

Pantheon Summary (Generated at Fri, 16 Jun 2017 07:33:09 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

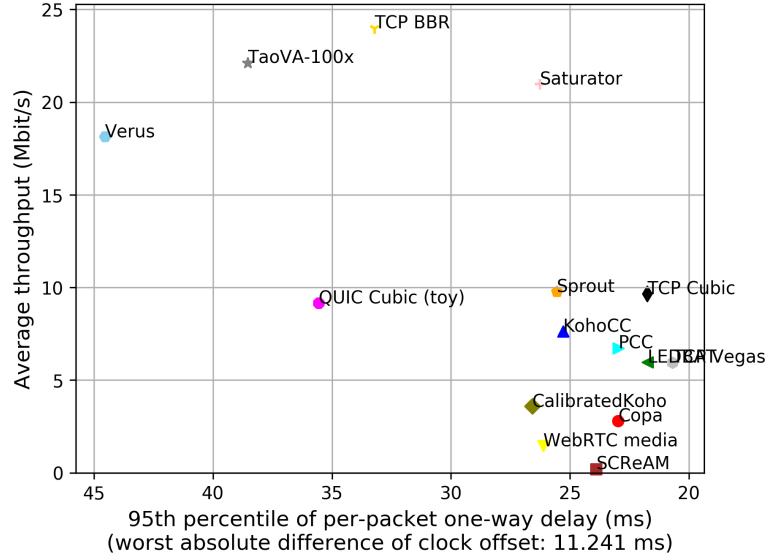
Each test lasted for 30 seconds running 1 flow.

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

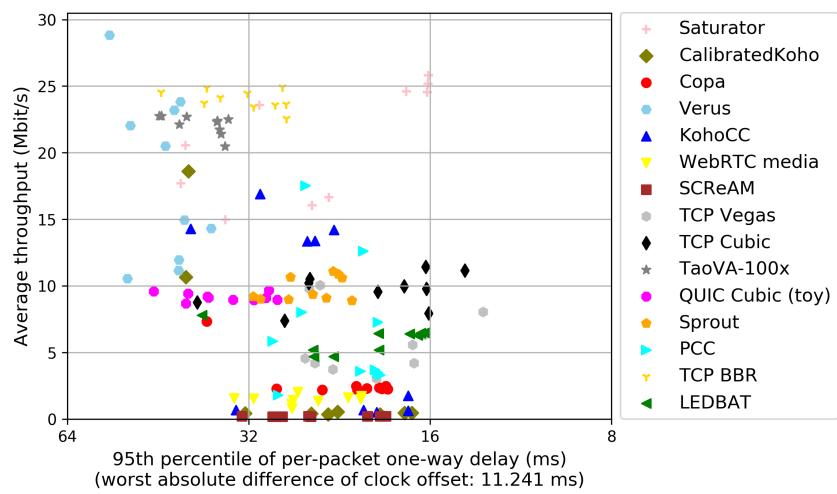
NTP offset measured against nets.org.sg.

```
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
```

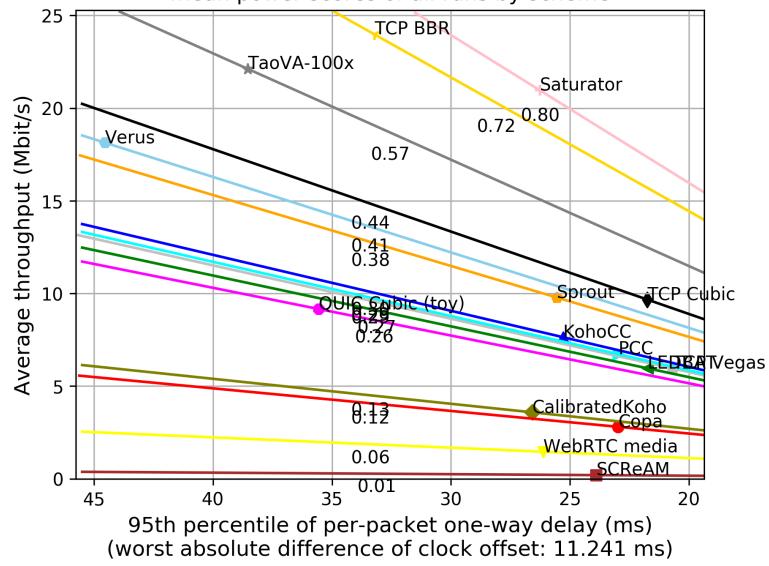
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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

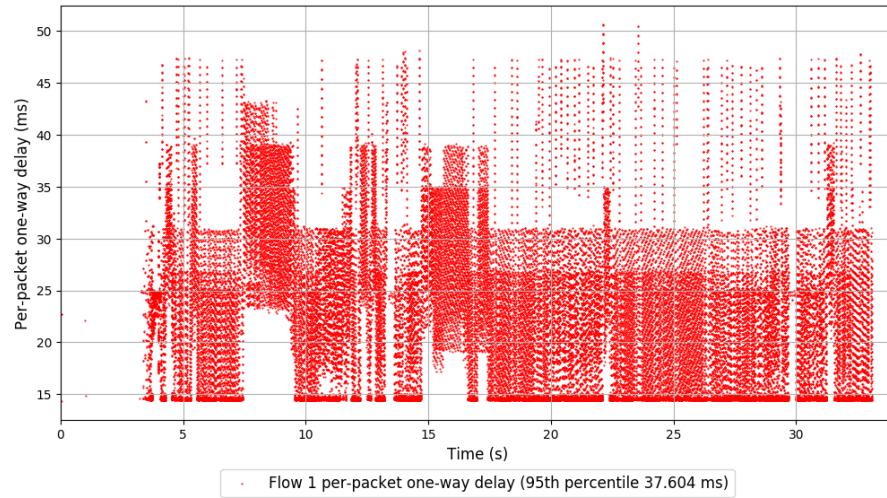
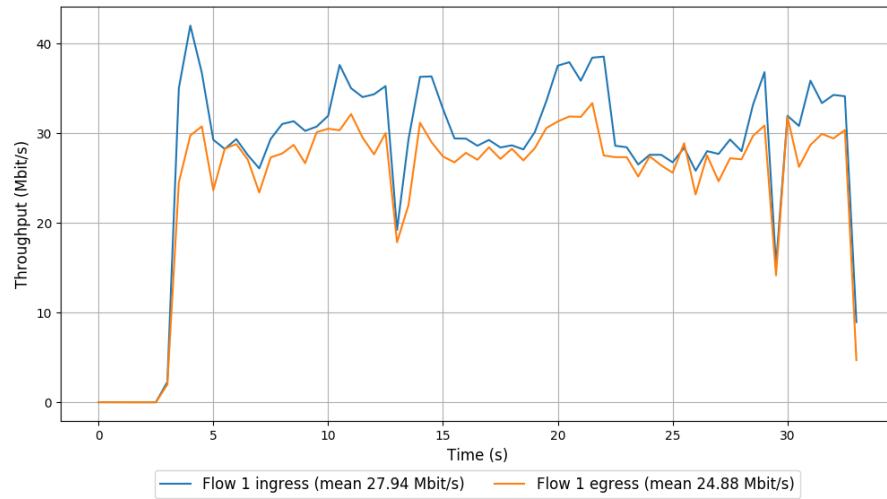


Run 1: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:34:03 +0000
End at: Fri, 16 Jun 2017 02:34:33 +0000
Local clock offset: -0.052 ms
Remote clock offset: -1.502 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 37.604 ms
Loss rate: 11.09%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 37.604 ms
Loss rate: 11.09%
```

Run 1: Report of TCP BBR — Data Link

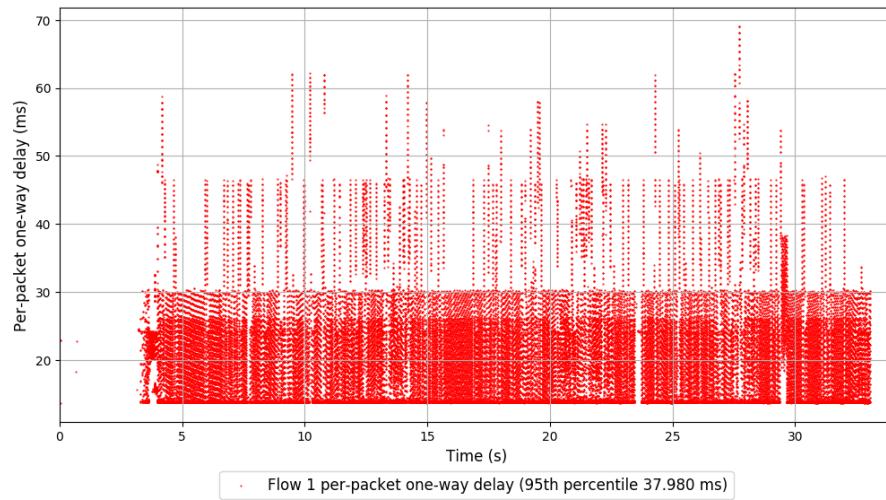
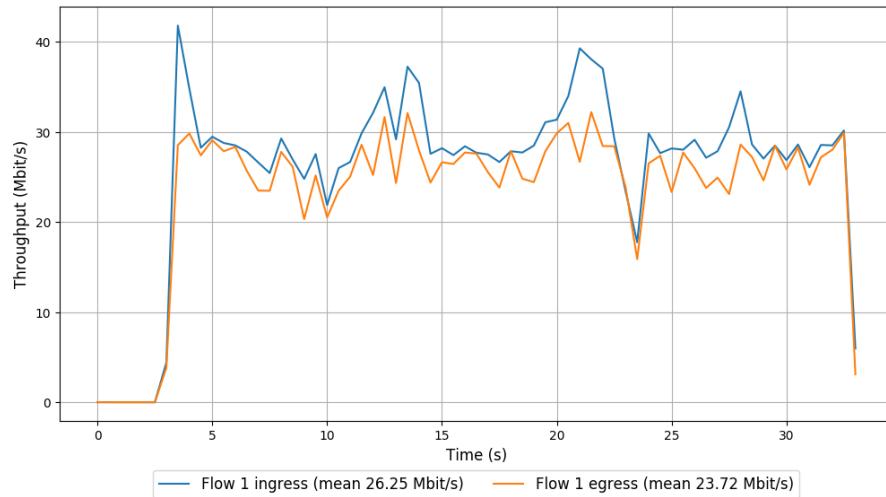


Run 2: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:52:25 +0000
End at: Fri, 16 Jun 2017 02:52:55 +0000
Local clock offset: 2.385 ms
Remote clock offset: -1.701 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 37.980 ms
Loss rate: 9.84%
-- Flow 1:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 37.980 ms
Loss rate: 9.84%
```

Run 2: Report of TCP BBR — Data Link

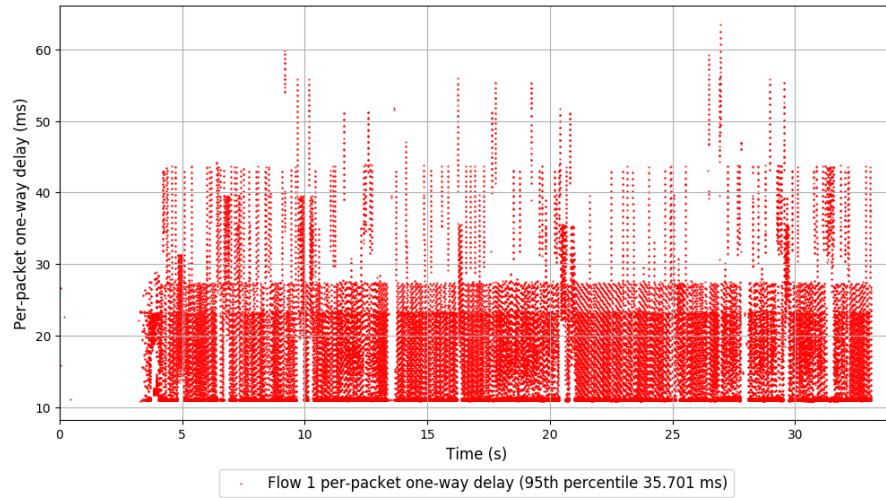
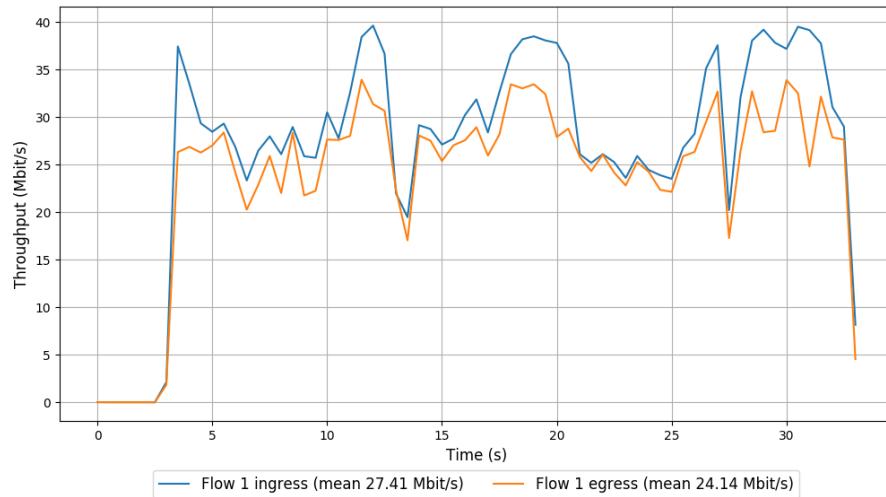


Run 3: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:10:39 +0000
End at: Fri, 16 Jun 2017 03:11:09 +0000
Local clock offset: -2.436 ms
Remote clock offset: -2.811 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 35.701 ms
Loss rate: 12.15%
-- Flow 1:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 35.701 ms
Loss rate: 12.15%
```

Run 3: Report of TCP BBR — Data Link

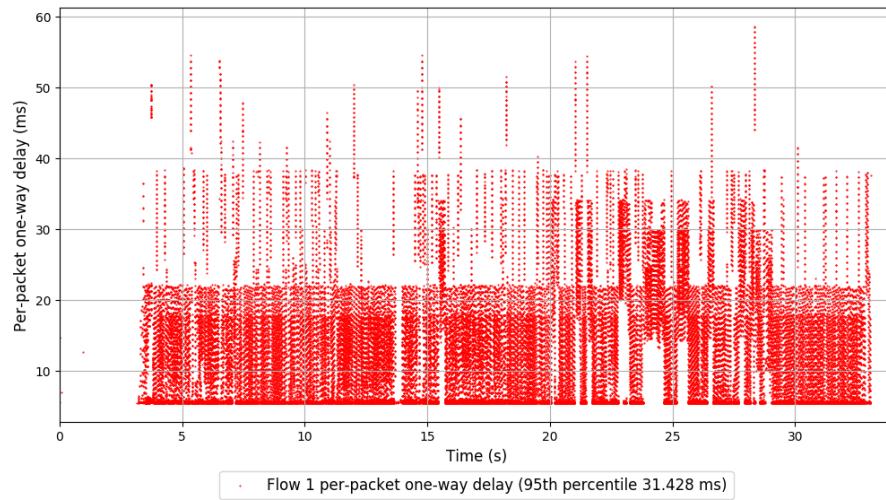
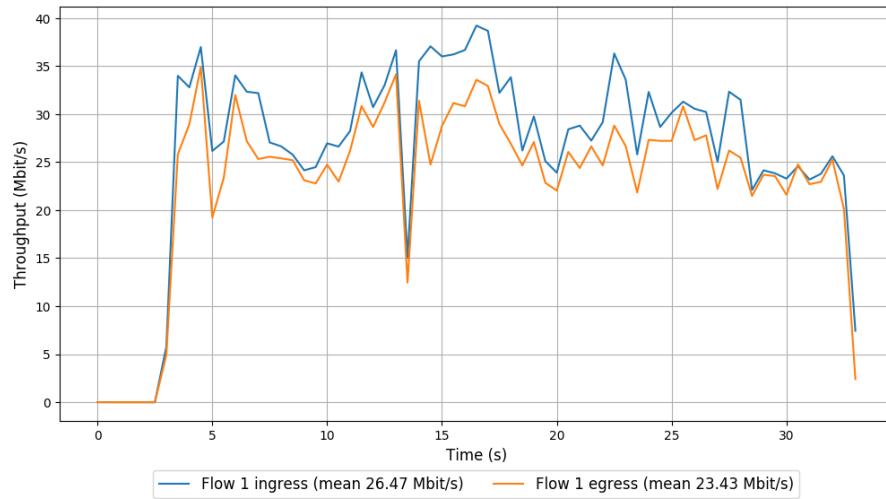


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:29:29 +0000
End at: Fri, 16 Jun 2017 03:29:59 +0000
Local clock offset: -0.726 ms
Remote clock offset: -2.859 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 11.65%
-- Flow 1:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 11.65%
```

Run 4: Report of TCP BBR — Data Link

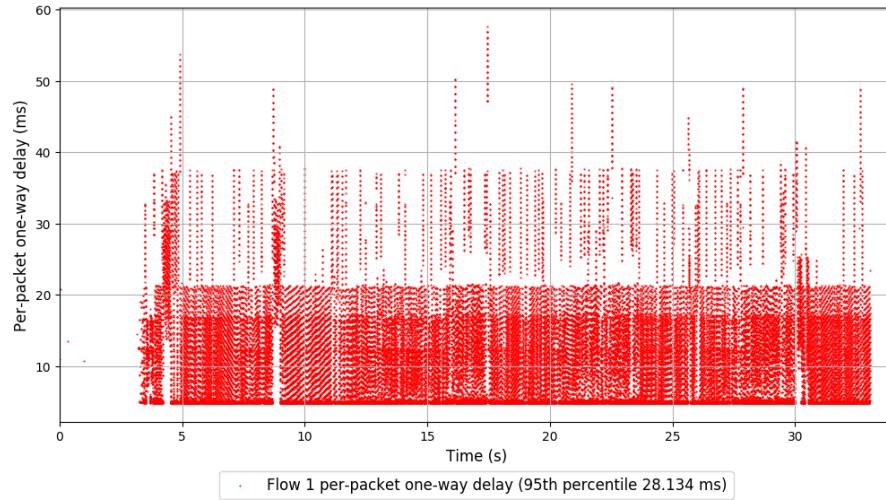
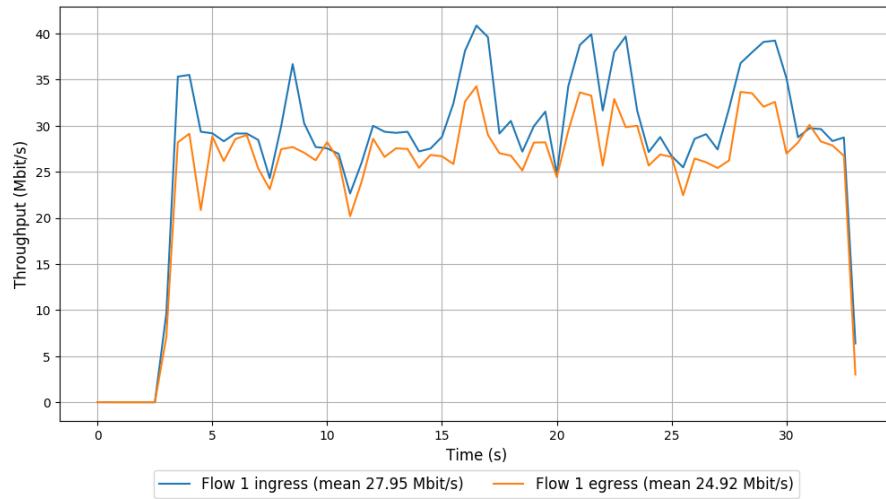


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:47:37 +0000
End at: Fri, 16 Jun 2017 03:48:07 +0000
Local clock offset: 2.781 ms
Remote clock offset: -4.39 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 28.134 ms
Loss rate: 10.97%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 28.134 ms
Loss rate: 10.97%
```

Run 5: Report of TCP BBR — Data Link

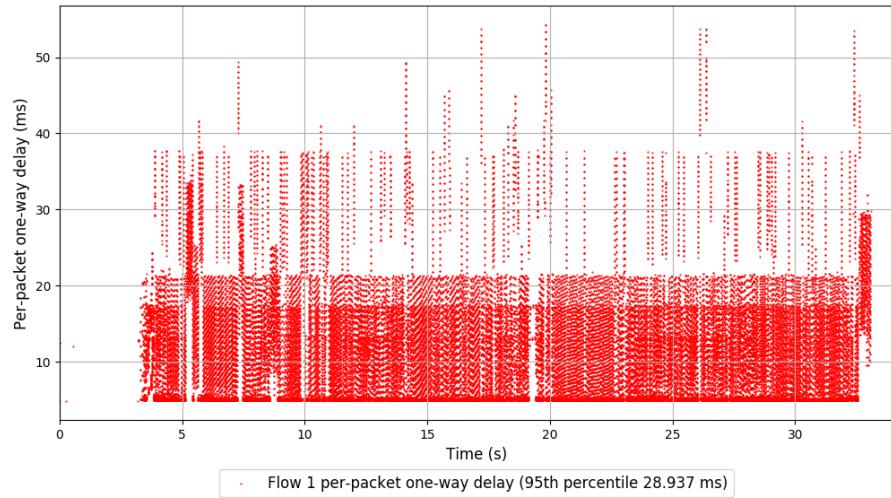
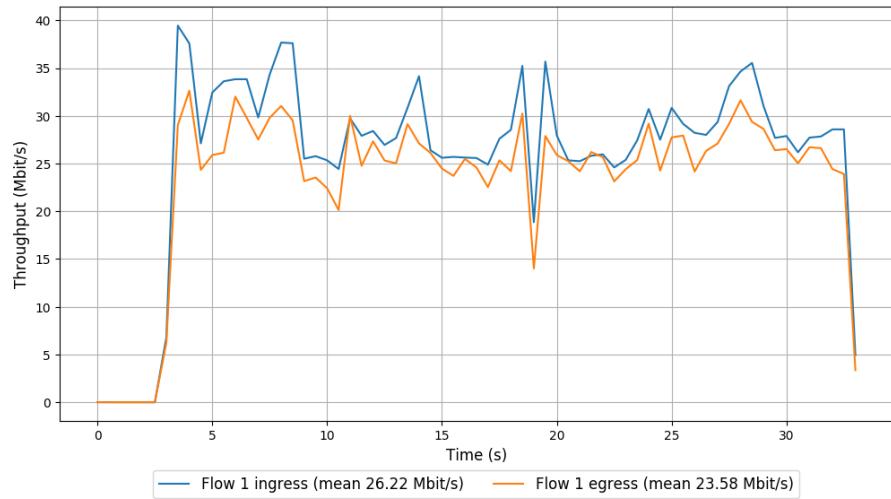


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:05:59 +0000
End at: Fri, 16 Jun 2017 04:06:29 +0000
Local clock offset: 3.624 ms
Remote clock offset: -4.621 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 28.937 ms
Loss rate: 10.18%
-- Flow 1:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 28.937 ms
Loss rate: 10.18%
```

