

Pantheon Summary (Generated at Sat, 29 Jul 2017 11:43:11 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

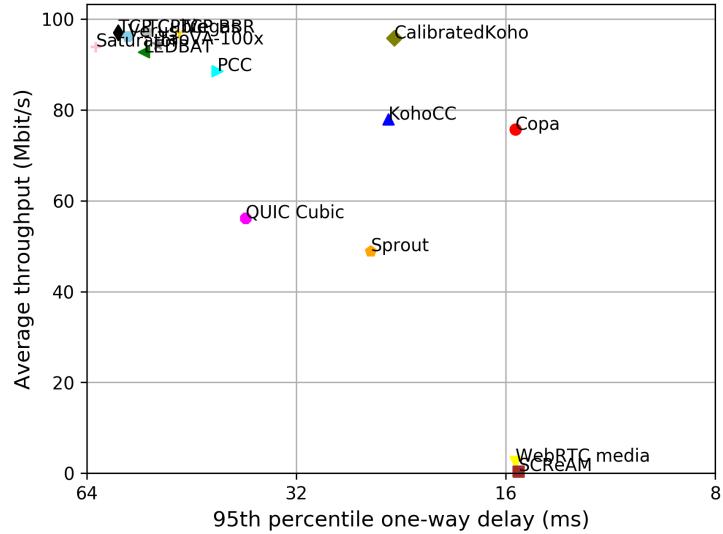
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).

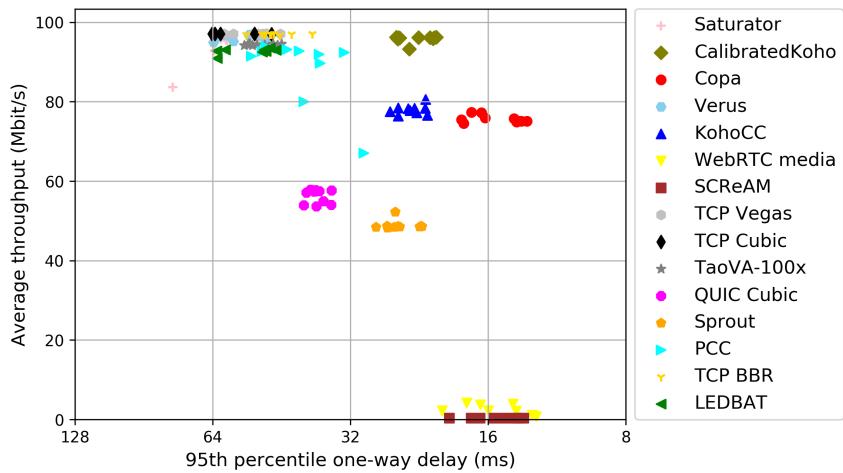
NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

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



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



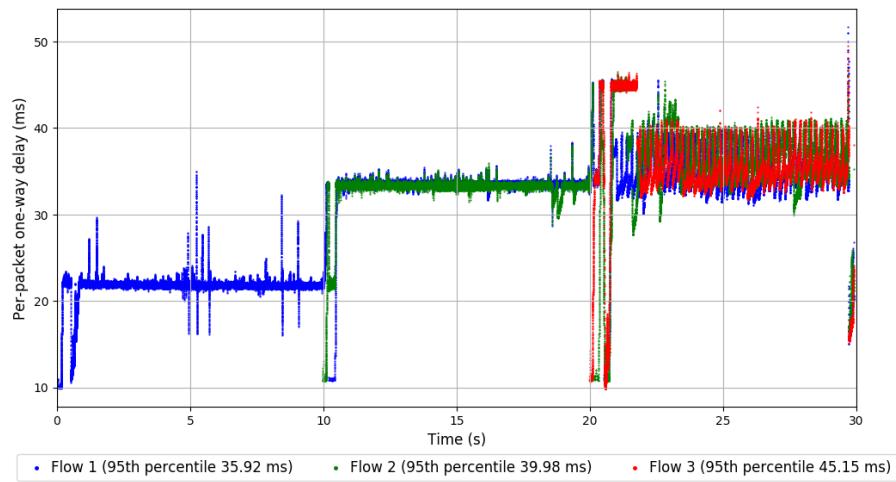
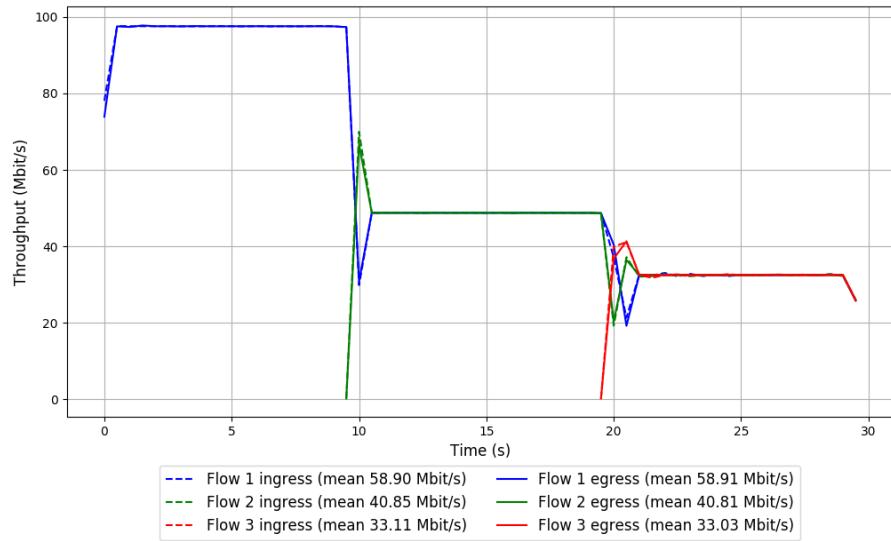
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	59.34	40.73	31.71	43.29	46.72	53.65	0.10	0.20	0.52
CalibratedKoho	10	50.84	47.61	39.77	22.70	23.58	23.31	0.03	0.10	0.31
Copa	10	40.40	36.60	32.67	15.40	15.55	15.77	0.06	0.11	0.25
TCP Cubic	10	59.49	40.49	32.01	53.14	53.23	53.40	0.21	0.46	1.31
KohoCC	10	40.46	39.69	33.29	22.95	22.60	23.62	0.07	0.12	0.28
LEDBAT	10	56.23	37.36	34.90	52.92	53.11	45.78	0.17	0.32	0.62
PCC	10	59.78	36.67	25.24	399.33	41.37	36.54	0.06	0.19	0.36
QUIC Cubic	10	0.24	61.08	47.39	15.56	37.55	38.22	0.00	0.20	0.40
Saturator	10	55.99	41.46	31.01	56.48	53.76	54.81	0.13	0.28	0.79
SCReAM	10	0.21	0.21	0.22	15.35	15.33	15.36	0.05	0.14	0.07
Sprout	10	24.41	24.31	24.01	24.50	25.10	25.44	0.11	0.16	0.26
TaoVA-100x	10	57.46	39.69	31.71	47.01	47.69	47.98	0.10	0.20	0.55
TCP Vegas	10	60.41	42.15	30.54	51.36	44.19	47.00	0.10	0.14	0.57
Verus	10	57.84	40.64	34.58	53.32	53.83	49.57	0.11	0.21	0.63
WebRTC media	10	0.80	1.39	0.71	16.06	15.43	15.83	0.02	0.10	0.34

Run 1: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 07:48:05 +0000
End at: Sat, 29 Jul 2017 07:48:35 +0000
Local clock offset: 0.691 ms
Remote clock offset: -2.645 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:29:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 38.773 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 35.921 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 39.980 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 45.145 ms
Loss rate: 0.35%
```

Run 1: Report of TCP BBR — Data Link

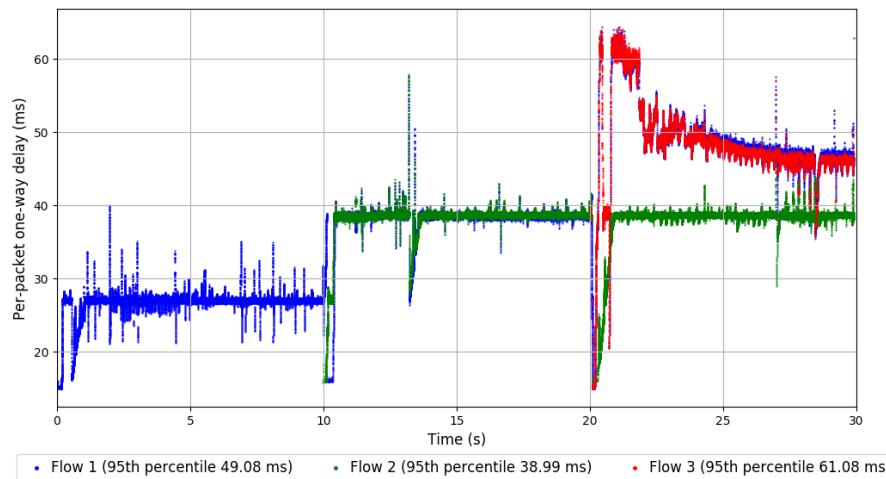
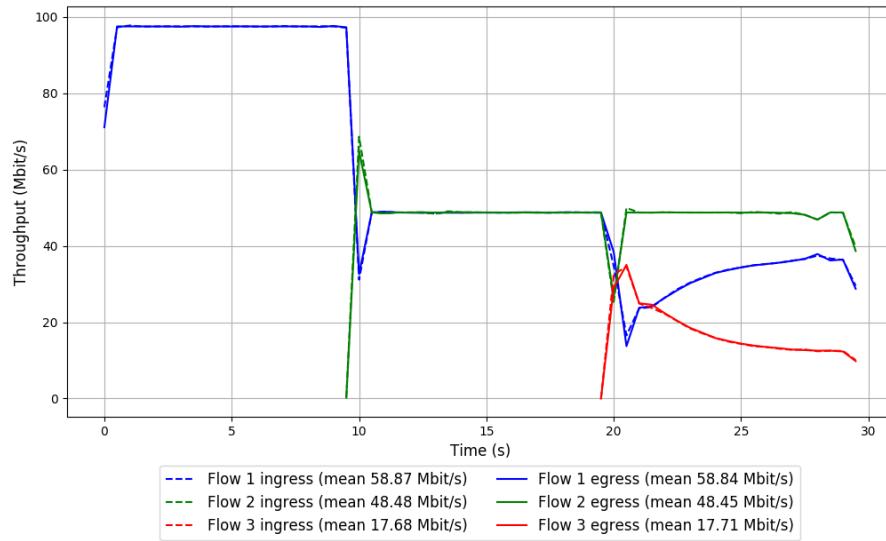


Run 2: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:07:08 +0000
End at: Sat, 29 Jul 2017 08:07:38 +0000
Local clock offset: 2.895 ms
Remote clock offset: -4.039 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:29:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 49.217 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 49.075 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 38.986 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 61.077 ms
Loss rate: 0.41%
```

Run 2: Report of TCP BBR — Data Link

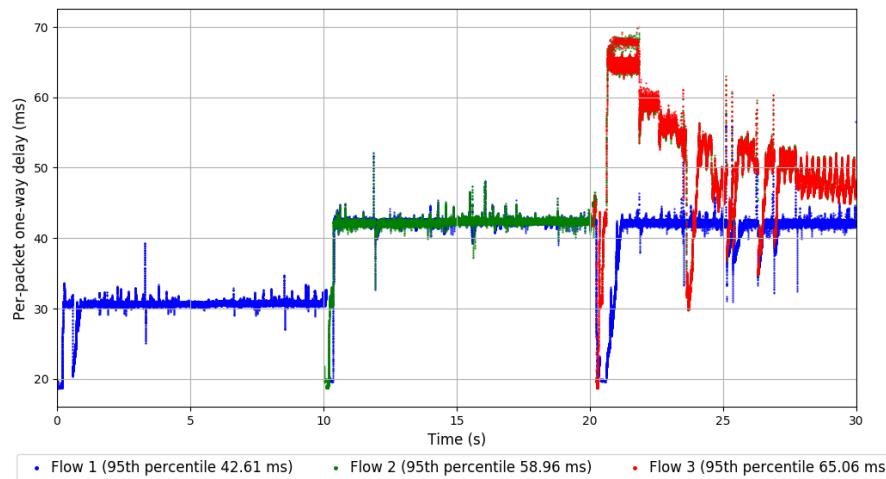
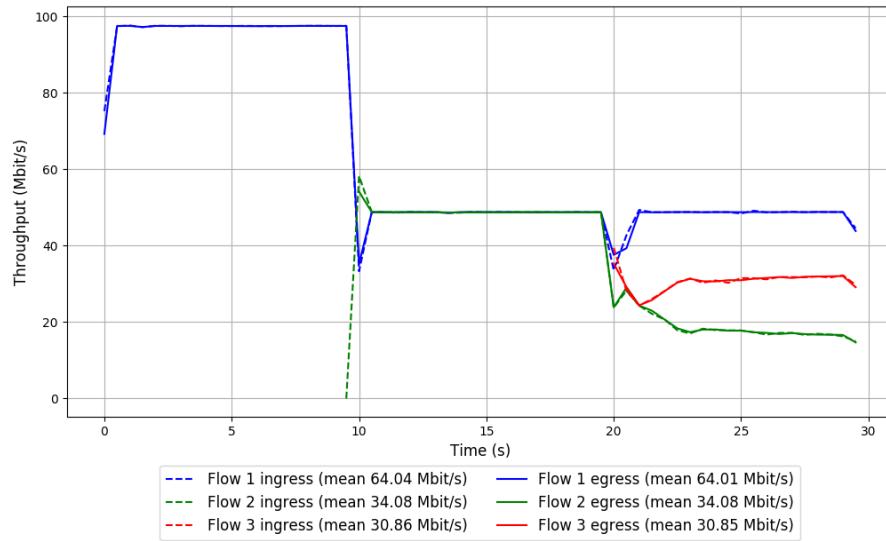


Run 3: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:26:17 +0000
End at: Sat, 29 Jul 2017 08:26:47 +0000
Local clock offset: 4.023 ms
Remote clock offset: -5.819 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:29:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 54.106 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.01 Mbit/s
95th percentile per-packet one-way delay: 42.608 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 58.957 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 65.062 ms
Loss rate: 0.59%
```

Run 3: Report of TCP BBR — Data Link

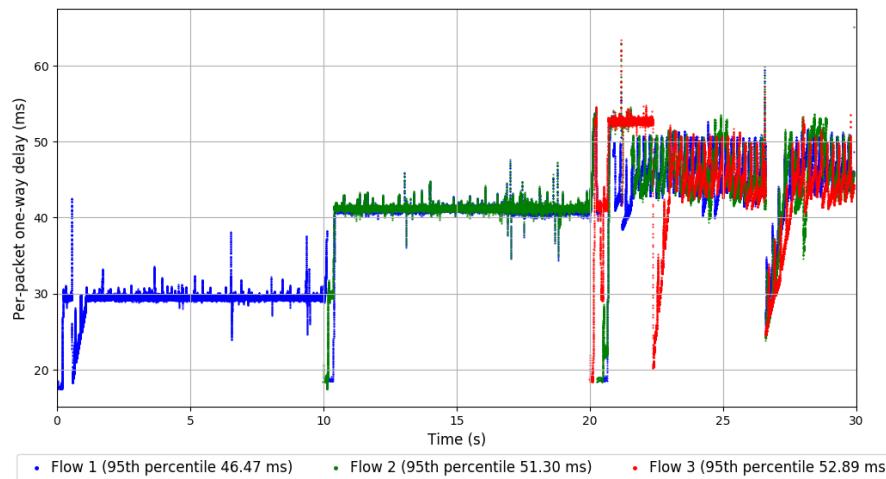
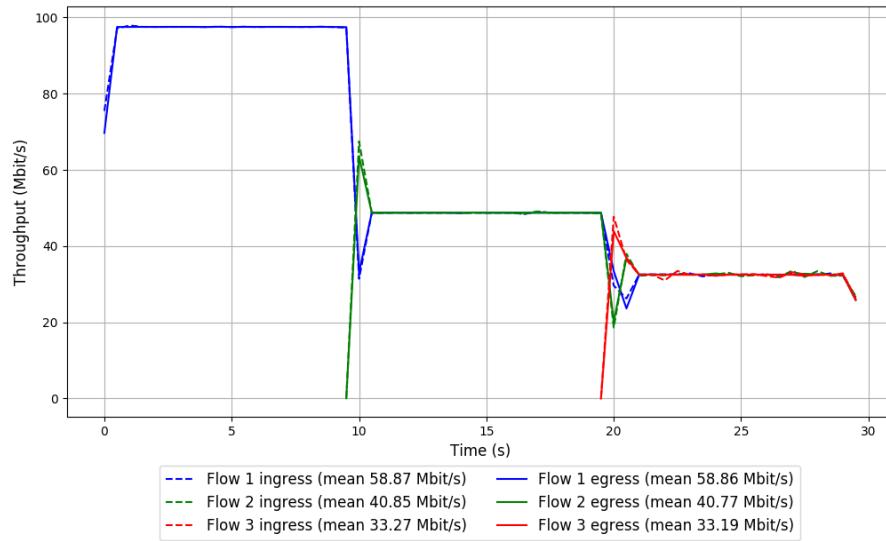


Run 4: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 08:45:43 +0000
End at: Sat, 29 Jul 2017 08:46:13 +0000
Local clock offset: 3.293 ms
Remote clock offset: -5.475 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:29:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 50.000 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 46.472 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 51.299 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 52.887 ms
Loss rate: 0.54%
```

Run 4: Report of TCP BBR — Data Link

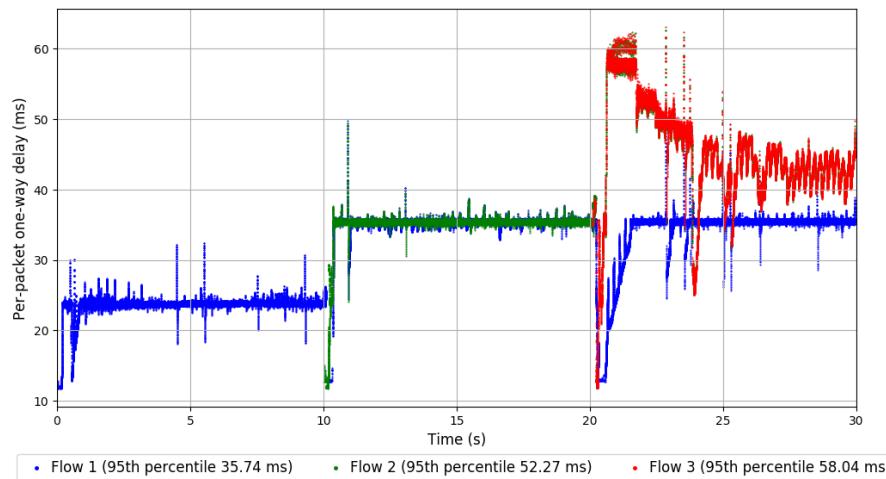
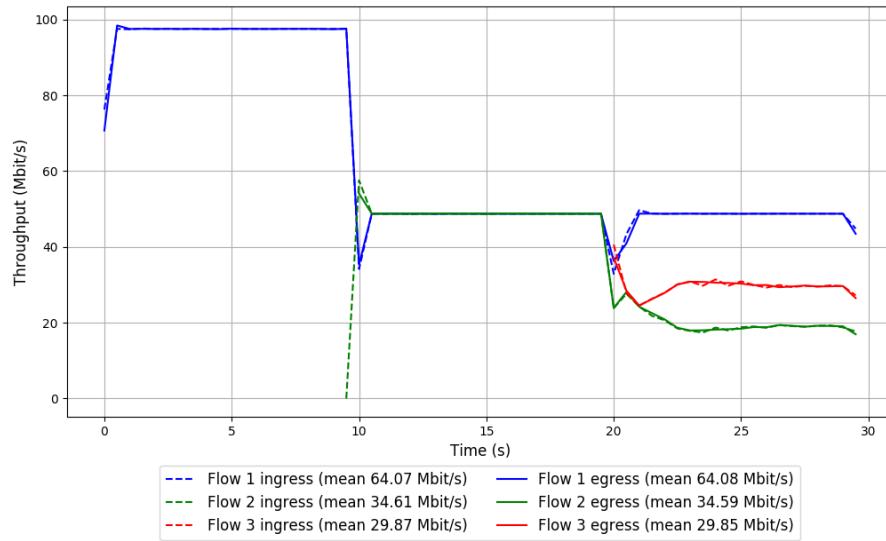


Run 5: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:05:00 +0000
End at: Sat, 29 Jul 2017 09:05:30 +0000
Local clock offset: 0.565 ms
Remote clock offset: -3.088 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 47.664 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 35.738 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 52.269 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 58.039 ms
Loss rate: 0.57%
```

Run 5: Report of TCP BBR — Data Link

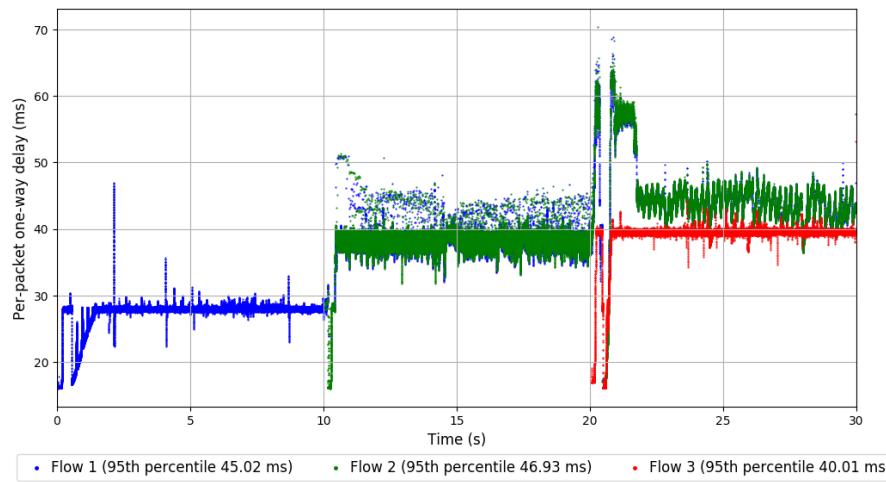
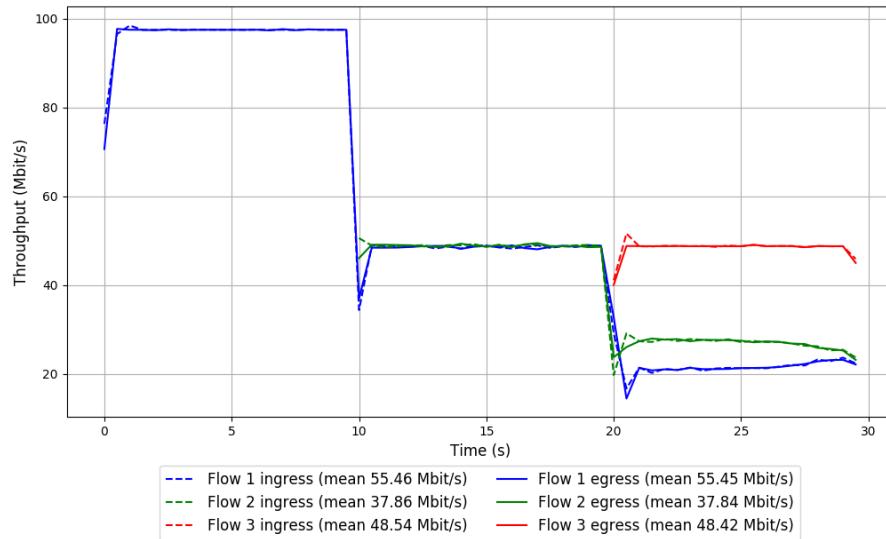


Run 6: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:24:06 +0000
End at: Sat, 29 Jul 2017 09:24:36 +0000
Local clock offset: 3.361 ms
Remote clock offset: -4.169 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 45.660 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 45.025 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 46.929 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 40.013 ms
Loss rate: 0.49%
```

Run 6: Report of TCP BBR — Data Link

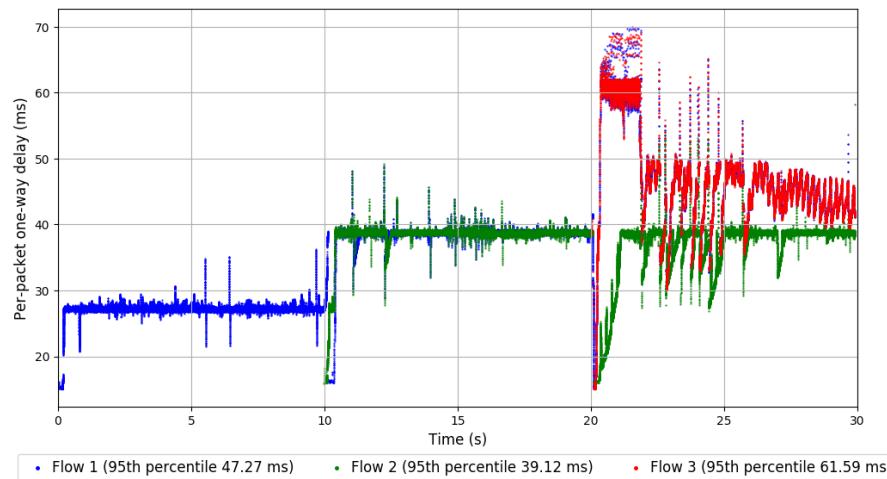
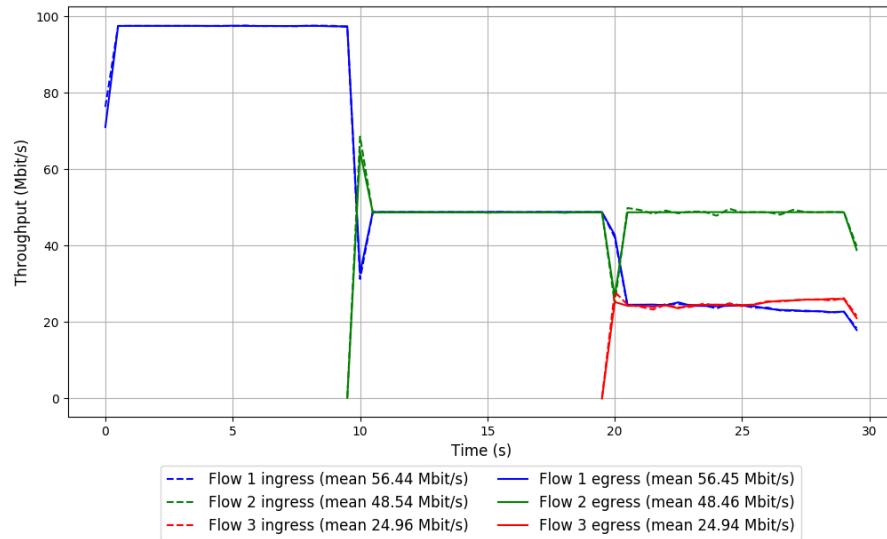


Run 7: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 09:43:04 +0000
End at: Sat, 29 Jul 2017 09:43:34 +0000
Local clock offset: 2.9 ms
Remote clock offset: -3.499 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 47.922 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 47.275 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 39.117 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 61.593 ms
Loss rate: 0.57%
```

Run 7: Report of TCP BBR — Data Link

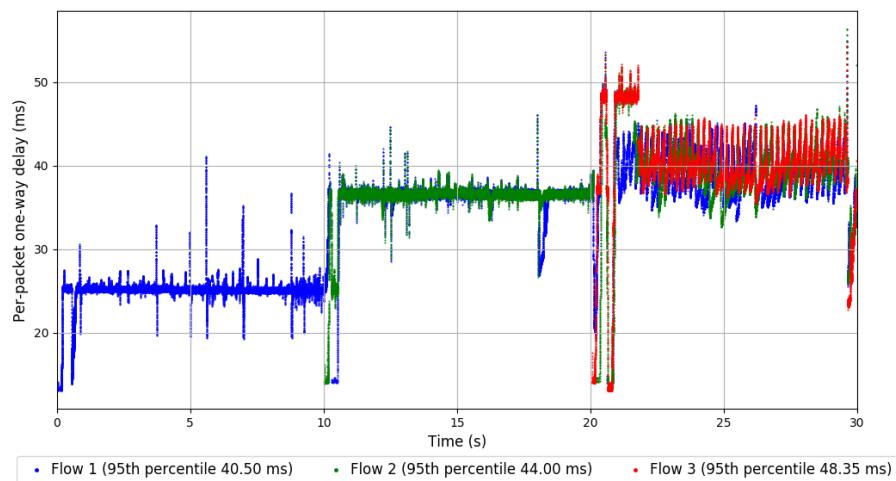
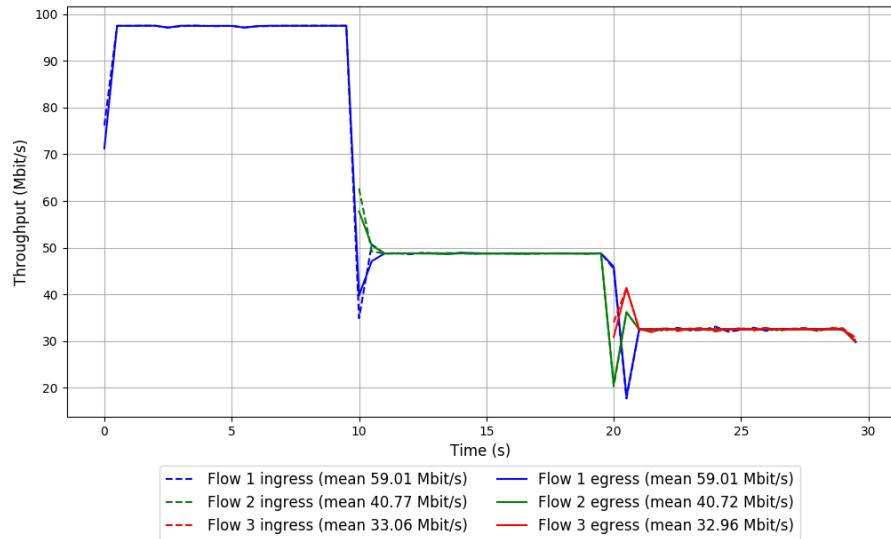


Run 8: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:01:49 +0000
End at: Sat, 29 Jul 2017 10:02:19 +0000
Local clock offset: 1.043 ms
Remote clock offset: -3.393 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 43.030 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 40.502 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 43.999 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 32.96 Mbit/s
95th percentile per-packet one-way delay: 48.352 ms
Loss rate: 0.57%
```

Run 8: Report of TCP BBR — Data Link

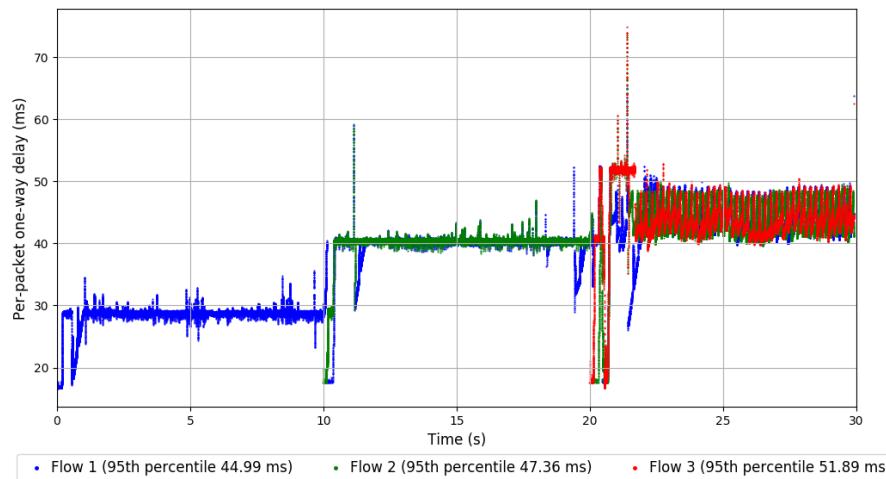
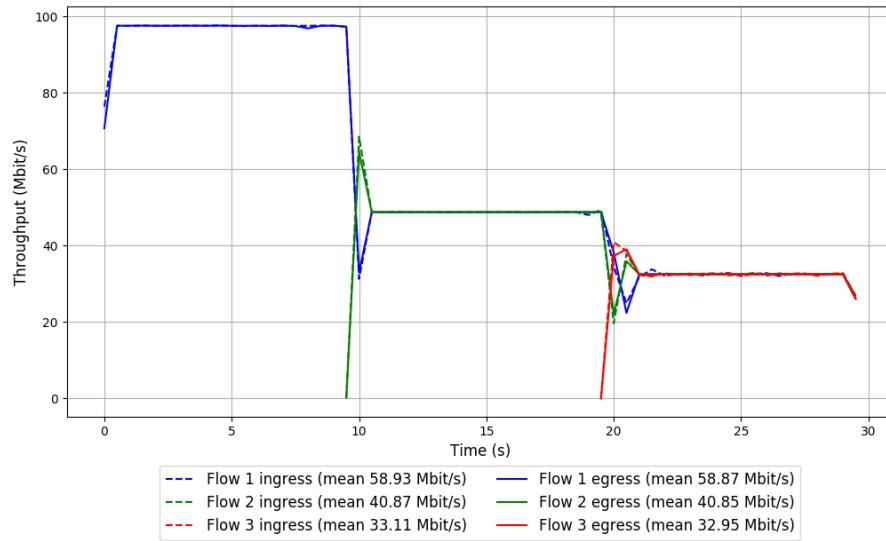


Run 9: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:20:39 +0000
End at: Sat, 29 Jul 2017 10:21:09 +0000
Local clock offset: 3.267 ms
Remote clock offset: -4.891 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 47.076 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 44.986 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 47.360 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 51.891 ms
Loss rate: 0.56%
```

Run 9: Report of TCP BBR — Data Link

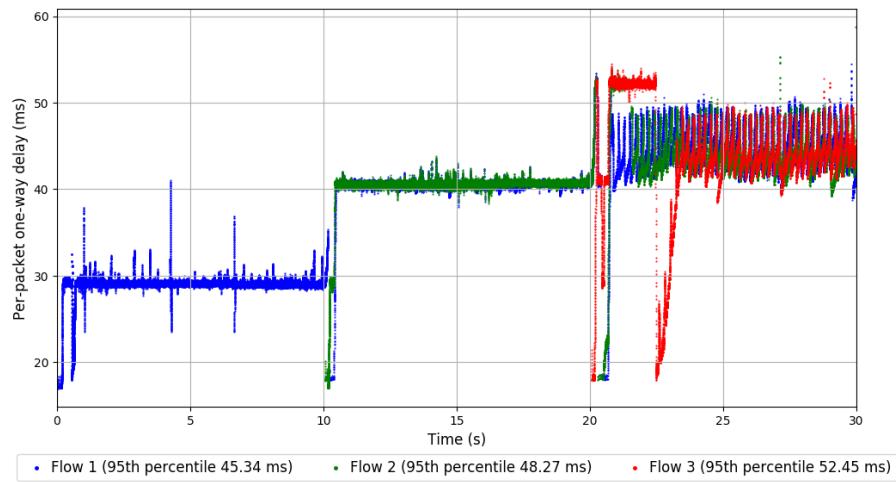
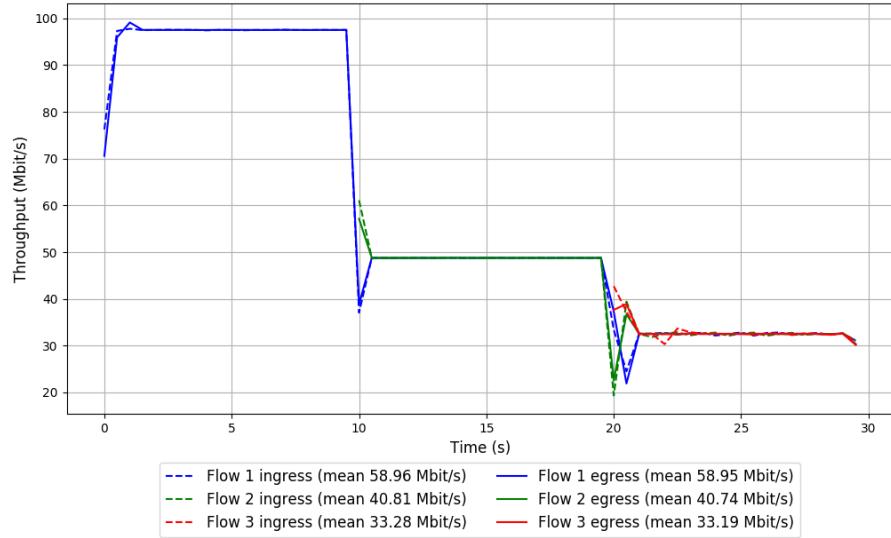


Run 10: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 10:39:35 +0000
End at: Sat, 29 Jul 2017 10:40:05 +0000
Local clock offset: 4.323 ms
Remote clock offset: -4.212 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 47.950 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 45.345 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 48.274 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 52.450 ms
Loss rate: 0.55%
```

Run 10: Report of TCP BBR — Data Link

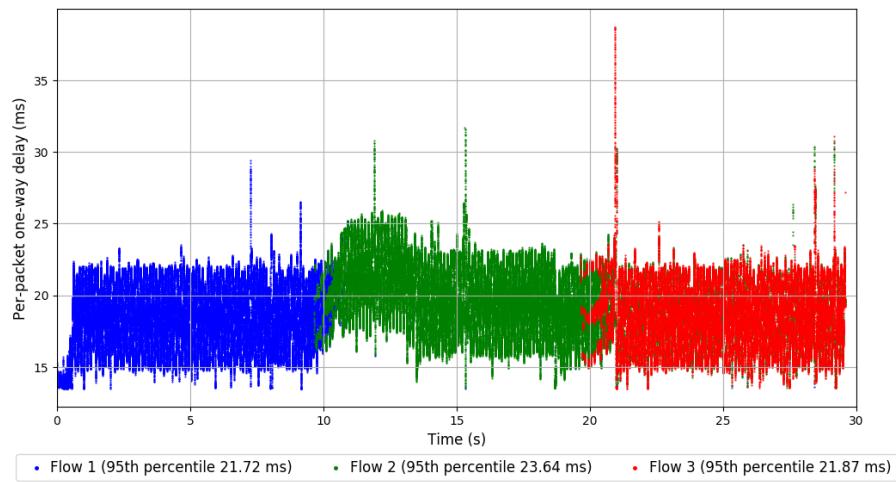
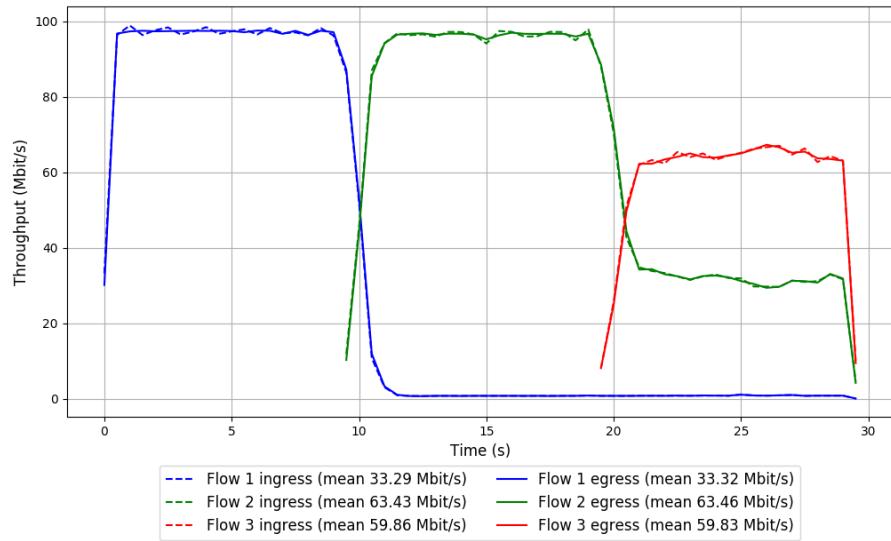


```
Run 1: Statistics of CalibratedKoho

Start at: Sat, 29 Jul 2017 07:40:21 +0000
End at: Sat, 29 Jul 2017 07:40:51 +0000
Local clock offset: 3.984 ms
Remote clock offset: -2.998 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 22.709 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 21.723 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.46 Mbit/s
95th percentile per-packet one-way delay: 23.636 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 21.867 ms
Loss rate: 0.28%
```

Run 1: Report of CalibratedKoho — Data Link

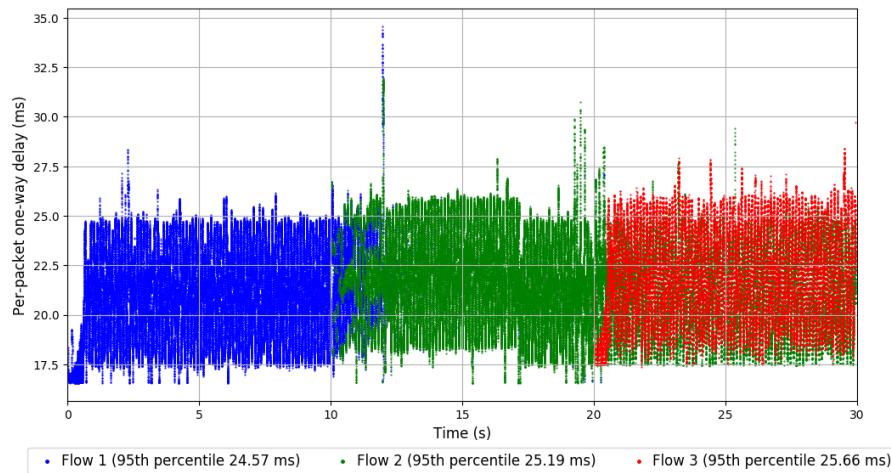
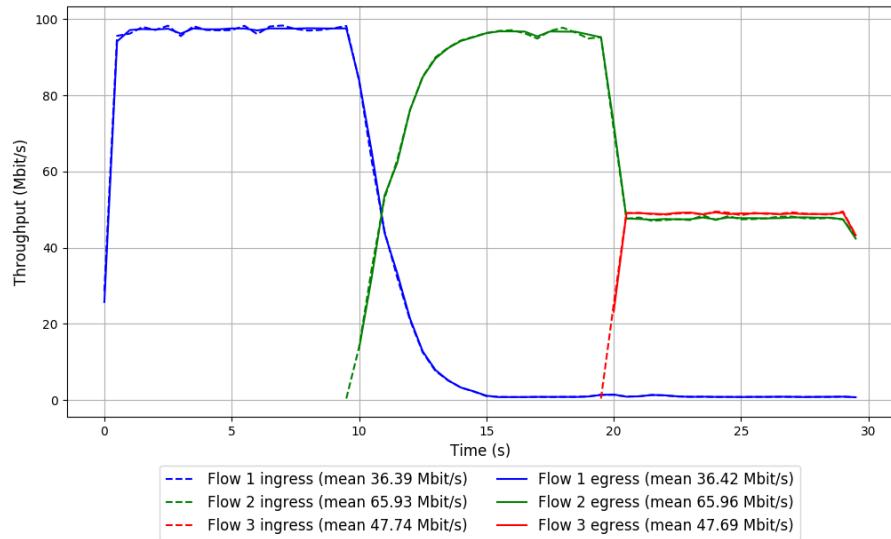


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 07:59:41 +0000
End at: Sat, 29 Jul 2017 08:00:11 +0000
Local clock offset: 4.713 ms
Remote clock offset: -3.928 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 25.116 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 24.566 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.96 Mbit/s
95th percentile per-packet one-way delay: 25.190 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 25.662 ms
Loss rate: 0.28%
```

Run 2: Report of CalibratedKoho — Data Link

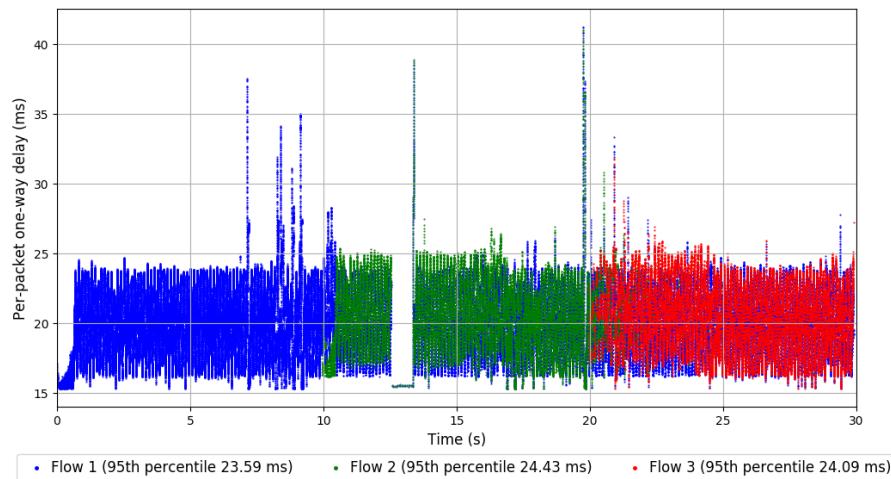
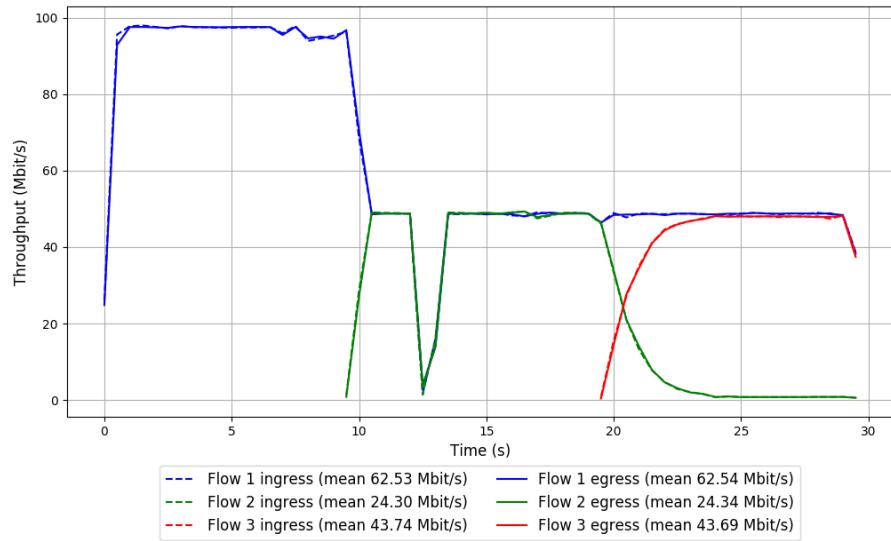


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 08:18:39 +0000
End at: Sat, 29 Jul 2017 08:19:09 +0000
Local clock offset: 1.135 ms
Remote clock offset: -5.415 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 23.784 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 62.54 Mbit/s
95th percentile per-packet one-way delay: 23.594 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 24.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 24.086 ms
Loss rate: 0.31%
```

Run 3: Report of CalibratedKoho — Data Link

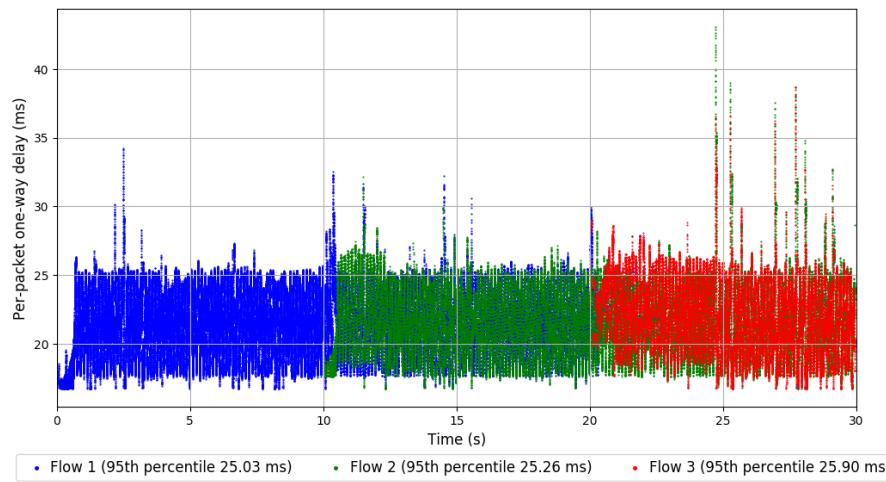
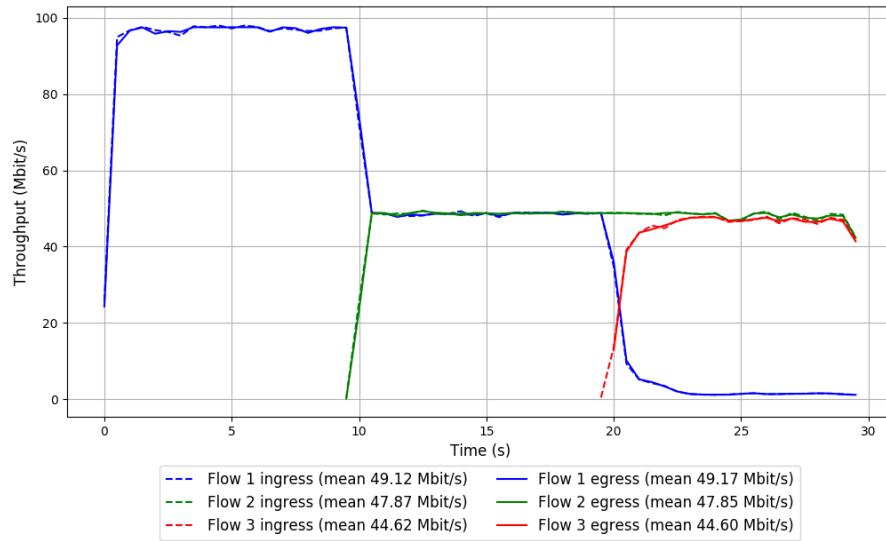


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 08:37:58 +0000
End at: Sat, 29 Jul 2017 08:38:28 +0000
Local clock offset: 2.365 ms
Remote clock offset: -5.654 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:30:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 25.215 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 25.033 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 25.256 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 0.32%
```

Run 4: Report of CalibratedKoho — Data Link

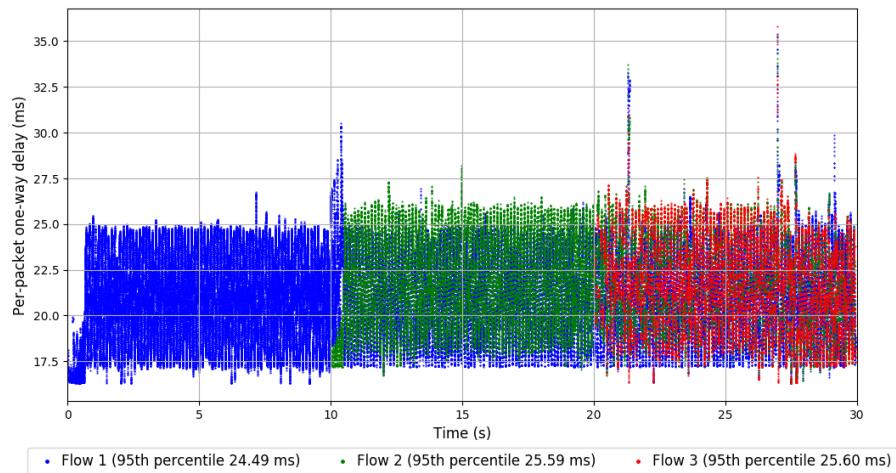
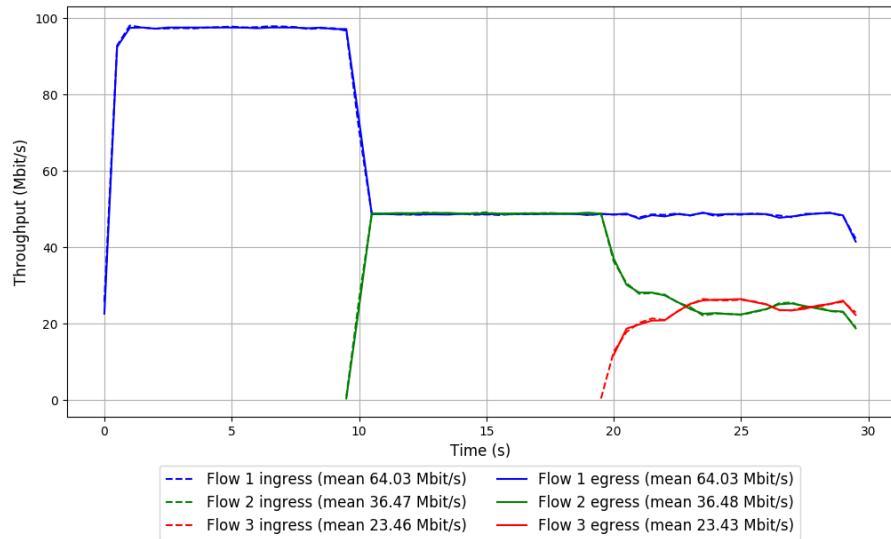


Run 5: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 08:57:23 +0000
End at: Sat, 29 Jul 2017 08:57:53 +0000
Local clock offset: 4.264 ms
Remote clock offset: -3.249 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 24.977 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 24.489 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 25.593 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 25.599 ms
Loss rate: 0.39%
```

Run 5: Report of CalibratedKoho — Data Link

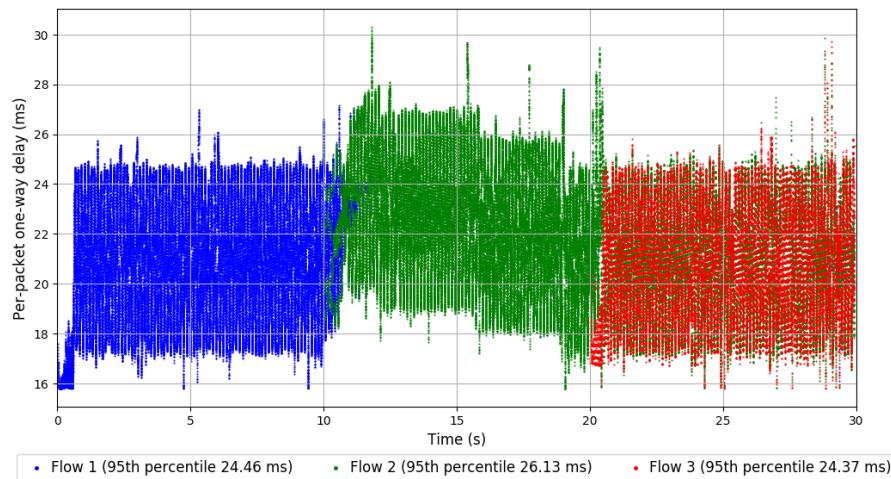
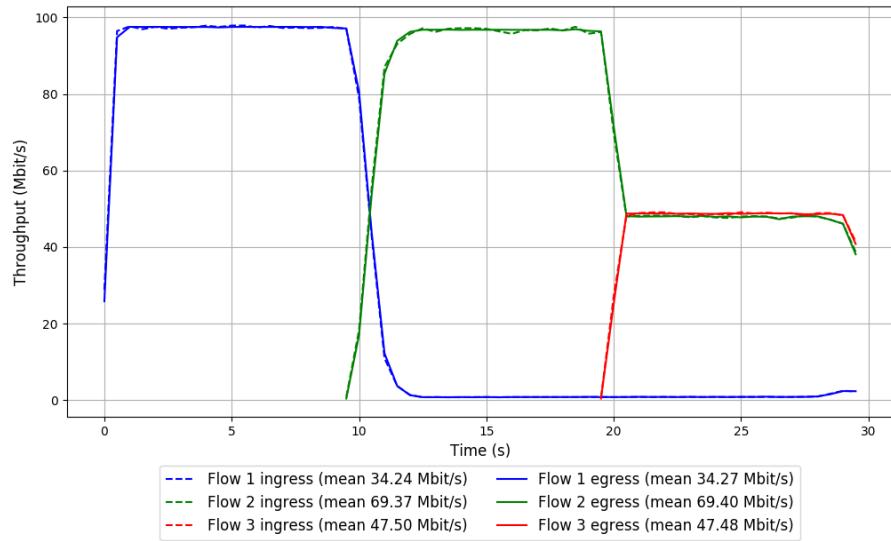


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 09:16:33 +0000
End at: Sat, 29 Jul 2017 09:17:03 +0000
Local clock offset: 2.858 ms
Remote clock offset: -4.624 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 25.387 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 24.463 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 69.40 Mbit/s
95th percentile per-packet one-way delay: 26.131 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 24.374 ms
Loss rate: 0.29%
```

Run 6: Report of CalibratedKoho — Data Link

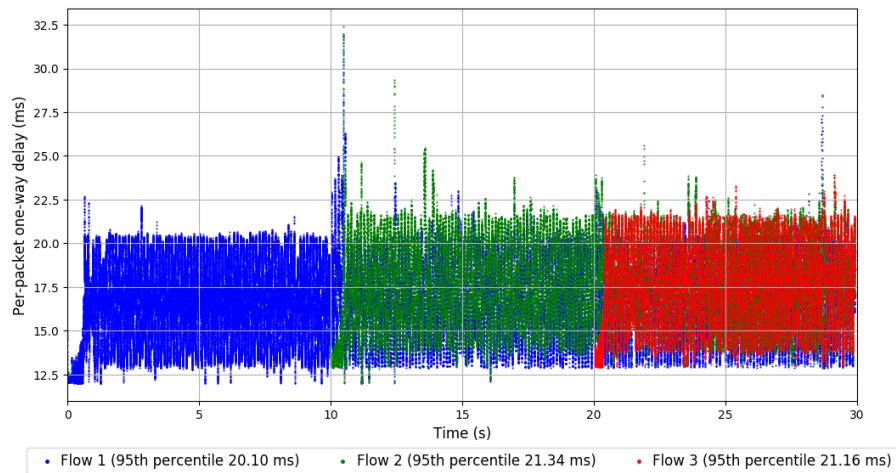
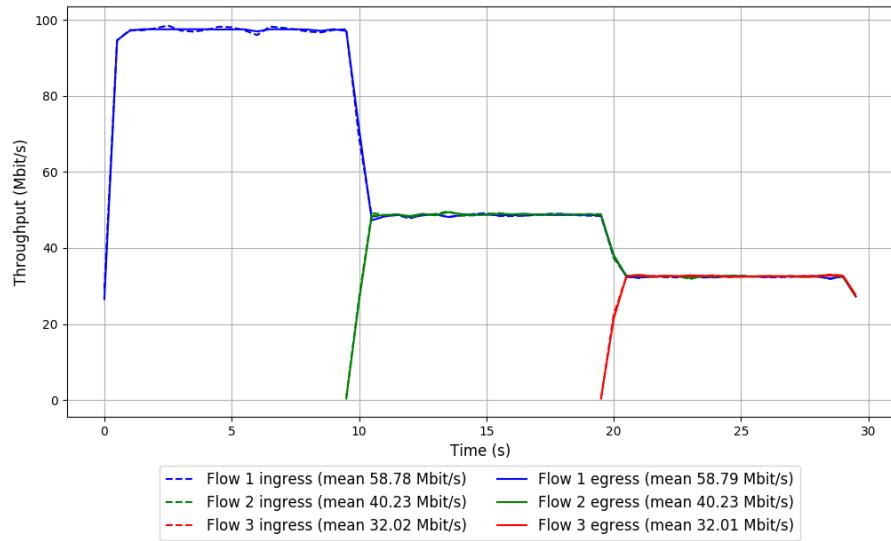


Run 7: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 09:35:24 +0000
End at: Sat, 29 Jul 2017 09:35:54 +0000
Local clock offset: -0.034 ms
Remote clock offset: -3.261 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 20.769 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 20.104 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 21.341 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 21.158 ms
Loss rate: 0.28%
```

