

Pantheon Summary (Generated at Fri, 30 Jun 2017 02:11:06 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

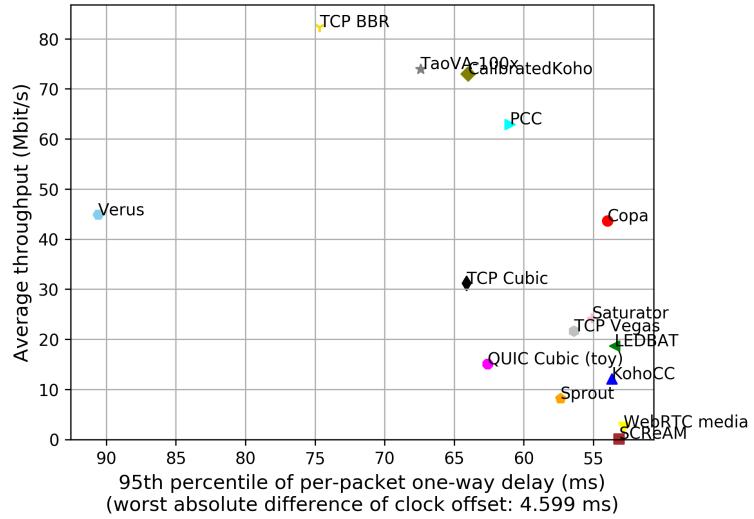
Each test lasted for 30 seconds running 1 flow.

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

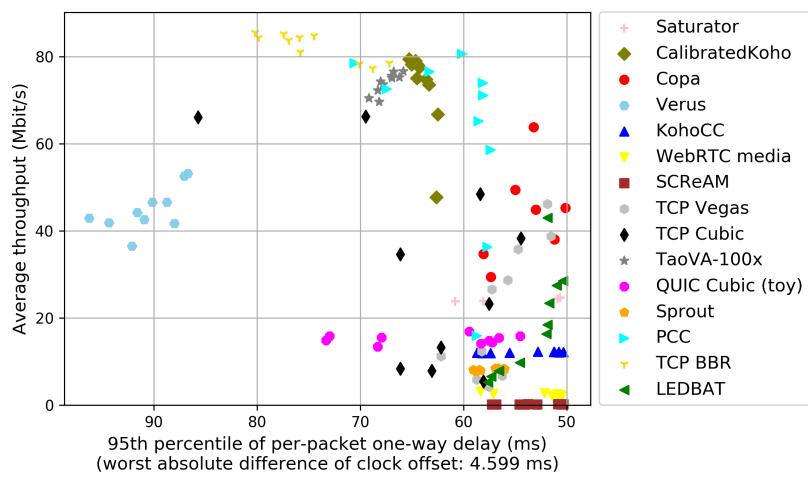
NTP offset measured against time.stanford.edu.

```
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
```

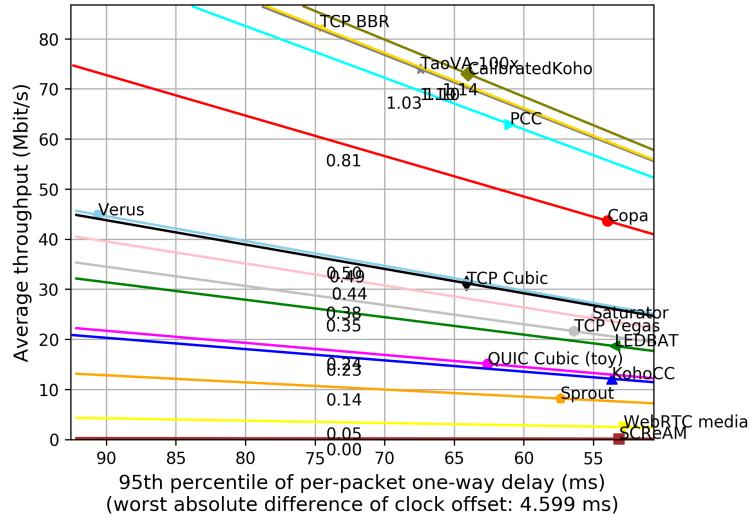
test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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

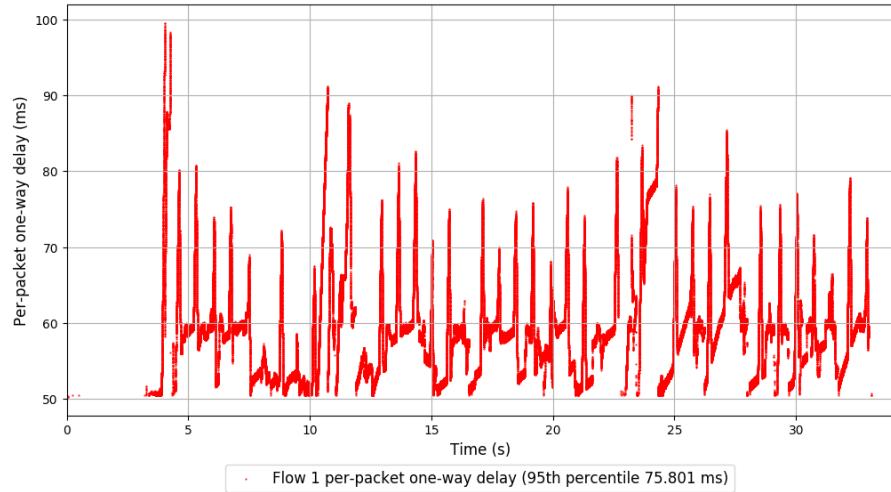
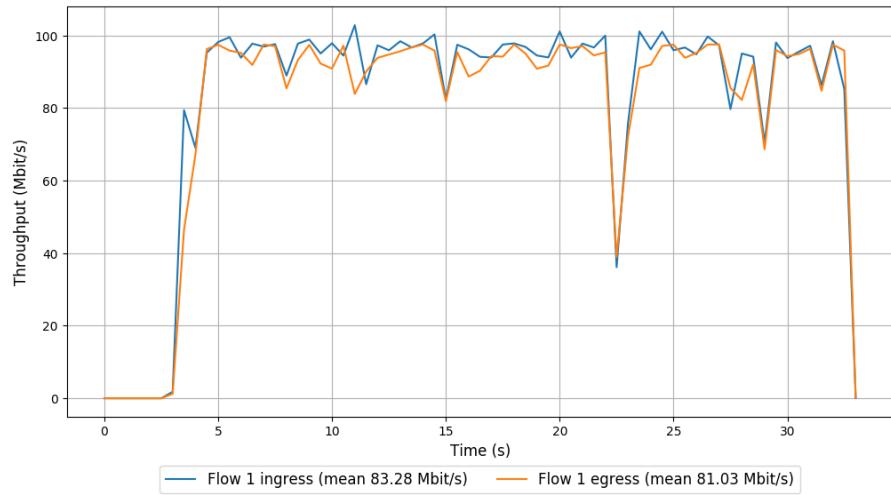


Run 1: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:06:40 +0000
End at: Thu, 29 Jun 2017 19:07:10 +0000
Local clock offset: 0.453 ms
Remote clock offset: -3.431 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 75.801 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 75.801 ms
Loss rate: 2.70%
```

Run 1: Report of TCP BBR — Data Link

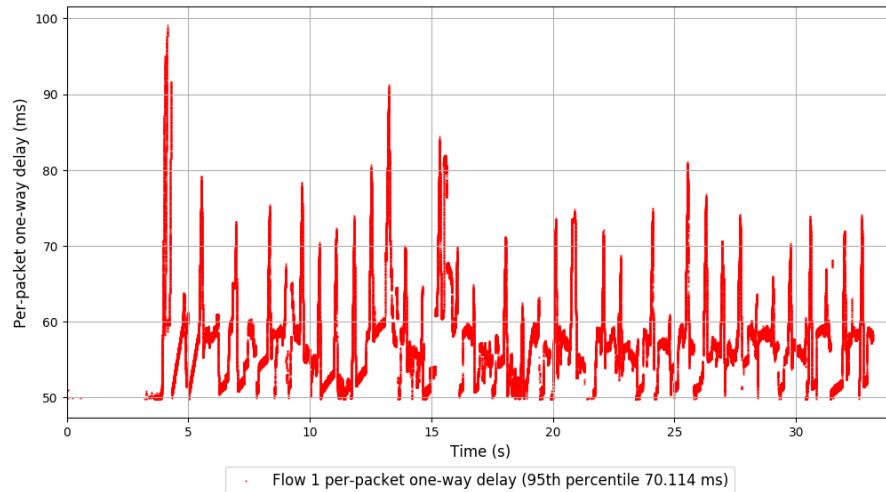
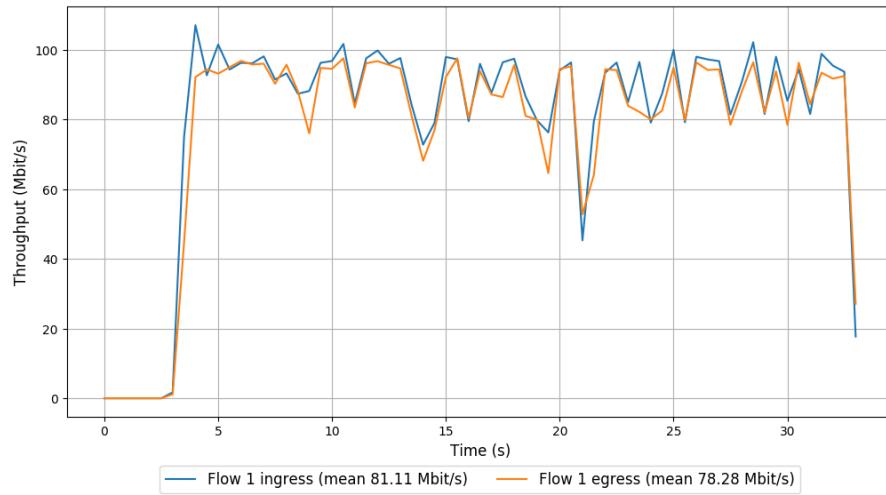


Run 2: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:26:19 +0000
End at: Thu, 29 Jun 2017 19:26:49 +0000
Local clock offset: 0.368 ms
Remote clock offset: -0.827 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.28 Mbit/s
95th percentile per-packet one-way delay: 70.114 ms
Loss rate: 3.46%
-- Flow 1:
Average throughput: 78.28 Mbit/s
95th percentile per-packet one-way delay: 70.114 ms
Loss rate: 3.46%
```

Run 2: Report of TCP BBR — Data Link

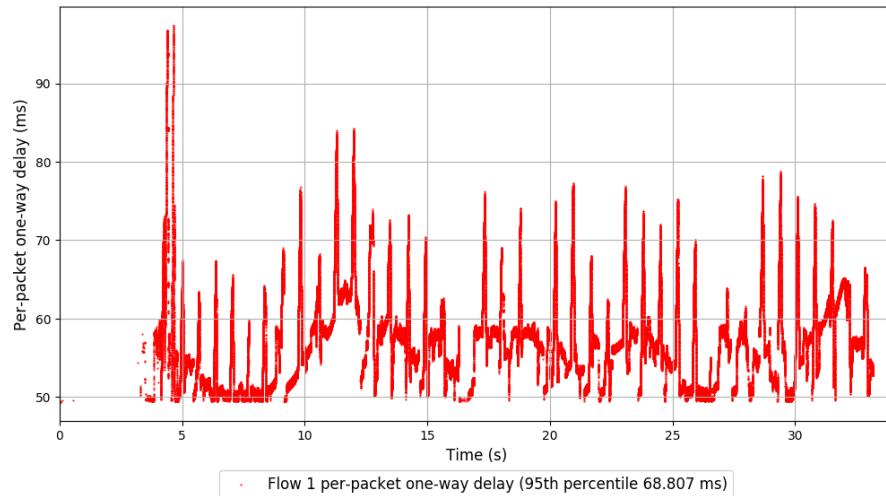
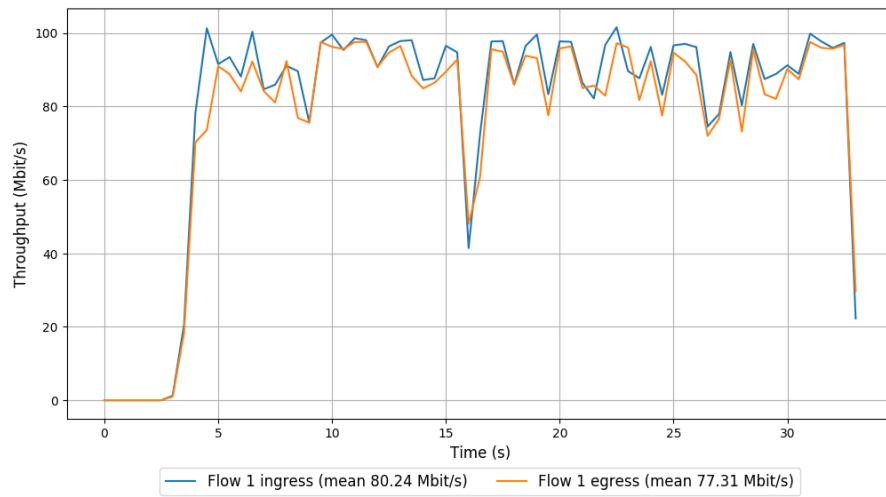


Run 3: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:45:53 +0000
End at: Thu, 29 Jun 2017 19:46:23 +0000
Local clock offset: 0.324 ms
Remote clock offset: -2.666 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.31 Mbit/s
95th percentile per-packet one-way delay: 68.807 ms
Loss rate: 3.67%
-- Flow 1:
Average throughput: 77.31 Mbit/s
95th percentile per-packet one-way delay: 68.807 ms
Loss rate: 3.67%
```

Run 3: Report of TCP BBR — Data Link

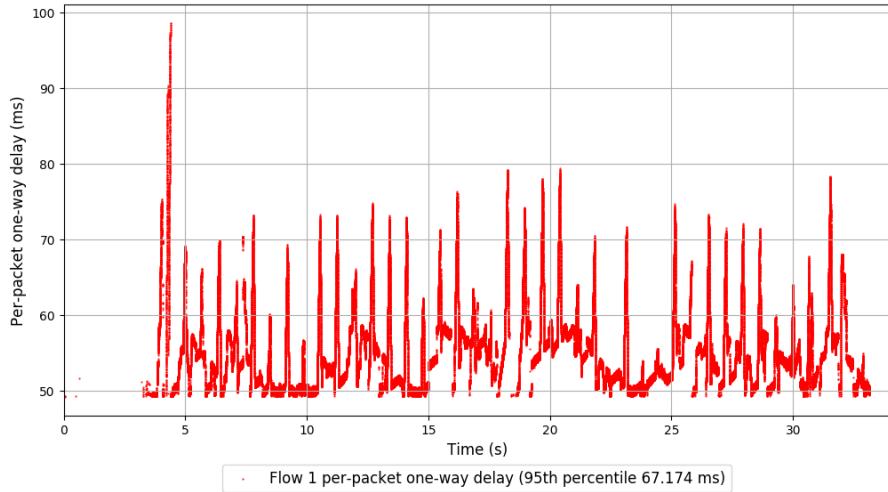
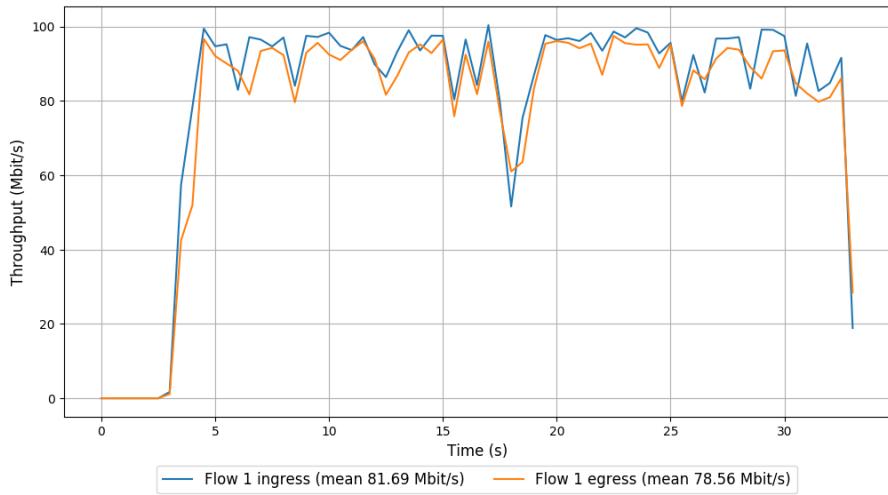


Run 4: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:05:26 +0000
End at: Thu, 29 Jun 2017 20:05:56 +0000
Local clock offset: 0.254 ms
Remote clock offset: -0.422 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 67.174 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 67.174 ms
Loss rate: 3.86%
```

Run 4: Report of TCP BBR — Data Link

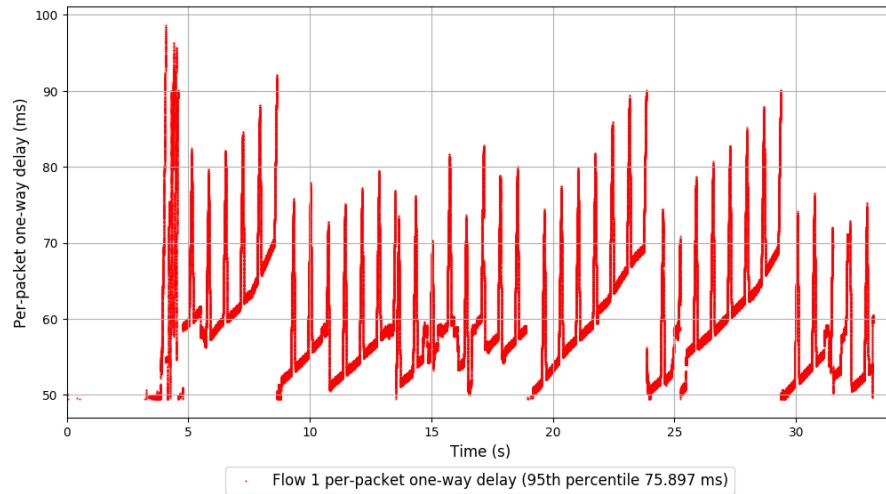
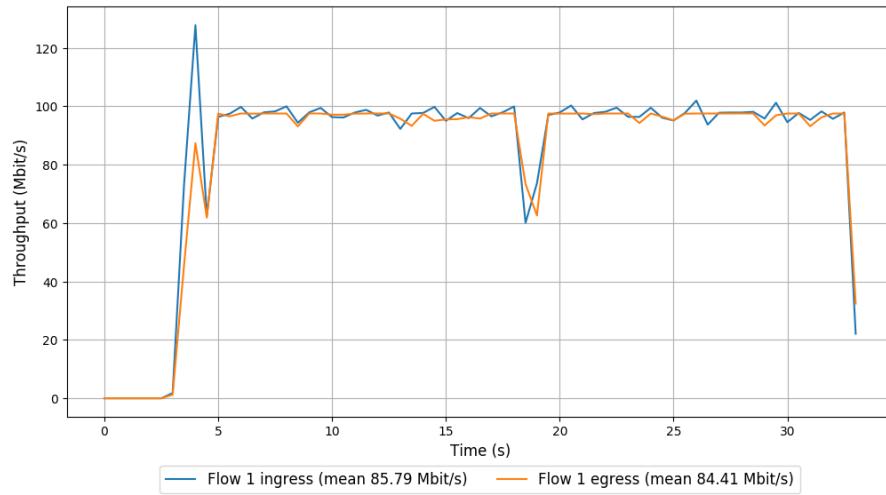


Run 5: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:25:08 +0000
End at: Thu, 29 Jun 2017 20:25:38 +0000
Local clock offset: 0.272 ms
Remote clock offset: -1.061 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.41 Mbit/s
95th percentile per-packet one-way delay: 75.897 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 84.41 Mbit/s
95th percentile per-packet one-way delay: 75.897 ms
Loss rate: 1.60%
```

Run 5: Report of TCP BBR — Data Link

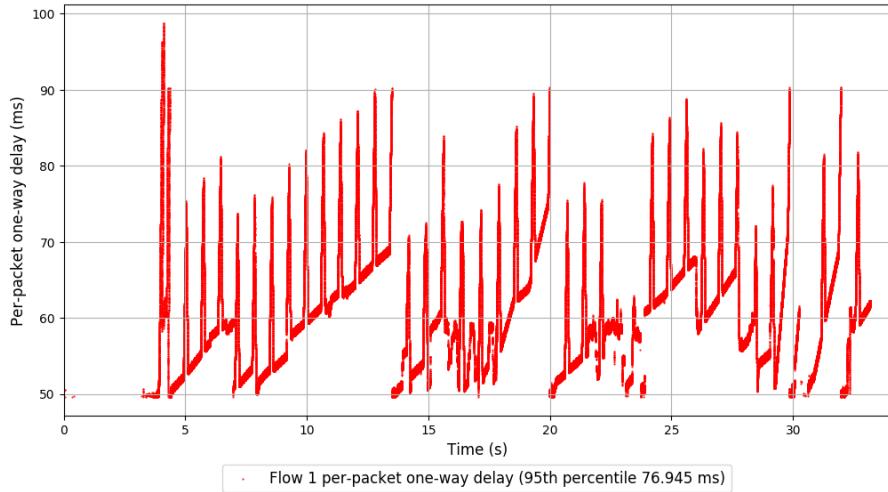
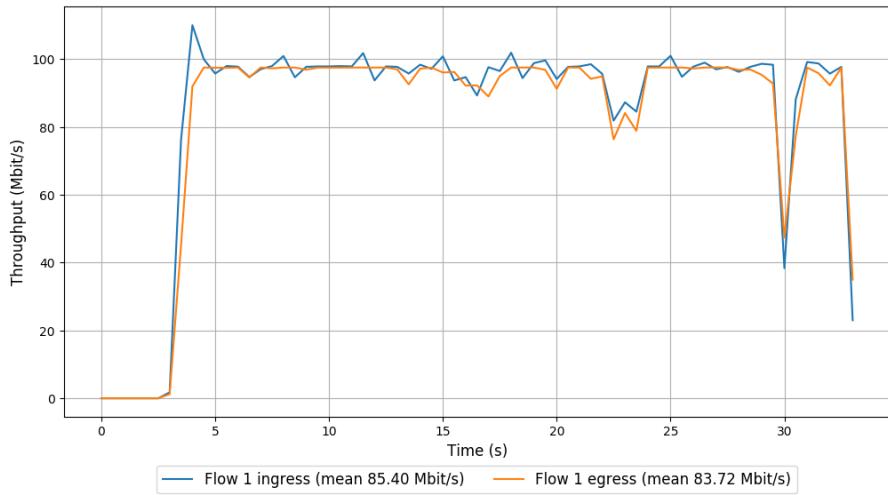


Run 6: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:44:48 +0000
End at: Thu, 29 Jun 2017 20:45:18 +0000
Local clock offset: 0.293 ms
Remote clock offset: -1.114 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.72 Mbit/s
95th percentile per-packet one-way delay: 76.945 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 83.72 Mbit/s
95th percentile per-packet one-way delay: 76.945 ms
Loss rate: 1.94%
```

Run 6: Report of TCP BBR — Data Link

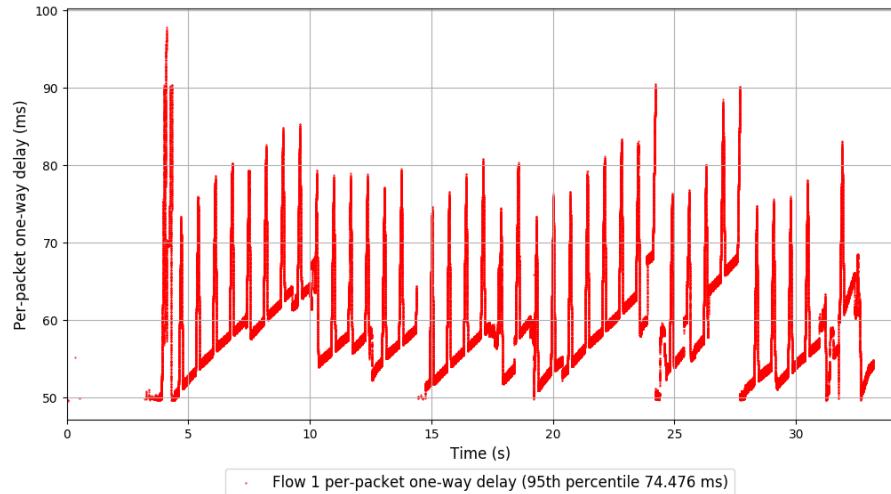
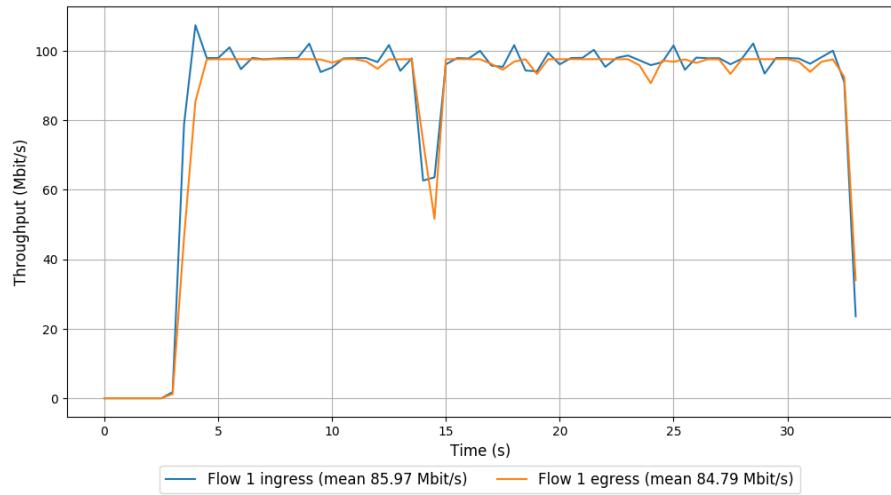


Run 7: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:04:27 +0000
End at: Thu, 29 Jun 2017 21:04:57 +0000
Local clock offset: 0.093 ms
Remote clock offset: -3.379 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 74.476 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 74.476 ms
Loss rate: 1.38%
```

Run 7: Report of TCP BBR — Data Link

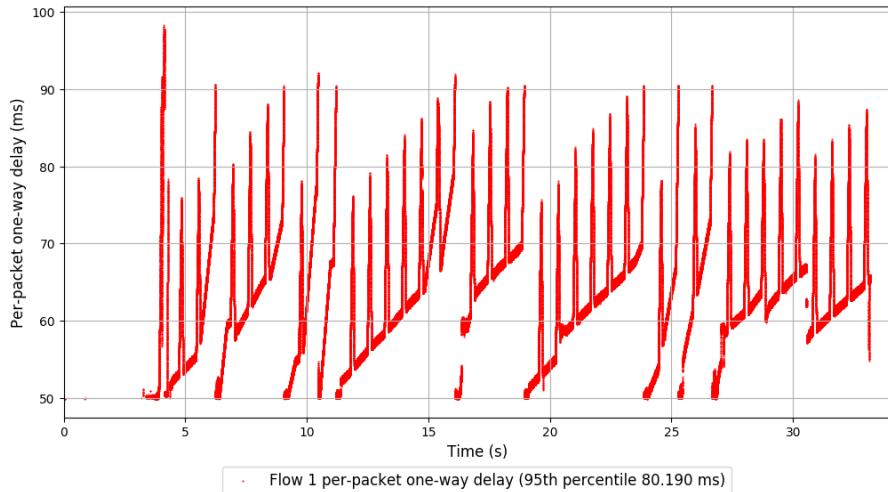
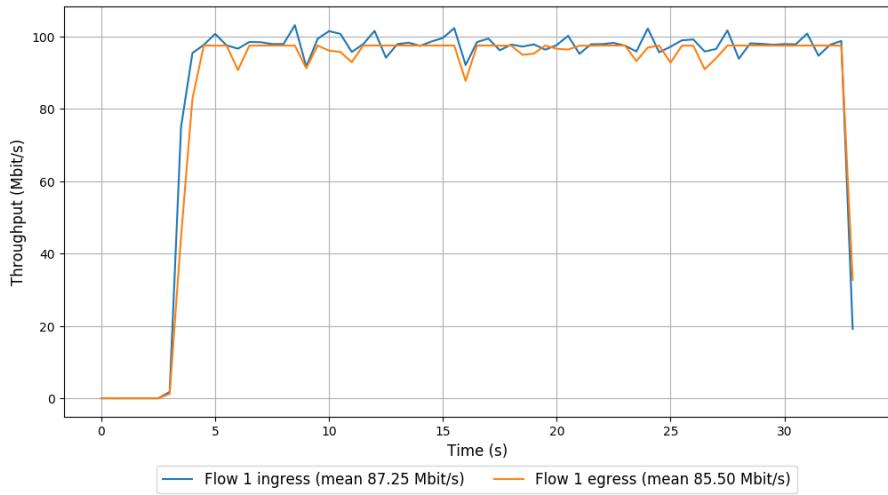


Run 8: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:24:11 +0000
End at: Thu, 29 Jun 2017 21:24:41 +0000
Local clock offset: 0.065 ms
Remote clock offset: -1.256 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.50 Mbit/s
95th percentile per-packet one-way delay: 80.190 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 85.50 Mbit/s
95th percentile per-packet one-way delay: 80.190 ms
Loss rate: 1.96%
```

Run 8: Report of TCP BBR — Data Link

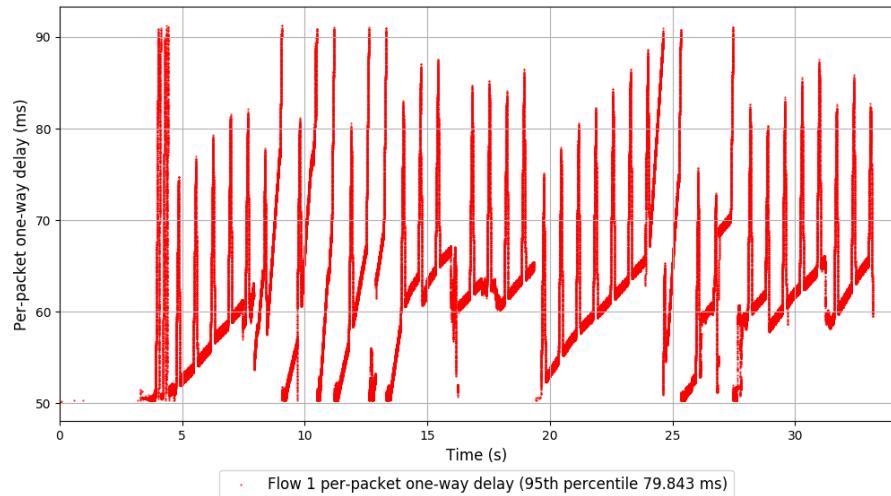
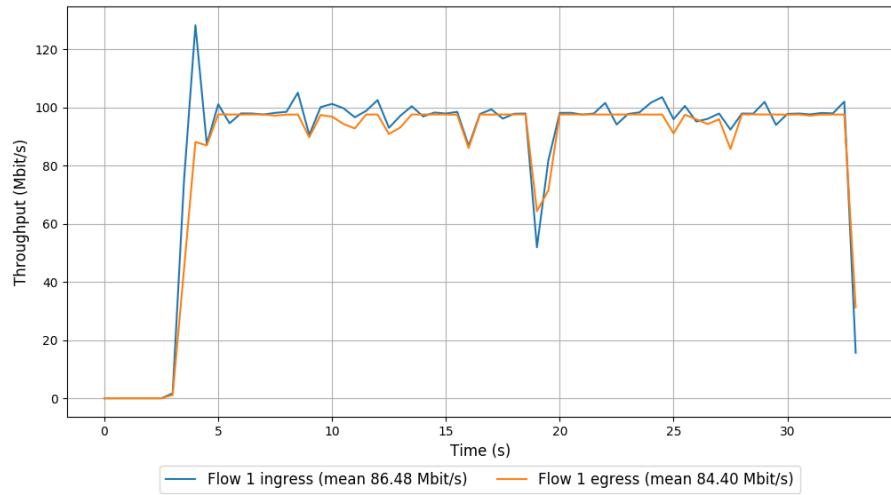


Run 9: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:43:55 +0000
End at: Thu, 29 Jun 2017 21:44:25 +0000
Local clock offset: 0.105 ms
Remote clock offset: -4.08 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.40 Mbit/s
95th percentile per-packet one-way delay: 79.843 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 84.40 Mbit/s
95th percentile per-packet one-way delay: 79.843 ms
Loss rate: 2.41%
```

Run 9: Report of TCP BBR — Data Link

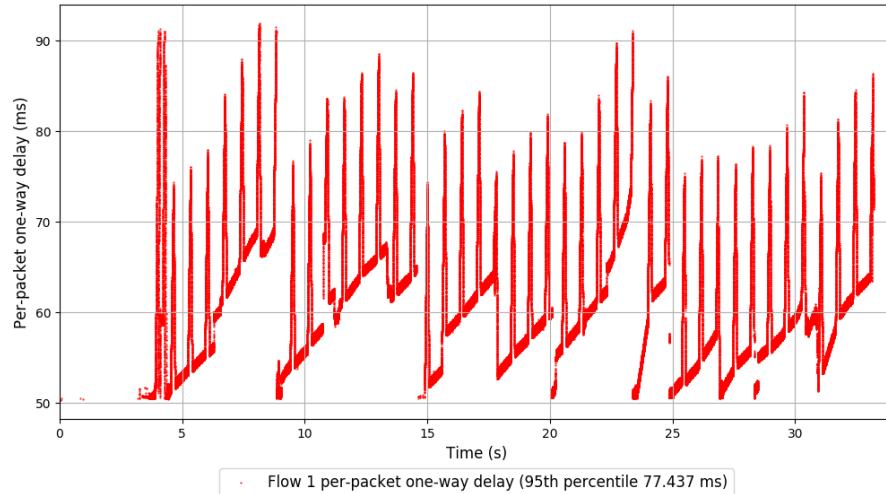
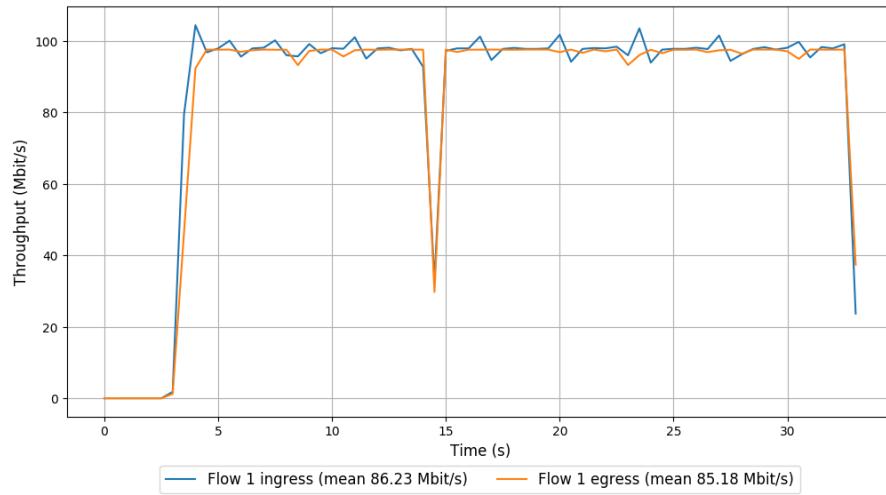


```
Run 10: Statistics of TCP BBR
```

```
Start at: Thu, 29 Jun 2017 22:03:34 +0000
End at: Thu, 29 Jun 2017 22:04:04 +0000
Local clock offset: 0.05 ms
Remote clock offset: -3.967 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 77.437 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 77.437 ms
Loss rate: 1.16%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:53:34 +0000
```

```
End at: Thu, 29 Jun 2017 18:54:04 +0000
```

```
Local clock offset: 0.505 ms
```

```
Remote clock offset: -4.094 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 75.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.526 ms
```

```
Loss rate: 1.10%
```

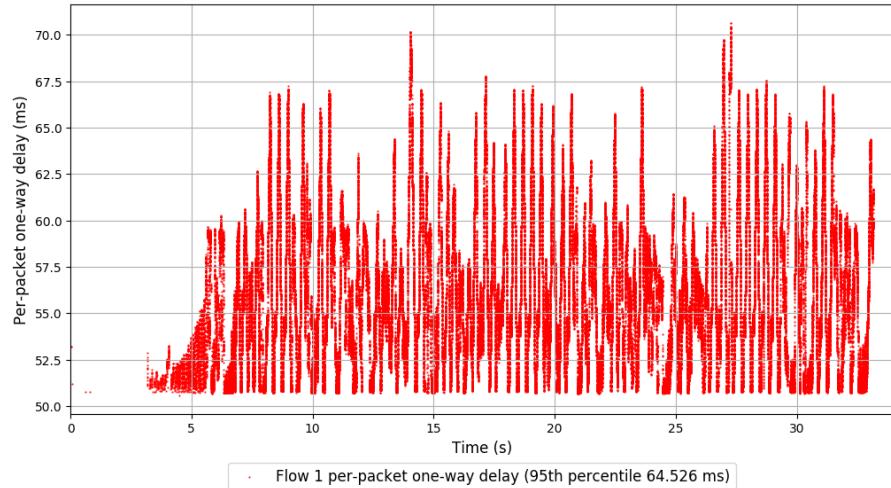
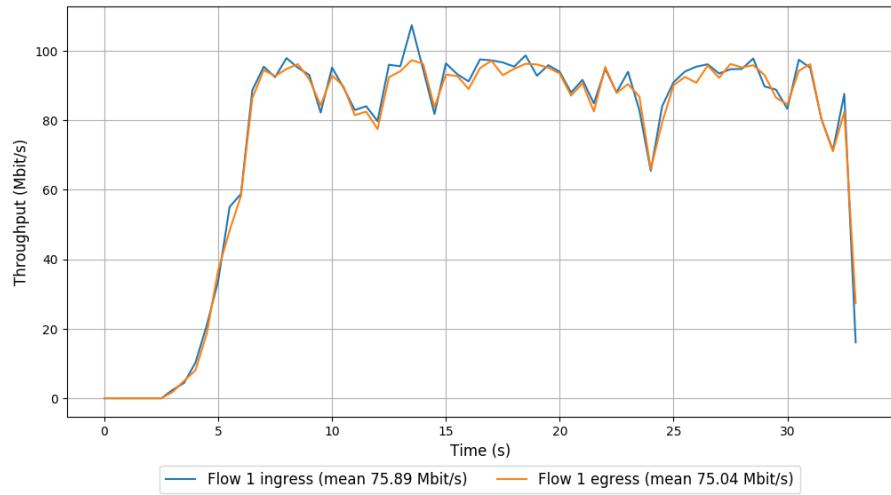
```
-- Flow 1:
```

```
Average throughput: 75.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.526 ms
```

```
Loss rate: 1.10%
```

Run 1: Report of CalibratedKoho — Data Link

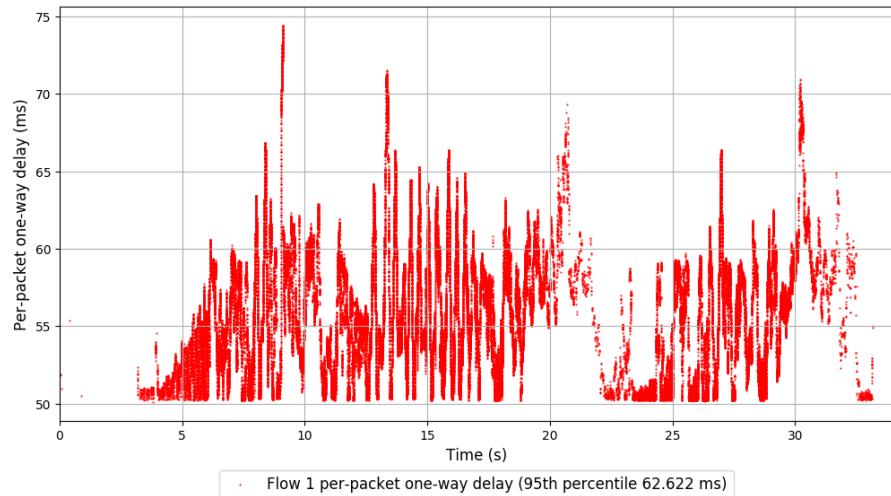
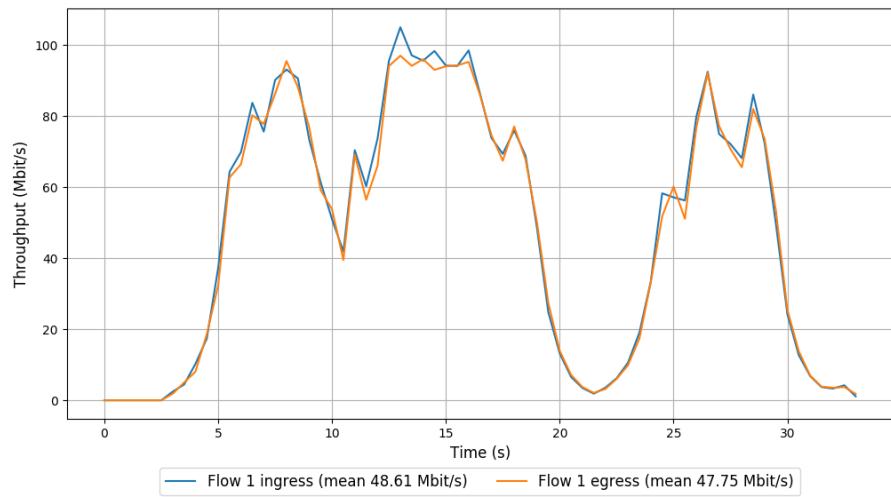


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 19:13:07 +0000
End at: Thu, 29 Jun 2017 19:13:38 +0000
Local clock offset: 0.36 ms
Remote clock offset: -0.687 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 62.622 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 62.622 ms
Loss rate: 1.76%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 19:32:48 +0000
```

```
End at: Thu, 29 Jun 2017 19:33:18 +0000
```

```
Local clock offset: 0.356 ms
```

```
Remote clock offset: -2.717 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 66.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 62.495 ms
```

```
Loss rate: 1.84%
```

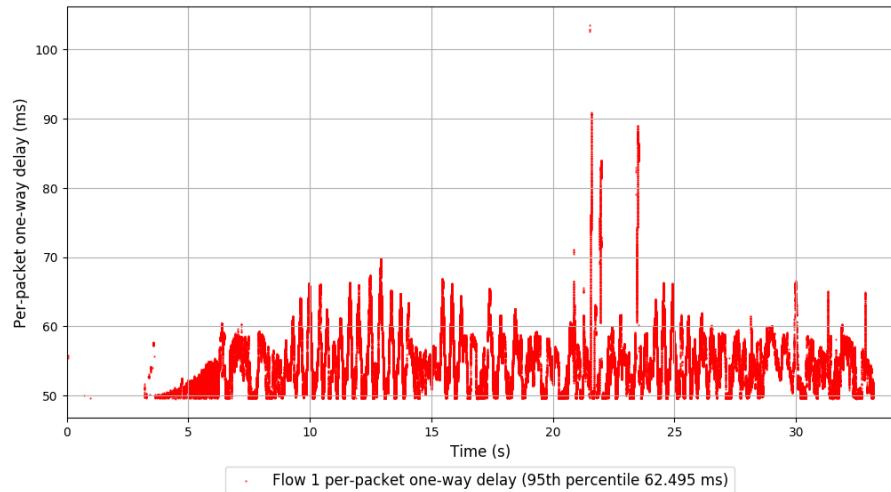
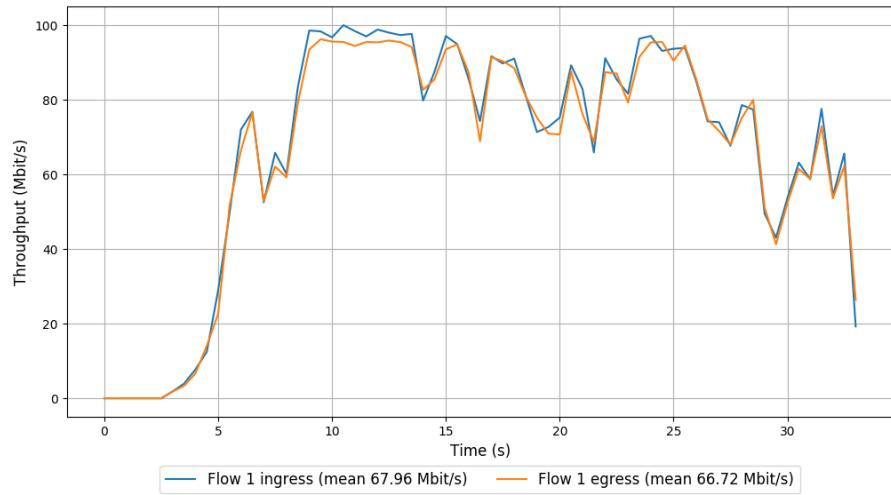
```
-- Flow 1:
```

```
Average throughput: 66.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 62.495 ms
```

```
Loss rate: 1.84%
```

Run 3: Report of CalibratedKoho — Data Link

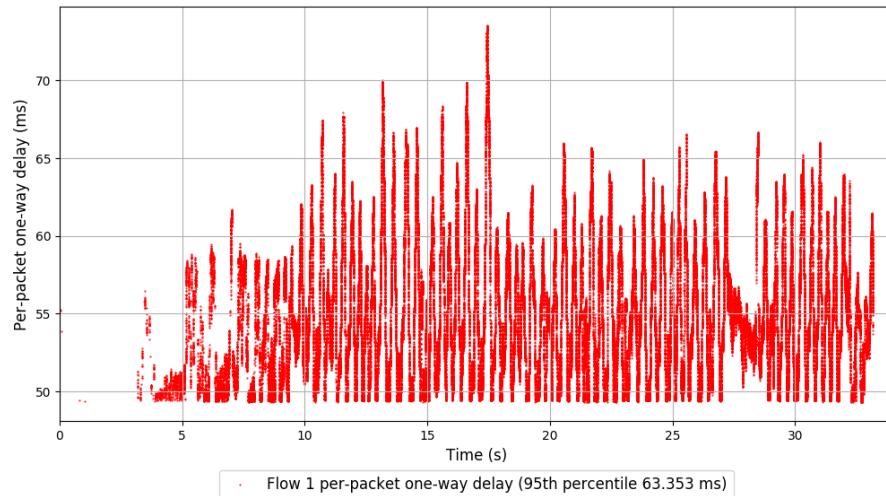
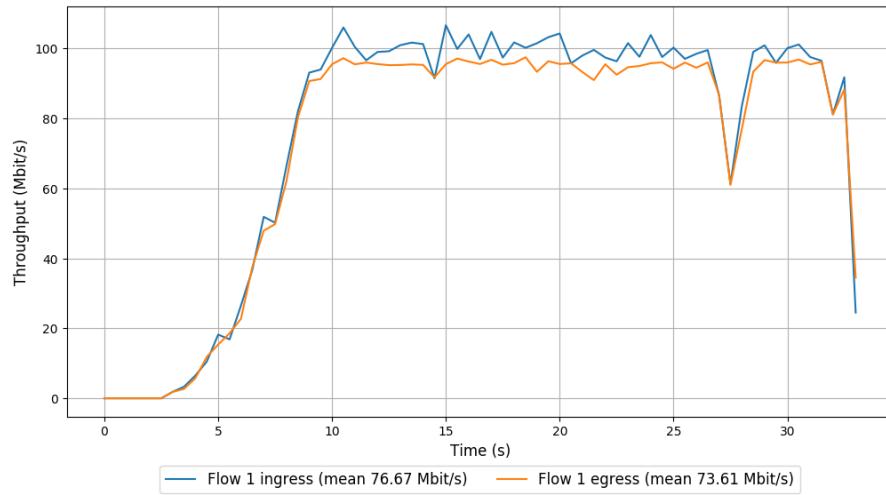


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 19:52:20 +0000
End at: Thu, 29 Jun 2017 19:52:50 +0000
Local clock offset: 0.281 ms
Remote clock offset: -0.444 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: 63.353 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: 63.353 ms
Loss rate: 4.00%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 20:11:54 +0000
```

```
End at: Thu, 29 Jun 2017 20:12:24 +0000
```

```
Local clock offset: 0.174 ms
```

```
Remote clock offset: -0.934 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 74.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.631 ms
```

```
Loss rate: 0.69%
```

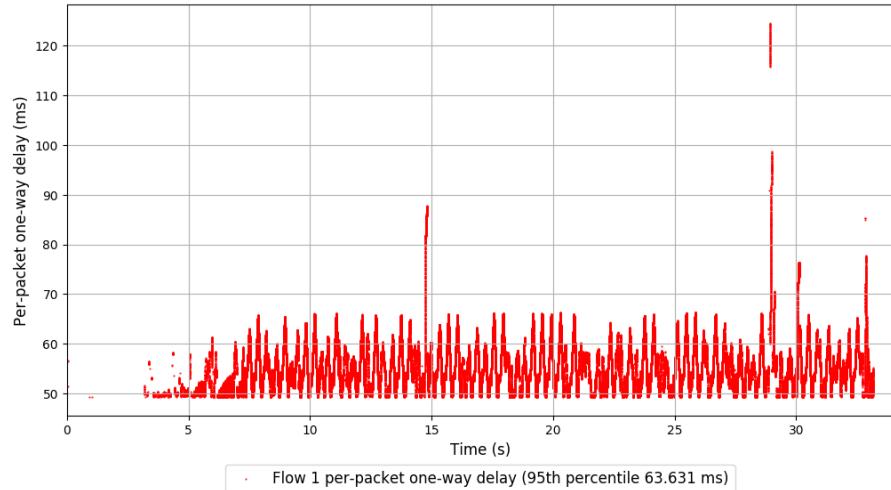
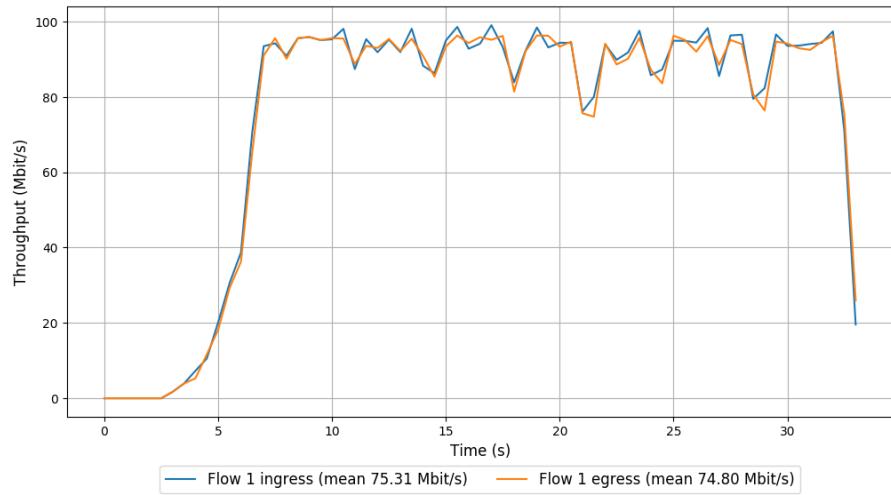
```
-- Flow 1:
```

```
Average throughput: 74.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.631 ms
```

```
Loss rate: 0.69%
```

Run 5: Report of CalibratedKoho — Data Link

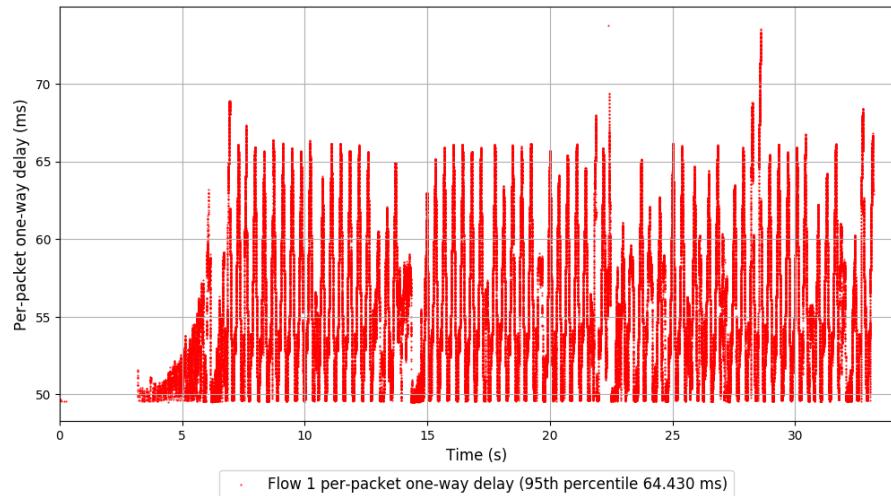
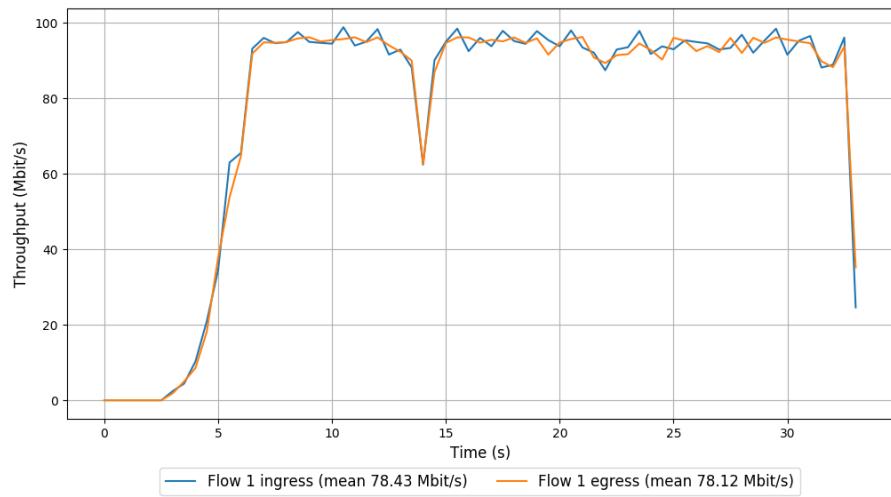


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 20:31:35 +0000
End at: Thu, 29 Jun 2017 20:32:05 +0000
Local clock offset: 0.236 ms
Remote clock offset: -1.091 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 64.430 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 64.430 ms
Loss rate: 0.37%
```

Run 6: Report of CalibratedKoho — Data Link

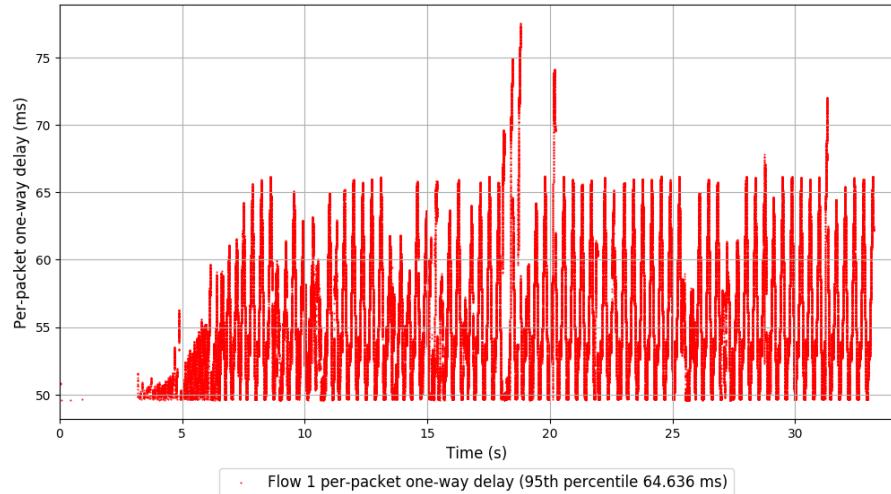
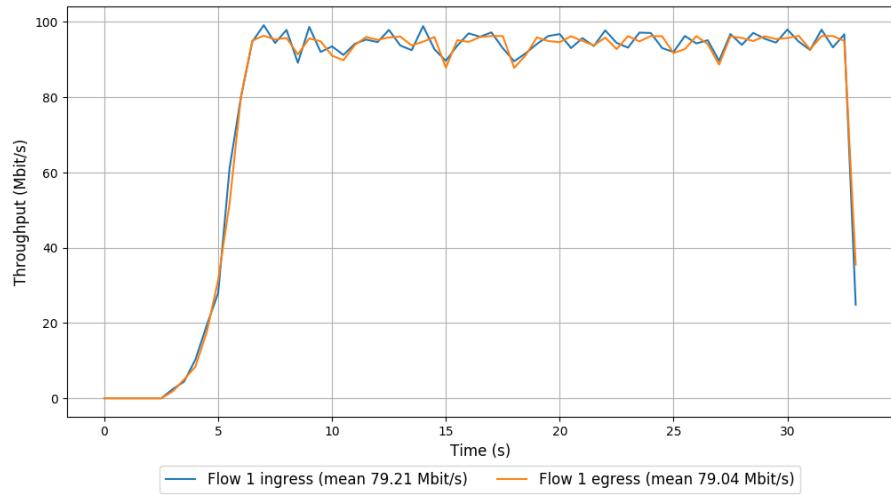


Run 7: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 20:51:14 +0000
End at: Thu, 29 Jun 2017 20:51:44 +0000
Local clock offset: 0.144 ms
Remote clock offset: -2.862 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 64.636 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 64.636 ms
Loss rate: 0.18%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:10:56 +0000
```

```
End at: Thu, 29 Jun 2017 21:11:26 +0000
```

```
Local clock offset: 0.183 ms
```

```
Remote clock offset: -3.052 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 77.55 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.265 ms
```