Run 6: Report of TCP BBR — Data Link

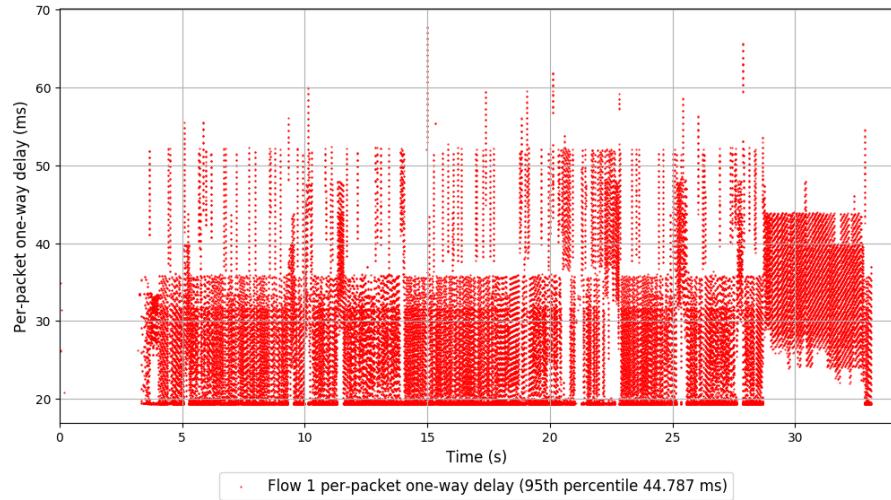
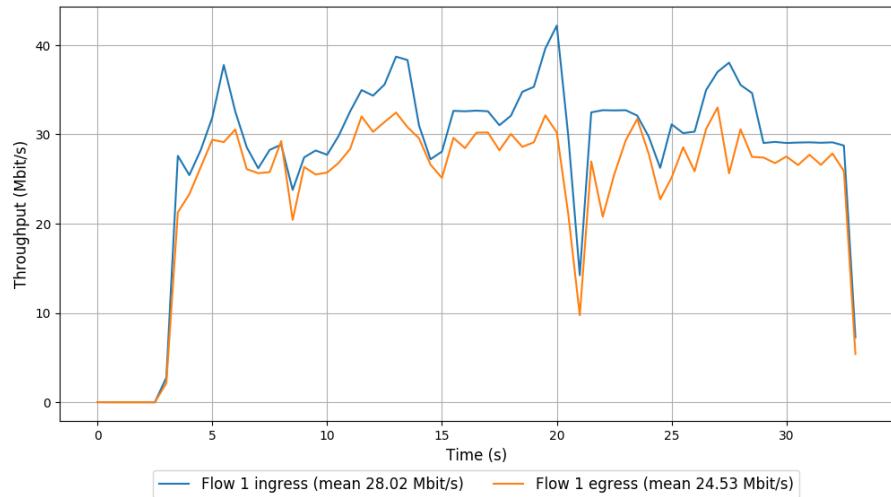


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:24:21 +0000
End at: Fri, 16 Jun 2017 04:24:51 +0000
Local clock offset: 3.335 ms
Remote clock offset: -4.624 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 44.787 ms
Loss rate: 12.61%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 44.787 ms
Loss rate: 12.61%
```

Run 7: Report of TCP BBR — Data Link

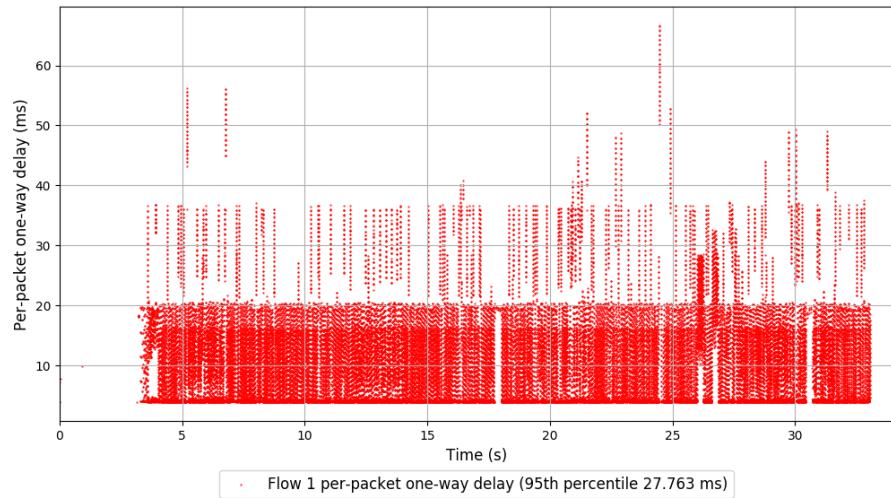
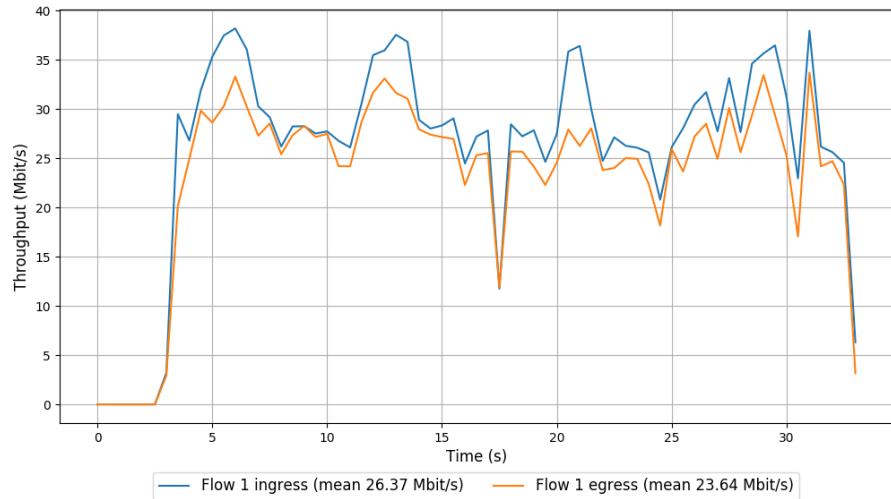


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:42:41 +0000
End at: Fri, 16 Jun 2017 04:43:11 +0000
Local clock offset: 3.544 ms
Remote clock offset: -4.342 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 27.763 ms
Loss rate: 10.49%
-- Flow 1:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 27.763 ms
Loss rate: 10.49%
```

Run 8: Report of TCP BBR — Data Link

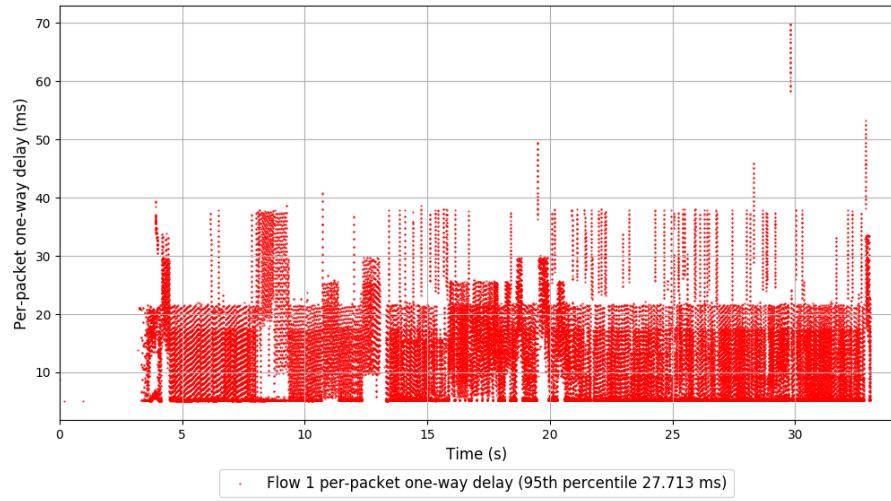
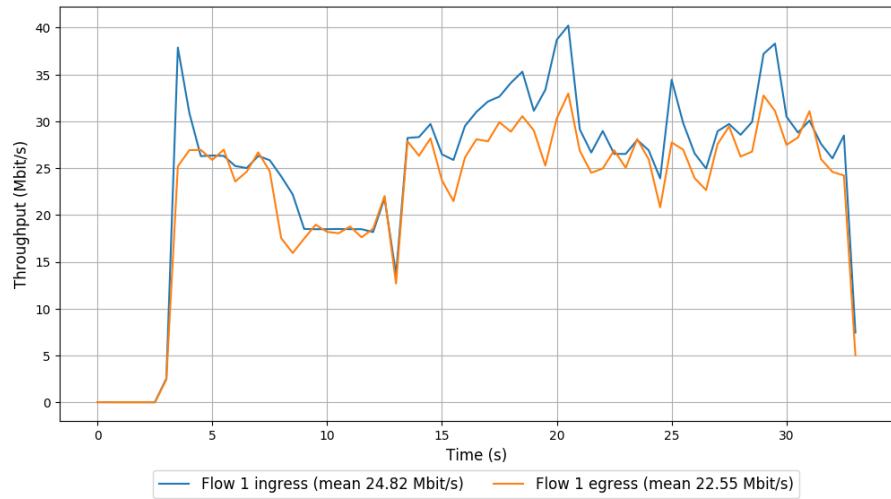


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:01:38 +0000
End at: Fri, 16 Jun 2017 05:02:08 +0000
Local clock offset: 0.681 ms
Remote clock offset: -3.977 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 27.713 ms
Loss rate: 9.31%
-- Flow 1:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 27.713 ms
Loss rate: 9.31%
```

Run 9: Report of TCP BBR — Data Link

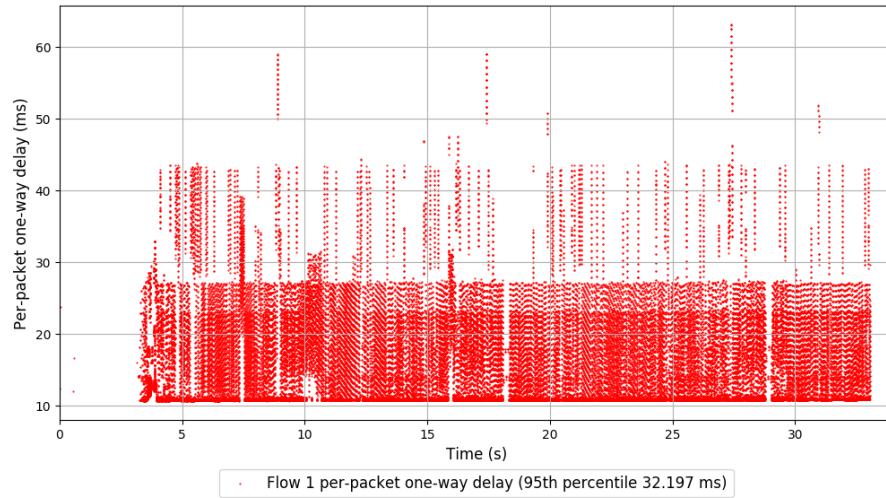
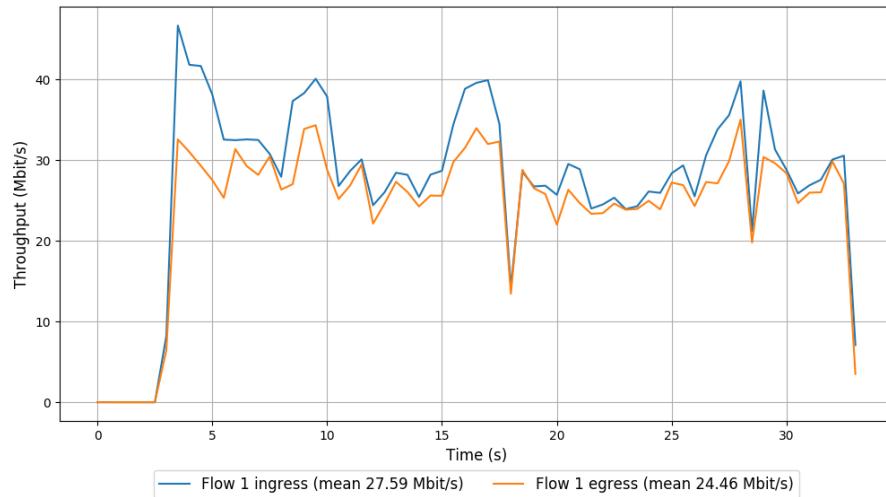


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 05:20:16 +0000
End at: Fri, 16 Jun 2017 05:20:46 +0000
Local clock offset: -1.434 ms
Remote clock offset: -1.082 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 32.197 ms
Loss rate: 11.47%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 32.197 ms
Loss rate: 11.47%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:27:49 +0000
```

```
End at: Fri, 16 Jun 2017 02:28:19 +0000
```

```
Local clock offset: 2.995 ms
```

```
Remote clock offset: -1.867 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:10 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 10.66 Mbit/s
```

```
95th percentile per-packet one-way delay: 40.683 ms
```

```
Loss rate: 2.23%
```

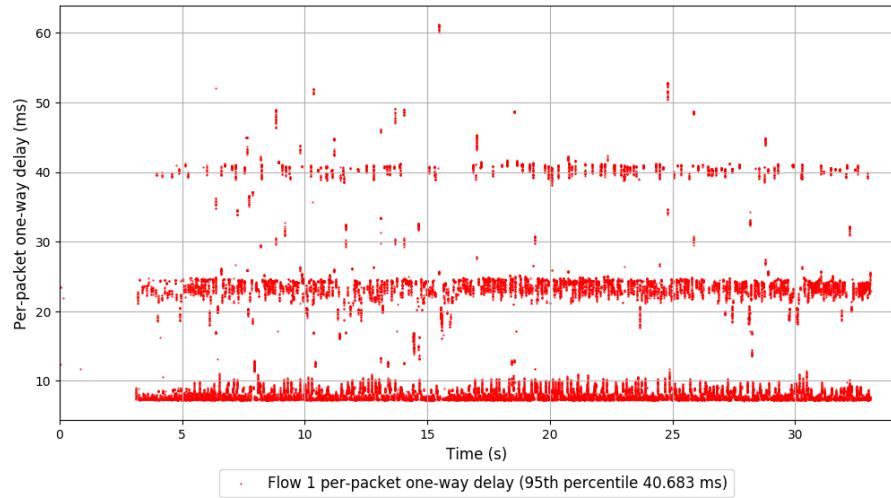
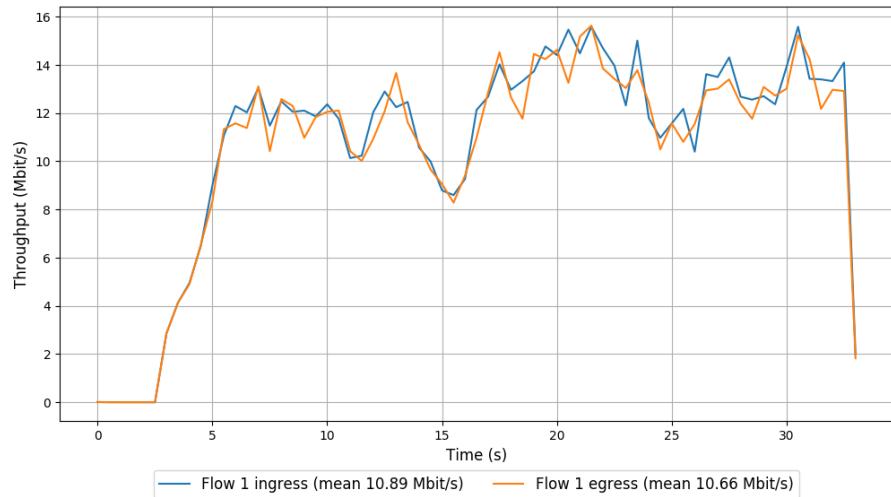
```
-- Flow 1:
```

```
Average throughput: 10.66 Mbit/s
```

```
95th percentile per-packet one-way delay: 40.683 ms
```

```
Loss rate: 2.23%
```

Run 1: Report of CalibratedKoho — Data Link

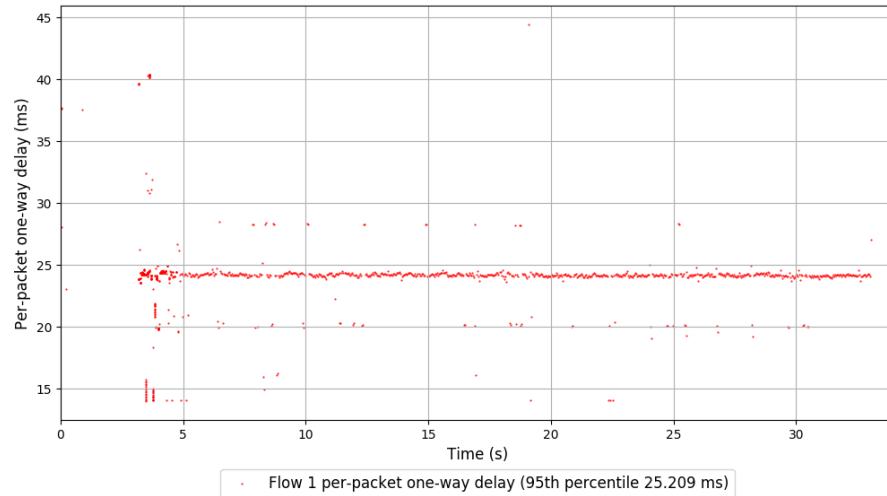
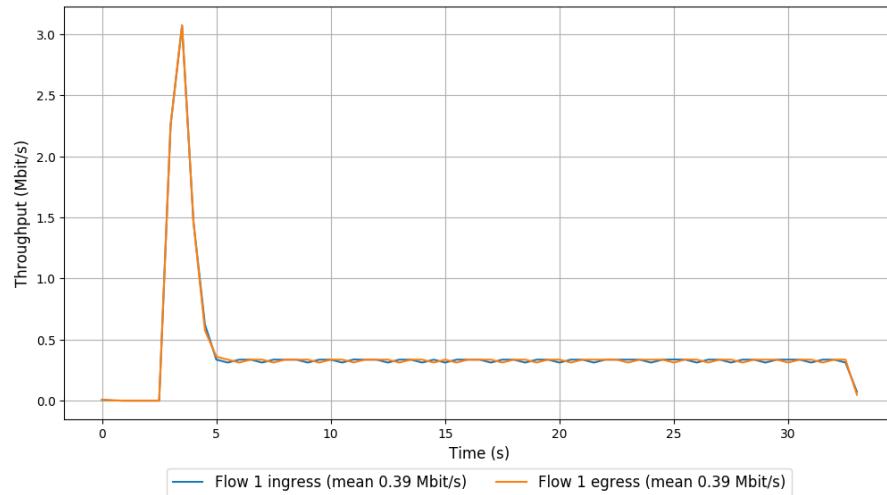


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 02:46:17 +0000
End at: Fri, 16 Jun 2017 02:46:47 +0000
Local clock offset: -3.981 ms
Remote clock offset: -0.639 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 25.209 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 25.209 ms
Loss rate: 0.09%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 03:04:26 +0000
```

```
End at: Fri, 16 Jun 2017 03:04:56 +0000
```

```
Local clock offset: 2.642 ms
```

```
Remote clock offset: -1.921 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.617 ms
```

```
Loss rate: 0.22%
```

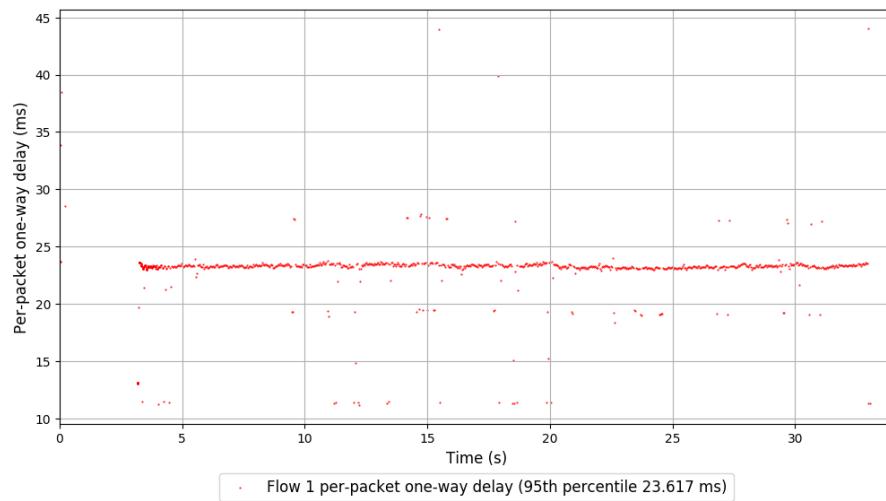
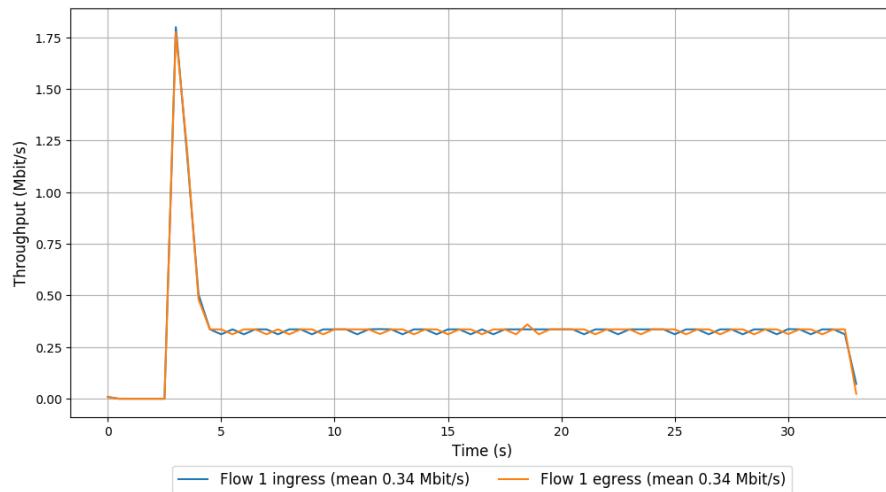
```
-- Flow 1:
```

```
Average throughput: 0.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.617 ms
```

```
Loss rate: 0.22%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 03:23:05 +0000
```

