

Pantheon Summary (Generated at Fri, 16 Jun 2017 06:42:46 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

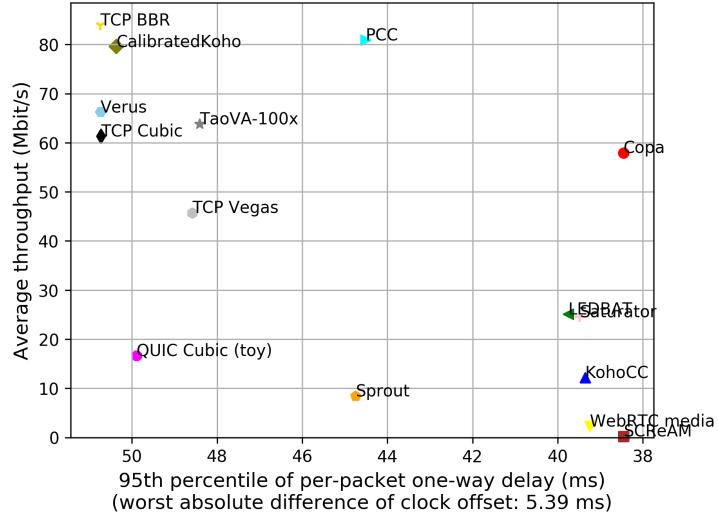
Each test lasted for 30 seconds running 1 flow.

Data path **from** Mexico Ethernet **to** AWS California 2 Ethernet.

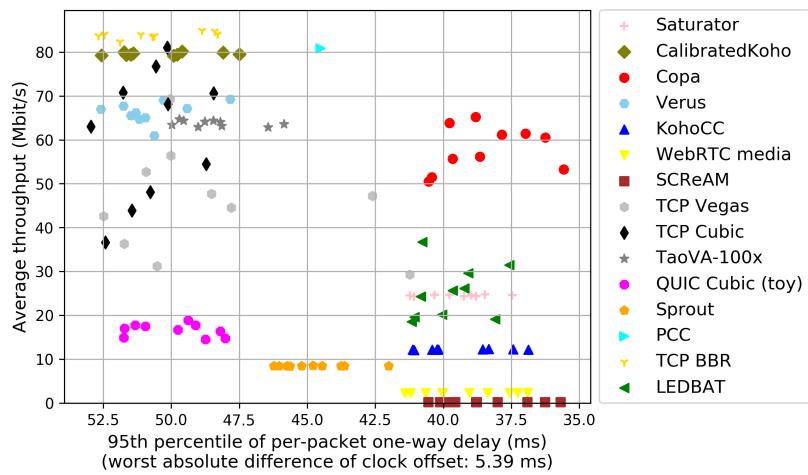
NTP offset measured against time.stanford.edu.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
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 @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
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 @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

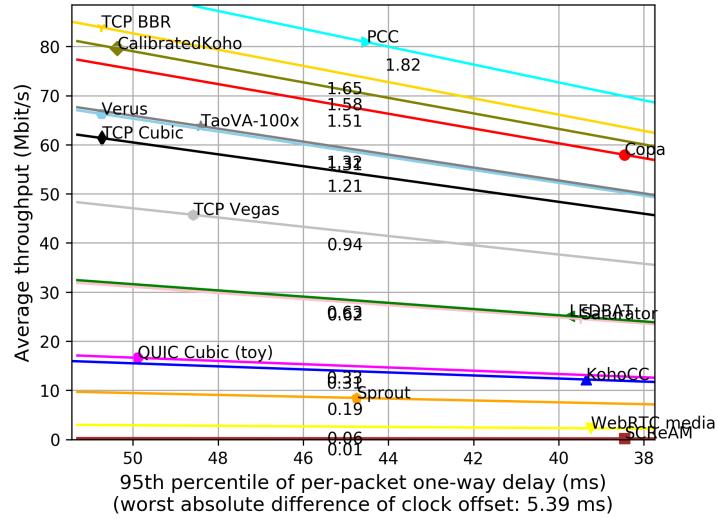
test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
 mean power scores of all runs by scheme

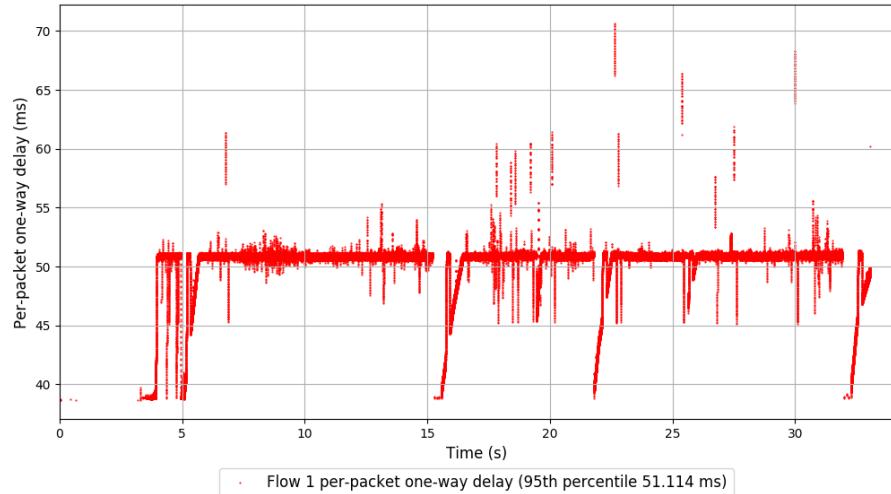
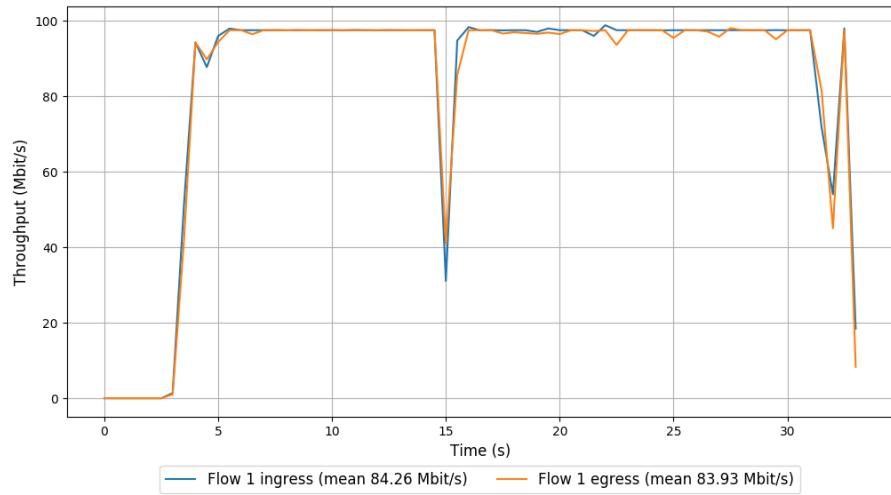


Run 1: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:46:56 +0000
End at: Fri, 16 Jun 2017 02:47:26 +0000
Local clock offset: -1.794 ms
Remote clock offset: -2.266 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:33:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.93 Mbit/s
95th percentile per-packet one-way delay: 51.114 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 83.93 Mbit/s
95th percentile per-packet one-way delay: 51.114 ms
Loss rate: 0.63%
```

Run 1: Report of TCP BBR — Data Link

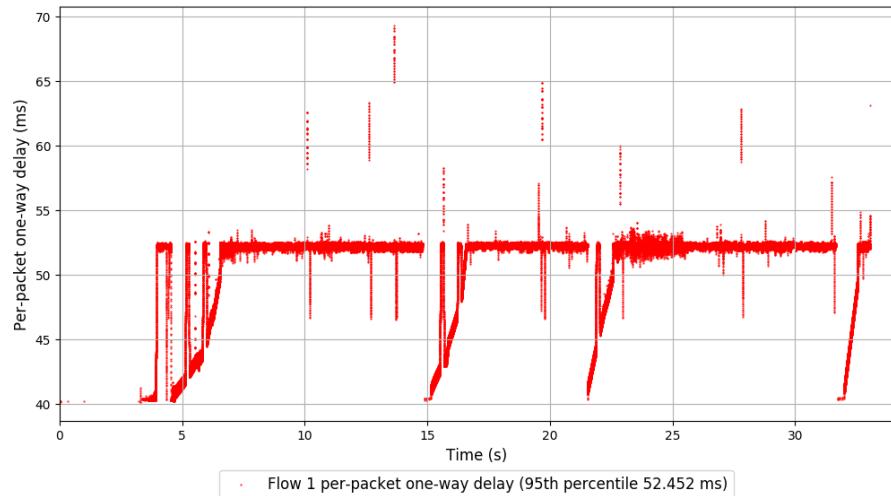
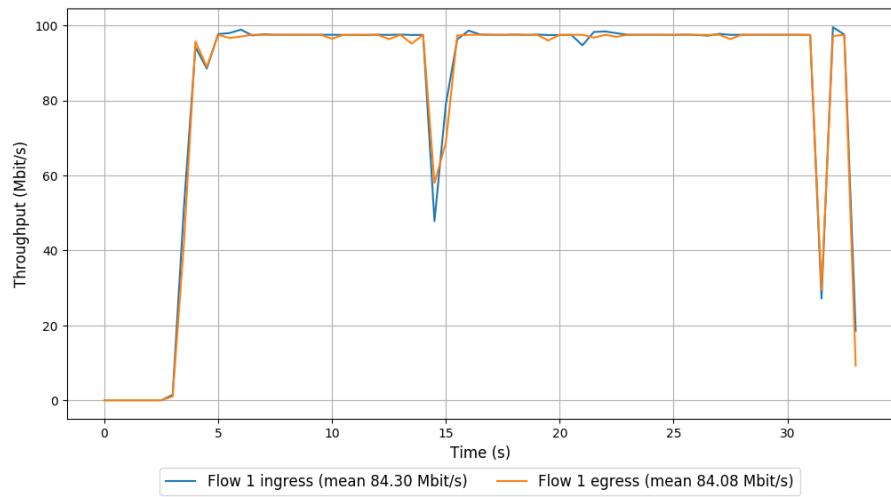


Run 2: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:06:41 +0000
End at: Fri, 16 Jun 2017 03:07:11 +0000
Local clock offset: -3.368 ms
Remote clock offset: -2.732 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:33:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 52.452 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 52.452 ms
Loss rate: 0.51%
```

Run 2: Report of TCP BBR — Data Link

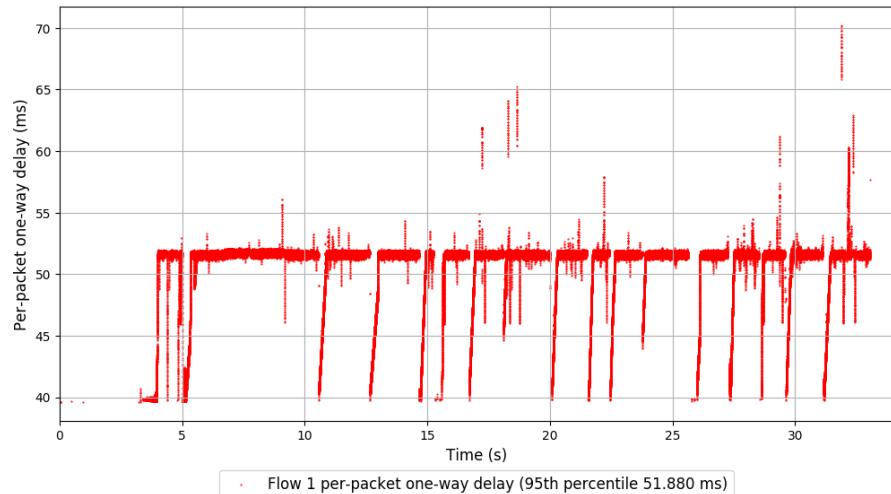
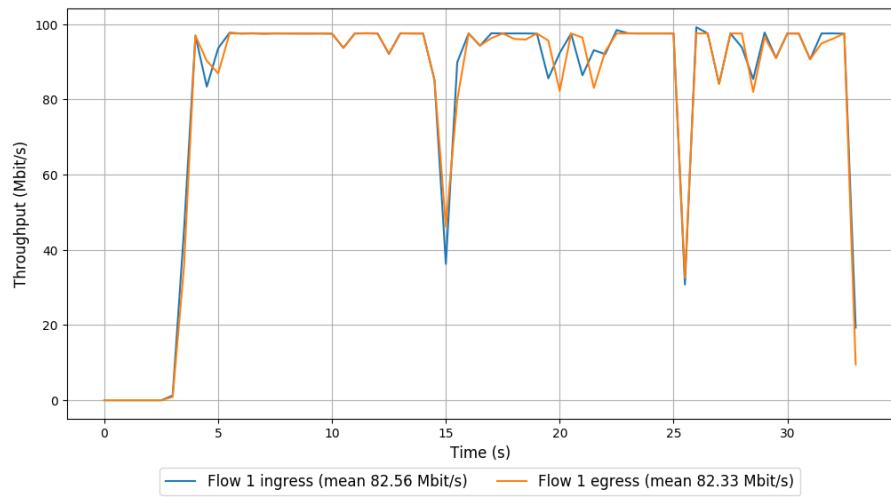


Run 3: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:26:23 +0000
End at: Fri, 16 Jun 2017 03:26:53 +0000
Local clock offset: -3.69 ms
Remote clock offset: -4.511 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:33:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.33 Mbit/s
95th percentile per-packet one-way delay: 51.880 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 82.33 Mbit/s
95th percentile per-packet one-way delay: 51.880 ms
Loss rate: 0.54%
```

Run 3: Report of TCP BBR — Data Link

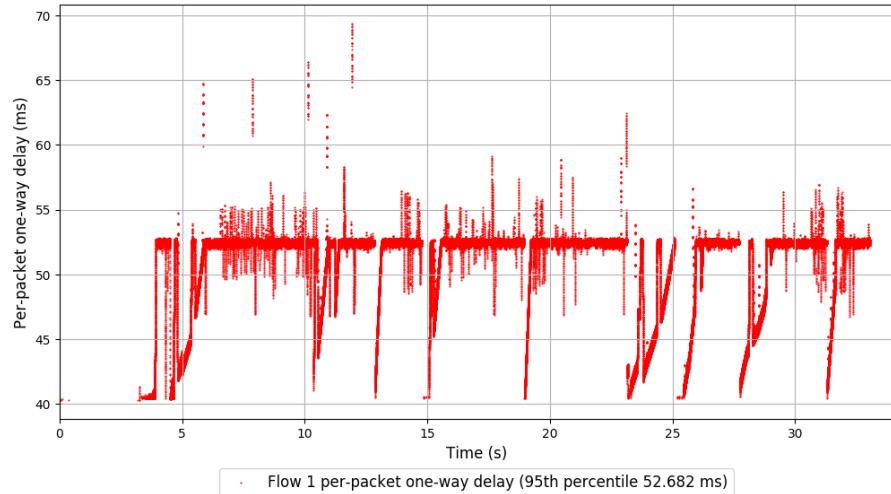
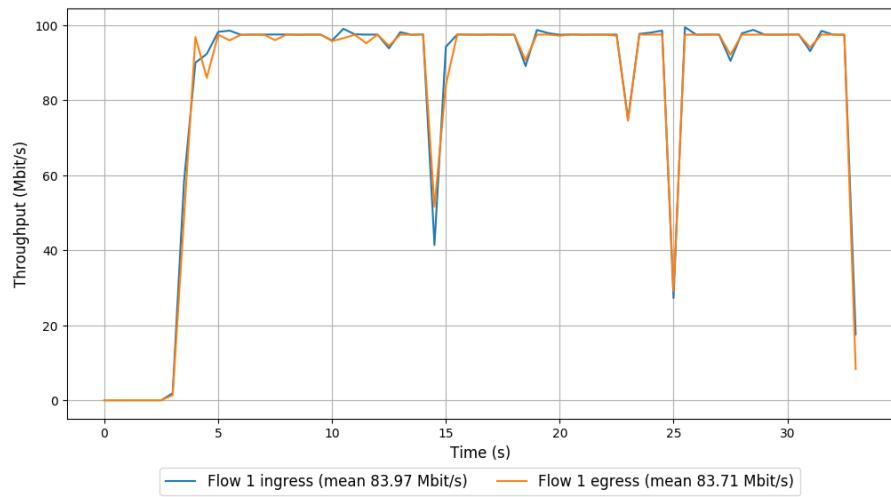


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:46:04 +0000
End at: Fri, 16 Jun 2017 03:46:34 +0000
Local clock offset: -3.363 ms
Remote clock offset: -4.842 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 0.57%
```

Run 4: Report of TCP BBR — Data Link

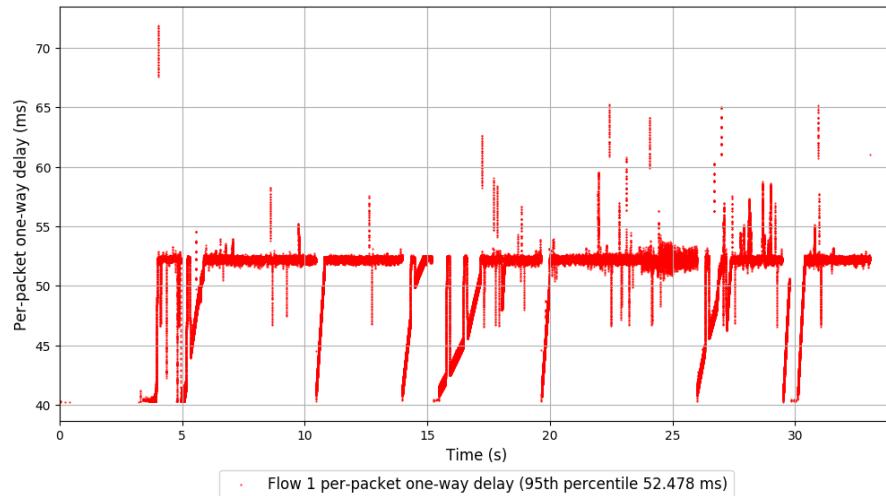
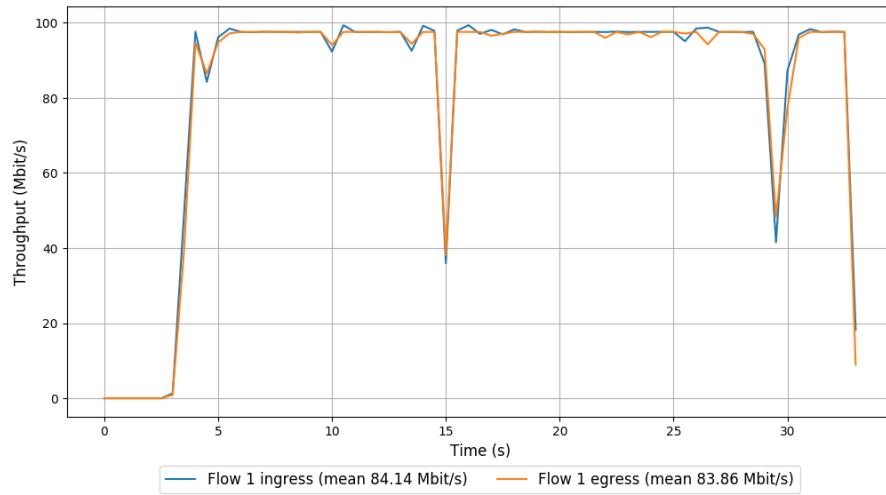


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:05:39 +0000
End at: Fri, 16 Jun 2017 04:06:09 +0000
Local clock offset: -3.376 ms
Remote clock offset: -2.452 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 52.478 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 52.478 ms
Loss rate: 0.59%
```

Run 5: Report of TCP BBR — Data Link

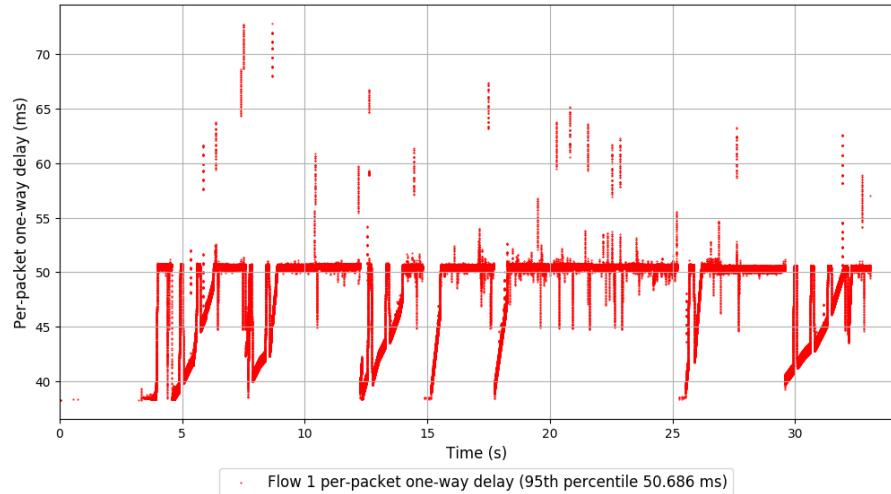
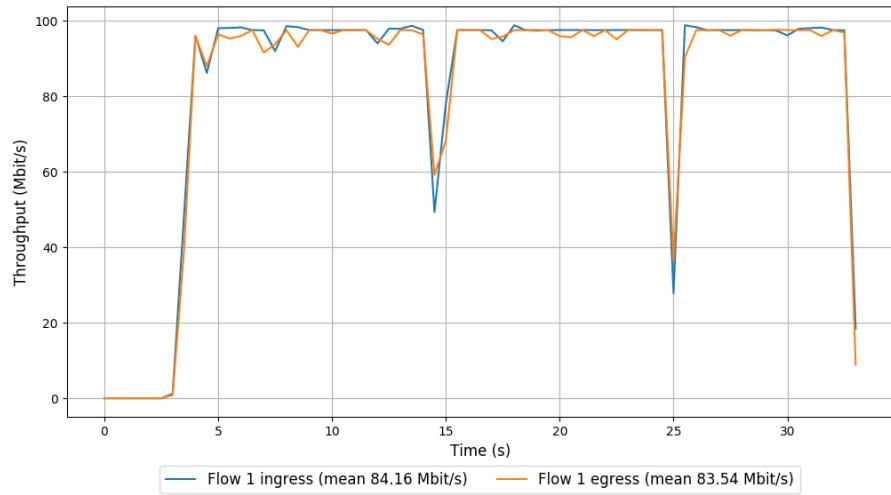


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:25:20 +0000
End at: Fri, 16 Jun 2017 04:25:50 +0000
Local clock offset: -2.469 ms
Remote clock offset: -4.402 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 50.686 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 50.686 ms
Loss rate: 1.00%
```

Run 6: Report of TCP BBR — Data Link

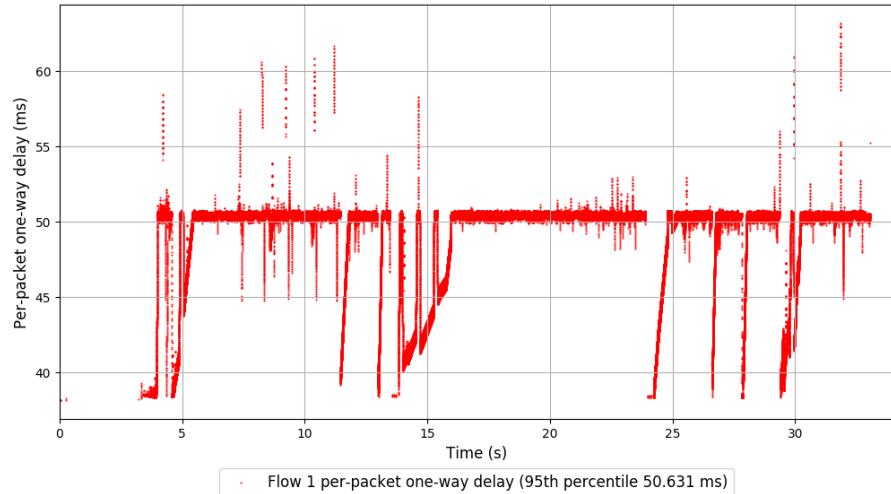
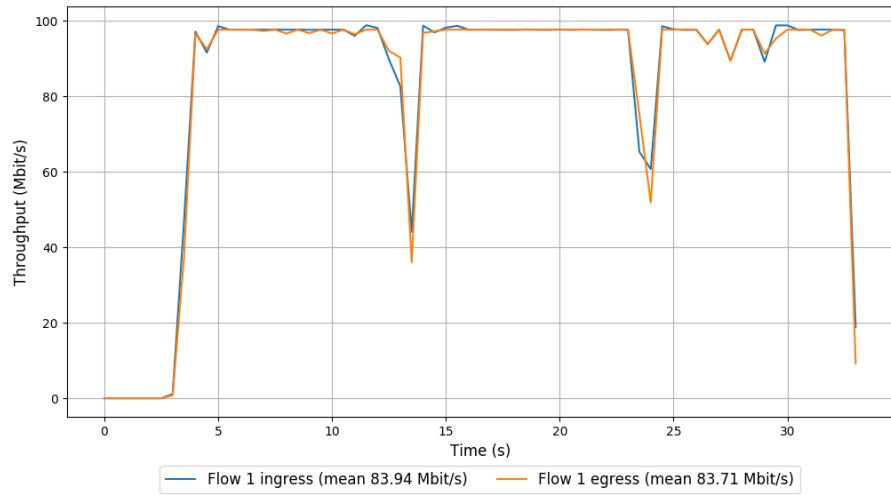


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:45:01 +0000
End at: Fri, 16 Jun 2017 04:45:31 +0000
Local clock offset: -1.539 ms
Remote clock offset: -2.409 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 50.631 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 50.631 ms
Loss rate: 0.54%
```

Run 7: Report of TCP BBR — Data Link

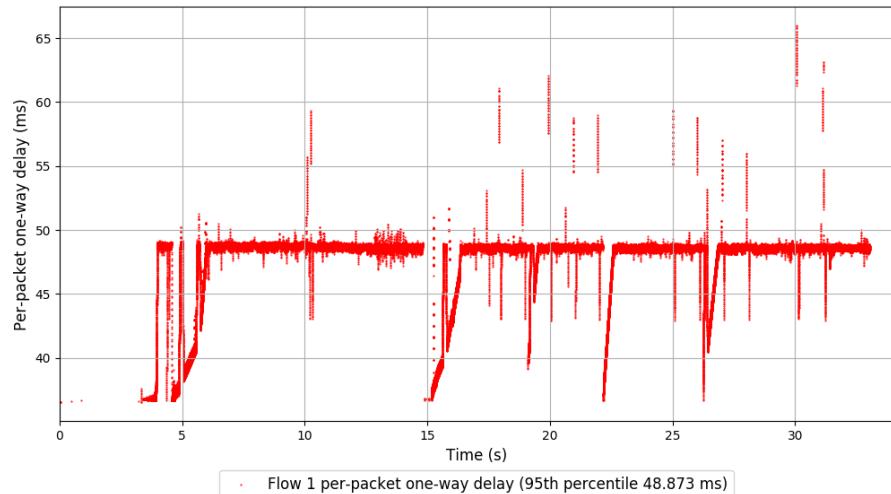
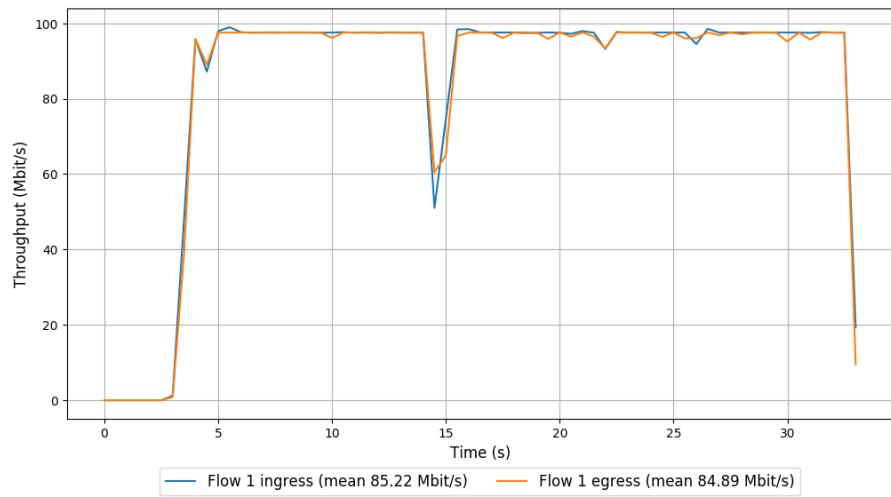


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:05:13 +0000
End at: Fri, 16 Jun 2017 05:05:43 +0000
Local clock offset: -0.753 ms
Remote clock offset: -2.777 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 48.873 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 48.873 ms
Loss rate: 0.65%
```

Run 8: Report of TCP BBR — Data Link

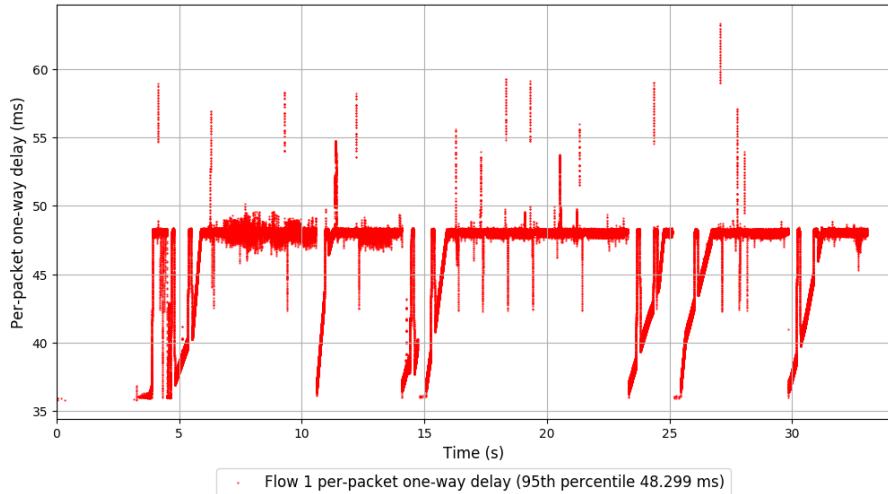
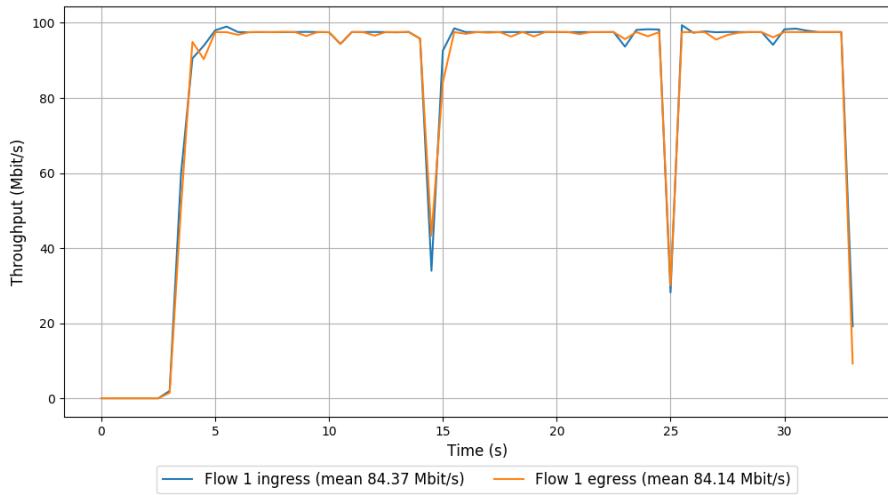


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:24:56 +0000
End at: Fri, 16 Jun 2017 05:25:26 +0000
Local clock offset: 0.023 ms
Remote clock offset: -2.249 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 48.299 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 48.299 ms
Loss rate: 0.55%
```

Run 9: Report of TCP BBR — Data Link

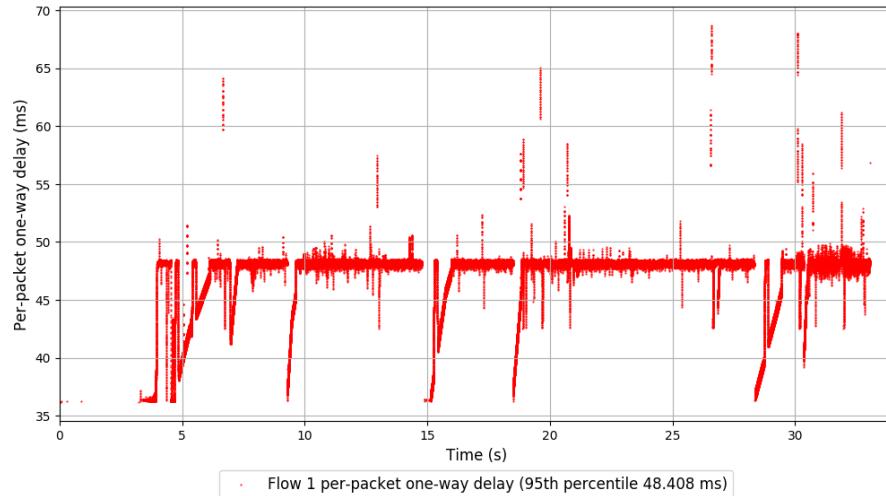
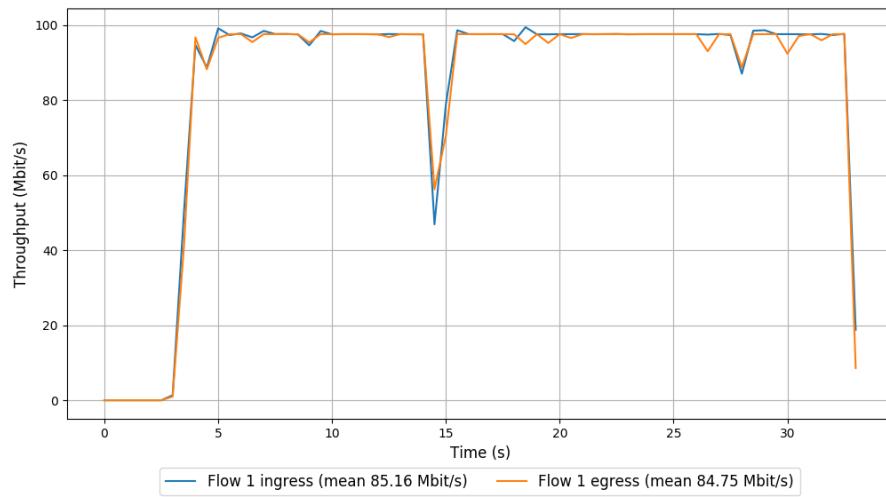


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:44:33 +0000
End at: Fri, 16 Jun 2017 05:45:03 +0000
Local clock offset: 0.523 ms
Remote clock offset: -2.464 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 48.408 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 48.408 ms
Loss rate: 0.73%
```

Run 10: Report of TCP BBR — Data Link

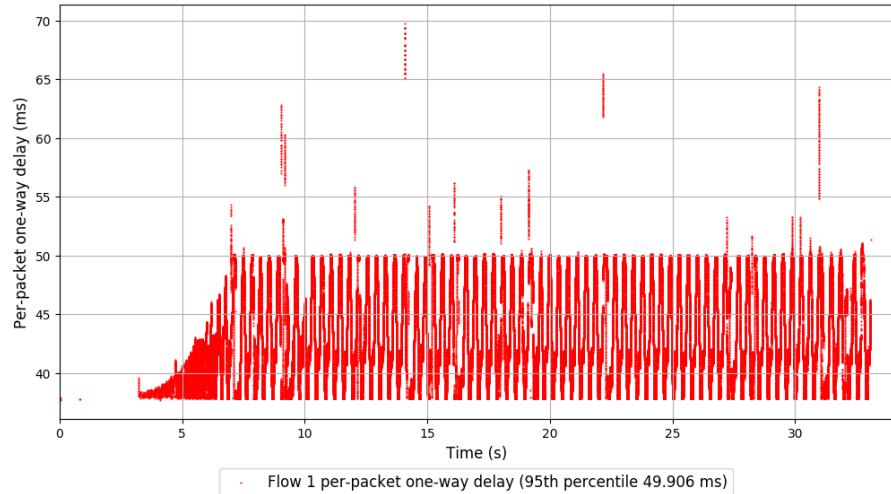
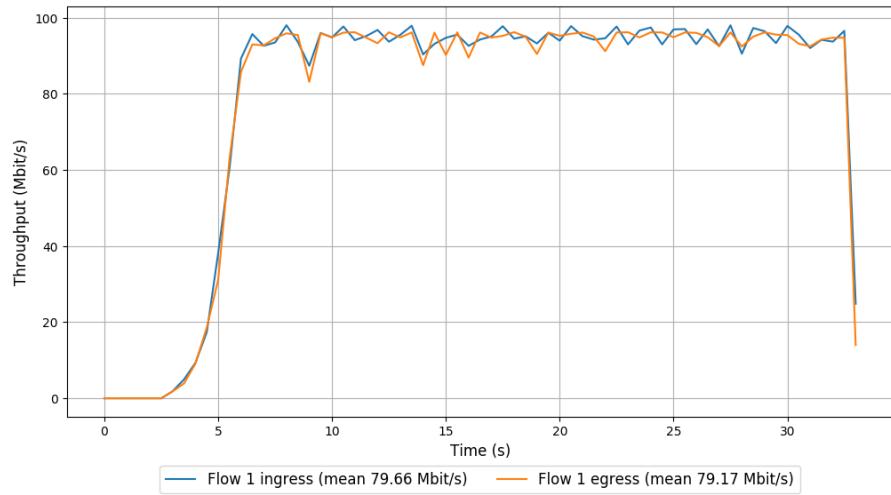


```
Run 1: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 02:45:34 +0000
End at: Fri, 16 Jun 2017 02:46:04 +0000
Local clock offset: -1.83 ms
Remote clock offset: -2.453 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 49.906 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 49.906 ms
Loss rate: 0.86%
```

Run 1: Report of CalibratedKoho — Data Link

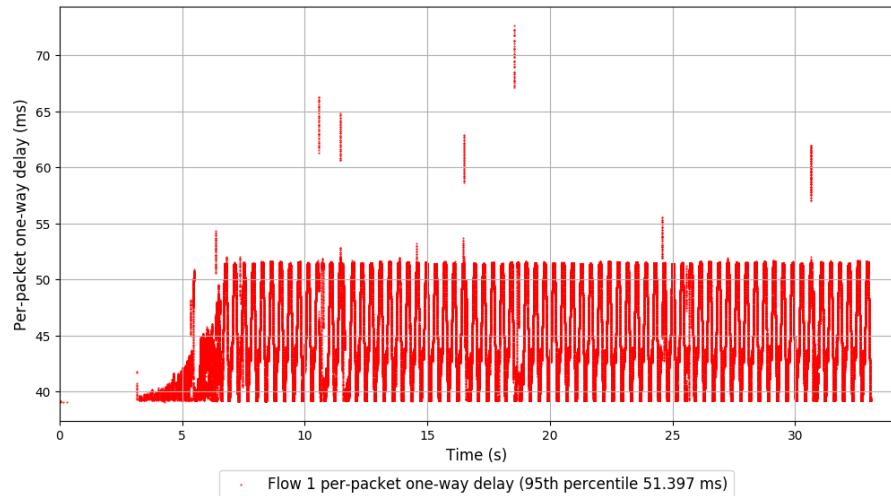
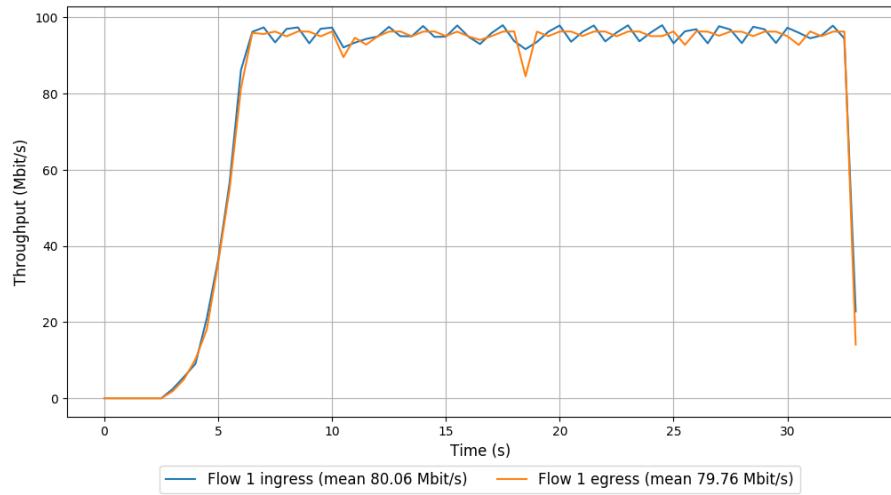


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:05:18 +0000
End at: Fri, 16 Jun 2017 03:05:48 +0000
Local clock offset: -3.133 ms
Remote clock offset: -4.524 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:34:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 51.397 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 51.397 ms
Loss rate: 0.64%
```

Run 2: Report of CalibratedKoho — Data Link

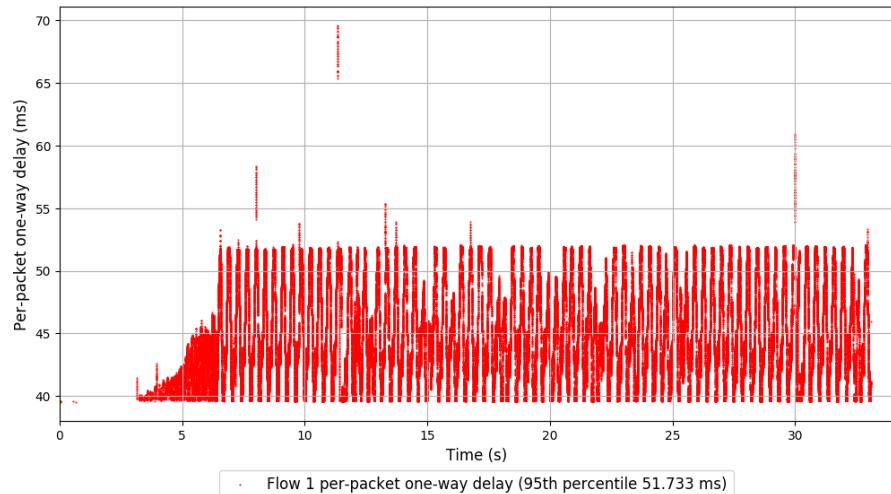
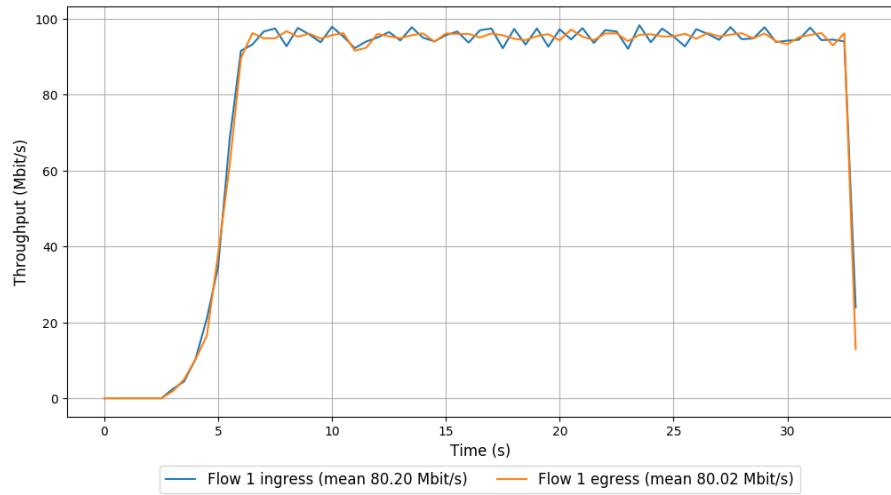


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:25:00 +0000
End at: Fri, 16 Jun 2017 03:25:30 +0000
Local clock offset: -3.723 ms
Remote clock offset: -2.022 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 51.733 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 51.733 ms
Loss rate: 0.47%
```

Run 3: Report of CalibratedKoho — Data Link

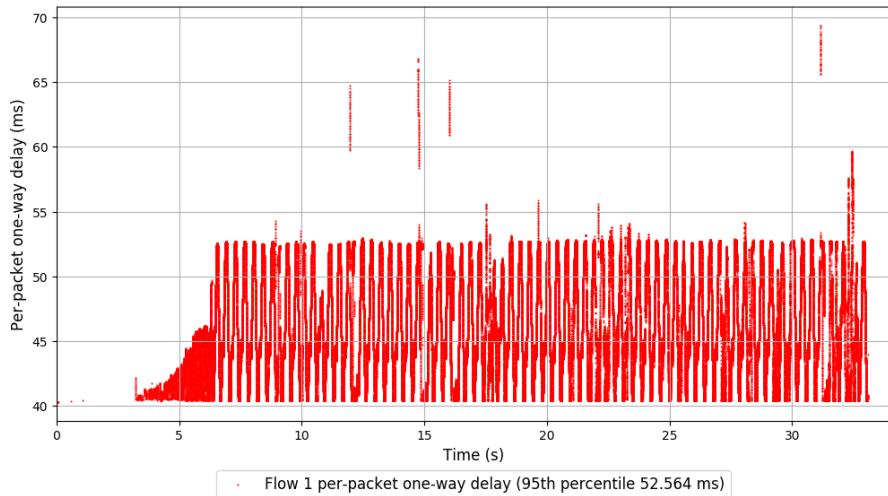
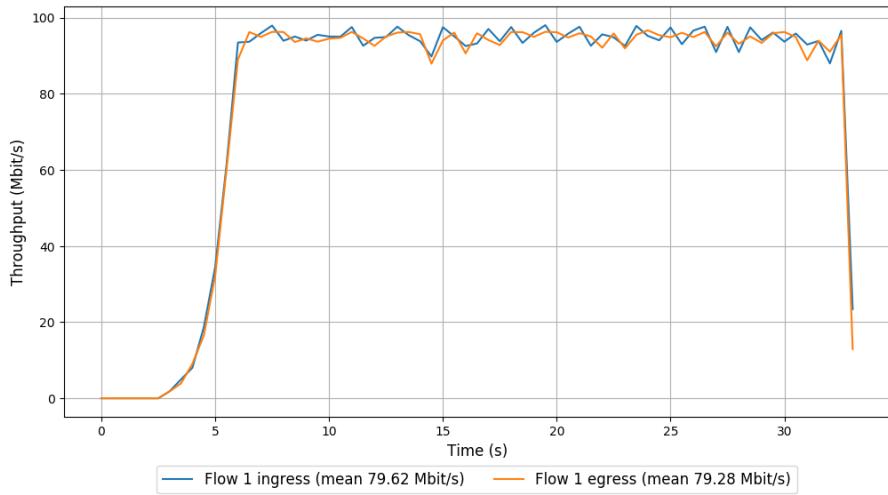


Run 4: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 03:44:42 +0000
End at: Fri, 16 Jun 2017 03:45:12 +0000
Local clock offset: -3.402 ms
Remote clock offset: -1.892 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 52.564 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 52.564 ms
Loss rate: 0.67%
```

Run 4: Report of CalibratedKoho — Data Link

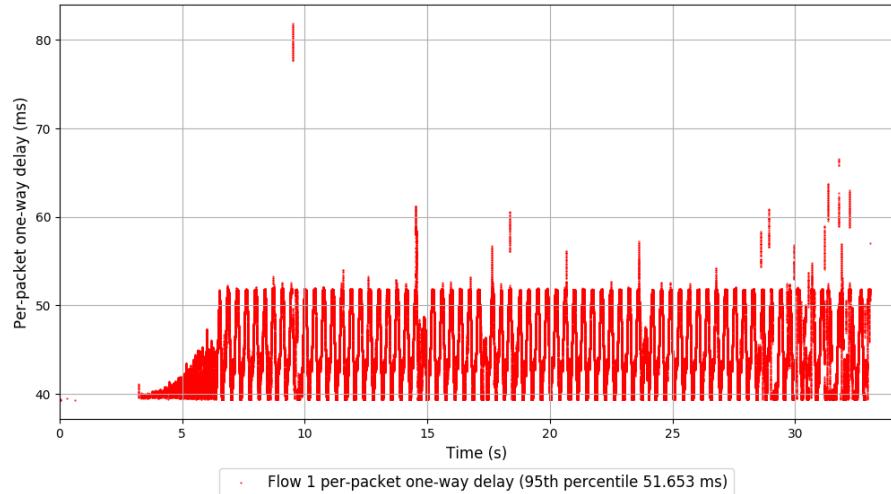
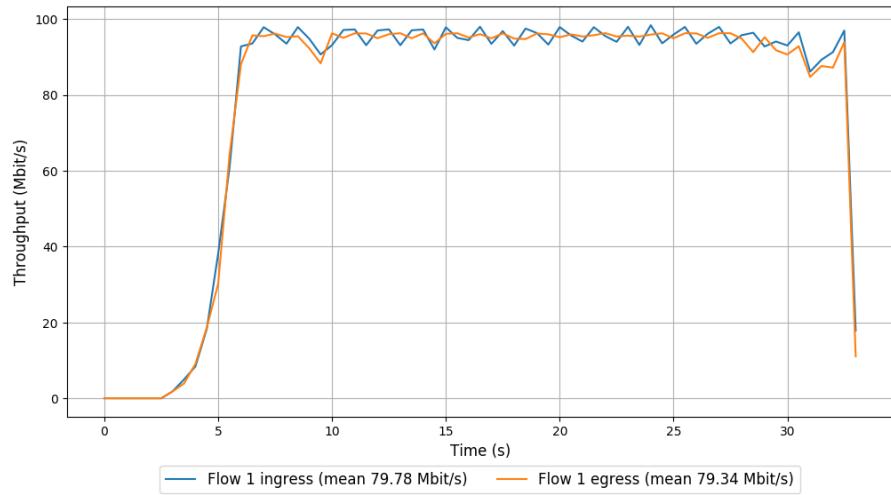


Run 5: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:04:17 +0000
End at: Fri, 16 Jun 2017 04:04:47 +0000
Local clock offset: -3.431 ms
Remote clock offset: -4.409 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.34 Mbit/s
95th percentile per-packet one-way delay: 51.653 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 79.34 Mbit/s
95th percentile per-packet one-way delay: 51.653 ms
Loss rate: 0.80%
```

Run 5: Report of CalibratedKoho — Data Link

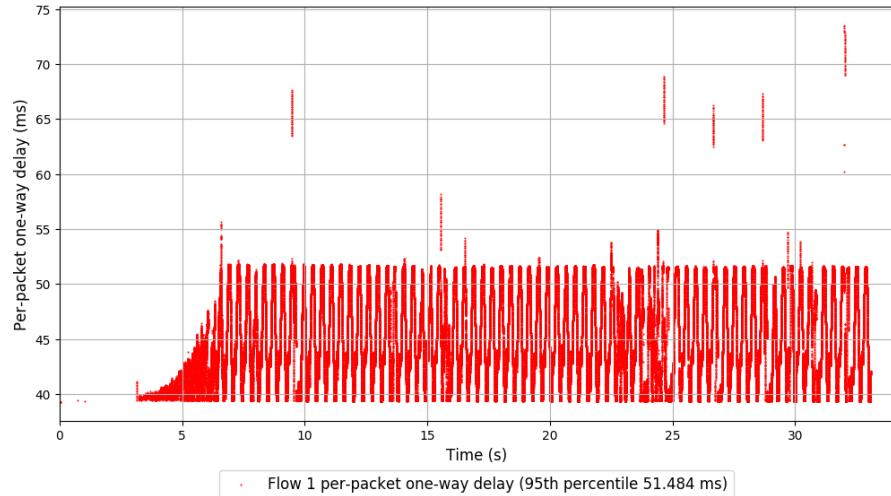
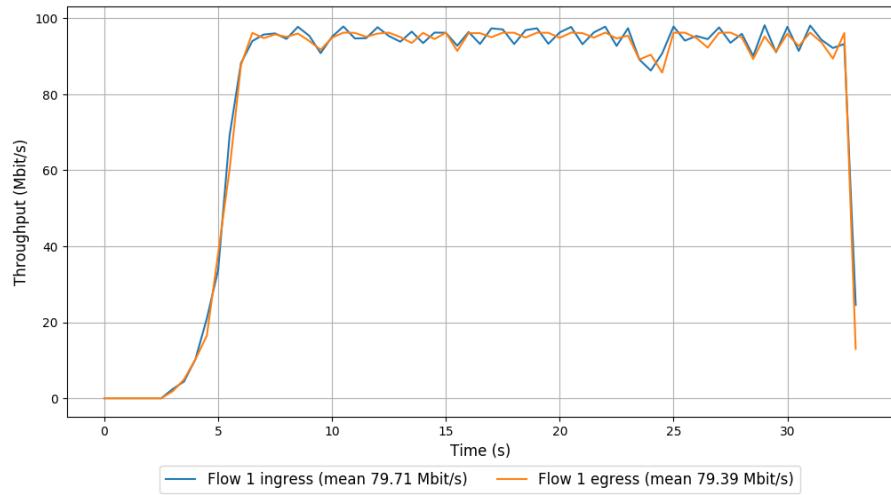


Run 6: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:23:58 +0000
End at: Fri, 16 Jun 2017 04:24:28 +0000
Local clock offset: -2.438 ms
Remote clock offset: -2.339 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.39 Mbit/s
95th percentile per-packet one-way delay: 51.484 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 79.39 Mbit/s
95th percentile per-packet one-way delay: 51.484 ms
Loss rate: 0.66%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 04:43:39 +0000

End at: Fri, 16 Jun 2017 04:44:09 +0000

Local clock offset: -1.5 ms

Remote clock offset: -2.734 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:35:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 49.602 ms

Loss rate: 0.50%

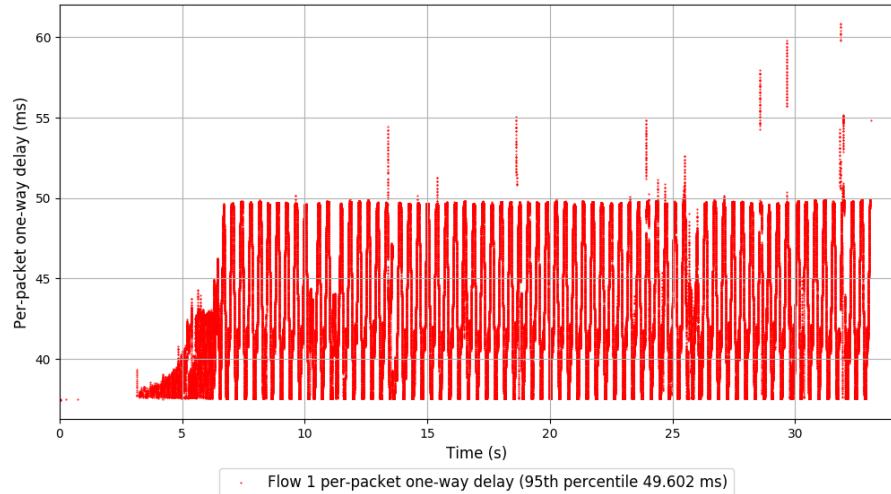
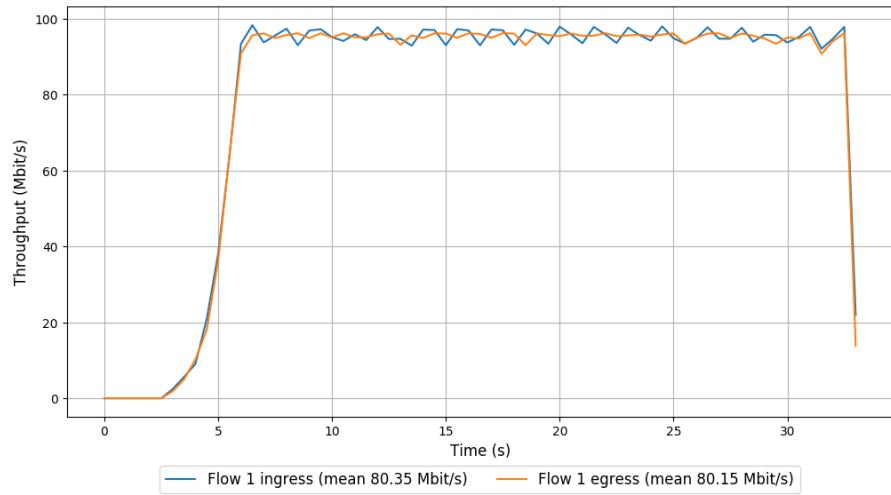
-- Flow 1:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 49.602 ms

Loss rate: 0.50%

Run 7: Report of CalibratedKoho — Data Link

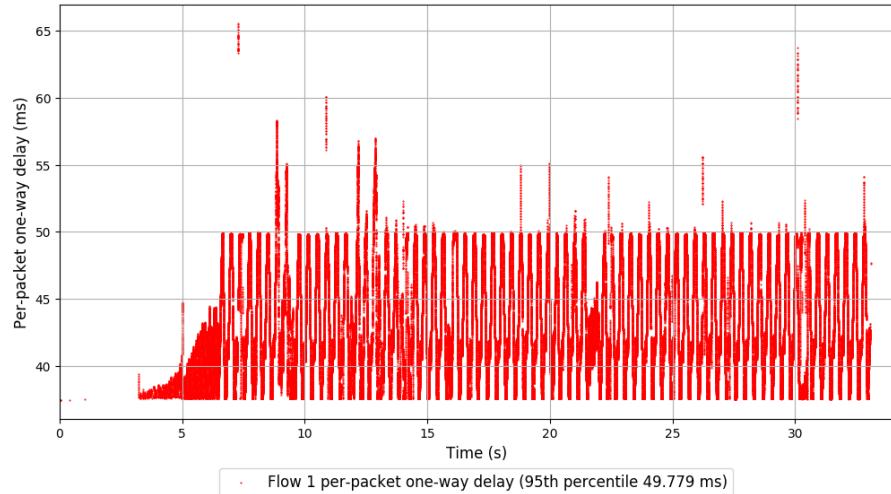
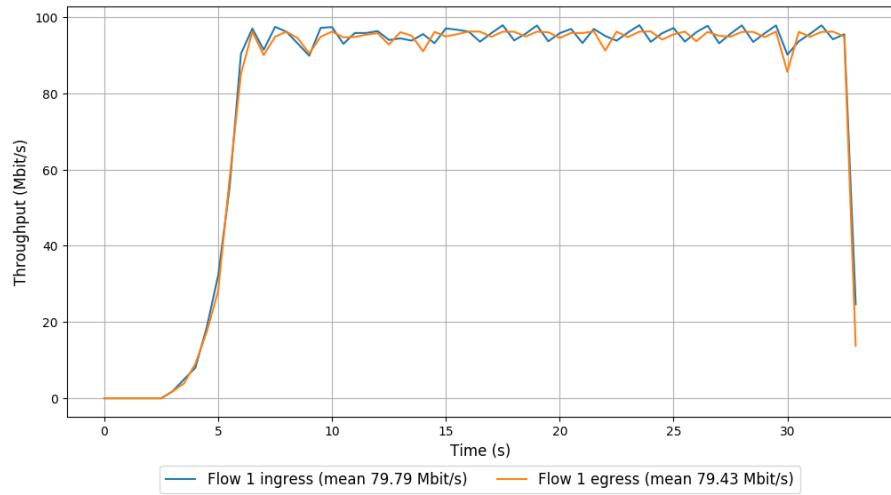


