

Pantheon Summary (Generated at Tue, 20 Jun 2017 04:15:50 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

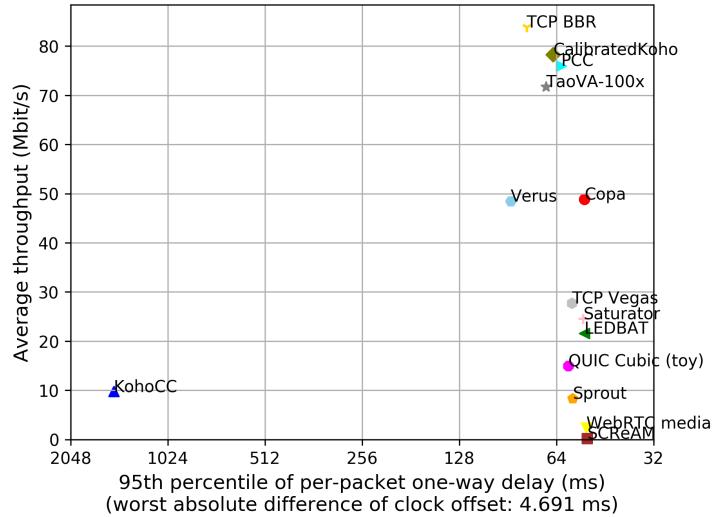
Each test lasted for 30 seconds running 1 flow.

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

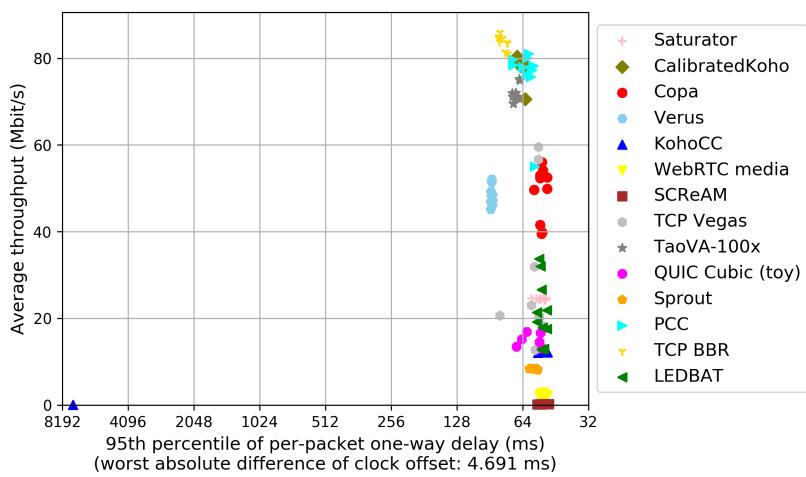
NTP offset measured against time.stanford.edu.

```
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
```

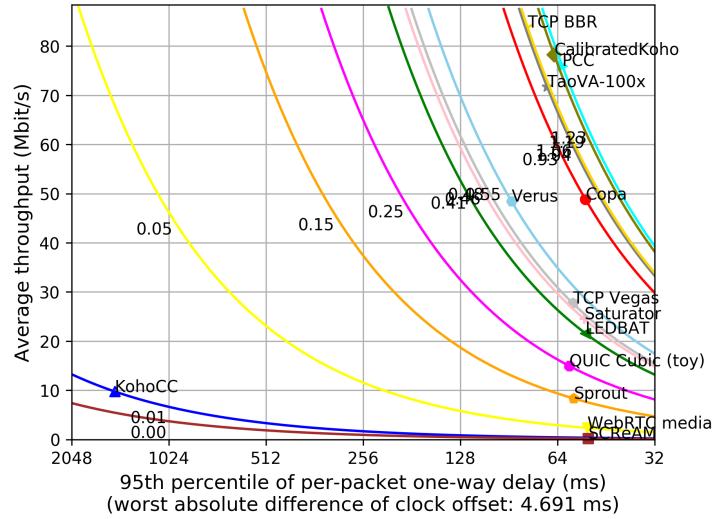
test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



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

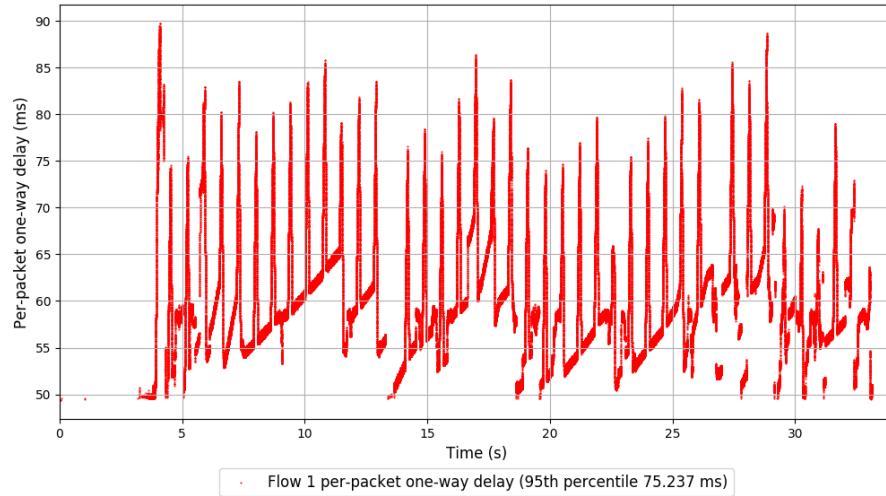
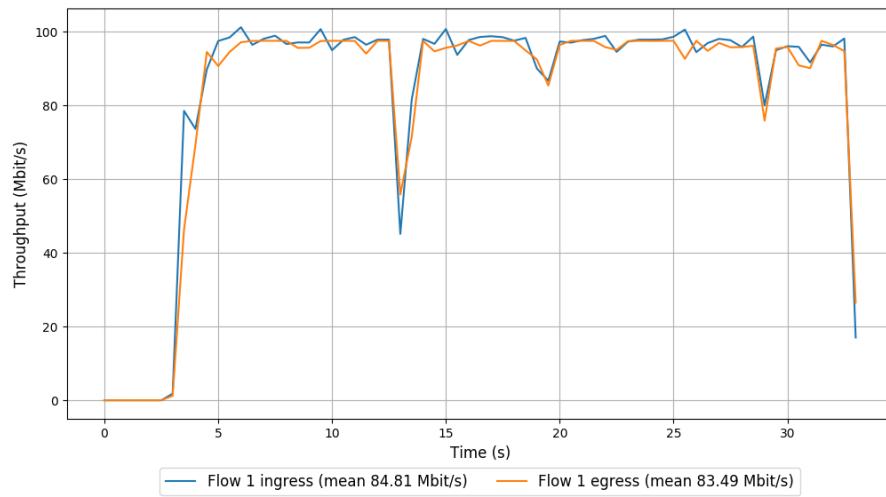


Run 1: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:08:51 +0000
End at: Mon, 19 Jun 2017 21:09:21 +0000
Local clock offset: -0.818 ms
Remote clock offset: 0.38 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 75.237 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 75.237 ms
Loss rate: 1.57%
```

Run 1: Report of TCP BBR — Data Link

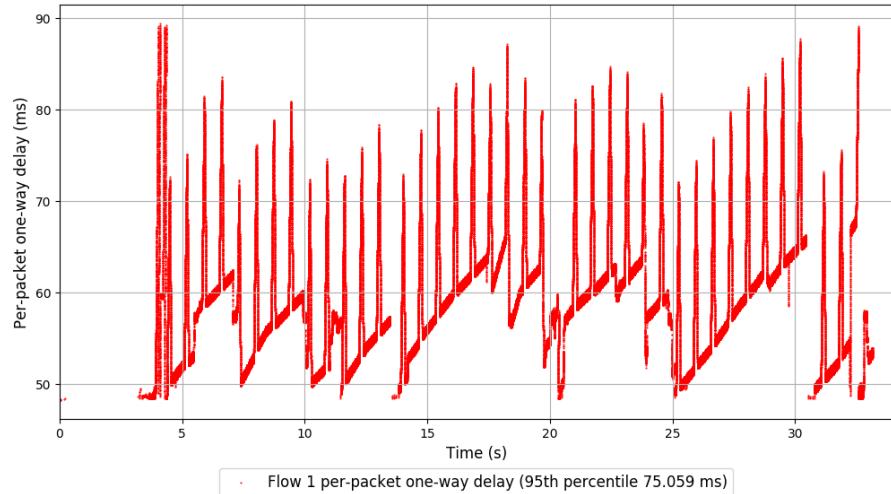
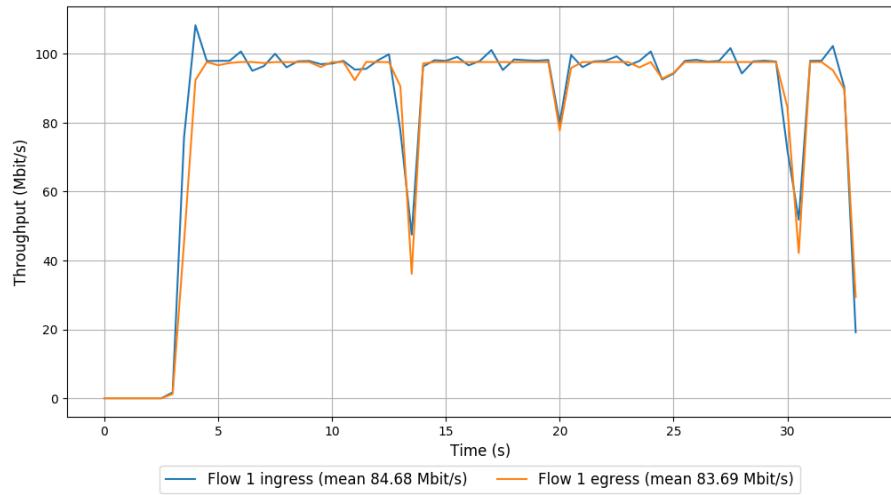


Run 2: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:28:32 +0000
End at: Mon, 19 Jun 2017 21:29:02 +0000
Local clock offset: -1.733 ms
Remote clock offset: 0.074 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 75.059 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 75.059 ms
Loss rate: 1.18%
```

Run 2: Report of TCP BBR — Data Link

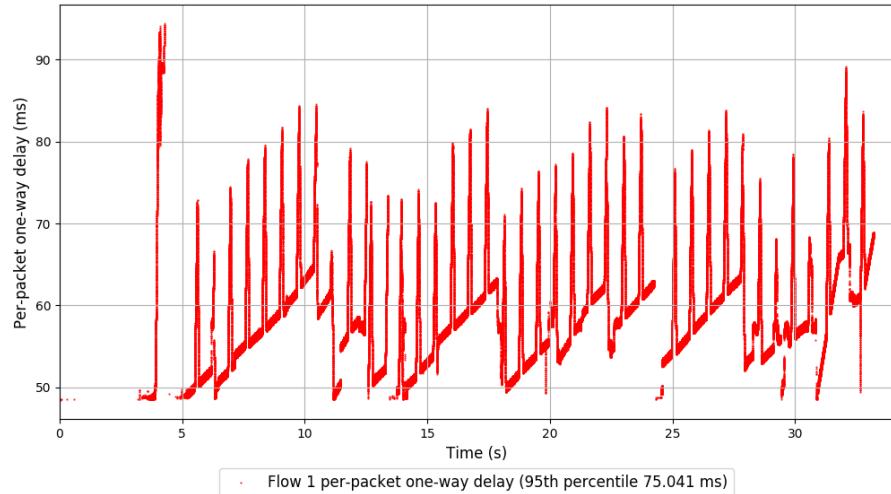
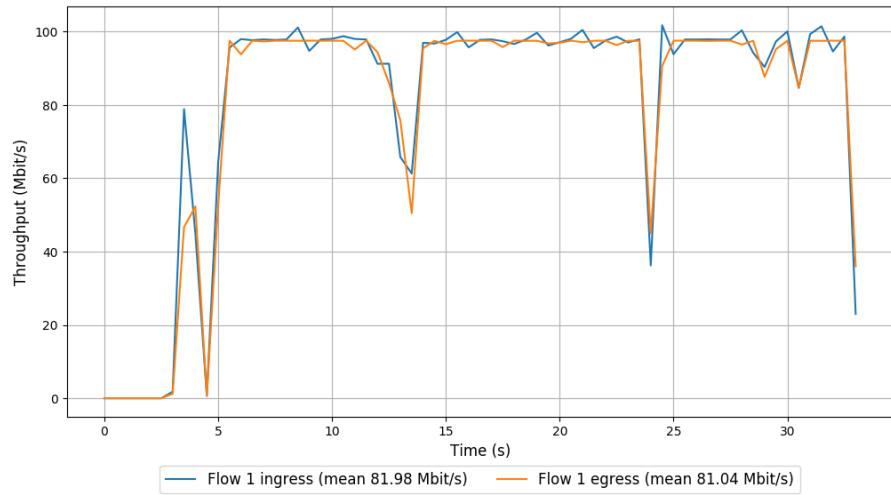


Run 3: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:48:11 +0000
End at: Mon, 19 Jun 2017 21:48:41 +0000
Local clock offset: -1.534 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.04 Mbit/s
95th percentile per-packet one-way delay: 75.041 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 81.04 Mbit/s
95th percentile per-packet one-way delay: 75.041 ms
Loss rate: 1.09%
```

Run 3: Report of TCP BBR — Data Link

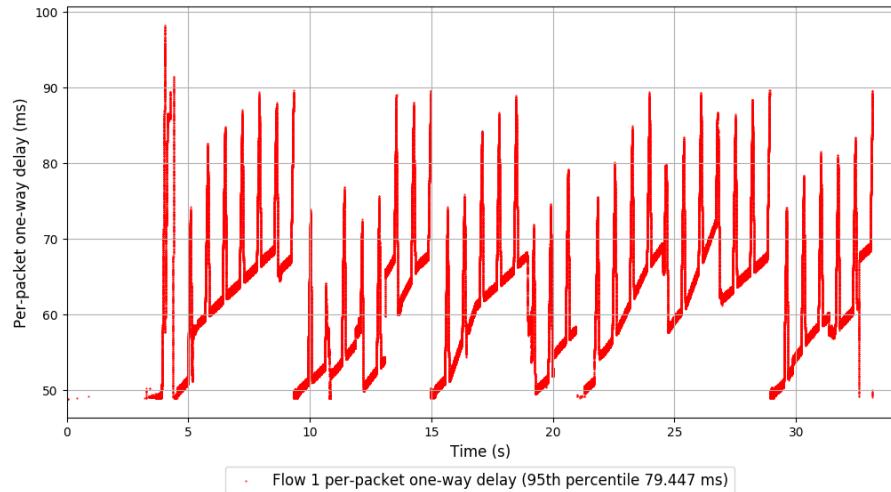
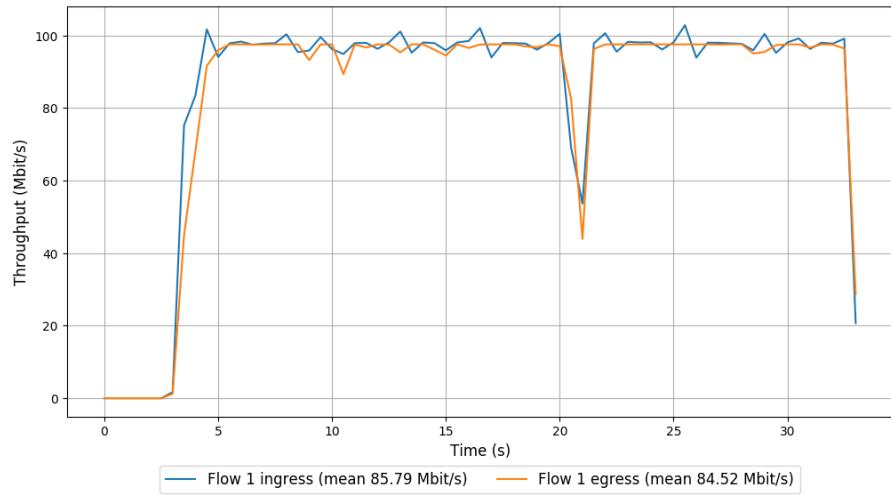


Run 4: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:07:50 +0000
End at: Mon, 19 Jun 2017 22:08:20 +0000
Local clock offset: -0.869 ms
Remote clock offset: -1.483 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.52 Mbit/s
95th percentile per-packet one-way delay: 79.447 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 84.52 Mbit/s
95th percentile per-packet one-way delay: 79.447 ms
Loss rate: 1.50%
```

Run 4: Report of TCP BBR — Data Link

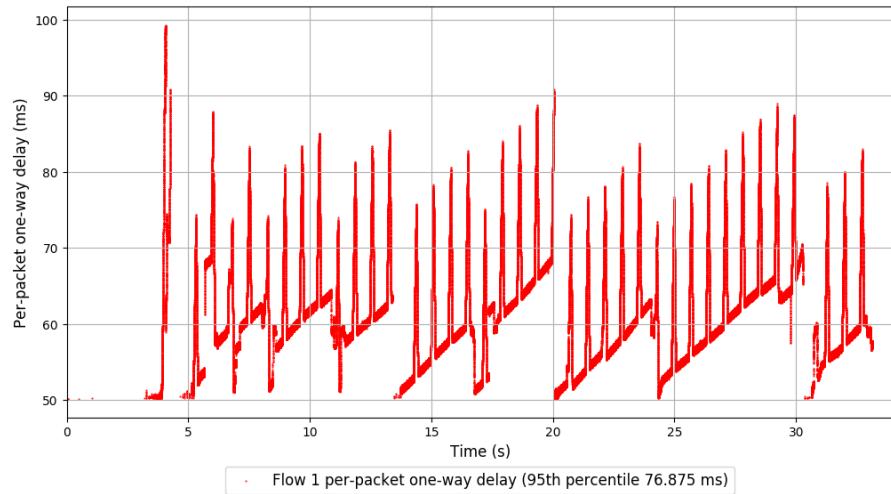
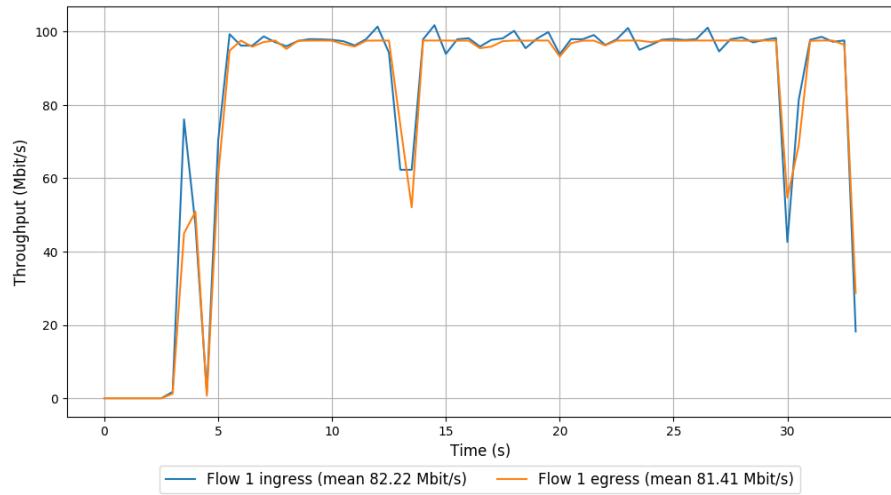


Run 5: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:27:23 +0000
End at: Mon, 19 Jun 2017 22:27:53 +0000
Local clock offset: -0.263 ms
Remote clock offset: -2.211 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.41 Mbit/s
95th percentile per-packet one-way delay: 76.875 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 81.41 Mbit/s
95th percentile per-packet one-way delay: 76.875 ms
Loss rate: 0.97%
```

Run 5: Report of TCP BBR — Data Link

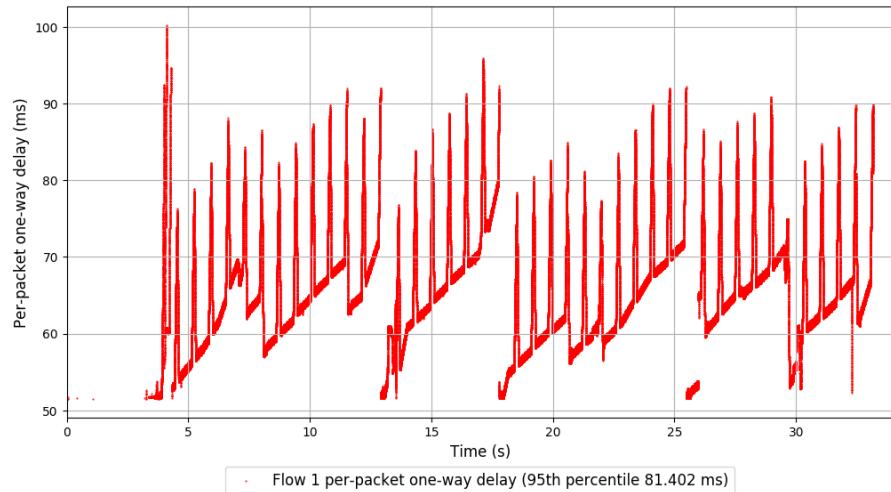
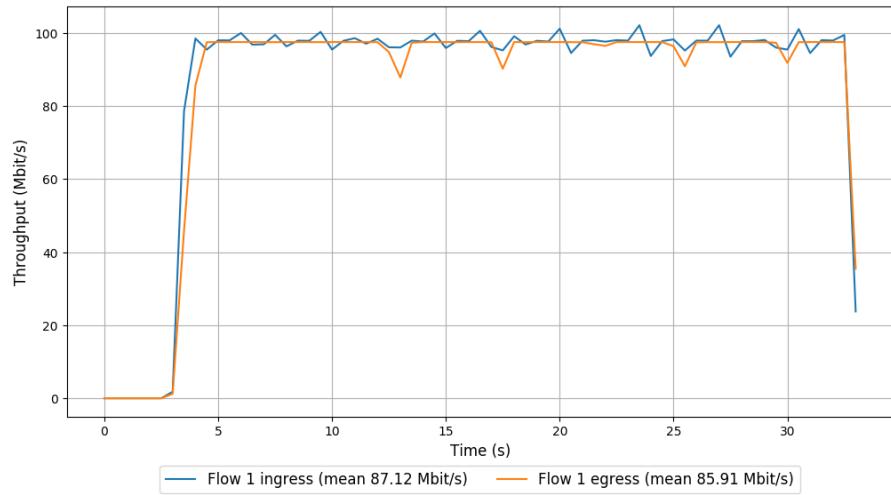


Run 6: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:46:59 +0000
End at: Mon, 19 Jun 2017 22:47:29 +0000
Local clock offset: 0.301 ms
Remote clock offset: -2.915 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.91 Mbit/s
95th percentile per-packet one-way delay: 81.402 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 85.91 Mbit/s
95th percentile per-packet one-way delay: 81.402 ms
Loss rate: 1.35%
```

Run 6: Report of TCP BBR — Data Link

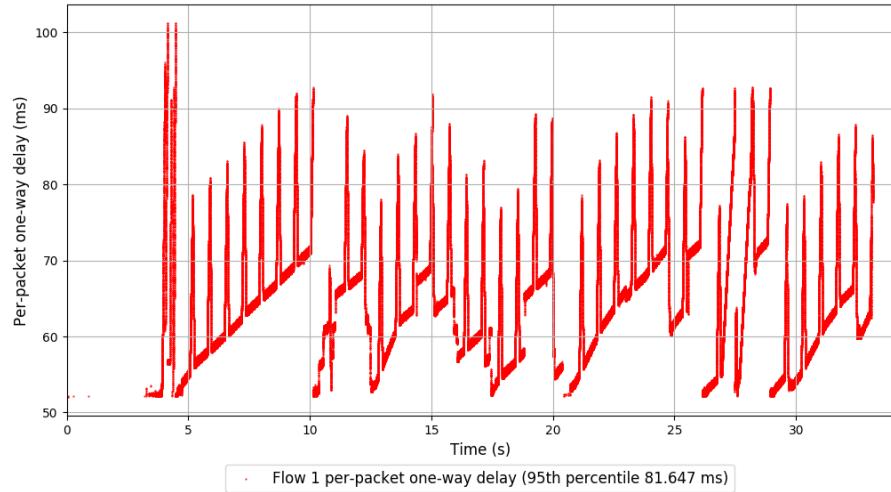
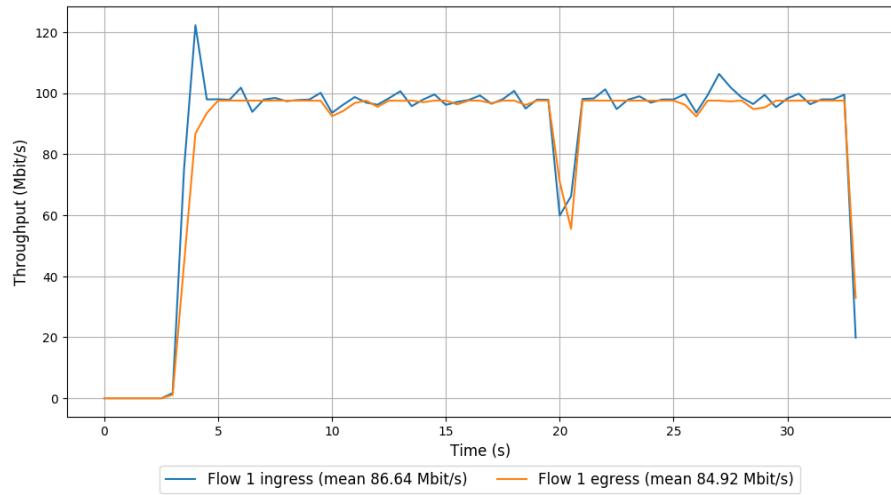


Run 7: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:06:43 +0000
End at: Mon, 19 Jun 2017 23:07:13 +0000
Local clock offset: 0.636 ms
Remote clock offset: -0.727 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:07:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 81.647 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 81.647 ms
Loss rate: 1.93%
```

Run 7: Report of TCP BBR — Data Link

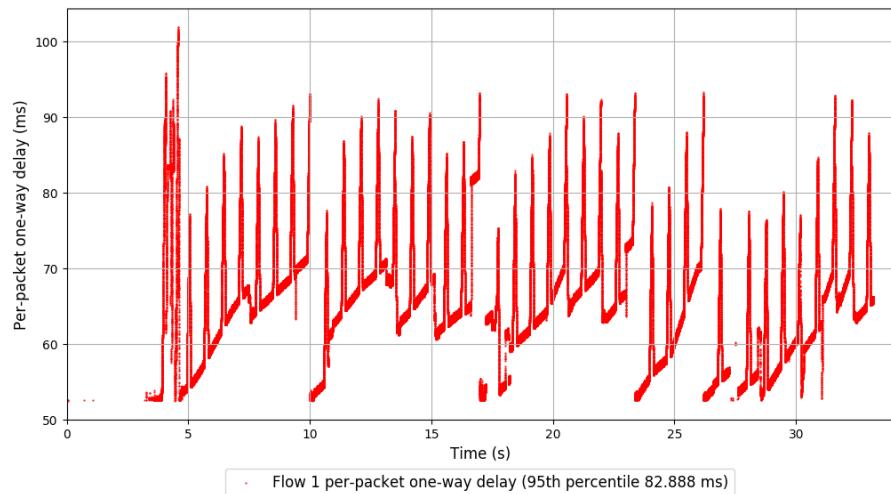
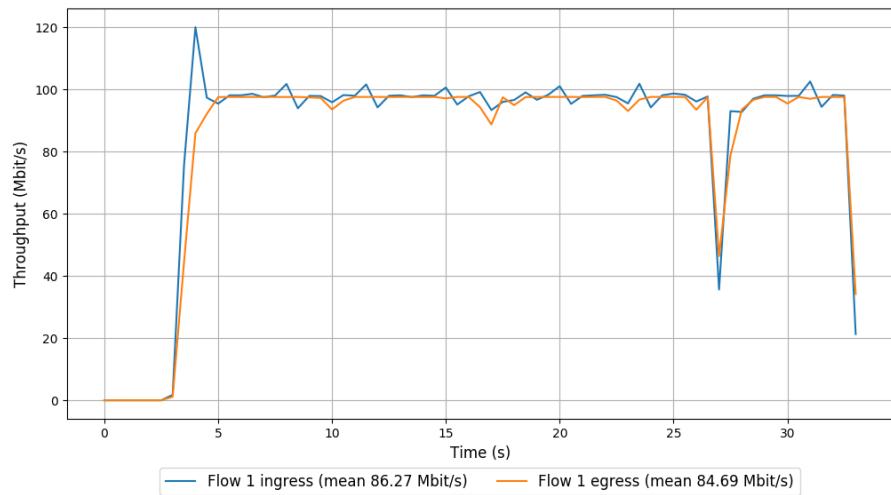


Run 8: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:26:20 +0000
End at: Mon, 19 Jun 2017 23:26:50 +0000
Local clock offset: 1.093 ms
Remote clock offset: -3.271 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.69 Mbit/s
95th percentile per-packet one-way delay: 82.888 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 84.69 Mbit/s
95th percentile per-packet one-way delay: 82.888 ms
Loss rate: 1.81%
```

Run 8: Report of TCP BBR — Data Link

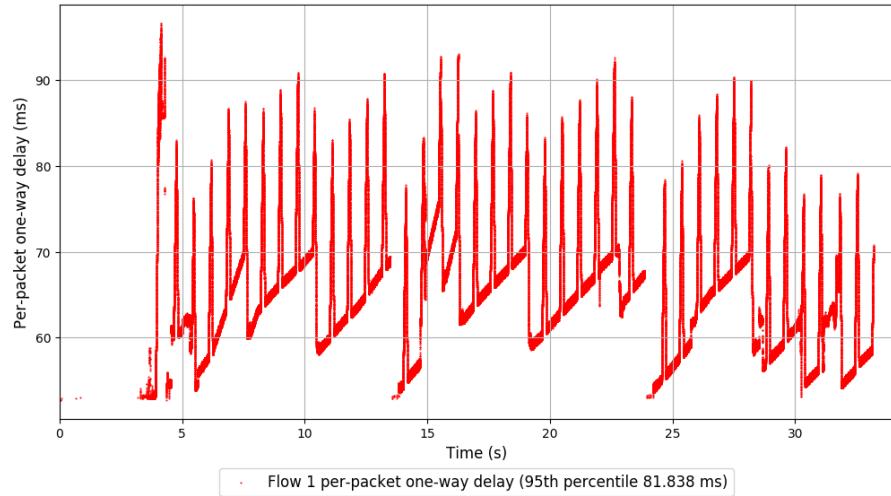
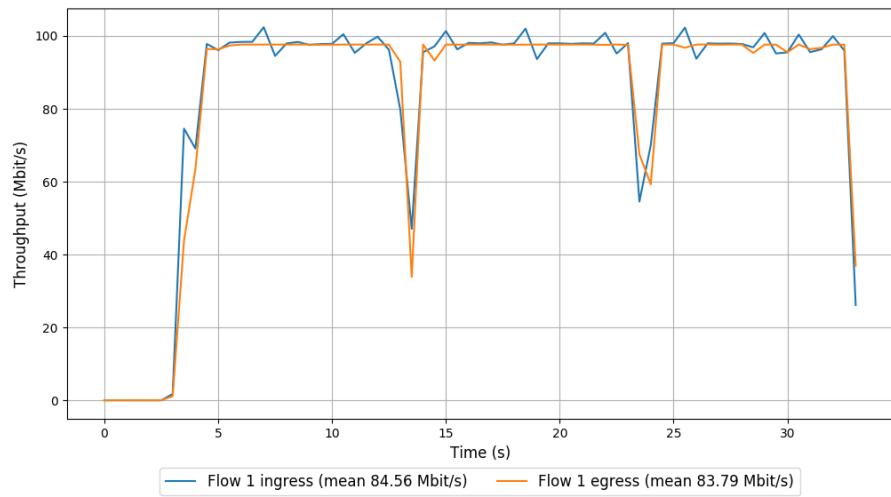


Run 9: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:45:58 +0000
End at: Mon, 19 Jun 2017 23:46:28 +0000
Local clock offset: 1.434 ms
Remote clock offset: -3.113 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 81.838 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 81.838 ms
Loss rate: 0.87%
```

Run 9: Report of TCP BBR — Data Link

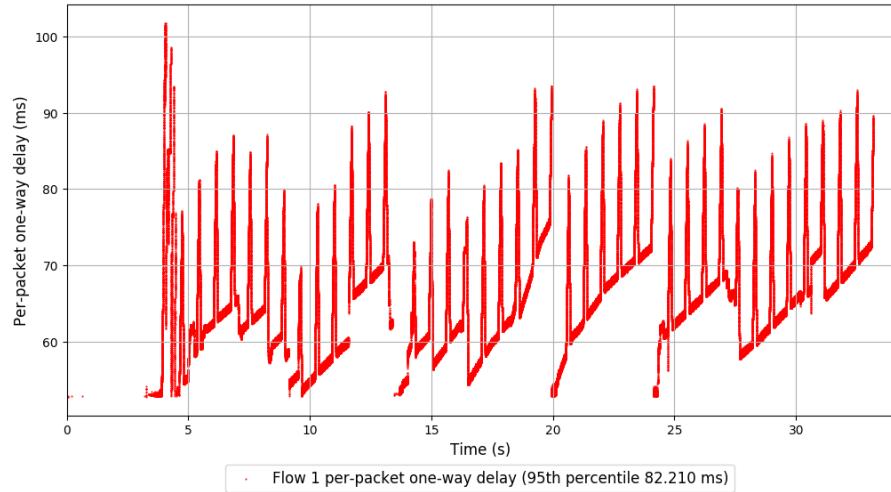
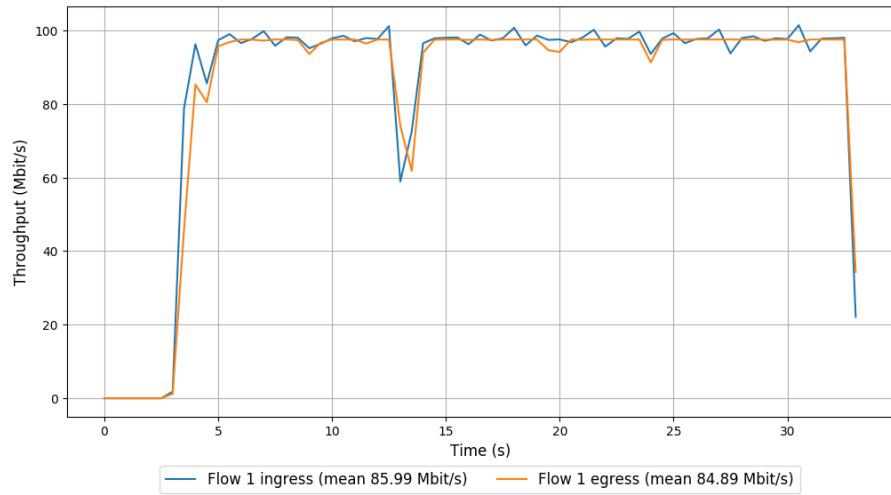


```
Run 10: Statistics of TCP BBR
```

```
Start at: Tue, 20 Jun 2017 00:05:32 +0000
End at: Tue, 20 Jun 2017 00:06:02 +0000
Local clock offset: 1.452 ms
Remote clock offset: -3.161 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 82.210 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 82.210 ms
Loss rate: 1.21%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Mon, 19 Jun 2017 20:55:52 +0000
```

```
End at: Mon, 19 Jun 2017 20:56:22 +0000
```

```
Local clock offset: -0.256 ms
```

```
Remote clock offset: -0.253 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:23 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 78.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.479 ms
```

```
Loss rate: 0.36%
```

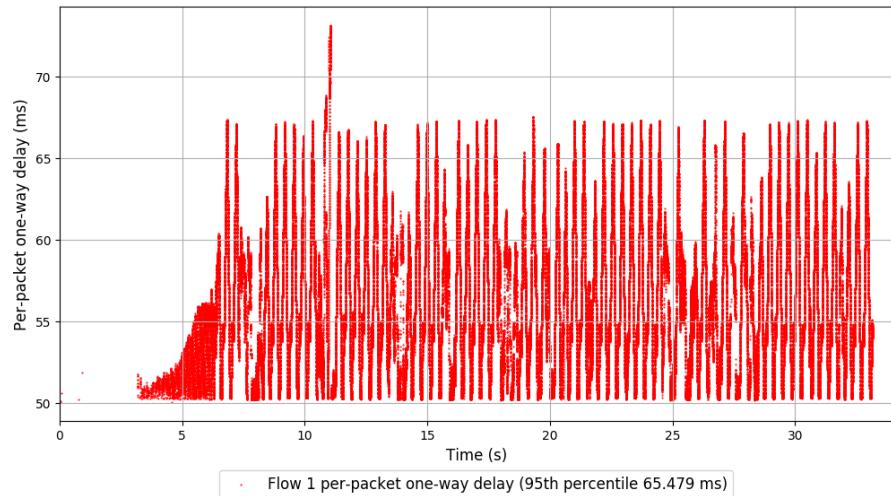
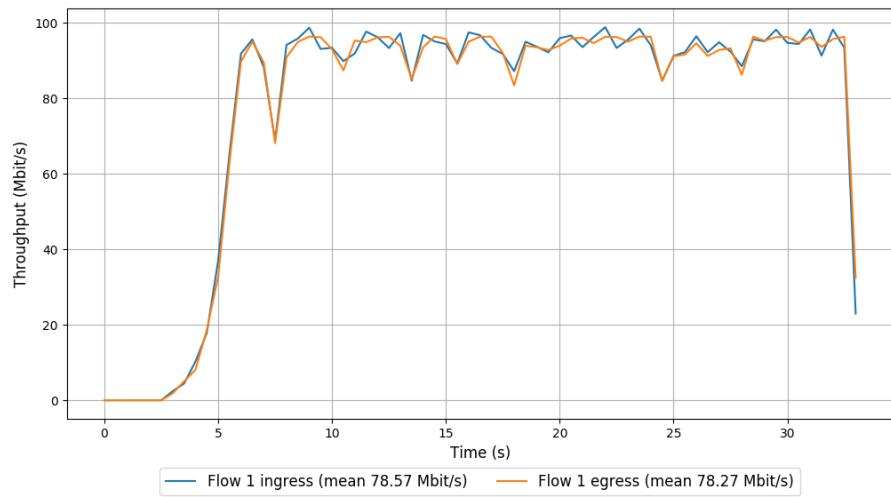
```
-- Flow 1:
```

```
Average throughput: 78.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.479 ms
```

```
Loss rate: 0.36%
```

Run 1: Report of CalibratedKoho — Data Link

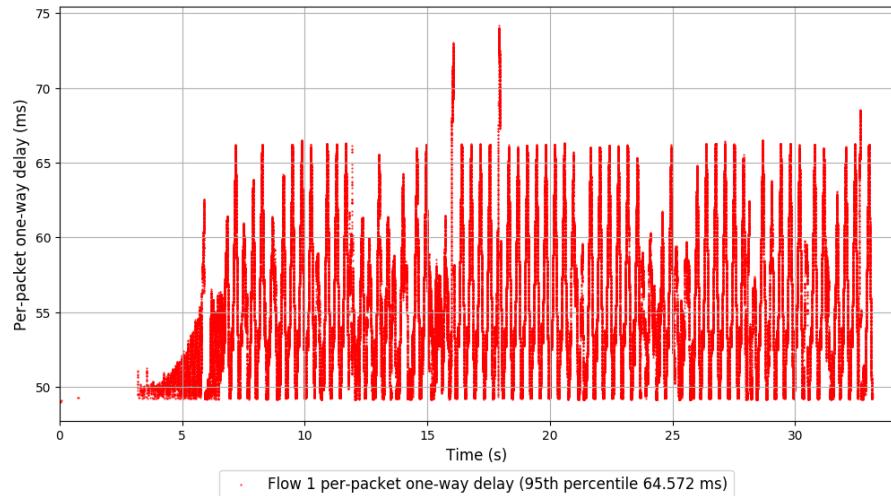
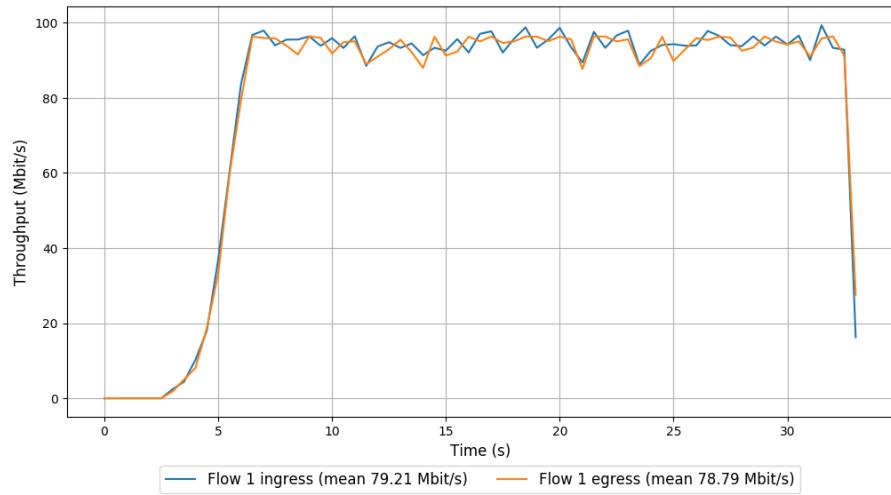


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 21:15:28 +0000
End at: Mon, 19 Jun 2017 21:15:58 +0000
Local clock offset: -1.196 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 64.572 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 64.572 ms
Loss rate: 0.53%
```

Run 2: Report of CalibratedKoho — Data Link

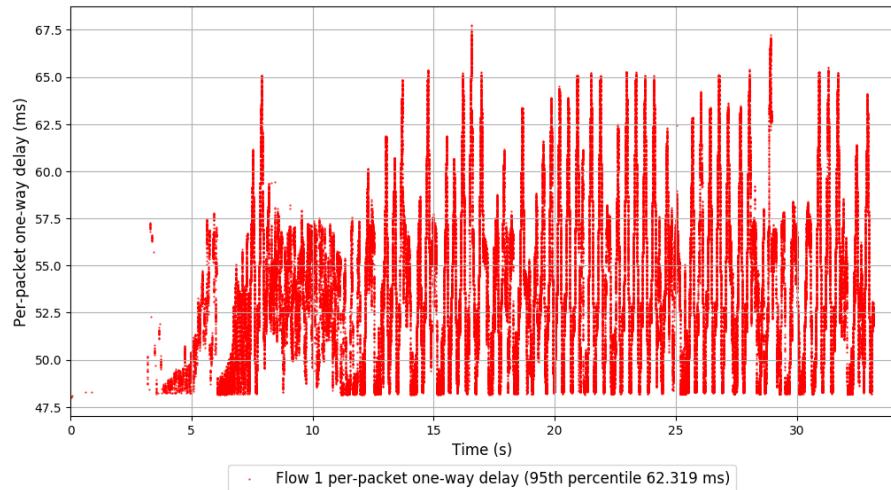
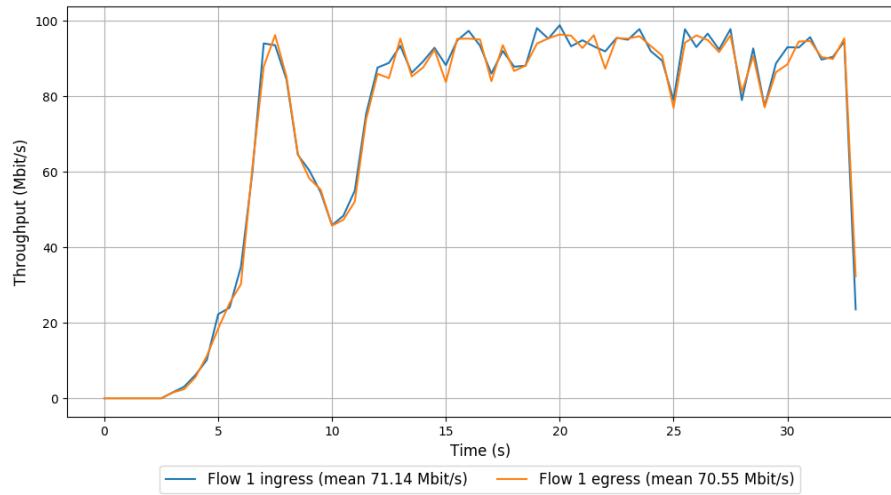


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 21:35:08 +0000
End at: Mon, 19 Jun 2017 21:35:38 +0000
Local clock offset: -1.923 ms
Remote clock offset: 0.323 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.55 Mbit/s
95th percentile per-packet one-way delay: 62.319 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 70.55 Mbit/s
95th percentile per-packet one-way delay: 62.319 ms
Loss rate: 0.81%
```

Run 3: Report of CalibratedKoho — Data Link

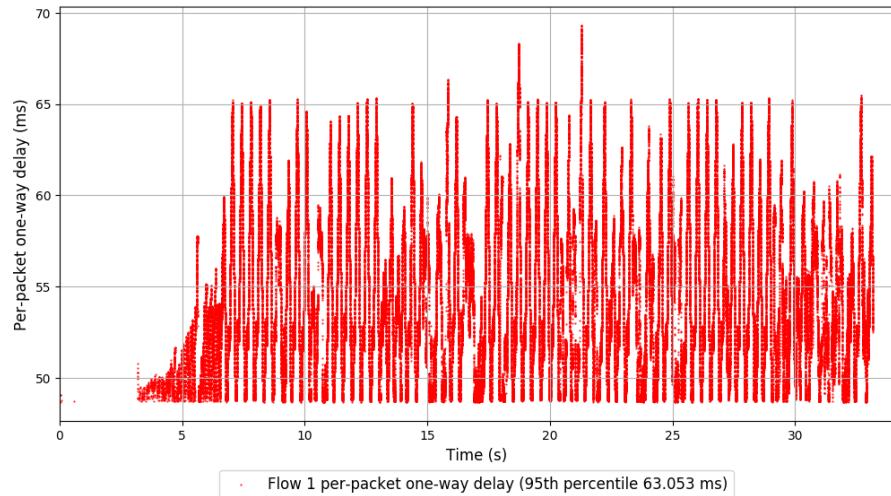
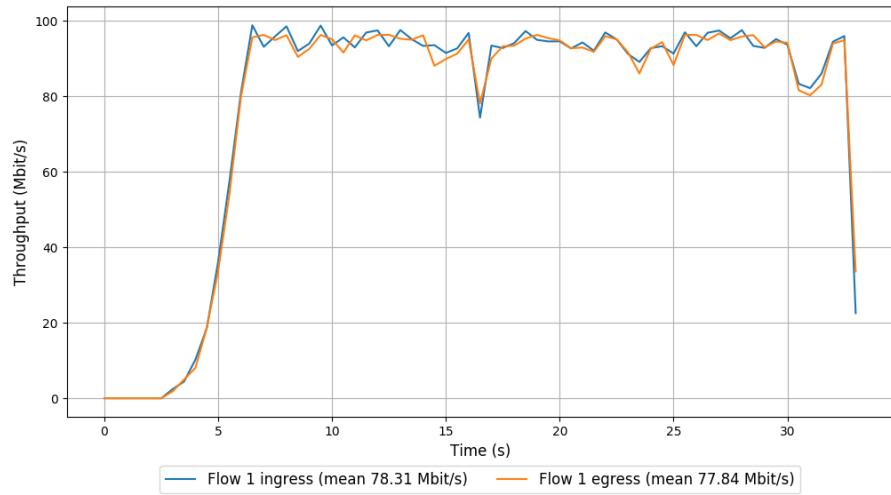


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 19 Jun 2017 21:54:48 +0000
End at: Mon, 19 Jun 2017 21:55:18 +0000
Local clock offset: -1.259 ms
Remote clock offset: 0.34 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 63.053 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 63.053 ms
Loss rate: 0.59%
```

Run 4: Report of CalibratedKoho — Data Link

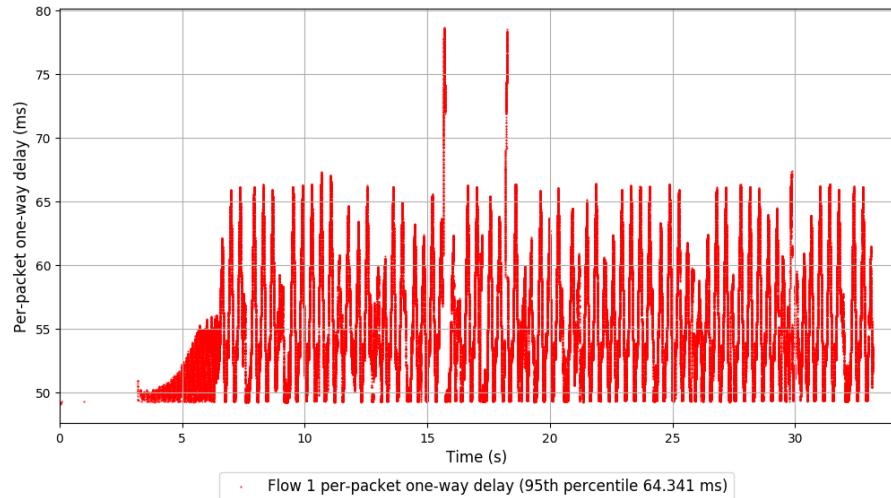
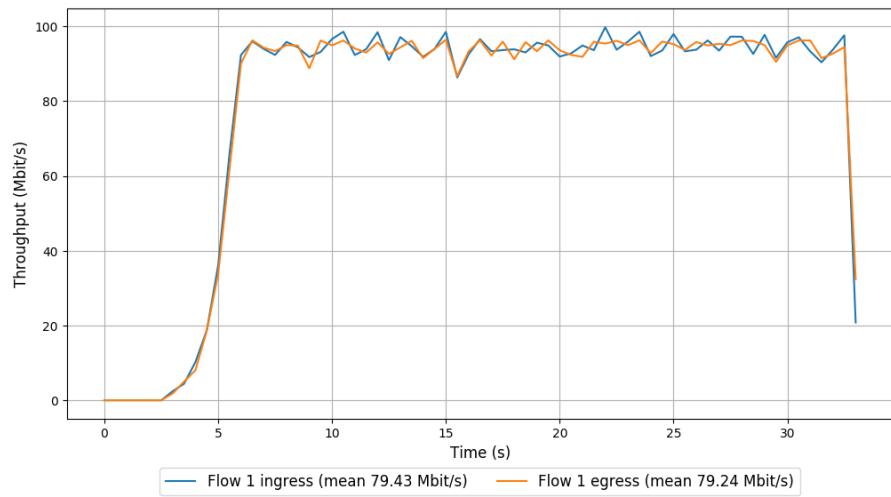


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 19 Jun 2017 22:14:23 +0000
End at: Mon, 19 Jun 2017 22:14:53 +0000
Local clock offset: -0.682 ms
Remote clock offset: -1.594 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: 64.341 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: 64.341 ms
Loss rate: 0.23%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 22:33:55 +0000
```

```
End at: Mon, 19 Jun 2017 22:34:25 +0000
```

```
Local clock offset: 0.073 ms
```

```
Remote clock offset: 0.256 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:08:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.370 ms
```

```
Loss rate: 0.13%
```

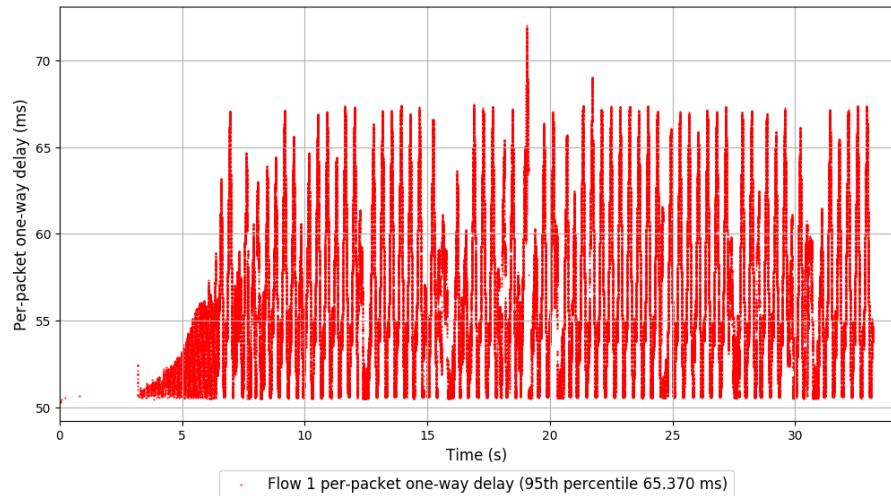
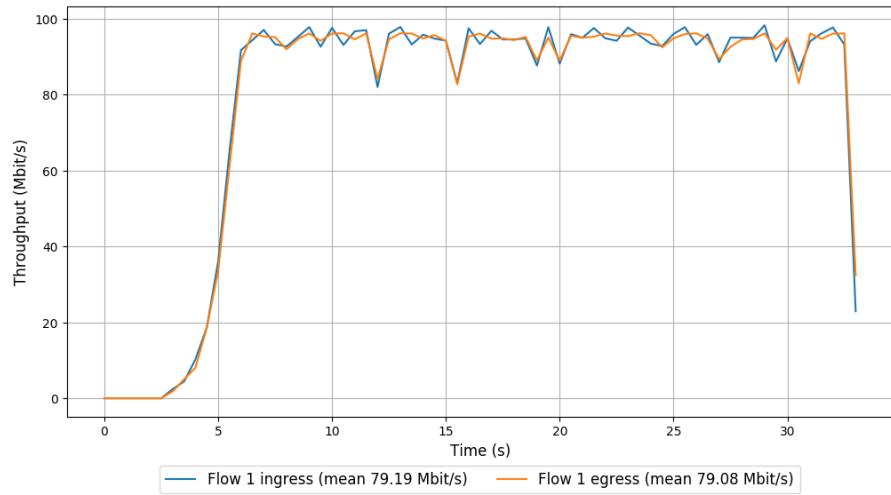
```
-- Flow 1:
```

```
Average throughput: 79.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.370 ms
```

```
Loss rate: 0.13%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Mon, 19 Jun 2017 22:53:36 +0000

End at: Mon, 19 Jun 2017 22:54:06 +0000

Local clock offset: 0.506 ms

Remote clock offset: -3.057 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:09:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 66.518 ms

Loss rate: 0.29%

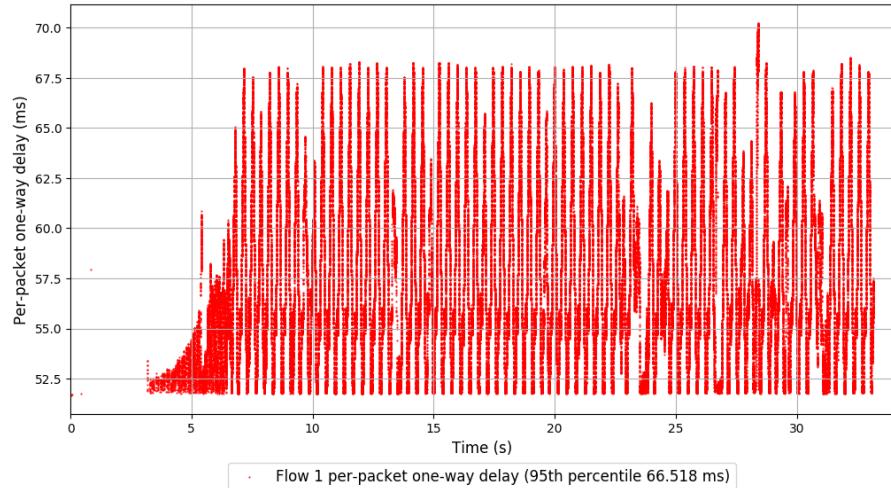
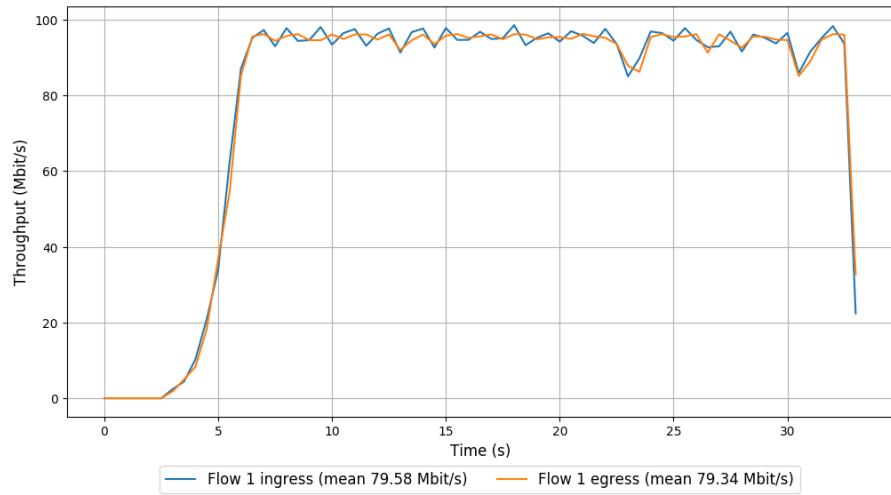
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 66.518 ms

