

**Pantheon Summary** (Generated at Tue, 25 Jul 2017 02:51:00 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)

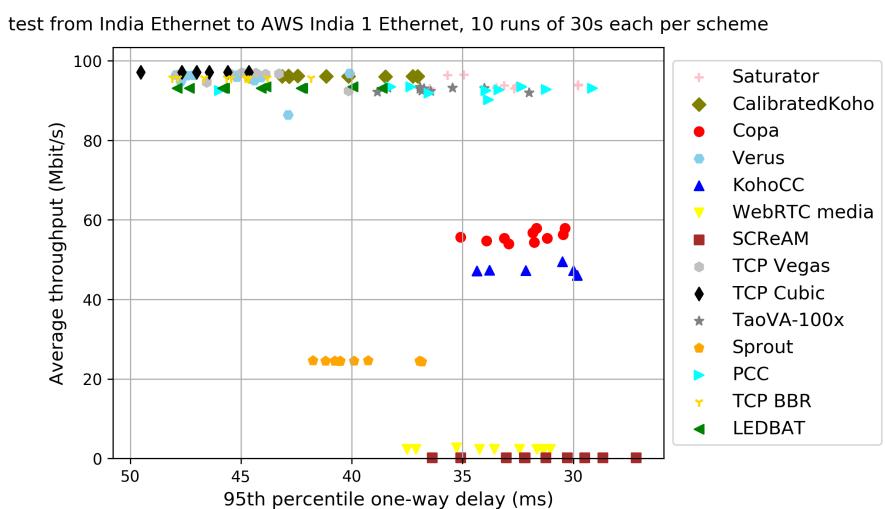
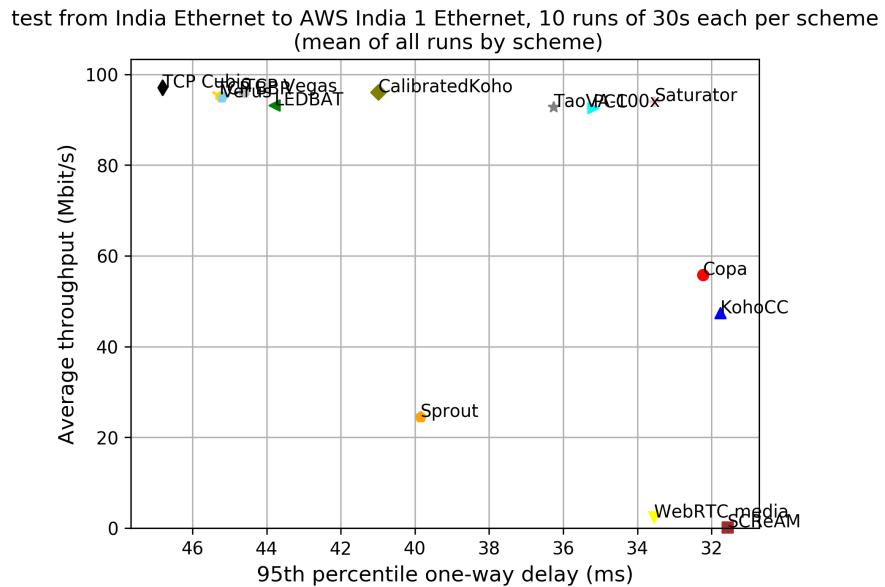
Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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 @ 266b116f0817a07d000b4d181ce187fd27d3e654
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
```



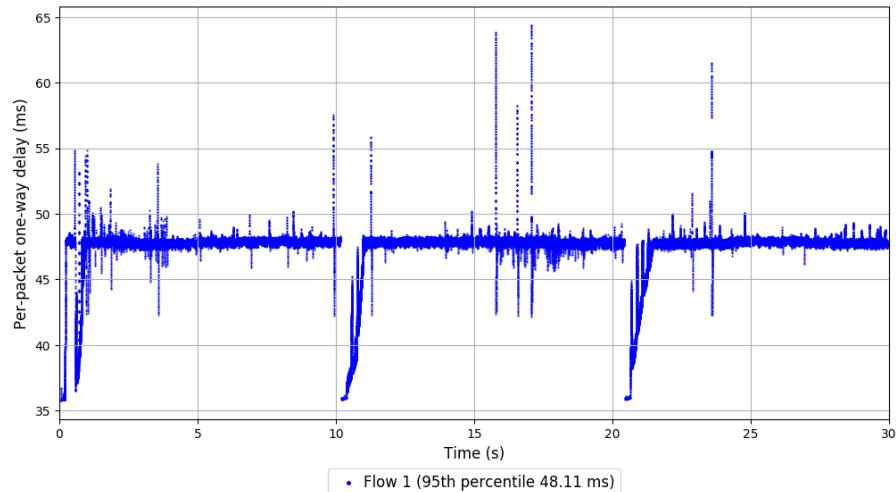
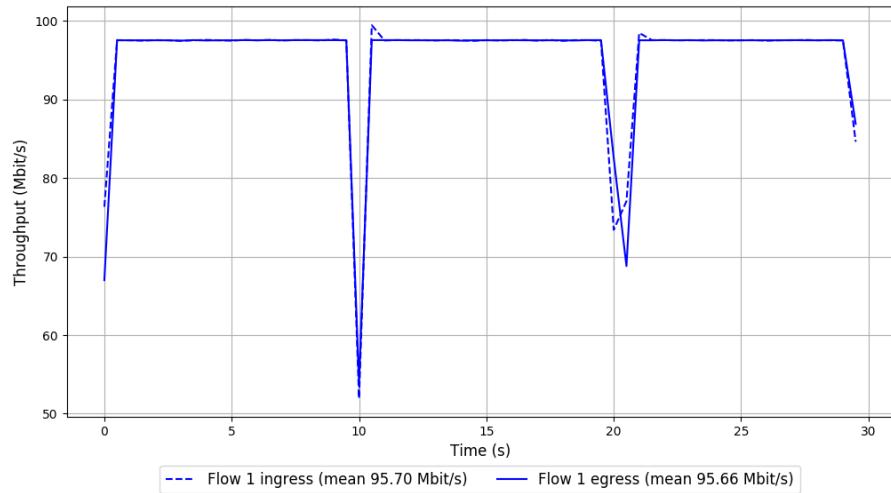
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.62	45.36	0.12
CalibratedKoho	10	96.11	40.99	0.10
Copa	10	55.85	32.23	0.08
TCP Cubic	10	97.12	46.81	0.12
KohoCC	10	47.44	31.77	0.09
LEDBAT	10	93.19	43.79	0.13
PCC	10	92.65	35.19	0.09
QUIC Cubic	10	nan	nan	nan
Saturator	10	94.06	33.54	0.08
SCReAM	10	0.21	31.58	0.05
Sprout	10	24.51	39.85	0.10
TaoVA-100x	10	92.80	36.26	0.08
TCP Vegas	10	96.16	44.61	0.09
Verus	10	95.04	45.21	0.13
WebRTC media	10	2.40	33.55	0.12

Run 1: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 23:08:59 +0000
End at: Mon, 24 Jul 2017 23:09:29 +0000
Local clock offset: 5.8 ms
Remote clock offset: -20.754 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 48.114 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 48.114 ms
Loss rate: 0.12%
```

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

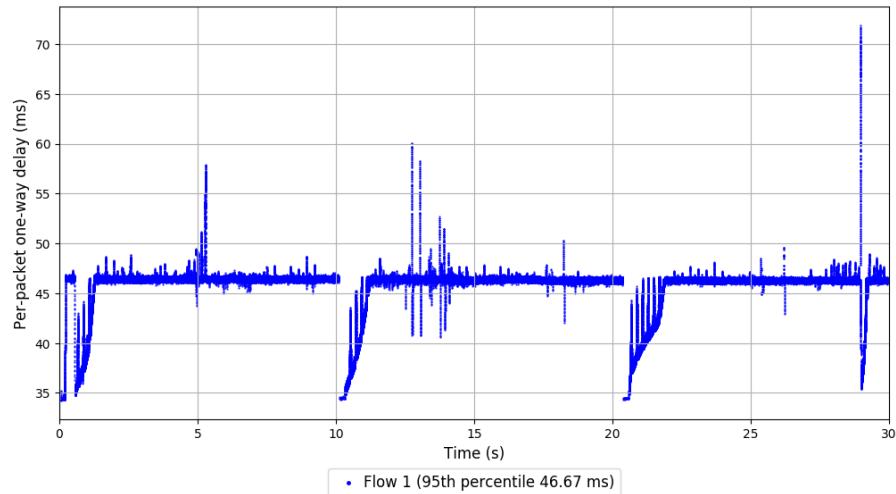
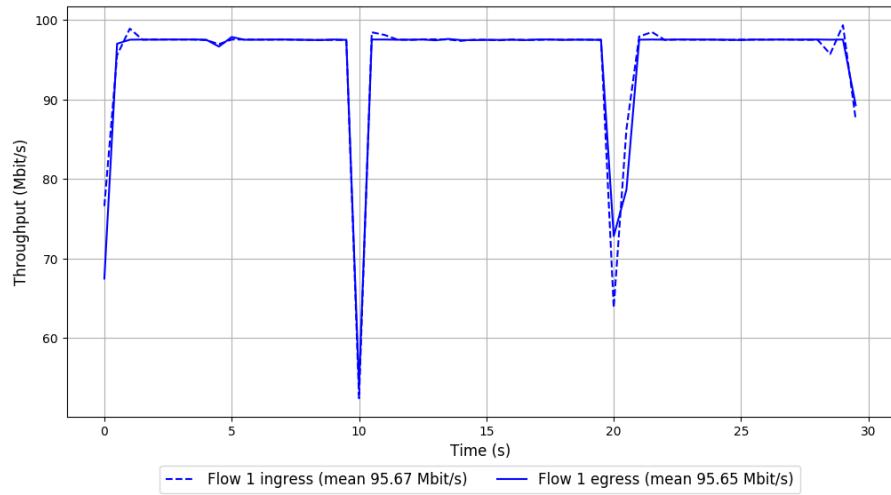


Run 2: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 23:26:47 +0000
End at: Mon, 24 Jul 2017 23:27:17 +0000
Local clock offset: 3.323 ms
Remote clock offset: -21.61 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 46.666 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 46.666 ms
Loss rate: 0.13%
```

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

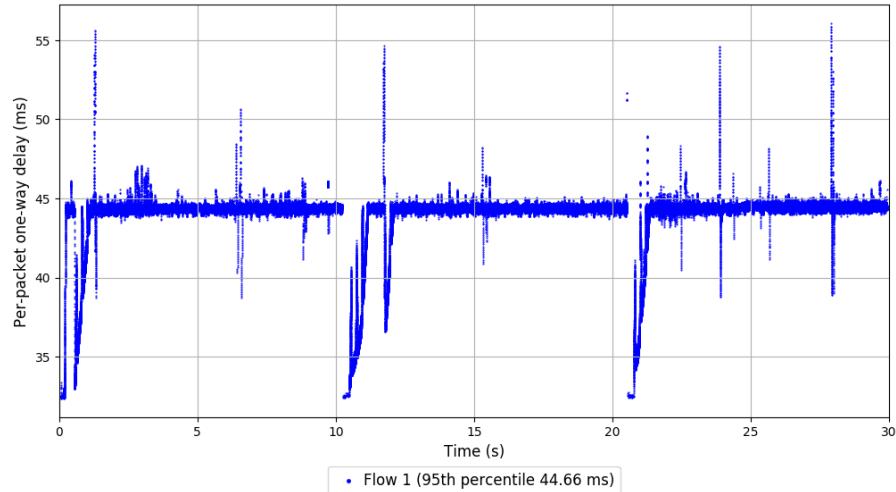
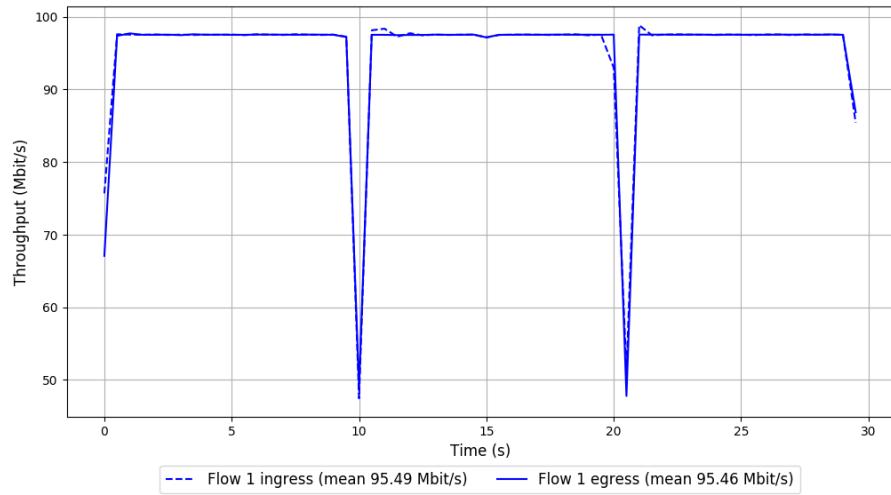


Run 3: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 23:44:39 +0000
End at: Mon, 24 Jul 2017 23:45:09 +0000
Local clock offset: 2.456 ms
Remote clock offset: -21.154 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 44.660 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 44.660 ms
Loss rate: 0.13%
```

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

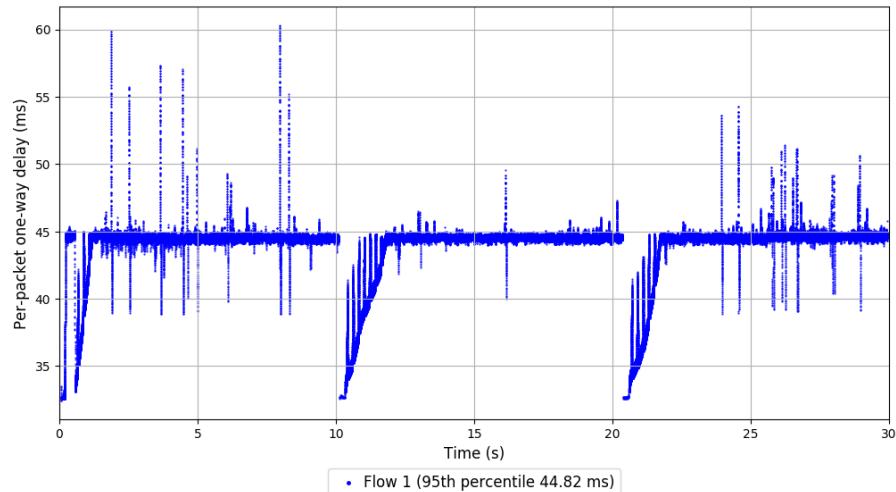
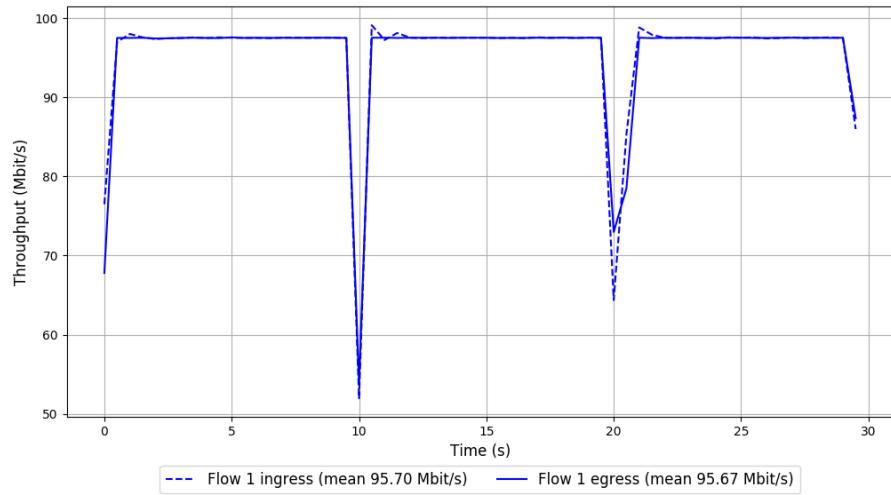


Run 4: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 00:02:34 +0000
End at: Tue, 25 Jul 2017 00:03:04 +0000
Local clock offset: 4.656 ms
Remote clock offset: -17.743 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 44.820 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 44.820 ms
Loss rate: 0.13%
```

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

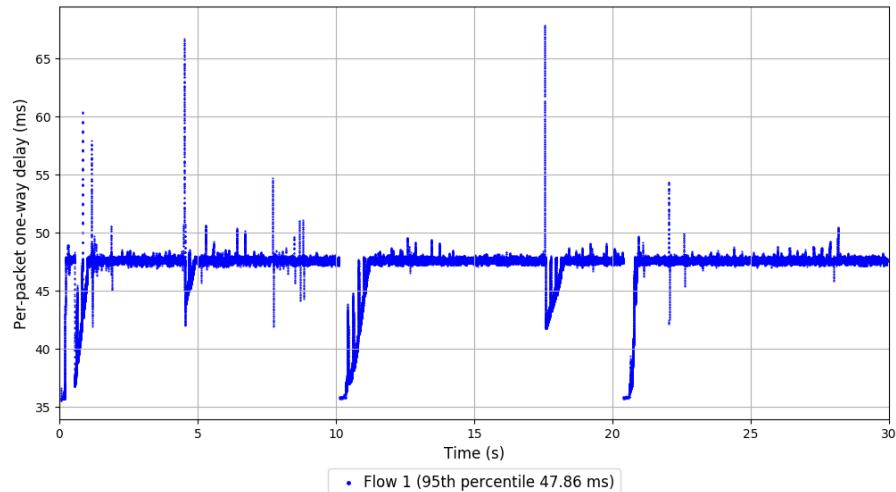
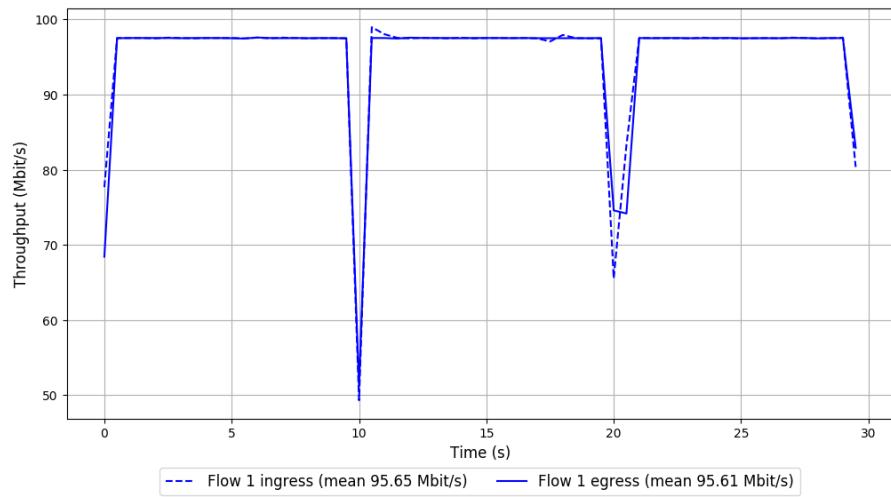


Run 5: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 00:20:28 +0000
End at: Tue, 25 Jul 2017 00:20:58 +0000
Local clock offset: 0.764 ms
Remote clock offset: -25.675 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 47.864 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 47.864 ms
Loss rate: 0.12%
```

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

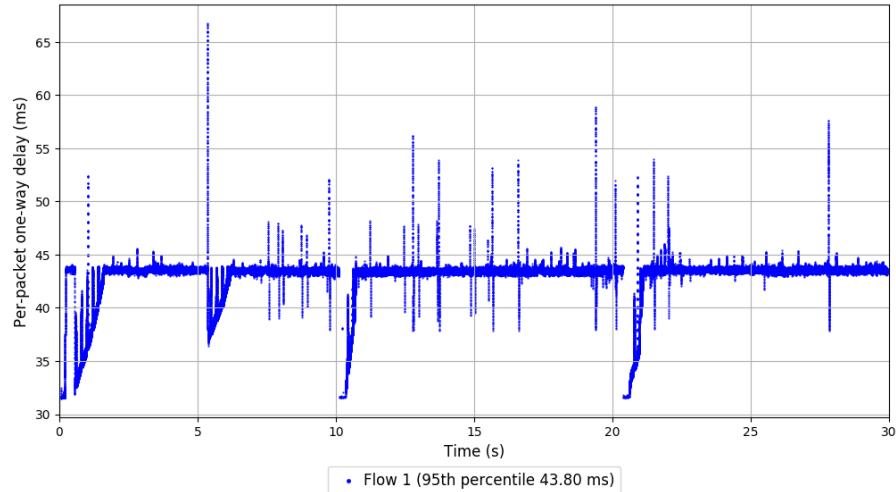
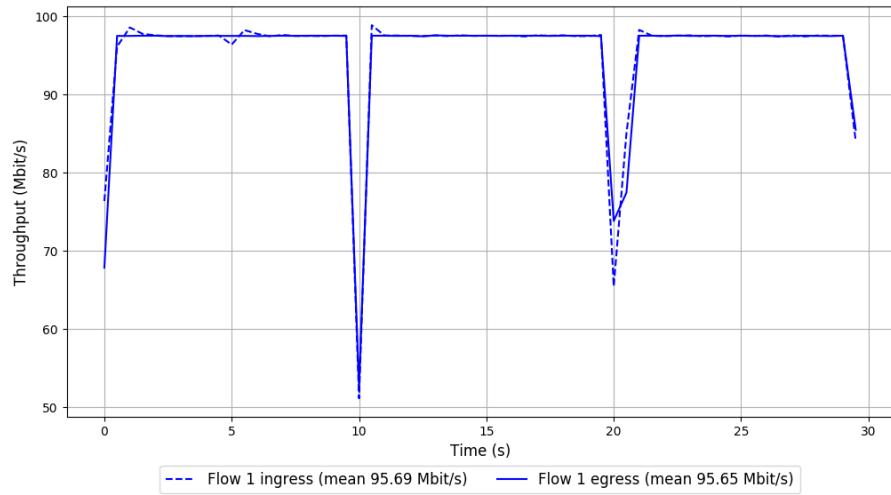


Run 6: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 00:38:19 +0000
End at: Tue, 25 Jul 2017 00:38:49 +0000
Local clock offset: 1.512 ms
Remote clock offset: -20.276 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 43.805 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 43.805 ms
Loss rate: 0.12%
```

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

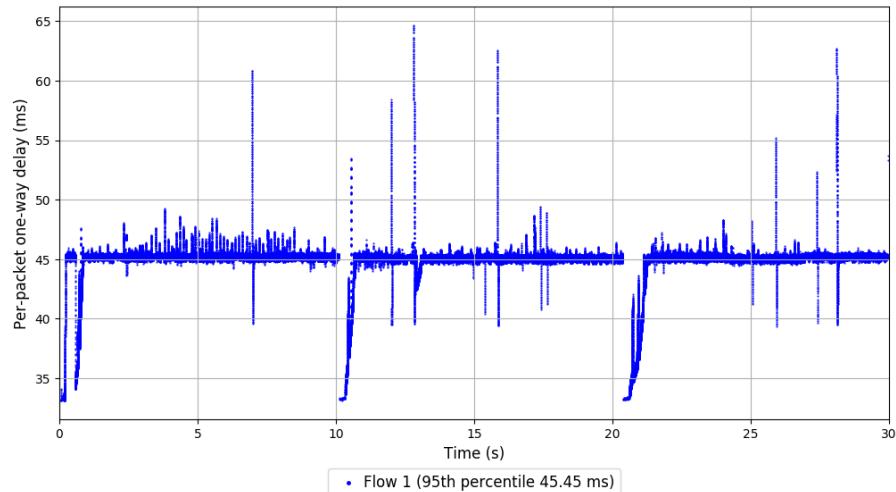
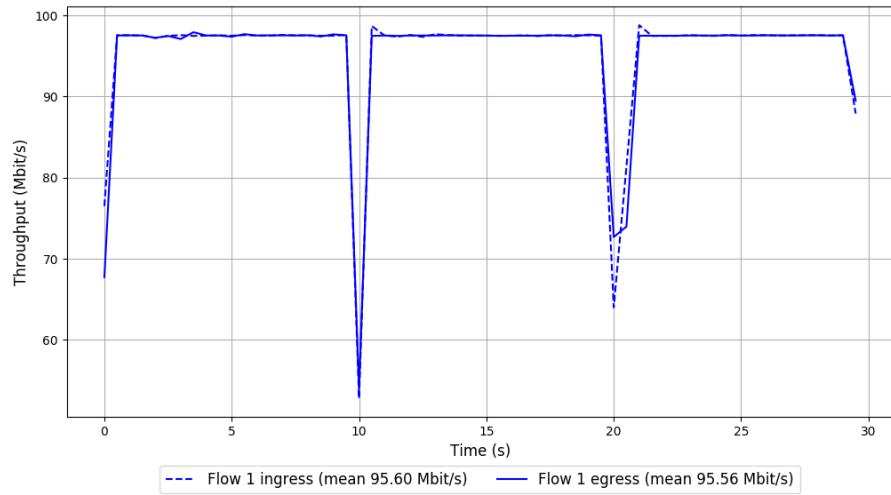


Run 7: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 00:56:14 +0000
End at: Tue, 25 Jul 2017 00:56:44 +0000
Local clock offset: 2.564 ms
Remote clock offset: -21.509 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 45.449 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 45.449 ms
Loss rate: 0.13%
```

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

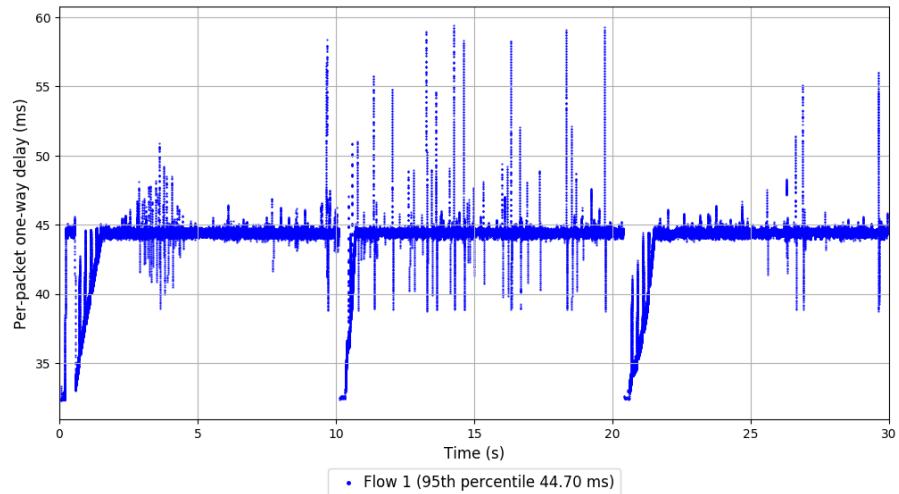
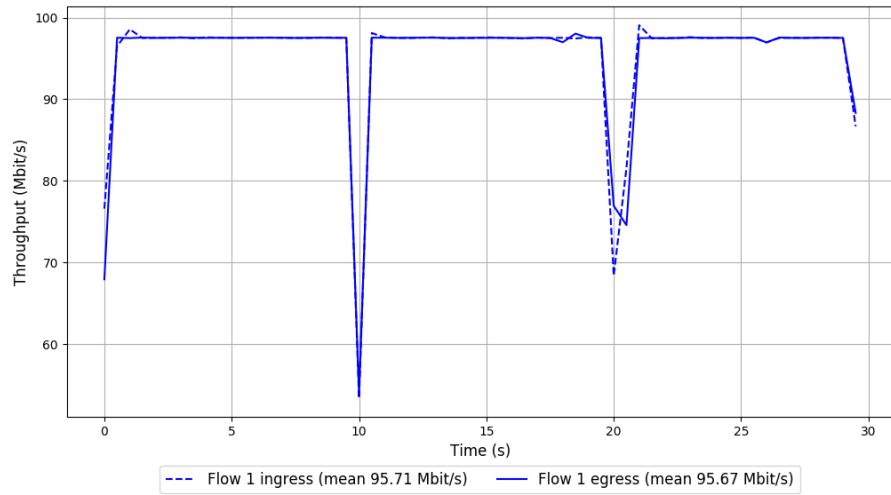


Run 8: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 01:14:24 +0000
End at: Tue, 25 Jul 2017 01:14:54 +0000
Local clock offset: 1.807 ms
Remote clock offset: -22.268 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 44.699 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 44.699 ms
Loss rate: 0.12%
```

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

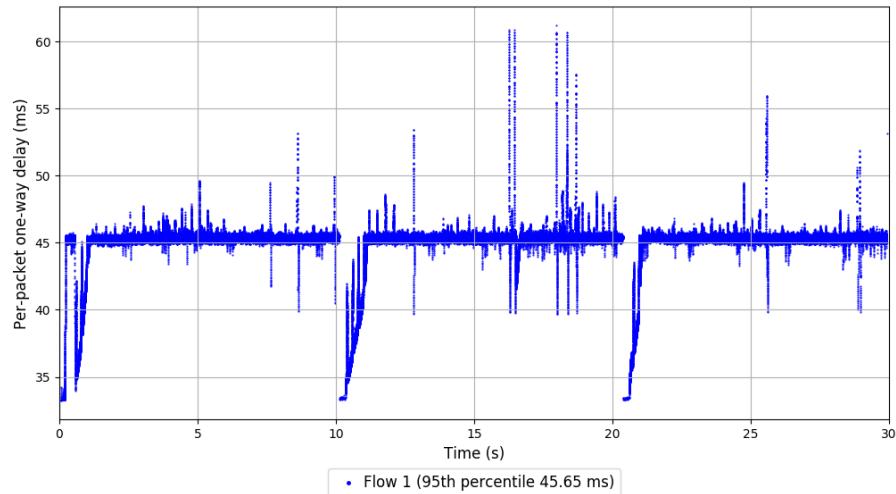
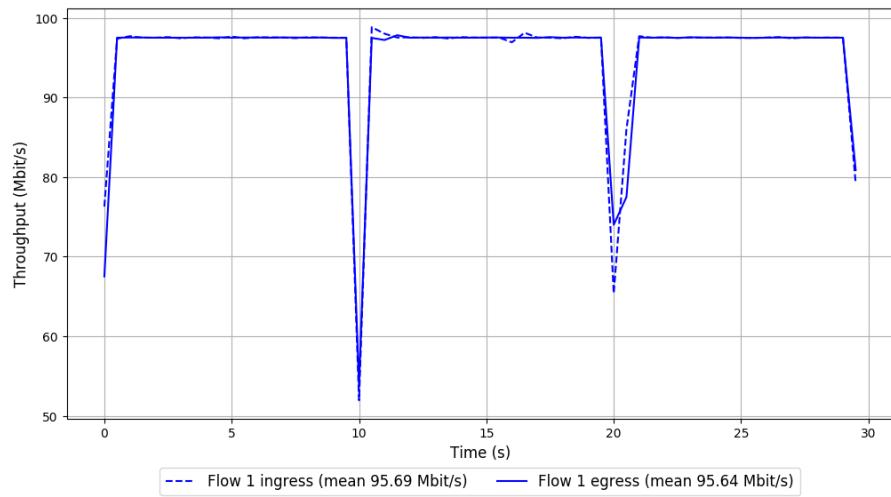


Run 9: Statistics of TCP BBR

```
Start at: Tue, 25 Jul 2017 01:32:31 +0000
End at: Tue, 25 Jul 2017 01:33:01 +0000
Local clock offset: 3.168 ms
Remote clock offset: -22.411 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 45.652 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 45.652 ms
Loss rate: 0.13%
```

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

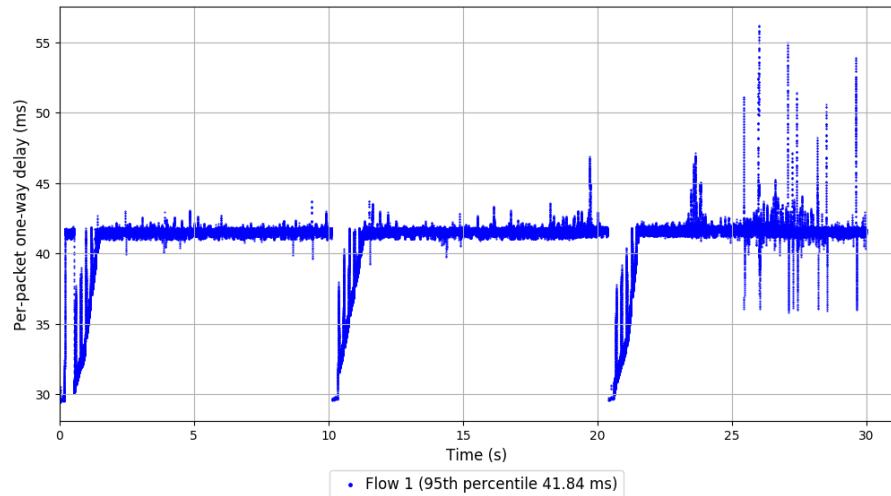
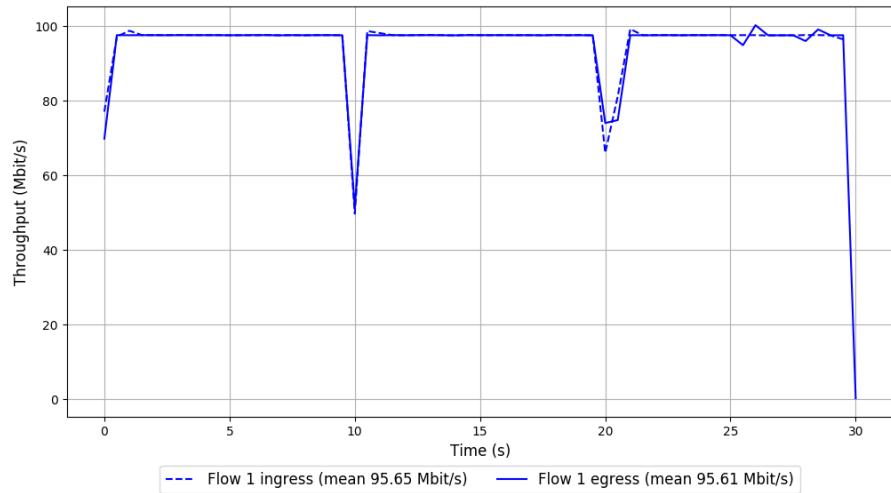


```
Run 10: Statistics of TCP BBR
```

```
Start at: Tue, 25 Jul 2017 01:50:13 +0000
End at: Tue, 25 Jul 2017 01:50:43 +0000
Local clock offset: 1.016 ms
Remote clock offset: -21.913 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:39:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 41.835 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 41.835 ms
Loss rate: 0.12%
```

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



```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 22:59:12 +0000
```

```
End at: Mon, 24 Jul 2017 22:59:42 +0000
```

```
Local clock offset: 4.072 ms
```

```
Remote clock offset: -21.481 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:03 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 96.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 42.438 ms
```

```
Loss rate: 0.12%
```

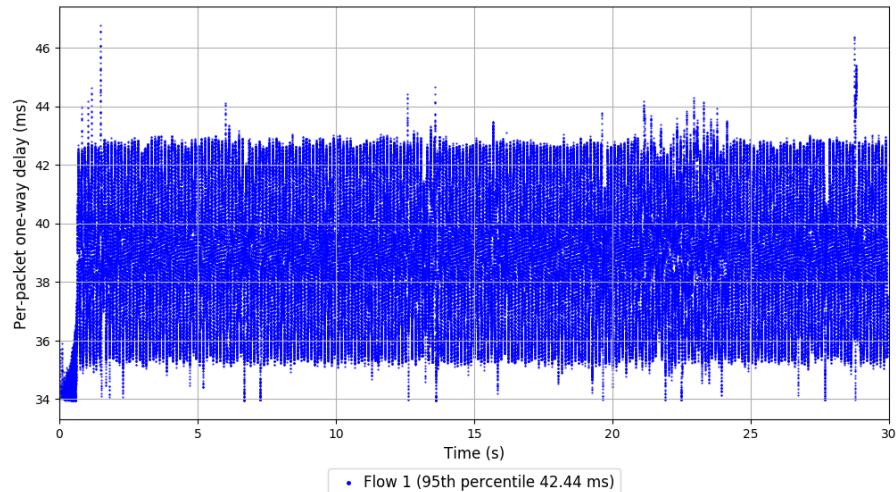
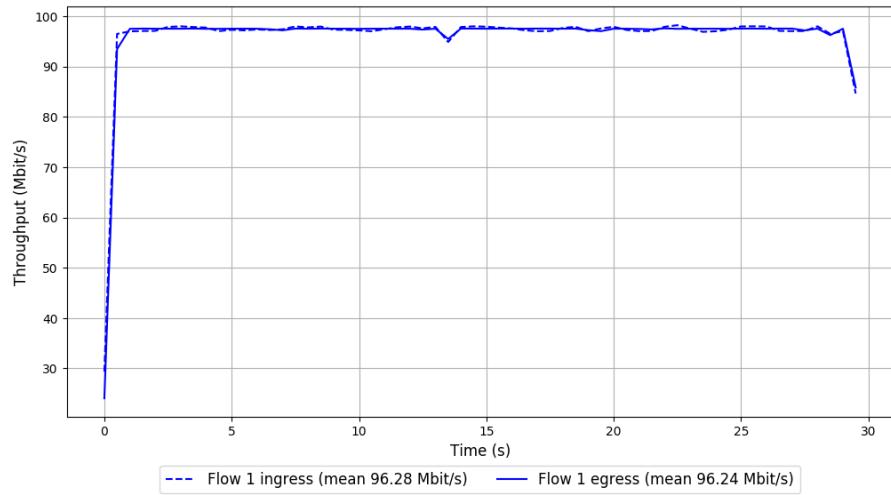
```
-- Flow 1:
```

```
Average throughput: 96.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 42.438 ms
```

```
Loss rate: 0.12%
```

Run 1: Report of CalibratedKoho — Data Link

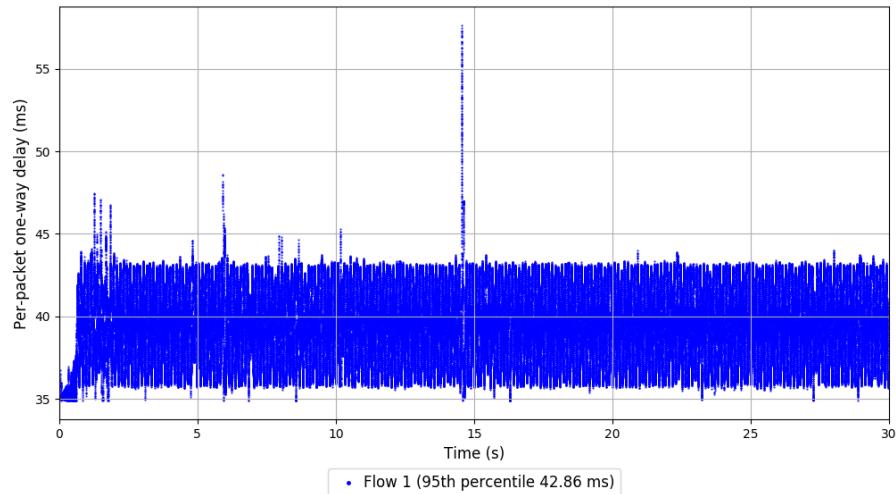
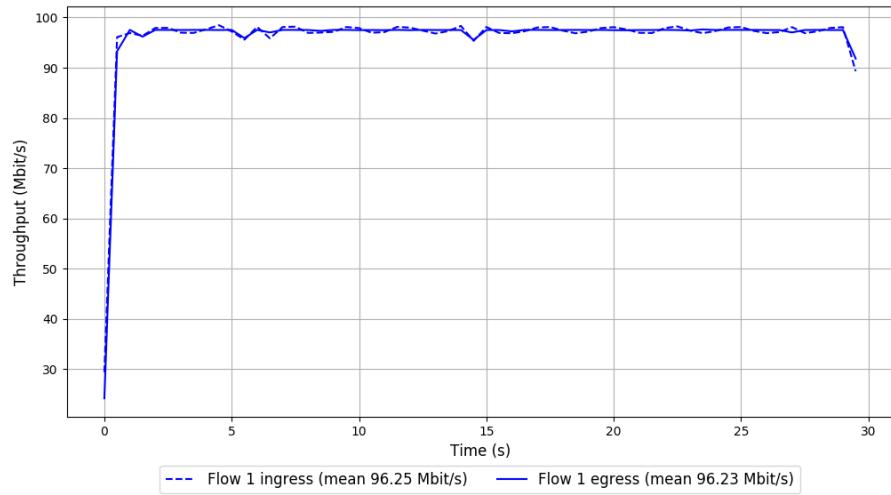


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 23:17:00 +0000
End at: Mon, 24 Jul 2017 23:17:30 +0000
Local clock offset: 4.243 ms
Remote clock offset: -20.773 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 42.861 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 42.861 ms
Loss rate: 0.10%
```

Run 2: Report of CalibratedKoho — Data Link

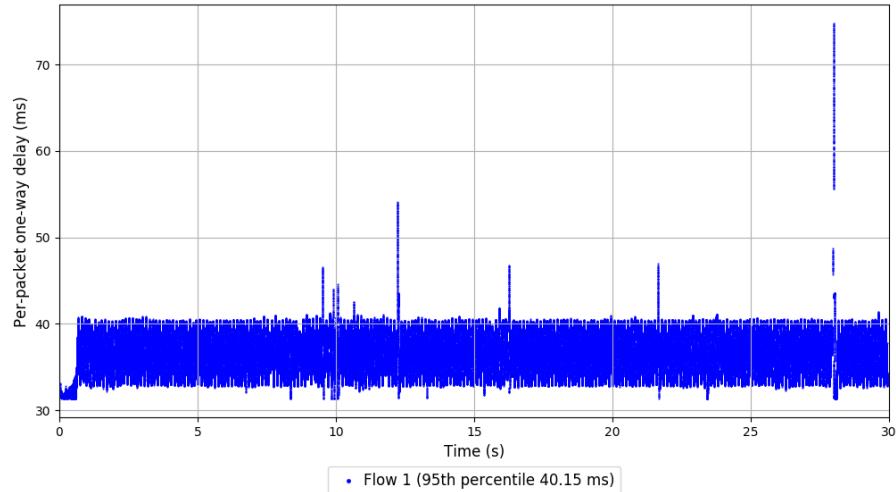
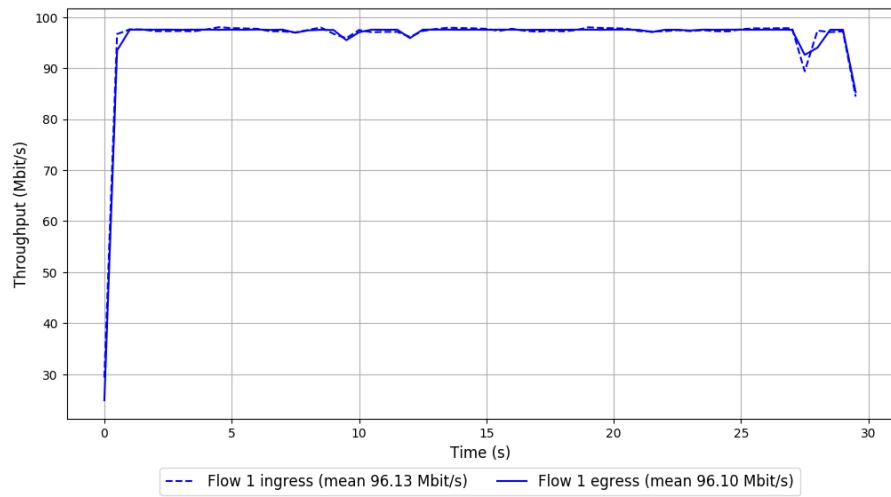


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 23:34:50 +0000
End at: Mon, 24 Jul 2017 23:35:20 +0000
Local clock offset: 1.204 ms
Remote clock offset: -21.016 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 40.147 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 40.147 ms
Loss rate: 0.11%
```

Run 3: Report of CalibratedKoho — Data Link

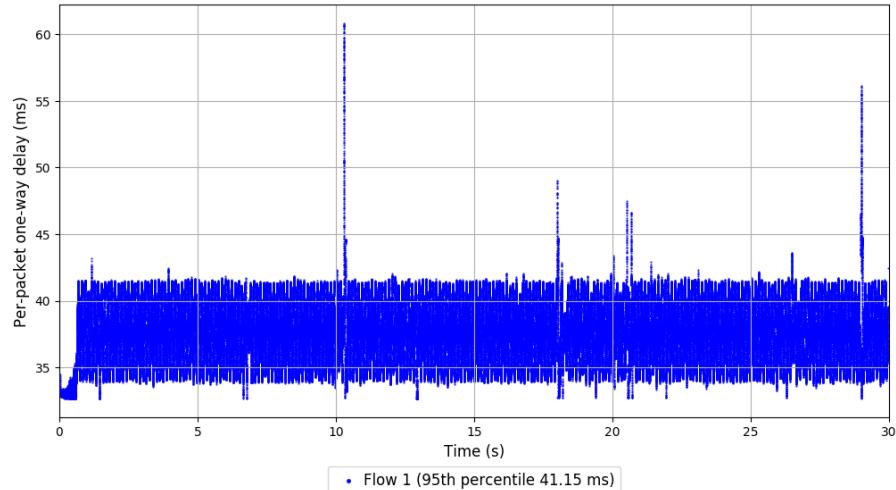
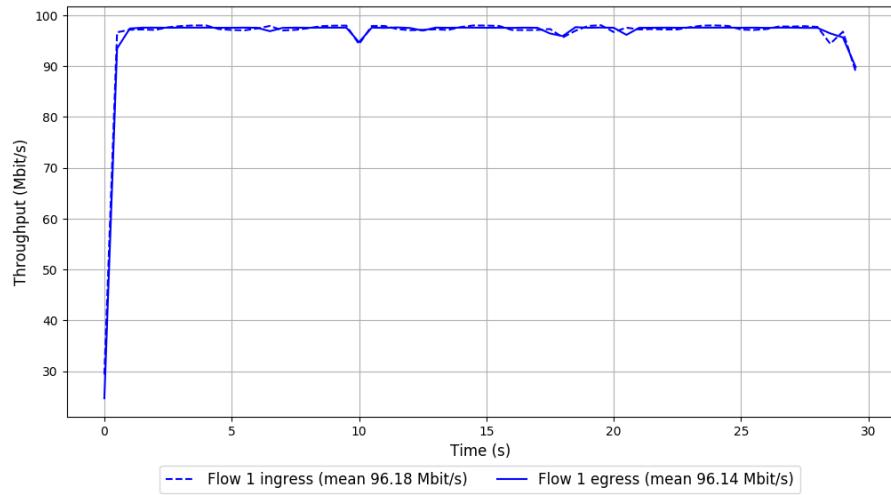


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 23:52:40 +0000
End at: Mon, 24 Jul 2017 23:53:10 +0000
Local clock offset: 2.131 ms
Remote clock offset: -21.109 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 41.153 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 41.153 ms
Loss rate: 0.11%
```

Run 4: Report of CalibratedKoho — Data Link

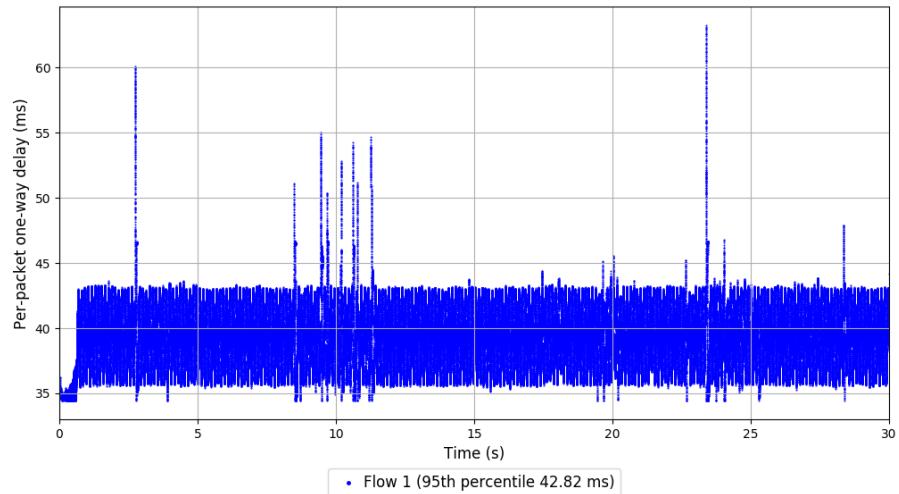
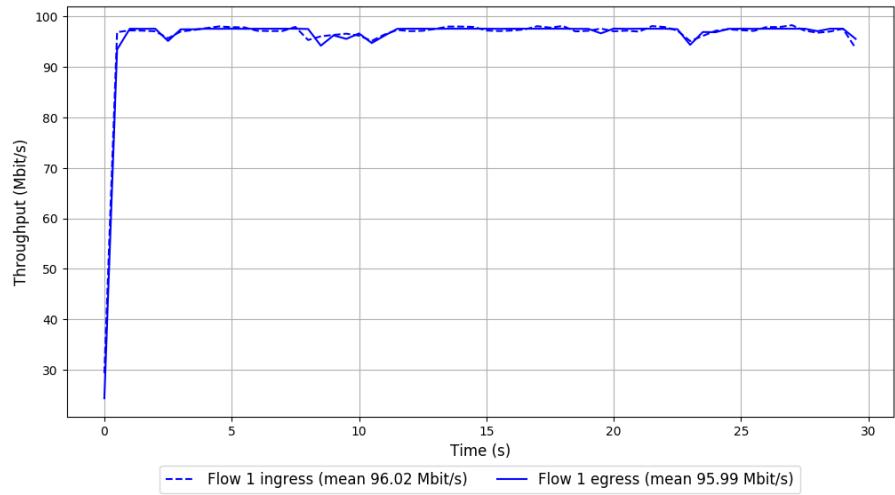


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 25 Jul 2017 00:10:37 +0000
End at: Tue, 25 Jul 2017 00:11:07 +0000
Local clock offset: 5.091 ms
Remote clock offset: -18.821 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 42.822 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 42.822 ms
Loss rate: 0.09%
```

Run 5: Report of CalibratedKoho — Data Link

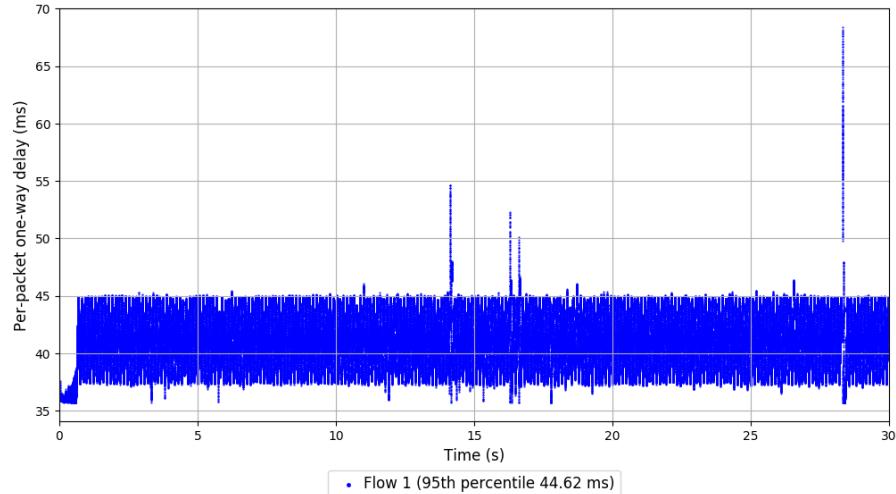
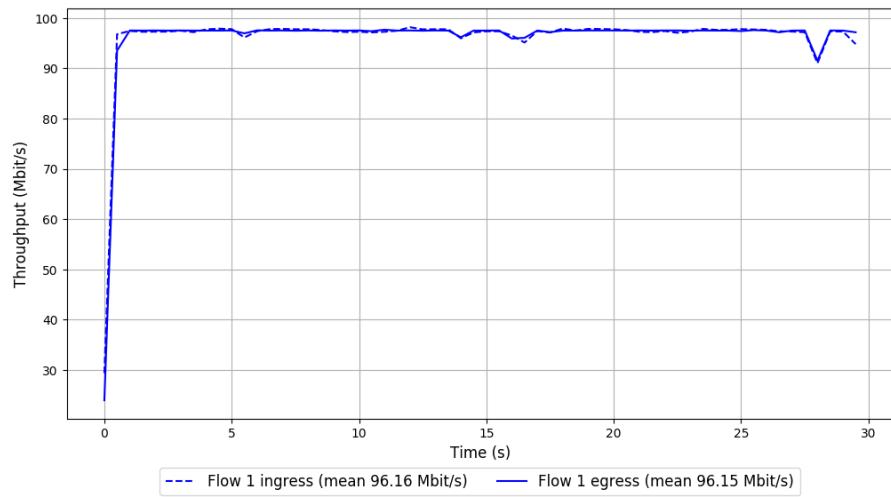


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 25 Jul 2017 00:28:28 +0000
End at: Tue, 25 Jul 2017 00:28:58 +0000
Local clock offset: 5.583 ms
Remote clock offset: -20.086 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 44.616 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 44.616 ms
Loss rate: 0.09%
```

Run 6: Report of CalibratedKoho — Data Link

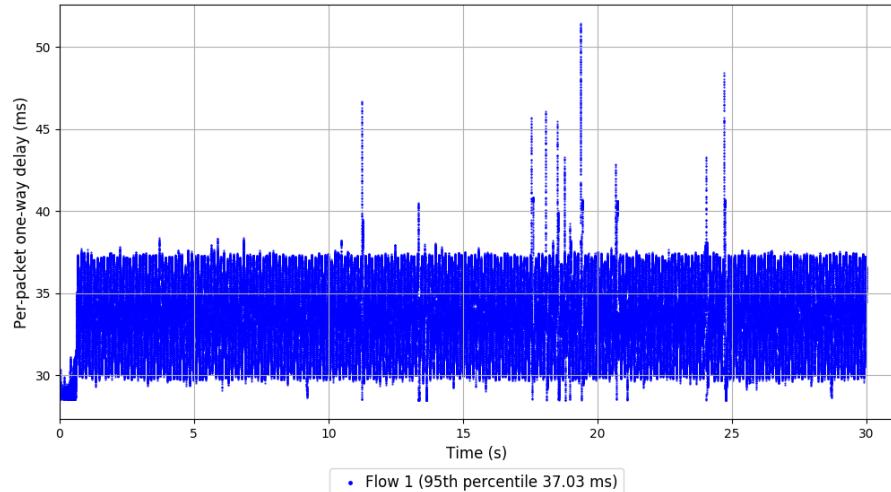
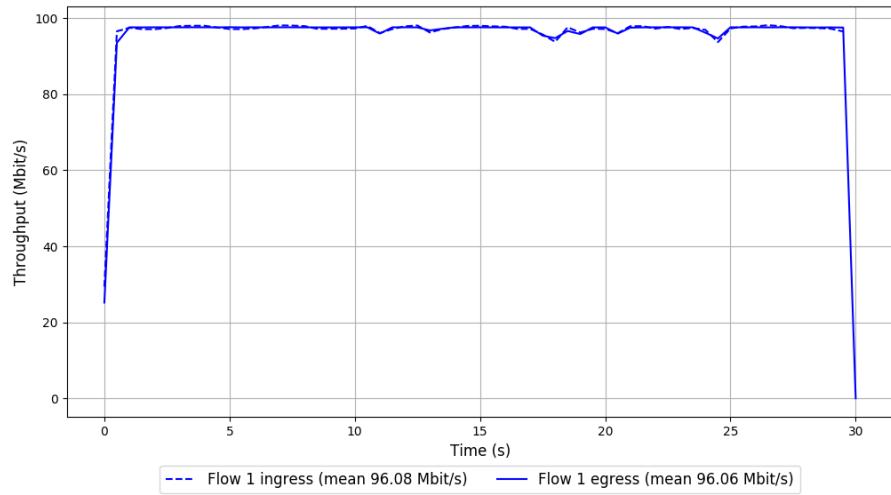