```
End at: Fri, 16 Jun 2017 03:23:35 +0000
```

```
Local clock offset: 5.058 ms
```

```
Remote clock offset: -2.917 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:39 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 18.61 Mbit/s
```

```
95th percentile per-packet one-way delay: 40.290 ms
```

```
Loss rate: 17.70%
```

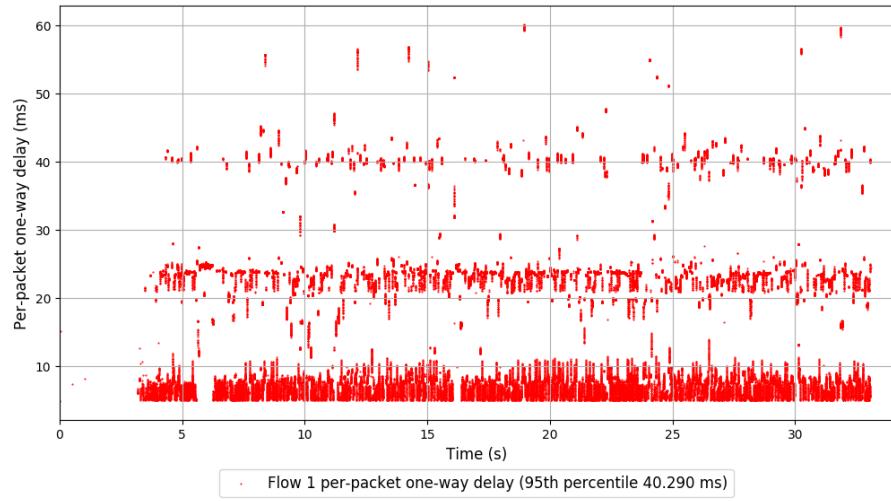
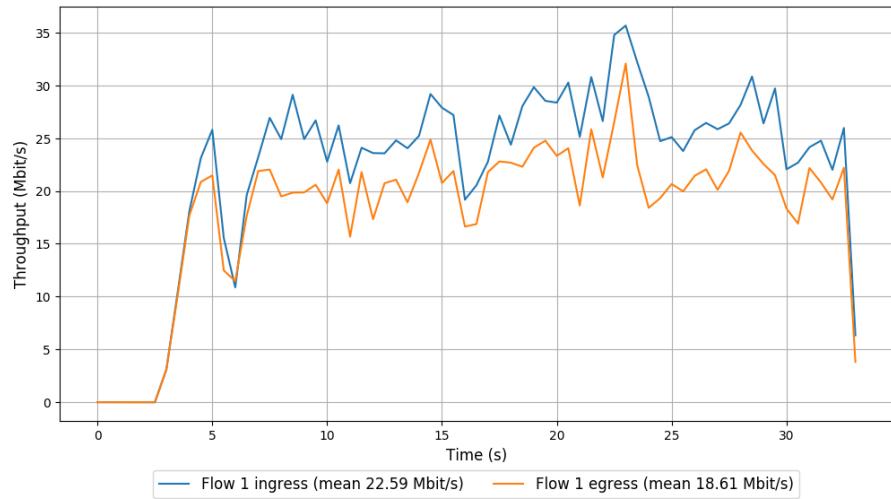
```
-- Flow 1:
```

```
Average throughput: 18.61 Mbit/s
```

```
95th percentile per-packet one-way delay: 40.290 ms
```

```
Loss rate: 17.70%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 03:41:35 +0000
```

```
End at: Fri, 16 Jun 2017 03:42:06 +0000
```

```
Local clock offset: 5.289 ms
```

```
Remote clock offset: -4.208 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:39 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.46 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.640 ms
```

```
Loss rate: 0.16%
```

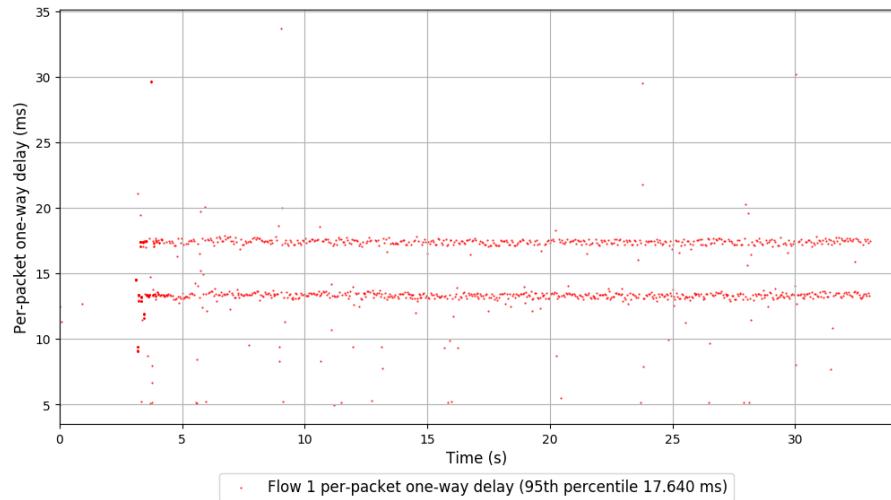
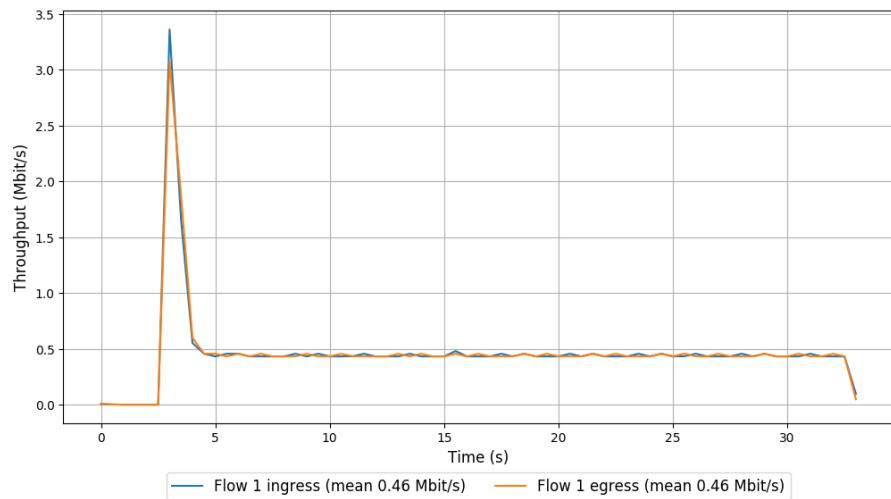
```
-- Flow 1:
```

```
Average throughput: 0.46 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.640 ms
```

```
Loss rate: 0.16%
```

Run 5: Report of CalibratedKoho — Data Link

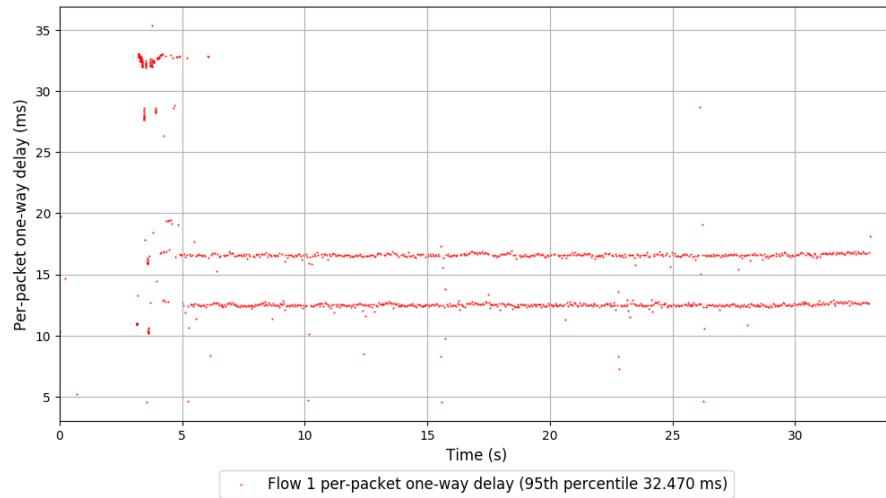
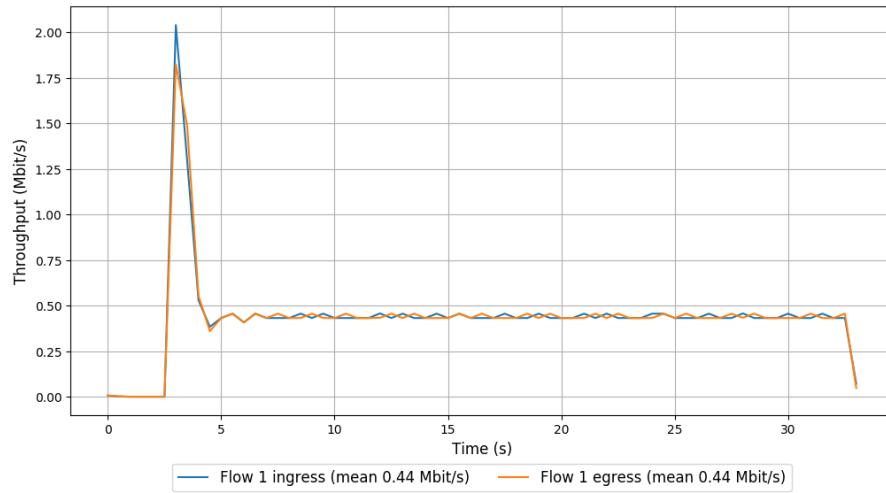


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:59:55 +0000
End at: Fri, 16 Jun 2017 04:00:25 +0000
Local clock offset: 1.275 ms
Remote clock offset: -3.941 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 32.470 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 32.470 ms
Loss rate: 0.08%
```

Run 6: Report of CalibratedKoho — Data Link

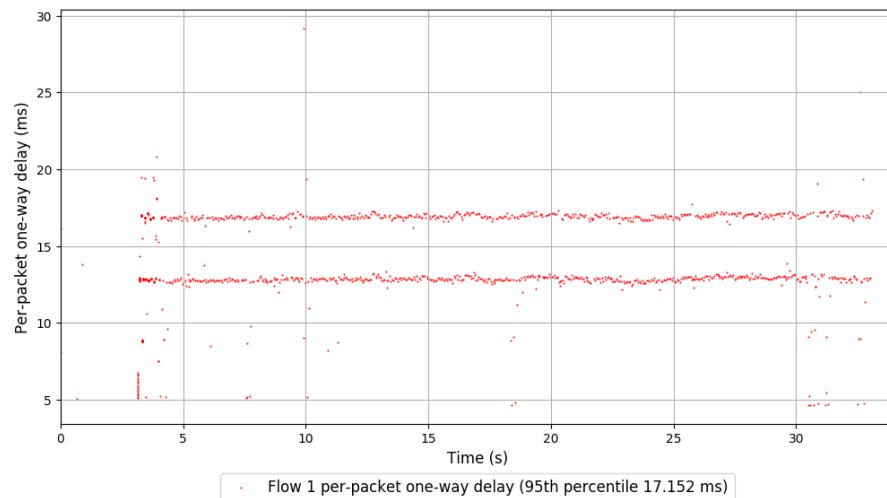
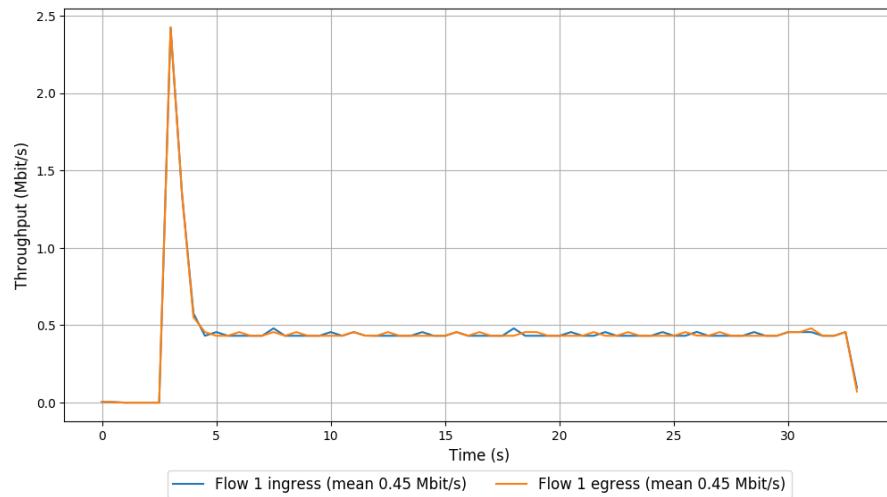


Run 7: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:18:16 +0000
End at: Fri, 16 Jun 2017 04:18:47 +0000
Local clock offset: 3.411 ms
Remote clock offset: -3.924 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 17.152 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 17.152 ms
Loss rate: 0.08%
```

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

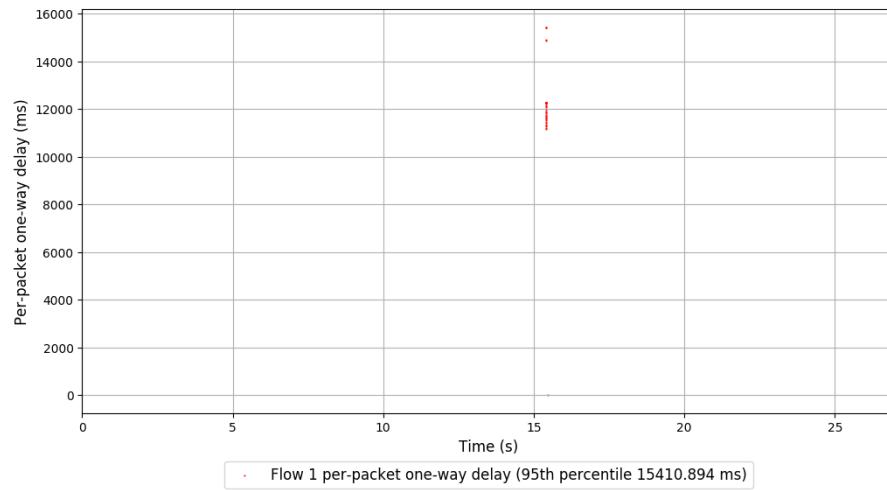
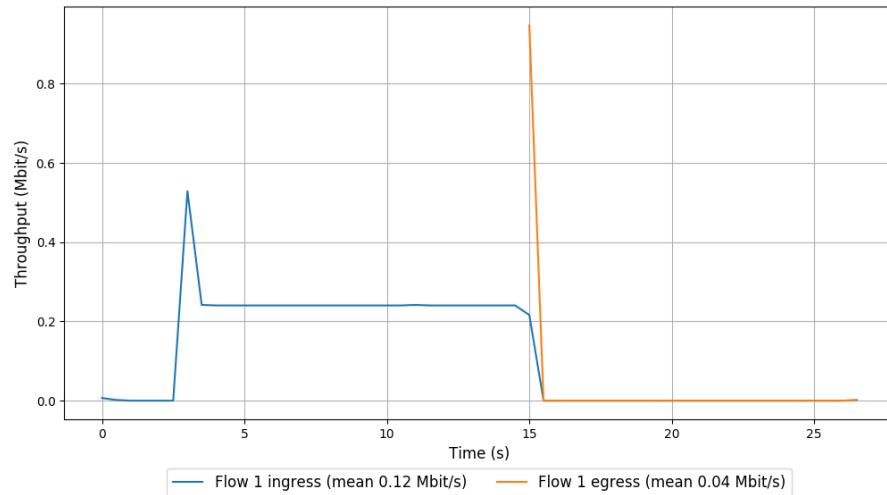
Start at: Fri, 16 Jun 2017 04:36:26 +0000

End at: Fri, 16 Jun 2017 04:36:56 +0000

Local clock offset: 5.76 ms

Remote clock offset: -4.218 ms

Run 8: Report of CalibratedKoho — Data Link

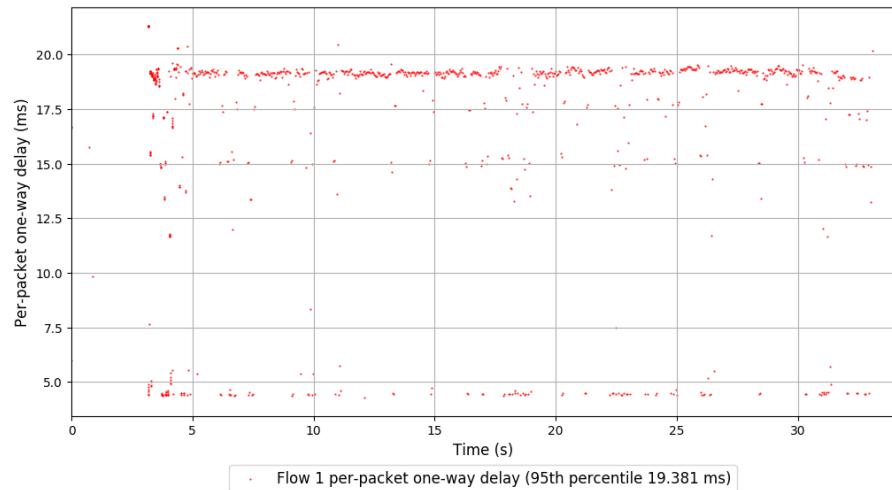
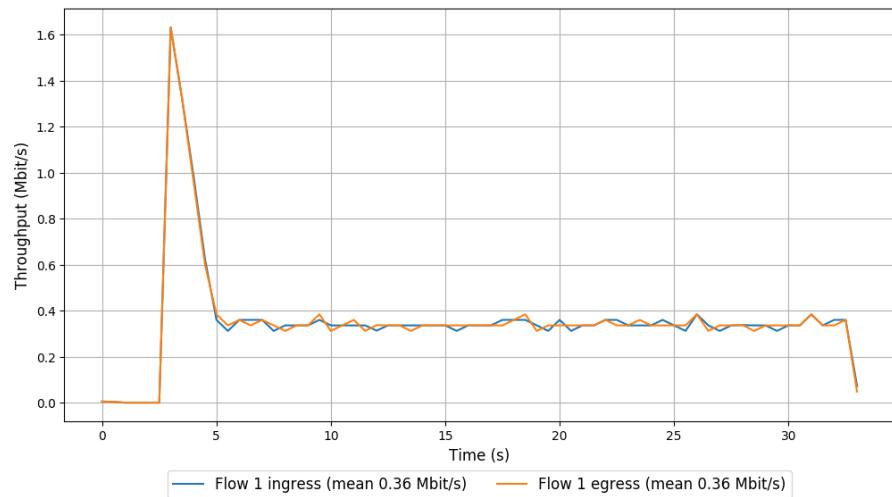


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 04:55:21 +0000
End at: Fri, 16 Jun 2017 04:55:51 +0000
Local clock offset: 3.989 ms
Remote clock offset: -4.001 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 19.381 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 19.381 ms
Loss rate: 0.20%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 05:13:57 +0000
```

```
End at: Fri, 16 Jun 2017 05:14:27 +0000
```

```
Local clock offset: -6.035 ms
```

```
Remote clock offset: -2.274 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:53 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.55 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.785 ms
```

```
Loss rate: 0.13%
```

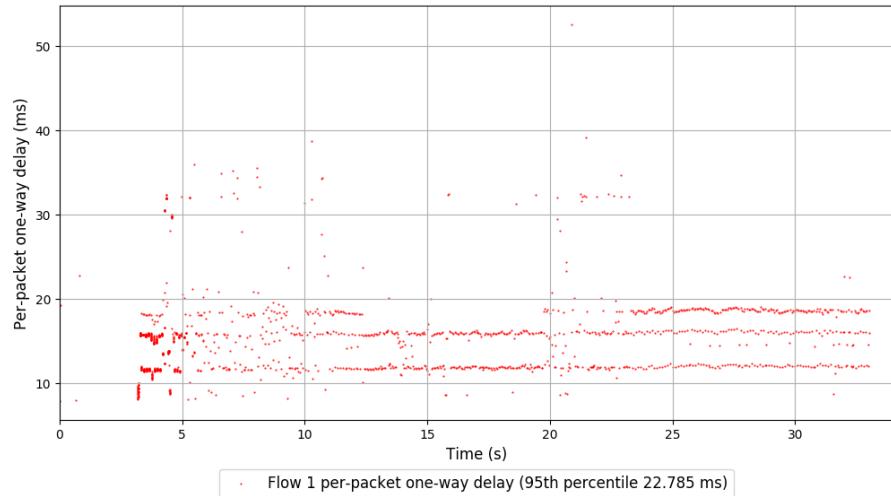
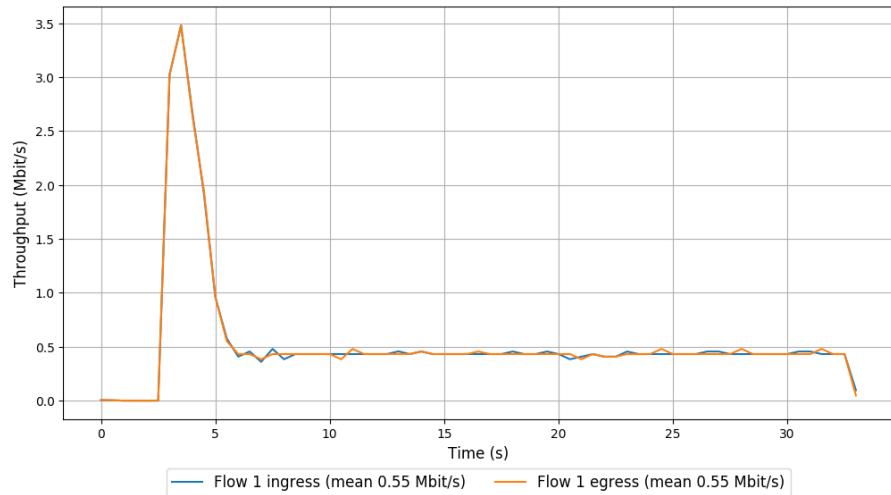
```
-- Flow 1:
```

```
Average throughput: 0.55 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.785 ms
```

```
Loss rate: 0.13%
```