Loss rate: 0.29%

Run 7: Report of CalibratedKoho — Data Link

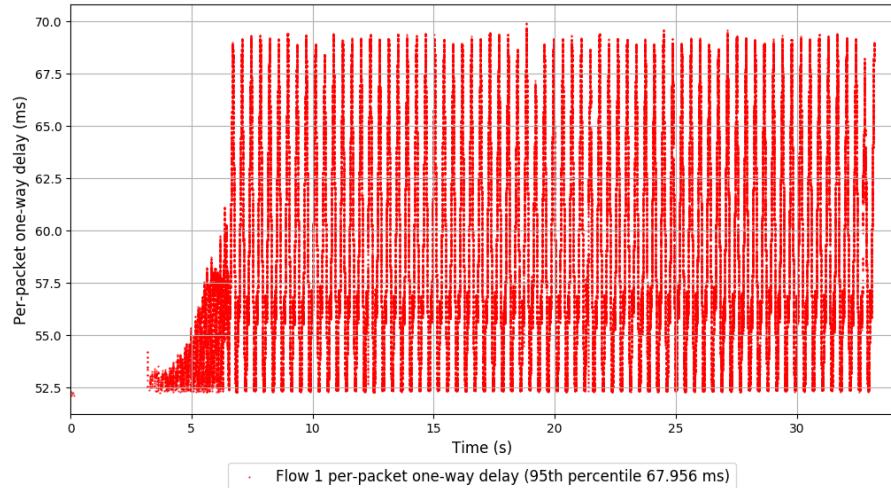
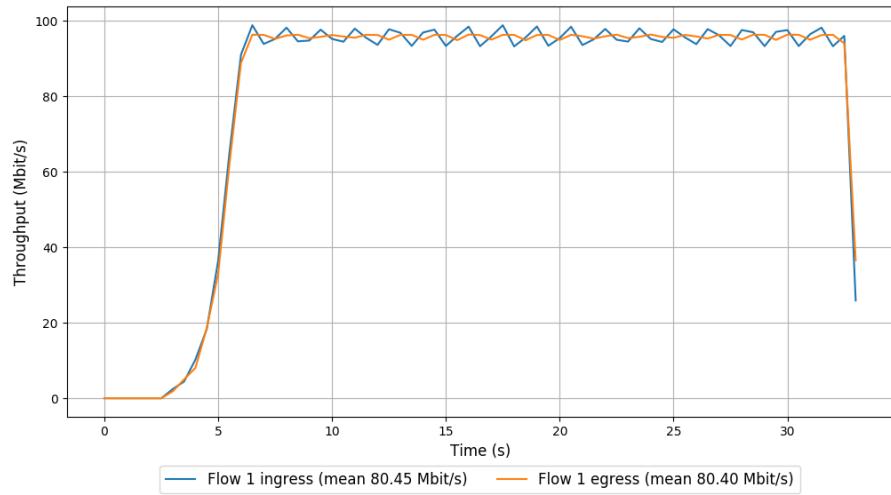


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 23:13:17 +0000
End at: Mon, 19 Jun 2017 23:13:47 +0000
Local clock offset: 0.8 ms
Remote clock offset: -3.154 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.40 Mbit/s
95th percentile per-packet one-way delay: 67.956 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 80.40 Mbit/s
95th percentile per-packet one-way delay: 67.956 ms
Loss rate: 0.03%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:32:54 +0000
```

```
End at: Mon, 19 Jun 2017 23:33:24 +0000
```

```
Local clock offset: 1.265 ms
```

```
Remote clock offset: -3.09 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:12 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.784 ms
```

```
Loss rate: 0.06%
```

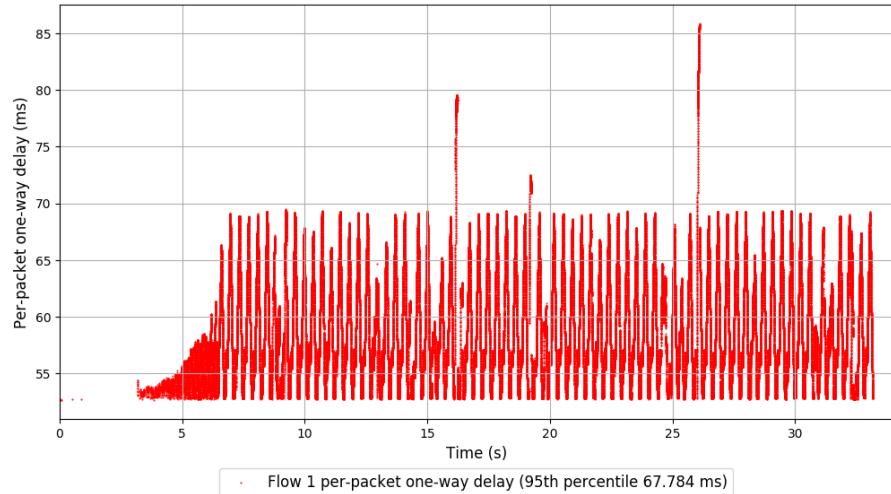
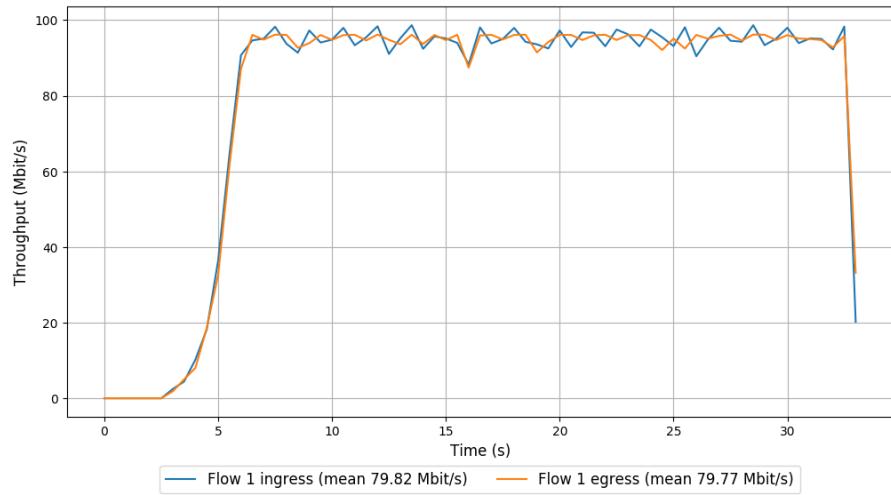
```
-- Flow 1:
```

```
Average throughput: 79.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.784 ms
```

```
Loss rate: 0.06%
```

Run 9: Report of CalibratedKoho — Data Link

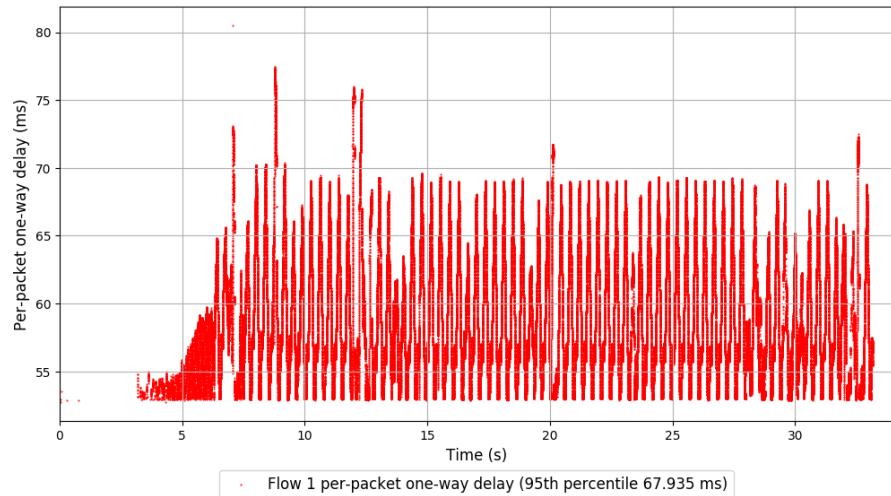
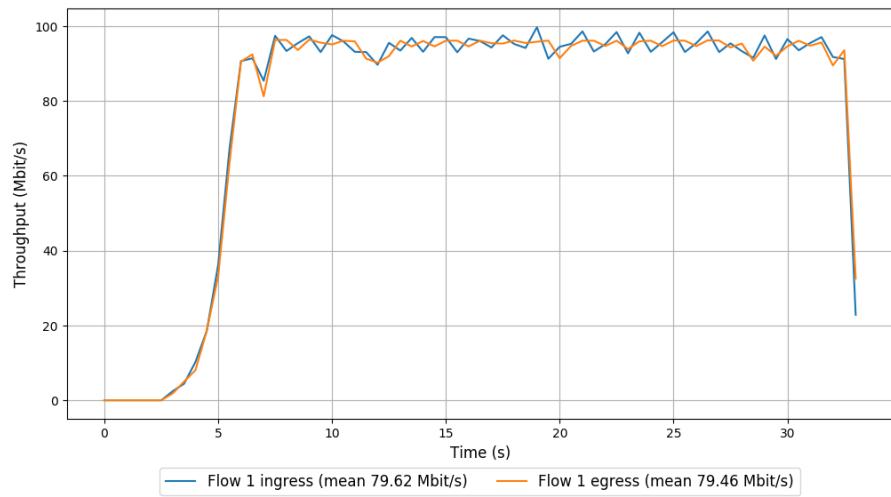


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 23:52:31 +0000
End at: Mon, 19 Jun 2017 23:53:01 +0000
Local clock offset: 1.535 ms
Remote clock offset: -0.98 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 67.935 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 67.935 ms
Loss rate: 0.19%
```

Run 10: Report of CalibratedKoho — Data Link

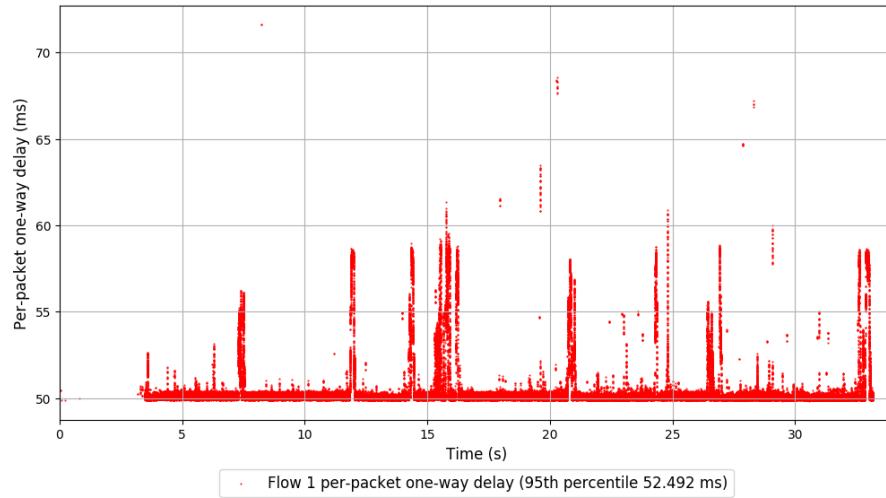
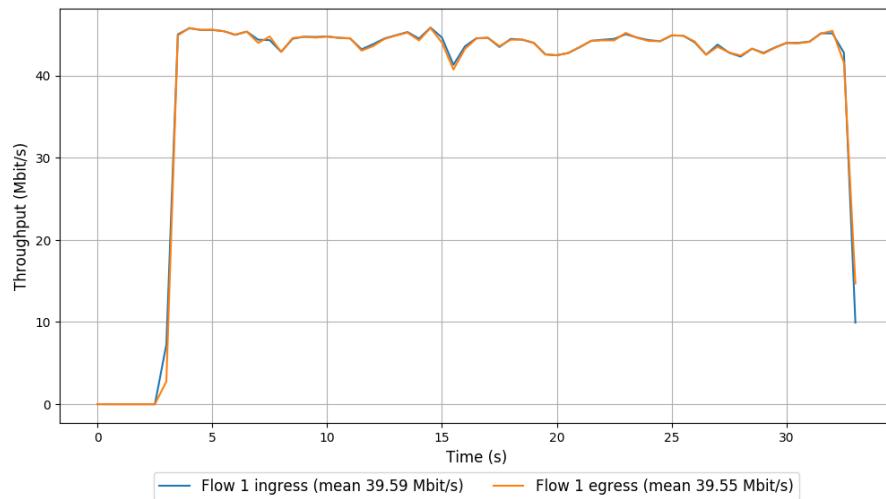


Run 1: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:02:22 +0000
End at: Mon, 19 Jun 2017 21:02:52 +0000
Local clock offset: -0.585 ms
Remote clock offset: -2.28 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 52.492 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 52.492 ms
Loss rate: 0.13%
```

Run 1: Report of Copa — Data Link

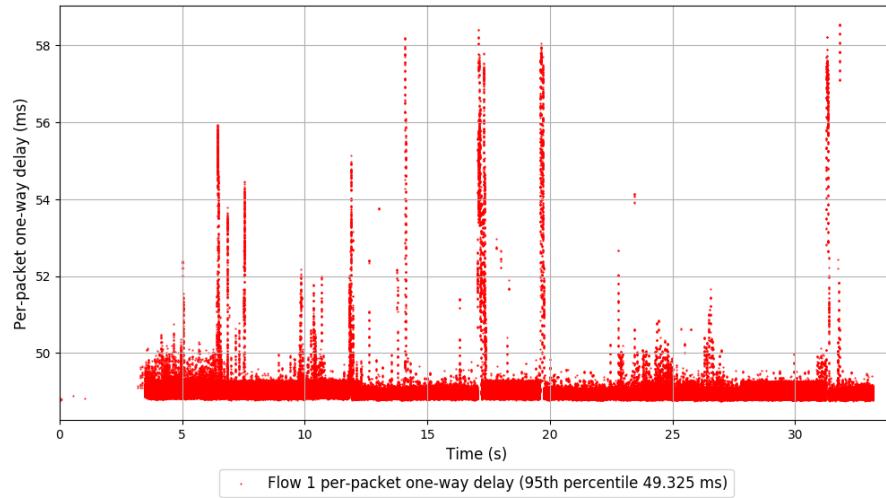
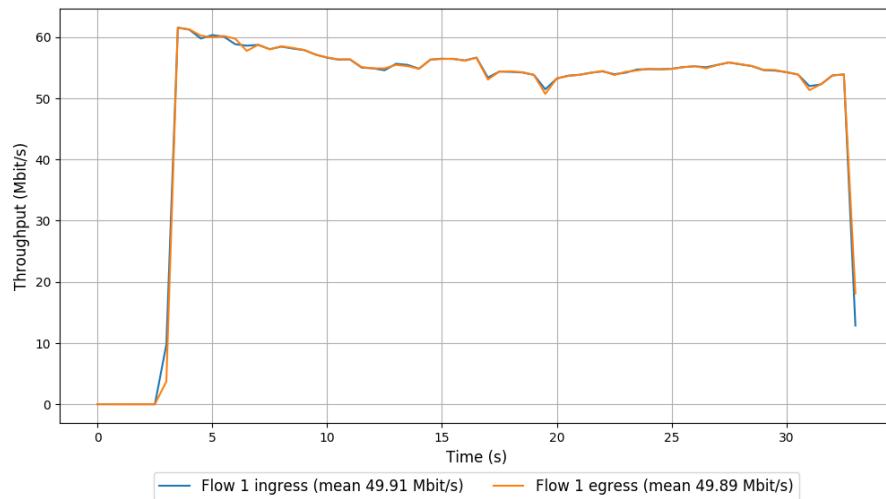


Run 2: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:22:00 +0000
End at: Mon, 19 Jun 2017 21:22:30 +0000
Local clock offset: -1.521 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 49.325 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 49.325 ms
Loss rate: 0.06%
```

Run 2: Report of Copa — Data Link

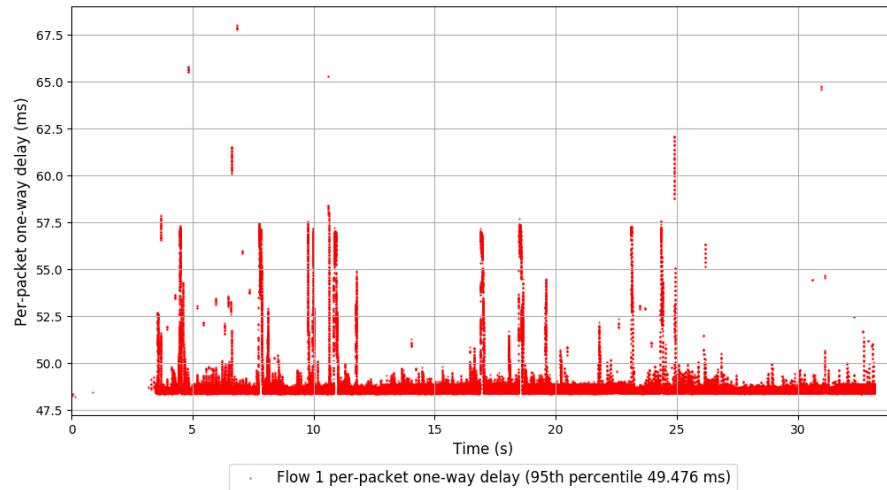
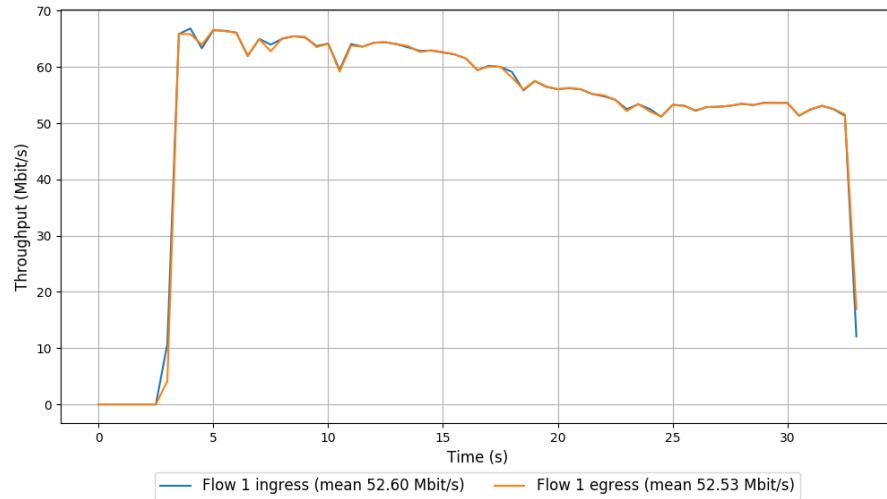


Run 3: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:41:39 +0000
End at: Mon, 19 Jun 2017 21:42:09 +0000
Local clock offset: -1.648 ms
Remote clock offset: 0.245 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 49.476 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 49.476 ms
Loss rate: 0.13%
```

Run 3: Report of Copa — Data Link

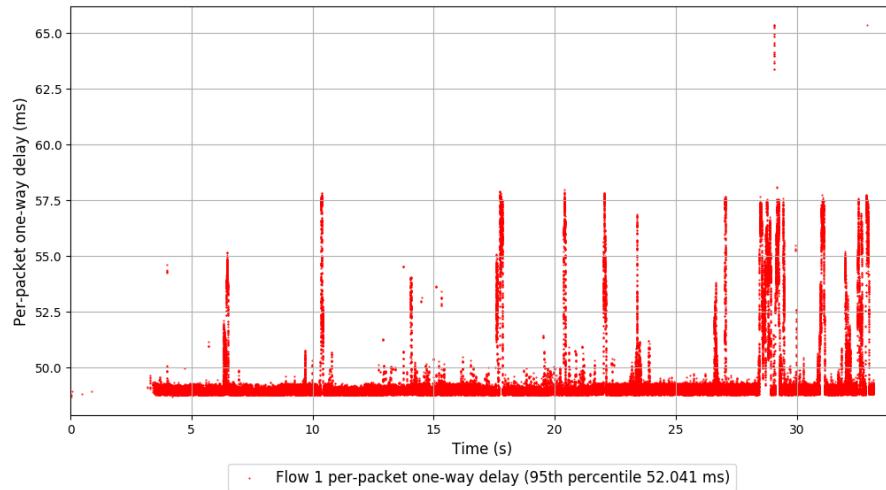
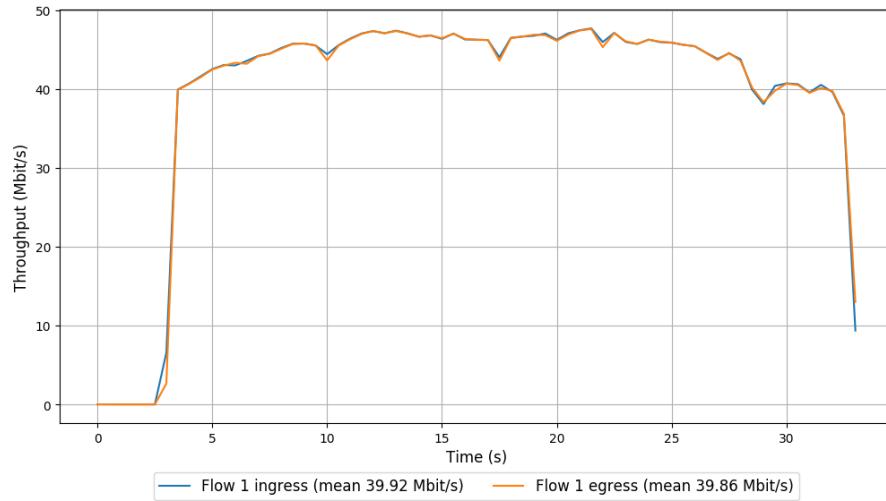


Run 4: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:01:20 +0000
End at: Mon, 19 Jun 2017 22:01:50 +0000
Local clock offset: -1.03 ms
Remote clock offset: -1.723 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 52.041 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 52.041 ms
Loss rate: 0.15%
```

Run 4: Report of Copa — Data Link

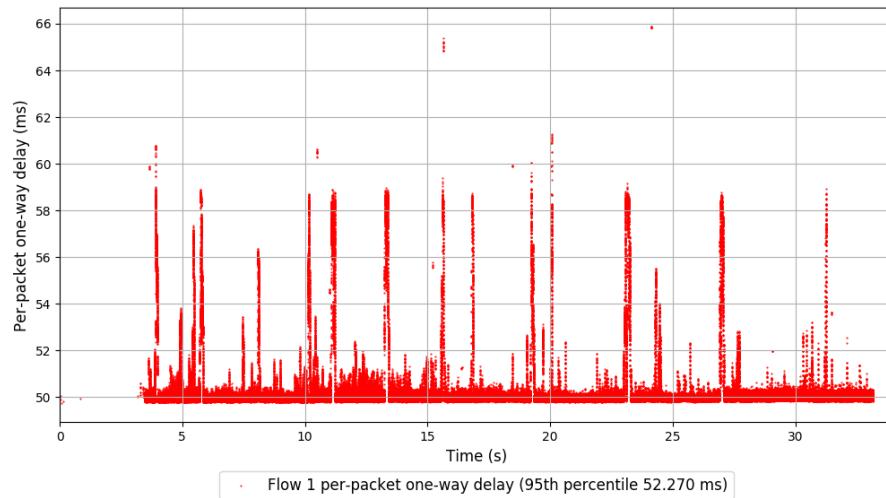
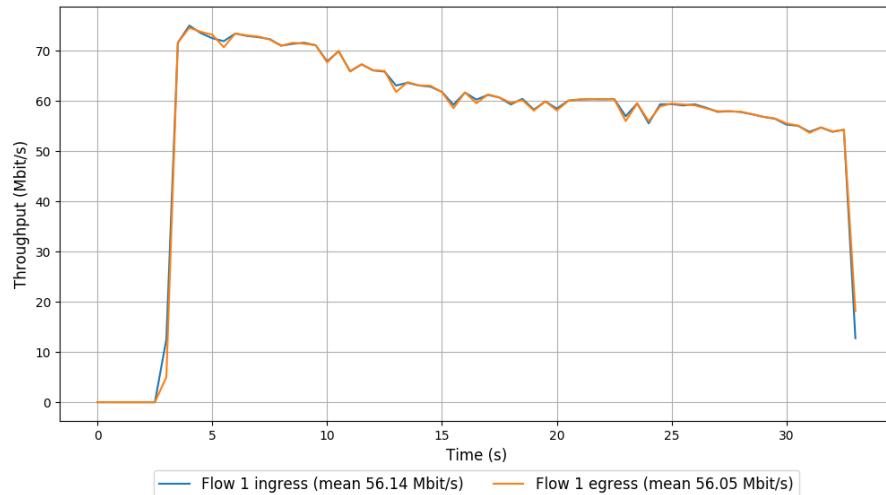


Run 5: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:20:52 +0000
End at: Mon, 19 Jun 2017 22:21:22 +0000
Local clock offset: -0.55 ms
Remote clock offset: -0.005 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 52.270 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 52.270 ms
Loss rate: 0.16%
```

Run 5: Report of Copa — Data Link

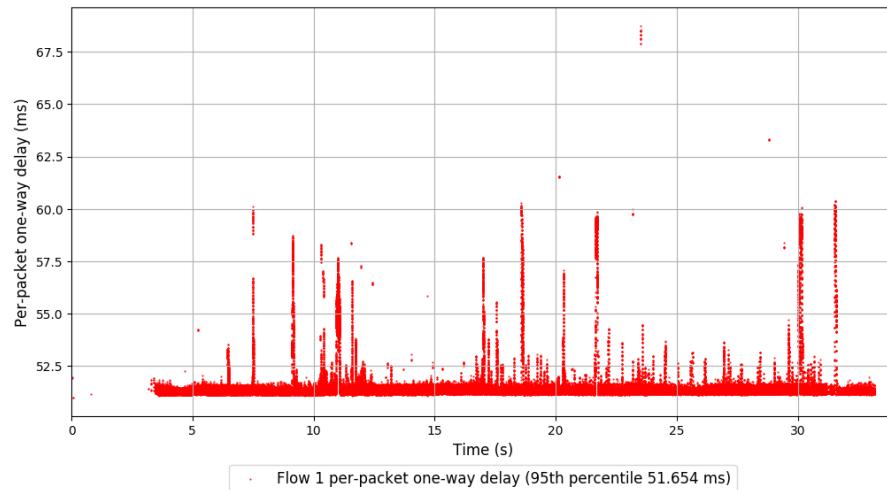
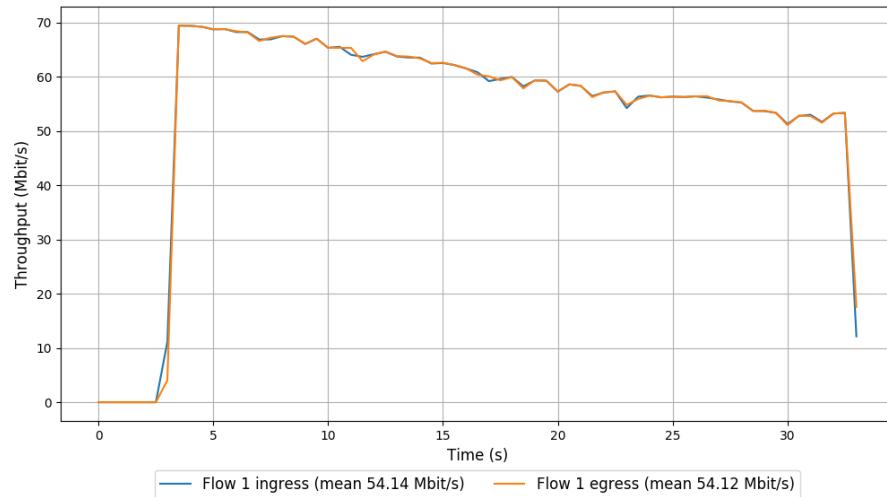


Run 6: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:40:25 +0000
End at: Mon, 19 Jun 2017 22:40:56 +0000
Local clock offset: 0.158 ms
Remote clock offset: -0.468 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:09:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 51.654 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 51.654 ms
Loss rate: 0.04%
```

Run 6: Report of Copa — Data Link

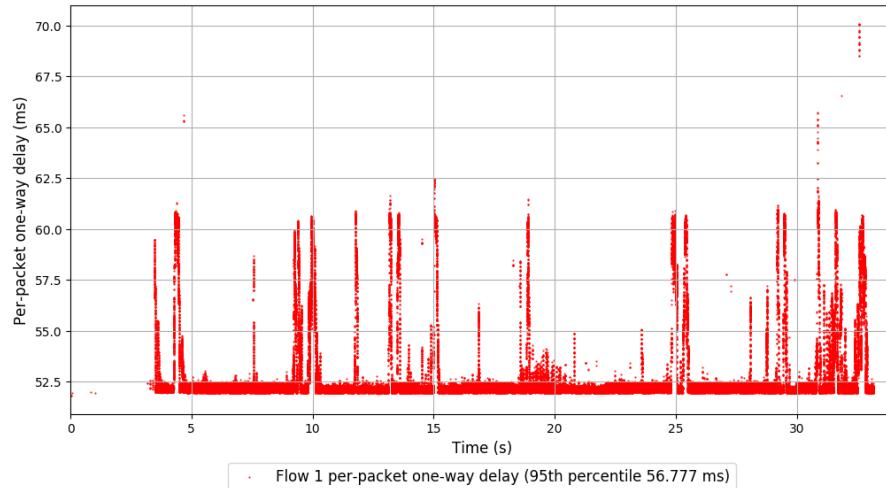
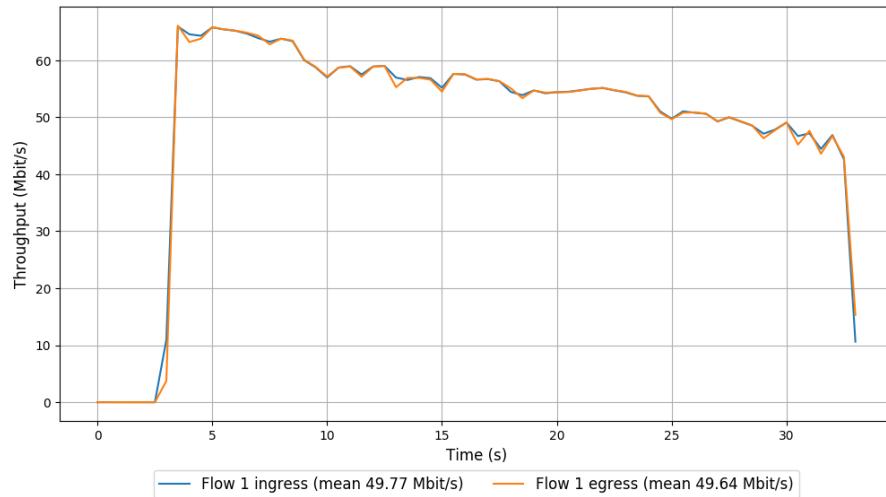


Run 7: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:00:10 +0000
End at: Mon, 19 Jun 2017 23:00:40 +0000
Local clock offset: 0.591 ms
Remote clock offset: -3.116 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.64 Mbit/s
95th percentile per-packet one-way delay: 56.777 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 49.64 Mbit/s
95th percentile per-packet one-way delay: 56.777 ms
Loss rate: 0.27%
```

Run 7: Report of Copa — Data Link

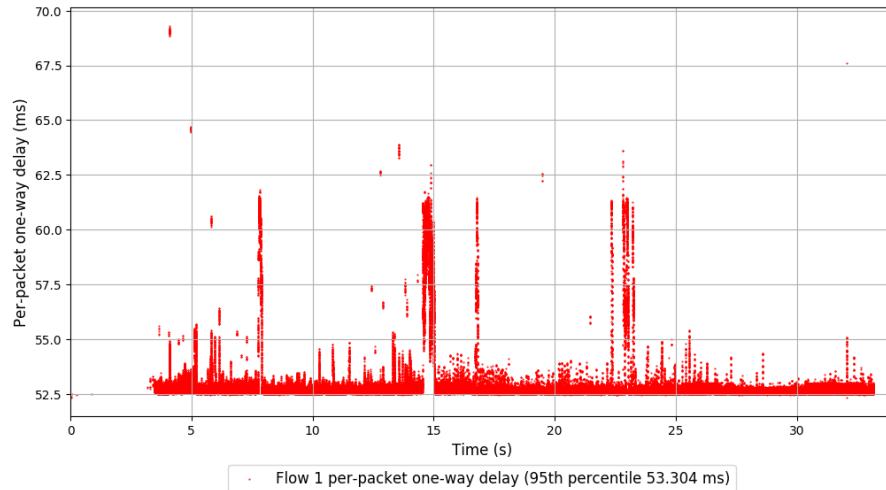
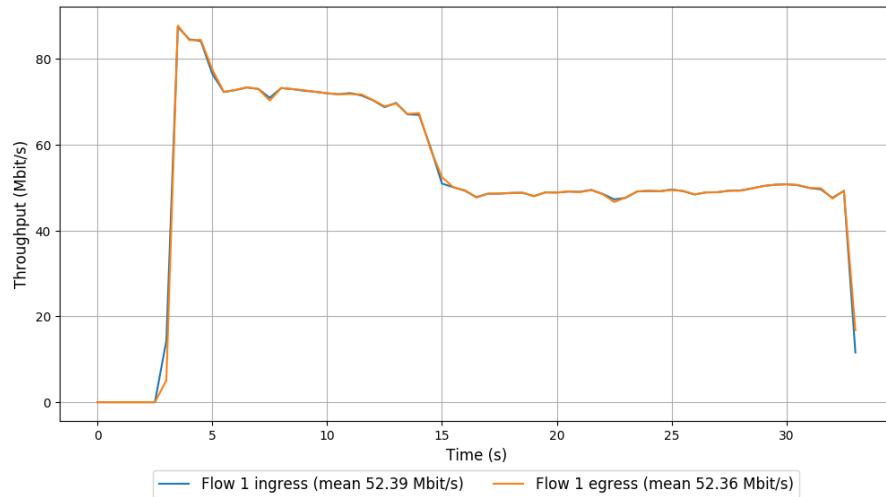


Run 8: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:19:49 +0000
End at: Mon, 19 Jun 2017 23:20:19 +0000
Local clock offset: 1.045 ms
Remote clock offset: -1.114 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.36 Mbit/s
95th percentile per-packet one-way delay: 53.304 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 52.36 Mbit/s
95th percentile per-packet one-way delay: 53.304 ms
Loss rate: 0.06%
```

Run 8: Report of Copa — Data Link

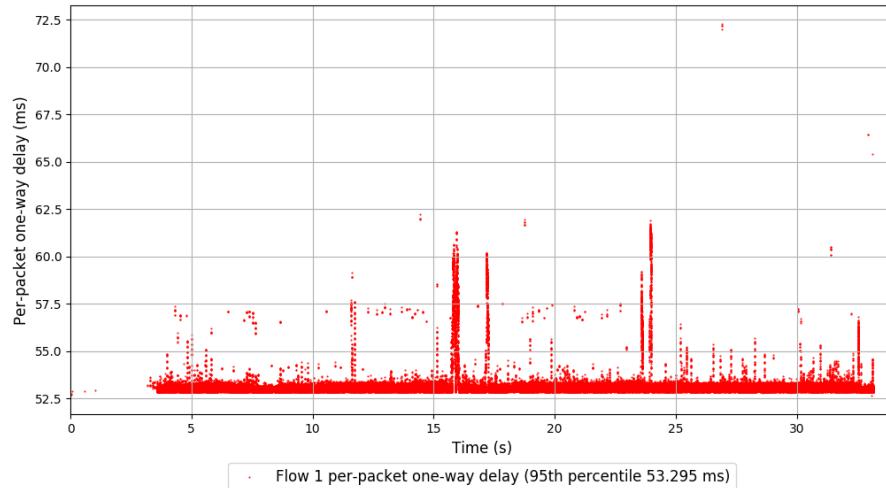
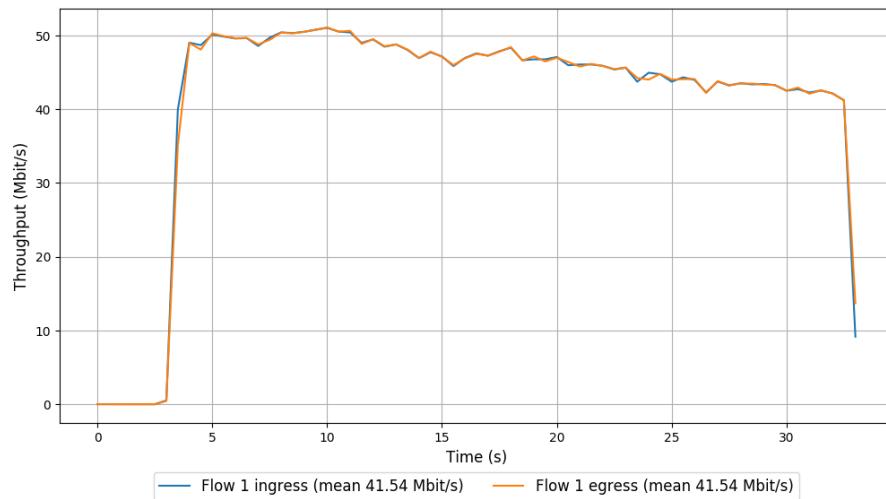


Run 9: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:39:28 +0000
End at: Mon, 19 Jun 2017 23:39:58 +0000
Local clock offset: 1.372 ms
Remote clock offset: -1.208 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 53.295 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 53.295 ms
Loss rate: 0.02%
```

Run 9: Report of Copa — Data Link

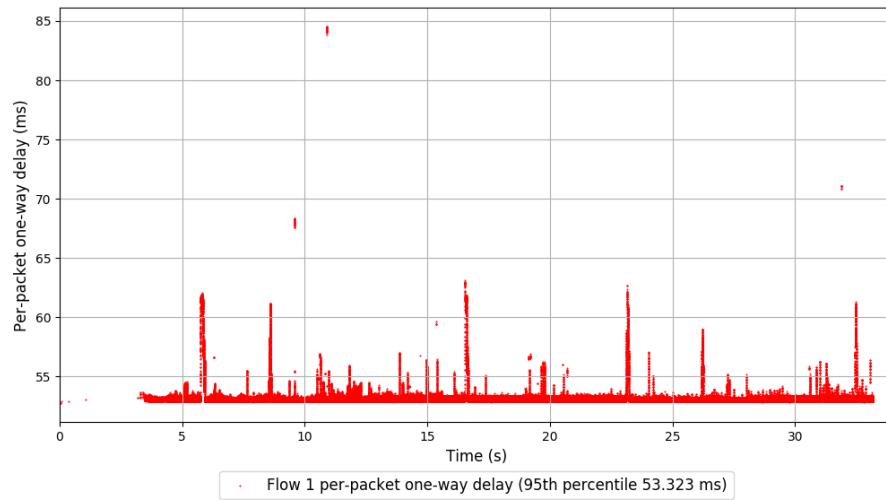
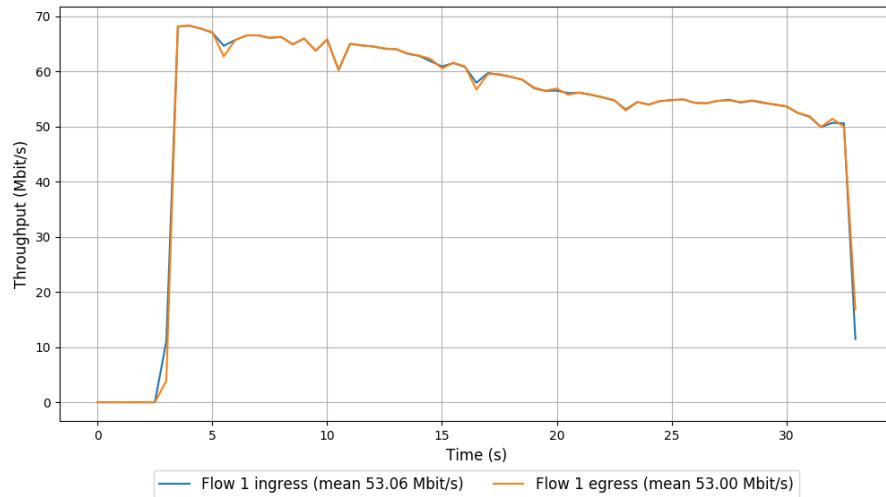


Run 10: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:59:03 +0000
End at: Mon, 19 Jun 2017 23:59:33 +0000
Local clock offset: 1.562 ms
Remote clock offset: -3.129 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 53.323 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 53.323 ms
Loss rate: 0.11%
```

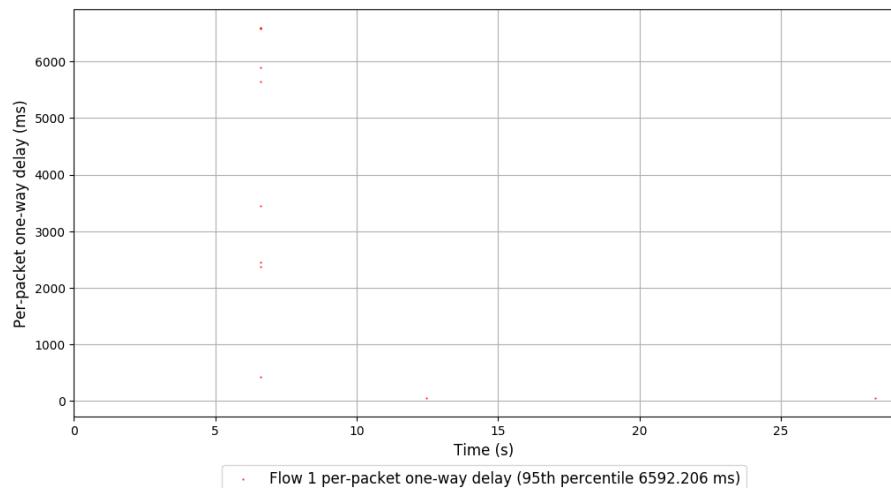
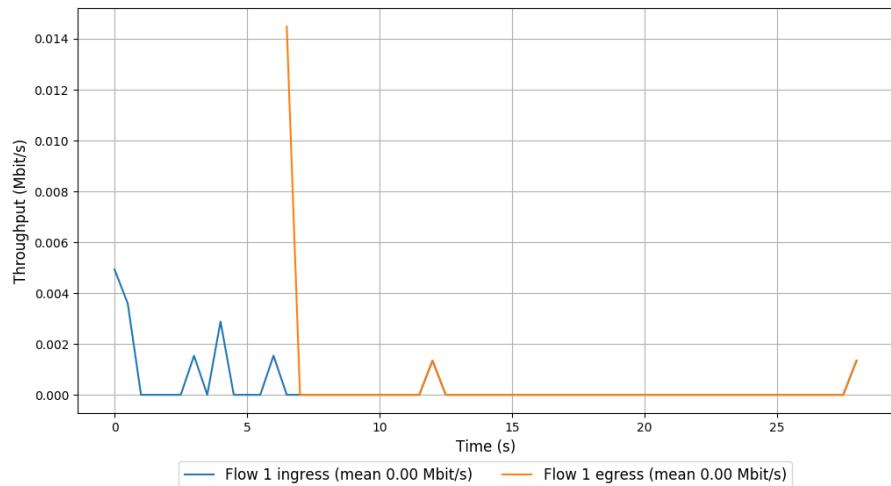
Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 21:05:02 +0000
End at: Mon, 19 Jun 2017 21:05:32 +0000
Local clock offset: -0.609 ms
Remote clock offset: 0.259 ms

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 21:24:42 +0000
End at: Mon, 19 Jun 2017 21:25:12 +0000
Local clock offset: -1.557 ms
Remote clock offset: 0.099 ms

Run 2: Report of TCP Cubic — Data Link

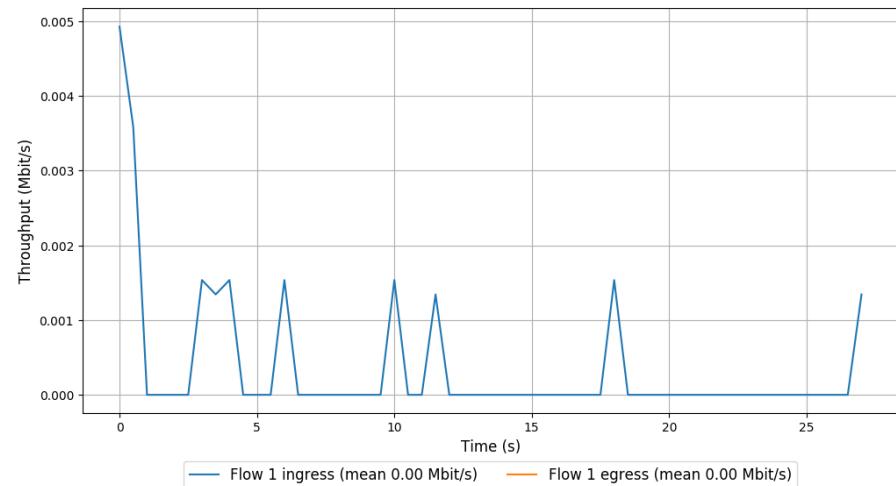
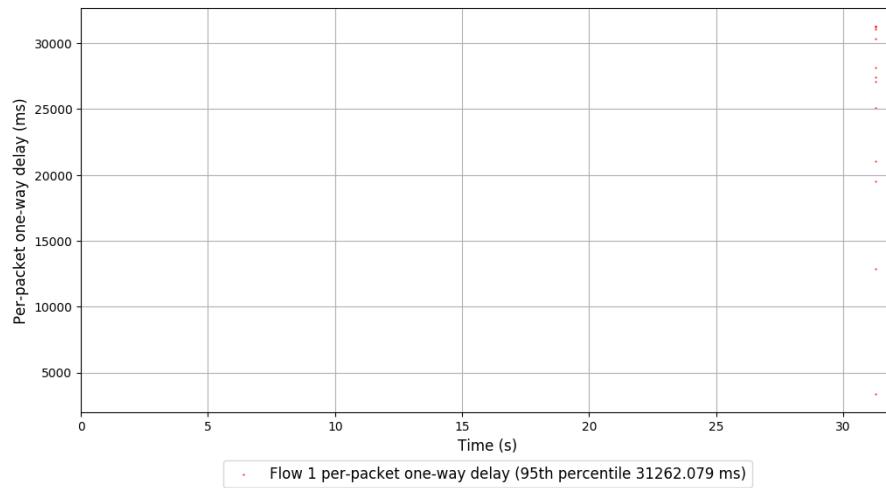
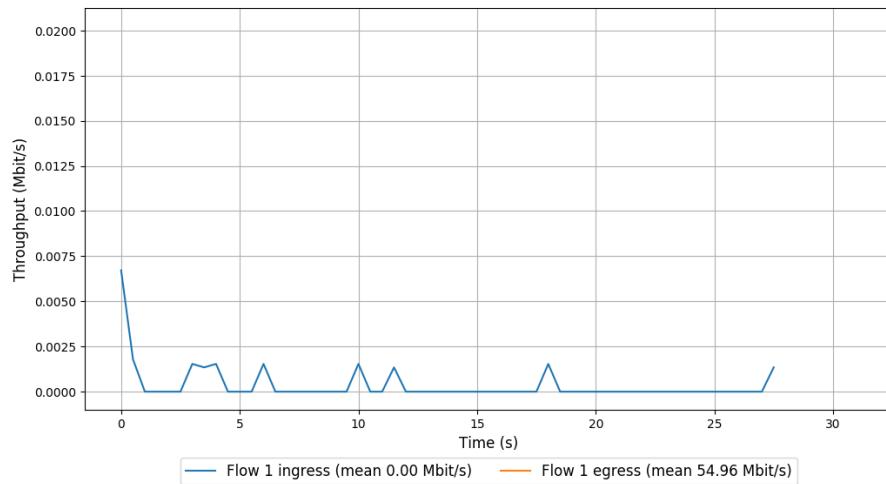


Figure is missing

Run 3: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 21:44:22 +0000
End at: Mon, 19 Jun 2017 21:44:52 +0000
Local clock offset: -1.632 ms
Remote clock offset: -1.731 ms

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 22:04:00 +0000
End at: Mon, 19 Jun 2017 22:04:30 +0000
Local clock offset: -0.962 ms
Remote clock offset: -1.614 ms

Run 4: Report of TCP Cubic — Data Link

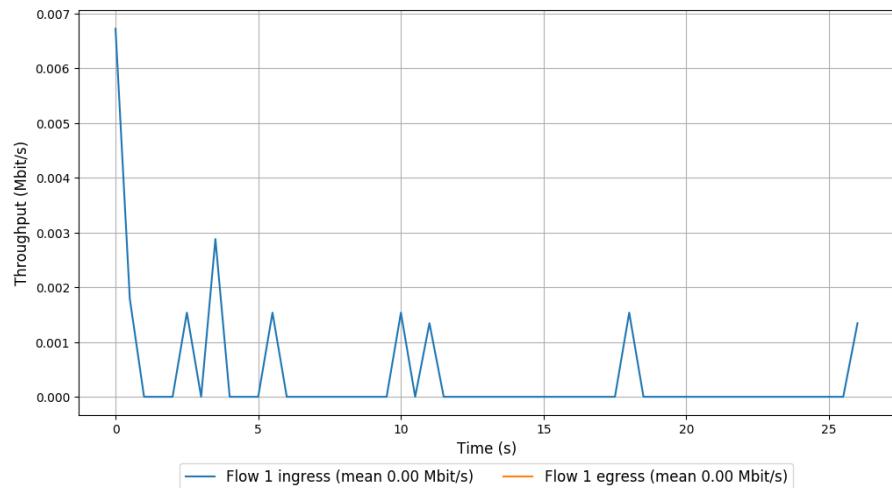
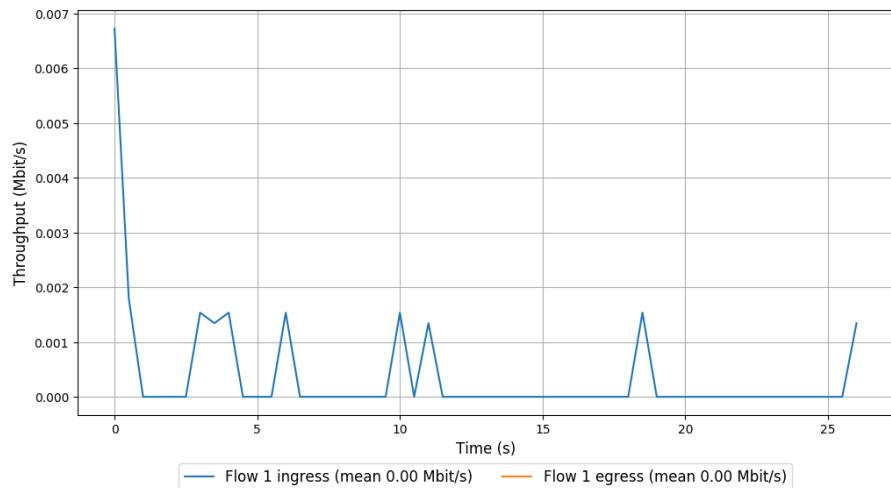


Figure is missing

Run 5: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 22:23:34 +0000
End at: Mon, 19 Jun 2017 22:24:04 +0000
Local clock offset: -0.402 ms
Remote clock offset: -2.084 ms

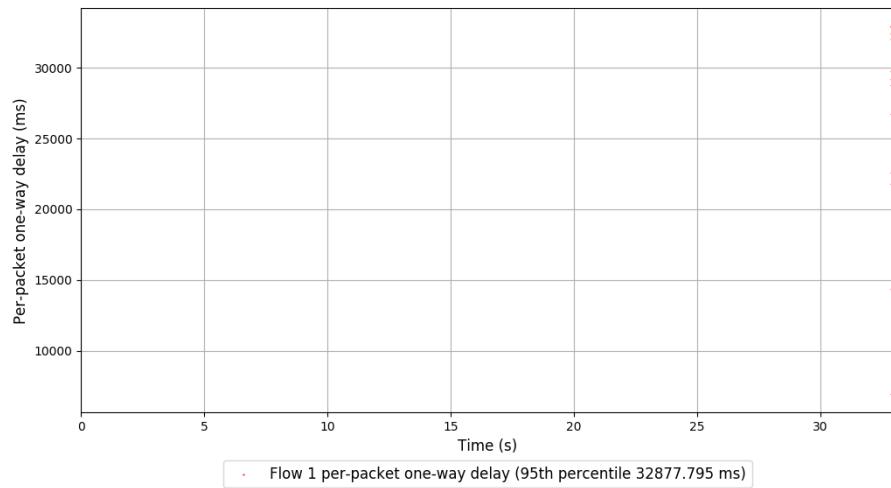
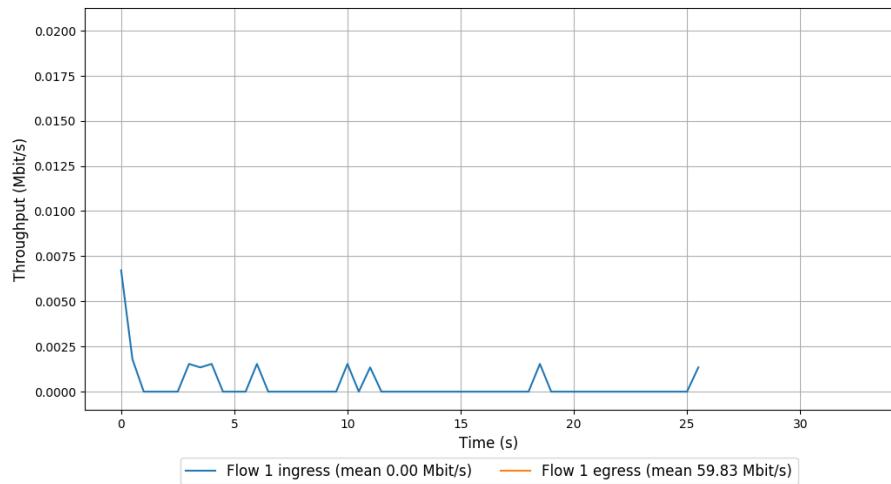
Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 22:43:09 +0000
End at: Mon, 19 Jun 2017 22:43:39 +0000
Local clock offset: 0.309 ms
Remote clock offset: -0.656 ms

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 23:02:52 +0000

End at: Mon, 19 Jun 2017 23:03:22 +0000

Local clock offset: 0.653 ms

Remote clock offset: -3.169 ms

Run 7: Report of TCP Cubic — Data Link

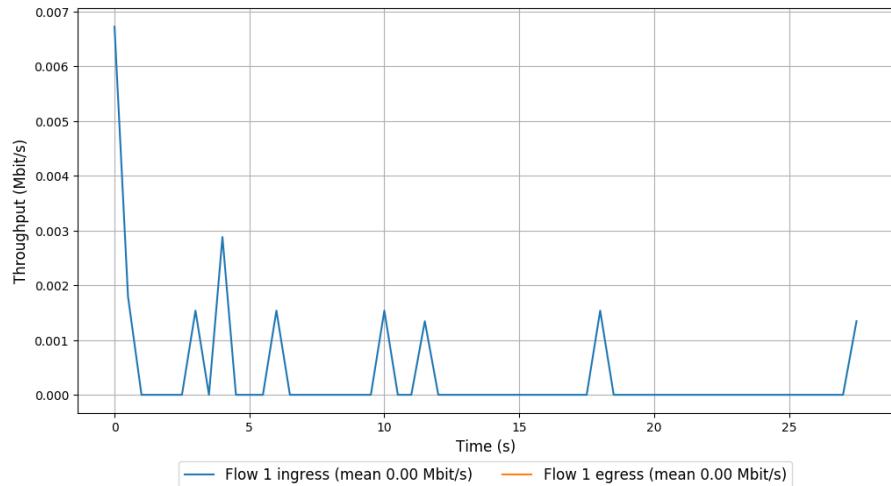
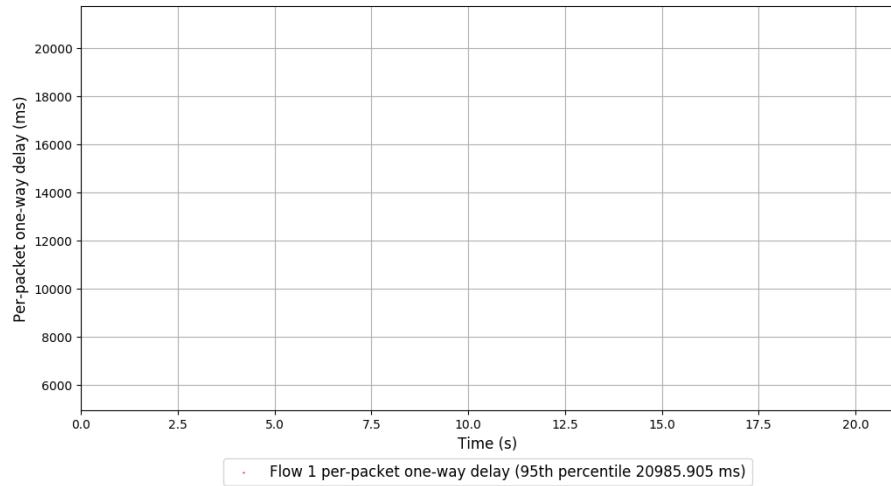
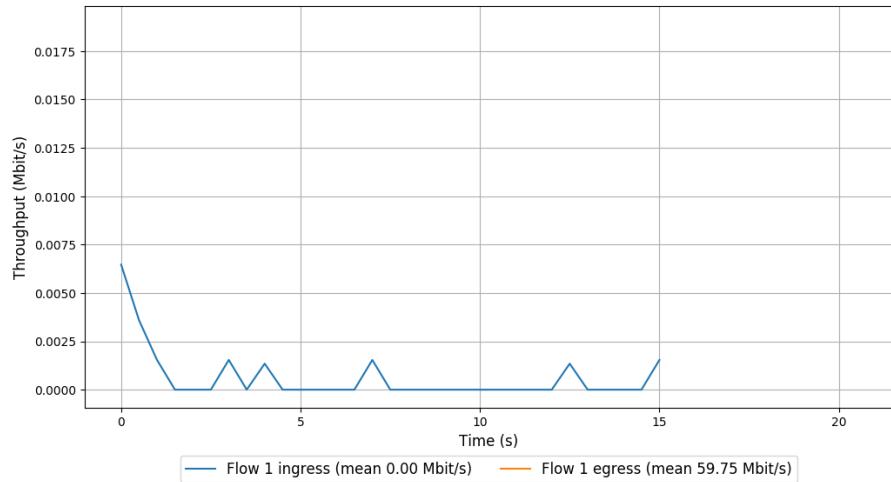


