

**Pantheon Summary** (Generated at Sat, 29 Jul 2017 12:10:58 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

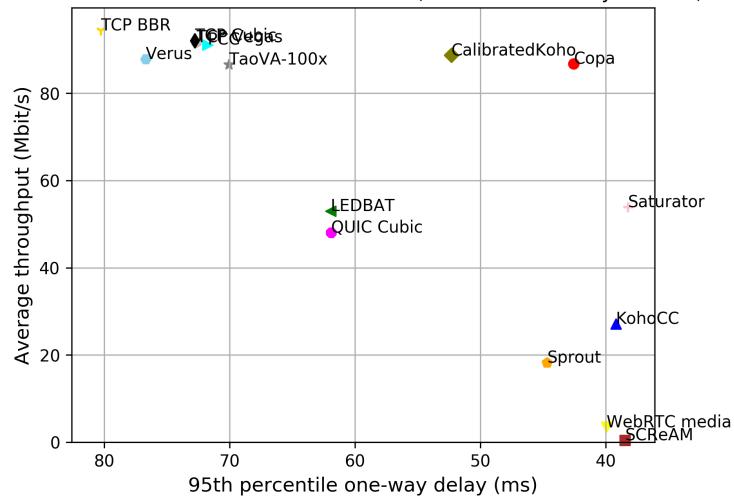
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

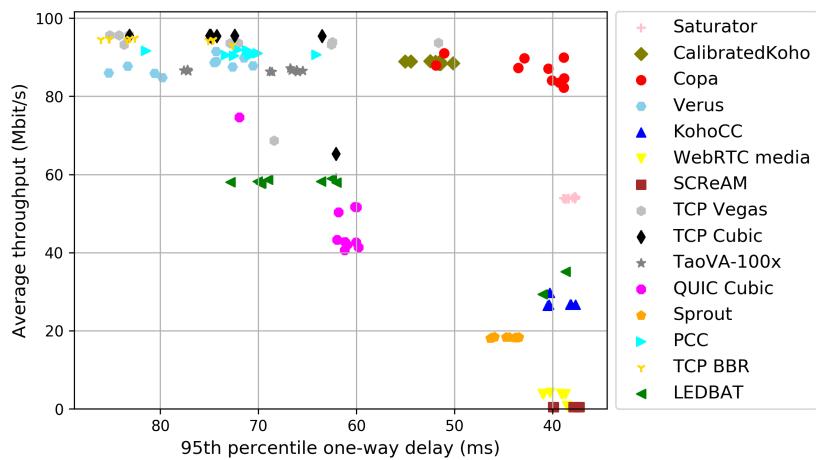
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

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



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



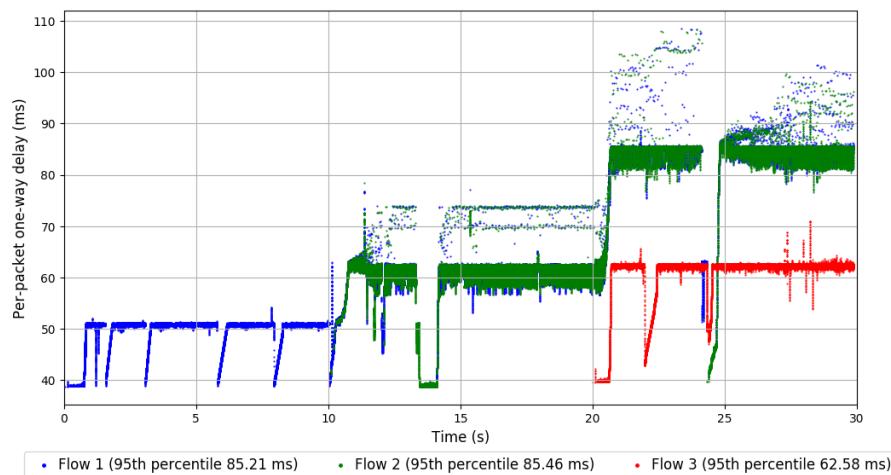
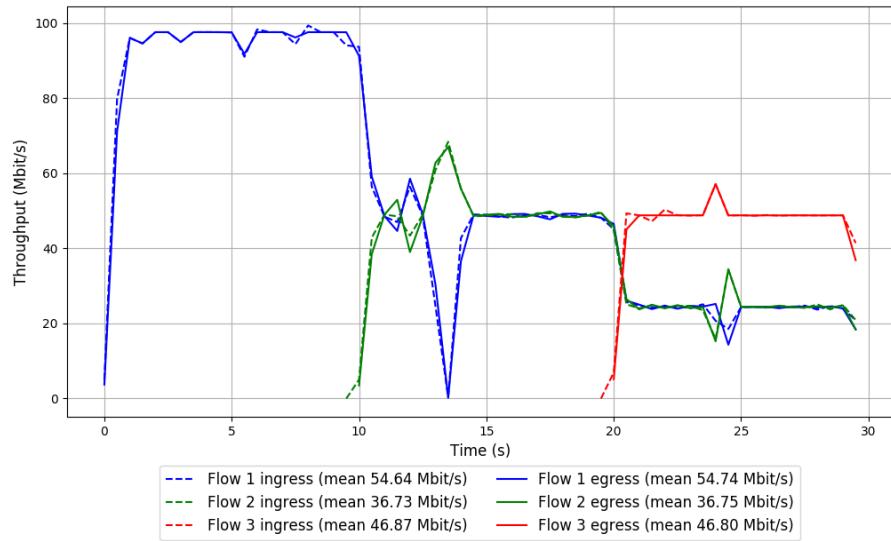
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	56.85	39.82	33.50	77.76	76.26	74.17	0.32	0.51	1.27
CalibratedKoho	10	61.09	32.77	17.50	51.85	52.97	52.40	0.23	0.47	1.15
Copa	10	53.71	34.04	31.34	40.59	44.65	44.69	0.16	0.49	0.94
TCP Cubic	10	54.59	39.76	33.46	67.45	72.61	72.65	0.33	0.51	1.35
KohoCC	10	13.46	13.33	13.10	38.88	39.16	39.12	0.35	0.46	0.92
LEDBAT	10	31.49	26.26	12.20	60.96	61.85	47.91	0.46	0.78	1.81
PCC	10	58.53	37.50	23.32	67.92	68.55	74.63	0.68	1.14	1.10
QUIC Cubic	10	3.31	47.26	38.99	41.79	61.67	61.85	0.04	0.55	1.16
Saturator	10	27.04	27.04	26.78	38.17	37.98	38.39	0.31	0.44	0.91
SCReAM	10	0.22	0.22	0.22	38.04	37.93	38.01	0.27	0.44	0.81
Sprout	10	9.26	9.14	8.97	44.41	44.90	45.03	0.33	0.56	1.07
TaoVA-100x	10	50.09	40.45	28.94	67.87	66.26	70.07	0.26	0.51	1.35
TCP Vegas	10	59.24	33.05	31.66	67.43	64.99	68.66	0.26	0.53	1.36
Verus	10	53.35	39.00	26.14	71.15	73.54	78.78	0.30	0.53	1.09
WebRTC media	10	1.95	1.19	0.47	39.70	40.02	40.12	0.43	0.50	2.08

Run 1: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:07:32 +0000
End at: Sat, 29 Jul 2017 08:08:02 +0000
Local clock offset: 0.704 ms
Remote clock offset: -2.601 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:58:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 85.266 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 85.214 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 36.75 Mbit/s
95th percentile per-packet one-way delay: 85.458 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 62.583 ms
Loss rate: 1.14%
```

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

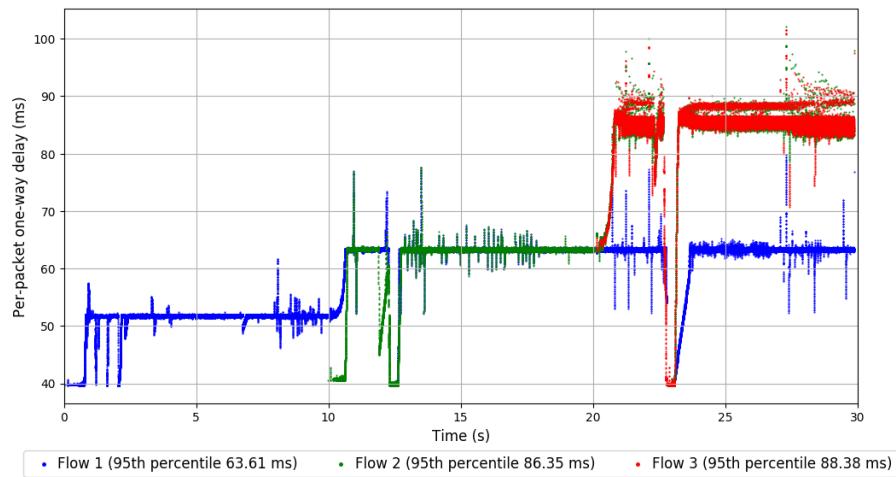
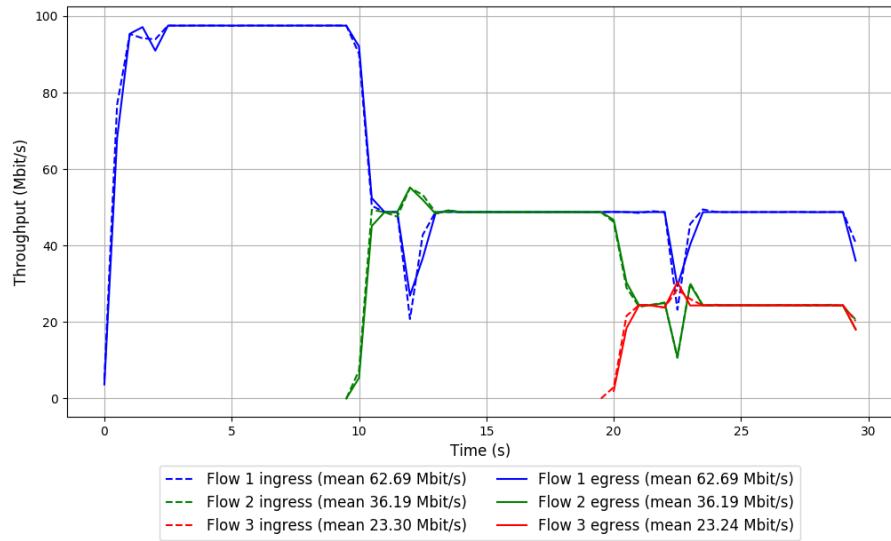


Run 2: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:28:37 +0000
End at: Sat, 29 Jul 2017 08:29:07 +0000
Local clock offset: 0.522 ms
Remote clock offset: -2.771 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:58:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 86.069 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 62.69 Mbit/s
95th percentile per-packet one-way delay: 63.612 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 86.349 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 88.384 ms
Loss rate: 1.38%
```

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

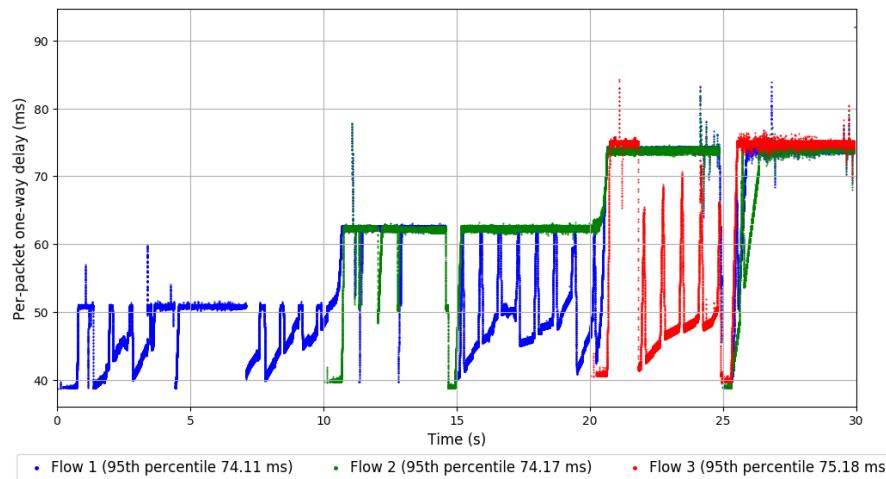
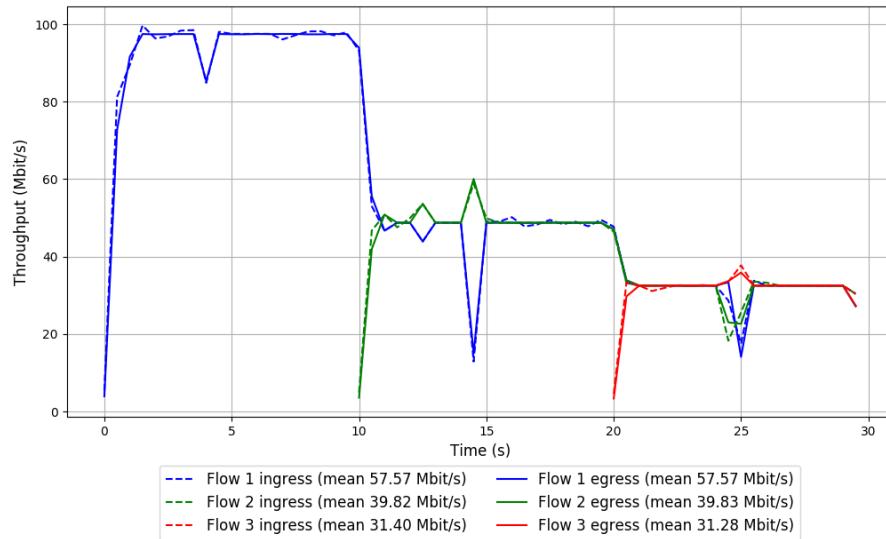


Run 3: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:49:35 +0000
End at: Sat, 29 Jul 2017 08:50:05 +0000
Local clock offset: 0.504 ms
Remote clock offset: -2.637 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 74.704 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: 74.109 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 74.167 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 75.182 ms
Loss rate: 1.27%
```

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

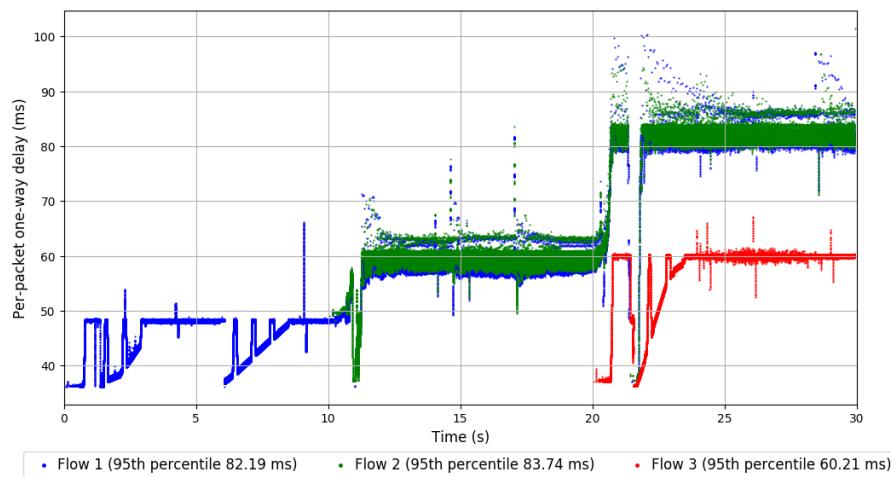
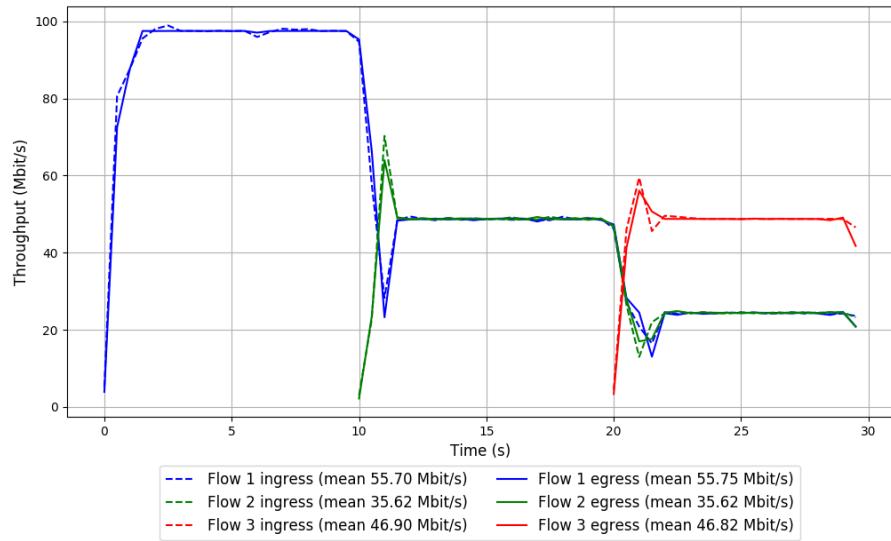


Run 4: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:10:35 +0000
End at: Sat, 29 Jul 2017 09:11:05 +0000
Local clock offset: 0.536 ms
Remote clock offset: 0.206 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 82.611 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 55.75 Mbit/s
95th percentile per-packet one-way delay: 82.193 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 83.740 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 60.212 ms
Loss rate: 1.14%
```

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

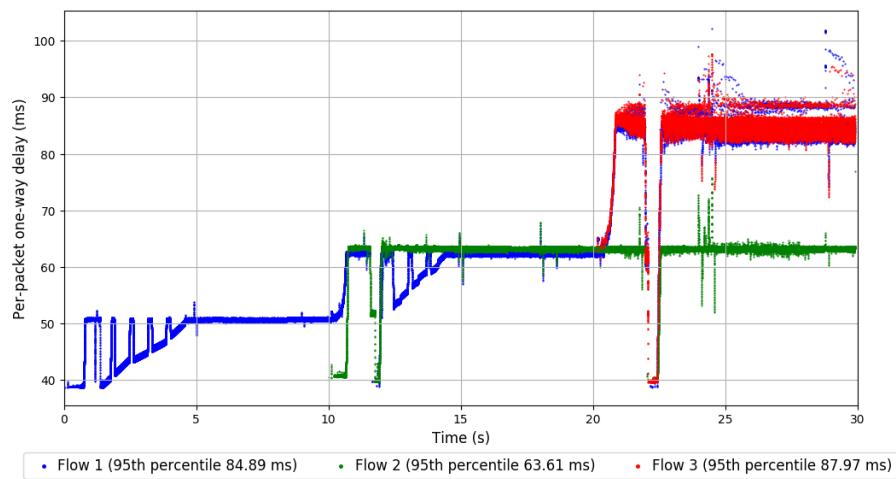
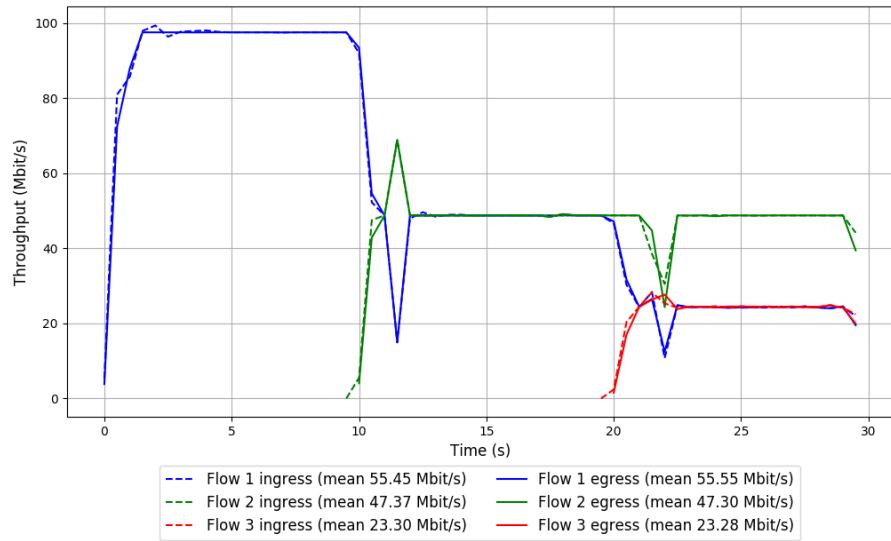


Run 5: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:31:35 +0000
End at: Sat, 29 Jul 2017 09:32:05 +0000
Local clock offset: 0.484 ms
Remote clock offset: -2.214 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 85.217 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 55.55 Mbit/s
95th percentile per-packet one-way delay: 84.890 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 47.30 Mbit/s
95th percentile per-packet one-way delay: 63.609 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 87.972 ms
Loss rate: 1.44%
```

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

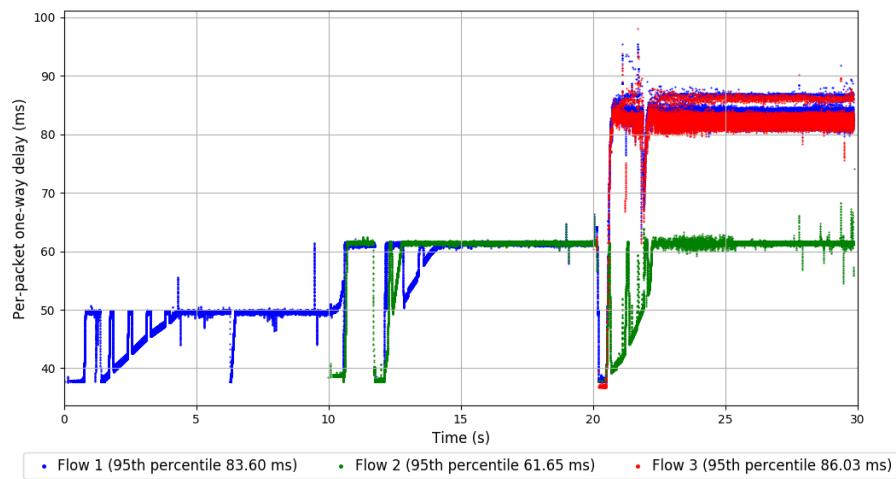
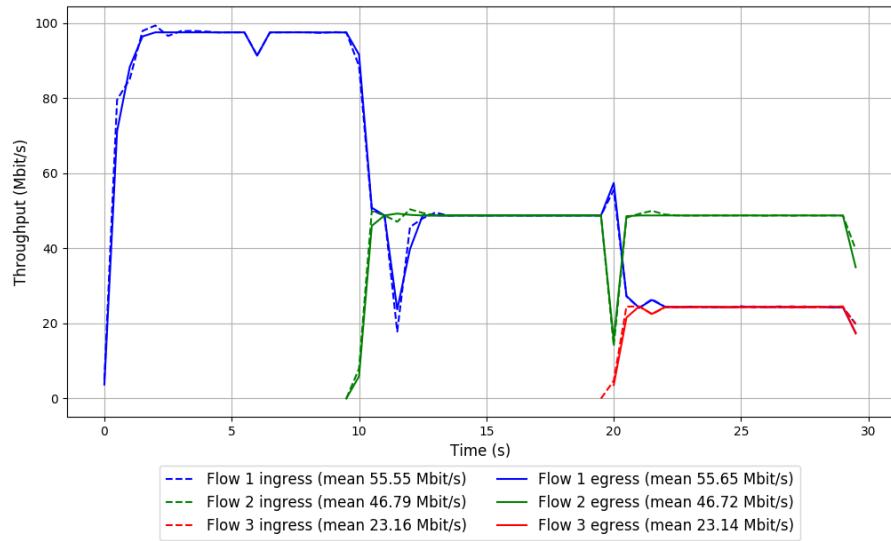


Run 6: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:52:38 +0000
End at: Sat, 29 Jul 2017 09:53:08 +0000
Local clock offset: 0.478 ms
Remote clock offset: -0.187 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 83.391 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 83.600 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 61.645 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 23.14 Mbit/s
95th percentile per-packet one-way delay: 86.032 ms
Loss rate: 1.38%
```

Run 6: Report of TCP BBR — Data Link

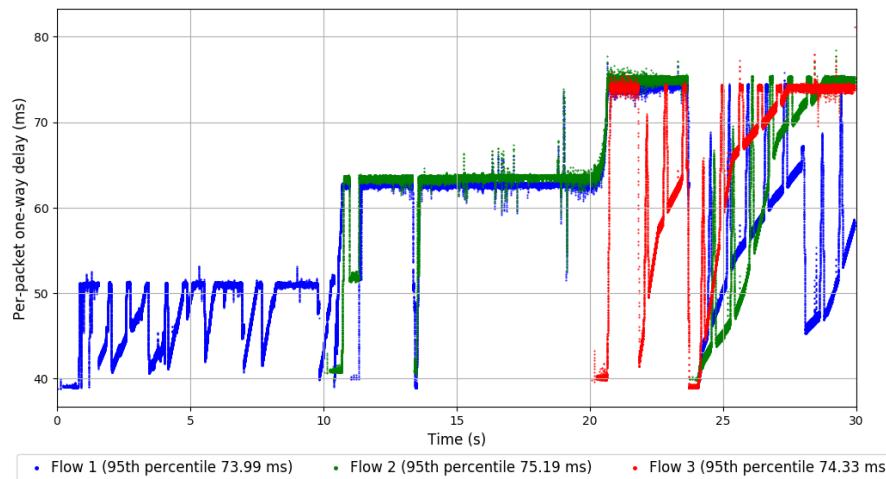
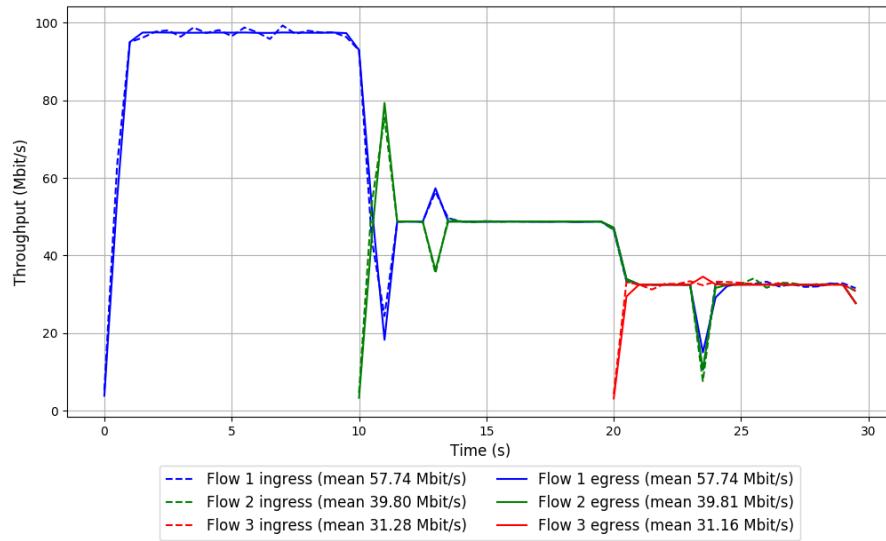


Run 7: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:13:41 +0000
End at: Sat, 29 Jul 2017 10:14:11 +0000
Local clock offset: 0.513 ms
Remote clock offset: -2.35 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 74.610 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 73.992 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 75.193 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 74.330 ms
Loss rate: 1.27%
```

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

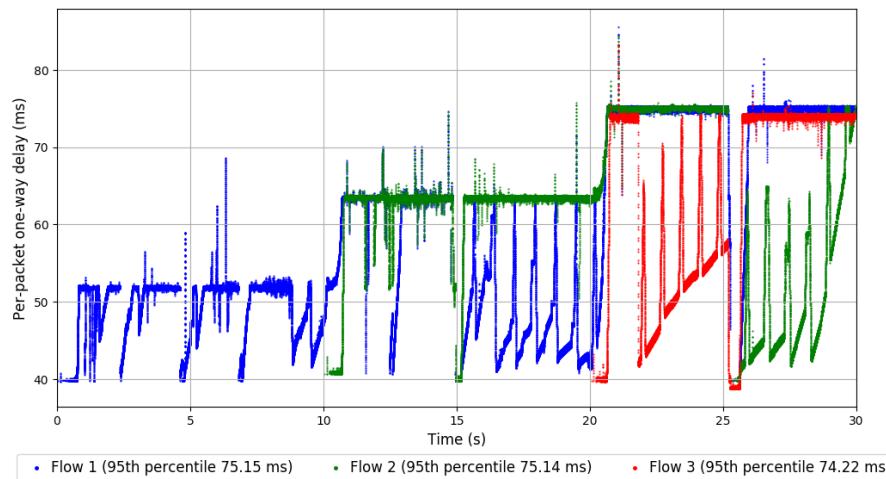
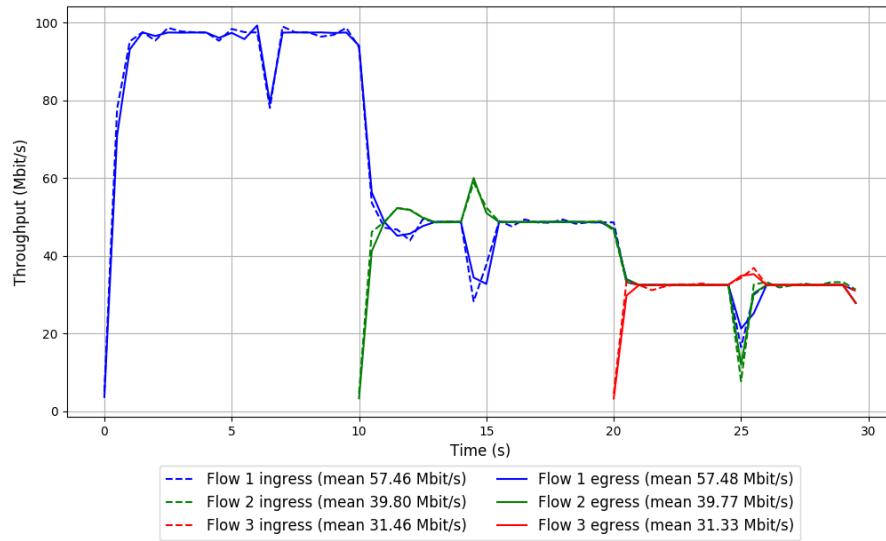


Run 8: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:34:54 +0000
End at: Sat, 29 Jul 2017 10:35:24 +0000
Local clock offset: 0.375 ms
Remote clock offset: -2.415 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 75.129 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 57.48 Mbit/s
95th percentile per-packet one-way delay: 75.154 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 75.138 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 74.225 ms
Loss rate: 1.26%
```

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

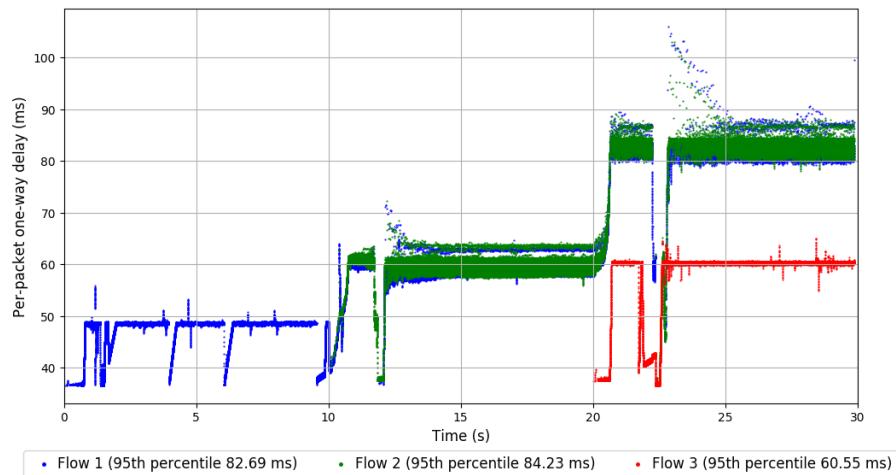
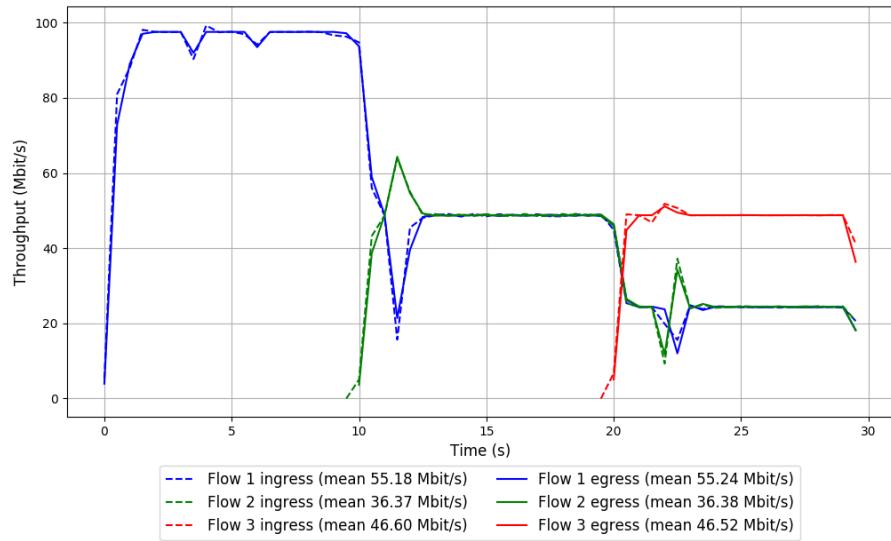


Run 9: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:56:03 +0000
End at: Sat, 29 Jul 2017 10:56:33 +0000
Local clock offset: 0.445 ms
Remote clock offset: -0.205 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 83.132 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 82.686 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 84.233 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 46.52 Mbit/s
95th percentile per-packet one-way delay: 60.545 ms
Loss rate: 1.16%
```

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

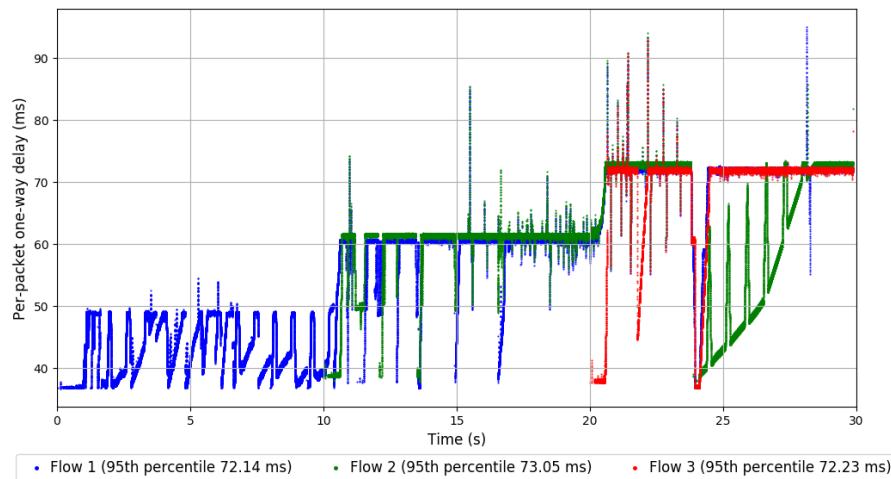
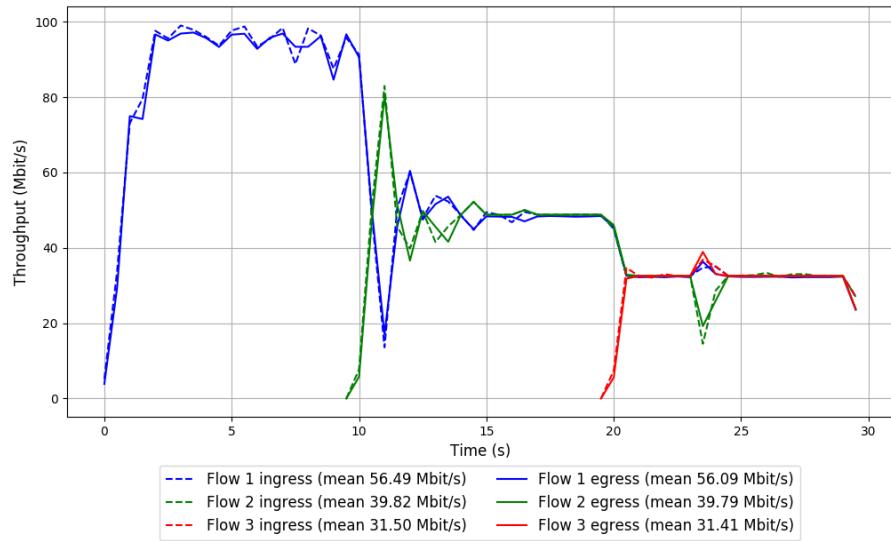


Run 10: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 11:17:12 +0000
End at: Sat, 29 Jul 2017 11:17:42 +0000
Local clock offset: 0.57 ms
Remote clock offset: -0.221 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 72.644 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 72.145 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 73.053 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 72.231 ms
Loss rate: 1.26%
```

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

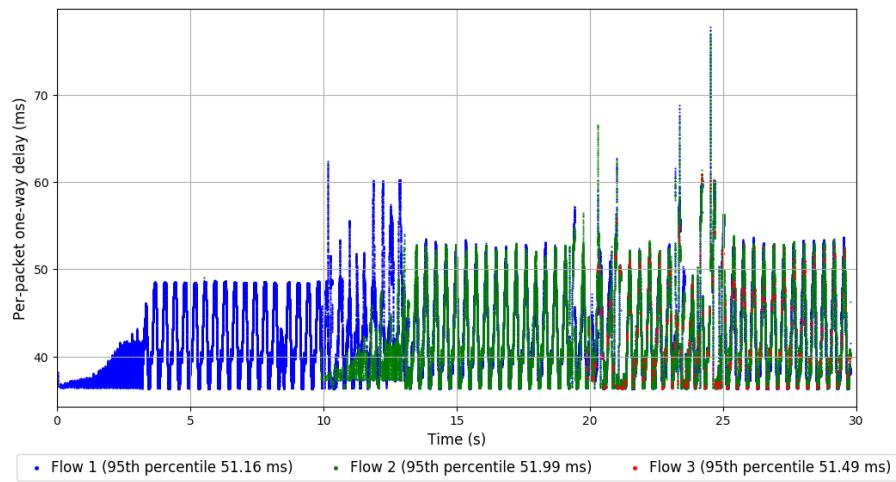
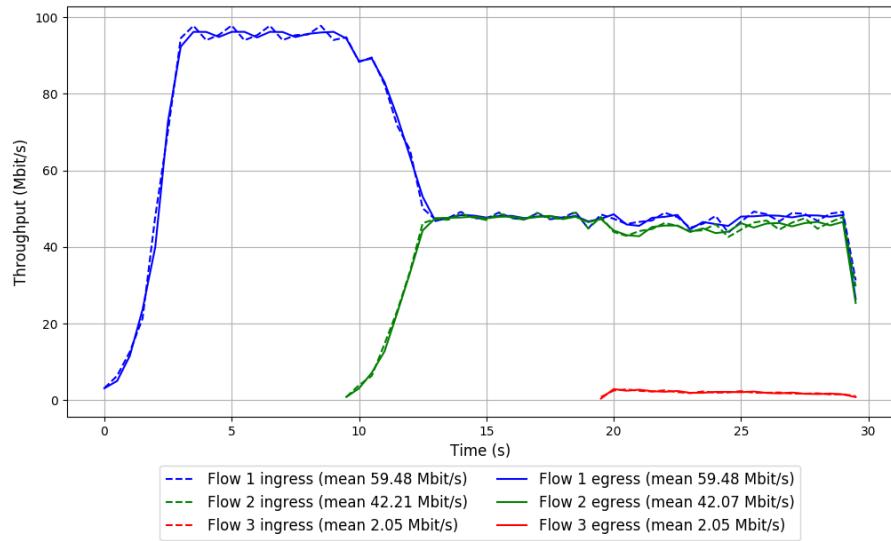


```
Run 1: Statistics of CalibratedKoho

Start at: Sat, 29 Jul 2017 07:57:49 +0000
End at: Sat, 29 Jul 2017 07:58:19 +0000
Local clock offset: 0.713 ms
Remote clock offset: -0.014 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 51.563 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 51.158 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 51.993 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 51.492 ms
Loss rate: 0.76%
```

Run 1: Report of CalibratedKoho — Data Link

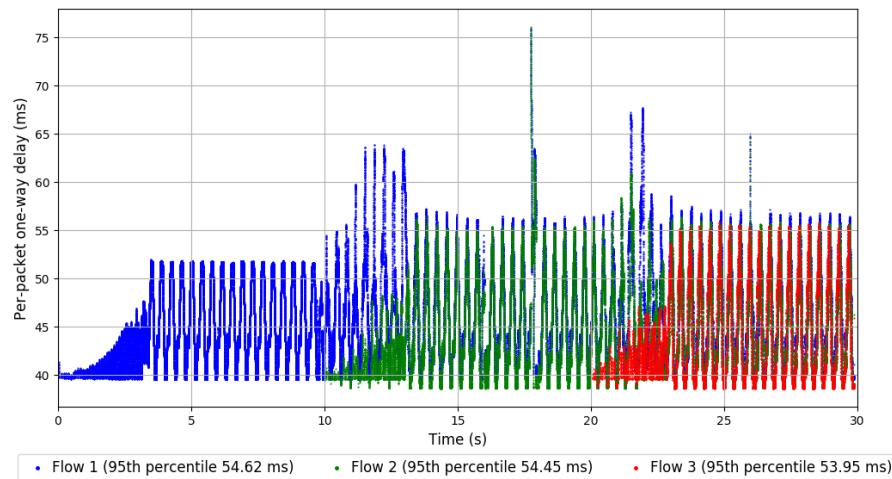
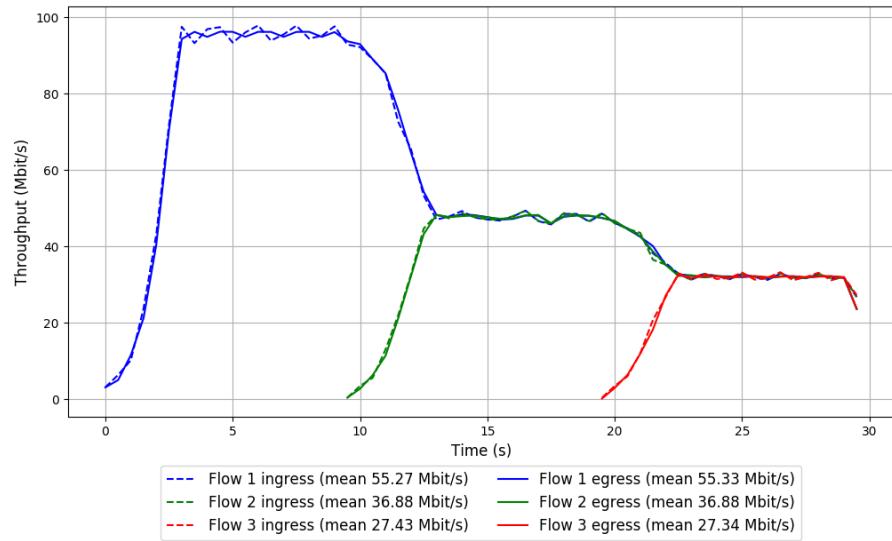


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 08:18:50 +0000
End at: Sat, 29 Jul 2017 08:19:20 +0000
Local clock offset: 0.571 ms
Remote clock offset: -2.587 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:59:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.96 Mbit/s
95th percentile per-packet one-way delay: 54.466 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 54.624 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 54.452 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 53.955 ms
Loss rate: 1.12%
```

Run 2: Report of CalibratedKoho — Data Link

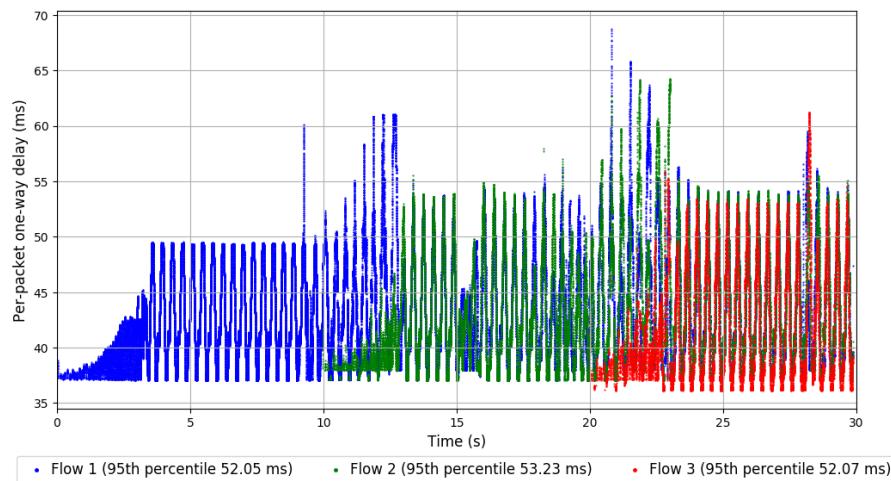
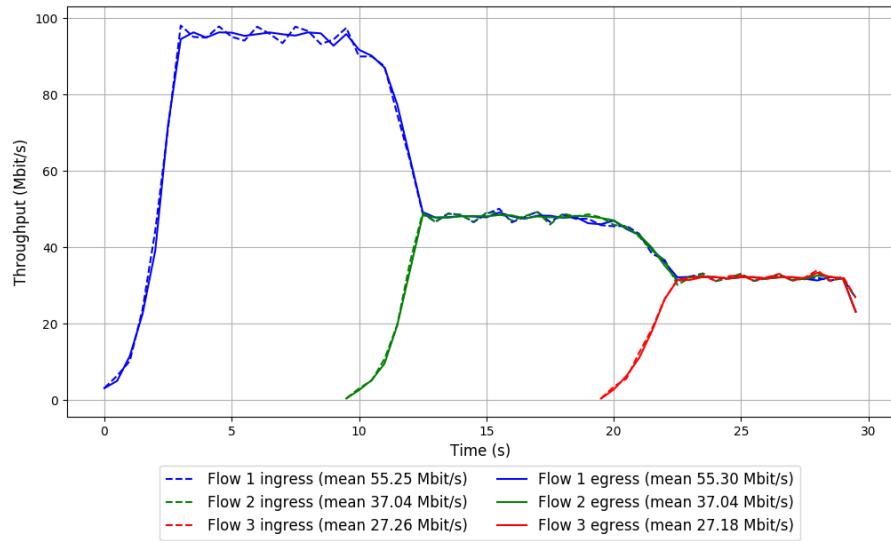


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 08:39:50 +0000
End at: Sat, 29 Jul 2017 08:40:20 +0000
Local clock offset: 0.521 ms
Remote clock offset: -0.112 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 52.471 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 52.045 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 53.229 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 52.066 ms
Loss rate: 1.15%
```

Run 3: Report of CalibratedKoho — Data Link

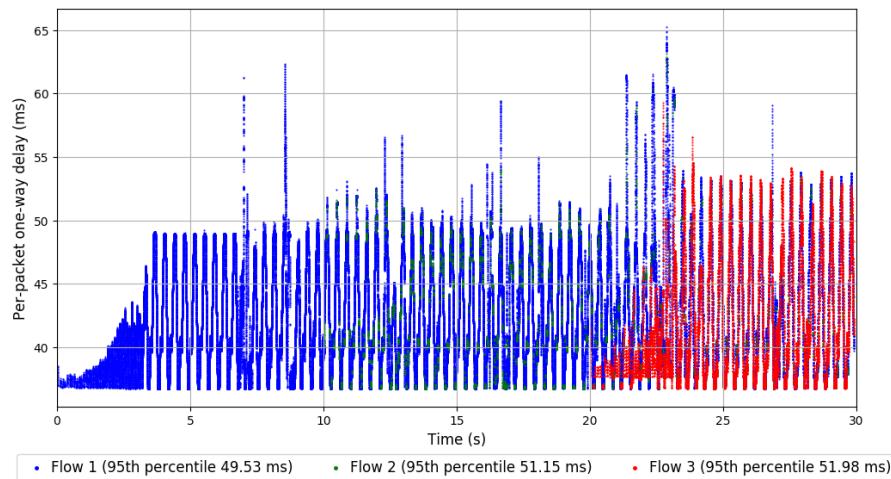
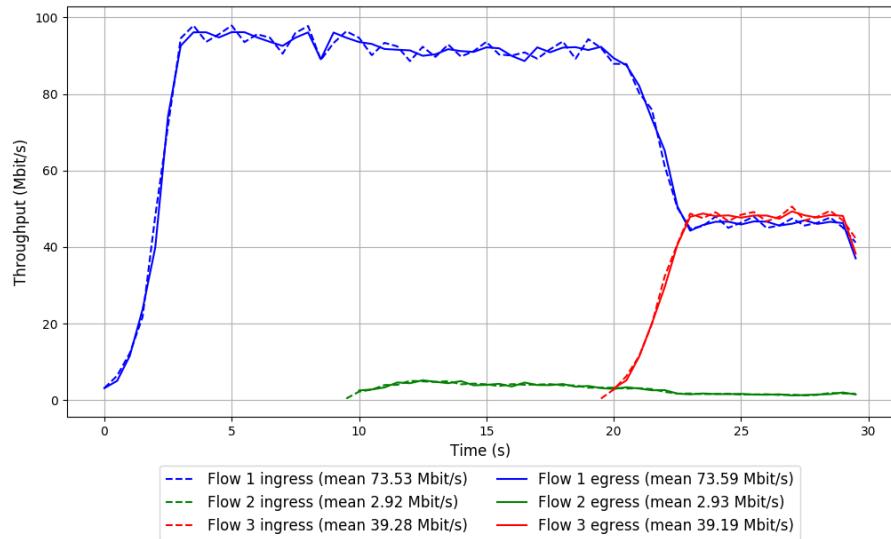


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 09:00:53 +0000
End at: Sat, 29 Jul 2017 09:01:23 +0000
Local clock offset: 0.493 ms
Remote clock offset: -0.434 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 50.139 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 49.528 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 51.146 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 51.980 ms
Loss rate: 1.03%
```

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

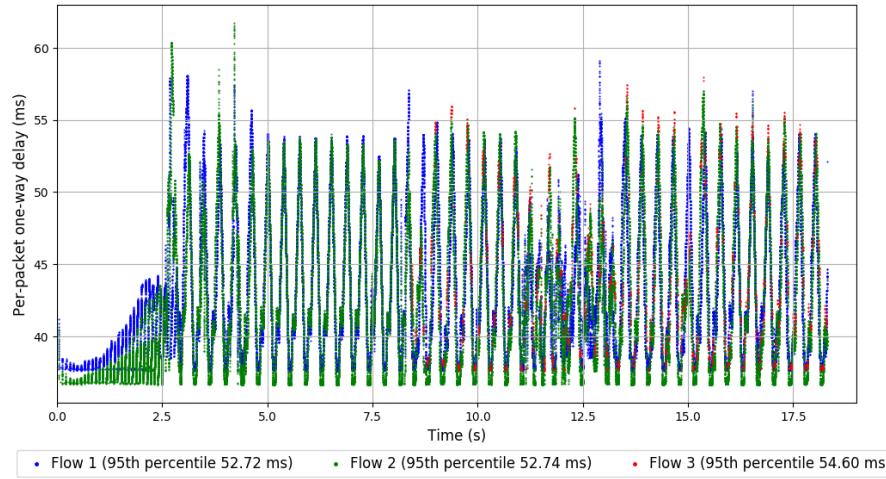
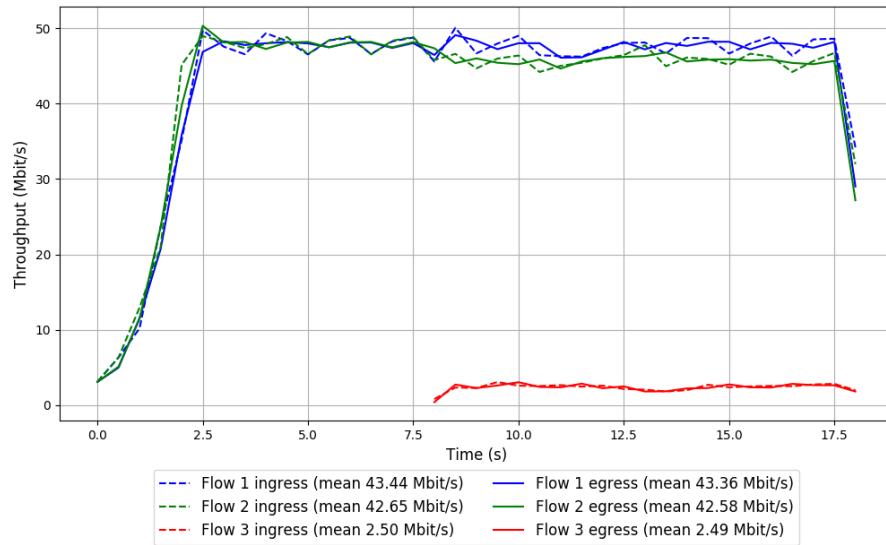
Start at: Sat, 29 Jul 2017 09:21:51 +0000

End at: Sat, 29 Jul 2017 09:22:21 +0000

Local clock offset: 0.515 ms

Remote clock offset: -0.164 ms

Run 5: Report of CalibratedKoho — Data Link

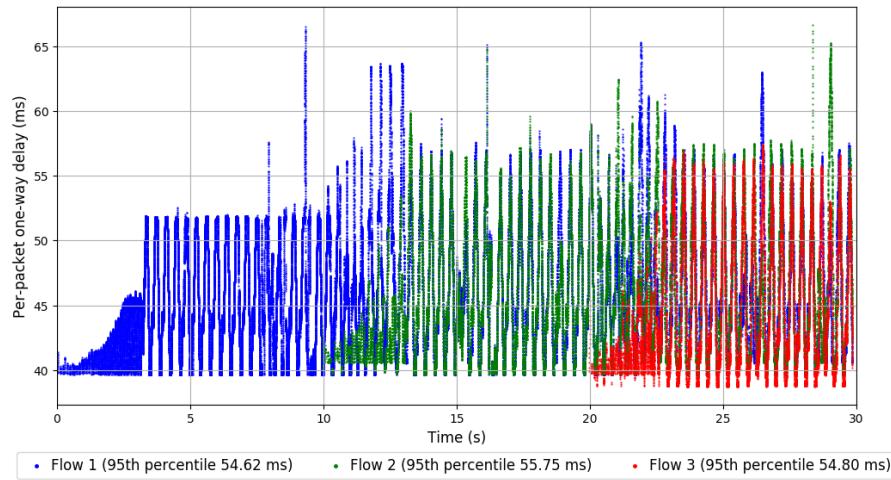
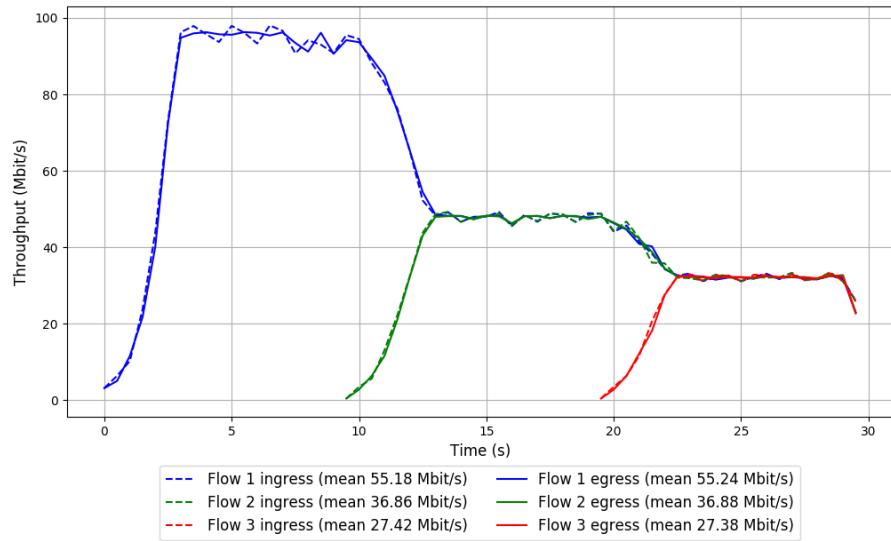


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 09:42:52 +0000
End at: Sat, 29 Jul 2017 09:43:22 +0000
Local clock offset: 0.466 ms
Remote clock offset: -2.13 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 55.047 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 54.615 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 55.754 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 27.38 Mbit/s
95th percentile per-packet one-way delay: 54.804 ms
Loss rate: 0.97%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

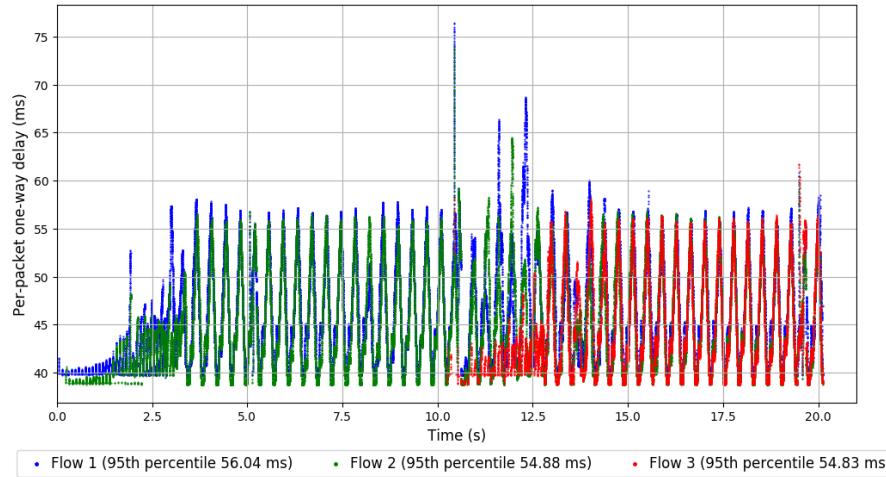
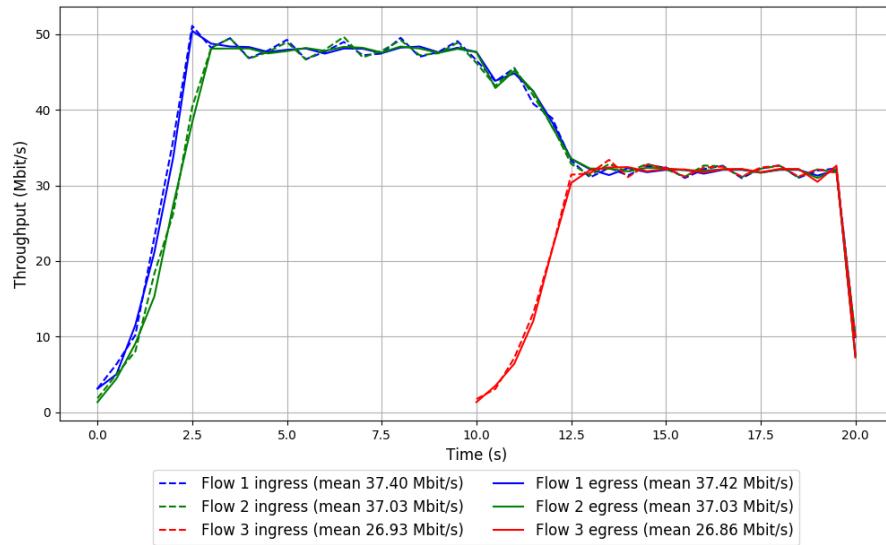
Start at: Sat, 29 Jul 2017 10:03:54 +0000

End at: Sat, 29 Jul 2017 10:04:24 +0000

Local clock offset: 0.485 ms

Remote clock offset: -2.268 ms

Run 7: Report of CalibratedKoho — Data Link

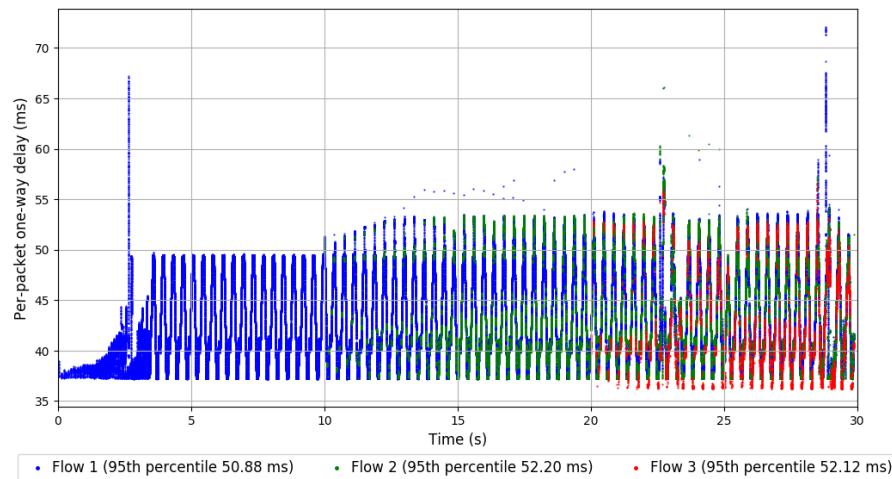
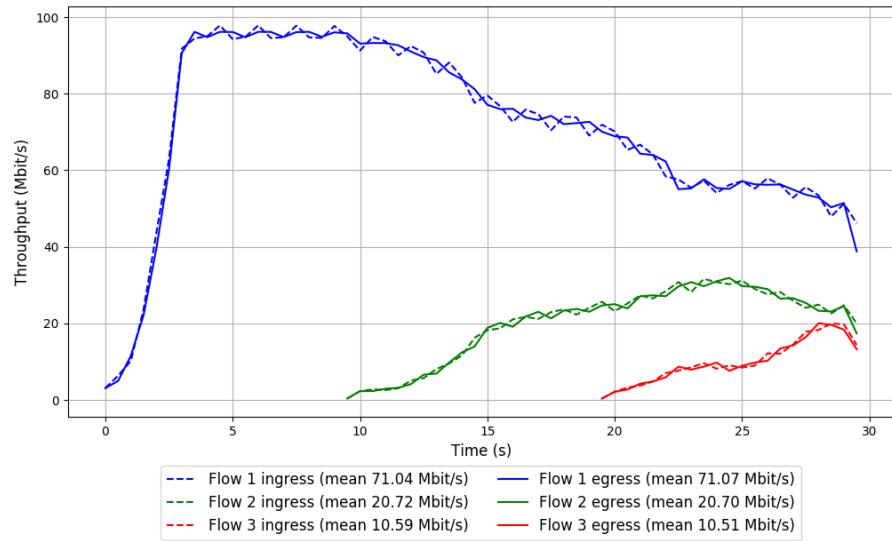


Run 8: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 10:25:07 +0000
End at: Sat, 29 Jul 2017 10:25:37 +0000
Local clock offset: 0.37 ms
Remote clock offset: 0.103 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 51.425 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 50.885 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 20.70 Mbit/s
95th percentile per-packet one-way delay: 52.201 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 52.125 ms
Loss rate: 1.62%
```