Run 7: Report of CalibratedKoho — Data Link

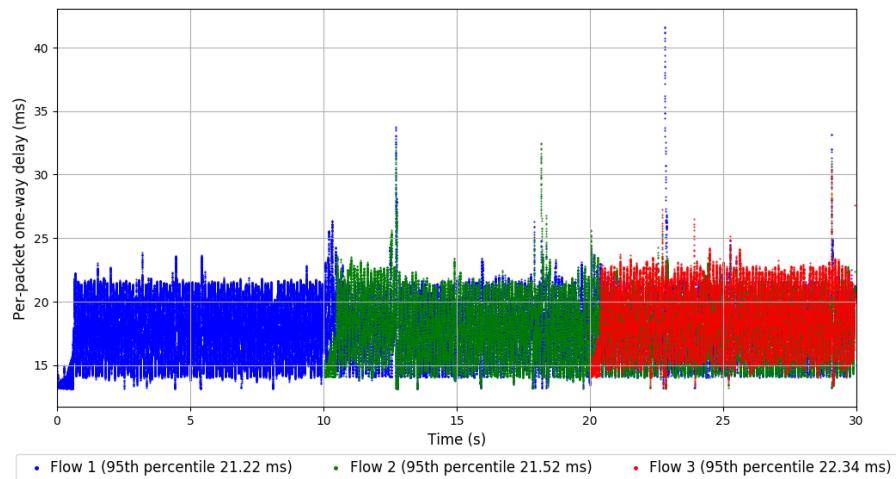
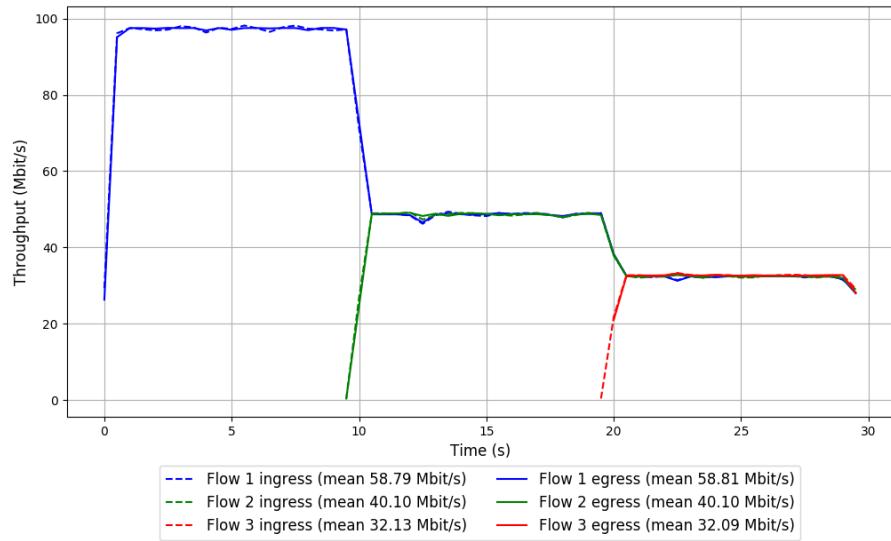


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 09:54:27 +0000
End at: Sat, 29 Jul 2017 09:54:57 +0000
Local clock offset: 0.614 ms
Remote clock offset: -3.716 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 21.436 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 21.223 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 21.519 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 22.336 ms
Loss rate: 0.33%
```

Run 8: Report of CalibratedKoho — Data Link

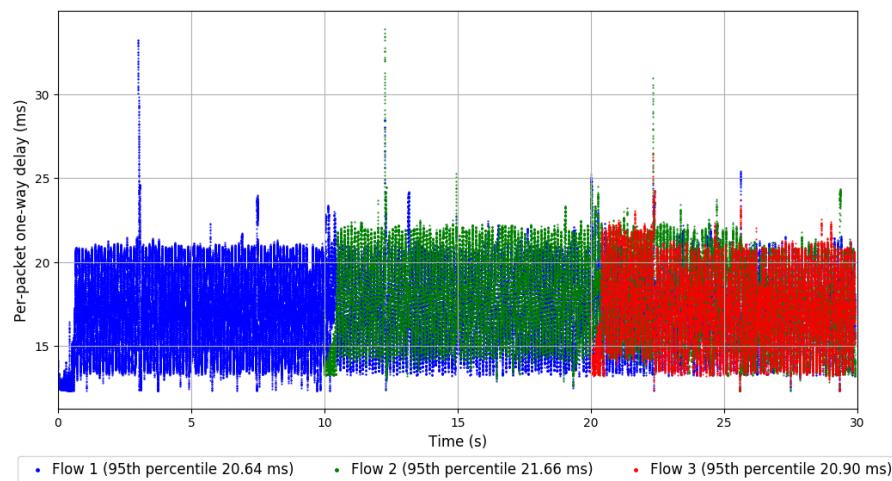
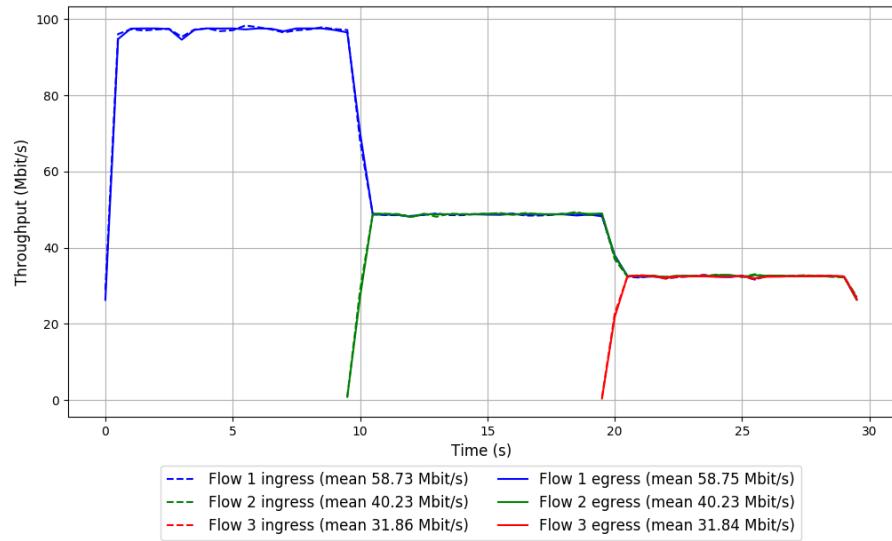


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 10:13:07 +0000
End at: Sat, 29 Jul 2017 10:13:37 +0000
Local clock offset: 0.865 ms
Remote clock offset: -2.847 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 20.967 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 20.635 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 21.659 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 20.903 ms
Loss rate: 0.28%
```

Run 9: Report of CalibratedKoho — Data Link

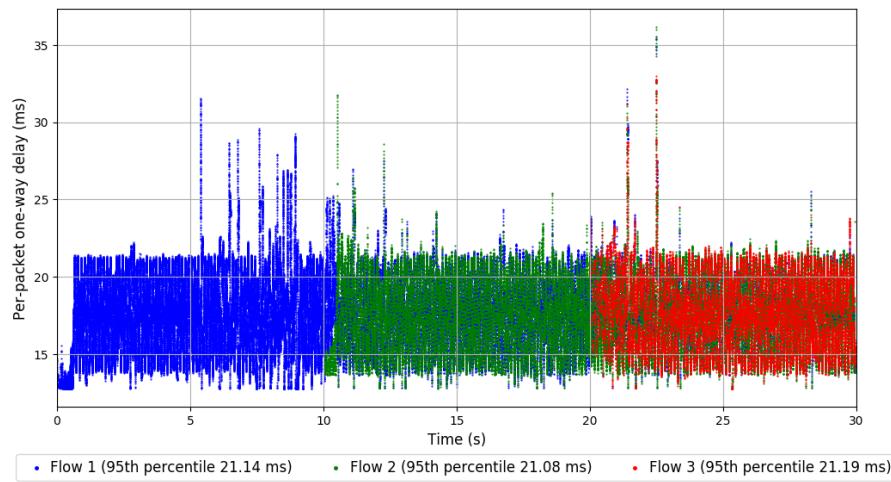
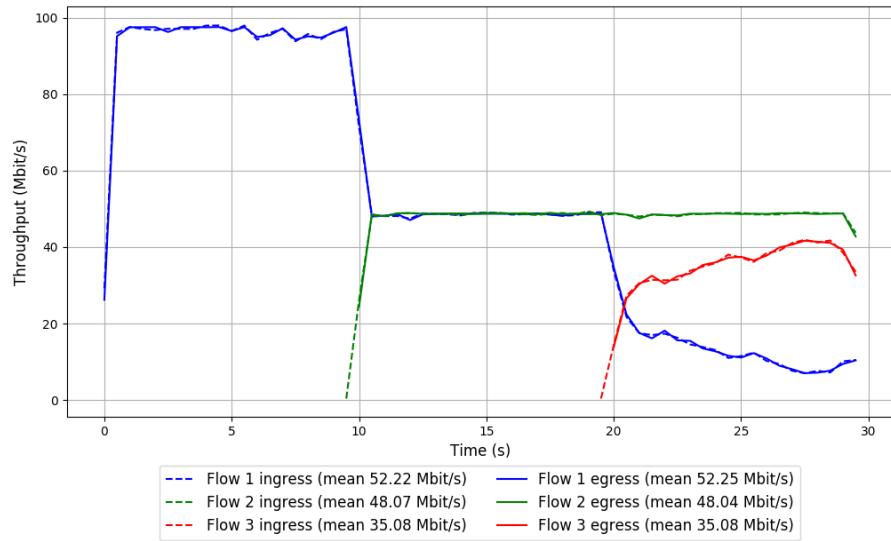


```
Run 10: Statistics of CalibratedKoho

Start at: Sat, 29 Jul 2017 10:32:02 +0000
End at: Sat, 29 Jul 2017 10:32:32 +0000
Local clock offset: 0.962 ms
Remote clock offset: -3.158 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 21.129 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 52.25 Mbit/s
95th percentile per-packet one-way delay: 21.144 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 48.04 Mbit/s
95th percentile per-packet one-way delay: 21.083 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 35.08 Mbit/s
95th percentile per-packet one-way delay: 21.194 ms
Loss rate: 0.32%
```

Run 10: Report of CalibratedKoho — Data Link

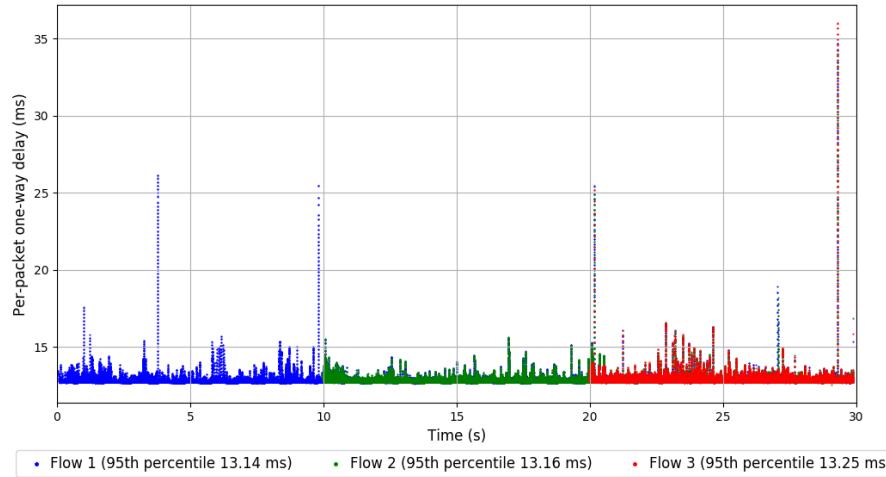
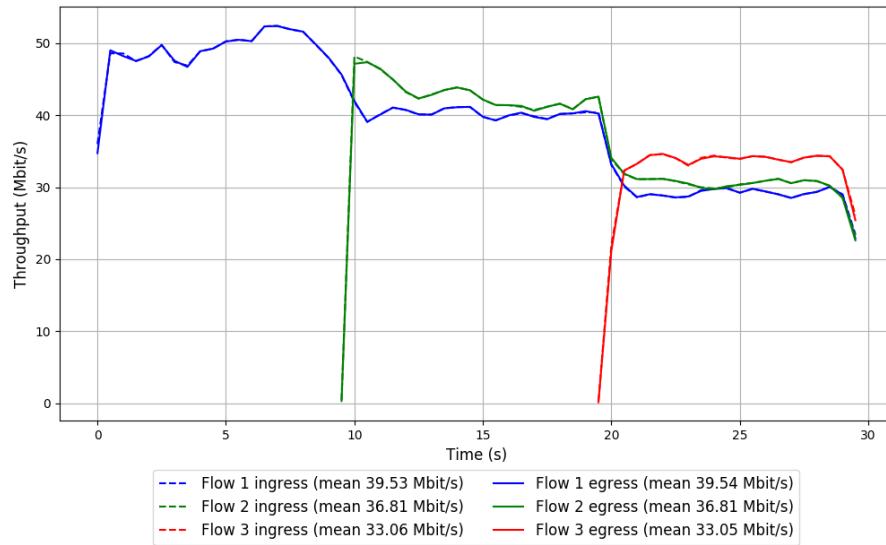


Run 1: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 07:39:00 +0000
End at: Sat, 29 Jul 2017 07:39:30 +0000
Local clock offset: 2.745 ms
Remote clock offset: -3.434 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.10 Mbit/s
95th percentile per-packet one-way delay: 13.164 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 13.137 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 13.160 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 13.249 ms
Loss rate: 0.24%
```

Run 1: Report of Copa — Data Link

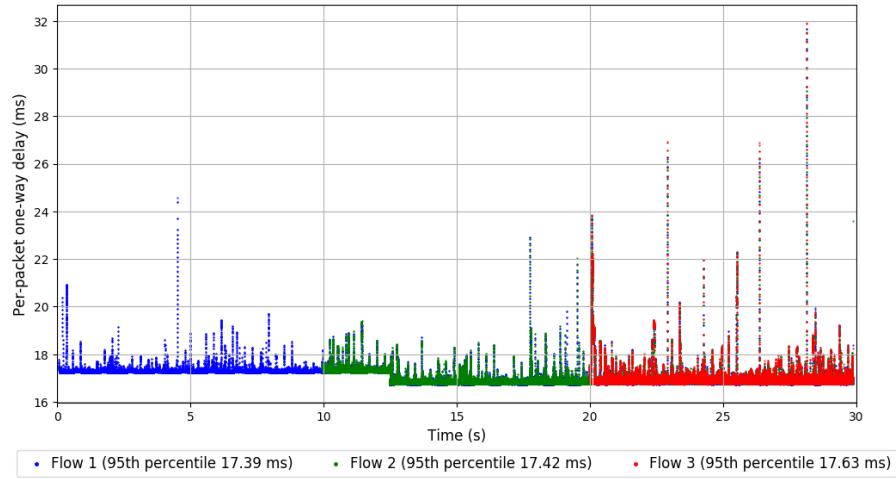
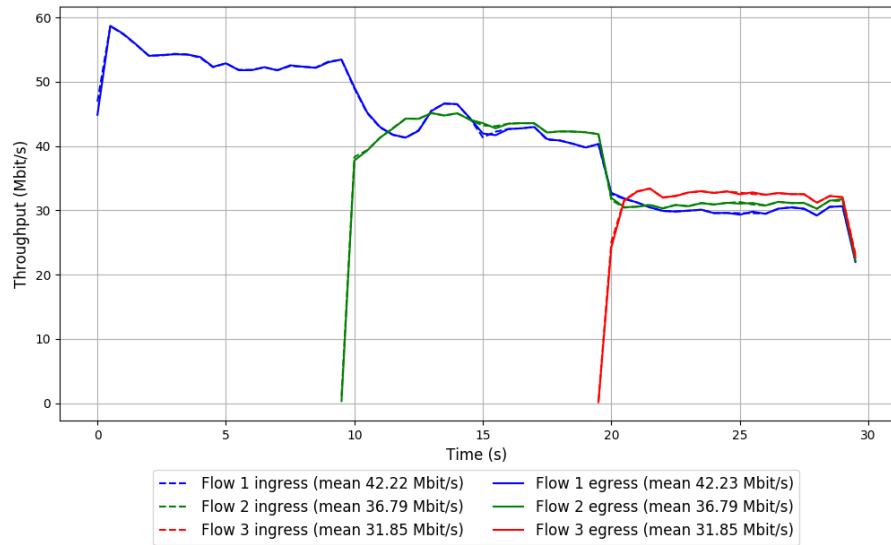


Run 2: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 07:58:20 +0000
End at: Sat, 29 Jul 2017 07:58:50 +0000
Local clock offset: 3.258 ms
Remote clock offset: -5.572 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:31:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.37 Mbit/s
95th percentile per-packet one-way delay: 17.413 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 42.23 Mbit/s
95th percentile per-packet one-way delay: 17.389 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.79 Mbit/s
95th percentile per-packet one-way delay: 17.424 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 17.632 ms
Loss rate: 0.25%
```

Run 2: Report of Copa — Data Link

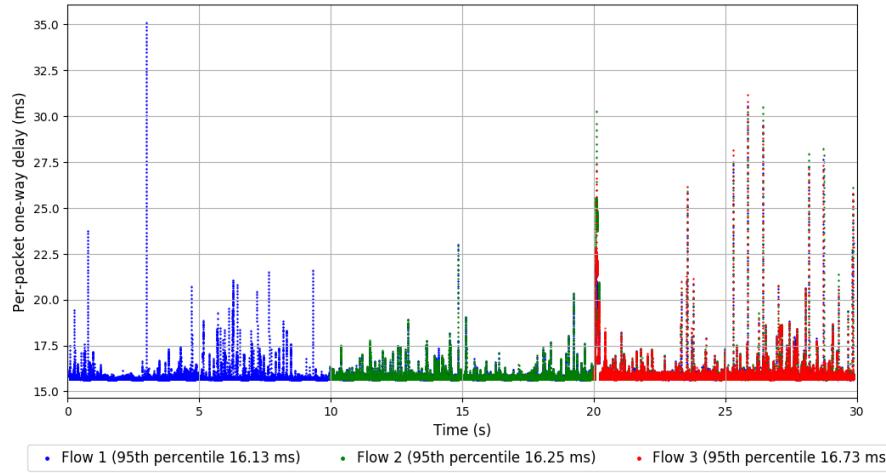
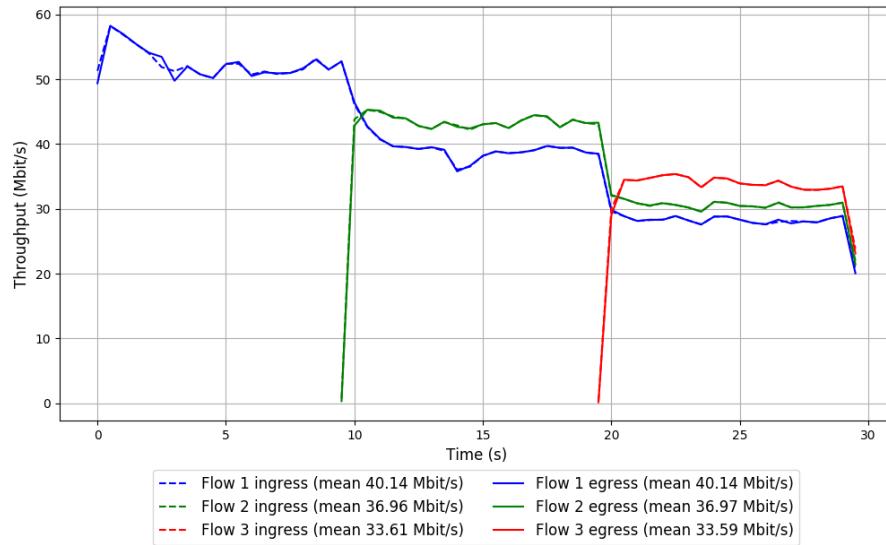


Run 3: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:17:15 +0000
End at: Sat, 29 Jul 2017 08:17:45 +0000
Local clock offset: 1.221 ms
Remote clock offset: -5.666 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 16.250 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 16.126 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 16.253 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 33.59 Mbit/s
95th percentile per-packet one-way delay: 16.735 ms
Loss rate: 0.27%
```

Run 3: Report of Copa — Data Link

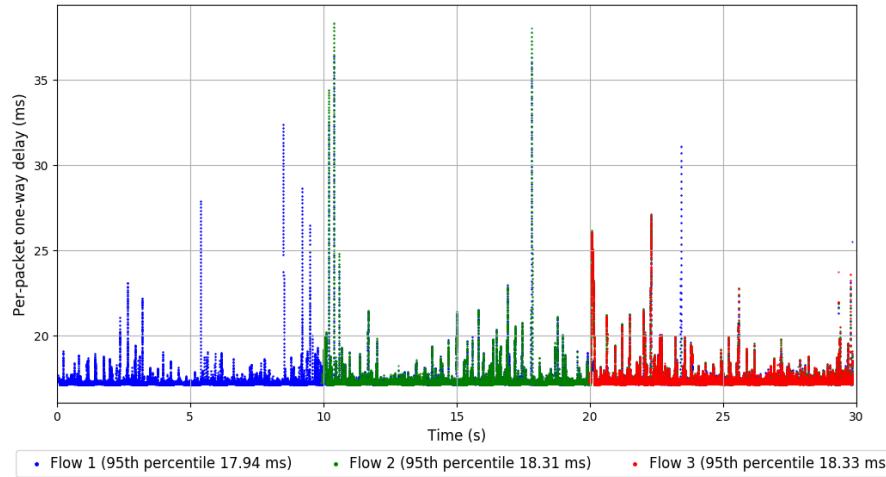
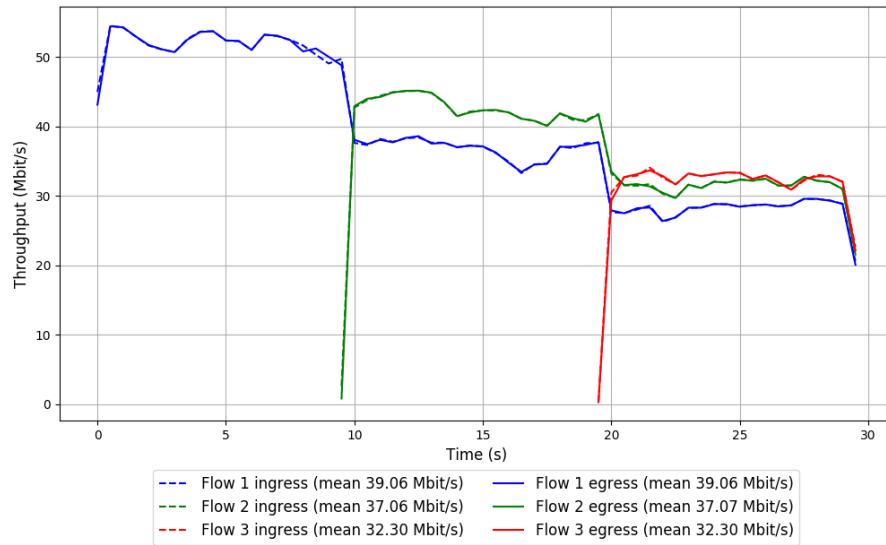


Run 4: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:36:30 +0000
End at: Sat, 29 Jul 2017 08:37:00 +0000
Local clock offset: 4.077 ms
Remote clock offset: -5.145 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 18.083 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.06 Mbit/s
95th percentile per-packet one-way delay: 17.942 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 18.311 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 18.333 ms
Loss rate: 0.25%
```

Run 4: Report of Copa — Data Link

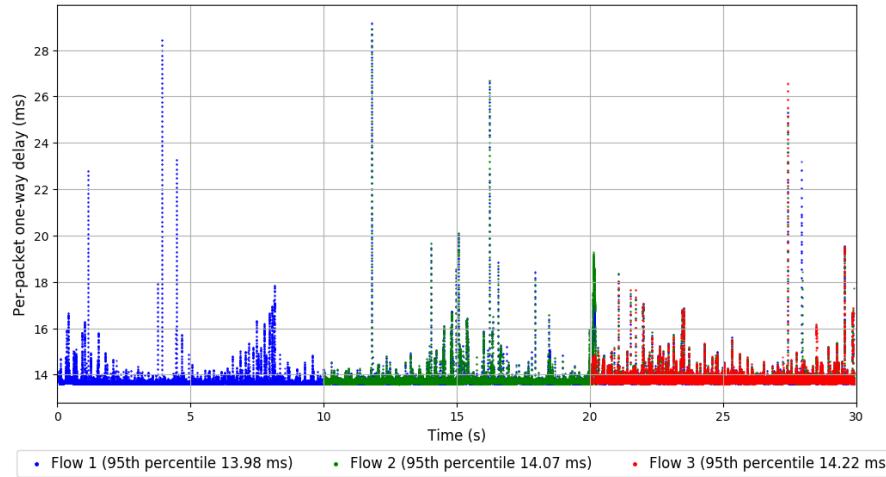
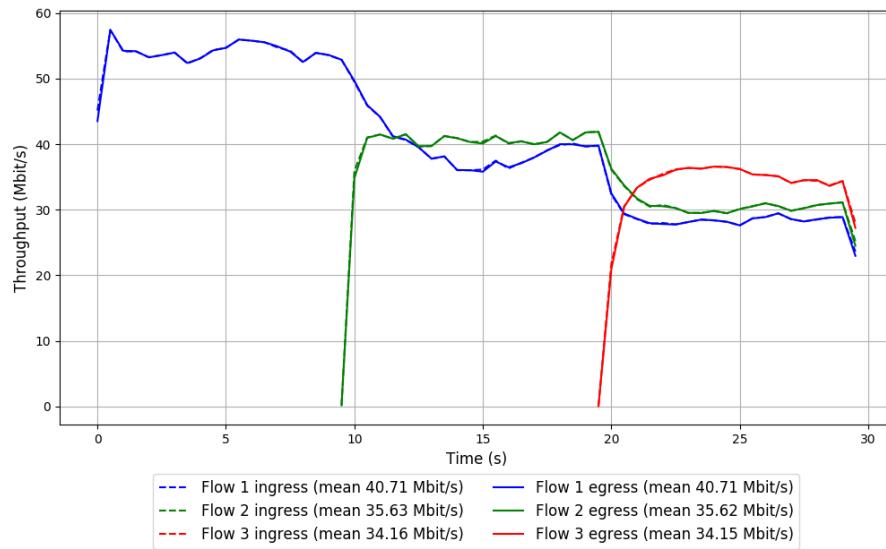


Run 5: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 08:56:02 +0000
End at: Sat, 29 Jul 2017 08:56:32 +0000
Local clock offset: 0.864 ms
Remote clock offset: -3.949 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 14.046 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 13.981 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 14.067 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 14.217 ms
Loss rate: 0.25%
```

Run 5: Report of Copa — Data Link

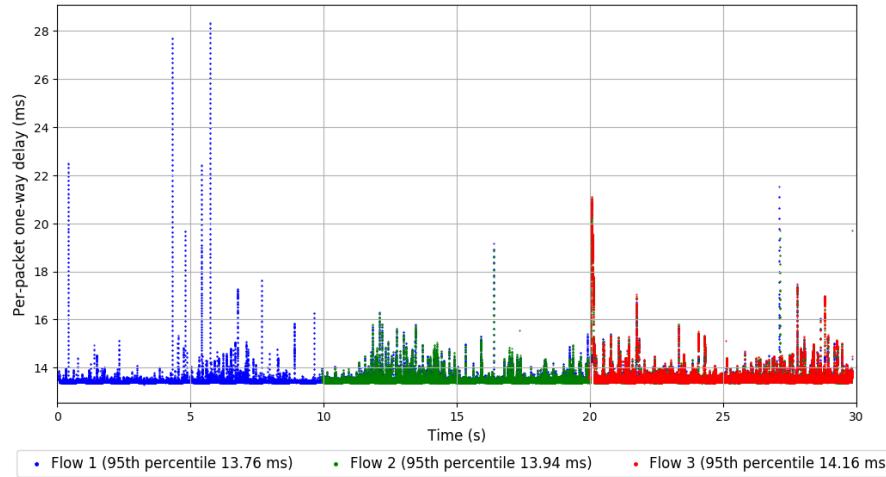
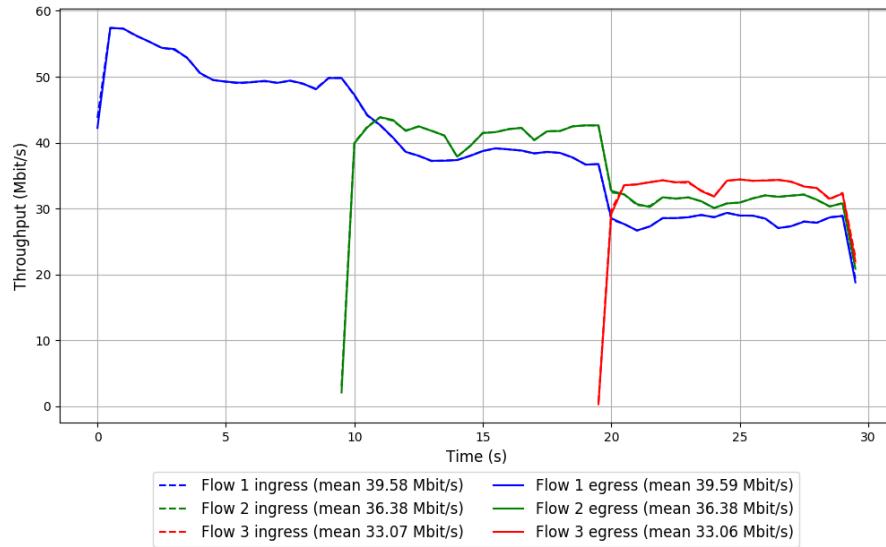


Run 6: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:15:10 +0000
End at: Sat, 29 Jul 2017 09:15:40 +0000
Local clock offset: 0.496 ms
Remote clock offset: -4.563 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 13.875 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.59 Mbit/s
95th percentile per-packet one-way delay: 13.757 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 13.935 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 33.06 Mbit/s
95th percentile per-packet one-way delay: 14.156 ms
Loss rate: 0.25%
```

Run 6: Report of Copa — Data Link

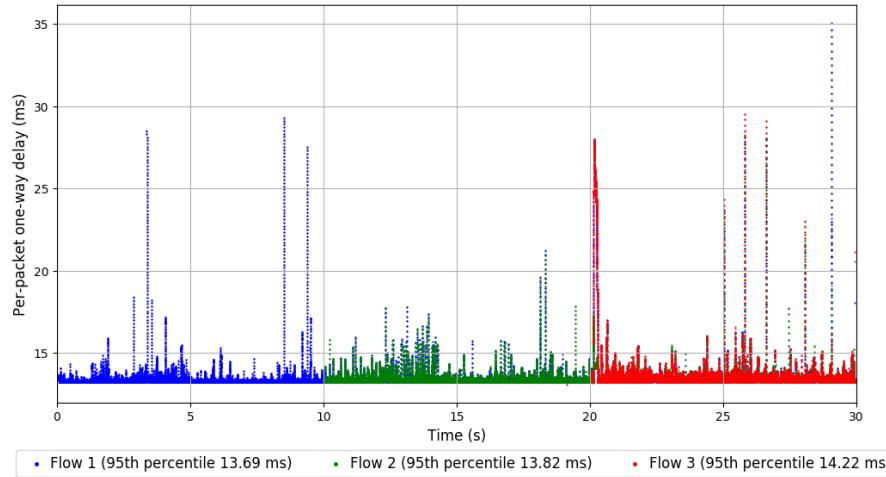
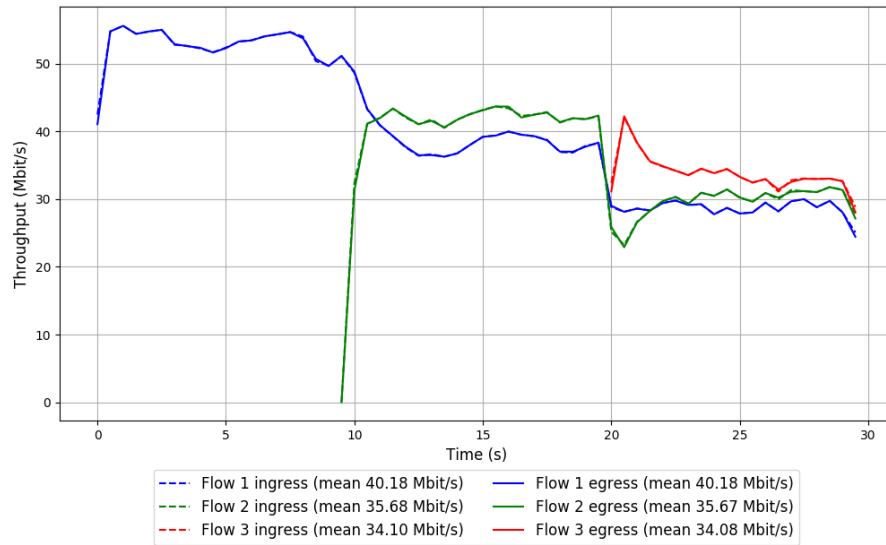


Run 7: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:34:02 +0000
End at: Sat, 29 Jul 2017 09:34:32 +0000
Local clock offset: 0.33 ms
Remote clock offset: -4.134 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.23 Mbit/s
95th percentile per-packet one-way delay: 13.801 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 13.689 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 13.819 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 14.225 ms
Loss rate: 0.25%
```

Run 7: Report of Copa — Data Link

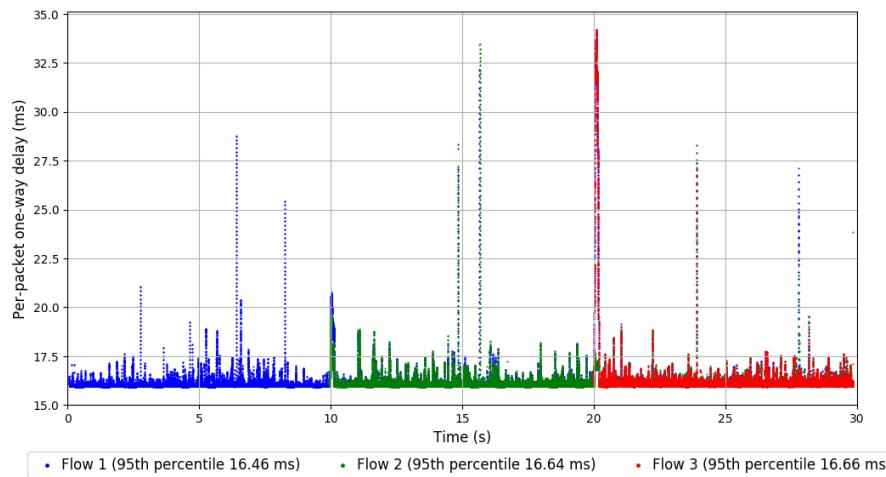
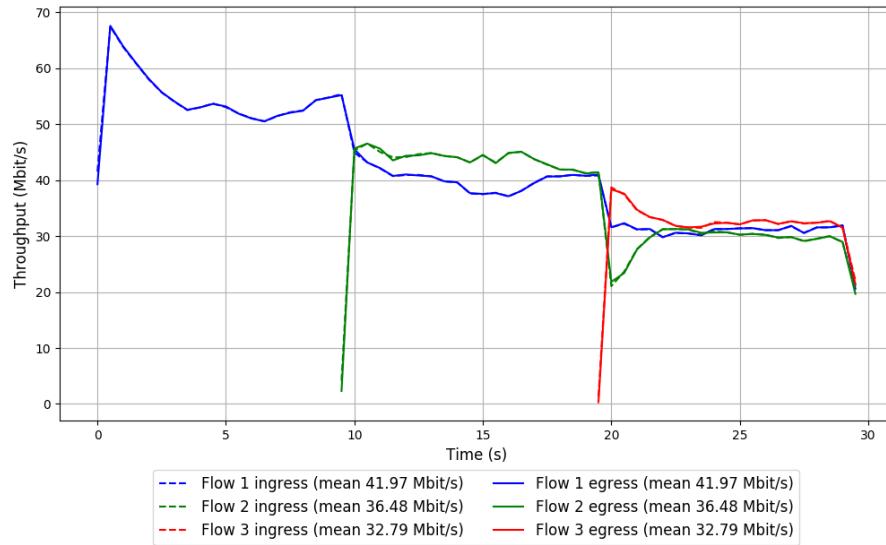


Run 8: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 09:53:06 +0000
End at: Sat, 29 Jul 2017 09:53:36 +0000
Local clock offset: 3.41 ms
Remote clock offset: -3.713 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:32:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 16.543 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 41.97 Mbit/s
95th percentile per-packet one-way delay: 16.462 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 16.664 ms
Loss rate: 0.26%
```

Run 8: Report of Copa — Data Link

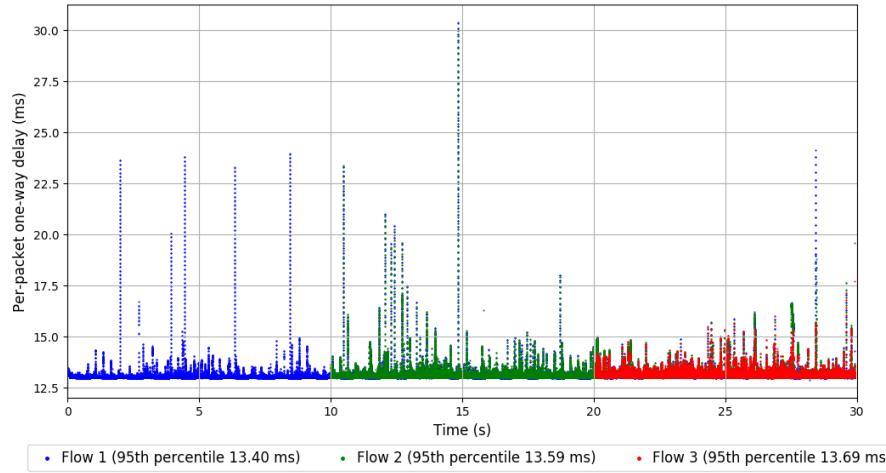
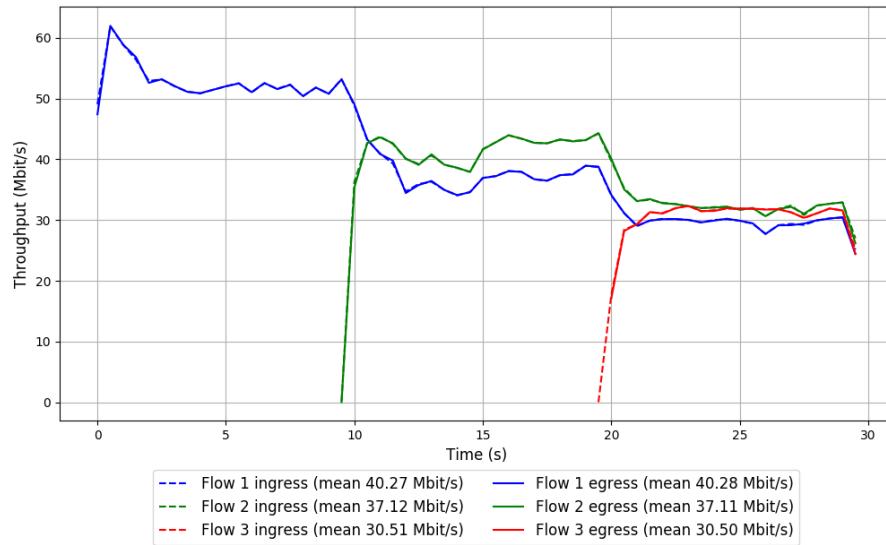


Run 9: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 10:11:48 +0000
End at: Sat, 29 Jul 2017 10:12:18 +0000
Local clock offset: 0.192 ms
Remote clock offset: -4.151 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.13 Mbit/s
95th percentile per-packet one-way delay: 13.522 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 13.405 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 13.587 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 13.693 ms
Loss rate: 0.25%
```

Run 9: Report of Copa — Data Link

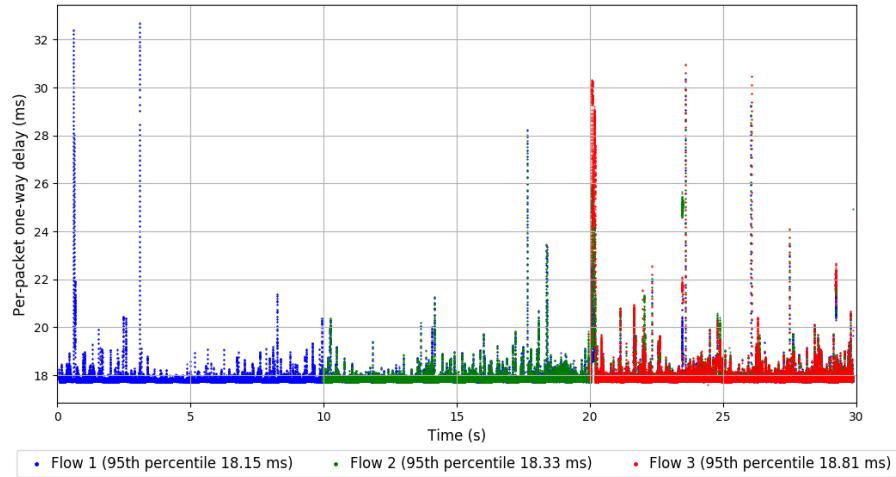
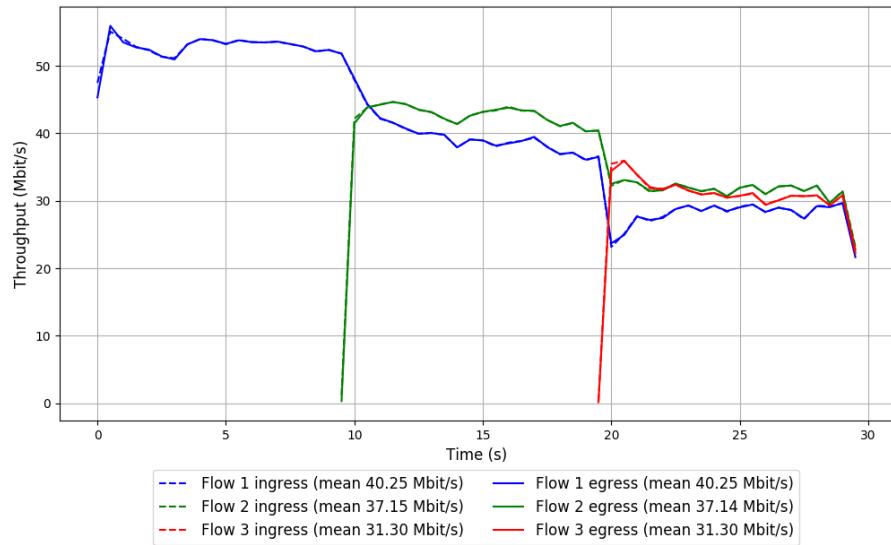


Run 10: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 10:30:42 +0000
End at: Sat, 29 Jul 2017 10:31:12 +0000
Local clock offset: 3.609 ms
Remote clock offset: -5.474 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.45 Mbit/s
95th percentile per-packet one-way delay: 18.309 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 18.147 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.14 Mbit/s
95th percentile per-packet one-way delay: 18.334 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 31.30 Mbit/s
95th percentile per-packet one-way delay: 18.806 ms
Loss rate: 0.26%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

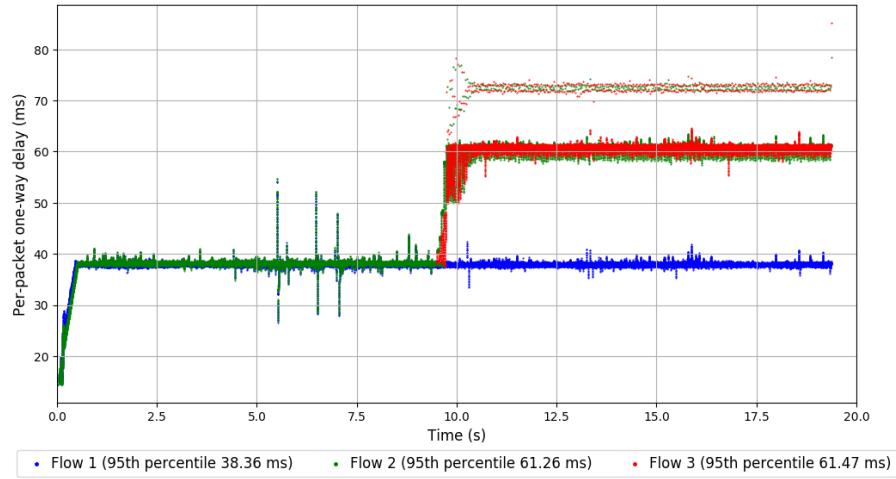
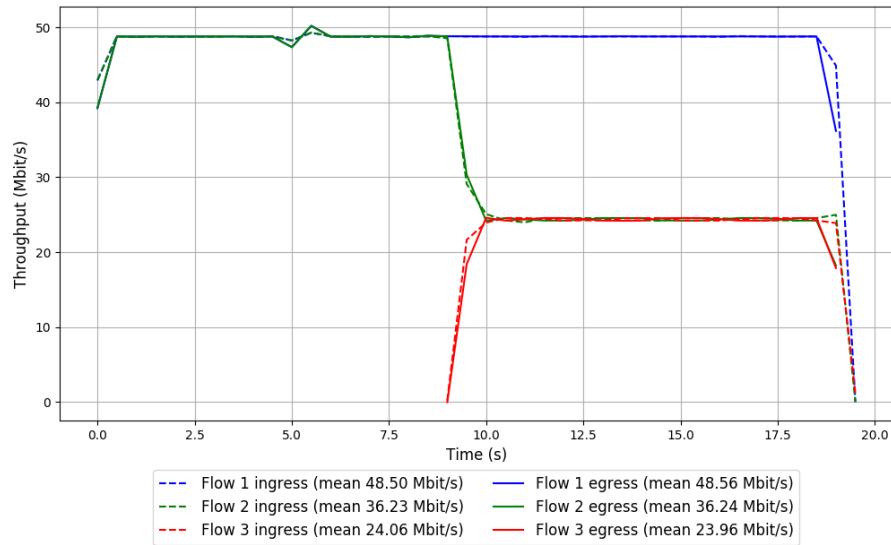
Start at: Sat, 29 Jul 2017 07:44:23 +0000

End at: Sat, 29 Jul 2017 07:44:53 +0000

Local clock offset: 4.142 ms

Remote clock offset: -3.721 ms

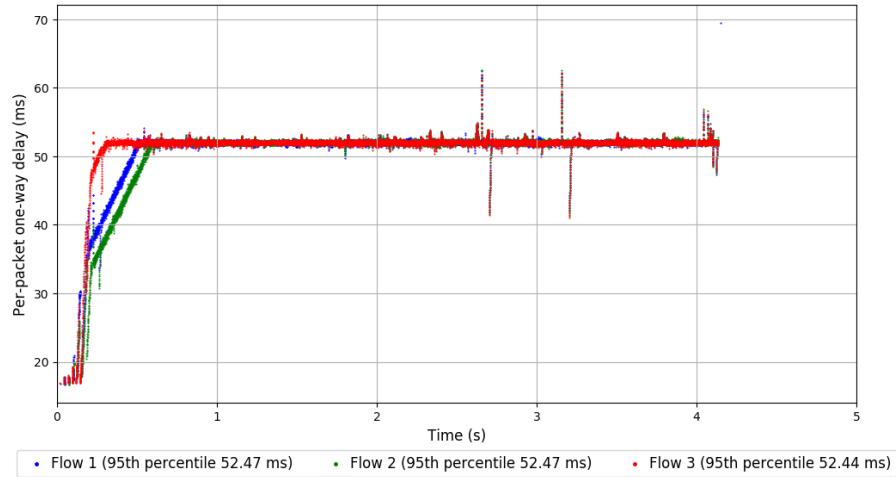
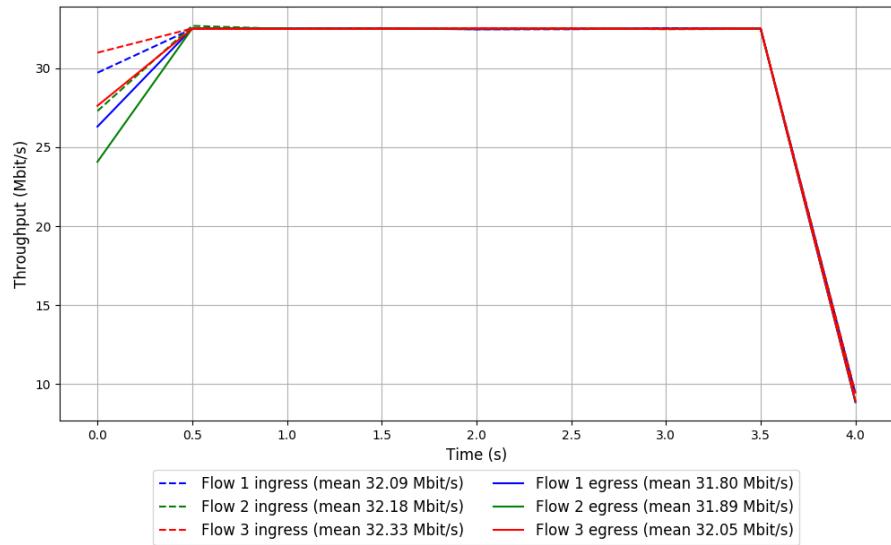
Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sat, 29 Jul 2017 08:03:37 +0000
End at: Sat, 29 Jul 2017 08:04:07 +0000
Local clock offset: 4.878 ms
Remote clock offset: -4.016 ms

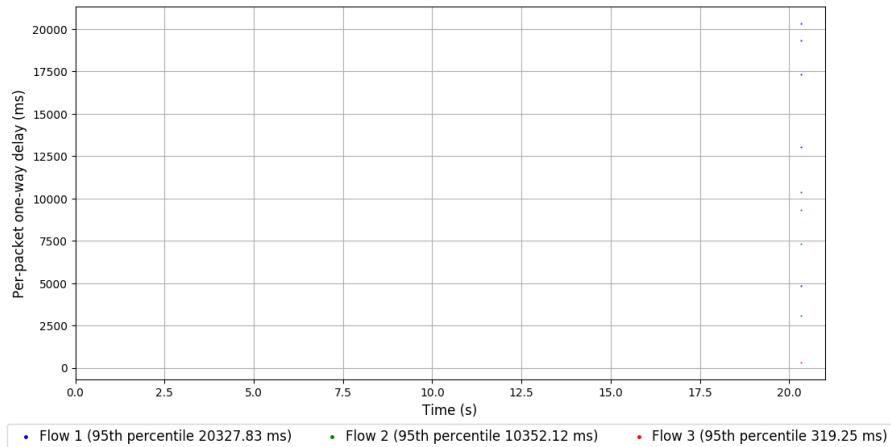
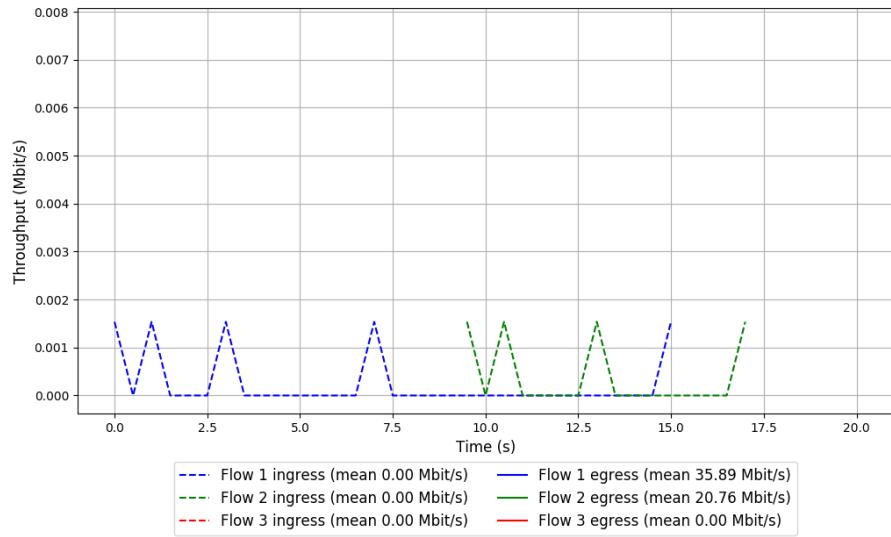
Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sat, 29 Jul 2017 08:22:46 +0000
End at: Sat, 29 Jul 2017 08:23:16 +0000
Local clock offset: 3.863 ms
Remote clock offset: -5.068 ms

Run 3: Report of TCP Cubic — Data Link

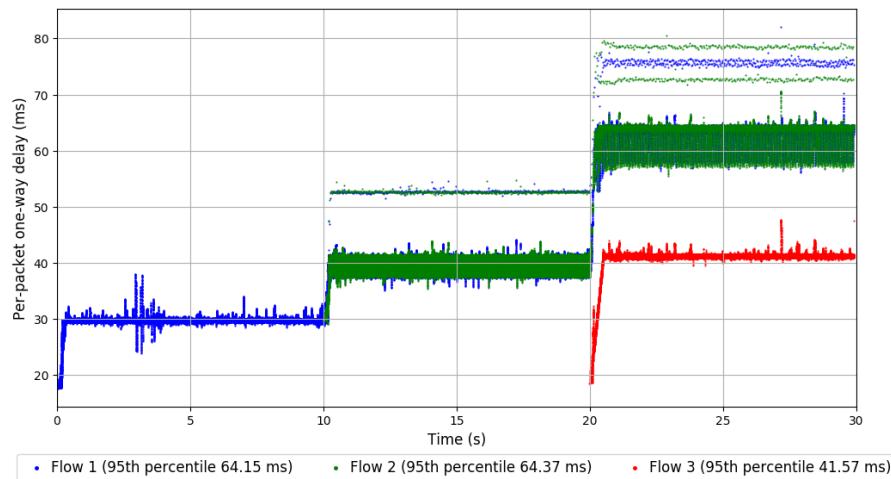
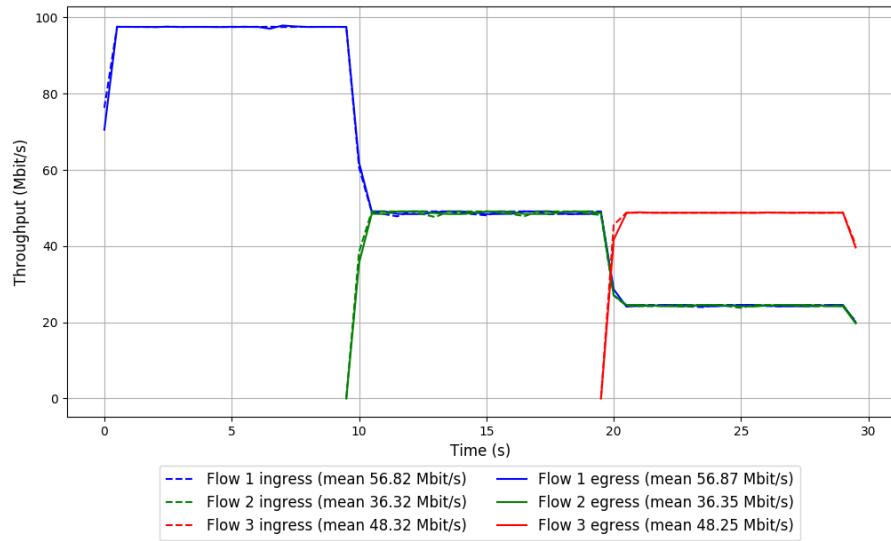


Run 4: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 08:41:57 +0000
End at: Sat, 29 Jul 2017 08:42:27 +0000
Local clock offset: 3.675 ms
Remote clock offset: -5.336 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 64.204 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 64.154 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 64.368 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 41.567 ms
Loss rate: 0.50%
```

Run 4: Report of TCP Cubic — Data Link

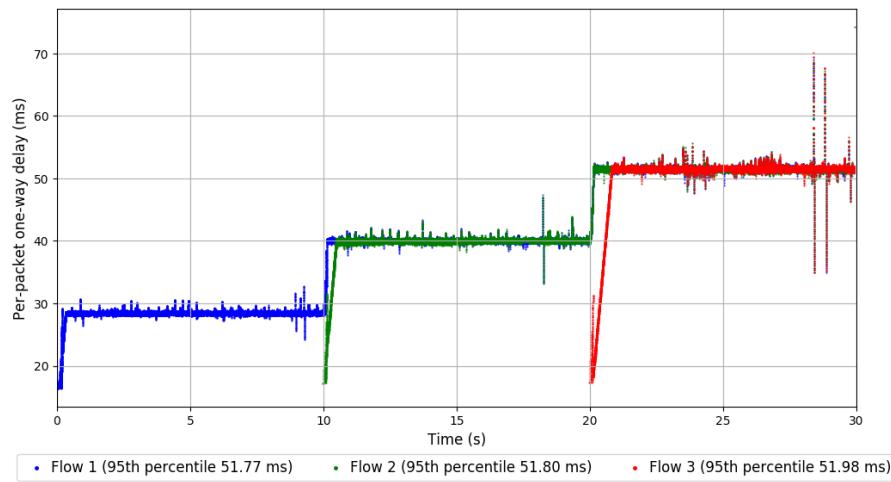
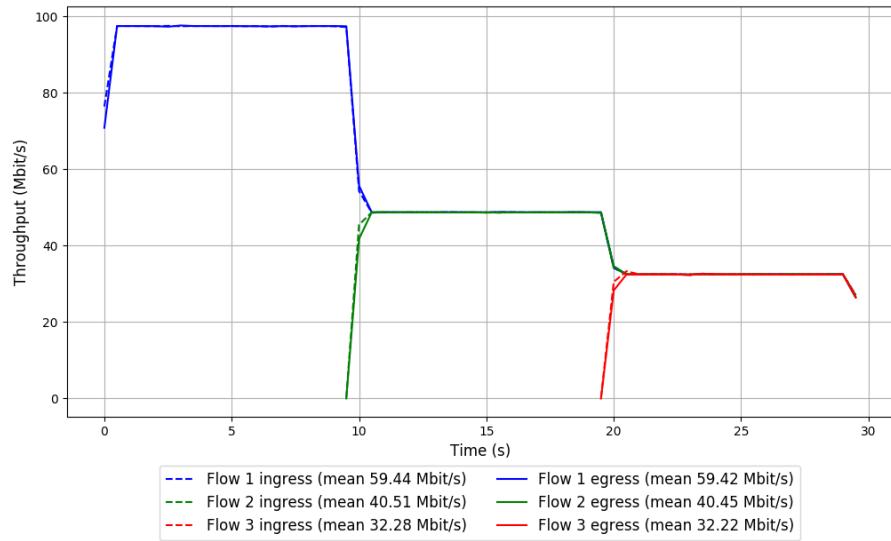


Run 5: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 09:01:16 +0000
End at: Sat, 29 Jul 2017 09:01:47 +0000
Local clock offset: 4.081 ms
Remote clock offset: -3.444 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 51.824 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 51.766 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 51.803 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 51.978 ms
Loss rate: 0.61%
```

Run 5: Report of TCP Cubic — Data Link

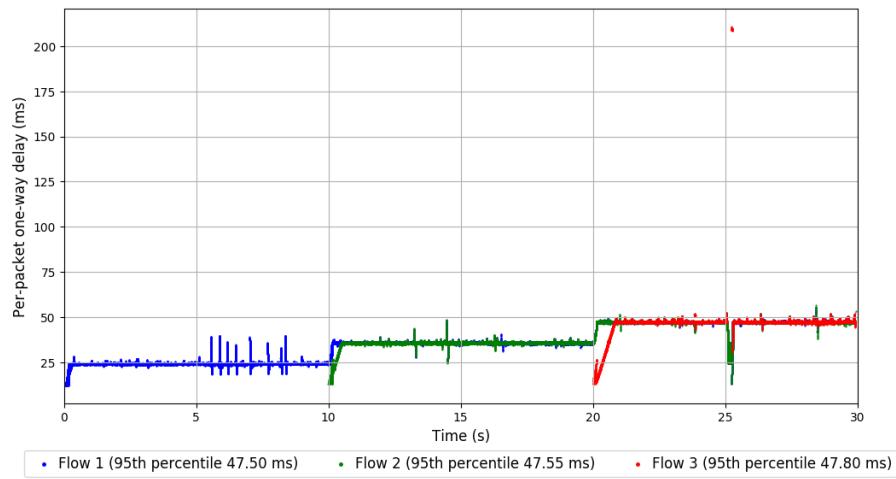
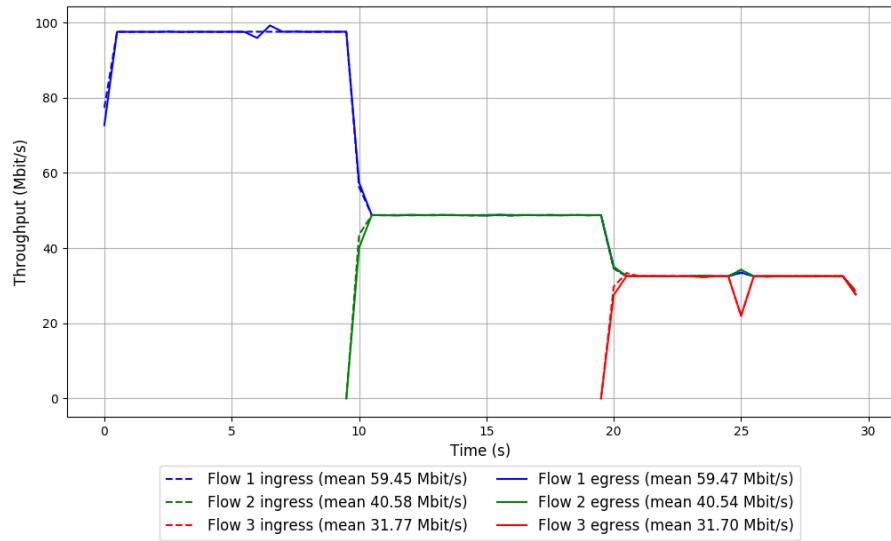


Run 6: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 09:20:27 +0000
End at: Sat, 29 Jul 2017 09:20:57 +0000
Local clock offset: 0.019 ms
Remote clock offset: -3.717 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 47.558 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 47.500 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 47.554 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 47.796 ms
Loss rate: 0.62%
```