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 25 Jul 2017 00:46:21 +0000
End at: Tue, 25 Jul 2017 00:46:51 +0000
Local clock offset: -0.5 ms
Remote clock offset: -19.603 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 37.033 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 37.033 ms
Loss rate: 0.09%
```

Run 7: Report of CalibratedKoho — Data Link

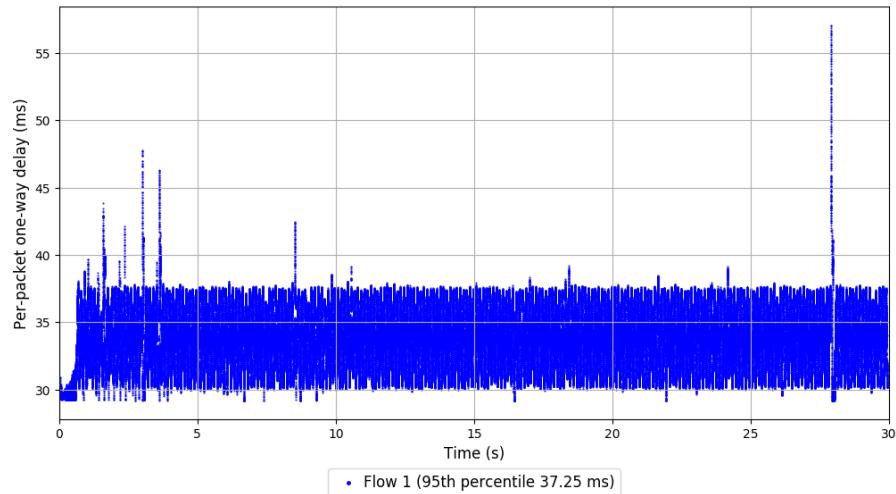
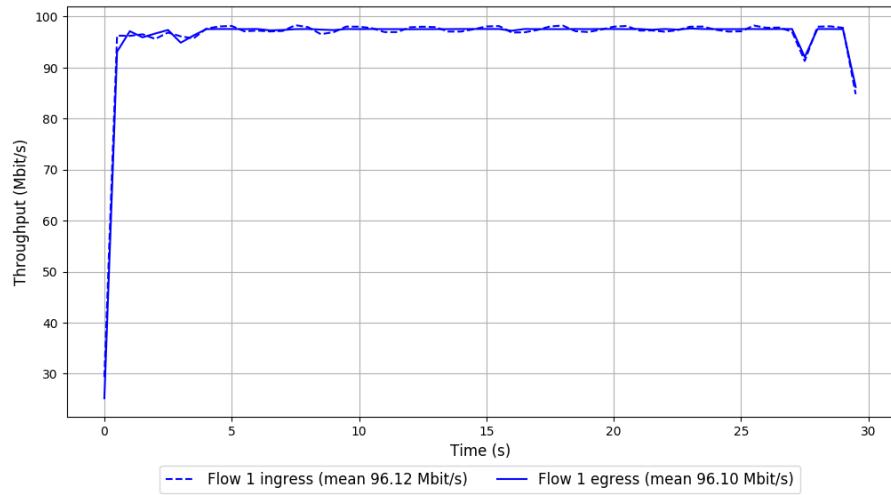


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 25 Jul 2017 01:04:21 +0000
End at: Tue, 25 Jul 2017 01:04:51 +0000
Local clock offset: -1.106 ms
Remote clock offset: -21.494 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 37.249 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 37.249 ms
Loss rate: 0.10%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 25 Jul 2017 01:22:23 +0000
```

```
End at: Tue, 25 Jul 2017 01:22:53 +0000
```

```
Local clock offset: 3.815 ms
```

```
Remote clock offset: -22.368 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:55 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 96.12 Mbit/s
```

```
95th percentile per-packet one-way delay: 43.136 ms
```

```
Loss rate: 0.09%
```

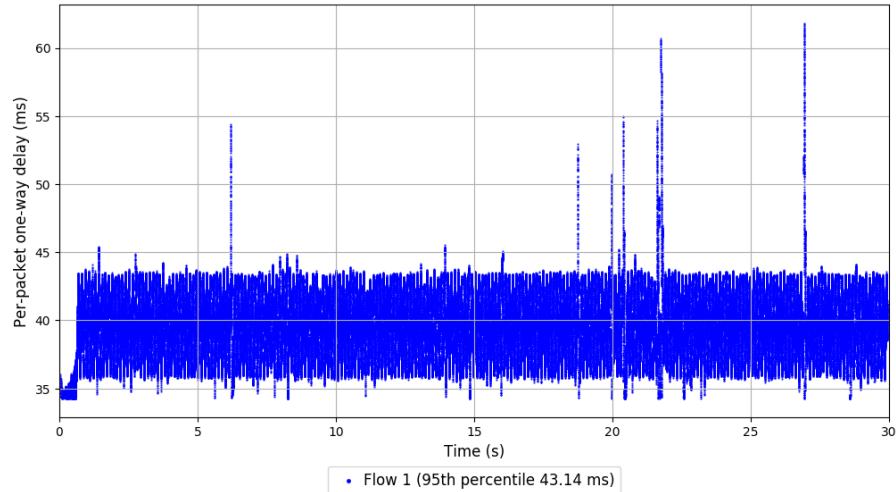
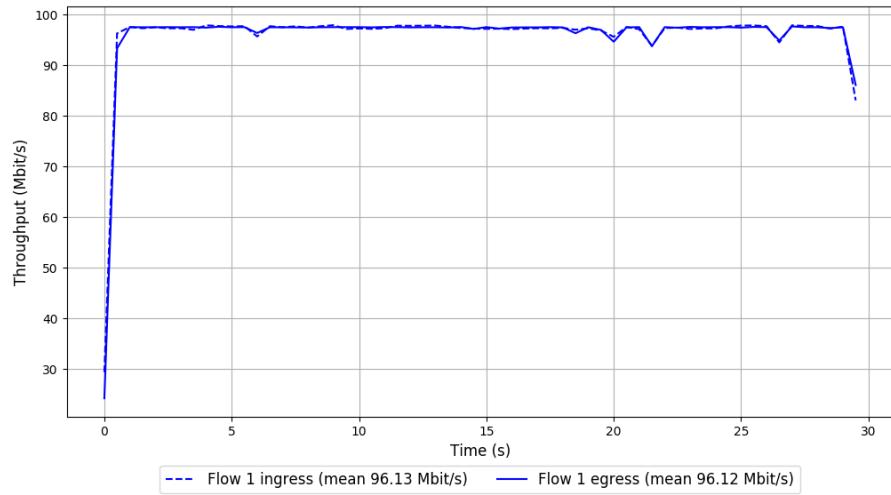
```
-- Flow 1:
```

```
Average throughput: 96.12 Mbit/s
```

```
95th percentile per-packet one-way delay: 43.136 ms
```

```
Loss rate: 0.09%
```

Run 9: Report of CalibratedKoho — Data Link



```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Tue, 25 Jul 2017 01:40:35 +0000
```

```
End at: Tue, 25 Jul 2017 01:41:05 +0000
```

```
Local clock offset: -0.059 ms
```

```
Remote clock offset: -23.721 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 02:40:55 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 96.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.475 ms
```

```
Loss rate: 0.11%
```

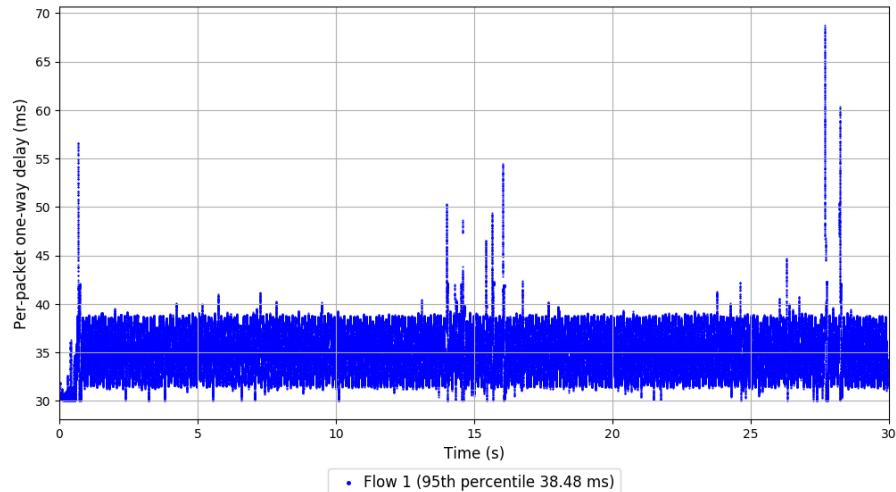
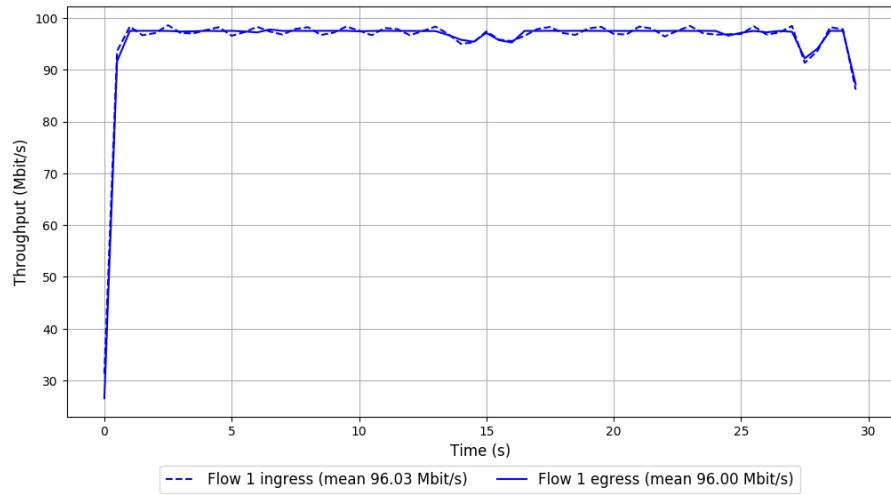
```
-- Flow 1:
```

```
Average throughput: 96.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.475 ms
```

```
Loss rate: 0.11%
```

Run 10: Report of CalibratedKoho — Data Link

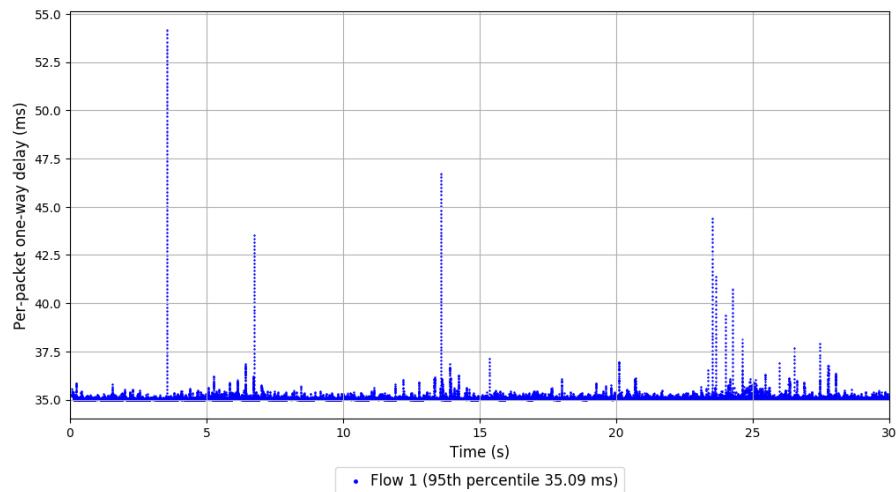
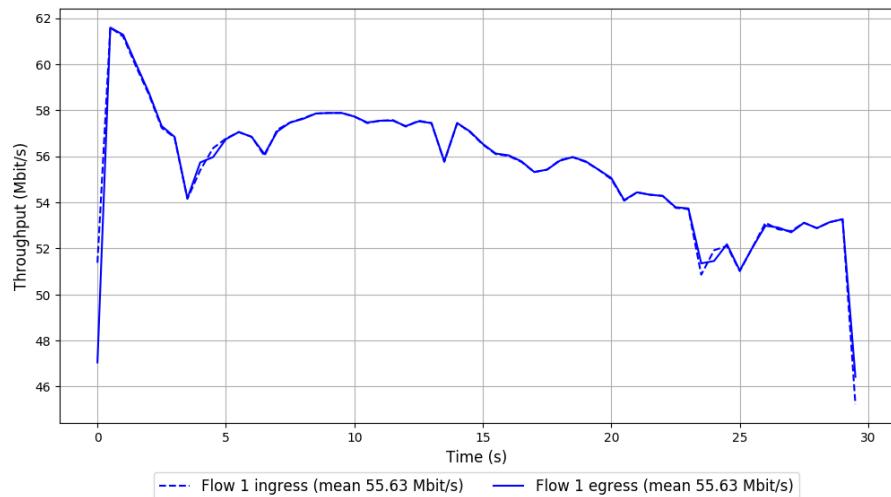


Run 1: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 23:01:36 +0000
End at: Mon, 24 Jul 2017 23:02:06 +0000
Local clock offset: 5.071 ms
Remote clock offset: -21.333 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 35.095 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 35.095 ms
Loss rate: 0.08%
```

## Run 1: Report of Copa — Data Link

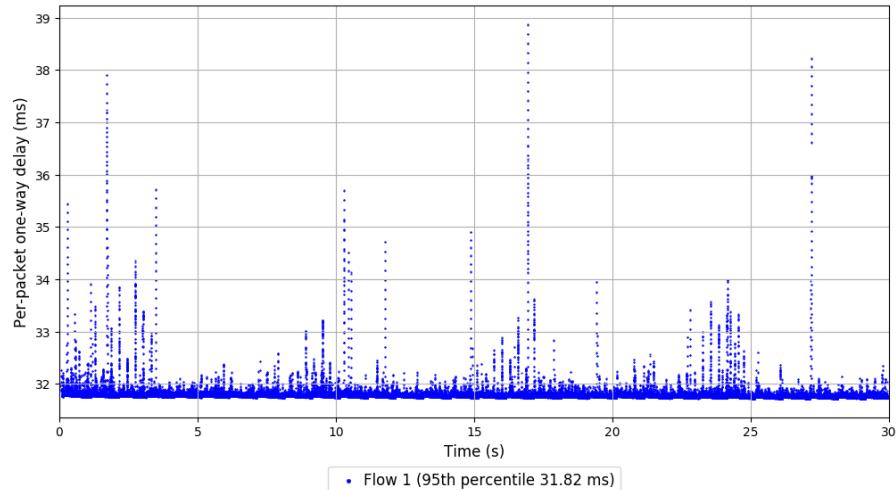
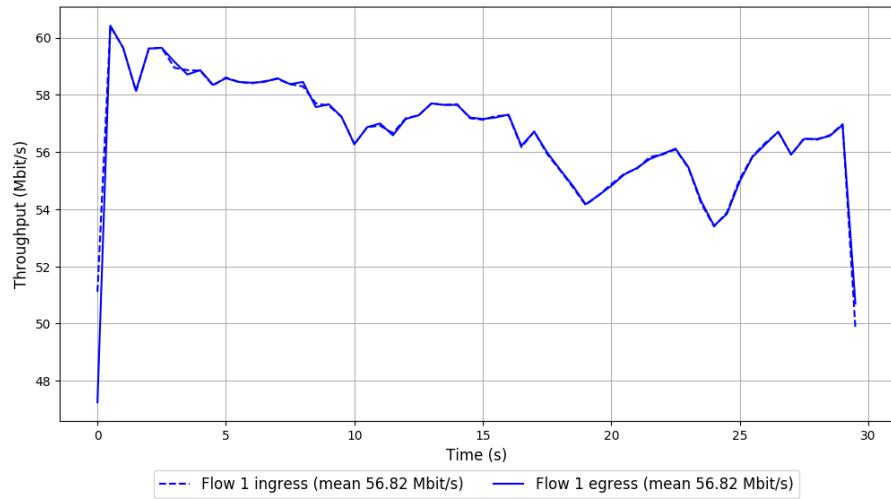


Run 2: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 23:19:28 +0000
End at: Mon, 24 Jul 2017 23:19:58 +0000
Local clock offset: 1.91 ms
Remote clock offset: -20.102 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.82 Mbit/s
95th percentile per-packet one-way delay: 31.824 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.82 Mbit/s
95th percentile per-packet one-way delay: 31.824 ms
Loss rate: 0.08%
```

## Run 2: Report of Copa — Data Link

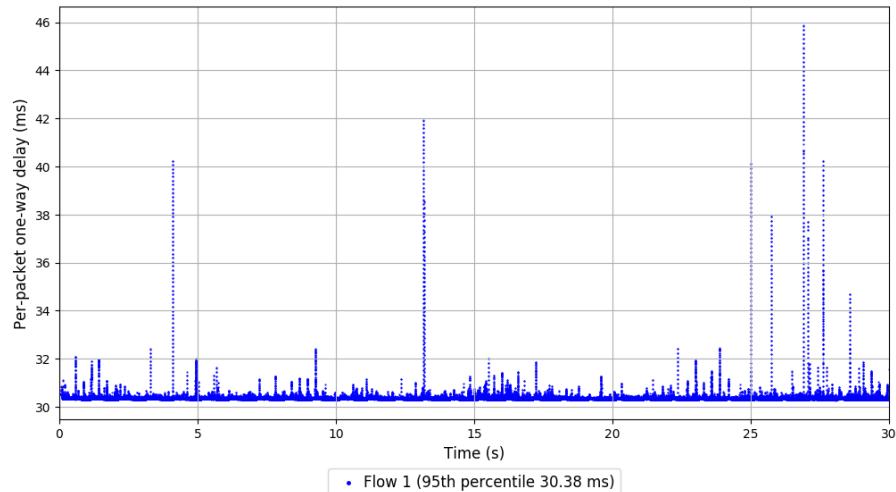
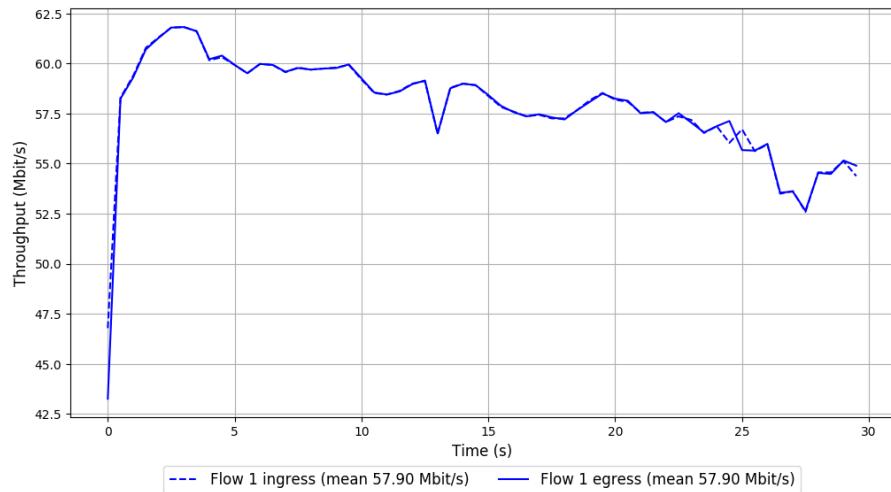


Run 3: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 23:37:16 +0000
End at: Mon, 24 Jul 2017 23:37:46 +0000
Local clock offset: 1.516 ms
Remote clock offset: -19.698 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 30.380 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 30.380 ms
Loss rate: 0.08%
```

### Run 3: Report of Copa — Data Link

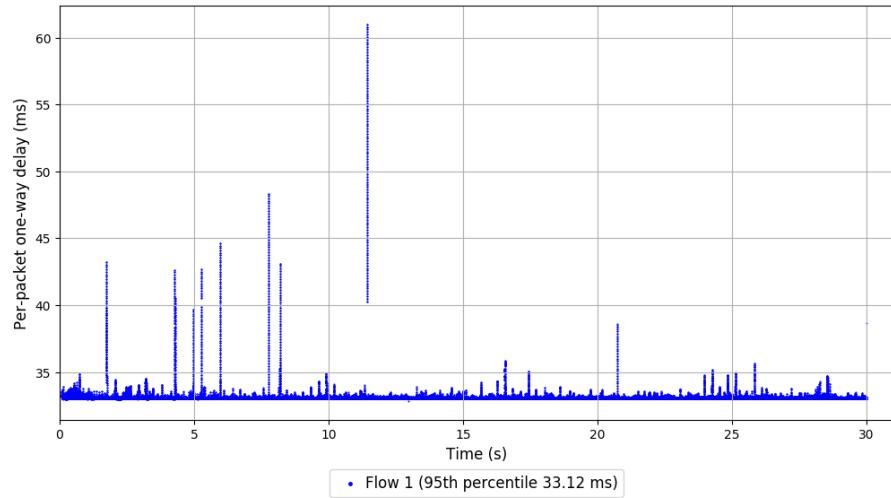
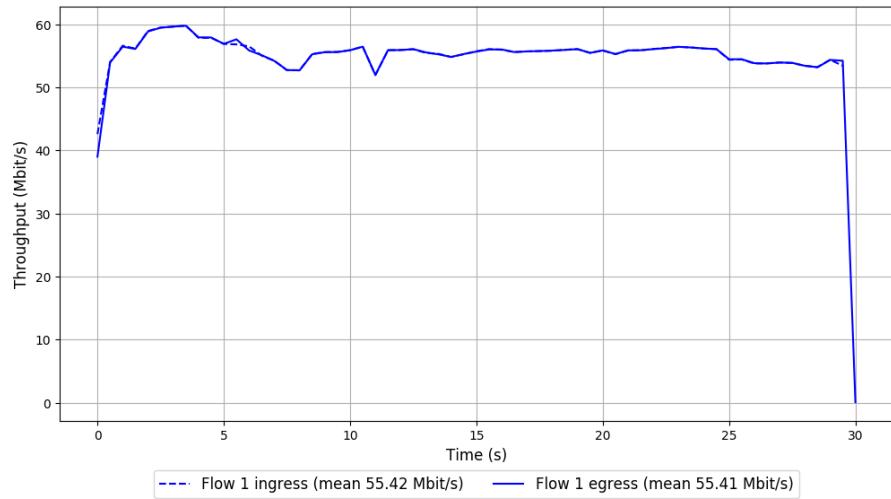


Run 4: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 23:55:01 +0000
End at: Mon, 24 Jul 2017 23:55:31 +0000
Local clock offset: 3.539 ms
Remote clock offset: -19.846 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 33.118 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 33.118 ms
Loss rate: 0.08%
```

## Run 4: Report of Copa — Data Link

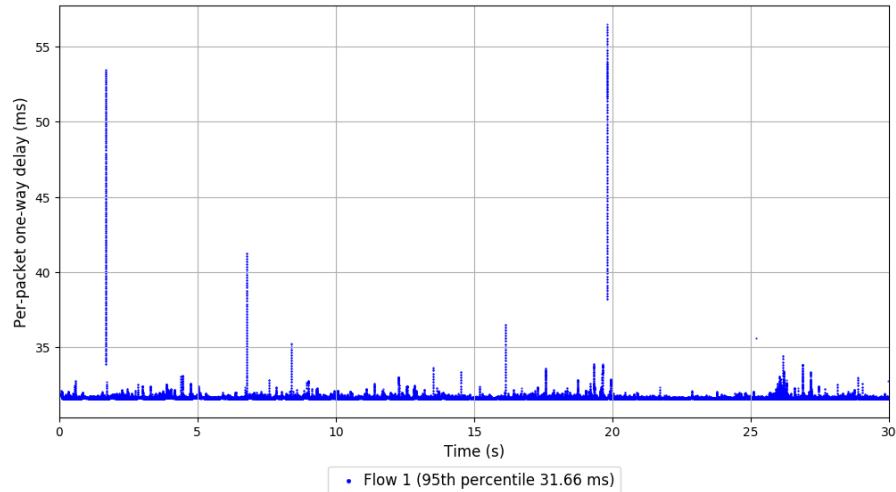
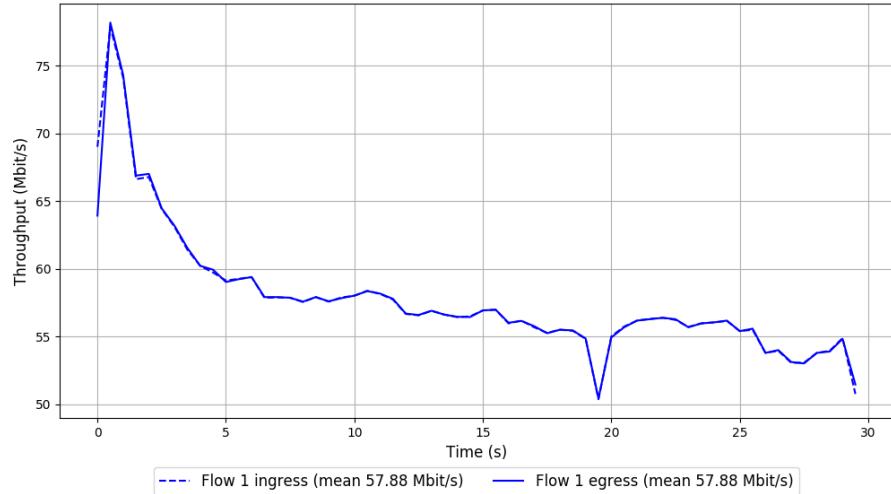


Run 5: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 00:13:04 +0000
End at: Tue, 25 Jul 2017 00:13:34 +0000
Local clock offset: 1.667 ms
Remote clock offset: -19.468 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 31.664 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 31.664 ms
Loss rate: 0.08%
```

## Run 5: Report of Copa — Data Link

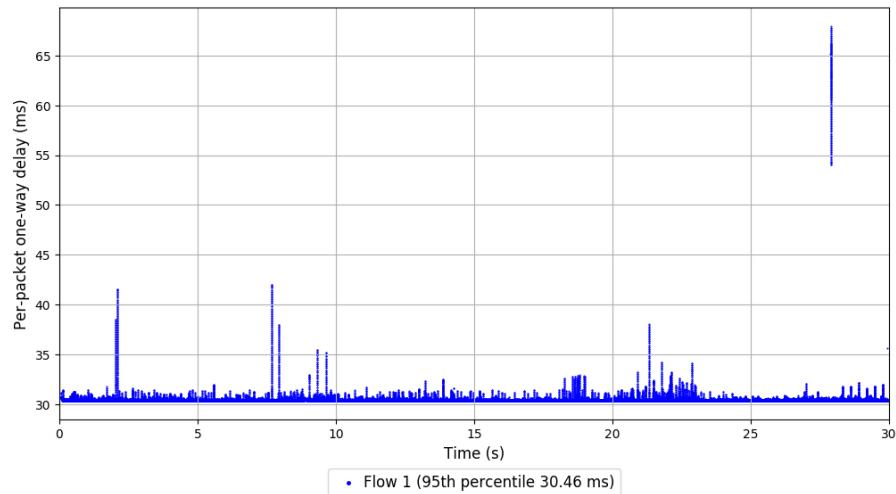
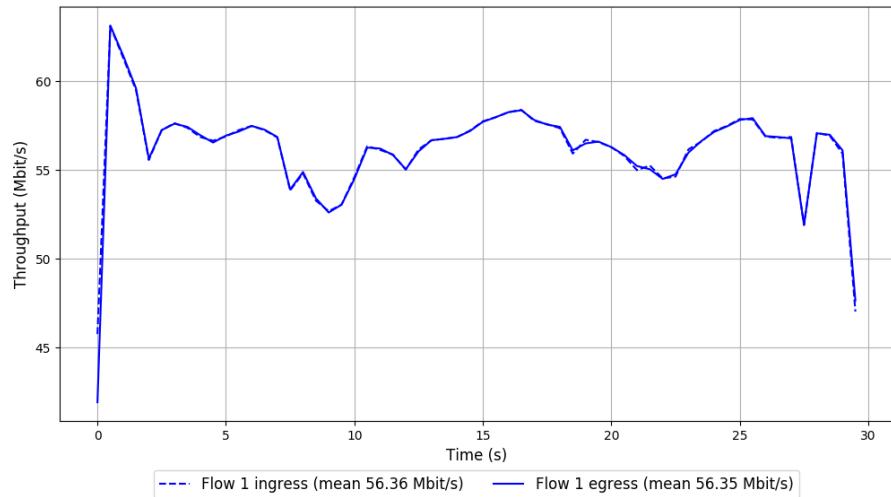


Run 6: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 00:30:52 +0000
End at: Tue, 25 Jul 2017 00:31:22 +0000
Local clock offset: 1.778 ms
Remote clock offset: -19.776 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 30.460 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 30.460 ms
Loss rate: 0.08%
```

## Run 6: Report of Copa — Data Link

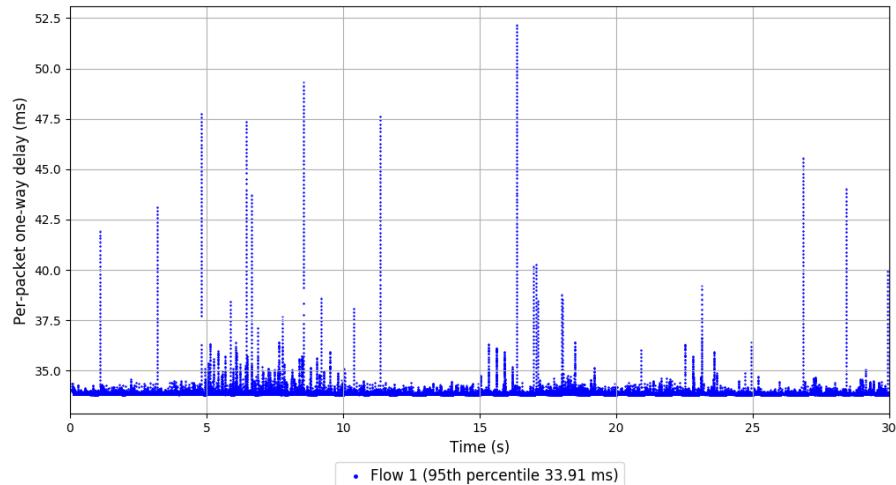
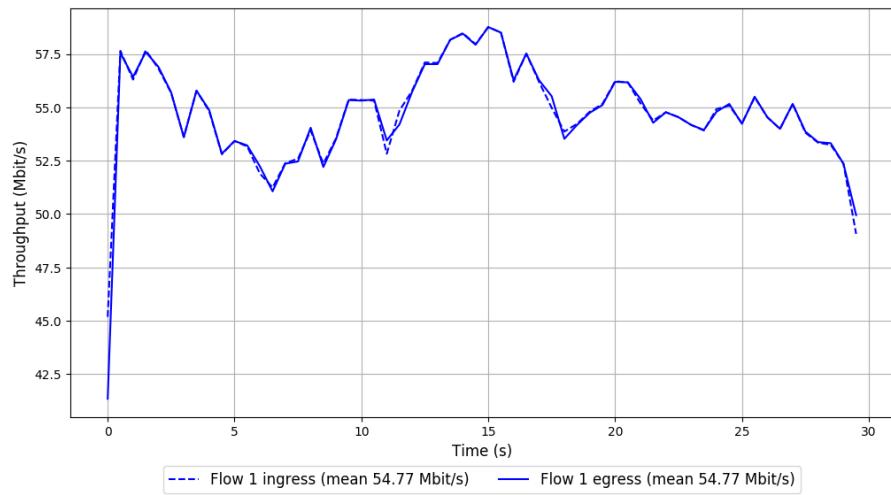


Run 7: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 00:48:43 +0000
End at: Tue, 25 Jul 2017 00:49:13 +0000
Local clock offset: 2.289 ms
Remote clock offset: -22.212 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 33.915 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 33.915 ms
Loss rate: 0.08%
```

### Run 7: Report of Copa — Data Link

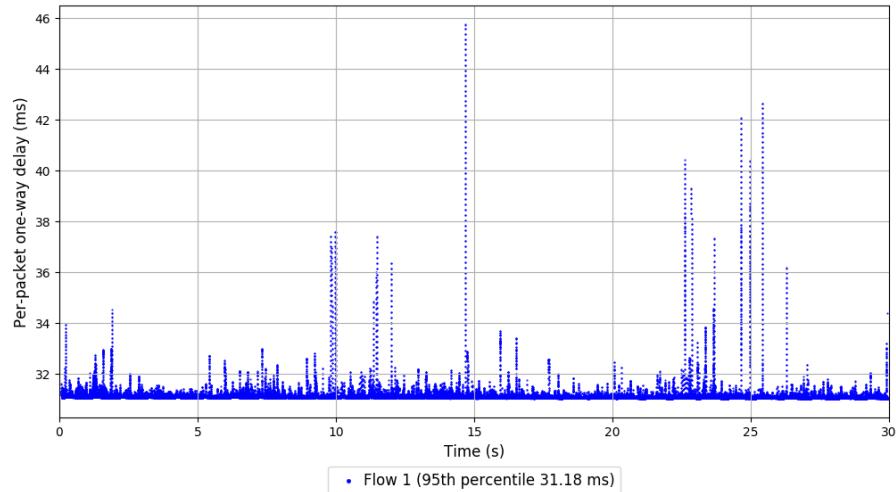
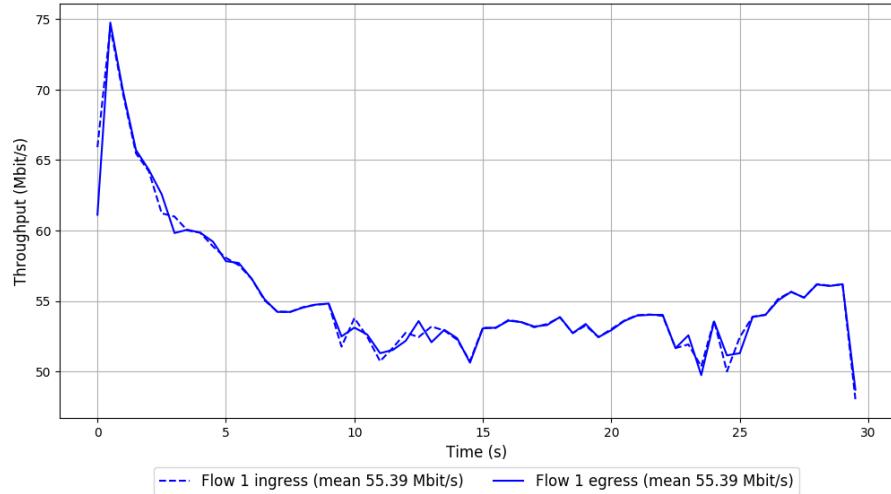


Run 8: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 01:06:50 +0000
End at: Tue, 25 Jul 2017 01:07:20 +0000
Local clock offset: -0.664 ms
Remote clock offset: -23.081 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:41:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.39 Mbit/s
95th percentile per-packet one-way delay: 31.181 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.39 Mbit/s
95th percentile per-packet one-way delay: 31.181 ms
Loss rate: 0.09%
```

## Run 8: Report of Copa — Data Link

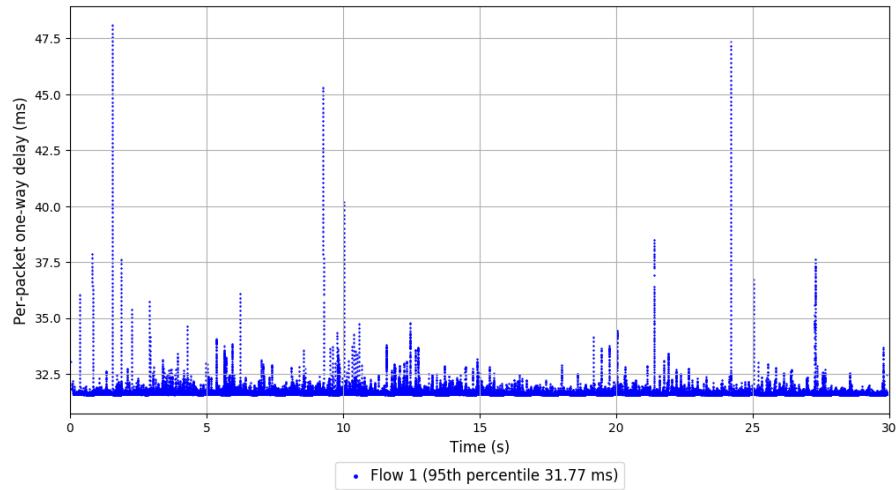
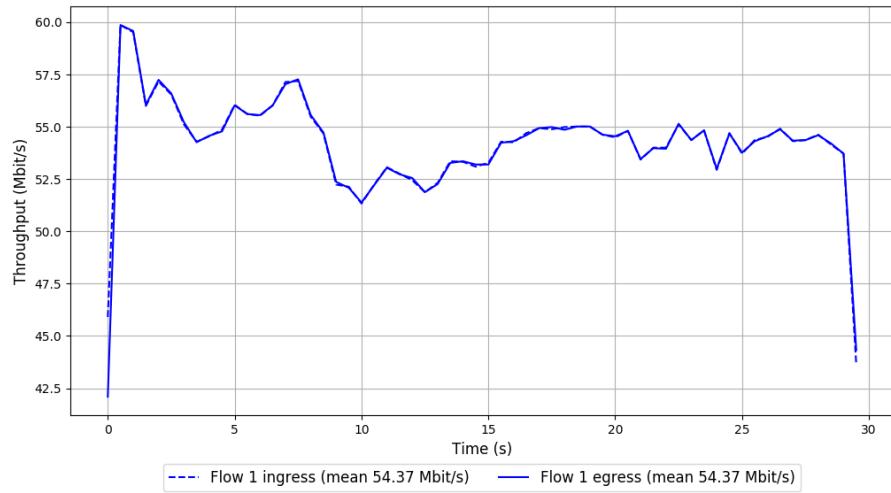


Run 9: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 01:24:58 +0000
End at: Tue, 25 Jul 2017 01:25:28 +0000
Local clock offset: 1.957 ms
Remote clock offset: -21.568 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 31.768 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 31.768 ms
Loss rate: 0.08%
```

## Run 9: Report of Copa — Data Link

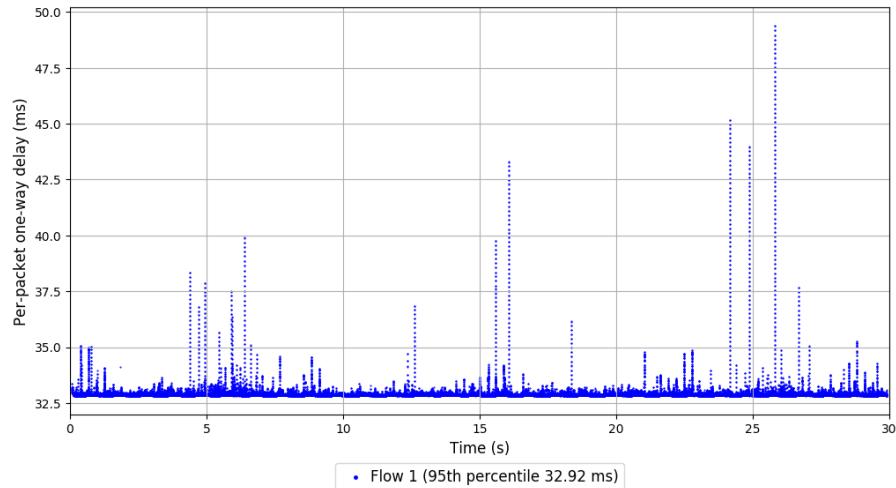
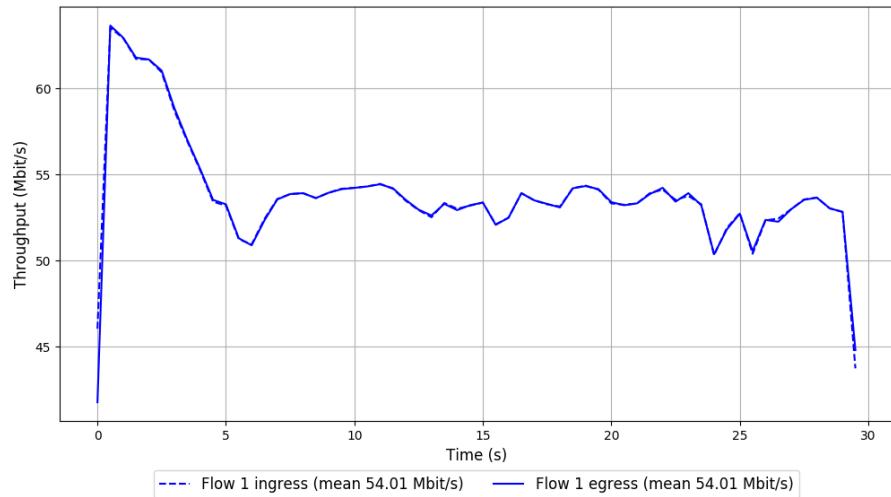


Run 10: Statistics of Copa

```
Start at: Tue, 25 Jul 2017 01:42:55 +0000
End at: Tue, 25 Jul 2017 01:43:25 +0000
Local clock offset: 3.685 ms
Remote clock offset: -22.806 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.01 Mbit/s
95th percentile per-packet one-way delay: 32.918 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.01 Mbit/s
95th percentile per-packet one-way delay: 32.918 ms
Loss rate: 0.08%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Mon, 24 Jul 2017 23:00:25 +0000
```

```
End at: Mon, 24 Jul 2017 23:00:55 +0000
```

```
Local clock offset: 5.378 ms
```

```
Remote clock offset: -23.361 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:16 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 97.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.530 ms
```

```
Loss rate: 0.12%
```

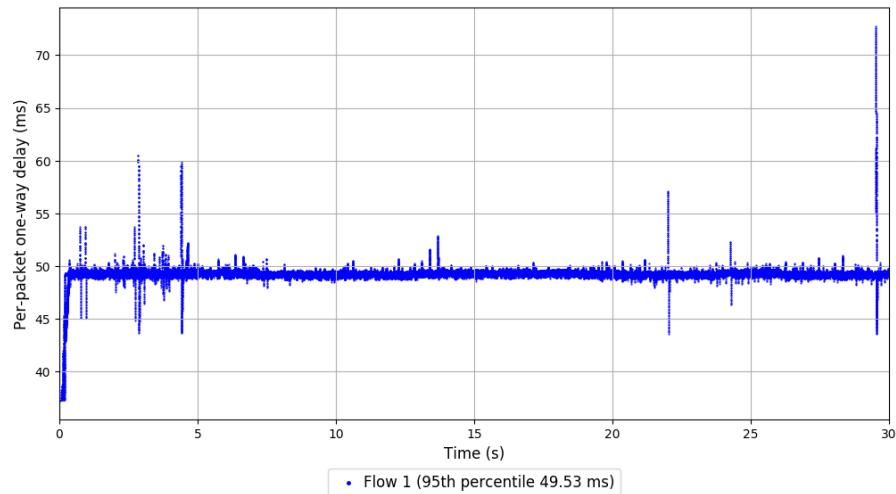
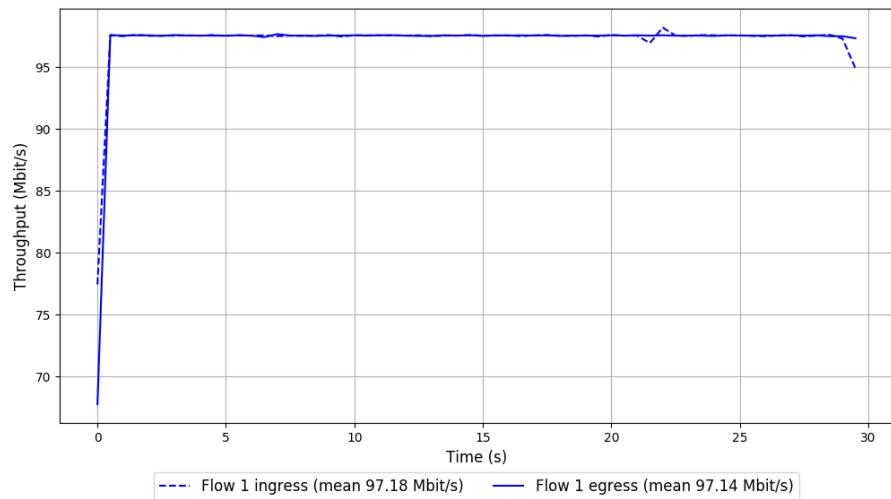
```
-- Flow 1:
```

```
Average throughput: 97.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.530 ms
```

```
Loss rate: 0.12%
```

Run 1: Report of TCP Cubic — Data Link

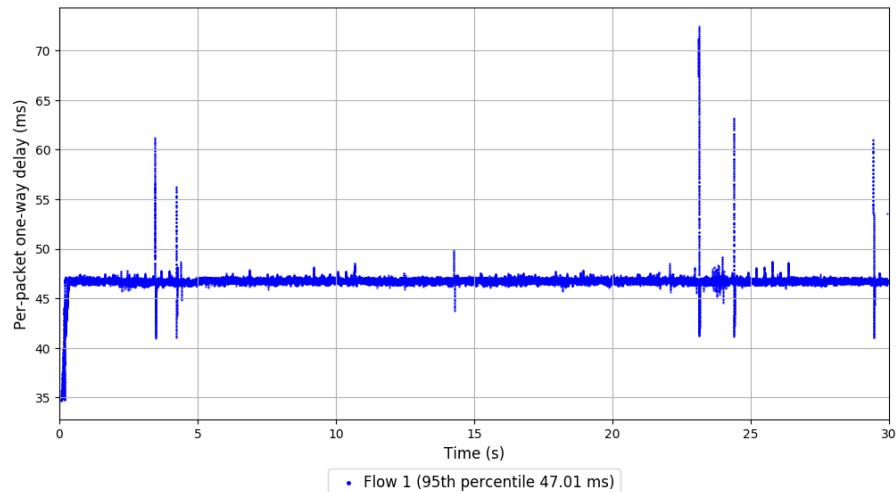
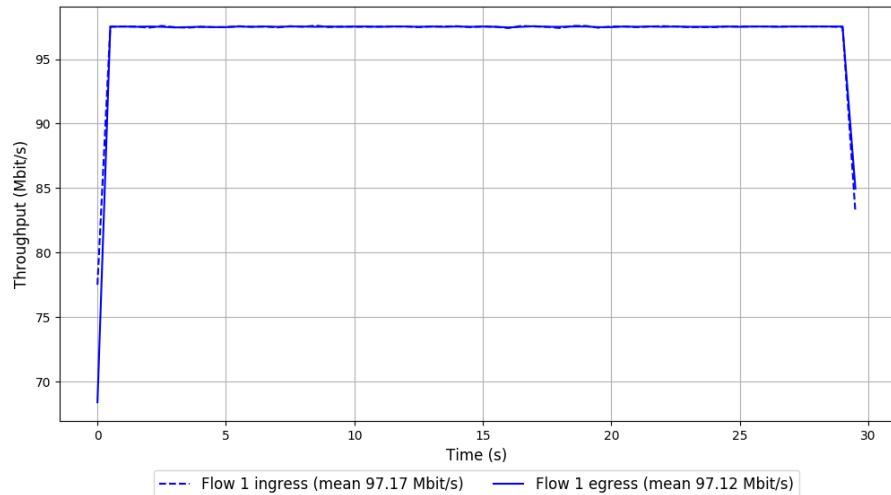


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 23:18:15 +0000
End at: Mon, 24 Jul 2017 23:18:45 +0000
Local clock offset: 3.743 ms
Remote clock offset: -21.14 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 47.006 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 47.006 ms
Loss rate: 0.12%
```

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

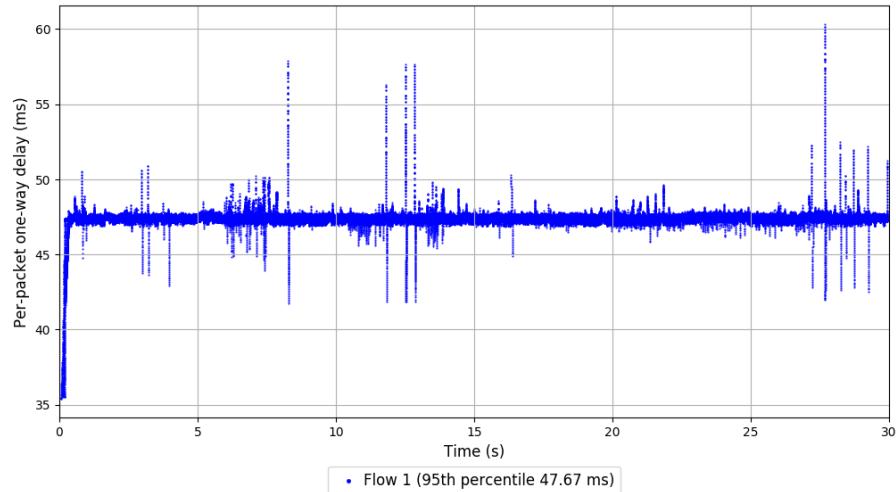
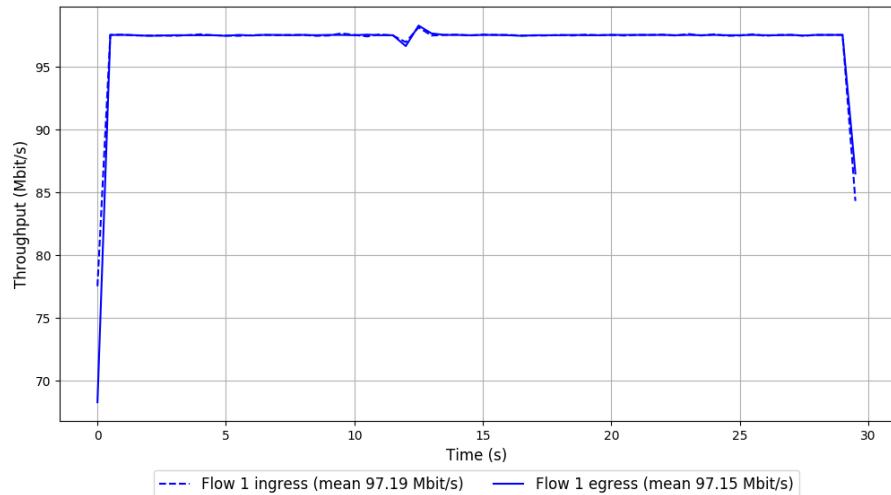


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 23:36:04 +0000
End at: Mon, 24 Jul 2017 23:36:34 +0000
Local clock offset: 4.26 ms
Remote clock offset: -22.06 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 47.666 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 47.666 ms
Loss rate: 0.12%
```

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



Run 4: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:53:56 +0000  
End at: Mon, 24 Jul 2017 23:54:26 +0000  
Local clock offset: 2.518 ms  
Remote clock offset: -20.11 ms

Run 4: Report of TCP Cubic — Data Link

Figure is missing

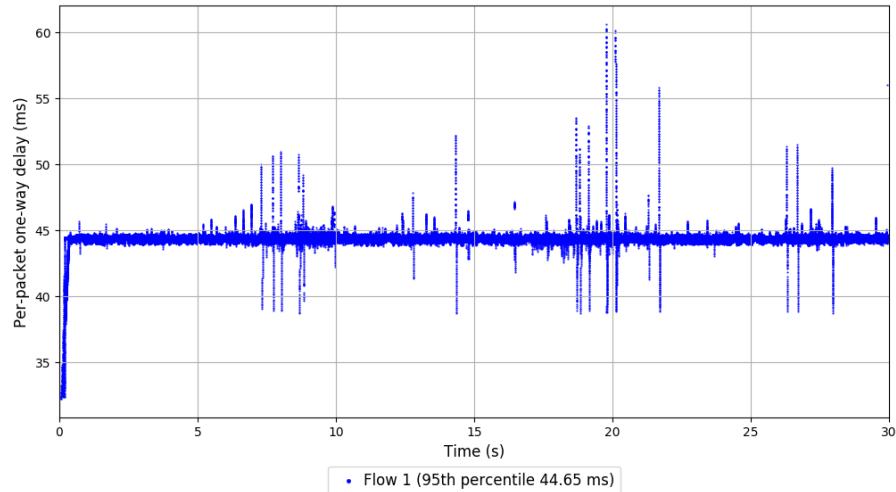
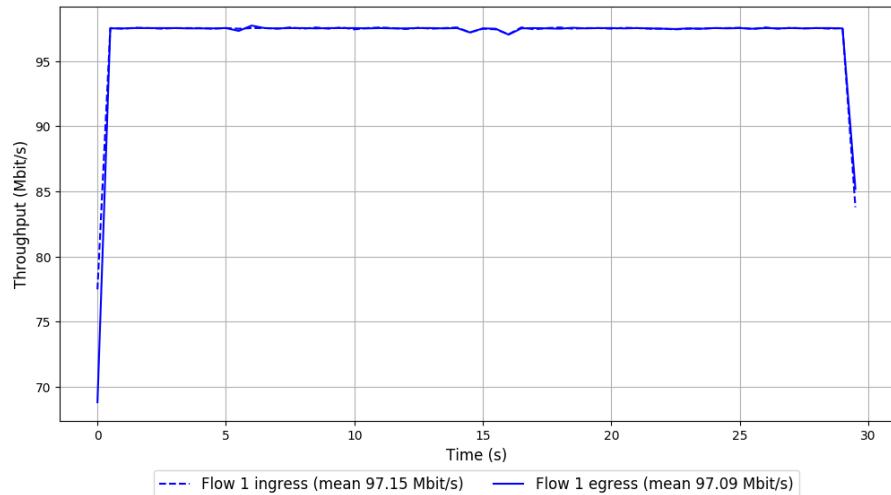
Figure is missing

Run 5: Statistics of TCP Cubic

```
Start at: Tue, 25 Jul 2017 00:11:52 +0000
End at: Tue, 25 Jul 2017 00:12:22 +0000
Local clock offset: 2.343 ms
Remote clock offset: -19.503 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 44.650 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 44.650 ms
Loss rate: 0.12%
```

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



Run 6: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:29:48 +0000  
End at: Tue, 25 Jul 2017 00:30:18 +0000  
Local clock offset: 2.554 ms  
Remote clock offset: -20.215 ms

Run 6: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:47:38 +0000  
End at: Tue, 25 Jul 2017 00:48:08 +0000  
Local clock offset: 1.039 ms  
Remote clock offset: -21.986 ms

Run 7: Report of TCP Cubic — Data Link

Figure is missing

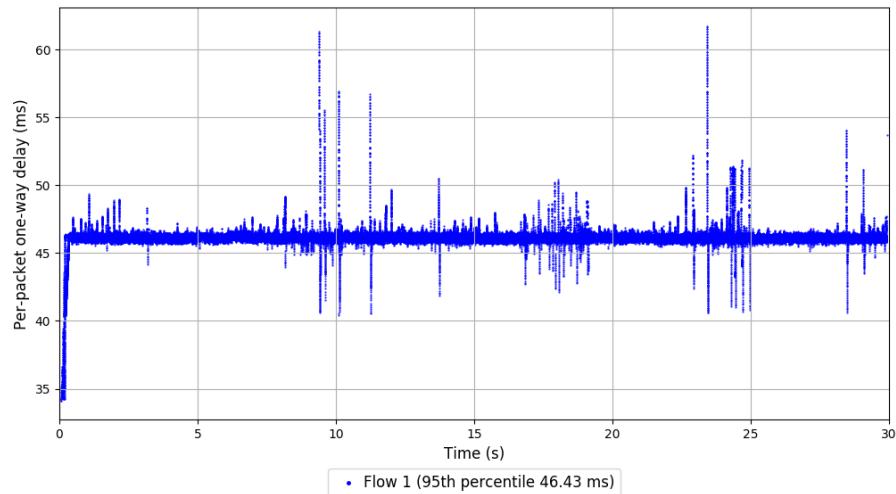
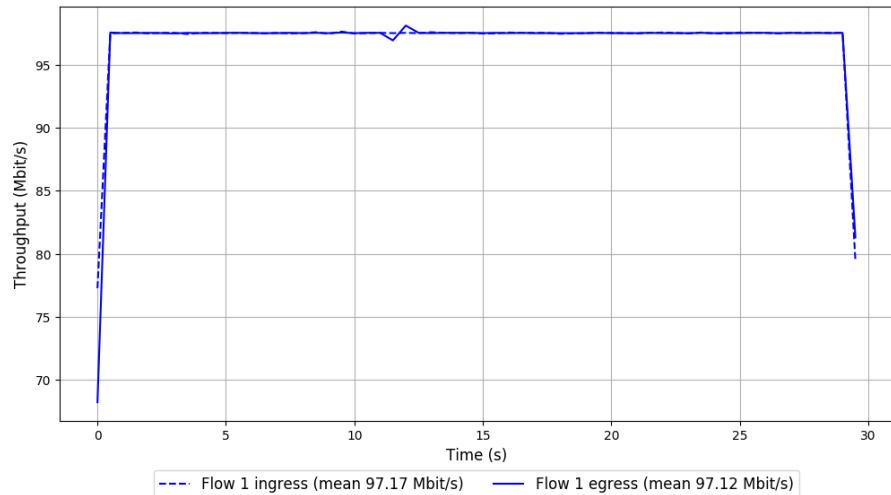
Figure is missing

Run 8: Statistics of TCP Cubic