Run 8: Report of CalibratedKoho — Data Link

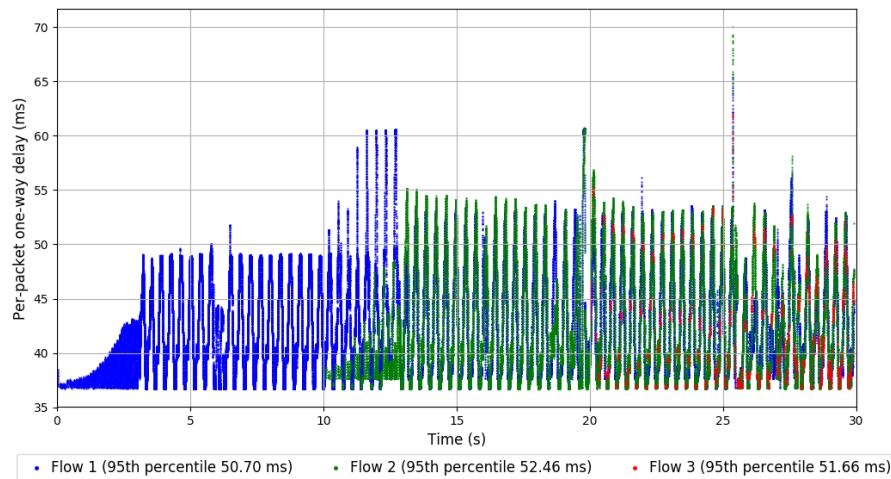
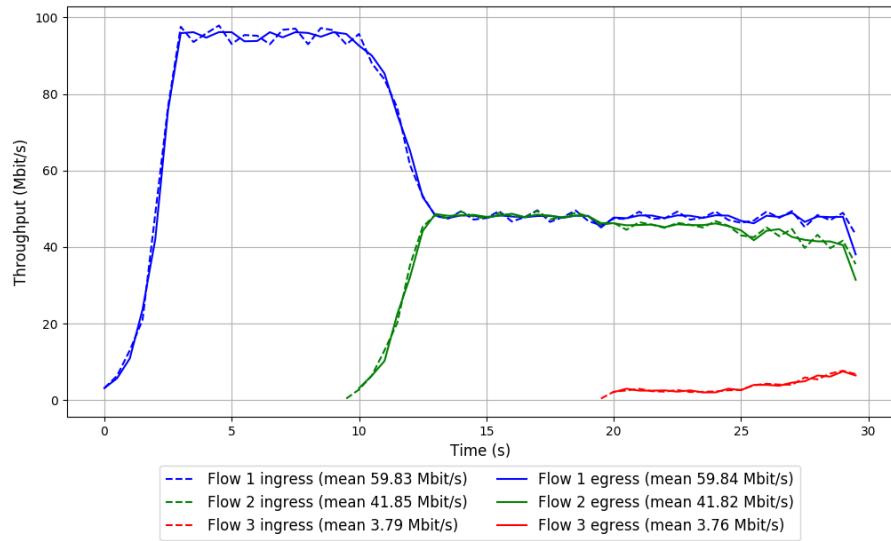


Run 9: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 10:46:10 +0000
End at: Sat, 29 Jul 2017 10:46:40 +0000
Local clock offset: 0.503 ms
Remote clock offset: -0.266 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 51.497 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 59.84 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 52.457 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 51.659 ms
Loss rate: 1.78%
```

Run 9: Report of CalibratedKoho — Data Link

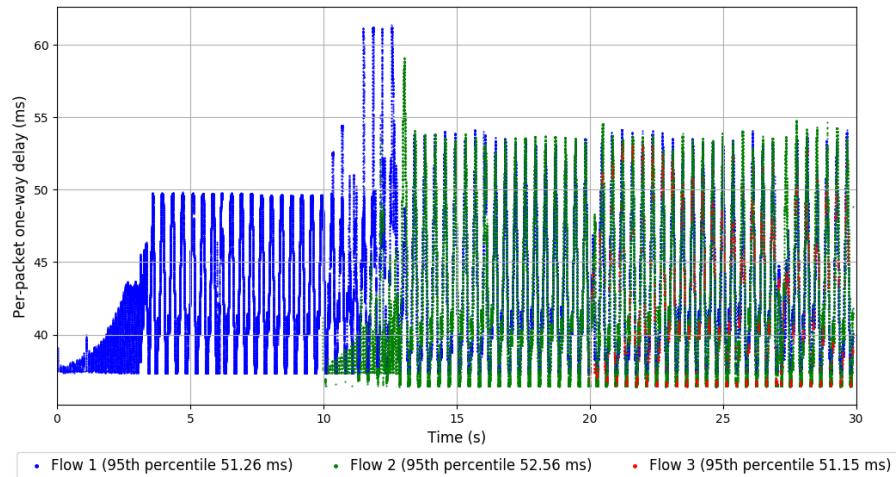
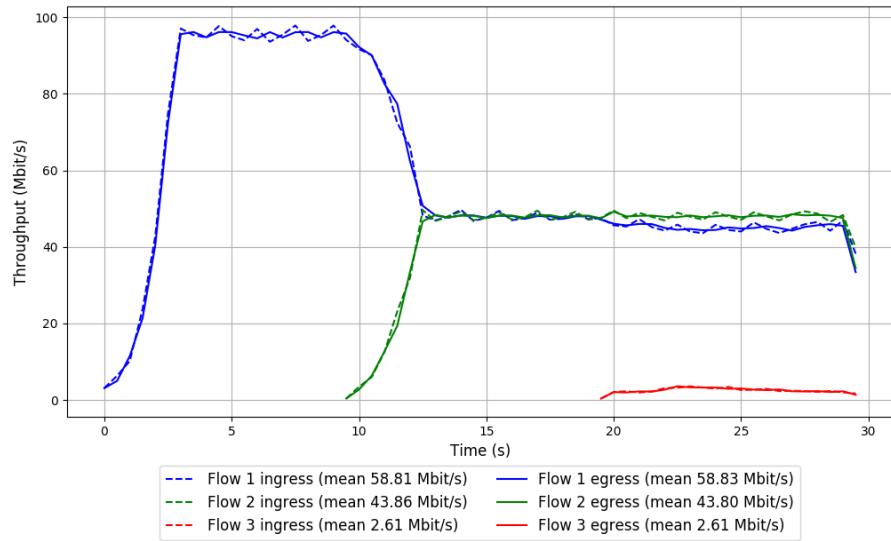


```
Run 10: Statistics of CalibratedKoho

Start at: Sat, 29 Jul 2017 11:07:24 +0000
End at: Sat, 29 Jul 2017 11:07:54 +0000
Local clock offset: 0.563 ms
Remote clock offset: 0.136 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 51.922 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 58.83 Mbit/s
95th percentile per-packet one-way delay: 51.258 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 52.564 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 51.150 ms
Loss rate: 0.74%
```

## Run 10: Report of CalibratedKoho — Data Link

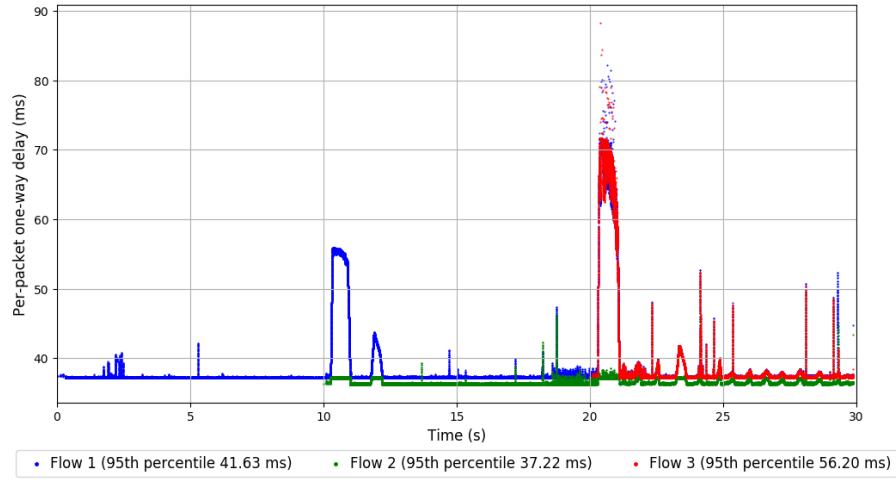
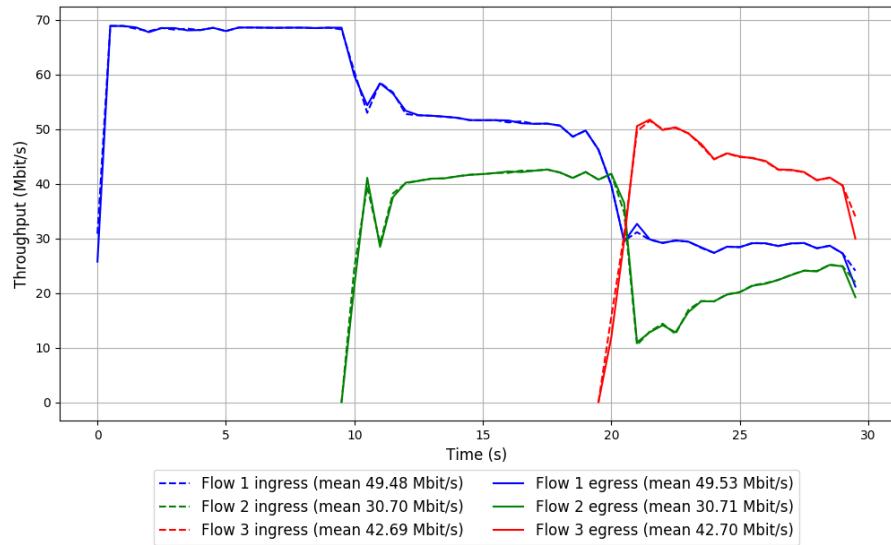


Run 1: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:04:41 +0000
End at: Sat, 29 Jul 2017 08:05:11 +0000
Local clock offset: 0.578 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:00:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.12 Mbit/s
95th percentile per-packet one-way delay: 40.054 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 49.53 Mbit/s
95th percentile per-packet one-way delay: 41.635 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 30.71 Mbit/s
95th percentile per-packet one-way delay: 37.221 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 42.70 Mbit/s
95th percentile per-packet one-way delay: 56.203 ms
Loss rate: 0.84%
```

## Run 1: Report of Copa — Data Link

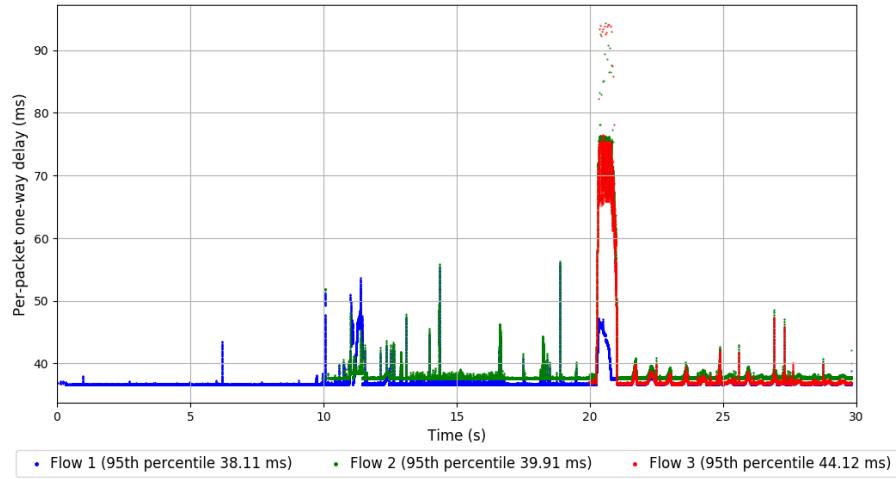
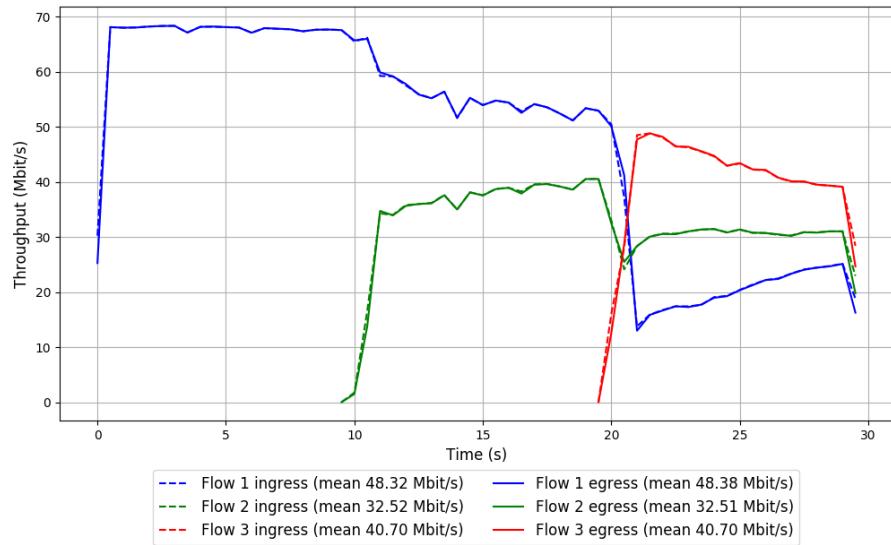


Run 2: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:25:47 +0000
End at: Sat, 29 Jul 2017 08:26:17 +0000
Local clock offset: 0.542 ms
Remote clock offset: -0.672 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:01:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: 39.281 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 38.110 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 39.905 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 44.122 ms
Loss rate: 0.82%
```

## Run 2: Report of Copa — Data Link

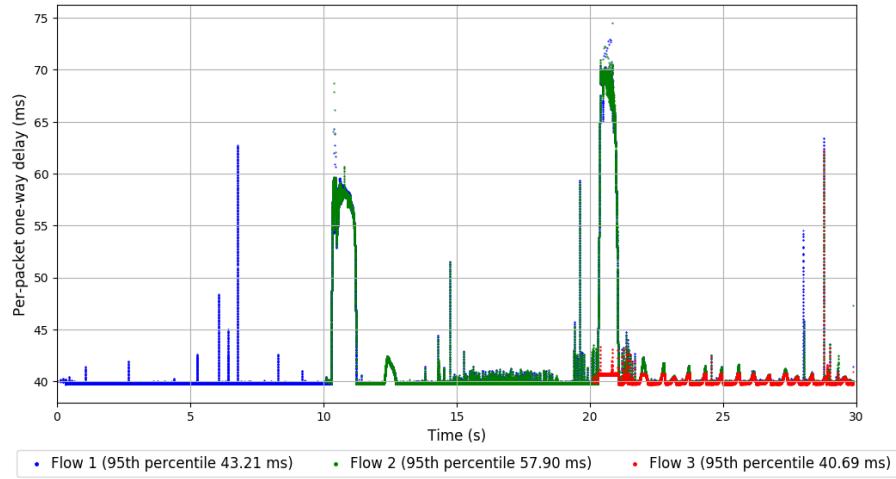
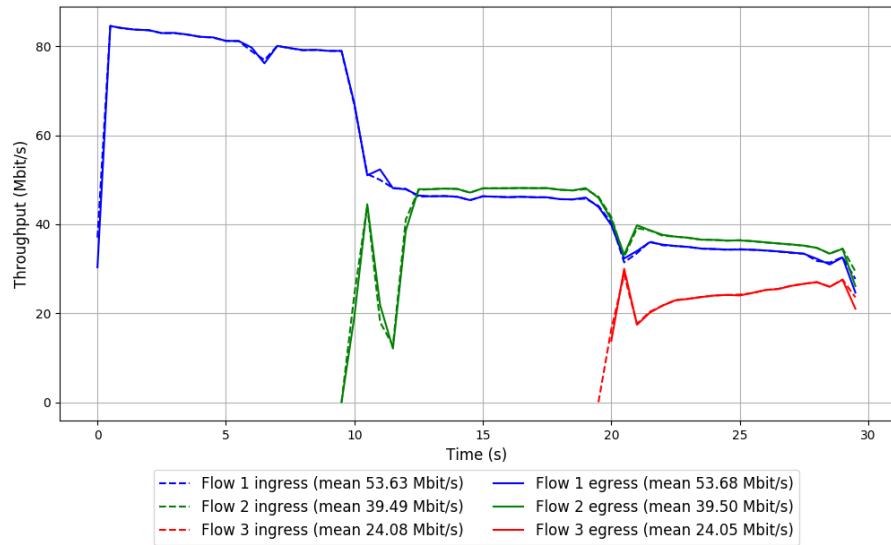


Run 3: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:46:45 +0000
End at: Sat, 29 Jul 2017 08:47:15 +0000
Local clock offset: 0.606 ms
Remote clock offset: -2.592 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:01:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 51.881 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 43.211 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 57.904 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 40.691 ms
Loss rate: 1.00%
```

### Run 3: Report of Copa — Data Link

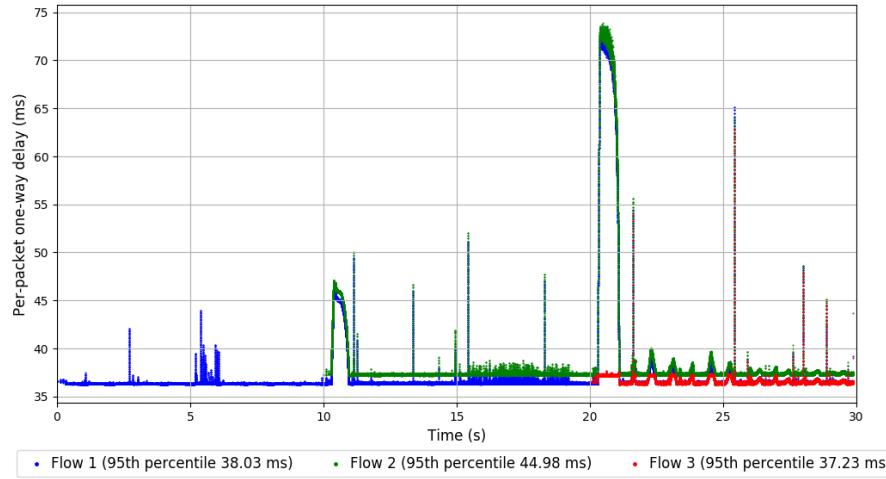
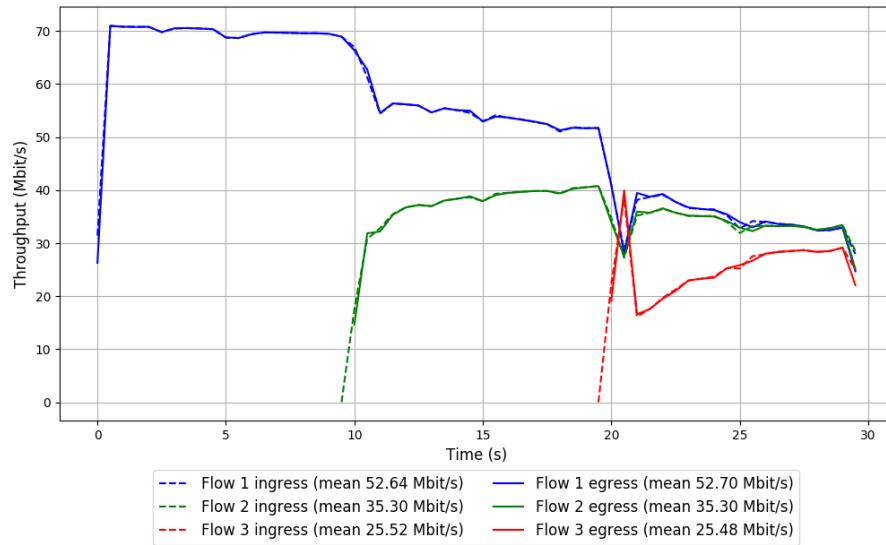


Run 4: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:07:44 +0000
End at: Sat, 29 Jul 2017 09:08:14 +0000
Local clock offset: 0.465 ms
Remote clock offset: 0.115 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:01:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.63 Mbit/s
95th percentile per-packet one-way delay: 38.826 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 52.70 Mbit/s
95th percentile per-packet one-way delay: 38.031 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 44.982 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 25.48 Mbit/s
95th percentile per-packet one-way delay: 37.234 ms
Loss rate: 1.00%
```

## Run 4: Report of Copa — Data Link

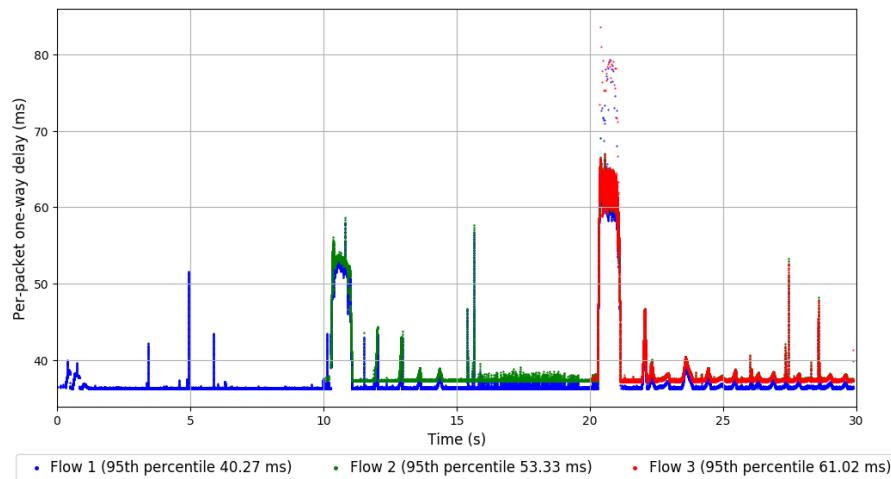
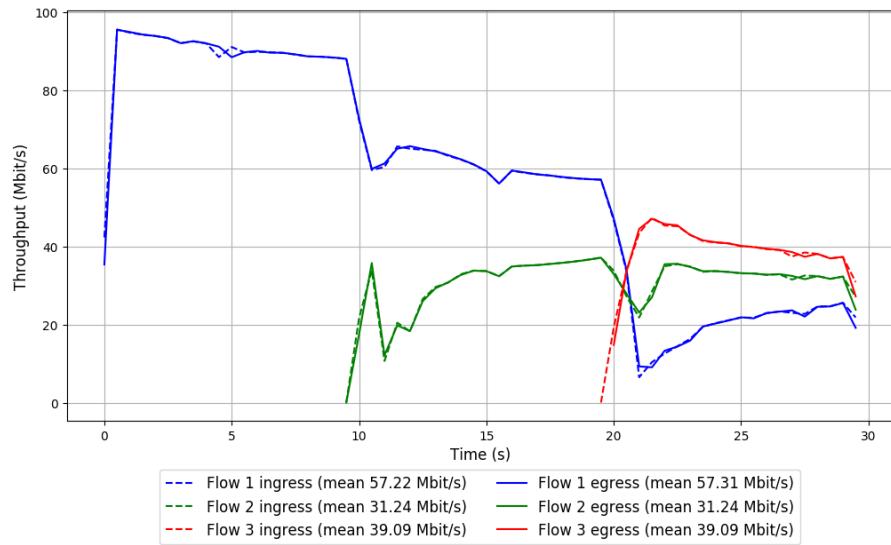


Run 5: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:28:44 +0000
End at: Sat, 29 Jul 2017 09:29:14 +0000
Local clock offset: 0.505 ms
Remote clock offset: 0.308 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:01:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 51.052 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 57.31 Mbit/s
95th percentile per-packet one-way delay: 40.274 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 53.328 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 61.018 ms
Loss rate: 0.83%
```

## Run 5: Report of Copa — Data Link

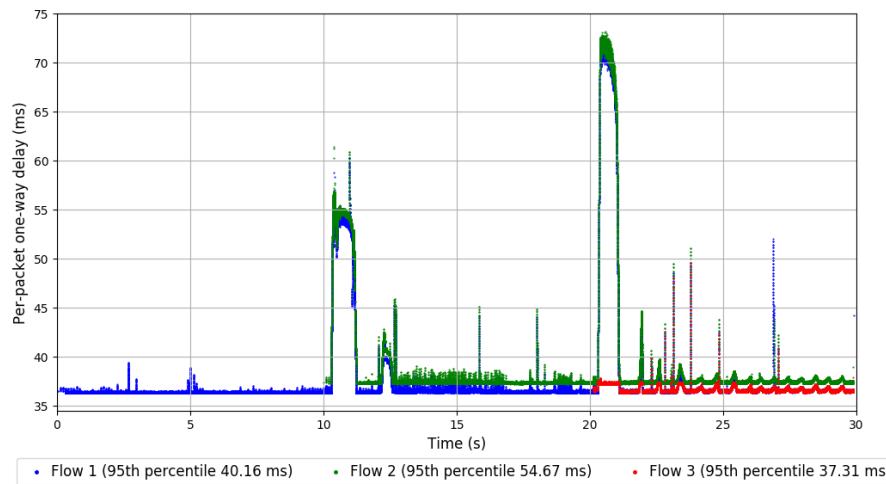
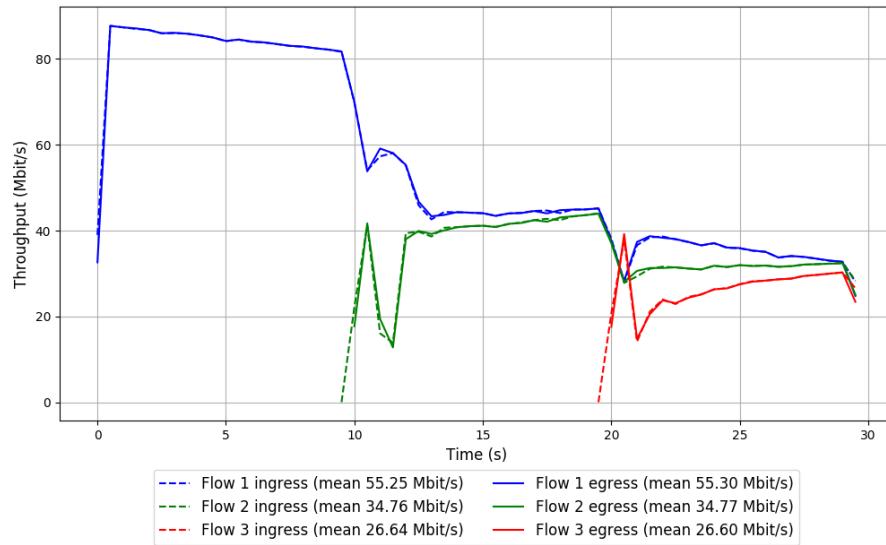


Run 6: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:49:47 +0000
End at: Sat, 29 Jul 2017 09:50:17 +0000
Local clock offset: 0.479 ms
Remote clock offset: 0.307 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:01:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 43.481 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 40.157 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.77 Mbit/s
95th percentile per-packet one-way delay: 54.673 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 37.315 ms
Loss rate: 1.01%
```

## Run 6: Report of Copa — Data Link

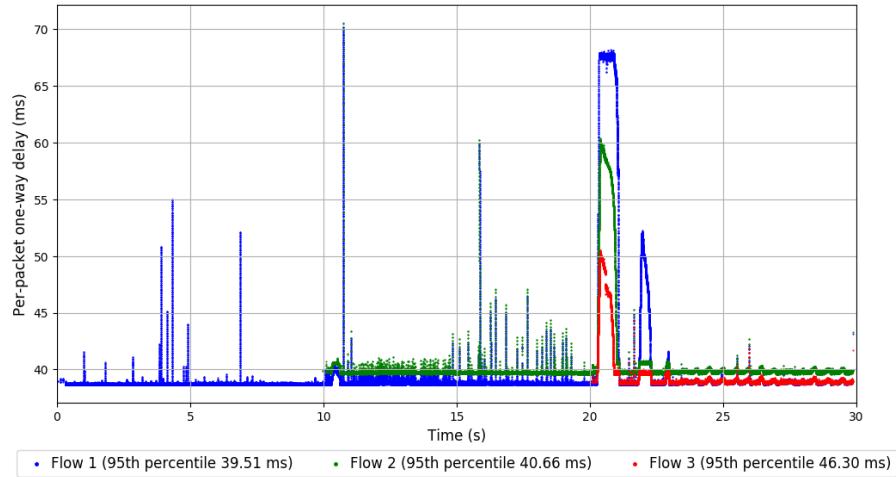
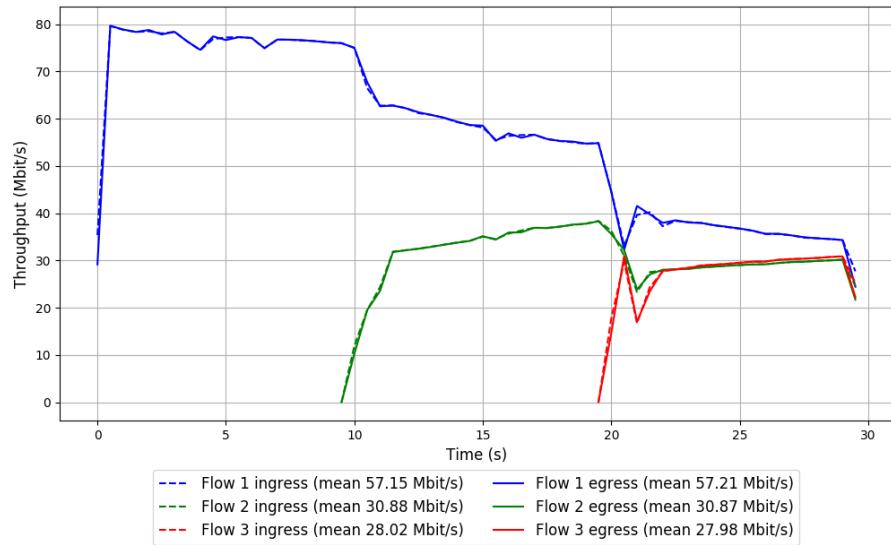


Run 7: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 10:10:49 +0000
End at: Sat, 29 Jul 2017 10:11:19 +0000
Local clock offset: 0.379 ms
Remote clock offset: -2.251 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 40.427 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 39.507 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 40.655 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 46.302 ms
Loss rate: 0.96%
```

## Run 7: Report of Copa — Data Link

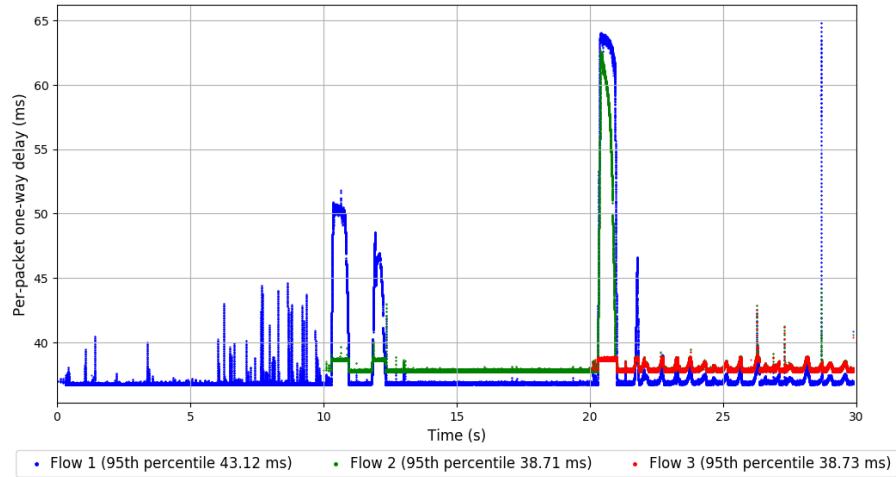
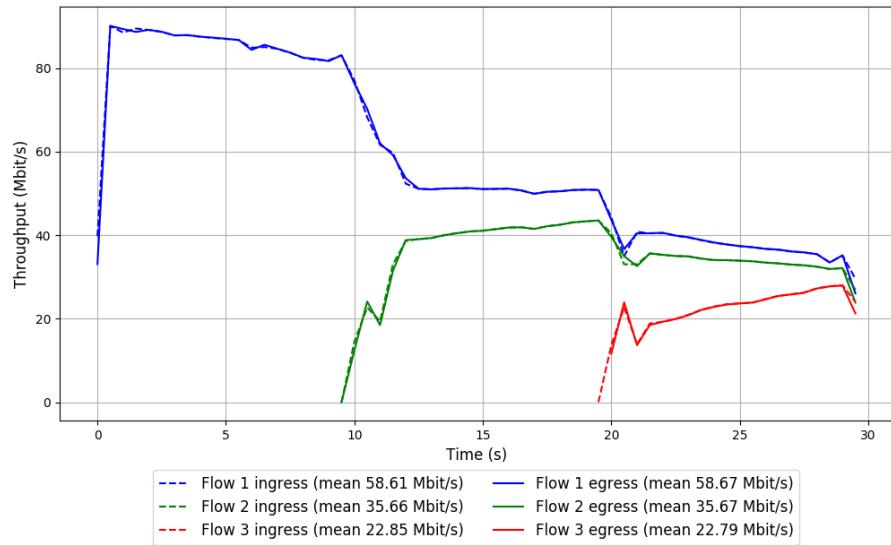


Run 8: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 10:32:03 +0000
End at: Sat, 29 Jul 2017 10:32:33 +0000
Local clock offset: 0.397 ms
Remote clock offset: -0.349 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 38.846 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 43.117 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 38.710 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 38.726 ms
Loss rate: 1.09%
```

## Run 8: Report of Copa — Data Link

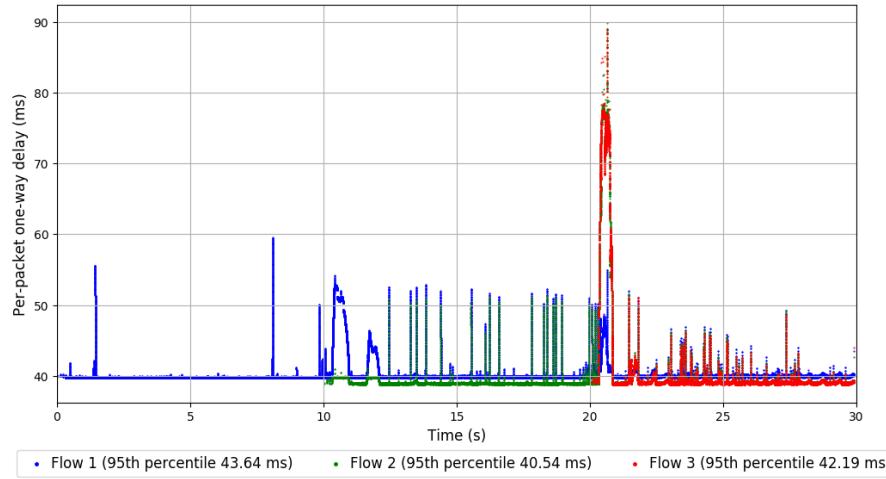
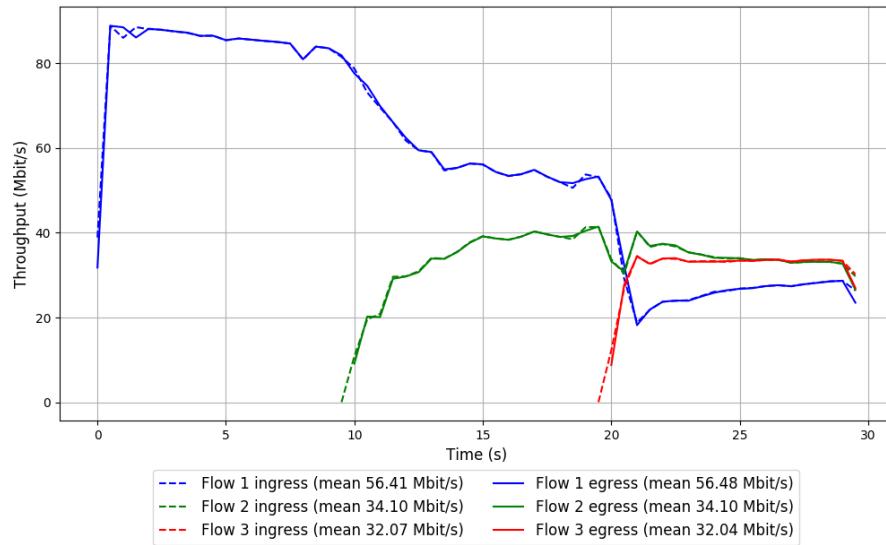


Run 9: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 10:53:05 +0000
End at: Sat, 29 Jul 2017 10:53:35 +0000
Local clock offset: 0.524 ms
Remote clock offset: -2.348 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 42.878 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 43.639 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 40.540 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 42.191 ms
Loss rate: 0.91%
```

## Run 9: Report of Copa — Data Link

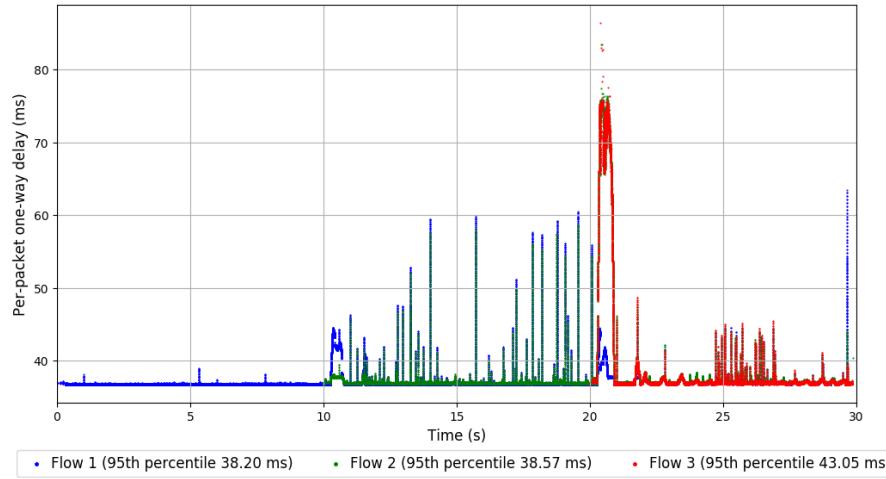
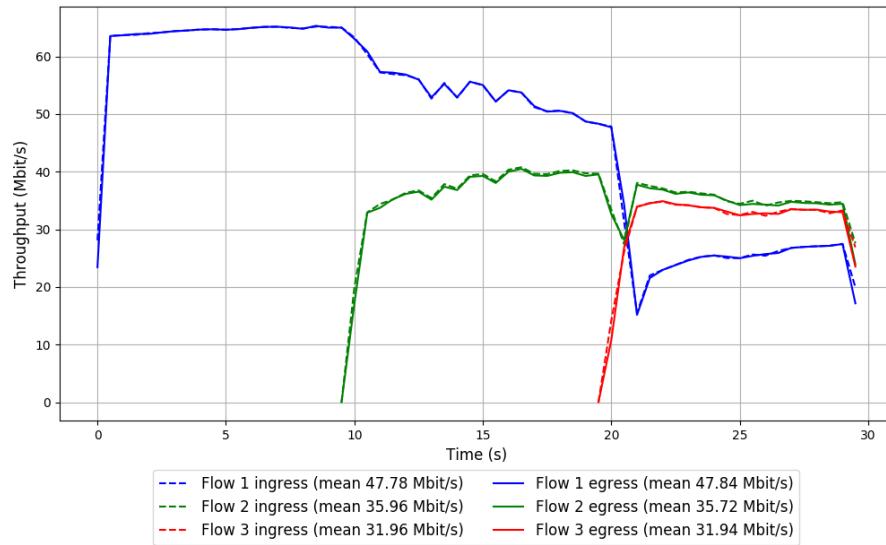


Run 10: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 11:14:22 +0000
End at: Sat, 29 Jul 2017 11:14:52 +0000
Local clock offset: 0.584 ms
Remote clock offset: -0.191 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 38.875 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 38.197 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 38.572 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 43.054 ms
Loss rate: 0.91%
```

Run 10: Report of Copa — Data Link

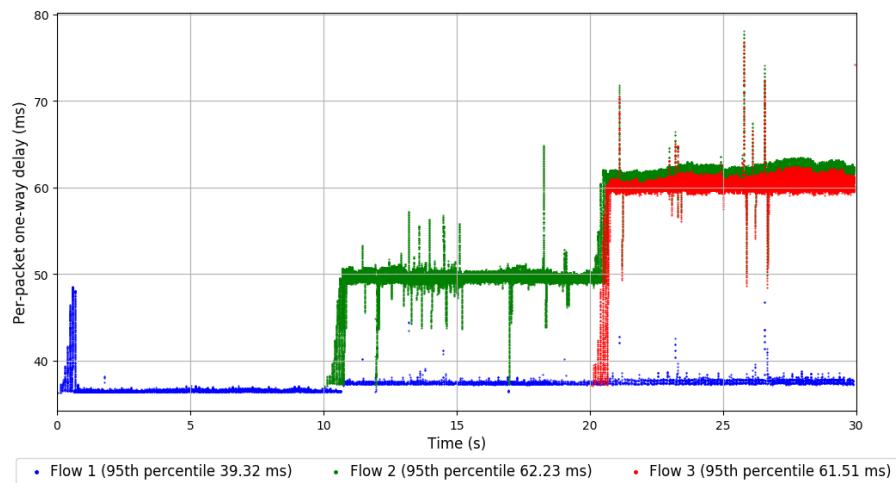
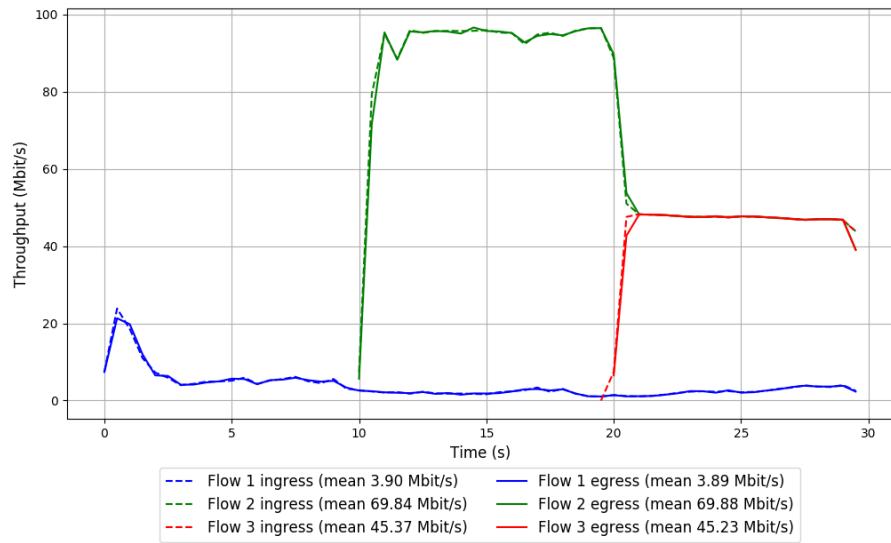


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sat, 29 Jul 2017 08:03:17 +0000
End at: Sat, 29 Jul 2017 08:03:47 +0000
Local clock offset: 0.71 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.30 Mbit/s
95th percentile per-packet one-way delay: 62.069 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 39.316 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 62.228 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 61.510 ms
Loss rate: 1.15%
```

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

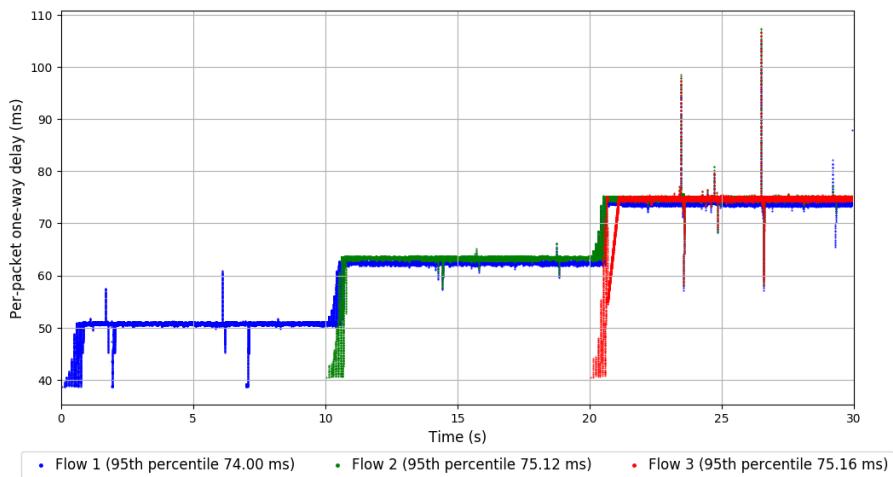
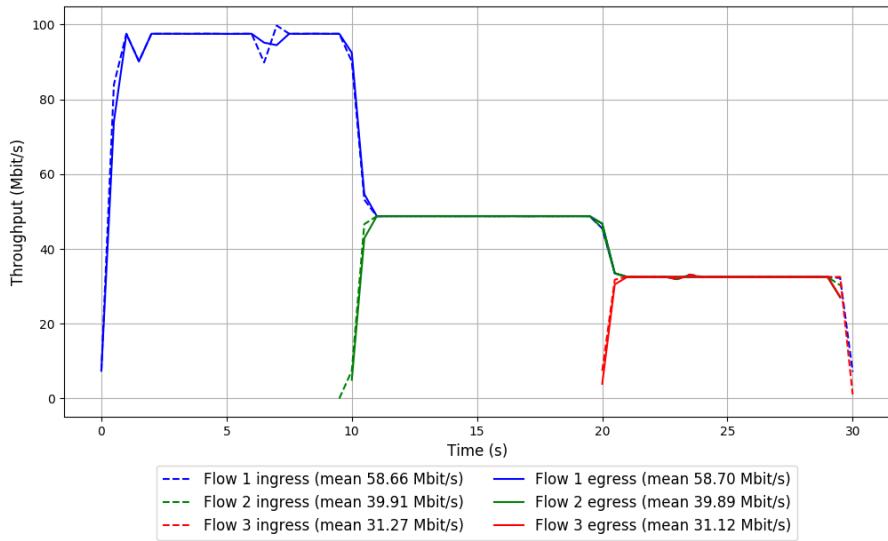


Run 2: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 08:24:21 +0000
End at: Sat, 29 Jul 2017 08:24:51 +0000
Local clock offset: 0.552 ms
Remote clock offset: -2.716 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 74.972 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 73.999 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 75.121 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 75.157 ms
Loss rate: 1.82%
```

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

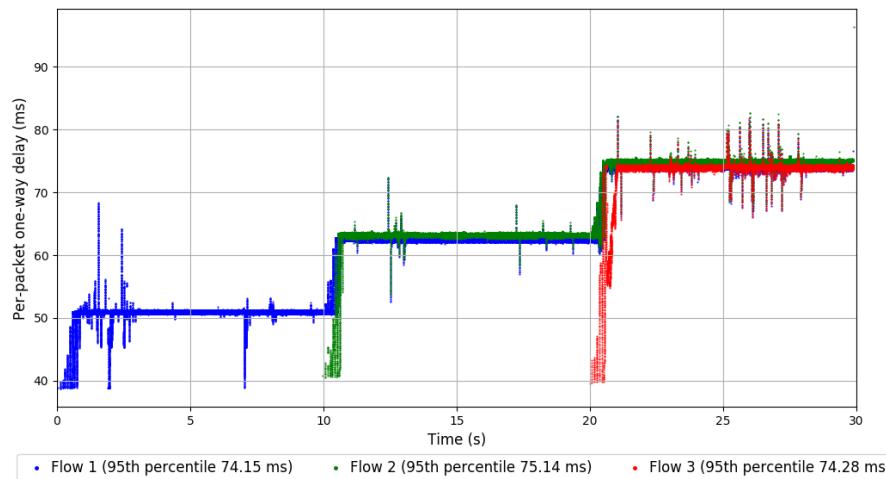
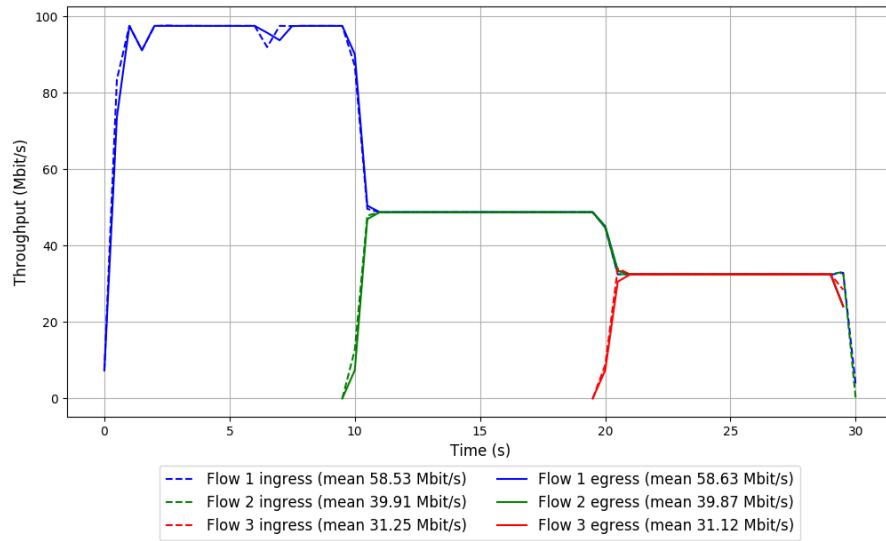


Run 3: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 08:45:20 +0000
End at: Sat, 29 Jul 2017 08:45:50 +0000
Local clock offset: 0.602 ms
Remote clock offset: -2.591 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 74.922 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 74.149 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 75.143 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 74.282 ms
Loss rate: 1.45%
```

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



Run 4: Statistics of TCP Cubic

Start at: Sat, 29 Jul 2017 09:06:21 +0000  
End at: Sat, 29 Jul 2017 09:06:51 +0000  
Local clock offset: 0.452 ms  
Remote clock offset: -2.47 ms

Run 4: Report of TCP Cubic — Data Link

Figure is missing

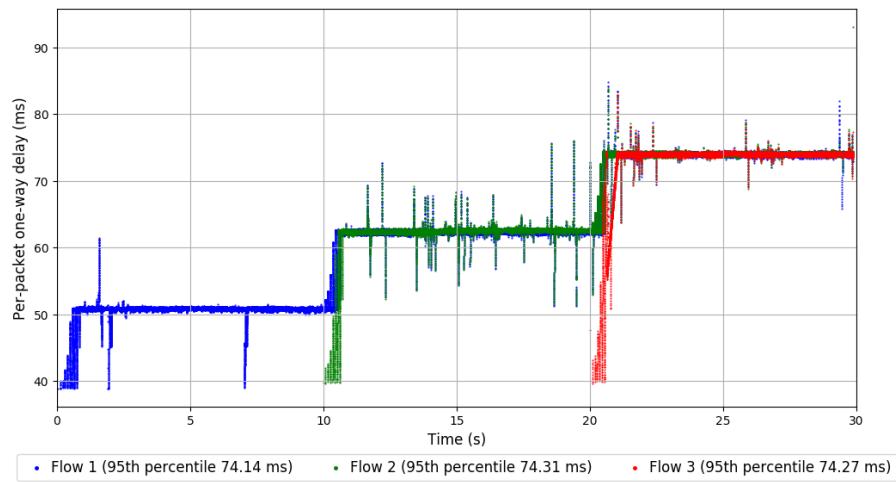
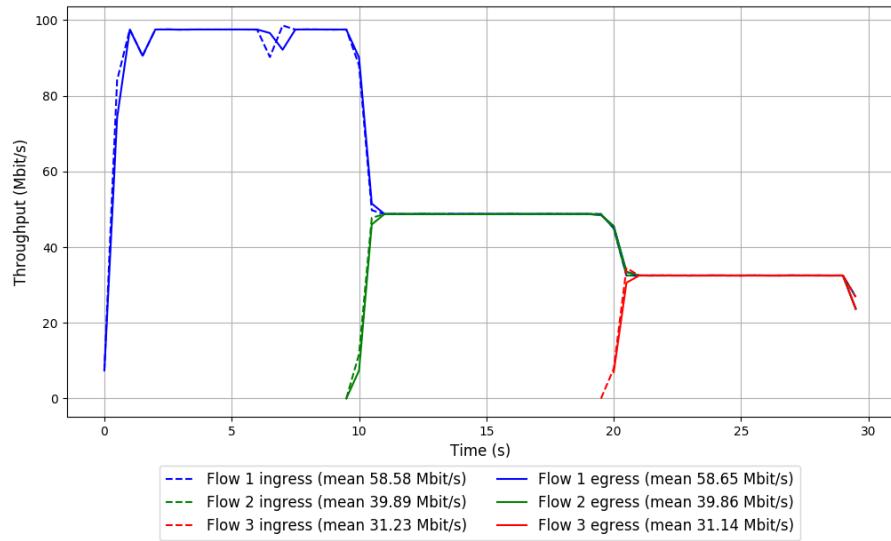
Figure is missing

Run 5: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 09:27:19 +0000
End at: Sat, 29 Jul 2017 09:27:49 +0000
Local clock offset: 0.508 ms
Remote clock offset: -2.291 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:02:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 74.243 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 74.144 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 74.310 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 74.273 ms
Loss rate: 1.27%
```

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

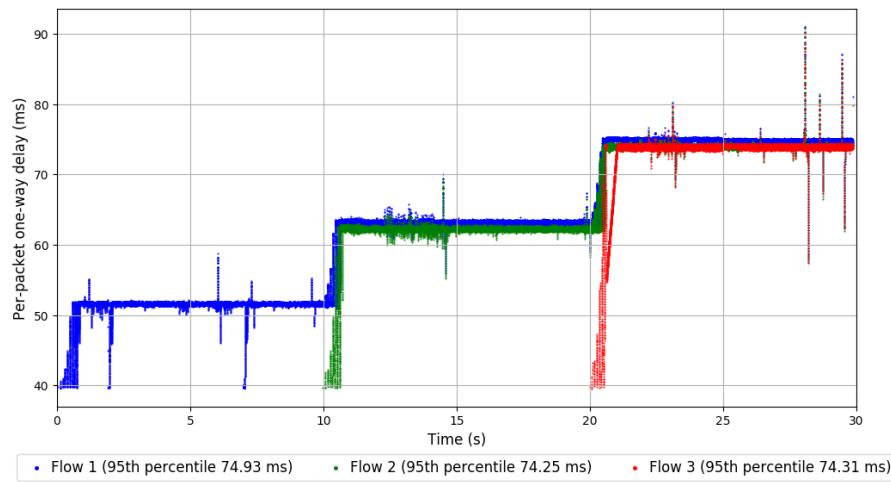
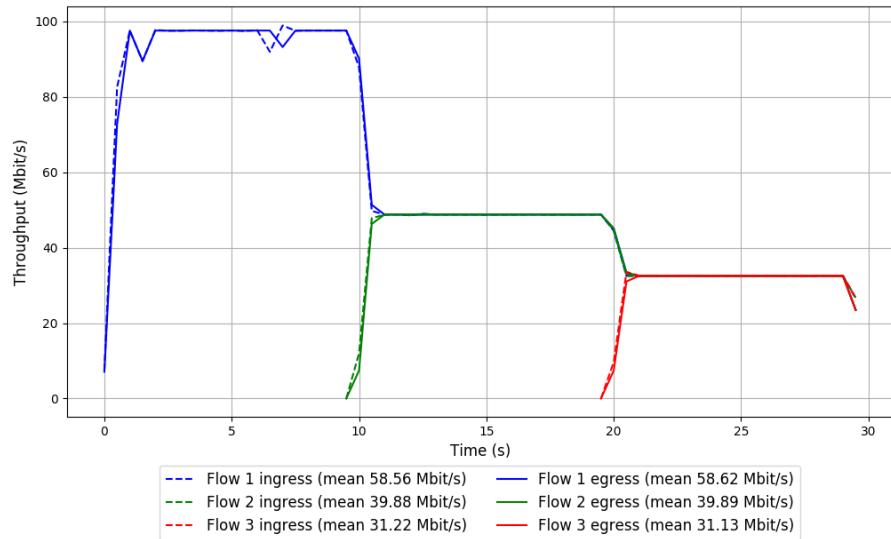


Run 6: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 09:48:22 +0000
End at: Sat, 29 Jul 2017 09:48:52 +0000
Local clock offset: 0.368 ms
Remote clock offset: -2.3 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 74.854 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.62 Mbit/s
95th percentile per-packet one-way delay: 74.929 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 74.245 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 74.310 ms
Loss rate: 1.27%
```

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

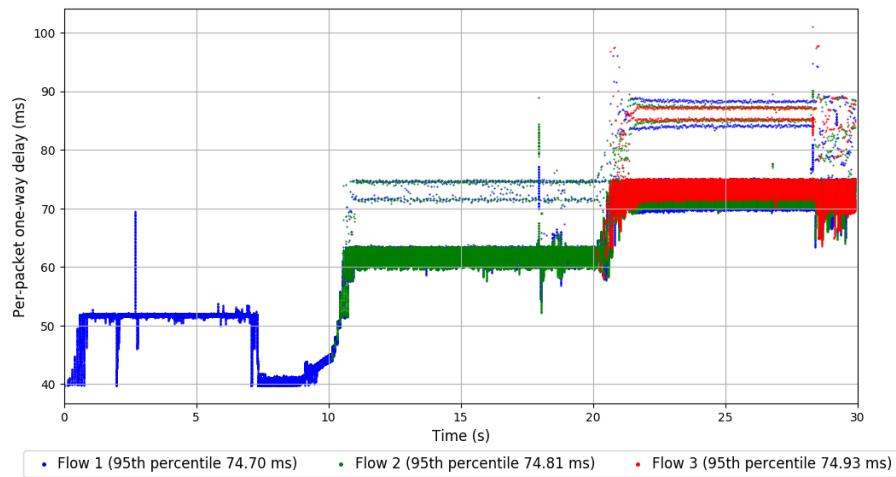
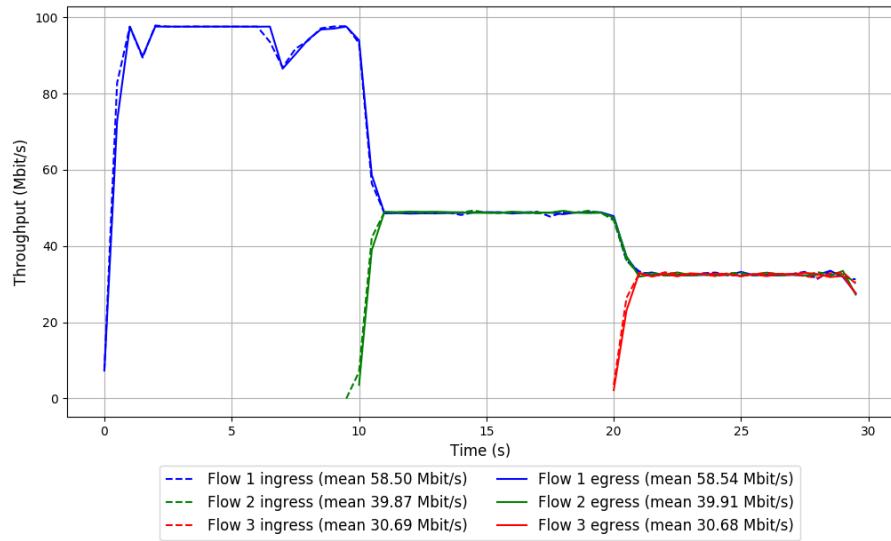