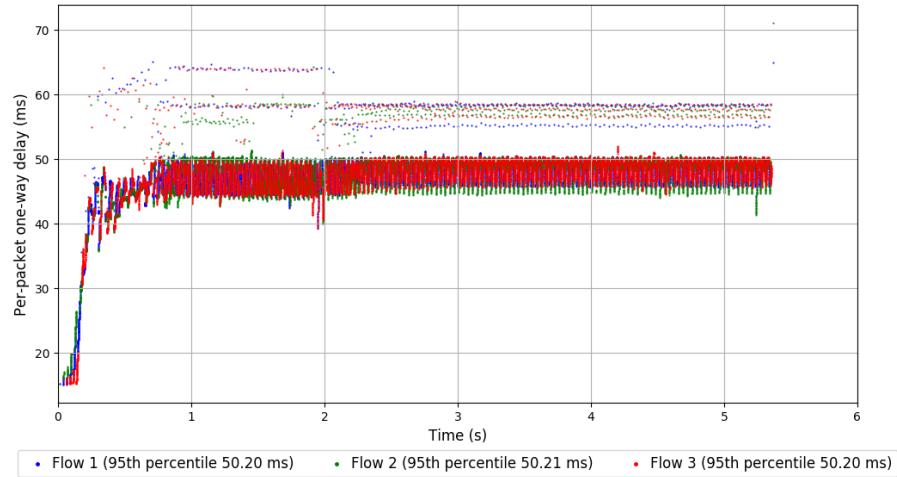
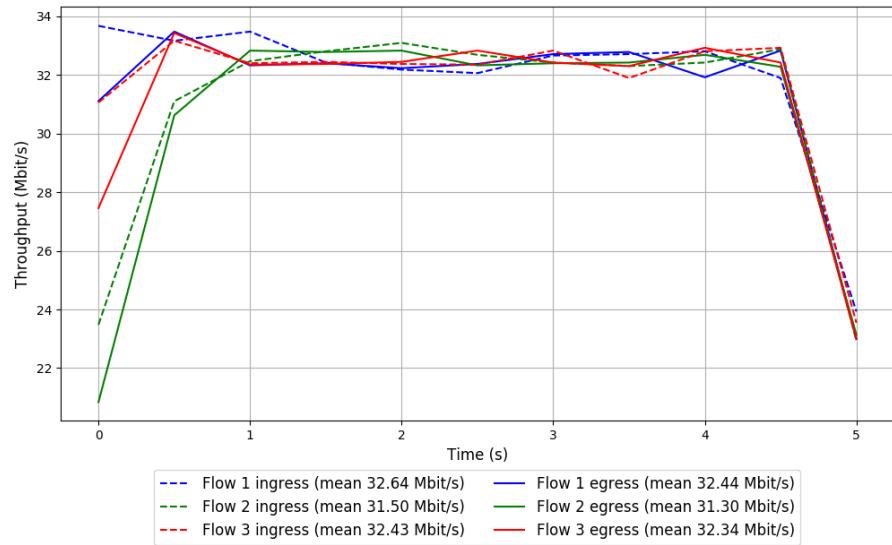
Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sat, 29 Jul 2017 09:39:29 +0000
End at: Sat, 29 Jul 2017 09:39:59 +0000
Local clock offset: 2.401 ms
Remote clock offset: -4.073 ms

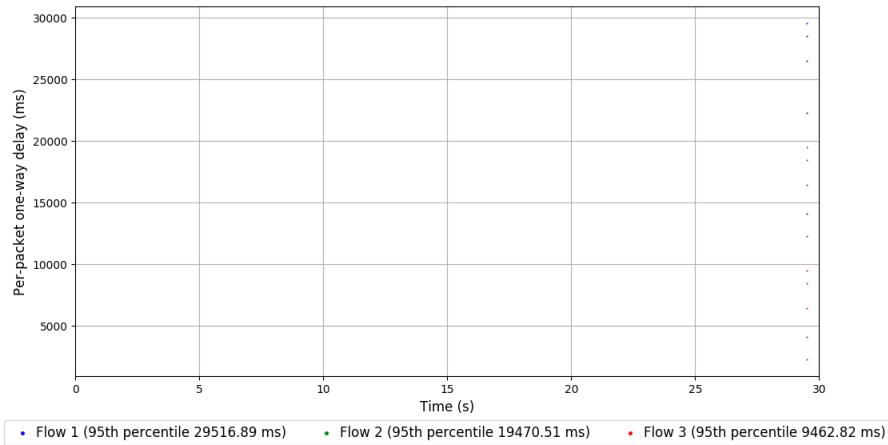
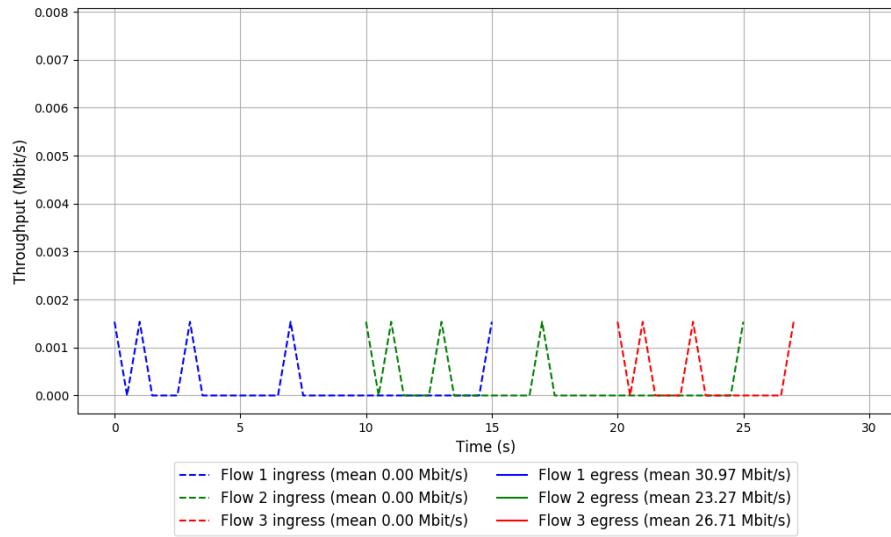
Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sat, 29 Jul 2017 09:58:17 +0000
End at: Sat, 29 Jul 2017 09:58:47 +0000
Local clock offset: 1.93 ms
Remote clock offset: -3.556 ms

Run 8: Report of TCP Cubic — Data Link

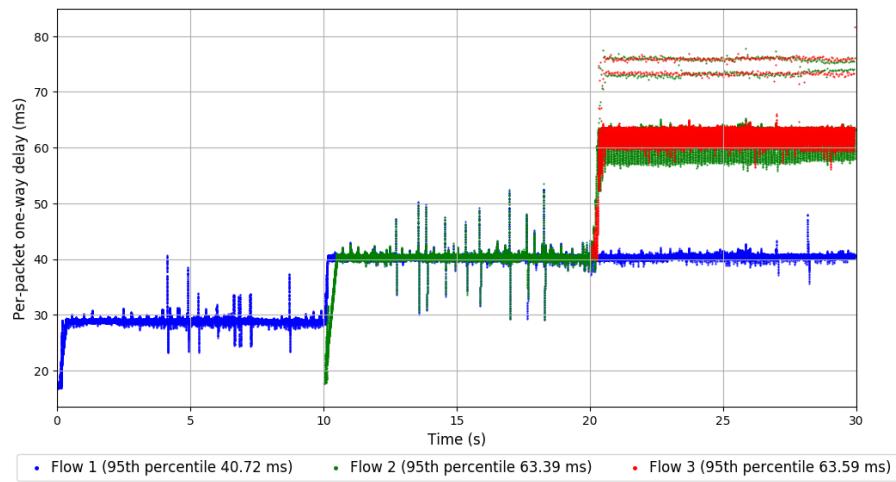
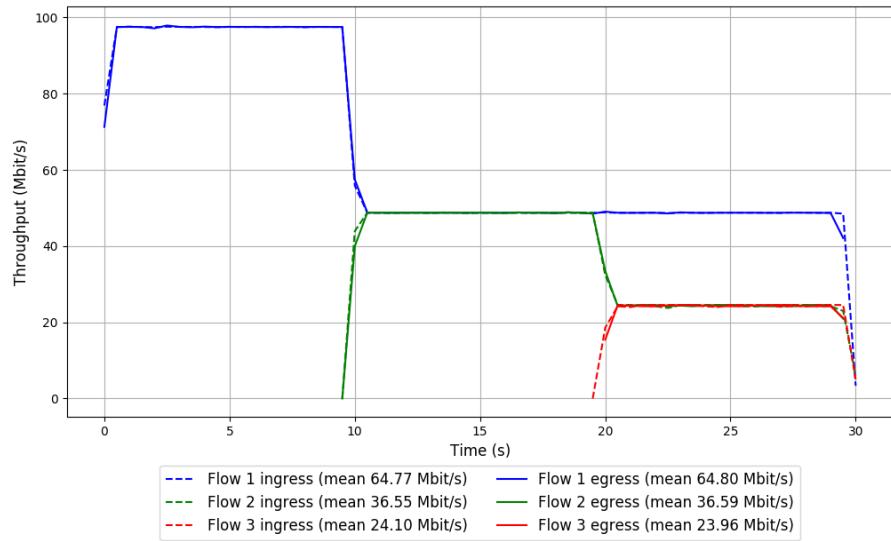


Run 9: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 10:16:55 +0000
End at: Sat, 29 Jul 2017 10:17:25 +0000
Local clock offset: 3.545 ms
Remote clock offset: -4.694 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 63.244 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 64.80 Mbit/s
95th percentile per-packet one-way delay: 40.724 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 36.59 Mbit/s
95th percentile per-packet one-way delay: 63.388 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 63.590 ms
Loss rate: 2.41%
```

Run 9: Report of TCP Cubic — Data Link

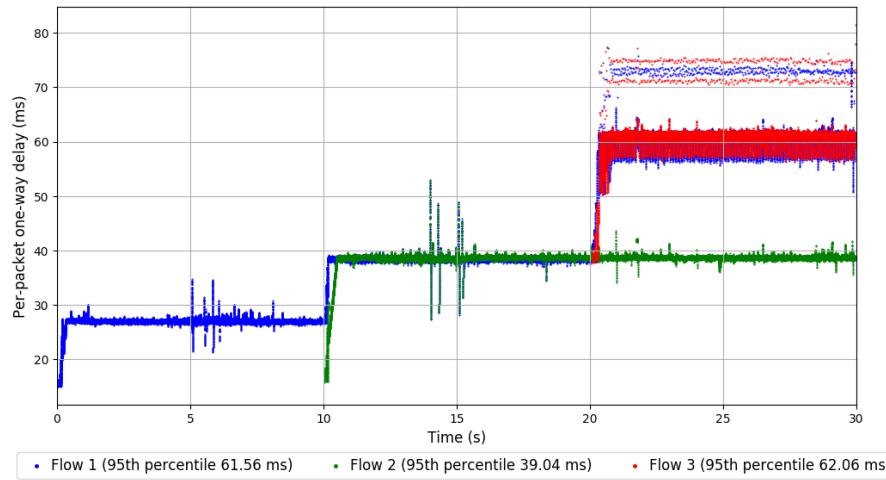
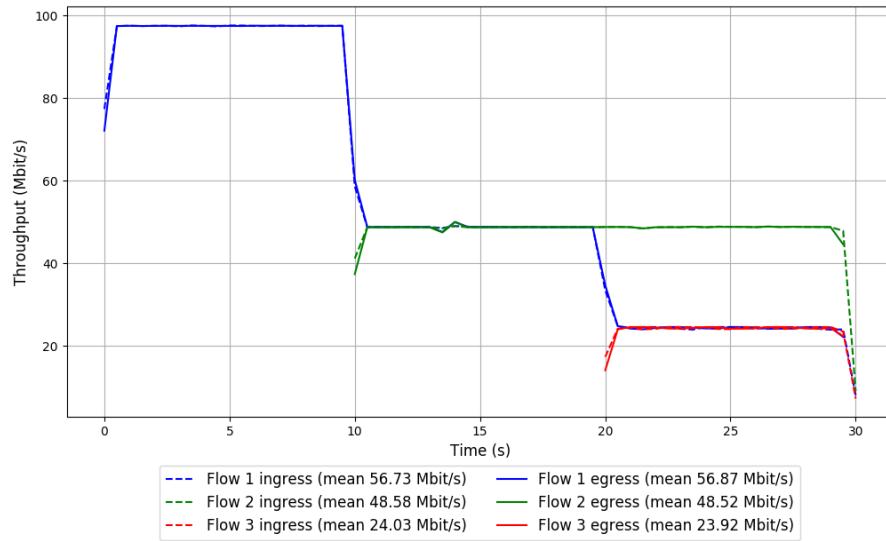


Run 10: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 10:35:55 +0000
End at: Sat, 29 Jul 2017 10:36:25 +0000
Local clock offset: 1.316 ms
Remote clock offset: -5.139 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 61.613 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 61.557 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 39.044 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 62.058 ms
Loss rate: 2.40%
```

Run 10: Report of TCP Cubic — Data Link

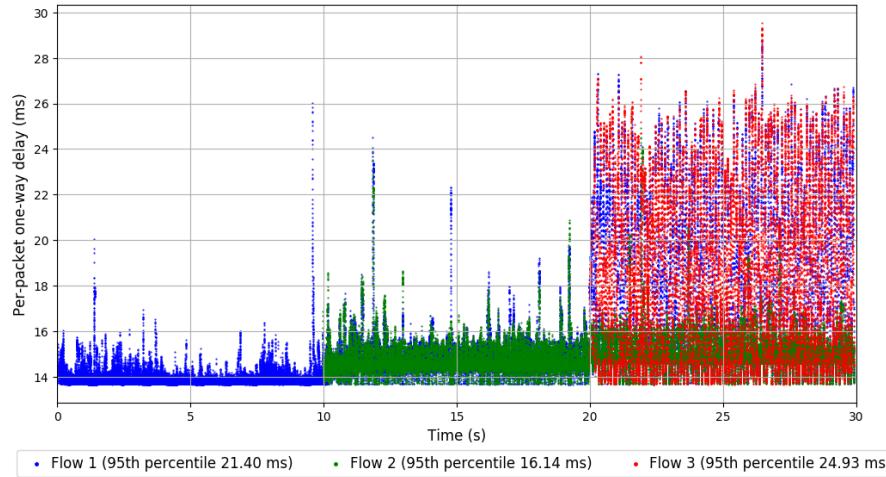
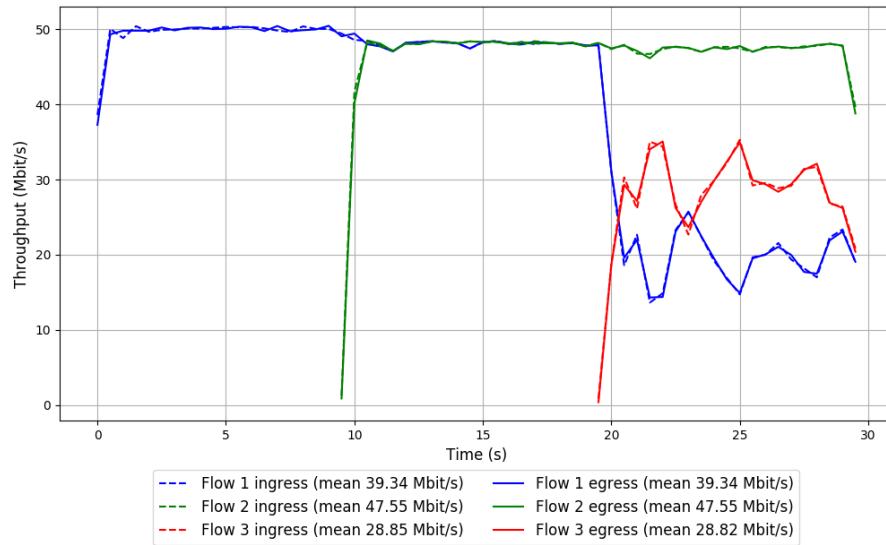


```
Run 1: Statistics of KohoCC
```

```
Start at: Sat, 29 Jul 2017 07:42:59 +0000
End at: Sat, 29 Jul 2017 07:43:29 +0000
Local clock offset: 3.65 ms
Remote clock offset: -3.463 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:33:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 21.939 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.34 Mbit/s
95th percentile per-packet one-way delay: 21.398 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 16.137 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 24.932 ms
Loss rate: 0.25%
```

Run 1: Report of KohoCC — Data Link

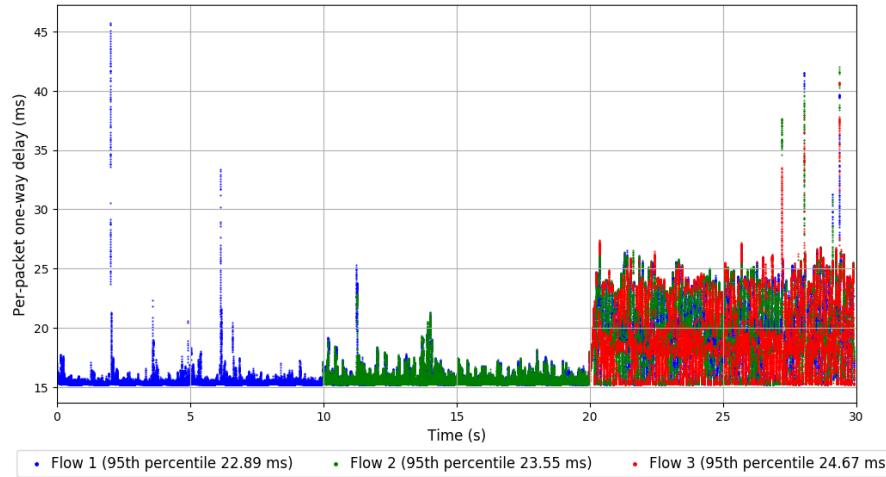
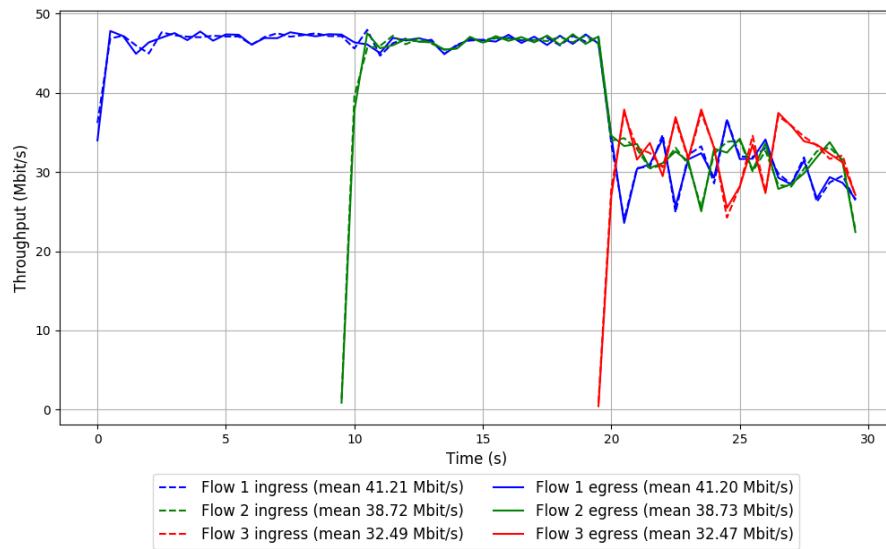


Run 2: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 08:02:18 +0000
End at: Sat, 29 Jul 2017 08:02:48 +0000
Local clock offset: 4.056 ms
Remote clock offset: -3.239 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 23.691 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 41.20 Mbit/s
95th percentile per-packet one-way delay: 22.892 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 23.555 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 24.666 ms
Loss rate: 0.25%
```

Run 2: Report of KohoCC — Data Link

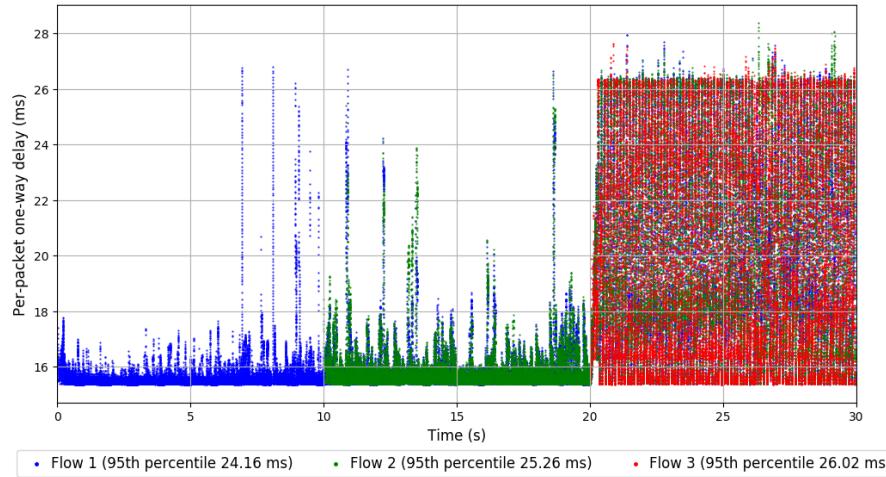
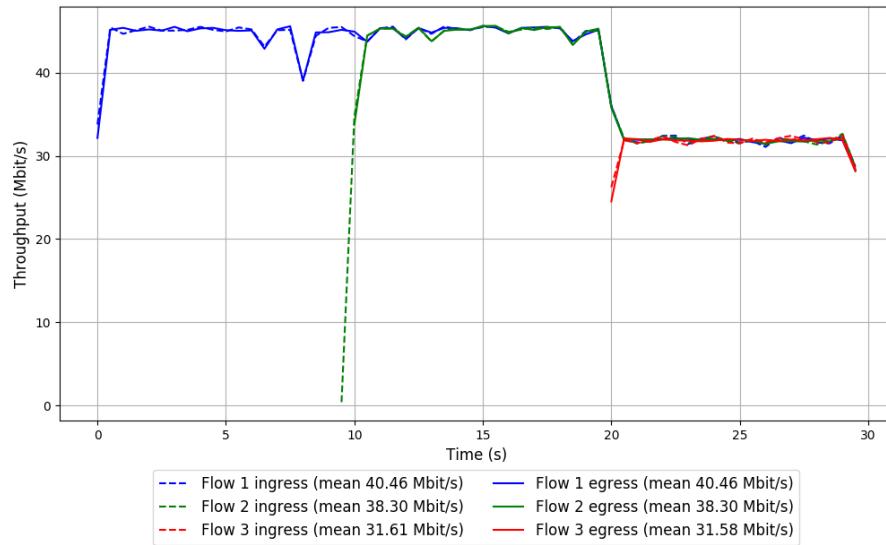


Run 3: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 08:21:23 +0000
End at: Sat, 29 Jul 2017 08:21:53 +0000
Local clock offset: 1.447 ms
Remote clock offset: -5.138 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.44 Mbit/s
95th percentile per-packet one-way delay: 25.161 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 24.161 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 25.257 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 26.021 ms
Loss rate: 0.28%
```

Run 3: Report of KohoCC — Data Link

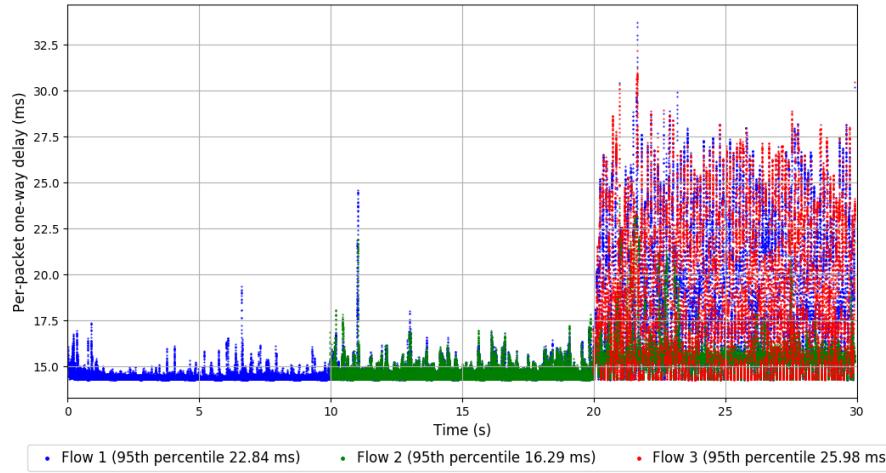
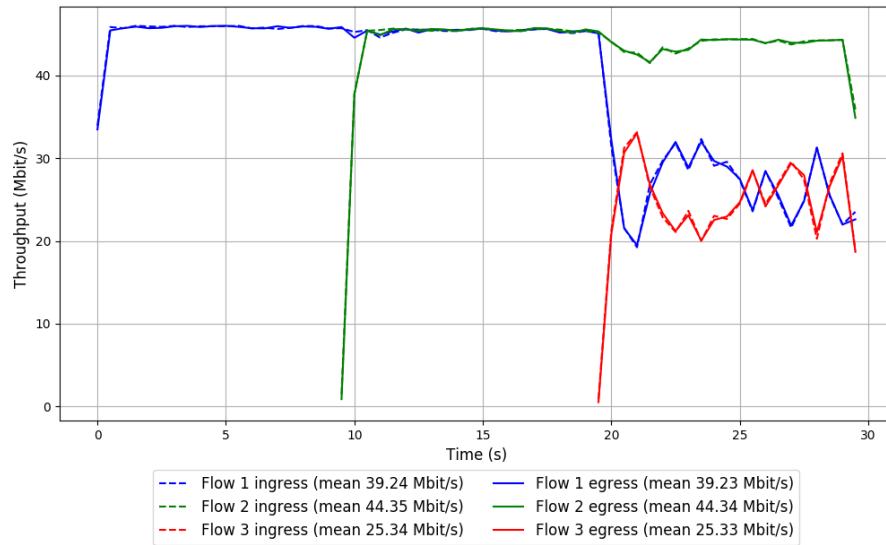


Run 4: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 08:40:39 +0000
End at: Sat, 29 Jul 2017 08:41:09 +0000
Local clock offset: 0.344 ms
Remote clock offset: -5.267 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 22.908 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 22.844 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 16.289 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 25.33 Mbit/s
95th percentile per-packet one-way delay: 25.980 ms
Loss rate: 0.25%
```

Run 4: Report of KohoCC — Data Link

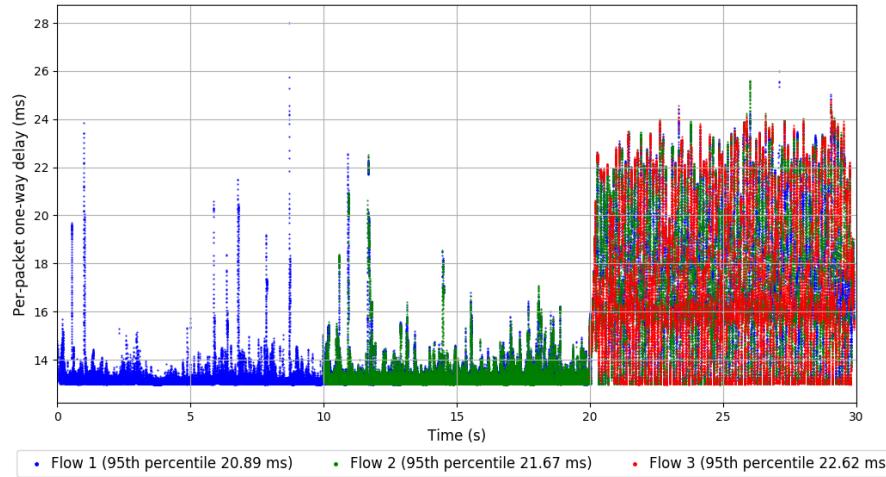
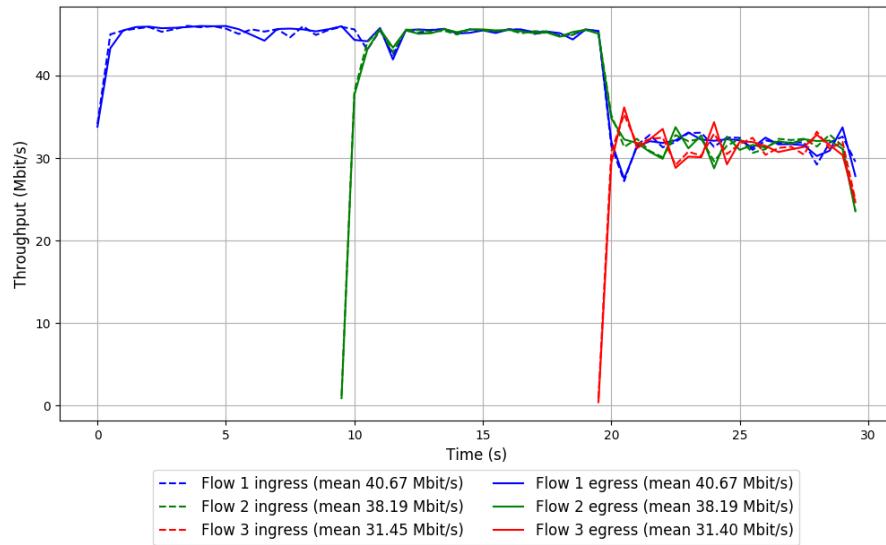


Run 5: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 08:59:59 +0000
End at: Sat, 29 Jul 2017 09:00:29 +0000
Local clock offset: 1.056 ms
Remote clock offset: -3.093 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.57 Mbit/s
95th percentile per-packet one-way delay: 21.734 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 20.891 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: 21.672 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.40 Mbit/s
95th percentile per-packet one-way delay: 22.619 ms
Loss rate: 0.36%
```

Run 5: Report of KohoCC — Data Link

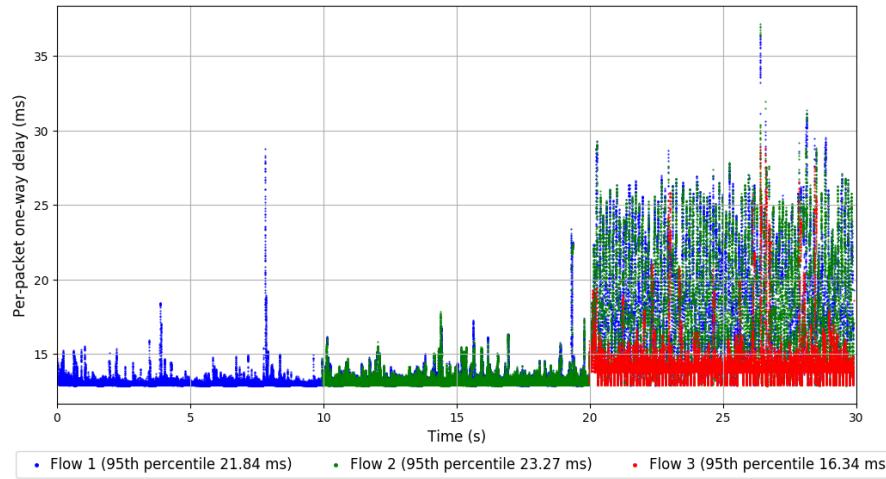
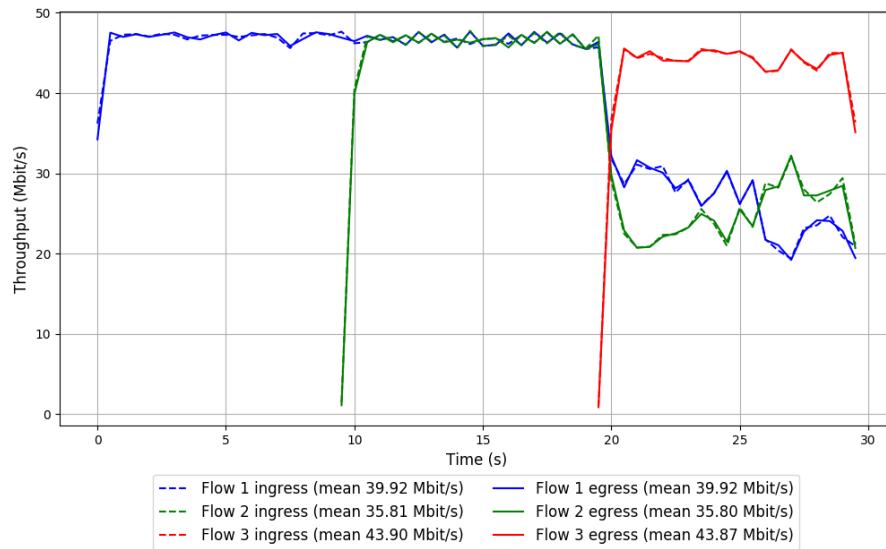


Run 6: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 09:19:08 +0000
End at: Sat, 29 Jul 2017 09:19:38 +0000
Local clock offset: 0.418 ms
Remote clock offset: -4.121 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 21.983 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 23.274 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 43.87 Mbit/s
95th percentile per-packet one-way delay: 16.338 ms
Loss rate: 0.27%
```

Run 6: Report of KohoCC — Data Link

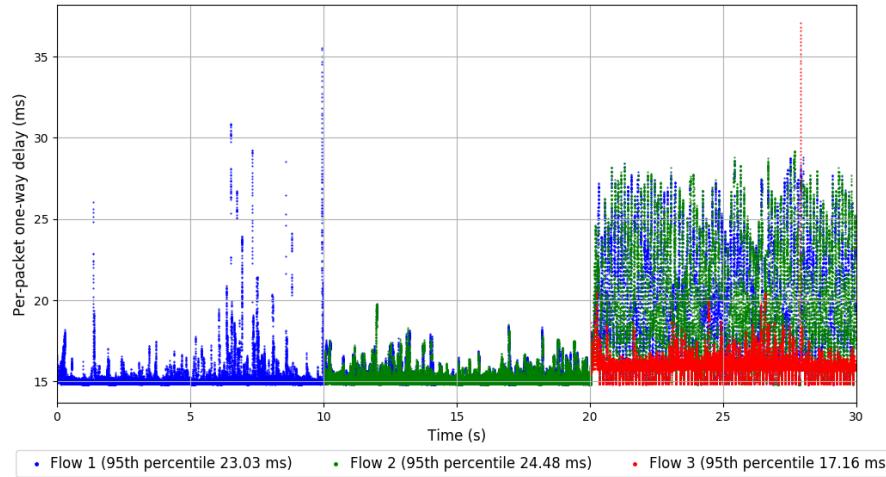
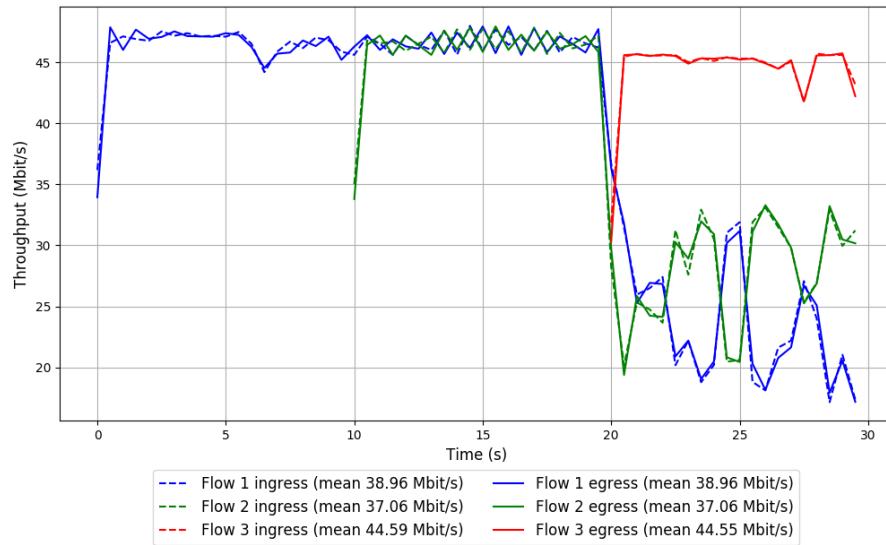


Run 7: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 09:38:09 +0000
End at: Sat, 29 Jul 2017 09:38:39 +0000
Local clock offset: 2.276 ms
Remote clock offset: -3.834 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 23.193 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 23.032 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 24.476 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 44.55 Mbit/s
95th percentile per-packet one-way delay: 17.160 ms
Loss rate: 0.28%
```

Run 7: Report of KohoCC — Data Link

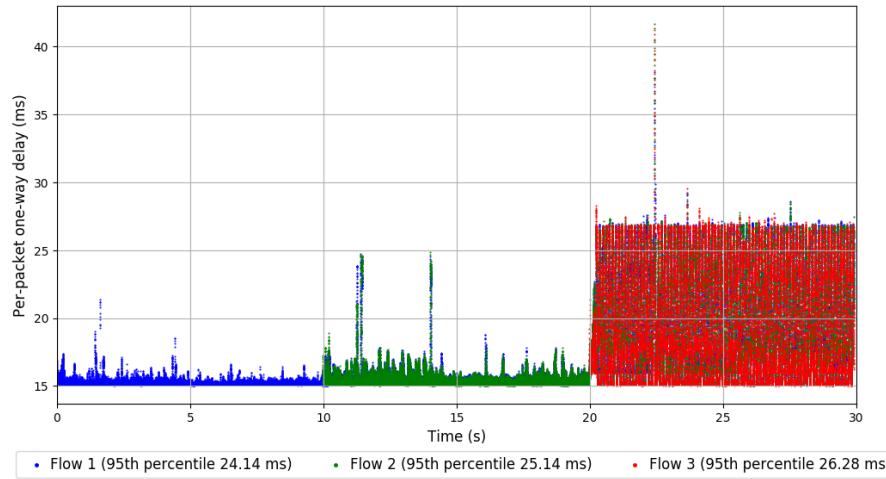
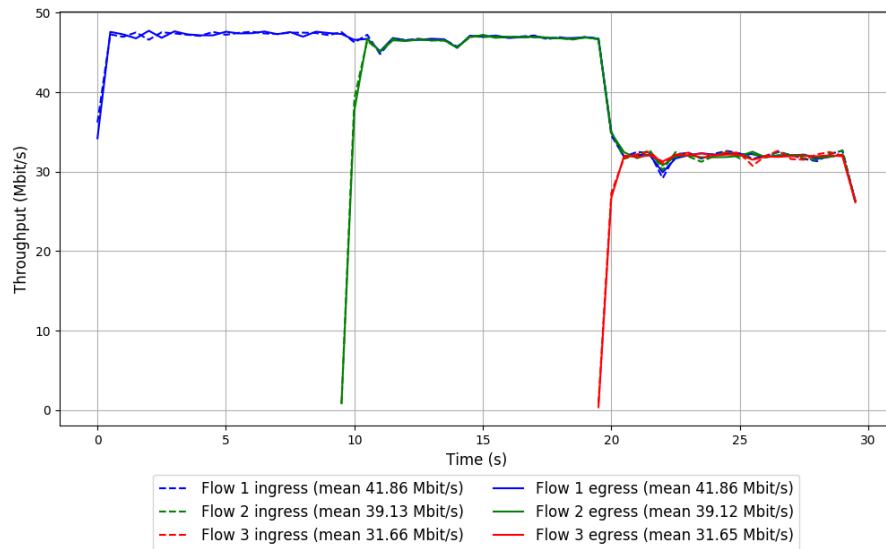


Run 8: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 09:56:58 +0000
End at: Sat, 29 Jul 2017 09:57:28 +0000
Local clock offset: 2.658 ms
Remote clock offset: -3.642 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.47 Mbit/s
95th percentile per-packet one-way delay: 25.178 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 24.139 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 25.144 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 26.282 ms
Loss rate: 0.26%
```

Run 8: Report of KohoCC — Data Link

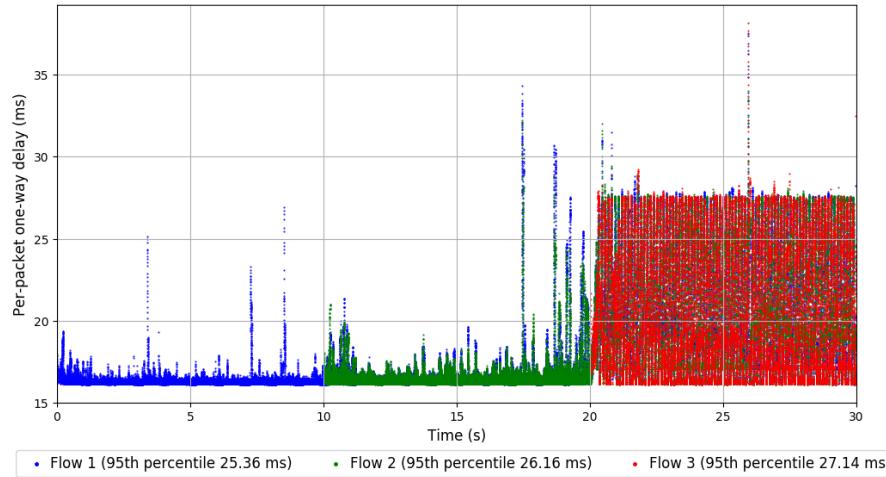
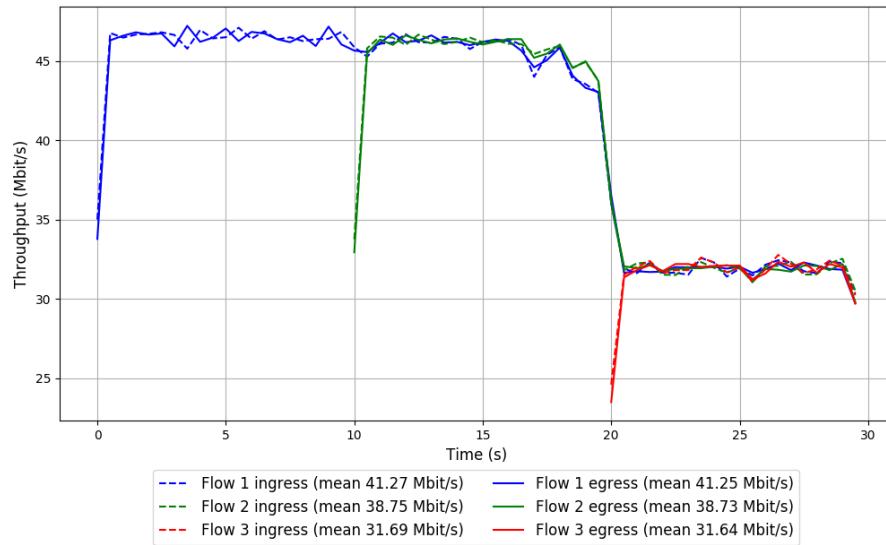


Run 9: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 10:15:41 +0000
End at: Sat, 29 Jul 2017 10:16:11 +0000
Local clock offset: 3.119 ms
Remote clock offset: -4.423 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.52 Mbit/s
95th percentile per-packet one-way delay: 26.243 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 41.25 Mbit/s
95th percentile per-packet one-way delay: 25.362 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 26.156 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 27.143 ms
Loss rate: 0.35%
```

Run 9: Report of KohoCC — Data Link

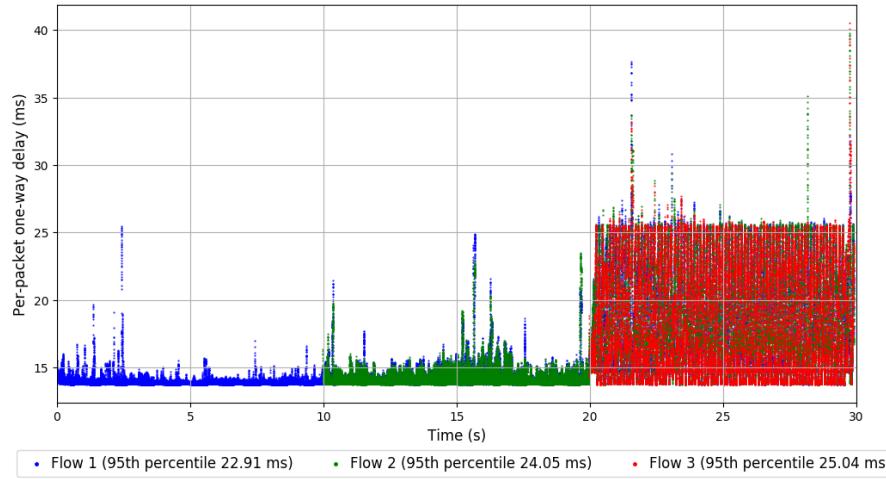
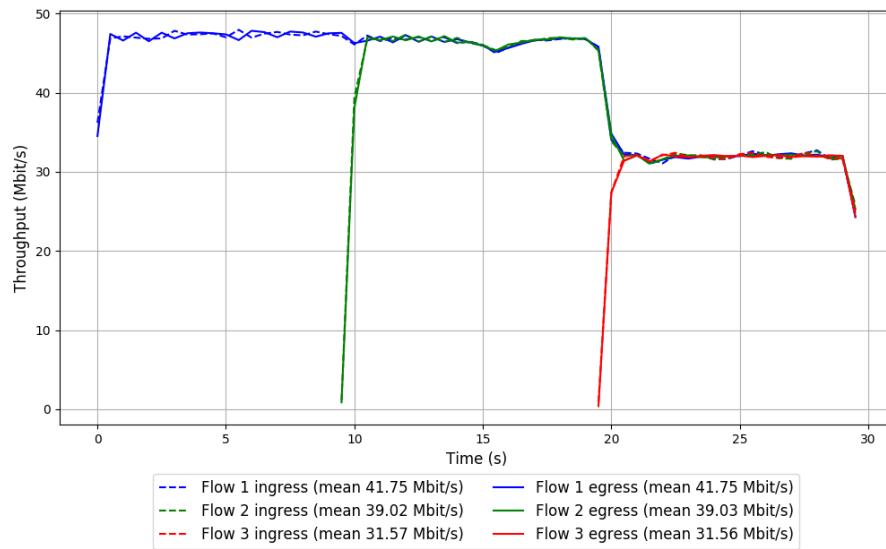


Run 10: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 10:34:40 +0000
End at: Sat, 29 Jul 2017 10:35:10 +0000
Local clock offset: 0.501 ms
Remote clock offset: -4.618 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.27 Mbit/s
95th percentile per-packet one-way delay: 23.955 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 22.912 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 24.054 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 25.040 ms
Loss rate: 0.25%
```

Run 10: Report of KohoCC — Data Link

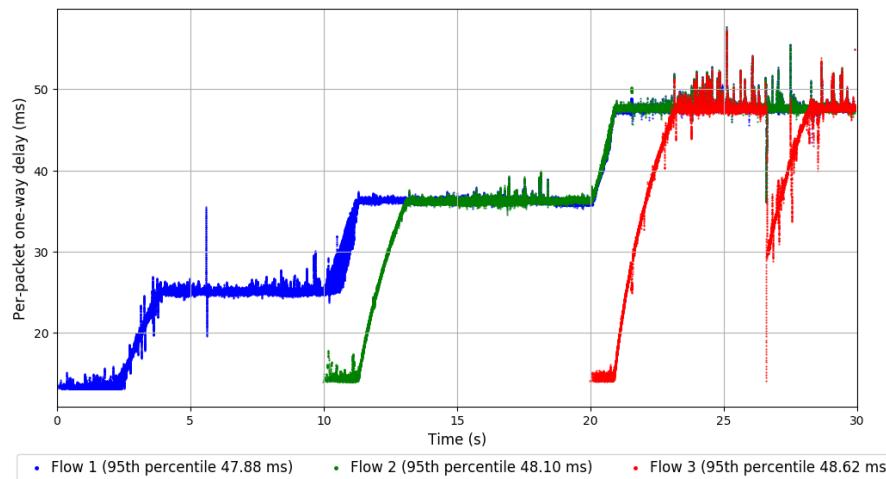
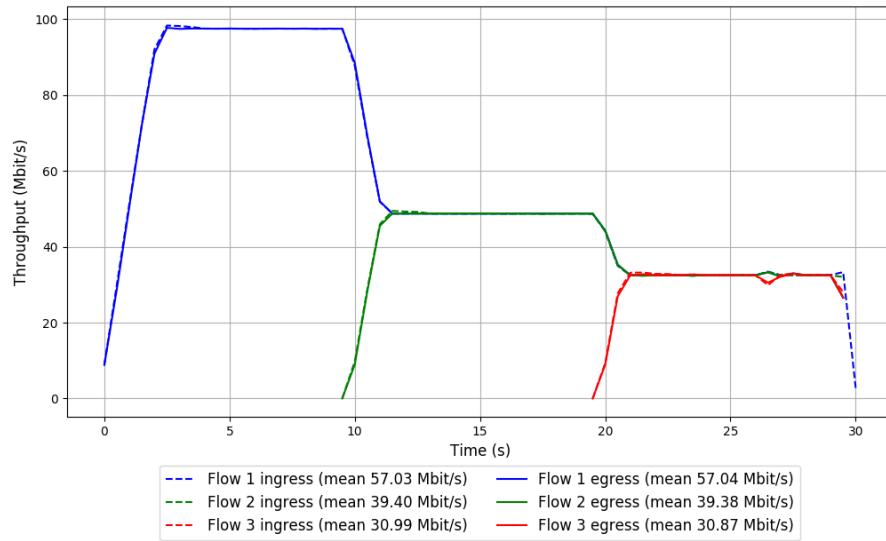


Run 1: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 07:36:24 +0000
End at: Sat, 29 Jul 2017 07:36:54 +0000
Local clock offset: 3.106 ms
Remote clock offset: -3.561 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 47.955 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 57.04 Mbit/s
95th percentile per-packet one-way delay: 47.879 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 48.104 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 48.625 ms
Loss rate: 0.75%
```

Run 1: Report of LEDBAT — Data Link

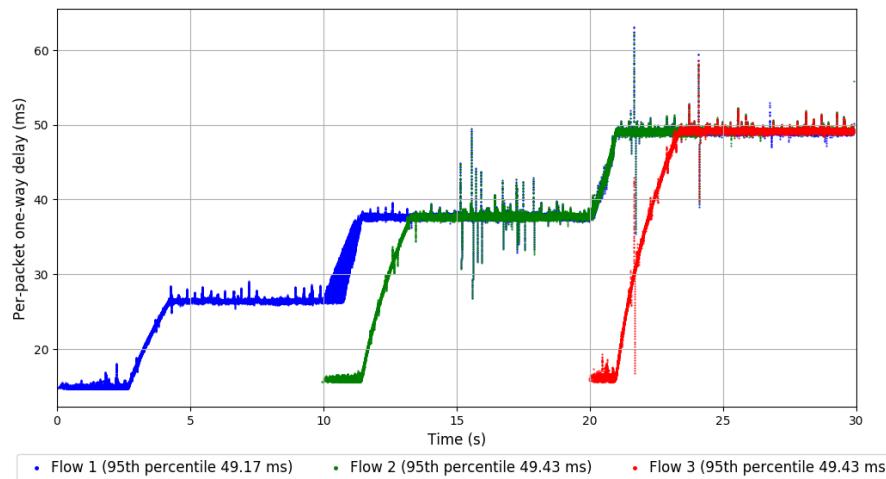
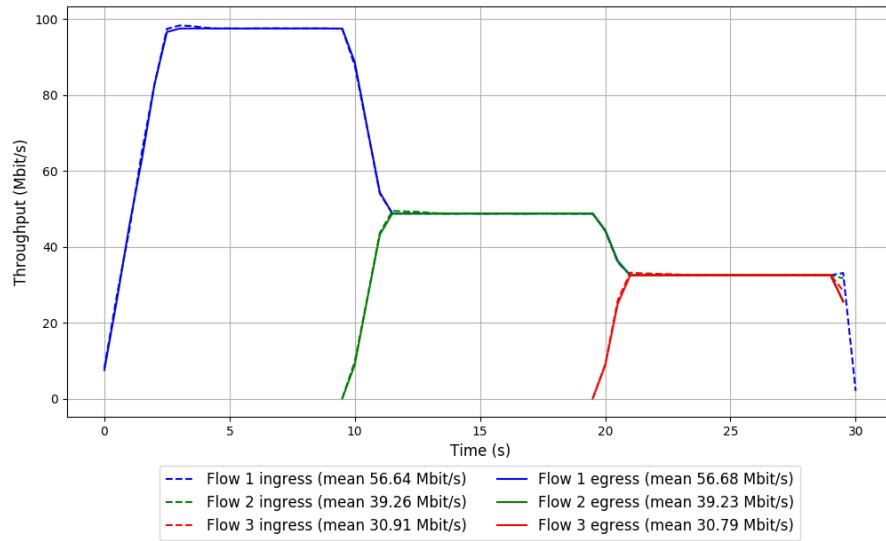


Run 2: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 07:55:44 +0000
End at: Sat, 29 Jul 2017 07:56:14 +0000
Local clock offset: 3.288 ms
Remote clock offset: -3.524 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:34:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 49.362 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 49.429 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 49.426 ms
Loss rate: 0.98%
```

Run 2: Report of LEDBAT — Data Link

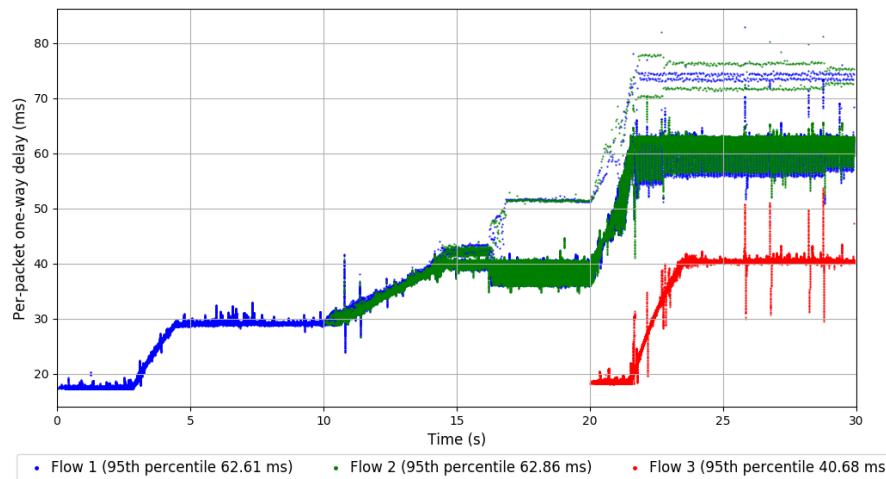
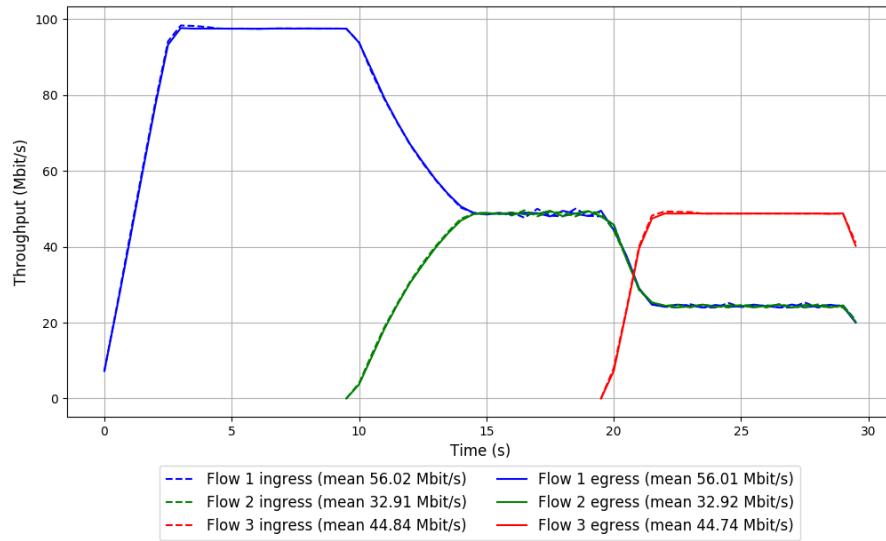


Run 3: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 08:14:38 +0000
End at: Sat, 29 Jul 2017 08:15:08 +0000
Local clock offset: 3.436 ms
Remote clock offset: -5.062 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.80 Mbit/s
95th percentile per-packet one-way delay: 62.676 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 62.611 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 32.92 Mbit/s
95th percentile per-packet one-way delay: 62.858 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 40.679 ms
Loss rate: 0.54%
```

Run 3: Report of LEDBAT — Data Link

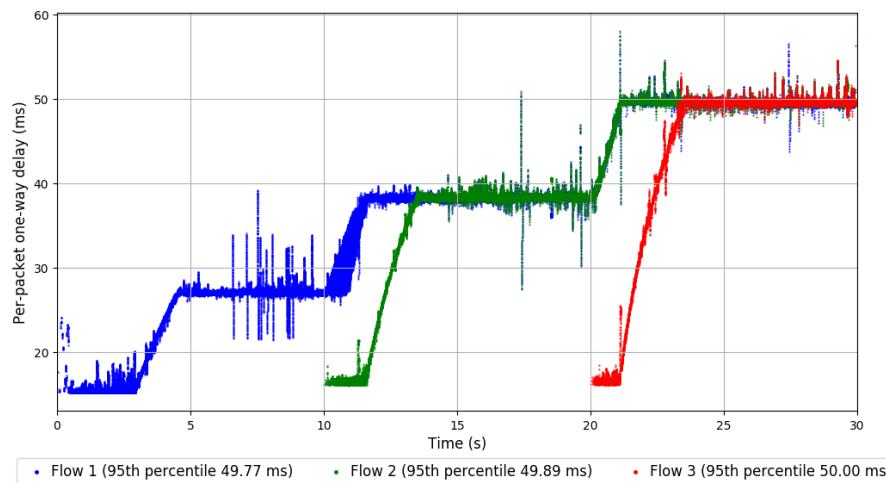
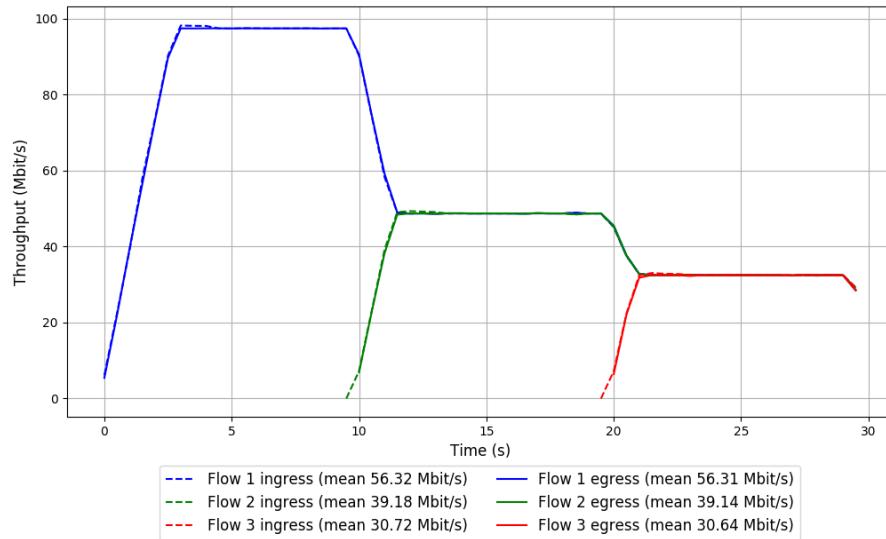


Run 4: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 08:33:53 +0000
End at: Sat, 29 Jul 2017 08:34:23 +0000
Local clock offset: 0.699 ms
Remote clock offset: -5.705 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 49.767 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 49.889 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 49.997 ms
Loss rate: 0.64%
```

Run 4: Report of LEDBAT — Data Link

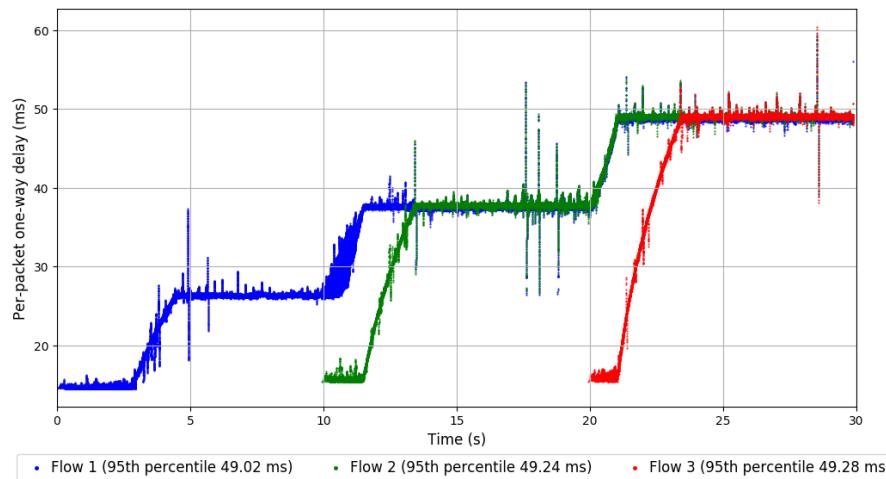
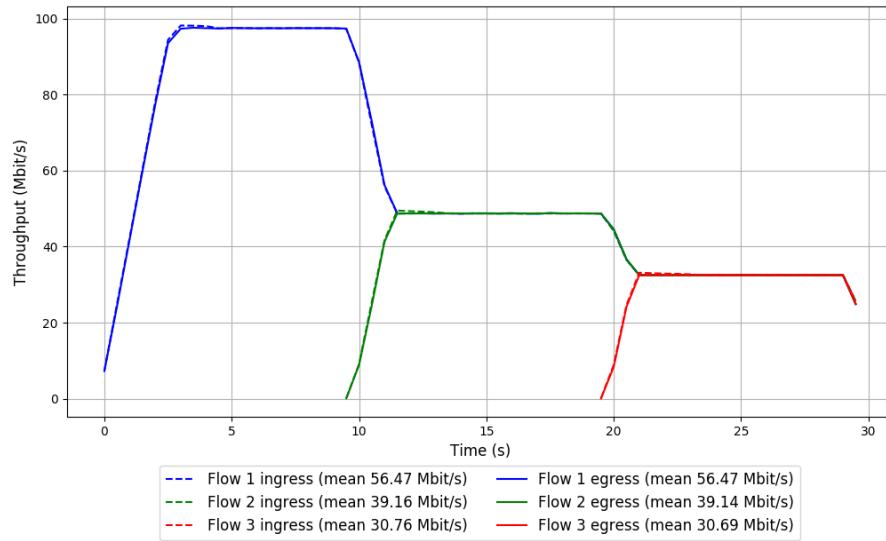


Run 5: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 08:53:26 +0000
End at: Sat, 29 Jul 2017 08:53:56 +0000
Local clock offset: 1.501 ms
Remote clock offset: -4.226 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 49.195 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 49.017 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 49.245 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 49.285 ms
Loss rate: 0.64%
```