Run 10: Report of CalibratedKoho — Data Link

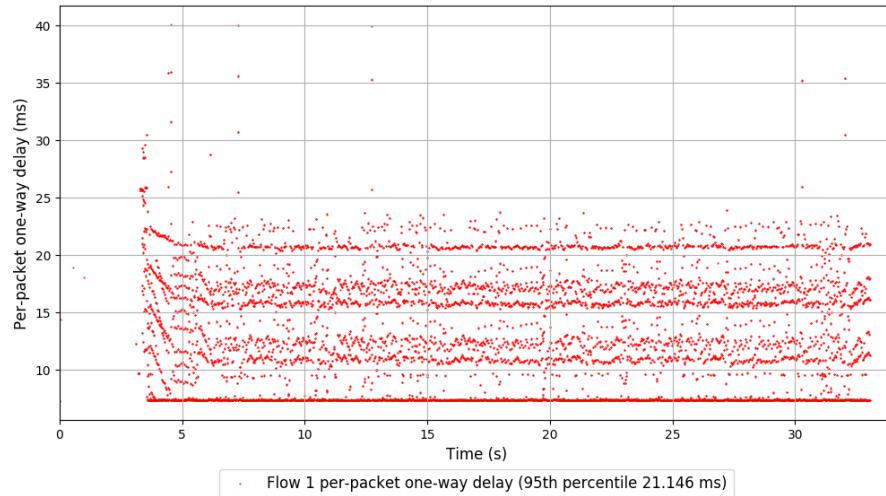
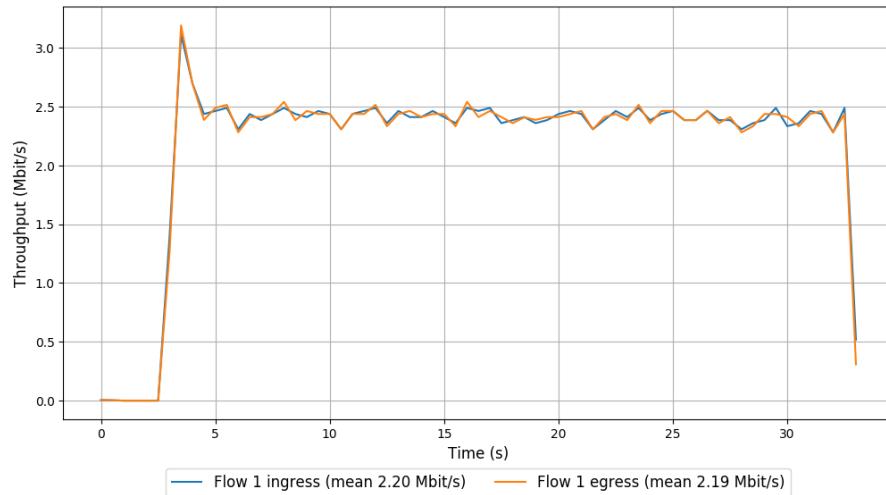


Run 1: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:21:56 +0000
End at: Fri, 16 Jun 2017 02:22:26 +0000
Local clock offset: 3.213 ms
Remote clock offset: -0.287 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 21.146 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 21.146 ms
Loss rate: 0.22%
```

Run 1: Report of Copa — Data Link

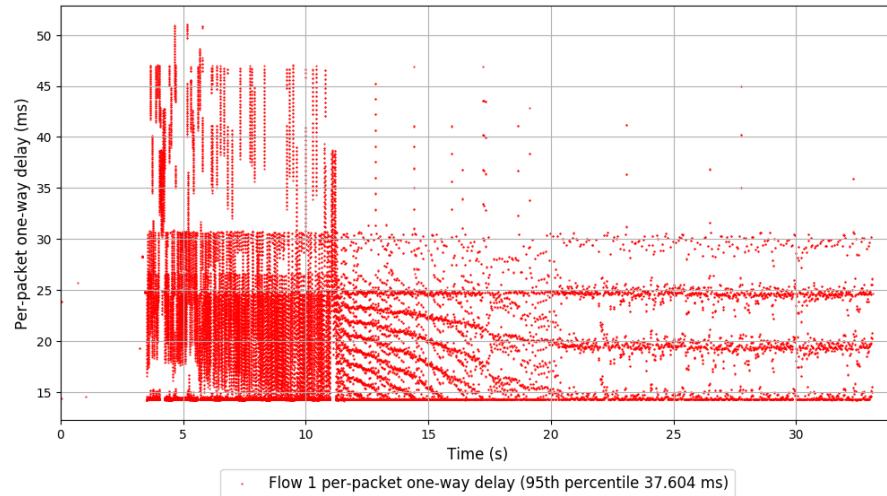
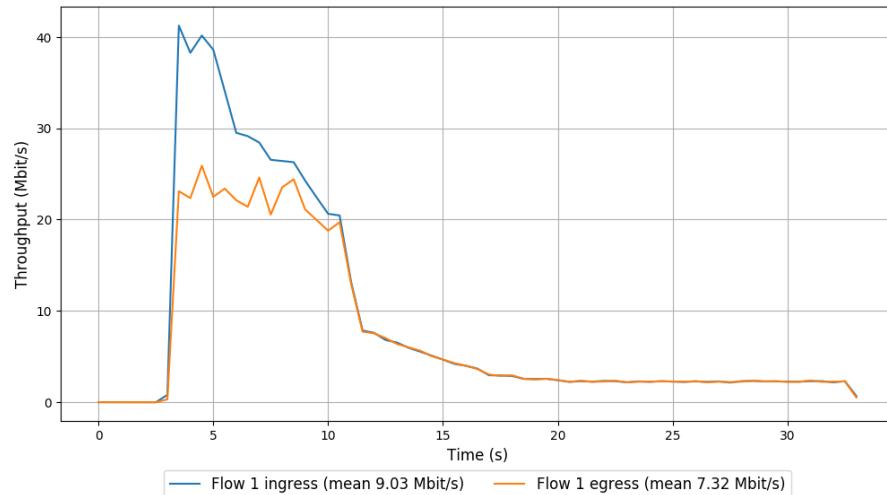


Run 2: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:40:18 +0000
End at: Fri, 16 Jun 2017 02:40:48 +0000
Local clock offset: 5.935 ms
Remote clock offset: -1.315 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 37.604 ms
Loss rate: 19.00%
-- Flow 1:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 37.604 ms
Loss rate: 19.00%
```

Run 2: Report of Copa — Data Link

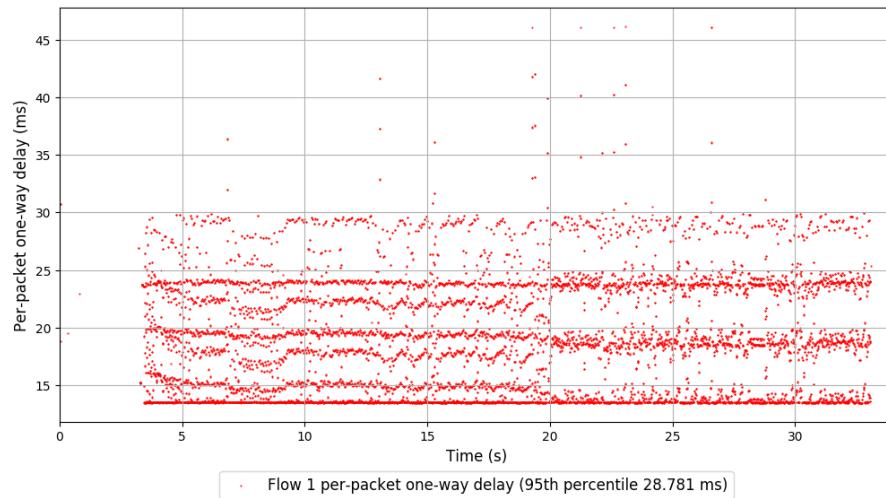
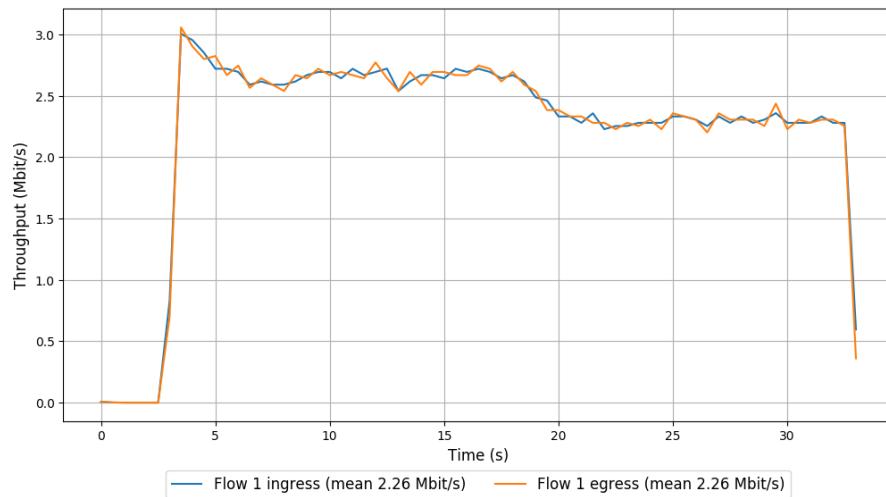


Run 3: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:58:28 +0000
End at: Fri, 16 Jun 2017 02:58:58 +0000
Local clock offset: 1.825 ms
Remote clock offset: -2.11 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 28.781 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 28.781 ms
Loss rate: 0.23%
```

Run 3: Report of Copa — Data Link

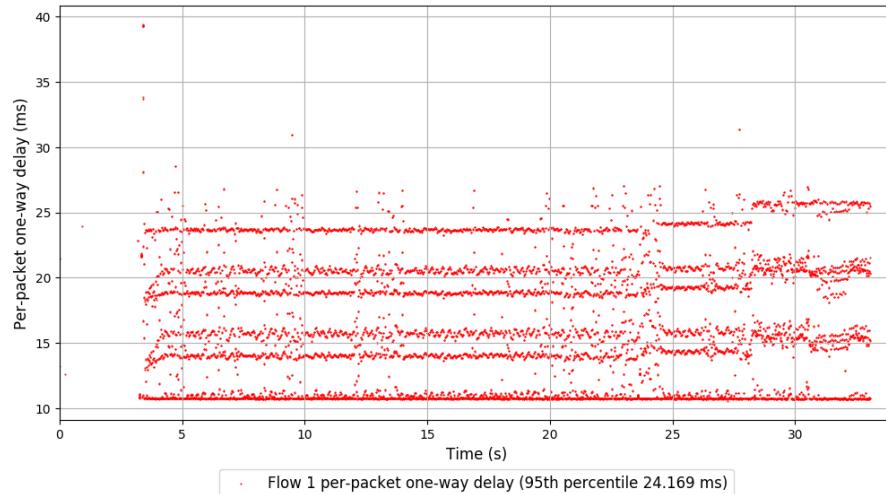
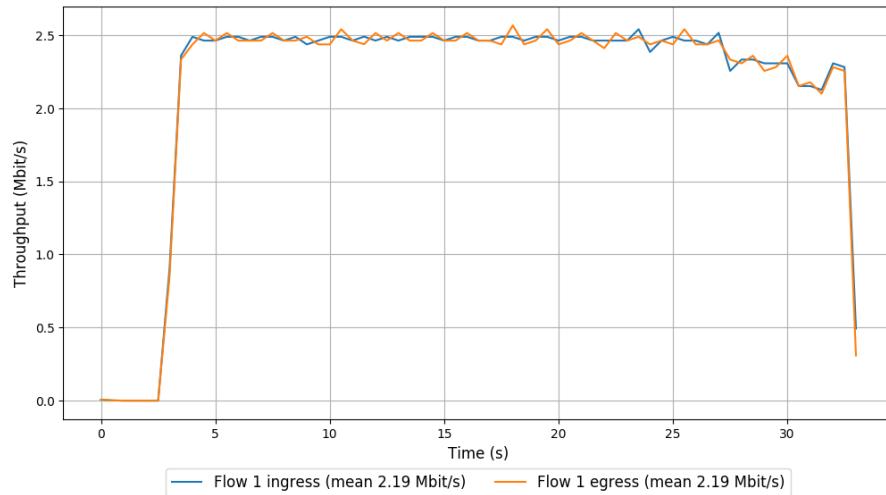


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:17:08 +0000
End at: Fri, 16 Jun 2017 03:17:38 +0000
Local clock offset: 6.951 ms
Remote clock offset: -2.951 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 24.169 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 24.169 ms
Loss rate: 0.22%
```

Run 4: Report of Copa — Data Link

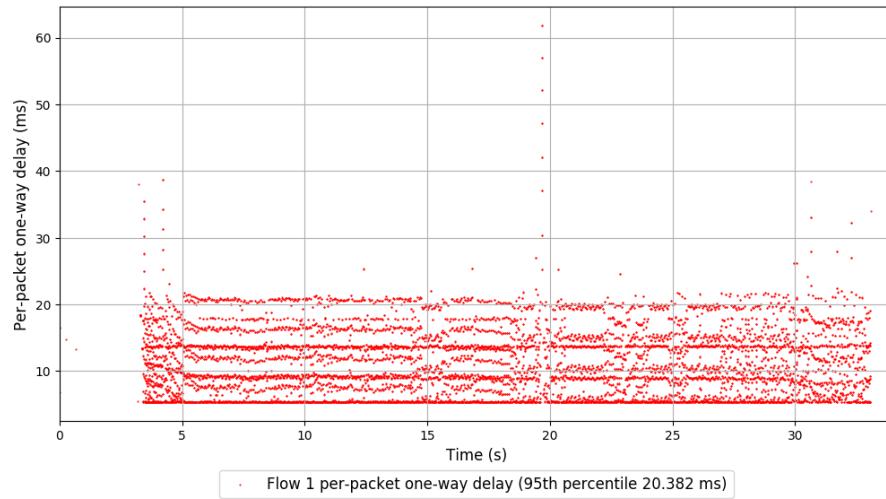
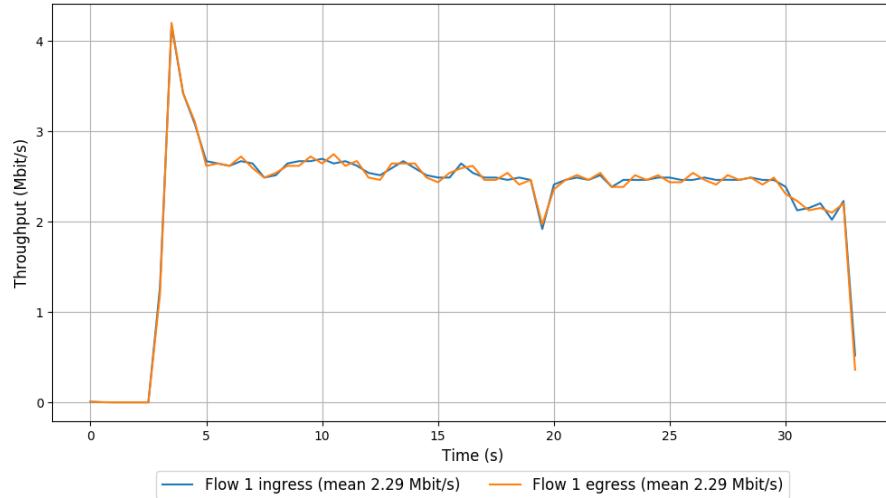


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:35:34 +0000
End at: Fri, 16 Jun 2017 03:36:04 +0000
Local clock offset: 2.575 ms
Remote clock offset: -3.833 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 20.382 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 20.382 ms
Loss rate: 0.17%
```

Run 5: Report of Copa — Data Link

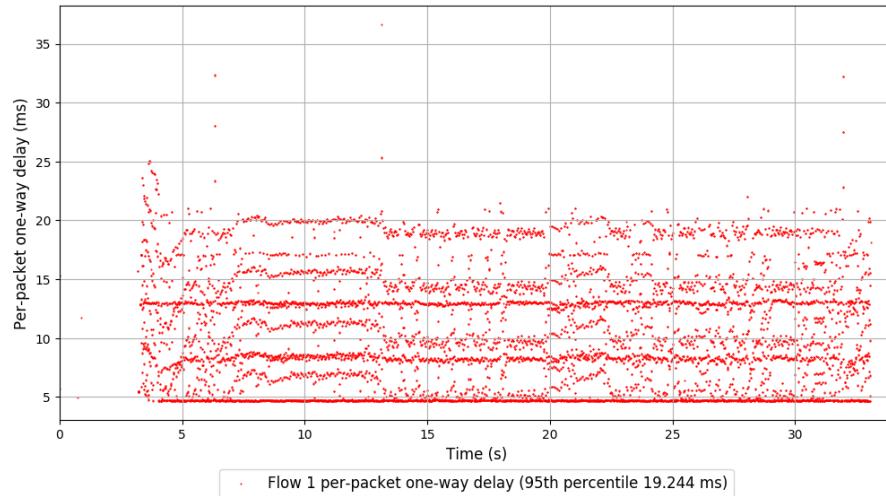
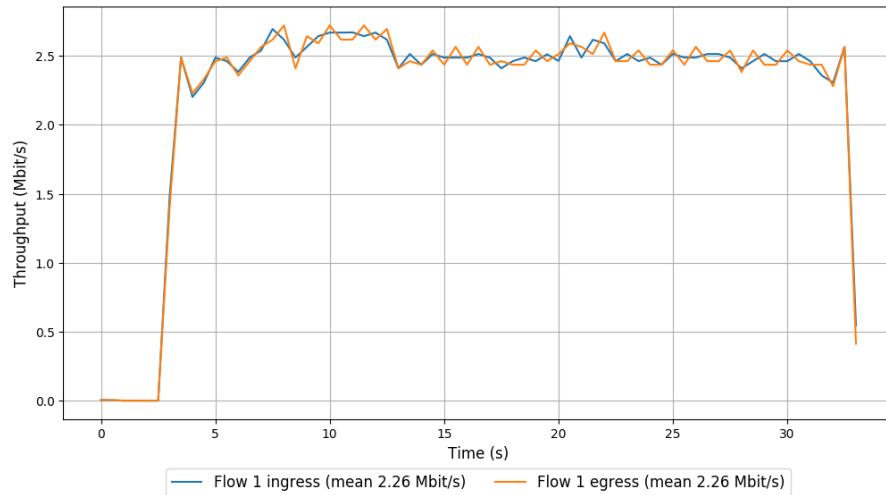


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:53:49 +0000
End at: Fri, 16 Jun 2017 03:54:19 +0000
Local clock offset: 2.592 ms
Remote clock offset: -4.667 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 19.244 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 19.244 ms
Loss rate: 0.12%
```

Run 6: Report of Copa — Data Link

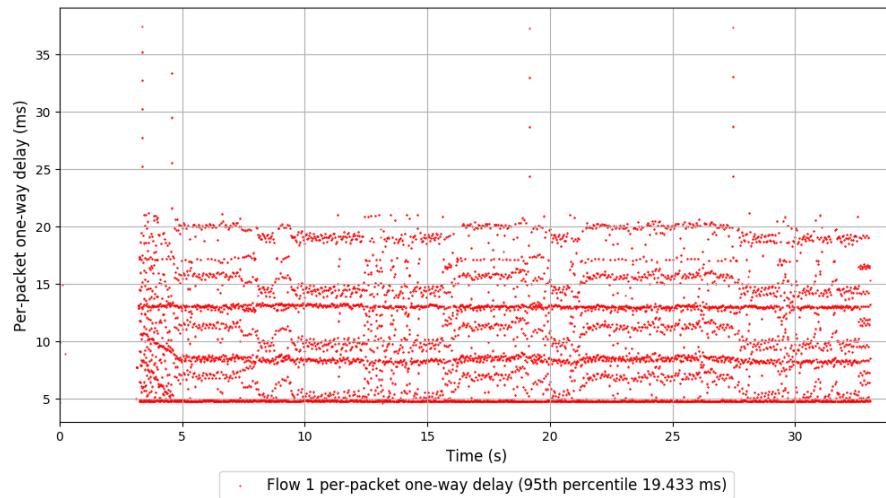
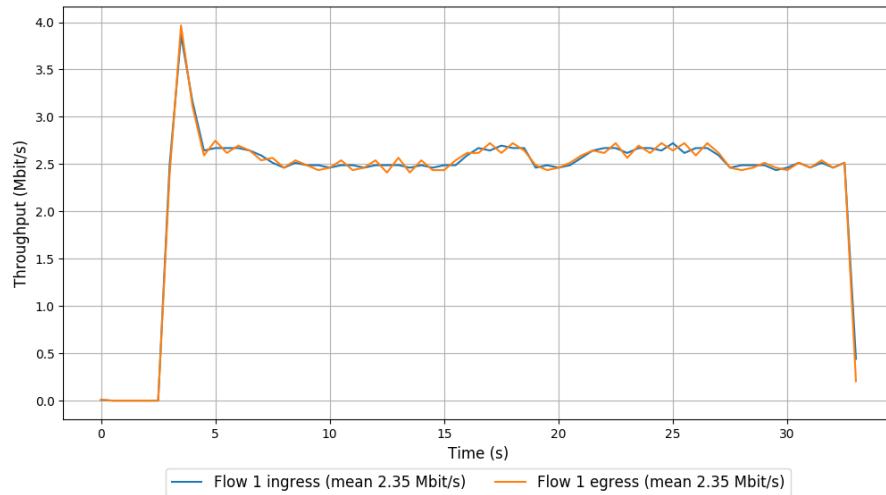


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:12:16 +0000
End at: Fri, 16 Jun 2017 04:12:46 +0000
Local clock offset: 3.212 ms
Remote clock offset: -4.696 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.433 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.433 ms
Loss rate: 0.17%
```

Run 7: Report of Copa — Data Link

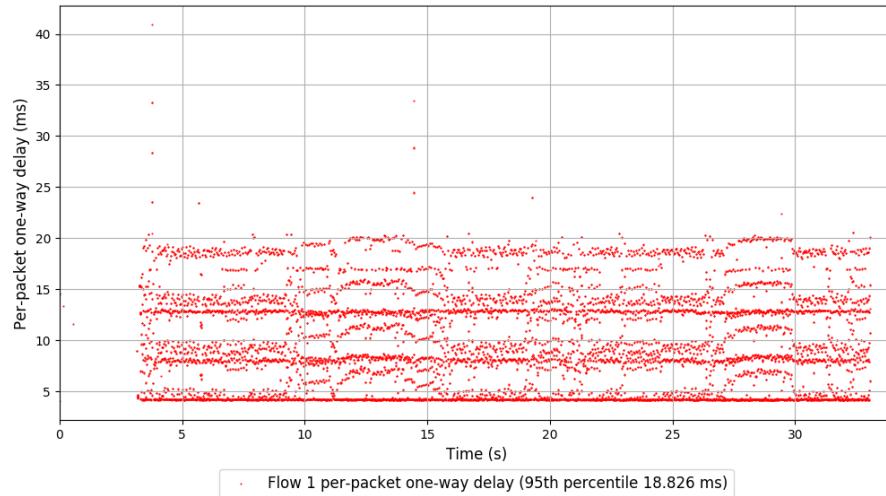
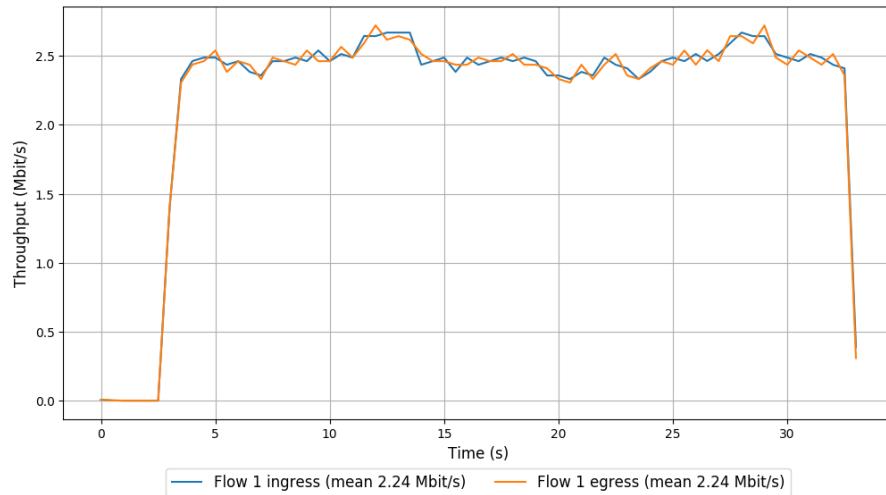


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:30:27 +0000
End at: Fri, 16 Jun 2017 04:30:57 +0000
Local clock offset: 1.785 ms
Remote clock offset: -4.723 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 18.826 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 18.826 ms
Loss rate: 0.11%
```