Run 7: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 10:09:23 +0000
End at: Sat, 29 Jul 2017 10:09:53 +0000
Local clock offset: 0.471 ms
Remote clock offset: -2.329 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 74.804 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 74.705 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 74.812 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 74.934 ms
Loss rate: 1.31%
```

Run 7: Report of TCP Cubic — Data Link

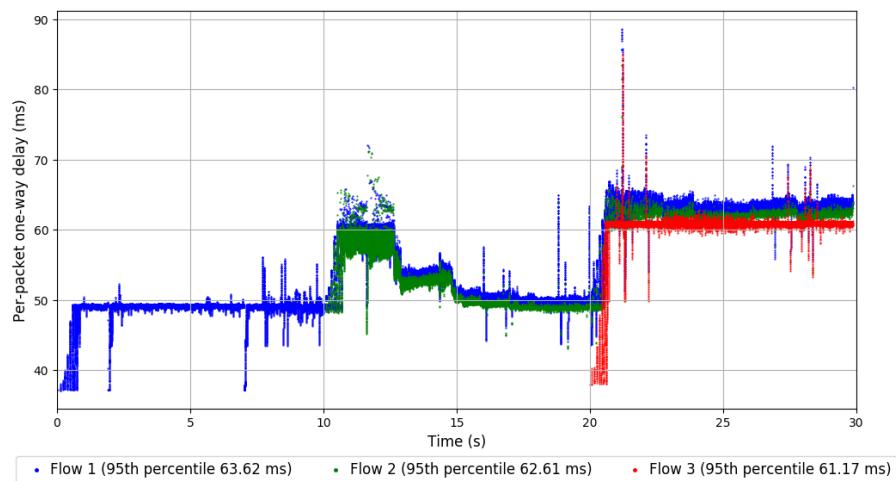
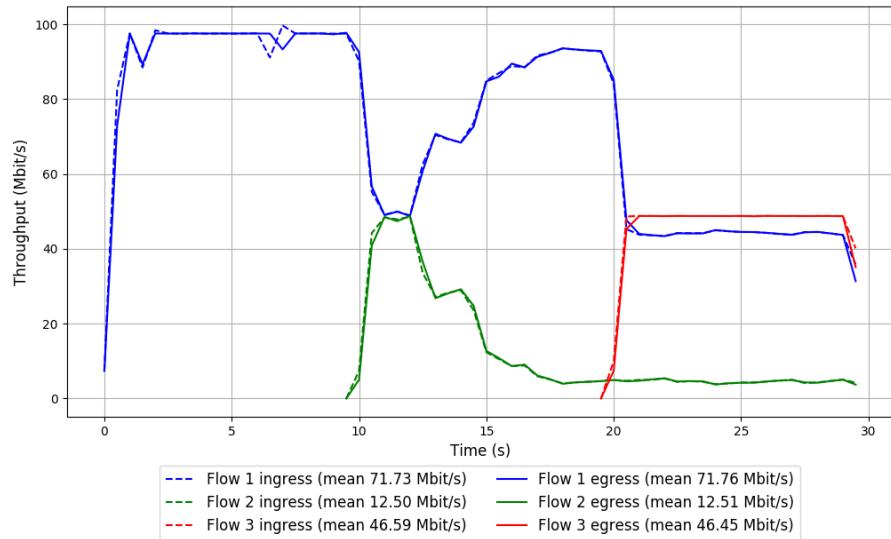


Run 8: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 10:30:37 +0000
End at: Sat, 29 Jul 2017 10:31:07 +0000
Local clock offset: 0.502 ms
Remote clock offset: 0.239 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 63.512 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 63.624 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 12.51 Mbit/s
95th percentile per-packet one-way delay: 62.606 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 46.45 Mbit/s
95th percentile per-packet one-way delay: 61.175 ms
Loss rate: 1.17%
```

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

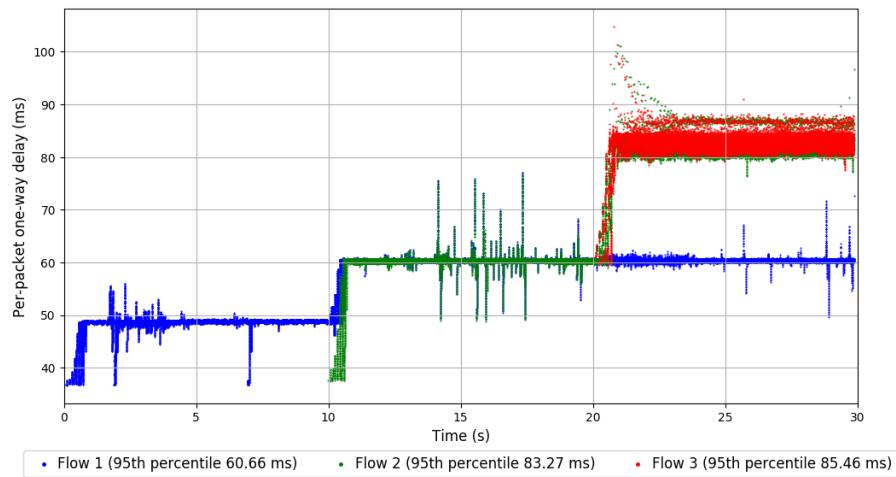
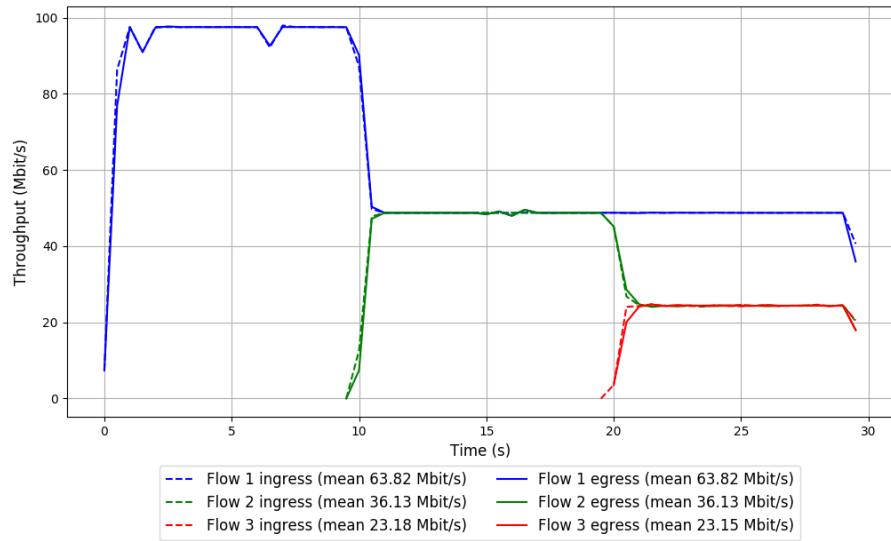


Run 9: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 10:51:40 +0000
End at: Sat, 29 Jul 2017 10:52:10 +0000
Local clock offset: 0.498 ms
Remote clock offset: -0.197 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 83.154 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 63.82 Mbit/s
95th percentile per-packet one-way delay: 60.662 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 83.268 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 85.456 ms
Loss rate: 1.45%
```

Run 9: Report of TCP Cubic — Data Link

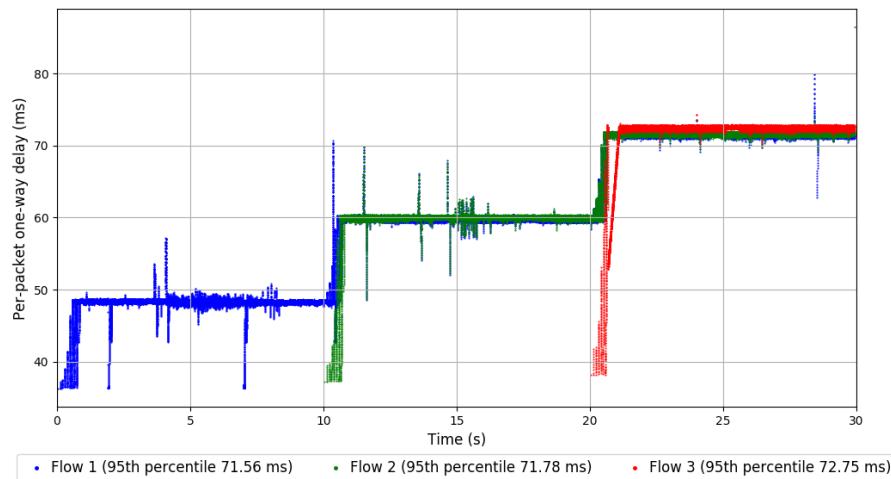
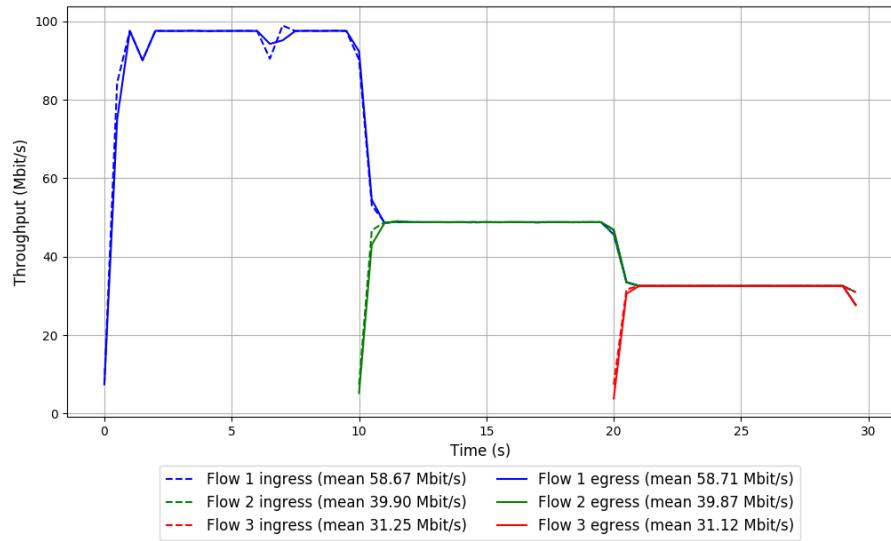


Run 10: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 11:12:56 +0000
End at: Sat, 29 Jul 2017 11:13:26 +0000
Local clock offset: 0.567 ms
Remote clock offset: 0.217 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 72.425 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 71.560 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 71.781 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 72.752 ms
Loss rate: 1.28%
```

Run 10: Report of TCP Cubic — Data Link

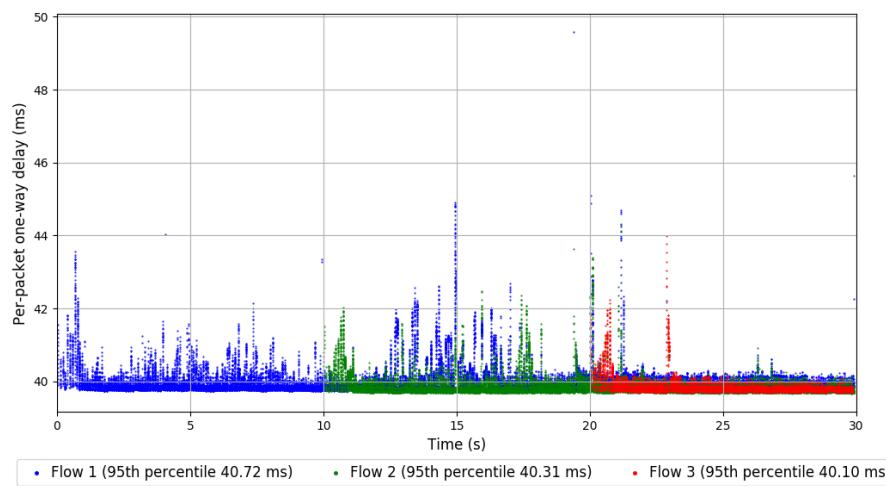
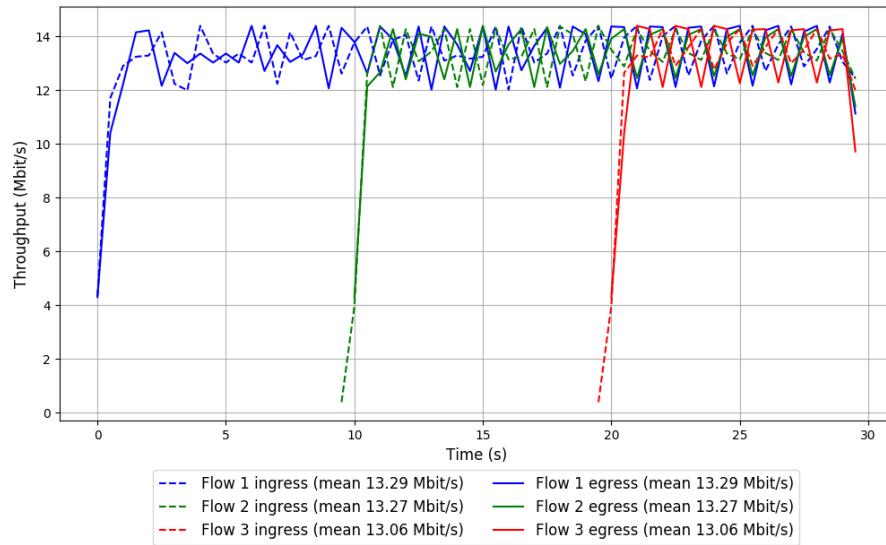


```
Run 1: Statistics of KohoCC
```

```
Start at: Sat, 29 Jul 2017 08:06:10 +0000
End at: Sat, 29 Jul 2017 08:06:40 +0000
Local clock offset: 0.603 ms
Remote clock offset: -2.666 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 40.498 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 40.722 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 40.309 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 40.104 ms
Loss rate: 0.92%
```

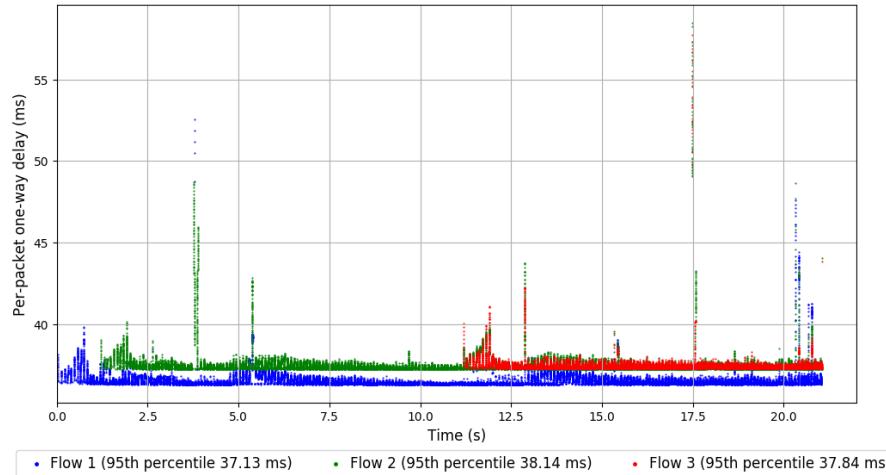
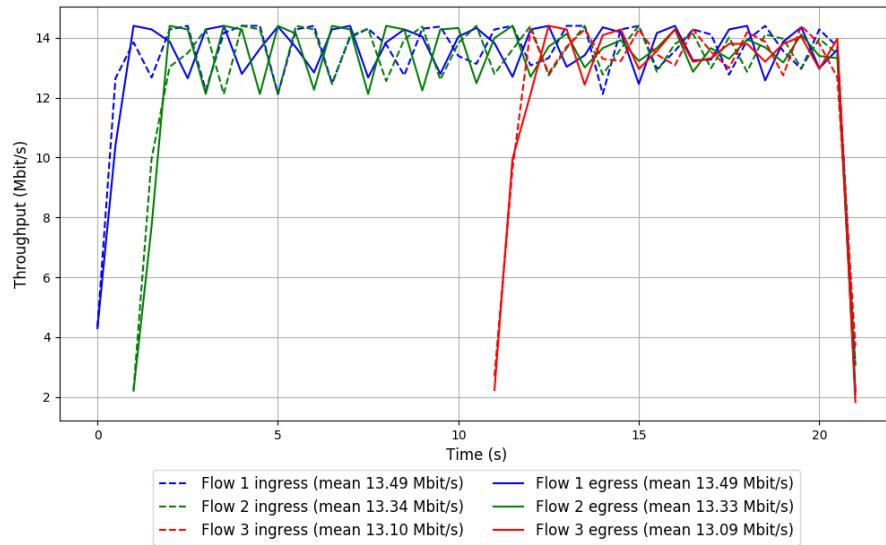
Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sat, 29 Jul 2017 08:27:16 +0000  
End at: Sat, 29 Jul 2017 08:27:46 +0000  
Local clock offset: 0.634 ms  
Remote clock offset: -0.255 ms

Run 2: Report of KohoCC — Data Link

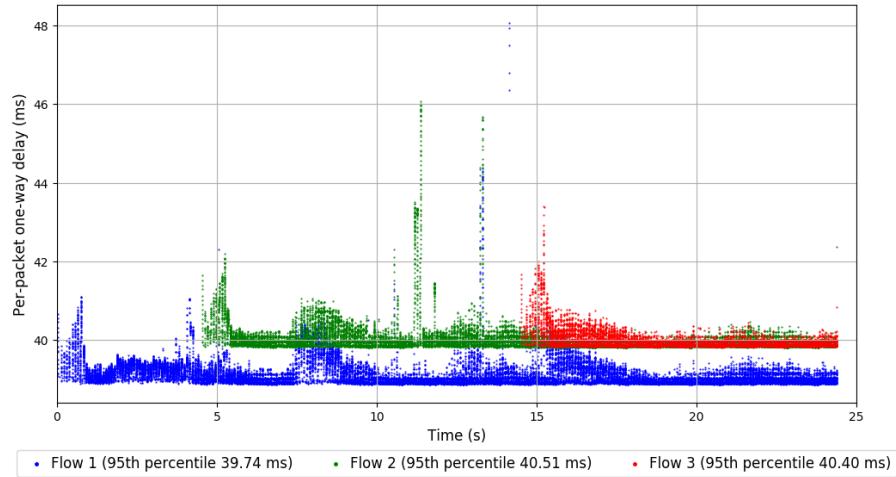
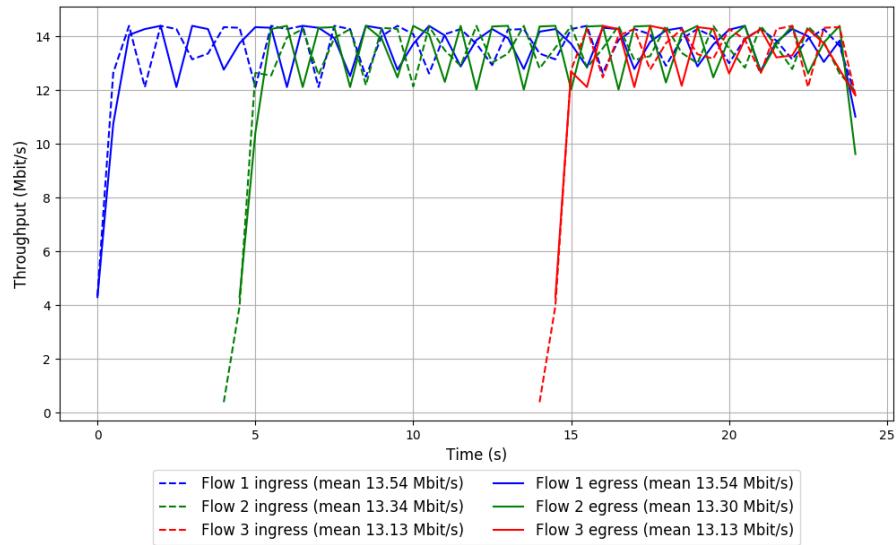


Run 3: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 08:48:14 +0000
End at: Sat, 29 Jul 2017 08:48:44 +0000
Local clock offset: 0.597 ms
Remote clock offset: -2.72 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.71 Mbit/s
95th percentile per-packet one-way delay: 40.273 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 39.741 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 40.509 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.13 Mbit/s
95th percentile per-packet one-way delay: 40.397 ms
Loss rate: 0.88%
```

Run 3: Report of KohoCC — Data Link

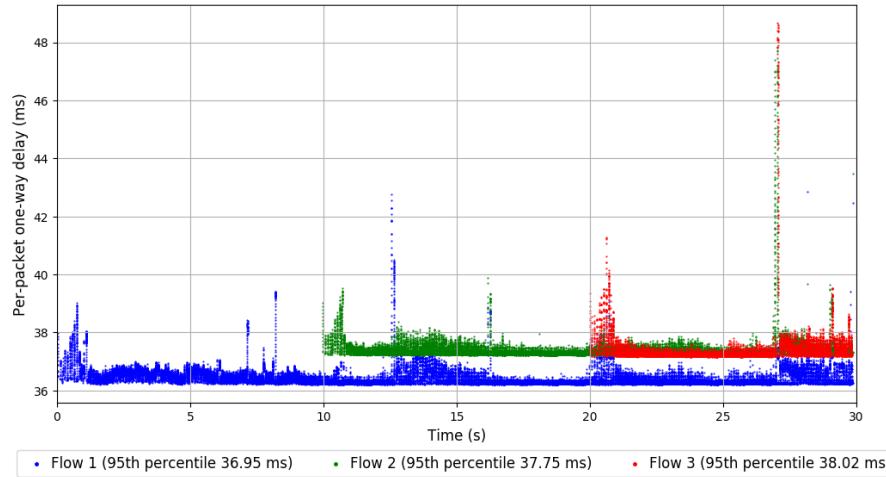
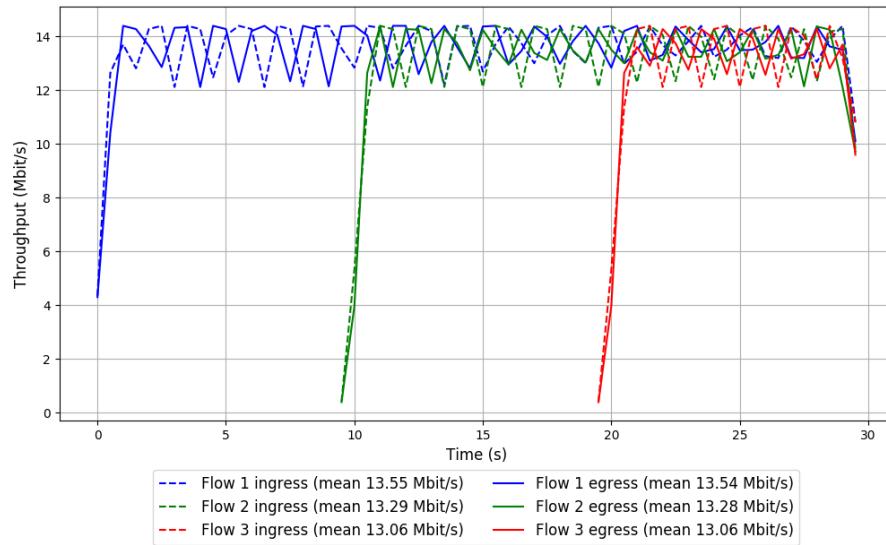


Run 4: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 09:09:14 +0000
End at: Sat, 29 Jul 2017 09:09:44 +0000
Local clock offset: 0.538 ms
Remote clock offset: 0.188 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.71 Mbit/s
95th percentile per-packet one-way delay: 37.663 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 36.955 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 37.753 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 38.015 ms
Loss rate: 0.92%
```

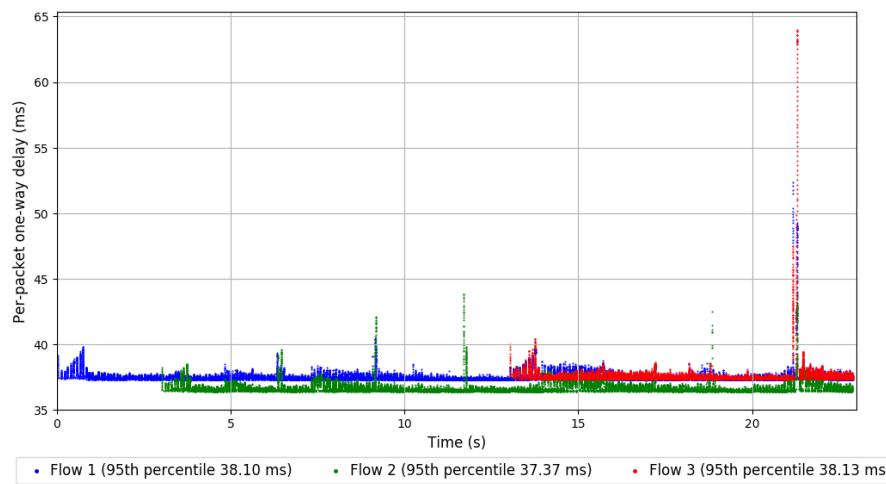
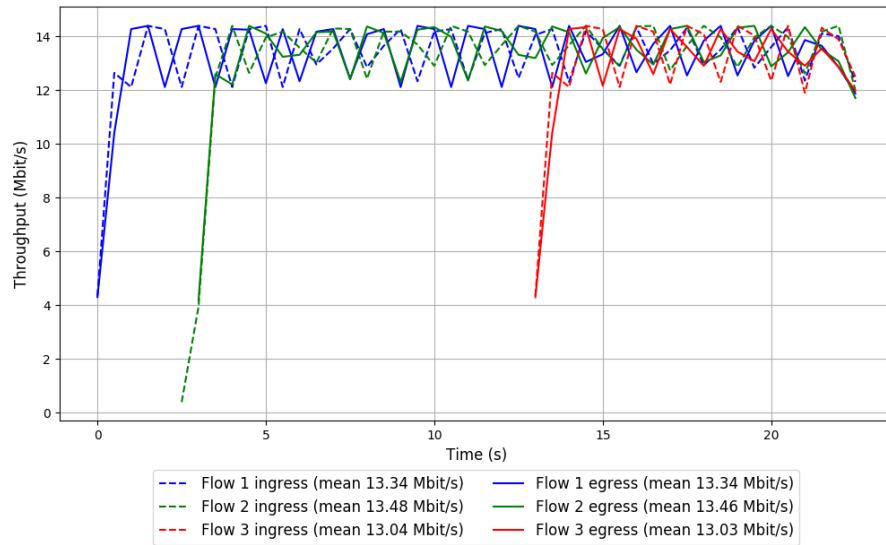
Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sat, 29 Jul 2017 09:30:14 +0000  
End at: Sat, 29 Jul 2017 09:30:44 +0000  
Local clock offset: 0.497 ms  
Remote clock offset: 0.2 ms

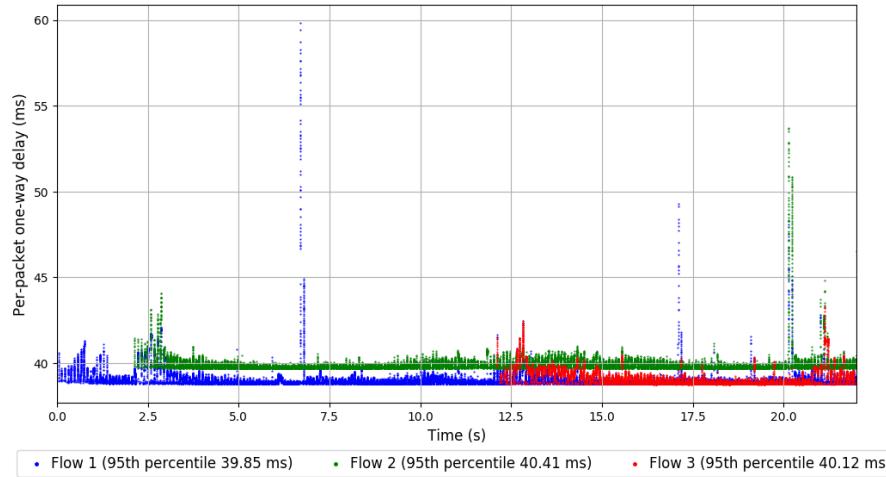
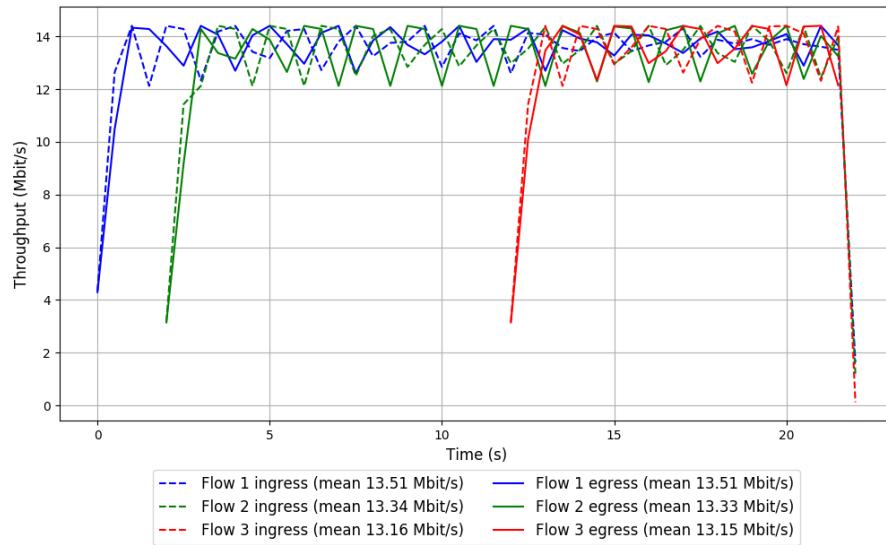
Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sat, 29 Jul 2017 09:51:16 +0000  
End at: Sat, 29 Jul 2017 09:51:46 +0000  
Local clock offset: 0.504 ms  
Remote clock offset: -2.151 ms

Run 6: Report of KohoCC — Data Link

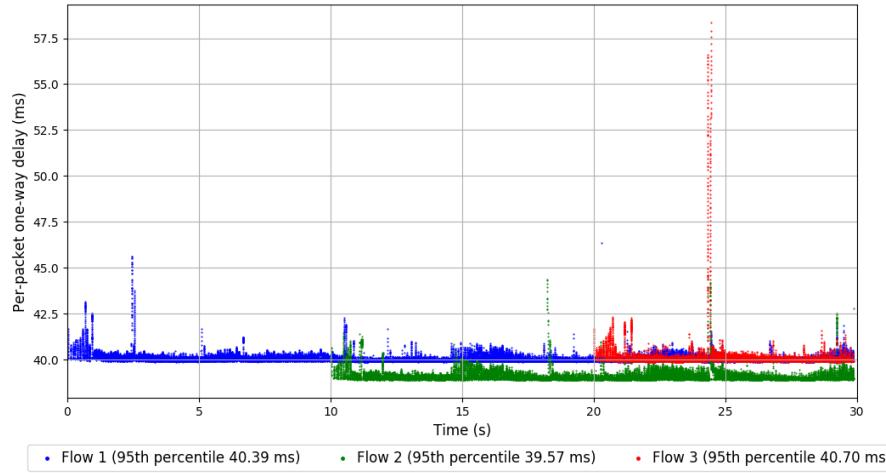
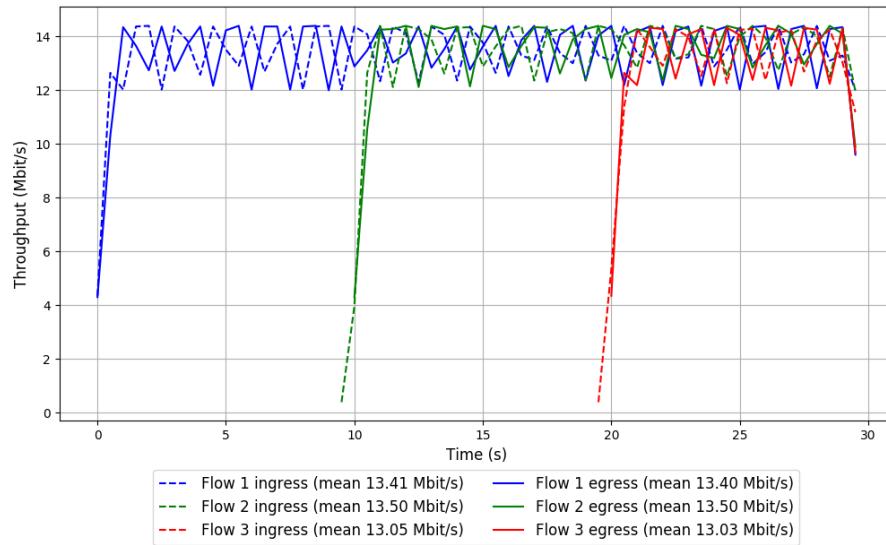


Run 7: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 10:12:19 +0000
End at: Sat, 29 Jul 2017 10:12:49 +0000
Local clock offset: 0.487 ms
Remote clock offset: -2.376 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 40.359 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 40.393 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 13.50 Mbit/s
95th percentile per-packet one-way delay: 39.570 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 40.703 ms
Loss rate: 0.96%
```

Run 7: Report of KohoCC — Data Link

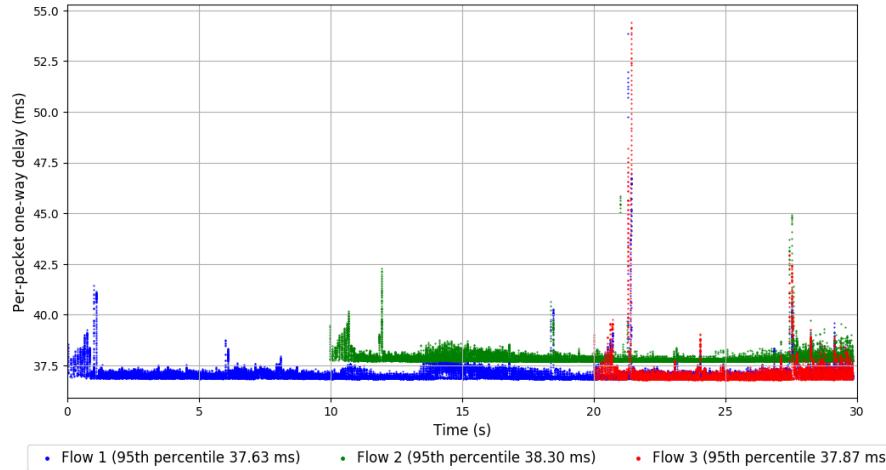
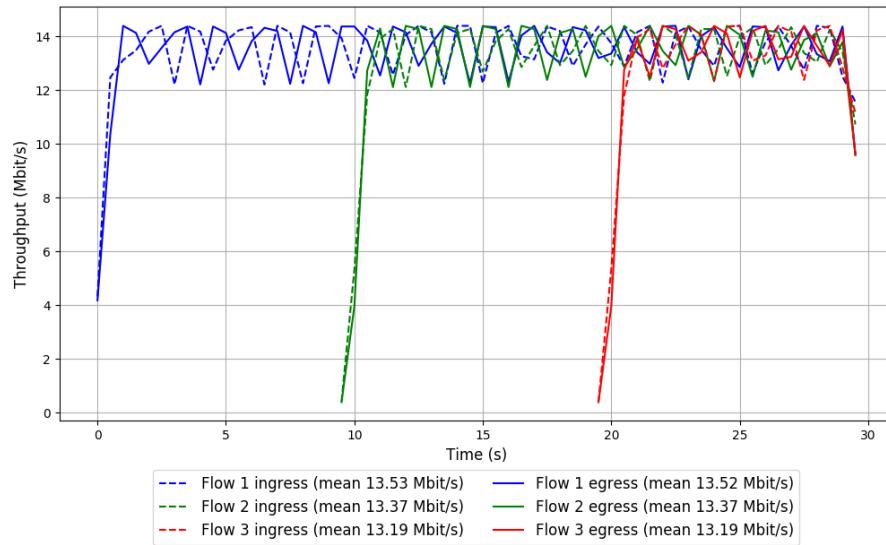


Run 8: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 10:33:32 +0000
End at: Sat, 29 Jul 2017 10:34:02 +0000
Local clock offset: 0.478 ms
Remote clock offset: -0.324 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 38.115 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 37.629 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 13.37 Mbit/s
95th percentile per-packet one-way delay: 38.297 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 37.867 ms
Loss rate: 0.92%
```

## Run 8: Report of KohoCC — Data Link

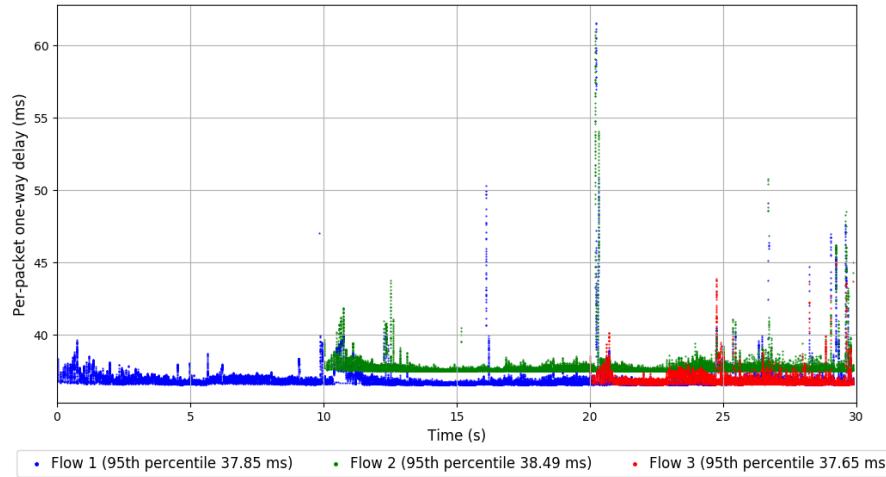
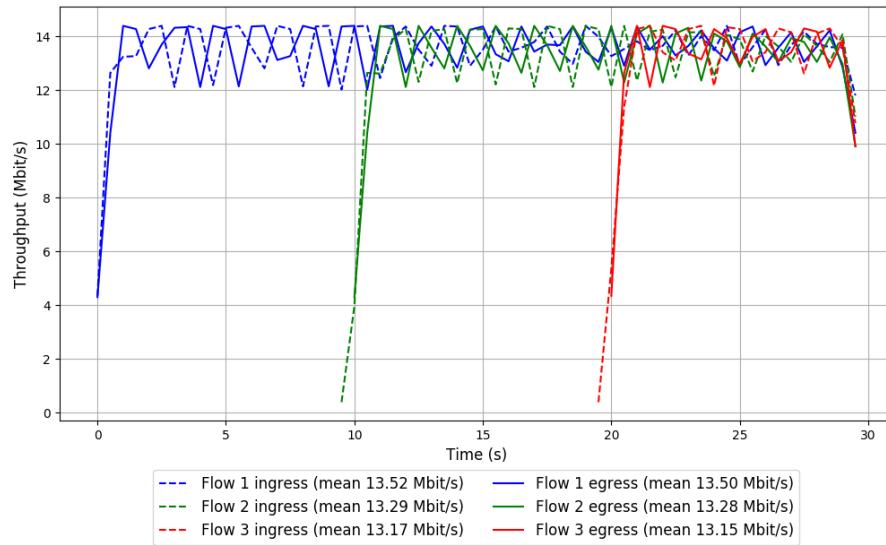


Run 9: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 10:54:34 +0000
End at: Sat, 29 Jul 2017 10:55:04 +0000
Local clock offset: 0.44 ms
Remote clock offset: -0.195 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.69 Mbit/s
95th percentile per-packet one-way delay: 38.197 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 13.50 Mbit/s
95th percentile per-packet one-way delay: 37.854 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 38.494 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 37.654 ms
Loss rate: 0.91%
```

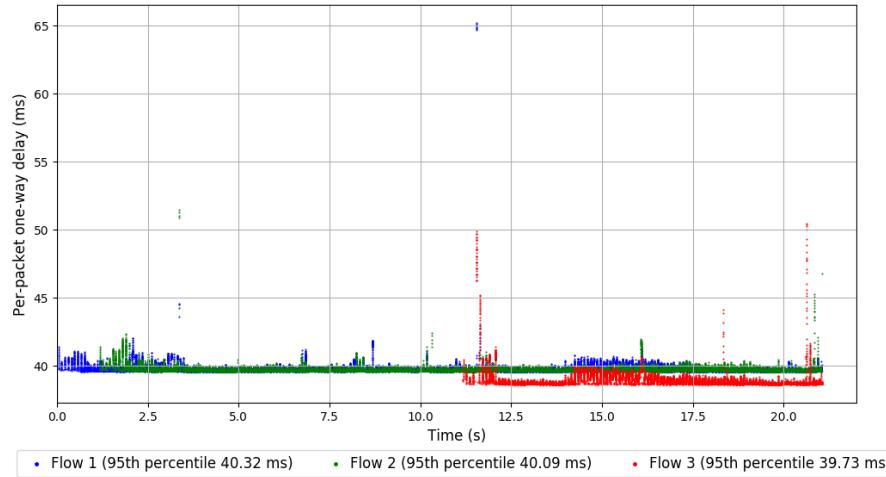
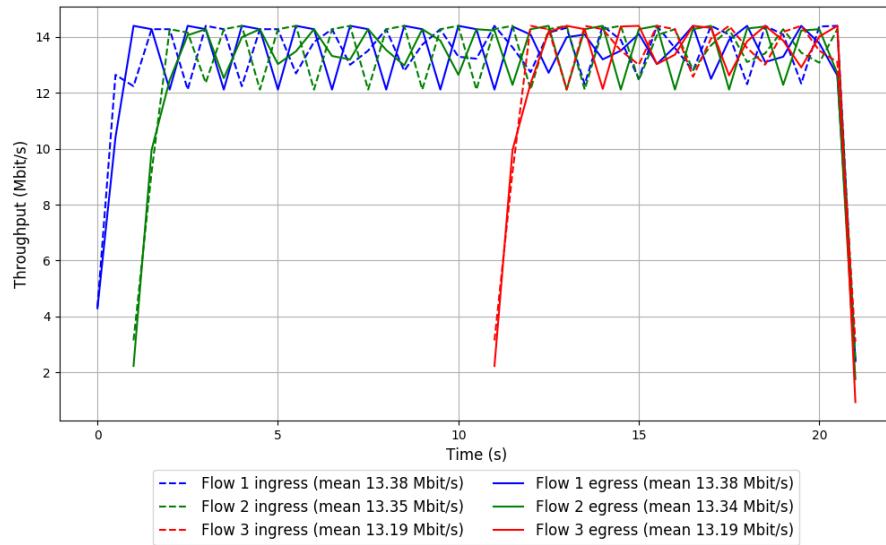
Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sat, 29 Jul 2017 11:15:51 +0000  
End at: Sat, 29 Jul 2017 11:16:21 +0000  
Local clock offset: 0.479 ms  
Remote clock offset: -2.24 ms

Run 10: Report of KohoCC — Data Link

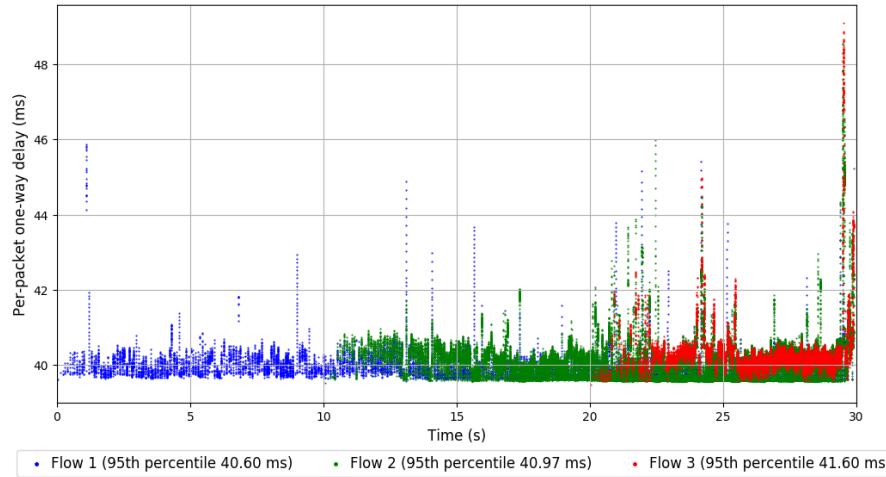
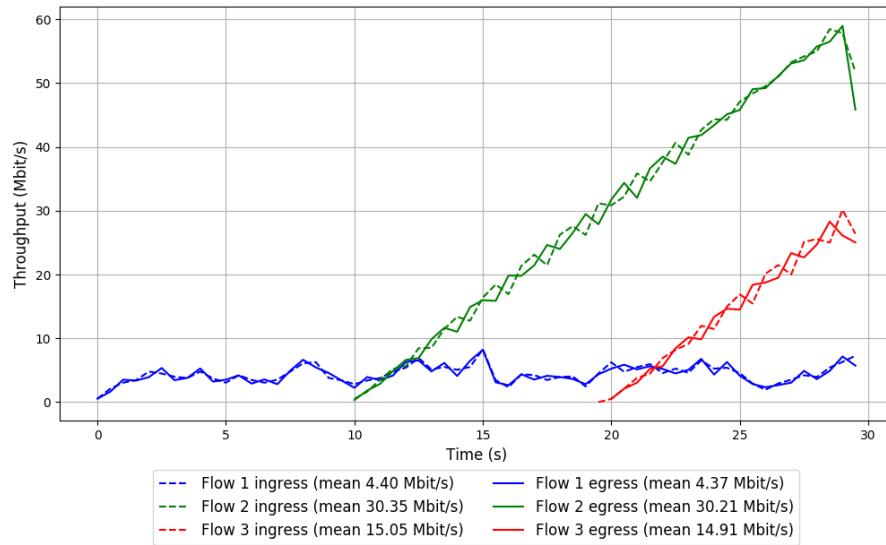


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sat, 29 Jul 2017 08:01:56 +0000
End at: Sat, 29 Jul 2017 08:02:26 +0000
Local clock offset: 0.599 ms
Remote clock offset: -2.484 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 41.019 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 40.603 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 30.21 Mbit/s
95th percentile per-packet one-way delay: 40.968 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 41.602 ms
Loss rate: 1.79%
```

Run 1: Report of LEDBAT — Data Link

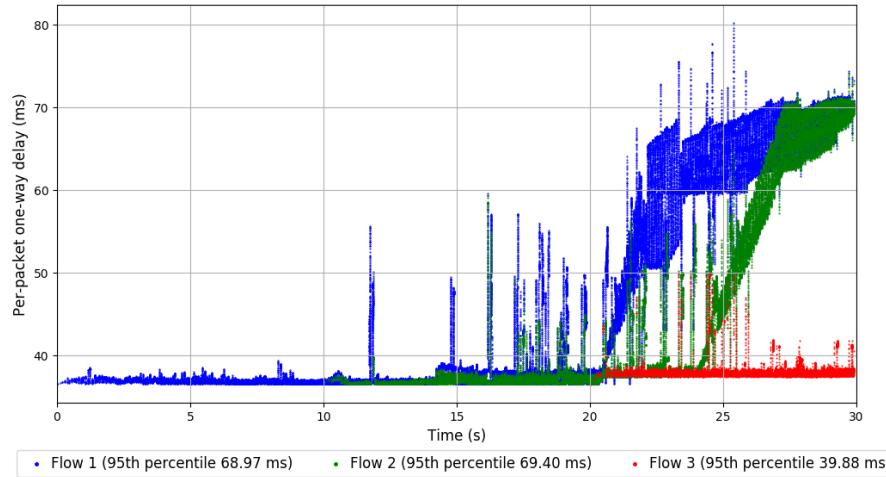
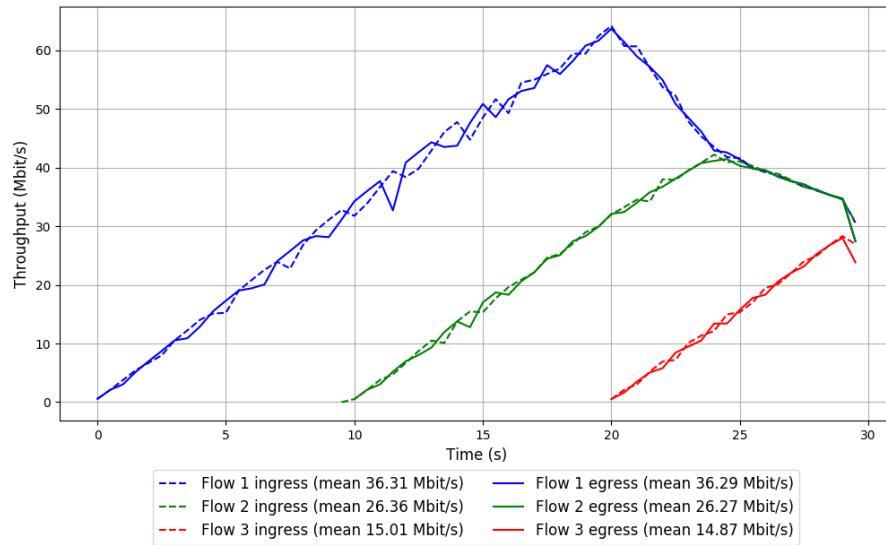


Run 2: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 08:22:57 +0000
End at: Sat, 29 Jul 2017 08:23:27 +0000
Local clock offset: 0.548 ms
Remote clock offset: -0.613 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 69.029 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 68.970 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 69.402 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 39.885 ms
Loss rate: 1.77%
```

Run 2: Report of LEDBAT — Data Link

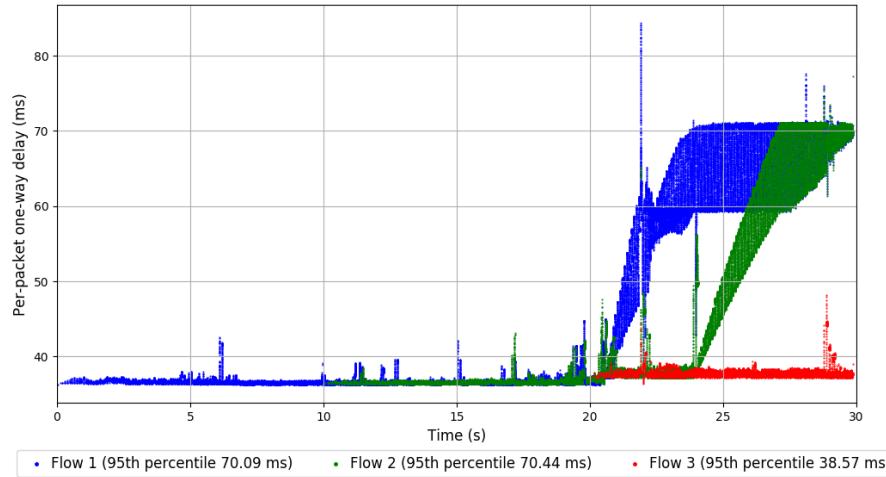
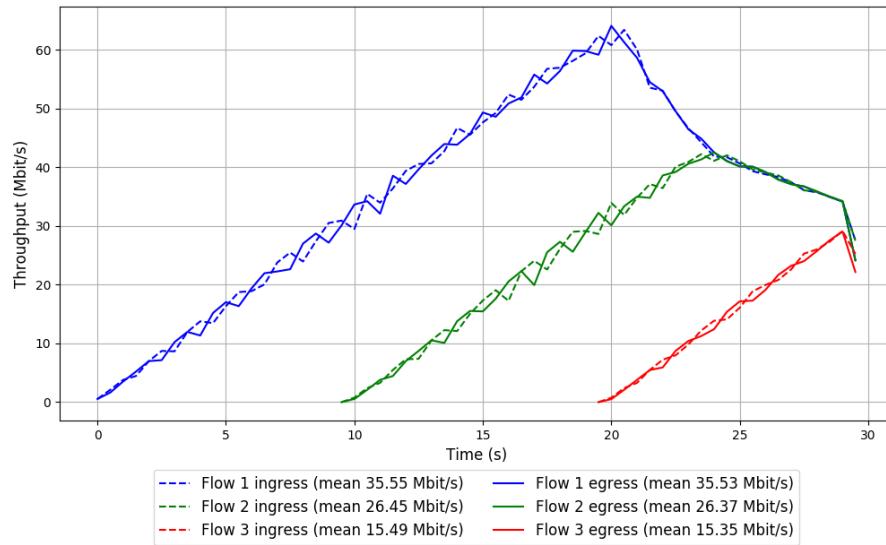


Run 3: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 08:43:56 +0000
End at: Sat, 29 Jul 2017 08:44:26 +0000
Local clock offset: 0.611 ms
Remote clock offset: -0.15 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 70.073 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 70.091 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 26.37 Mbit/s
95th percentile per-packet one-way delay: 70.439 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 38.568 ms
Loss rate: 1.76%
```

Run 3: Report of LEDBAT — Data Link

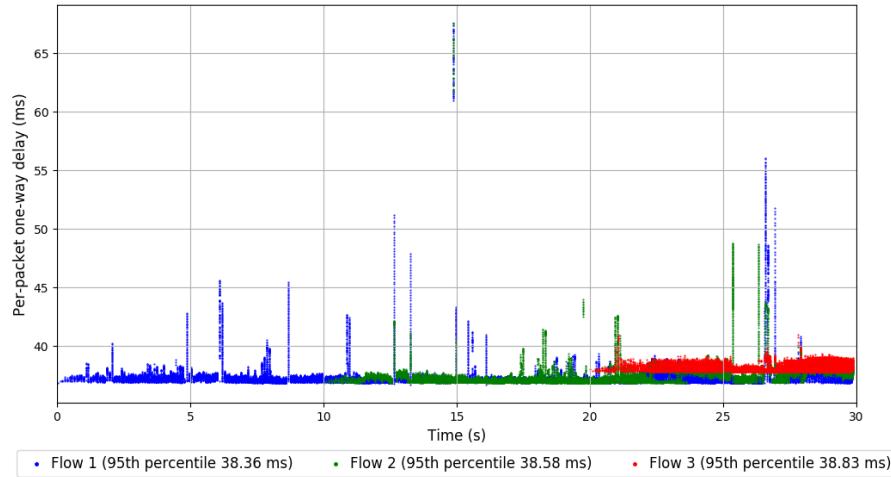
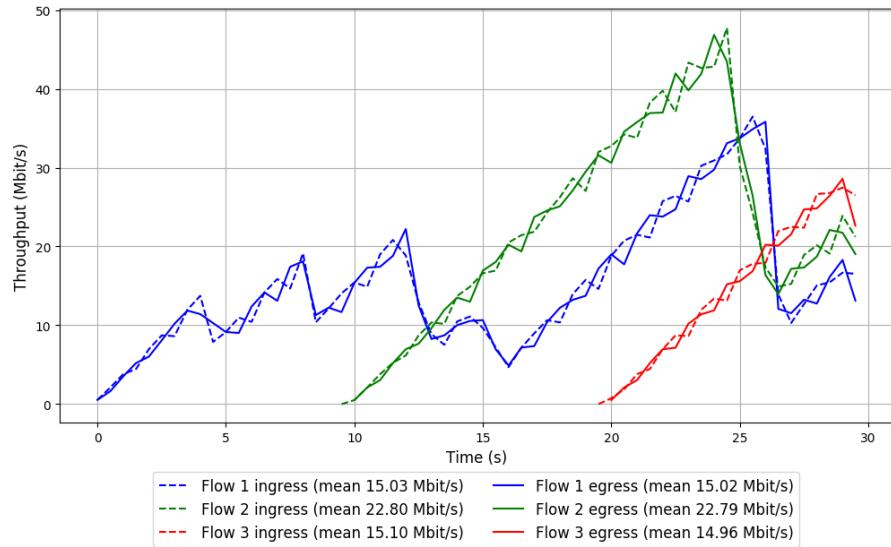


Run 4: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 09:04:59 +0000
End at: Sat, 29 Jul 2017 09:05:29 +0000
Local clock offset: 0.574 ms
Remote clock offset: -0.42 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:03:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 38.689 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 38.362 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 38.581 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 14.96 Mbit/s
95th percentile per-packet one-way delay: 38.828 ms
Loss rate: 1.79%
```

Run 4: Report of LEDBAT — Data Link

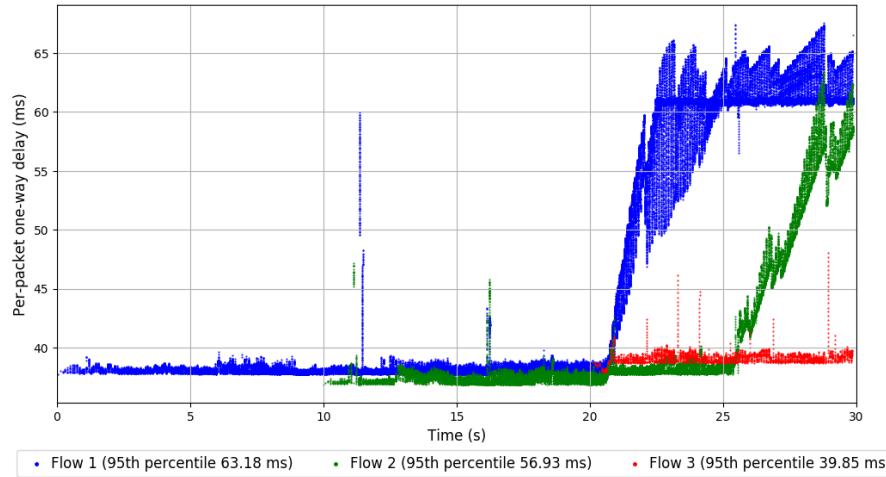
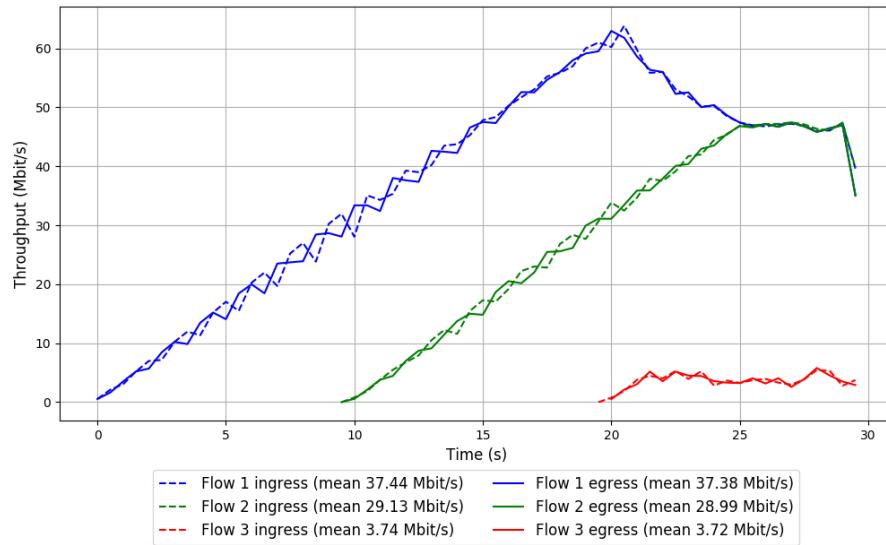


Run 5: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 09:25:54 +0000
End at: Sat, 29 Jul 2017 09:26:24 +0000
Local clock offset: 0.54 ms
Remote clock offset: -0.236 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.92 Mbit/s
95th percentile per-packet one-way delay: 62.039 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 63.178 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 56.933 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 39.846 ms
Loss rate: 1.49%
```

Run 5: Report of LEDBAT — Data Link

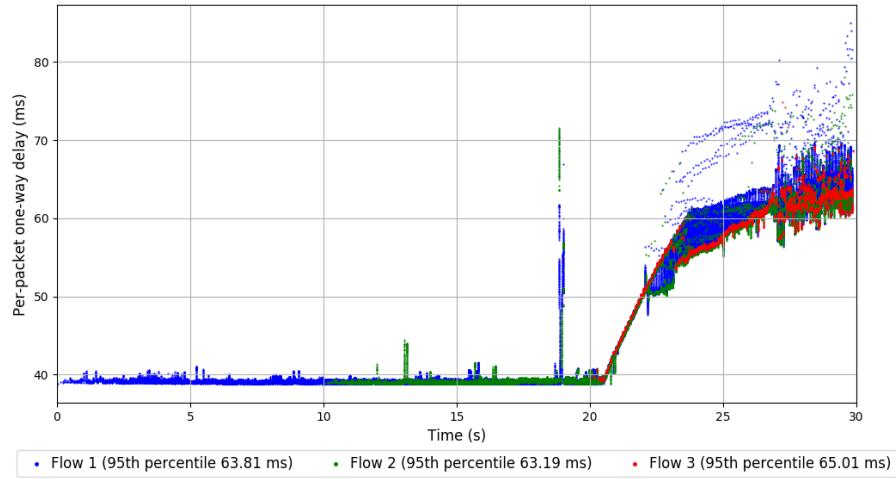
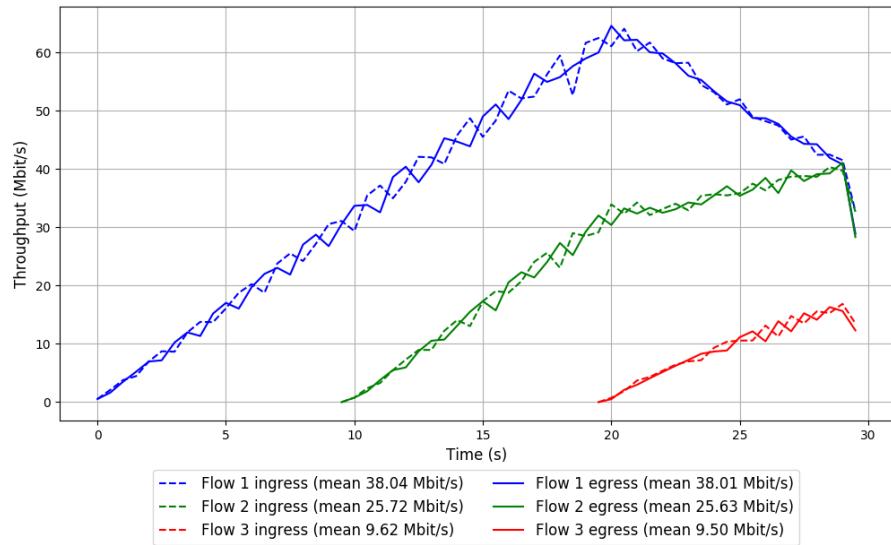


