

Pantheon Summary (Generated at Tue, 20 Jun 2017 05:29:09 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

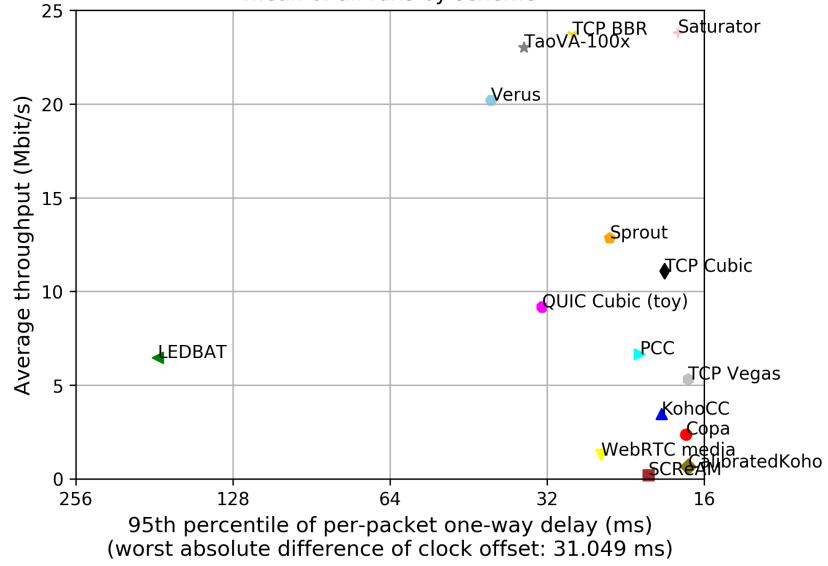
Each test lasted for 30 seconds running 1 flow.

Data path **from** India Ethernet **to** AWS India 1 Ethernet.

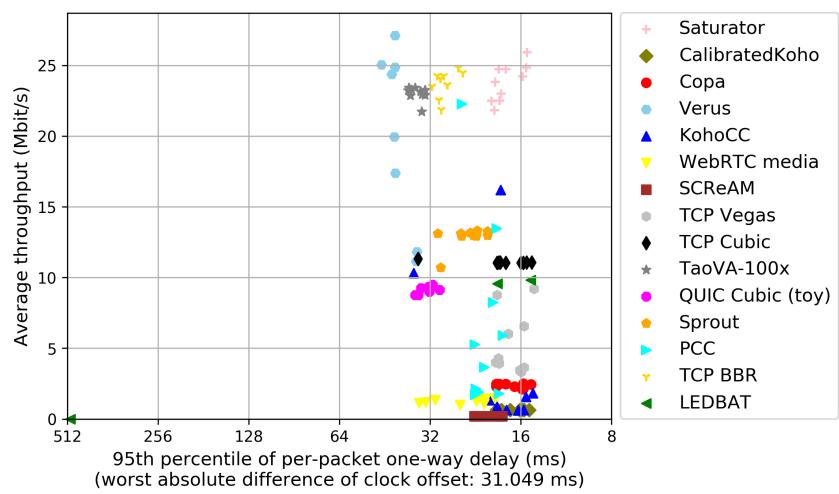
NTP offset measured against nets.org.sg.

```
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
```

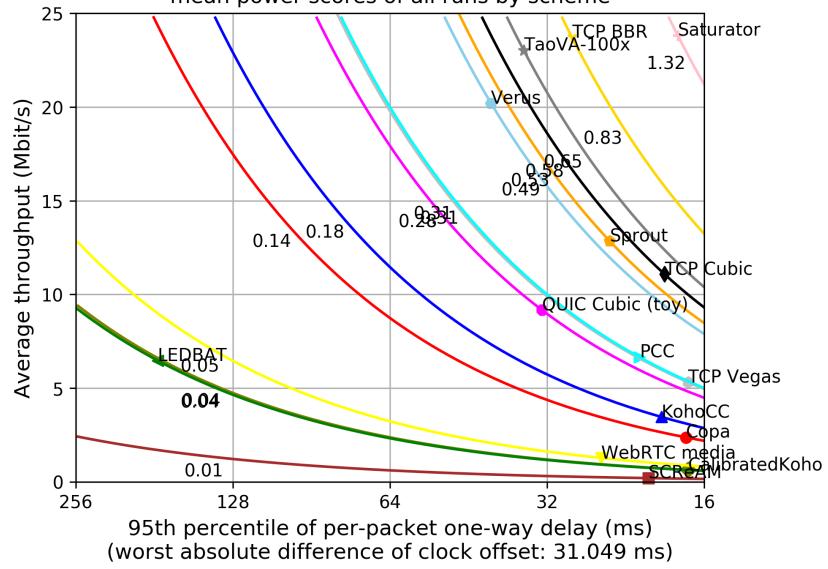
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme



test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean power scores of all runs by scheme



```
Run 1: Statistics of TCP BBR
```

```
Start at: Tue, 20 Jun 2017 00:12:39 +0000
```

```
End at: Tue, 20 Jun 2017 00:13:09 +0000
```

```
Local clock offset: 6.9 ms
```

```
Remote clock offset: -16.708 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:00 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 24.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.584 ms
```

```
Loss rate: 10.34%
```

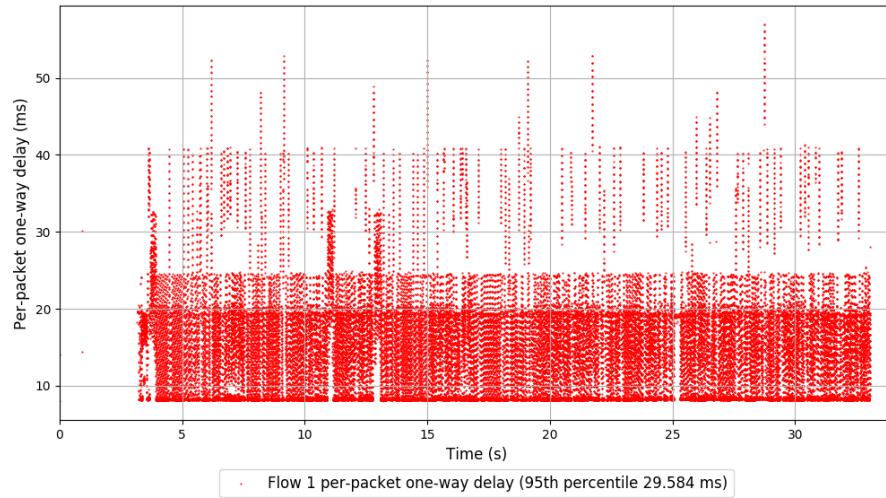
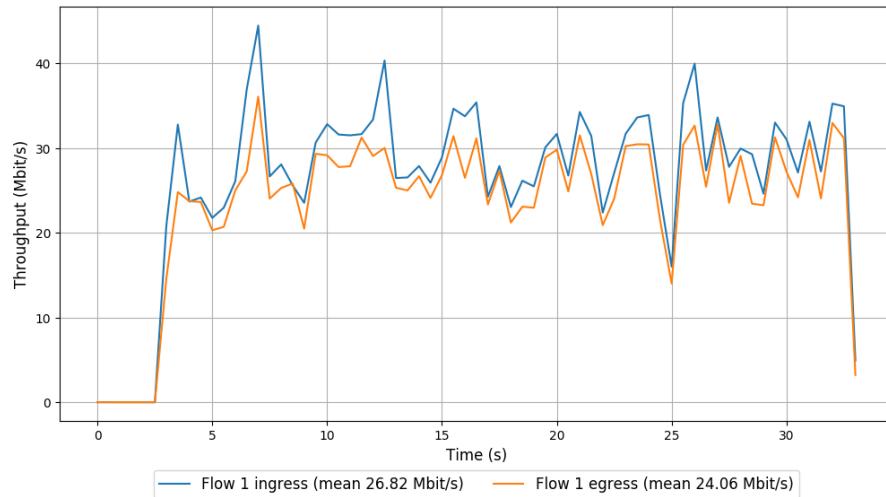
```
-- Flow 1:
```

```
Average throughput: 24.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.584 ms
```

```
Loss rate: 10.34%
```

Run 1: Report of TCP BBR — Data Link

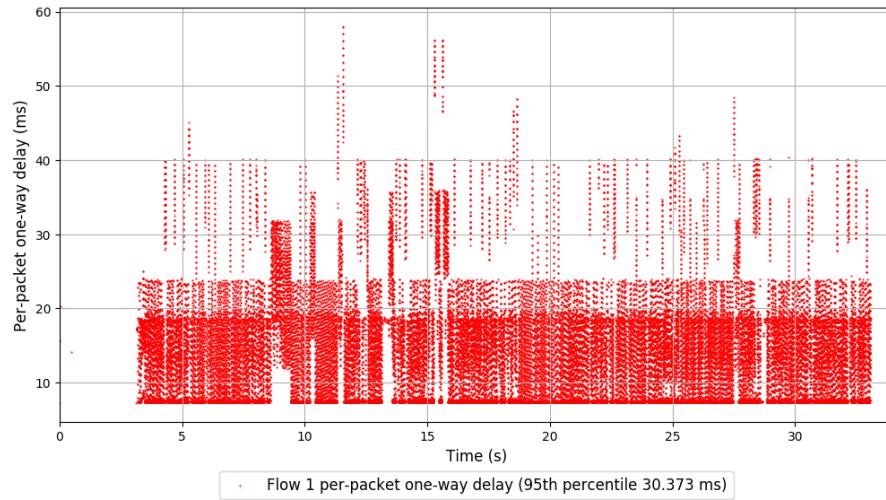
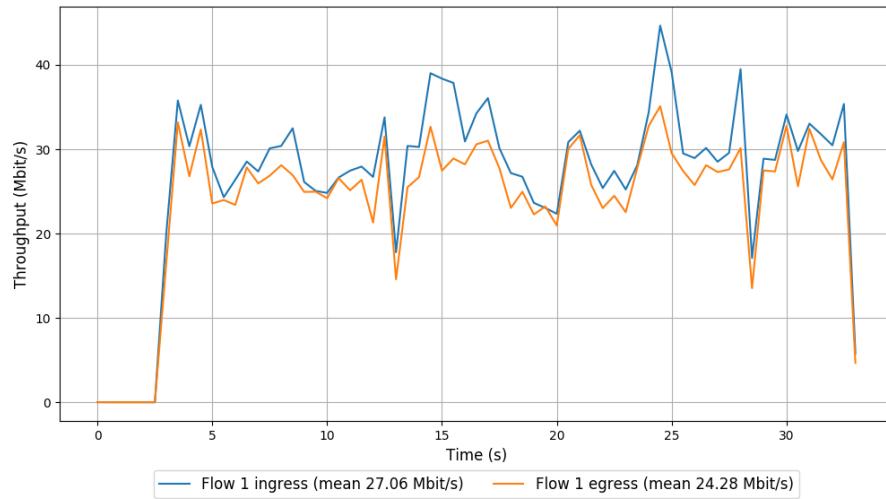


Run 2: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:30:38 +0000
End at: Tue, 20 Jun 2017 00:31:08 +0000
Local clock offset: 4.969 ms
Remote clock offset: -17.896 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 30.373 ms
Loss rate: 10.34%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 30.373 ms
Loss rate: 10.34%
```

Run 2: Report of TCP BBR — Data Link

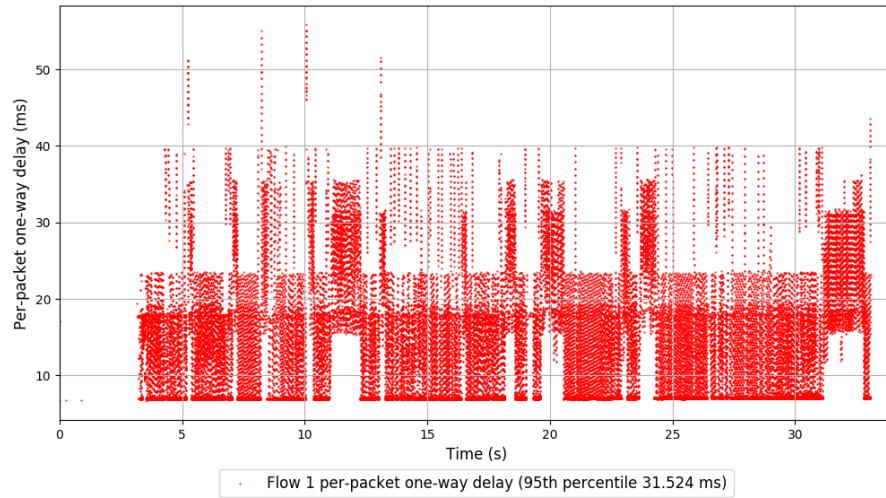
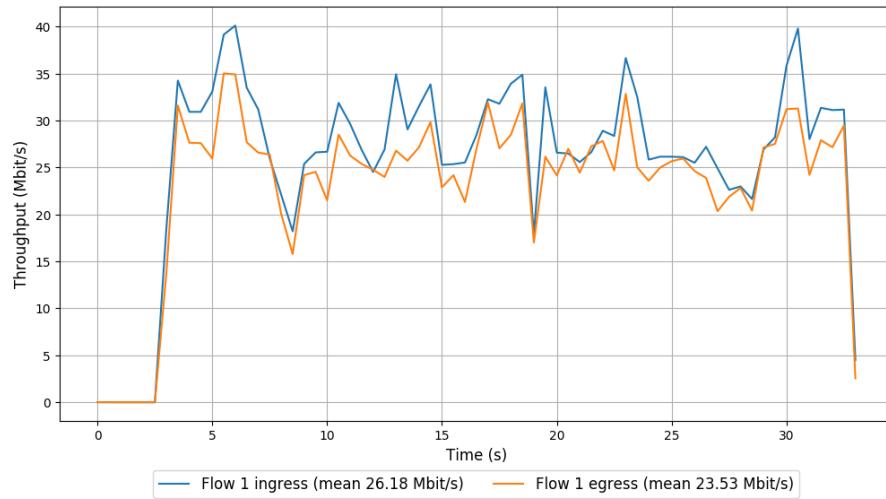


Run 3: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 00:48:34 +0000
End at: Tue, 20 Jun 2017 00:49:04 +0000
Local clock offset: 6.741 ms
Remote clock offset: -19.313 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 31.524 ms
Loss rate: 10.23%
-- Flow 1:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 31.524 ms
Loss rate: 10.23%
```

Run 3: Report of TCP BBR — Data Link

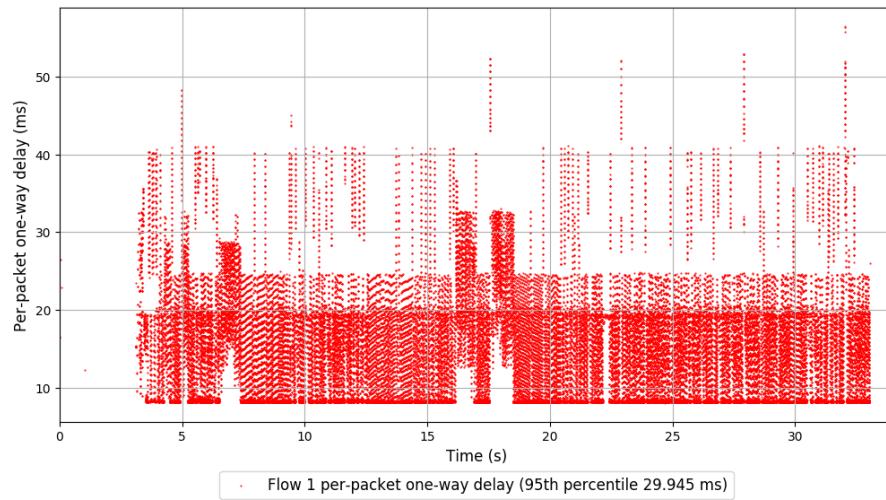
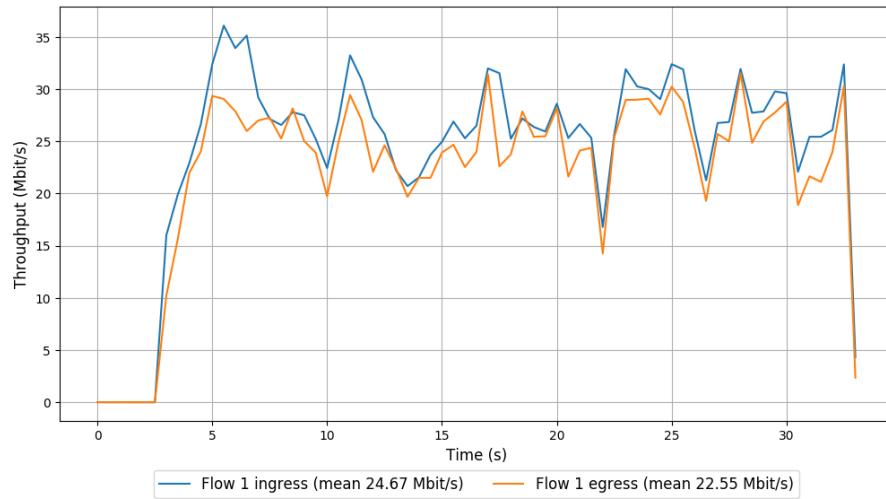


Run 4: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:06:21 +0000
End at: Tue, 20 Jun 2017 01:06:51 +0000
Local clock offset: 3.896 ms
Remote clock offset: -22.134 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 29.945 ms
Loss rate: 8.66%
-- Flow 1:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 29.945 ms
Loss rate: 8.66%
```

Run 4: Report of TCP BBR — Data Link

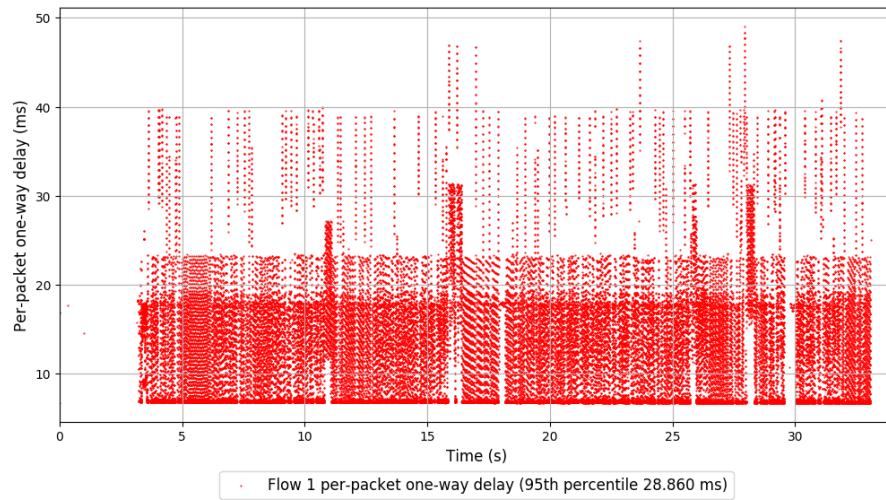
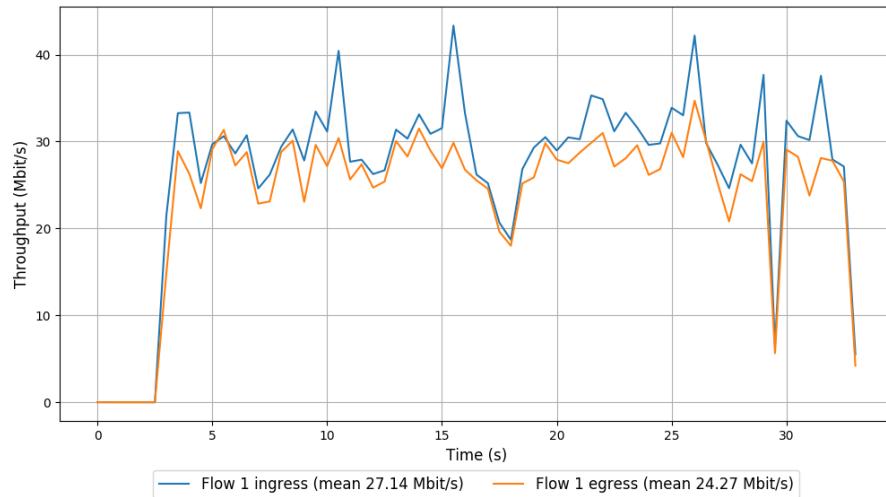


Run 5: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:24:14 +0000
End at: Tue, 20 Jun 2017 01:24:44 +0000
Local clock offset: 4.179 ms
Remote clock offset: -20.972 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 28.860 ms
Loss rate: 10.66%
-- Flow 1:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 28.860 ms
Loss rate: 10.66%
```

Run 5: Report of TCP BBR — Data Link

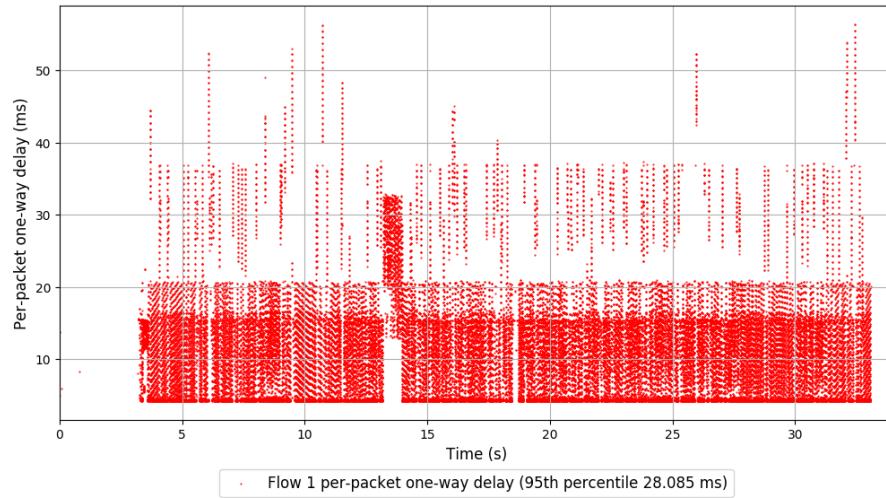
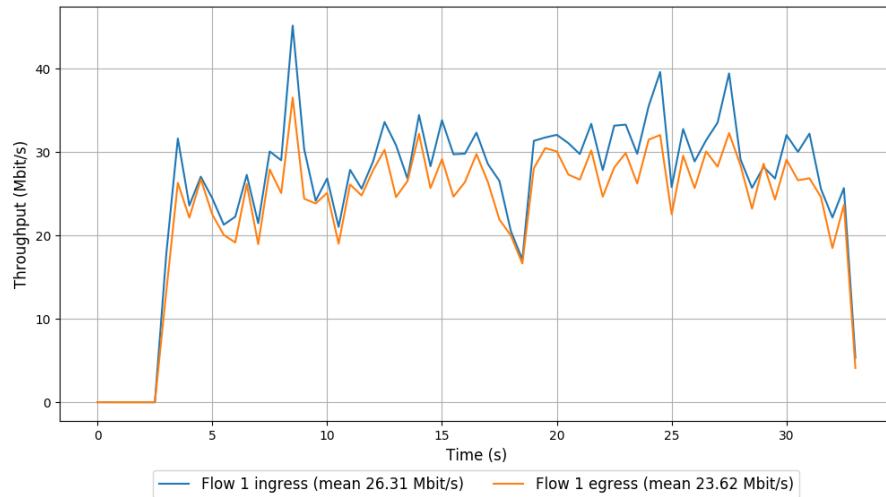


Run 6: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 01:42:08 +0000
End at: Tue, 20 Jun 2017 01:42:38 +0000
Local clock offset: 6.349 ms
Remote clock offset: -22.001 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:11:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 28.085 ms
Loss rate: 10.32%
-- Flow 1:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 28.085 ms
Loss rate: 10.32%
```

Run 6: Report of TCP BBR — Data Link

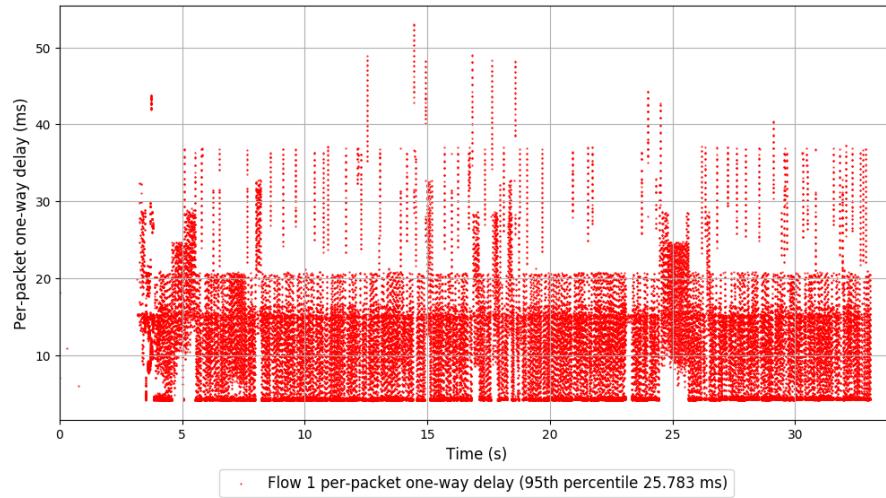
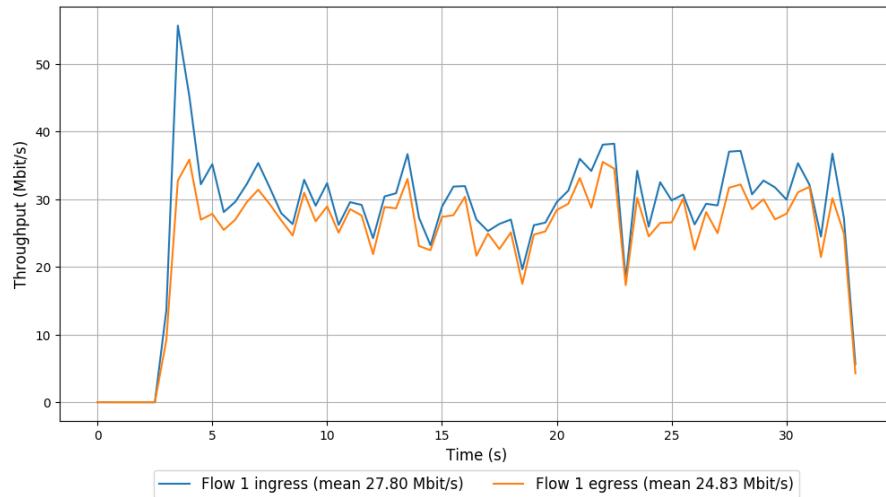


Run 7: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:00:09 +0000
End at: Tue, 20 Jun 2017 02:00:39 +0000
Local clock offset: 6.717 ms
Remote clock offset: -21.578 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 25.783 ms
Loss rate: 10.80%
-- Flow 1:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 25.783 ms
Loss rate: 10.80%
```

Run 7: Report of TCP BBR — Data Link

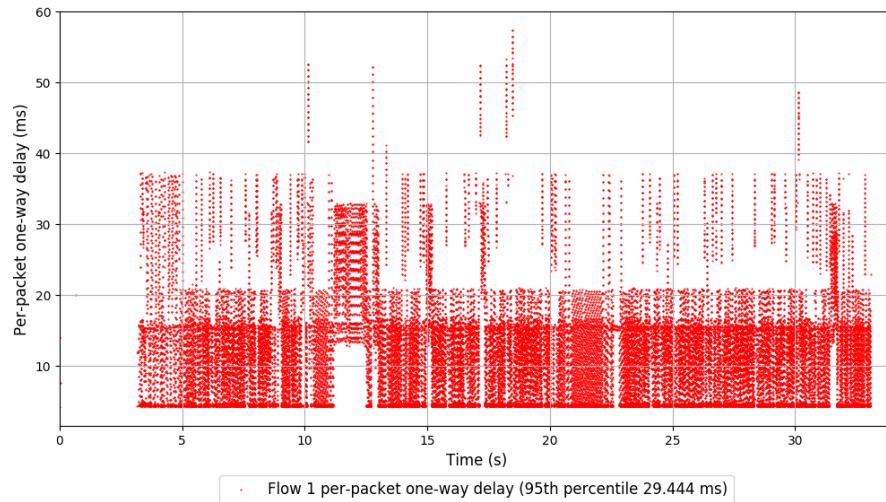
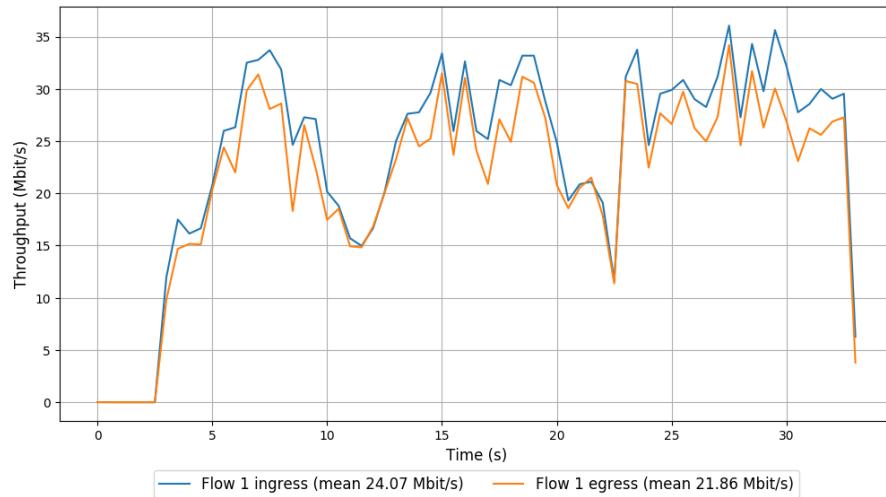


Run 8: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:18:02 +0000
End at: Tue, 20 Jun 2017 02:18:32 +0000
Local clock offset: 3.721 ms
Remote clock offset: -23.641 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 29.444 ms
Loss rate: 9.27%
-- Flow 1:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 29.444 ms
Loss rate: 9.27%
```

Run 8: Report of TCP BBR — Data Link

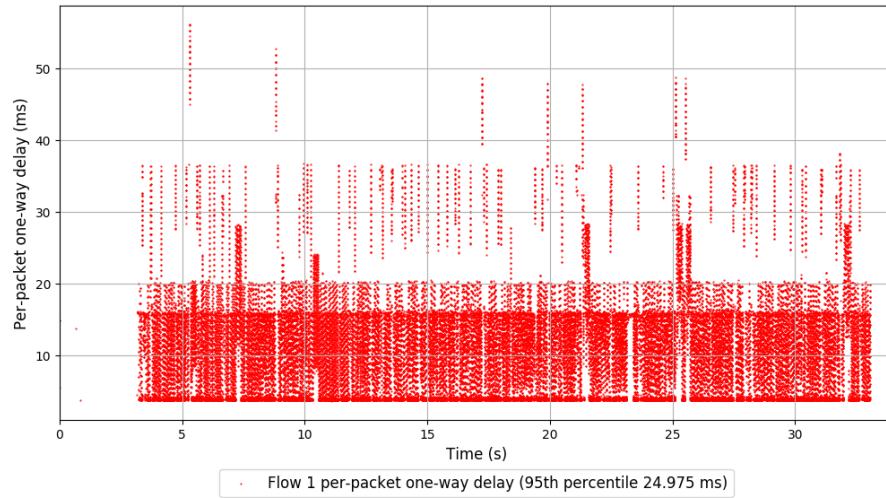
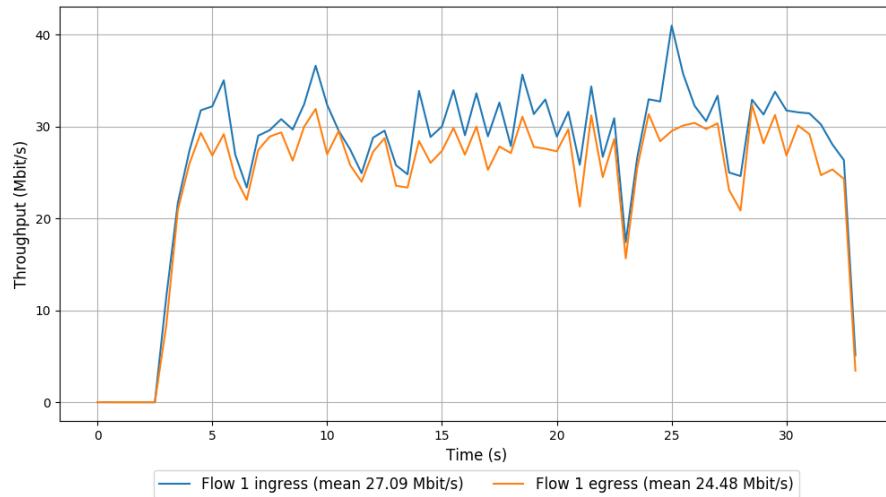


Run 9: Statistics of TCP BBR

```
Start at: Tue, 20 Jun 2017 02:36:02 +0000
End at: Tue, 20 Jun 2017 02:36:32 +0000
Local clock offset: 5.091 ms
Remote clock offset: -22.845 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 24.975 ms
Loss rate: 9.72%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 24.975 ms
Loss rate: 9.72%
```

Run 9: Report of TCP BBR — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:54:18 +0000
```

```
End at: Tue, 20 Jun 2017 02:54:48 +0000
```

```
Local clock offset: 3.623 ms
```

```
Remote clock offset: -23.583 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:28 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 23.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 28.090 ms
```

```
Loss rate: 10.22%
```

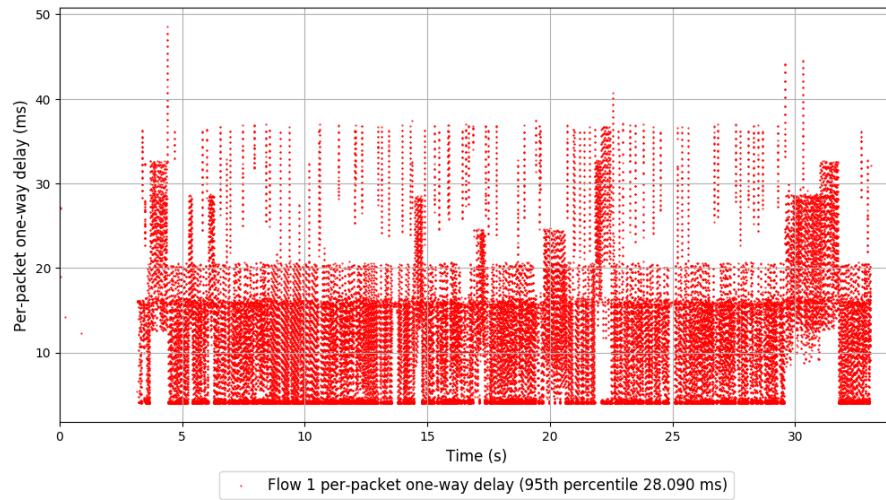
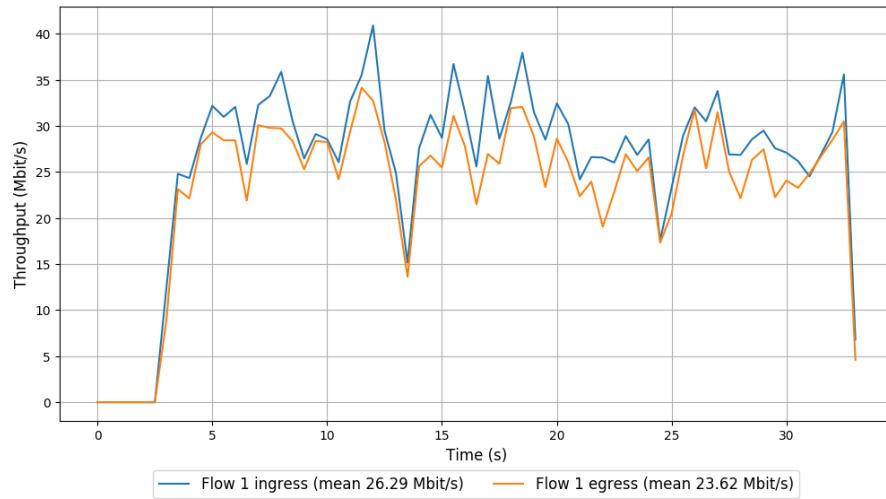
```
-- Flow 1:
```

```
Average throughput: 23.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 28.090 ms
```

```
Loss rate: 10.22%
```

Run 10: Report of TCP BBR — Data Link

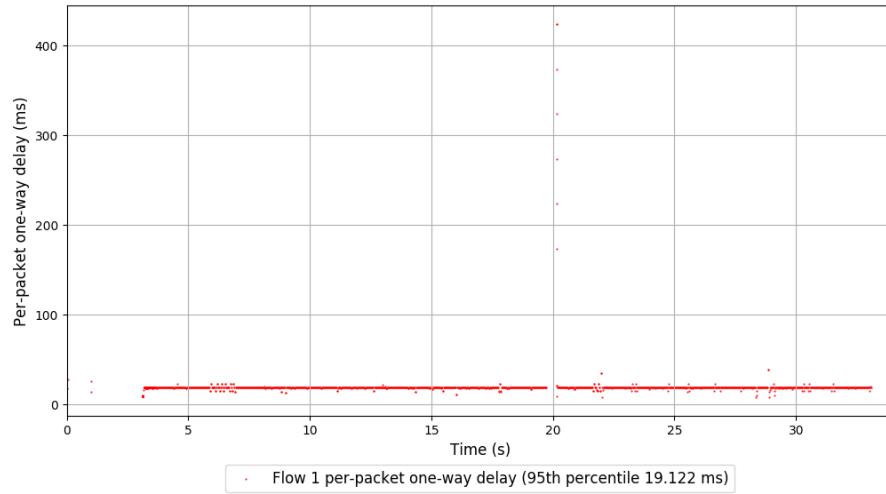
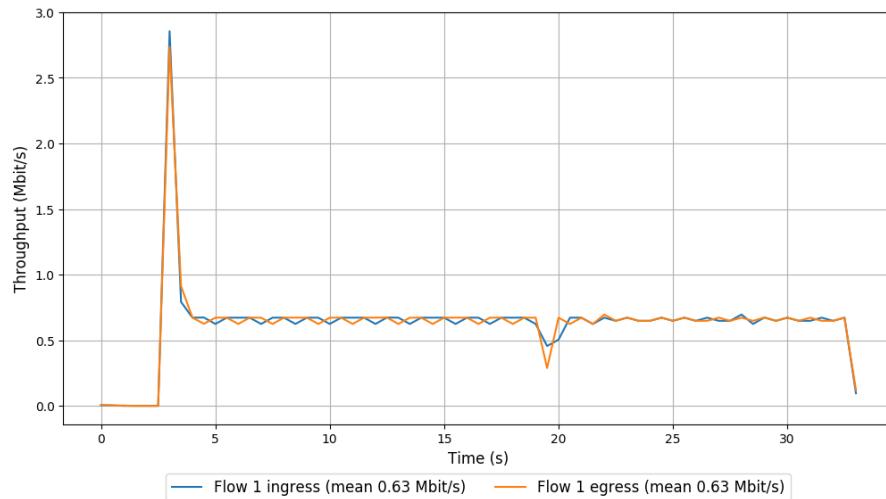


```
Run 1: Statistics of CalibratedKoho

Start at: Tue, 20 Jun 2017 00:16:24 +0000
End at: Tue, 20 Jun 2017 00:16:54 +0000
Local clock offset: 3.53 ms
Remote clock offset: -19.133 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 19.122 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 19.122 ms
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

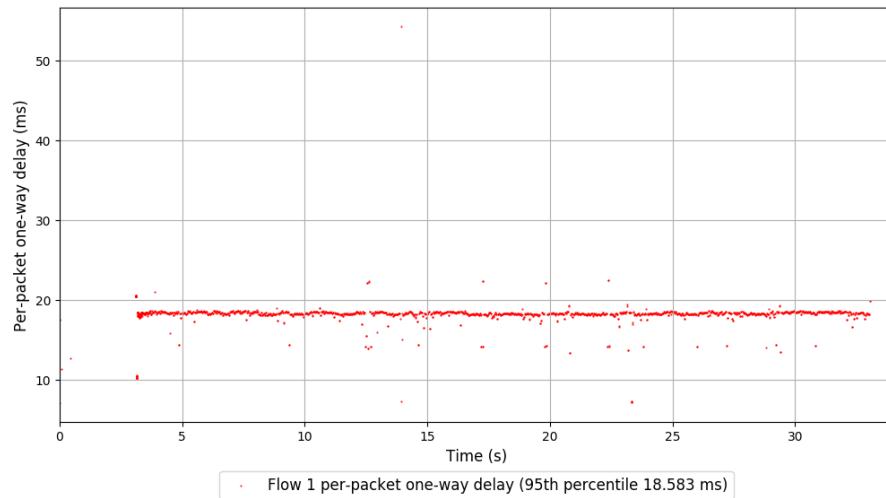
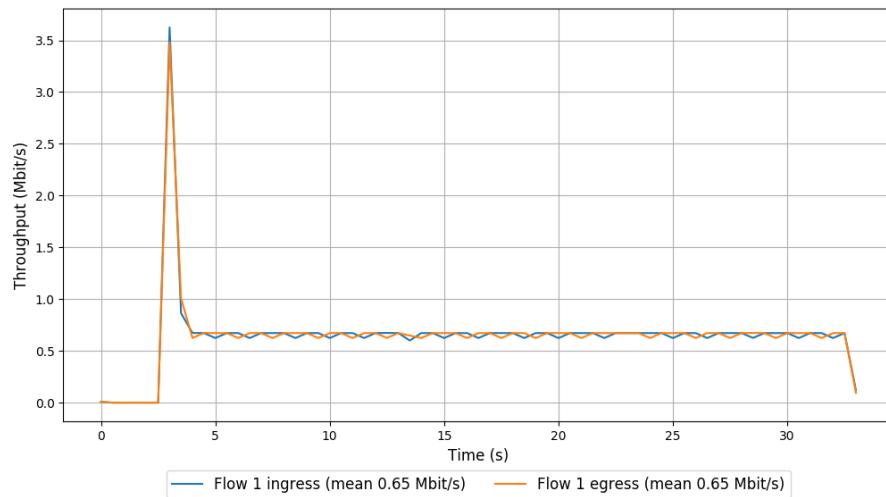


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 20 Jun 2017 00:34:21 +0000
End at: Tue, 20 Jun 2017 00:34:51 +0000
Local clock offset: 5.094 ms
Remote clock offset: -18.392 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 18.583 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 18.583 ms
Loss rate: 0.06%
```

Run 2: Report of CalibratedKoho — Data Link

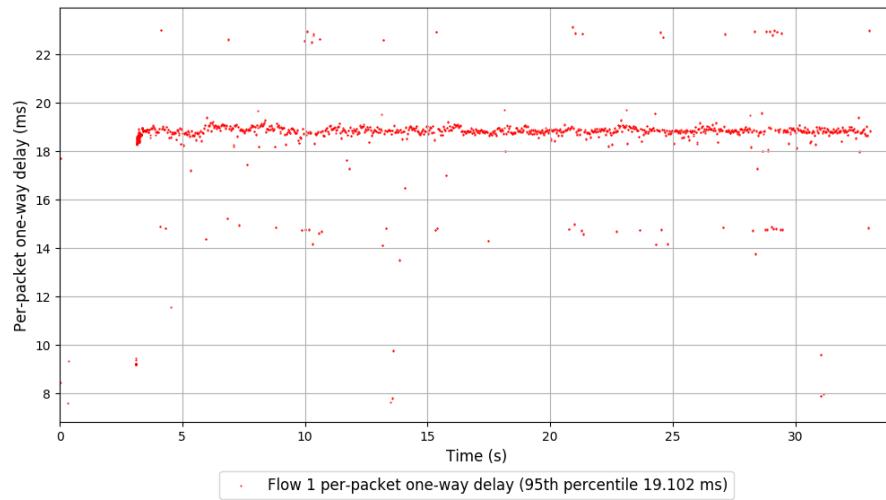
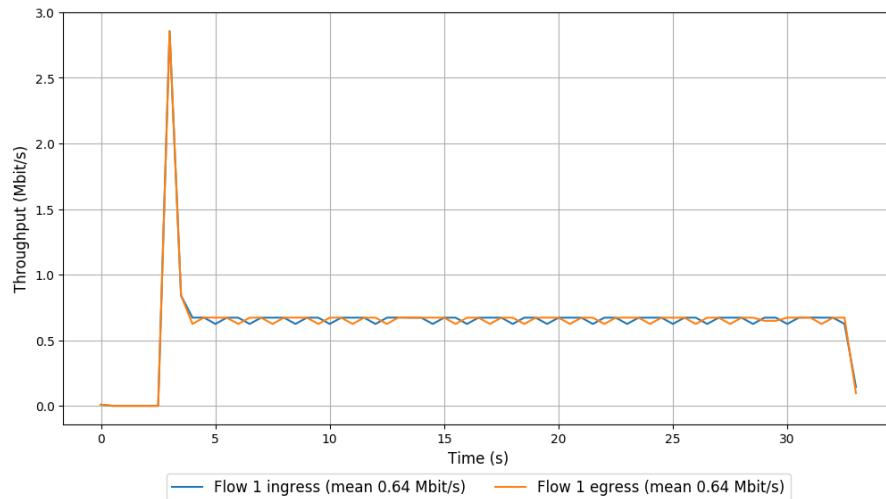


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 20 Jun 2017 00:52:19 +0000
End at: Tue, 20 Jun 2017 00:52:49 +0000
Local clock offset: 0.087 ms
Remote clock offset: -19.366 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 19.102 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 19.102 ms
Loss rate: 0.11%
```

Run 3: Report of CalibratedKoho — Data Link

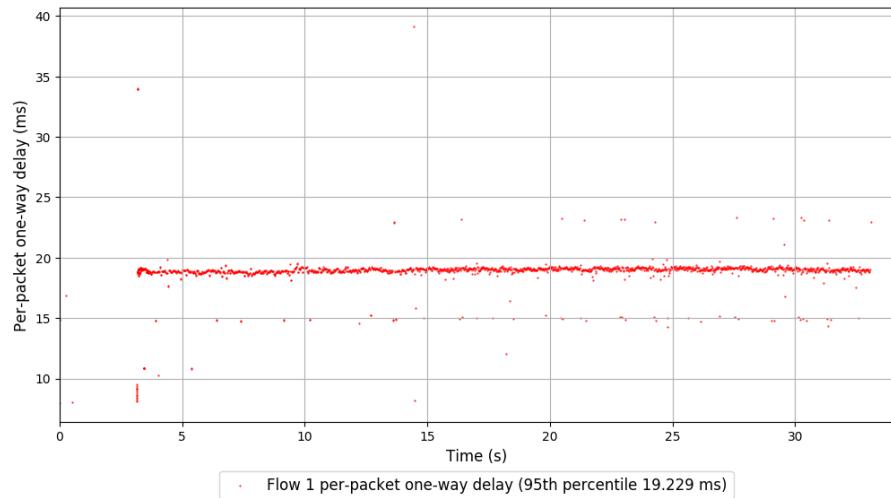
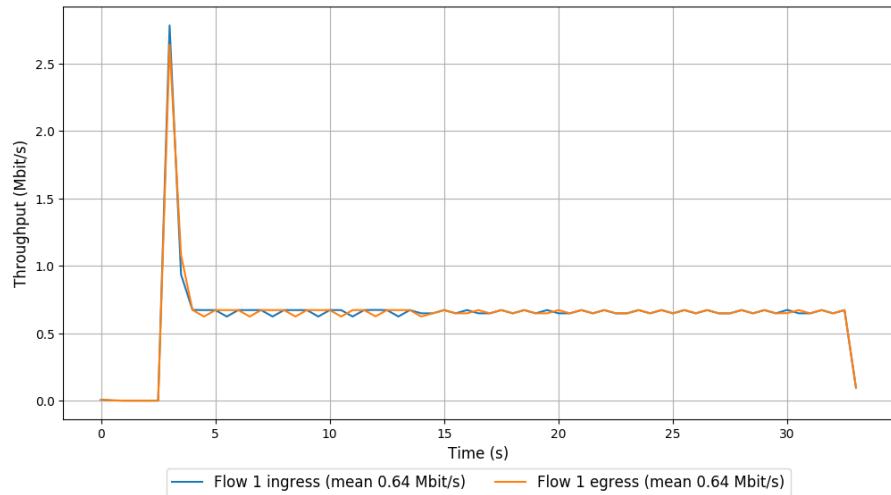


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Tue, 20 Jun 2017 01:10:05 +0000
End at: Tue, 20 Jun 2017 01:10:35 +0000
Local clock offset: 1.969 ms
Remote clock offset: -20.652 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.06%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 01:28:03 +0000
```

```
End at: Tue, 20 Jun 2017 01:28:33 +0000
```

```
Local clock offset: 3.004 ms
```

```
Remote clock offset: -22.036 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:47 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.338 ms
```

```
Loss rate: 0.06%
```

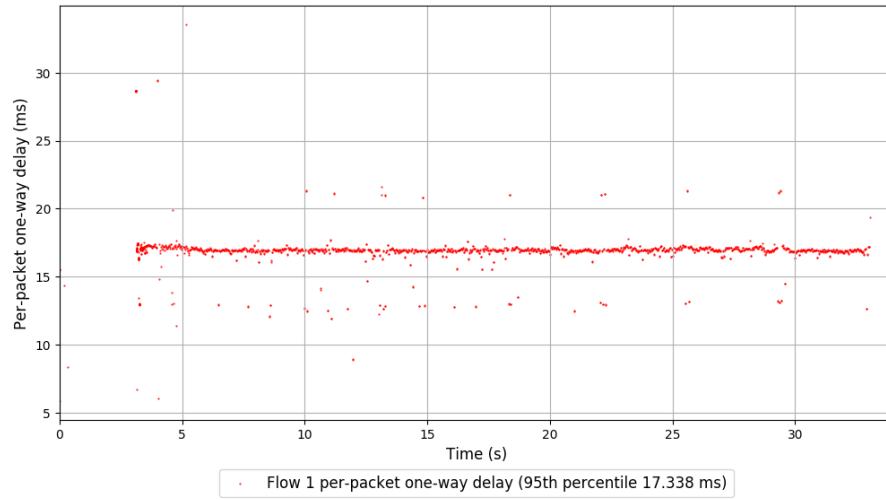
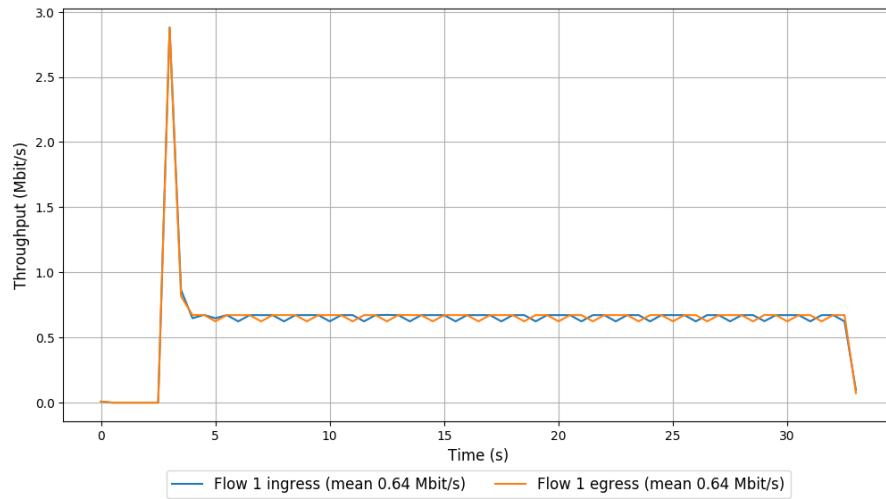
```
-- Flow 1:
```

```
Average throughput: 0.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.338 ms
```

```
Loss rate: 0.06%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 01:45:55 +0000
```

```
End at: Tue, 20 Jun 2017 01:46:25 +0000
```

```
Local clock offset: 7.701 ms
```

```
Remote clock offset: -23.215 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:53 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.65 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.998 ms
```

```
Loss rate: 0.00%
```

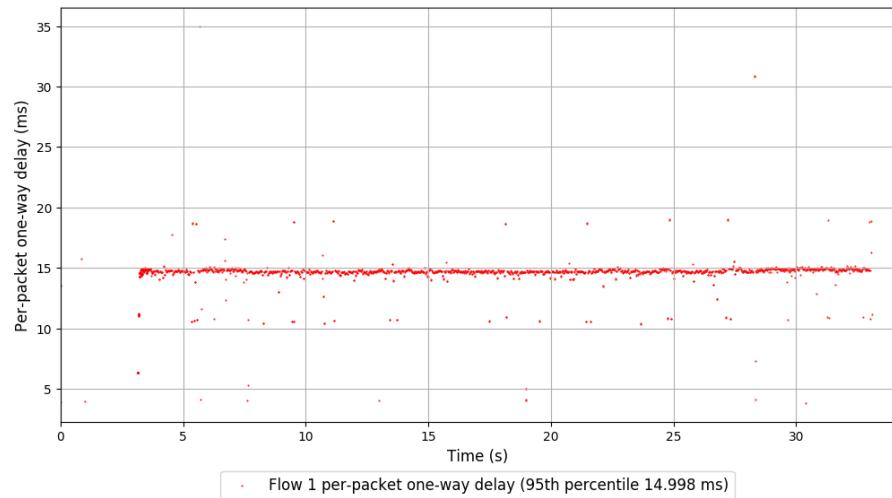
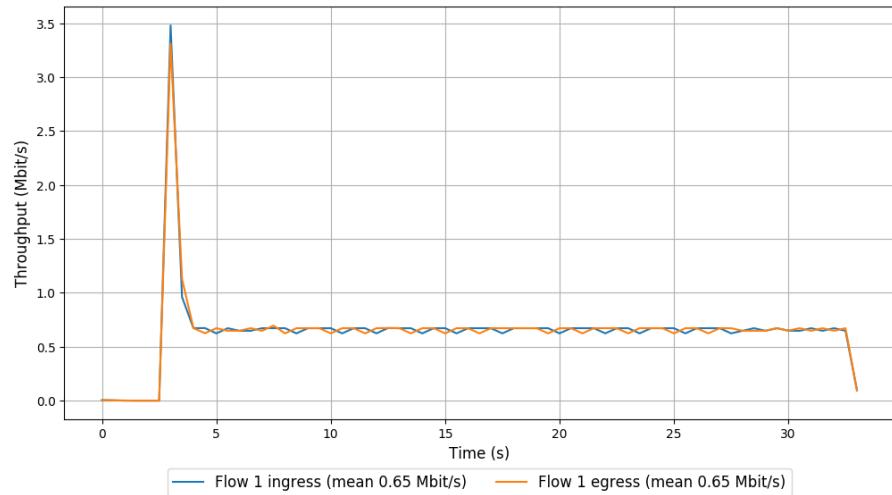
```
-- Flow 1:
```

```
Average throughput: 0.65 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.998 ms
```

```
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

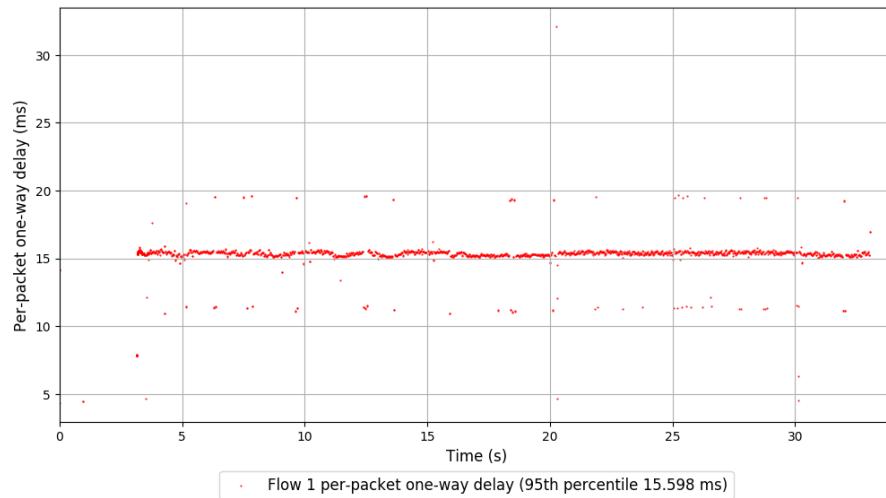
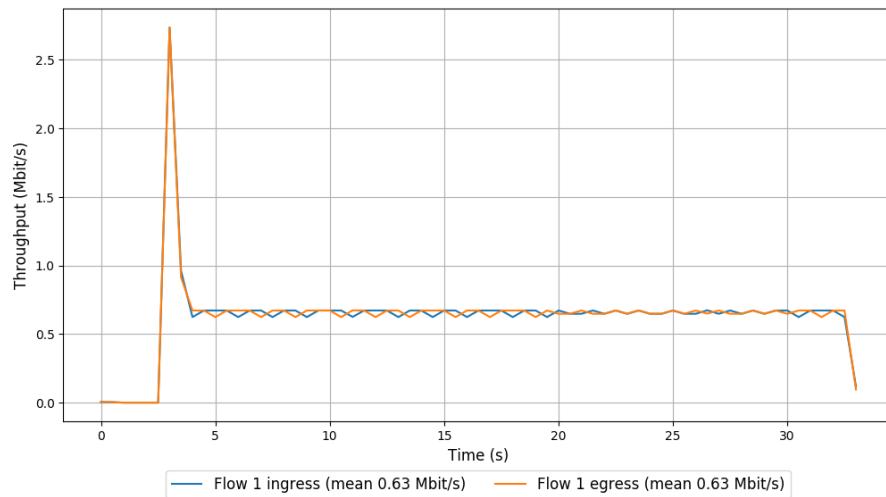


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 20 Jun 2017 02:03:57 +0000
End at: Tue, 20 Jun 2017 02:04:27 +0000
Local clock offset: 3.356 ms
Remote clock offset: -23.272 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:12:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 15.598 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 15.598 ms
Loss rate: 0.06%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:21:45 +0000
```

```
End at: Tue, 20 Jun 2017 02:22:15 +0000
```

```
Local clock offset: 5.719 ms
```

```
Remote clock offset: -21.681 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:01 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.897 ms
```

```
Loss rate: 0.06%
```