```
Loss rate: 0.46%
```

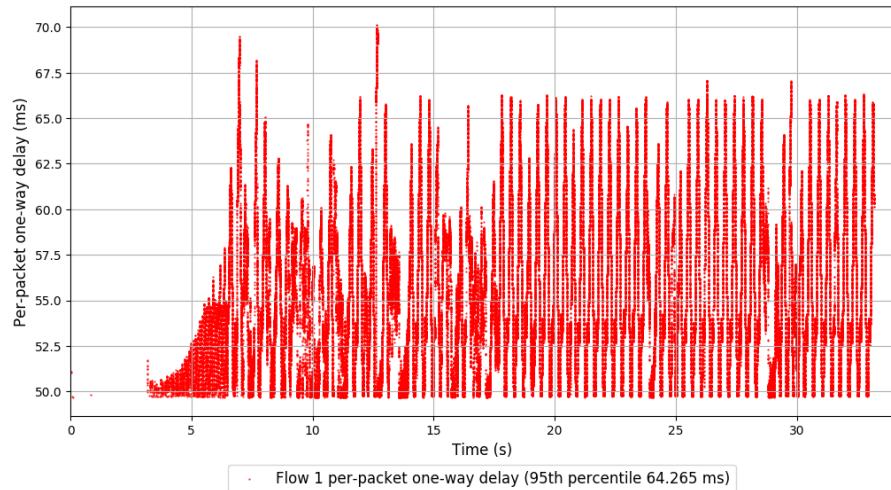
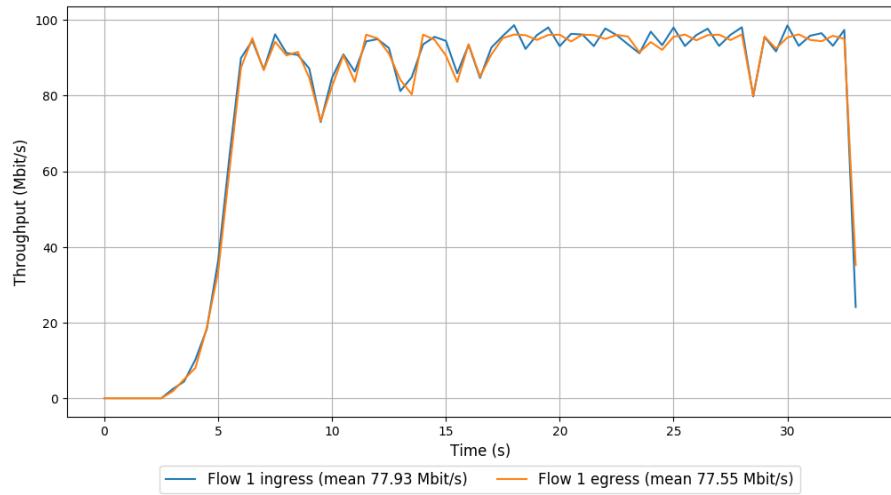
```
-- Flow 1:
```

```
Average throughput: 77.55 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.265 ms
```

```
Loss rate: 0.46%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:30:39 +0000
```

```
End at: Thu, 29 Jun 2017 21:31:09 +0000
```

```
Local clock offset: 0.153 ms
```

```
Remote clock offset: -3.423 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 78.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.039 ms
```

```
Loss rate: 0.37%
```

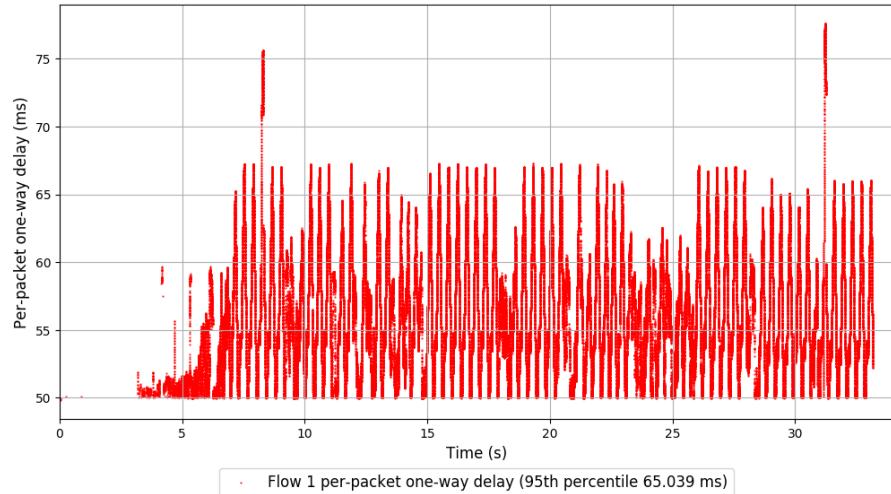
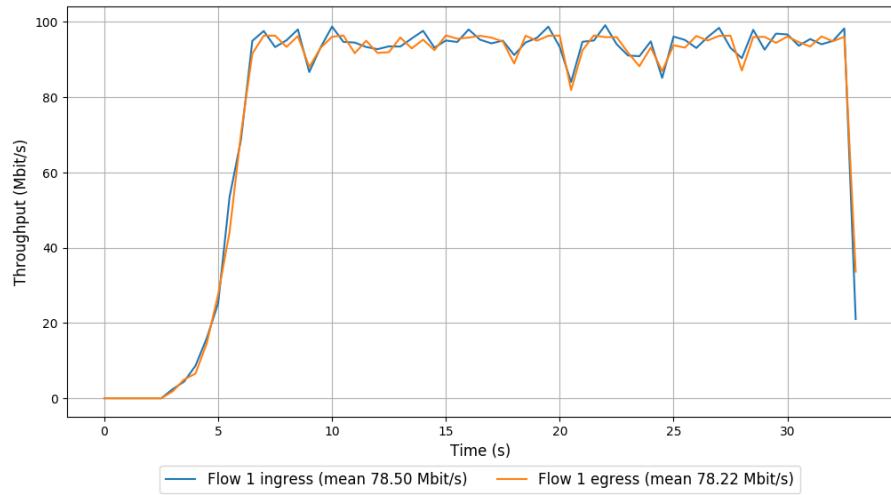
```
-- Flow 1:
```

```
Average throughput: 78.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.039 ms
```

```
Loss rate: 0.37%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:50:22 +0000
```

```
End at: Thu, 29 Jun 2017 21:50:52 +0000
```

```
Local clock offset: 0.092 ms
```

```
Remote clock offset: -1.627 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:04:53 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.45 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.252 ms
```

```
Loss rate: 0.29%
```

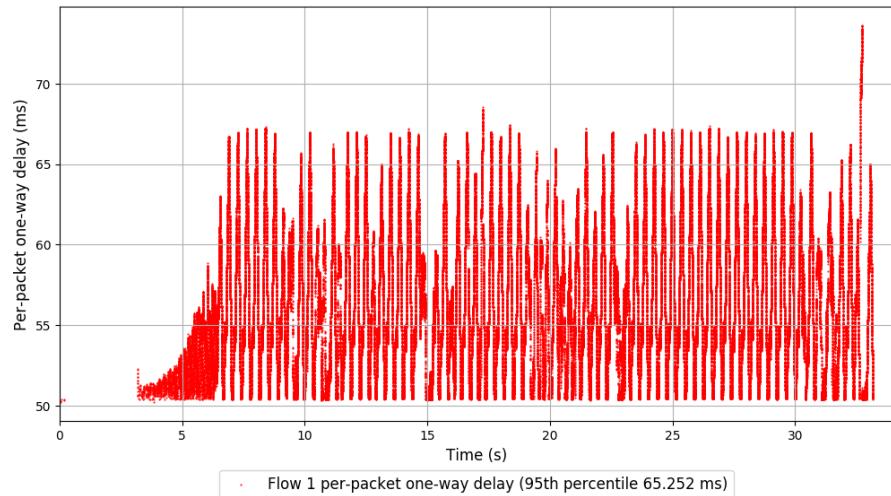
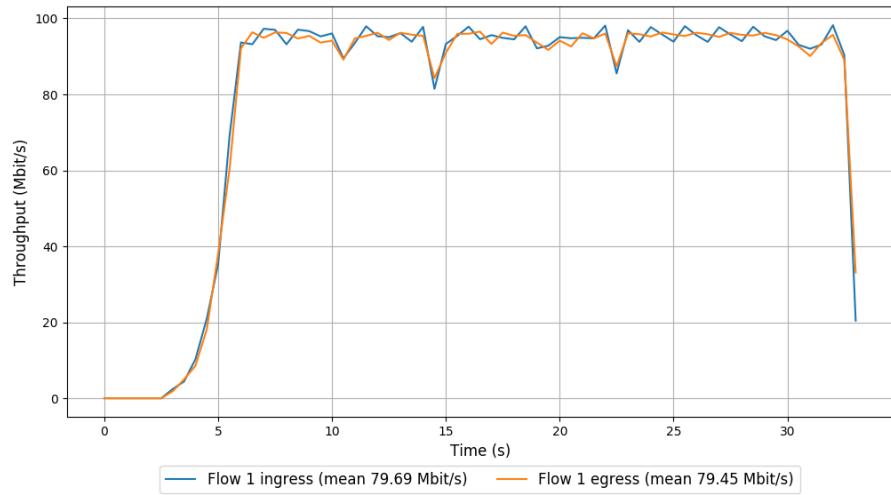
```
-- Flow 1:
```

```
Average throughput: 79.45 Mbit/s
```

```
95th percentile per-packet one-way delay: 65.252 ms
```

```
Loss rate: 0.29%
```

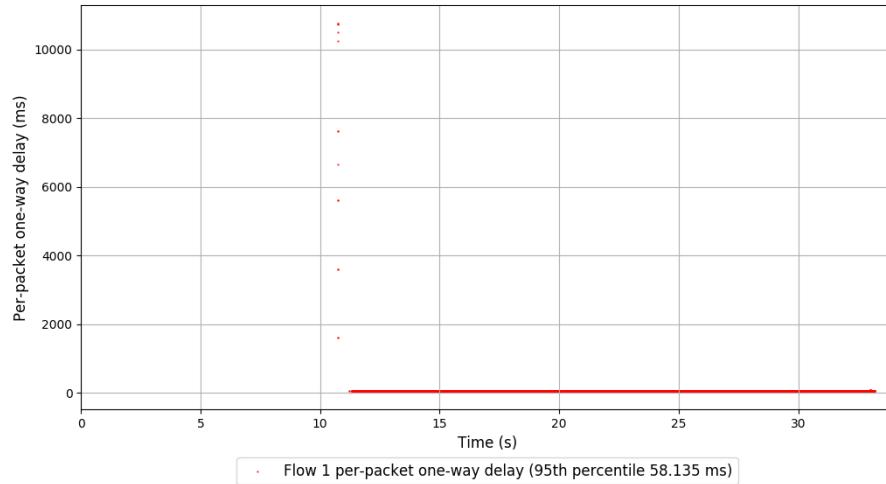
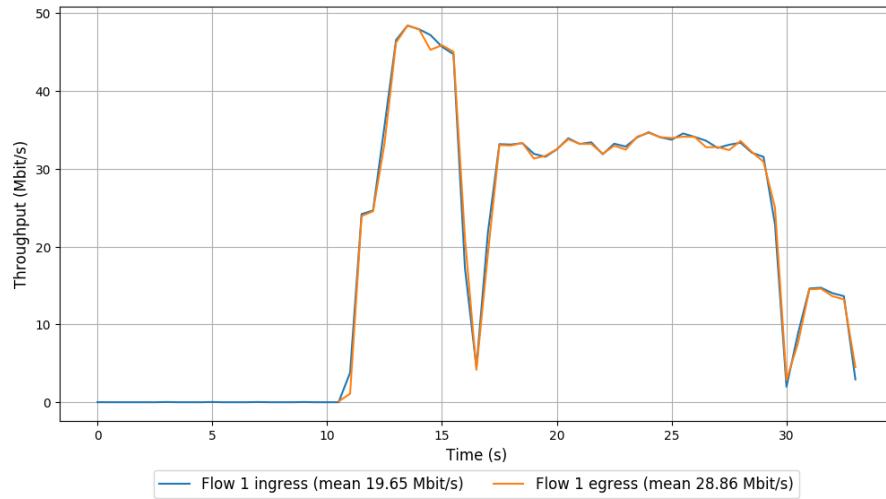
Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:01:29 +0000
End at: Thu, 29 Jun 2017 19:01:59 +0000
Local clock offset: 0.423 ms
Remote clock offset: -3.516 ms

Run 1: Report of Copa — Data Link

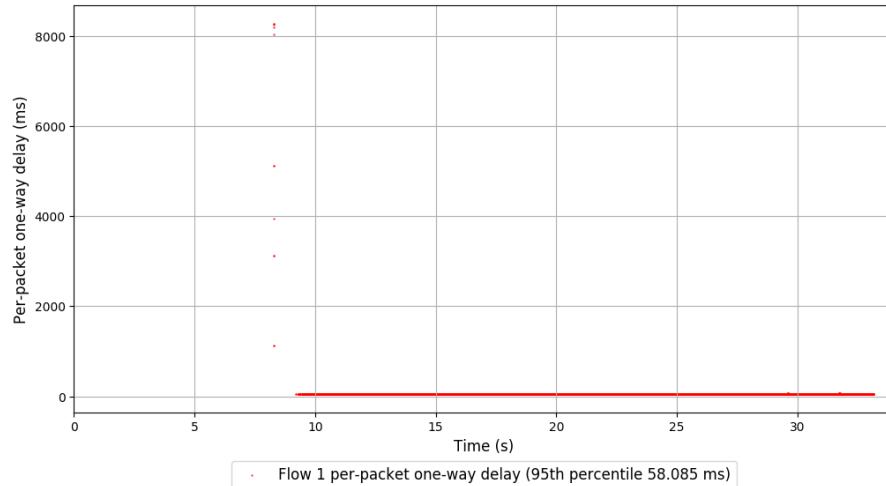
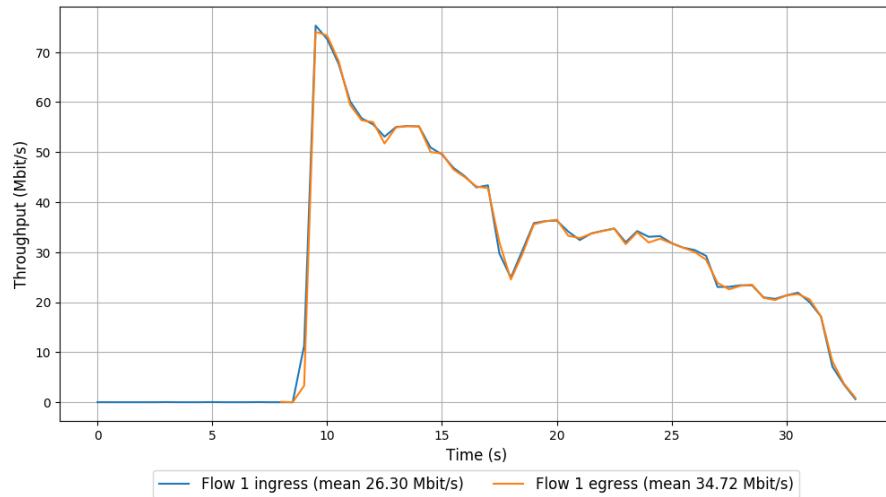


Run 2: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:21:05 +0000
End at: Thu, 29 Jun 2017 19:21:35 +0000
Local clock offset: 0.319 ms
Remote clock offset: -0.874 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 58.085 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 58.085 ms
Loss rate: 0.75%
```

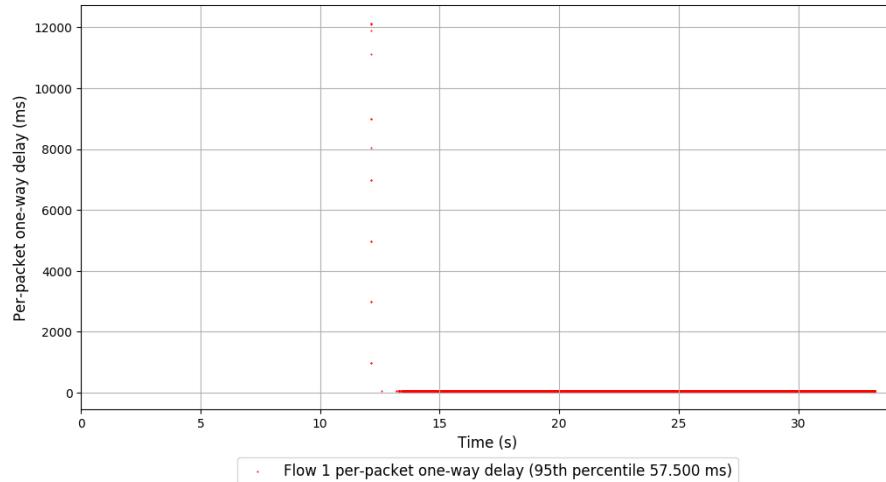
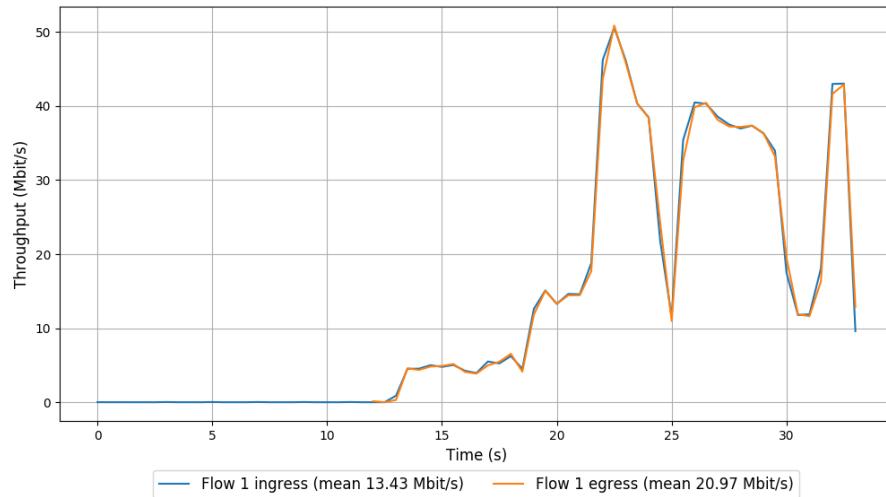
Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:40:41 +0000
End at: Thu, 29 Jun 2017 19:41:11 +0000
Local clock offset: 0.28 ms
Remote clock offset: -1.081 ms
```

Run 3: Report of Copa — Data Link

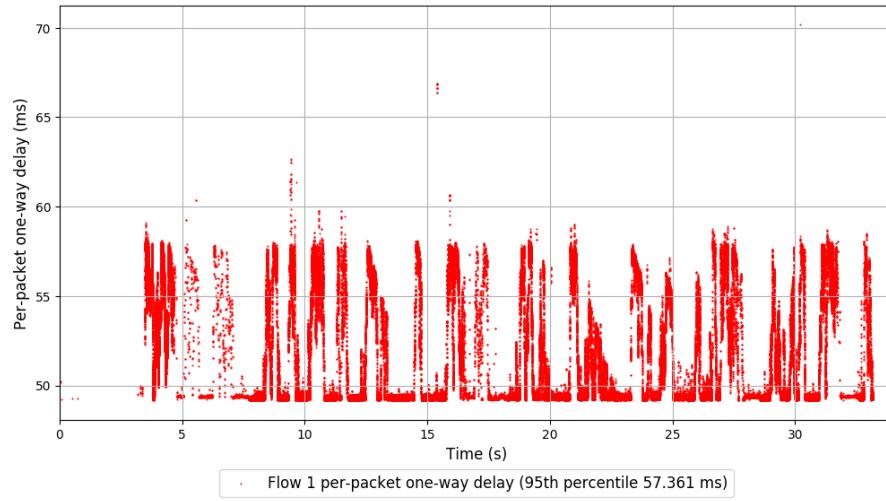
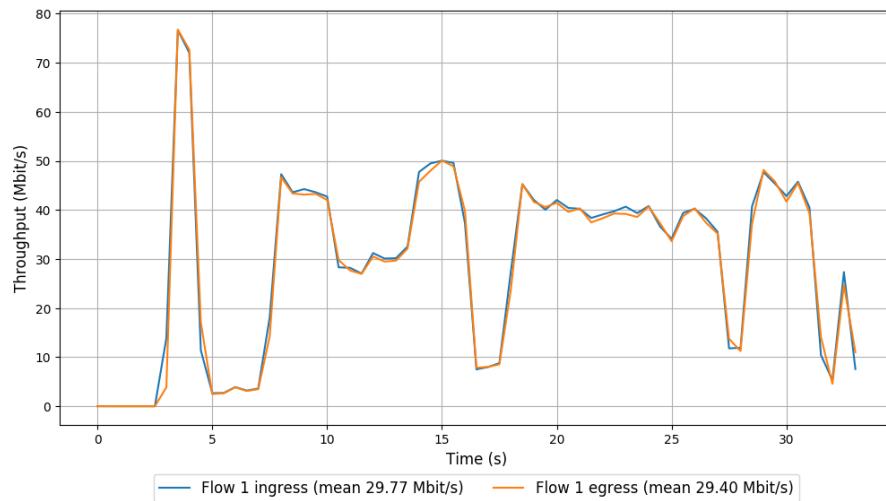


Run 4: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:00:14 +0000
End at: Thu, 29 Jun 2017 20:00:44 +0000
Local clock offset: 0.254 ms
Remote clock offset: -2.504 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 57.361 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 57.361 ms
Loss rate: 1.27%
```

Run 4: Report of Copa — Data Link

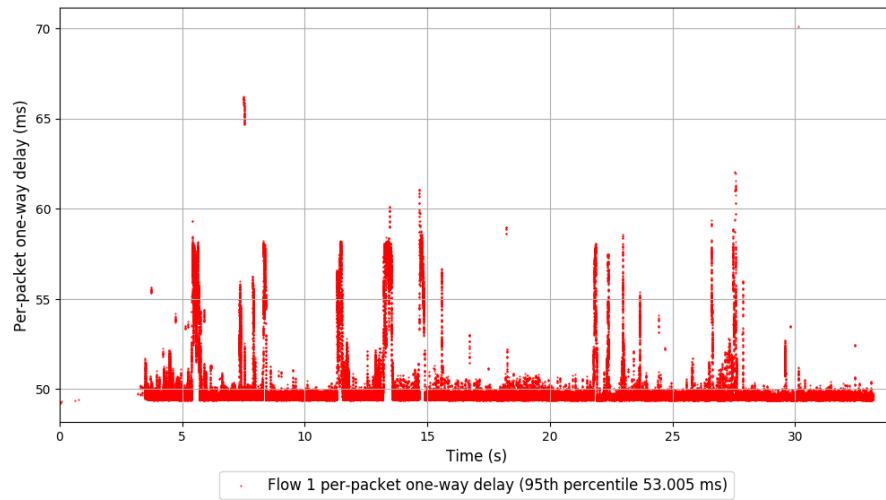
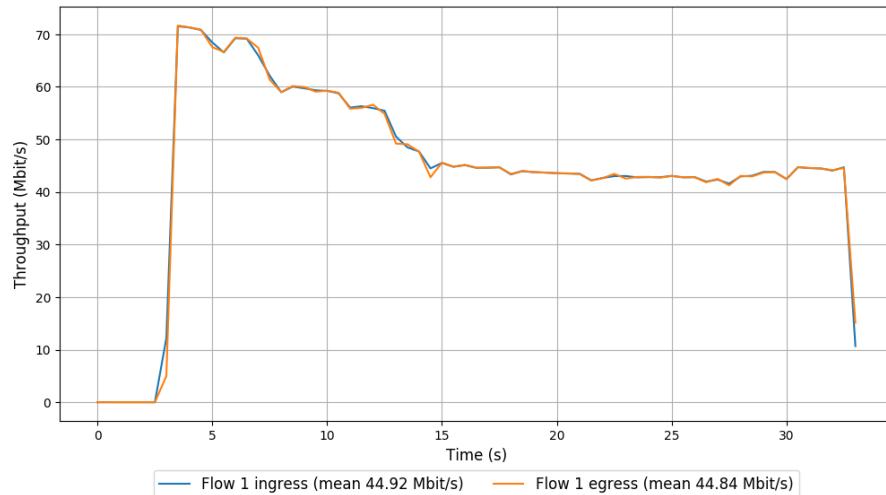


Run 5: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:19:50 +0000
End at: Thu, 29 Jun 2017 20:20:20 +0000
Local clock offset: 0.177 ms
Remote clock offset: -0.978 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.84 Mbit/s
95th percentile per-packet one-way delay: 53.005 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 44.84 Mbit/s
95th percentile per-packet one-way delay: 53.005 ms
Loss rate: 0.19%
```

Run 5: Report of Copa — Data Link

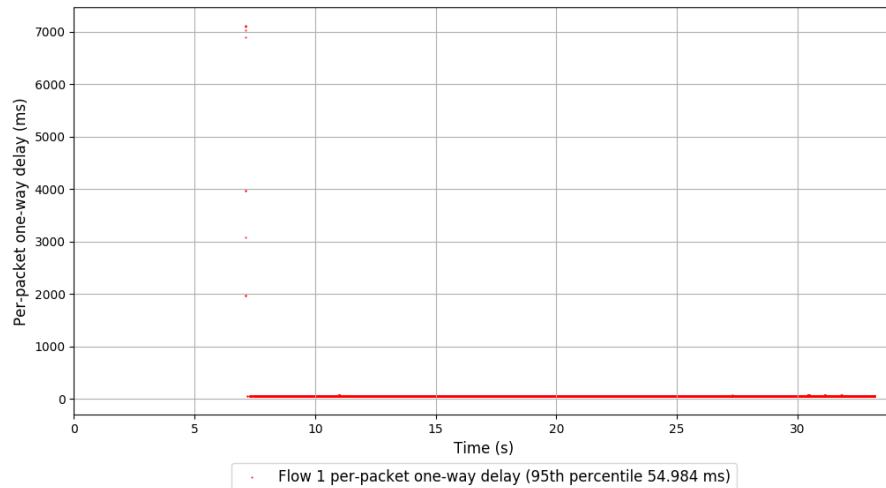
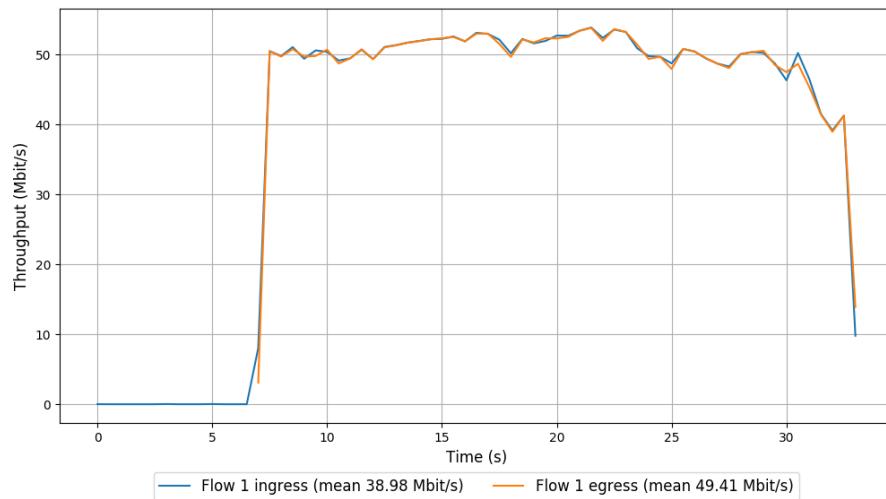


Run 6: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:39:32 +0000
End at: Thu, 29 Jun 2017 20:40:02 +0000
Local clock offset: 0.189 ms
Remote clock offset: -1.094 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 54.984 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 54.984 ms
Loss rate: 0.25%
```

Run 6: Report of Copa — Data Link

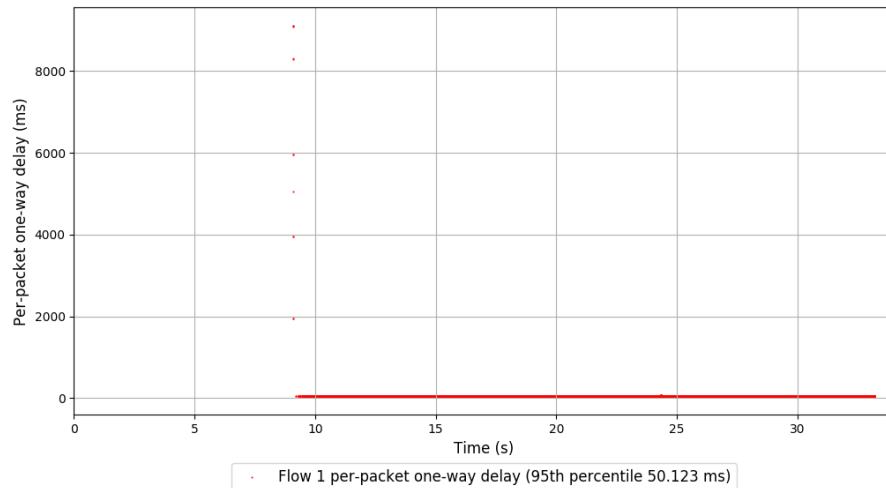
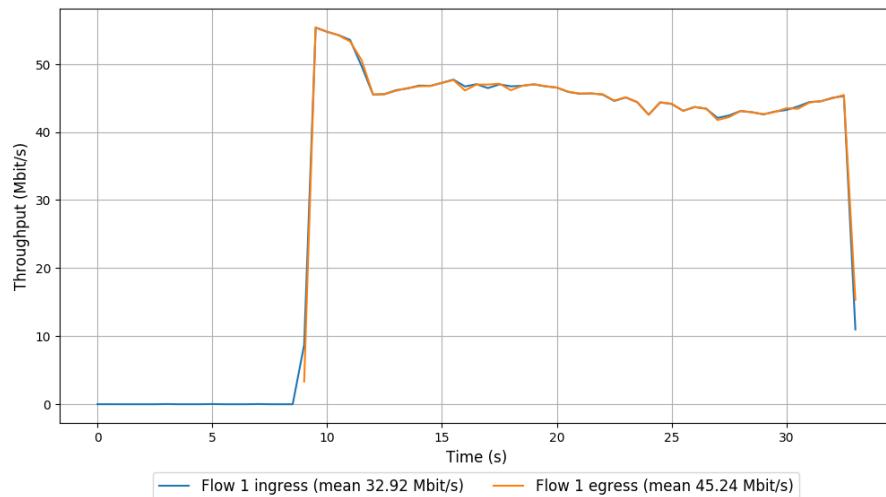


Run 7: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:59:13 +0000
End at: Thu, 29 Jun 2017 20:59:43 +0000
Local clock offset: 0.12 ms
Remote clock offset: -0.481 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: 50.123 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: 50.123 ms
Loss rate: 0.07%
```

Run 7: Report of Copa — Data Link

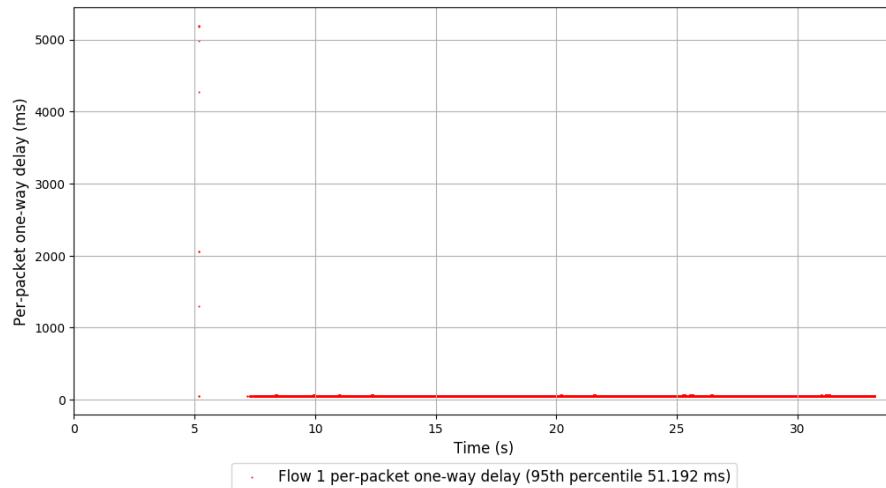
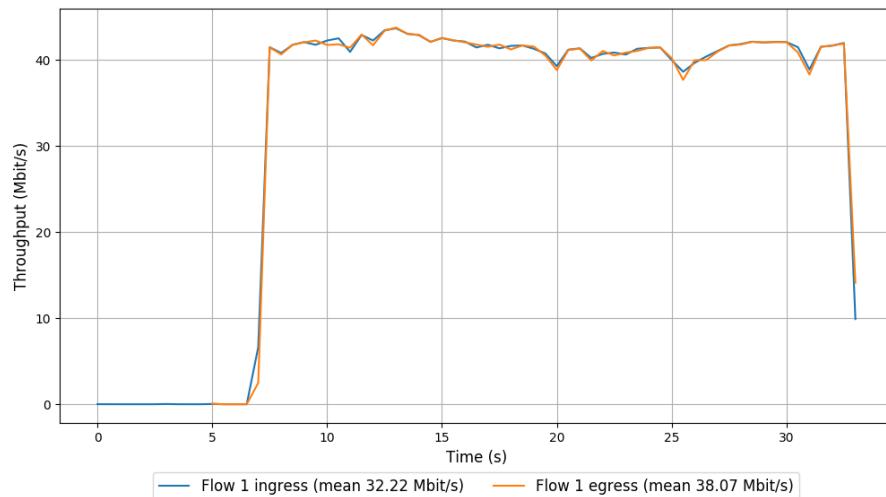


Run 8: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:18:56 +0000
End at: Thu, 29 Jun 2017 21:19:26 +0000
Local clock offset: 0.061 ms
Remote clock offset: -3.541 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 51.192 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 51.192 ms
Loss rate: 0.18%
```

Run 8: Report of Copa — Data Link

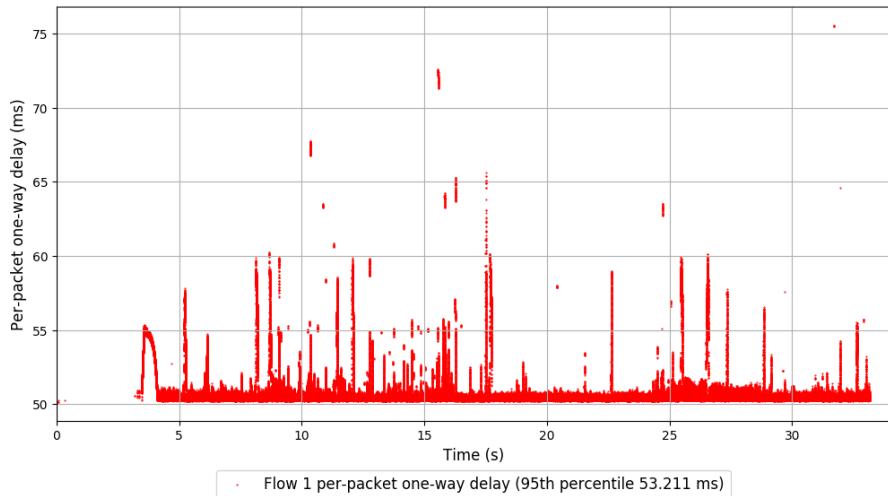
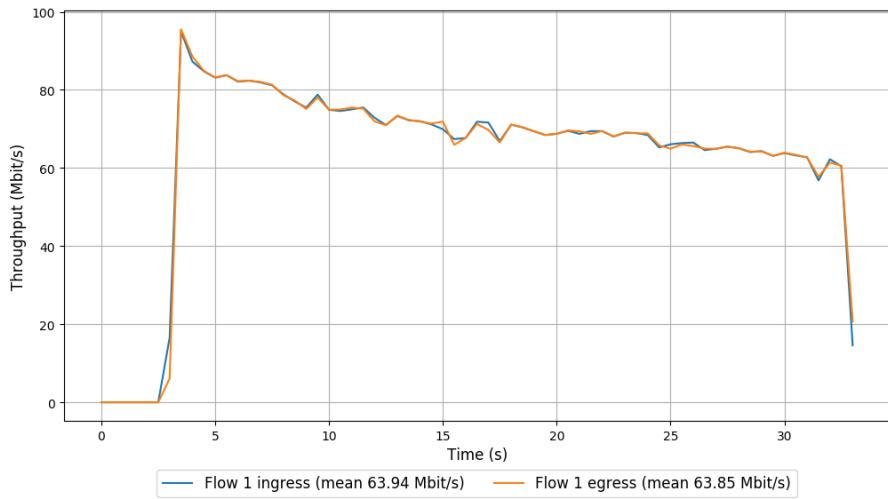


Run 9: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:38:38 +0000
End at: Thu, 29 Jun 2017 21:39:08 +0000
Local clock offset: 0.026 ms
Remote clock offset: -3.69 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 53.211 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 53.211 ms
Loss rate: 0.13%
```

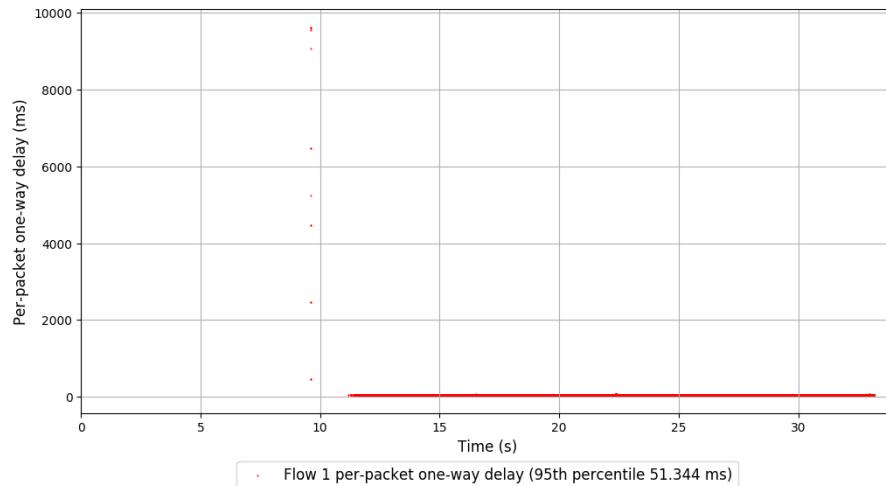
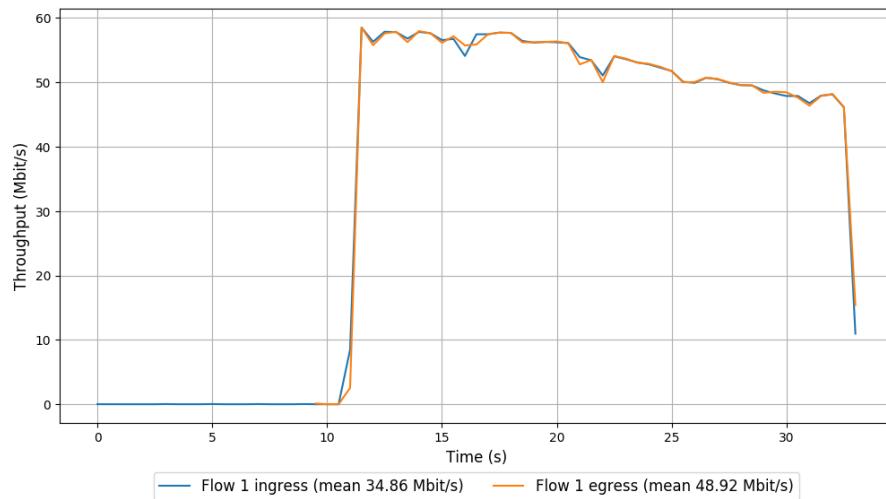
Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:58:19 +0000
End at: Thu, 29 Jun 2017 21:58:49 +0000
Local clock offset: 0.058 ms
Remote clock offset: -1.326 ms

Run 10: Report of Copa — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:56:14 +0000
```

```
End at: Thu, 29 Jun 2017 18:56:44 +0000
```

```
Local clock offset: 0.427 ms
```

```
Remote clock offset: -3.665 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 8.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.138 ms
```

```
Loss rate: 1.22%
```

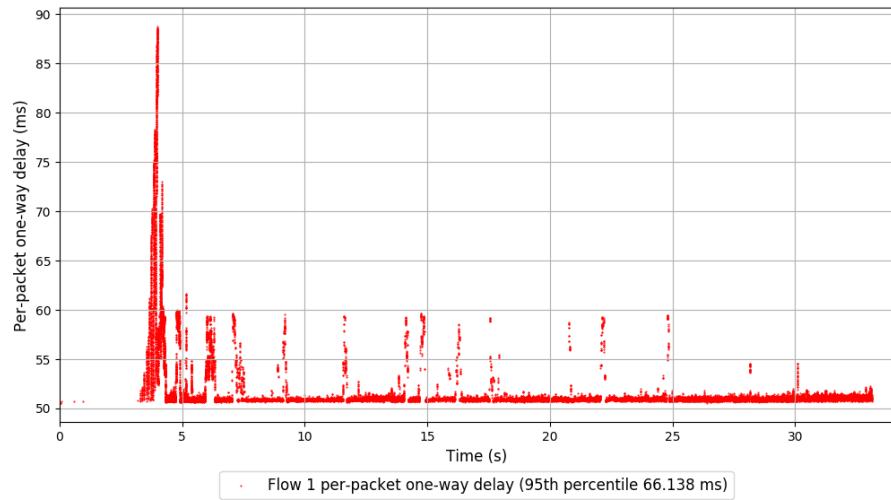
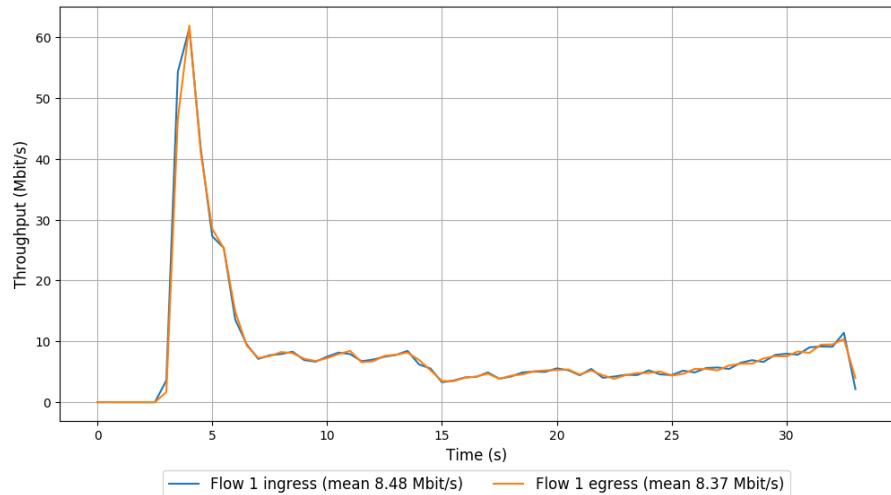
```
-- Flow 1:
```

```
Average throughput: 8.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.138 ms
```

```
Loss rate: 1.22%
```

Run 1: Report of TCP Cubic — Data Link

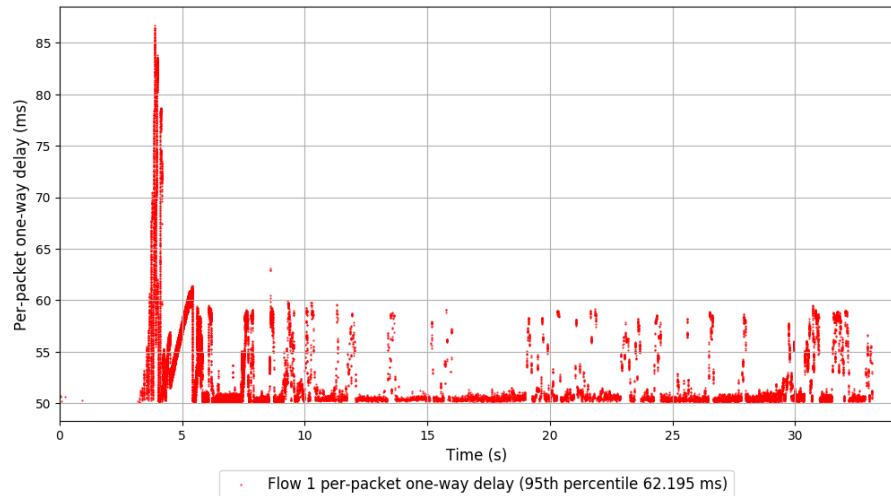
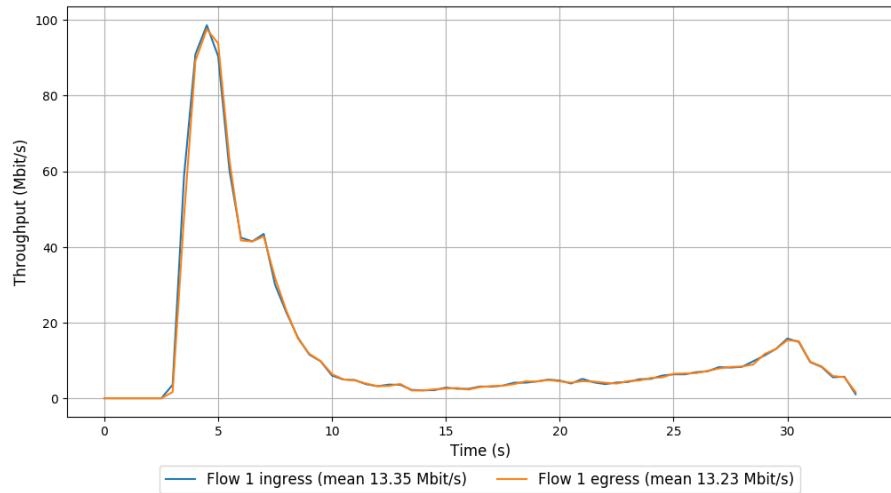


Run 2: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:15:46 +0000
End at: Thu, 29 Jun 2017 19:16:16 +0000
Local clock offset: 0.378 ms
Remote clock offset: -3.316 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 62.195 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 62.195 ms
Loss rate: 0.98%
```

Run 2: Report of TCP Cubic — Data Link

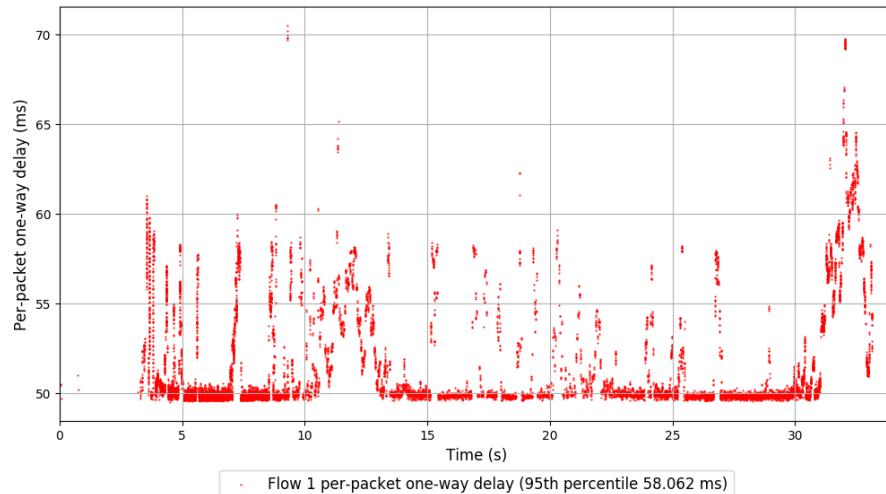
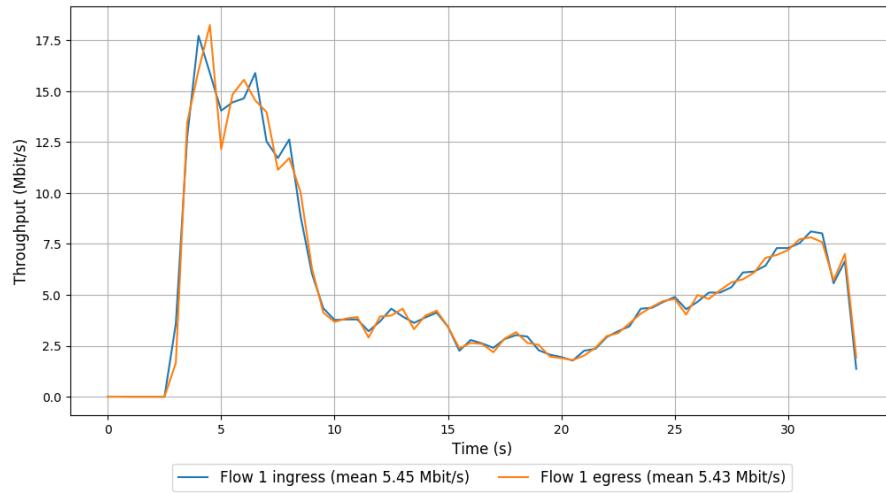


Run 3: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:35:25 +0000
End at: Thu, 29 Jun 2017 19:35:55 +0000
Local clock offset: 0.36 ms
Remote clock offset: -0.638 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 58.062 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 58.062 ms
Loss rate: 0.49%
```

Run 3: Report of TCP Cubic — Data Link

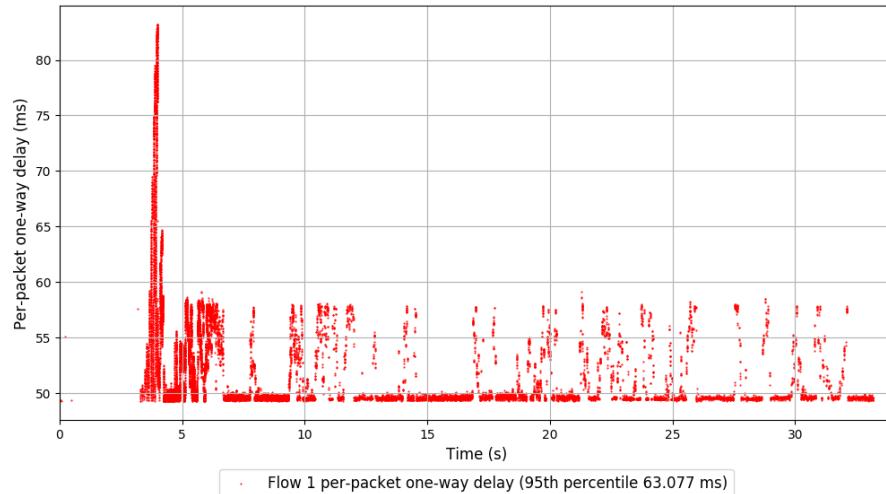
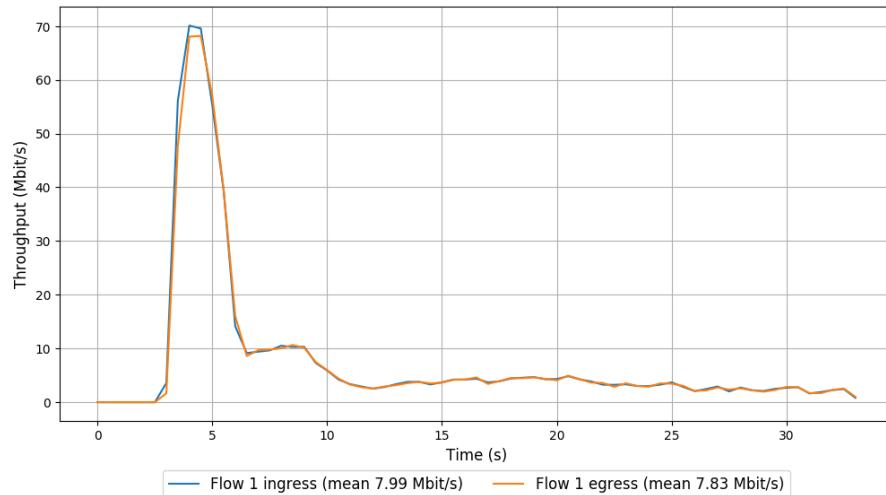


Run 4: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:54:58 +0000
End at: Thu, 29 Jun 2017 19:55:28 +0000
Local clock offset: 0.289 ms
Remote clock offset: -2.497 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.83 Mbit/s
95th percentile per-packet one-way delay: 63.077 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 7.83 Mbit/s
95th percentile per-packet one-way delay: 63.077 ms
Loss rate: 2.05%
```

Run 4: Report of TCP Cubic — Data Link

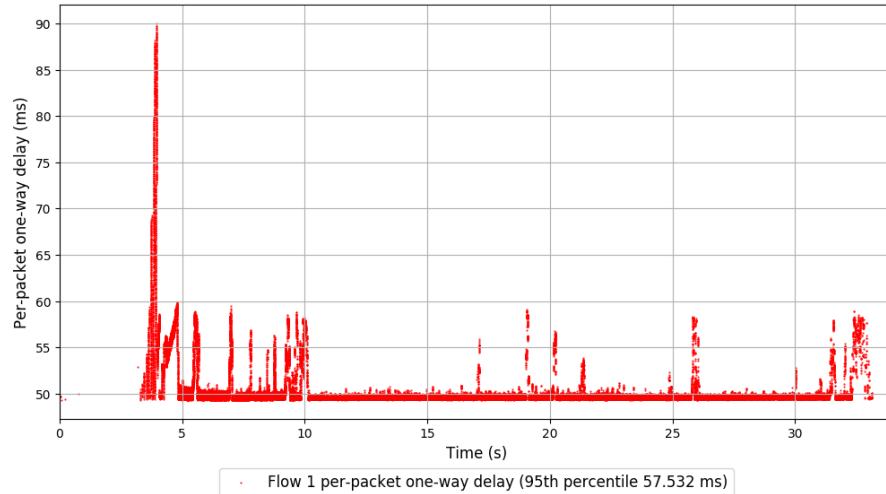
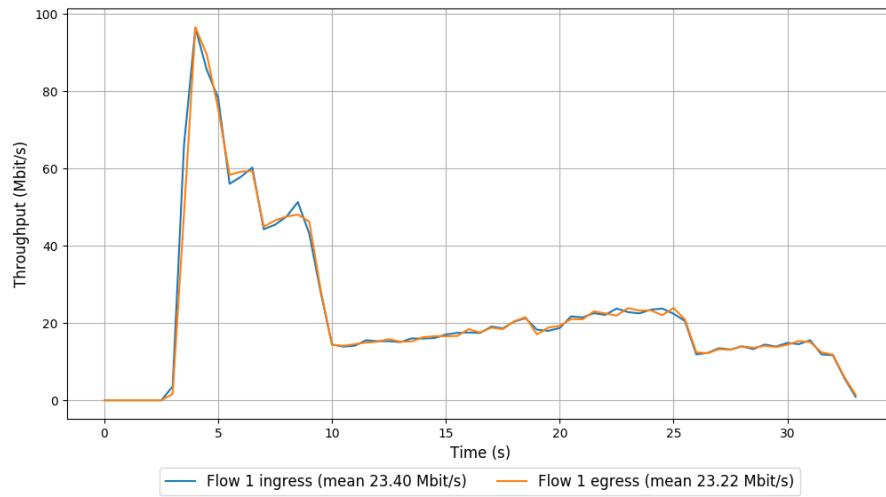


Run 5: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:14:32 +0000
End at: Thu, 29 Jun 2017 20:15:02 +0000
Local clock offset: 0.269 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 57.532 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 57.532 ms
Loss rate: 0.77%
```

Run 5: Report of TCP Cubic — Data Link

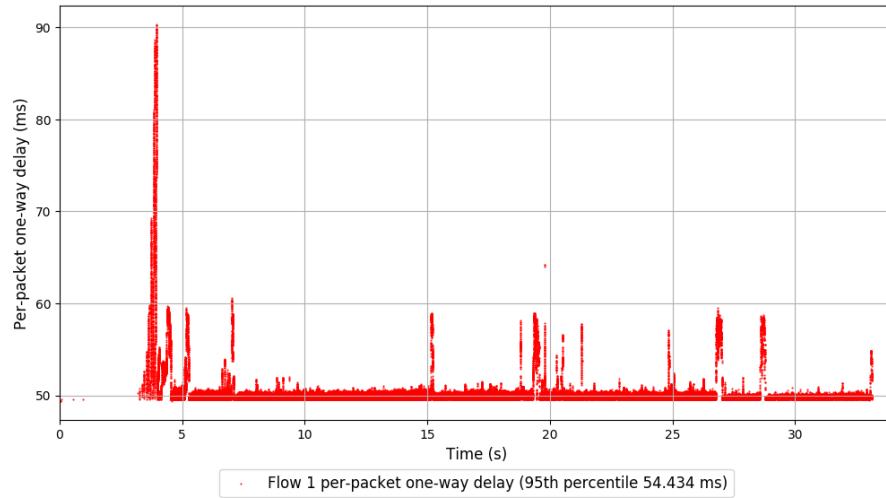
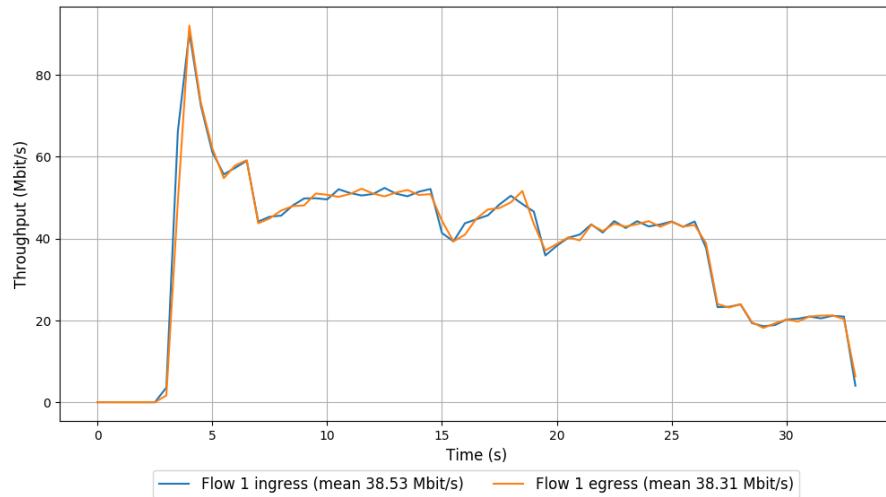


Run 6: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:34:14 +0000
End at: Thu, 29 Jun 2017 20:34:44 +0000
Local clock offset: 0.299 ms
Remote clock offset: -0.665 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 54.434 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 54.434 ms
Loss rate: 0.59%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:53:53 +0000