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 05:03:51 +0000
End at: Fri, 16 Jun 2017 05:04:21 +0000
Local clock offset: -0.789 ms
Remote clock offset: -2.423 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.43 Mbit/s
95th percentile per-packet one-way delay: 49.779 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 79.43 Mbit/s
95th percentile per-packet one-way delay: 49.779 ms
Loss rate: 0.70%
```

Run 8: Report of CalibratedKoho — Data Link

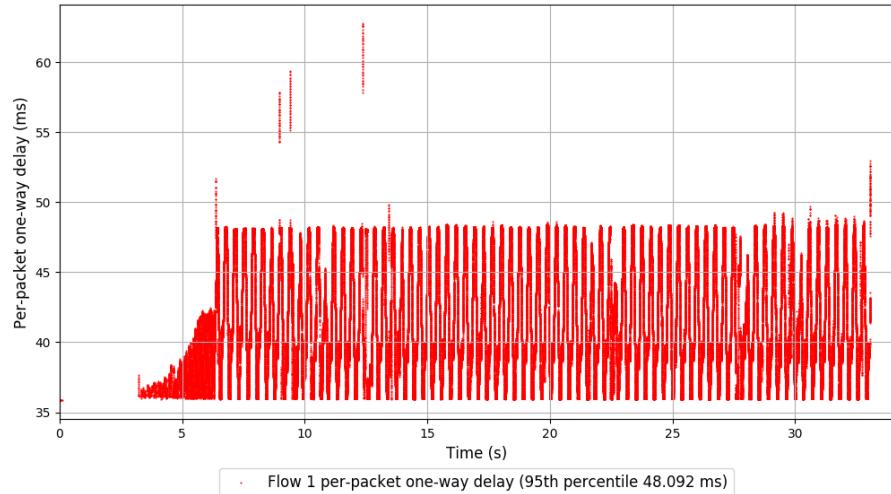
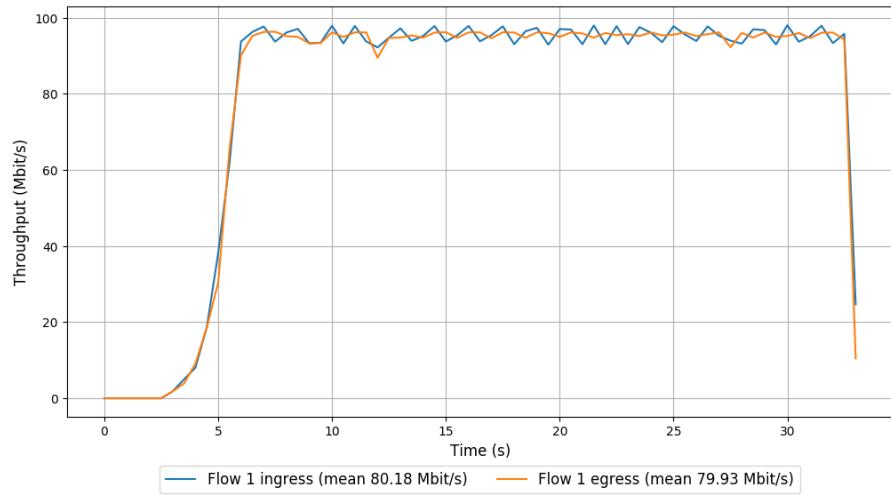


Run 9: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 05:23:34 +0000
End at: Fri, 16 Jun 2017 05:24:04 +0000
Local clock offset: -0.151 ms
Remote clock offset: -4.786 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.93 Mbit/s
95th percentile per-packet one-way delay: 48.092 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 79.93 Mbit/s
95th percentile per-packet one-way delay: 48.092 ms
Loss rate: 0.57%
```

Run 9: Report of CalibratedKoho — Data Link

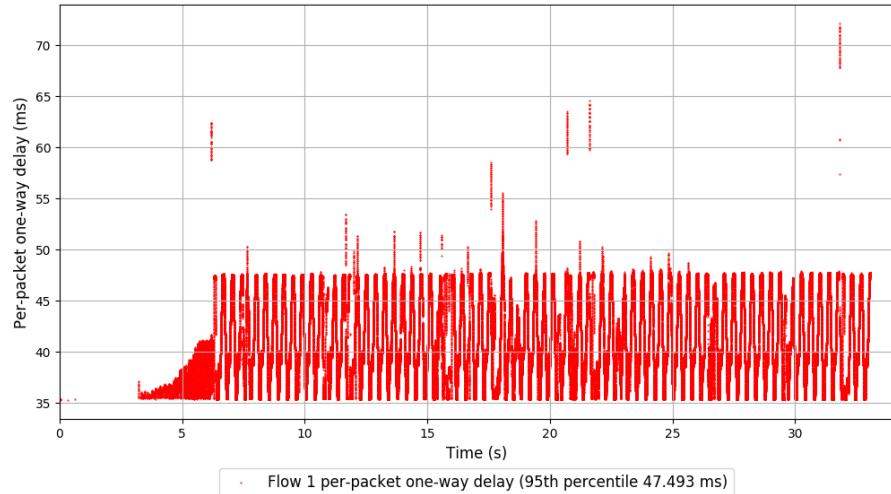
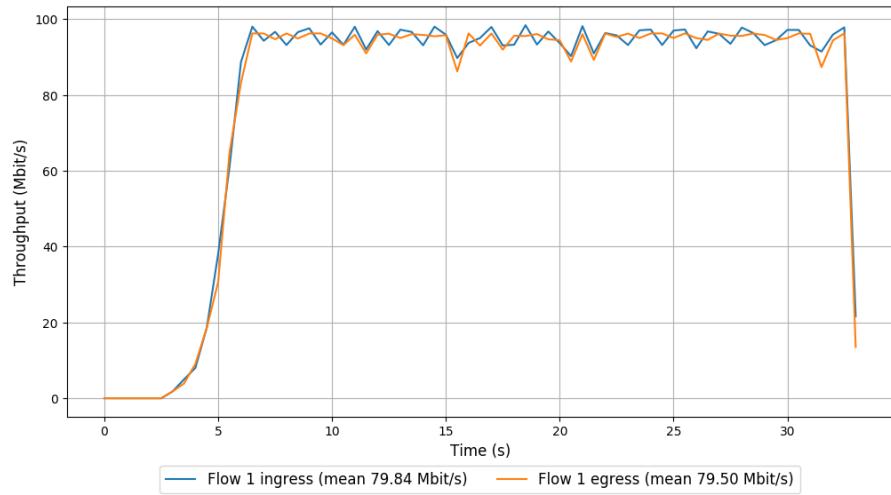


```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 05:43:11 +0000
End at: Fri, 16 Jun 2017 05:43:41 +0000
Local clock offset: 0.563 ms
Remote clock offset: -4.595 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.69%
```

Run 10: Report of CalibratedKoho — Data Link

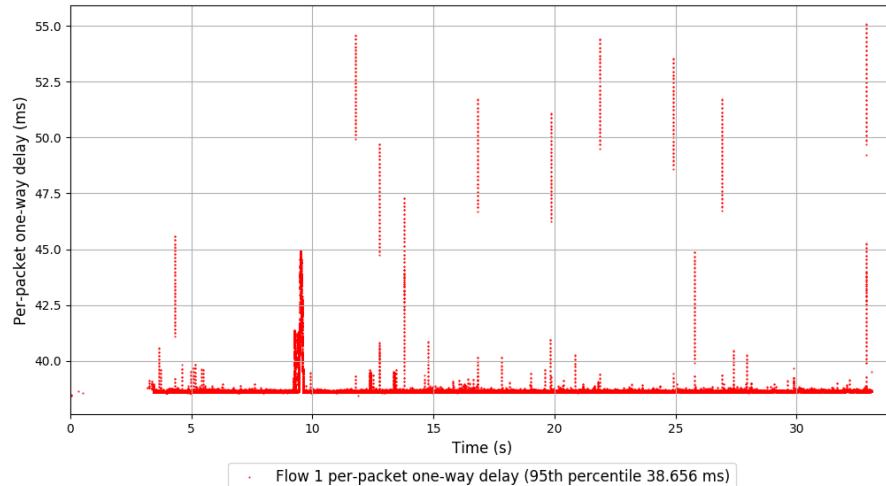
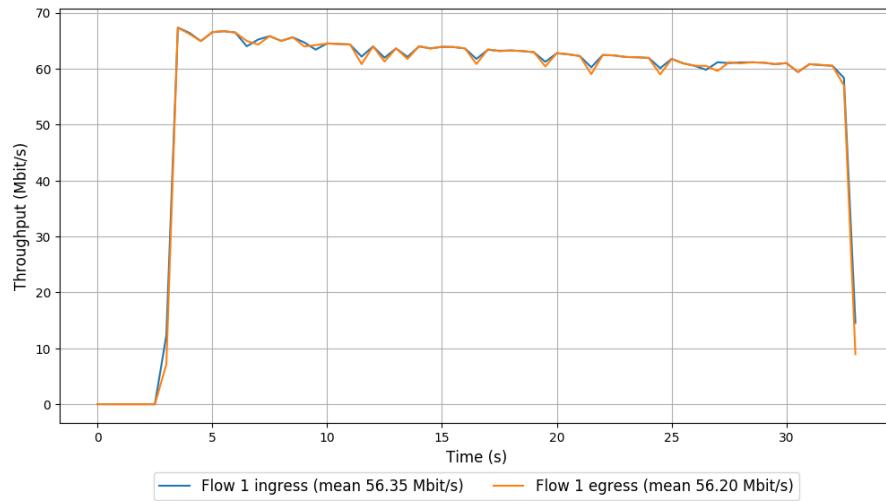


Run 1: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:39:08 +0000
End at: Fri, 16 Jun 2017 02:39:38 +0000
Local clock offset: -1.665 ms
Remote clock offset: -4.853 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.20 Mbit/s
95th percentile per-packet one-way delay: 38.656 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 56.20 Mbit/s
95th percentile per-packet one-way delay: 38.656 ms
Loss rate: 0.52%
```

Run 1: Report of Copa — Data Link

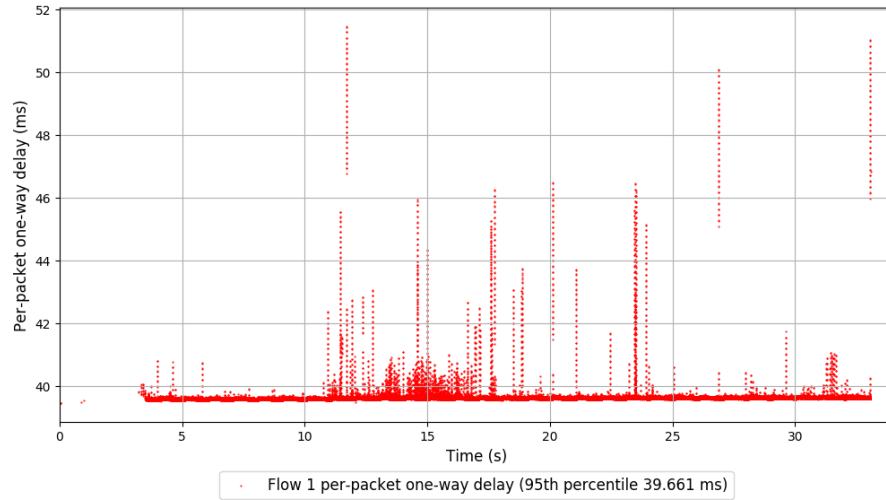
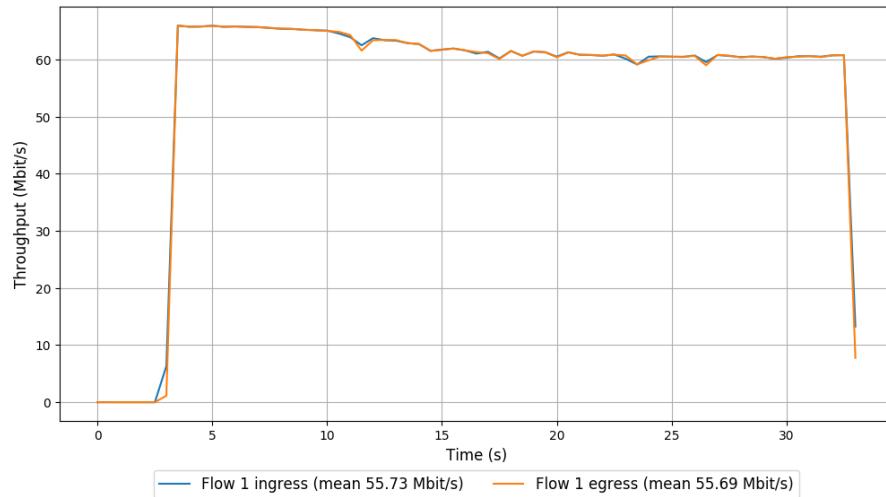


Run 2: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:58:51 +0000
End at: Fri, 16 Jun 2017 02:59:21 +0000
Local clock offset: -2.558 ms
Remote clock offset: -4.496 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:35:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.69 Mbit/s
95th percentile per-packet one-way delay: 39.661 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 55.69 Mbit/s
95th percentile per-packet one-way delay: 39.661 ms
Loss rate: 0.32%
```

Run 2: Report of Copa — Data Link

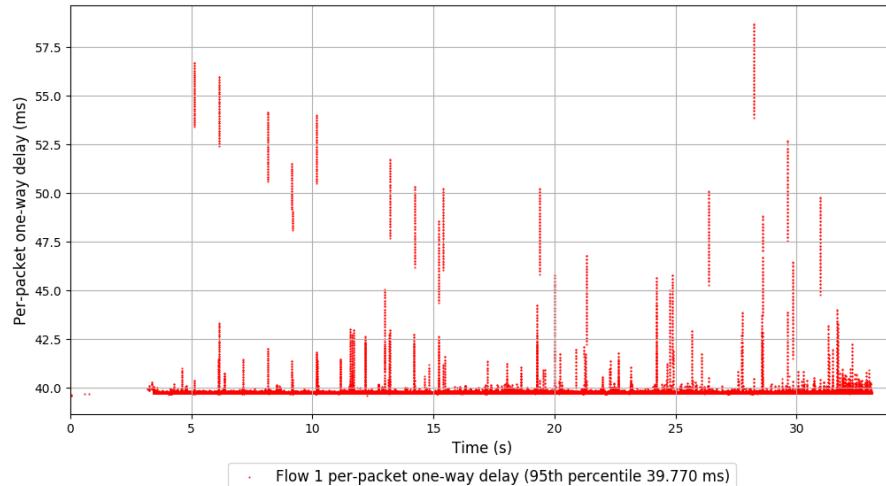
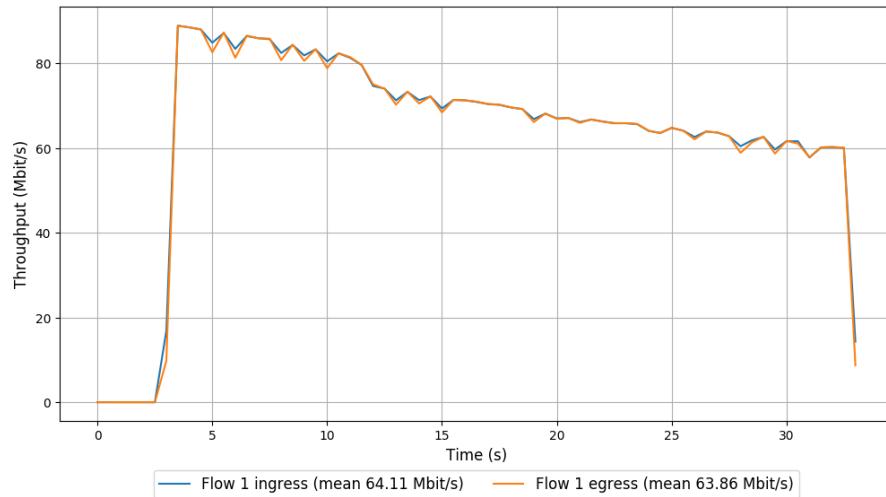


Run 3: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:18:33 +0000
End at: Fri, 16 Jun 2017 03:19:03 +0000
Local clock offset: -3.762 ms
Remote clock offset: -4.772 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.86 Mbit/s
95th percentile per-packet one-way delay: 39.770 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 63.86 Mbit/s
95th percentile per-packet one-way delay: 39.770 ms
Loss rate: 0.65%
```

Run 3: Report of Copa — Data Link

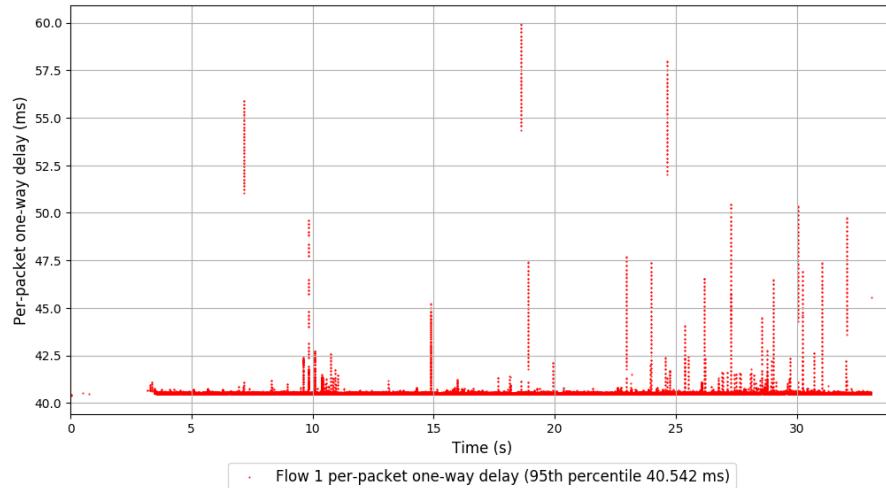
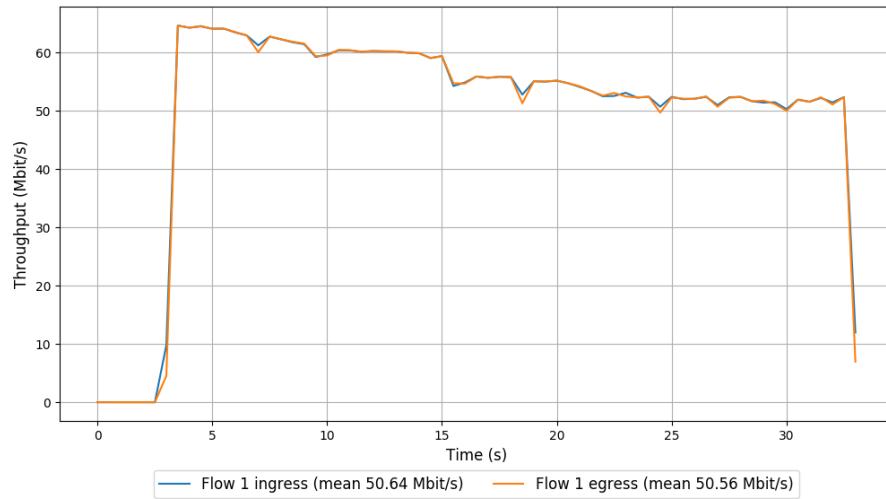


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:38:16 +0000
End at: Fri, 16 Jun 2017 03:38:46 +0000
Local clock offset: -3.577 ms
Remote clock offset: -2.476 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.56 Mbit/s
95th percentile per-packet one-way delay: 40.542 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.56 Mbit/s
95th percentile per-packet one-way delay: 40.542 ms
Loss rate: 0.42%
```

Run 4: Report of Copa — Data Link

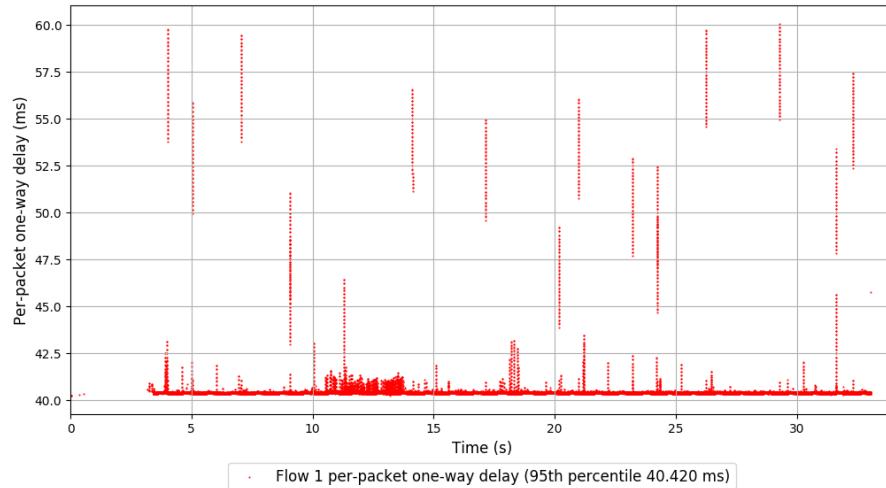
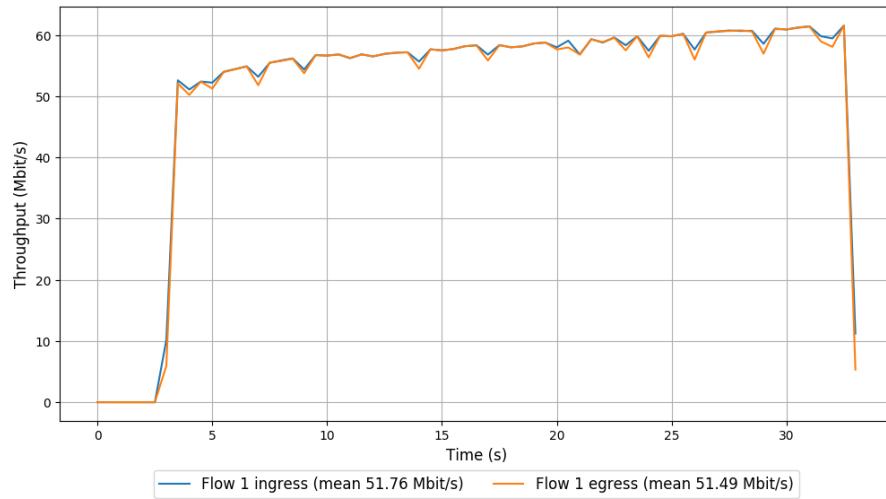


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:57:53 +0000
End at: Fri, 16 Jun 2017 03:58:23 +0000
Local clock offset: -3.433 ms
Remote clock offset: -2.016 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.49 Mbit/s
95th percentile per-packet one-way delay: 40.420 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 51.49 Mbit/s
95th percentile per-packet one-way delay: 40.420 ms
Loss rate: 0.76%
```

Run 5: Report of Copa — Data Link

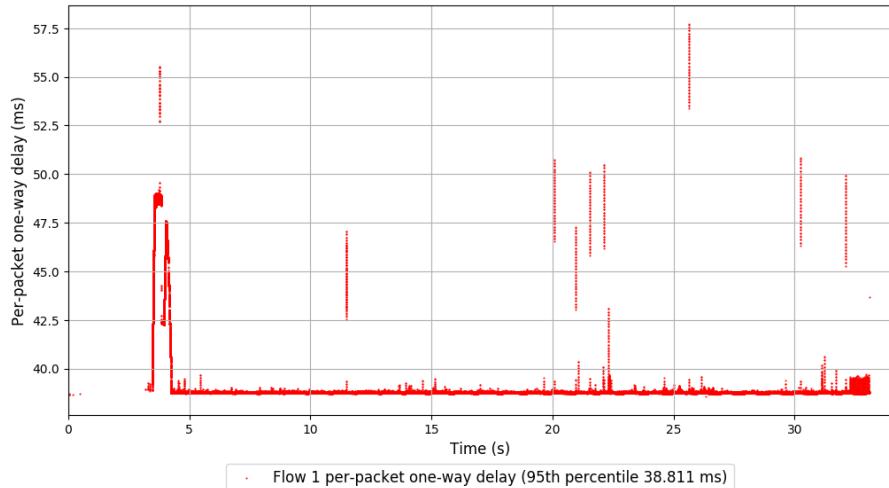
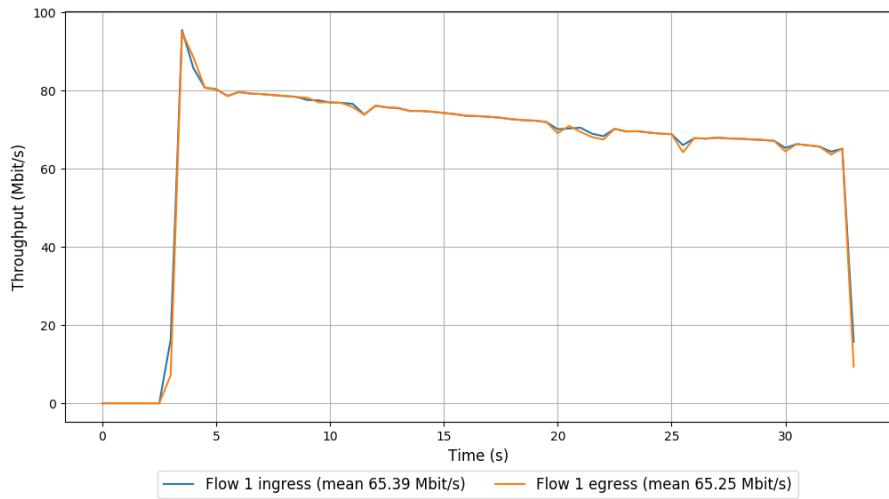


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:17:31 +0000
End at: Fri, 16 Jun 2017 04:18:01 +0000
Local clock offset: -2.772 ms
Remote clock offset: -4.492 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.25 Mbit/s
95th percentile per-packet one-way delay: 38.811 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 65.25 Mbit/s
95th percentile per-packet one-way delay: 38.811 ms
Loss rate: 0.46%
```

Run 6: Report of Copa — Data Link

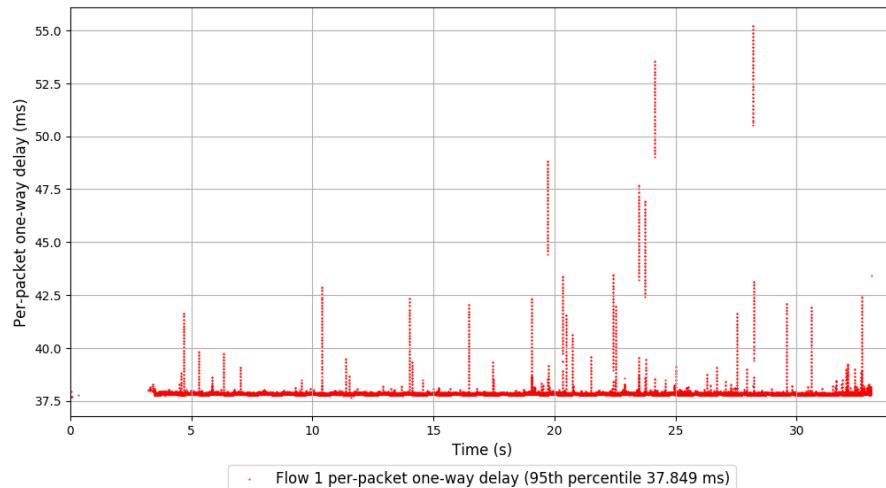
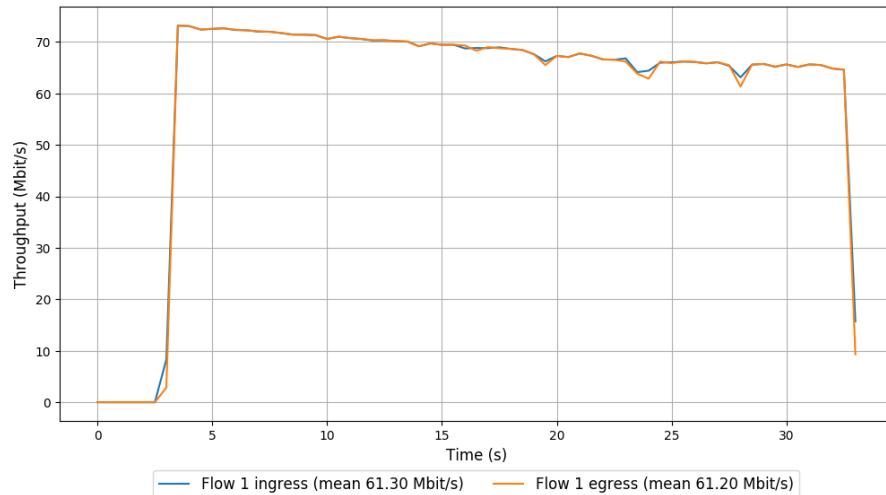


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:37:13 +0000
End at: Fri, 16 Jun 2017 04:37:43 +0000
Local clock offset: -1.786 ms
Remote clock offset: -4.814 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 37.849 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 37.849 ms
Loss rate: 0.40%
```

Run 7: Report of Copa — Data Link

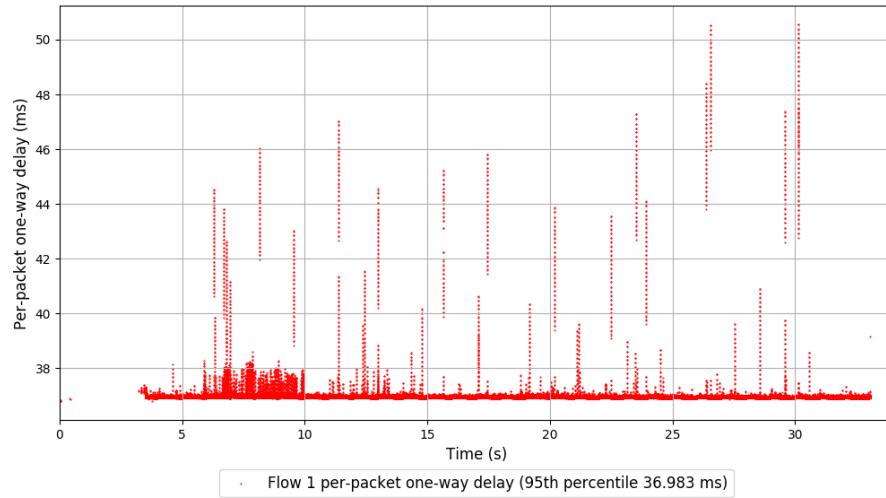
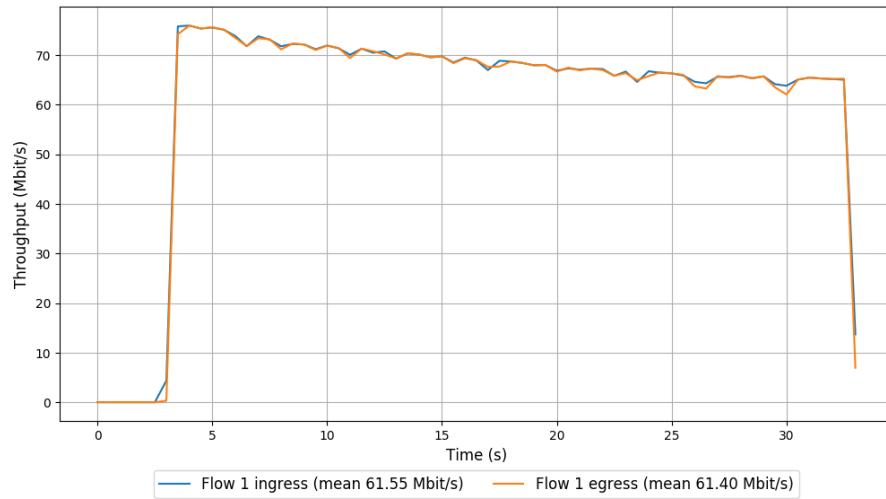


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:56:57 +0000
End at: Fri, 16 Jun 2017 04:57:27 +0000
Local clock offset: -0.979 ms
Remote clock offset: -1.95 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.40 Mbit/s
95th percentile per-packet one-way delay: 36.983 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 61.40 Mbit/s
95th percentile per-packet one-way delay: 36.983 ms
Loss rate: 0.50%
```

Run 8: Report of Copa — Data Link

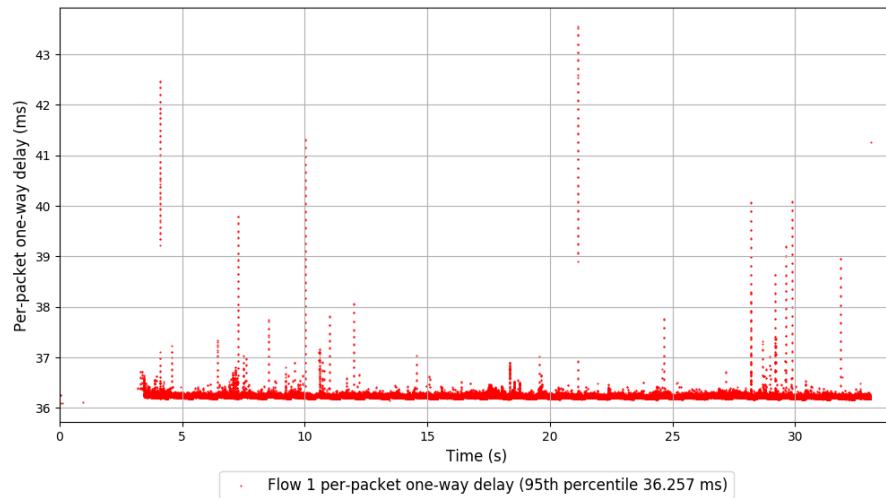
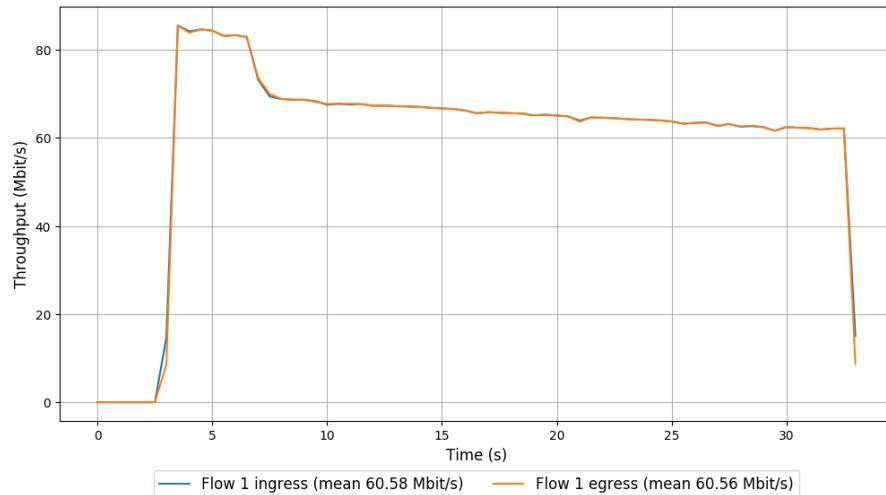


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 05:17:08 +0000
End at: Fri, 16 Jun 2017 05:17:38 +0000
Local clock offset: -0.286 ms
Remote clock offset: -4.578 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:36:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.56 Mbit/s
95th percentile per-packet one-way delay: 36.257 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 60.56 Mbit/s
95th percentile per-packet one-way delay: 36.257 ms
Loss rate: 0.28%
```

Run 9: Report of Copa — Data Link

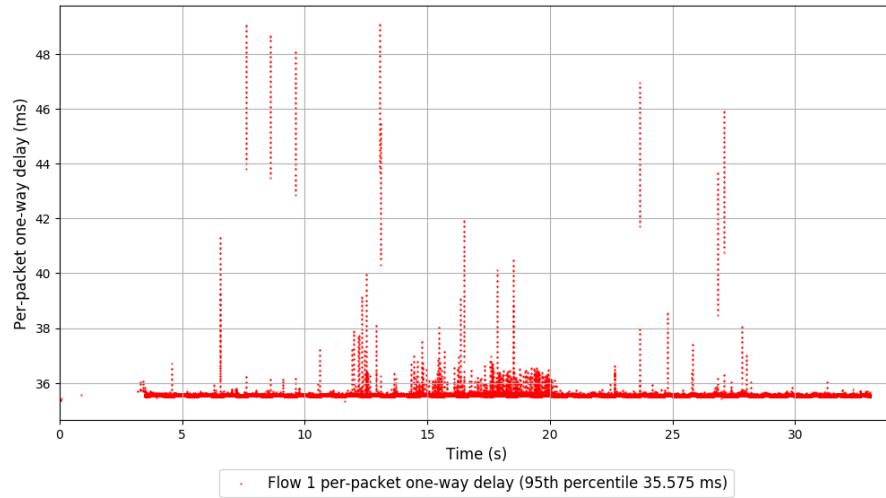
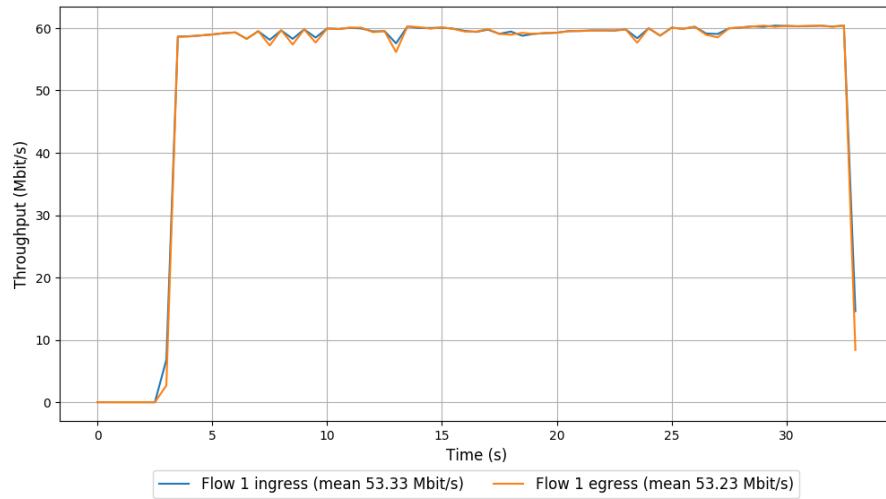


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 05:36:46 +0000
End at: Fri, 16 Jun 2017 05:37:16 +0000
Local clock offset: 0.378 ms
Remote clock offset: -1.991 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.23 Mbit/s
95th percentile per-packet one-way delay: 35.575 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 53.23 Mbit/s
95th percentile per-packet one-way delay: 35.575 ms
Loss rate: 0.45%
```

Run 10: Report of Copa — Data Link

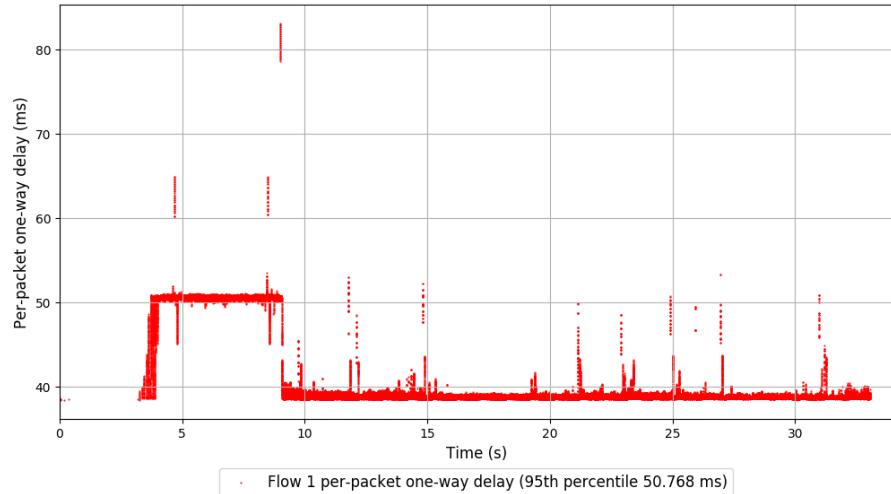
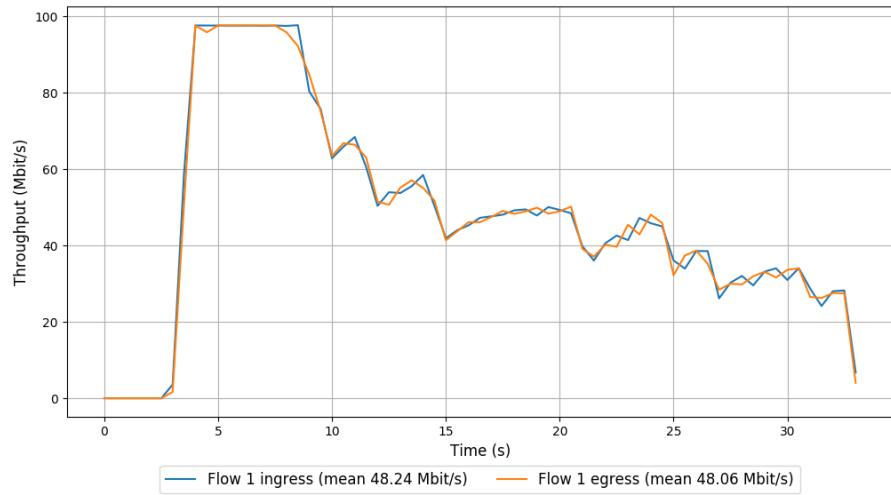


Run 1: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:36:31 +0000
End at: Fri, 16 Jun 2017 02:37:01 +0000
Local clock offset: -1.623 ms
Remote clock offset: -2.331 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 50.768 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 50.768 ms
Loss rate: 0.61%
```

Run 1: Report of TCP Cubic — Data Link

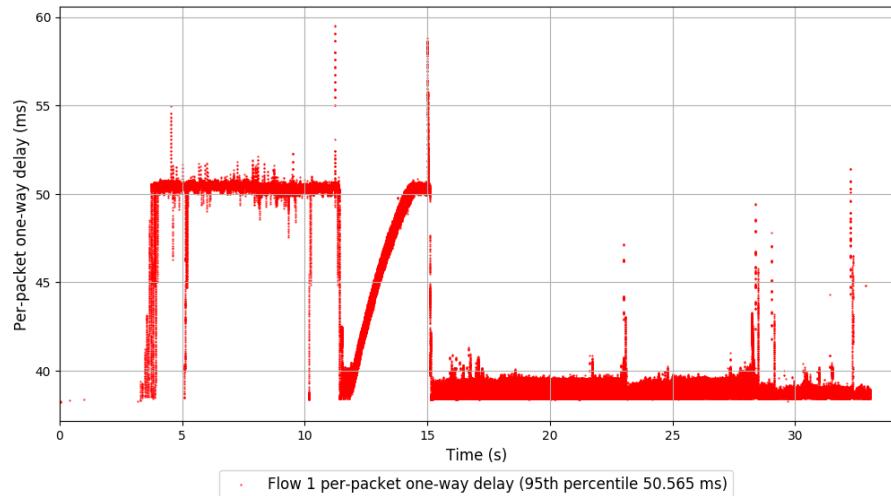
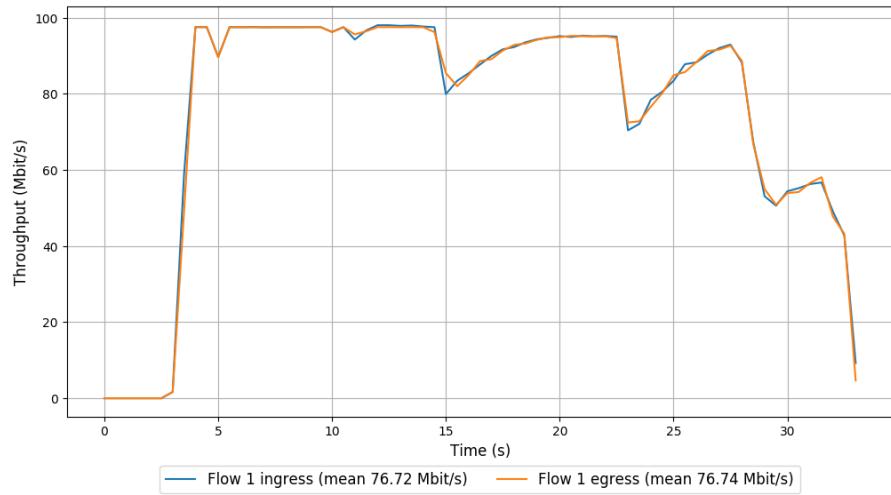


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:56:12 +0000
End at: Fri, 16 Jun 2017 02:56:42 +0000
Local clock offset: -2.331 ms
Remote clock offset: -2.36 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.74 Mbit/s
95th percentile per-packet one-way delay: 50.565 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 76.74 Mbit/s
95th percentile per-packet one-way delay: 50.565 ms
Loss rate: 0.24%
```

Run 2: Report of TCP Cubic — Data Link

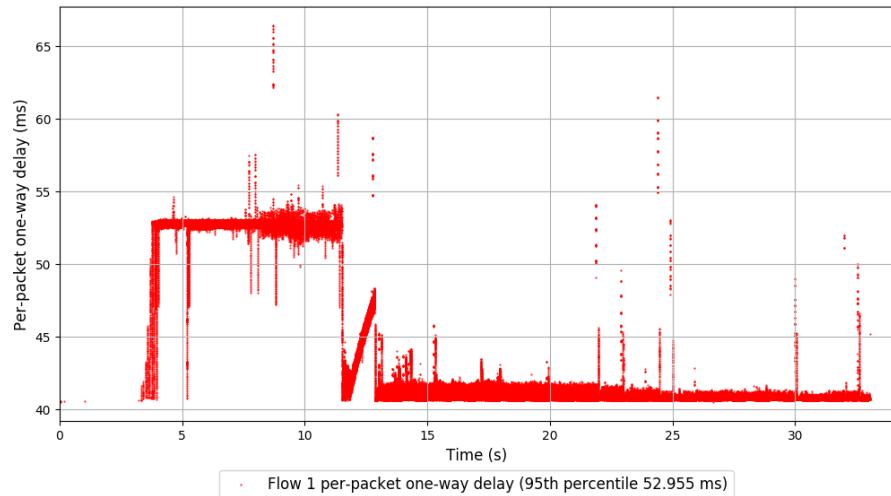
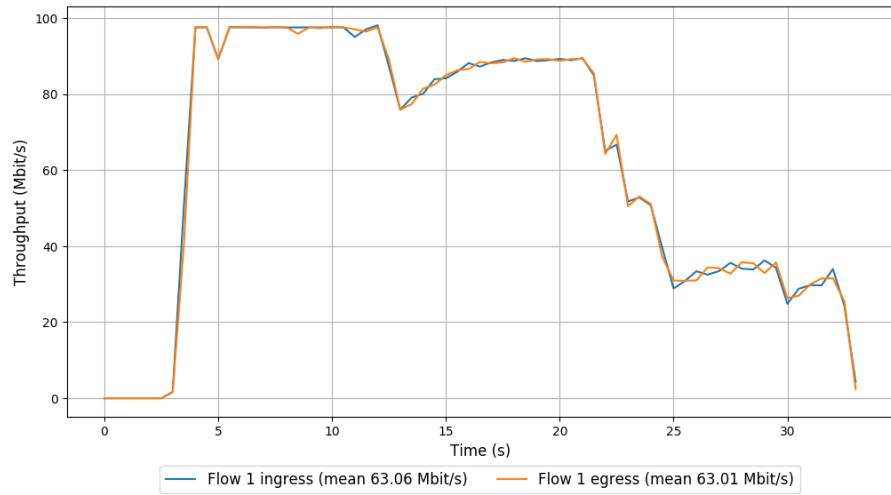


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:15:55 +0000
End at: Fri, 16 Jun 2017 03:16:25 +0000
Local clock offset: -3.71 ms
Remote clock offset: -4.537 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 52.955 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 52.955 ms
Loss rate: 0.30%
```

Run 3: Report of TCP Cubic — Data Link

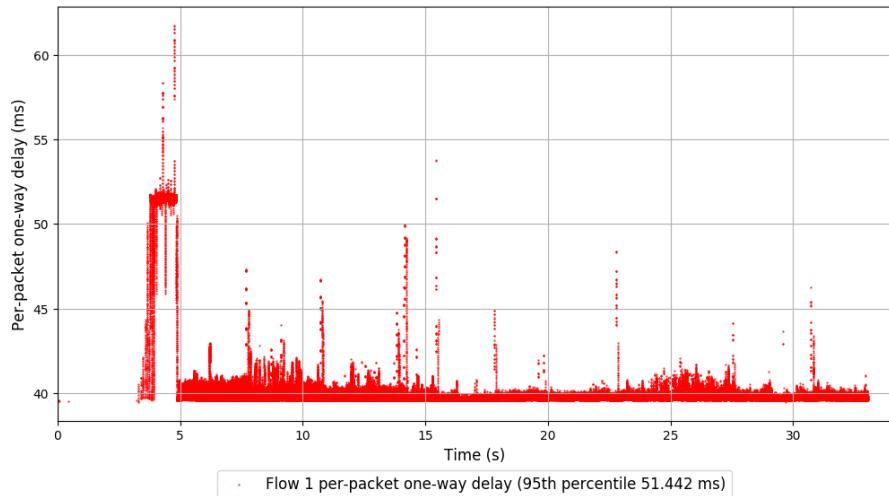
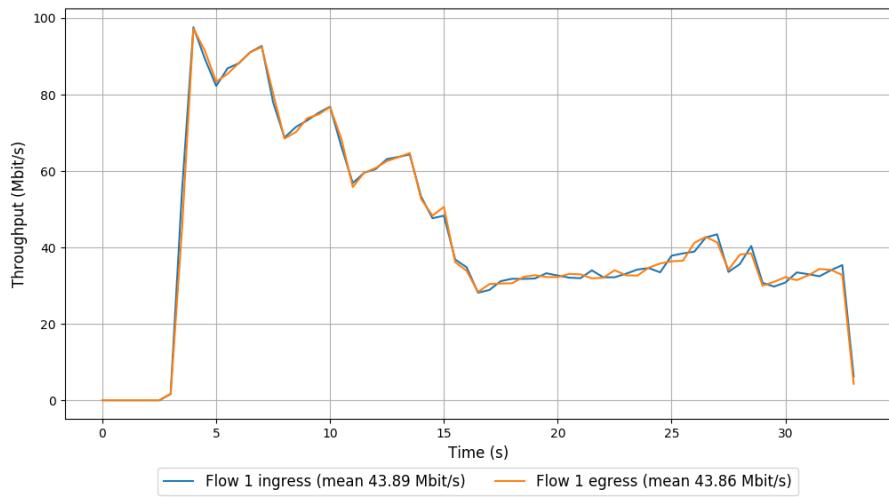


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:35:39 +0000
End at: Fri, 16 Jun 2017 03:36:09 +0000
Local clock offset: -3.592 ms
Remote clock offset: -2.354 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.86 Mbit/s
95th percentile per-packet one-way delay: 51.442 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 43.86 Mbit/s
95th percentile per-packet one-way delay: 51.442 ms
Loss rate: 0.32%
```

Run 4: Report of TCP Cubic — Data Link

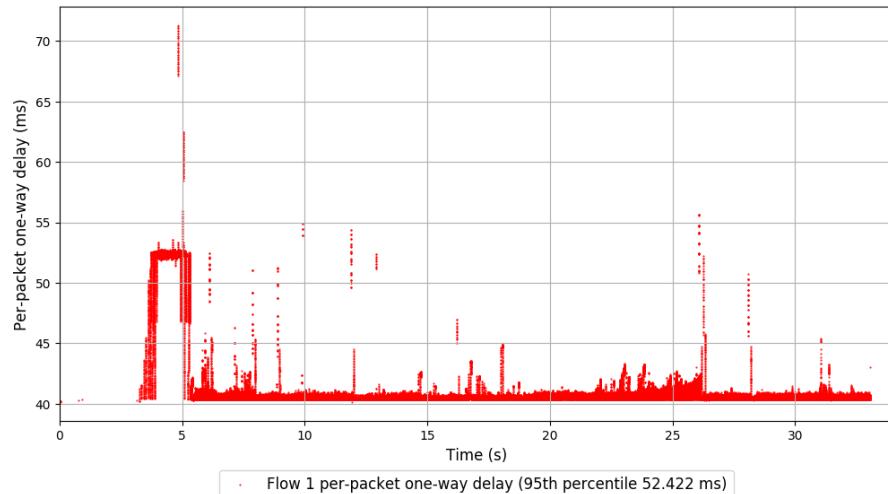
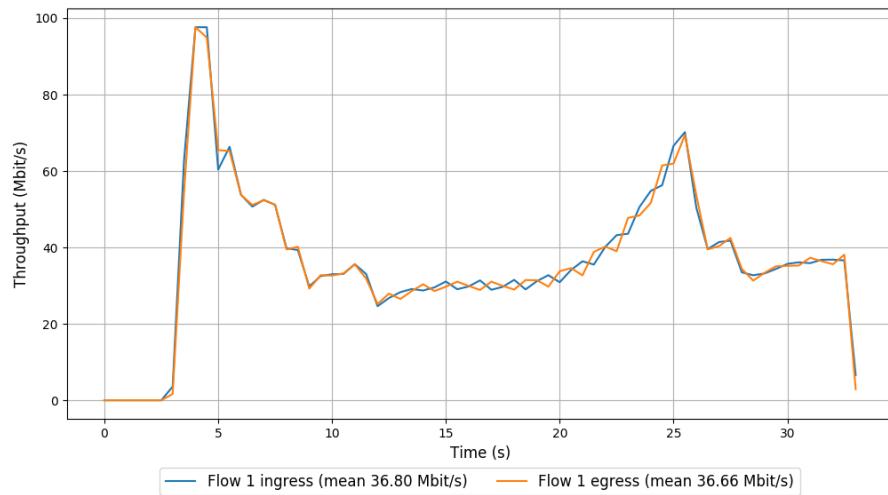