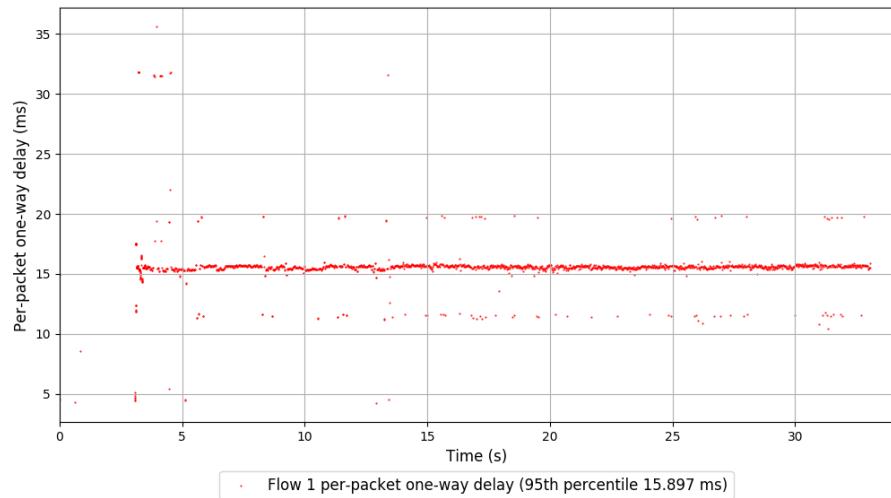
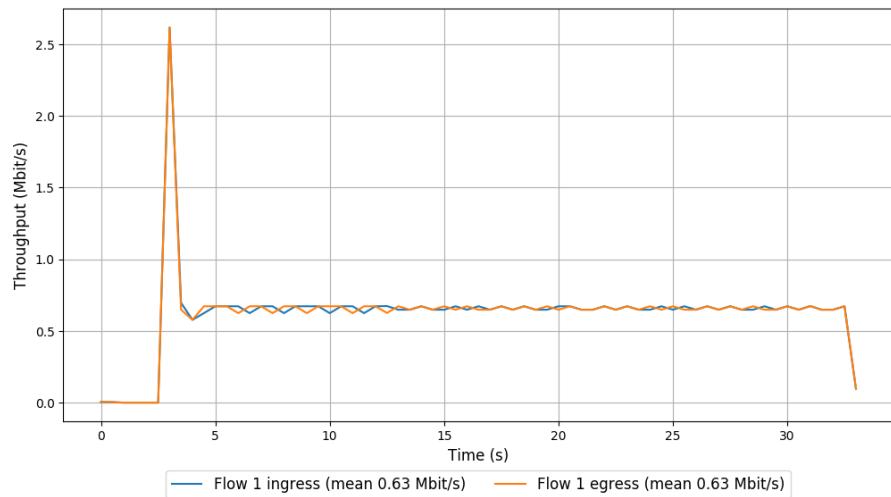
```
-- Flow 1:
```

```
Average throughput: 0.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.897 ms
```

```
Loss rate: 0.06%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:39:47 +0000
```

```
End at: Tue, 20 Jun 2017 02:40:17 +0000
```

```
Local clock offset: 4.455 ms
```

```
Remote clock offset: -24.272 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.143 ms
```

```
Loss rate: 0.06%
```

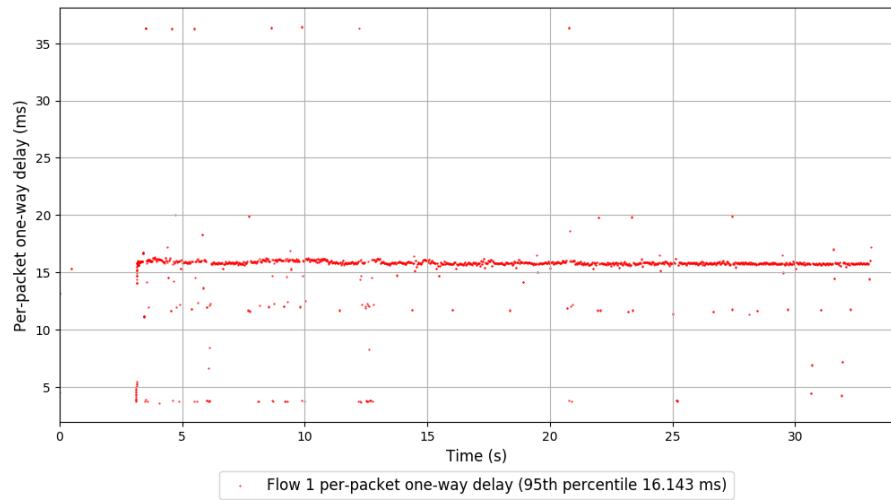
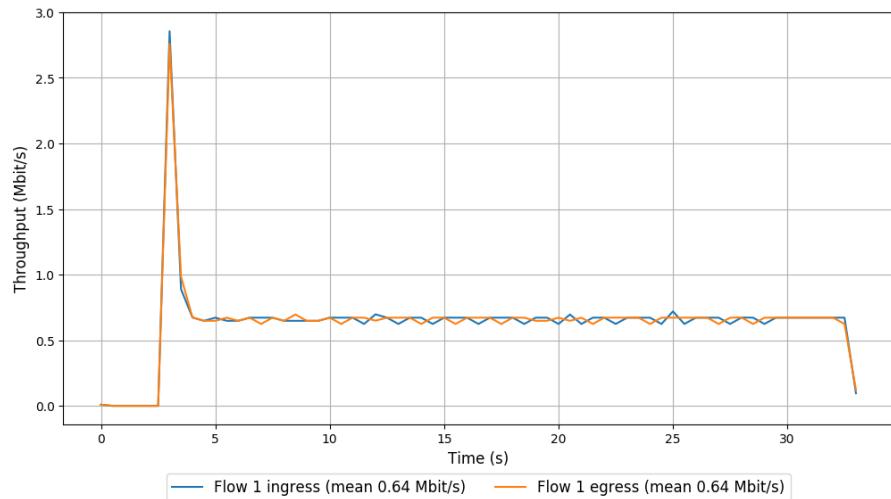
```
-- Flow 1:
```

```
Average throughput: 0.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.143 ms
```

```
Loss rate: 0.06%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:58:05 +0000
```

```
End at: Tue, 20 Jun 2017 02:58:35 +0000
```

```
Local clock offset: 1.199 ms
```

```
Remote clock offset: -22.54 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.862 ms
```

```
Loss rate: 0.00%
```

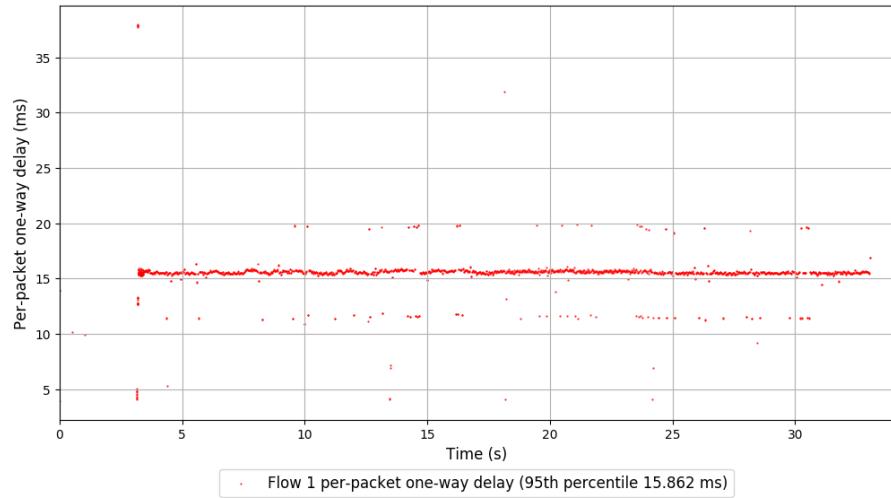
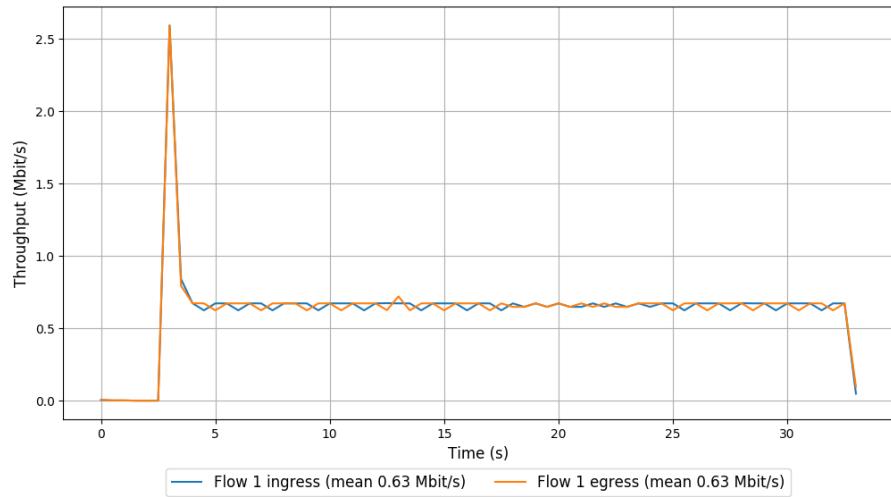
```
-- Flow 1:
```

```
Average throughput: 0.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.862 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

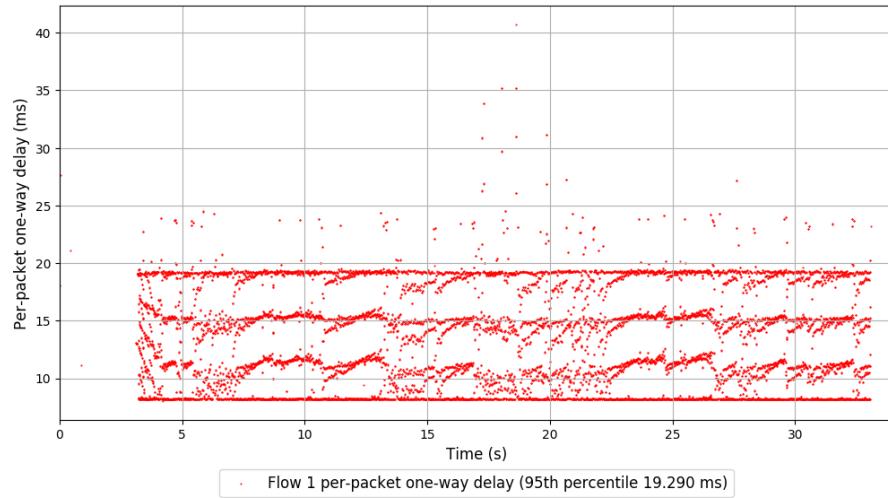
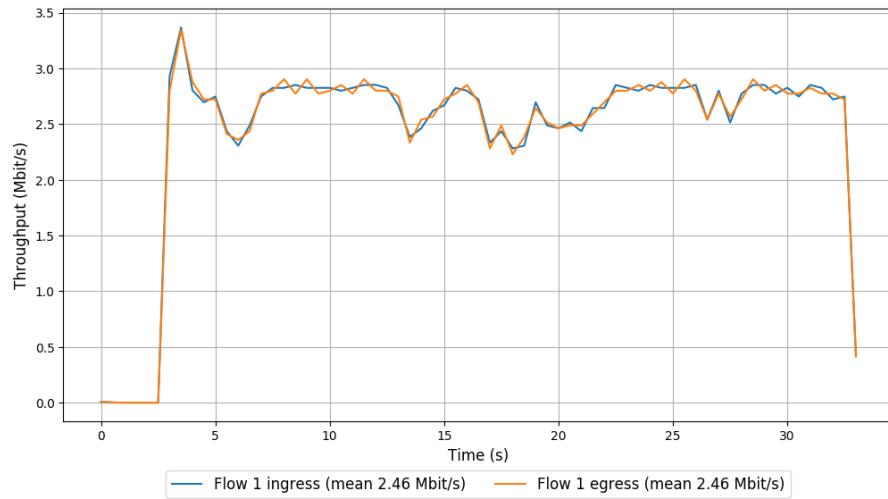


Run 1: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:02:09 +0000
End at: Tue, 20 Jun 2017 00:02:39 +0000
Local clock offset: 5.294 ms
Remote clock offset: -17.803 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.06%
```

Run 1: Report of Copa — Data Link

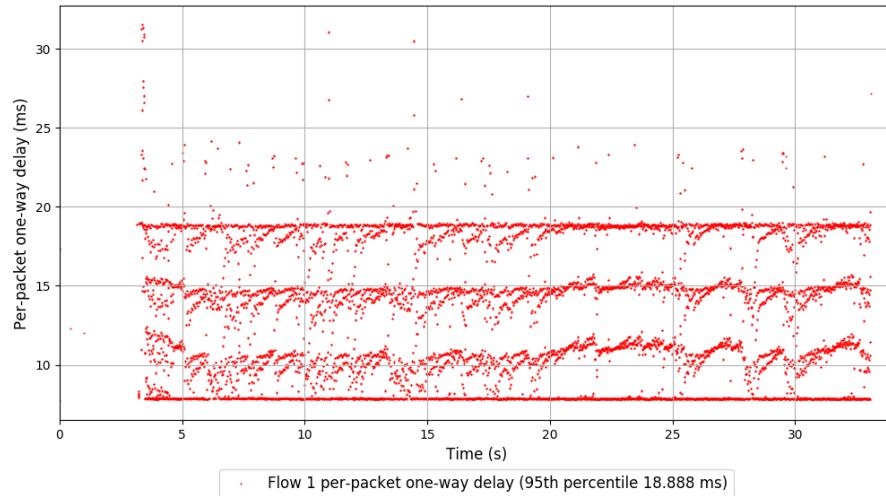
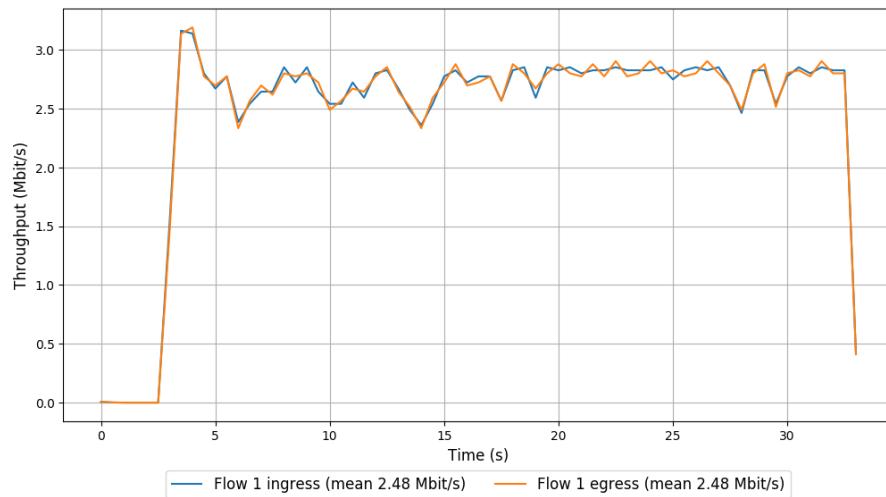


Run 2: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:19:56 +0000
End at: Tue, 20 Jun 2017 00:20:26 +0000
Local clock offset: 4.641 ms
Remote clock offset: -19.427 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 18.888 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 18.888 ms
Loss rate: 0.06%
```

Run 2: Report of Copa — Data Link

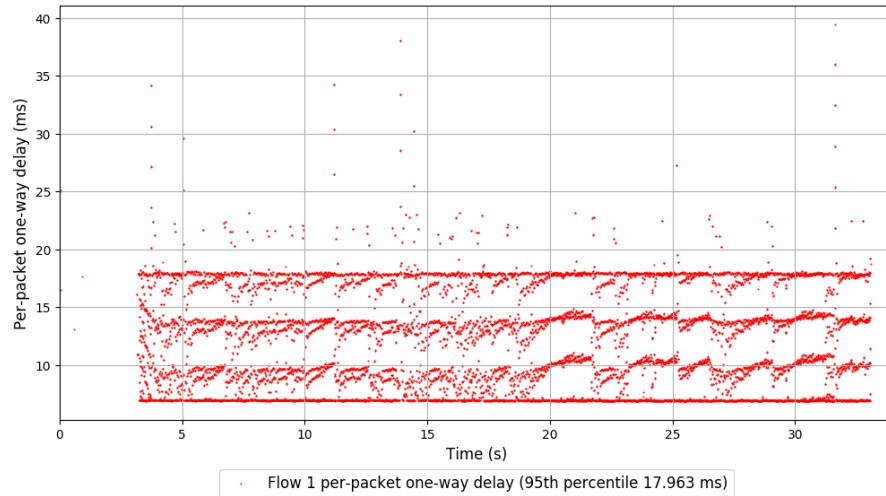
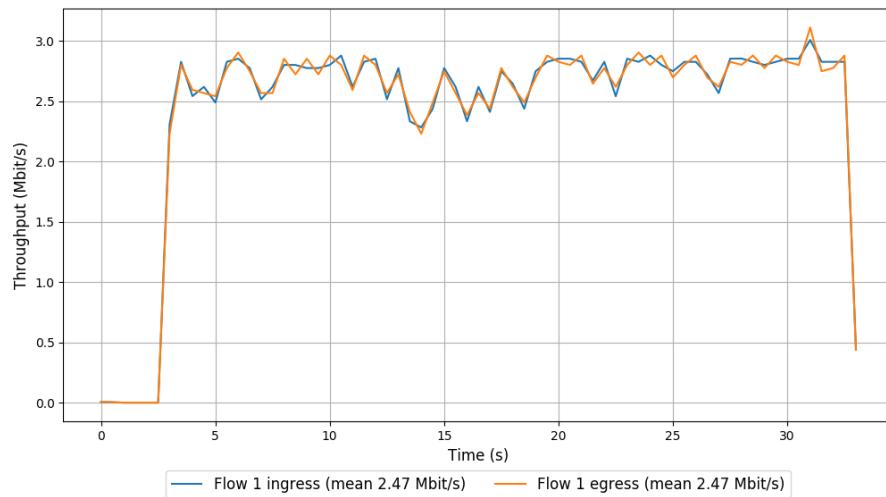


Run 3: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:37:58 +0000
End at: Tue, 20 Jun 2017 00:38:28 +0000
Local clock offset: 5.282 ms
Remote clock offset: -19.848 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 17.963 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 17.963 ms
Loss rate: 0.05%
```

Run 3: Report of Copa — Data Link

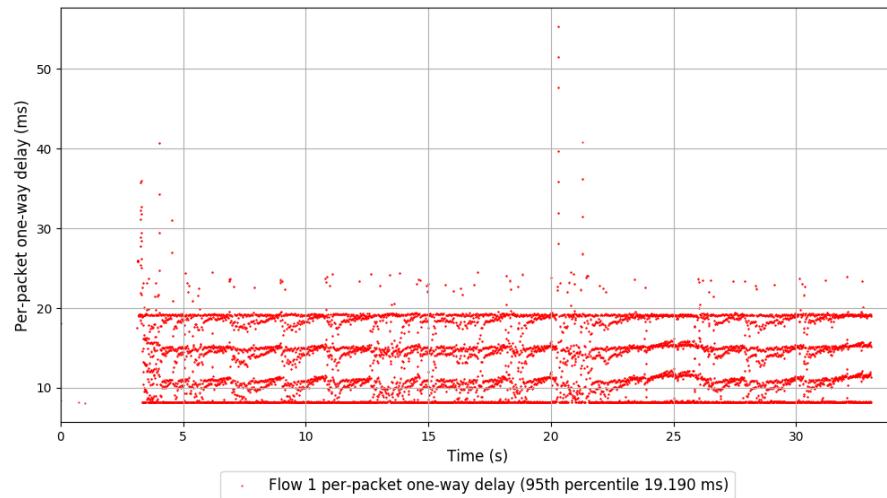
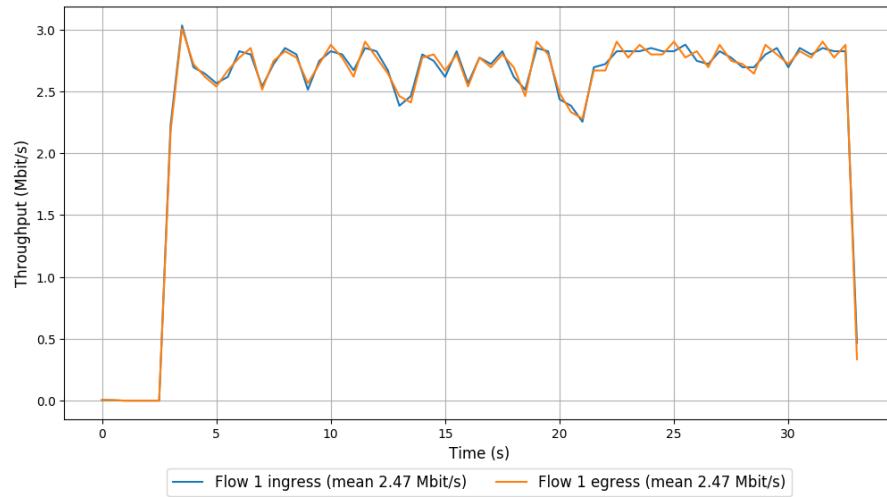


Run 4: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 00:55:44 +0000
End at: Tue, 20 Jun 2017 00:56:14 +0000
Local clock offset: 6.016 ms
Remote clock offset: -20.862 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.11%
```

Run 4: Report of Copa — Data Link

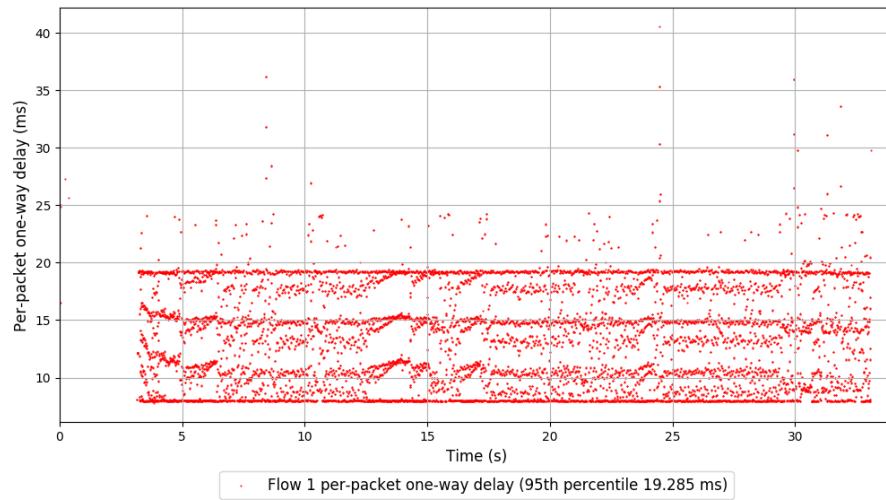
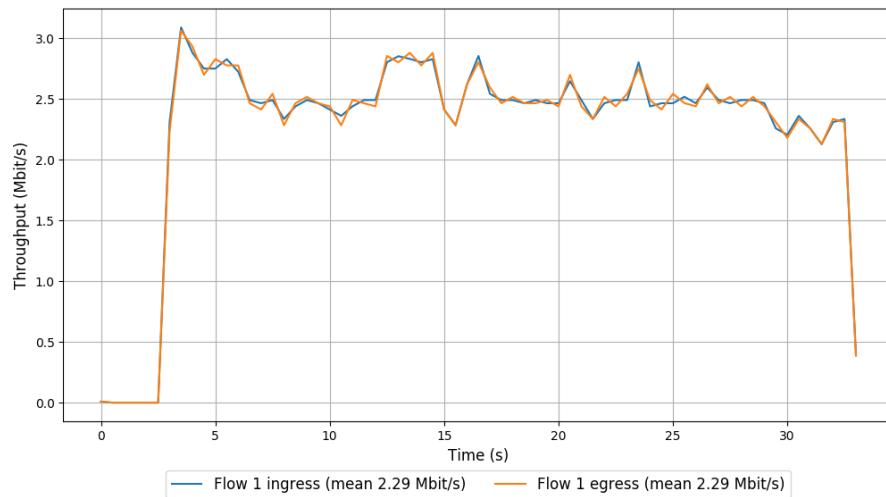


Run 5: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:13:32 +0000
End at: Tue, 20 Jun 2017 01:14:02 +0000
Local clock offset: 1.332 ms
Remote clock offset: -22.461 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 19.285 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 19.285 ms
Loss rate: 0.05%
```

Run 5: Report of Copa — Data Link

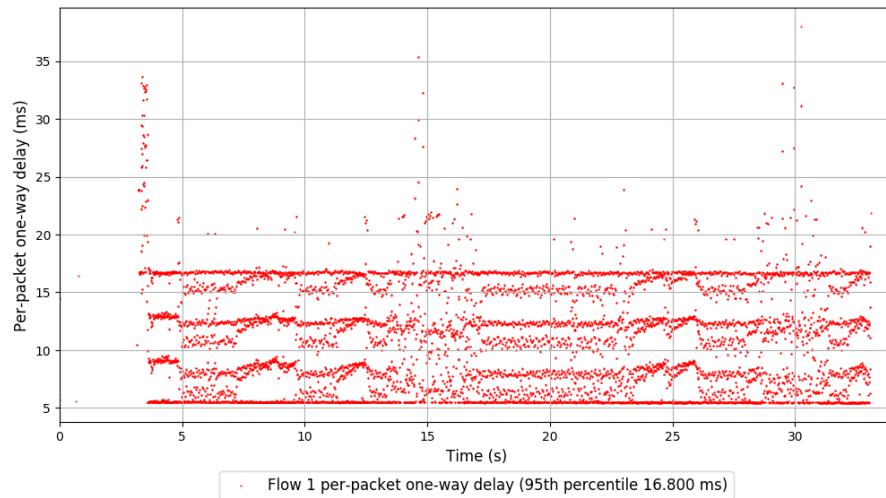
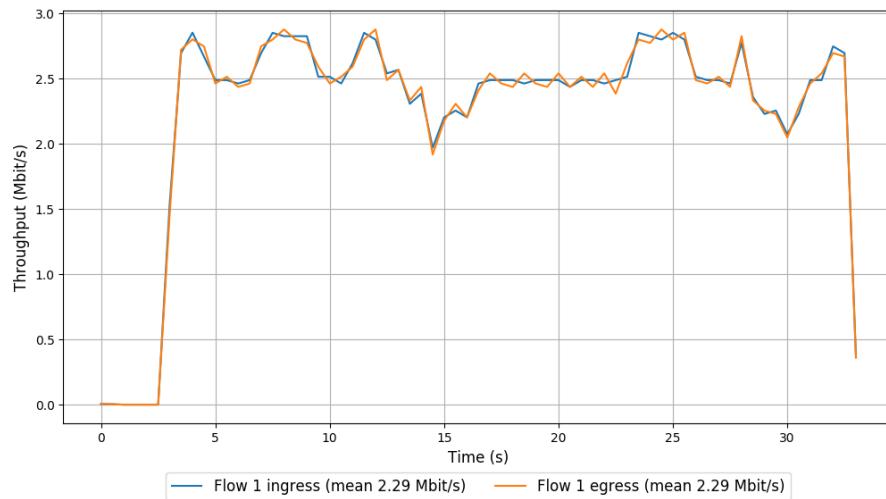


Run 6: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:31:28 +0000
End at: Tue, 20 Jun 2017 01:31:58 +0000
Local clock offset: 5.508 ms
Remote clock offset: -22.755 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 16.800 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 16.800 ms
Loss rate: 0.05%
```

Run 6: Report of Copa — Data Link

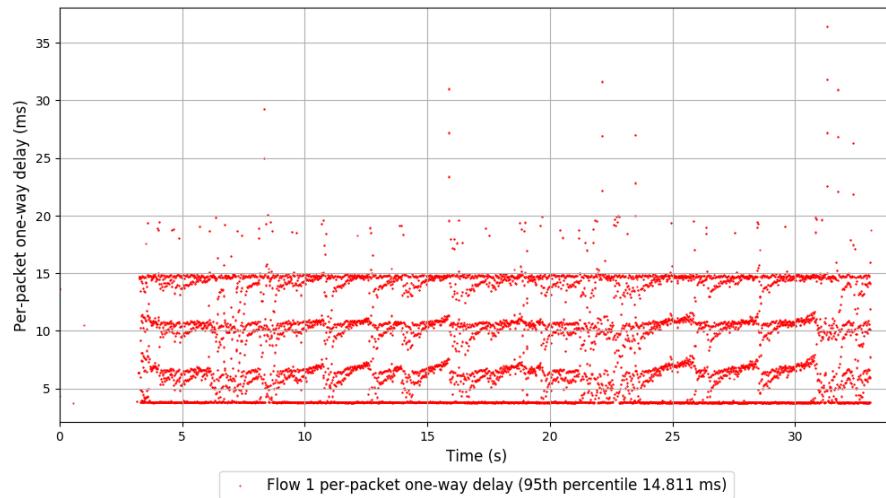
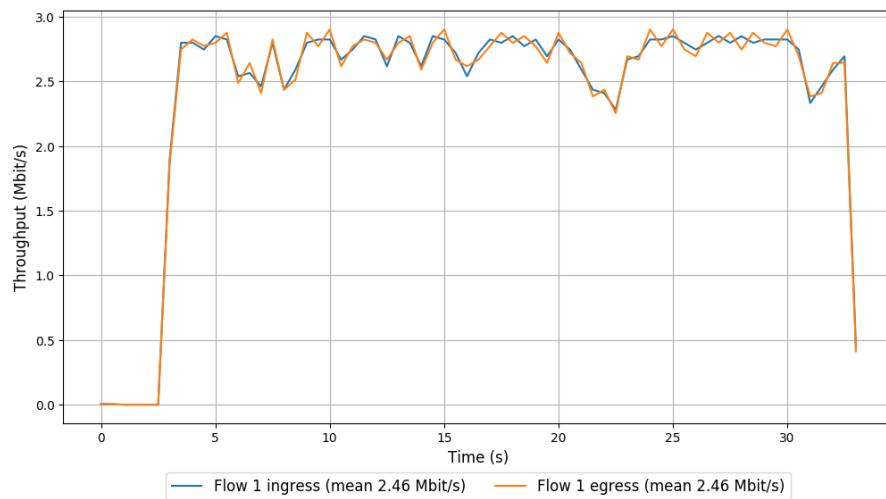


Run 7: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 01:49:27 +0000
End at: Tue, 20 Jun 2017 01:49:57 +0000
Local clock offset: 2.856 ms
Remote clock offset: -23.825 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 14.811 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 14.811 ms
Loss rate: 0.06%
```

Run 7: Report of Copa — Data Link

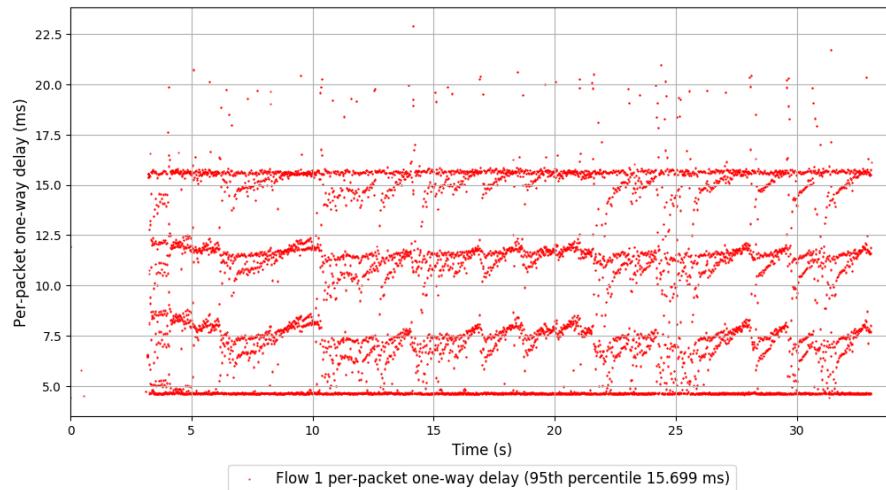
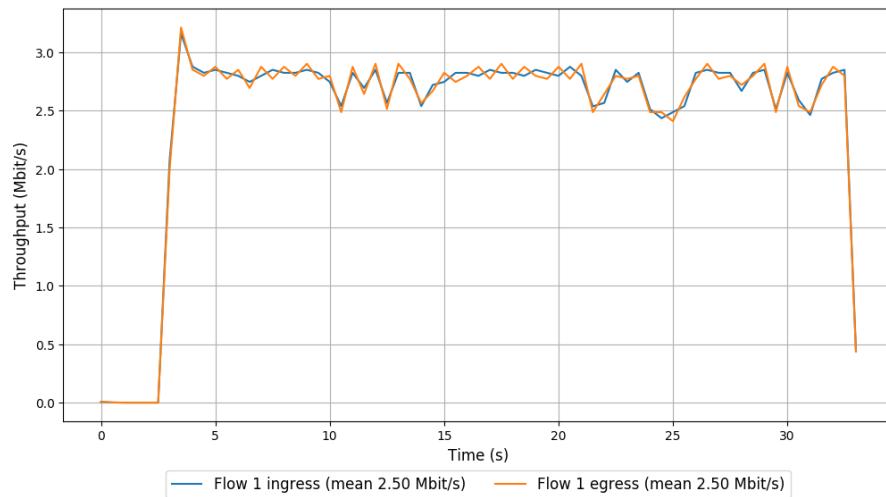


Run 8: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:07:28 +0000
End at: Tue, 20 Jun 2017 02:07:58 +0000
Local clock offset: 3.988 ms
Remote clock offset: -22.931 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 15.699 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 15.699 ms
Loss rate: 0.05%
```

Run 8: Report of Copa — Data Link

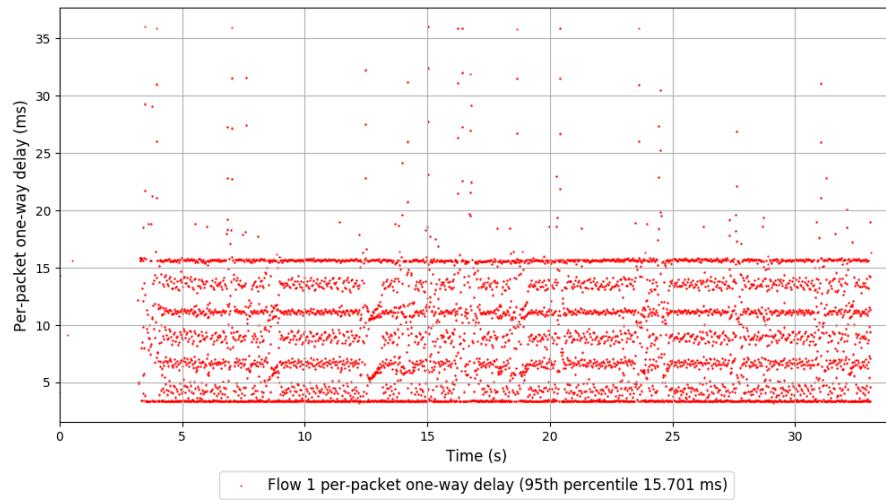
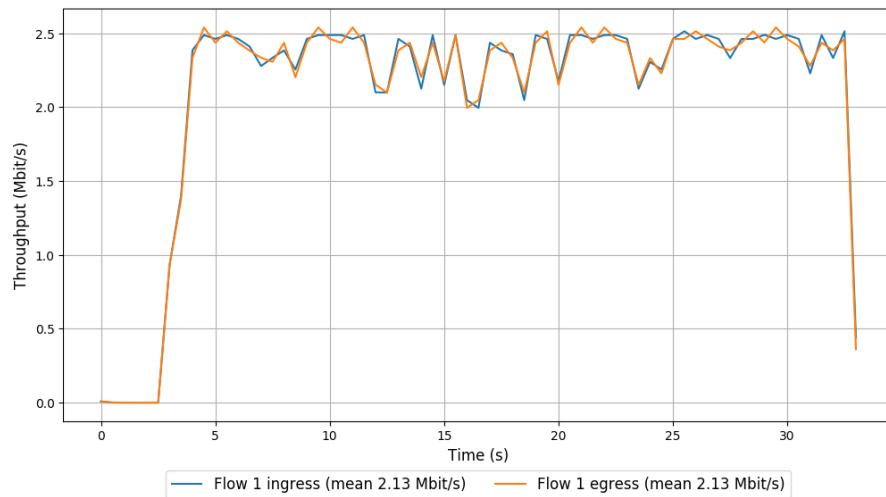


Run 9: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:25:22 +0000
End at: Tue, 20 Jun 2017 02:25:52 +0000
Local clock offset: 4.113 ms
Remote clock offset: -22.846 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:13:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 15.701 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 15.701 ms
Loss rate: 0.11%
```

Run 9: Report of Copa — Data Link

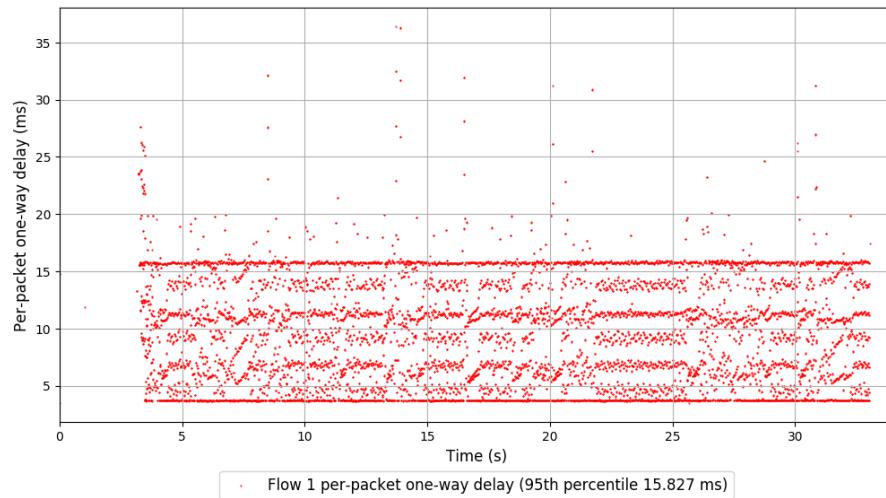
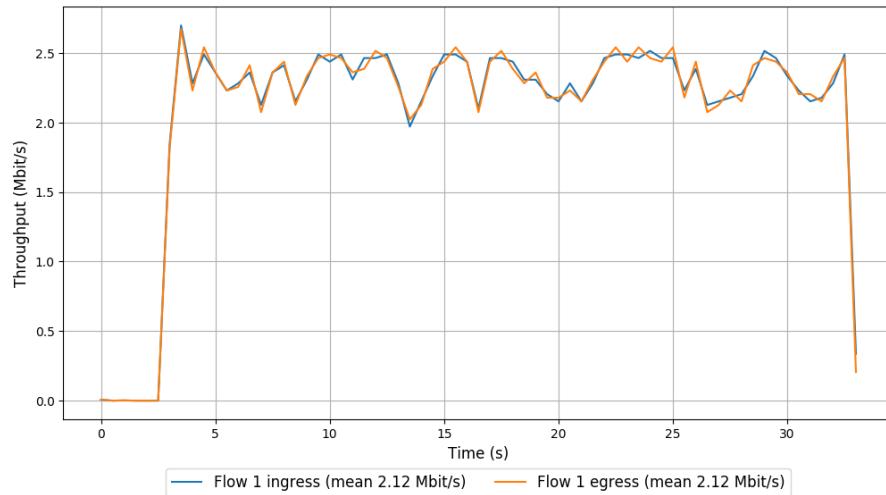


Run 10: Statistics of Copa

```
Start at: Tue, 20 Jun 2017 02:43:28 +0000
End at: Tue, 20 Jun 2017 02:43:58 +0000
Local clock offset: 4.834 ms
Remote clock offset: -22.194 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 15.827 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 15.827 ms
Loss rate: 0.11%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 00:04:27 +0000
End at: Tue, 20 Jun 2017 00:04:57 +0000
Local clock offset: 5.925 ms
Remote clock offset: -18.016 ms

Run 1: Report of TCP Cubic — Data Link

Figure is missing

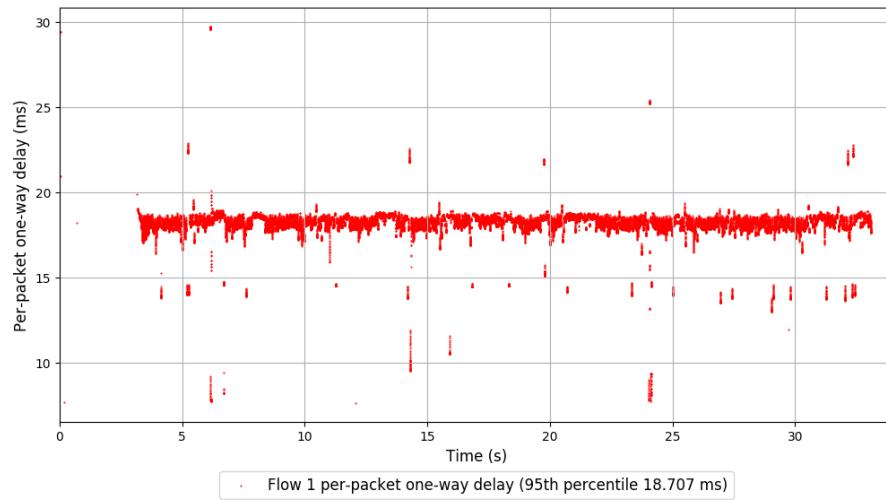
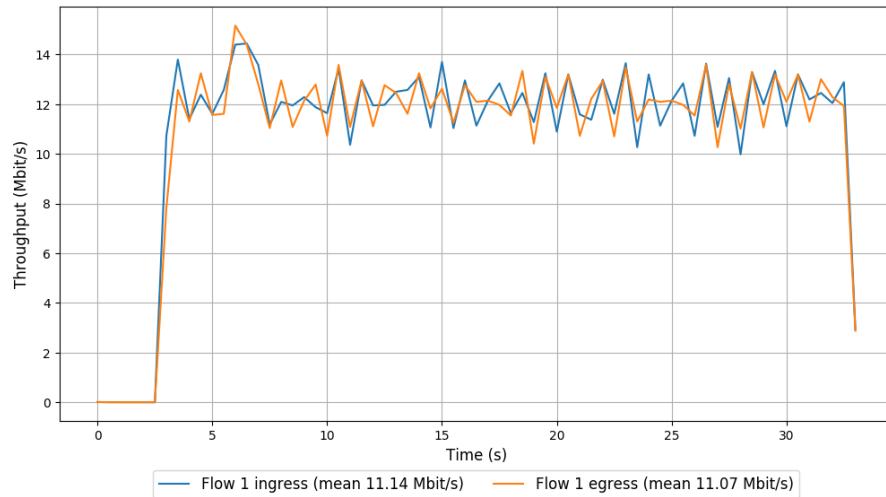
Figure is missing

Run 2: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 00:22:14 +0000
End at: Tue, 20 Jun 2017 00:22:44 +0000
Local clock offset: 3.068 ms
Remote clock offset: -17.99 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.07 Mbit/s
95th percentile per-packet one-way delay: 18.707 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 11.07 Mbit/s
95th percentile per-packet one-way delay: 18.707 ms
Loss rate: 0.77%
```

Run 2: Report of TCP Cubic — Data Link

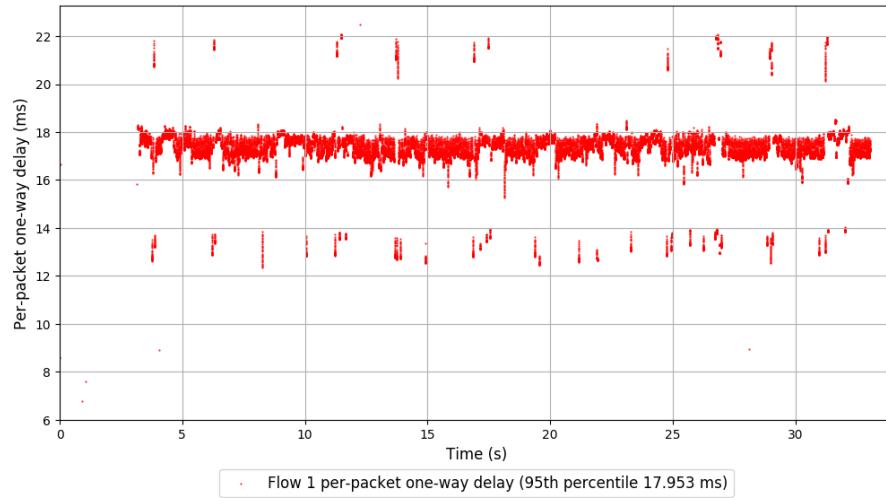
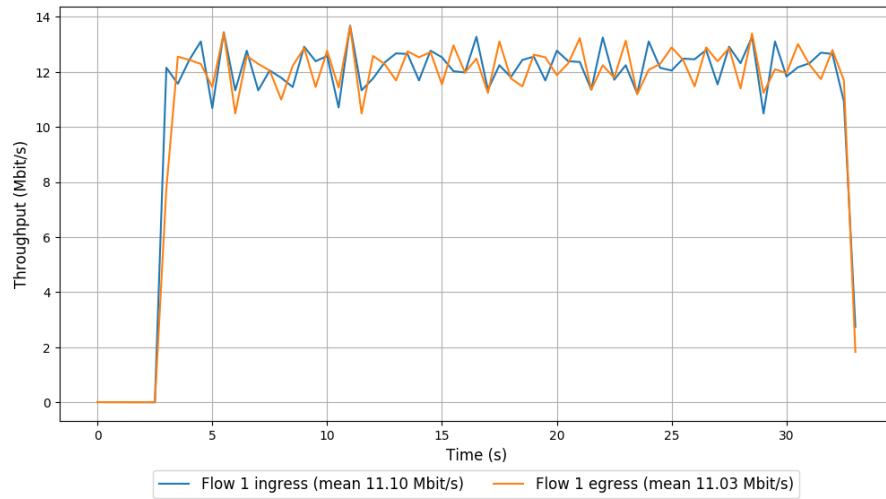


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 00:40:17 +0000
End at: Tue, 20 Jun 2017 00:40:47 +0000
Local clock offset: 7.654 ms
Remote clock offset: -18.378 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 17.953 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 17.953 ms
Loss rate: 0.75%
```

Run 3: Report of TCP Cubic — Data Link

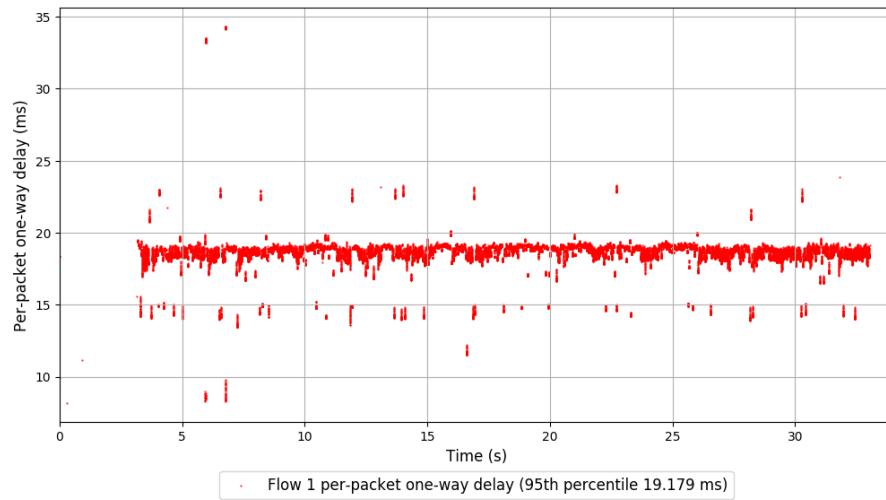
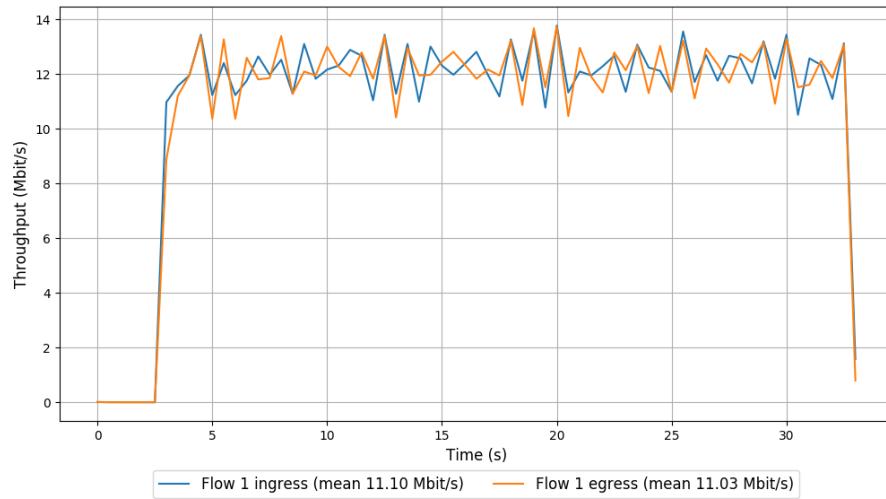


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 00:58:00 +0000
End at: Tue, 20 Jun 2017 00:58:30 +0000
Local clock offset: -1.297 ms
Remote clock offset: -20.662 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 19.179 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 19.179 ms
Loss rate: 0.60%
```

Run 4: Report of TCP Cubic — Data Link

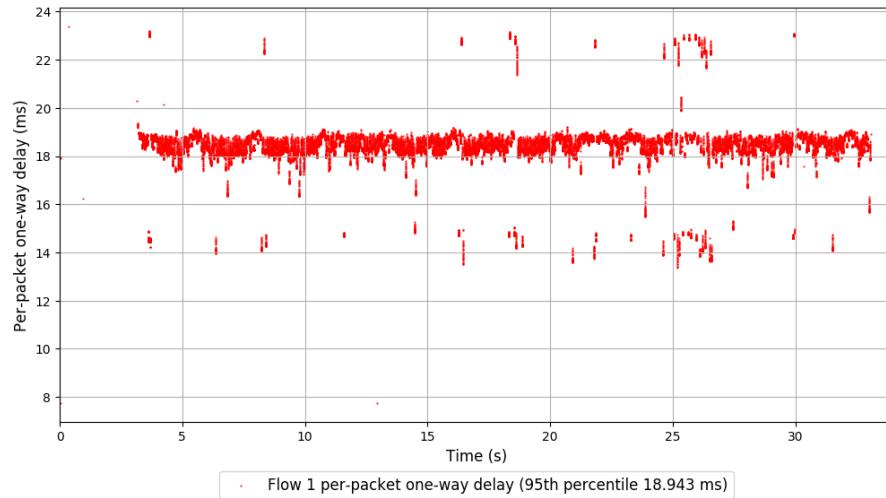
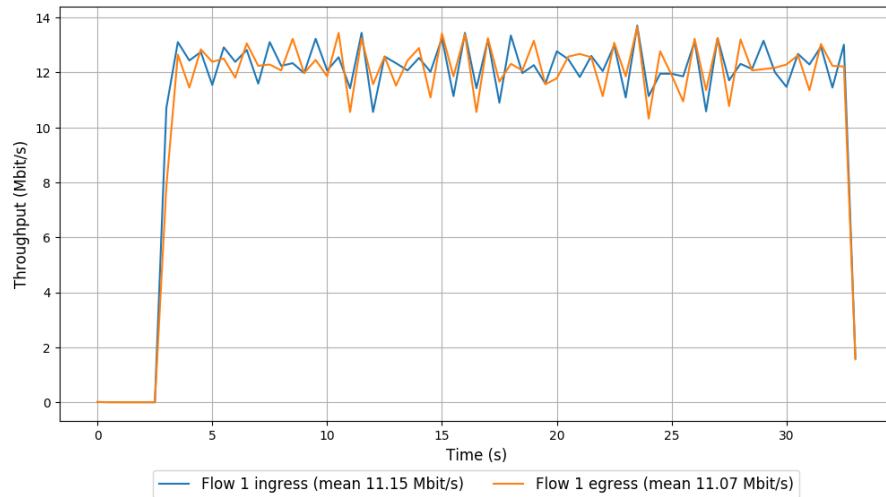