```
Start at: Tue, 25 Jul 2017 01:05:37 +0000
End at: Tue, 25 Jul 2017 01:06:07 +0000
Local clock offset: 3.273 ms
Remote clock offset: -22.206 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 46.433 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 46.433 ms
Loss rate: 0.12%
```

Run 8: Report of TCP Cubic — Data Link

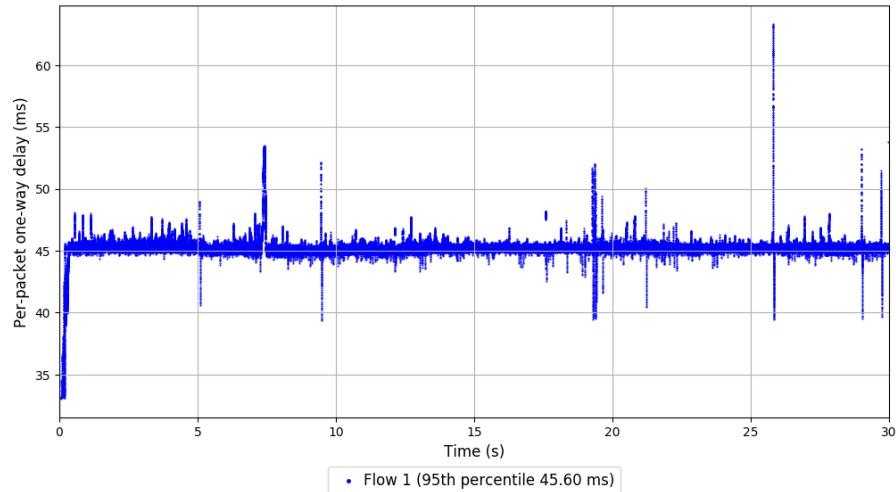
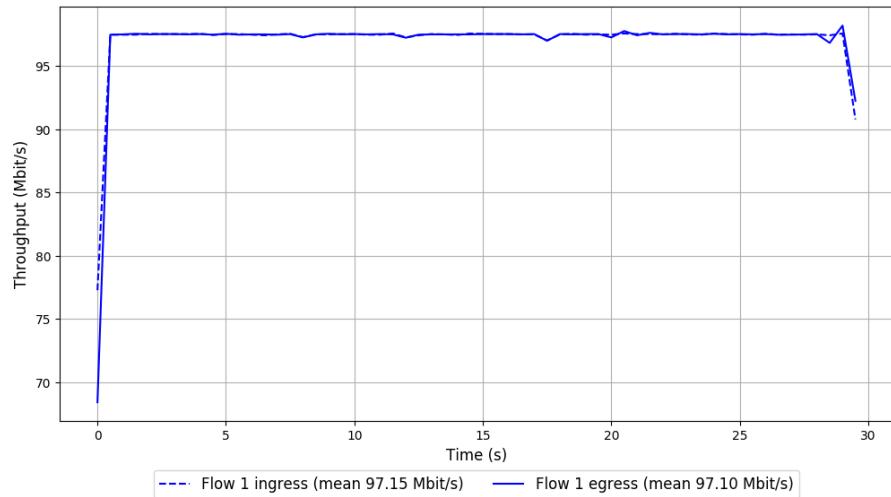


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 25 Jul 2017 01:23:41 +0000
End at: Tue, 25 Jul 2017 01:24:11 +0000
Local clock offset: 2.985 ms
Remote clock offset: -22.039 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 45.597 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 45.597 ms
Loss rate: 0.13%
```

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



Run 10: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:41:50 +0000  
End at: Tue, 25 Jul 2017 01:42:20 +0000  
Local clock offset: -0.137 ms  
Remote clock offset: -22.476 ms

Run 10: Report of TCP Cubic — Data Link

Figure is missing

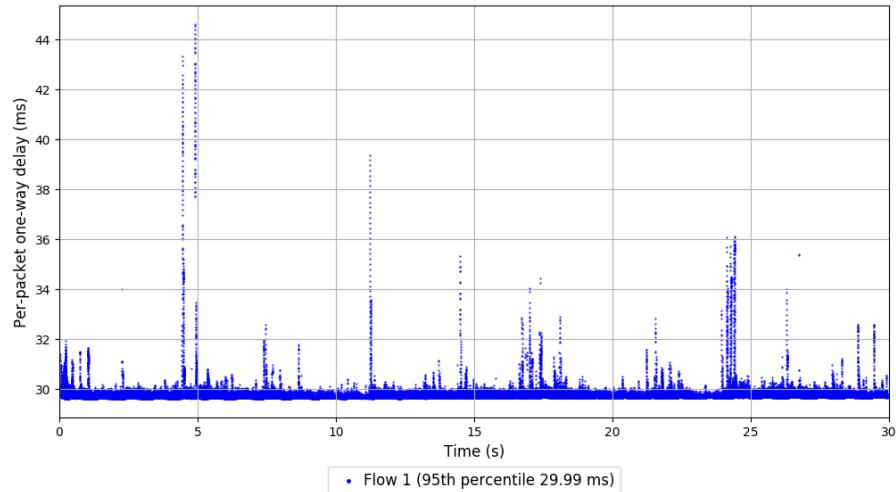
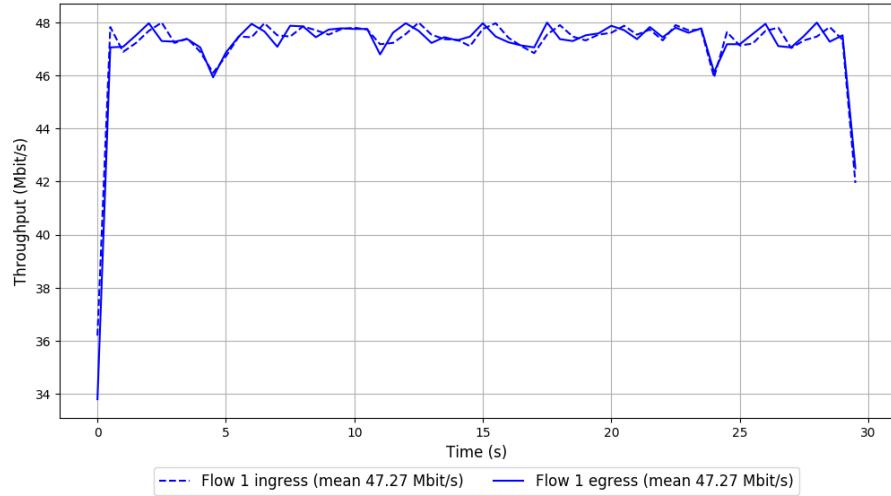
Figure is missing

Run 1: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 23:06:36 +0000
End at: Mon, 24 Jul 2017 23:07:06 +0000
Local clock offset: -2.03 ms
Remote clock offset: -22.603 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 29.989 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 29.989 ms
Loss rate: 0.08%
```

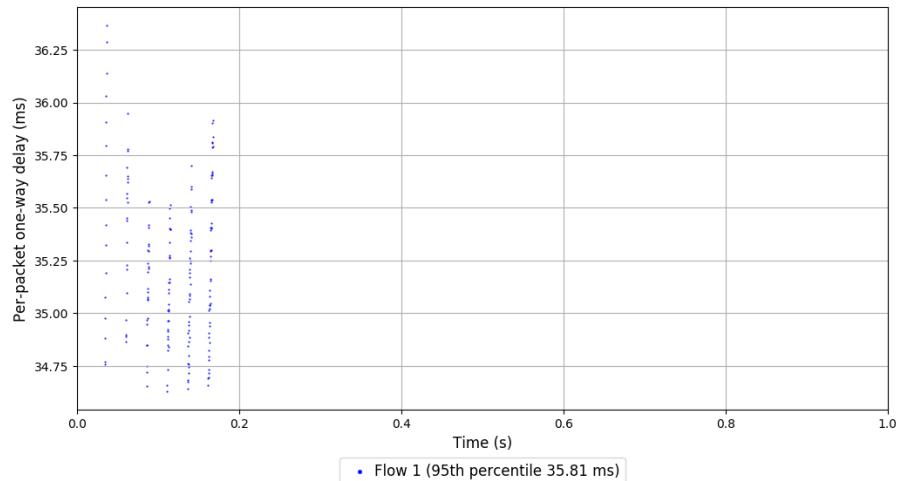
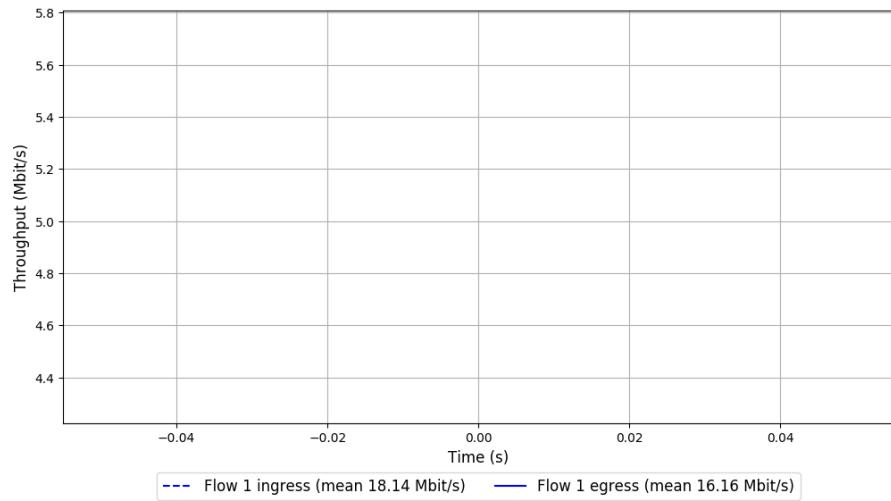
## Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:24:27 +0000  
End at: Mon, 24 Jul 2017 23:24:57 +0000  
Local clock offset: 3.958 ms  
Remote clock offset: -21.19 ms

## Run 2: Report of KohoCC — Data Link

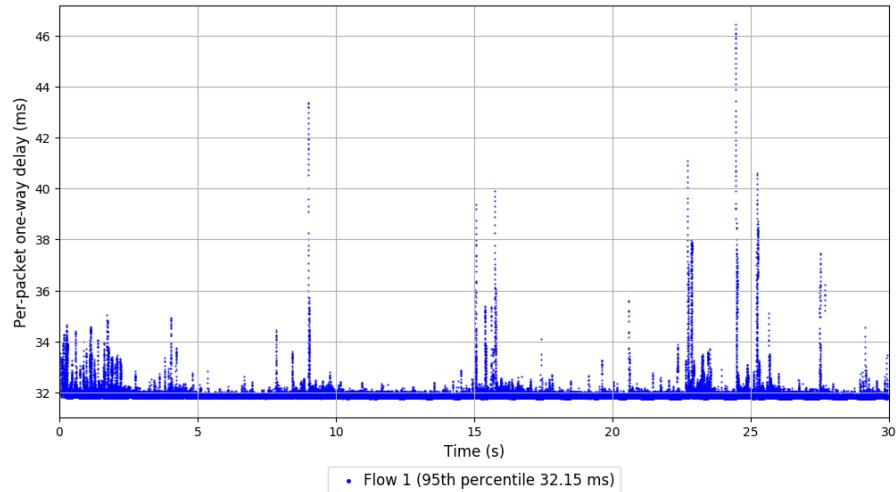
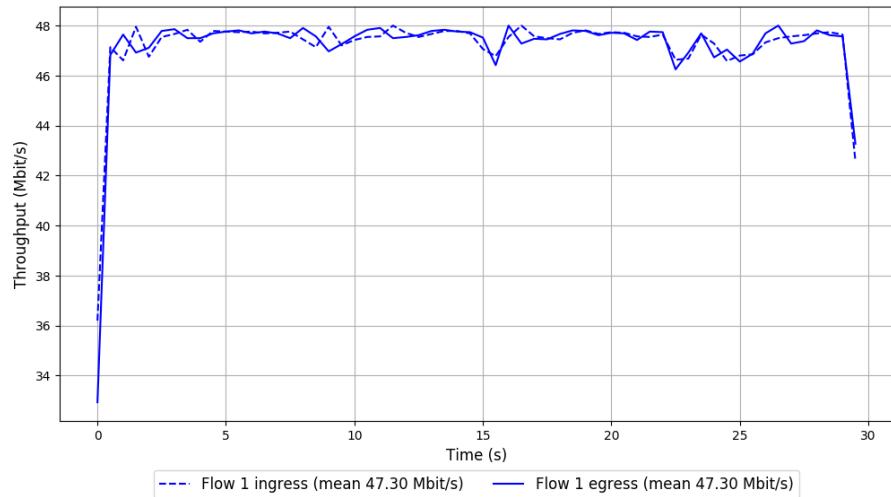


Run 3: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 23:42:11 +0000
End at: Mon, 24 Jul 2017 23:42:41 +0000
Local clock offset: 2.387 ms
Remote clock offset: -20.544 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.30 Mbit/s
95th percentile per-packet one-way delay: 32.147 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.30 Mbit/s
95th percentile per-packet one-way delay: 32.147 ms
Loss rate: 0.08%
```

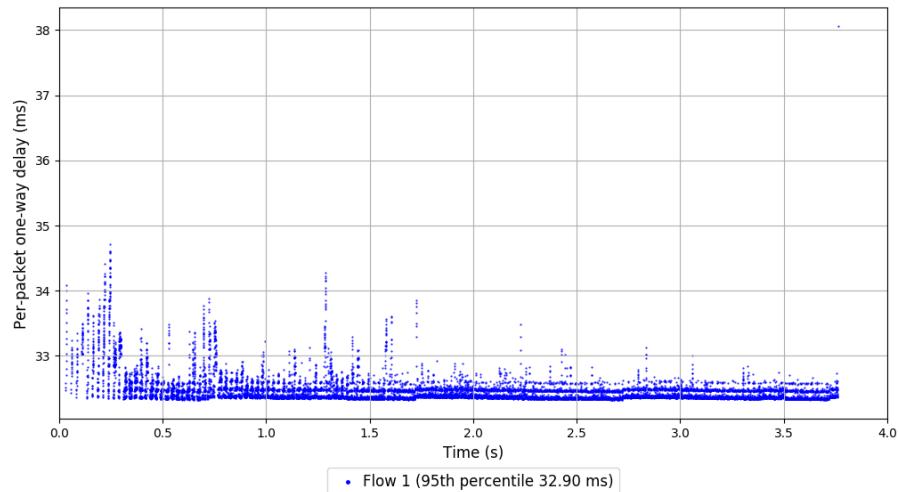
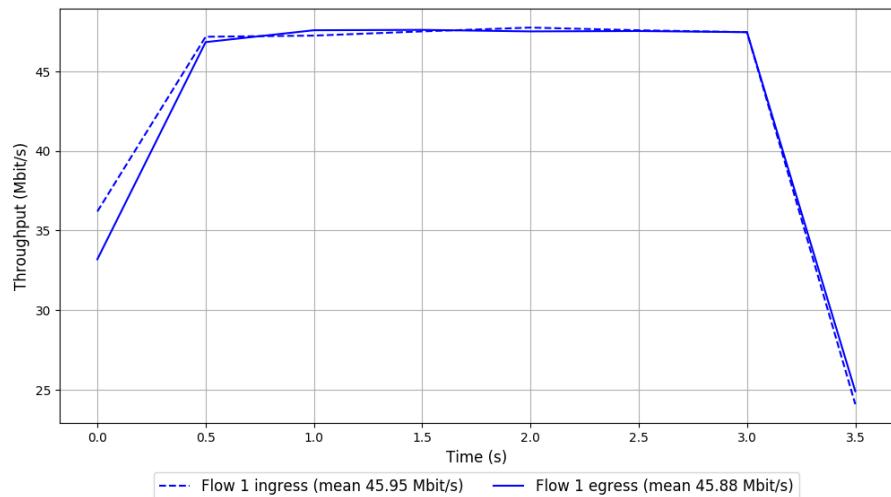
### Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:00:03 +0000  
End at: Tue, 25 Jul 2017 00:00:33 +0000  
Local clock offset: 2.498 ms  
Remote clock offset: -19.792 ms

## Run 4: Report of KohoCC — Data Link

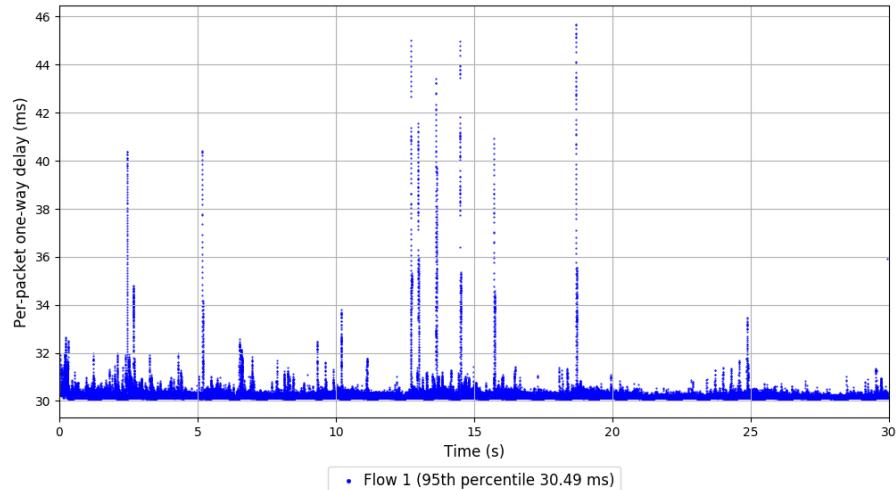
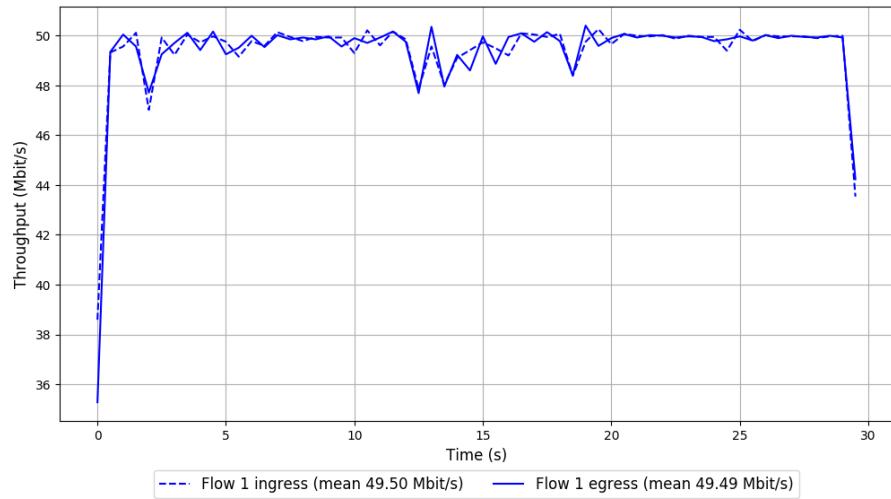


Run 5: Statistics of KohoCC

```
Start at: Tue, 25 Jul 2017 00:18:04 +0000
End at: Tue, 25 Jul 2017 00:18:34 +0000
Local clock offset: 2.114 ms
Remote clock offset: -18.759 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.49 Mbit/s
95th percentile per-packet one-way delay: 30.486 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 49.49 Mbit/s
95th percentile per-packet one-way delay: 30.486 ms
Loss rate: 0.08%
```

Run 5: Report of KohoCC — Data Link

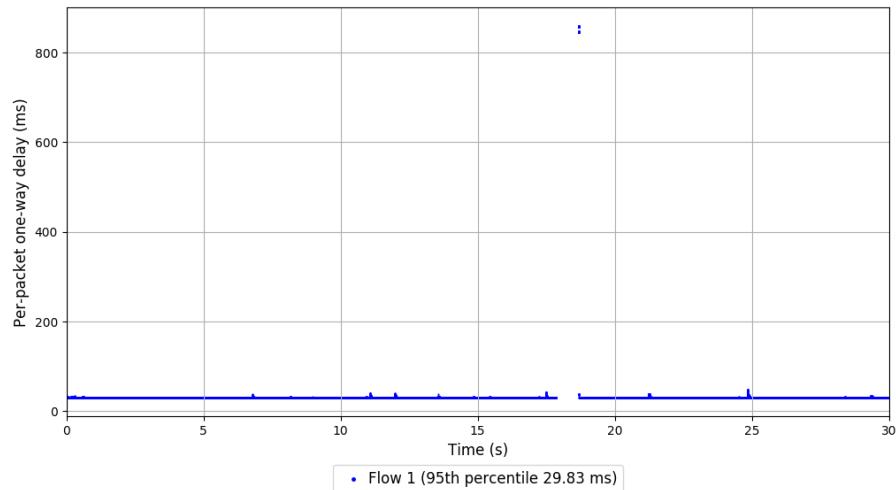
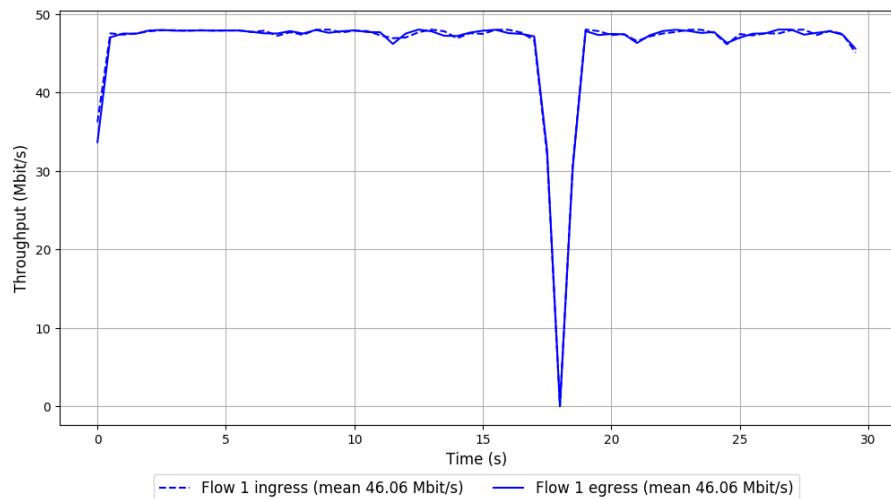


Run 6: Statistics of KohoCC

```
Start at: Tue, 25 Jul 2017 00:35:53 +0000
End at: Tue, 25 Jul 2017 00:36:23 +0000
Local clock offset: -0.581 ms
Remote clock offset: -20.259 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:42:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 29.832 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 29.832 ms
Loss rate: 0.09%
```

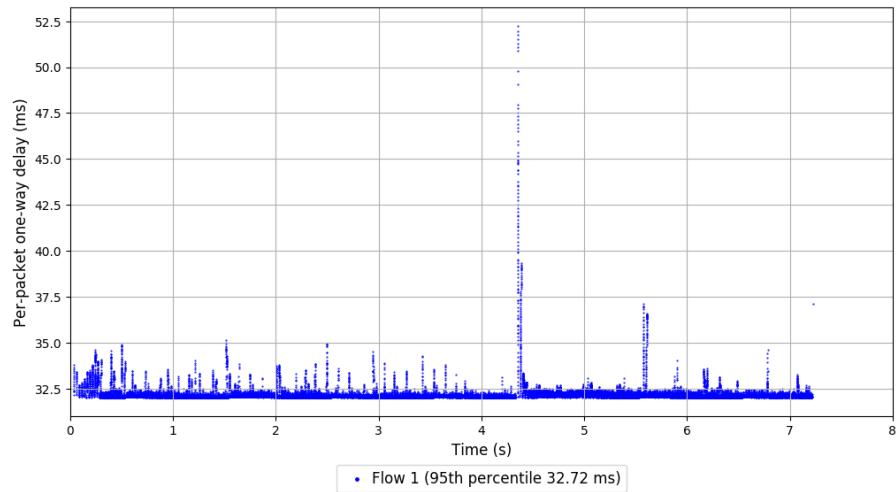
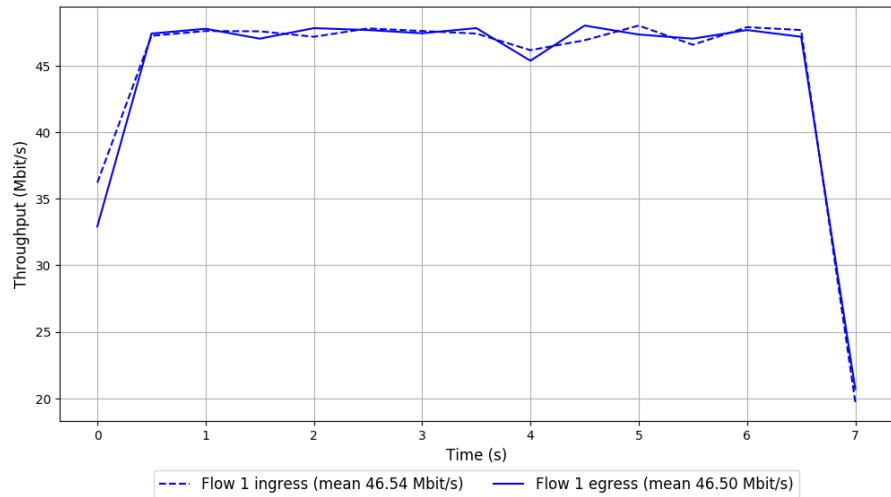
## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:53:52 +0000  
End at: Tue, 25 Jul 2017 00:54:22 +0000  
Local clock offset: 2.14 ms  
Remote clock offset: -20.776 ms

## Run 7: Report of KohoCC — Data Link

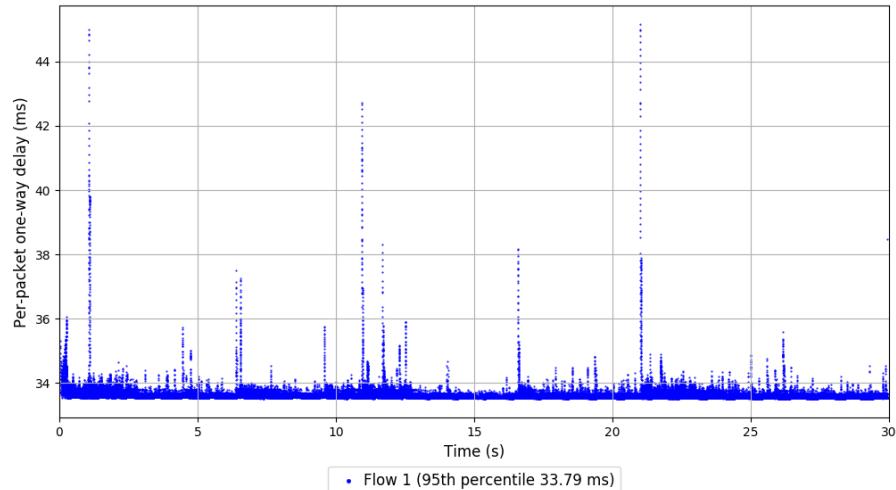
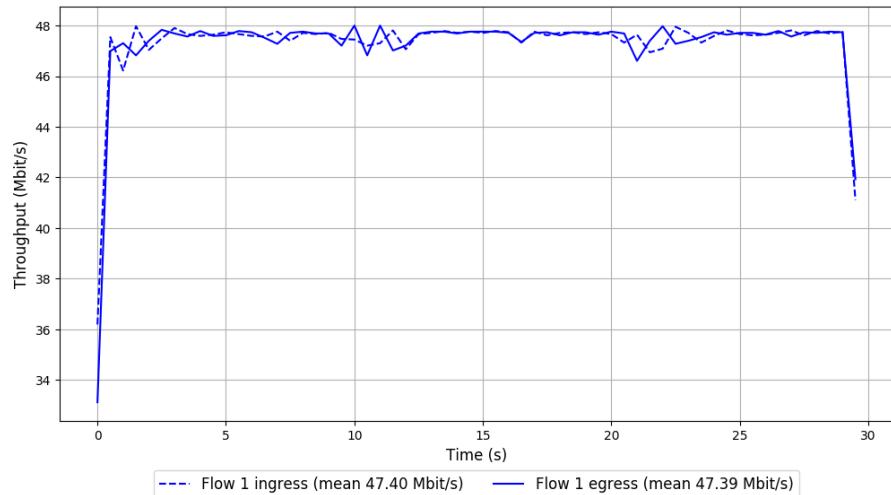


Run 8: Statistics of KohoCC

```
Start at: Tue, 25 Jul 2017 01:11:59 +0000
End at: Tue, 25 Jul 2017 01:12:29 +0000
Local clock offset: 4.754 ms
Remote clock offset: -20.399 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 33.790 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 33.790 ms
Loss rate: 0.08%
```

## Run 8: Report of KohoCC — Data Link

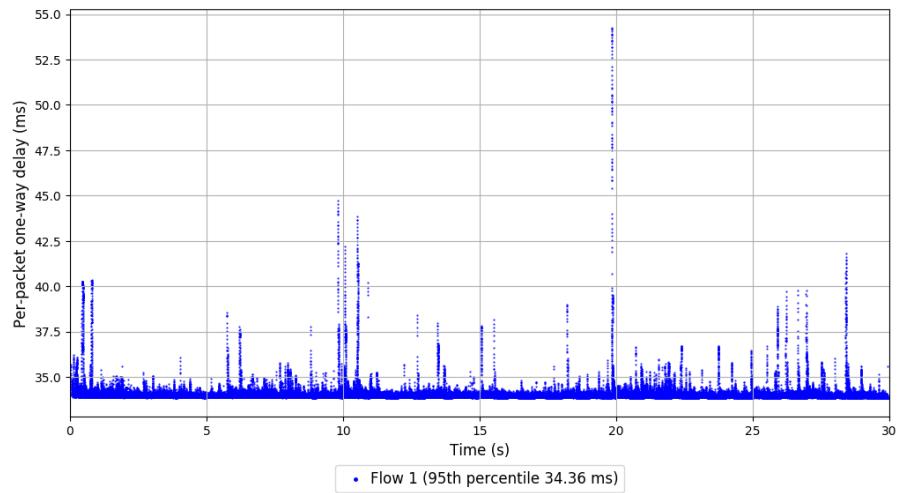
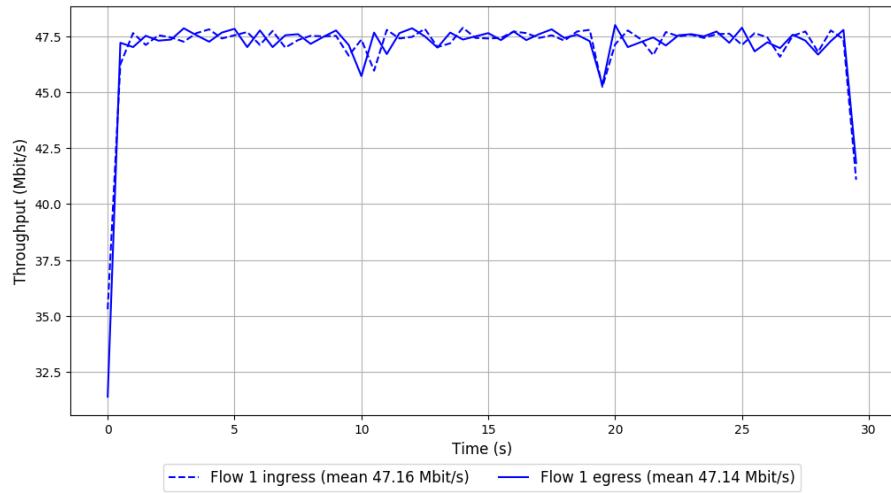


Run 9: Statistics of KohoCC

```
Start at: Tue, 25 Jul 2017 01:30:00 +0000
End at: Tue, 25 Jul 2017 01:30:30 +0000
Local clock offset: 3.742 ms
Remote clock offset: -22.299 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 34.358 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 34.358 ms
Loss rate: 0.11%
```

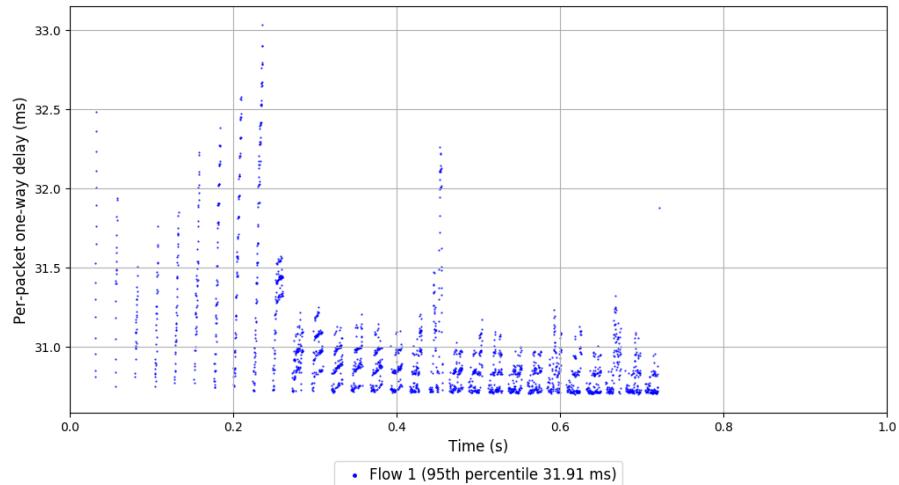
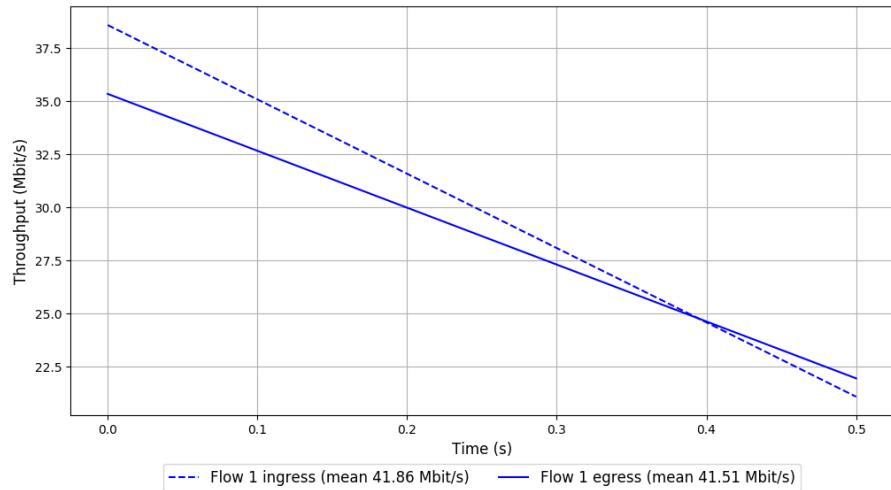
Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:47:53 +0000  
End at: Tue, 25 Jul 2017 01:48:23 +0000  
Local clock offset: 1.613 ms  
Remote clock offset: -22.658 ms

Run 10: Report of KohoCC — Data Link

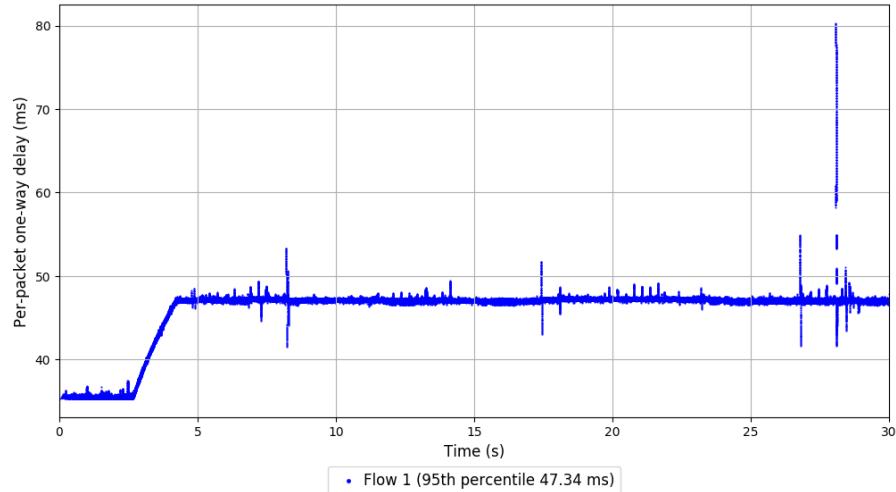
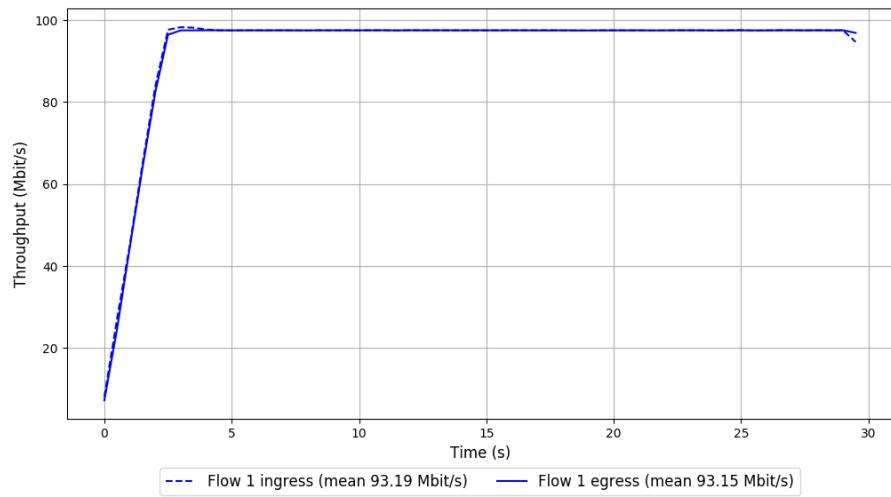


```
Run 1: Statistics of LEDBAT
```

```
Start at: Mon, 24 Jul 2017 23:12:21 +0000
End at: Mon, 24 Jul 2017 23:12:51 +0000
Local clock offset: 5.231 ms
Remote clock offset: -20.542 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.15 Mbit/s
95th percentile per-packet one-way delay: 47.344 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.15 Mbit/s
95th percentile per-packet one-way delay: 47.344 ms
Loss rate: 0.12%
```

Run 1: Report of LEDBAT — Data Link

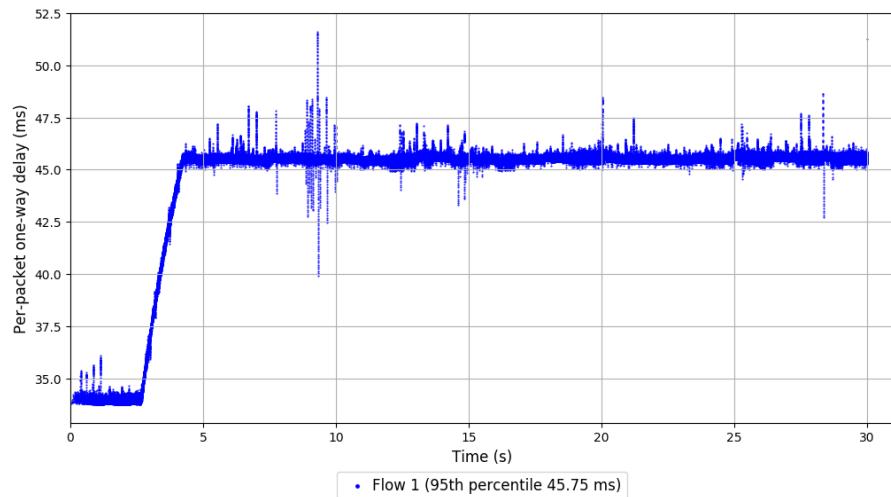
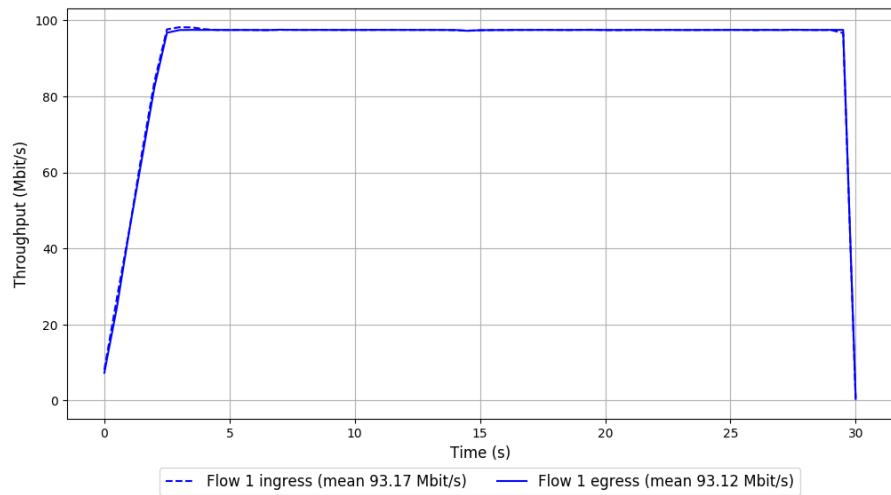


Run 2: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 23:30:15 +0000
End at: Mon, 24 Jul 2017 23:30:45 +0000
Local clock offset: 2.877 ms
Remote clock offset: -21.583 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 45.753 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 45.753 ms
Loss rate: 0.13%
```

Run 2: Report of LEDBAT — Data Link

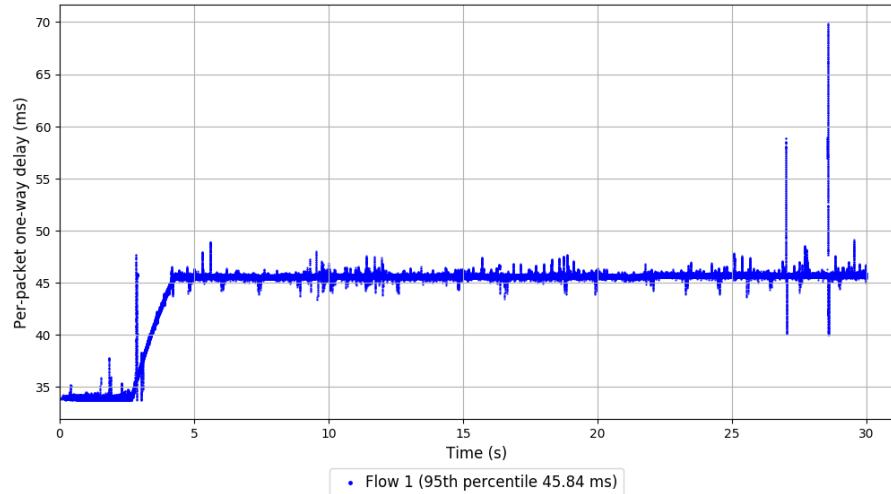
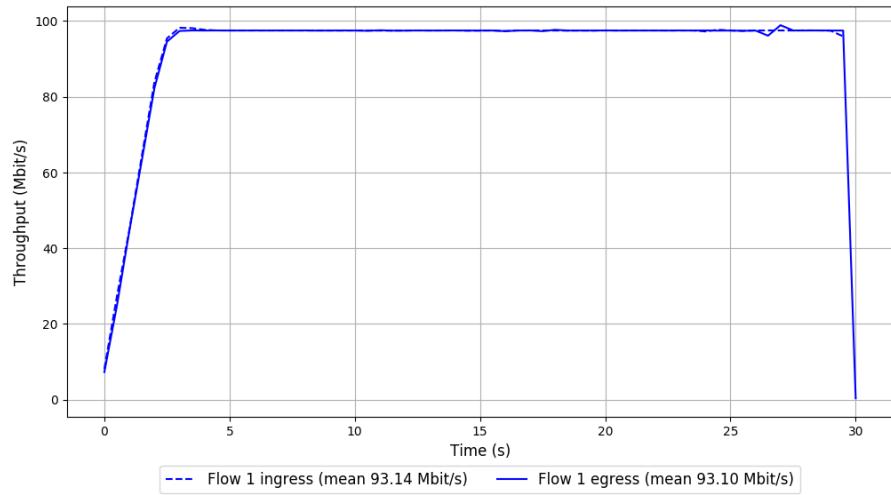


Run 3: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 23:48:03 +0000
End at: Mon, 24 Jul 2017 23:48:33 +0000
Local clock offset: 2.73 ms
Remote clock offset: -21.975 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 45.839 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 45.839 ms
Loss rate: 0.13%
```

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

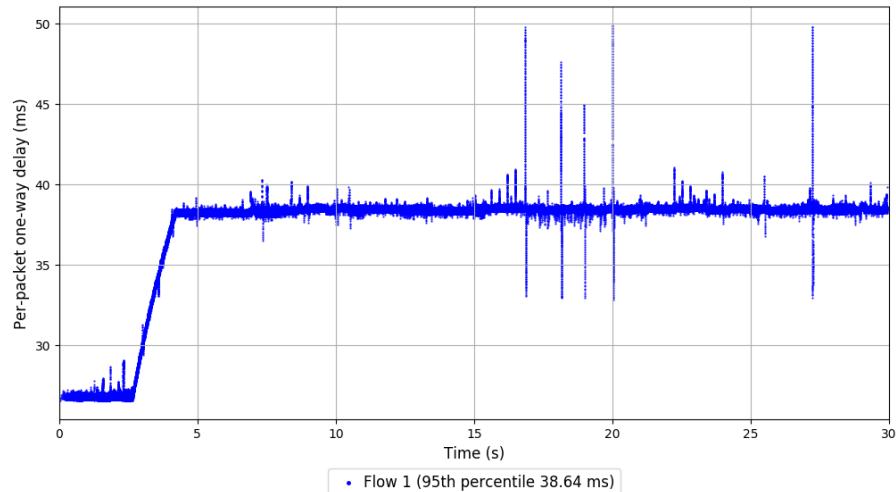
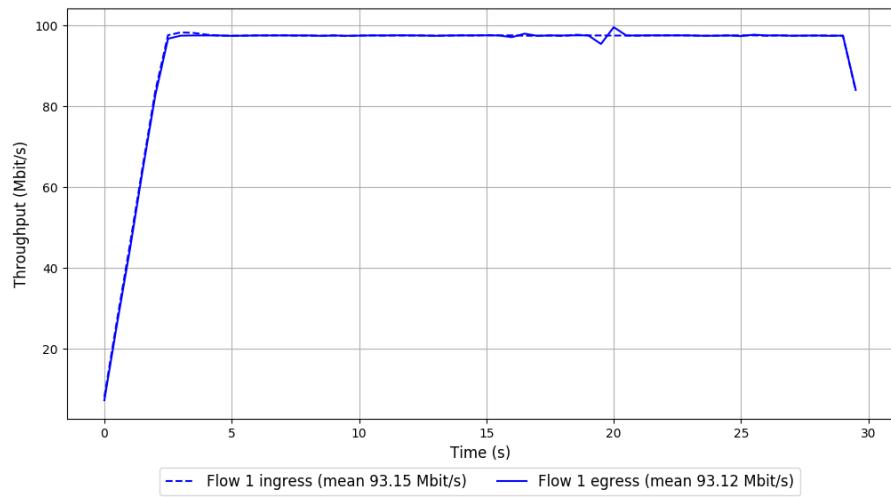


Run 4: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 00:06:03 +0000
End at: Tue, 25 Jul 2017 00:06:33 +0000
Local clock offset: -0.905 ms
Remote clock offset: -17.144 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 38.640 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 38.640 ms
Loss rate: 0.13%
```

Run 4: Report of LEDBAT — Data Link

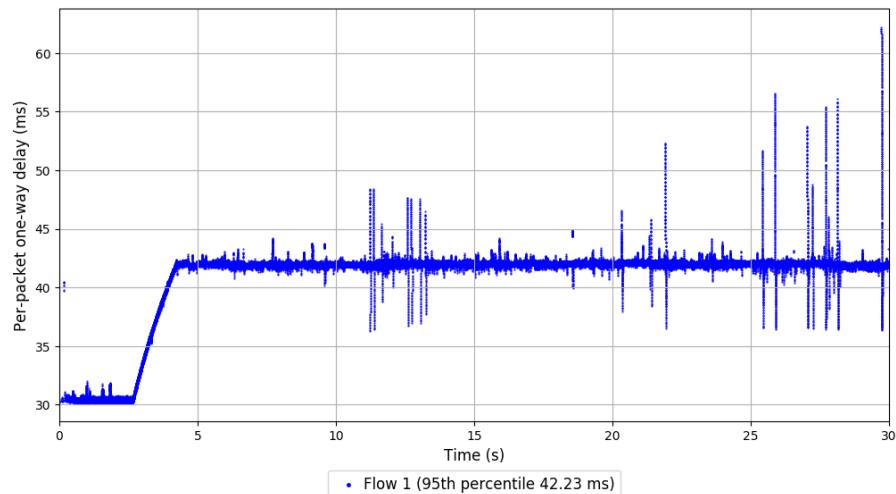
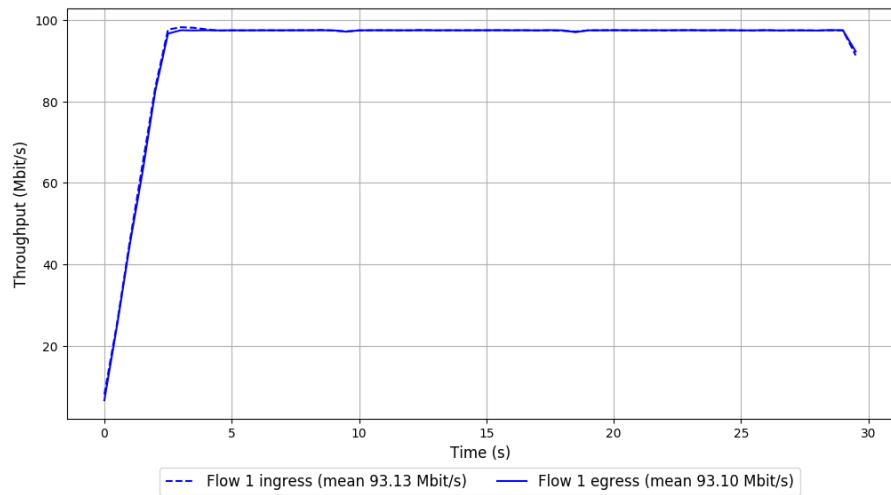


Run 5: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 00:23:49 +0000
End at: Tue, 25 Jul 2017 00:24:19 +0000
Local clock offset: 1.594 ms
Remote clock offset: -18.33 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 42.228 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 42.228 ms
Loss rate: 0.13%
```

Run 5: Report of LEDBAT — Data Link

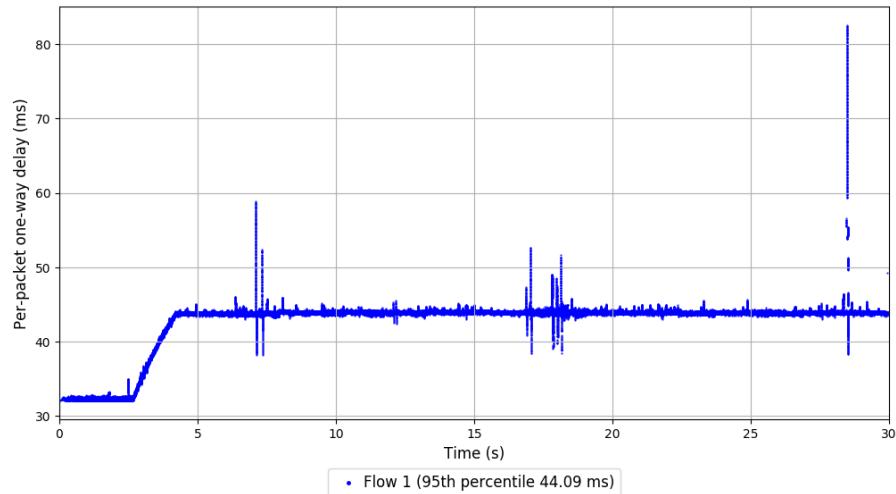
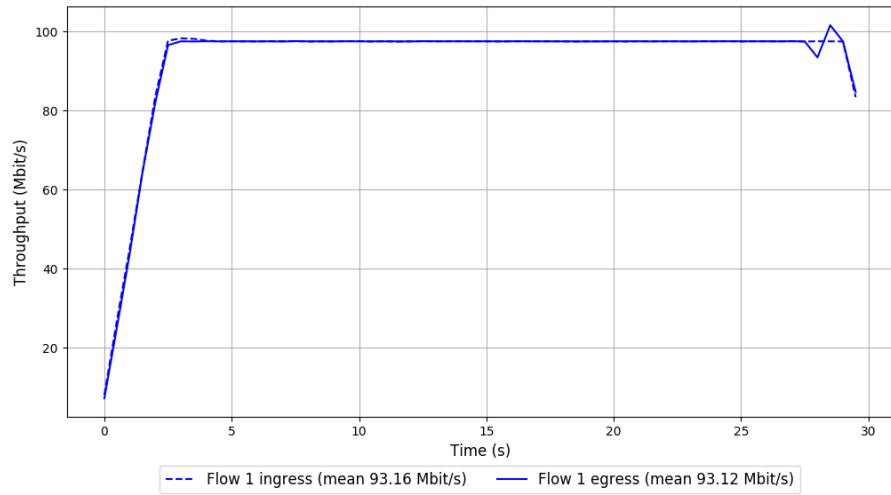


Run 6: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 00:41:43 +0000
End at: Tue, 25 Jul 2017 00:42:13 +0000
Local clock offset: 1.426 ms
Remote clock offset: -21.002 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 44.089 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 44.089 ms
Loss rate: 0.13%
```

Run 6: Report of LEDBAT — Data Link

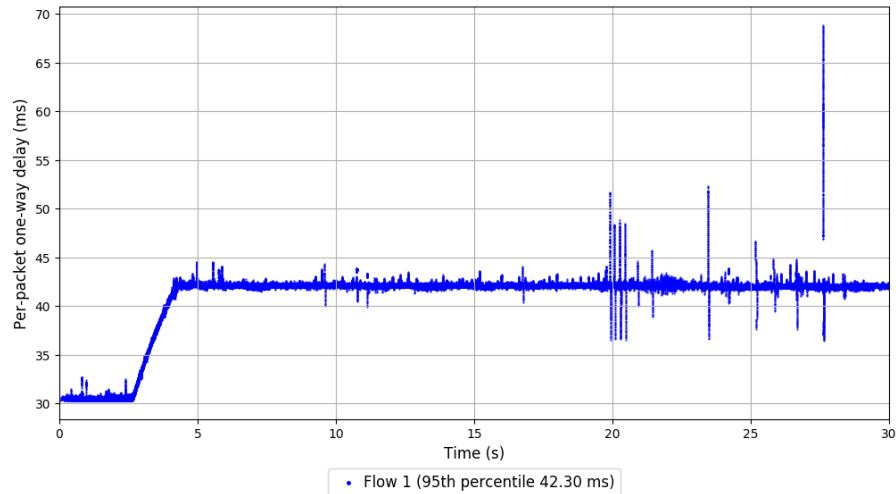
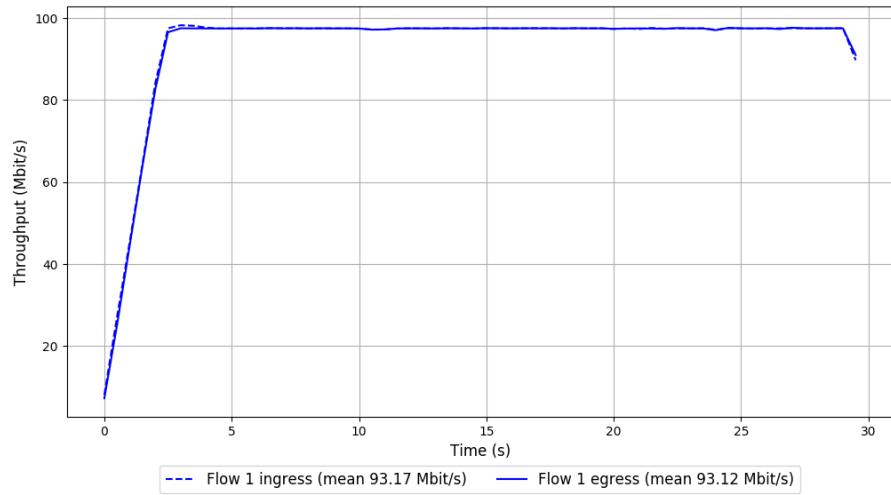


Run 7: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 00:59:40 +0000
End at: Tue, 25 Jul 2017 01:00:10 +0000
Local clock offset: -0.779 ms
Remote clock offset: -22.086 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 42.299 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 42.299 ms
Loss rate: 0.13%
```