Run 8: Report of Copa — Data Link

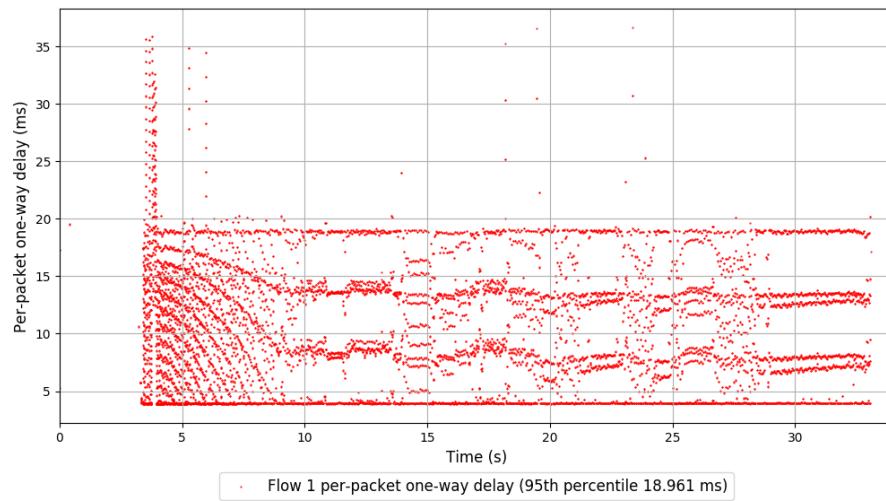
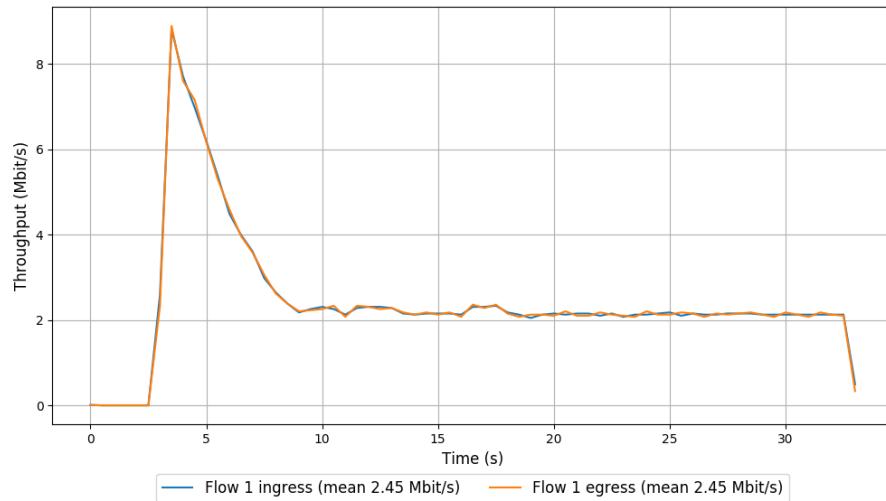


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:49:15 +0000
End at: Fri, 16 Jun 2017 04:49:45 +0000
Local clock offset: 5.49 ms
Remote clock offset: -4.553 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 18.961 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 18.961 ms
Loss rate: 0.16%
```

Run 9: Report of Copa — Data Link

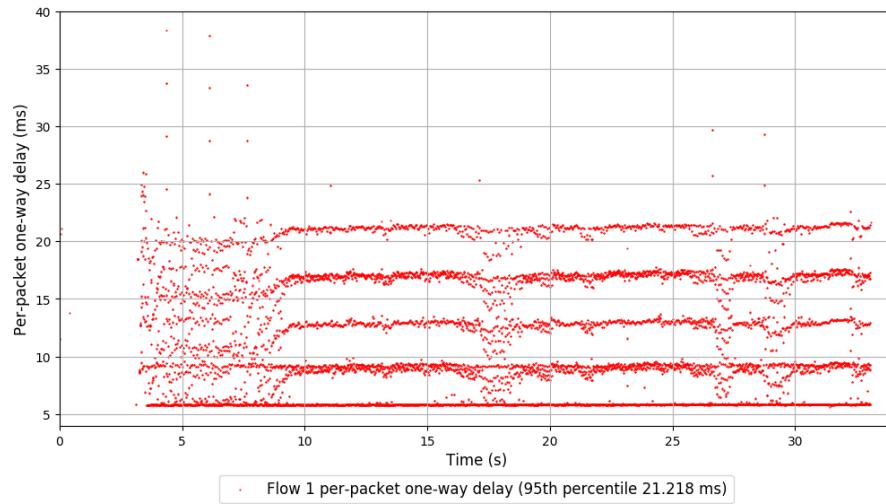
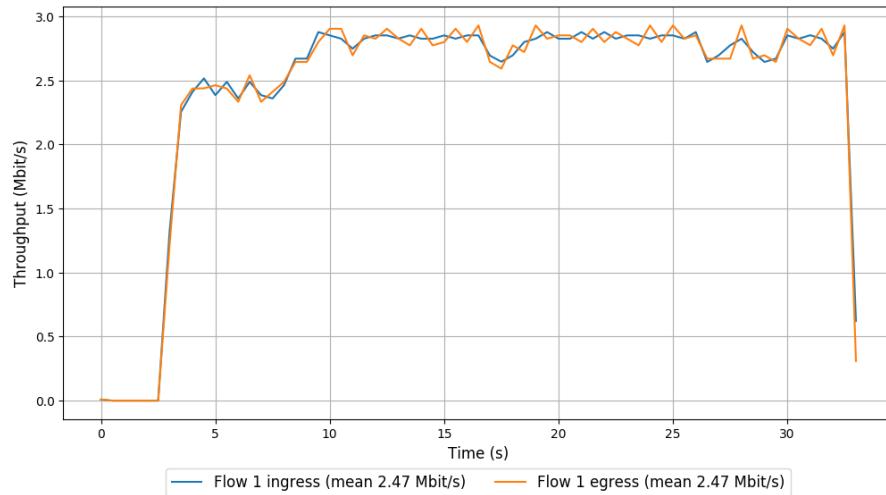


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 05:07:46 +0000
End at: Fri, 16 Jun 2017 05:08:16 +0000
Local clock offset: 0.144 ms
Remote clock offset: -2.76 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 21.218 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 21.218 ms
Loss rate: 0.21%
```

Run 10: Report of Copa — Data Link

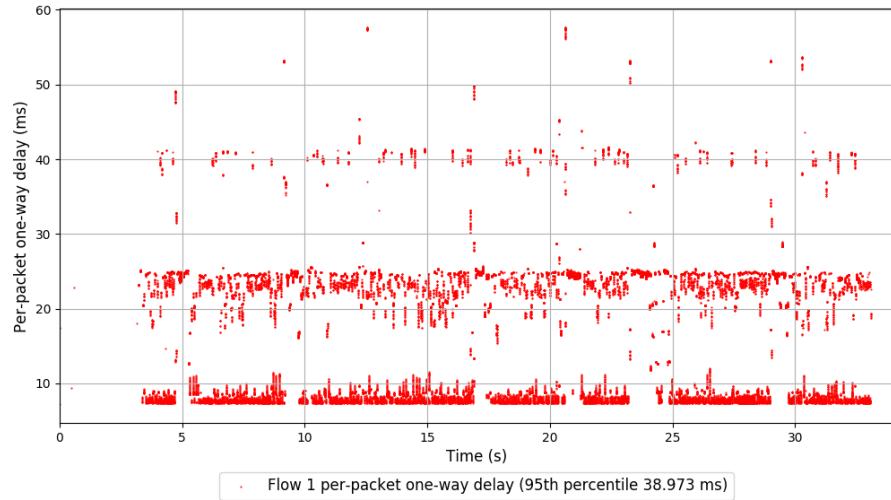
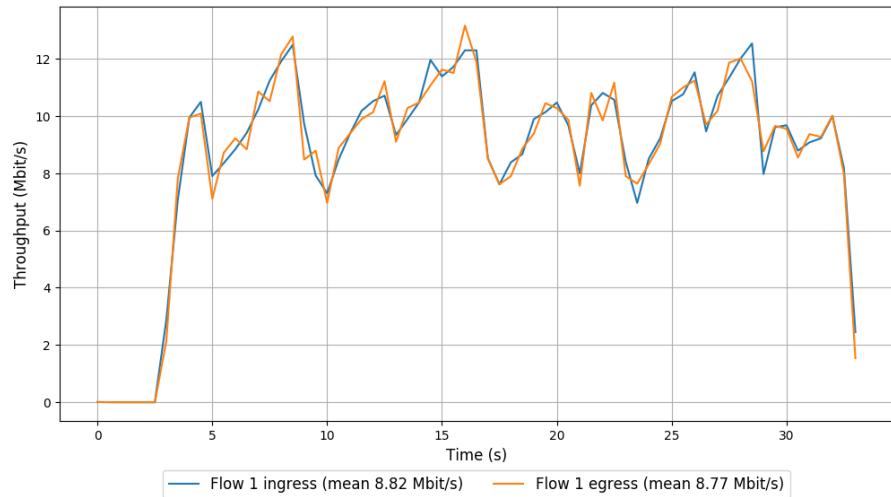


Run 1: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:23:05 +0000
End at: Fri, 16 Jun 2017 02:23:35 +0000
Local clock offset: 4.846 ms
Remote clock offset: -0.302 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 38.973 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 38.973 ms
Loss rate: 0.63%
```

Run 1: Report of TCP Cubic — Data Link

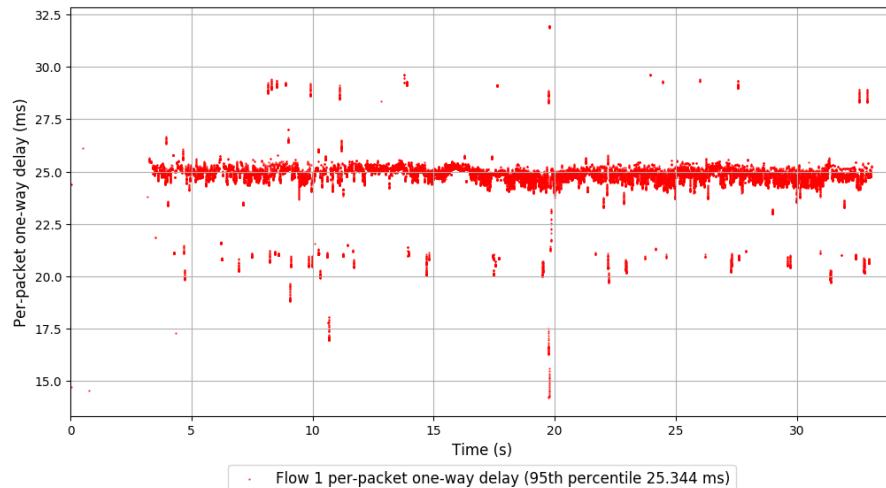
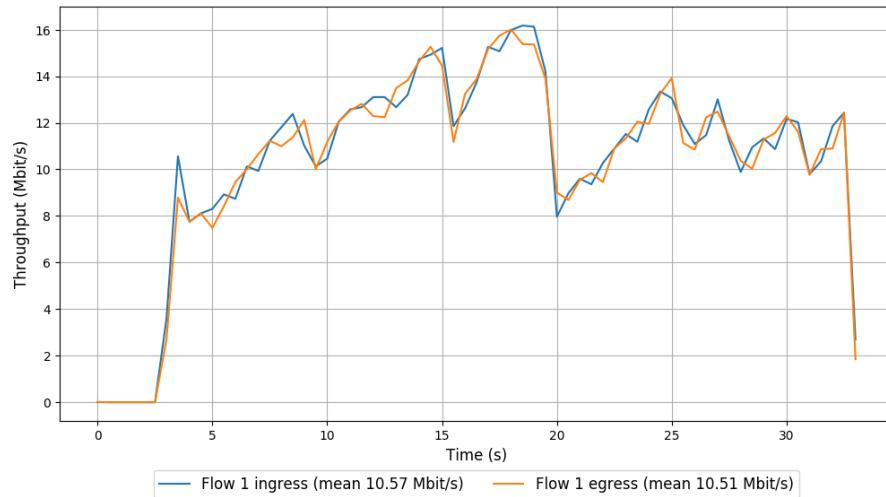


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:41:31 +0000
End at: Fri, 16 Jun 2017 02:42:01 +0000
Local clock offset: -5.364 ms
Remote clock offset: -1.757 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 25.344 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 25.344 ms
Loss rate: 0.77%
```

Run 2: Report of TCP Cubic — Data Link

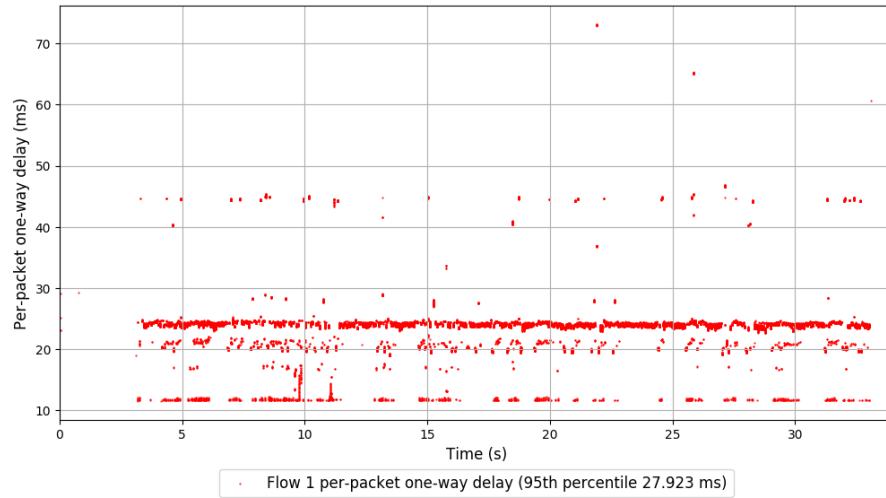
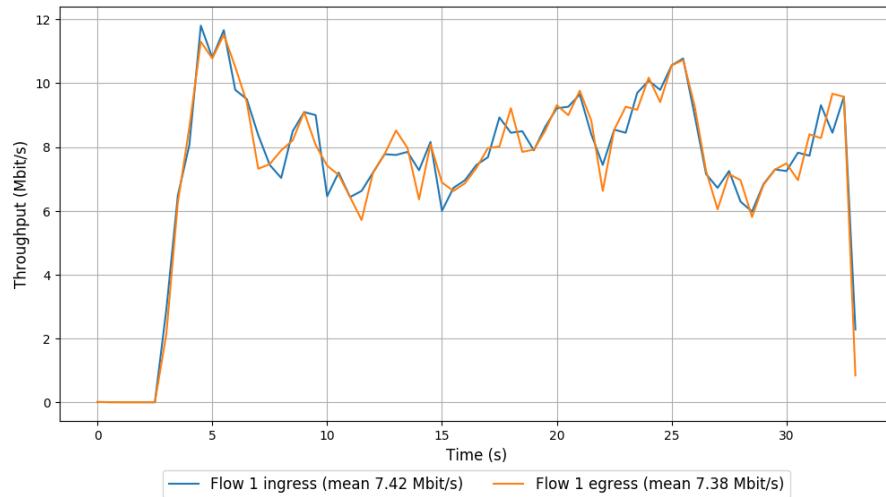


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:59:36 +0000
End at: Fri, 16 Jun 2017 03:00:06 +0000
Local clock offset: -0.495 ms
Remote clock offset: -2.76 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 27.923 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 27.923 ms
Loss rate: 0.73%
```

Run 3: Report of TCP Cubic — Data Link

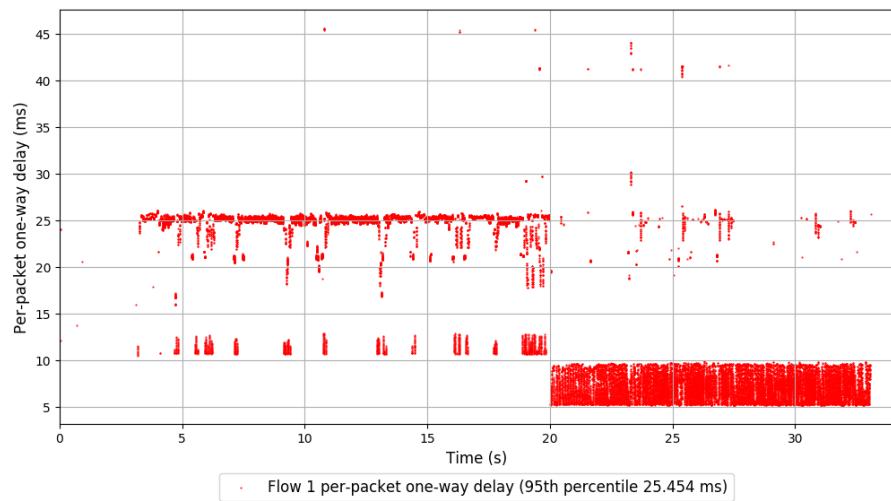
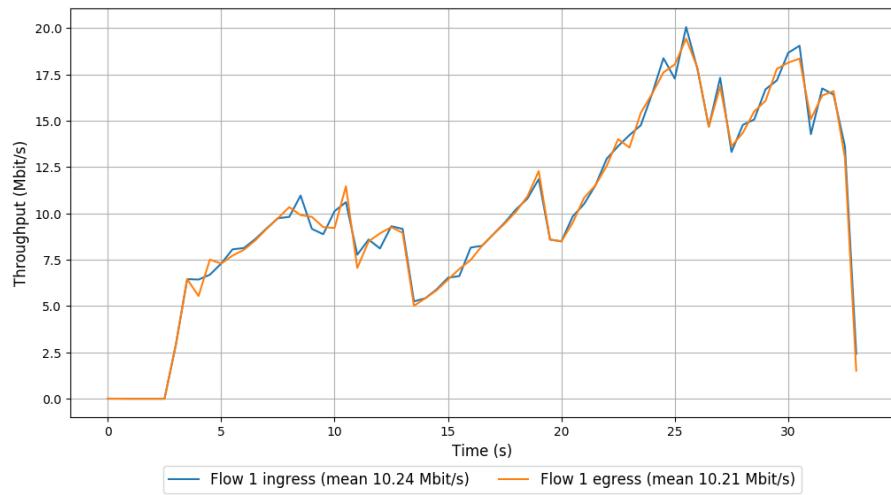


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:18:17 +0000
End at: Fri, 16 Jun 2017 03:18:47 +0000
Local clock offset: 1.617 ms
Remote clock offset: -3.434 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.21 Mbit/s
95th percentile per-packet one-way delay: 25.454 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 10.21 Mbit/s
95th percentile per-packet one-way delay: 25.454 ms
Loss rate: 0.52%
```

Run 4: Report of TCP Cubic — Data Link

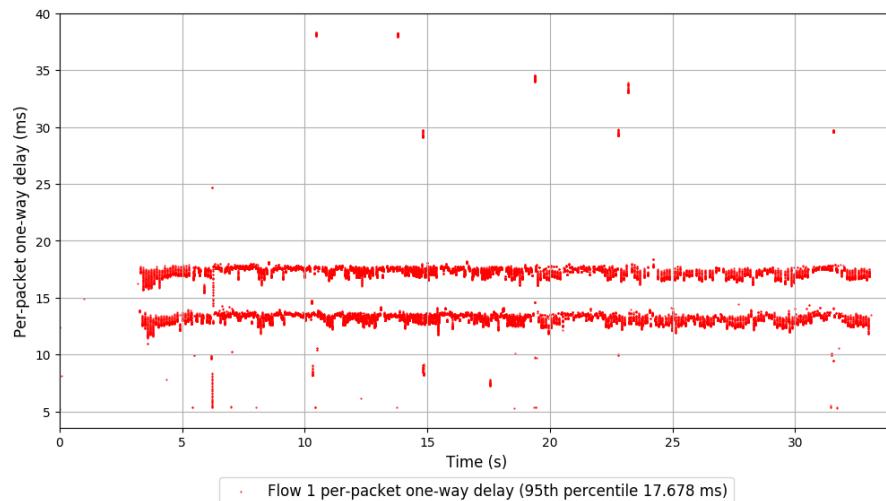
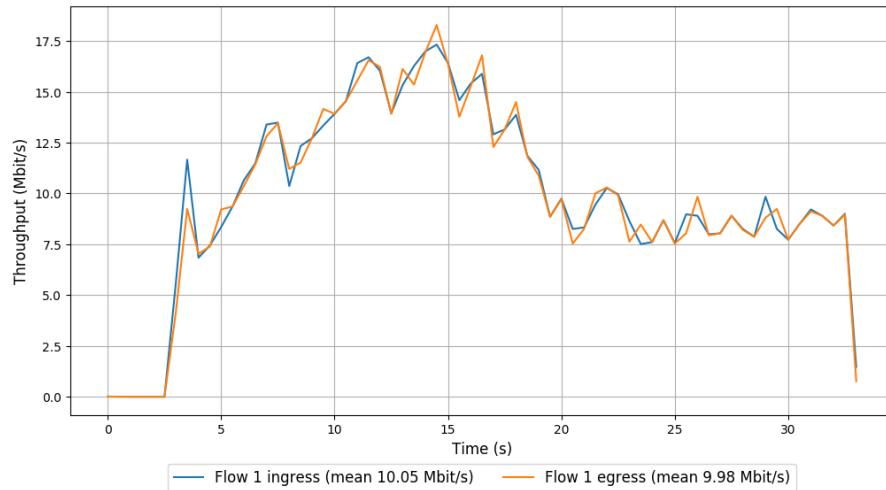