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 01:15:51 +0000
End at: Tue, 20 Jun 2017 01:16:21 +0000
Local clock offset: 2.842 ms
Remote clock offset: -19.954 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.07 Mbit/s
95th percentile per-packet one-way delay: 18.943 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 11.07 Mbit/s
95th percentile per-packet one-way delay: 18.943 ms
Loss rate: 0.73%
```

Run 5: Report of TCP Cubic — Data Link

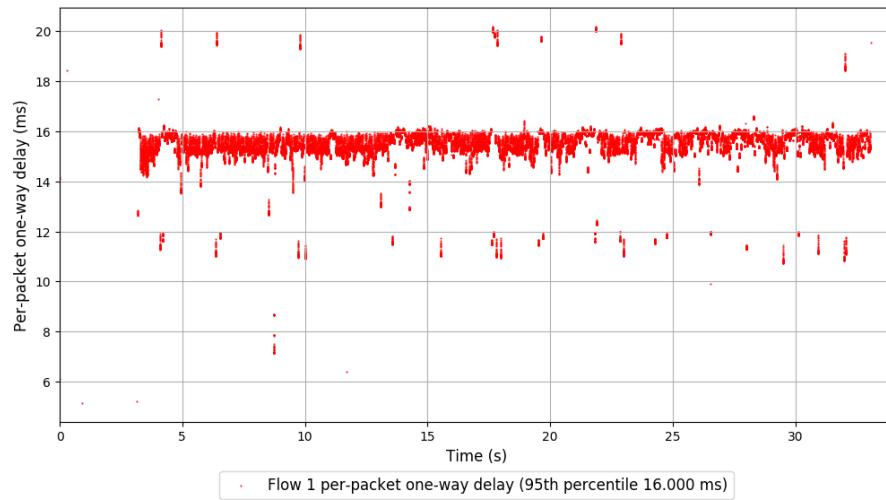
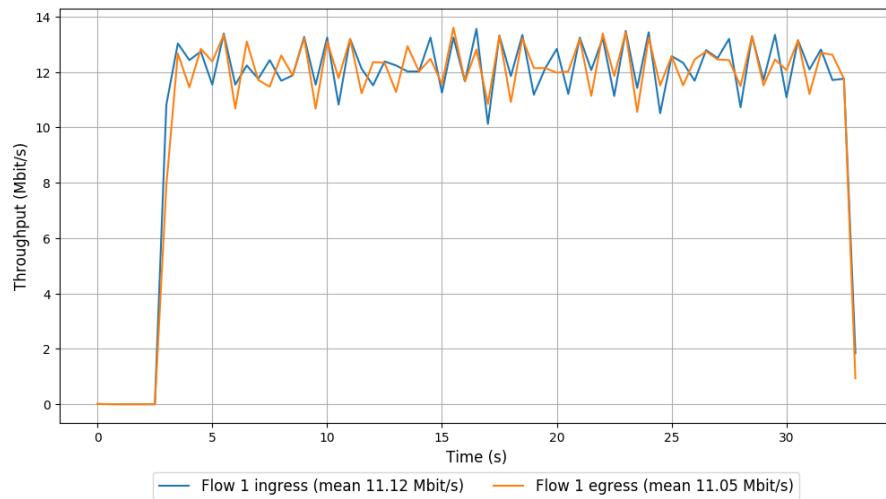


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 01:33:46 +0000
End at: Tue, 20 Jun 2017 01:34:16 +0000
Local clock offset: 2.999 ms
Remote clock offset: -20.293 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 16.000 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 16.000 ms
Loss rate: 0.73%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 20 Jun 2017 01:51:44 +0000

End at: Tue, 20 Jun 2017 01:52:14 +0000

Local clock offset: 5.029 ms

Remote clock offset: -22.102 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:14:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.06 Mbit/s

95th percentile per-packet one-way delay: 14.721 ms

Loss rate: 0.65%

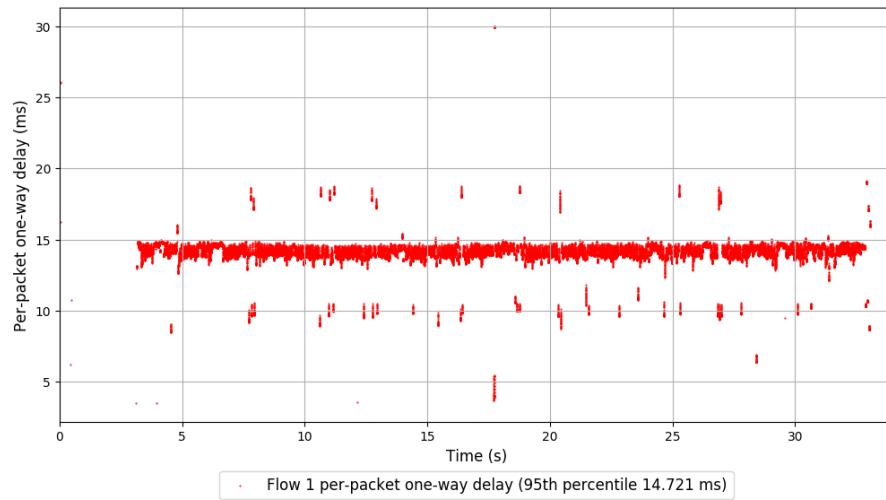
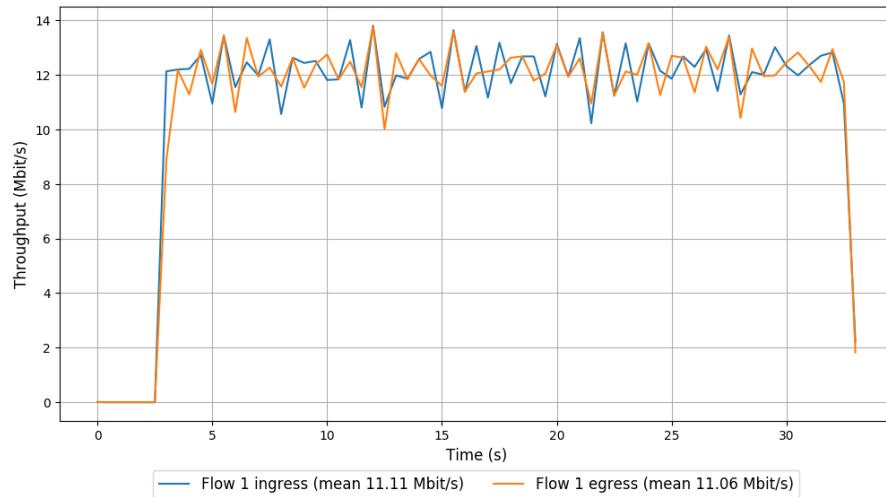
-- Flow 1:

Average throughput: 11.06 Mbit/s

95th percentile per-packet one-way delay: 14.721 ms

Loss rate: 0.65%

Run 7: Report of TCP Cubic — Data Link

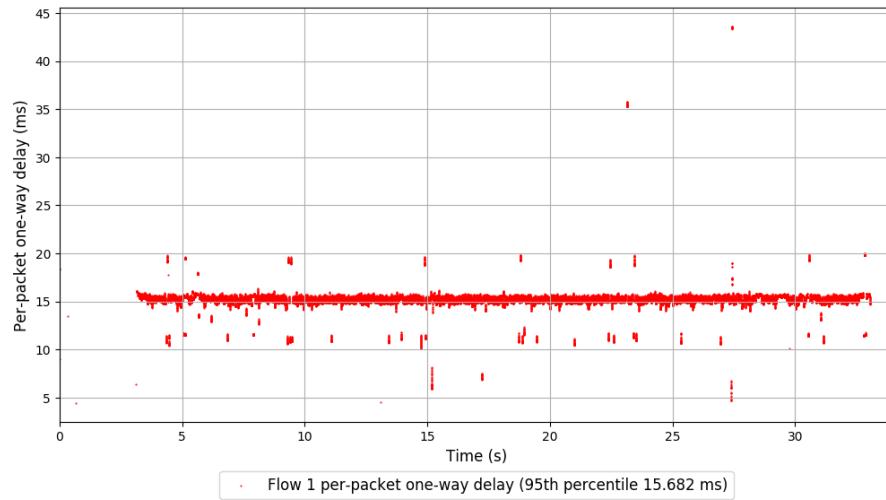
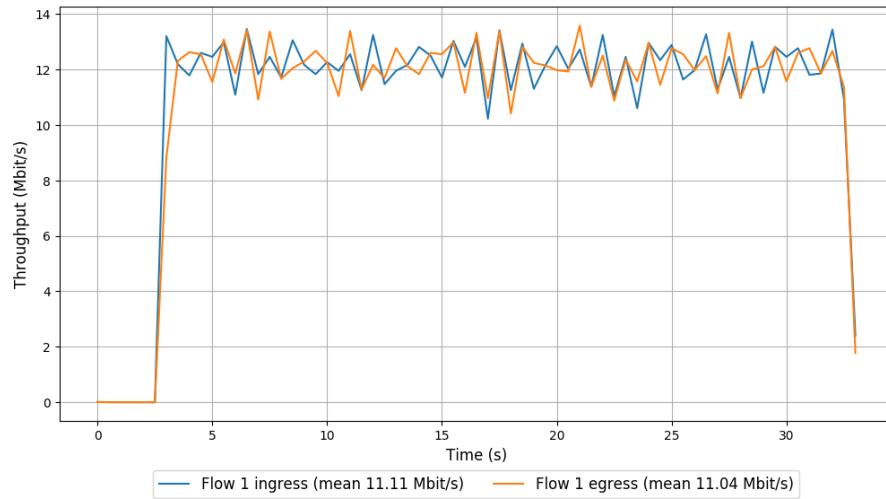


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 02:09:47 +0000
End at: Tue, 20 Jun 2017 02:10:17 +0000
Local clock offset: 0.767 ms
Remote clock offset: -22.518 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 15.682 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 15.682 ms
Loss rate: 0.73%
```

Run 8: Report of TCP Cubic — Data Link

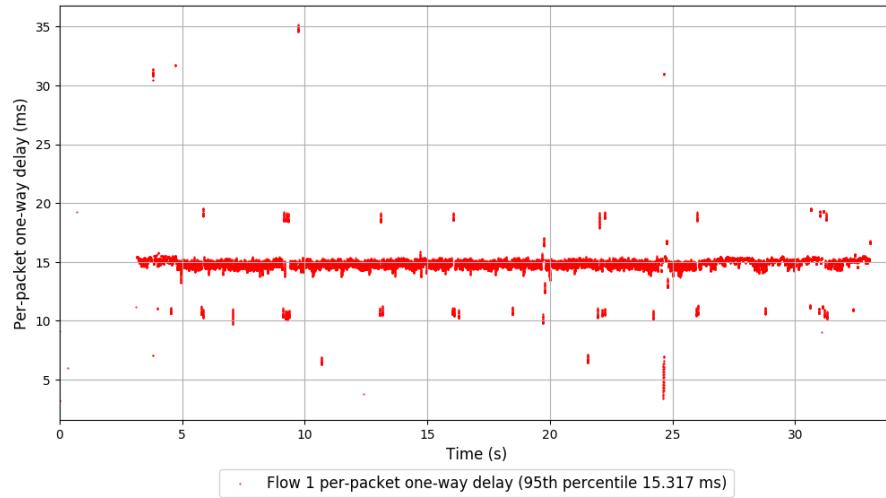
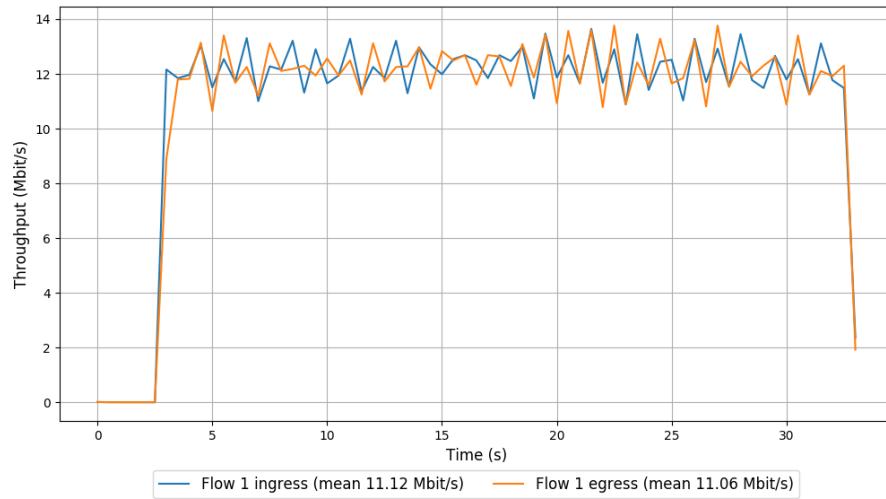


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 20 Jun 2017 02:27:39 +0000
End at: Tue, 20 Jun 2017 02:28:09 +0000
Local clock offset: 3.777 ms
Remote clock offset: -20.685 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:14:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.06 Mbit/s
95th percentile per-packet one-way delay: 15.317 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 11.06 Mbit/s
95th percentile per-packet one-way delay: 15.317 ms
Loss rate: 0.67%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:45:48 +0000
```

```
End at: Tue, 20 Jun 2017 02:46:18 +0000
```

```
Local clock offset: 1.289 ms
```

```
Remote clock offset: -22.398 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:06 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 11.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 35.079 ms
```

```
Loss rate: 0.48%
```

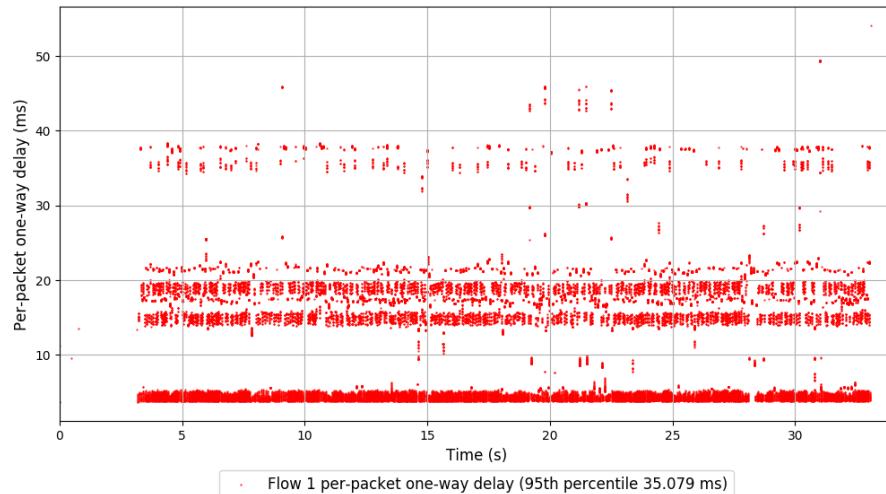
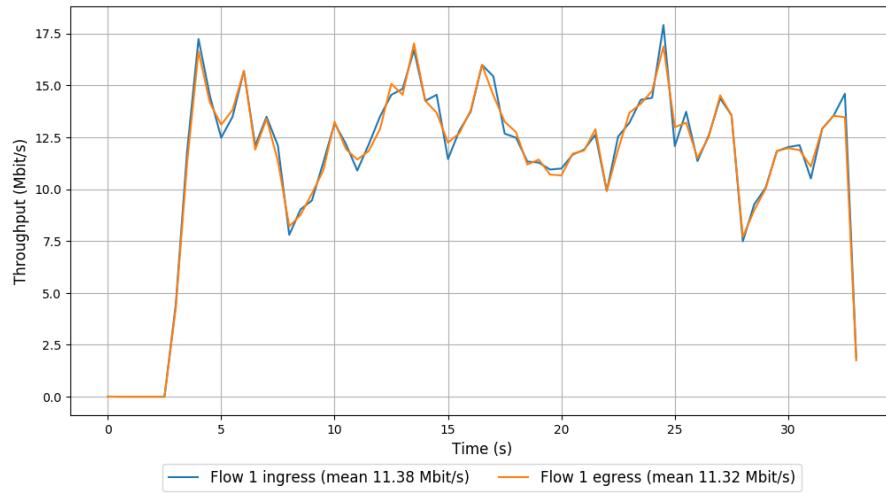
```
-- Flow 1:
```

```
Average throughput: 11.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 35.079 ms
```

```
Loss rate: 0.48%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 20 Jun 2017 00:05:33 +0000
```

```
End at: Tue, 20 Jun 2017 00:06:03 +0000
```

```
Local clock offset: 5.643 ms
```

```
Remote clock offset: -17.709 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 1.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.071 ms
```

```
Loss rate: 15.99%
```

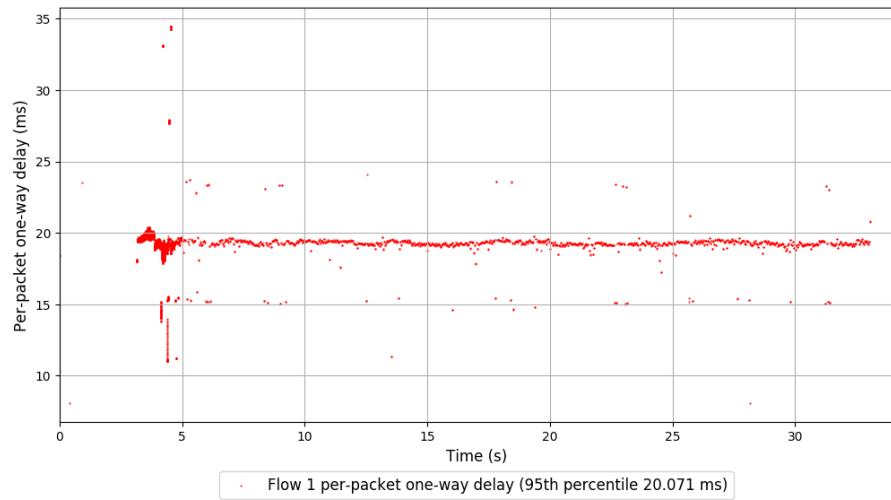
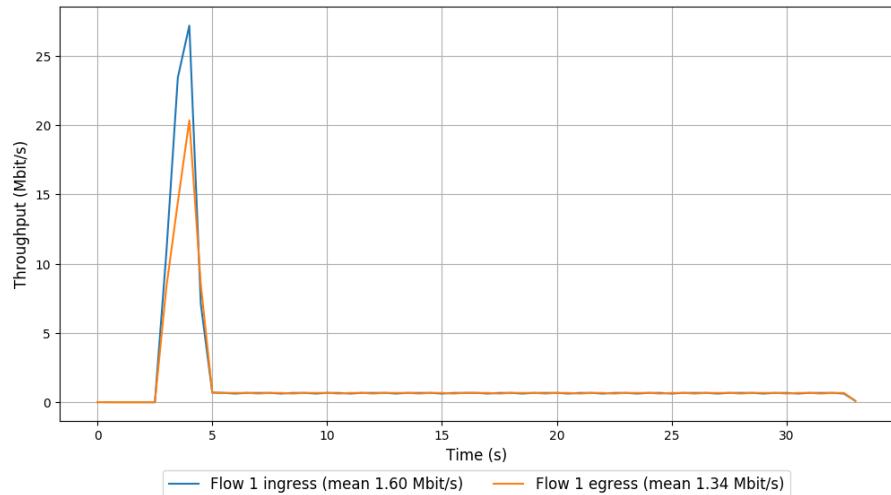
```
-- Flow 1:
```

```
Average throughput: 1.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.071 ms
```

```
Loss rate: 15.99%
```

Run 1: Report of KohoCC — Data Link

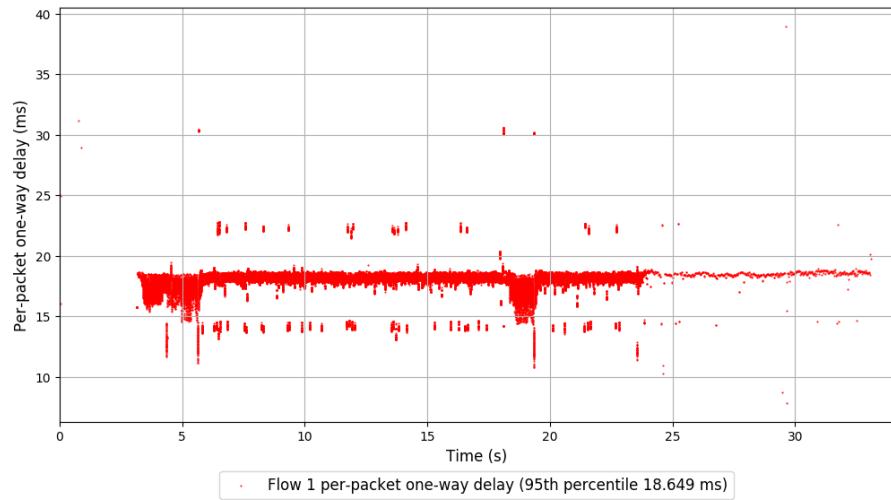
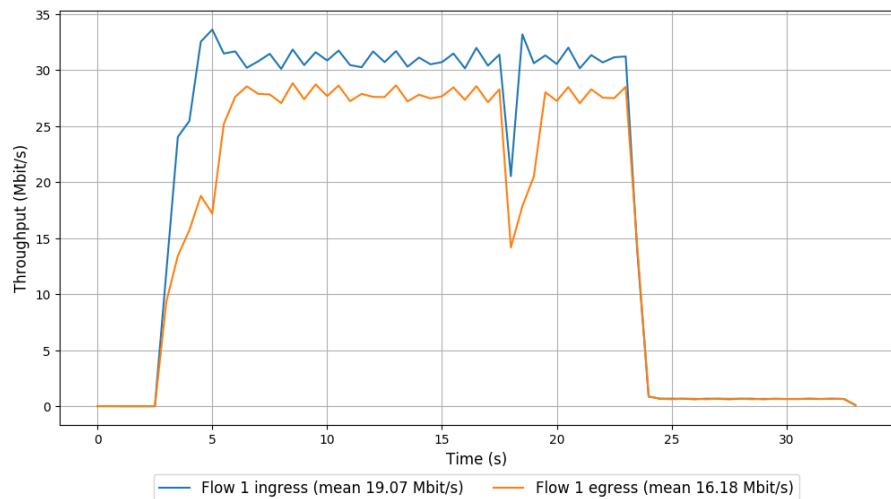


Run 2: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 00:23:24 +0000
End at: Tue, 20 Jun 2017 00:23:54 +0000
Local clock offset: 1.696 ms
Remote clock offset: -19.642 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 18.649 ms
Loss rate: 15.15%
-- Flow 1:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 18.649 ms
Loss rate: 15.15%
```

Run 2: Report of KohoCC — Data Link

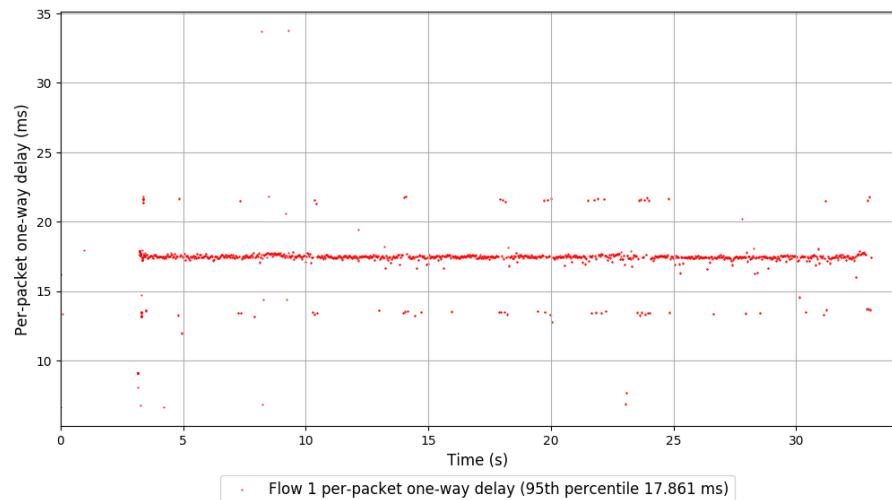
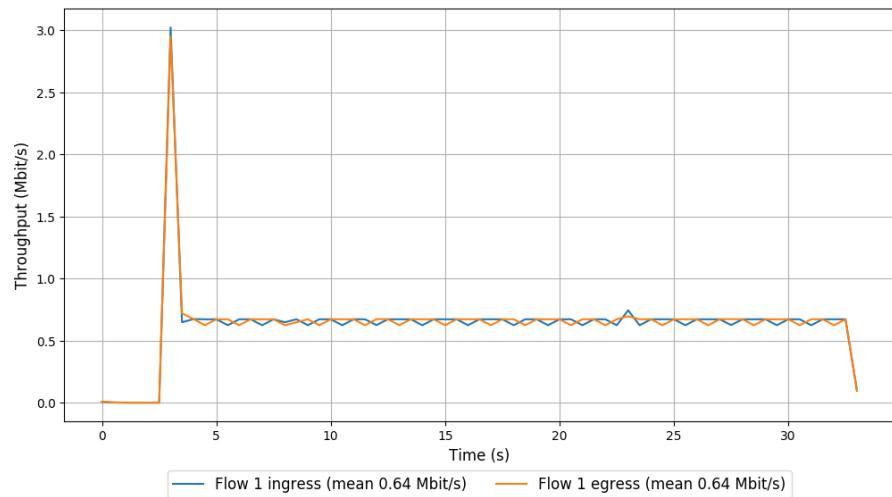


Run 3: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 00:41:27 +0000
End at: Tue, 20 Jun 2017 00:41:57 +0000
Local clock offset: 6.289 ms
Remote clock offset: -21.046 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 17.861 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 17.861 ms
Loss rate: 0.11%
```

Run 3: Report of KohoCC — Data Link

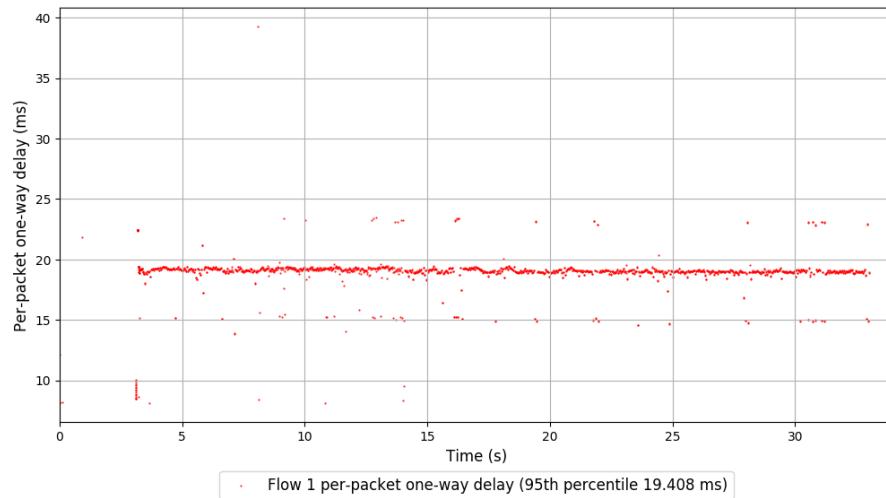
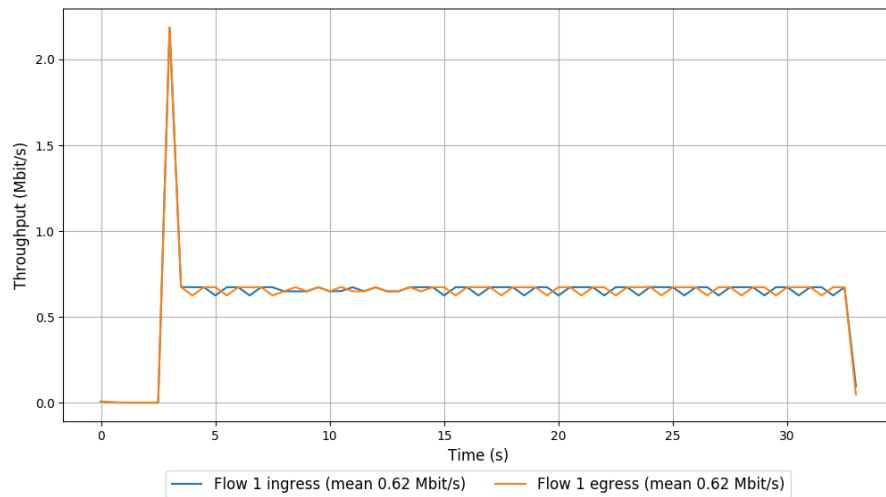


Run 4: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 00:59:11 +0000
End at: Tue, 20 Jun 2017 00:59:41 +0000
Local clock offset: -0.587 ms
Remote clock offset: -20.926 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.12%
```

Run 4: Report of KohoCC — Data Link

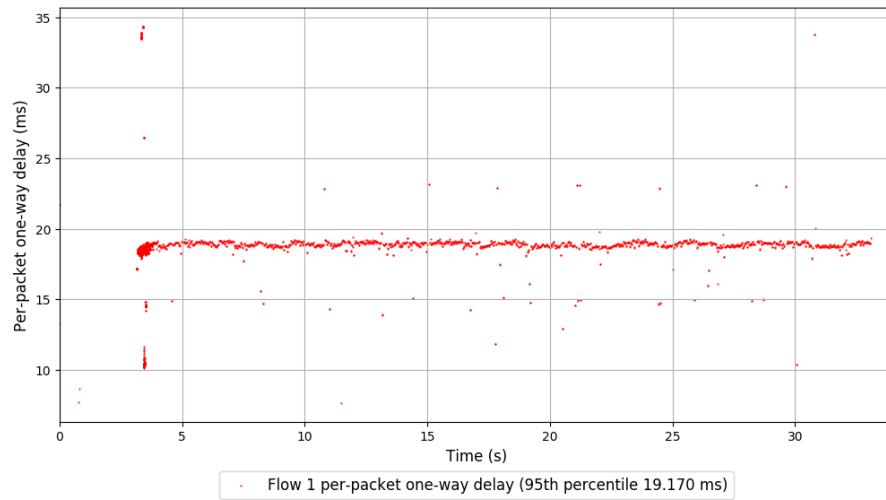
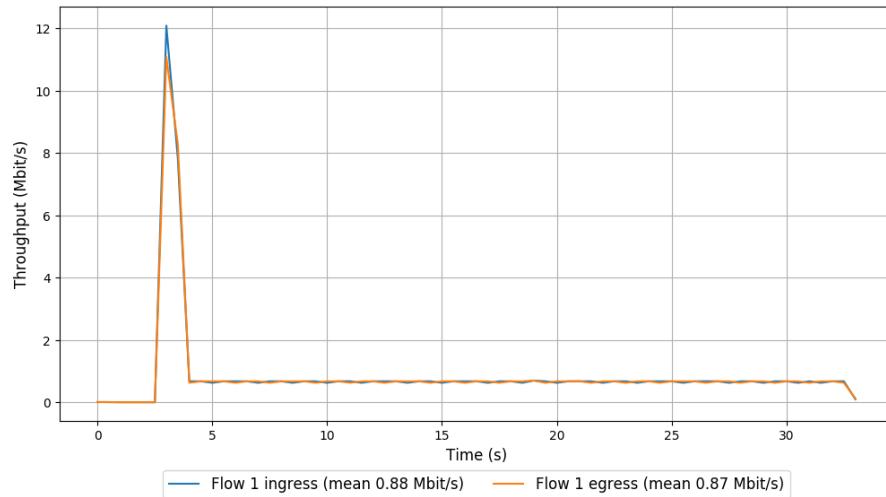


Run 5: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 01:17:02 +0000
End at: Tue, 20 Jun 2017 01:17:32 +0000
Local clock offset: 3.692 ms
Remote clock offset: -20.496 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 19.170 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 19.170 ms
Loss rate: 0.99%
```

Run 5: Report of KohoCC — Data Link

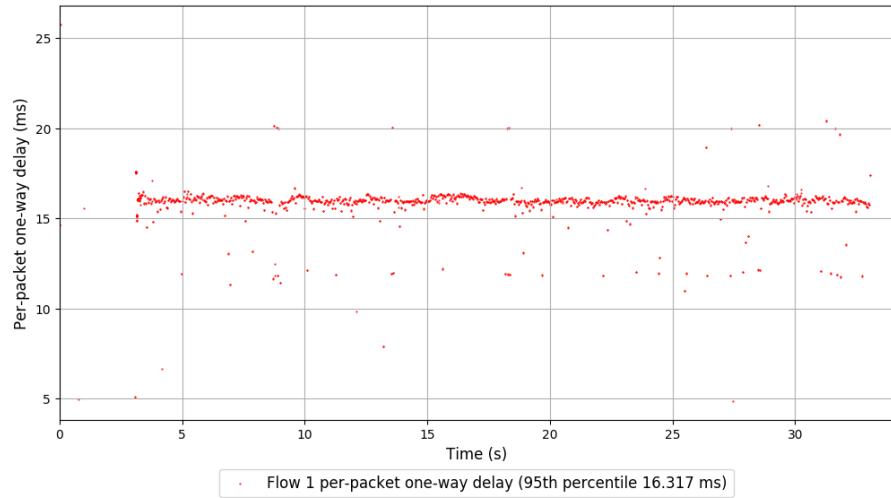
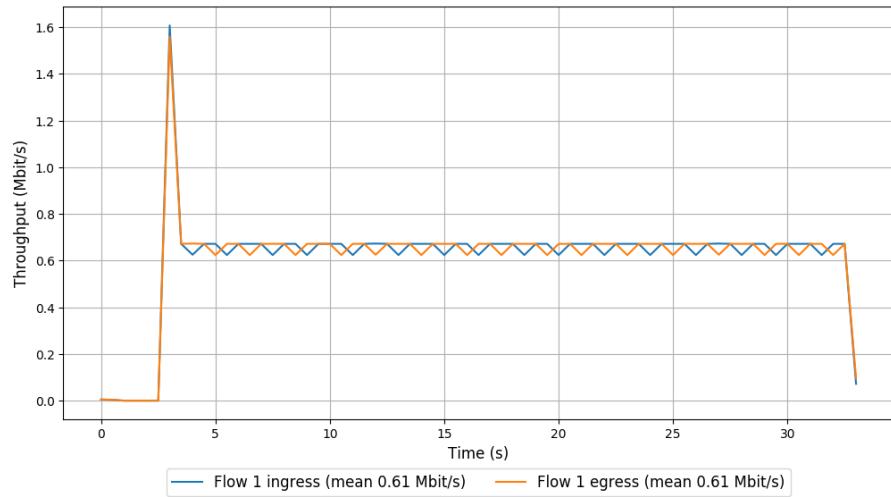


Run 6: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 01:34:56 +0000
End at: Tue, 20 Jun 2017 01:35:26 +0000
Local clock offset: -1.243 ms
Remote clock offset: -23.183 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 16.317 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 16.317 ms
Loss rate: 0.06%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 20 Jun 2017 01:52:55 +0000

End at: Tue, 20 Jun 2017 01:53:25 +0000

Local clock offset: 2.08 ms

Remote clock offset: -23.094 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:15:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 14.591 ms

Loss rate: 27.41%

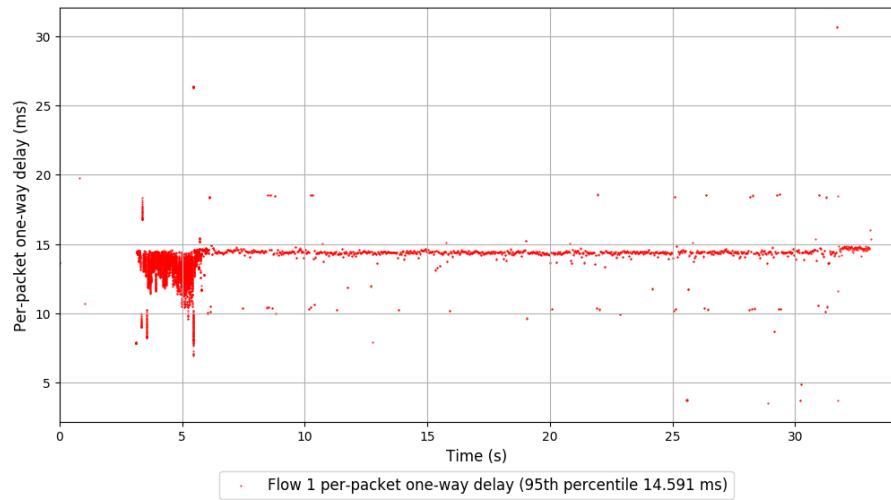
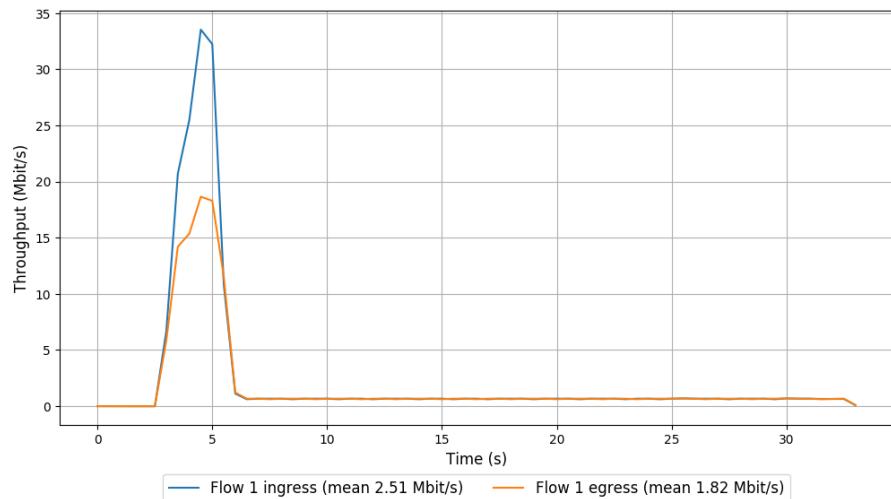
-- Flow 1:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 14.591 ms

Loss rate: 27.41%

Run 7: Report of KohoCC — Data Link

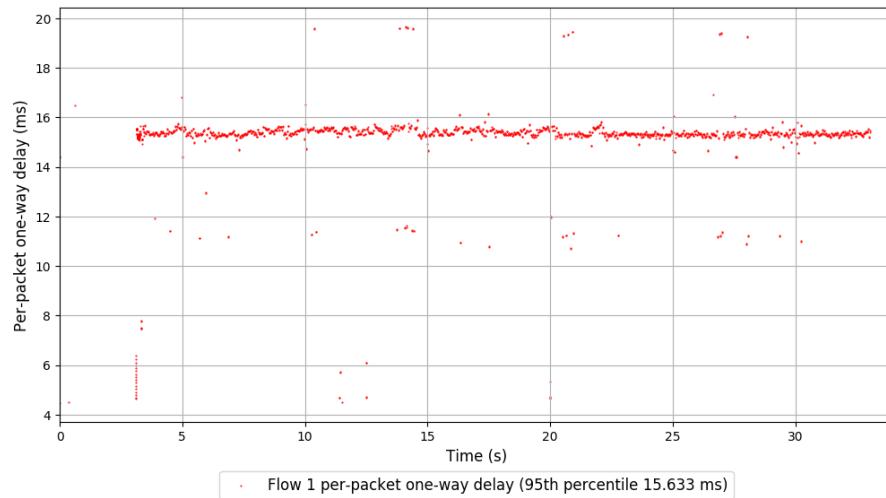
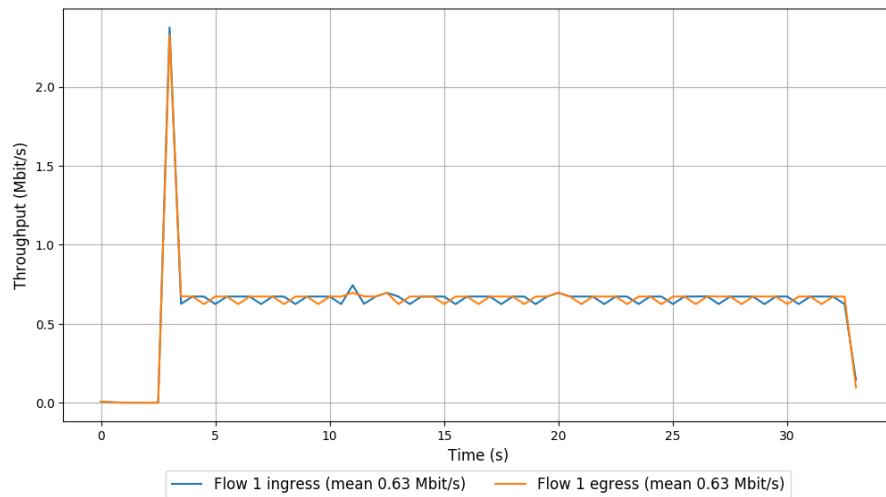


Run 8: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:10:57 +0000
End at: Tue, 20 Jun 2017 02:11:27 +0000
Local clock offset: 6.946 ms
Remote clock offset: -22.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 15.633 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 15.633 ms
Loss rate: 0.12%
```

Run 8: Report of KohoCC — Data Link

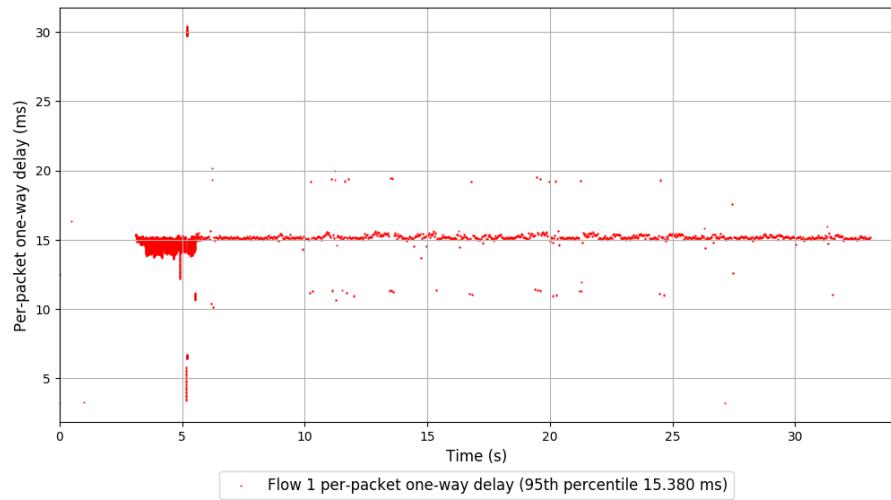
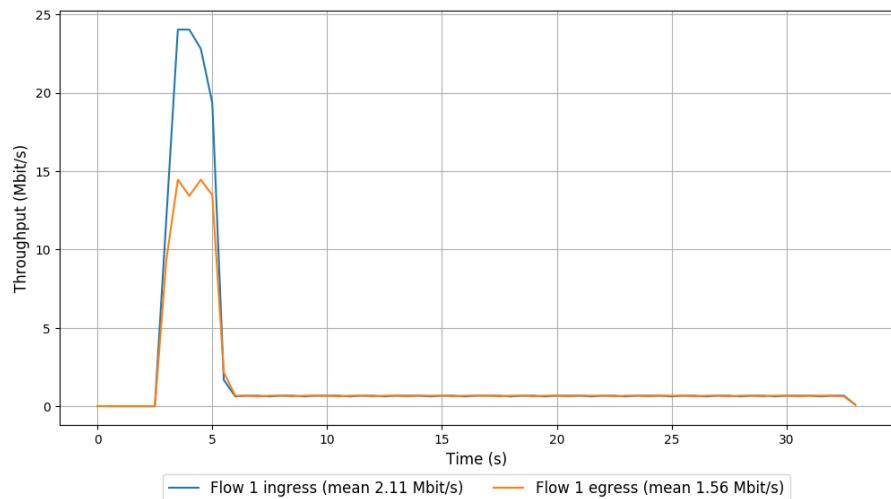


Run 9: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:28:49 +0000
End at: Tue, 20 Jun 2017 02:29:19 +0000
Local clock offset: 4.185 ms
Remote clock offset: -21.867 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 26.24%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 26.24%
```

Run 9: Report of KohoCC — Data Link

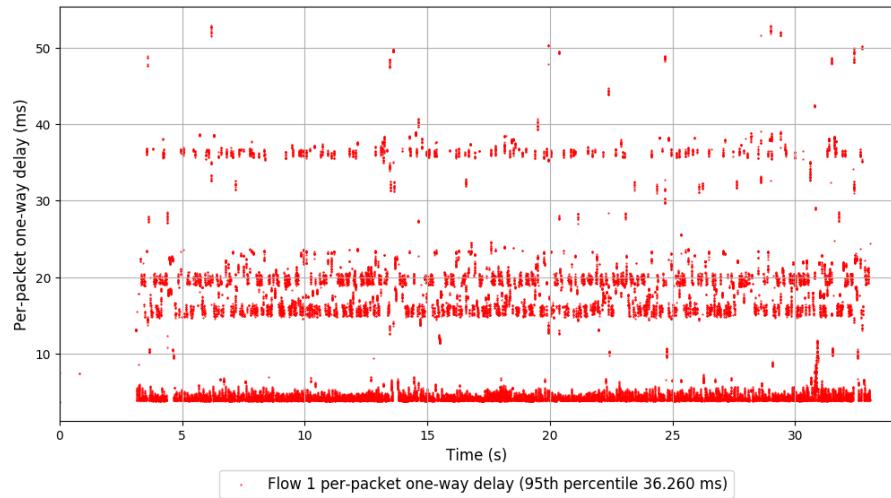
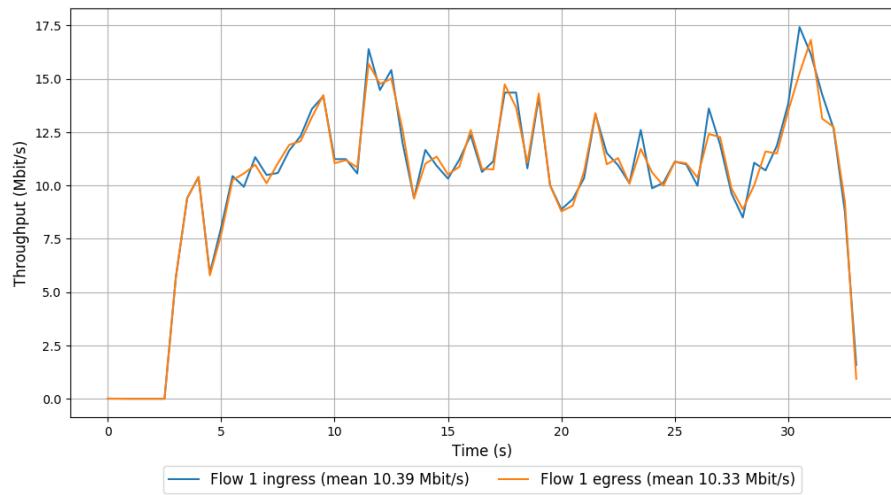


Run 10: Statistics of KohoCC

```
Start at: Tue, 20 Jun 2017 02:46:59 +0000
End at: Tue, 20 Jun 2017 02:47:29 +0000
Local clock offset: 3.835 ms
Remote clock offset: -23.276 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:15:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.33 Mbit/s
95th percentile per-packet one-way delay: 36.260 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 10.33 Mbit/s
95th percentile per-packet one-way delay: 36.260 ms
Loss rate: 0.72%
```

Run 10: Report of KohoCC — Data Link

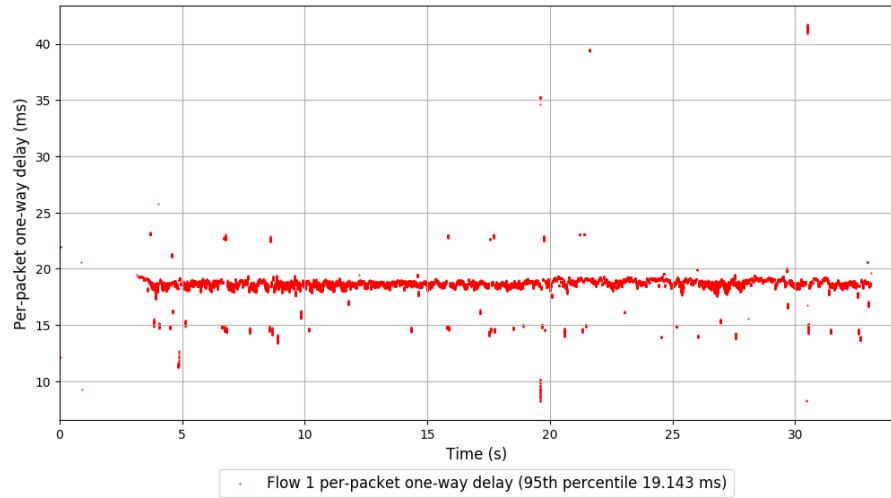
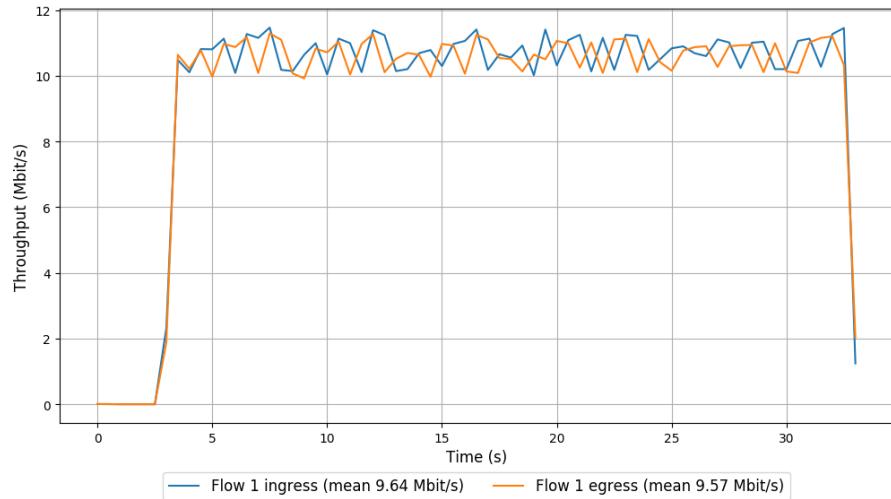


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 20 Jun 2017 00:01:00 +0000
End at: Tue, 20 Jun 2017 00:01:30 +0000
Local clock offset: 5.611 ms
Remote clock offset: -18.944 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.57 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 9.57 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.76%
```

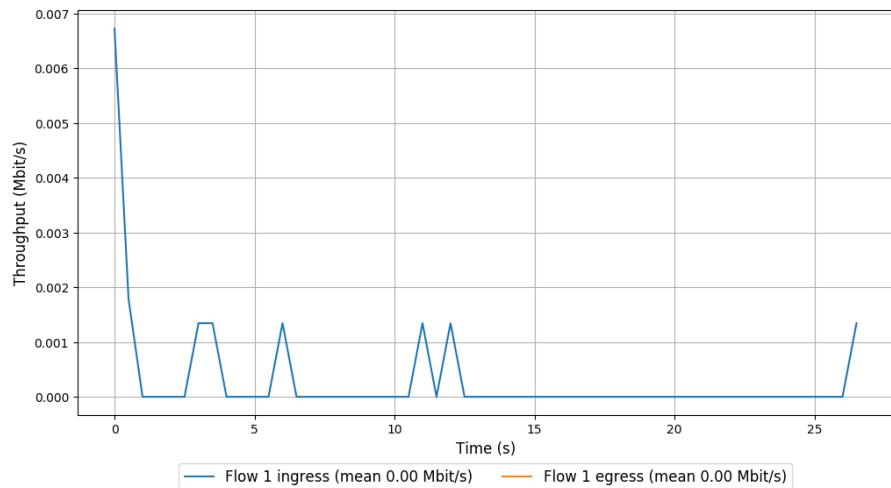
Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 00:18:50 +0000
End at: Tue, 20 Jun 2017 00:19:20 +0000
Local clock offset: 6.983 ms
Remote clock offset: -20.386 ms

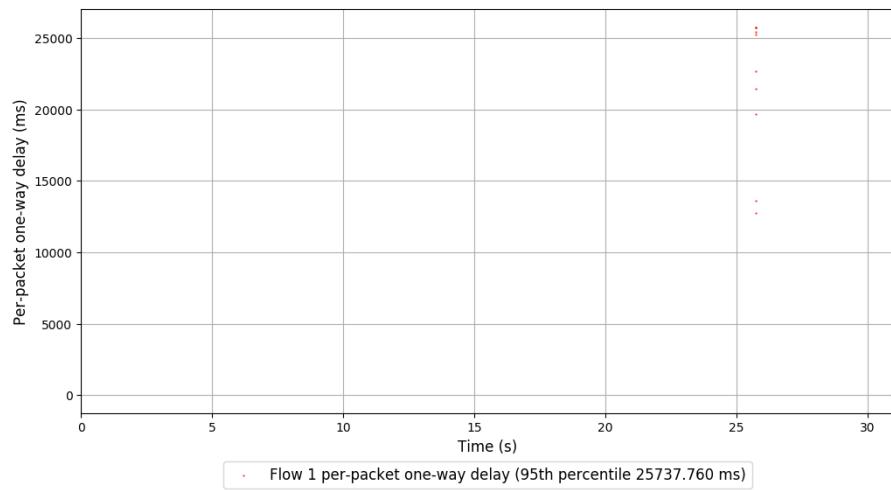
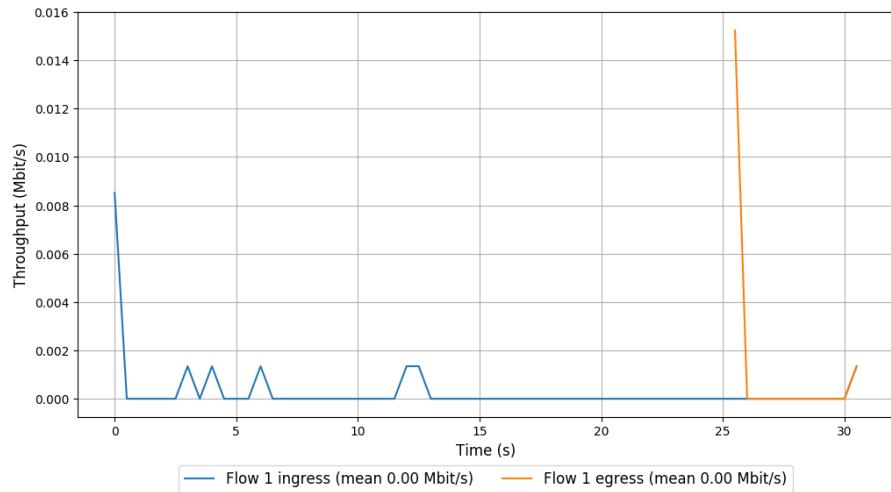
Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 00:36:51 +0000
End at: Tue, 20 Jun 2017 00:37:21 +0000
Local clock offset: 1.413 ms
Remote clock offset: -20.579 ms

Run 3: Report of LEDBAT — Data Link

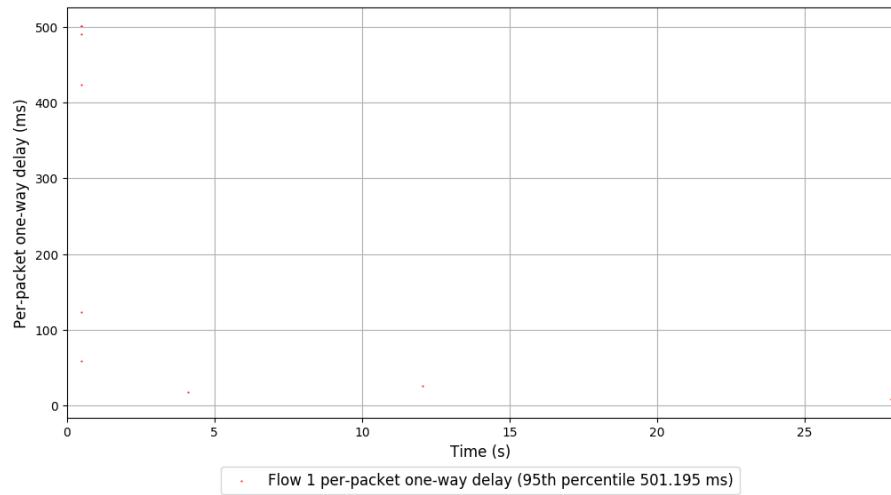
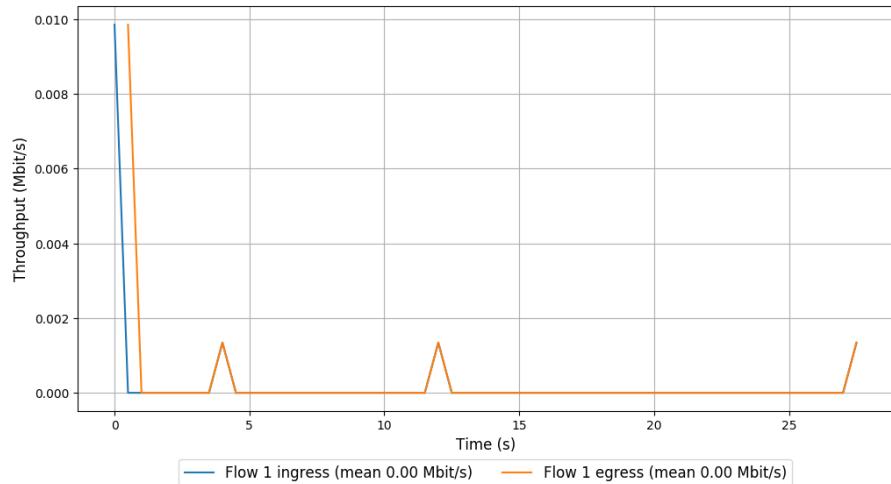


Run 4: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 00:54:38 +0000
End at: Tue, 20 Jun 2017 00:55:08 +0000
Local clock offset: -5.272 ms
Remote clock offset: -18.37 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 501.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 501.195 ms
Loss rate: 0.00%
```

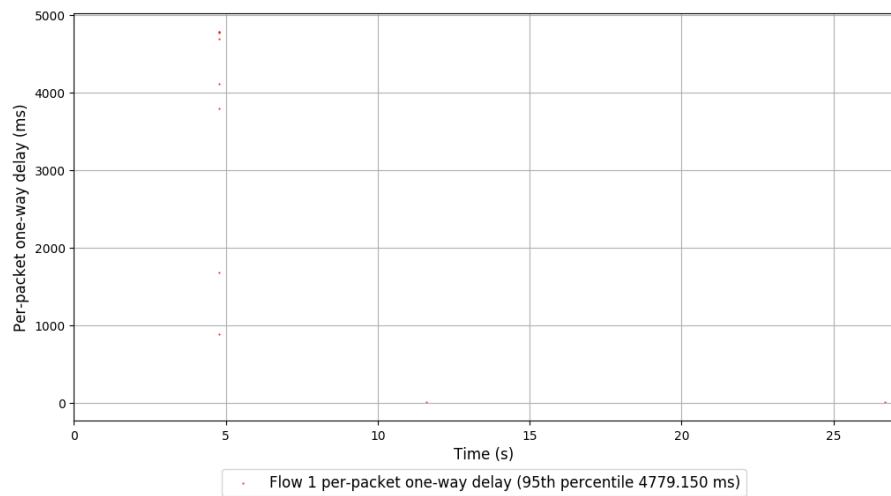
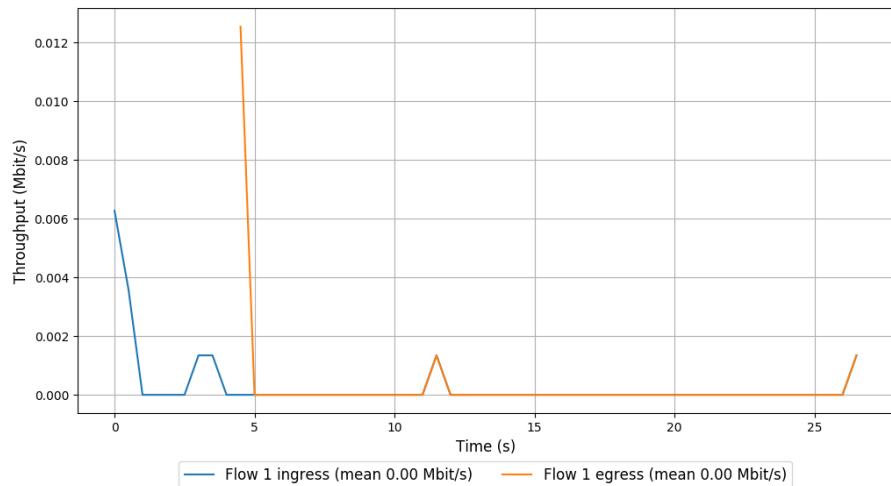
Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 01:12:26 +0000
End at: Tue, 20 Jun 2017 01:12:56 +0000
Local clock offset: 3.818 ms
Remote clock offset: -19.198 ms

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 01:30:22 +0000
End at: Tue, 20 Jun 2017 01:30:52 +0000
Local clock offset: 5.677 ms
Remote clock offset: -21.348 ms

Run 6: Report of LEDBAT — Data Link

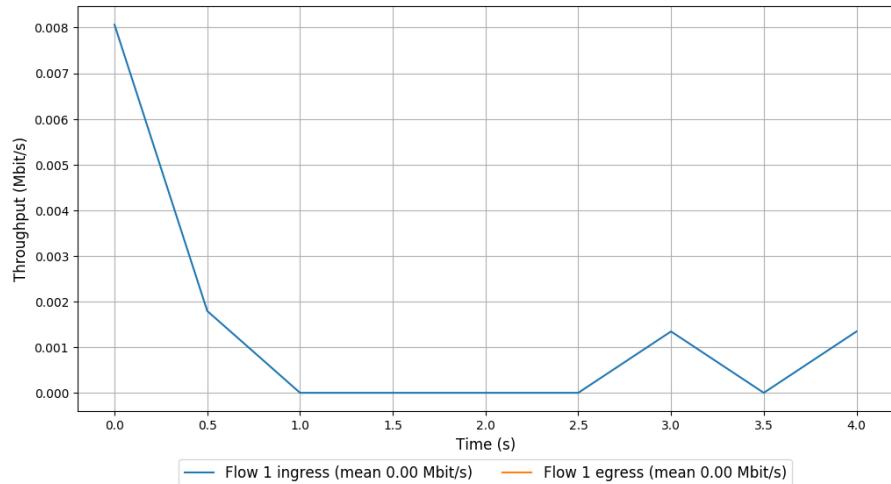


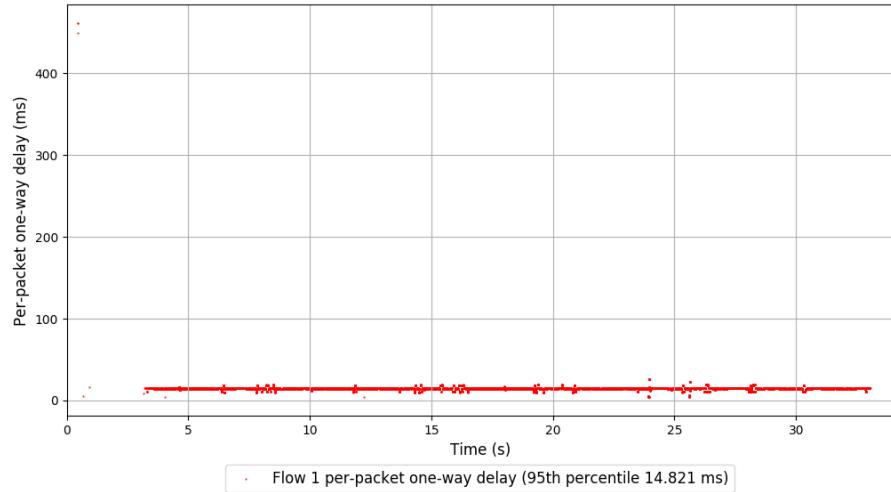
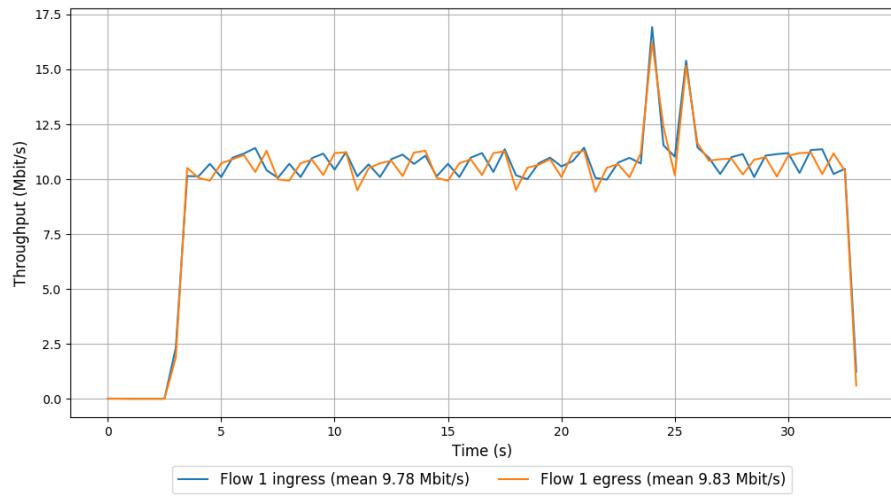
Figure is missing

Run 7: Statistics of LEDBAT