Run 7: Report of LEDBAT — Data Link

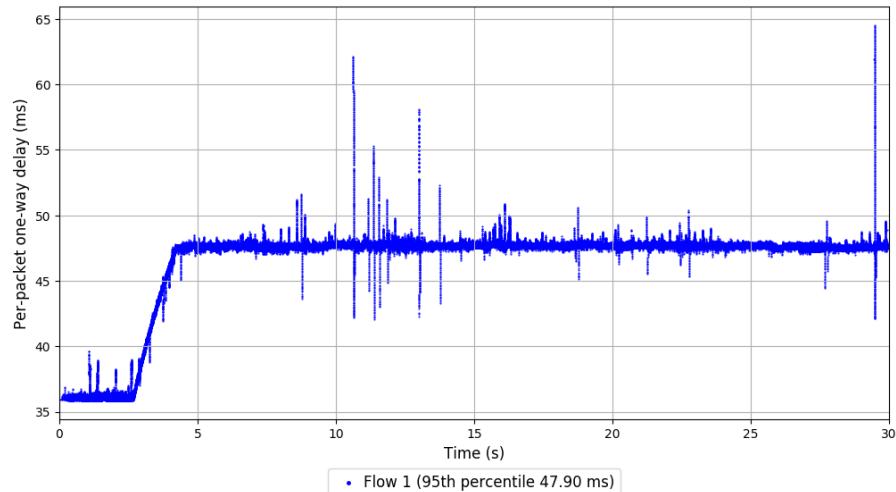
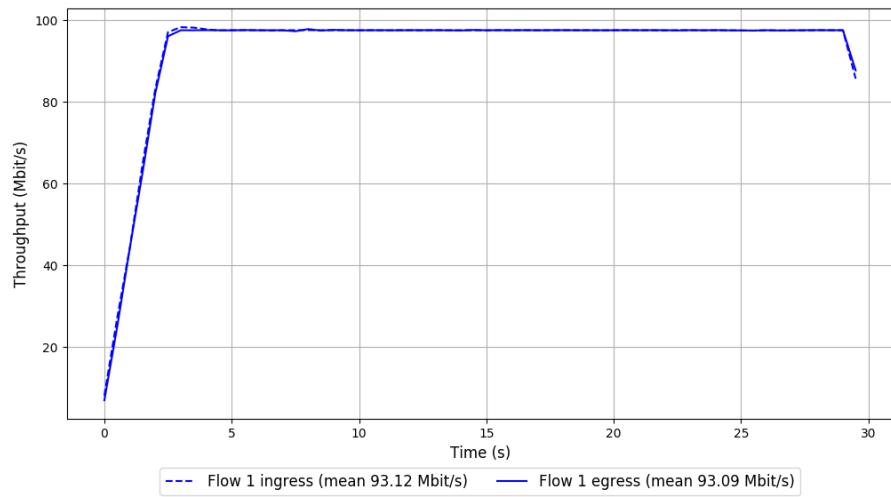


Run 8: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 01:17:49 +0000
End at: Tue, 25 Jul 2017 01:18:19 +0000
Local clock offset: 5.129 ms
Remote clock offset: -22.58 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:43:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 47.896 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 47.896 ms
Loss rate: 0.13%
```

Run 8: Report of LEDBAT — Data Link

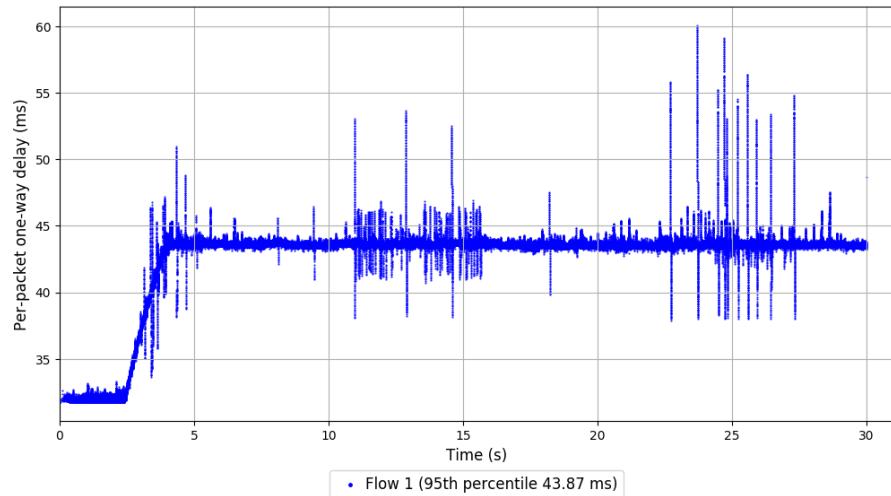
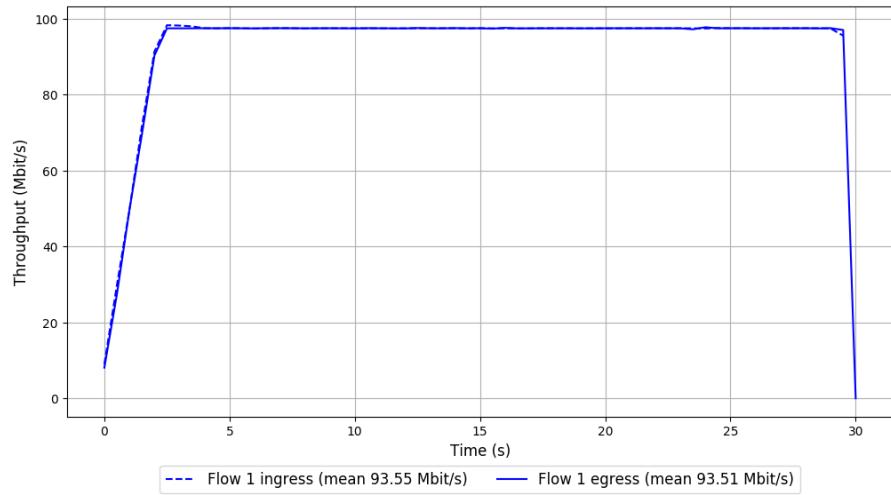


Run 9: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 01:35:57 +0000
End at: Tue, 25 Jul 2017 01:36:27 +0000
Local clock offset: 2.893 ms
Remote clock offset: -22.409 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 43.871 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 43.871 ms
Loss rate: 0.12%
```

Run 9: Report of LEDBAT — Data Link

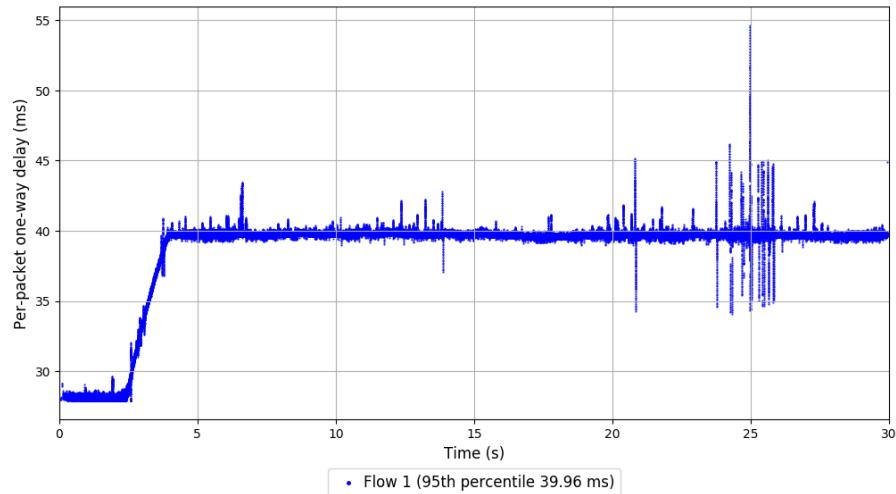
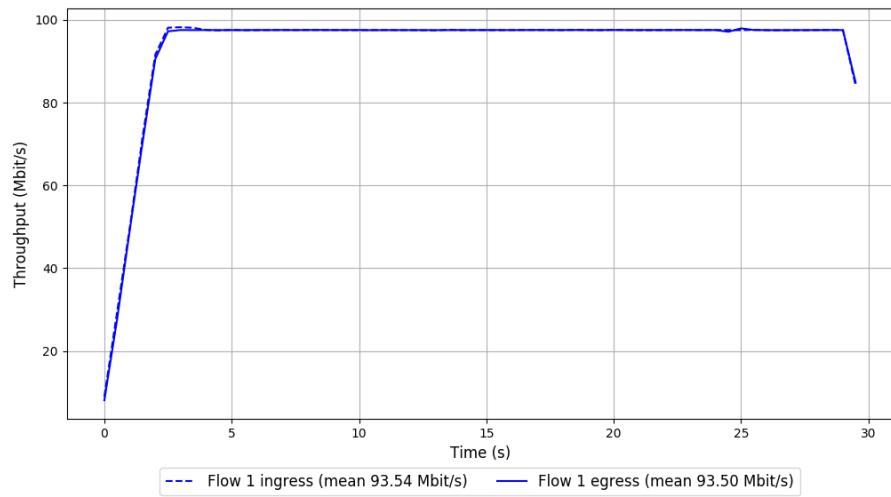


Run 10: Statistics of LEDBAT

```
Start at: Tue, 25 Jul 2017 01:53:36 +0000
End at: Tue, 25 Jul 2017 01:54:06 +0000
Local clock offset: -1.28 ms
Remote clock offset: -22.297 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 39.959 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 39.959 ms
Loss rate: 0.12%
```

## Run 10: Report of LEDBAT — Data Link

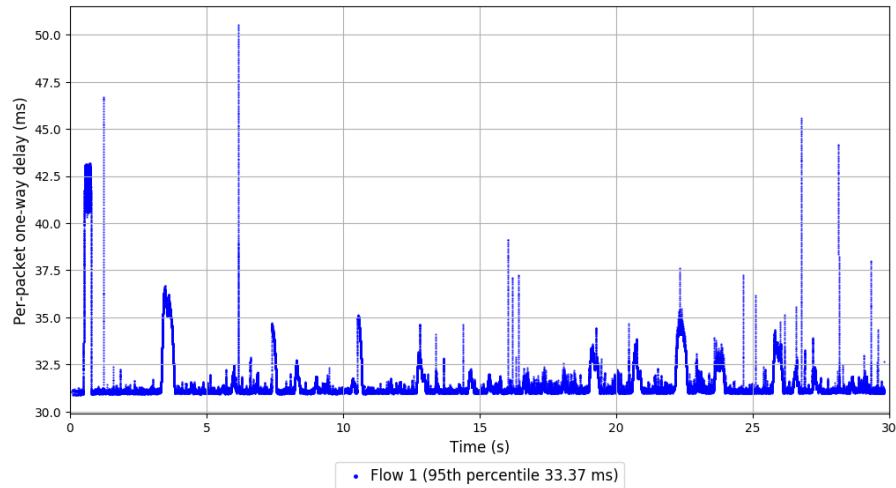
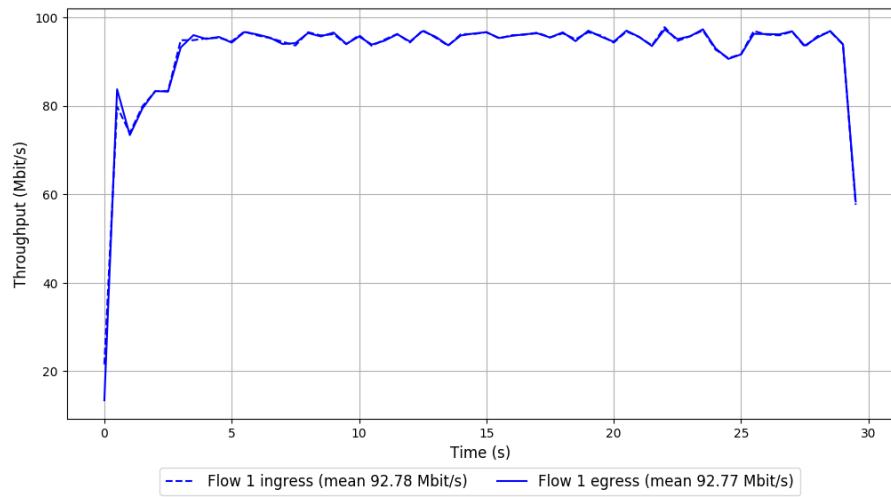


Run 1: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 23:14:43 +0000
End at: Mon, 24 Jul 2017 23:15:13 +0000
Local clock offset: -0.782 ms
Remote clock offset: -22.089 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 33.365 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 33.365 ms
Loss rate: 0.09%
```

### Run 1: Report of PCC — Data Link

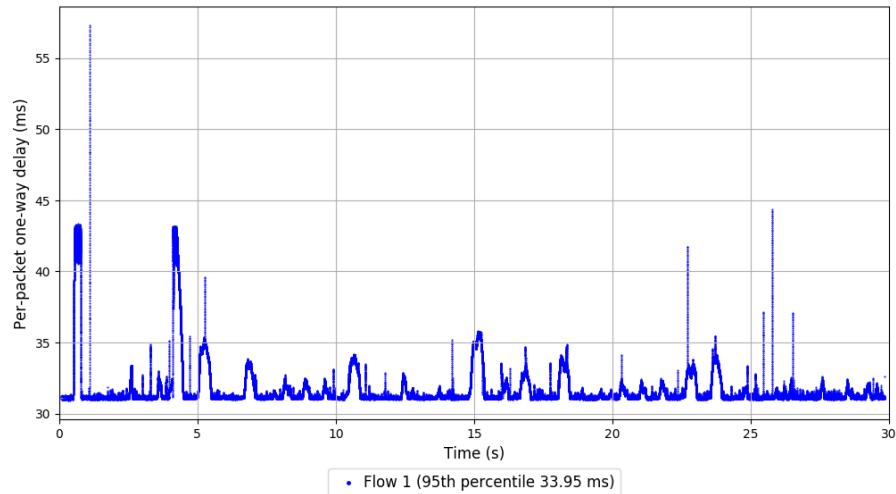
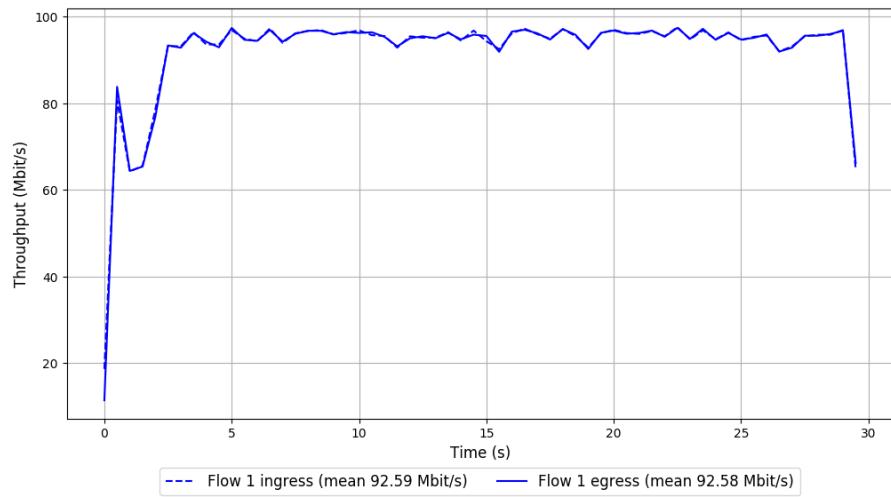


Run 2: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 23:32:34 +0000
End at: Mon, 24 Jul 2017 23:33:04 +0000
Local clock offset: 1.272 ms
Remote clock offset: -20.609 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 33.950 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 33.950 ms
Loss rate: 0.09%
```

## Run 2: Report of PCC — Data Link

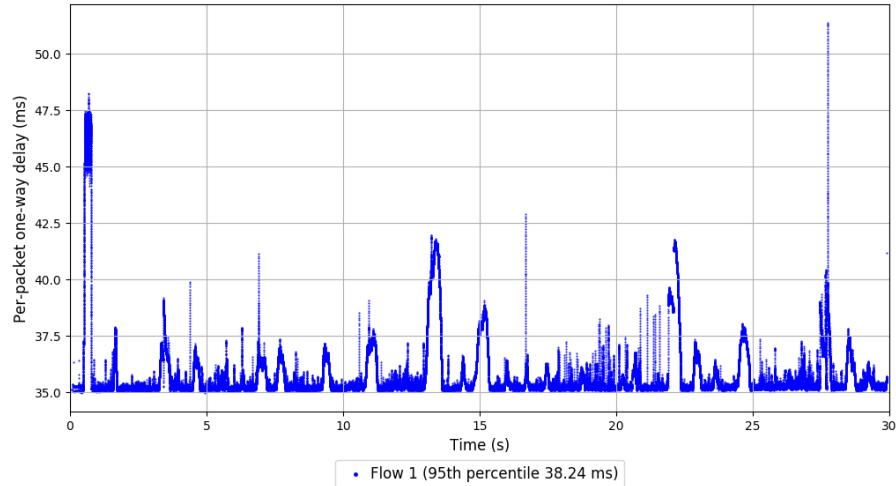
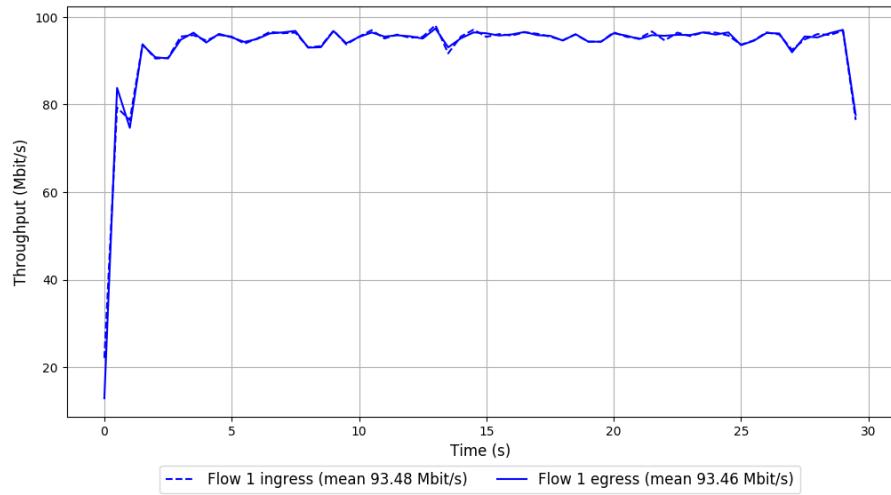


Run 3: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 23:50:23 +0000
End at: Mon, 24 Jul 2017 23:50:53 +0000
Local clock offset: 4.396 ms
Remote clock offset: -21.563 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 38.242 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 38.242 ms
Loss rate: 0.10%
```

### Run 3: Report of PCC — Data Link

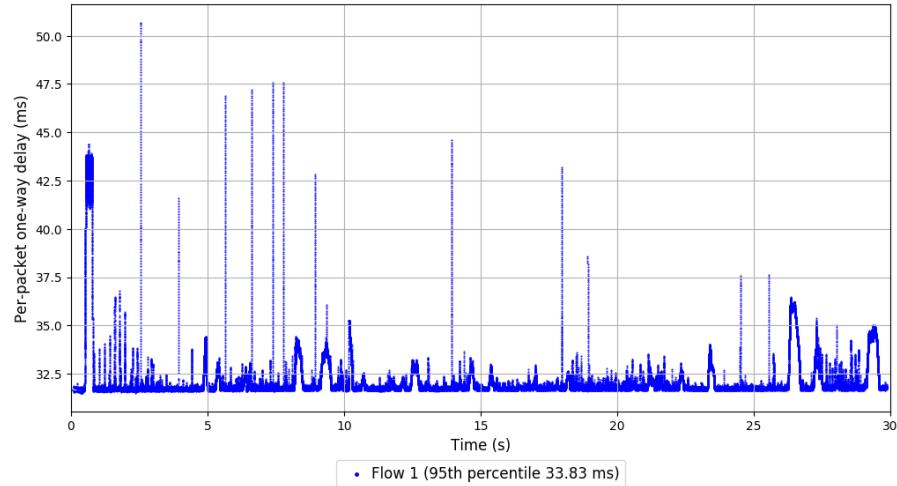
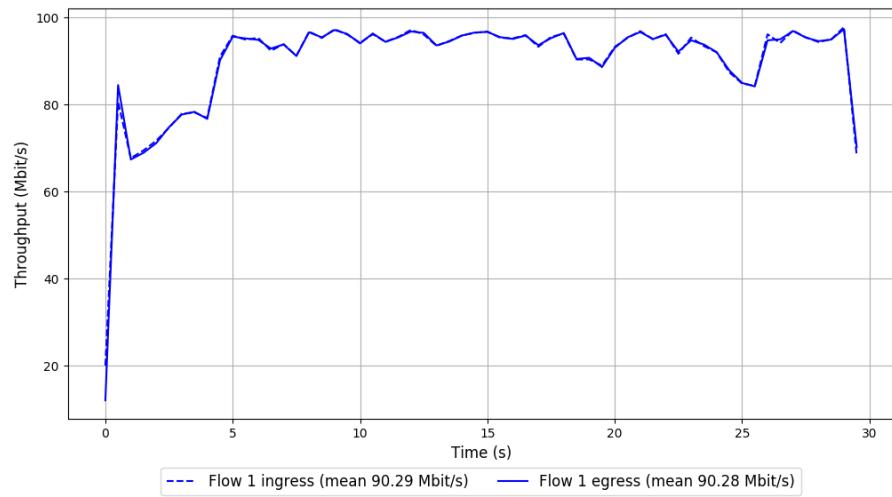


Run 4: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 00:08:22 +0000
End at: Tue, 25 Jul 2017 00:08:52 +0000
Local clock offset: 1.553 ms
Remote clock offset: -19.679 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 33.828 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 33.828 ms
Loss rate: 0.10%
```

#### Run 4: Report of PCC — Data Link

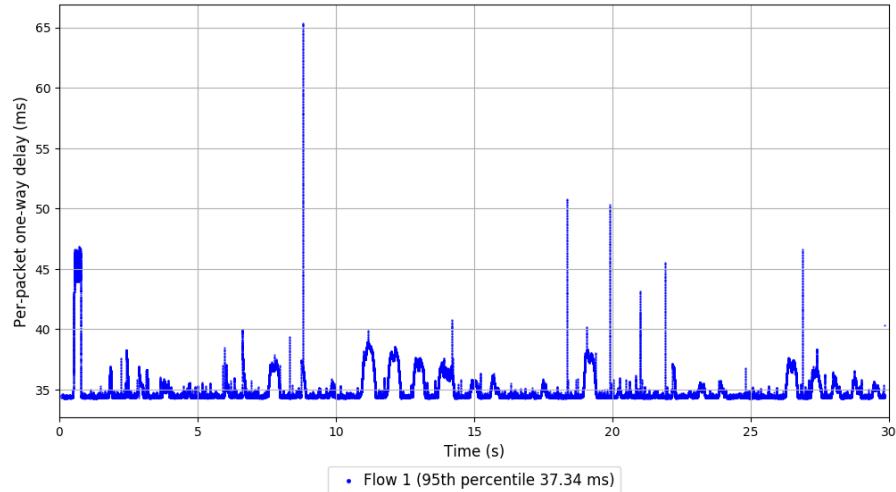
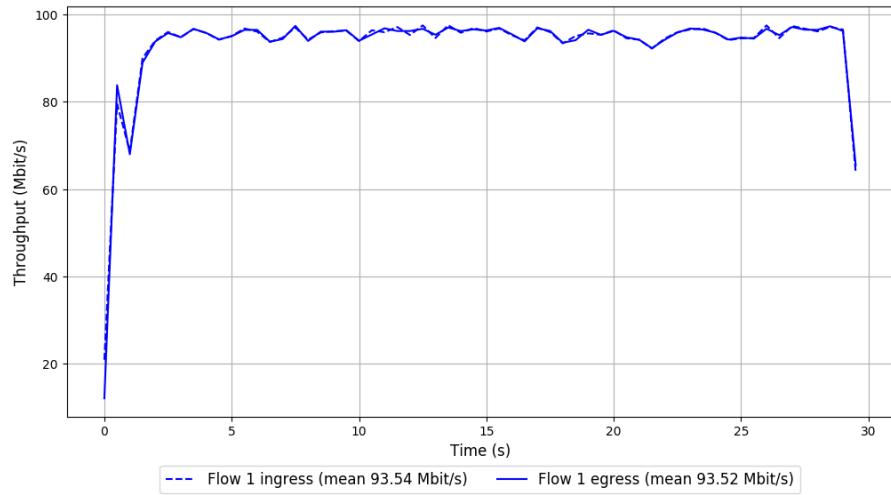


Run 5: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 00:26:10 +0000
End at: Tue, 25 Jul 2017 00:26:40 +0000
Local clock offset: 3.192 ms
Remote clock offset: -21.041 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 37.340 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 37.340 ms
Loss rate: 0.09%
```

### Run 5: Report of PCC — Data Link

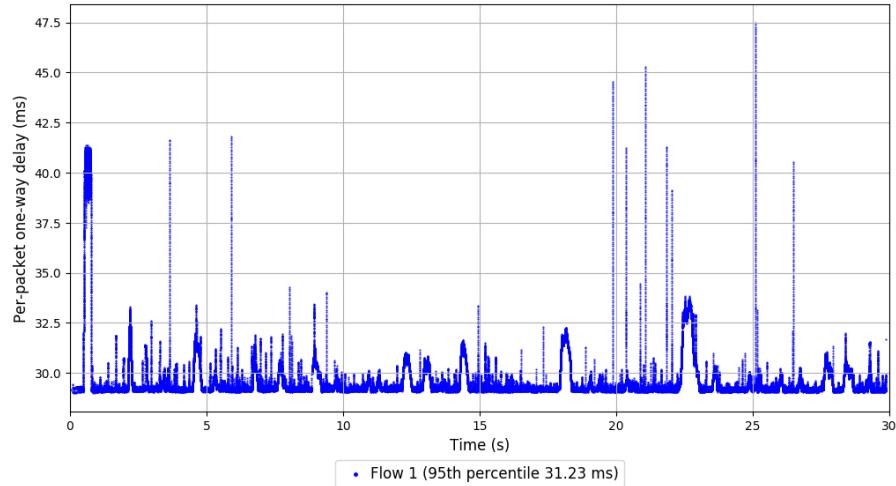
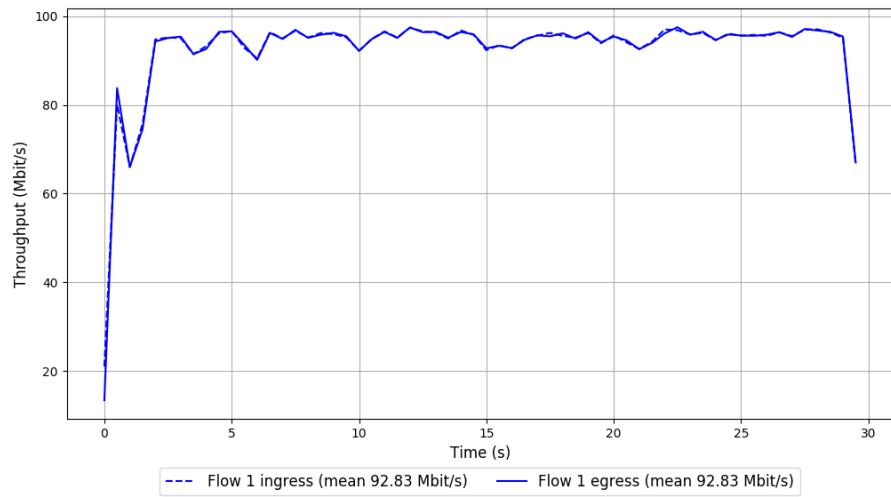


Run 6: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 00:44:04 +0000
End at: Tue, 25 Jul 2017 00:44:34 +0000
Local clock offset: -0.55 ms
Remote clock offset: -20.202 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 31.228 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 31.228 ms
Loss rate: 0.09%
```

Run 6: Report of PCC — Data Link

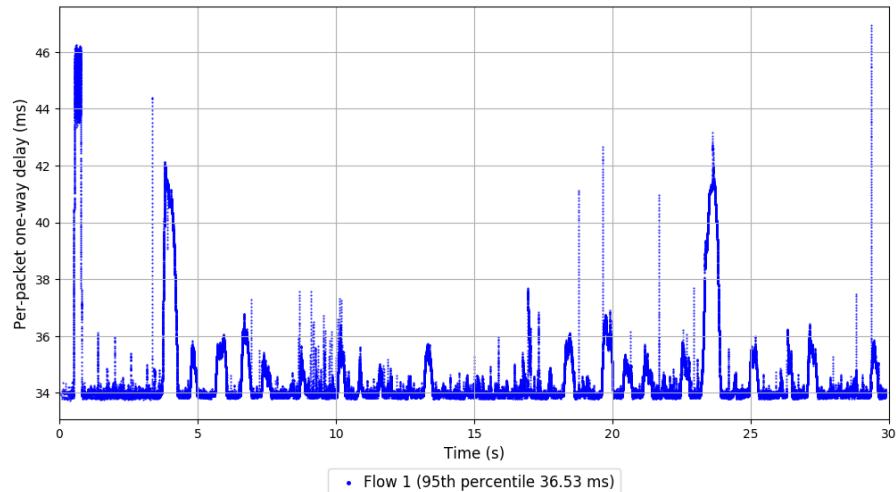
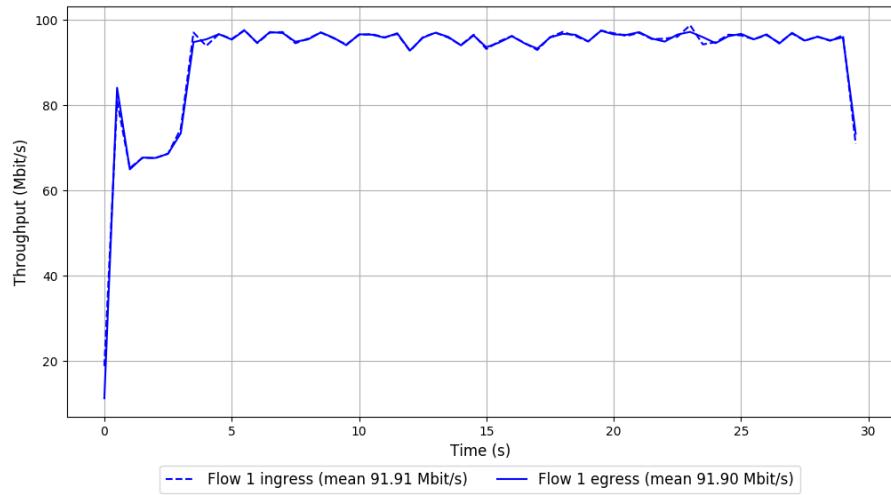


Run 7: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 01:02:01 +0000
End at: Tue, 25 Jul 2017 01:02:31 +0000
Local clock offset: 4.105 ms
Remote clock offset: -20.89 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:44:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 36.526 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 36.526 ms
Loss rate: 0.08%
```

### Run 7: Report of PCC — Data Link

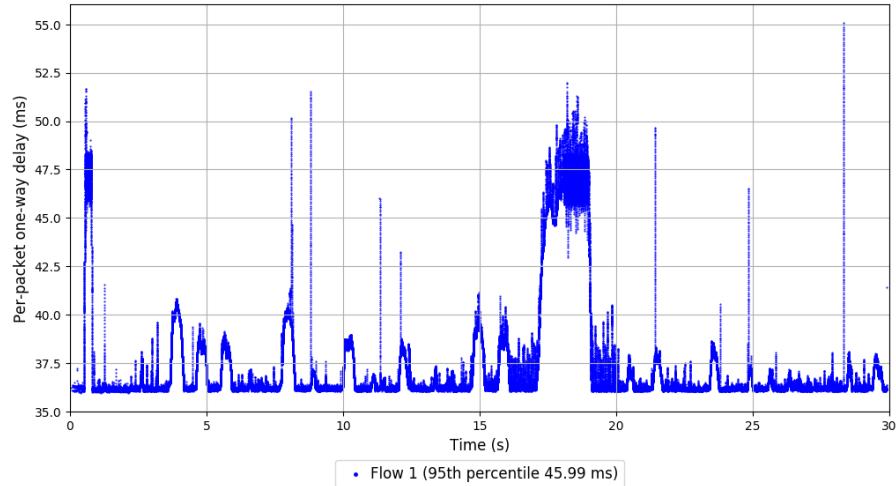
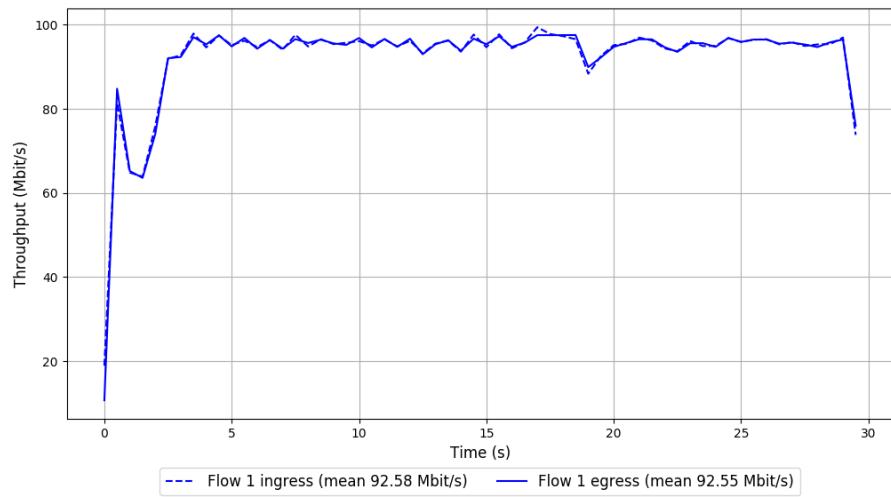


Run 8: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 01:20:08 +0000
End at: Tue, 25 Jul 2017 01:20:38 +0000
Local clock offset: 5.564 ms
Remote clock offset: -22.488 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 45.991 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 45.991 ms
Loss rate: 0.09%
```

Run 8: Report of PCC — Data Link

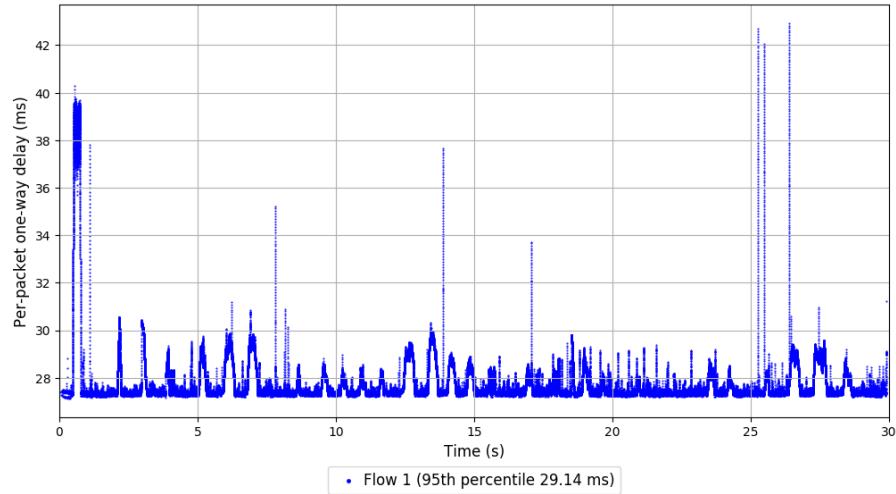
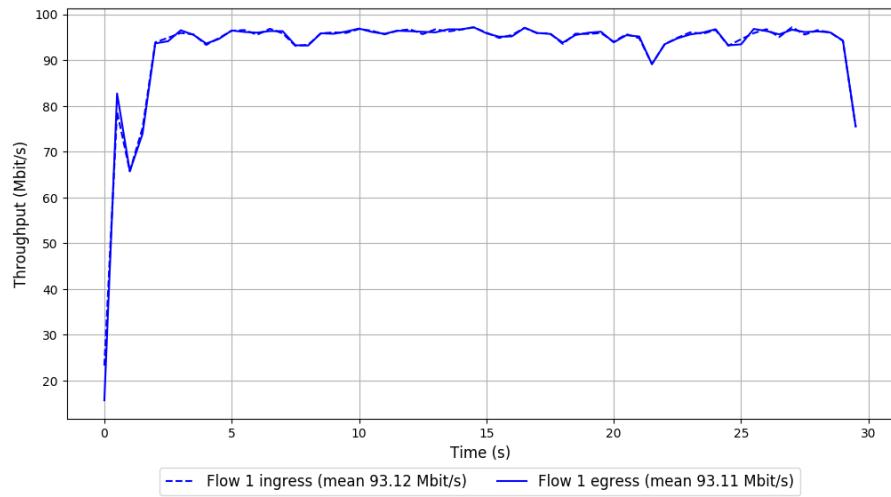


Run 9: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 01:38:19 +0000
End at: Tue, 25 Jul 2017 01:38:49 +0000
Local clock offset: -1.35 ms
Remote clock offset: -22.27 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 29.135 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 29.135 ms
Loss rate: 0.09%
```

### Run 9: Report of PCC — Data Link

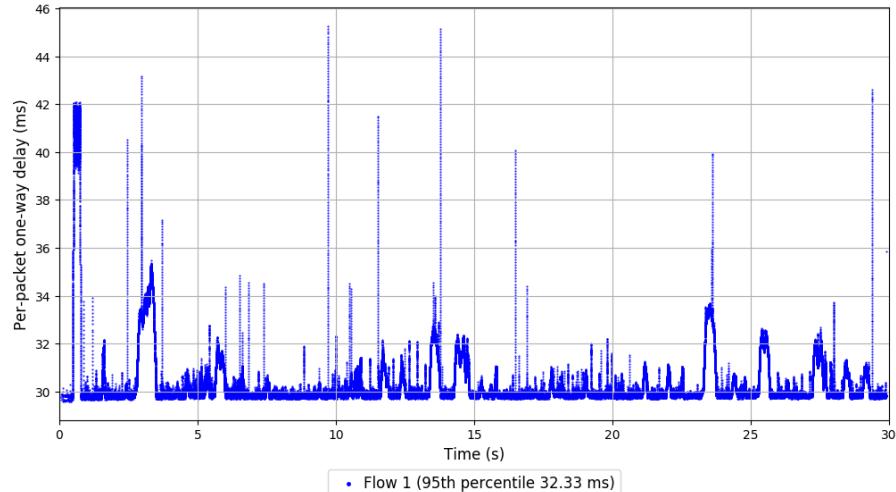
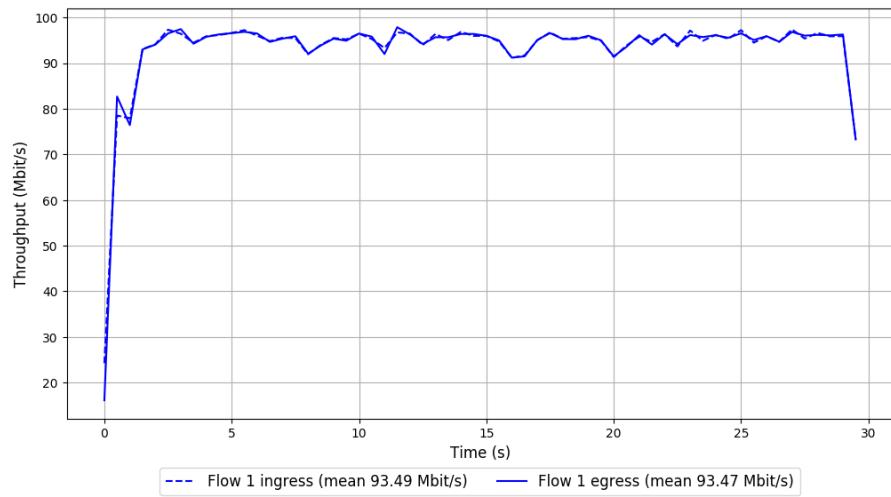


Run 10: Statistics of PCC