Run 5: Report of LEDBAT — Data Link

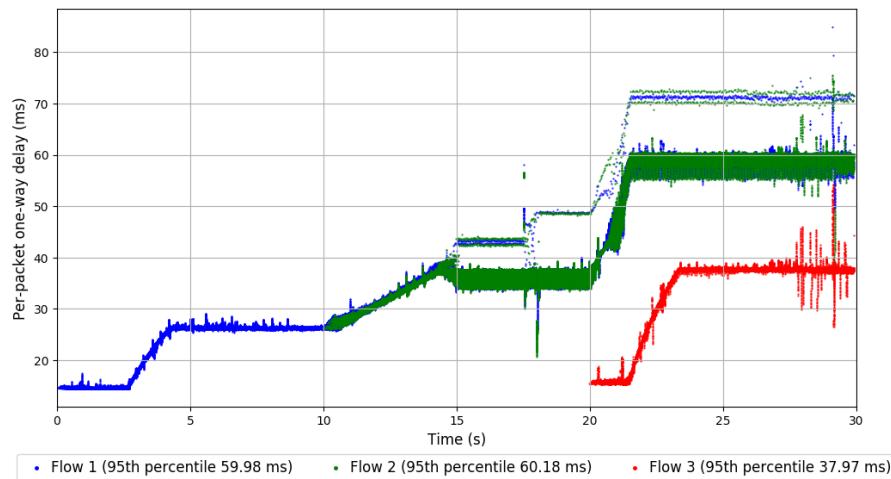
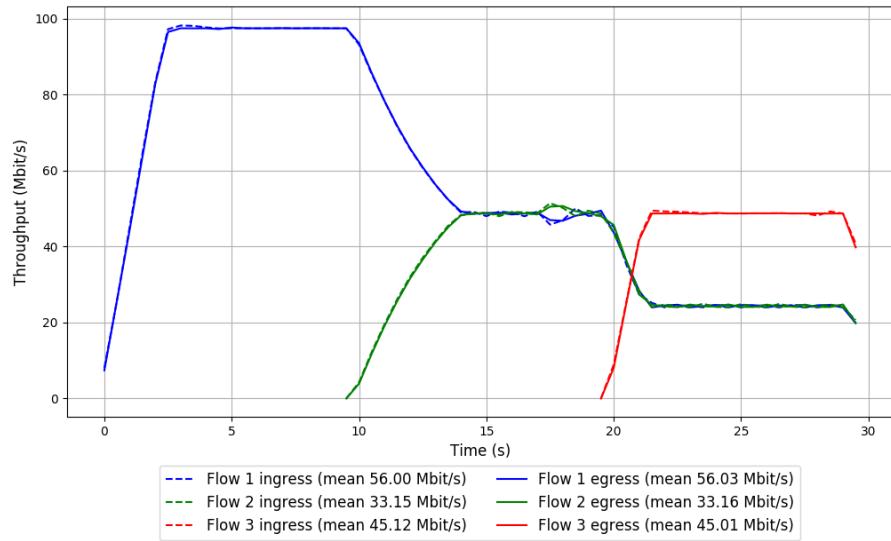


Run 6: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 09:12:32 +0000
End at: Sat, 29 Jul 2017 09:13:02 +0000
Local clock offset: 2.637 ms
Remote clock offset: -3.517 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 60.038 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.03 Mbit/s
95th percentile per-packet one-way delay: 59.976 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 60.176 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 37.973 ms
Loss rate: 0.52%
```

Run 6: Report of LEDBAT — Data Link

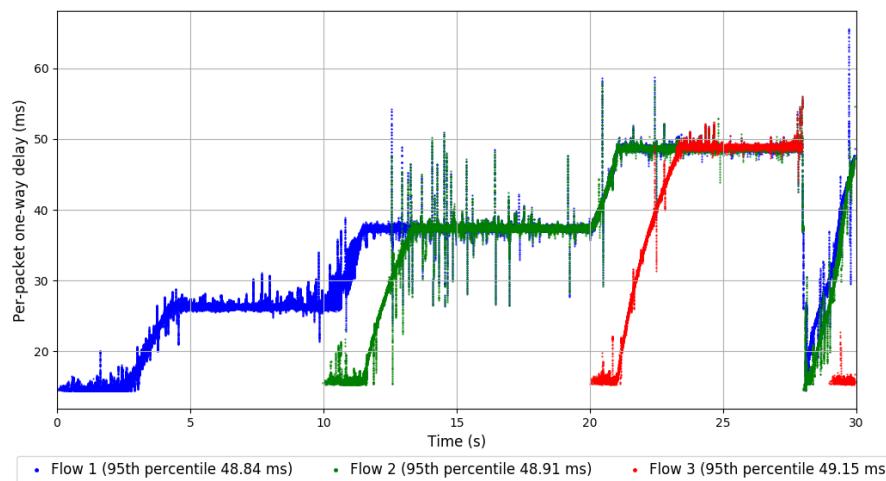
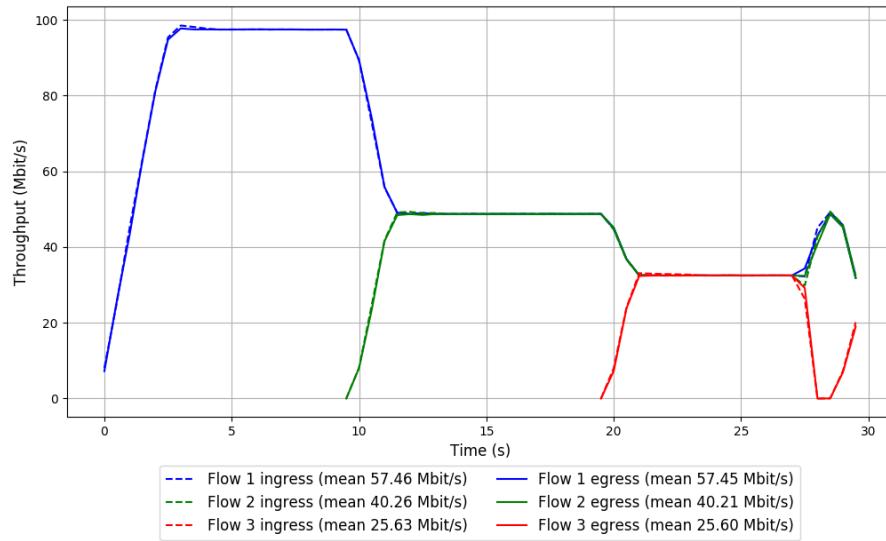


Run 7: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 09:31:33 +0000
End at: Sat, 29 Jul 2017 09:32:03 +0000
Local clock offset: 1.874 ms
Remote clock offset: -3.76 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 48.983 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 48.839 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 48.915 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 49.145 ms
Loss rate: 0.36%
```

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sat, 29 Jul 2017 09:50:33 +0000
End at: Sat, 29 Jul 2017 09:51:03 +0000
Local clock offset: 0.676 ms
Remote clock offset: -3.279 ms

Run 8: Report of LEDBAT — Data Link

Figure is missing

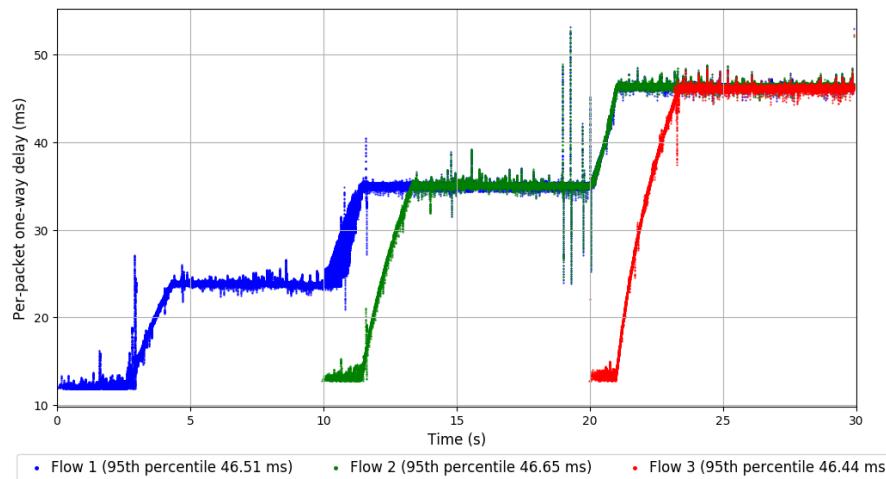
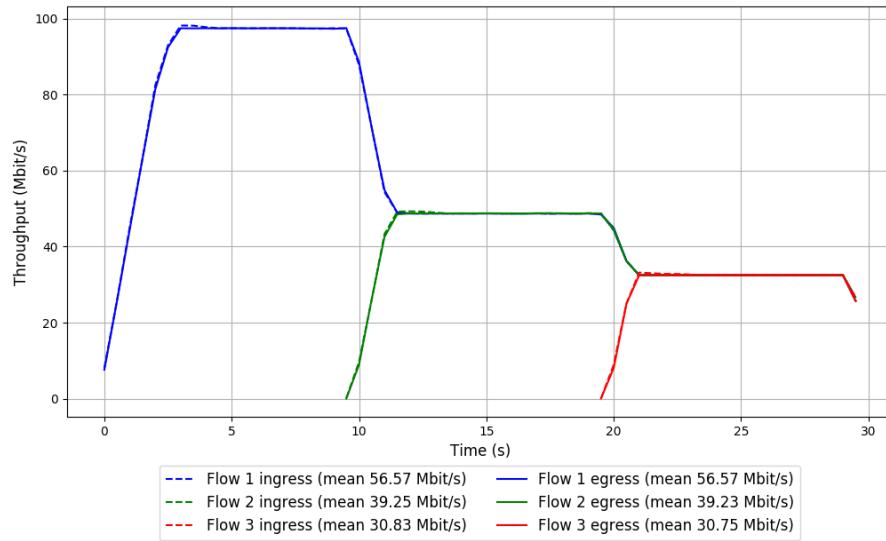
Figure is missing

Run 9: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 10:09:17 +0000
End at: Sat, 29 Jul 2017 10:09:47 +0000
Local clock offset: 0.464 ms
Remote clock offset: -2.814 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 46.583 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 46.514 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 46.649 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.75 Mbit/s
95th percentile per-packet one-way delay: 46.439 ms
Loss rate: 0.63%
```

Run 9: Report of LEDBAT — Data Link

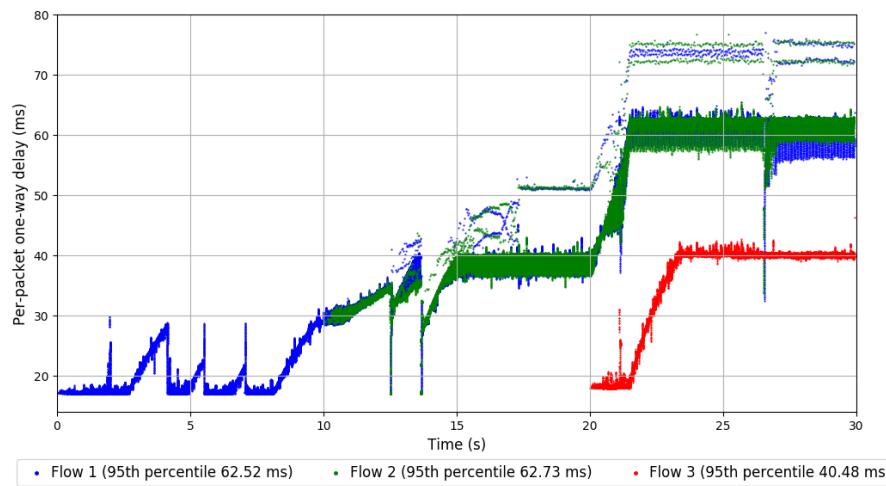
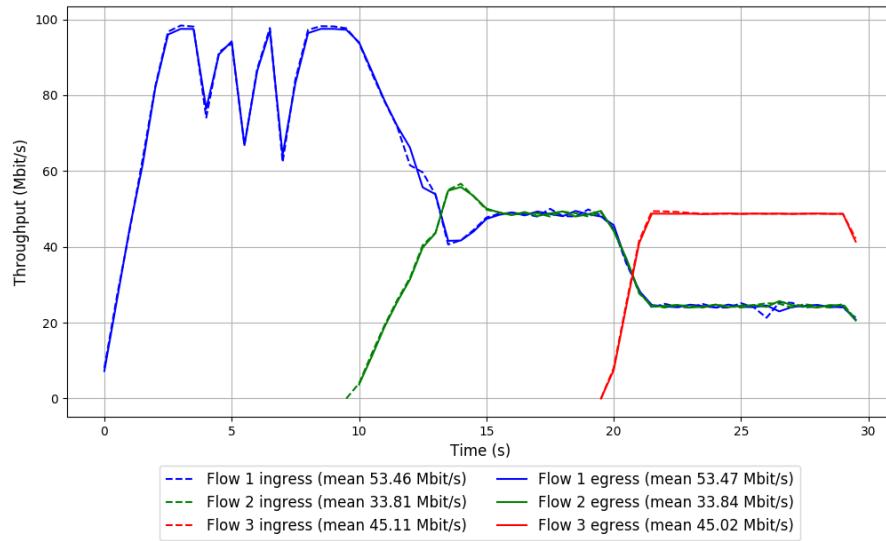


Run 10: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 10:28:09 +0000
End at: Sat, 29 Jul 2017 10:28:39 +0000
Local clock offset: 3.468 ms
Remote clock offset: -5.007 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 62.578 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 53.47 Mbit/s
95th percentile per-packet one-way delay: 62.517 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 62.733 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 45.02 Mbit/s
95th percentile per-packet one-way delay: 40.479 ms
Loss rate: 0.52%
```

Run 10: Report of LEDBAT — Data Link

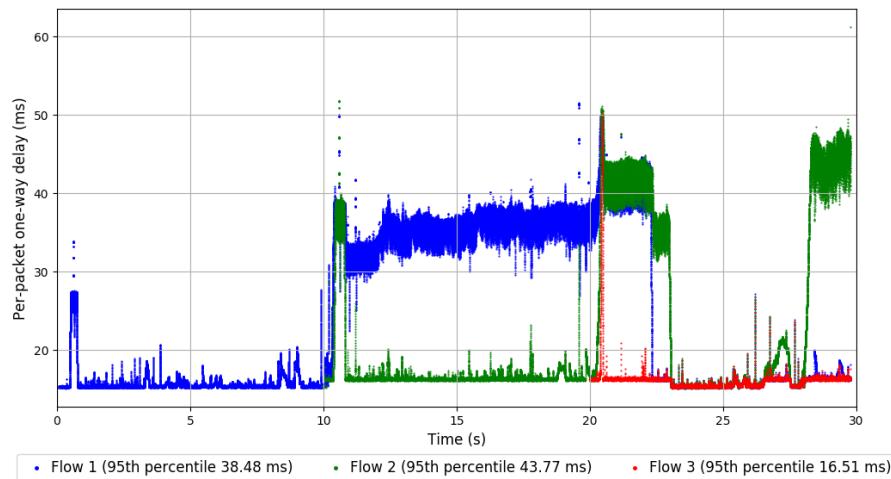
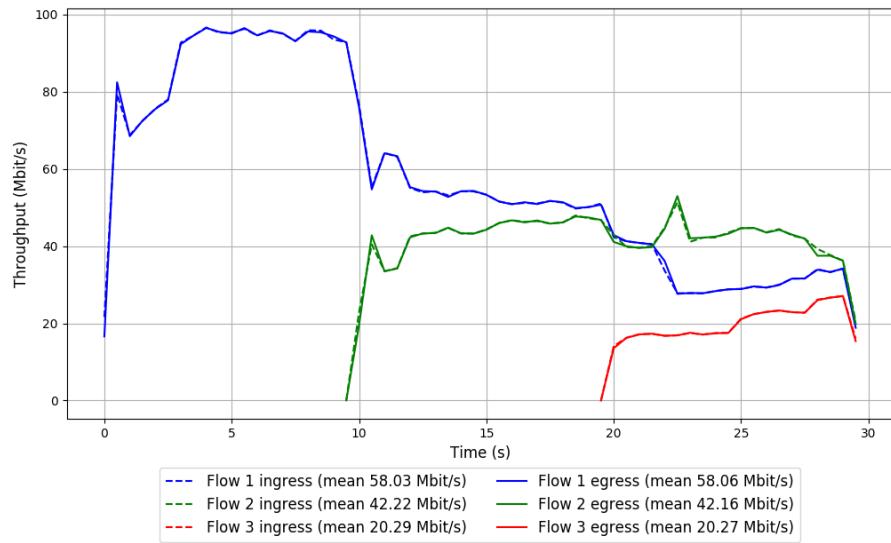


Run 1: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 07:49:22 +0000
End at: Sat, 29 Jul 2017 07:49:52 +0000
Local clock offset: 3.878 ms
Remote clock offset: -3.349 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 41.442 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 38.480 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.16 Mbit/s
95th percentile per-packet one-way delay: 43.775 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 16.514 ms
Loss rate: 0.39%
```

Run 1: Report of PCC — Data Link

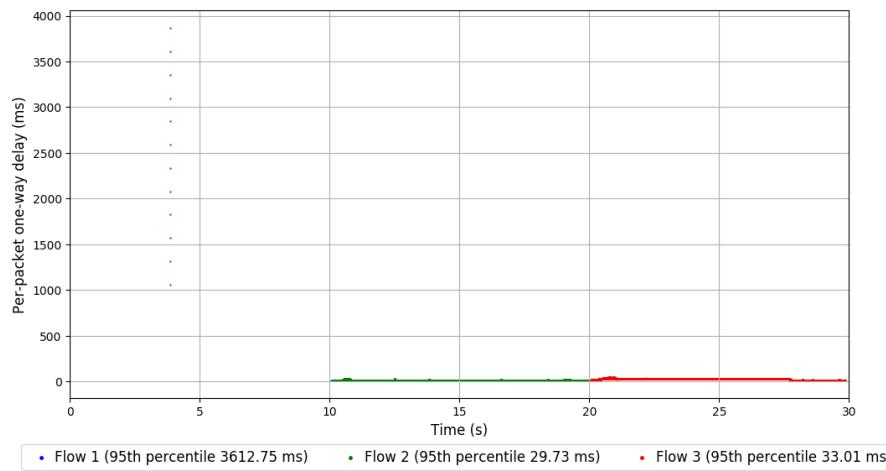
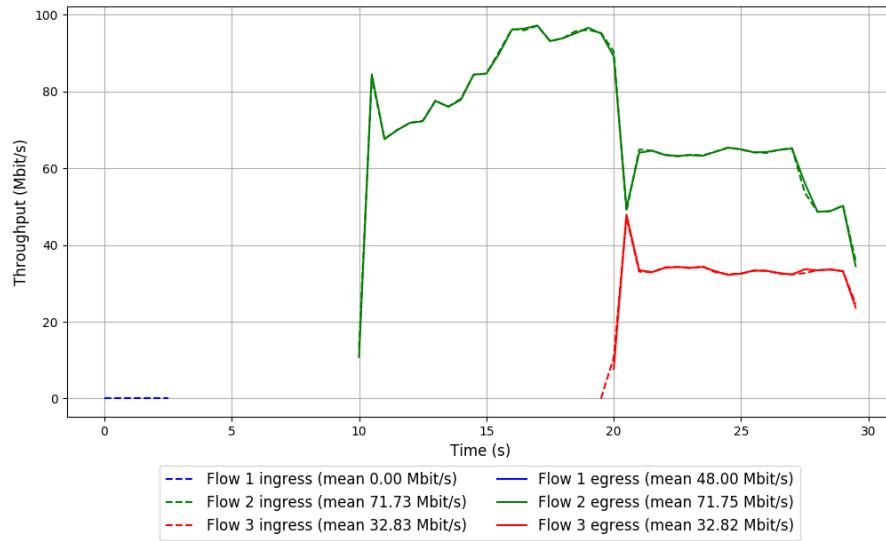


Run 2: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:08:26 +0000
End at: Sat, 29 Jul 2017 08:08:56 +0000
Local clock offset: 0.595 ms
Remote clock offset: -3.669 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 29.951 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 3612.750 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.75 Mbit/s
95th percentile per-packet one-way delay: 29.735 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 33.008 ms
Loss rate: 0.28%
```

Run 2: Report of PCC — Data Link

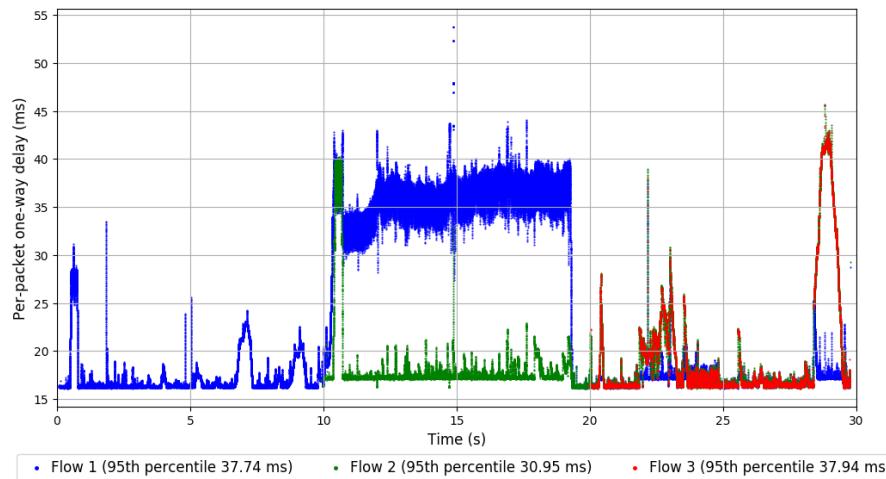
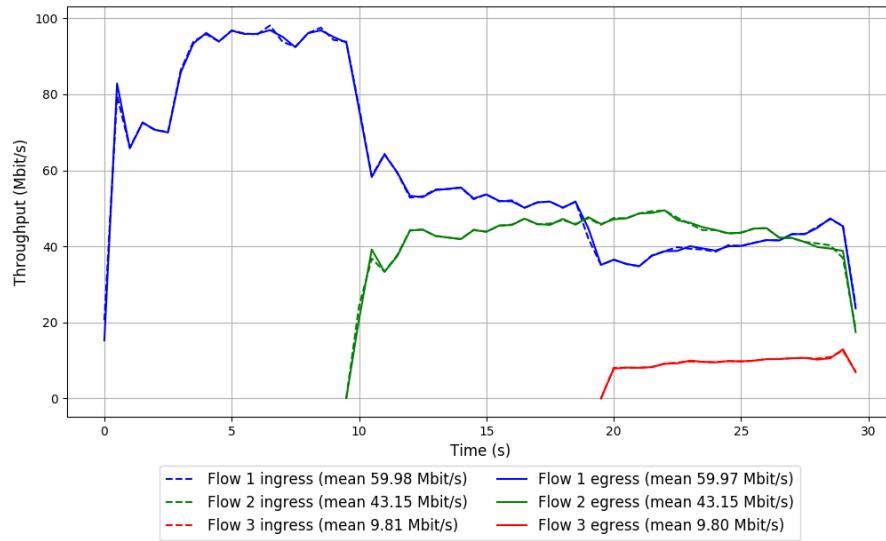


Run 3: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:27:35 +0000
End at: Sat, 29 Jul 2017 08:28:05 +0000
Local clock offset: 2.707 ms
Remote clock offset: -4.708 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:35:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 37.531 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 37.742 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 30.945 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 9.80 Mbit/s
95th percentile per-packet one-way delay: 37.944 ms
Loss rate: 0.37%
```

Run 3: Report of PCC — Data Link

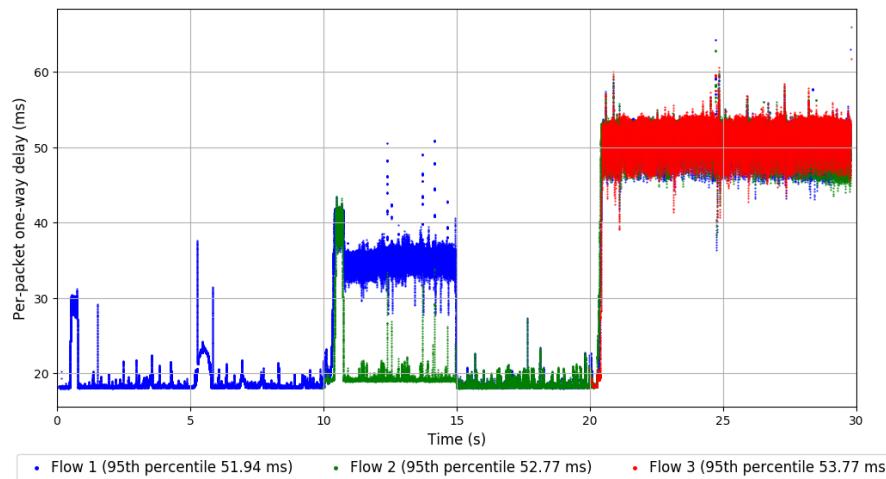
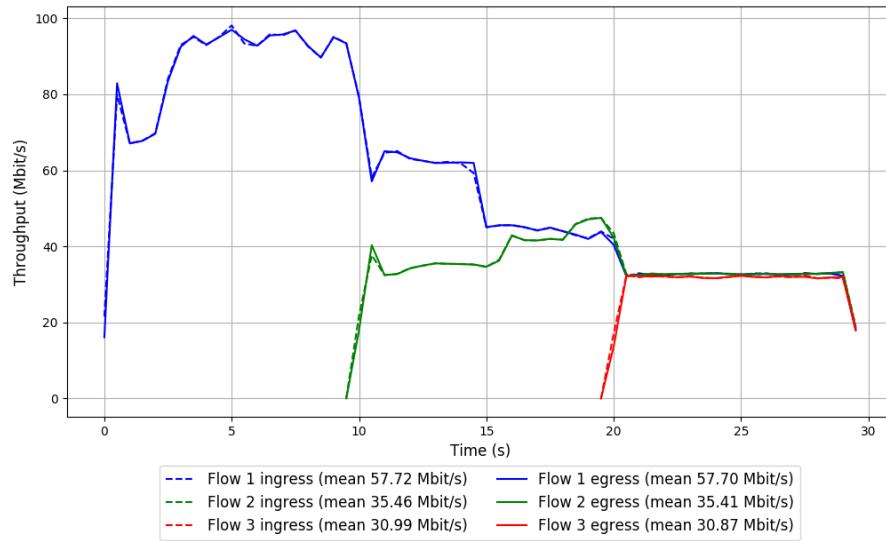


Run 4: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 08:47:05 +0000
End at: Sat, 29 Jul 2017 08:47:35 +0000
Local clock offset: 4.079 ms
Remote clock offset: -6.136 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 52.756 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 51.943 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 35.41 Mbit/s
95th percentile per-packet one-way delay: 52.765 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 53.773 ms
Loss rate: 0.67%
```

Run 4: Report of PCC — Data Link

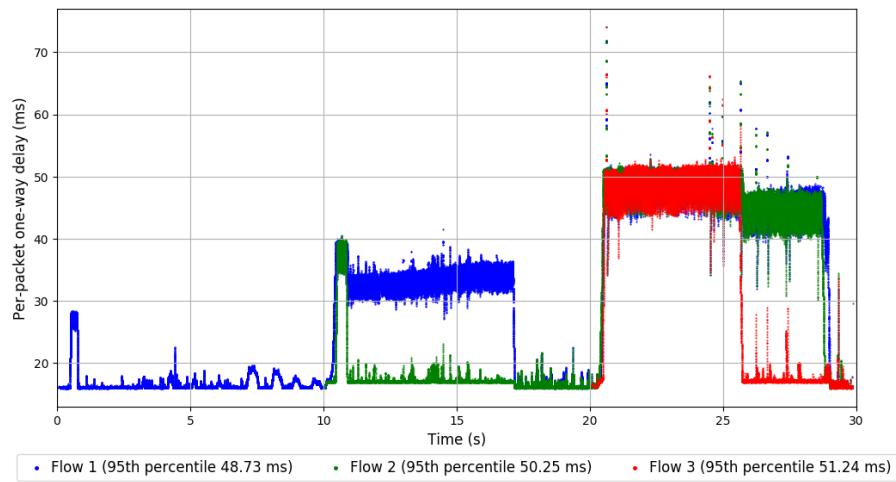
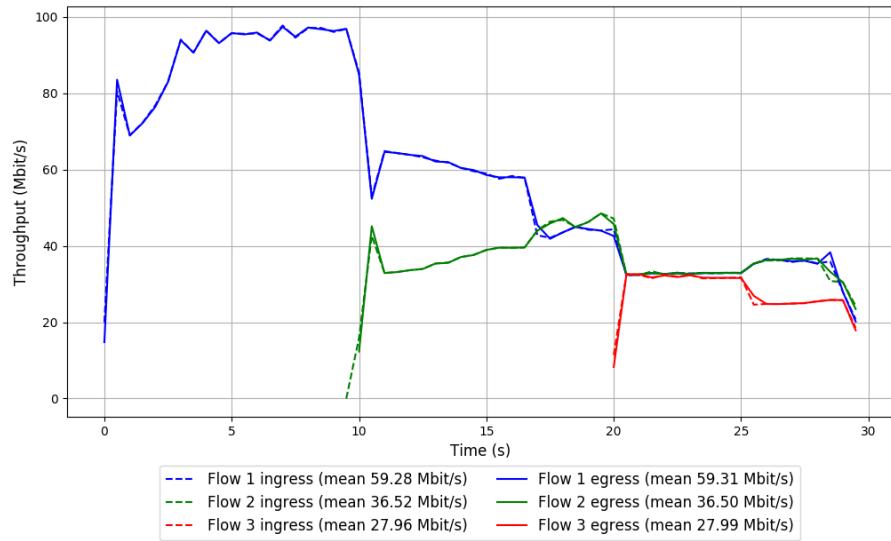


Run 5: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:06:16 +0000
End at: Sat, 29 Jul 2017 09:06:46 +0000
Local clock offset: 4.115 ms
Remote clock offset: -3.731 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.76 Mbit/s
95th percentile per-packet one-way delay: 49.999 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 48.729 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.50 Mbit/s
95th percentile per-packet one-way delay: 50.250 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.99 Mbit/s
95th percentile per-packet one-way delay: 51.237 ms
Loss rate: 0.26%
```

Run 5: Report of PCC — Data Link

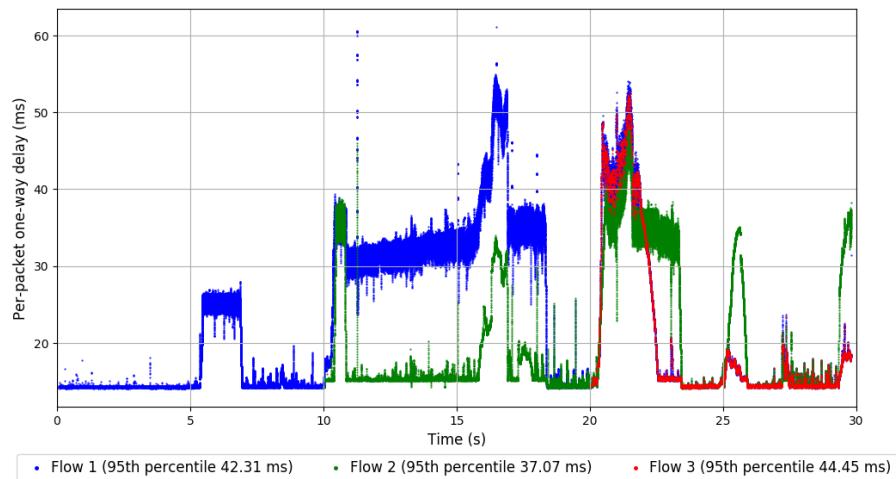
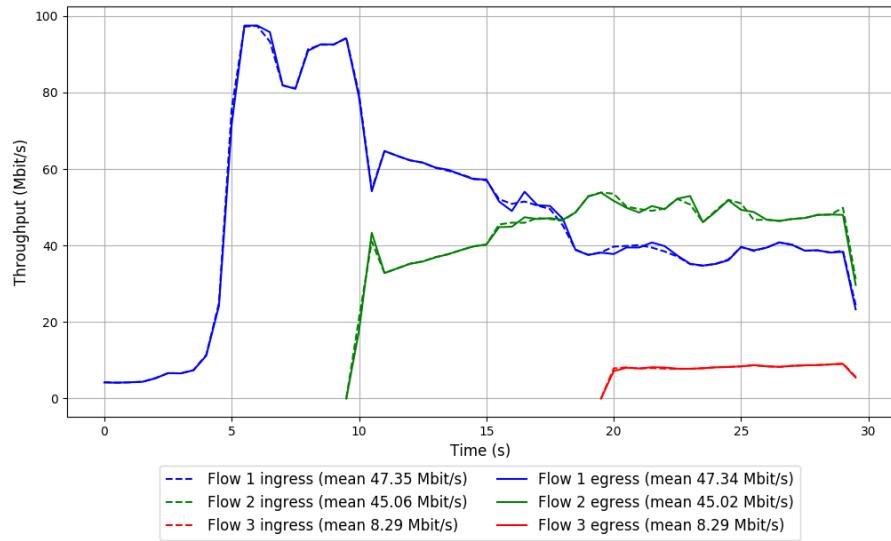


Run 6: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:25:21 +0000
End at: Sat, 29 Jul 2017 09:25:51 +0000
Local clock offset: 1.938 ms
Remote clock offset: -3.792 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.04 Mbit/s
95th percentile per-packet one-way delay: 40.444 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 42.310 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 45.02 Mbit/s
95th percentile per-packet one-way delay: 37.067 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 8.29 Mbit/s
95th percentile per-packet one-way delay: 44.448 ms
Loss rate: 0.34%
```

Run 6: Report of PCC — Data Link

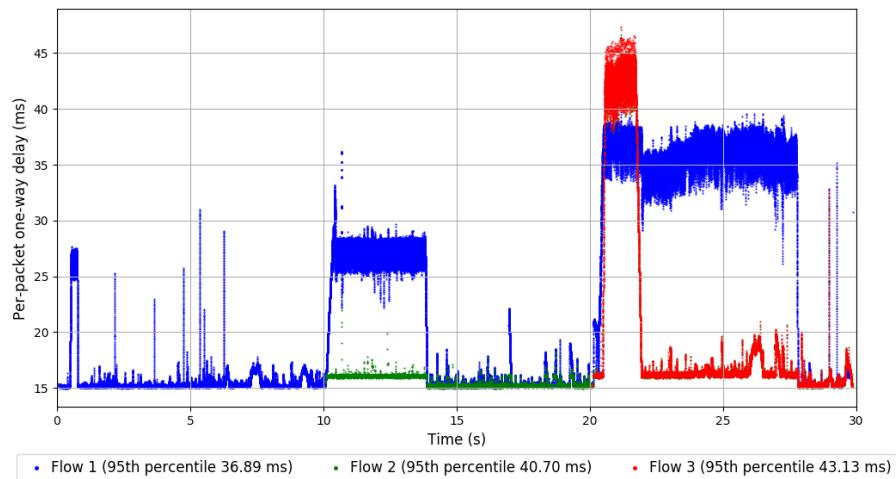
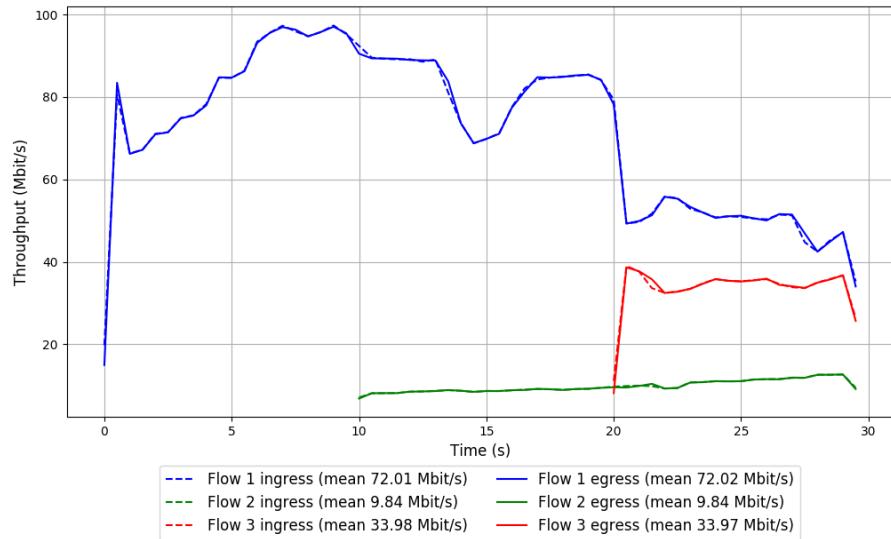


Run 7: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 09:44:21 +0000
End at: Sat, 29 Jul 2017 09:44:51 +0000
Local clock offset: 2.785 ms
Remote clock offset: -3.641 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.72 Mbit/s
95th percentile per-packet one-way delay: 37.261 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 36.888 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 9.84 Mbit/s
95th percentile per-packet one-way delay: 40.695 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.97 Mbit/s
95th percentile per-packet one-way delay: 43.127 ms
Loss rate: 0.28%
```

Run 7: Report of PCC — Data Link

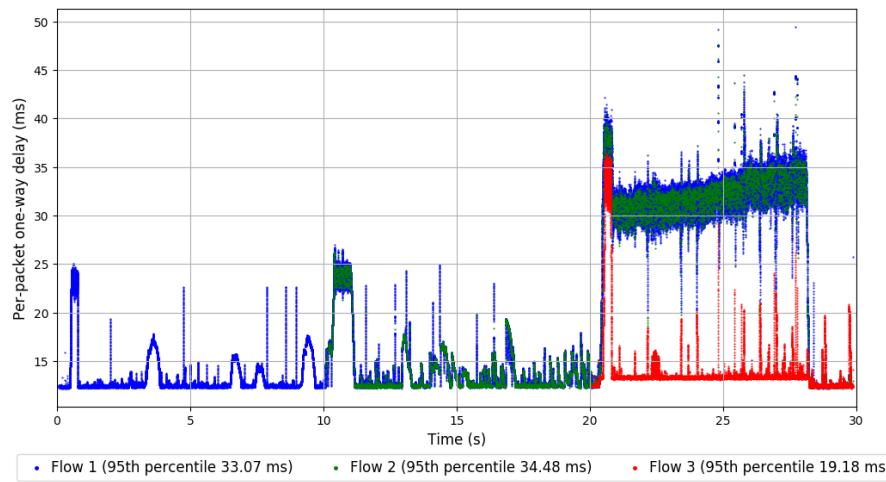
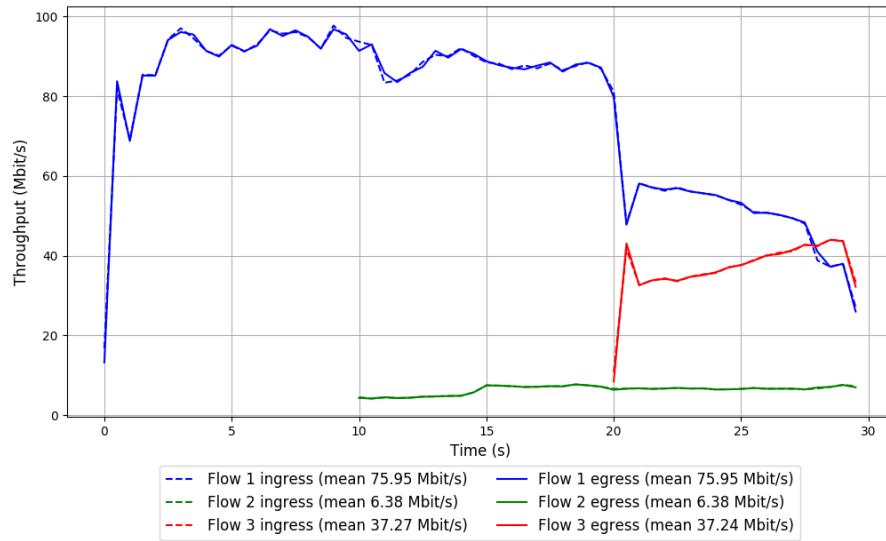


Run 8: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 10:03:04 +0000
End at: Sat, 29 Jul 2017 10:03:34 +0000
Local clock offset: 0.719 ms
Remote clock offset: -3.012 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 33.052 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 33.074 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 34.477 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 19.185 ms
Loss rate: 0.31%
```

Run 8: Report of PCC — Data Link

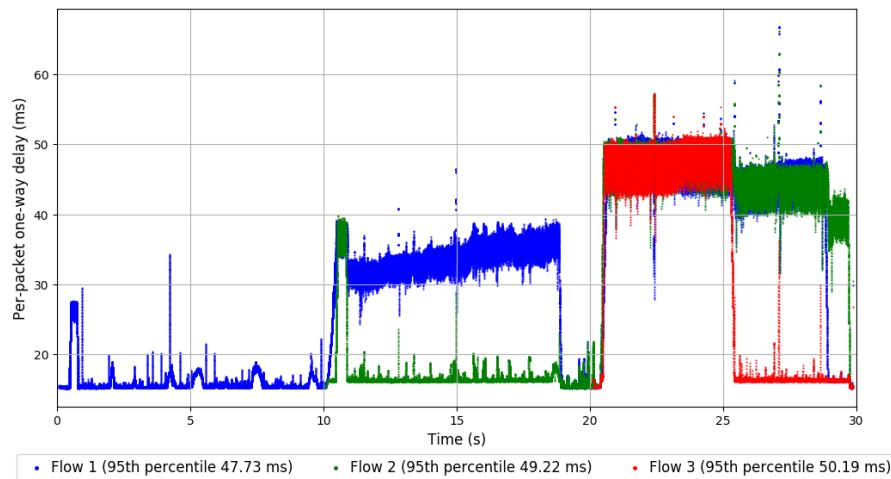
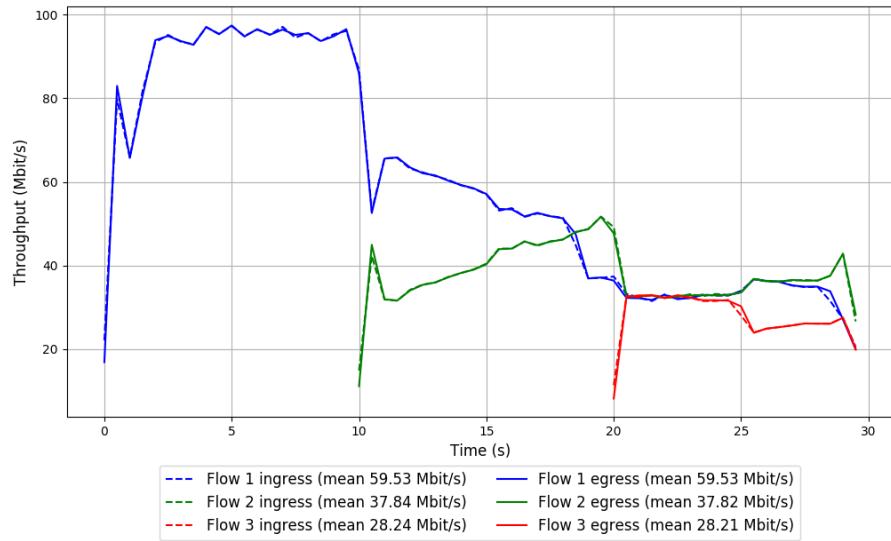


Run 9: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 10:21:55 +0000
End at: Sat, 29 Jul 2017 10:22:25 +0000
Local clock offset: 2.159 ms
Remote clock offset: -4.622 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 49.008 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 47.732 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 49.224 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 50.192 ms
Loss rate: 0.26%
```

Run 9: Report of PCC — Data Link

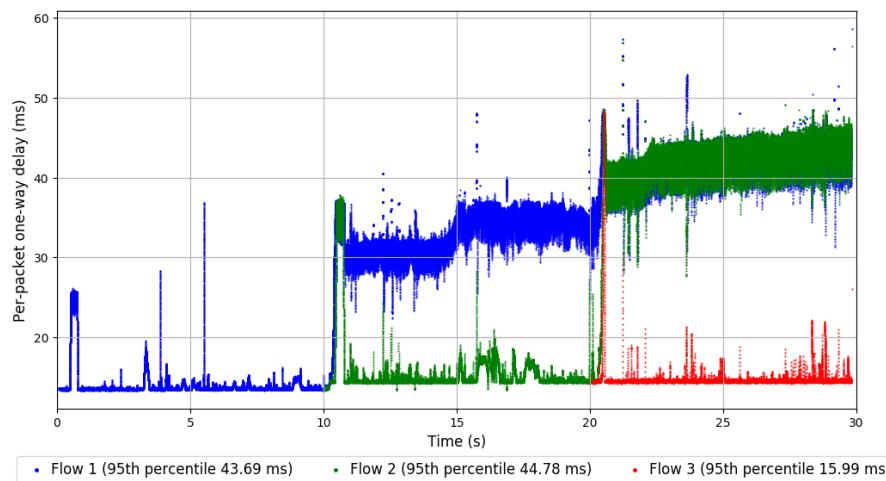
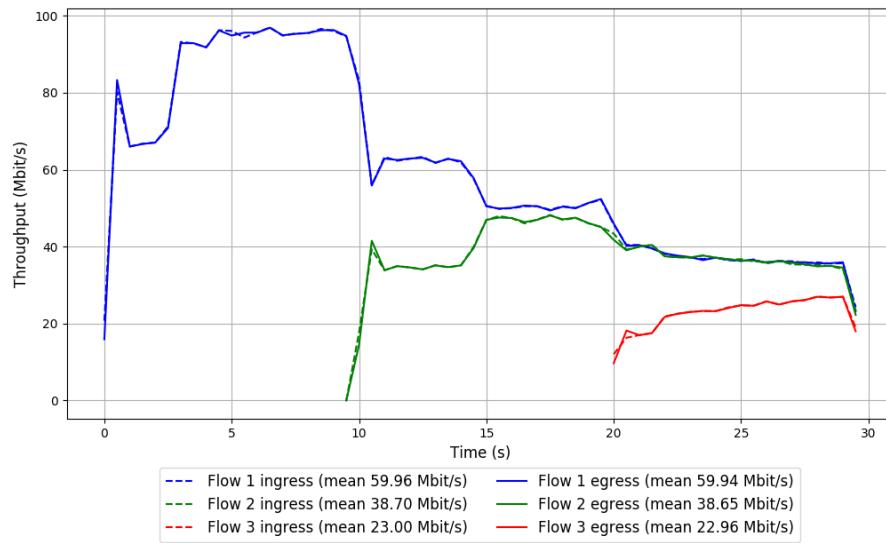


Run 10: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 10:40:47 +0000
End at: Sat, 29 Jul 2017 10:41:18 +0000
Local clock offset: 1.095 ms
Remote clock offset: -3.892 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 44.076 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 43.687 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.65 Mbit/s
95th percentile per-packet one-way delay: 44.778 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 22.96 Mbit/s
95th percentile per-packet one-way delay: 15.989 ms
Loss rate: 0.39%
```

Run 10: Report of PCC — Data Link

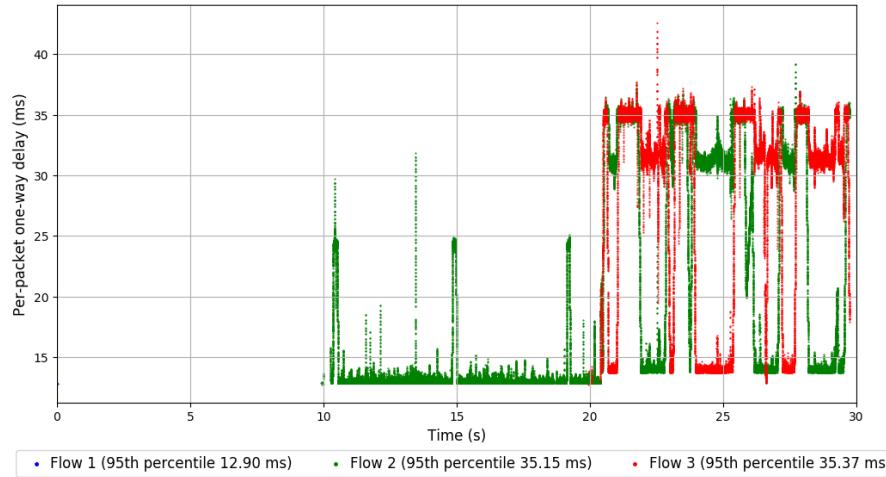
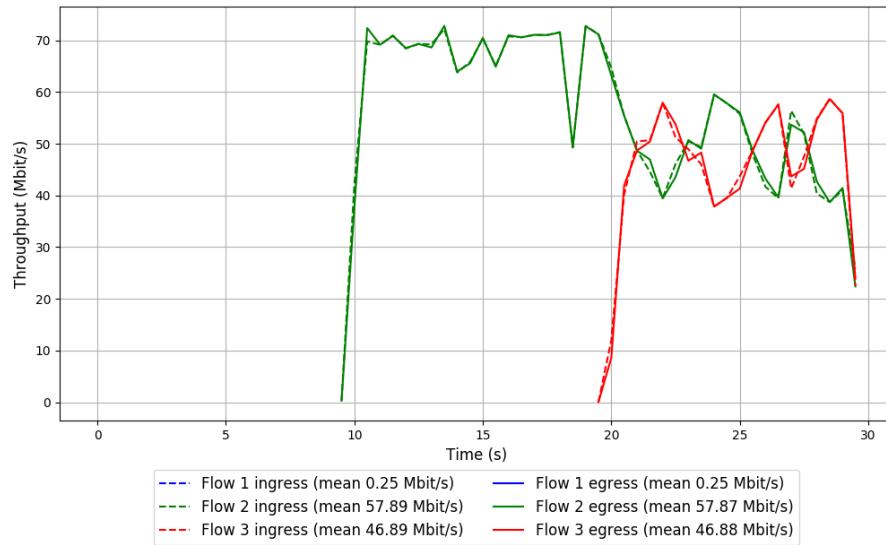


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Sat, 29 Jul 2017 07:37:48 +0000
End at: Sat, 29 Jul 2017 07:38:18 +0000
Local clock offset: 2.966 ms
Remote clock offset: -3.409 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.07 Mbit/s
95th percentile per-packet one-way delay: 35.258 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 35.151 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 35.365 ms
Loss rate: 0.24%
```

Run 1: Report of QUIC Cubic — Data Link

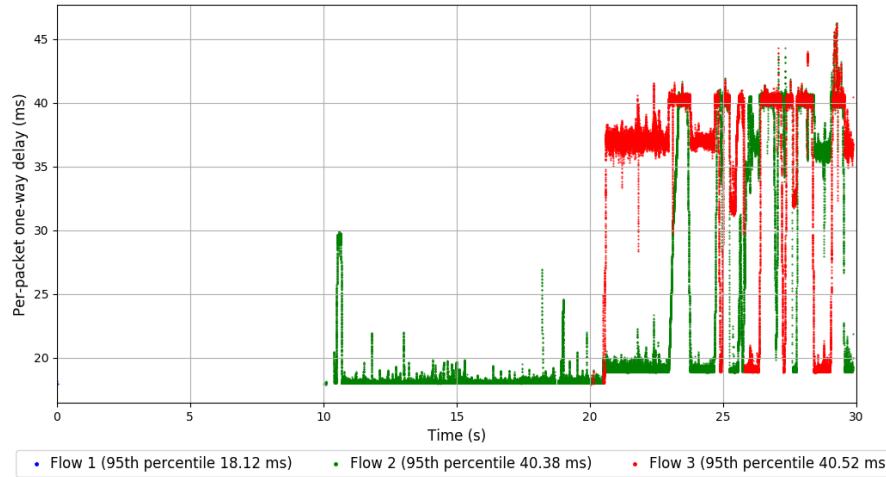
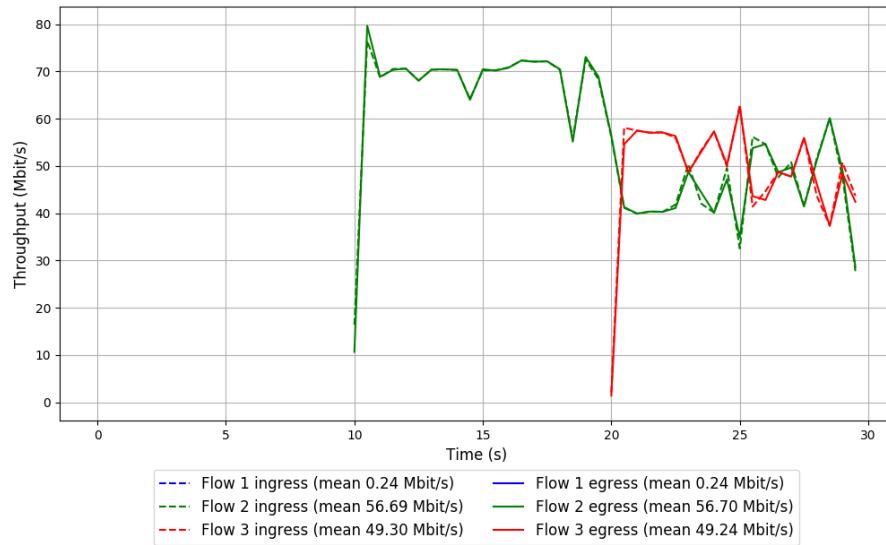


Run 2: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 07:57:06 +0000
End at: Sat, 29 Jul 2017 07:57:36 +0000
Local clock offset: 5.421 ms
Remote clock offset: -4.679 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.92 Mbit/s
95th percentile per-packet one-way delay: 40.451 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 18.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.70 Mbit/s
95th percentile per-packet one-way delay: 40.381 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 40.518 ms
Loss rate: 0.53%
```

Run 2: Report of QUIC Cubic — Data Link

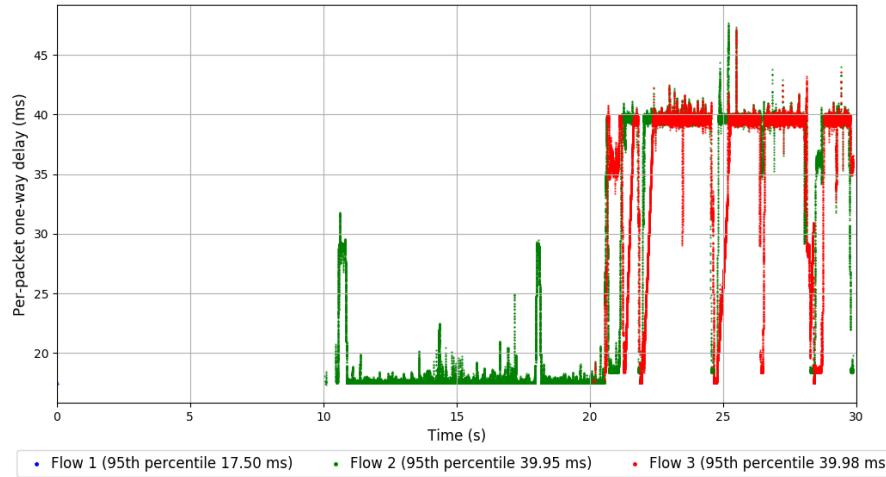
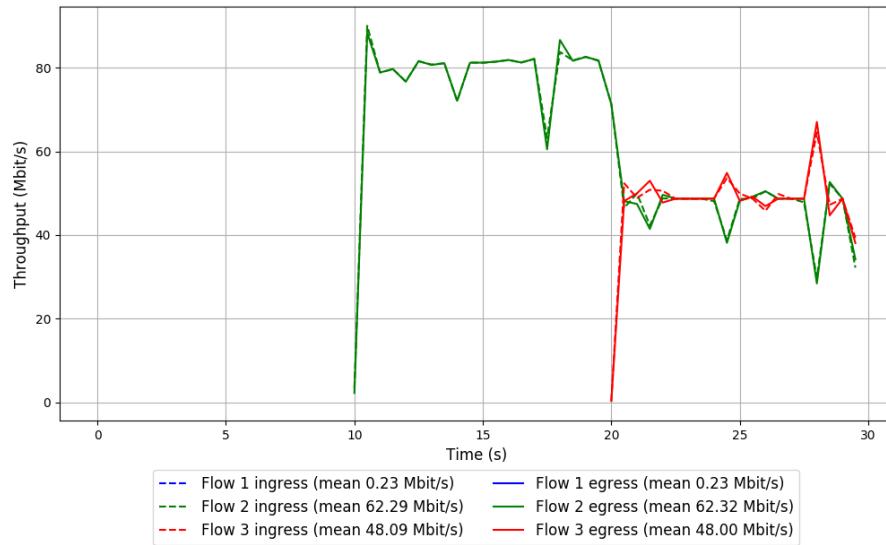


Run 3: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:16:03 +0000
End at: Sat, 29 Jul 2017 08:16:33 +0000
Local clock offset: -1.885 ms
Remote clock offset: -10.576 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 39.957 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 17.496 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.32 Mbit/s
95th percentile per-packet one-way delay: 39.950 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 39.979 ms
Loss rate: 0.54%
```

Run 3: Report of QUIC Cubic — Data Link

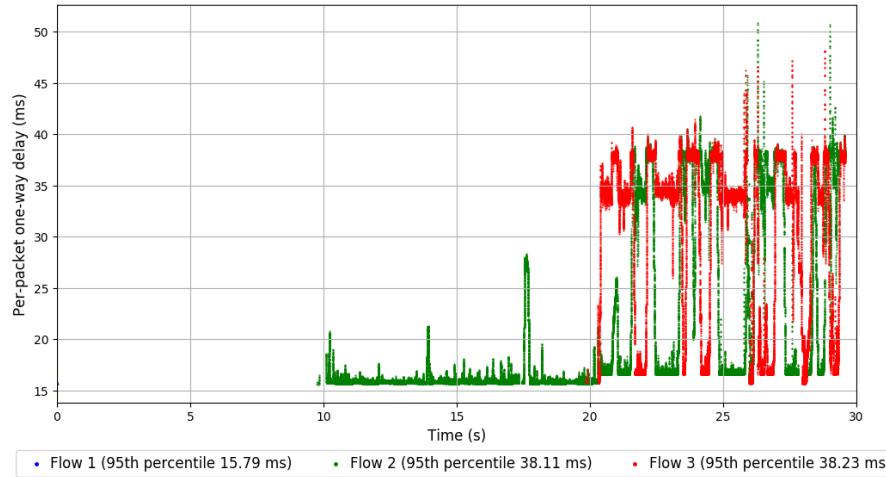
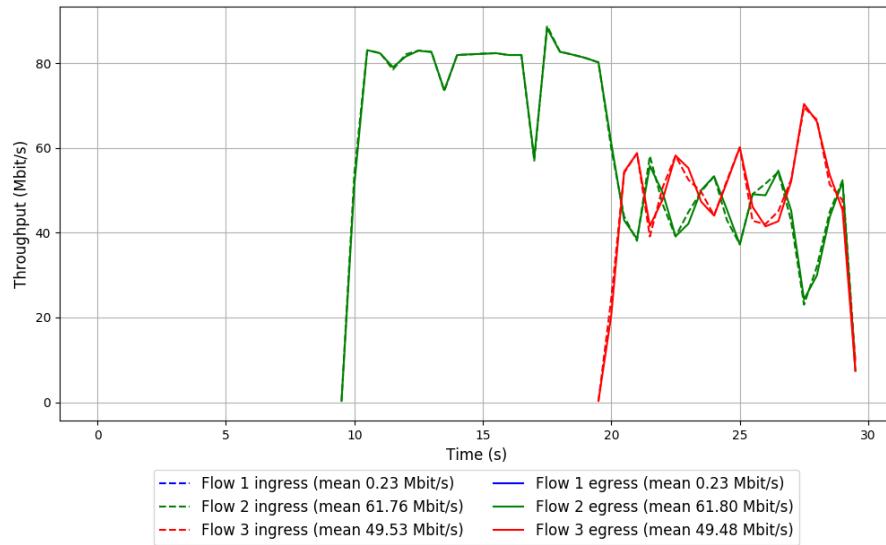


Run 4: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:35:15 +0000
End at: Sat, 29 Jul 2017 08:35:45 +0000
Local clock offset: 1.214 ms
Remote clock offset: -5.761 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:36:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 38.149 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 15.789 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.80 Mbit/s
95th percentile per-packet one-way delay: 38.108 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 49.48 Mbit/s
95th percentile per-packet one-way delay: 38.226 ms
Loss rate: 0.60%
```