End at: Thu, 29 Jun 2017 20:54:23 +0000

Local clock offset: 0.25 ms

Remote clock offset: -2.882 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:05:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 58.377 ms

Loss rate: 0.31%

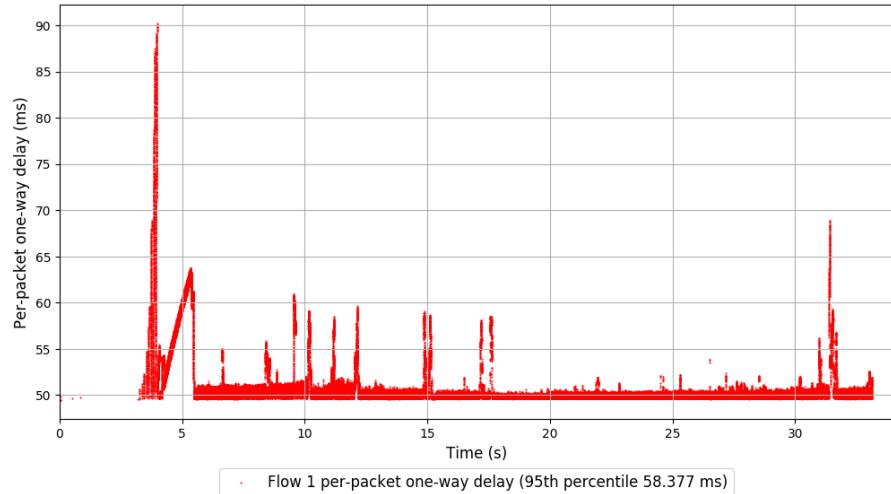
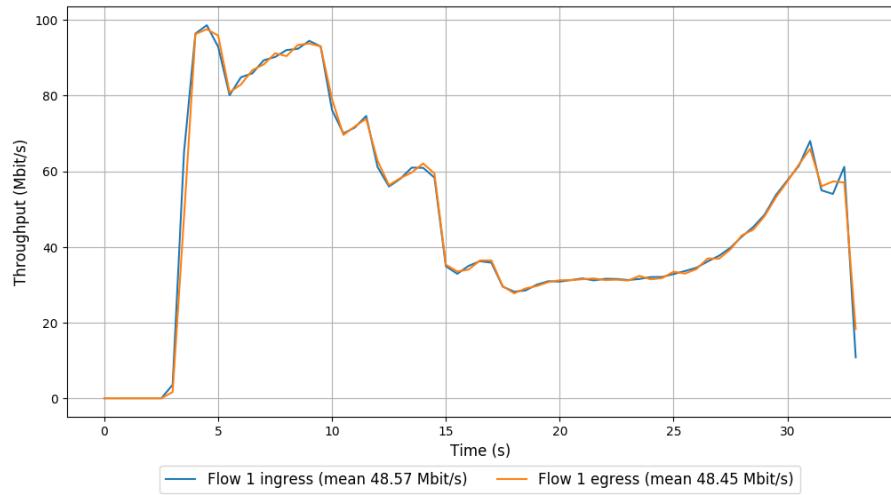
-- Flow 1:

Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 58.377 ms

Loss rate: 0.31%

Run 7: Report of TCP Cubic — Data Link

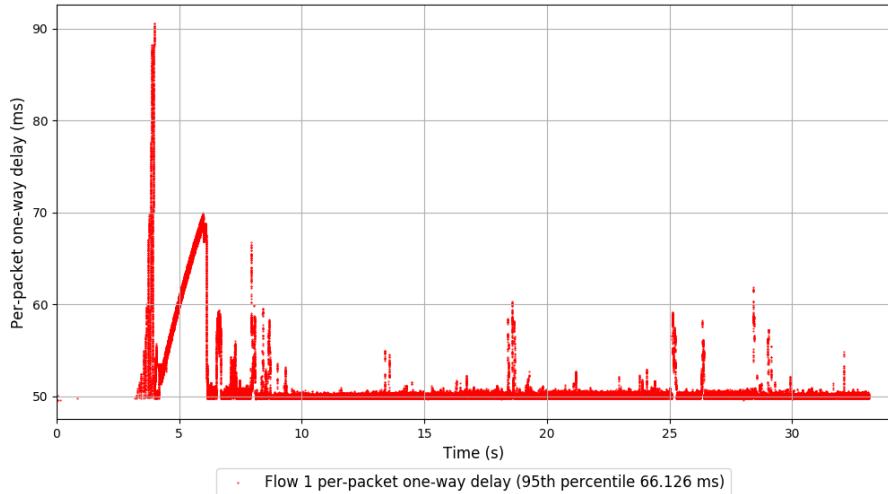
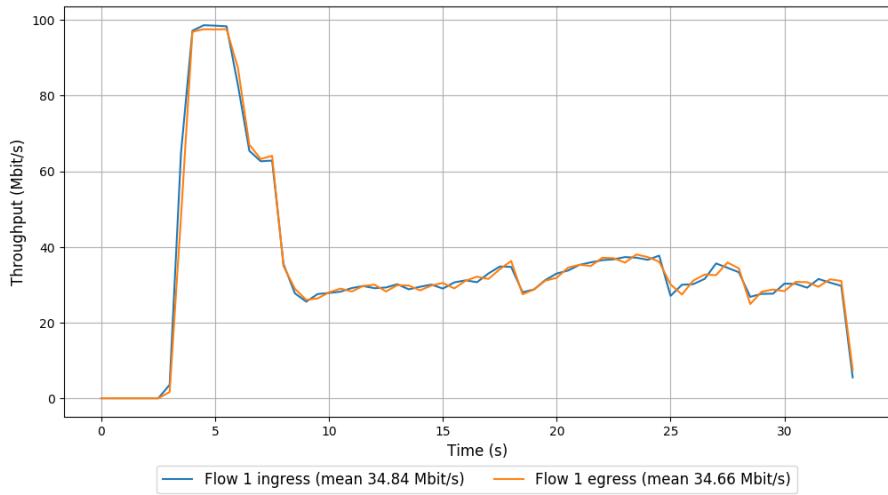


Run 8: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:13:35 +0000
End at: Thu, 29 Jun 2017 21:14:05 +0000
Local clock offset: 0.163 ms
Remote clock offset: -0.495 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:05:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.66 Mbit/s
95th percentile per-packet one-way delay: 66.126 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 34.66 Mbit/s
95th percentile per-packet one-way delay: 66.126 ms
Loss rate: 0.54%
```

Run 8: Report of TCP Cubic — Data Link

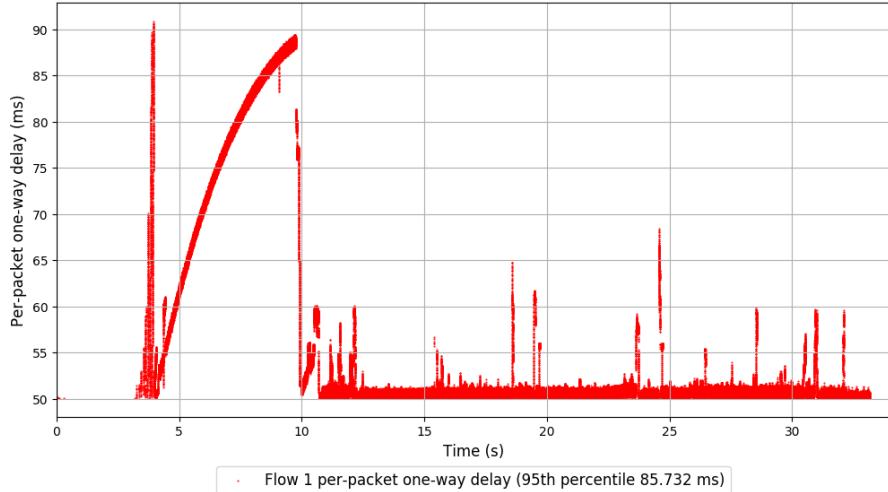
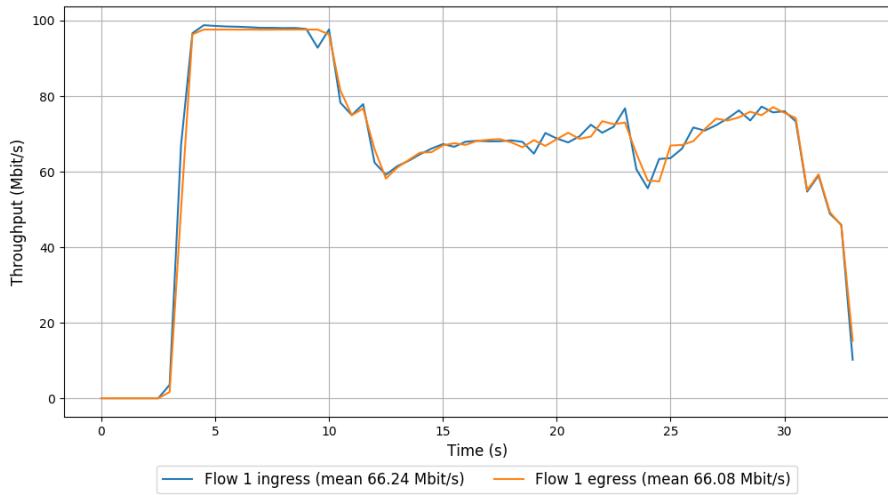


Run 9: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:33:19 +0000
End at: Thu, 29 Jun 2017 21:33:49 +0000
Local clock offset: 0.105 ms
Remote clock offset: -1.183 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 85.732 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 85.732 ms
Loss rate: 0.27%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:53:00 +0000
```

```
End at: Thu, 29 Jun 2017 21:53:30 +0000
```

```
Local clock offset: -0.028 ms
```

```
Remote clock offset: -1.799 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 66.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 69.484 ms
```

```
Loss rate: 0.26%
```

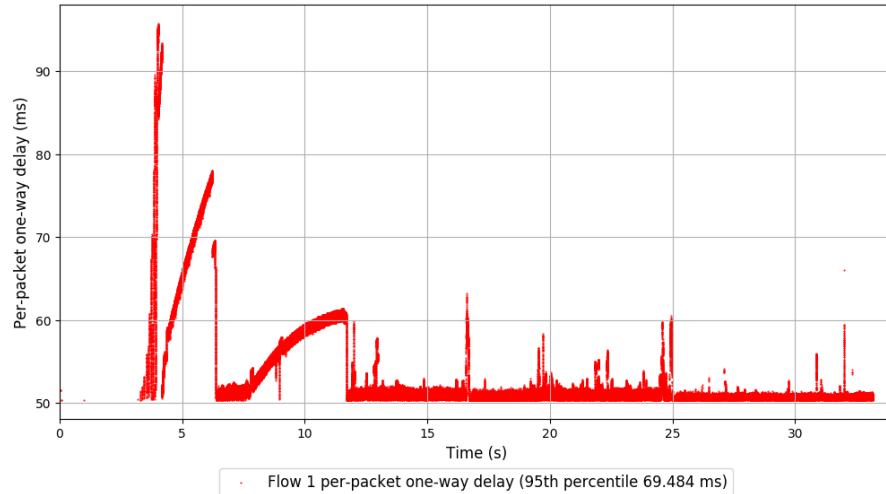
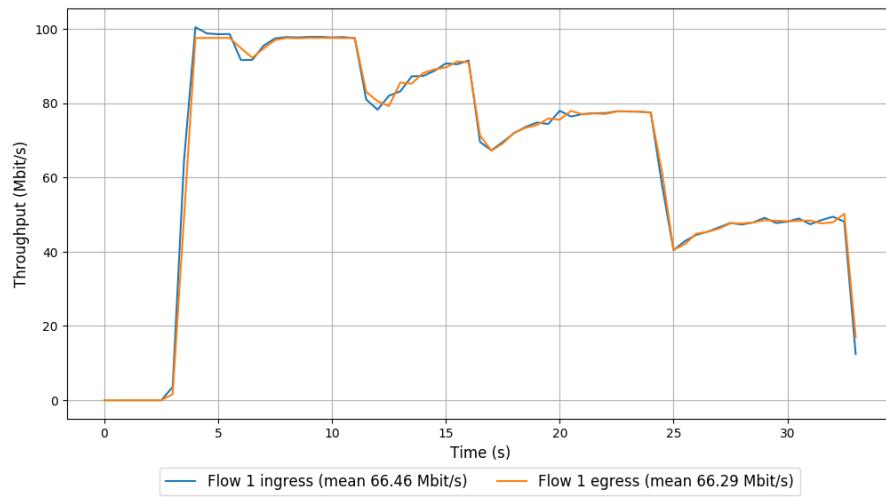
```
-- Flow 1:
```

```
Average throughput: 66.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 69.484 ms
```

```
Loss rate: 0.26%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Thu, 29 Jun 2017 19:10:35 +0000
```

```
End at: Thu, 29 Jun 2017 19:11:05 +0000
```

```
Local clock offset: 0.481 ms
```

```
Remote clock offset: -0.787 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 11.92 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.164 ms
```

```
Loss rate: 0.59%
```

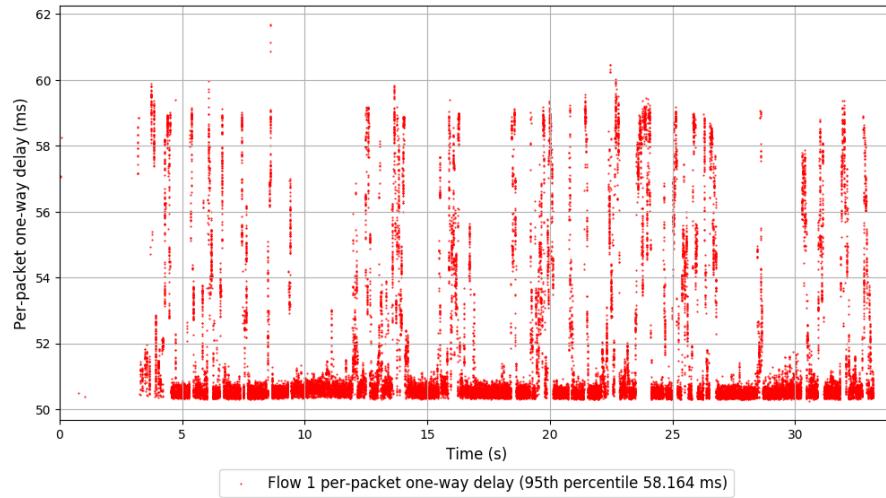
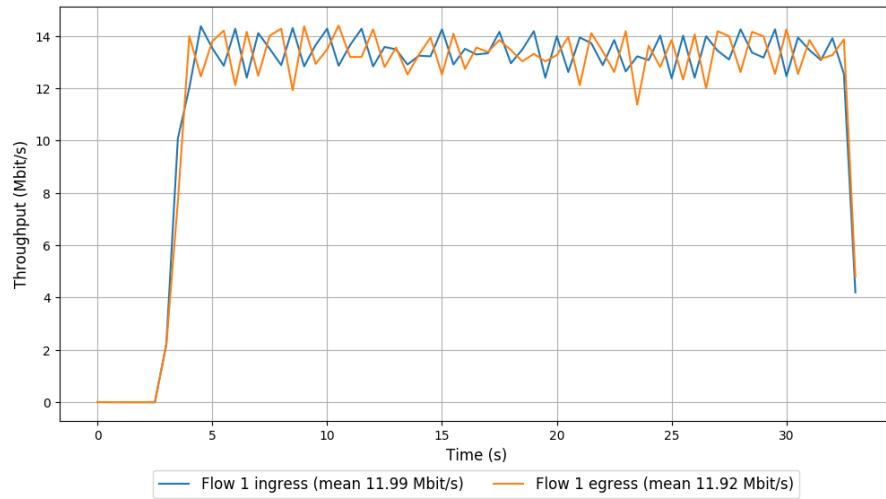
```
-- Flow 1:
```

```
Average throughput: 11.92 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.164 ms
```

```
Loss rate: 0.59%
```

Run 1: Report of KohoCC — Data Link

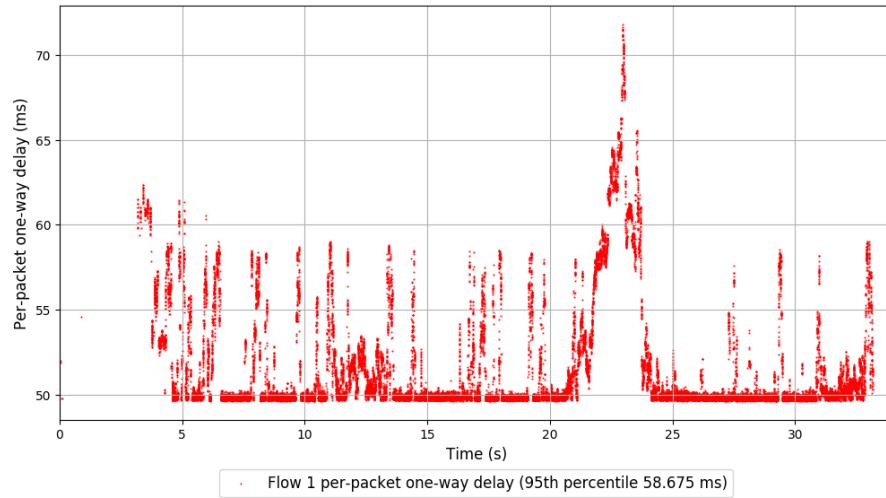
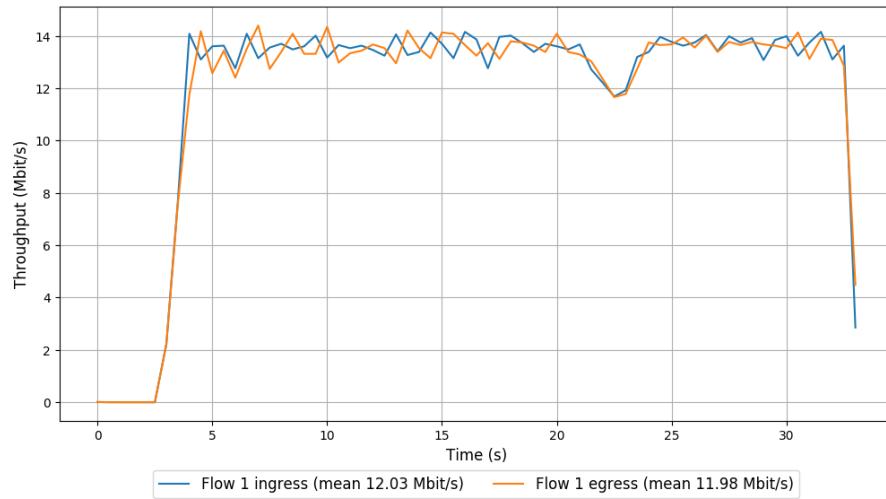


Run 2: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:30:15 +0000
End at: Thu, 29 Jun 2017 19:30:45 +0000
Local clock offset: 0.305 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 58.675 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 58.675 ms
Loss rate: 0.39%
```

Run 2: Report of KohoCC — Data Link

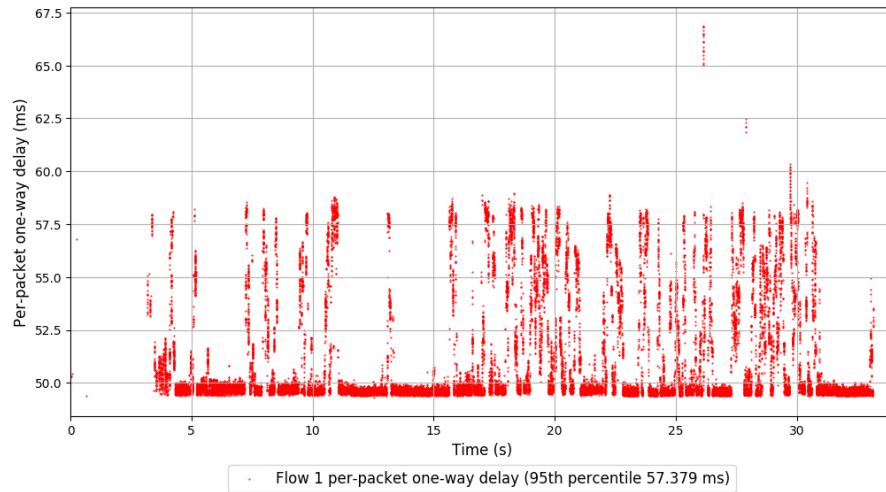
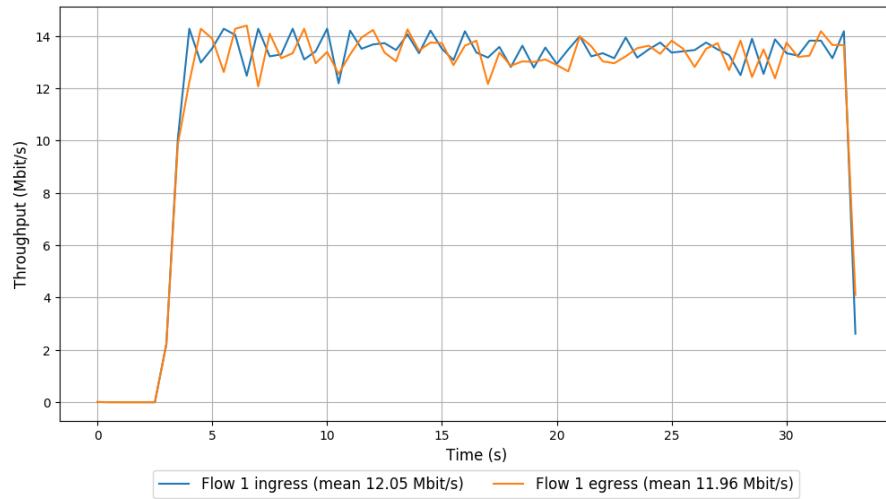


Run 3: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:49:48 +0000
End at: Thu, 29 Jun 2017 19:50:18 +0000
Local clock offset: 0.221 ms
Remote clock offset: -2.685 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 57.379 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 57.379 ms
Loss rate: 0.85%
```

Run 3: Report of KohoCC — Data Link

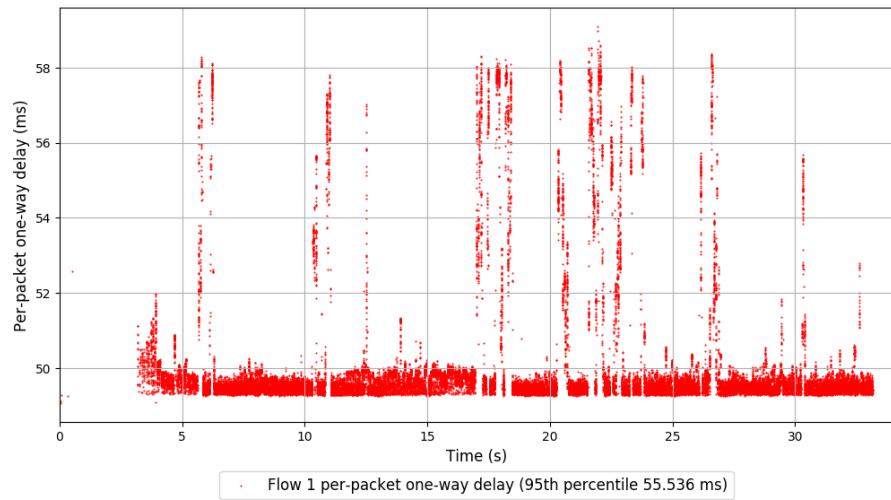
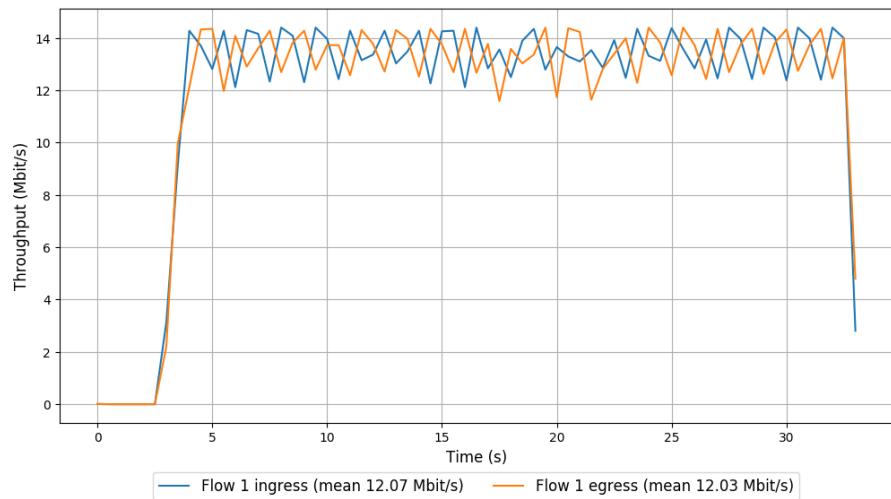


Run 4: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:09:21 +0000
End at: Thu, 29 Jun 2017 20:09:51 +0000
Local clock offset: 0.239 ms
Remote clock offset: -0.413 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 55.536 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 55.536 ms
Loss rate: 0.38%
```

Run 4: Report of KohoCC — Data Link

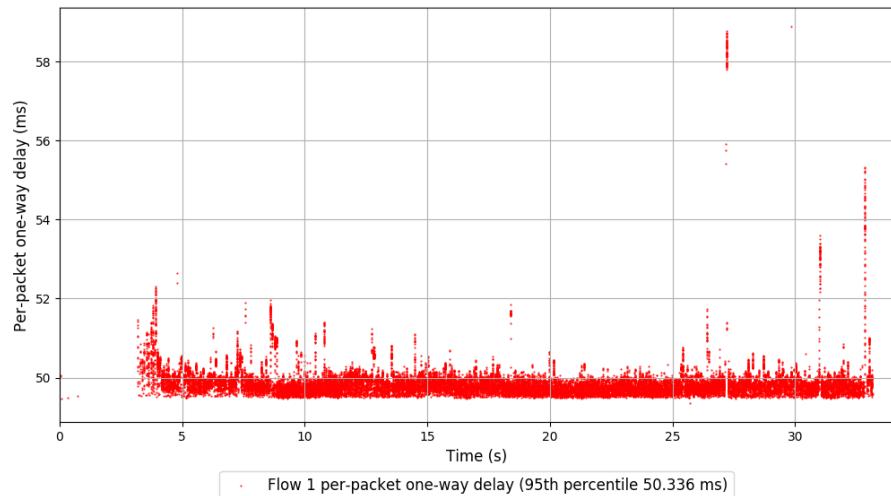
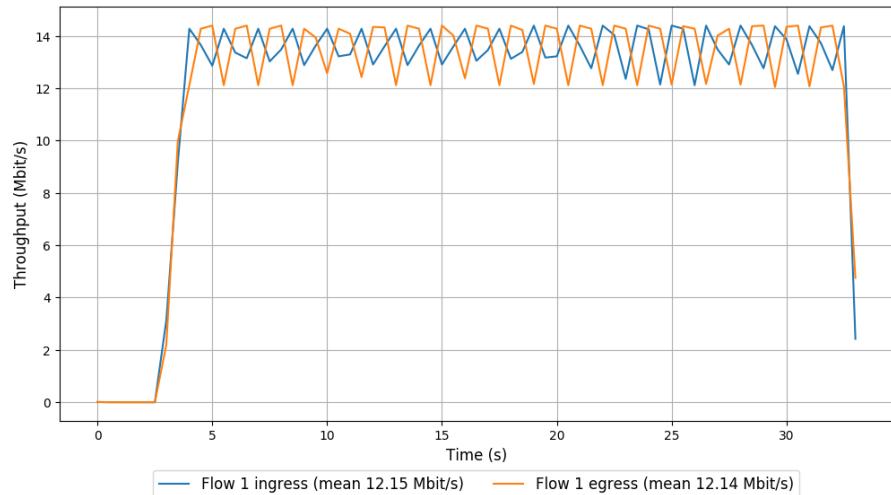


Run 5: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:29:03 +0000
End at: Thu, 29 Jun 2017 20:29:33 +0000
Local clock offset: 0.19 ms
Remote clock offset: -0.145 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 50.336 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 50.336 ms
Loss rate: 0.04%
```

Run 5: Report of KohoCC — Data Link

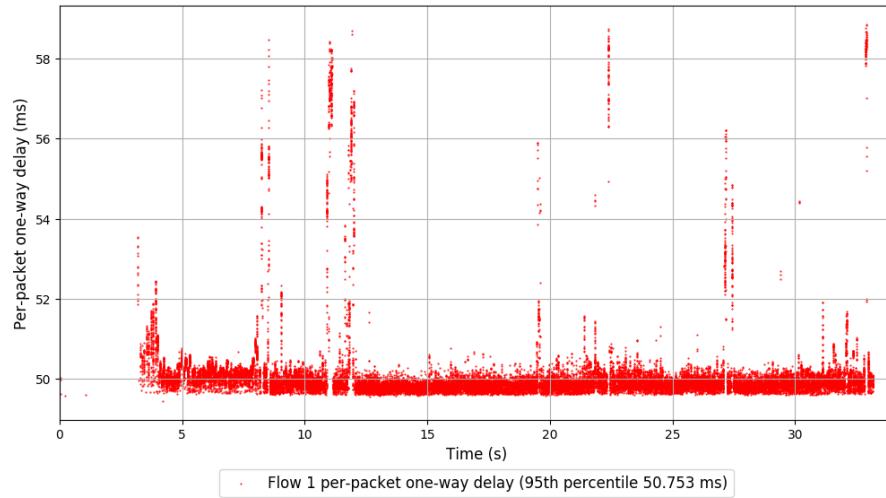
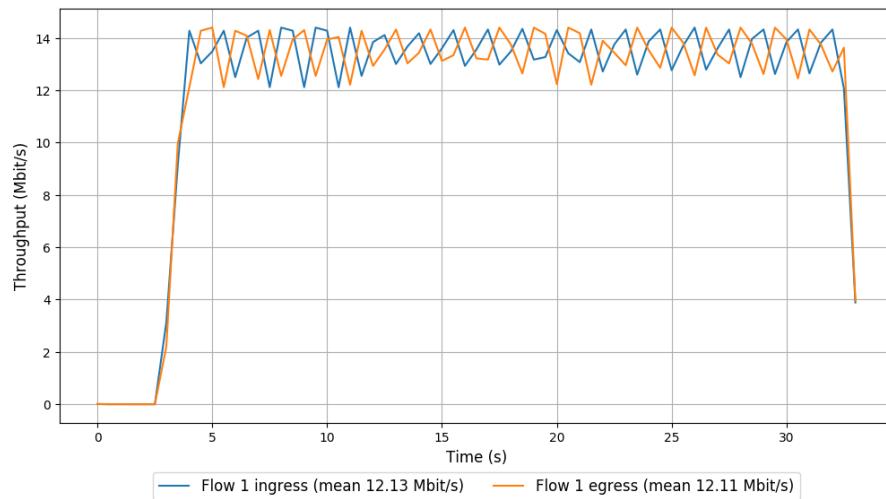


Run 6: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:48:43 +0000
End at: Thu, 29 Jun 2017 20:49:13 +0000
Local clock offset: 0.17 ms
Remote clock offset: -2.935 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.17%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:08:23 +0000

End at: Thu, 29 Jun 2017 21:08:53 +0000

Local clock offset: 0.169 ms

Remote clock offset: -1.022 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:06:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 52.788 ms

Loss rate: 0.14%

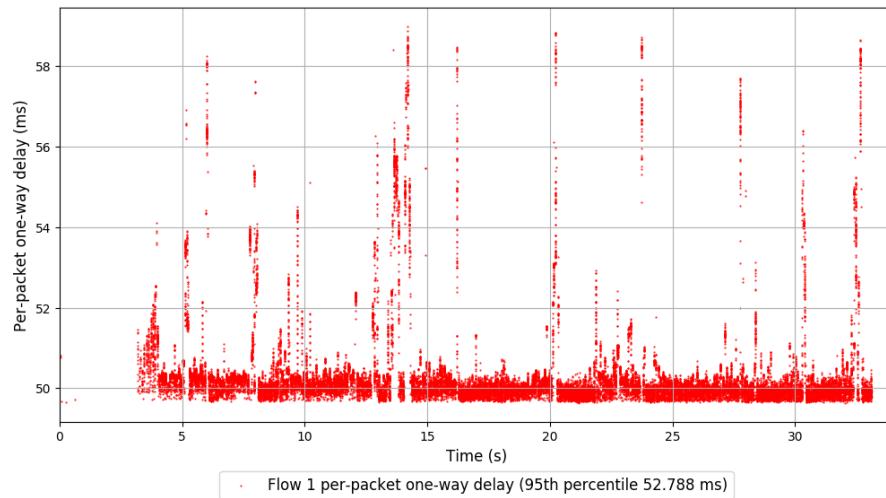
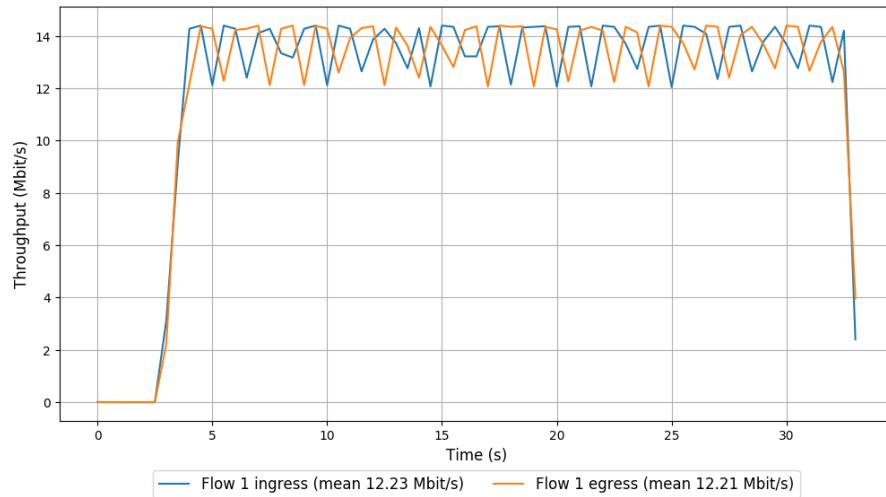
-- Flow 1:

Average throughput: 12.21 Mbit/s

95th percentile per-packet one-way delay: 52.788 ms

Loss rate: 0.14%

Run 7: Report of KohoCC — Data Link

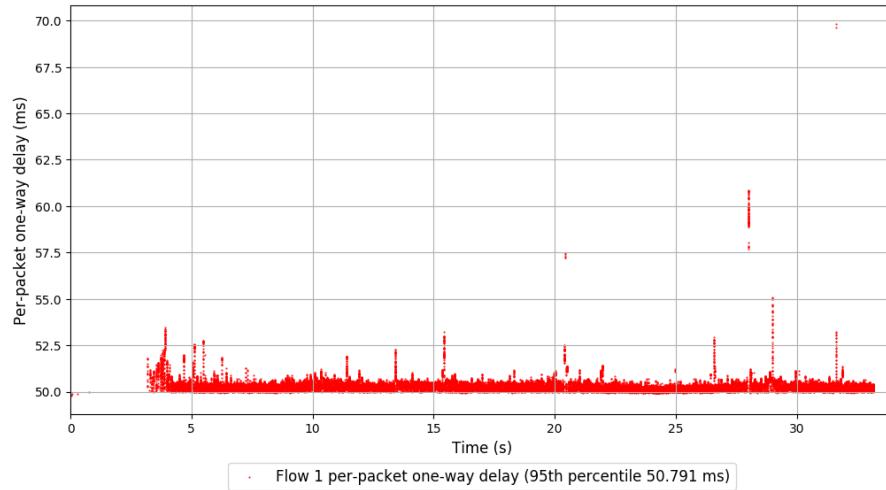
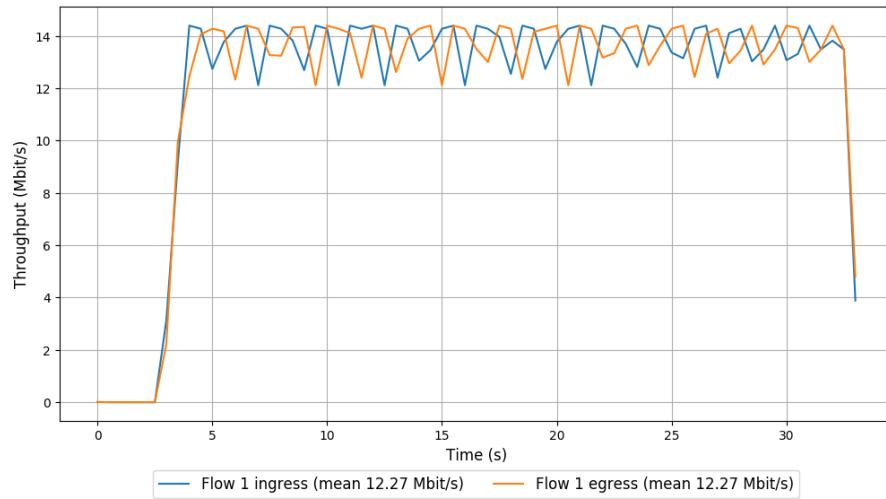


Run 8: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:28:07 +0000
End at: Thu, 29 Jun 2017 21:28:37 +0000
Local clock offset: 0.078 ms
Remote clock offset: -0.833 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.27 Mbit/s
95th percentile per-packet one-way delay: 50.791 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.27 Mbit/s
95th percentile per-packet one-way delay: 50.791 ms
Loss rate: 0.01%
```

Run 8: Report of KohoCC — Data Link

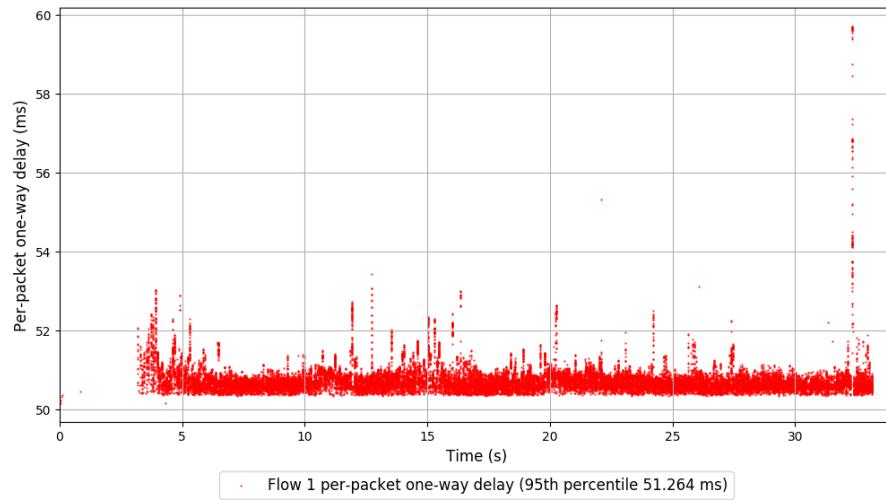
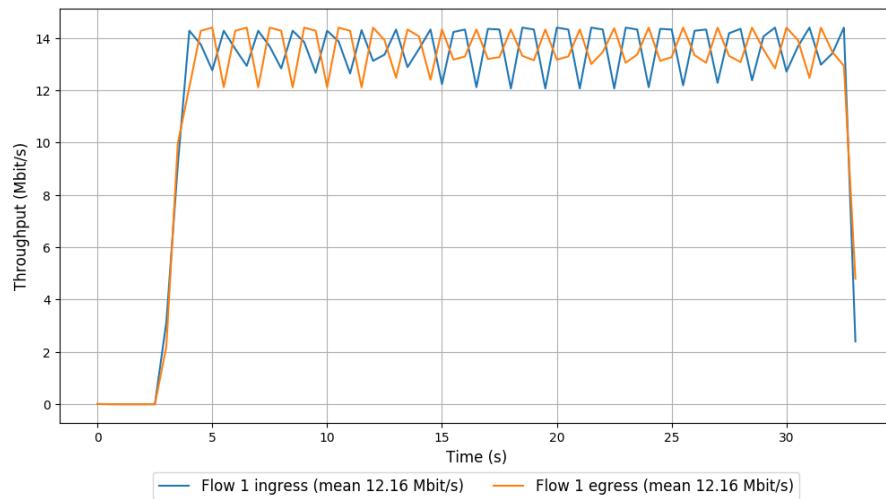


Run 9: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:47:49 +0000
End at: Thu, 29 Jun 2017 21:48:19 +0000
Local clock offset: 0.002 ms
Remote clock offset: -4.25 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 51.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 51.264 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

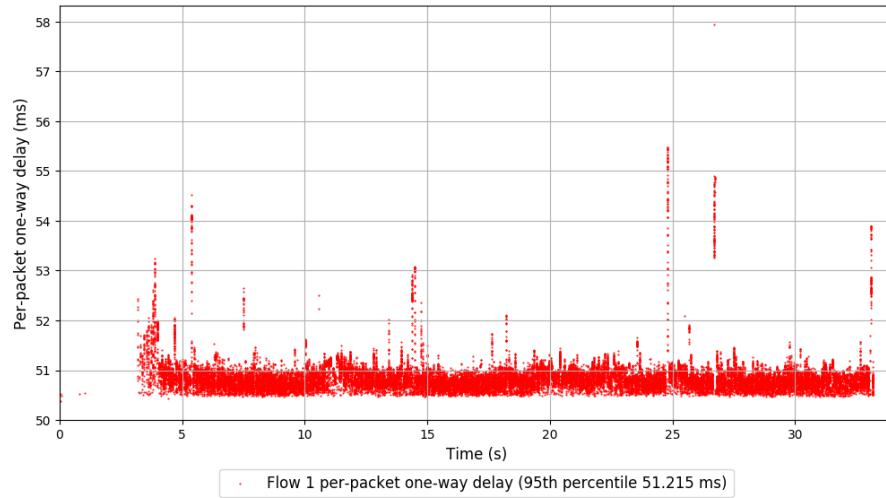
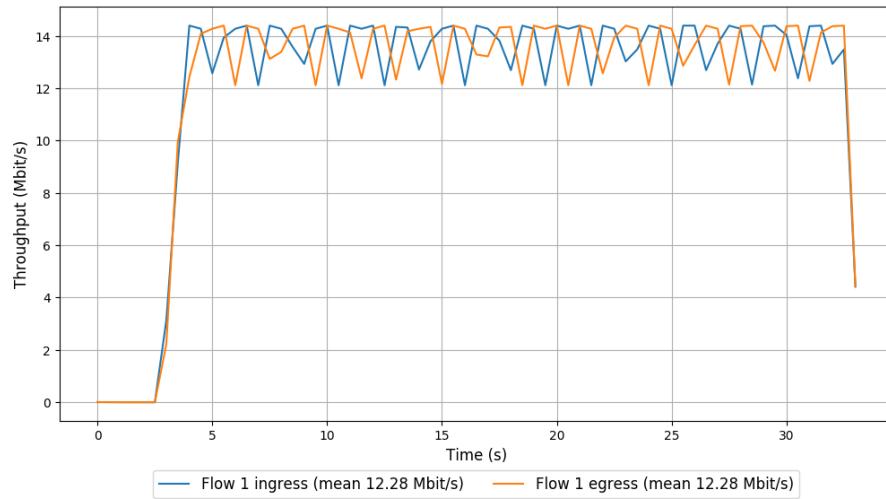


Run 10: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 22:07:29 +0000
End at: Thu, 29 Jun 2017 22:07:59 +0000
Local clock offset: -0.039 ms
Remote clock offset: -3.903 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 51.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 51.215 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

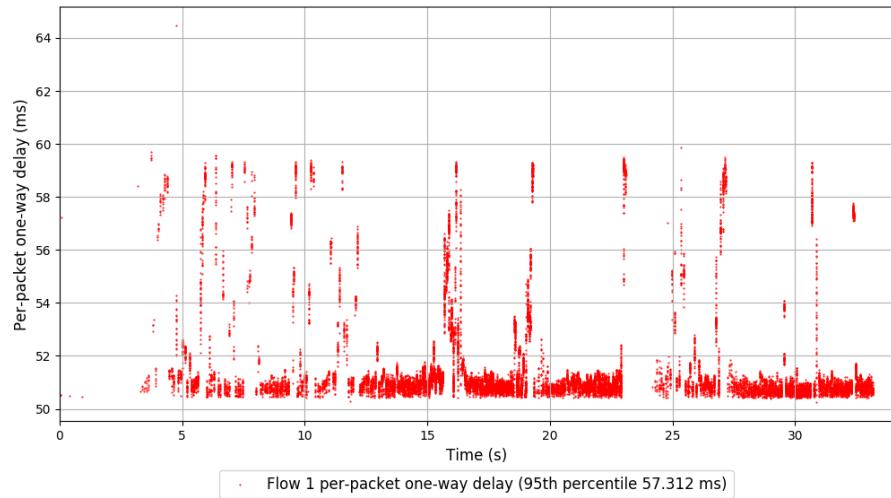
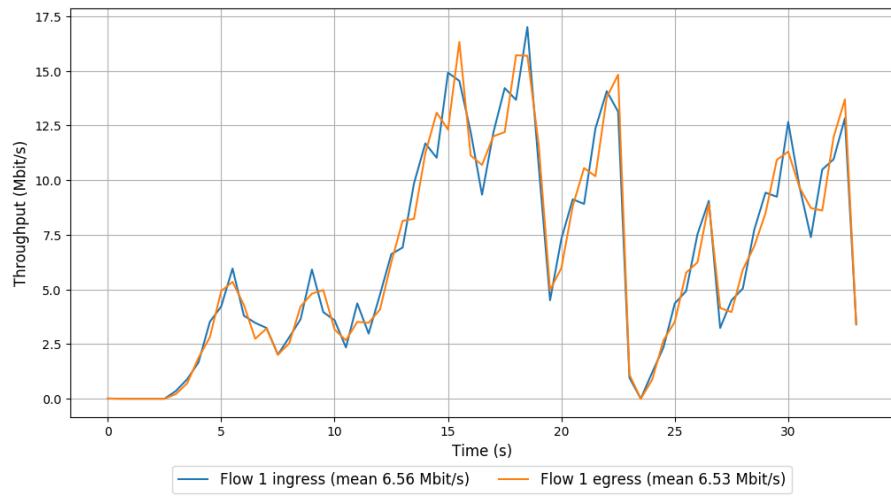


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 29 Jun 2017 19:08:02 +0000
End at: Thu, 29 Jun 2017 19:08:32 +0000
Local clock offset: 0.428 ms
Remote clock offset: -3.507 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 57.312 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 57.312 ms
Loss rate: 0.57%
```

Run 1: Report of LEDBAT — Data Link

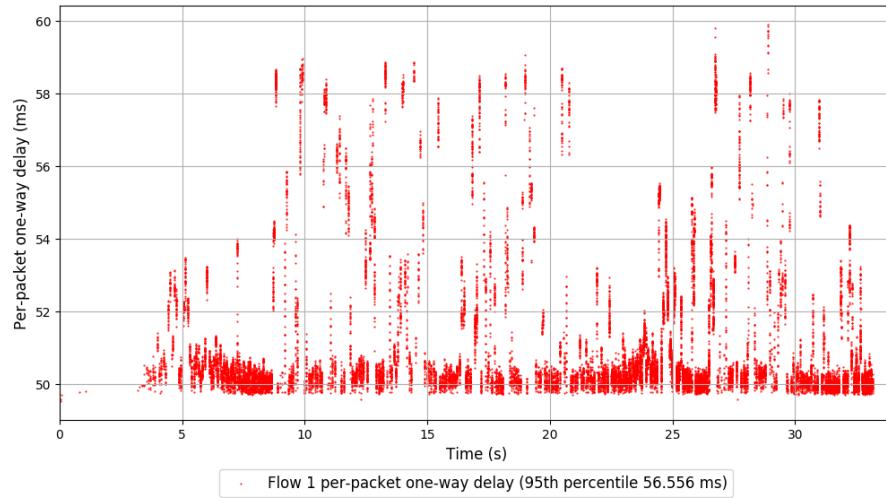
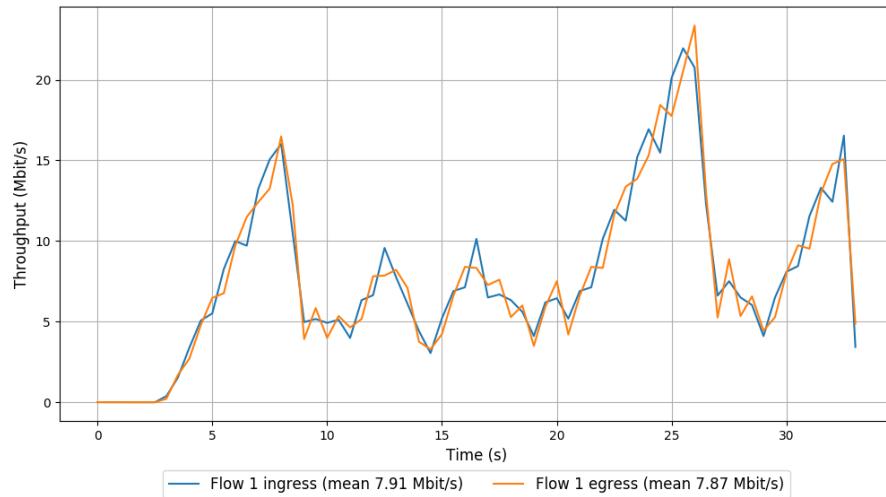


Run 2: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:27:42 +0000
End at: Thu, 29 Jun 2017 19:28:12 +0000
Local clock offset: 0.364 ms
Remote clock offset: -2.884 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.87 Mbit/s
95th percentile per-packet one-way delay: 56.556 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.87 Mbit/s
95th percentile per-packet one-way delay: 56.556 ms
Loss rate: 0.55%
```

Run 2: Report of LEDBAT — Data Link

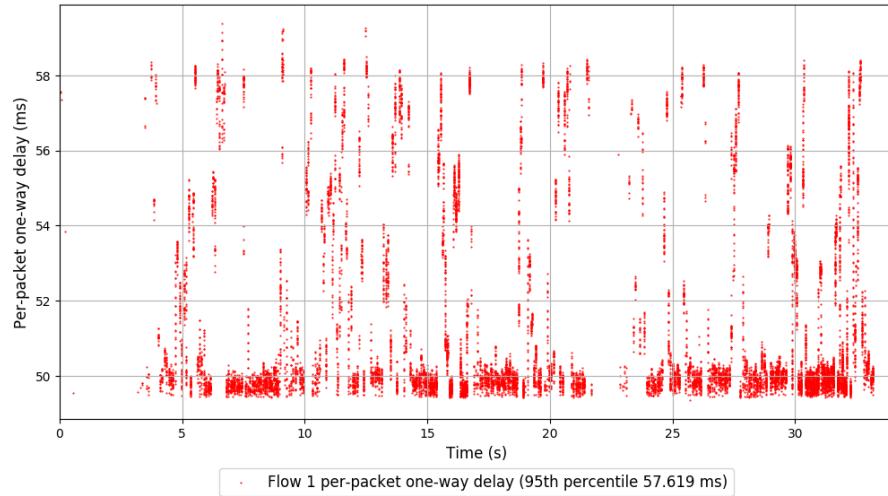
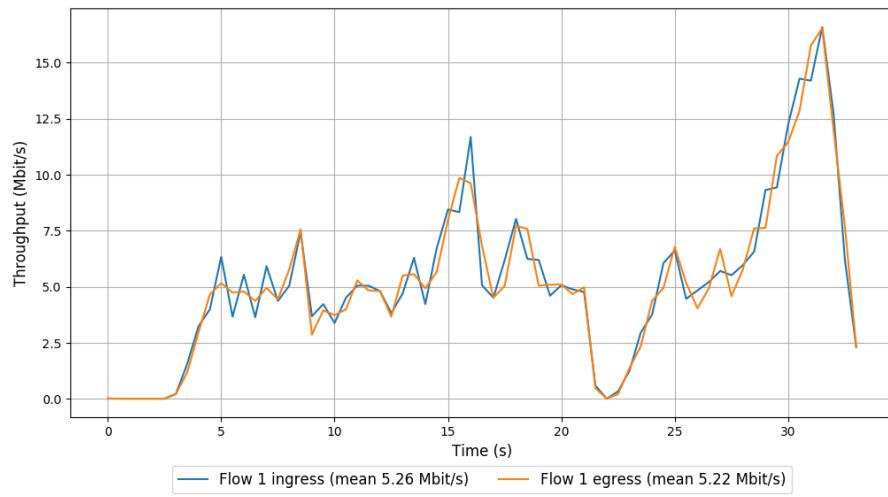


Run 3: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:47:15 +0000
End at: Thu, 29 Jun 2017 19:47:45 +0000
Local clock offset: 0.24 ms
Remote clock offset: -0.524 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 57.619 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 57.619 ms
Loss rate: 0.75%
```

Run 3: Report of LEDBAT — Data Link

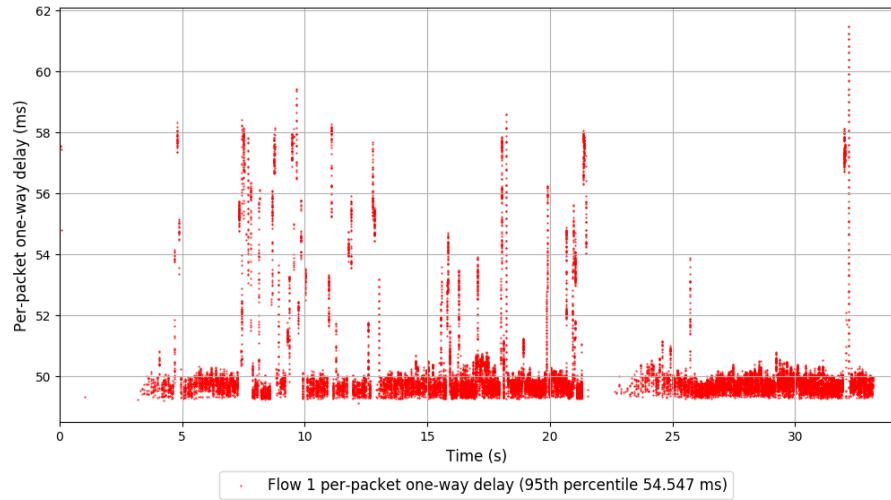
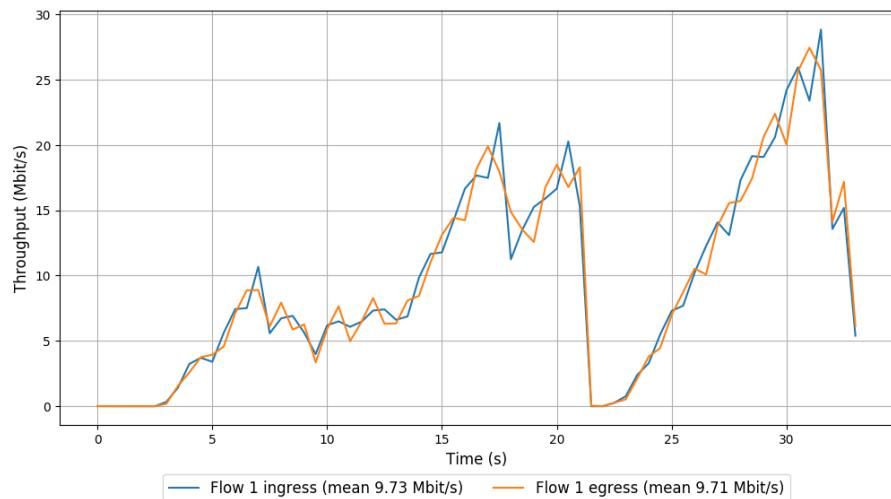


Run 4: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:06:48 +0000
End at: Thu, 29 Jun 2017 20:07:18 +0000
Local clock offset: 0.128 ms
Remote clock offset: 0.072 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.71 Mbit/s
95th percentile per-packet one-way delay: 54.547 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 9.71 Mbit/s
95th percentile per-packet one-way delay: 54.547 ms
Loss rate: 0.21%
```

Run 4: Report of LEDBAT — Data Link

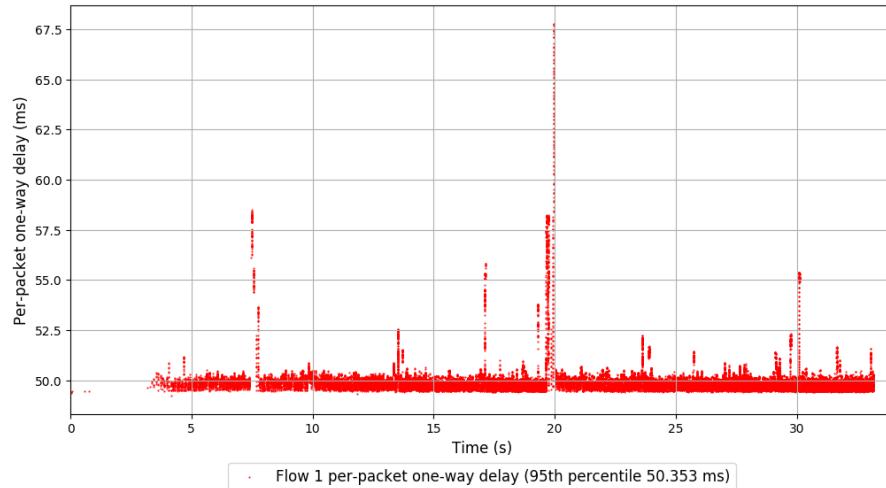
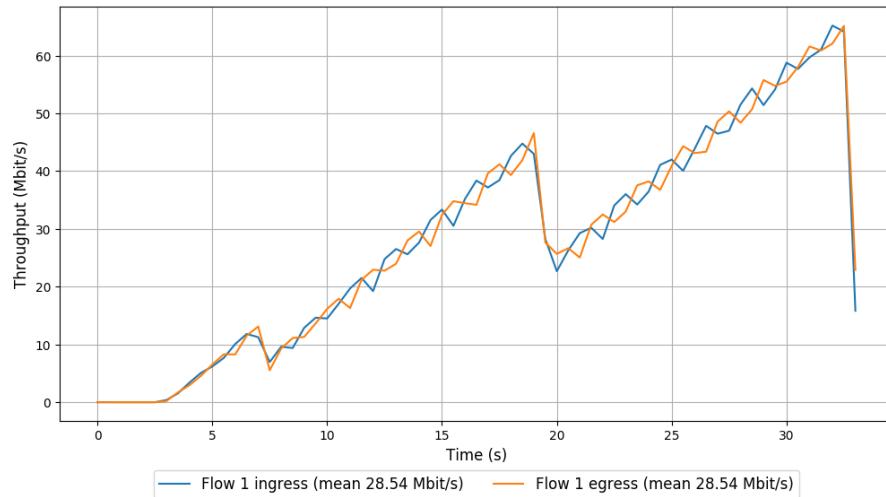


Run 5: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:26:30 +0000
End at: Thu, 29 Jun 2017 20:27:00 +0000
Local clock offset: 0.272 ms
Remote clock offset: -2.596 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.54 Mbit/s
95th percentile per-packet one-way delay: 50.353 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 28.54 Mbit/s
95th percentile per-packet one-way delay: 50.353 ms
Loss rate: 0.02%
```