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:55:17 +0000
End at: Fri, 16 Jun 2017 03:55:47 +0000
Local clock offset: -3.358 ms
Remote clock offset: -2.449 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 52.422 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 52.422 ms
Loss rate: 0.61%
```

Run 5: Report of TCP Cubic — Data Link

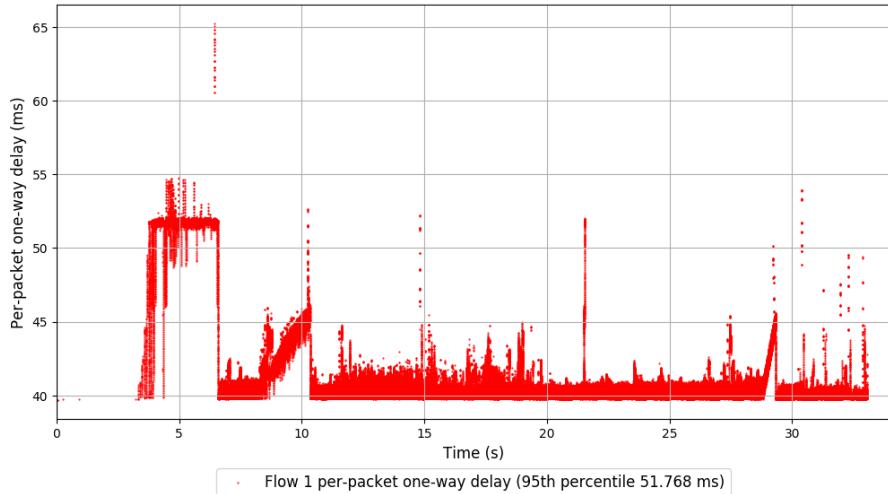
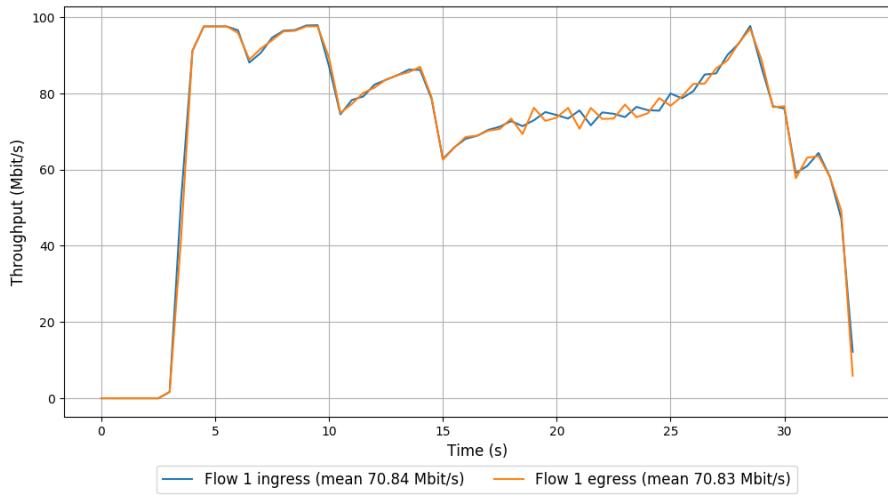


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:14:52 +0000
End at: Fri, 16 Jun 2017 04:15:22 +0000
Local clock offset: -2.875 ms
Remote clock offset: -4.858 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 51.768 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 51.768 ms
Loss rate: 0.28%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 04:34:33 +0000

End at: Fri, 16 Jun 2017 04:35:03 +0000

Local clock offset: -1.921 ms

Remote clock offset: -2.33 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:37:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.04 Mbit/s

95th percentile per-packet one-way delay: 50.147 ms

Loss rate: 0.36%

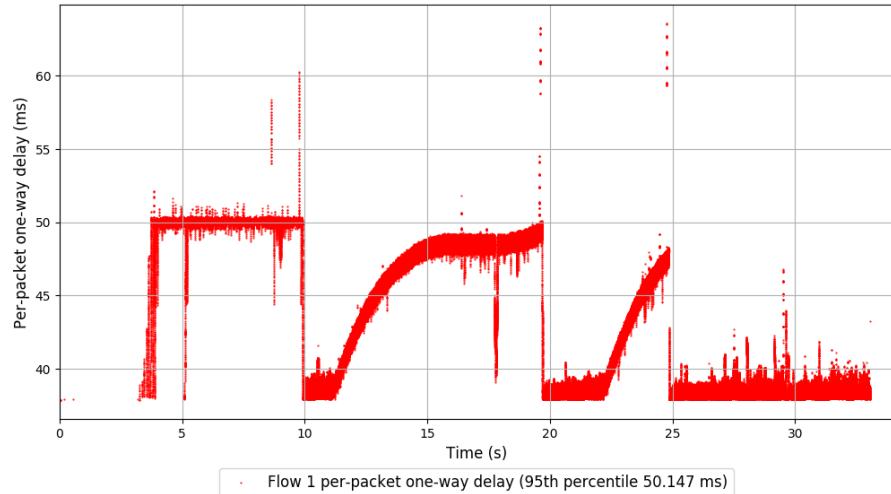
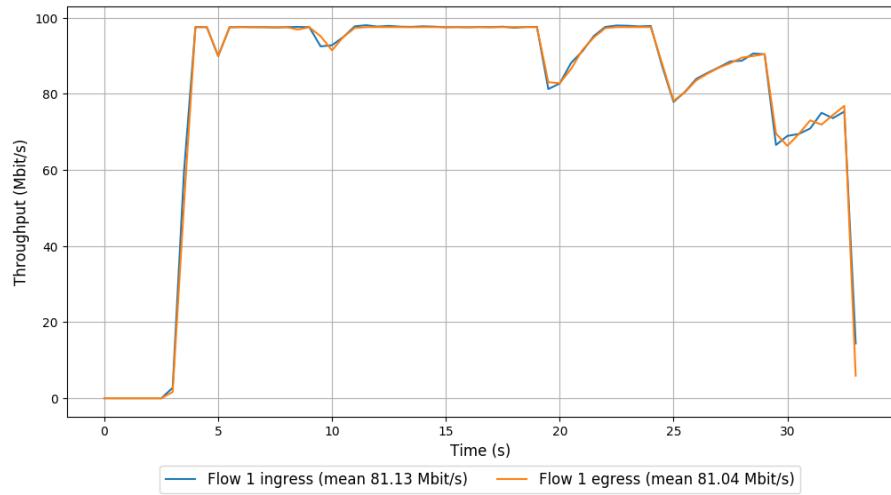
-- Flow 1:

Average throughput: 81.04 Mbit/s

95th percentile per-packet one-way delay: 50.147 ms

Loss rate: 0.36%

Run 7: Report of TCP Cubic — Data Link

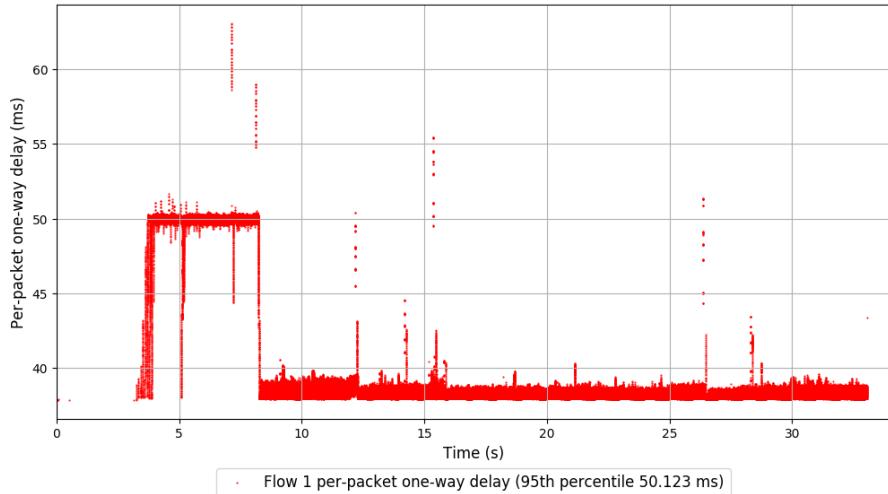
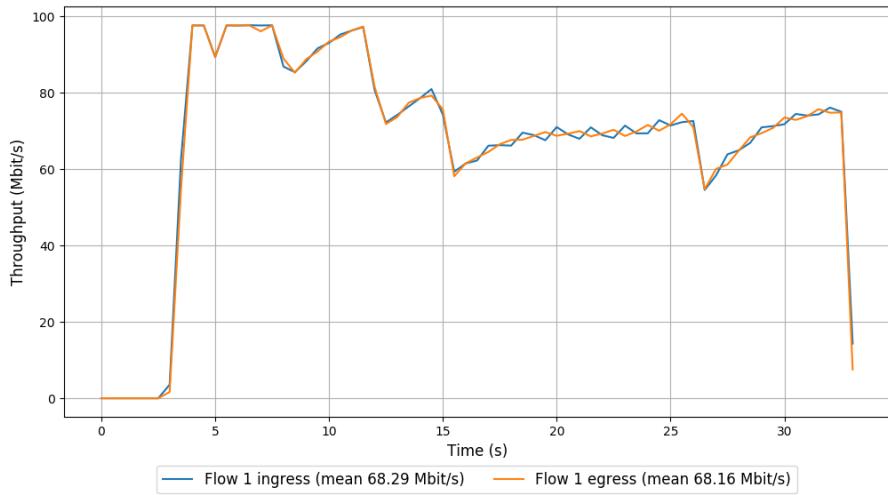


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:54:17 +0000
End at: Fri, 16 Jun 2017 04:54:47 +0000
Local clock offset: -1.041 ms
Remote clock offset: -2.43 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 50.123 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 50.123 ms
Loss rate: 0.43%
```

Run 8: Report of TCP Cubic — Data Link

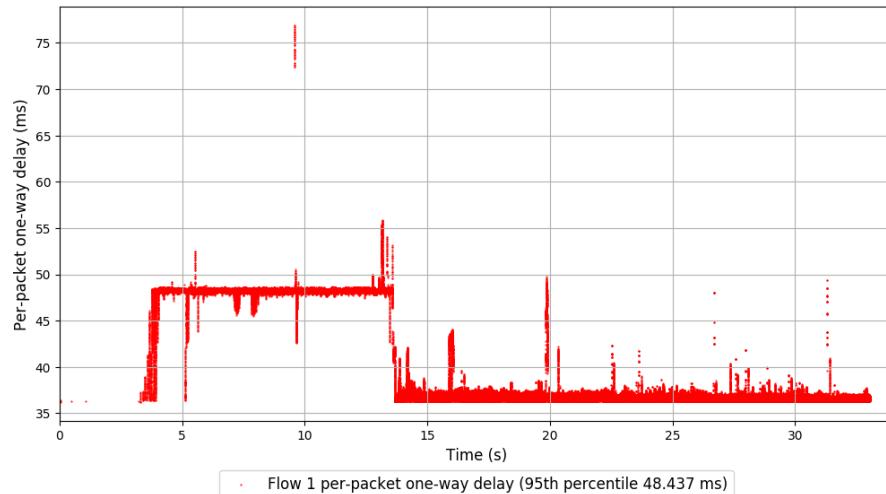
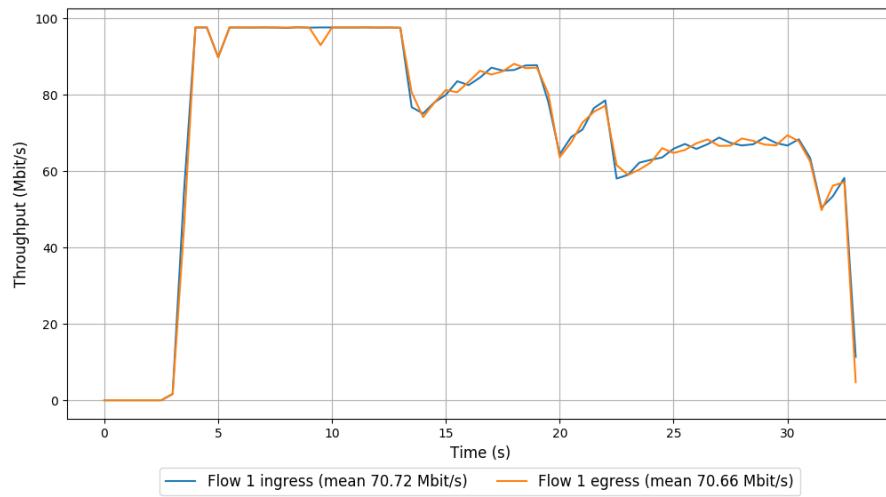


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 05:14:30 +0000
End at: Fri, 16 Jun 2017 05:15:00 +0000
Local clock offset: -0.481 ms
Remote clock offset: -1.962 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.66 Mbit/s
95th percentile per-packet one-way delay: 48.437 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 70.66 Mbit/s
95th percentile per-packet one-way delay: 48.437 ms
Loss rate: 0.34%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 05:34:09 +0000
```

```
End at: Fri, 16 Jun 2017 05:34:39 +0000
```

```
Local clock offset: 0.207 ms
```

```
Remote clock offset: -4.837 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:54 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 54.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.717 ms
```

```
Loss rate: 0.20%
```

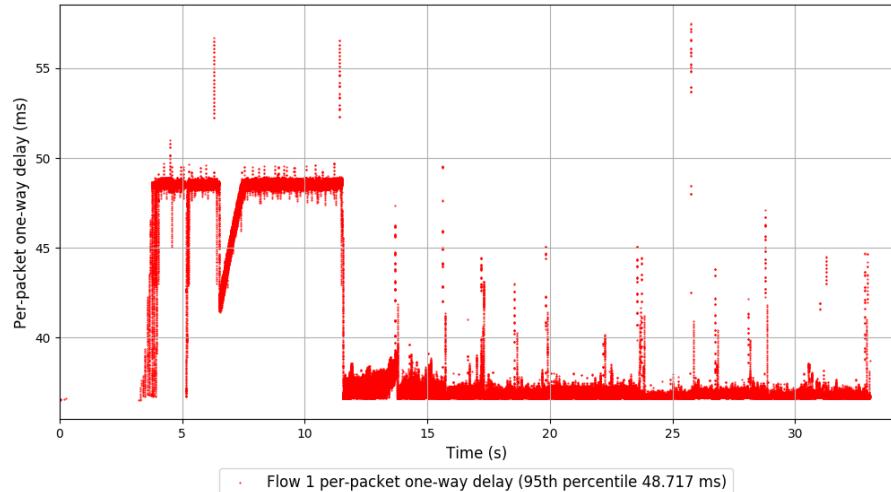
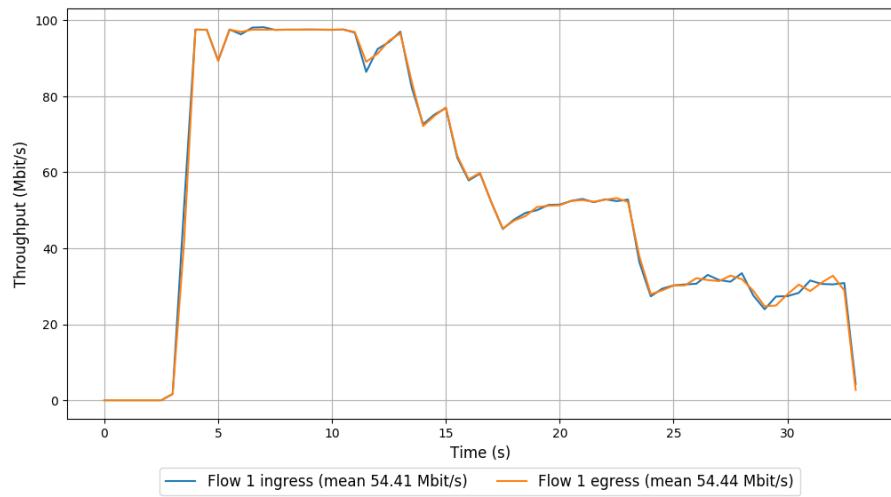
```
-- Flow 1:
```

```
Average throughput: 54.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.717 ms
```

```
Loss rate: 0.20%
```

Run 10: Report of TCP Cubic — Data Link

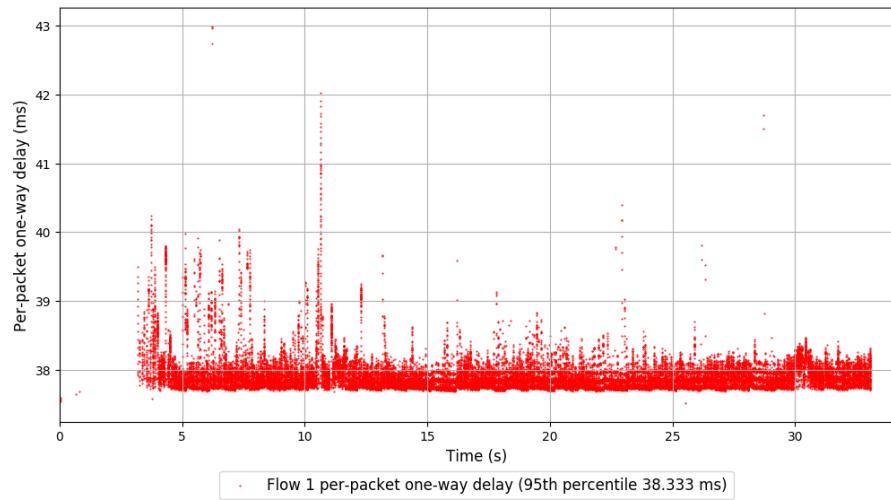
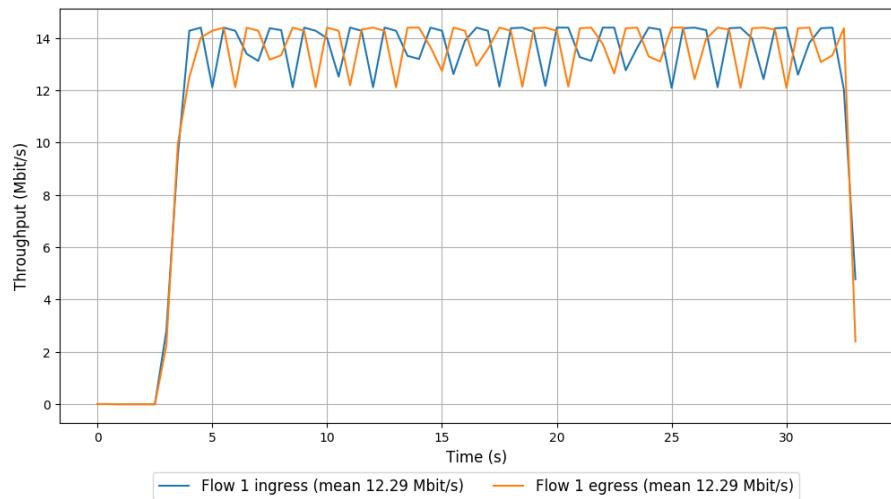


Run 1: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:41:46 +0000
End at: Fri, 16 Jun 2017 02:42:16 +0000
Local clock offset: -1.743 ms
Remote clock offset: -1.858 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 38.333 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 38.333 ms
Loss rate: 0.29%
```

Run 1: Report of KohoCC — Data Link

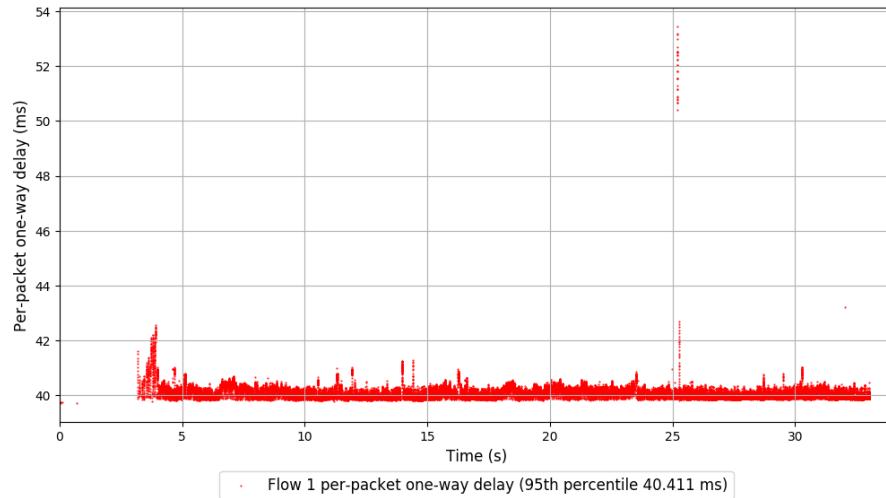
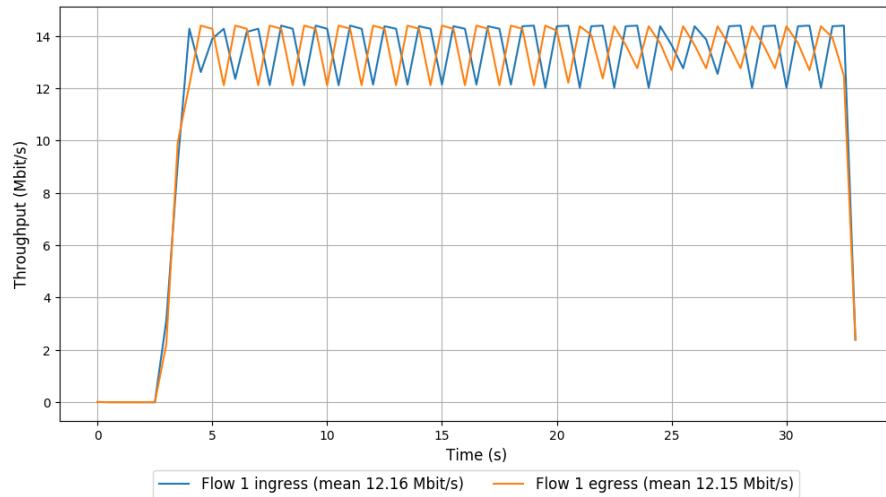


Run 2: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:01:29 +0000
End at: Fri, 16 Jun 2017 03:01:59 +0000
Local clock offset: -2.805 ms
Remote clock offset: -2.434 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 40.411 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 40.411 ms
Loss rate: 0.30%
```

Run 2: Report of KohoCC — Data Link

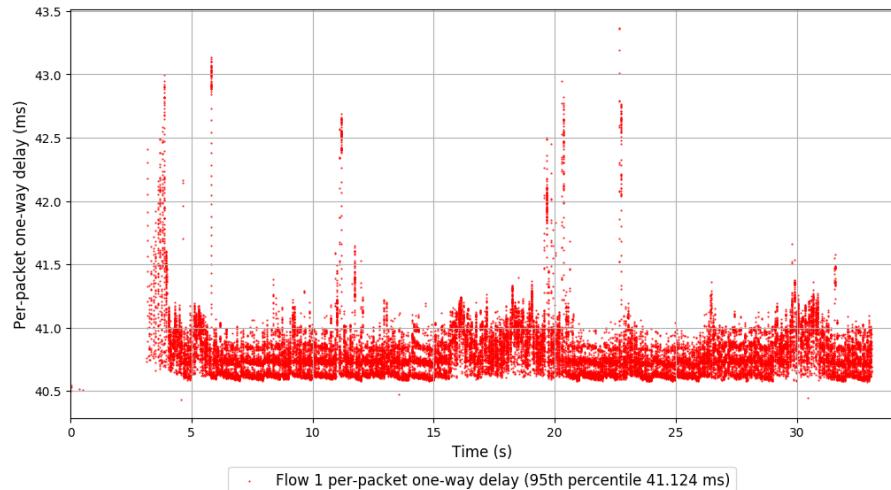
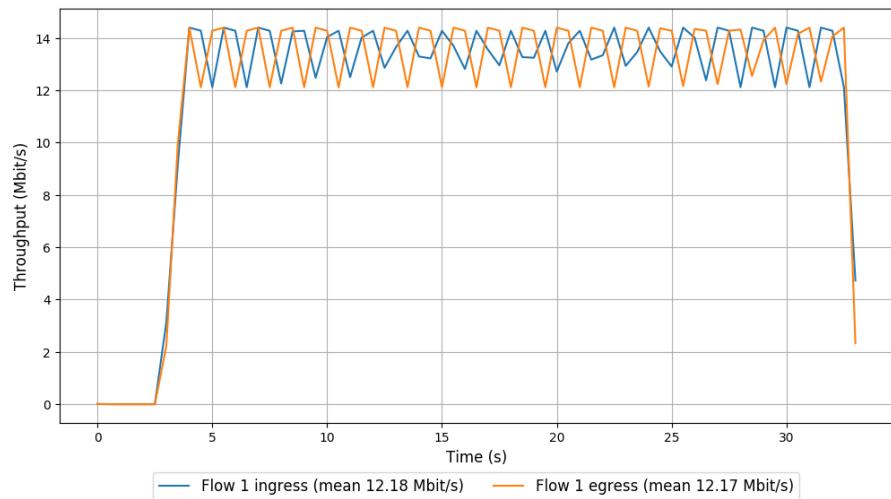


Run 3: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:21:12 +0000
End at: Fri, 16 Jun 2017 03:21:42 +0000
Local clock offset: -3.664 ms
Remote clock offset: -4.533 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.17 Mbit/s
95th percentile per-packet one-way delay: 41.124 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.17 Mbit/s
95th percentile per-packet one-way delay: 41.124 ms
Loss rate: 0.30%
```

Run 3: Report of KohoCC — Data Link

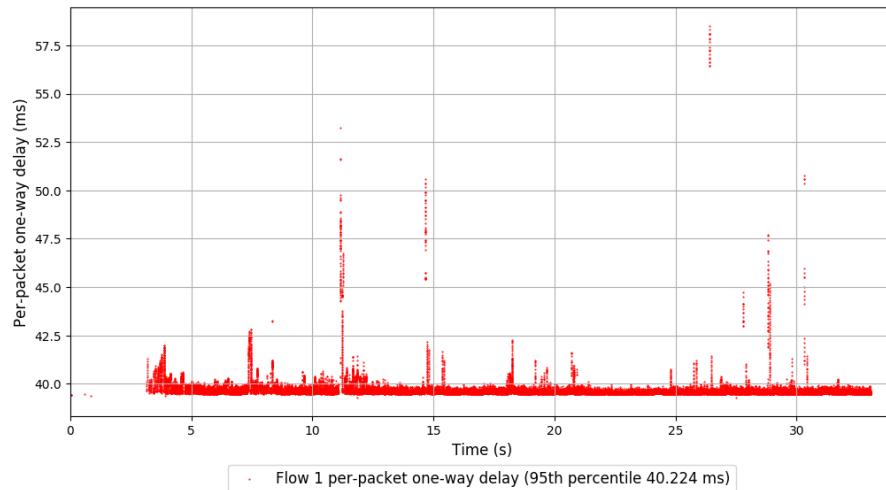
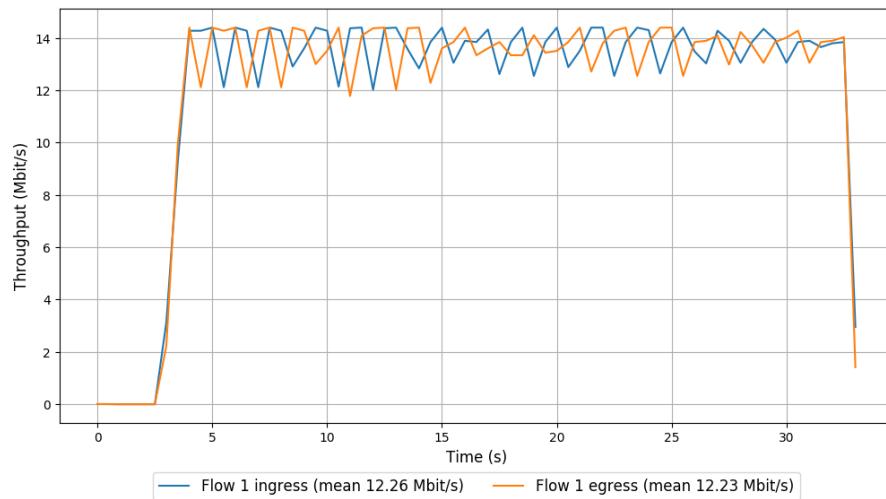


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:40:53 +0000
End at: Fri, 16 Jun 2017 03:41:23 +0000
Local clock offset: -3.522 ms
Remote clock offset: -2.279 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.23 Mbit/s
95th percentile per-packet one-way delay: 40.224 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 12.23 Mbit/s
95th percentile per-packet one-way delay: 40.224 ms
Loss rate: 0.45%
```

Run 4: Report of KohoCC — Data Link

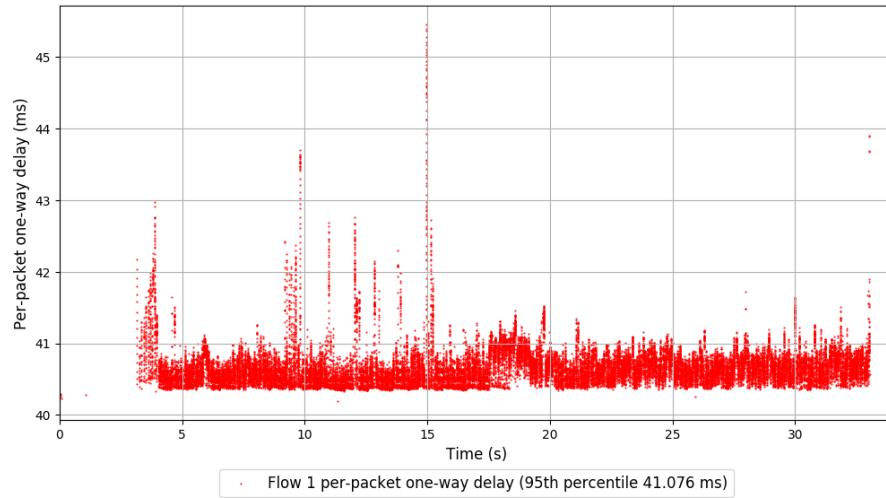
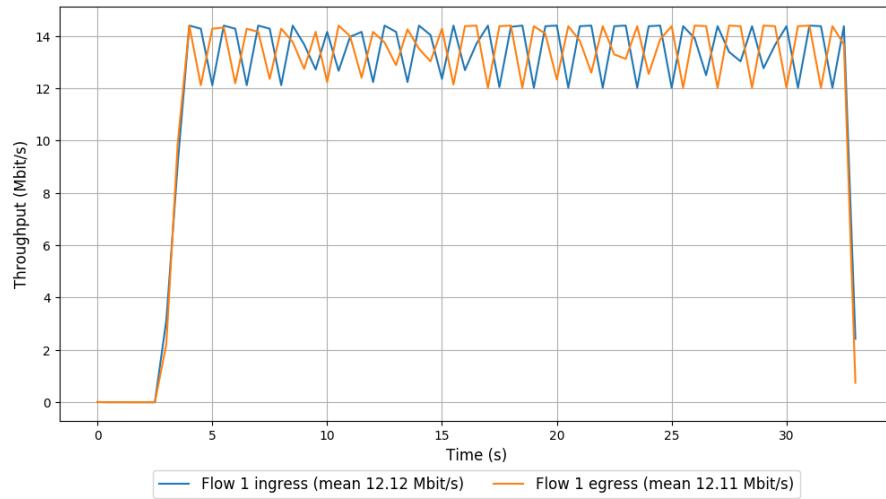


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:00:30 +0000
End at: Fri, 16 Jun 2017 04:01:00 +0000
Local clock offset: -3.377 ms
Remote clock offset: -4.776 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:37:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 41.076 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 41.076 ms
Loss rate: 0.30%
```

Run 5: Report of KohoCC — Data Link

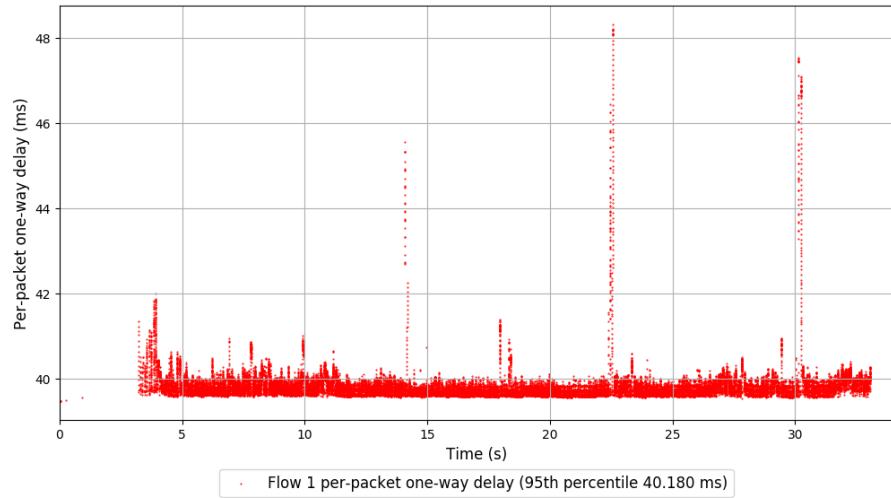
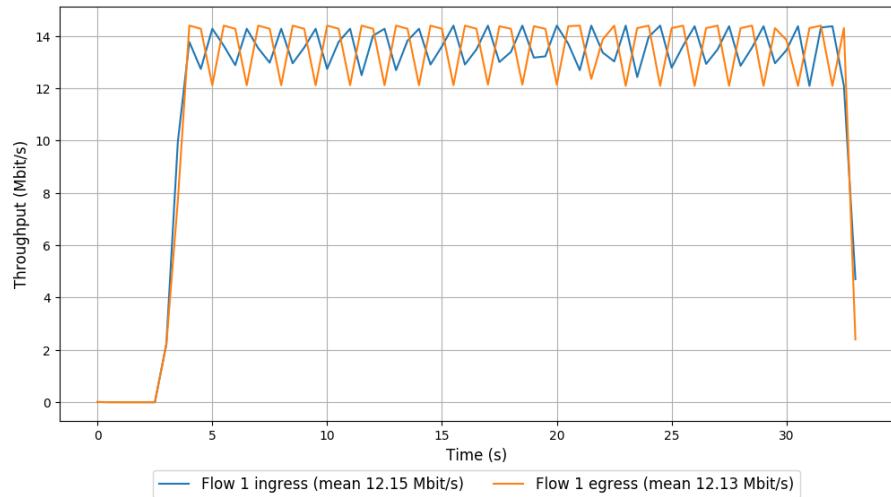


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:20:10 +0000
End at: Fri, 16 Jun 2017 04:20:40 +0000
Local clock offset: -2.737 ms
Remote clock offset: -4.925 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 40.180 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 40.180 ms
Loss rate: 0.39%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 04:39:51 +0000

End at: Fri, 16 Jun 2017 04:40:21 +0000

Local clock offset: -1.639 ms

Remote clock offset: -1.905 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:38:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 38.548 ms

Loss rate: 0.30%

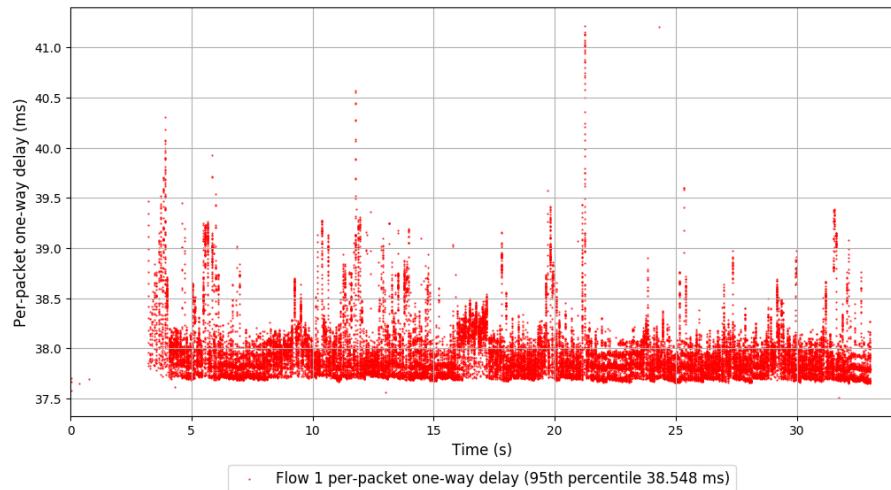
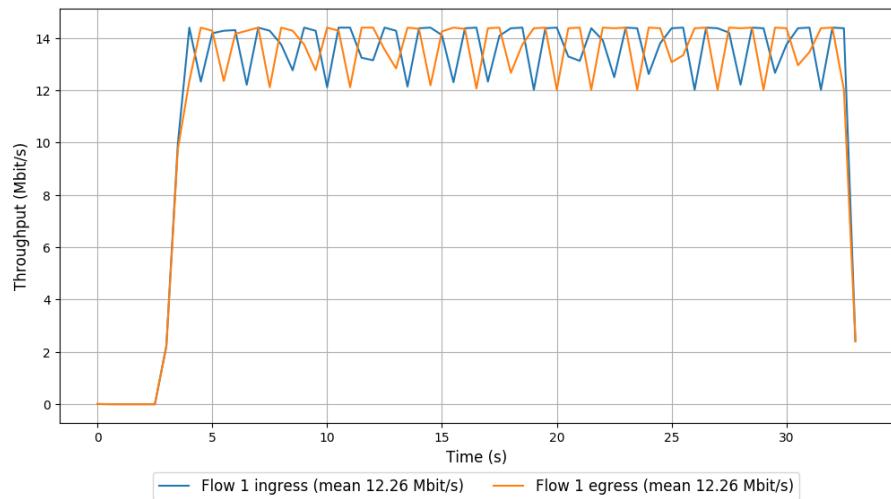
-- Flow 1:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 38.548 ms

Loss rate: 0.30%

Run 7: Report of KohoCC — Data Link

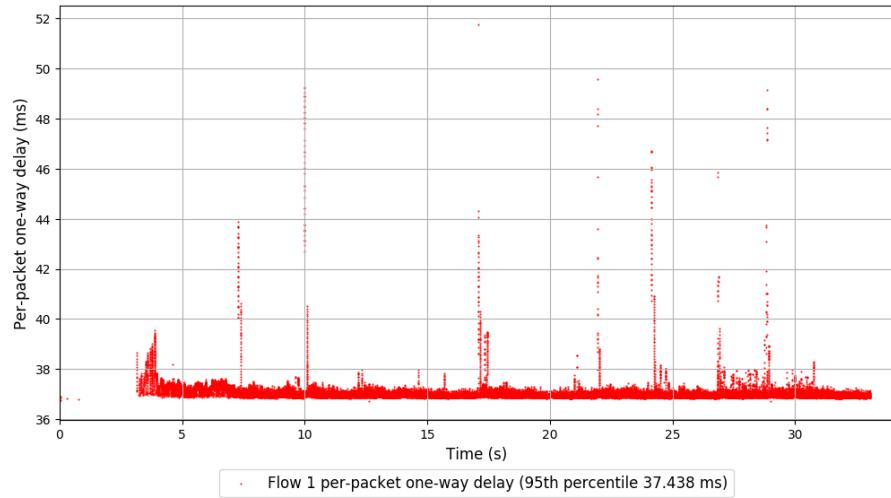
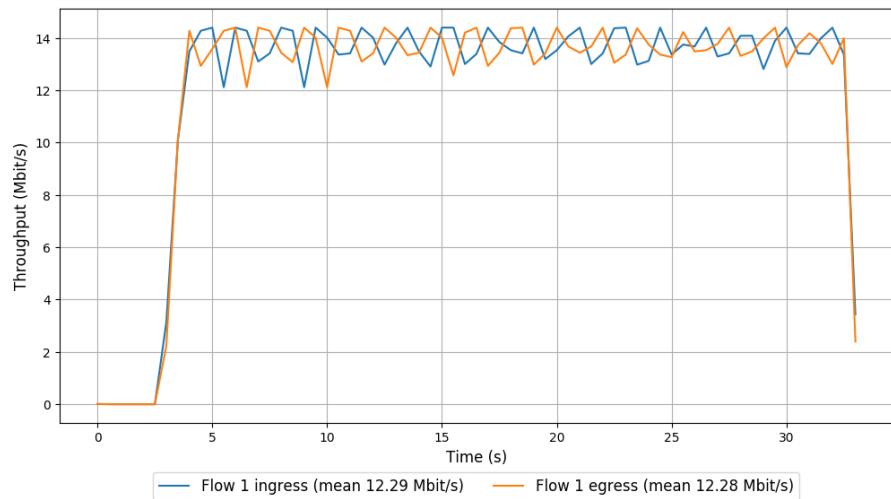


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:59:36 +0000
End at: Fri, 16 Jun 2017 05:00:06 +0000
Local clock offset: -0.953 ms
Remote clock offset: -2.499 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 37.438 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 37.438 ms
Loss rate: 0.37%
```

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

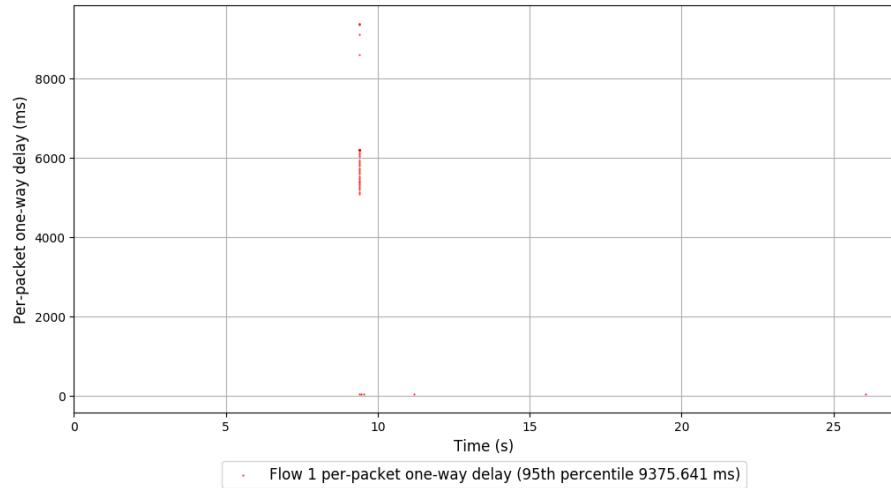
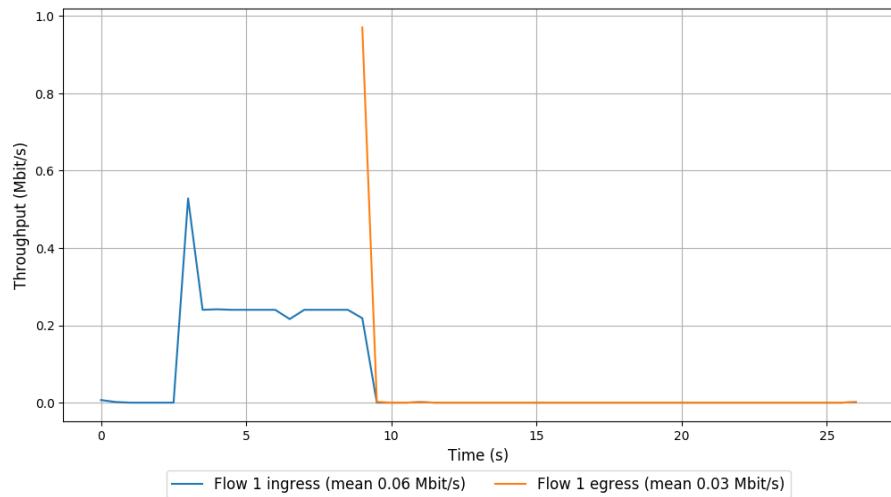
Start at: Fri, 16 Jun 2017 05:19:47 +0000

End at: Fri, 16 Jun 2017 05:20:17 +0000

Local clock offset: -0.285 ms

Remote clock offset: -2.038 ms

Run 9: Report of KohoCC — Data Link

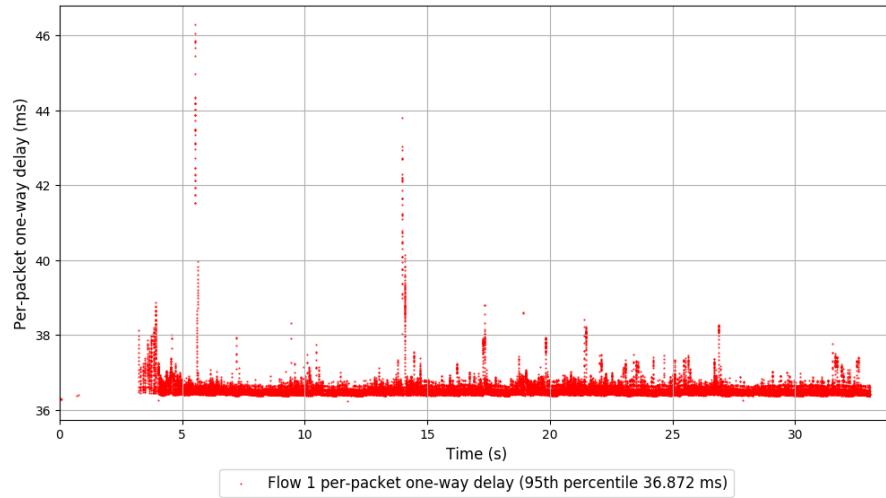
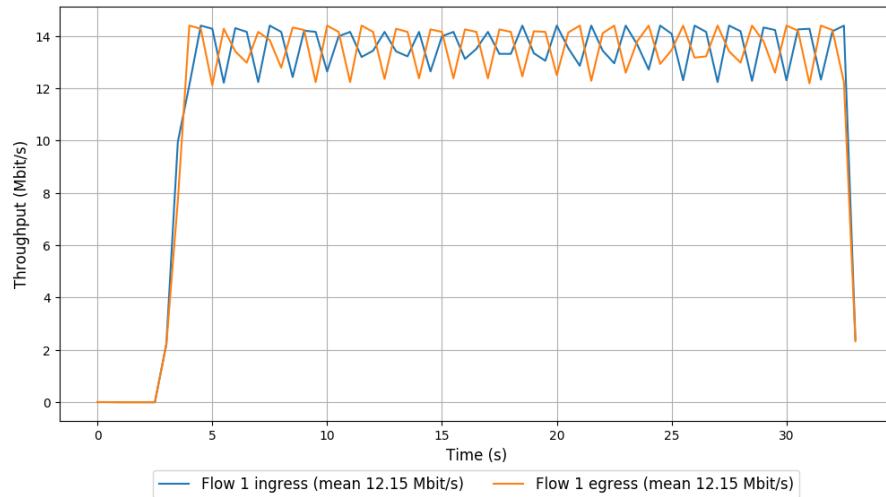


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 05:39:24 +0000
End at: Fri, 16 Jun 2017 05:39:54 +0000
Local clock offset: 0.483 ms
Remote clock offset: -2.44 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 36.872 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 36.872 ms
Loss rate: 0.31%
```

Run 10: Report of KohoCC — Data Link

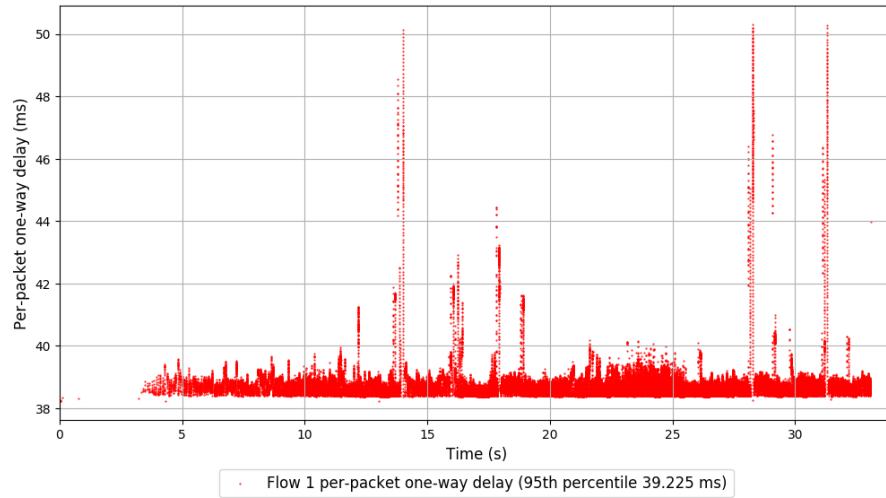
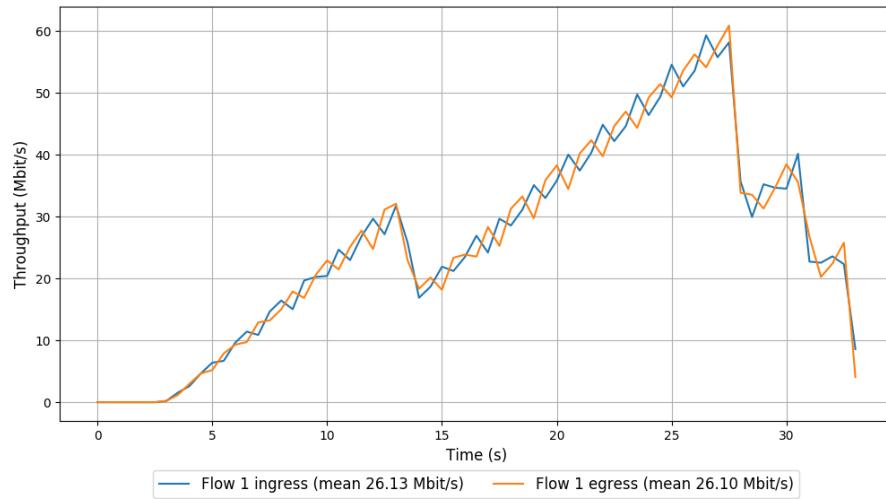


Run 1: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:28:41 +0000
End at: Fri, 16 Jun 2017 02:29:11 +0000
Local clock offset: -1.404 ms
Remote clock offset: -1.894 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 39.225 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 39.225 ms
Loss rate: 0.36%
```

Run 1: Report of LEDBAT — Data Link

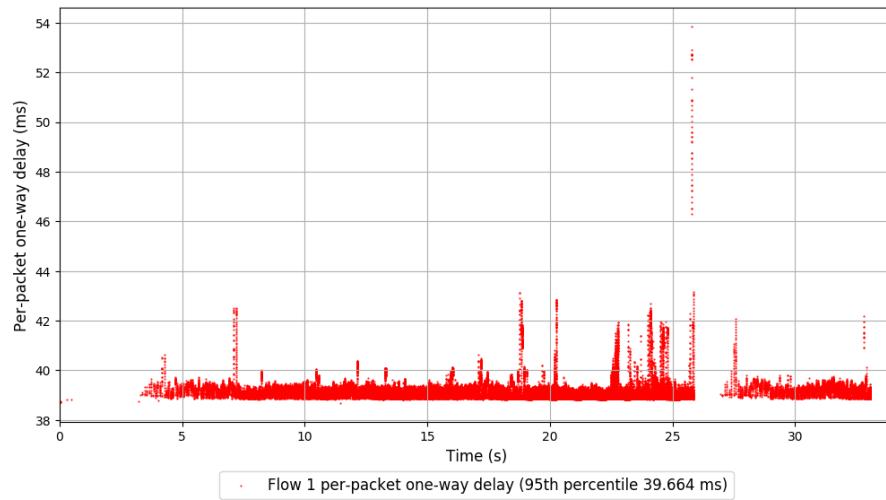
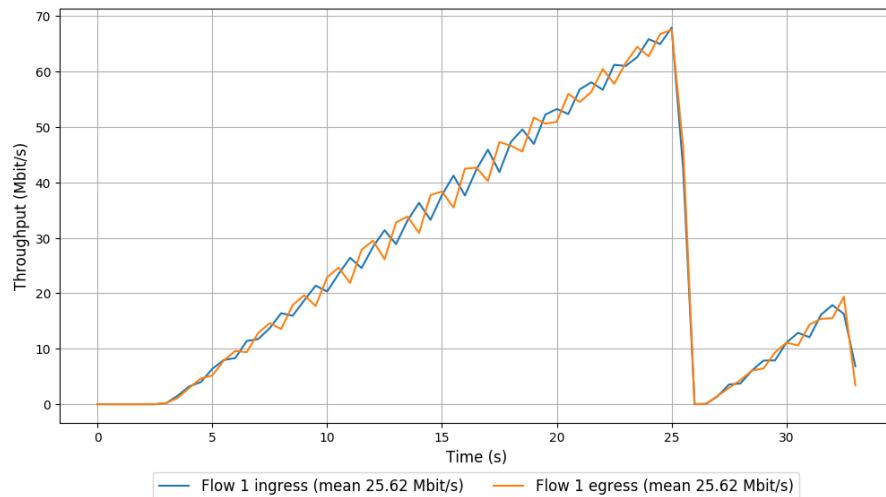


Run 2: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:48:17 +0000
End at: Fri, 16 Jun 2017 02:48:47 +0000
Local clock offset: -1.889 ms
Remote clock offset: -4.368 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 39.664 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 39.664 ms
Loss rate: 0.27%
```

Run 2: Report of LEDBAT — Data Link

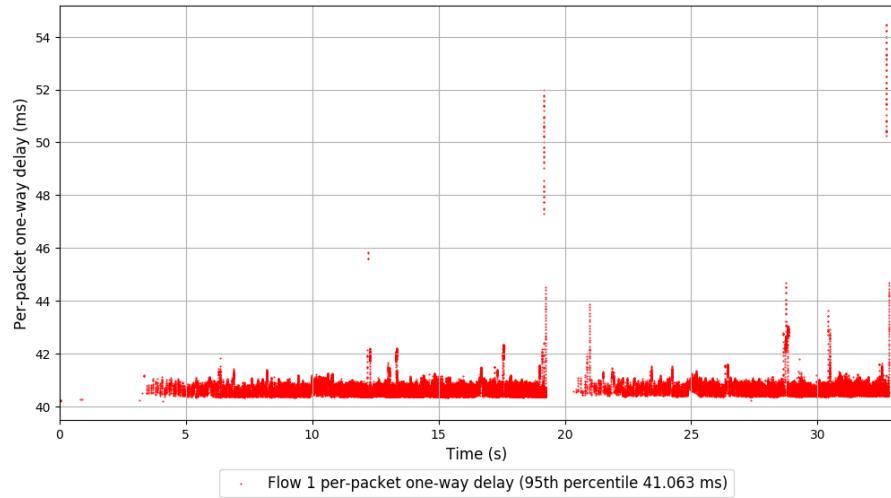
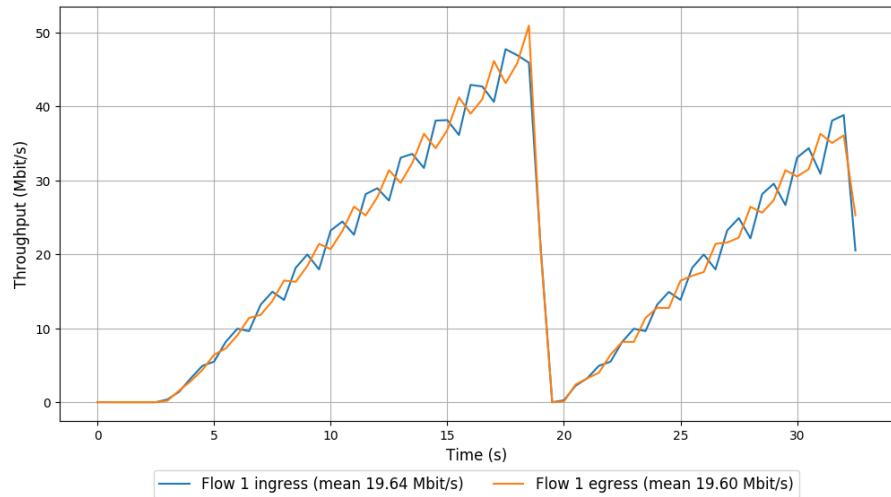


Run 3: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:08:02 +0000
End at: Fri, 16 Jun 2017 03:08:32 +0000
Local clock offset: -3.34 ms
Remote clock offset: -1.984 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.60 Mbit/s
95th percentile per-packet one-way delay: 41.063 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 19.60 Mbit/s
95th percentile per-packet one-way delay: 41.063 ms
Loss rate: 0.17%
```

Run 3: Report of LEDBAT — Data Link

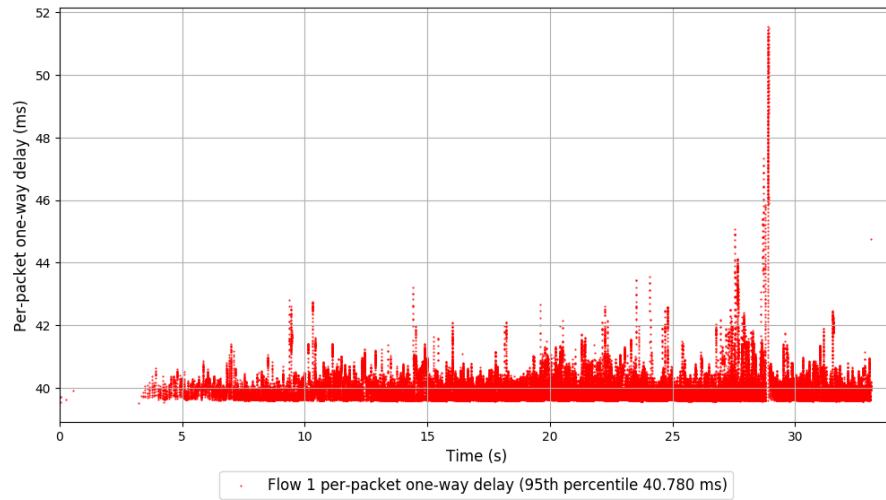
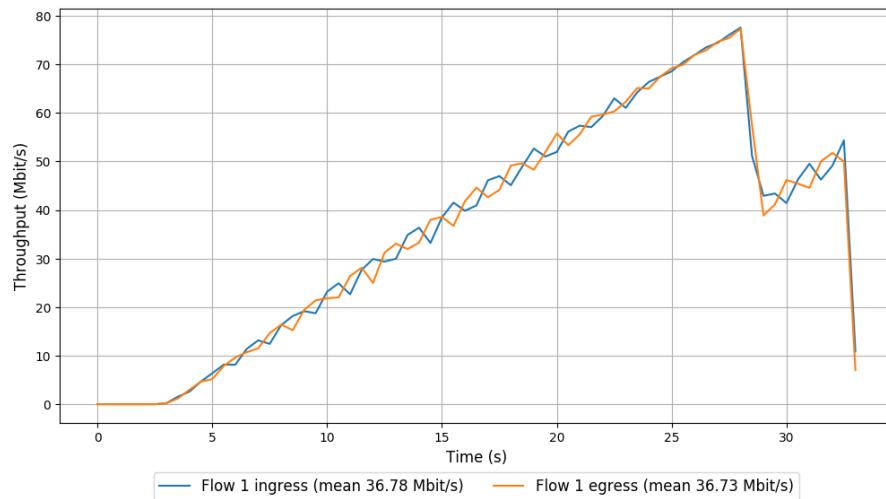


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:27:44 +0000
End at: Fri, 16 Jun 2017 03:28:14 +0000
Local clock offset: -3.64 ms
Remote clock offset: -4.792 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 40.780 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 40.780 ms
Loss rate: 0.40%
```

Run 4: Report of LEDBAT — Data Link

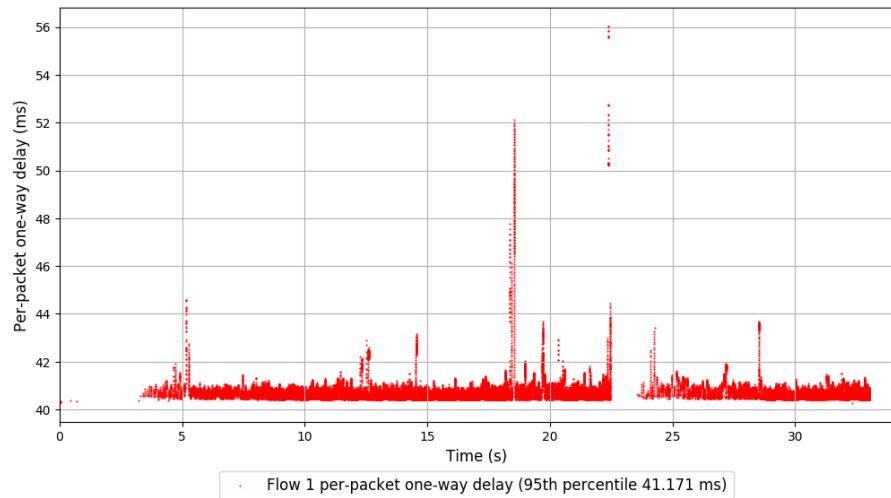
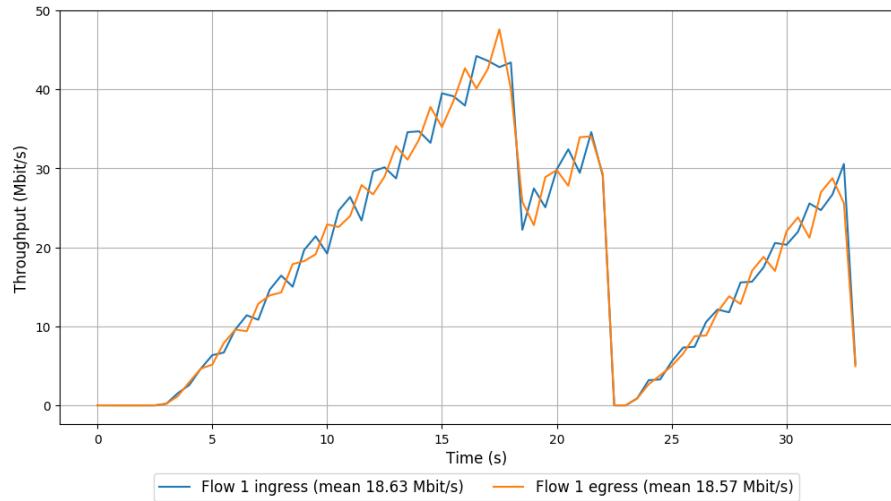