Run 4: Report of QUIC Cubic — Data Link

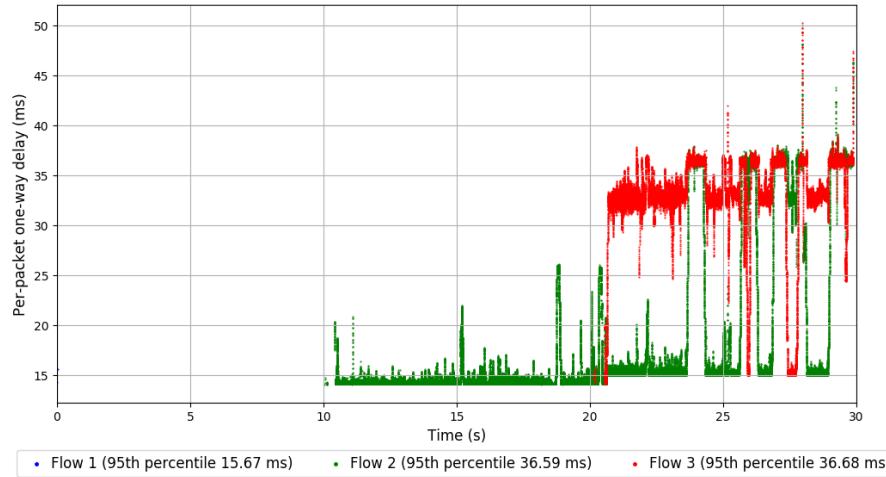
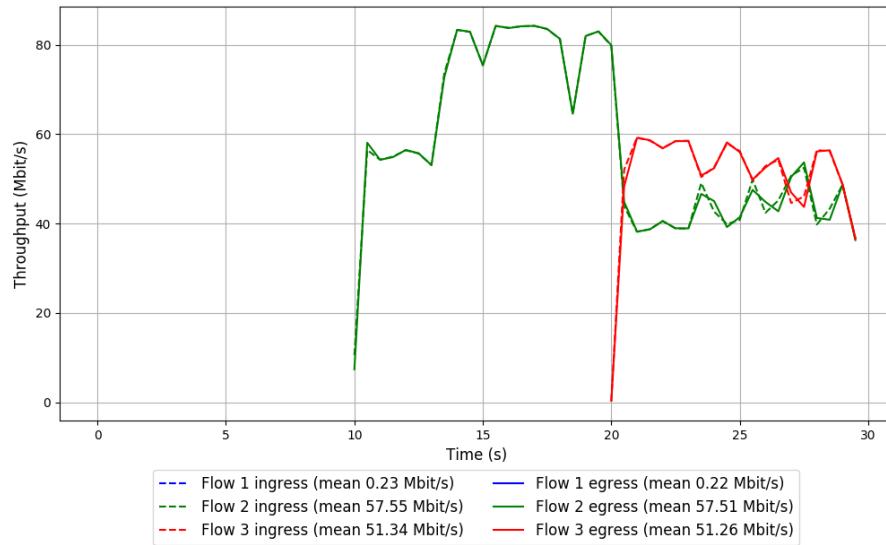


Run 5: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 08:54:49 +0000
End at: Sat, 29 Jul 2017 08:55:19 +0000
Local clock offset: 0.525 ms
Remote clock offset: -4.833 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.02 Mbit/s
95th percentile per-packet one-way delay: 36.638 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.670 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 36.593 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 51.26 Mbit/s
95th percentile per-packet one-way delay: 36.680 ms
Loss rate: 0.32%
```

Run 5: Report of QUIC Cubic — Data Link

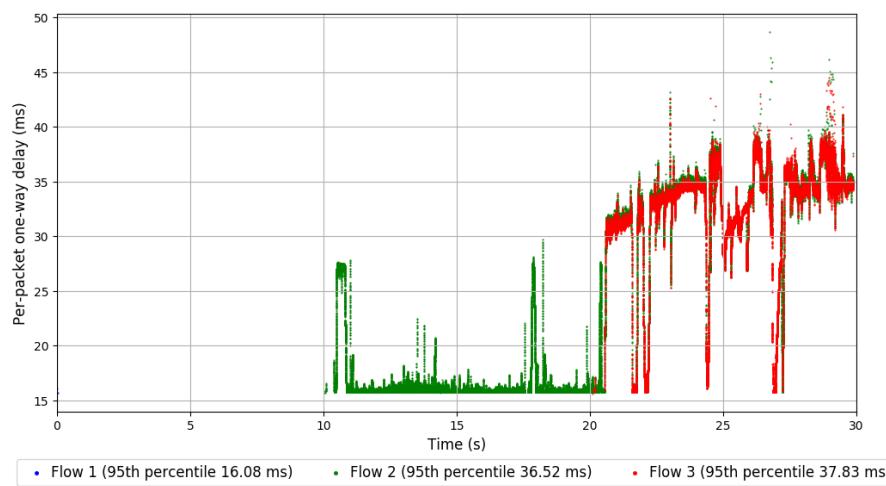
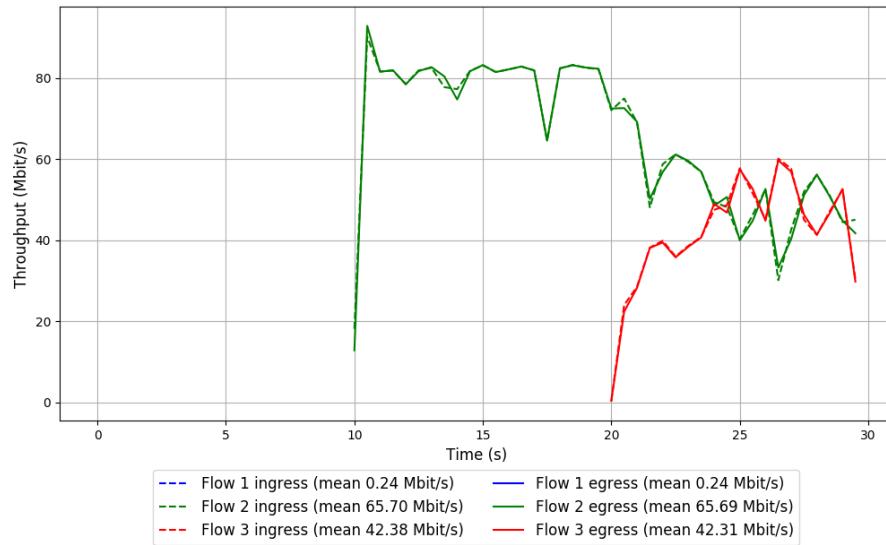


Run 6: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 09:13:57 +0000
End at: Sat, 29 Jul 2017 09:14:27 +0000
Local clock offset: 4.374 ms
Remote clock offset: -3.106 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 37.423 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 16.082 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.69 Mbit/s
95th percentile per-packet one-way delay: 36.516 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 37.826 ms
Loss rate: 0.43%
```

Run 6: Report of QUIC Cubic — Data Link

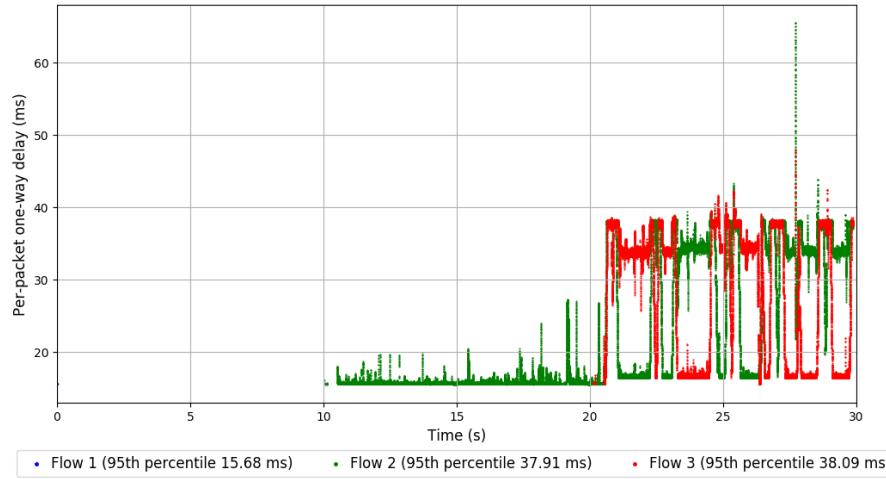
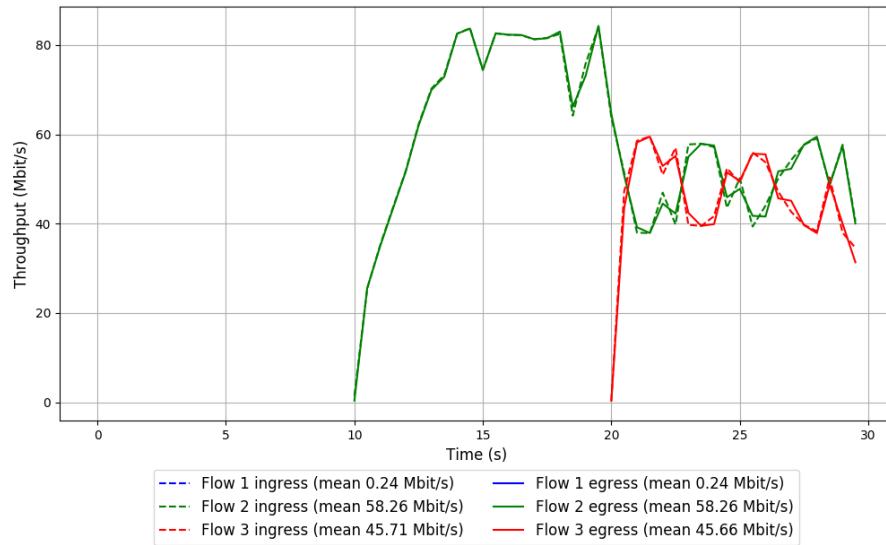


Run 7: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 09:32:51 +0000
End at: Sat, 29 Jul 2017 09:33:21 +0000
Local clock offset: 2.744 ms
Remote clock offset: -4.106 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 37.977 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 15.681 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.26 Mbit/s
95th percentile per-packet one-way delay: 37.913 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 45.66 Mbit/s
95th percentile per-packet one-way delay: 38.088 ms
Loss rate: 0.50%
```

Run 7: Report of QUIC Cubic — Data Link

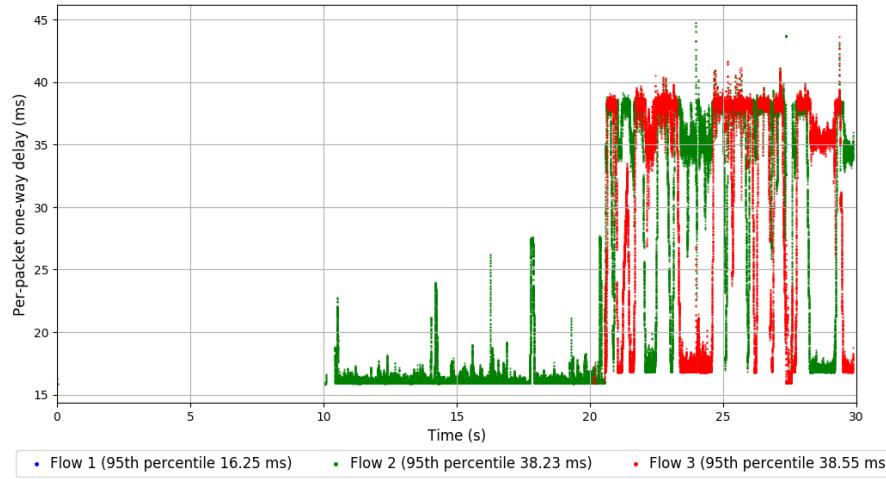
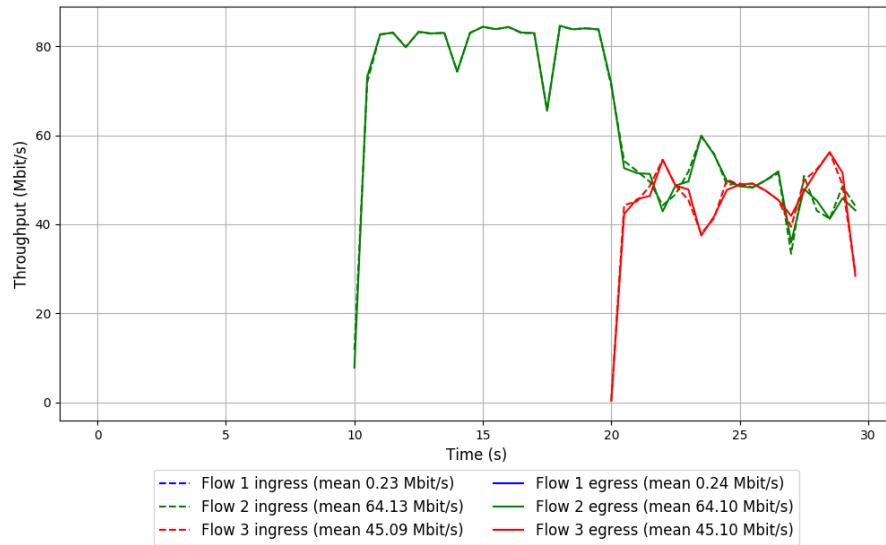


Run 8: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 09:51:51 +0000
End at: Sat, 29 Jul 2017 09:52:21 +0000
Local clock offset: 3.125 ms
Remote clock offset: -3.979 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.36 Mbit/s
95th percentile per-packet one-way delay: 38.430 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 16.254 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.10 Mbit/s
95th percentile per-packet one-way delay: 38.235 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 45.10 Mbit/s
95th percentile per-packet one-way delay: 38.554 ms
Loss rate: 0.24%
```

Run 8: Report of QUIC Cubic — Data Link

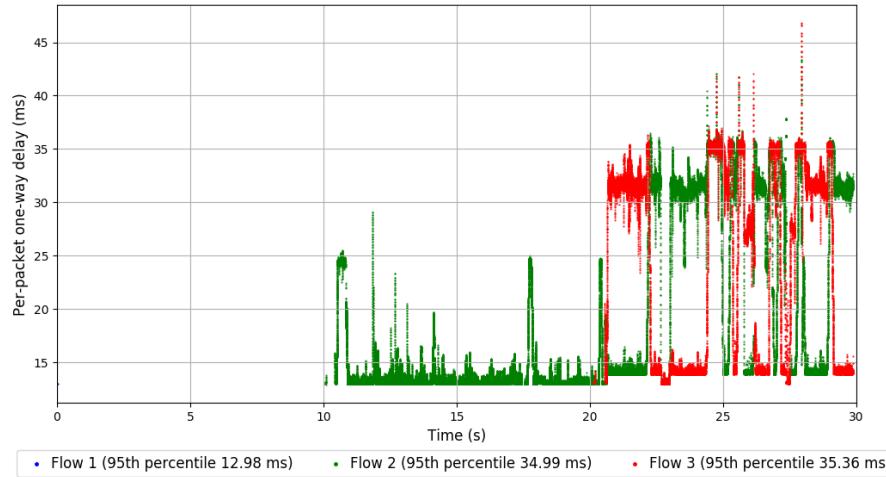
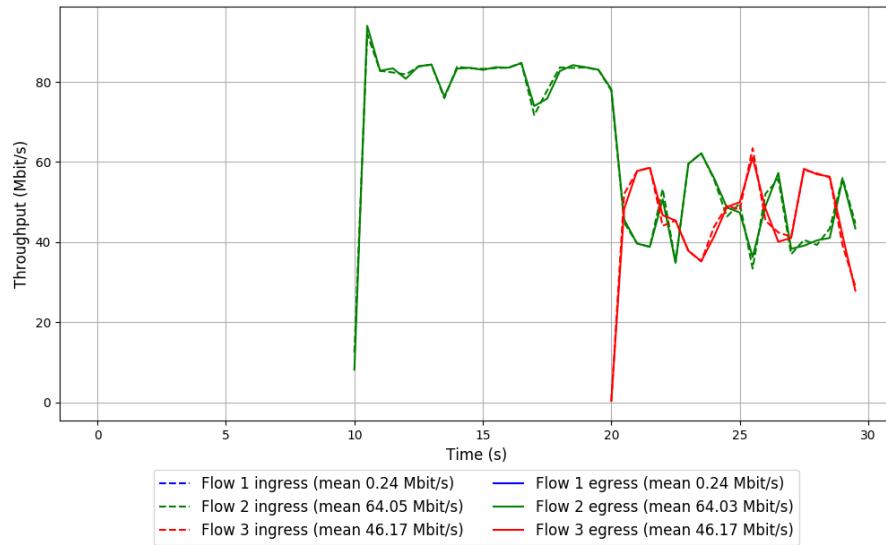


Run 9: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 10:10:35 +0000
End at: Sat, 29 Jul 2017 10:11:05 +0000
Local clock offset: 0.033 ms
Remote clock offset: -4.34 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.67 Mbit/s
95th percentile per-packet one-way delay: 35.211 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 12.983 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 34.988 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 46.17 Mbit/s
95th percentile per-packet one-way delay: 35.358 ms
Loss rate: 0.23%
```

Run 9: Report of QUIC Cubic — Data Link

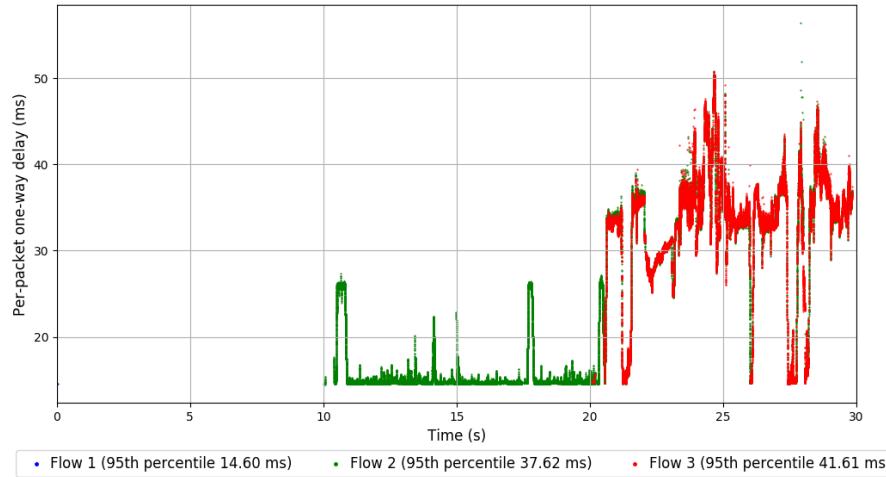
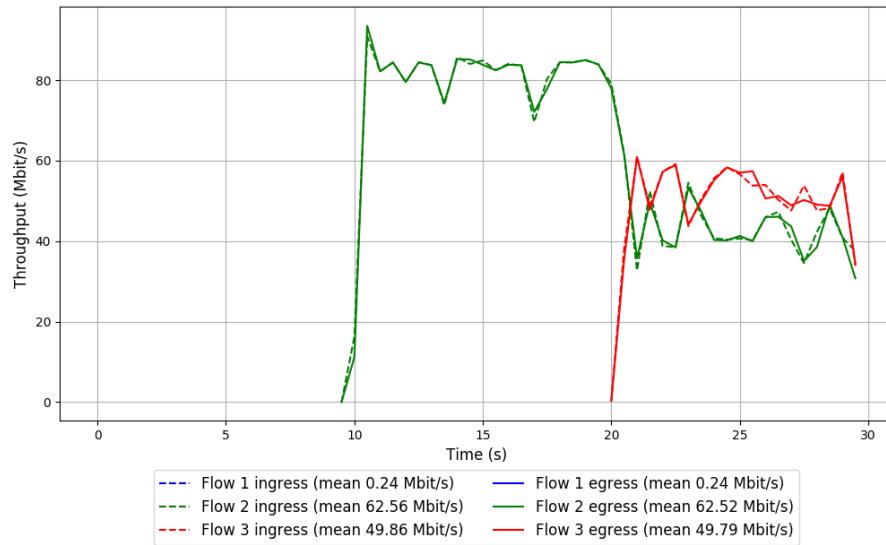


```
Run 10: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 10:29:25 +0000
End at: Sat, 29 Jul 2017 10:29:55 +0000
Local clock offset: 1.23 ms
Remote clock offset: -4.767 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.89 Mbit/s
95th percentile per-packet one-way delay: 39.137 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 14.601 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 37.622 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 49.79 Mbit/s
95th percentile per-packet one-way delay: 41.610 ms
Loss rate: 0.38%
```

Run 10: Report of QUIC Cubic — Data Link

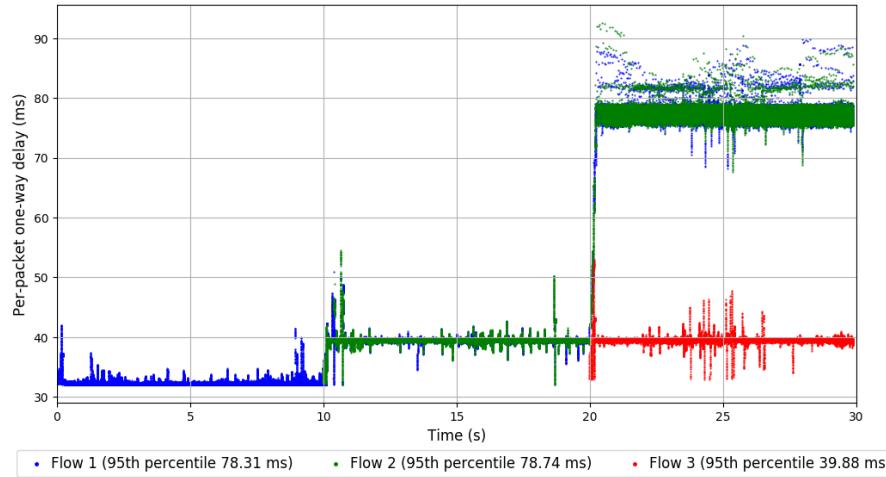
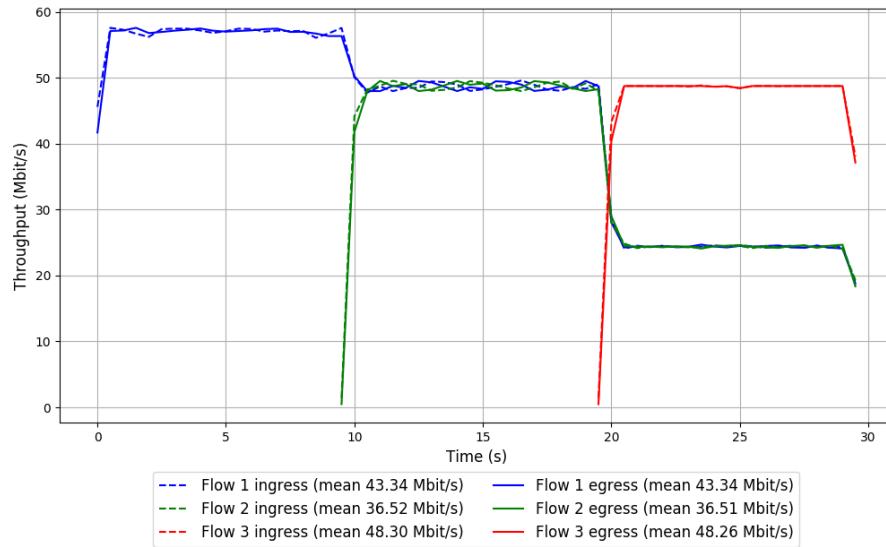


Run 1: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 07:50:36 +0000
End at: Sat, 29 Jul 2017 07:51:06 +0000
Local clock offset: 3.297 ms
Remote clock offset: -4.239 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 78.354 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 43.34 Mbit/s
95th percentile per-packet one-way delay: 78.309 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 78.741 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 39.878 ms
Loss rate: 0.49%
```

Run 1: Report of Saturator — Data Link

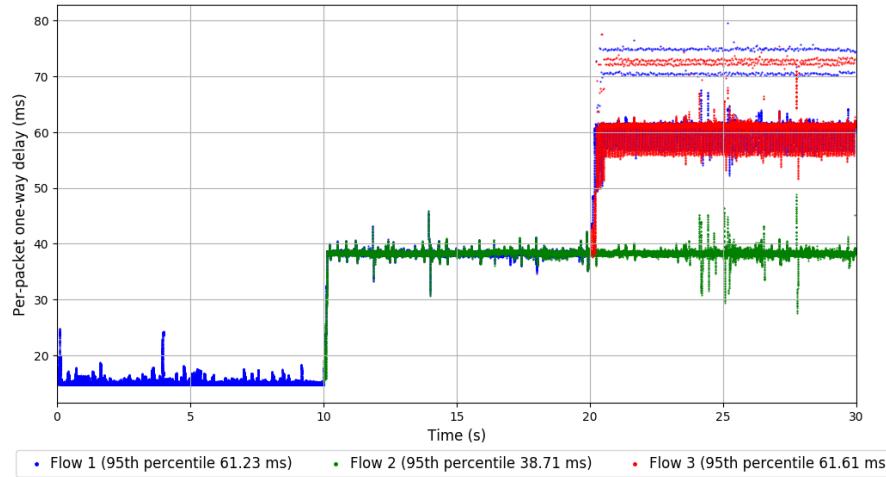
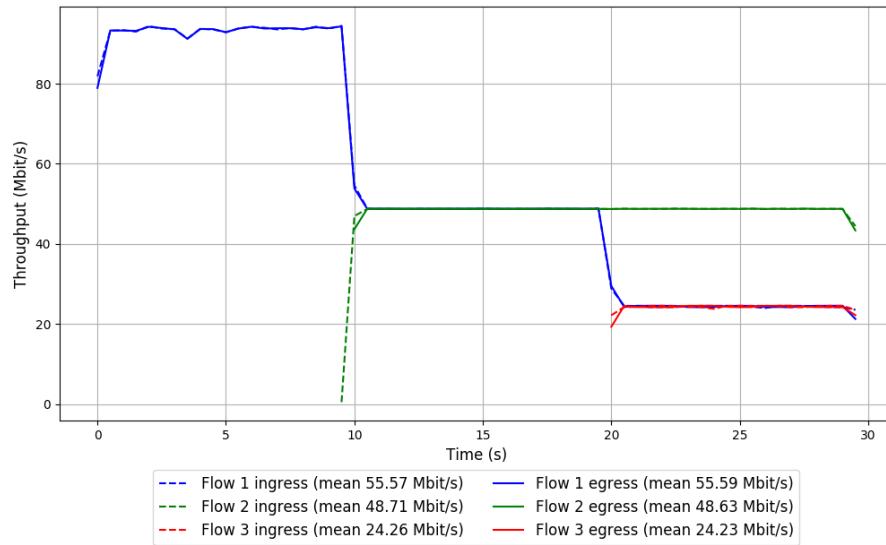


Run 2: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 08:09:36 +0000
End at: Sat, 29 Jul 2017 08:10:06 +0000
Local clock offset: 2.802 ms
Remote clock offset: -3.945 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 61.271 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 61.228 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 48.63 Mbit/s
95th percentile per-packet one-way delay: 38.713 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 61.614 ms
Loss rate: 0.99%
```

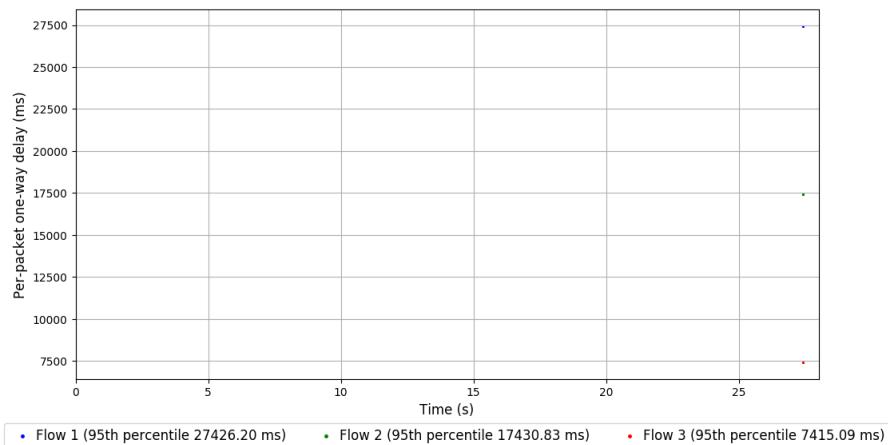
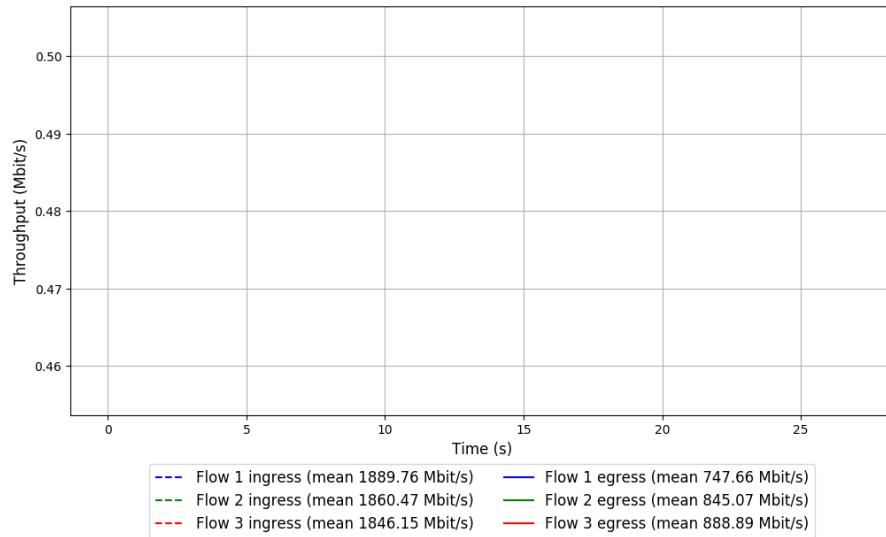
Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sat, 29 Jul 2017 08:28:51 +0000
End at: Sat, 29 Jul 2017 08:29:21 +0000
Local clock offset: 1.555 ms
Remote clock offset: -5.843 ms

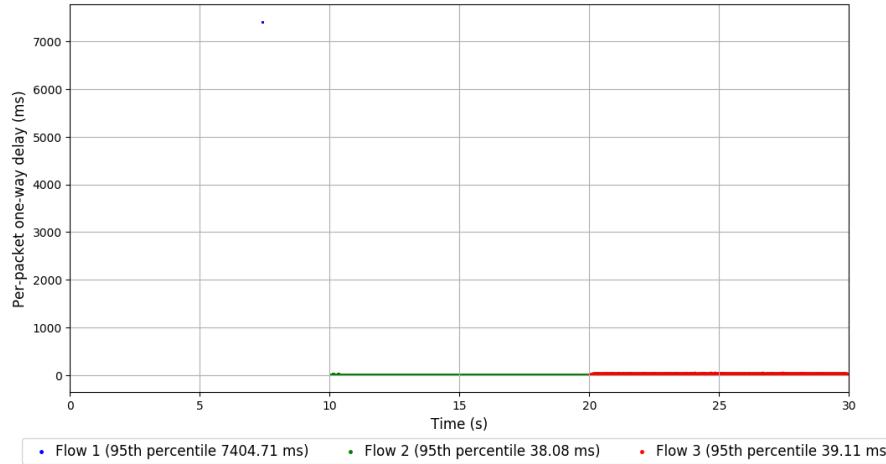
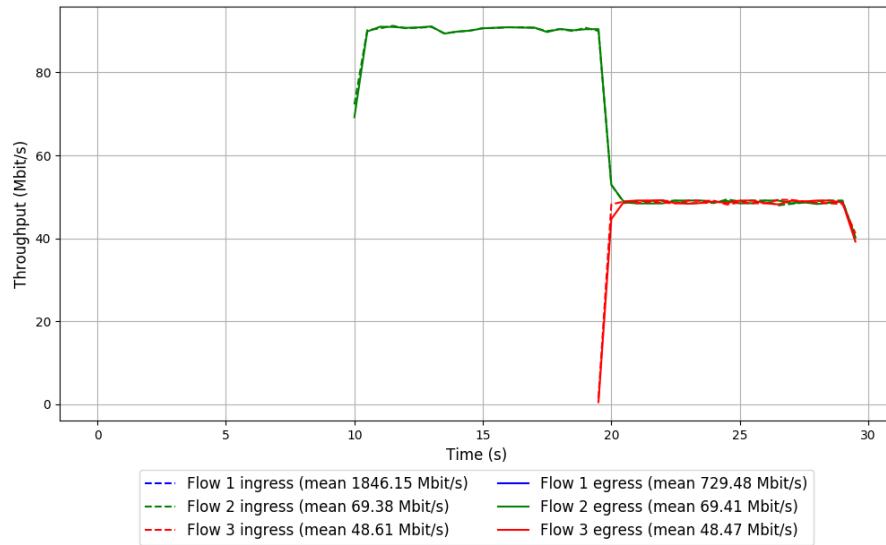
Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sat, 29 Jul 2017 08:48:22 +0000
End at: Sat, 29 Jul 2017 08:48:52 +0000
Local clock offset: 1.471 ms
Remote clock offset: -6.202 ms

Run 4: Report of Saturator — Data Link

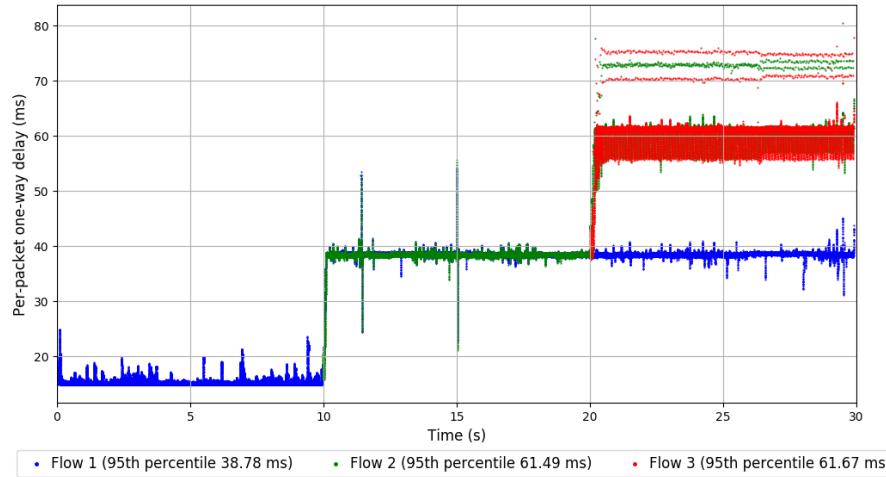
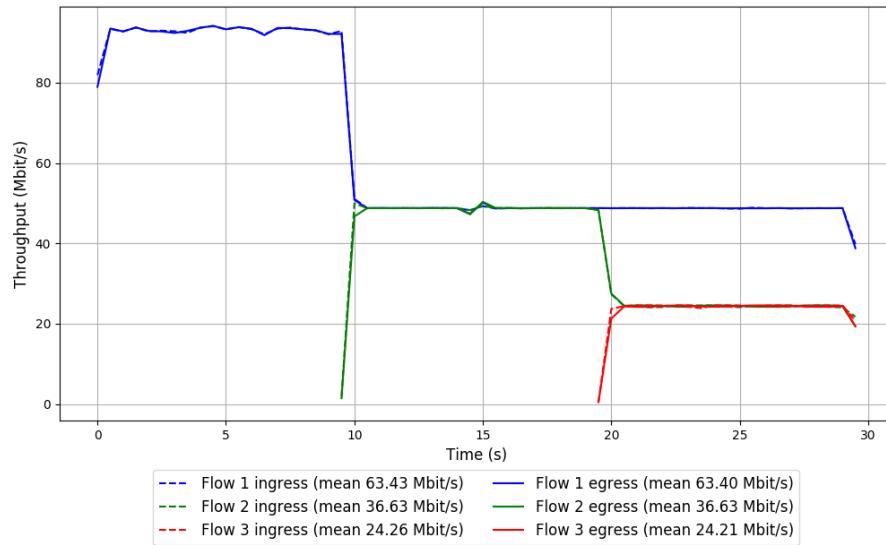


Run 5: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:07:30 +0000
End at: Sat, 29 Jul 2017 09:08:00 +0000
Local clock offset: 3.583 ms
Remote clock offset: -3.048 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 61.372 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 38.778 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 61.491 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 61.667 ms
Loss rate: 0.98%
```

Run 5: Report of Saturator — Data Link

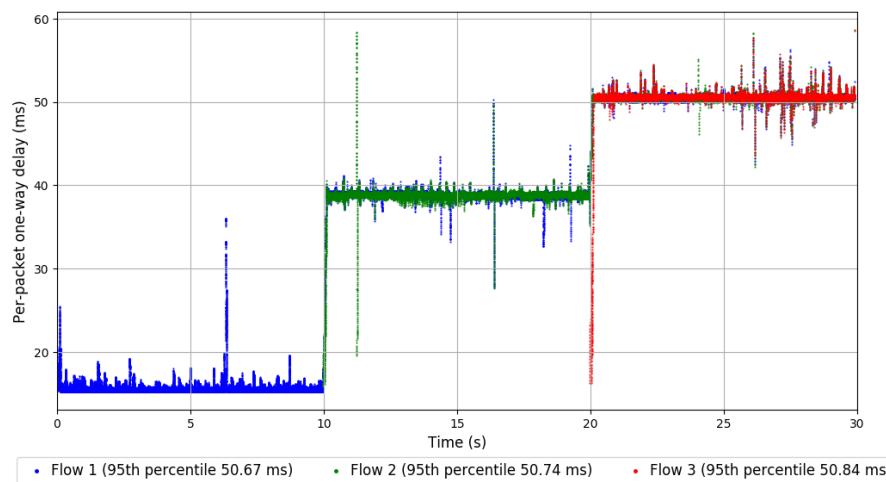
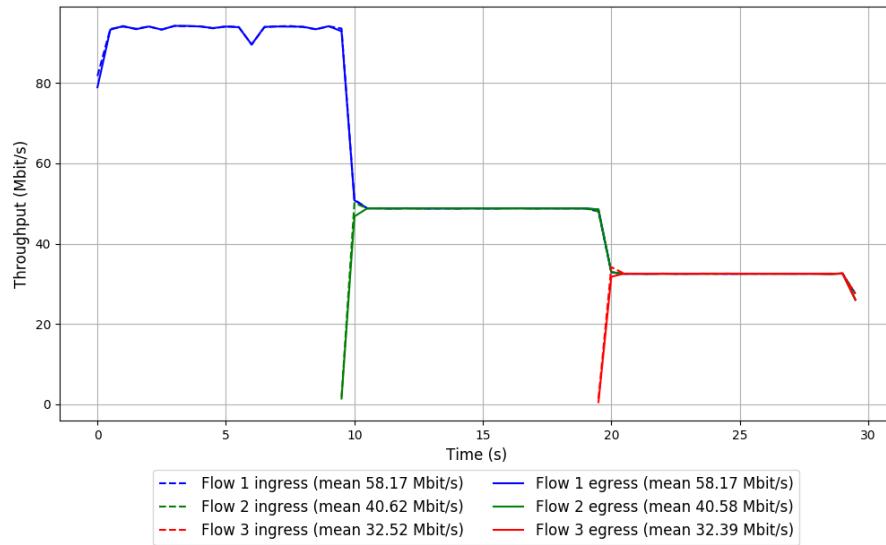


Run 6: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:26:34 +0000
End at: Sat, 29 Jul 2017 09:27:04 +0000
Local clock offset: 2.605 ms
Remote clock offset: -4.082 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 50.738 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 50.674 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 50.745 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 50.836 ms
Loss rate: 0.74%
```

Run 6: Report of Saturator — Data Link

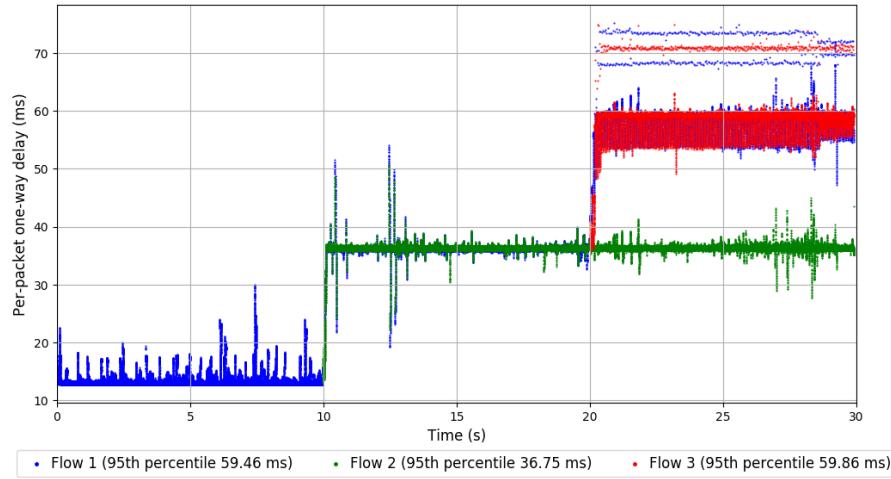
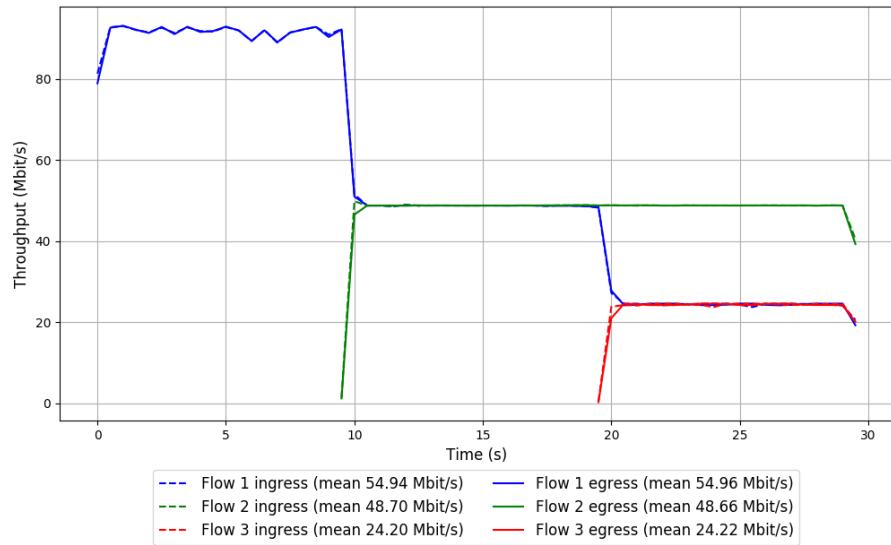


Run 7: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 09:45:33 +0000
End at: Sat, 29 Jul 2017 09:46:03 +0000
Local clock offset: 1.033 ms
Remote clock offset: -2.936 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:37:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 59.485 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.96 Mbit/s
95th percentile per-packet one-way delay: 59.463 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 36.752 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 59.856 ms
Loss rate: 0.73%
```

Run 7: Report of Saturator — Data Link

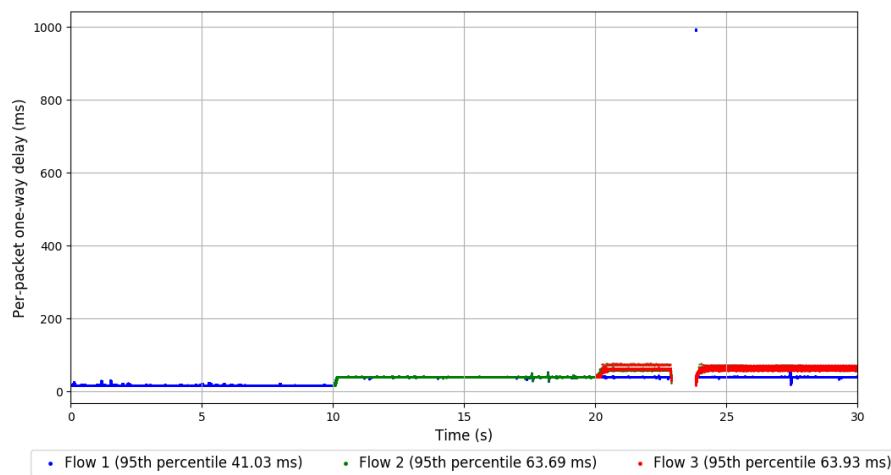
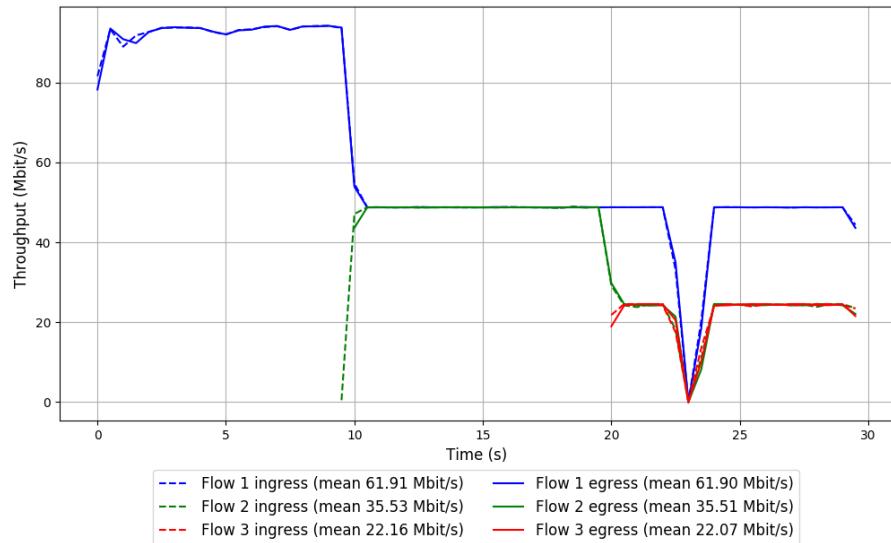


Run 8: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:04:18 +0000
End at: Sat, 29 Jul 2017 10:04:48 +0000
Local clock offset: 4.723 ms
Remote clock offset: -3.747 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 63.528 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 41.026 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 63.694 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 63.929 ms
Loss rate: 1.08%
```

Run 8: Report of Saturator — Data Link

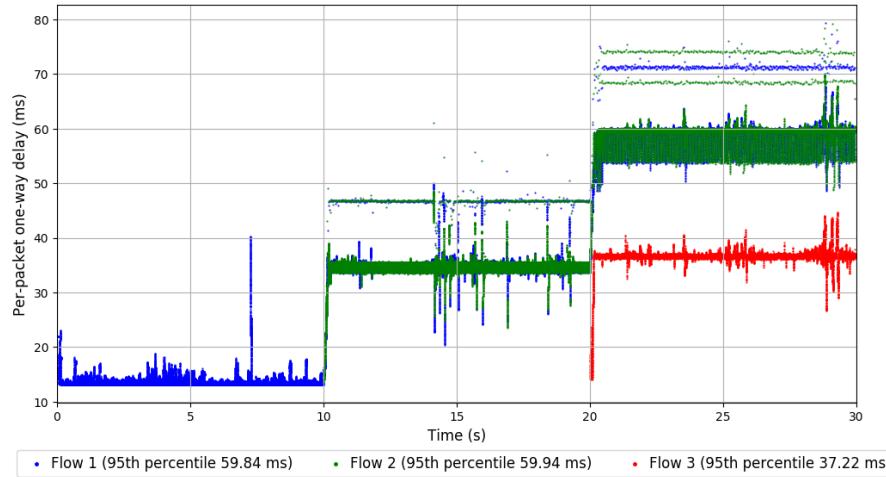
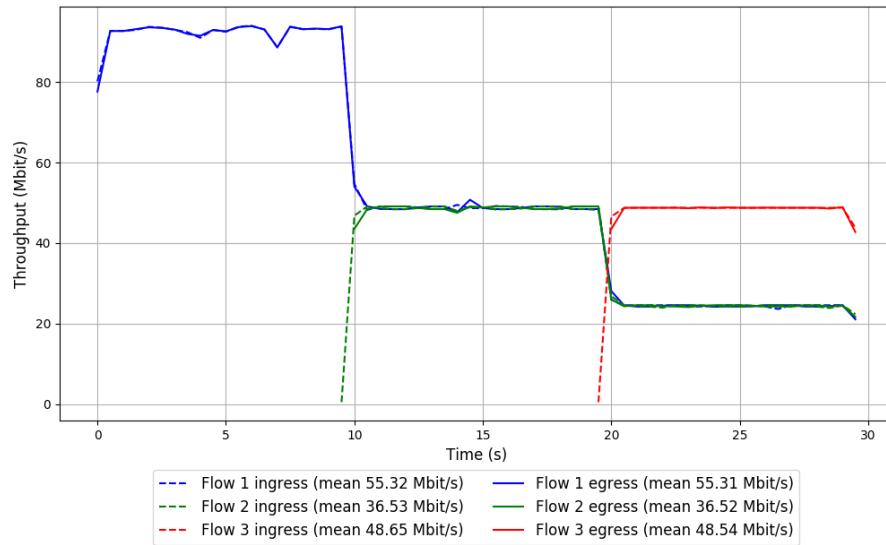


Run 9: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:23:06 +0000
End at: Sat, 29 Jul 2017 10:23:36 +0000
Local clock offset: -0.137 ms
Remote clock offset: -4.697 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 59.866 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 59.835 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.52 Mbit/s
95th percentile per-packet one-way delay: 59.942 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 37.224 ms
Loss rate: 0.48%
```

Run 9: Report of Saturator — Data Link

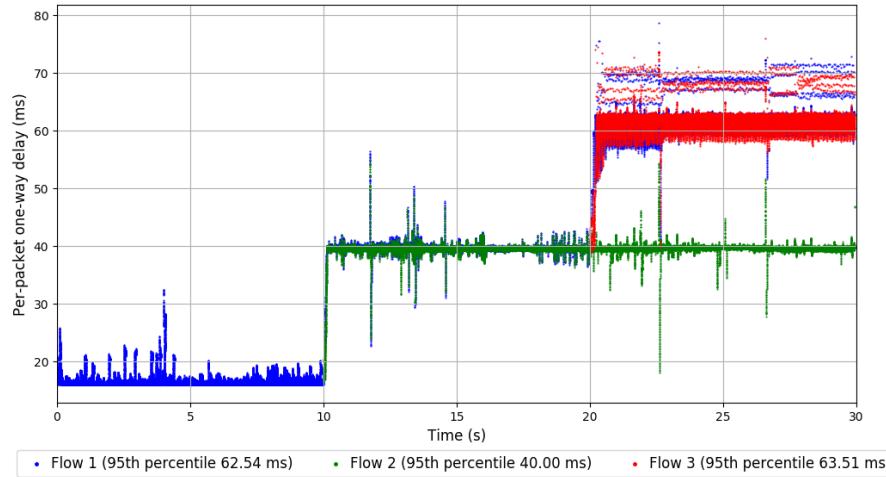
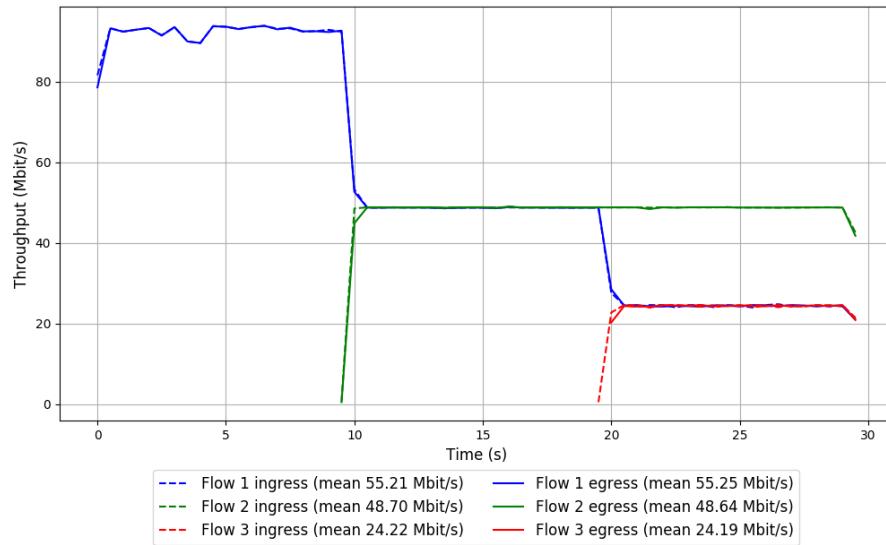


Run 10: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 10:41:58 +0000
End at: Sat, 29 Jul 2017 10:42:28 +0000
Local clock offset: 3.295 ms
Remote clock offset: -4.247 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 62.607 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 62.536 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 40.004 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 63.509 ms
Loss rate: 0.81%
```

Run 10: Report of Saturator — Data Link

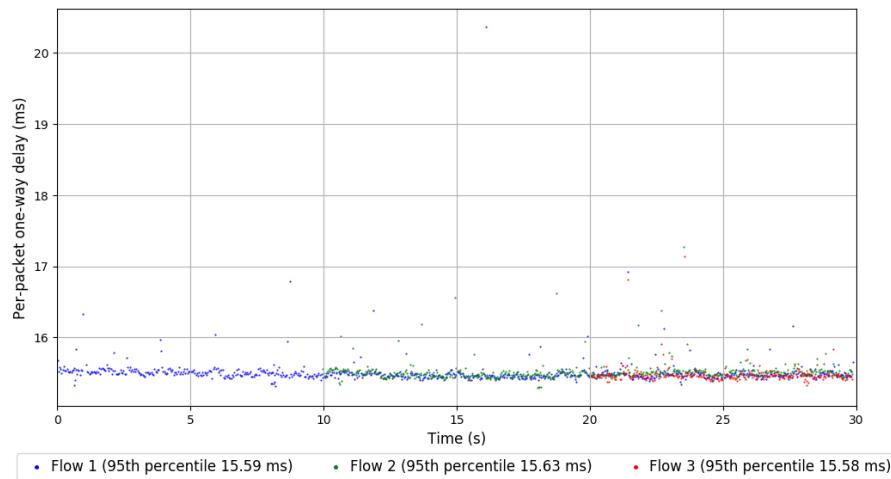
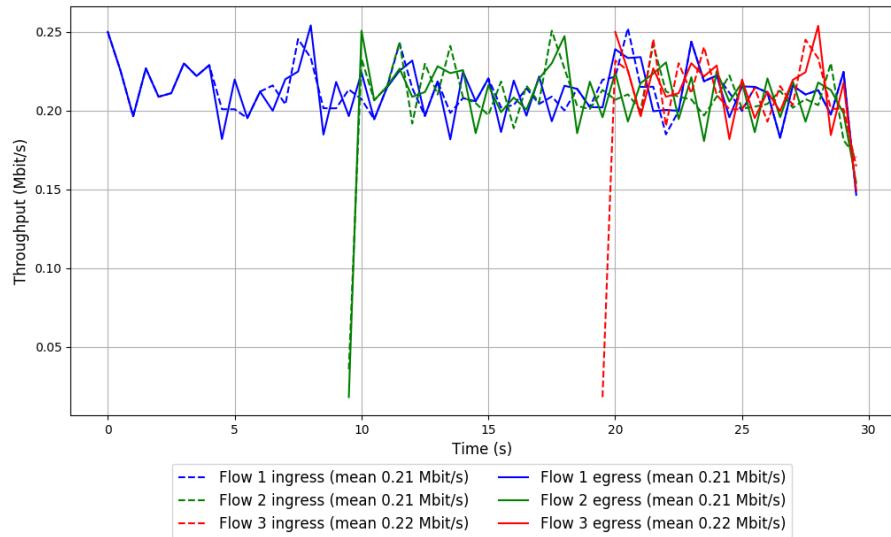


Run 1: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 07:54:38 +0000
End at: Sat, 29 Jul 2017 07:55:08 +0000
Local clock offset: 4.447 ms
Remote clock offset: -3.078 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 15.600 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.629 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.582 ms
Loss rate: 0.35%
```

Run 1: Report of SCReAM — Data Link

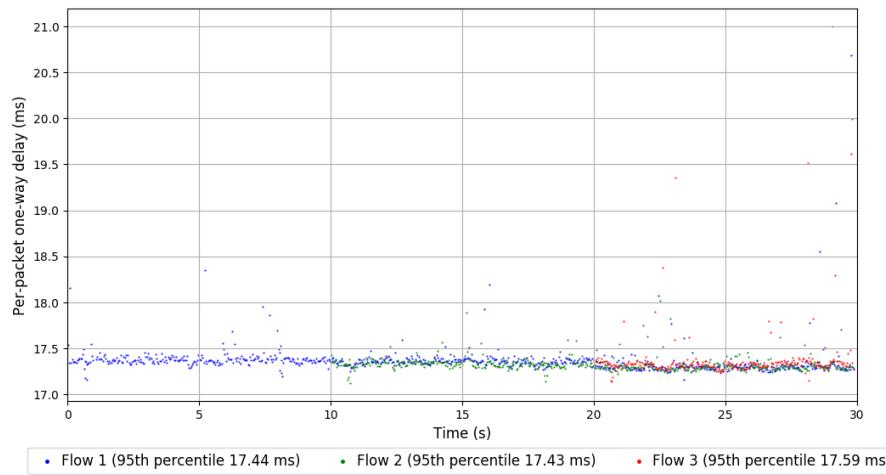
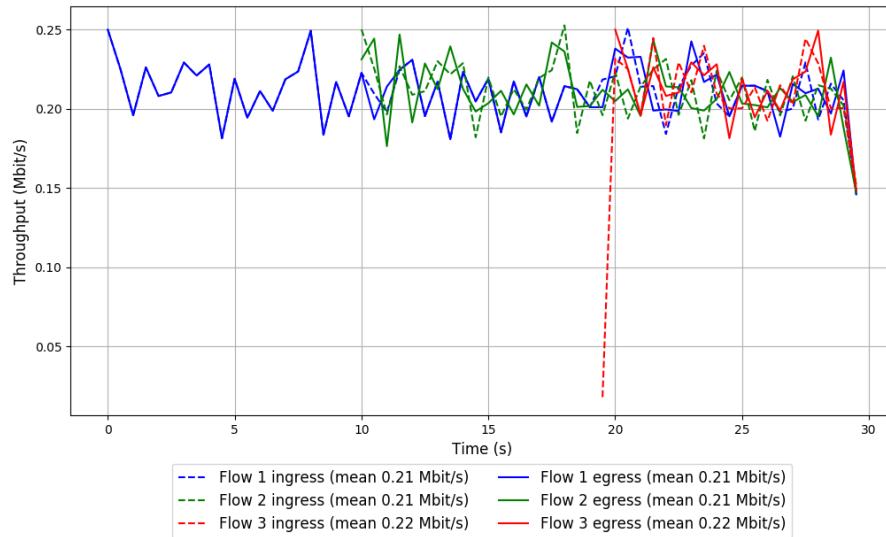


Run 2: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 08:13:32 +0000
End at: Sat, 29 Jul 2017 08:14:02 +0000
Local clock offset: 2.928 ms
Remote clock offset: -5.536 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 17.445 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.431 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.588 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

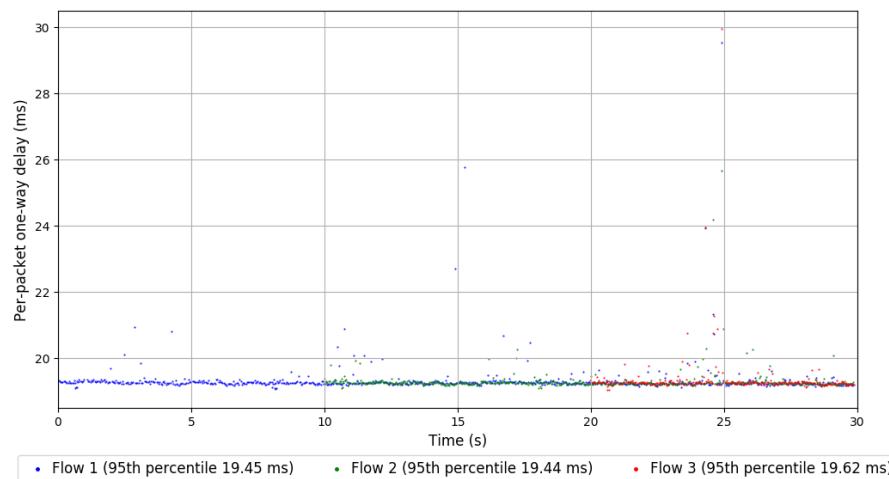
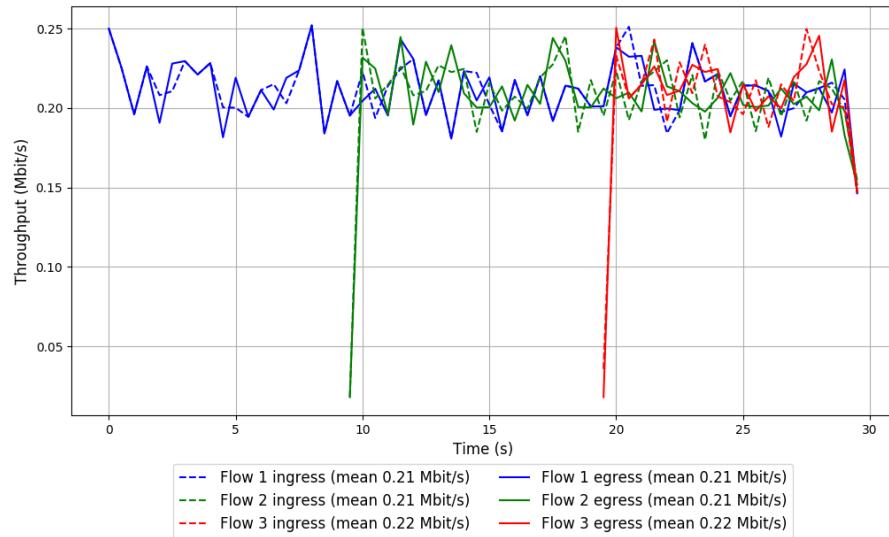