Figure is missing

Run 8: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 23:22:30 +0000
End at: Mon, 19 Jun 2017 23:23:01 +0000
Local clock offset: 1.079 ms
Remote clock offset: -0.617 ms

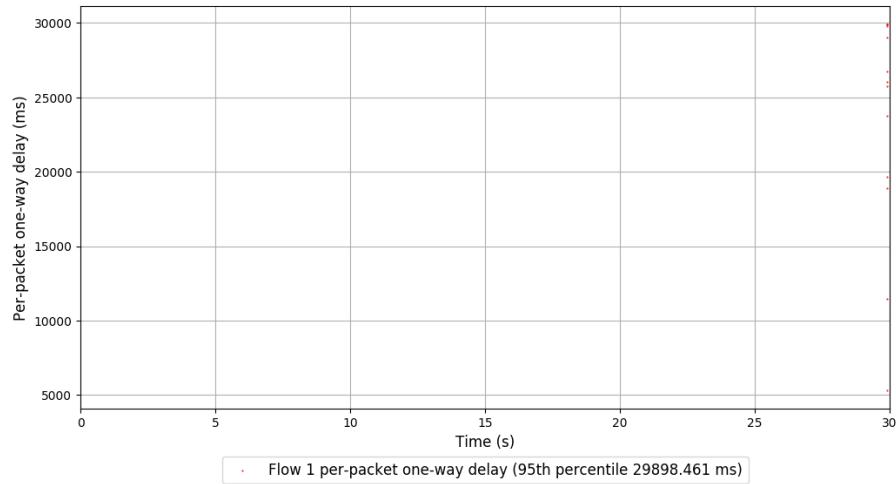
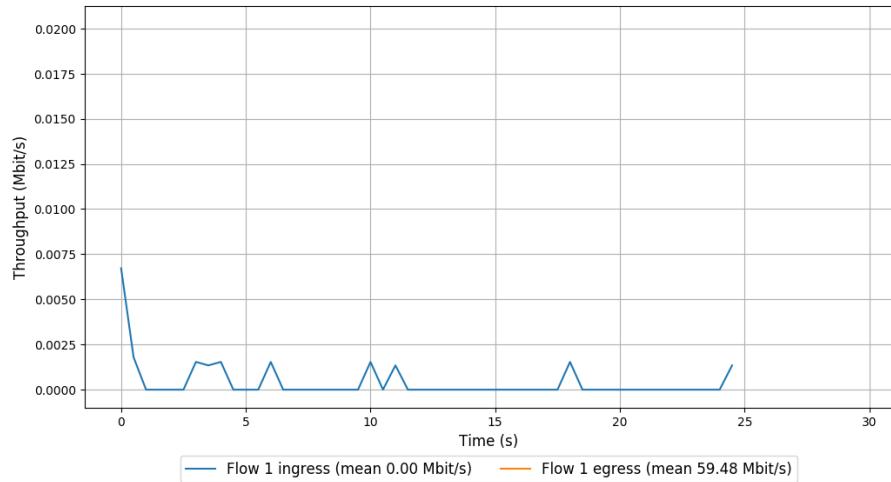
Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 23:42:09 +0000
End at: Mon, 19 Jun 2017 23:42:39 +0000
Local clock offset: 1.466 ms
Remote clock offset: -1.078 ms

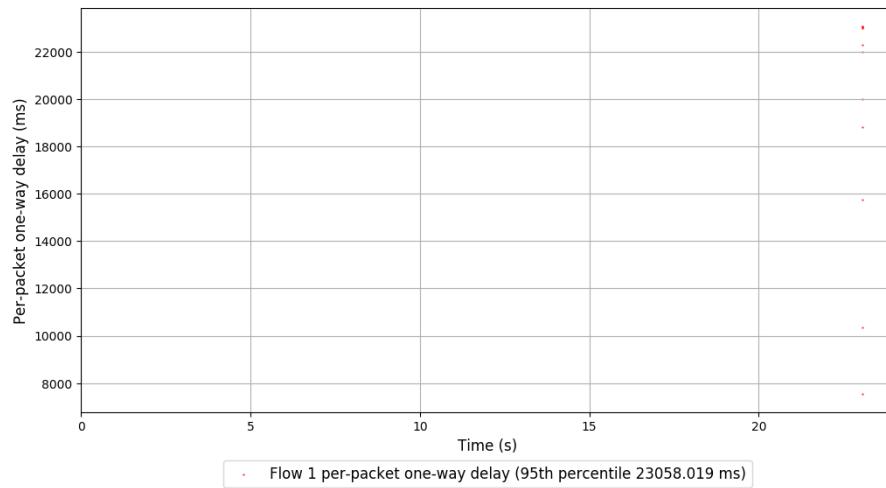
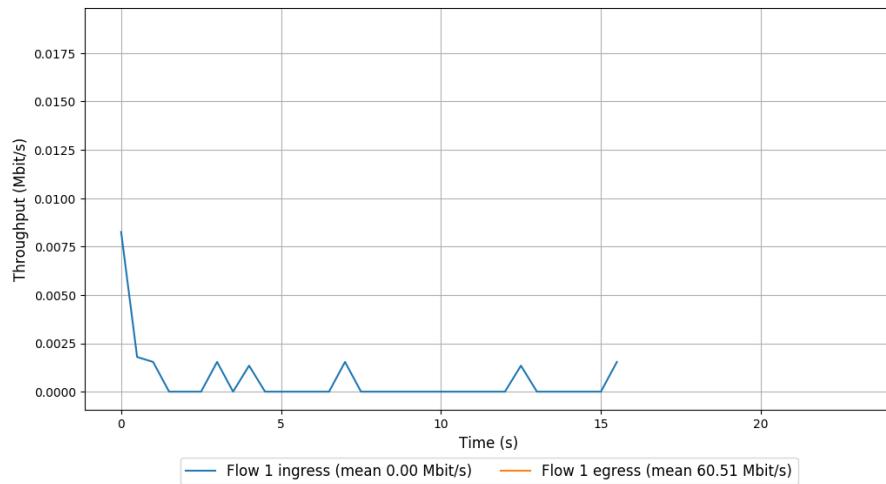
Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 00:01:44 +0000
End at: Tue, 20 Jun 2017 00:02:14 +0000
Local clock offset: 1.547 ms
Remote clock offset: -3.112 ms

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Mon, 19 Jun 2017 20:54:35 +0000
```

```
End at: Mon, 19 Jun 2017 20:55:05 +0000
```

```
Local clock offset: -0.249 ms
```

```
Remote clock offset: -2.236 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:36 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 12.09 Mbit/s
```

```
95th percentile per-packet one-way delay: 54.511 ms
```

```
Loss rate: 0.18%
```

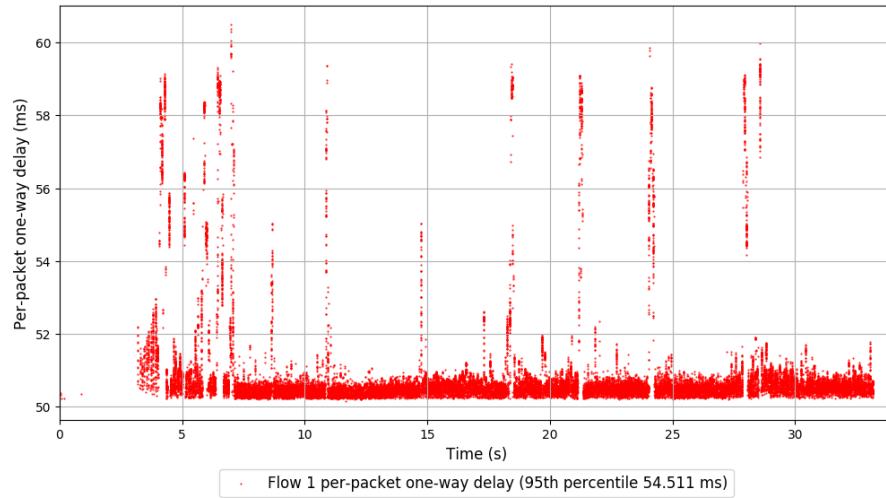
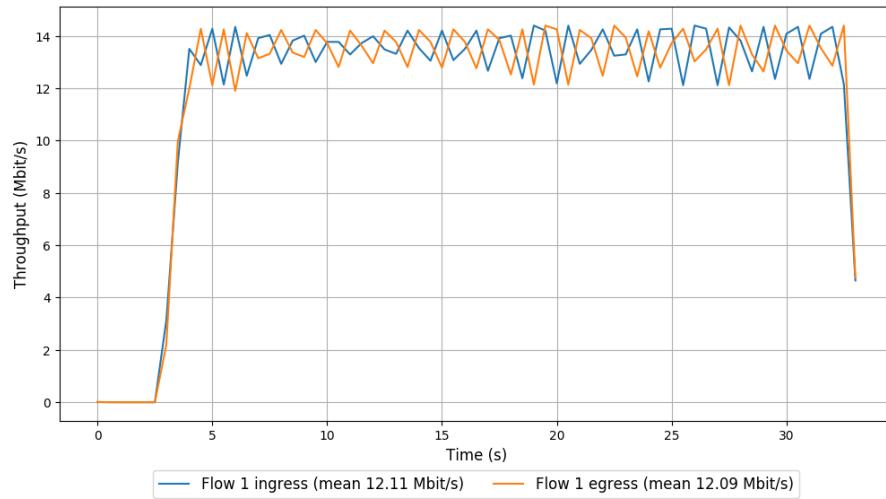
```
-- Flow 1:
```

```
Average throughput: 12.09 Mbit/s
```

```
95th percentile per-packet one-way delay: 54.511 ms
```

```
Loss rate: 0.18%
```

Run 1: Report of KohoCC — Data Link

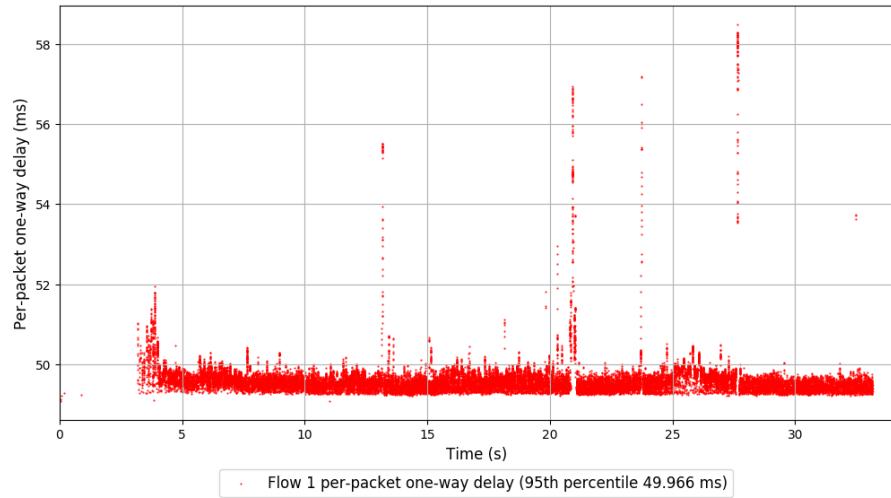
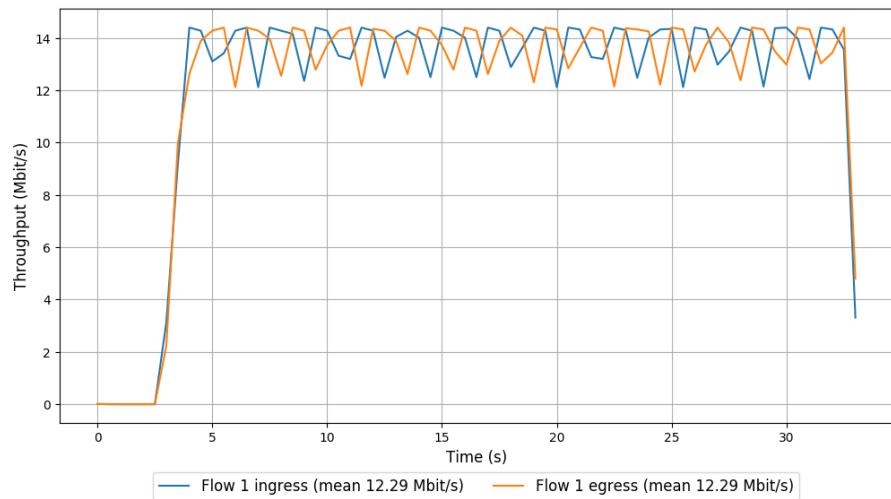


Run 2: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:14:10 +0000
End at: Mon, 19 Jun 2017 21:14:40 +0000
Local clock offset: -1.086 ms
Remote clock offset: -2.131 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 49.966 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 49.966 ms
Loss rate: 0.02%
```

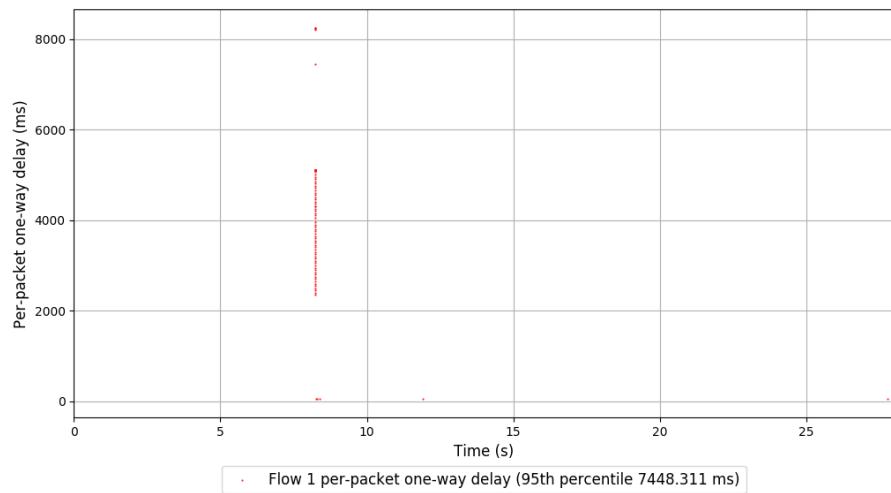
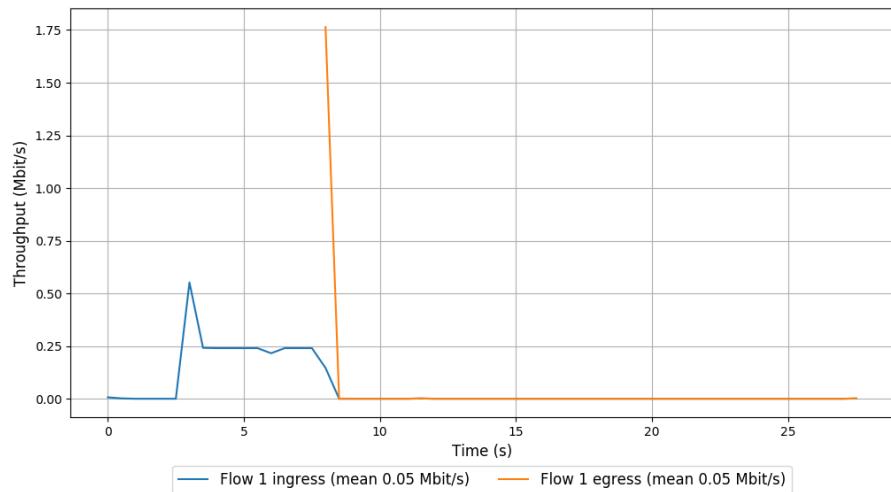
Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 21:33:52 +0000
End at: Mon, 19 Jun 2017 21:34:22 +0000
Local clock offset: -1.879 ms
Remote clock offset: -1.791 ms

Run 3: Report of KohoCC — Data Link

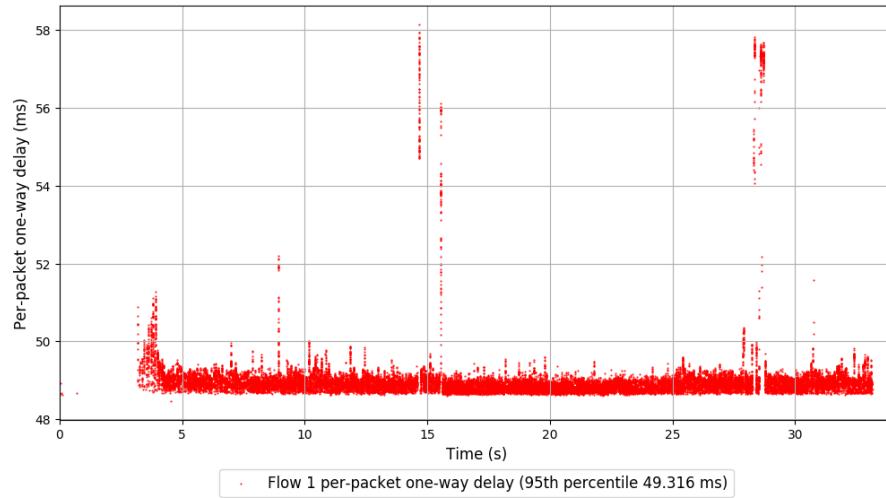
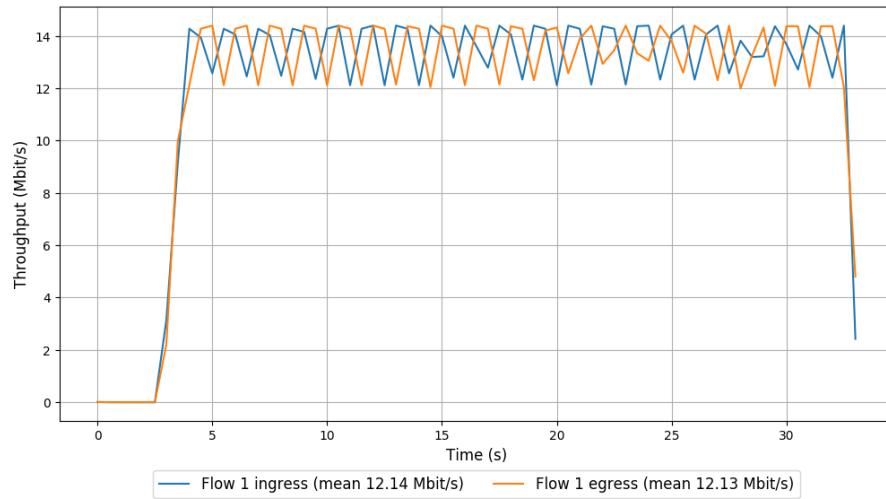


Run 4: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:53:31 +0000
End at: Mon, 19 Jun 2017 21:54:01 +0000
Local clock offset: -1.347 ms
Remote clock offset: -1.666 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 49.316 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 49.316 ms
Loss rate: 0.15%
```

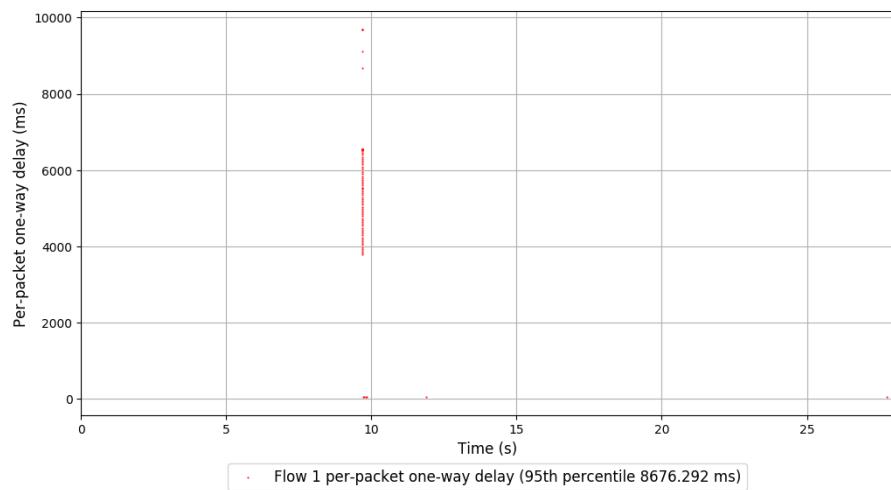
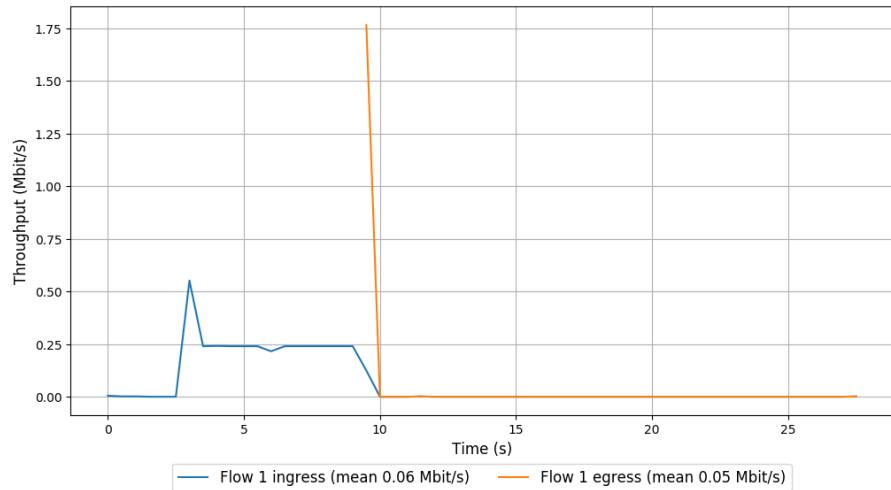
Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 22:13:08 +0000
End at: Mon, 19 Jun 2017 22:13:38 +0000
Local clock offset: -0.7 ms
Remote clock offset: 0.38 ms

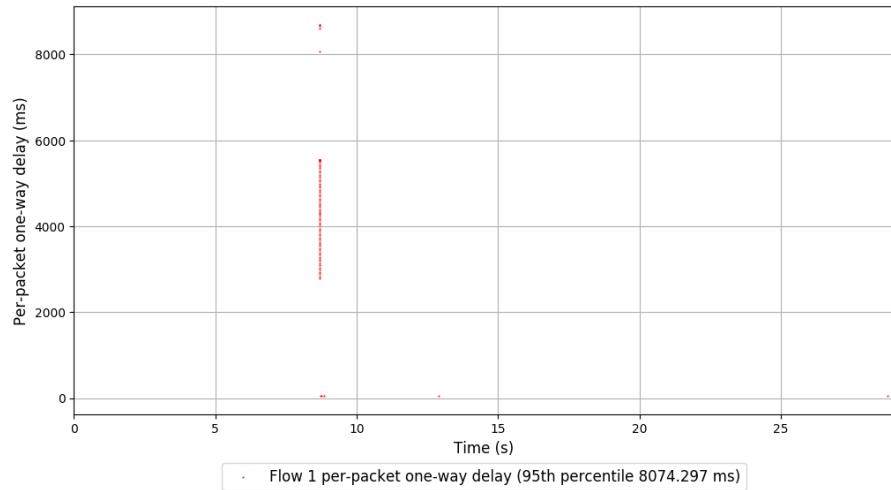
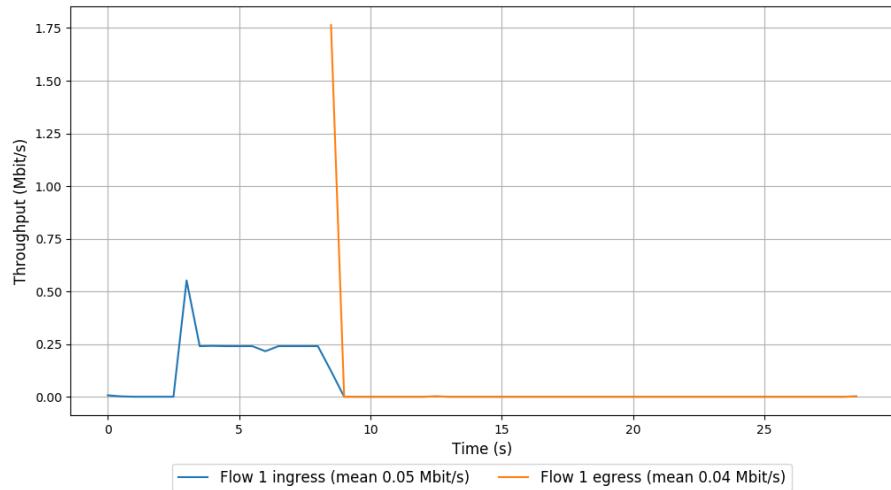
Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 22:32:40 +0000
End at: Mon, 19 Jun 2017 22:33:10 +0000
Local clock offset: -0.061 ms
Remote clock offset: 0.318 ms

Run 6: Report of KohoCC — Data Link

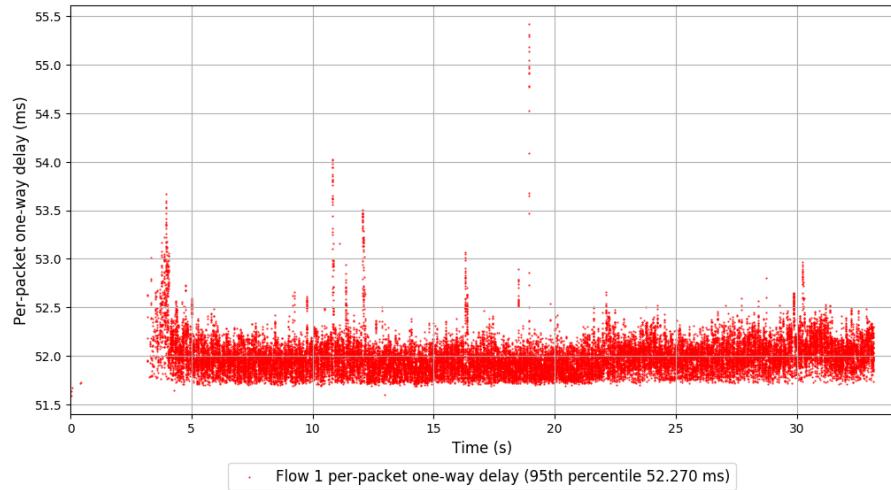
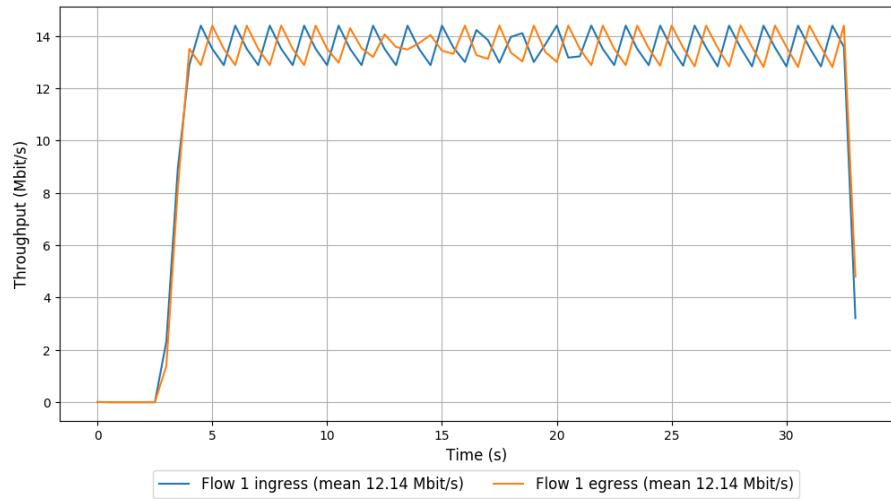


Run 7: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:52:19 +0000
End at: Mon, 19 Jun 2017 22:52:49 +0000
Local clock offset: 0.452 ms
Remote clock offset: -0.981 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 52.270 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 52.270 ms
Loss rate: 0.03%
```

Run 7: Report of KohoCC — Data Link

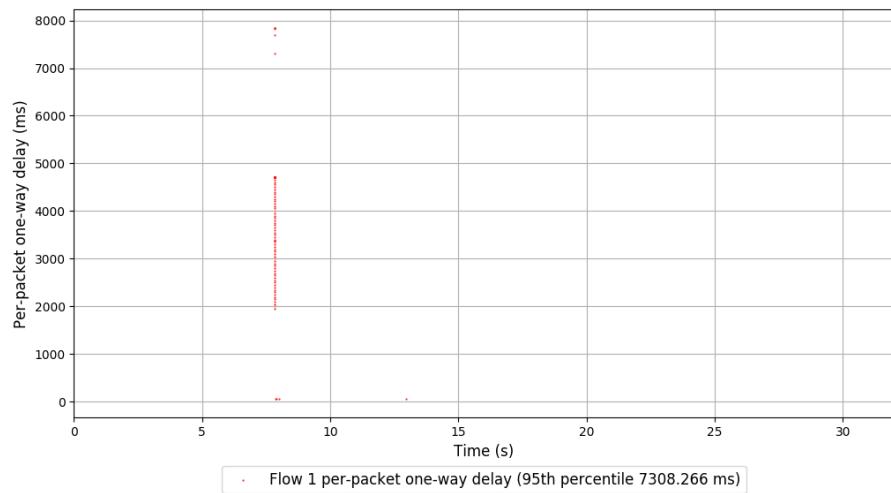
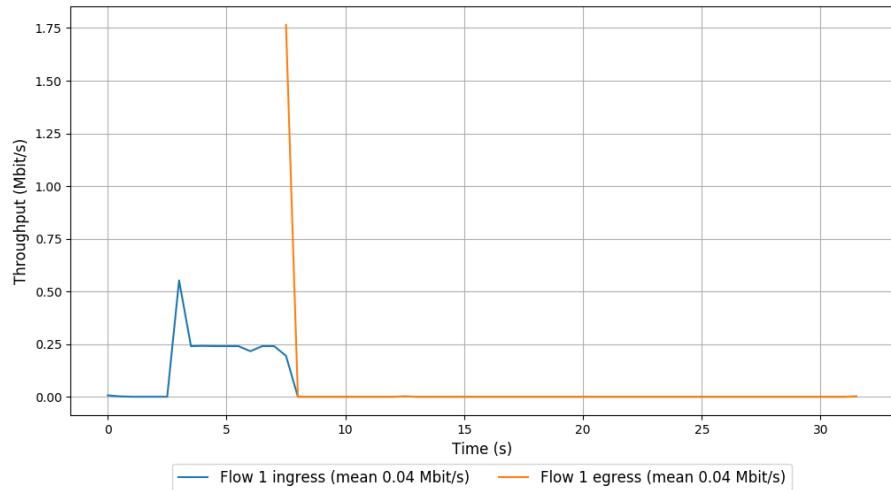


Run 8: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:12:02 +0000
End at: Mon, 19 Jun 2017 23:12:32 +0000
Local clock offset: 0.848 ms
Remote clock offset: -0.621 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 7308.266 ms
Loss rate: 33.45%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 7308.266 ms
Loss rate: 33.45%
```

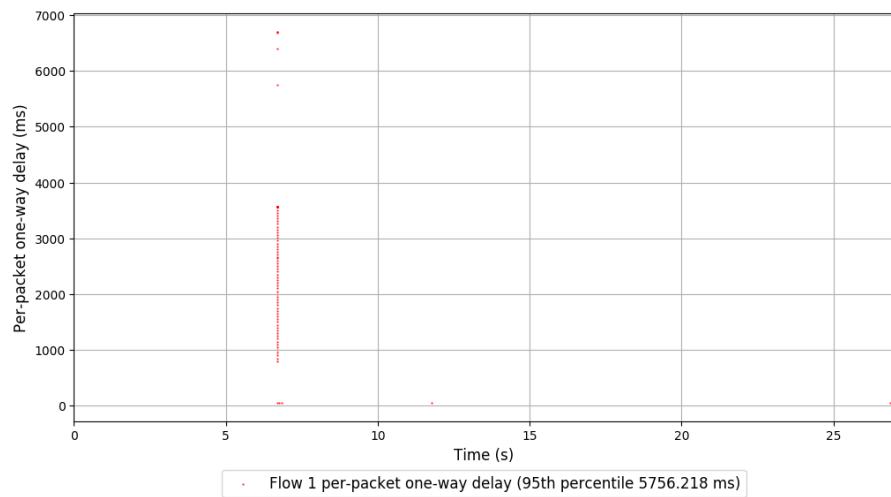
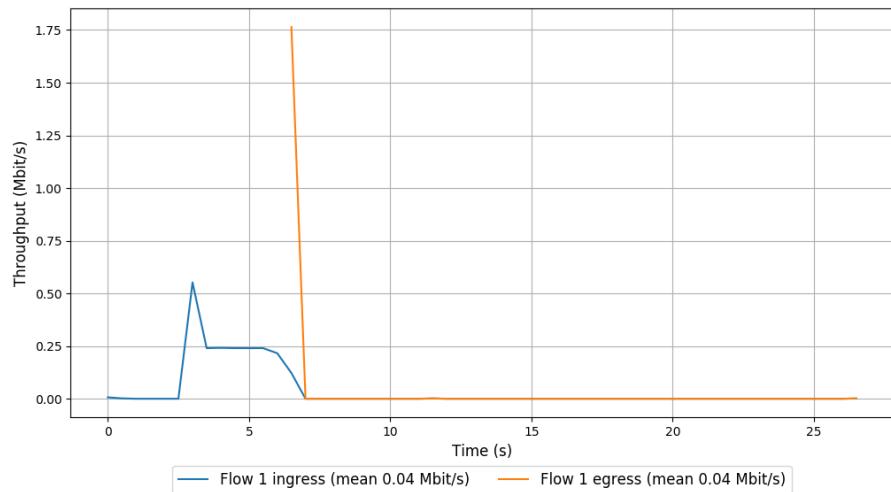
Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 23:31:39 +0000
End at: Mon, 19 Jun 2017 23:32:09 +0000
Local clock offset: 1.235 ms
Remote clock offset: -0.669 ms

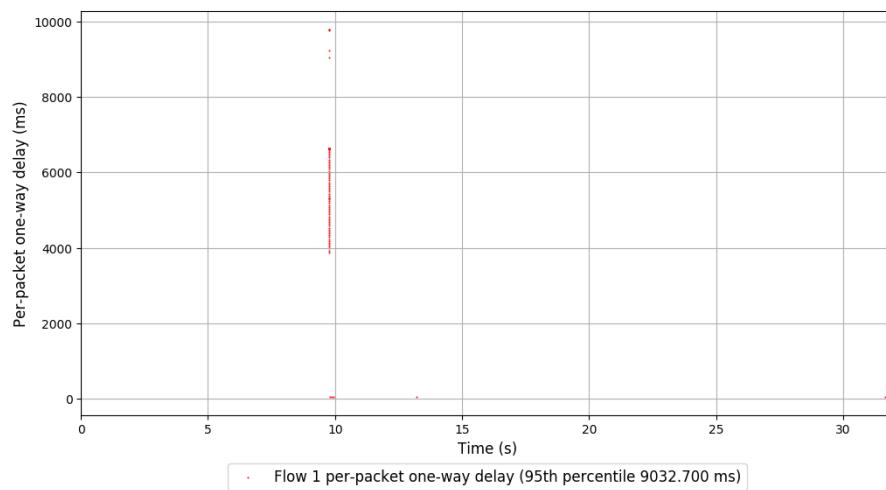
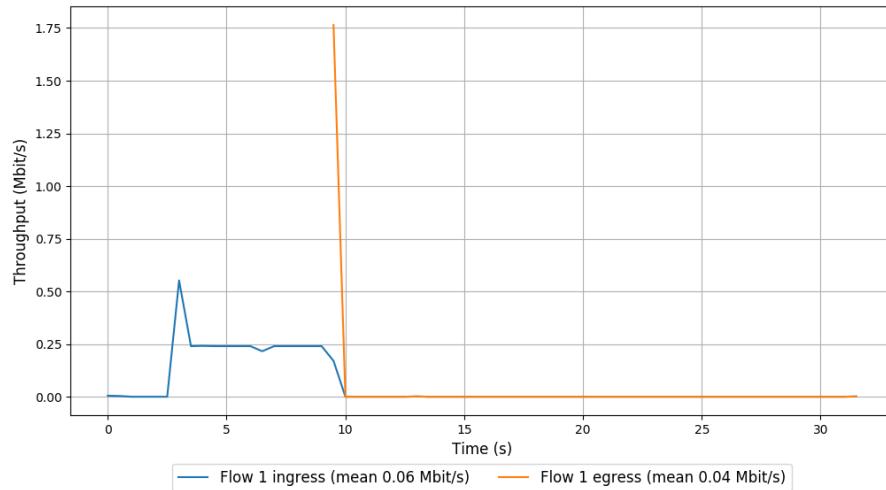
Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 23:51:15 +0000
End at: Mon, 19 Jun 2017 23:51:45 +0000
Local clock offset: 1.563 ms
Remote clock offset: -0.575 ms

Run 10: Report of KohoCC — Data Link

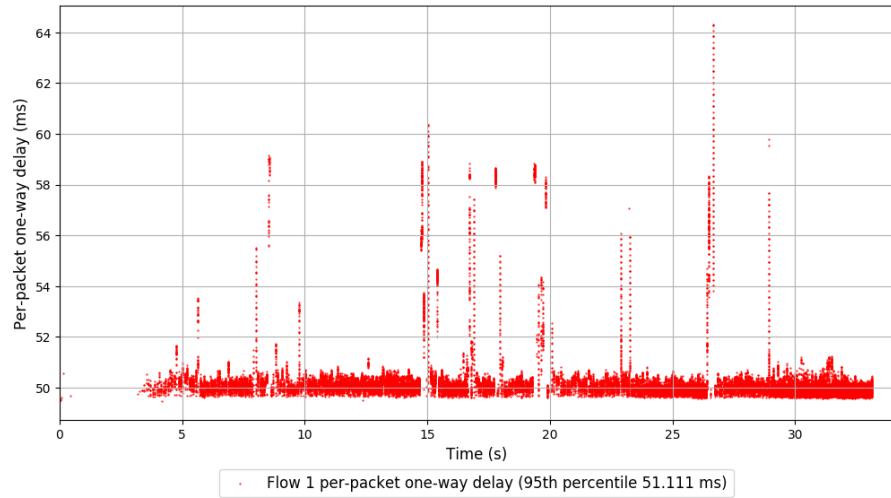
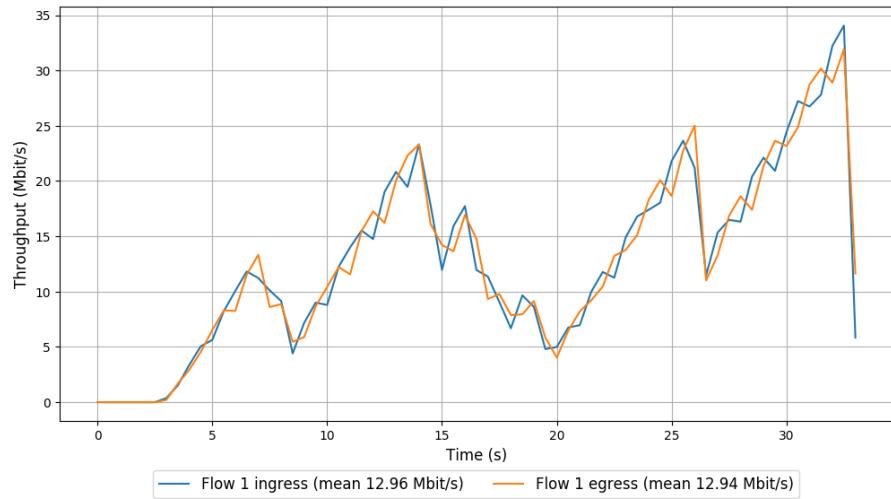


```
Run 1: Statistics of LEDBAT
```

```
Start at: Mon, 19 Jun 2017 21:07:34 +0000
End at: Mon, 19 Jun 2017 21:08:04 +0000
Local clock offset: -0.751 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 51.111 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 51.111 ms
Loss rate: 0.18%
```

Run 1: Report of LEDBAT — Data Link

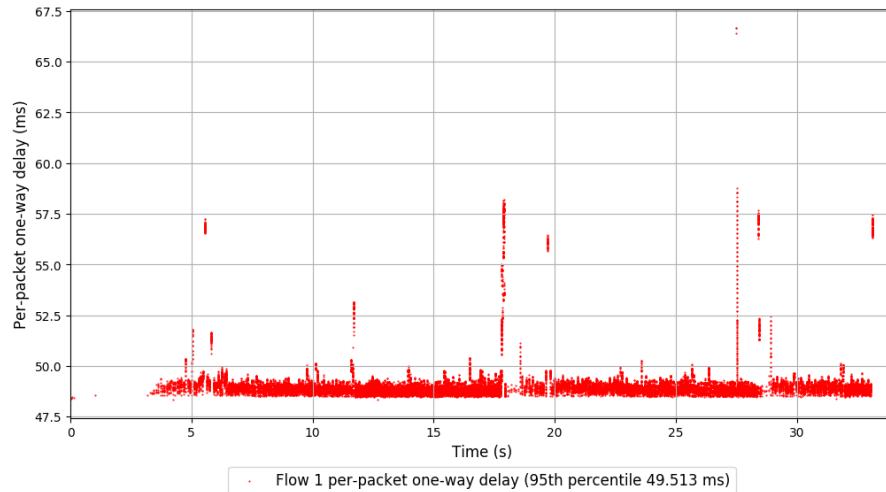
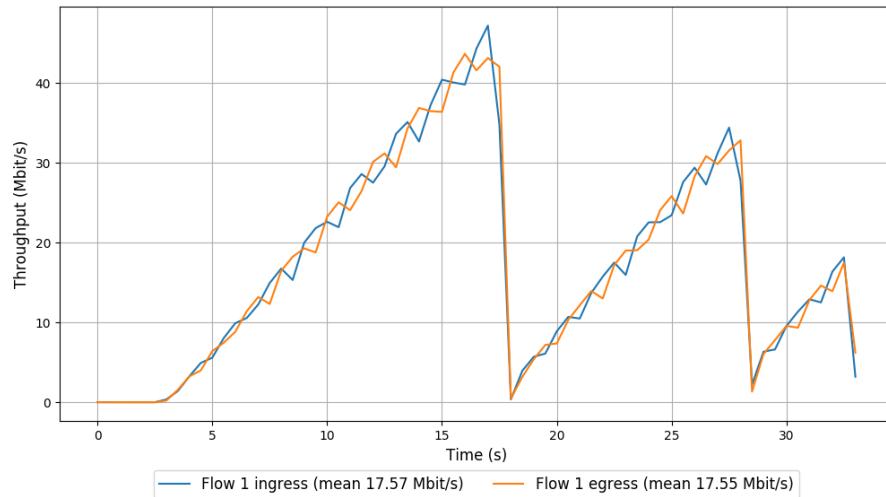


Run 2: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:27:15 +0000
End at: Mon, 19 Jun 2017 21:27:45 +0000
Local clock offset: -1.653 ms
Remote clock offset: -2.006 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 49.513 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 49.513 ms
Loss rate: 0.12%
```

Run 2: Report of LEDBAT — Data Link

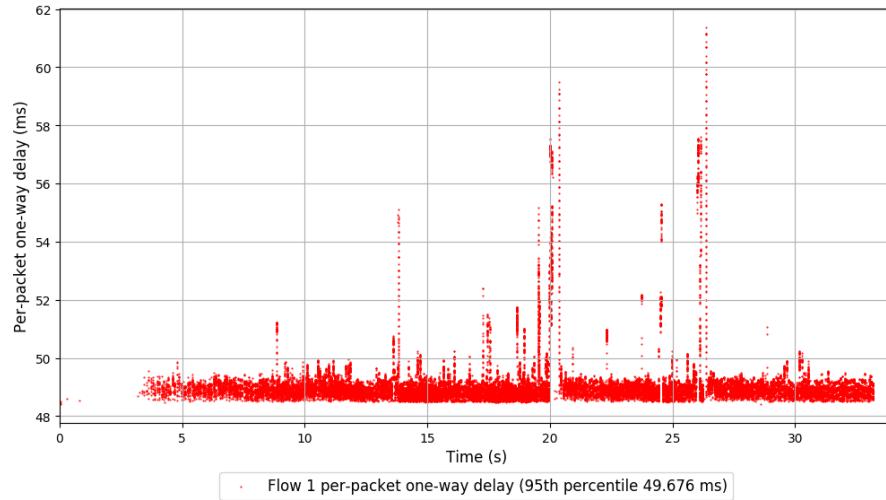
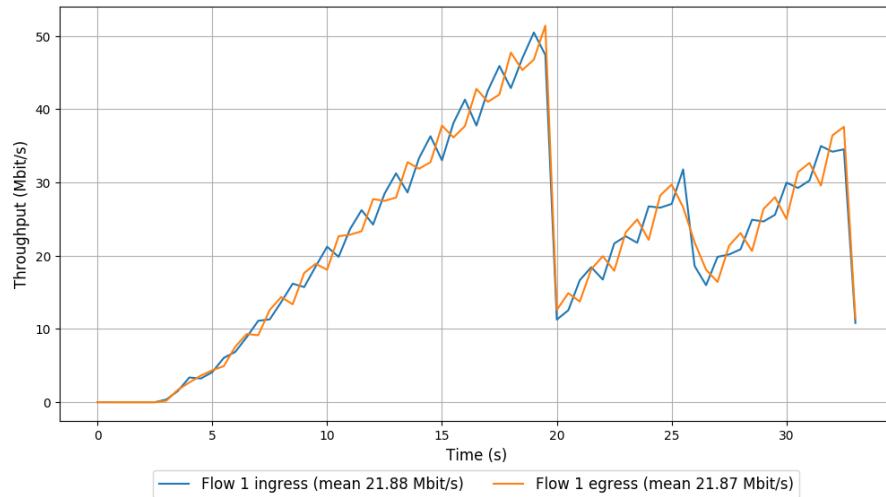


Run 3: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:46:54 +0000
End at: Mon, 19 Jun 2017 21:47:24 +0000
Local clock offset: -1.498 ms
Remote clock offset: 0.828 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 49.676 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 49.676 ms
Loss rate: 0.02%
```

Run 3: Report of LEDBAT — Data Link

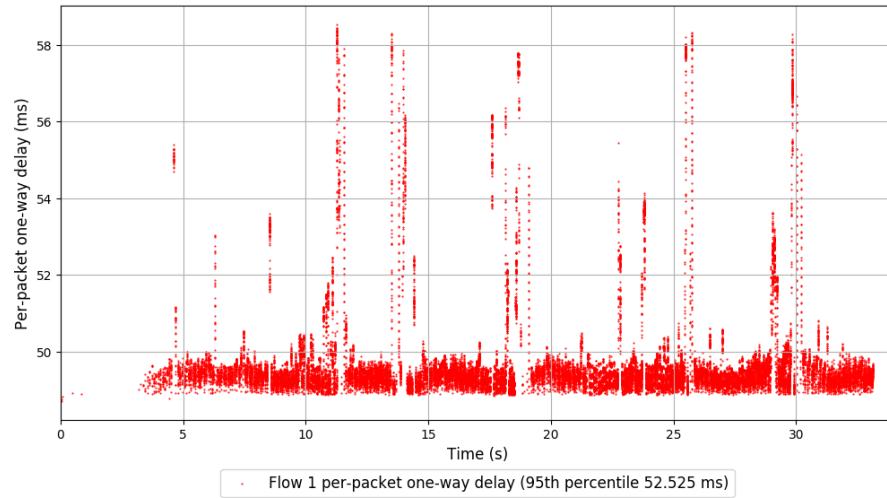
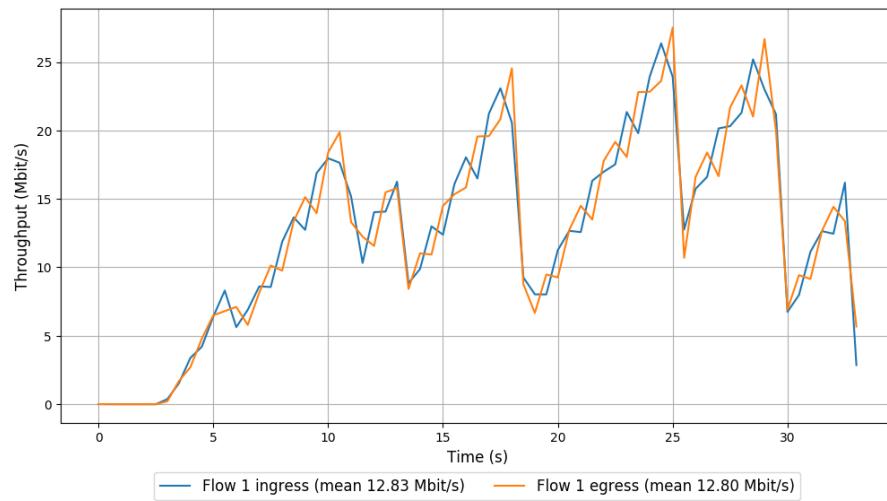


Run 4: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:06:33 +0000
End at: Mon, 19 Jun 2017 22:07:03 +0000
Local clock offset: -0.902 ms
Remote clock offset: -1.457 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 52.525 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 52.525 ms
Loss rate: 0.21%
```

Run 4: Report of LEDBAT — Data Link

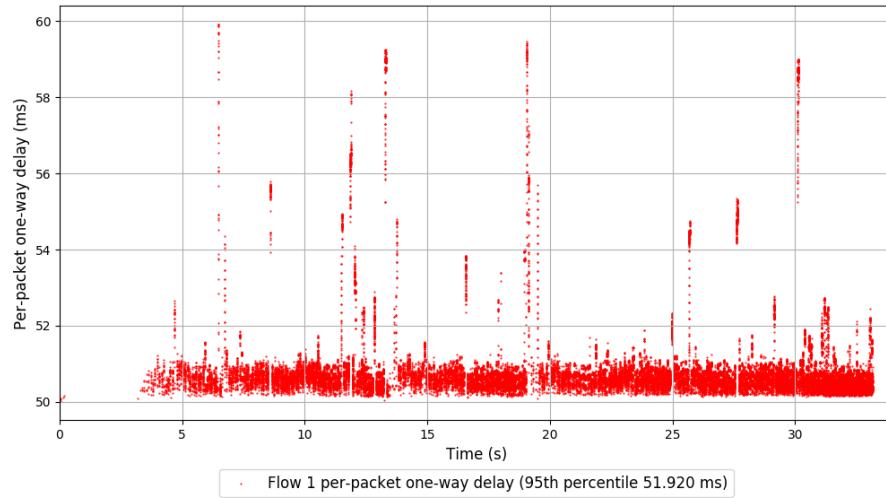
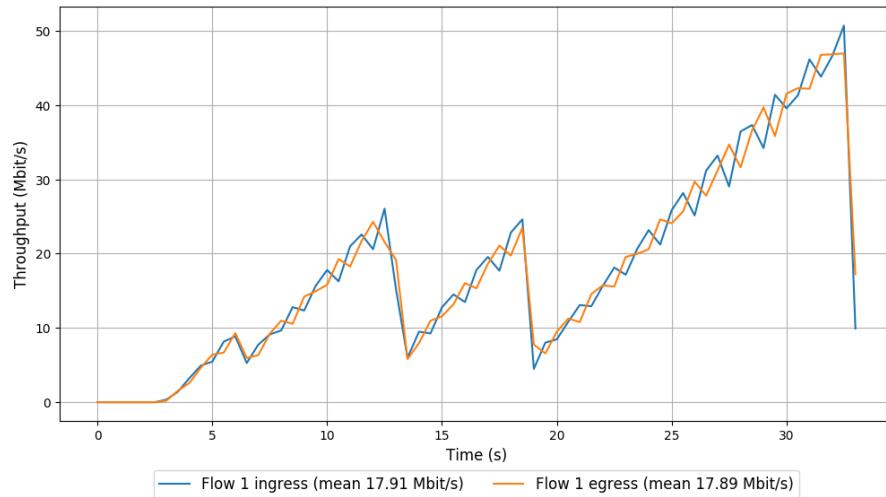


Run 5: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:26:06 +0000
End at: Mon, 19 Jun 2017 22:26:36 +0000
Local clock offset: -0.336 ms
Remote clock offset: 0.392 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.89 Mbit/s
95th percentile per-packet one-way delay: 51.920 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 17.89 Mbit/s
95th percentile per-packet one-way delay: 51.920 ms
Loss rate: 0.15%
```

Run 5: Report of LEDBAT — Data Link

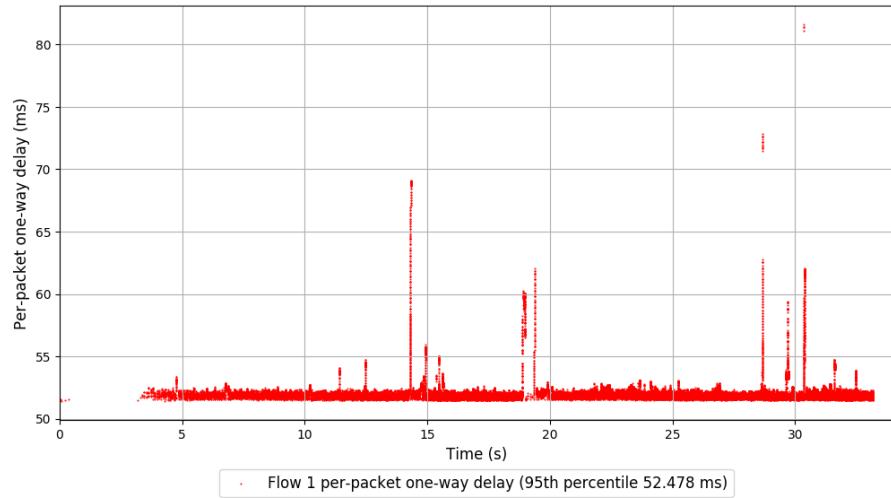
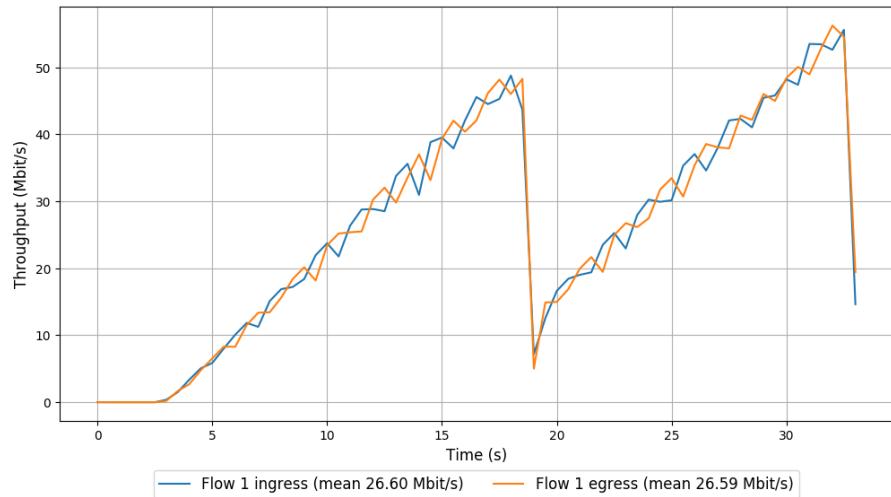


Run 6: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:45:41 +0000
End at: Mon, 19 Jun 2017 22:46:11 +0000
Local clock offset: 0.268 ms
Remote clock offset: -0.329 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.59 Mbit/s
95th percentile per-packet one-way delay: 52.478 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 26.59 Mbit/s
95th percentile per-packet one-way delay: 52.478 ms
Loss rate: 0.02%
```