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:47:25 +0000
End at: Fri, 16 Jun 2017 03:47:55 +0000
Local clock offset: -3.477 ms
Remote clock offset: -1.887 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 41.171 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 41.171 ms
Loss rate: 0.56%
```

Run 5: Report of LEDBAT — Data Link

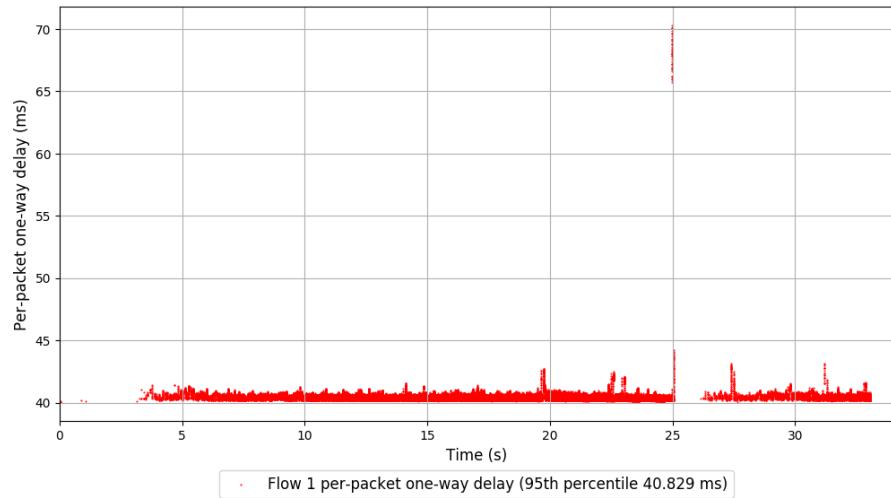
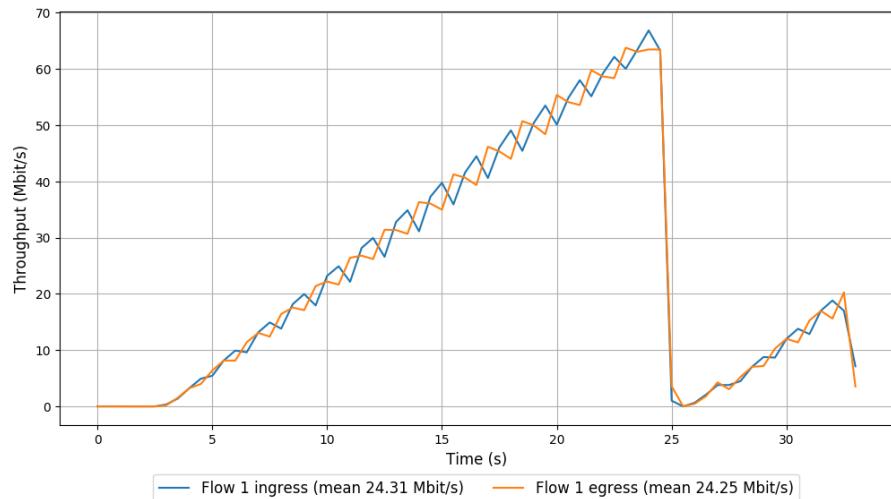


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:07:01 +0000
End at: Fri, 16 Jun 2017 04:07:31 +0000
Local clock offset: -3.28 ms
Remote clock offset: -2.353 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 40.829 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 40.829 ms
Loss rate: 0.51%
```

Run 6: Report of LEDBAT — Data Link

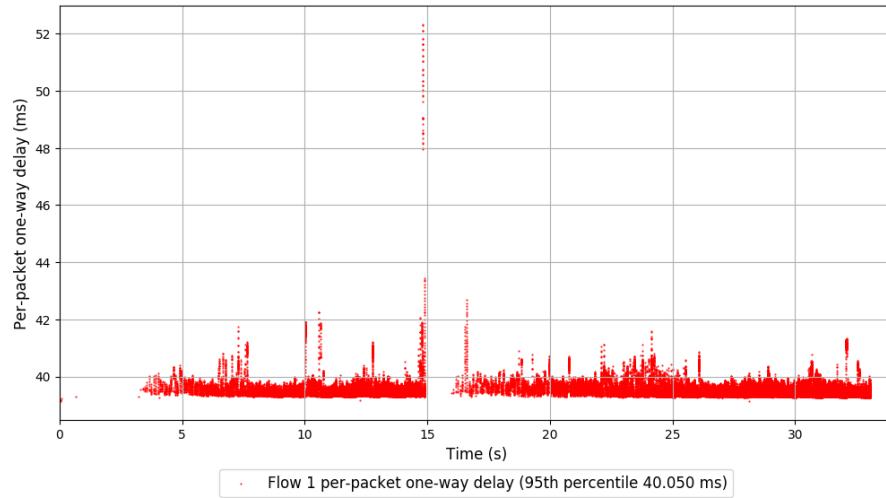
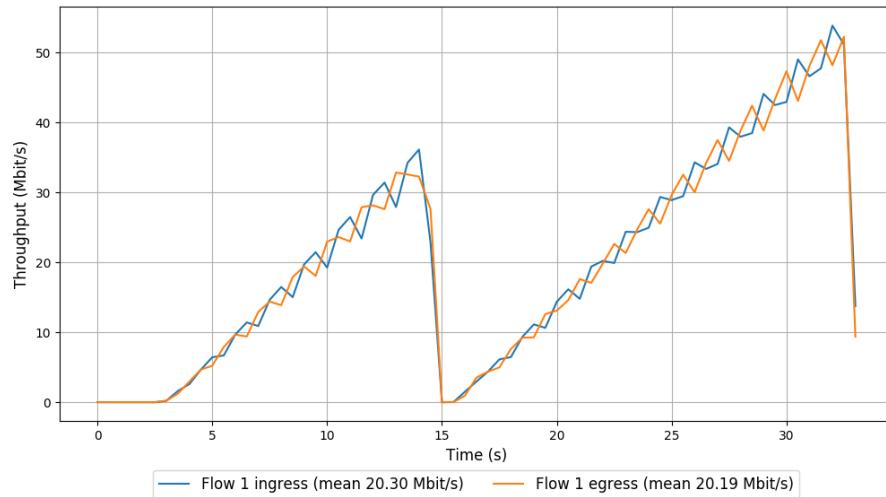


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:26:41 +0000
End at: Fri, 16 Jun 2017 04:27:11 +0000
Local clock offset: -2.367 ms
Remote clock offset: -4.85 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 40.050 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 40.050 ms
Loss rate: 0.79%
```

Run 7: Report of LEDBAT — Data Link

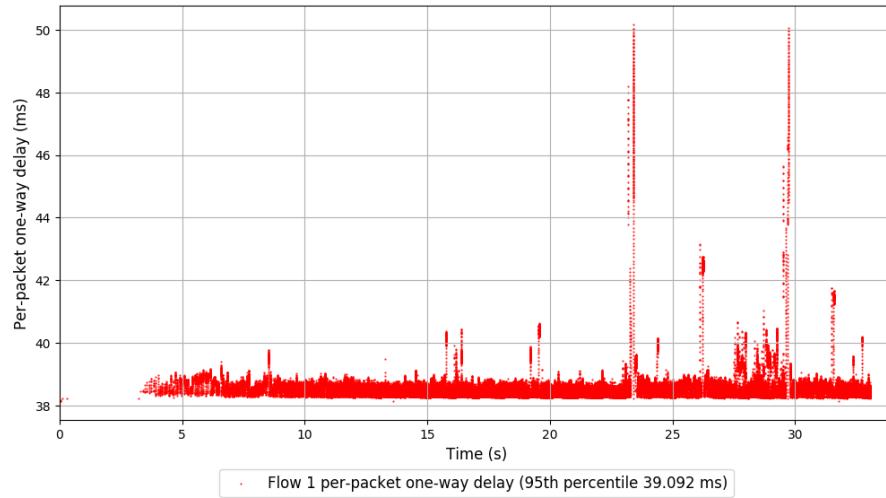
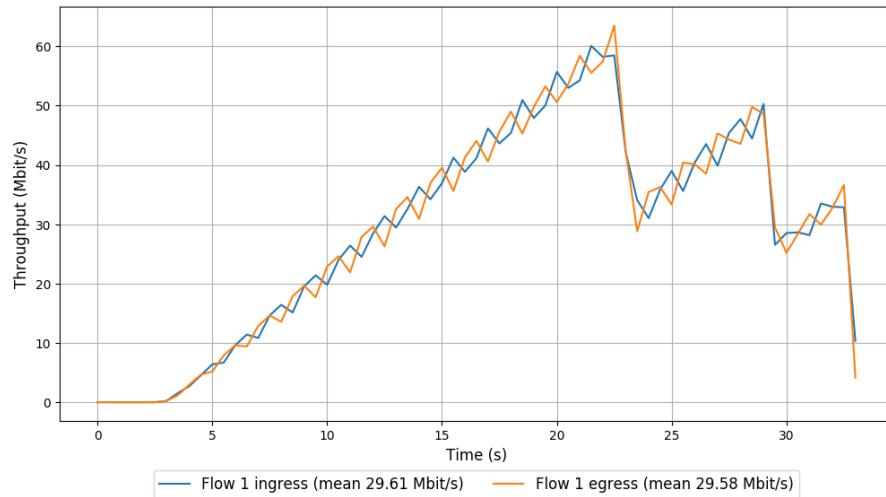


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:46:22 +0000
End at: Fri, 16 Jun 2017 04:46:52 +0000
Local clock offset: -1.484 ms
Remote clock offset: -2.385 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 39.092 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 39.092 ms
Loss rate: 0.36%
```

Run 8: Report of LEDBAT — Data Link

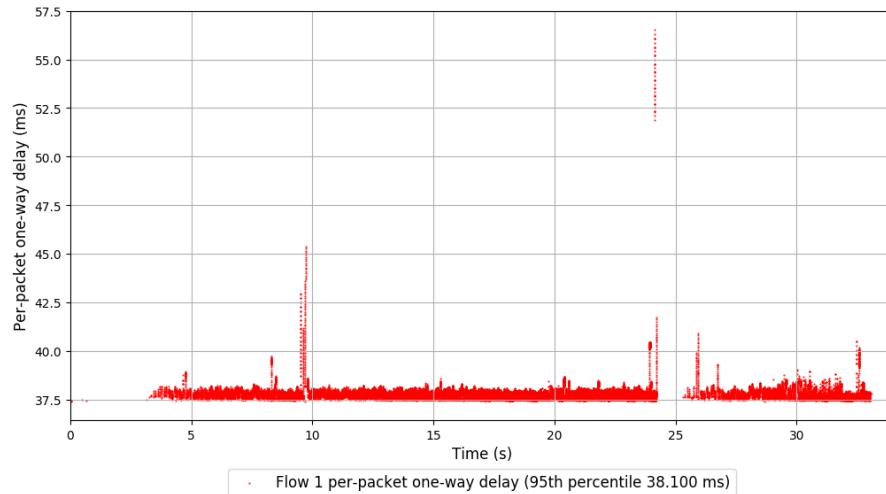
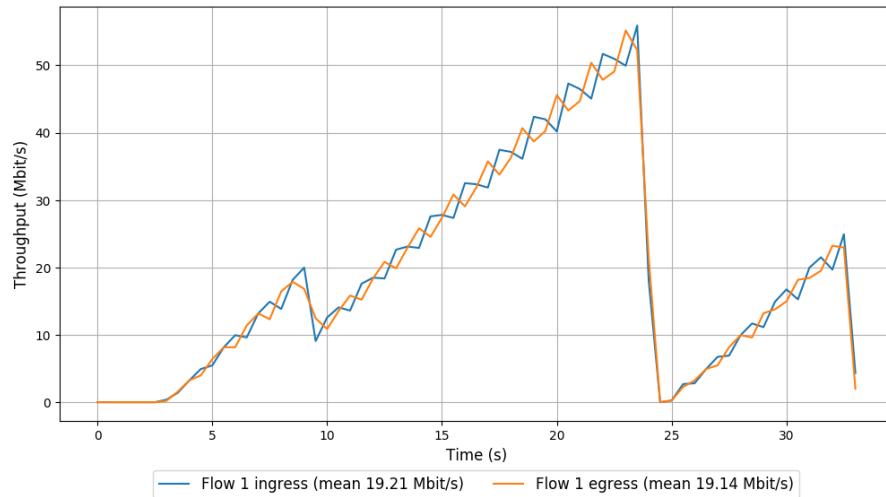


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 05:06:34 +0000
End at: Fri, 16 Jun 2017 05:07:04 +0000
Local clock offset: -0.604 ms
Remote clock offset: -4.444 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 38.100 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 38.100 ms
Loss rate: 0.45%
```

Run 9: Report of LEDBAT — Data Link

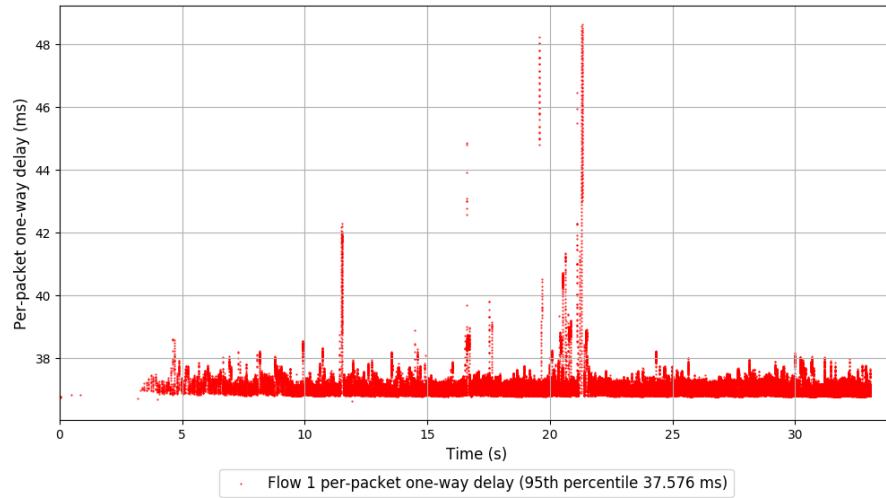
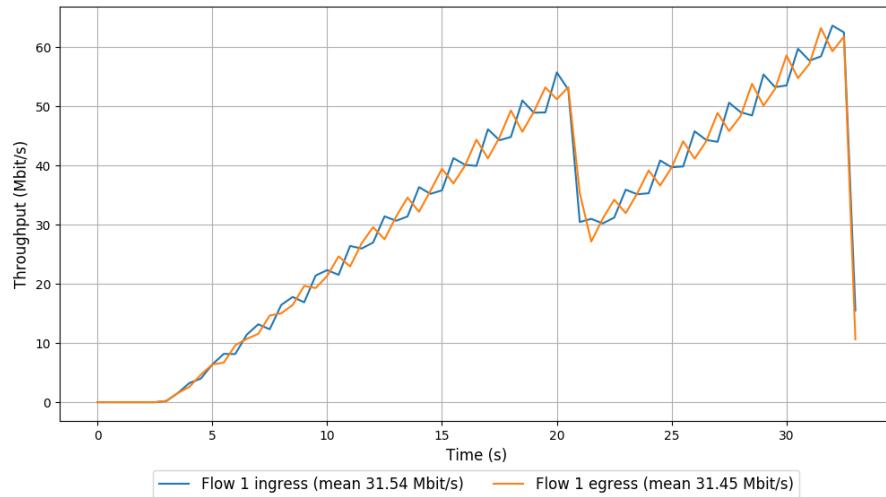


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 05:26:18 +0000
End at: Fri, 16 Jun 2017 05:26:48 +0000
Local clock offset: 0.079 ms
Remote clock offset: -4.49 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 37.576 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 37.576 ms
Loss rate: 0.54%
```

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

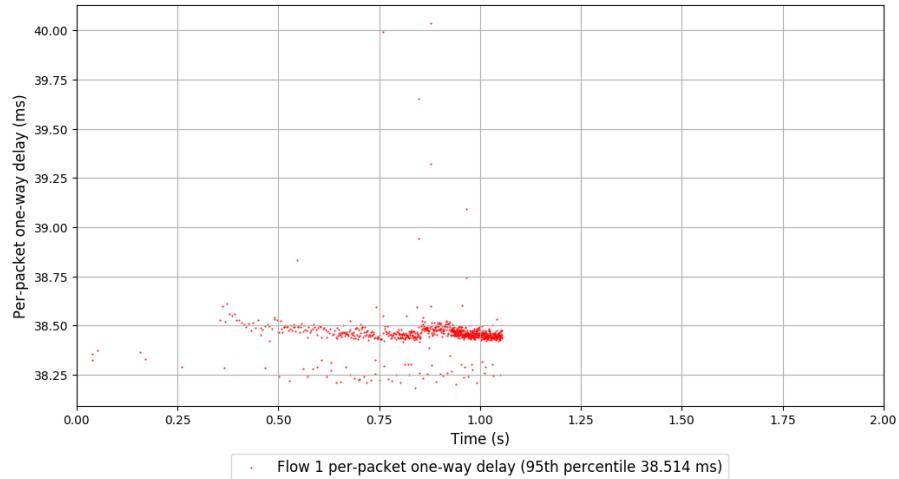
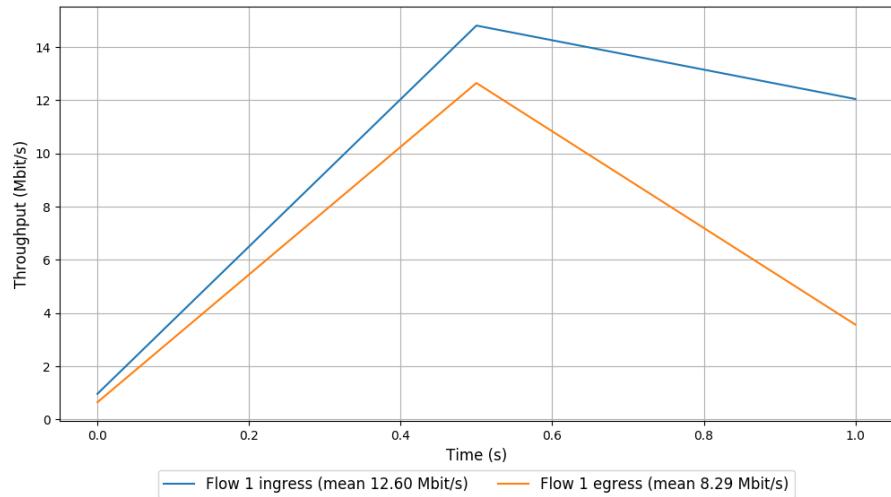
Start at: Fri, 16 Jun 2017 02:29:59 +0000

End at: Fri, 16 Jun 2017 02:30:29 +0000

Local clock offset: -1.342 ms

Remote clock offset: -2.382 ms

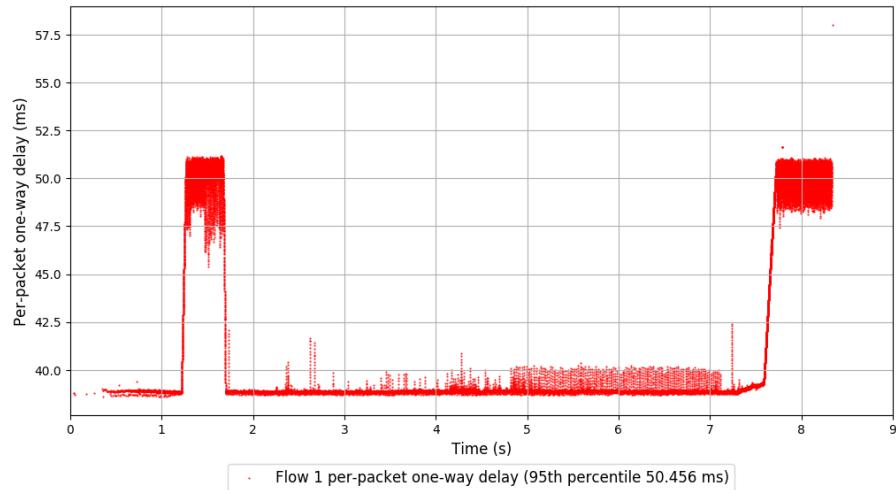
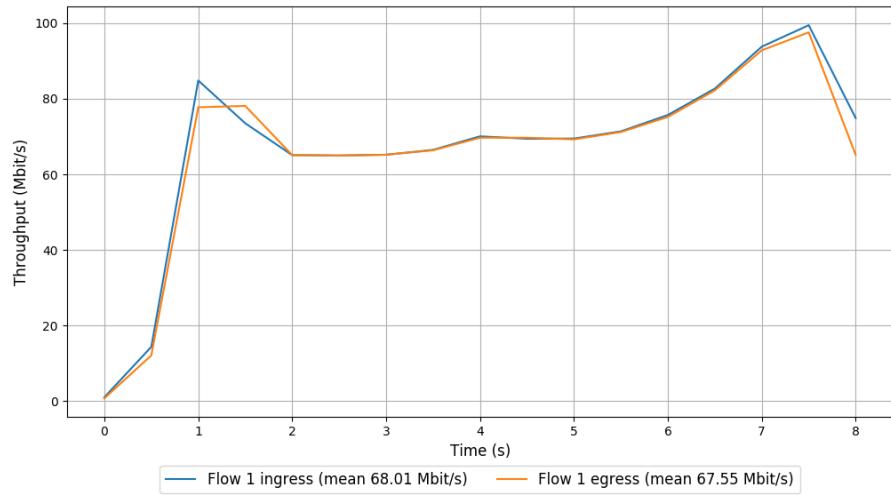
Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Fri, 16 Jun 2017 02:49:35 +0000
End at: Fri, 16 Jun 2017 02:50:05 +0000
Local clock offset: -1.952 ms
Remote clock offset: -1.98 ms

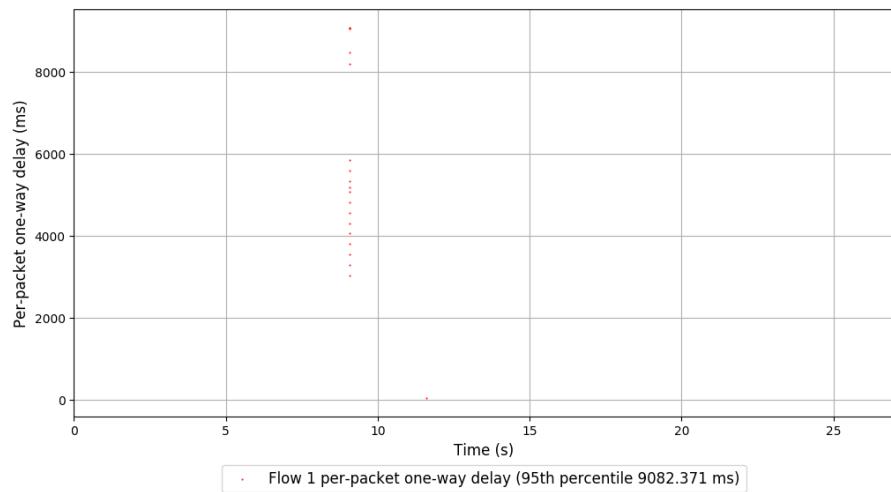
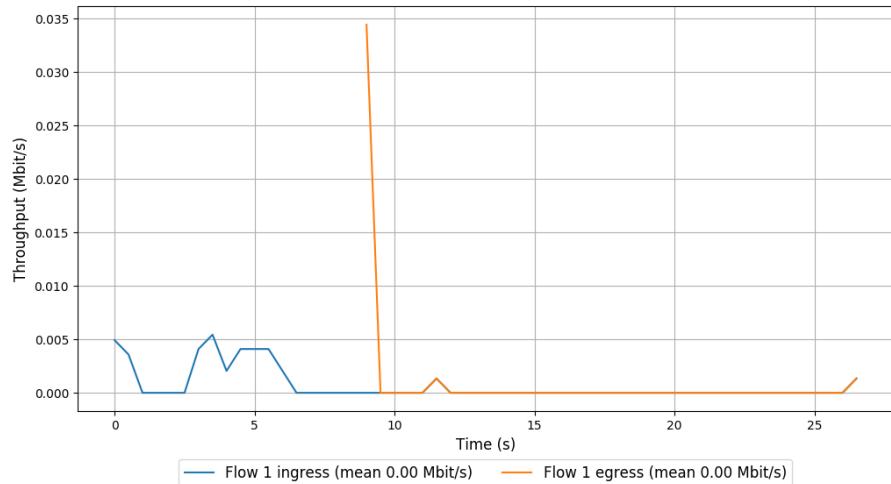
Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Fri, 16 Jun 2017 03:09:20 +0000
End at: Fri, 16 Jun 2017 03:09:50 +0000
Local clock offset: -3.563 ms
Remote clock offset: -2.353 ms

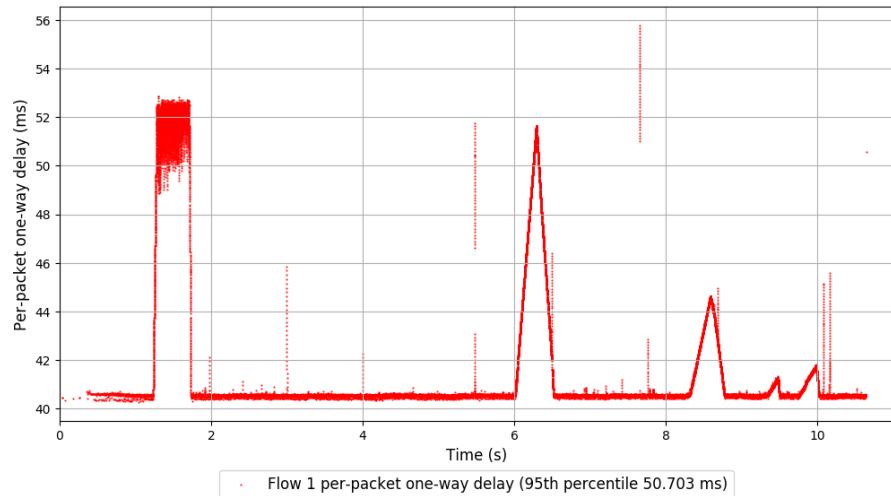
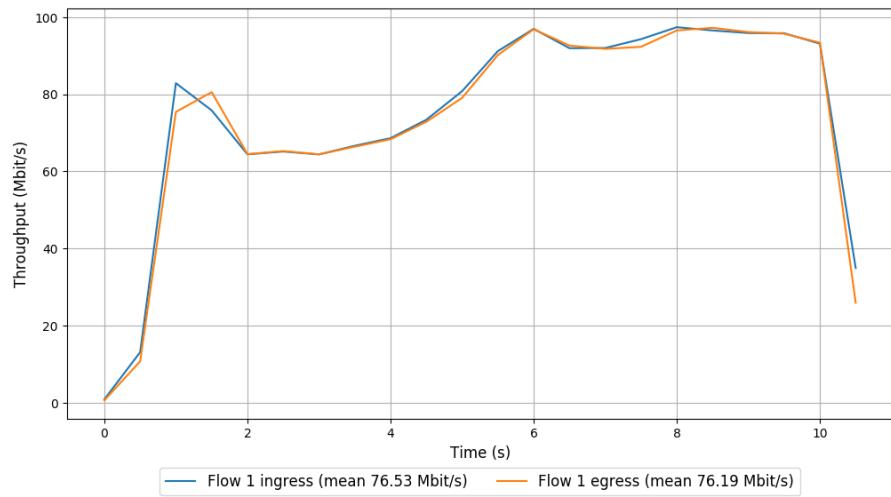
Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Fri, 16 Jun 2017 03:29:03 +0000
End at: Fri, 16 Jun 2017 03:29:33 +0000
Local clock offset: -3.716 ms
Remote clock offset: -2.029 ms

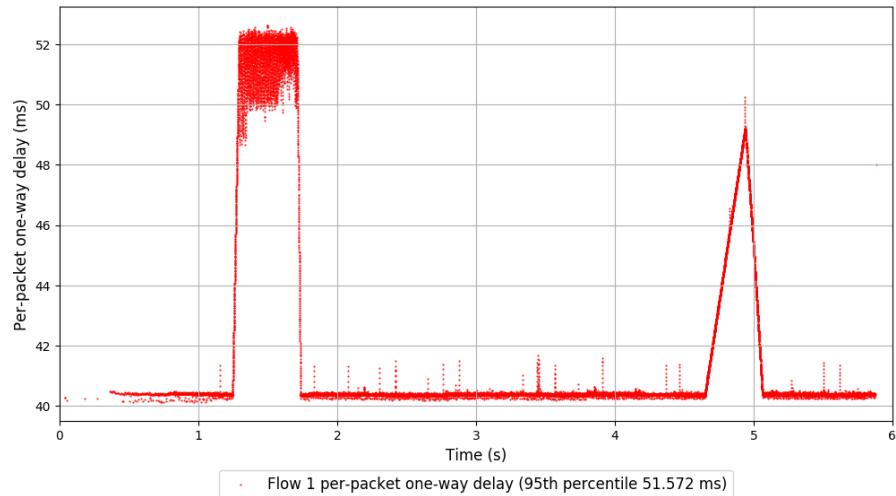
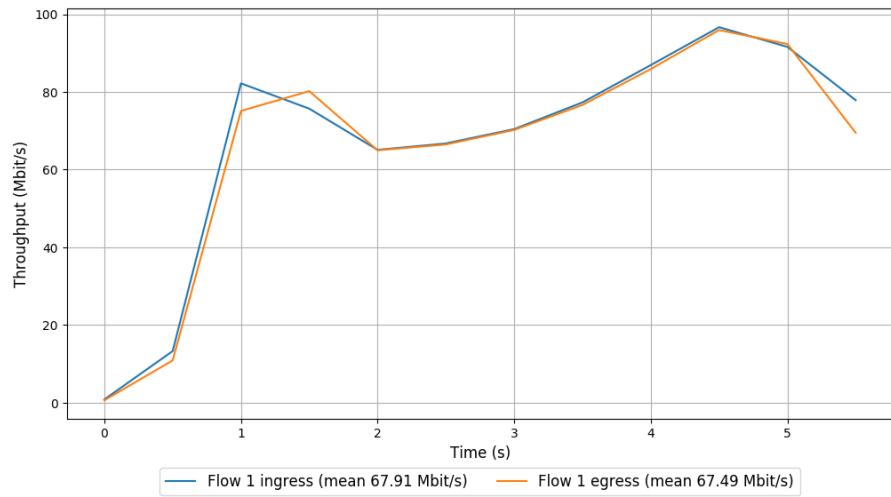
Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Fri, 16 Jun 2017 03:48:42 +0000
End at: Fri, 16 Jun 2017 03:49:12 +0000
Local clock offset: -3.394 ms
Remote clock offset: -4.909 ms

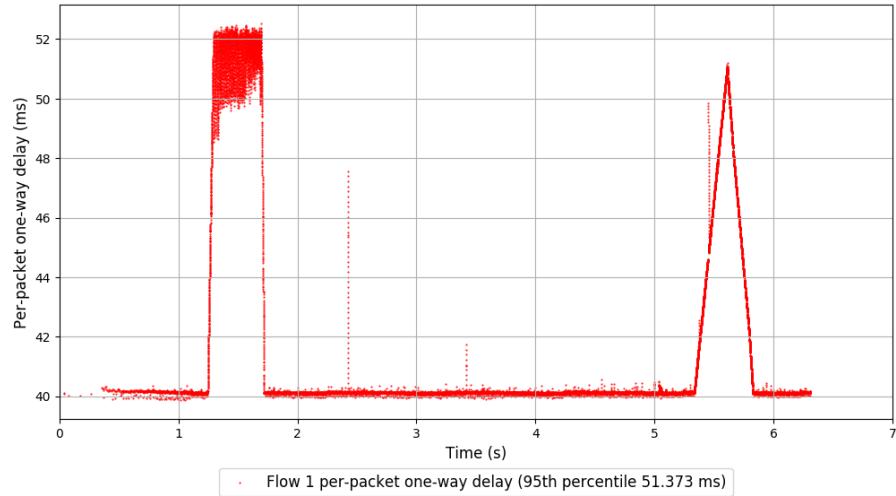
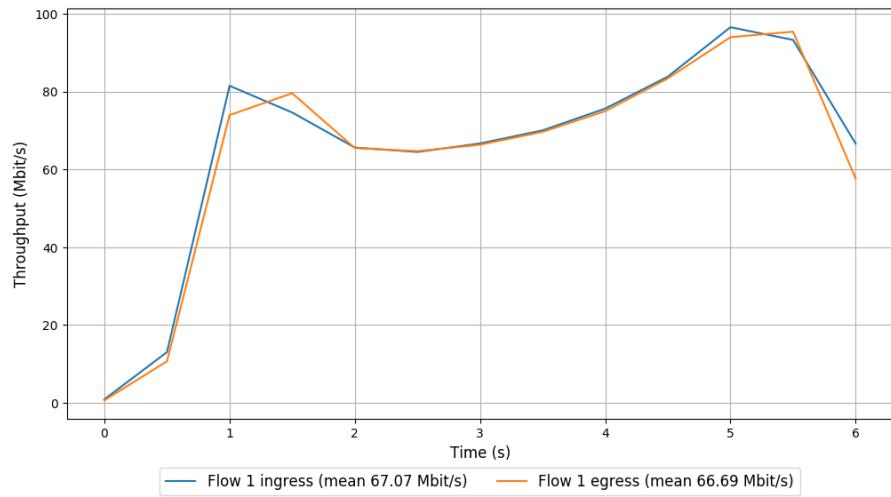
Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Fri, 16 Jun 2017 04:08:18 +0000
End at: Fri, 16 Jun 2017 04:08:48 +0000
Local clock offset: -3.212 ms
Remote clock offset: -2.311 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

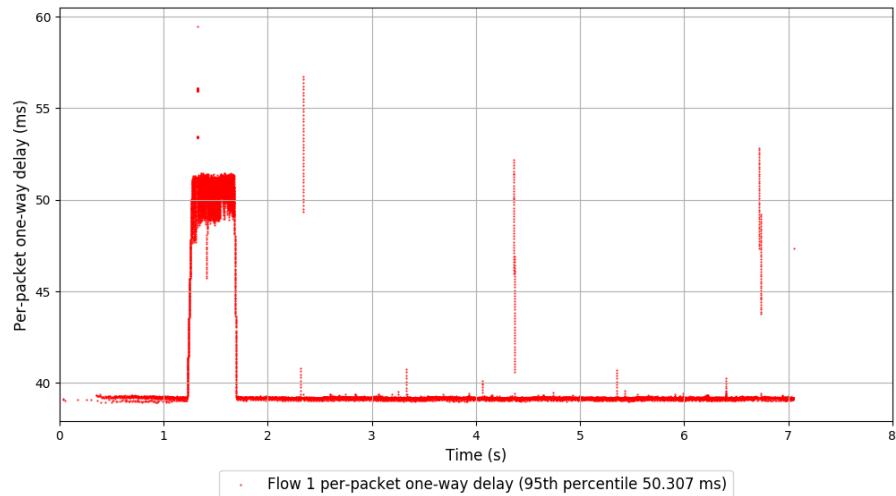
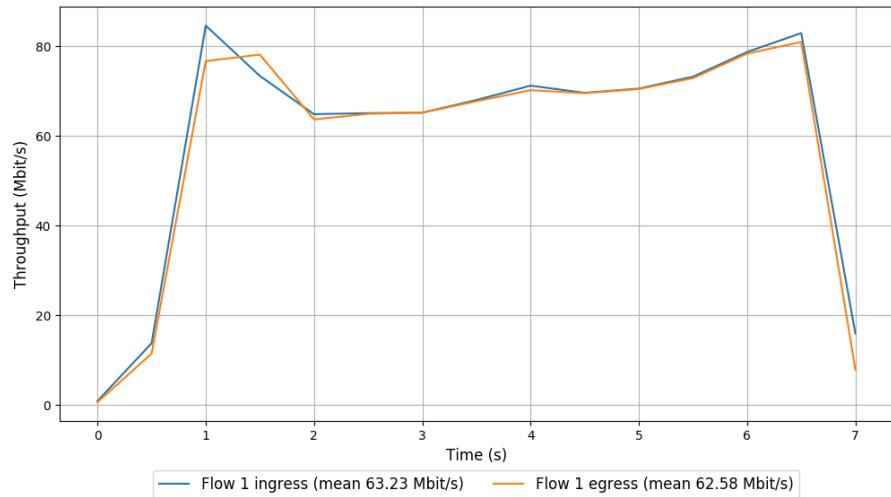
Start at: Fri, 16 Jun 2017 04:27:59 +0000

End at: Fri, 16 Jun 2017 04:28:29 +0000

Local clock offset: -2.327 ms

Remote clock offset: -2.714 ms

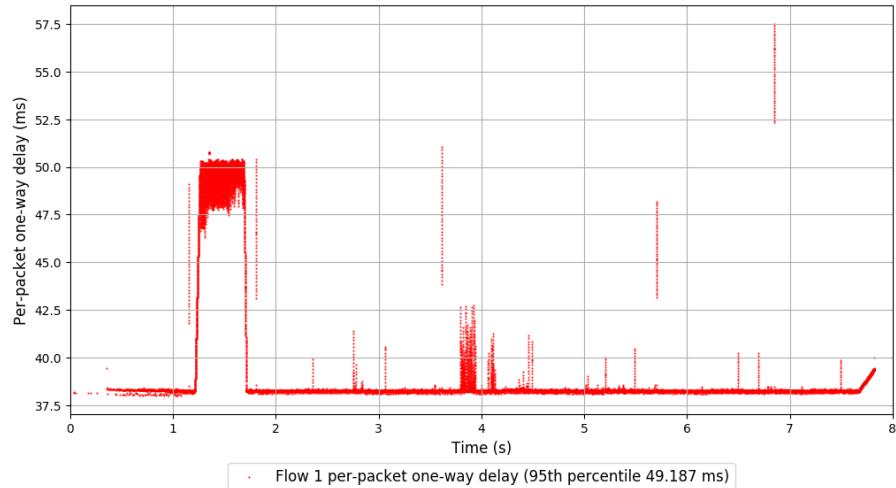
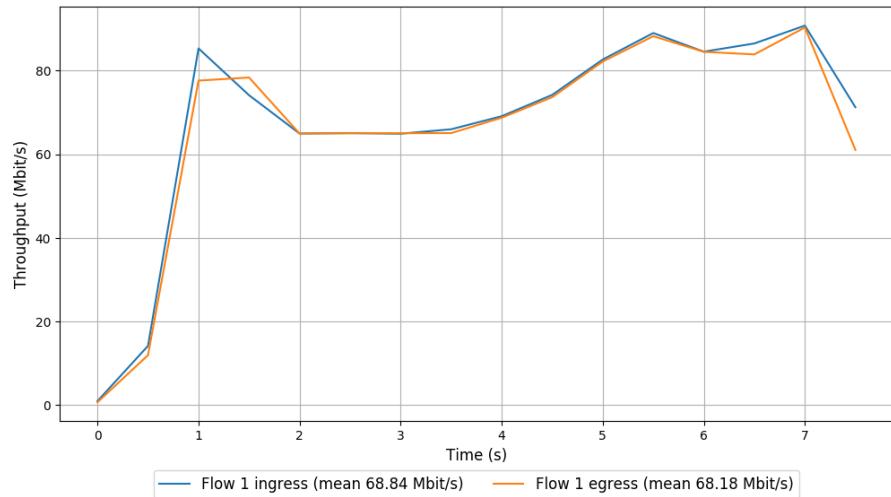
Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Fri, 16 Jun 2017 04:47:41 +0000
End at: Fri, 16 Jun 2017 04:48:11 +0000
Local clock offset: -1.447 ms
Remote clock offset: -2.838 ms

Run 8: Report of PCC — Data Link

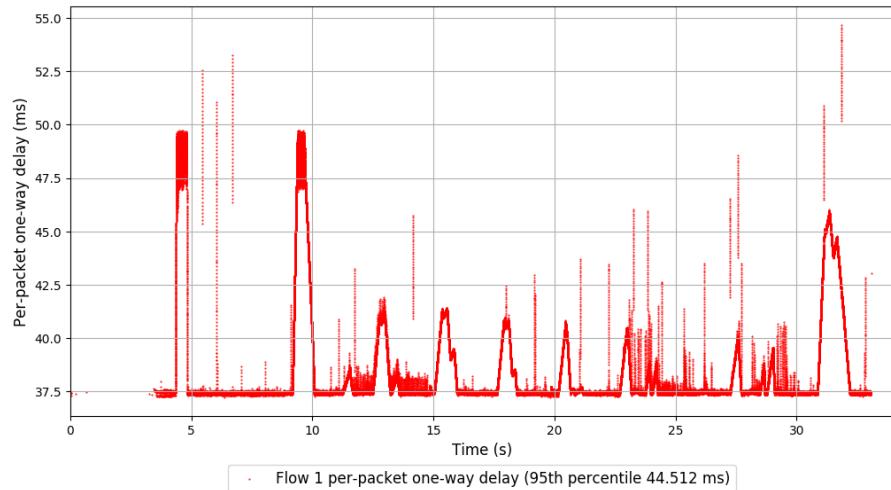
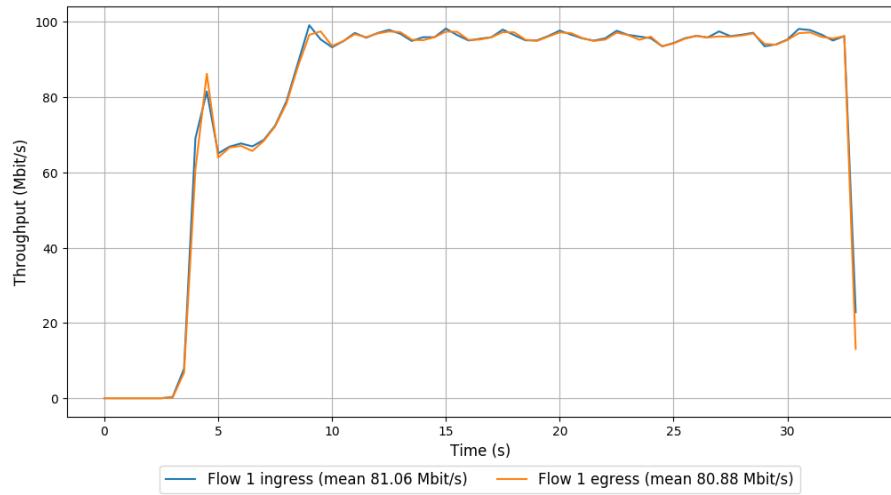


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 05:07:52 +0000
End at: Fri, 16 Jun 2017 05:08:22 +0000
Local clock offset: -0.566 ms
Remote clock offset: -2.421 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 44.512 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 44.512 ms
Loss rate: 0.48%
```

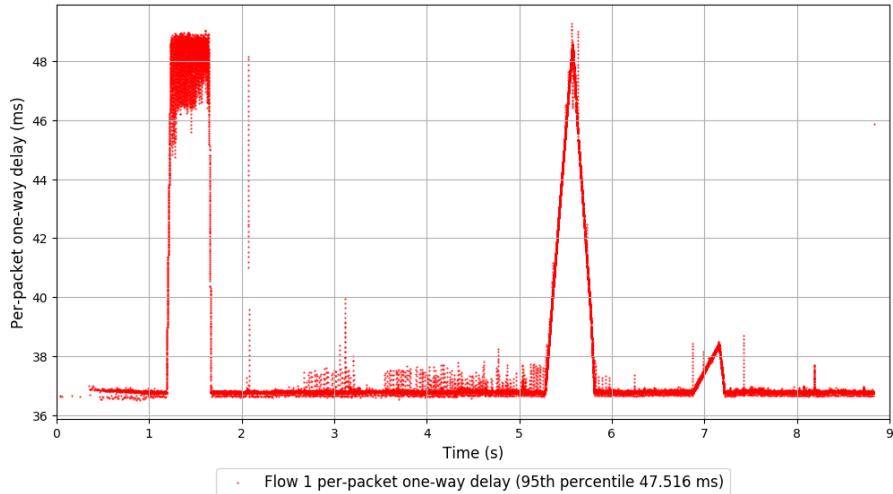
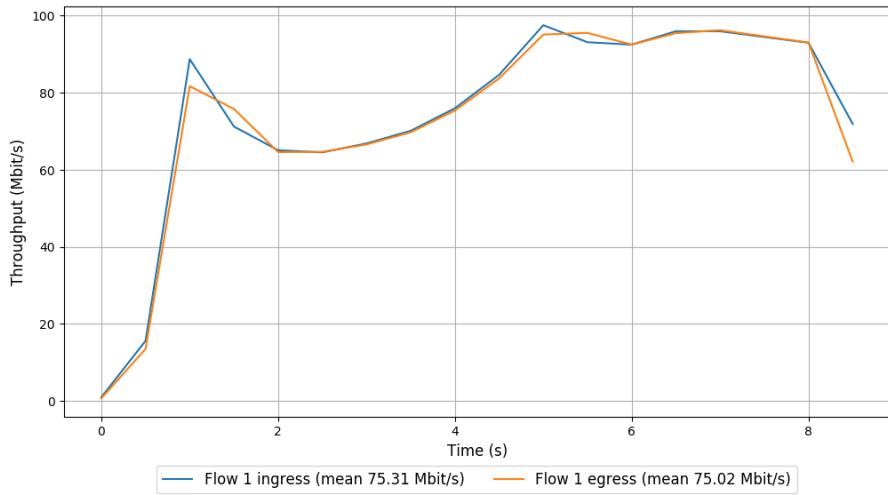
Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Fri, 16 Jun 2017 05:27:36 +0000
End at: Fri, 16 Jun 2017 05:28:06 +0000
Local clock offset: 0.115 ms
Remote clock offset: -4.911 ms

Run 10: Report of PCC — Data Link

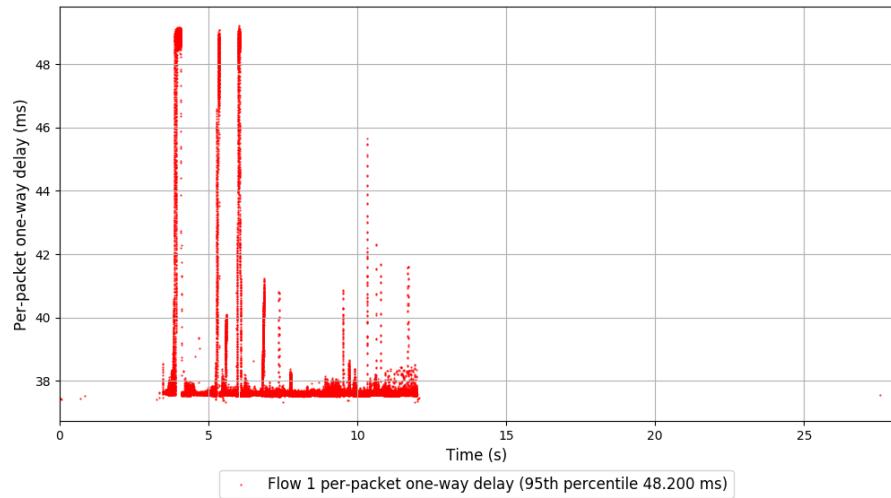
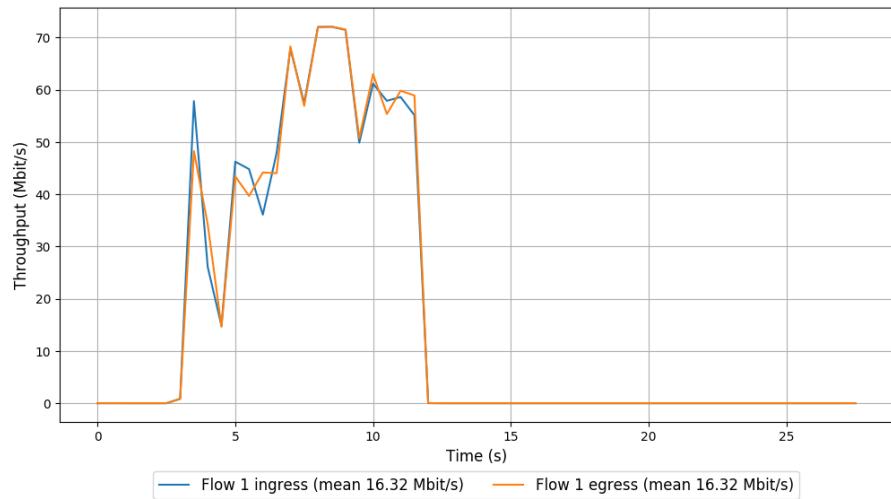


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:33:52 +0000
End at: Fri, 16 Jun 2017 02:34:22 +0000
Local clock offset: -1.551 ms
Remote clock offset: -2.219 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 48.200 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 48.200 ms
Loss rate: 0.02%
```

Run 1: Report of QUIC Cubic (toy) — Data Link

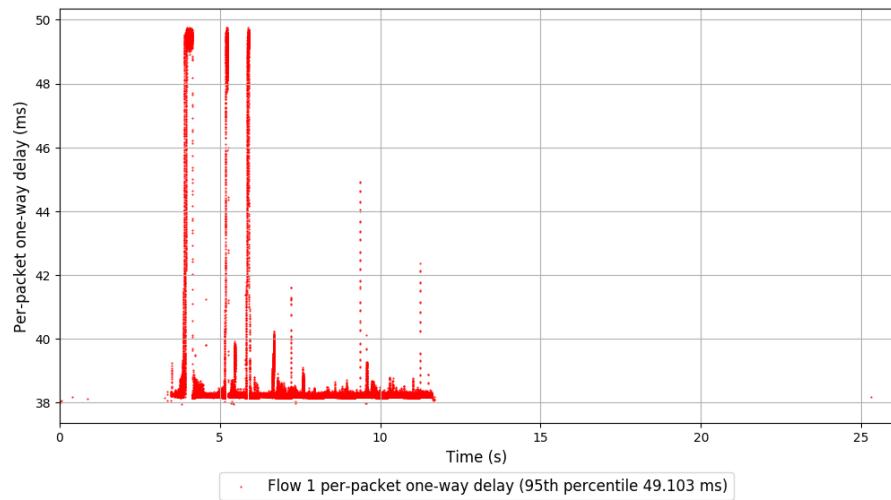
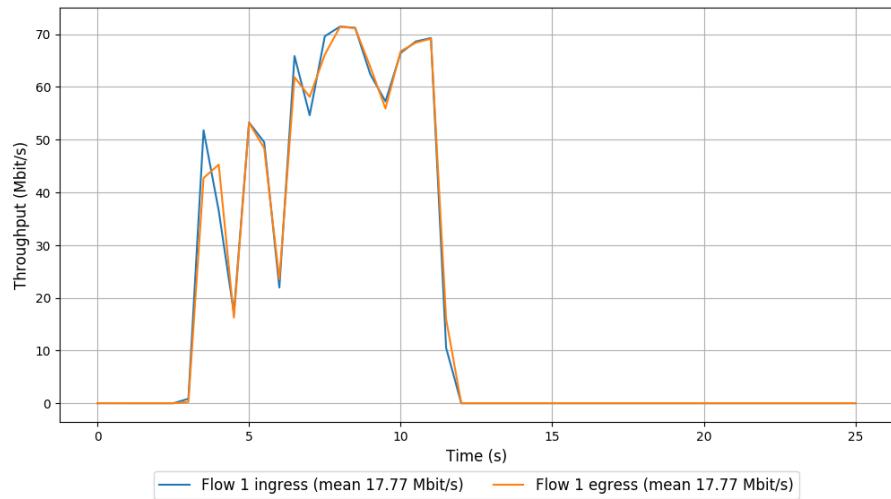


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:53:32 +0000
End at: Fri, 16 Jun 2017 02:54:02 +0000
Local clock offset: -2.221 ms
Remote clock offset: -2.71 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.77 Mbit/s
95th percentile per-packet one-way delay: 49.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.77 Mbit/s
95th percentile per-packet one-way delay: 49.103 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic (toy) — Data Link

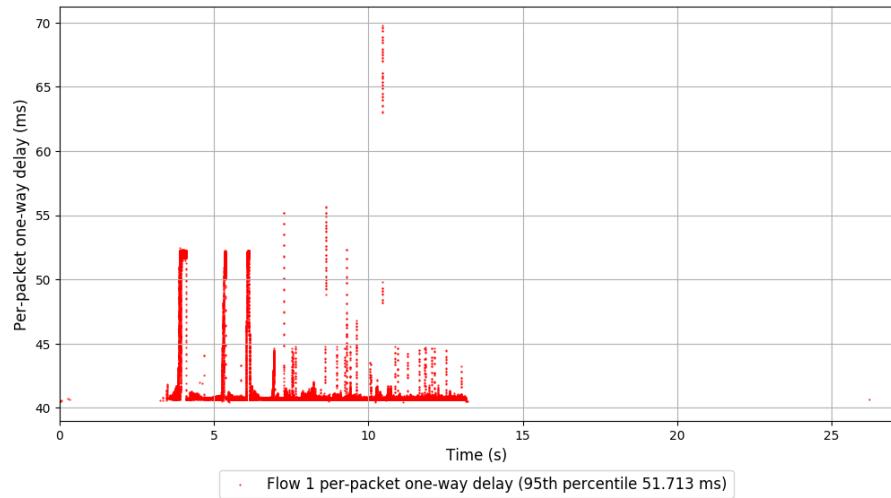
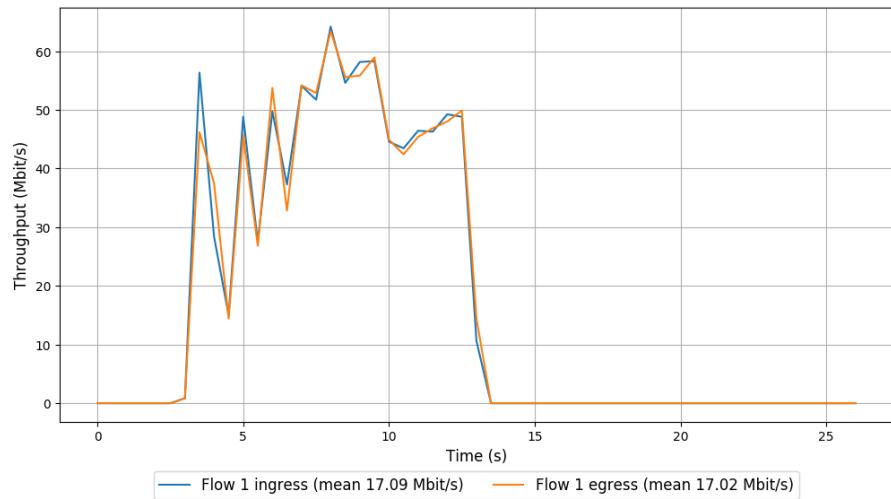


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:13:15 +0000
End at: Fri, 16 Jun 2017 03:13:45 +0000
Local clock offset: -3.846 ms
Remote clock offset: -2.393 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 51.713 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 51.713 ms
Loss rate: 0.41%
```

Run 3: Report of QUIC Cubic (toy) — Data Link

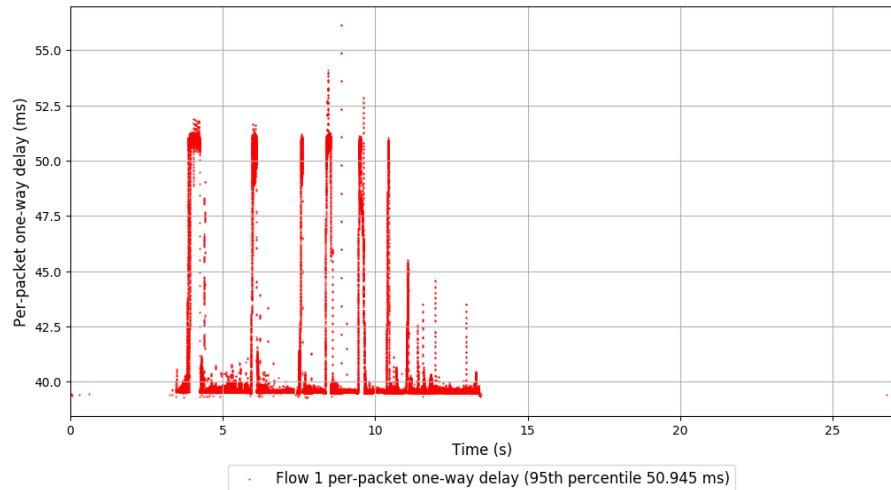
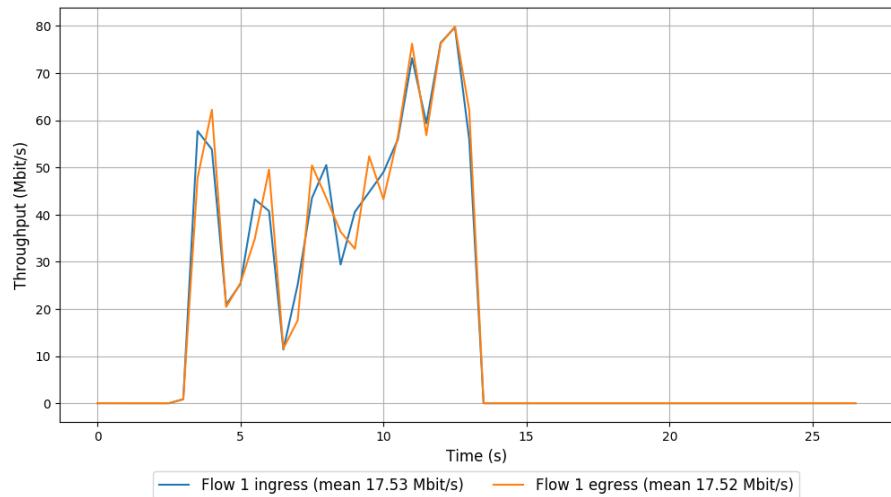


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:32:59 +0000
End at: Fri, 16 Jun 2017 03:33:29 +0000
Local clock offset: -3.683 ms
Remote clock offset: -4.563 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 50.945 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 50.945 ms
Loss rate: 0.06%
```