Run 3: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 08:32:45 +0000
End at: Sat, 29 Jul 2017 08:33:15 +0000
Local clock offset: 4.975 ms
Remote clock offset: -5.418 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 19.476 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.437 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.623 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

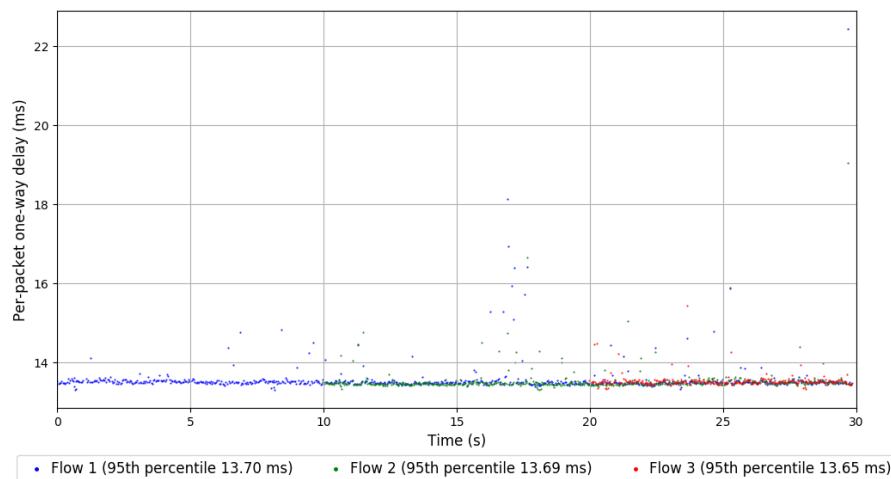
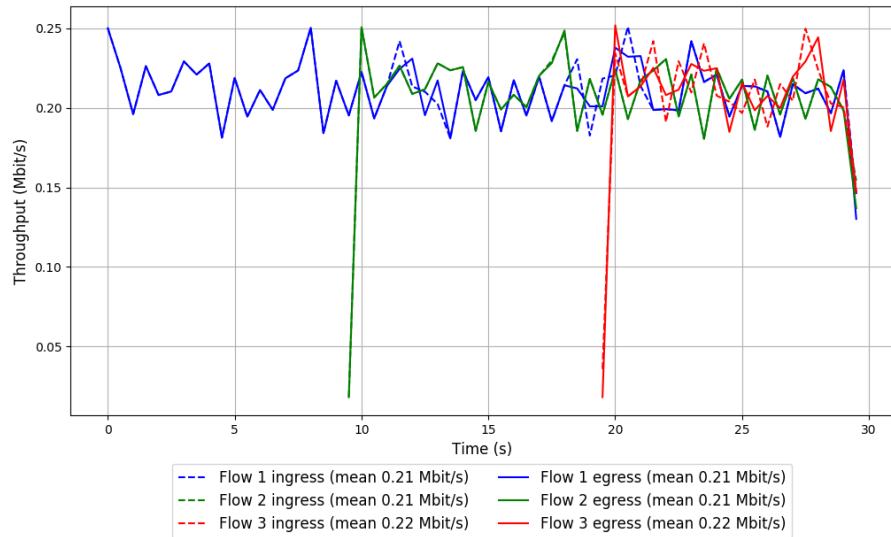


Run 4: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 08:52:20 +0000
End at: Sat, 29 Jul 2017 08:52:50 +0000
Local clock offset: 0.767 ms
Remote clock offset: -3.835 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 13.697 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.697 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.685 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.652 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

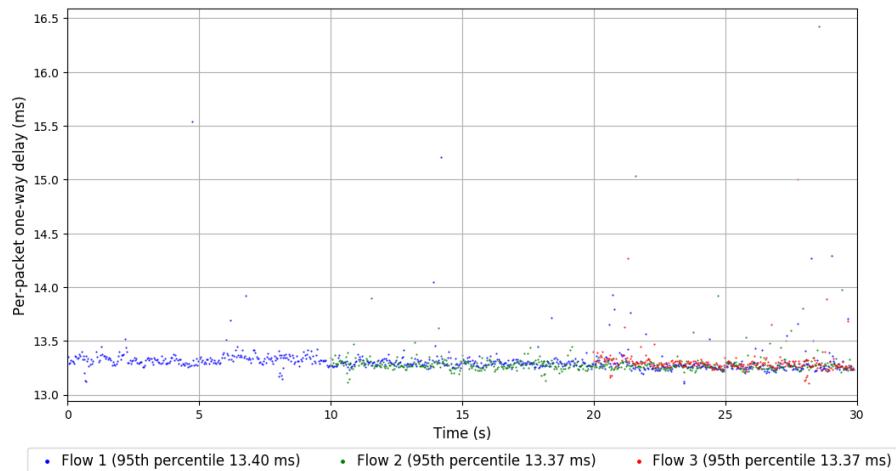
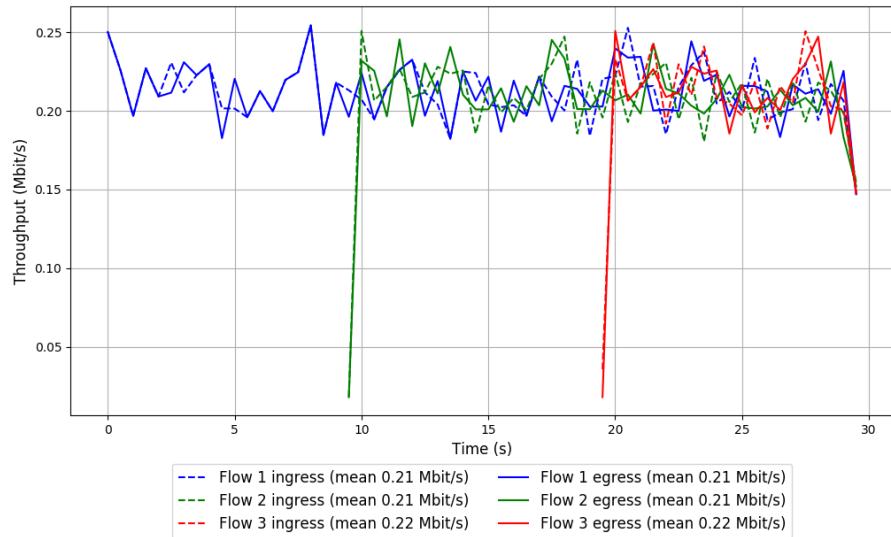


Run 5: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:11:27 +0000
End at: Sat, 29 Jul 2017 09:11:57 +0000
Local clock offset: 0.696 ms
Remote clock offset: -4.228 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.394 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.403 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.368 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.370 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

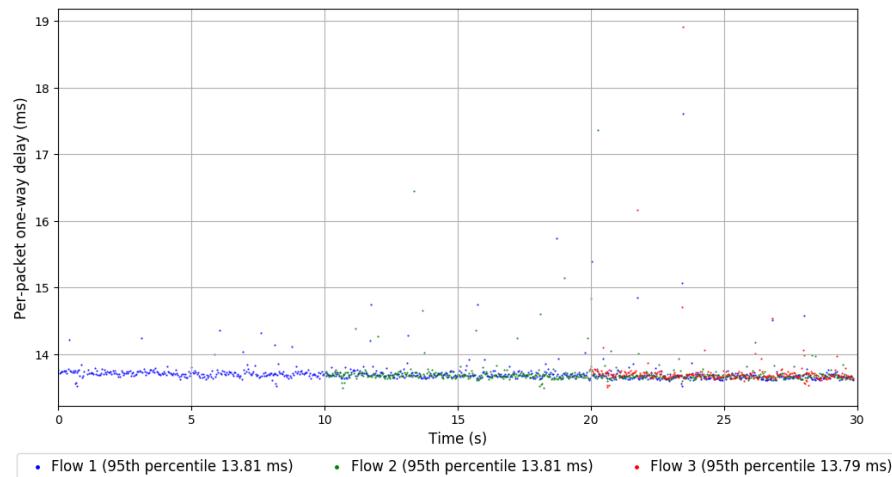
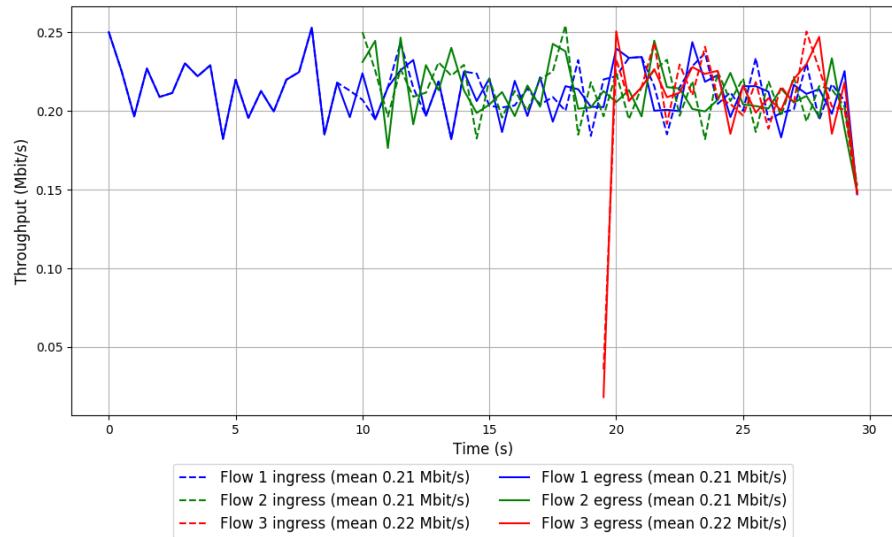


Run 6: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:30:27 +0000
End at: Sat, 29 Jul 2017 09:30:57 +0000
Local clock offset: -2.794 ms
Remote clock offset: -7.697 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.810 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.810 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.790 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

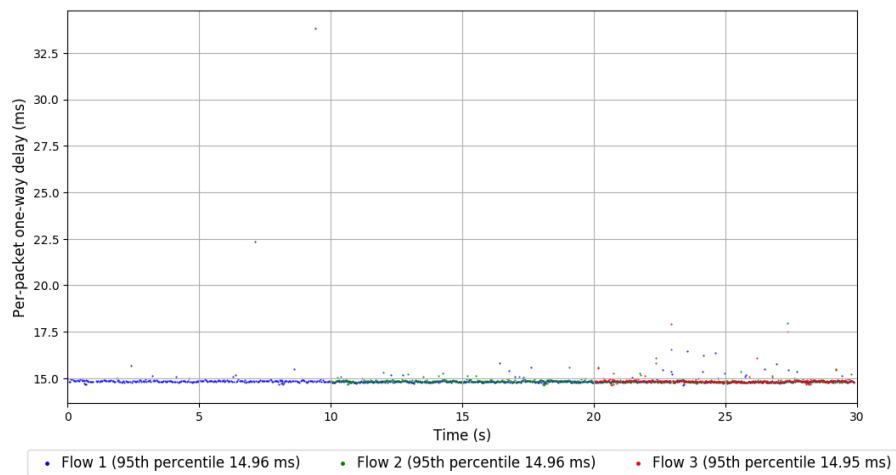
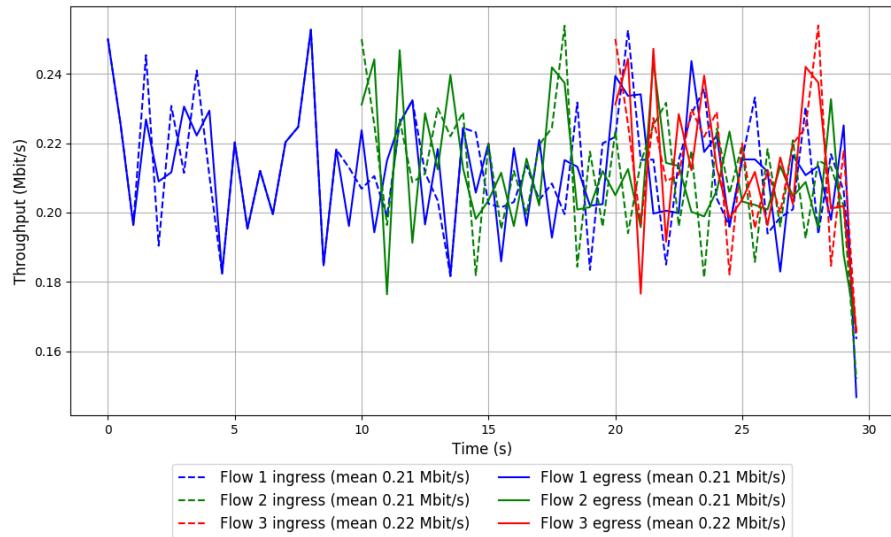


Run 7: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 09:49:27 +0000
End at: Sat, 29 Jul 2017 09:49:57 +0000
Local clock offset: 2.477 ms
Remote clock offset: -3.513 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.958 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.958 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.958 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.947 ms
Loss rate: 0.35%
```

Run 7: Report of SCReAM — Data Link

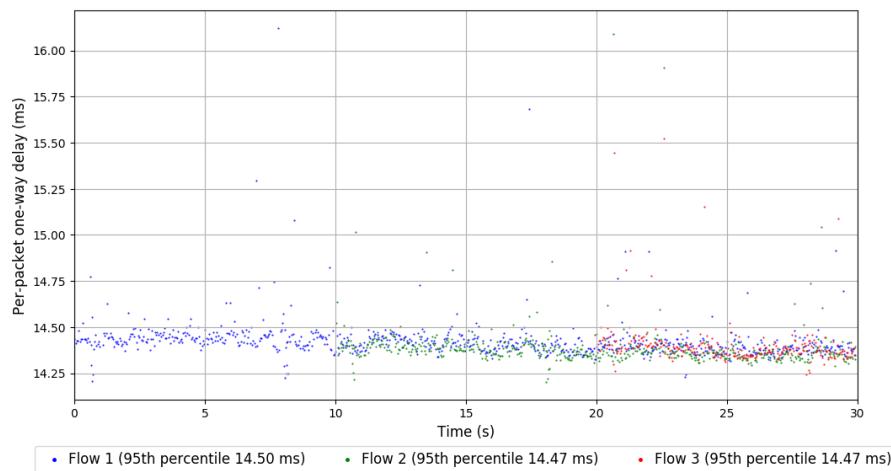
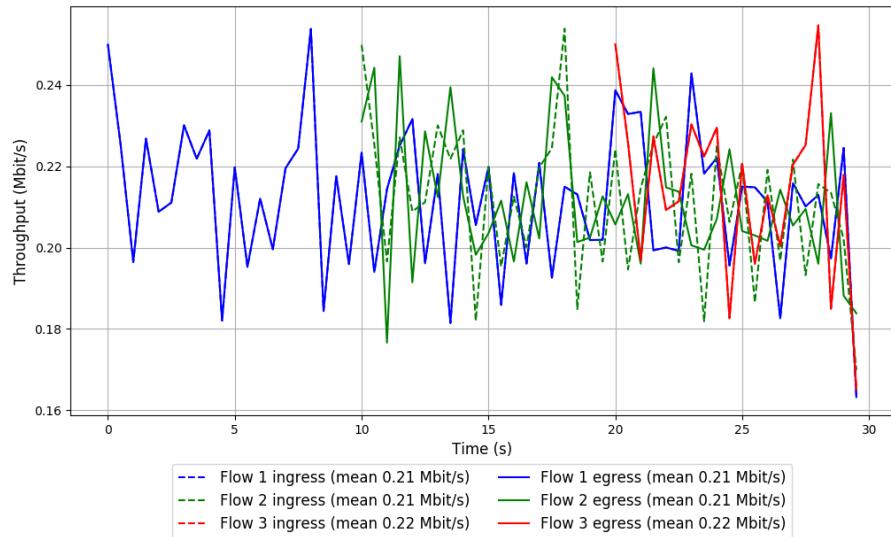


Run 8: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:08:11 +0000
End at: Sat, 29 Jul 2017 10:08:41 +0000
Local clock offset: 1.477 ms
Remote clock offset: -4.212 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.500 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.474 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.471 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

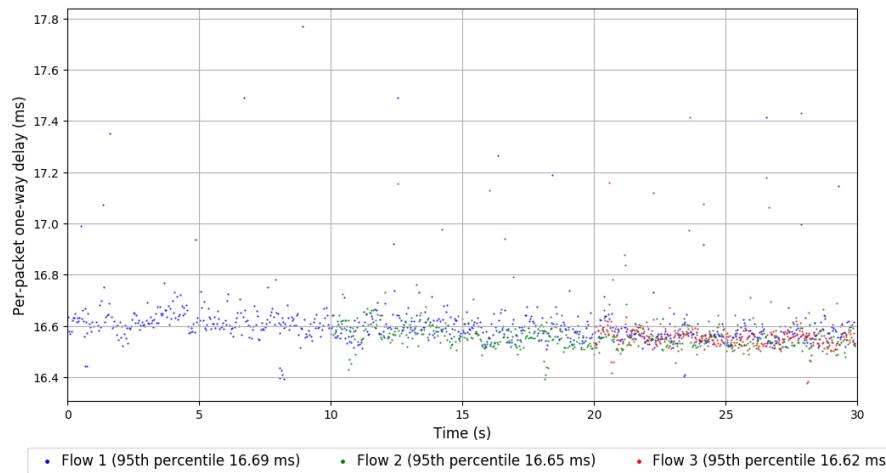
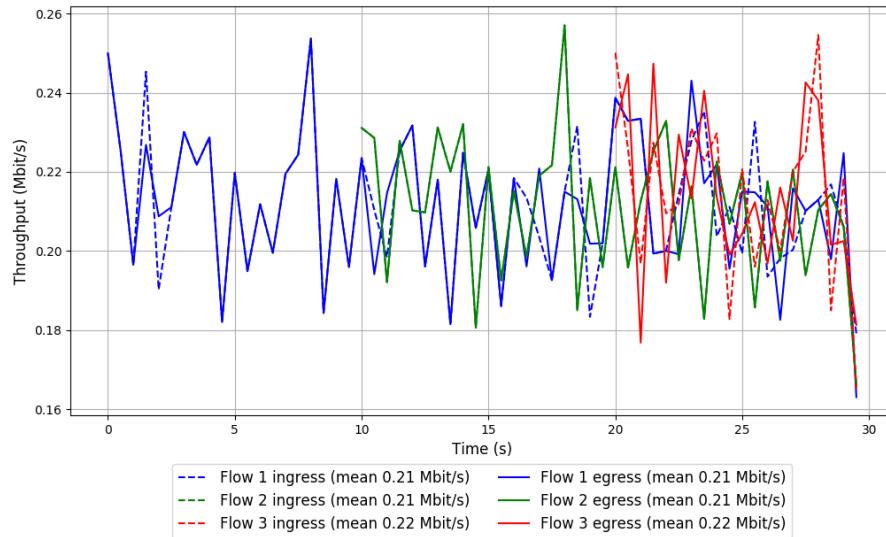


Run 9: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:27:03 +0000
End at: Sat, 29 Jul 2017 10:27:33 +0000
Local clock offset: 2.978 ms
Remote clock offset: -4.947 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 16.674 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.690 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.652 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 16.623 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

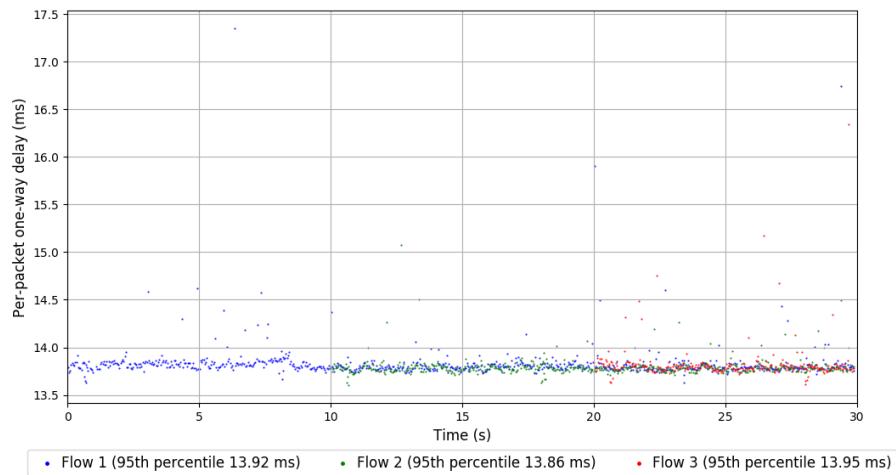
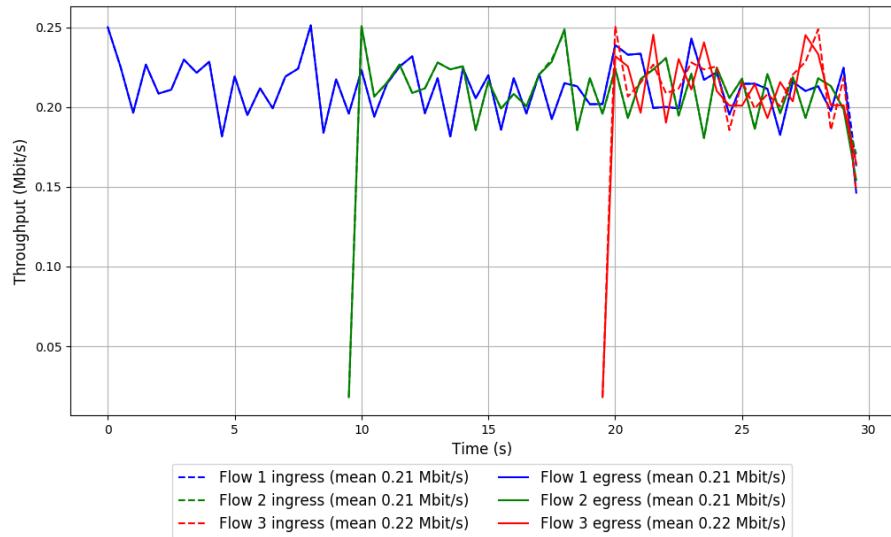


Run 10: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 10:45:54 +0000
End at: Sat, 29 Jul 2017 10:46:24 +0000
Local clock offset: 1.121 ms
Remote clock offset: -4.078 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.908 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.919 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.859 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.949 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

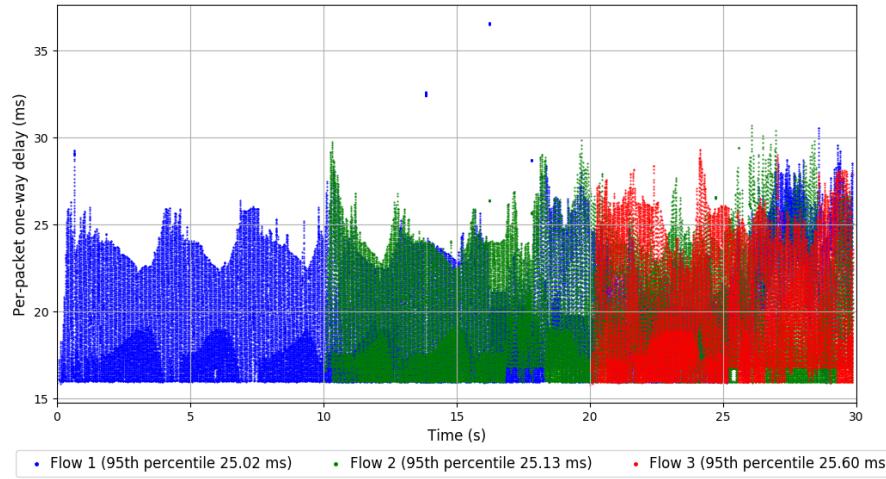
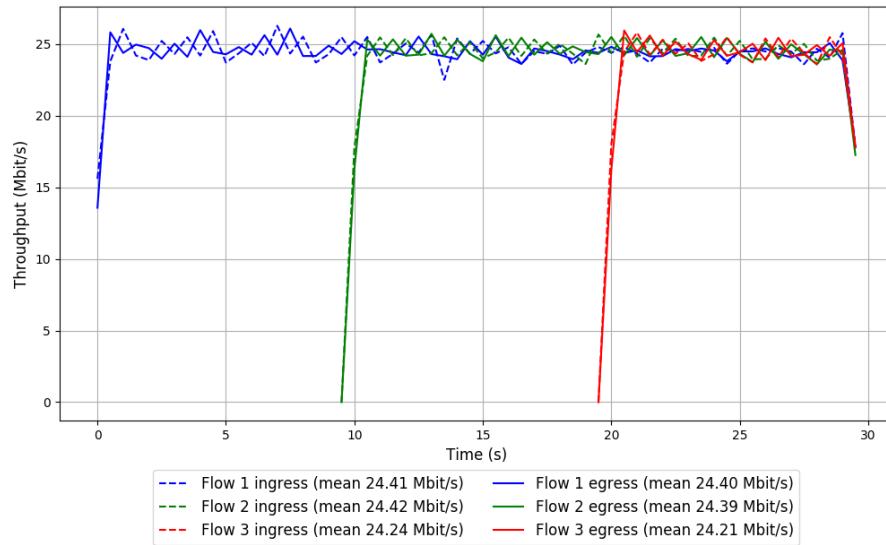


Run 1: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 07:52:05 +0000
End at: Sat, 29 Jul 2017 07:52:35 +0000
Local clock offset: 4.235 ms
Remote clock offset: -3.755 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 25.194 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 25.024 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 25.128 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 25.597 ms
Loss rate: 0.17%
```

Run 1: Report of Sprout — Data Link

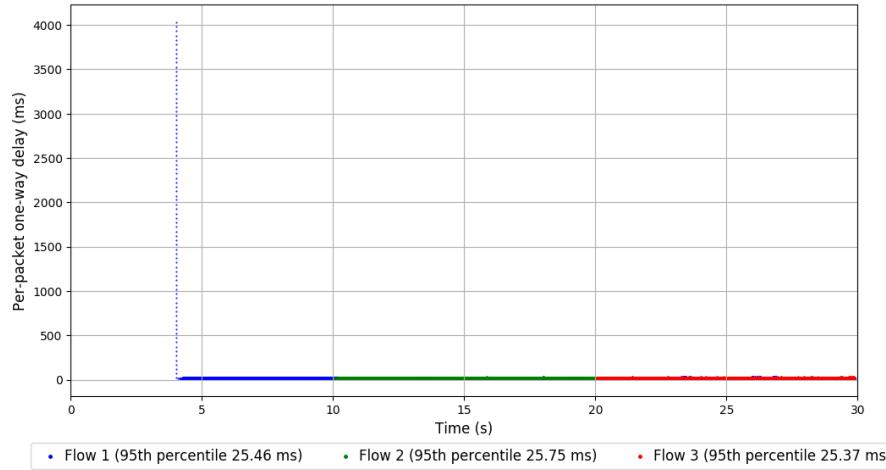
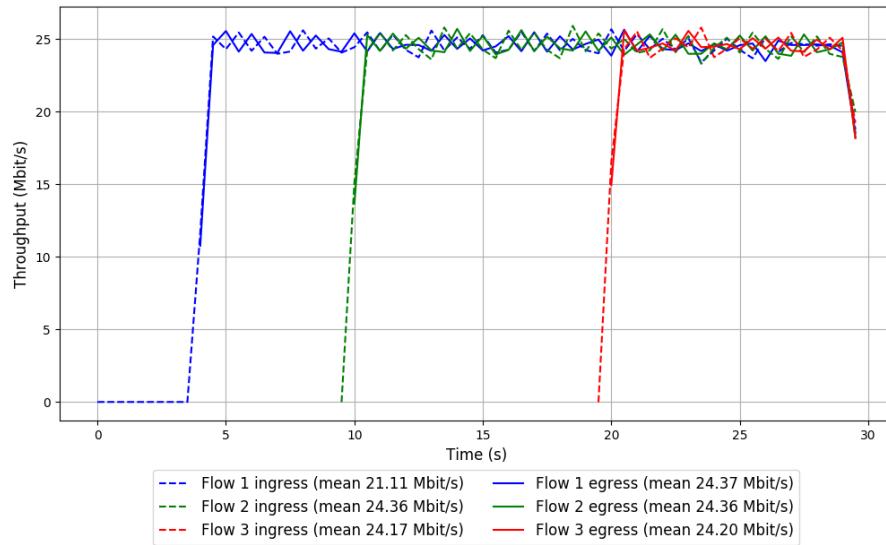


Run 2: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:10:57 +0000
End at: Sat, 29 Jul 2017 08:11:27 +0000
Local clock offset: 2.001 ms
Remote clock offset: -5.452 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.30 Mbit/s
95th percentile per-packet one-way delay: 25.563 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 25.459 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 25.748 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 25.371 ms
Loss rate: 0.32%
```

Run 2: Report of Sprout — Data Link

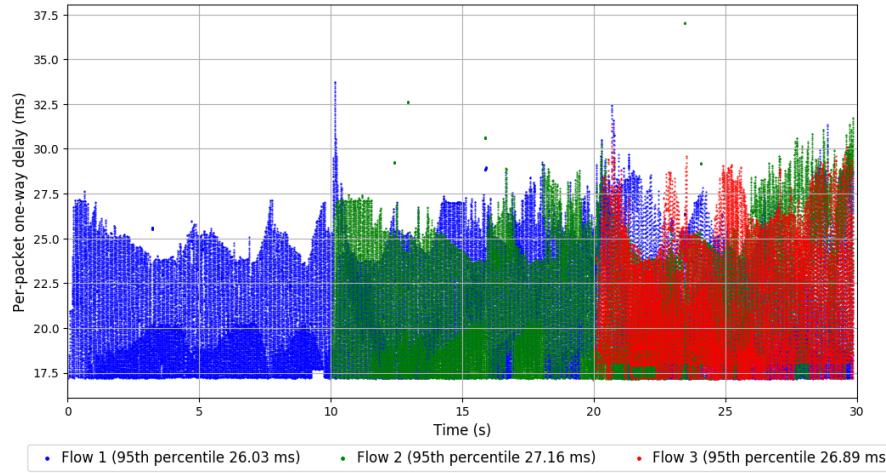
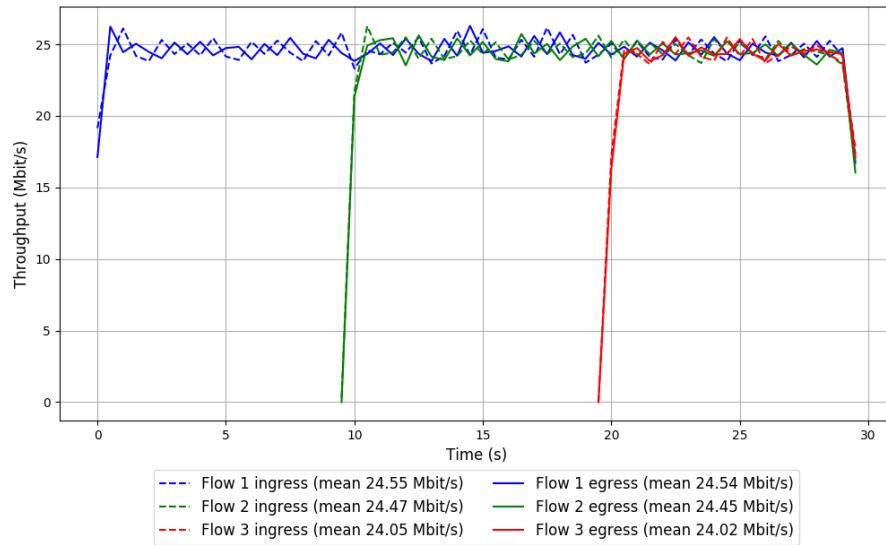


Run 3: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:29:57 +0000
End at: Sat, 29 Jul 2017 08:30:27 +0000
Local clock offset: 3.19 ms
Remote clock offset: -5.118 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.78 Mbit/s
95th percentile per-packet one-way delay: 26.627 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 26.034 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 27.165 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 26.891 ms
Loss rate: 0.24%
```

Run 3: Report of Sprout — Data Link

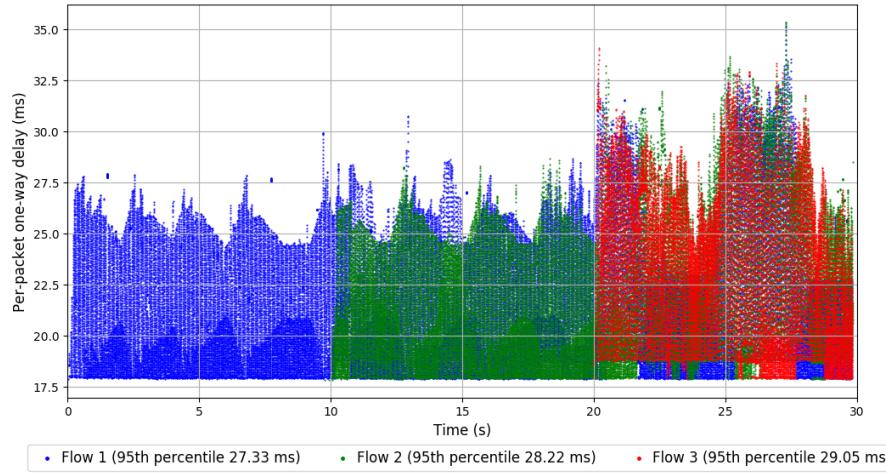
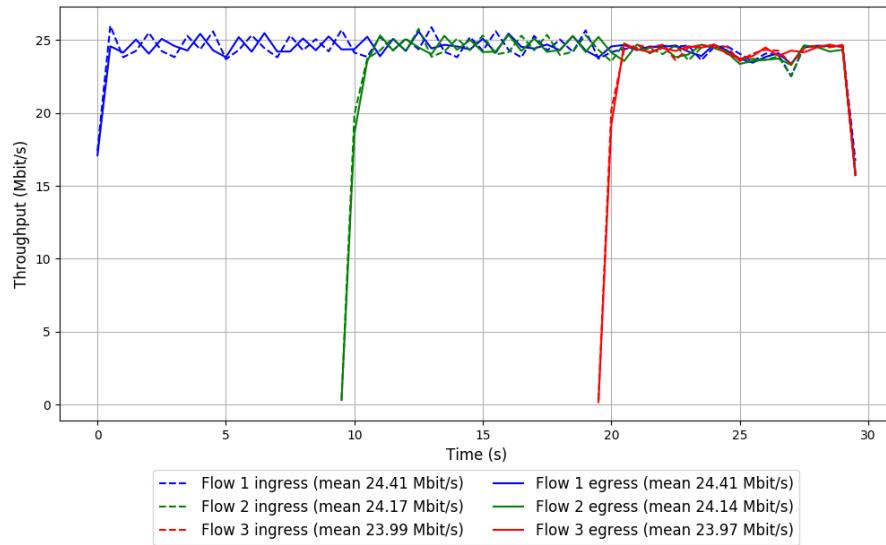


Run 4: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 08:49:40 +0000
End at: Sat, 29 Jul 2017 08:50:10 +0000
Local clock offset: 4.205 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 28.128 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 27.333 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 28.224 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 29.054 ms
Loss rate: 0.23%
```

Run 4: Report of Sprout — Data Link

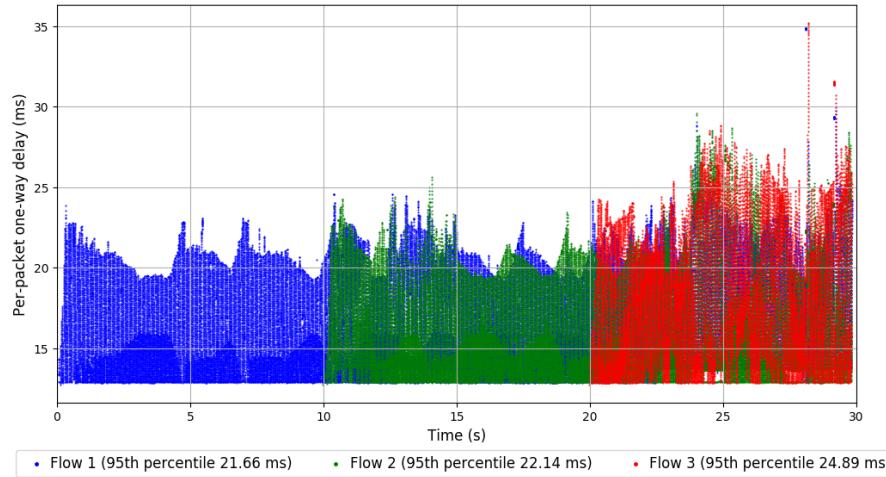
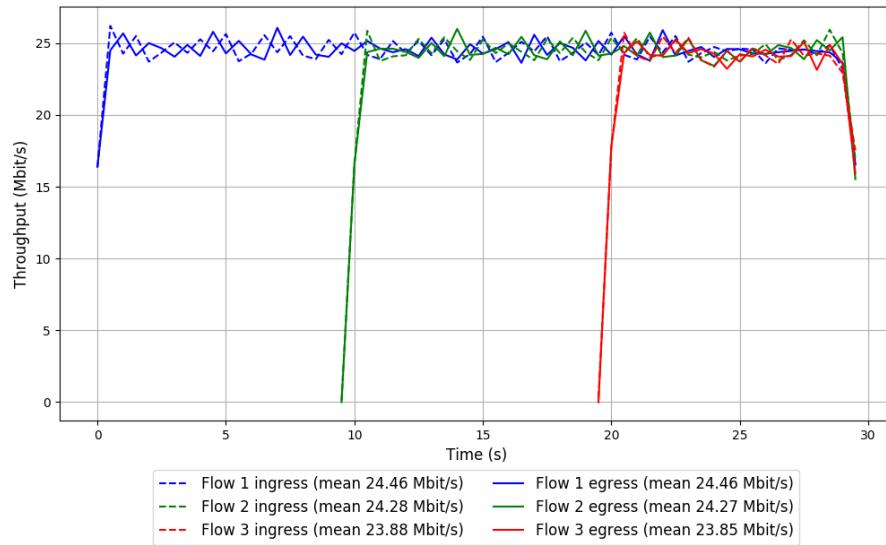


Run 5: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:08:51 +0000
End at: Sat, 29 Jul 2017 09:09:21 +0000
Local clock offset: 0.593 ms
Remote clock offset: -3.99 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 22.610 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 21.664 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 22.137 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 24.891 ms
Loss rate: 0.42%
```

Run 5: Report of Sprout — Data Link

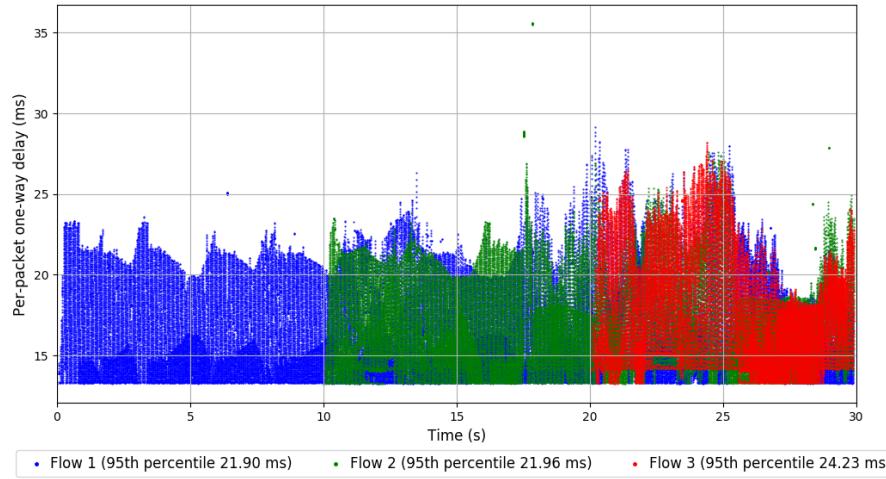
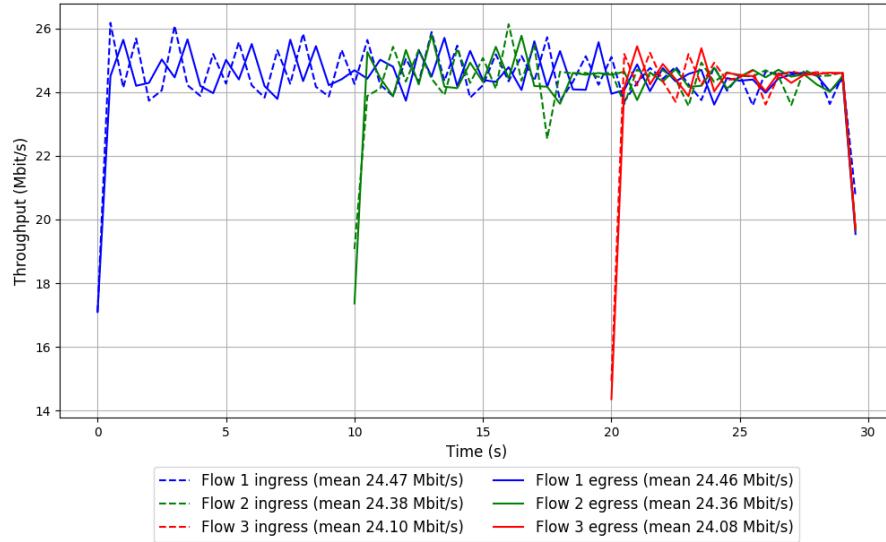


Run 6: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:27:54 +0000
End at: Sat, 29 Jul 2017 09:28:24 +0000
Local clock offset: 0.859 ms
Remote clock offset: -3.781 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.62 Mbit/s
95th percentile per-packet one-way delay: 22.493 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 21.901 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 21.959 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 24.229 ms
Loss rate: 0.21%
```

Run 6: Report of Sprout — Data Link

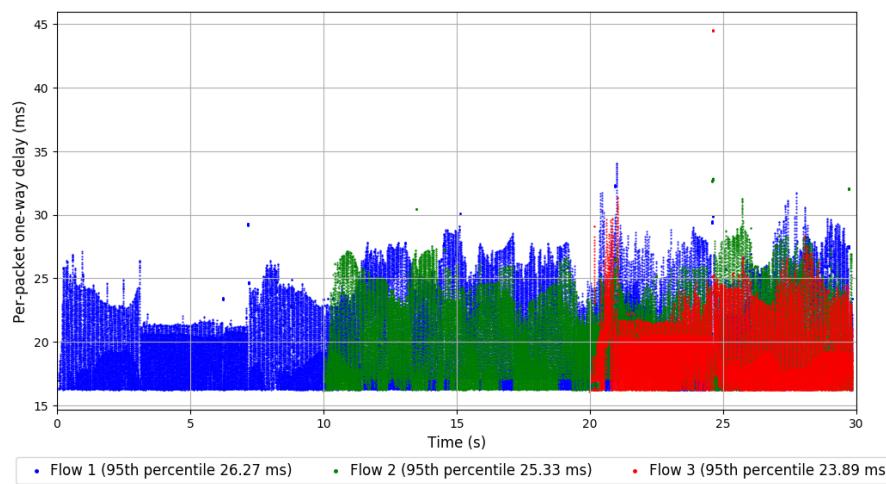
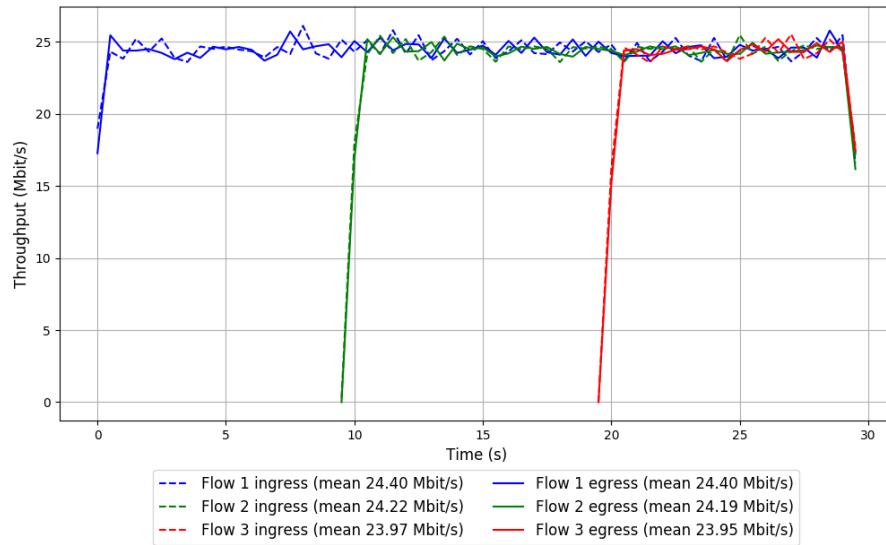


Run 7: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 09:46:54 +0000
End at: Sat, 29 Jul 2017 09:47:24 +0000
Local clock offset: 3.573 ms
Remote clock offset: -3.881 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.44 Mbit/s
95th percentile per-packet one-way delay: 25.712 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 26.272 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 25.332 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 23.891 ms
Loss rate: 0.20%
```

Run 7: Report of Sprout — Data Link

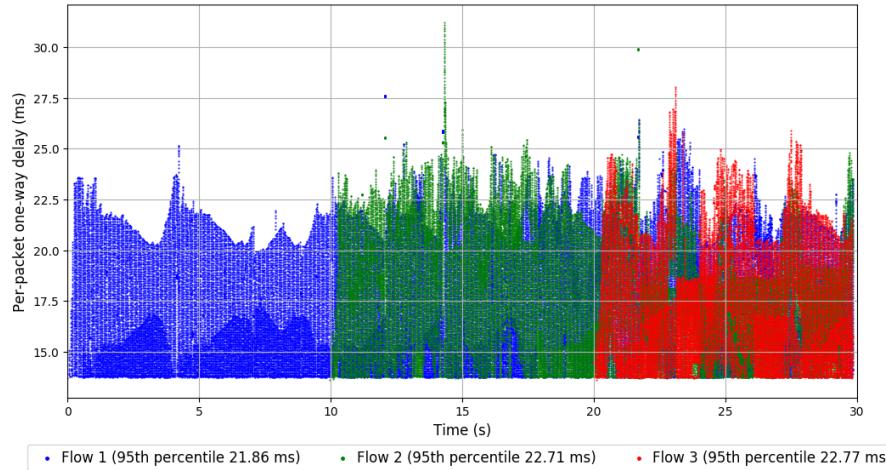
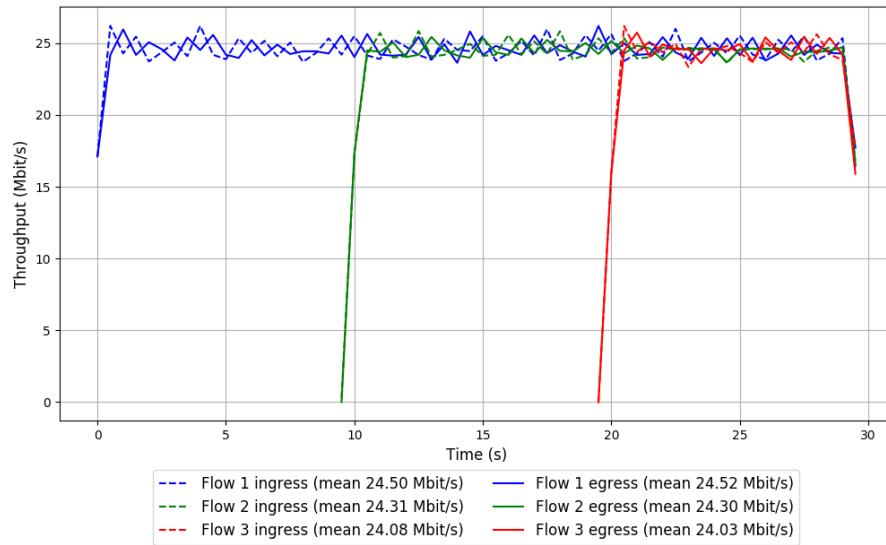


Run 8: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:05:35 +0000
End at: Sat, 29 Jul 2017 10:06:05 +0000
Local clock offset: 2.263 ms
Remote clock offset: -2.809 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 22.321 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 21.856 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 22.714 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 22.769 ms
Loss rate: 0.41%
```

Run 8: Report of Sprout — Data Link

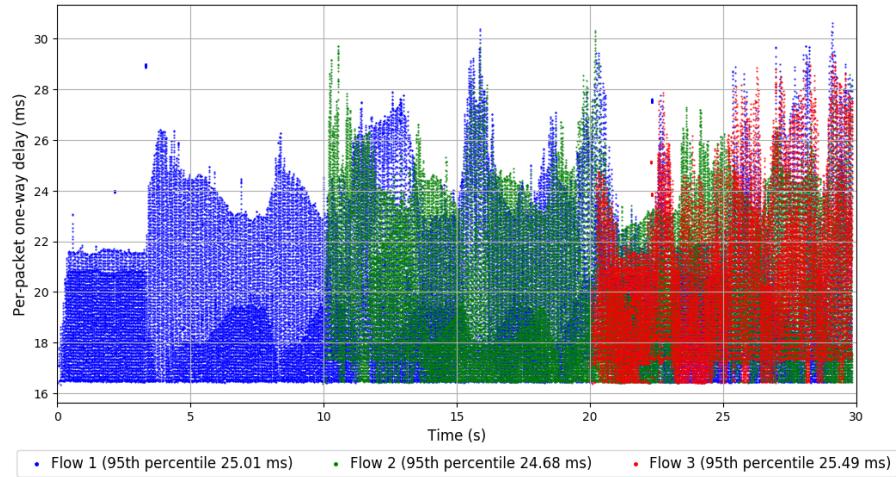
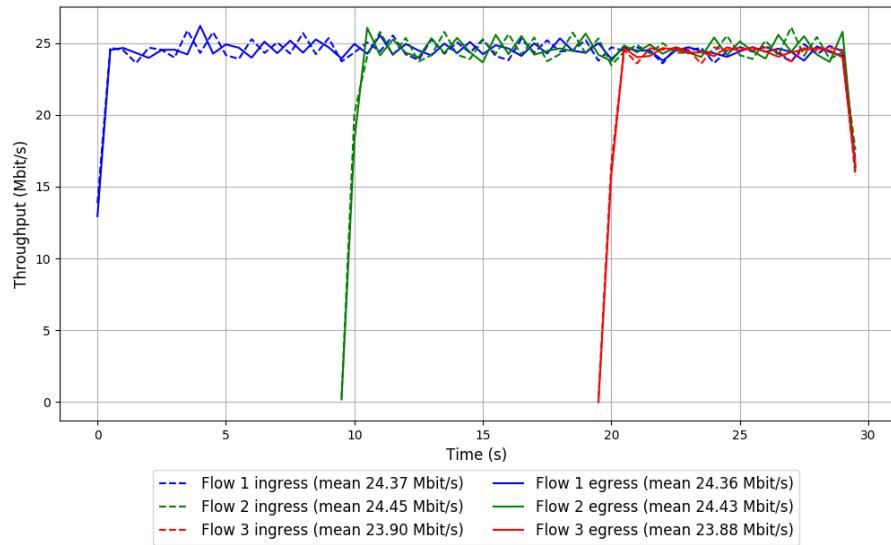


Run 9: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:24:28 +0000
End at: Sat, 29 Jul 2017 10:24:58 +0000
Local clock offset: 2.898 ms
Remote clock offset: -4.965 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:38:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.55 Mbit/s
95th percentile per-packet one-way delay: 24.966 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 25.012 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 24.680 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 25.486 ms
Loss rate: 0.19%
```

Run 9: Report of Sprout — Data Link

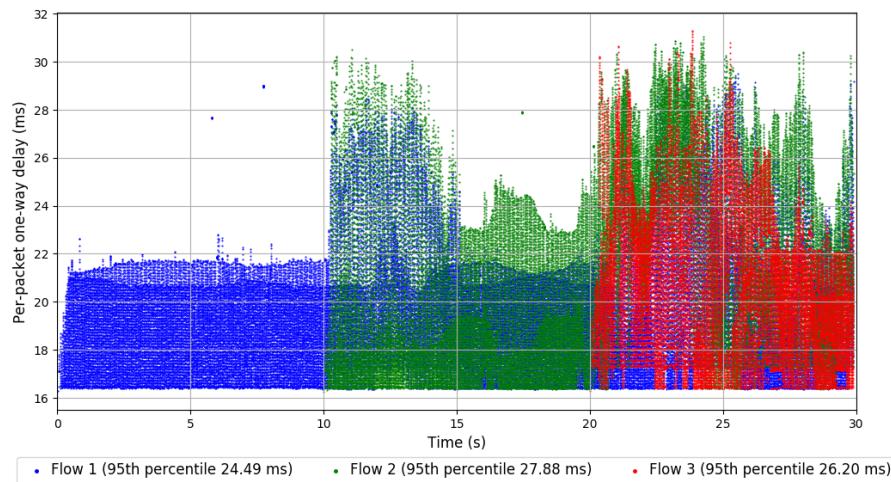
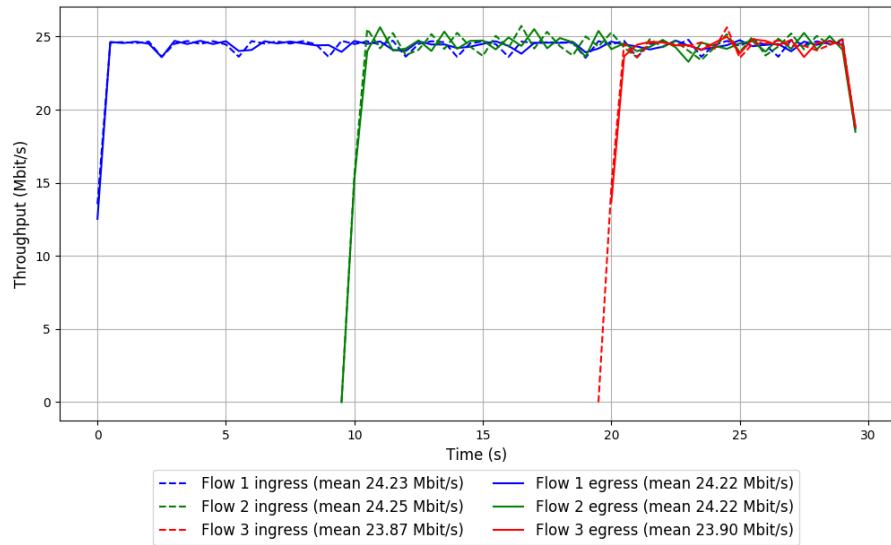


Run 10: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 10:43:15 +0000
End at: Sat, 29 Jul 2017 10:43:45 +0000
Local clock offset: 3.815 ms
Remote clock offset: -4.036 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:39:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 26.565 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 24.489 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 27.876 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.90 Mbit/s
95th percentile per-packet one-way delay: 26.204 ms
Loss rate: 0.24%
```

Run 10: Report of Sprout — Data Link

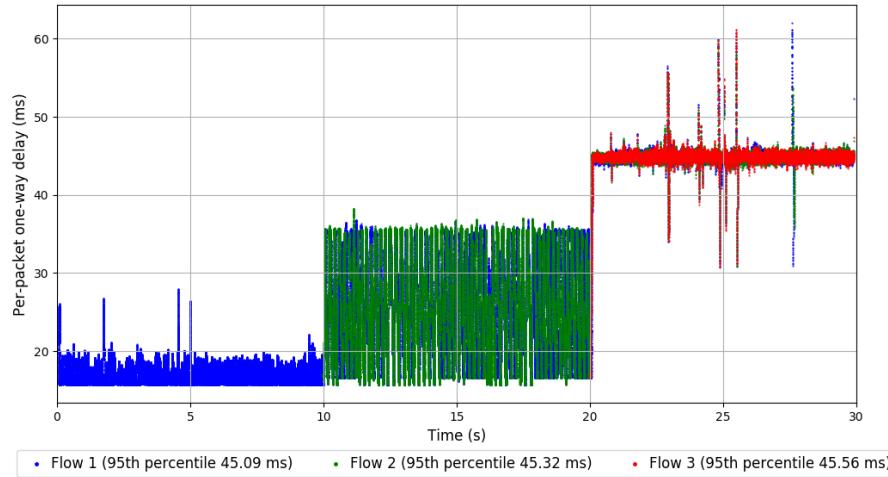
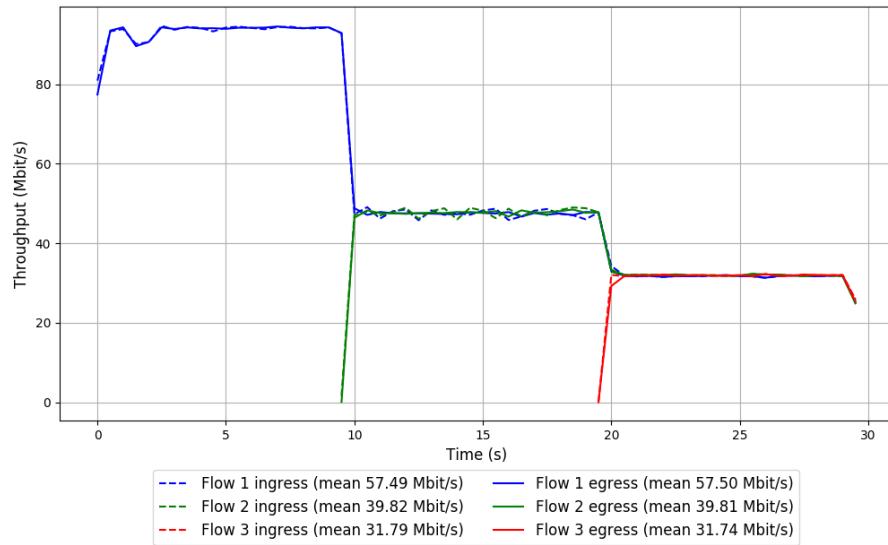


Run 1: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 07:53:15 +0000
End at: Sat, 29 Jul 2017 07:53:45 +0000
Local clock offset: 3.647 ms
Remote clock offset: -4.203 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:39:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 45.271 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.50 Mbit/s
95th percentile per-packet one-way delay: 45.088 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 45.324 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 45.561 ms
Loss rate: 0.55%
```

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

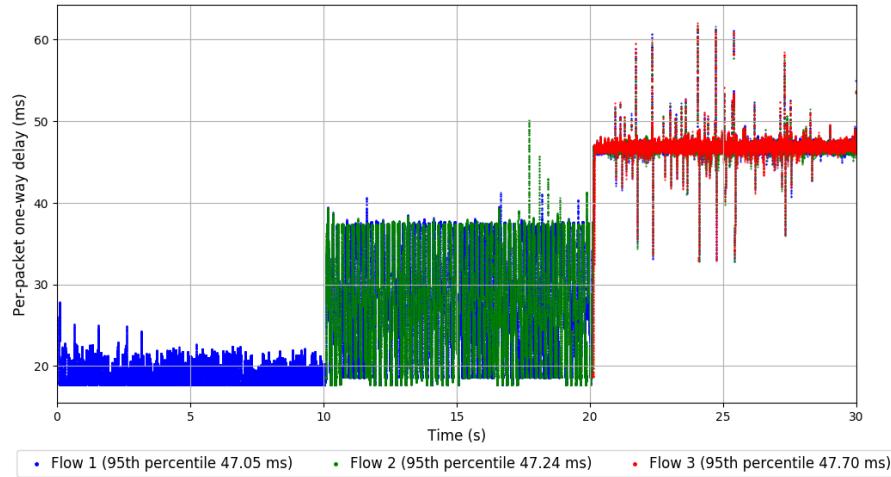
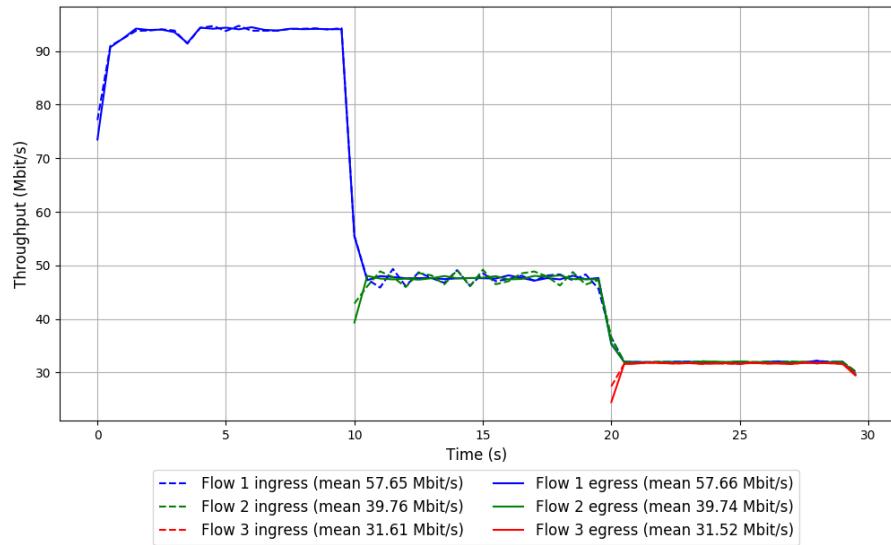