Run 5: Report of LEDBAT — Data Link

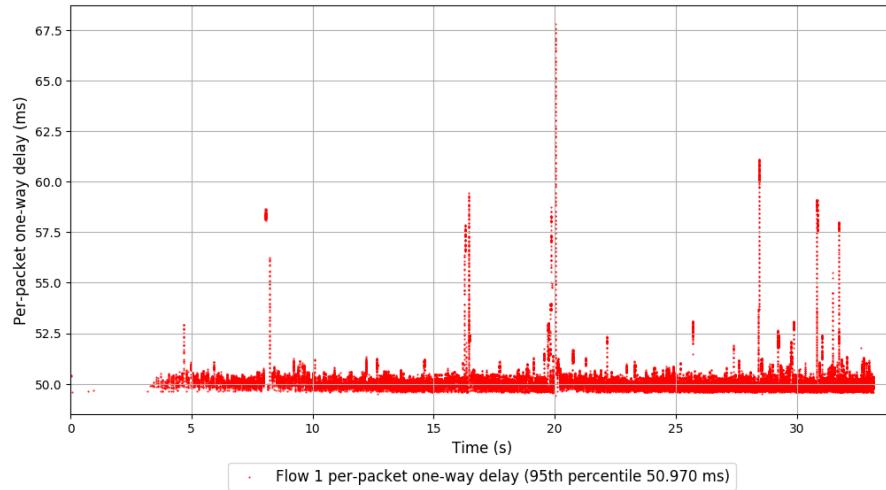
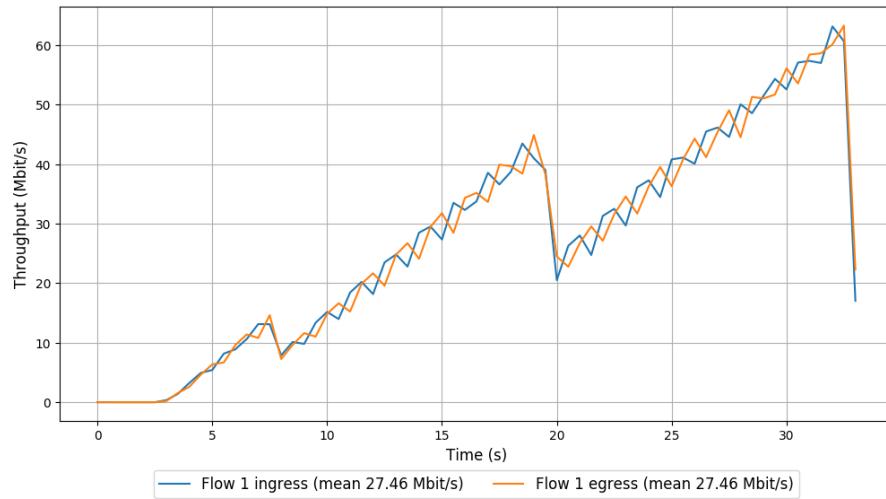


Run 6: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:46:09 +0000
End at: Thu, 29 Jun 2017 20:46:39 +0000
Local clock offset: 0.266 ms
Remote clock offset: -1.234 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.46 Mbit/s
95th percentile per-packet one-way delay: 50.970 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 27.46 Mbit/s
95th percentile per-packet one-way delay: 50.970 ms
Loss rate: 0.01%
```

Run 6: Report of LEDBAT — Data Link

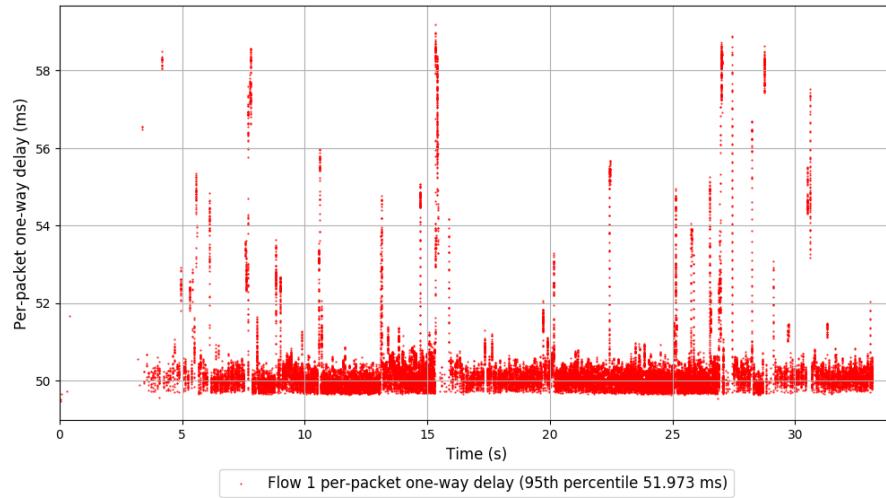
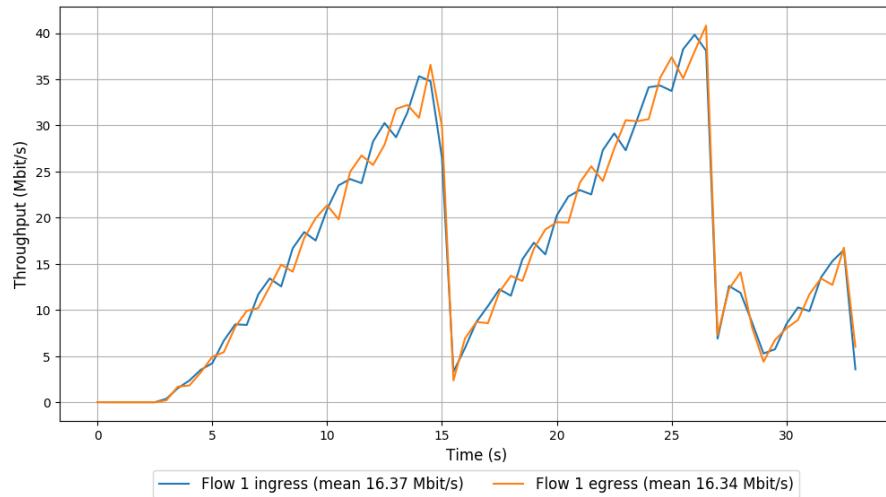


Run 7: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:05:50 +0000
End at: Thu, 29 Jun 2017 21:06:20 +0000
Local clock offset: 0.055 ms
Remote clock offset: -0.924 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 51.973 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 51.973 ms
Loss rate: 0.17%
```

Run 7: Report of LEDBAT — Data Link

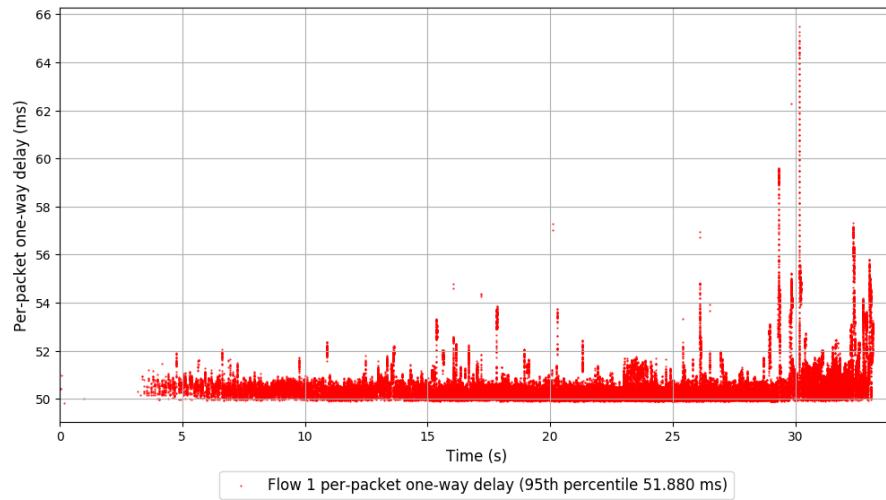
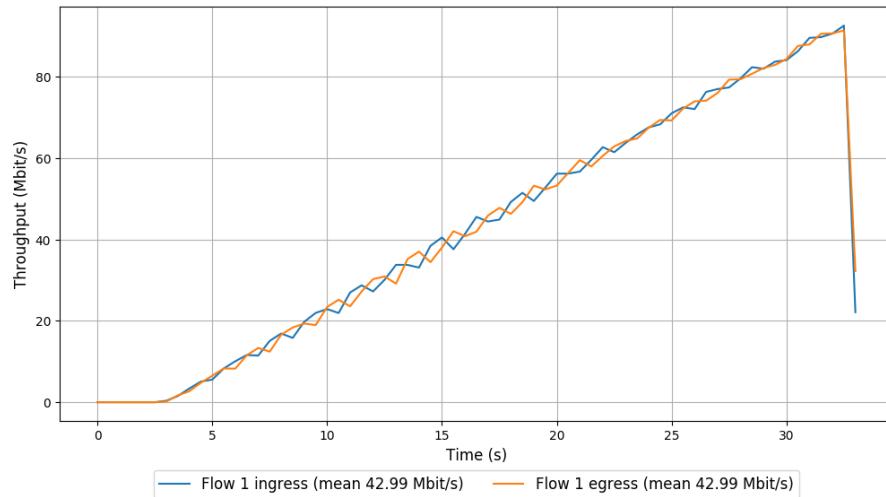


Run 8: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:25:33 +0000
End at: Thu, 29 Jun 2017 21:26:03 +0000
Local clock offset: 0.175 ms
Remote clock offset: -3.356 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.99 Mbit/s
95th percentile per-packet one-way delay: 51.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.99 Mbit/s
95th percentile per-packet one-way delay: 51.880 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

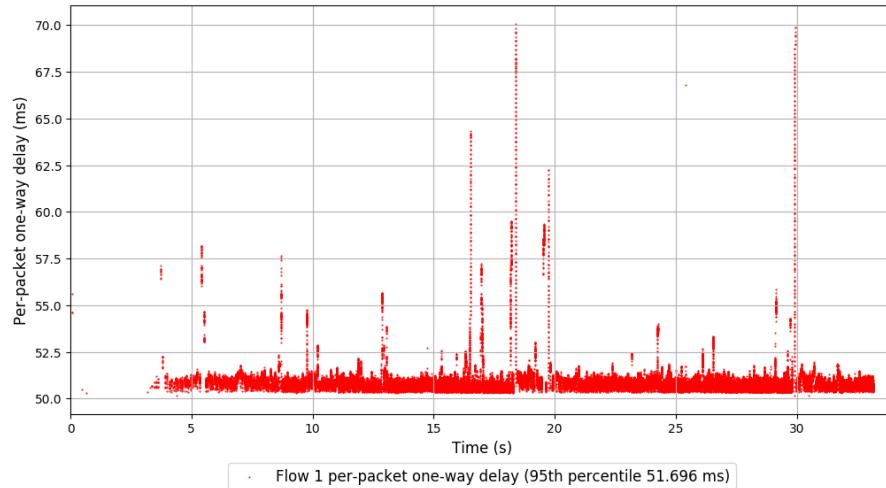
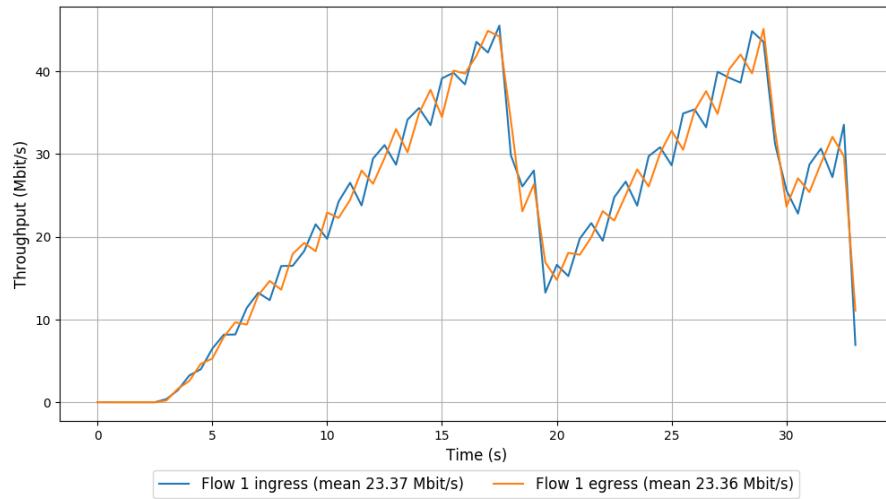


Run 9: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:45:16 +0000
End at: Thu, 29 Jun 2017 21:45:46 +0000
Local clock offset: 0.082 ms
Remote clock offset: -4.144 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 51.696 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 51.696 ms
Loss rate: 0.05%
```

Run 9: Report of LEDBAT — Data Link

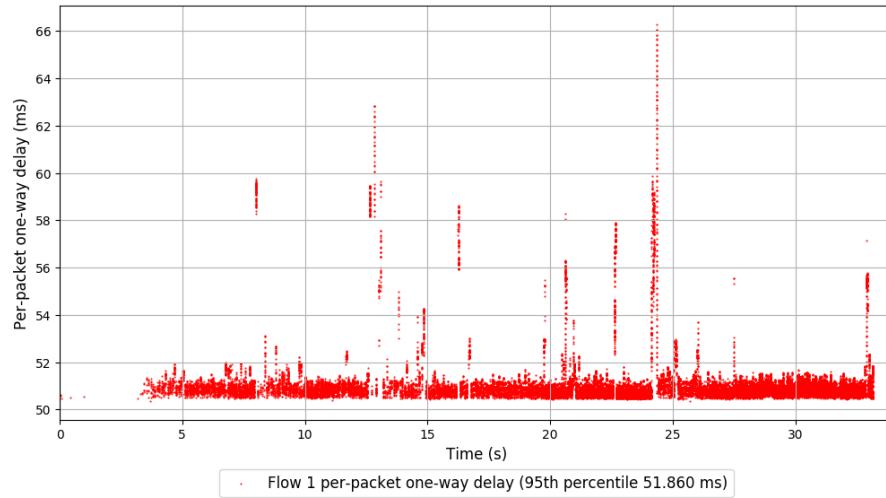
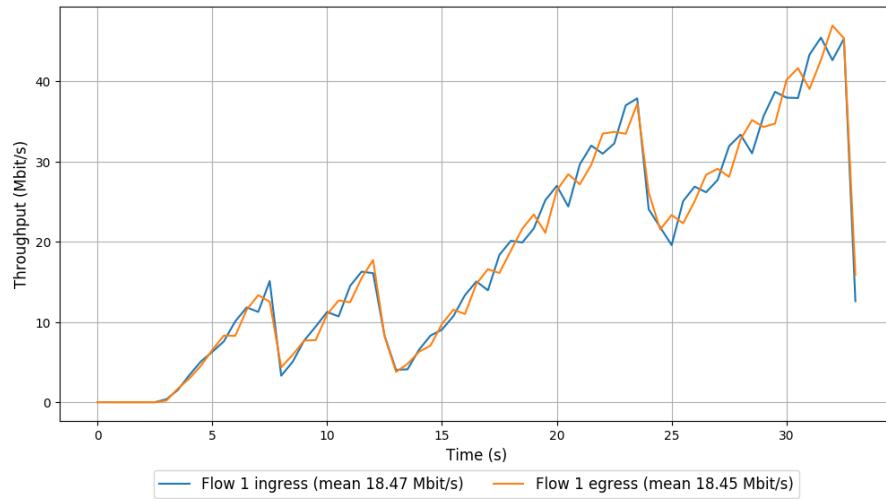


Run 10: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 22:04:56 +0000
End at: Thu, 29 Jun 2017 22:05:26 +0000
Local clock offset: -0.037 ms
Remote clock offset: -3.944 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 51.860 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 51.860 ms
Loss rate: 0.14%
```

Run 10: Report of LEDBAT — Data Link

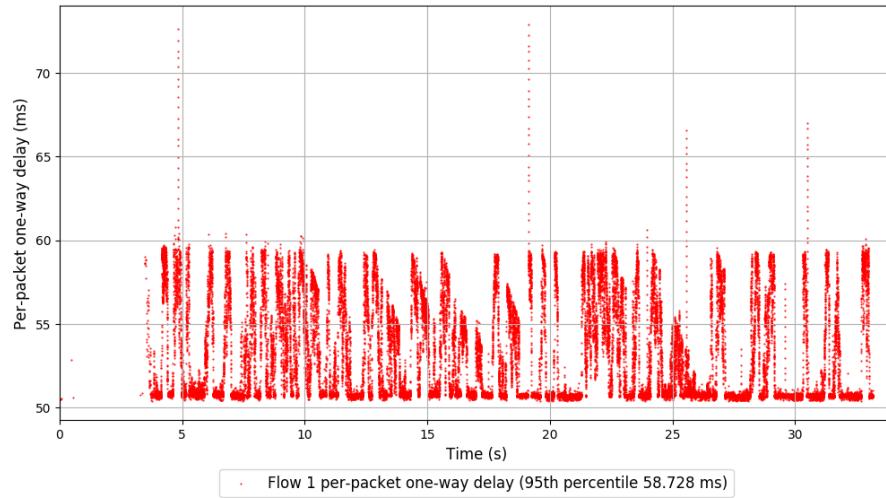
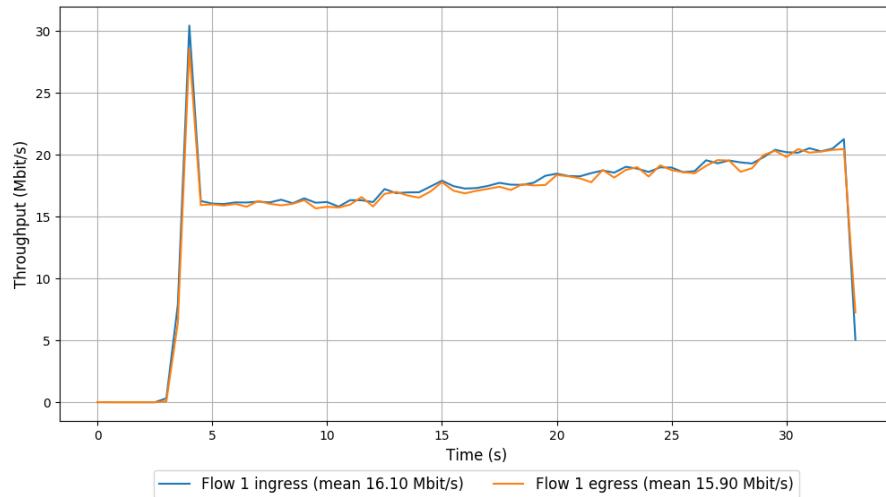


Run 1: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:00:12 +0000
End at: Thu, 29 Jun 2017 19:00:42 +0000
Local clock offset: 0.418 ms
Remote clock offset: -1.955 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 58.728 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 58.728 ms
Loss rate: 1.27%
```

Run 1: Report of PCC — Data Link

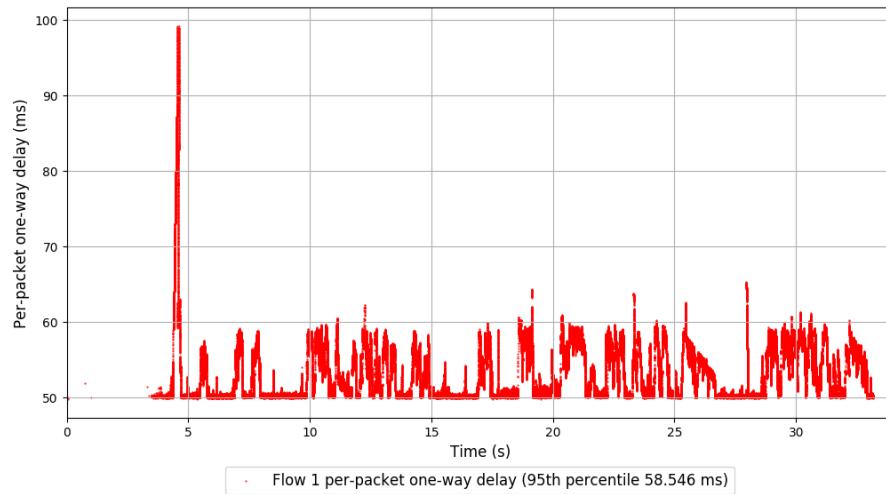
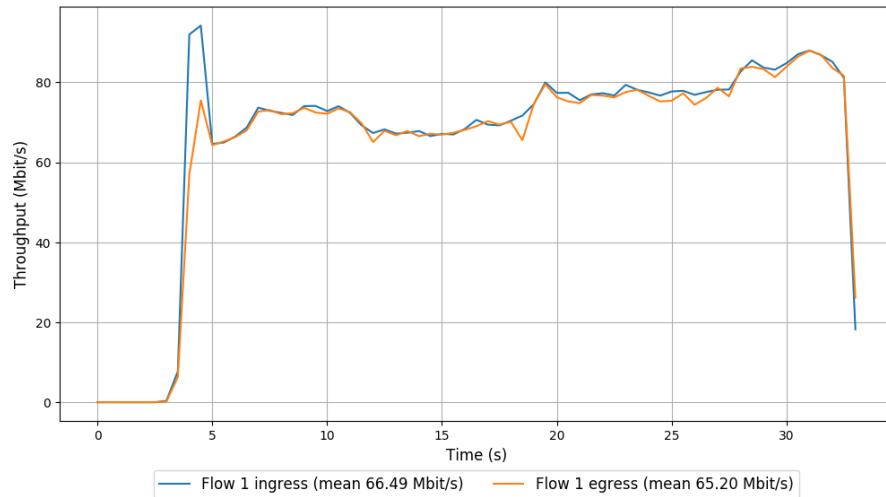


Run 2: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:19:45 +0000
End at: Thu, 29 Jun 2017 19:20:15 +0000
Local clock offset: 0.333 ms
Remote clock offset: -3.537 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 58.546 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 58.546 ms
Loss rate: 1.94%
```

Run 2: Report of PCC — Data Link

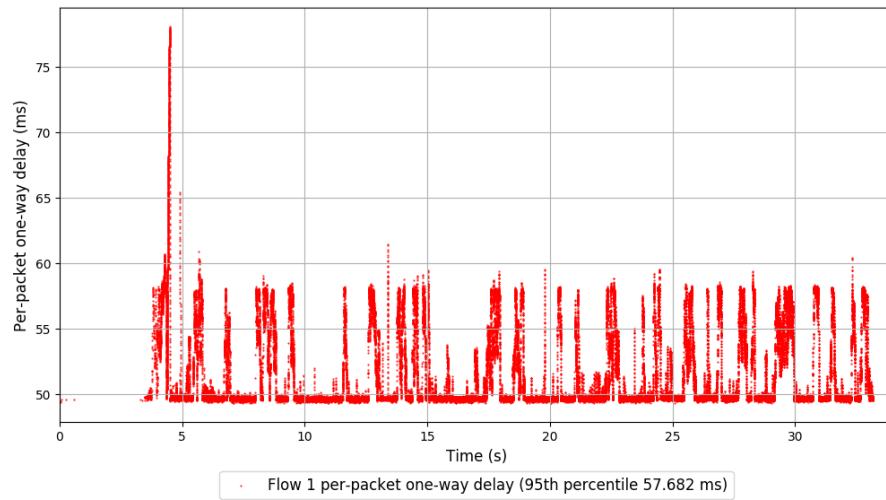
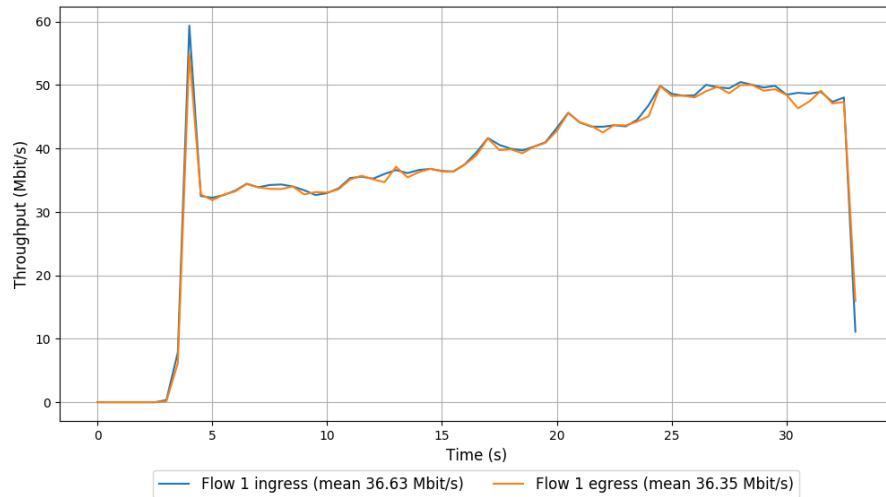


Run 3: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:39:23 +0000
End at: Thu, 29 Jun 2017 19:39:53 +0000
Local clock offset: 0.353 ms
Remote clock offset: -0.678 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 57.682 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 57.682 ms
Loss rate: 0.78%
```

Run 3: Report of PCC — Data Link

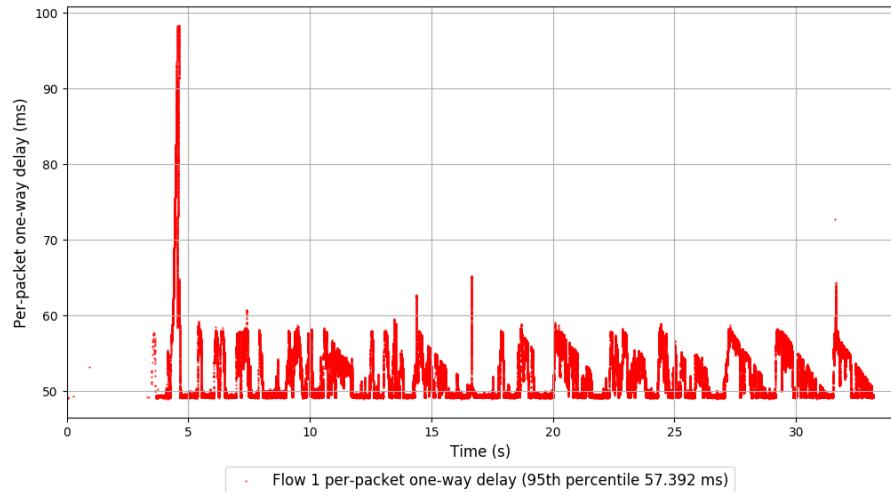
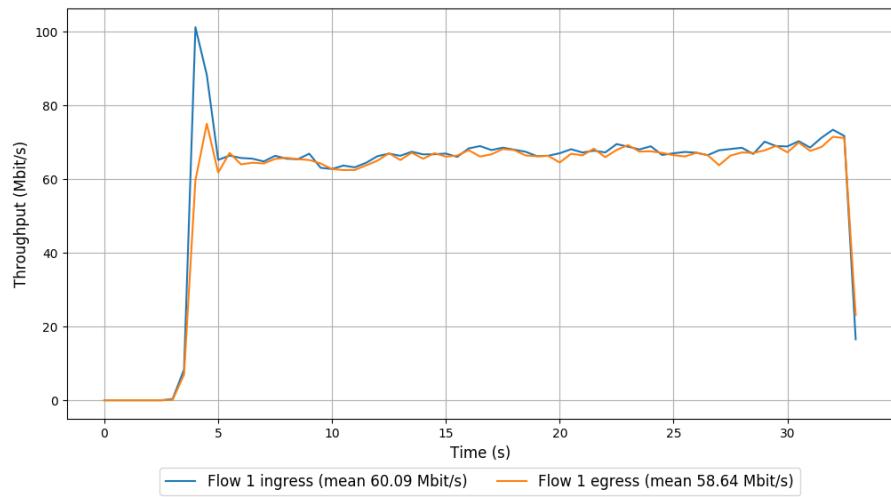


Run 4: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:58:55 +0000
End at: Thu, 29 Jun 2017 19:59:25 +0000
Local clock offset: 0.161 ms
Remote clock offset: -2.389 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:06:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 57.392 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 57.392 ms
Loss rate: 2.42%
```

Run 4: Report of PCC — Data Link

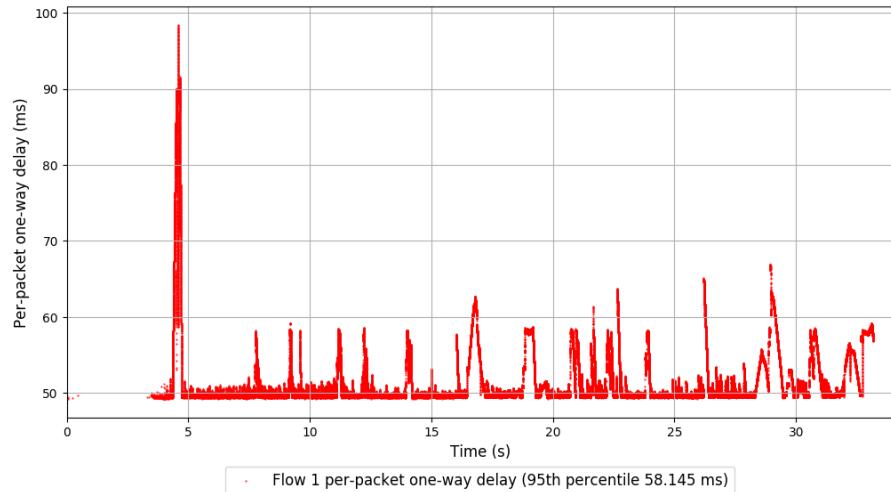
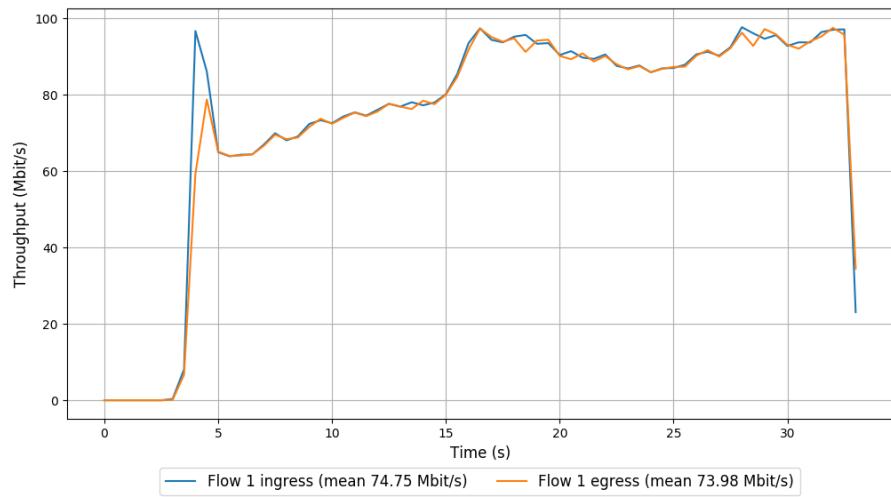


Run 5: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:18:31 +0000
End at: Thu, 29 Jun 2017 20:19:01 +0000
Local clock offset: 0.292 ms
Remote clock offset: -2.962 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 58.145 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 58.145 ms
Loss rate: 1.04%
```

Run 5: Report of PCC — Data Link

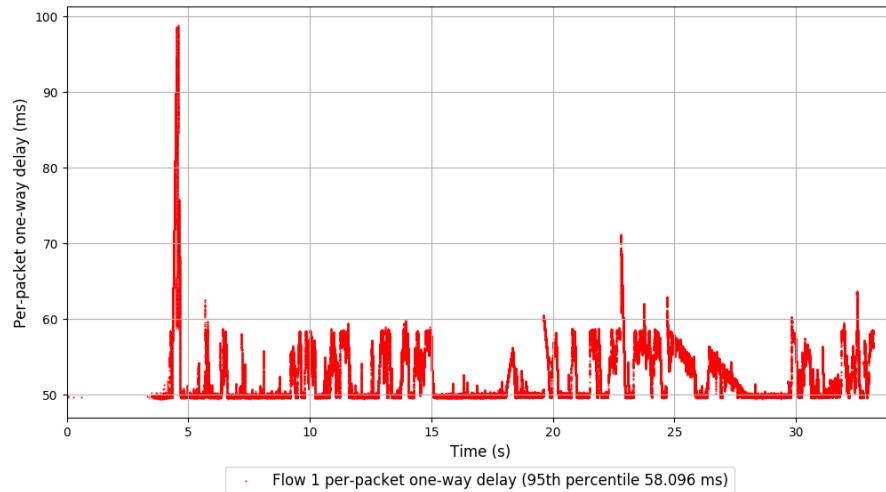
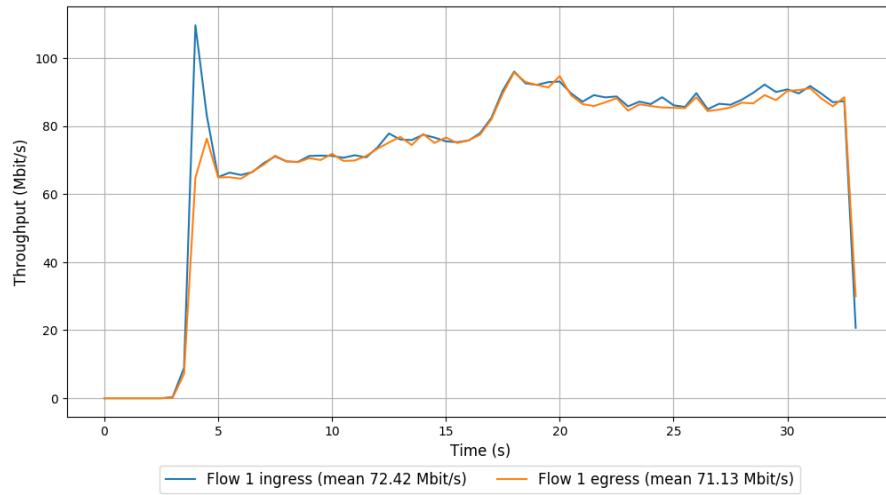


Run 6: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:38:13 +0000
End at: Thu, 29 Jun 2017 20:38:43 +0000
Local clock offset: 0.224 ms
Remote clock offset: -2.748 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.13 Mbit/s
95th percentile per-packet one-way delay: 58.096 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 71.13 Mbit/s
95th percentile per-packet one-way delay: 58.096 ms
Loss rate: 1.77%
```

Run 6: Report of PCC — Data Link

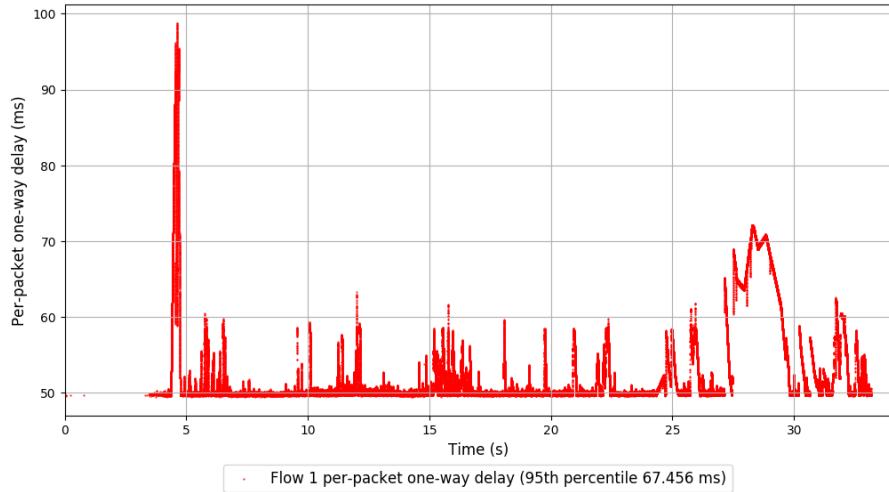
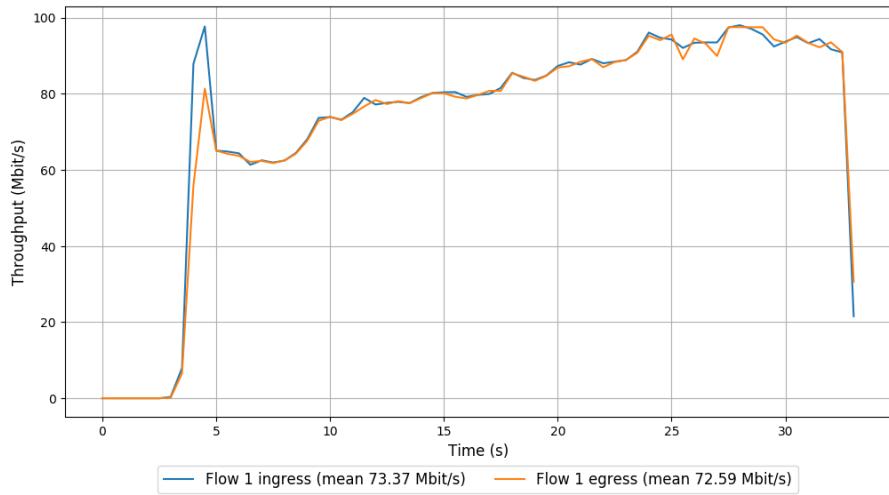


Run 7: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:57:53 +0000
End at: Thu, 29 Jun 2017 20:58:23 +0000
Local clock offset: 0.202 ms
Remote clock offset: -2.901 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.59 Mbit/s
95th percentile per-packet one-way delay: 67.456 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 72.59 Mbit/s
95th percentile per-packet one-way delay: 67.456 ms
Loss rate: 1.06%
```

Run 7: Report of PCC — Data Link

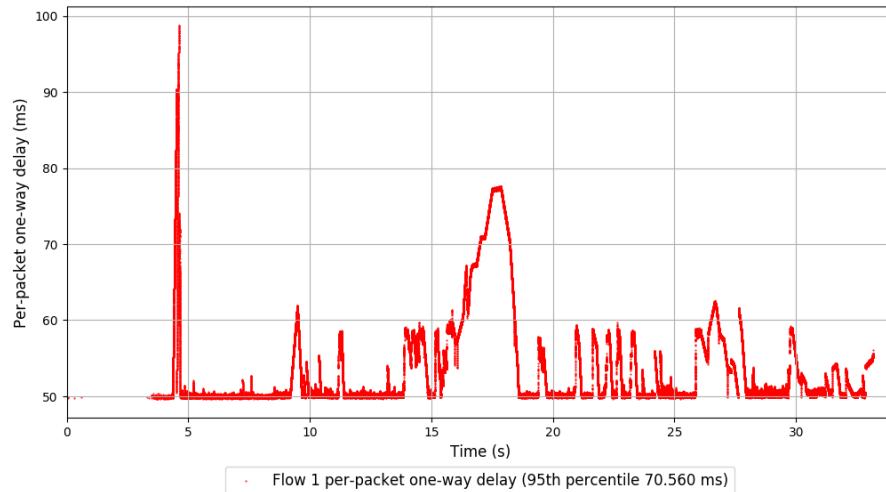
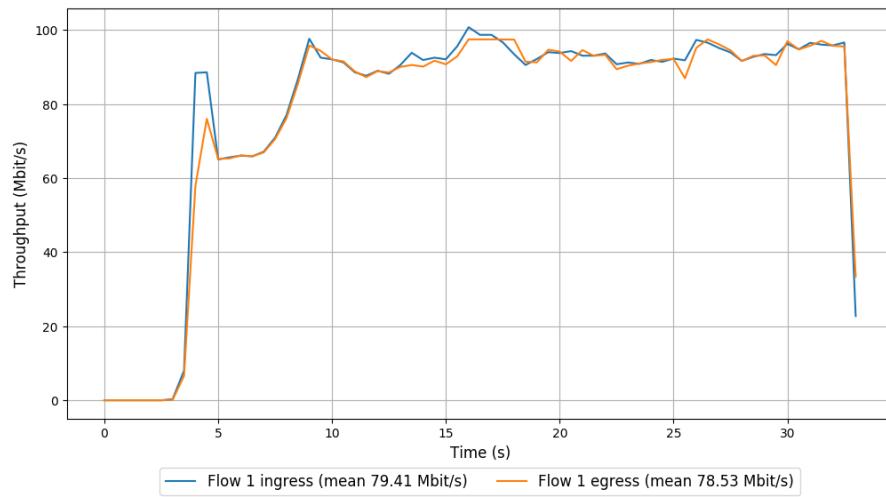


Run 8: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:17:35 +0000
End at: Thu, 29 Jun 2017 21:18:05 +0000
Local clock offset: 0.061 ms
Remote clock offset: -0.683 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.53 Mbit/s
95th percentile per-packet one-way delay: 70.560 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 78.53 Mbit/s
95th percentile per-packet one-way delay: 70.560 ms
Loss rate: 1.11%
```

Run 8: Report of PCC — Data Link

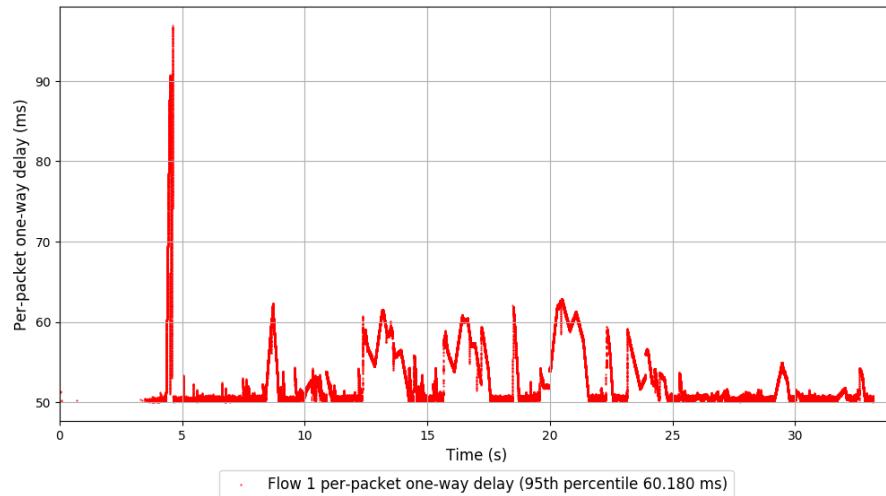
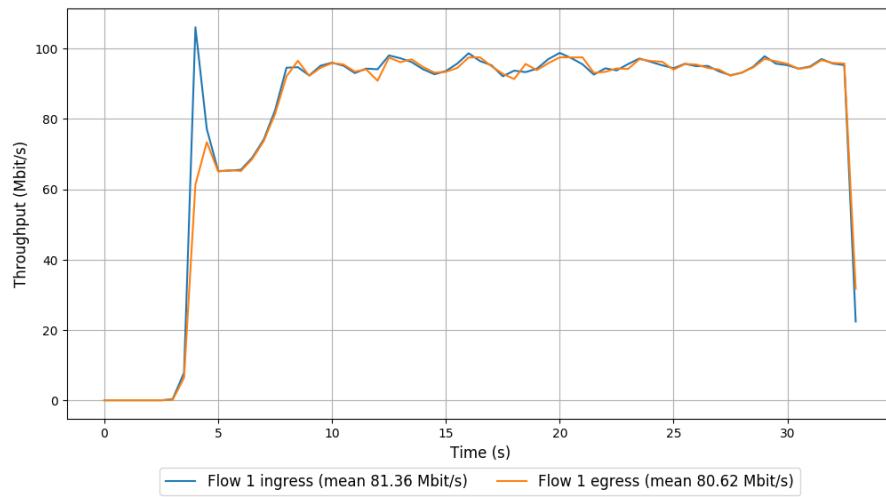


Run 9: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:37:19 +0000
End at: Thu, 29 Jun 2017 21:37:49 +0000
Local clock offset: 0.042 ms
Remote clock offset: -1.497 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 60.180 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 60.180 ms
Loss rate: 0.91%
```

Run 9: Report of PCC — Data Link

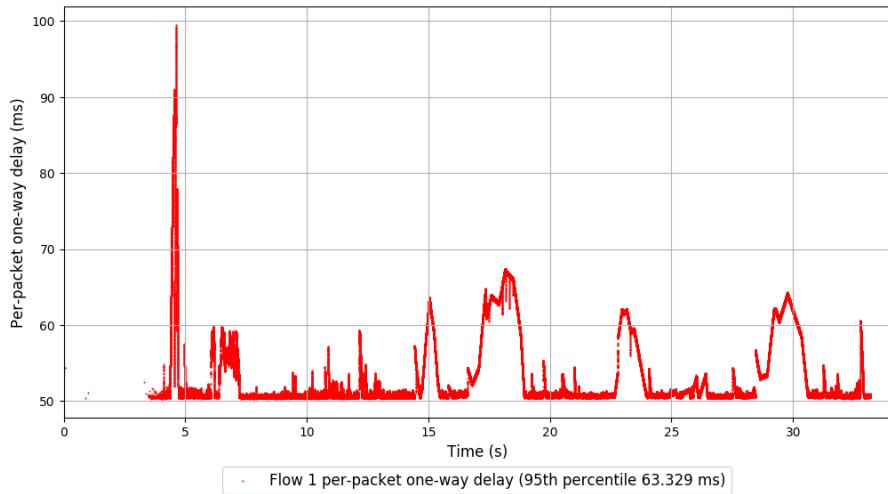
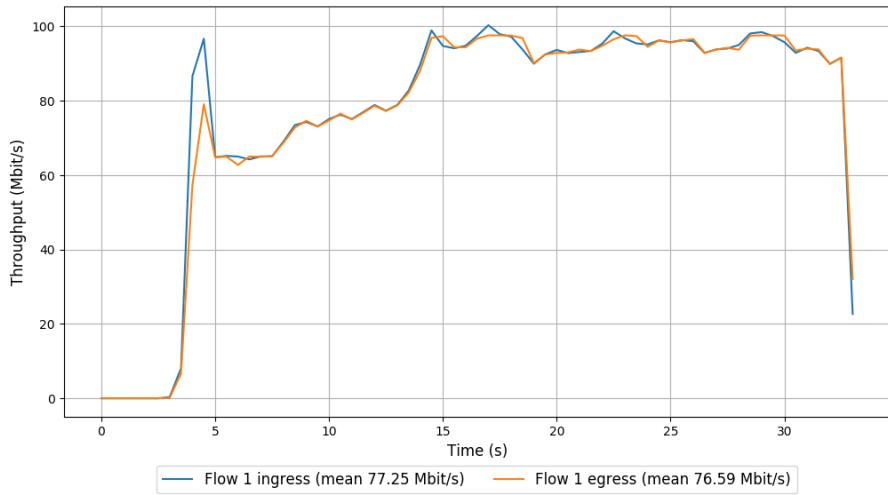


Run 10: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:57:00 +0000
End at: Thu, 29 Jun 2017 21:57:30 +0000
Local clock offset: 0.061 ms
Remote clock offset: -1.321 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 63.329 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 63.329 ms
Loss rate: 0.87%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Thu, 29 Jun 2017 19:02:47 +0000
```

```
End at: Thu, 29 Jun 2017 19:03:17 +0000
```

```
Local clock offset: 0.524 ms
```

```
Remote clock offset: -1.442 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 14.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 57.227 ms
```

```
Loss rate: 0.48%
```

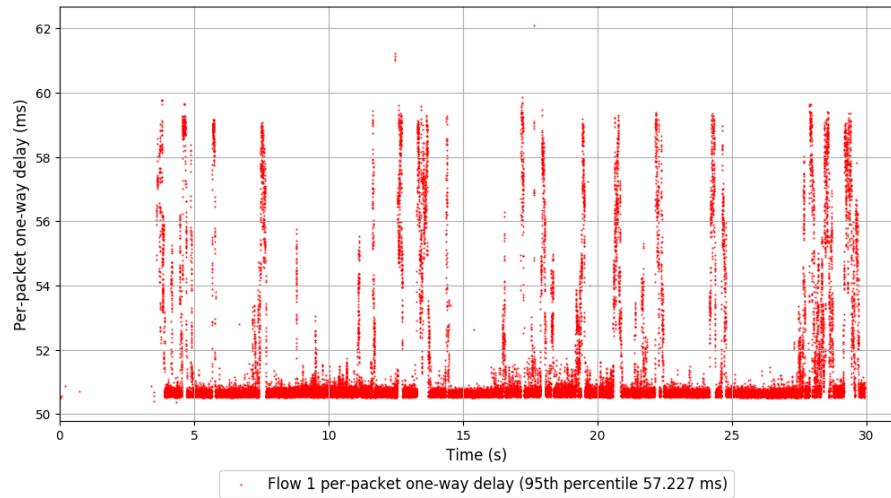
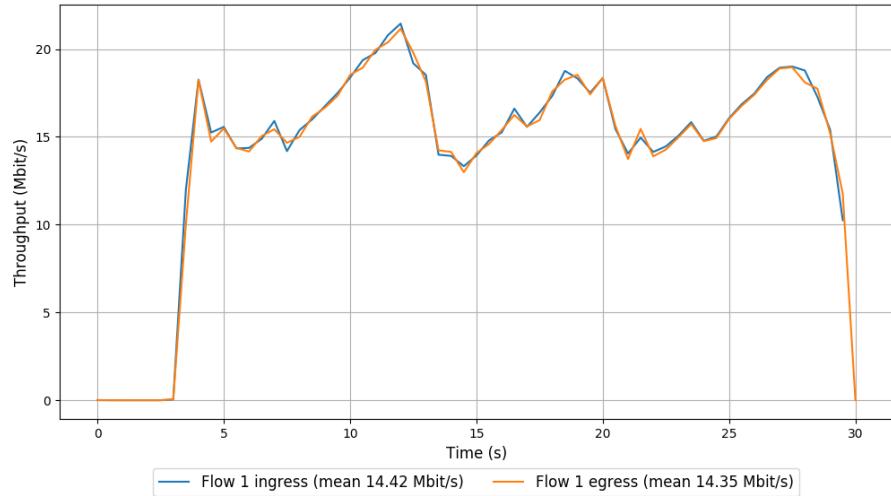
```
-- Flow 1:
```

```
Average throughput: 14.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 57.227 ms
```

```
Loss rate: 0.48%
```

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

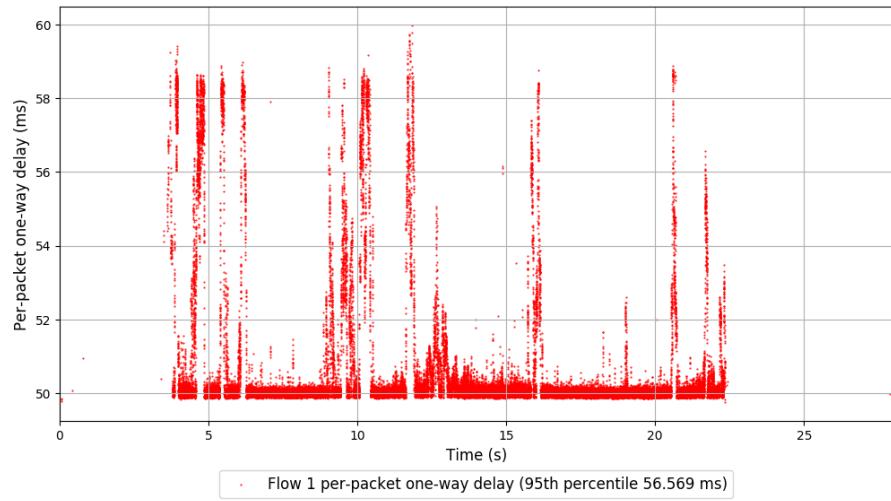
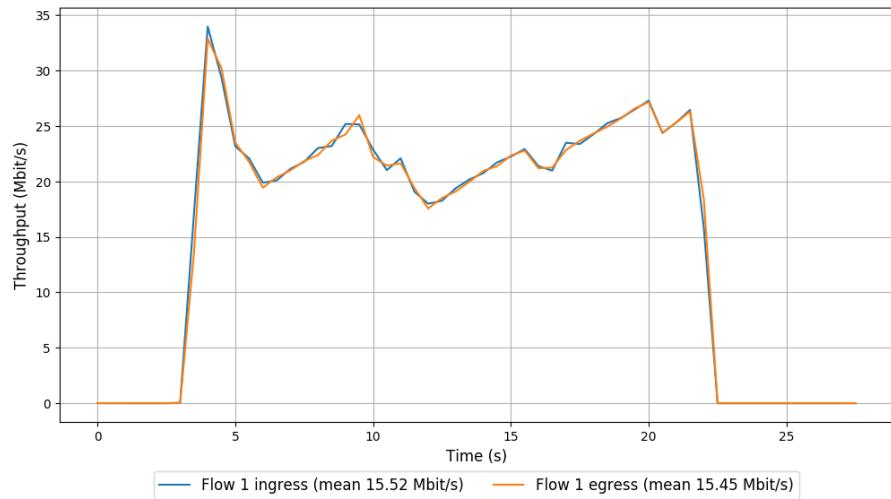


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:22:24 +0000
End at: Thu, 29 Jun 2017 19:22:54 +0000
Local clock offset: 0.339 ms
Remote clock offset: -0.753 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 56.569 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 56.569 ms
Loss rate: 0.43%
```

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

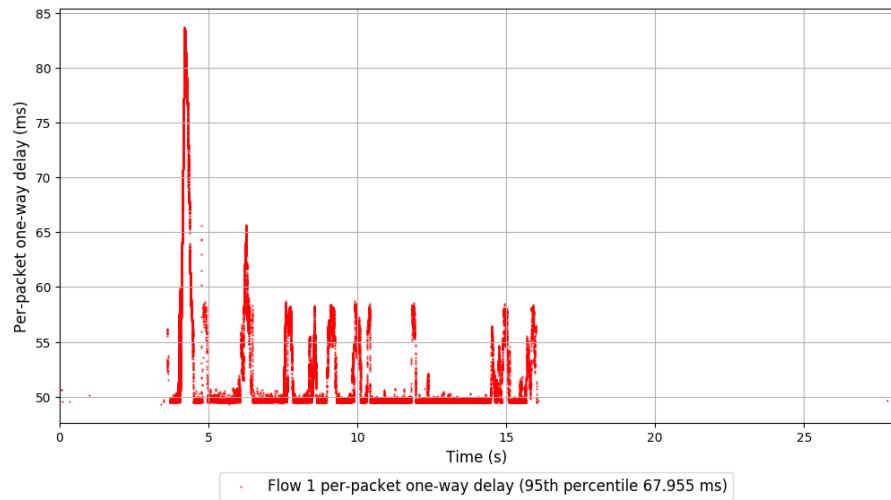
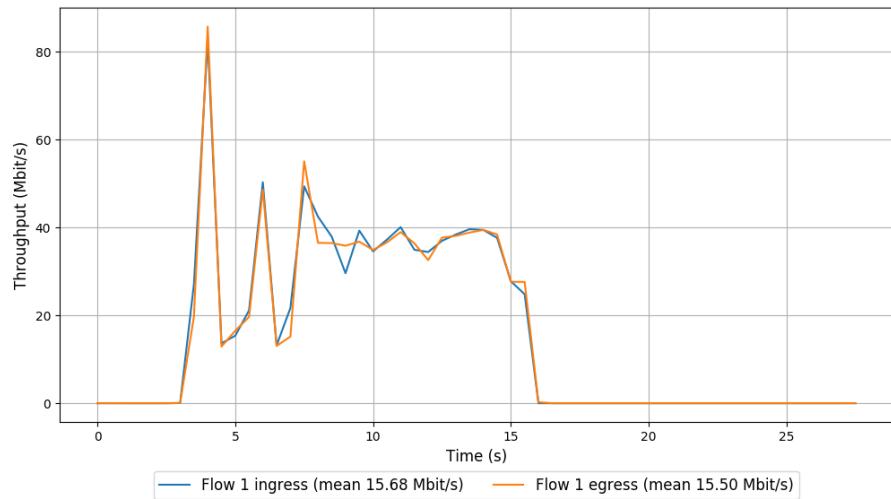


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:41:58 +0000
End at: Thu, 29 Jun 2017 19:42:28 +0000
Local clock offset: 0.353 ms
Remote clock offset: -0.581 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 67.955 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 67.955 ms
Loss rate: 1.18%
```