Run 6: Report of LEDBAT — Data Link

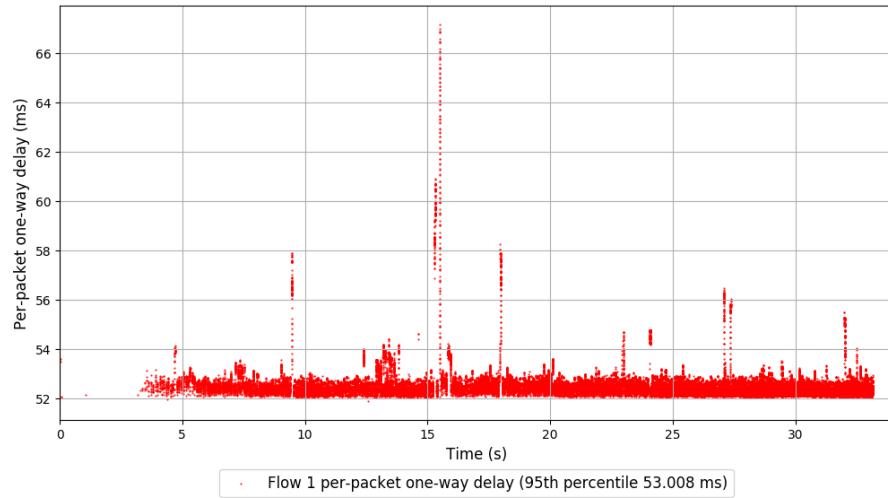
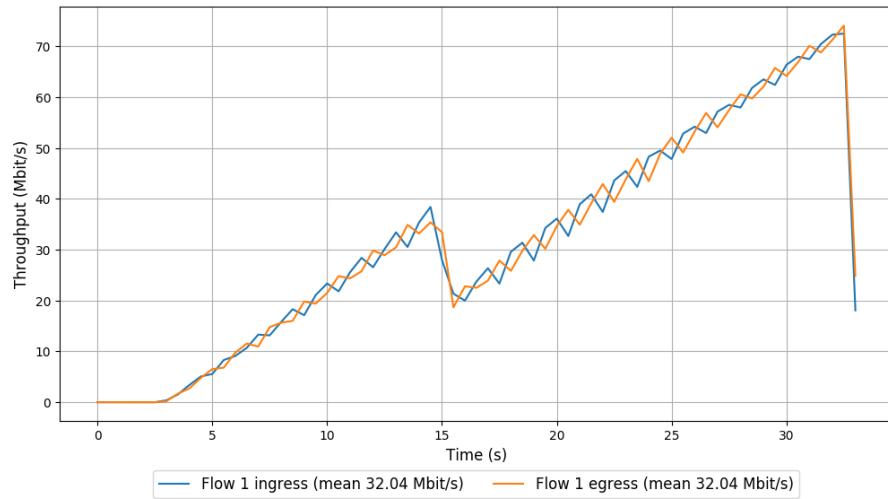


Run 7: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:05:24 +0000
End at: Mon, 19 Jun 2017 23:05:55 +0000
Local clock offset: 0.567 ms
Remote clock offset: -0.598 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 53.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 53.008 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

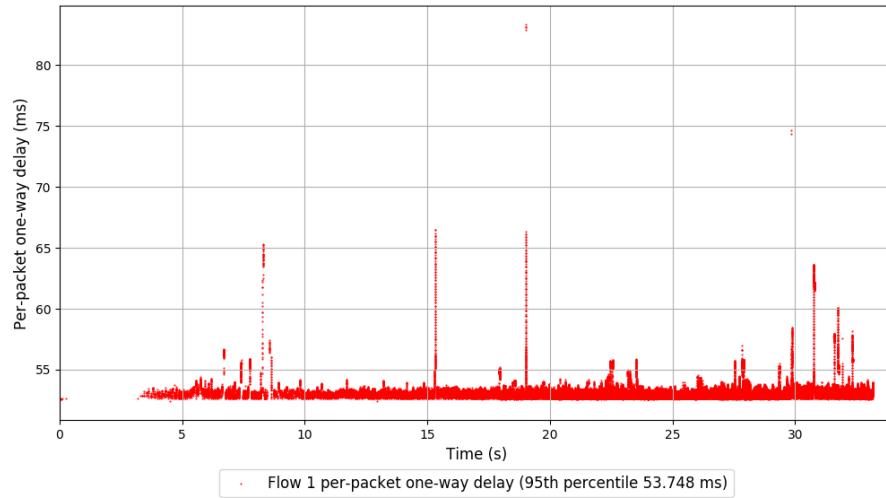
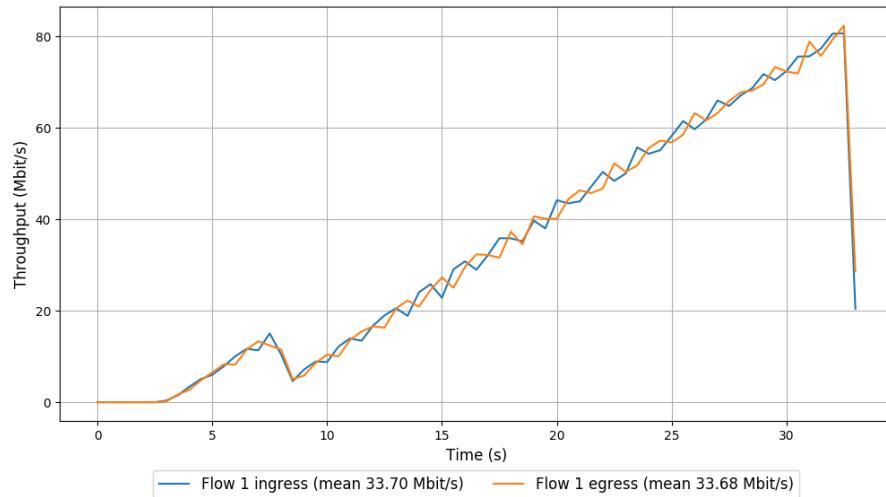


Run 8: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:25:03 +0000
End at: Mon, 19 Jun 2017 23:25:33 +0000
Local clock offset: 1.058 ms
Remote clock offset: -1.178 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 53.748 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 53.748 ms
Loss rate: 0.05%
```

Run 8: Report of LEDBAT — Data Link

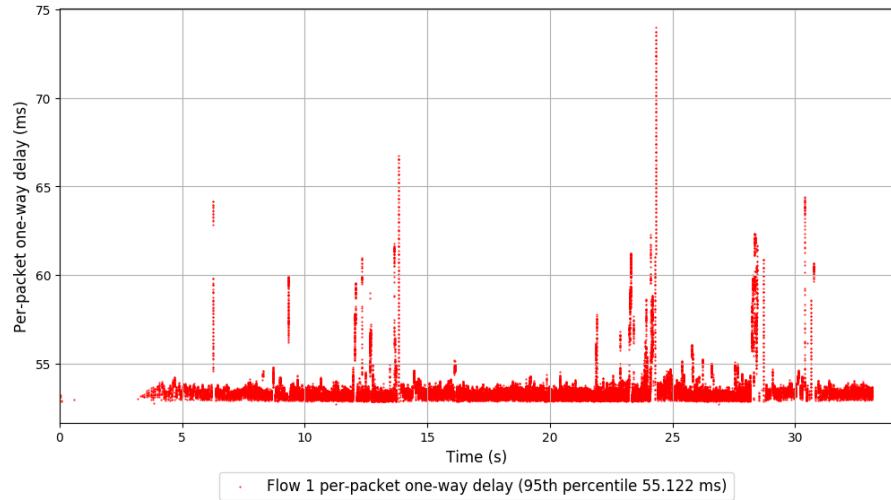
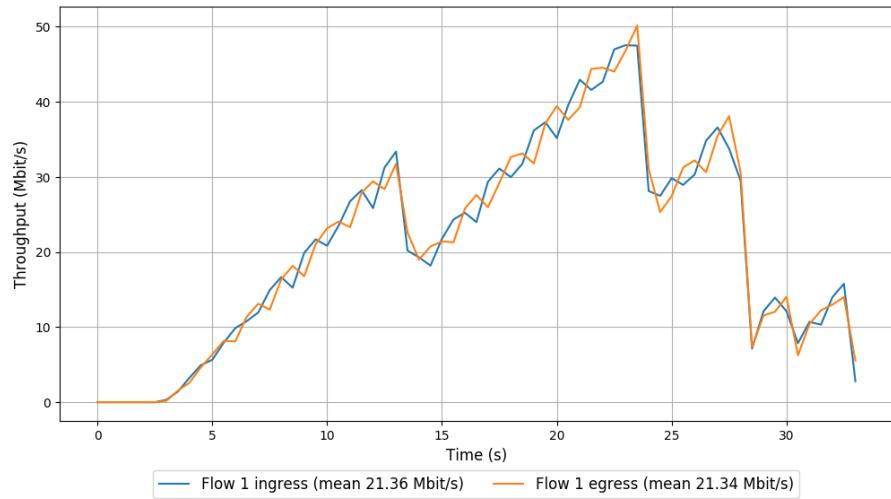


Run 9: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:44:41 +0000
End at: Mon, 19 Jun 2017 23:45:11 +0000
Local clock offset: 1.513 ms
Remote clock offset: -1.168 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:10:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.34 Mbit/s
95th percentile per-packet one-way delay: 55.122 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 21.34 Mbit/s
95th percentile per-packet one-way delay: 55.122 ms
Loss rate: 0.09%
```

Run 9: Report of LEDBAT — Data Link

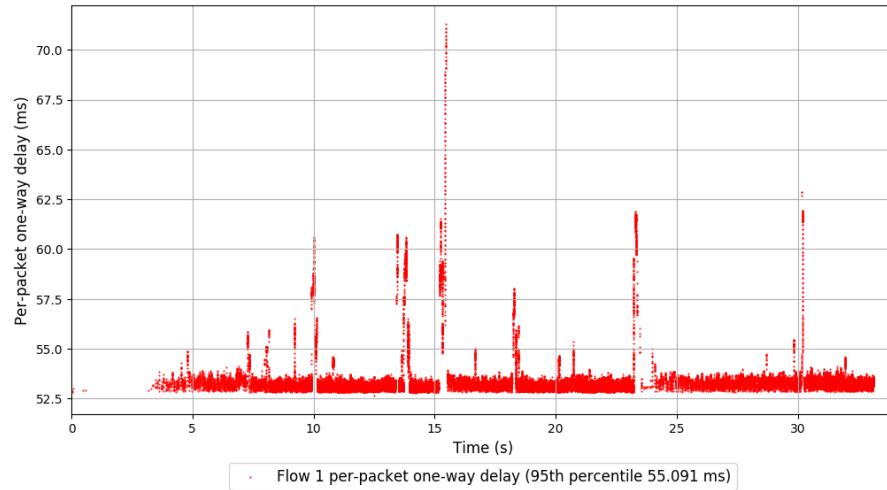
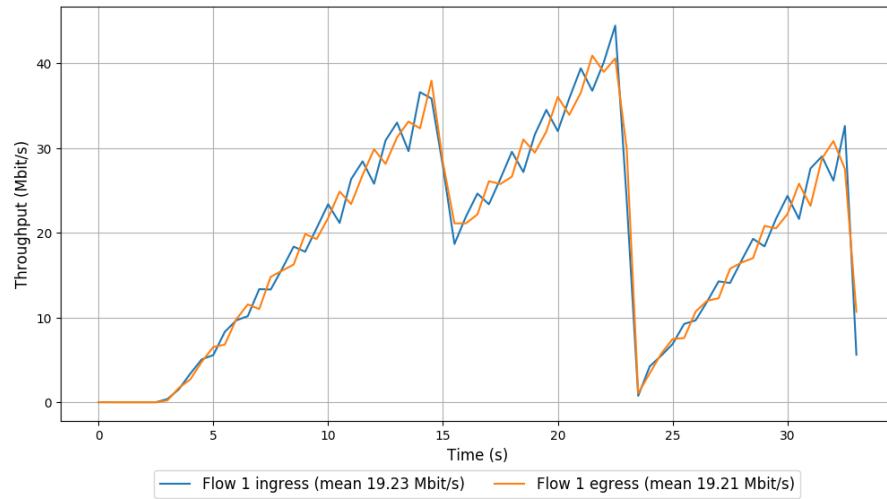


Run 10: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 00:04:16 +0000
End at: Tue, 20 Jun 2017 00:04:46 +0000
Local clock offset: 1.433 ms
Remote clock offset: -1.045 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.21 Mbit/s
95th percentile per-packet one-way delay: 55.091 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 19.21 Mbit/s
95th percentile per-packet one-way delay: 55.091 ms
Loss rate: 0.10%
```

Run 10: Report of LEDBAT — Data Link

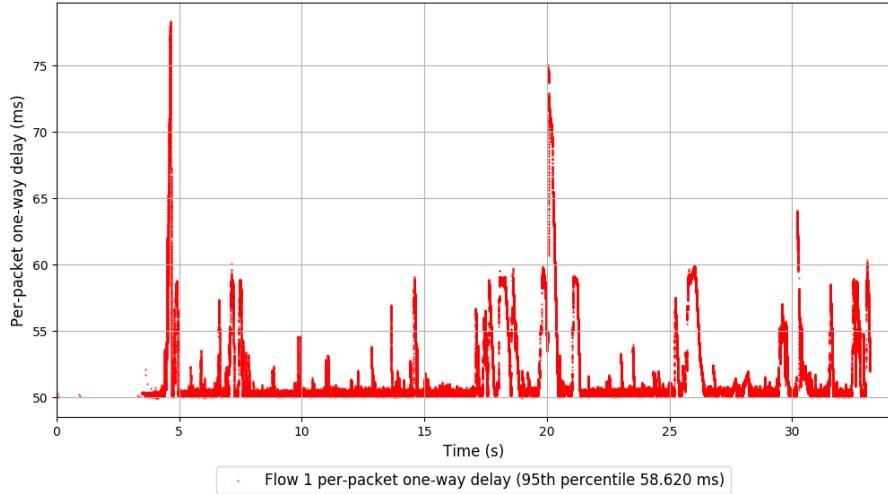
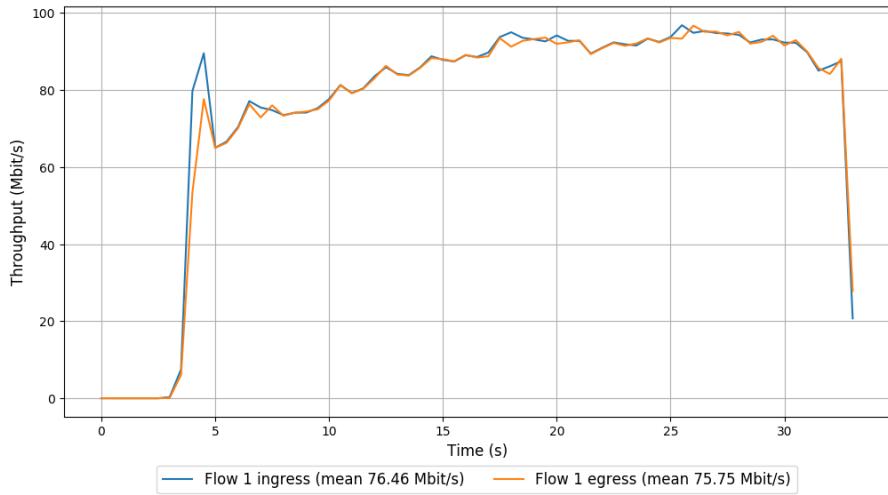


Run 1: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 20:58:30 +0000
End at: Mon, 19 Jun 2017 20:59:00 +0000
Local clock offset: -0.401 ms
Remote clock offset: -2.176 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.75 Mbit/s
95th percentile per-packet one-way delay: 58.620 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 75.75 Mbit/s
95th percentile per-packet one-way delay: 58.620 ms
Loss rate: 0.92%
```

Run 1: Report of PCC — Data Link

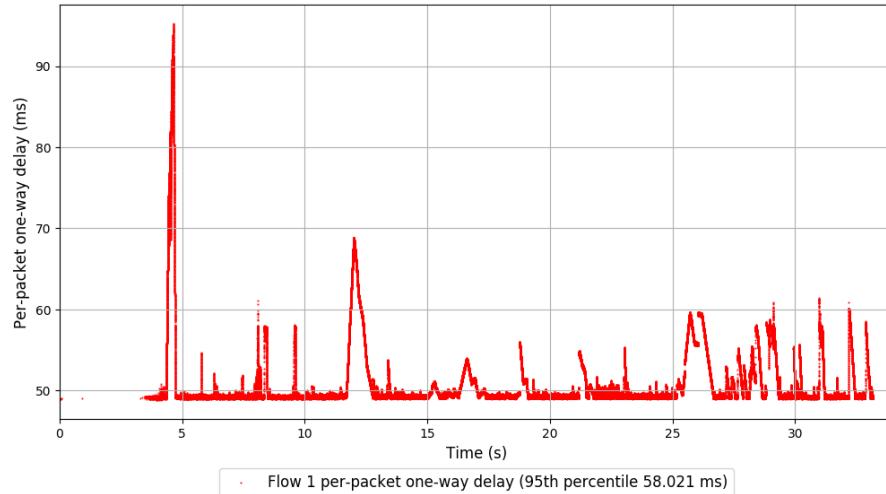
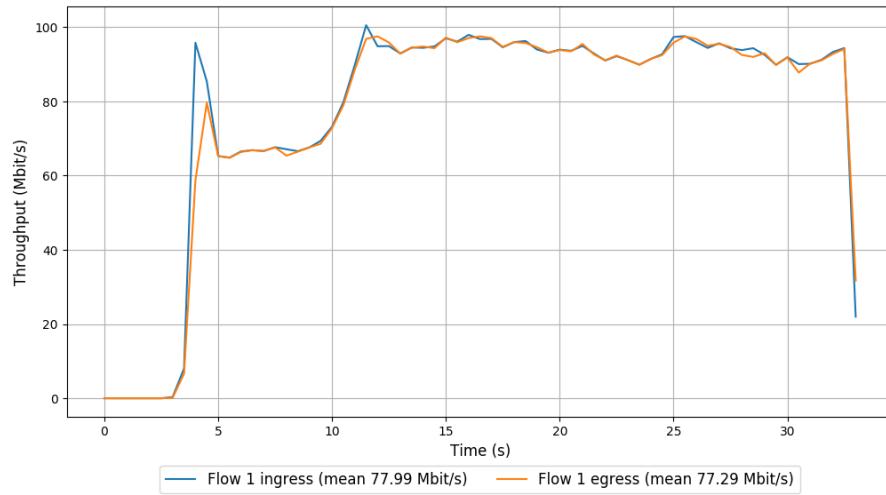


Run 2: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:18:07 +0000
End at: Mon, 19 Jun 2017 21:18:37 +0000
Local clock offset: -1.311 ms
Remote clock offset: 0.499 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 58.021 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 58.021 ms
Loss rate: 0.90%
```

Run 2: Report of PCC — Data Link

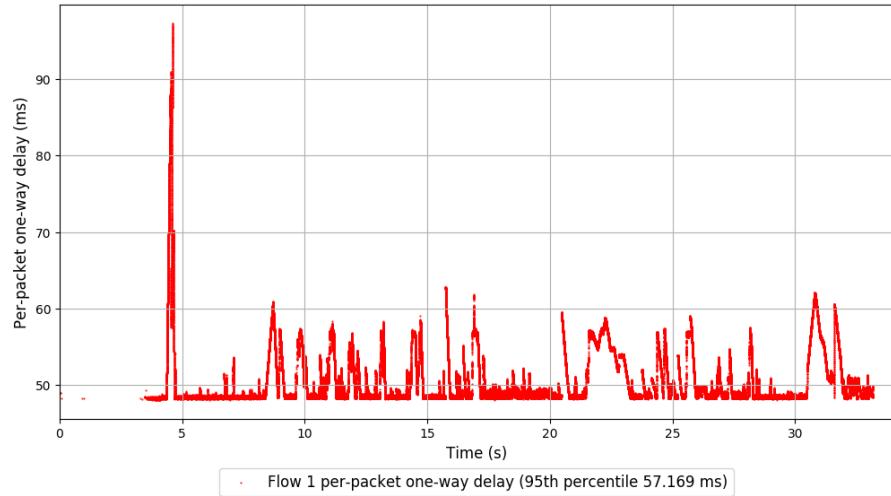
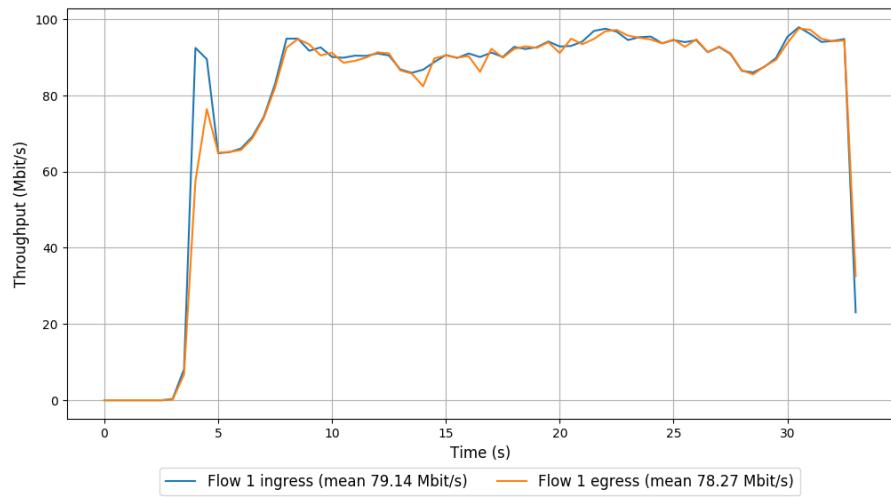


Run 3: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:37:46 +0000
End at: Mon, 19 Jun 2017 21:38:16 +0000
Local clock offset: -1.767 ms
Remote clock offset: 0.184 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.27 Mbit/s
95th percentile per-packet one-way delay: 57.169 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 78.27 Mbit/s
95th percentile per-packet one-way delay: 57.169 ms
Loss rate: 1.12%
```

Run 3: Report of PCC — Data Link

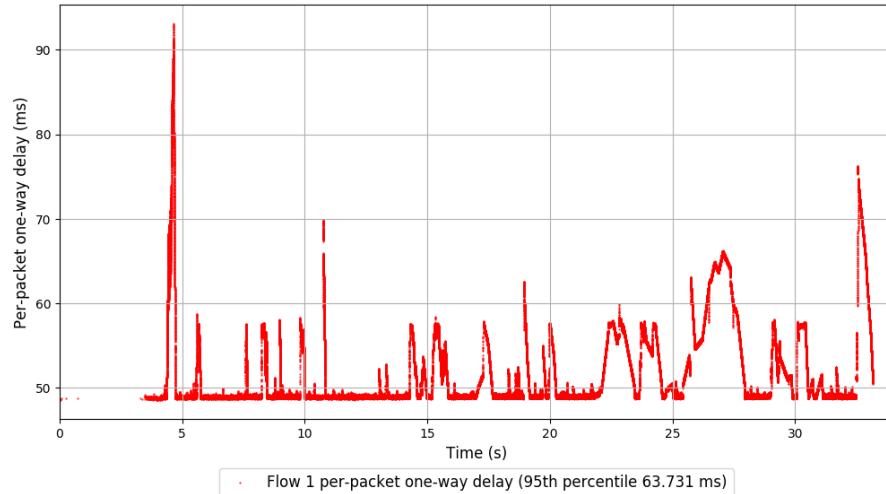
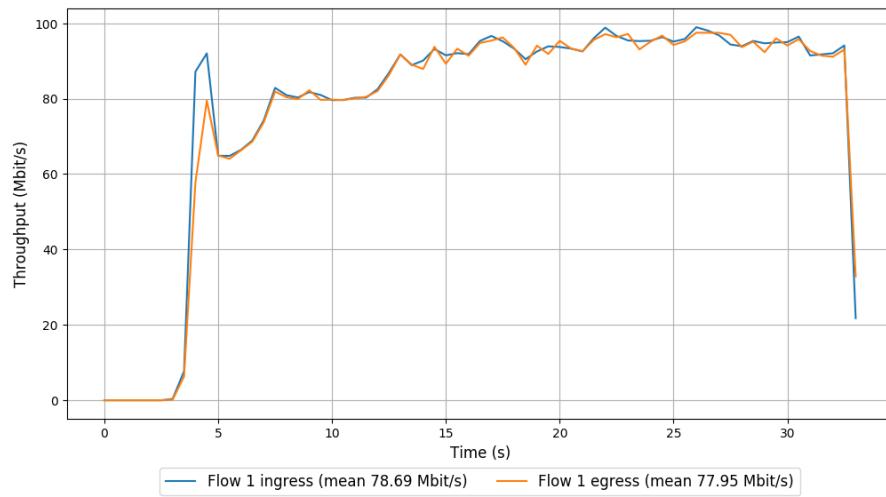


Run 4: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:57:27 +0000
End at: Mon, 19 Jun 2017 21:57:57 +0000
Local clock offset: -1.251 ms
Remote clock offset: -1.598 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 63.731 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 63.731 ms
Loss rate: 0.94%
```

Run 4: Report of PCC — Data Link

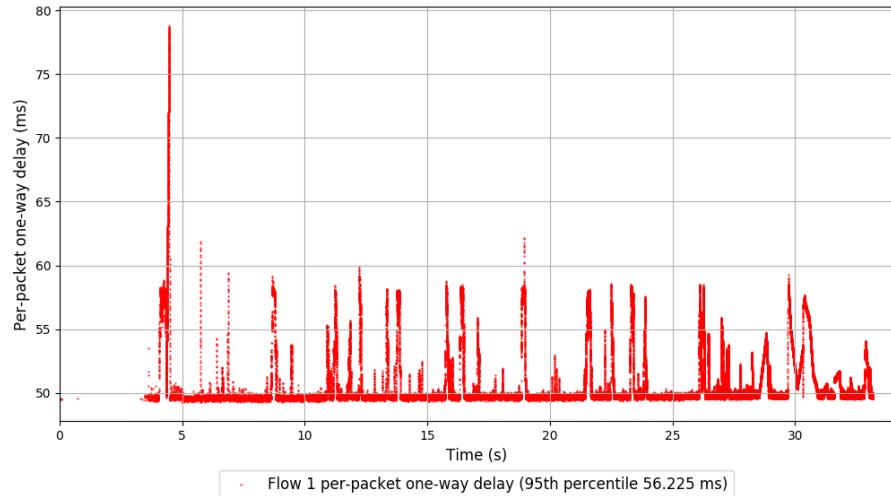
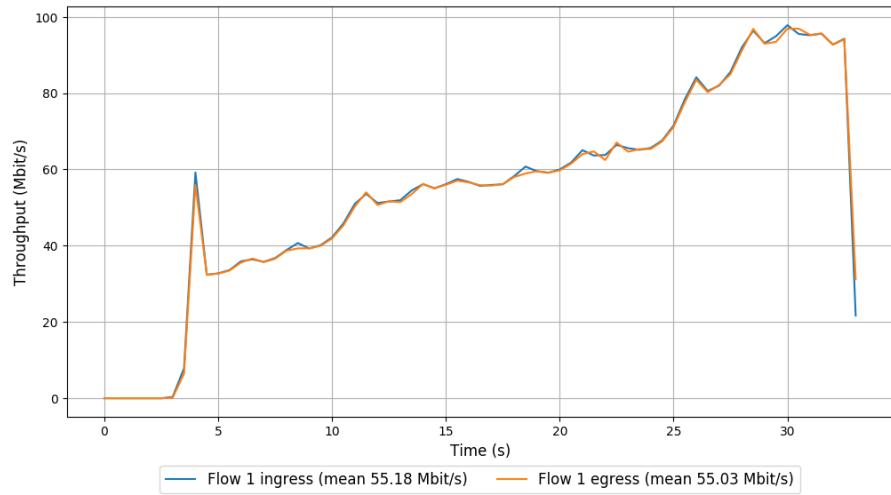


Run 5: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:17:01 +0000
End at: Mon, 19 Jun 2017 22:17:31 +0000
Local clock offset: -0.663 ms
Remote clock offset: -1.842 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 56.225 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 56.225 ms
Loss rate: 0.27%
```

Run 5: Report of PCC — Data Link

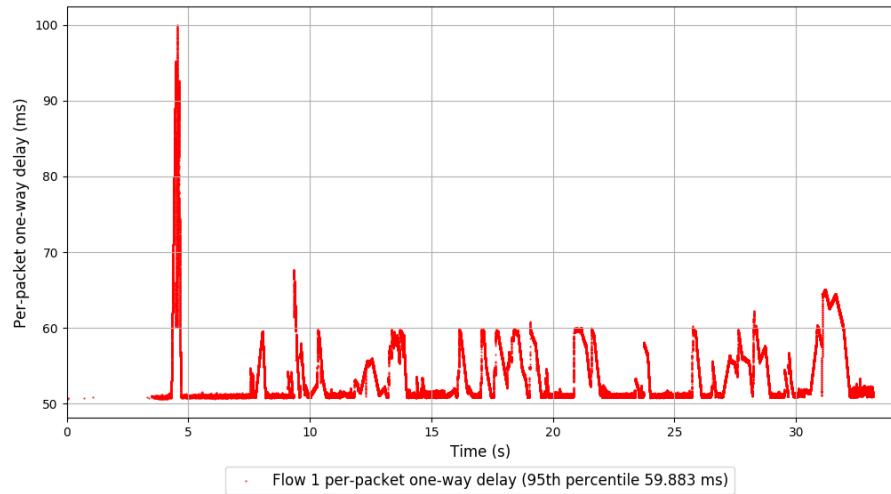
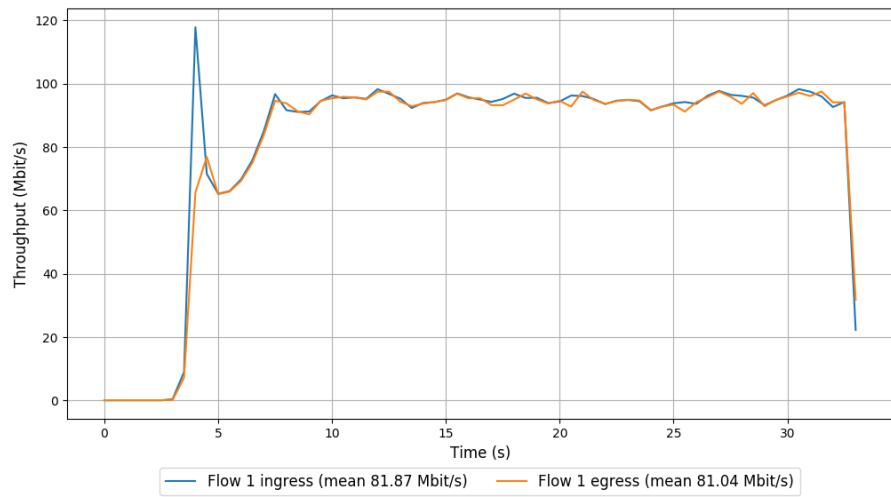


Run 6: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:36:33 +0000
End at: Mon, 19 Jun 2017 22:37:03 +0000
Local clock offset: 0.022 ms
Remote clock offset: 0.216 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.04 Mbit/s
95th percentile per-packet one-way delay: 59.883 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 81.04 Mbit/s
95th percentile per-packet one-way delay: 59.883 ms
Loss rate: 1.02%
```

Run 6: Report of PCC — Data Link

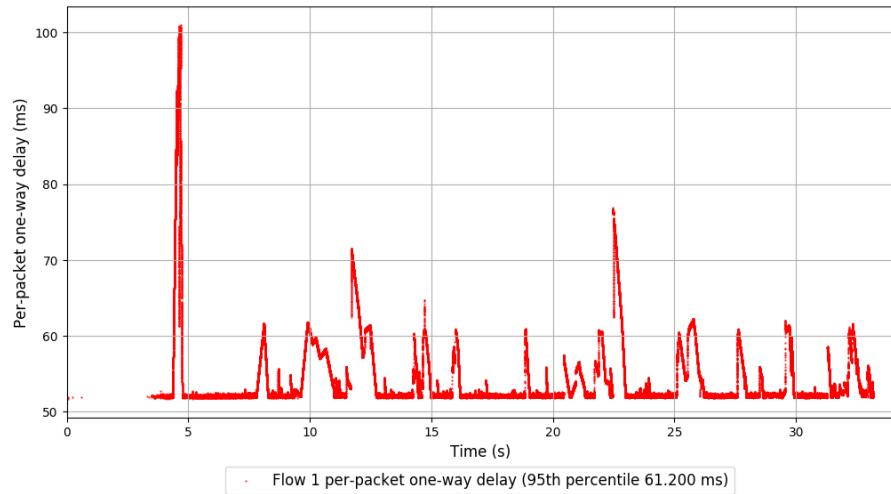
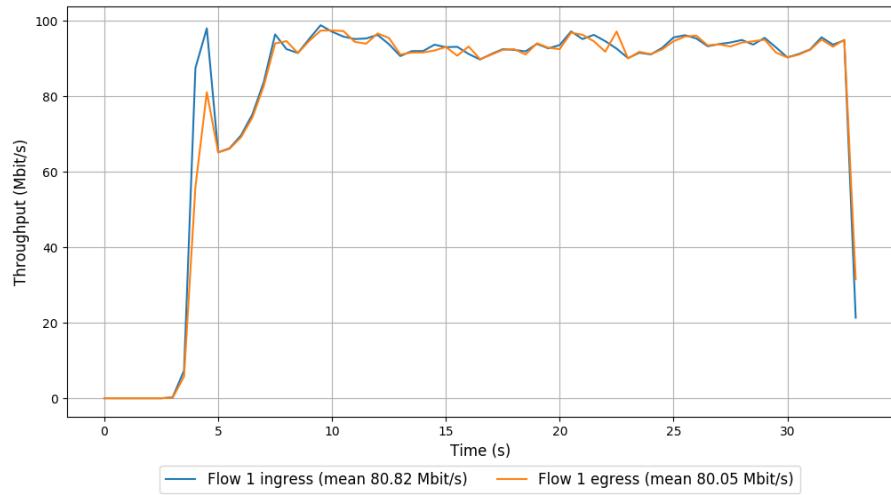


Run 7: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:56:16 +0000
End at: Mon, 19 Jun 2017 22:56:46 +0000
Local clock offset: 0.535 ms
Remote clock offset: -0.524 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 61.200 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 61.200 ms
Loss rate: 0.95%
```

Run 7: Report of PCC — Data Link

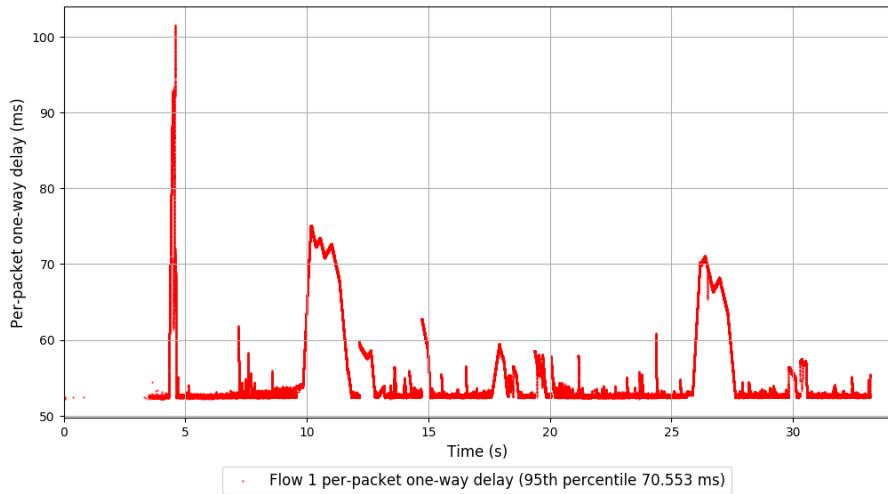
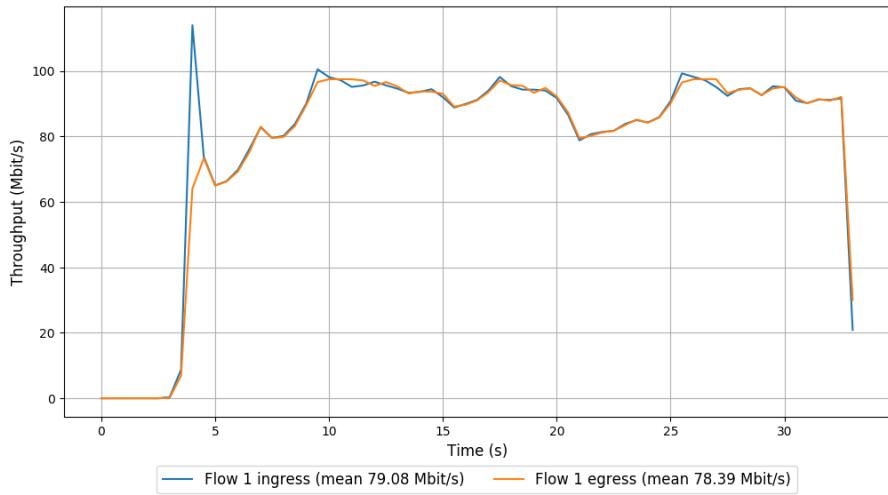


Run 8: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:15:55 +0000
End at: Mon, 19 Jun 2017 23:16:26 +0000
Local clock offset: 0.844 ms
Remote clock offset: -1.086 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 70.553 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 70.553 ms
Loss rate: 0.87%
```

Run 8: Report of PCC — Data Link

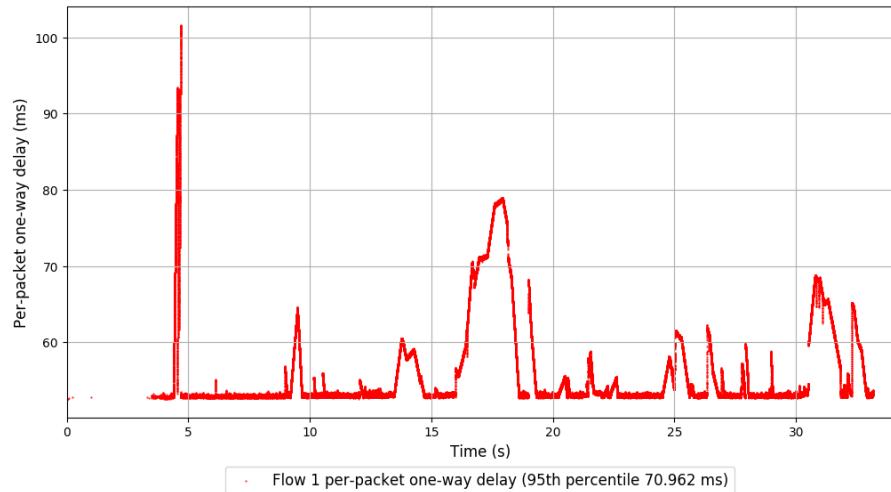
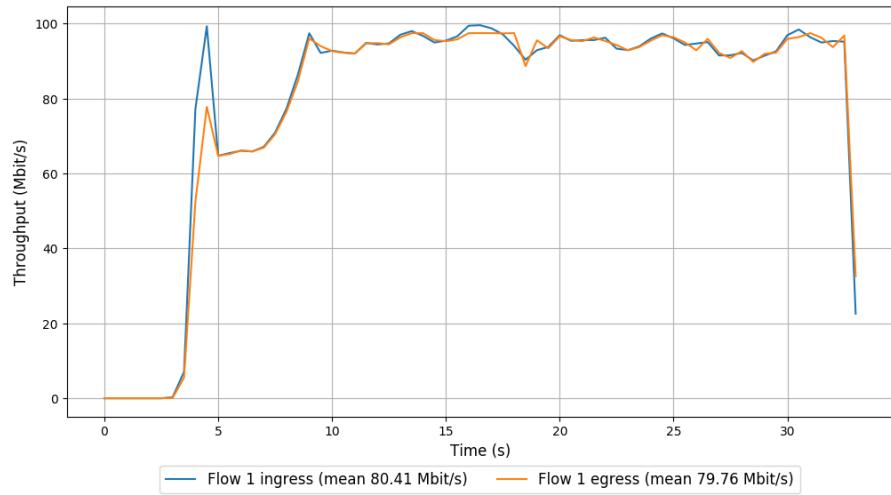


Run 9: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:35:33 +0000
End at: Mon, 19 Jun 2017 23:36:03 +0000
Local clock offset: 1.356 ms
Remote clock offset: -1.13 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:11:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 70.962 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 70.962 ms
Loss rate: 0.83%
```

Run 9: Report of PCC — Data Link

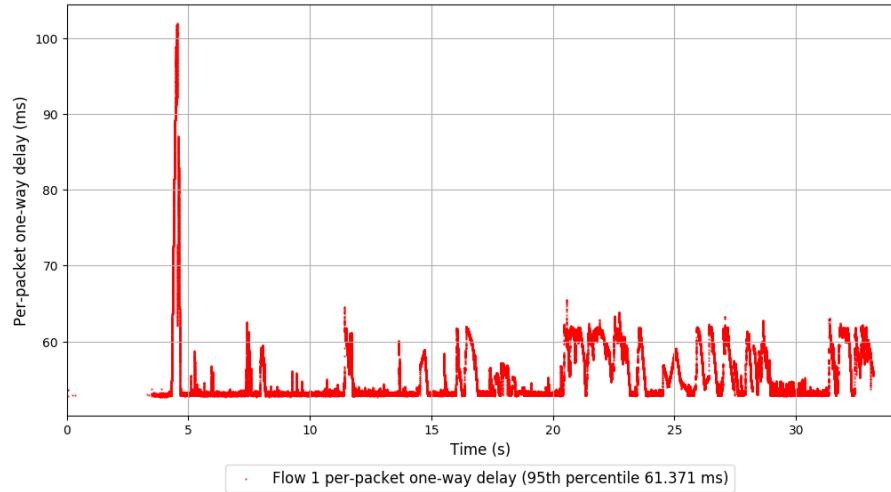
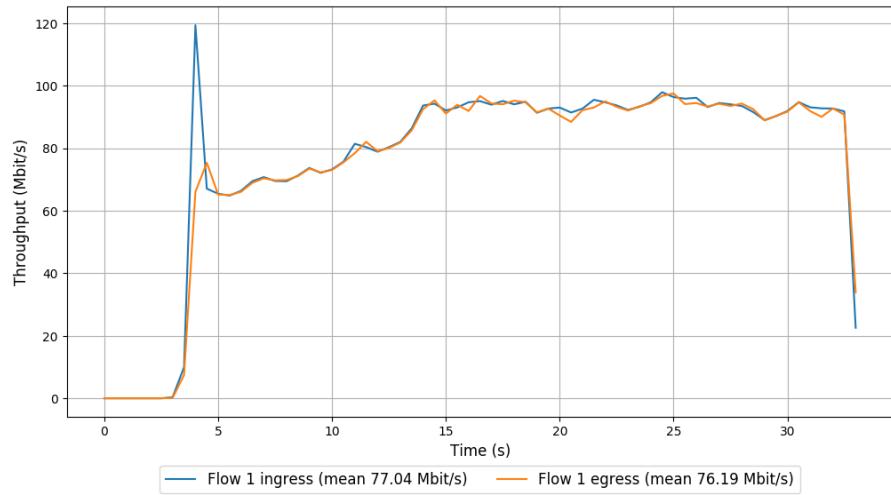


Run 10: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:55:09 +0000
End at: Mon, 19 Jun 2017 23:55:39 +0000
Local clock offset: 1.481 ms
Remote clock offset: -1.032 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 61.371 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 61.371 ms
Loss rate: 1.13%
```

Run 10: Report of PCC — Data Link

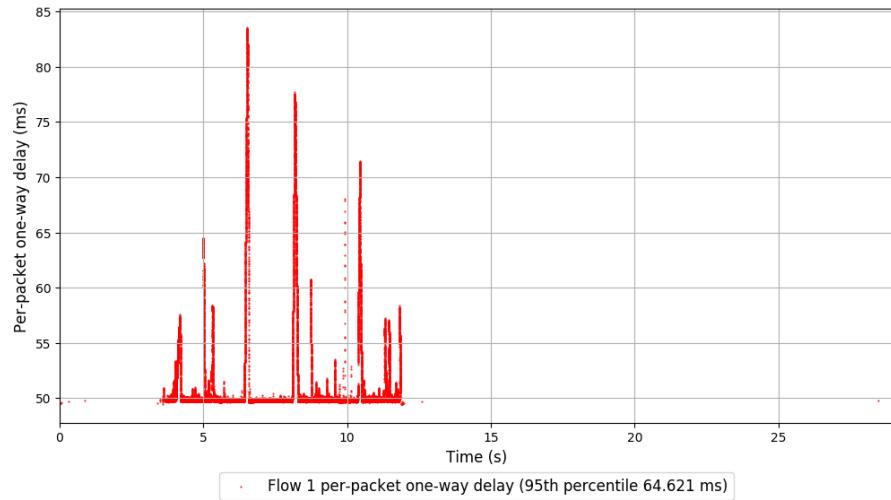
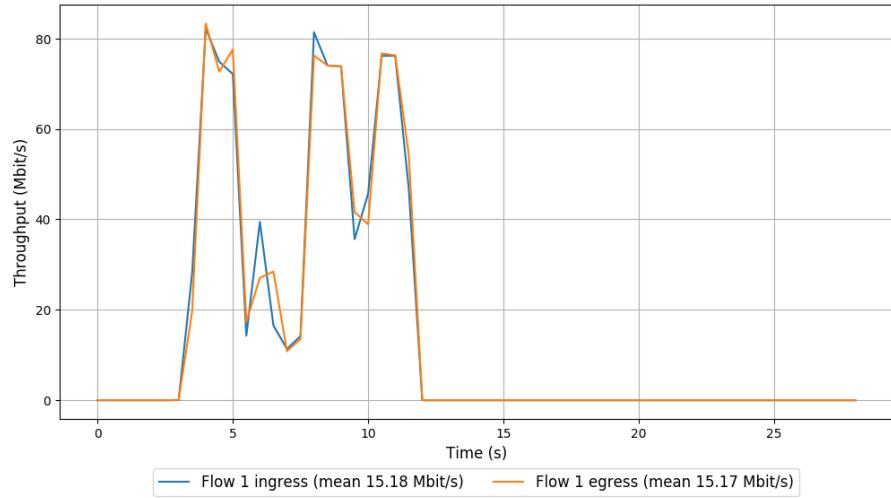


```
Run 1: Statistics of QUIC Cubic (toy)
```

```
Start at: Mon, 19 Jun 2017 21:06:17 +0000
End at: Mon, 19 Jun 2017 21:06:47 +0000
Local clock offset: -0.711 ms
Remote clock offset: -2.181 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 64.621 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 64.621 ms
Loss rate: 0.06%
```

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



Run 2: Statistics of QUIC Cubic (toy)

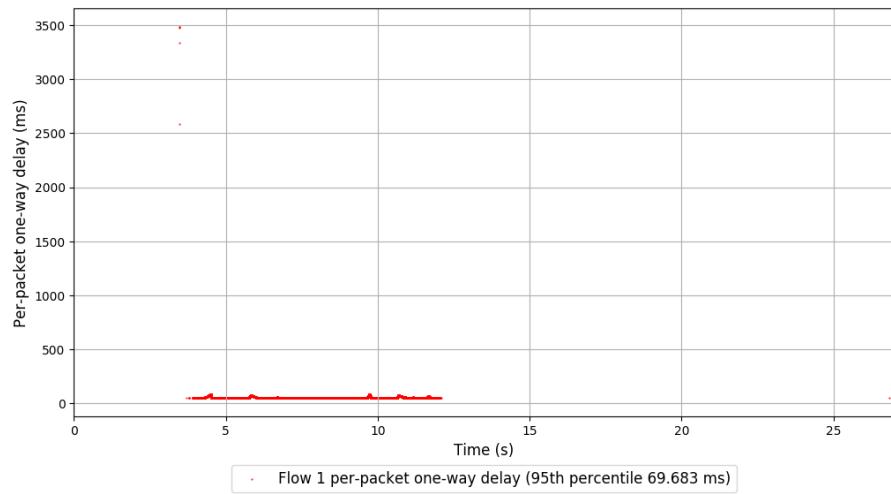
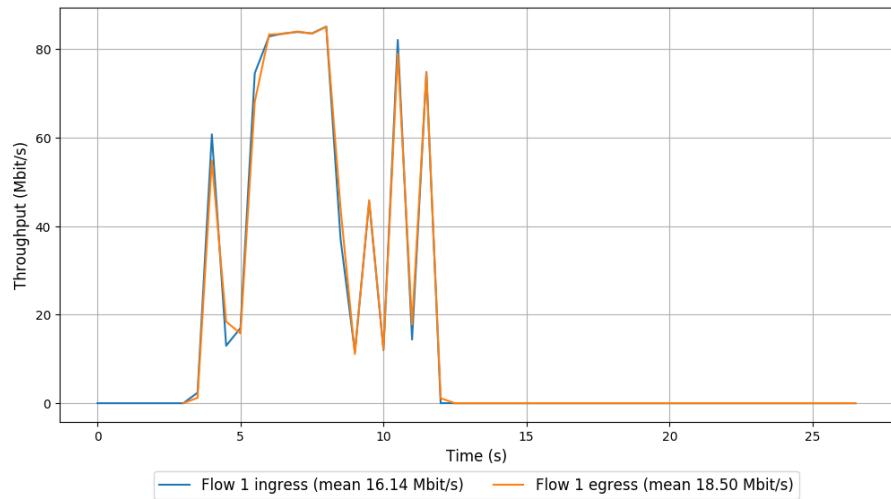
Start at: Mon, 19 Jun 2017 21:25:58 +0000

End at: Mon, 19 Jun 2017 21:26:28 +0000

Local clock offset: -1.568 ms

Remote clock offset: 0.551 ms

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

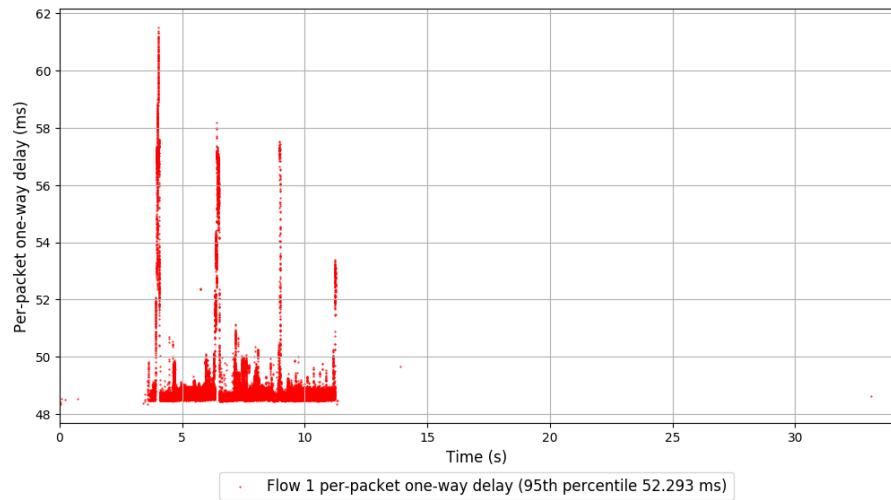
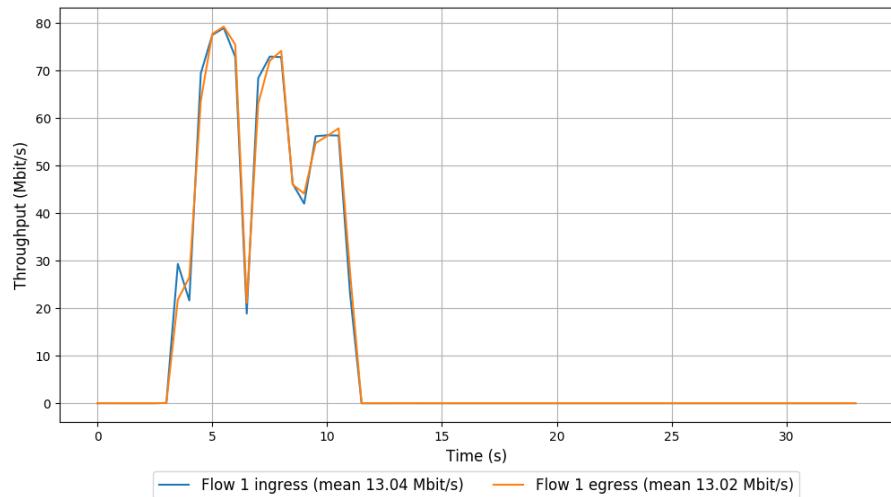


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:45:37 +0000
End at: Mon, 19 Jun 2017 21:46:07 +0000
Local clock offset: -1.499 ms
Remote clock offset: -1.83 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 52.293 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 52.293 ms
Loss rate: 0.18%
```

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



Run 4: Statistics of QUIC Cubic (toy)

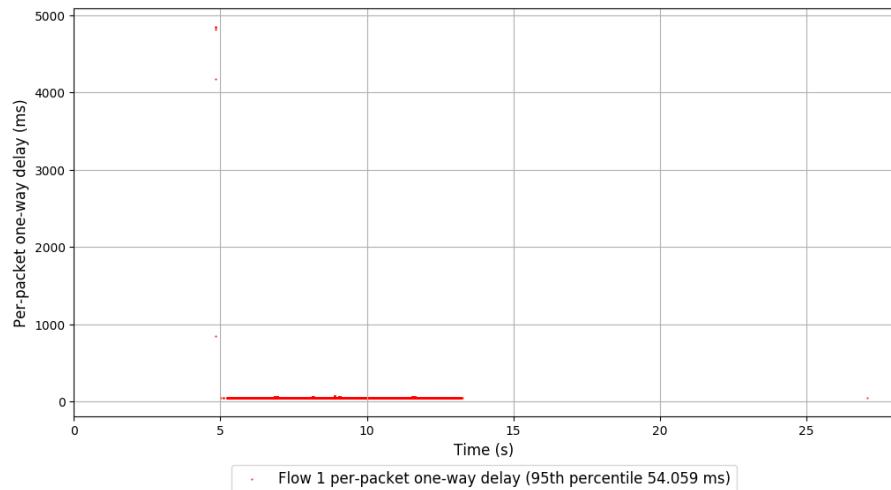
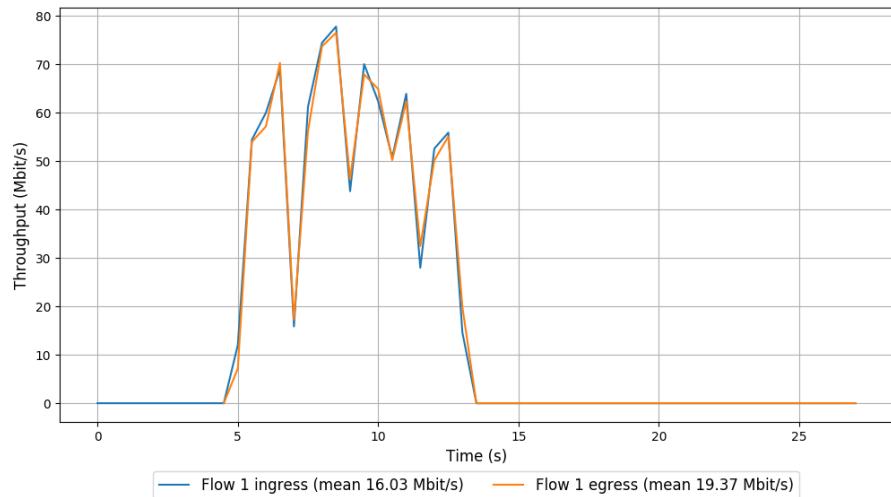
Start at: Mon, 19 Jun 2017 22:05:16 +0000

End at: Mon, 19 Jun 2017 22:05:46 +0000

Local clock offset: -1.024 ms

Remote clock offset: -1.527 ms

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



Run 5: Statistics of QUIC Cubic (toy)

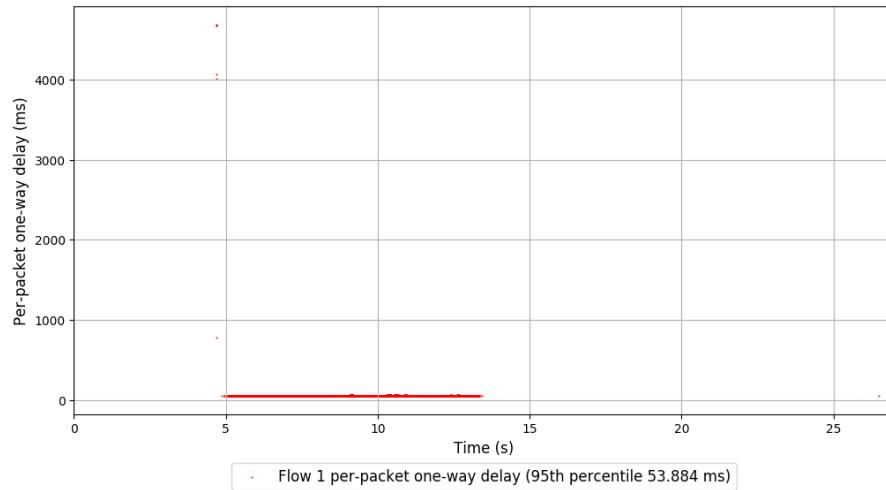
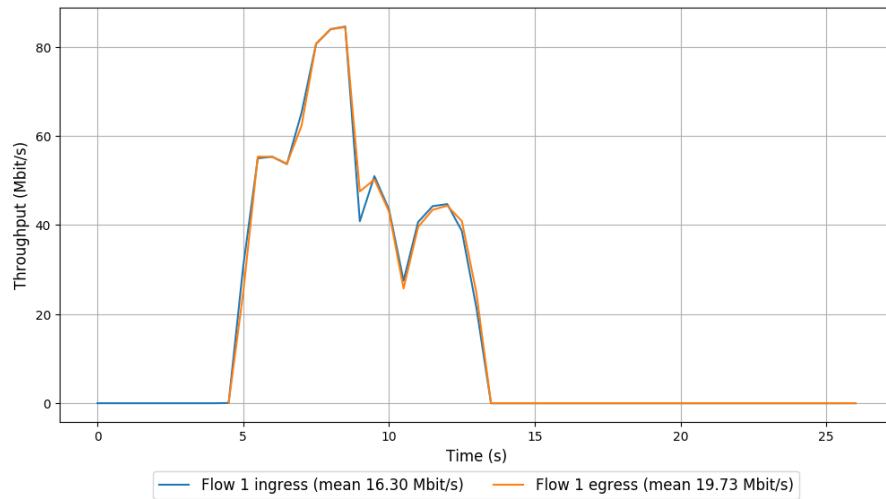
Start at: Mon, 19 Jun 2017 22:24:49 +0000