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:36:43 +0000
End at: Fri, 16 Jun 2017 03:37:13 +0000
Local clock offset: -1.136 ms
Remote clock offset: -3.912 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.98 Mbit/s
95th percentile per-packet one-way delay: 17.678 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 9.98 Mbit/s
95th percentile per-packet one-way delay: 17.678 ms
Loss rate: 0.72%
```

Run 5: Report of TCP Cubic — Data Link

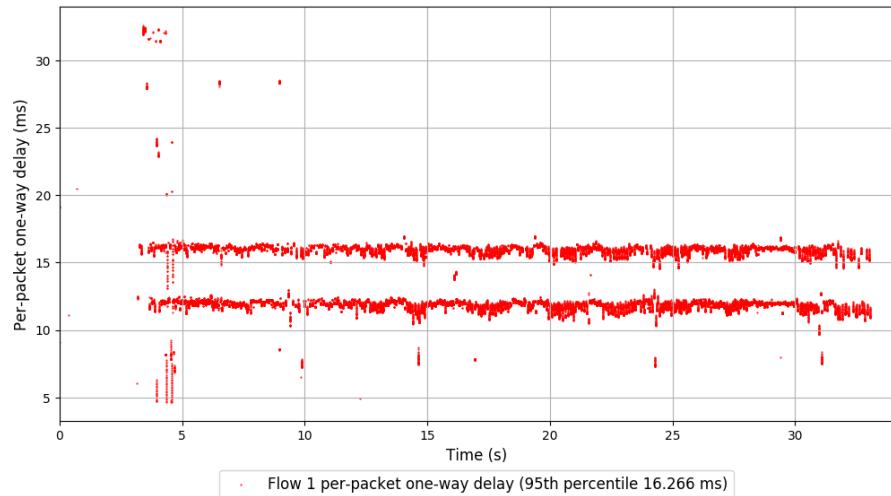
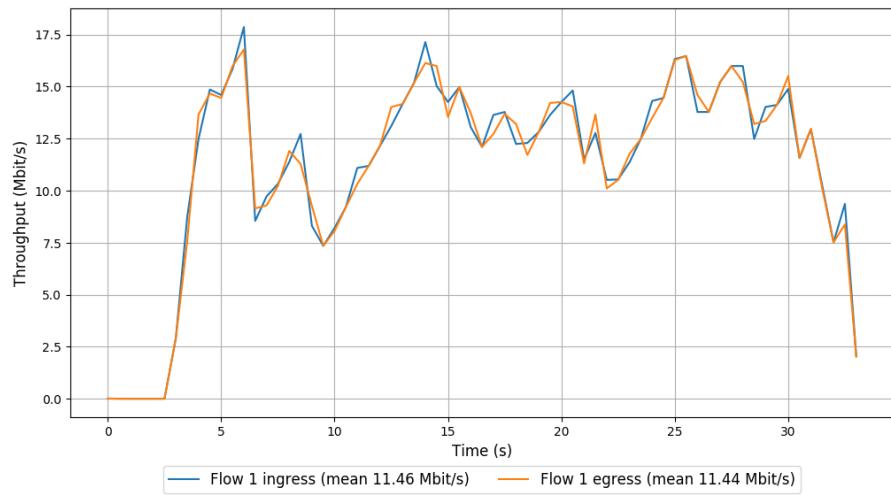


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:54:58 +0000
End at: Fri, 16 Jun 2017 03:55:28 +0000
Local clock offset: 6.719 ms
Remote clock offset: -4.473 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.44 Mbit/s
95th percentile per-packet one-way delay: 16.266 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 11.44 Mbit/s
95th percentile per-packet one-way delay: 16.266 ms
Loss rate: 0.36%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 04:13:25 +0000

End at: Fri, 16 Jun 2017 04:13:55 +0000

Local clock offset: -0.806 ms

Remote clock offset: -4.308 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:18:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.78 Mbit/s

95th percentile per-packet one-way delay: 16.221 ms

Loss rate: 0.76%

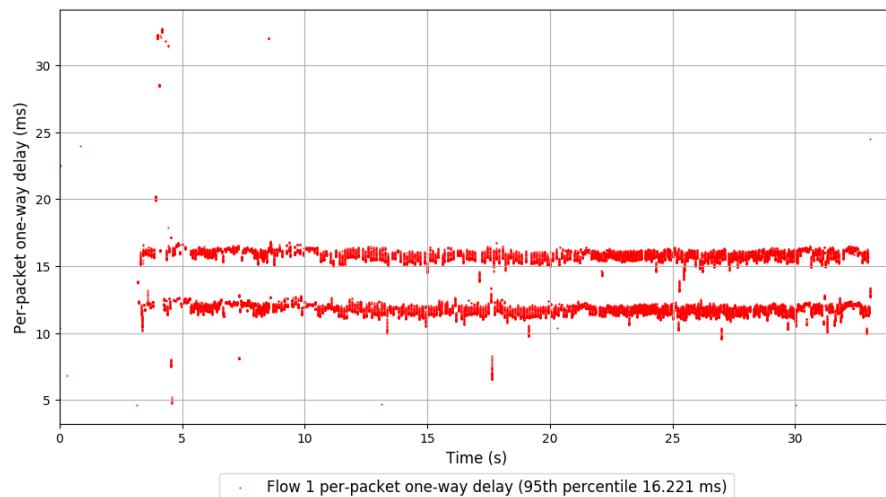
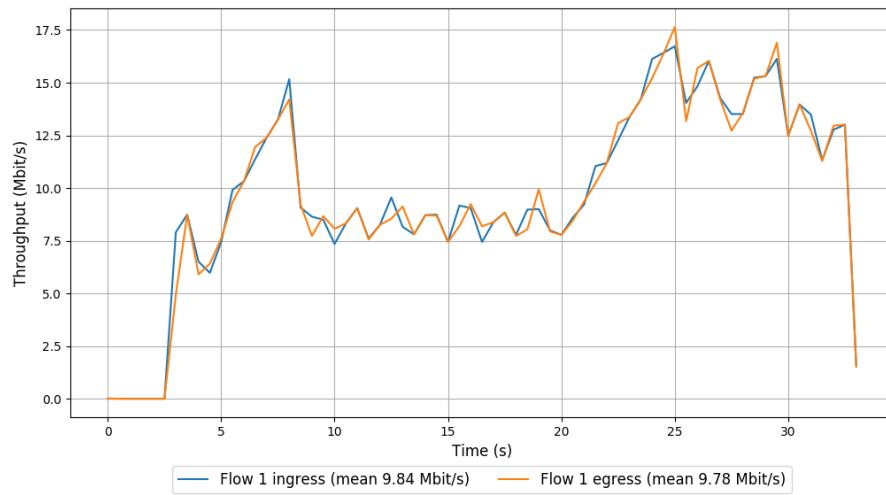
-- Flow 1:

Average throughput: 9.78 Mbit/s

95th percentile per-packet one-way delay: 16.221 ms

Loss rate: 0.76%

Run 7: Report of TCP Cubic — Data Link

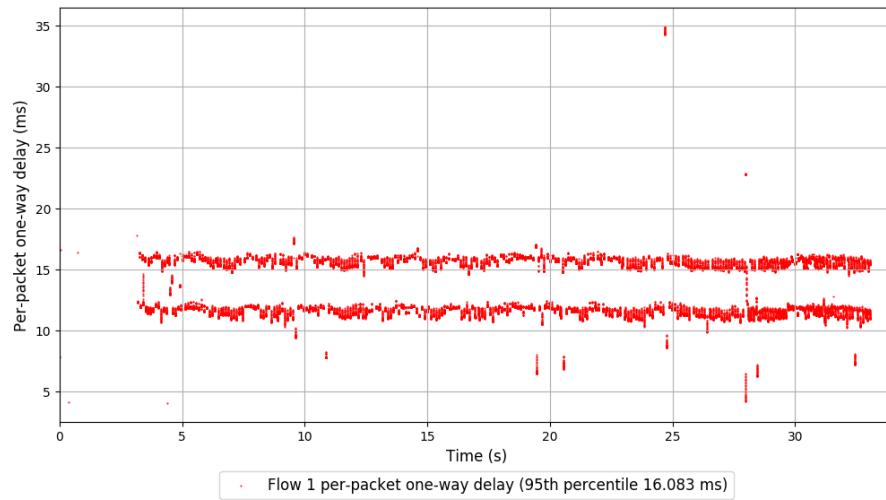
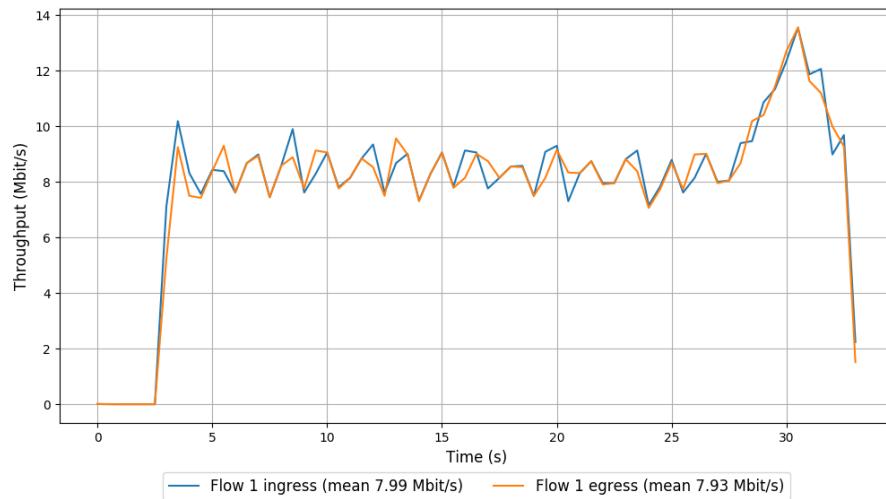


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:31:35 +0000
End at: Fri, 16 Jun 2017 04:32:05 +0000
Local clock offset: 2.409 ms
Remote clock offset: -3.991 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 16.083 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 16.083 ms
Loss rate: 0.89%
```

Run 8: Report of TCP Cubic — Data Link

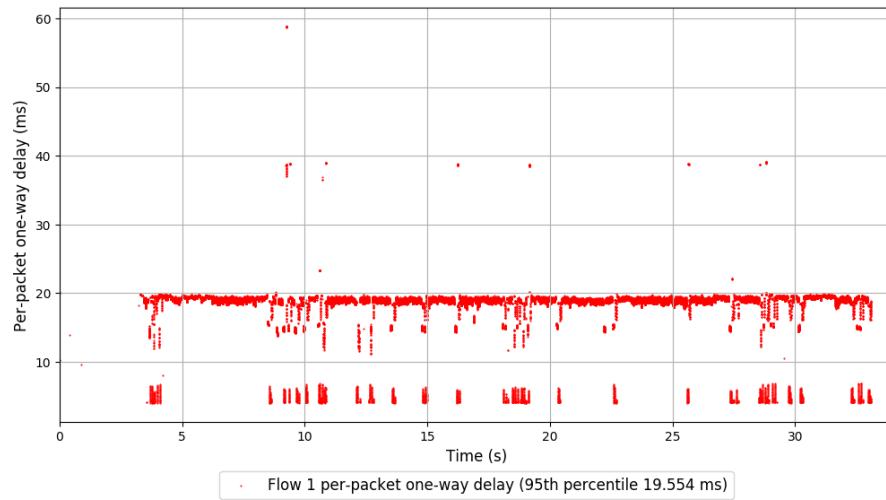
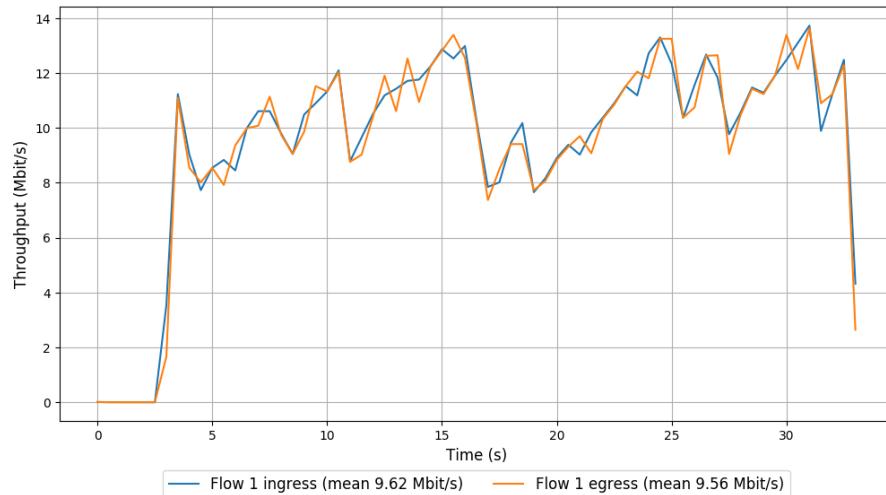


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:50:25 +0000
End at: Fri, 16 Jun 2017 04:50:55 +0000
Local clock offset: 2.635 ms
Remote clock offset: -3.968 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 0.82%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 05:08:56 +0000
```

```
End at: Fri, 16 Jun 2017 05:09:26 +0000
```

```
Local clock offset: 0.084 ms
```

```
Remote clock offset: -2.069 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 11.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.004 ms
```

```
Loss rate: 0.61%
```

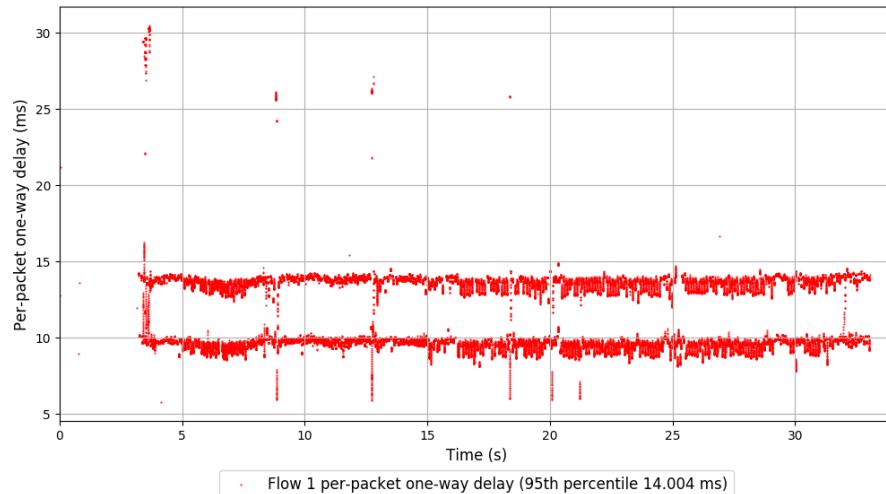
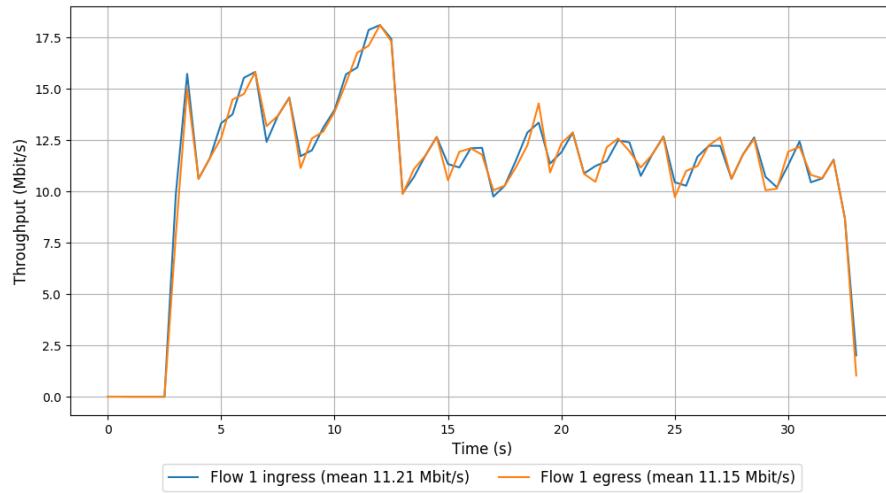
```
-- Flow 1:
```

```
Average throughput: 11.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.004 ms
```

```
Loss rate: 0.61%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:32:48 +0000
```

```
End at: Fri, 16 Jun 2017 02:33:19 +0000
```

```
Local clock offset: 2.851 ms
```

```
Remote clock offset: -0.595 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.583 ms
```

```
Loss rate: 6.18%
```

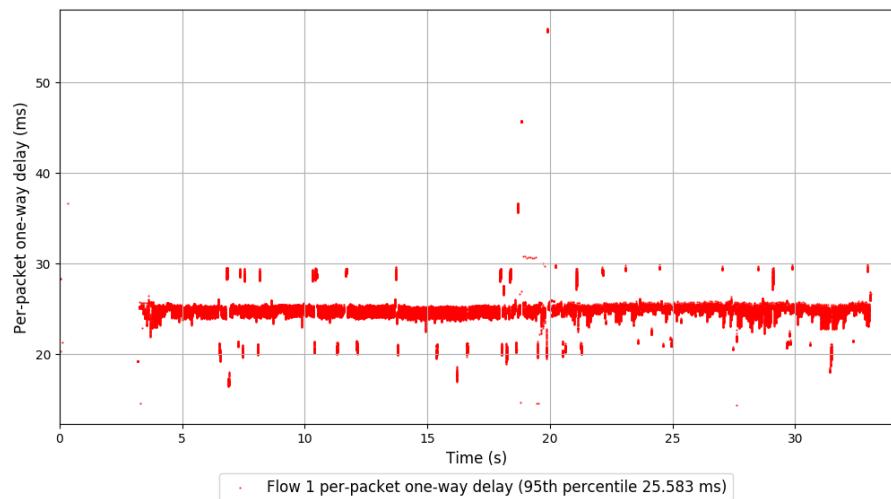
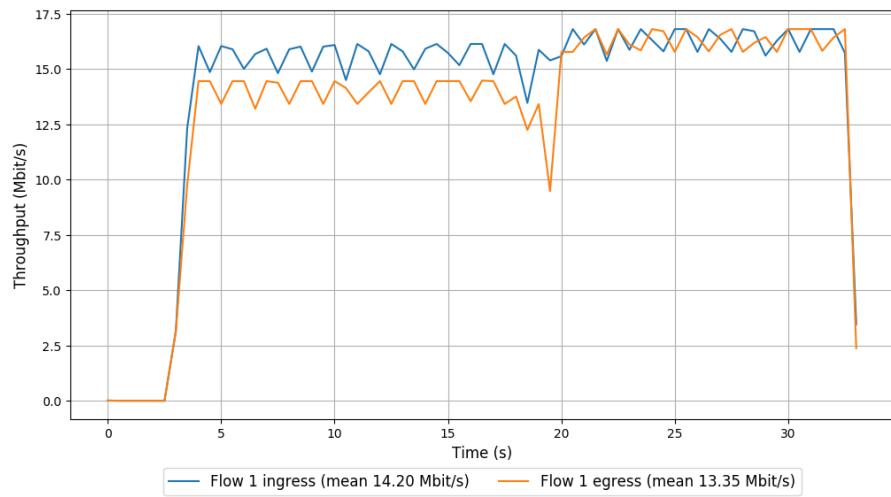
```
-- Flow 1:
```

```
Average throughput: 13.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.583 ms
```

```
Loss rate: 6.18%
```

Run 1: Report of KohoCC — Data Link

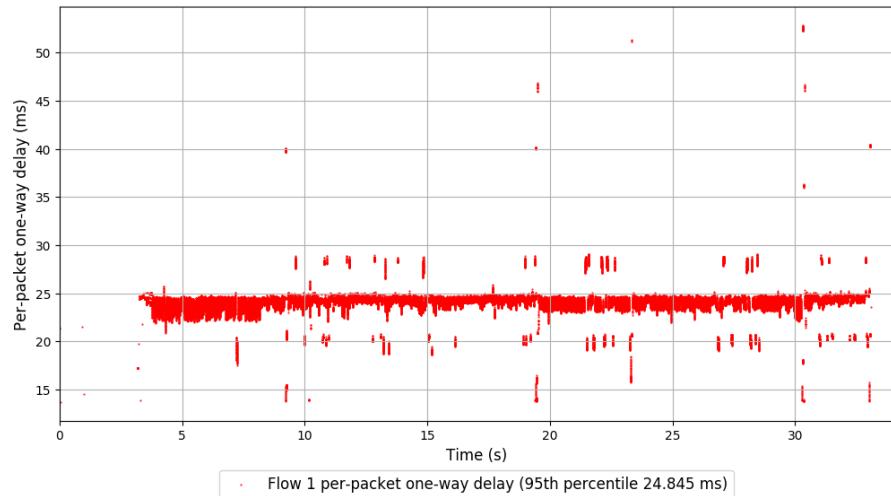
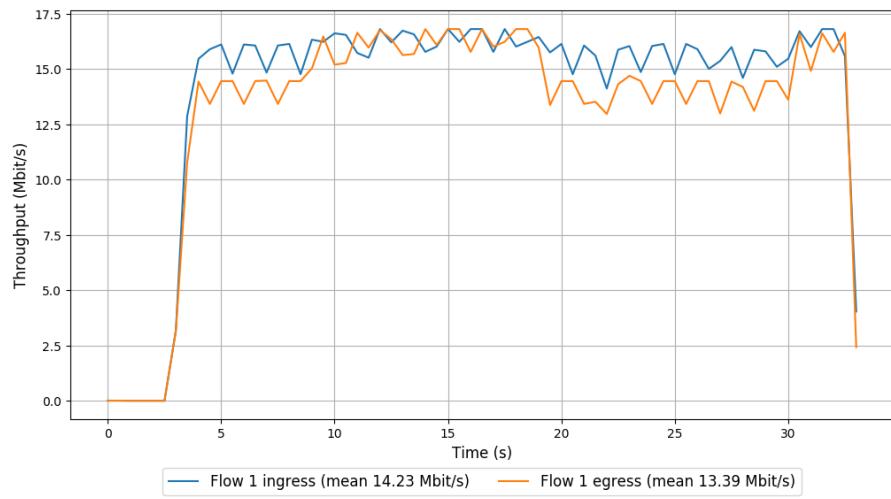


Run 2: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:51:12 +0000
End at: Fri, 16 Jun 2017 02:51:42 +0000
Local clock offset: 3.036 ms
Remote clock offset: -1.843 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 24.845 ms
Loss rate: 6.02%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 24.845 ms
Loss rate: 6.02%
```