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

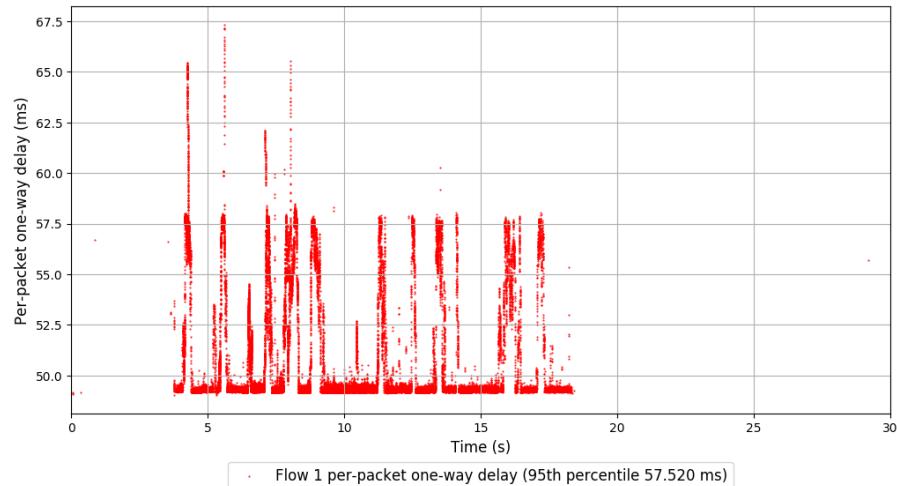
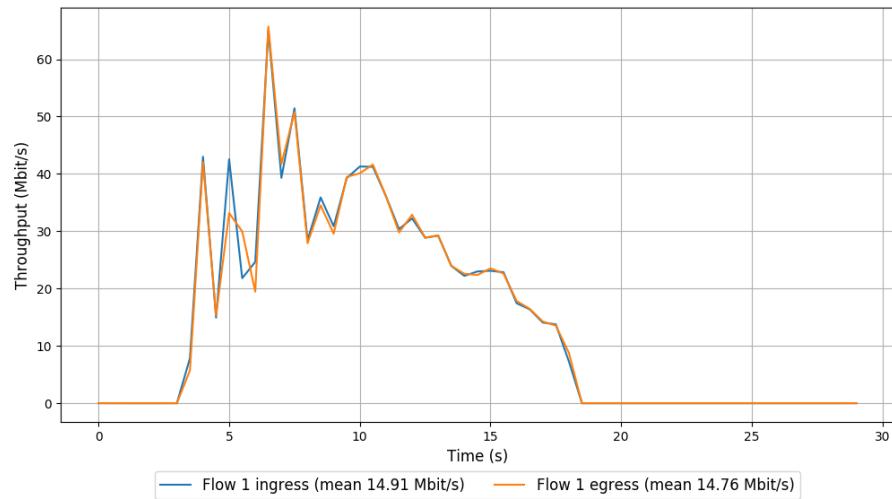


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:01:34 +0000
End at: Thu, 29 Jun 2017 20:02:04 +0000
Local clock offset: 0.17 ms
Remote clock offset: -0.279 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 57.520 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 57.520 ms
Loss rate: 0.99%
```

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

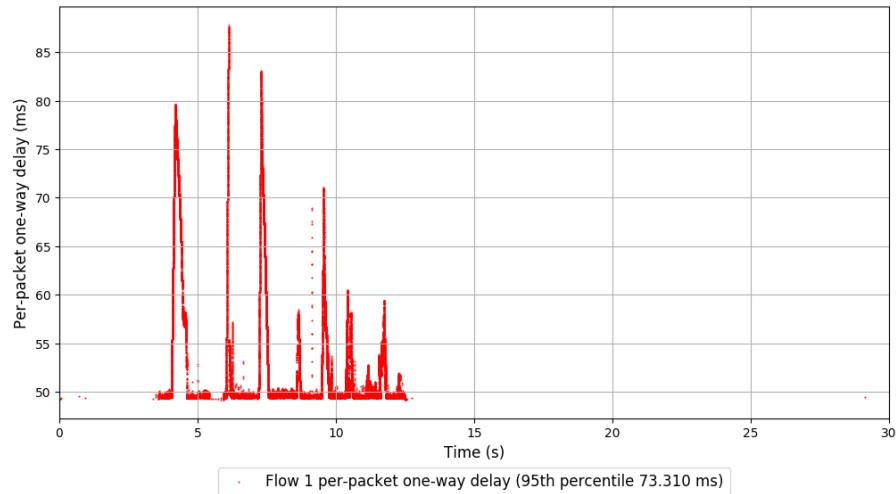
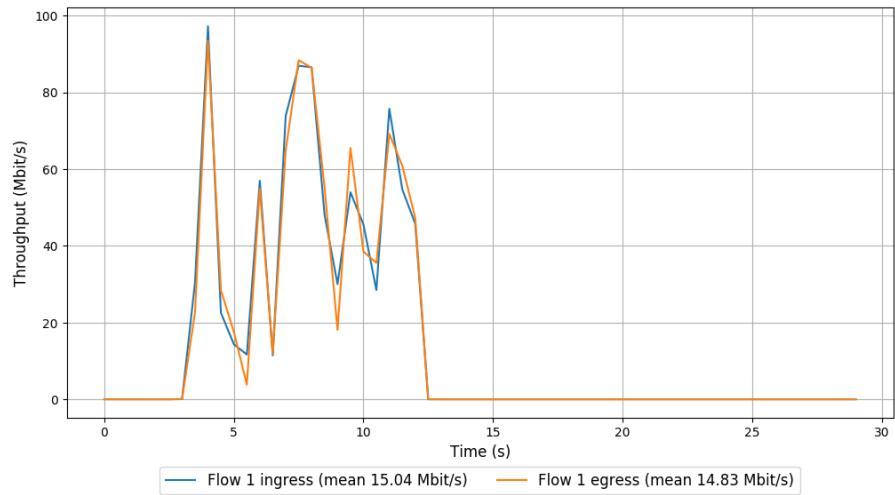


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:21:11 +0000
End at: Thu, 29 Jun 2017 20:21:42 +0000
Local clock offset: 0.273 ms
Remote clock offset: -3.038 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.83 Mbit/s
95th percentile per-packet one-way delay: 73.310 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 14.83 Mbit/s
95th percentile per-packet one-way delay: 73.310 ms
Loss rate: 1.36%
```

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

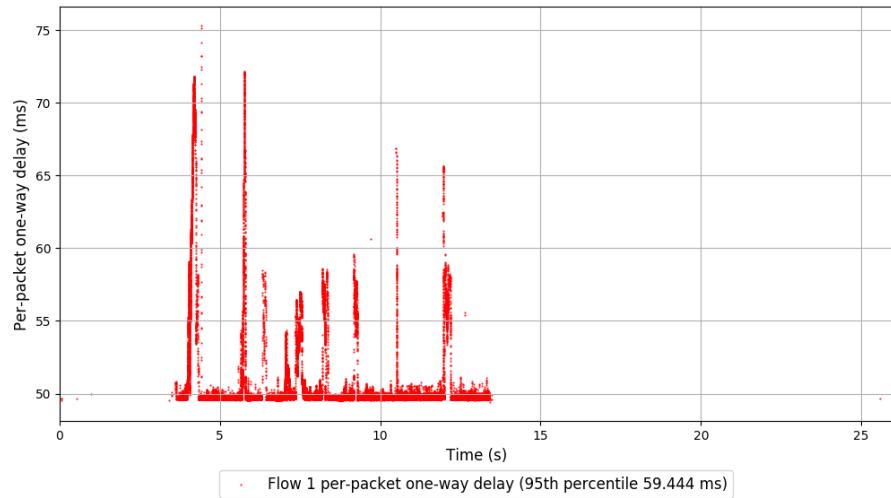
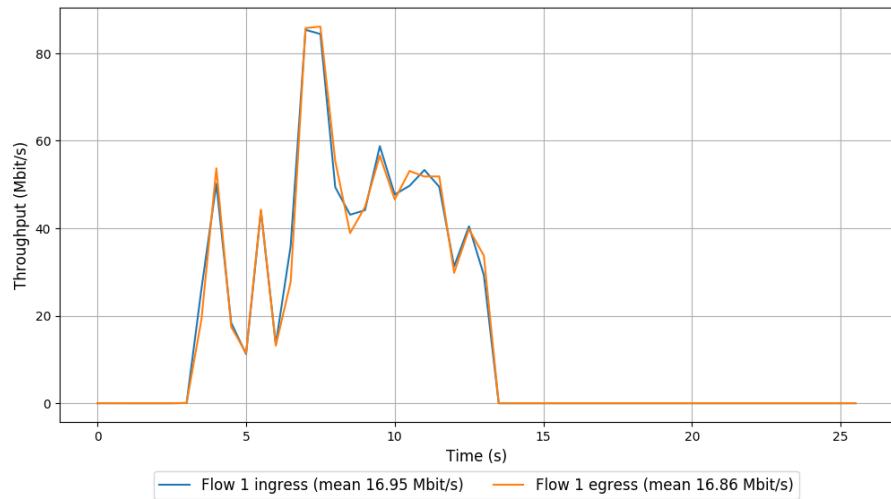


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:40:52 +0000
End at: Thu, 29 Jun 2017 20:41:22 +0000
Local clock offset: 0.202 ms
Remote clock offset: -2.804 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 59.444 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 59.444 ms
Loss rate: 0.52%
```

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

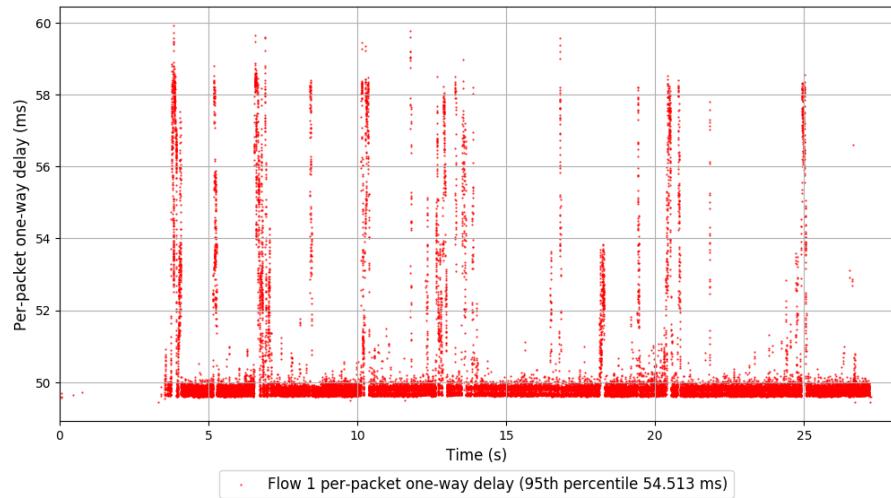
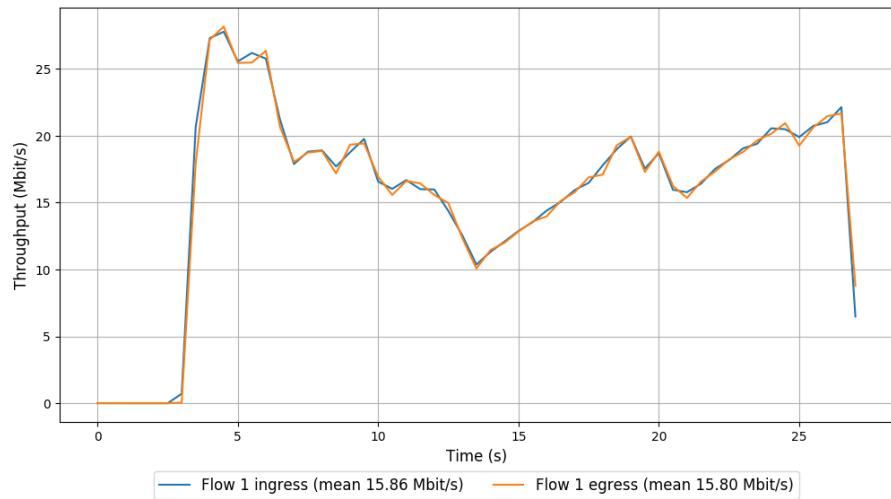


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:00:33 +0000
End at: Thu, 29 Jun 2017 21:01:03 +0000
Local clock offset: 0.096 ms
Remote clock offset: -0.395 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 54.513 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 54.513 ms
Loss rate: 0.40%
```

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

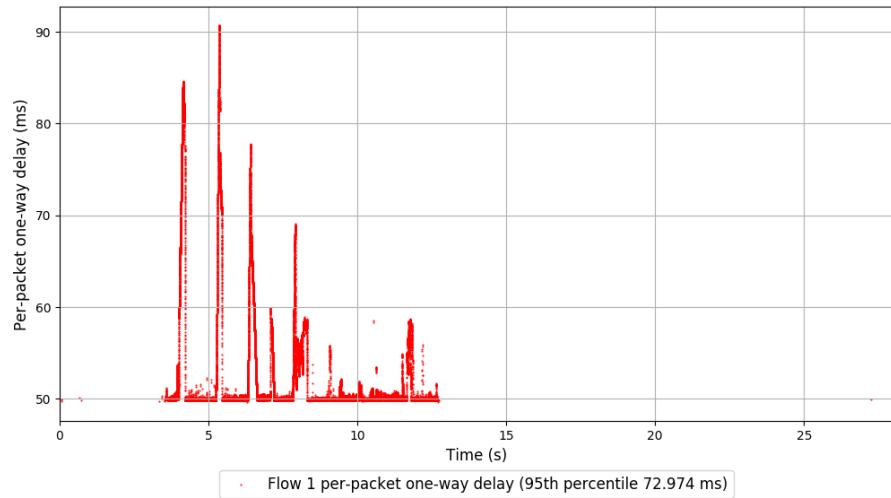
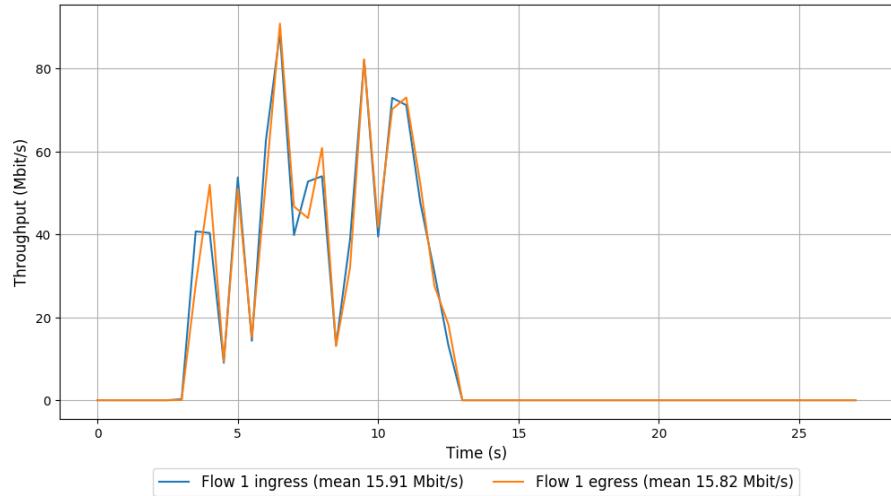


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:20:15 +0000
End at: Thu, 29 Jun 2017 21:20:45 +0000
Local clock offset: 0.079 ms
Remote clock offset: -3.299 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 72.974 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 72.974 ms
Loss rate: 0.58%
```

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

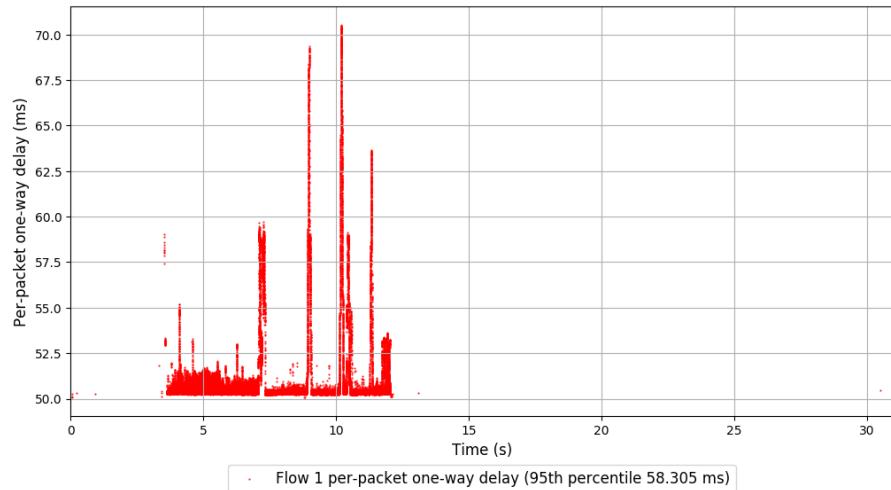
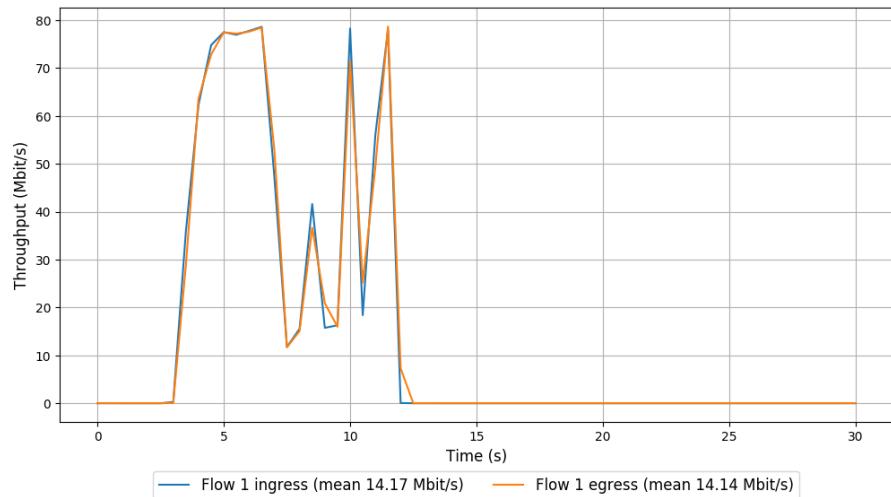


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:40:01 +0000
End at: Thu, 29 Jun 2017 21:40:31 +0000
Local clock offset: 0.109 ms
Remote clock offset: -1.499 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 58.305 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 58.305 ms
Loss rate: 0.23%
```

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



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

```
Start at: Thu, 29 Jun 2017 21:59:39 +0000
```

```
End at: Thu, 29 Jun 2017 22:00:09 +0000
```

```
Local clock offset: 0.069 ms
```

```
Remote clock offset: -1.872 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:44 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.333 ms
```

```
Loss rate: 0.60%
```

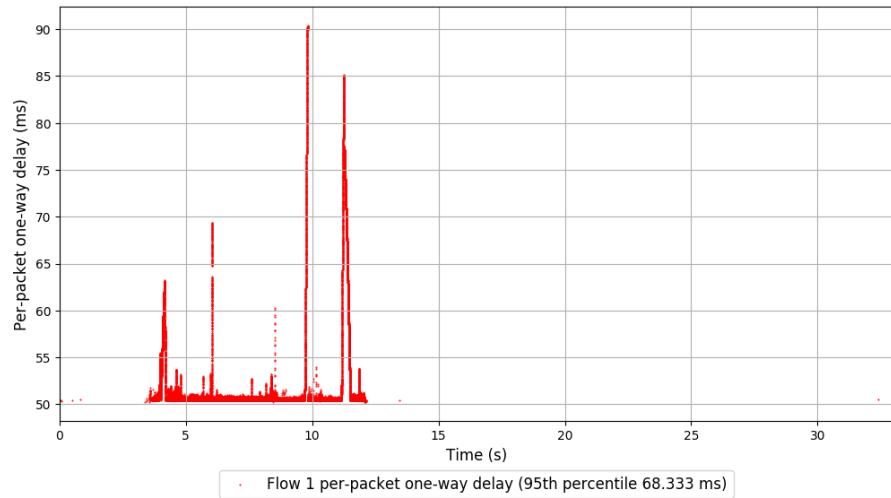
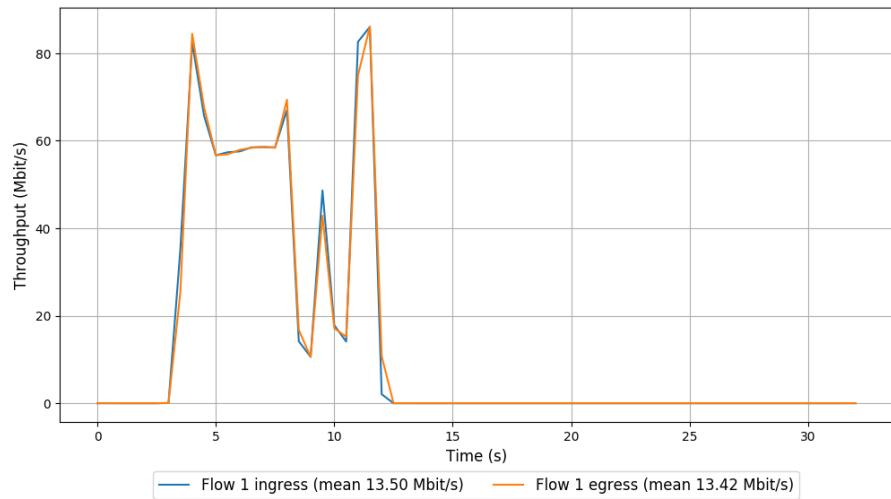
```
-- Flow 1:
```

```
Average throughput: 13.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.333 ms
```

```
Loss rate: 0.60%
```

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



Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 18:54:56 +0000

End at: Thu, 29 Jun 2017 18:55:26 +0000

Local clock offset: 0.436 ms

Remote clock offset: -3.99 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:07:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.85 Mbit/s

95th percentile per-packet one-way delay: 58.086 ms

Loss rate: 1.04%

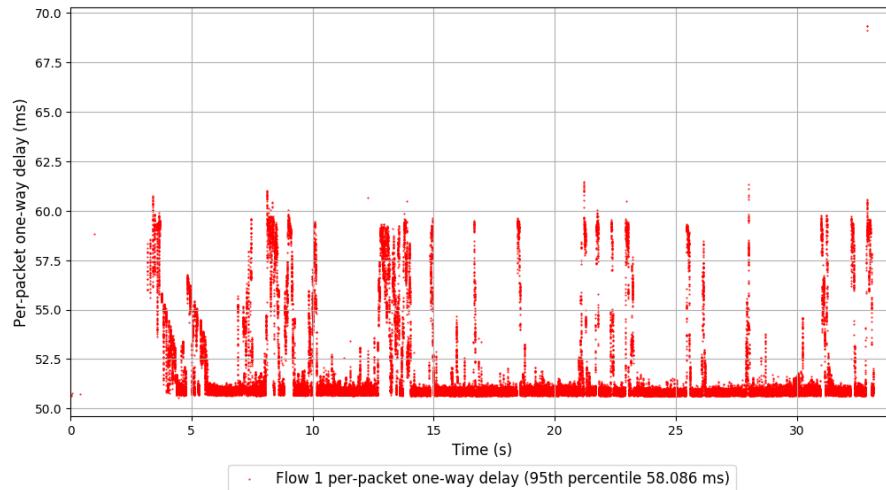
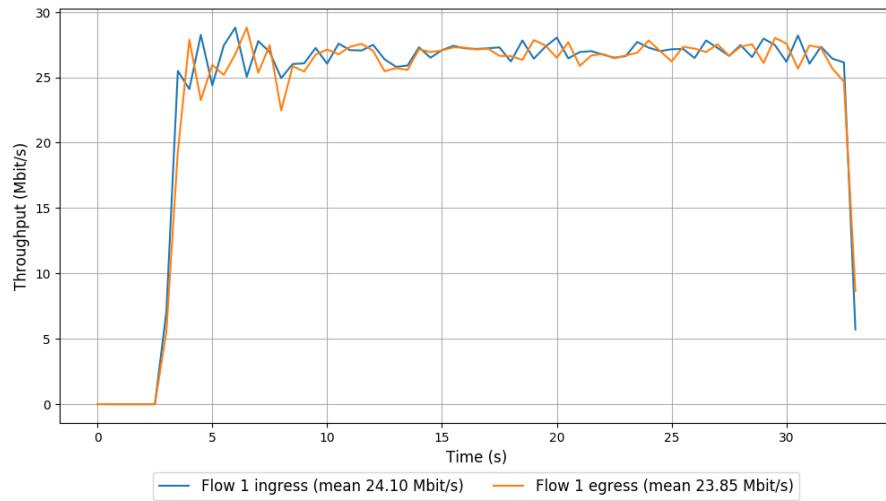
-- Flow 1:

Average throughput: 23.85 Mbit/s

95th percentile per-packet one-way delay: 58.086 ms

Loss rate: 1.04%

Run 1: Report of Saturator — Data Link

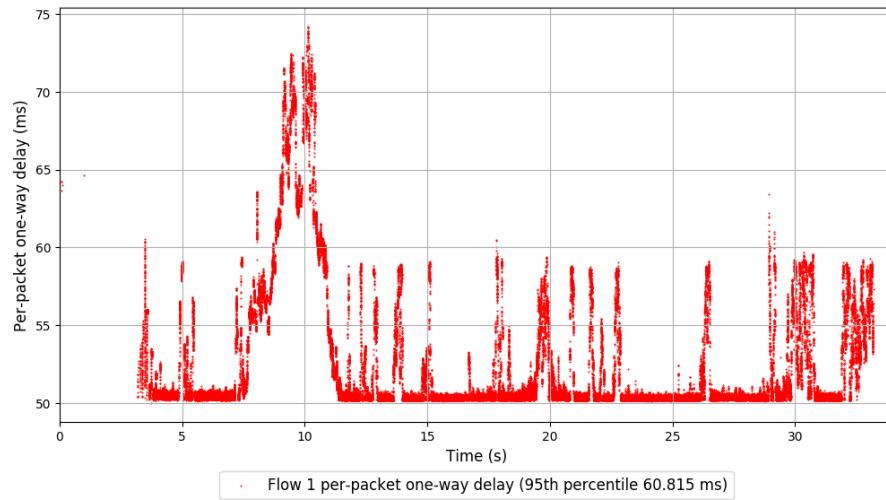
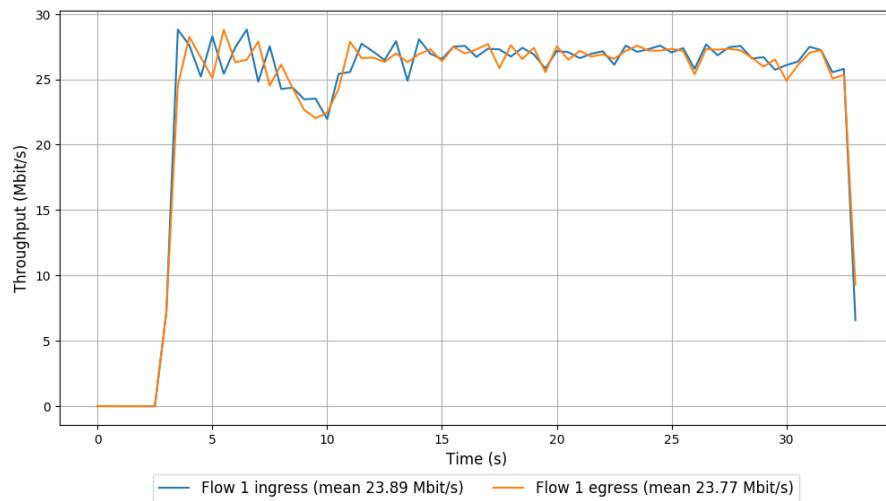


Run 2: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:14:28 +0000
End at: Thu, 29 Jun 2017 19:14:58 +0000
Local clock offset: 0.393 ms
Remote clock offset: -1.244 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 60.815 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 60.815 ms
Loss rate: 0.51%
```

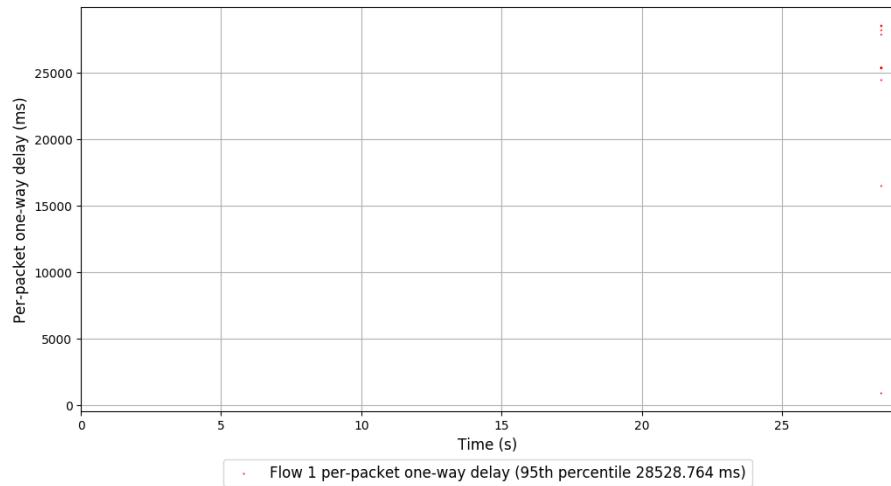
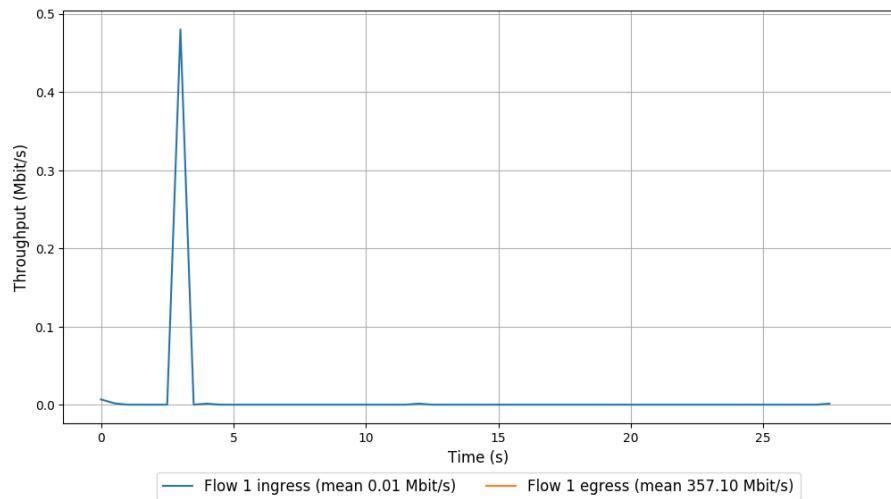
Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:34:09 +0000
End at: Thu, 29 Jun 2017 19:34:40 +0000
Local clock offset: 0.364 ms
Remote clock offset: -3.138 ms

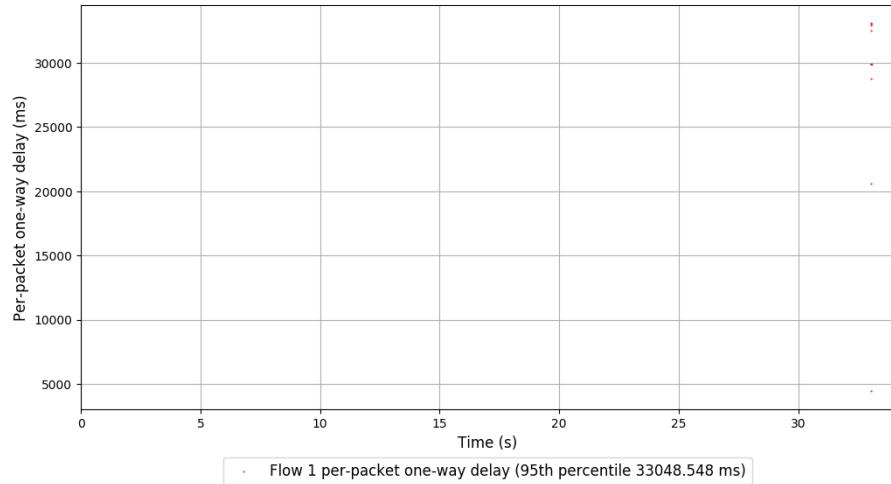
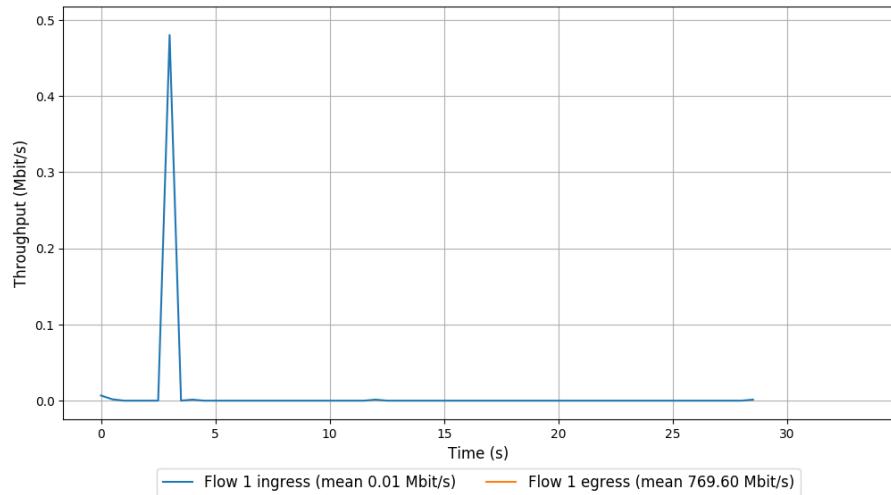
Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:53:43 +0000
End at: Thu, 29 Jun 2017 19:54:13 +0000
Local clock offset: 0.24 ms
Remote clock offset: -2.488 ms

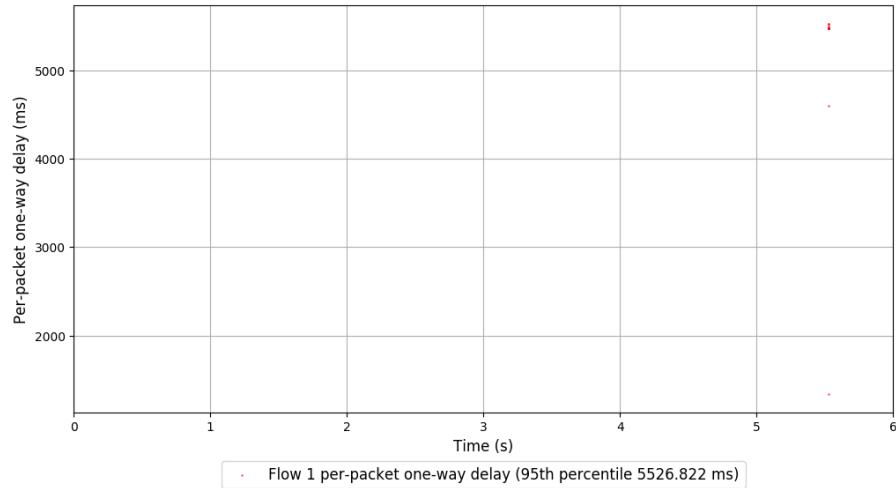
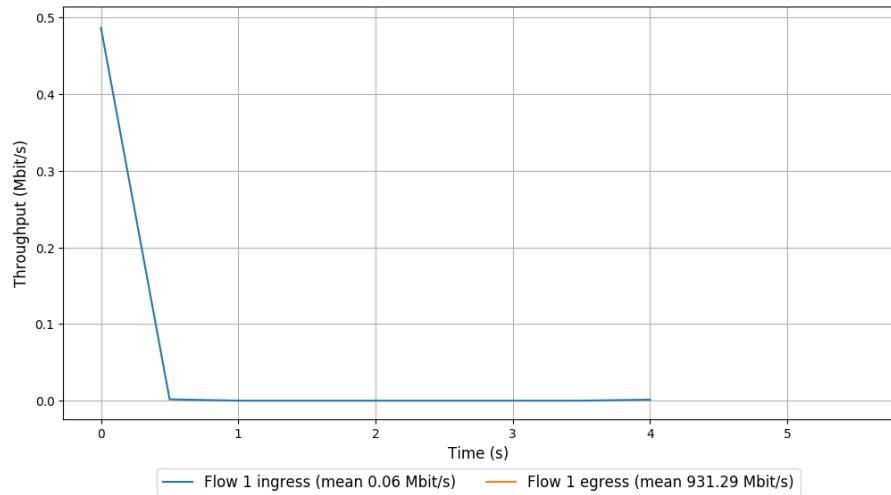
Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:13:16 +0000
End at: Thu, 29 Jun 2017 20:13:46 +0000
Local clock offset: 0.157 ms
Remote clock offset: -0.925 ms

Run 5: Report of Saturator — Data Link

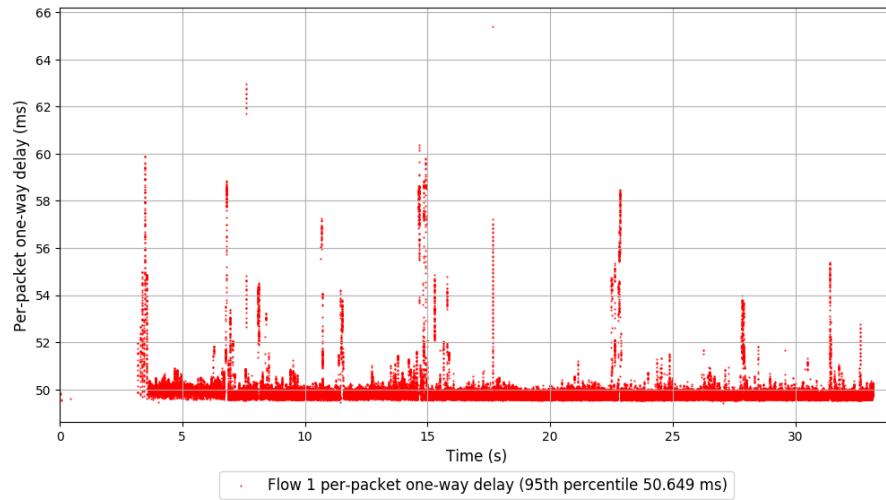
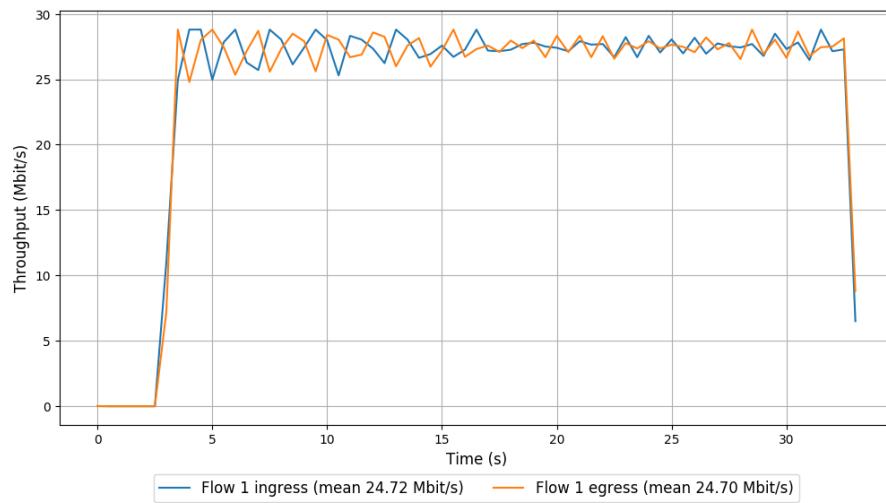


Run 6: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 20:32:57 +0000
End at: Thu, 29 Jun 2017 20:33:27 +0000
Local clock offset: 0.327 ms
Remote clock offset: -3.162 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 50.649 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 50.649 ms
Loss rate: 0.07%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

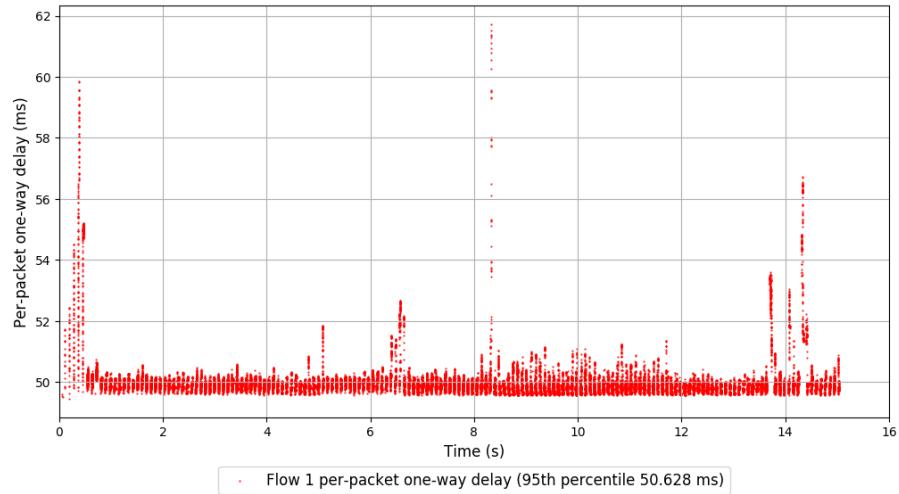
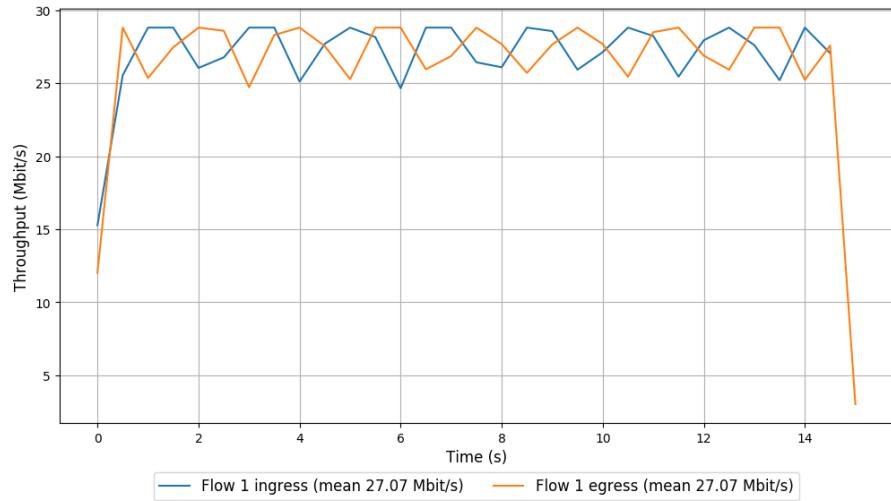
Start at: Thu, 29 Jun 2017 20:52:36 +0000

End at: Thu, 29 Jun 2017 20:53:06 +0000

Local clock offset: 0.112 ms

Remote clock offset: -0.333 ms

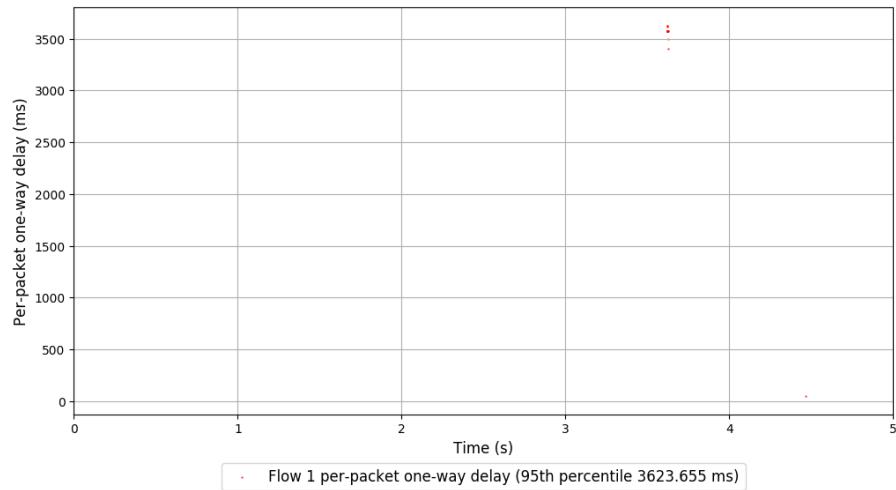
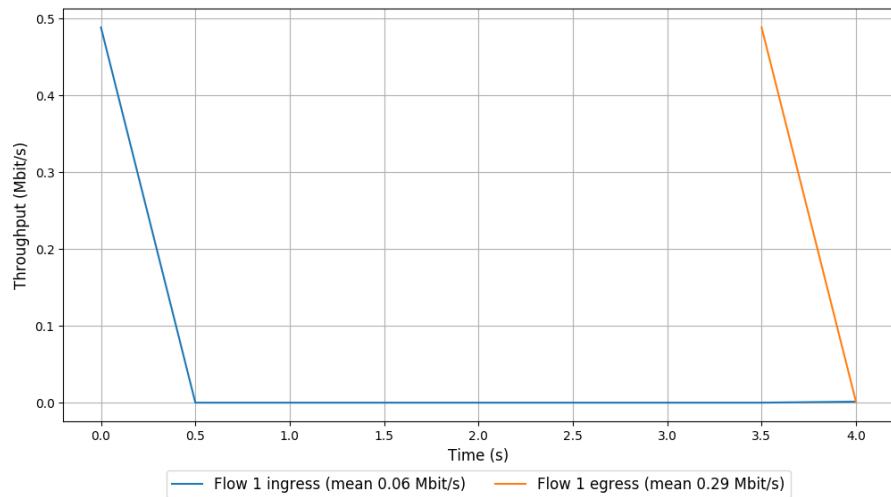
Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:12:19 +0000
End at: Thu, 29 Jun 2017 21:12:49 +0000
Local clock offset: 0.065 ms
Remote clock offset: -3.065 ms

Run 8: Report of Saturator — Data Link

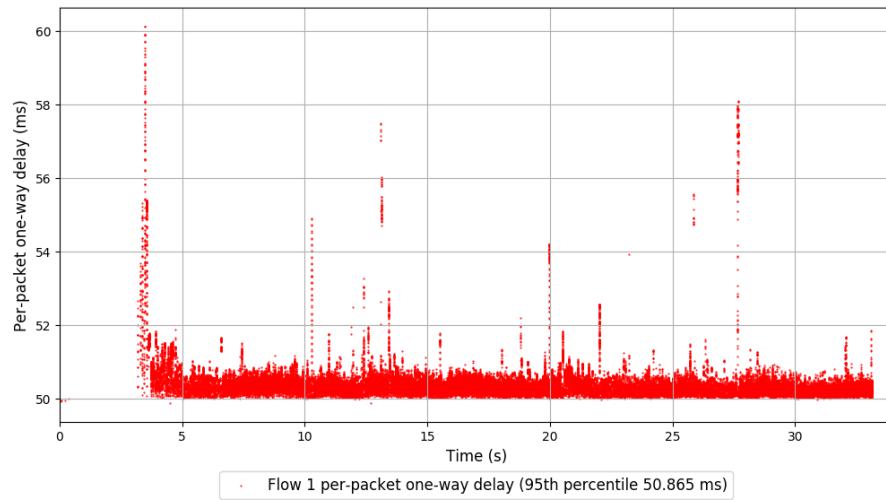
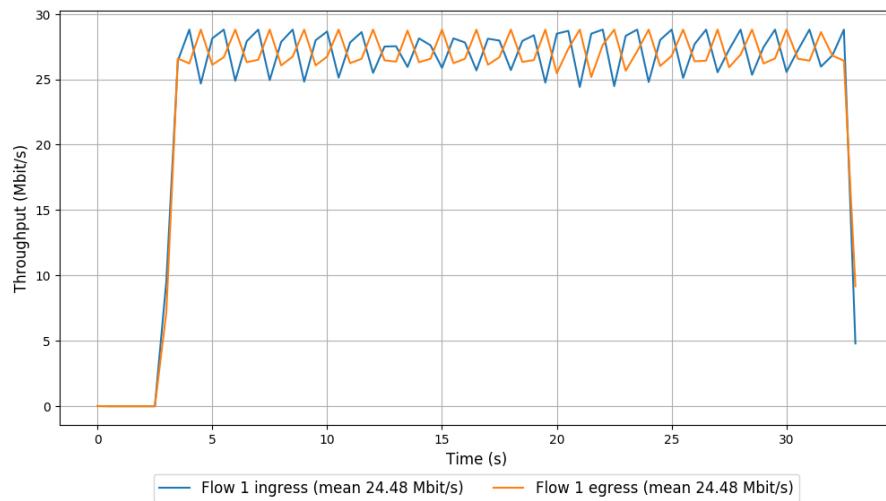


Run 9: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:32:01 +0000
End at: Thu, 29 Jun 2017 21:32:31 +0000
Local clock offset: 0.025 ms
Remote clock offset: -3.825 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 50.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 50.865 ms
Loss rate: 0.00%
```

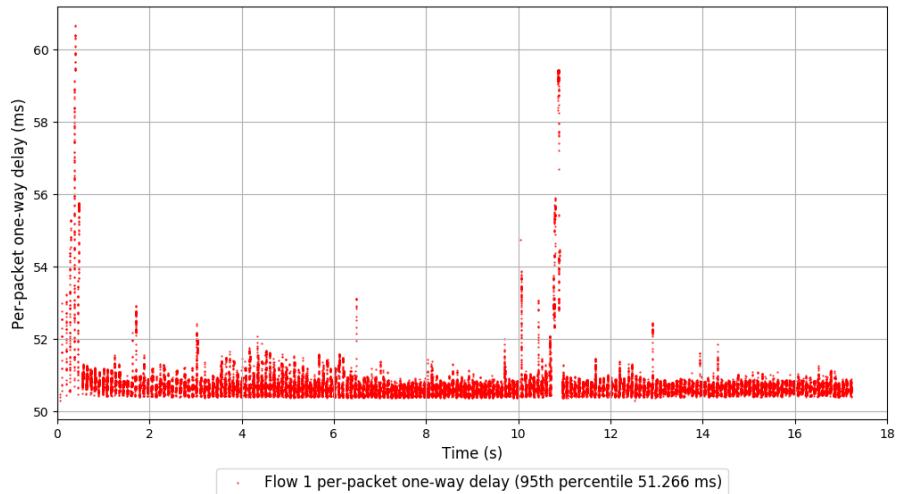
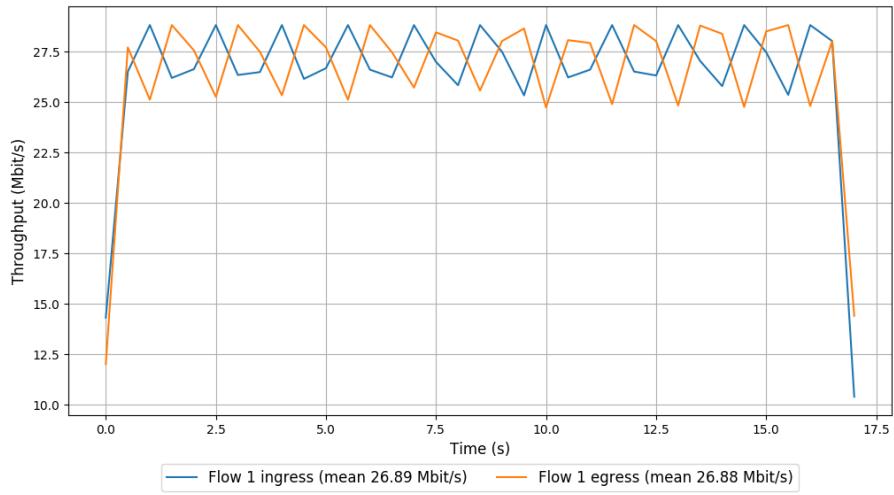
Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:51:44 +0000
End at: Thu, 29 Jun 2017 21:52:14 +0000
Local clock offset: -0.008 ms
Remote clock offset: -3.758 ms

Run 10: Report of Saturator — Data Link

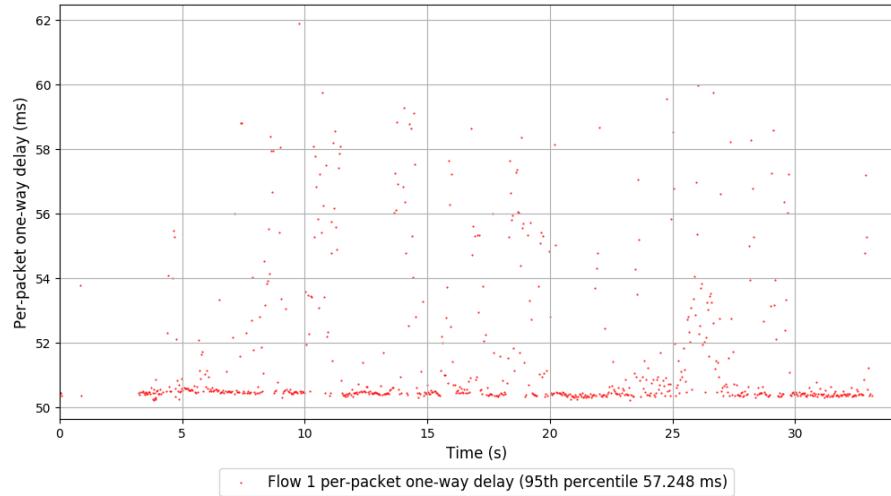
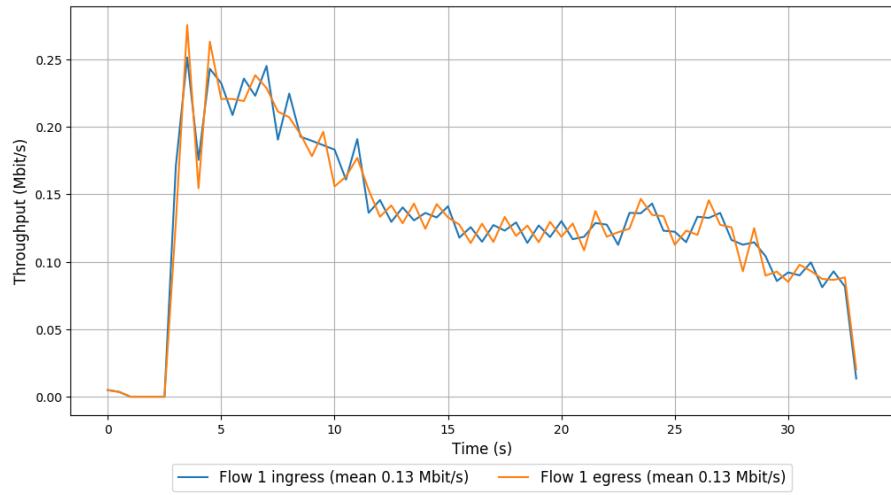


Run 1: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:11:52 +0000
End at: Thu, 29 Jun 2017 19:12:22 +0000
Local clock offset: 0.457 ms
Remote clock offset: -0.868 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 57.248 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 57.248 ms
Loss rate: 0.72%
```

Run 1: Report of SCReAM — Data Link

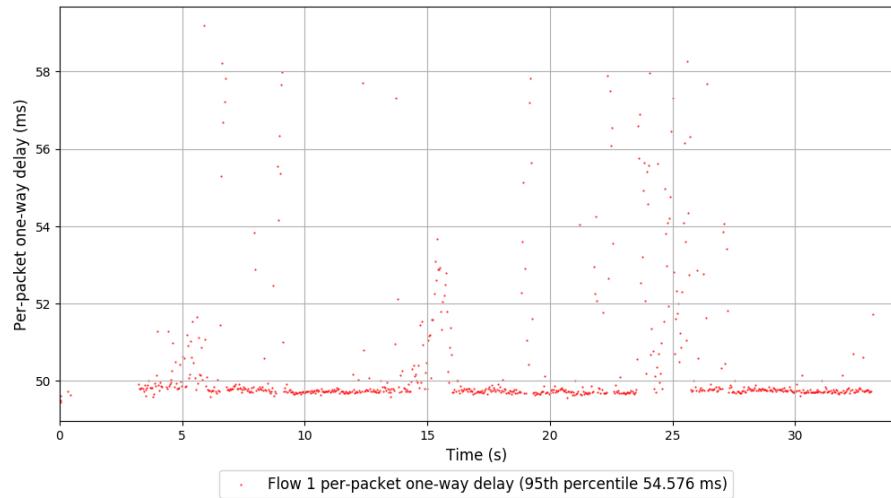
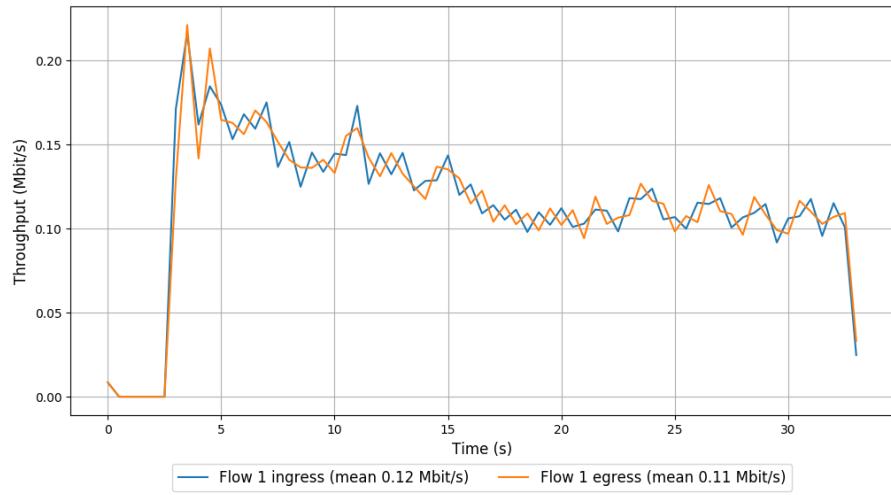


Run 2: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:31:32 +0000
End at: Thu, 29 Jun 2017 19:32:02 +0000
Local clock offset: 0.342 ms
Remote clock offset: -1.043 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 54.576 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 54.576 ms
Loss rate: 0.42%
```

Run 2: Report of SCReAM — Data Link

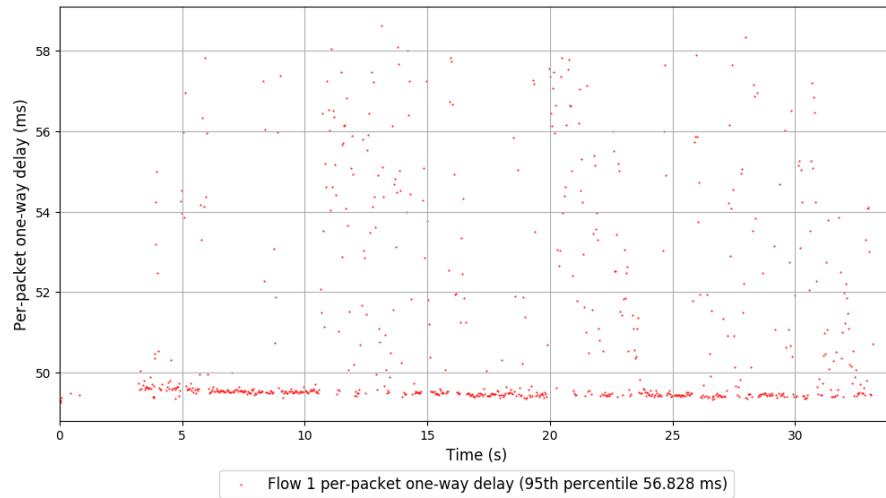
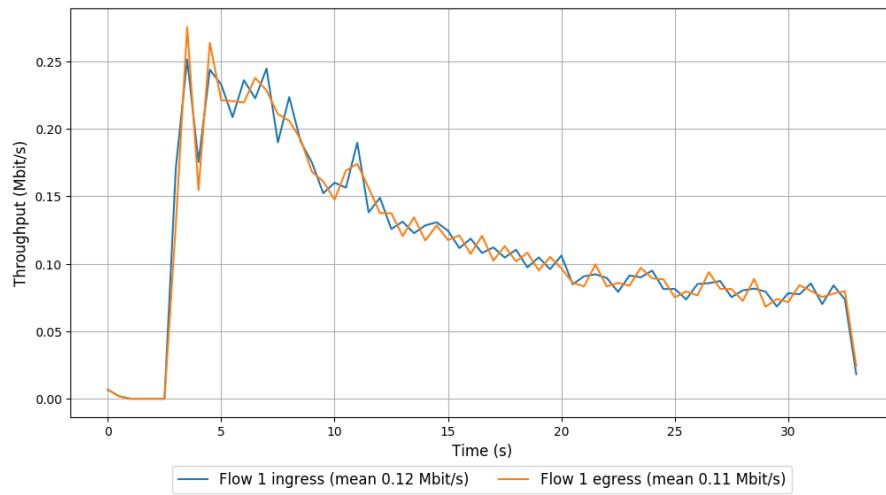