Run 4: Report of QUIC Cubic (toy) — Data Link

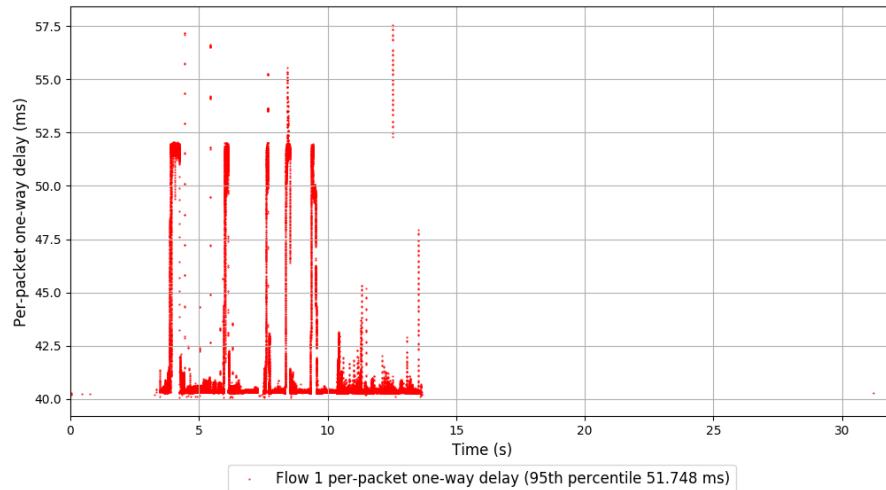
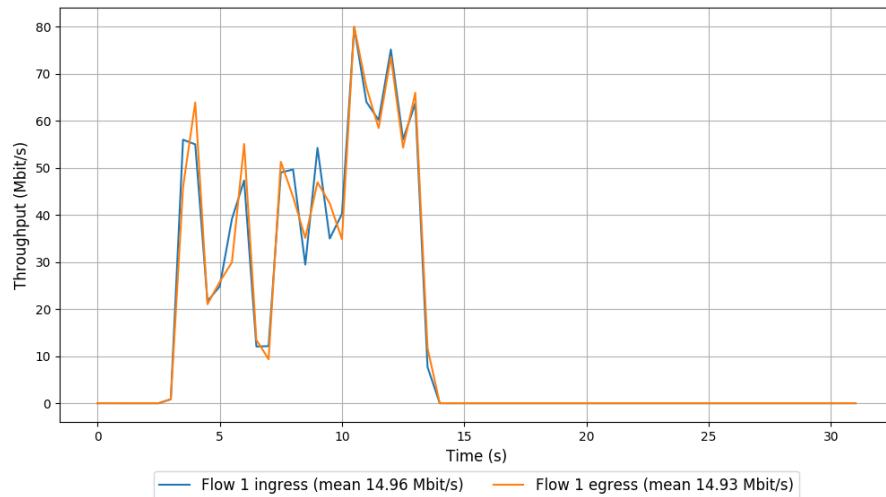


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:52:37 +0000
End at: Fri, 16 Jun 2017 03:53:07 +0000
Local clock offset: -3.395 ms
Remote clock offset: -1.982 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 51.748 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 51.748 ms
Loss rate: 0.24%
```

Run 5: Report of QUIC Cubic (toy) — Data Link

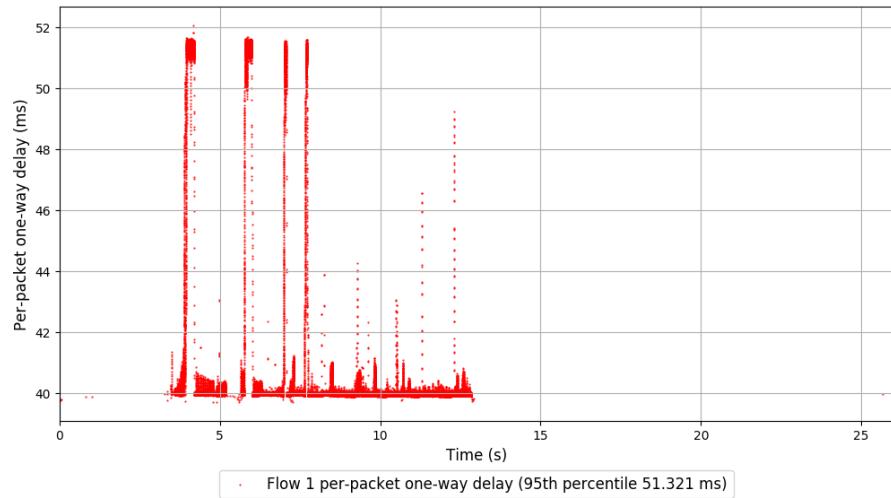
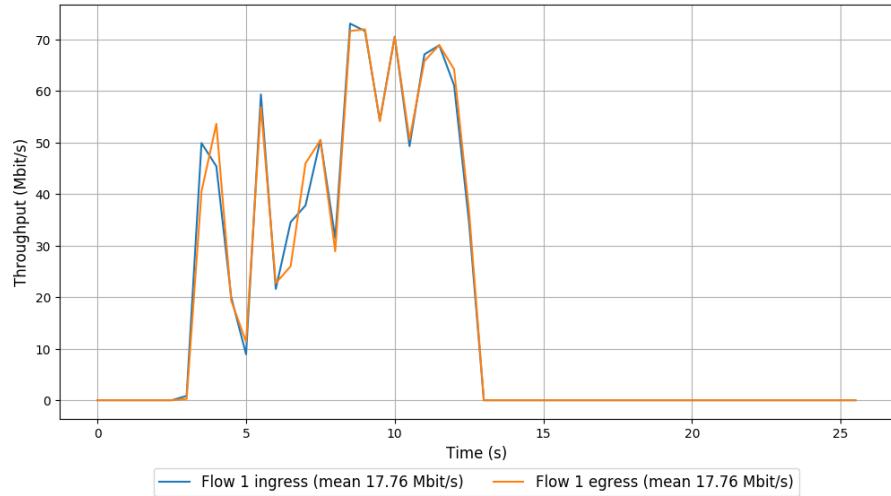


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:12:13 +0000
End at: Fri, 16 Jun 2017 04:12:43 +0000
Local clock offset: -2.977 ms
Remote clock offset: -2.354 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 51.321 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 51.321 ms
Loss rate: 0.03%
```

Run 6: Report of QUIC Cubic (toy) — Data Link



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 16 Jun 2017 04:31:54 +0000

End at: Fri, 16 Jun 2017 04:32:24 +0000

Local clock offset: -2.061 ms

Remote clock offset: -4.88 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:38:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.68 Mbit/s

95th percentile per-packet one-way delay: 49.750 ms

Loss rate: 0.17%

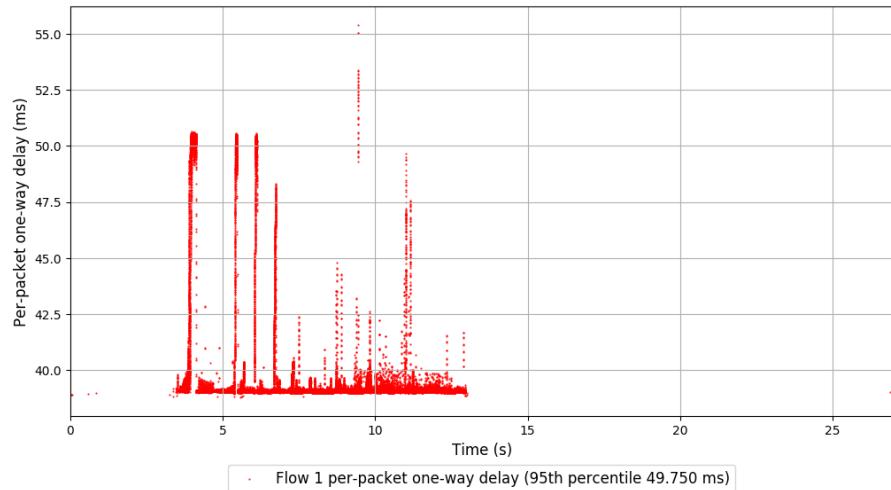
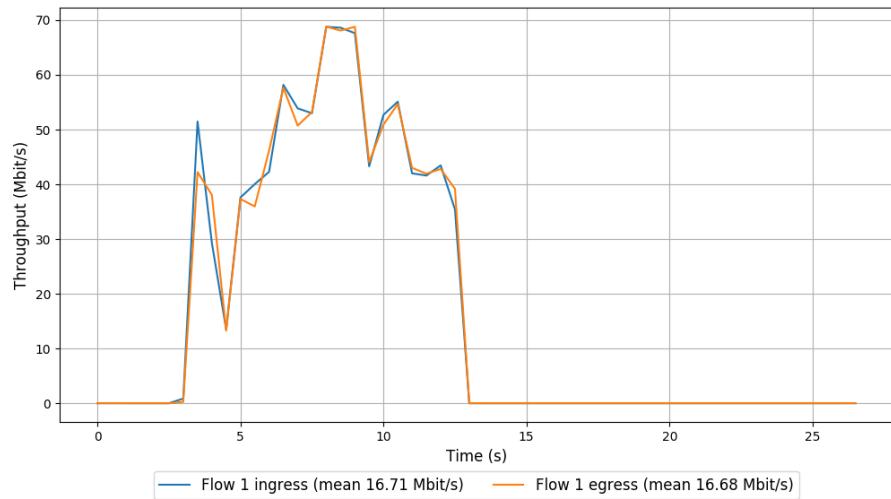
-- Flow 1:

Average throughput: 16.68 Mbit/s

95th percentile per-packet one-way delay: 49.750 ms

Loss rate: 0.17%

Run 7: Report of QUIC Cubic (toy) — Data Link

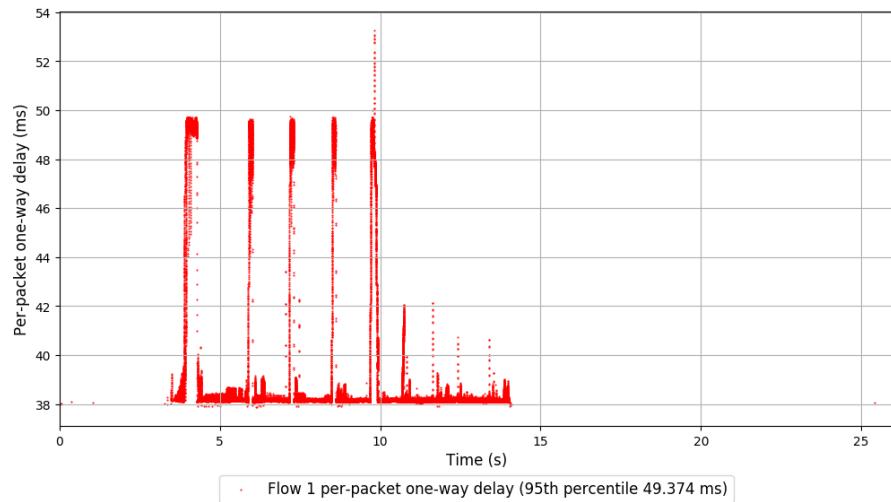
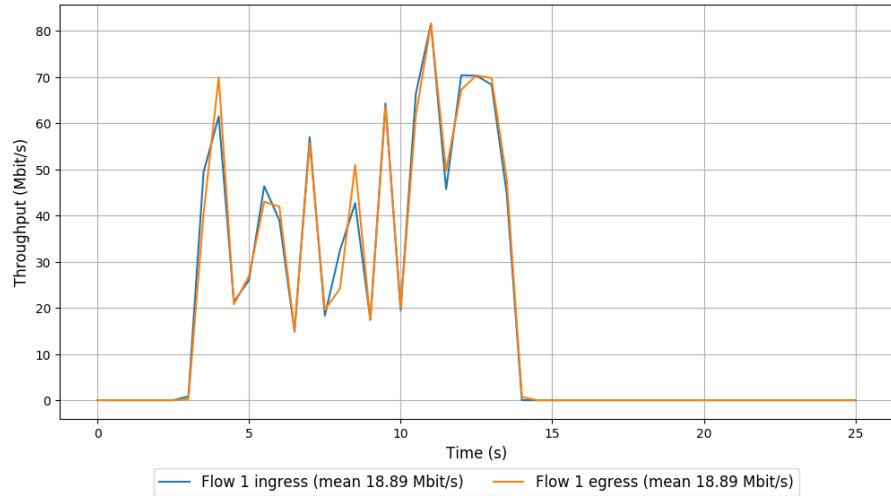


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:51:36 +0000
End at: Fri, 16 Jun 2017 04:52:06 +0000
Local clock offset: -1.272 ms
Remote clock offset: -4.948 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:38:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 49.374 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 49.374 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic (toy) — Data Link

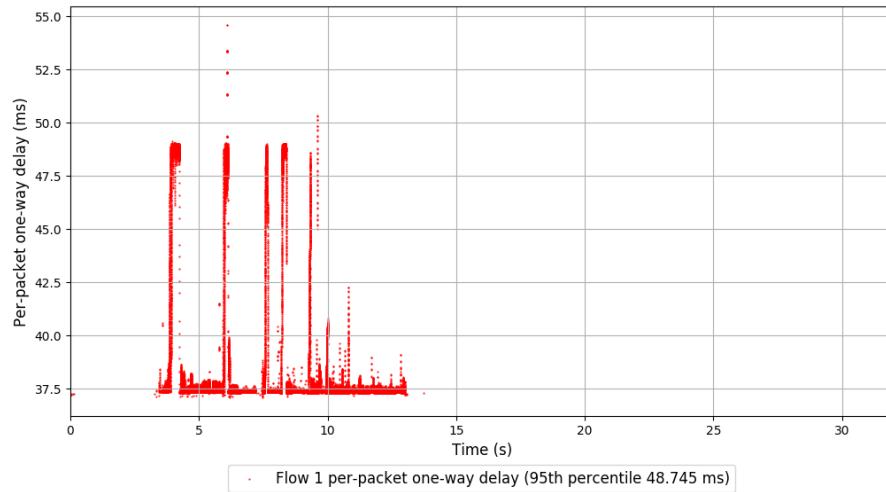
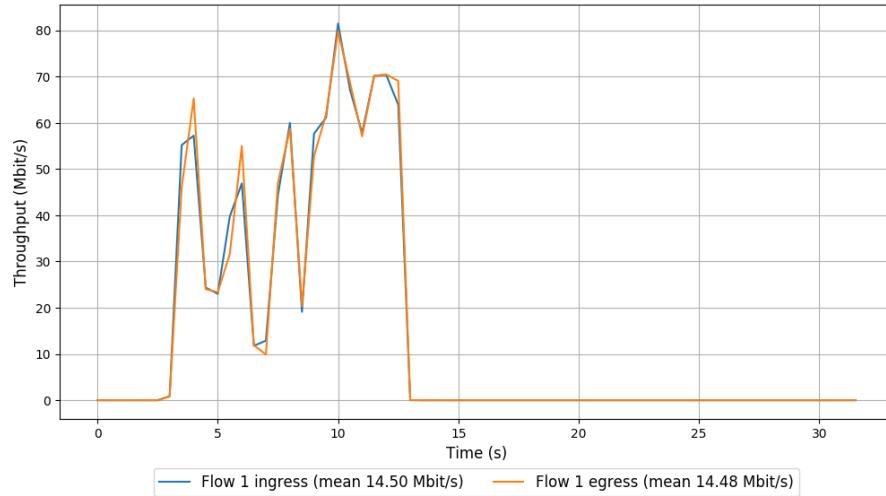


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 05:11:50 +0000
End at: Fri, 16 Jun 2017 05:12:20 +0000
Local clock offset: -0.537 ms
Remote clock offset: -2.051 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 48.745 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 48.745 ms
Loss rate: 0.14%
```

Run 9: Report of QUIC Cubic (toy) — Data Link



```
Run 10: Statistics of QUIC Cubic (toy)
```

```
Start at: Fri, 16 Jun 2017 05:31:30 +0000
```

```
End at: Fri, 16 Jun 2017 05:32:00 +0000
```

```
Local clock offset: 0.139 ms
```

```
Remote clock offset: -2.393 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:01 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 14.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.009 ms
```

```
Loss rate: 0.00%
```

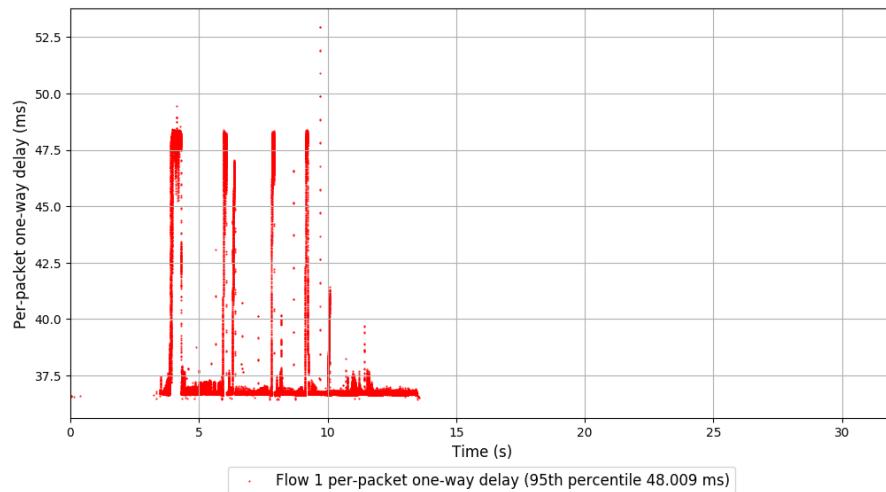
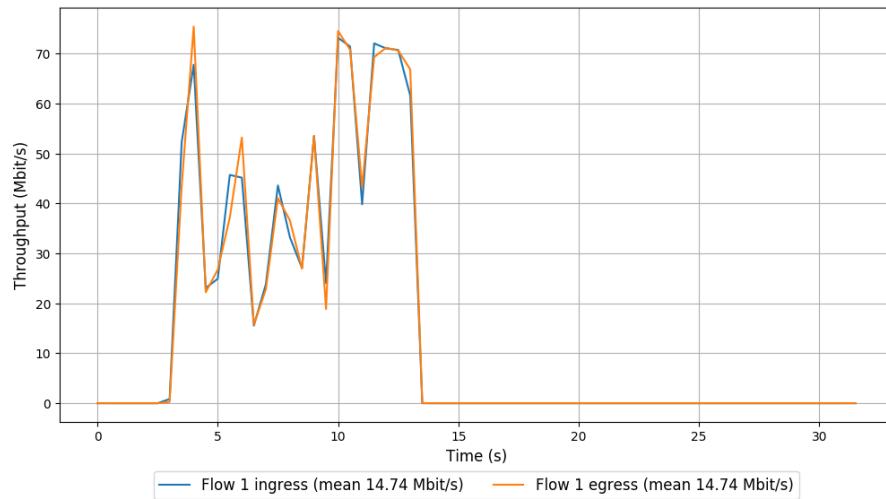
```
-- Flow 1:
```

```
Average throughput: 14.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.009 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic (toy) — Data Link

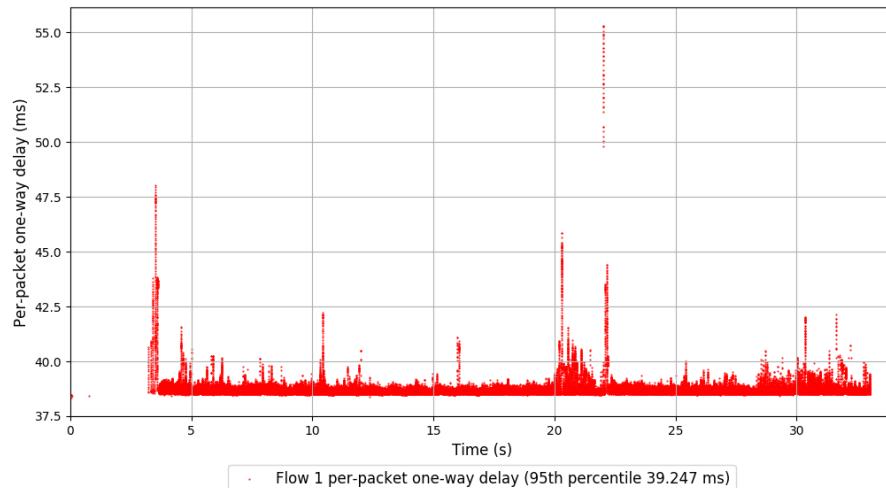
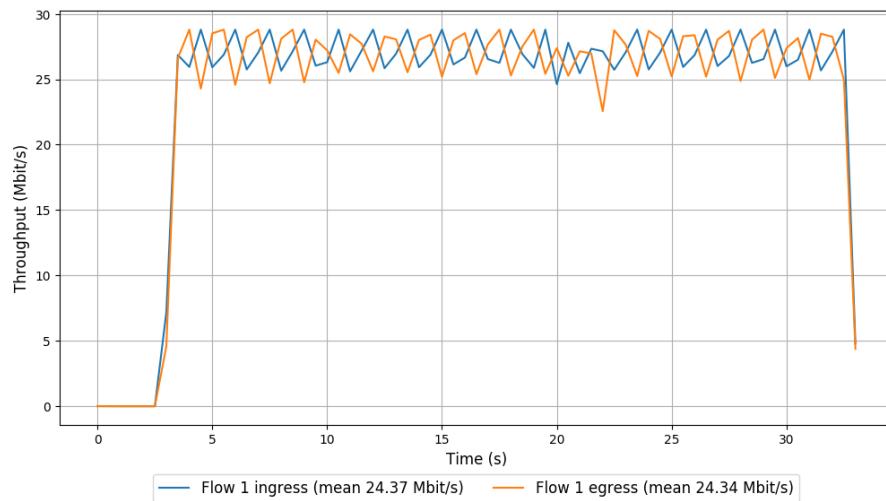


Run 1: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:32:35 +0000
End at: Fri, 16 Jun 2017 02:33:05 +0000
Local clock offset: -1.53 ms
Remote clock offset: -4.431 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 39.247 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 39.247 ms
Loss rate: 0.40%
```

Run 1: Report of Saturator — Data Link

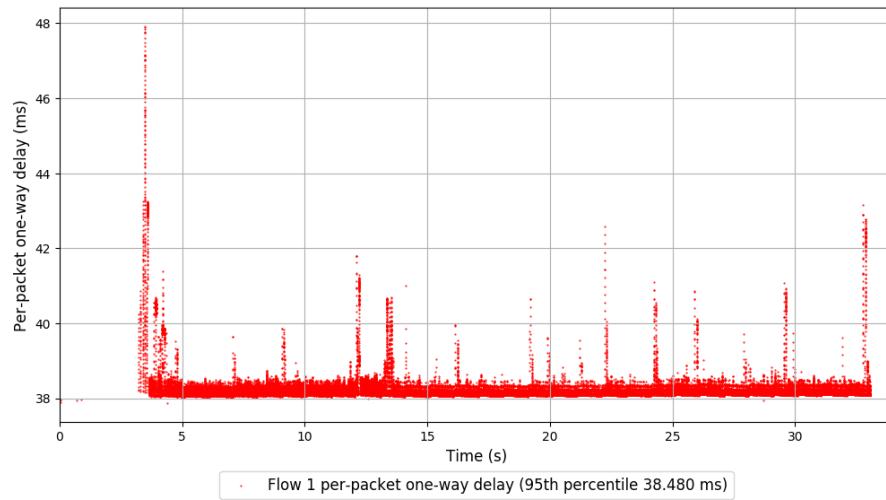
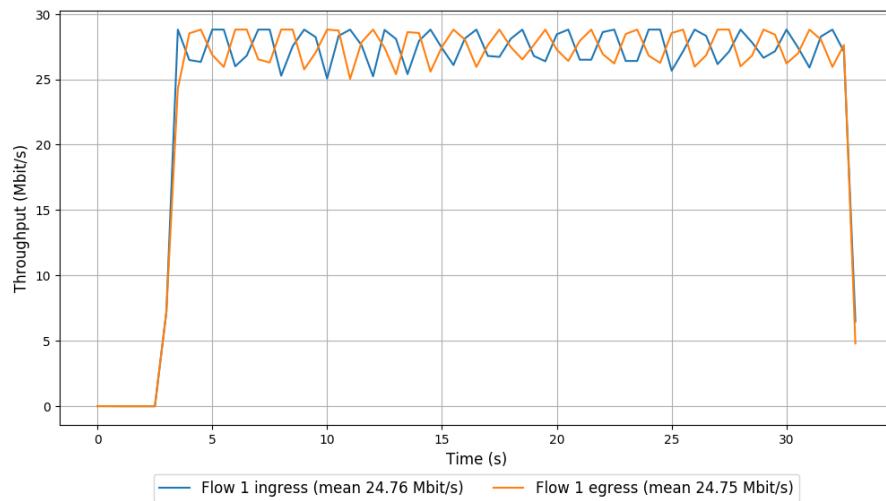


Run 2: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:52:14 +0000
End at: Fri, 16 Jun 2017 02:52:44 +0000
Local clock offset: -1.942 ms
Remote clock offset: -4.473 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 38.480 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 38.480 ms
Loss rate: 0.29%
```

Run 2: Report of Saturator — Data Link

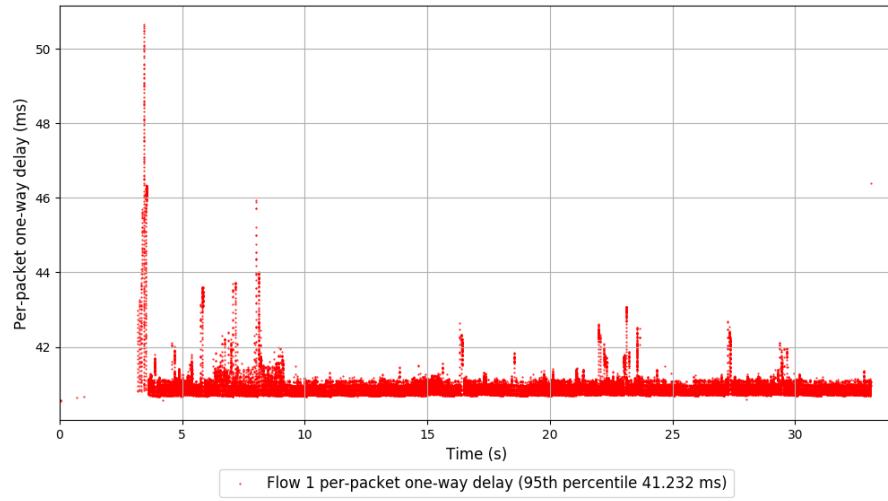
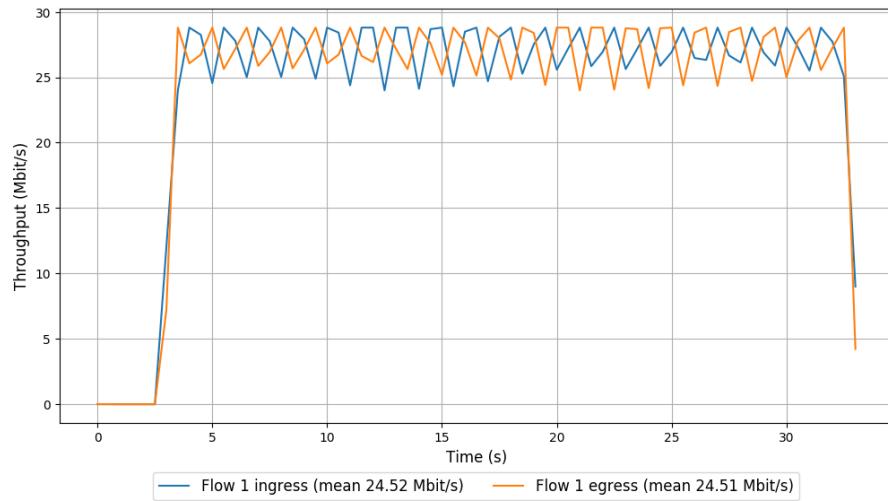


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:11:57 +0000
End at: Fri, 16 Jun 2017 03:12:27 +0000
Local clock offset: -3.749 ms
Remote clock offset: -1.901 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 41.232 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 41.232 ms
Loss rate: 0.29%
```

Run 3: Report of Saturator — Data Link

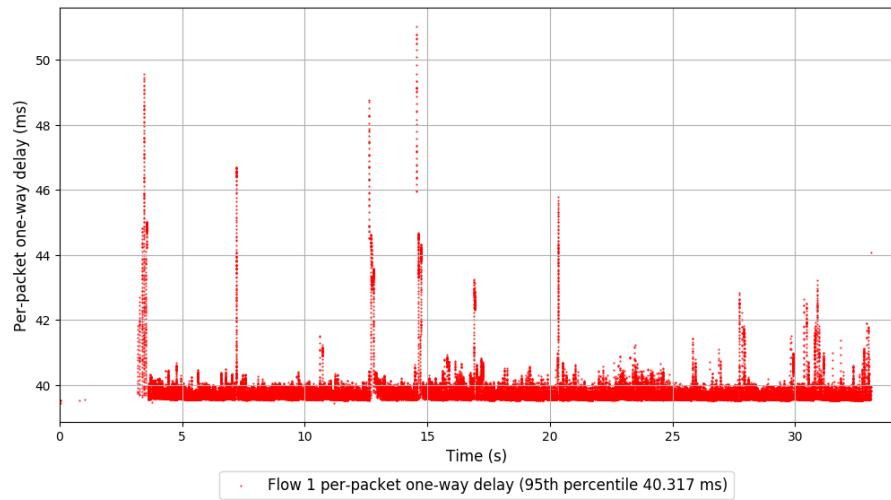
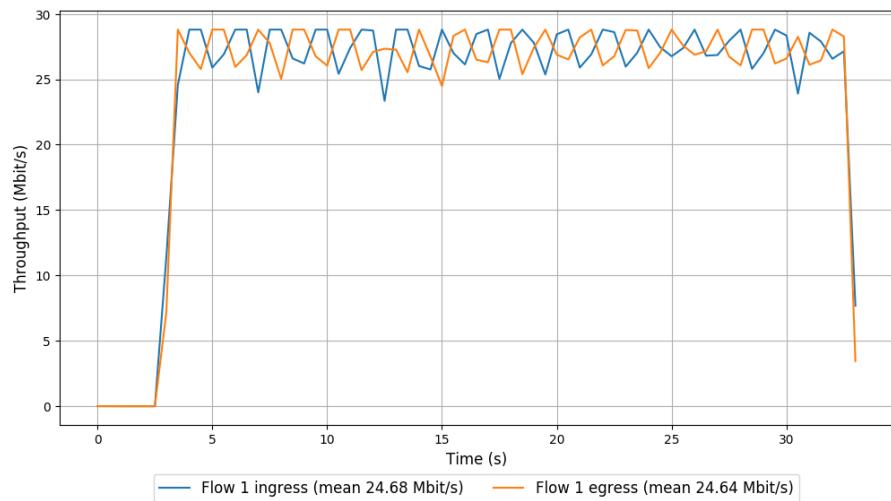


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:31:41 +0000
End at: Fri, 16 Jun 2017 03:32:11 +0000
Local clock offset: -3.588 ms
Remote clock offset: -2.032 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 40.317 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 40.317 ms
Loss rate: 0.40%
```

Run 4: Report of Saturator — Data Link

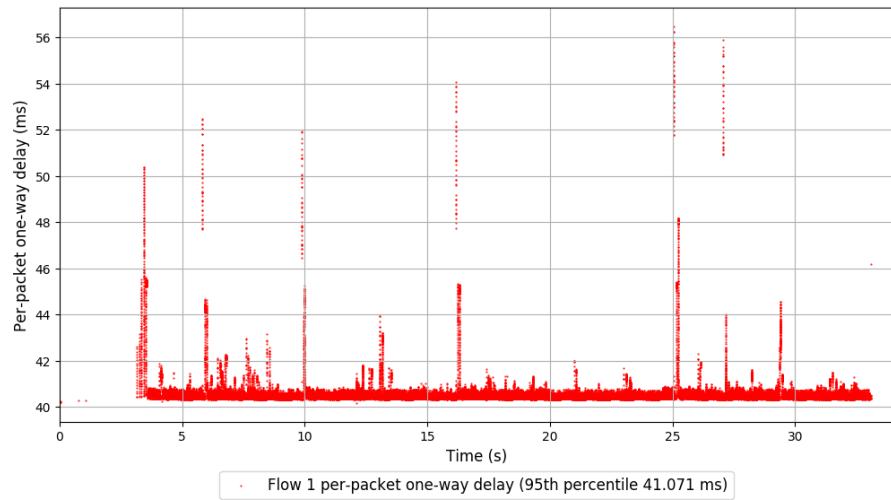
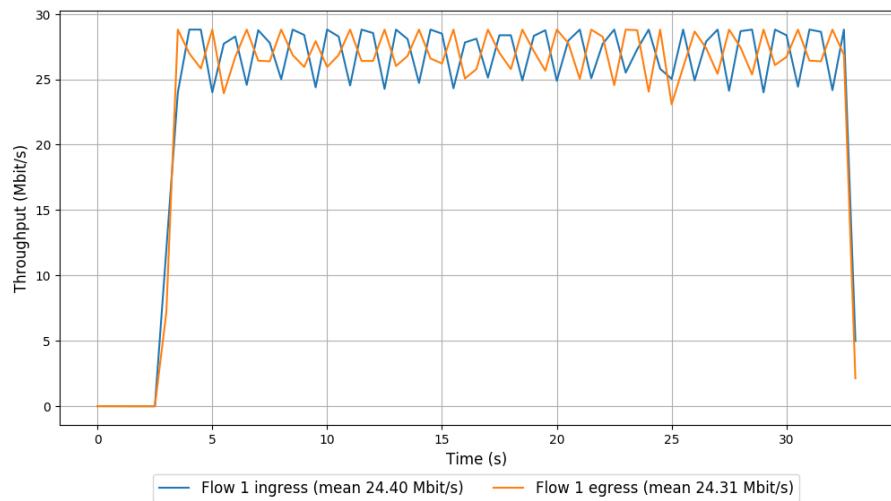


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:51:20 +0000
End at: Fri, 16 Jun 2017 03:51:50 +0000
Local clock offset: -3.385 ms
Remote clock offset: -2.03 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 41.071 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 41.071 ms
Loss rate: 0.60%
```

Run 5: Report of Saturator — Data Link

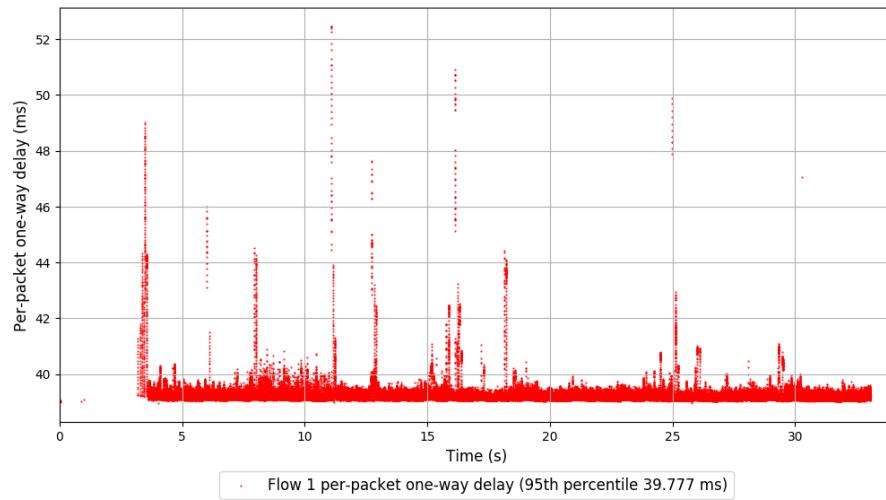
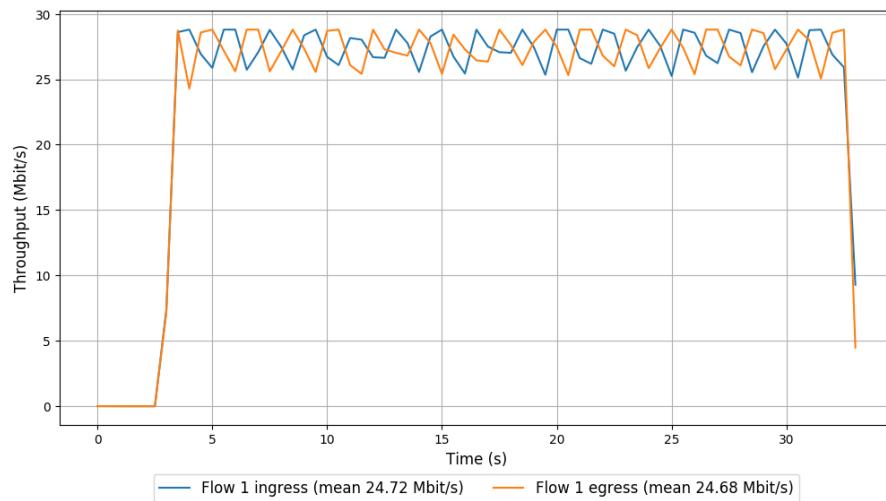


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:10:55 +0000
End at: Fri, 16 Jun 2017 04:11:25 +0000
Local clock offset: -3.077 ms
Remote clock offset: -4.954 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 39.777 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 39.777 ms
Loss rate: 0.40%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 16 Jun 2017 04:30:36 +0000

End at: Fri, 16 Jun 2017 04:31:06 +0000

Local clock offset: -2.194 ms

Remote clock offset: -4.758 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:39:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 38.969 ms

Loss rate: 0.45%

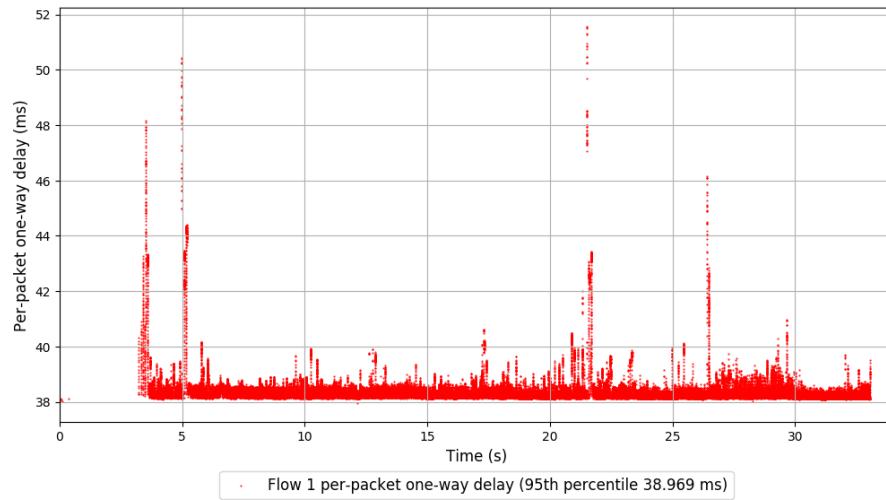
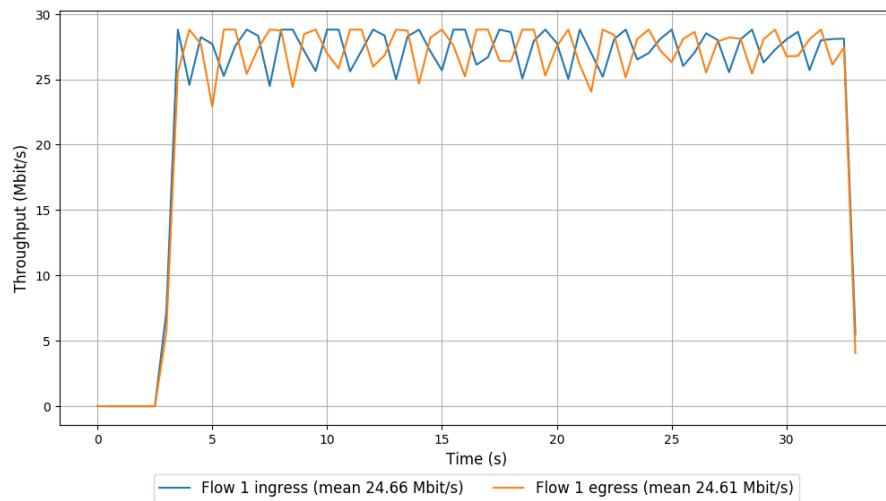
-- Flow 1:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 38.969 ms

Loss rate: 0.45%

Run 7: Report of Saturator — Data Link

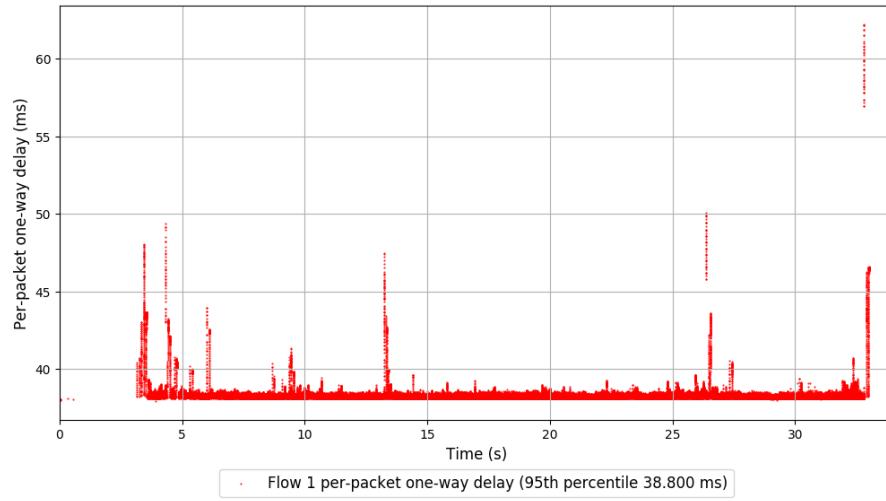
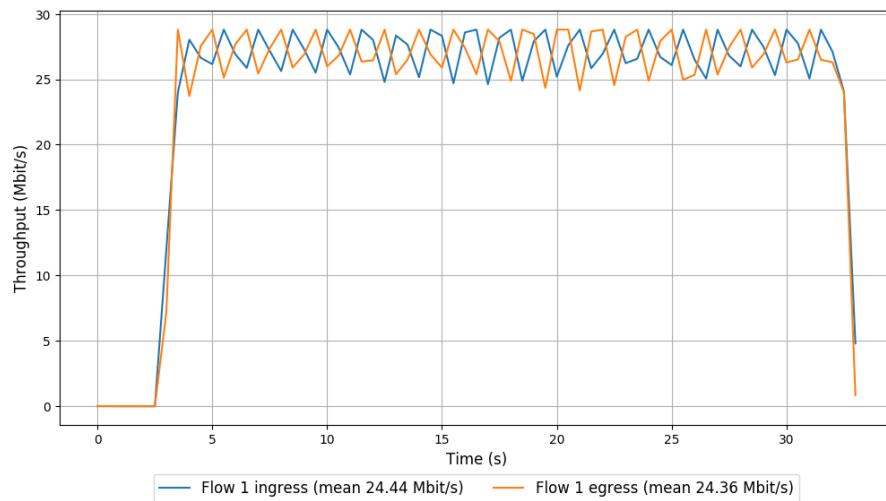


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:50:18 +0000
End at: Fri, 16 Jun 2017 04:50:48 +0000
Local clock offset: -1.253 ms
Remote clock offset: -2.329 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 38.800 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 38.800 ms
Loss rate: 0.59%
```

Run 8: Report of Saturator — Data Link

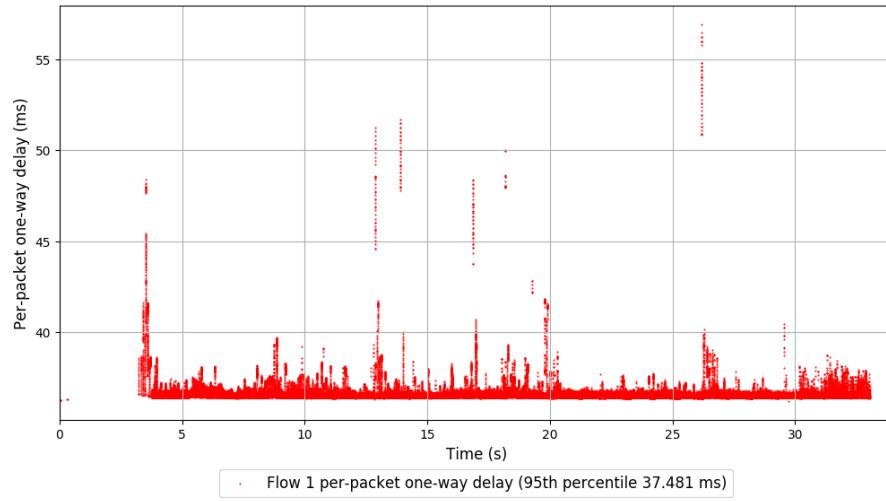
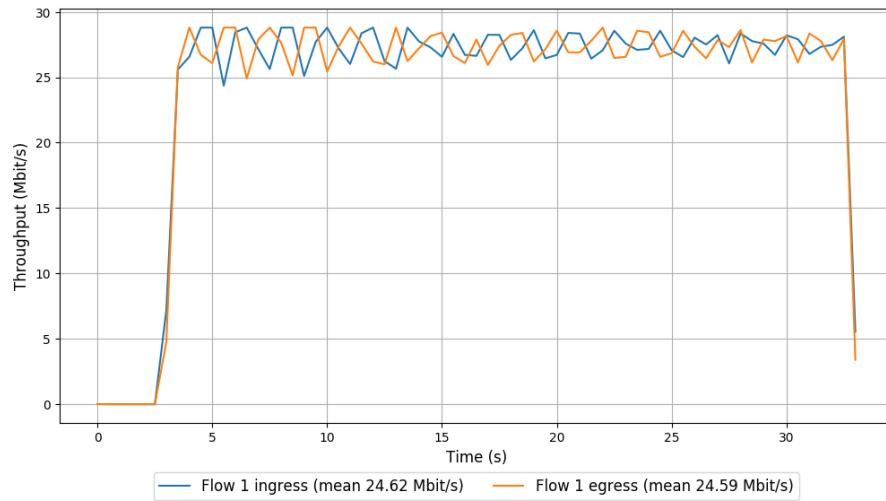


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 05:10:32 +0000
End at: Fri, 16 Jun 2017 05:11:02 +0000
Local clock offset: -0.555 ms
Remote clock offset: -4.984 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 37.481 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 37.481 ms
Loss rate: 0.42%
```

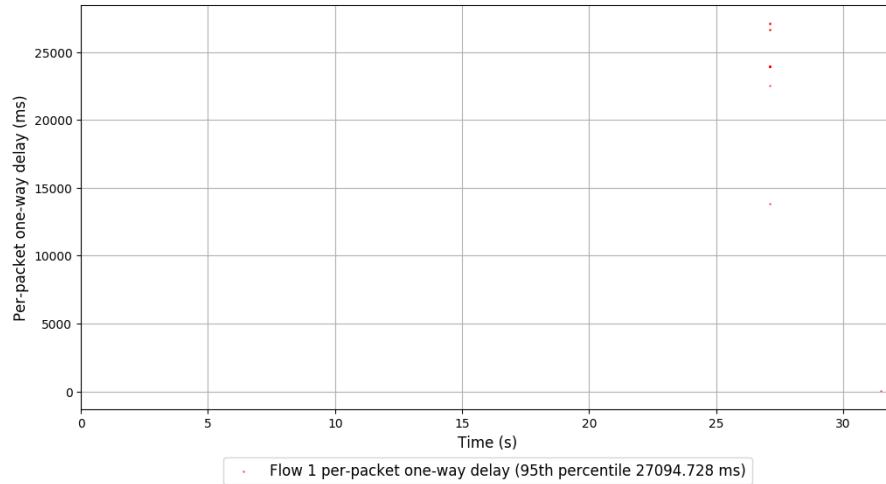
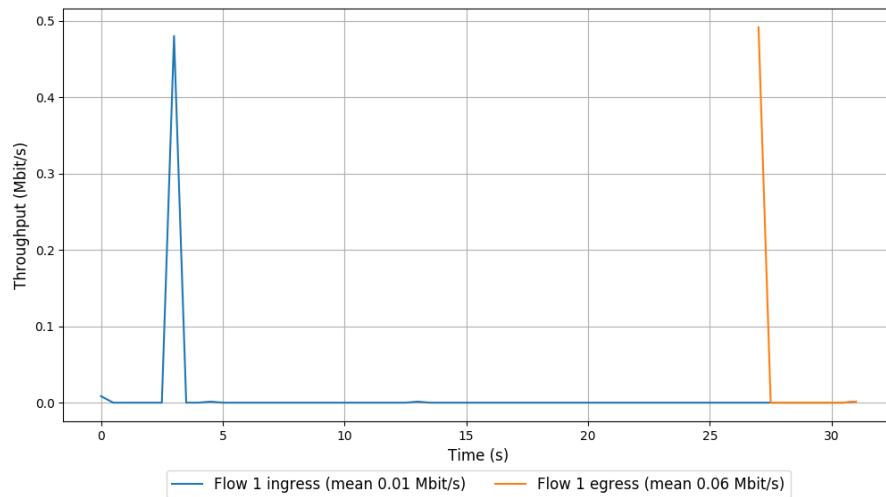
Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Fri, 16 Jun 2017 05:30:14 +0000
End at: Fri, 16 Jun 2017 05:30:44 +0000
Local clock offset: 0.173 ms
Remote clock offset: -4.995 ms

Run 10: Report of Saturator — Data Link

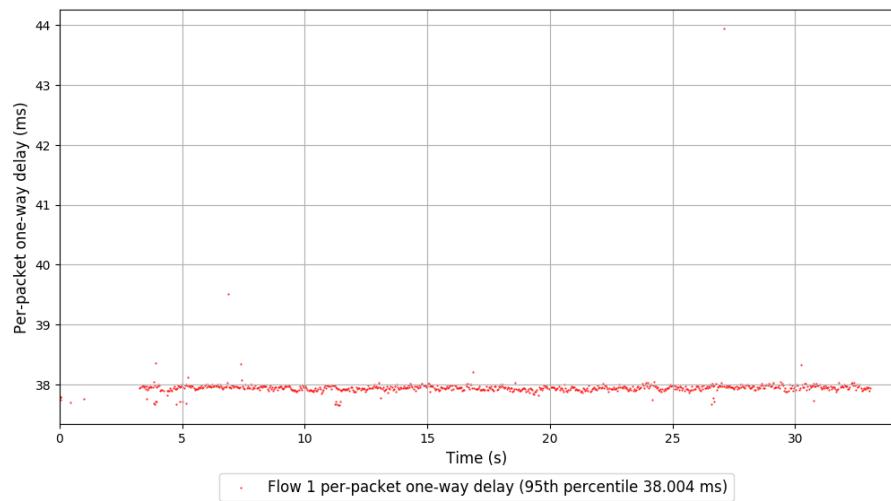
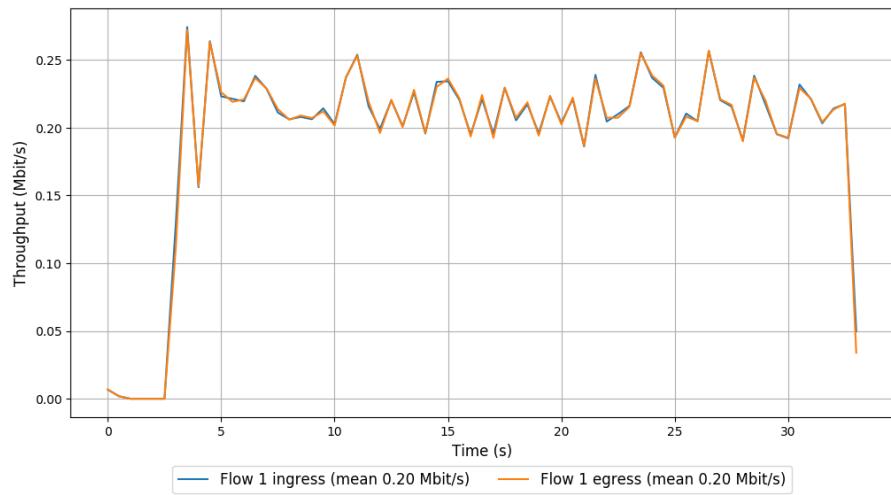


Run 1: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:43:02 +0000
End at: Fri, 16 Jun 2017 02:43:32 +0000
Local clock offset: -1.79 ms
Remote clock offset: -2.673 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.004 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.004 ms
Loss rate: 0.25%
```

Run 1: Report of SCReAM — Data Link

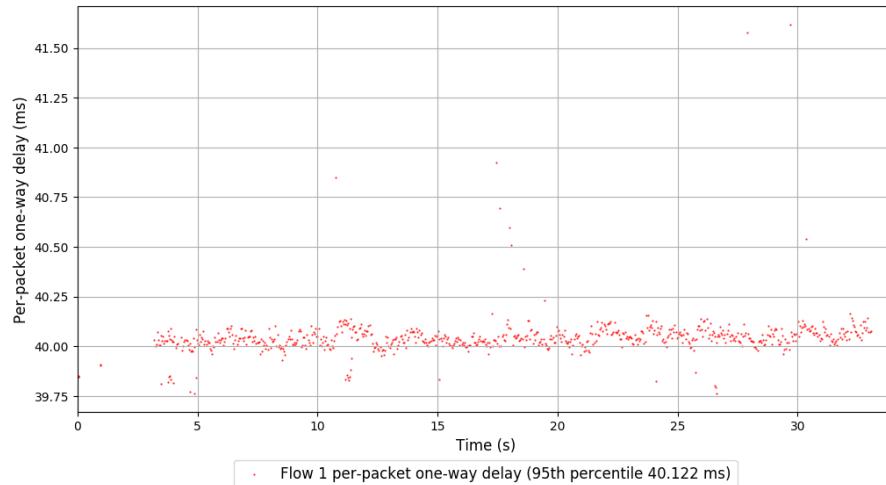
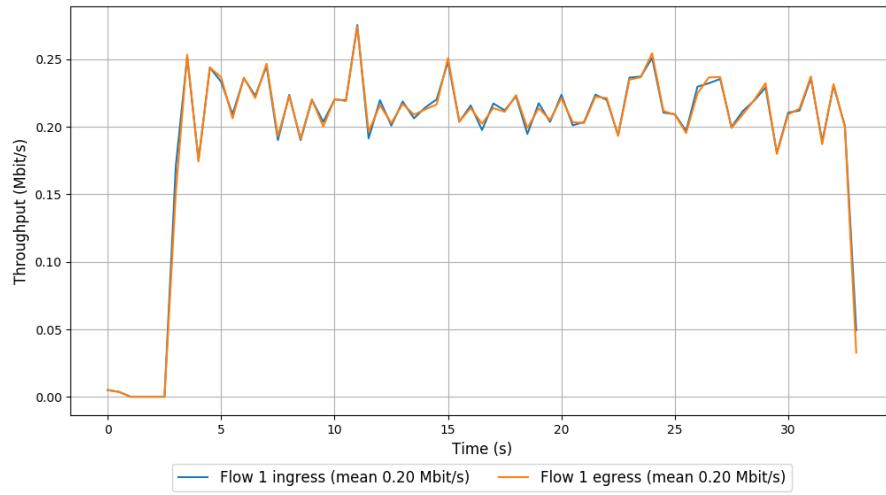


Run 2: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:02:46 +0000
End at: Fri, 16 Jun 2017 03:03:16 +0000
Local clock offset: -2.91 ms
Remote clock offset: -1.982 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.122 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.122 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

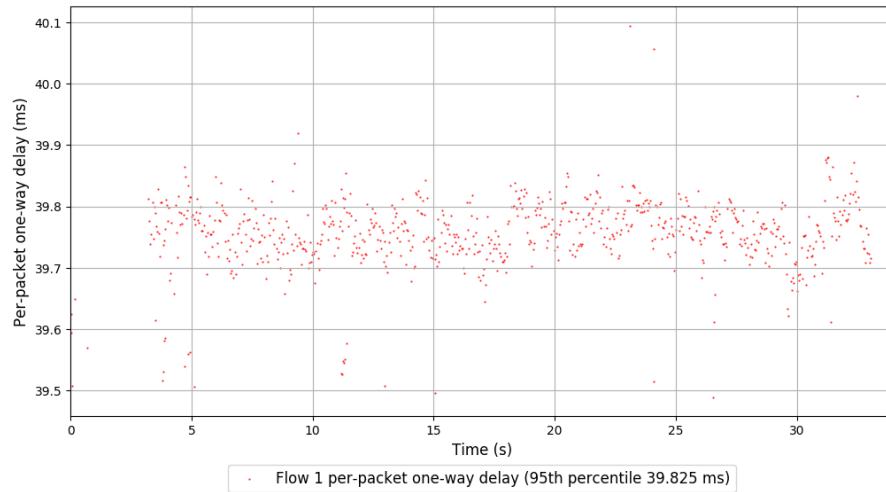
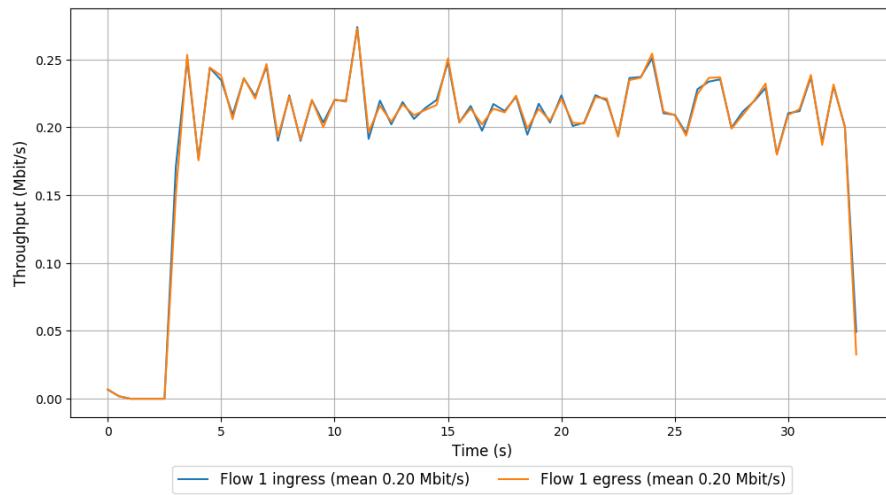