Run 6: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 09:46:58 +0000
End at: Sat, 29 Jul 2017 09:47:28 +0000
Local clock offset: 0.475 ms
Remote clock offset: -2.266 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 63.625 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 63.815 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 63.194 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 65.008 ms
Loss rate: 2.00%
```

Run 6: Report of LEDBAT — Data Link

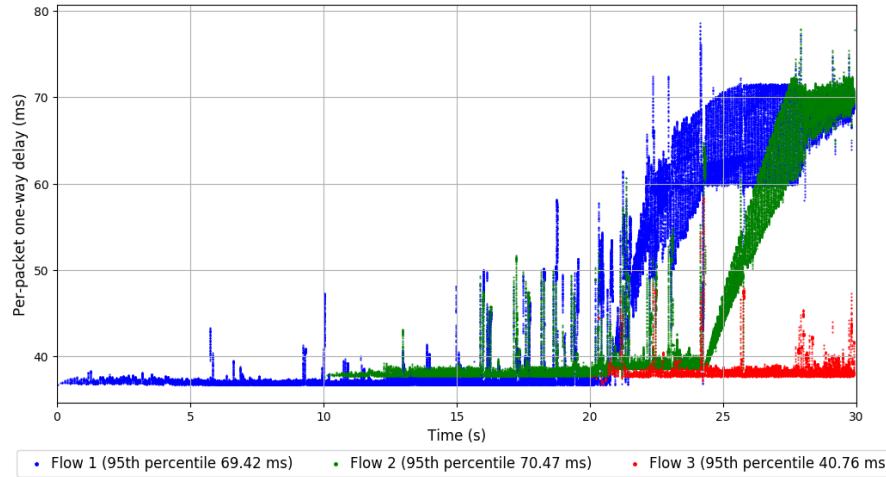
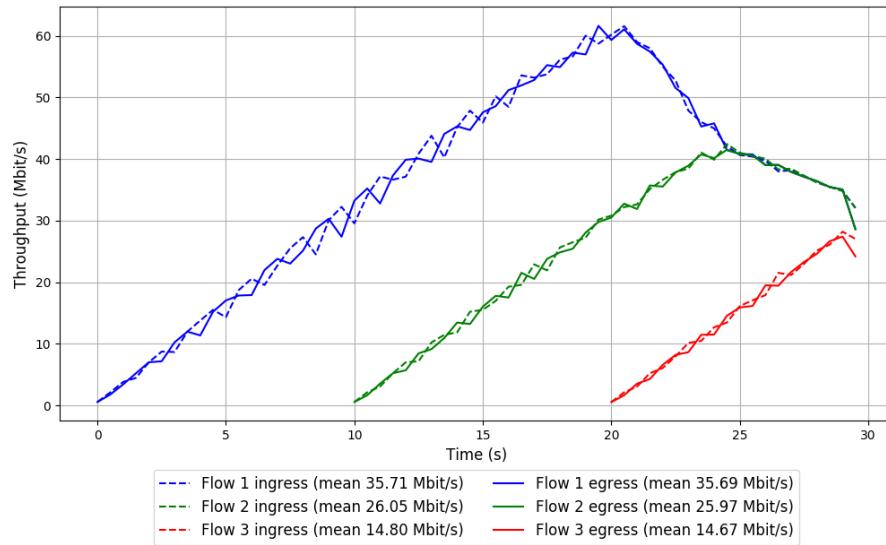


Run 7: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 10:07:59 +0000
End at: Sat, 29 Jul 2017 10:08:29 +0000
Local clock offset: 0.451 ms
Remote clock offset: -0.235 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 69.716 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 69.416 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 25.97 Mbit/s
95th percentile per-packet one-way delay: 70.468 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 40.756 ms
Loss rate: 1.77%
```

Run 7: Report of LEDBAT — Data Link

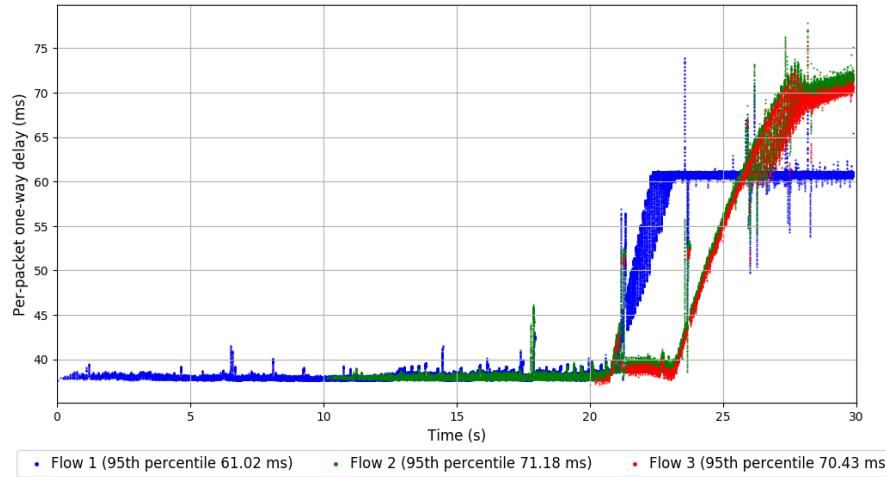
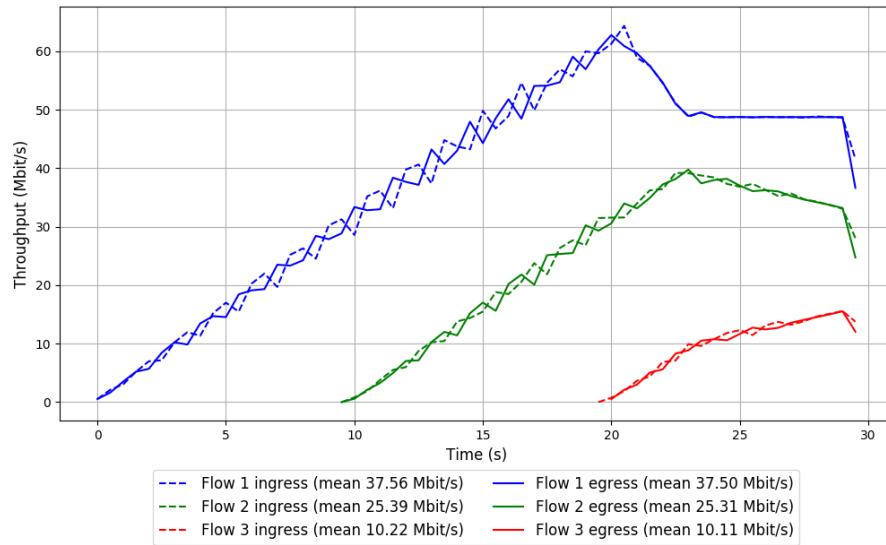


Run 8: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 10:29:13 +0000
End at: Sat, 29 Jul 2017 10:29:43 +0000
Local clock offset: 0.498 ms
Remote clock offset: -0.241 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 69.808 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 61.019 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 71.178 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 70.426 ms
Loss rate: 1.92%
```

Run 8: Report of LEDBAT — Data Link

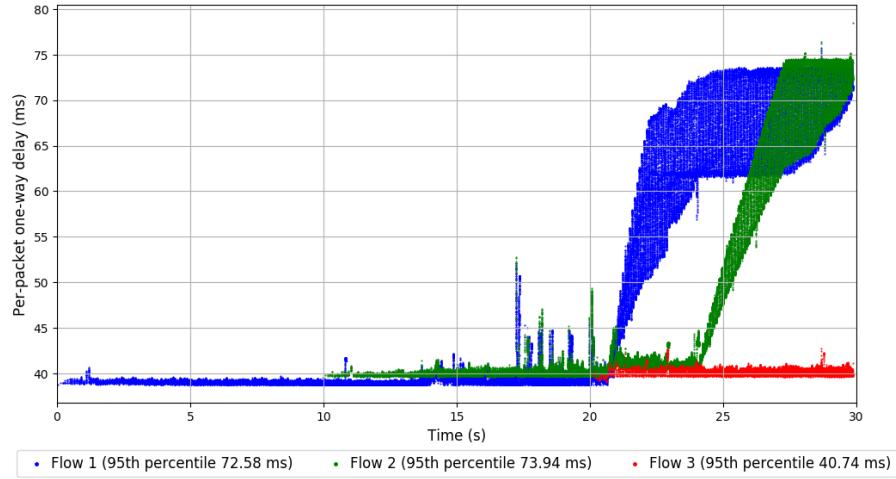
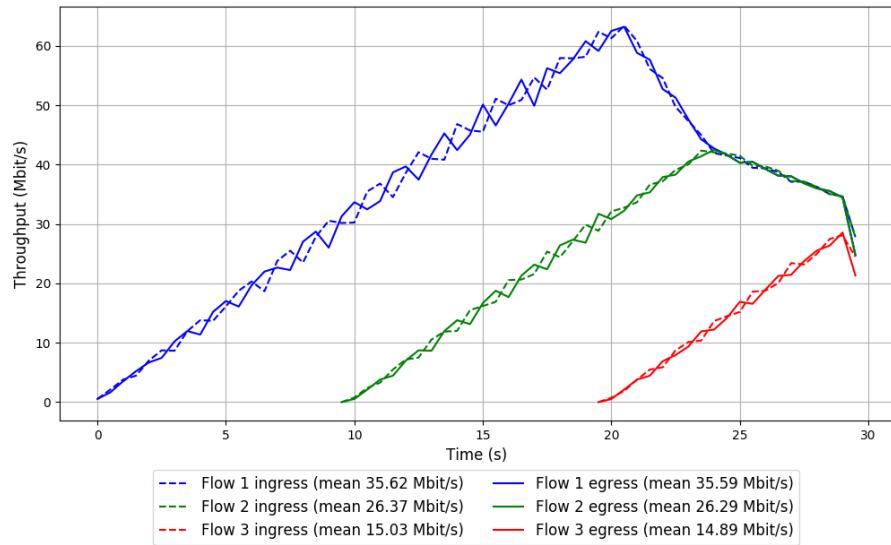


Run 9: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 10:50:16 +0000
End at: Sat, 29 Jul 2017 10:50:46 +0000
Local clock offset: 0.421 ms
Remote clock offset: -2.331 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 72.875 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 72.580 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 26.29 Mbit/s
95th percentile per-packet one-way delay: 73.945 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 14.89 Mbit/s
95th percentile per-packet one-way delay: 40.741 ms
Loss rate: 1.78%
```

## Run 9: Report of LEDBAT — Data Link

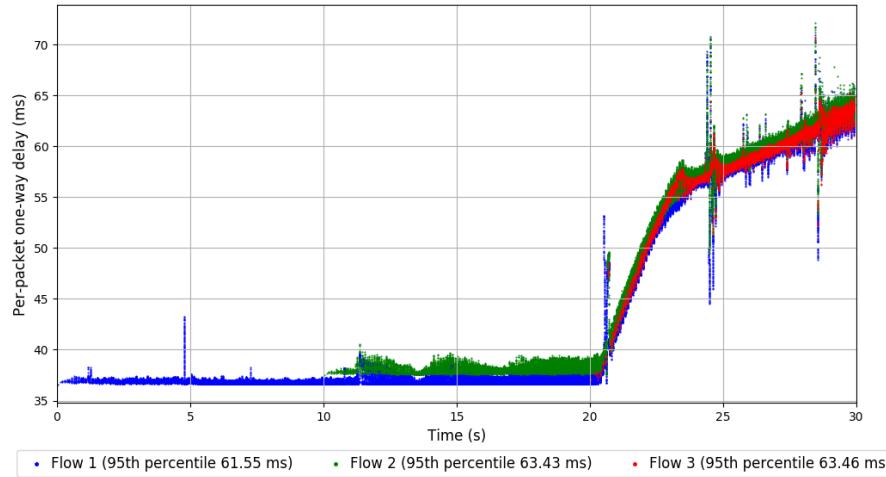
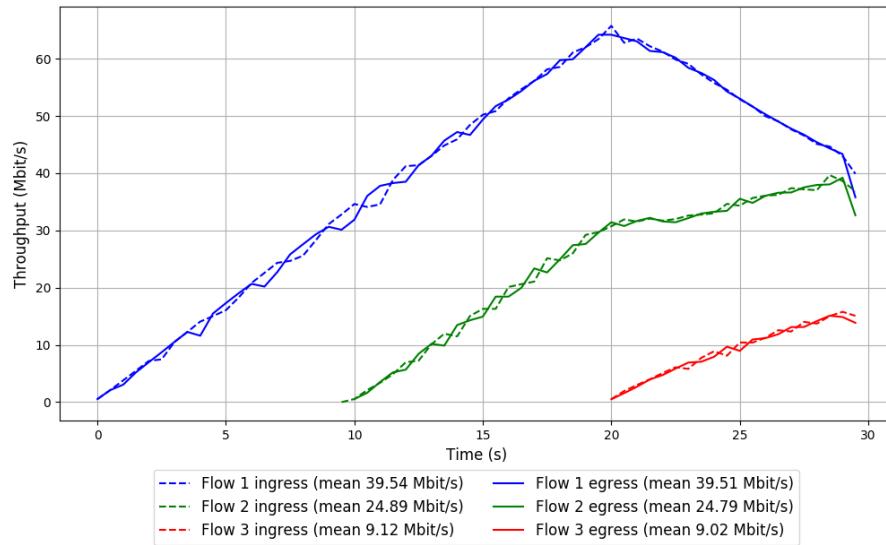


Run 10: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 11:11:32 +0000
End at: Sat, 29 Jul 2017 11:12:02 +0000
Local clock offset: 0.551 ms
Remote clock offset: -0.183 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 62.523 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 61.545 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 63.431 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 63.464 ms
Loss rate: 2.03%
```

## Run 10: Report of LEDBAT — Data Link

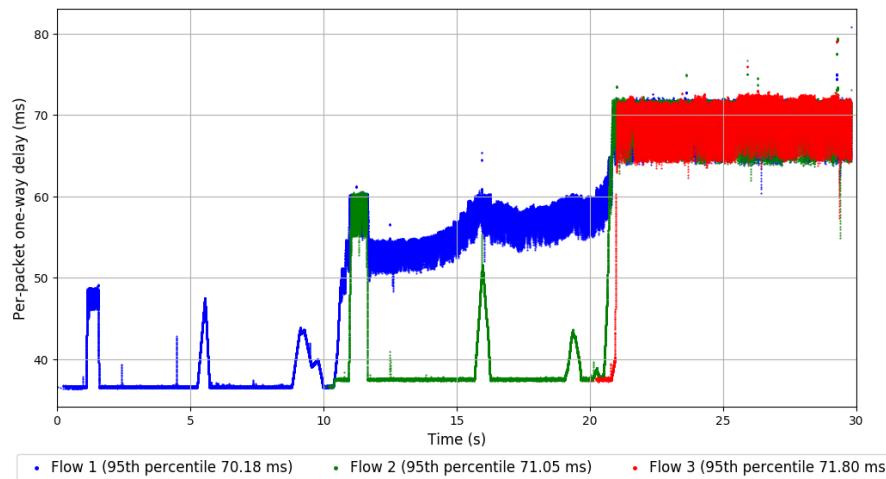
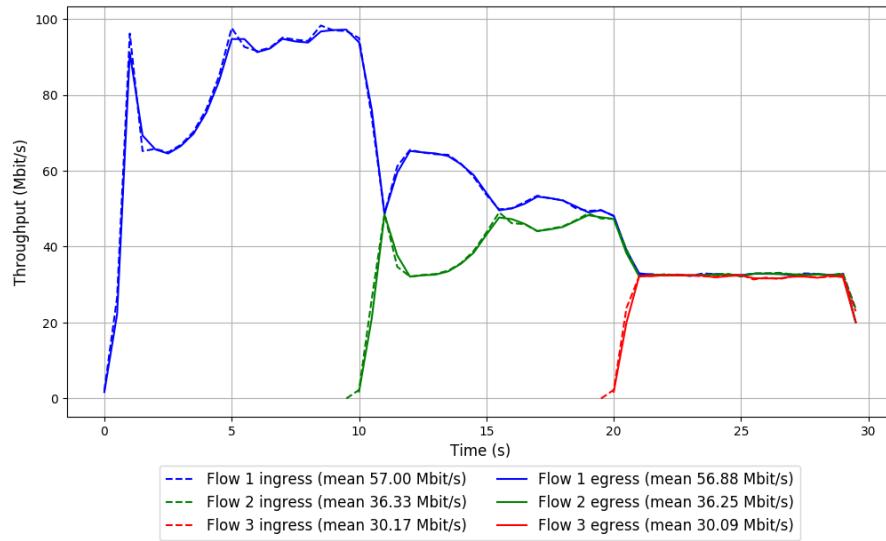


Run 1: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 07:52:07 +0000
End at: Sat, 29 Jul 2017 07:52:37 +0000
Local clock offset: 0.611 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 70.973 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 70.176 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 71.051 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 71.801 ms
Loss rate: 1.28%
```

Run 1: Report of PCC — Data Link

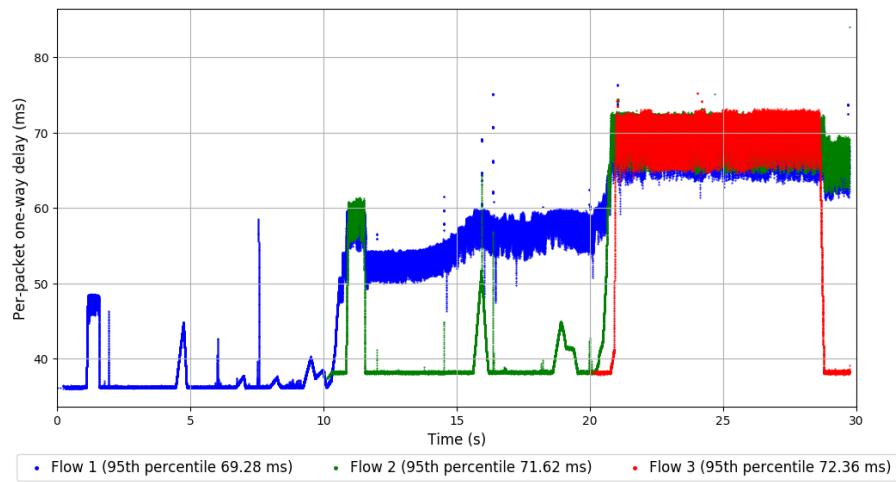
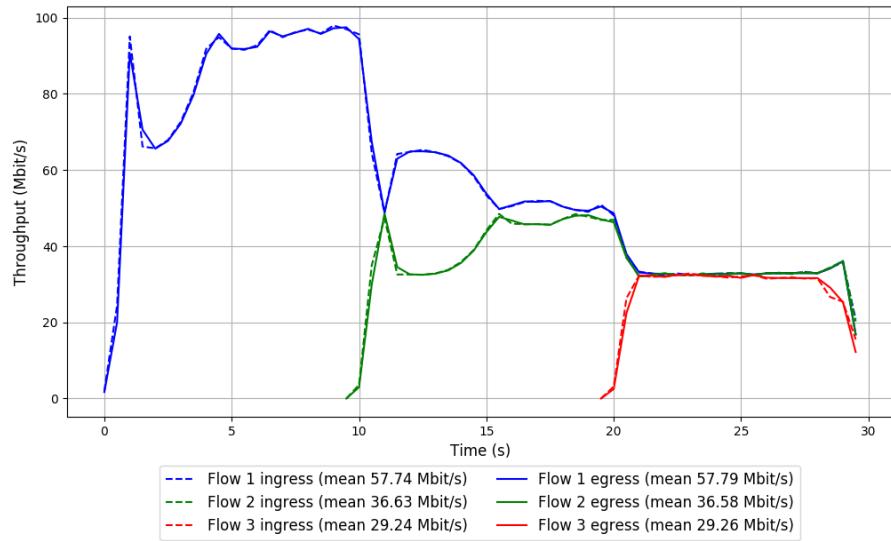


Run 2: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:13:07 +0000
End at: Sat, 29 Jul 2017 08:13:38 +0000
Local clock offset: 0.598 ms
Remote clock offset: -0.244 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 71.181 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 69.276 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 71.621 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 29.26 Mbit/s
95th percentile per-packet one-way delay: 72.365 ms
Loss rate: 0.91%
```

Run 2: Report of PCC — Data Link

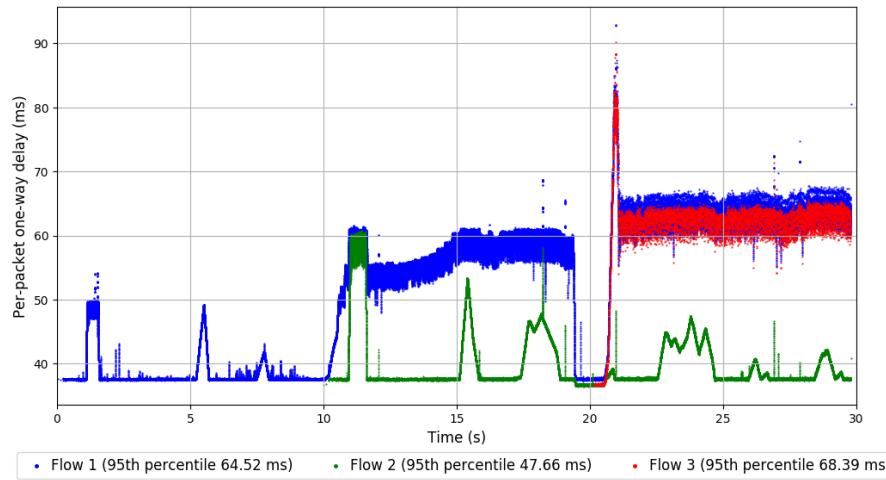
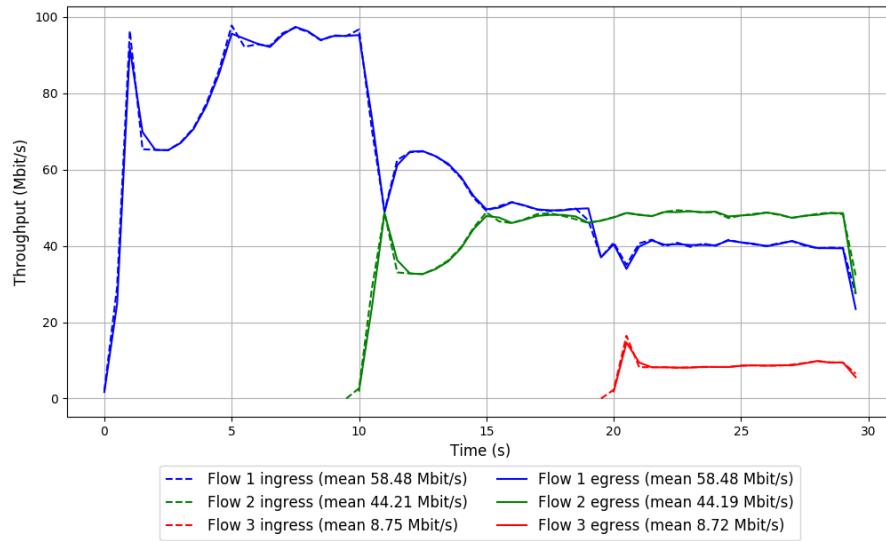


Run 3: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:34:11 +0000
End at: Sat, 29 Jul 2017 08:34:41 +0000
Local clock offset: 0.547 ms
Remote clock offset: -0.638 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 64.084 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 58.48 Mbit/s
95th percentile per-packet one-way delay: 64.517 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 47.657 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 68.385 ms
Loss rate: 1.24%
```

Run 3: Report of PCC — Data Link

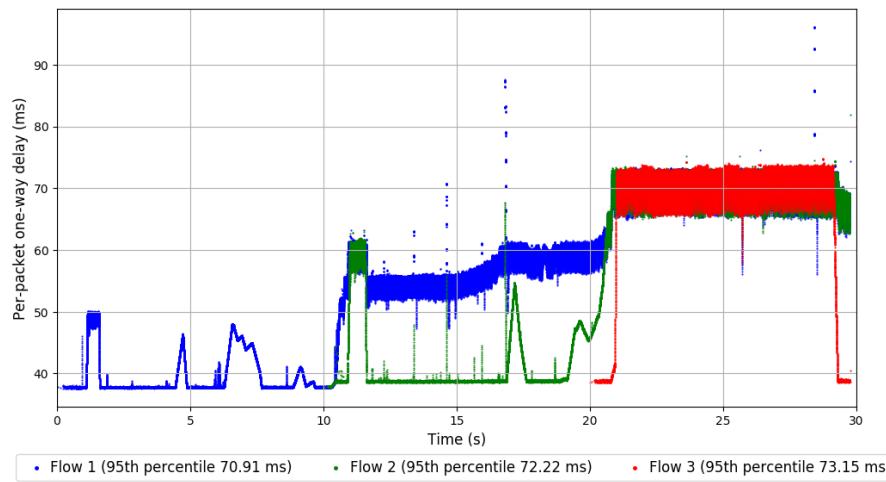
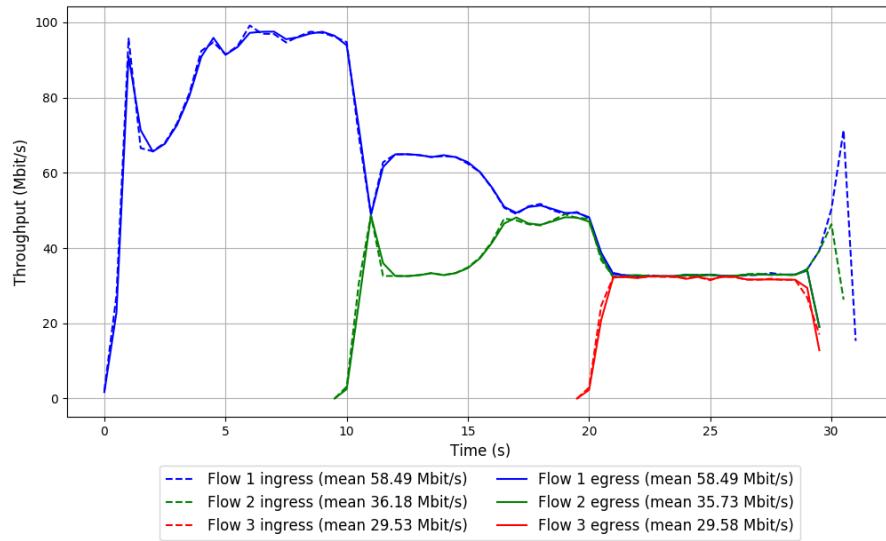


Run 4: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:55:11 +0000
End at: Sat, 29 Jul 2017 08:55:41 +0000
Local clock offset: 0.597 ms
Remote clock offset: -0.583 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 72.139 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 70.908 ms
Loss rate: 4.45%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 72.224 ms
Loss rate: 6.47%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 73.146 ms
Loss rate: 1.04%
```

Run 4: Report of PCC — Data Link

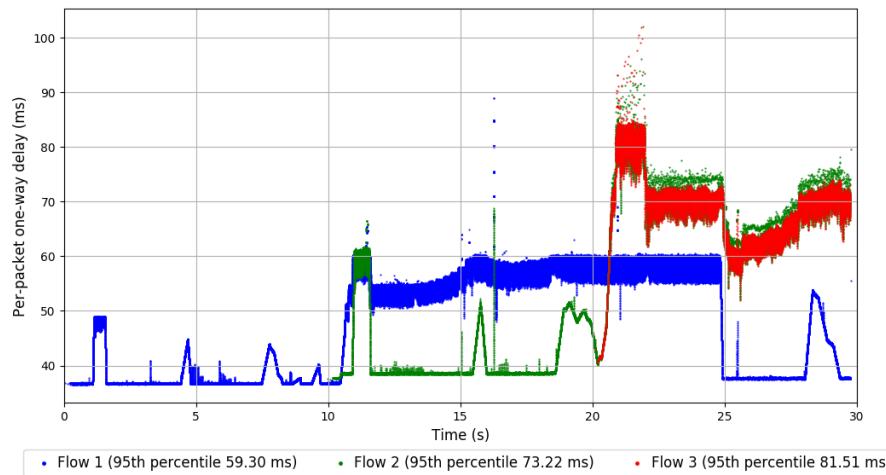
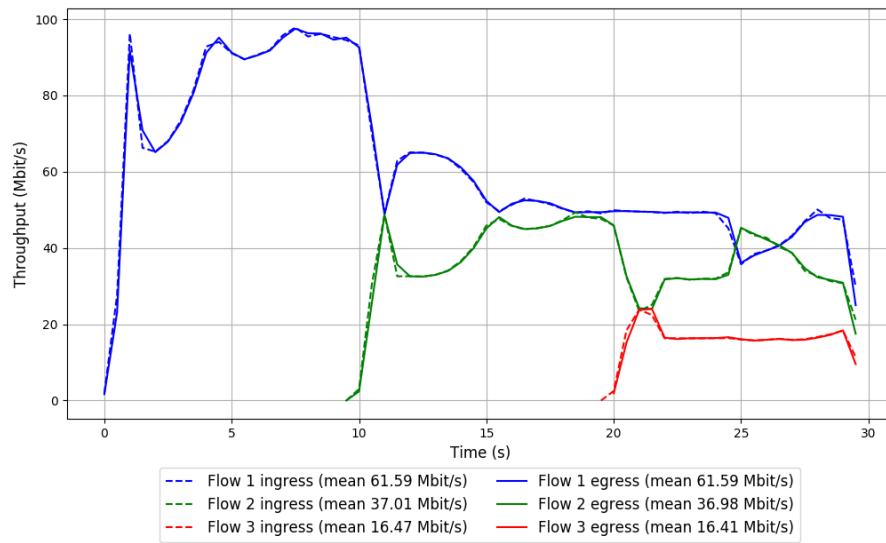


Run 5: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:16:11 +0000
End at: Sat, 29 Jul 2017 09:16:41 +0000
Local clock offset: 0.448 ms
Remote clock offset: -0.34 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 70.959 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 61.59 Mbit/s
95th percentile per-packet one-way delay: 59.300 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 73.221 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 81.514 ms
Loss rate: 1.32%
```

Run 5: Report of PCC — Data Link

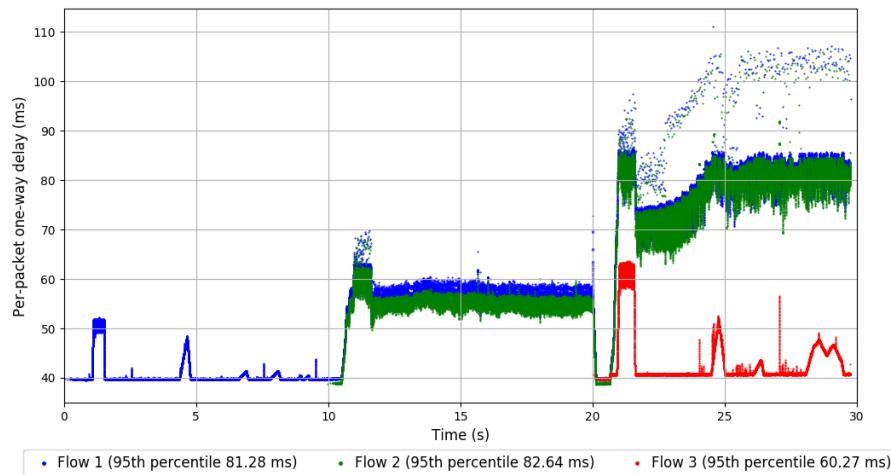
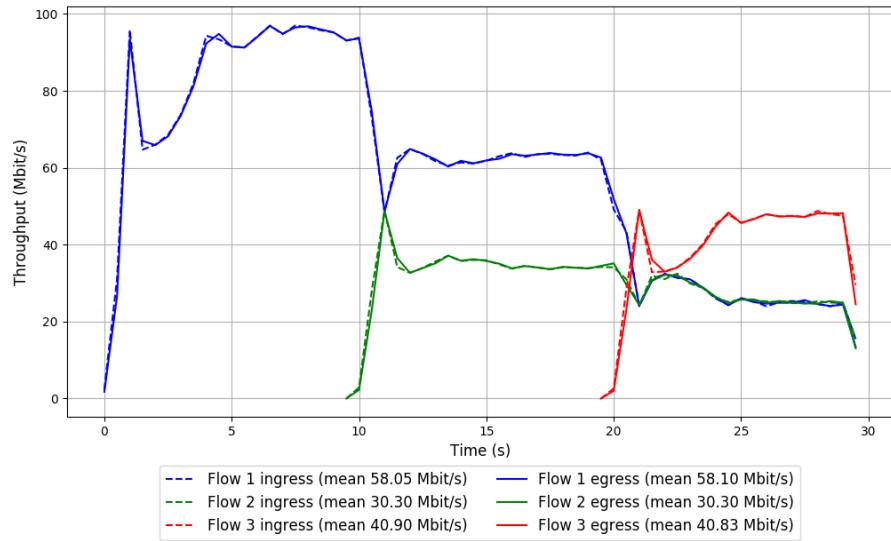


Run 6: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:37:12 +0000
End at: Sat, 29 Jul 2017 09:37:42 +0000
Local clock offset: 0.481 ms
Remote clock offset: -2.205 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:04:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.66 Mbit/s
95th percentile per-packet one-way delay: 81.481 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 81.285 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 30.30 Mbit/s
95th percentile per-packet one-way delay: 82.635 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 60.272 ms
Loss rate: 1.10%
```

Run 6: Report of PCC — Data Link

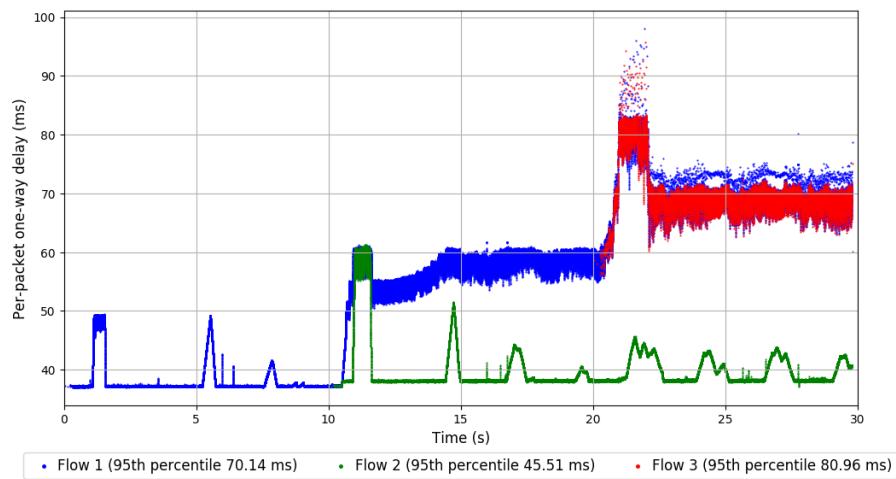
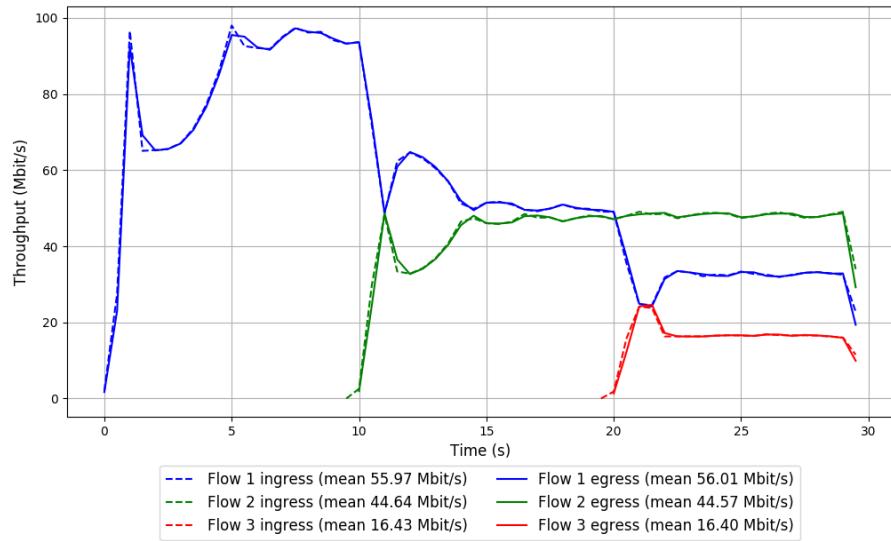


Run 7: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:58:13 +0000
End at: Sat, 29 Jul 2017 09:58:43 +0000
Local clock offset: 0.479 ms
Remote clock offset: 0.268 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 70.067 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 70.135 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 44.57 Mbit/s
95th percentile per-packet one-way delay: 45.508 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 80.963 ms
Loss rate: 1.17%
```

Run 7: Report of PCC — Data Link

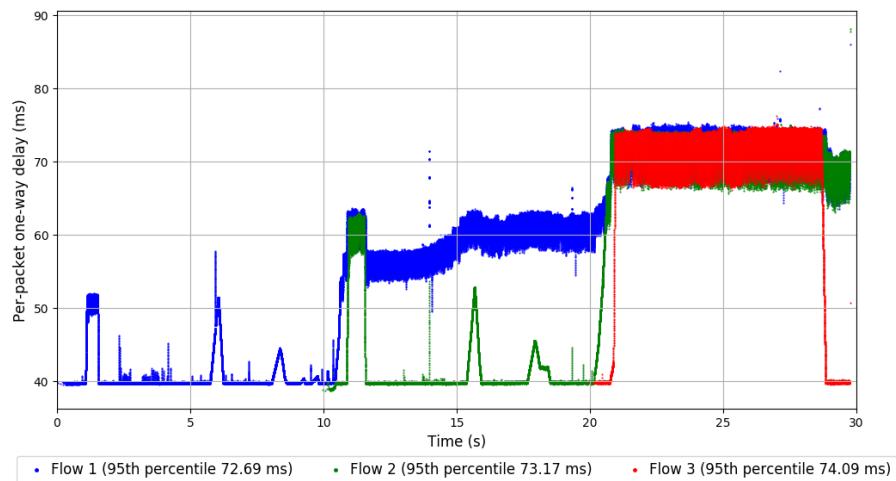
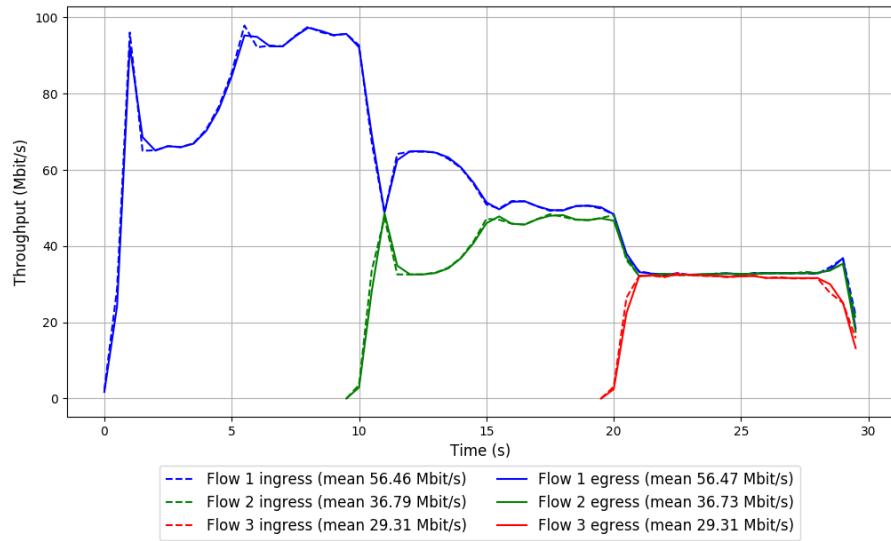


Run 8: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 10:19:20 +0000
End at: Sat, 29 Jul 2017 10:19:50 +0000
Local clock offset: 0.495 ms
Remote clock offset: -2.387 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 73.339 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 72.691 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 73.166 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 74.094 ms
Loss rate: 0.81%
```

Run 8: Report of PCC — Data Link

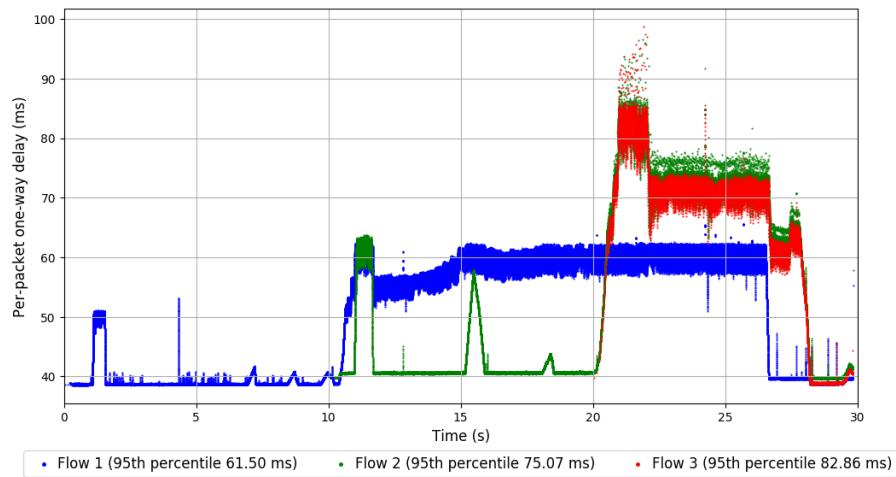
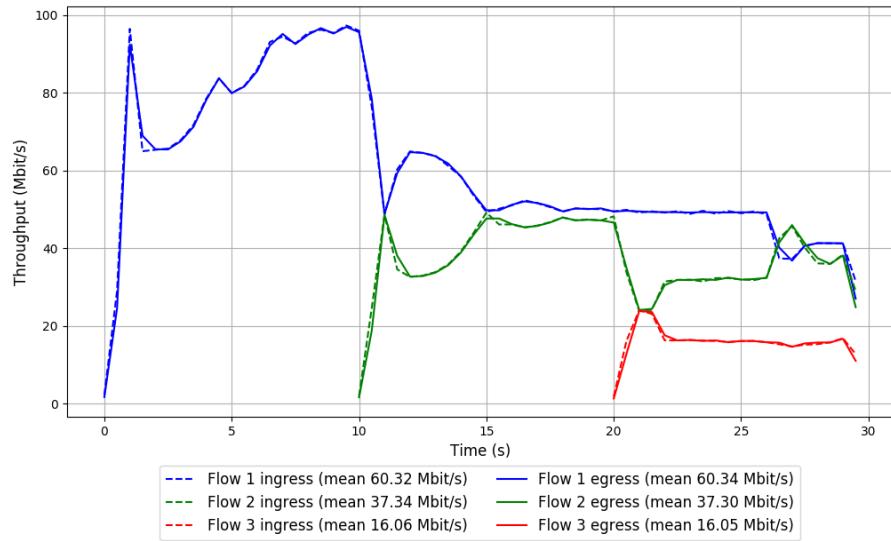


Run 9: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 10:40:29 +0000
End at: Sat, 29 Jul 2017 10:40:59 +0000
Local clock offset: 0.416 ms
Remote clock offset: -2.383 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 72.482 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 60.34 Mbit/s
95th percentile per-packet one-way delay: 61.501 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 37.30 Mbit/s
95th percentile per-packet one-way delay: 75.067 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 82.860 ms
Loss rate: 0.97%
```

Run 9: Report of PCC — Data Link

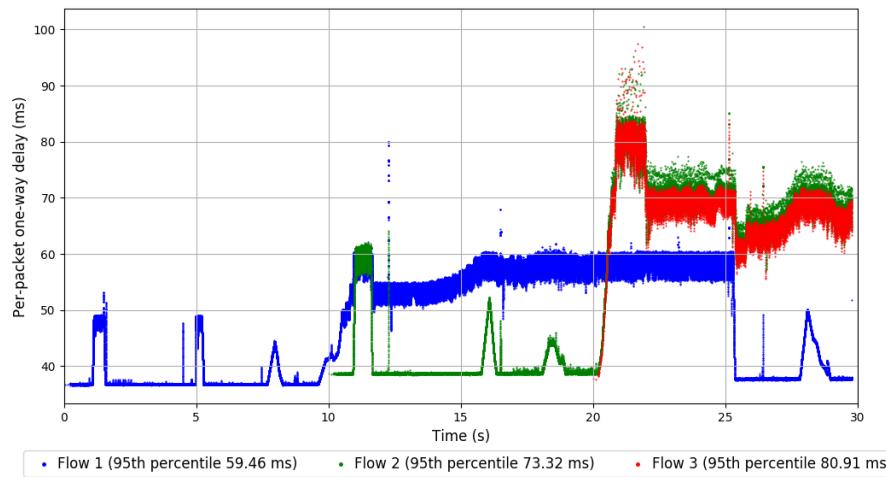
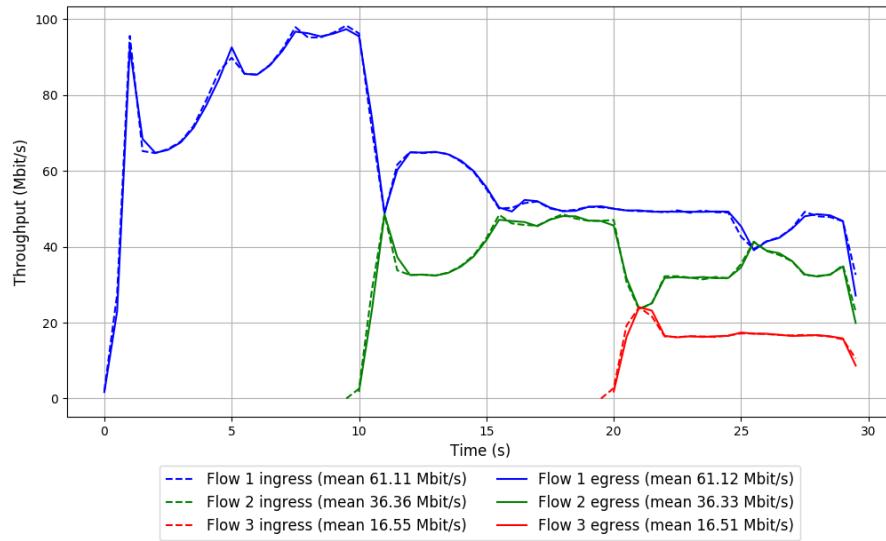


Run 10: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 11:01:43 +0000
End at: Sat, 29 Jul 2017 11:02:13 +0000
Local clock offset: 0.566 ms
Remote clock offset: -0.297 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 70.669 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 59.459 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 73.321 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 80.909 ms
Loss rate: 1.17%
```

Run 10: Report of PCC — Data Link

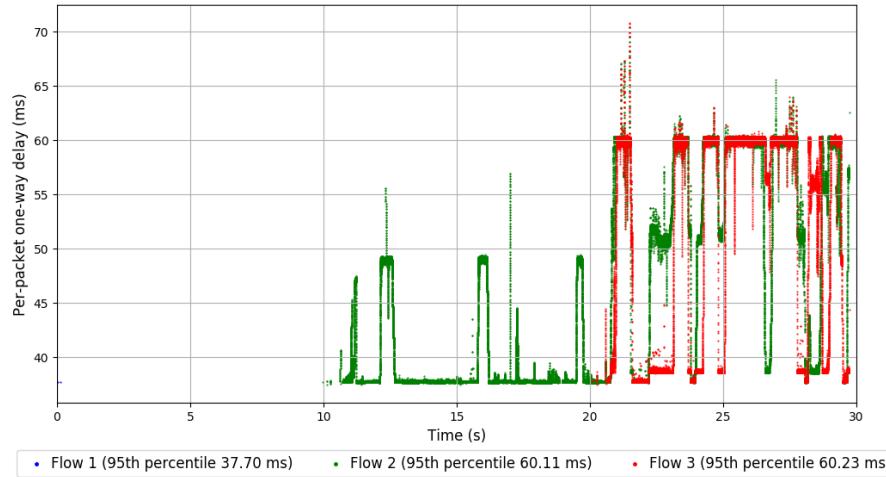
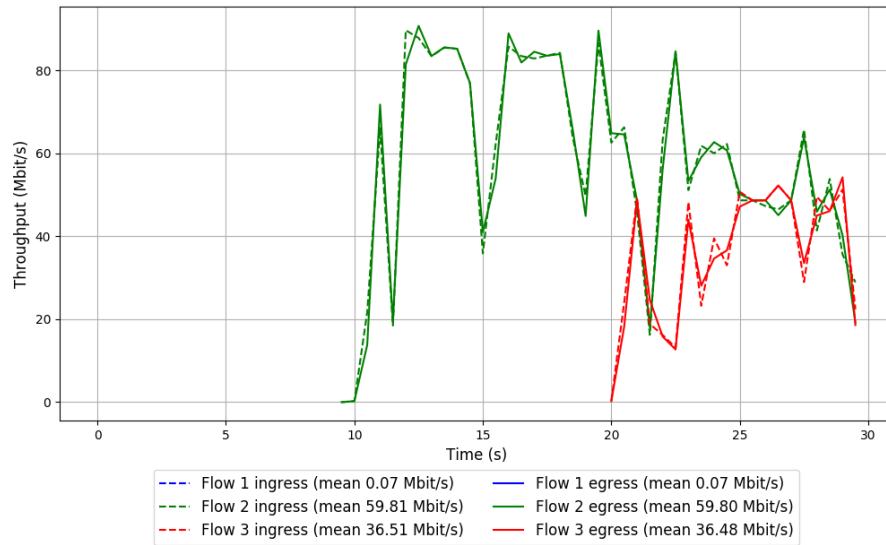


Run 1: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 07:56:25 +0000
End at: Sat, 29 Jul 2017 07:56:55 +0000
Local clock offset: 0.708 ms
Remote clock offset: -0.415 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 60.160 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.80 Mbit/s
95th percentile per-packet one-way delay: 60.112 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 60.232 ms
Loss rate: 0.94%
```

Run 1: Report of QUIC Cubic — Data Link

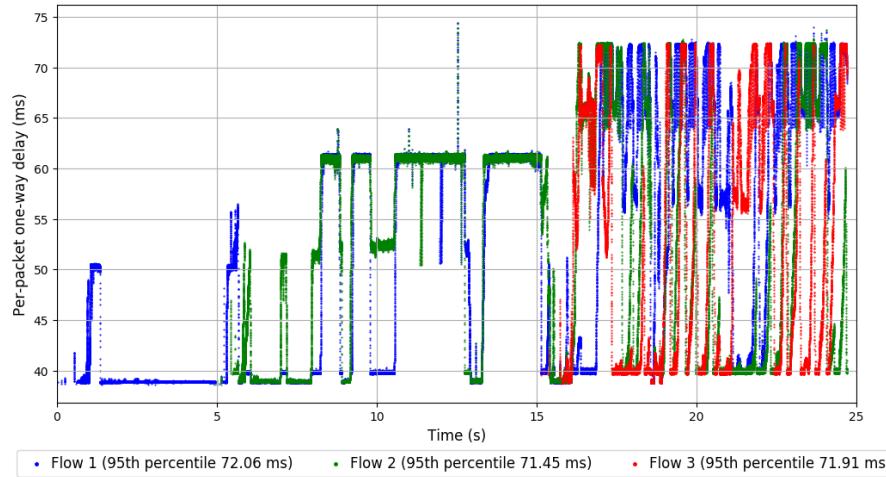
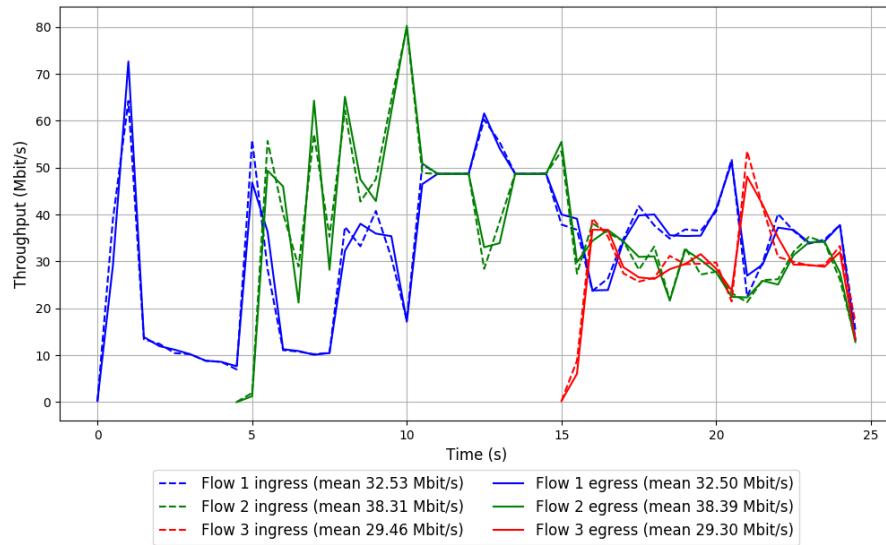


Run 2: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:17:26 +0000
End at: Sat, 29 Jul 2017 08:17:56 +0000
Local clock offset: 0.665 ms
Remote clock offset: -2.739 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.67 Mbit/s
95th percentile per-packet one-way delay: 71.930 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 72.060 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 71.447 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 71.910 ms
Loss rate: 1.46%
```

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

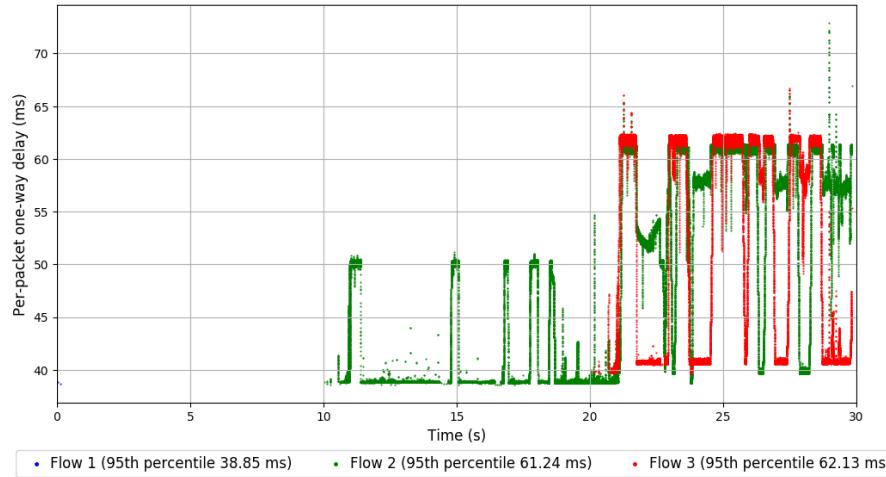
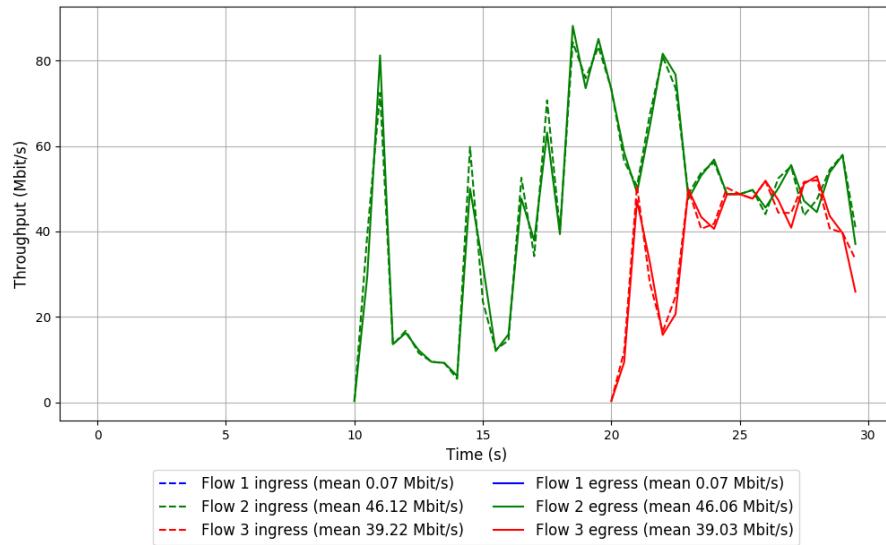


Run 3: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:38:28 +0000
End at: Sat, 29 Jul 2017 08:38:58 +0000
Local clock offset: 0.592 ms
Remote clock offset: -2.696 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.31 Mbit/s
95th percentile per-packet one-way delay: 61.960 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 61.245 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 62.134 ms
Loss rate: 1.40%
```

Run 3: Report of QUIC Cubic — Data Link

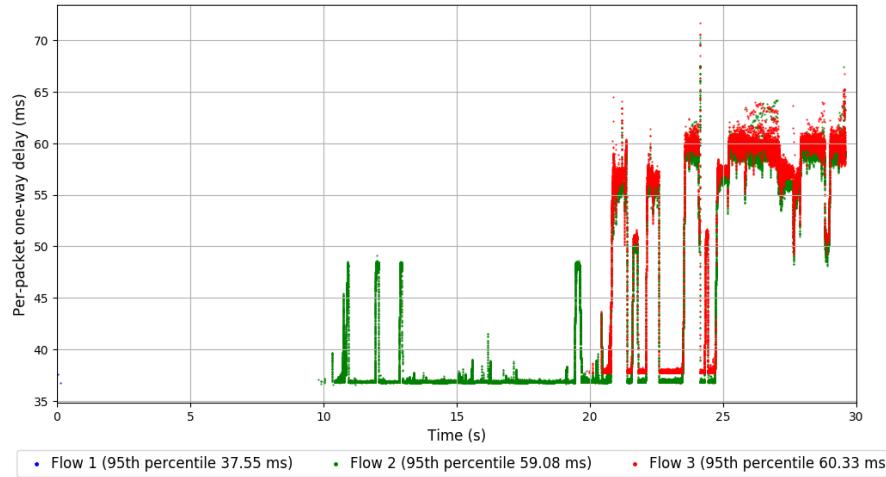
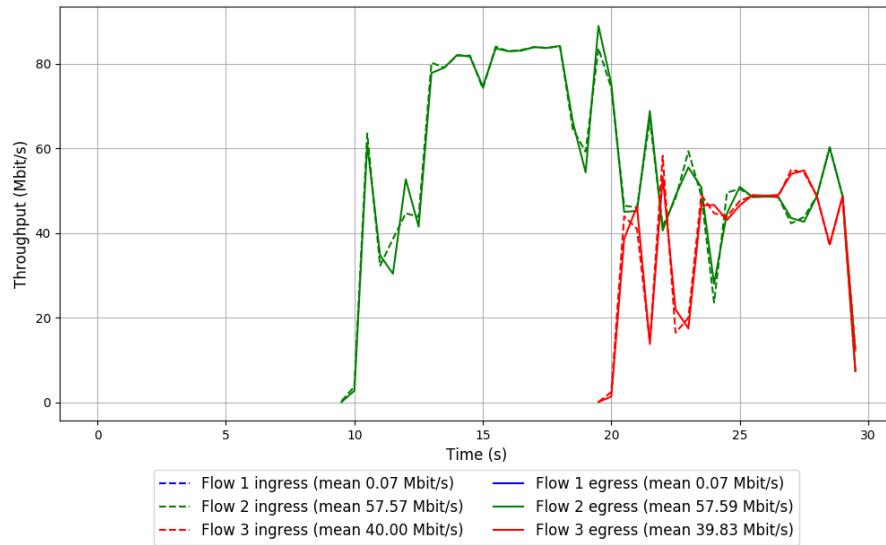