Run 2: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:12:09 +0000
End at: Sat, 29 Jul 2017 08:12:39 +0000
Local clock offset: 2.87 ms
Remote clock offset: -6.059 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:39:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 47.256 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 47.047 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 47.242 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 47.701 ms
Loss rate: 0.55%
```

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

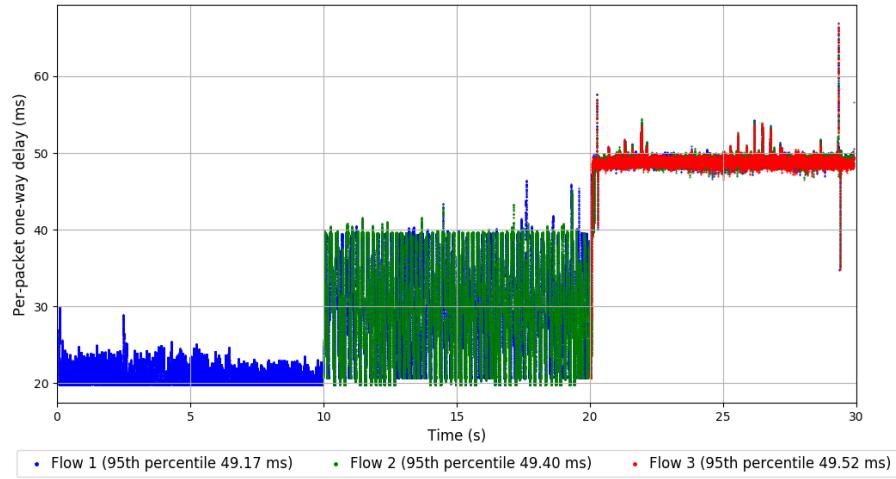
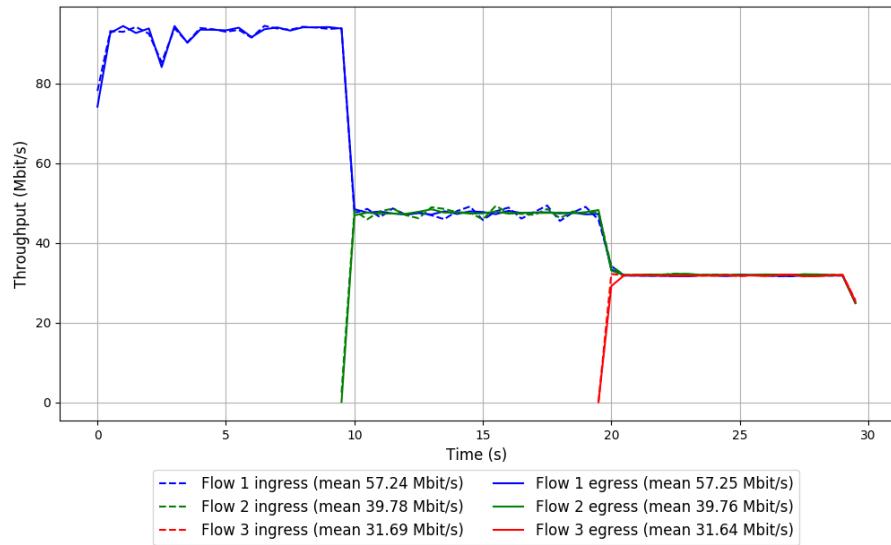


Run 3: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:31:10 +0000
End at: Sat, 29 Jul 2017 08:31:40 +0000
Local clock offset: 5.033 ms
Remote clock offset: -5.966 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:39:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 49.304 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.25 Mbit/s
95th percentile per-packet one-way delay: 49.168 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 49.398 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 49.521 ms
Loss rate: 0.57%
```

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

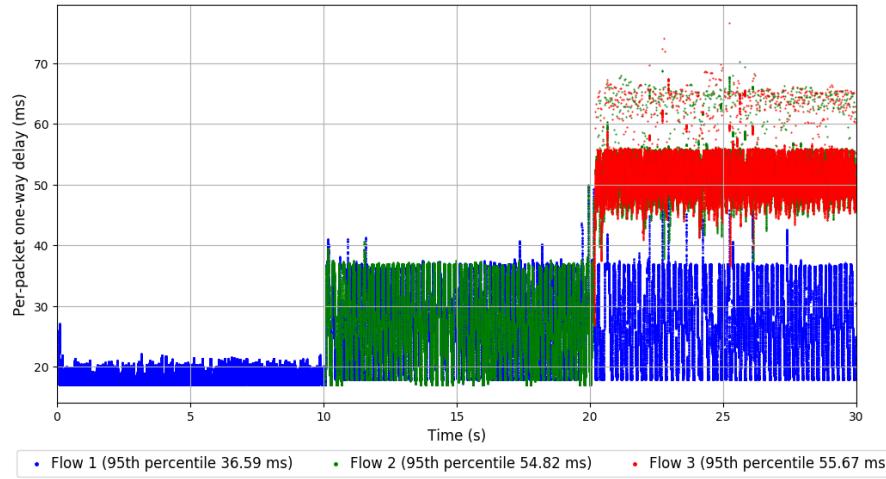
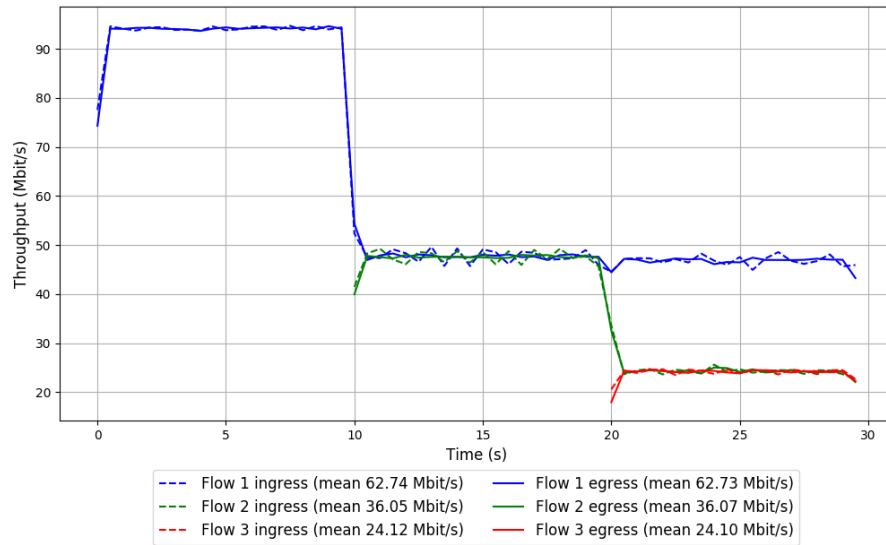


Run 4: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 08:50:51 +0000
End at: Sat, 29 Jul 2017 08:51:21 +0000
Local clock offset: 4.693 ms
Remote clock offset: -3.52 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:39:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 53.341 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 62.73 Mbit/s
95th percentile per-packet one-way delay: 36.586 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.07 Mbit/s
95th percentile per-packet one-way delay: 54.816 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 55.675 ms
Loss rate: 0.65%
```

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

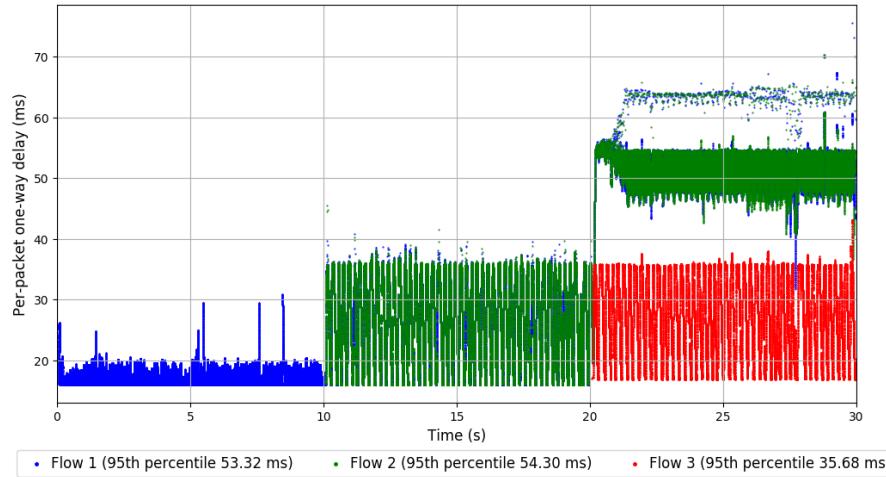
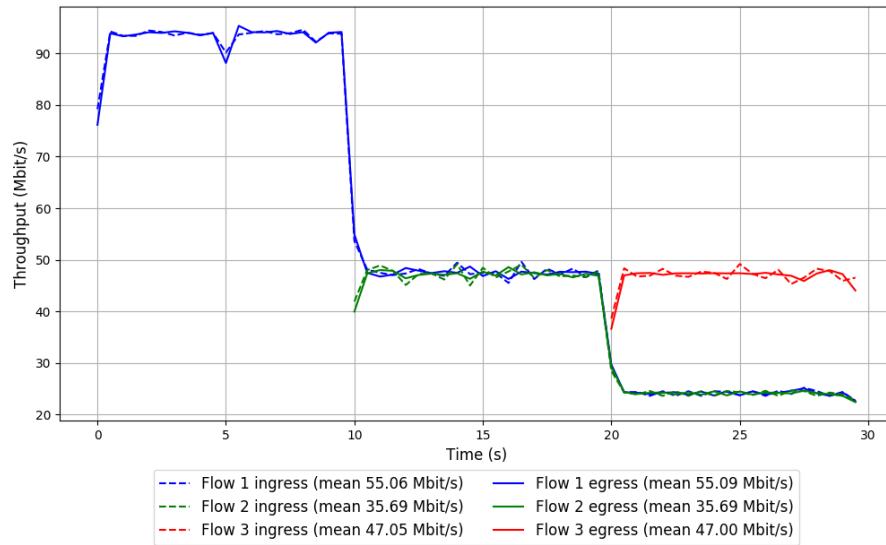


Run 5: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:10:01 +0000
End at: Sat, 29 Jul 2017 09:10:31 +0000
Local clock offset: 3.27 ms
Remote clock offset: -4.464 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 53.648 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 35.679 ms
Loss rate: 0.45%
```

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

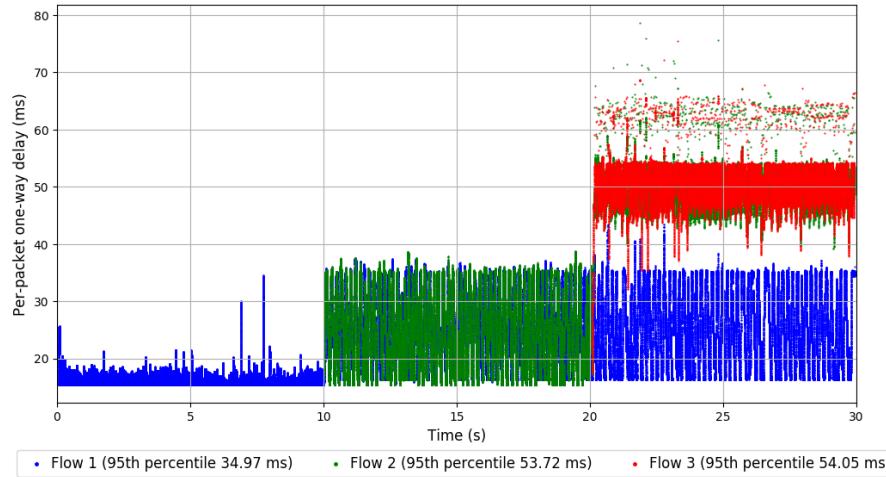
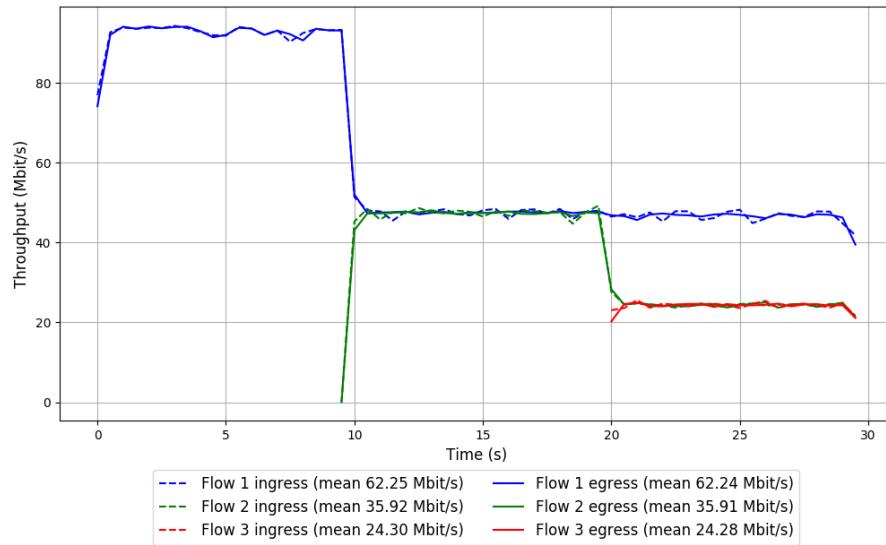


Run 6: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:29:03 +0000
End at: Sat, 29 Jul 2017 09:29:33 +0000
Local clock offset: 3.276 ms
Remote clock offset: -3.478 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 52.450 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 34.972 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 53.715 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 54.055 ms
Loss rate: 0.61%
```

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

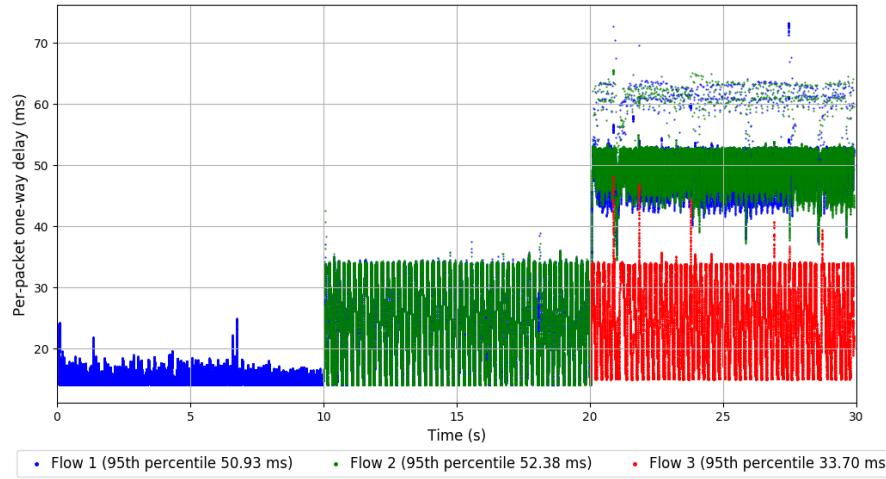
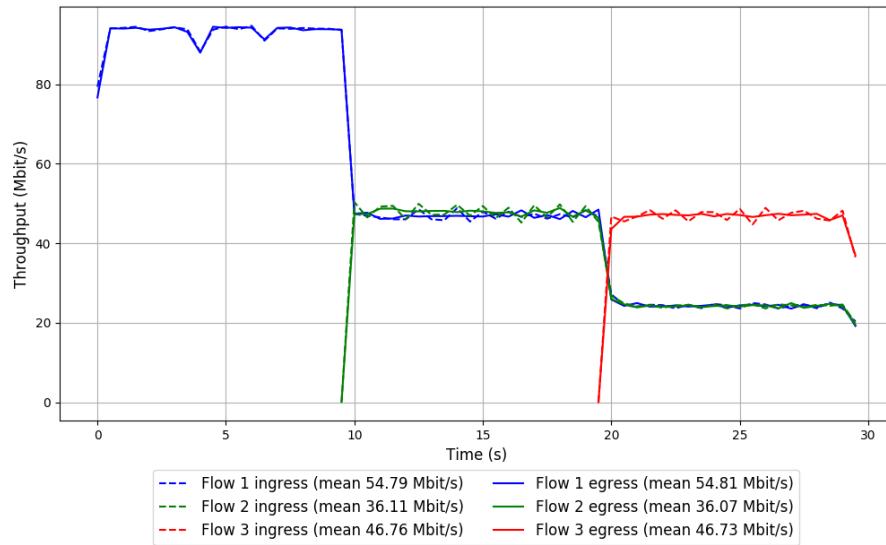


Run 7: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 09:48:03 +0000
End at: Sat, 29 Jul 2017 09:48:33 +0000
Local clock offset: 2.193 ms
Remote clock offset: -3.12 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 51.293 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 50.930 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.07 Mbit/s
95th percentile per-packet one-way delay: 52.375 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 33.697 ms
Loss rate: 0.27%
```

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

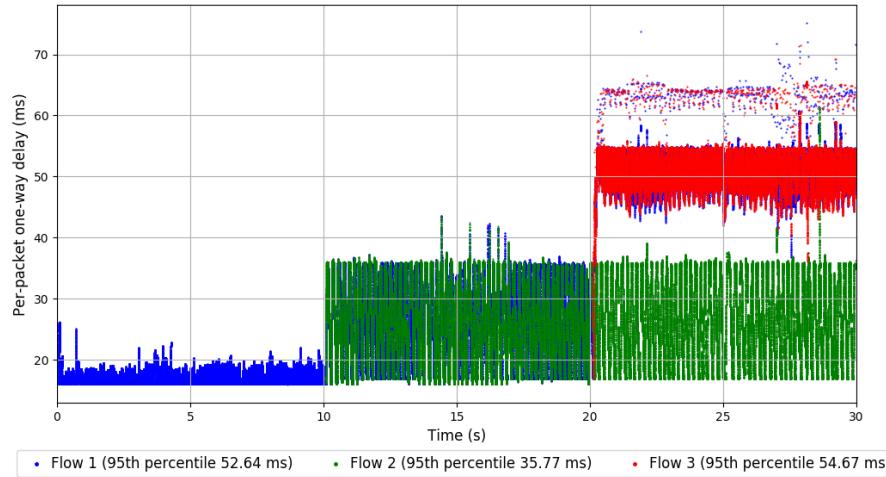
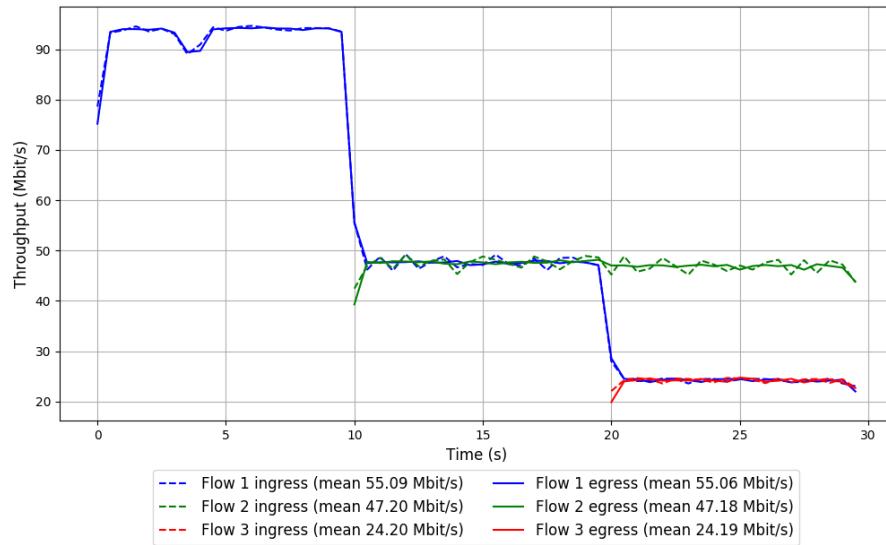


Run 8: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 10:06:45 +0000
End at: Sat, 29 Jul 2017 10:07:15 +0000
Local clock offset: 3.639 ms
Remote clock offset: -3.749 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 53.045 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.06 Mbit/s
95th percentile per-packet one-way delay: 52.641 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 35.773 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 54.671 ms
Loss rate: 0.57%
```

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

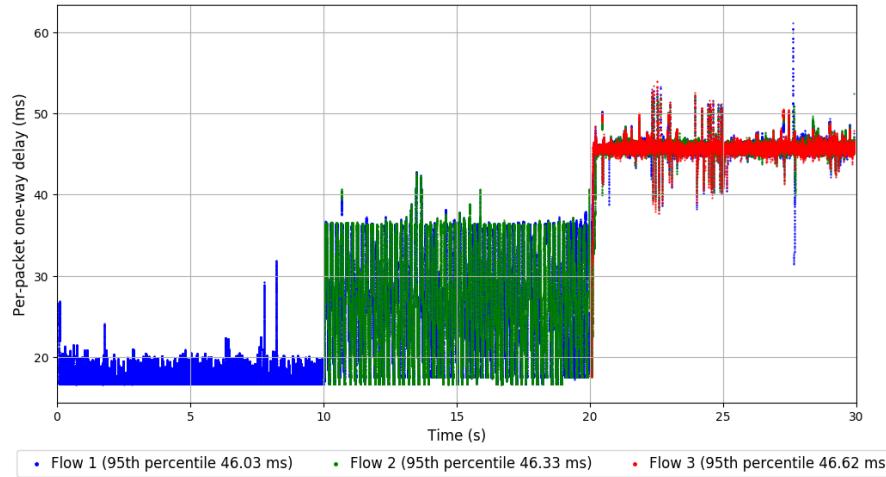
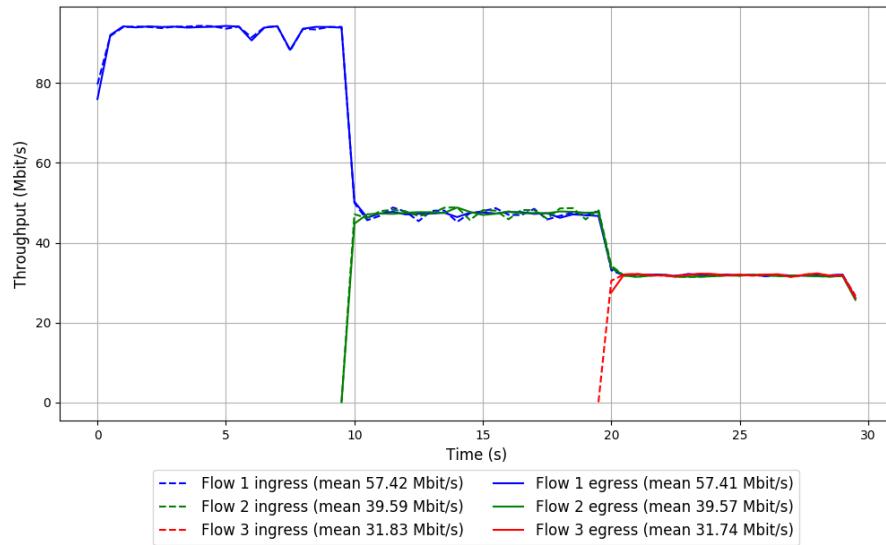


Run 9: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 10:25:38 +0000
End at: Sat, 29 Jul 2017 10:26:08 +0000
Local clock offset: 3.636 ms
Remote clock offset: -4.5 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.30 Mbit/s
95th percentile per-packet one-way delay: 46.220 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 46.028 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 46.325 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 46.616 ms
Loss rate: 0.54%
```

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

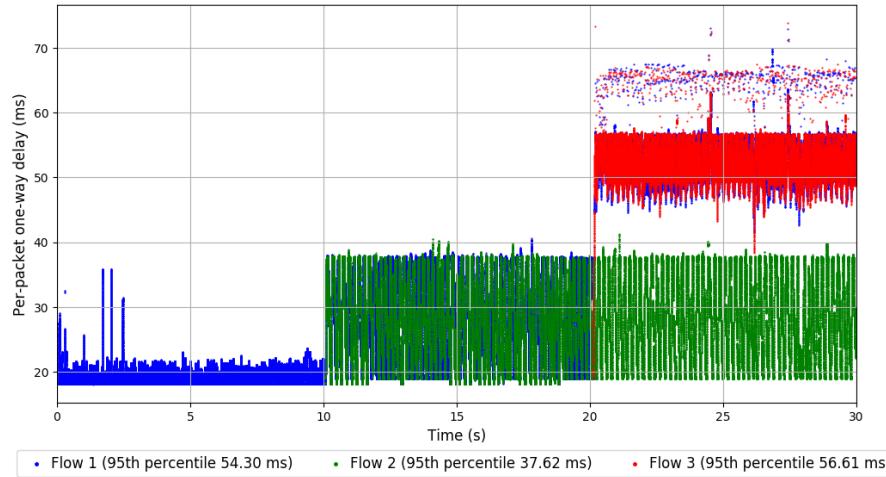
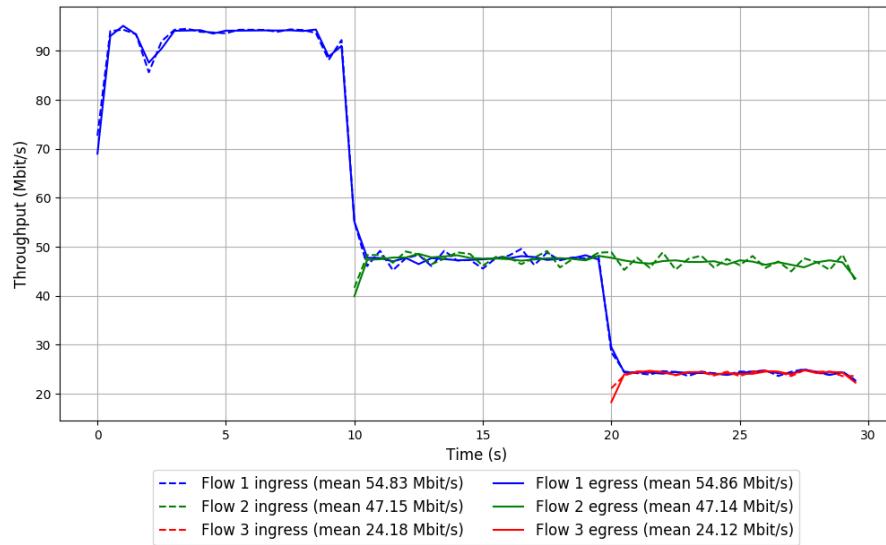


Run 10: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 10:44:25 +0000
End at: Sat, 29 Jul 2017 10:44:55 +0000
Local clock offset: -0.909 ms
Remote clock offset: -10.497 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:40:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.19 Mbit/s
95th percentile per-packet one-way delay: 54.626 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.86 Mbit/s
95th percentile per-packet one-way delay: 54.303 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 37.625 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 56.606 ms
Loss rate: 0.70%
```

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

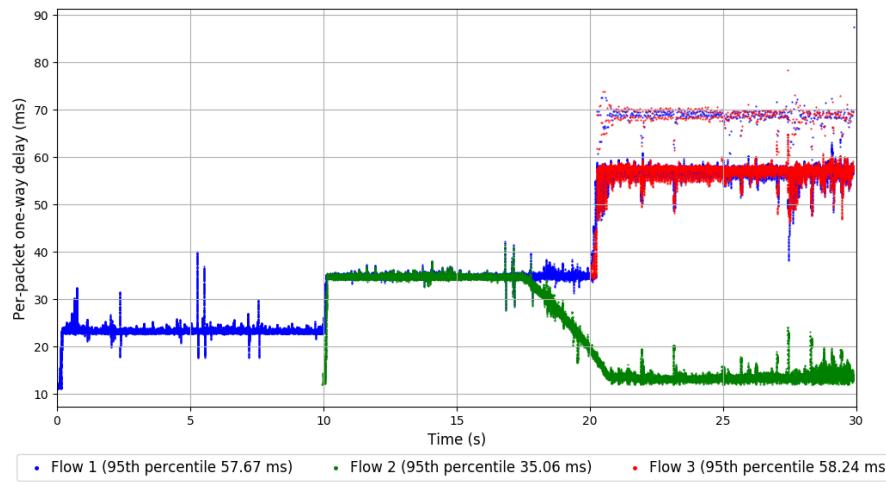
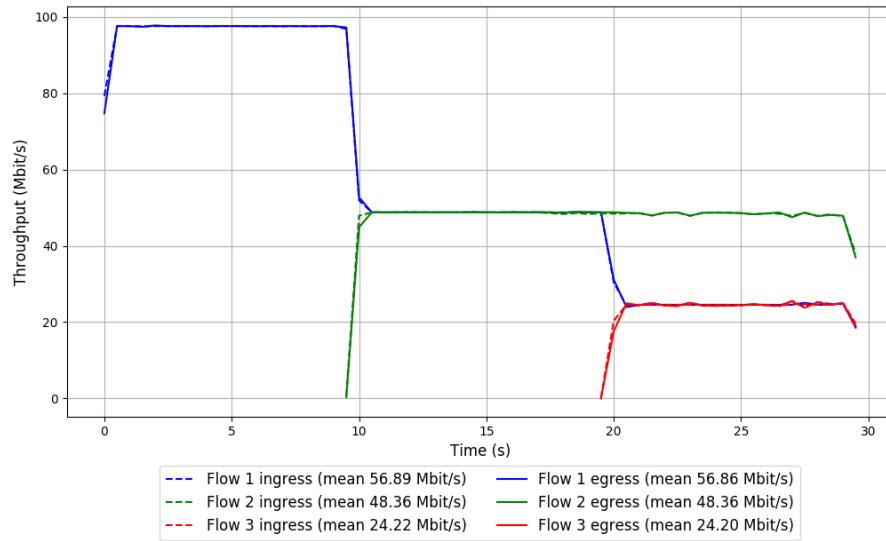


Run 1: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 07:41:43 +0000
End at: Sat, 29 Jul 2017 07:42:13 +0000
Local clock offset: 1.391 ms
Remote clock offset: -3.233 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 57.720 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.86 Mbit/s
95th percentile per-packet one-way delay: 57.667 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 35.057 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 58.238 ms
Loss rate: 0.73%
```

Run 1: Report of TCP Vegas — Data Link

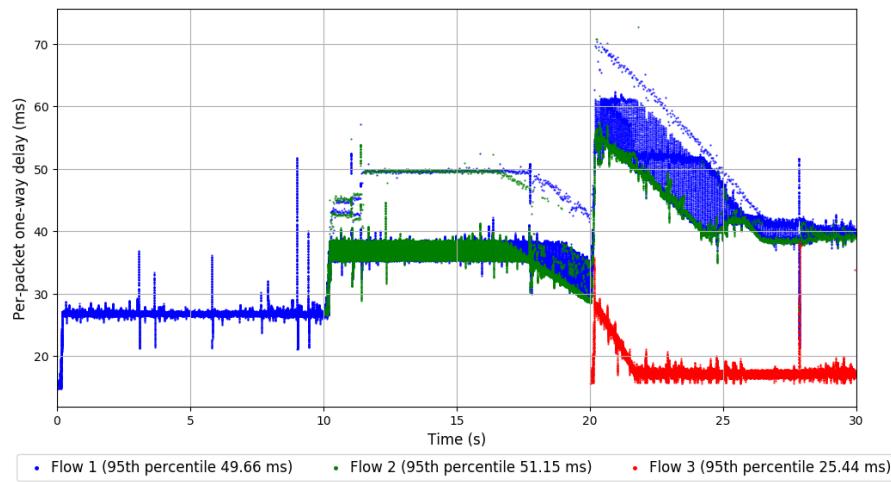
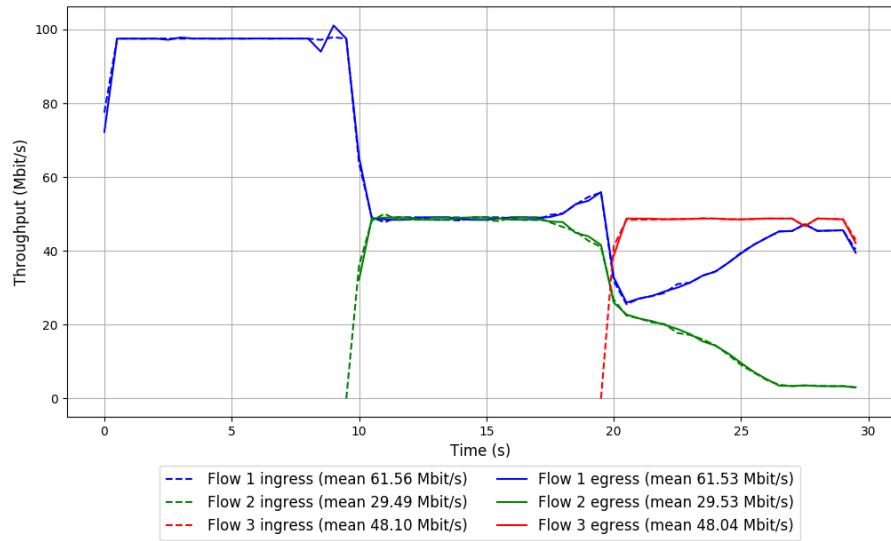


Run 2: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:01:02 +0000
End at: Sat, 29 Jul 2017 08:01:32 +0000
Local clock offset: 3.212 ms
Remote clock offset: -3.636 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 48.981 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.53 Mbit/s
95th percentile per-packet one-way delay: 49.659 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 51.152 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 48.04 Mbit/s
95th percentile per-packet one-way delay: 25.443 ms
Loss rate: 0.28%
```

Run 2: Report of TCP Vegas — Data Link

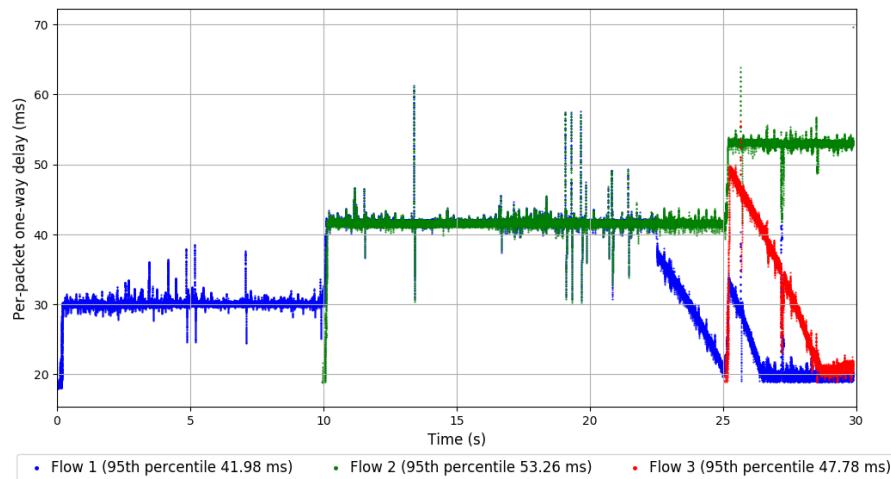
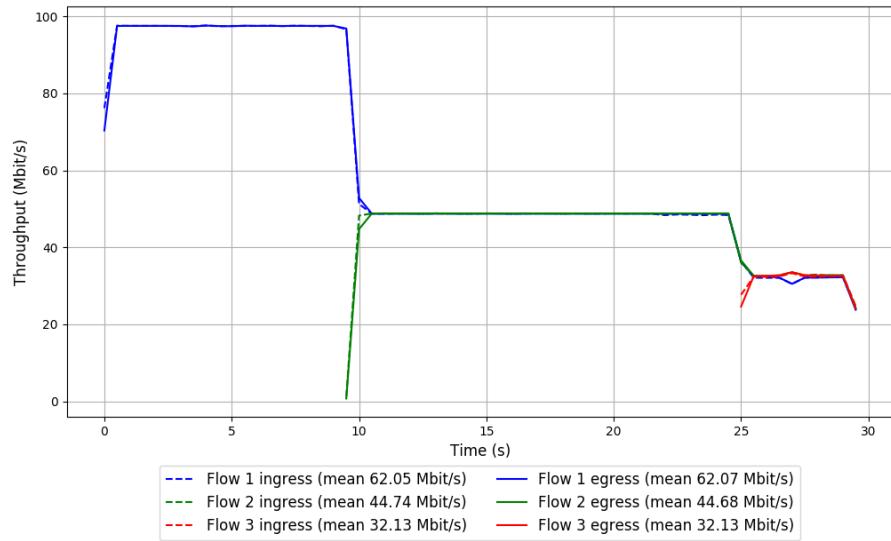


Run 3: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:20:03 +0000
End at: Sat, 29 Jul 2017 08:20:33 +0000
Local clock offset: 3.339 ms
Remote clock offset: -5.932 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 52.338 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 62.07 Mbit/s
95th percentile per-packet one-way delay: 41.979 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 44.68 Mbit/s
95th percentile per-packet one-way delay: 53.261 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.13 Mbit/s
95th percentile per-packet one-way delay: 47.783 ms
Loss rate: 0.59%
```

Run 3: Report of TCP Vegas — Data Link

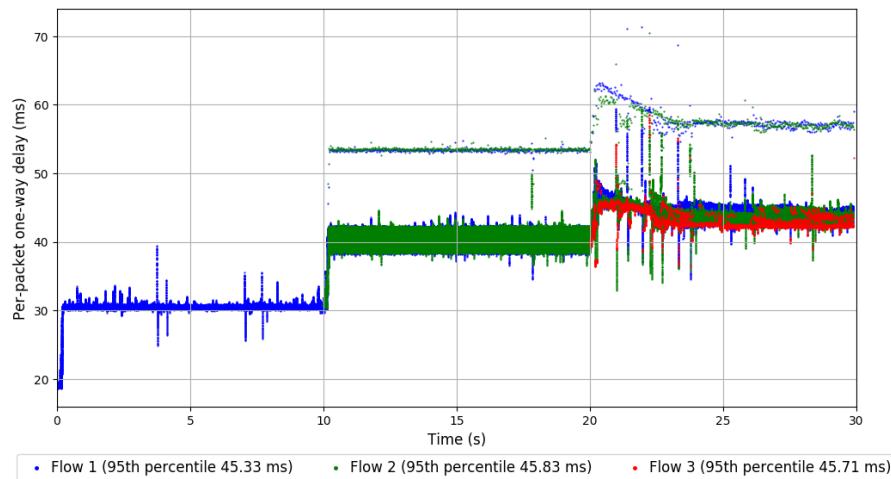
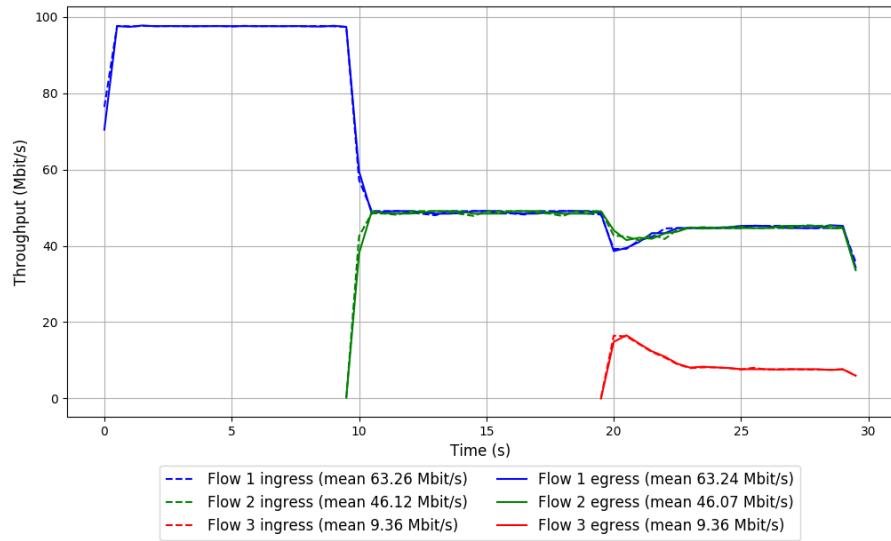


Run 4: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:39:22 +0000
End at: Sat, 29 Jul 2017 08:39:52 +0000
Local clock offset: 4.057 ms
Remote clock offset: -5.814 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 45.503 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 45.333 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 45.826 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 45.712 ms
Loss rate: 0.40%
```

Run 4: Report of TCP Vegas — Data Link

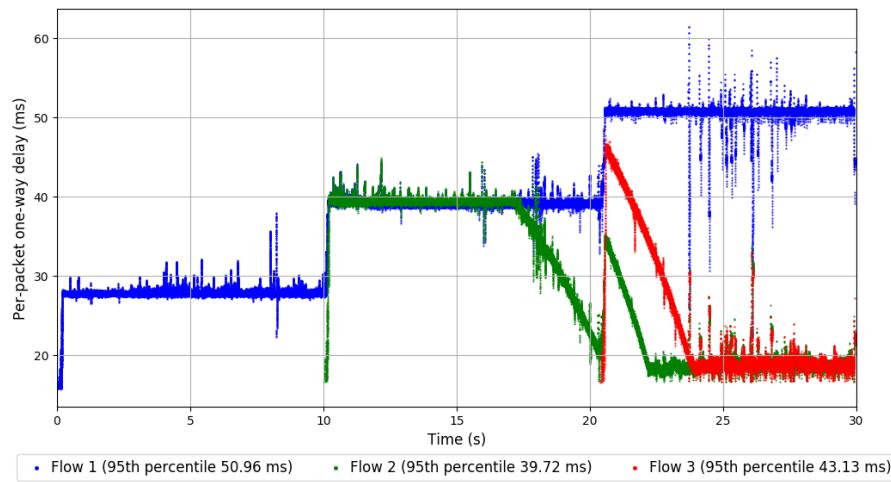
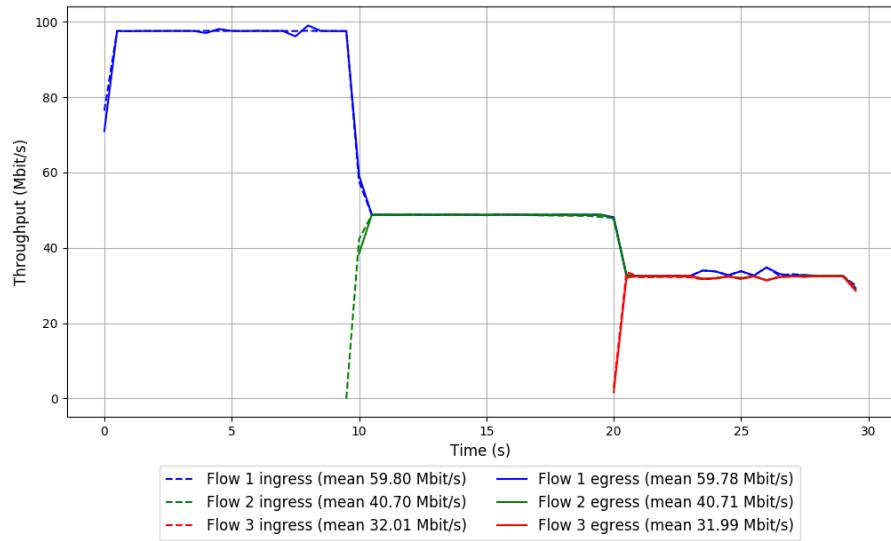


Run 5: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 08:58:42 +0000
End at: Sat, 29 Jul 2017 08:59:12 +0000
Local clock offset: 2.903 ms
Remote clock offset: -4.031 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 50.836 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 50.960 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 39.717 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 43.131 ms
Loss rate: 0.31%
```

Run 5: Report of TCP Vegas — Data Link

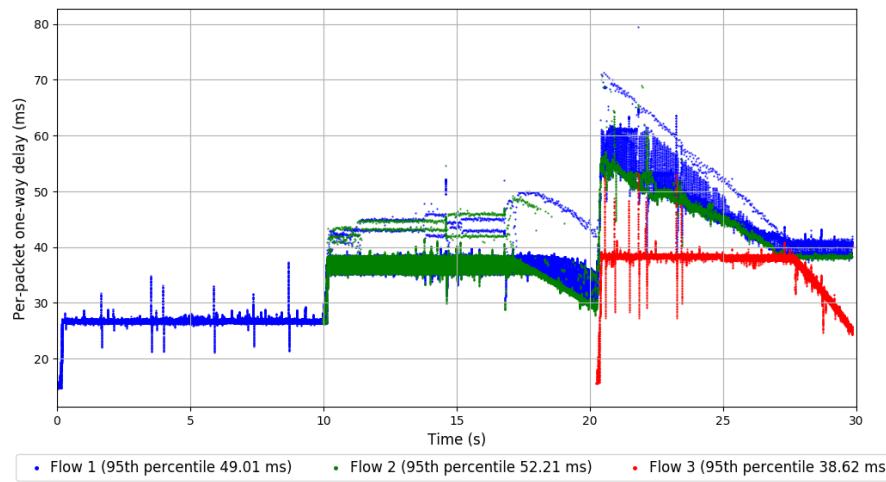
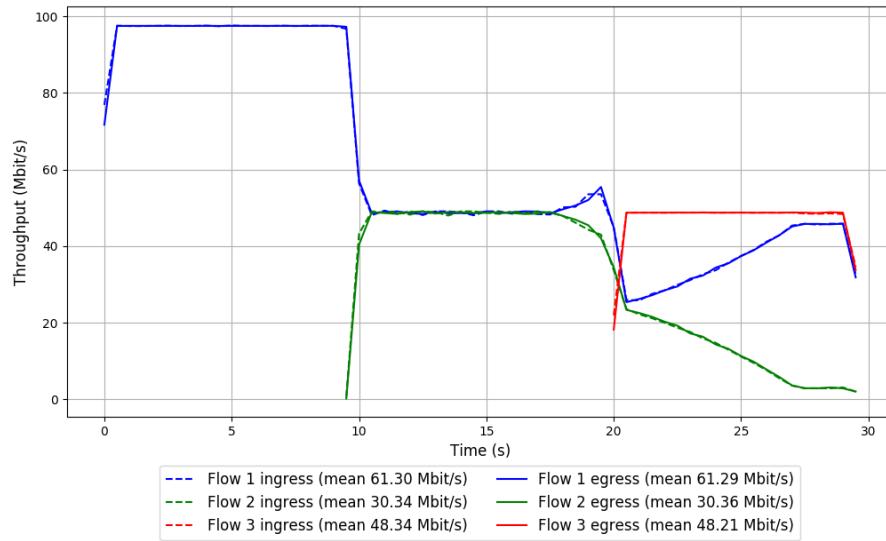


Run 6: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 09:17:56 +0000
End at: Sat, 29 Jul 2017 09:18:26 +0000
Local clock offset: 2.804 ms
Remote clock offset: -3.514 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 49.112 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 49.014 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 52.214 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 48.21 Mbit/s
95th percentile per-packet one-way delay: 38.621 ms
Loss rate: 0.37%
```

Run 6: Report of TCP Vegas — Data Link

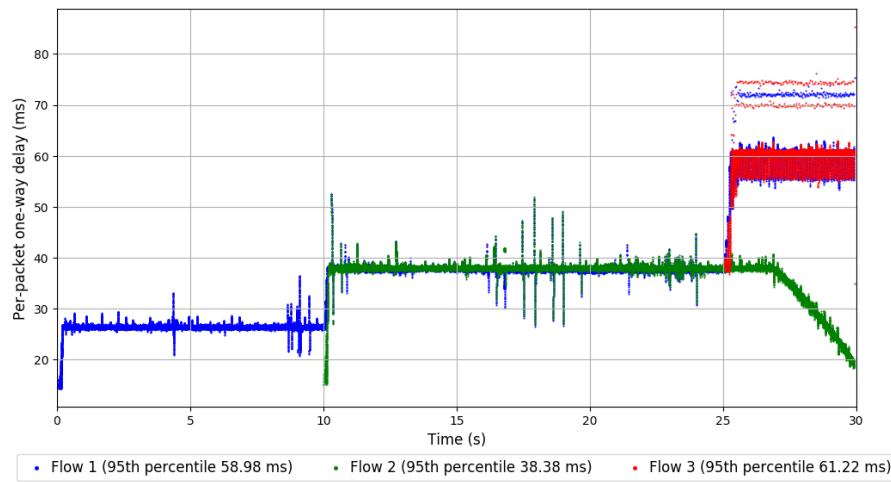
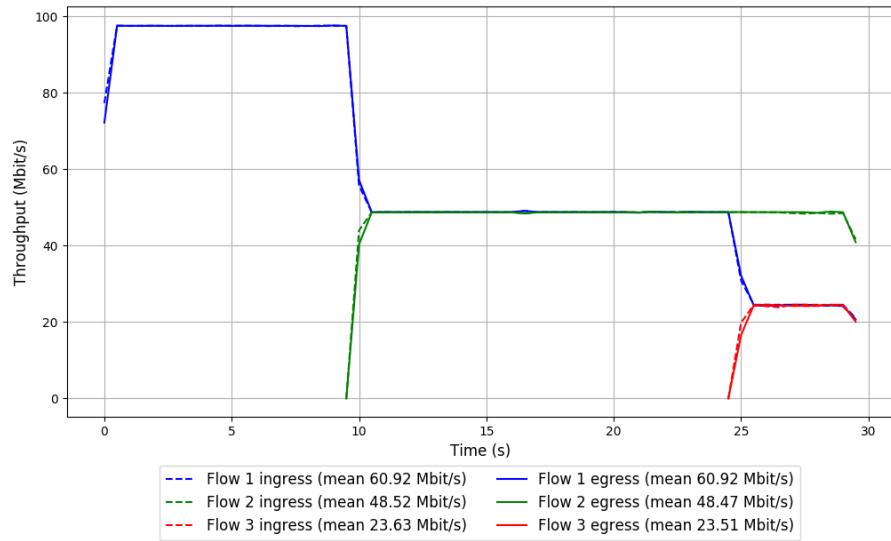


Run 7: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 09:36:51 +0000
End at: Sat, 29 Jul 2017 09:37:21 +0000
Local clock offset: 2.611 ms
Remote clock offset: -2.972 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 60.404 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 58.984 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.47 Mbit/s
95th percentile per-packet one-way delay: 38.375 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 61.223 ms
Loss rate: 1.44%
```

Run 7: Report of TCP Vegas — Data Link

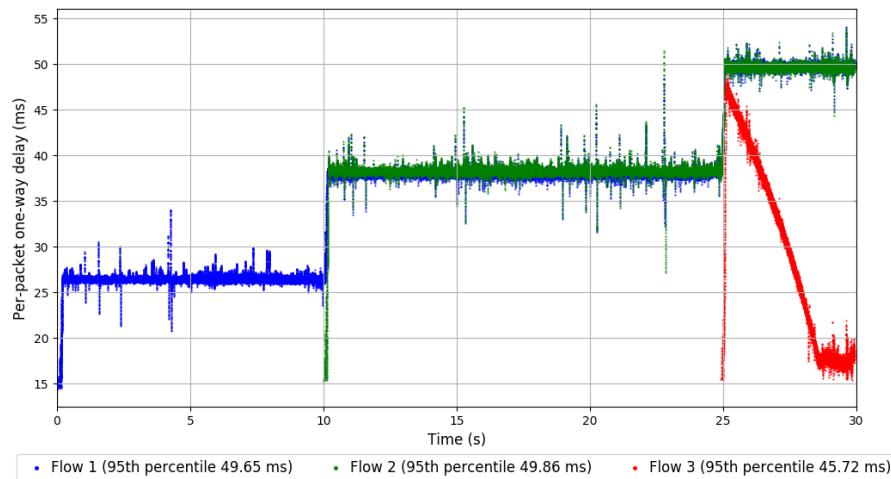
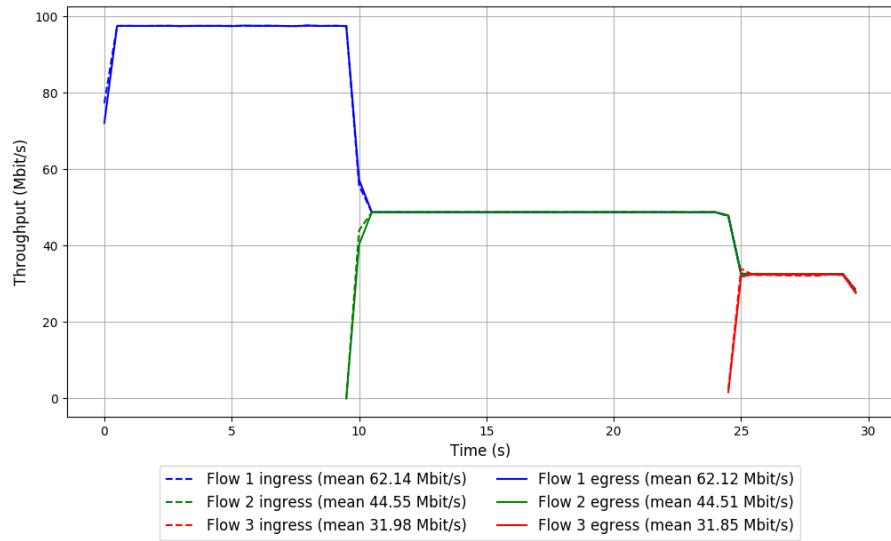


Run 8: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 09:55:44 +0000
End at: Sat, 29 Jul 2017 09:56:14 +0000
Local clock offset: 2.029 ms
Remote clock offset: -3.682 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 49.745 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 49.651 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 49.862 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 45.718 ms
Loss rate: 0.57%
```

Run 8: Report of TCP Vegas — Data Link

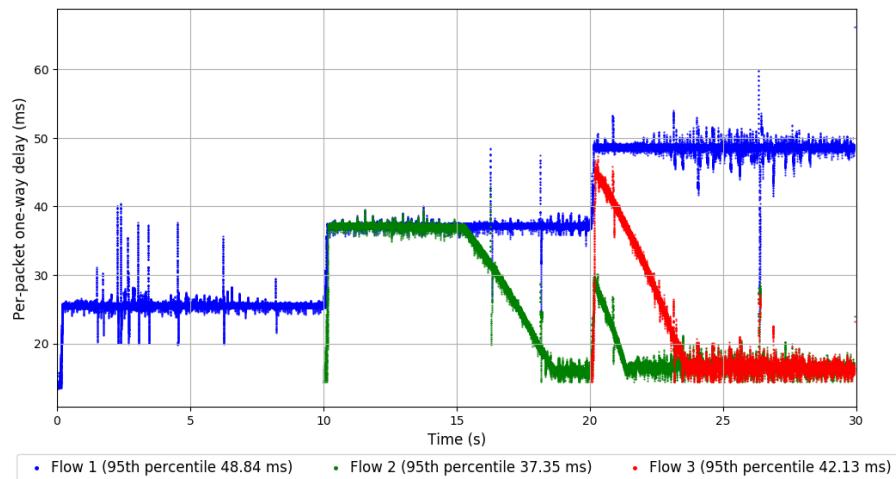
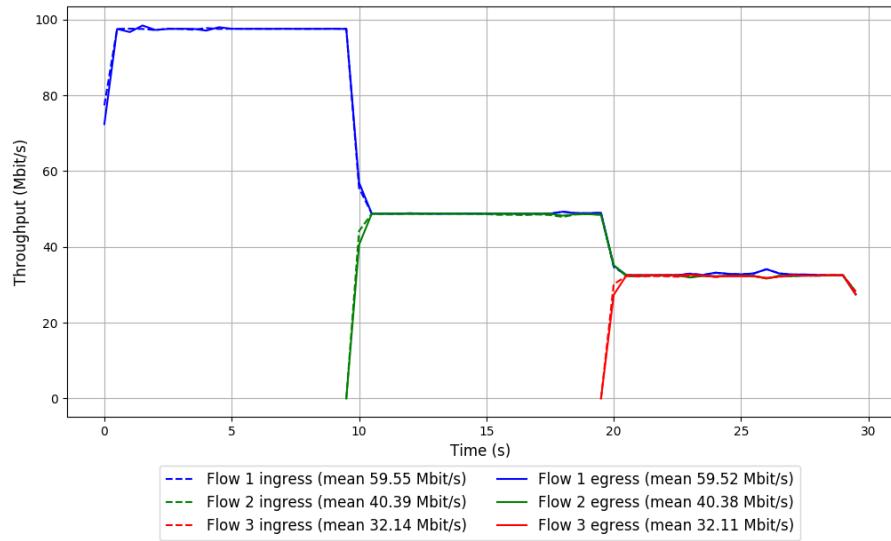


Run 9: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 10:14:24 +0000
End at: Sat, 29 Jul 2017 10:14:54 +0000
Local clock offset: 1.355 ms
Remote clock offset: -3.51 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 48.676 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 48.841 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 37.353 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 42.132 ms
Loss rate: 0.27%
```

Run 9: Report of TCP Vegas — Data Link

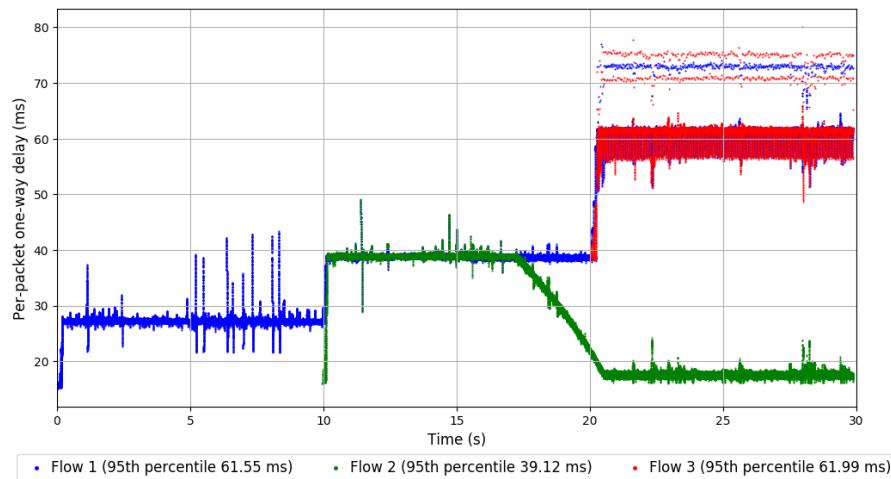
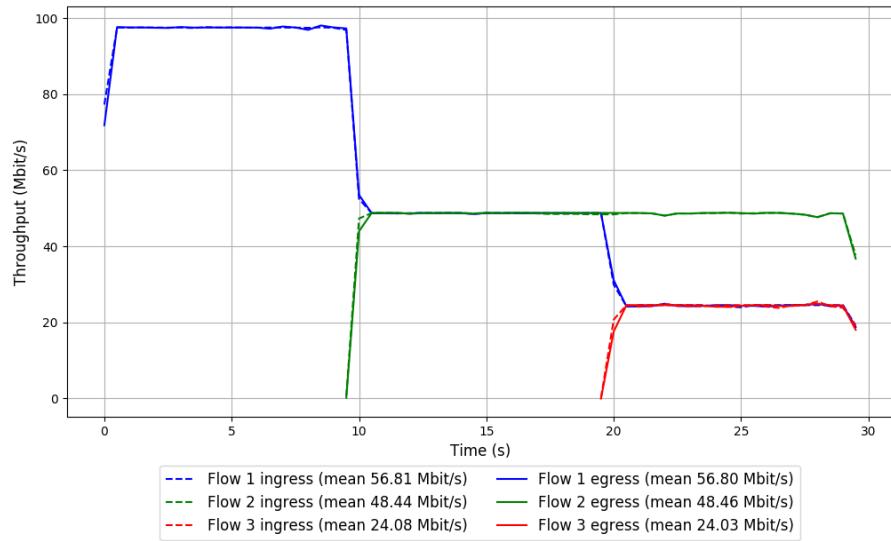