Run 3: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:22:29 +0000
End at: Fri, 16 Jun 2017 03:22:59 +0000
Local clock offset: -3.735 ms
Remote clock offset: -1.91 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.825 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.825 ms
Loss rate: 0.26%
```

Run 3: Report of SCReAM — Data Link

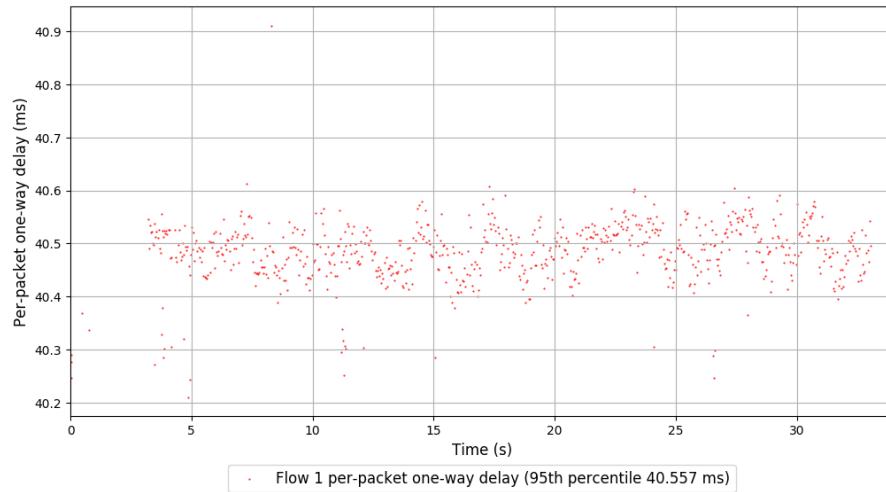
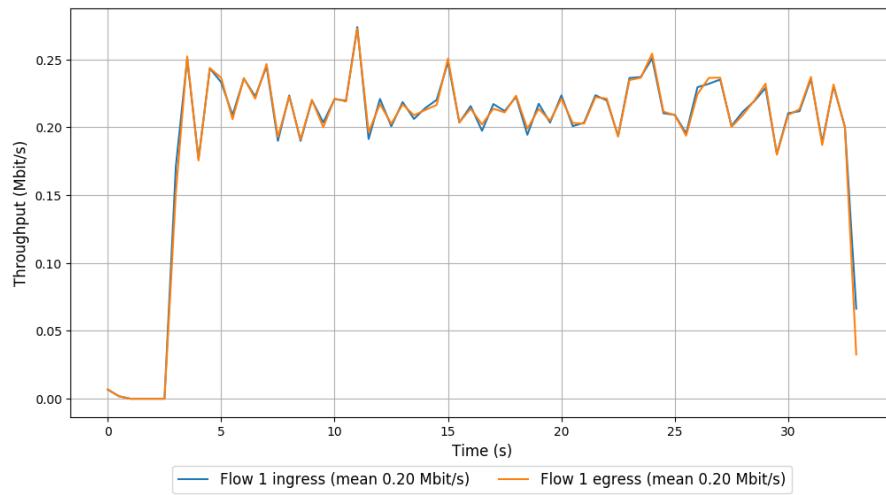


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:42:10 +0000
End at: Fri, 16 Jun 2017 03:42:40 +0000
Local clock offset: -3.409 ms
Remote clock offset: -2.344 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.557 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.557 ms
Loss rate: 0.39%
```

Run 4: Report of SCReAM — Data Link

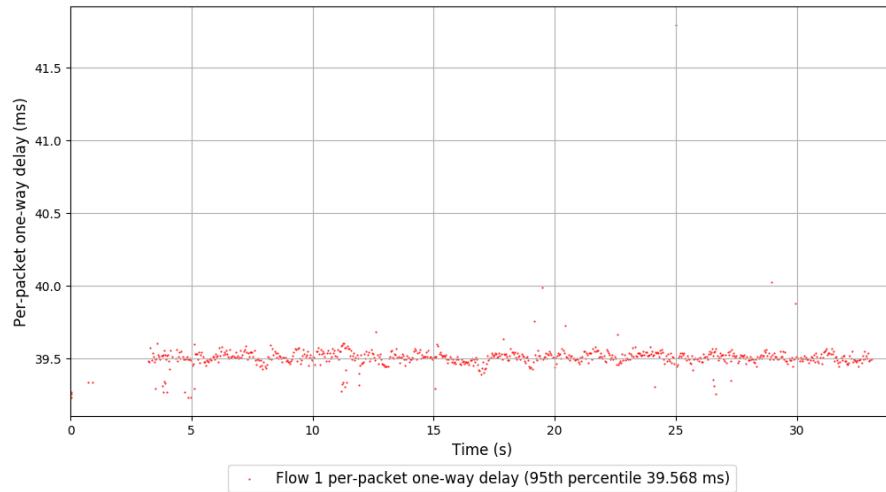
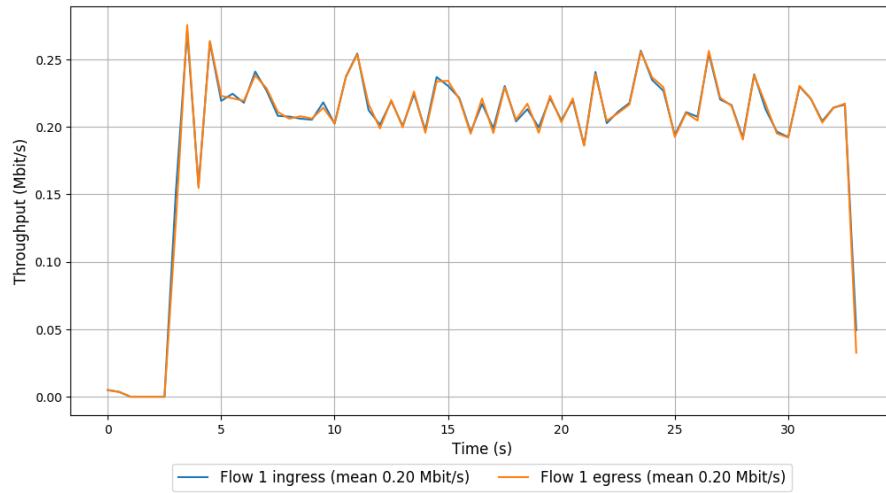


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:01:46 +0000
End at: Fri, 16 Jun 2017 04:02:16 +0000
Local clock offset: -3.419 ms
Remote clock offset: -1.998 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.568 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.568 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

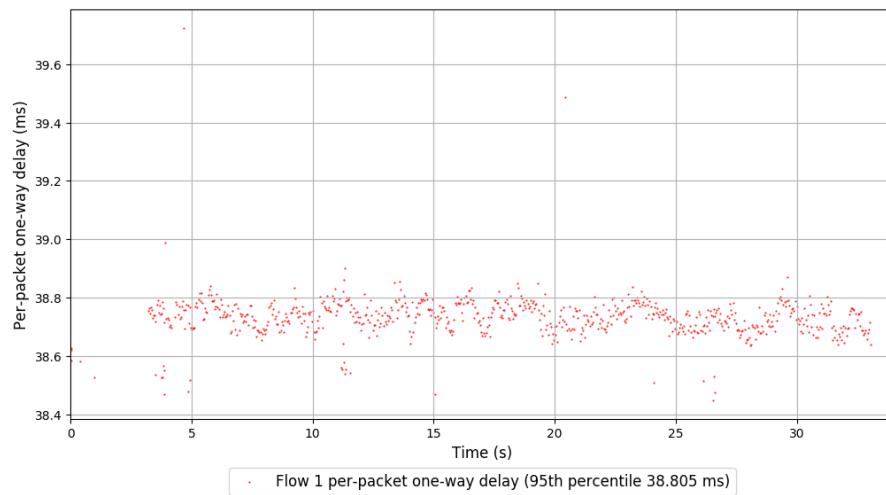
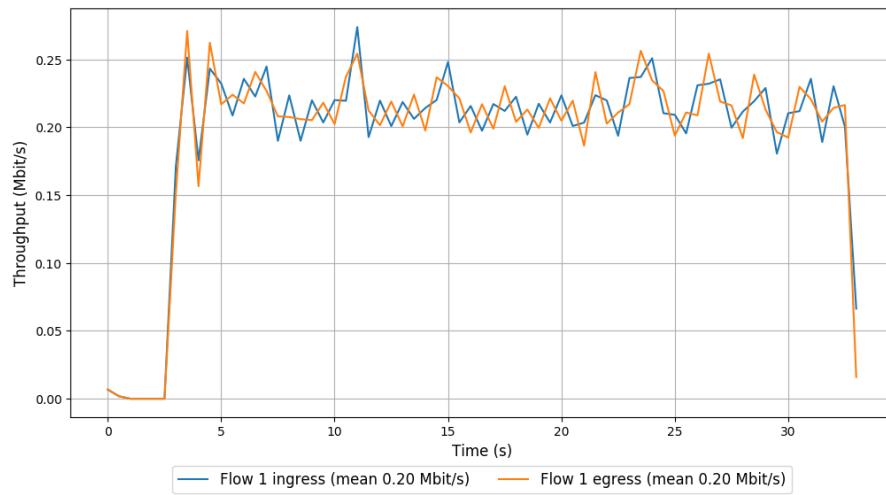


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:21:27 +0000
End at: Fri, 16 Jun 2017 04:21:57 +0000
Local clock offset: -2.54 ms
Remote clock offset: -1.878 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.805 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.805 ms
Loss rate: 0.39%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 04:41:08 +0000

End at: Fri, 16 Jun 2017 04:41:38 +0000

Local clock offset: -1.613 ms

Remote clock offset: -4.39 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:39:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 38.778 ms

Loss rate: 0.26%

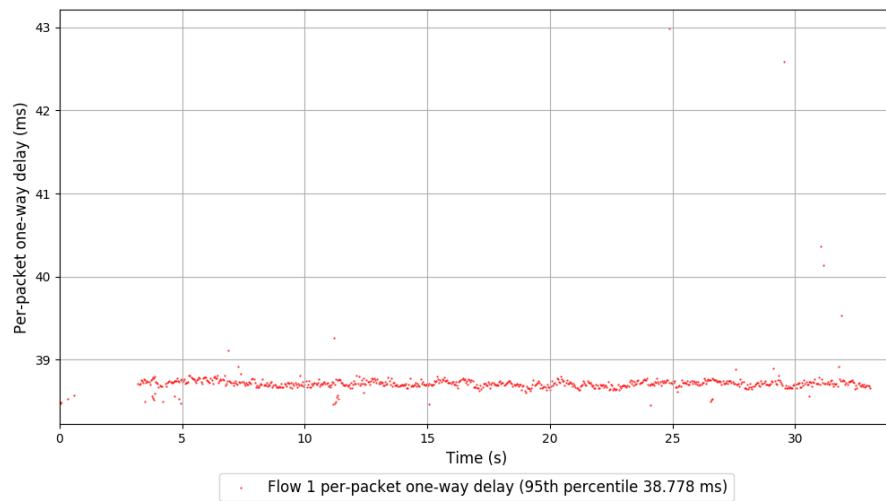
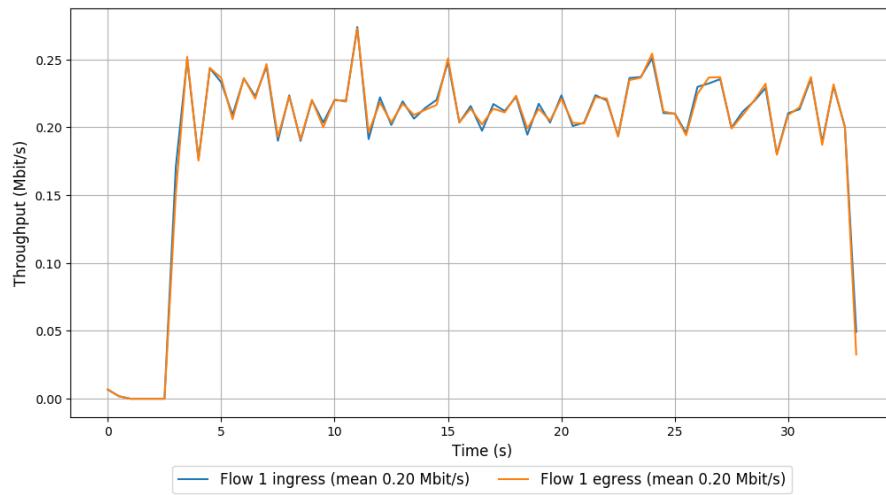
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 38.778 ms

Loss rate: 0.26%

Run 7: Report of SCReAM — Data Link

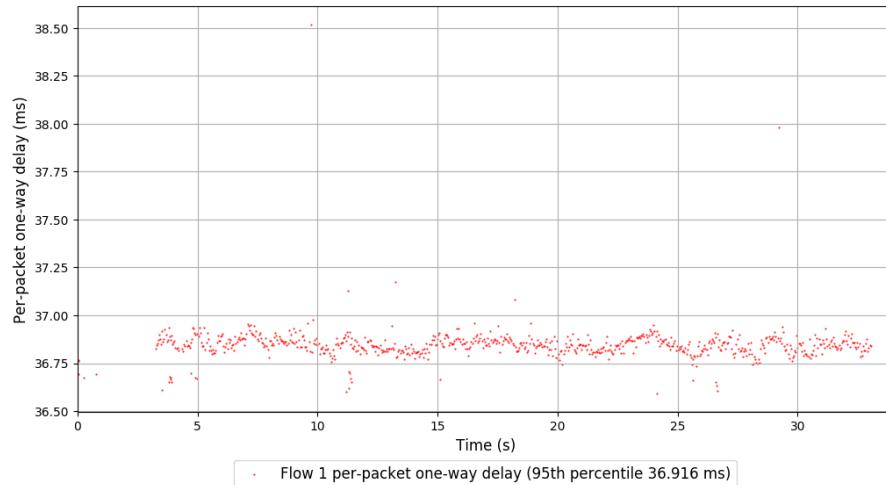
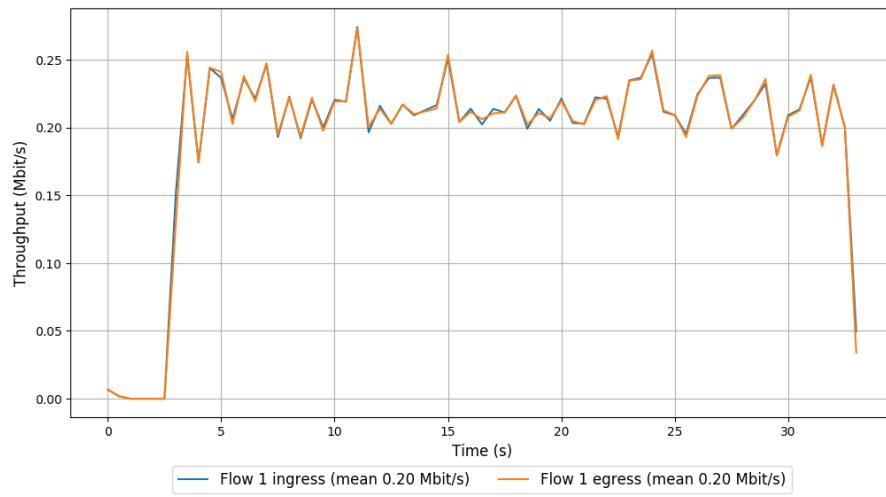


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:00:53 +0000
End at: Fri, 16 Jun 2017 05:01:23 +0000
Local clock offset: -0.893 ms
Remote clock offset: -4.434 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.916 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.916 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

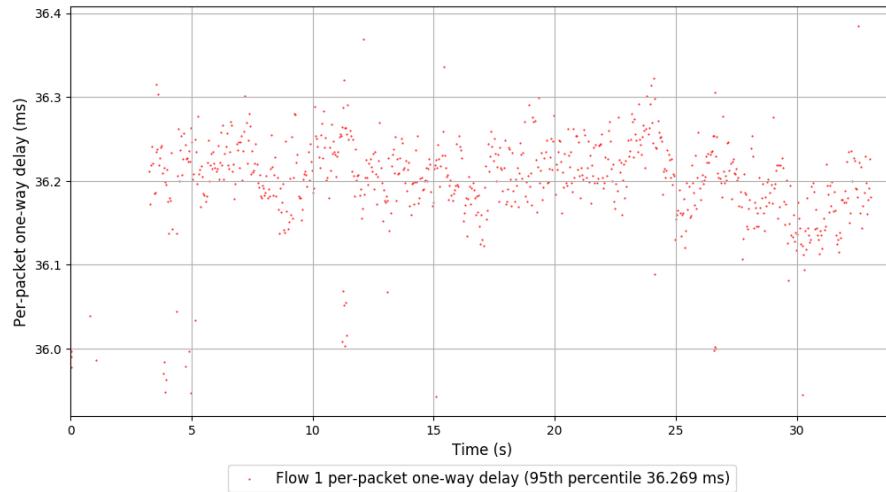
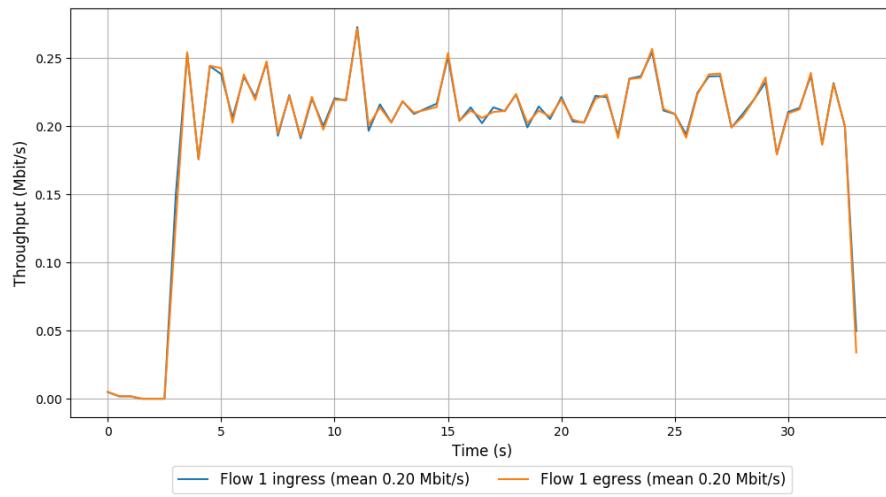


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:21:03 +0000
End at: Fri, 16 Jun 2017 05:21:33 +0000
Local clock offset: -0.133 ms
Remote clock offset: -2.482 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.269 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.269 ms
Loss rate: 0.25%
```

Run 9: Report of SCReAM — Data Link

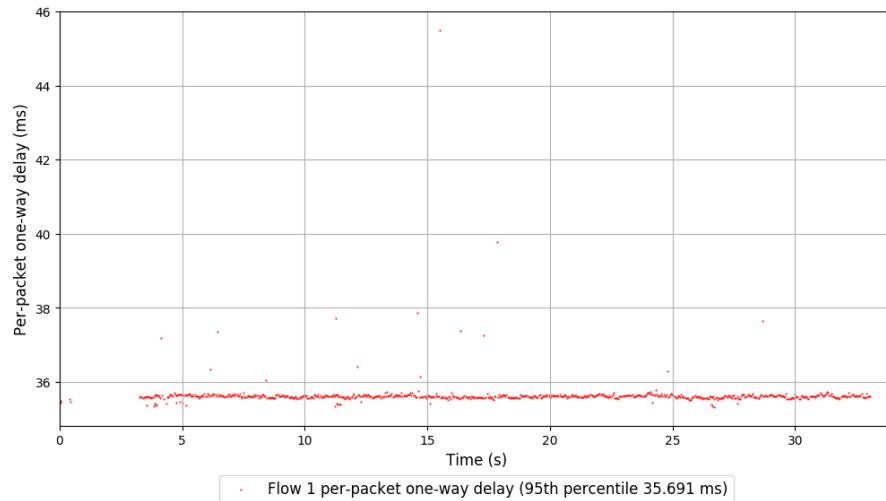
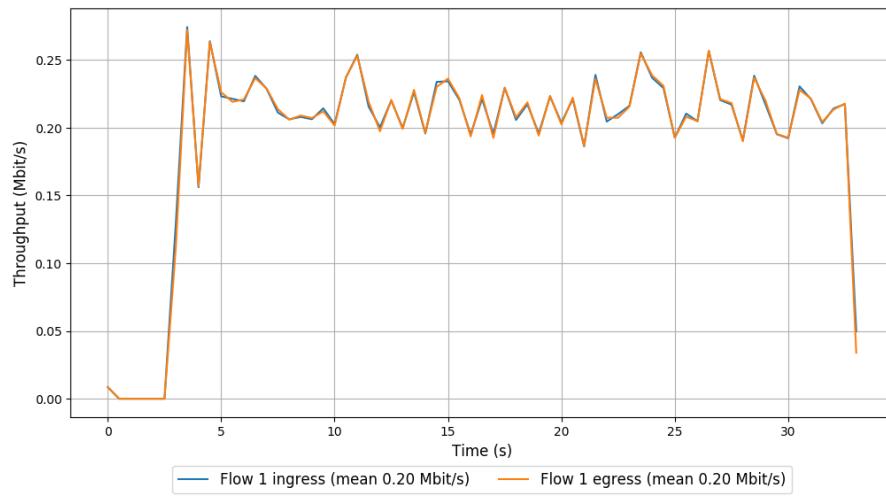


Run 10: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:40:40 +0000
End at: Fri, 16 Jun 2017 05:41:10 +0000
Local clock offset: 0.398 ms
Remote clock offset: -4.641 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.691 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.691 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

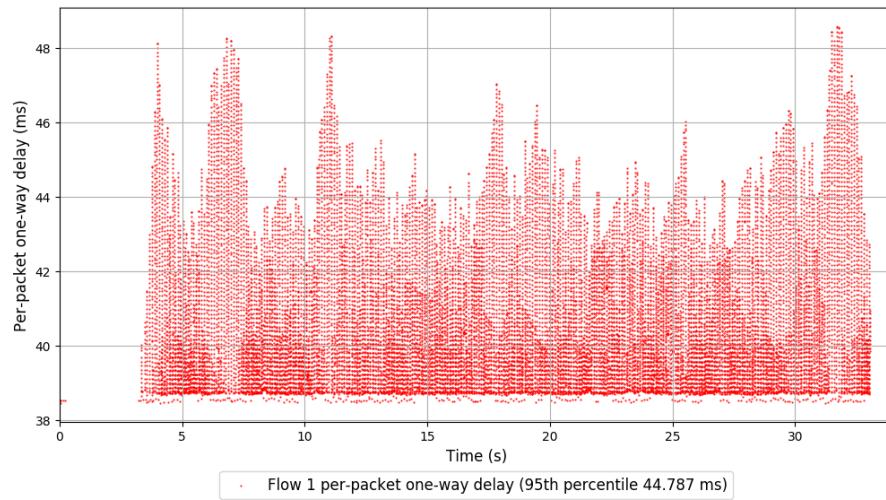
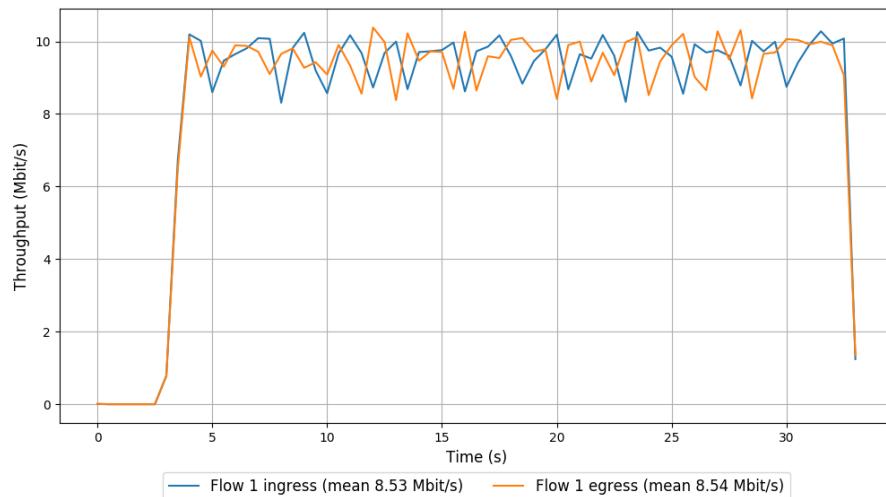


Run 1: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:40:29 +0000
End at: Fri, 16 Jun 2017 02:40:59 +0000
Local clock offset: -1.615 ms
Remote clock offset: -1.935 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 44.787 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 44.787 ms
Loss rate: 0.22%
```

Run 1: Report of Sprout — Data Link

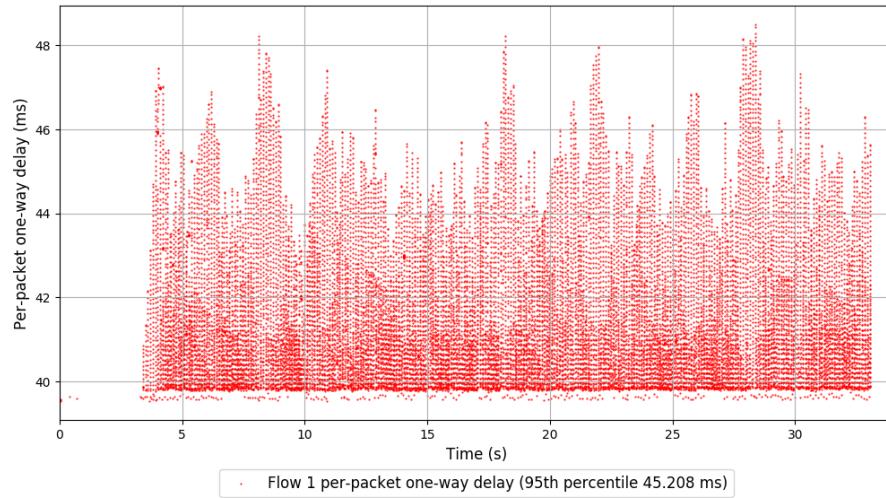
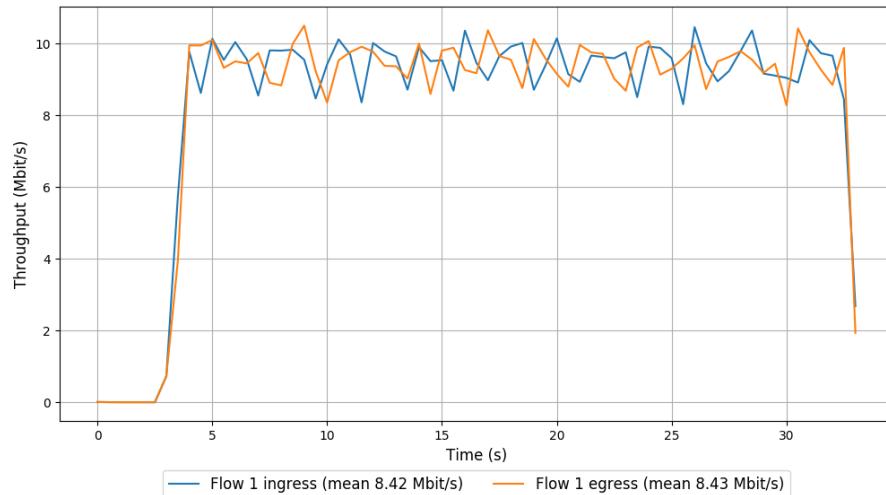


Run 2: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:00:13 +0000
End at: Fri, 16 Jun 2017 03:00:43 +0000
Local clock offset: -2.684 ms
Remote clock offset: -2.371 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 45.208 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 45.208 ms
Loss rate: 0.17%
```

Run 2: Report of Sprout — Data Link

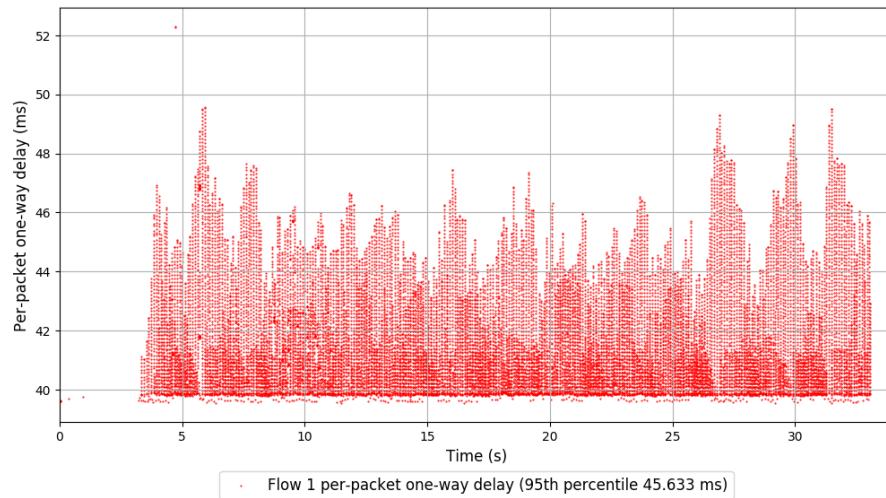
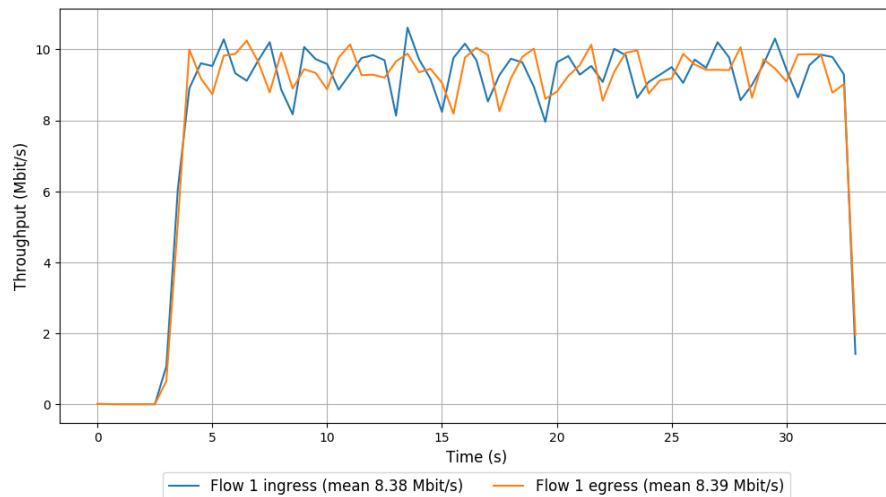


Run 3: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:19:55 +0000
End at: Fri, 16 Jun 2017 03:20:25 +0000
Local clock offset: -3.707 ms
Remote clock offset: -1.918 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 45.633 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 45.633 ms
Loss rate: 0.13%
```

Run 3: Report of Sprout — Data Link

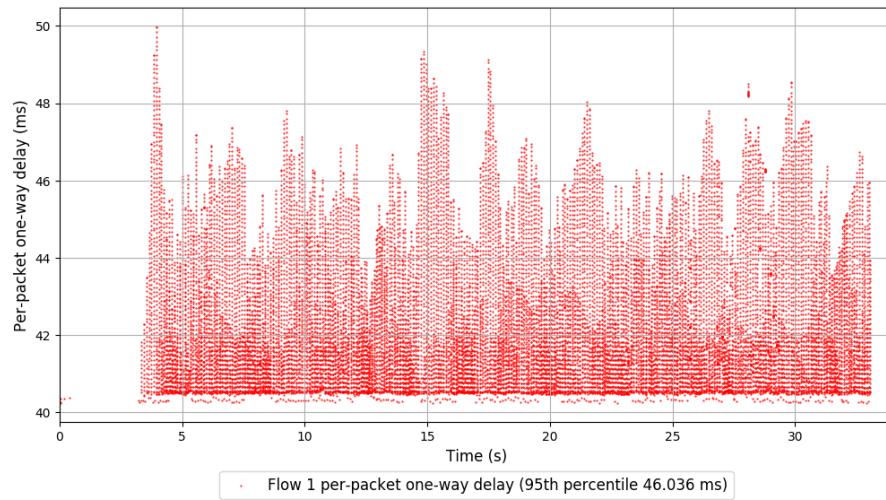
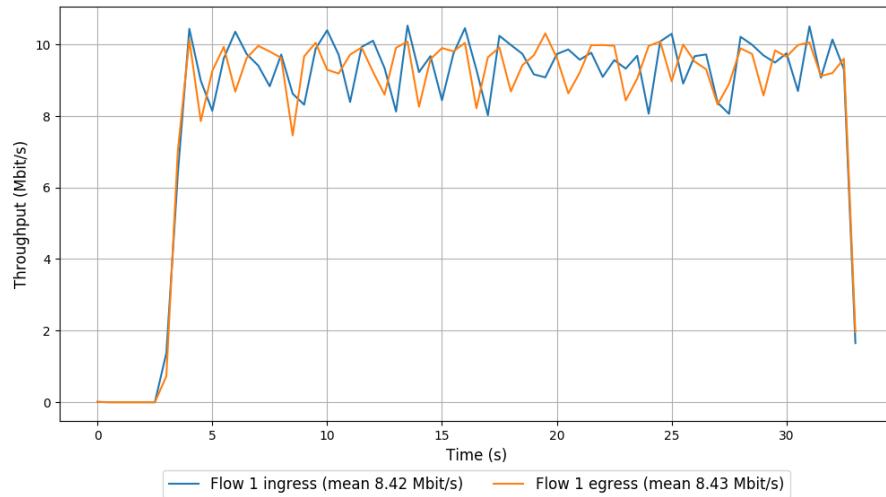


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:39:37 +0000
End at: Fri, 16 Jun 2017 03:40:07 +0000
Local clock offset: -3.566 ms
Remote clock offset: -1.93 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 46.036 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 46.036 ms
Loss rate: 0.16%
```

Run 4: Report of Sprout — Data Link

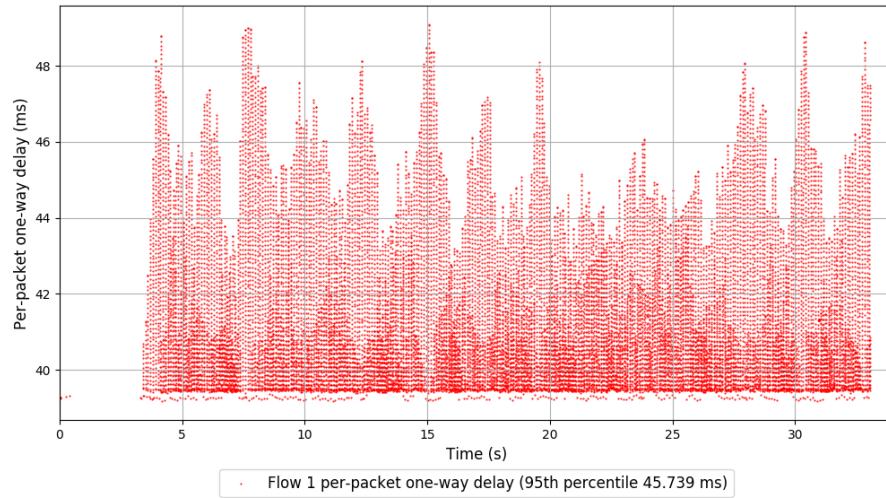
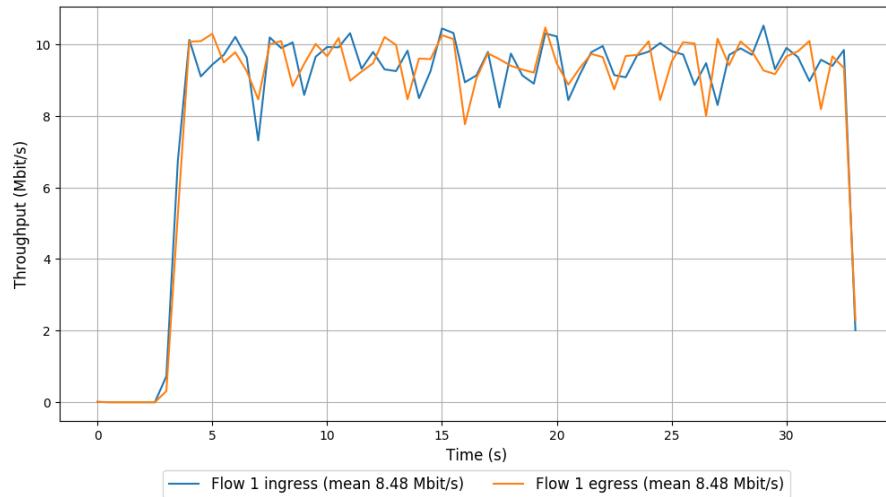


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:59:14 +0000
End at: Fri, 16 Jun 2017 03:59:44 +0000
Local clock offset: -3.431 ms
Remote clock offset: -4.376 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 45.739 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 45.739 ms
Loss rate: 0.30%
```

Run 5: Report of Sprout — Data Link

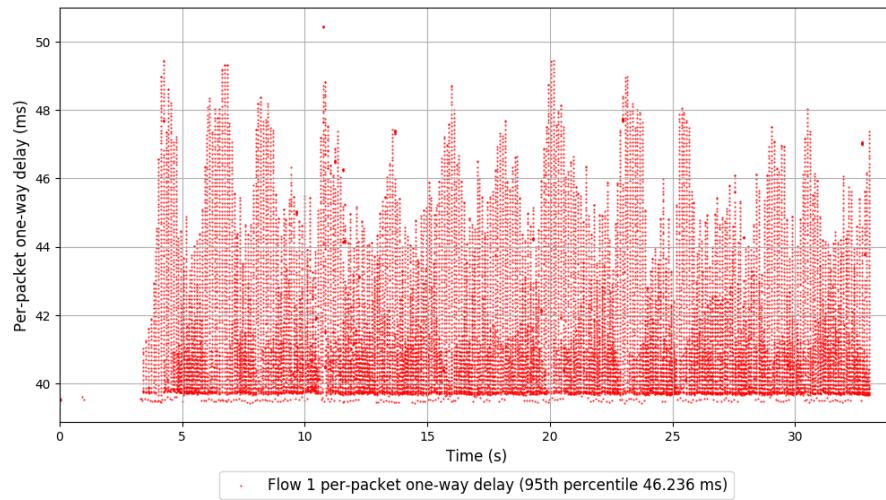
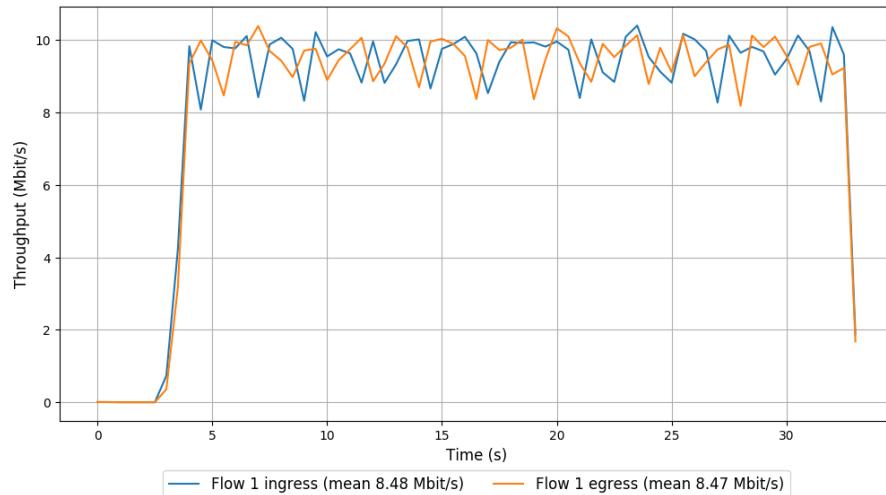


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:18:54 +0000
End at: Fri, 16 Jun 2017 04:19:24 +0000
Local clock offset: -2.786 ms
Remote clock offset: -4.841 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 46.236 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 46.236 ms
Loss rate: 0.33%
```

Run 6: Report of Sprout — Data Link

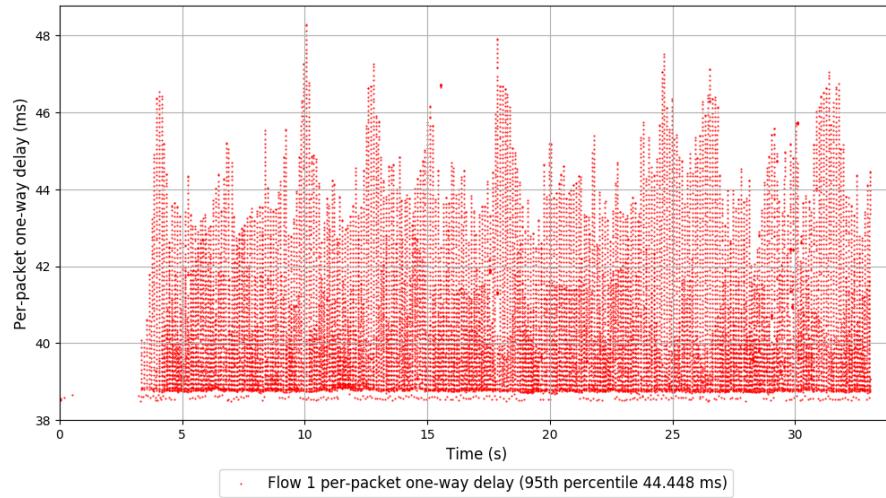
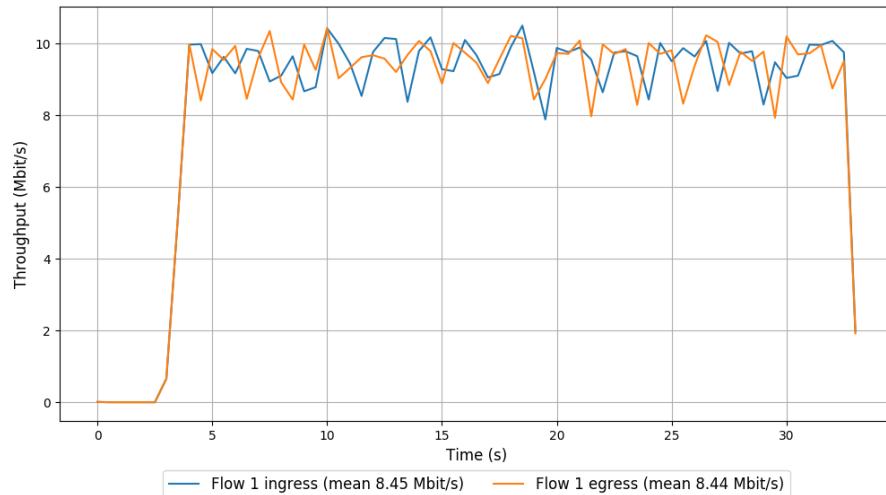


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:38:35 +0000
End at: Fri, 16 Jun 2017 04:39:05 +0000
Local clock offset: -1.847 ms
Remote clock offset: -1.894 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 44.448 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 44.448 ms
Loss rate: 0.34%
```

Run 7: Report of Sprout — Data Link

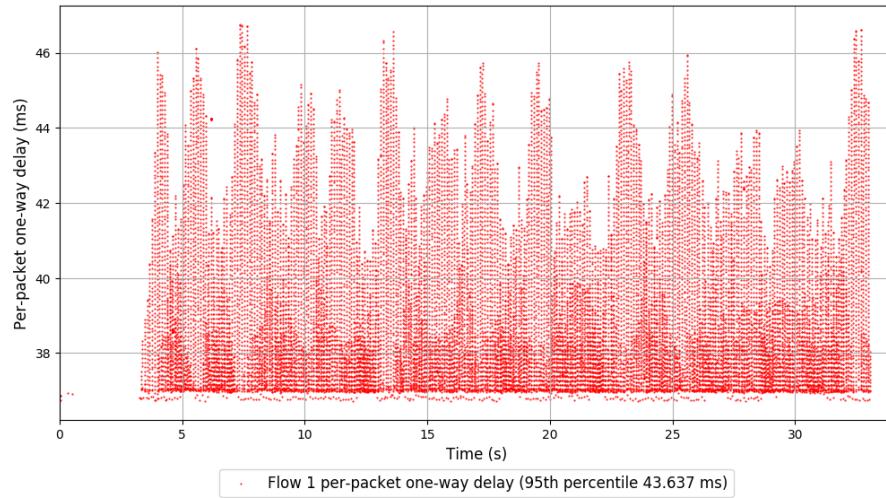
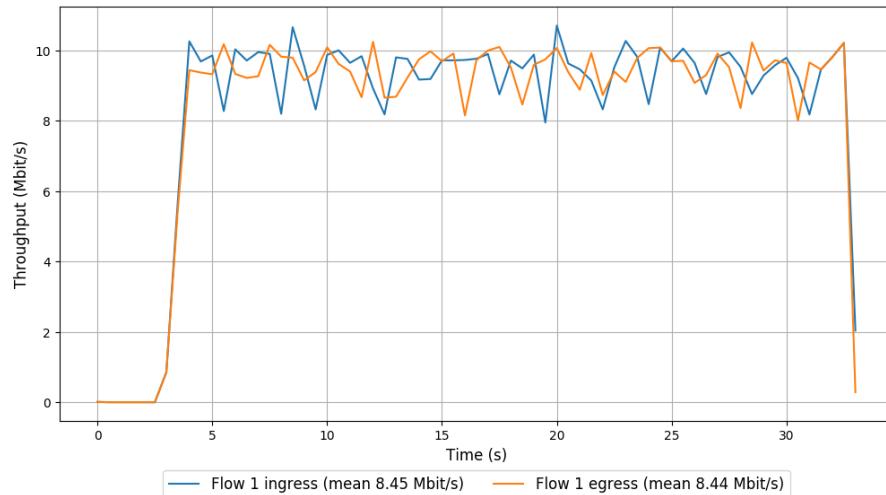


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:58:20 +0000
End at: Fri, 16 Jun 2017 04:58:50 +0000
Local clock offset: -0.881 ms
Remote clock offset: -2.485 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 43.637 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 43.637 ms
Loss rate: 0.31%
```

Run 8: Report of Sprout — Data Link

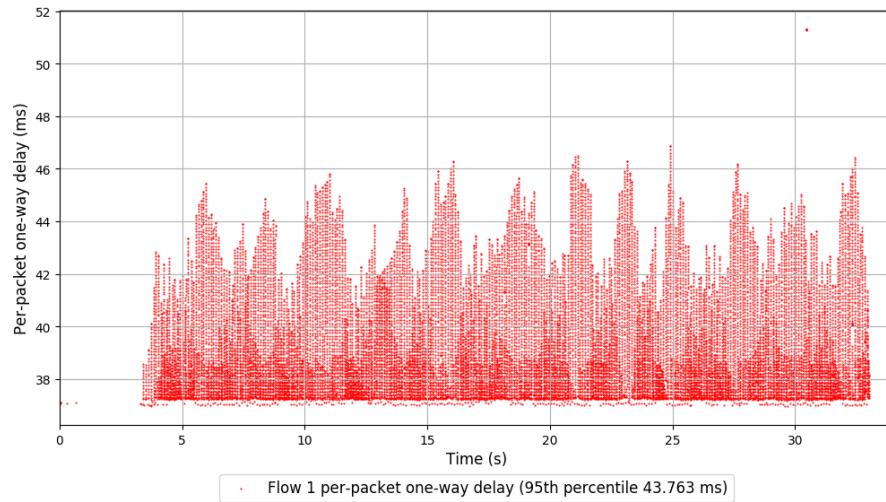
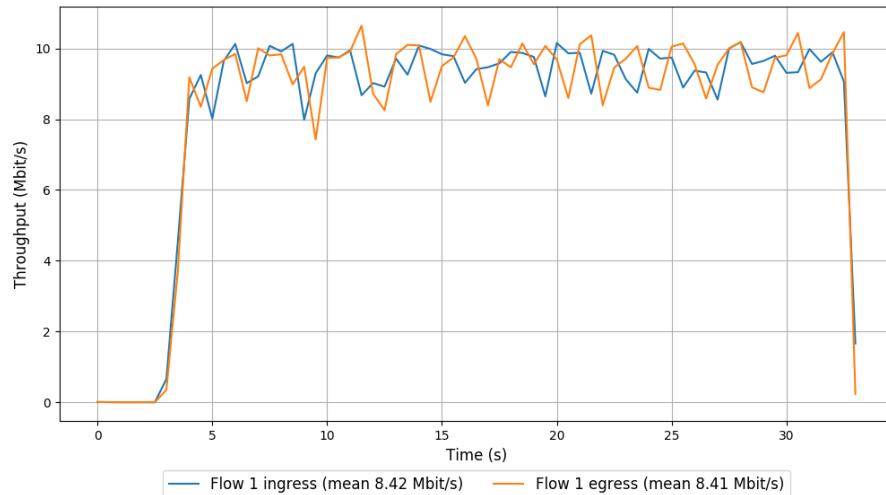


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 05:18:31 +0000
End at: Fri, 16 Jun 2017 05:19:01 +0000
Local clock offset: -0.34 ms
Remote clock offset: -2.729 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 43.763 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 43.763 ms
Loss rate: 0.30%
```

Run 9: Report of Sprout — Data Link

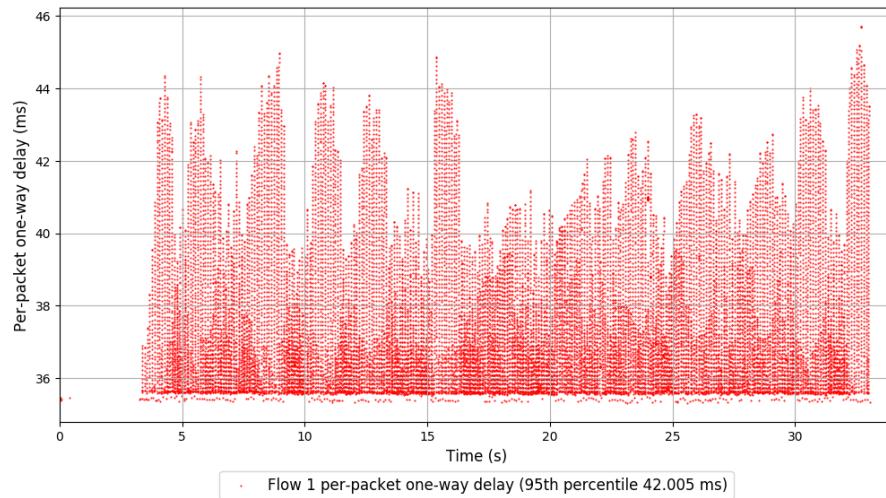
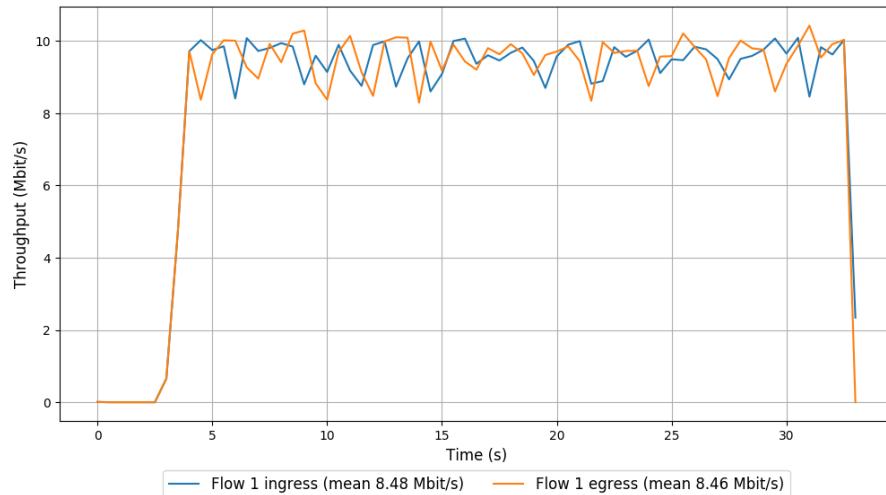


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 05:38:08 +0000
End at: Fri, 16 Jun 2017 05:38:38 +0000
Local clock offset: 0.437 ms
Remote clock offset: -4.562 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 42.005 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 42.005 ms
Loss rate: 0.42%
```

Run 10: Report of Sprout — Data Link

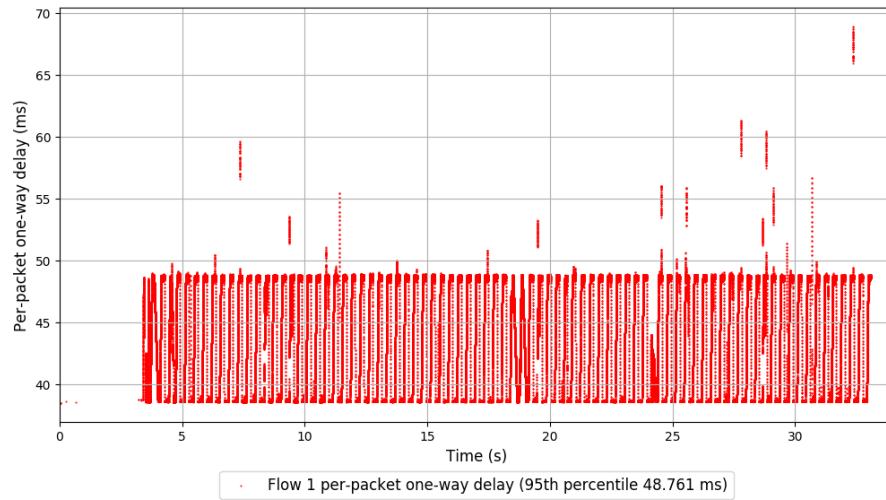
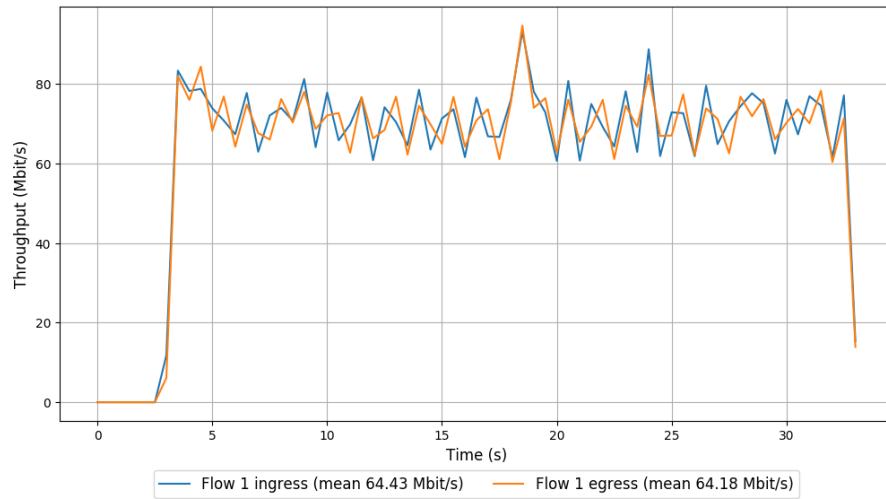


Run 1: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:35:09 +0000
End at: Fri, 16 Jun 2017 02:35:39 +0000
Local clock offset: -1.497 ms
Remote clock offset: -4.456 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 48.761 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 48.761 ms
Loss rate: 0.66%
```

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

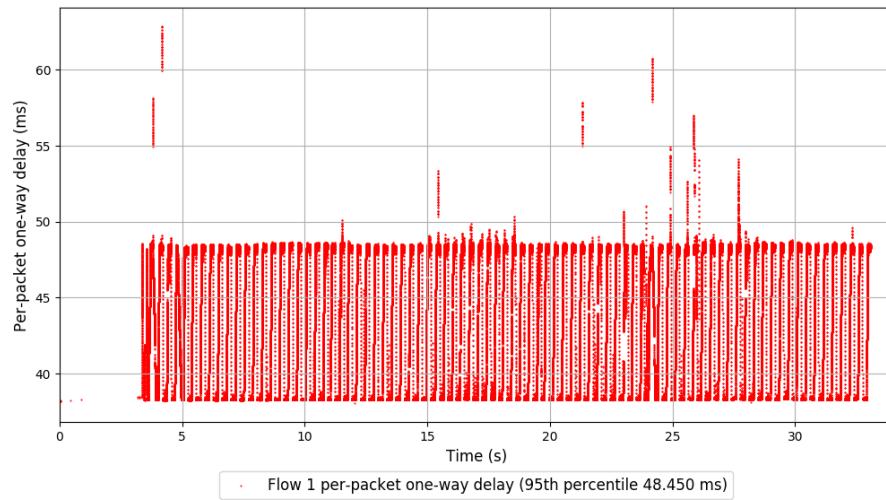
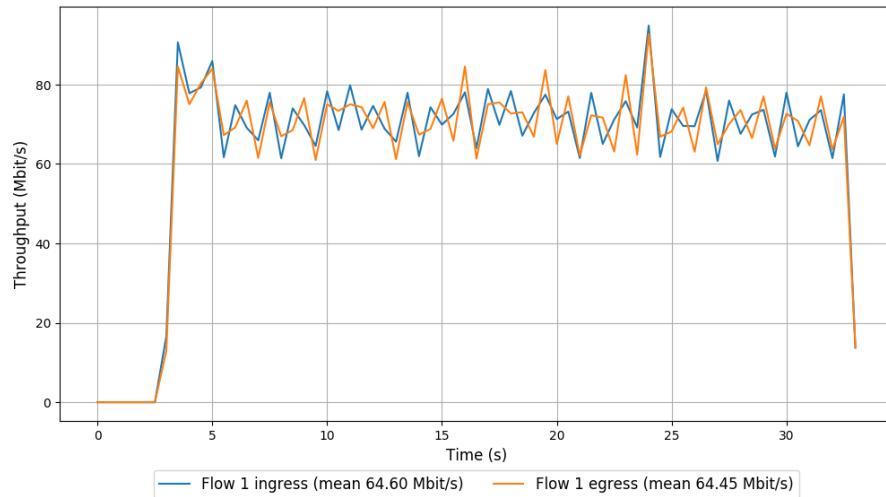