Run 4: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:59:30 +0000
End at: Sat, 29 Jul 2017 09:00:00 +0000
Local clock offset: 0.578 ms
Remote clock offset: -0.453 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.64 Mbit/s
95th percentile per-packet one-way delay: 59.975 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.545 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 59.076 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 60.331 ms
Loss rate: 1.36%
```

Run 4: Report of QUIC Cubic — Data Link

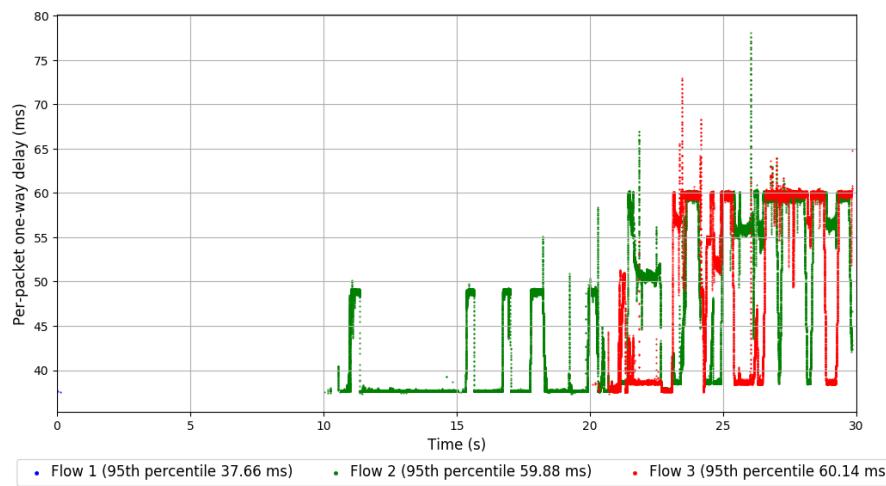
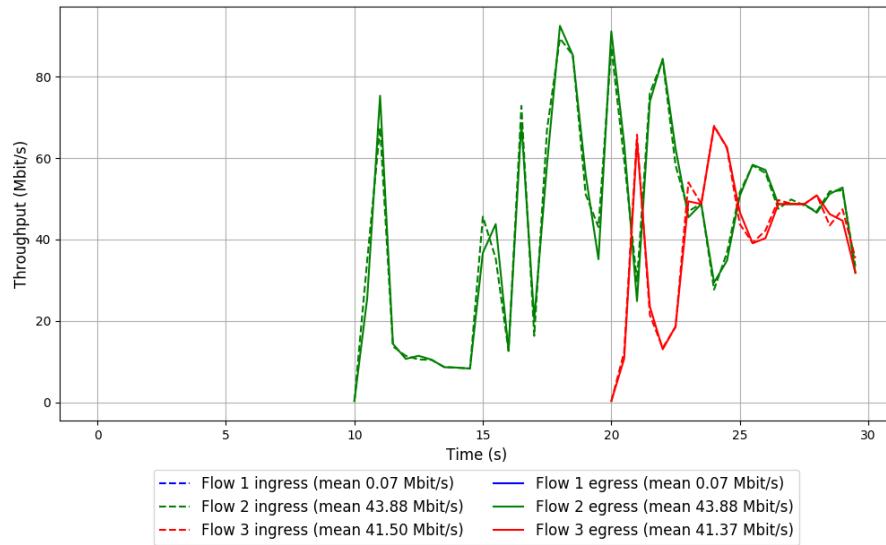


Run 5: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 09:20:29 +0000
End at: Sat, 29 Jul 2017 09:20:59 +0000
Local clock offset: 0.441 ms
Remote clock offset: -0.23 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.64 Mbit/s
95th percentile per-packet one-way delay: 60.046 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.664 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.88 Mbit/s
95th percentile per-packet one-way delay: 59.883 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 60.142 ms
Loss rate: 1.16%
```

Run 5: Report of QUIC Cubic — Data Link

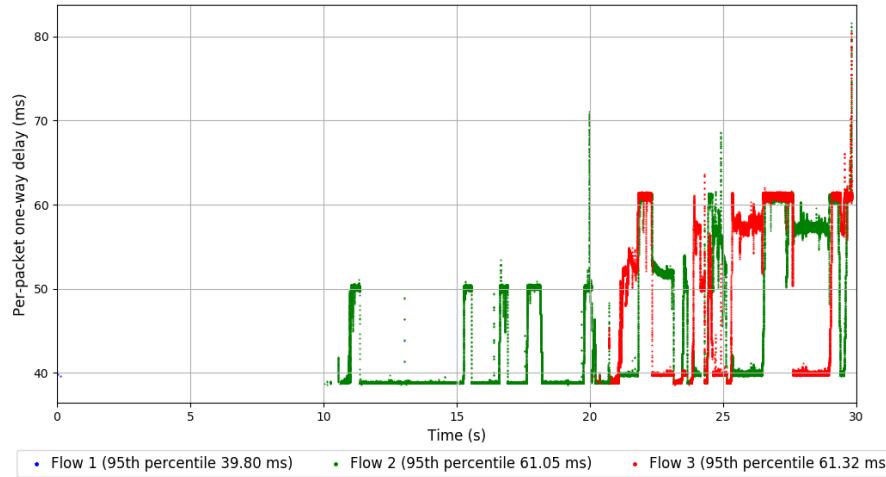
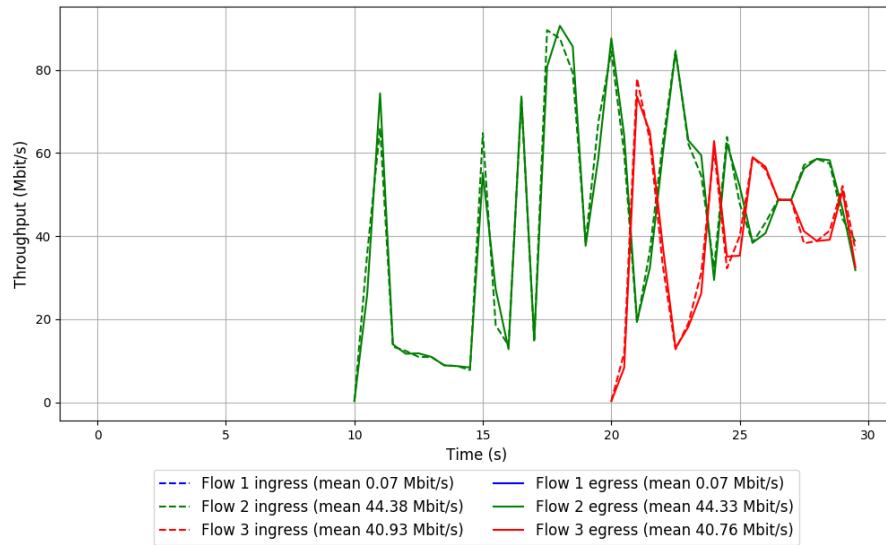


Run 6: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 09:41:30 +0000
End at: Sat, 29 Jul 2017 09:42:00 +0000
Local clock offset: 0.497 ms
Remote clock offset: -2.198 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.71 Mbit/s
95th percentile per-packet one-way delay: 61.177 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.33 Mbit/s
95th percentile per-packet one-way delay: 61.048 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 61.320 ms
Loss rate: 1.31%
```

Run 6: Report of QUIC Cubic — Data Link

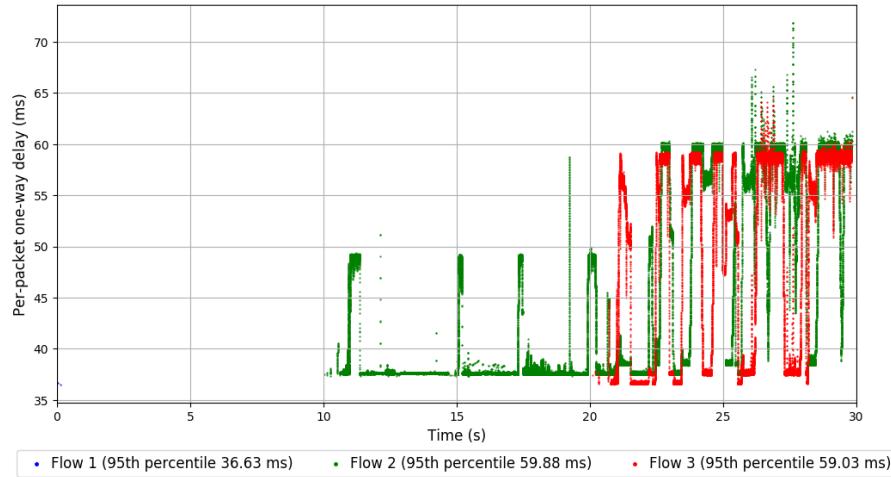
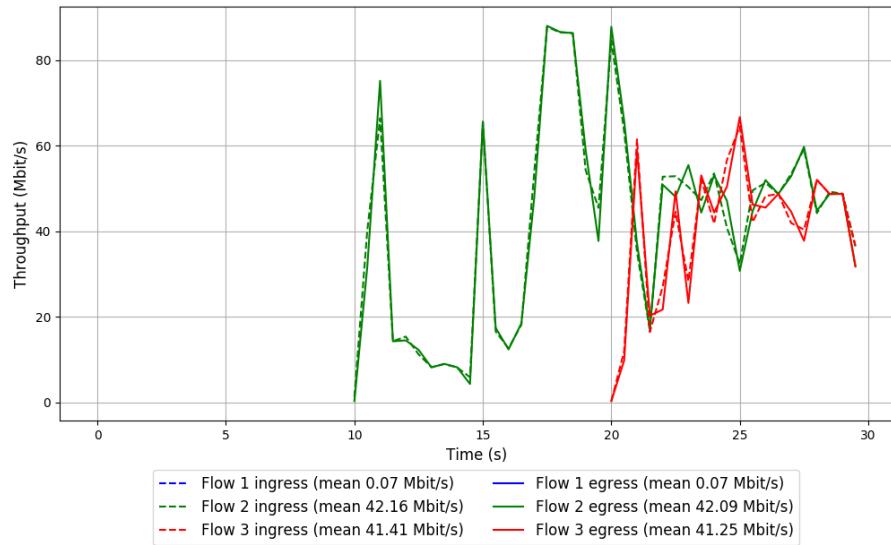


Run 7: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 10:02:32 +0000
End at: Sat, 29 Jul 2017 10:03:02 +0000
Local clock offset: 0.372 ms
Remote clock offset: -0.17 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.40 Mbit/s
95th percentile per-packet one-way delay: 59.803 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 36.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.09 Mbit/s
95th percentile per-packet one-way delay: 59.876 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 41.25 Mbit/s
95th percentile per-packet one-way delay: 59.028 ms
Loss rate: 1.30%
```

Run 7: Report of QUIC Cubic — Data Link

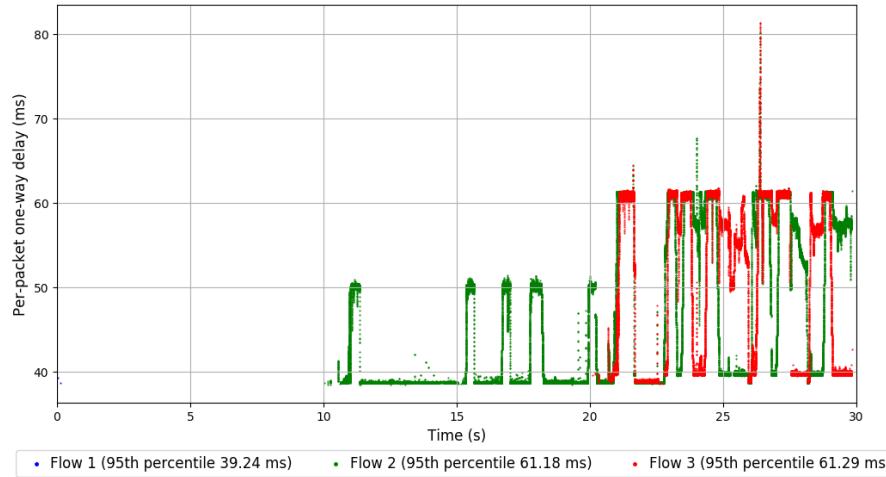
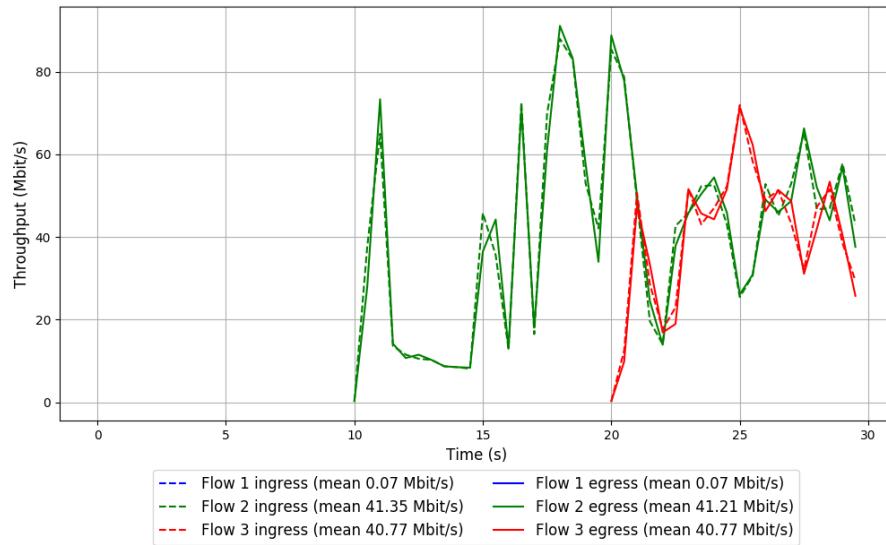


Run 8: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 10:23:45 +0000
End at: Sat, 29 Jul 2017 10:24:15 +0000
Local clock offset: 0.413 ms
Remote clock offset: -2.277 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 61.226 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 39.243 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.21 Mbit/s
95th percentile per-packet one-way delay: 61.184 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 61.289 ms
Loss rate: 0.84%
```

Run 8: Report of QUIC Cubic — Data Link

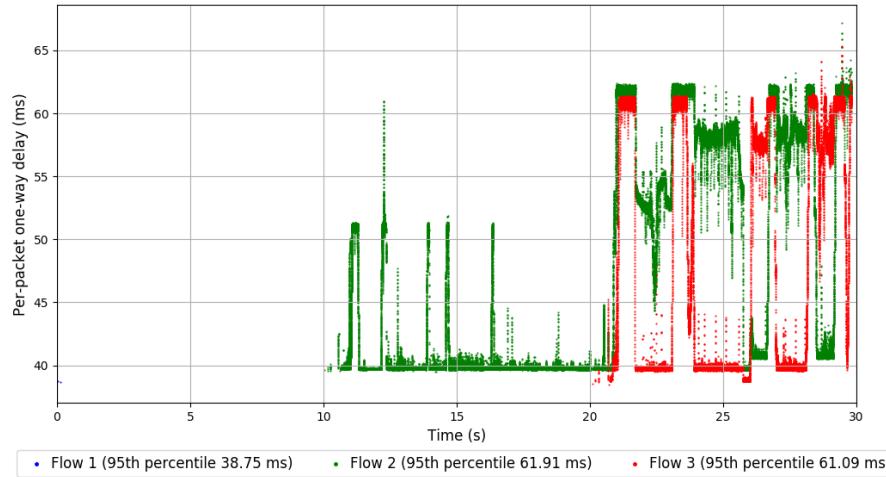
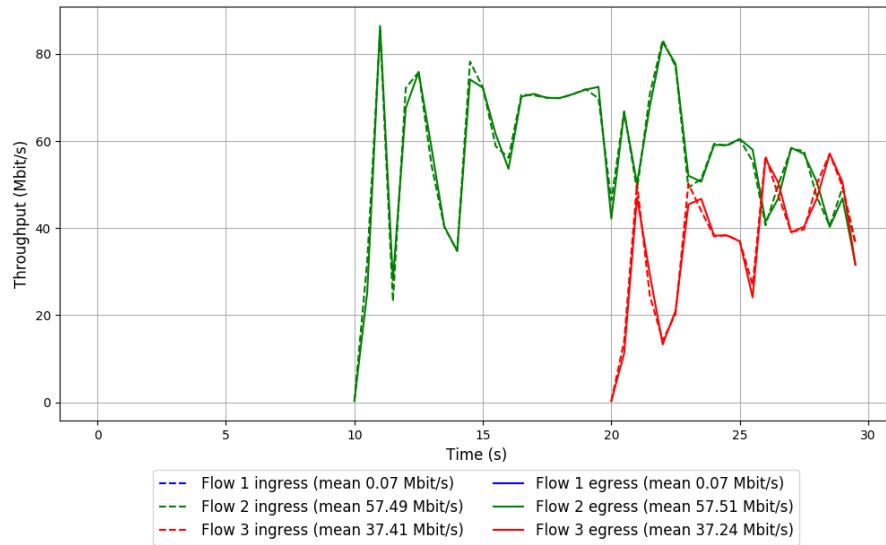


Run 9: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 10:44:47 +0000
End at: Sat, 29 Jul 2017 10:45:17 +0000
Local clock offset: 0.443 ms
Remote clock offset: -2.305 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 61.836 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.746 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 61.909 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 61.090 ms
Loss rate: 1.44%
```

Run 9: Report of QUIC Cubic — Data Link

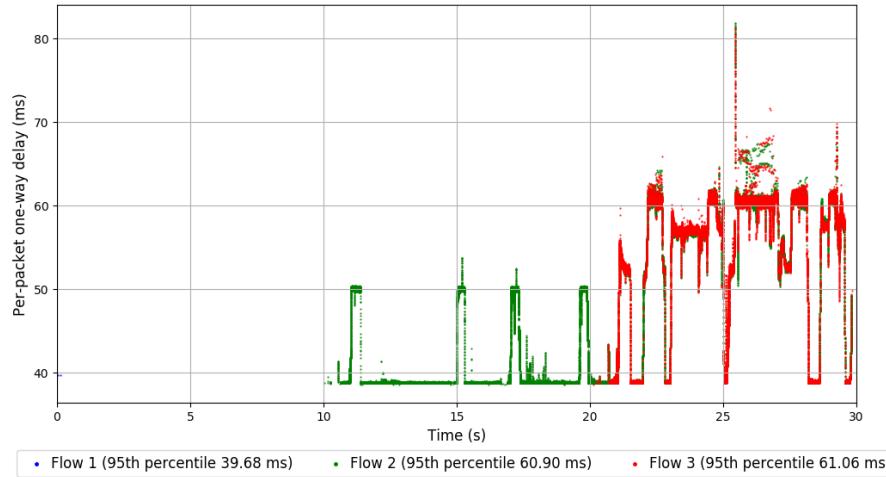
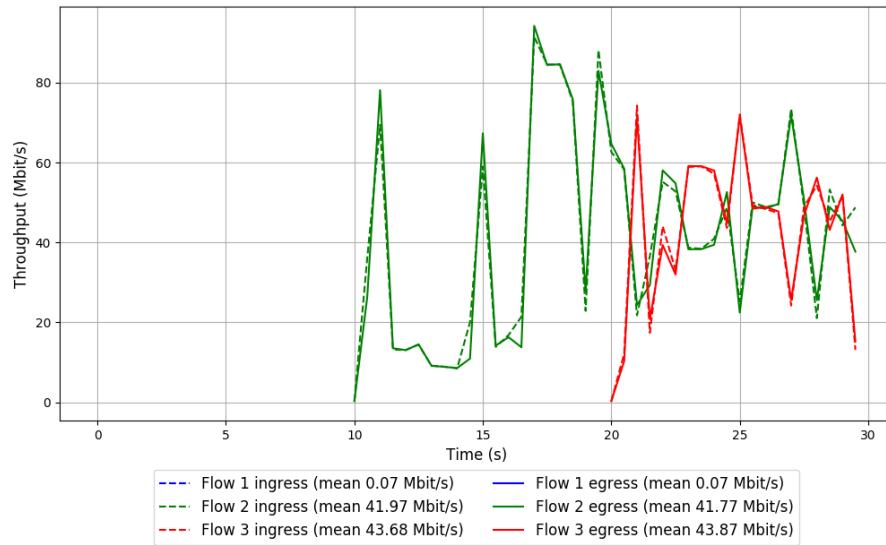


Run 10: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 11:06:02 +0000
End at: Sat, 29 Jul 2017 11:06:32 +0000
Local clock offset: 0.46 ms
Remote clock offset: -2.301 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:05:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.01 Mbit/s
95th percentile per-packet one-way delay: 60.963 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 39.680 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.77 Mbit/s
95th percentile per-packet one-way delay: 60.895 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 43.87 Mbit/s
95th percentile per-packet one-way delay: 61.061 ms
Loss rate: 0.43%
```

Run 10: Report of QUIC Cubic — Data Link

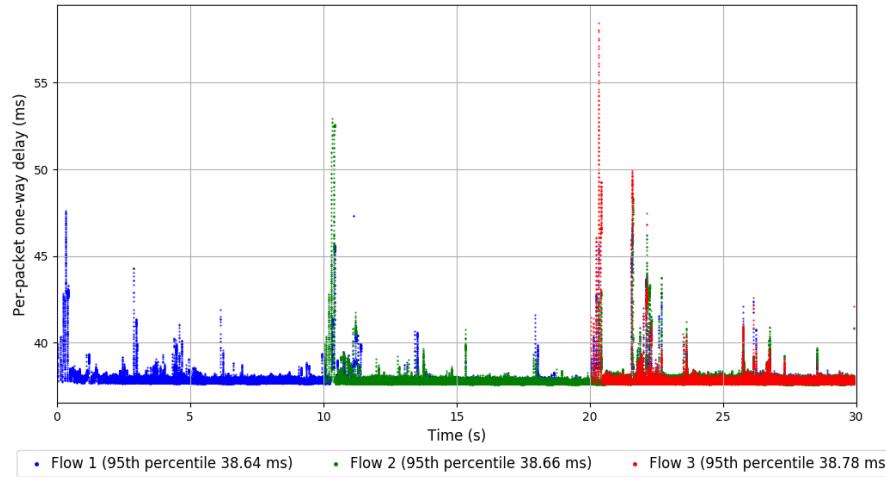
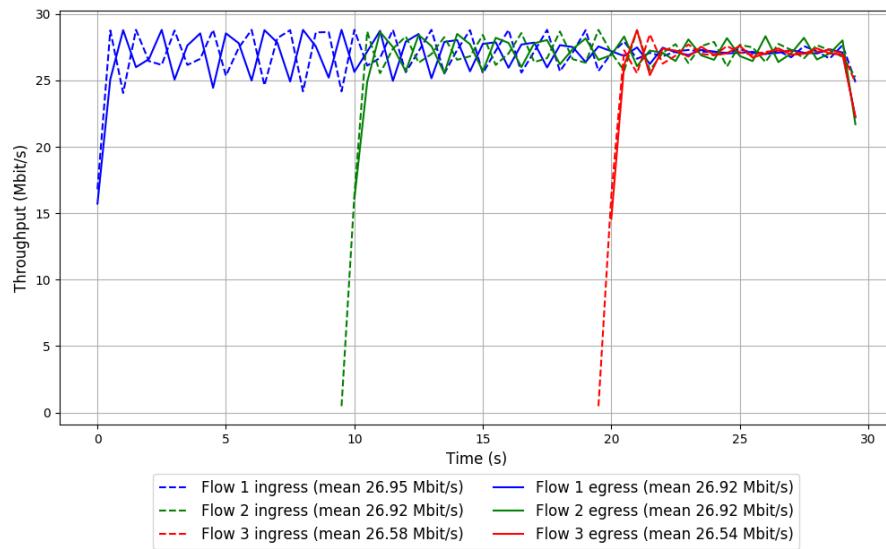


Run 1: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 07:47:57 +0000
End at: Sat, 29 Jul 2017 07:48:27 +0000
Local clock offset: 0.698 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.61 Mbit/s
95th percentile per-packet one-way delay: 38.666 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 38.638 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 38.664 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 38.784 ms
Loss rate: 0.98%
```

Run 1: Report of Saturator — Data Link

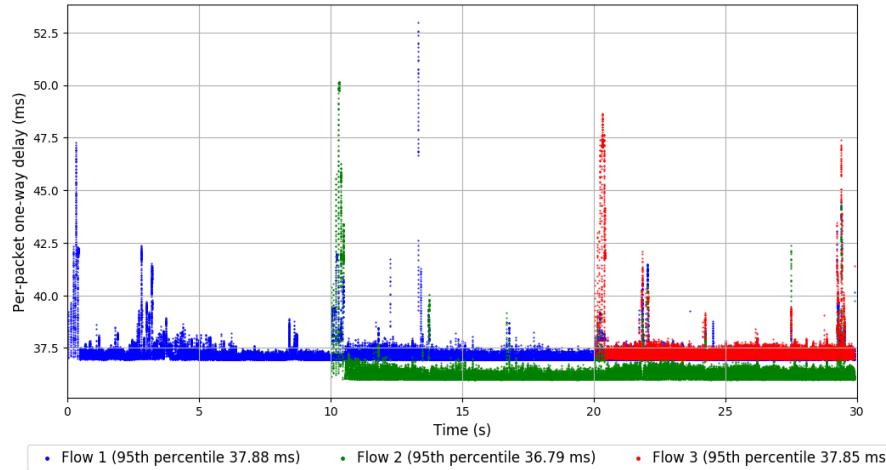
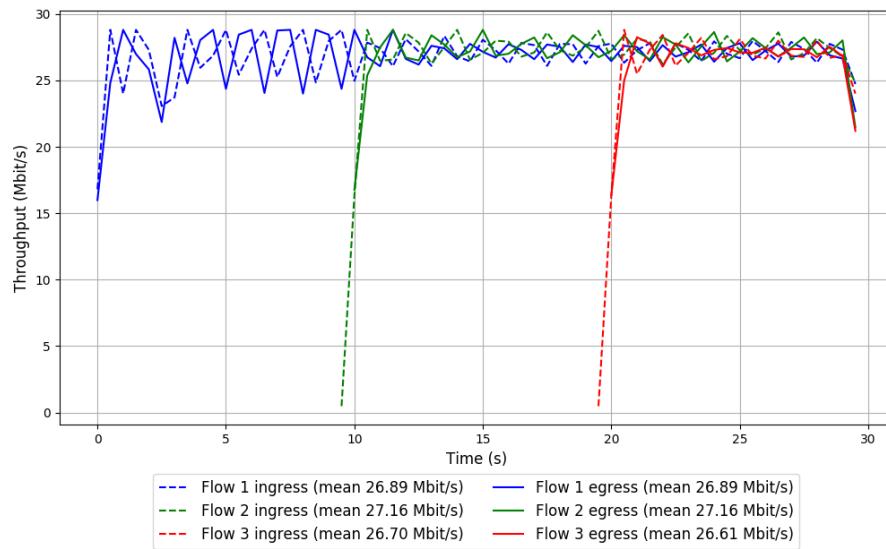


Run 2: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 08:08:58 +0000
End at: Sat, 29 Jul 2017 08:09:28 +0000
Local clock offset: 0.572 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.76 Mbit/s
95th percentile per-packet one-way delay: 37.693 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 26.89 Mbit/s
95th percentile per-packet one-way delay: 37.875 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 36.791 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 37.847 ms
Loss rate: 0.90%
```

Run 2: Report of Saturator — Data Link

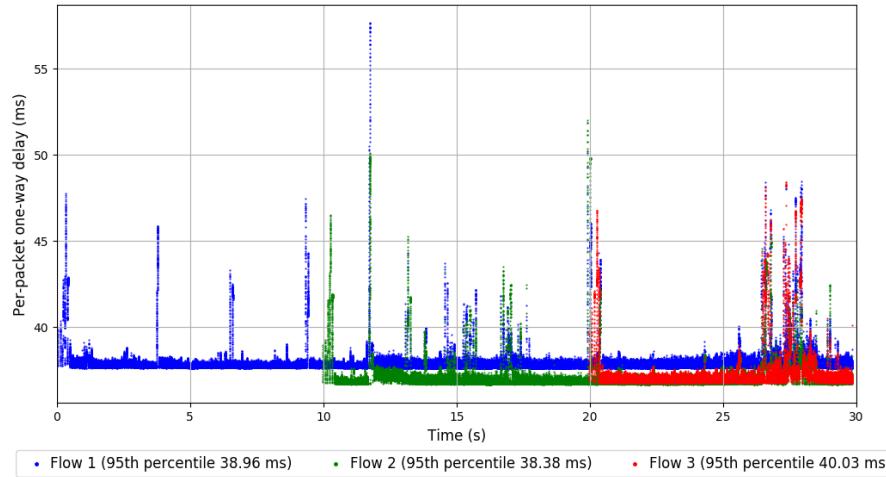
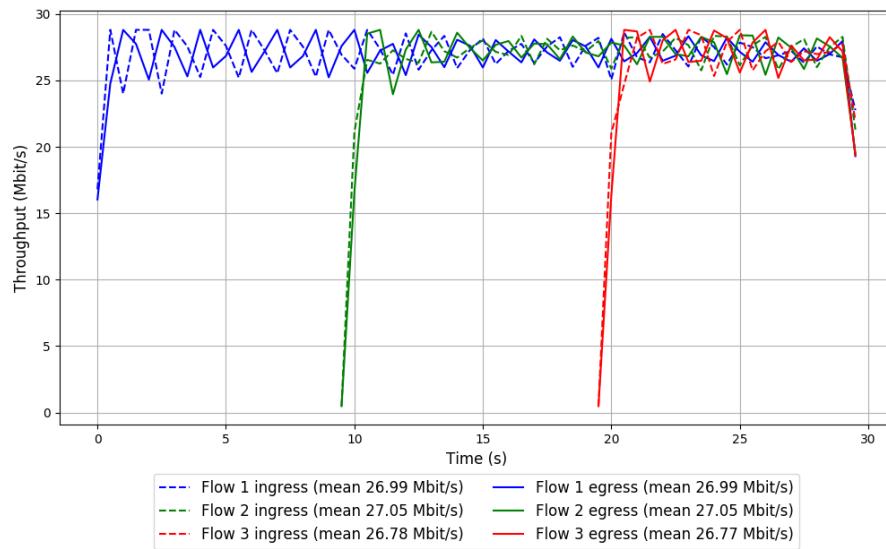


Run 3: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 08:30:02 +0000
End at: Sat, 29 Jul 2017 08:30:32 +0000
Local clock offset: 0.623 ms
Remote clock offset: -0.612 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 38.880 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 38.961 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 38.375 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 40.028 ms
Loss rate: 0.90%
```

Run 3: Report of Saturator — Data Link

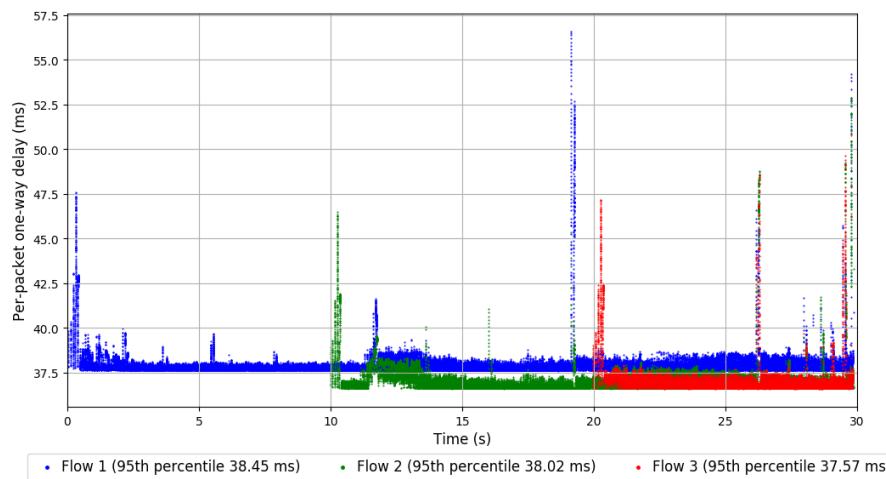
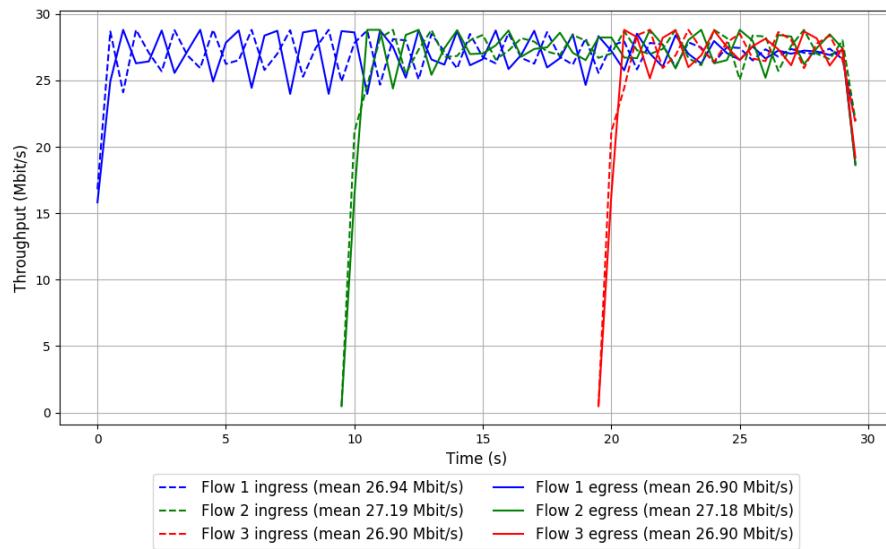


Run 4: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 08:51:01 +0000
End at: Sat, 29 Jul 2017 08:51:31 +0000
Local clock offset: 0.505 ms
Remote clock offset: -0.542 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 38.336 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 38.450 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 38.025 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 37.572 ms
Loss rate: 0.90%
```

Run 4: Report of Saturator — Data Link

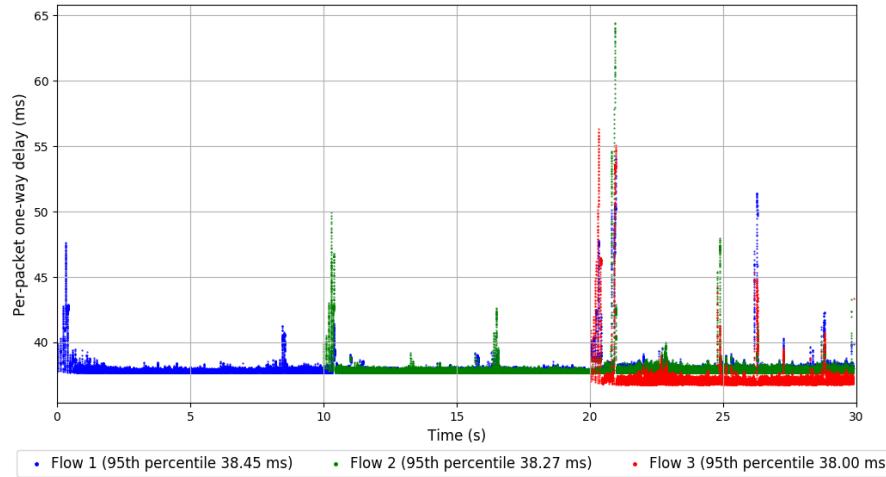
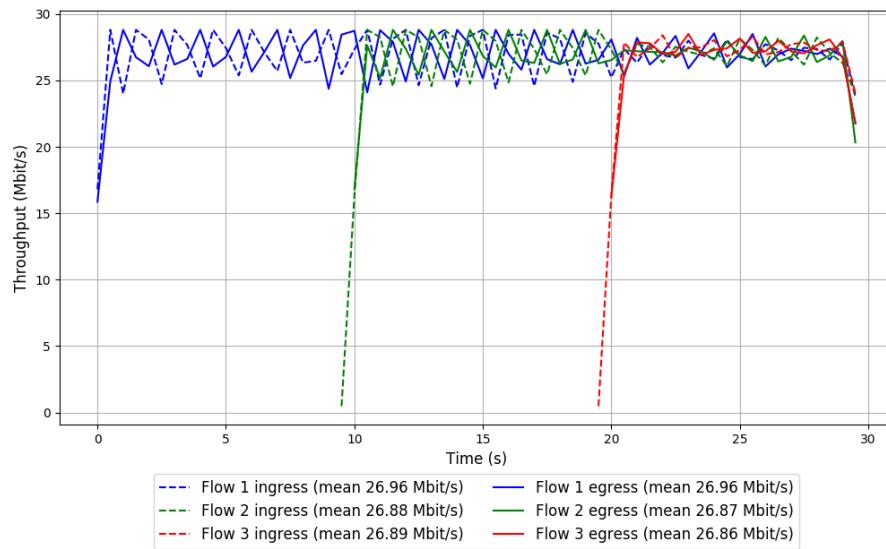


Run 5: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:12:01 +0000
End at: Sat, 29 Jul 2017 09:12:31 +0000
Local clock offset: 0.457 ms
Remote clock offset: -0.35 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 38.357 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 26.96 Mbit/s
95th percentile per-packet one-way delay: 38.450 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 38.268 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 37.997 ms
Loss rate: 0.89%
```

Run 5: Report of Saturator — Data Link

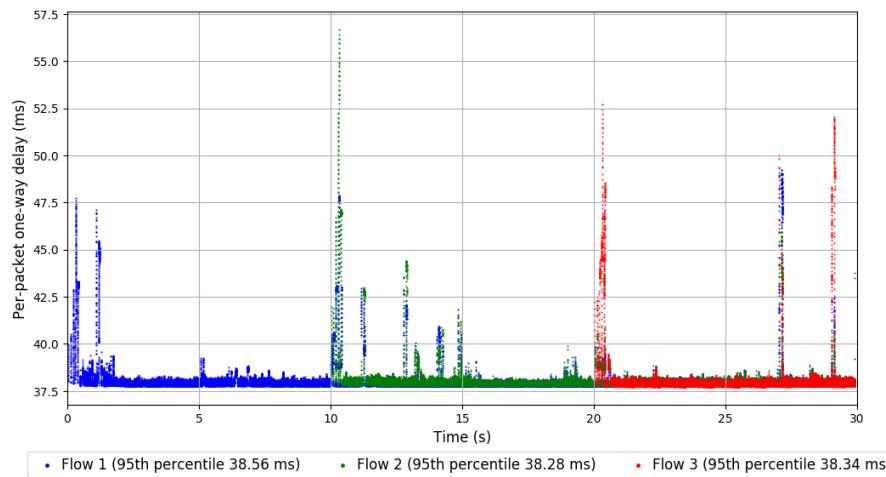
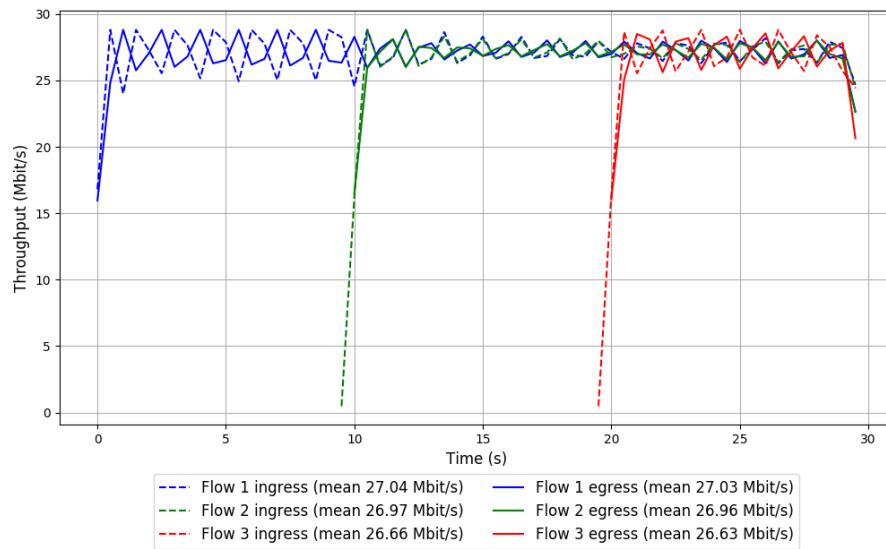


Run 6: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:33:01 +0000
End at: Sat, 29 Jul 2017 09:33:31 +0000
Local clock offset: 0.494 ms
Remote clock offset: -0.22 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 38.437 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 38.559 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 26.96 Mbit/s
95th percentile per-packet one-way delay: 38.280 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 38.343 ms
Loss rate: 0.90%
```

Run 6: Report of Saturator — Data Link

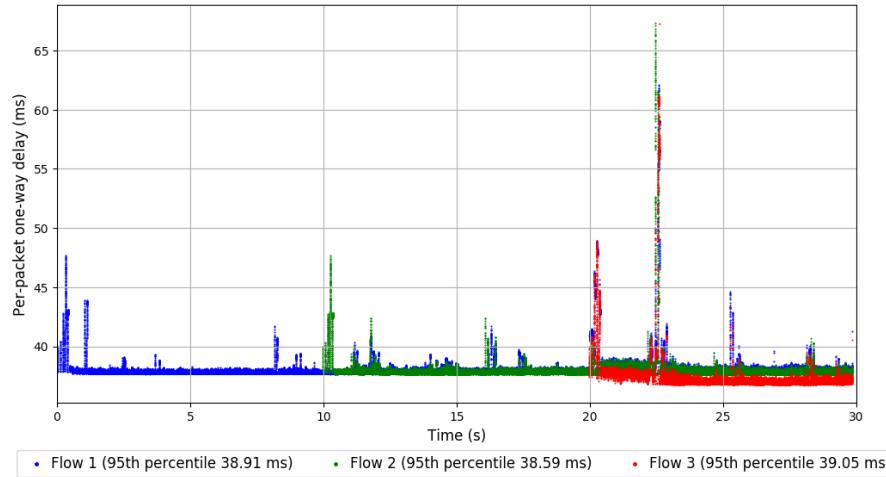
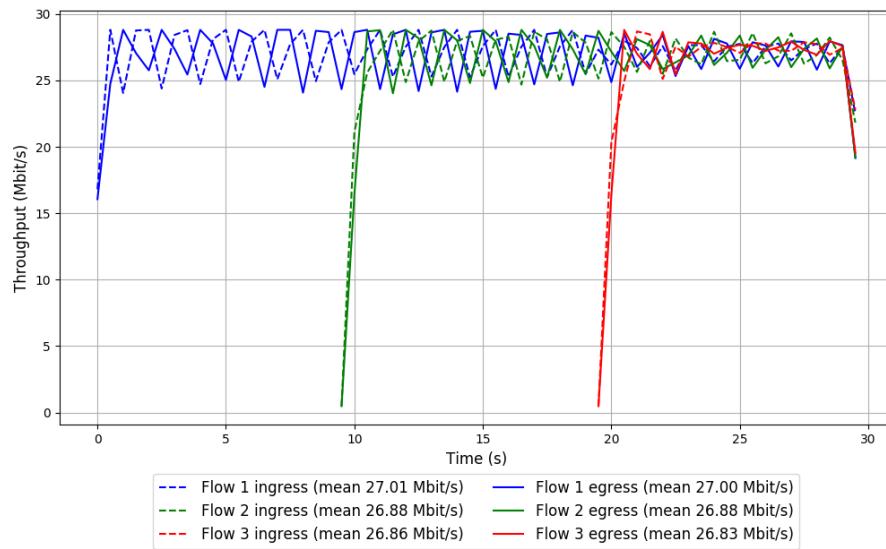


Run 7: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:54:03 +0000
End at: Sat, 29 Jul 2017 09:54:33 +0000
Local clock offset: 0.495 ms
Remote clock offset: -0.18 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 38.692 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 27.00 Mbit/s
95th percentile per-packet one-way delay: 38.905 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 38.594 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 39.049 ms
Loss rate: 0.95%
```

Run 7: Report of Saturator — Data Link

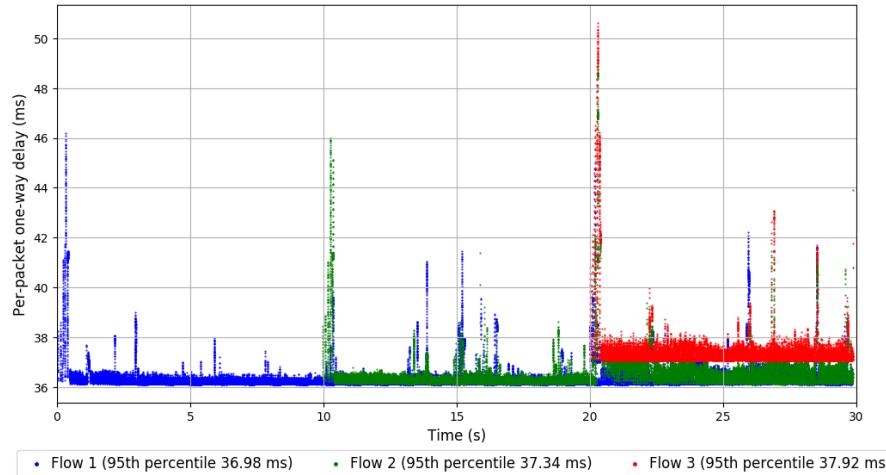
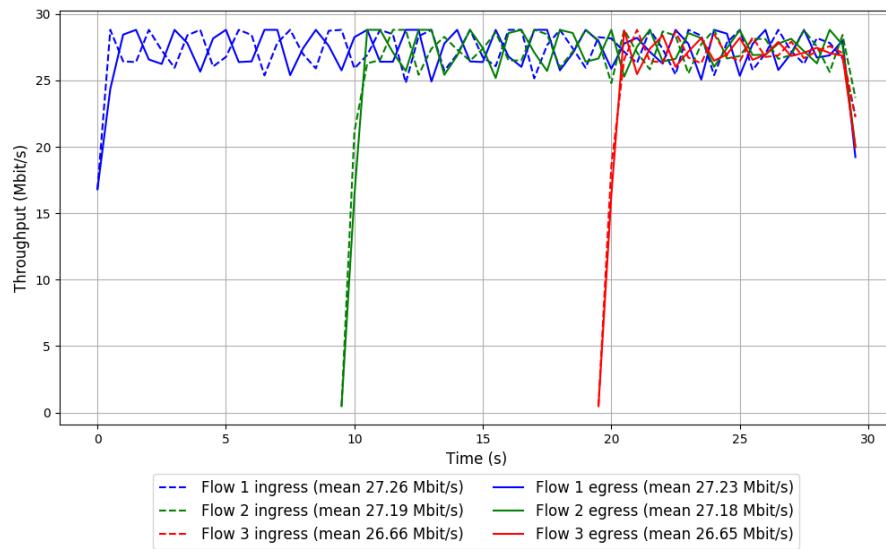


Run 8: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:15:07 +0000
End at: Sat, 29 Jul 2017 10:15:37 +0000
Local clock offset: 0.399 ms
Remote clock offset: 0.291 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.17 Mbit/s
95th percentile per-packet one-way delay: 37.605 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 36.979 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 37.343 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 37.918 ms
Loss rate: 0.90%
```

Run 8: Report of Saturator — Data Link

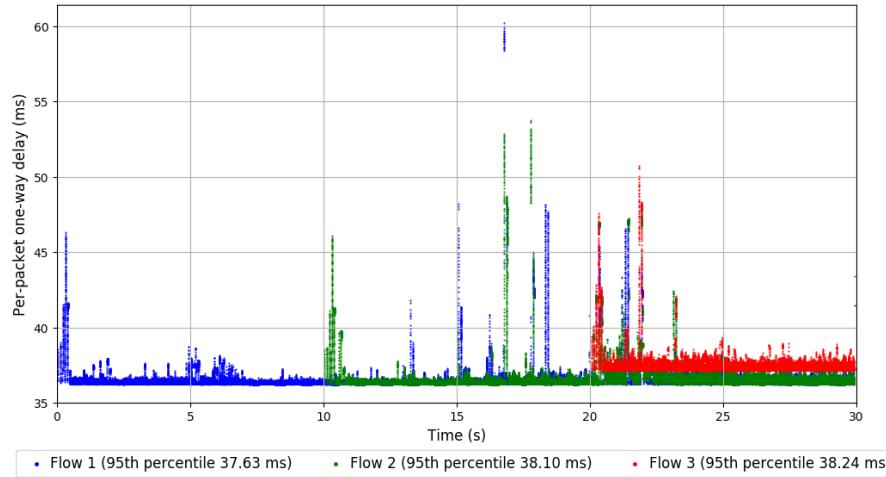
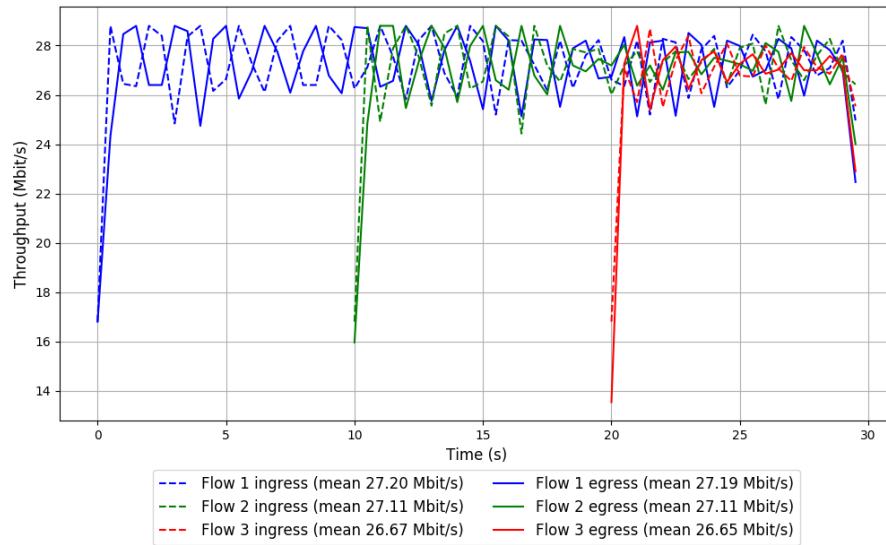


Run 9: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:36:20 +0000
End at: Sat, 29 Jul 2017 10:36:50 +0000
Local clock offset: 0.476 ms
Remote clock offset: 0.198 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 37.936 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 27.19 Mbit/s
95th percentile per-packet one-way delay: 37.635 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 38.098 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 38.236 ms
Loss rate: 0.90%
```

Run 9: Report of Saturator — Data Link

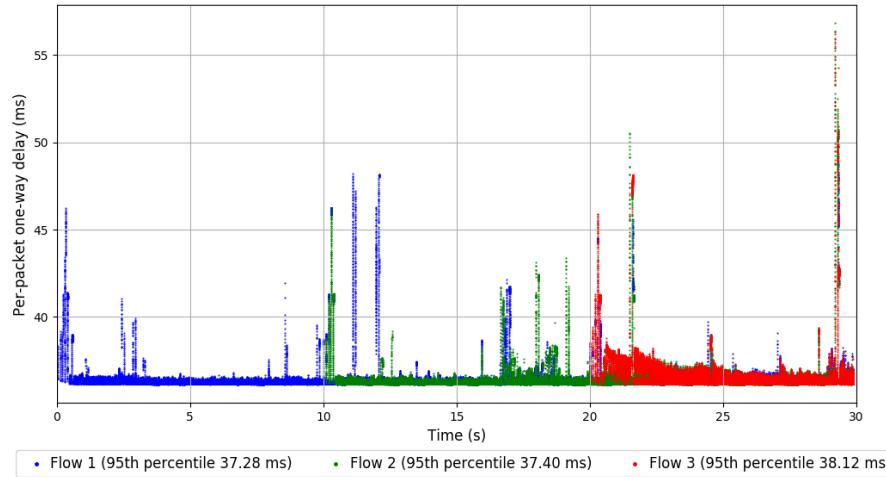
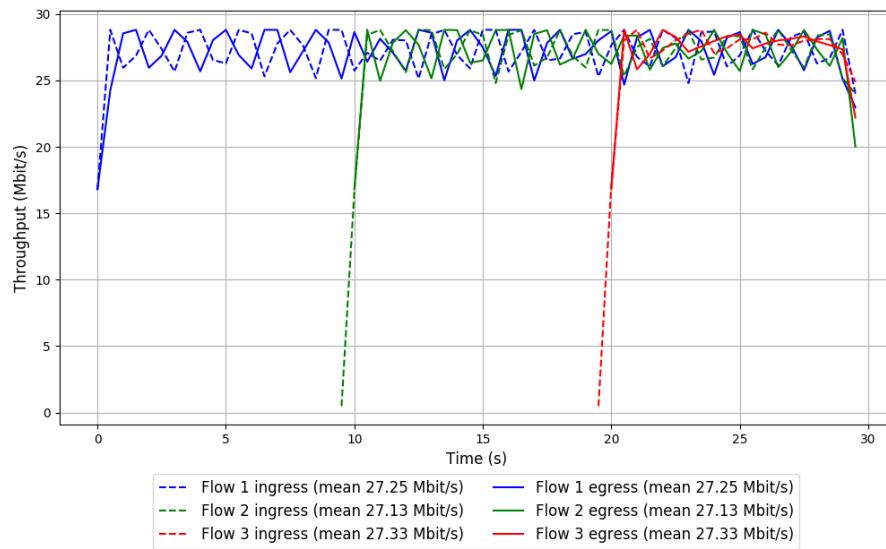


Run 10: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:57:30 +0000
End at: Sat, 29 Jul 2017 10:58:00 +0000
Local clock offset: 0.445 ms
Remote clock offset: 0.258 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.34 Mbit/s
95th percentile per-packet one-way delay: 37.717 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 27.25 Mbit/s
95th percentile per-packet one-way delay: 37.277 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 37.396 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 38.120 ms
Loss rate: 0.83%
```

Run 10: Report of Saturator — Data Link

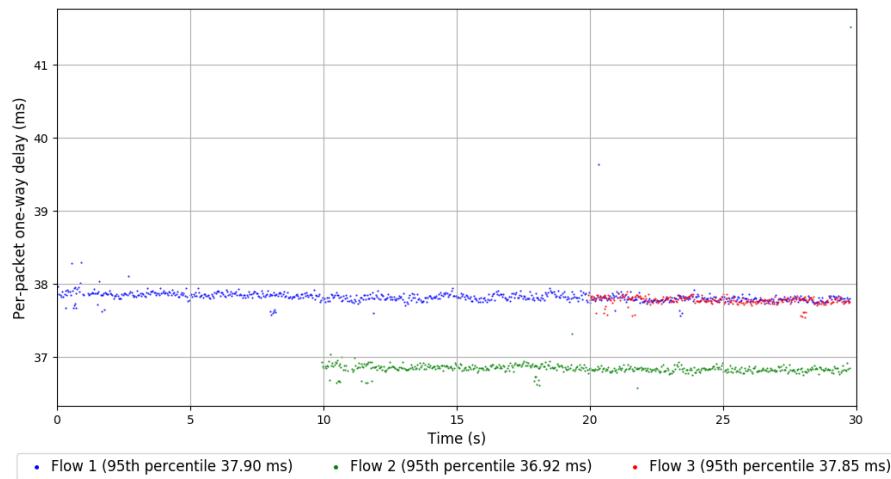
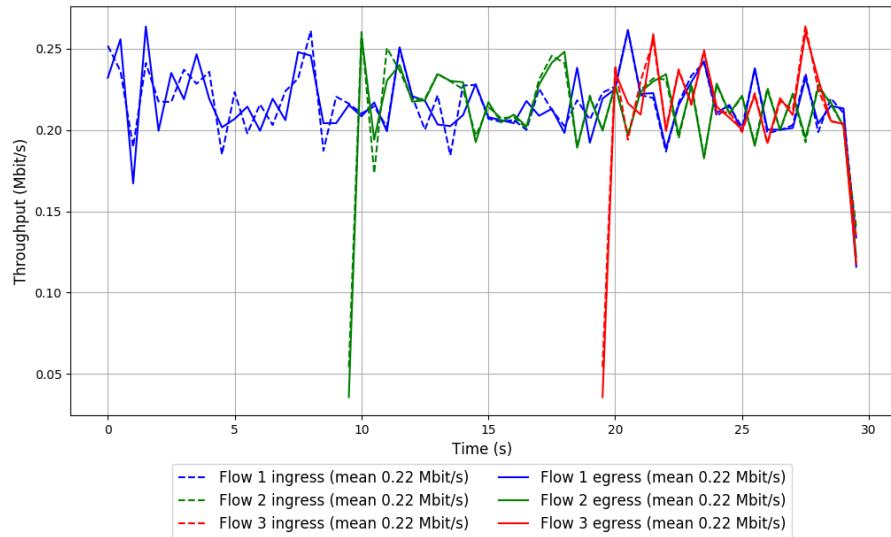


Run 1: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 07:59:16 +0000
End at: Sat, 29 Jul 2017 07:59:46 +0000
Local clock offset: 0.707 ms
Remote clock offset: -0.478 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.888 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.904 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.923 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.849 ms
Loss rate: 0.74%
```

Run 1: Report of SCReAM — Data Link

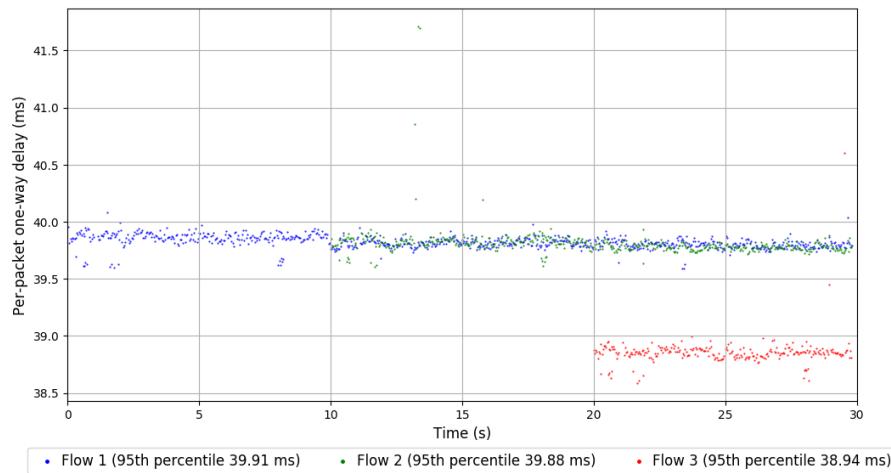
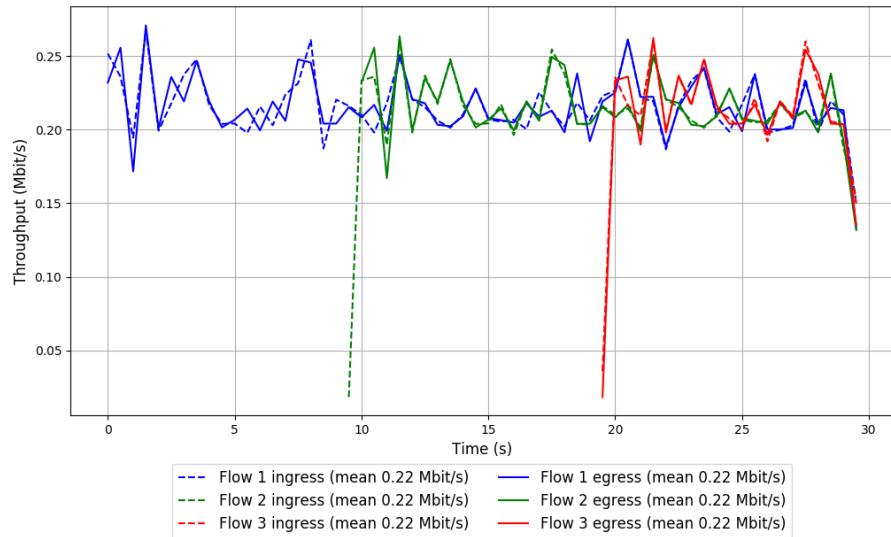


Run 2: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 08:20:17 +0000
End at: Sat, 29 Jul 2017 08:20:47 +0000
Local clock offset: 0.664 ms
Remote clock offset: -2.661 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 39.900 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.912 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.878 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.941 ms
Loss rate: 0.73%
```

Run 2: Report of SCReAM — Data Link

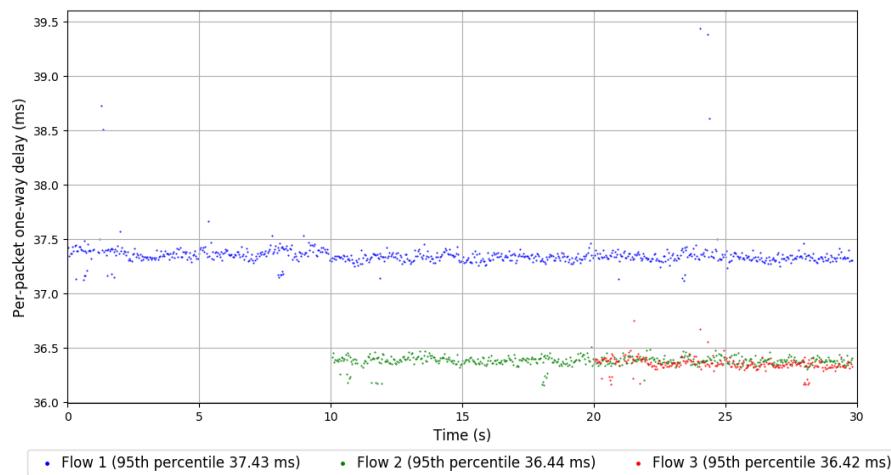
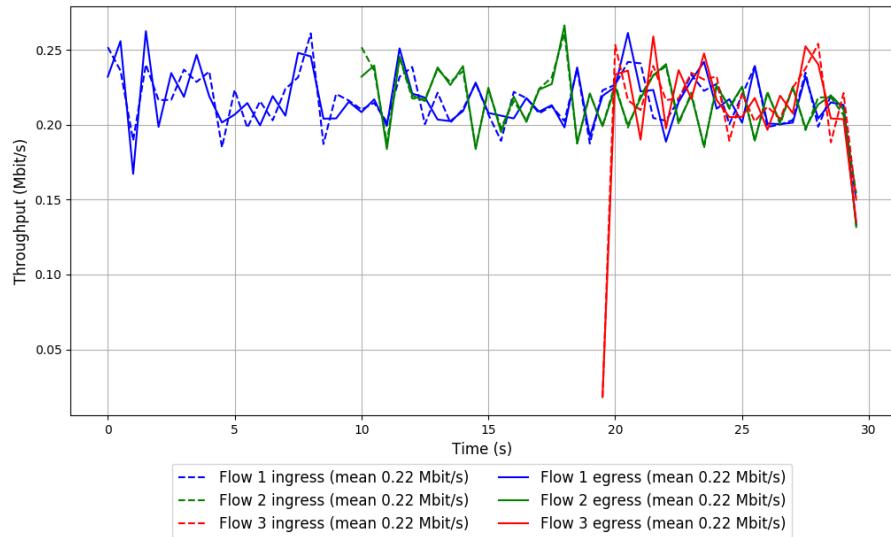


Run 3: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 08:41:17 +0000
End at: Sat, 29 Jul 2017 08:41:47 +0000
Local clock offset: 0.595 ms
Remote clock offset: -0.196 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.404 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.427 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.443 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.424 ms
Loss rate: 0.74%
```