```
Start at: Tue, 20 Jun 2017 01:48:19 +0000
End at: Tue, 20 Jun 2017 01:48:49 +0000
Local clock offset: 6.68 ms
Remote clock offset: -22.455 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 14.821 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 14.821 ms
Loss rate: 0.78%
```

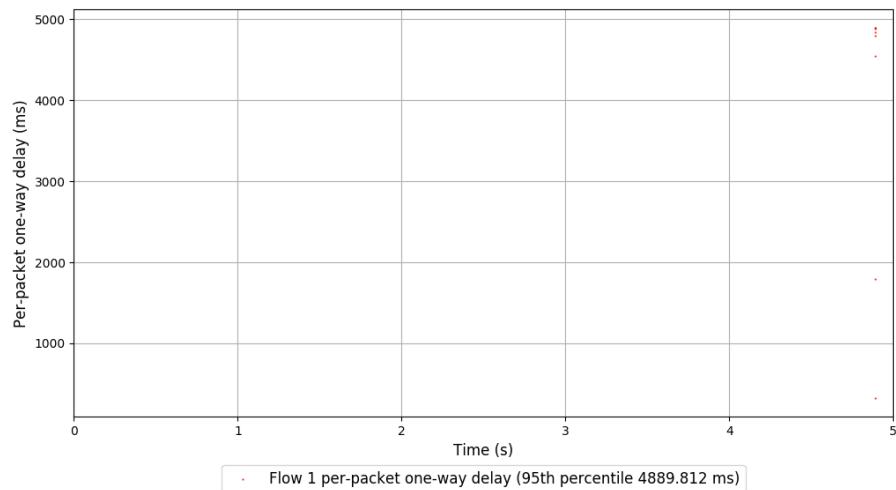
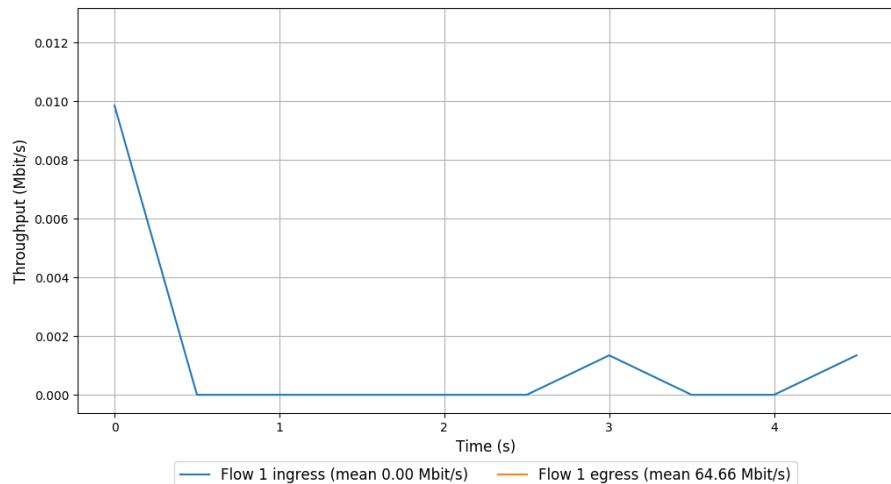
Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 02:06:22 +0000
End at: Tue, 20 Jun 2017 02:06:52 +0000
Local clock offset: 3.949 ms
Remote clock offset: -21.954 ms

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 02:24:16 +0000
End at: Tue, 20 Jun 2017 02:24:46 +0000
Local clock offset: -2.575 ms
Remote clock offset: -23.513 ms

Run 9: Report of LEDBAT — Data Link

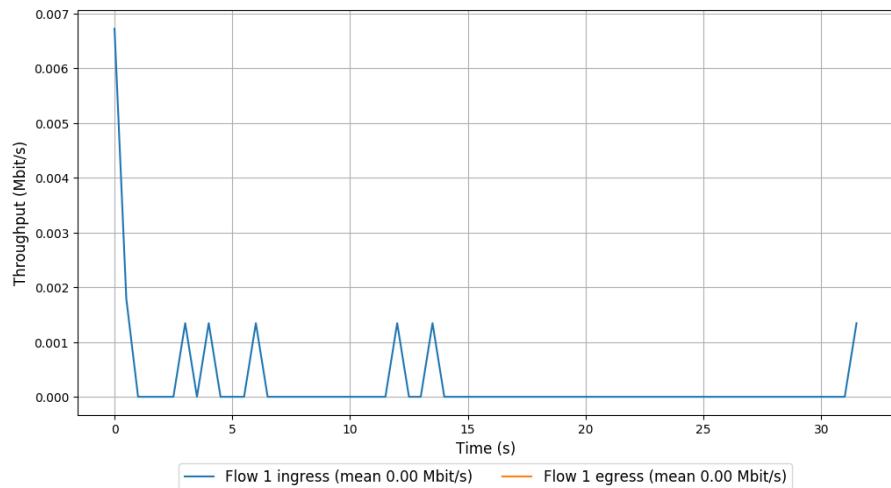
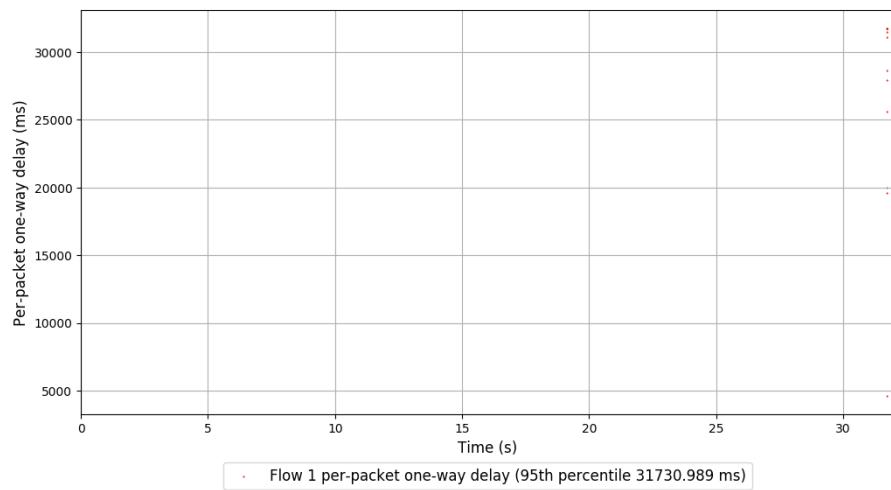
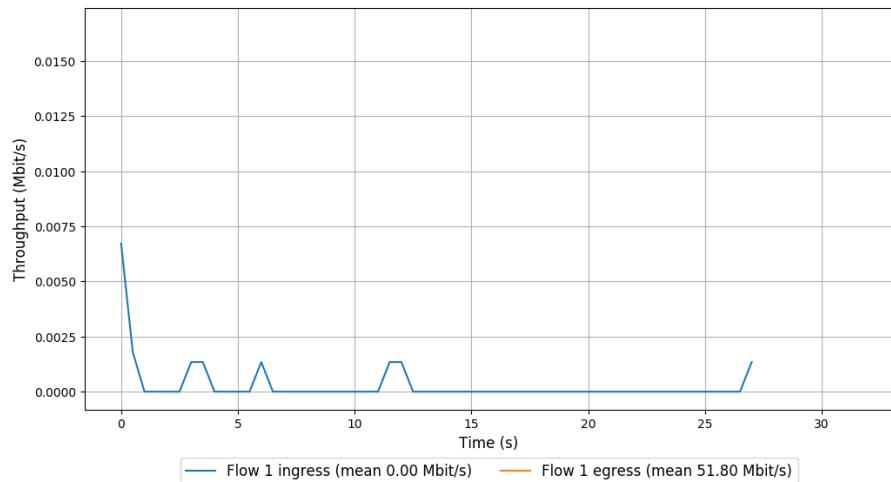


Figure is missing

Run 10: Statistics of LEDBAT

Start at: Tue, 20 Jun 2017 02:42:22 +0000
End at: Tue, 20 Jun 2017 02:42:52 +0000
Local clock offset: 3.62 ms
Remote clock offset: -21.464 ms

Run 10: Report of LEDBAT — Data Link

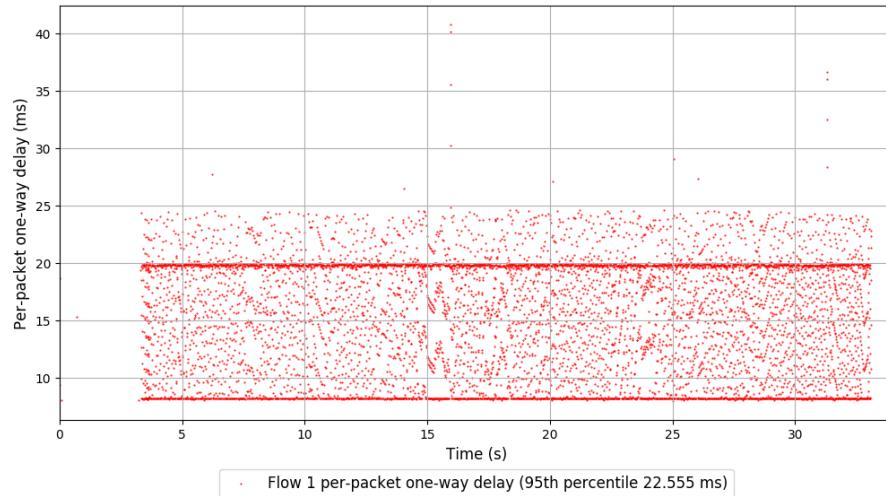
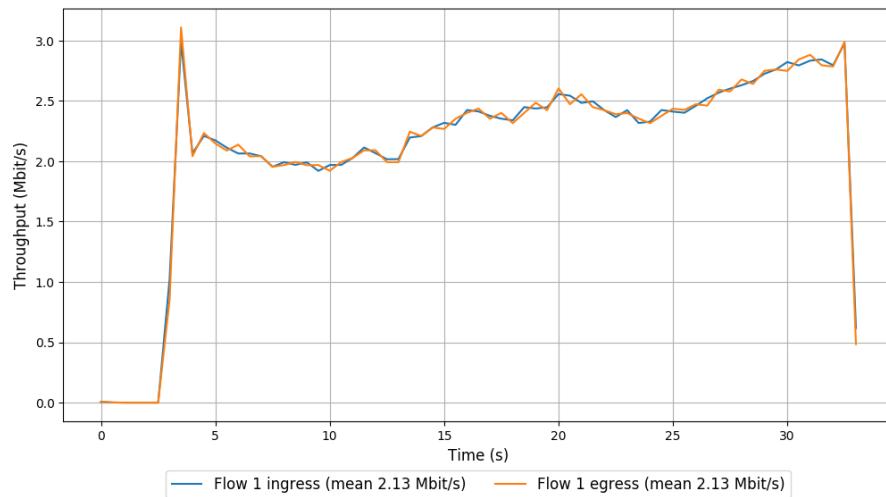


Run 1: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:07:47 +0000
End at: Tue, 20 Jun 2017 00:08:17 +0000
Local clock offset: 4.77 ms
Remote clock offset: -19.489 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 22.555 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 22.555 ms
Loss rate: 0.15%
```

Run 1: Report of PCC — Data Link

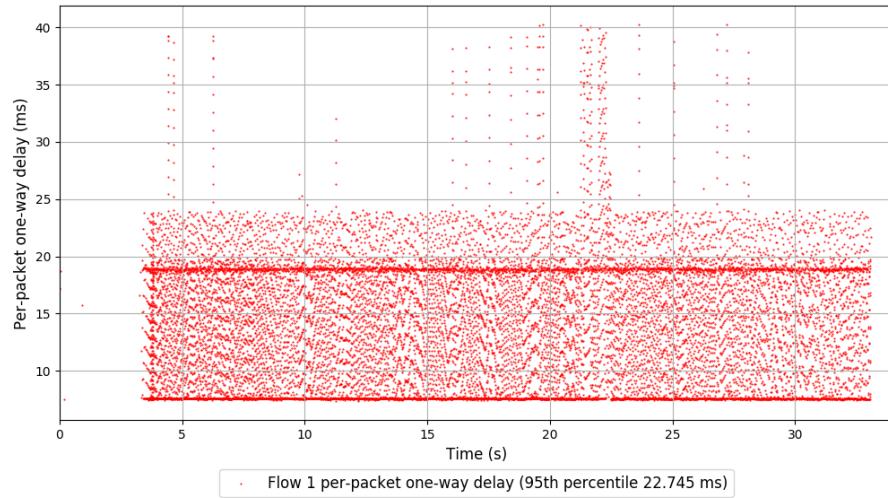
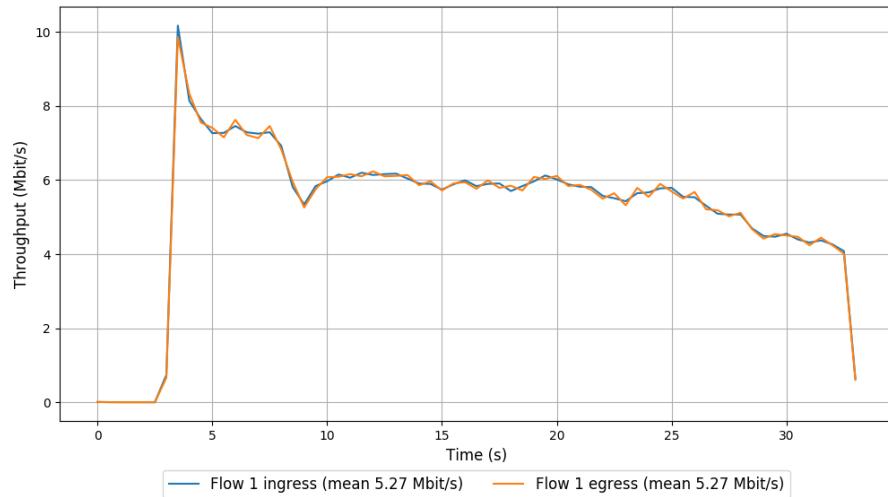


Run 2: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:25:46 +0000
End at: Tue, 20 Jun 2017 00:26:16 +0000
Local clock offset: -0.452 ms
Remote clock offset: -18.303 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.06%
```

Run 2: Report of PCC — Data Link

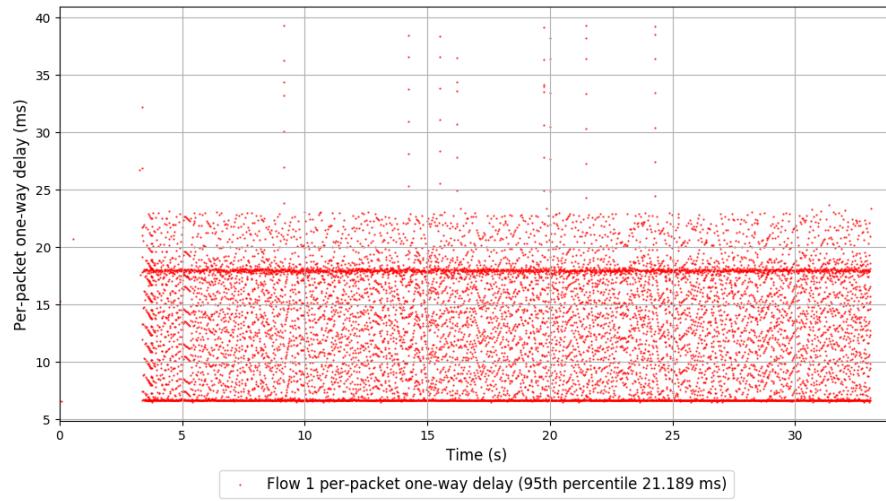
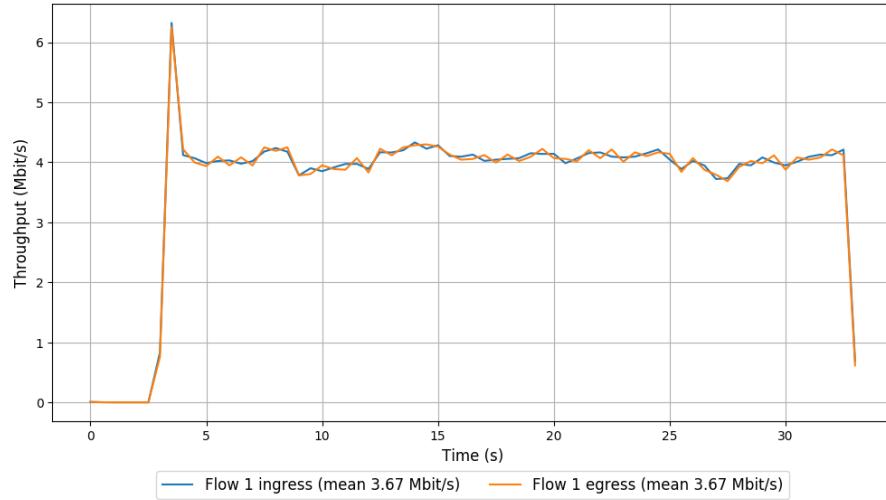


Run 3: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 00:43:43 +0000
End at: Tue, 20 Jun 2017 00:44:13 +0000
Local clock offset: 6.802 ms
Remote clock offset: -19.658 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:16:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 21.189 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 21.189 ms
Loss rate: 0.09%
```

Run 3: Report of PCC — Data Link

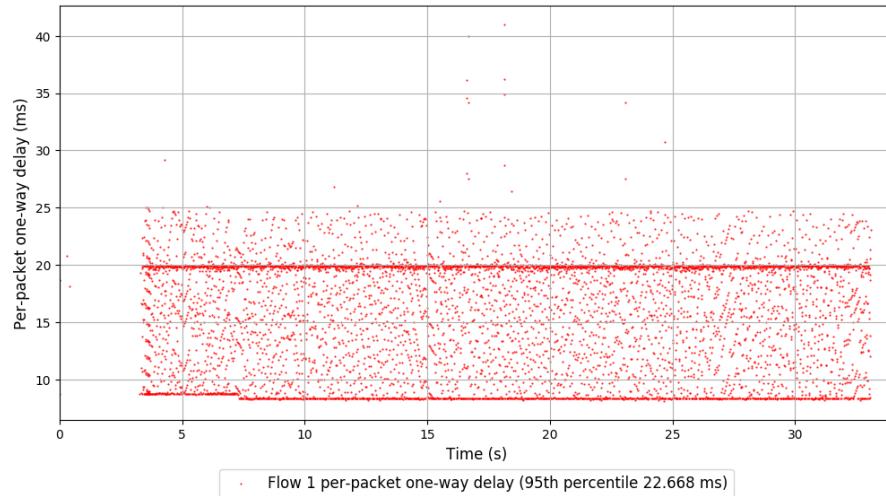
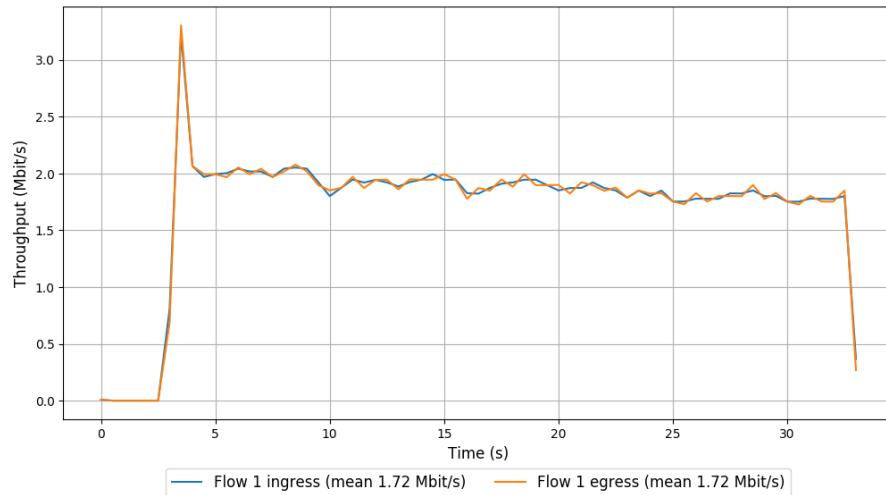


Run 4: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:01:28 +0000
End at: Tue, 20 Jun 2017 01:01:58 +0000
Local clock offset: -5.964 ms
Remote clock offset: -21.536 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 22.668 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 22.668 ms
Loss rate: 0.11%
```

Run 4: Report of PCC — Data Link

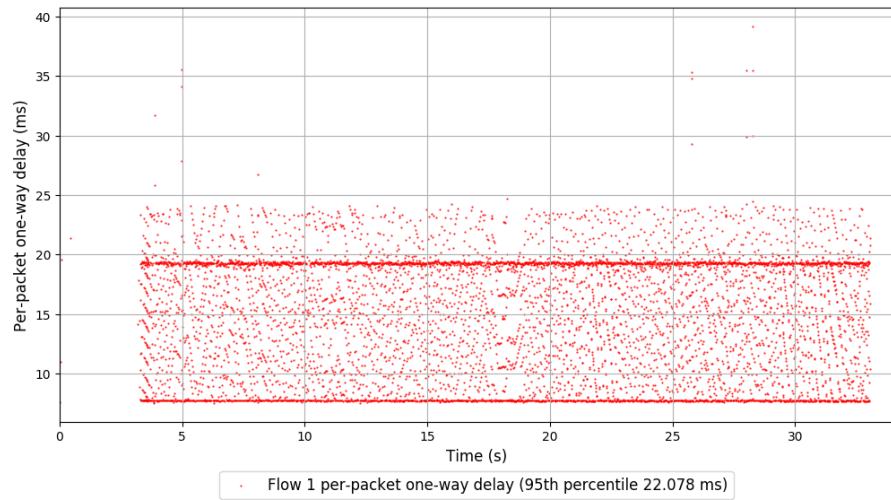
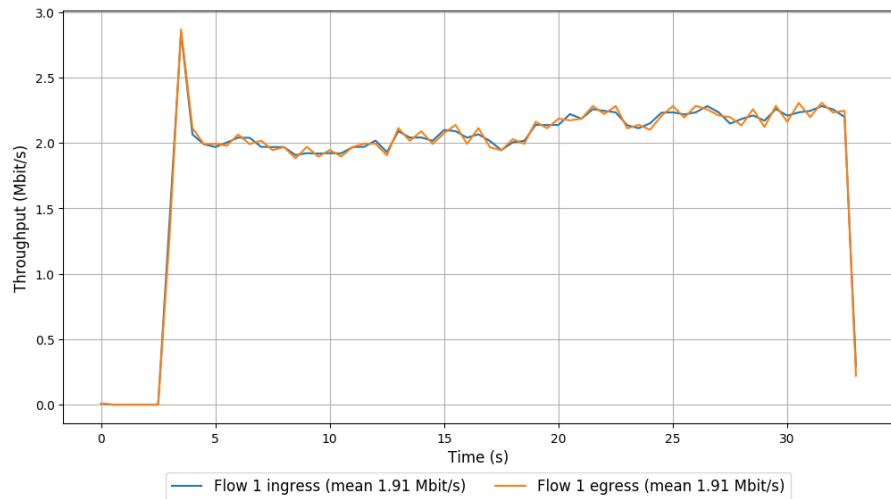


Run 5: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:19:17 +0000
End at: Tue, 20 Jun 2017 01:19:47 +0000
Local clock offset: 4.065 ms
Remote clock offset: -21.297 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 22.078 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 22.078 ms
Loss rate: 0.08%
```

Run 5: Report of PCC — Data Link

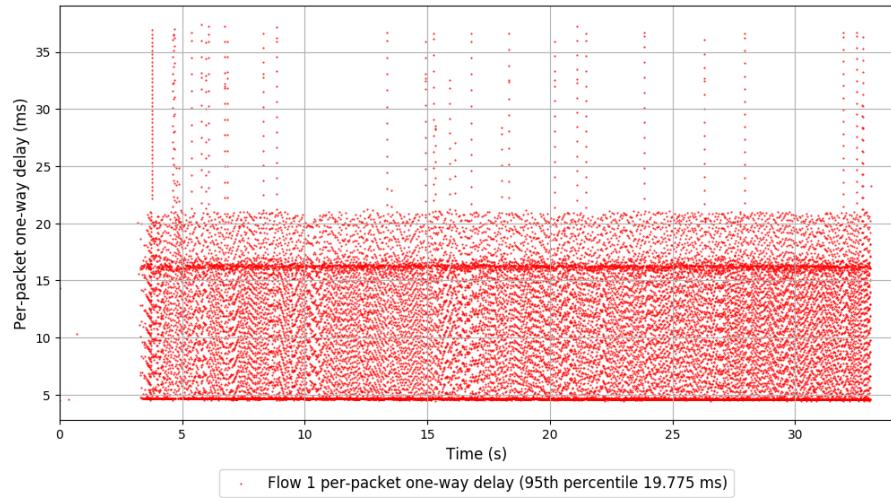
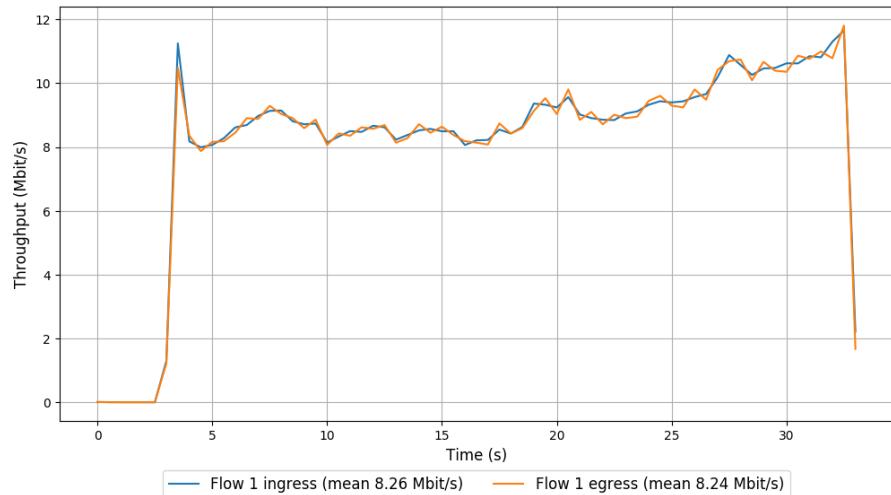


Run 6: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:37:10 +0000
End at: Tue, 20 Jun 2017 01:37:40 +0000
Local clock offset: 4.737 ms
Remote clock offset: -23.345 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 19.775 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 19.775 ms
Loss rate: 0.29%
```

Run 6: Report of PCC — Data Link

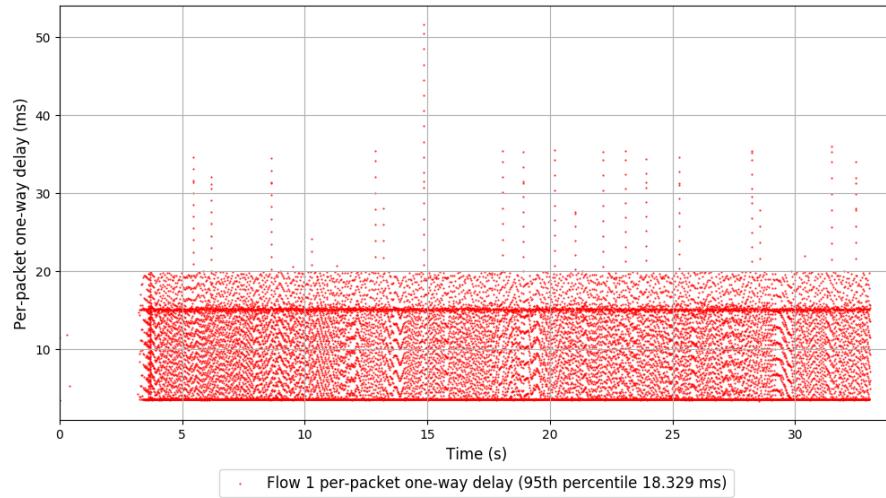
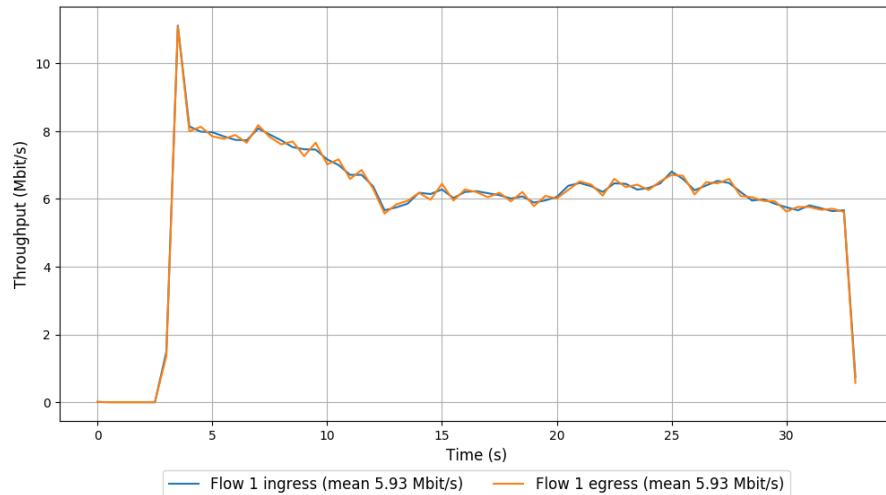


Run 7: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 01:55:12 +0000
End at: Tue, 20 Jun 2017 01:55:43 +0000
Local clock offset: 6.138 ms
Remote clock offset: -23.865 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 18.329 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 5.93 Mbit/s
95th percentile per-packet one-way delay: 18.329 ms
Loss rate: 0.10%
```

Run 7: Report of PCC — Data Link

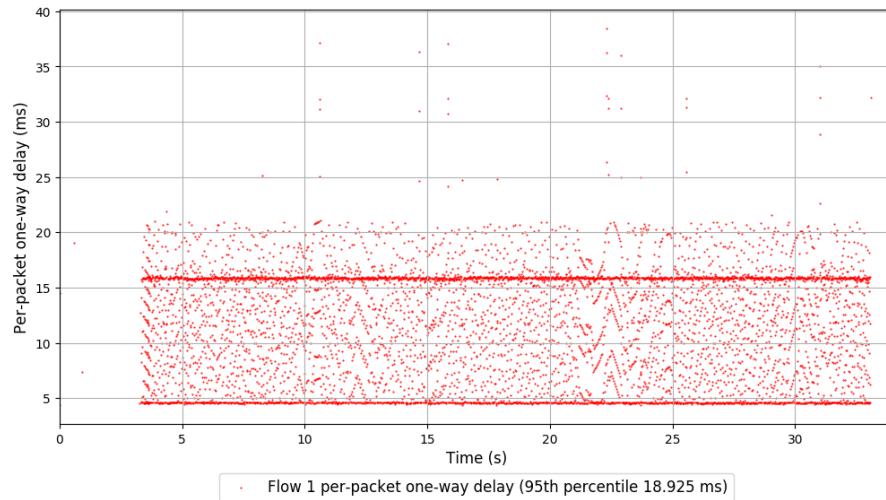
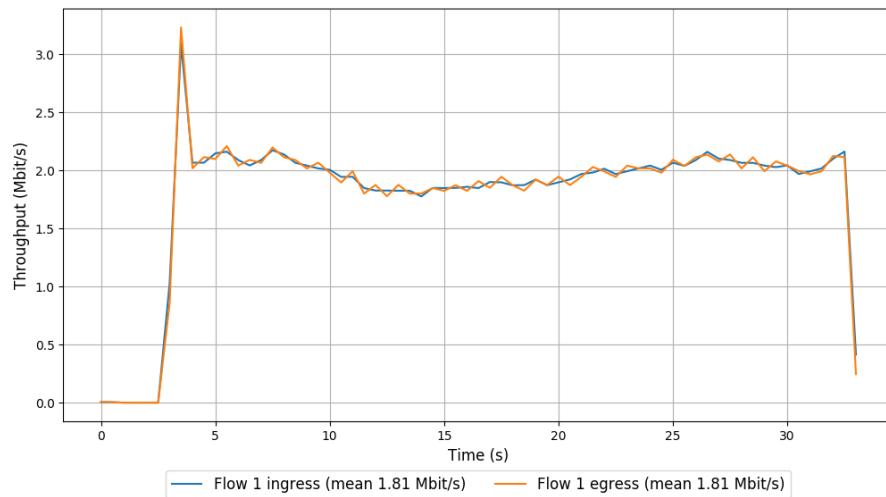


Run 8: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:13:11 +0000
End at: Tue, 20 Jun 2017 02:13:41 +0000
Local clock offset: 5.644 ms
Remote clock offset: -22.354 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.20%
```

Run 8: Report of PCC — Data Link

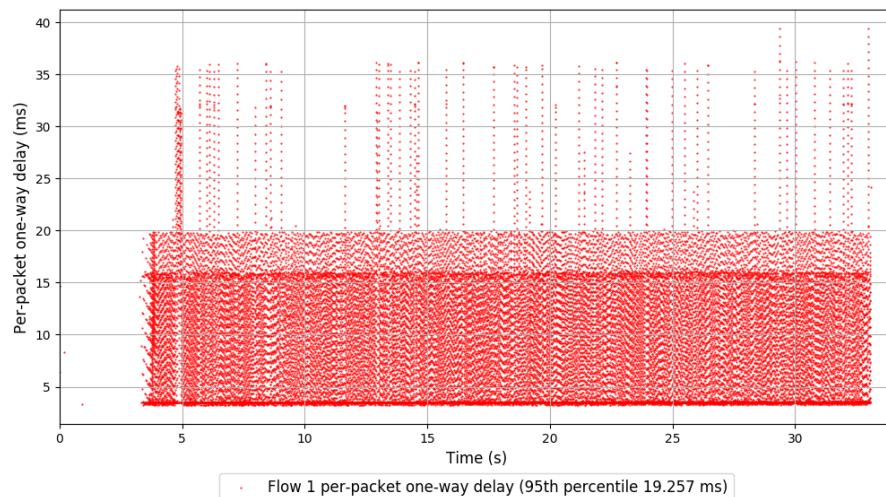
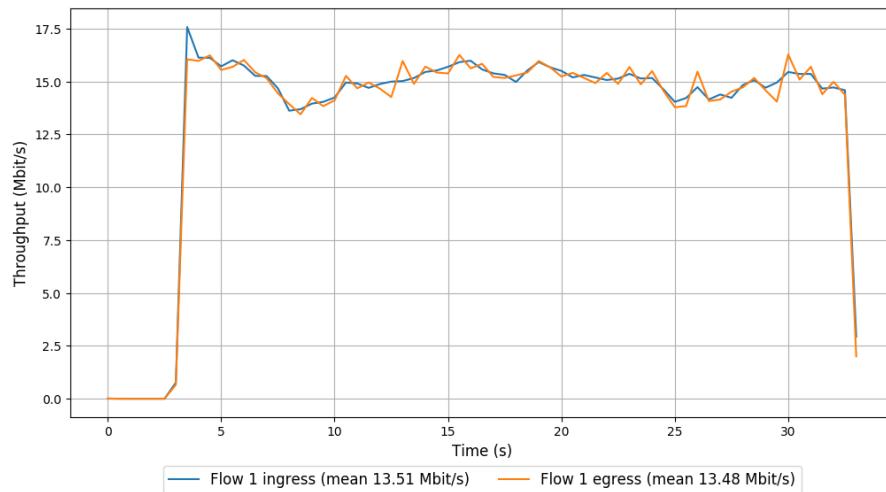


Run 9: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:31:04 +0000
End at: Tue, 20 Jun 2017 02:31:34 +0000
Local clock offset: 5.444 ms
Remote clock offset: -22.38 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 19.257 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 19.257 ms
Loss rate: 0.36%
```

Run 9: Report of PCC — Data Link

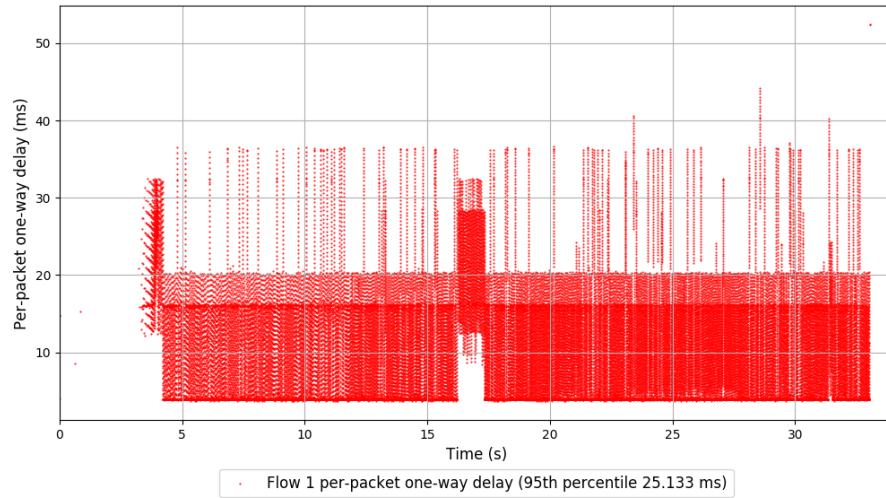
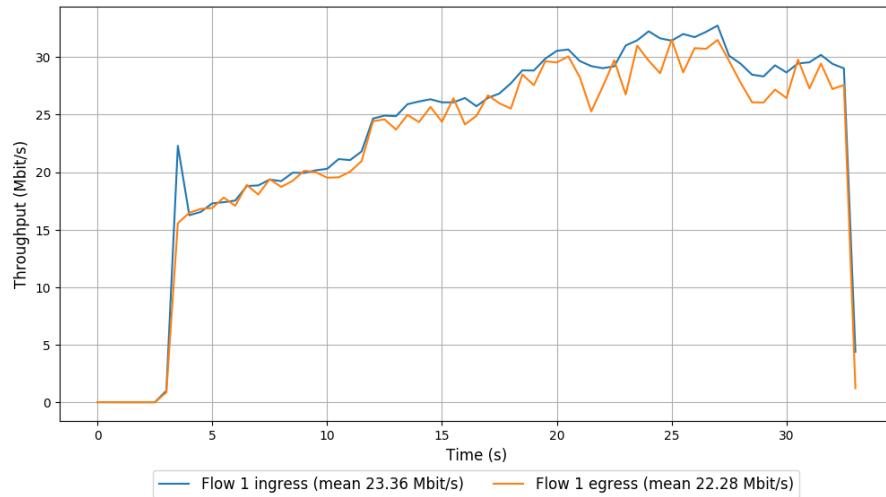


Run 10: Statistics of PCC

```
Start at: Tue, 20 Jun 2017 02:49:20 +0000
End at: Tue, 20 Jun 2017 02:49:50 +0000
Local clock offset: 4.883 ms
Remote clock offset: -22.143 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 25.133 ms
Loss rate: 4.72%
-- Flow 1:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 25.133 ms
Loss rate: 4.72%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 20 Jun 2017 00:08:54 +0000
```

```
End at: Tue, 20 Jun 2017 00:09:24 +0000
```

```
Local clock offset: 6.291 ms
```

```
Remote clock offset: -17.348 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:17:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.373 ms
```

```
Loss rate: 1.07%
```

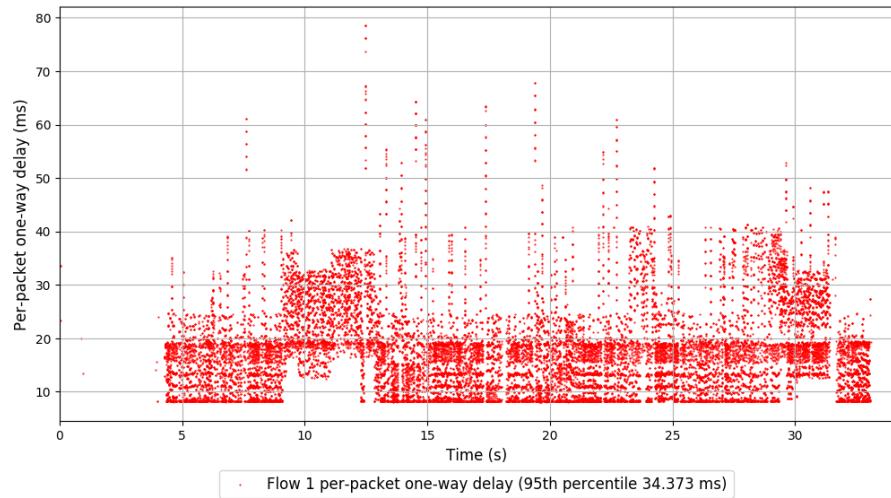
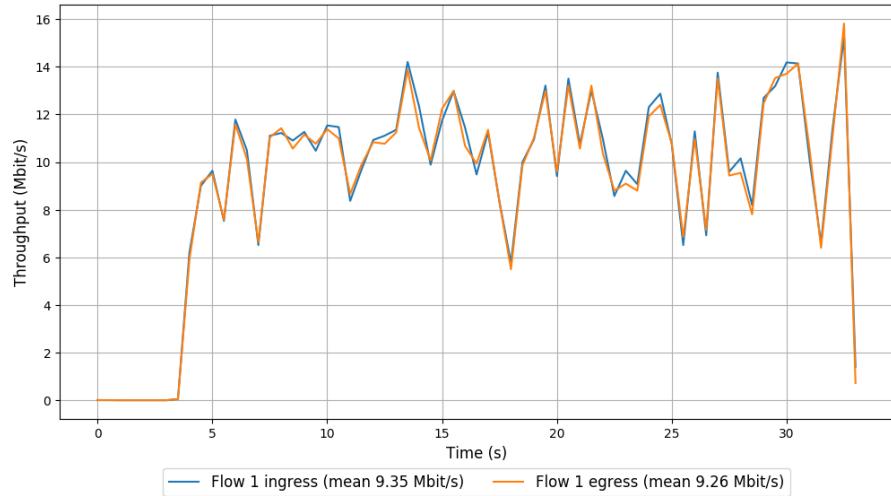
```
-- Flow 1:
```

```
Average throughput: 9.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.373 ms
```

```
Loss rate: 1.07%
```

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



Run 2: Statistics of QUIC Cubic (toy)

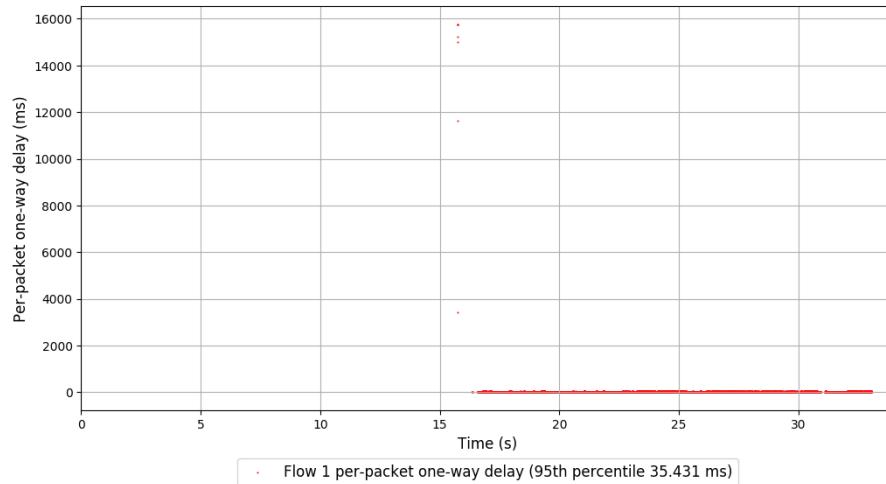
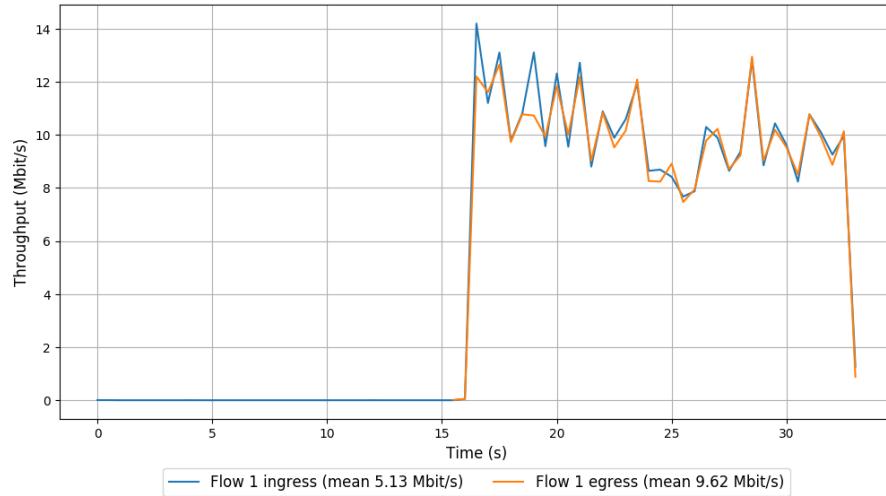
Start at: Tue, 20 Jun 2017 00:26:55 +0000

End at: Tue, 20 Jun 2017 00:27:25 +0000

Local clock offset: 5.821 ms

Remote clock offset: -18.205 ms

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

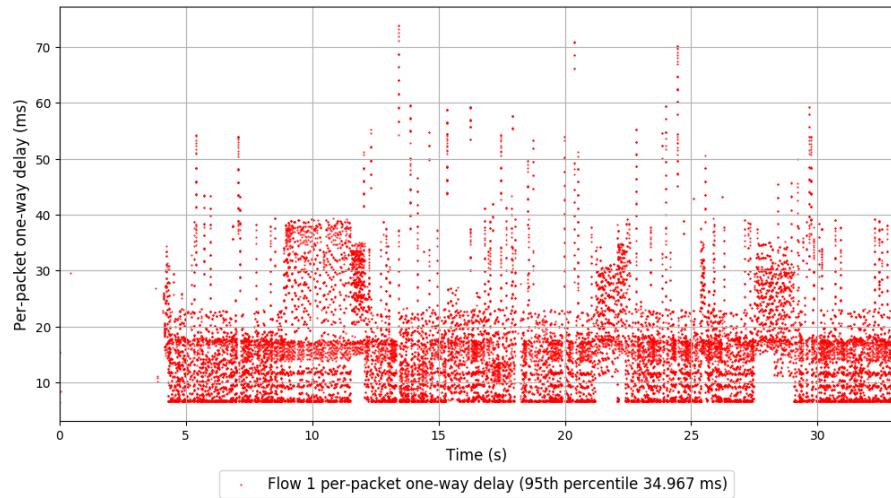
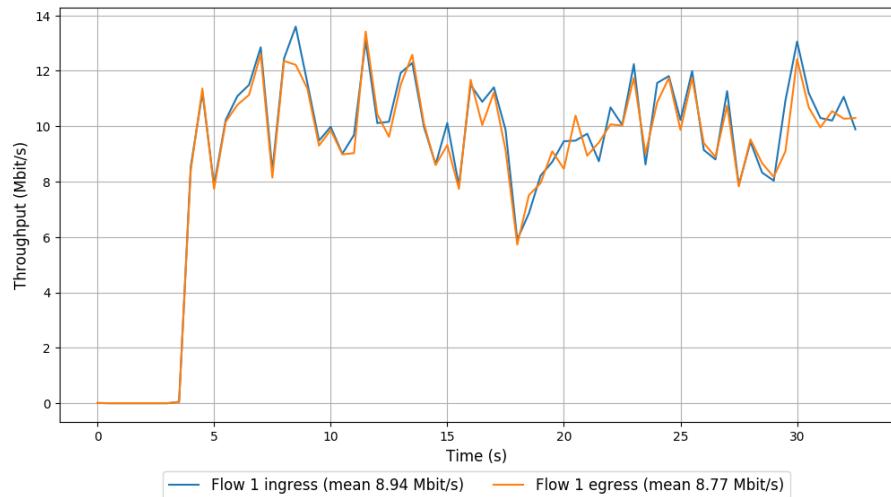


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 00:44:50 +0000
End at: Tue, 20 Jun 2017 00:45:20 +0000
Local clock offset: 6.374 ms
Remote clock offset: -21.128 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 34.967 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 34.967 ms
Loss rate: 1.90%
```

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

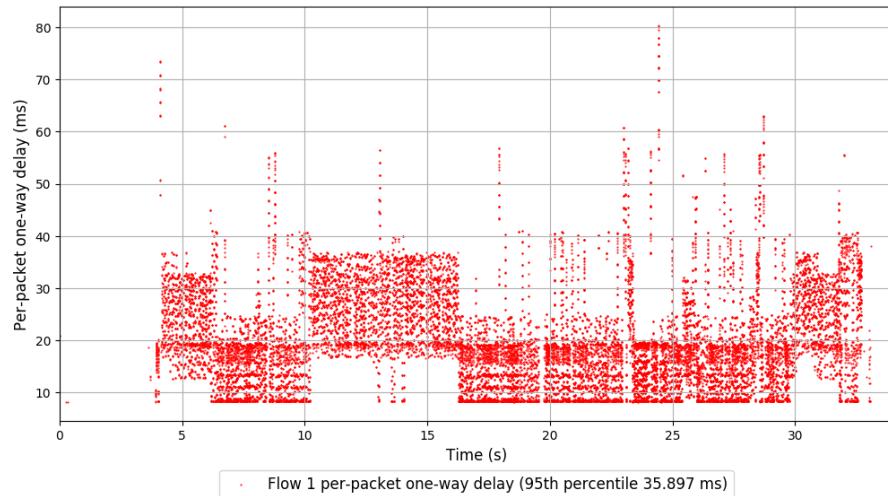
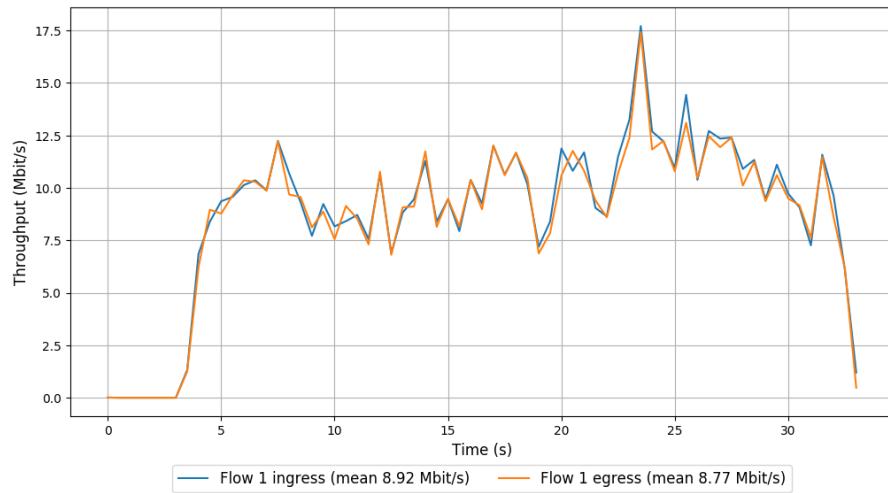


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:02:35 +0000
End at: Tue, 20 Jun 2017 01:03:05 +0000
Local clock offset: 1.52 ms
Remote clock offset: -19.296 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 35.897 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 35.897 ms
Loss rate: 1.83%
```

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

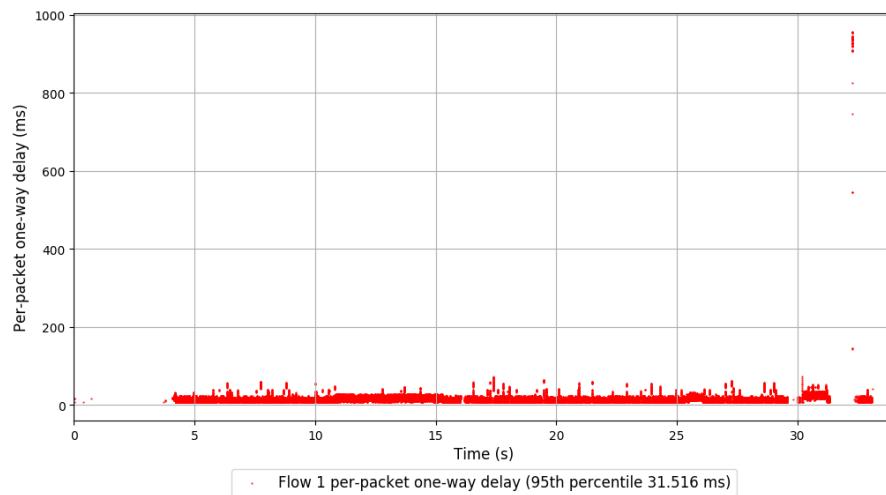
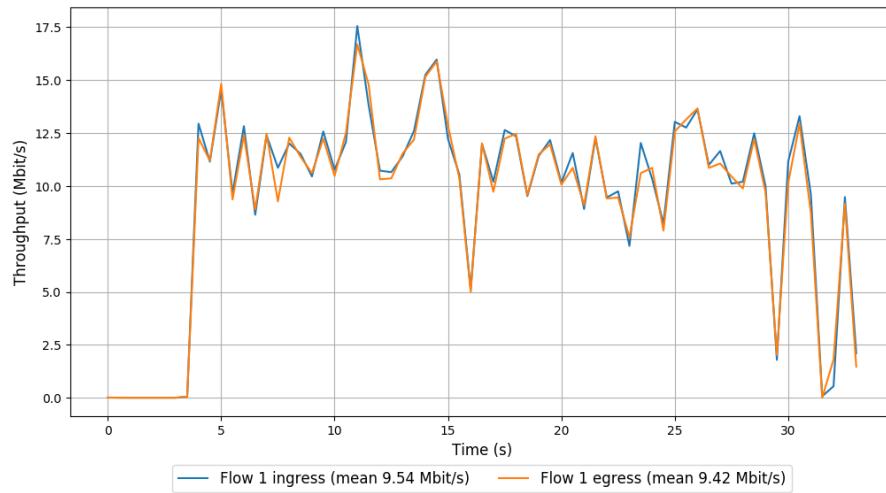