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:54:48 +0000
End at: Fri, 16 Jun 2017 02:55:18 +0000
Local clock offset: -2.211 ms
Remote clock offset: -4.416 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:39:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 48.450 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 48.450 ms
Loss rate: 0.51%
```

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

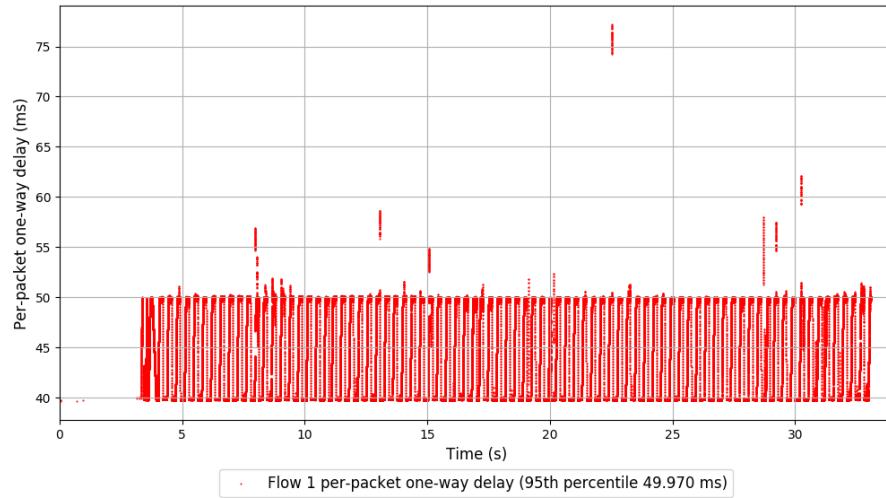
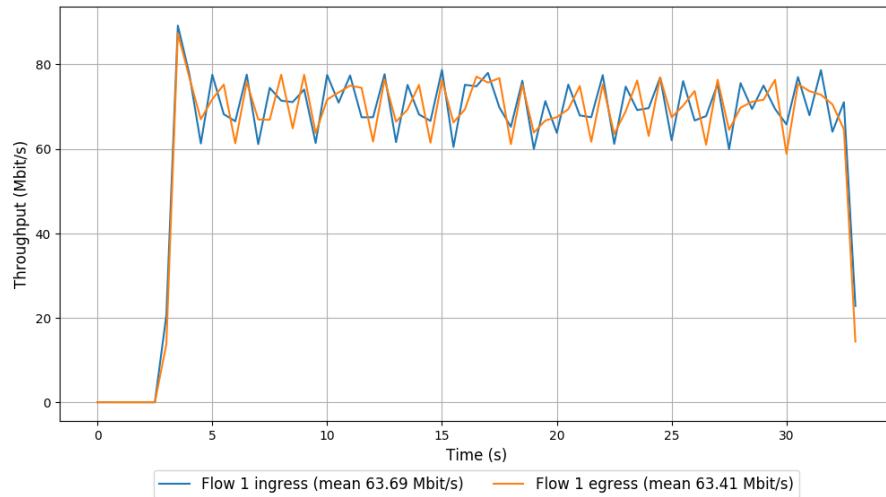


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:14:32 +0000
End at: Fri, 16 Jun 2017 03:15:02 +0000
Local clock offset: -3.824 ms
Remote clock offset: -2.732 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:40:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 49.970 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 49.970 ms
Loss rate: 0.71%
```

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

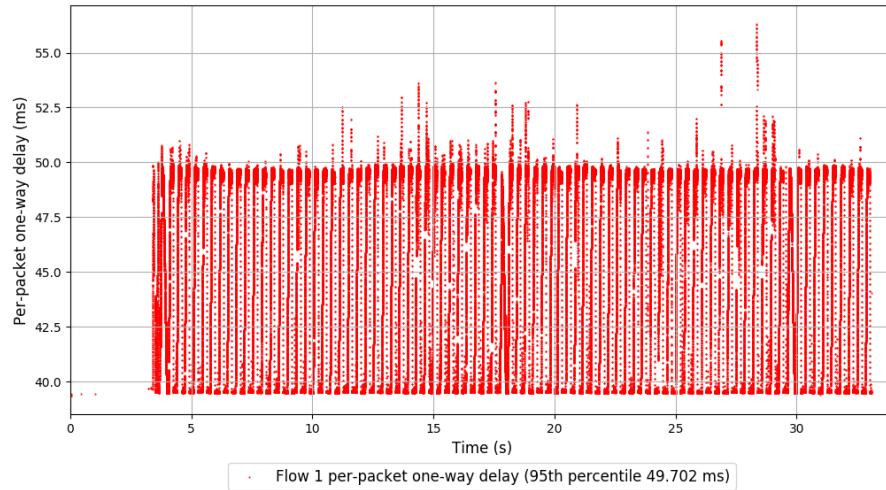
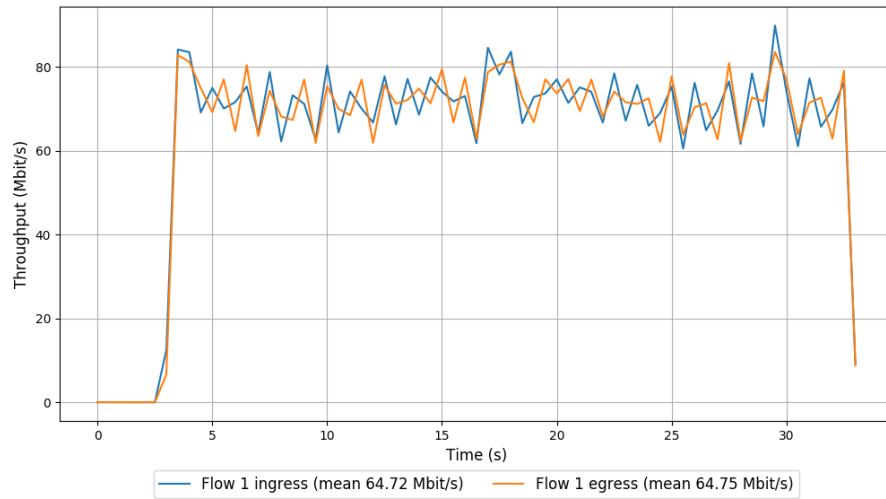


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:34:16 +0000
End at: Fri, 16 Jun 2017 03:34:46 +0000
Local clock offset: -3.532 ms
Remote clock offset: -4.517 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:40:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 49.702 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 49.702 ms
Loss rate: 0.21%
```

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

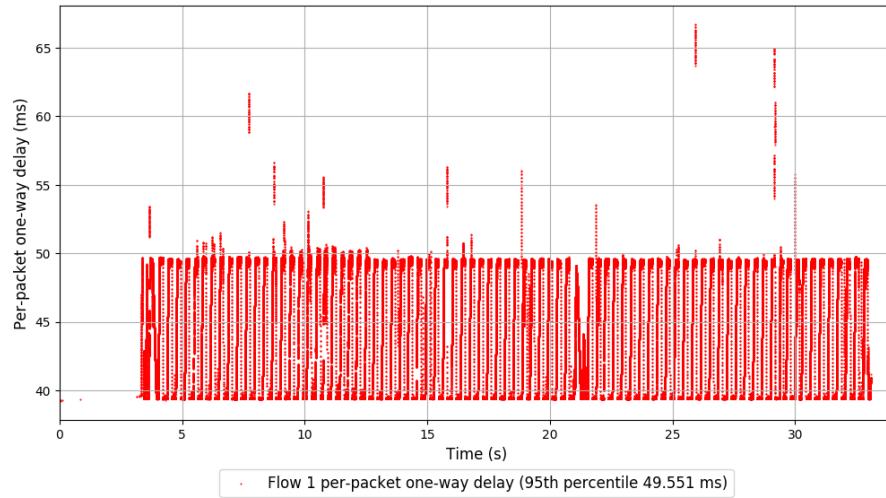
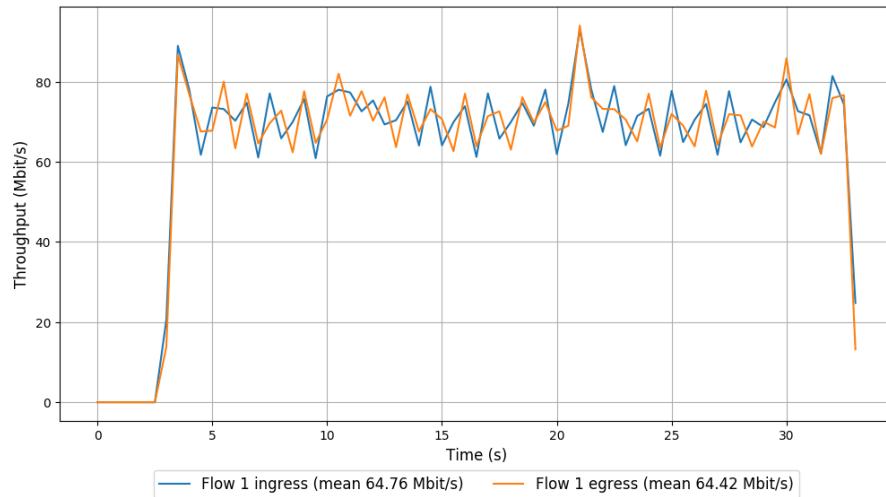


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:53:54 +0000
End at: Fri, 16 Jun 2017 03:54:24 +0000
Local clock offset: -3.472 ms
Remote clock offset: -2.835 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:40:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 49.551 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 49.551 ms
Loss rate: 0.80%
```

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:13:30 +0000

End at: Fri, 16 Jun 2017 04:14:00 +0000

Local clock offset: -2.993 ms

Remote clock offset: -2.452 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:40:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.95 Mbit/s

95th percentile per-packet one-way delay: 49.011 ms

Loss rate: 0.51%

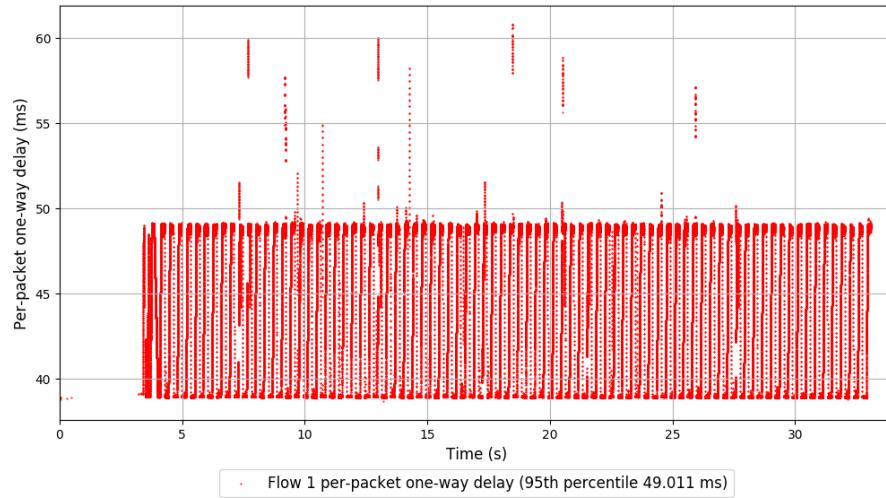
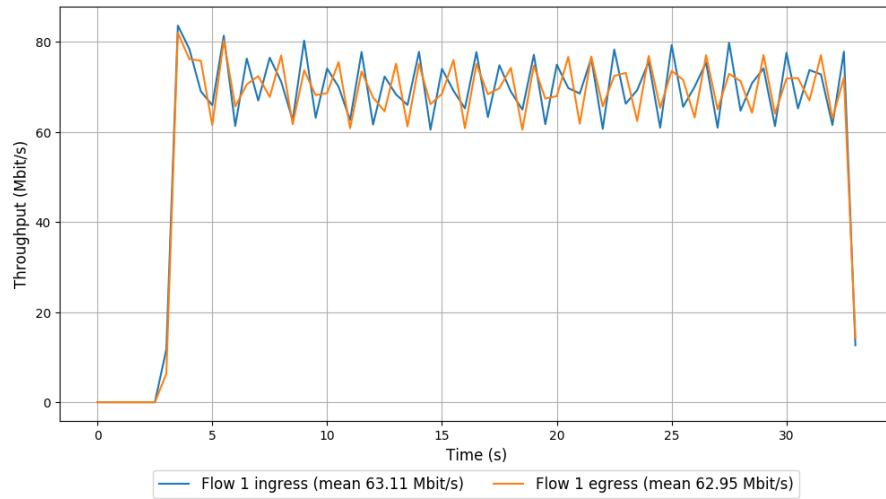
-- Flow 1:

Average throughput: 62.95 Mbit/s

95th percentile per-packet one-way delay: 49.011 ms

Loss rate: 0.51%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:33:11 +0000

End at: Fri, 16 Jun 2017 04:33:41 +0000

Local clock offset: -2.071 ms

Remote clock offset: -4.513 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:40:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.22 Mbit/s

95th percentile per-packet one-way delay: 48.147 ms

Loss rate: 0.54%

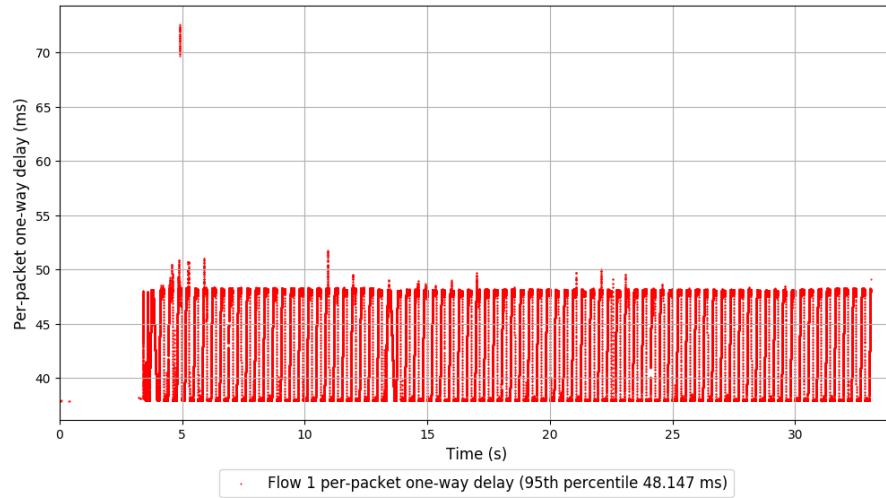
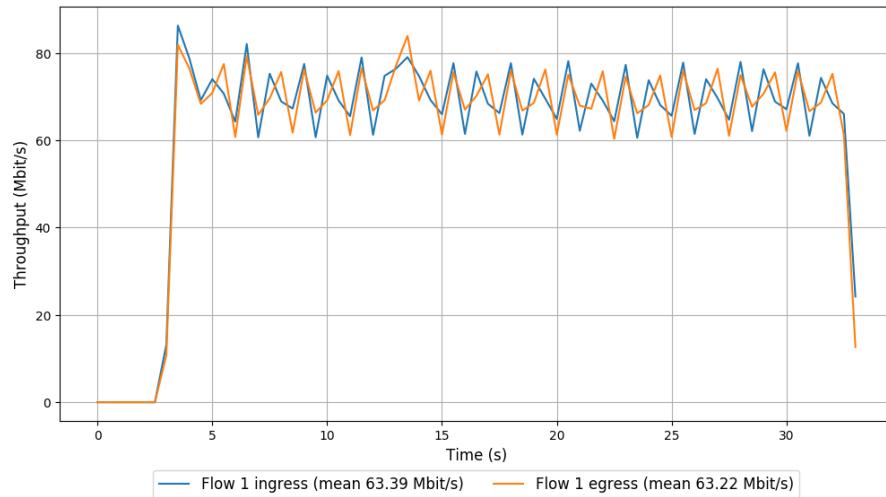
-- Flow 1:

Average throughput: 63.22 Mbit/s

95th percentile per-packet one-way delay: 48.147 ms

Loss rate: 0.54%

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

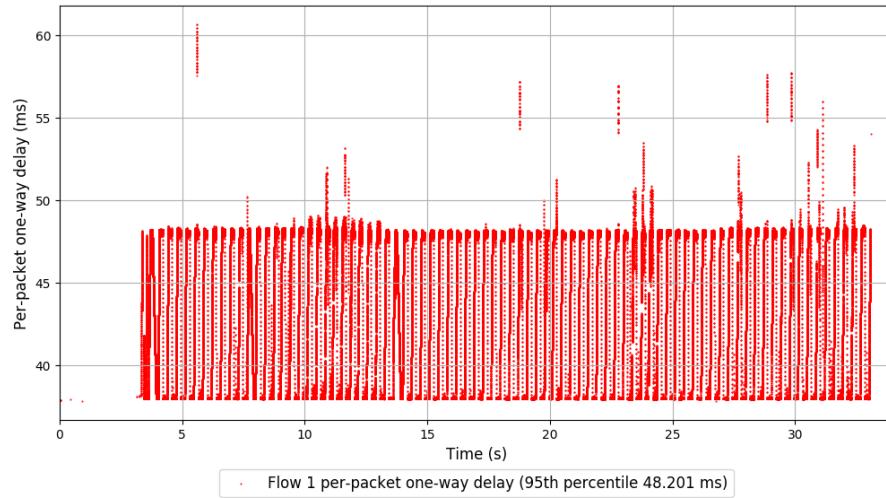
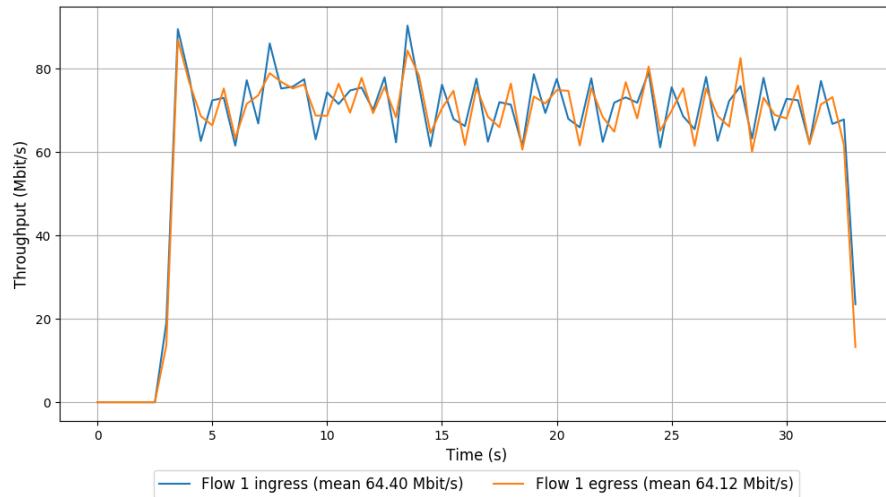


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:52:53 +0000
End at: Fri, 16 Jun 2017 04:53:23 +0000
Local clock offset: -1.207 ms
Remote clock offset: -1.939 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:40:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 48.201 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 48.201 ms
Loss rate: 0.70%
```

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

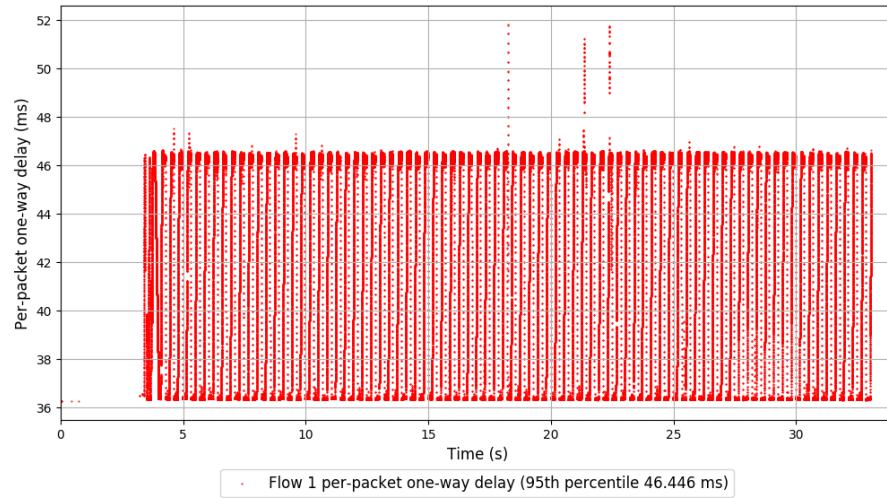
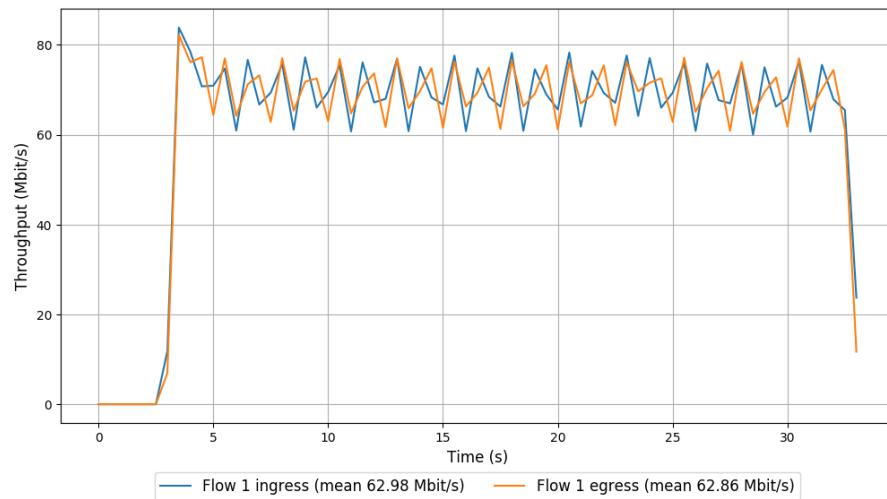


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 05:13:07 +0000
End at: Fri, 16 Jun 2017 05:13:37 +0000
Local clock offset: -0.408 ms
Remote clock offset: -2.893 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 46.446 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 46.446 ms
Loss rate: 0.46%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 05:32:46 +0000

End at: Fri, 16 Jun 2017 05:33:16 +0000

Local clock offset: 0.255 ms

Remote clock offset: -2.423 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:41:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.64 Mbit/s

95th percentile per-packet one-way delay: 45.858 ms

Loss rate: 0.59%

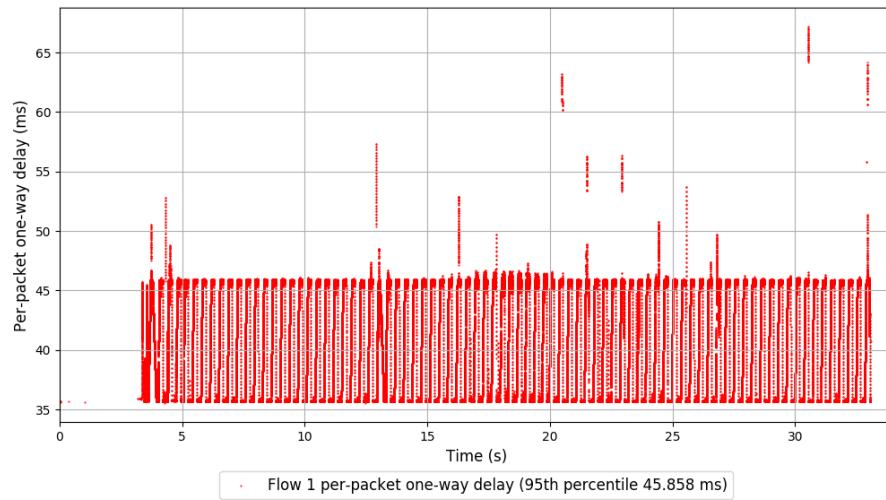
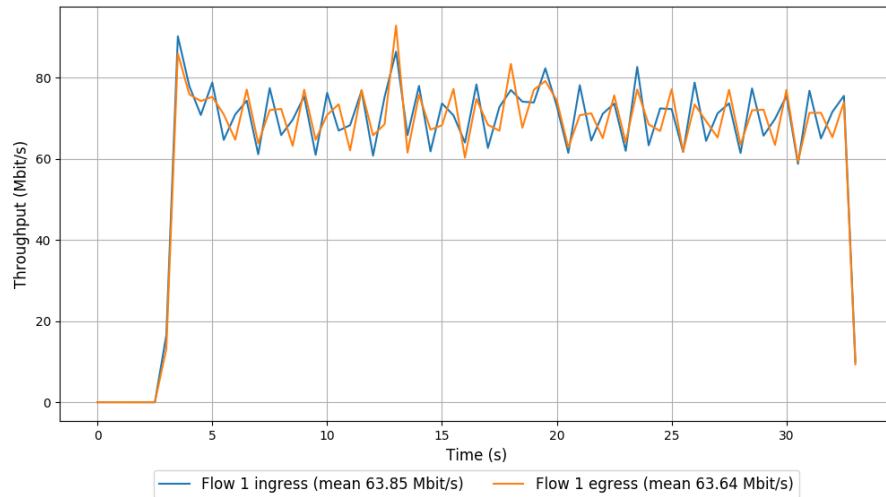
-- Flow 1:

Average throughput: 63.64 Mbit/s

95th percentile per-packet one-way delay: 45.858 ms

Loss rate: 0.59%

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

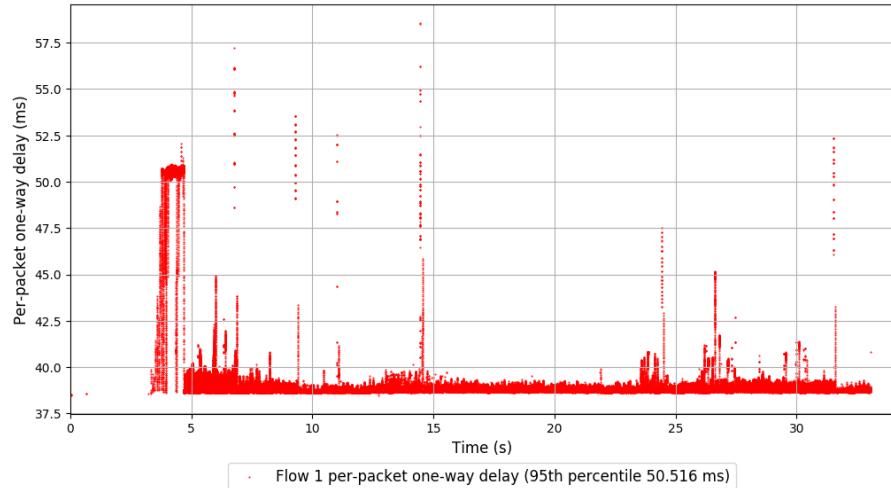
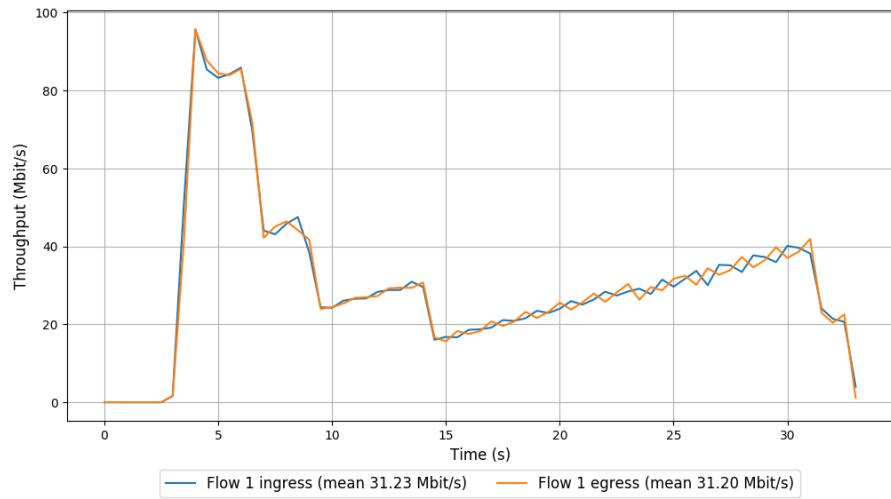


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:37:50 +0000
End at: Fri, 16 Jun 2017 02:38:20 +0000
Local clock offset: -1.527 ms
Remote clock offset: -2.325 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 50.516 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 50.516 ms
Loss rate: 0.37%
```

Run 1: Report of TCP Vegas — Data Link

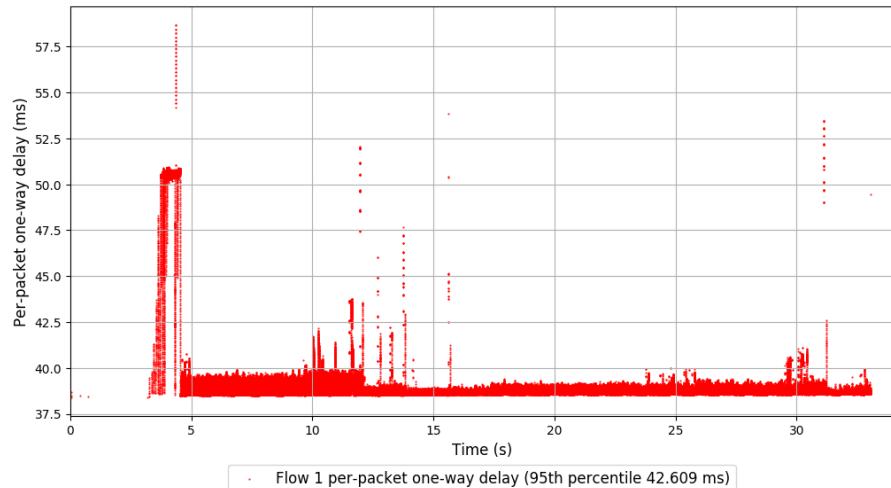
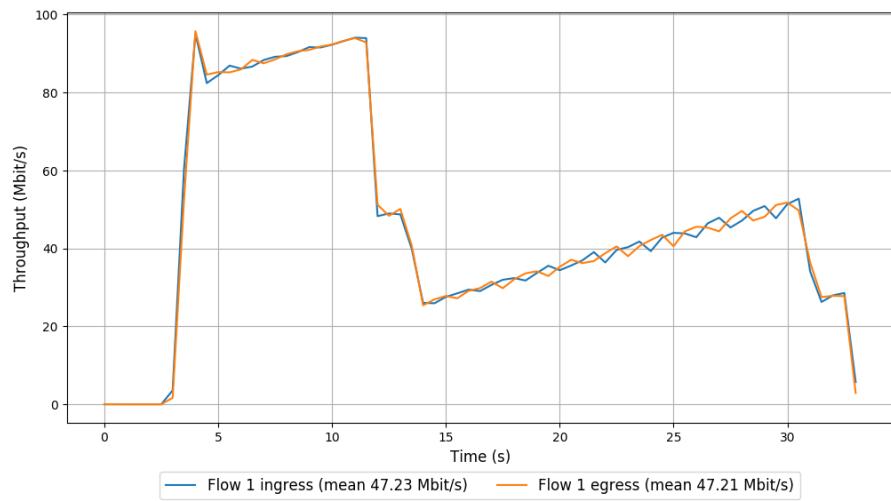


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:57:32 +0000
End at: Fri, 16 Jun 2017 02:58:02 +0000
Local clock offset: -2.436 ms
Remote clock offset: -2.736 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 42.609 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 42.609 ms
Loss rate: 0.27%
```

Run 2: Report of TCP Vegas — Data Link

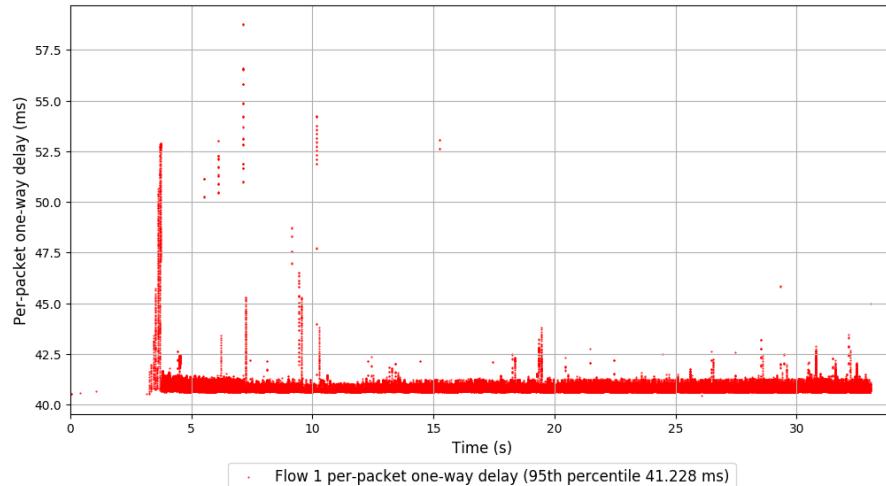
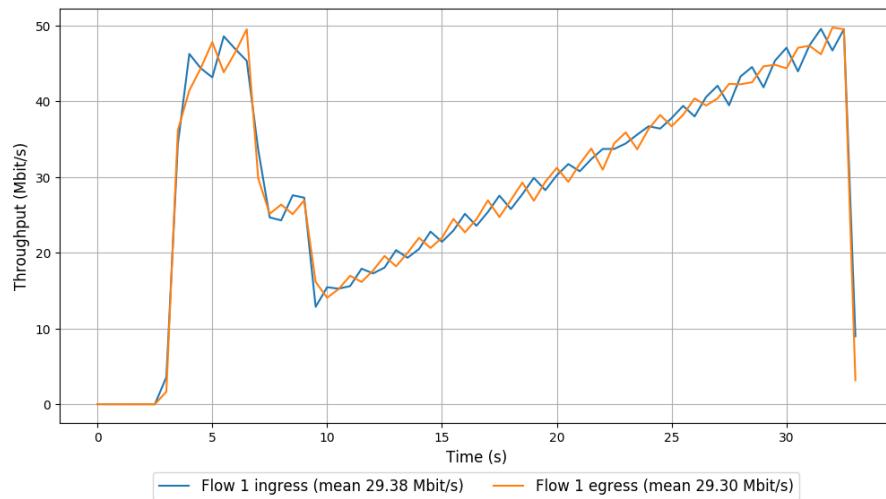


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:17:15 +0000
End at: Fri, 16 Jun 2017 03:17:45 +0000
Local clock offset: -3.691 ms
Remote clock offset: -2.371 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 41.228 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 41.228 ms
Loss rate: 0.54%
```

Run 3: Report of TCP Vegas — Data Link

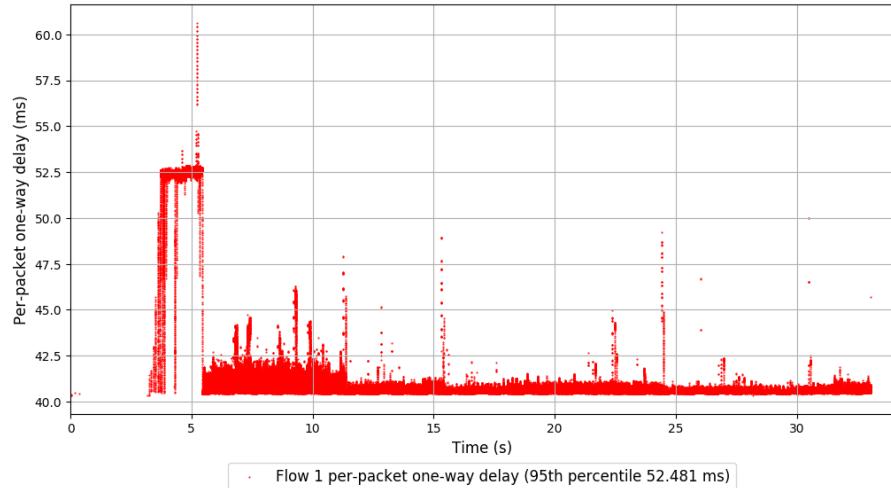
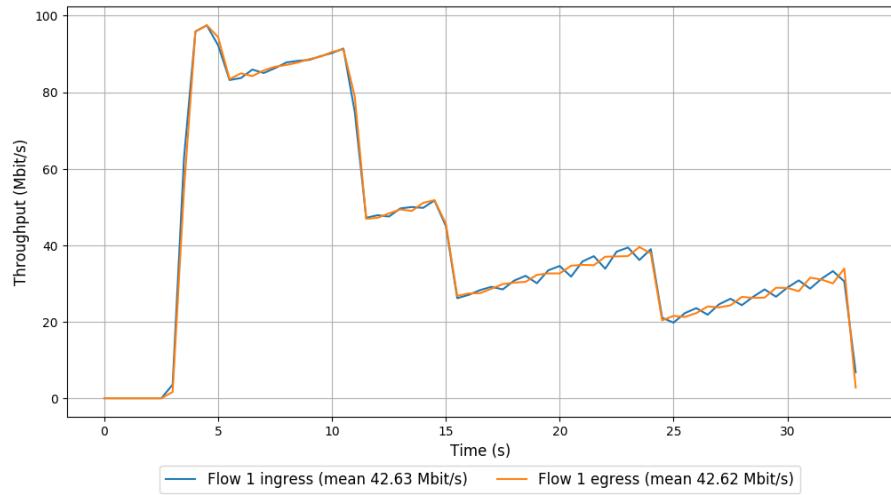


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:36:57 +0000
End at: Fri, 16 Jun 2017 03:37:27 +0000
Local clock offset: -3.489 ms
Remote clock offset: -2.344 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.62 Mbit/s
95th percentile per-packet one-way delay: 52.481 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 42.62 Mbit/s
95th percentile per-packet one-way delay: 52.481 ms
Loss rate: 0.26%
```

Run 4: Report of TCP Vegas — Data Link

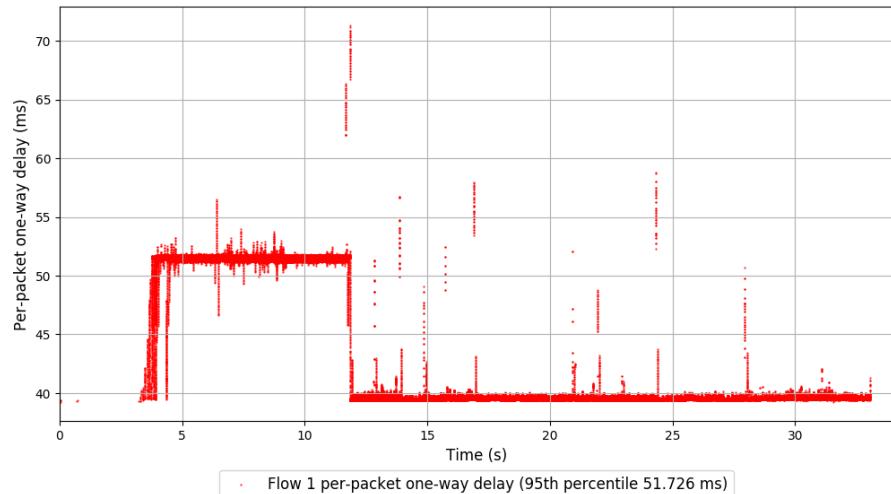
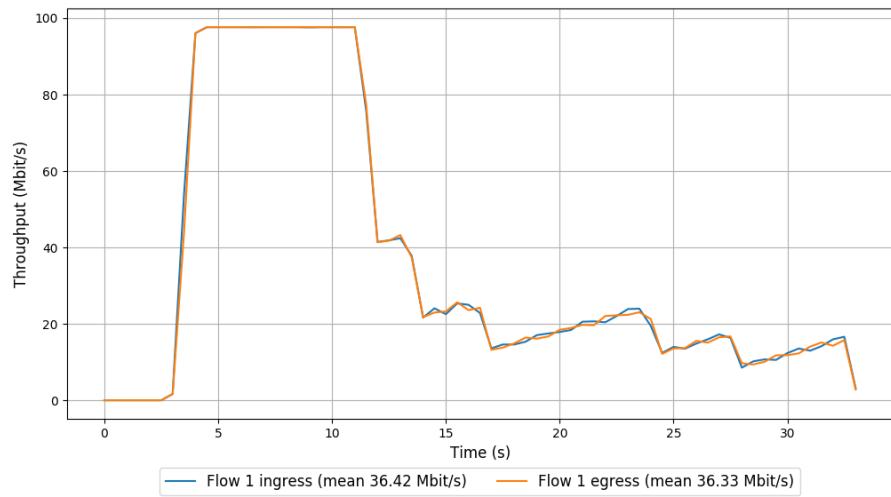


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:56:35 +0000
End at: Fri, 16 Jun 2017 03:57:05 +0000
Local clock offset: -3.356 ms
Remote clock offset: -2.299 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 51.726 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 51.726 ms
Loss rate: 0.49%
```

Run 5: Report of TCP Vegas — Data Link

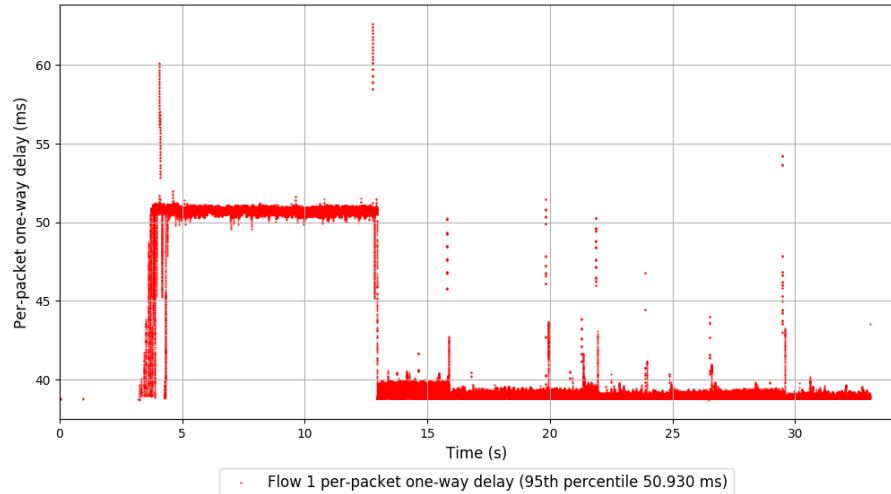
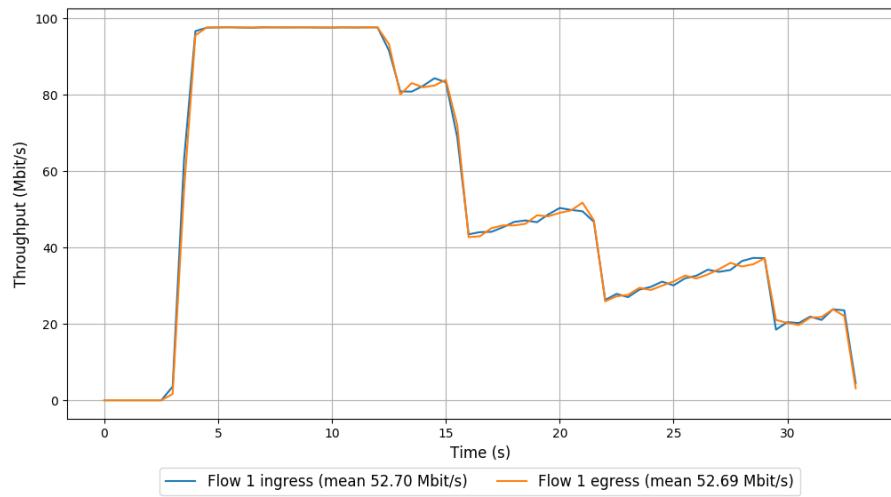


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:16:12 +0000
End at: Fri, 16 Jun 2017 04:16:42 +0000
Local clock offset: -2.89 ms
Remote clock offset: -4.846 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 50.930 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 50.930 ms
Loss rate: 0.25%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 04:35:54 +0000

End at: Fri, 16 Jun 2017 04:36:24 +0000

Local clock offset: -1.878 ms

Remote clock offset: -1.992 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:41:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.41 Mbit/s

95th percentile per-packet one-way delay: 50.018 ms

Loss rate: 0.26%

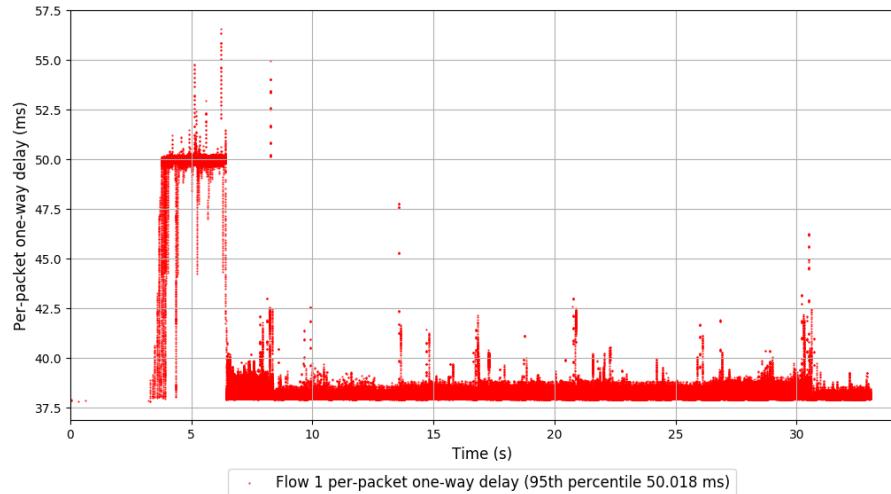
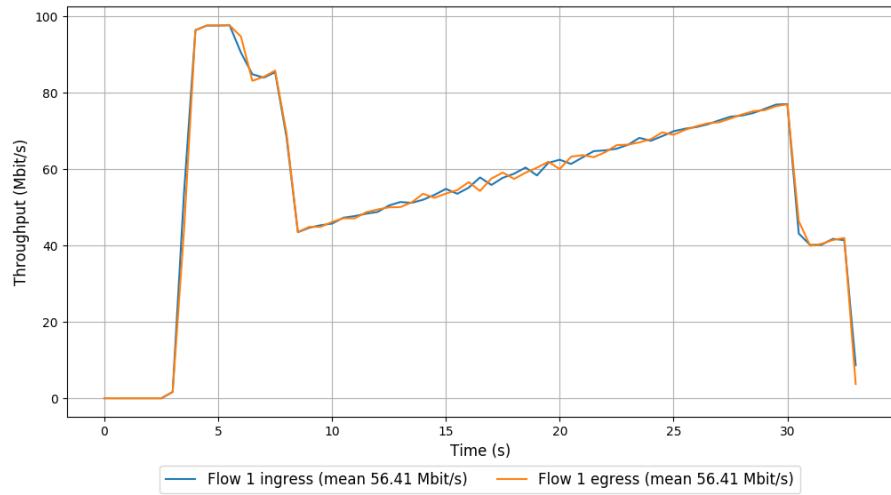
-- Flow 1:

Average throughput: 56.41 Mbit/s

95th percentile per-packet one-way delay: 50.018 ms

Loss rate: 0.26%

Run 7: Report of TCP Vegas — Data Link

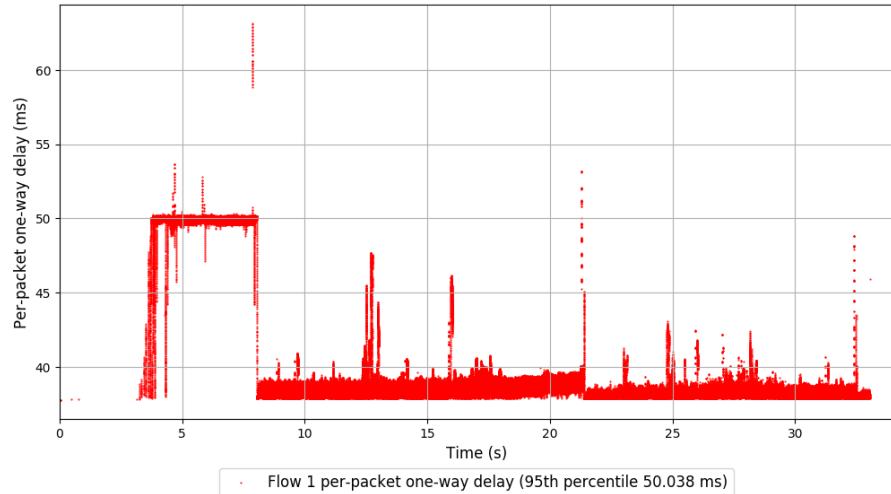
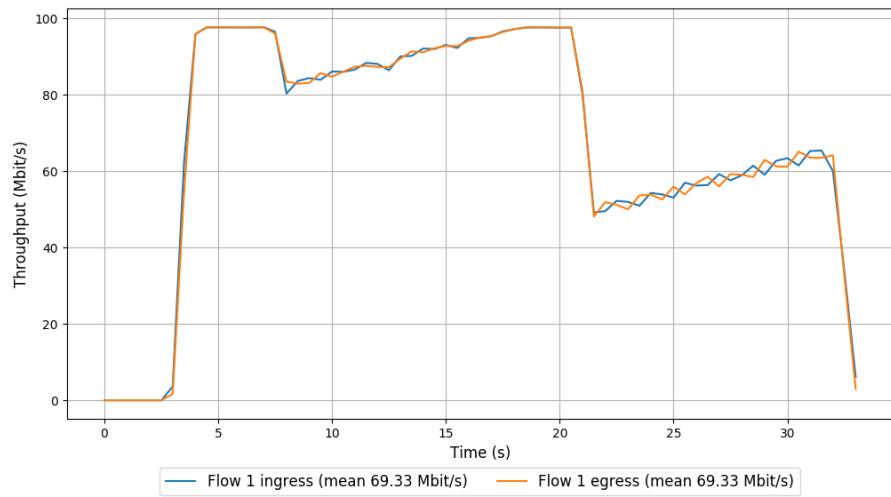


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:55:37 +0000
End at: Fri, 16 Jun 2017 04:56:07 +0000
Local clock offset: -1.109 ms
Remote clock offset: -2.393 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.33 Mbit/s
95th percentile per-packet one-way delay: 50.038 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 69.33 Mbit/s
95th percentile per-packet one-way delay: 50.038 ms
Loss rate: 0.24%
```

Run 8: Report of TCP Vegas — Data Link

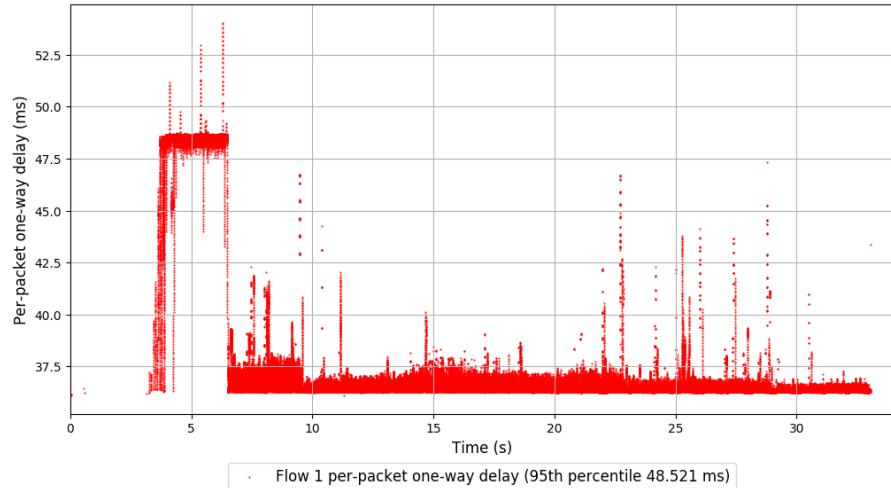
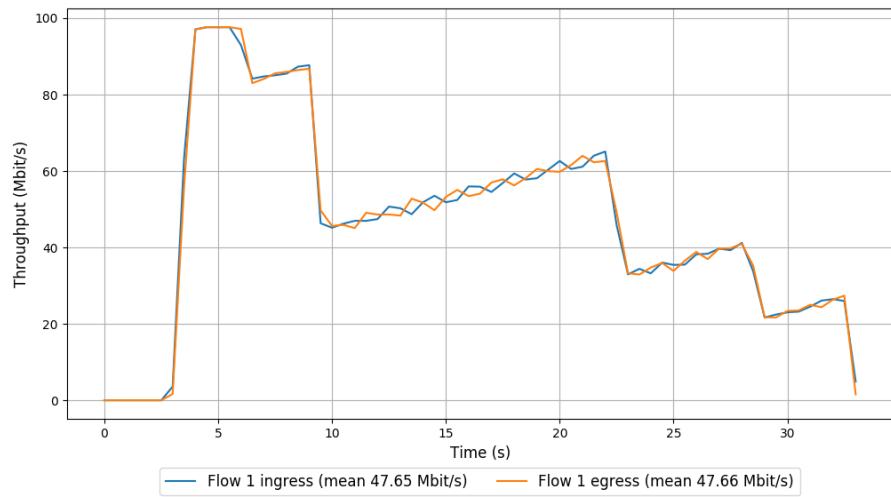


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 05:15:50 +0000
End at: Fri, 16 Jun 2017 05:16:20 +0000
Local clock offset: -0.422 ms
Remote clock offset: -1.964 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 48.521 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 48.521 ms
Loss rate: 0.22%
```

Run 9: Report of TCP Vegas — Data Link

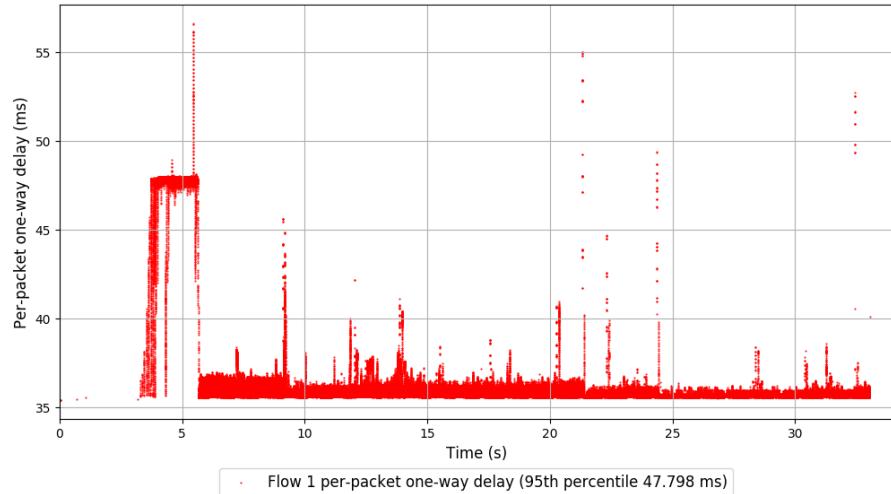
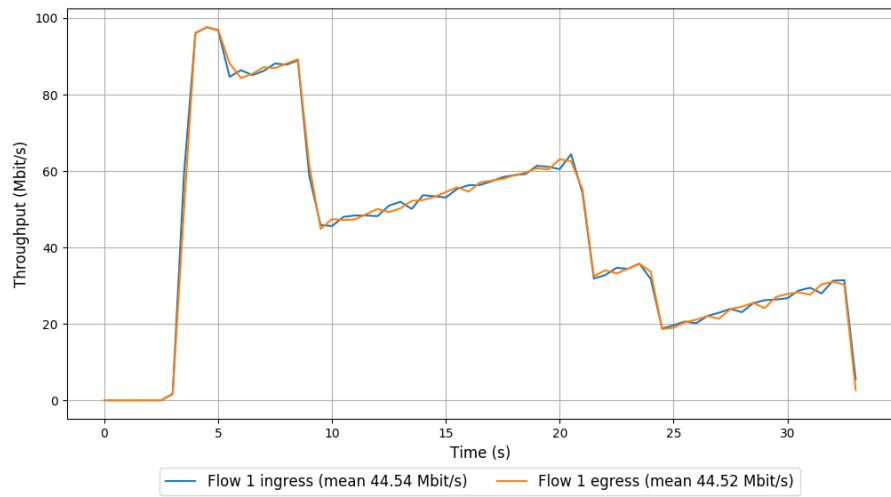