Run 2: Report of KohoCC — Data Link

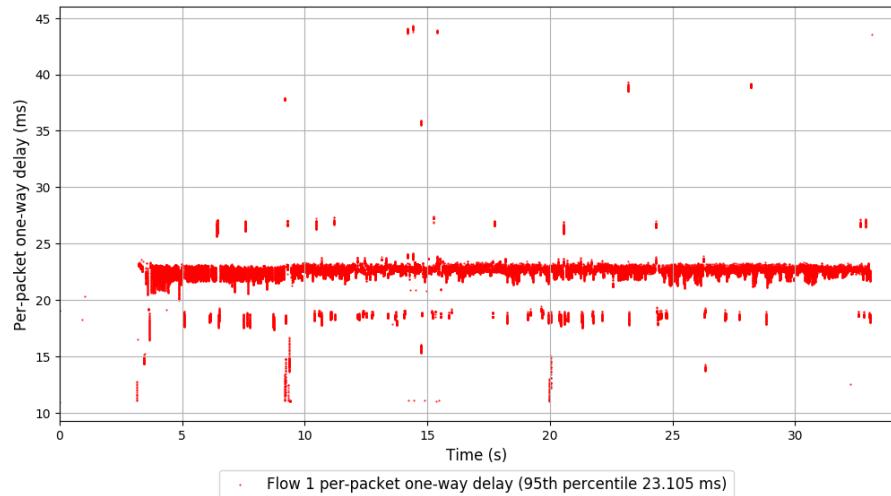
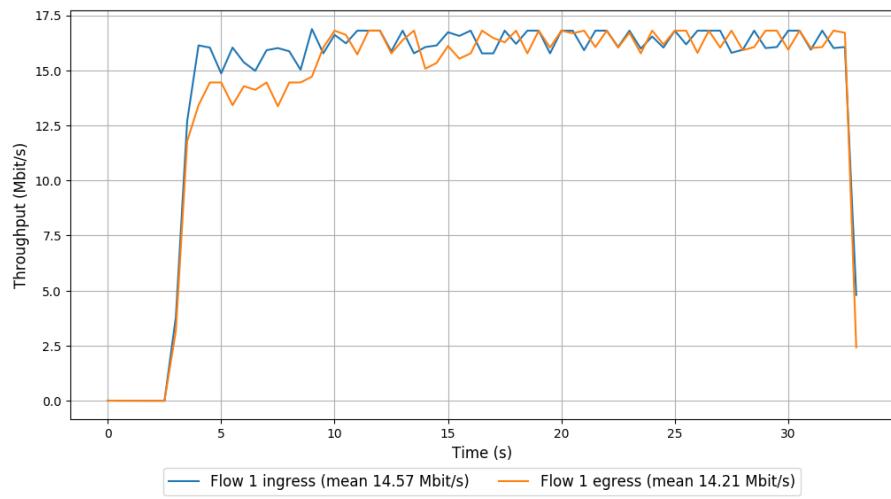


Run 3: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:09:25 +0000
End at: Fri, 16 Jun 2017 03:09:55 +0000
Local clock offset: 5.167 ms
Remote clock offset: -3.083 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.21 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 14.21 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 2.48%
```

Run 3: Report of KohoCC — Data Link

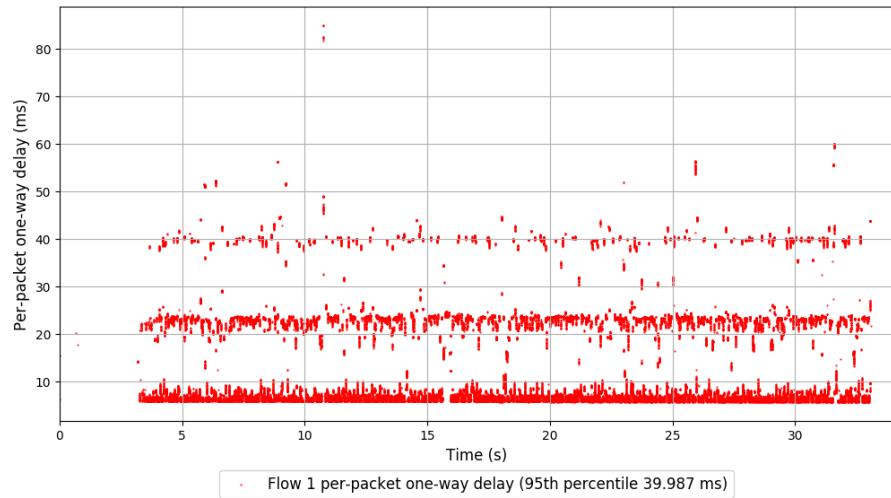
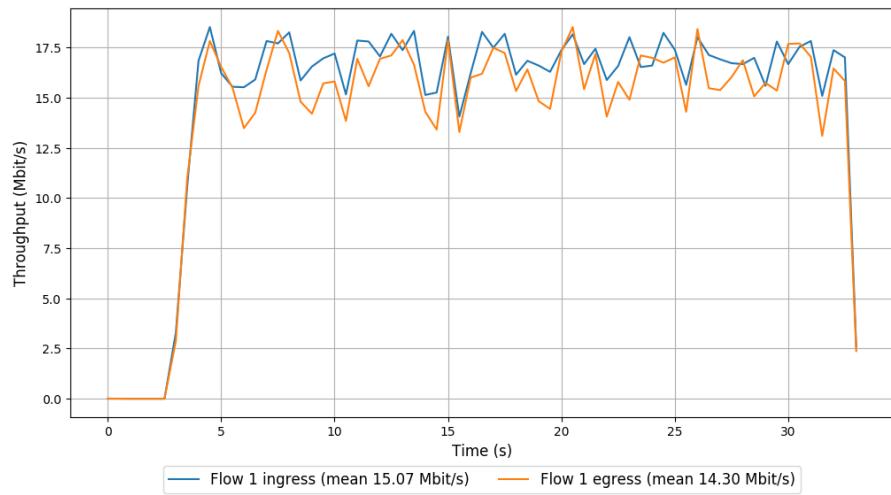


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:28:14 +0000
End at: Fri, 16 Jun 2017 03:28:44 +0000
Local clock offset: 2.693 ms
Remote clock offset: -3.206 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 39.987 ms
Loss rate: 5.26%
-- Flow 1:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 39.987 ms
Loss rate: 5.26%
```

Run 4: Report of KohoCC — Data Link

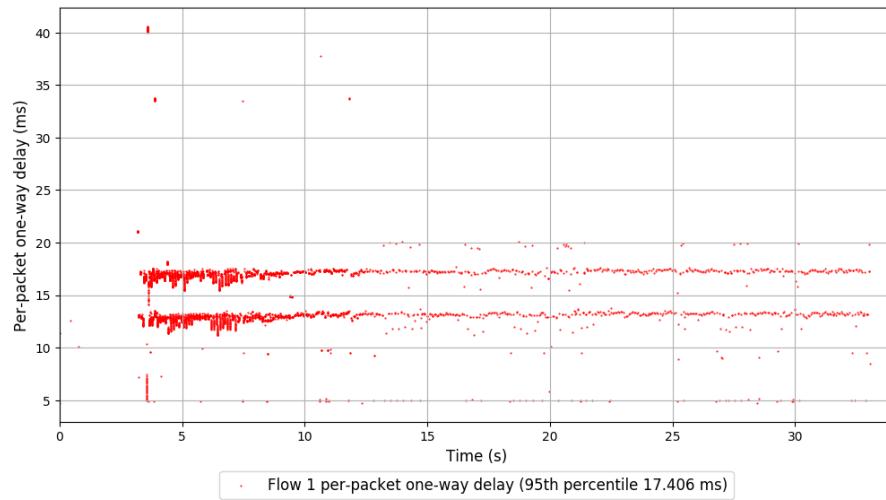
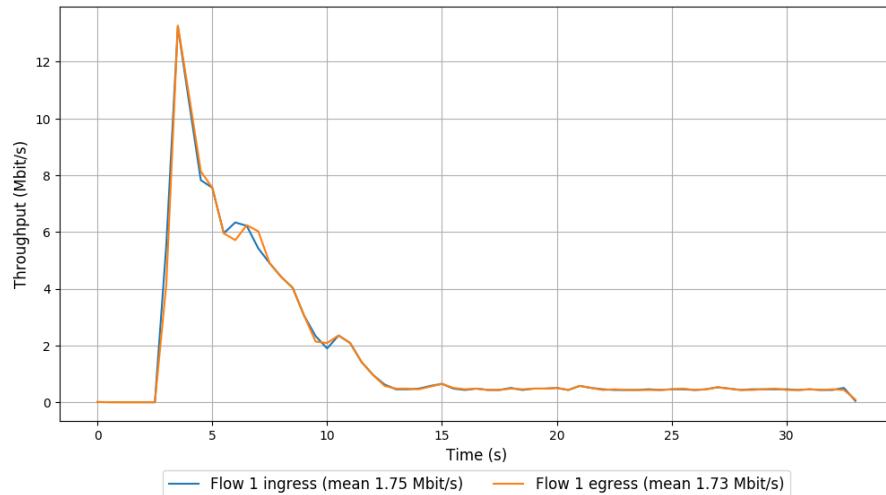


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:46:30 +0000
End at: Fri, 16 Jun 2017 03:47:00 +0000
Local clock offset: 5.248 ms
Remote clock offset: -4.263 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 17.406 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 17.406 ms
Loss rate: 0.73%
```

Run 5: Report of KohoCC — Data Link

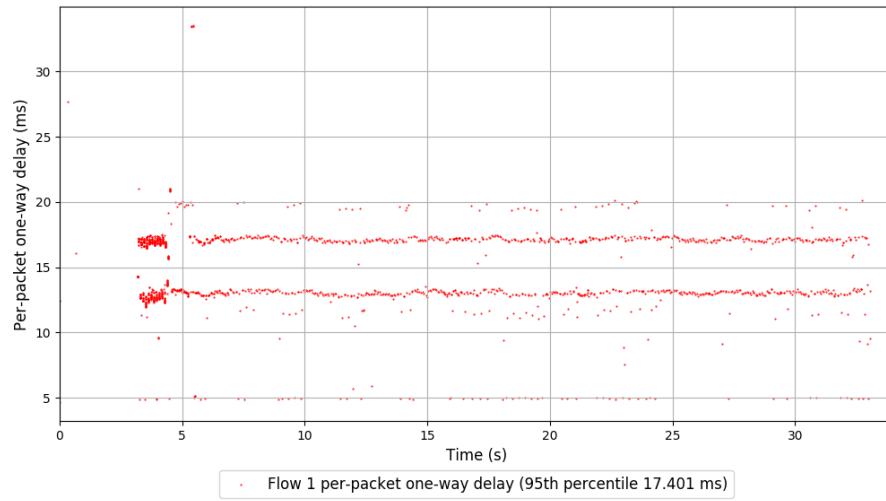
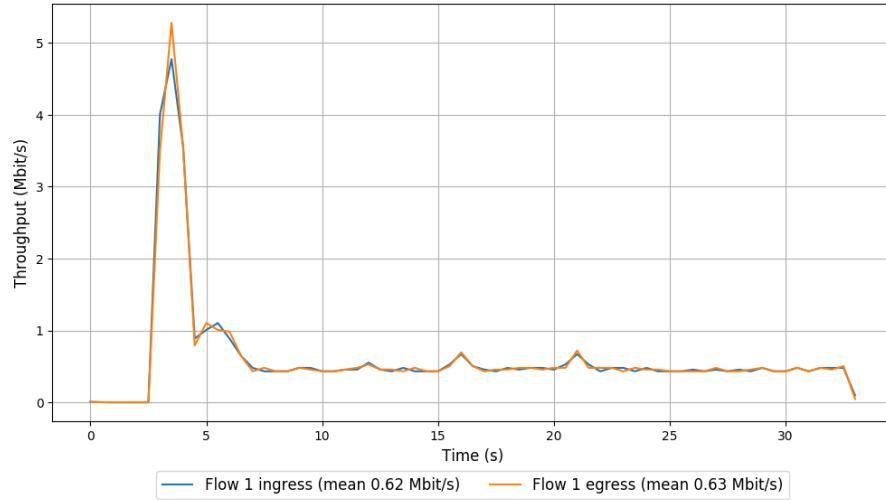


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:04:52 +0000
End at: Fri, 16 Jun 2017 04:05:22 +0000
Local clock offset: 3.58 ms
Remote clock offset: -3.995 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 17.401 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 17.401 ms
Loss rate: 0.12%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 04:23:13 +0000

End at: Fri, 16 Jun 2017 04:23:43 +0000

Local clock offset: 2.919 ms

Remote clock offset: -4.403 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:19:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.69 Mbit/s

95th percentile per-packet one-way delay: 33.615 ms

Loss rate: 0.05%

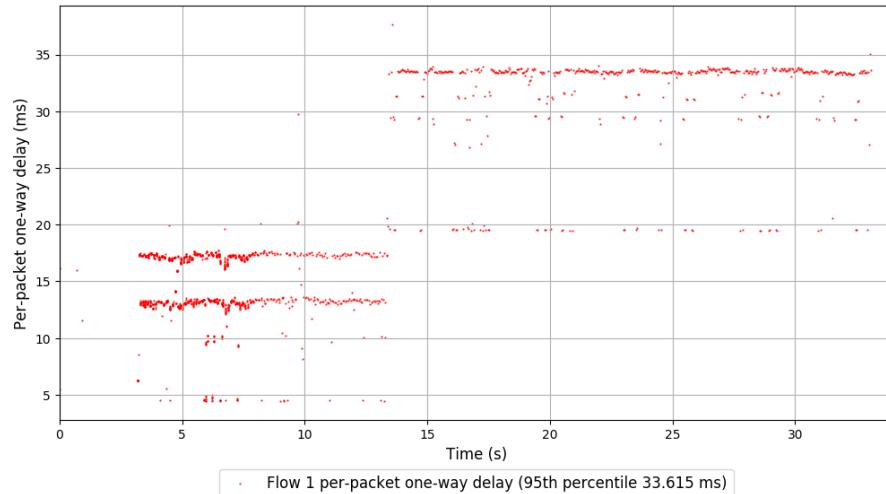
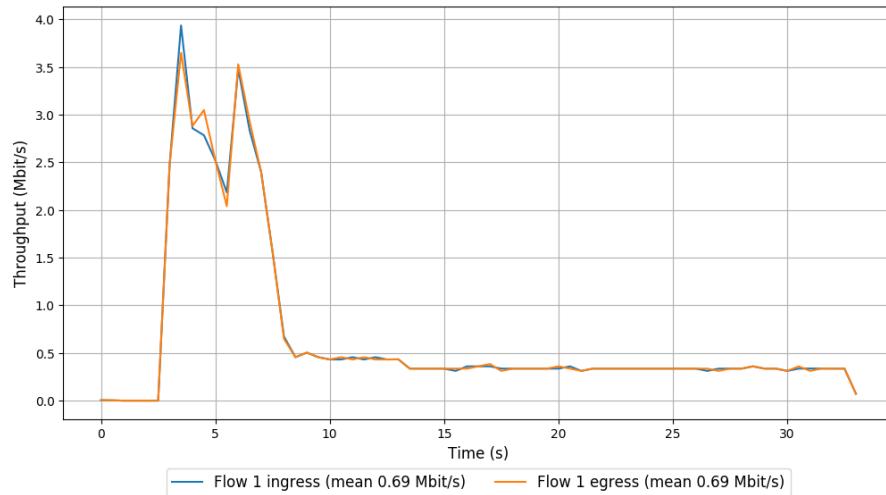
-- Flow 1:

Average throughput: 0.69 Mbit/s

95th percentile per-packet one-way delay: 33.615 ms

Loss rate: 0.05%

Run 7: Report of KohoCC — Data Link

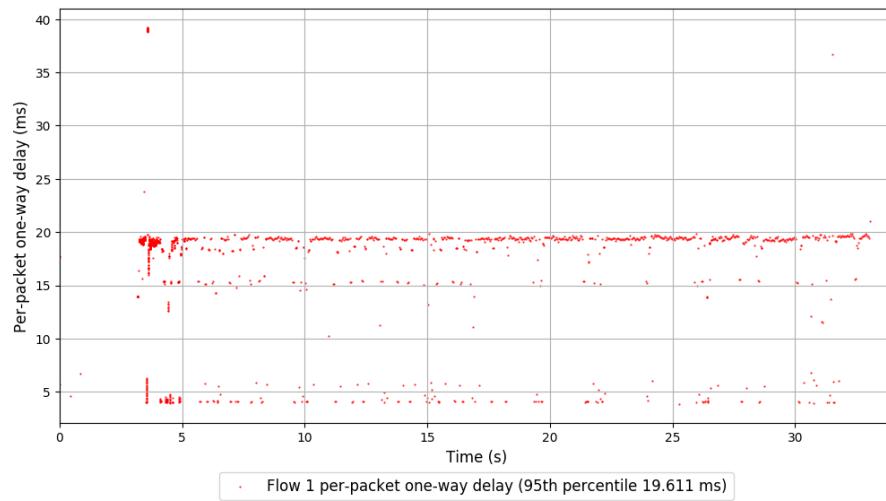
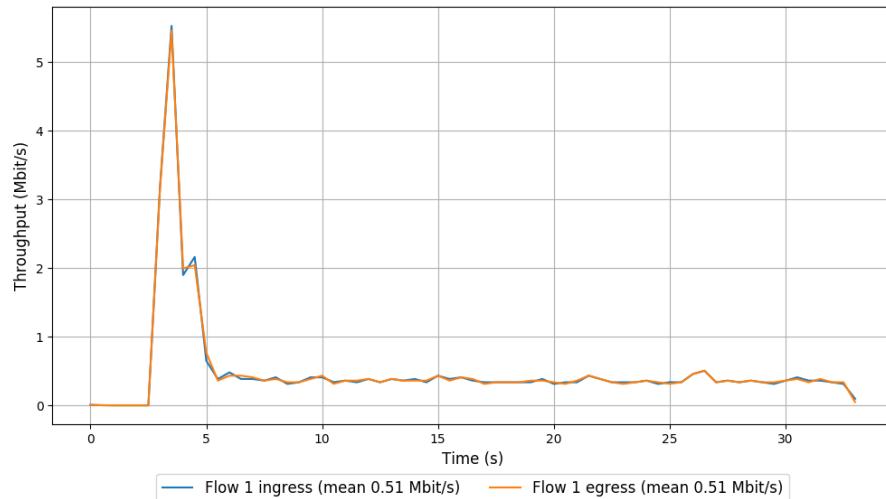


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:41:35 +0000
End at: Fri, 16 Jun 2017 04:42:05 +0000
Local clock offset: 5.698 ms
Remote clock offset: -5.397 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 19.611 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 19.611 ms
Loss rate: 0.14%
```

Run 8: Report of KohoCC — Data Link

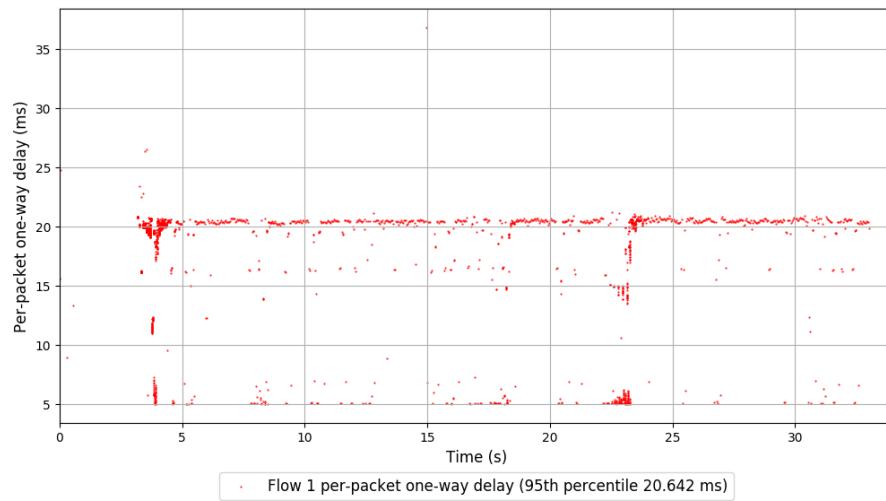
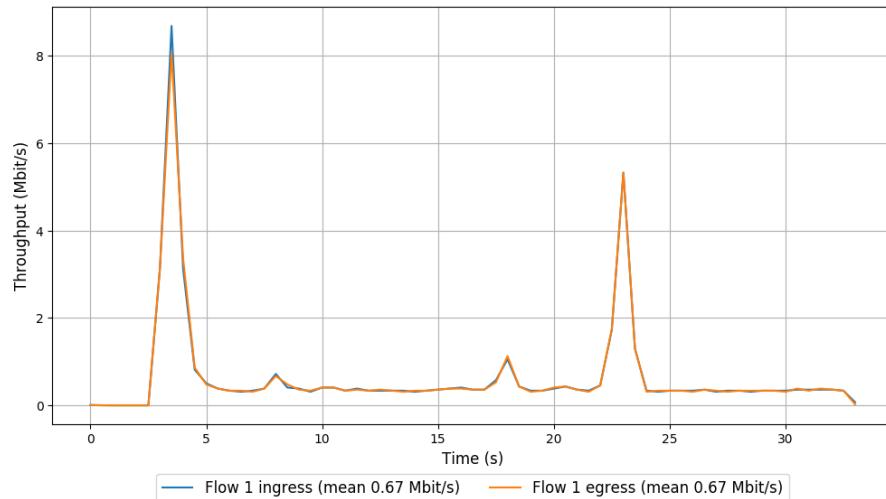