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:20:24 +0000
End at: Tue, 20 Jun 2017 01:20:54 +0000
Local clock offset: 3.64 ms
Remote clock offset: -23.732 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 31.516 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 31.516 ms
Loss rate: 1.36%
```

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

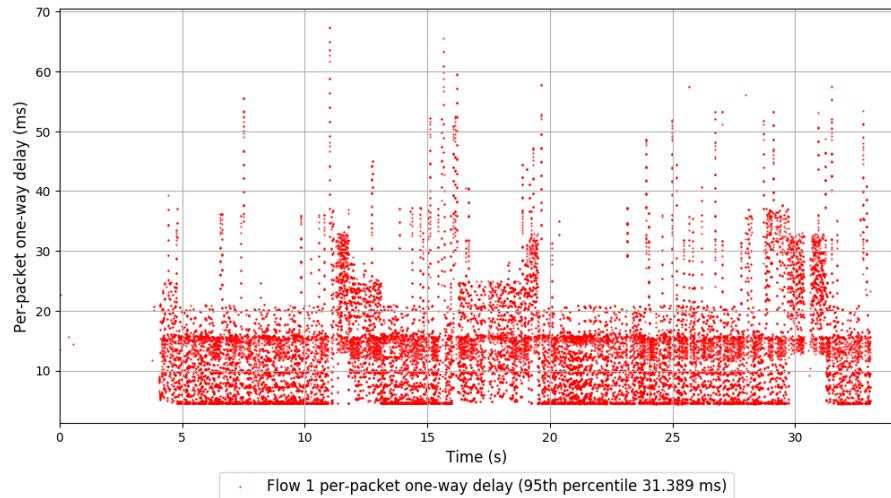
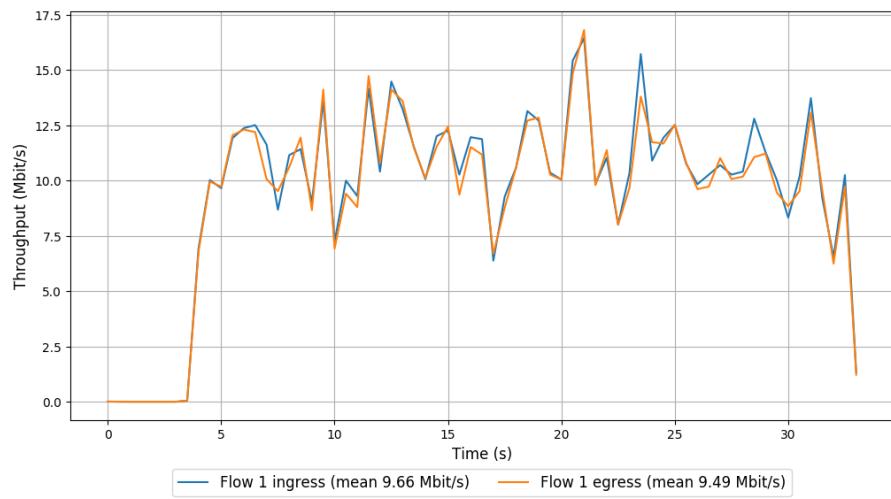


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:38:19 +0000
End at: Tue, 20 Jun 2017 01:38:49 +0000
Local clock offset: 5.447 ms
Remote clock offset: -23.289 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 1.70%
```

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

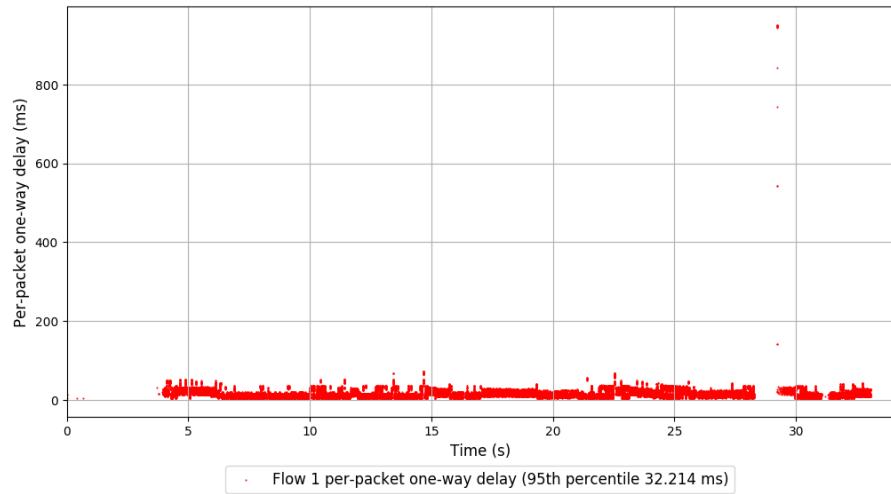
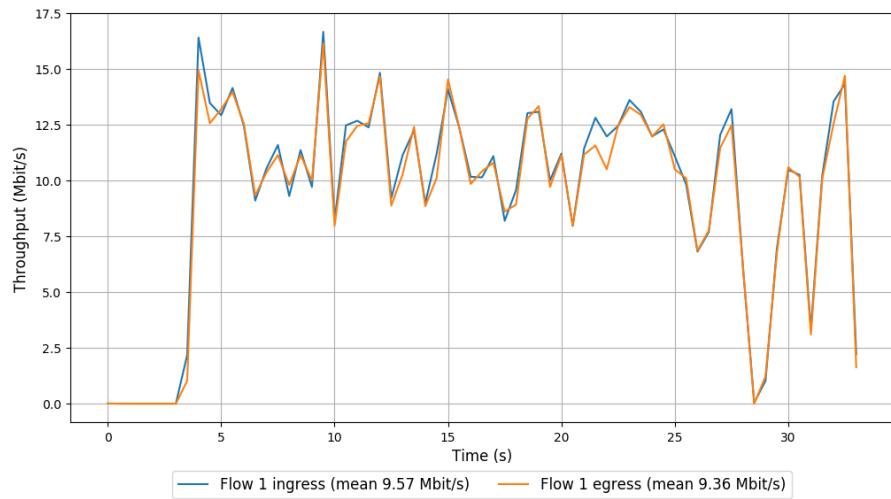


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 01:56:24 +0000
End at: Tue, 20 Jun 2017 01:56:54 +0000
Local clock offset: 3.335 ms
Remote clock offset: -21.561 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 32.214 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 32.214 ms
Loss rate: 2.20%
```

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

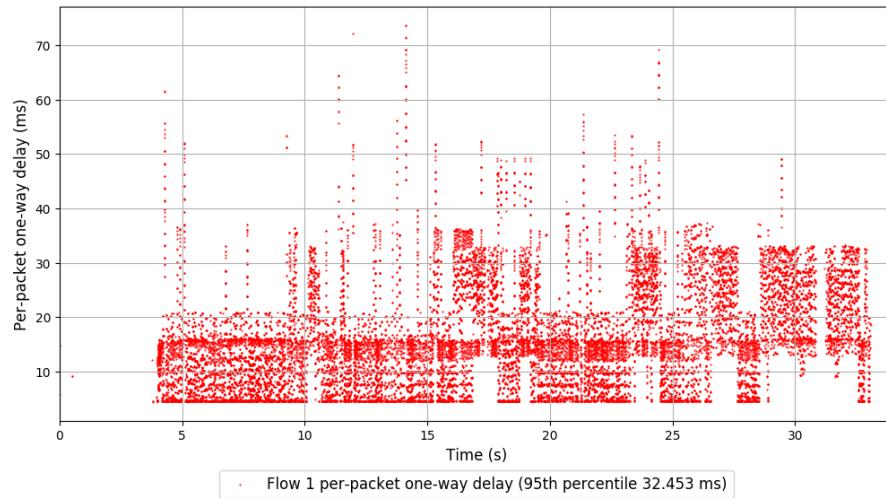
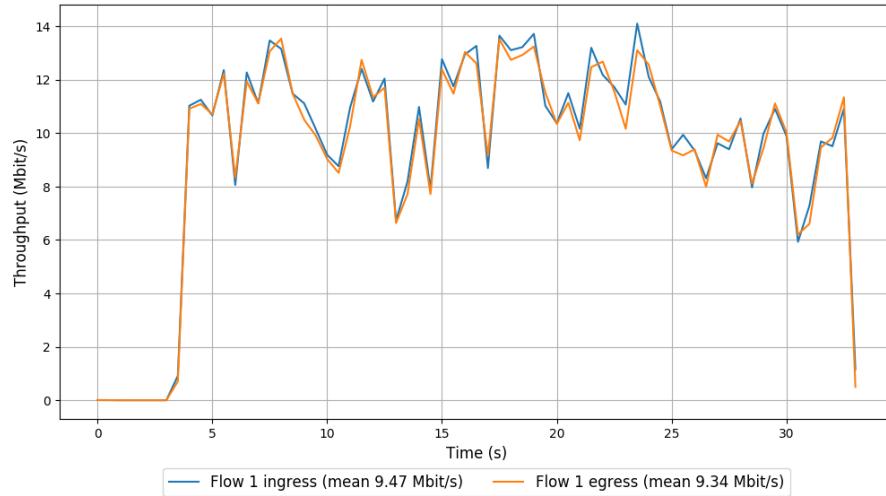


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:14:18 +0000
End at: Tue, 20 Jun 2017 02:14:48 +0000
Local clock offset: 3.854 ms
Remote clock offset: -22.272 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 32.453 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 32.453 ms
Loss rate: 1.47%
```

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

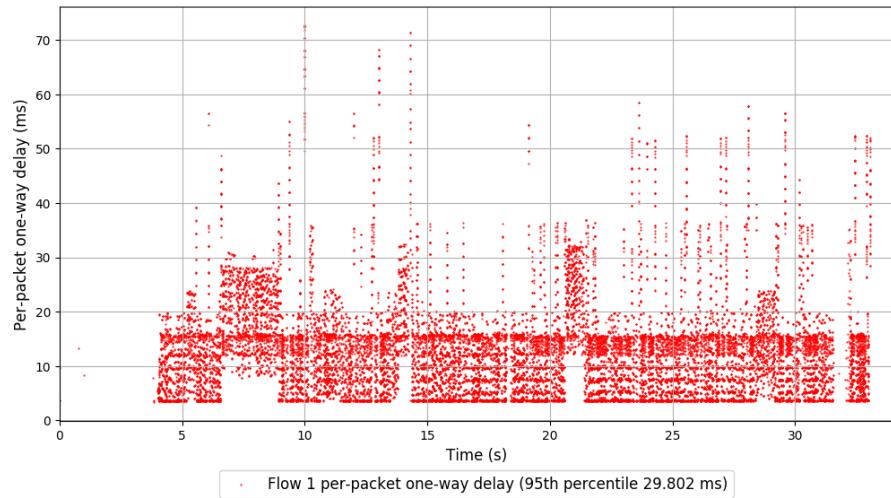
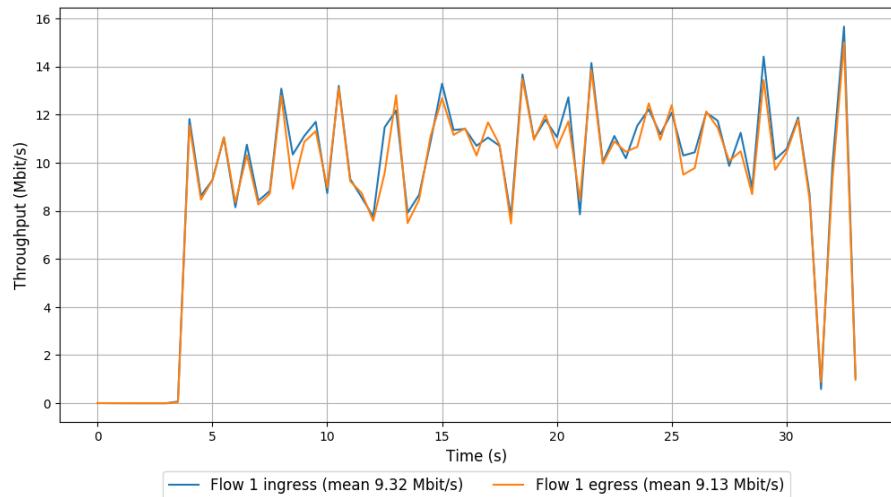


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 20 Jun 2017 02:32:15 +0000
End at: Tue, 20 Jun 2017 02:32:45 +0000
Local clock offset: 2.414 ms
Remote clock offset: -22.638 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 29.802 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 29.802 ms
Loss rate: 2.09%
```

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



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

```
Start at: Tue, 20 Jun 2017 02:50:33 +0000
```

```
End at: Tue, 20 Jun 2017 02:51:03 +0000
```

```
Local clock offset: 6.06 ms
```

```
Remote clock offset: -20.684 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:18:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.01 Mbit/s
```

```
95th percentile per-packet one-way delay: 32.181 ms
```

```
Loss rate: 1.83%
```

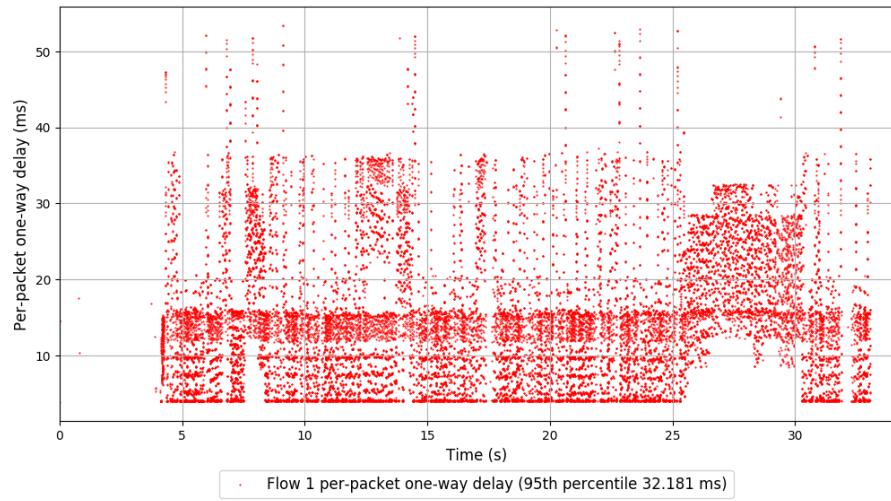
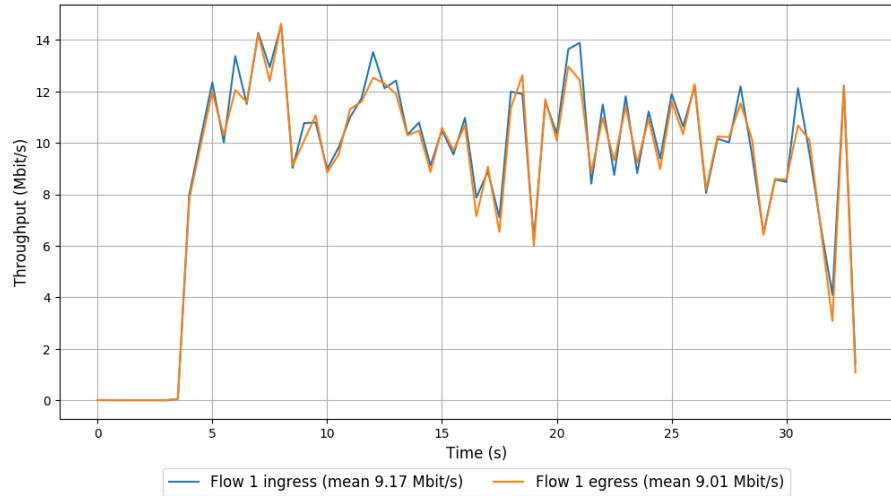
```
-- Flow 1:
```

```
Average throughput: 9.01 Mbit/s
```

```
95th percentile per-packet one-way delay: 32.181 ms
```

```
Loss rate: 1.83%
```

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

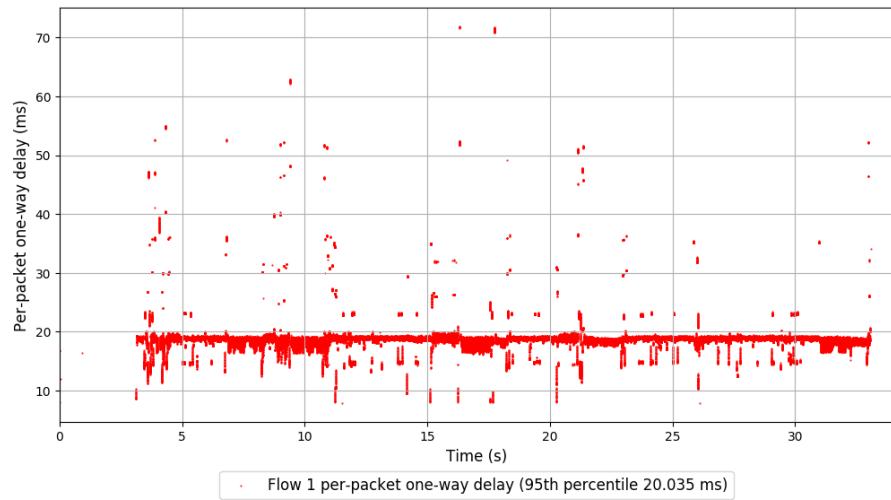
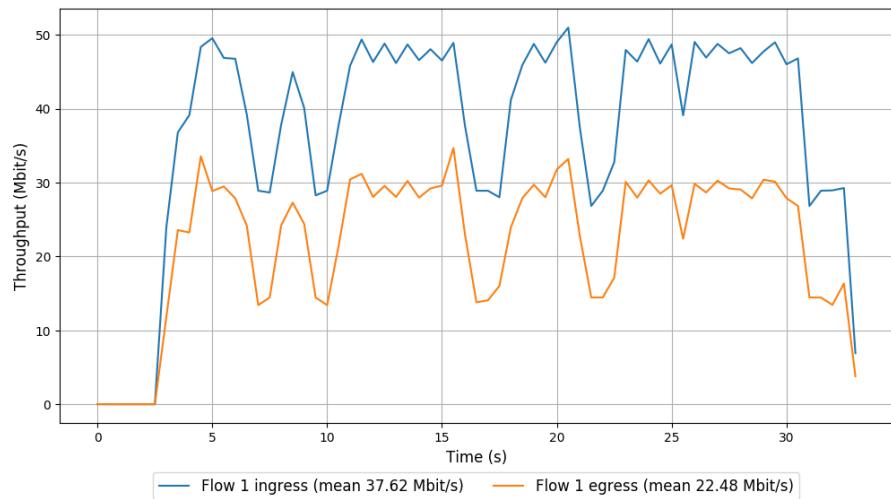


Run 1: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:15:03 +0000
End at: Tue, 20 Jun 2017 00:15:34 +0000
Local clock offset: 7.405 ms
Remote clock offset: -17.557 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:19:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 20.035 ms
Loss rate: 40.25%
-- Flow 1:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 20.035 ms
Loss rate: 40.25%
```

Run 1: Report of Saturator — Data Link

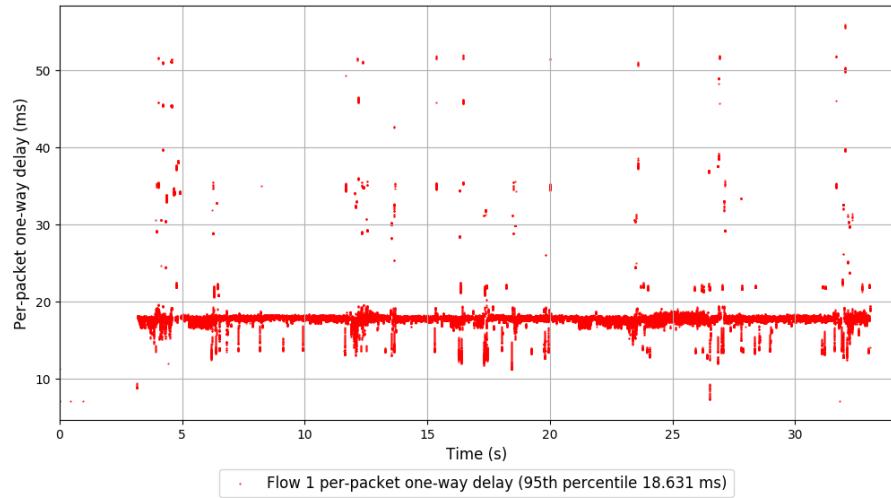
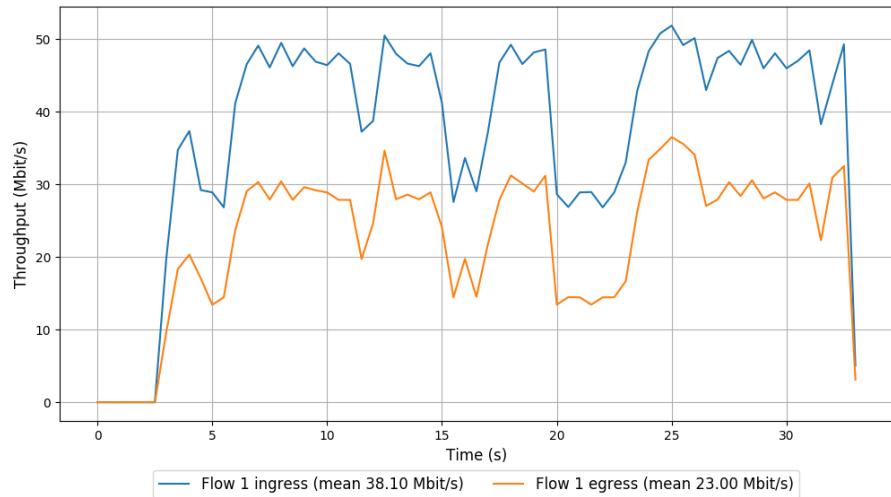


Run 2: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:33:01 +0000
End at: Tue, 20 Jun 2017 00:33:31 +0000
Local clock offset: 7.628 ms
Remote clock offset: -19.362 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:19:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 18.631 ms
Loss rate: 39.62%
-- Flow 1:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 18.631 ms
Loss rate: 39.62%
```

Run 2: Report of Saturator — Data Link

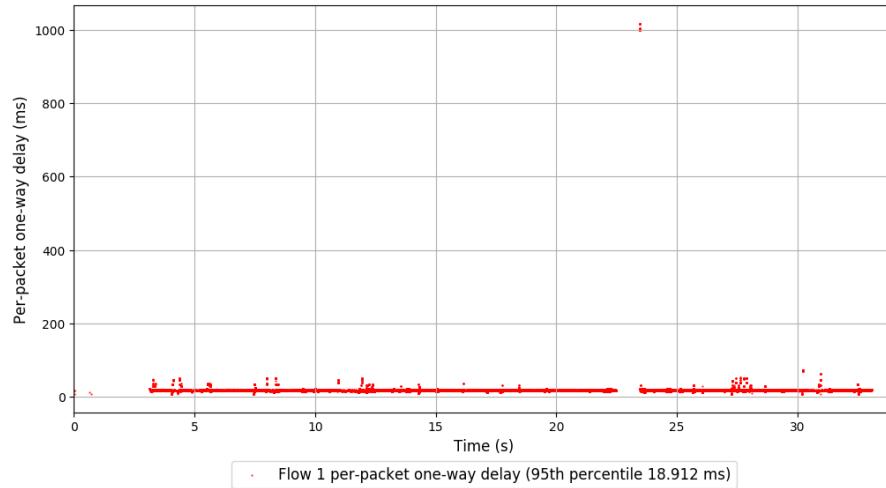
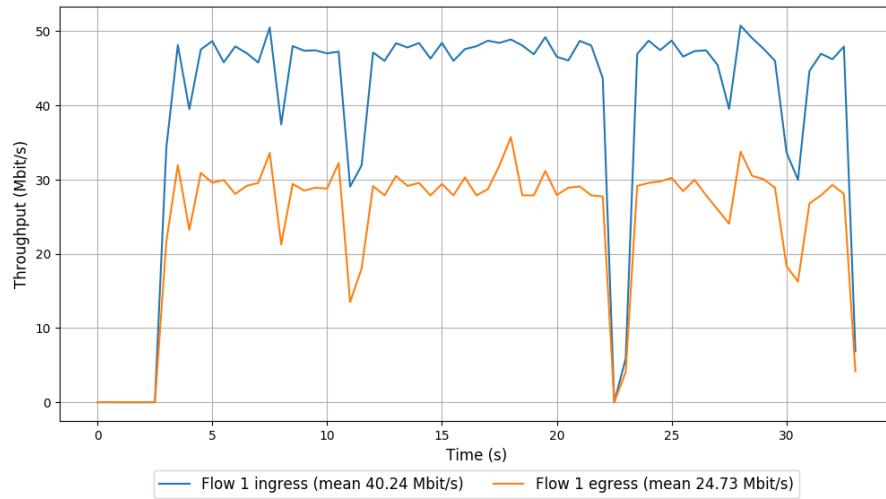


Run 3: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 00:50:57 +0000
End at: Tue, 20 Jun 2017 00:51:28 +0000
Local clock offset: 3.101 ms
Remote clock offset: -18.906 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:19:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 38.55%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 38.55%
```

Run 3: Report of Saturator — Data Link

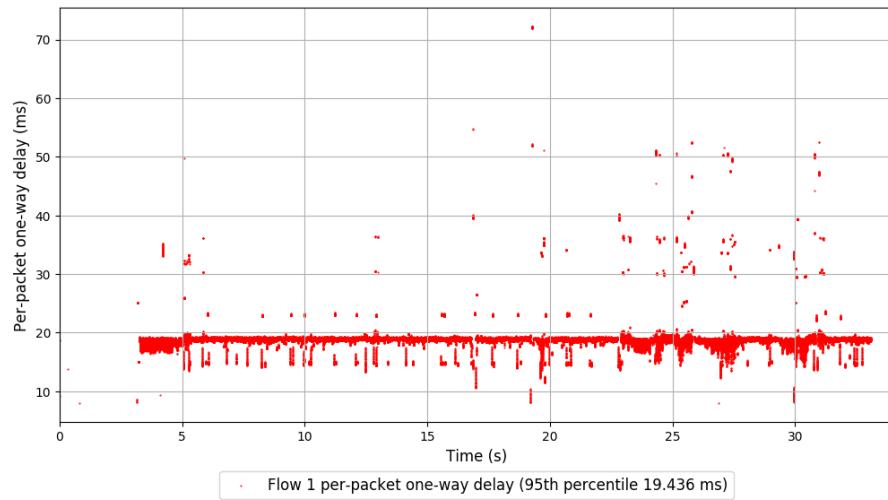
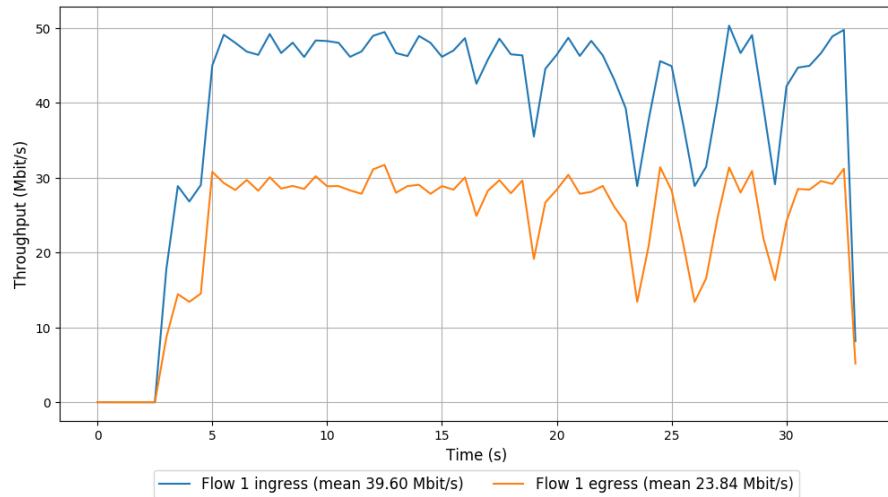


Run 4: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 01:08:43 +0000
End at: Tue, 20 Jun 2017 01:09:13 +0000
Local clock offset: -2.887 ms
Remote clock offset: -20.361 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:19:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 19.436 ms
Loss rate: 39.82%
-- Flow 1:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 19.436 ms
Loss rate: 39.82%
```

Run 4: Report of Saturator — Data Link

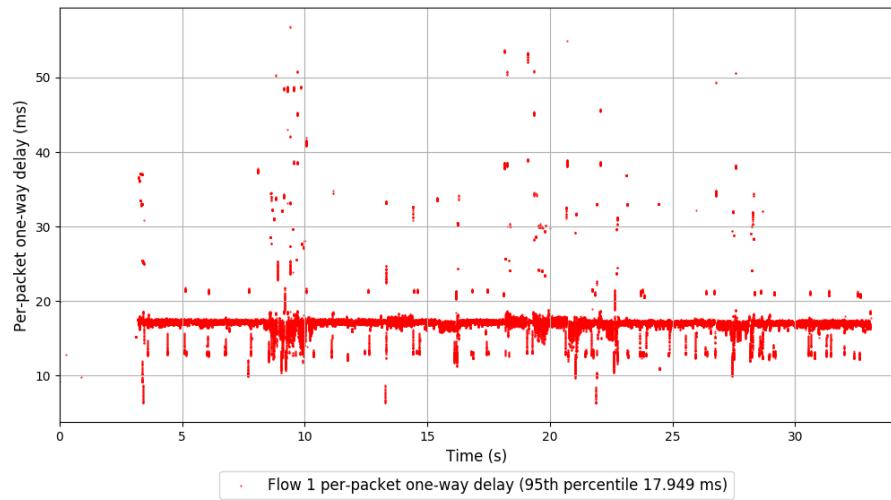
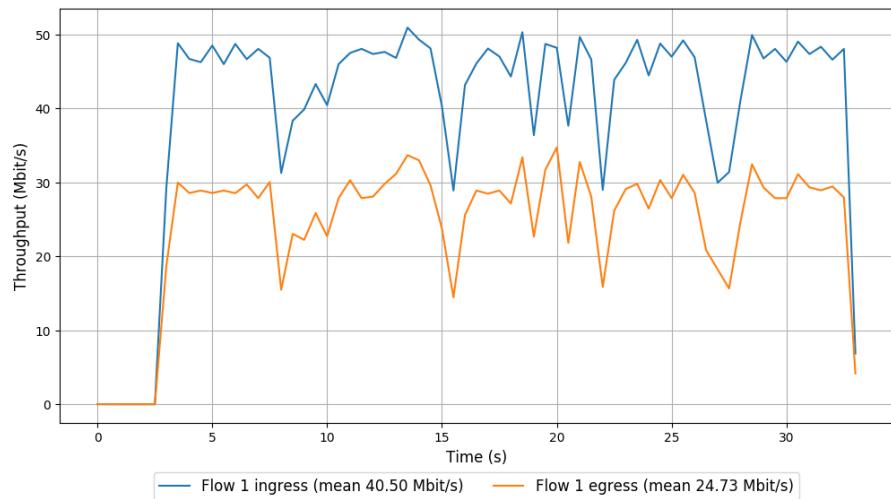


Run 5: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 01:26:40 +0000
End at: Tue, 20 Jun 2017 01:27:10 +0000
Local clock offset: 3.92 ms
Remote clock offset: -20.072 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:19:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 17.949 ms
Loss rate: 38.94%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 17.949 ms
Loss rate: 38.94%
```

Run 5: Report of Saturator — Data Link

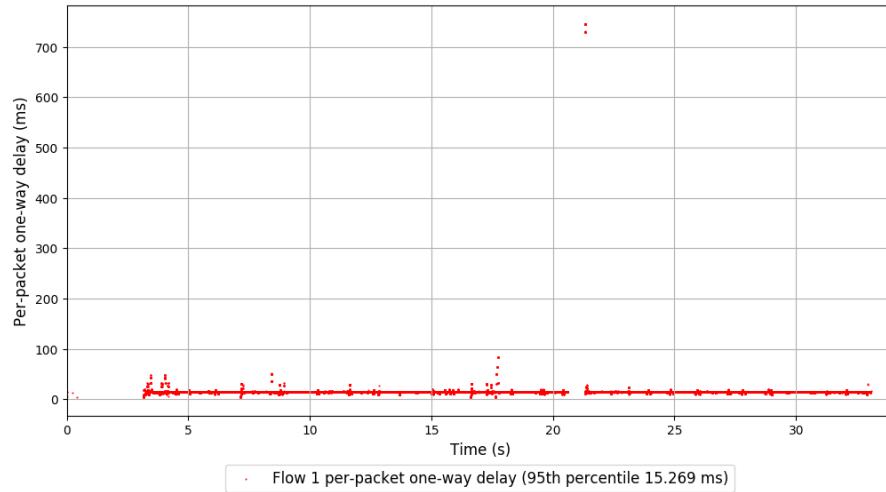
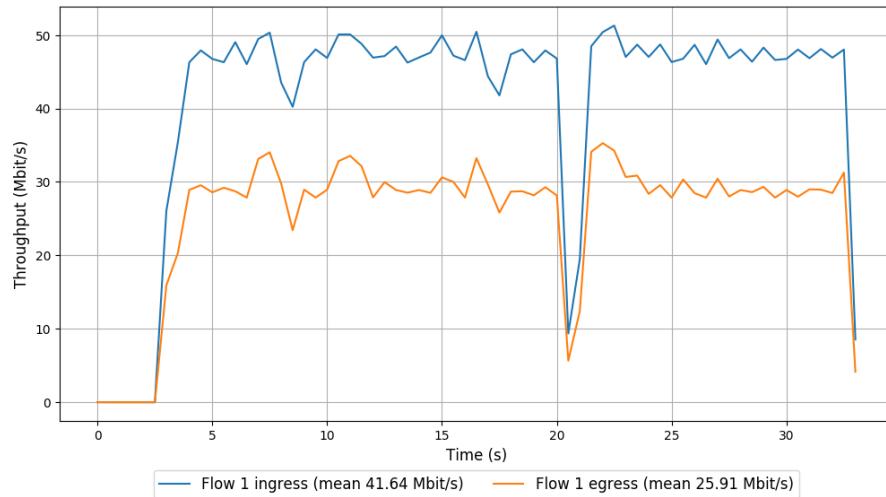


Run 6: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 01:44:33 +0000
End at: Tue, 20 Jun 2017 01:45:03 +0000
Local clock offset: 3.739 ms
Remote clock offset: -21.124 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 15.269 ms
Loss rate: 37.77%
-- Flow 1:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 15.269 ms
Loss rate: 37.77%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 20 Jun 2017 02:02:35 +0000

End at: Tue, 20 Jun 2017 02:03:05 +0000

Local clock offset: 4.596 ms

Remote clock offset: -22.61 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:20:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.84 Mbit/s

95th percentile per-packet one-way delay: 15.367 ms

Loss rate: 39.46%

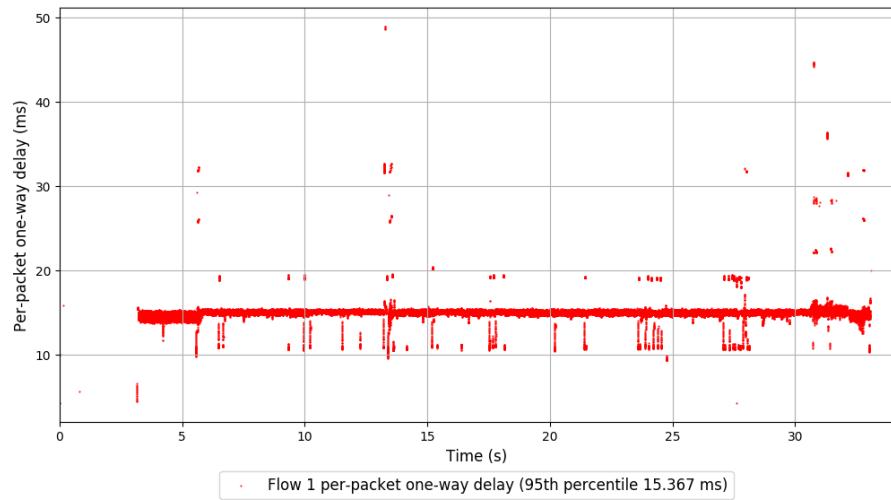
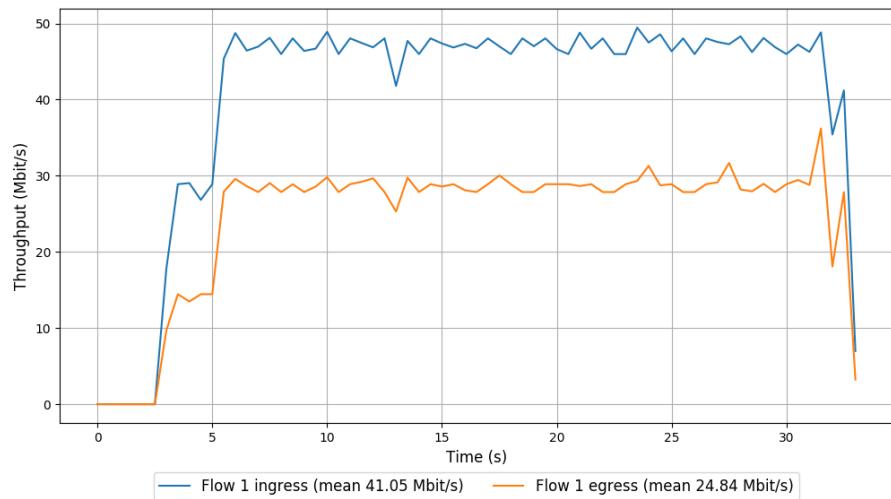
-- Flow 1:

Average throughput: 24.84 Mbit/s

95th percentile per-packet one-way delay: 15.367 ms

Loss rate: 39.46%

Run 7: Report of Saturator — Data Link

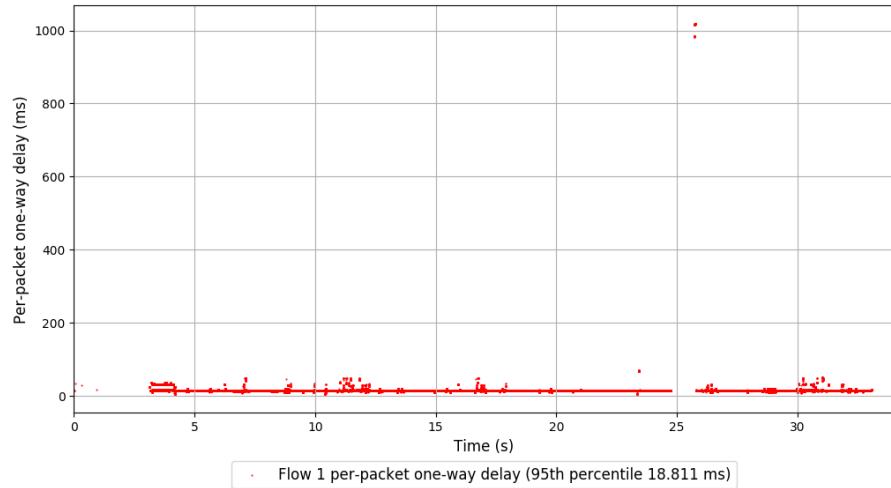
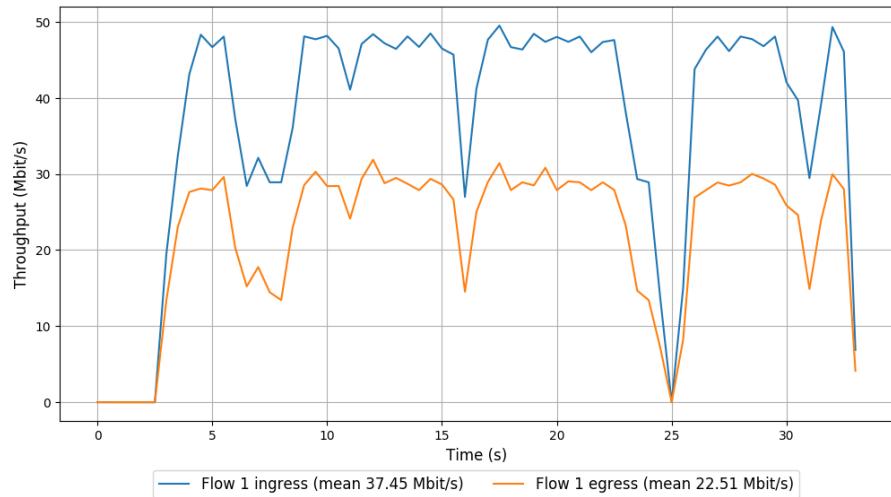


Run 8: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:20:25 +0000
End at: Tue, 20 Jun 2017 02:20:55 +0000
Local clock offset: -0.222 ms
Remote clock offset: -22.327 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.51 Mbit/s
95th percentile per-packet one-way delay: 18.811 ms
Loss rate: 39.93%
-- Flow 1:
Average throughput: 22.51 Mbit/s
95th percentile per-packet one-way delay: 18.811 ms
Loss rate: 39.93%
```

Run 8: Report of Saturator — Data Link

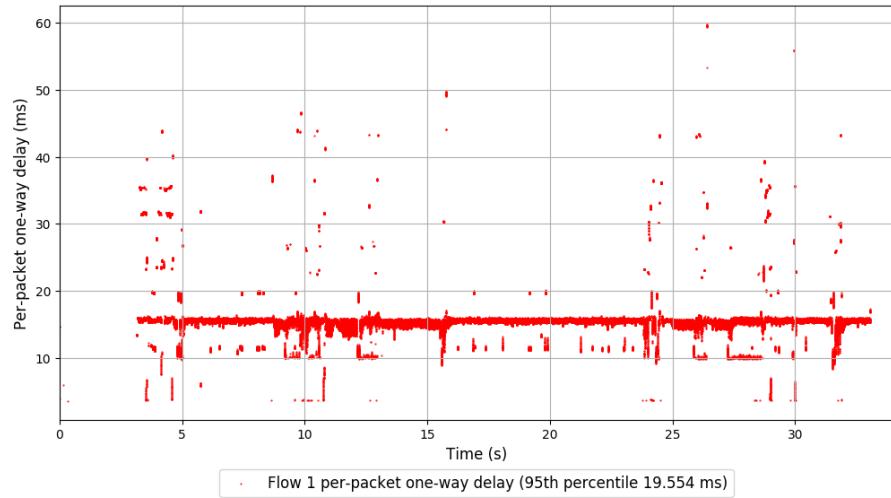
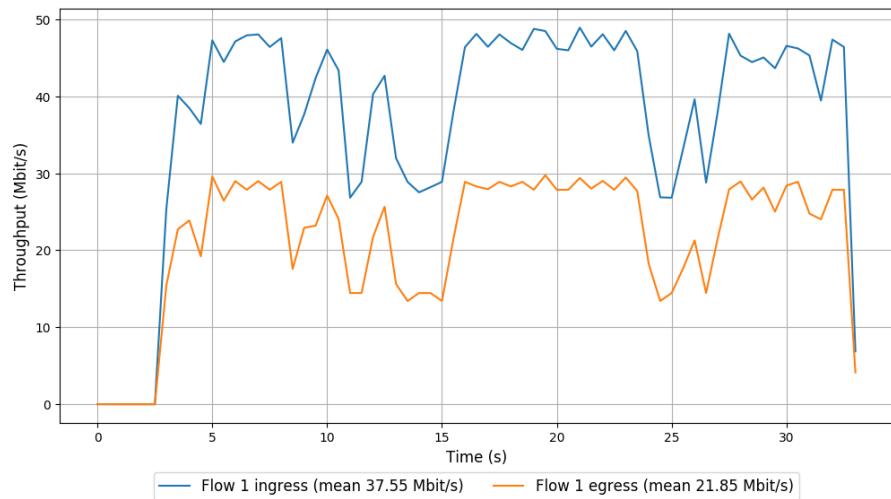


Run 9: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:38:27 +0000
End at: Tue, 20 Jun 2017 02:38:57 +0000
Local clock offset: 6.697 ms
Remote clock offset: -21.926 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.85 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 41.86%
-- Flow 1:
Average throughput: 21.85 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 41.86%
```

Run 9: Report of Saturator — Data Link

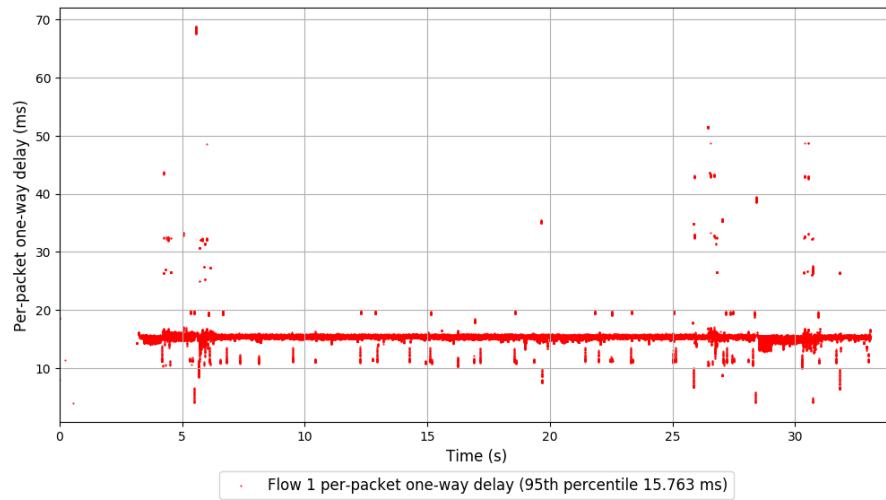
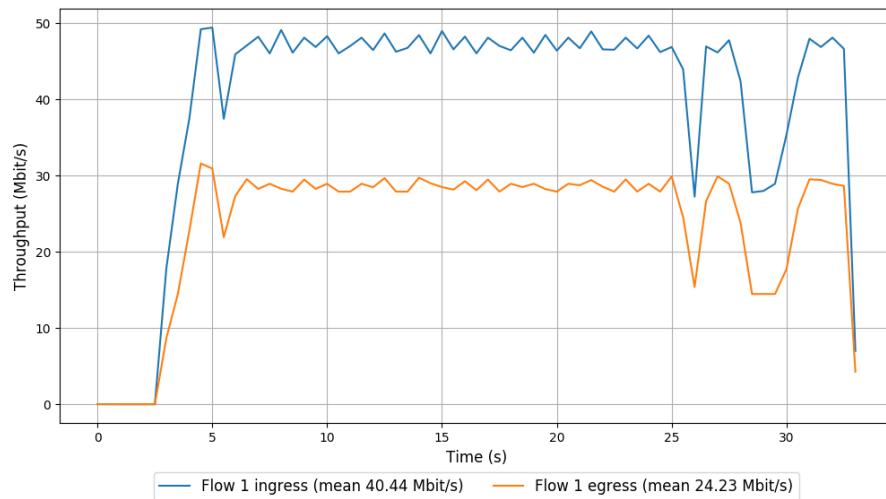


Run 10: Statistics of Saturator

```
Start at: Tue, 20 Jun 2017 02:56:44 +0000
End at: Tue, 20 Jun 2017 02:57:14 +0000
Local clock offset: 1.324 ms
Remote clock offset: -21.43 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 15.763 ms
Loss rate: 40.13%
-- Flow 1:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 15.763 ms
Loss rate: 40.13%
```

Run 10: Report of Saturator — Data Link

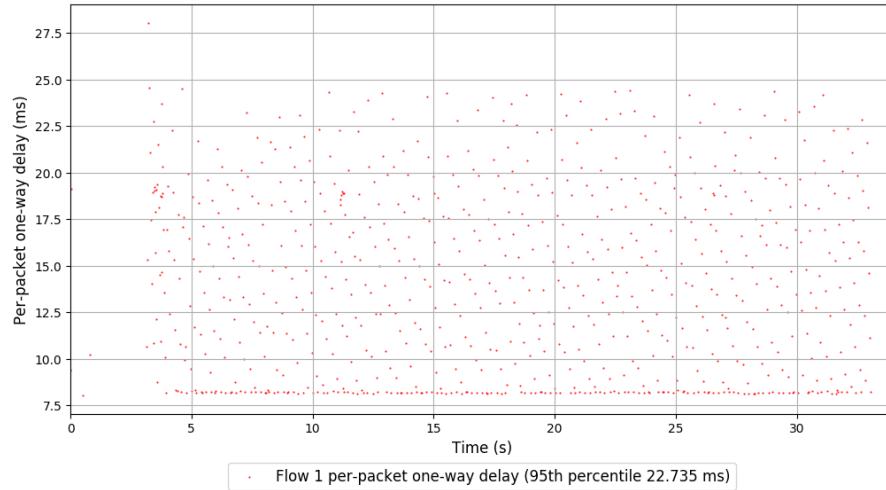
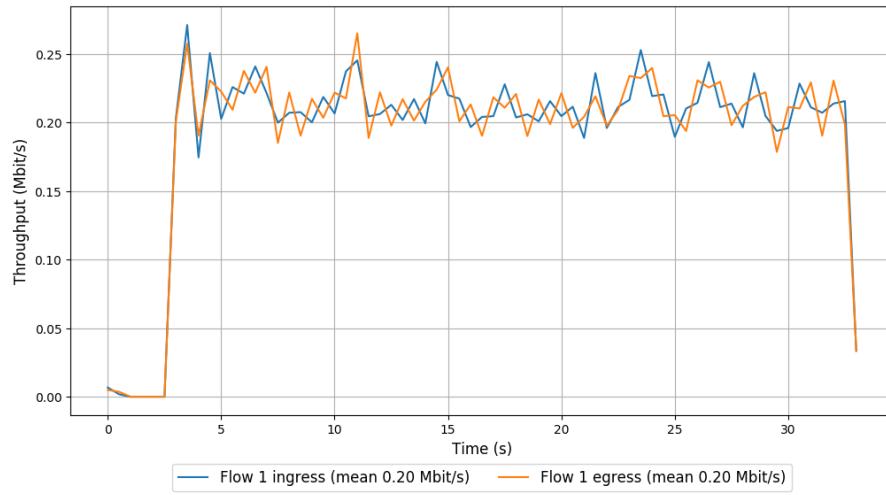


Run 1: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:11:33 +0000
End at: Tue, 20 Jun 2017 00:12:03 +0000
Local clock offset: 5.978 ms
Remote clock offset: -18.751 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 22.735 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 22.735 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

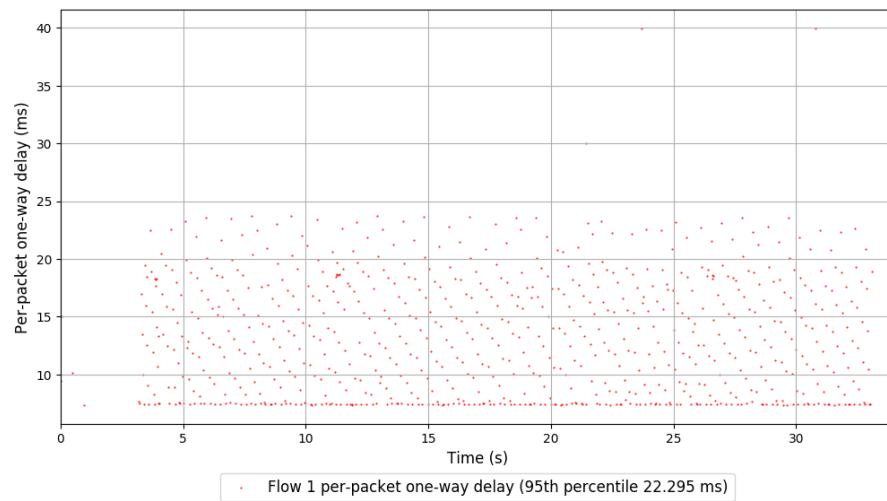
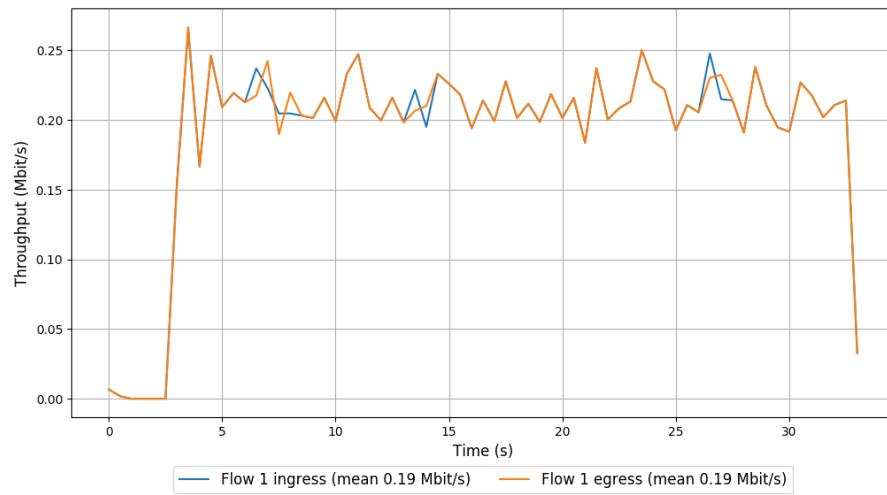


Run 2: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:29:32 +0000
End at: Tue, 20 Jun 2017 00:30:02 +0000
Local clock offset: 4.666 ms
Remote clock offset: -19.199 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 22.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 22.295 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

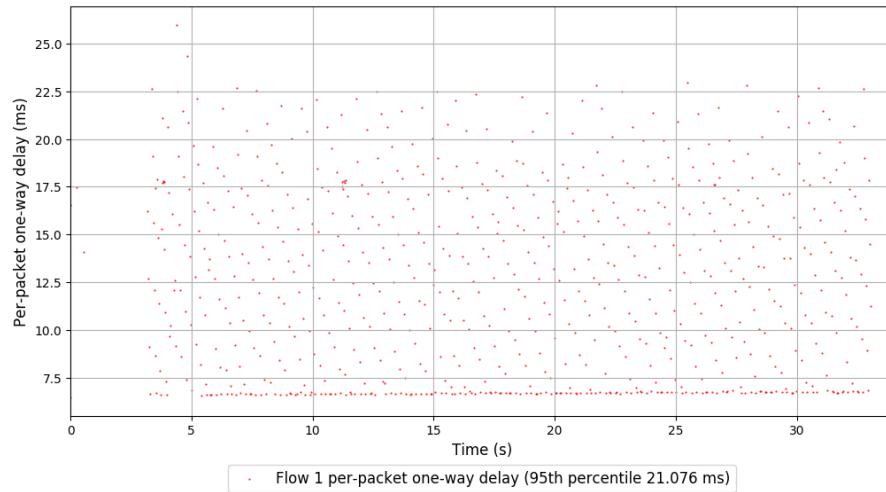
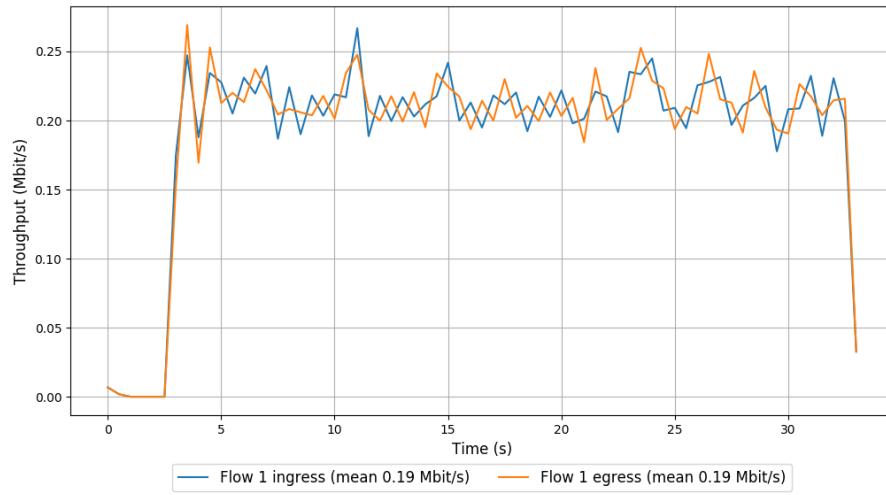


Run 3: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 00:47:28 +0000
End at: Tue, 20 Jun 2017 00:47:58 +0000
Local clock offset: 4.306 ms
Remote clock offset: -18.916 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:20:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.076 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

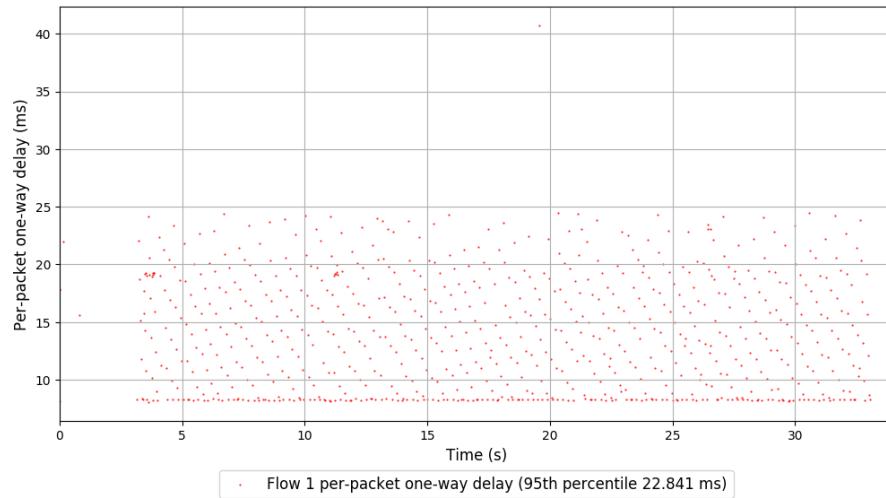
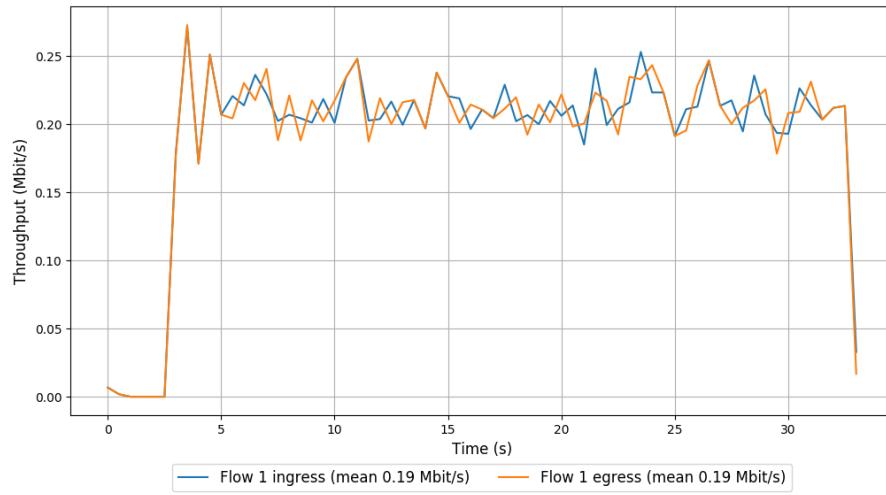