Run 3: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:51:05 +0000
End at: Thu, 29 Jun 2017 19:51:35 +0000
Local clock offset: 0.32 ms
Remote clock offset: -0.472 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 56.828 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 56.828 ms
Loss rate: 0.55%
```

Run 3: Report of SCReAM — Data Link

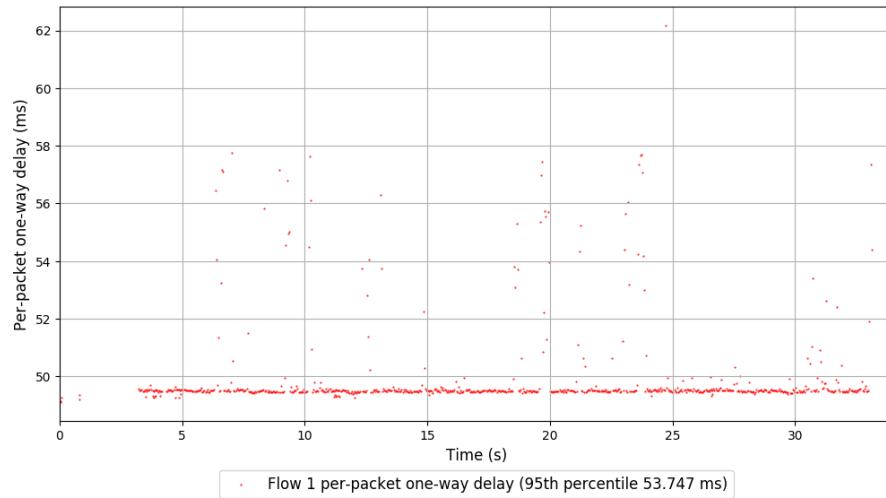
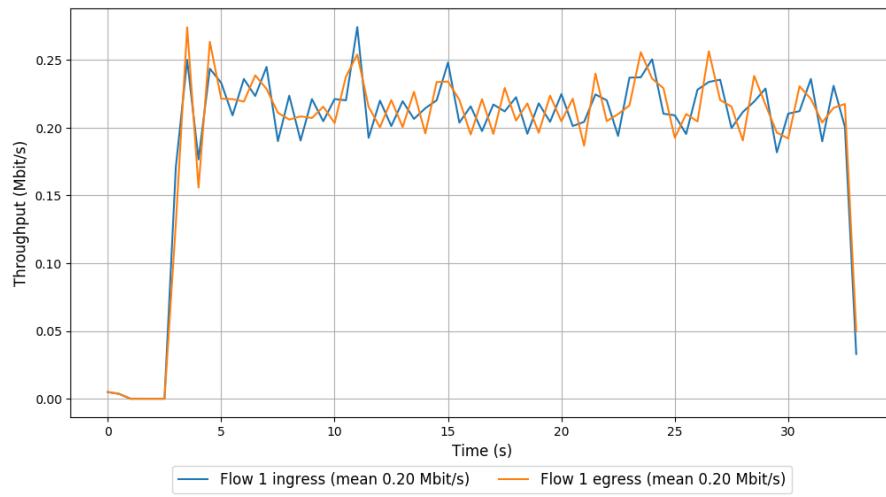


Run 4: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:10:38 +0000
End at: Thu, 29 Jun 2017 20:11:08 +0000
Local clock offset: 0.253 ms
Remote clock offset: -0.843 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:07:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.747 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

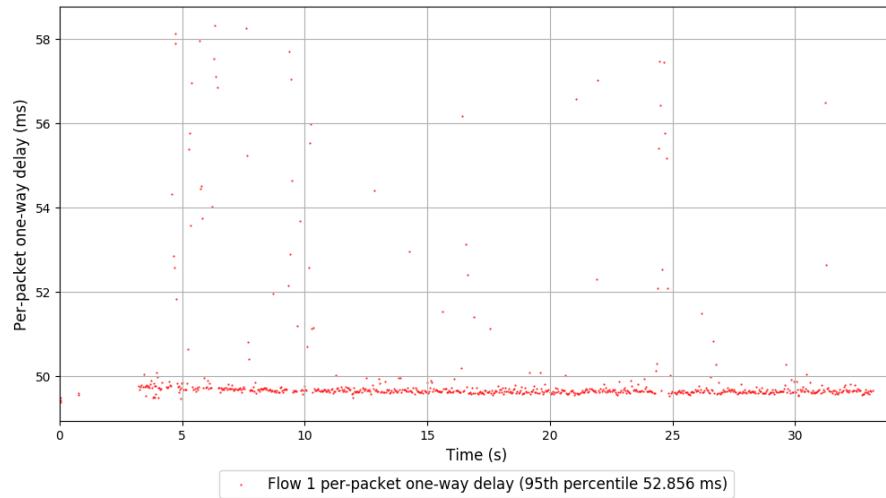
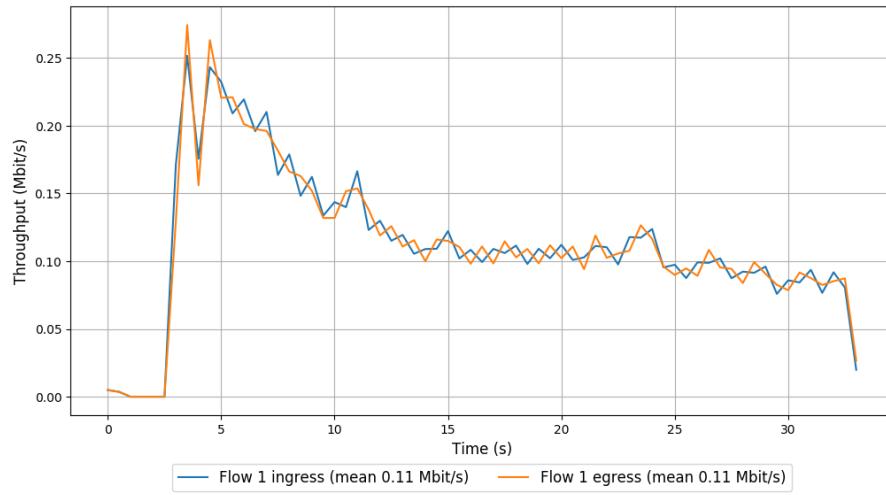


Run 5: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:30:19 +0000
End at: Thu, 29 Jun 2017 20:30:49 +0000
Local clock offset: 0.228 ms
Remote clock offset: -2.754 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 52.856 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 52.856 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link

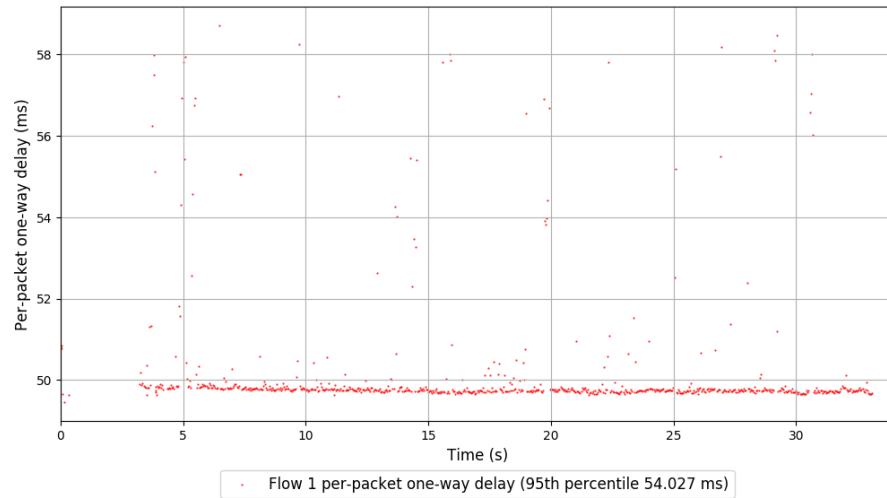
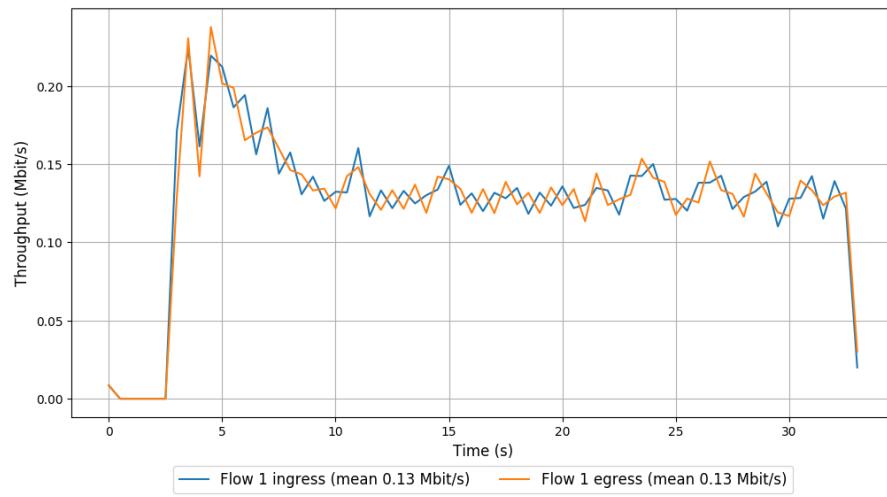


Run 6: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:49:59 +0000
End at: Thu, 29 Jun 2017 20:50:29 +0000
Local clock offset: 0.244 ms
Remote clock offset: -0.408 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 54.027 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 54.027 ms
Loss rate: 0.41%
```

Run 6: Report of SCReAM — Data Link

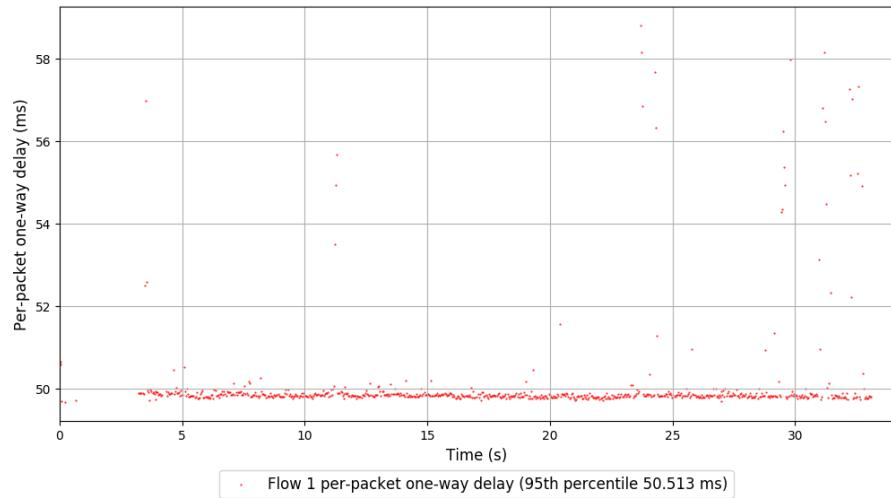
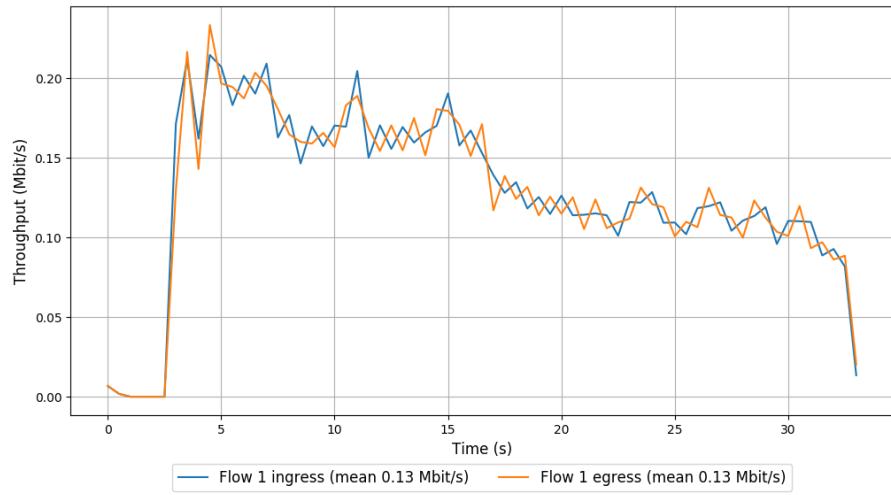


Run 7: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:09:40 +0000
End at: Thu, 29 Jun 2017 21:10:10 +0000
Local clock offset: 0.17 ms
Remote clock offset: -3.324 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 50.513 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 50.513 ms
Loss rate: 0.49%
```

Run 7: Report of SCReAM — Data Link

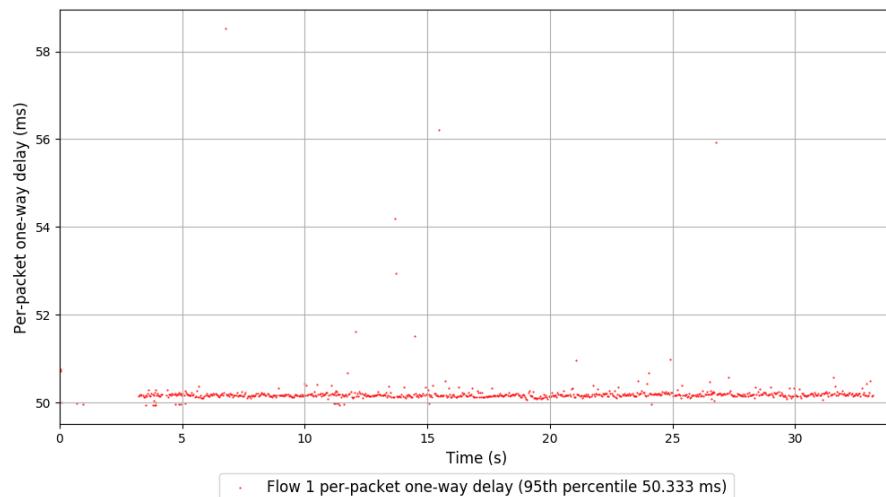
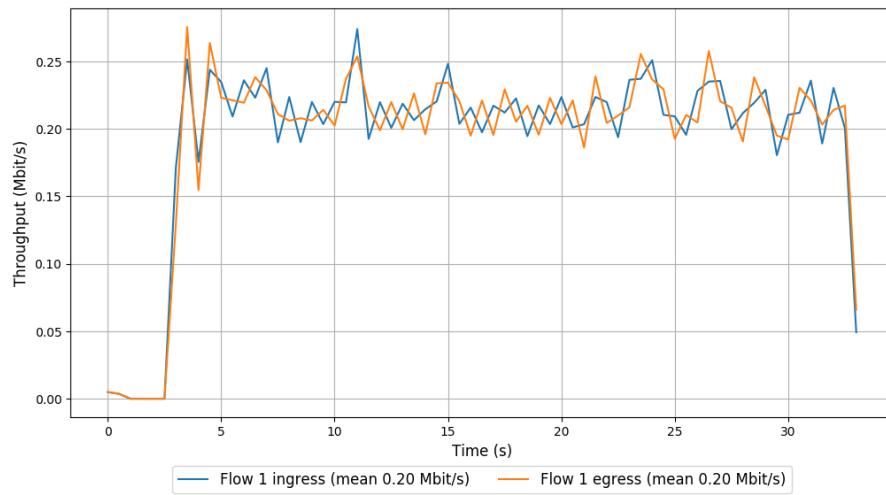


Run 8: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:29:24 +0000
End at: Thu, 29 Jun 2017 21:29:54 +0000
Local clock offset: 0.149 ms
Remote clock offset: -1.31 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.333 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

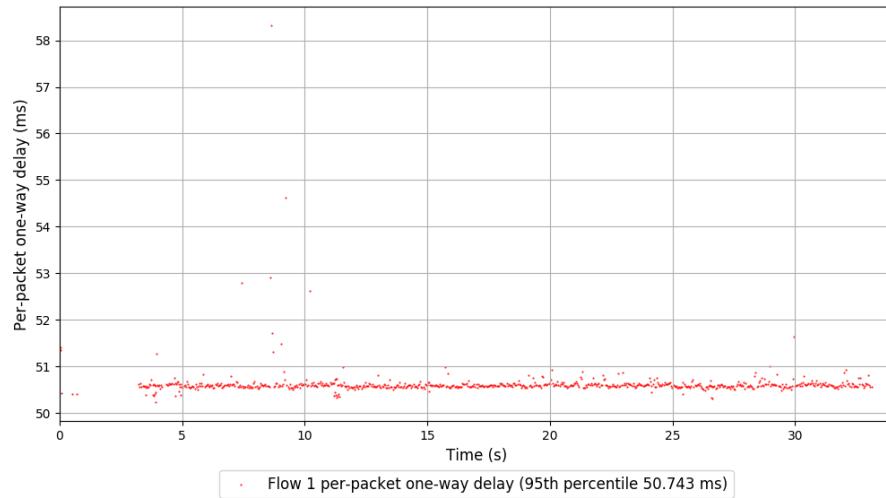
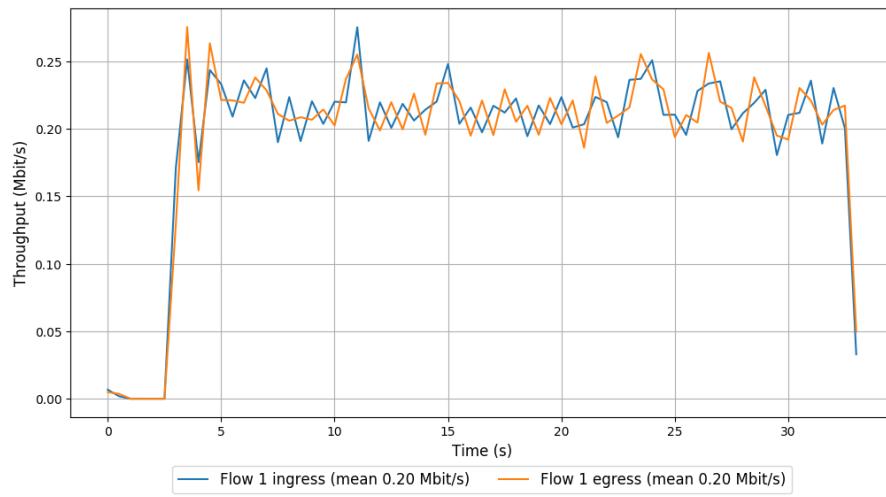


Run 9: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:49:06 +0000
End at: Thu, 29 Jun 2017 21:49:36 +0000
Local clock offset: 0.104 ms
Remote clock offset: -1.684 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.743 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

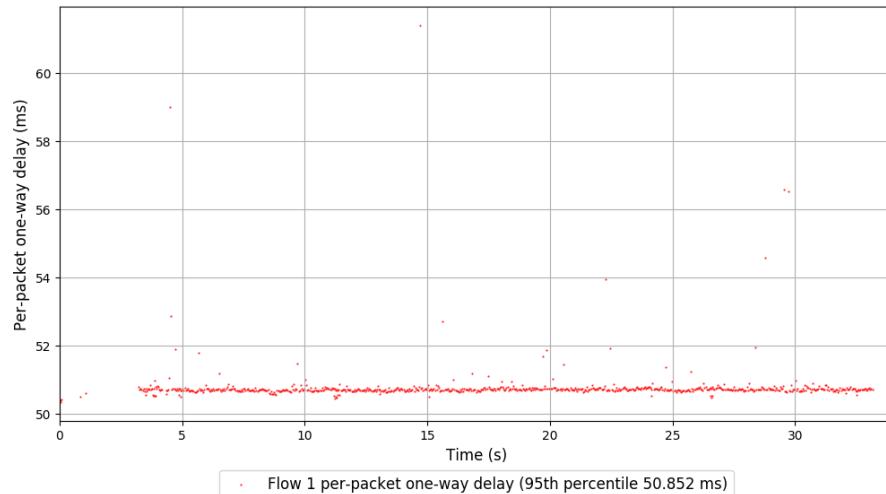
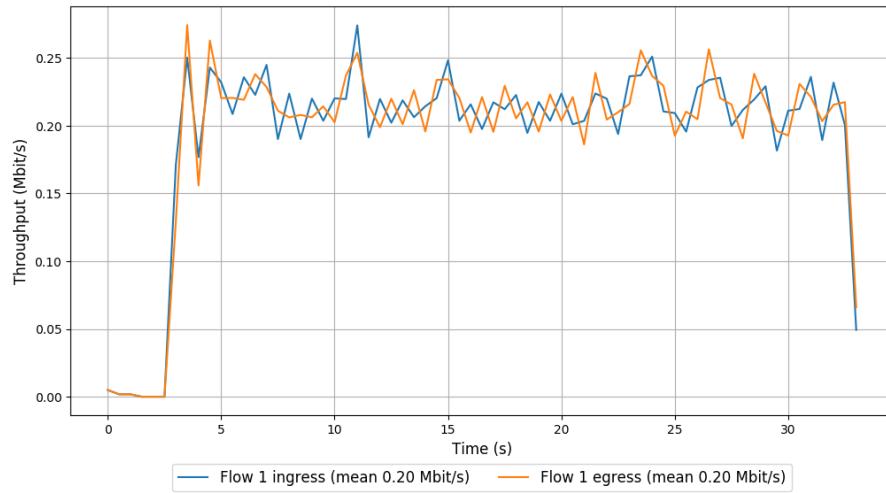


Run 10: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 22:08:45 +0000
End at: Thu, 29 Jun 2017 22:09:15 +0000
Local clock offset: 0.066 ms
Remote clock offset: -4.308 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.852 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

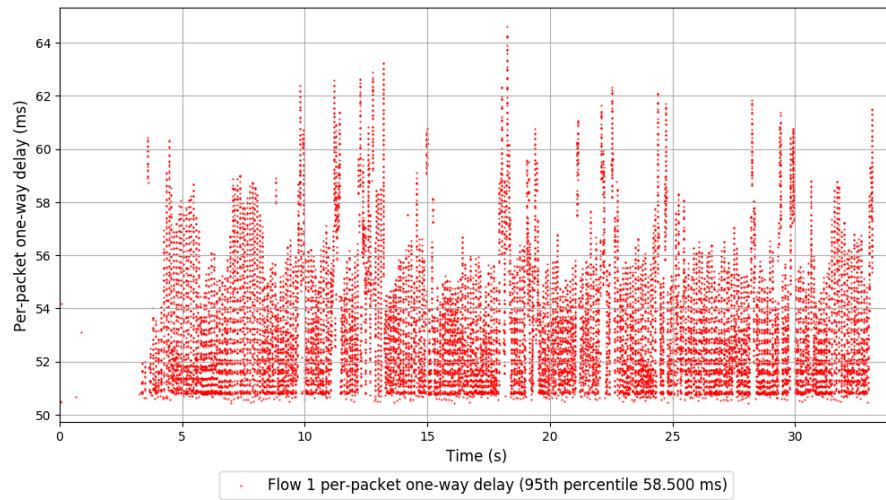
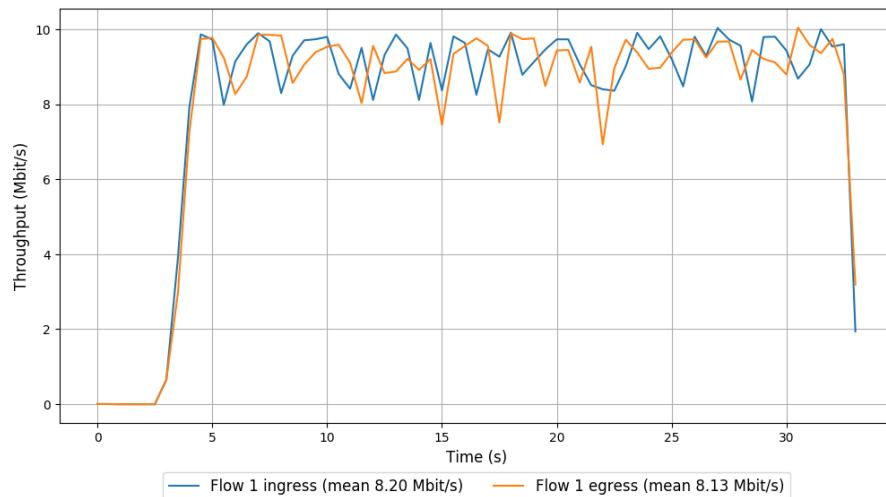


Run 1: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 18:58:56 +0000
End at: Thu, 29 Jun 2017 18:59:26 +0000
Local clock offset: 0.522 ms
Remote clock offset: -1.508 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.13 Mbit/s
95th percentile per-packet one-way delay: 58.500 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 8.13 Mbit/s
95th percentile per-packet one-way delay: 58.500 ms
Loss rate: 0.77%
```

Run 1: Report of Sprout — Data Link

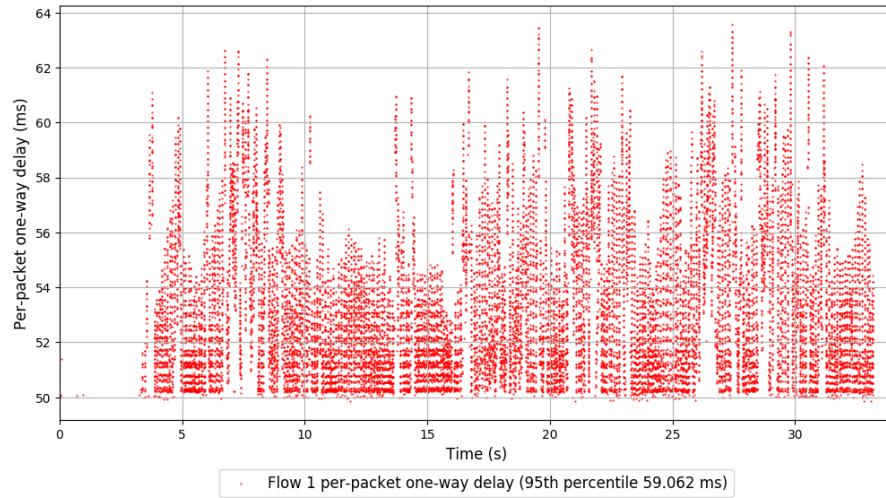
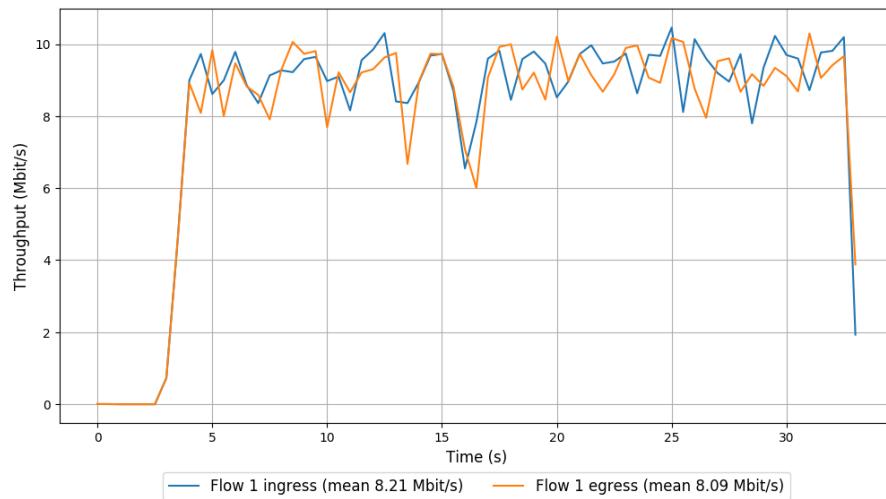


Run 2: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:18:29 +0000
End at: Thu, 29 Jun 2017 19:18:59 +0000
Local clock offset: 0.339 ms
Remote clock offset: -3.187 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 59.062 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 59.062 ms
Loss rate: 1.46%
```

Run 2: Report of Sprout — Data Link

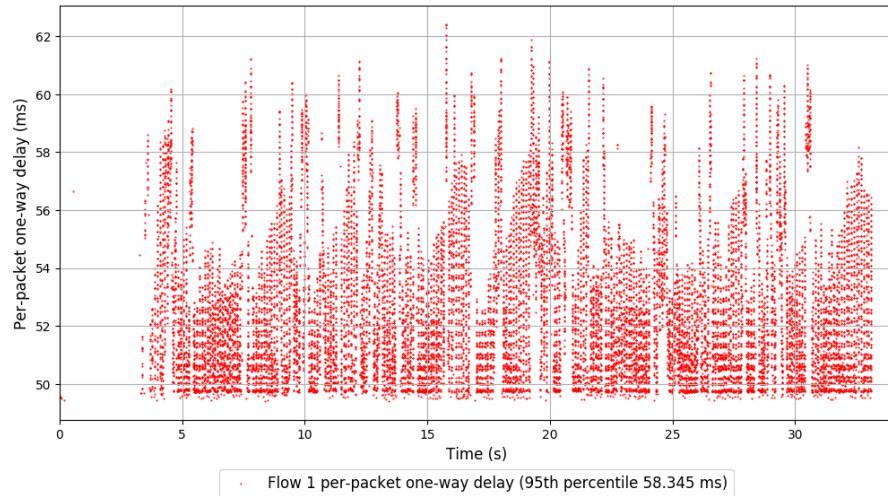
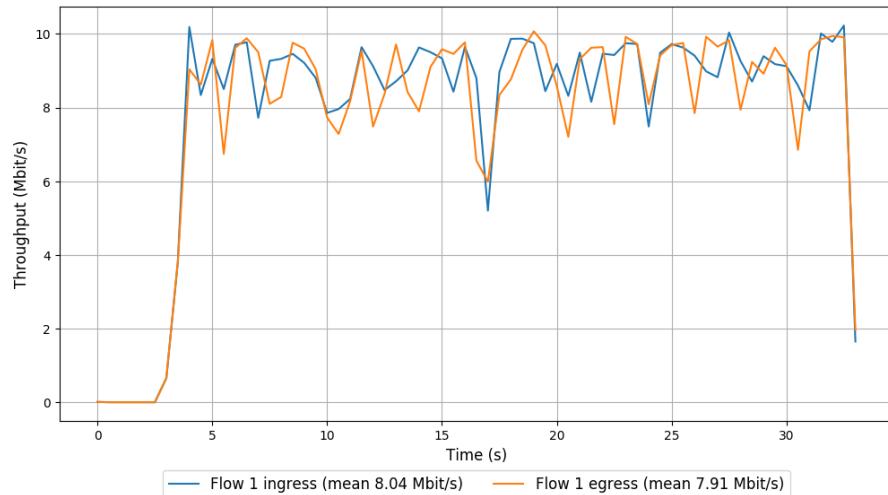


Run 3: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:38:06 +0000
End at: Thu, 29 Jun 2017 19:38:36 +0000
Local clock offset: 0.272 ms
Remote clock offset: -3.097 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 58.345 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 58.345 ms
Loss rate: 1.65%
```

Run 3: Report of Sprout — Data Link

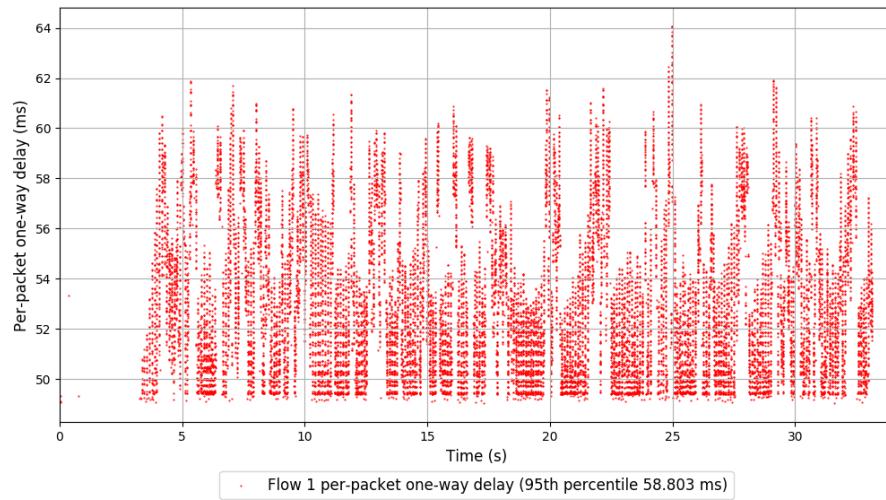
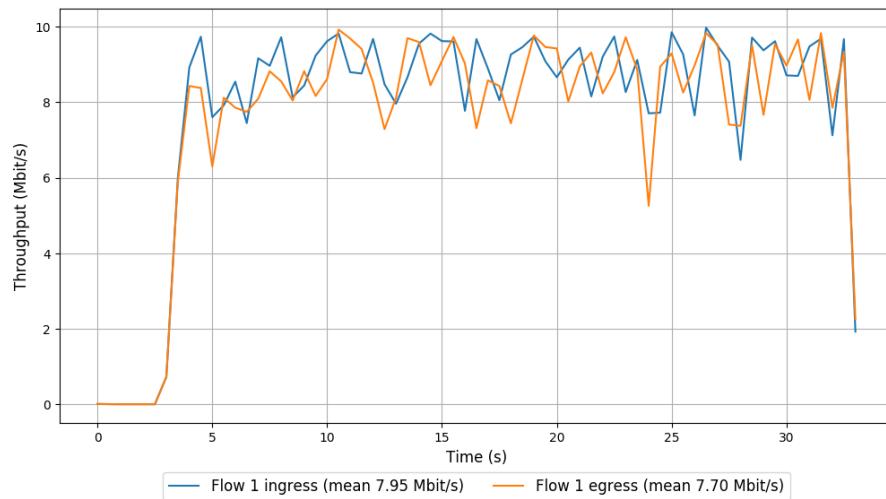


Run 4: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:57:39 +0000
End at: Thu, 29 Jun 2017 19:58:09 +0000
Local clock offset: 0.285 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 58.803 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 58.803 ms
Loss rate: 3.09%
```

Run 4: Report of Sprout — Data Link

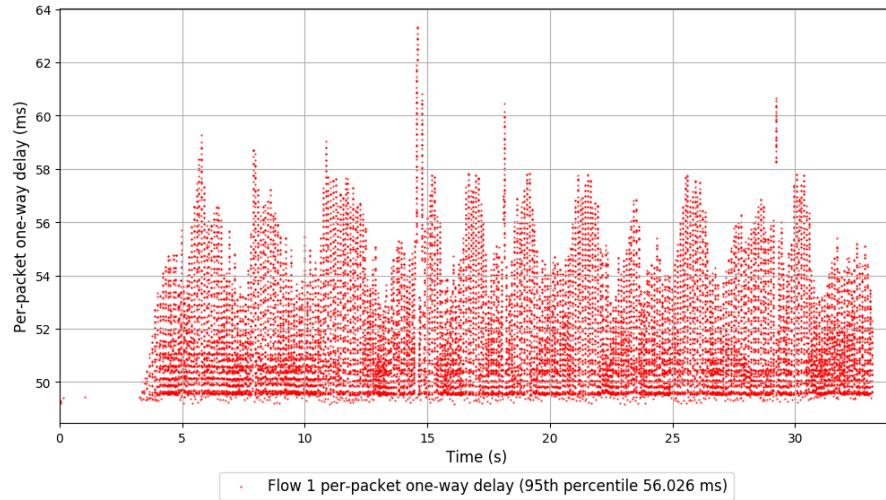
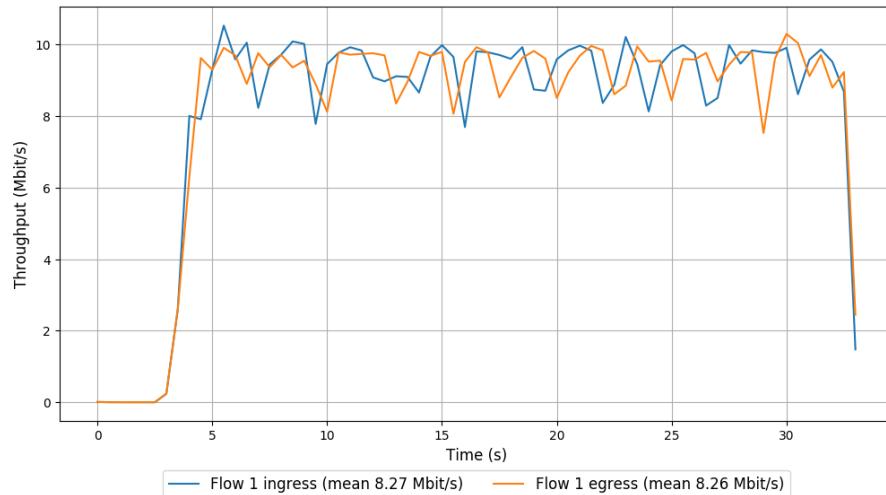


Run 5: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:17:14 +0000
End at: Thu, 29 Jun 2017 20:17:44 +0000
Local clock offset: 0.264 ms
Remote clock offset: -0.902 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 56.026 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 56.026 ms
Loss rate: 0.15%
```

Run 5: Report of Sprout — Data Link

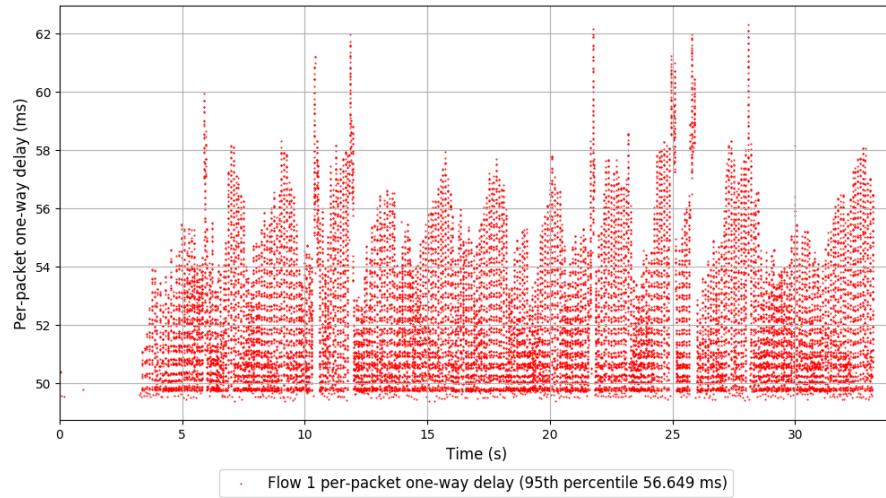
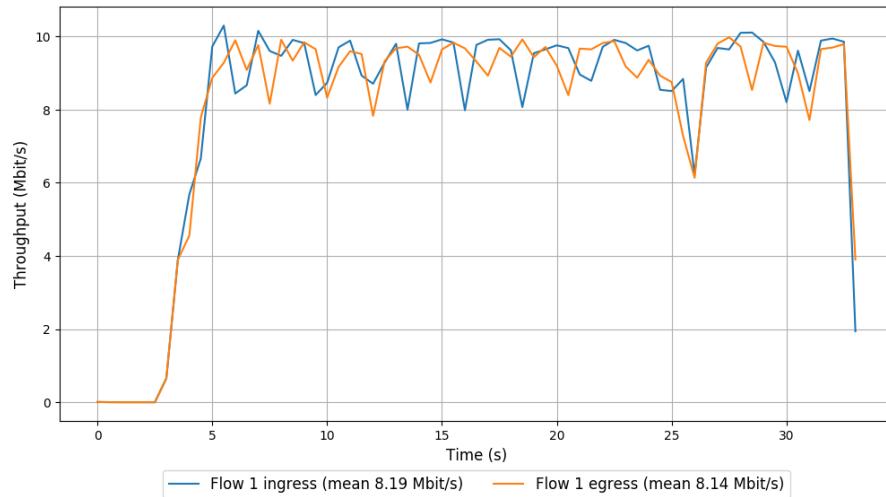


Run 6: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:36:57 +0000
End at: Thu, 29 Jun 2017 20:37:27 +0000
Local clock offset: 0.303 ms
Remote clock offset: -1.135 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 56.649 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 56.649 ms
Loss rate: 0.55%
```

Run 6: Report of Sprout — Data Link

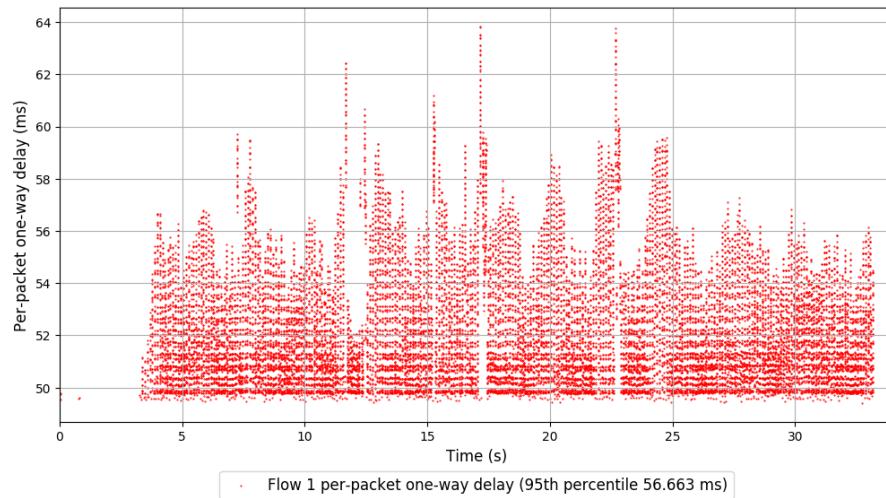
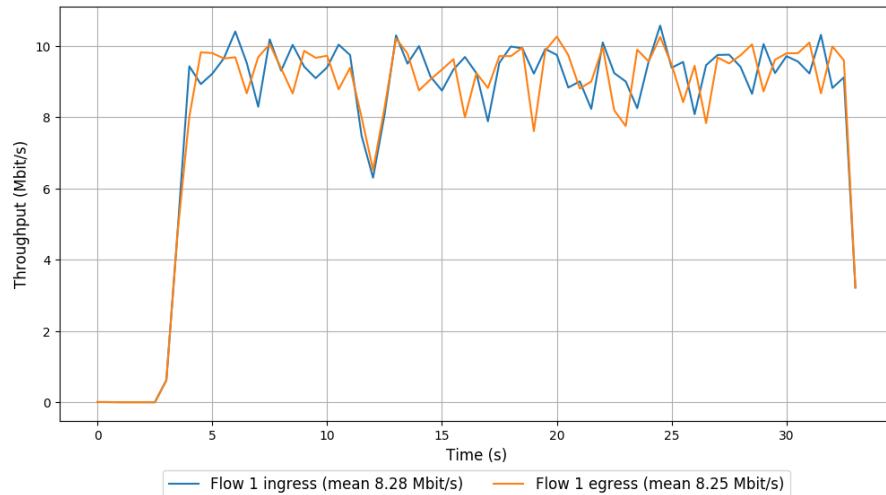


Run 7: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:56:36 +0000
End at: Thu, 29 Jun 2017 20:57:06 +0000
Local clock offset: 0.113 ms
Remote clock offset: -3.27 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 56.663 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 56.663 ms
Loss rate: 0.45%
```

Run 7: Report of Sprout — Data Link

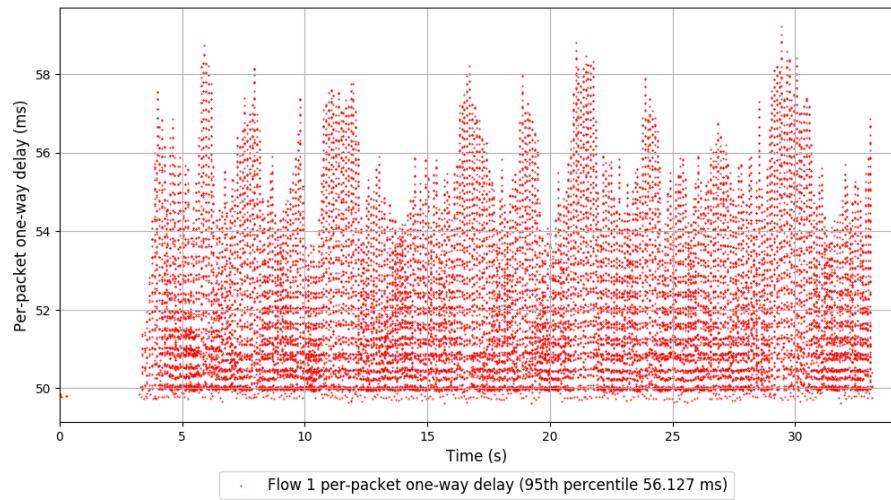
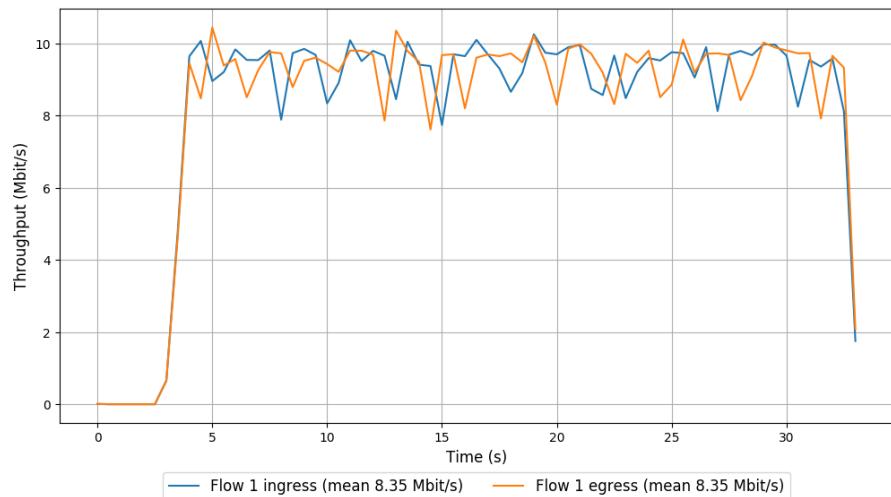


Run 8: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:16:19 +0000
End at: Thu, 29 Jun 2017 21:16:49 +0000
Local clock offset: 0.173 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 56.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 56.127 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

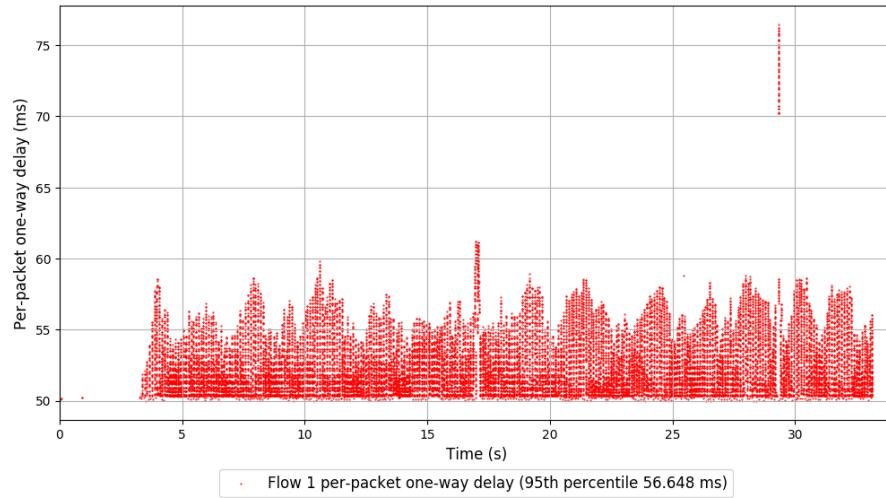
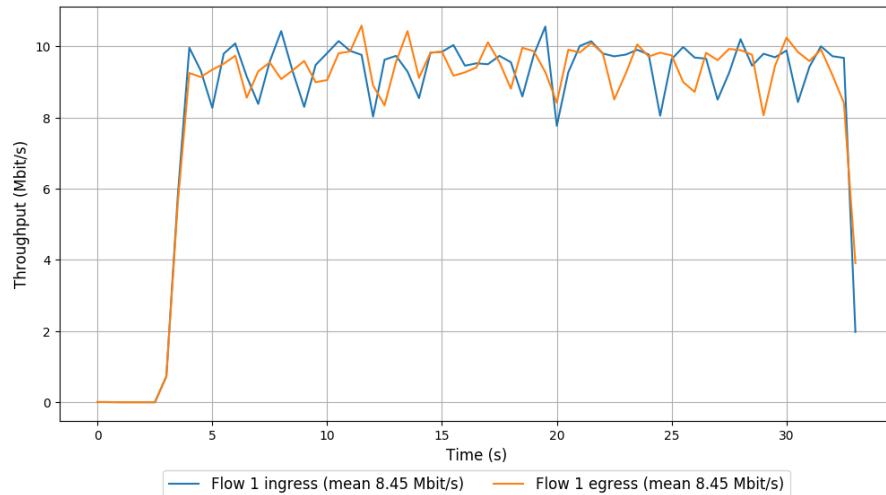


Run 9: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:36:03 +0000
End at: Thu, 29 Jun 2017 21:36:33 +0000
Local clock offset: 0.136 ms
Remote clock offset: -1.808 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

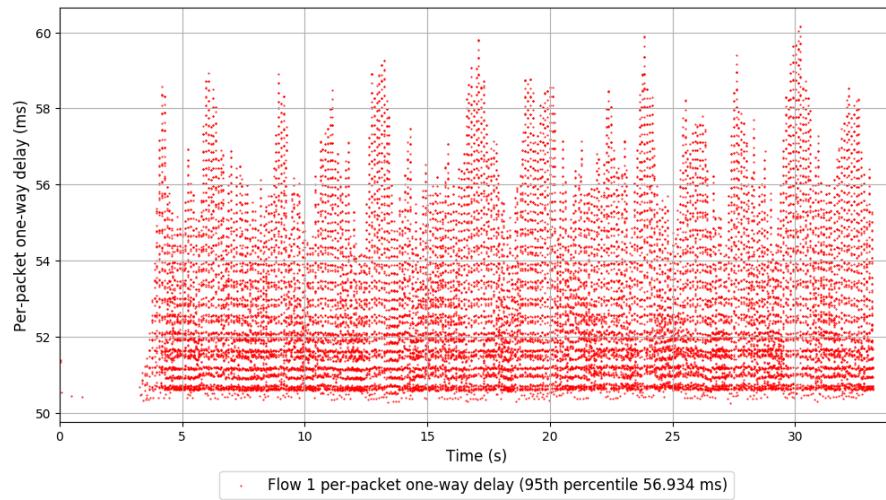
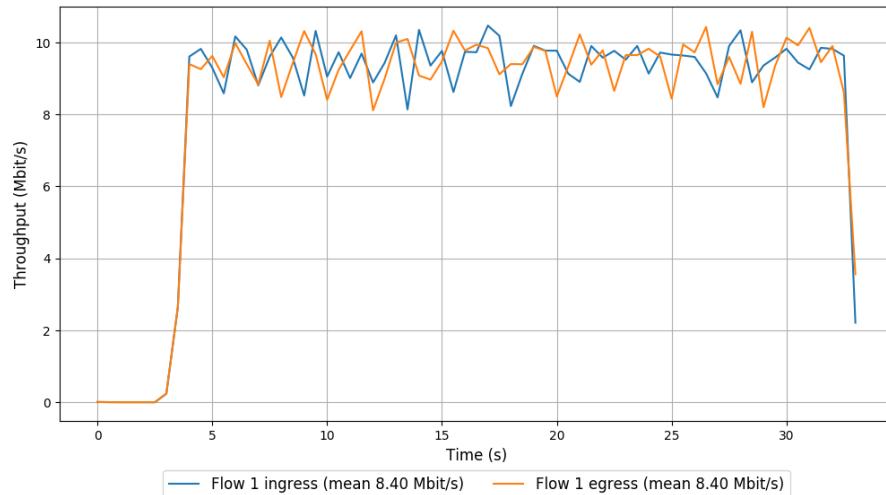


Run 10: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:55:44 +0000
End at: Thu, 29 Jun 2017 21:56:14 +0000
Local clock offset: -0.014 ms
Remote clock offset: -3.812 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 56.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 56.934 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

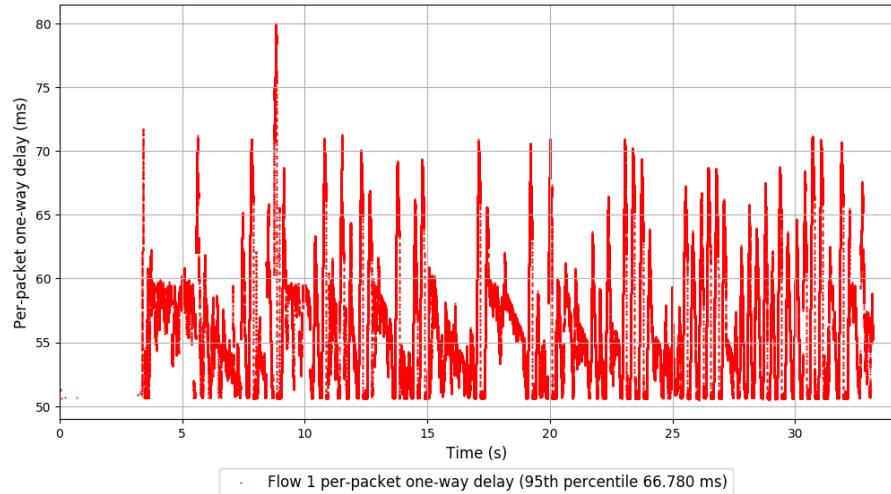
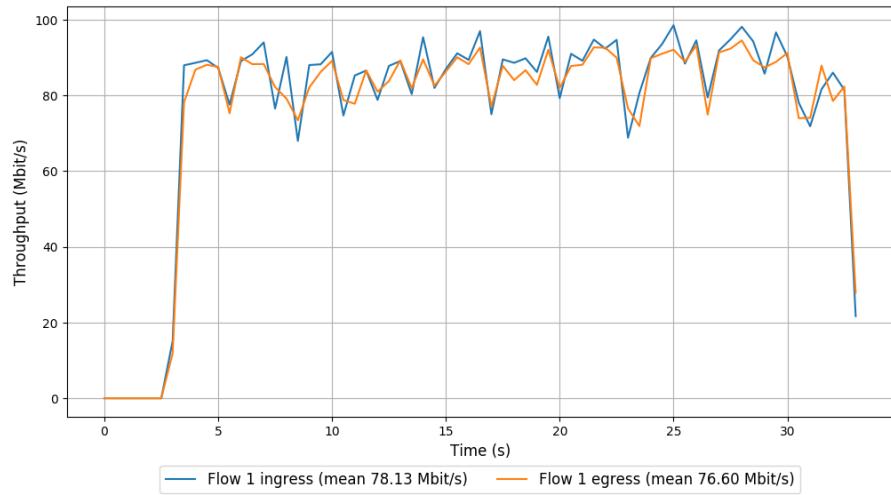


Run 1: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 18:57:31 +0000
End at: Thu, 29 Jun 2017 18:58:01 +0000
Local clock offset: 0.425 ms
Remote clock offset: -1.653 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 66.780 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 66.780 ms
Loss rate: 1.97%
```

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

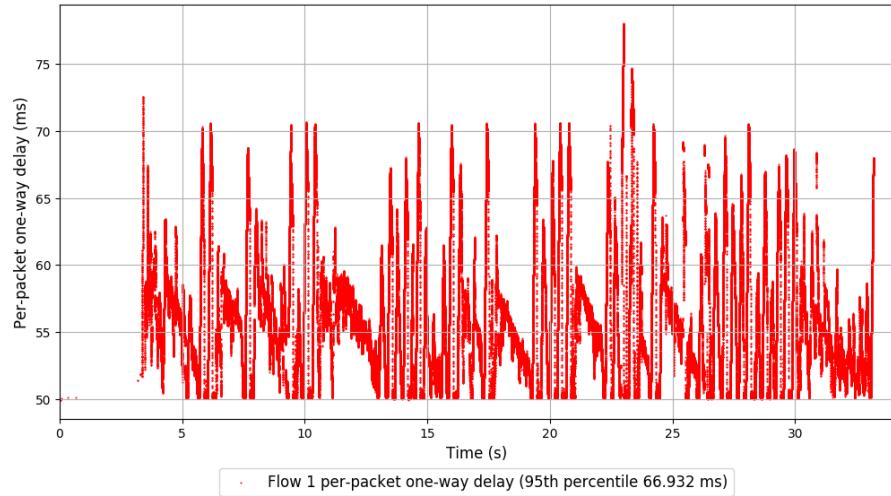
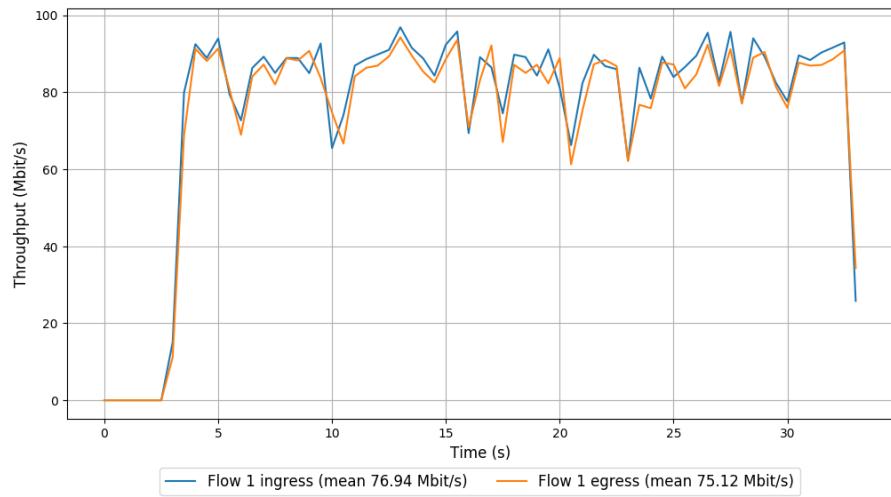


Run 2: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:17:04 +0000
End at: Thu, 29 Jun 2017 19:17:34 +0000
Local clock offset: 0.367 ms
Remote clock offset: -1.027 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 66.932 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 66.932 ms
Loss rate: 2.33%
```