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

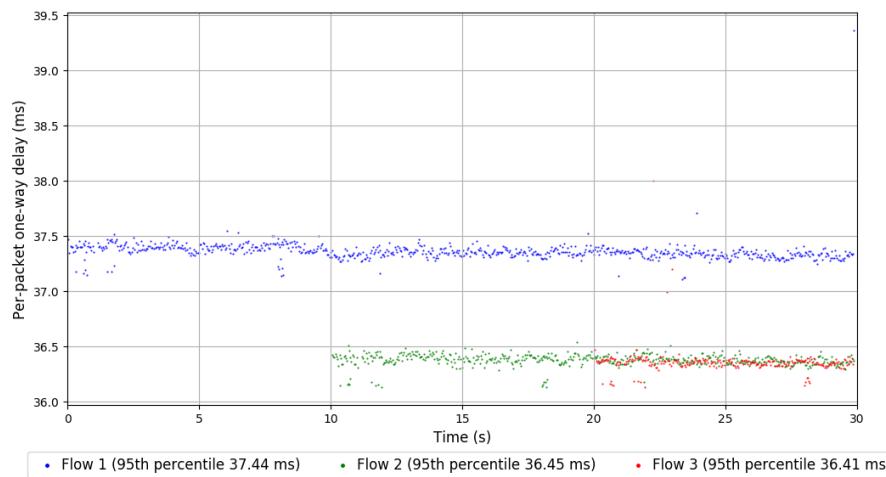
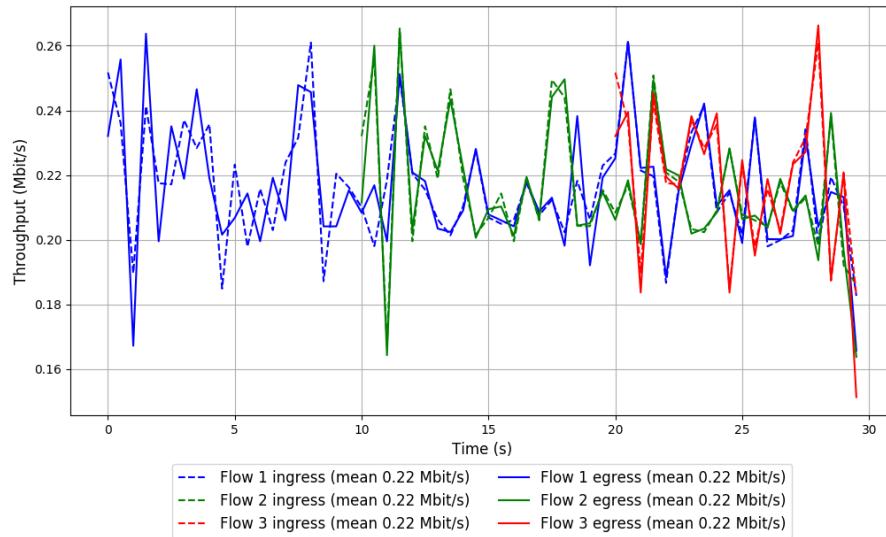


Run 4: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:02:19 +0000
End at: Sat, 29 Jul 2017 09:02:49 +0000
Local clock offset: 0.582 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.424 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.441 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.450 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.406 ms
Loss rate: 1.08%
```

Run 4: Report of SCReAM — Data Link

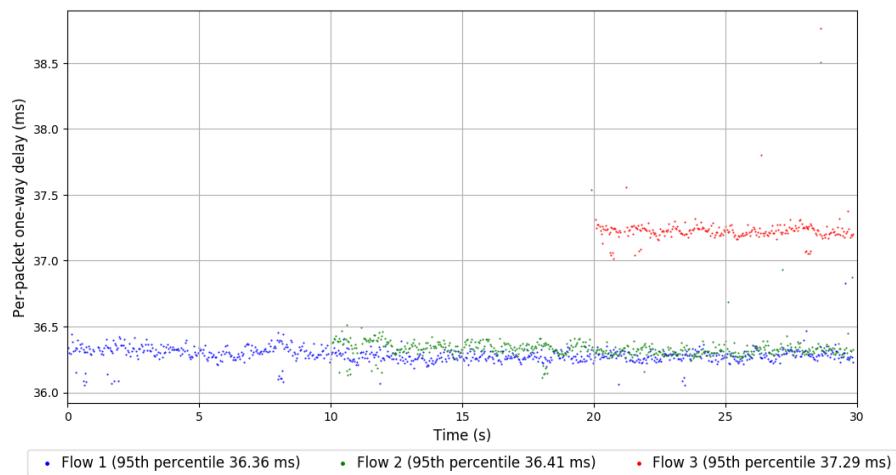
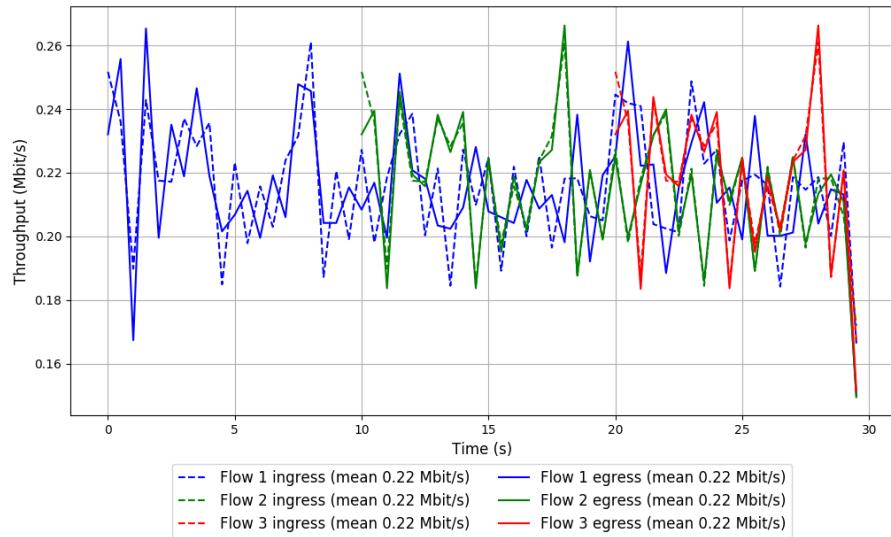


Run 5: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:23:15 +0000
End at: Sat, 29 Jul 2017 09:23:45 +0000
Local clock offset: 0.414 ms
Remote clock offset: 0.208 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.245 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.364 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.410 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.288 ms
Loss rate: 0.74%
```

Run 5: Report of SCReAM — Data Link

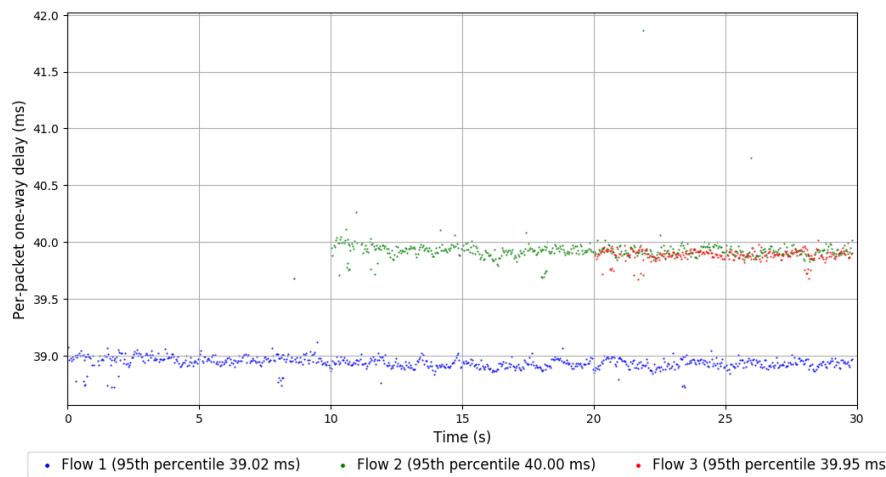
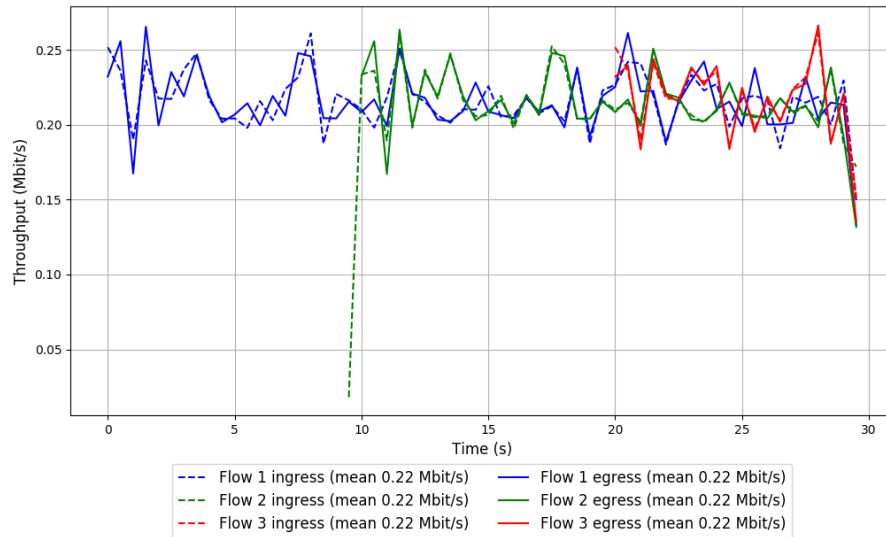


Run 6: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:44:18 +0000
End at: Sat, 29 Jul 2017 09:44:48 +0000
Local clock offset: 0.499 ms
Remote clock offset: -2.273 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 39.970 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.015 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.999 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.949 ms
Loss rate: 0.76%
```

Run 6: Report of SCReAM — Data Link

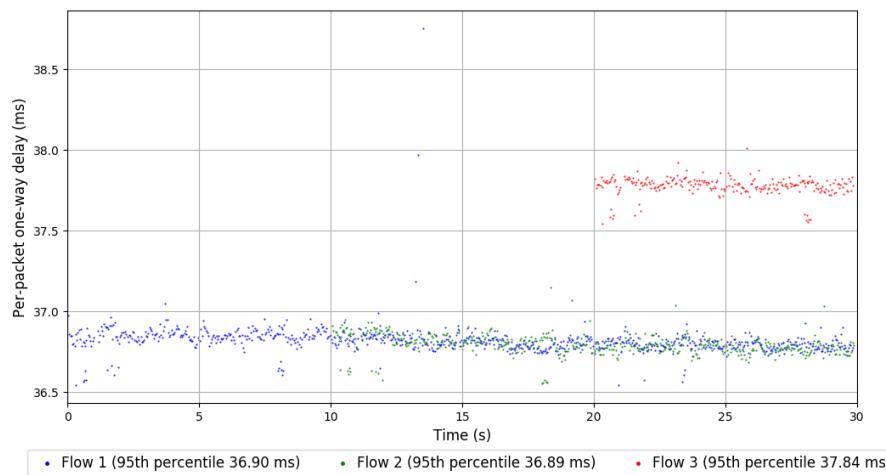
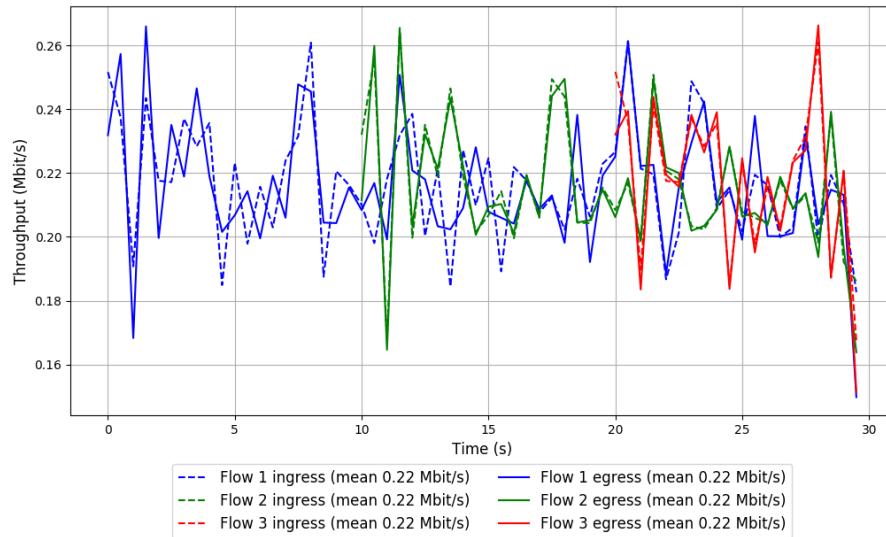


Run 7: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:05:19 +0000
End at: Sat, 29 Jul 2017 10:05:49 +0000
Local clock offset: 0.49 ms
Remote clock offset: -0.181 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.803 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.902 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.886 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.839 ms
Loss rate: 0.74%
```

Run 7: Report of SCReAM — Data Link

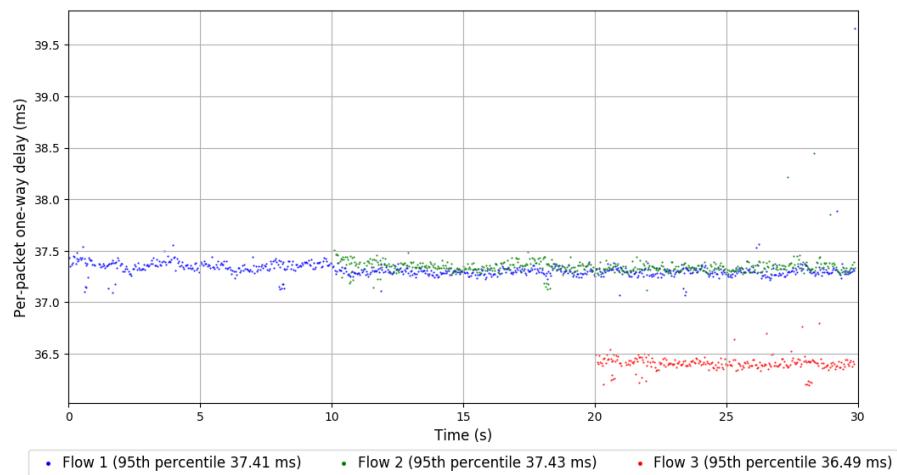
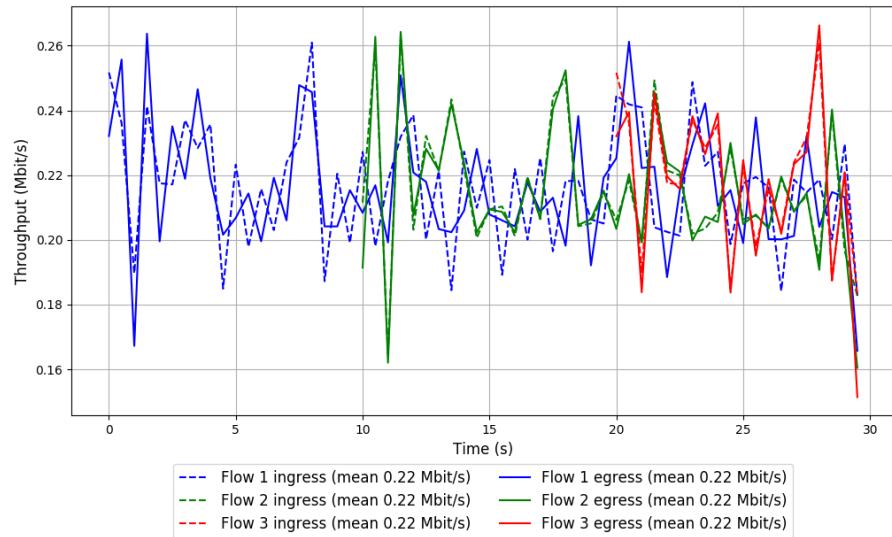


Run 8: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:26:34 +0000
End at: Sat, 29 Jul 2017 10:27:04 +0000
Local clock offset: 0.48 ms
Remote clock offset: 0.145 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.413 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.405 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.433 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.487 ms
Loss rate: 1.08%
```

Run 8: Report of SCReAM — Data Link

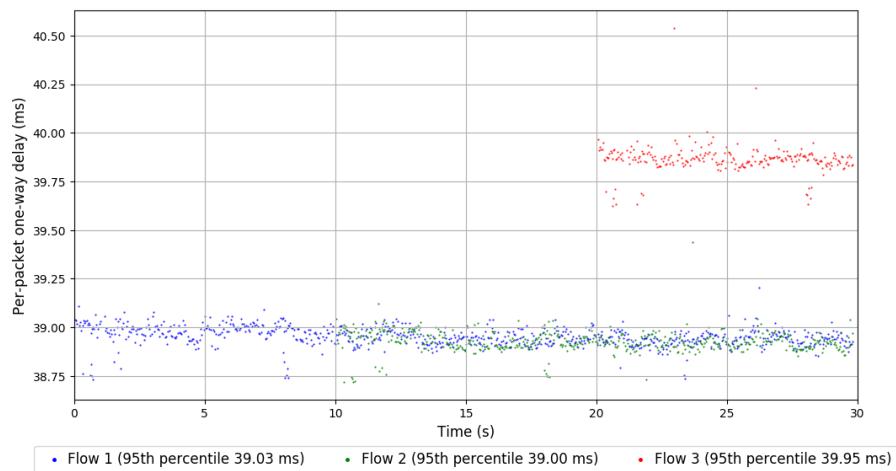
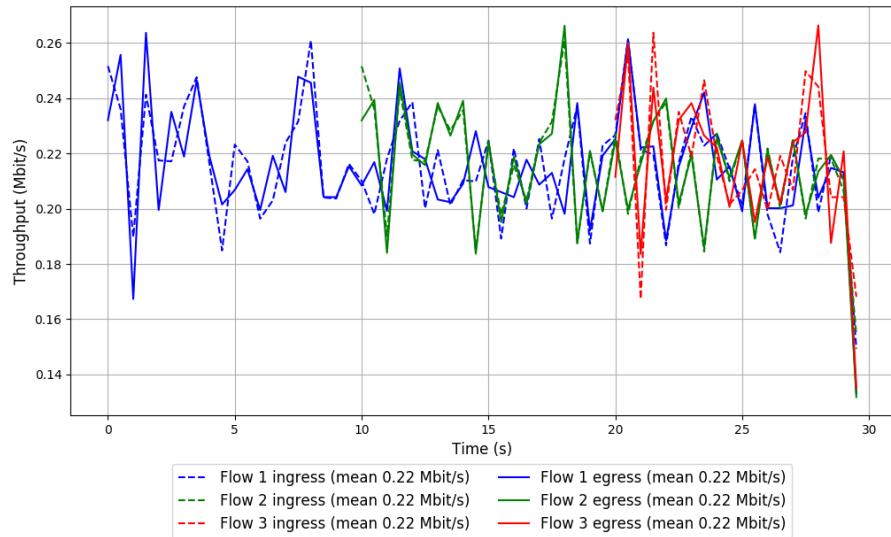


Run 9: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:47:36 +0000
End at: Sat, 29 Jul 2017 10:48:06 +0000
Local clock offset: 0.505 ms
Remote clock offset: -2.382 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 39.884 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.031 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.002 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.946 ms
Loss rate: 0.76%
```

## Run 9: Report of SCReAM — Data Link

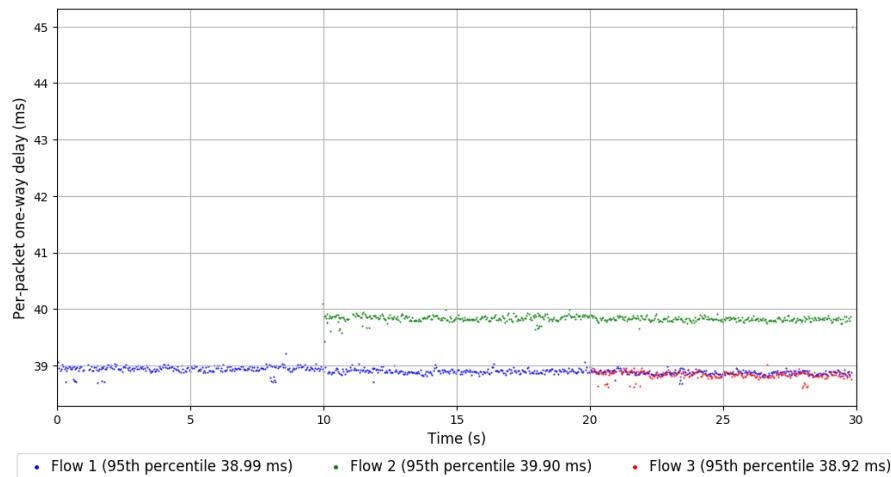
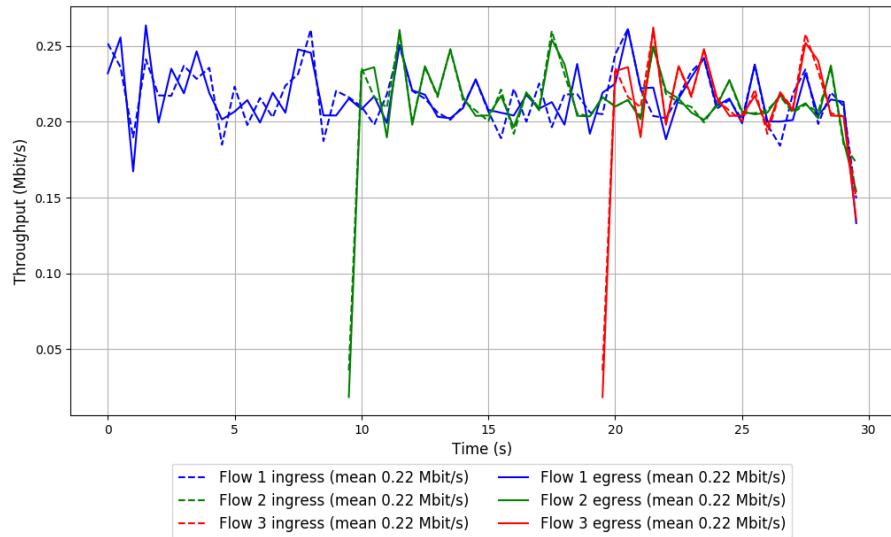


Run 10: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 11:08:51 +0000
End at: Sat, 29 Jul 2017 11:09:21 +0000
Local clock offset: 0.481 ms
Remote clock offset: -2.373 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 39.878 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.995 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.901 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.923 ms
Loss rate: 0.73%
```

Run 10: Report of SCReAM — Data Link

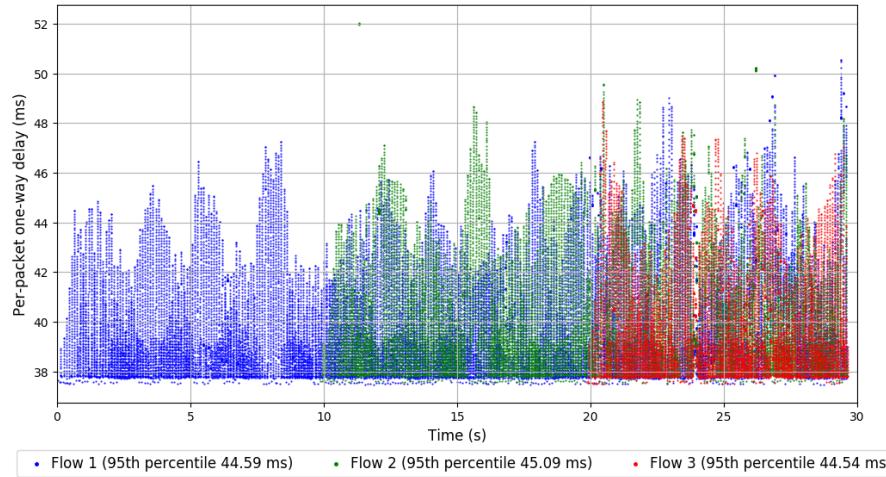
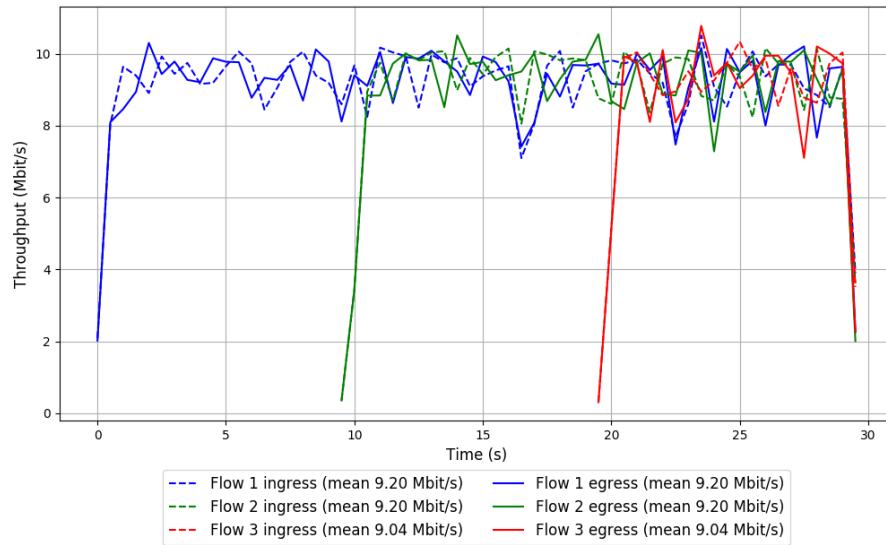


Run 1: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:00:35 +0000
End at: Sat, 29 Jul 2017 08:01:05 +0000
Local clock offset: 0.697 ms
Remote clock offset: -0.483 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 44.755 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 44.589 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 45.087 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 44.542 ms
Loss rate: 0.86%
```

## Run 1: Report of Sprout — Data Link

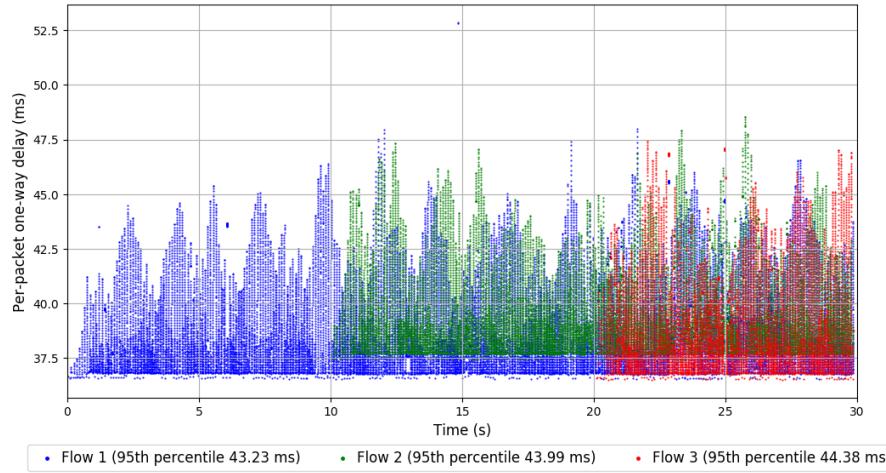
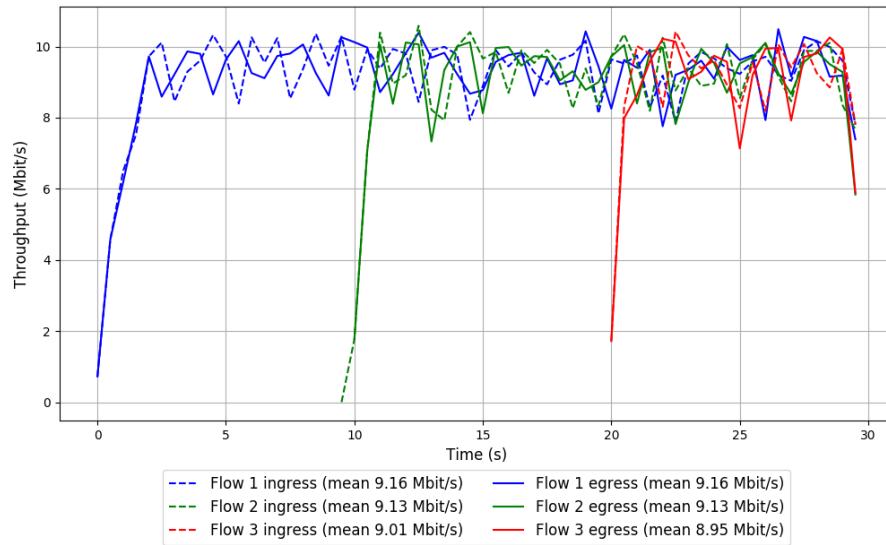


Run 2: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:21:36 +0000
End at: Sat, 29 Jul 2017 08:22:07 +0000
Local clock offset: 0.655 ms
Remote clock offset: -0.631 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 43.664 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 43.232 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 43.992 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 44.385 ms
Loss rate: 1.09%
```

## Run 2: Report of Sprout — Data Link

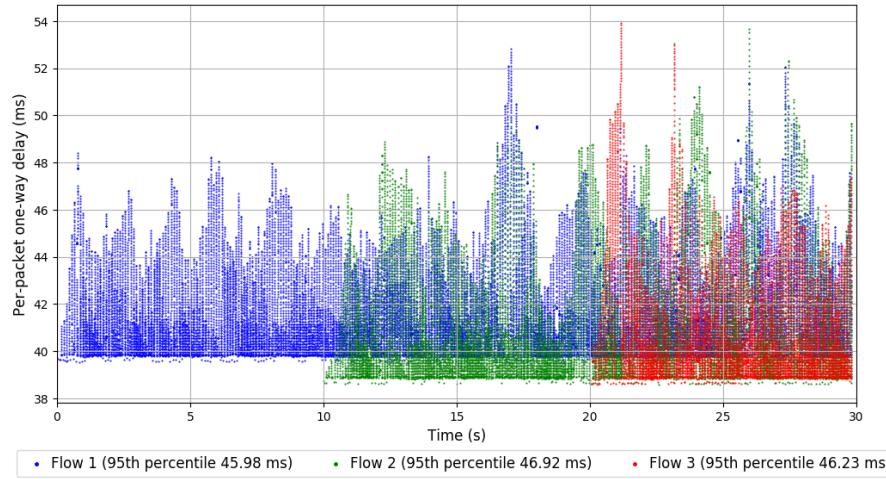
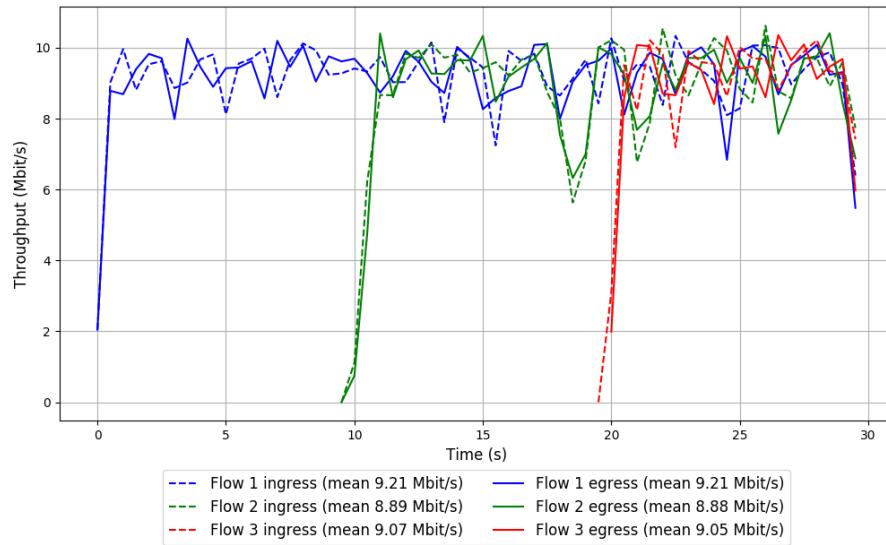


Run 3: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:42:36 +0000
End at: Sat, 29 Jul 2017 08:43:06 +0000
Local clock offset: 0.516 ms
Remote clock offset: -2.694 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.10 Mbit/s
95th percentile per-packet one-way delay: 46.343 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 45.977 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 46.920 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 46.230 ms
Loss rate: 1.10%
```

Run 3: Report of Sprout — Data Link

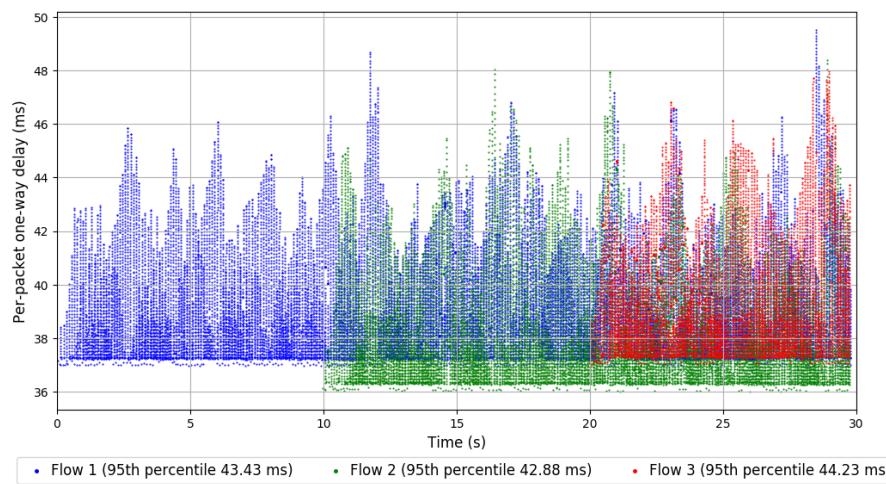
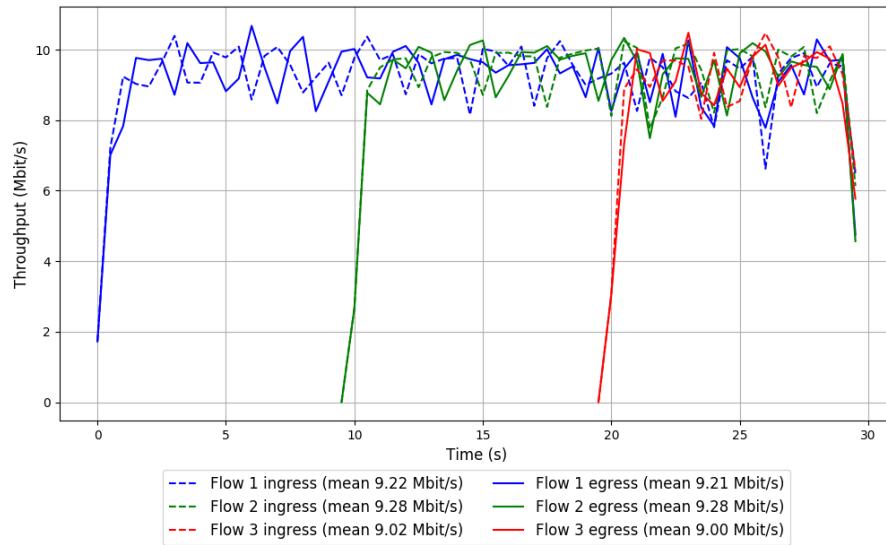


Run 4: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:03:38 +0000
End at: Sat, 29 Jul 2017 09:04:08 +0000
Local clock offset: 0.462 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 43.424 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 43.427 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 42.883 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 44.229 ms
Loss rate: 1.15%
```

## Run 4: Report of Sprout — Data Link

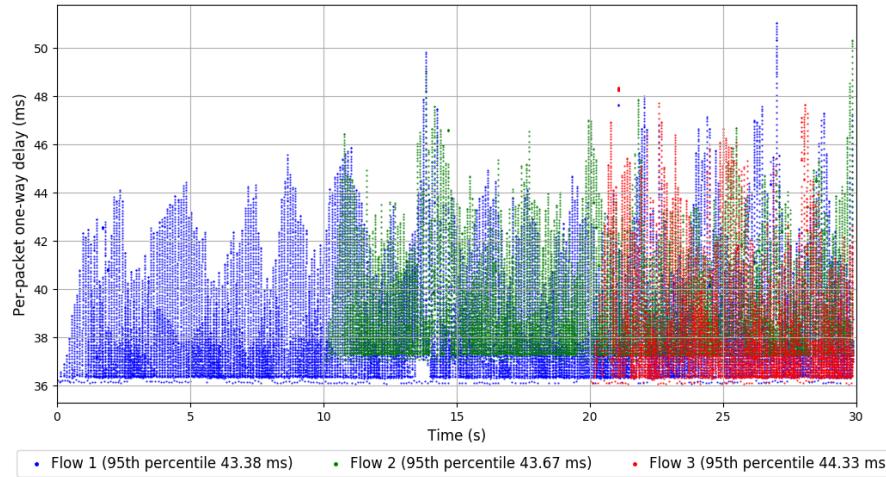
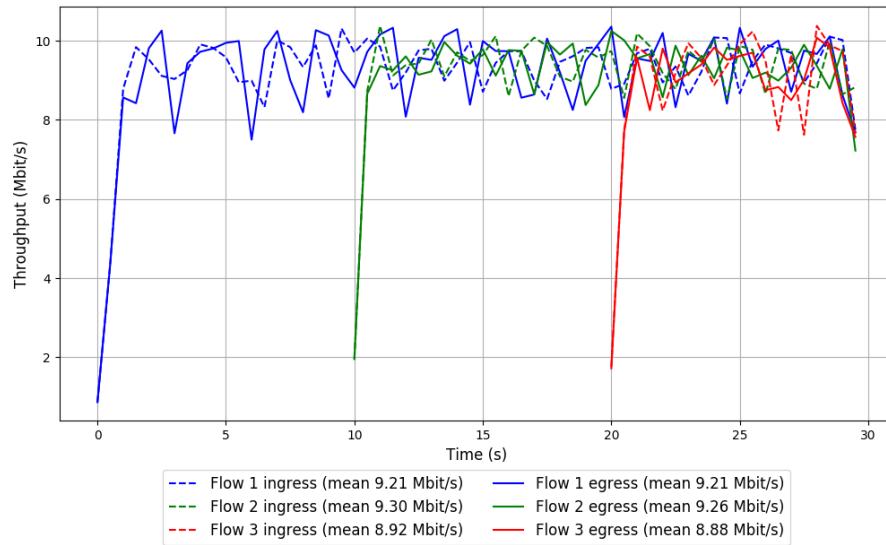


Run 5: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:24:34 +0000
End at: Sat, 29 Jul 2017 09:25:04 +0000
Local clock offset: 0.435 ms
Remote clock offset: 0.25 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.28 Mbit/s
95th percentile per-packet one-way delay: 43.628 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 43.375 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 43.673 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 44.327 ms
Loss rate: 1.26%
```

Run 5: Report of Sprout — Data Link

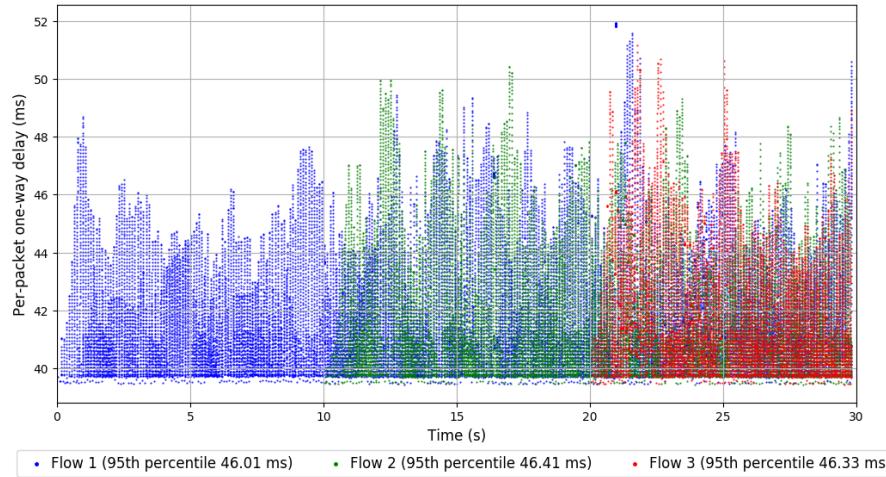
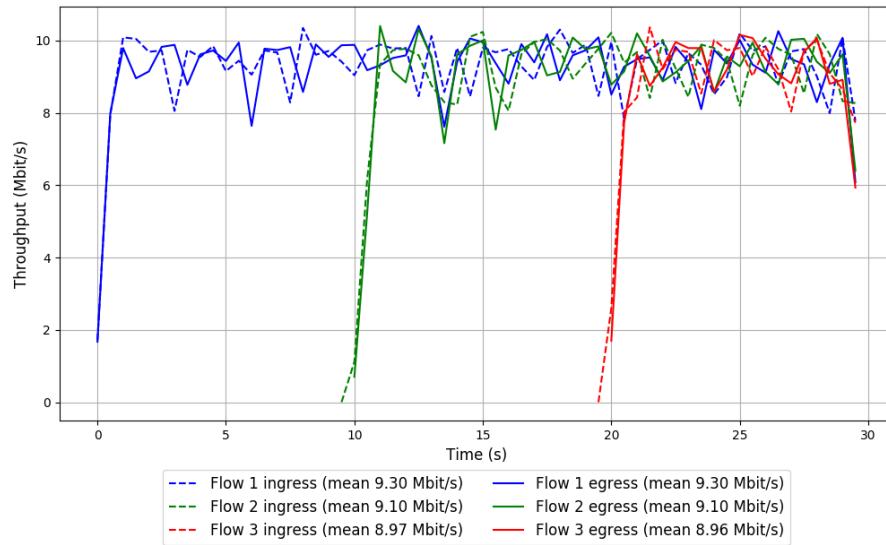


Run 6: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:45:38 +0000
End at: Sat, 29 Jul 2017 09:46:08 +0000
Local clock offset: 0.382 ms
Remote clock offset: -2.225 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.30 Mbit/s
95th percentile per-packet one-way delay: 46.186 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 46.013 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 9.10 Mbit/s
95th percentile per-packet one-way delay: 46.408 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 46.325 ms
Loss rate: 1.16%
```

Run 6: Report of Sprout — Data Link

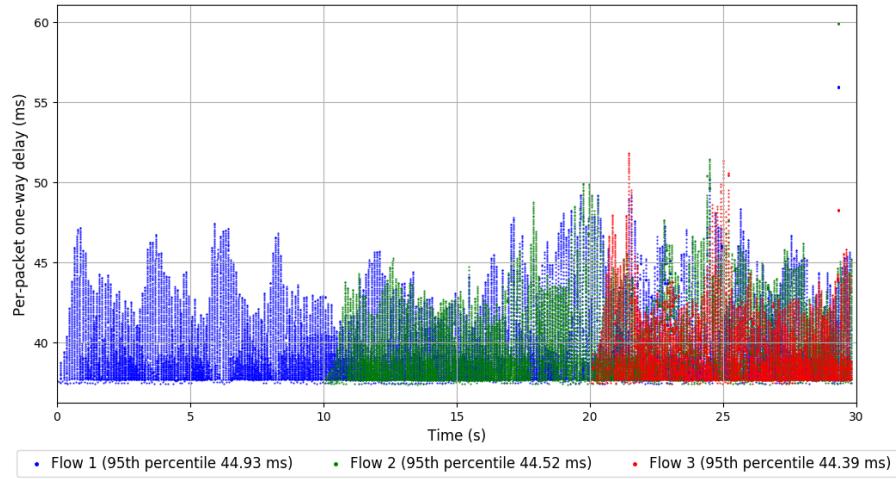
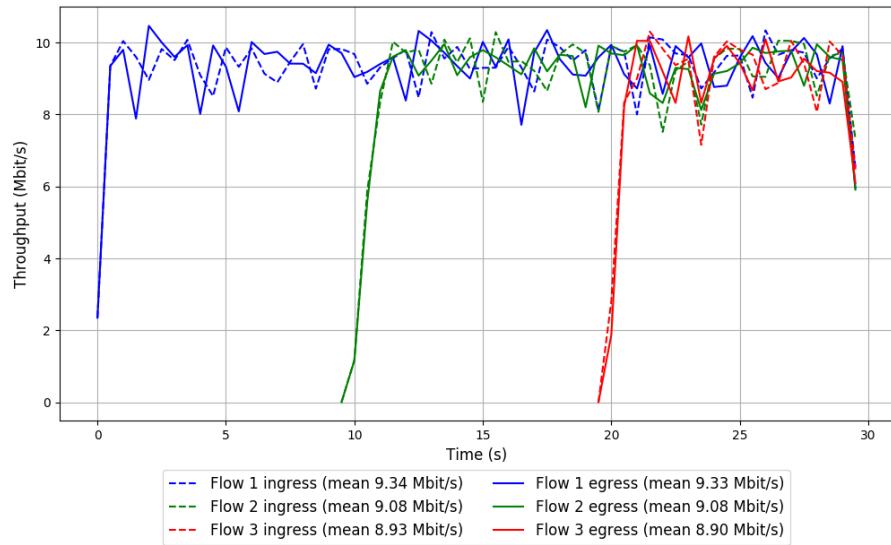


Run 7: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:06:38 +0000
End at: Sat, 29 Jul 2017 10:07:08 +0000
Local clock offset: 0.397 ms
Remote clock offset: -0.228 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.31 Mbit/s
95th percentile per-packet one-way delay: 44.734 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 44.929 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 44.519 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 44.386 ms
Loss rate: 1.13%
```

Run 7: Report of Sprout — Data Link

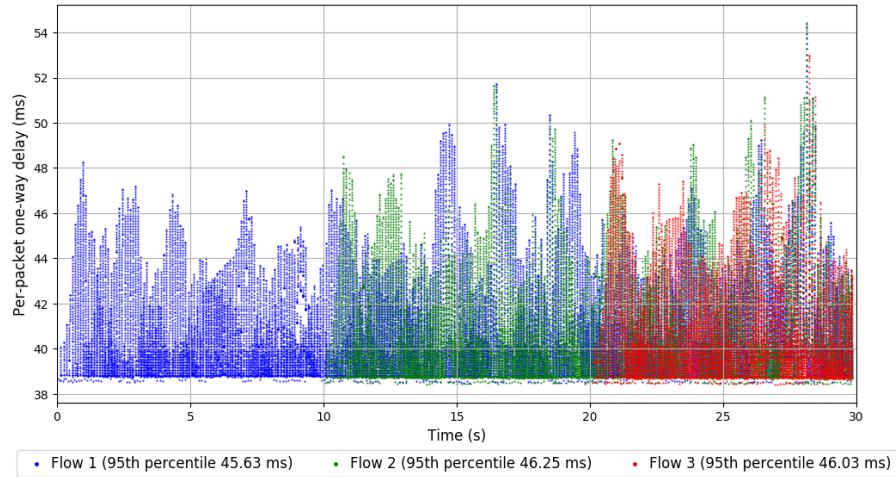
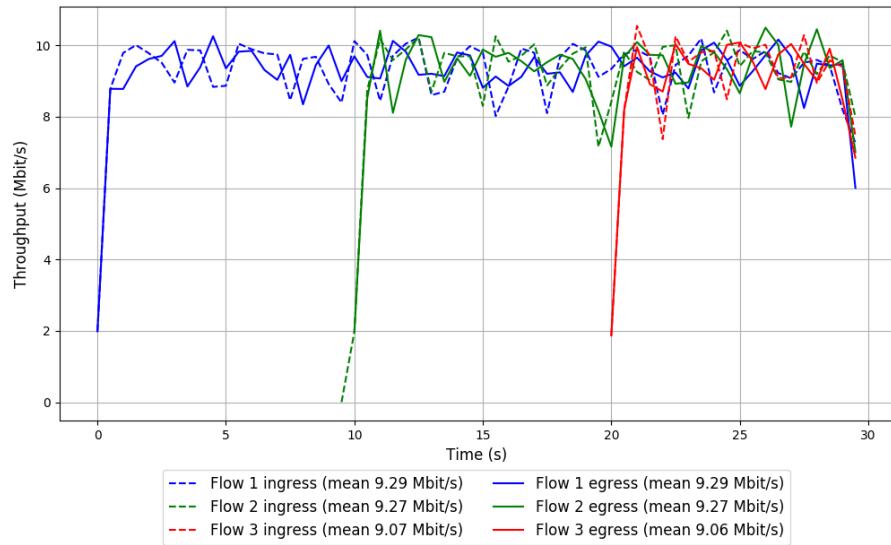


Run 8: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:27:53 +0000
End at: Sat, 29 Jul 2017 10:28:23 +0000
Local clock offset: 0.389 ms
Remote clock offset: -2.261 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 45.906 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 45.635 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 46.249 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 46.028 ms
Loss rate: 1.08%
```

Run 8: Report of Sprout — Data Link

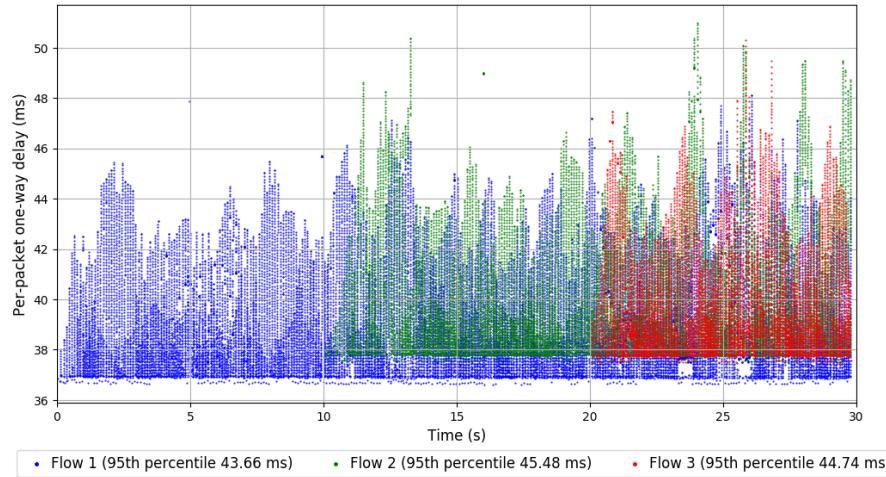
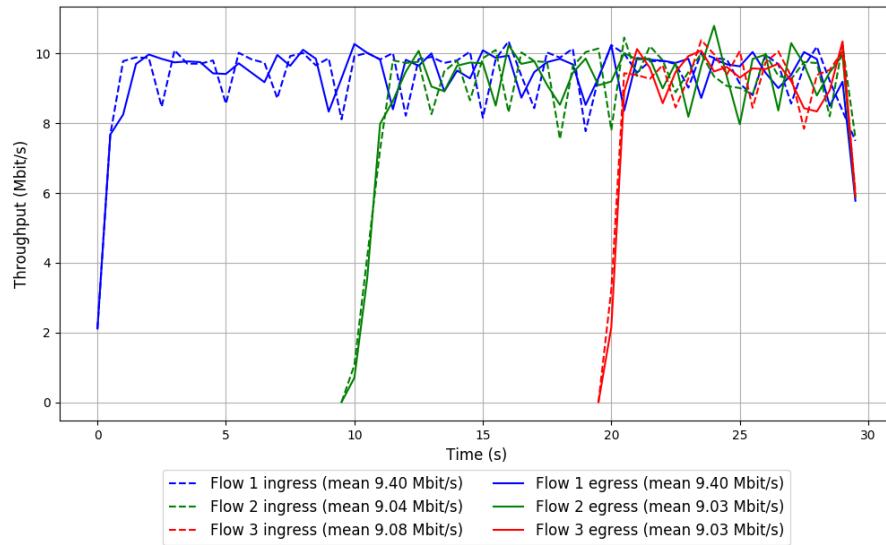


Run 9: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:48:56 +0000
End at: Sat, 29 Jul 2017 10:49:26 +0000
Local clock offset: 0.5 ms
Remote clock offset: -0.292 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.37 Mbit/s
95th percentile per-packet one-way delay: 44.415 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 43.665 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 45.477 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 44.742 ms
Loss rate: 1.00%
```

Run 9: Report of Sprout — Data Link

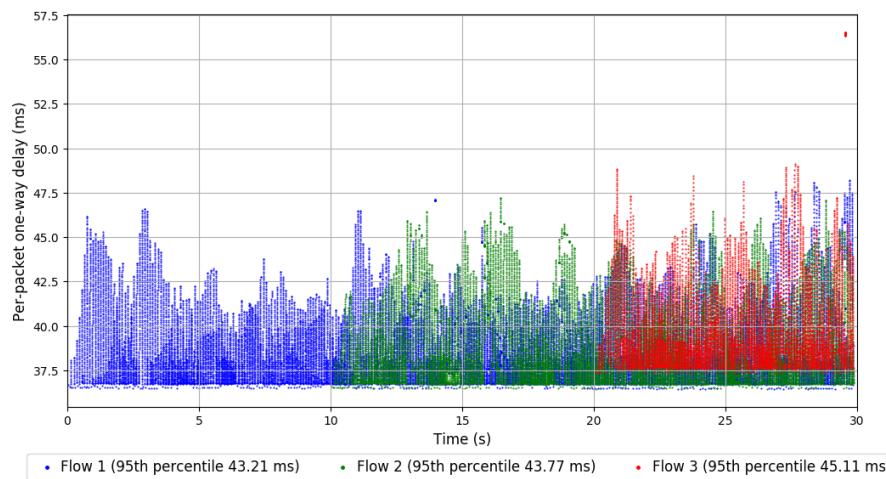
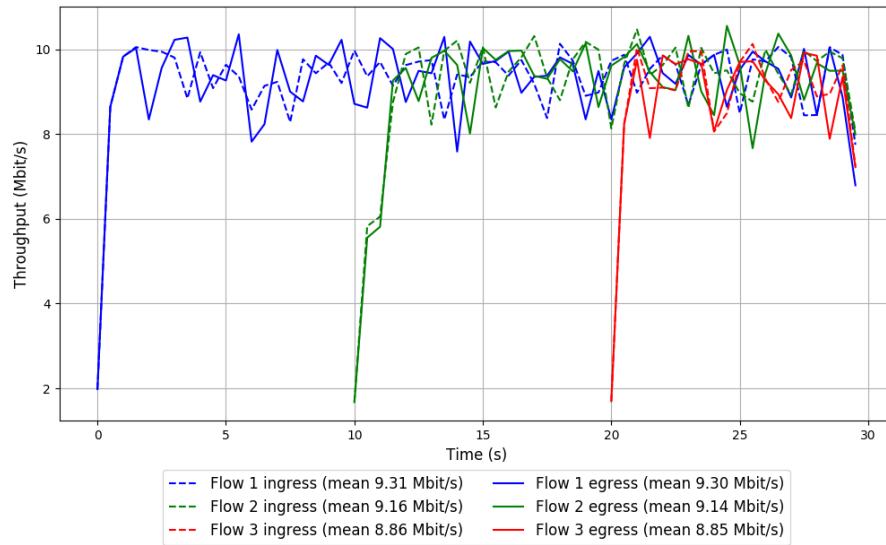


Run 10: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 11:10:11 +0000
End at: Sat, 29 Jul 2017 11:10:41 +0000
Local clock offset: 0.474 ms
Remote clock offset: -0.192 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 43.820 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 43.211 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 43.773 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 8.85 Mbit/s
95th percentile per-packet one-way delay: 45.113 ms
Loss rate: 0.92%
```

## Run 10: Report of Sprout — Data Link

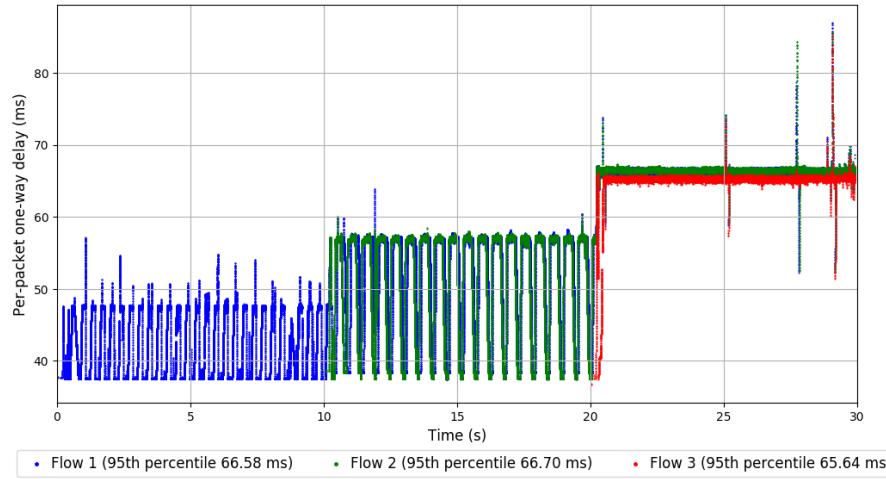
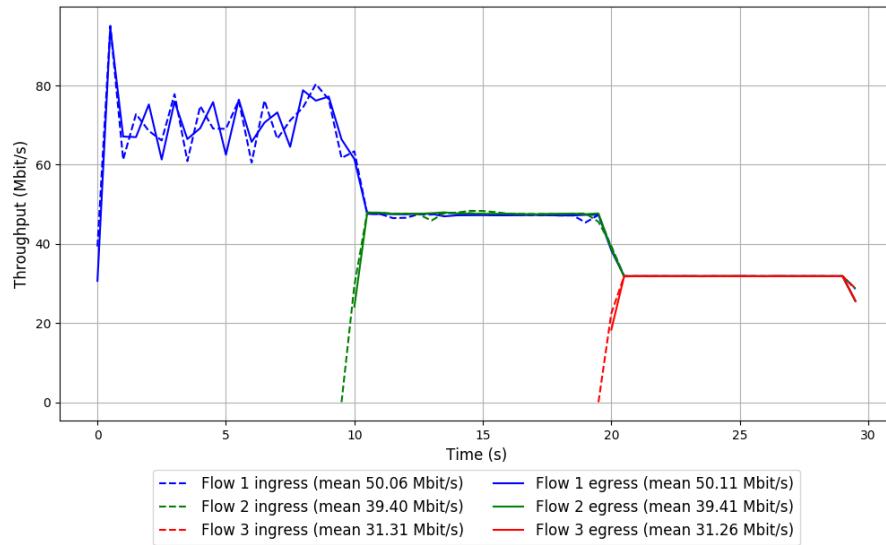


Run 1: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 07:53:31 +0000
End at: Sat, 29 Jul 2017 07:54:01 +0000
Local clock offset: 0.615 ms
Remote clock offset: -0.285 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 66.629 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 66.579 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 66.705 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 65.640 ms
Loss rate: 1.18%
```

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

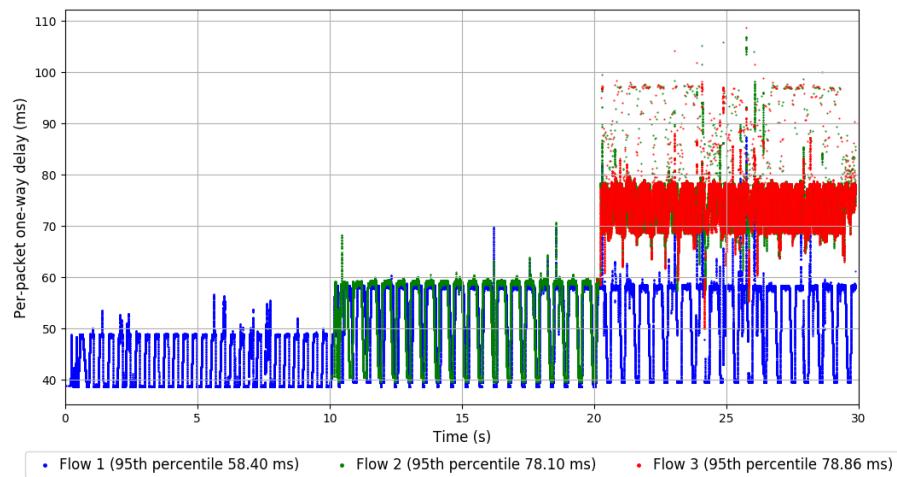
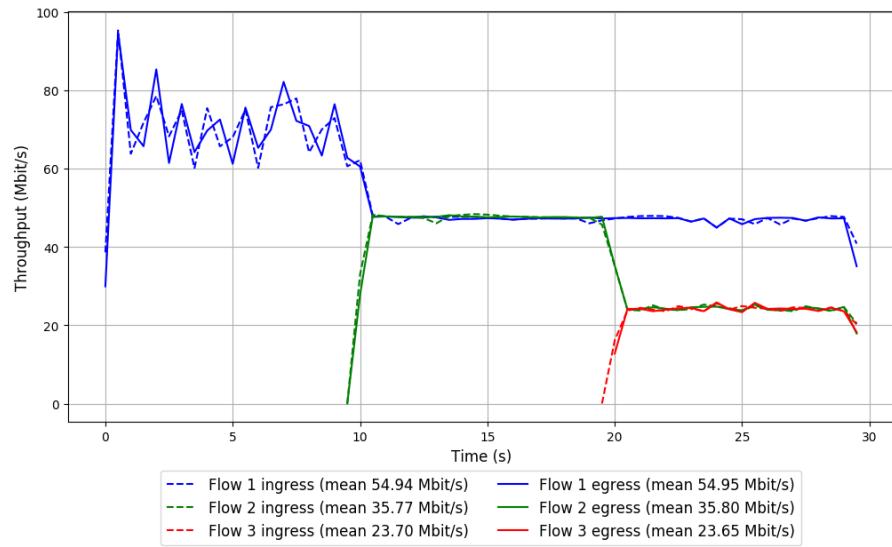