```
Start at: Tue, 25 Jul 2017 01:55:56 +0000
End at: Tue, 25 Jul 2017 01:56:26 +0000
Local clock offset: -0.614 ms
Remote clock offset: -23.277 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 32.328 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 32.328 ms
Loss rate: 0.10%
```

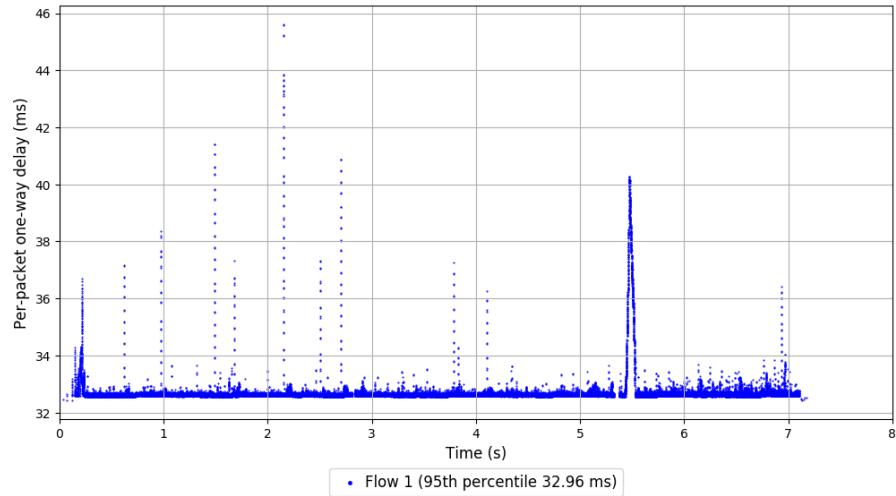
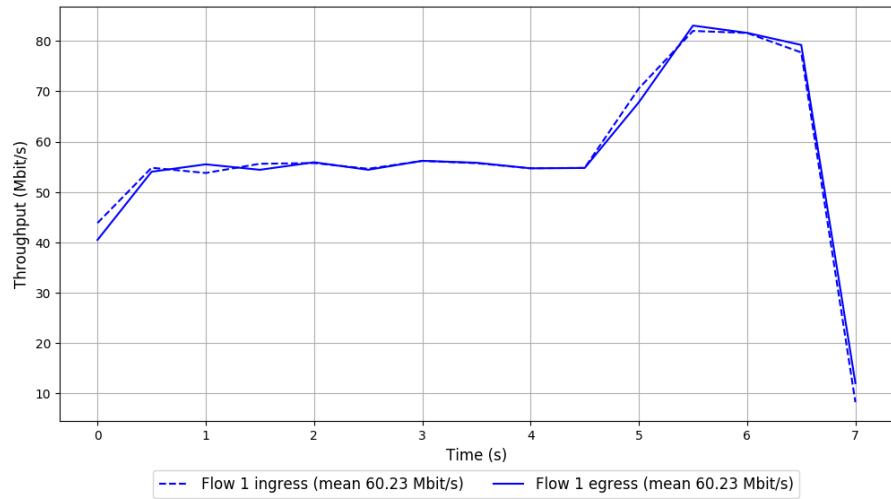
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:15:54 +0000  
End at: Mon, 24 Jul 2017 23:16:24 +0000  
Local clock offset: 1.137 ms  
Remote clock offset: -21.628 ms

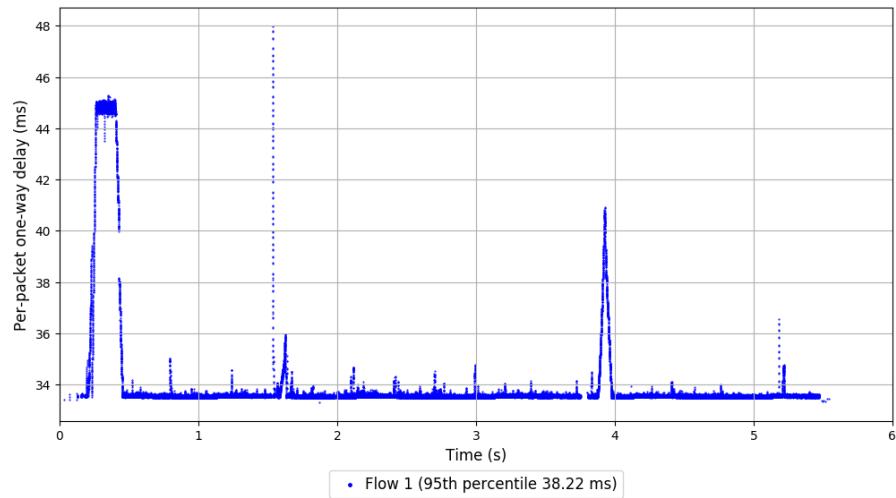
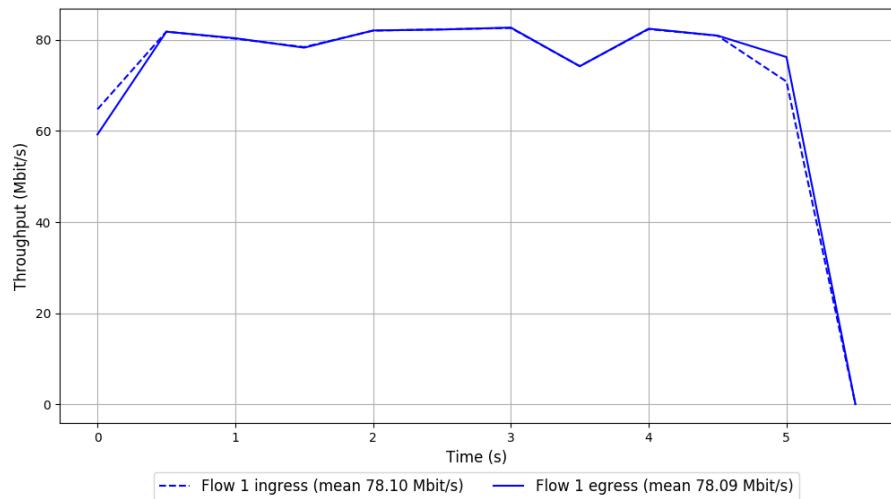
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:33:44 +0000  
End at: Mon, 24 Jul 2017 23:34:14 +0000  
Local clock offset: 2.245 ms  
Remote clock offset: -22.058 ms

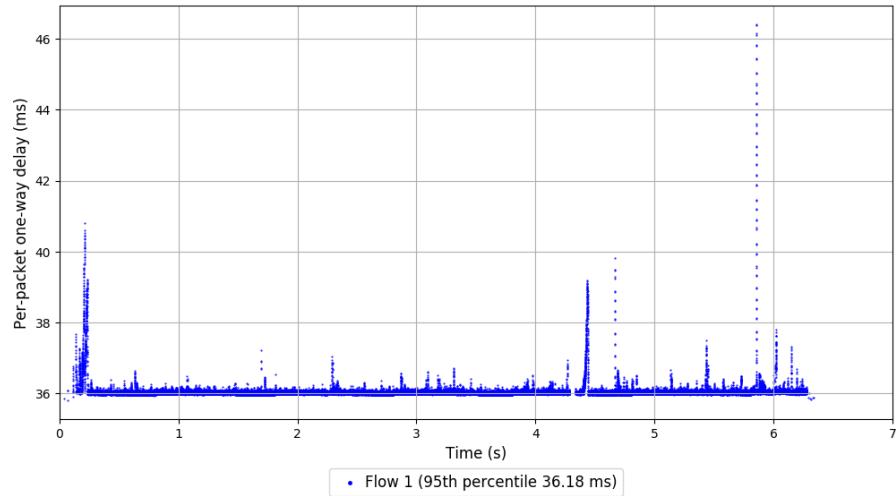
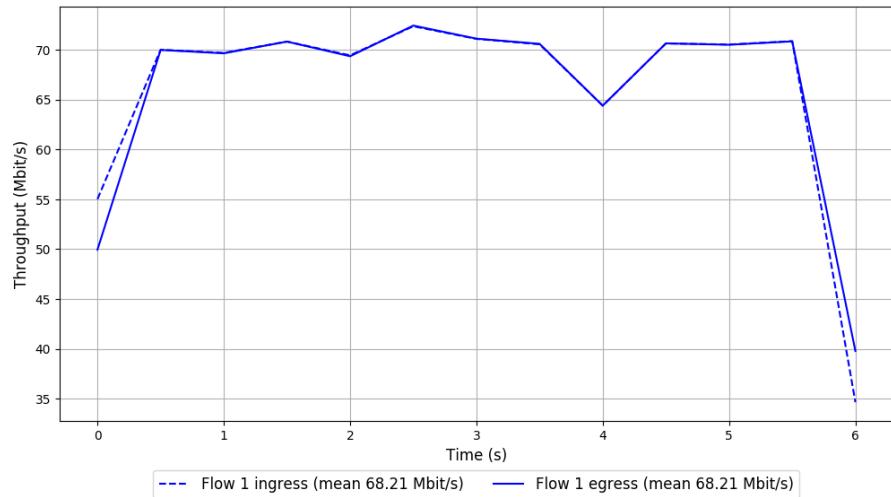
## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:51:34 +0000  
End at: Mon, 24 Jul 2017 23:52:04 +0000  
Local clock offset: 4.614 ms  
Remote clock offset: -22.04 ms

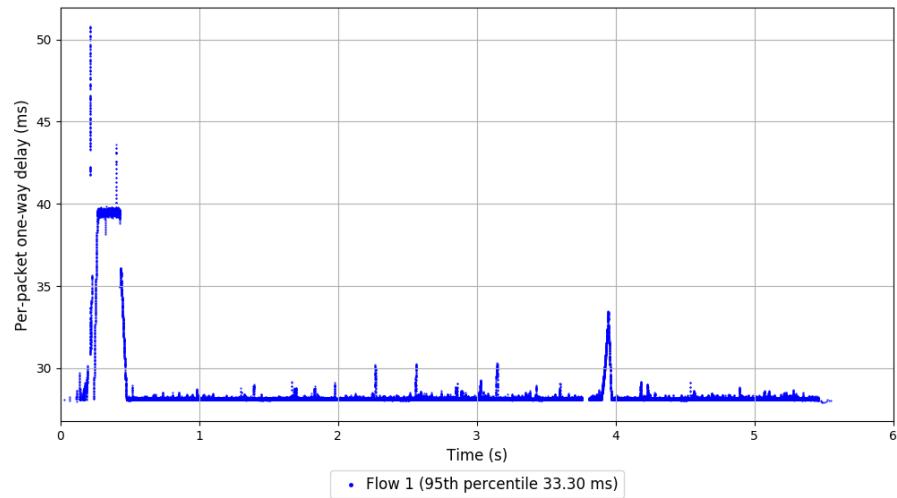
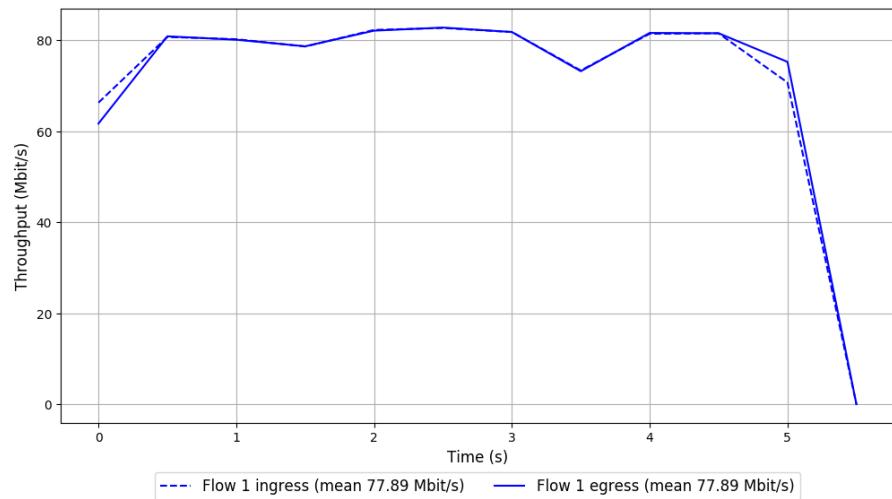
### Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:09:31 +0000  
End at: Tue, 25 Jul 2017 00:10:01 +0000  
Local clock offset: -1.028 ms  
Remote clock offset: -18.571 ms

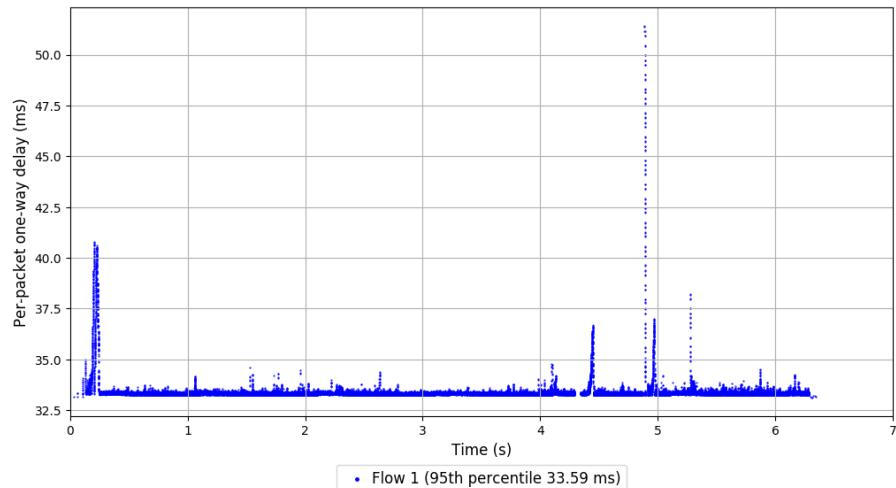
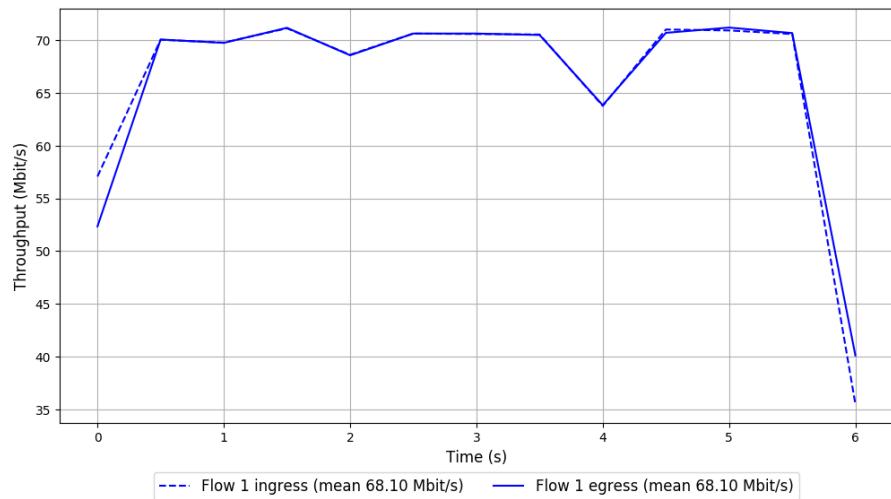
## Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:27:22 +0000  
End at: Tue, 25 Jul 2017 00:27:52 +0000  
Local clock offset: 5.733 ms  
Remote clock offset: -17.422 ms

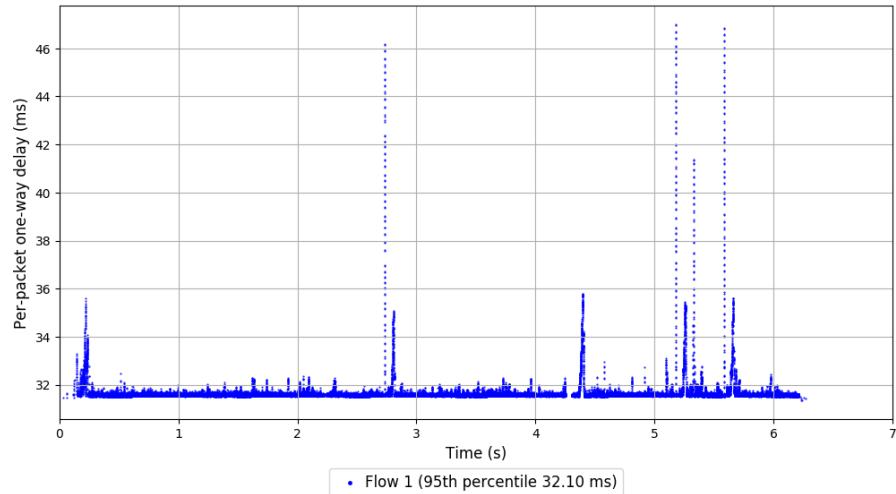
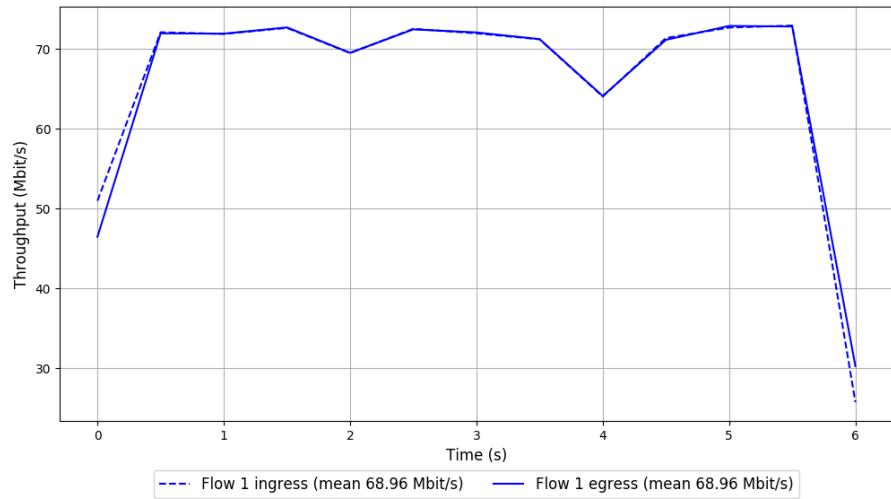
### Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:45:15 +0000  
End at: Tue, 25 Jul 2017 00:45:45 +0000  
Local clock offset: 1.462 ms  
Remote clock offset: -20.613 ms

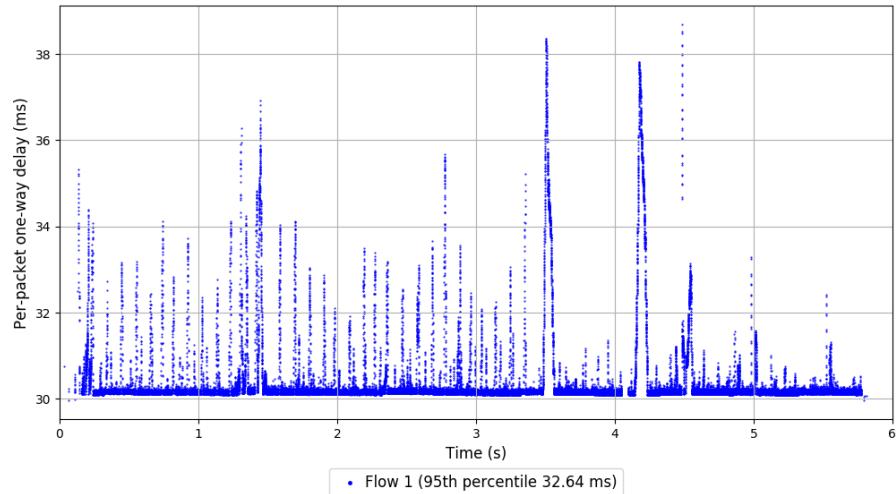
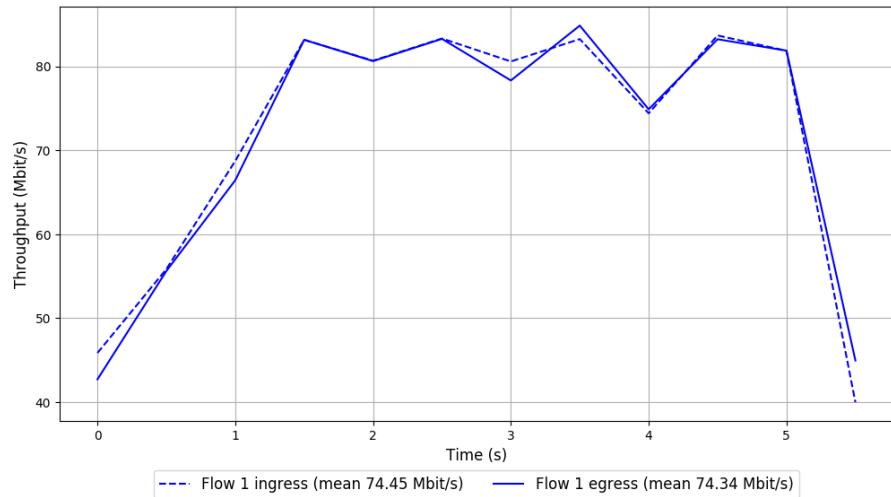
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 01:03:13 +0000  
End at: Tue, 25 Jul 2017 01:03:43 +0000  
Local clock offset: -0.451 ms  
Remote clock offset: -21.689 ms

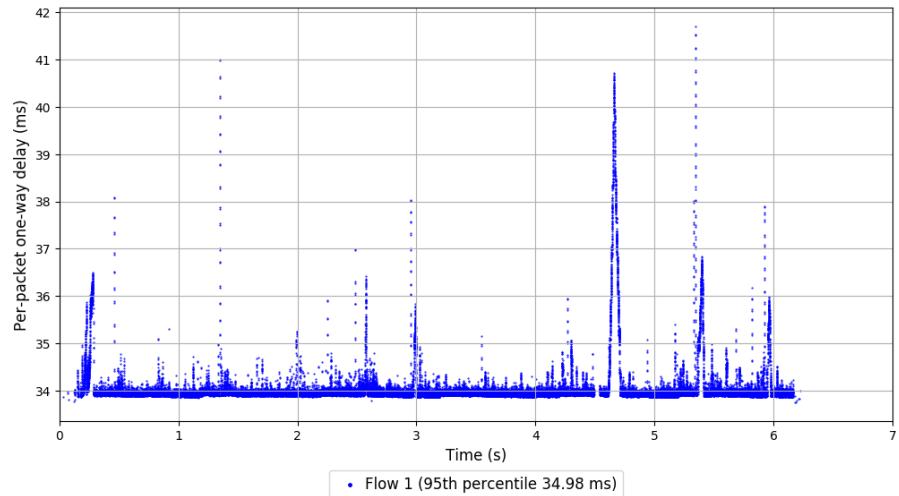
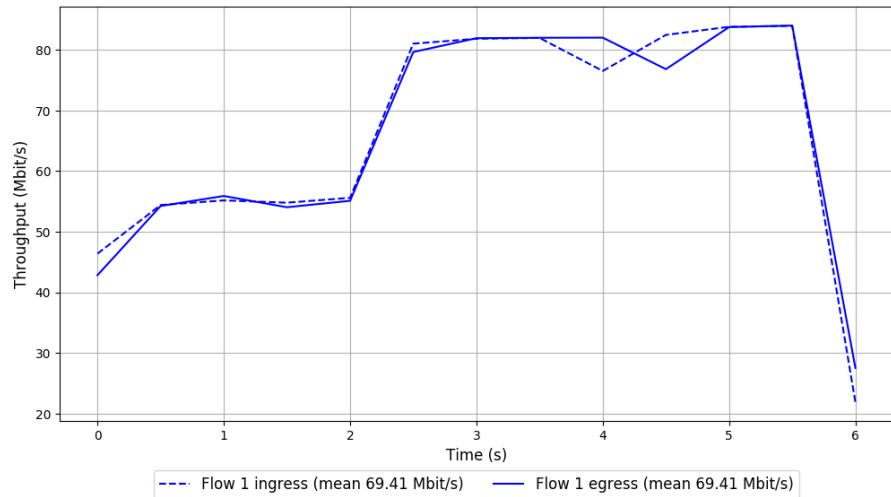
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 01:21:17 +0000  
End at: Tue, 25 Jul 2017 01:21:47 +0000  
Local clock offset: 4.705 ms  
Remote clock offset: -21.103 ms

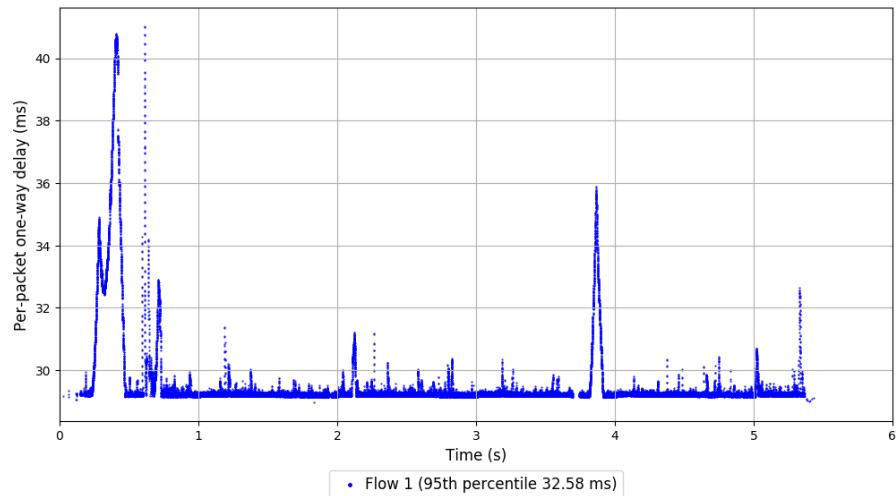
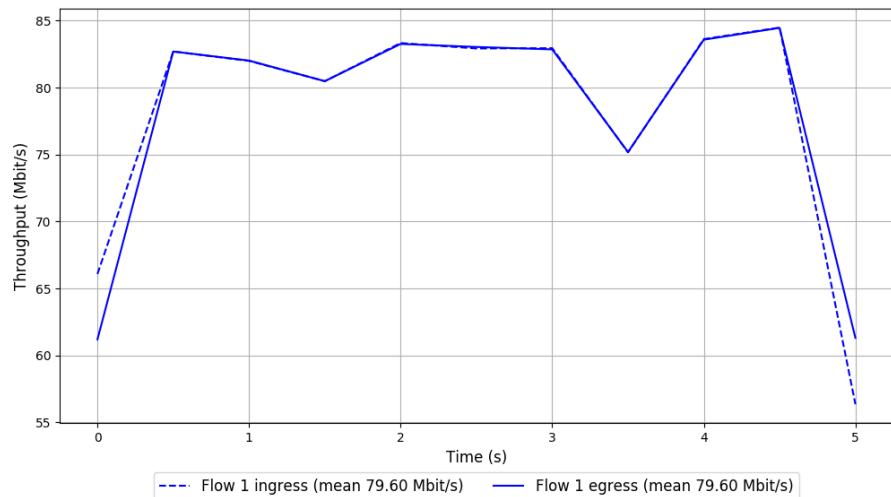
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 01:39:30 +0000  
End at: Tue, 25 Jul 2017 01:40:00 +0000  
Local clock offset: 1.491 ms  
Remote clock offset: -21.305 ms

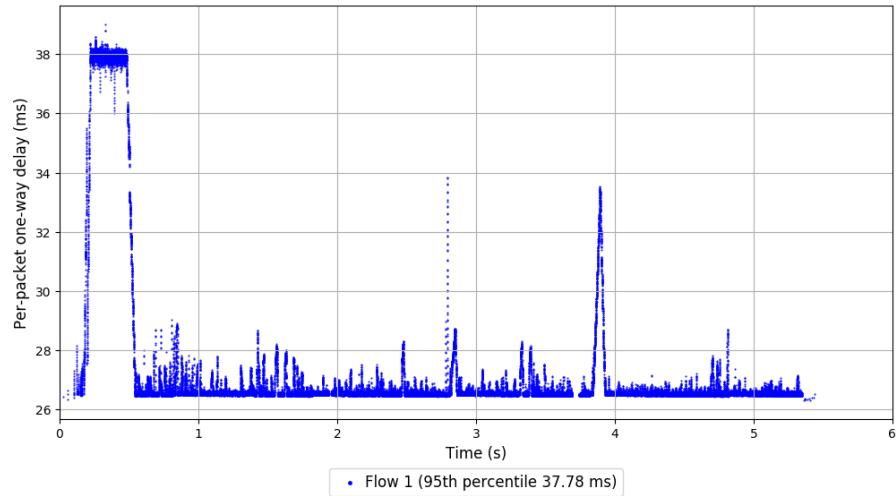
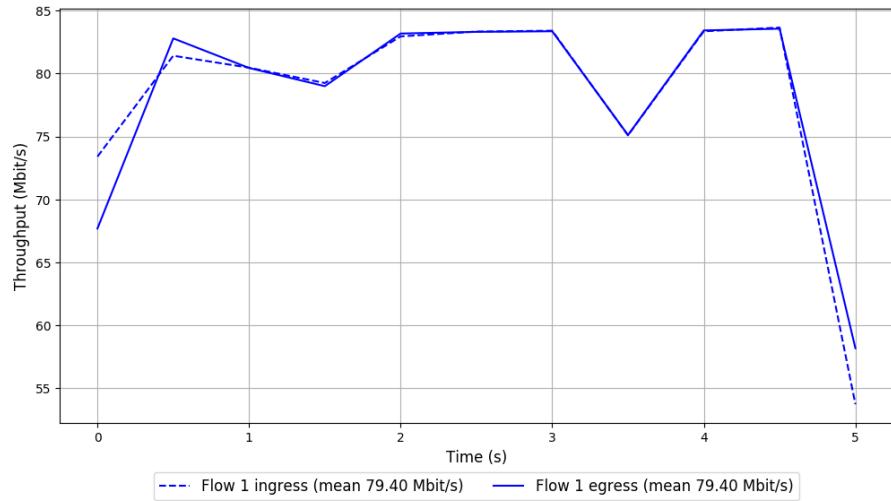
### Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 01:57:07 +0000  
End at: Tue, 25 Jul 2017 01:57:37 +0000  
Local clock offset: -1.134 ms  
Remote clock offset: -20.474 ms

Run 10: Report of QUIC Cubic — Data Link

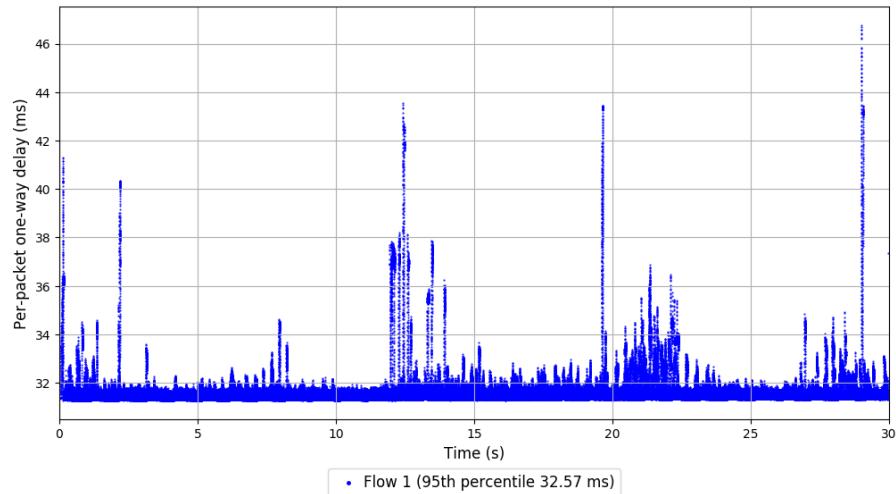
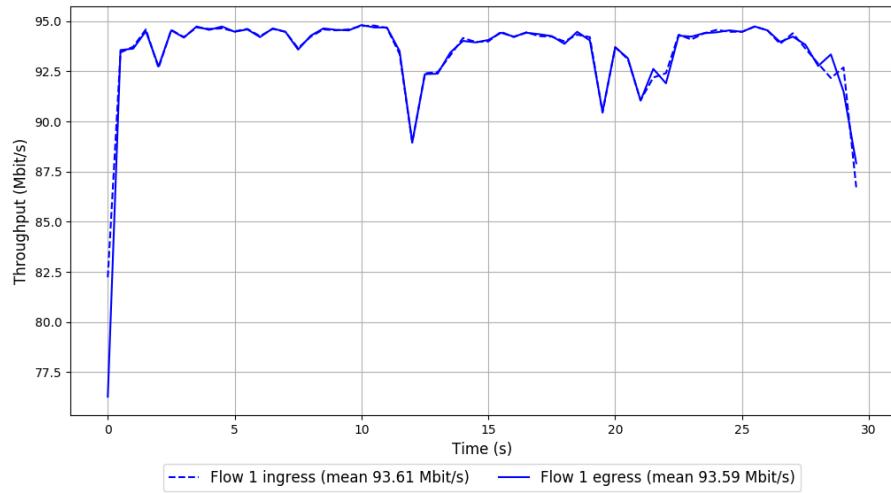


Run 1: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 23:02:48 +0000
End at: Mon, 24 Jul 2017 23:03:18 +0000
Local clock offset: 2.25 ms
Remote clock offset: -20.338 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 32.570 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 32.570 ms
Loss rate: 0.09%
```

Run 1: Report of Saturator — Data Link

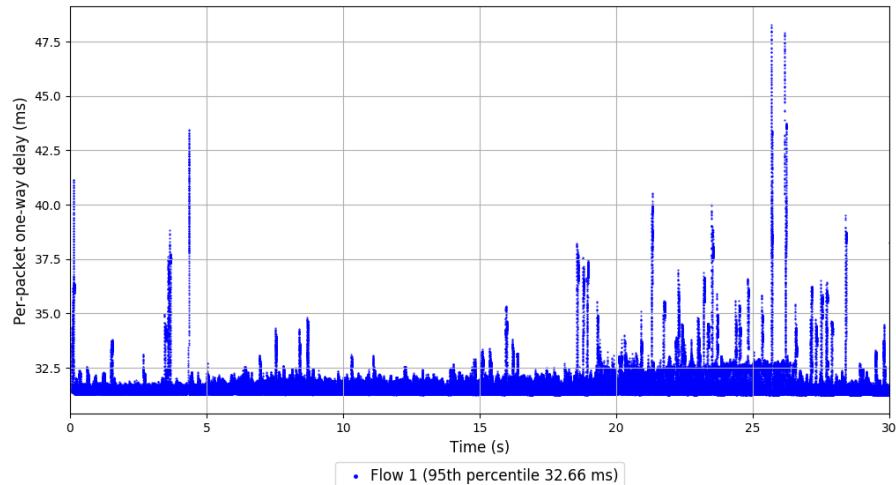
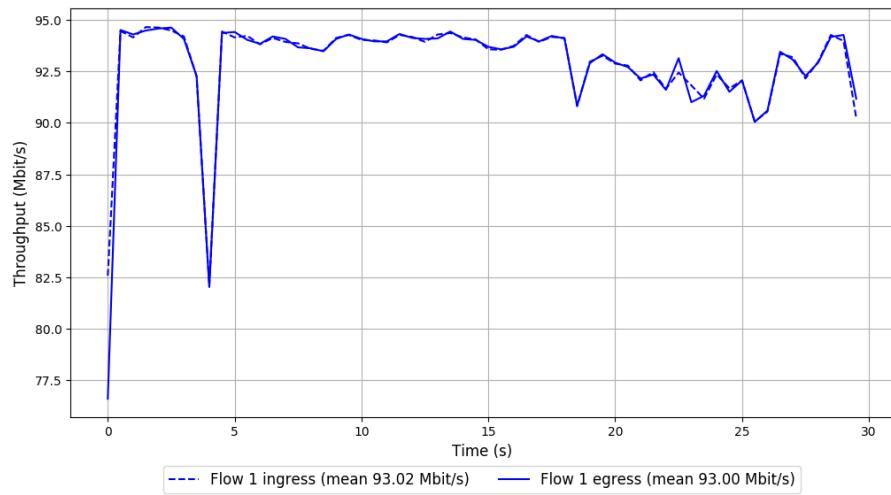


Run 2: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 23:20:41 +0000
End at: Mon, 24 Jul 2017 23:21:11 +0000
Local clock offset: 3.033 ms
Remote clock offset: -18.563 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 32.665 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 32.665 ms
Loss rate: 0.09%
```

Run 2: Report of Saturator — Data Link

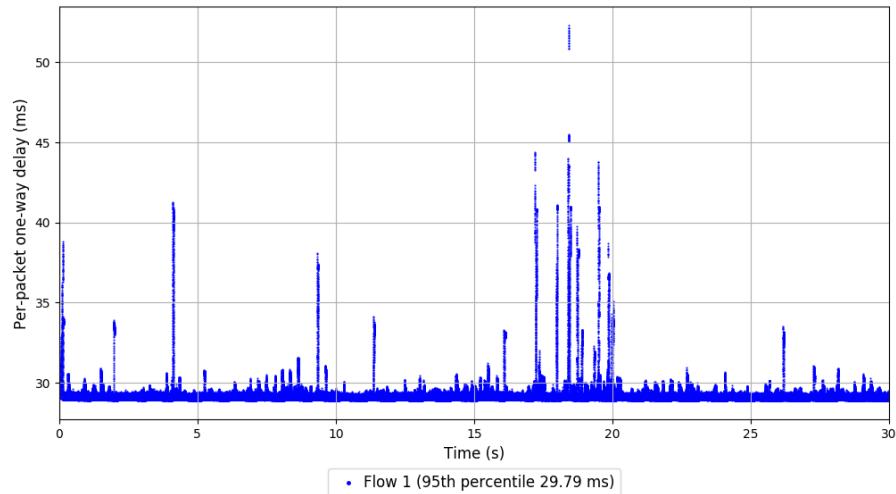
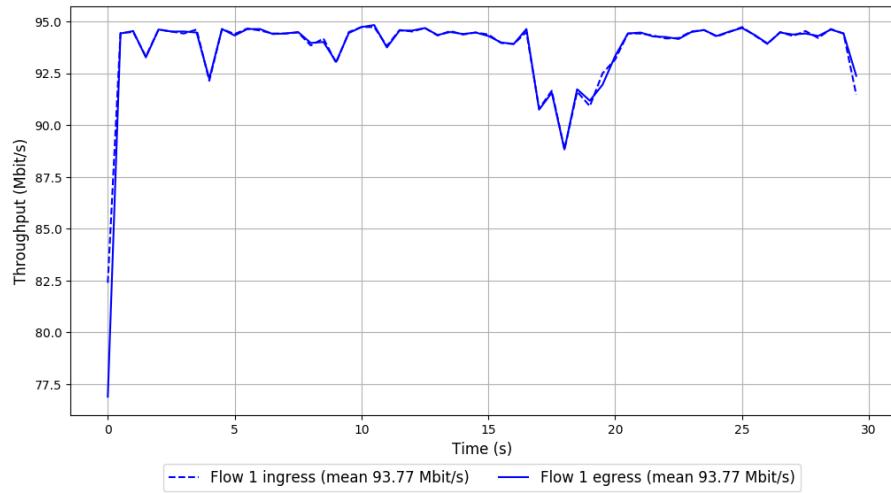


Run 3: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 23:38:28 +0000
End at: Mon, 24 Jul 2017 23:38:58 +0000
Local clock offset: -1.231 ms
Remote clock offset: -21.107 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 29.789 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 29.789 ms
Loss rate: 0.08%
```

Run 3: Report of Saturator — Data Link

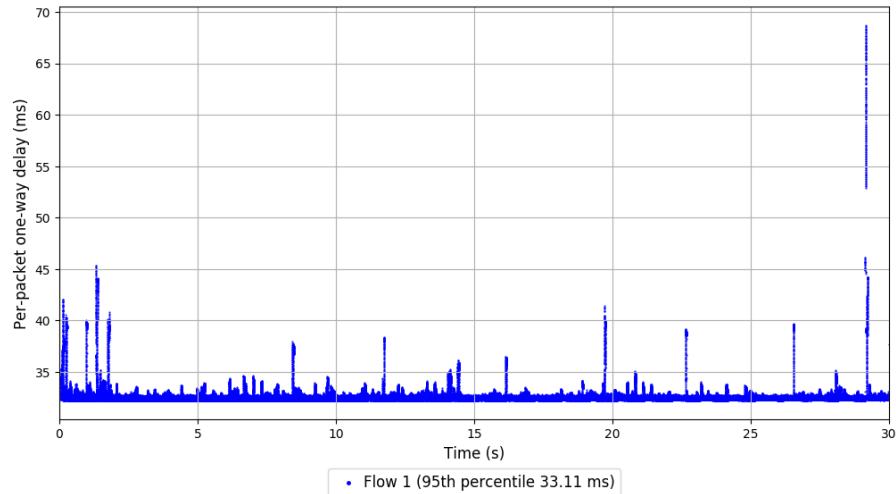
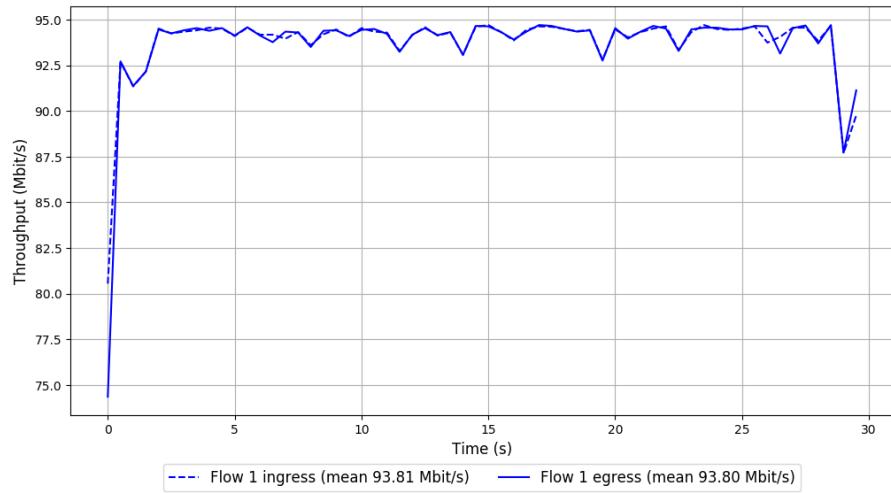


Run 4: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 23:56:16 +0000
End at: Mon, 24 Jul 2017 23:56:46 +0000
Local clock offset: 2.162 ms
Remote clock offset: -20.334 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:45:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 33.112 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 33.112 ms
Loss rate: 0.08%
```

Run 4: Report of Saturator — Data Link

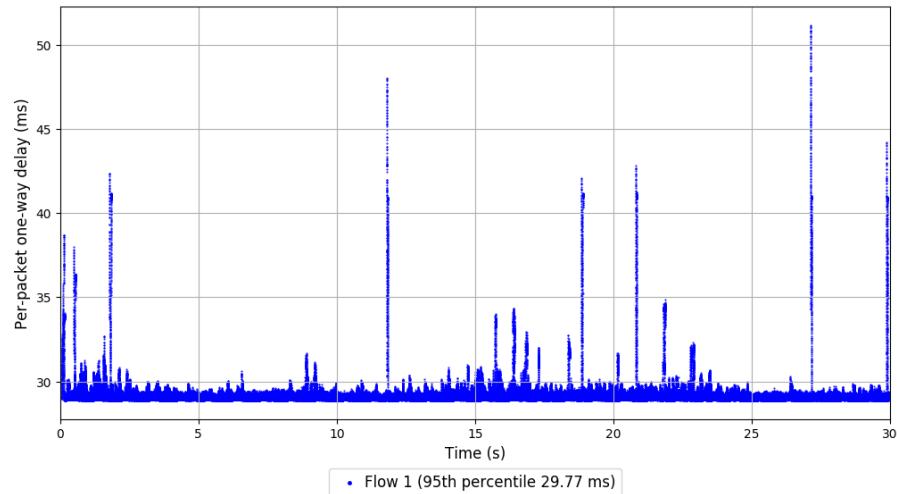
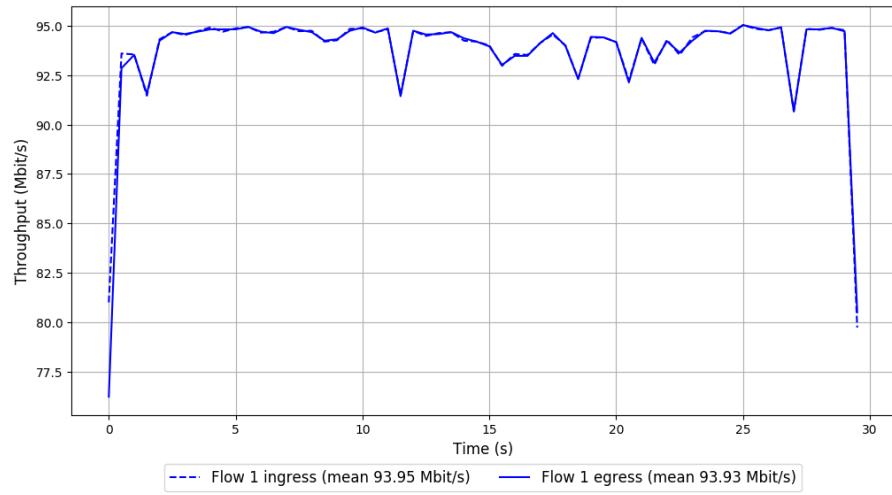


Run 5: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 00:14:19 +0000
End at: Tue, 25 Jul 2017 00:14:49 +0000
Local clock offset: -0.968 ms
Remote clock offset: -19.423 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 29.769 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 29.769 ms
Loss rate: 0.08%
```

Run 5: Report of Saturator — Data Link

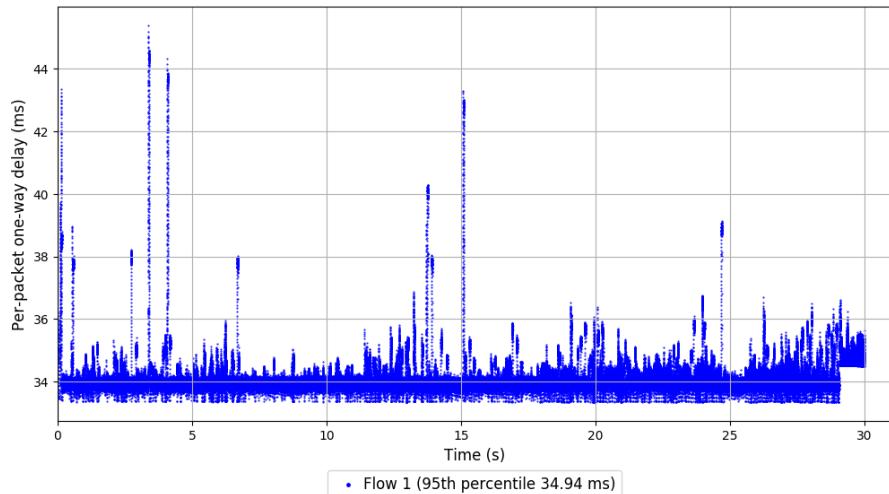
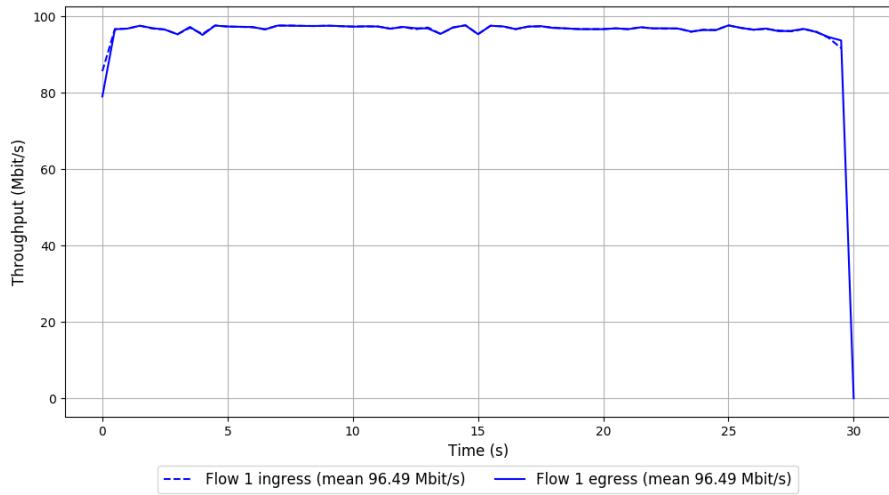


Run 6: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 00:32:06 +0000
End at: Tue, 25 Jul 2017 00:32:36 +0000
Local clock offset: 5.295 ms
Remote clock offset: -19.304 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 34.936 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 34.936 ms
Loss rate: 0.08%
```

Run 6: Report of Saturator — Data Link

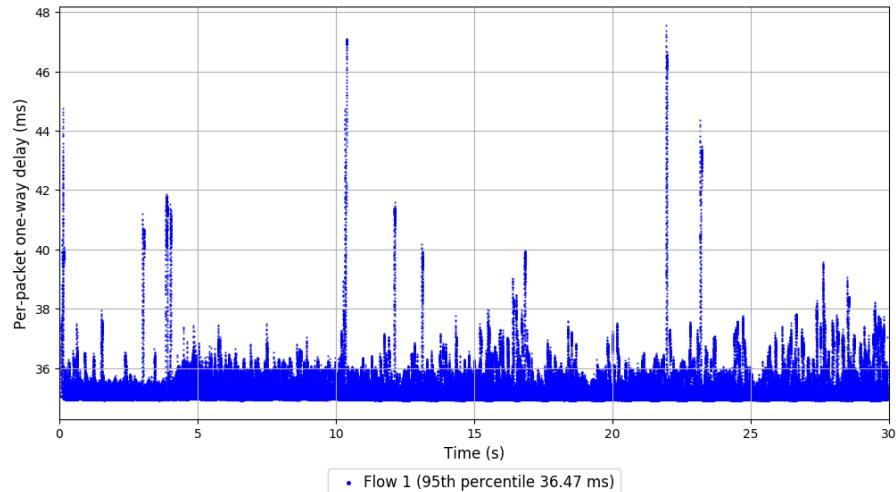
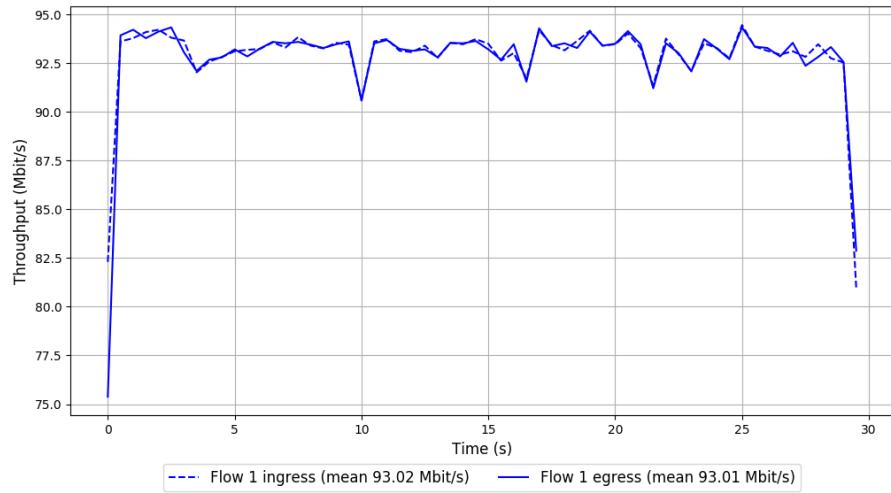


Run 7: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 00:49:56 +0000
End at: Tue, 25 Jul 2017 00:50:26 +0000
Local clock offset: 4.932 ms
Remote clock offset: -20.761 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 36.472 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 36.472 ms
Loss rate: 0.09%
```

Run 7: Report of Saturator — Data Link

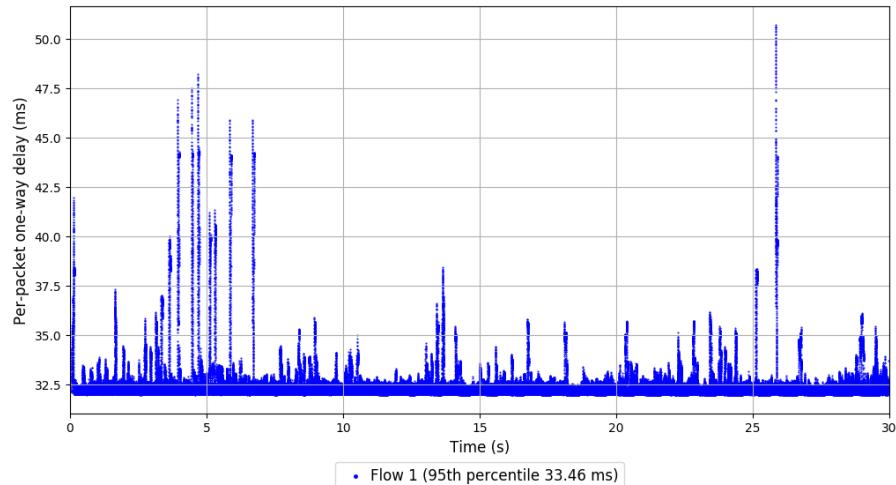
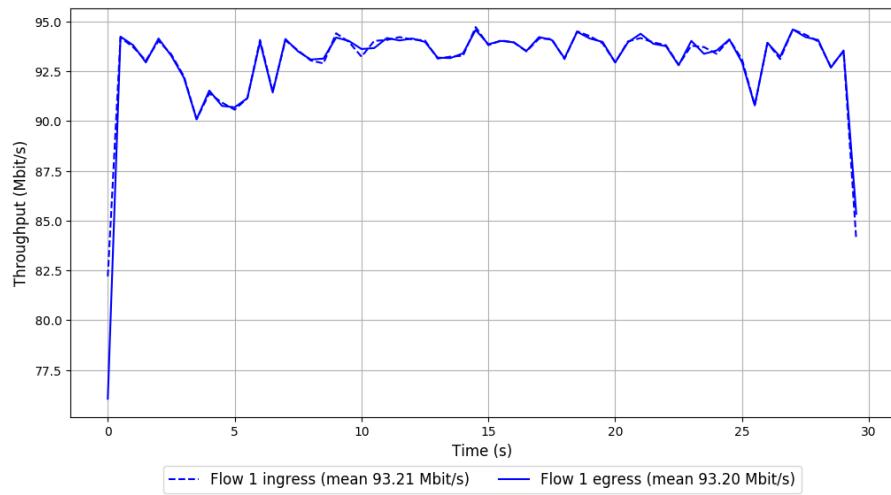


Run 8: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 01:08:04 +0000
End at: Tue, 25 Jul 2017 01:08:34 +0000
Local clock offset: 1.807 ms
Remote clock offset: -21.631 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 33.462 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 33.462 ms
Loss rate: 0.09%
```

Run 8: Report of Saturator — Data Link

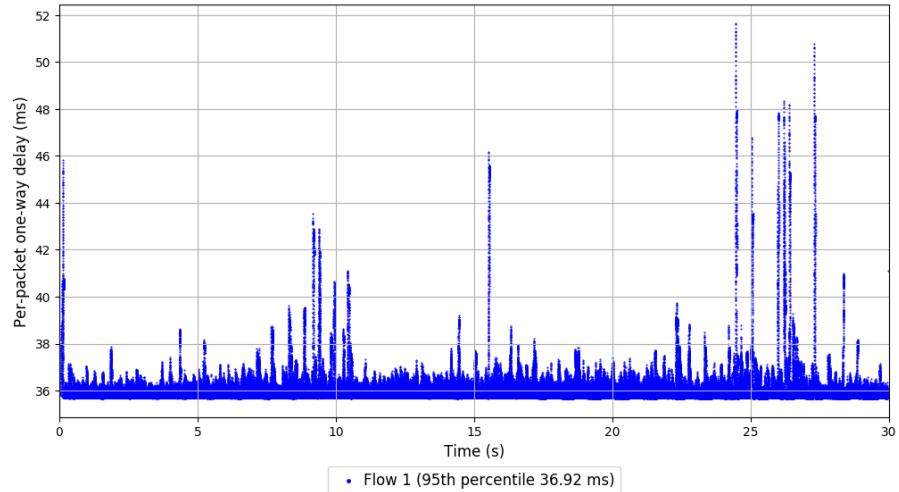
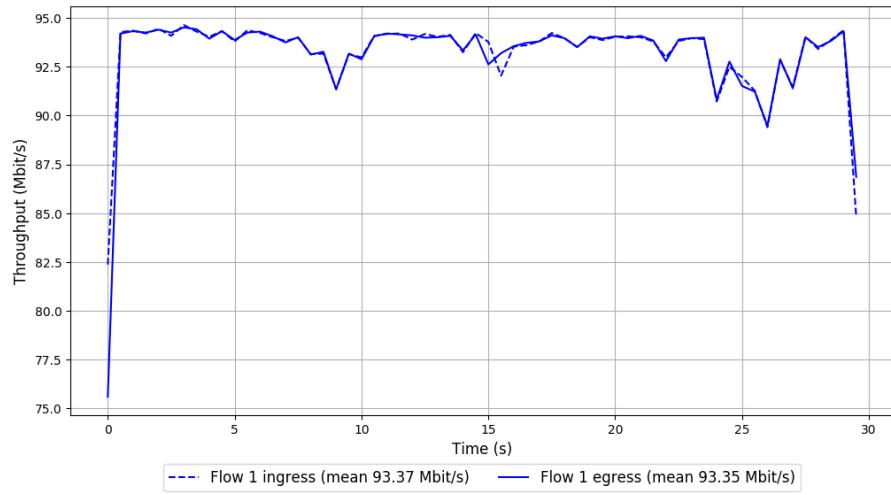


Run 9: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 01:26:14 +0000
End at: Tue, 25 Jul 2017 01:26:44 +0000
Local clock offset: 5.744 ms
Remote clock offset: -21.936 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.35 Mbit/s
95th percentile per-packet one-way delay: 36.923 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.35 Mbit/s
95th percentile per-packet one-way delay: 36.923 ms
Loss rate: 0.08%
```

Run 9: Report of Saturator — Data Link

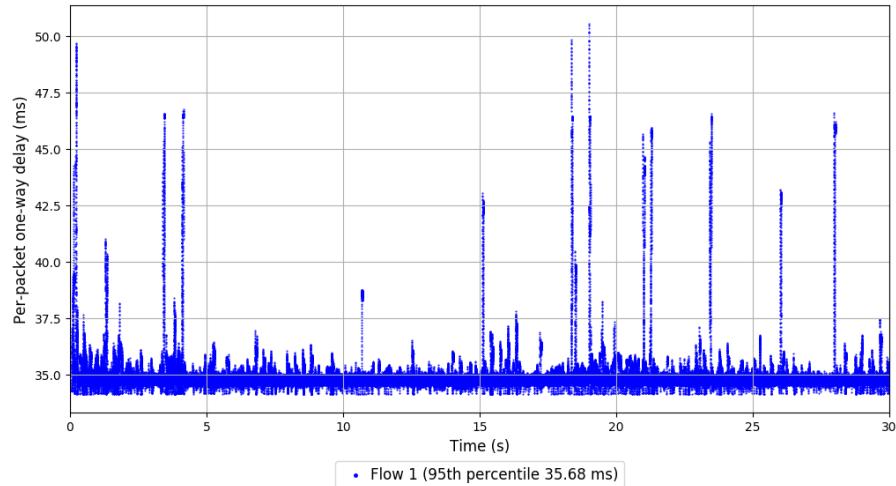
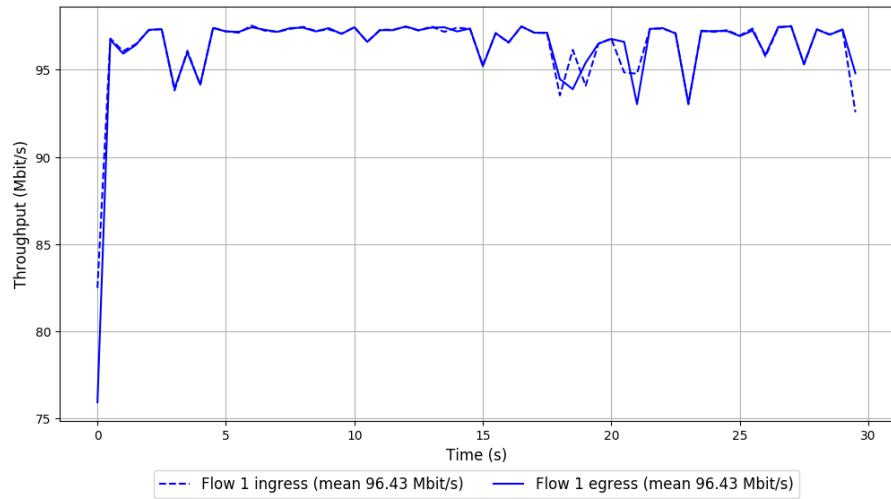


Run 10: Statistics of Saturator

```
Start at: Tue, 25 Jul 2017 01:44:07 +0000
End at: Tue, 25 Jul 2017 01:44:37 +0000
Local clock offset: 3.752 ms
Remote clock offset: -24.092 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: 35.681 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: 35.681 ms
Loss rate: 0.08%
```

Run 10: Report of Saturator — Data Link

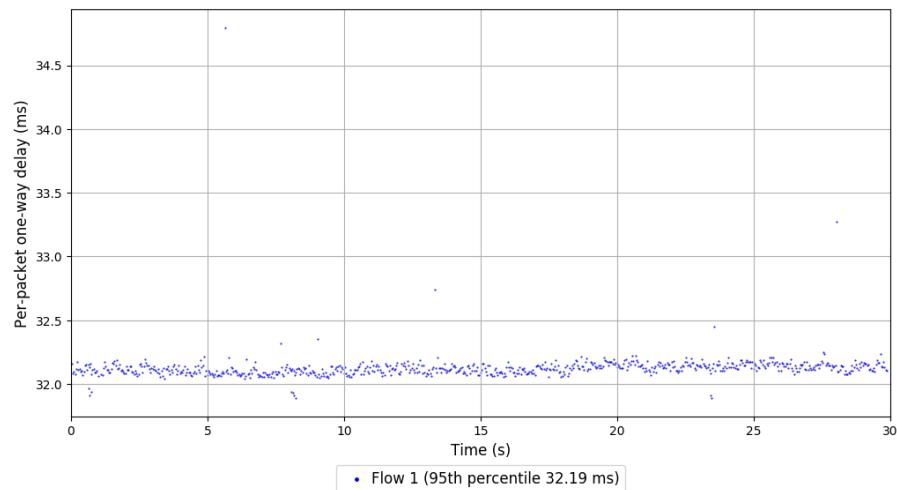
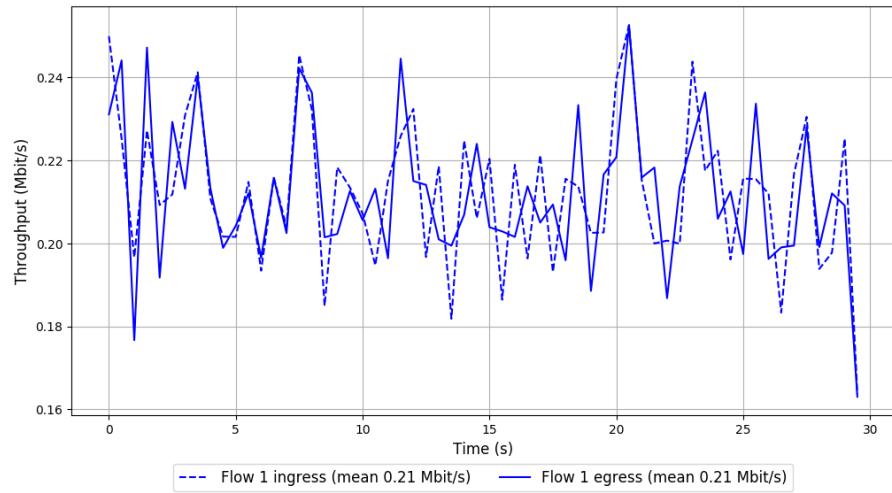


Run 1: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 23:11:17 +0000
End at: Mon, 24 Jul 2017 23:11:47 +0000
Local clock offset: 1.863 ms
Remote clock offset: -20.722 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.187 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.187 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

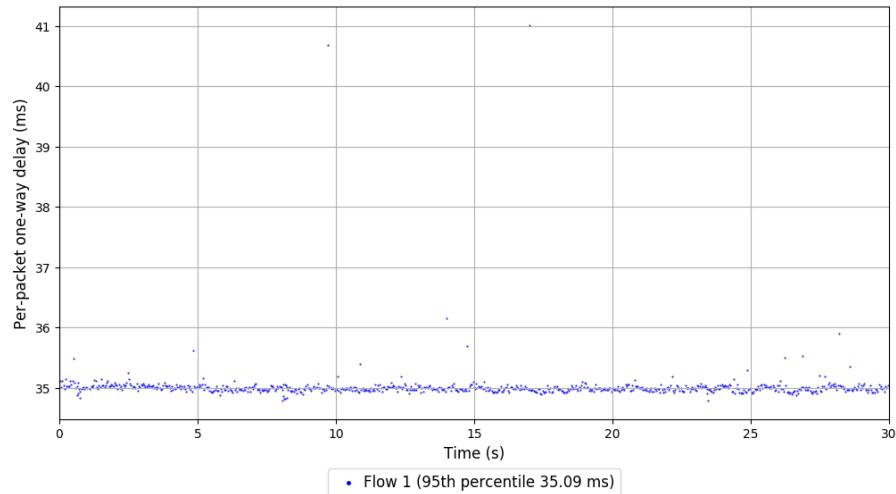
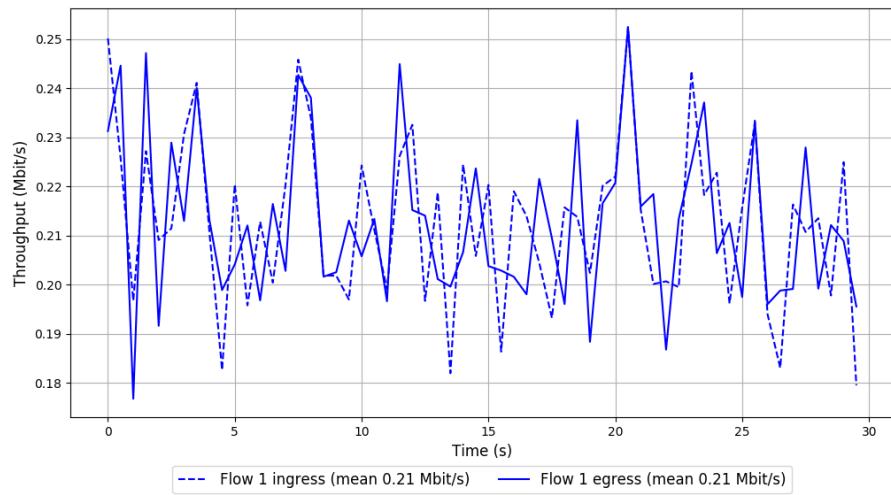


Run 2: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 23:29:11 +0000
End at: Mon, 24 Jul 2017 23:29:41 +0000
Local clock offset: 5.024 ms
Remote clock offset: -20.545 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.088 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

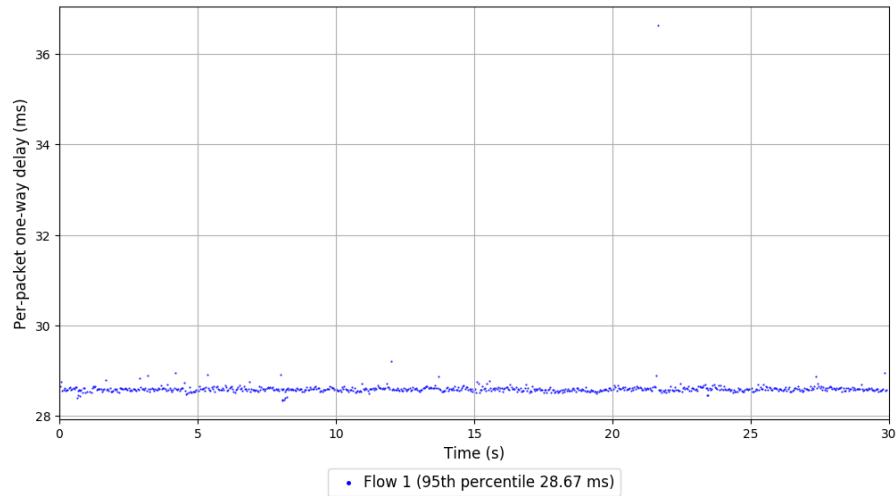
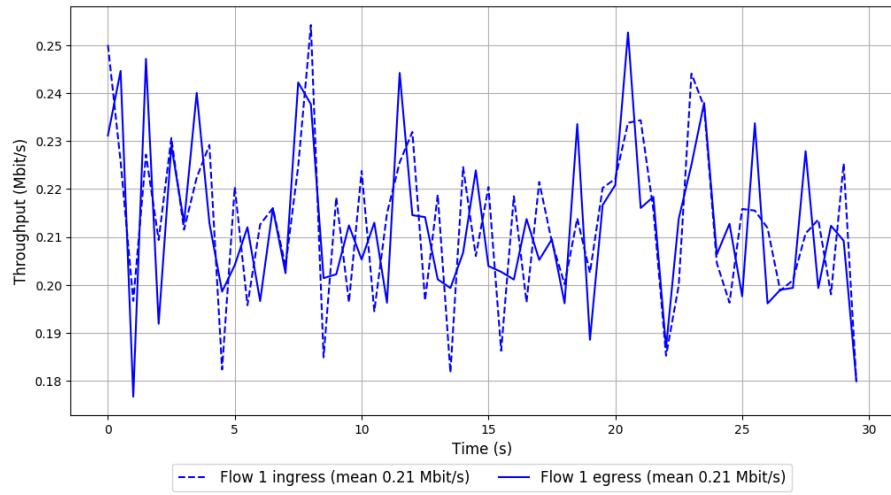


Run 3: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 23:46:58 +0000
End at: Mon, 24 Jul 2017 23:47:28 +0000
Local clock offset: -0.854 ms
Remote clock offset: -20.395 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.666 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.666 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

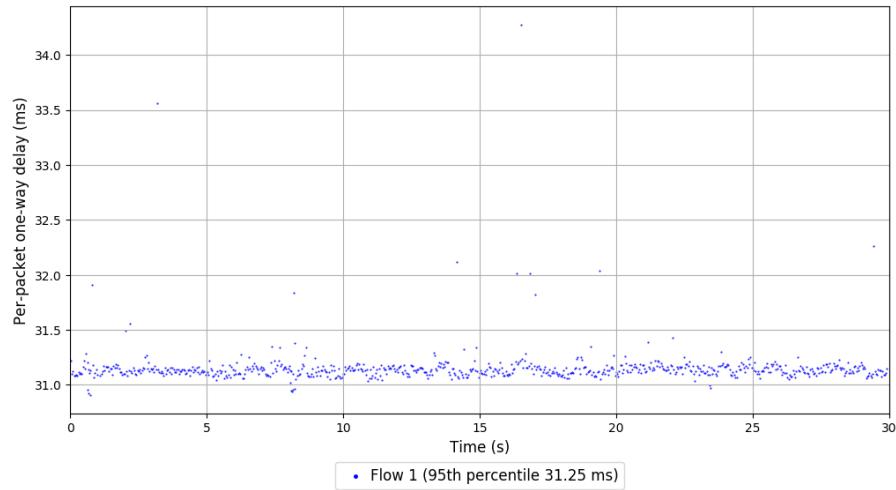
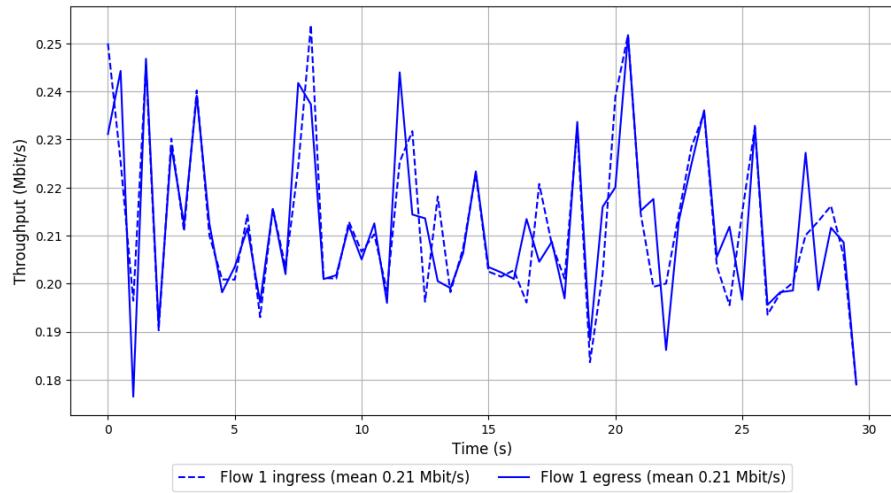