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

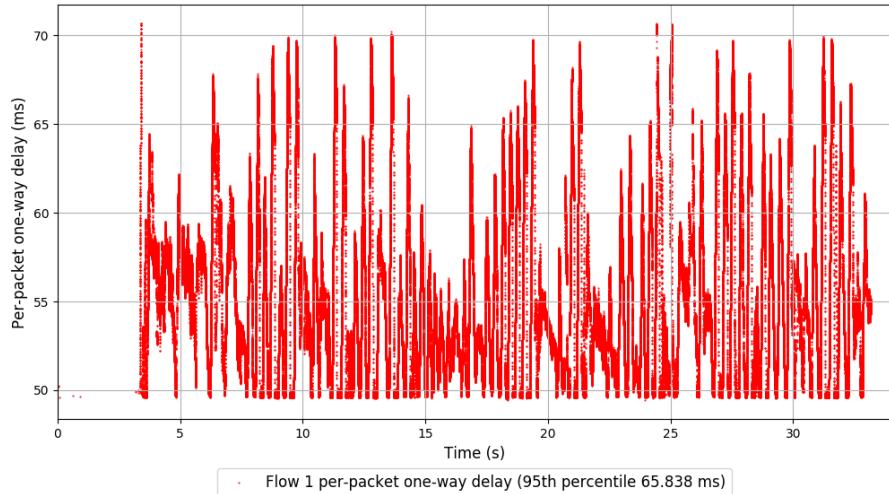
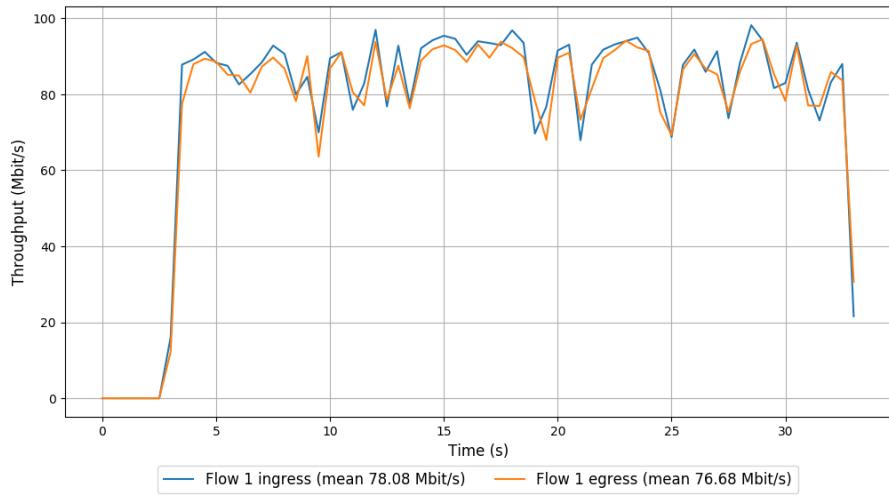


Run 3: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:36:42 +0000
End at: Thu, 29 Jun 2017 19:37:12 +0000
Local clock offset: 0.284 ms
Remote clock offset: -3.095 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 65.838 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 65.838 ms
Loss rate: 1.80%
```

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

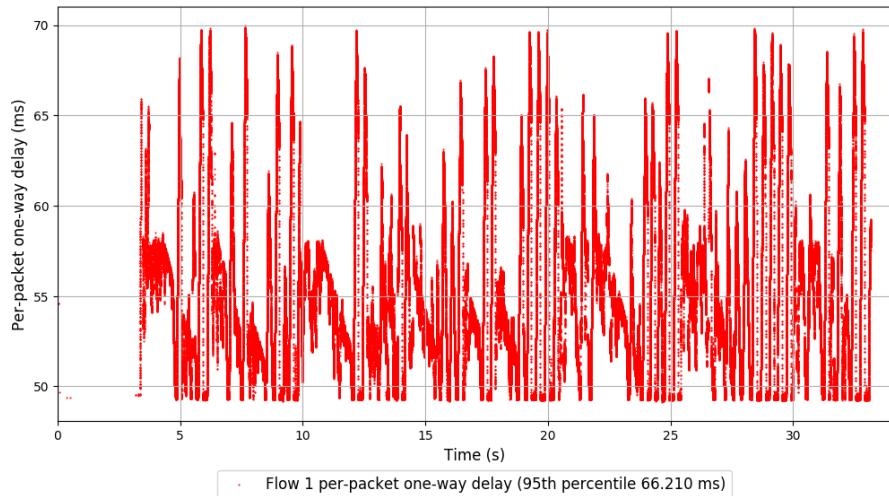
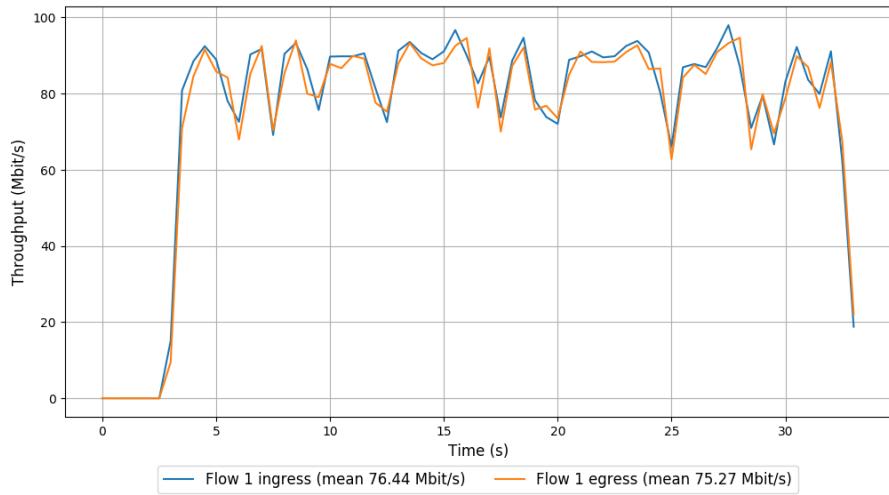


Run 4: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:56:14 +0000
End at: Thu, 29 Jun 2017 19:56:44 +0000
Local clock offset: 0.182 ms
Remote clock offset: -2.478 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 66.210 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 66.210 ms
Loss rate: 1.54%
```

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

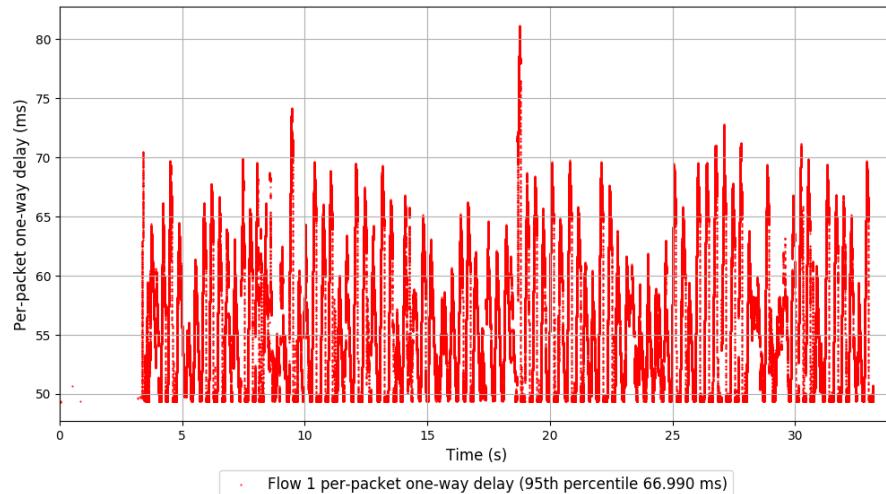
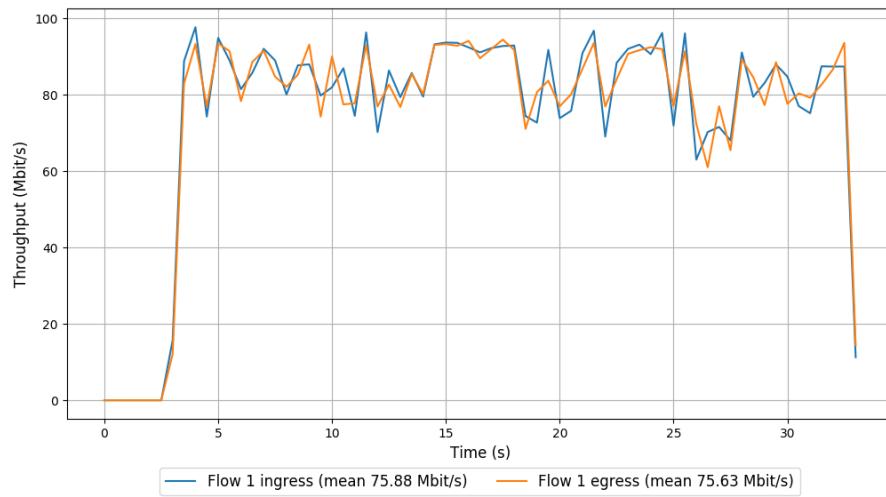


Run 5: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 20:15:49 +0000
End at: Thu, 29 Jun 2017 20:16:19 +0000
Local clock offset: 0.272 ms
Remote clock offset: -2.639 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 66.990 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 66.990 ms
Loss rate: 0.33%
```

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

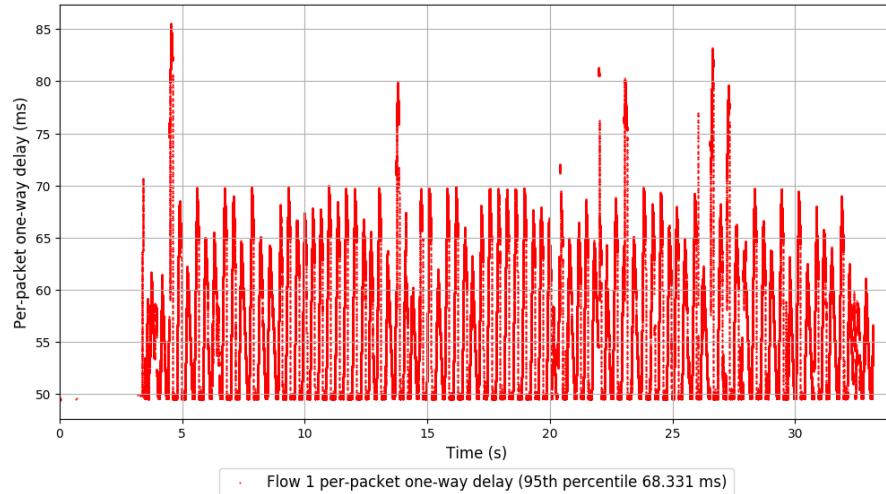
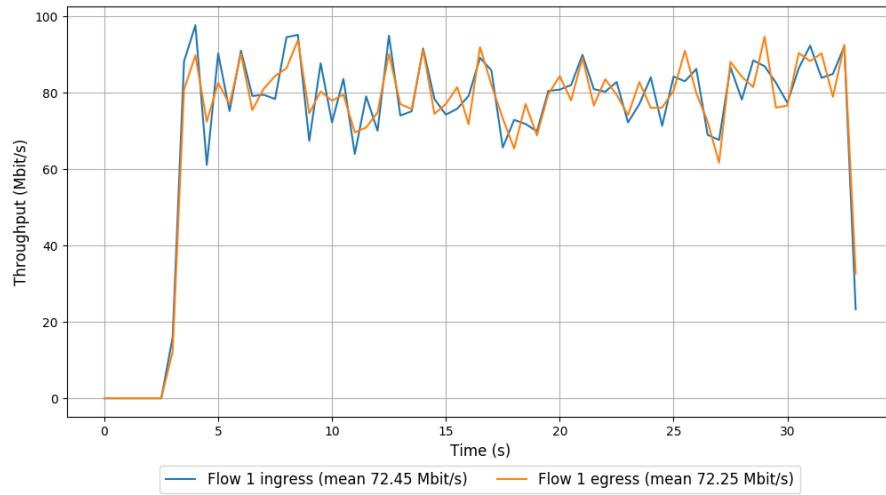


Run 6: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 20:35:32 +0000
End at: Thu, 29 Jun 2017 20:36:02 +0000
Local clock offset: 0.311 ms
Remote clock offset: -0.655 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.25 Mbit/s
95th percentile per-packet one-way delay: 68.331 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 72.25 Mbit/s
95th percentile per-packet one-way delay: 68.331 ms
Loss rate: 0.27%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:55:12 +0000

End at: Thu, 29 Jun 2017 20:55:42 +0000

Local clock offset: 0.116 ms

Remote clock offset: -0.454 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:09:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.67 Mbit/s

95th percentile per-packet one-way delay: 68.181 ms

Loss rate: 0.56%

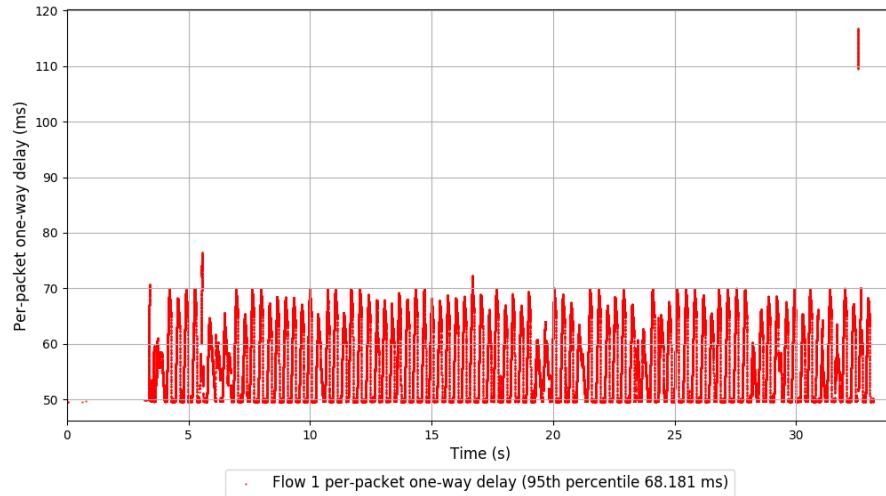
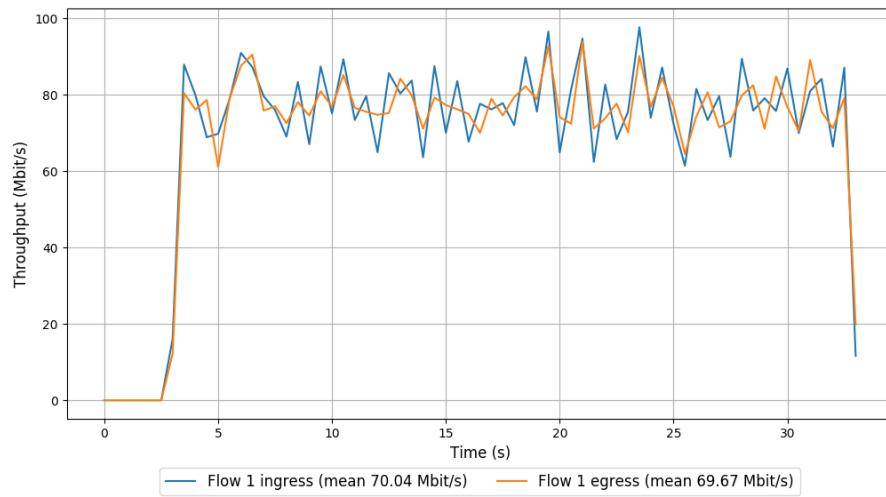
-- Flow 1:

Average throughput: 69.67 Mbit/s

95th percentile per-packet one-way delay: 68.181 ms

Loss rate: 0.56%

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



Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:14:54 +0000

End at: Thu, 29 Jun 2017 21:15:24 +0000

Local clock offset: 0.156 ms

Remote clock offset: -1.479 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:09:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.69 Mbit/s

95th percentile per-packet one-way delay: 67.806 ms

Loss rate: 0.80%

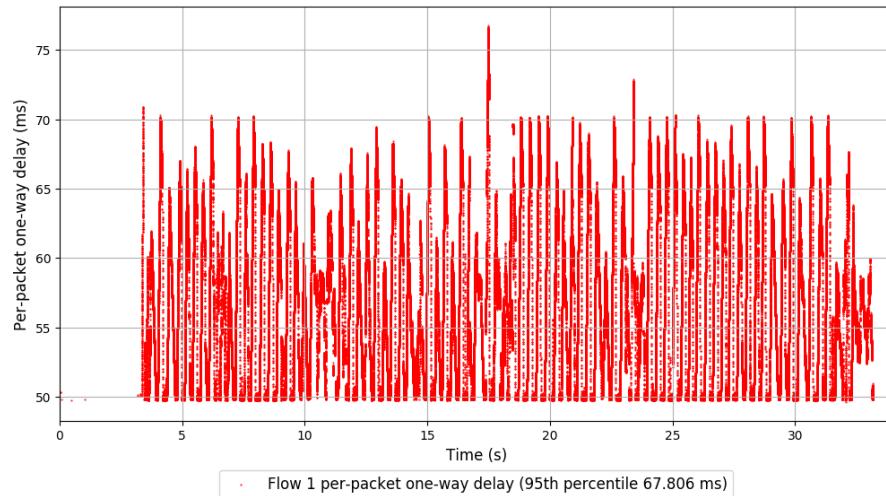
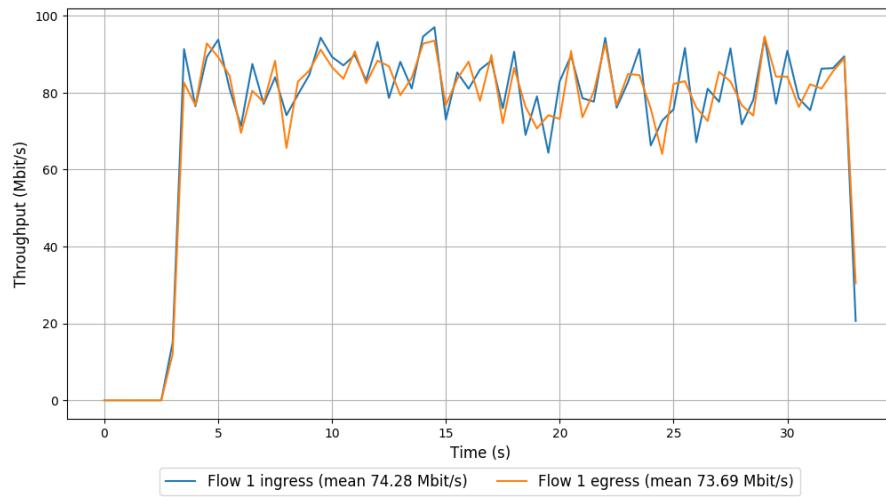
-- Flow 1:

Average throughput: 73.69 Mbit/s

95th percentile per-packet one-way delay: 67.806 ms

Loss rate: 0.80%

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

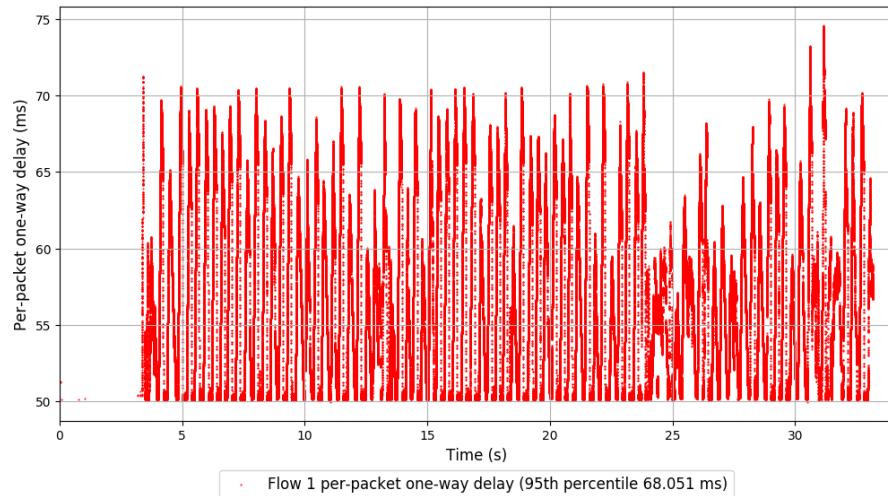
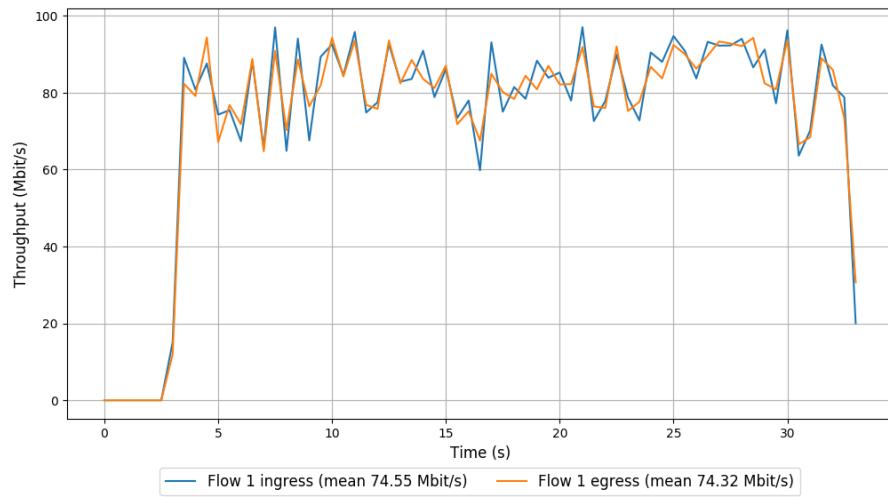


Run 9: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 21:34:39 +0000
End at: Thu, 29 Jun 2017 21:35:09 +0000
Local clock offset: 0.06 ms
Remote clock offset: -3.815 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.32 Mbit/s
95th percentile per-packet one-way delay: 68.051 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 74.32 Mbit/s
95th percentile per-packet one-way delay: 68.051 ms
Loss rate: 0.32%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:54:20 +0000

End at: Thu, 29 Jun 2017 21:54:50 +0000

Local clock offset: -0.022 ms

Remote clock offset: -1.763 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:09:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.48 Mbit/s

95th percentile per-packet one-way delay: 69.174 ms

Loss rate: 0.14%

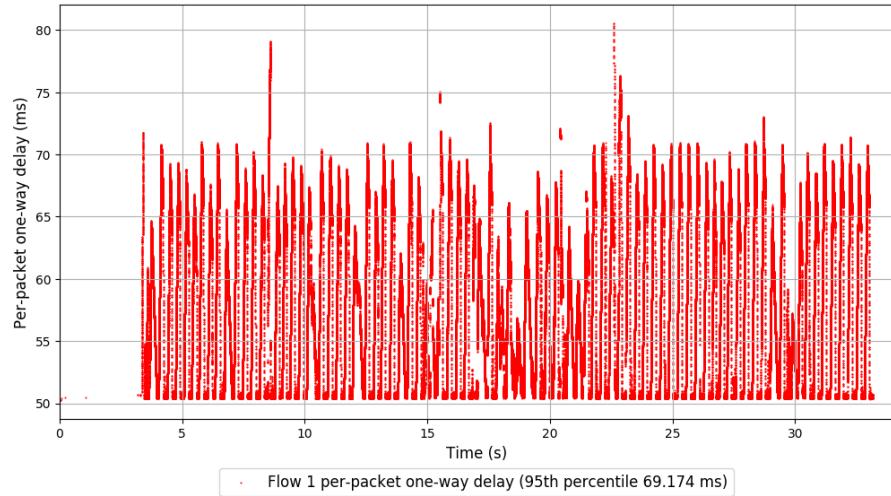
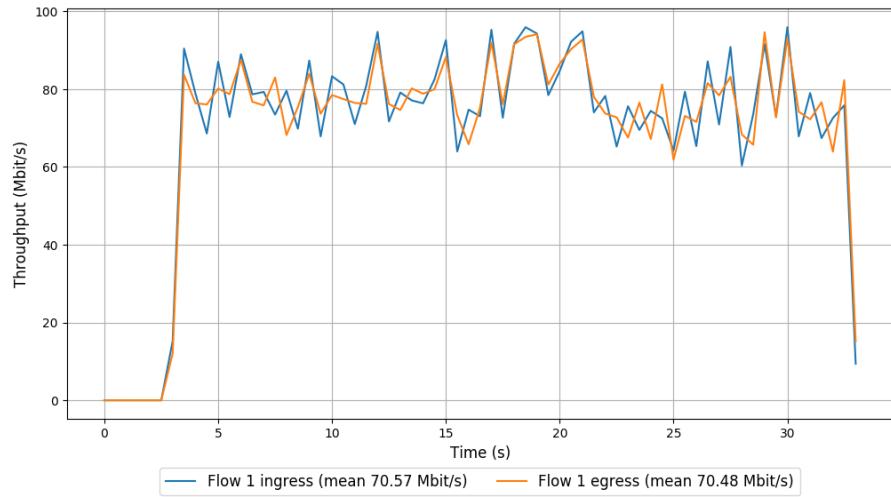
-- Flow 1:

Average throughput: 70.48 Mbit/s

95th percentile per-packet one-way delay: 69.174 ms

Loss rate: 0.14%

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

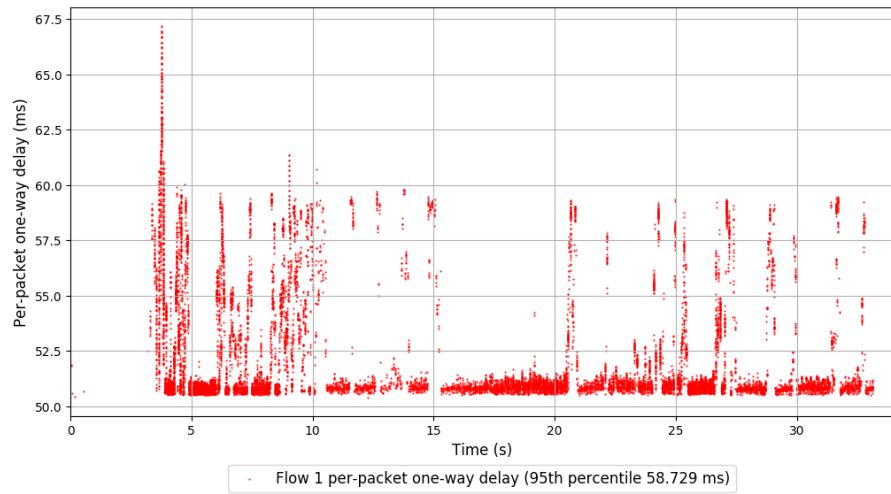
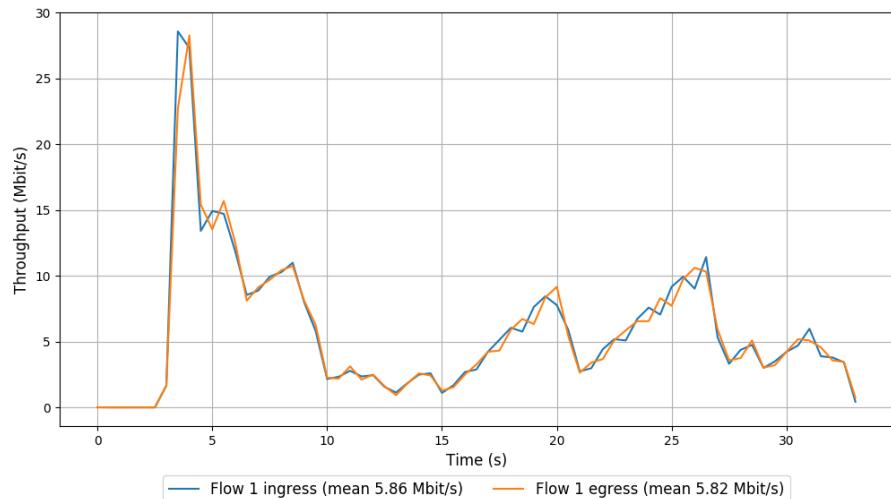


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:04:04 +0000
End at: Thu, 29 Jun 2017 19:04:34 +0000
Local clock offset: 0.424 ms
Remote clock offset: -0.96 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.82 Mbit/s
95th percentile per-packet one-way delay: 58.729 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 5.82 Mbit/s
95th percentile per-packet one-way delay: 58.729 ms
Loss rate: 0.80%
```

Run 1: Report of TCP Vegas — Data Link

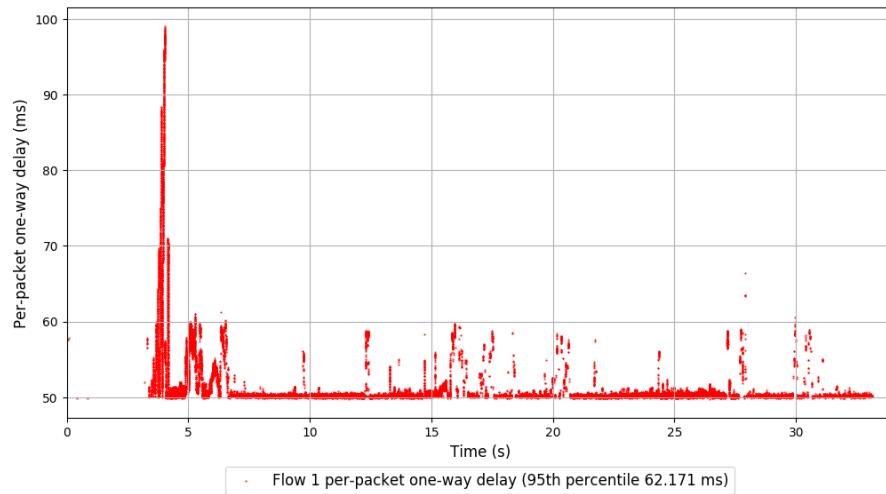
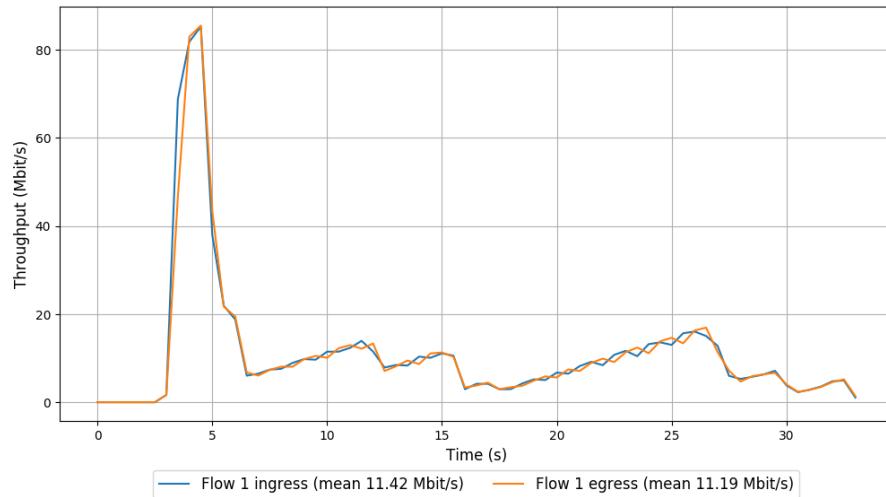


Run 2: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:23:40 +0000
End at: Thu, 29 Jun 2017 19:24:10 +0000
Local clock offset: 0.392 ms
Remote clock offset: -2.933 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 62.171 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 62.171 ms
Loss rate: 2.00%
```

Run 2: Report of TCP Vegas — Data Link

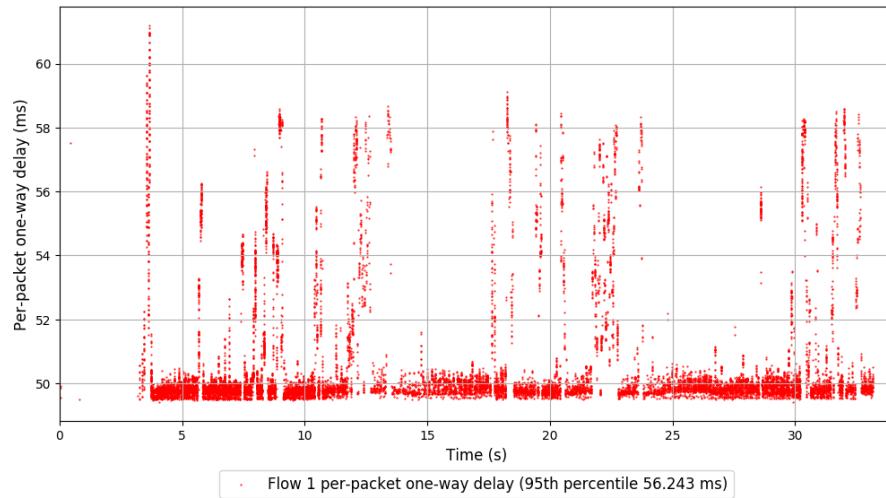
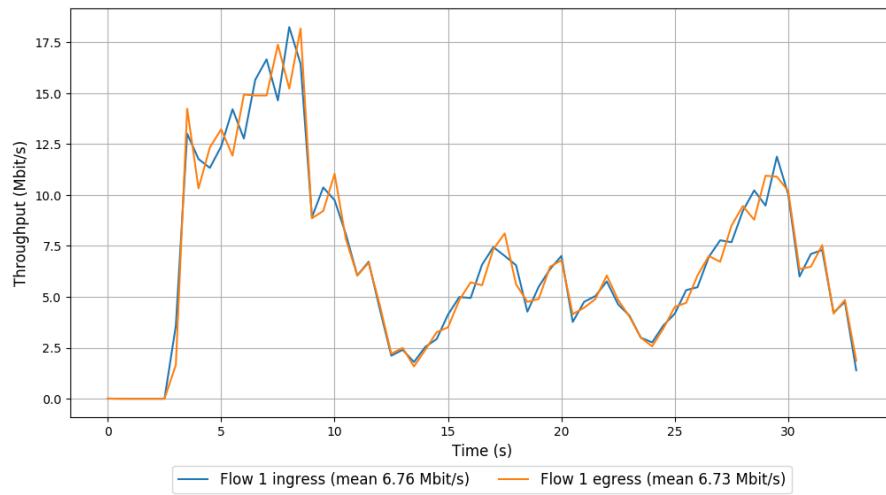


Run 3: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:43:15 +0000
End at: Thu, 29 Jun 2017 19:43:45 +0000
Local clock offset: 0.345 ms
Remote clock offset: -2.702 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 56.243 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 56.243 ms
Loss rate: 0.53%
```

Run 3: Report of TCP Vegas — Data Link

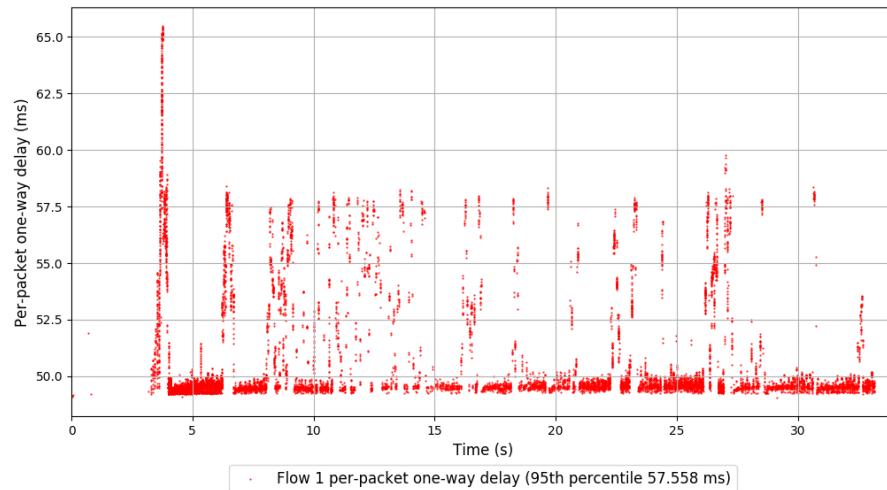
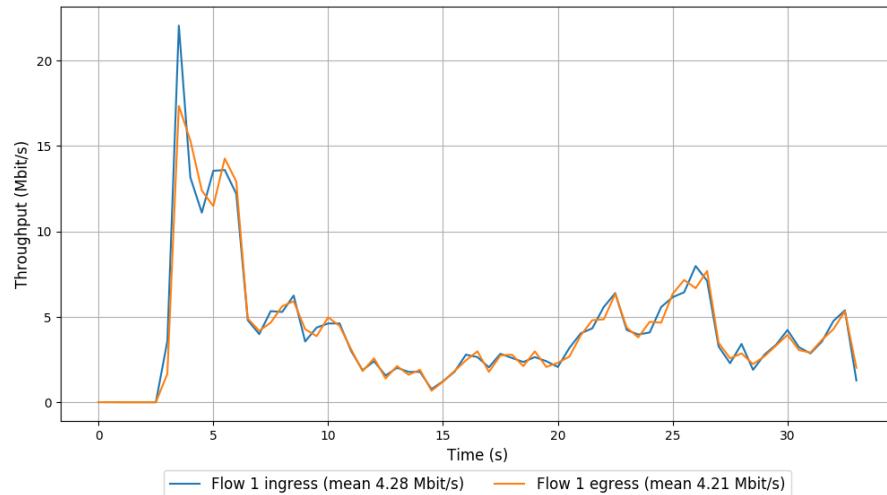


Run 4: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:02:50 +0000
End at: Thu, 29 Jun 2017 20:03:20 +0000
Local clock offset: 0.174 ms
Remote clock offset: -0.774 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:09:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 57.558 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 57.558 ms
Loss rate: 1.73%
```

Run 4: Report of TCP Vegas — Data Link

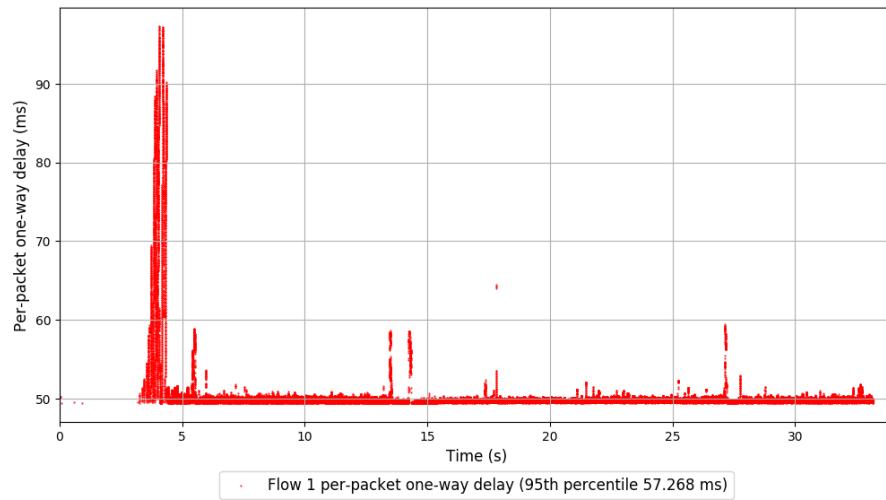
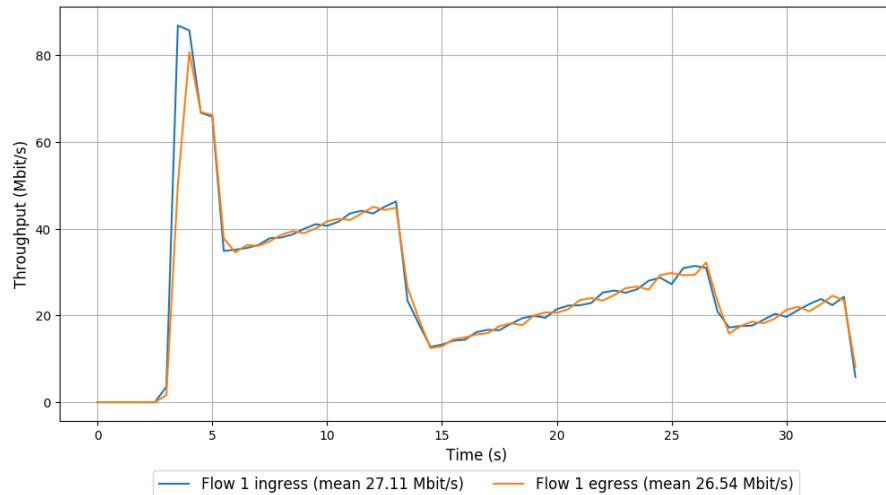


Run 5: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:22:28 +0000
End at: Thu, 29 Jun 2017 20:22:58 +0000
Local clock offset: 0.201 ms
Remote clock offset: -2.611 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 57.268 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 57.268 ms
Loss rate: 2.10%
```

Run 5: Report of TCP Vegas — Data Link

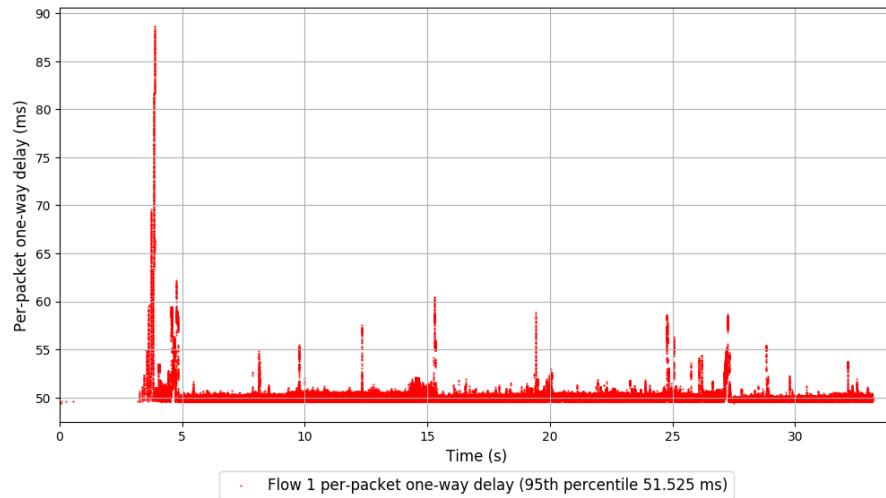
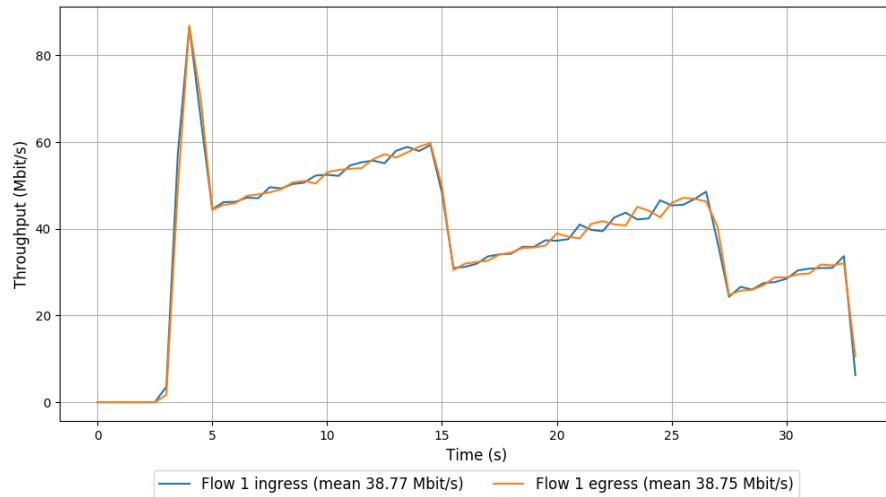


Run 6: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:42:09 +0000
End at: Thu, 29 Jun 2017 20:42:39 +0000
Local clock offset: 0.268 ms
Remote clock offset: -0.818 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 51.525 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 51.525 ms
Loss rate: 0.08%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:01:50 +0000

End at: Thu, 29 Jun 2017 21:02:20 +0000

Local clock offset: 0.181 ms

Remote clock offset: -0.888 ms

Below is generated by plot.py at Fri, 30 Jun 2017 02:10:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.32 Mbit/s

95th percentile per-packet one-way delay: 58.234 ms

Loss rate: 1.61%

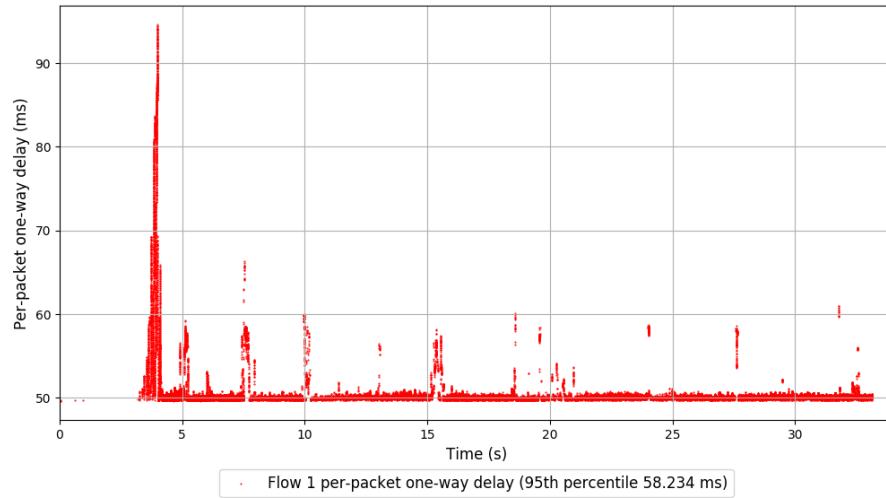
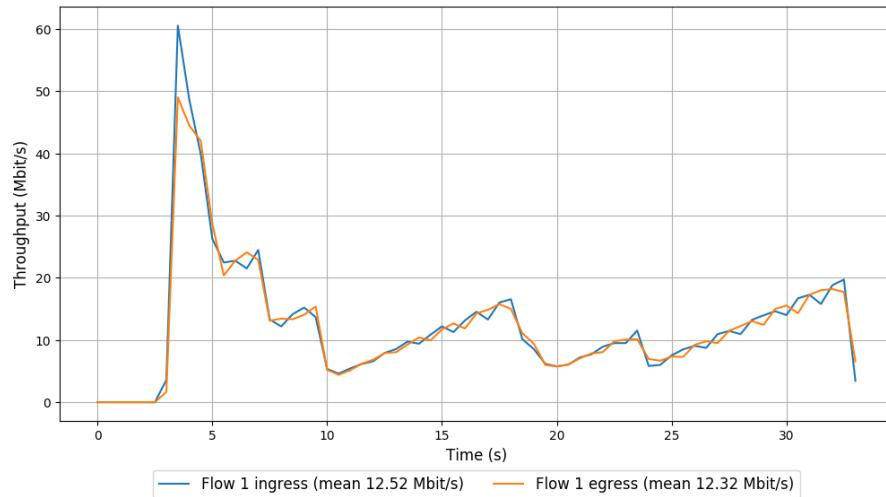
-- Flow 1:

Average throughput: 12.32 Mbit/s

95th percentile per-packet one-way delay: 58.234 ms

Loss rate: 1.61%

Run 7: Report of TCP Vegas — Data Link

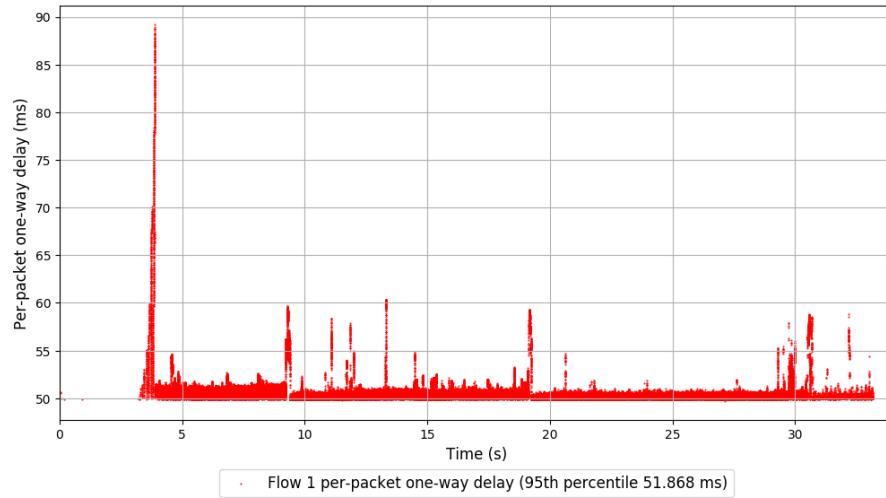
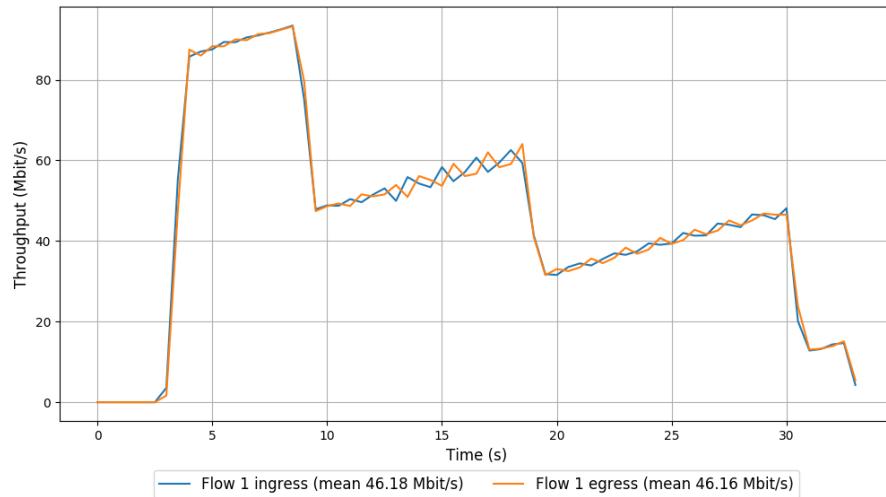


Run 8: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:21:32 +0000
End at: Thu, 29 Jun 2017 21:22:02 +0000
Local clock offset: 0.074 ms
Remote clock offset: -0.689 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 51.868 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 51.868 ms
Loss rate: 0.05%
```

Run 8: Report of TCP Vegas — Data Link

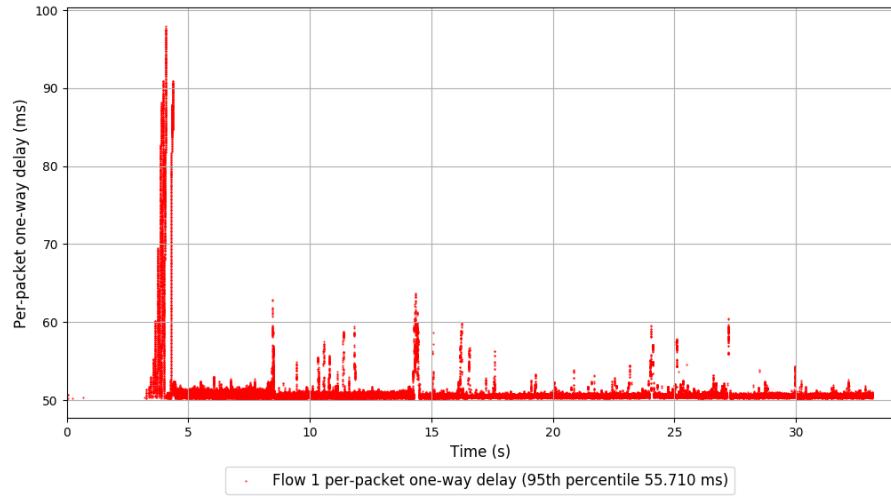
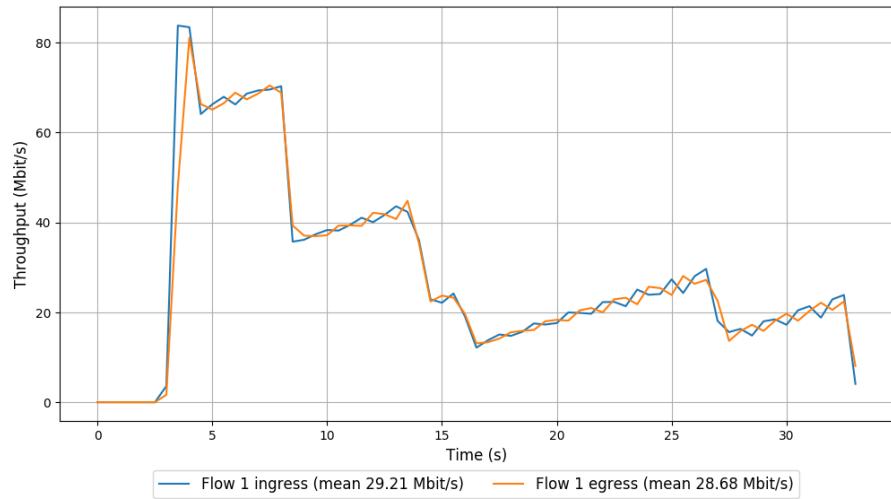


Run 9: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:41:17 +0000
End at: Thu, 29 Jun 2017 21:41:47 +0000
Local clock offset: 0.132 ms
Remote clock offset: -1.203 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 55.710 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 55.710 ms
Loss rate: 1.80%
```

Run 9: Report of TCP Vegas — Data Link

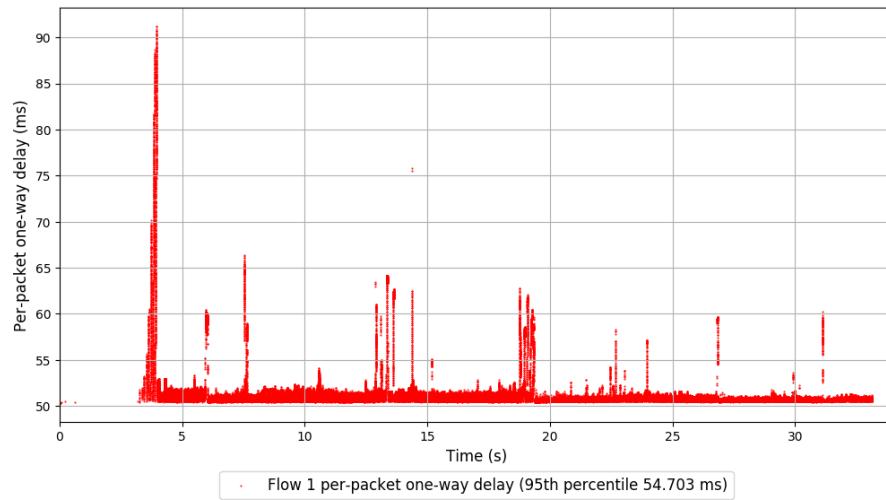
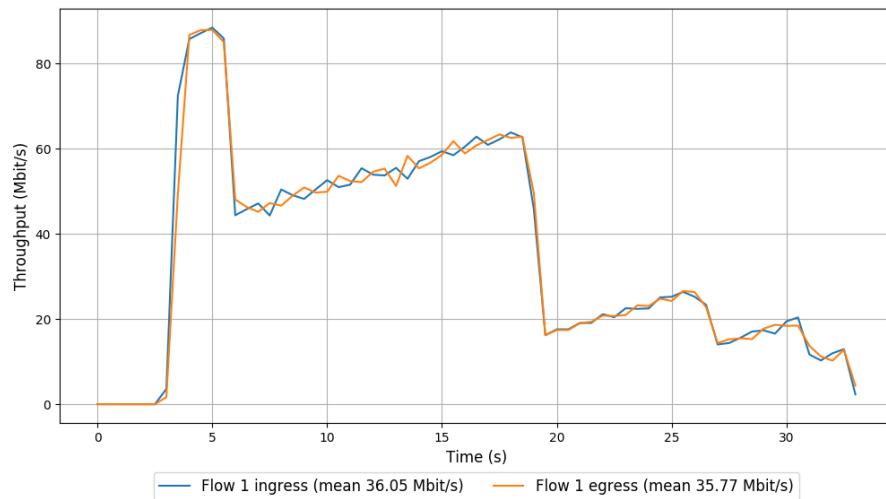