Run 2: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:14:31 +0000
End at: Sat, 29 Jul 2017 08:15:01 +0000
Local clock offset: 0.631 ms
Remote clock offset: -2.67 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.62 Mbit/s
95th percentile per-packet one-way delay: 77.602 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 54.95 Mbit/s
95th percentile per-packet one-way delay: 58.404 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 78.101 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 78.864 ms
Loss rate: 1.22%
```

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

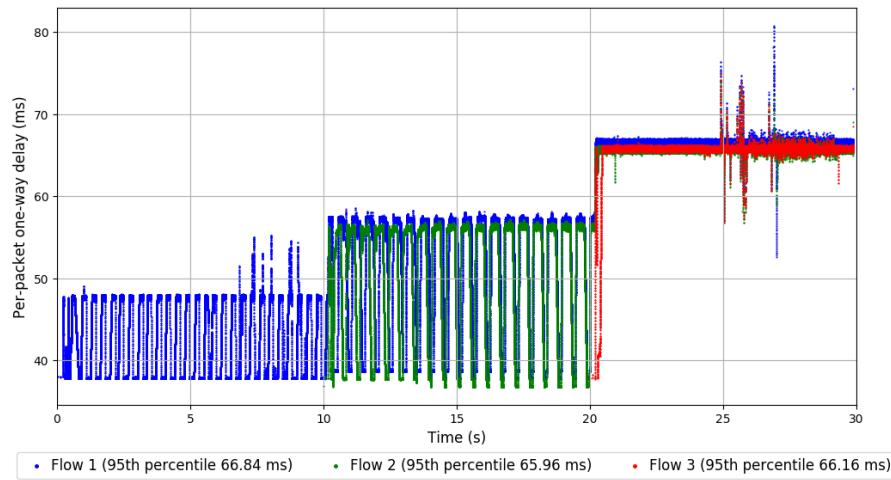
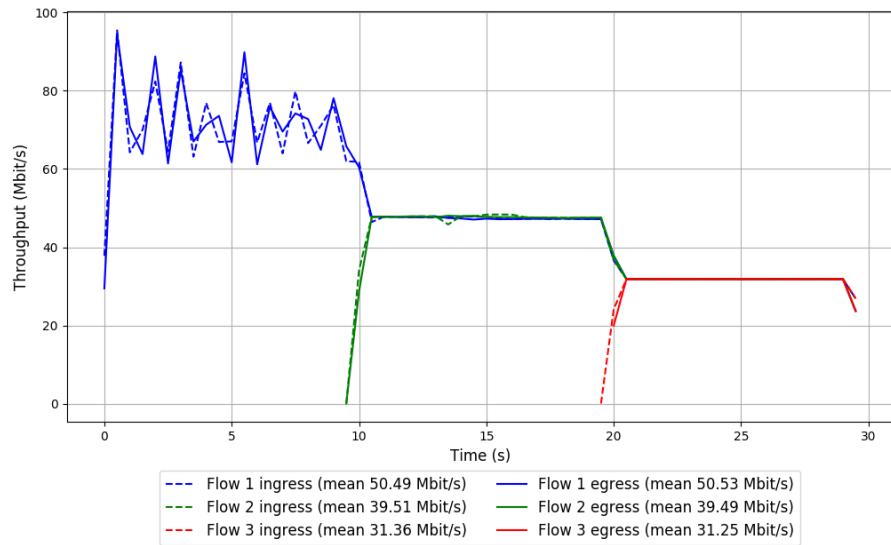


Run 3: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:35:34 +0000
End at: Sat, 29 Jul 2017 08:36:04 +0000
Local clock offset: 0.625 ms
Remote clock offset: -0.718 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 66.773 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.53 Mbit/s
95th percentile per-packet one-way delay: 66.839 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 65.964 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 66.159 ms
Loss rate: 1.18%
```

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

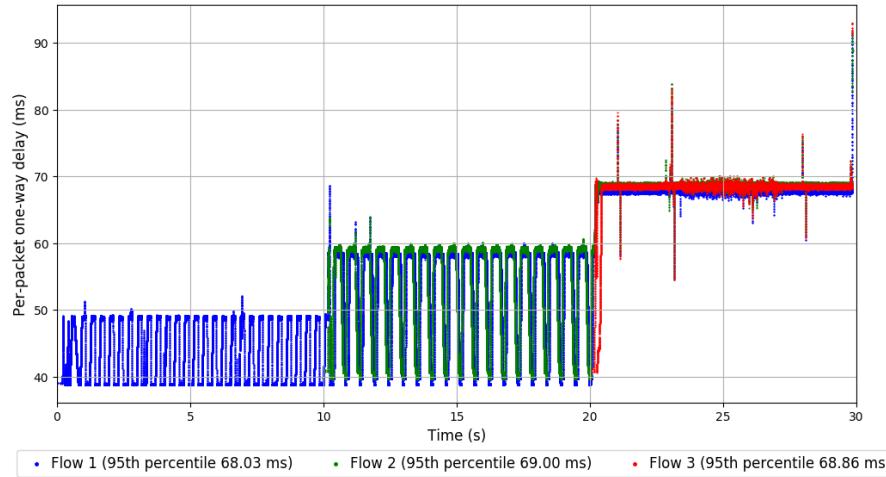
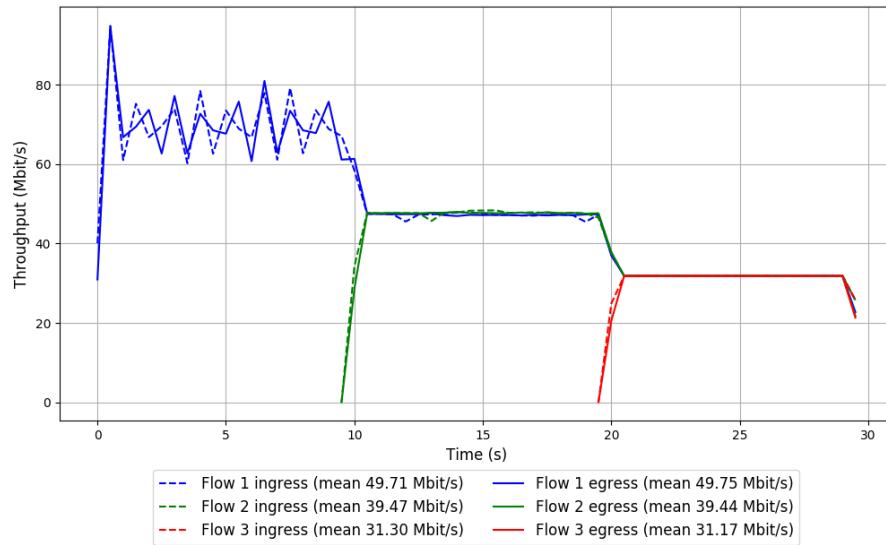


Run 4: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:56:37 +0000
End at: Sat, 29 Jul 2017 08:57:07 +0000
Local clock offset: 0.571 ms
Remote clock offset: -2.567 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:07:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 68.830 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 49.75 Mbit/s
95th percentile per-packet one-way delay: 68.030 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 39.44 Mbit/s
95th percentile per-packet one-way delay: 69.003 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 68.860 ms
Loss rate: 1.42%
```

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

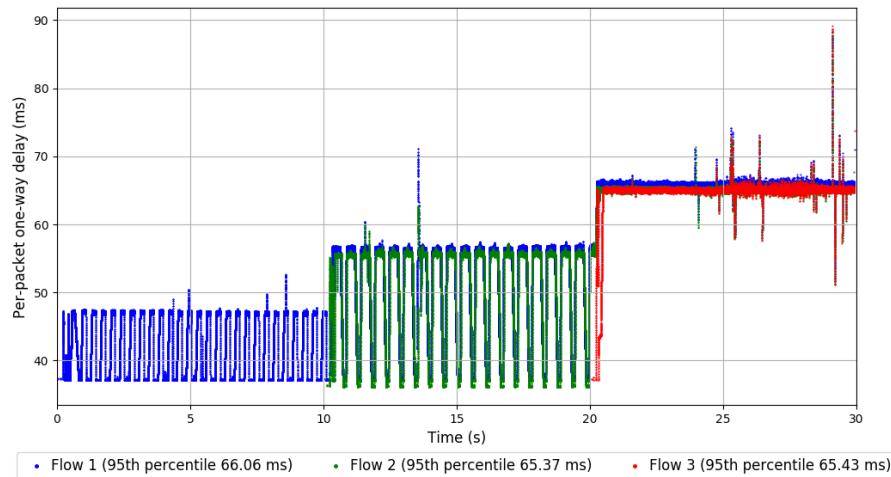
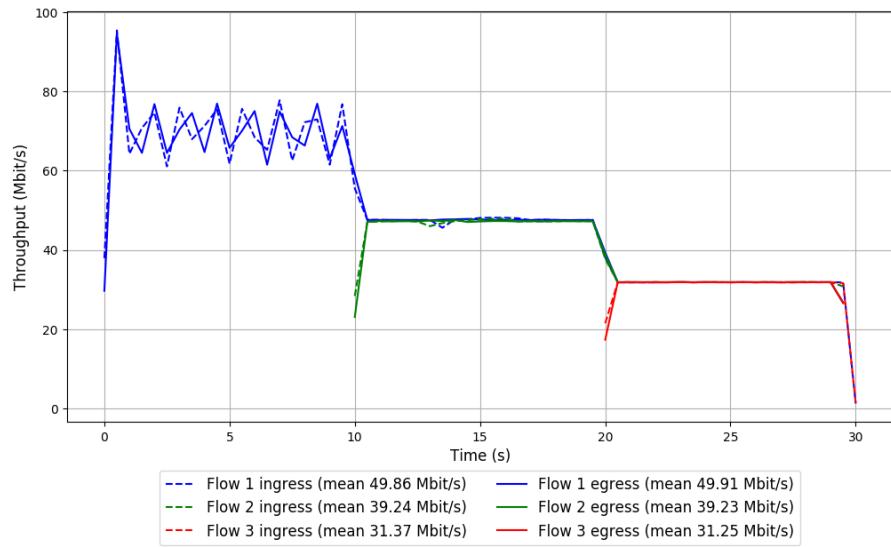


Run 5: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:17:35 +0000
End at: Sat, 29 Jul 2017 09:18:05 +0000
Local clock offset: 0.523 ms
Remote clock offset: 0.349 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 65.992 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 66.065 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 65.369 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 65.427 ms
Loss rate: 1.68%
```

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

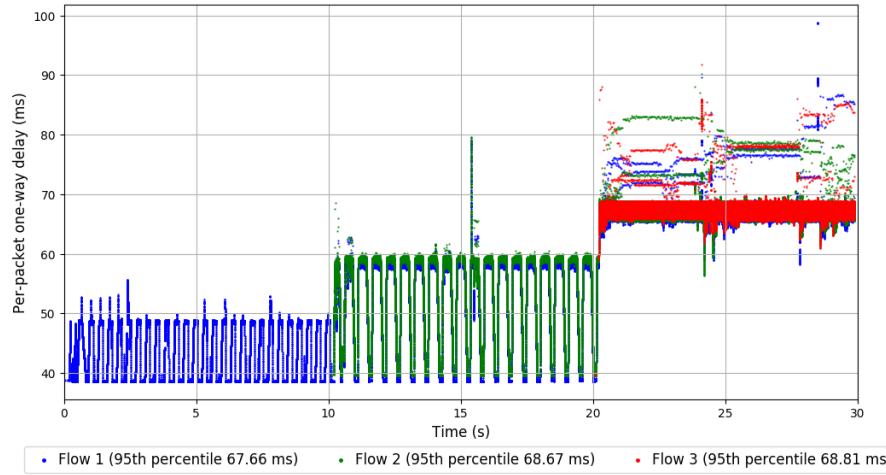
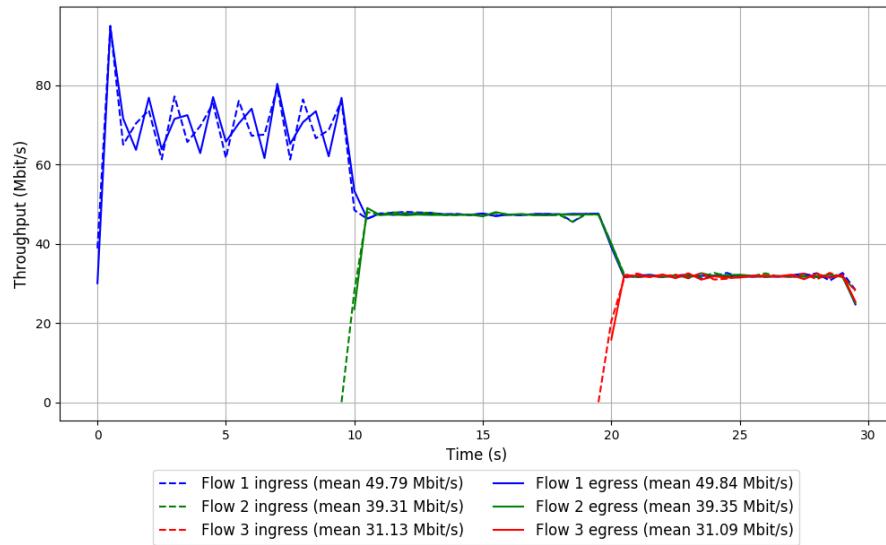


Run 6: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:38:36 +0000
End at: Sat, 29 Jul 2017 09:39:06 +0000
Local clock offset: 0.37 ms
Remote clock offset: -2.175 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 68.631 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 67.662 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 68.673 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 68.807 ms
Loss rate: 1.17%
```

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

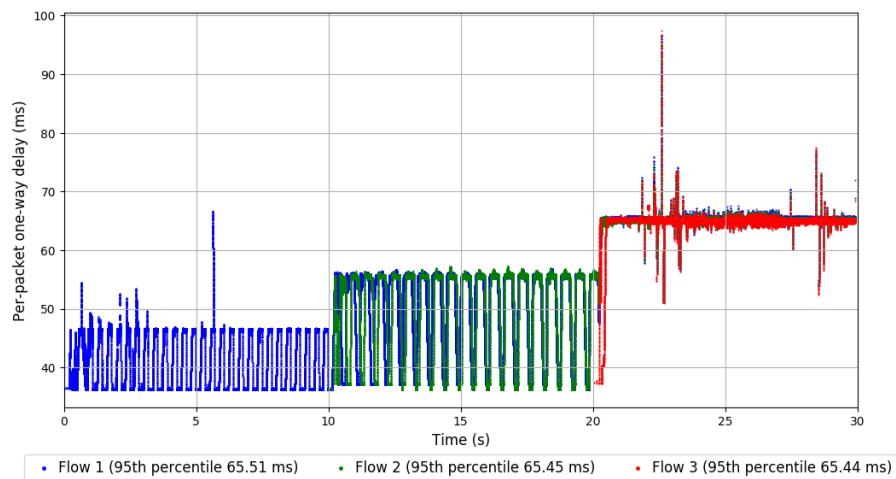
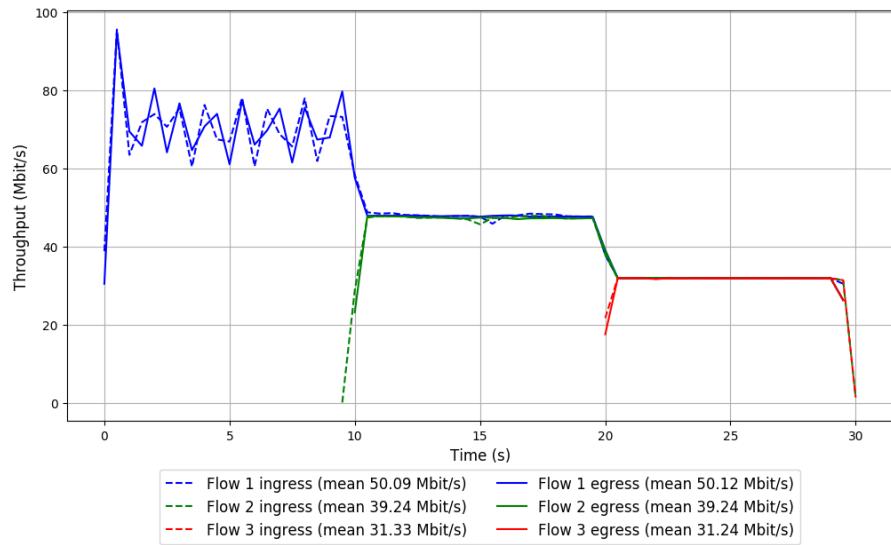


Run 7: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:59:37 +0000
End at: Sat, 29 Jul 2017 10:00:07 +0000
Local clock offset: 0.406 ms
Remote clock offset: 0.19 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.54 Mbit/s
95th percentile per-packet one-way delay: 65.488 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 65.514 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.24 Mbit/s
95th percentile per-packet one-way delay: 65.454 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 65.444 ms
Loss rate: 1.68%
```

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

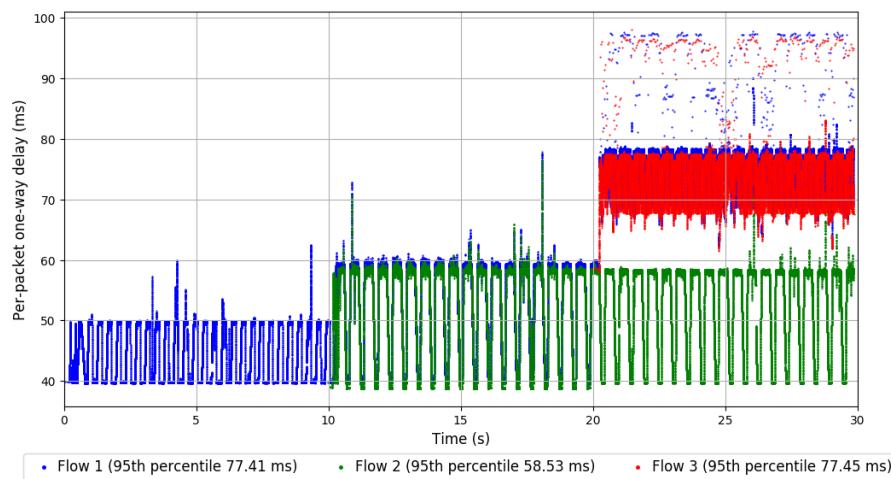
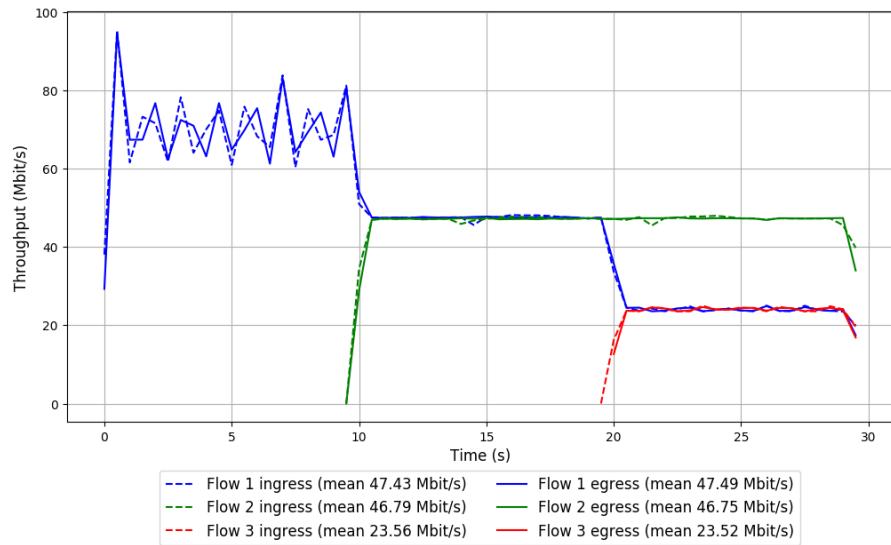


Run 8: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 10:20:49 +0000
End at: Sat, 29 Jul 2017 10:21:19 +0000
Local clock offset: 0.467 ms
Remote clock offset: -2.344 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 77.166 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 77.408 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 58.532 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 77.447 ms
Loss rate: 1.36%
```

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

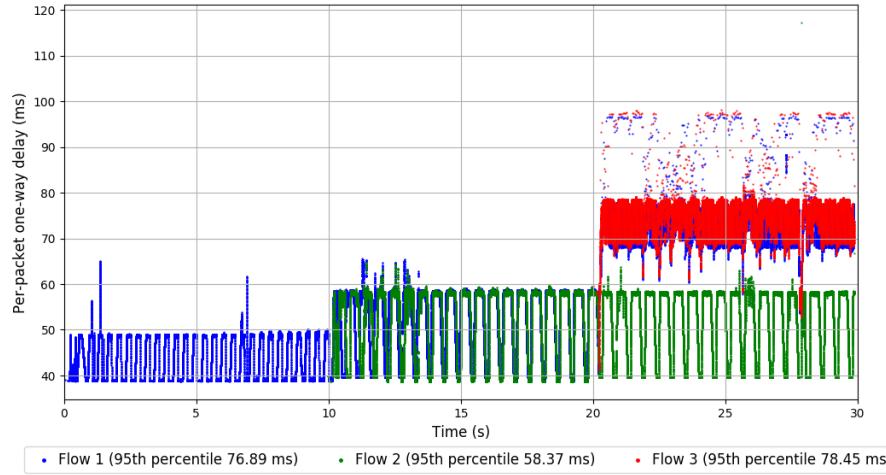
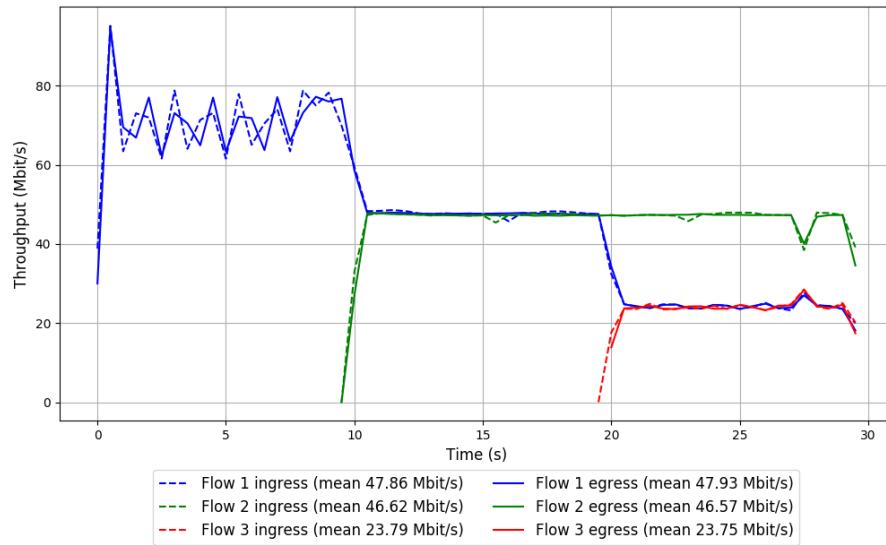


Run 9: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 10:41:53 +0000
End at: Sat, 29 Jul 2017 10:42:23 +0000
Local clock offset: 0.496 ms
Remote clock offset: -2.284 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 77.231 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 47.93 Mbit/s
95th percentile per-packet one-way delay: 76.890 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 58.370 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 78.453 ms
Loss rate: 1.39%
```

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

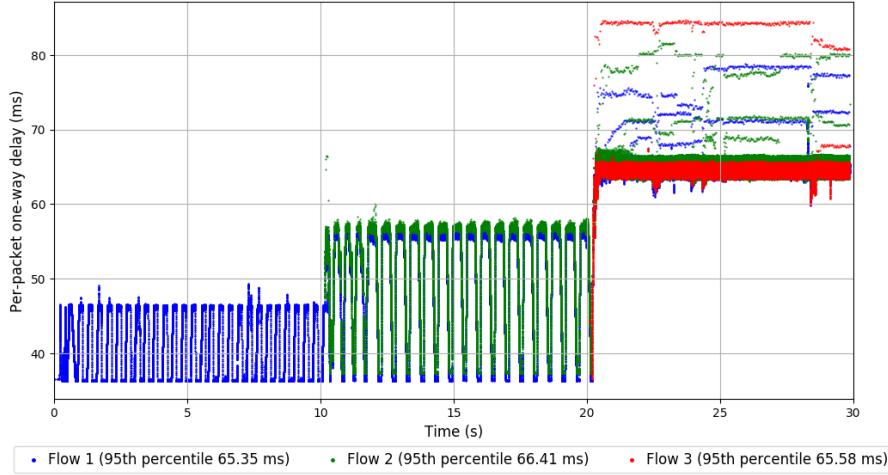
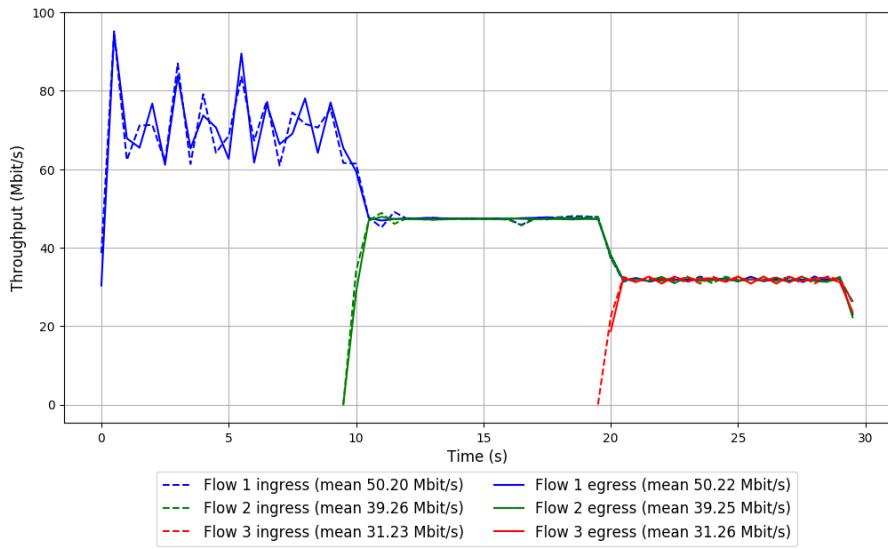


```
Run 10: Statistics of TaoVA-100x

Start at: Sat, 29 Jul 2017 11:03:07 +0000
End at: Sat, 29 Jul 2017 11:03:37 +0000
Local clock offset: 0.576 ms
Remote clock offset: 0.175 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 66.091 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 65.348 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 66.406 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 65.578 ms
Loss rate: 1.17%
```

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

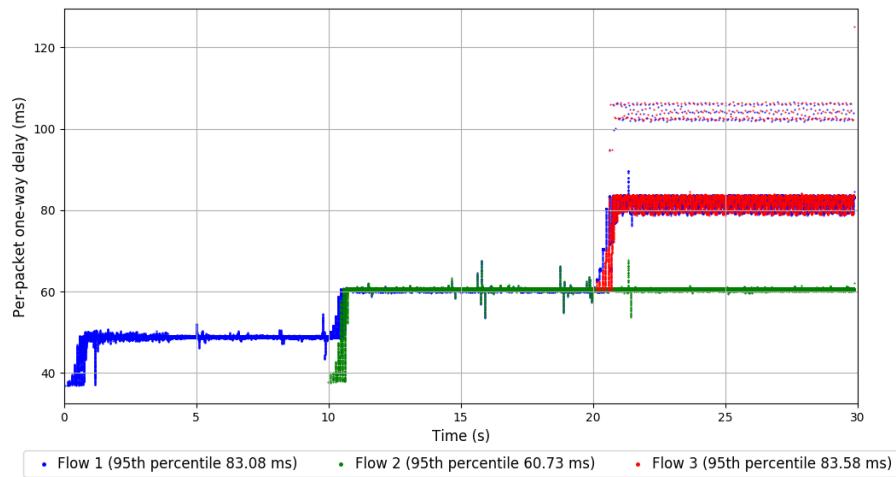
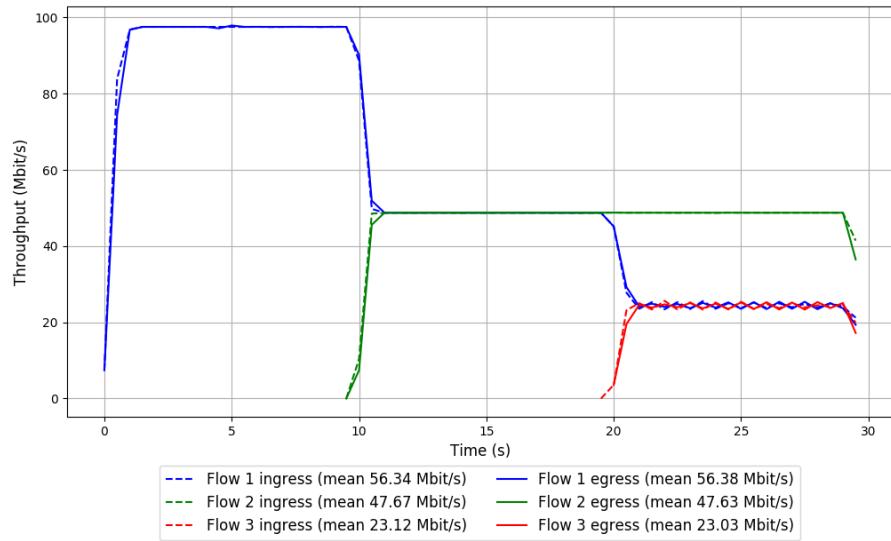


Run 1: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 07:55:00 +0000
End at: Sat, 29 Jul 2017 07:55:30 +0000
Local clock offset: 0.701 ms
Remote clock offset: -0.416 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 83.211 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 56.38 Mbit/s
95th percentile per-packet one-way delay: 83.075 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 60.730 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 83.584 ms
Loss rate: 1.37%
```

Run 1: Report of TCP Vegas — Data Link

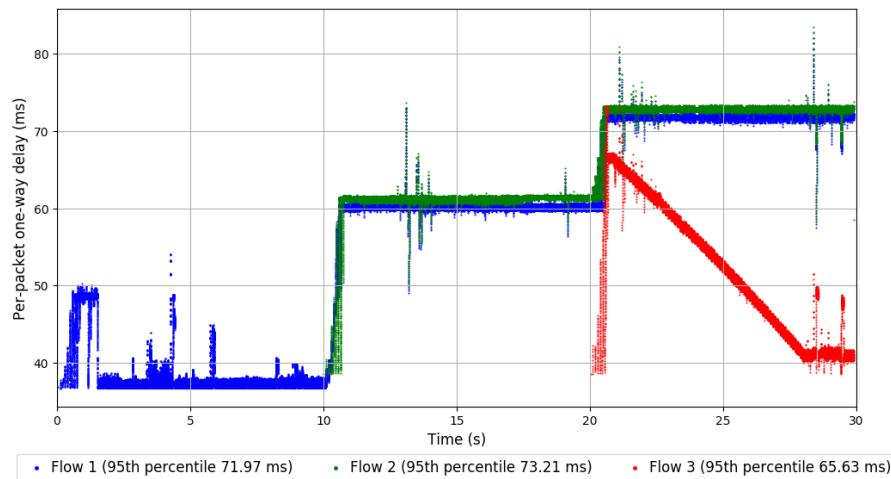
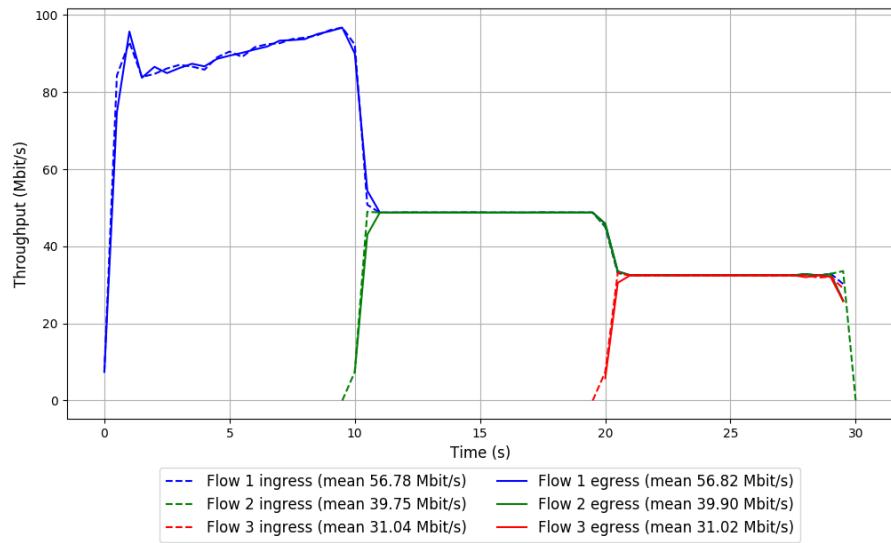


Run 2: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:16:01 +0000
End at: Sat, 29 Jul 2017 08:16:31 +0000
Local clock offset: 0.571 ms
Remote clock offset: -0.751 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:08:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 72.906 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 56.82 Mbit/s
95th percentile per-packet one-way delay: 71.969 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 39.90 Mbit/s
95th percentile per-packet one-way delay: 73.214 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 65.630 ms
Loss rate: 0.96%
```

Run 2: Report of TCP Vegas — Data Link

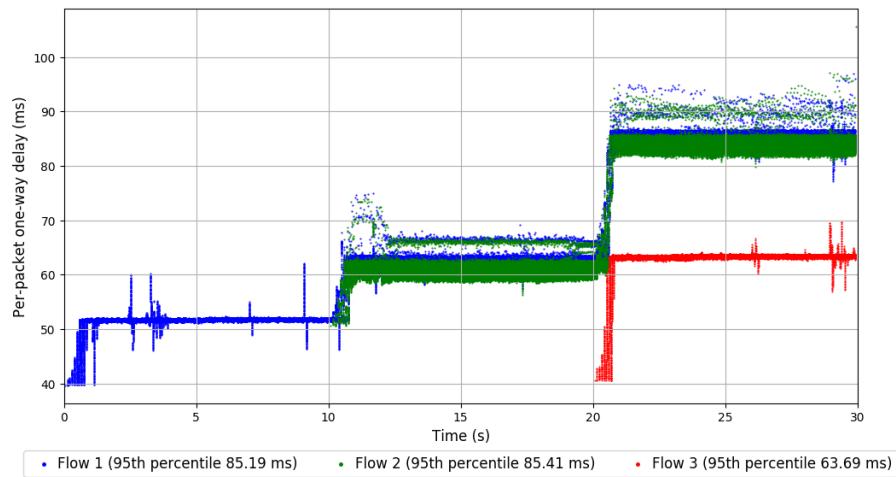
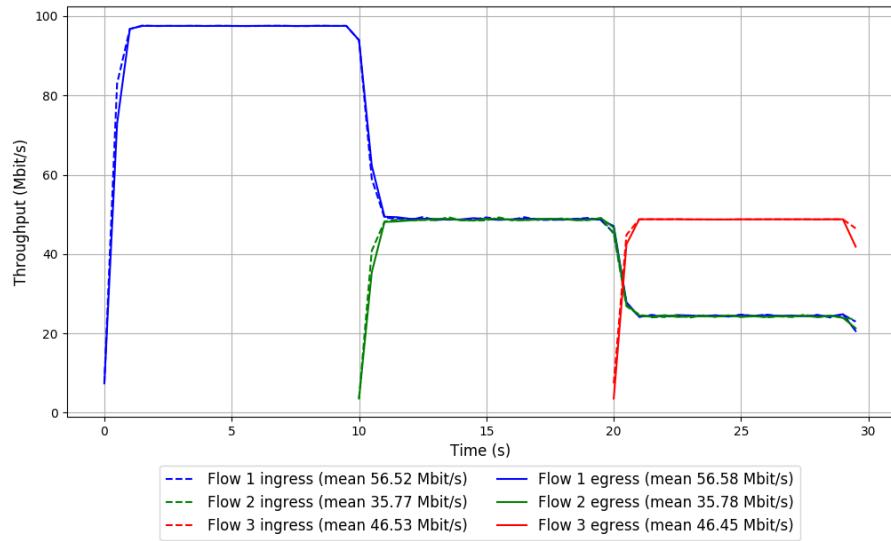


Run 3: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:37:03 +0000
End at: Sat, 29 Jul 2017 08:37:33 +0000
Local clock offset: 0.624 ms
Remote clock offset: -2.675 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 85.159 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 85.195 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 35.78 Mbit/s
95th percentile per-packet one-way delay: 85.413 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 46.45 Mbit/s
95th percentile per-packet one-way delay: 63.689 ms
Loss rate: 1.16%
```

Run 3: Report of TCP Vegas — Data Link

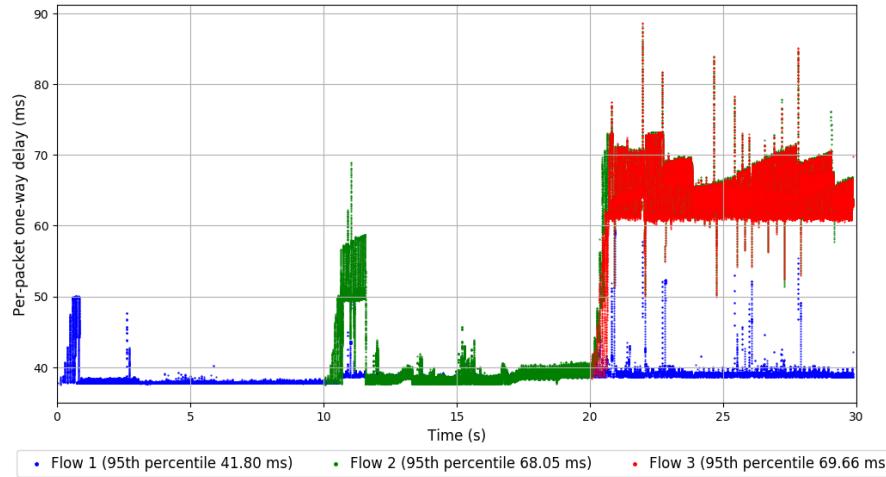
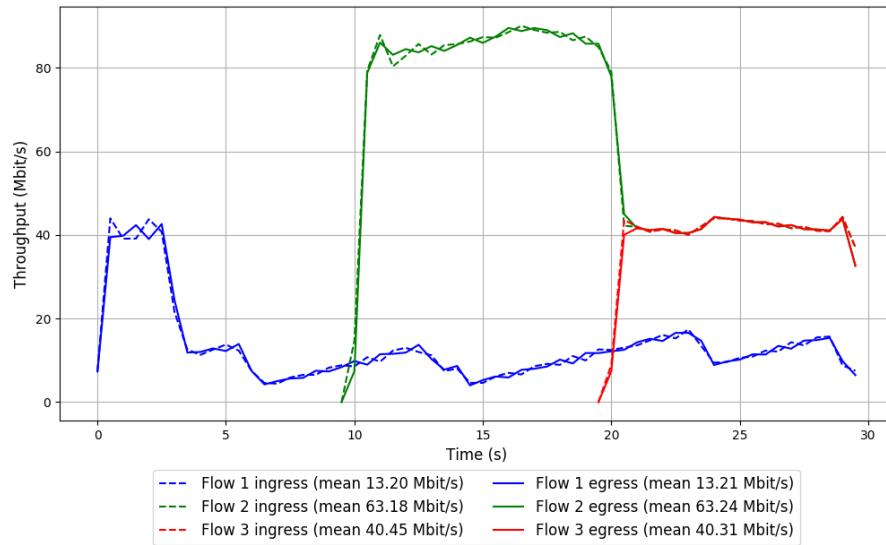


Run 4: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:58:06 +0000
End at: Sat, 29 Jul 2017 08:58:36 +0000
Local clock offset: 0.502 ms
Remote clock offset: -0.505 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 68.400 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 41.800 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 68.047 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 69.656 ms
Loss rate: 1.25%
```

Run 4: Report of TCP Vegas — Data Link

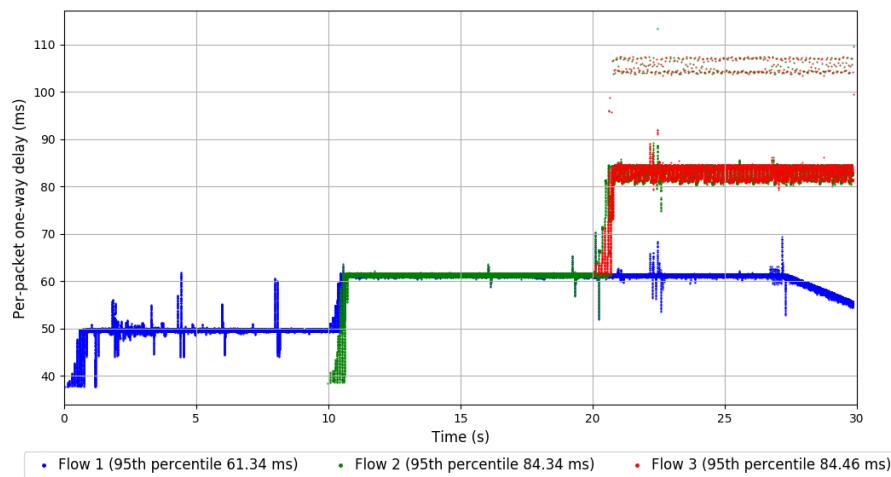
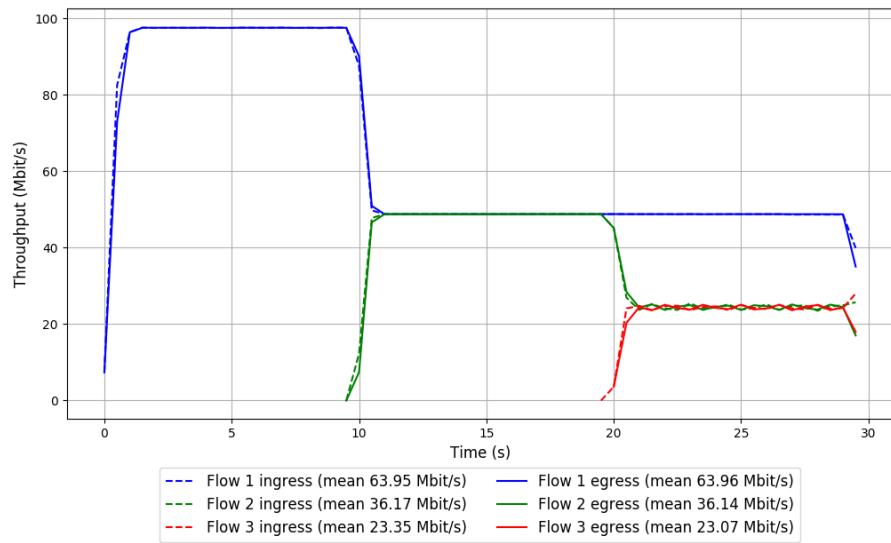


Run 5: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 09:19:04 +0000
End at: Sat, 29 Jul 2017 09:19:34 +0000
Local clock offset: 0.518 ms
Remote clock offset: -0.214 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 84.211 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 61.339 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 84.345 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 23.07 Mbit/s
95th percentile per-packet one-way delay: 84.461 ms
Loss rate: 3.00%
```

Run 5: Report of TCP Vegas — Data Link

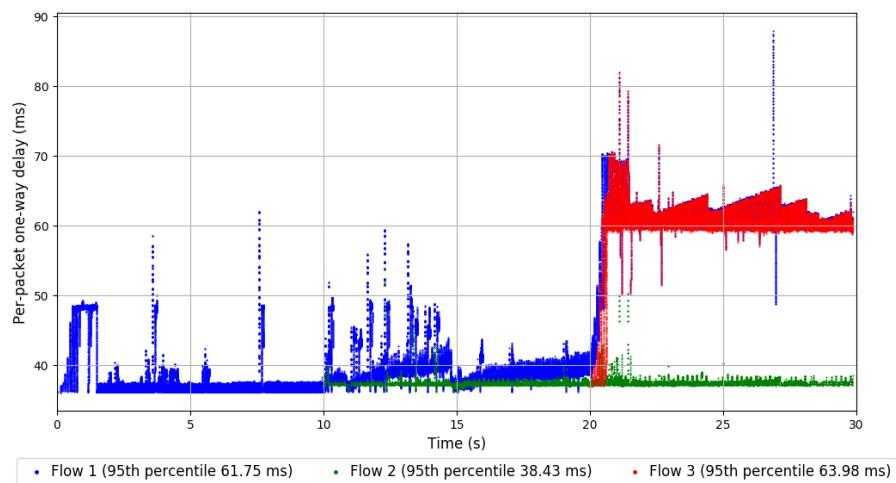
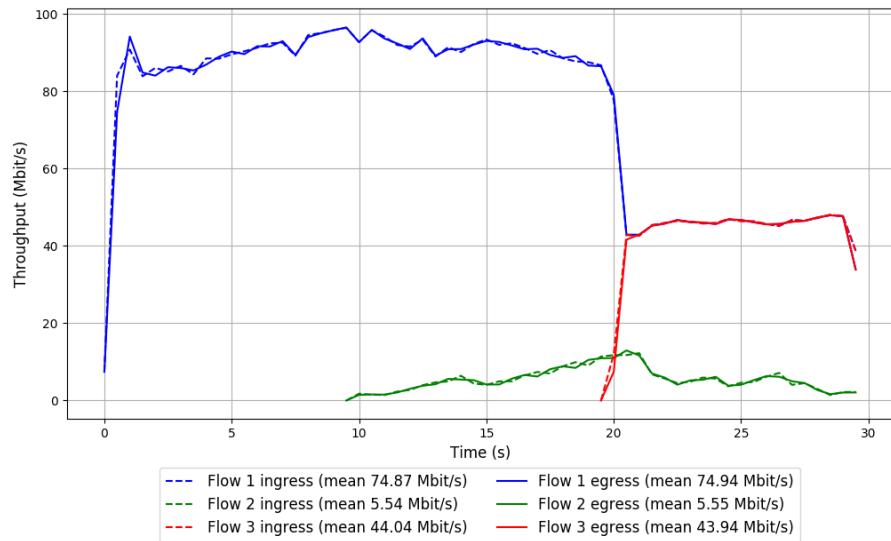


Run 6: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 09:40:04 +0000
End at: Sat, 29 Jul 2017 09:40:34 +0000
Local clock offset: 0.392 ms
Remote clock offset: 0.306 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 62.579 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 74.94 Mbit/s
95th percentile per-packet one-way delay: 61.748 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 5.55 Mbit/s
95th percentile per-packet one-way delay: 38.434 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 43.94 Mbit/s
95th percentile per-packet one-way delay: 63.980 ms
Loss rate: 1.20%
```

Run 6: Report of TCP Vegas — Data Link

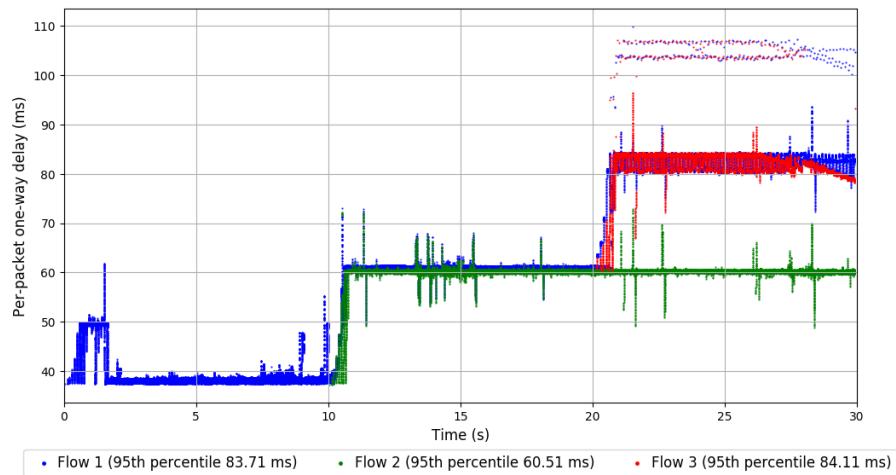
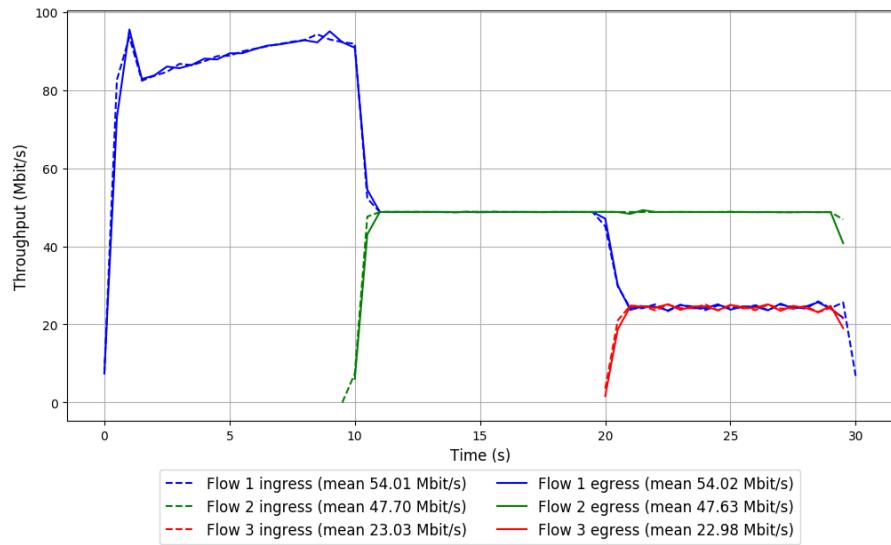


Run 7: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 10:01:06 +0000
End at: Sat, 29 Jul 2017 10:01:36 +0000
Local clock offset: 0.398 ms
Remote clock offset: -0.119 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 83.724 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 83.711 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 60.507 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 84.114 ms
Loss rate: 1.32%
```

Run 7: Report of TCP Vegas — Data Link

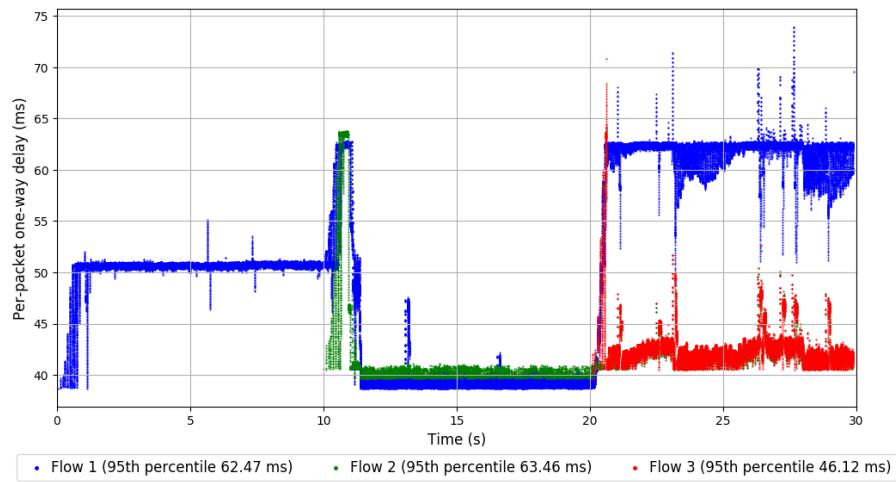
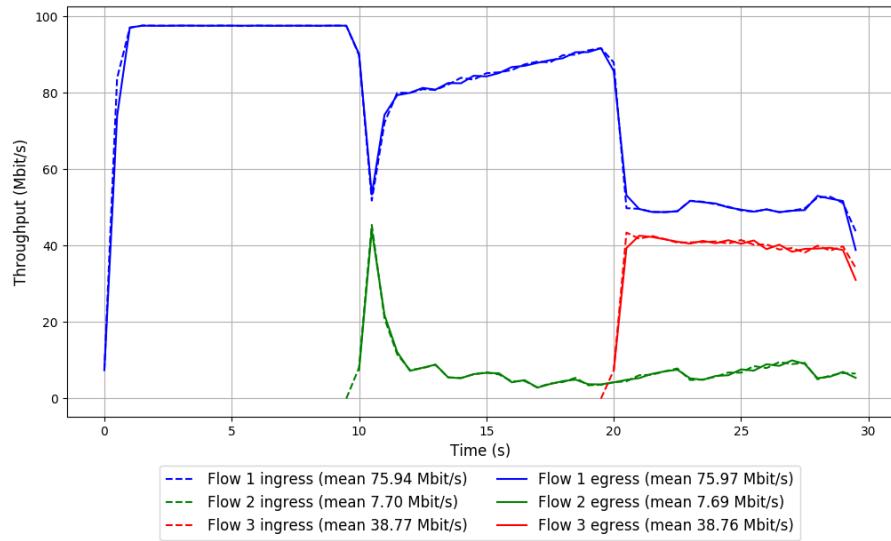


Run 8: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 10:22:19 +0000
End at: Sat, 29 Jul 2017 10:22:49 +0000
Local clock offset: 0.391 ms
Remote clock offset: -2.341 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 62.453 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 62.473 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 63.461 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 46.118 ms
Loss rate: 0.90%
```

Run 8: Report of TCP Vegas — Data Link

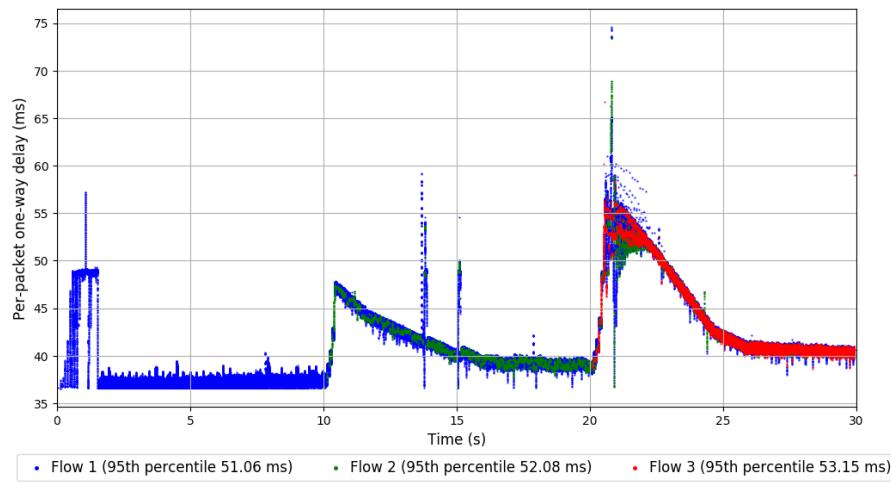
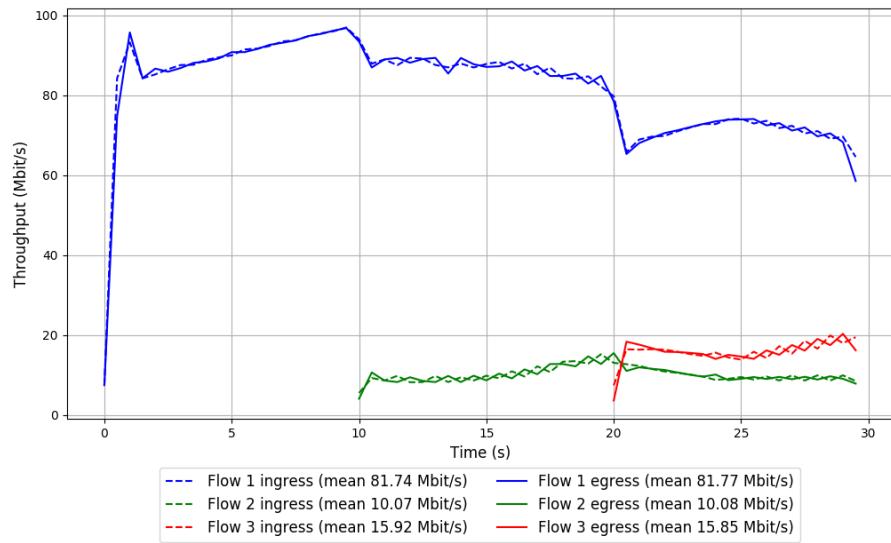


Run 9: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 10:43:22 +0000
End at: Sat, 29 Jul 2017 10:43:52 +0000
Local clock offset: 0.417 ms
Remote clock offset: -0.266 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 51.658 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 52.075 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 53.151 ms
Loss rate: 1.14%
```

Run 9: Report of TCP Vegas — Data Link

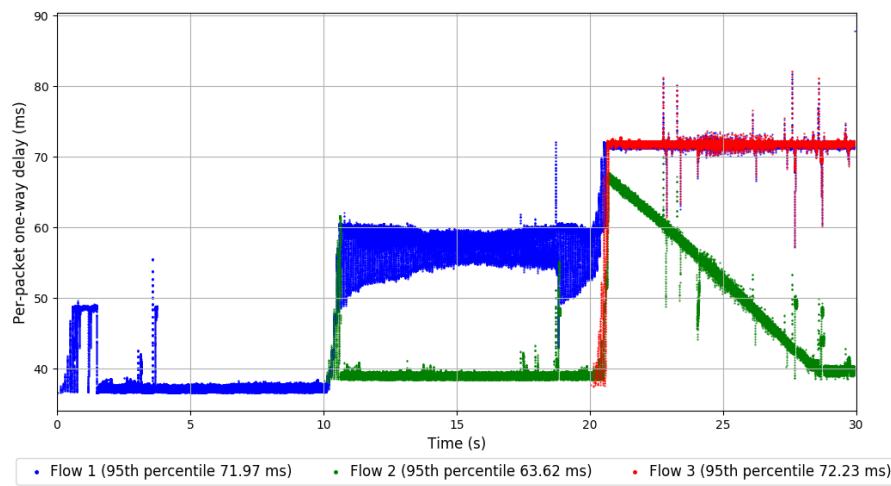
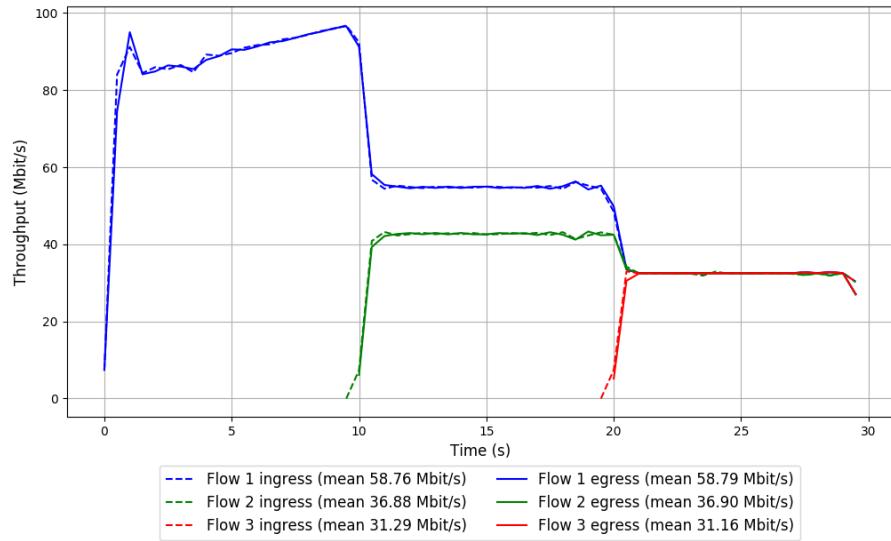


Run 10: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 11:04:37 +0000
End at: Sat, 29 Jul 2017 11:05:07 +0000
Local clock offset: 0.46 ms
Remote clock offset: -0.301 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 72.060 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 71.970 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 63.625 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 72.228 ms
Loss rate: 1.26%
```