Run 10: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 10:33:23 +0000
End at: Sat, 29 Jul 2017 10:33:53 +0000
Local clock offset: 2.612 ms
Remote clock offset: -3.918 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:41:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 61.607 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 61.554 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 39.120 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 61.990 ms
Loss rate: 0.72%
```

Run 10: Report of TCP Vegas — Data Link

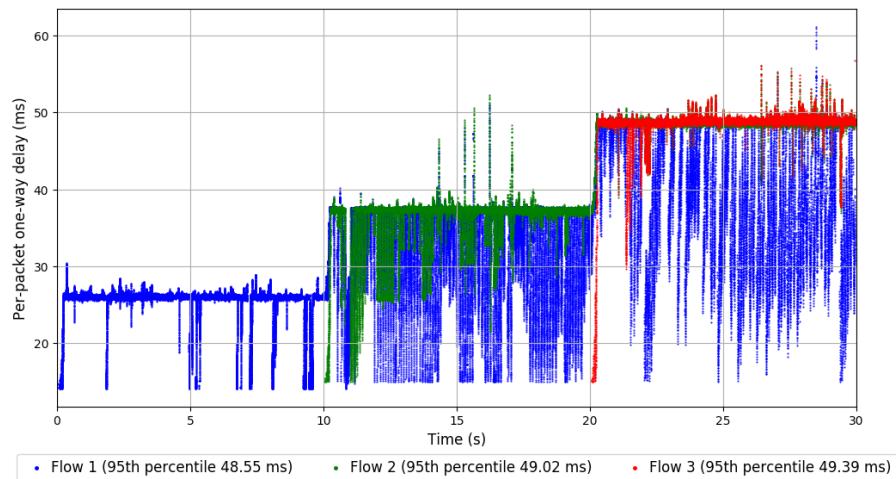
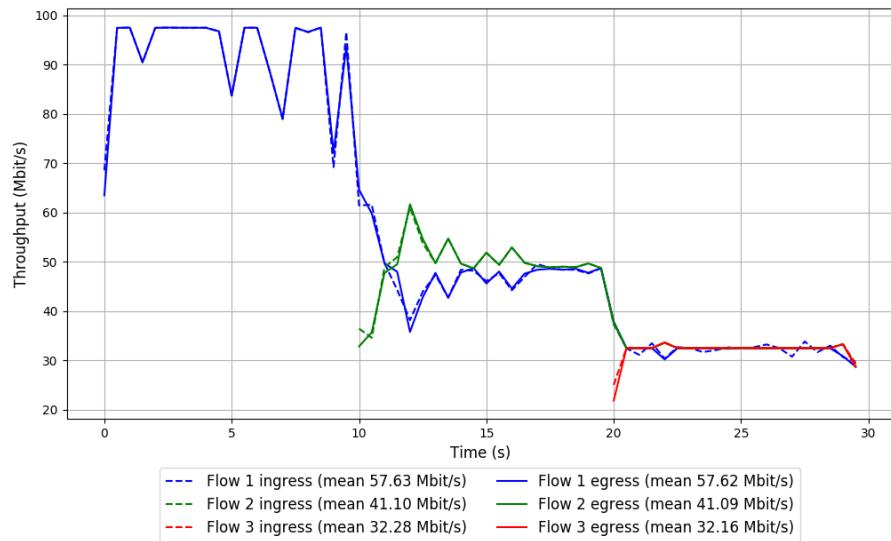


Run 1: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 07:45:33 +0000
End at: Sat, 29 Jul 2017 07:46:03 +0000
Local clock offset: 3.854 ms
Remote clock offset: -3.653 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 49.010 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 48.551 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 49.018 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.16 Mbit/s
95th percentile per-packet one-way delay: 49.386 ms
Loss rate: 0.60%
```

Run 1: Report of Verus — Data Link

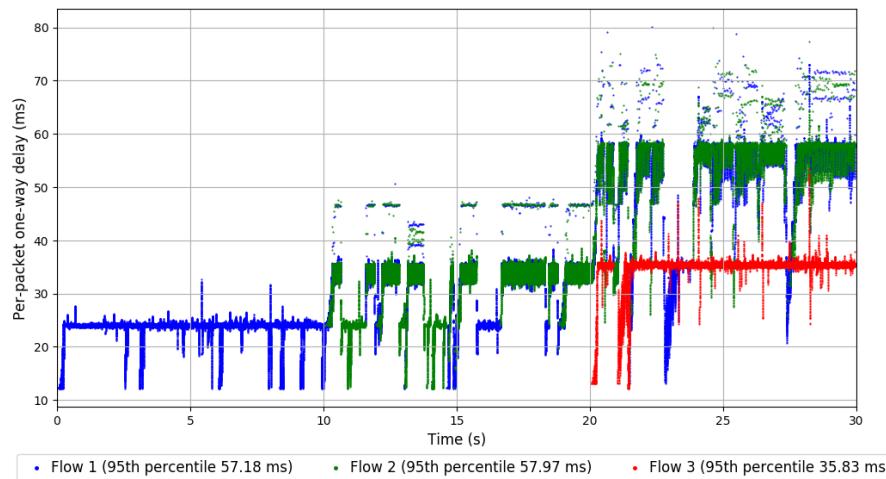
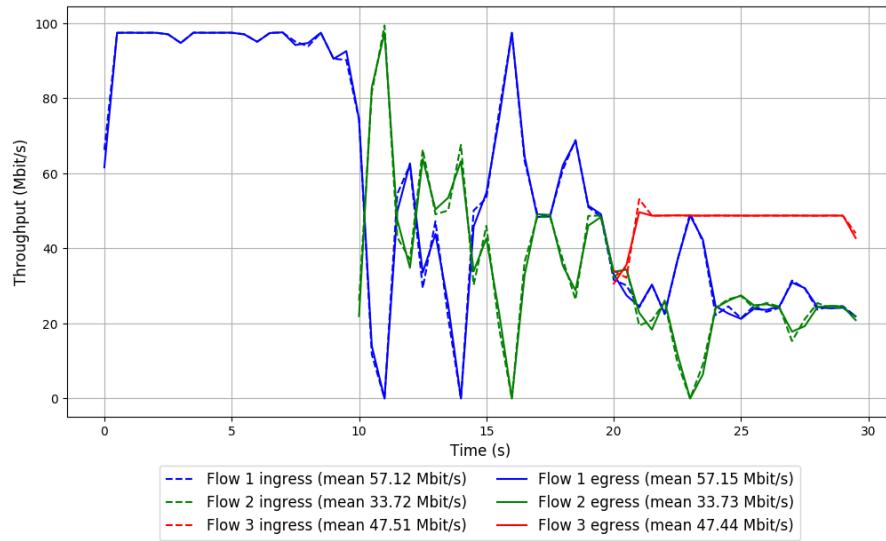


Run 2: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:04:44 +0000
End at: Sat, 29 Jul 2017 08:05:14 +0000
Local clock offset: 0.82 ms
Remote clock offset: -3.323 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 57.619 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 57.184 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.73 Mbit/s
95th percentile per-packet one-way delay: 57.968 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 47.44 Mbit/s
95th percentile per-packet one-way delay: 35.829 ms
Loss rate: 0.50%
```

Run 2: Report of Verus — Data Link

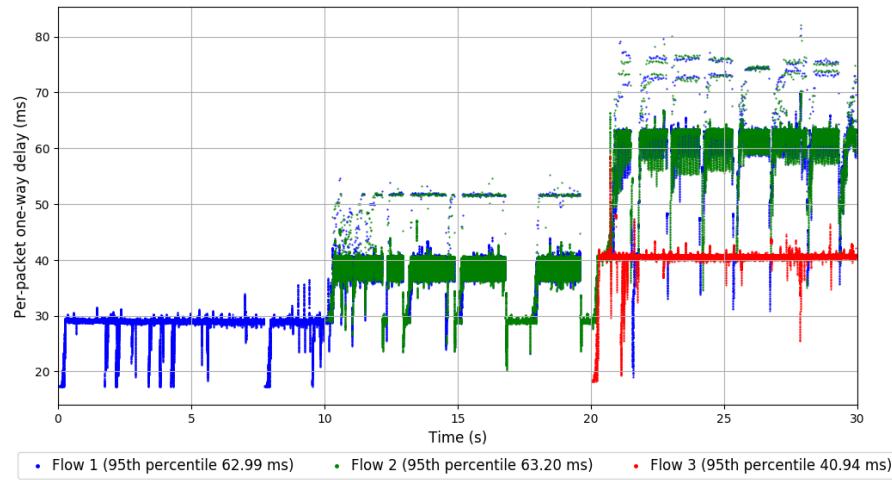
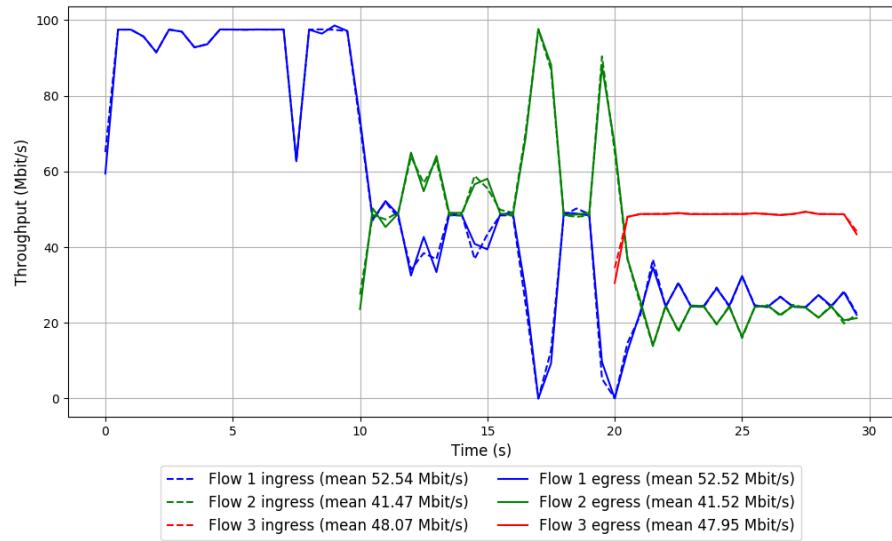


Run 3: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:23:51 +0000
End at: Sat, 29 Jul 2017 08:24:21 +0000
Local clock offset: 2.766 ms
Remote clock offset: -5.662 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 63.031 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 62.991 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 63.203 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 40.936 ms
Loss rate: 0.50%
```

Run 3: Report of Verus — Data Link

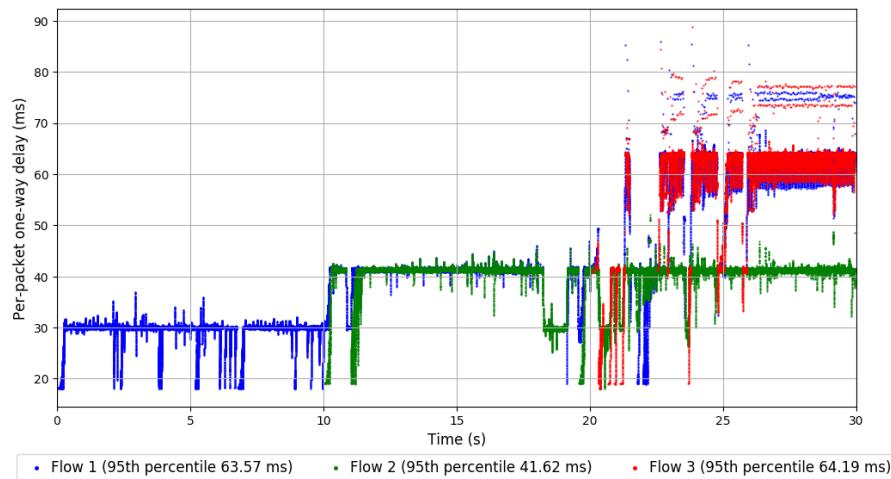
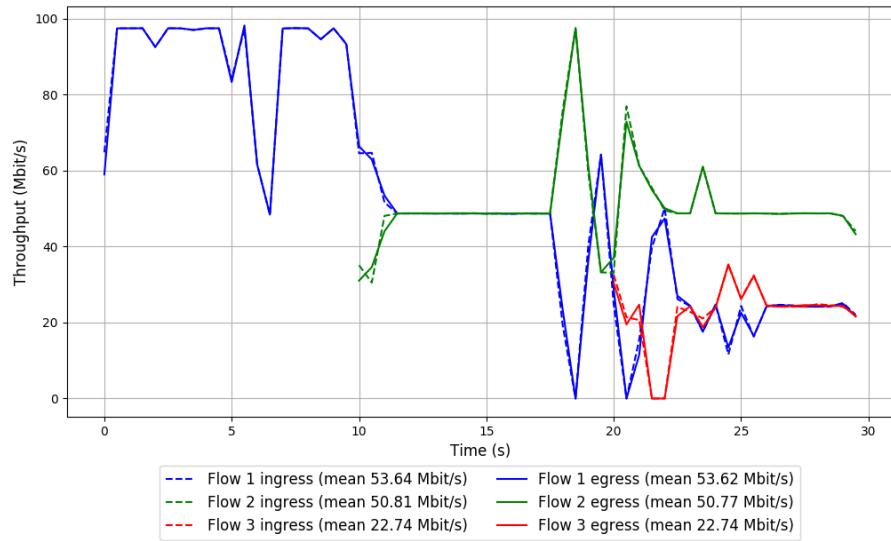


Run 4: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 08:43:15 +0000
End at: Sat, 29 Jul 2017 08:43:45 +0000
Local clock offset: 3.109 ms
Remote clock offset: -6.259 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 63.767 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 63.566 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 50.77 Mbit/s
95th percentile per-packet one-way delay: 41.616 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 64.185 ms
Loss rate: 0.77%
```

Run 4: Report of Verus — Data Link

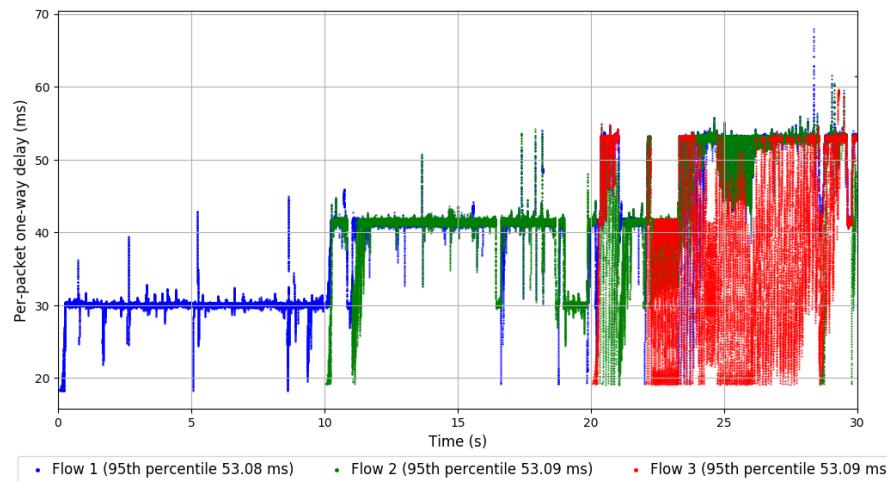
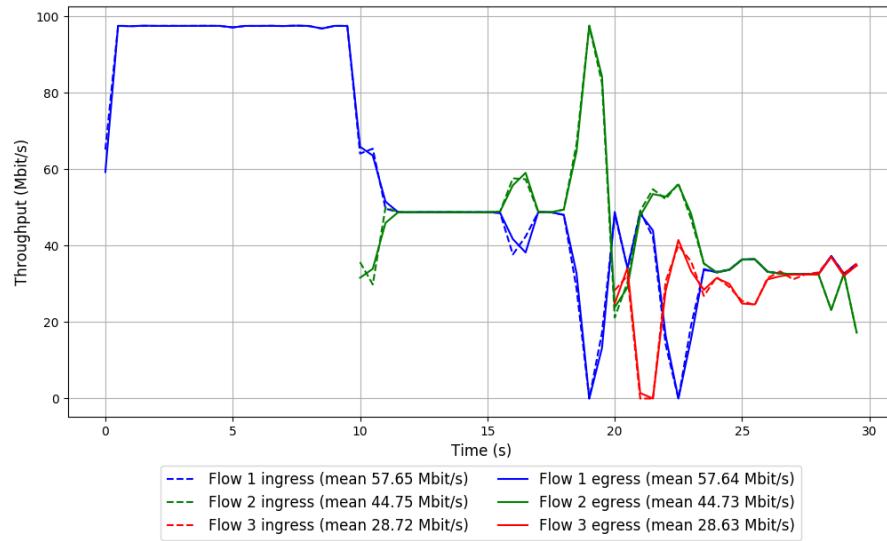


Run 5: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:02:31 +0000
End at: Sat, 29 Jul 2017 09:03:01 +0000
Local clock offset: 4.882 ms
Remote clock offset: -4.467 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 53.083 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 53.076 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 53.087 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 53.092 ms
Loss rate: 0.70%
```

Run 5: Report of Verus — Data Link

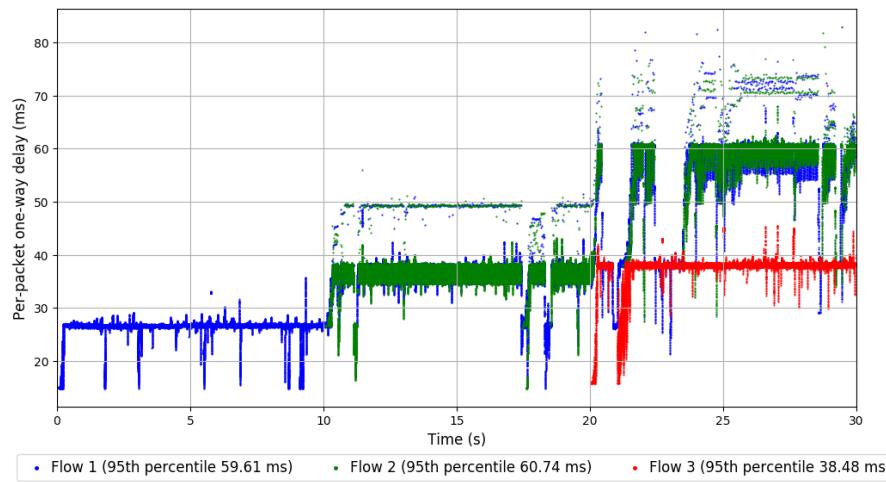
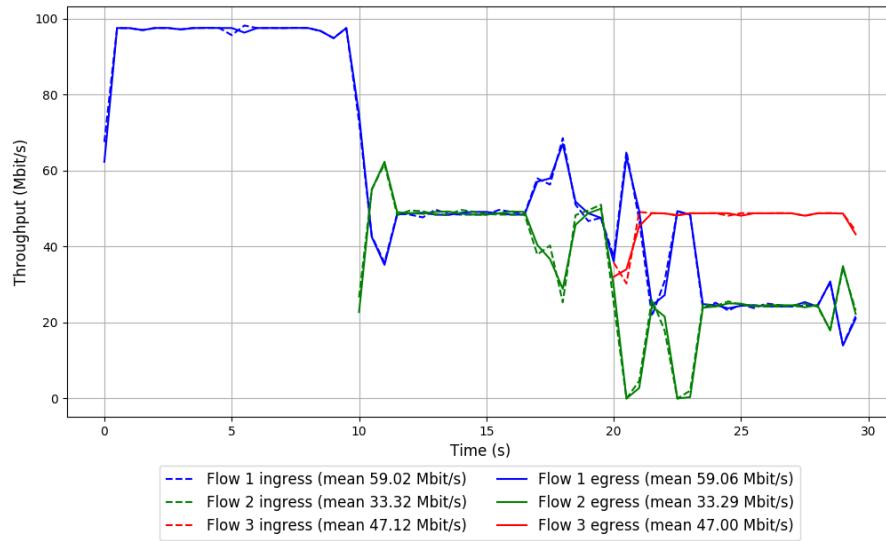


Run 6: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:21:43 +0000
End at: Sat, 29 Jul 2017 09:22:13 +0000
Local clock offset: 2.618 ms
Remote clock offset: -3.766 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 60.414 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 59.610 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 60.744 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 38.477 ms
Loss rate: 0.50%
```

Run 6: Report of Verus — Data Link

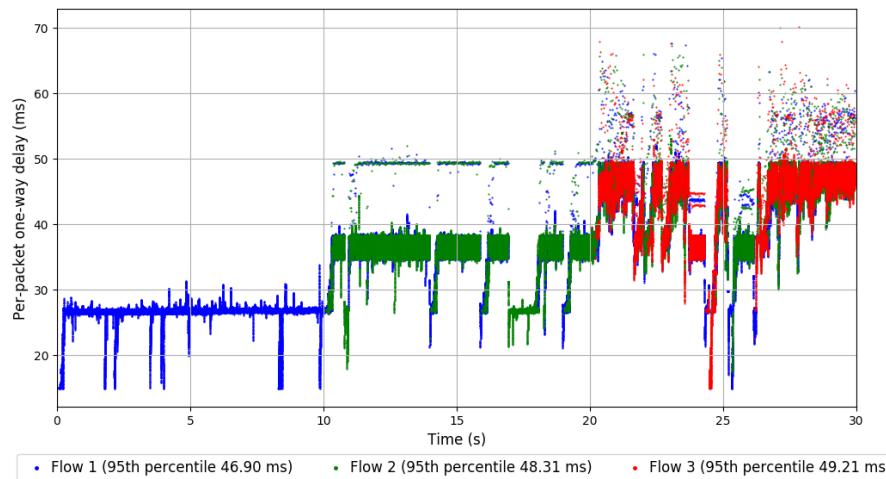
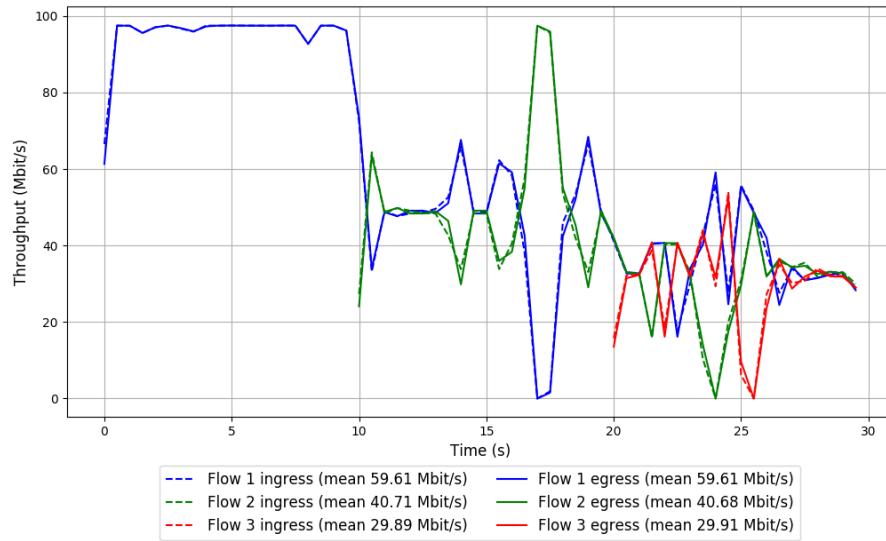


Run 7: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:40:39 +0000
End at: Sat, 29 Jul 2017 09:41:09 +0000
Local clock offset: 2.035 ms
Remote clock offset: -4.061 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 48.023 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 46.896 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 48.306 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 49.206 ms
Loss rate: 0.59%
```

Run 7: Report of Verus — Data Link

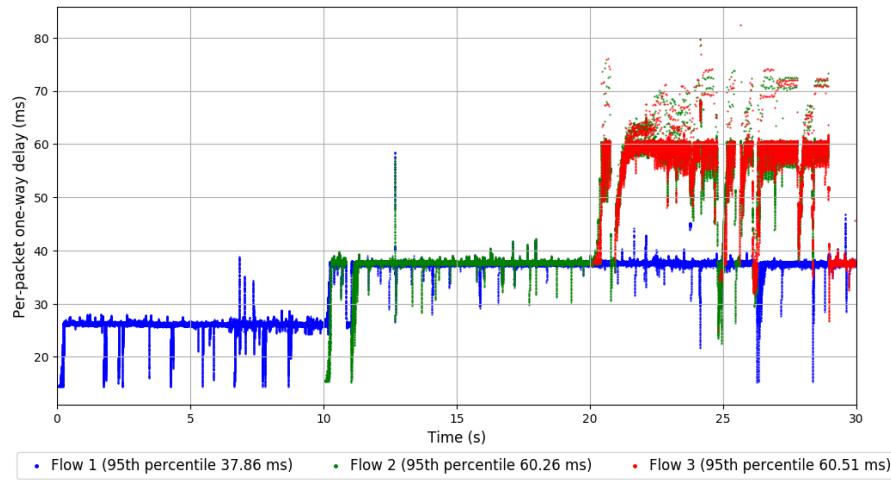
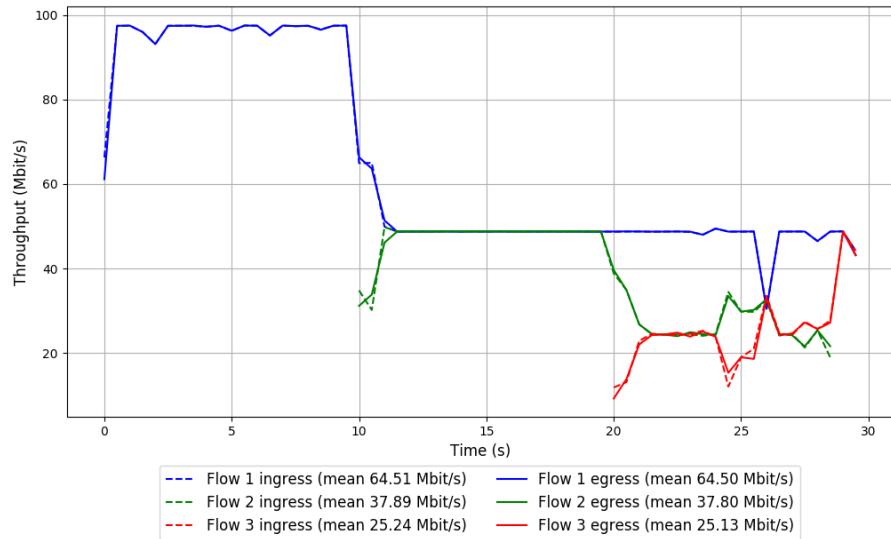


Run 8: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 09:59:23 +0000
End at: Sat, 29 Jul 2017 09:59:53 +0000
Local clock offset: 2.159 ms
Remote clock offset: -3.517 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 59.960 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 64.50 Mbit/s
95th percentile per-packet one-way delay: 37.860 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 60.263 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 60.508 ms
Loss rate: 0.94%
```

Run 8: Report of Verus — Data Link

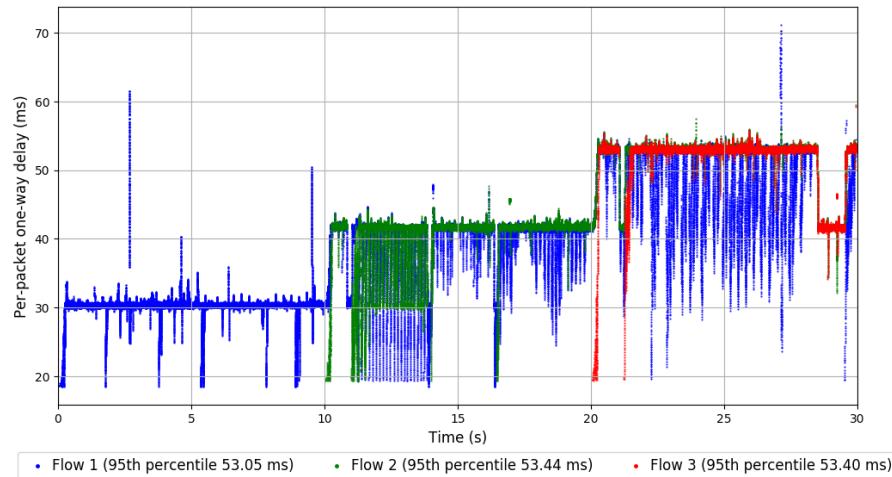
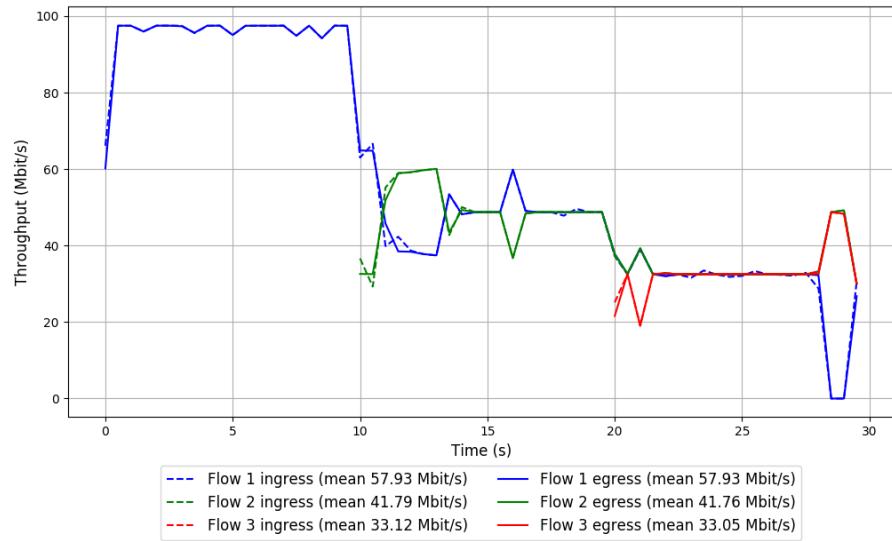


Run 9: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 10:18:13 +0000
End at: Sat, 29 Jul 2017 10:18:43 +0000
Local clock offset: 3.969 ms
Remote clock offset: -5.904 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:42:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 53.352 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 53.051 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 53.440 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 53.396 ms
Loss rate: 0.59%
```

Run 9: Report of Verus — Data Link

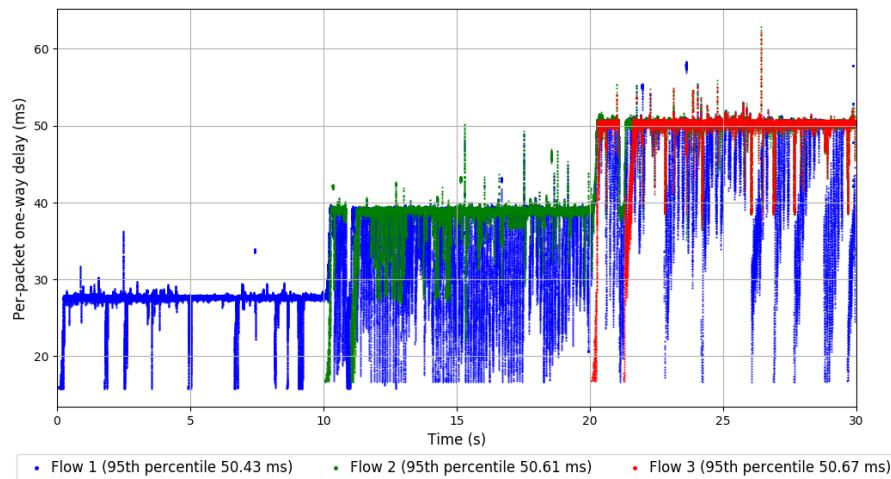
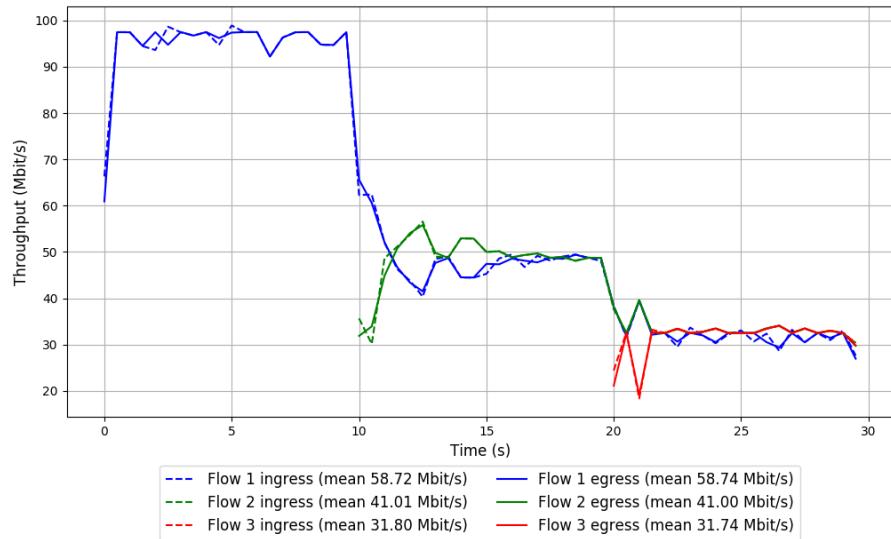


Run 10: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 10:37:12 +0000
End at: Sat, 29 Jul 2017 10:37:42 +0000
Local clock offset: 3.213 ms
Remote clock offset: -3.946 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 50.564 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 50.429 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 50.610 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 50.671 ms
Loss rate: 0.61%
```

Run 10: Report of Verus — Data Link

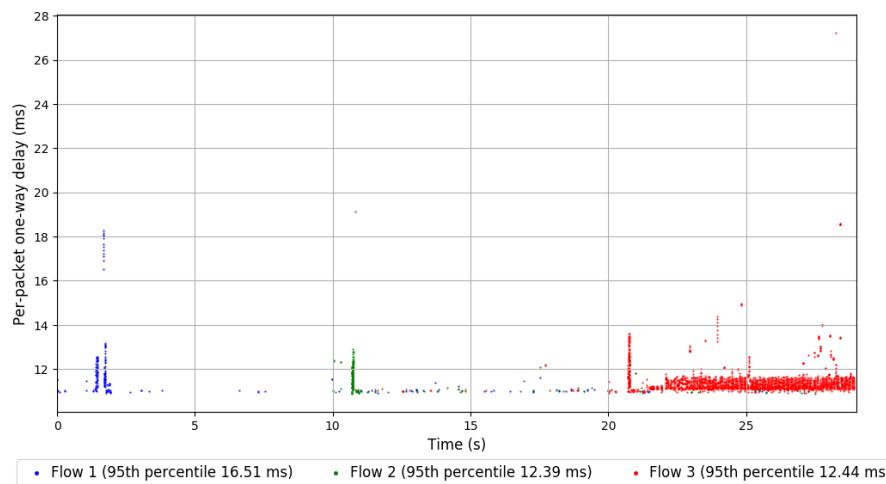
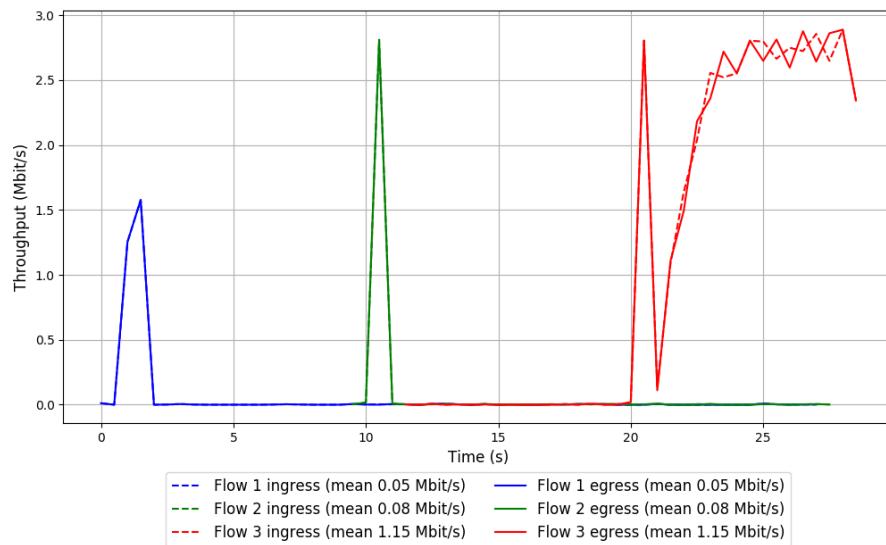


```
Run 1: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 07:46:58 +0000
End at: Sat, 29 Jul 2017 07:47:28 +0000
Local clock offset: 0.987 ms
Remote clock offset: -3.511 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 12.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 16.508 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 12.394 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 12.443 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

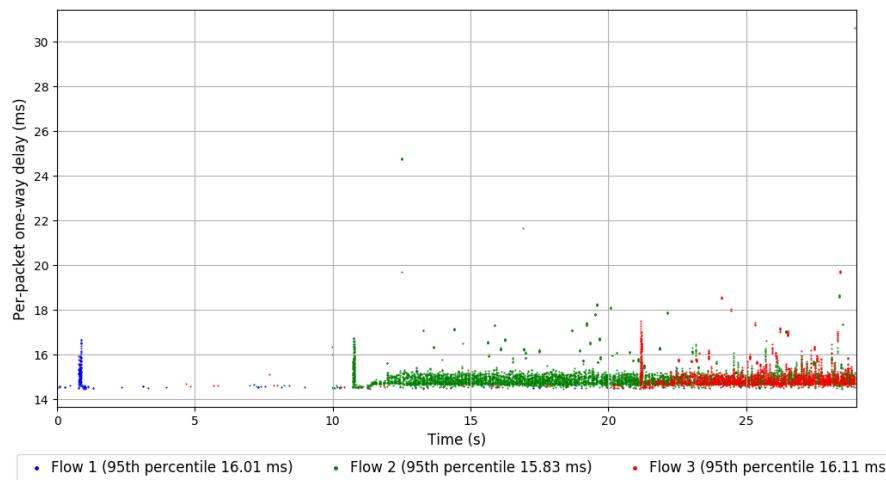
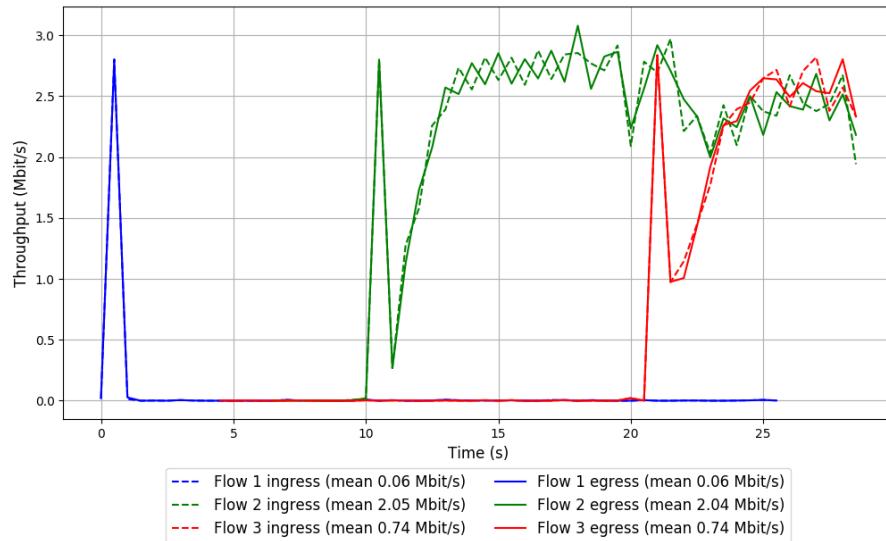


Run 2: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 08:06:02 +0000
End at: Sat, 29 Jul 2017 08:06:32 +0000
Local clock offset: 3.427 ms
Remote clock offset: -3.209 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 15.959 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 16.013 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 15.834 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 16.109 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

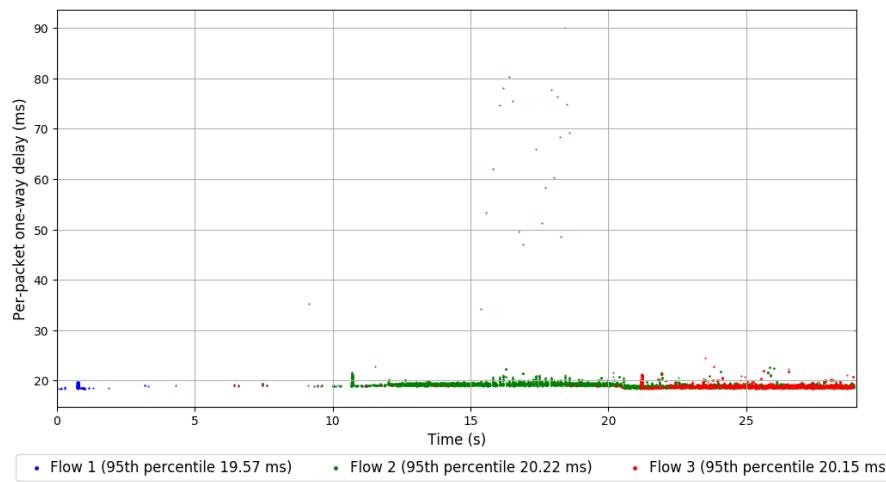
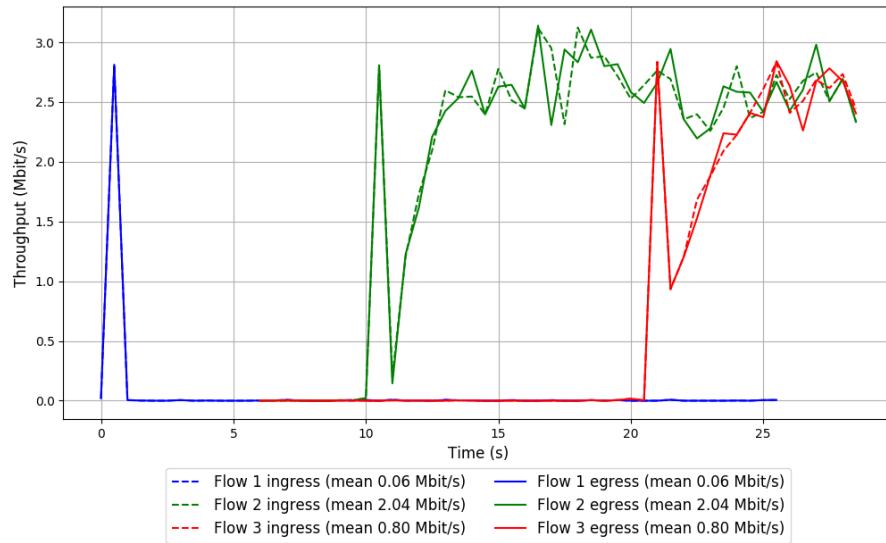


```
Run 3: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 08:25:11 +0000
End at: Sat, 29 Jul 2017 08:25:41 +0000
Local clock offset: 4.512 ms
Remote clock offset: -5.205 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 20.168 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 19.565 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 20.220 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 20.148 ms
Loss rate: 0.53%
```

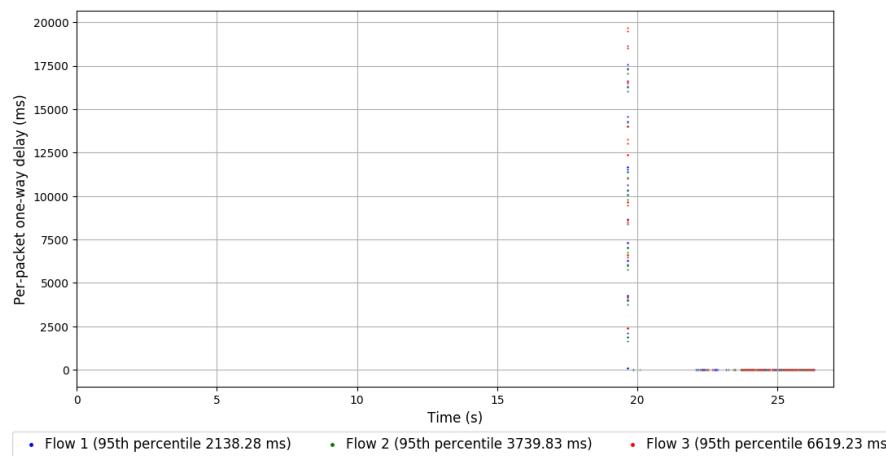
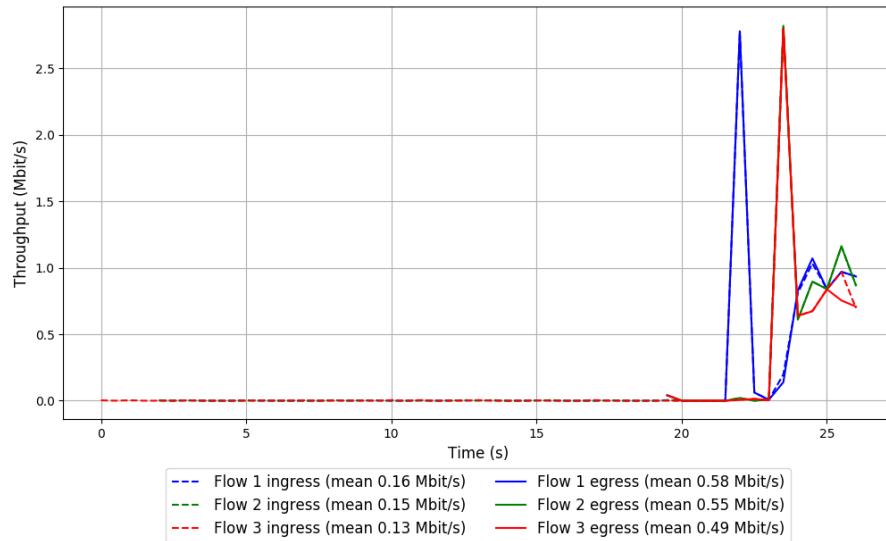
Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 08:44:38 +0000
End at: Sat, 29 Jul 2017 08:45:08 +0000
Local clock offset: 0.583 ms
Remote clock offset: -4.852 ms

Run 4: Report of WebRTC media — Data Link

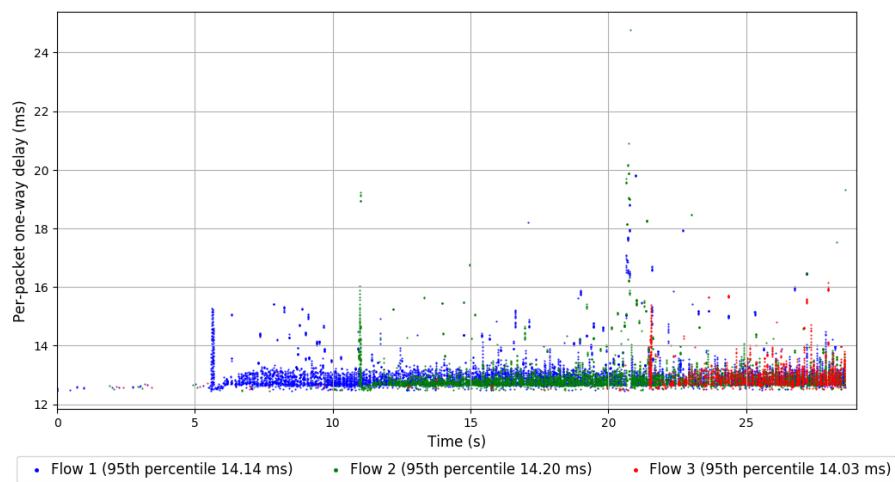
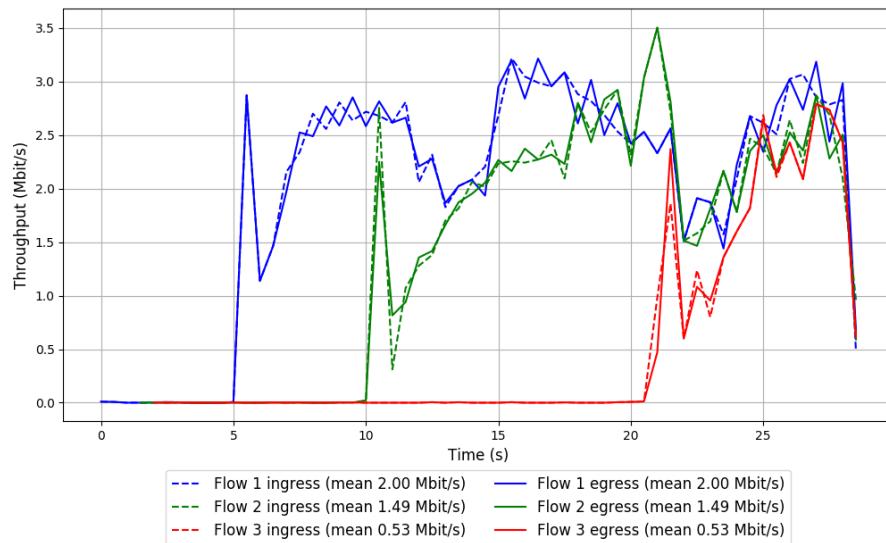


Run 5: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 09:03:54 +0000
End at: Sat, 29 Jul 2017 09:04:24 +0000
Local clock offset: 0.49 ms
Remote clock offset: -3.206 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 14.137 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 14.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 14.204 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 14.033 ms
Loss rate: 0.00%
```

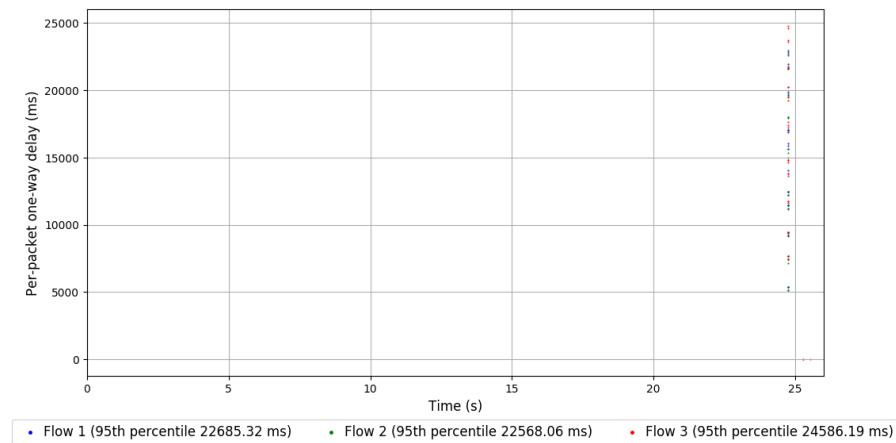
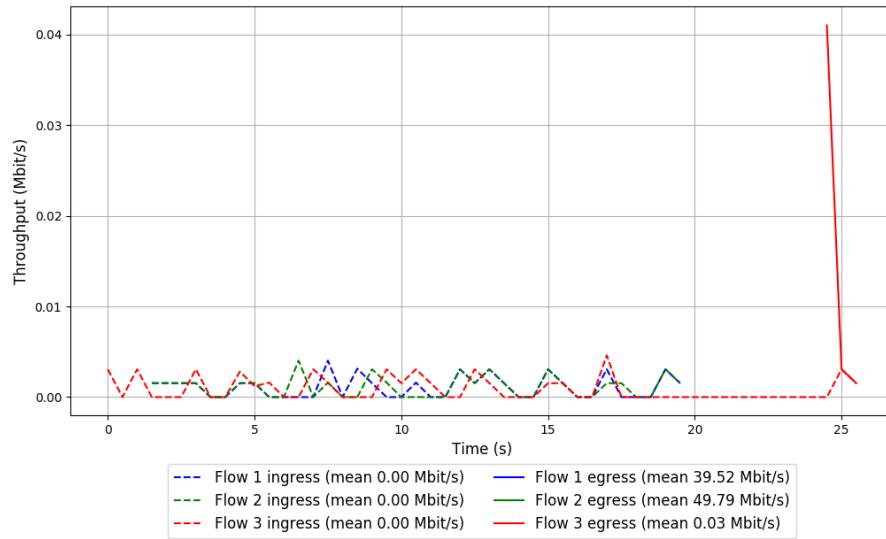
Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 09:23:00 +0000
End at: Sat, 29 Jul 2017 09:23:30 +0000
Local clock offset: 2.672 ms
Remote clock offset: -3.356 ms

Run 6: Report of WebRTC media — Data Link

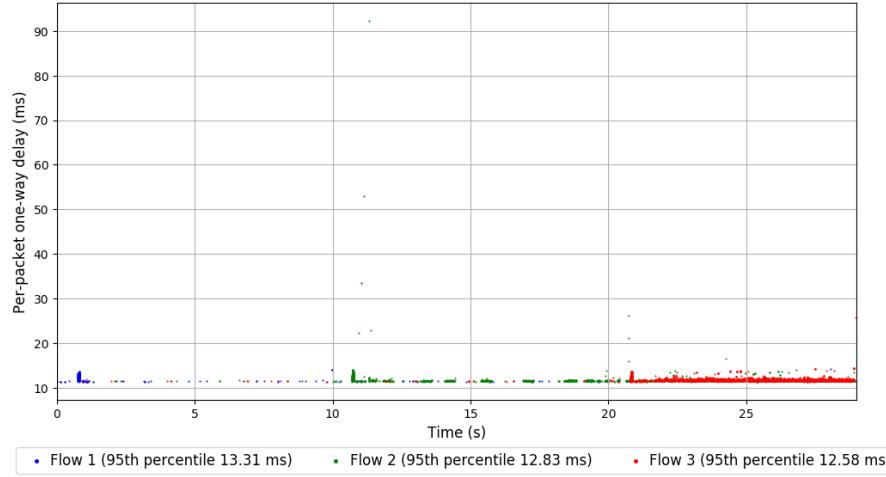
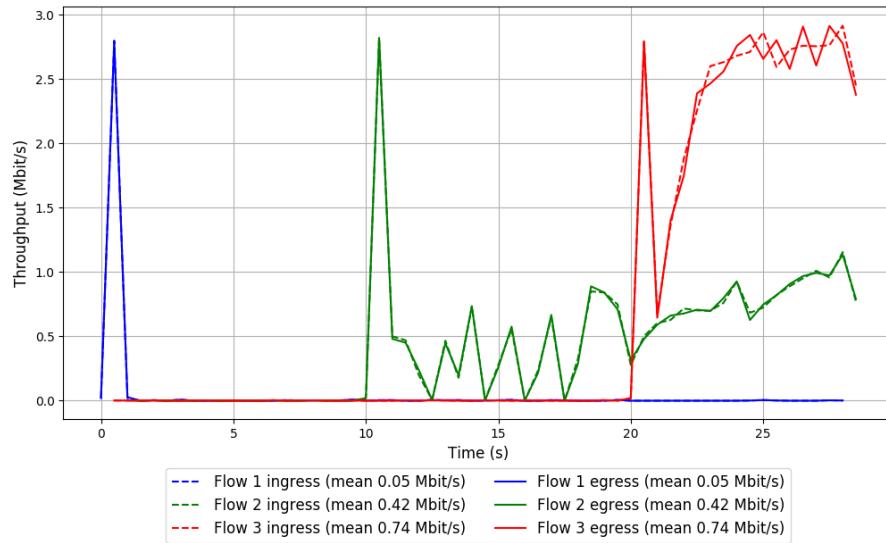


Run 7: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 09:41:59 +0000
End at: Sat, 29 Jul 2017 09:42:29 +0000
Local clock offset: -0.051 ms
Remote clock offset: -2.874 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 12.828 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 13.313 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 12.828 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 12.583 ms
Loss rate: 0.50%
```

Run 7: Report of WebRTC media — Data Link

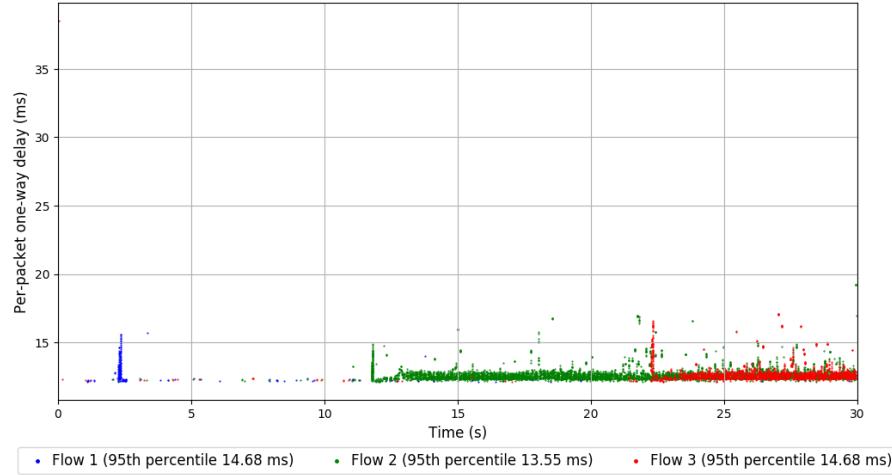
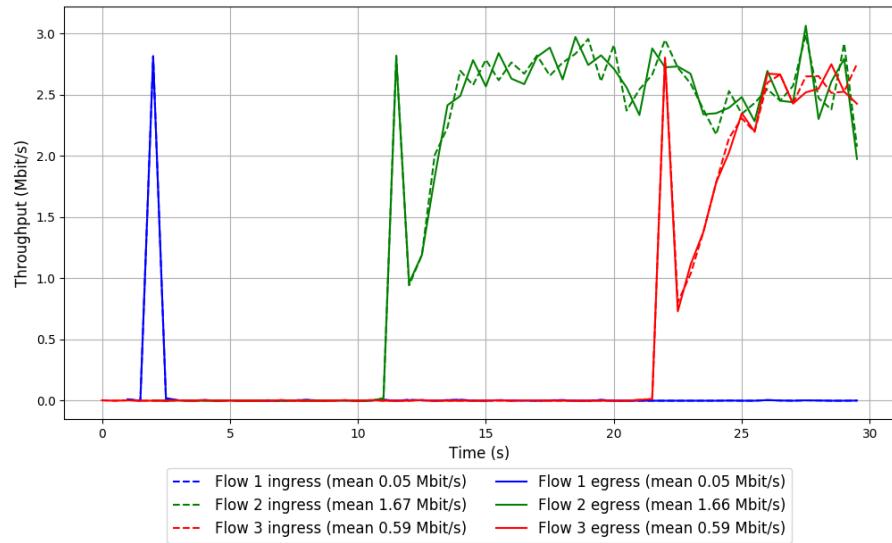


```
Run 8: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 10:00:43 +0000
End at: Sat, 29 Jul 2017 10:01:13 +0000
Local clock offset: -0.251 ms
Remote clock offset: -3.889 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 13.894 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 14.678 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 13.550 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 14.683 ms
Loss rate: 0.92%
```

Run 8: Report of WebRTC media — Data Link

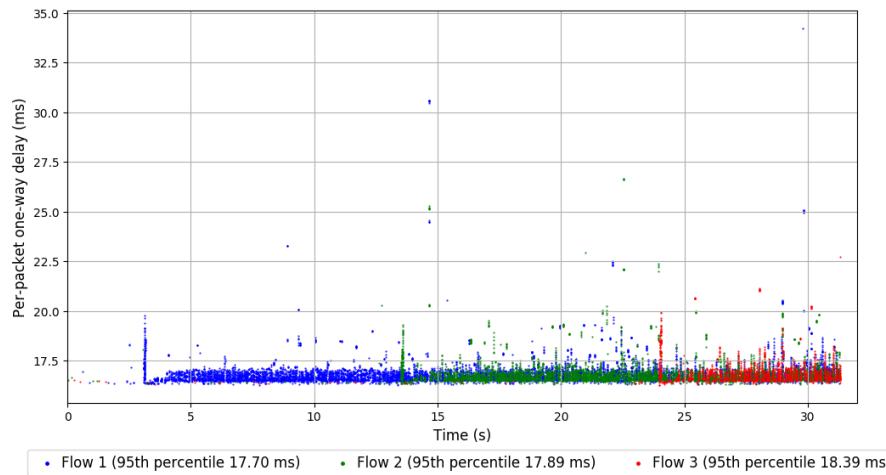
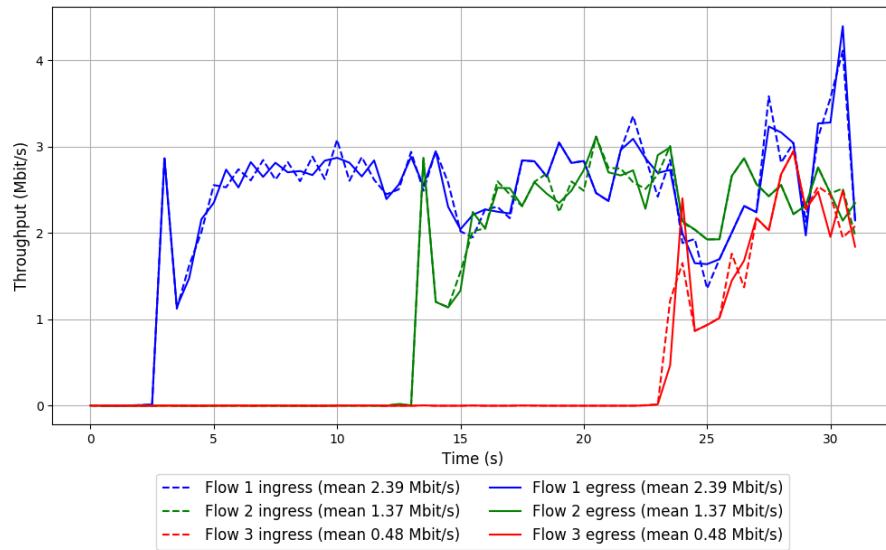


Run 9: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 10:19:33 +0000
End at: Sat, 29 Jul 2017 10:20:03 +0000
Local clock offset: 2.887 ms
Remote clock offset: -5.036 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 17.828 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 17.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 17.888 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 18.385 ms
Loss rate: 0.79%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 10:38:30 +0000
End at: Sat, 29 Jul 2017 10:39:00 +0000
Local clock offset: 2.752 ms
Remote clock offset: -3.856 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 11:43:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 16.642 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 16.572 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 16.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 18.296 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