Run 10: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 22:00:55 +0000
End at: Thu, 29 Jun 2017 22:01:25 +0000
Local clock offset: 0.051 ms
Remote clock offset: -3.867 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 54.703 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 54.703 ms
Loss rate: 0.79%
```

Run 10: Report of TCP Vegas — Data Link

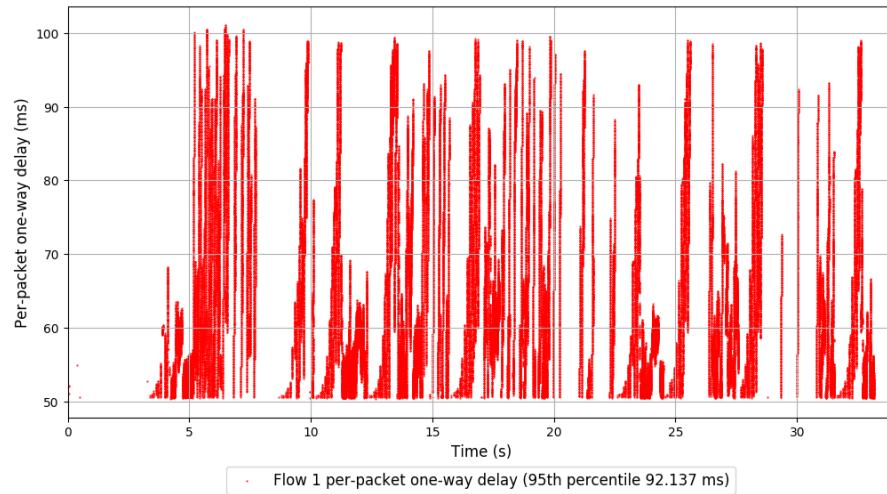
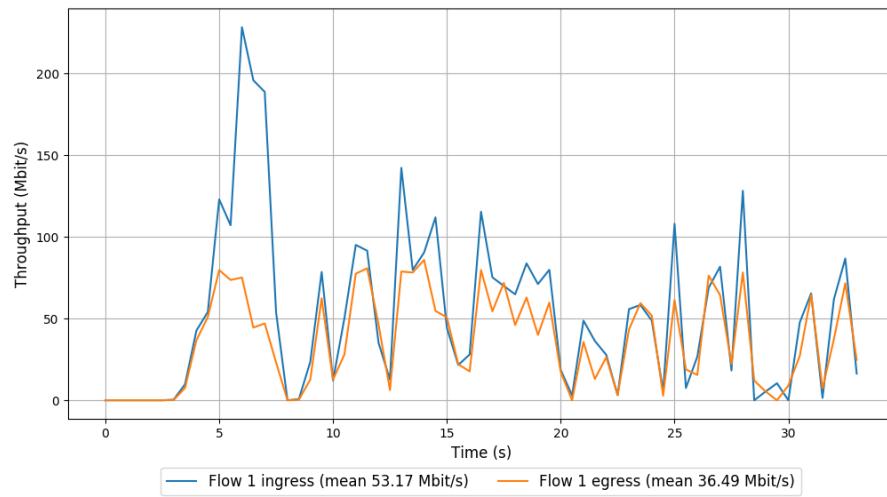


Run 1: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:05:20 +0000
End at: Thu, 29 Jun 2017 19:05:50 +0000
Local clock offset: 0.508 ms
Remote clock offset: -3.804 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 92.137 ms
Loss rate: 31.38%
-- Flow 1:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 92.137 ms
Loss rate: 31.38%
```

Run 1: Report of Verus — Data Link

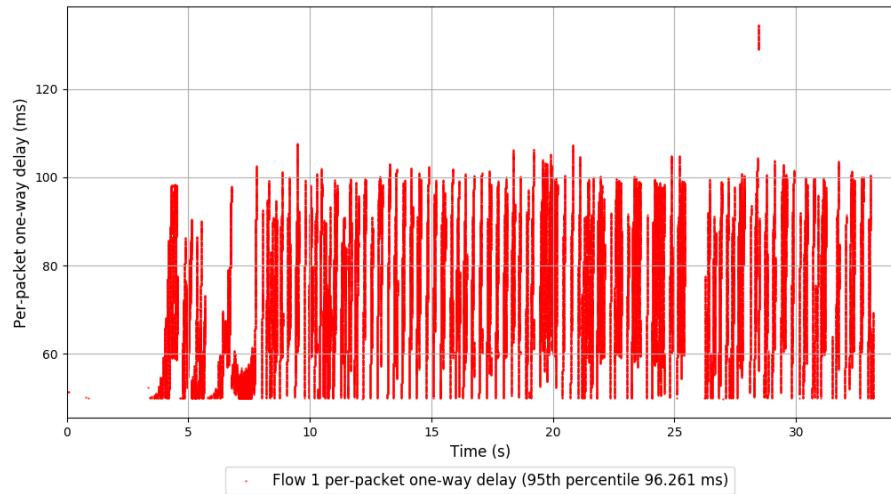
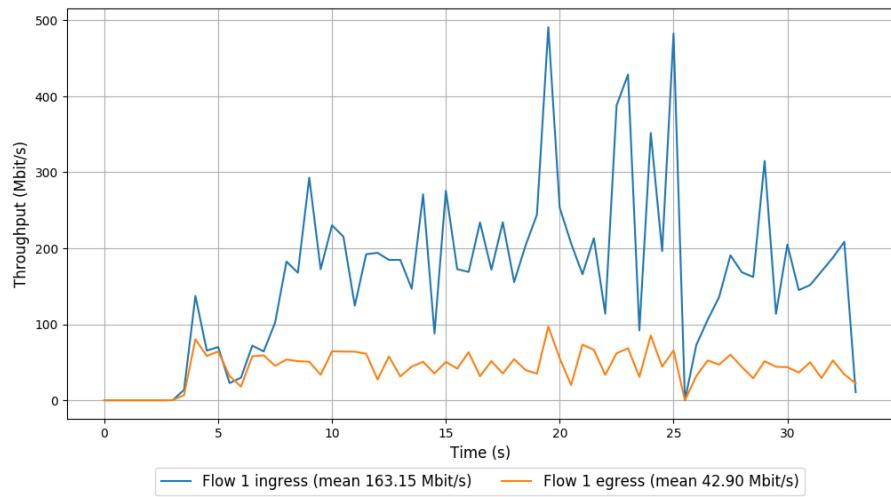


Run 2: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:24:57 +0000
End at: Thu, 29 Jun 2017 19:25:28 +0000
Local clock offset: 0.398 ms
Remote clock offset: -3.057 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.90 Mbit/s
95th percentile per-packet one-way delay: 96.261 ms
Loss rate: 73.69%
-- Flow 1:
Average throughput: 42.90 Mbit/s
95th percentile per-packet one-way delay: 96.261 ms
Loss rate: 73.69%
```

Run 2: Report of Verus — Data Link

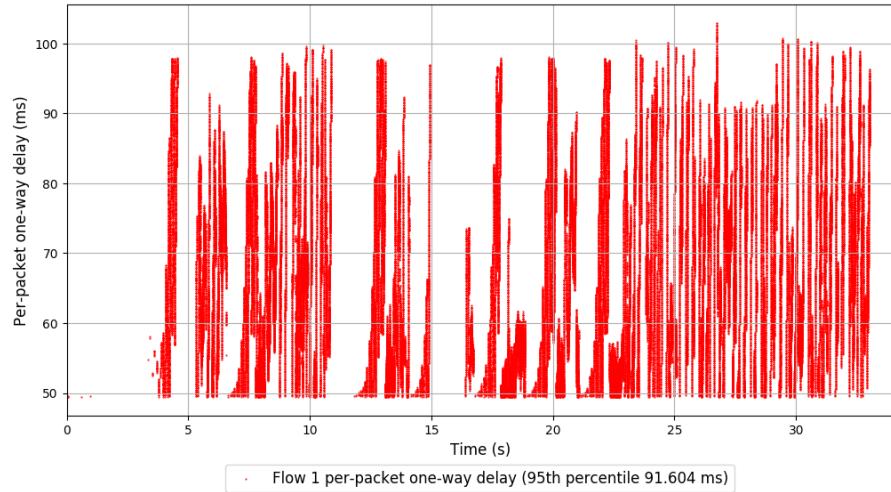
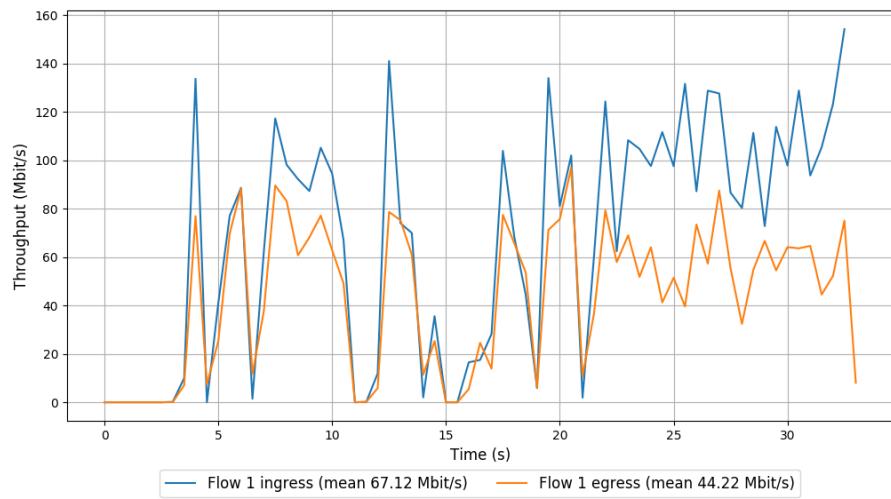


Run 3: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:44:32 +0000
End at: Thu, 29 Jun 2017 19:45:02 +0000
Local clock offset: 0.265 ms
Remote clock offset: -2.615 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 91.604 ms
Loss rate: 34.02%
-- Flow 1:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 91.604 ms
Loss rate: 34.02%
```

Run 3: Report of Verus — Data Link

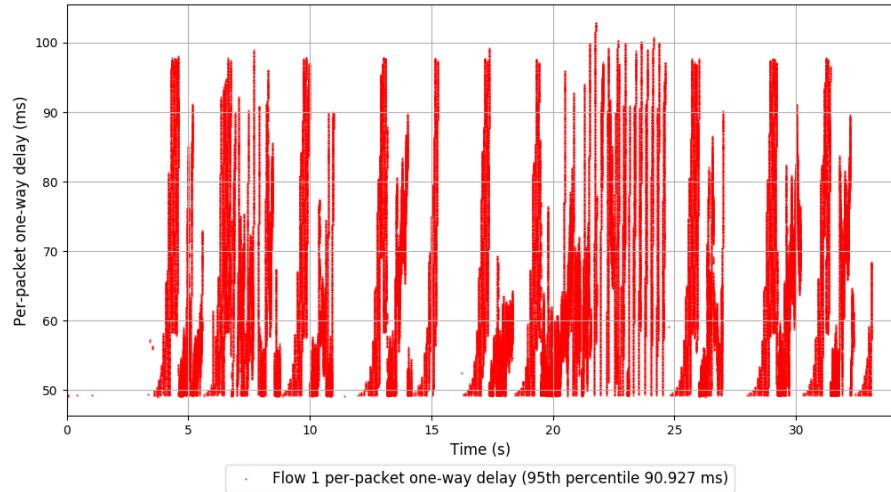
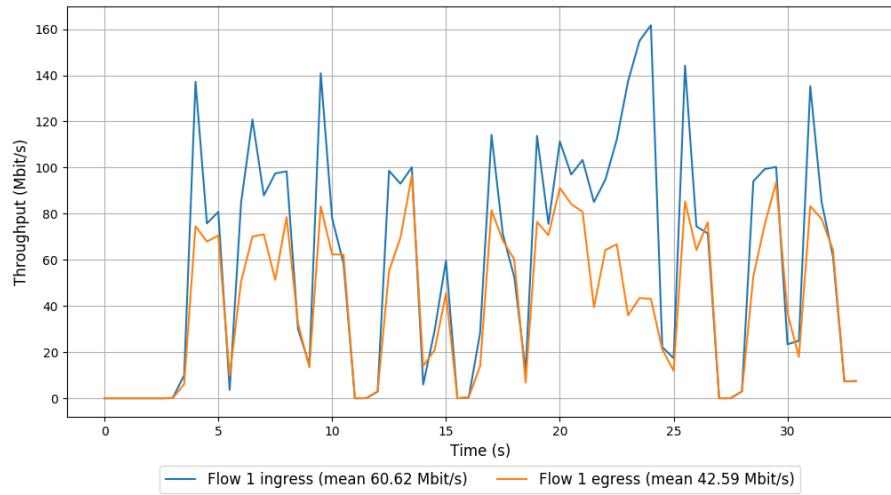


Run 4: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:04:06 +0000
End at: Thu, 29 Jun 2017 20:04:36 +0000
Local clock offset: 0.25 ms
Remote clock offset: -0.385 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.59 Mbit/s
95th percentile per-packet one-way delay: 90.927 ms
Loss rate: 29.70%
-- Flow 1:
Average throughput: 42.59 Mbit/s
95th percentile per-packet one-way delay: 90.927 ms
Loss rate: 29.70%
```

Run 4: Report of Verus — Data Link

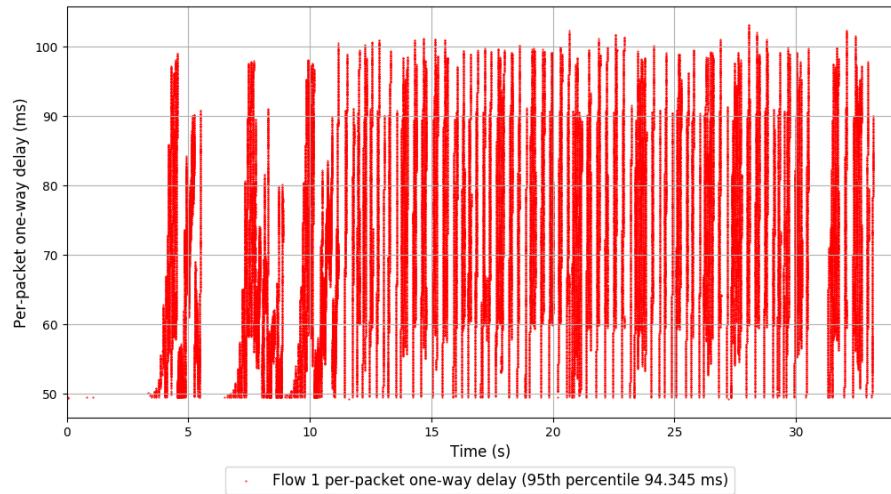
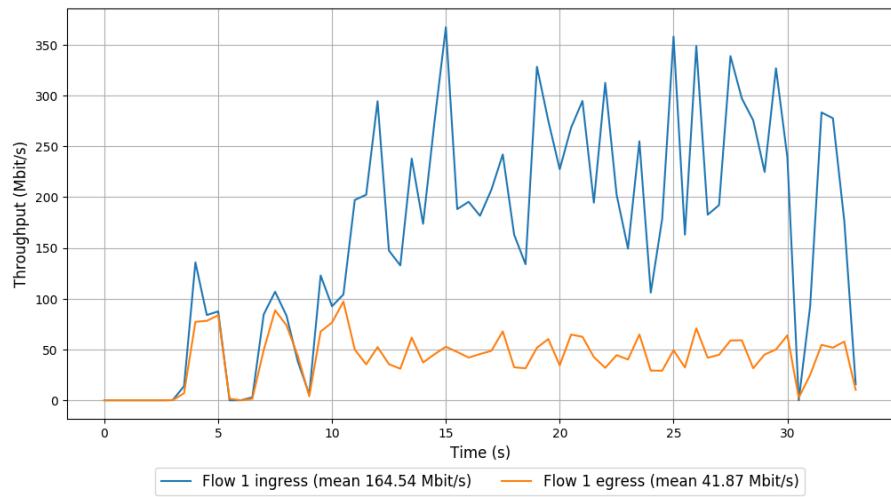


Run 5: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:23:46 +0000
End at: Thu, 29 Jun 2017 20:24:16 +0000
Local clock offset: 0.193 ms
Remote clock offset: -1.026 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.87 Mbit/s
95th percentile per-packet one-way delay: 94.345 ms
Loss rate: 74.52%
-- Flow 1:
Average throughput: 41.87 Mbit/s
95th percentile per-packet one-way delay: 94.345 ms
Loss rate: 74.52%
```

Run 5: Report of Verus — Data Link

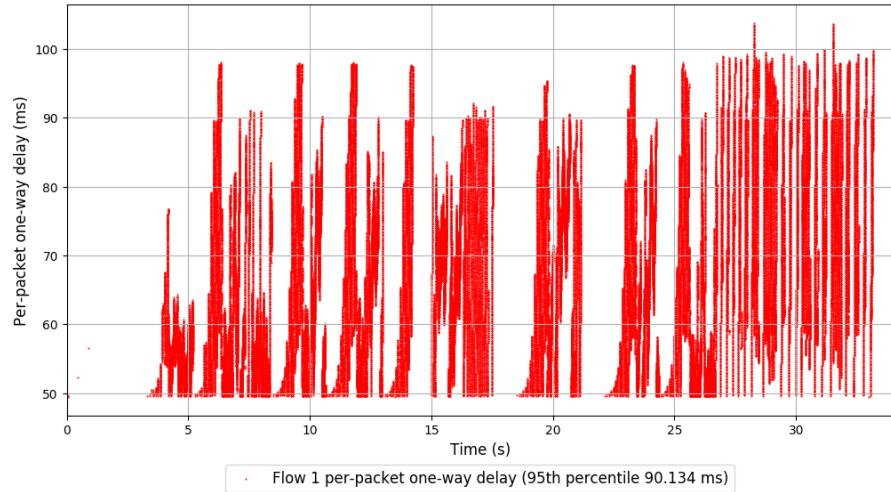
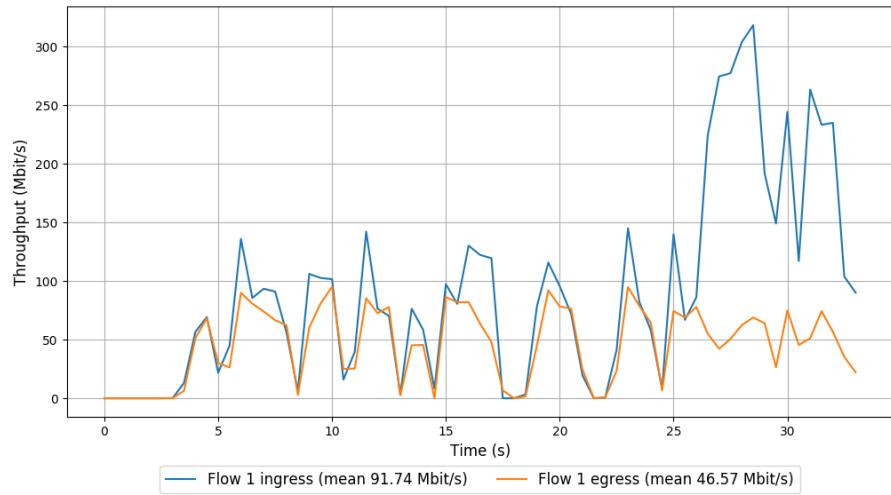


Run 6: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:43:27 +0000
End at: Thu, 29 Jun 2017 20:43:57 +0000
Local clock offset: 0.204 ms
Remote clock offset: -2.779 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 90.134 ms
Loss rate: 49.16%
-- Flow 1:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 90.134 ms
Loss rate: 49.16%
```

Run 6: Report of Verus — Data Link

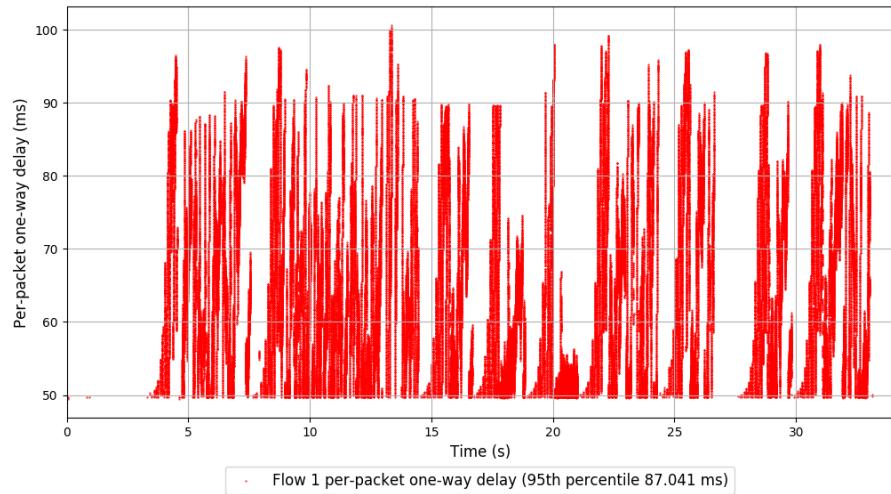
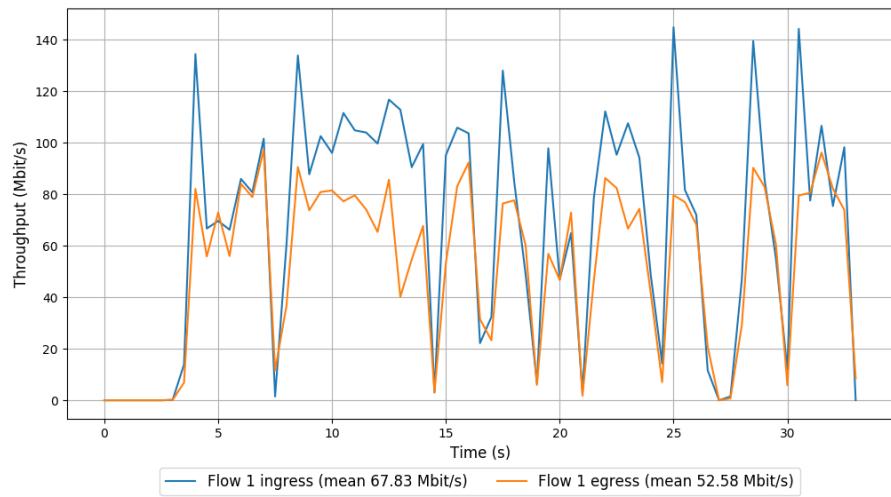


Run 7: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:03:06 +0000
End at: Thu, 29 Jun 2017 21:03:36 +0000
Local clock offset: 0.092 ms
Remote clock offset: -0.978 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 22.47%
-- Flow 1:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 22.47%
```

Run 7: Report of Verus — Data Link

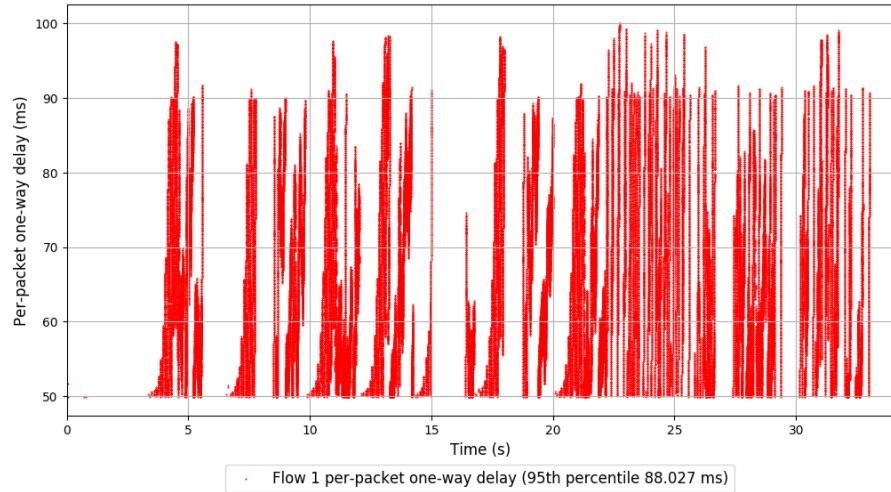
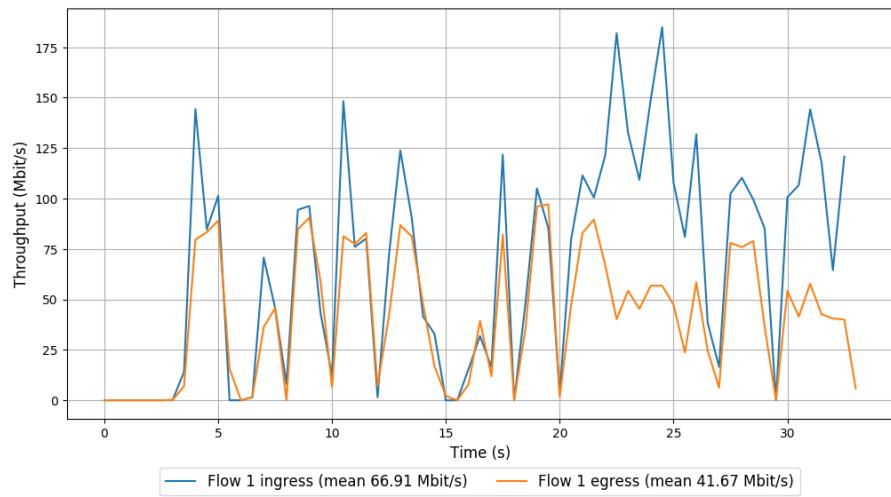


Run 8: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:22:51 +0000
End at: Thu, 29 Jun 2017 21:23:21 +0000
Local clock offset: 0.159 ms
Remote clock offset: -3.177 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 88.027 ms
Loss rate: 37.68%
-- Flow 1:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 88.027 ms
Loss rate: 37.68%
```

Run 8: Report of Verus — Data Link

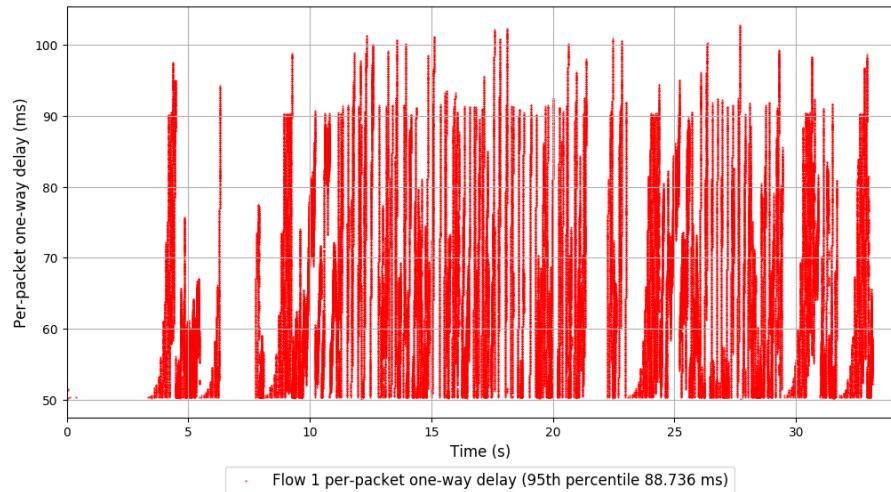
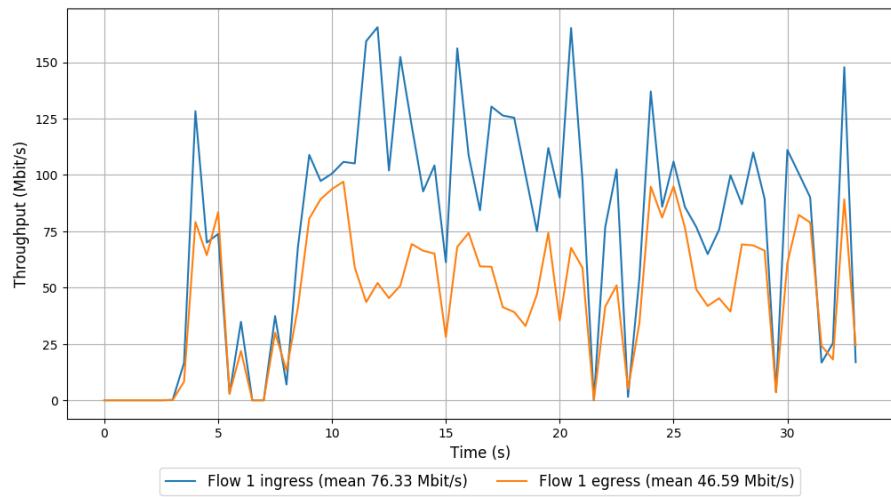


Run 9: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:42:35 +0000
End at: Thu, 29 Jun 2017 21:43:05 +0000
Local clock offset: 0.022 ms
Remote clock offset: -3.614 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 88.736 ms
Loss rate: 38.97%
-- Flow 1:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 88.736 ms
Loss rate: 38.97%
```

Run 9: Report of Verus — Data Link

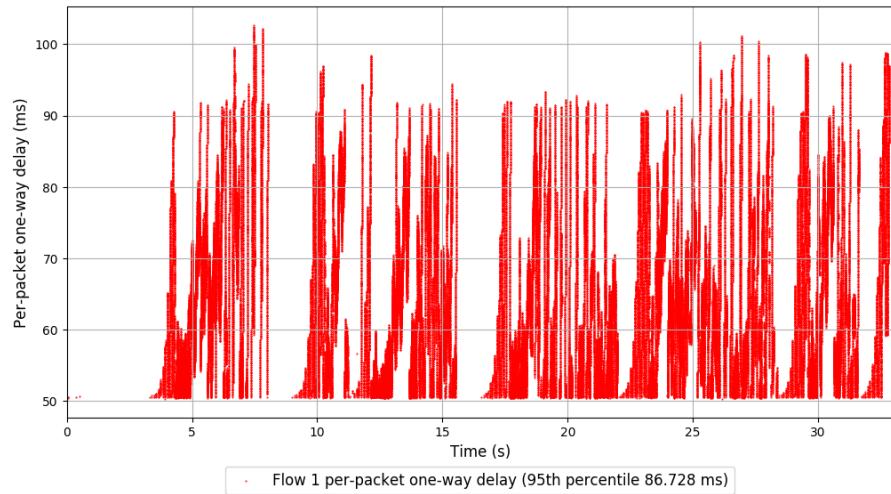
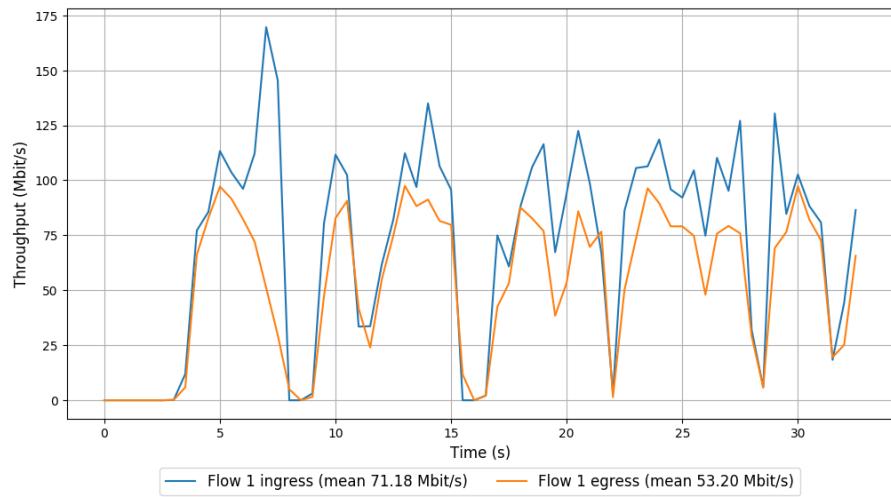


Run 10: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 22:02:13 +0000
End at: Thu, 29 Jun 2017 22:02:43 +0000
Local clock offset: -0.023 ms
Remote clock offset: -3.844 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 86.728 ms
Loss rate: 25.17%
-- Flow 1:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 86.728 ms
Loss rate: 25.17%
```

Run 10: Report of Verus — Data Link

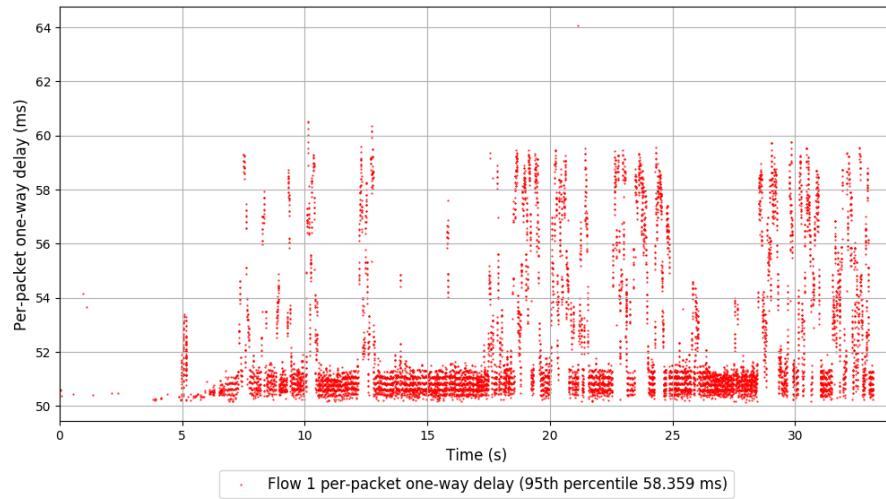
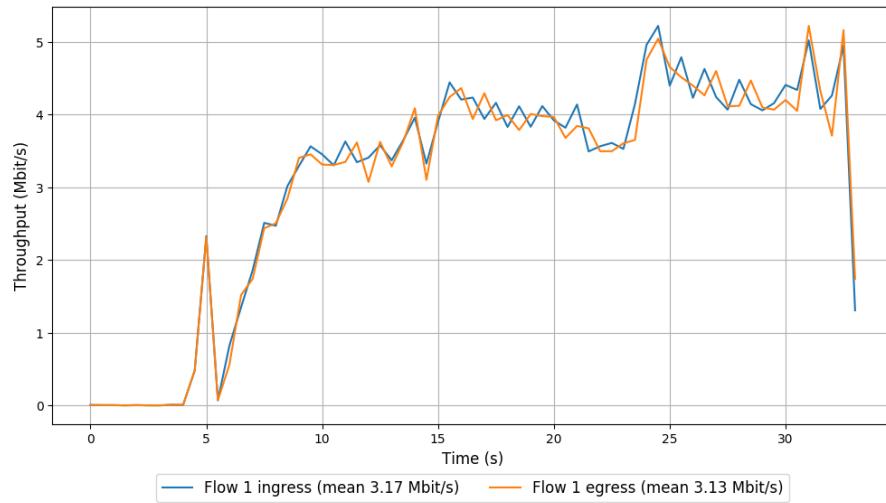


```
Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:09:18 +0000
End at: Thu, 29 Jun 2017 19:09:48 +0000
Local clock offset: 0.511 ms
Remote clock offset: -3.438 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 58.359 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 58.359 ms
Loss rate: 1.07%
```

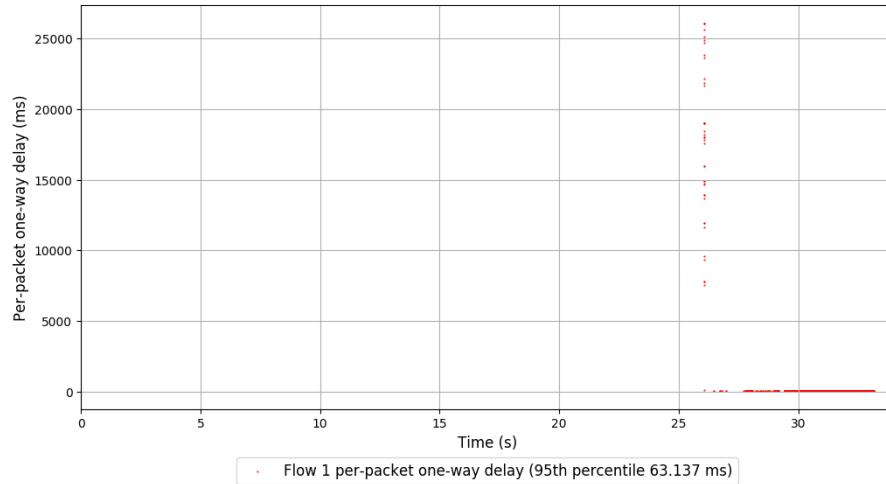
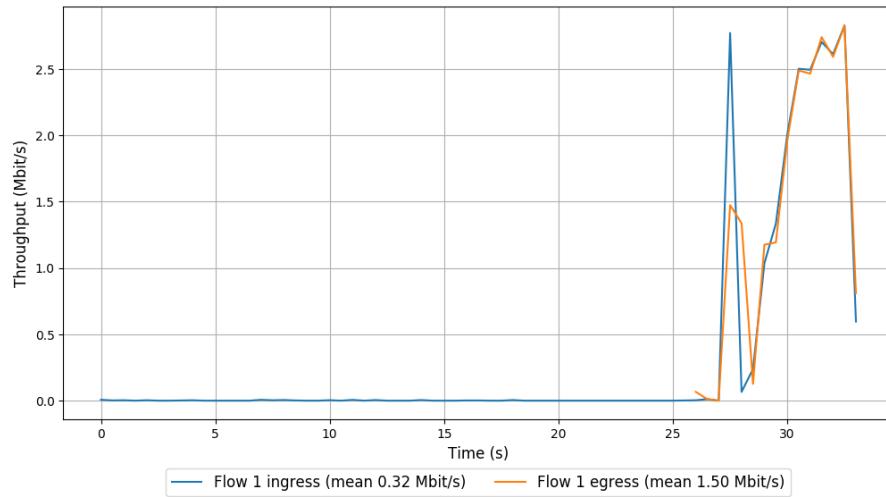
Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:28:59 +0000
End at: Thu, 29 Jun 2017 19:29:29 +0000
Local clock offset: 0.289 ms
Remote clock offset: -0.724 ms

Run 2: Report of WebRTC media — Data Link

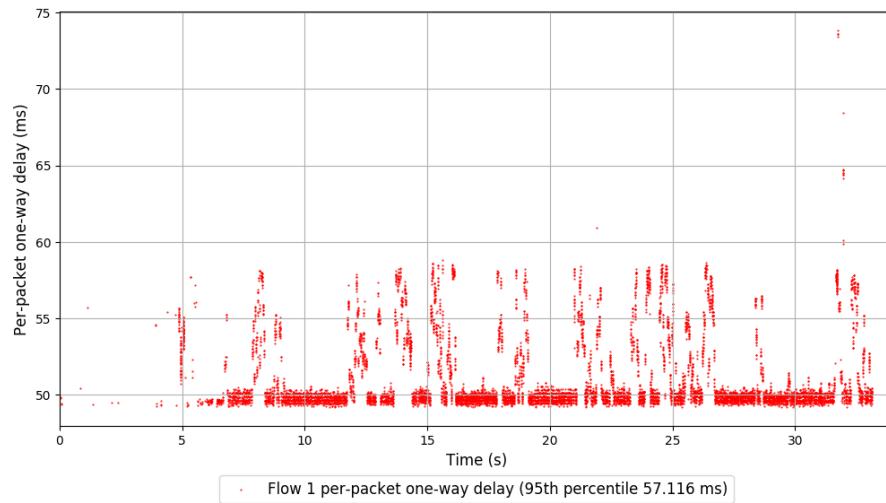
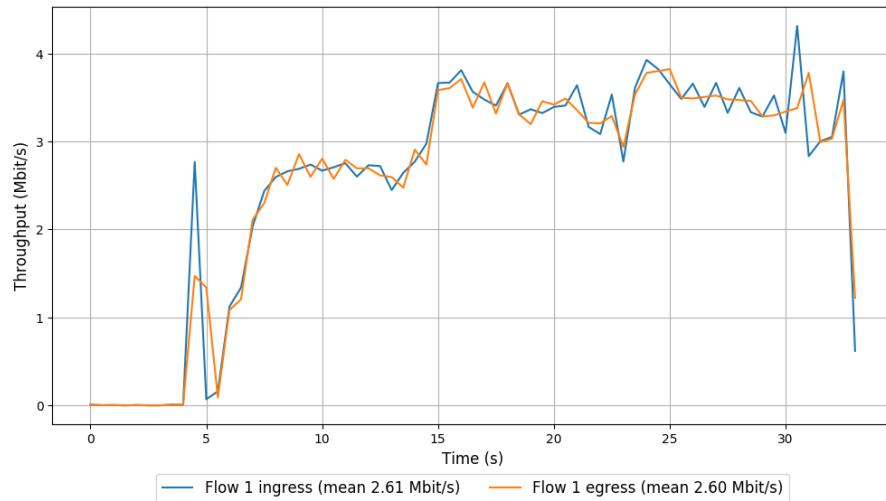


```
Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:48:32 +0000
End at: Thu, 29 Jun 2017 19:49:02 +0000
Local clock offset: 0.331 ms
Remote clock offset: -0.14 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:10:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 57.116 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 57.116 ms
Loss rate: 0.44%
```

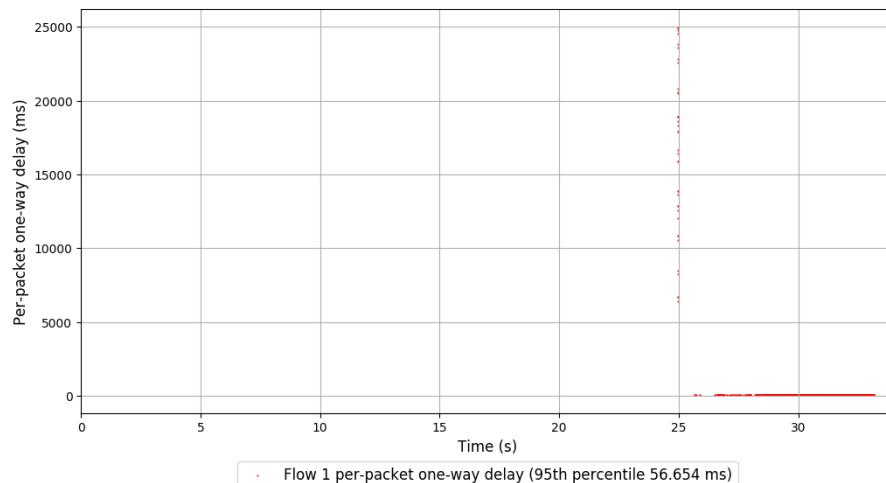
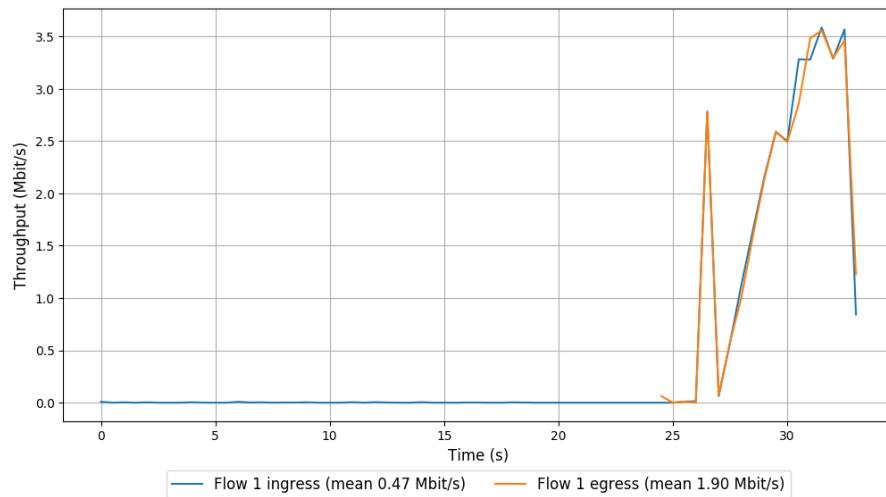
Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:08:05 +0000
End at: Thu, 29 Jun 2017 20:08:35 +0000
Local clock offset: 0.238 ms
Remote clock offset: -0.887 ms

Run 4: Report of WebRTC media — Data Link

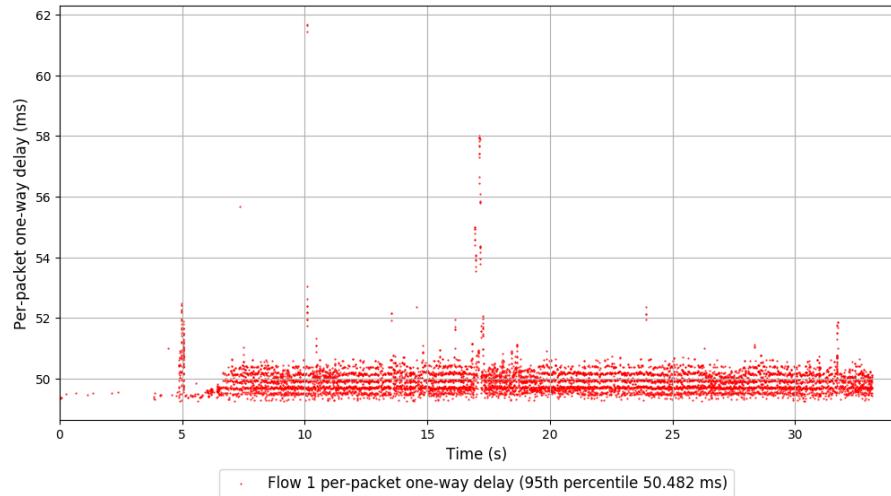
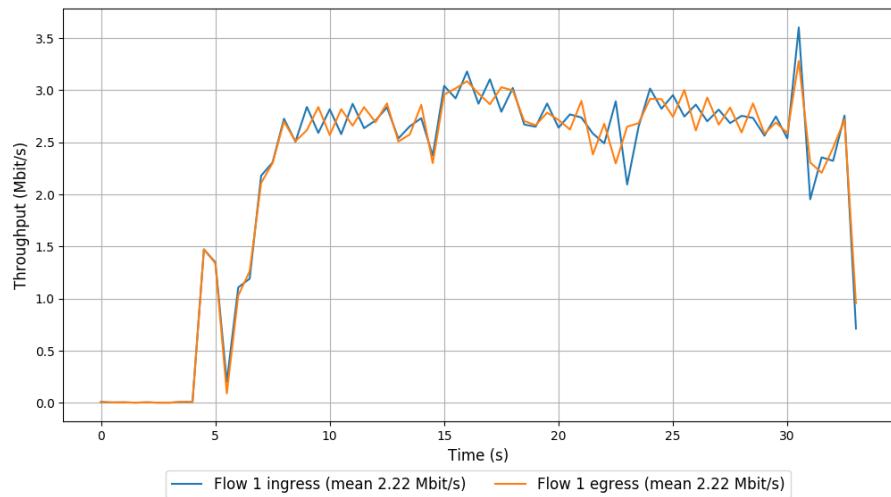


```
Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:27:47 +0000
End at: Thu, 29 Jun 2017 20:28:17 +0000
Local clock offset: 0.214 ms
Remote clock offset: -0.651 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 50.482 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 50.482 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

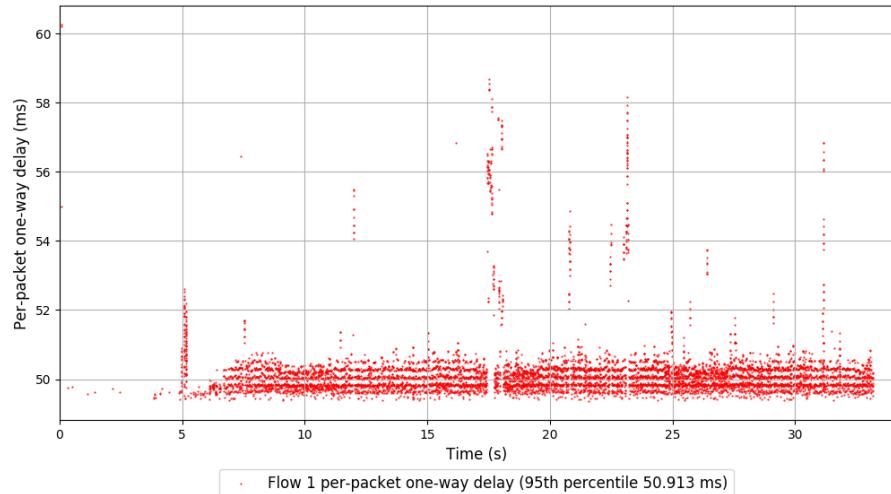
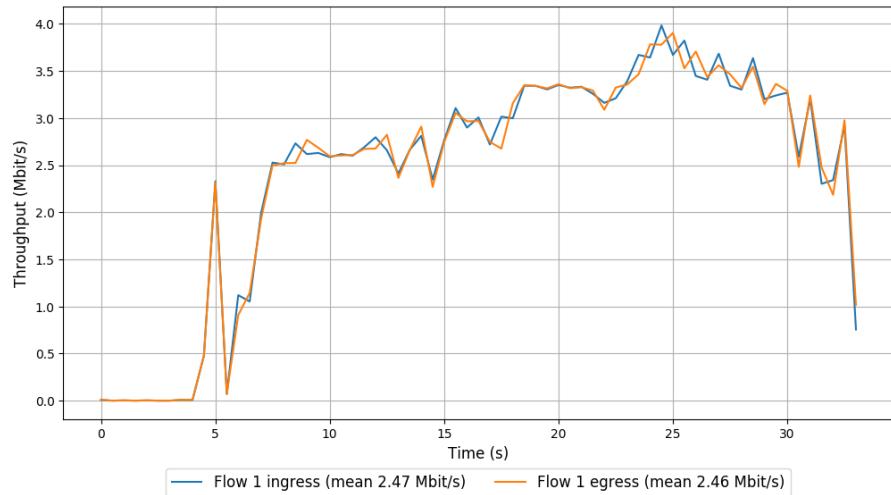


```
Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:47:27 +0000
End at: Thu, 29 Jun 2017 20:47:57 +0000
Local clock offset: 0.151 ms
Remote clock offset: -1.242 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 50.913 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 50.913 ms
Loss rate: 0.07%
```

Run 6: Report of WebRTC media — Data Link

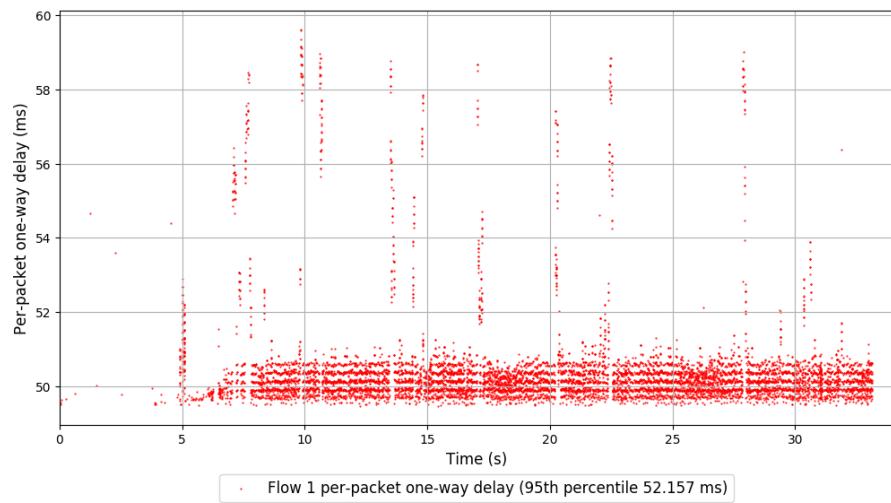
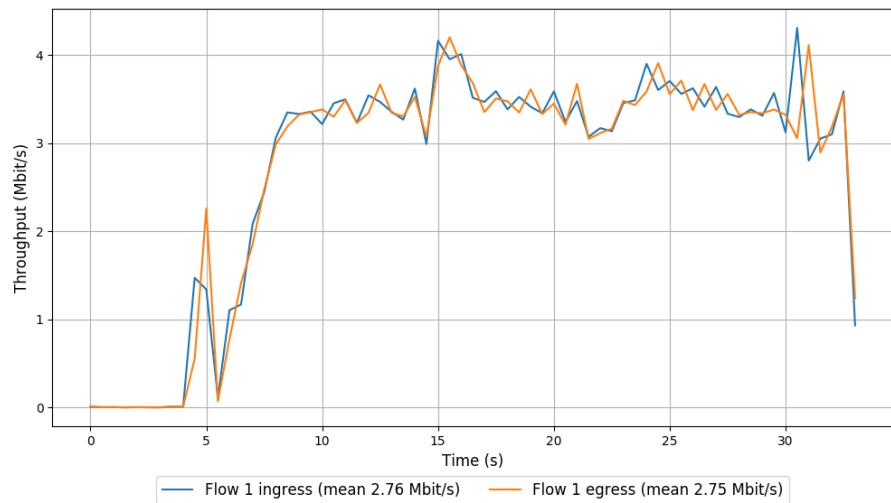


Run 7: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 21:07:07 +0000
End at: Thu, 29 Jun 2017 21:07:37 +0000
Local clock offset: 0.087 ms
Remote clock offset: -3.311 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 52.157 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 52.157 ms
Loss rate: 0.25%
```

Run 7: Report of WebRTC media — Data Link

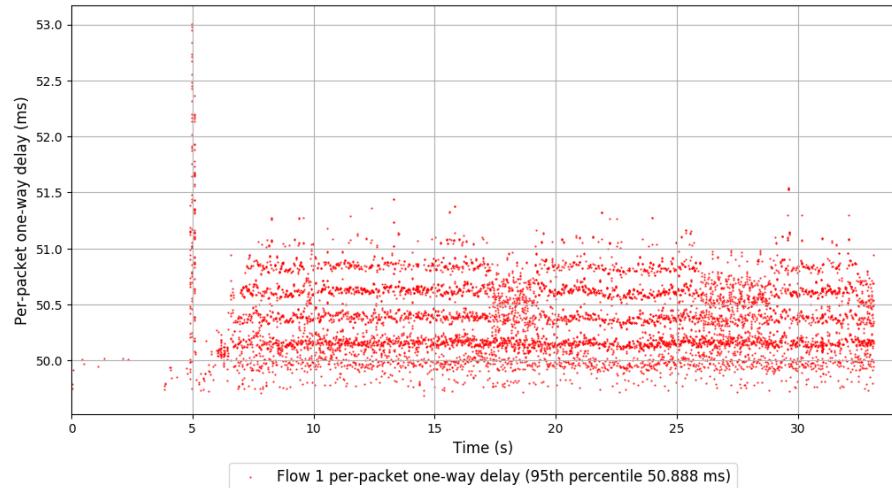
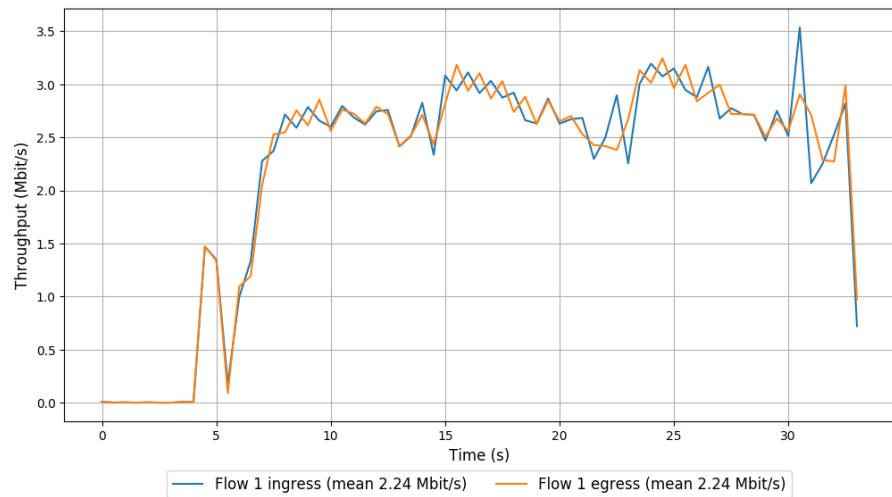


```
Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:26:52 +0000
End at: Thu, 29 Jun 2017 21:27:22 +0000
Local clock offset: 0.08 ms
Remote clock offset: -1.16 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.888 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.888 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

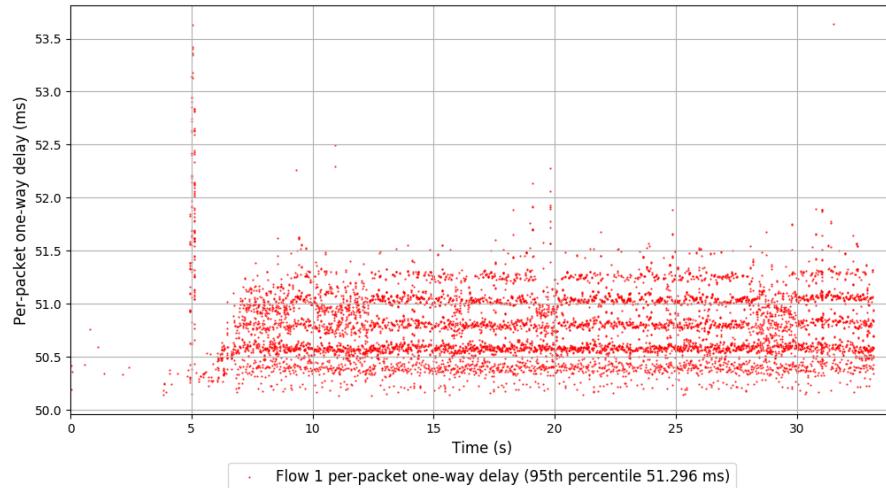
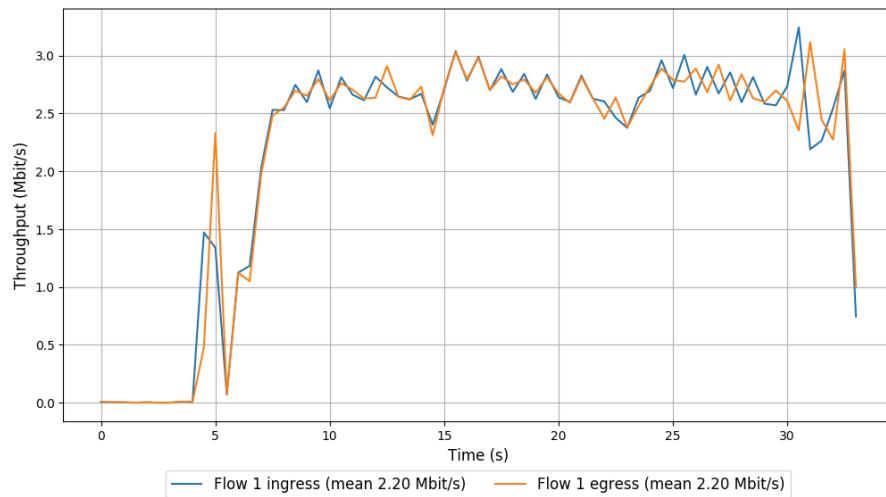


```
Run 9: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:46:34 +0000
End at: Thu, 29 Jun 2017 21:47:04 +0000
Local clock offset: 0.005 ms
Remote clock offset: -1.507 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 51.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 51.296 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: Thu, 29 Jun 2017 22:06:13 +0000
```

```
End at: Thu, 29 Jun 2017 22:06:43 +0000
```

```
Local clock offset: 0.076 ms
```

```
Remote clock offset: -1.849 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 02:11:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 51.438 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 1:
```

```
Average throughput: 2.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 51.438 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