Run 10: Report of TCP Vegas — Data Link

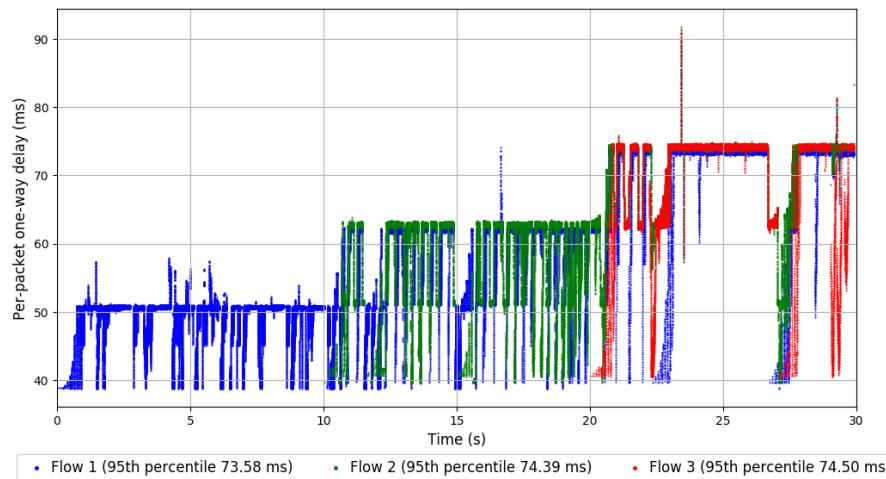
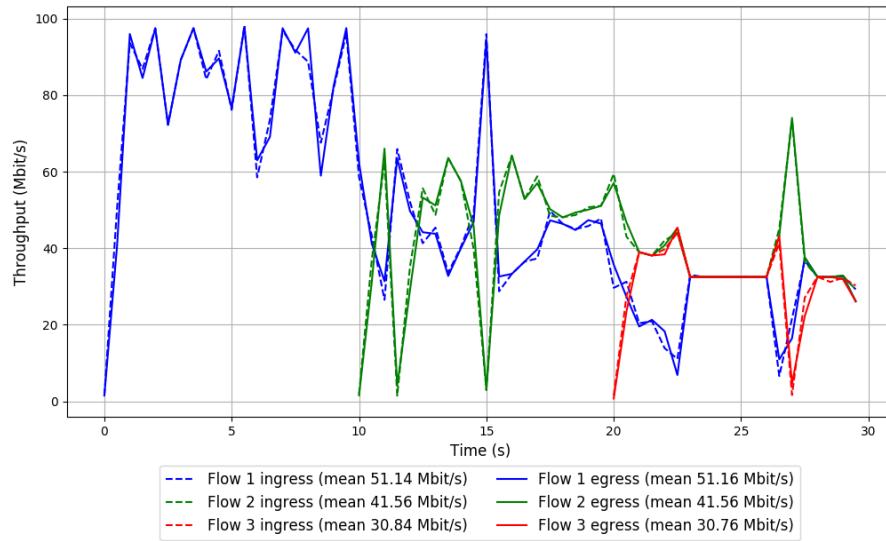


Run 1: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 07:49:20 +0000
End at: Sat, 29 Jul 2017 07:49:50 +0000
Local clock offset: 0.709 ms
Remote clock offset: -2.172 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:09:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 74.335 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 73.581 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 74.389 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 30.76 Mbit/s
95th percentile per-packet one-way delay: 74.496 ms
Loss rate: 1.29%
```

Run 1: Report of Verus — Data Link

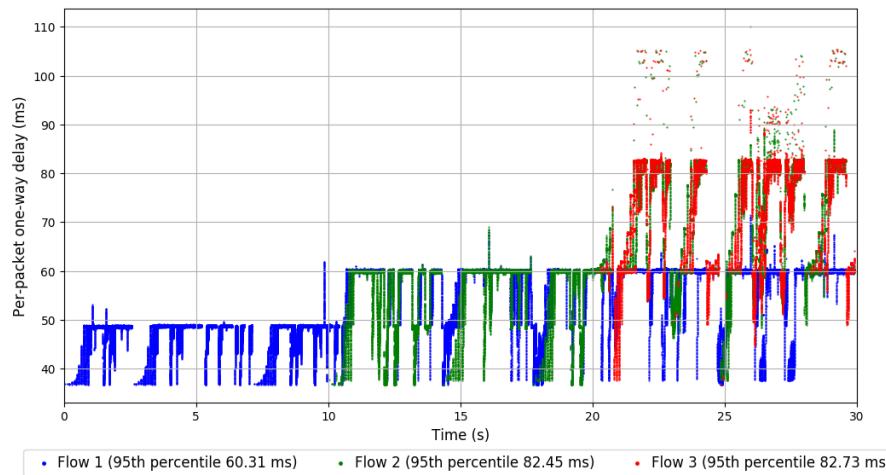
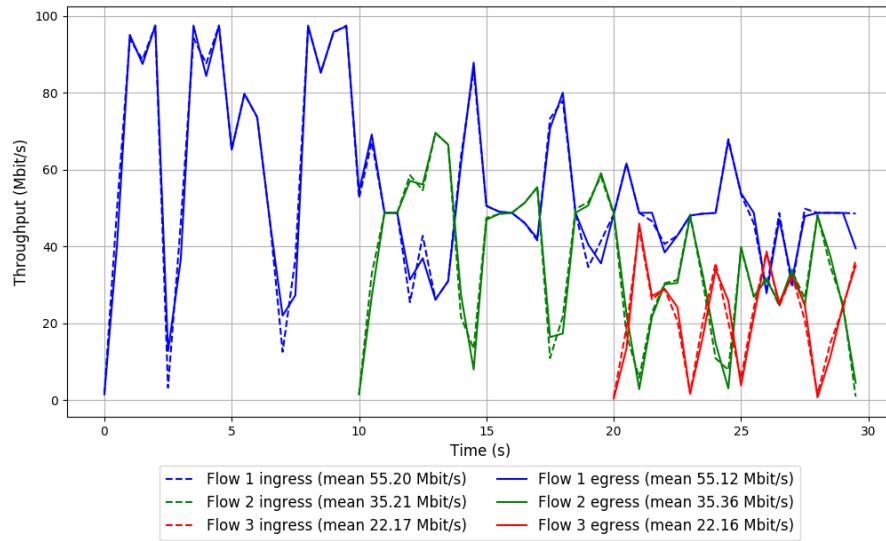


Run 2: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:10:22 +0000
End at: Sat, 29 Jul 2017 08:10:52 +0000
Local clock offset: 0.679 ms
Remote clock offset: -0.581 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 80.604 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 60.307 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 82.455 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 82.733 ms
Loss rate: 1.15%
```

## Run 2: Report of Verus — Data Link

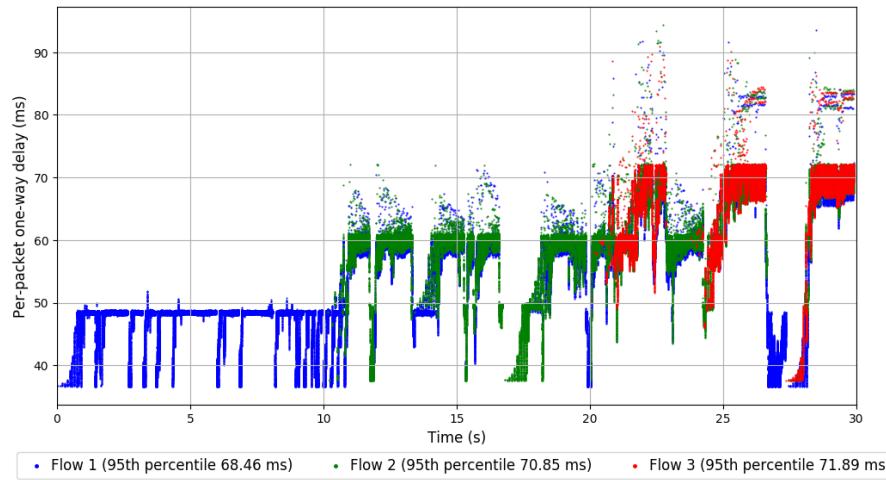
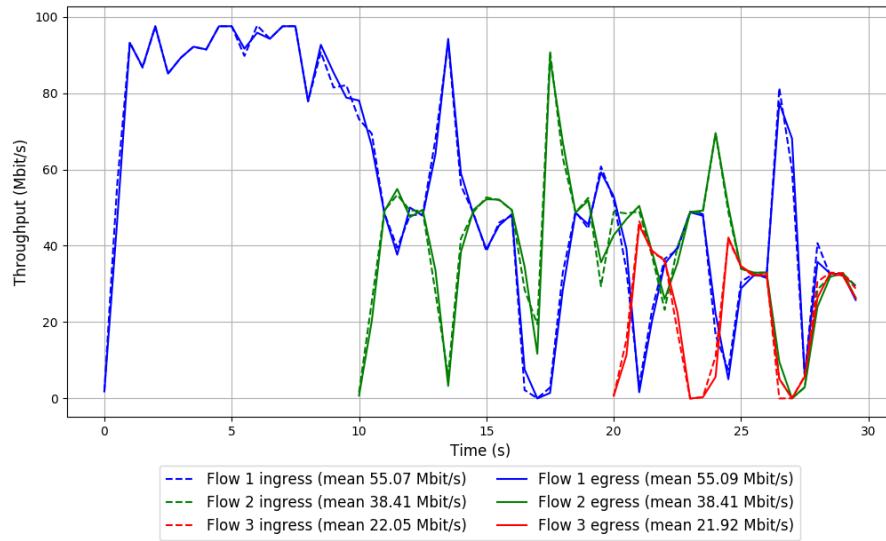


Run 3: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:31:26 +0000
End at: Sat, 29 Jul 2017 08:31:56 +0000
Local clock offset: 0.544 ms
Remote clock offset: -0.595 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.84 Mbit/s
95th percentile per-packet one-way delay: 70.564 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 68.458 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 70.847 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 71.893 ms
Loss rate: 1.76%
```

Run 3: Report of Verus — Data Link

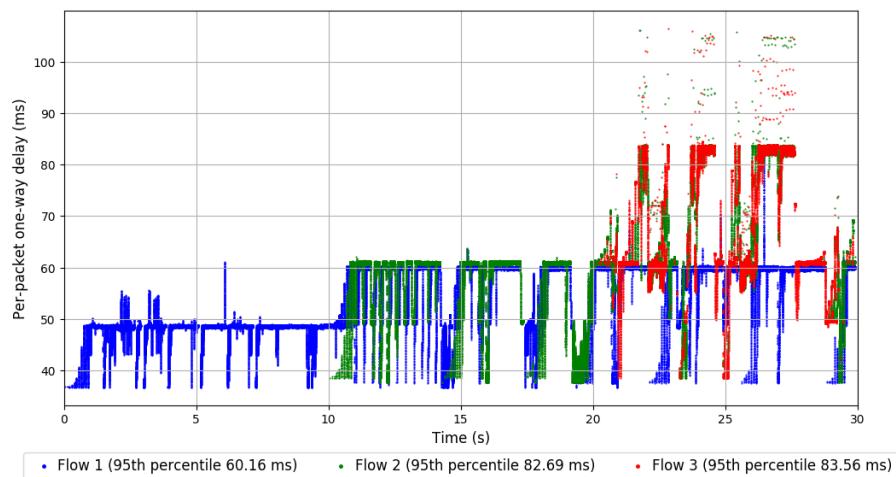
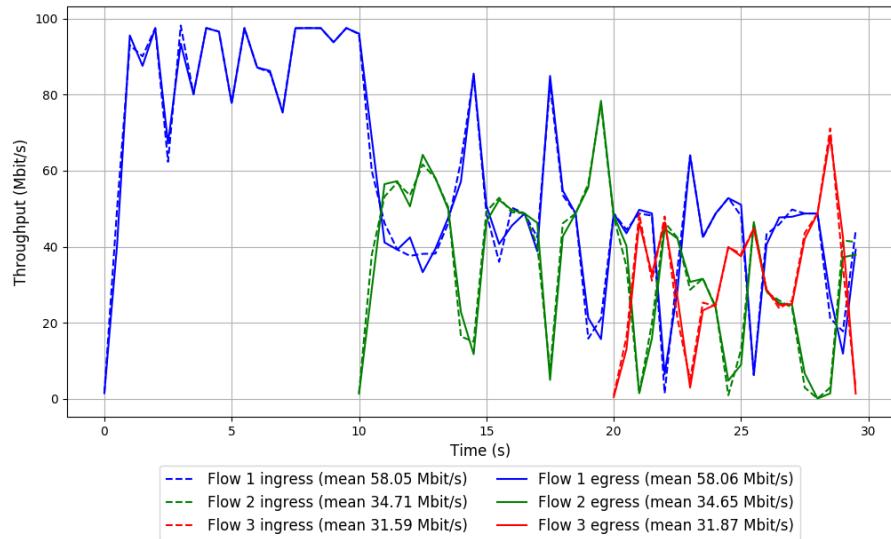


Run 4: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:52:25 +0000
End at: Sat, 29 Jul 2017 08:52:55 +0000
Local clock offset: 0.481 ms
Remote clock offset: -0.619 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 74.319 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 60.155 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 34.65 Mbit/s
95th percentile per-packet one-way delay: 82.686 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 83.556 ms
Loss rate: 0.25%
```

## Run 4: Report of Verus — Data Link

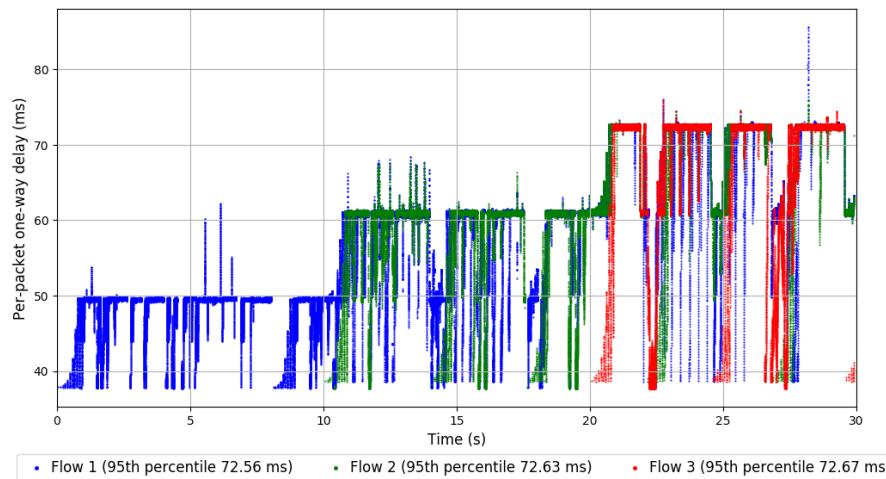
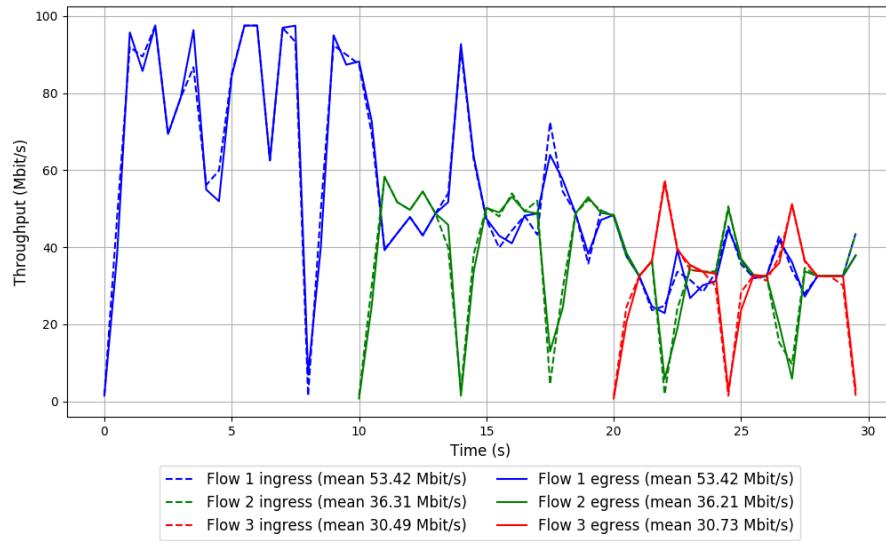


Run 5: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:13:25 +0000
End at: Sat, 29 Jul 2017 09:13:55 +0000
Local clock offset: 0.522 ms
Remote clock offset: -0.329 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 72.626 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 72.563 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 72.632 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 30.73 Mbit/s
95th percentile per-packet one-way delay: 72.672 ms
Loss rate: 0.13%
```

Run 5: Report of Verus — Data Link

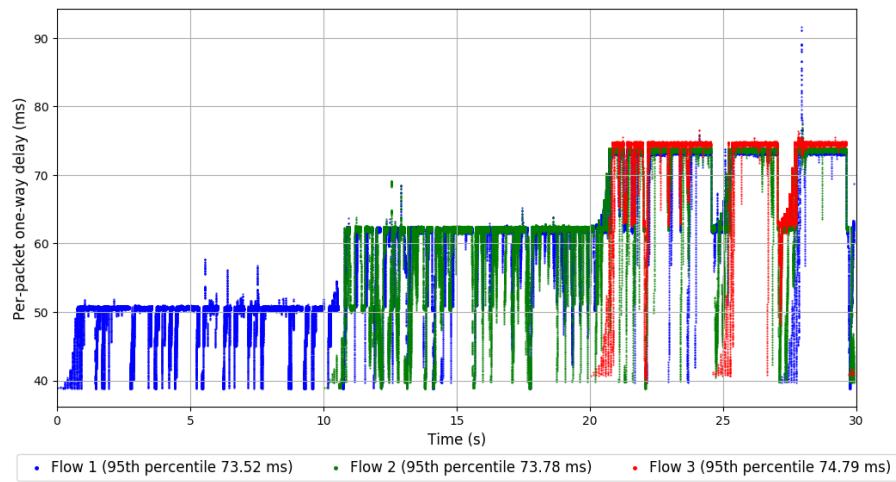
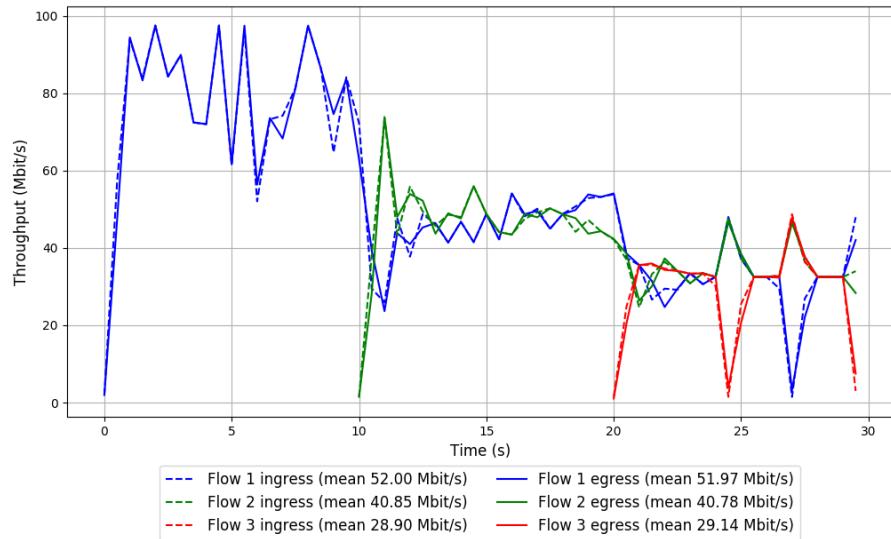


Run 6: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:34:25 +0000
End at: Sat, 29 Jul 2017 09:34:55 +0000
Local clock offset: 0.532 ms
Remote clock offset: -2.204 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 74.520 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 73.519 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 40.78 Mbit/s
95th percentile per-packet one-way delay: 73.781 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 29.14 Mbit/s
95th percentile per-packet one-way delay: 74.787 ms
Loss rate: 0.07%
```

Run 6: Report of Verus — Data Link

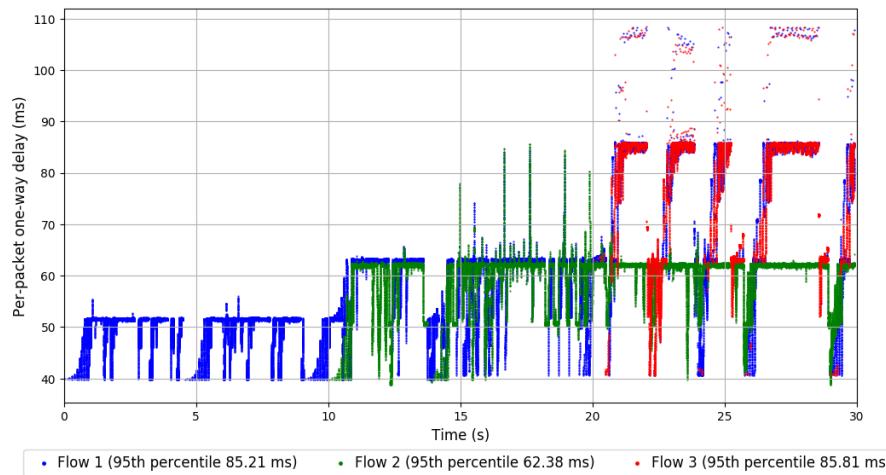
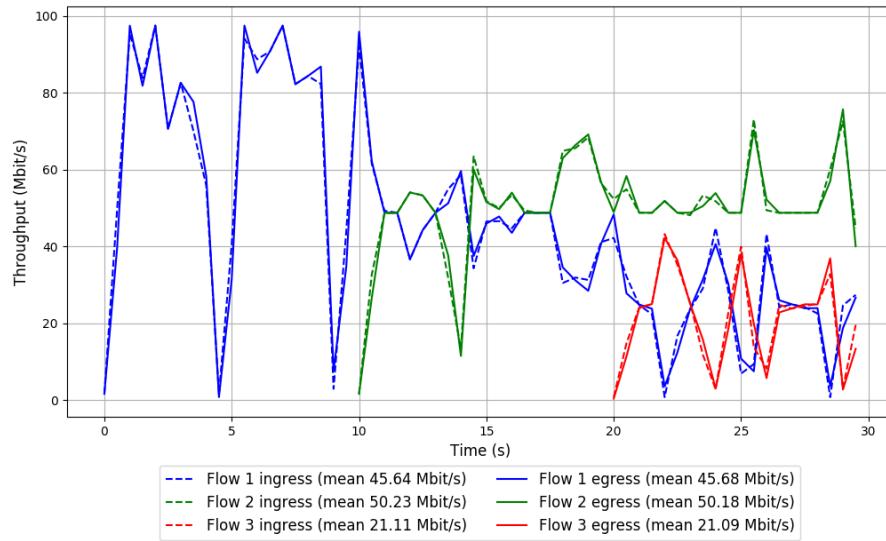


Run 7: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:55:27 +0000
End at: Sat, 29 Jul 2017 09:55:57 +0000
Local clock offset: 0.406 ms
Remote clock offset: -2.303 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 45.68 Mbit/s
95th percentile per-packet one-way delay: 85.206 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 62.381 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 21.09 Mbit/s
95th percentile per-packet one-way delay: 85.806 ms
Loss rate: 1.55%
```

Run 7: Report of Verus — Data Link

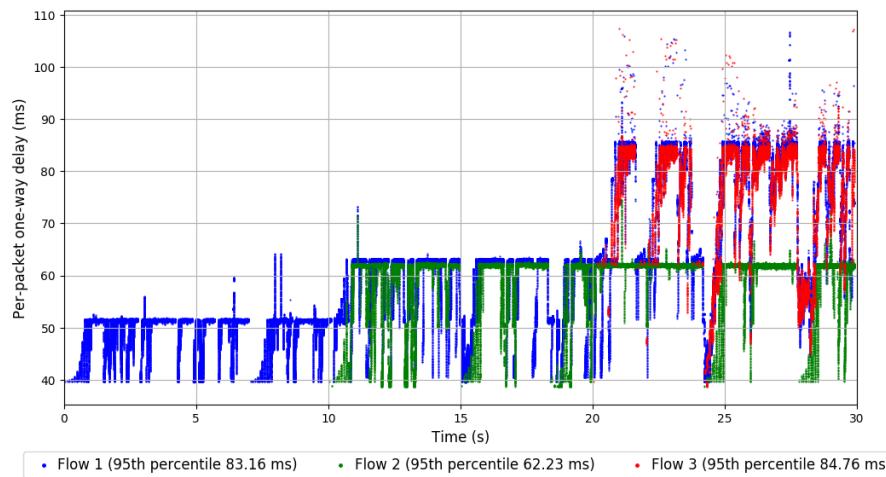
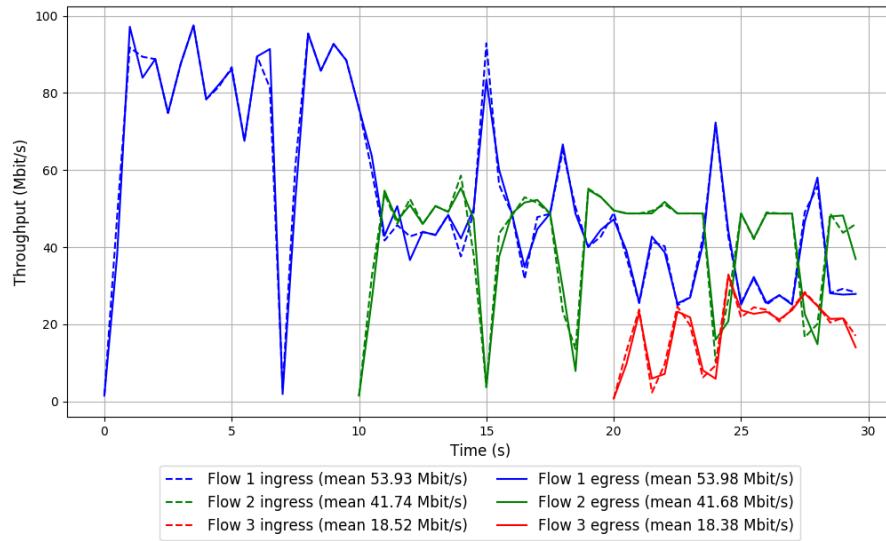


Run 8: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 10:16:31 +0000
End at: Sat, 29 Jul 2017 10:17:01 +0000
Local clock offset: 0.396 ms
Remote clock offset: -2.24 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 83.358 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 83.158 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 62.230 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 84.762 ms
Loss rate: 1.95%
```

Run 8: Report of Verus — Data Link

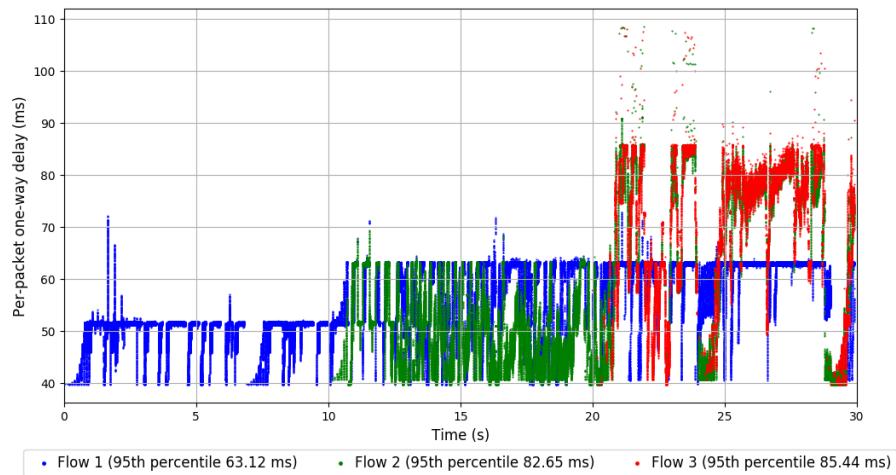
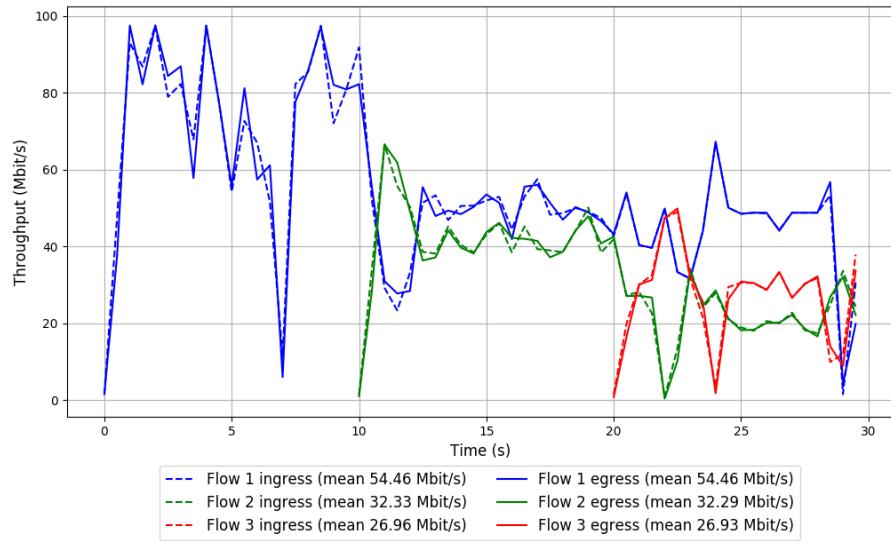


Run 9: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 10:37:43 +0000
End at: Sat, 29 Jul 2017 10:38:13 +0000
Local clock offset: 0.389 ms
Remote clock offset: -2.364 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 79.806 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 63.123 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 82.648 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 85.444 ms
Loss rate: 1.35%
```

Run 9: Report of Verus — Data Link

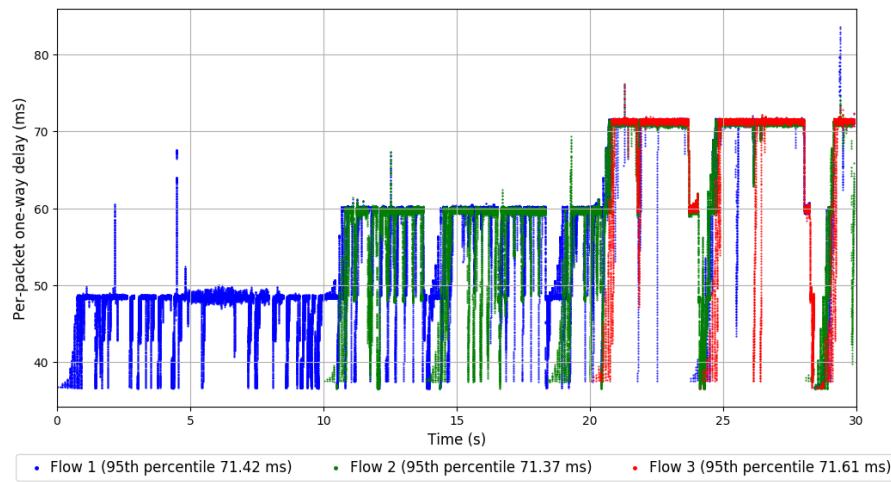
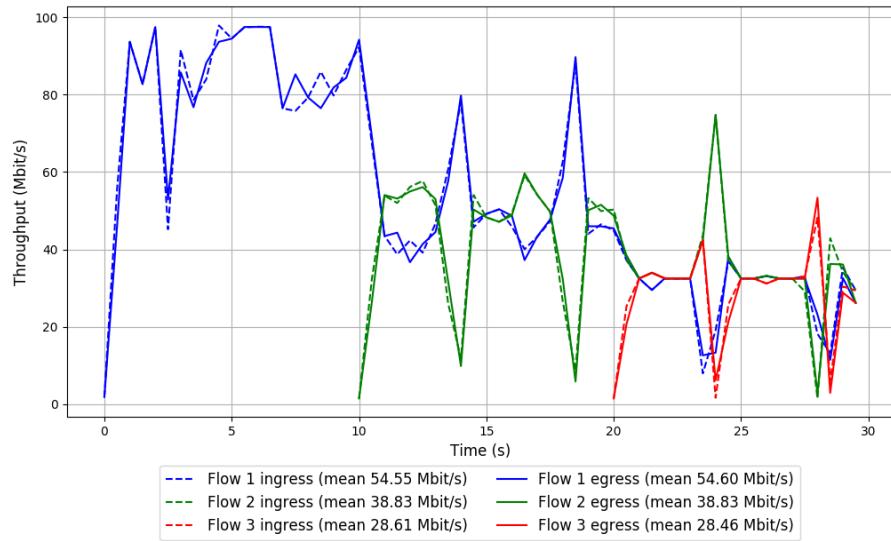


Run 10: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 10:58:55 +0000
End at: Sat, 29 Jul 2017 10:59:25 +0000
Local clock offset: 0.458 ms
Remote clock offset: -0.213 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 71.481 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 54.60 Mbit/s
95th percentile per-packet one-way delay: 71.423 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 71.371 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 71.607 ms
Loss rate: 1.38%
```

Run 10: Report of Verus — Data Link

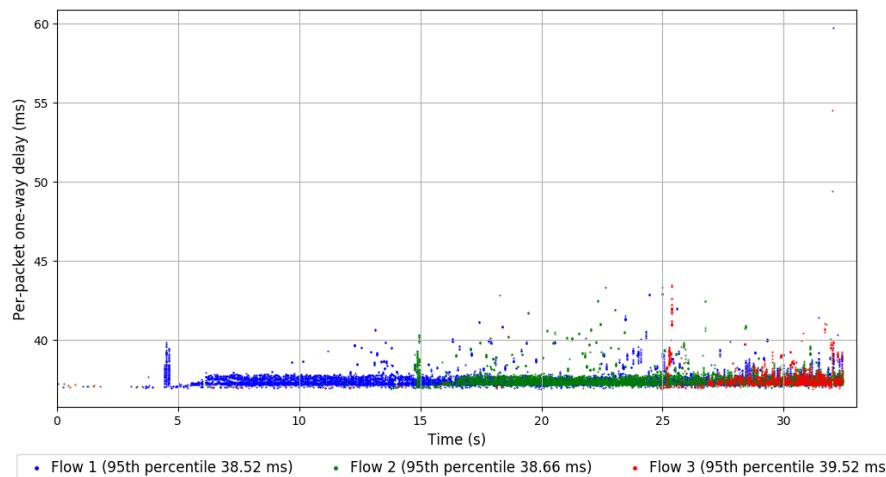
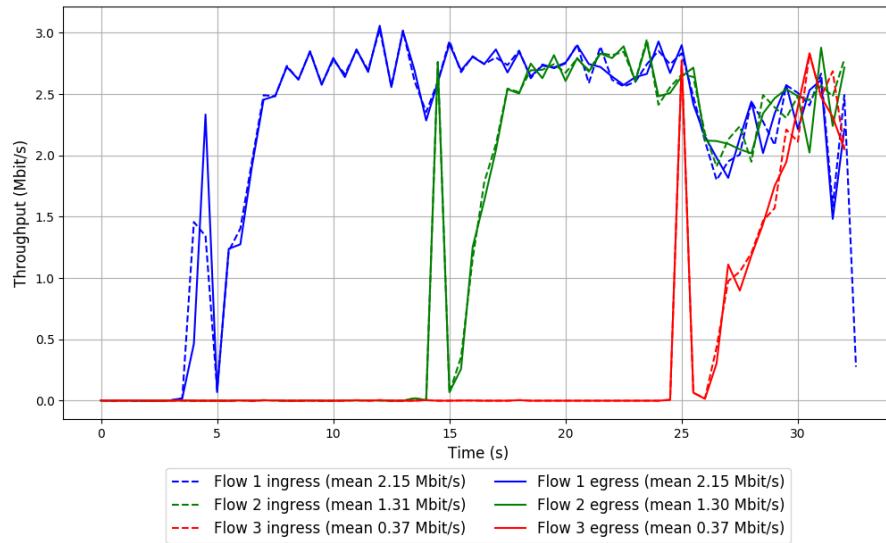


```
Run 1: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 07:50:48 +0000
End at: Sat, 29 Jul 2017 07:51:18 +0000
Local clock offset: 0.63 ms
Remote clock offset: 0.141 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 38.683 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 38.519 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 38.663 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 39.525 ms
Loss rate: 1.57%
```

### Run 1: Report of WebRTC media — Data Link

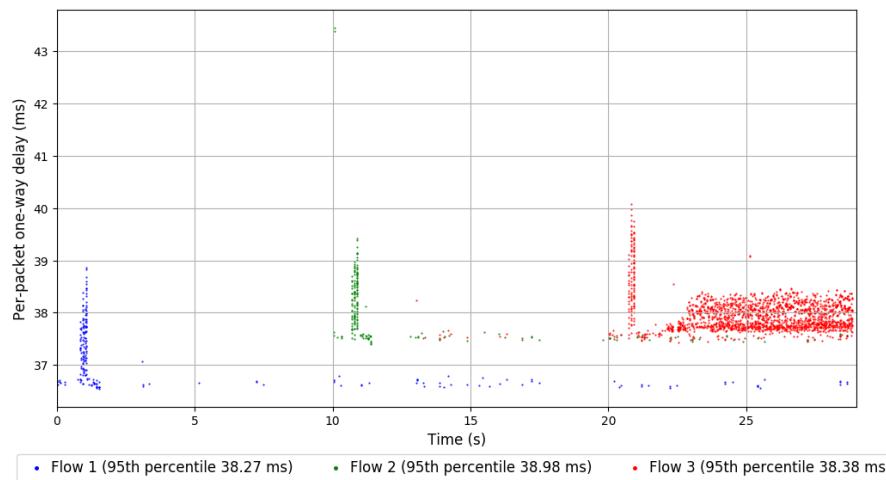
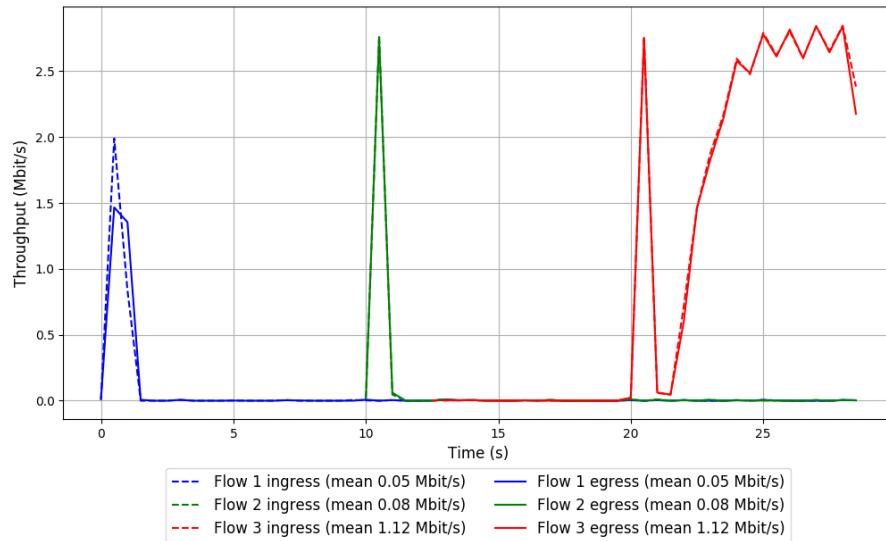


```
Run 2: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 08:11:48 +0000
End at: Sat, 29 Jul 2017 08:12:18 +0000
Local clock offset: 0.585 ms
Remote clock offset: -0.714 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 38.541 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.265 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 38.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 38.383 ms
Loss rate: 1.21%
```

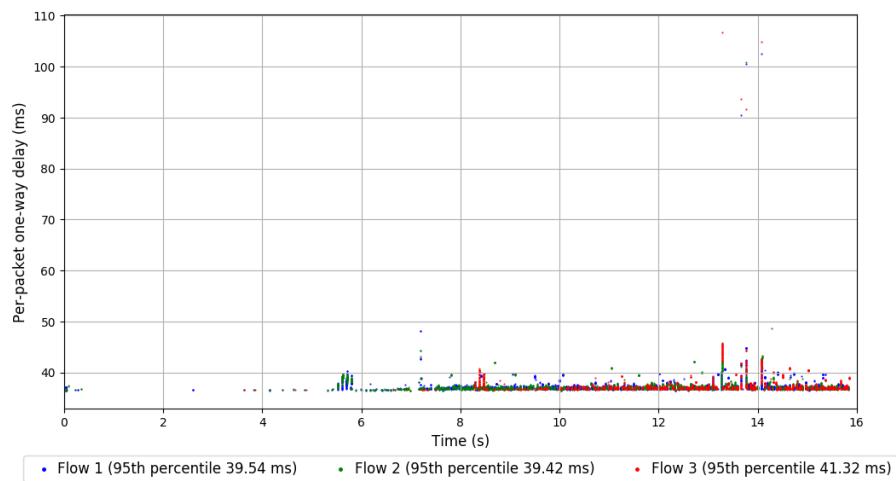
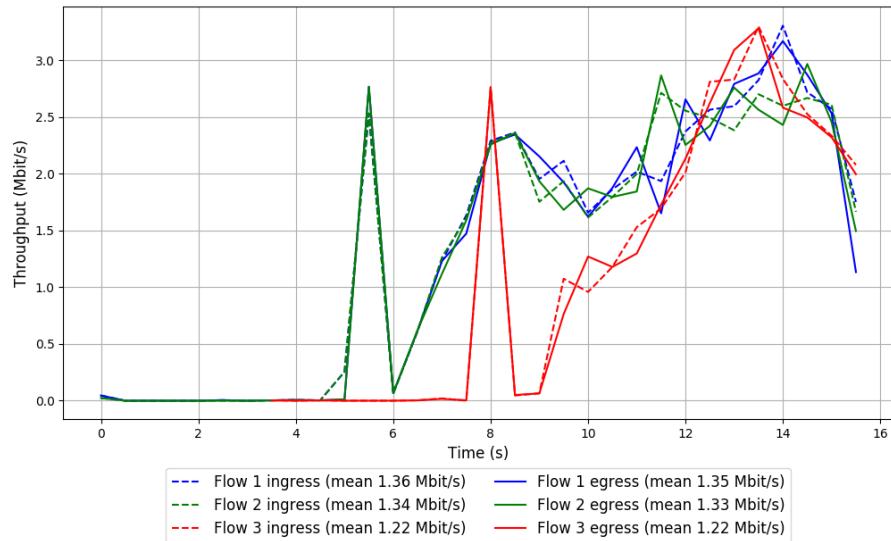
Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 08:32:52 +0000  
End at: Sat, 29 Jul 2017 08:33:22 +0000  
Local clock offset: 0.601 ms  
Remote clock offset: -0.632 ms

Run 3: Report of WebRTC media — Data Link

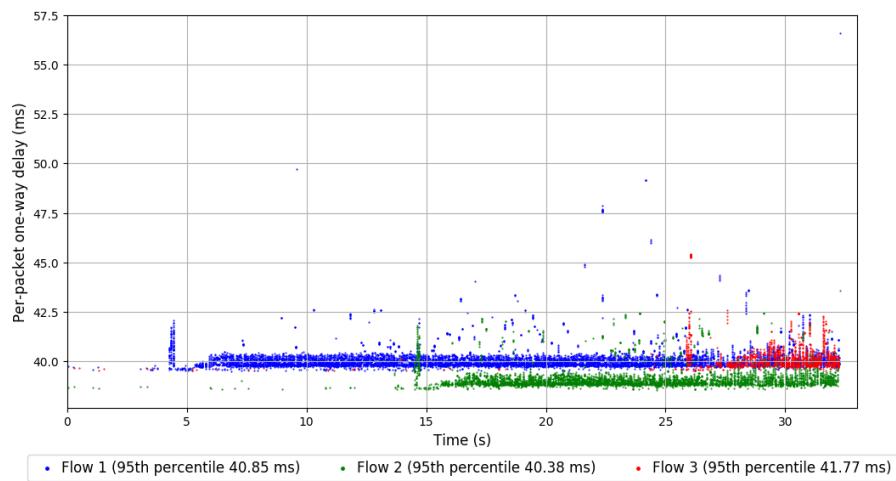
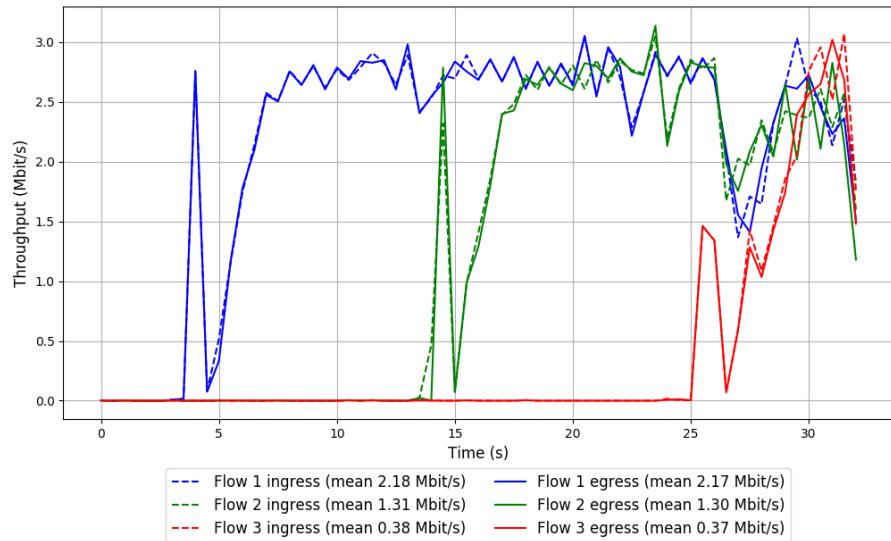


Run 4: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 08:53:52 +0000
End at: Sat, 29 Jul 2017 08:54:22 +0000
Local clock offset: 0.582 ms
Remote clock offset: -2.532 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 40.900 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 40.850 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 40.382 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 41.775 ms
Loss rate: 2.73%
```

Run 4: Report of WebRTC media — Data Link

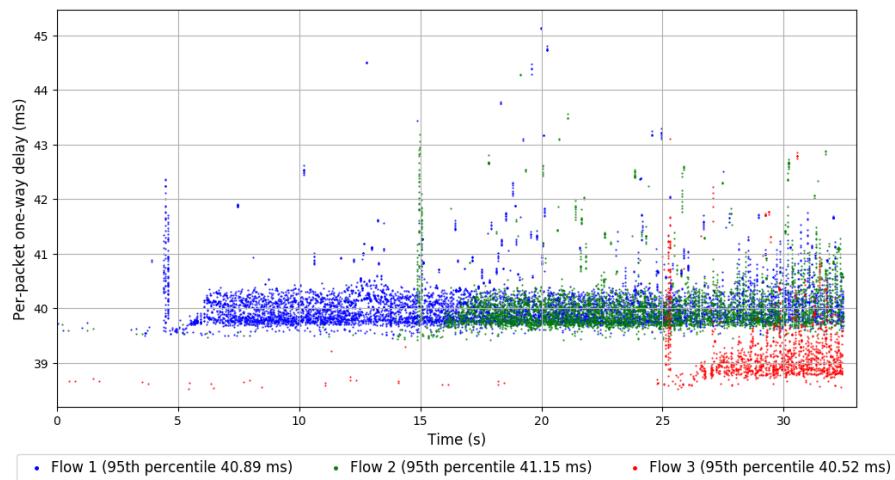
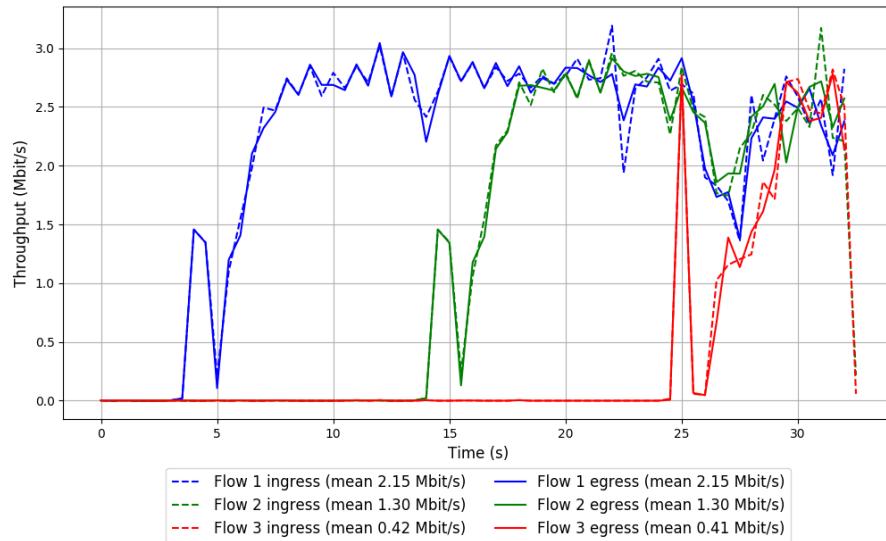


```
Run 5: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 09:14:51 +0000
End at: Sat, 29 Jul 2017 09:15:21 +0000
Local clock offset: 0.534 ms
Remote clock offset: -2.289 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 40.935 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 40.892 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 41.152 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 40.517 ms
Loss rate: 2.64%
```

### Run 5: Report of WebRTC media — Data Link

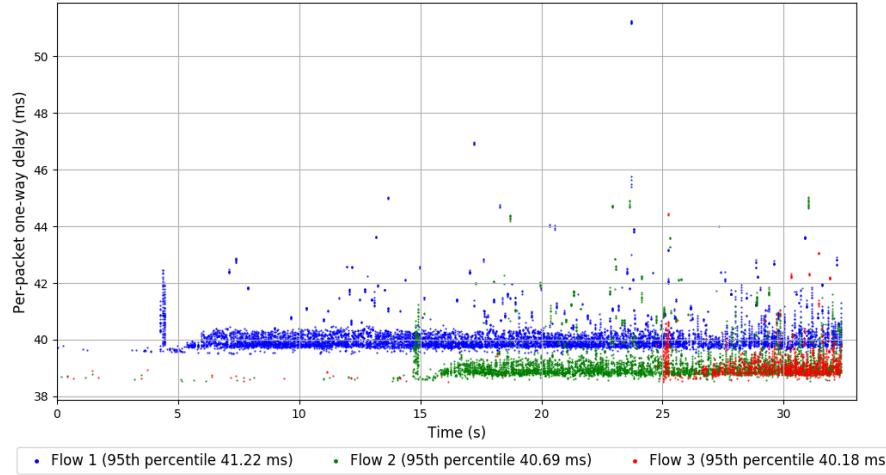
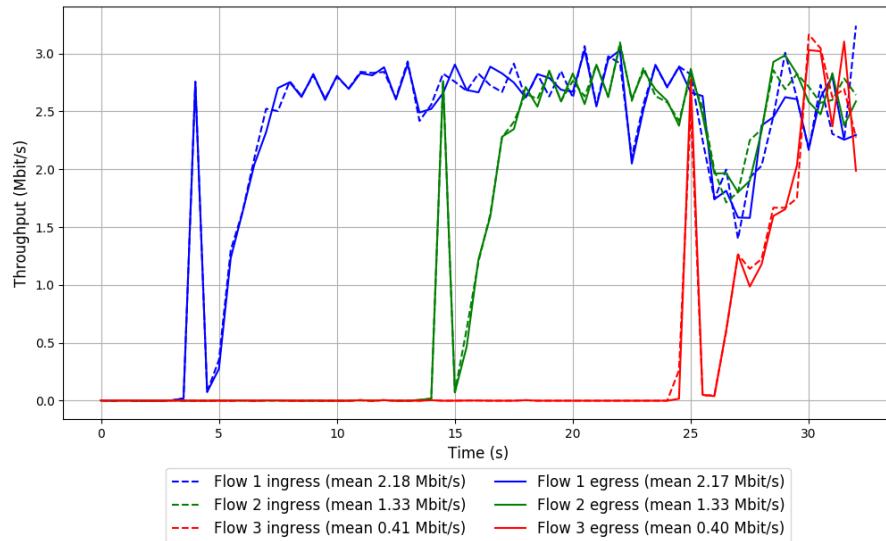


Run 6: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 09:35:52 +0000
End at: Sat, 29 Jul 2017 09:36:22 +0000
Local clock offset: 0.46 ms
Remote clock offset: -2.188 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 41.003 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 41.216 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 40.685 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 40.181 ms
Loss rate: 1.11%
```

Run 6: Report of WebRTC media — Data Link

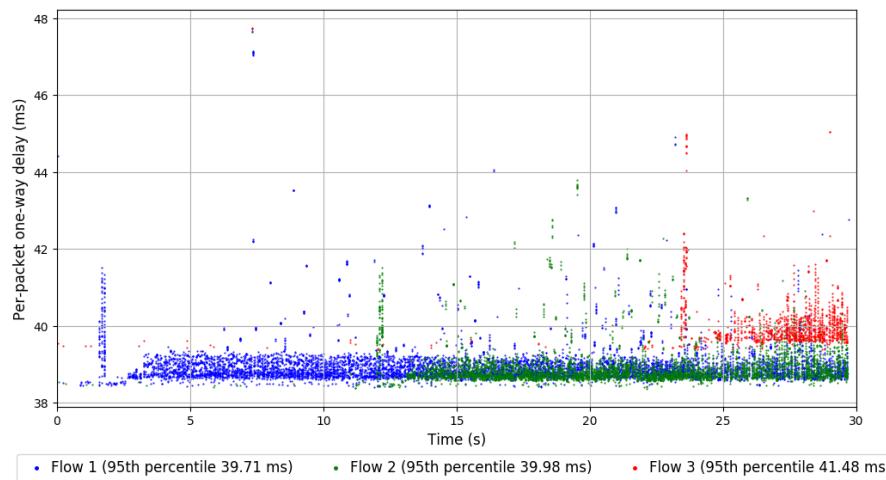
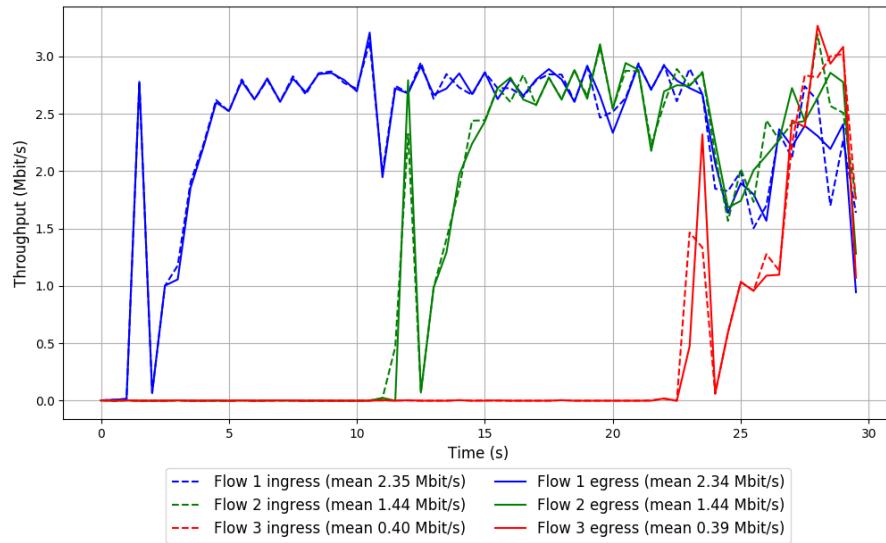


Run 7: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 09:56:53 +0000
End at: Sat, 29 Jul 2017 09:57:23 +0000
Local clock offset: 0.381 ms
Remote clock offset: -2.181 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 40.251 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 39.706 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 39.983 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 41.482 ms
Loss rate: 2.88%
```

Run 7: Report of WebRTC media — Data Link

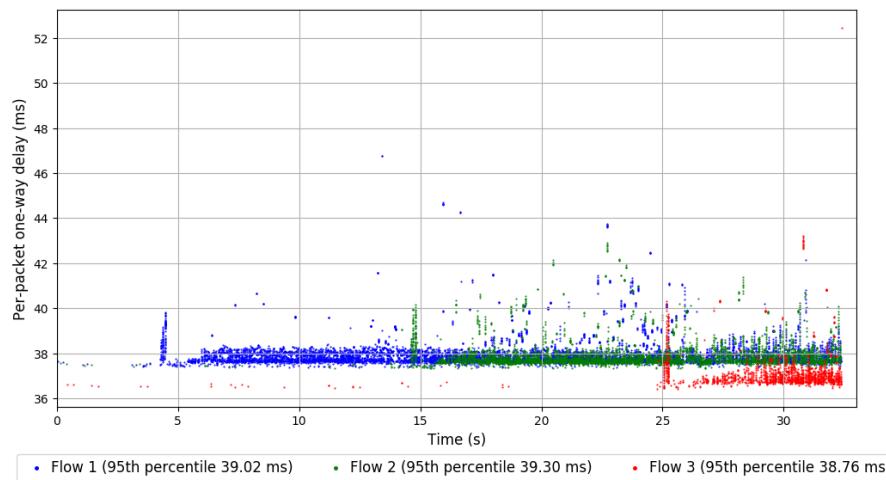
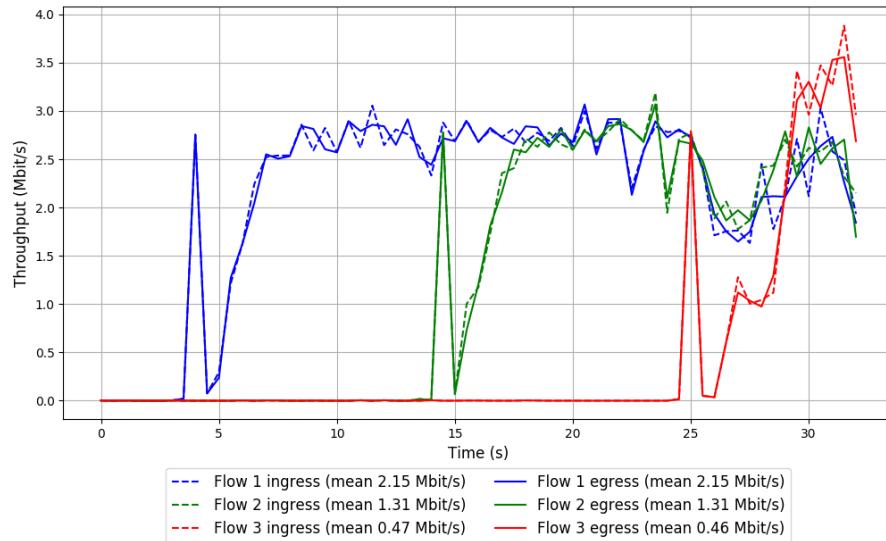


```
Run 8: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 10:17:59 +0000
End at: Sat, 29 Jul 2017 10:18:29 +0000
Local clock offset: 0.384 ms
Remote clock offset: -0.252 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 39.109 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 39.021 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 39.305 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 38.756 ms
Loss rate: 2.82%
```

Run 8: Report of WebRTC media — Data Link

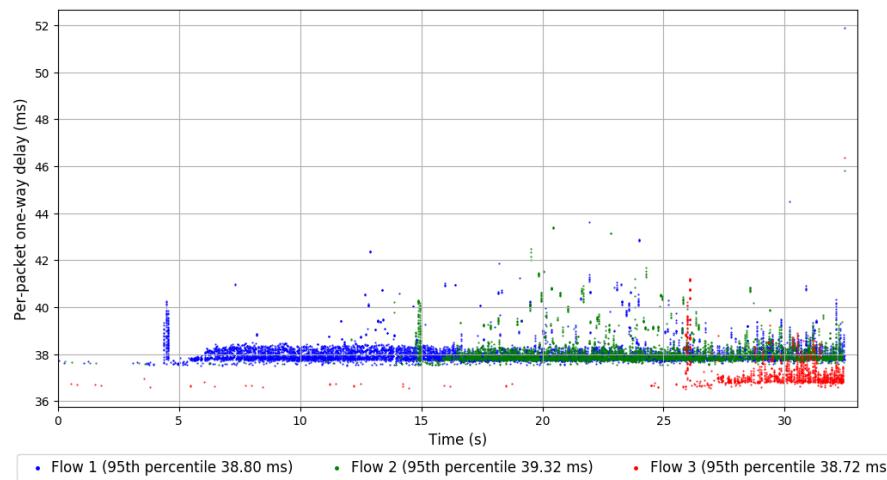
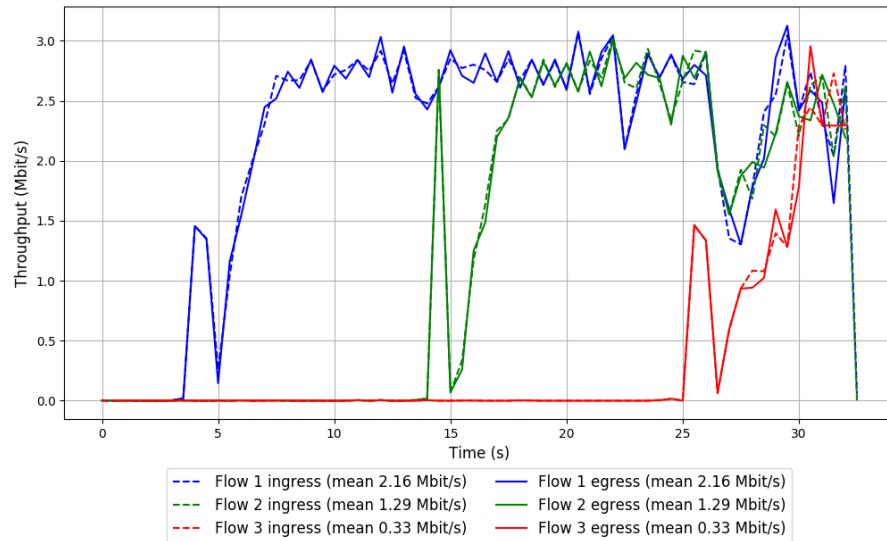


```
Run 9: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 10:39:10 +0000
End at: Sat, 29 Jul 2017 10:39:40 +0000
Local clock offset: 0.484 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 39.020 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 38.805 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 39.320 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 38.724 ms
Loss rate: 1.89%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 11:00:23 +0000
End at: Sat, 29 Jul 2017 11:00:53 +0000
Local clock offset: 0.546 ms
Remote clock offset: -2.343 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 12:10:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 40.979 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 40.053 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 41.684 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 41.726 ms
Loss rate: 1.91%
```

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