Run 4: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:05:15 +0000
End at: Tue, 20 Jun 2017 01:05:45 +0000
Local clock offset: 4.065 ms
Remote clock offset: -20.295 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.12%
```

Run 4: Report of SCReAM — Data Link

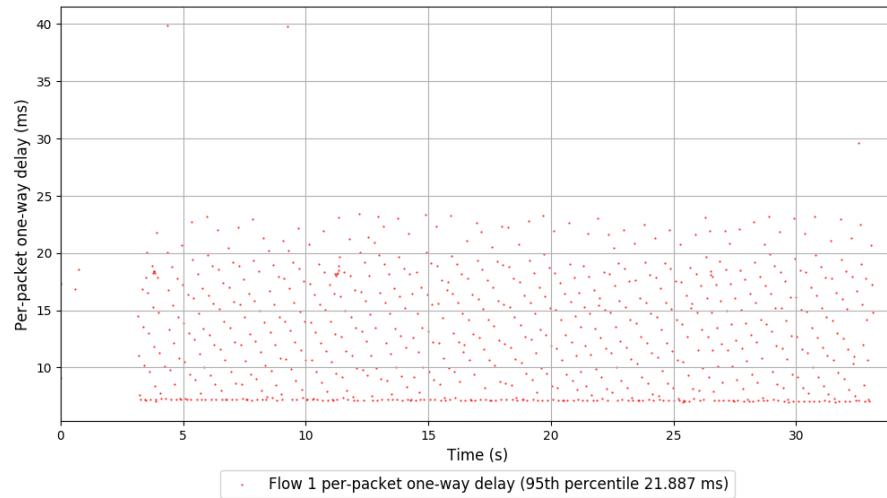
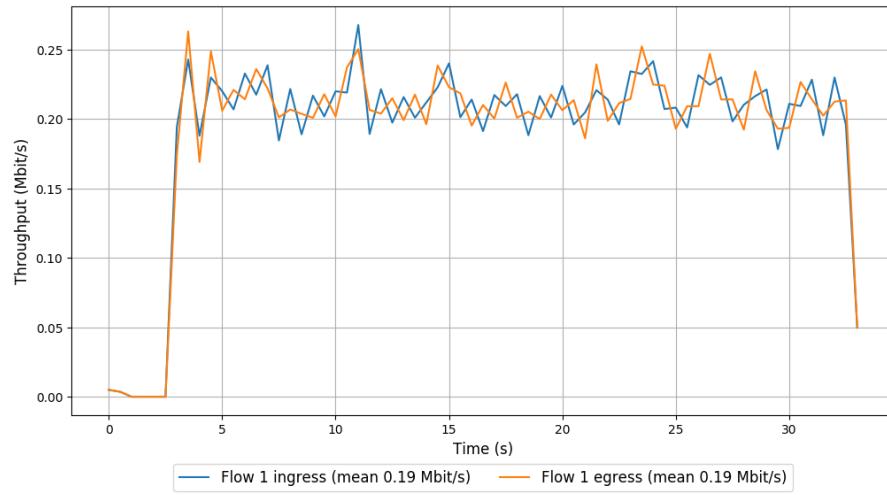


Run 5: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:23:08 +0000
End at: Tue, 20 Jun 2017 01:23:38 +0000
Local clock offset: -4.219 ms
Remote clock offset: -22.113 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.887 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.887 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

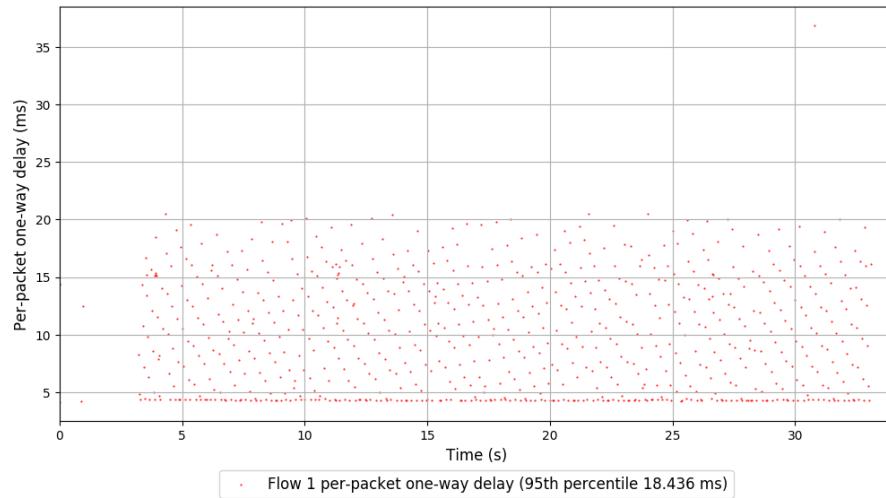
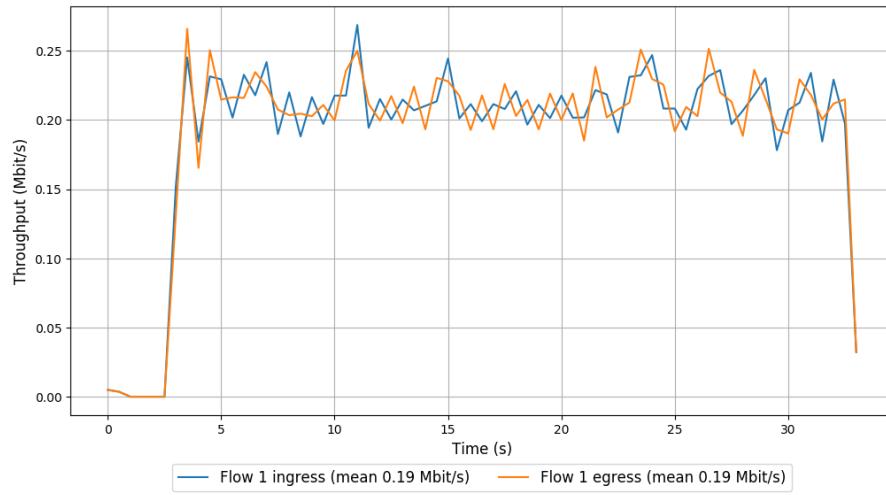


Run 6: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:41:02 +0000
End at: Tue, 20 Jun 2017 01:41:32 +0000
Local clock offset: 3.499 ms
Remote clock offset: -22.903 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.436 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.436 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

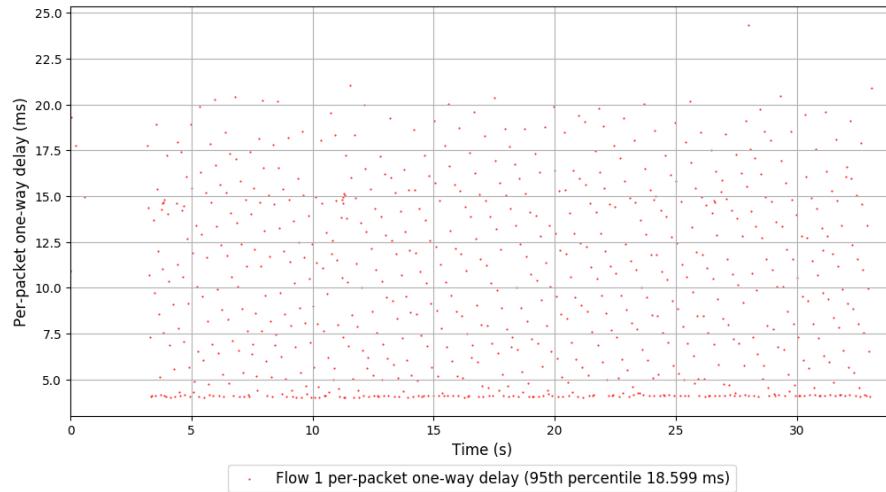
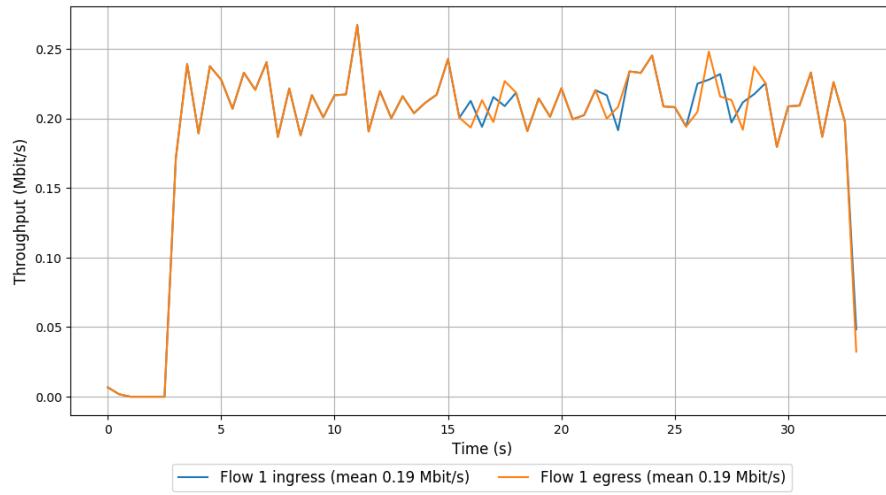


Run 7: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 01:59:03 +0000
End at: Tue, 20 Jun 2017 01:59:33 +0000
Local clock offset: 3.932 ms
Remote clock offset: -23.022 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.599 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.599 ms
Loss rate: 0.12%
```

Run 7: Report of SCReAM — Data Link

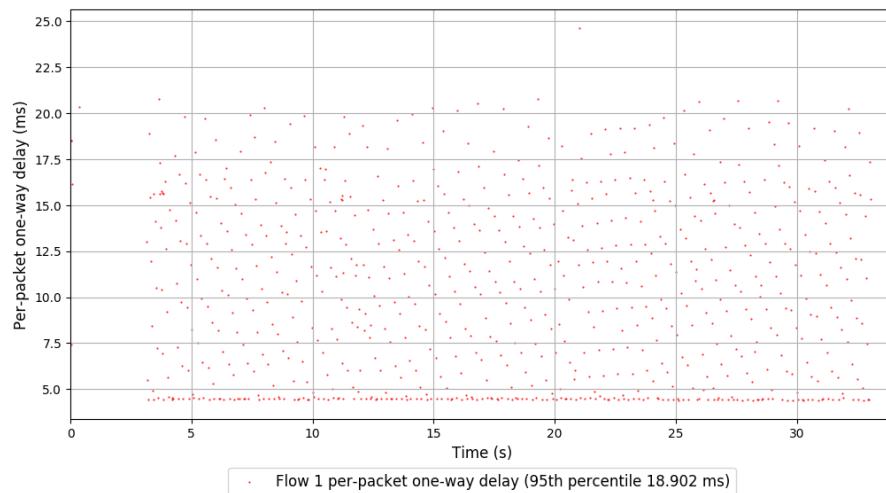
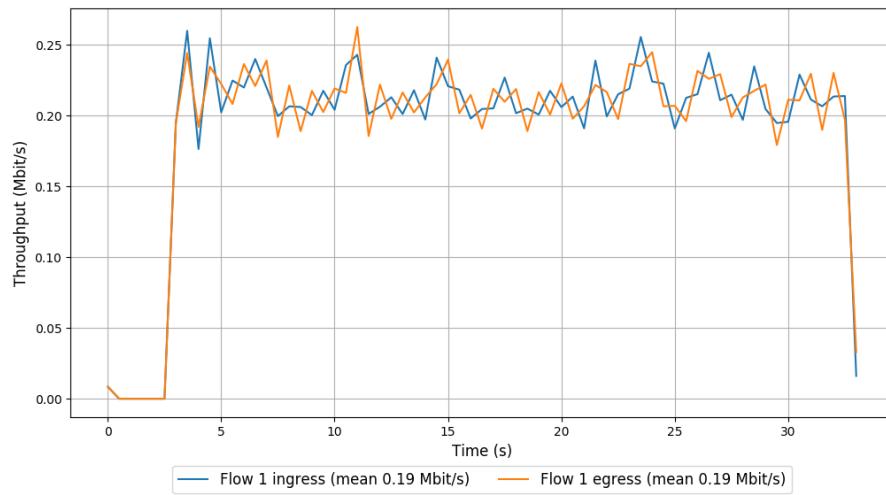


Run 8: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:16:55 +0000
End at: Tue, 20 Jun 2017 02:17:26 +0000
Local clock offset: 3.972 ms
Remote clock offset: -22.356 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.902 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

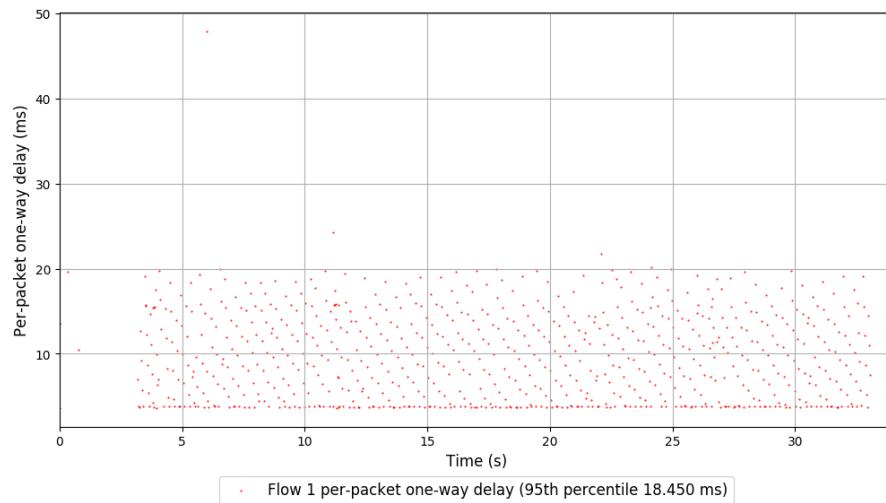
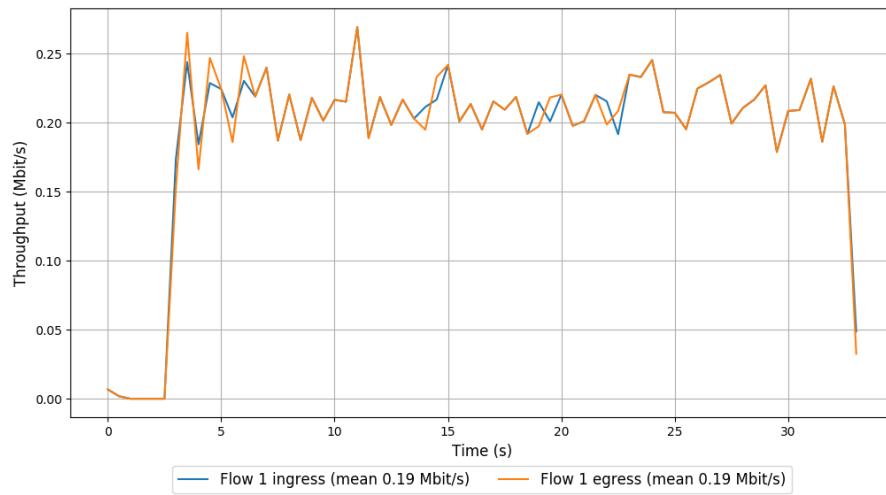


Run 9: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:34:56 +0000
End at: Tue, 20 Jun 2017 02:35:26 +0000
Local clock offset: -2.09 ms
Remote clock offset: -27.162 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.450 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.450 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

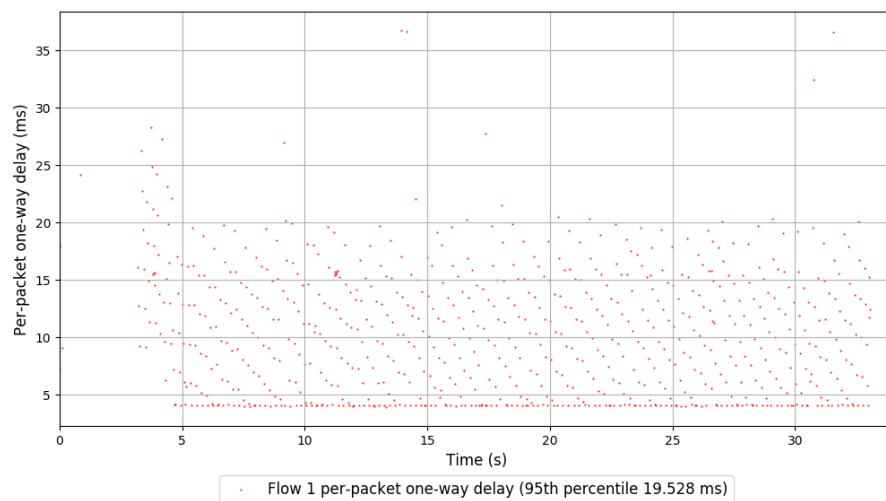
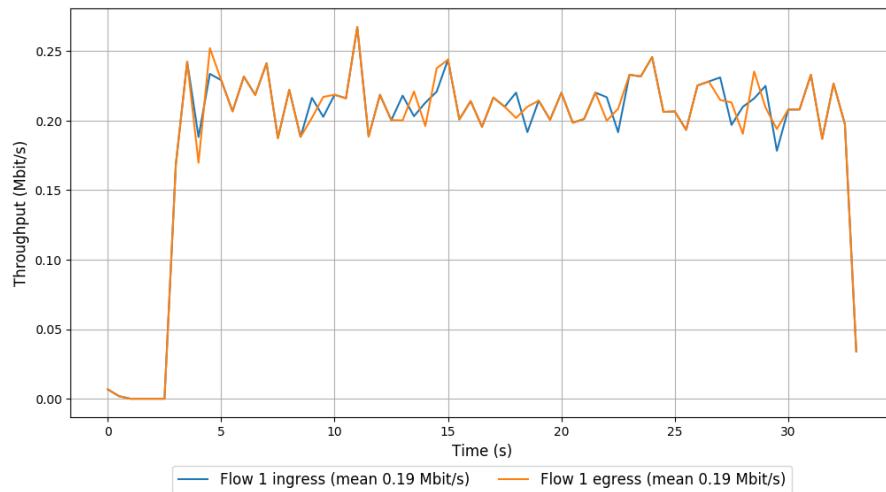


Run 10: Statistics of SCReAM

```
Start at: Tue, 20 Jun 2017 02:53:11 +0000
End at: Tue, 20 Jun 2017 02:53:41 +0000
Local clock offset: 1.091 ms
Remote clock offset: -23.254 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.528 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

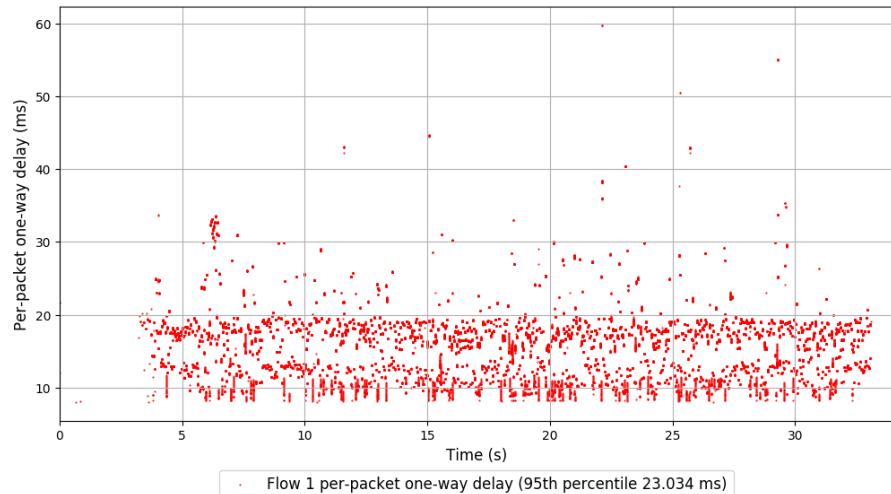
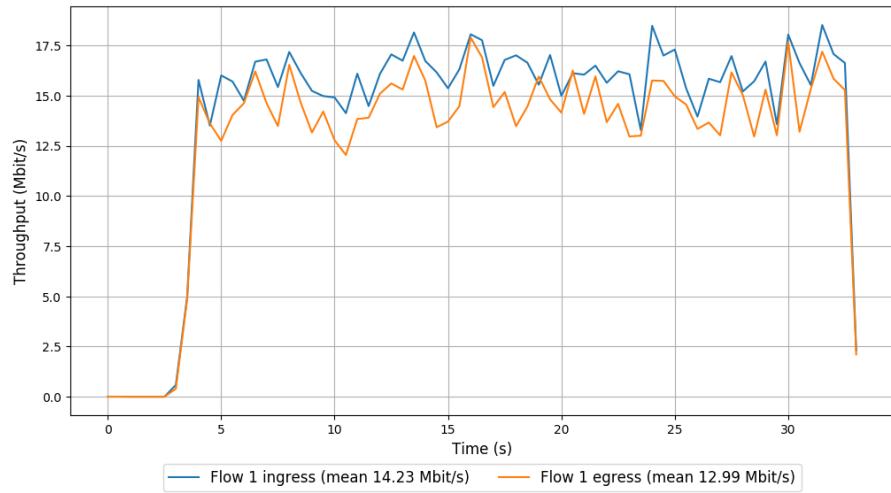


Run 1: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:03:17 +0000
End at: Tue, 20 Jun 2017 00:03:47 +0000
Local clock offset: 7.758 ms
Remote clock offset: -17.619 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 23.034 ms
Loss rate: 8.78%
-- Flow 1:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 23.034 ms
Loss rate: 8.78%
```

Run 1: Report of Sprout — Data Link

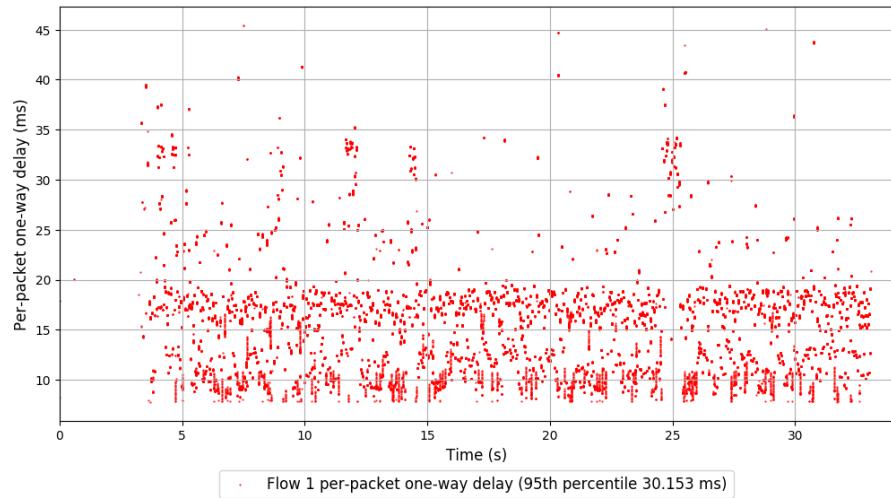
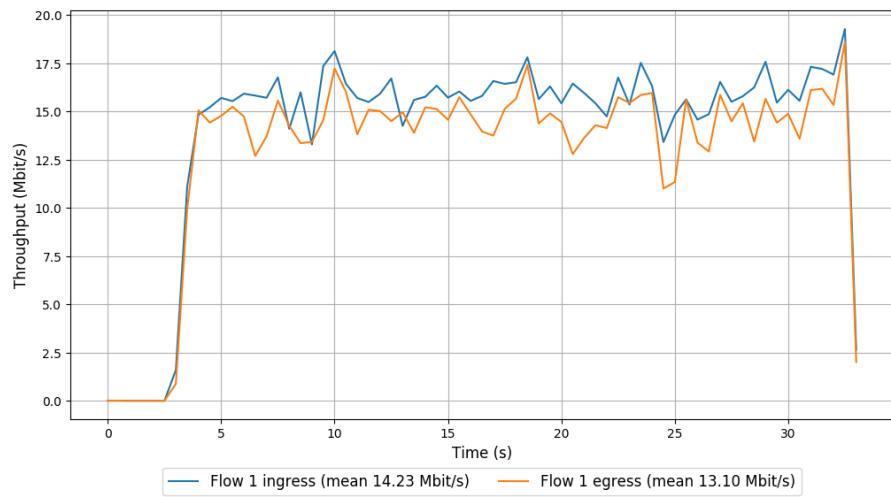


Run 2: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:21:04 +0000
End at: Tue, 20 Jun 2017 00:21:34 +0000
Local clock offset: 7.062 ms
Remote clock offset: -19.052 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 30.153 ms
Loss rate: 7.94%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 30.153 ms
Loss rate: 7.94%
```

Run 2: Report of Sprout — Data Link

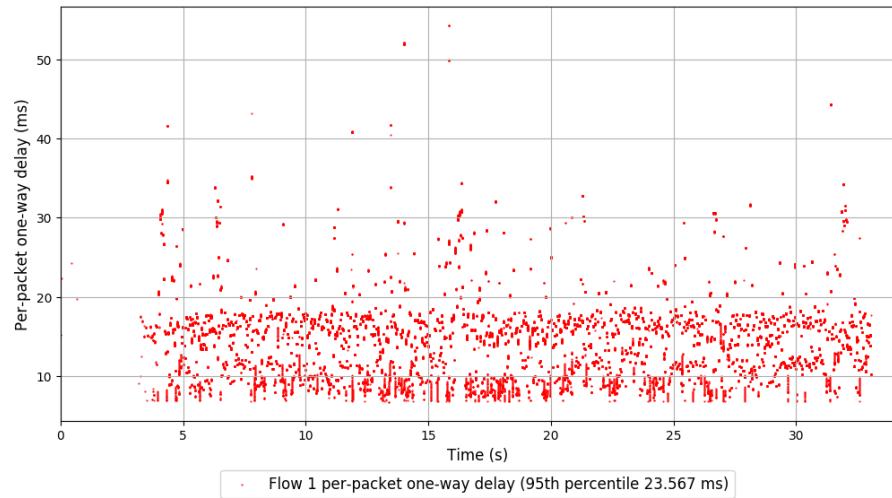
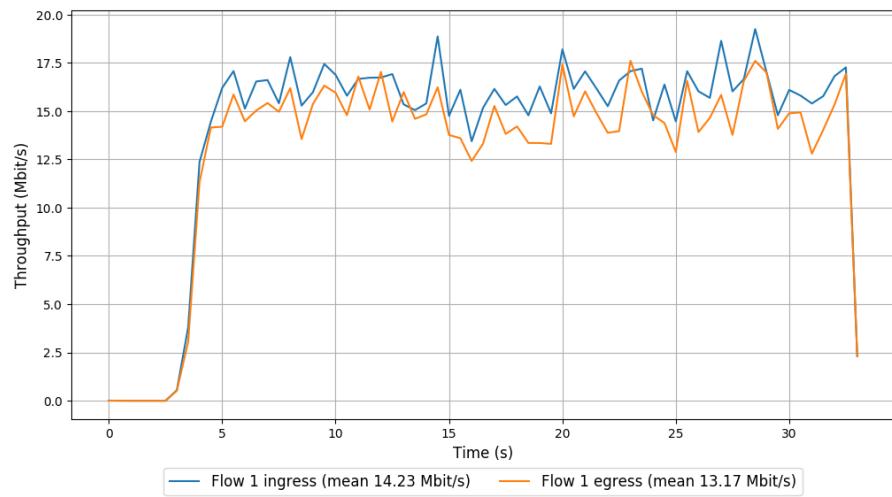


Run 3: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:39:06 +0000
End at: Tue, 20 Jun 2017 00:39:36 +0000
Local clock offset: 1.742 ms
Remote clock offset: -20.314 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 23.567 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 23.567 ms
Loss rate: 7.54%
```

Run 3: Report of Sprout — Data Link

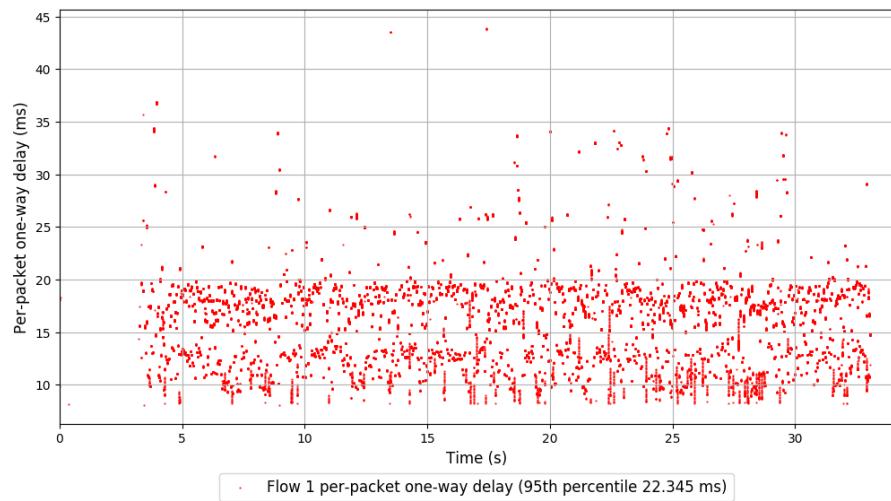
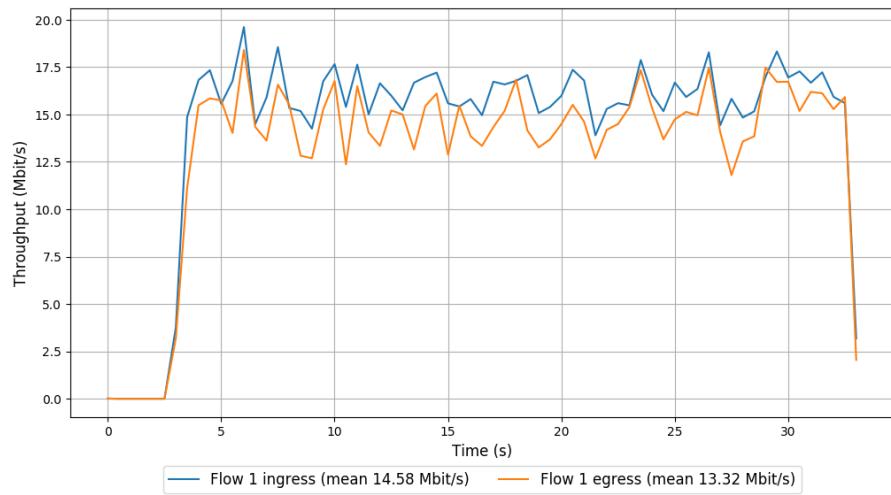


Run 4: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 00:56:51 +0000
End at: Tue, 20 Jun 2017 00:57:21 +0000
Local clock offset: -3.318 ms
Remote clock offset: -20.23 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 22.345 ms
Loss rate: 8.66%
-- Flow 1:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 22.345 ms
Loss rate: 8.66%
```

Run 4: Report of Sprout — Data Link

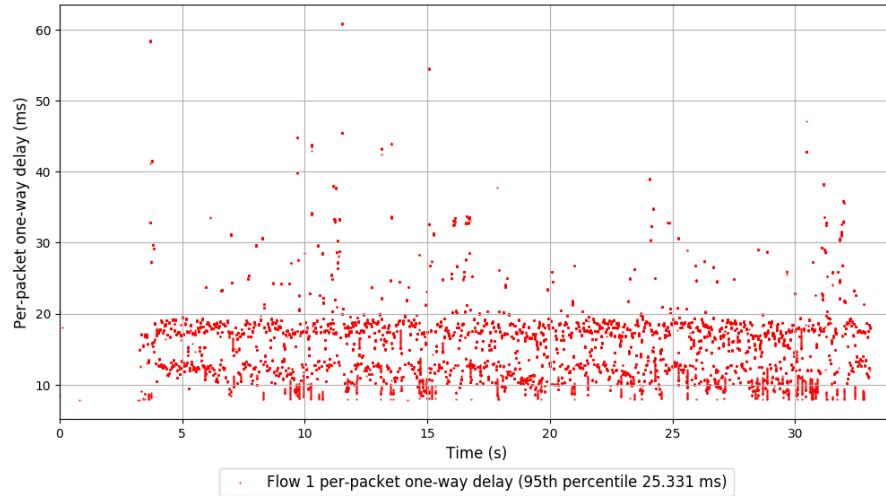
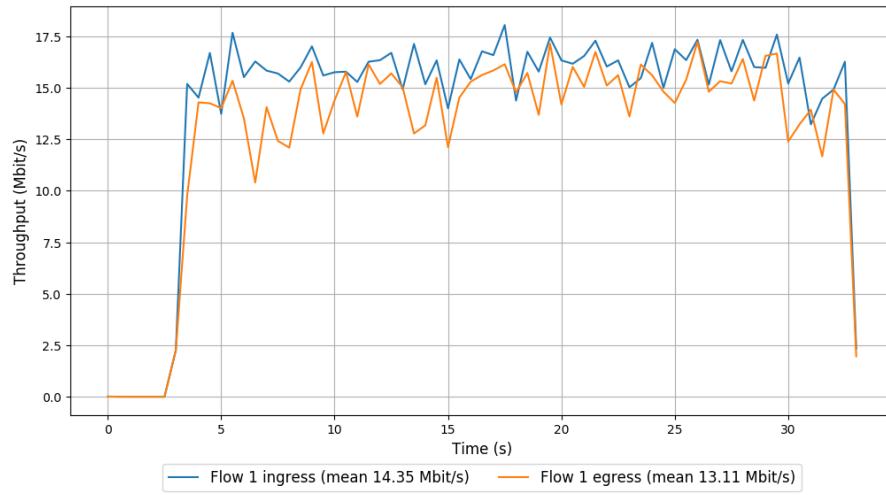


Run 5: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:14:40 +0000
End at: Tue, 20 Jun 2017 01:15:10 +0000
Local clock offset: 1.842 ms
Remote clock offset: -21.197 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 25.331 ms
Loss rate: 8.71%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 25.331 ms
Loss rate: 8.71%
```

Run 5: Report of Sprout — Data Link

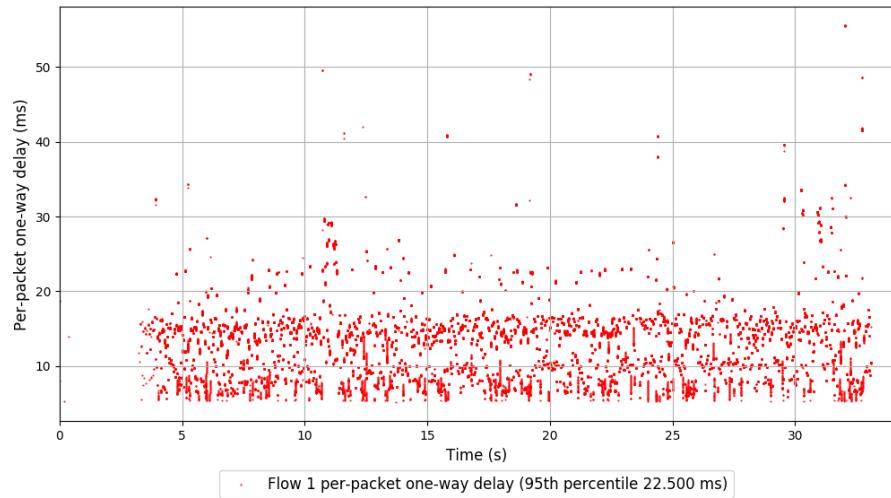
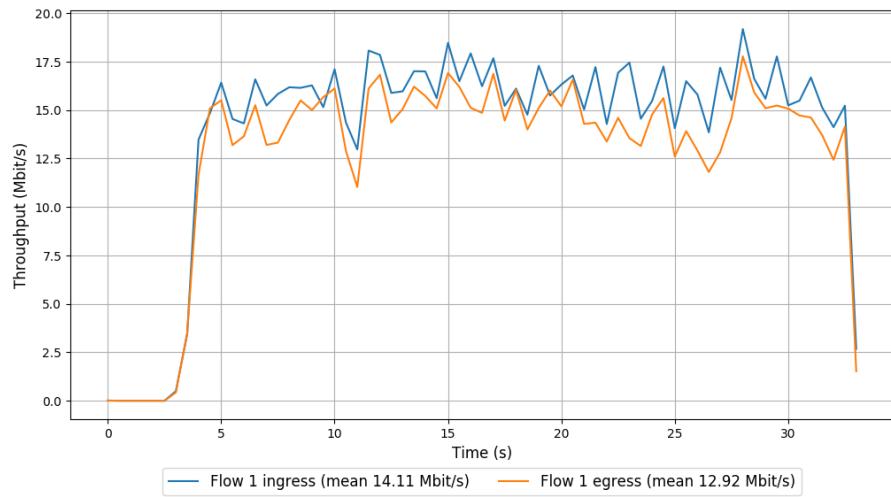


Run 6: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:32:36 +0000
End at: Tue, 20 Jun 2017 01:33:06 +0000
Local clock offset: 0.562 ms
Remote clock offset: -23.519 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 22.500 ms
Loss rate: 8.54%
-- Flow 1:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 22.500 ms
Loss rate: 8.54%
```

Run 6: Report of Sprout — Data Link

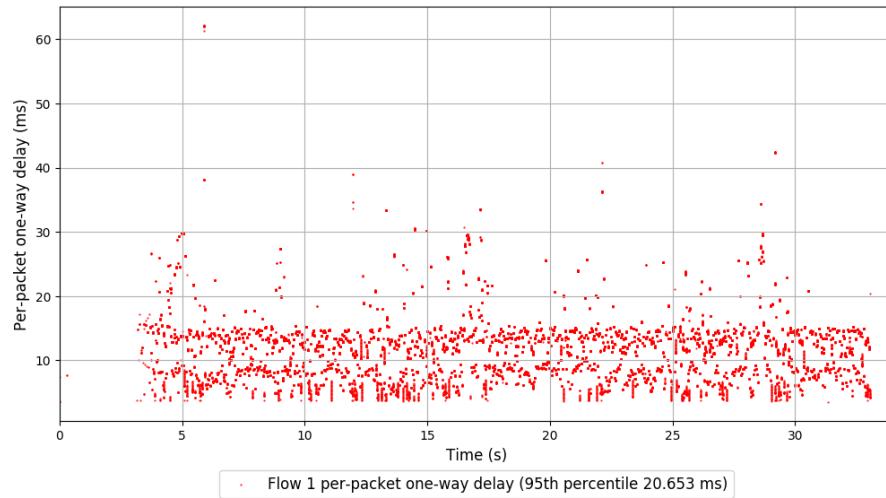
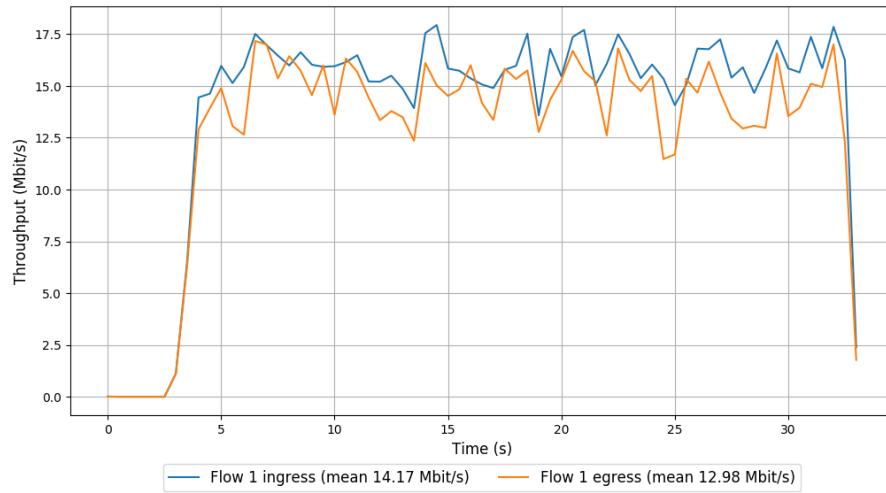


Run 7: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 01:50:35 +0000
End at: Tue, 20 Jun 2017 01:51:05 +0000
Local clock offset: 7.154 ms
Remote clock offset: -23.895 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 20.653 ms
Loss rate: 8.48%
-- Flow 1:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 20.653 ms
Loss rate: 8.48%
```

Run 7: Report of Sprout — Data Link

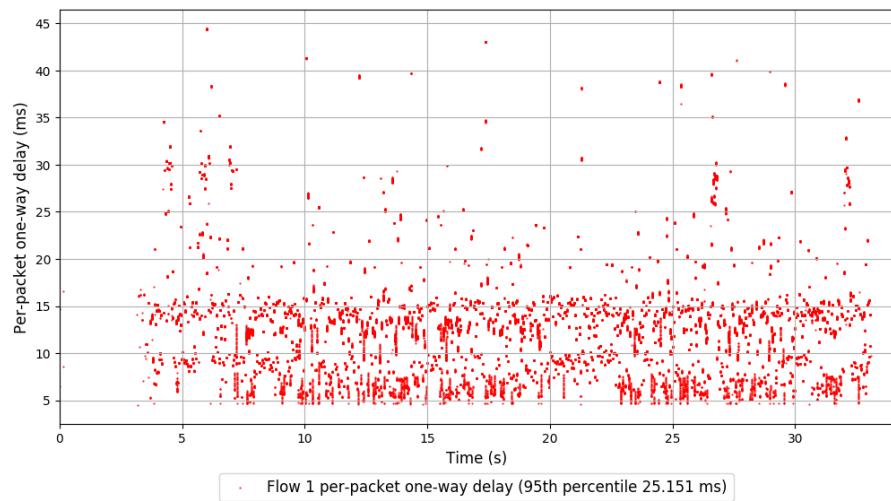
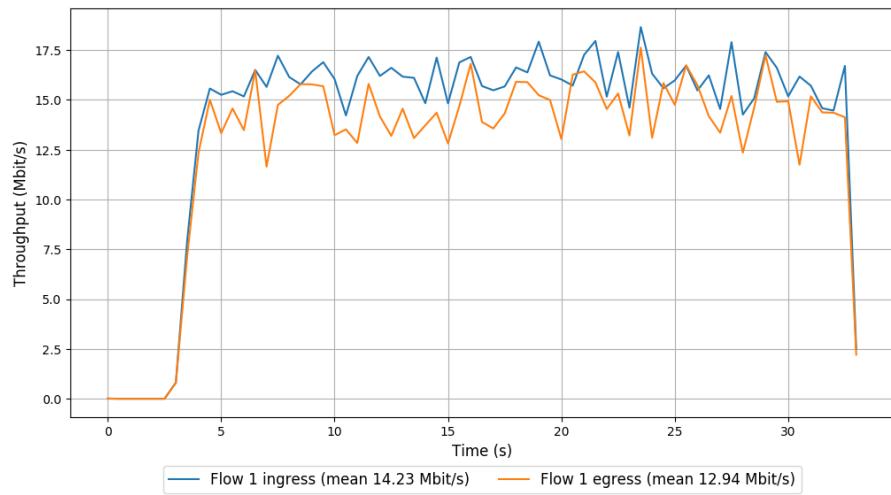


Run 8: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:08:37 +0000
End at: Tue, 20 Jun 2017 02:09:07 +0000
Local clock offset: 6.307 ms
Remote clock offset: -22.945 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 25.151 ms
Loss rate: 9.14%
-- Flow 1:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 25.151 ms
Loss rate: 9.14%
```

Run 8: Report of Sprout — Data Link

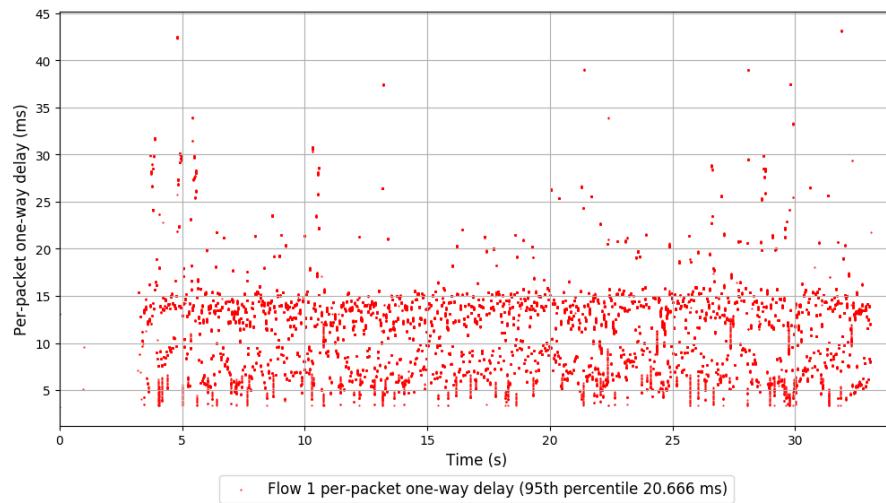
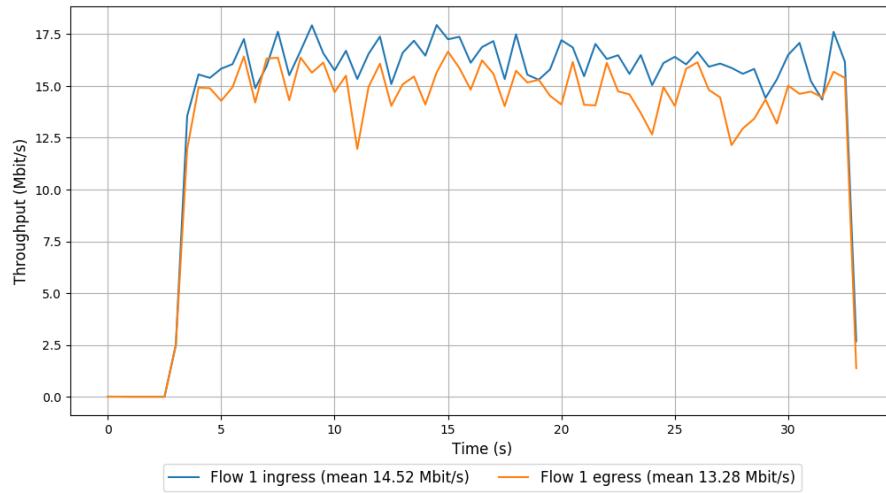


Run 9: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:26:29 +0000
End at: Tue, 20 Jun 2017 02:26:59 +0000
Local clock offset: 1.302 ms
Remote clock offset: -23.138 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 20.666 ms
Loss rate: 8.58%
-- Flow 1:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 20.666 ms
Loss rate: 8.58%
```

Run 9: Report of Sprout — Data Link

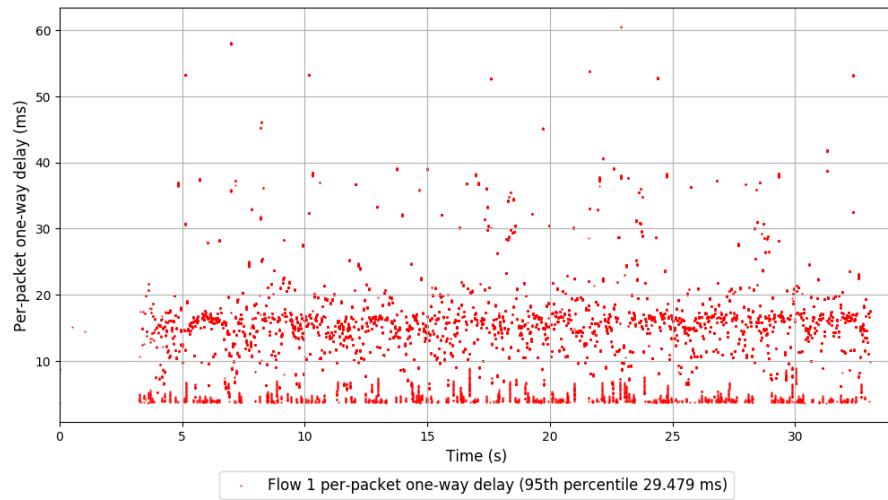
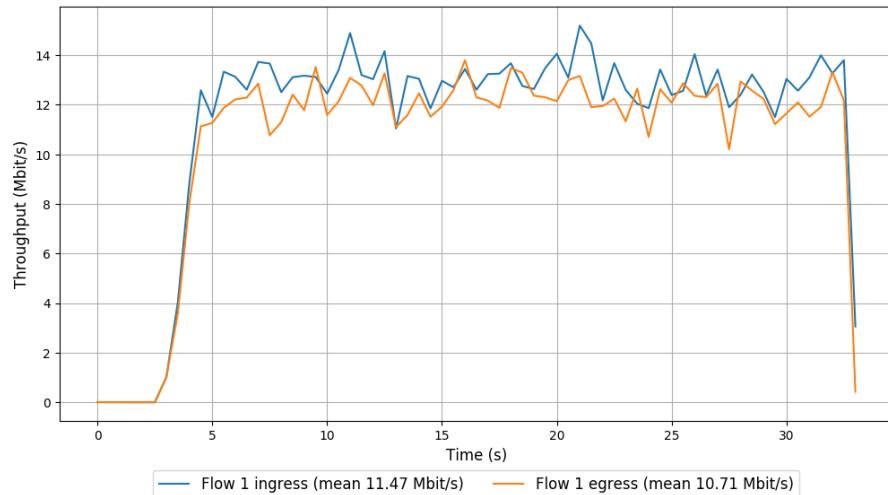


Run 10: Statistics of Sprout

```
Start at: Tue, 20 Jun 2017 02:44:37 +0000
End at: Tue, 20 Jun 2017 02:45:07 +0000
Local clock offset: 6.08 ms
Remote clock offset: -20.616 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 29.479 ms
Loss rate: 6.72%
-- Flow 1:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 29.479 ms
Loss rate: 6.72%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 00:10:04 +0000

End at: Tue, 20 Jun 2017 00:10:34 +0000

Local clock offset: 4.242 ms

Remote clock offset: -18.748 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:23:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 37.893 ms

Loss rate: 45.54%

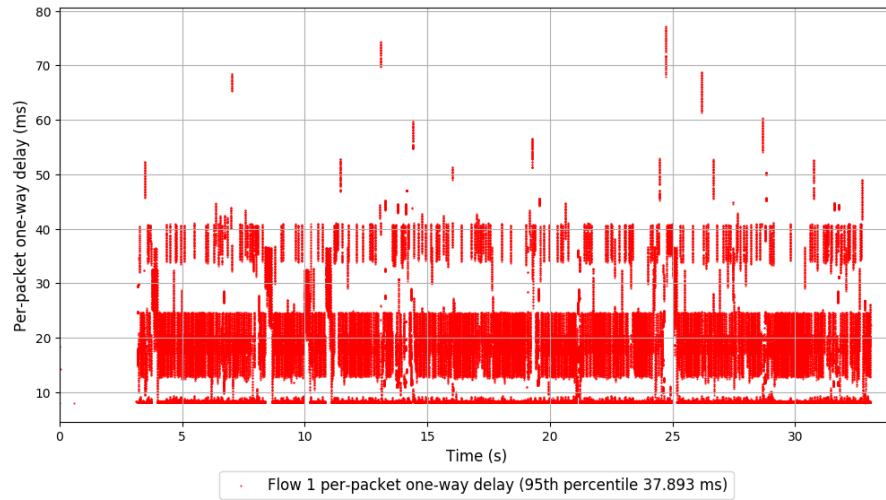
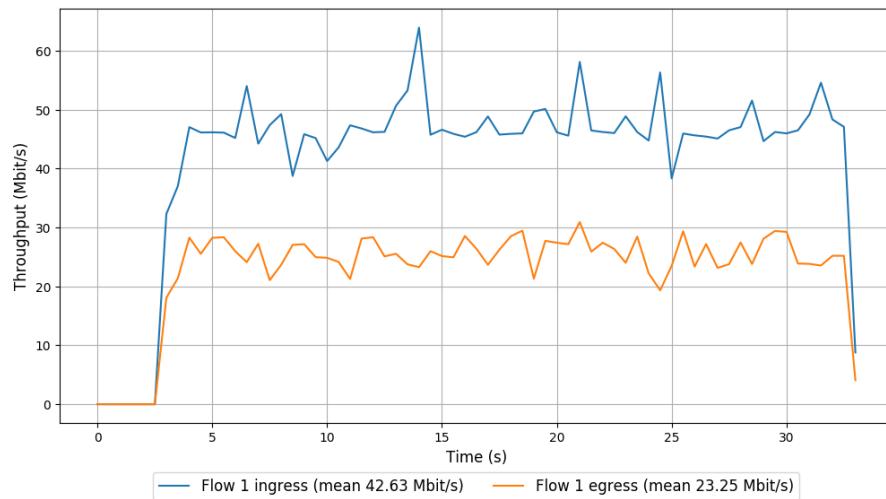
-- Flow 1:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 37.893 ms

Loss rate: 45.54%

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

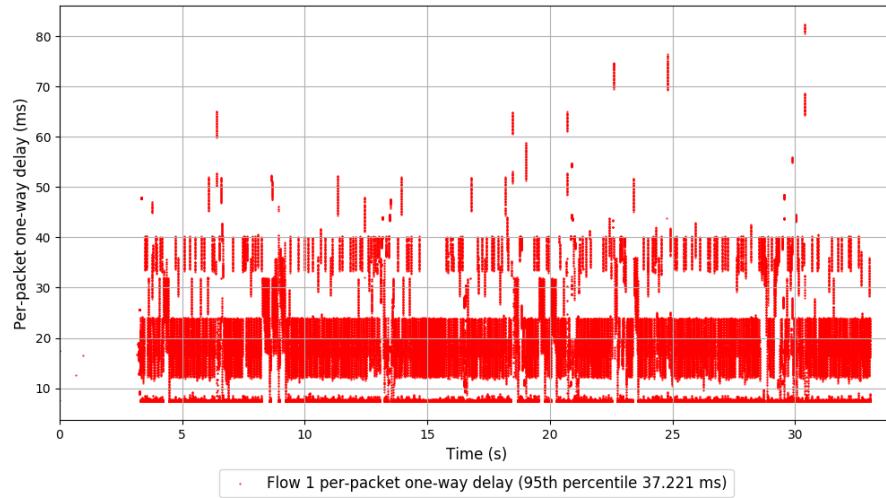
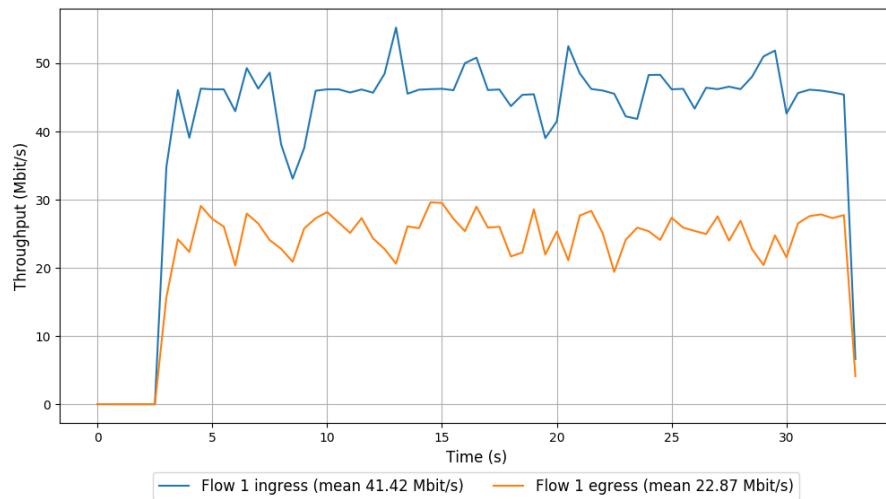


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 00:28:03 +0000
End at: Tue, 20 Jun 2017 00:28:33 +0000
Local clock offset: 2.319 ms
Remote clock offset: -18.173 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 37.221 ms
Loss rate: 44.82%
-- Flow 1:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 37.221 ms
Loss rate: 44.82%
```