End at: Mon, 19 Jun 2017 22:25:19 +0000

Local clock offset: -0.316 ms

Remote clock offset: -2.165 ms

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

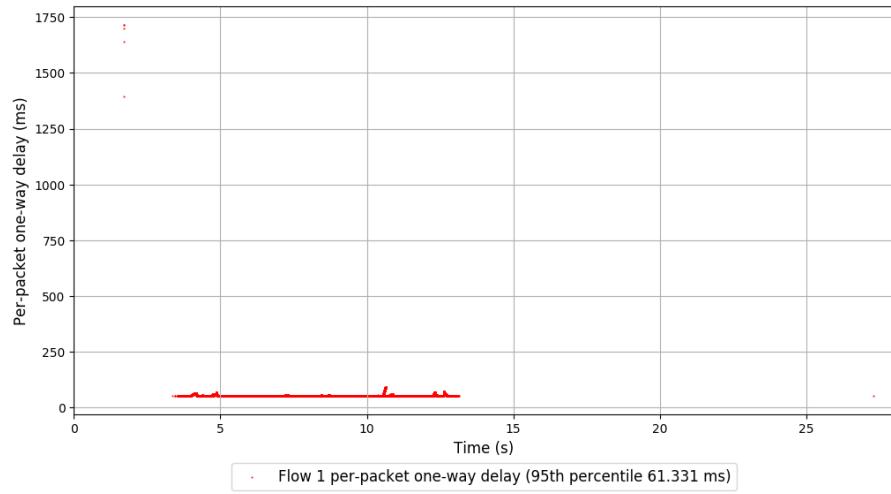
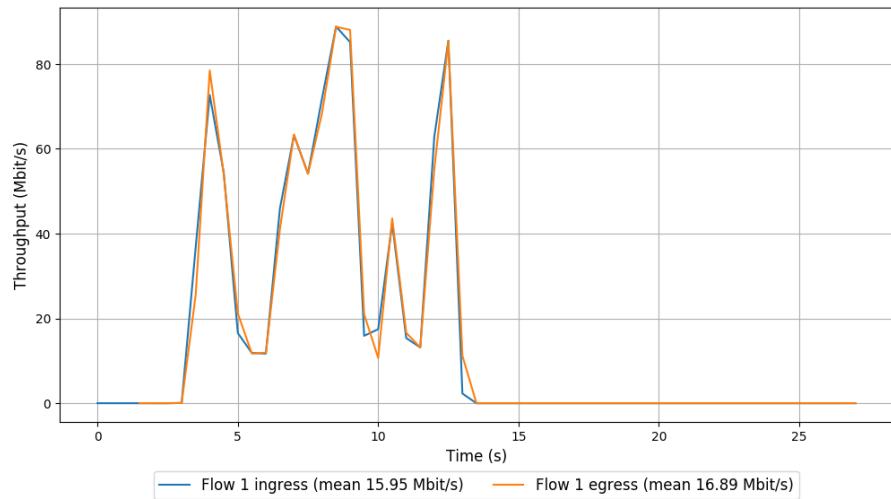


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:44:24 +0000
End at: Mon, 19 Jun 2017 22:44:54 +0000
Local clock offset: 0.26 ms
Remote clock offset: -0.794 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 61.331 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 61.331 ms
Loss rate: 0.54%
```

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



Run 7: Statistics of QUIC Cubic (toy)

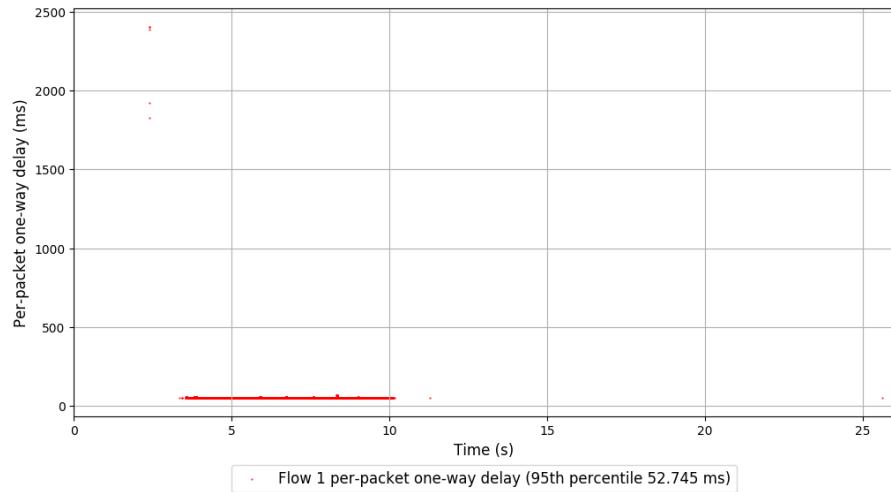
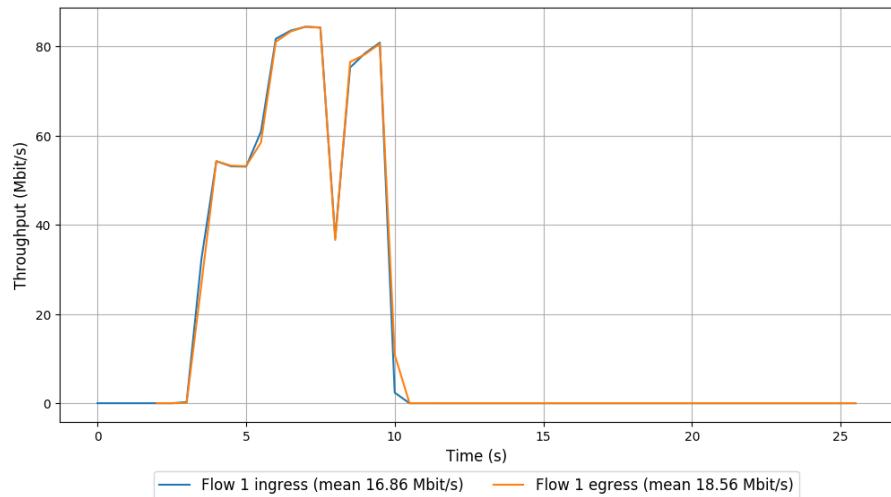
Start at: Mon, 19 Jun 2017 23:04:08 +0000

End at: Mon, 19 Jun 2017 23:04:38 +0000

Local clock offset: 0.574 ms

Remote clock offset: -3.139 ms

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

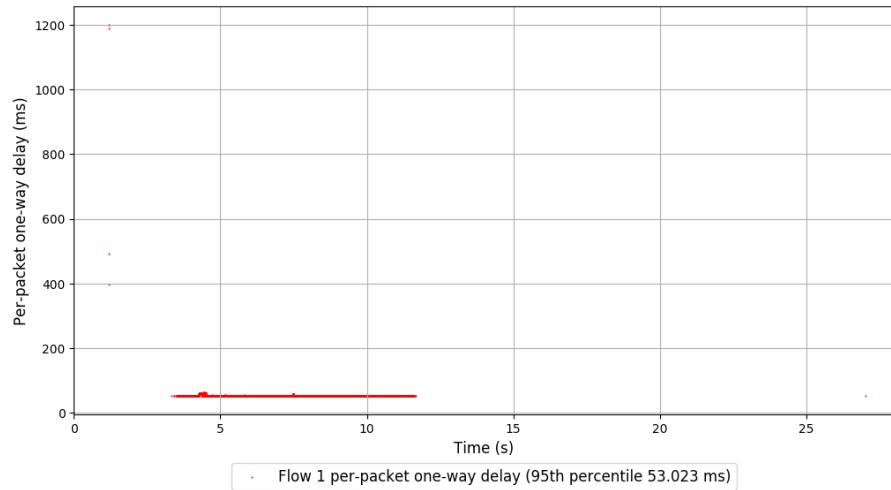
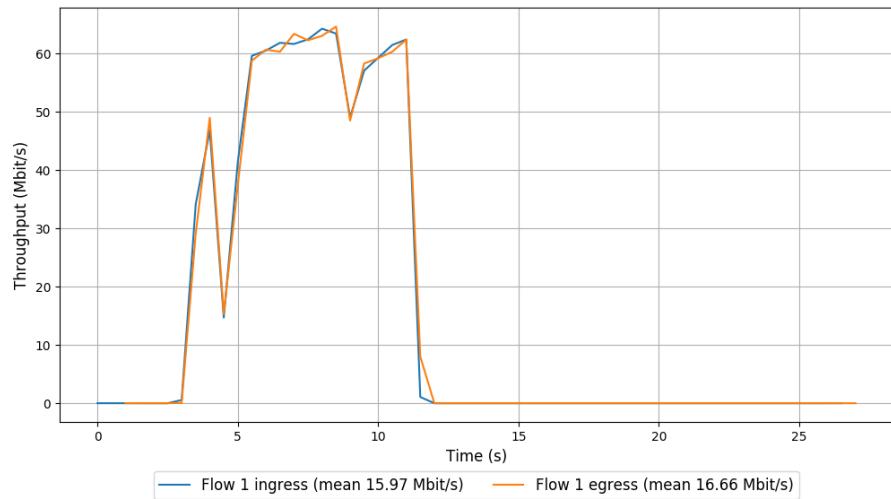


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:23:46 +0000
End at: Mon, 19 Jun 2017 23:24:16 +0000
Local clock offset: 1.014 ms
Remote clock offset: -1.203 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 53.023 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 53.023 ms
Loss rate: 0.12%
```

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

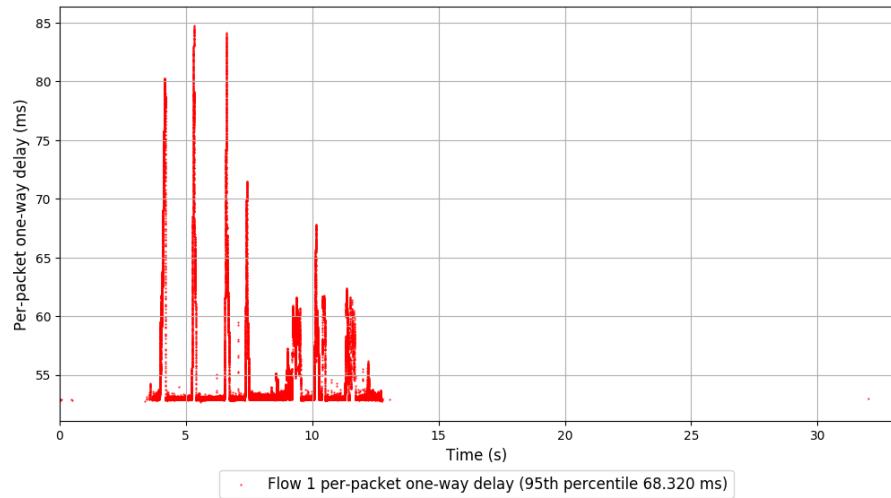
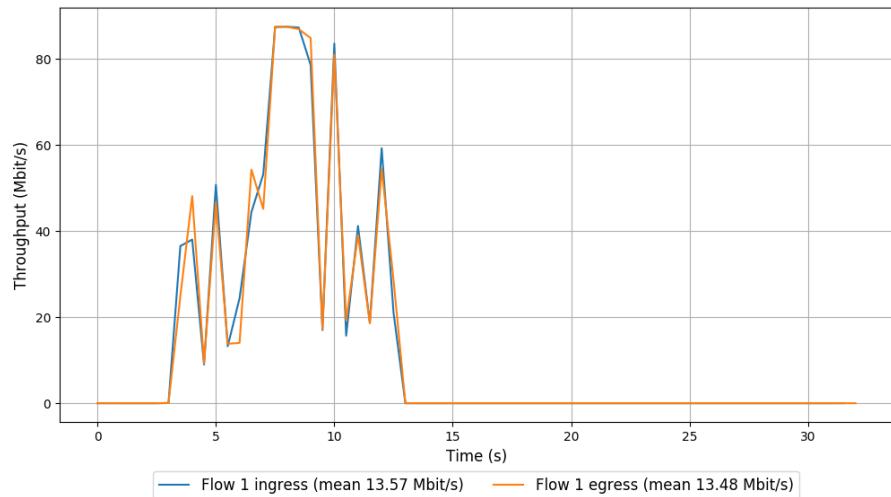


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:43:24 +0000
End at: Mon, 19 Jun 2017 23:43:54 +0000
Local clock offset: 1.374 ms
Remote clock offset: -3.088 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 68.320 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 68.320 ms
Loss rate: 0.64%
```

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

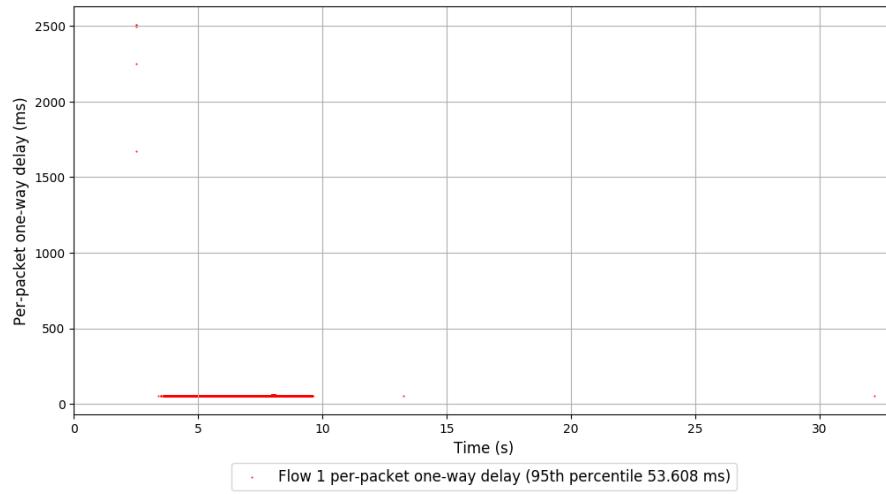
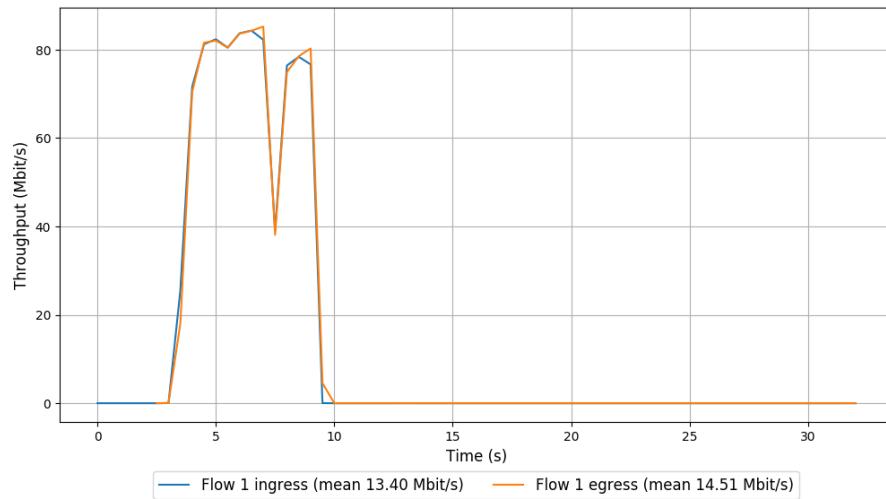


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 00:02:59 +0000
End at: Tue, 20 Jun 2017 00:03:29 +0000
Local clock offset: 1.555 ms
Remote clock offset: -3.041 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 53.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 53.608 ms
Loss rate: 0.00%
```

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



```
Run 1: Statistics of Saturator
```

```
Start at: Mon, 19 Jun 2017 20:53:18 +0000
```

```
End at: Mon, 19 Jun 2017 20:53:48 +0000
```

```
Local clock offset: -0.193 ms
```

```
Remote clock offset: -0.273 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:16 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 24.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 53.687 ms
```

```
Loss rate: 0.21%
```

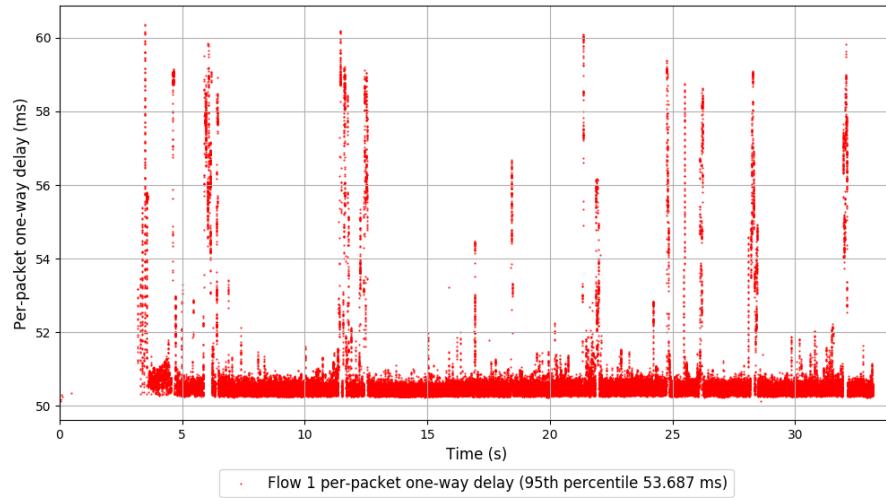
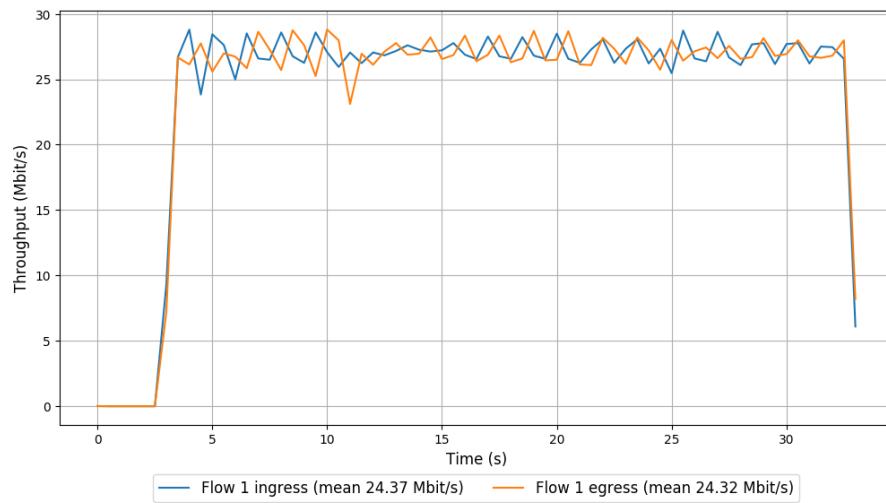
```
-- Flow 1:
```

```
Average throughput: 24.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 53.687 ms
```

```
Loss rate: 0.21%
```

Run 1: Report of Saturator — Data Link

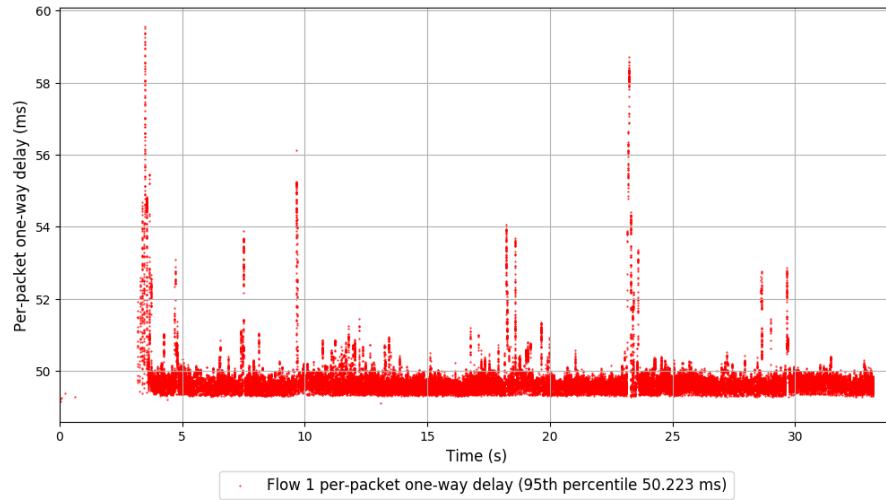
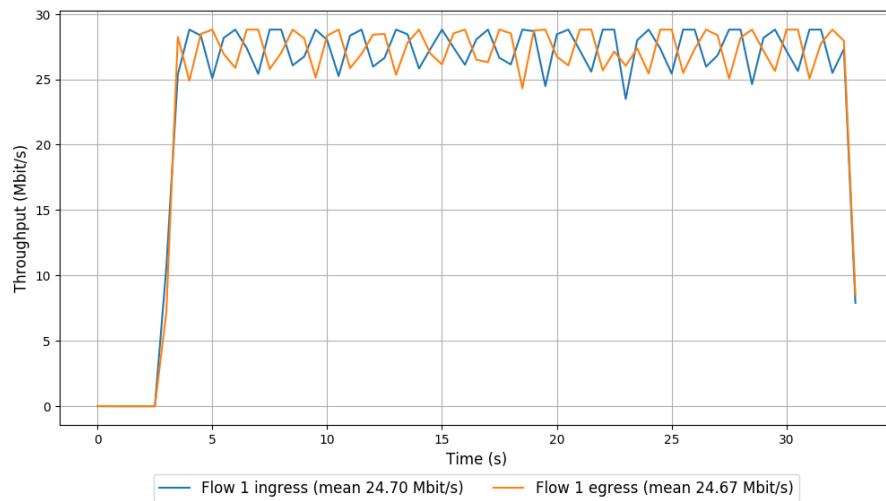


Run 2: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:12:53 +0000
End at: Mon, 19 Jun 2017 21:13:23 +0000
Local clock offset: -0.997 ms
Remote clock offset: -2.065 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 50.223 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 50.223 ms
Loss rate: 0.11%
```

Run 2: Report of Saturator — Data Link

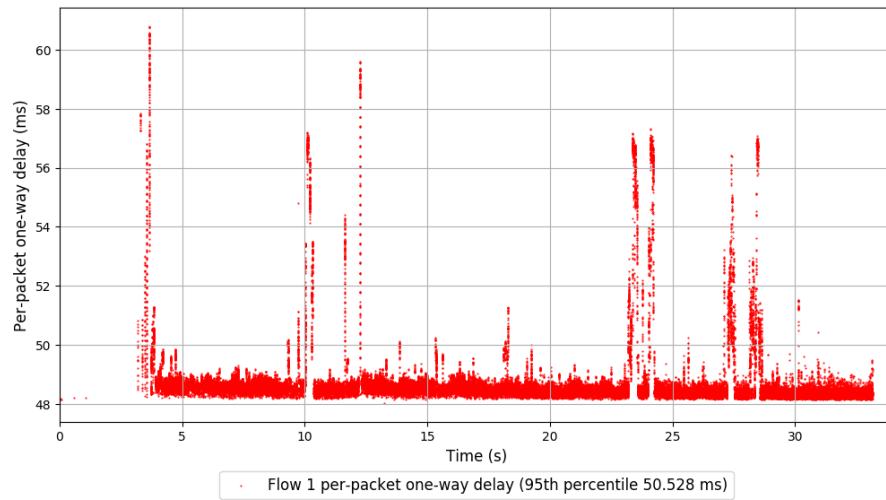
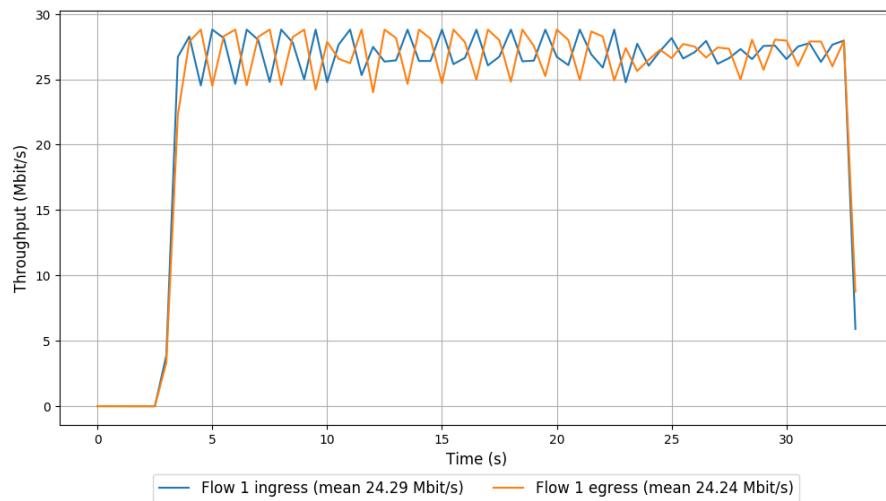


Run 3: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:32:34 +0000
End at: Mon, 19 Jun 2017 21:33:04 +0000
Local clock offset: -1.923 ms
Remote clock offset: 0.642 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 50.528 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 50.528 ms
Loss rate: 0.22%
```

Run 3: Report of Saturator — Data Link

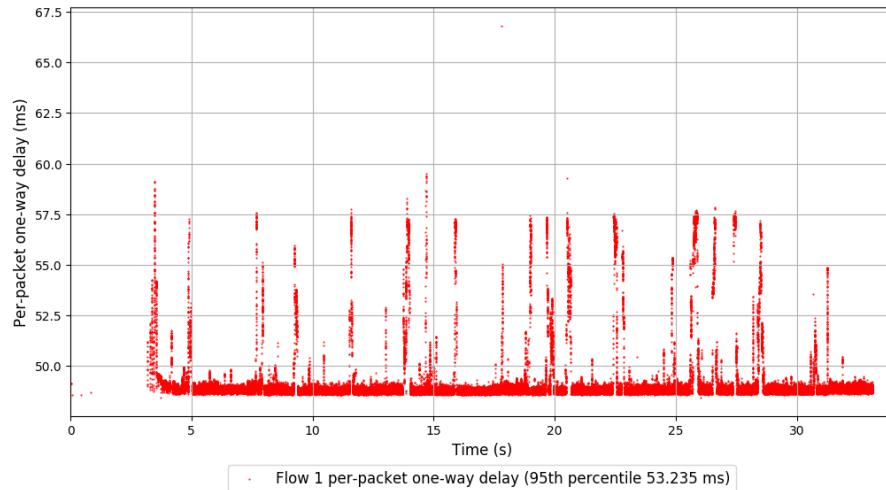
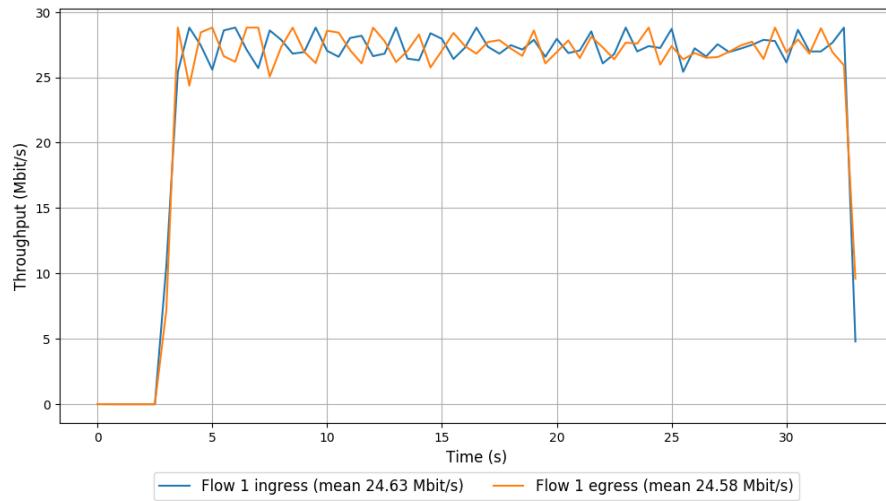


Run 4: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:52:13 +0000
End at: Mon, 19 Jun 2017 21:52:43 +0000
Local clock offset: -1.429 ms
Remote clock offset: 0.744 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 53.235 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 53.235 ms
Loss rate: 0.21%
```

Run 4: Report of Saturator — Data Link

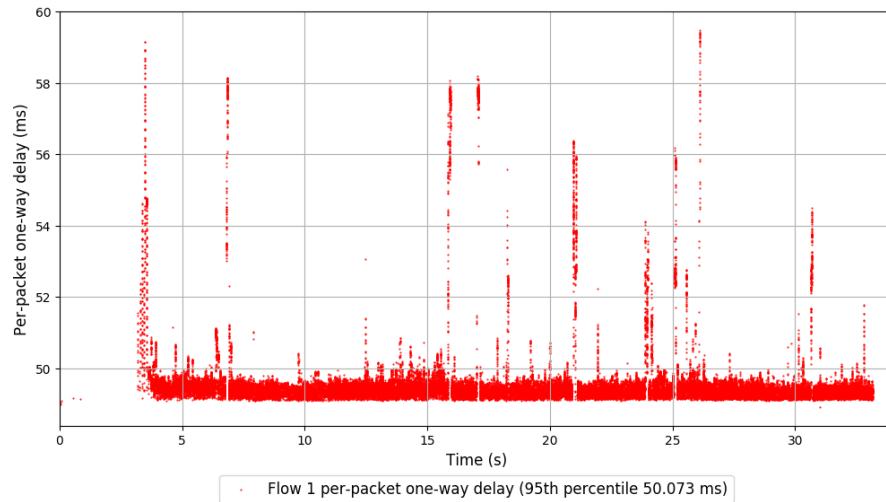
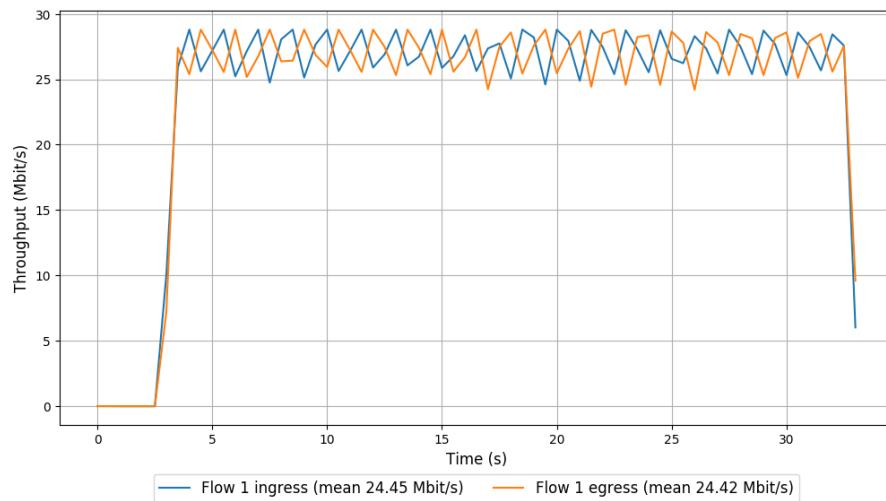


Run 5: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:11:50 +0000
End at: Mon, 19 Jun 2017 22:12:20 +0000
Local clock offset: -0.756 ms
Remote clock offset: -1.642 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 50.073 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 50.073 ms
Loss rate: 0.13%
```

Run 5: Report of Saturator — Data Link

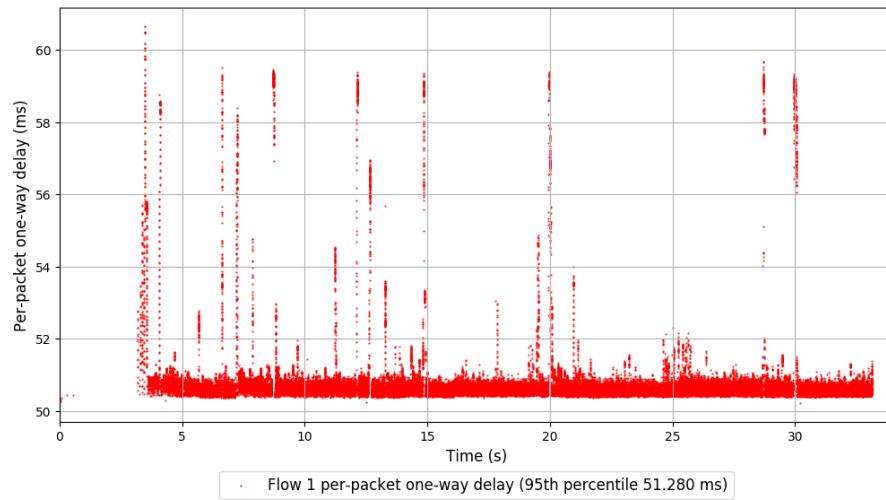
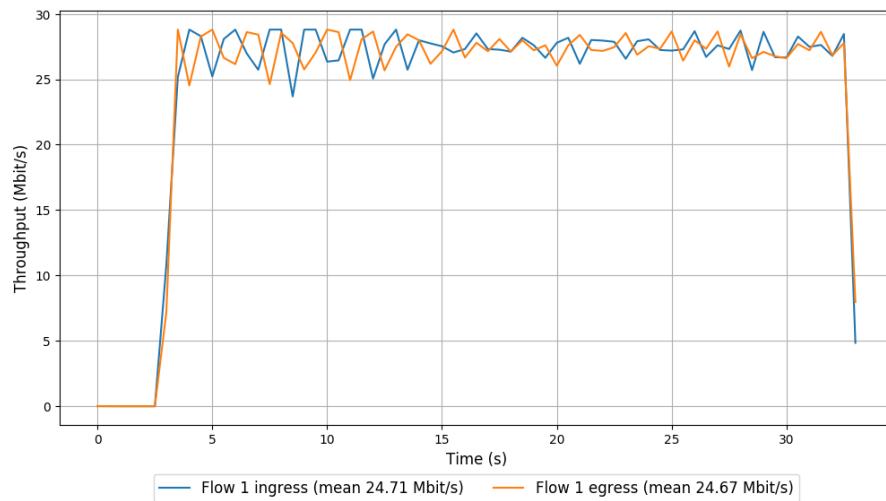


Run 6: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:31:22 +0000
End at: Mon, 19 Jun 2017 22:31:52 +0000
Local clock offset: -0.147 ms
Remote clock offset: -0.229 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 51.280 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 51.280 ms
Loss rate: 0.17%
```

Run 6: Report of Saturator — Data Link

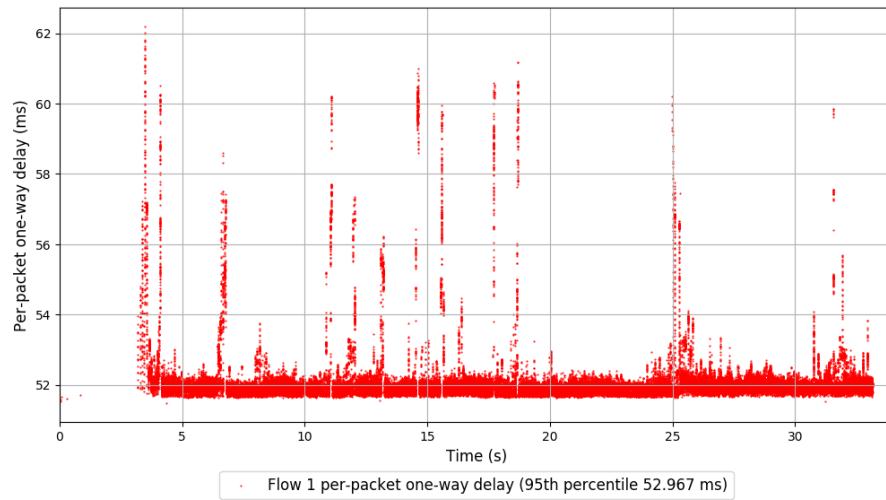
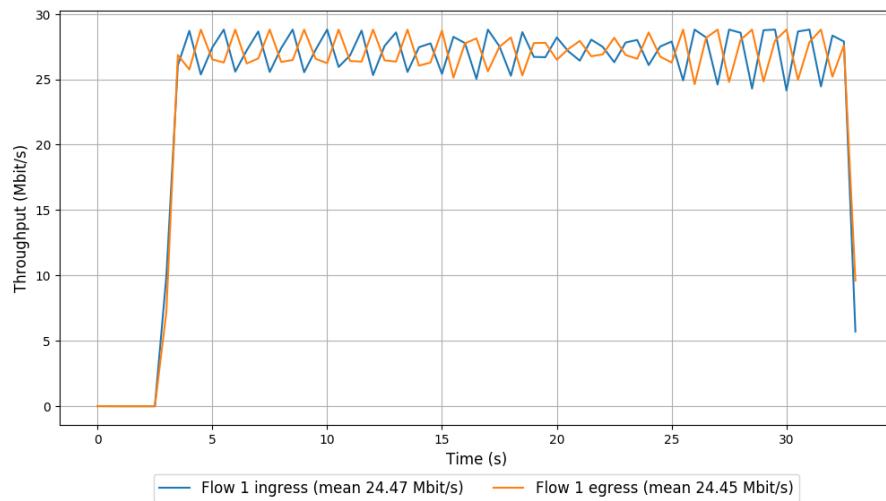


Run 7: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:51:01 +0000
End at: Mon, 19 Jun 2017 22:51:31 +0000
Local clock offset: 0.361 ms
Remote clock offset: -0.917 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 52.967 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 52.967 ms
Loss rate: 0.06%
```

Run 7: Report of Saturator — Data Link

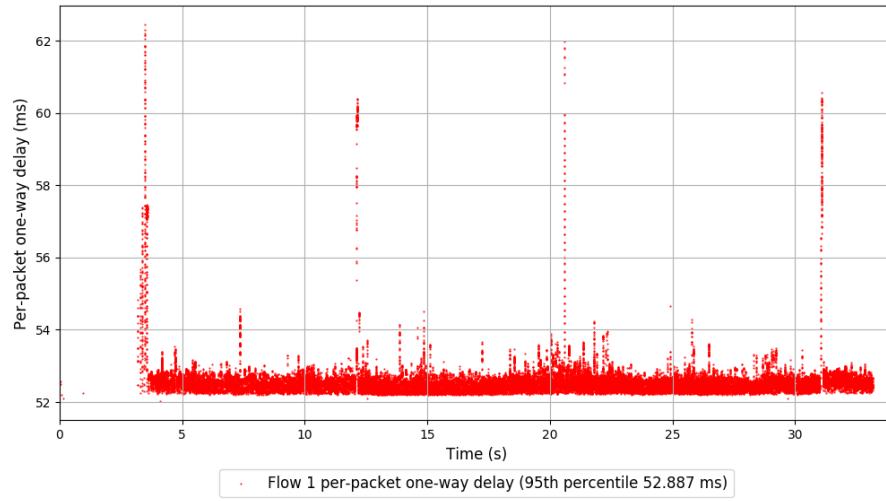
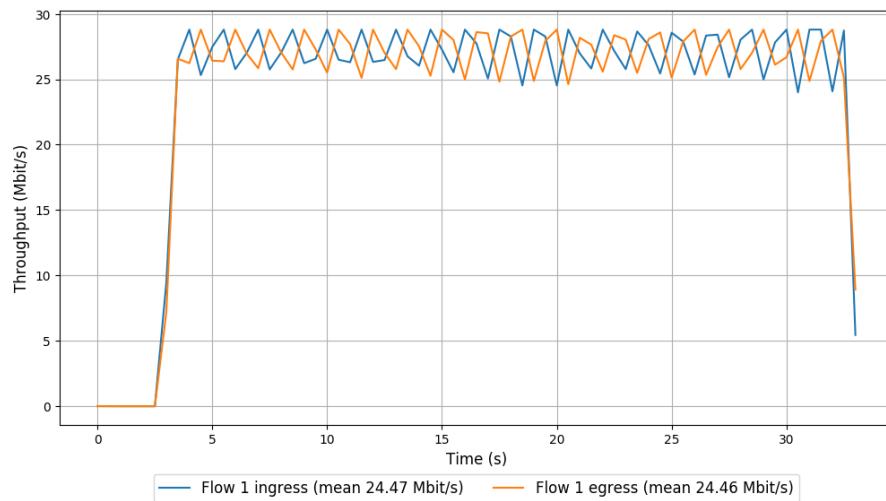


Run 8: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:10:44 +0000
End at: Mon, 19 Jun 2017 23:11:14 +0000
Local clock offset: 0.792 ms
Remote clock offset: -1.079 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 52.887 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 52.887 ms
Loss rate: 0.01%
```

Run 8: Report of Saturator — Data Link

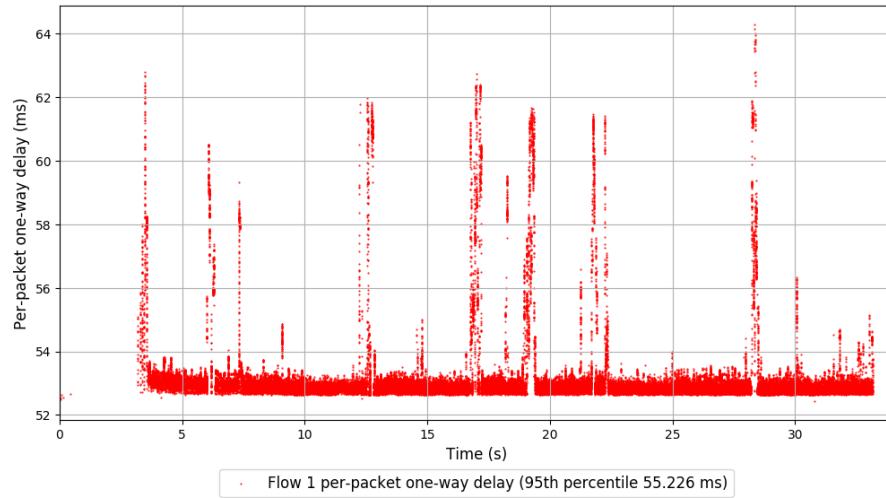
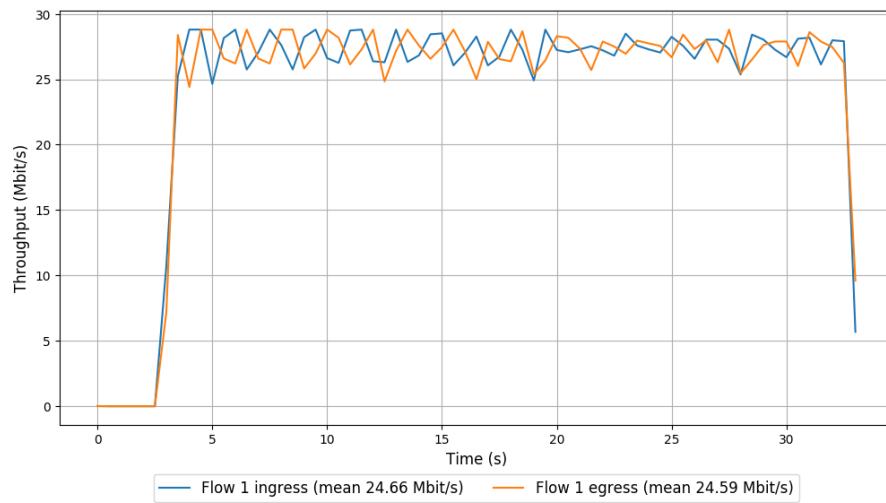


Run 9: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:30:21 +0000
End at: Mon, 19 Jun 2017 23:30:51 +0000
Local clock offset: 1.194 ms
Remote clock offset: -1.113 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 55.226 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 55.226 ms
Loss rate: 0.25%
```

Run 9: Report of Saturator — Data Link

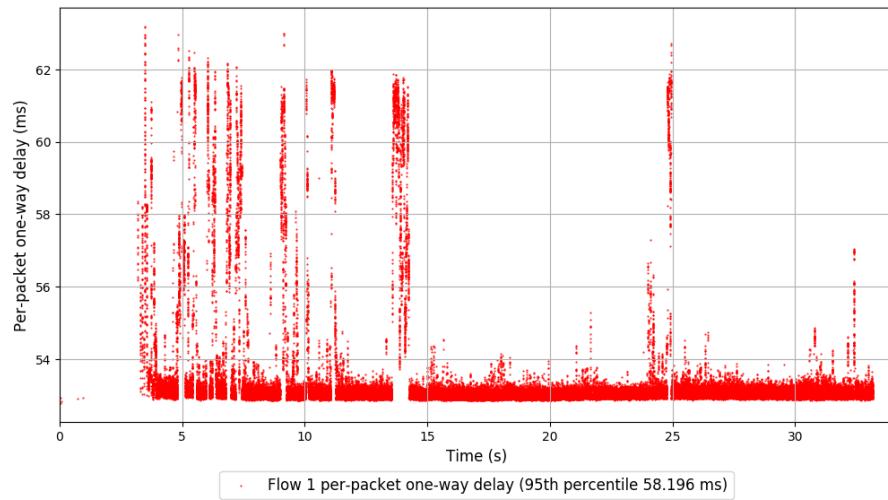
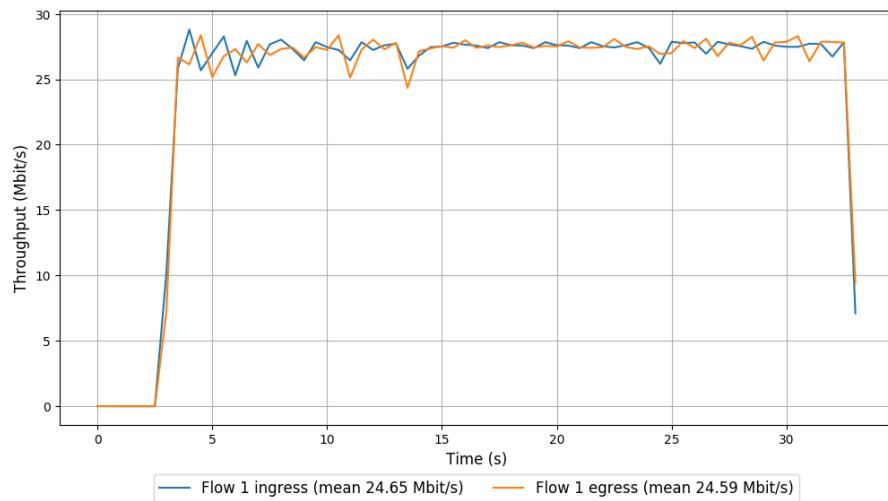


Run 10: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:49:58 +0000
End at: Mon, 19 Jun 2017 23:50:28 +0000
Local clock offset: 1.548 ms
Remote clock offset: -3.074 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 58.196 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 58.196 ms
Loss rate: 0.25%
```

Run 10: Report of Saturator — Data Link

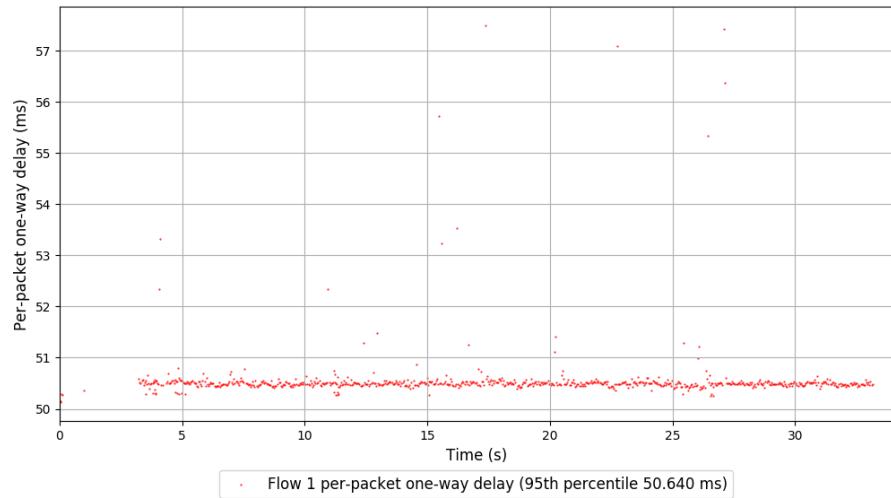
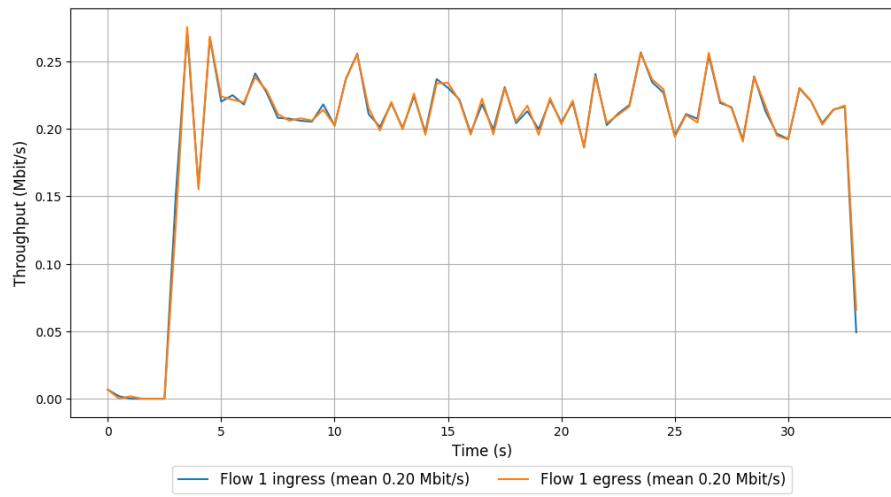


Run 1: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 20:52:02 +0000
End at: Mon, 19 Jun 2017 20:52:32 +0000
Local clock offset: -0.171 ms
Remote clock offset: 0.208 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.640 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

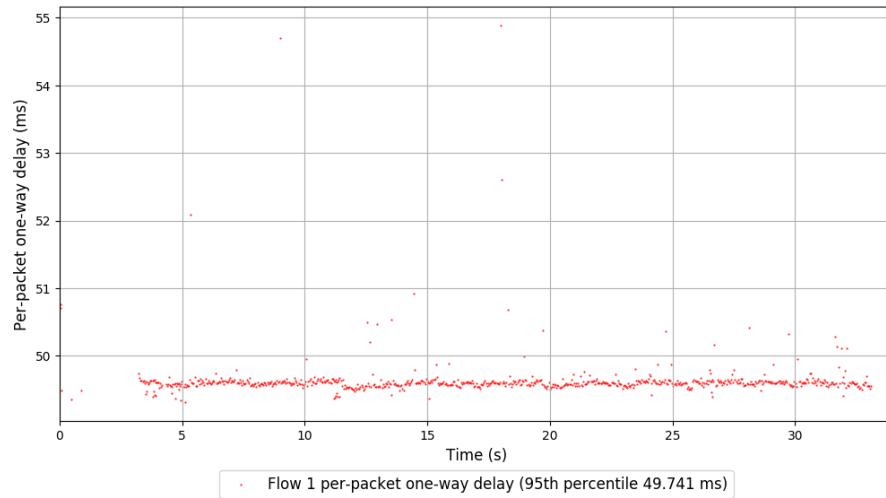
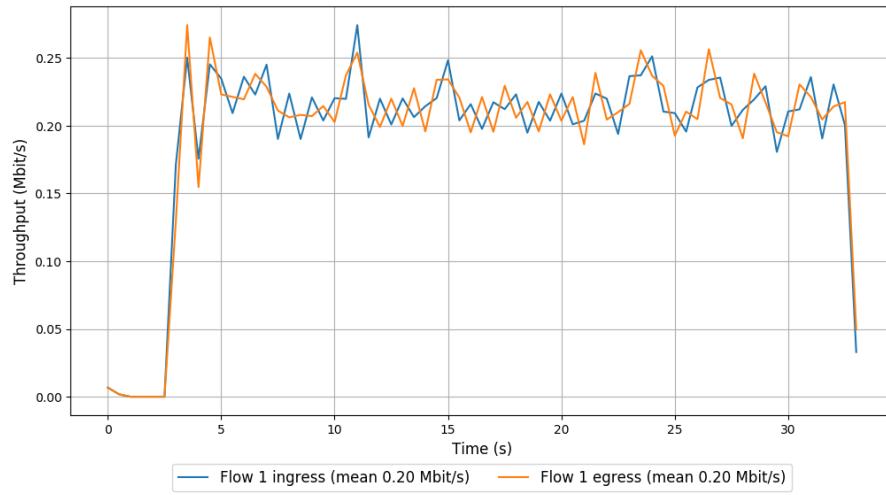


Run 2: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:11:37 +0000
End at: Mon, 19 Jun 2017 21:12:07 +0000
Local clock offset: -0.985 ms
Remote clock offset: 0.288 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.741 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

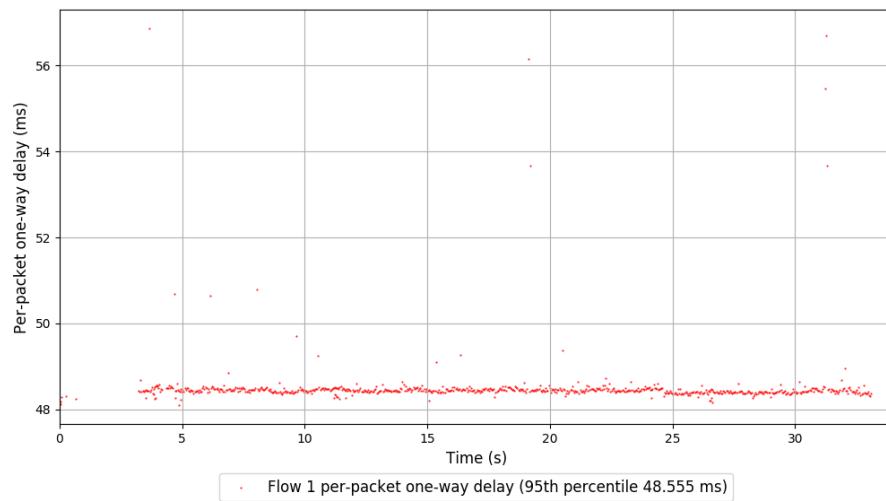
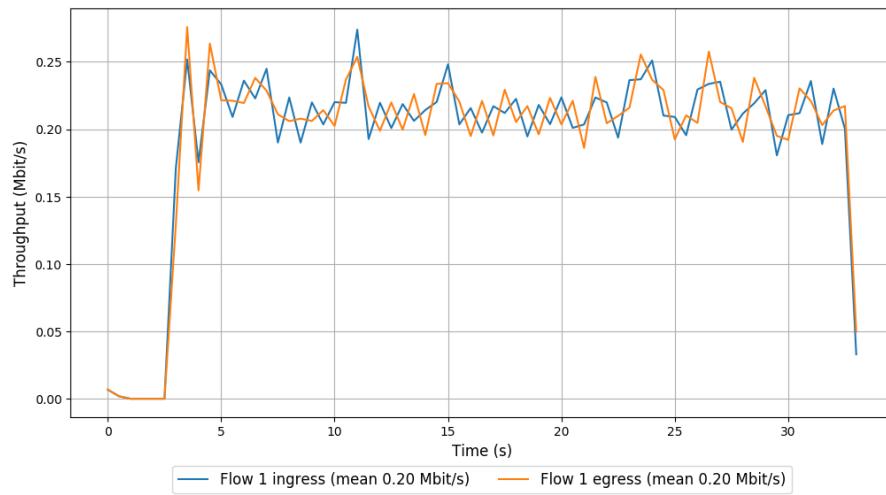


Run 3: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:31:18 +0000
End at: Mon, 19 Jun 2017 21:31:48 +0000
Local clock offset: -1.812 ms
Remote clock offset: 0.15 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.555 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

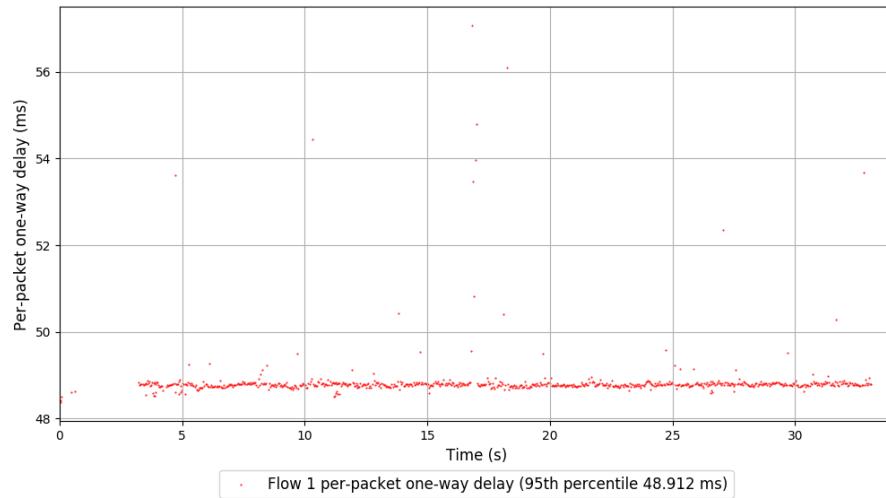
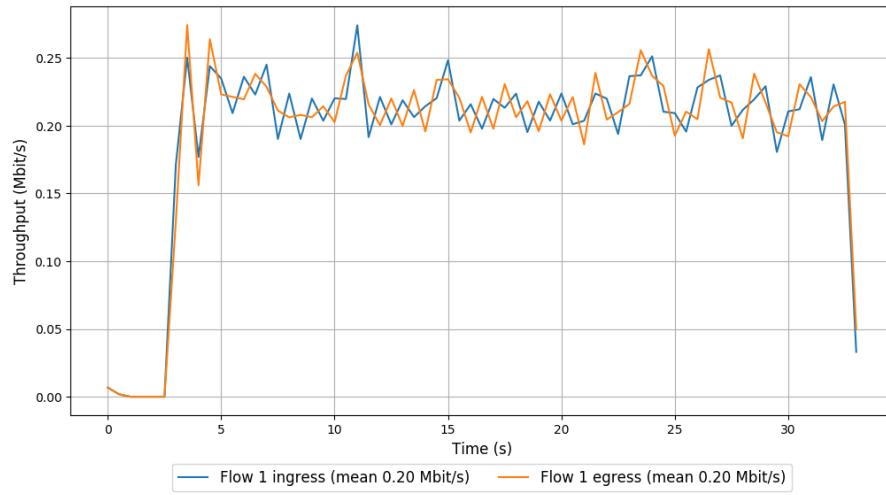


Run 4: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:50:57 +0000
End at: Mon, 19 Jun 2017 21:51:27 +0000
Local clock offset: -1.372 ms
Remote clock offset: -1.615 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.912 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

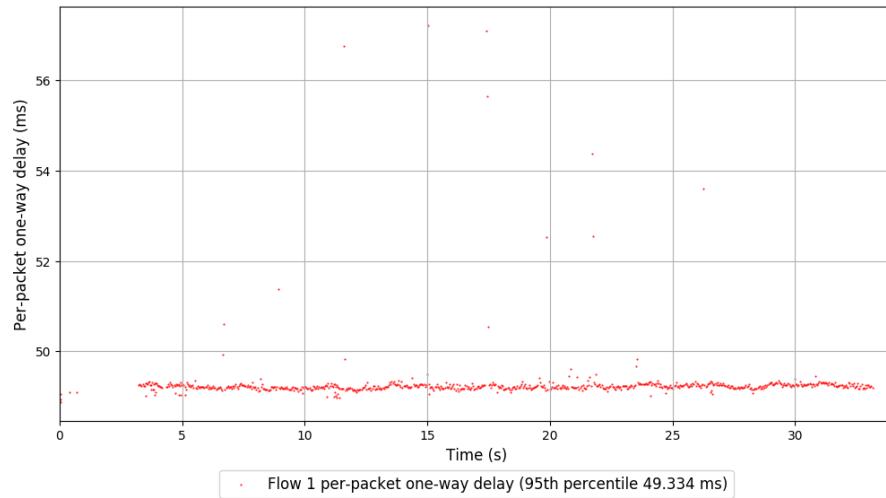
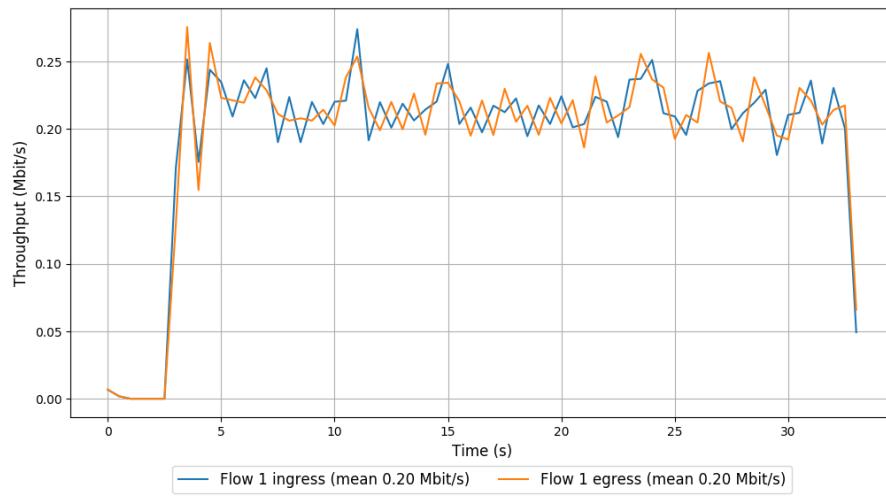


Run 5: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:10:35 +0000
End at: Mon, 19 Jun 2017 22:11:05 +0000
Local clock offset: -0.861 ms
Remote clock offset: -1.54 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

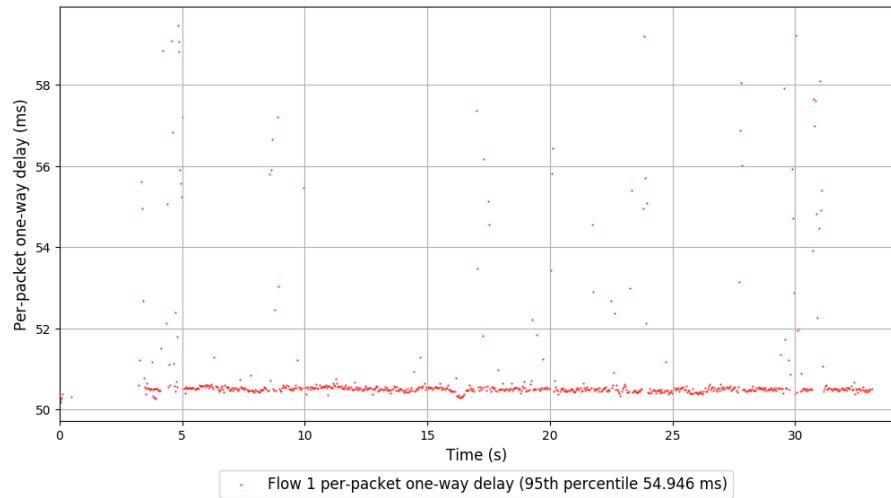
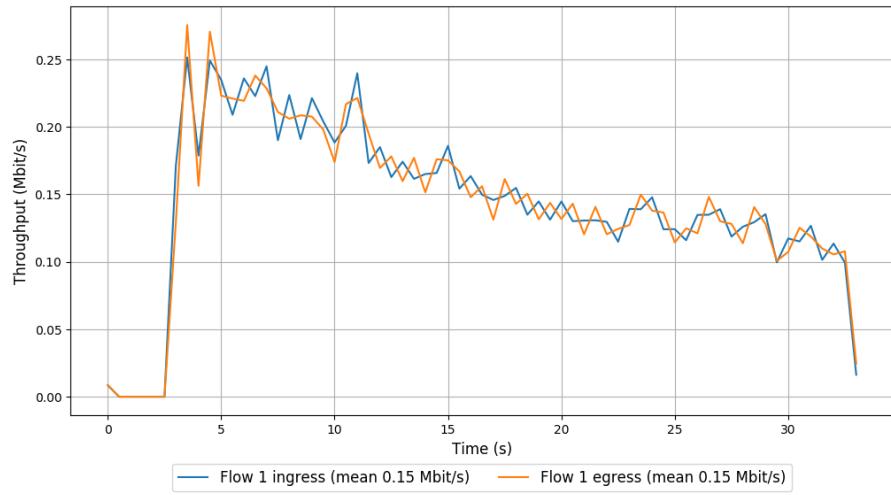


Run 6: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:30:07 +0000
End at: Mon, 19 Jun 2017 22:30:37 +0000
Local clock offset: -0.092 ms
Remote clock offset: -2.244 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 54.946 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 54.946 ms
Loss rate: 0.38%
```