Run 4: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 00:04:58 +0000
End at: Tue, 25 Jul 2017 00:05:28 +0000
Local clock offset: 0.86 ms
Remote clock offset: -19.887 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.248 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.248 ms
Loss rate: 0.13%
```

## Run 4: Report of SCReAM — Data Link

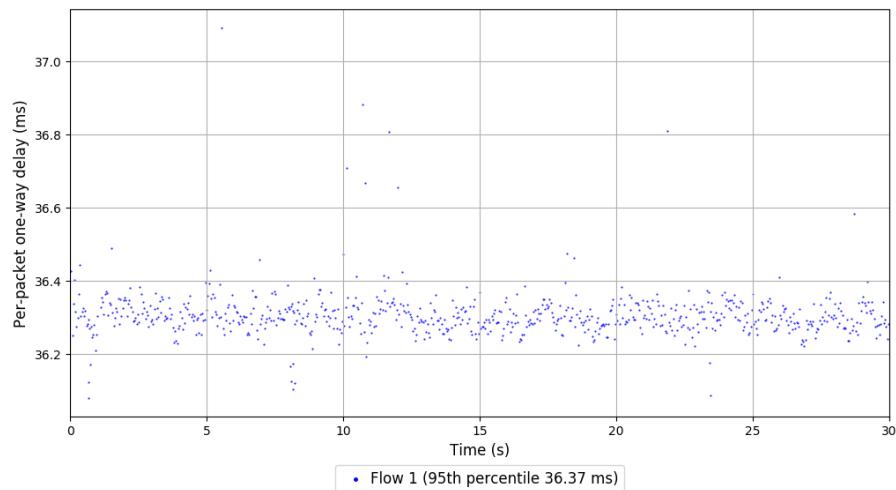
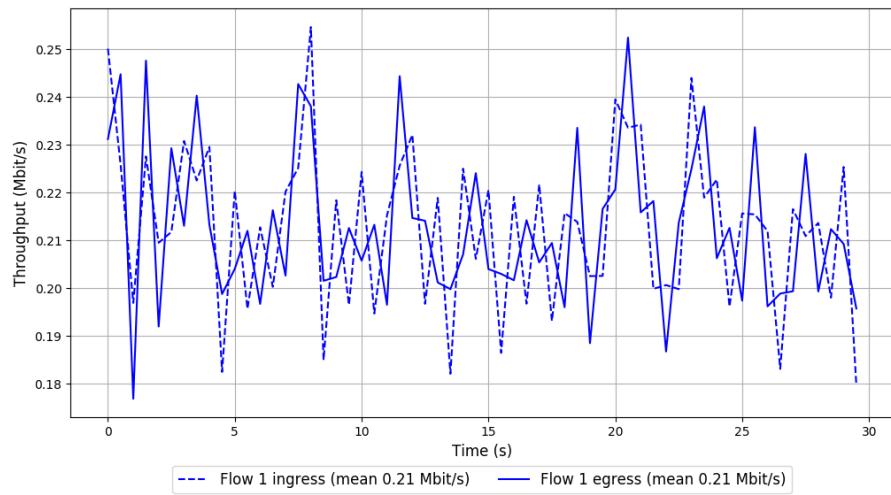


Run 5: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 00:22:44 +0000
End at: Tue, 25 Jul 2017 00:23:14 +0000
Local clock offset: 5.417 ms
Remote clock offset: -20.467 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.373 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

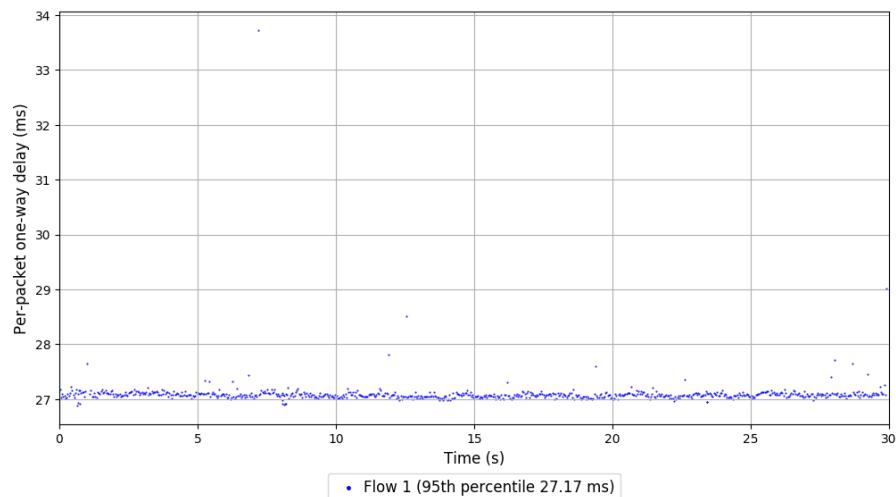
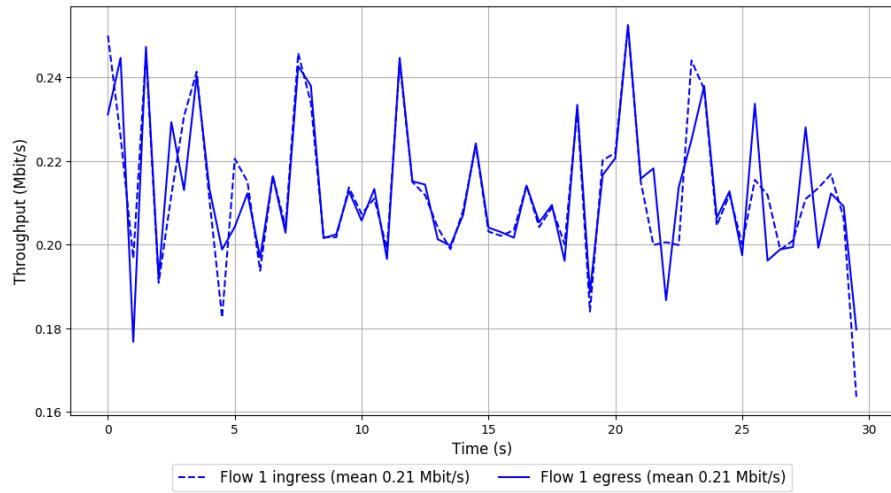


Run 6: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 00:40:38 +0000
End at: Tue, 25 Jul 2017 00:41:08 +0000
Local clock offset: -0.956 ms
Remote clock offset: -18.269 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.166 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

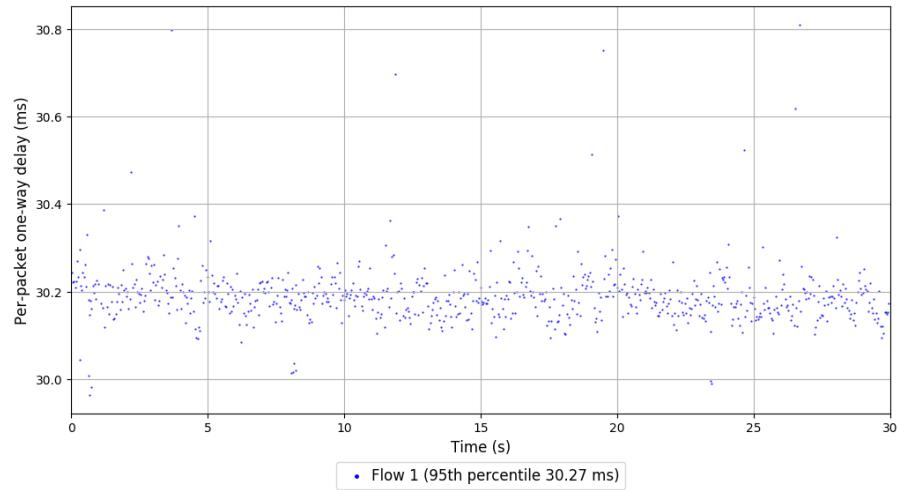
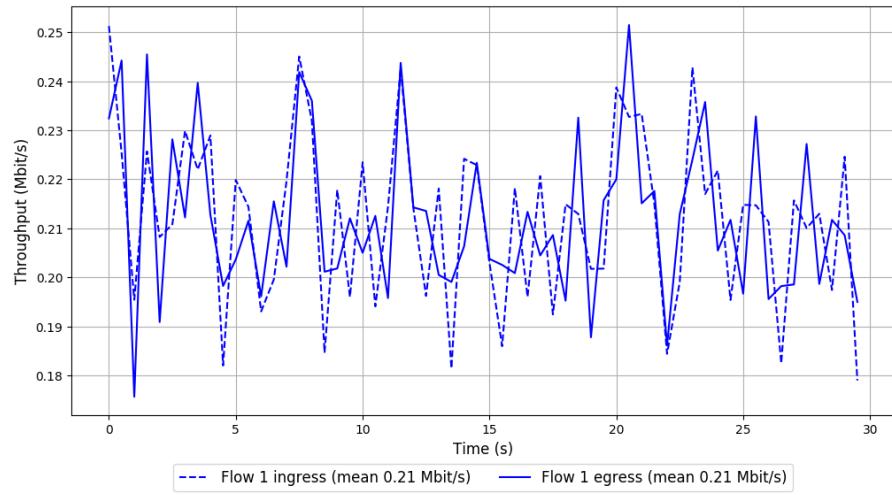


Run 7: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 00:58:34 +0000
End at: Tue, 25 Jul 2017 00:59:05 +0000
Local clock offset: -1.192 ms
Remote clock offset: -22.27 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.274 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

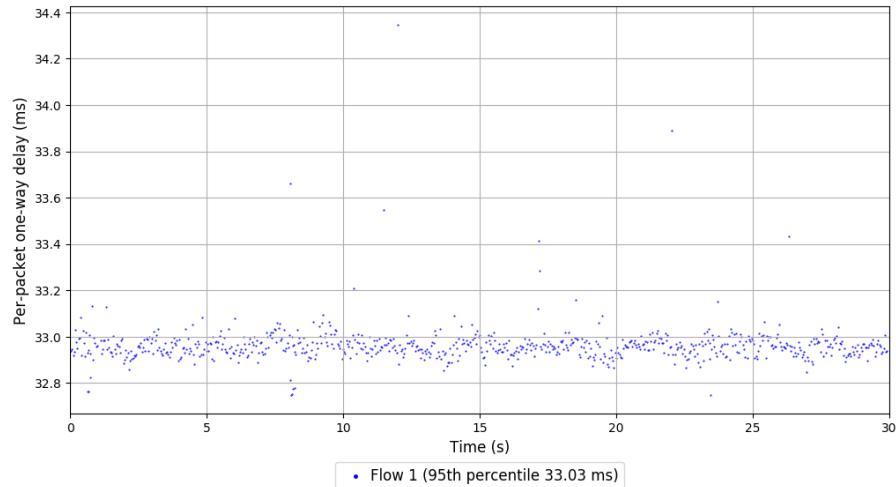
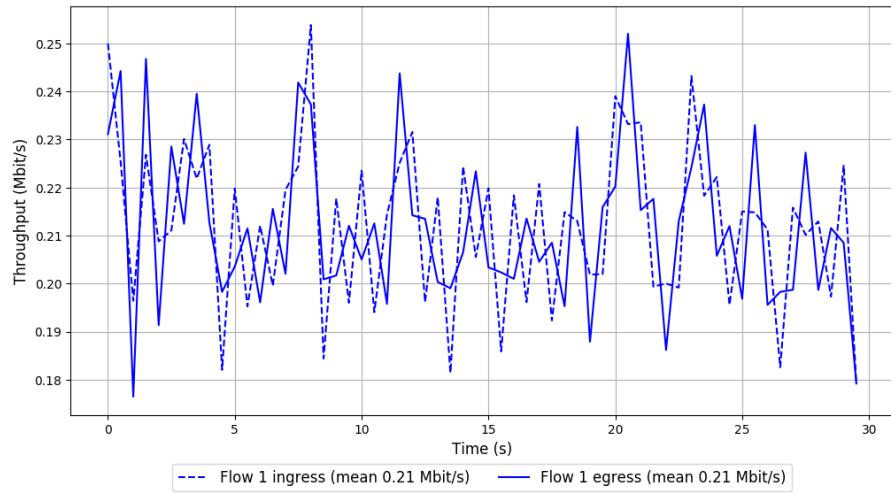


Run 8: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 01:16:44 +0000
End at: Tue, 25 Jul 2017 01:17:14 +0000
Local clock offset: 1.348 ms
Remote clock offset: -23.317 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.033 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.033 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

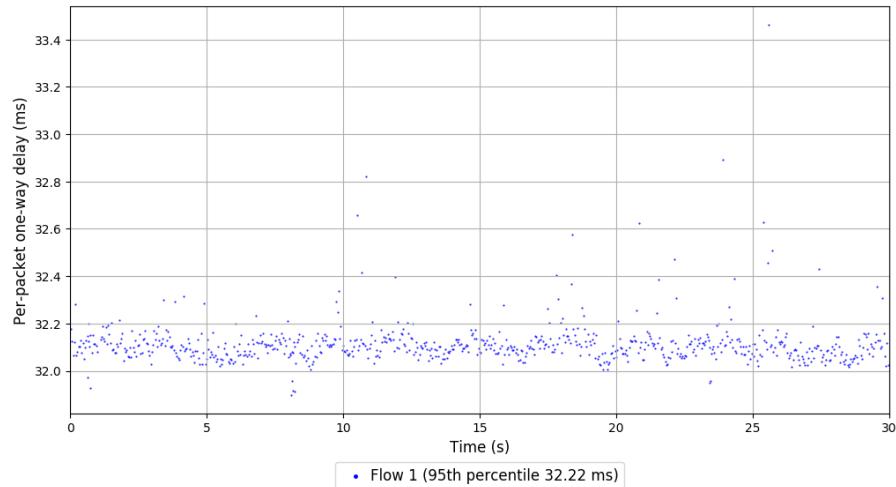
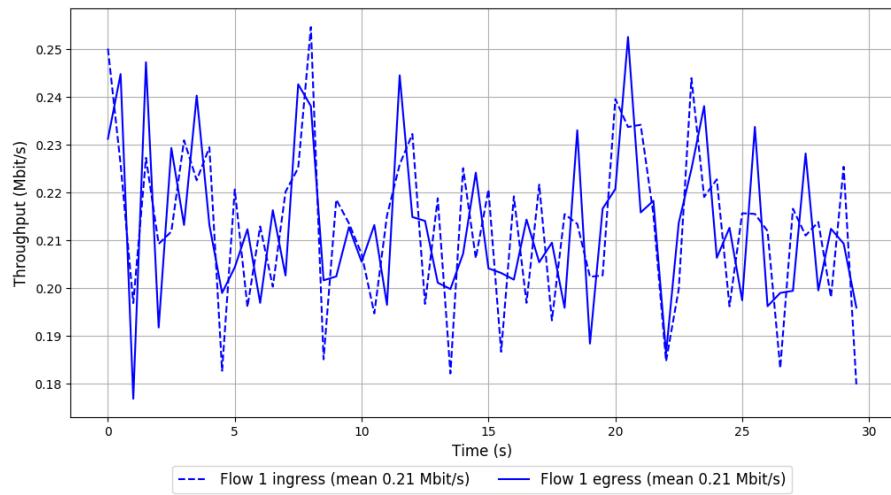


Run 9: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 01:34:52 +0000
End at: Tue, 25 Jul 2017 01:35:22 +0000
Local clock offset: -4.225 ms
Remote clock offset: -28.588 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.221 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

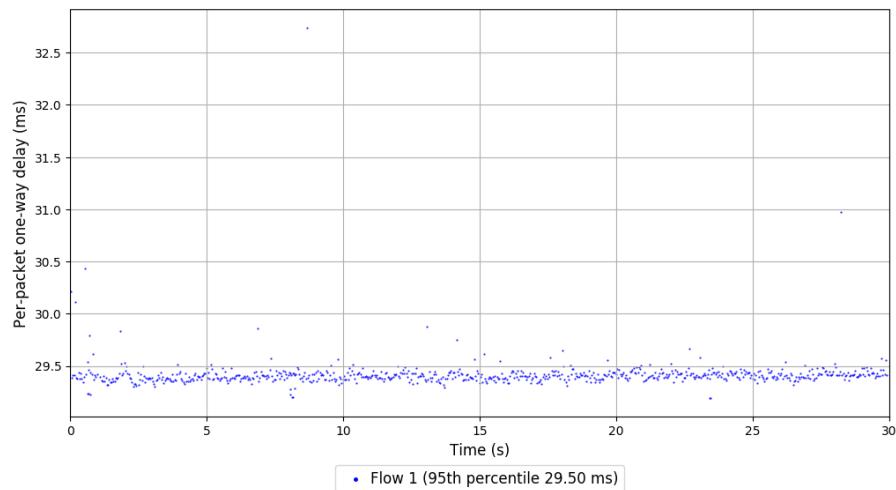
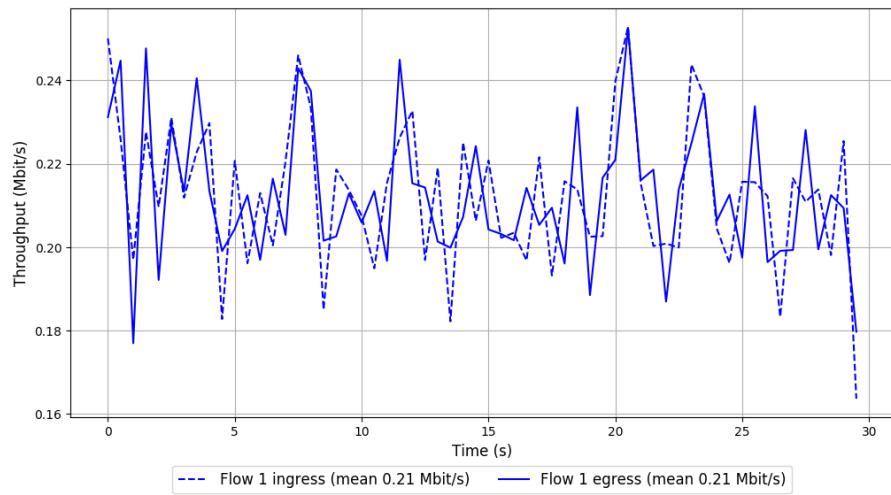


Run 10: Statistics of SCReAM

```
Start at: Tue, 25 Jul 2017 01:52:31 +0000
End at: Tue, 25 Jul 2017 01:53:01 +0000
Local clock offset: 0.906 ms
Remote clock offset: -21.55 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.498 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

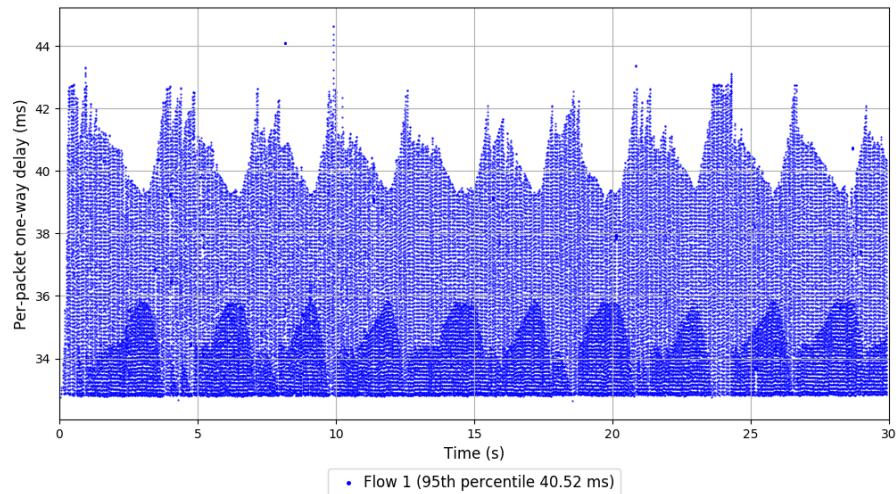
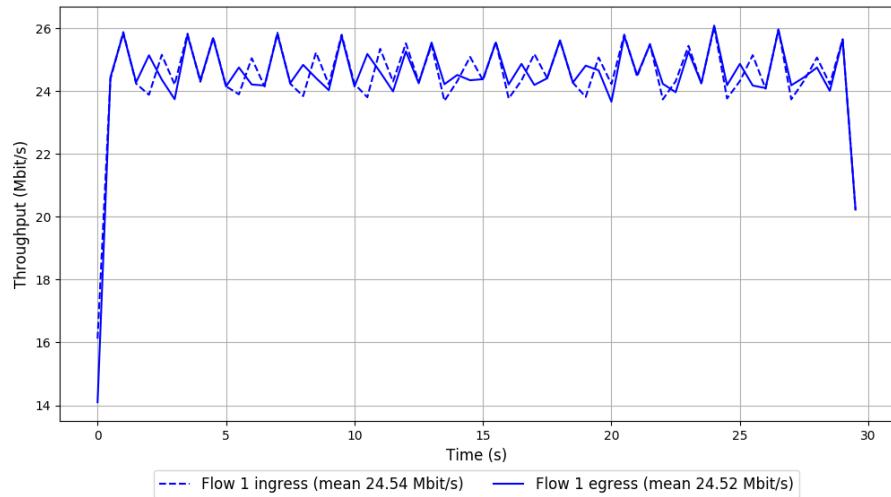


Run 1: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 23:10:10 +0000
End at: Mon, 24 Jul 2017 23:10:40 +0000
Local clock offset: 2.658 ms
Remote clock offset: -20.753 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 40.522 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 40.522 ms
Loss rate: 0.13%
```

## Run 1: Report of Sprout — Data Link

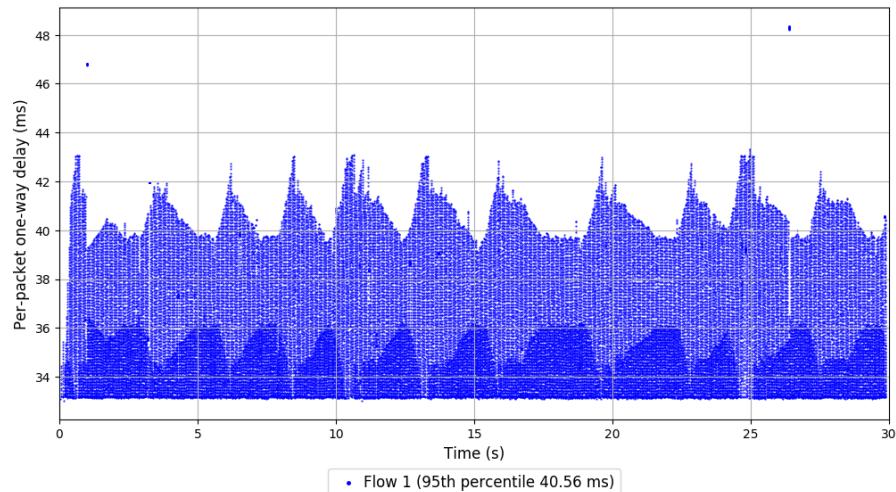
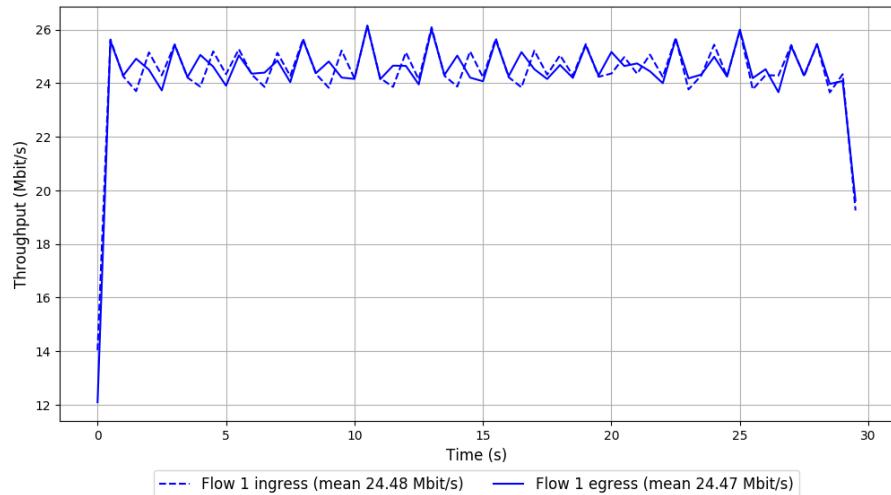


Run 2: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 23:28:04 +0000
End at: Mon, 24 Jul 2017 23:28:34 +0000
Local clock offset: 3.035 ms
Remote clock offset: -20.683 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 40.559 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 40.559 ms
Loss rate: 0.11%
```

## Run 2: Report of Sprout — Data Link

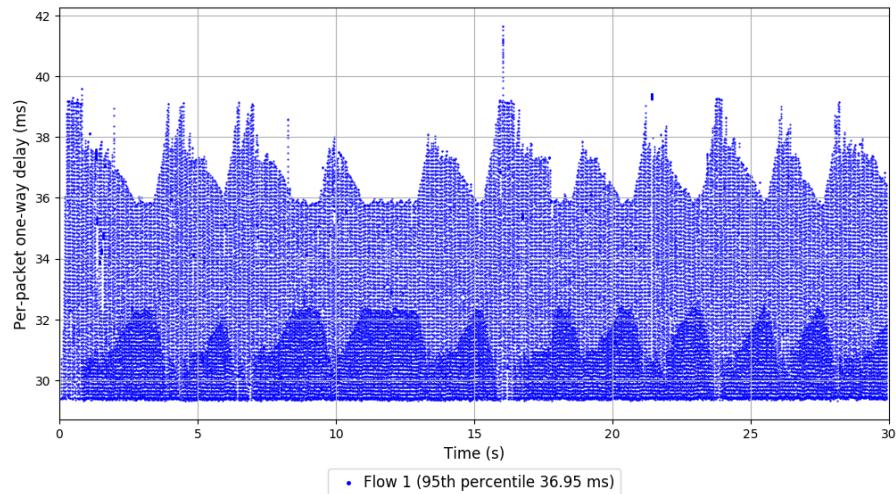
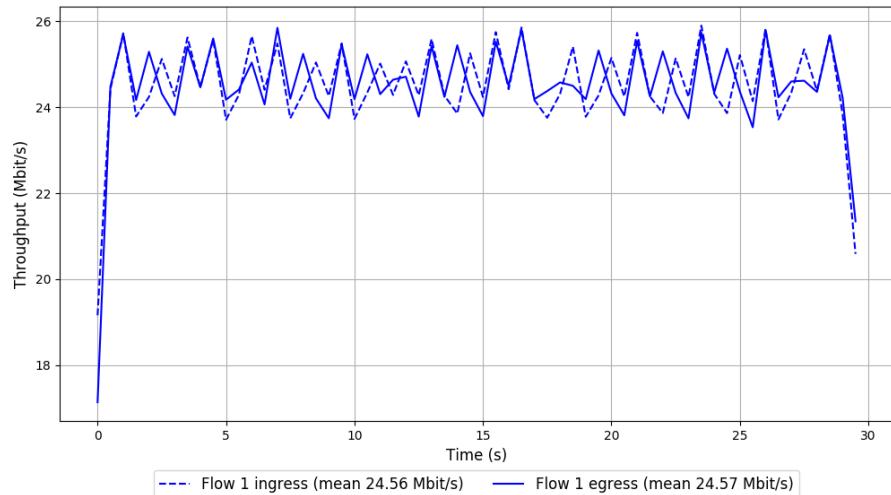


Run 3: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 23:45:52 +0000
End at: Mon, 24 Jul 2017 23:46:22 +0000
Local clock offset: -0.45 ms
Remote clock offset: -20.872 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 36.945 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 36.945 ms
Loss rate: 0.06%
```

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

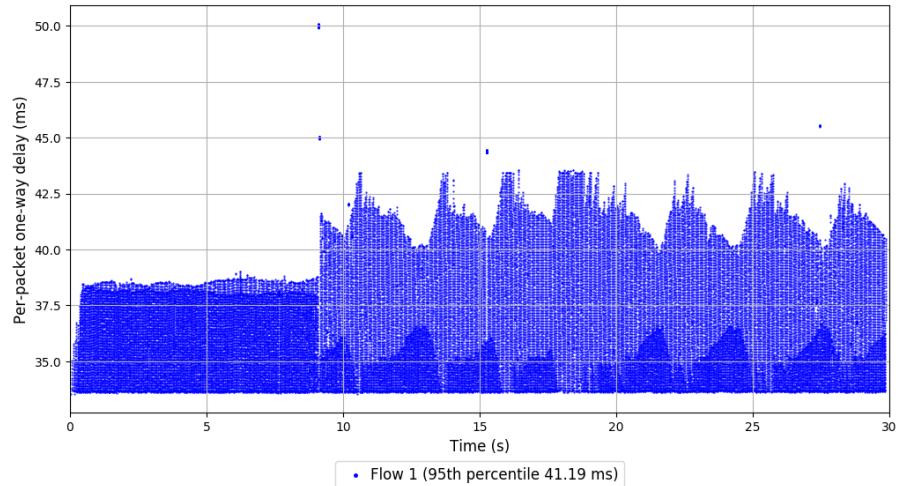
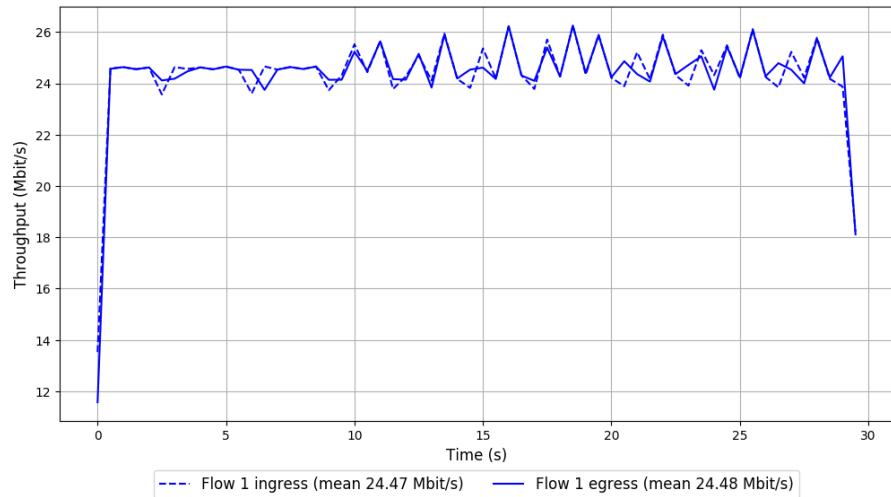


Run 4: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 00:03:52 +0000
End at: Tue, 25 Jul 2017 00:04:22 +0000
Local clock offset: 2.297 ms
Remote clock offset: -21.038 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 41.187 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 41.187 ms
Loss rate: 0.06%
```

## Run 4: Report of Sprout — Data Link

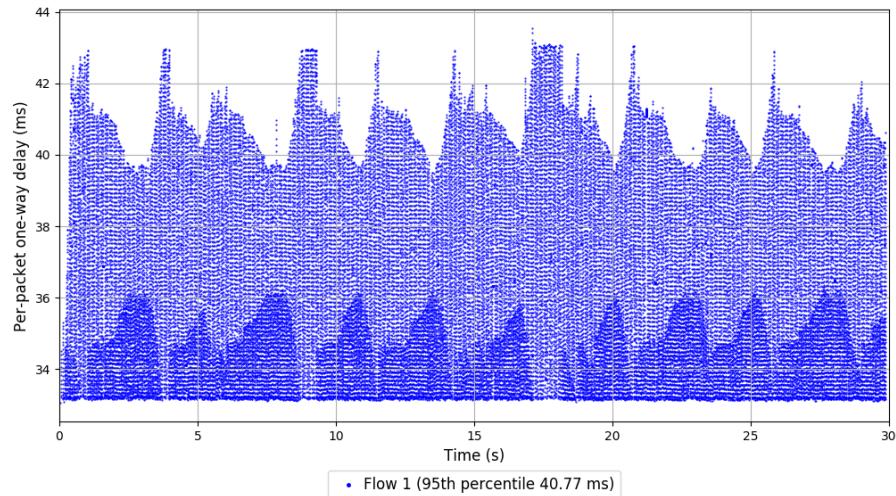
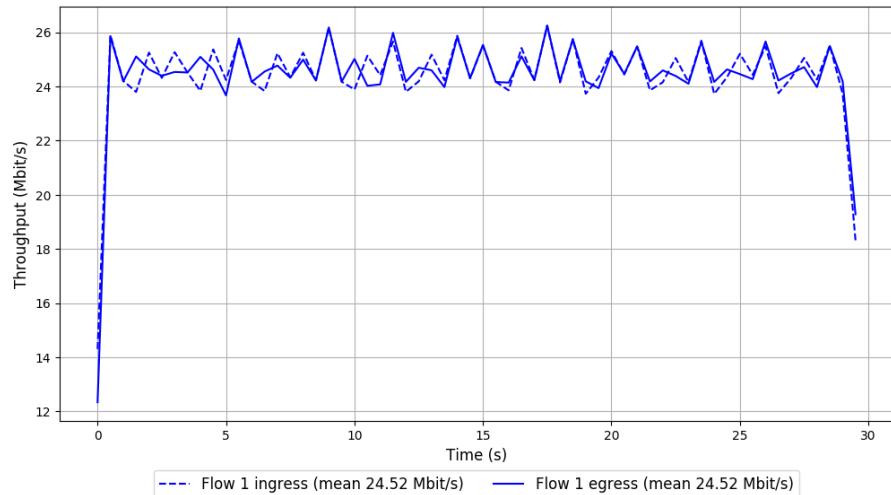


Run 5: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 00:21:38 +0000
End at: Tue, 25 Jul 2017 00:22:08 +0000
Local clock offset: 4.382 ms
Remote clock offset: -18.342 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 40.766 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 40.766 ms
Loss rate: 0.04%
```

Run 5: Report of Sprout — Data Link

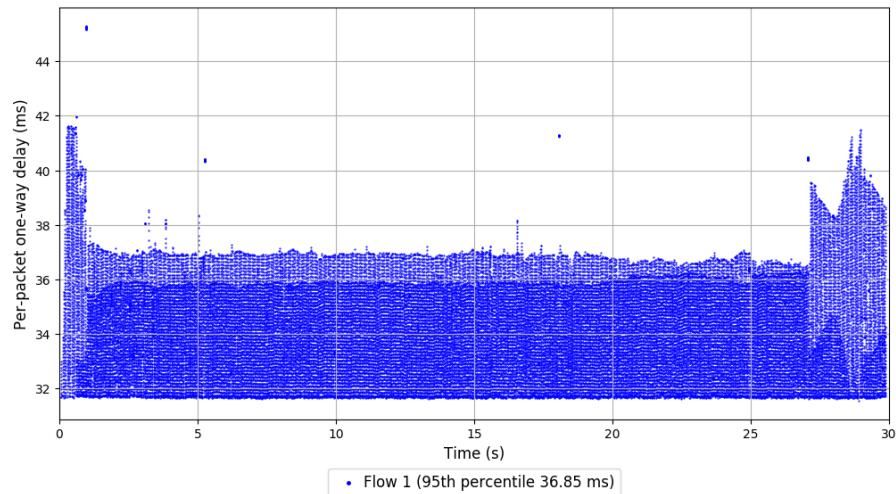
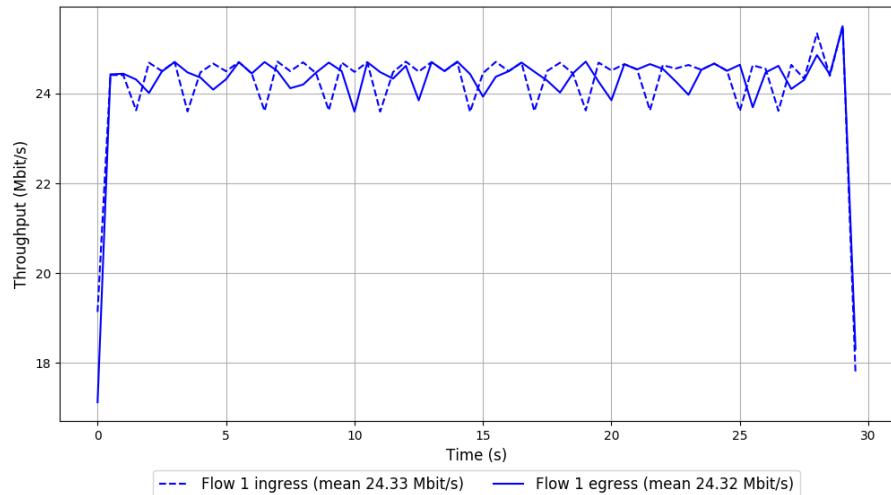


Run 6: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 00:39:31 +0000
End at: Tue, 25 Jul 2017 00:40:01 +0000
Local clock offset: 0.953 ms
Remote clock offset: -20.958 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 36.851 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 36.851 ms
Loss rate: 0.10%
```

Run 6: Report of Sprout — Data Link

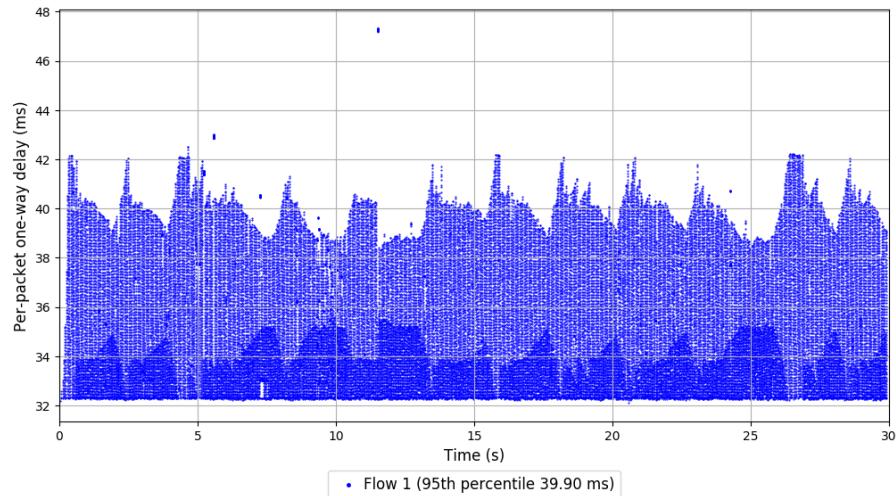
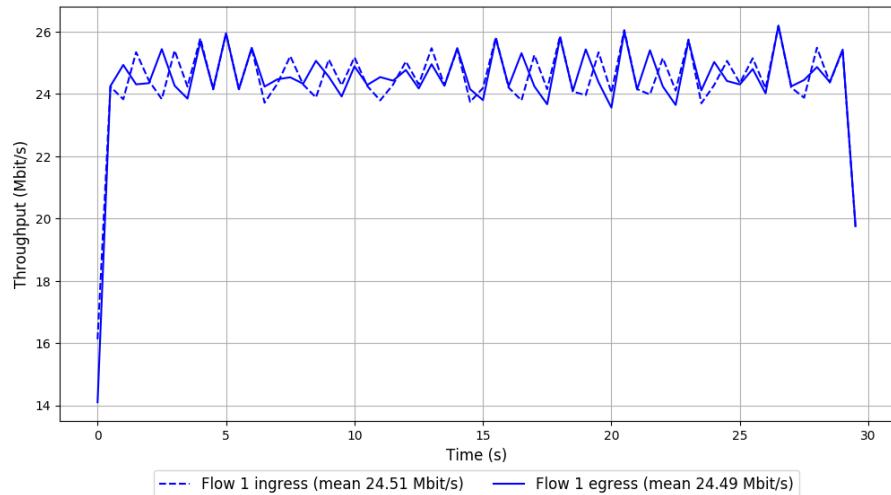


Run 7: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 00:57:28 +0000
End at: Tue, 25 Jul 2017 00:57:59 +0000
Local clock offset: 1.928 ms
Remote clock offset: -21.248 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 39.904 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 39.904 ms
Loss rate: 0.13%
```

### Run 7: Report of Sprout — Data Link

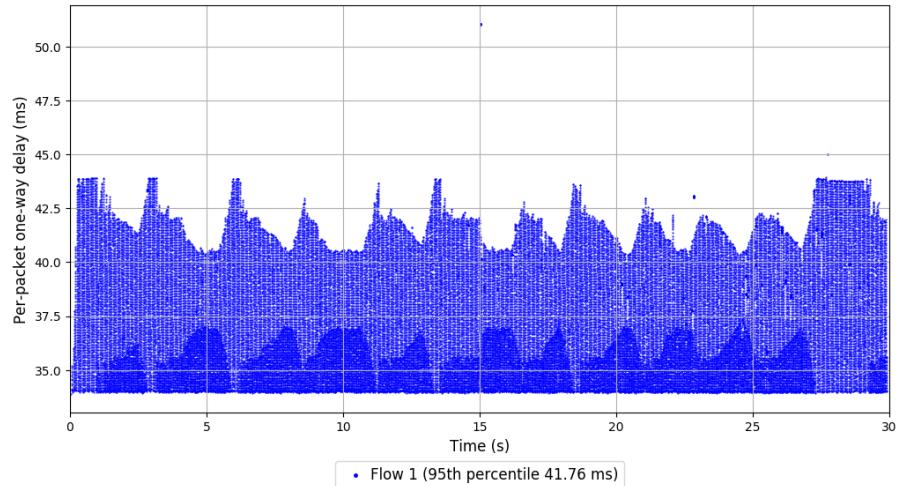
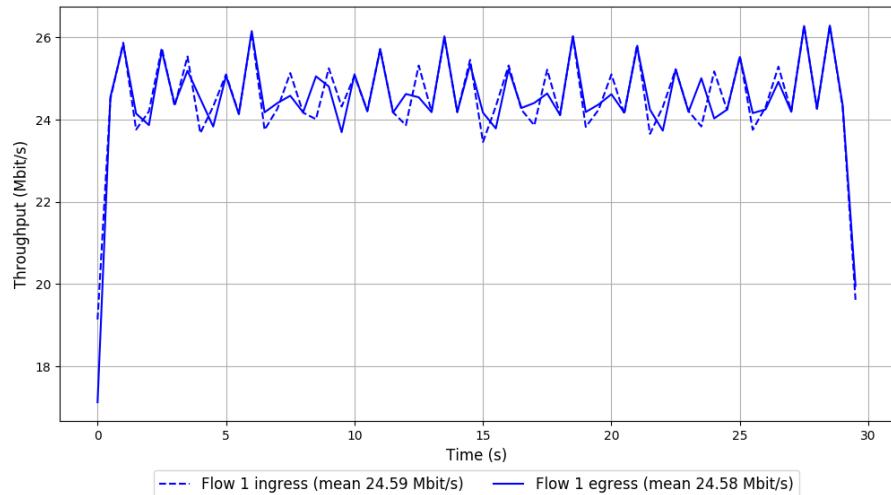


Run 8: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 01:15:37 +0000
End at: Tue, 25 Jul 2017 01:16:07 +0000
Local clock offset: 3.887 ms
Remote clock offset: -21.803 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 41.755 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 41.755 ms
Loss rate: 0.11%
```

Run 8: Report of Sprout — Data Link

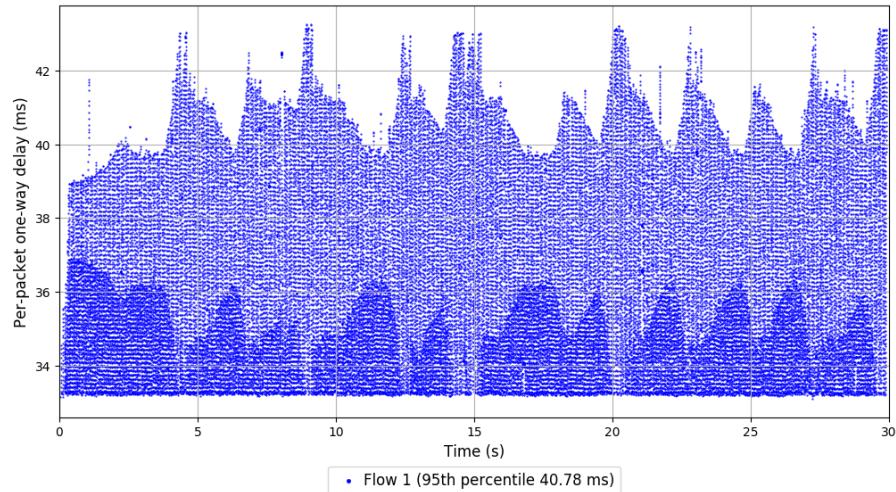
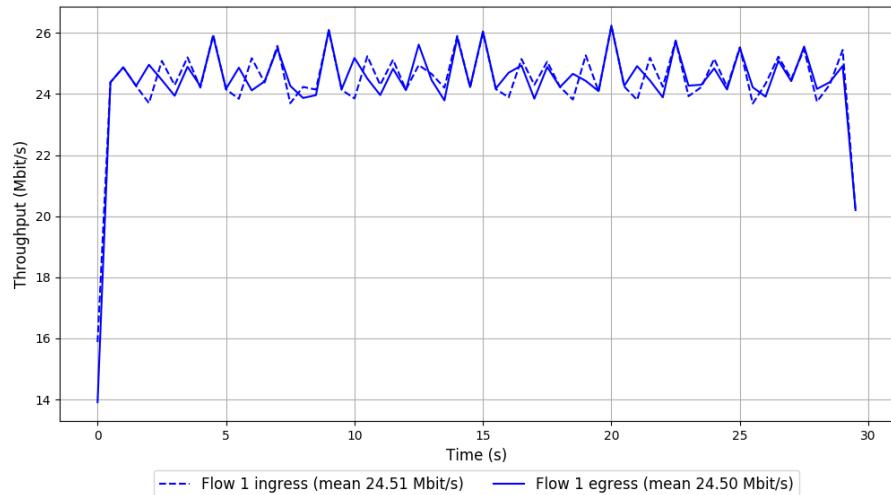


Run 9: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 01:33:45 +0000
End at: Tue, 25 Jul 2017 01:34:15 +0000
Local clock offset: 3.136 ms
Remote clock offset: -22.351 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 40.778 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 40.778 ms
Loss rate: 0.14%
```

Run 9: Report of Sprout — Data Link

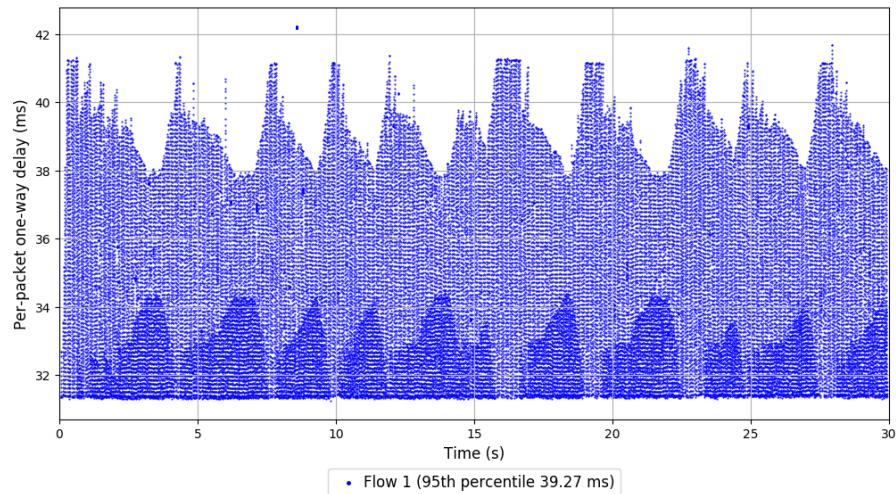
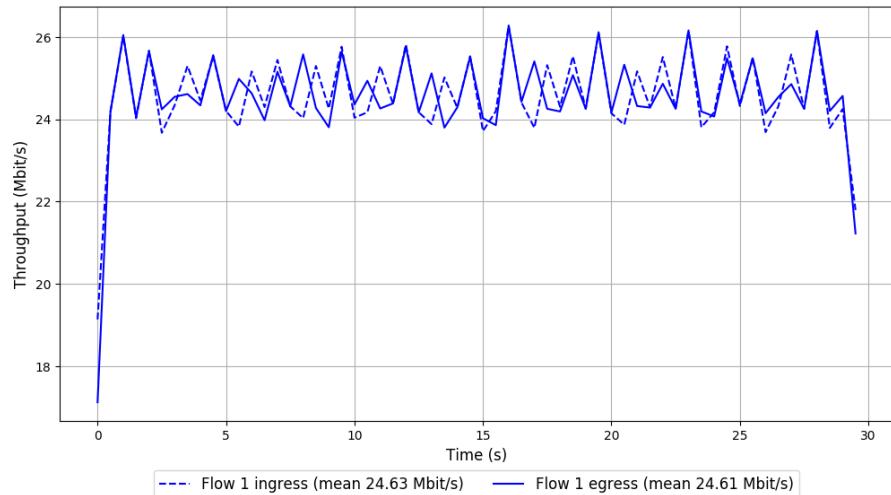


Run 10: Statistics of Sprout

```
Start at: Tue, 25 Jul 2017 01:51:25 +0000
End at: Tue, 25 Jul 2017 01:51:55 +0000
Local clock offset: 1.482 ms
Remote clock offset: -23.052 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:46:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 39.273 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 39.273 ms
Loss rate: 0.13%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:05:19 +0000

End at: Mon, 24 Jul 2017 23:05:49 +0000

Local clock offset: 1.443 ms

Remote clock offset: -22.641 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:47:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 36.844 ms

Loss rate: 0.09%

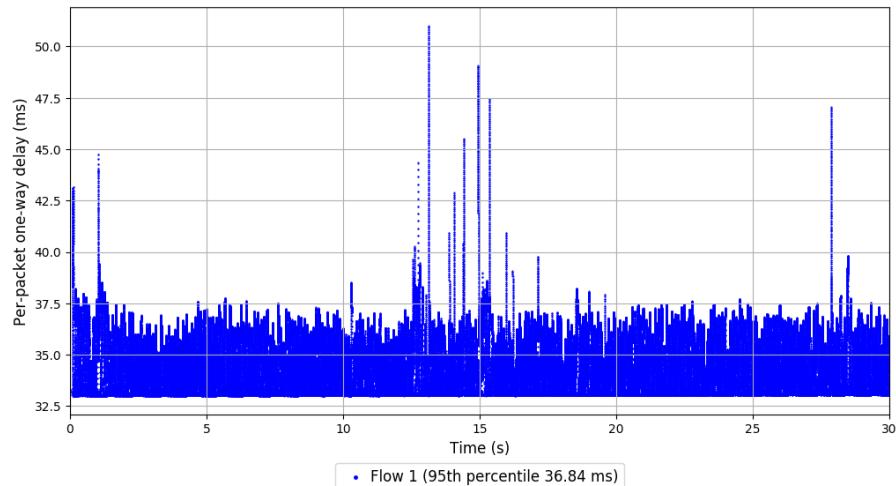
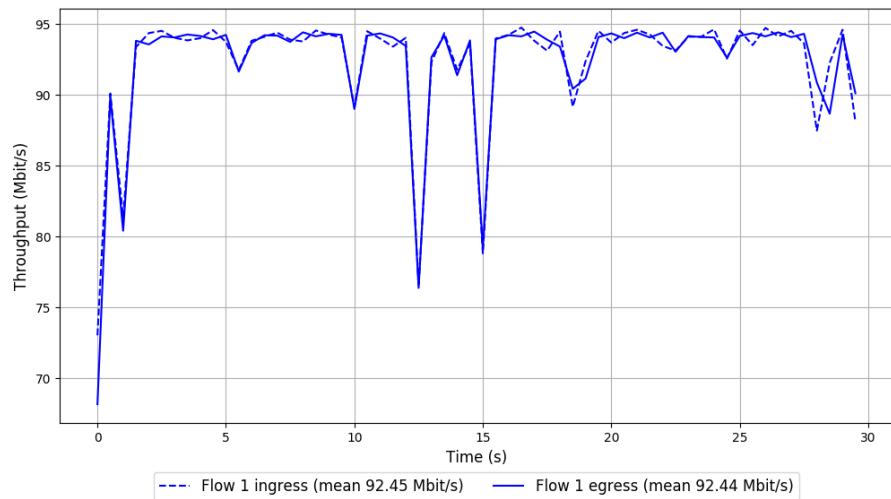
-- Flow 1:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 36.844 ms

Loss rate: 0.09%

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

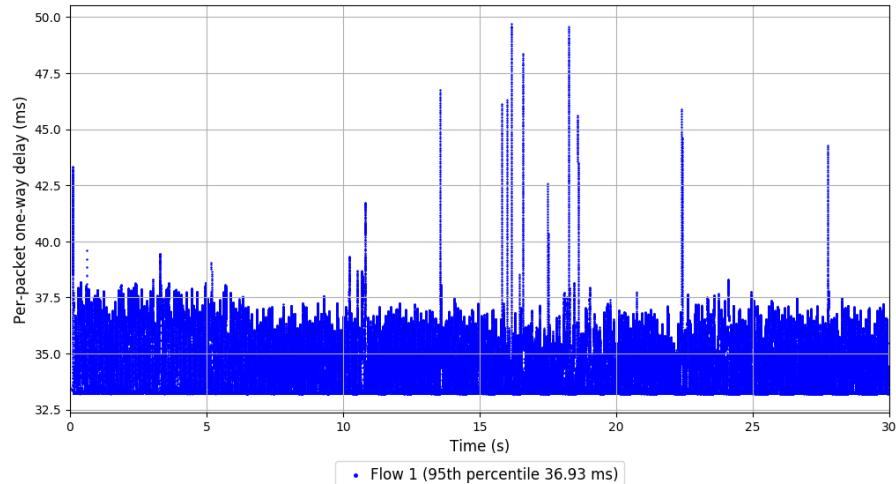
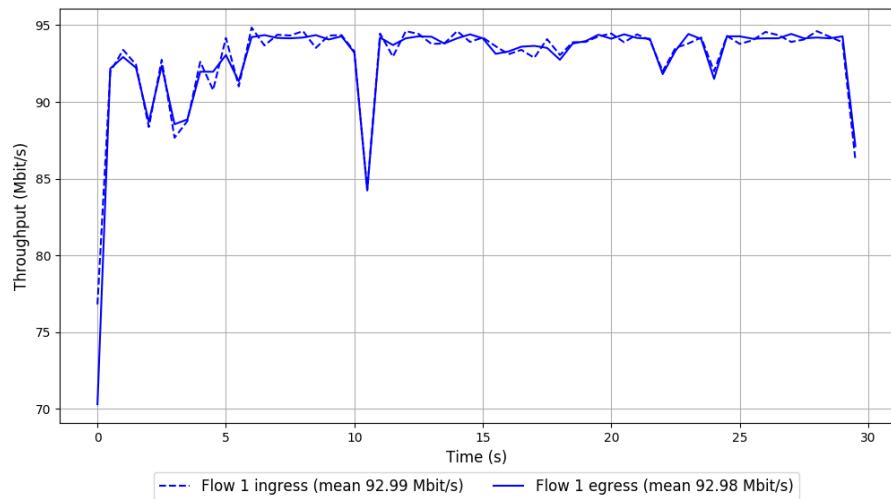