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 05:35:28 +0000
End at: Fri, 16 Jun 2017 05:35:58 +0000
Local clock offset: 0.268 ms
Remote clock offset: -4.908 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 47.798 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 47.798 ms
Loss rate: 0.24%
```

Run 10: Report of TCP Vegas — Data Link

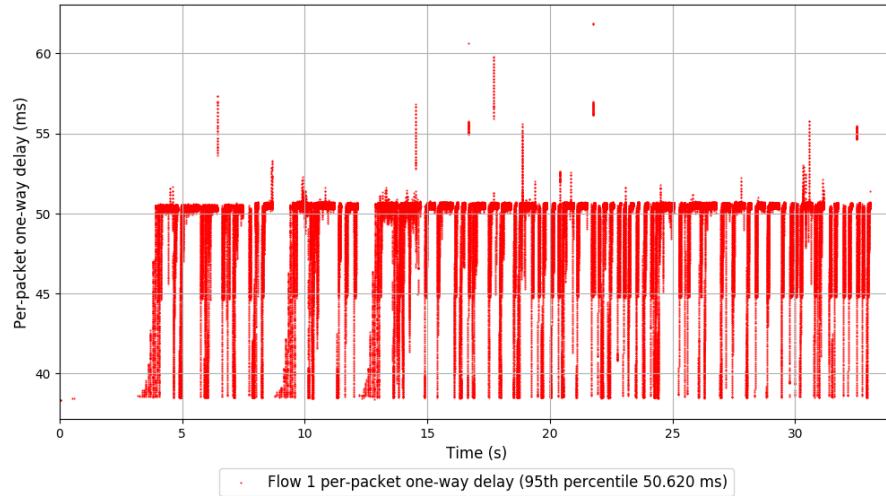
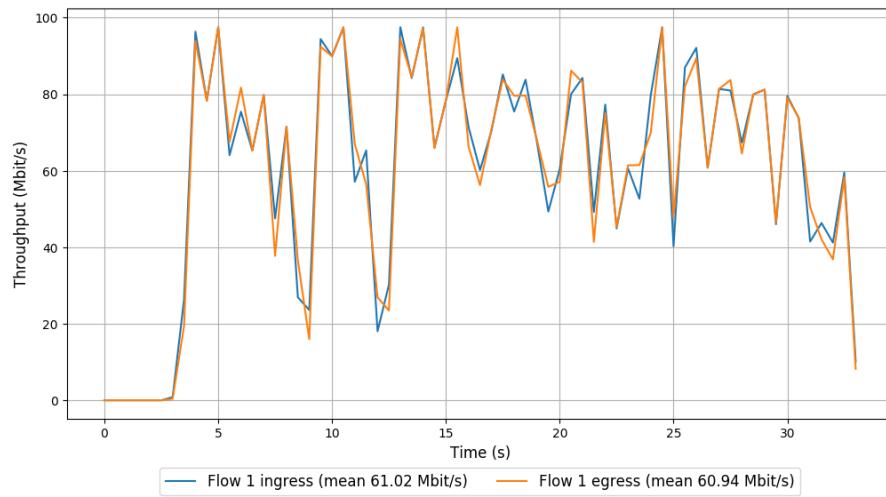


Run 1: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:31:14 +0000
End at: Fri, 16 Jun 2017 02:31:44 +0000
Local clock offset: -1.462 ms
Remote clock offset: -1.817 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 50.620 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 50.620 ms
Loss rate: 0.40%
```

Run 1: Report of Verus — Data Link

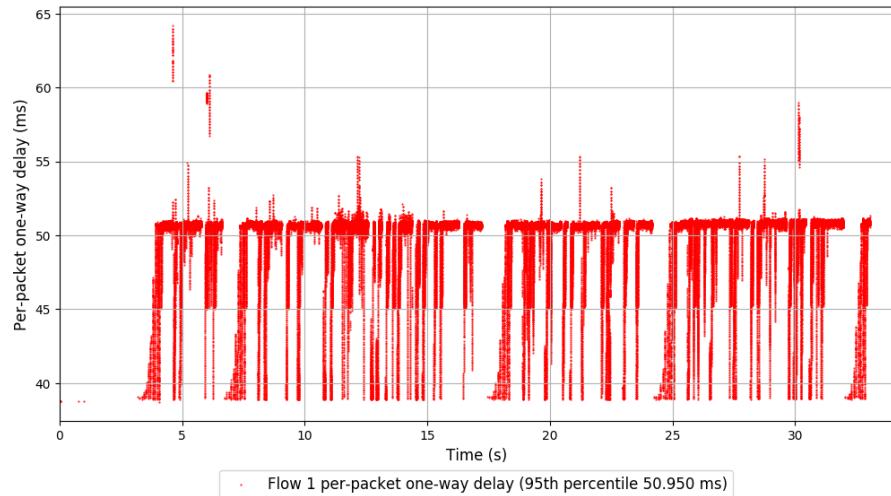
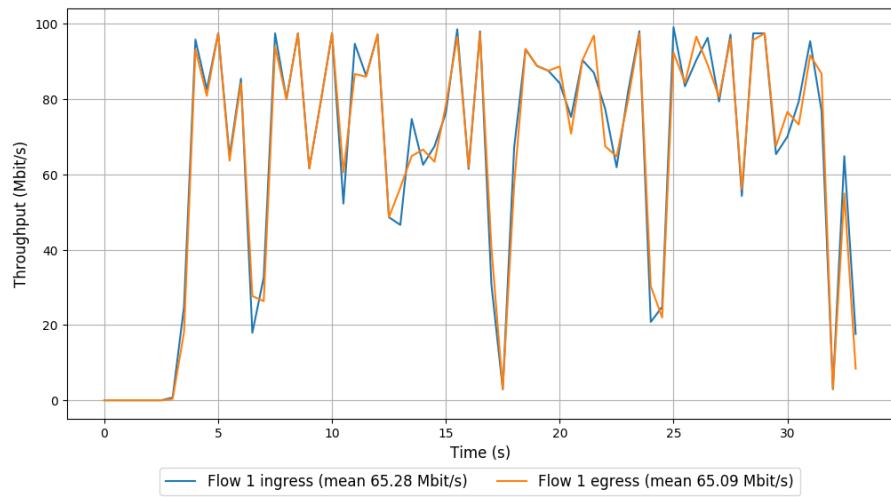


Run 2: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:50:52 +0000
End at: Fri, 16 Jun 2017 02:51:22 +0000
Local clock offset: -1.961 ms
Remote clock offset: -2.34 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:41:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.09 Mbit/s
95th percentile per-packet one-way delay: 50.950 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 65.09 Mbit/s
95th percentile per-packet one-way delay: 50.950 ms
Loss rate: 0.57%
```

Run 2: Report of Verus — Data Link

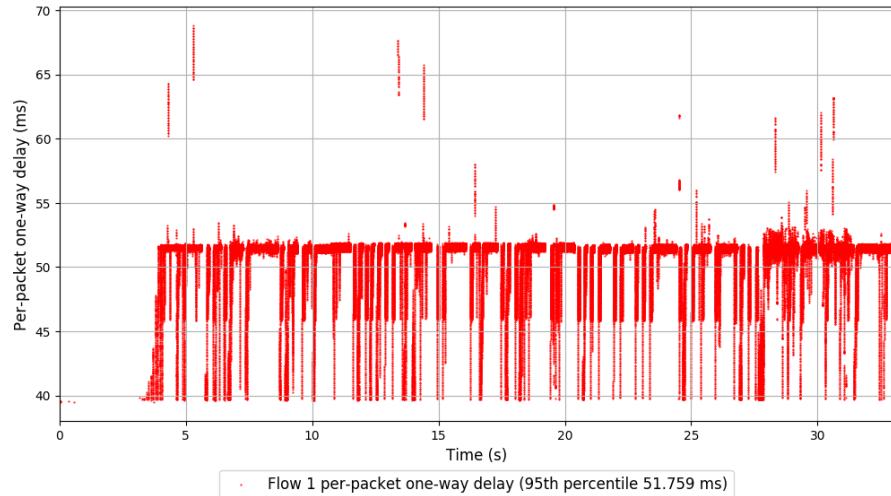
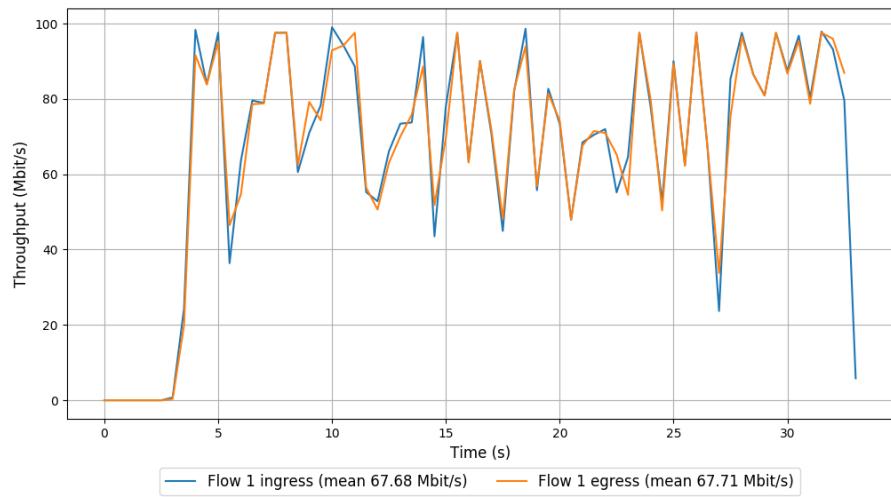


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:10:35 +0000
End at: Fri, 16 Jun 2017 03:11:05 +0000
Local clock offset: -3.671 ms
Remote clock offset: -4.485 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 51.759 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 51.759 ms
Loss rate: 0.46%
```

Run 3: Report of Verus — Data Link

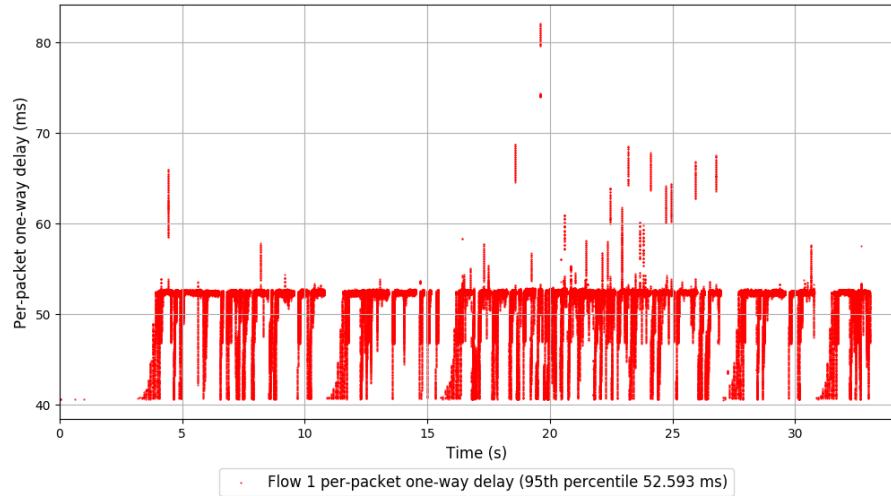
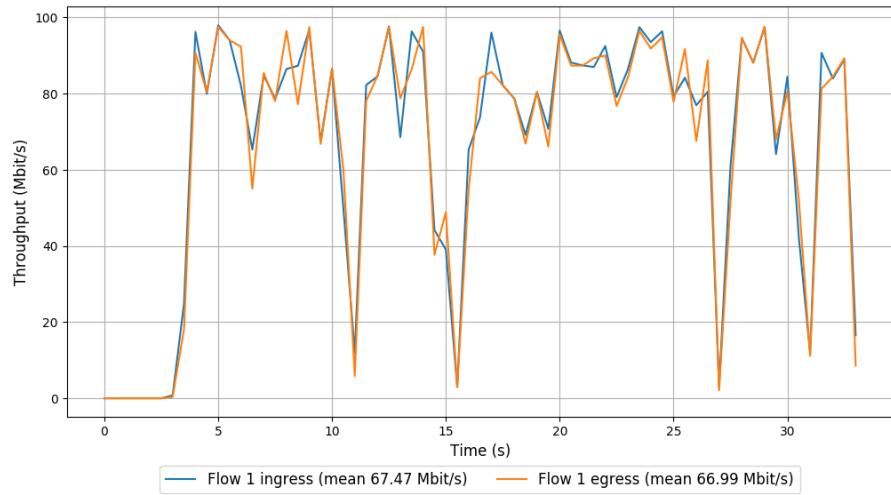


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:30:20 +0000
End at: Fri, 16 Jun 2017 03:30:50 +0000
Local clock offset: -3.69 ms
Remote clock offset: -2.227 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 52.593 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 52.593 ms
Loss rate: 0.97%
```

Run 4: Report of Verus — Data Link

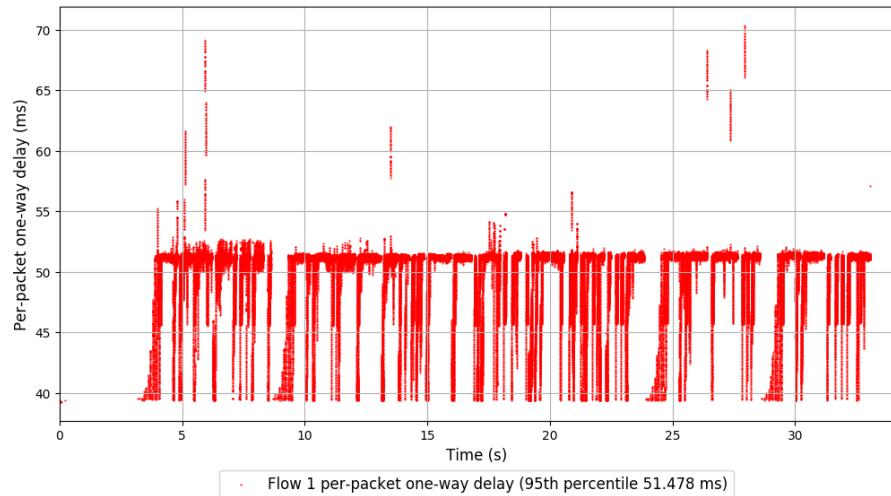
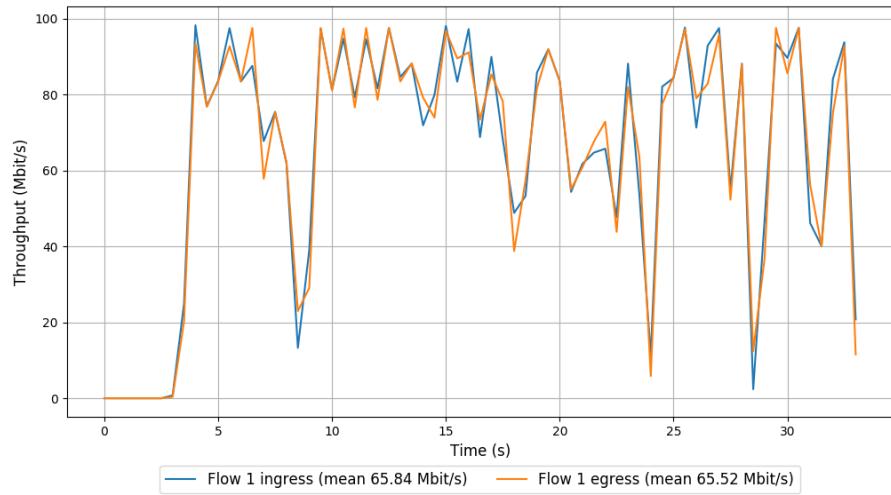


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:49:59 +0000
End at: Fri, 16 Jun 2017 03:50:29 +0000
Local clock offset: -3.373 ms
Remote clock offset: -2.365 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.52 Mbit/s
95th percentile per-packet one-way delay: 51.478 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 65.52 Mbit/s
95th percentile per-packet one-way delay: 51.478 ms
Loss rate: 0.74%
```

Run 5: Report of Verus — Data Link

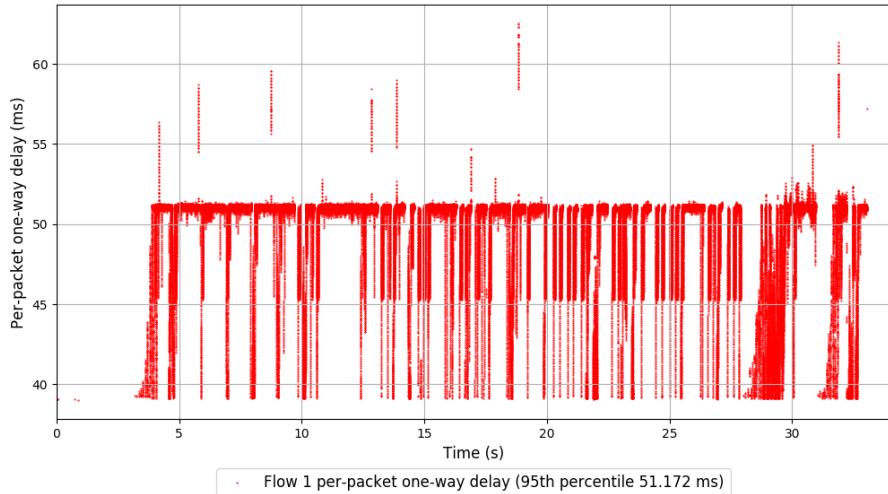
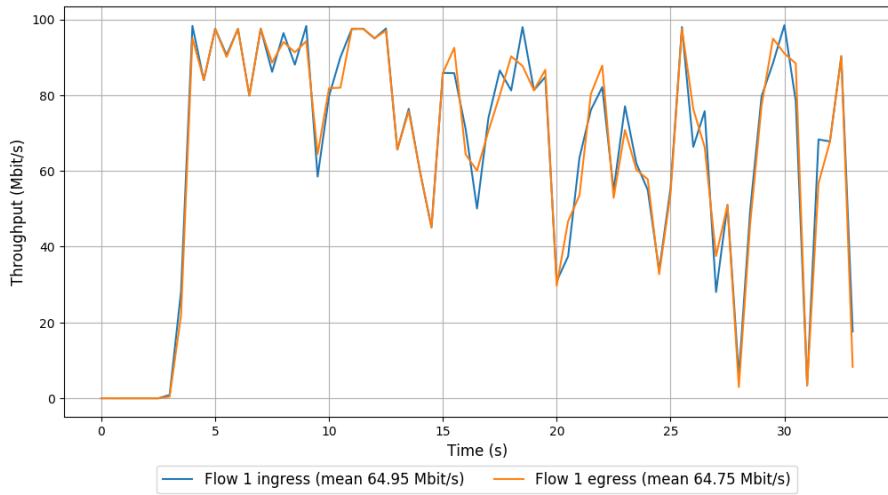


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:09:34 +0000
End at: Fri, 16 Jun 2017 04:10:04 +0000
Local clock offset: -3.099 ms
Remote clock offset: -4.833 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 51.172 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 51.172 ms
Loss rate: 0.57%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 16 Jun 2017 04:29:15 +0000

End at: Fri, 16 Jun 2017 04:29:45 +0000

Local clock offset: -2.286 ms

Remote clock offset: -4.826 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:42:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.19 Mbit/s

95th percentile per-packet one-way delay: 51.299 ms

Loss rate: 0.59%

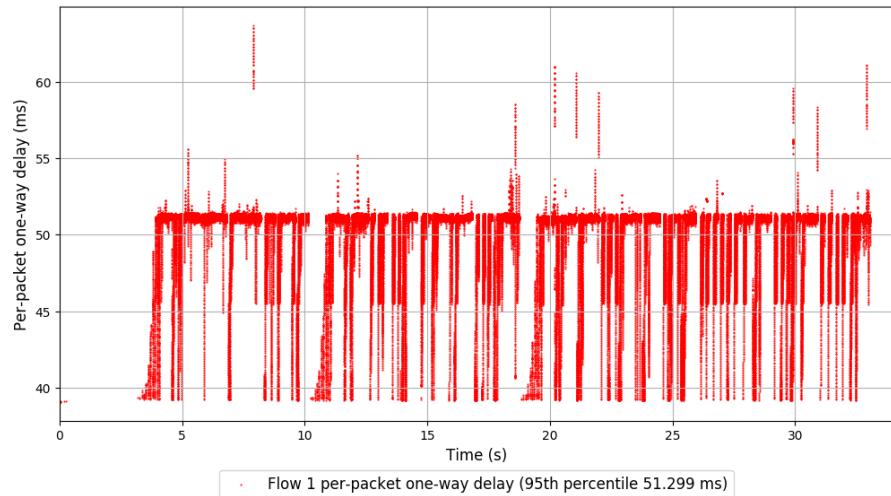
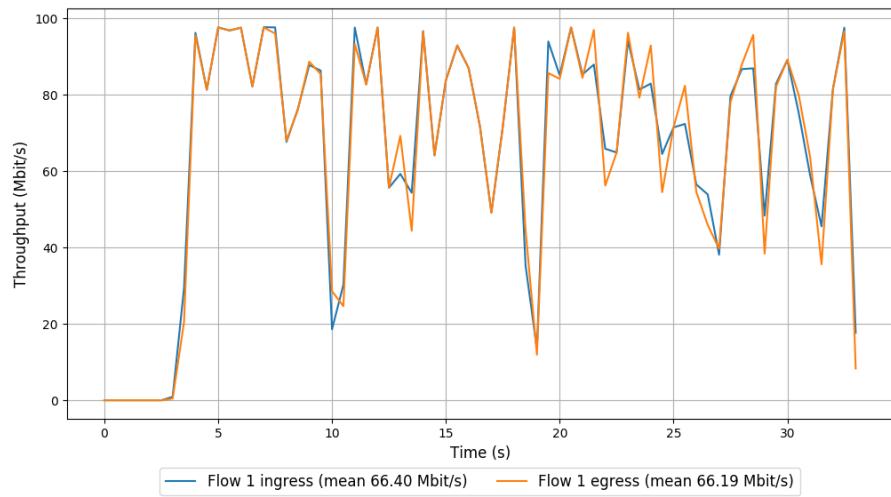
-- Flow 1:

Average throughput: 66.19 Mbit/s

95th percentile per-packet one-way delay: 51.299 ms

Loss rate: 0.59%

Run 7: Report of Verus — Data Link

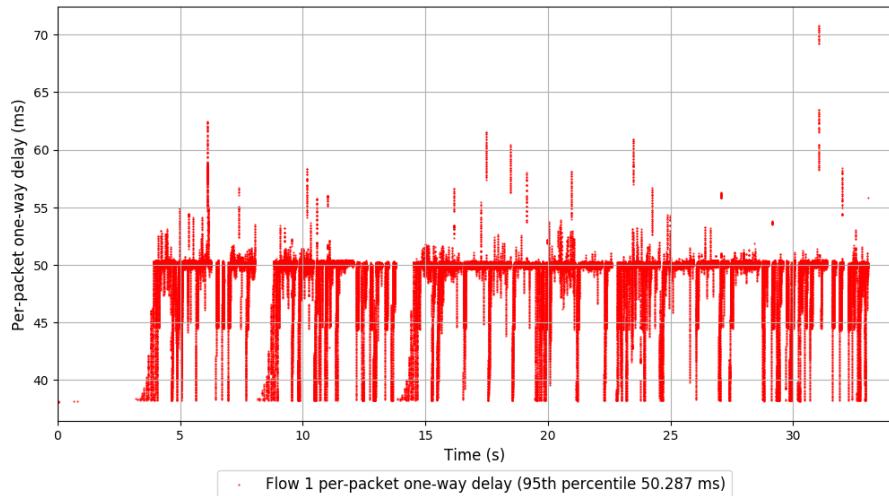
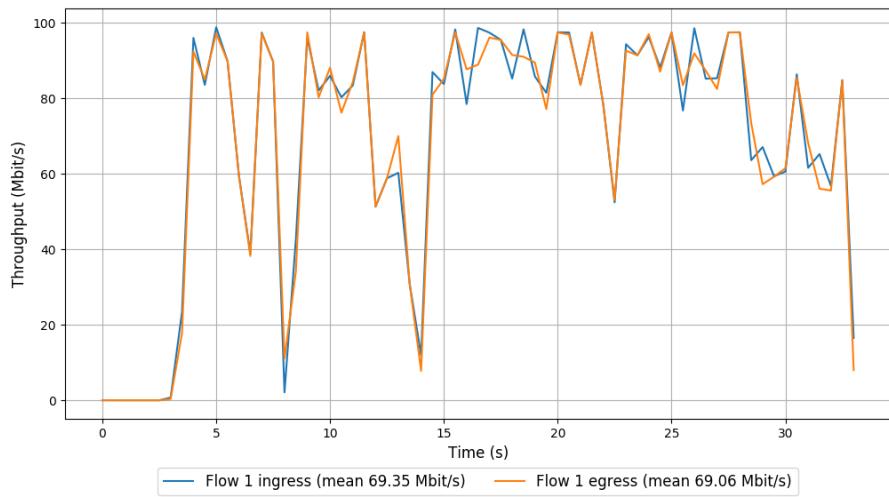


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:48:57 +0000
End at: Fri, 16 Jun 2017 04:49:27 +0000
Local clock offset: -1.251 ms
Remote clock offset: -2.376 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 50.287 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 50.287 ms
Loss rate: 0.66%
```

Run 8: Report of Verus — Data Link

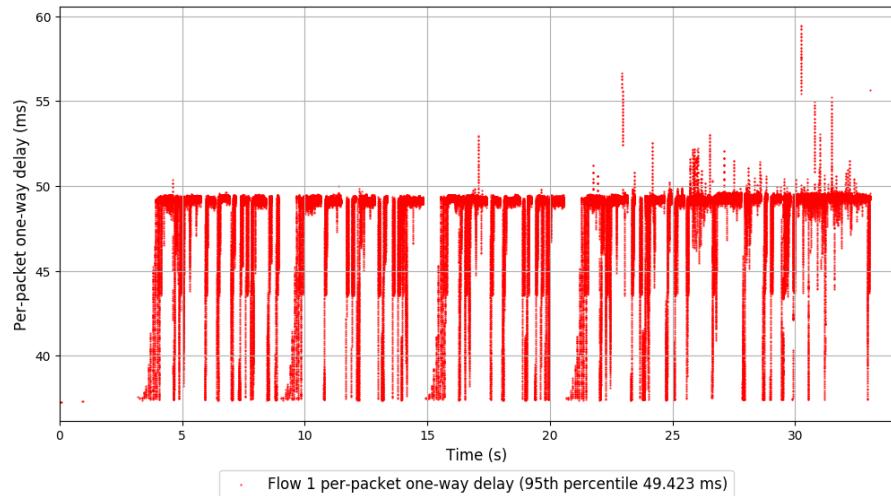
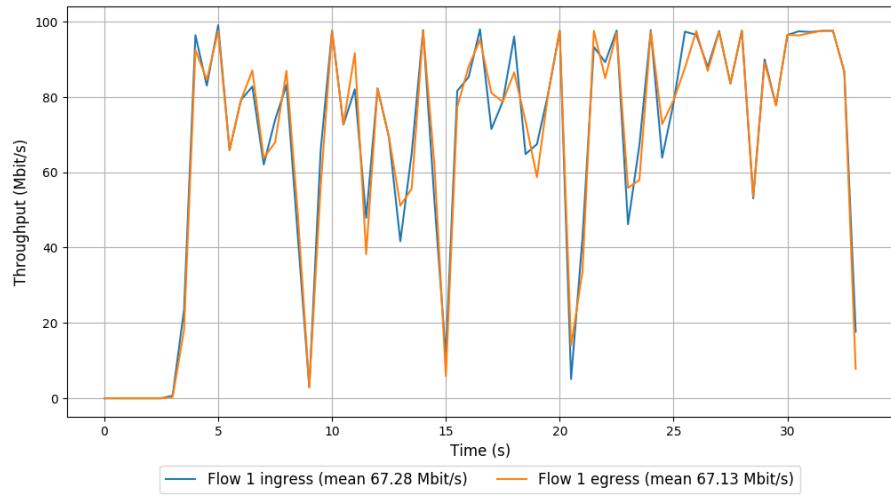


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 05:09:11 +0000
End at: Fri, 16 Jun 2017 05:09:41 +0000
Local clock offset: -0.543 ms
Remote clock offset: -4.567 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 49.423 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 49.423 ms
Loss rate: 0.49%
```

Run 9: Report of Verus — Data Link

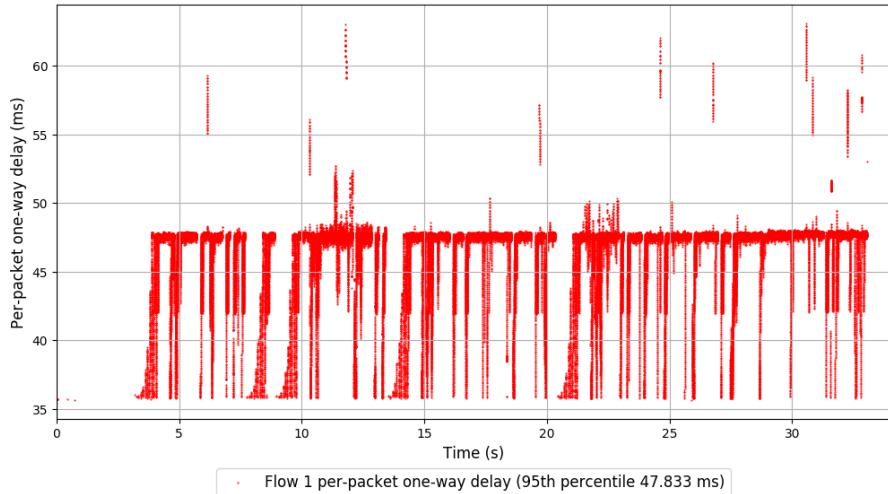
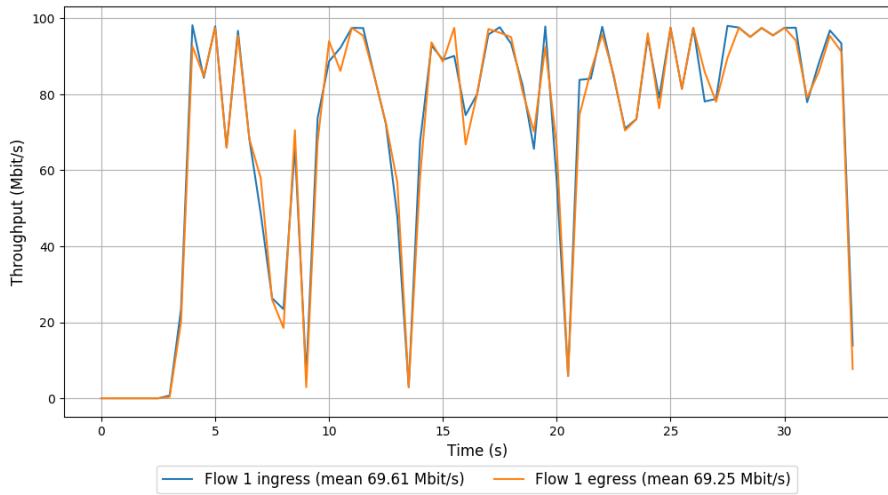


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 05:28:53 +0000
End at: Fri, 16 Jun 2017 05:29:23 +0000
Local clock offset: 0.138 ms
Remote clock offset: -2.442 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 47.833 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 47.833 ms
Loss rate: 0.71%
```

Run 10: Report of Verus — Data Link

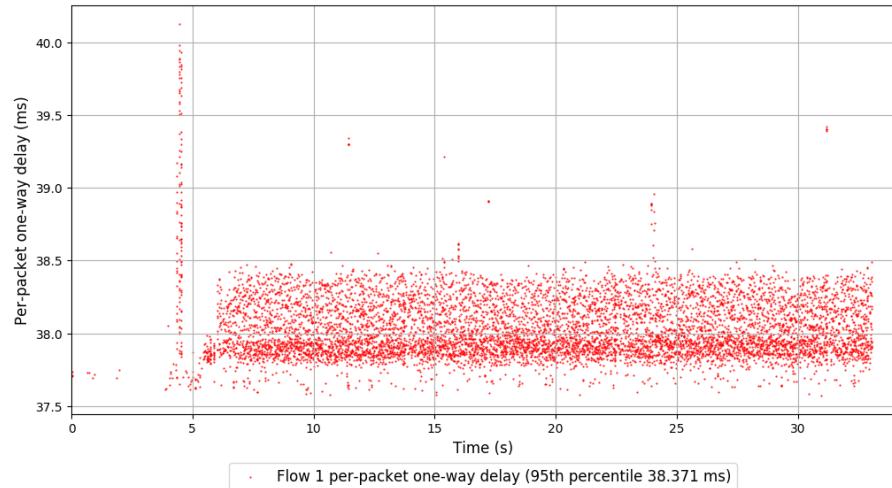
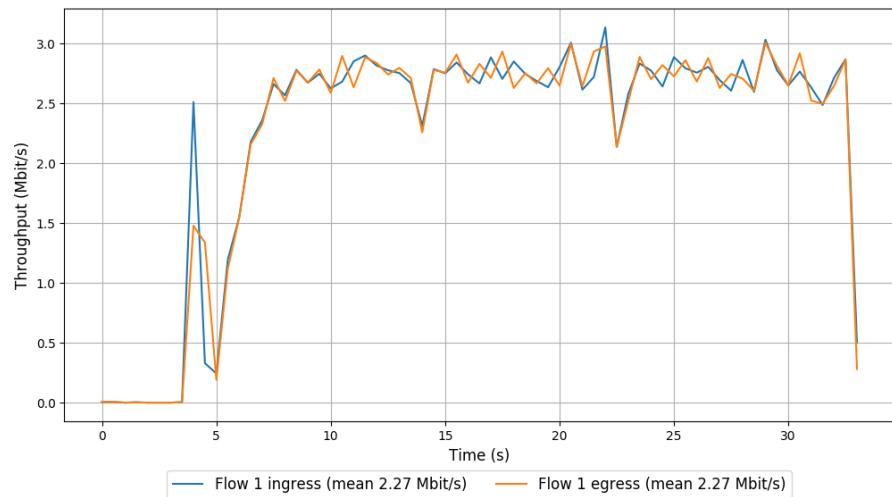


```
Run 1: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:44:18 +0000
End at: Fri, 16 Jun 2017 02:44:48 +0000
Local clock offset: -1.732 ms
Remote clock offset: -2.684 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 38.371 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 38.371 ms
Loss rate: 0.30%
```

Run 1: Report of WebRTC media — Data Link

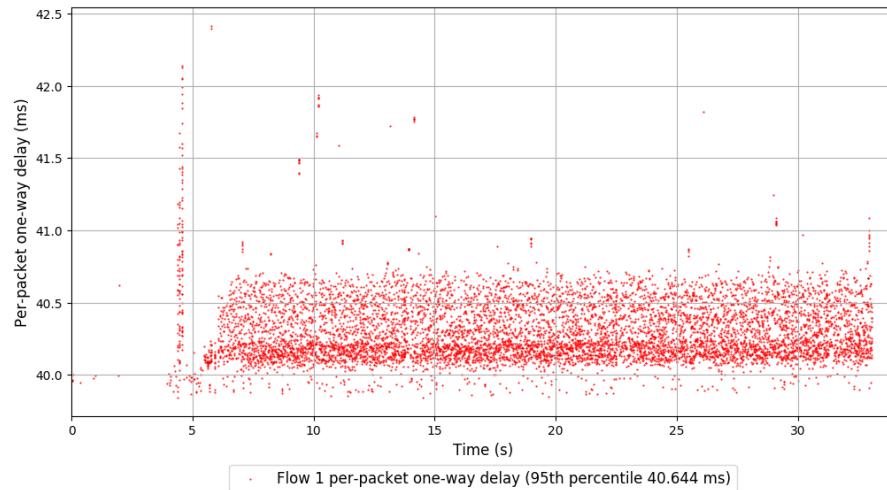
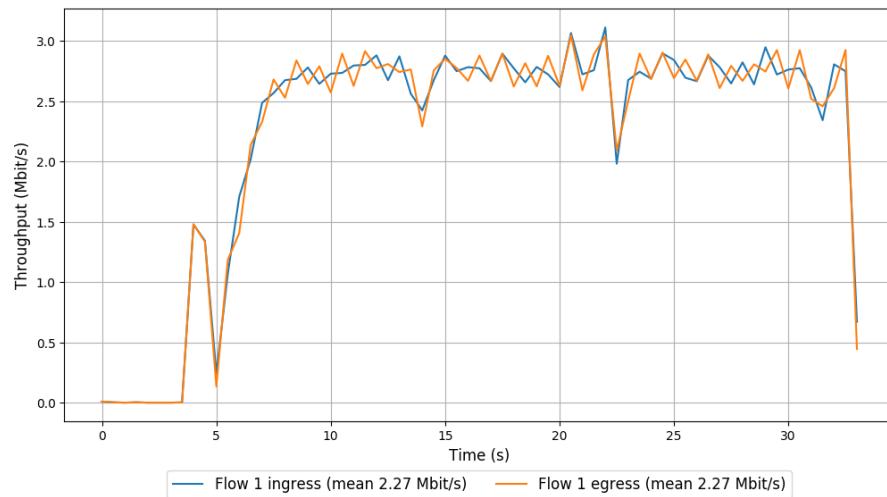


Run 2: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:04:02 +0000
End at: Fri, 16 Jun 2017 03:04:32 +0000
Local clock offset: -3.021 ms
Remote clock offset: -4.38 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.644 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.644 ms
Loss rate: 0.30%
```

Run 2: Report of WebRTC media — Data Link

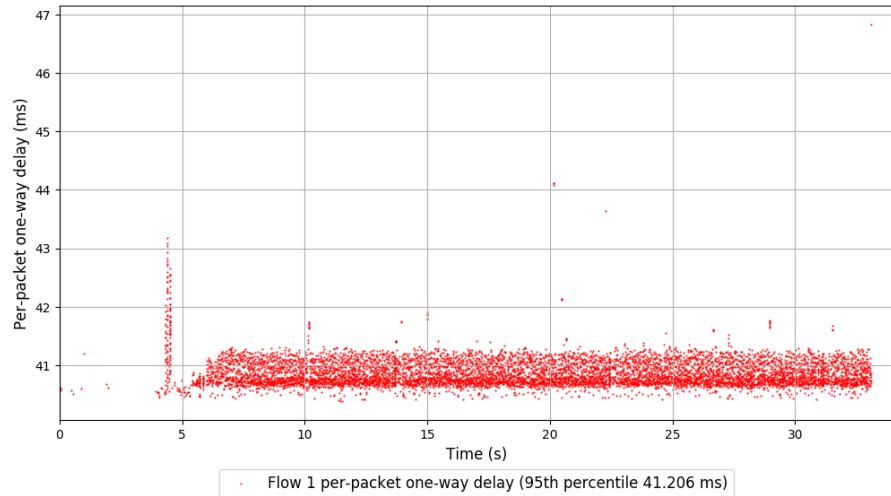
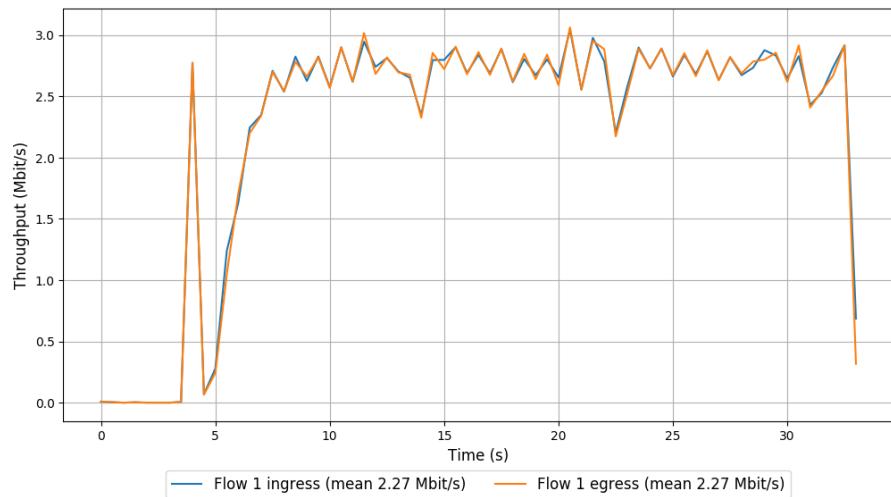


Run 3: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:23:44 +0000
End at: Fri, 16 Jun 2017 03:24:14 +0000
Local clock offset: -3.64 ms
Remote clock offset: -2.367 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 41.206 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 41.206 ms
Loss rate: 0.39%
```

Run 3: Report of WebRTC media — Data Link

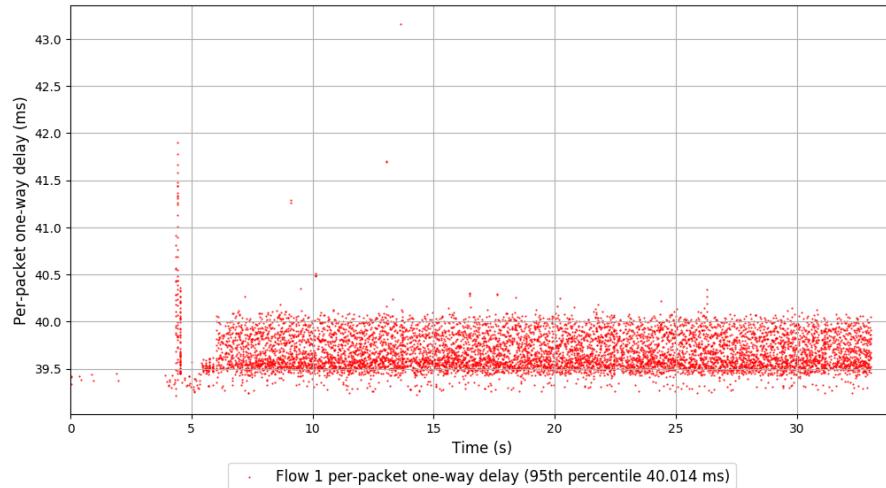
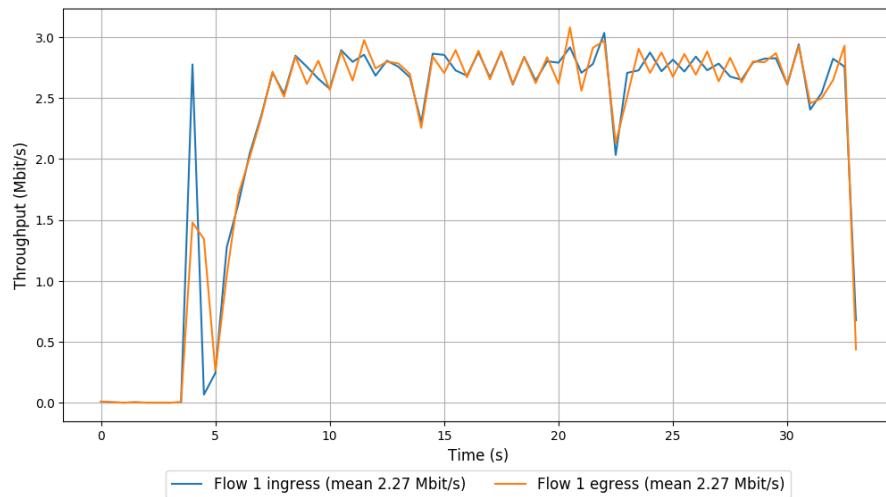


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:43:26 +0000
End at: Fri, 16 Jun 2017 03:43:56 +0000
Local clock offset: -3.503 ms
Remote clock offset: -2.372 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.014 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.014 ms
Loss rate: 0.30%
```

Run 4: Report of WebRTC media — Data Link

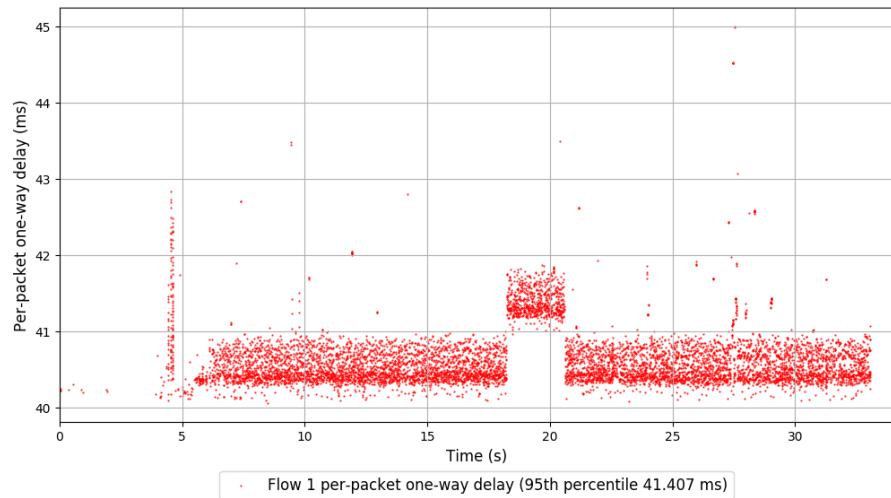
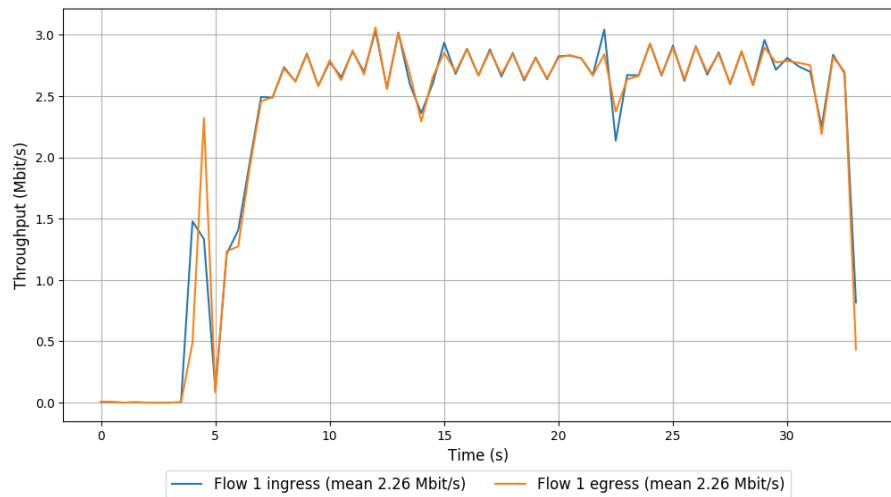


Run 5: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:03:02 +0000
End at: Fri, 16 Jun 2017 04:03:32 +0000
Local clock offset: -3.435 ms
Remote clock offset: -4.536 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 41.407 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 41.407 ms
Loss rate: 0.40%
```

Run 5: Report of WebRTC media — Data Link

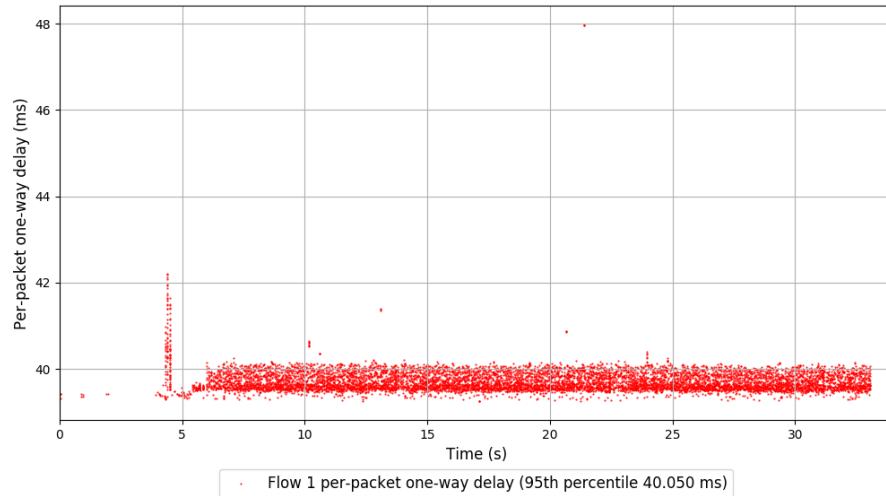
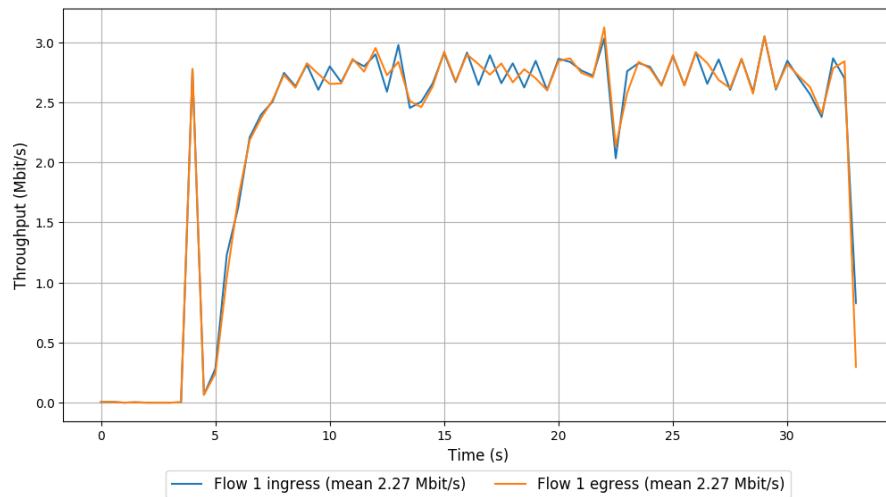


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:22:43 +0000
End at: Fri, 16 Jun 2017 04:23:13 +0000
Local clock offset: -2.49 ms
Remote clock offset: -4.521 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.050 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 40.050 ms
Loss rate: 0.40%
```

Run 6: Report of WebRTC media — Data Link

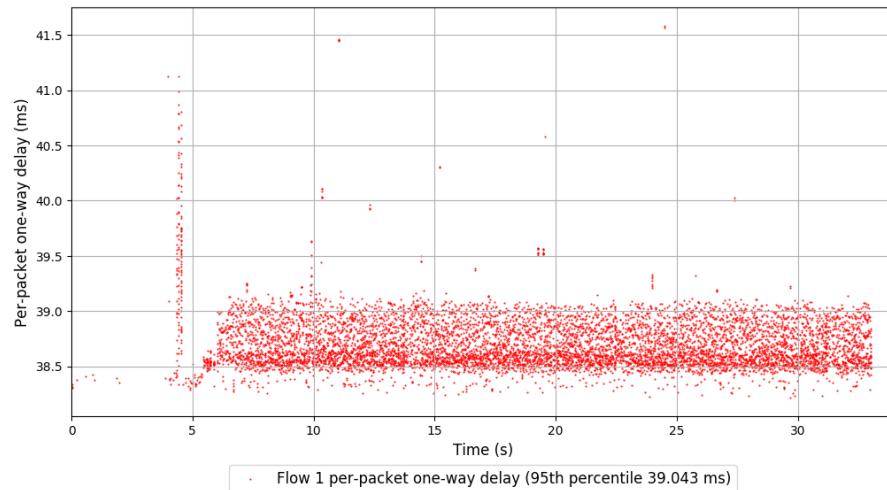
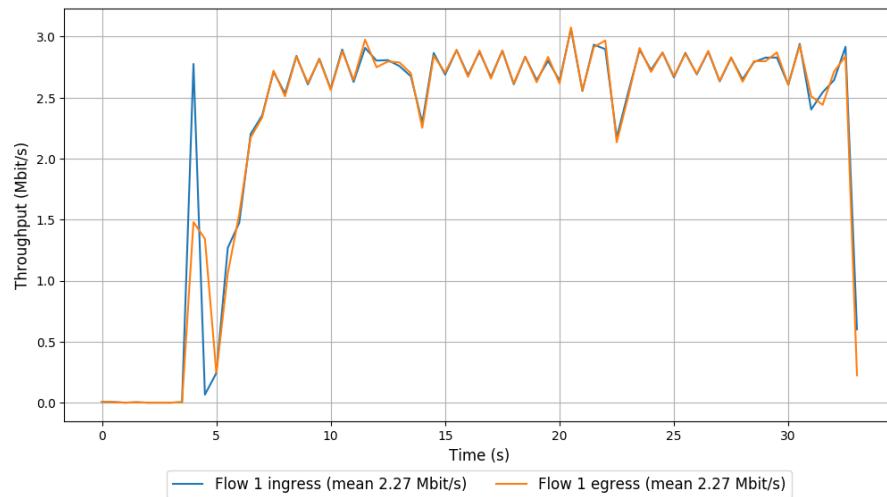


Run 7: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:42:23 +0000
End at: Fri, 16 Jun 2017 04:42:53 +0000
Local clock offset: -1.575 ms
Remote clock offset: -2.392 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 0.40%
```

Run 7: Report of WebRTC media — Data Link

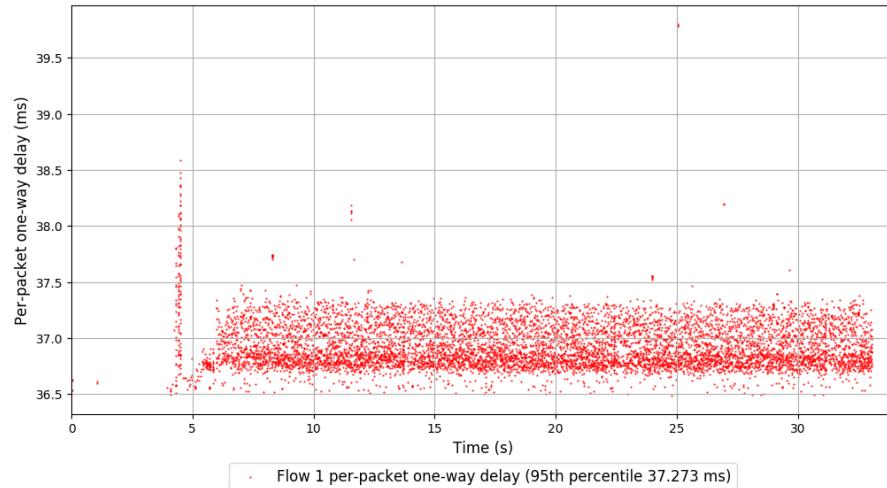
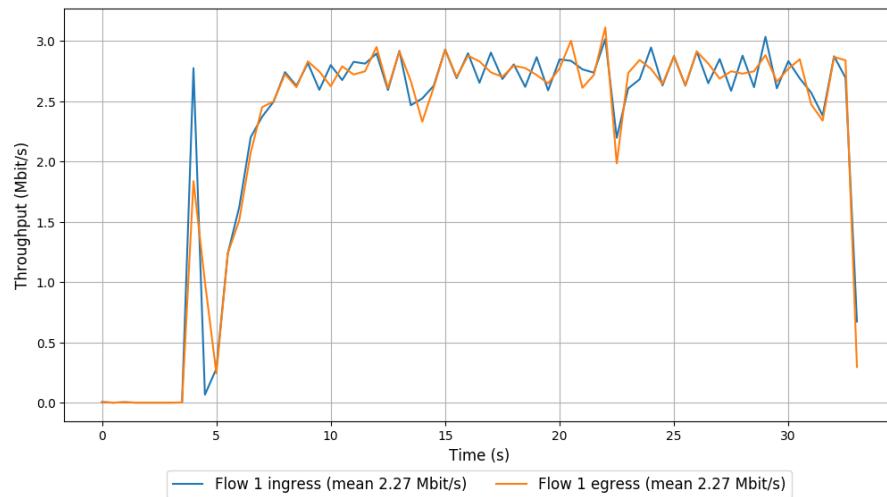


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 05:02:09 +0000
End at: Fri, 16 Jun 2017 05:02:39 +0000
Local clock offset: -0.839 ms
Remote clock offset: -2.426 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.273 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.273 ms
Loss rate: 0.30%
```

Run 8: Report of WebRTC media — Data Link

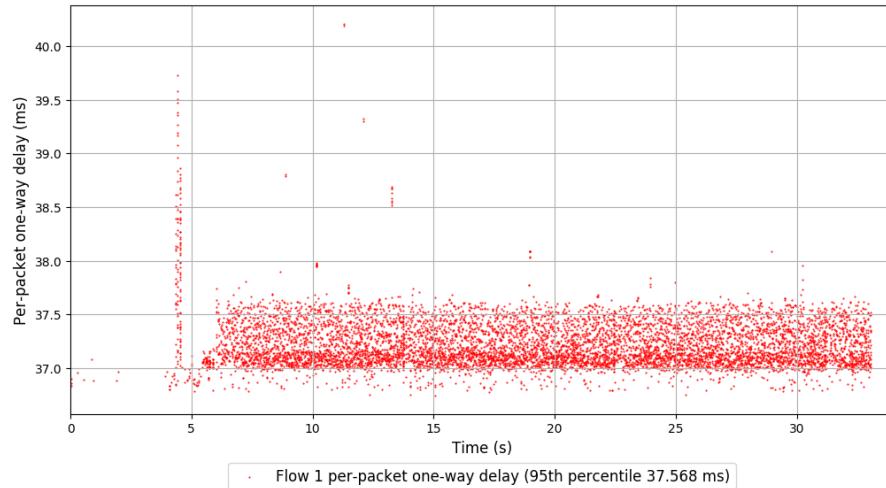
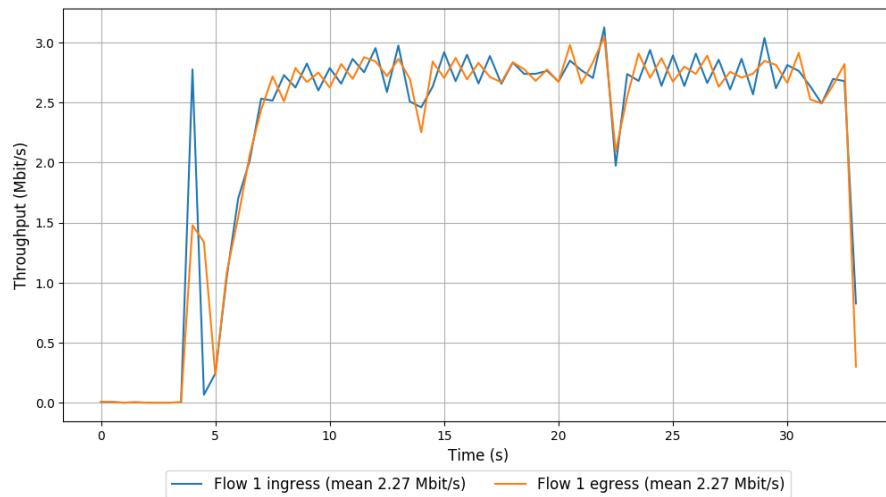


Run 9: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 05:22:18 +0000
End at: Fri, 16 Jun 2017 05:22:48 +0000
Local clock offset: -0.125 ms
Remote clock offset: -2.871 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.568 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 37.568 ms
Loss rate: 0.40%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: Fri, 16 Jun 2017 05:41:55 +0000
```

```
End at: Fri, 16 Jun 2017 05:42:25 +0000
```

```
Local clock offset: 0.545 ms
```

```
Remote clock offset: -4.845 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:42:44 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.906 ms
```

```
Loss rate: 0.30%
```

```
-- Flow 1:
```

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.906 ms
```

```
Loss rate: 0.30%
```

Run 10: Report of WebRTC media — Data Link