Run 6: Report of SCReAM — Data Link

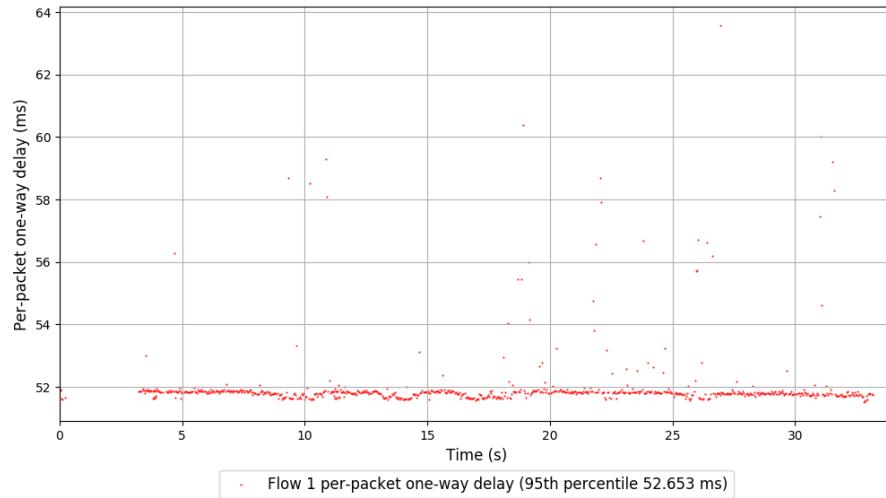
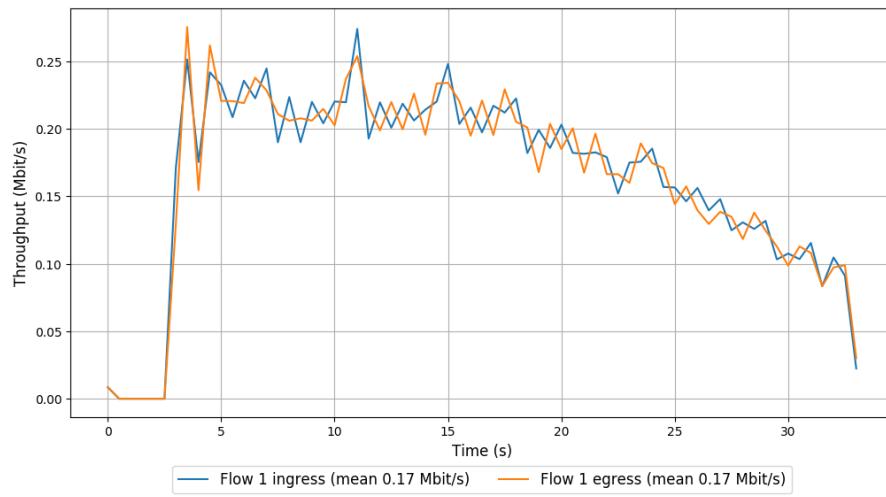


Run 7: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:49:45 +0000
End at: Mon, 19 Jun 2017 22:50:15 +0000
Local clock offset: 0.438 ms
Remote clock offset: -0.426 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 52.653 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 52.653 ms
Loss rate: 0.47%
```

Run 7: Report of SCReAM — Data Link

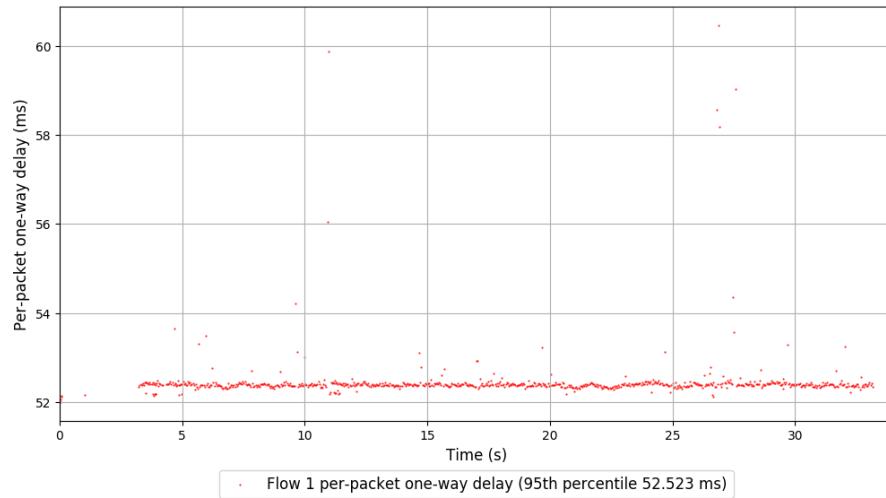
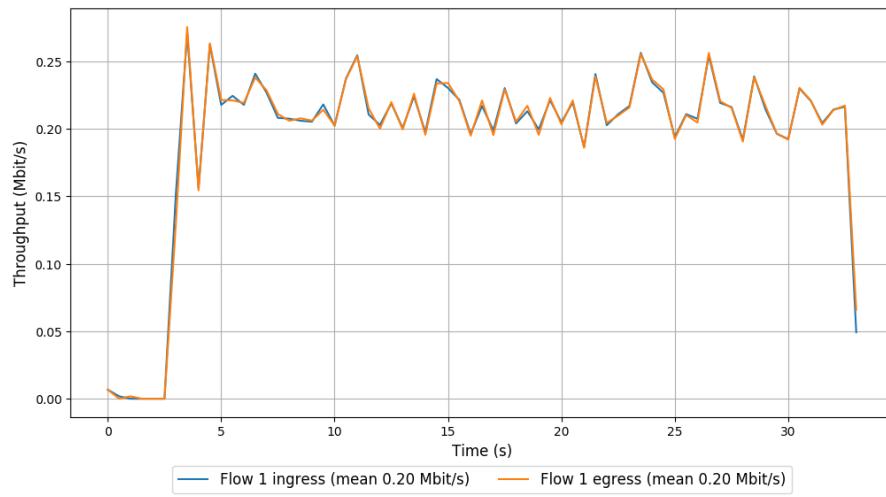


Run 8: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:09:29 +0000
End at: Mon, 19 Jun 2017 23:09:59 +0000
Local clock offset: 0.778 ms
Remote clock offset: -0.609 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.523 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

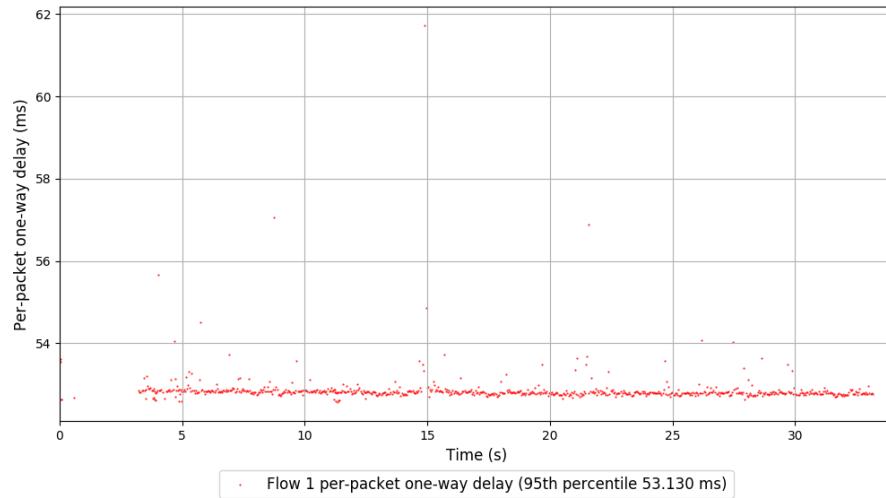
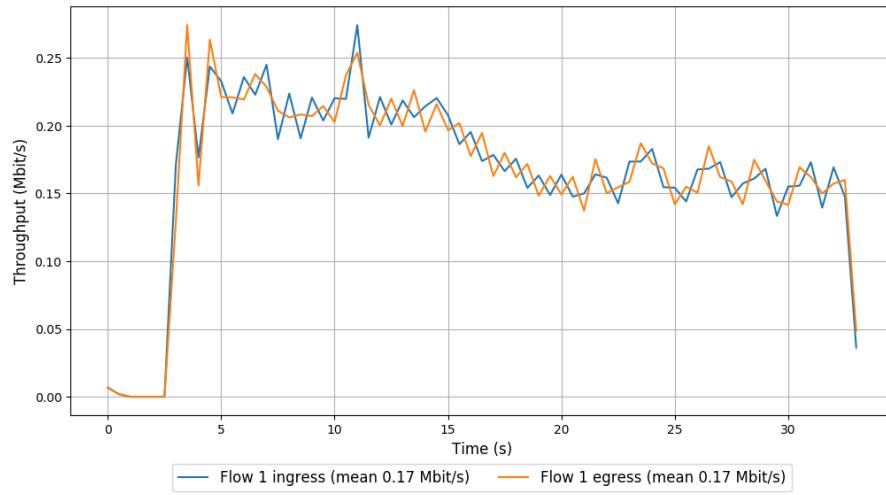


Run 9: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:29:05 +0000
End at: Mon, 19 Jun 2017 23:29:35 +0000
Local clock offset: 1.193 ms
Remote clock offset: -3.142 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 53.130 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 53.130 ms
Loss rate: 0.16%
```

Run 9: Report of SCReAM — Data Link

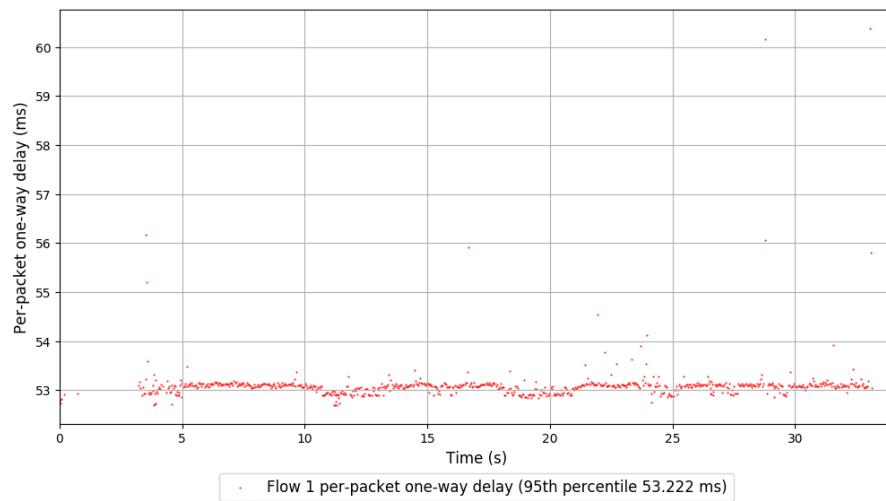
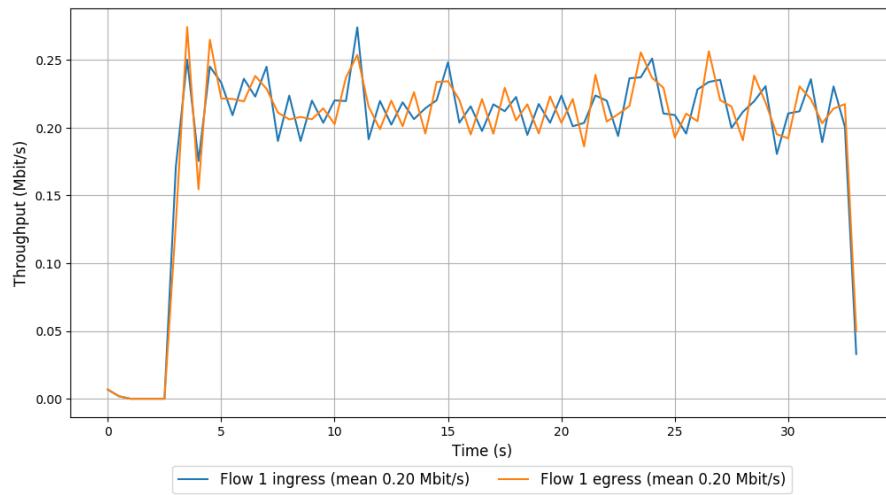


Run 10: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:48:43 +0000
End at: Mon, 19 Jun 2017 23:49:13 +0000
Local clock offset: 1.549 ms
Remote clock offset: -1.052 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

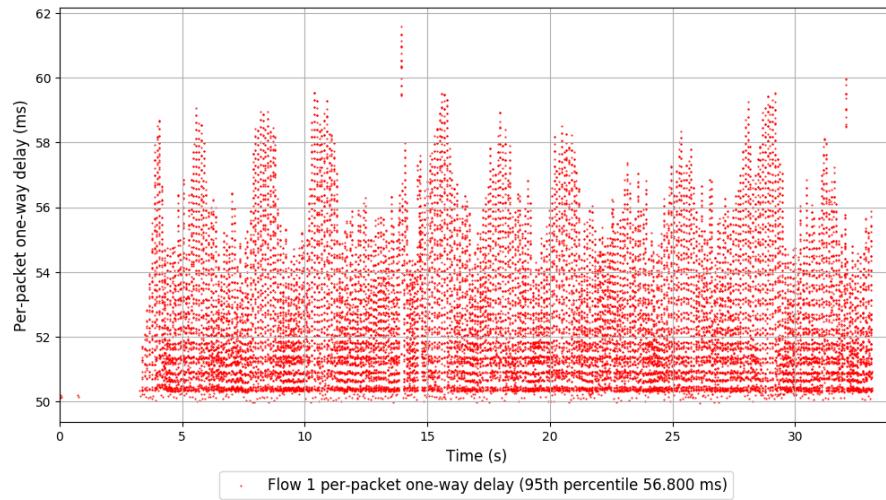
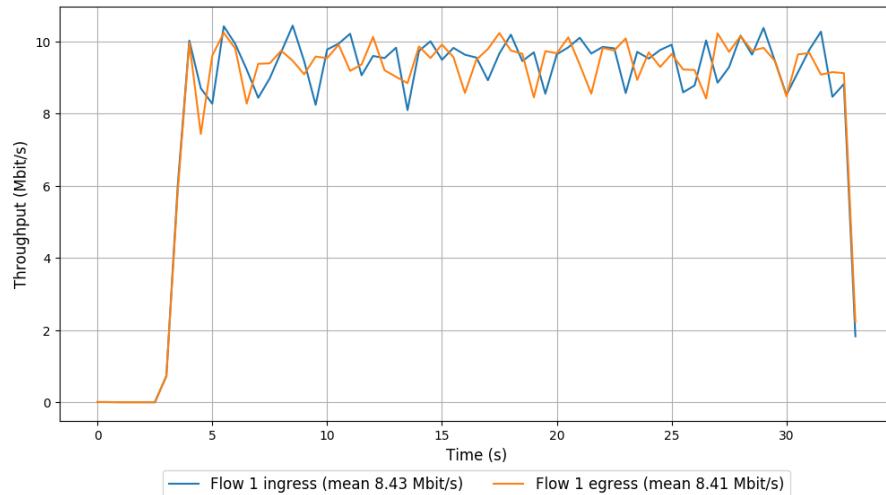


Run 1: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 20:57:14 +0000
End at: Mon, 19 Jun 2017 20:57:44 +0000
Local clock offset: -0.29 ms
Remote clock offset: -0.245 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 56.800 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 56.800 ms
Loss rate: 0.21%
```

Run 1: Report of Sprout — Data Link

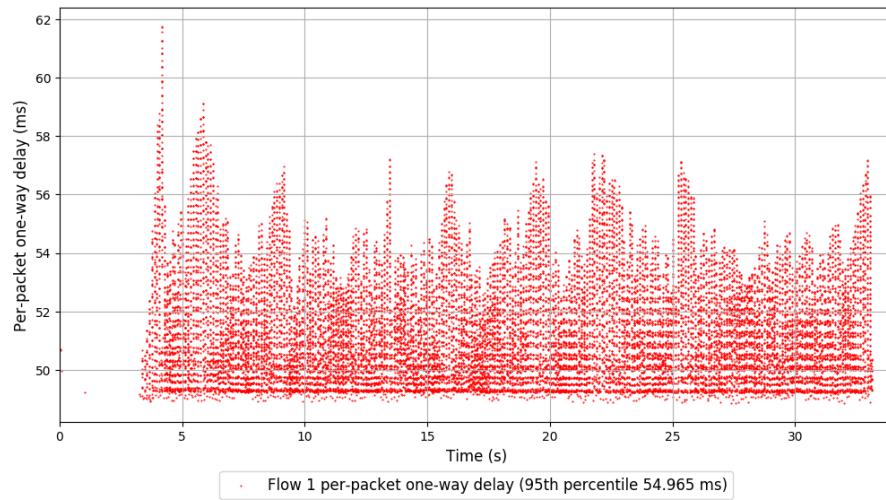
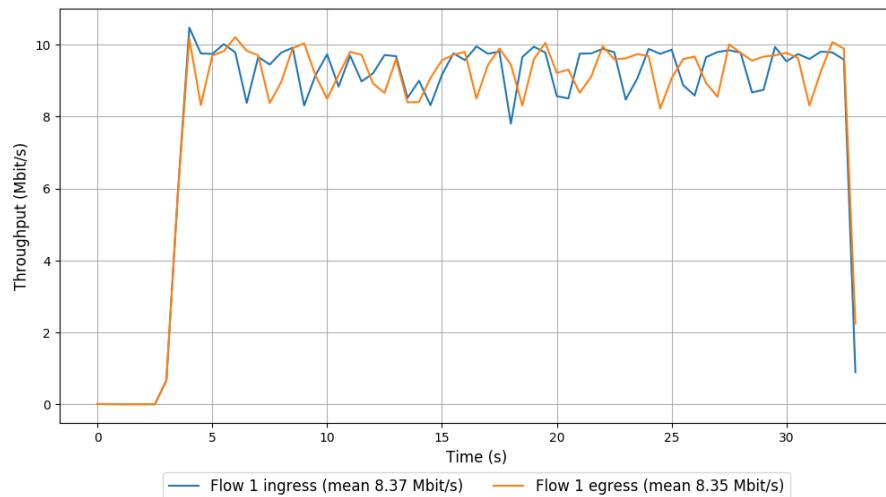


Run 2: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:16:50 +0000
End at: Mon, 19 Jun 2017 21:17:20 +0000
Local clock offset: -1.278 ms
Remote clock offset: -2.138 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 54.965 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 54.965 ms
Loss rate: 0.34%
```

Run 2: Report of Sprout — Data Link

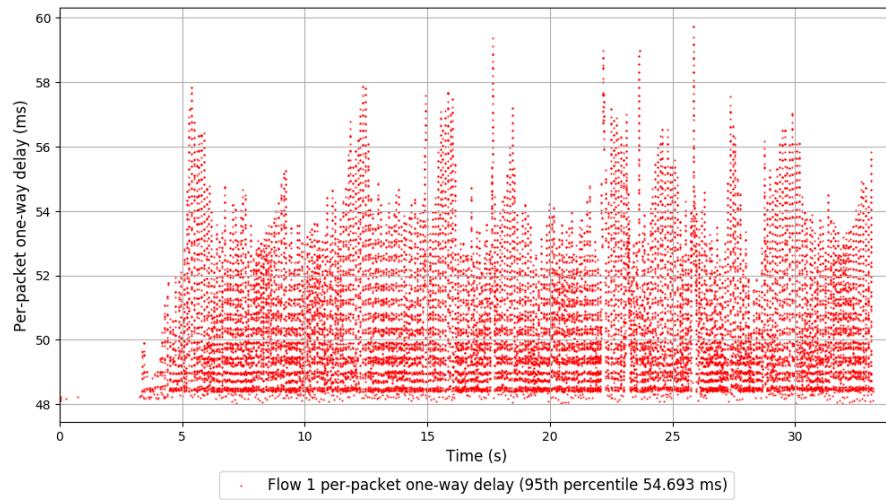
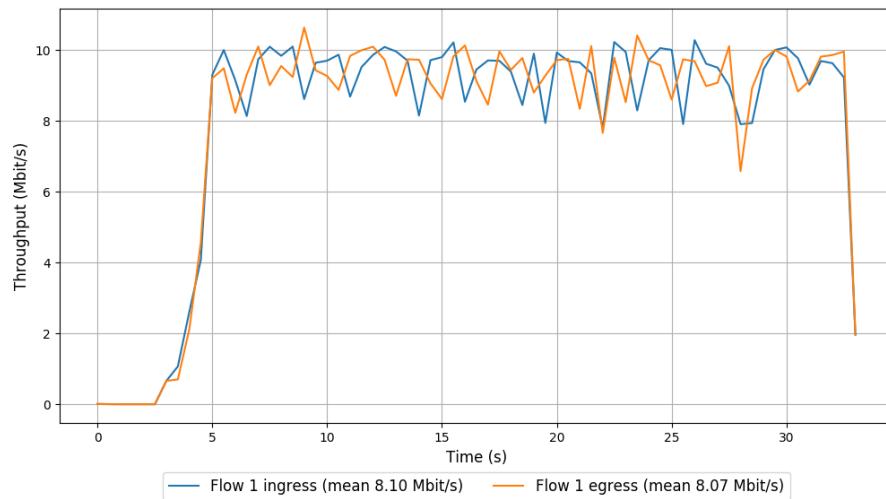


Run 3: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:36:30 +0000
End at: Mon, 19 Jun 2017 21:37:00 +0000
Local clock offset: -1.916 ms
Remote clock offset: -1.776 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 54.693 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 54.693 ms
Loss rate: 0.36%
```

Run 3: Report of Sprout — Data Link

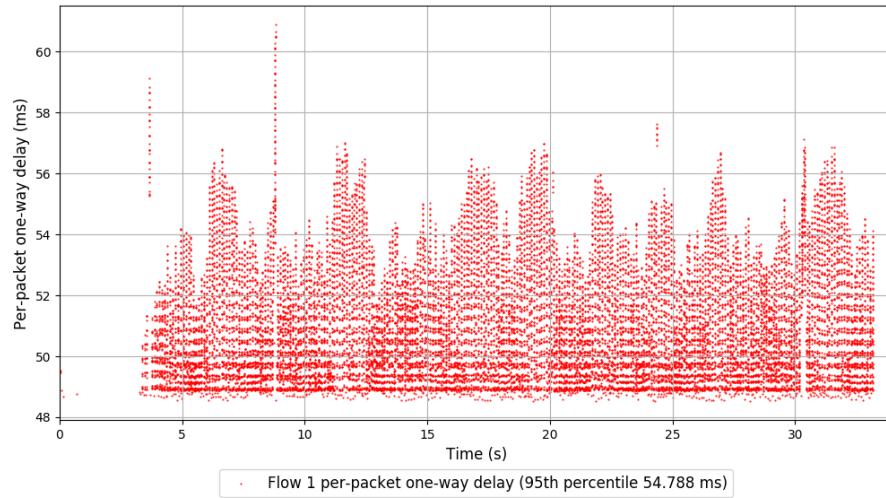
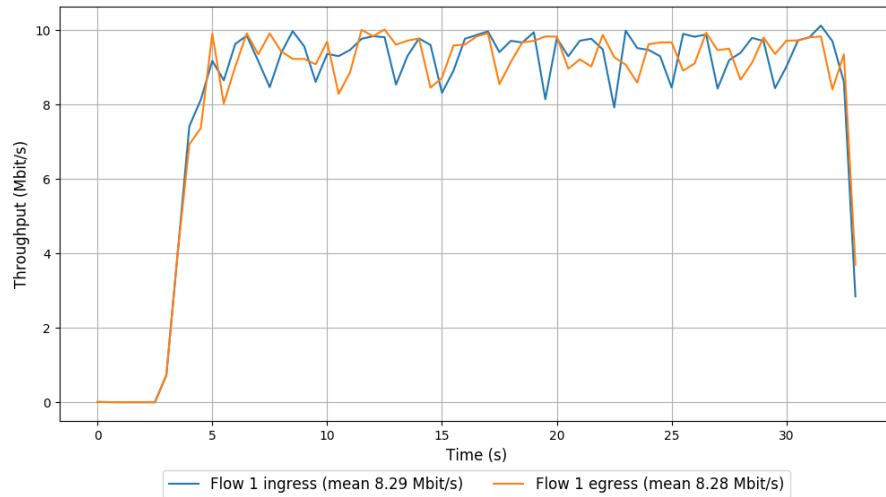


Run 4: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:56:11 +0000
End at: Mon, 19 Jun 2017 21:56:41 +0000
Local clock offset: -1.219 ms
Remote clock offset: -1.671 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 54.788 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 54.788 ms
Loss rate: 0.03%
```

Run 4: Report of Sprout — Data Link

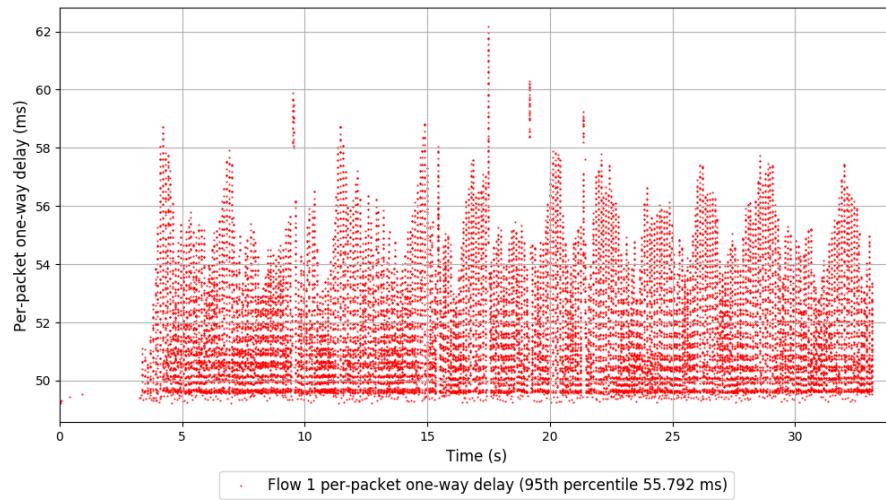
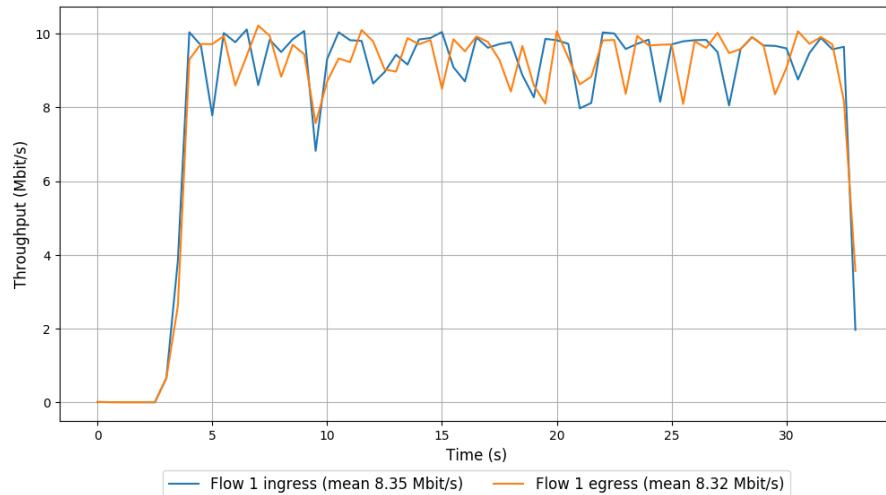


Run 5: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:15:45 +0000
End at: Mon, 19 Jun 2017 22:16:15 +0000
Local clock offset: -0.637 ms
Remote clock offset: 0.276 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 55.792 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 55.792 ms
Loss rate: 0.41%
```

Run 5: Report of Sprout — Data Link

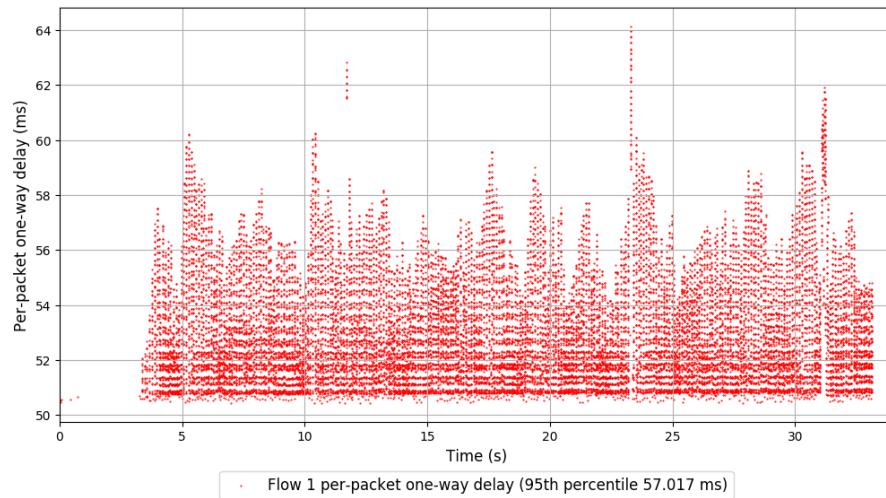
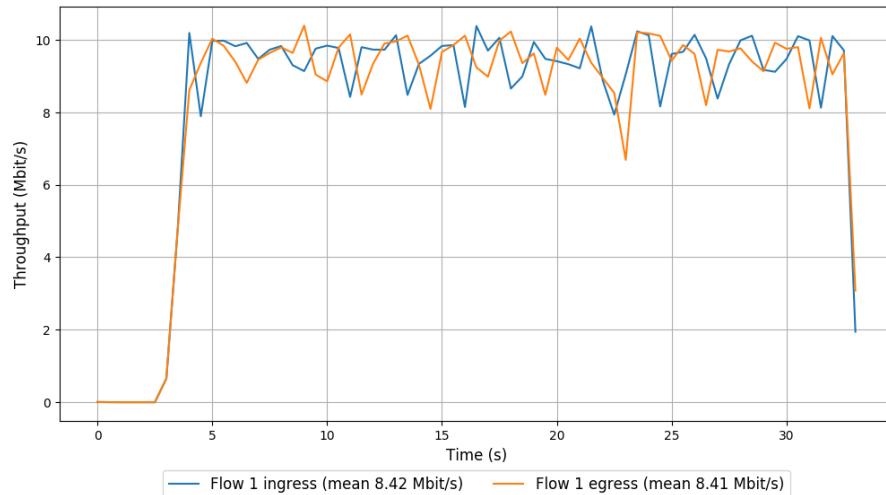


Run 6: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:35:17 +0000
End at: Mon, 19 Jun 2017 22:35:47 +0000
Local clock offset: 0.119 ms
Remote clock offset: -2.181 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 57.017 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 57.017 ms
Loss rate: 0.18%
```

Run 6: Report of Sprout — Data Link

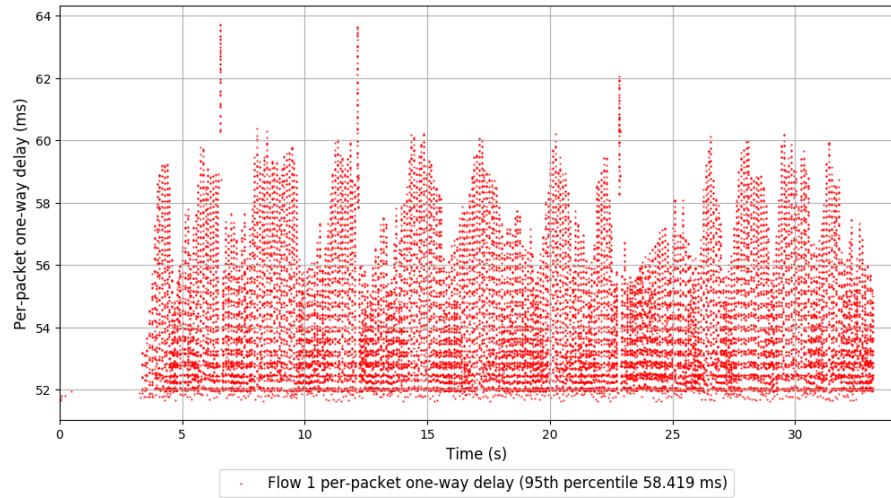
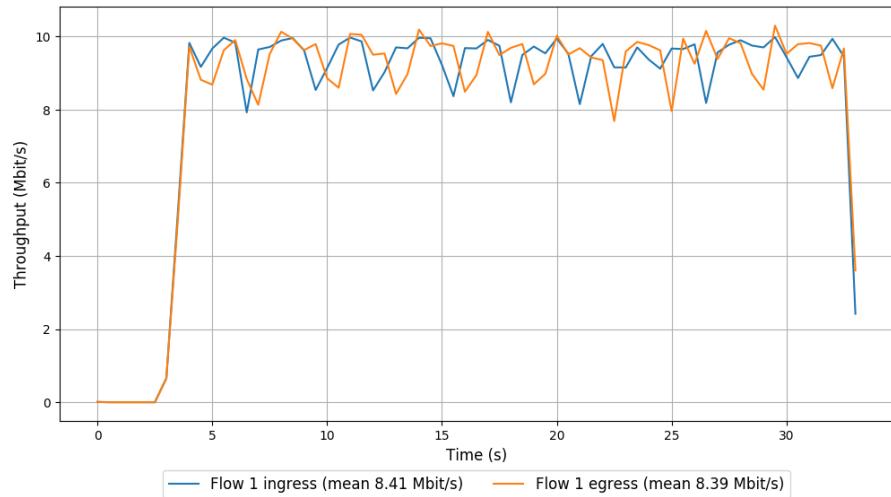


Run 7: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:54:59 +0000
End at: Mon, 19 Jun 2017 22:55:29 +0000
Local clock offset: 0.52 ms
Remote clock offset: -2.967 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 58.419 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 58.419 ms
Loss rate: 0.27%
```

Run 7: Report of Sprout — Data Link

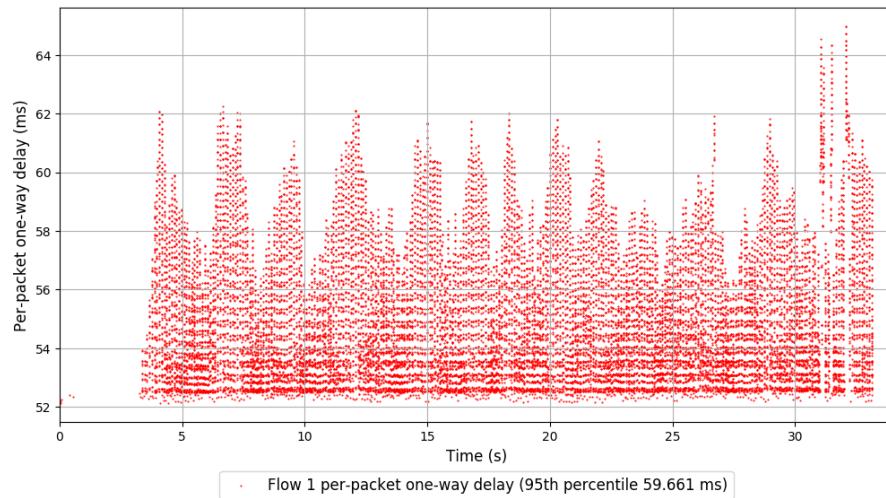
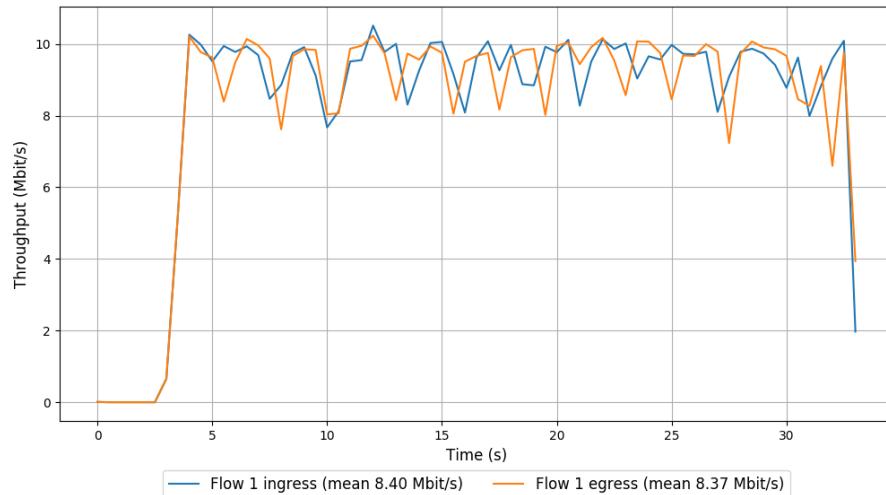


Run 8: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:14:39 +0000
End at: Mon, 19 Jun 2017 23:15:09 +0000
Local clock offset: 0.801 ms
Remote clock offset: -3.269 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 59.661 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 59.661 ms
Loss rate: 0.35%
```

Run 8: Report of Sprout — Data Link

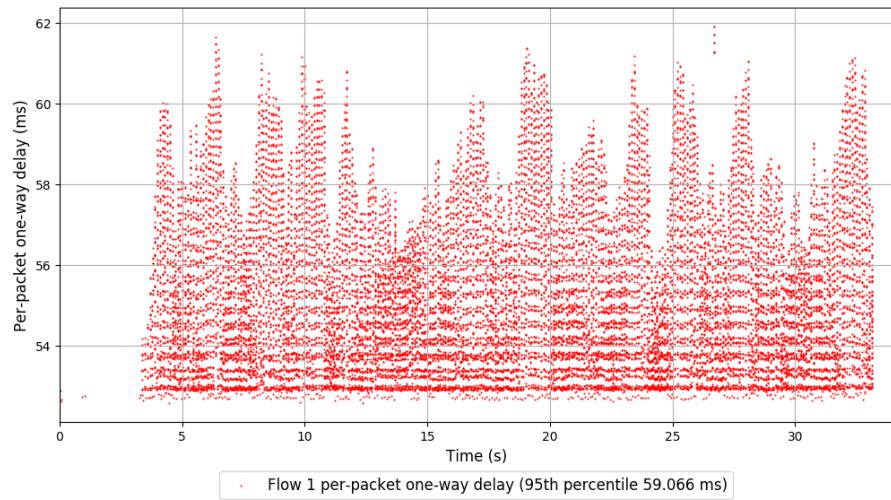
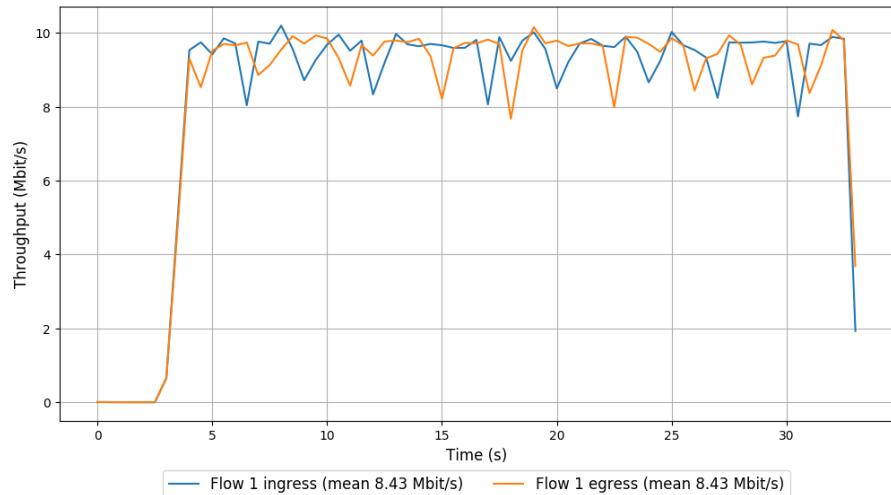


Run 9: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:34:16 +0000
End at: Mon, 19 Jun 2017 23:34:46 +0000
Local clock offset: 1.379 ms
Remote clock offset: -1.016 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 59.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 59.066 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

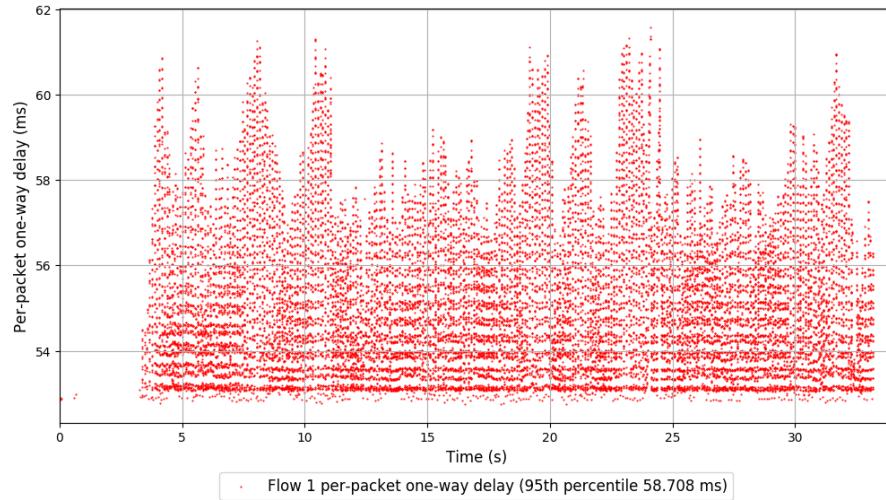
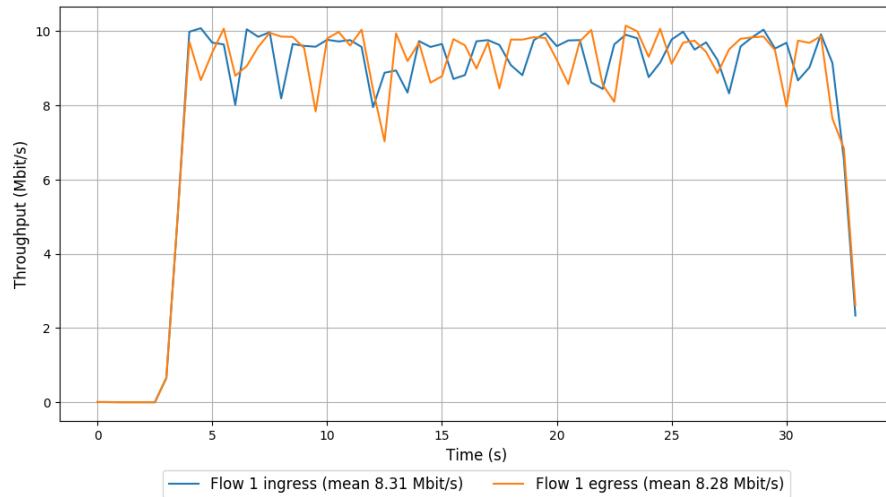


Run 10: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:53:53 +0000
End at: Mon, 19 Jun 2017 23:54:23 +0000
Local clock offset: 1.476 ms
Remote clock offset: -3.069 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:12:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 58.708 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 58.708 ms
Loss rate: 0.37%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 20:50:38 +0000

End at: Mon, 19 Jun 2017 20:51:08 +0000

Local clock offset: -0.131 ms

Remote clock offset: 0.424 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:13:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.07 Mbit/s

95th percentile per-packet one-way delay: 68.868 ms

Loss rate: 0.46%

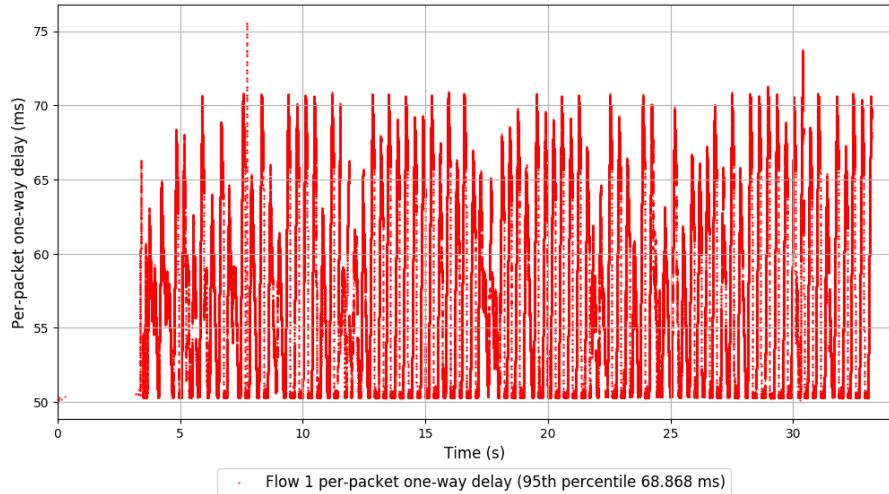
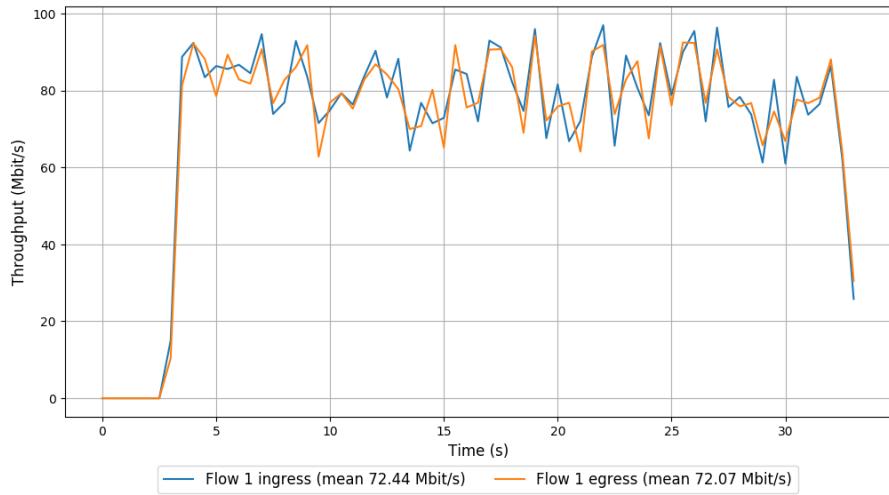
-- Flow 1:

Average throughput: 72.07 Mbit/s

95th percentile per-packet one-way delay: 68.868 ms

Loss rate: 0.46%

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

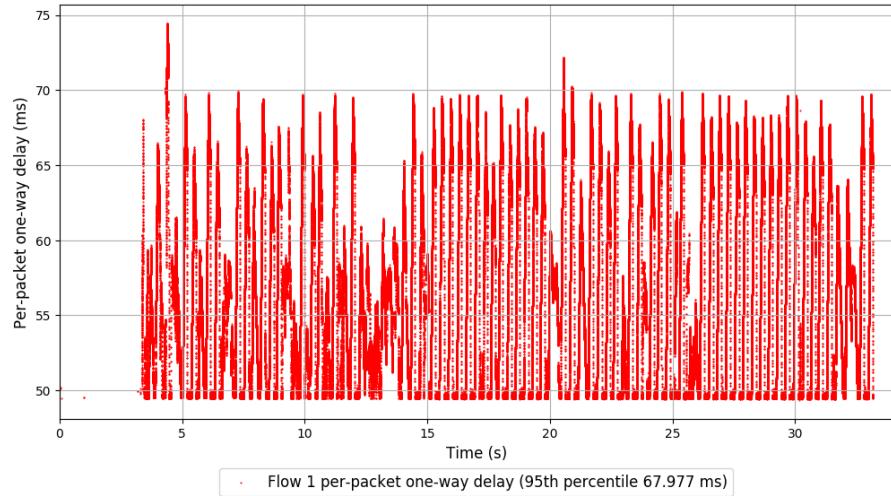
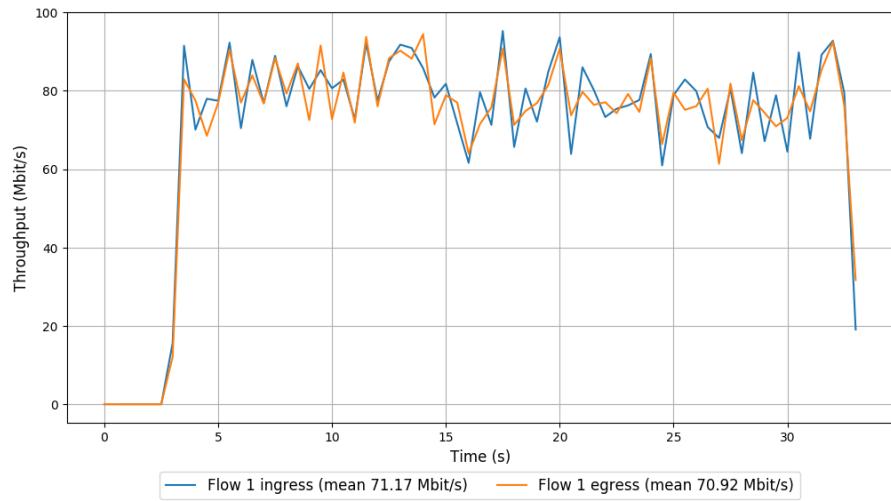