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 23:23:08 +0000
End at: Mon, 24 Jul 2017 23:23:38 +0000
Local clock offset: 2.306 ms
Remote clock offset: -21.375 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:47:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 36.926 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 36.926 ms
Loss rate: 0.10%
```

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

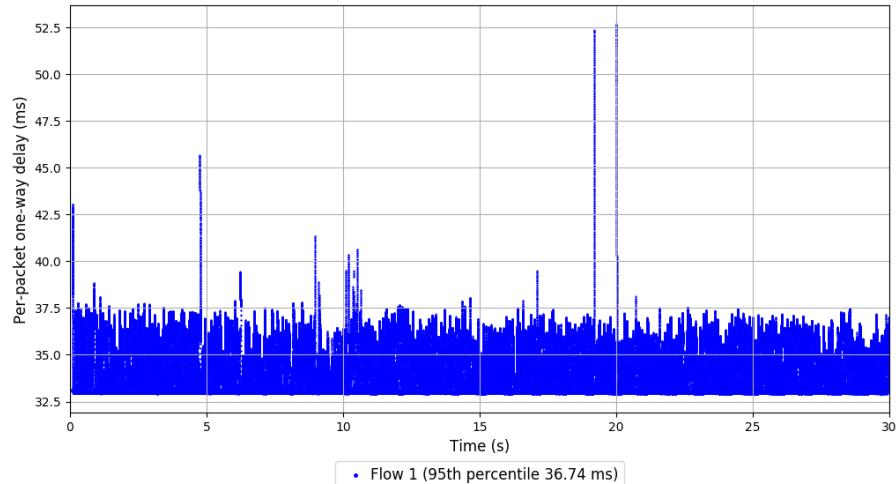
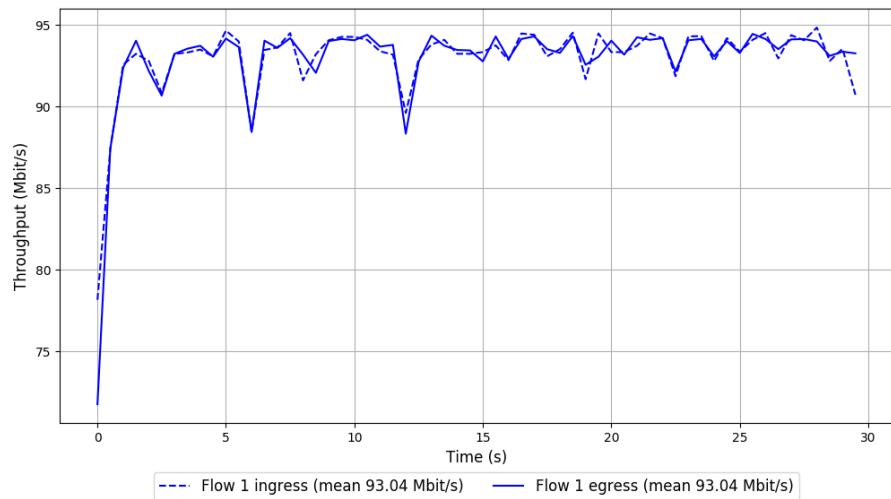


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 23:40:51 +0000
End at: Mon, 24 Jul 2017 23:41:21 +0000
Local clock offset: 2.784 ms
Remote clock offset: -21.214 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:47:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 36.744 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 36.744 ms
Loss rate: 0.08%
```

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

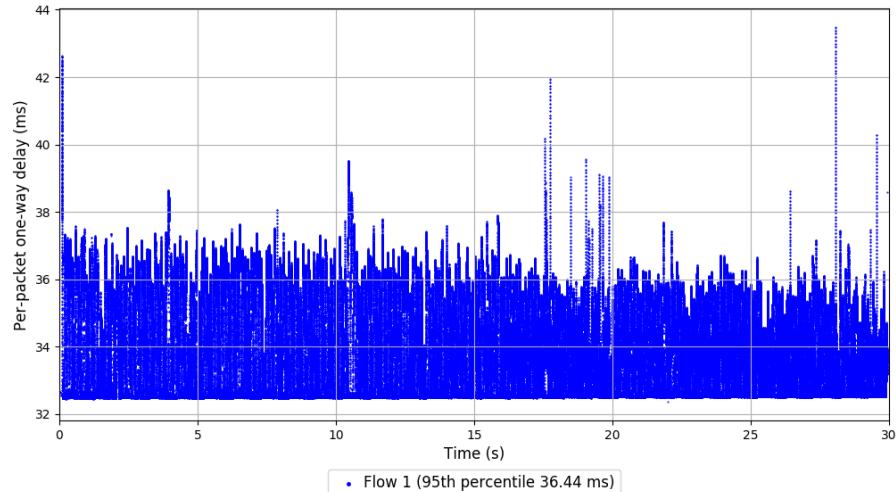
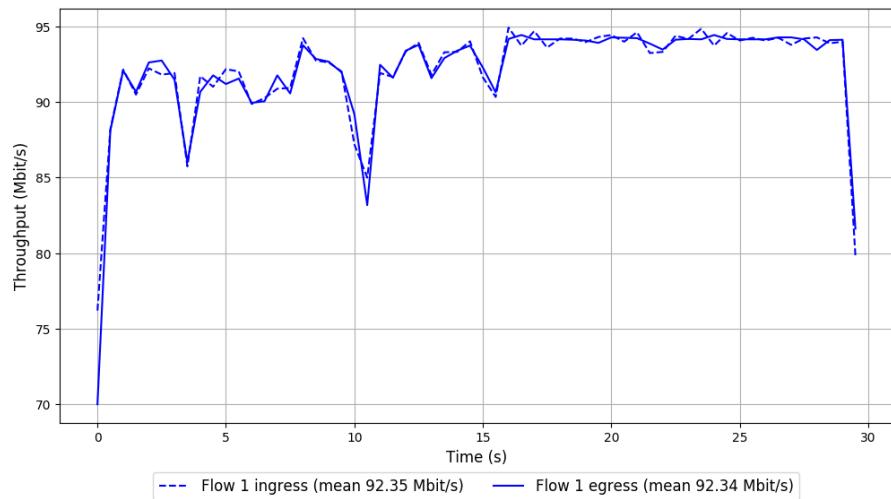


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 23:58:42 +0000
End at: Mon, 24 Jul 2017 23:59:12 +0000
Local clock offset: 3.239 ms
Remote clock offset: -19.319 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:47:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 36.444 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 36.444 ms
Loss rate: 0.09%
```

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

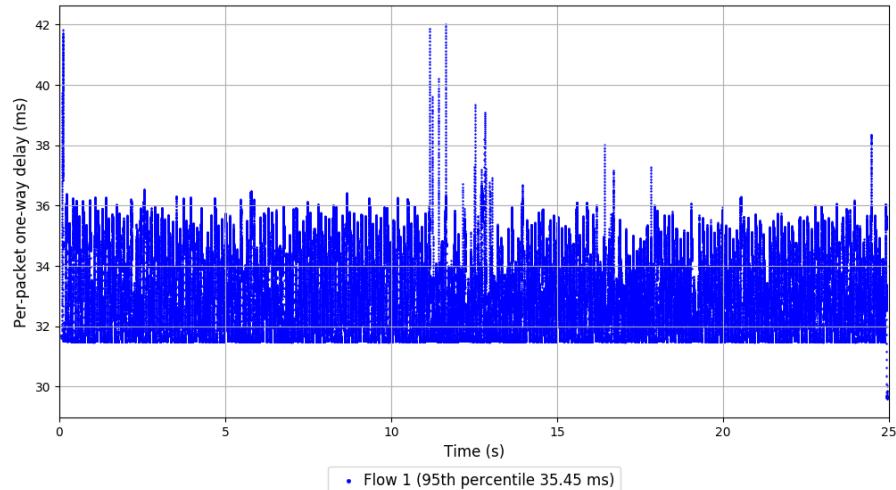
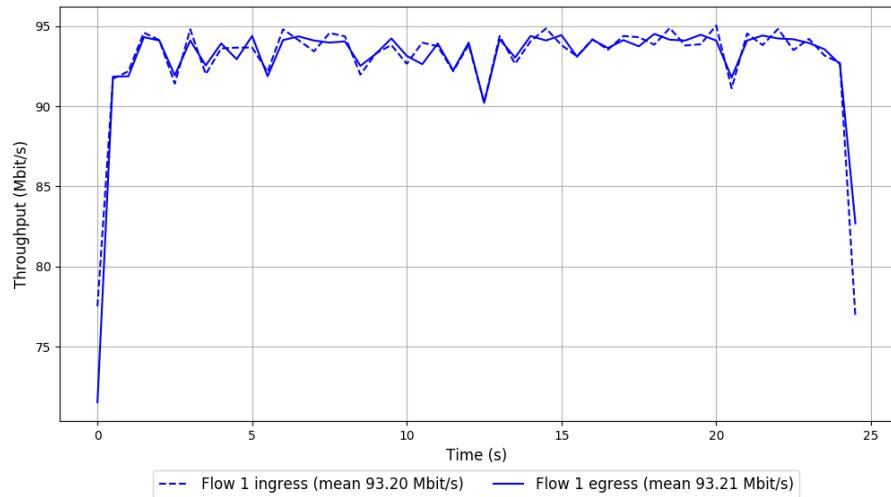


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 25 Jul 2017 00:16:49 +0000
End at: Tue, 25 Jul 2017 00:17:19 +0000
Local clock offset: 1.762 ms
Remote clock offset: -18.64 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:47:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 35.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 35.453 ms
Loss rate: 0.00%
```

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

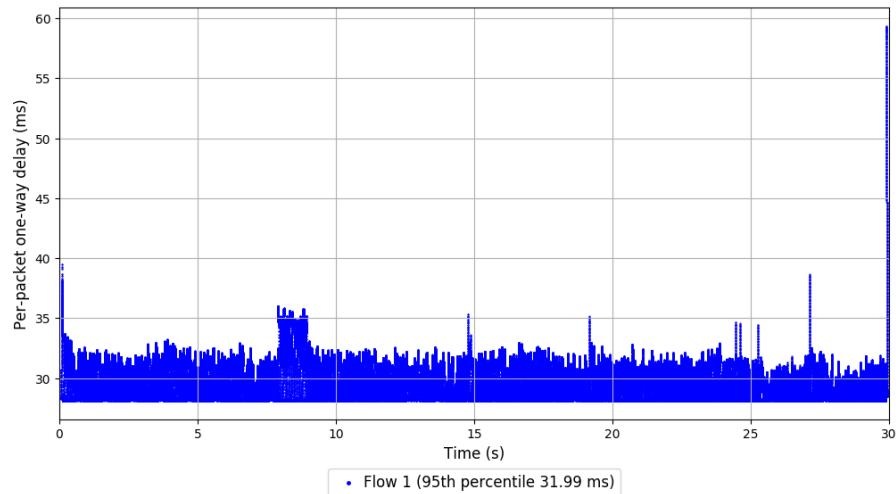
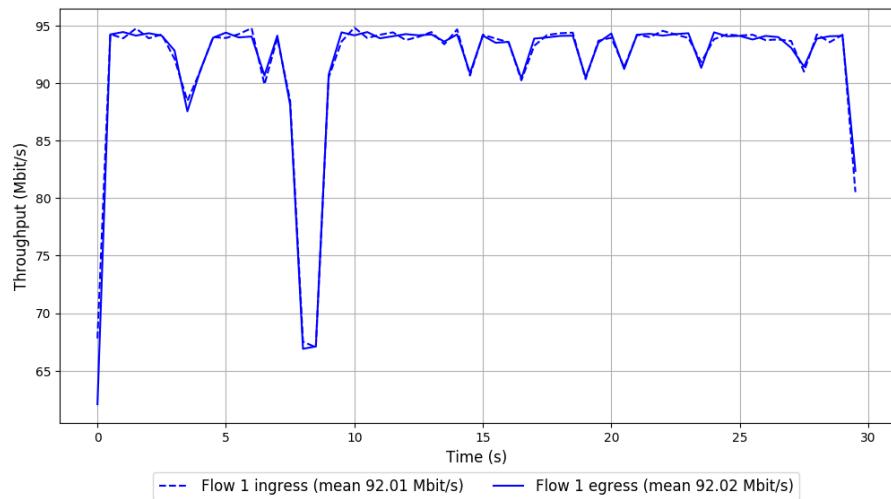


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 25 Jul 2017 00:34:35 +0000
End at: Tue, 25 Jul 2017 00:35:05 +0000
Local clock offset: -0.623 ms
Remote clock offset: -18.917 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 31.990 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 31.990 ms
Loss rate: 0.06%
```

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

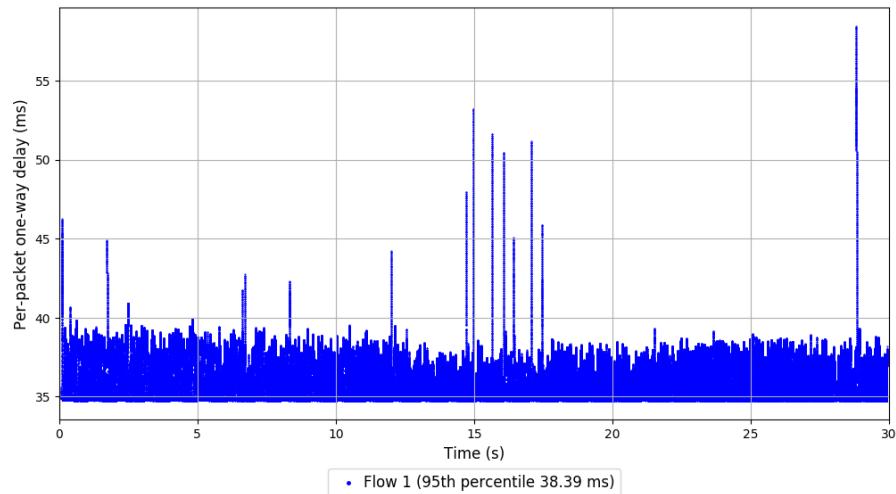
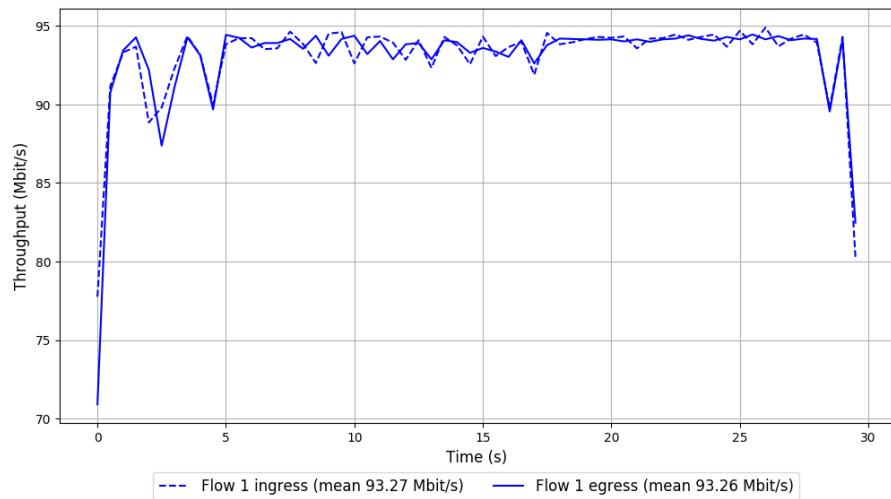


Run 7: Statistics of TaoVA-100x

```
Start at: Tue, 25 Jul 2017 00:52:28 +0000
End at: Tue, 25 Jul 2017 00:52:58 +0000
Local clock offset: 4.764 ms
Remote clock offset: -20.834 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 38.386 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 38.386 ms
Loss rate: 0.09%
```

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

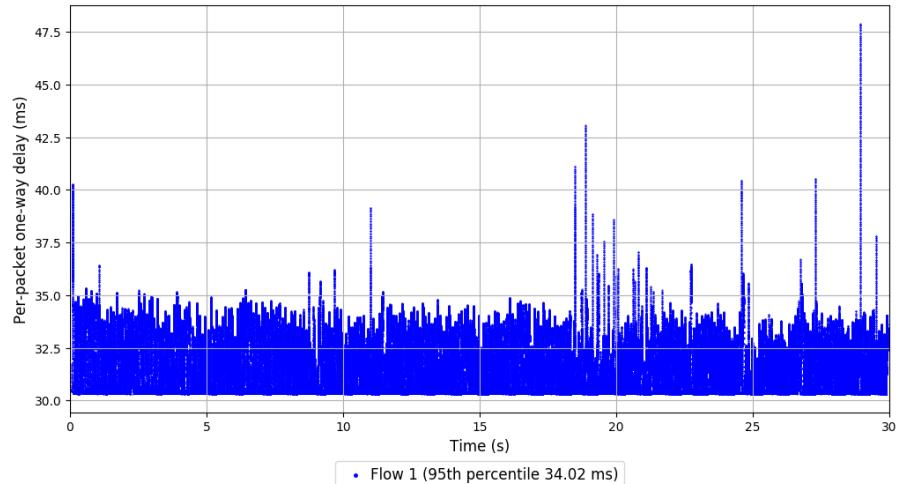
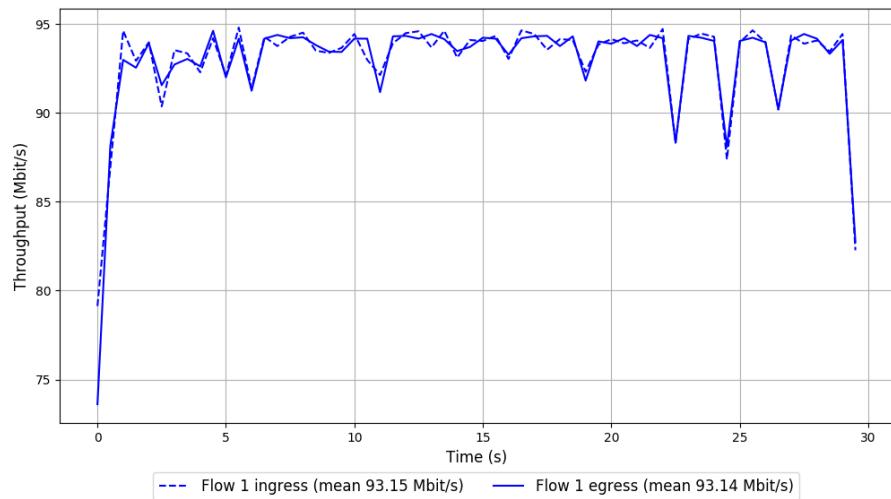


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 25 Jul 2017 01:10:41 +0000
End at: Tue, 25 Jul 2017 01:11:11 +0000
Local clock offset: -0.834 ms
Remote clock offset: -22.735 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 34.017 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 34.017 ms
Loss rate: 0.10%
```

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

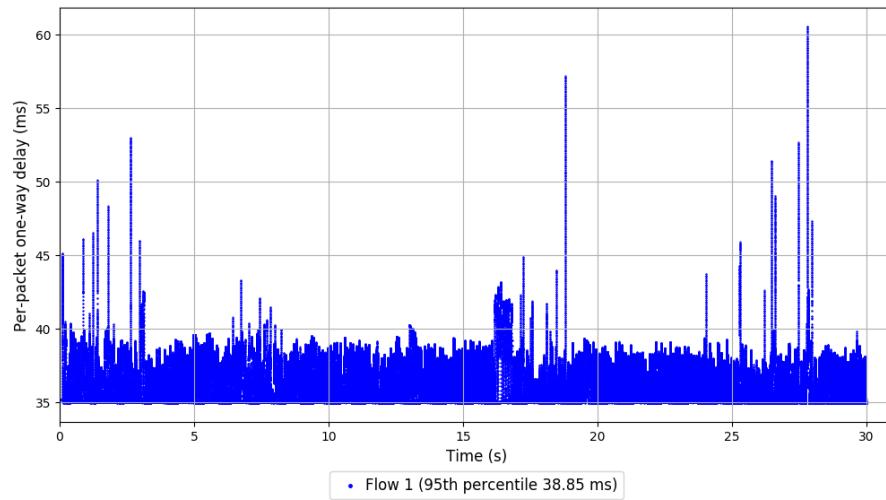
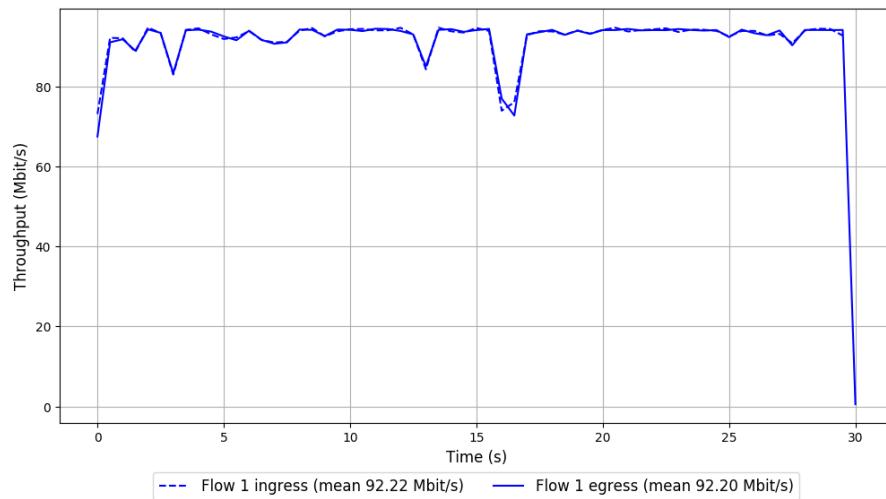


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 25 Jul 2017 01:28:43 +0000
End at: Tue, 25 Jul 2017 01:29:13 +0000
Local clock offset: 4.628 ms
Remote clock offset: -22.45 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 38.855 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 38.855 ms
Loss rate: 0.09%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:46:34 +0000

End at: Tue, 25 Jul 2017 01:47:04 +0000

Local clock offset: 4.739 ms

Remote clock offset: -22.687 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.41 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.12%

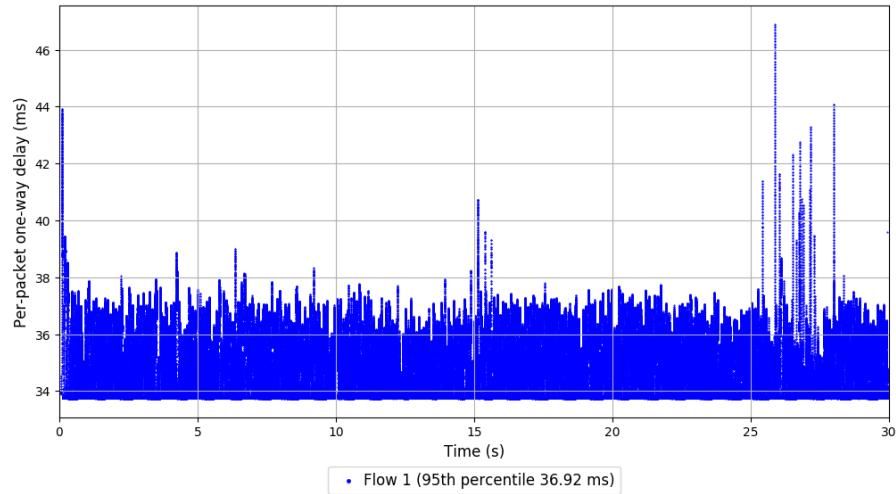
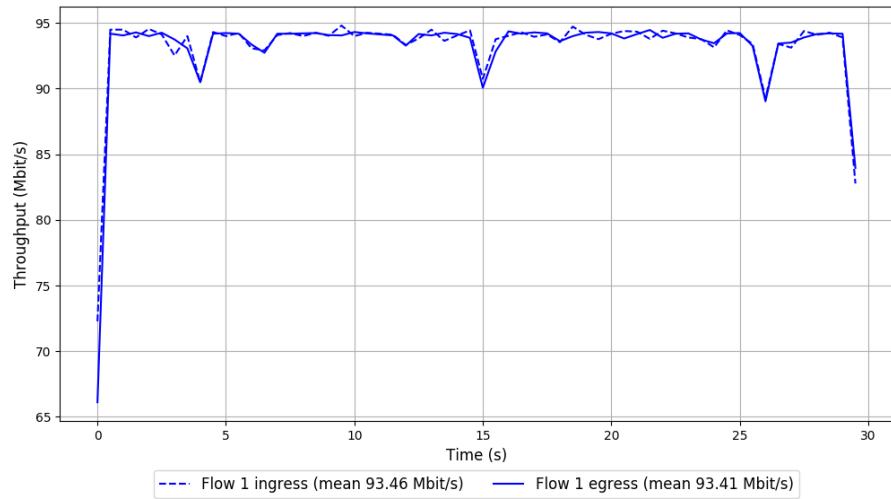
-- Flow 1:

Average throughput: 93.41 Mbit/s

95th percentile per-packet one-way delay: 36.923 ms

Loss rate: 0.12%

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

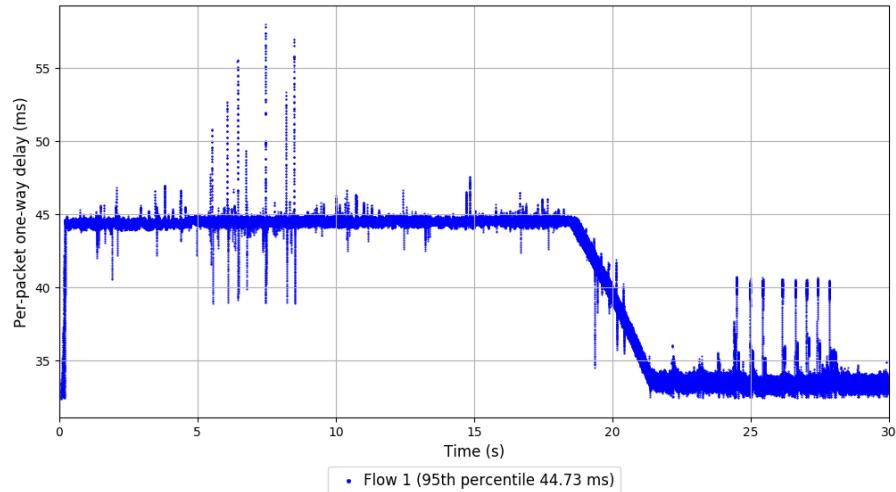
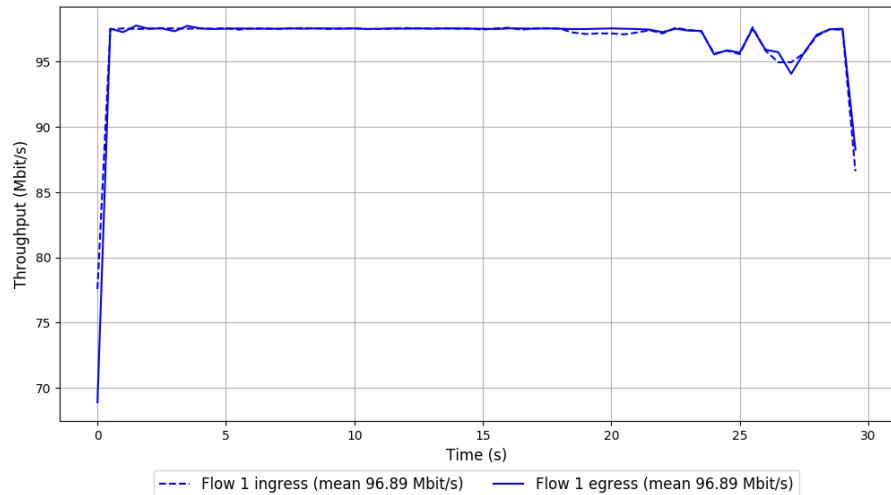


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 23:04:03 +0000
End at: Mon, 24 Jul 2017 23:04:33 +0000
Local clock offset: 1.673 ms
Remote clock offset: -21.965 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 44.735 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 44.735 ms
Loss rate: 0.08%
```

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

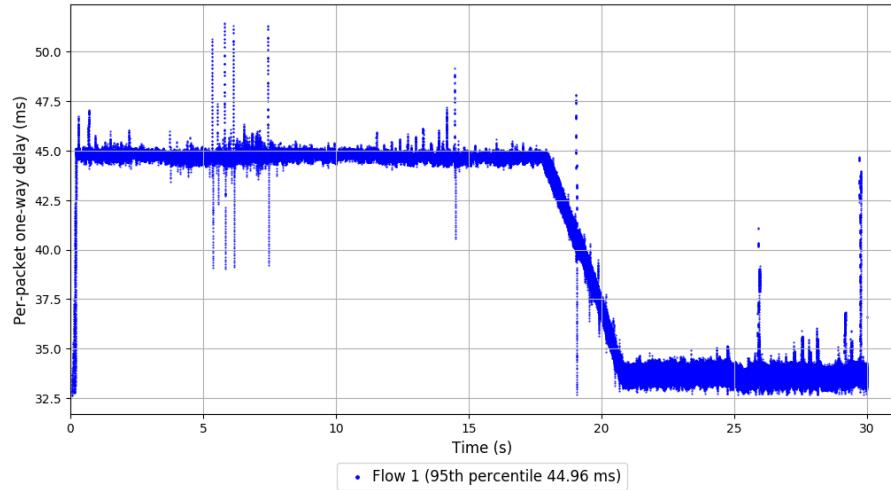
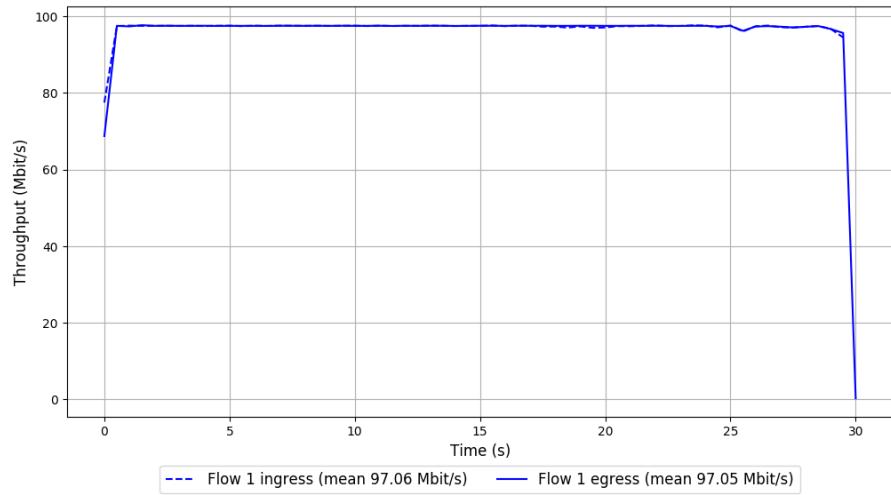


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 23:21:54 +0000
End at: Mon, 24 Jul 2017 23:22:24 +0000
Local clock offset: 1.886 ms
Remote clock offset: -21.231 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:48:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 44.958 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 44.958 ms
Loss rate: 0.09%
```

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

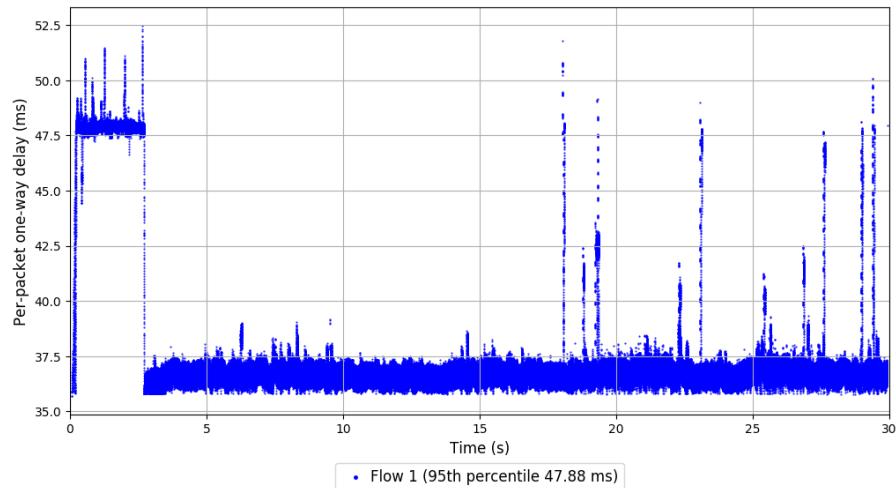
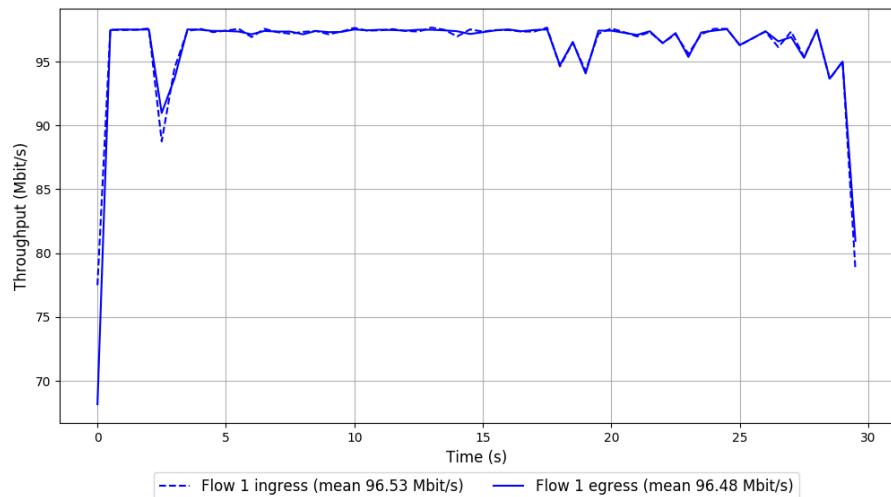


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 23:39:41 +0000
End at: Mon, 24 Jul 2017 23:40:11 +0000
Local clock offset: 4.25 ms
Remote clock offset: -22.561 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 47.876 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 47.876 ms
Loss rate: 0.10%
```

Run 3: Report of TCP Vegas — Data Link

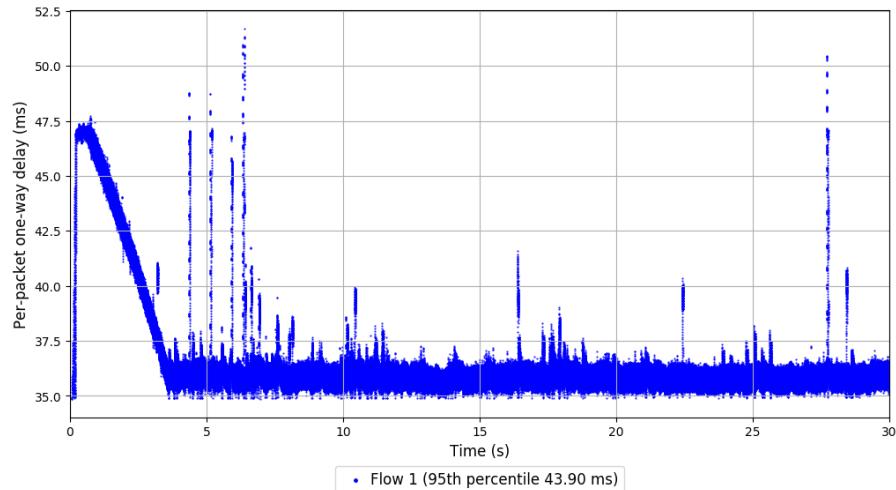
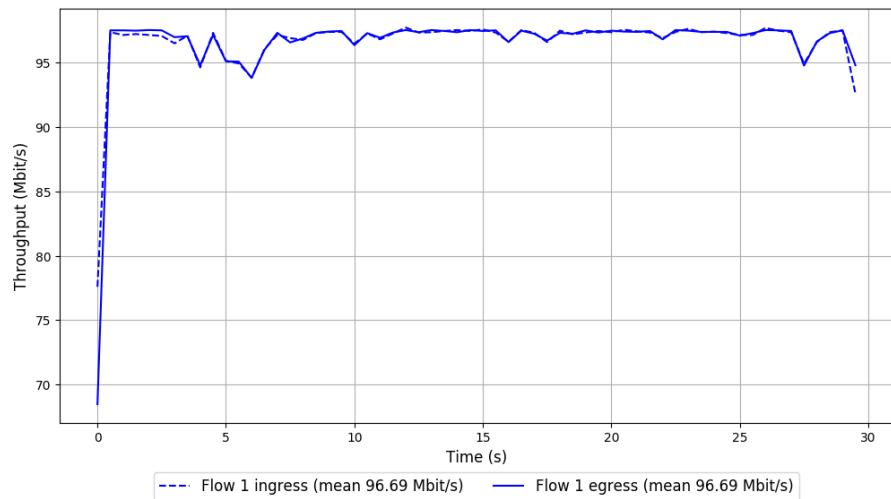


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 23:57:29 +0000
End at: Mon, 24 Jul 2017 23:57:59 +0000
Local clock offset: 5.121 ms
Remote clock offset: -19.942 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 43.901 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 43.901 ms
Loss rate: 0.08%
```

Run 4: Report of TCP Vegas — Data Link

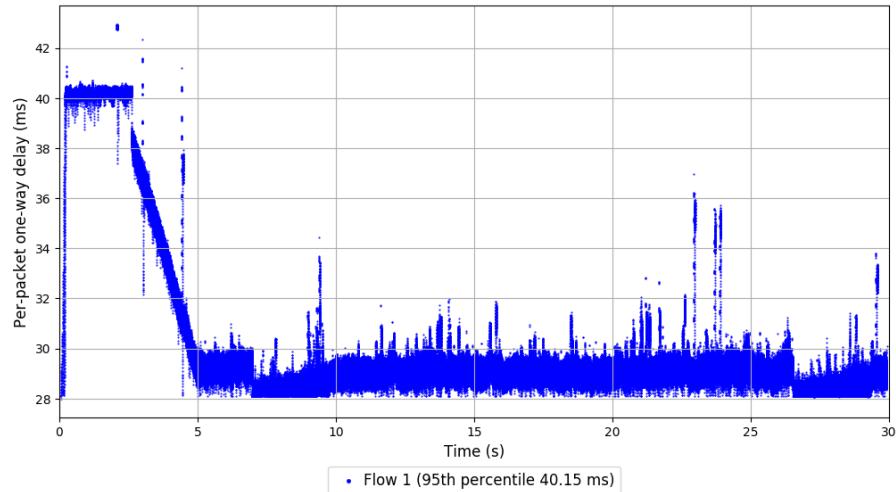
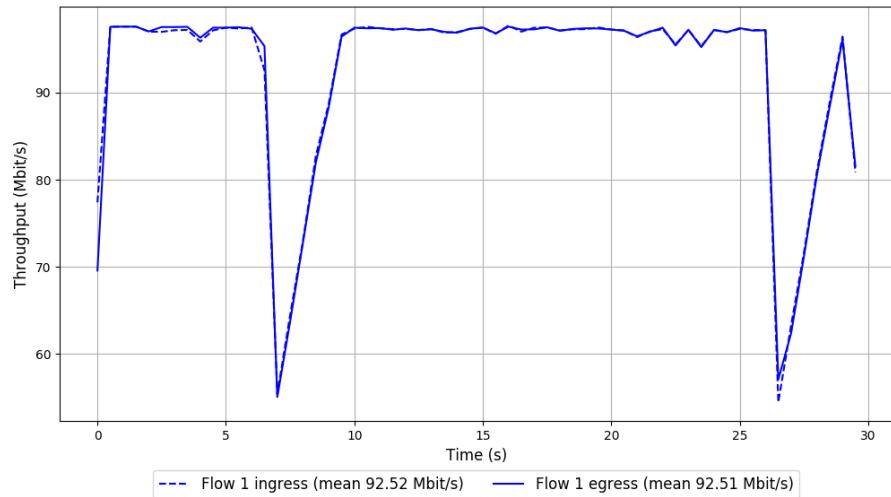


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 00:15:37 +0000
End at: Tue, 25 Jul 2017 00:16:07 +0000
Local clock offset: -0.388 ms
Remote clock offset: -18.086 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 40.145 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 40.145 ms
Loss rate: 0.09%
```

Run 5: Report of TCP Vegas — Data Link

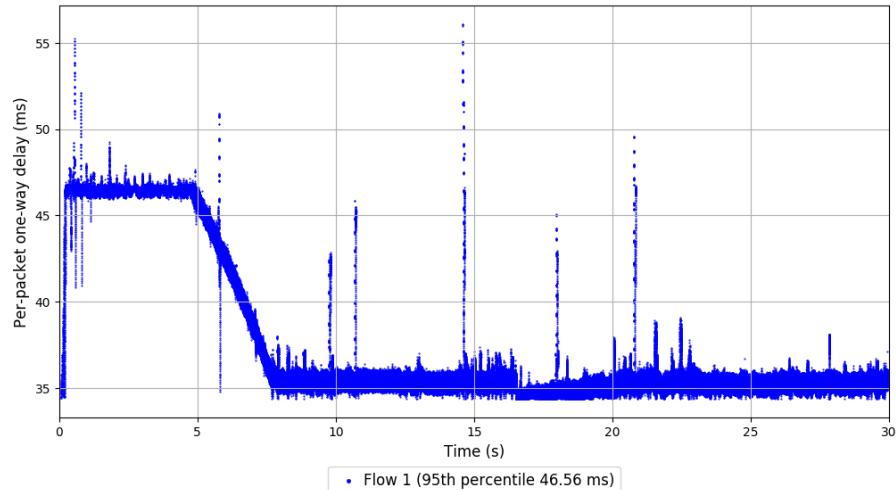
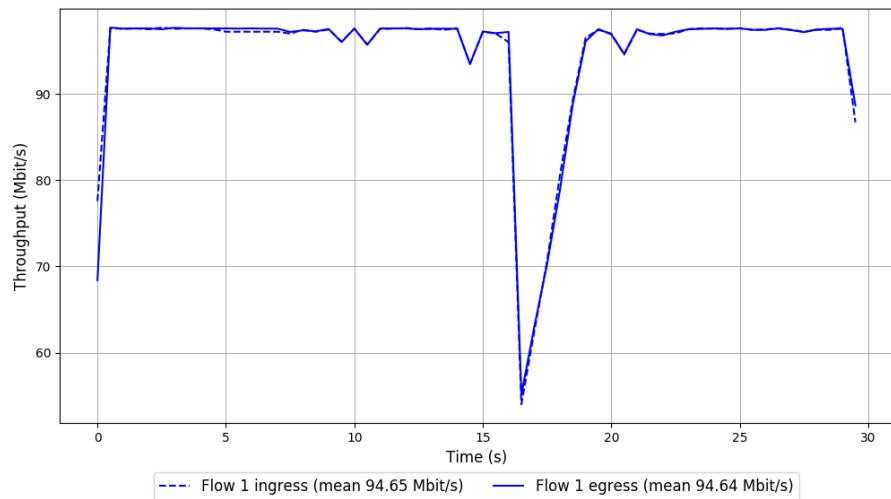


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 00:33:22 +0000
End at: Tue, 25 Jul 2017 00:33:52 +0000
Local clock offset: 4.802 ms
Remote clock offset: -19.7 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 46.561 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 46.561 ms
Loss rate: 0.09%
```

Run 6: Report of TCP Vegas — Data Link

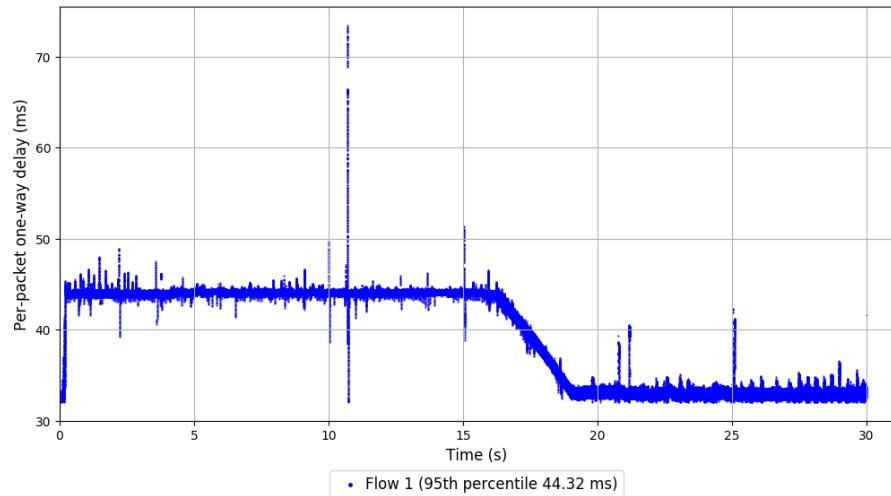
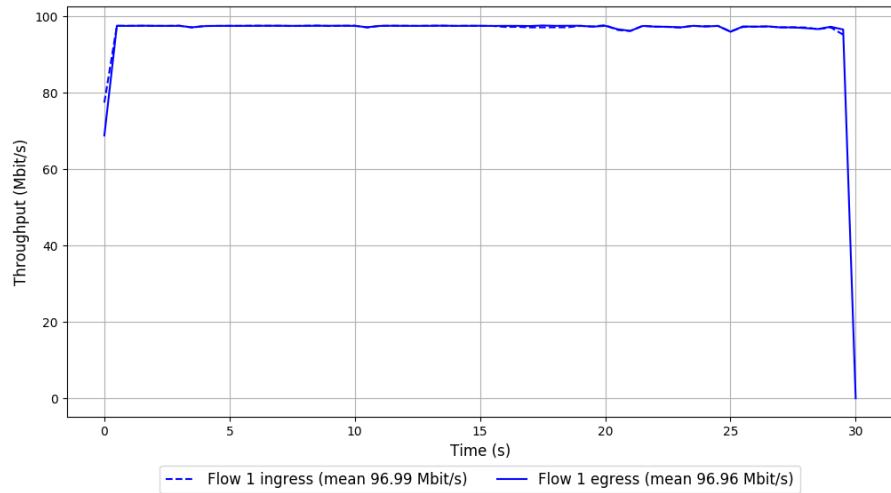


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 00:51:15 +0000
End at: Tue, 25 Jul 2017 00:51:45 +0000
Local clock offset: 2.779 ms
Remote clock offset: -20.1 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 44.324 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 44.324 ms
Loss rate: 0.09%
```

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

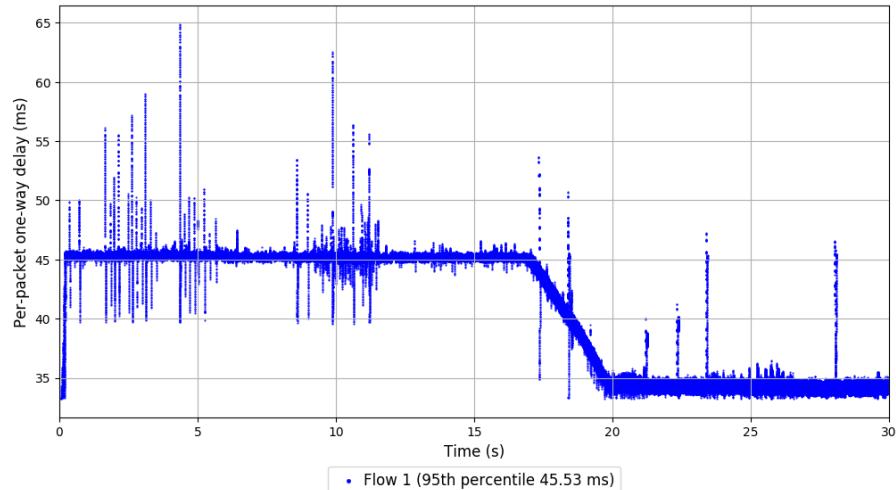
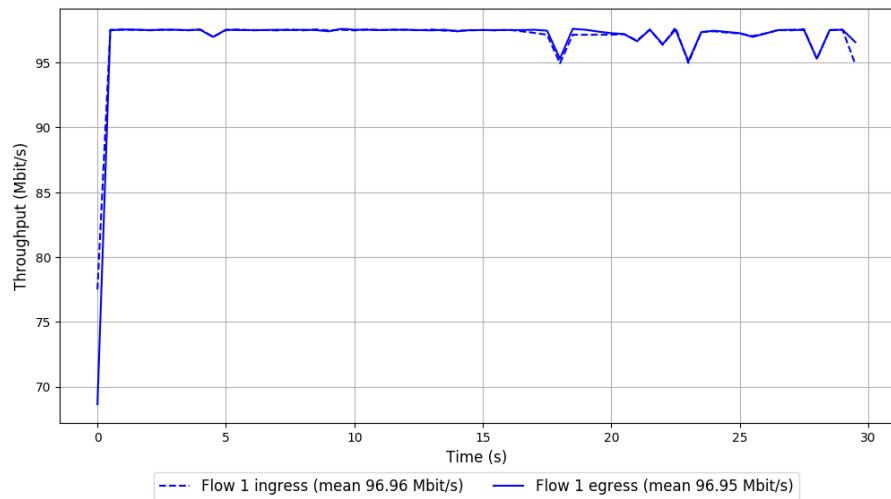


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 01:09:29 +0000
End at: Tue, 25 Jul 2017 01:09:59 +0000
Local clock offset: 3.466 ms
Remote clock offset: -21.334 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 45.527 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 45.527 ms
Loss rate: 0.08%
```

Run 8: Report of TCP Vegas — Data Link

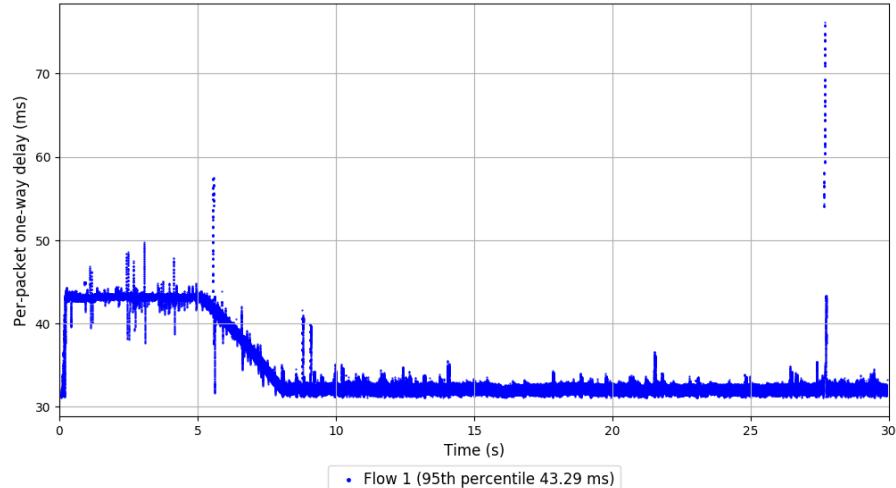
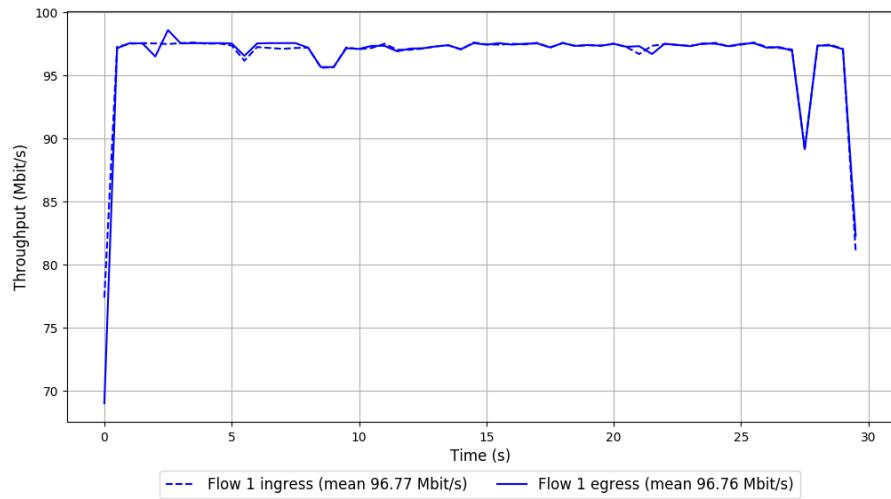


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 01:27:29 +0000
End at: Tue, 25 Jul 2017 01:27:59 +0000
Local clock offset: 1.33 ms
Remote clock offset: -21.846 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 43.287 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 43.287 ms
Loss rate: 0.09%
```

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

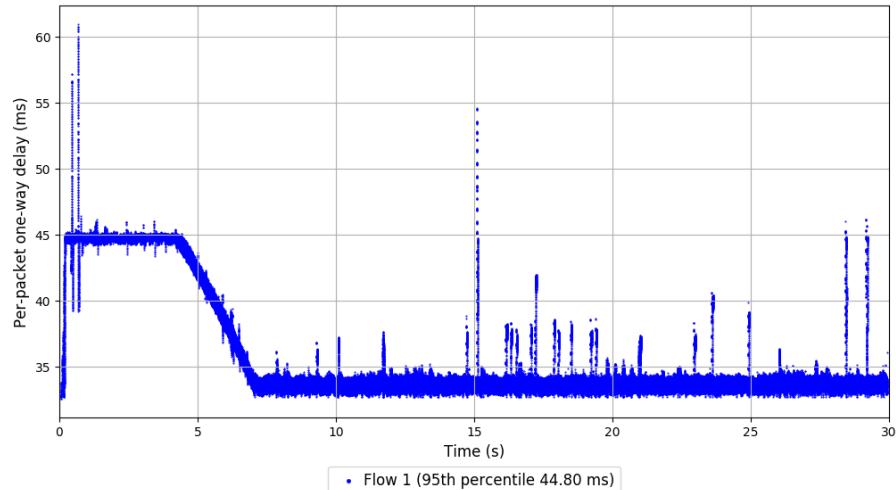
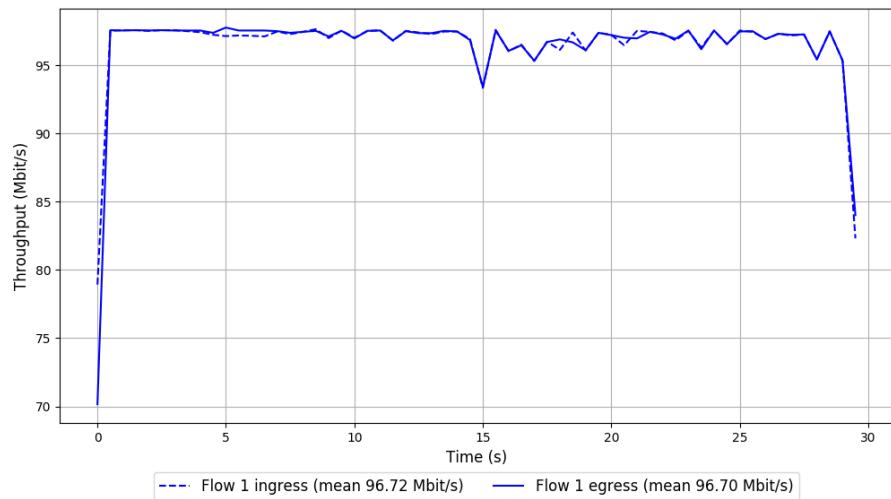


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 25 Jul 2017 01:45:21 +0000
End at: Tue, 25 Jul 2017 01:45:51 +0000
Local clock offset: 3.354 ms
Remote clock offset: -22.981 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link

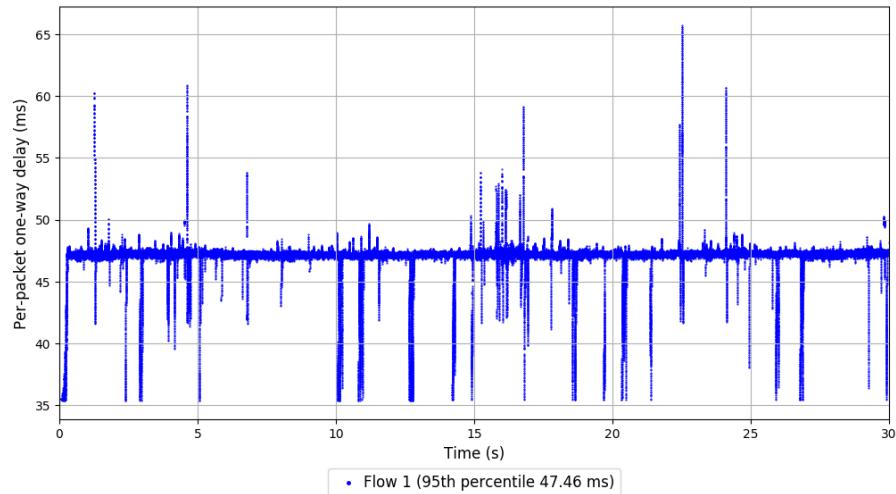
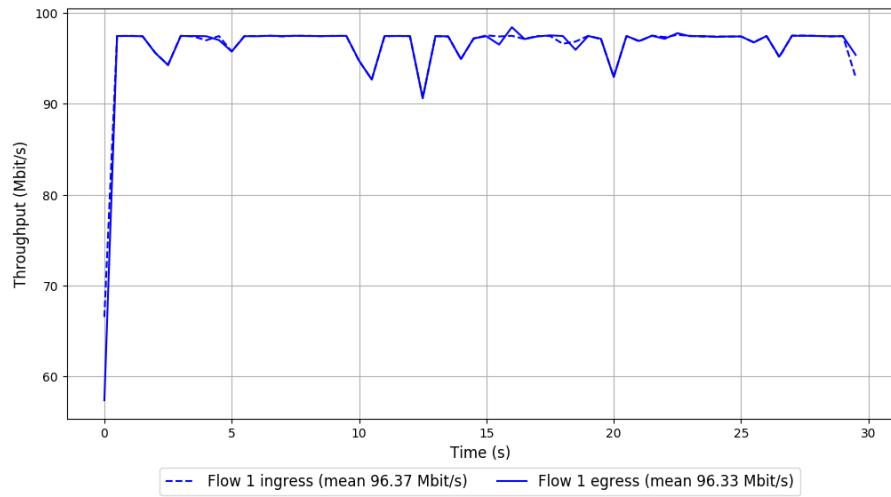


Run 1: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 23:07:45 +0000
End at: Mon, 24 Jul 2017 23:08:15 +0000
Local clock offset: 4.959 ms
Remote clock offset: -21.264 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:49:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 47.458 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 47.458 ms
Loss rate: 0.12%
```