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

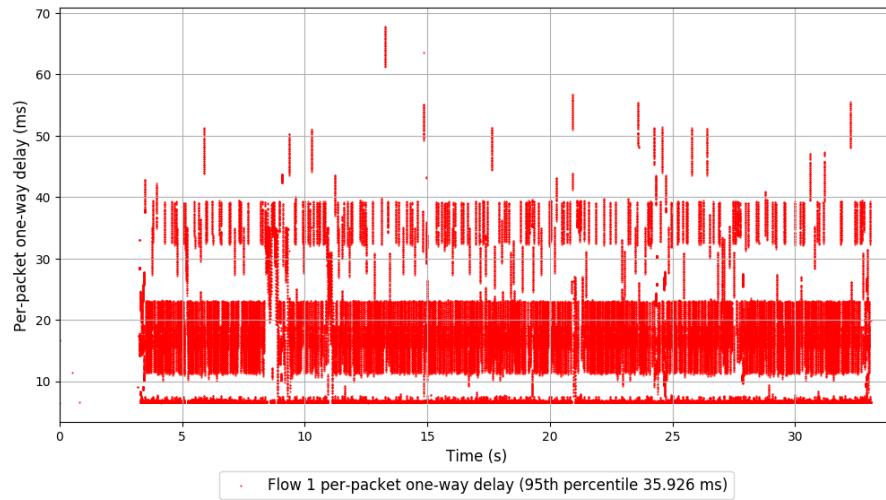
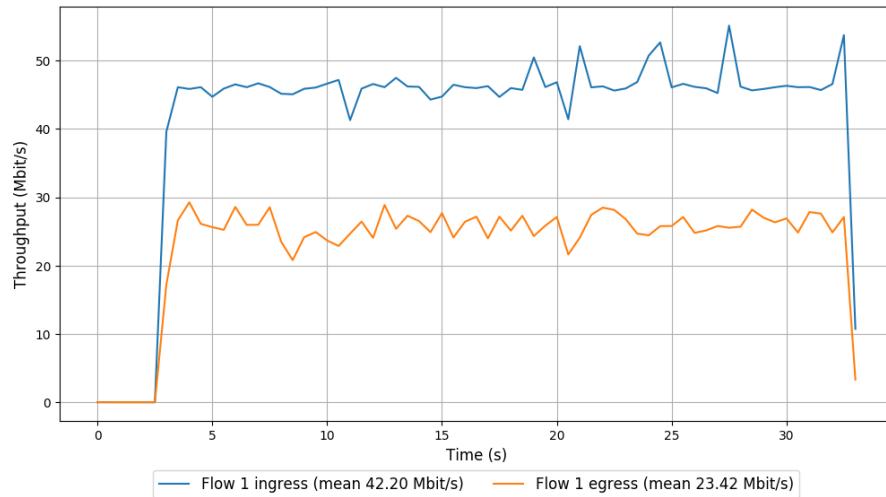


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 00:46:01 +0000
End at: Tue, 20 Jun 2017 00:46:31 +0000
Local clock offset: 3.365 ms
Remote clock offset: -19.62 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 35.926 ms
Loss rate: 44.59%
-- Flow 1:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 35.926 ms
Loss rate: 44.59%
```

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

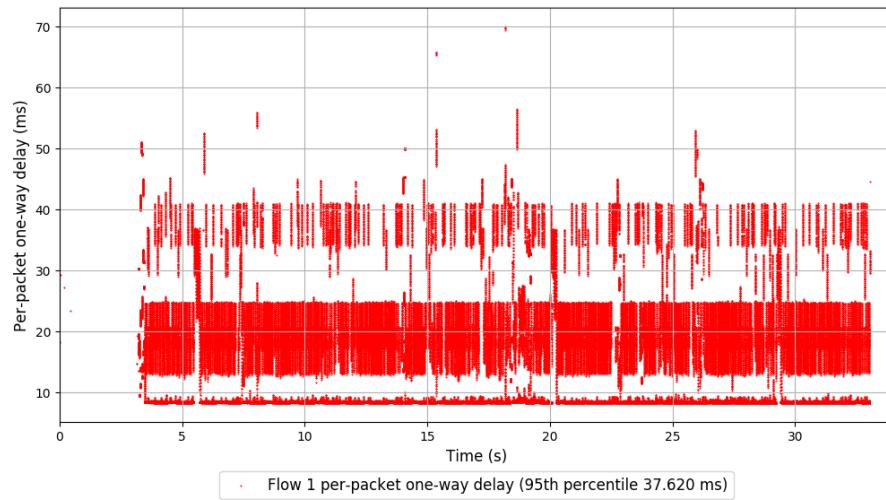
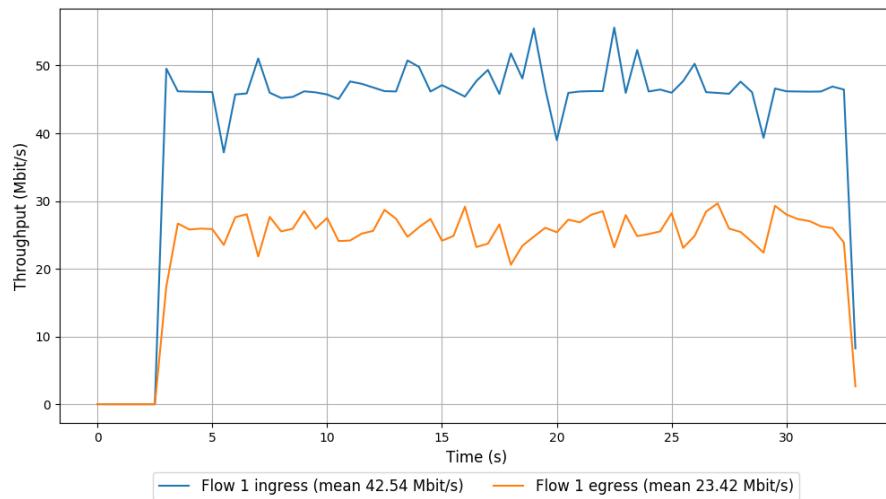


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 01:03:45 +0000
End at: Tue, 20 Jun 2017 01:04:15 +0000
Local clock offset: -0.651 ms
Remote clock offset: -20.744 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 37.620 ms
Loss rate: 45.01%
-- Flow 1:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 37.620 ms
Loss rate: 45.01%
```

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 01:21:36 +0000

End at: Tue, 20 Jun 2017 01:22:06 +0000

Local clock offset: -1.876 ms

Remote clock offset: -23.135 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:24:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.28 Mbit/s

95th percentile per-packet one-way delay: 36.892 ms

Loss rate: 44.40%

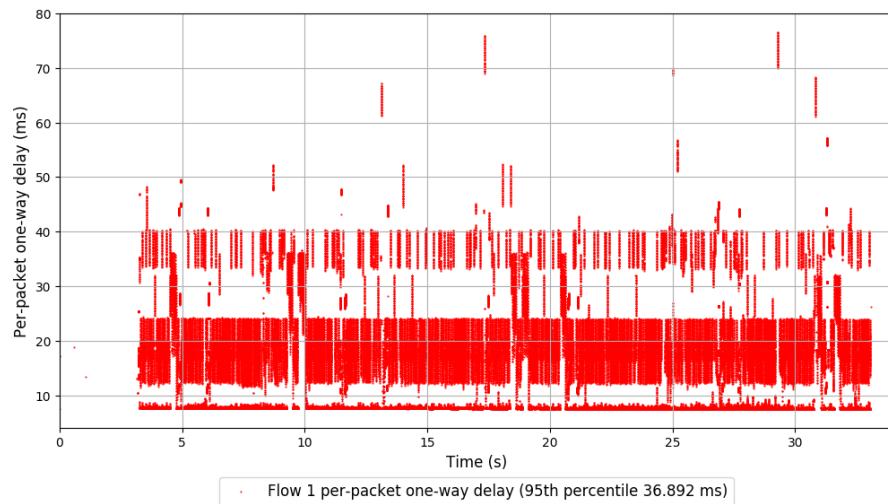
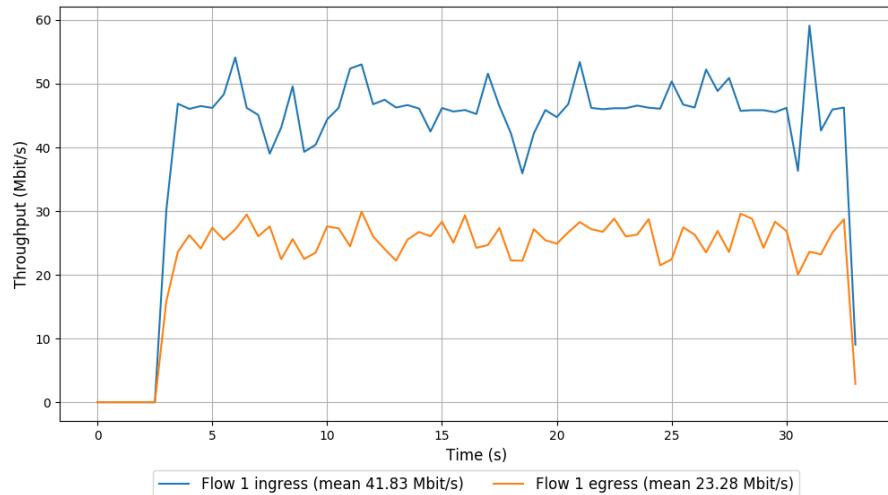
-- Flow 1:

Average throughput: 23.28 Mbit/s

95th percentile per-packet one-way delay: 36.892 ms

Loss rate: 44.40%

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

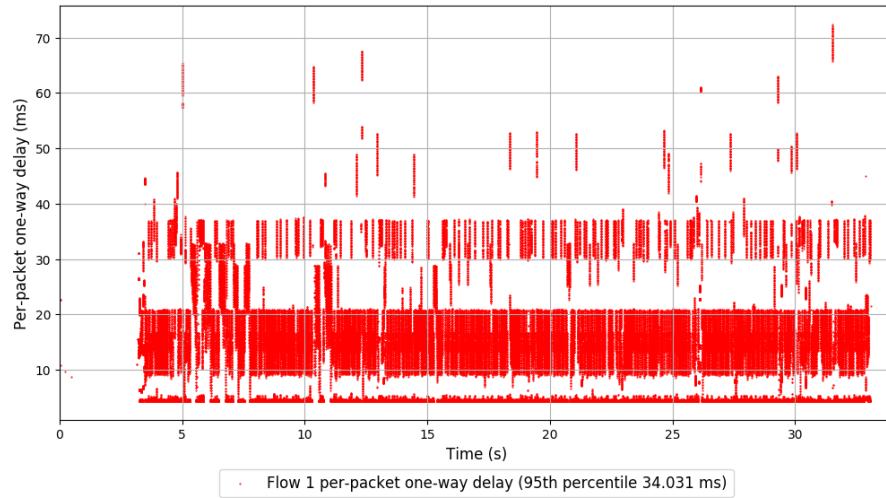
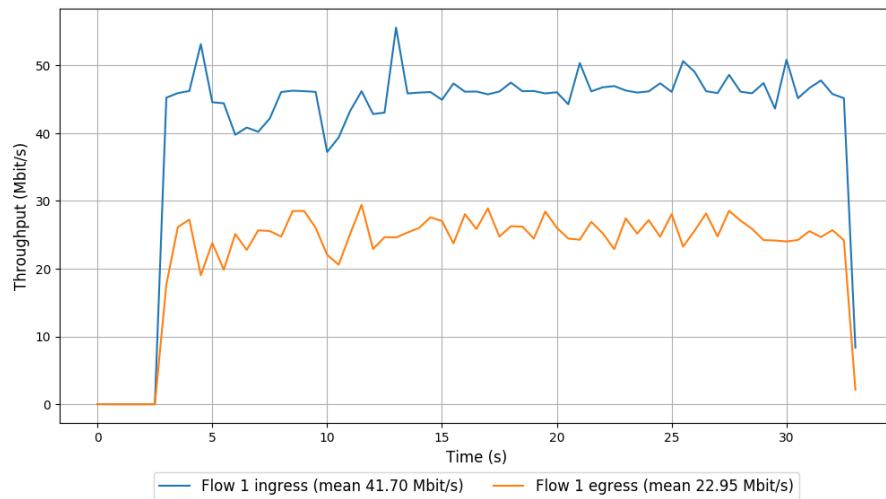


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 01:39:32 +0000
End at: Tue, 20 Jun 2017 01:40:02 +0000
Local clock offset: 5.701 ms
Remote clock offset: -20.835 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:24:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.95 Mbit/s
95th percentile per-packet one-way delay: 34.031 ms
Loss rate: 45.03%
-- Flow 1:
Average throughput: 22.95 Mbit/s
95th percentile per-packet one-way delay: 34.031 ms
Loss rate: 45.03%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 01:57:35 +0000

End at: Tue, 20 Jun 2017 01:58:05 +0000

Local clock offset: 5.788 ms

Remote clock offset: -22.19 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:24:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 33.315 ms

Loss rate: 45.23%

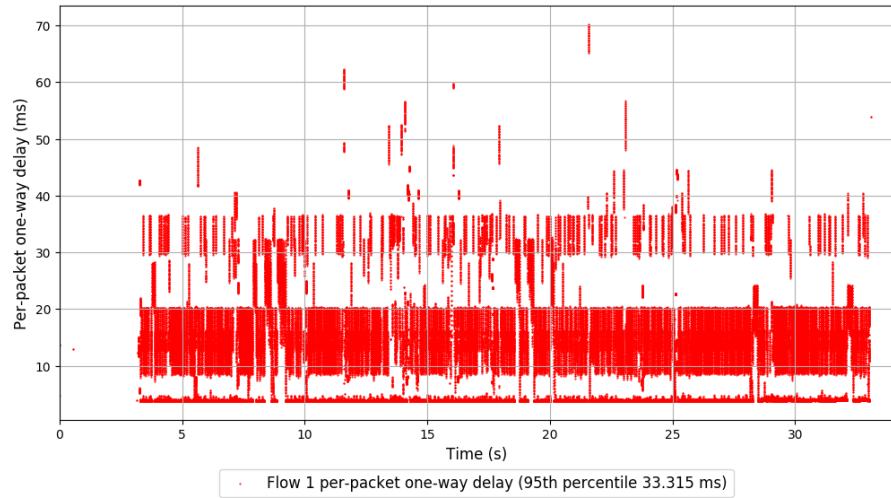
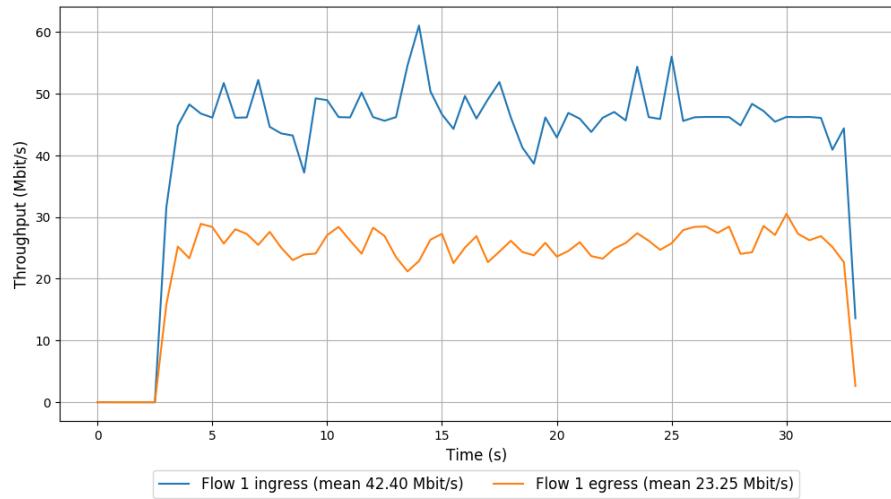
-- Flow 1:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 33.315 ms

Loss rate: 45.23%

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

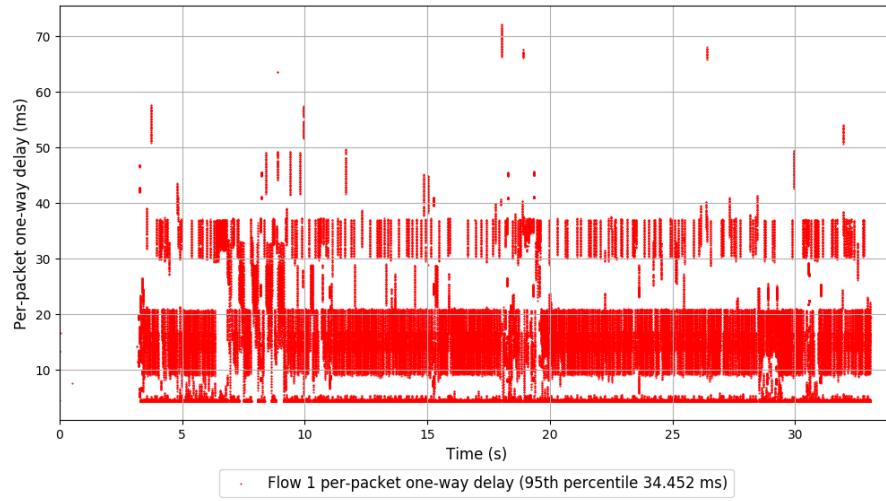
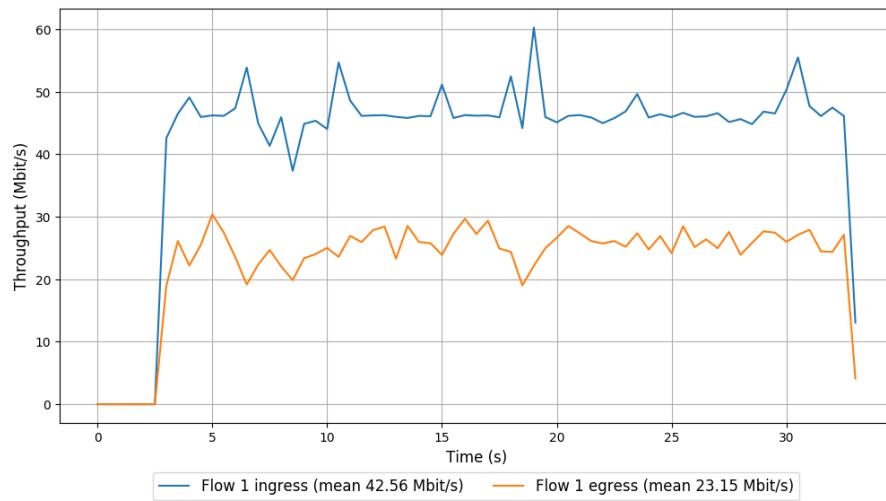


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 02:15:28 +0000
End at: Tue, 20 Jun 2017 02:15:58 +0000
Local clock offset: 6.045 ms
Remote clock offset: -21.394 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 34.452 ms
Loss rate: 45.73%
-- Flow 1:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 34.452 ms
Loss rate: 45.73%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 20 Jun 2017 02:33:25 +0000

End at: Tue, 20 Jun 2017 02:33:55 +0000

Local clock offset: 3.394 ms

Remote clock offset: -21.712 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:25:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.73 Mbit/s

95th percentile per-packet one-way delay: 34.109 ms

Loss rate: 46.89%

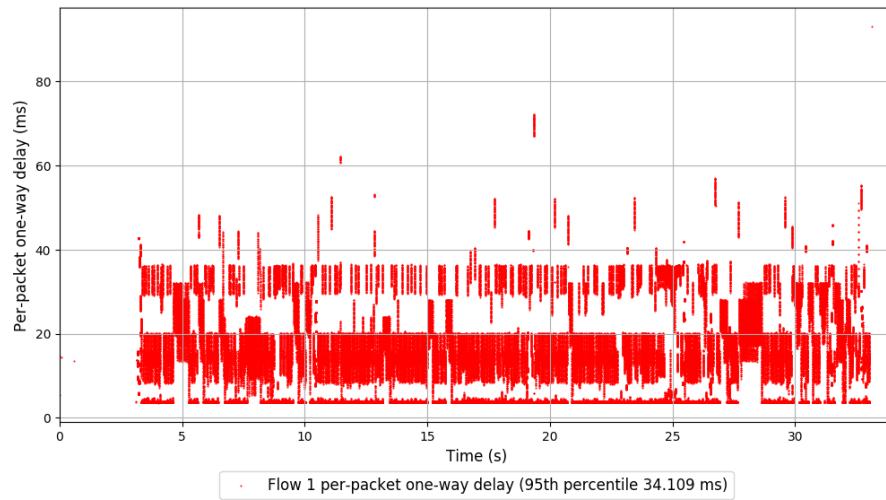
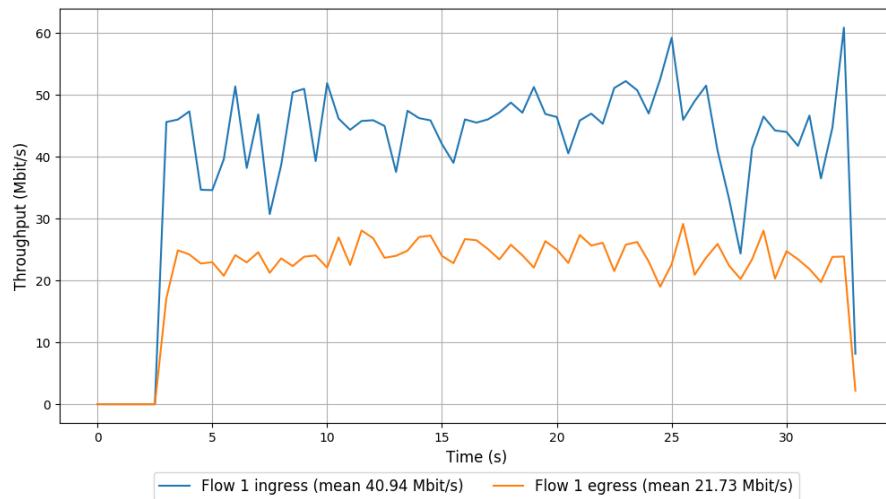
-- Flow 1:

Average throughput: 21.73 Mbit/s

95th percentile per-packet one-way delay: 34.109 ms

Loss rate: 46.89%

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

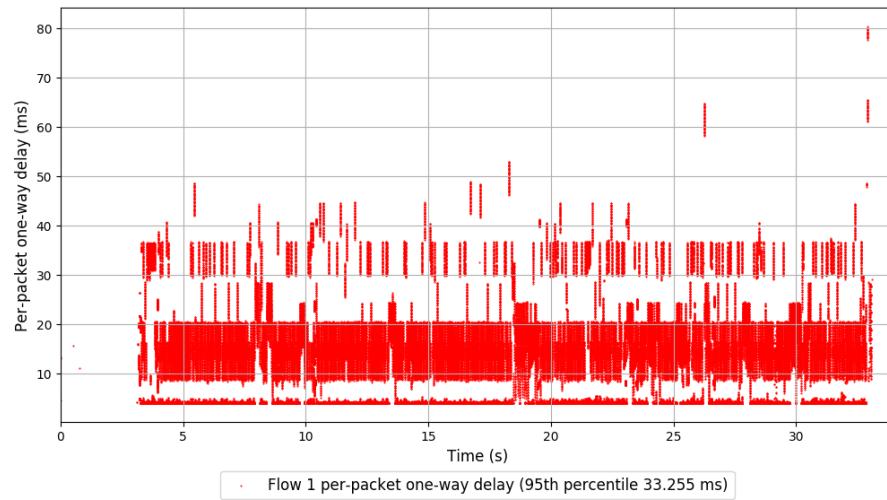
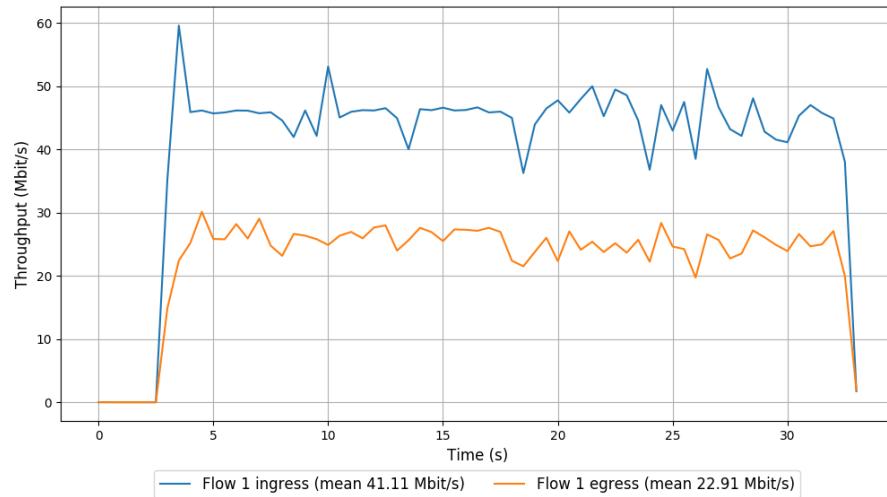


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 20 Jun 2017 02:51:43 +0000
End at: Tue, 20 Jun 2017 02:52:13 +0000
Local clock offset: 2.255 ms
Remote clock offset: -22.536 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 33.255 ms
Loss rate: 44.28%
-- Flow 1:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 33.255 ms
Loss rate: 44.28%
```

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

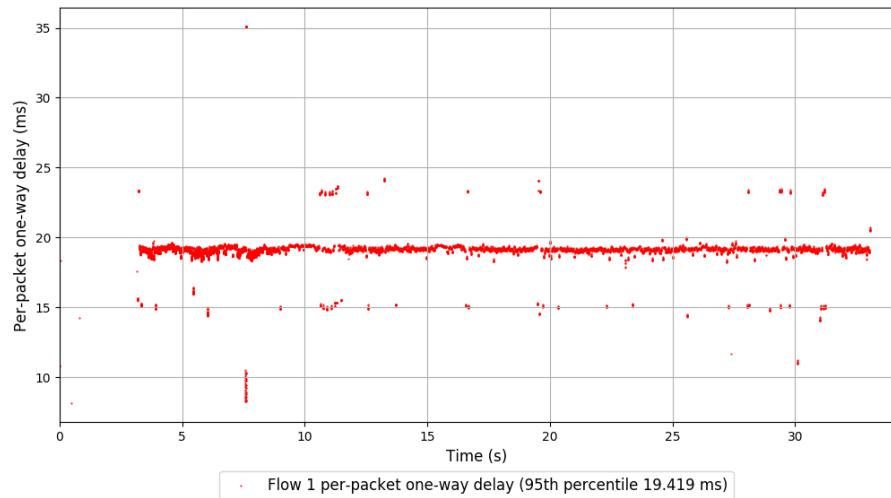
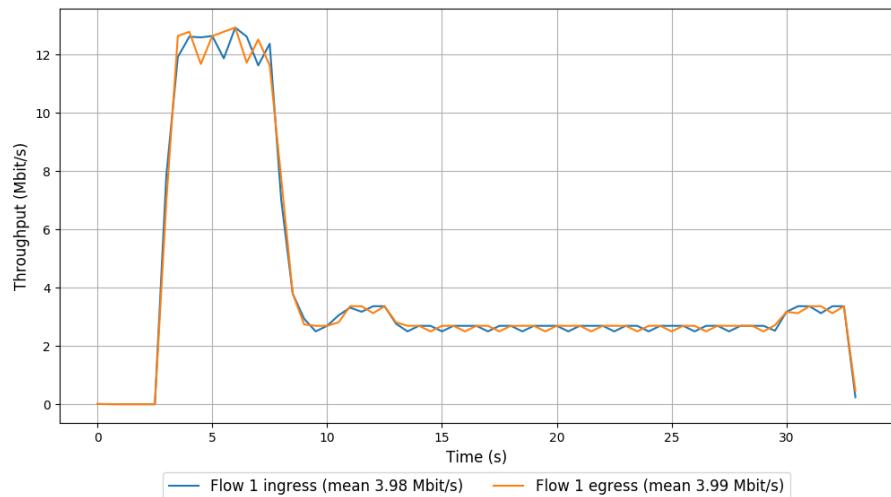


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:06:40 +0000
End at: Tue, 20 Jun 2017 00:07:10 +0000
Local clock offset: 3.769 ms
Remote clock offset: -22.08 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 19.419 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 19.419 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

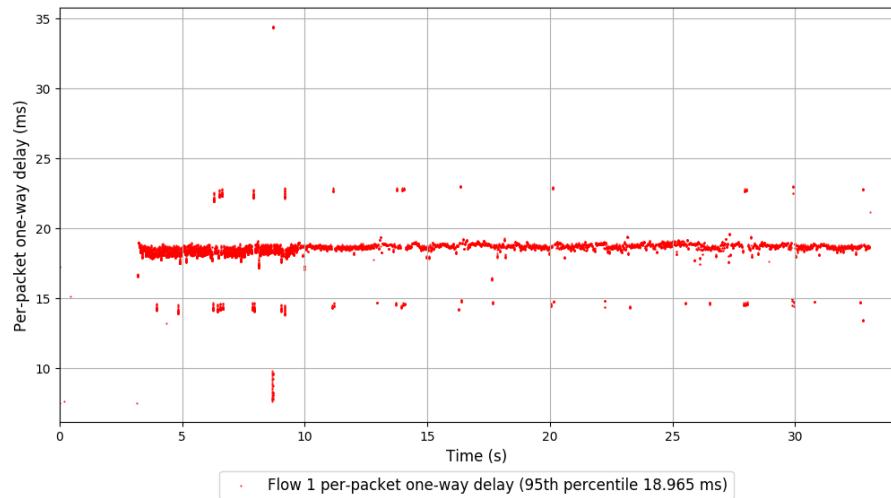
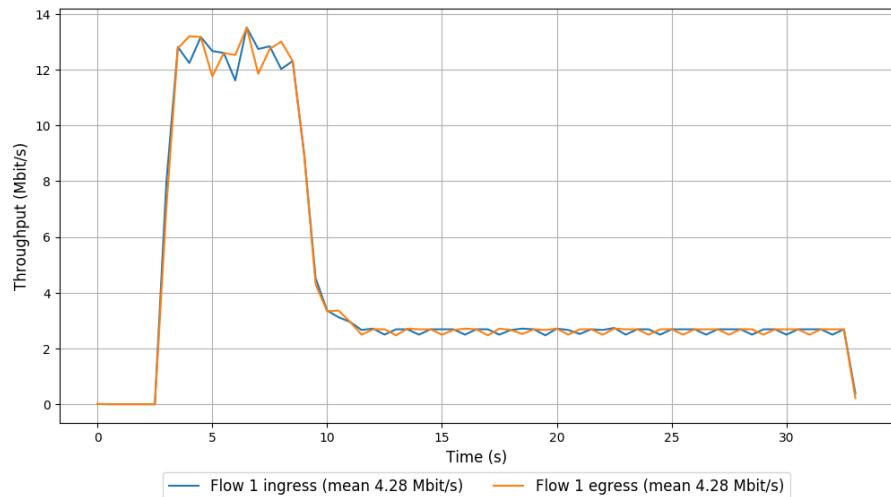


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:24:38 +0000
End at: Tue, 20 Jun 2017 00:25:08 +0000
Local clock offset: 4.3 ms
Remote clock offset: -18.59 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 18.965 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 18.965 ms
Loss rate: 0.06%
```

Run 2: Report of TCP Vegas — Data Link

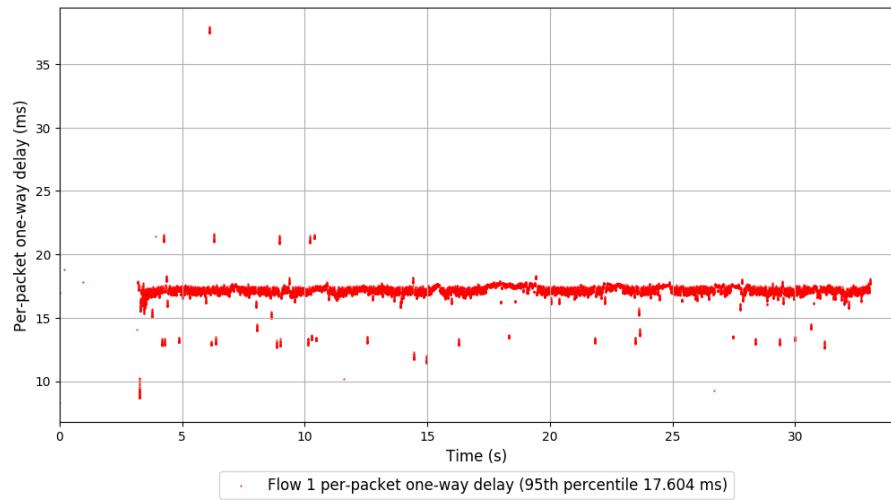
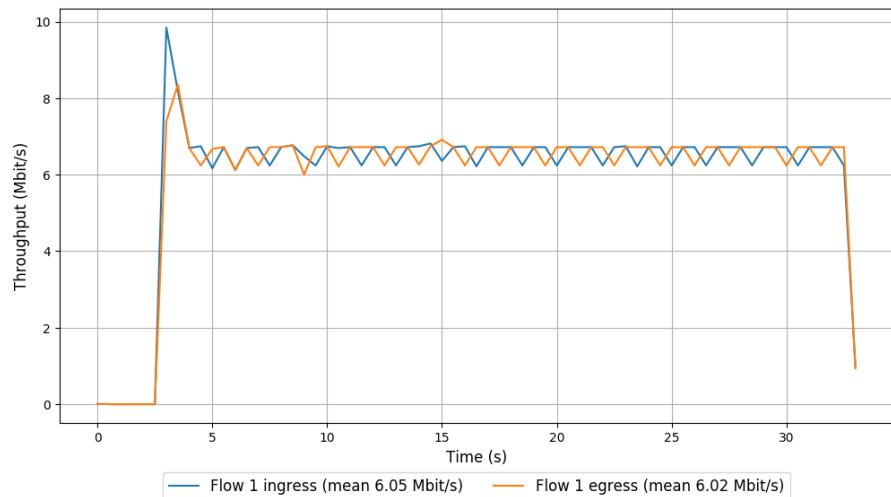


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 00:42:34 +0000
End at: Tue, 20 Jun 2017 00:43:04 +0000
Local clock offset: 4.607 ms
Remote clock offset: -19.774 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 17.604 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 17.604 ms
Loss rate: 0.58%
```

Run 3: Report of TCP Vegas — Data Link

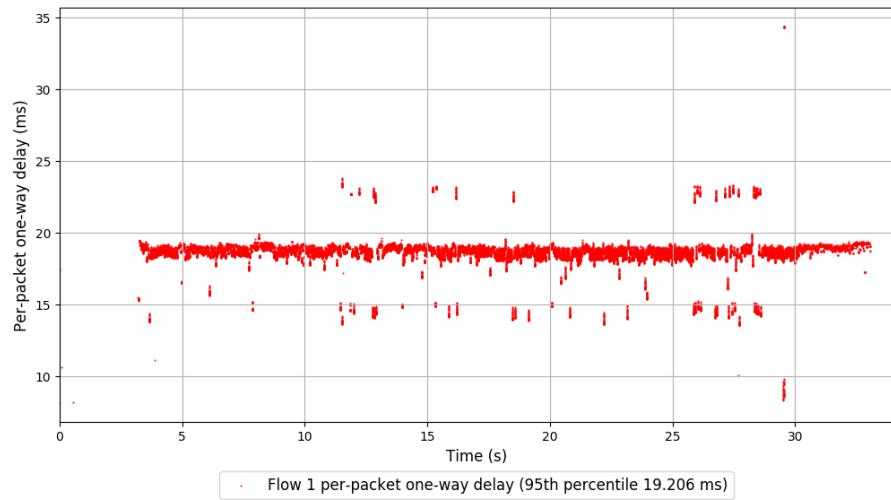
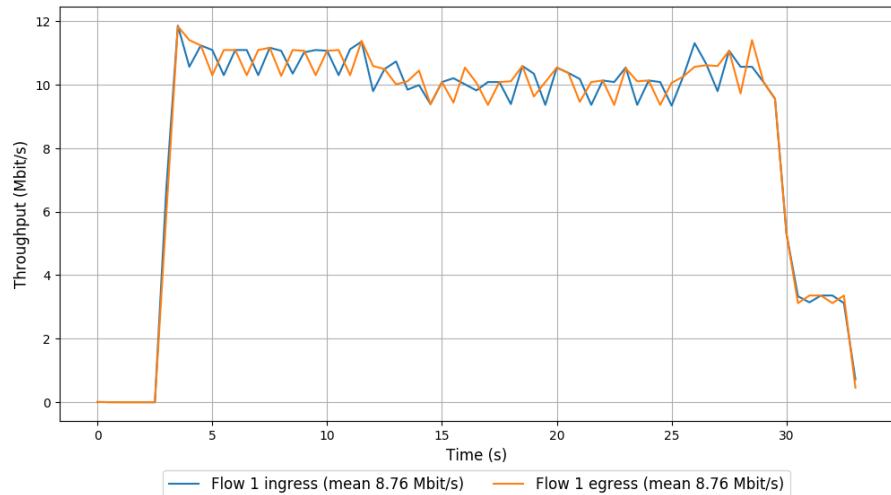


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:00:18 +0000
End at: Tue, 20 Jun 2017 01:00:48 +0000
Local clock offset: 0.627 ms
Remote clock offset: -18.72 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 19.206 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 19.206 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Vegas — Data Link

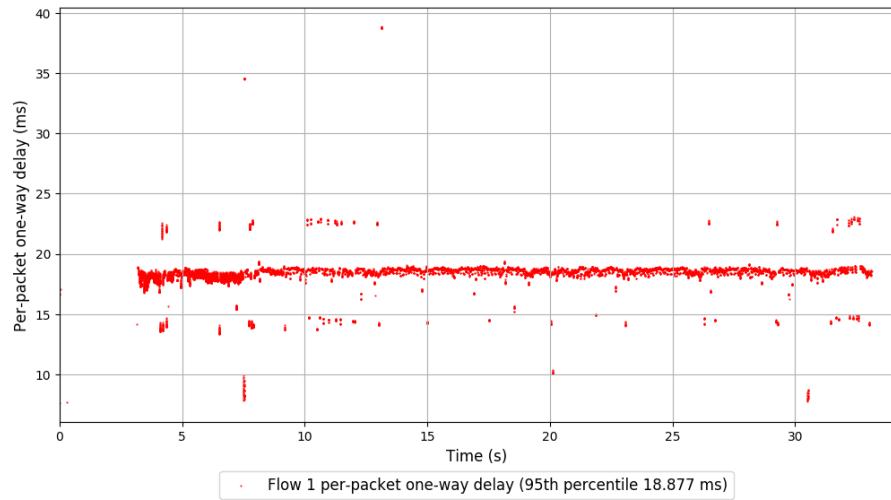
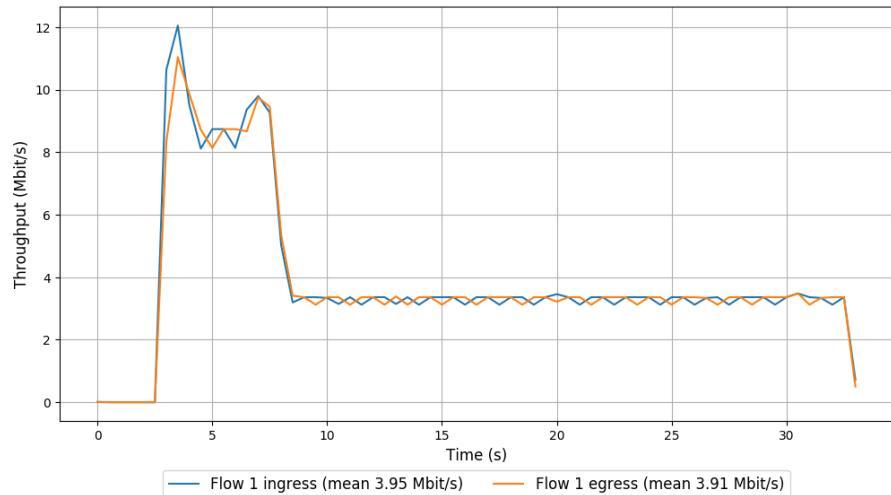


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:18:09 +0000
End at: Tue, 20 Jun 2017 01:18:39 +0000
Local clock offset: 4.763 ms
Remote clock offset: -20.331 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 18.877 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 18.877 ms
Loss rate: 0.98%
```

Run 5: Report of TCP Vegas — Data Link

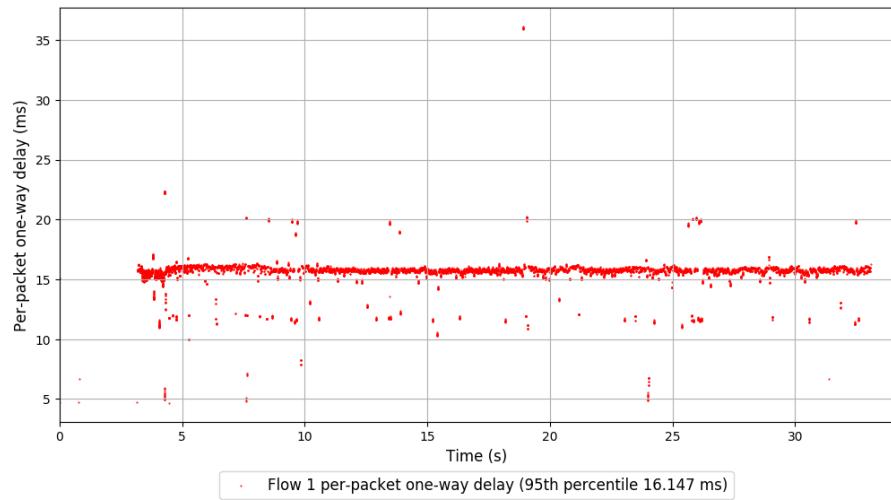
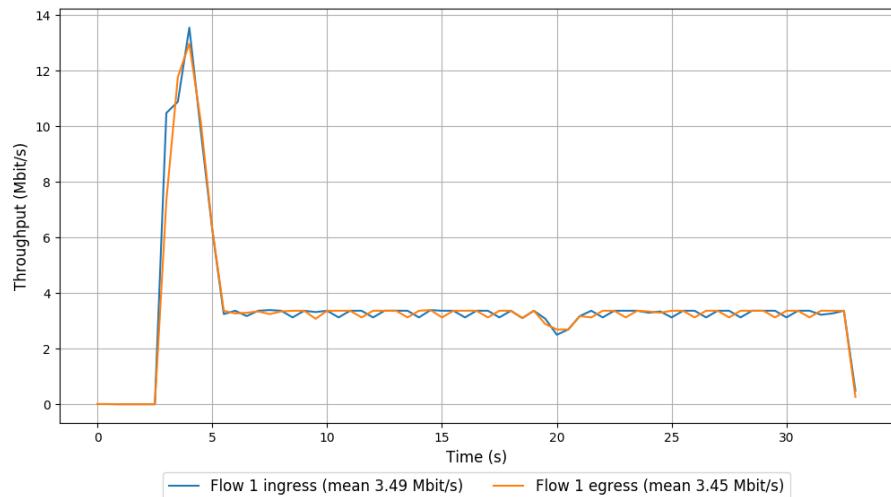


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 01:36:02 +0000
End at: Tue, 20 Jun 2017 01:36:32 +0000
Local clock offset: 3.75 ms
Remote clock offset: -22.517 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 16.147 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 16.147 ms
Loss rate: 1.07%
```

Run 6: Report of TCP Vegas — Data Link



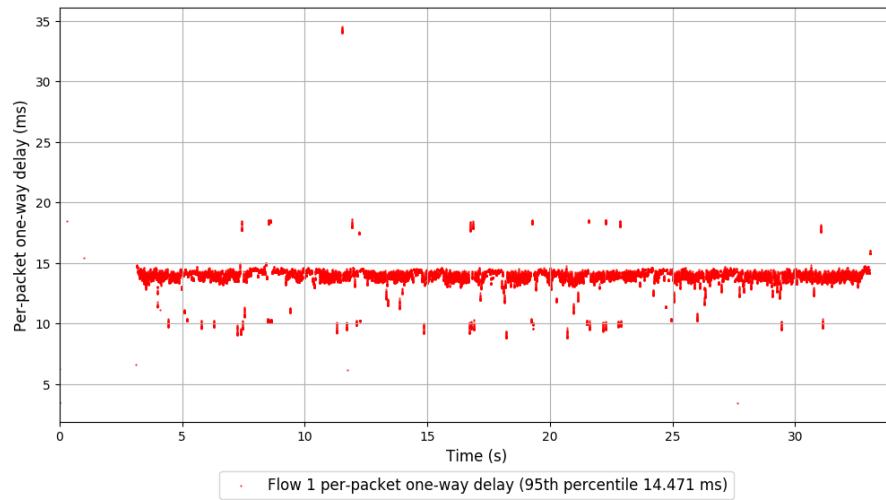
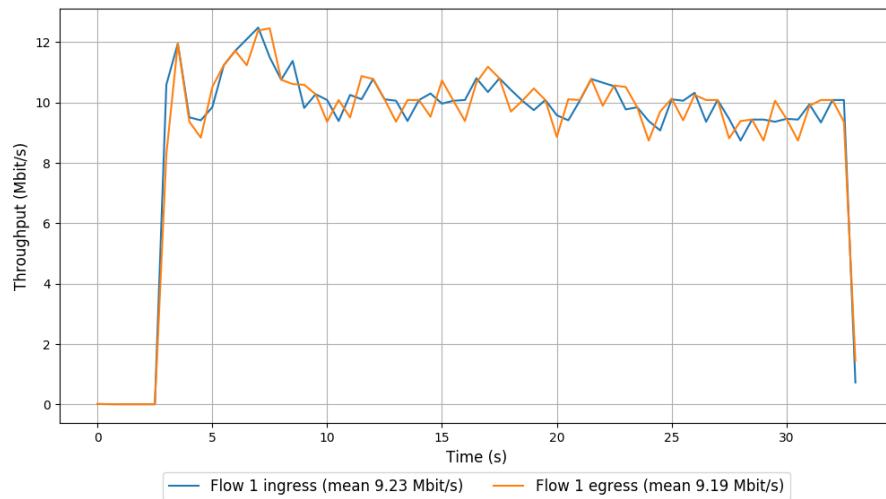
Run 7: Statistics of TCP Vegas

Start at: Tue, 20 Jun 2017 01:54:02 +0000
End at: Tue, 20 Jun 2017 01:54:32 +0000

Local clock offset: 4.175 ms
Remote clock offset: -23.086 ms

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 14.471 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 14.471 ms
Loss rate: 0.39%
```

Run 7: Report of TCP Vegas — Data Link

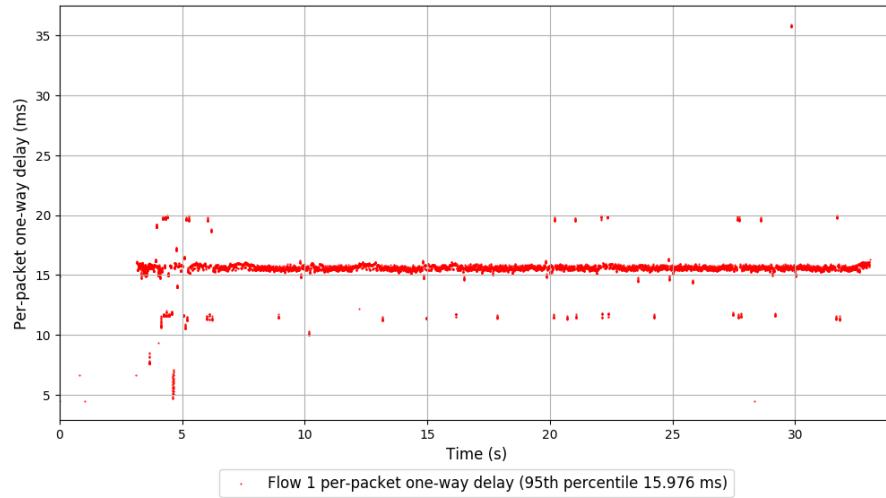
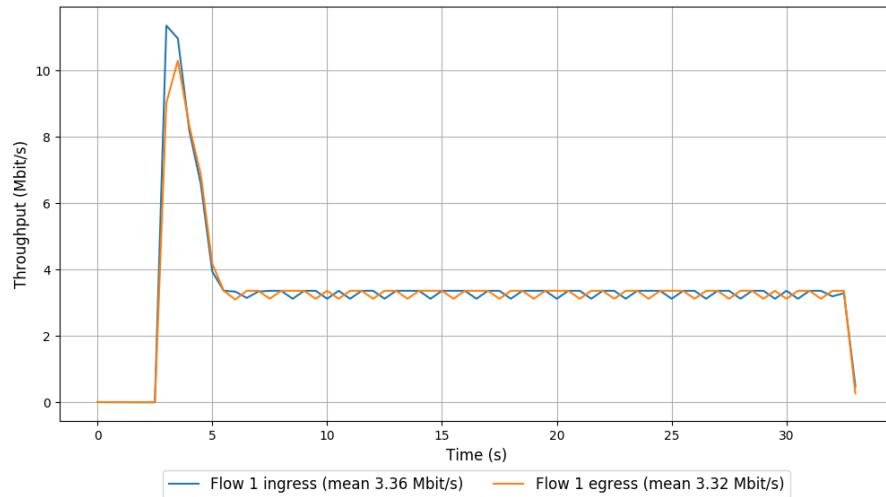


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:12:04 +0000
End at: Tue, 20 Jun 2017 02:12:34 +0000
Local clock offset: 1.945 ms
Remote clock offset: -22.061 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 15.976 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 15.976 ms
Loss rate: 1.14%
```

Run 8: Report of TCP Vegas — Data Link

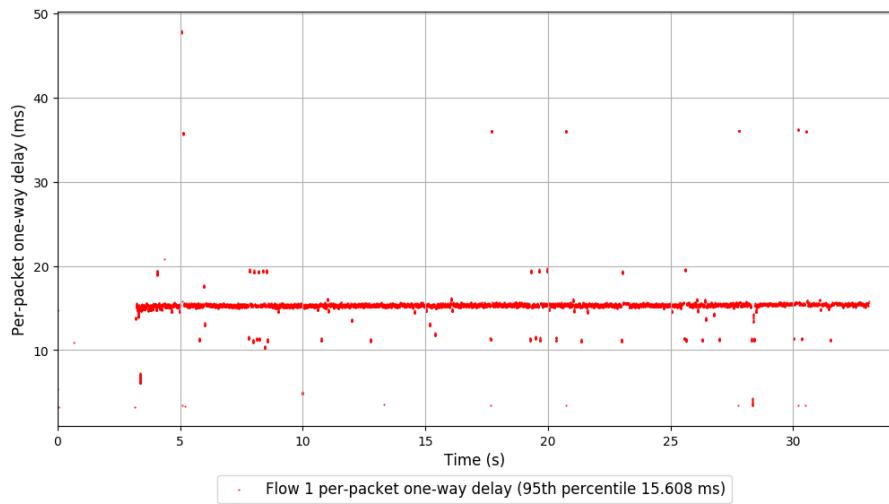
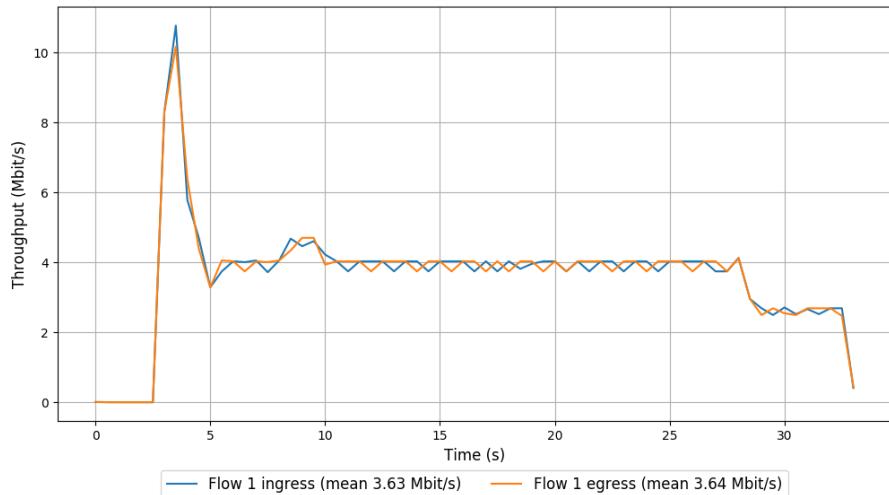


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:29:56 +0000
End at: Tue, 20 Jun 2017 02:30:26 +0000
Local clock offset: 4.62 ms
Remote clock offset: -21.458 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 15.608 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 15.608 ms
Loss rate: 0.08%
```

Run 9: Report of TCP Vegas — Data Link

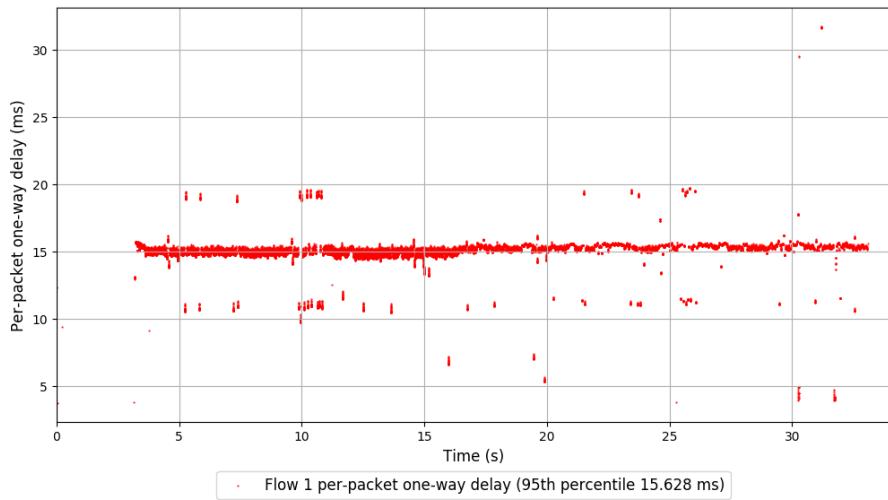
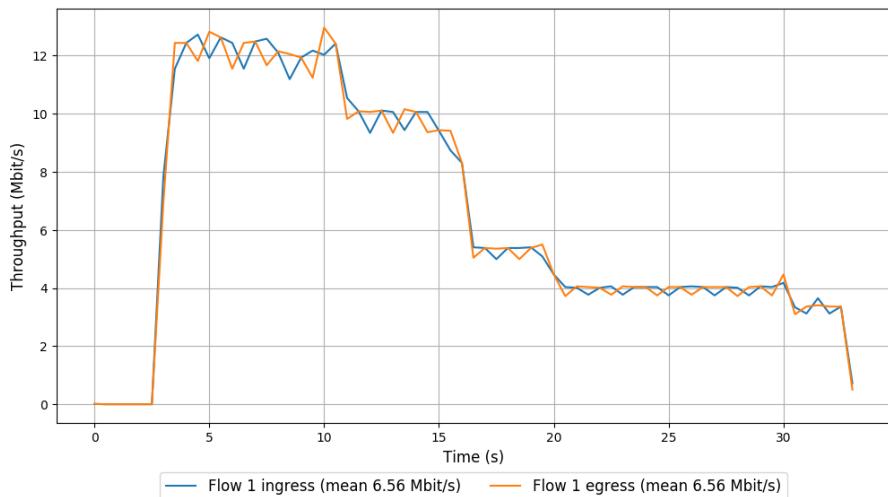


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 20 Jun 2017 02:48:12 +0000
End at: Tue, 20 Jun 2017 02:48:42 +0000
Local clock offset: 2.724 ms
Remote clock offset: -22.93 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.05%
```

Run 10: Report of TCP Vegas — Data Link

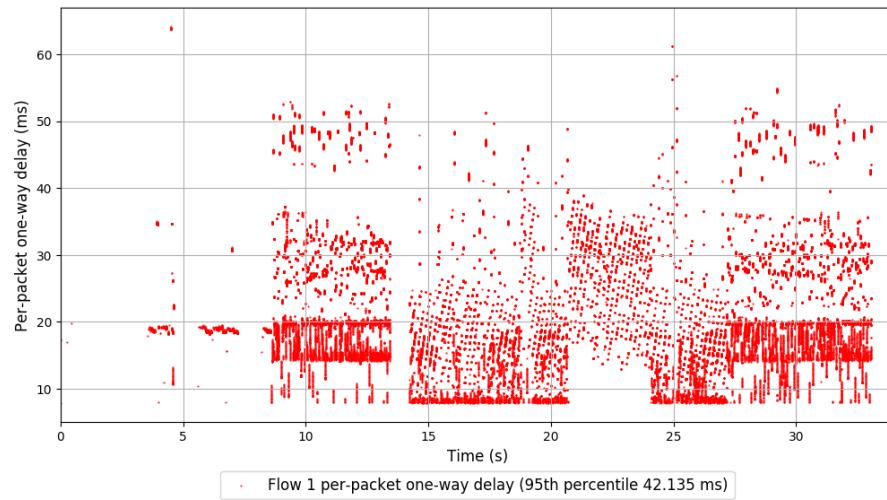
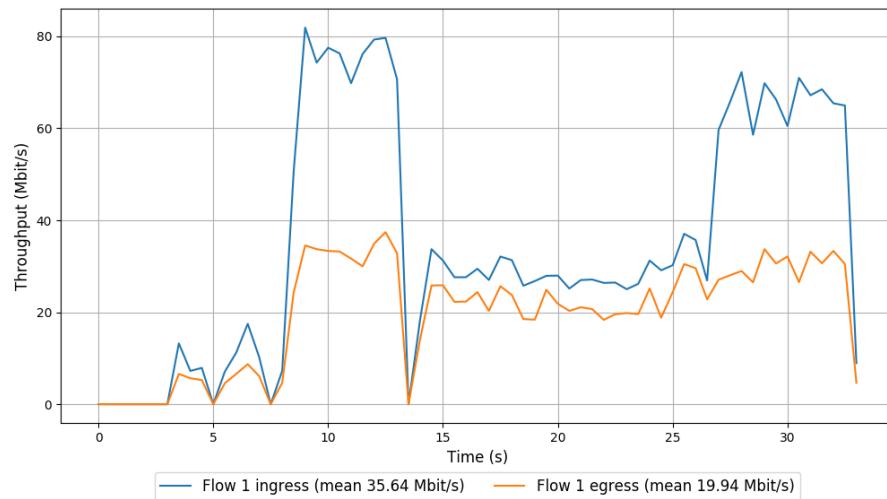


Run 1: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:17:30 +0000
End at: Tue, 20 Jun 2017 00:18:00 +0000
Local clock offset: -0.541 ms
Remote clock offset: -19.712 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.94 Mbit/s
95th percentile per-packet one-way delay: 42.135 ms
Loss rate: 44.06%
-- Flow 1:
Average throughput: 19.94 Mbit/s
95th percentile per-packet one-way delay: 42.135 ms
Loss rate: 44.06%
```