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:10:12 +0000
End at: Mon, 19 Jun 2017 21:10:42 +0000
Local clock offset: -0.958 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:13:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 67.977 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 67.977 ms
Loss rate: 0.37%
```

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 21:29:54 +0000

End at: Mon, 19 Jun 2017 21:30:24 +0000

Local clock offset: -1.733 ms

Remote clock offset: 0.602 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:13:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.93 Mbit/s

95th percentile per-packet one-way delay: 65.835 ms

Loss rate: 0.63%

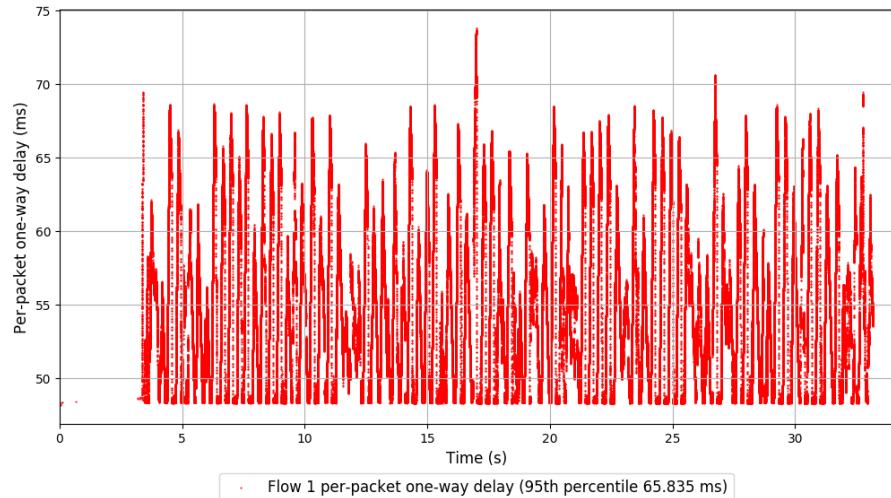
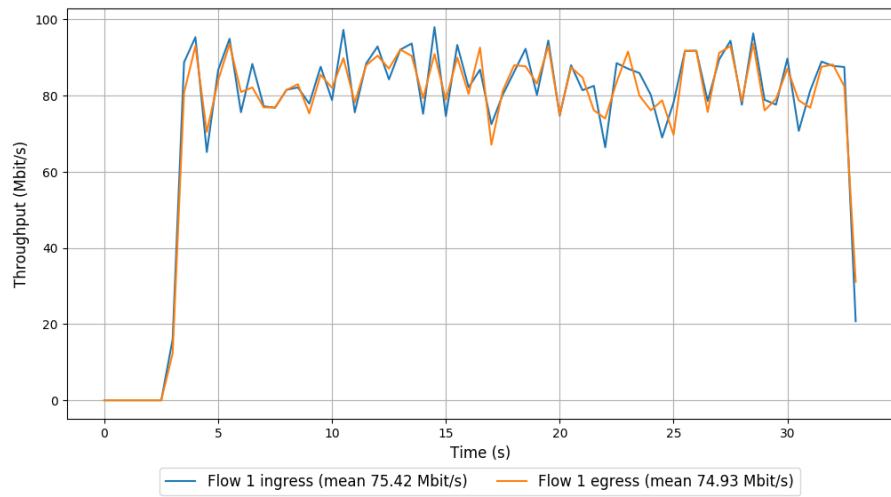
-- Flow 1:

Average throughput: 74.93 Mbit/s

95th percentile per-packet one-way delay: 65.835 ms

Loss rate: 0.63%

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

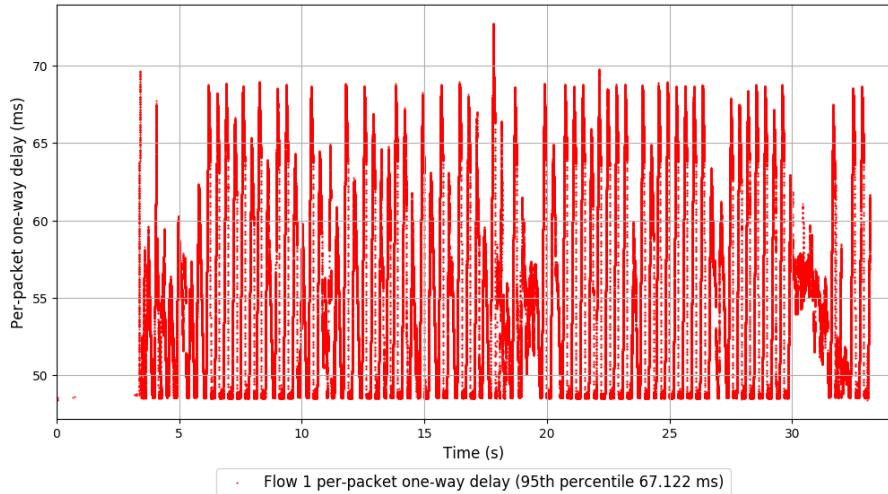
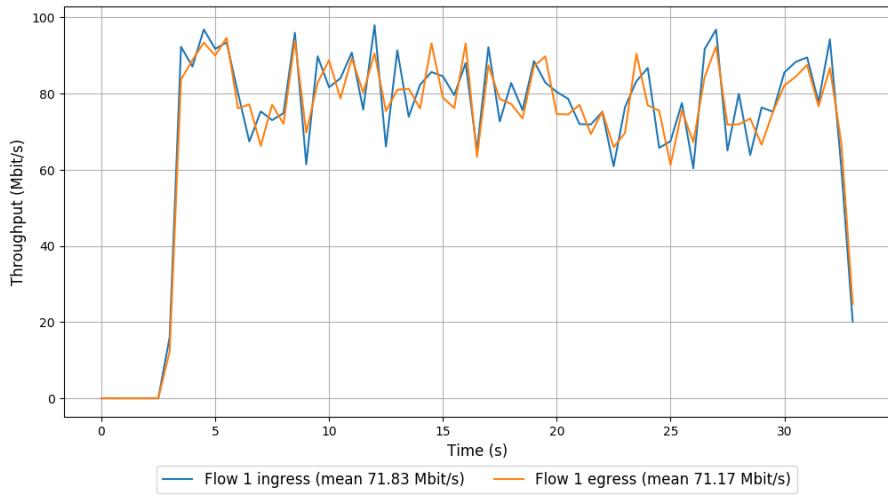


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:49:33 +0000
End at: Mon, 19 Jun 2017 21:50:03 +0000
Local clock offset: -1.401 ms
Remote clock offset: 0.767 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:13:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 67.122 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 67.122 ms
Loss rate: 0.89%
```

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

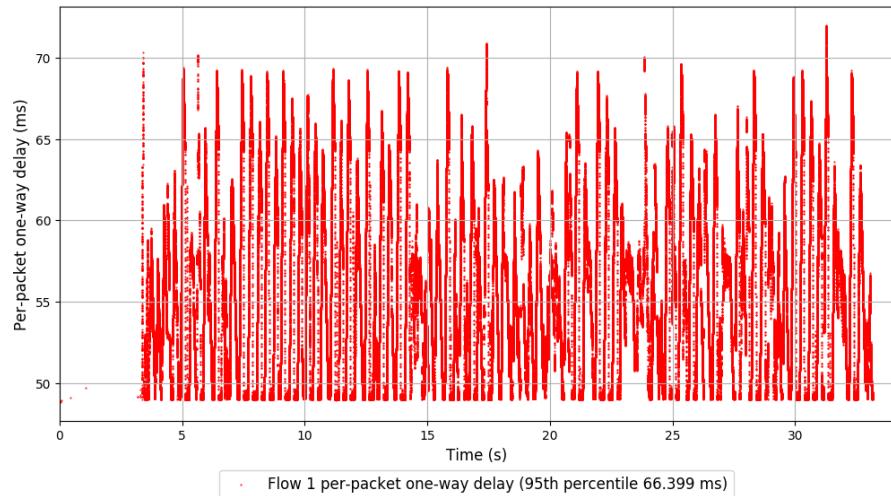
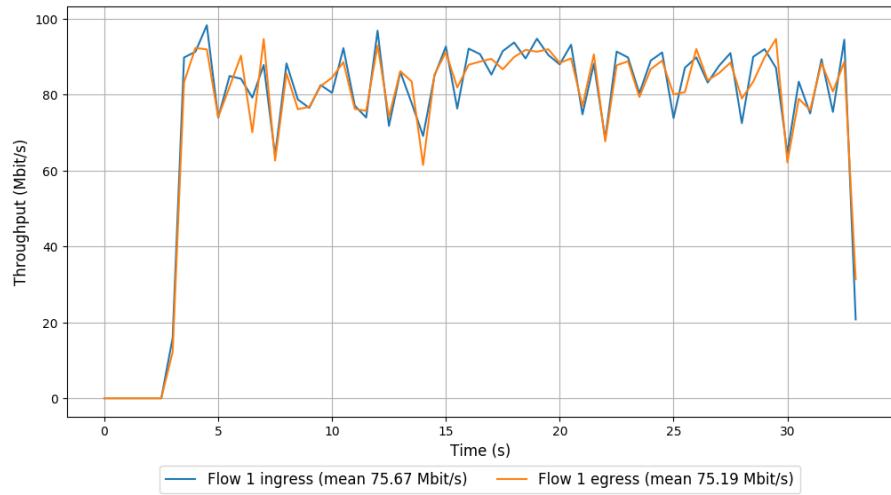


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:09:11 +0000
End at: Mon, 19 Jun 2017 22:09:41 +0000
Local clock offset: -0.815 ms
Remote clock offset: 0.903 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:13:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 66.399 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 66.399 ms
Loss rate: 0.63%
```

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

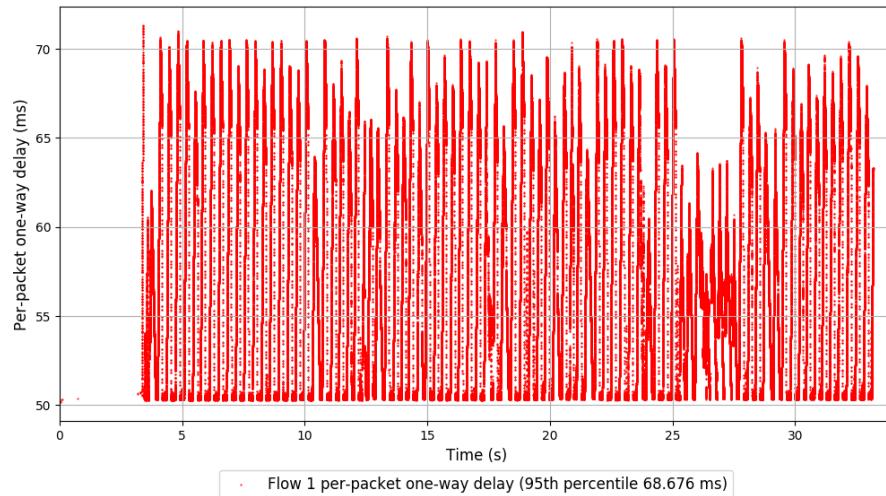
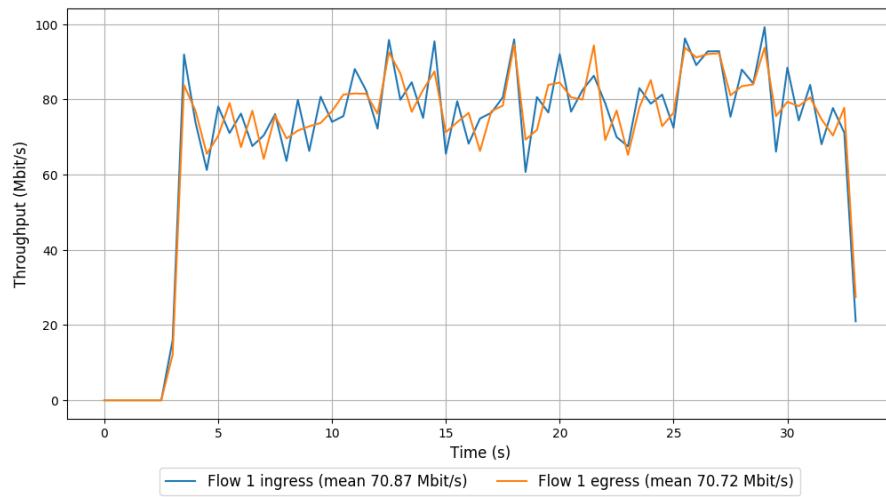


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:28:44 +0000
End at: Mon, 19 Jun 2017 22:29:14 +0000
Local clock offset: -0.172 ms
Remote clock offset: -2.28 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:13:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.72 Mbit/s
95th percentile per-packet one-way delay: 68.676 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 70.72 Mbit/s
95th percentile per-packet one-way delay: 68.676 ms
Loss rate: 0.17%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 22:48:21 +0000

End at: Mon, 19 Jun 2017 22:48:51 +0000

Local clock offset: 0.306 ms

Remote clock offset: -2.915 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:14:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.56 Mbit/s

95th percentile per-packet one-way delay: 70.471 ms

Loss rate: 0.15%

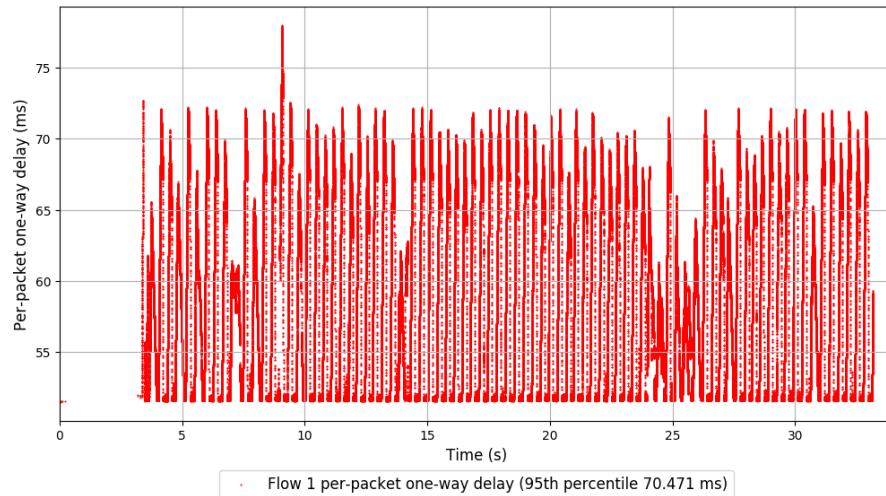
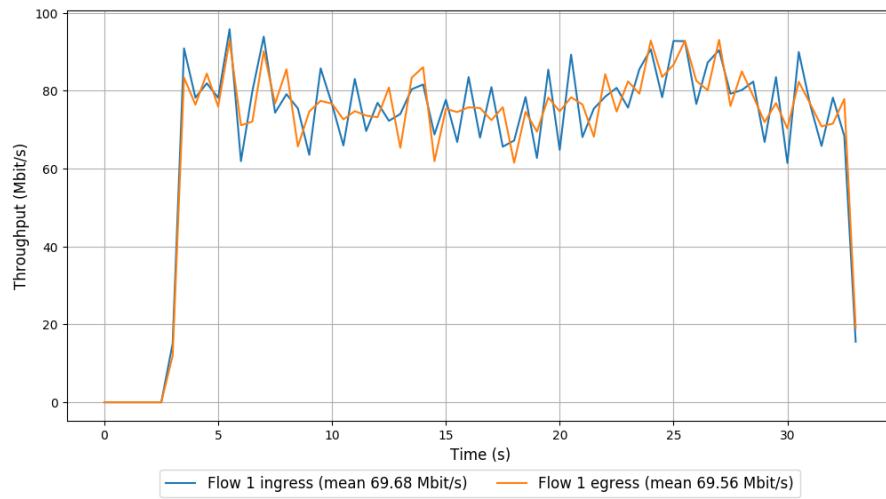
-- Flow 1:

Average throughput: 69.56 Mbit/s

95th percentile per-packet one-way delay: 70.471 ms

Loss rate: 0.15%

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

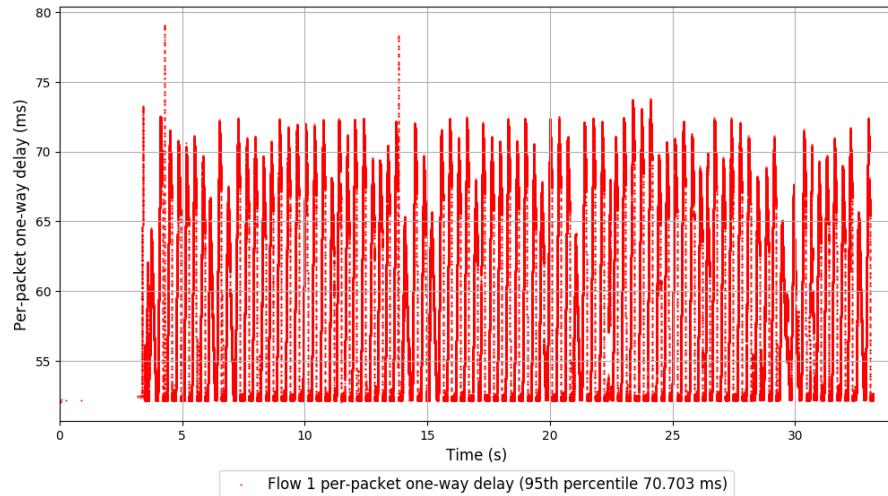
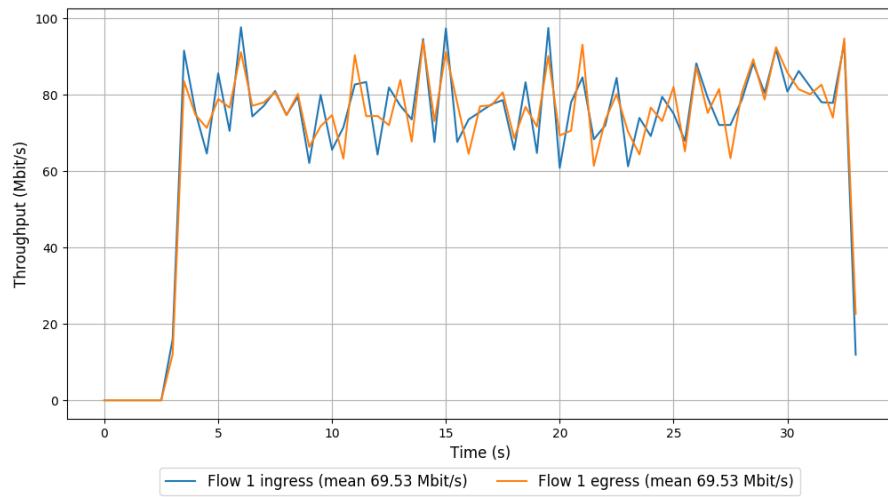


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:08:05 +0000
End at: Mon, 19 Jun 2017 23:08:35 +0000
Local clock offset: 0.626 ms
Remote clock offset: -3.117 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 70.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 70.703 ms
Loss rate: 0.00%
```

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

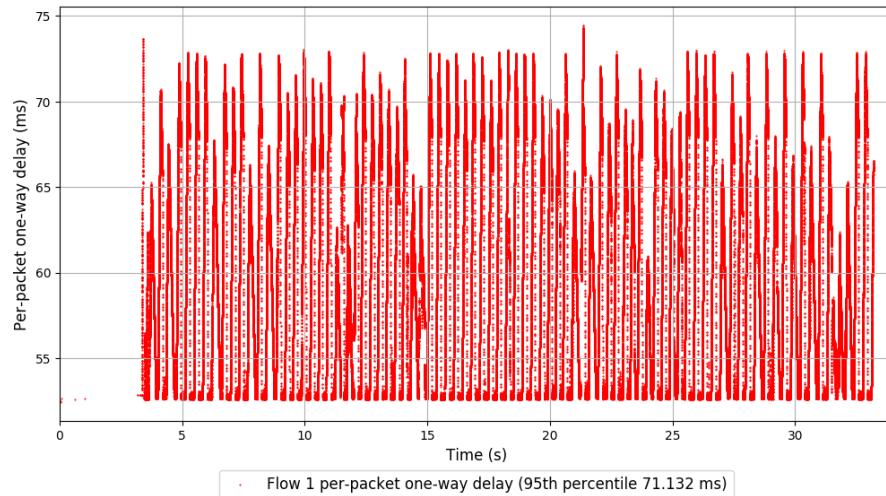
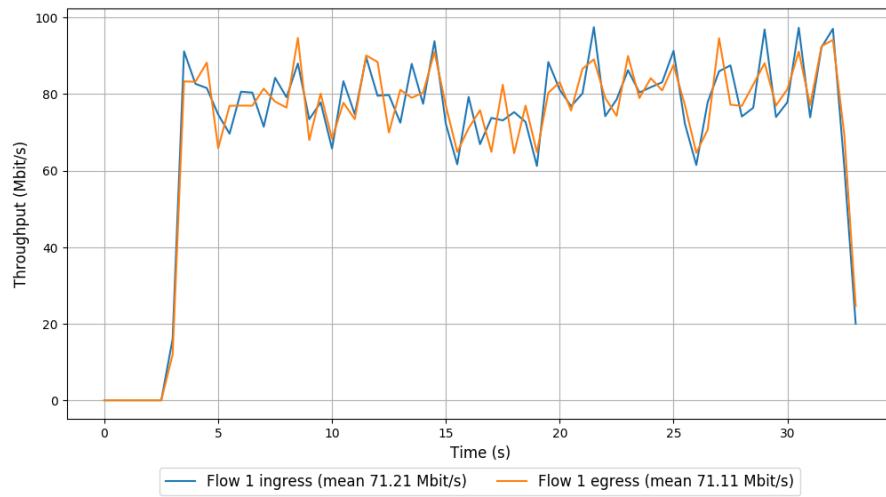


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:27:42 +0000
End at: Mon, 19 Jun 2017 23:28:12 +0000
Local clock offset: 1.137 ms
Remote clock offset: -3.198 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.11 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 71.11 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.09%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 23:47:19 +0000

End at: Mon, 19 Jun 2017 23:47:49 +0000

Local clock offset: 1.531 ms

Remote clock offset: -0.658 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:14:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.94 Mbit/s

95th percentile per-packet one-way delay: 71.436 ms

Loss rate: 0.24%

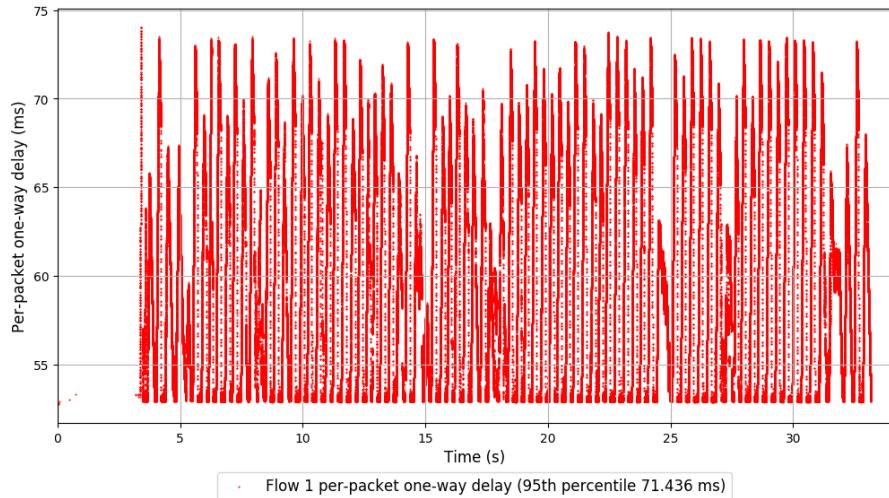
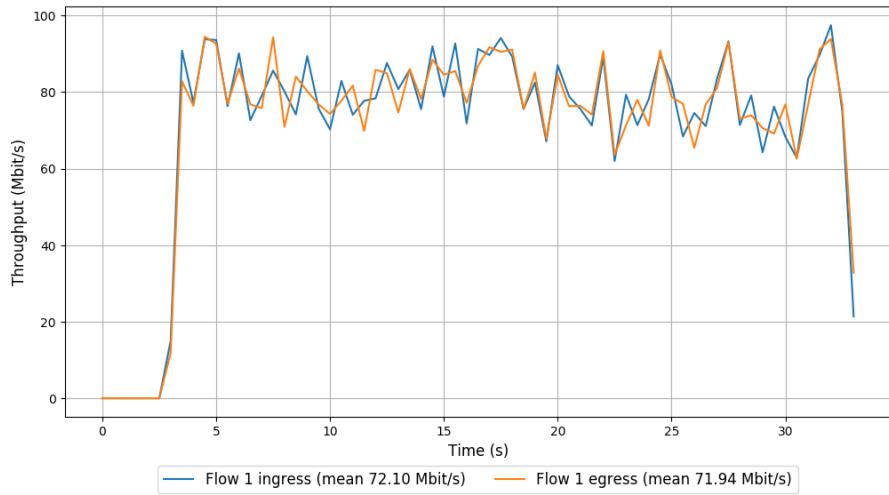
-- Flow 1:

Average throughput: 71.94 Mbit/s

95th percentile per-packet one-way delay: 71.436 ms

Loss rate: 0.24%

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

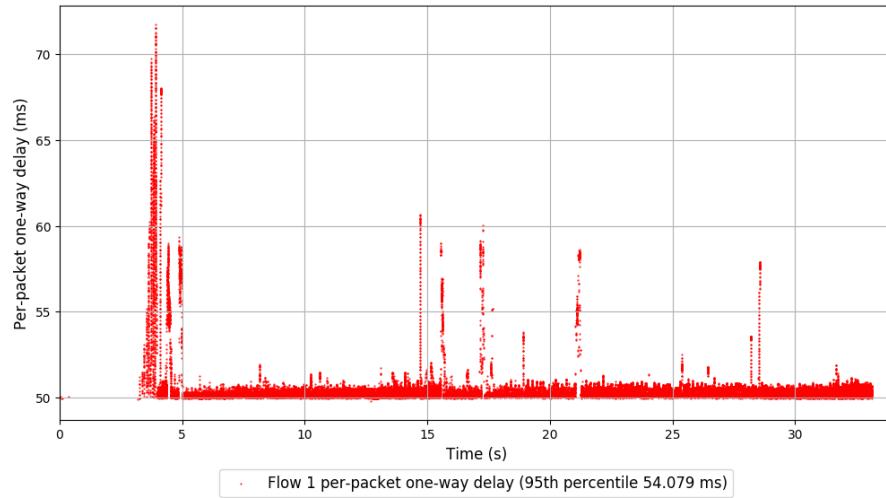
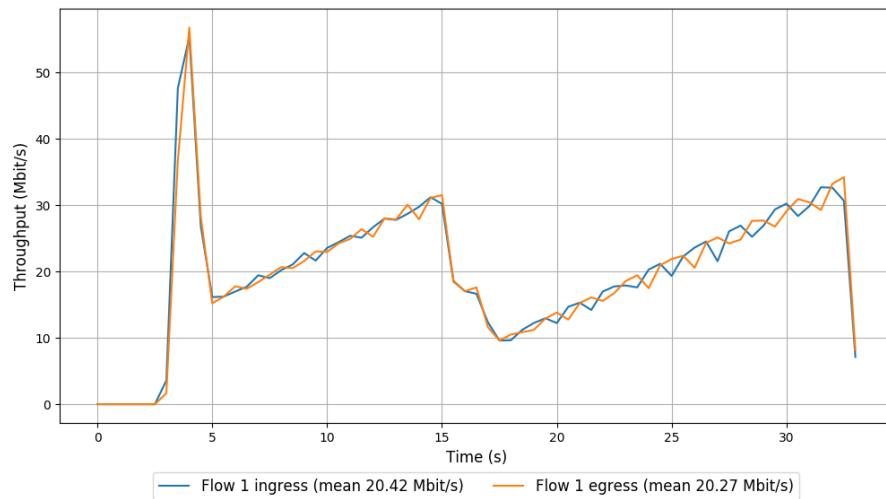


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:01:05 +0000
End at: Mon, 19 Jun 2017 21:01:35 +0000
Local clock offset: -0.434 ms
Remote clock offset: -0.262 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 54.079 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 54.079 ms
Loss rate: 0.72%
```

Run 1: Report of TCP Vegas — Data Link

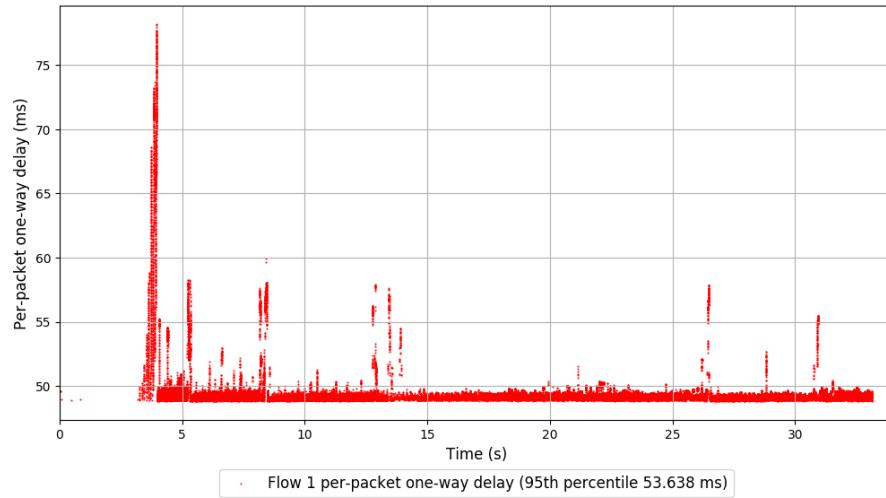
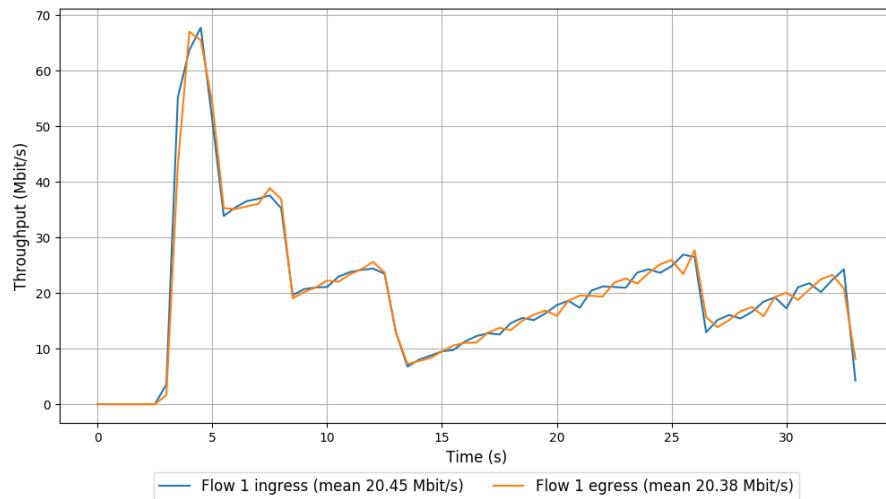


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:20:42 +0000
End at: Mon, 19 Jun 2017 21:21:12 +0000
Local clock offset: -1.44 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.38 Mbit/s
95th percentile per-packet one-way delay: 53.638 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 20.38 Mbit/s
95th percentile per-packet one-way delay: 53.638 ms
Loss rate: 0.48%
```

Run 2: Report of TCP Vegas — Data Link

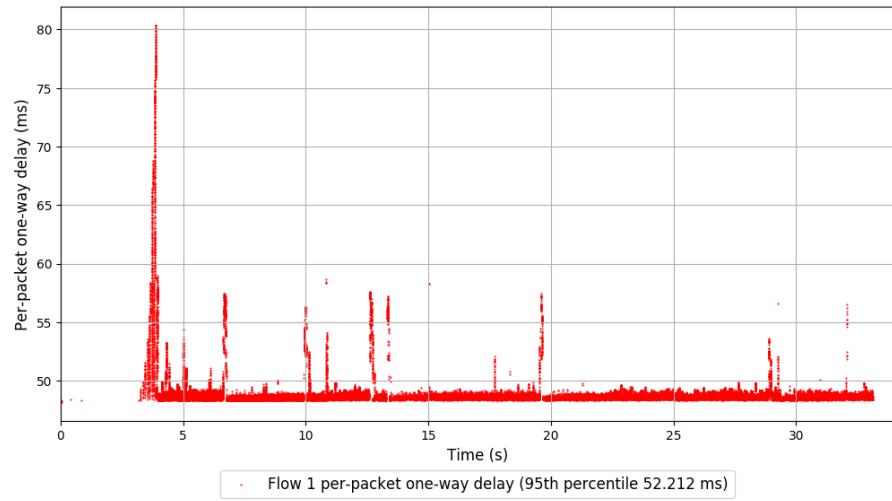
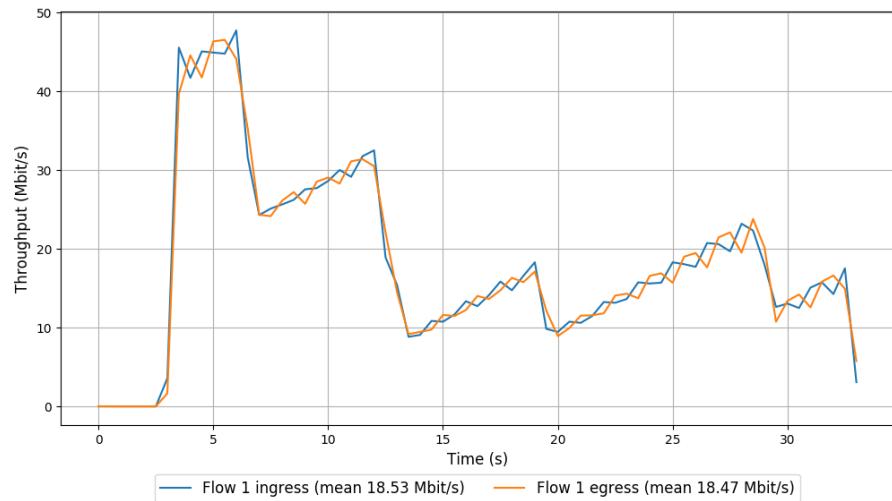


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:40:22 +0000
End at: Mon, 19 Jun 2017 21:40:52 +0000
Local clock offset: -1.677 ms
Remote clock offset: 0.665 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 52.212 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 52.212 ms
Loss rate: 0.30%
```

Run 3: Report of TCP Vegas — Data Link

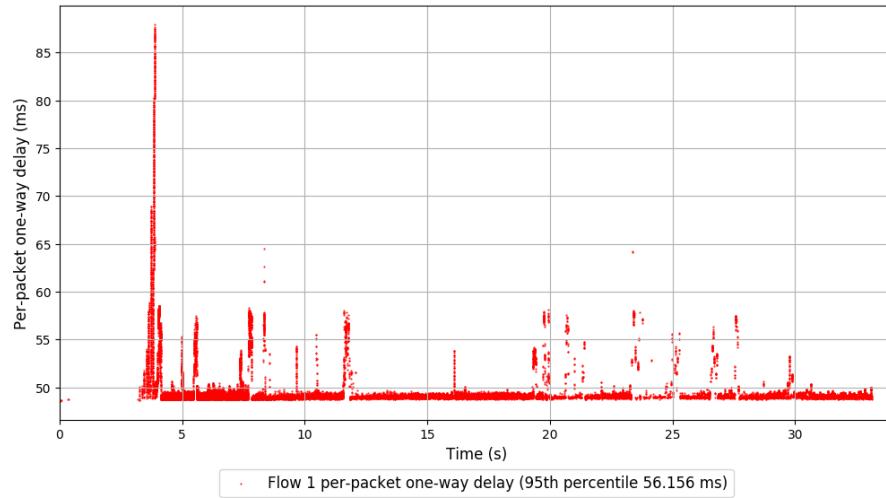
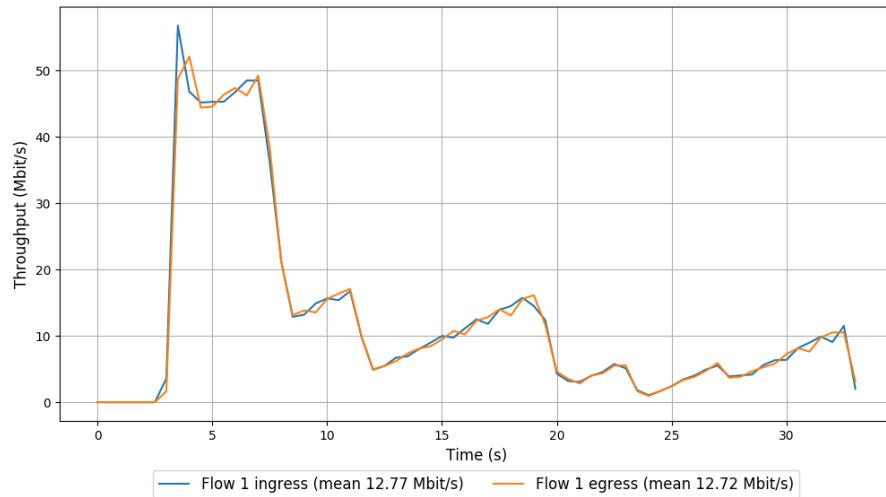


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:00:03 +0000
End at: Mon, 19 Jun 2017 22:00:33 +0000
Local clock offset: -1.16 ms
Remote clock offset: -1.521 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 56.156 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 56.156 ms
Loss rate: 0.39%
```

Run 4: Report of TCP Vegas — Data Link

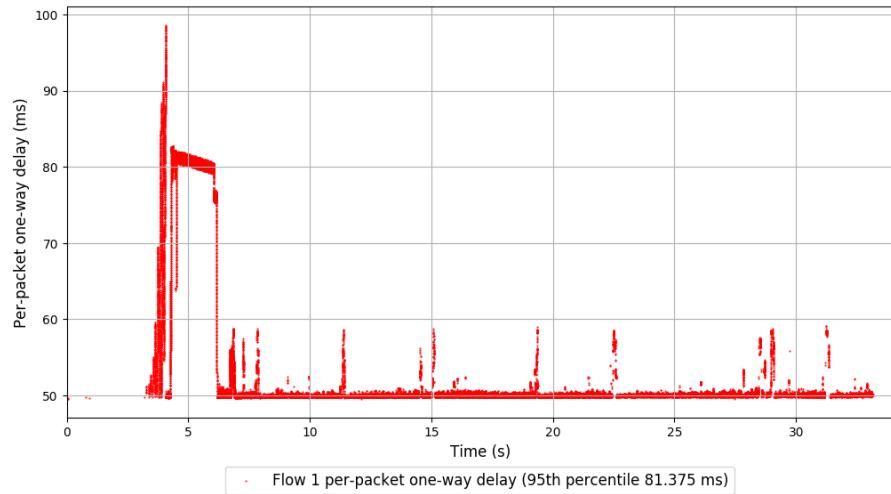
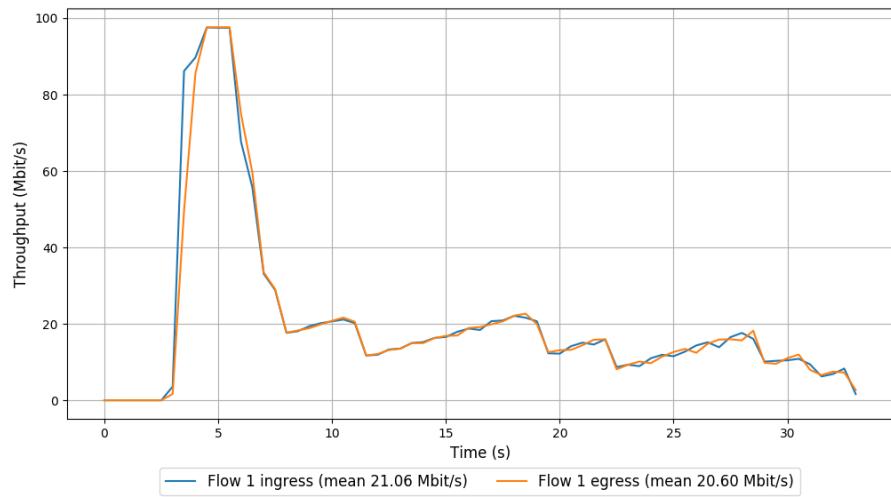


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:19:35 +0000
End at: Mon, 19 Jun 2017 22:20:05 +0000
Local clock offset: -0.592 ms
Remote clock offset: -1.902 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 81.375 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 81.375 ms
Loss rate: 2.14%
```

Run 5: Report of TCP Vegas — Data Link

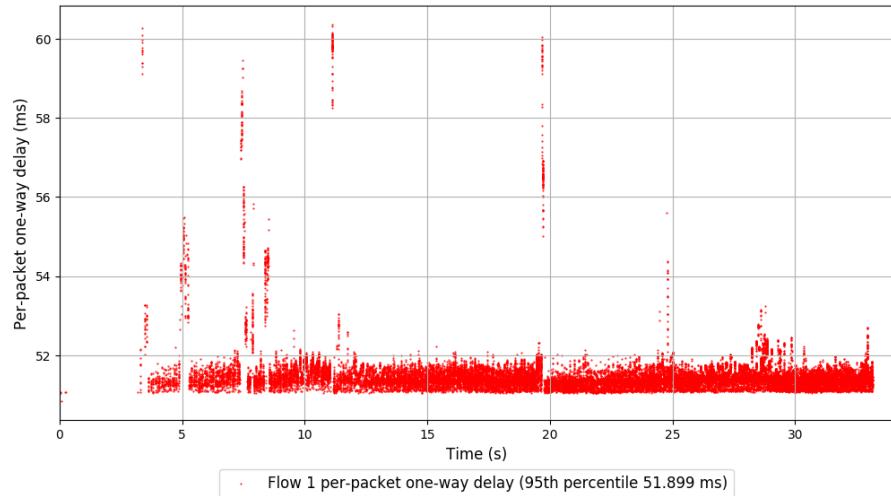
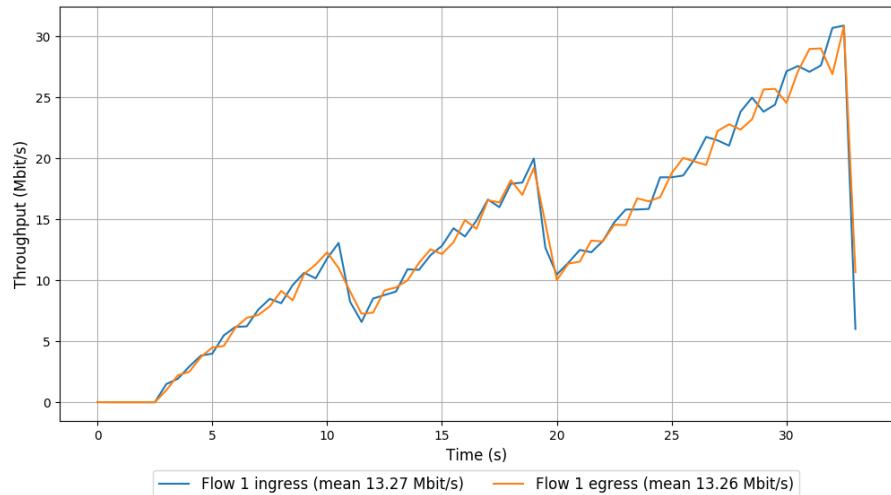


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:39:08 +0000
End at: Mon, 19 Jun 2017 22:39:38 +0000
Local clock offset: 0.137 ms
Remote clock offset: -0.562 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 51.899 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 51.899 ms
Loss rate: 0.09%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Mon, 19 Jun 2017 22:58:52 +0000

End at: Mon, 19 Jun 2017 22:59:22 +0000

Local clock offset: 0.586 ms

Remote clock offset: -1.11 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:14:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.99 Mbit/s

95th percentile per-packet one-way delay: 58.500 ms

Loss rate: 1.05%

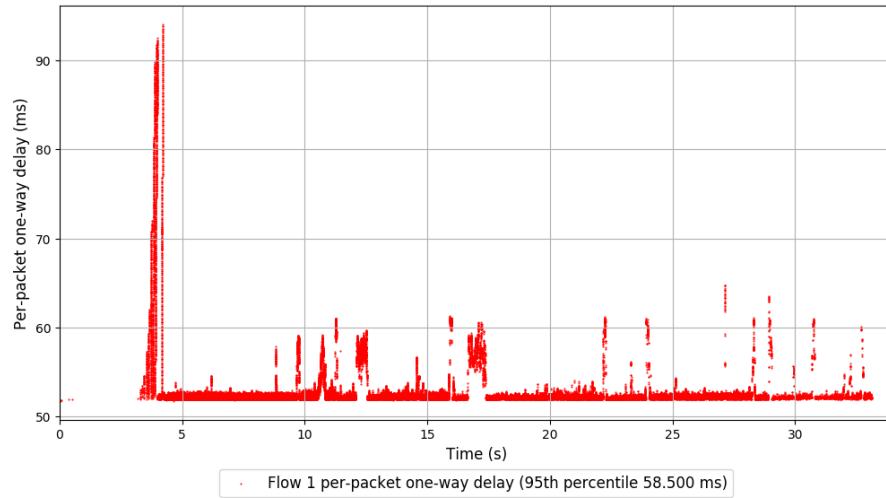
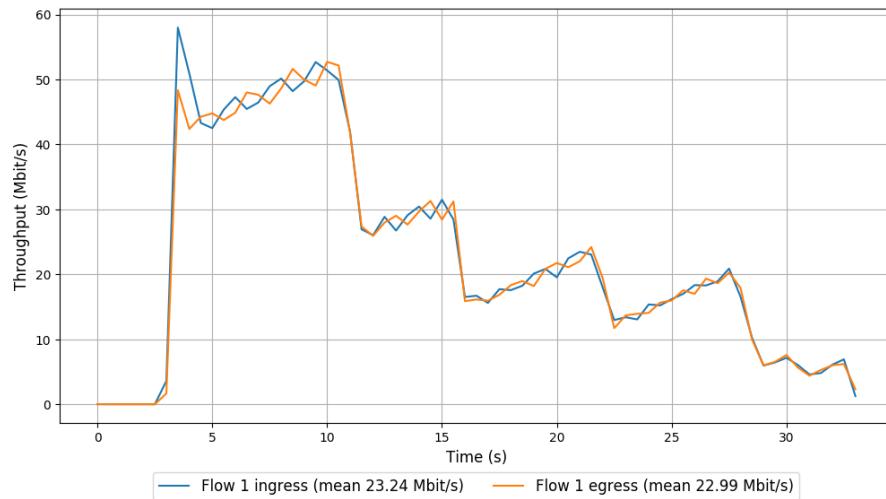
-- Flow 1:

Average throughput: 22.99 Mbit/s

95th percentile per-packet one-way delay: 58.500 ms

Loss rate: 1.05%

Run 7: Report of TCP Vegas — Data Link

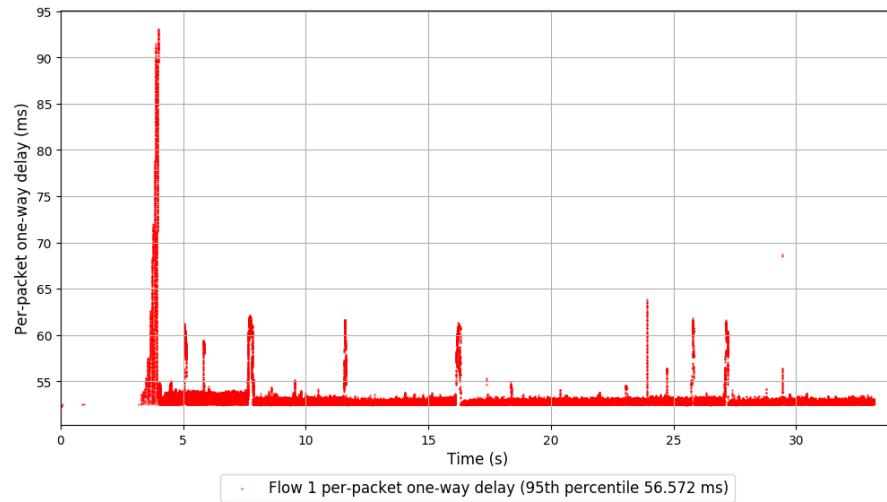
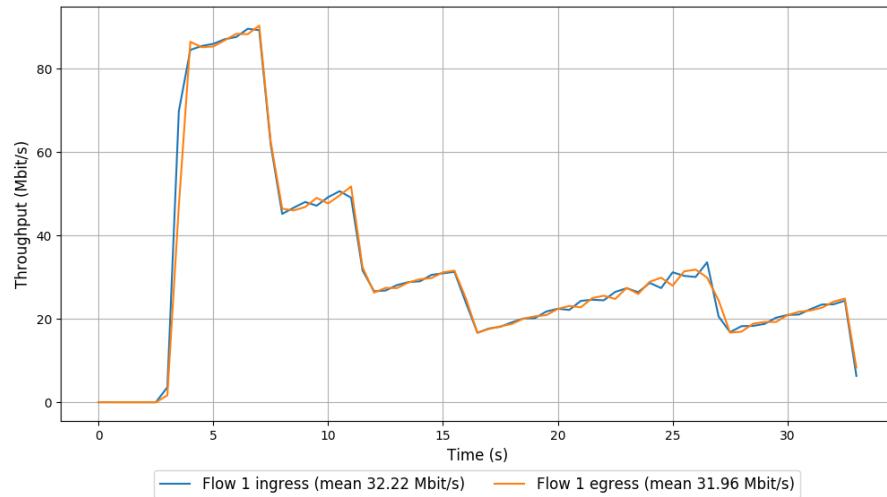


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:18:31 +0000
End at: Mon, 19 Jun 2017 23:19:01 +0000
Local clock offset: 1.004 ms
Remote clock offset: -3.24 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 56.572 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 56.572 ms
Loss rate: 0.84%
```

Run 8: Report of TCP Vegas — Data Link

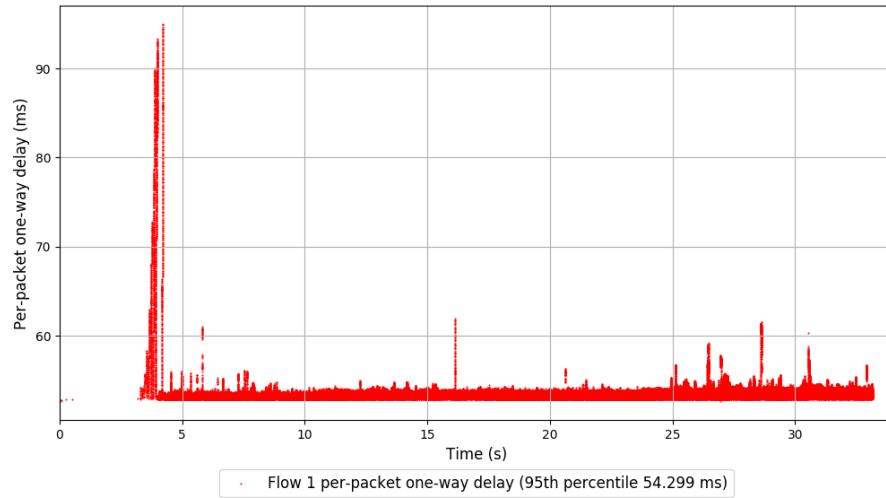
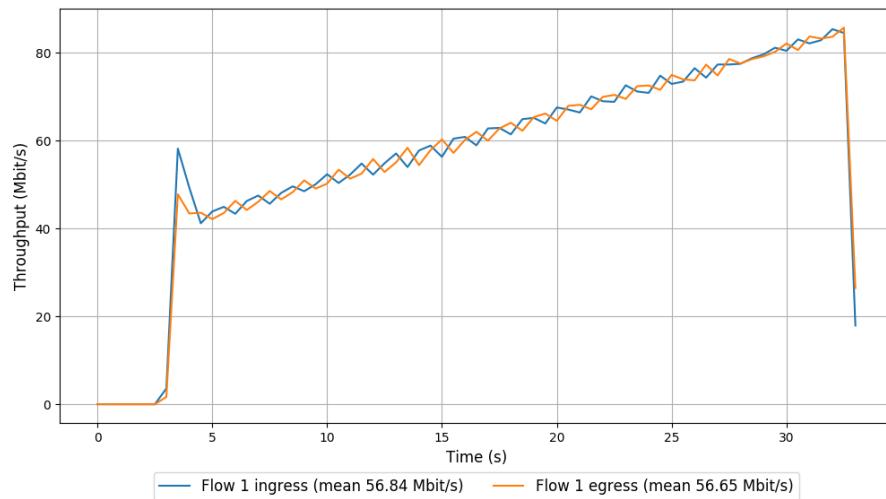


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:38:09 +0000
End at: Mon, 19 Jun 2017 23:38:39 +0000
Local clock offset: 1.348 ms
Remote clock offset: -1.08 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 54.299 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 54.299 ms
Loss rate: 0.35%
```

Run 9: Report of TCP Vegas — Data Link

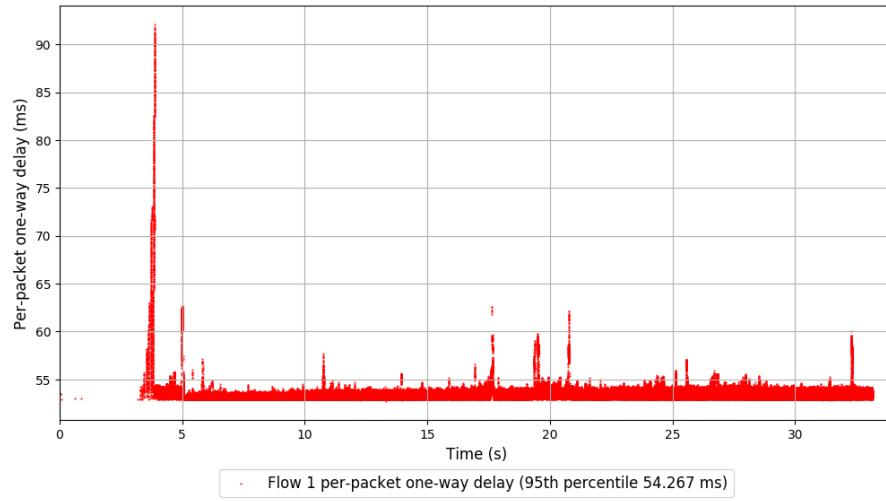
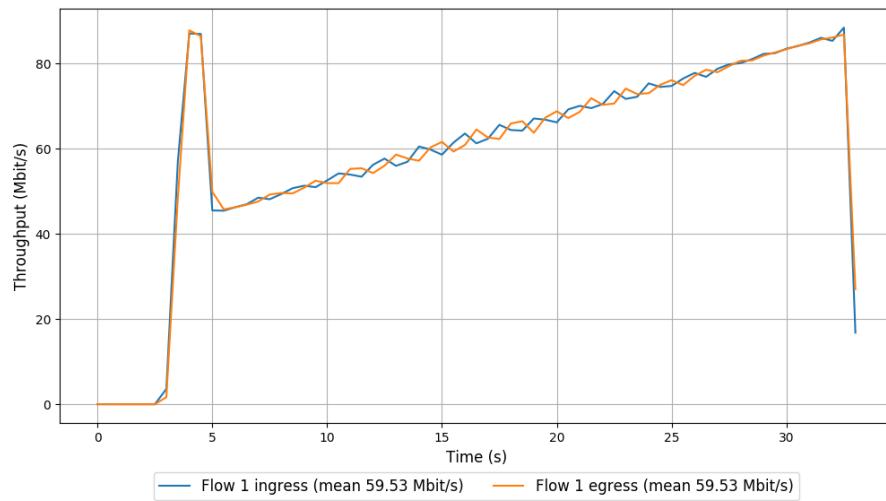


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:57:44 +0000
End at: Mon, 19 Jun 2017 23:58:14 +0000
Local clock offset: 1.601 ms
Remote clock offset: -1.086 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:14:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 54.267 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 54.267 ms
Loss rate: 0.02%
```

Run 10: Report of TCP Vegas — Data Link

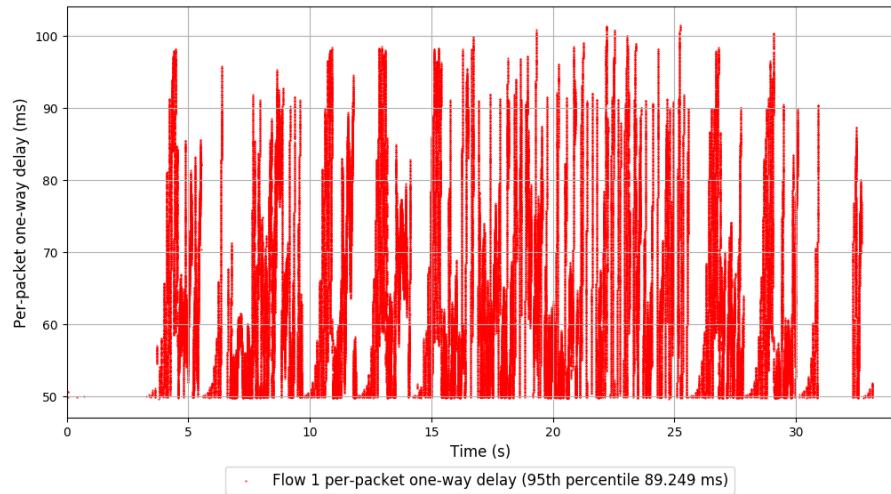
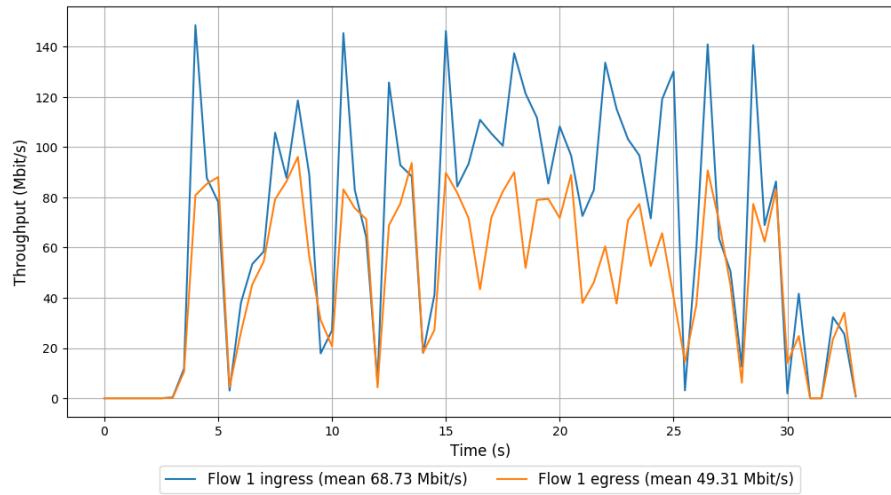