Run 1: Report of Verus — Data Link

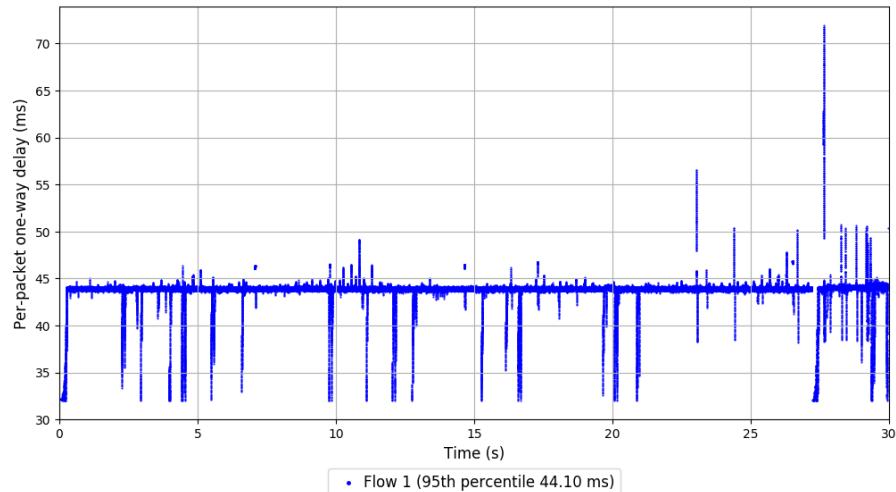
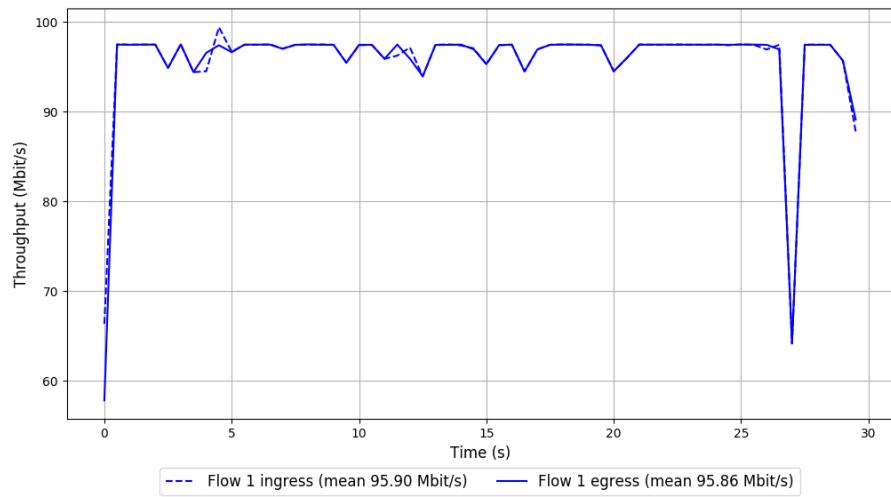


Run 2: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 23:25:32 +0000
End at: Mon, 24 Jul 2017 23:26:02 +0000
Local clock offset: 0.729 ms
Remote clock offset: -21.844 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 44.104 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 44.104 ms
Loss rate: 0.13%
```

## Run 2: Report of Verus — Data Link

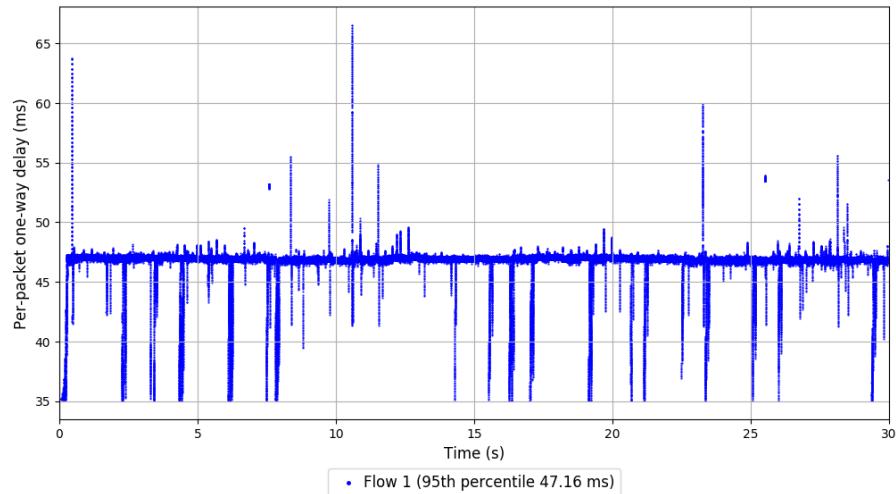
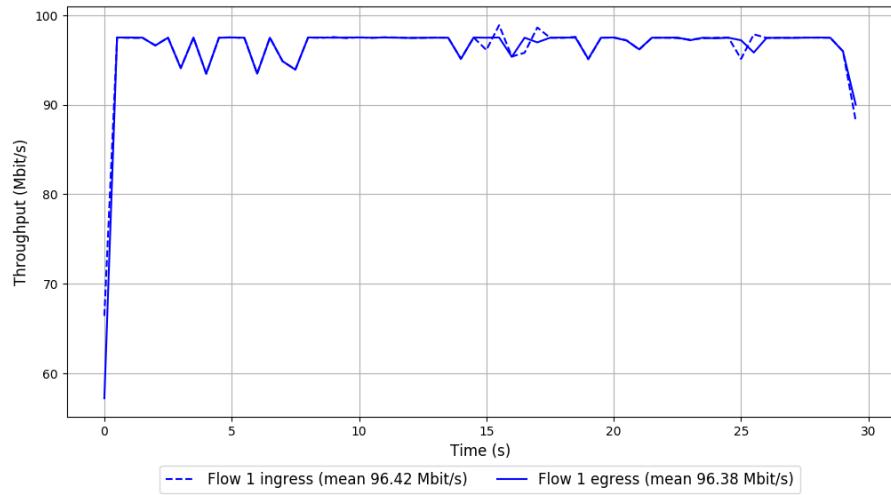


Run 3: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 23:43:22 +0000
End at: Mon, 24 Jul 2017 23:43:52 +0000
Local clock offset: 4.545 ms
Remote clock offset: -21.702 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 47.157 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 47.157 ms
Loss rate: 0.13%
```

Run 3: Report of Verus — Data Link

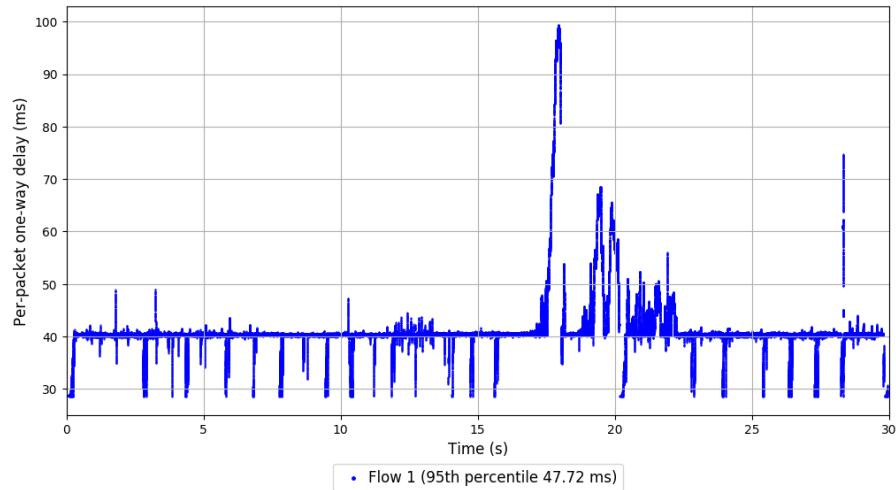
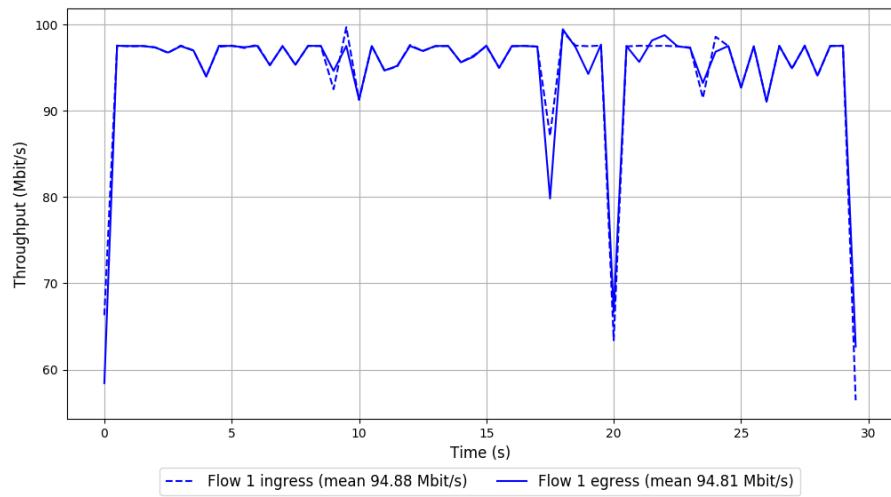


Run 4: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 00:01:08 +0000
End at: Tue, 25 Jul 2017 00:01:38 +0000
Local clock offset: -0.461 ms
Remote clock offset: -18.919 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 47.722 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 47.722 ms
Loss rate: 0.15%
```

### Run 4: Report of Verus — Data Link

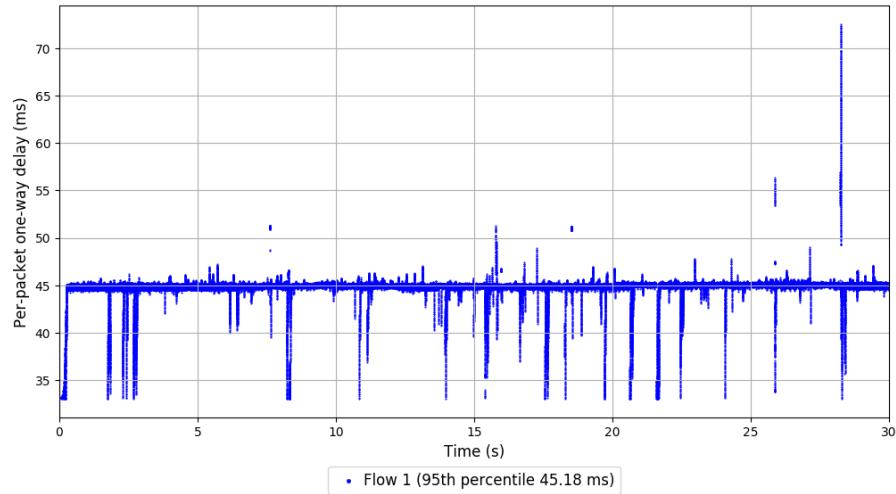
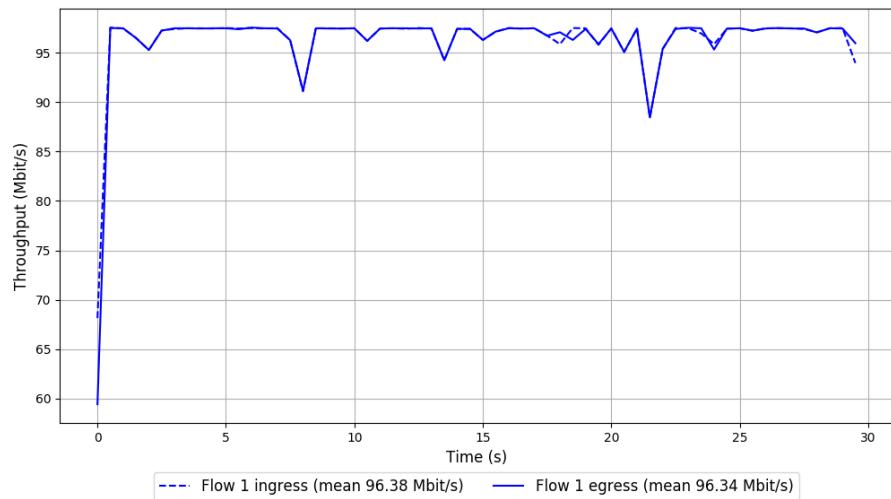


Run 5: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 00:19:14 +0000
End at: Tue, 25 Jul 2017 00:19:45 +0000
Local clock offset: 5.318 ms
Remote clock offset: -18.46 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 45.179 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 45.179 ms
Loss rate: 0.12%
```

Run 5: Report of Verus — Data Link

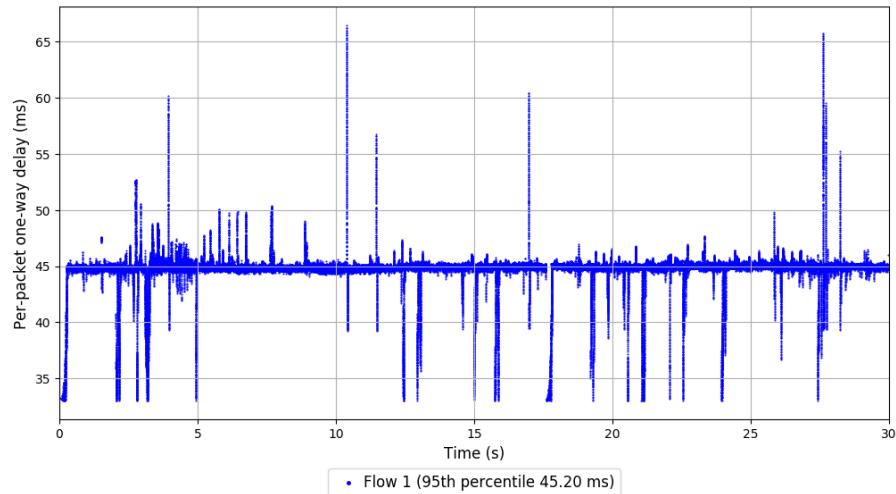
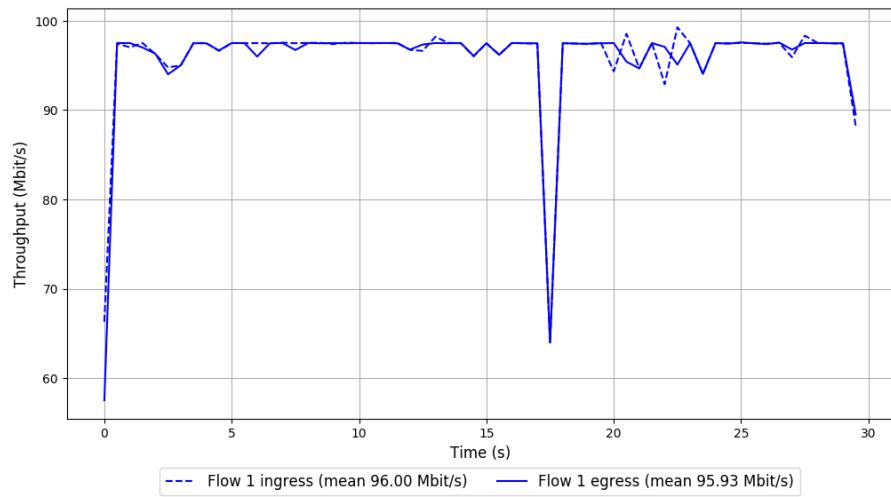


Run 6: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 00:37:02 +0000
End at: Tue, 25 Jul 2017 00:37:32 +0000
Local clock offset: 1.608 ms
Remote clock offset: -21.647 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 45.199 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 45.199 ms
Loss rate: 0.18%
```

Run 6: Report of Verus — Data Link

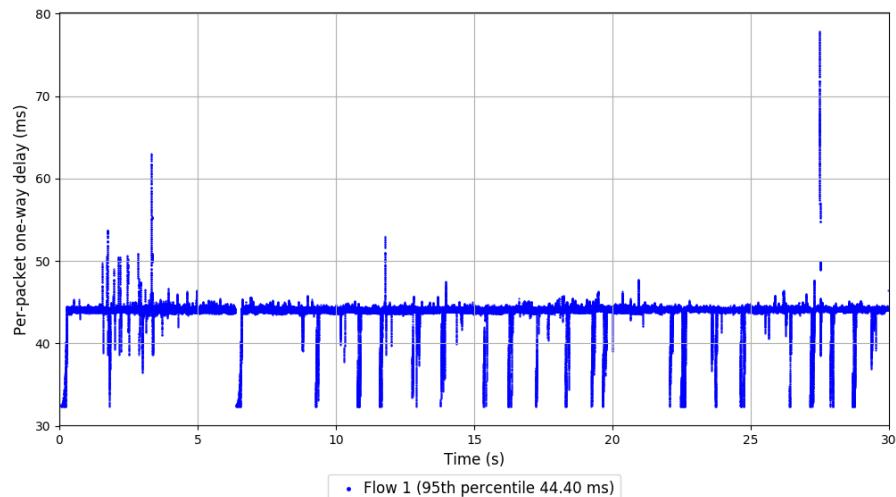
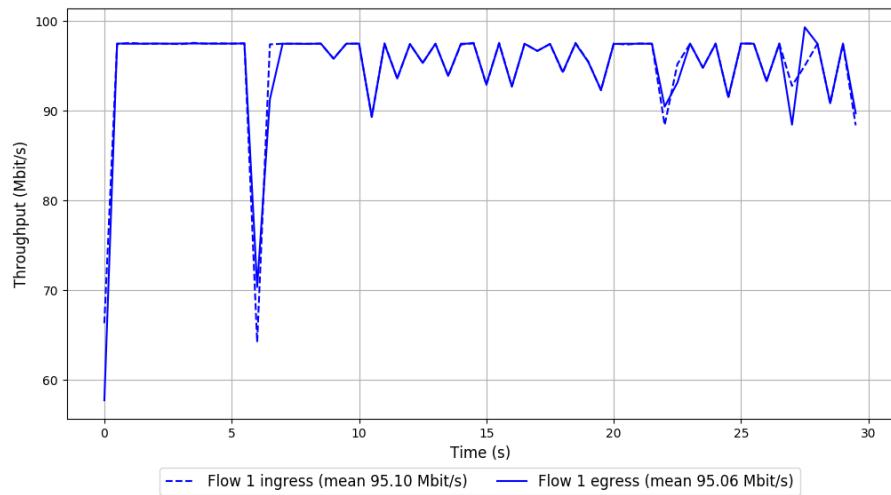


Run 7: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 00:54:58 +0000
End at: Tue, 25 Jul 2017 00:55:28 +0000
Local clock offset: 1.802 ms
Remote clock offset: -21.442 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 44.397 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 44.397 ms
Loss rate: 0.13%
```

Run 7: Report of Verus — Data Link

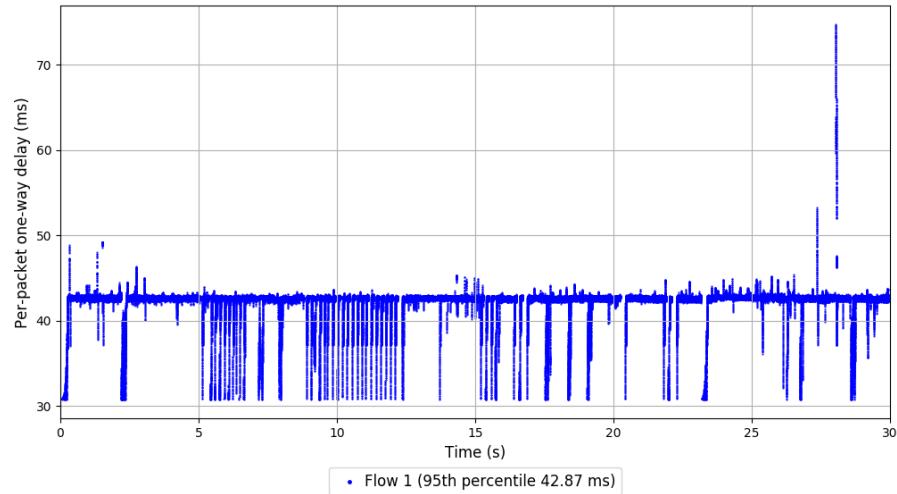
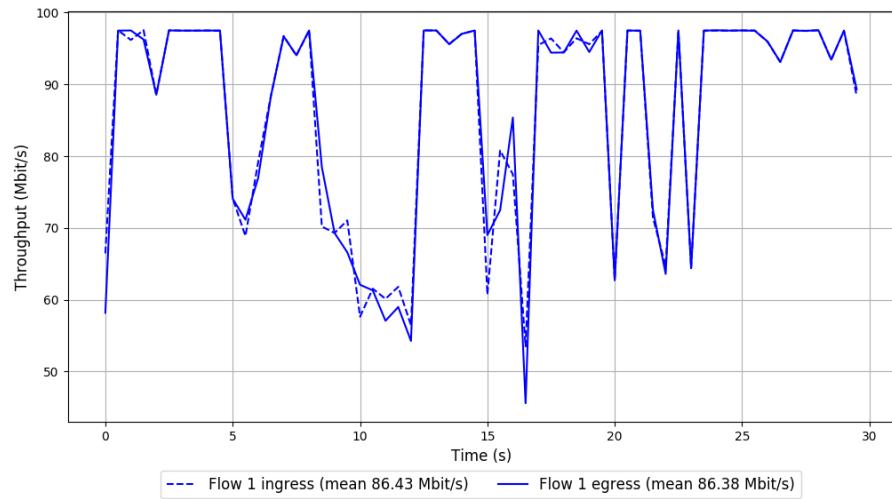


Run 8: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 01:13:09 +0000
End at: Tue, 25 Jul 2017 01:13:39 +0000
Local clock offset: 1.367 ms
Remote clock offset: -21.046 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 42.871 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 42.871 ms
Loss rate: 0.14%
```

Run 8: Report of Verus — Data Link

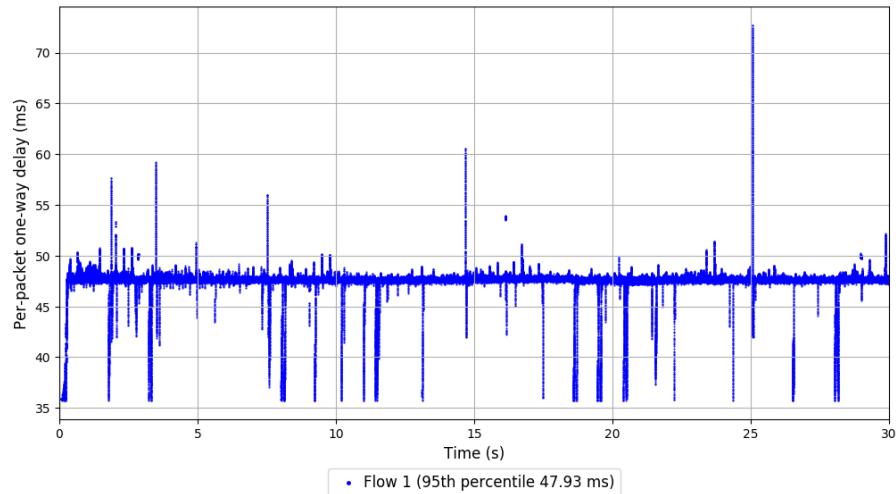
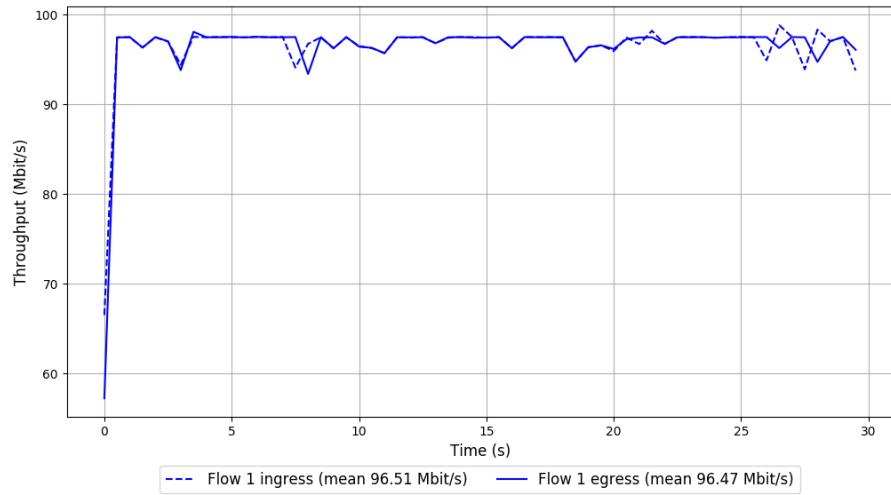


Run 9: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 01:31:09 +0000
End at: Tue, 25 Jul 2017 01:31:39 +0000
Local clock offset: 4.203 ms
Remote clock offset: -23.76 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 47.933 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 47.933 ms
Loss rate: 0.12%
```

Run 9: Report of Verus — Data Link

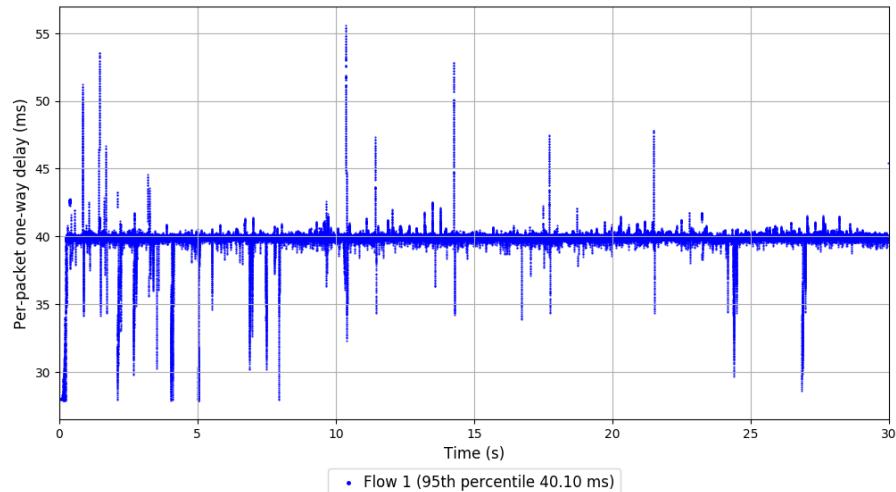
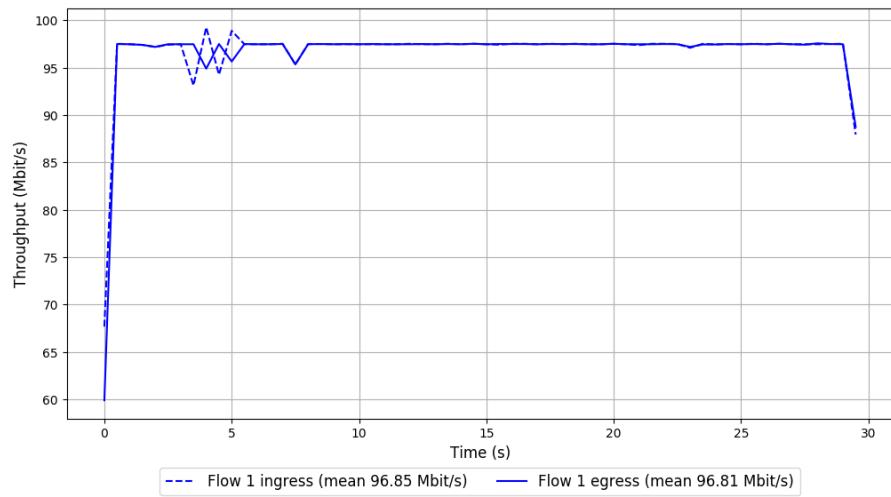


Run 10: Statistics of Verus

```
Start at: Tue, 25 Jul 2017 01:48:59 +0000
End at: Tue, 25 Jul 2017 01:49:29 +0000
Local clock offset: -1.454 ms
Remote clock offset: -22.823 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 40.104 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 40.104 ms
Loss rate: 0.12%
```

## Run 10: Report of Verus — Data Link

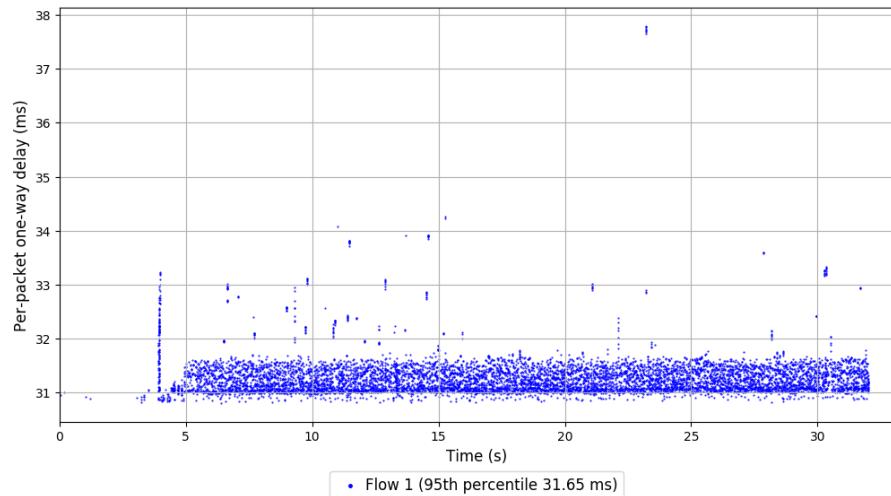
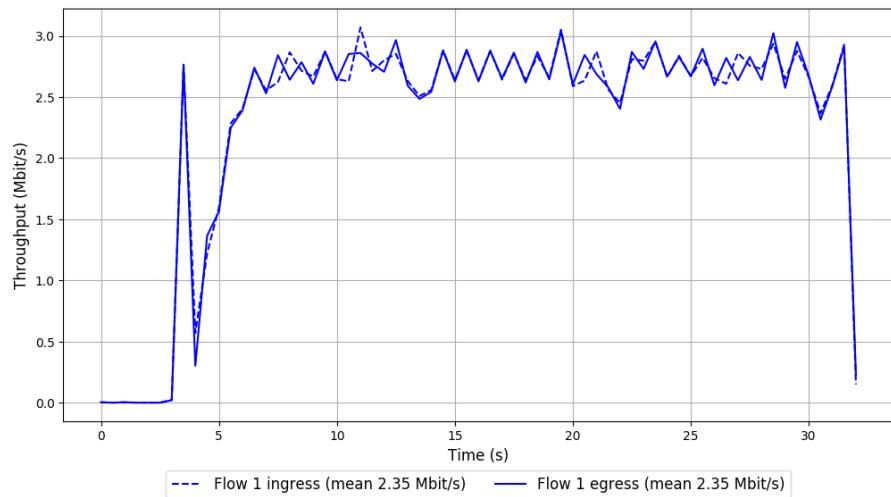


```
Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:13:38 +0000
End at: Mon, 24 Jul 2017 23:14:08 +0000
Local clock offset: 1.054 ms
Remote clock offset: -20.28 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.646 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.646 ms
Loss rate: 0.10%
```

Run 1: Report of WebRTC media — Data Link

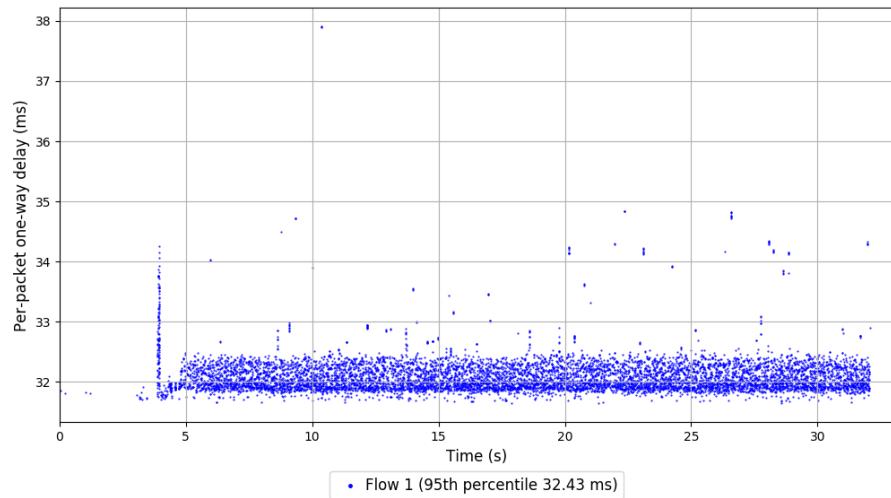
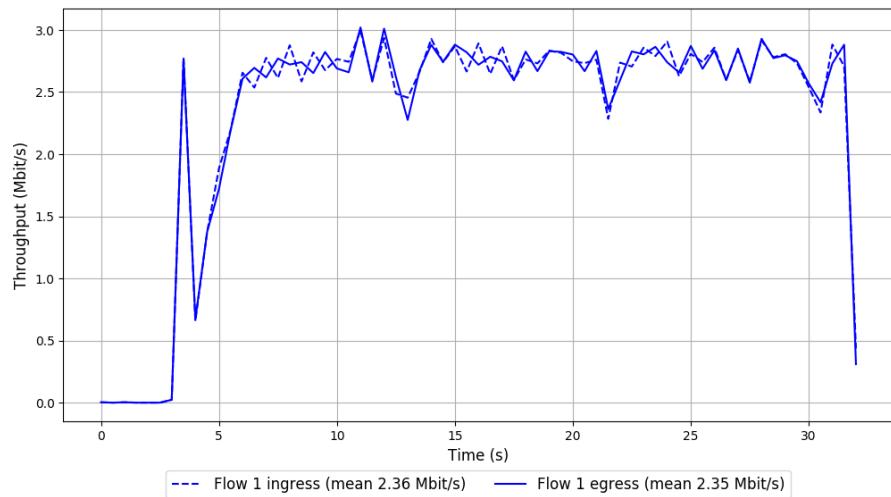


```
Run 2: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:31:29 +0000
End at: Mon, 24 Jul 2017 23:31:59 +0000
Local clock offset: 1.937 ms
Remote clock offset: -20.64 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 32.429 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 32.429 ms
Loss rate: 0.13%
```

Run 2: Report of WebRTC media — Data Link

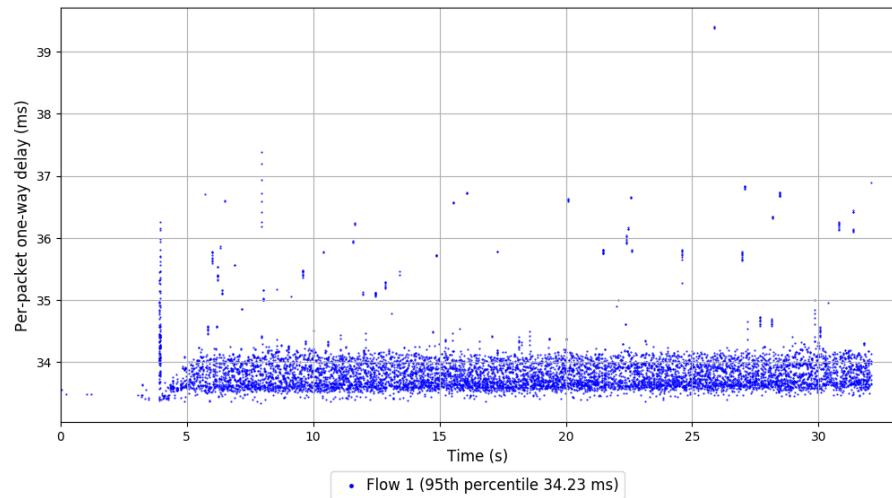
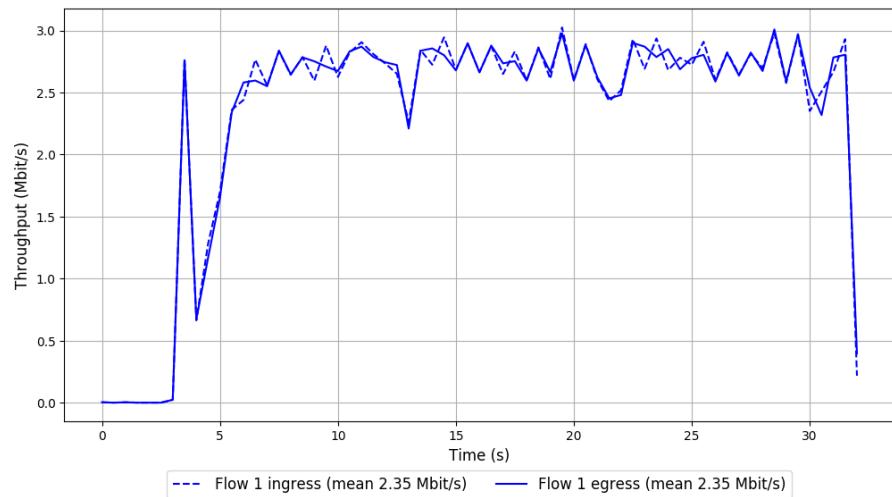


```
Run 3: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:49:18 +0000
End at: Mon, 24 Jul 2017 23:49:48 +0000
Local clock offset: 2.925 ms
Remote clock offset: -21.481 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 34.232 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 34.232 ms
Loss rate: 0.03%
```

Run 3: Report of WebRTC media — Data Link

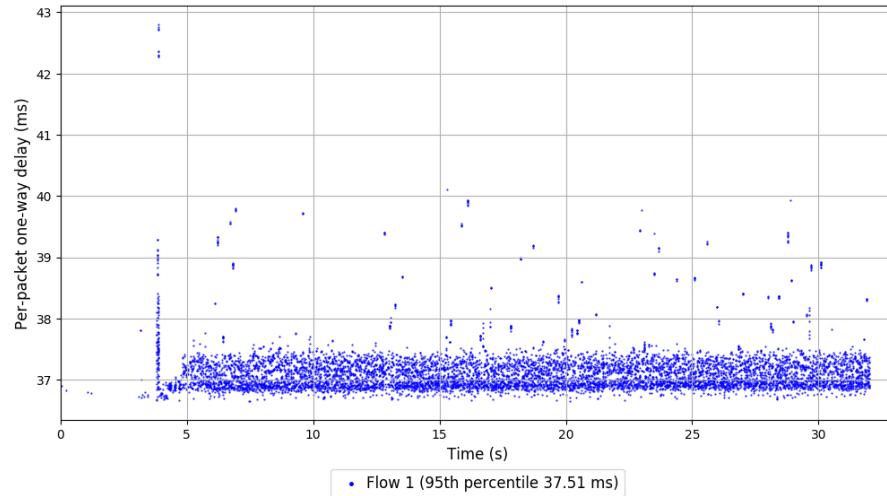
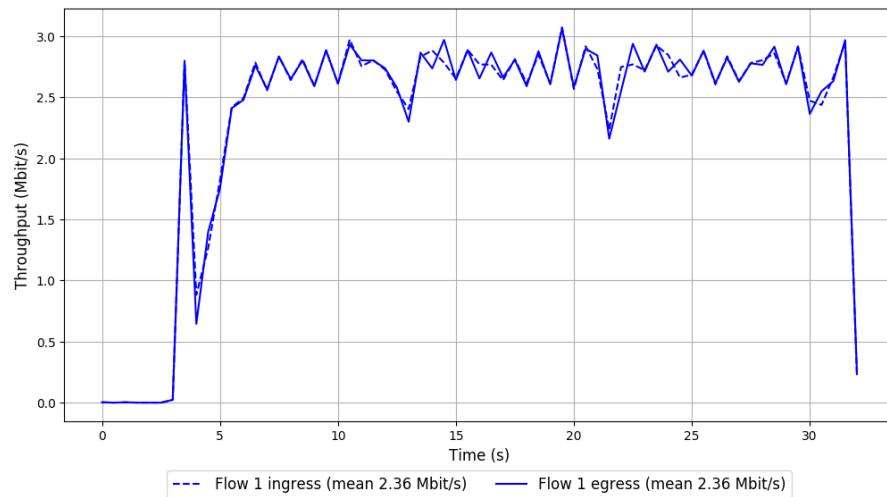


Run 4: Statistics of WebRTC media

```
Start at: Tue, 25 Jul 2017 00:07:17 +0000
End at: Tue, 25 Jul 2017 00:07:47 +0000
Local clock offset: 5.631 ms
Remote clock offset: -20.774 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 37.511 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 37.511 ms
Loss rate: 0.14%
```

Run 4: Report of WebRTC media — Data Link

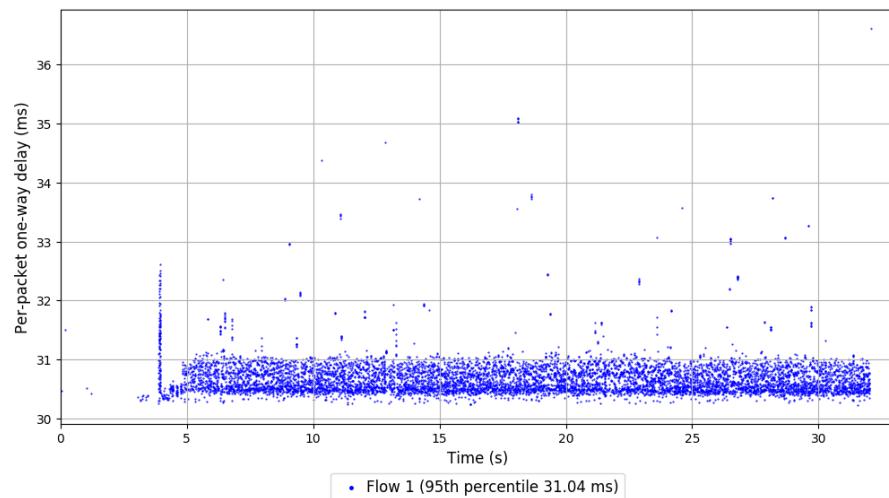
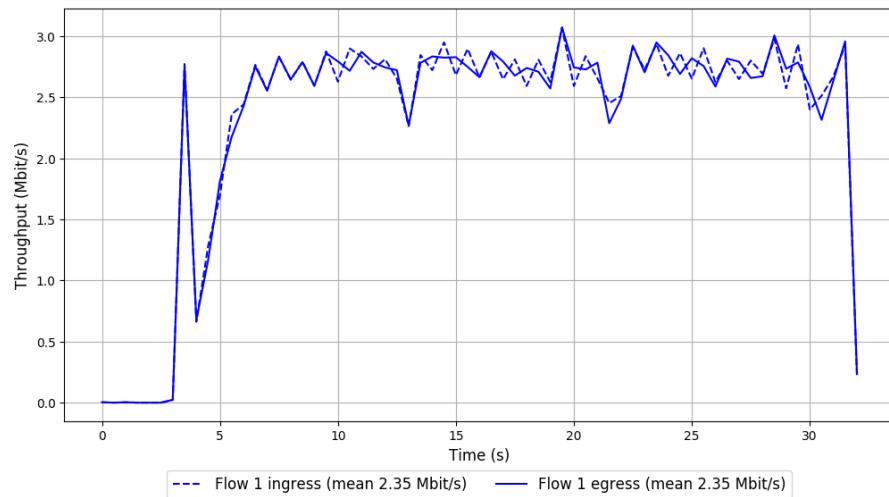


```
Run 5: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:25:05 +0000
End at: Tue, 25 Jul 2017 00:25:35 +0000
Local clock offset: 1.974 ms
Remote clock offset: -18.242 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.039 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.039 ms
Loss rate: 0.13%
```

Run 5: Report of WebRTC media — Data Link

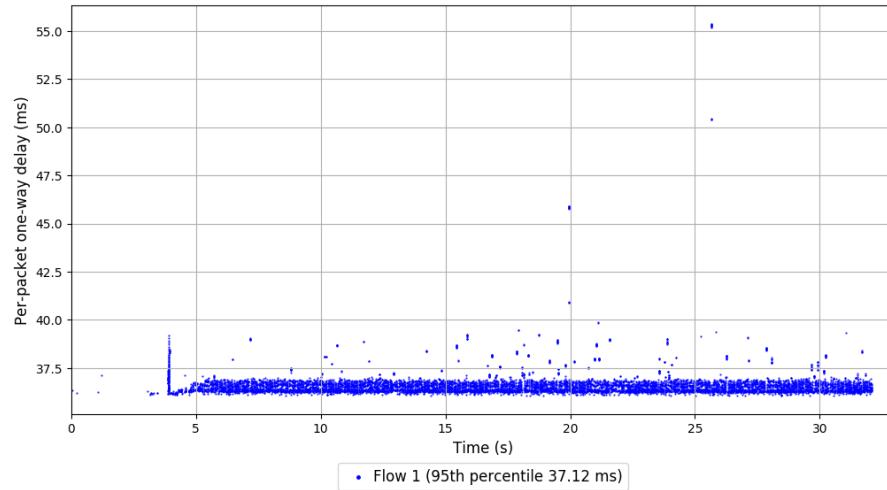
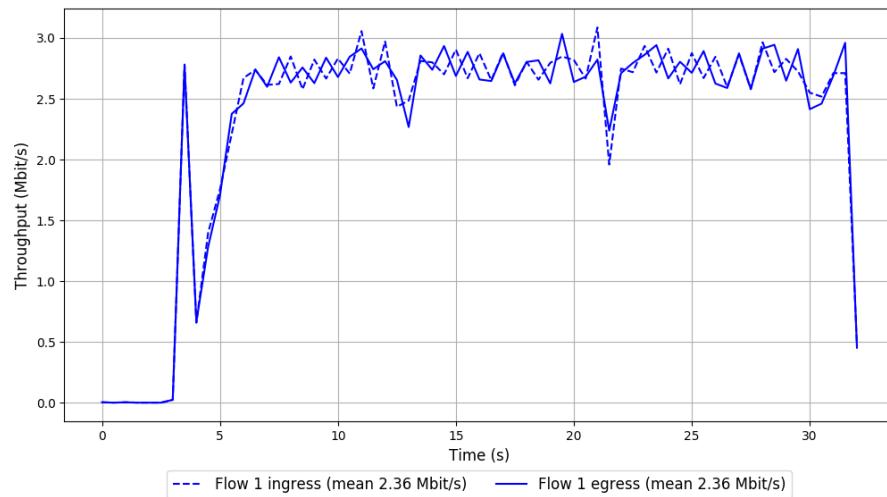


Run 6: Statistics of WebRTC media

```
Start at: Tue, 25 Jul 2017 00:42:58 +0000
End at: Tue, 25 Jul 2017 00:43:29 +0000
Local clock offset: 4.65 ms
Remote clock offset: -22.025 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 37.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 37.118 ms
Loss rate: 0.01%
```

Run 6: Report of WebRTC media — Data Link

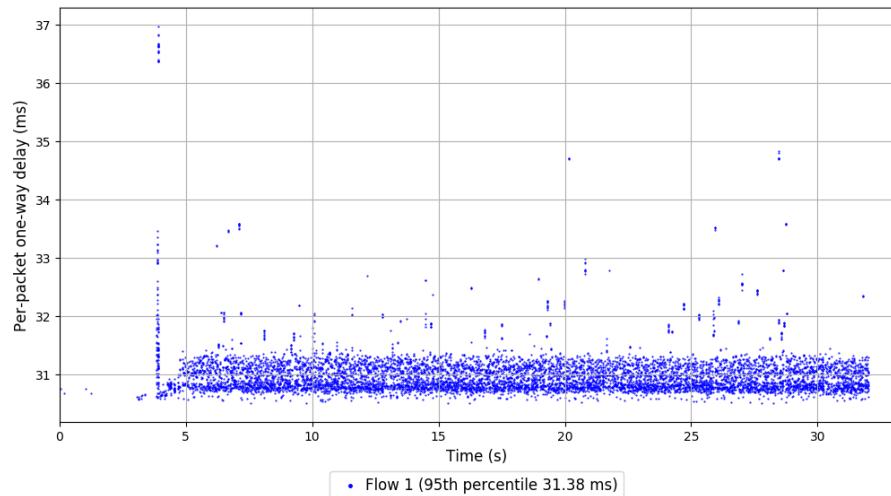
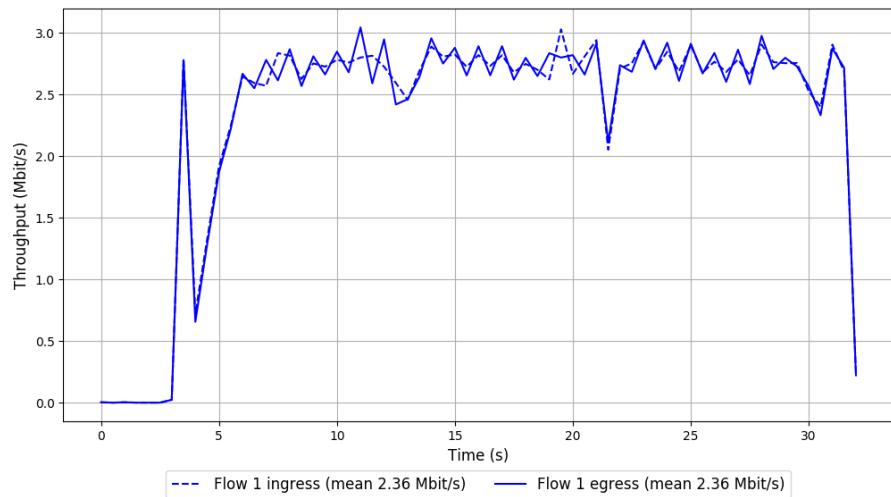


Run 7: Statistics of WebRTC media

```
Start at: Tue, 25 Jul 2017 01:00:57 +0000
End at: Tue, 25 Jul 2017 01:01:27 +0000
Local clock offset: -0.103 ms
Remote clock offset: -21.844 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.381 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.381 ms
Loss rate: 0.15%
```

Run 7: Report of WebRTC media — Data Link

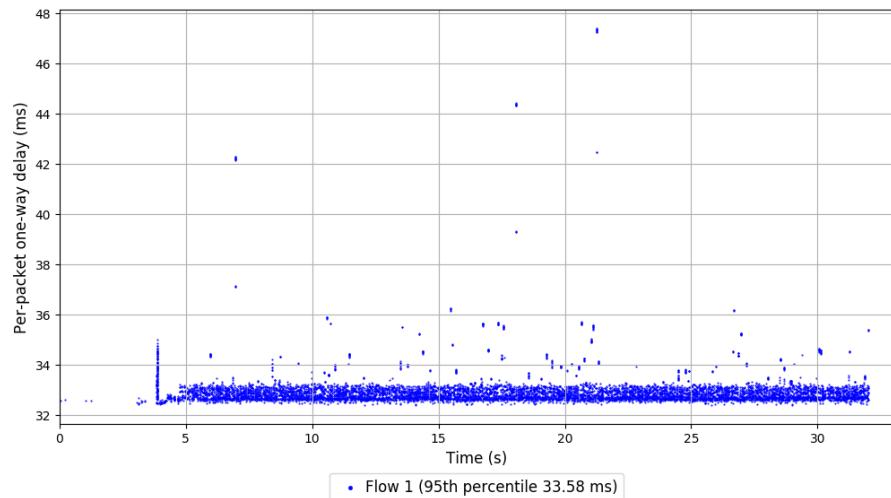
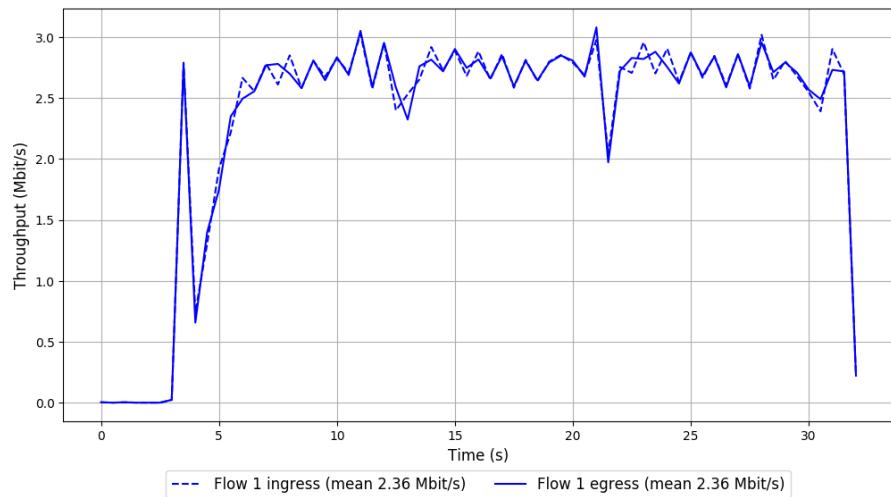


Run 8: Statistics of WebRTC media

```
Start at: Tue, 25 Jul 2017 01:19:03 +0000
End at: Tue, 25 Jul 2017 01:19:33 +0000
Local clock offset: 1.978 ms
Remote clock offset: -22.491 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 33.577 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 33.577 ms
Loss rate: 0.15%
```

Run 8: Report of WebRTC media — Data Link

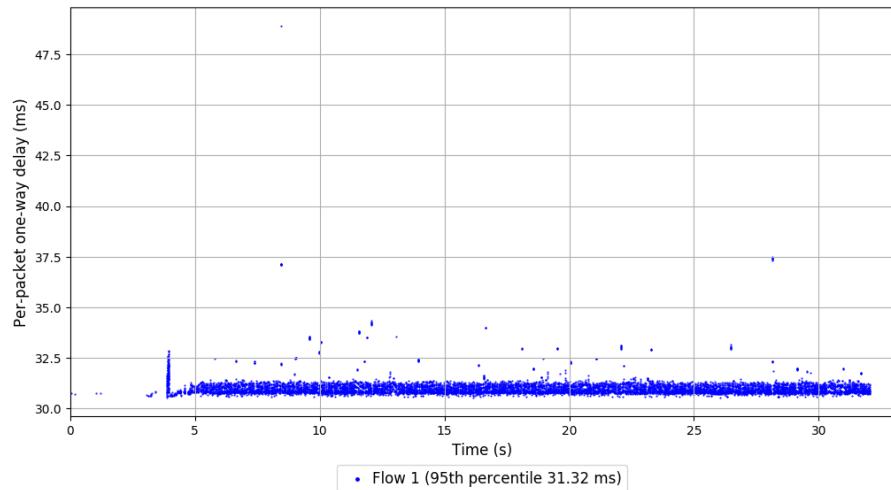
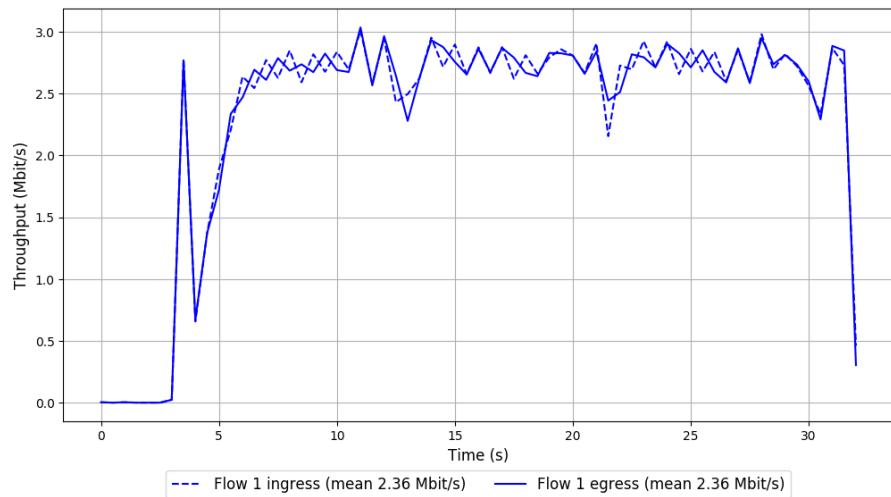


```
Run 9: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:37:14 +0000
End at: Tue, 25 Jul 2017 01:37:44 +0000
Local clock offset: 2.086 ms
Remote clock offset: -22.213 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.323 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.323 ms
Loss rate: 0.15%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:54:51 +0000
End at: Tue, 25 Jul 2017 01:55:21 +0000
Local clock offset: 5.126 ms
Remote clock offset: -22.451 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:50:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 35.273 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 35.273 ms
Loss rate: 0.17%
```

Run 10: Report of WebRTC media — Data Link