Run 1: Report of Verus — Data Link

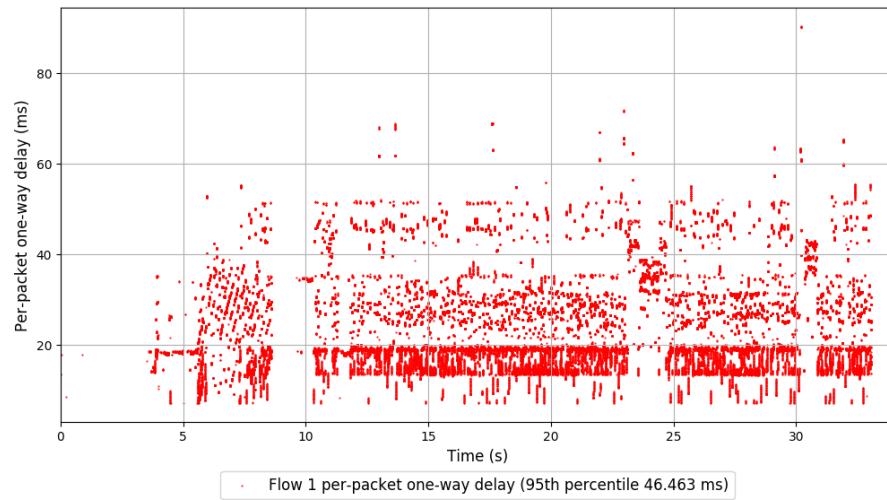
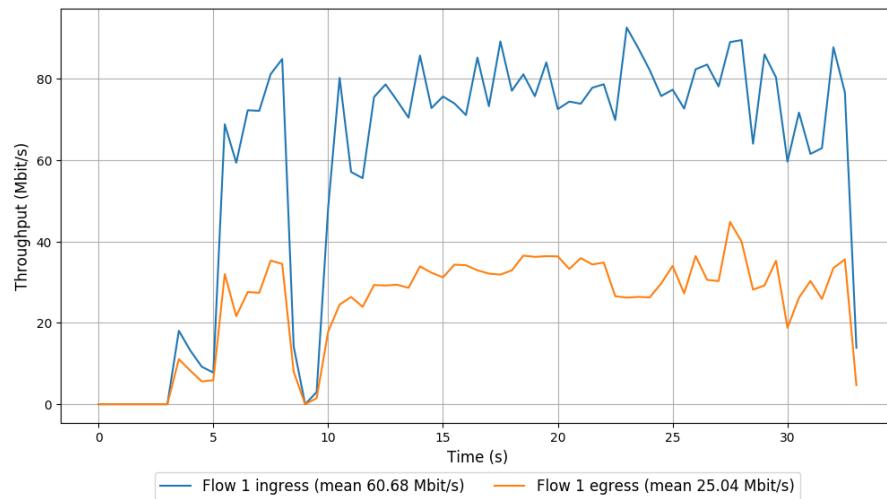


Run 2: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:35:28 +0000
End at: Tue, 20 Jun 2017 00:35:58 +0000
Local clock offset: 4.489 ms
Remote clock offset: -18.869 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.04 Mbit/s
95th percentile per-packet one-way delay: 46.463 ms
Loss rate: 58.78%
-- Flow 1:
Average throughput: 25.04 Mbit/s
95th percentile per-packet one-way delay: 46.463 ms
Loss rate: 58.78%
```

Run 2: Report of Verus — Data Link

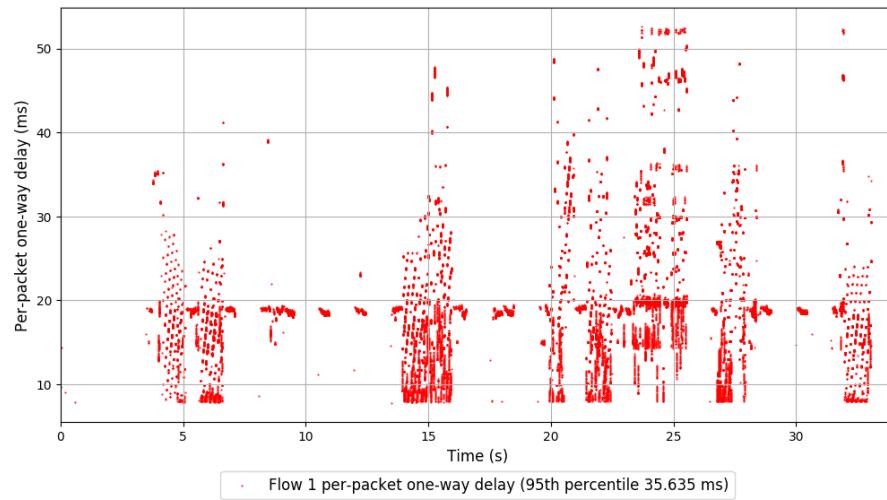
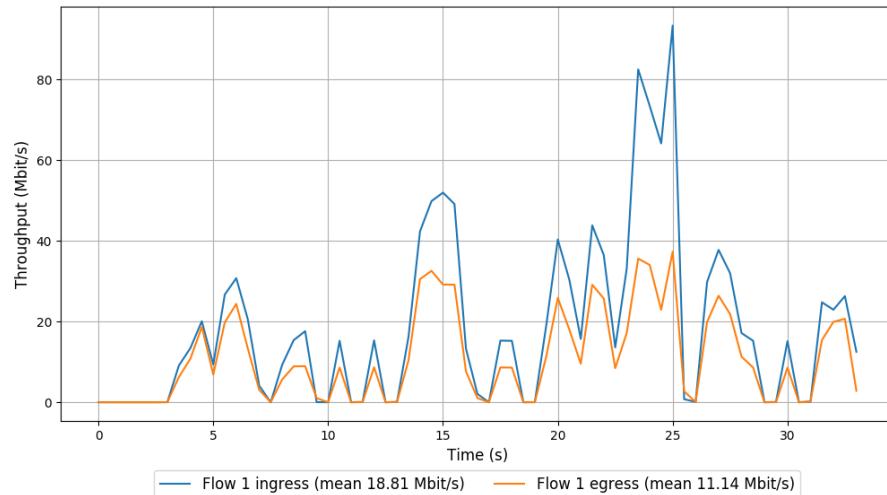


Run 3: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 00:53:25 +0000
End at: Tue, 20 Jun 2017 00:53:55 +0000
Local clock offset: 4.331 ms
Remote clock offset: -19.731 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 35.635 ms
Loss rate: 40.78%
-- Flow 1:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 35.635 ms
Loss rate: 40.78%
```

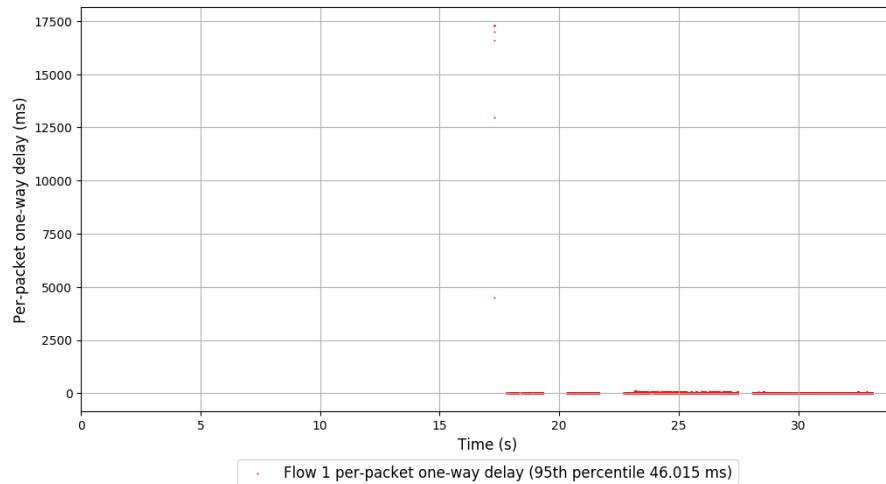
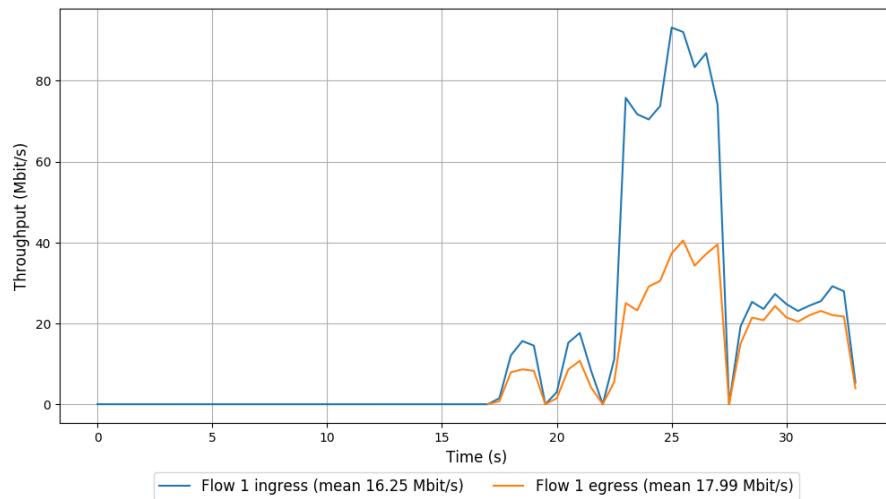
Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 20 Jun 2017 01:11:12 +0000
End at: Tue, 20 Jun 2017 01:11:42 +0000
Local clock offset: 1.668 ms
Remote clock offset: -20.283 ms

Run 4: Report of Verus — Data Link

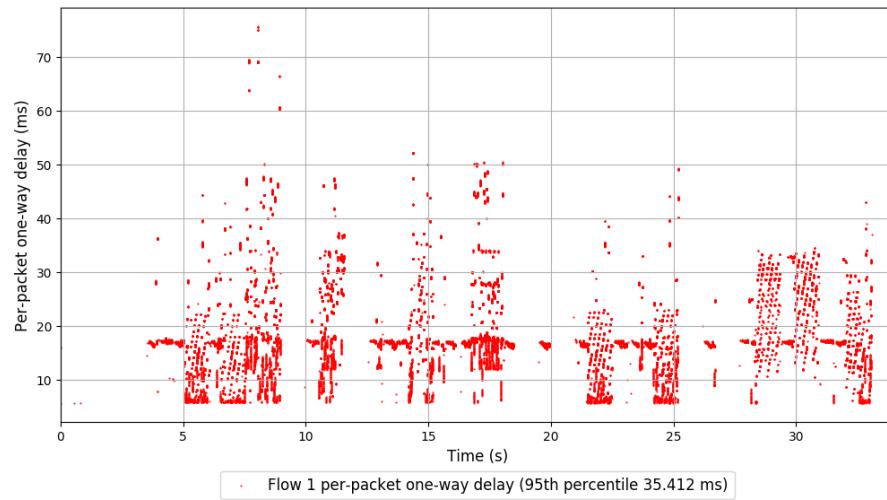
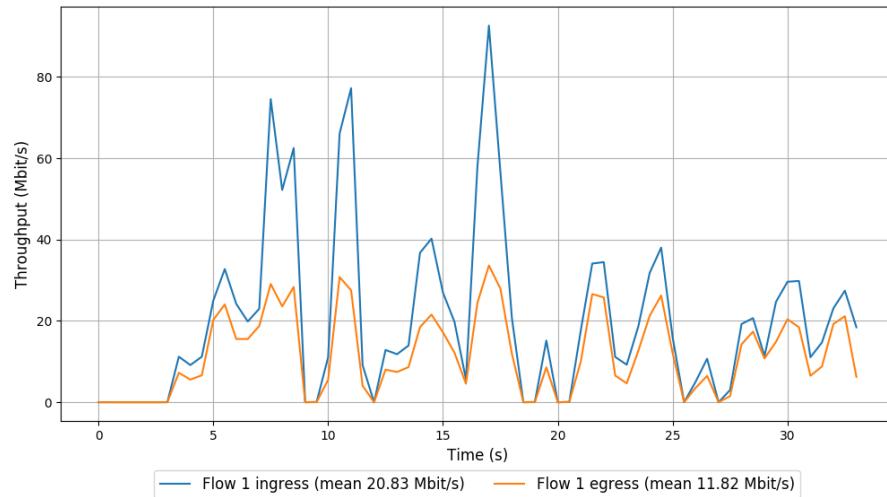


Run 5: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 01:29:09 +0000
End at: Tue, 20 Jun 2017 01:29:39 +0000
Local clock offset: 5.372 ms
Remote clock offset: -22.874 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 35.412 ms
Loss rate: 43.31%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 35.412 ms
Loss rate: 43.31%
```

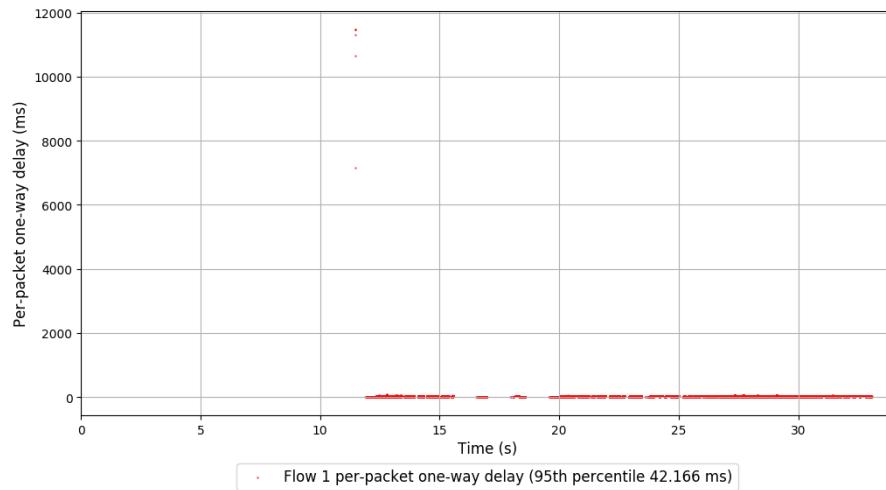
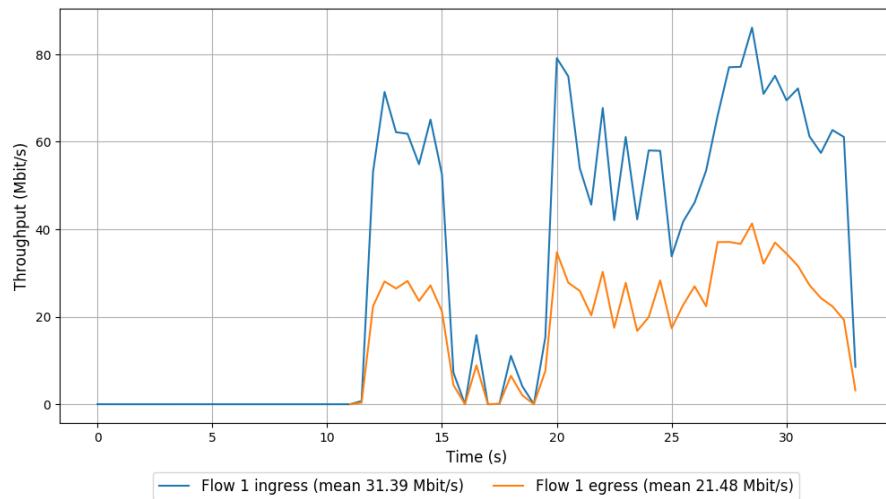
Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 20 Jun 2017 01:47:02 +0000
End at: Tue, 20 Jun 2017 01:47:32 +0000
Local clock offset: 4.474 ms
Remote clock offset: -22.419 ms

Run 6: Report of Verus — Data Link

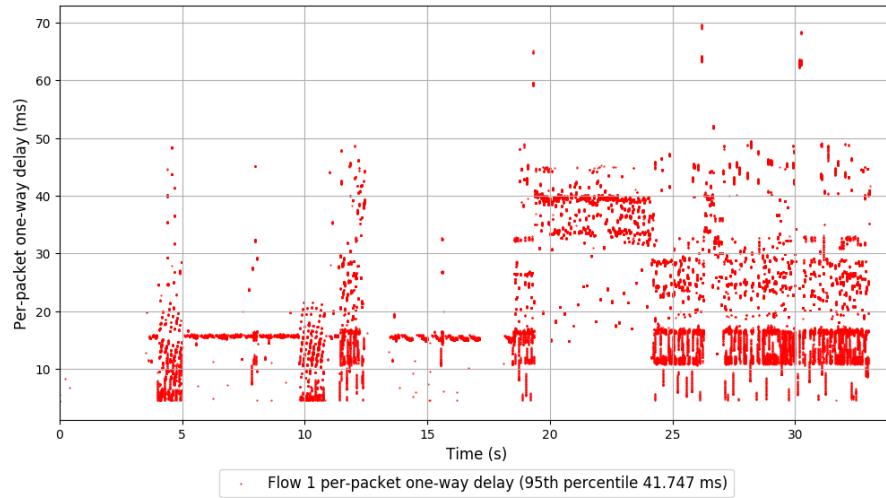
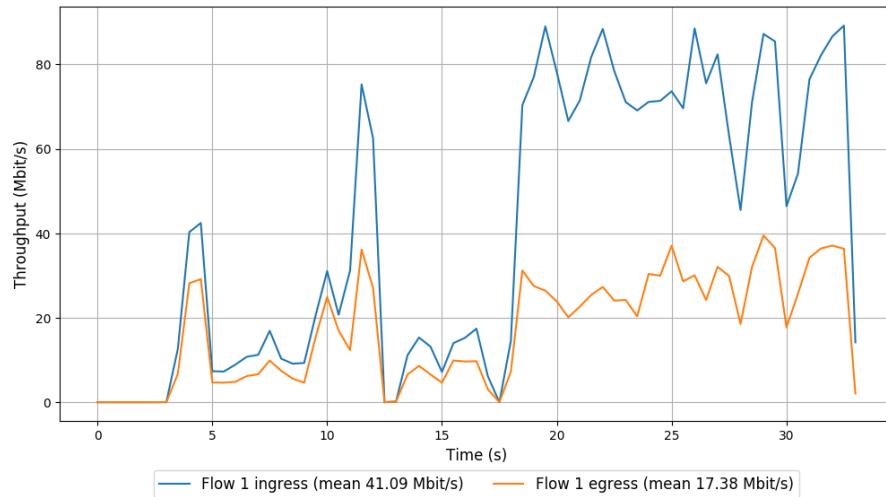


Run 7: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:05:03 +0000
End at: Tue, 20 Jun 2017 02:05:33 +0000
Local clock offset: 3.997 ms
Remote clock offset: -21.296 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.38 Mbit/s
95th percentile per-packet one-way delay: 41.747 ms
Loss rate: 57.72%
-- Flow 1:
Average throughput: 17.38 Mbit/s
95th percentile per-packet one-way delay: 41.747 ms
Loss rate: 57.72%
```

Run 7: Report of Verus — Data Link

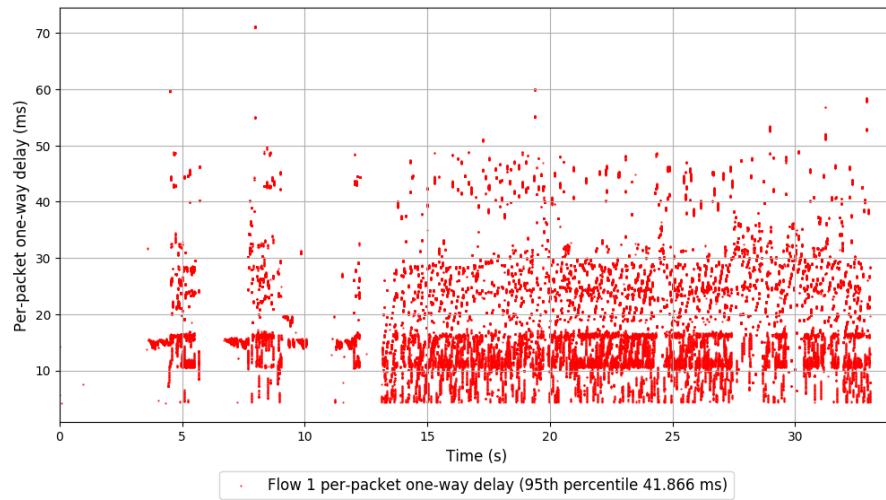
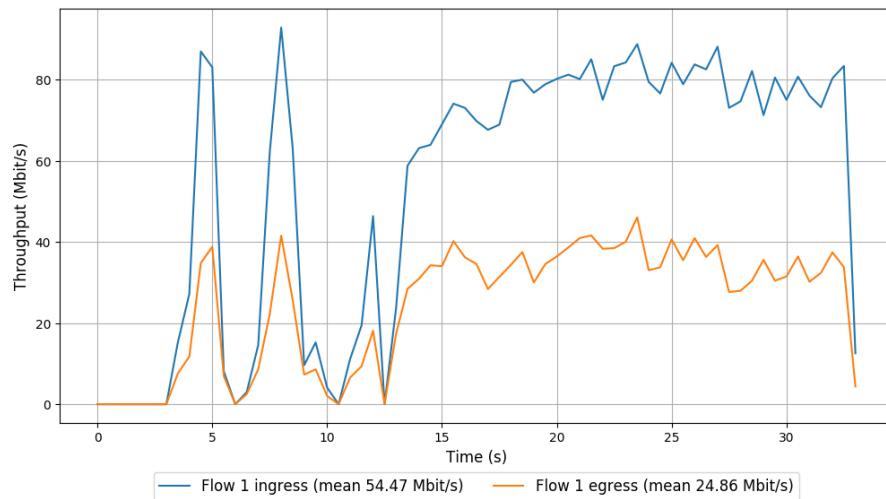


Run 8: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:22:51 +0000
End at: Tue, 20 Jun 2017 02:23:21 +0000
Local clock offset: 2.702 ms
Remote clock offset: -23.041 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 41.866 ms
Loss rate: 54.41%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 41.866 ms
Loss rate: 54.41%
```

Run 8: Report of Verus — Data Link

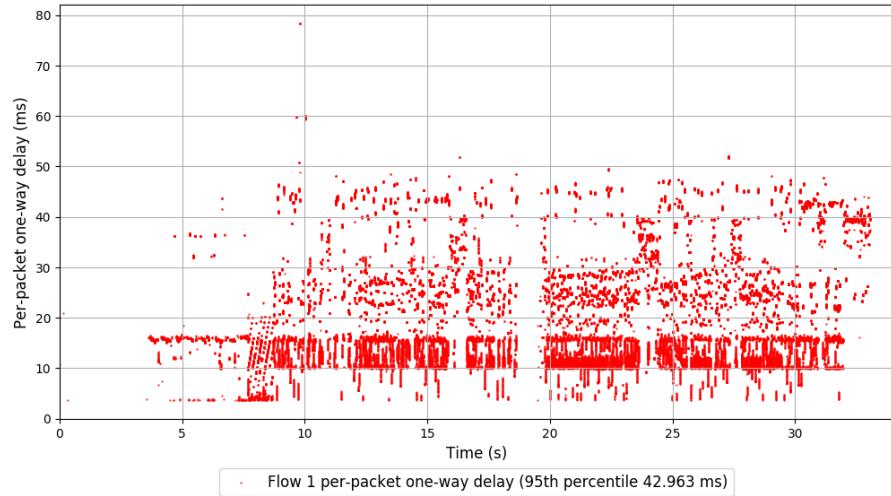
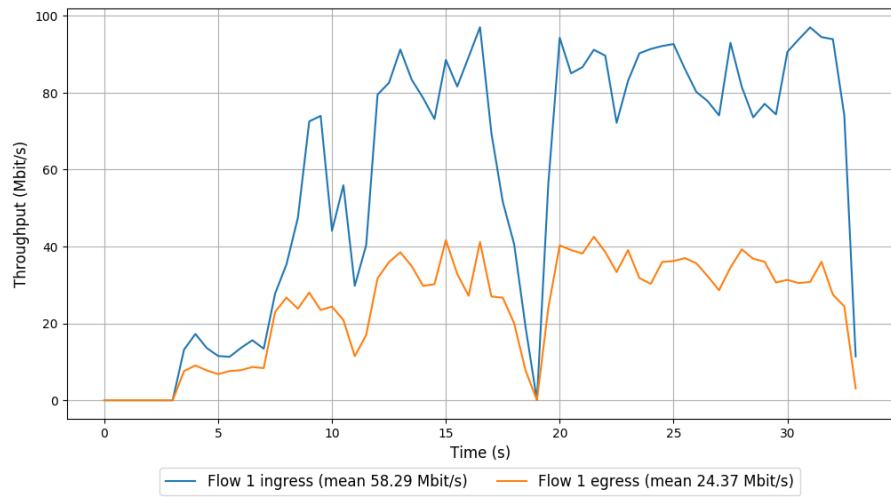


Run 9: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:40:58 +0000
End at: Tue, 20 Jun 2017 02:41:28 +0000
Local clock offset: 1.694 ms
Remote clock offset: -23.042 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 42.963 ms
Loss rate: 58.25%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 42.963 ms
Loss rate: 58.25%
```

Run 9: Report of Verus — Data Link

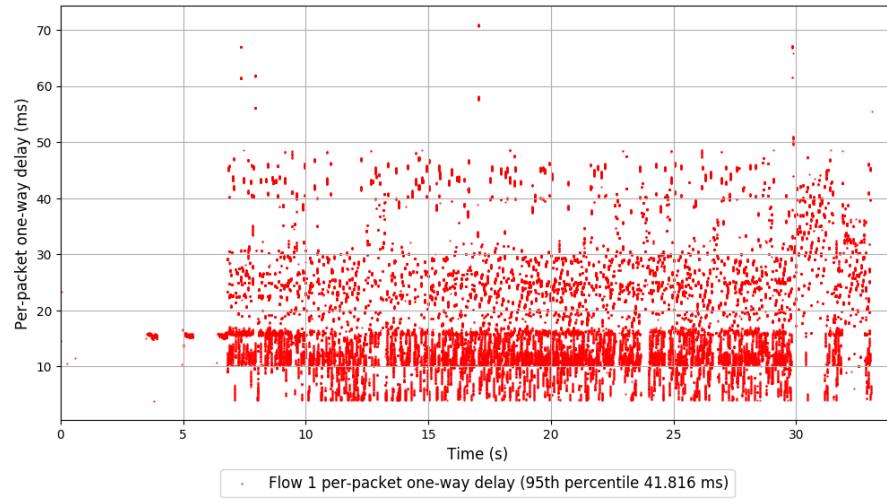
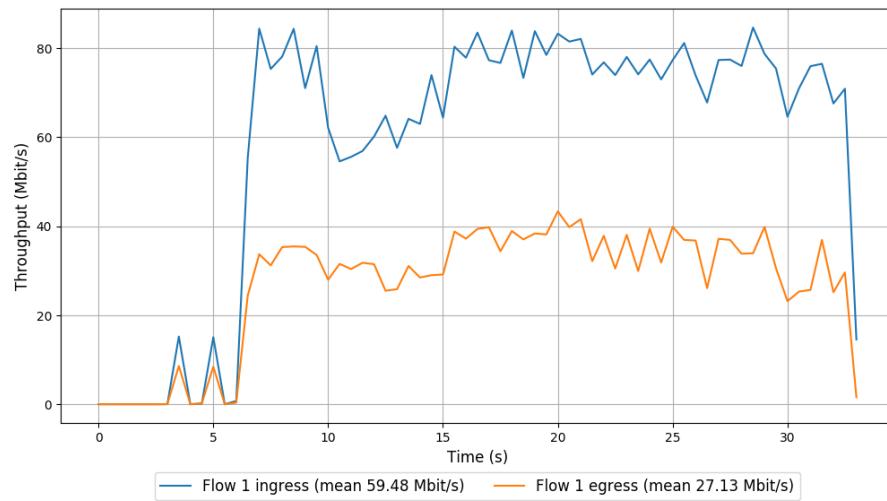


Run 10: Statistics of Verus

```
Start at: Tue, 20 Jun 2017 02:59:12 +0000
End at: Tue, 20 Jun 2017 02:59:42 +0000
Local clock offset: -6.102 ms
Remote clock offset: -22.078 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 41.816 ms
Loss rate: 54.43%
-- Flow 1:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 41.816 ms
Loss rate: 54.43%
```

Run 10: Report of Verus — Data Link

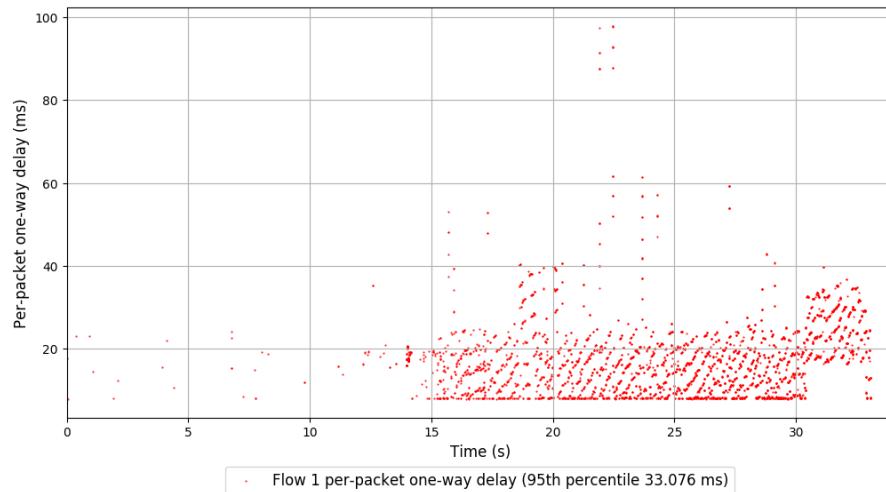
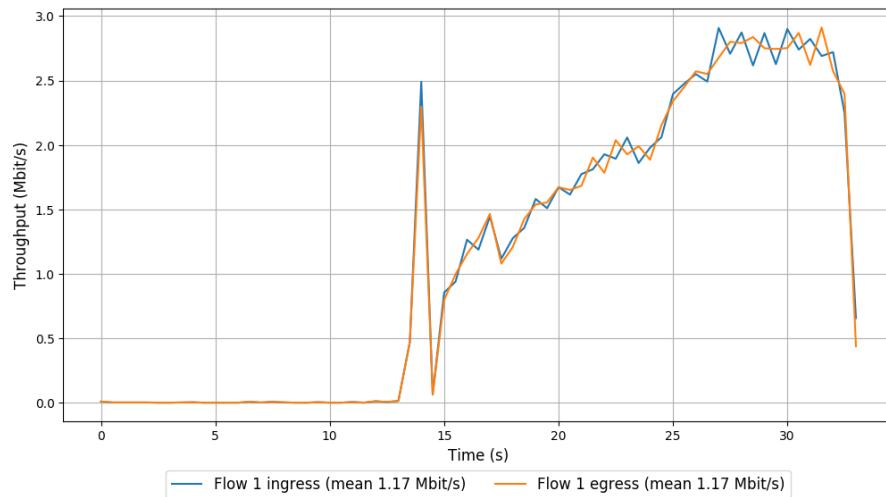


```
Run 1: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 00:13:57 +0000
End at: Tue, 20 Jun 2017 00:14:27 +0000
Local clock offset: 5.881 ms
Remote clock offset: -18.244 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 33.076 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 33.076 ms
Loss rate: 0.53%
```

Run 1: Report of WebRTC media — Data Link

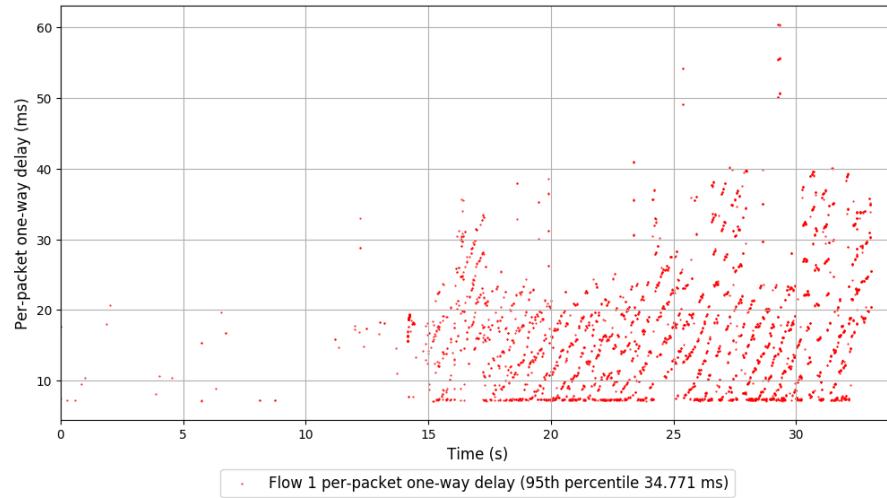
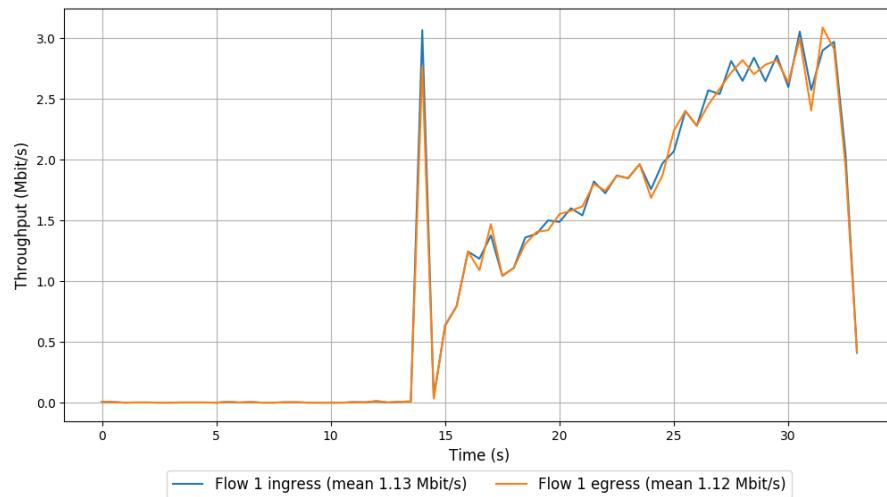


Run 2: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 00:31:55 +0000
End at: Tue, 20 Jun 2017 00:32:25 +0000
Local clock offset: 2.753 ms
Remote clock offset: -18.967 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 34.771 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 34.771 ms
Loss rate: 0.67%
```

Run 2: Report of WebRTC media — Data Link

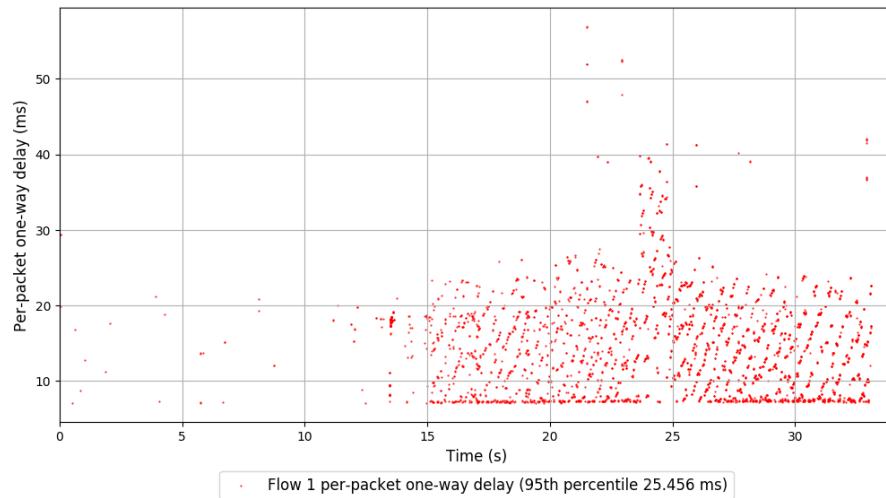
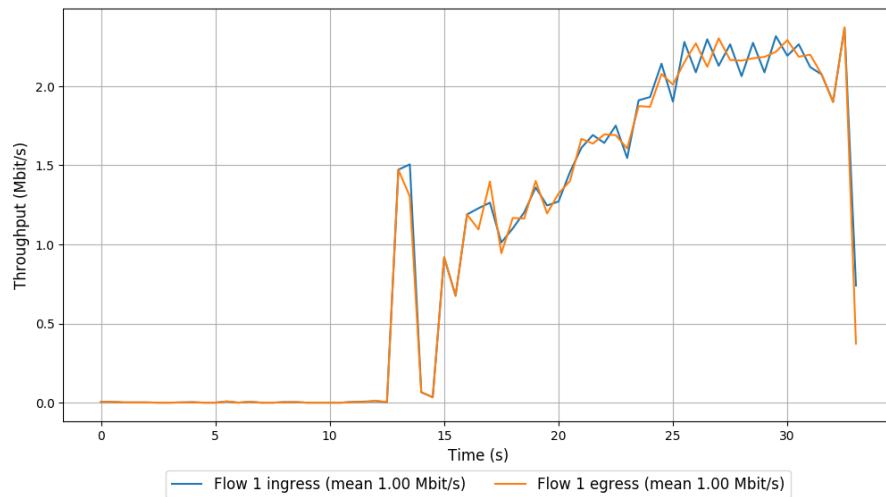


```
Run 3: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 00:49:51 +0000
End at: Tue, 20 Jun 2017 00:50:21 +0000
Local clock offset: 6.544 ms
Remote clock offset: -20.464 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 25.456 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 25.456 ms
Loss rate: 0.86%
```

Run 3: Report of WebRTC media — Data Link

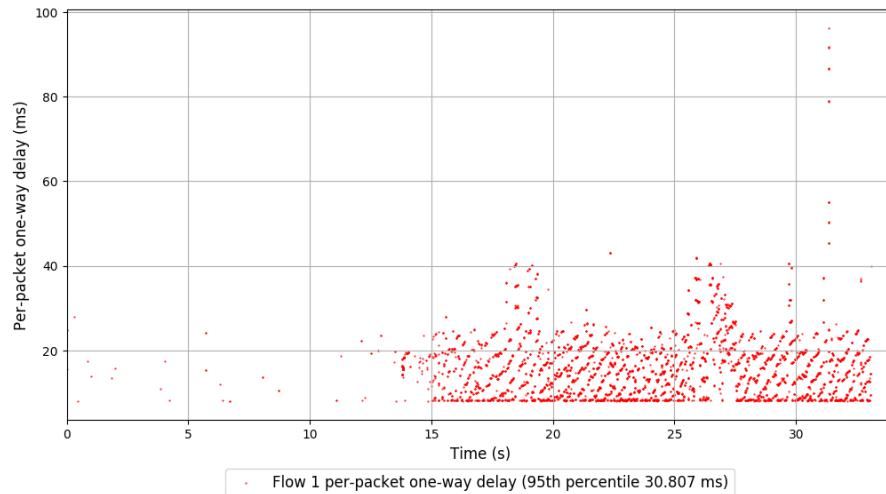
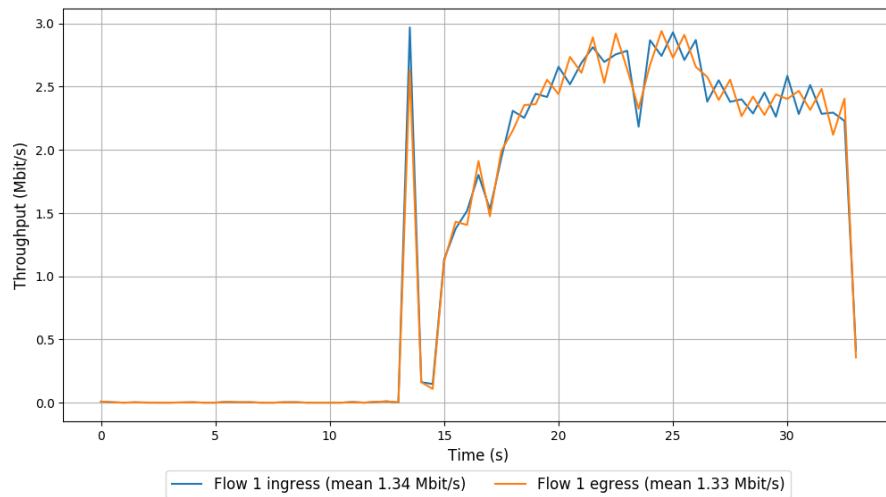


Run 4: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 01:07:37 +0000
End at: Tue, 20 Jun 2017 01:08:07 +0000
Local clock offset: -0.178 ms
Remote clock offset: -19.428 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 30.807 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 30.807 ms
Loss rate: 0.44%
```

Run 4: Report of WebRTC media — Data Link

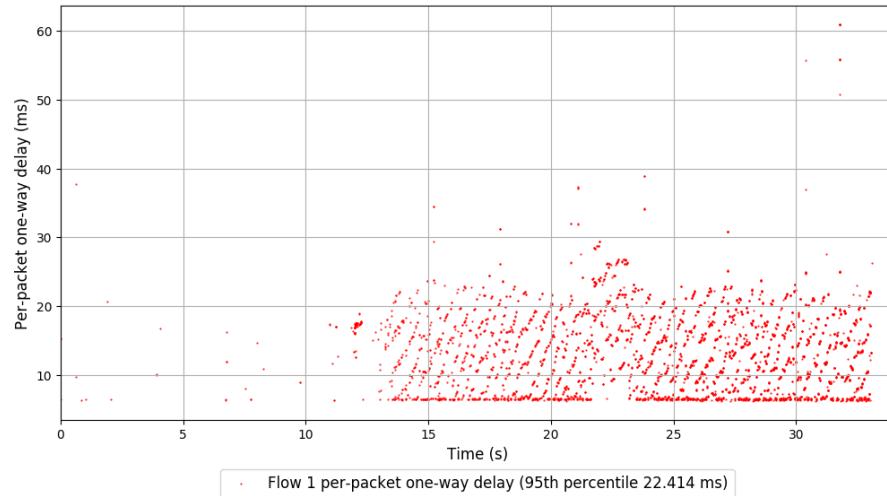
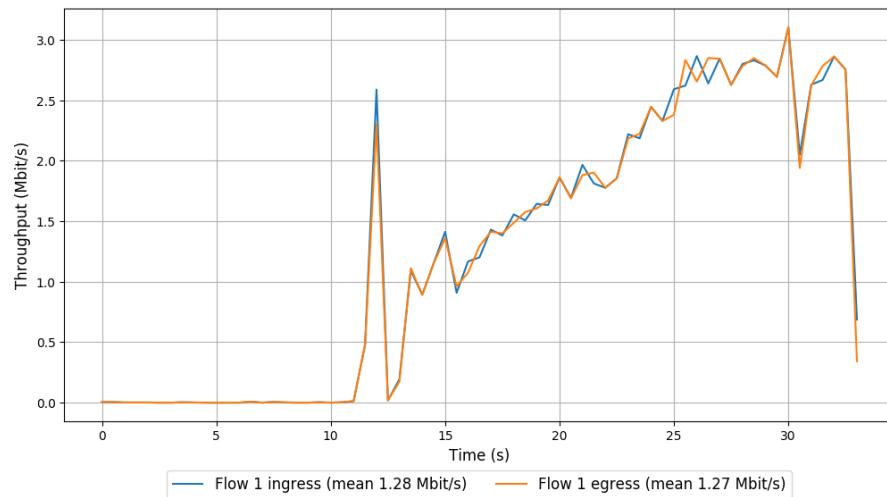


```
Run 5: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 01:25:33 +0000
End at: Tue, 20 Jun 2017 01:26:03 +0000
Local clock offset: 4.974 ms
Remote clock offset: -22.25 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 22.414 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 22.414 ms
Loss rate: 0.75%
```

Run 5: Report of WebRTC media — Data Link

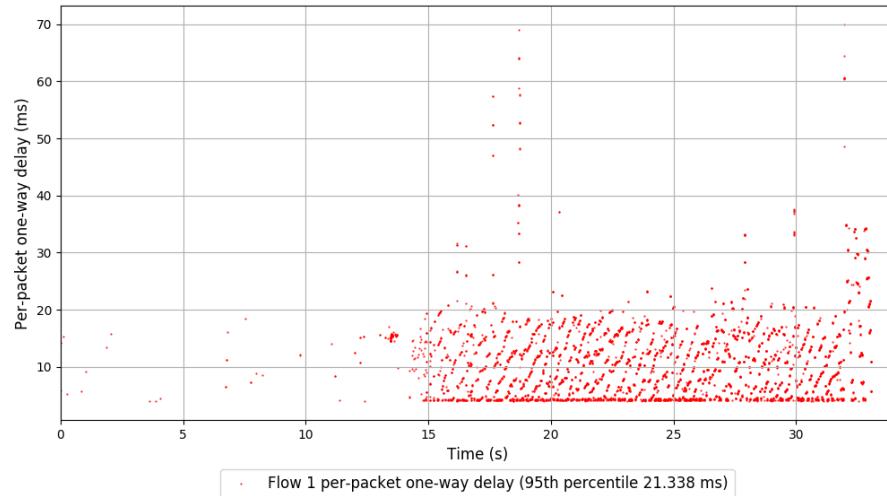
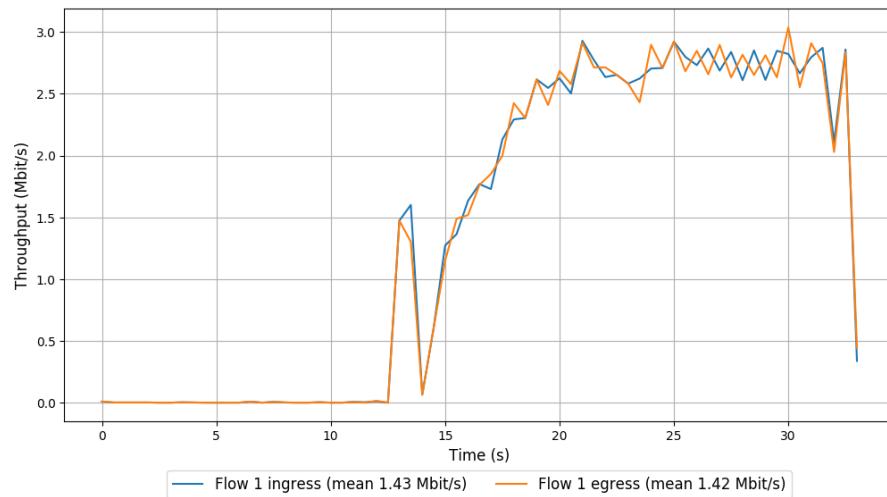


Run 6: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 01:43:26 +0000
End at: Tue, 20 Jun 2017 01:43:56 +0000
Local clock offset: 1.109 ms
Remote clock offset: -22.064 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 21.338 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 21.338 ms
Loss rate: 0.44%
```

Run 6: Report of WebRTC media — Data Link

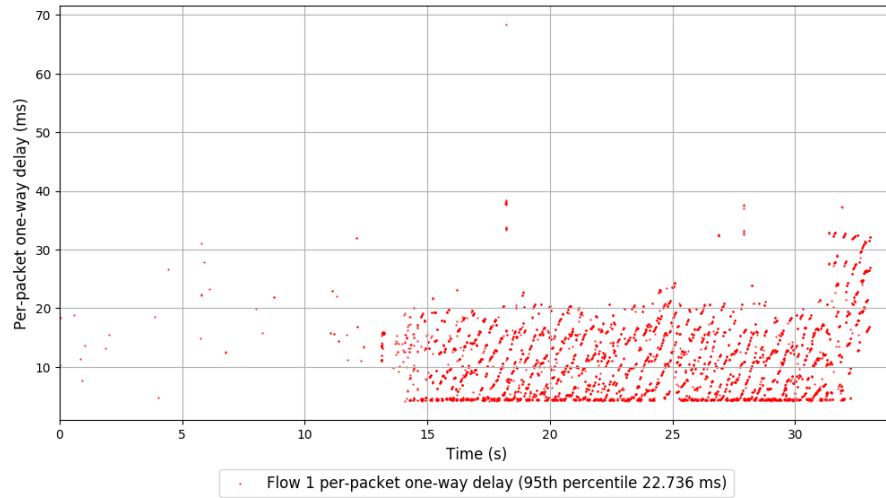
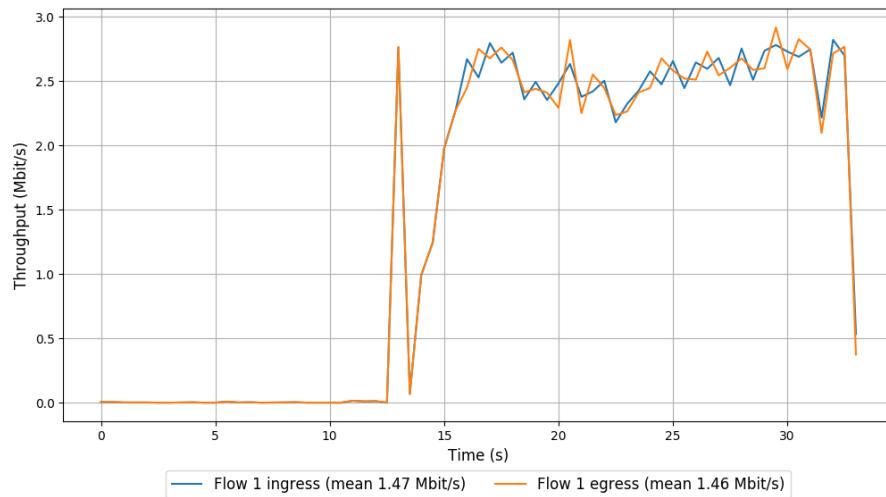


Run 7: Statistics of WebRTC media

```
Start at: Tue, 20 Jun 2017 02:01:28 +0000
End at: Tue, 20 Jun 2017 02:01:58 +0000
Local clock offset: 4.699 ms
Remote clock offset: -21.233 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 22.736 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 22.736 ms
Loss rate: 0.33%
```

Run 7: Report of WebRTC media — Data Link

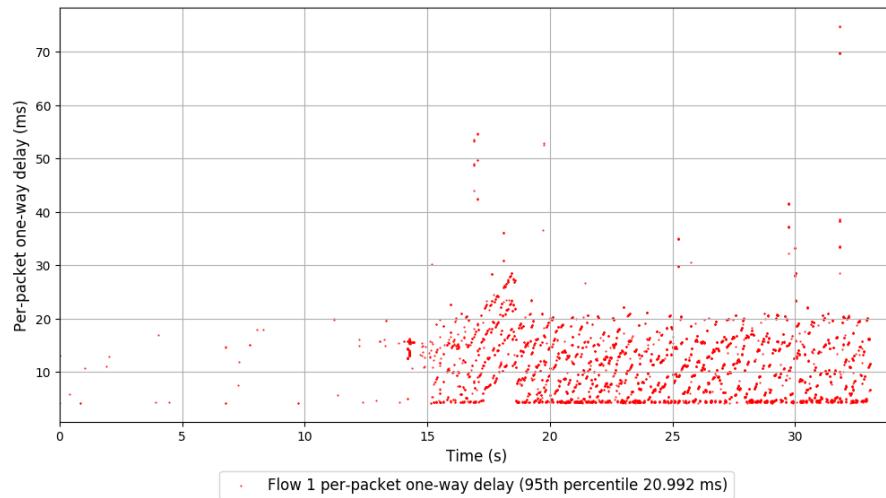
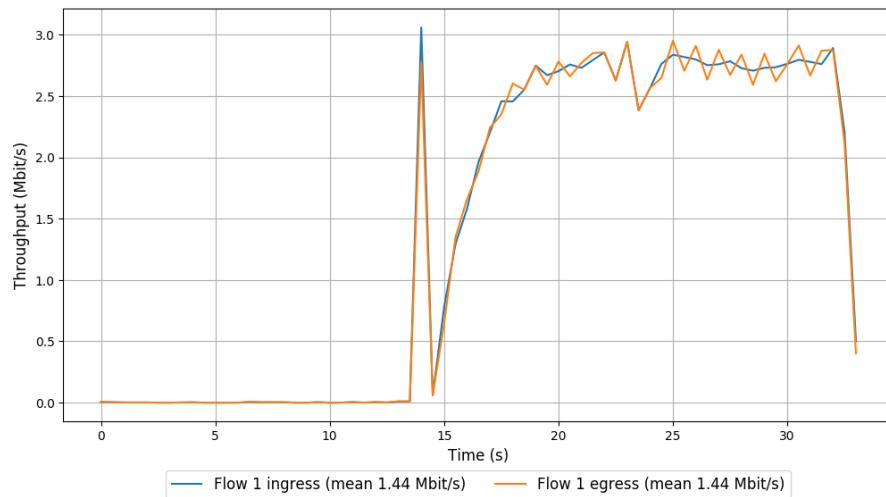


```
Run 8: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 02:19:18 +0000
End at: Tue, 20 Jun 2017 02:19:48 +0000
Local clock offset: 4.081 ms
Remote clock offset: -23.223 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 20.992 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 20.992 ms
Loss rate: 0.52%
```

Run 8: Report of WebRTC media — Data Link

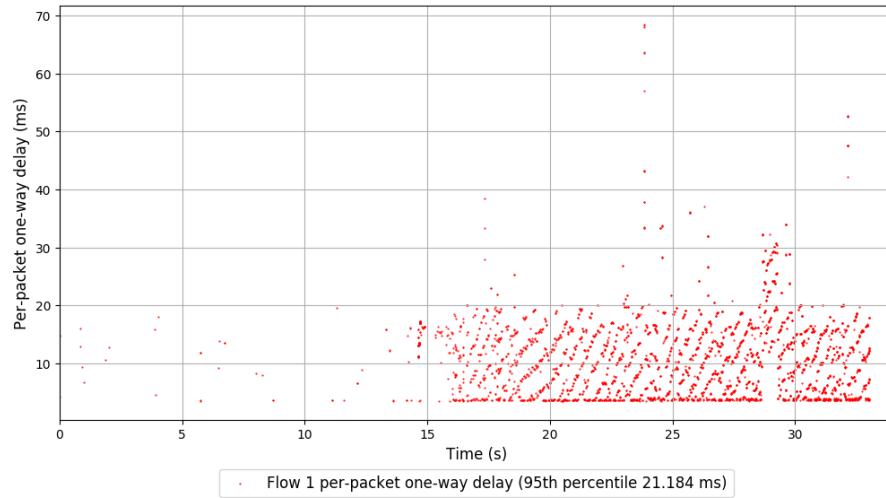
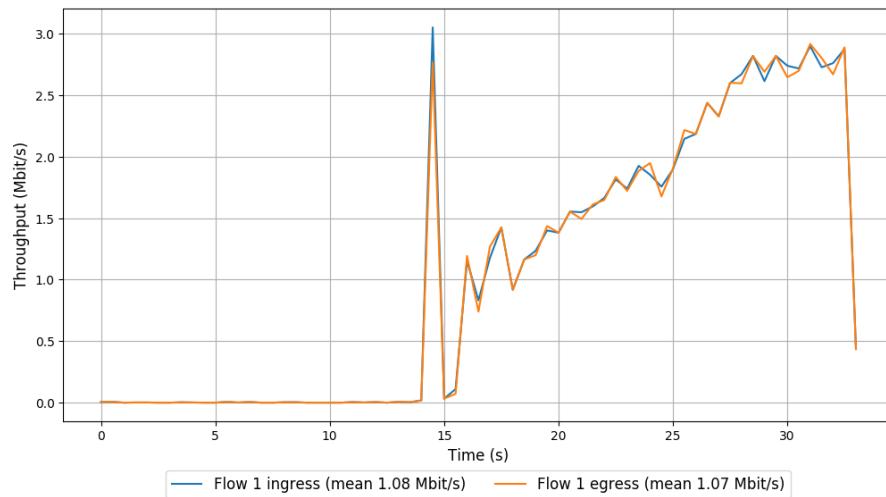


```
Run 9: Statistics of WebRTC media

Start at: Tue, 20 Jun 2017 02:37:20 +0000
End at: Tue, 20 Jun 2017 02:37:50 +0000
Local clock offset: 1.231 ms
Remote clock offset: -20.753 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 21.184 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 21.184 ms
Loss rate: 0.54%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: Tue, 20 Jun 2017 02:55:37 +0000
```

```
End at: Tue, 20 Jun 2017 02:56:07 +0000
```

```
Local clock offset: 0.285 ms
```

```
Remote clock offset: -21.087 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 1.43 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.525 ms
```

```
Loss rate: 0.60%
```

```
-- Flow 1:
```

```
Average throughput: 1.43 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.525 ms
```

```
Loss rate: 0.60%
```

Run 10: Report of WebRTC media — Data Link