Run 1: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:03:42 +0000
End at: Mon, 19 Jun 2017 21:04:12 +0000
Local clock offset: -0.555 ms
Remote clock offset: -0.188 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 89.249 ms
Loss rate: 28.25%
-- Flow 1:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 89.249 ms
Loss rate: 28.25%
```

Run 1: Report of Verus — Data Link

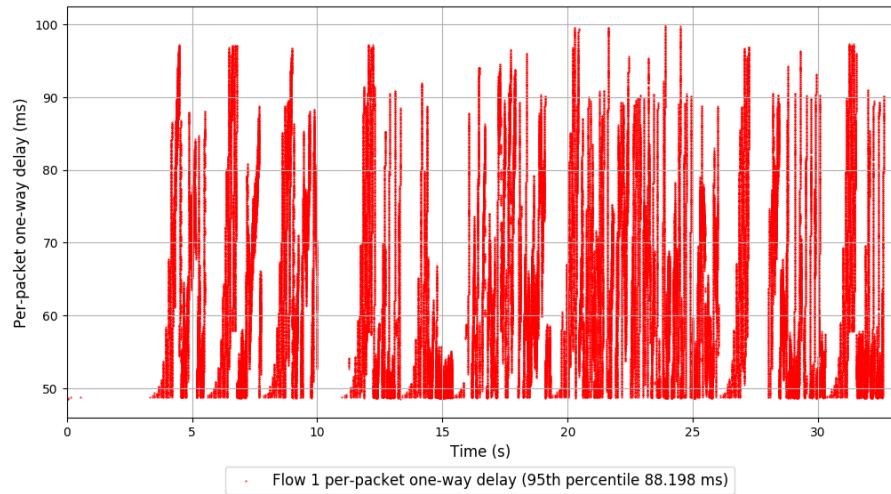
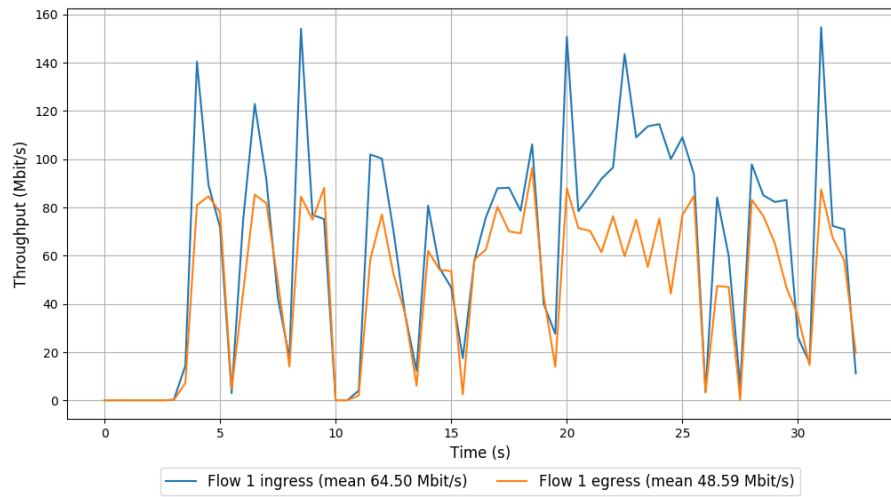


Run 2: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:23:22 +0000
End at: Mon, 19 Jun 2017 21:23:52 +0000
Local clock offset: -1.583 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 88.198 ms
Loss rate: 24.61%
-- Flow 1:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 88.198 ms
Loss rate: 24.61%
```

Run 2: Report of Verus — Data Link

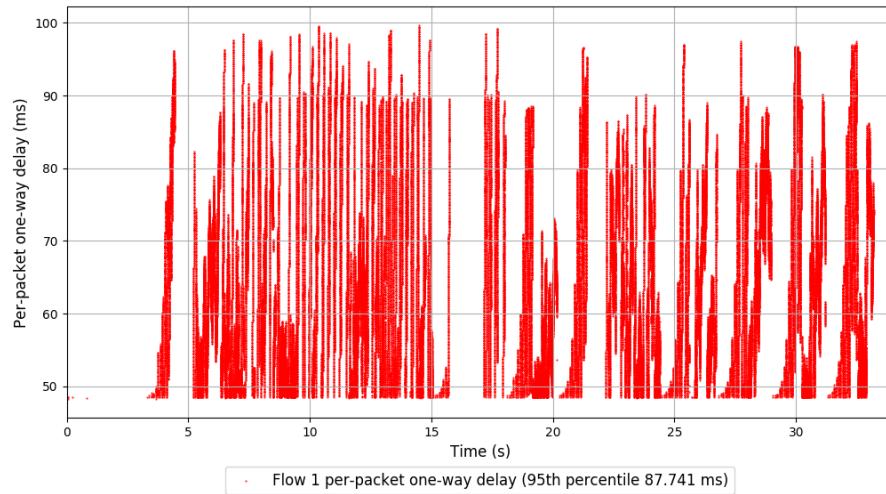
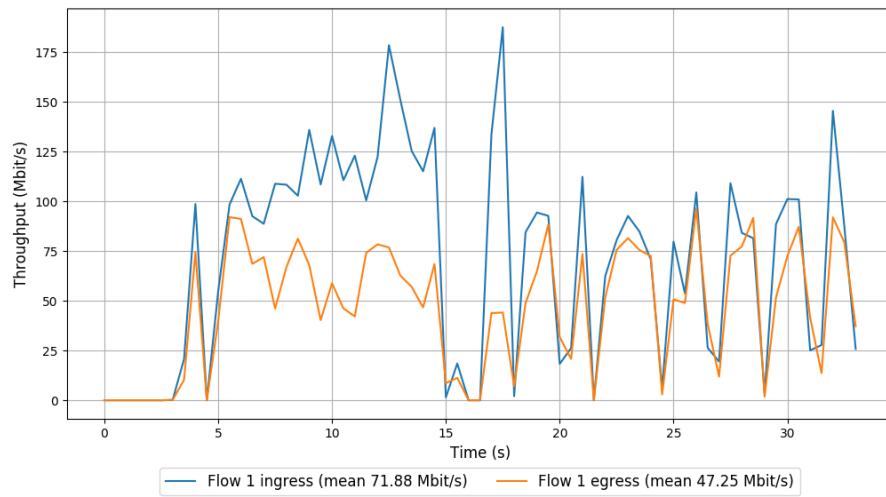


Run 3: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:43:01 +0000
End at: Mon, 19 Jun 2017 21:43:31 +0000
Local clock offset: -1.695 ms
Remote clock offset: 0.28 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 87.741 ms
Loss rate: 34.22%
-- Flow 1:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 87.741 ms
Loss rate: 34.22%
```

Run 3: Report of Verus — Data Link

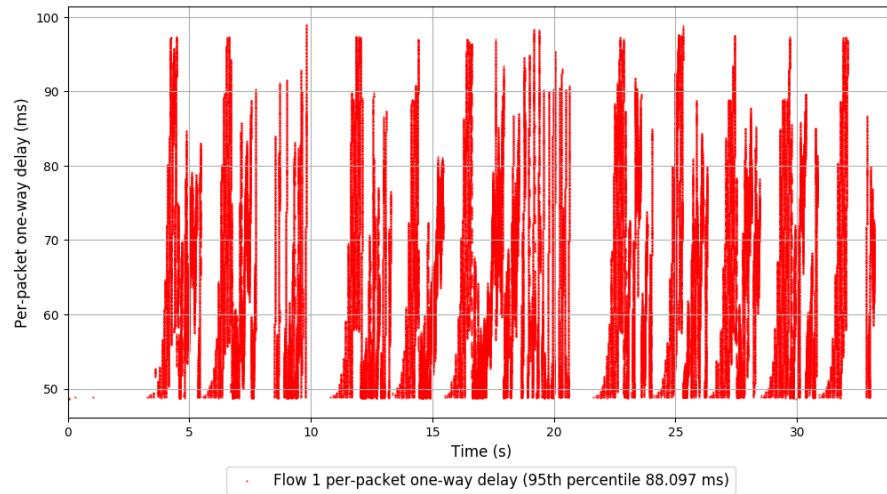
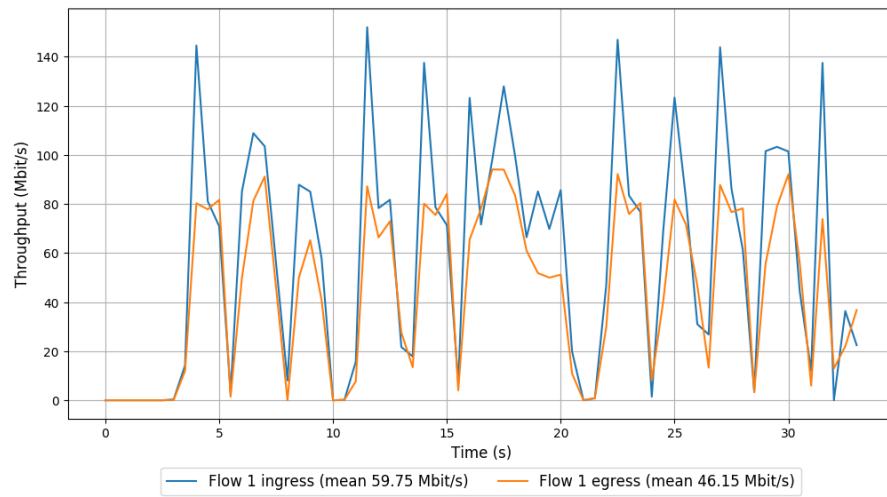


Run 4: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:02:40 +0000
End at: Mon, 19 Jun 2017 22:03:10 +0000
Local clock offset: -1.105 ms
Remote clock offset: 0.524 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 88.097 ms
Loss rate: 22.73%
-- Flow 1:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 88.097 ms
Loss rate: 22.73%
```

Run 4: Report of Verus — Data Link

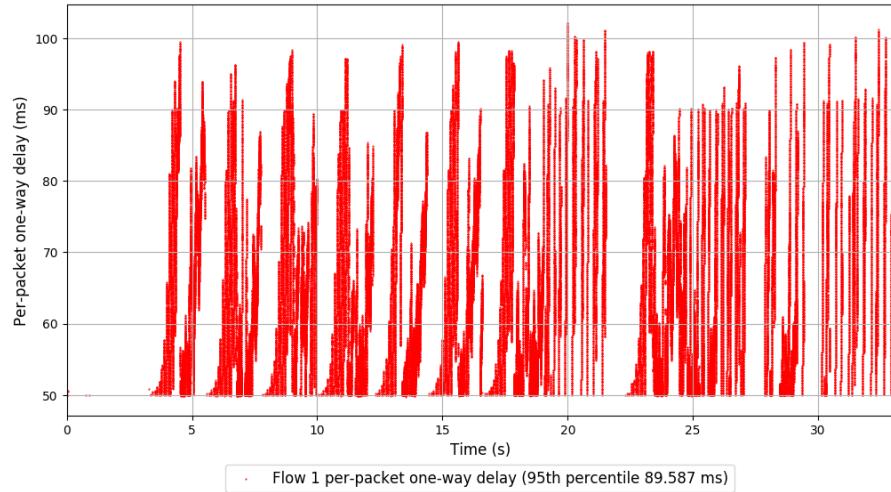
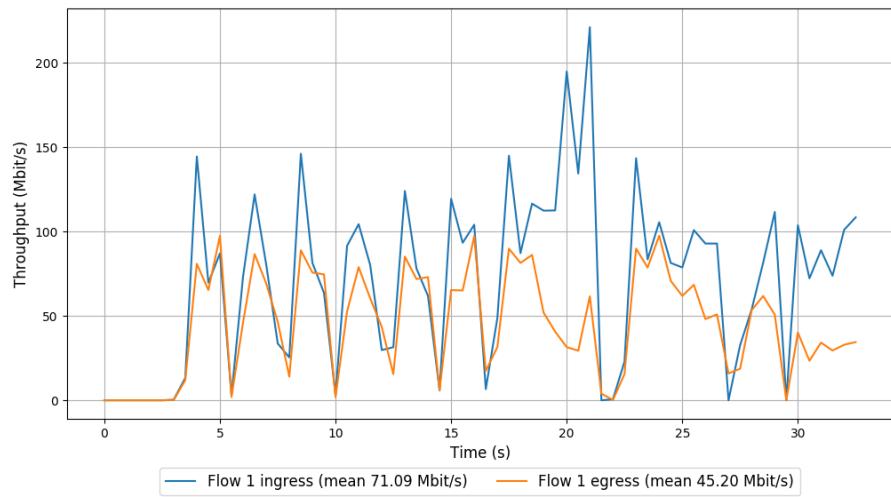


Run 5: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:22:14 +0000
End at: Mon, 19 Jun 2017 22:22:44 +0000
Local clock offset: -0.4 ms
Remote clock offset: -2.121 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 89.587 ms
Loss rate: 36.37%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 89.587 ms
Loss rate: 36.37%
```

Run 5: Report of Verus — Data Link

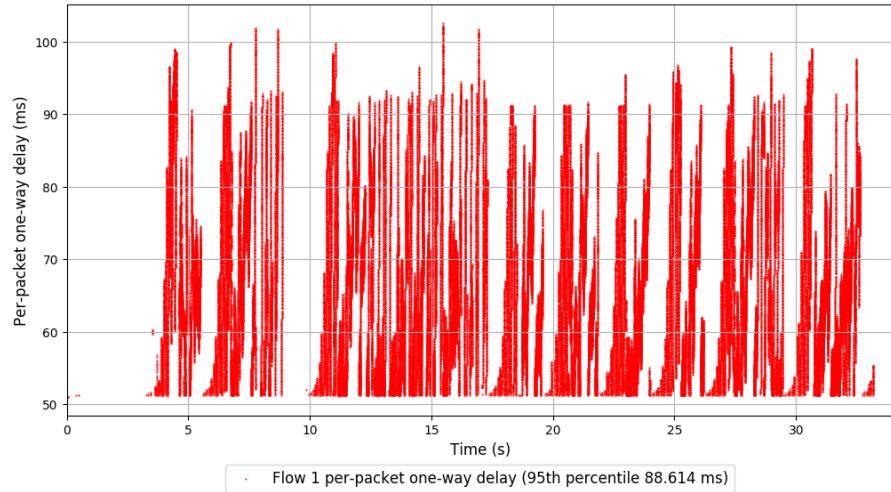
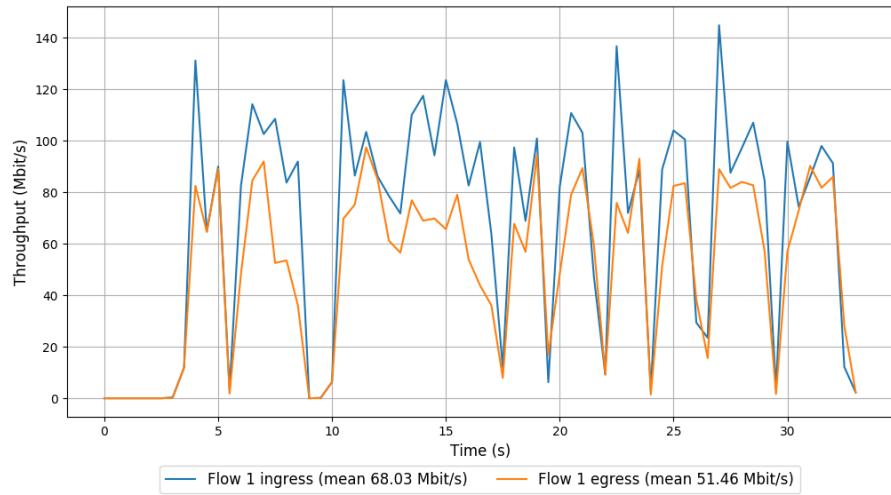


Run 6: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:41:48 +0000
End at: Mon, 19 Jun 2017 22:42:18 +0000
Local clock offset: 0.265 ms
Remote clock offset: -2.708 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 88.614 ms
Loss rate: 24.35%
-- Flow 1:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 88.614 ms
Loss rate: 24.35%
```

Run 6: Report of Verus — Data Link

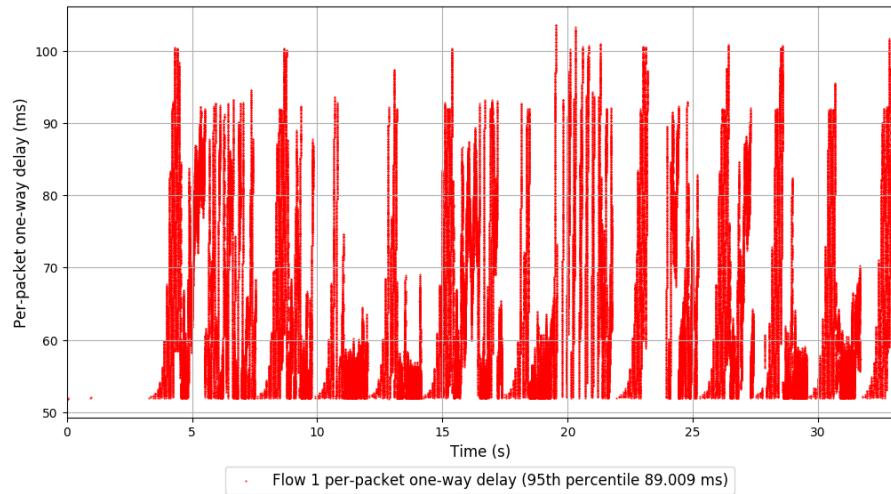
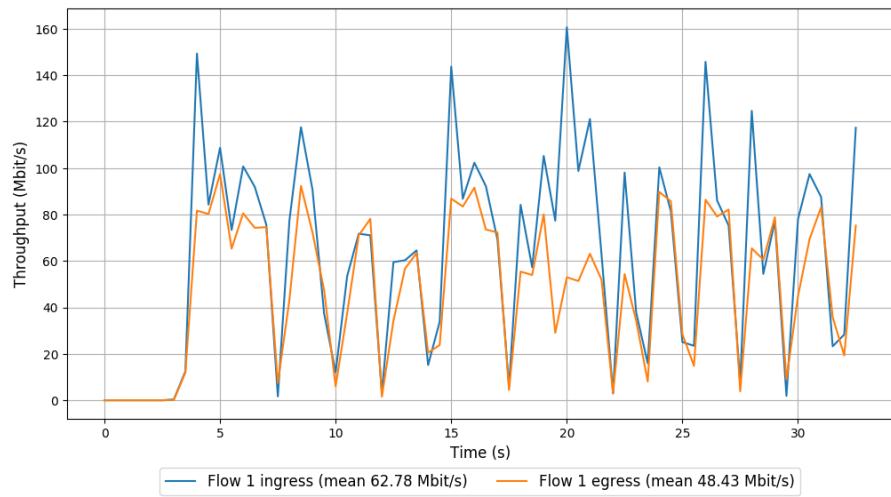


Run 7: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:01:32 +0000
End at: Mon, 19 Jun 2017 23:02:02 +0000
Local clock offset: 0.523 ms
Remote clock offset: -3.06 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 89.009 ms
Loss rate: 22.80%
-- Flow 1:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 89.009 ms
Loss rate: 22.80%
```

Run 7: Report of Verus — Data Link

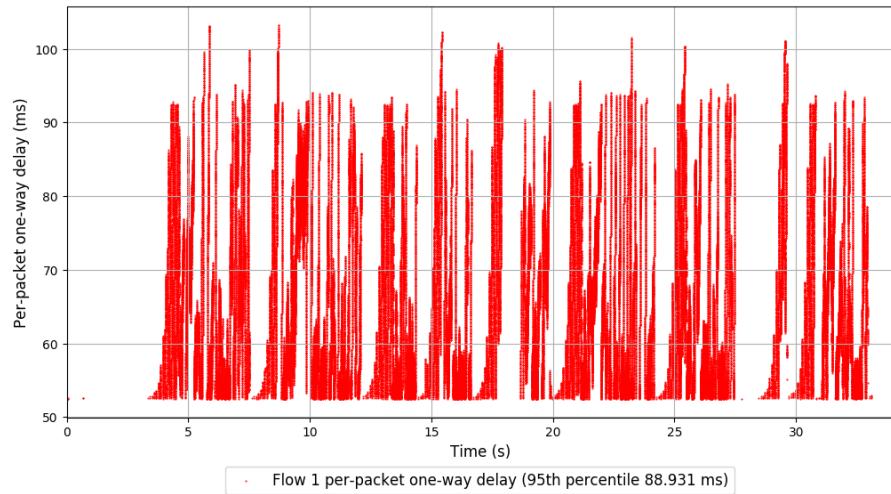
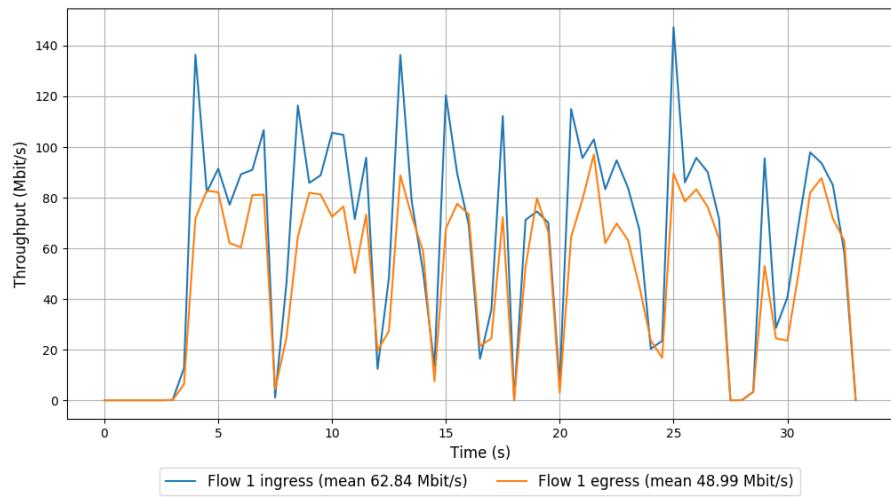


Run 8: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:21:11 +0000
End at: Mon, 19 Jun 2017 23:21:41 +0000
Local clock offset: 1.084 ms
Remote clock offset: -3.27 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.99 Mbit/s
95th percentile per-packet one-way delay: 88.931 ms
Loss rate: 22.03%
-- Flow 1:
Average throughput: 48.99 Mbit/s
95th percentile per-packet one-way delay: 88.931 ms
Loss rate: 22.03%
```

Run 8: Report of Verus — Data Link

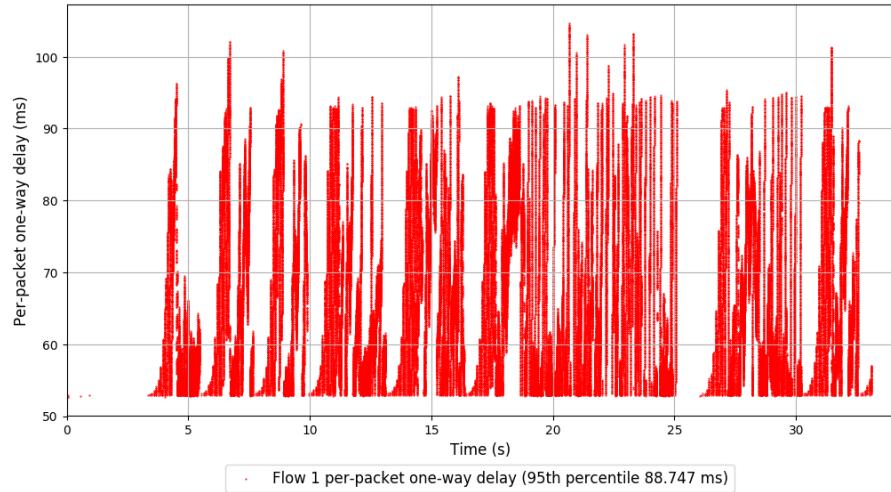
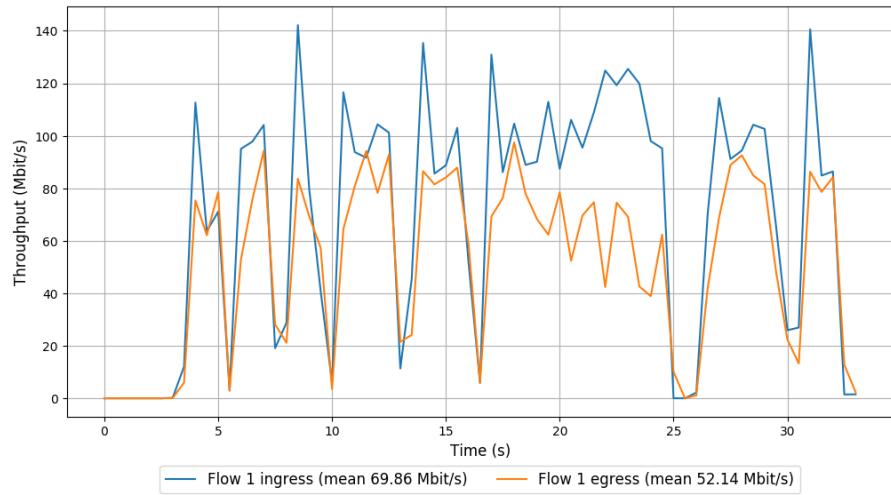


Run 9: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:40:48 +0000
End at: Mon, 19 Jun 2017 23:41:18 +0000
Local clock offset: 1.369 ms
Remote clock offset: -1.061 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 88.747 ms
Loss rate: 25.36%
-- Flow 1:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 88.747 ms
Loss rate: 25.36%
```

Run 9: Report of Verus — Data Link

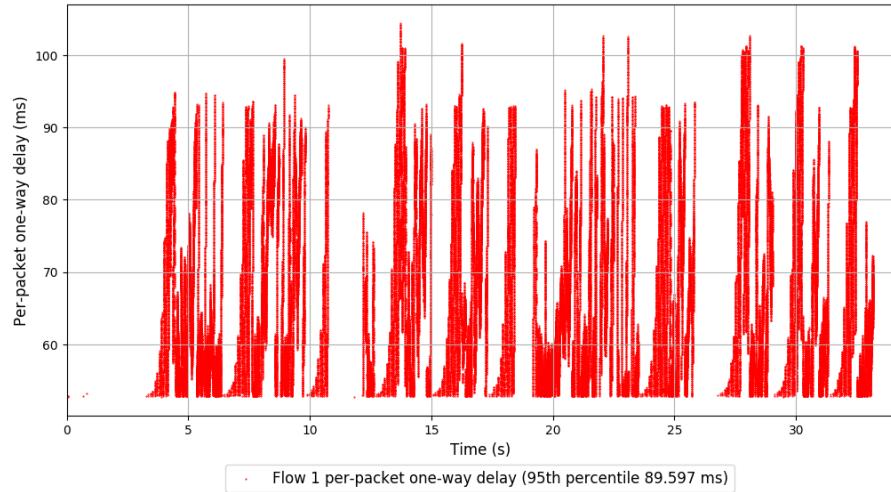
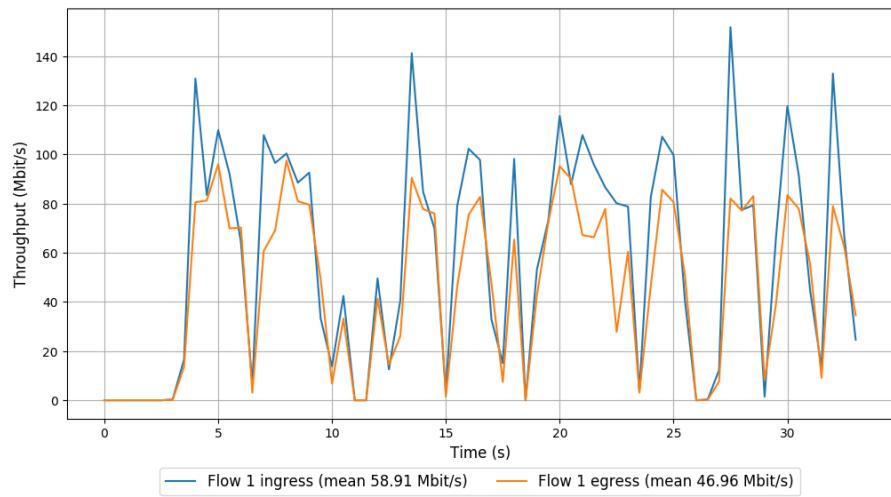


Run 10: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:00:24 +0000
End at: Tue, 20 Jun 2017 00:00:54 +0000
Local clock offset: 1.558 ms
Remote clock offset: -0.964 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.96 Mbit/s
95th percentile per-packet one-way delay: 89.597 ms
Loss rate: 20.25%
-- Flow 1:
Average throughput: 46.96 Mbit/s
95th percentile per-packet one-way delay: 89.597 ms
Loss rate: 20.25%
```

Run 10: Report of Verus — Data Link

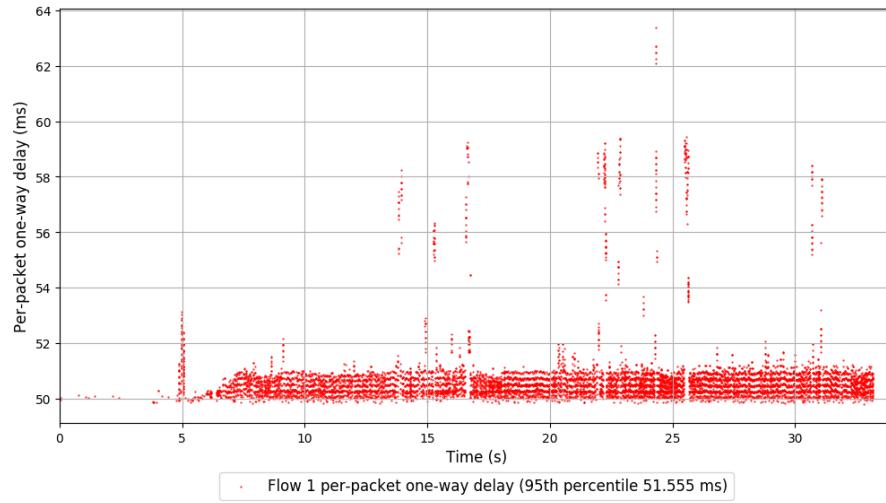
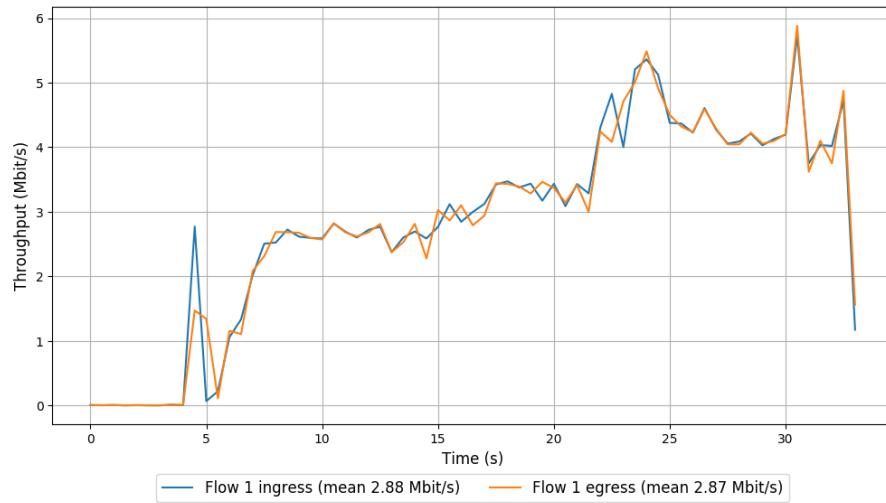


```
Run 1: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 20:59:49 +0000
End at: Mon, 19 Jun 2017 21:00:19 +0000
Local clock offset: -0.35 ms
Remote clock offset: -2.169 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 51.555 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 51.555 ms
Loss rate: 0.40%
```

Run 1: Report of WebRTC media — Data Link

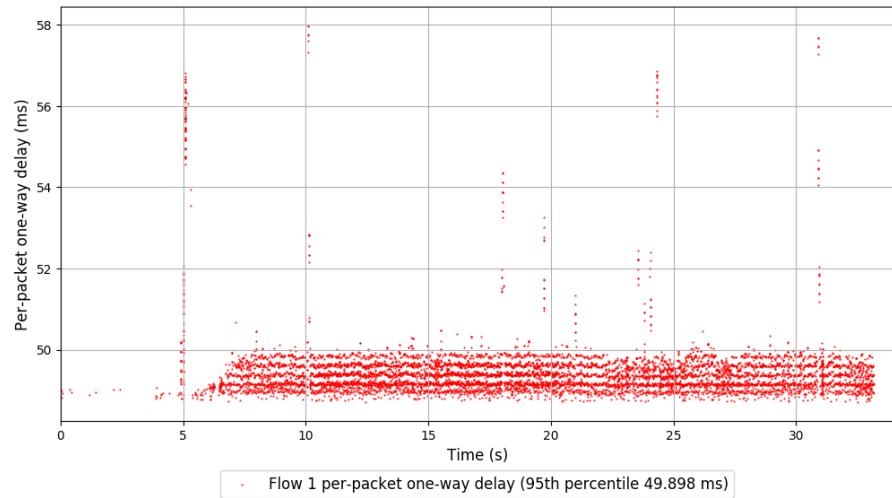
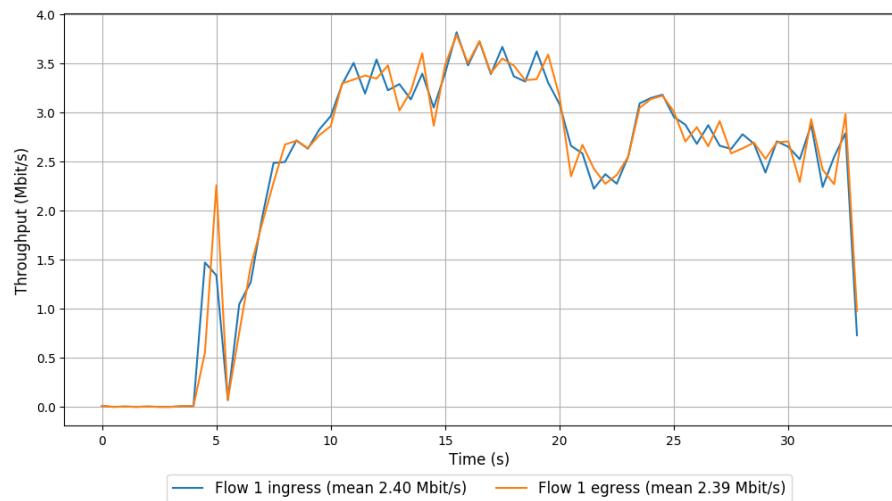


Run 2: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 21:19:26 +0000
End at: Mon, 19 Jun 2017 21:19:56 +0000
Local clock offset: -1.382 ms
Remote clock offset: 0.494 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 49.898 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 49.898 ms
Loss rate: 0.06%
```

Run 2: Report of WebRTC media — Data Link

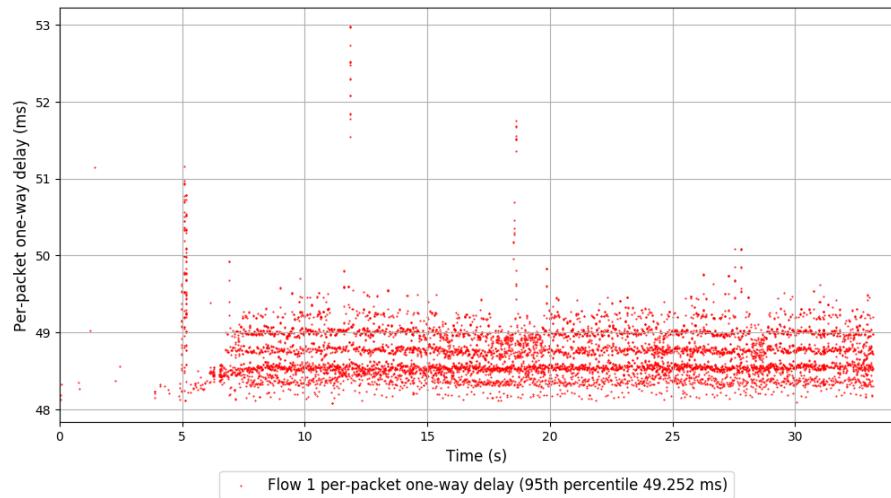
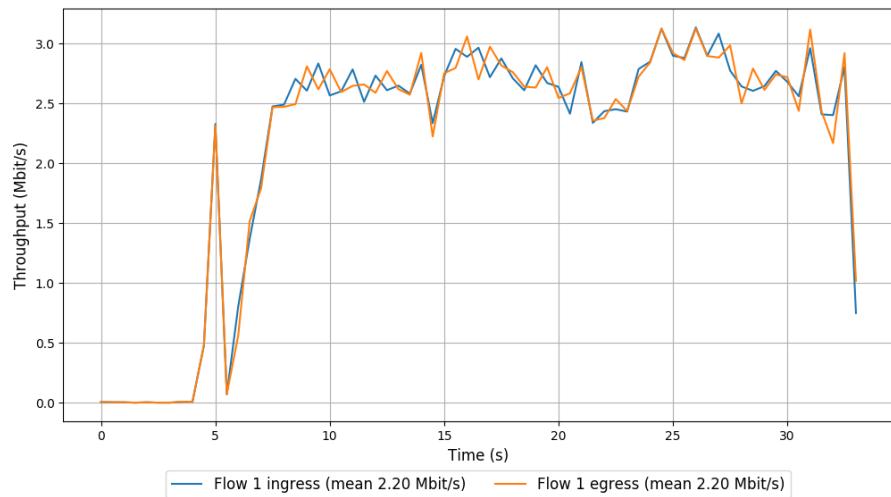


```
Run 3: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 21:39:06 +0000
End at: Mon, 19 Jun 2017 21:39:36 +0000
Local clock offset: -1.827 ms
Remote clock offset: 0.235 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 49.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 49.252 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

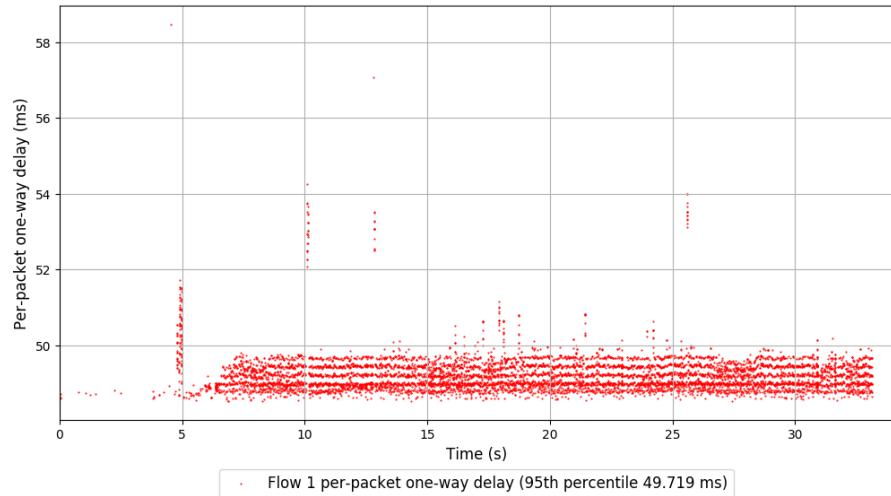
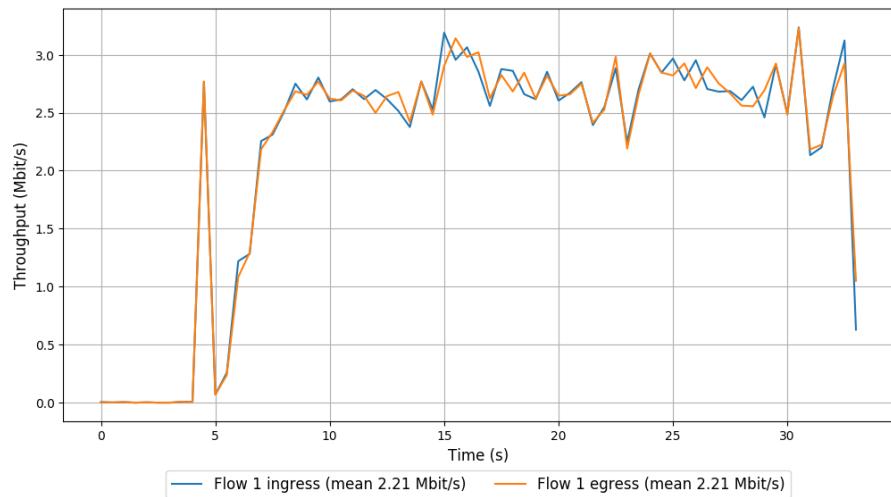


Run 4: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 21:58:47 +0000
End at: Mon, 19 Jun 2017 21:59:17 +0000
Local clock offset: -1.127 ms
Remote clock offset: -1.603 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 49.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 49.719 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

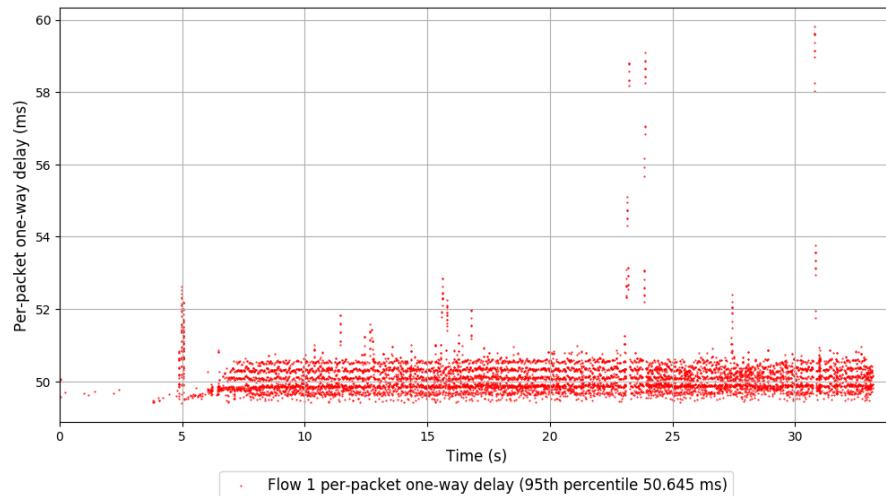
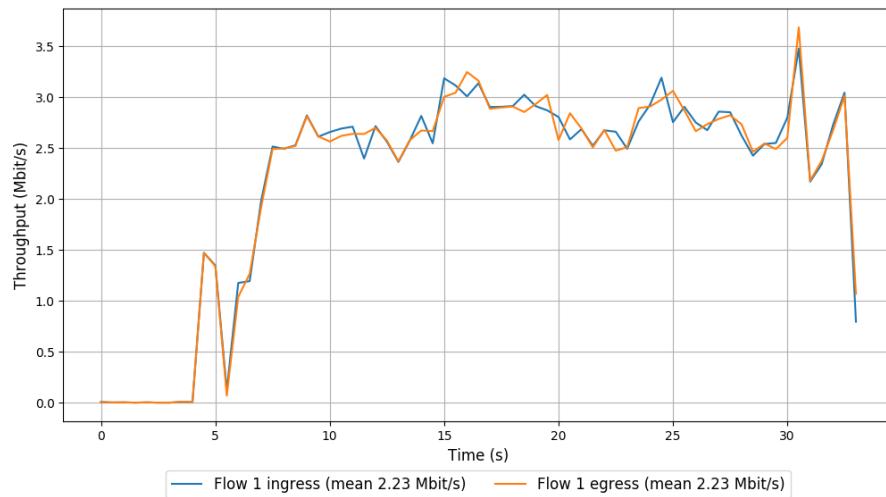


```
Run 5: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:18:19 +0000
End at: Mon, 19 Jun 2017 22:18:49 +0000
Local clock offset: -0.516 ms
Remote clock offset: 0.571 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 50.645 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 50.645 ms
Loss rate: 0.01%
```

Run 5: Report of WebRTC media — Data Link

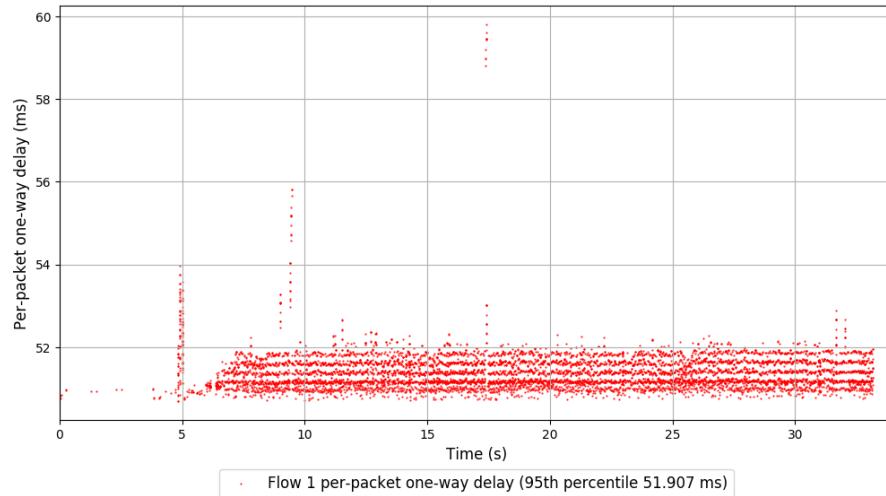
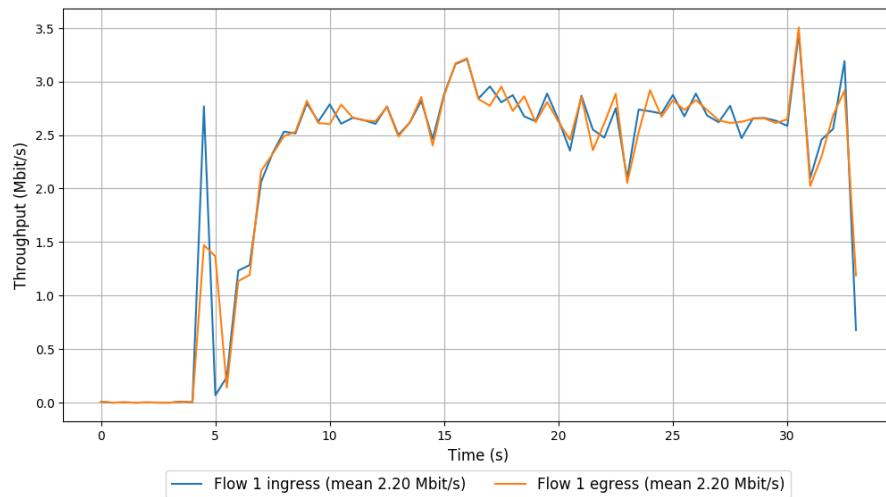


```
Run 6: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:37:53 +0000
End at: Mon, 19 Jun 2017 22:38:23 +0000
Local clock offset: 0.076 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 51.907 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 51.907 ms
Loss rate: 0.01%
```

Run 6: Report of WebRTC media — Data Link

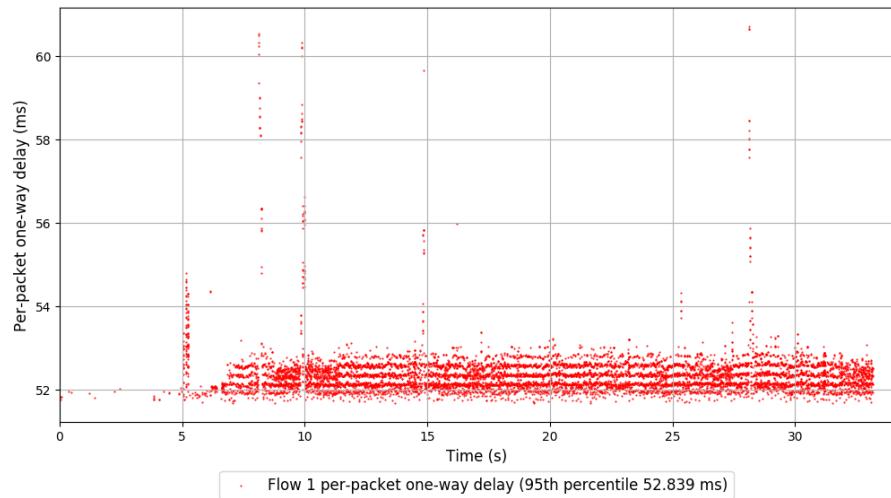
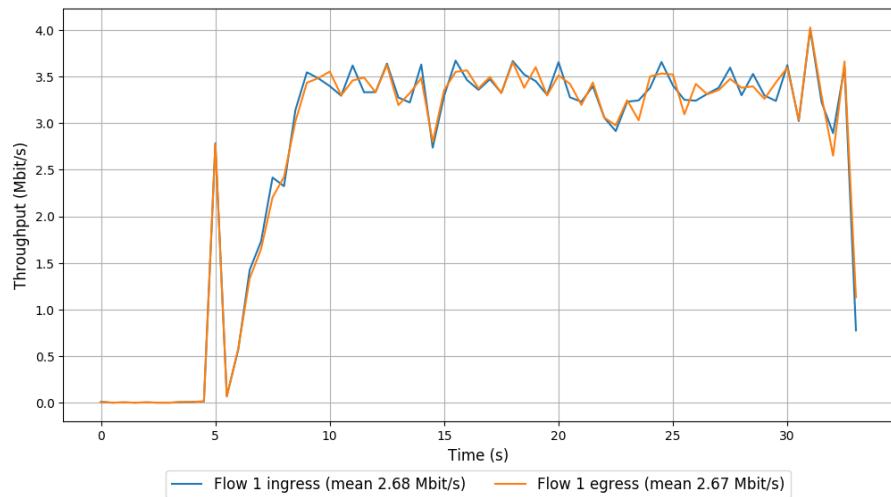


Run 7: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 22:57:36 +0000
End at: Mon, 19 Jun 2017 22:58:06 +0000
Local clock offset: 0.545 ms
Remote clock offset: -0.519 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 52.839 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 52.839 ms
Loss rate: 0.09%
```

Run 7: Report of WebRTC media — Data Link

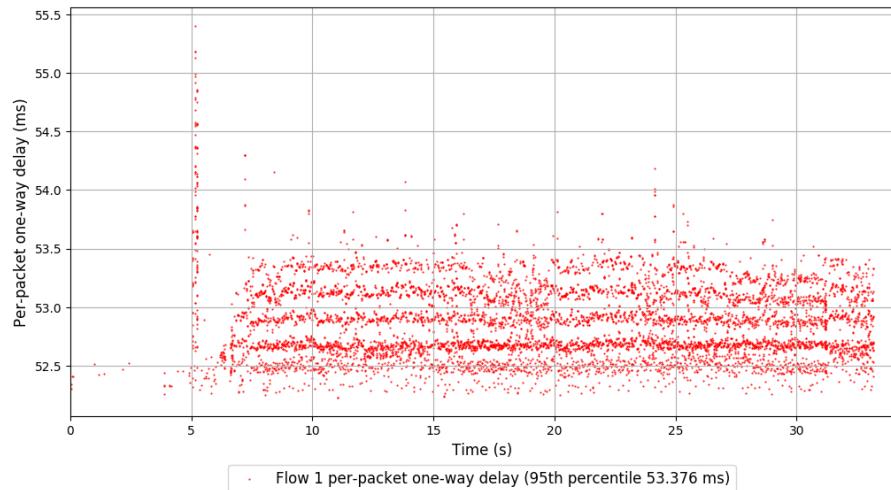
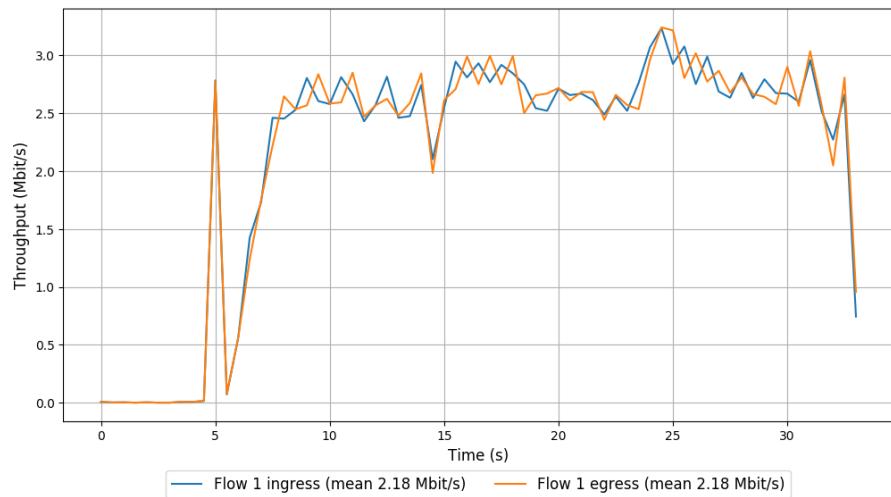


```
Run 8: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:17:15 +0000
End at: Mon, 19 Jun 2017 23:17:45 +0000
Local clock offset: 0.946 ms
Remote clock offset: -3.334 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 53.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 53.376 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

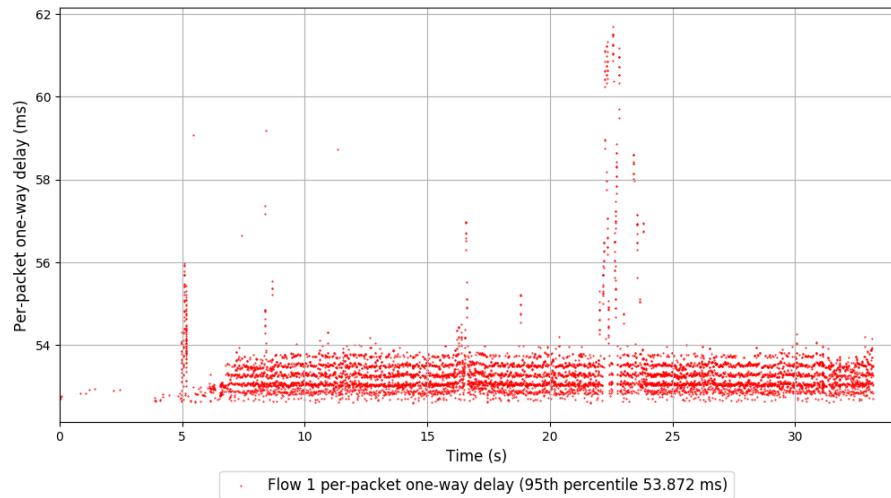
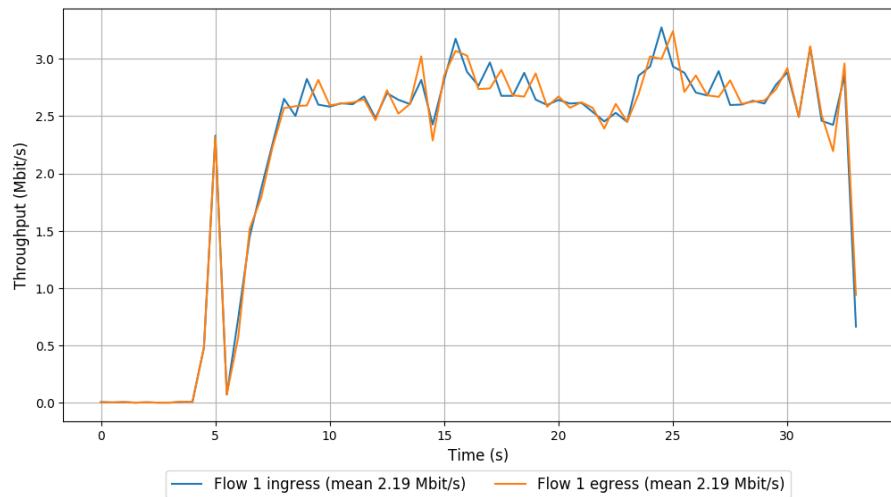


```
Run 9: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:36:52 +0000
End at: Mon, 19 Jun 2017 23:37:22 +0000
Local clock offset: 1.454 ms
Remote clock offset: -1.07 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 53.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 53.872 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:56:28 +0000
End at: Mon, 19 Jun 2017 23:56:58 +0000
Local clock offset: 1.564 ms
Remote clock offset: -0.6 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 53.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 53.842 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