Run 9: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 05:00:31 +0000
End at: Fri, 16 Jun 2017 05:01:01 +0000
Local clock offset: 1.929 ms
Remote clock offset: -2.836 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 20.642 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 20.642 ms
Loss rate: 0.86%
```

Run 9: Report of KohoCC — Data Link

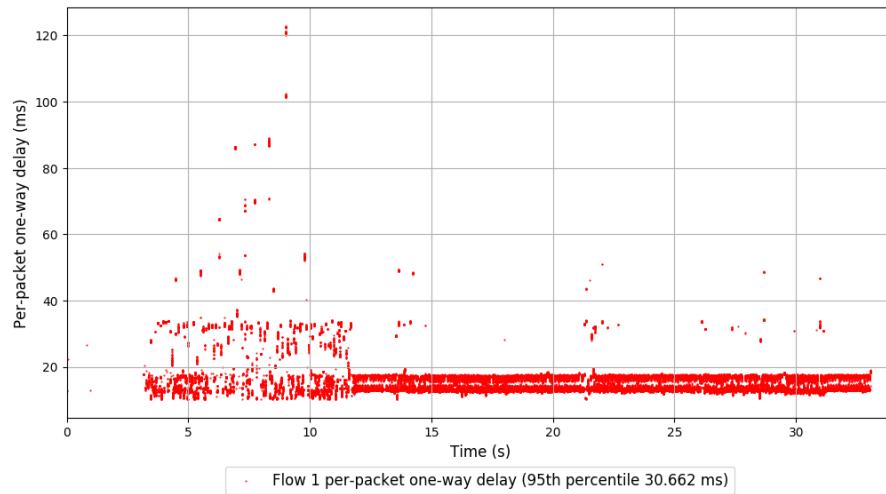
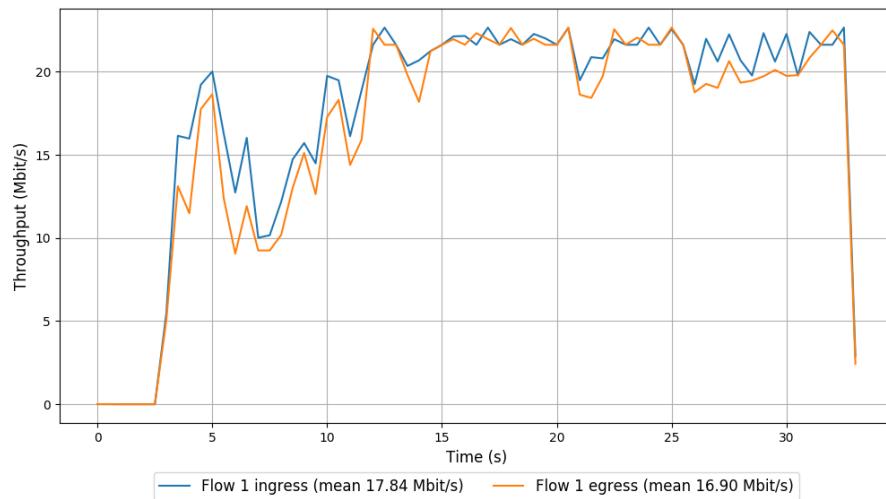


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 05:18:57 +0000
End at: Fri, 16 Jun 2017 05:19:27 +0000
Local clock offset: 3.87 ms
Remote clock offset: -1.746 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 5.30%
-- Flow 1:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 5.30%
```

Run 10: Report of KohoCC — Data Link

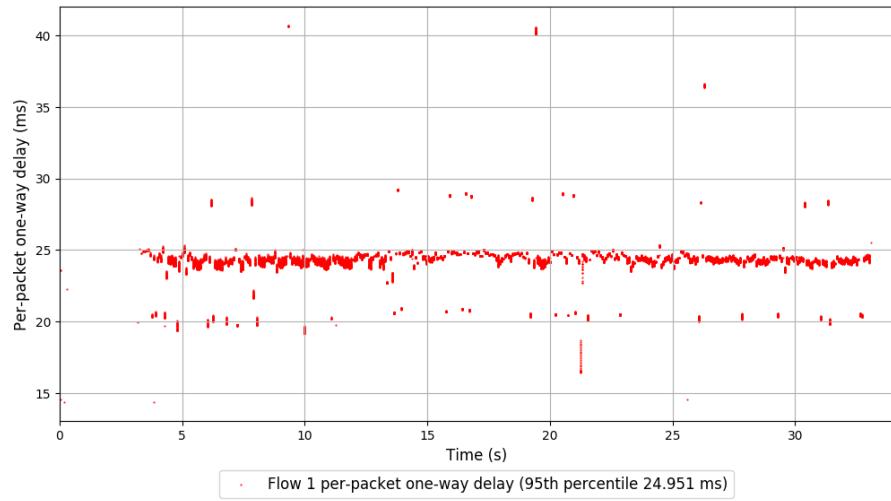
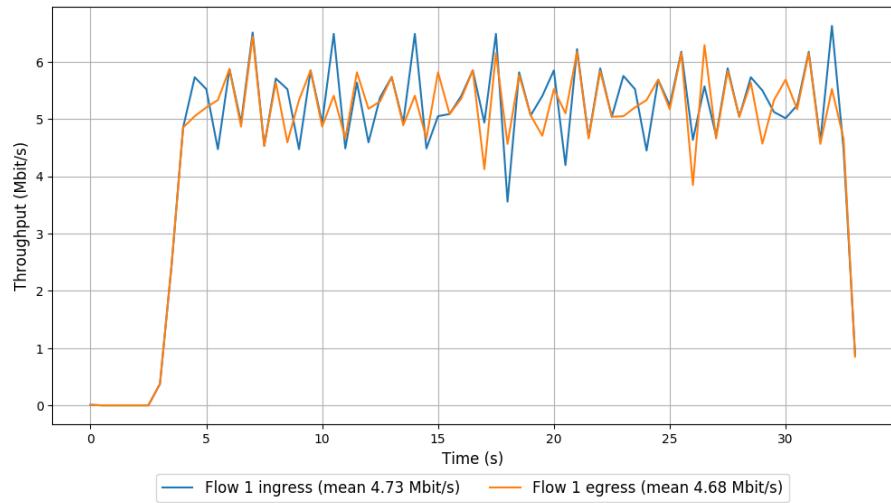


```
Run 1: Statistics of LEDBAT
```

```
Start at: Fri, 16 Jun 2017 02:30:09 +0000
End at: Fri, 16 Jun 2017 02:30:39 +0000
Local clock offset: 5.494 ms
Remote clock offset: -0.599 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 24.951 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 24.951 ms
Loss rate: 0.96%
```

Run 1: Report of LEDBAT — Data Link

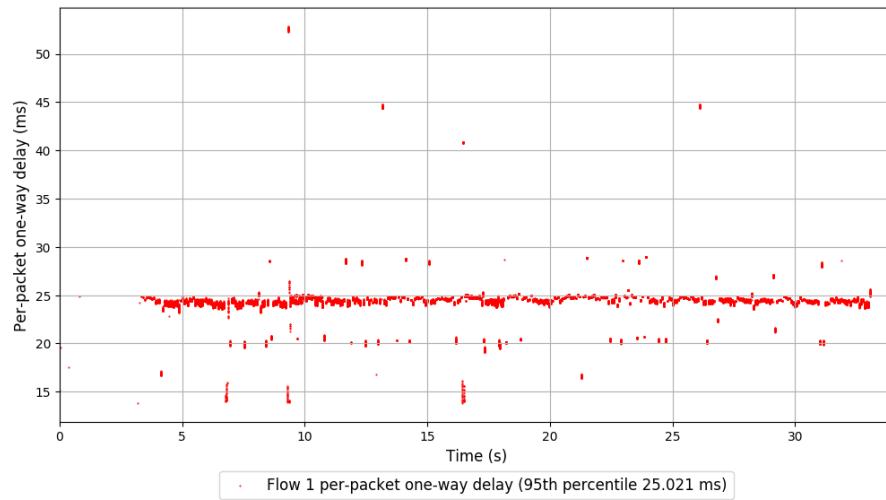
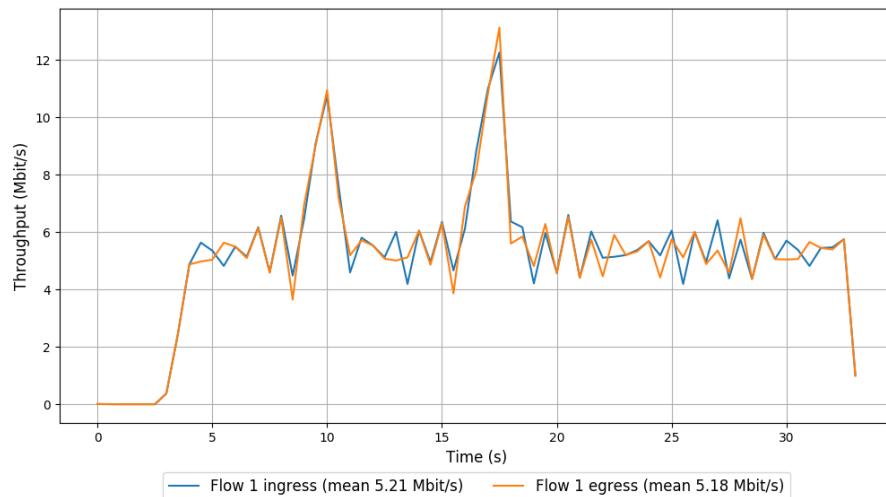


Run 2: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:48:34 +0000
End at: Fri, 16 Jun 2017 02:49:04 +0000
Local clock offset: 0.468 ms
Remote clock offset: -2.518 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 25.021 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 25.021 ms
Loss rate: 0.53%
```

Run 2: Report of LEDBAT — Data Link

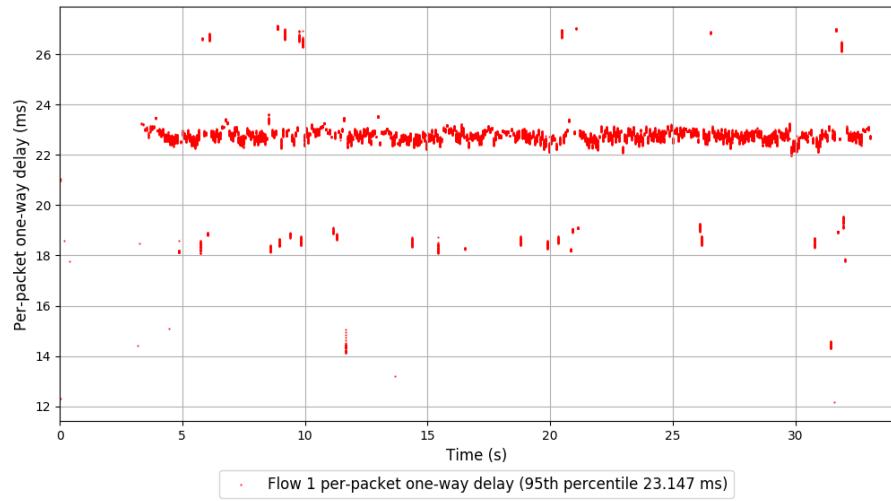
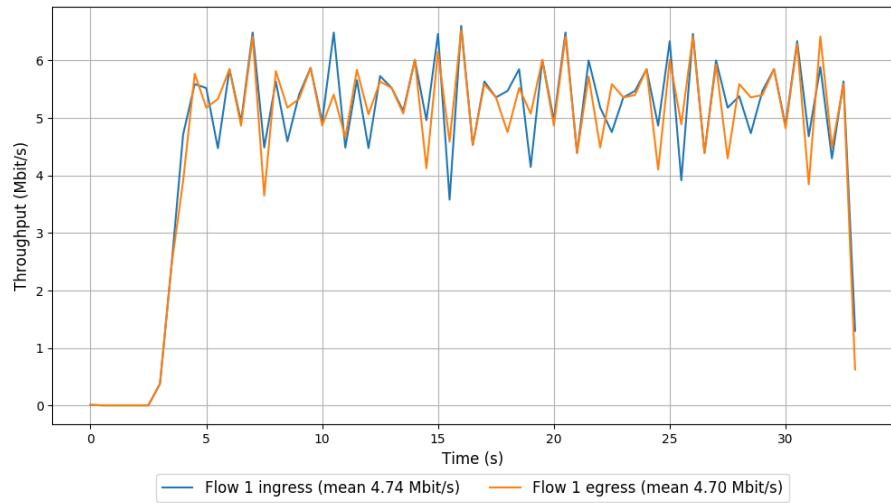


Run 3: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:06:44 +0000
End at: Fri, 16 Jun 2017 03:07:14 +0000
Local clock offset: -0.056 ms
Remote clock offset: -2.181 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 23.147 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 23.147 ms
Loss rate: 0.89%
```

Run 3: Report of LEDBAT — Data Link

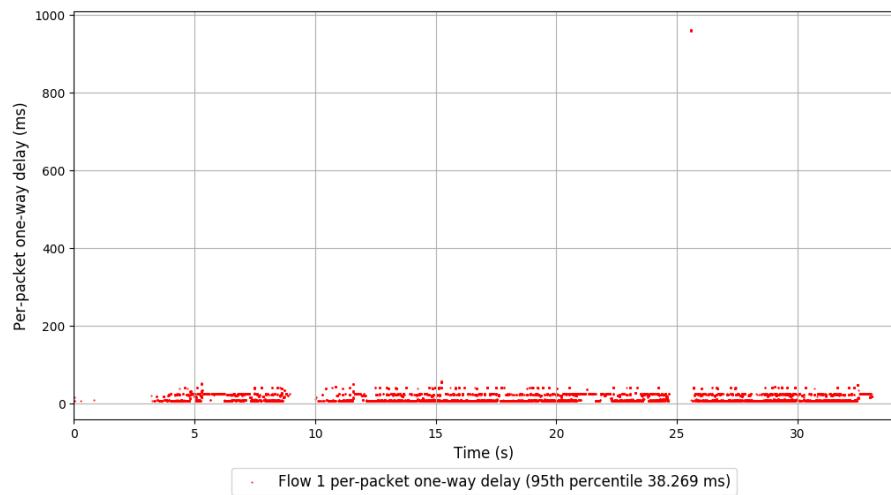
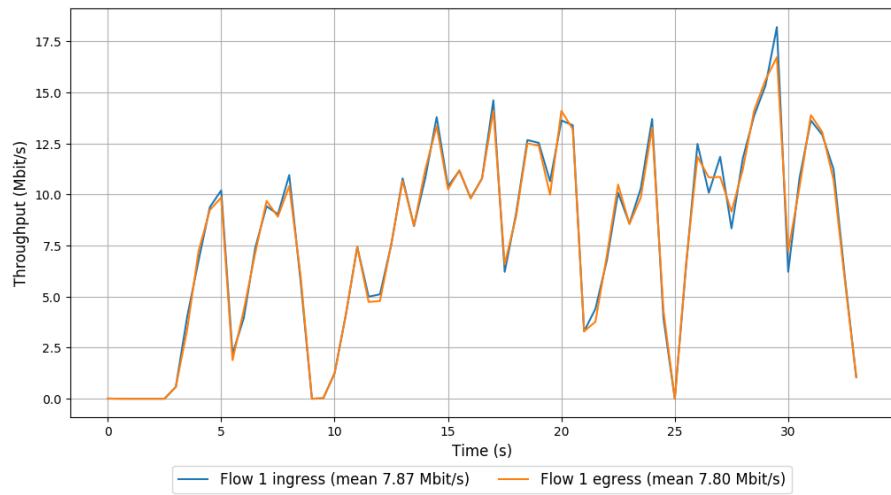


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:25:33 +0000
End at: Fri, 16 Jun 2017 03:26:03 +0000
Local clock offset: 1.731 ms
Remote clock offset: -3.776 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.80 Mbit/s
95th percentile per-packet one-way delay: 38.269 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 7.80 Mbit/s
95th percentile per-packet one-way delay: 38.269 ms
Loss rate: 0.84%
```

Run 4: Report of LEDBAT — Data Link

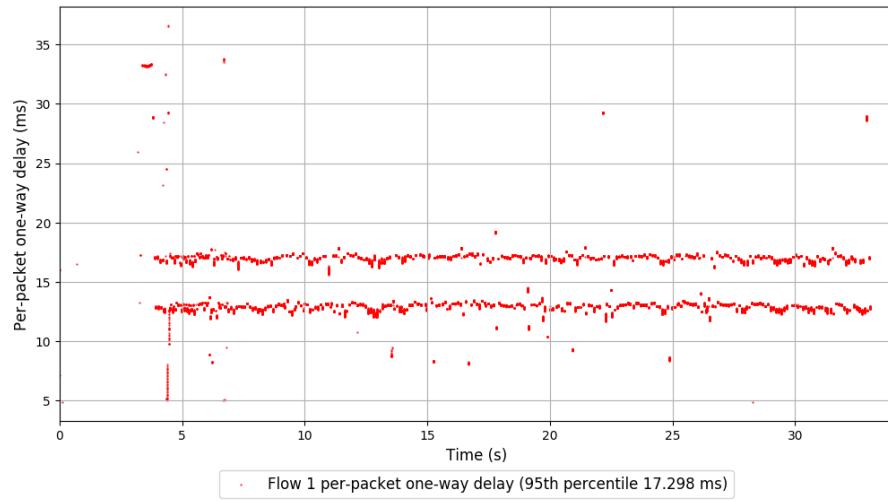
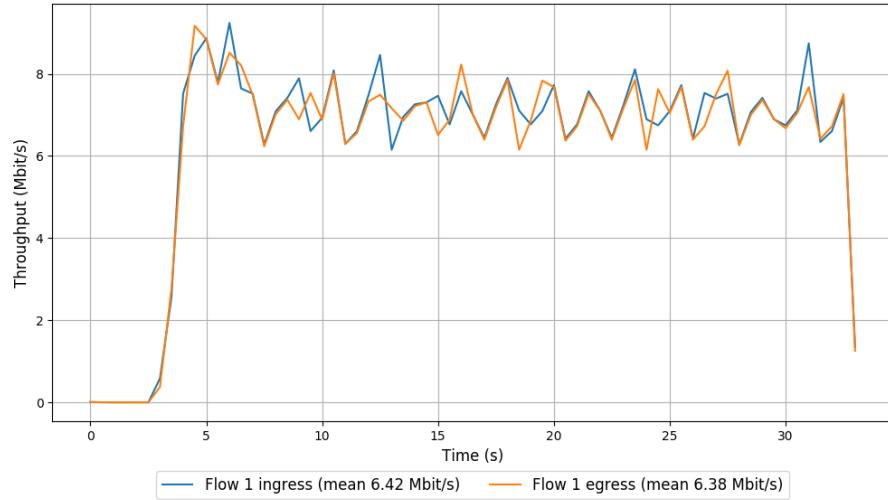


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:43:50 +0000
End at: Fri, 16 Jun 2017 03:44:20 +0000
Local clock offset: 1.533 ms
Remote clock offset: -4.172 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 17.298 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 17.298 ms
Loss rate: 0.78%
```

Run 5: Report of LEDBAT — Data Link

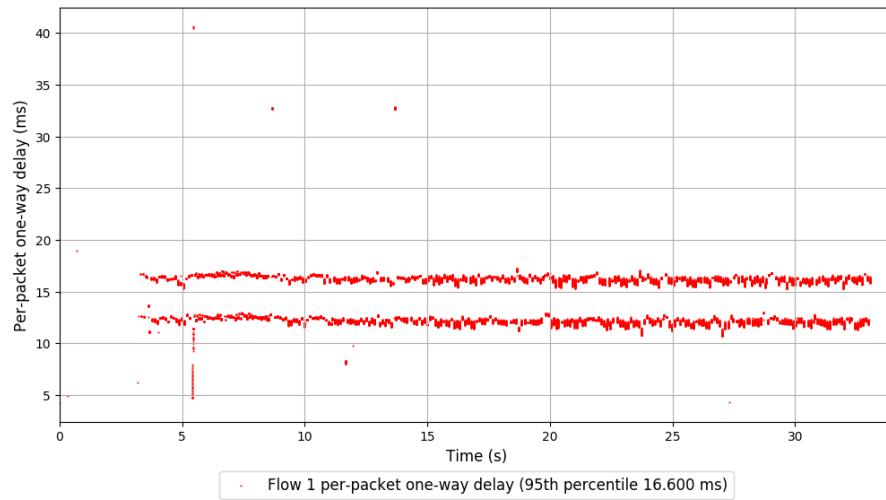
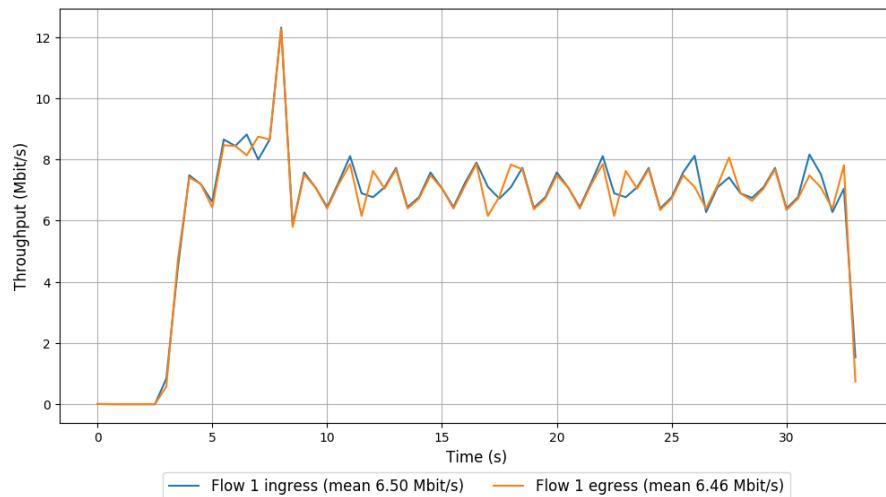


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:02:10 +0000
End at: Fri, 16 Jun 2017 04:02:40 +0000
Local clock offset: 0.767 ms
Remote clock offset: -4.465 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.46 Mbit/s
95th percentile per-packet one-way delay: 16.600 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 6.46 Mbit/s
95th percentile per-packet one-way delay: 16.600 ms
Loss rate: 0.85%
```

Run 6: Report of LEDBAT — Data Link

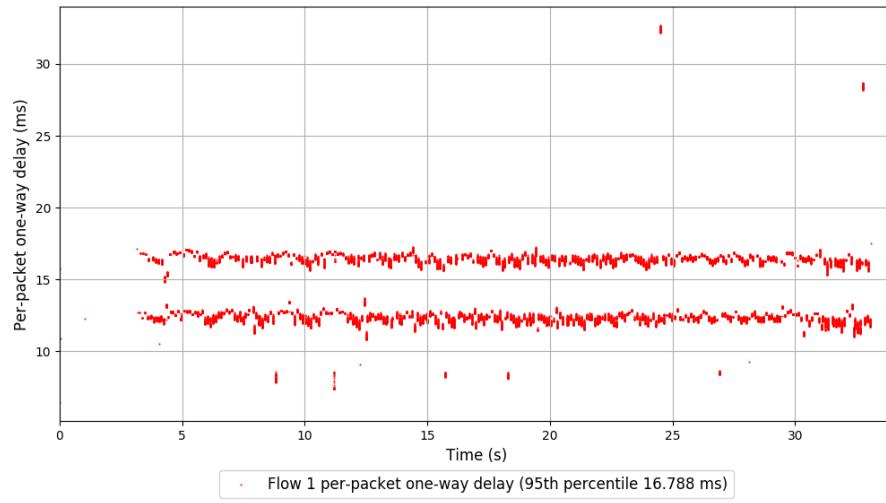
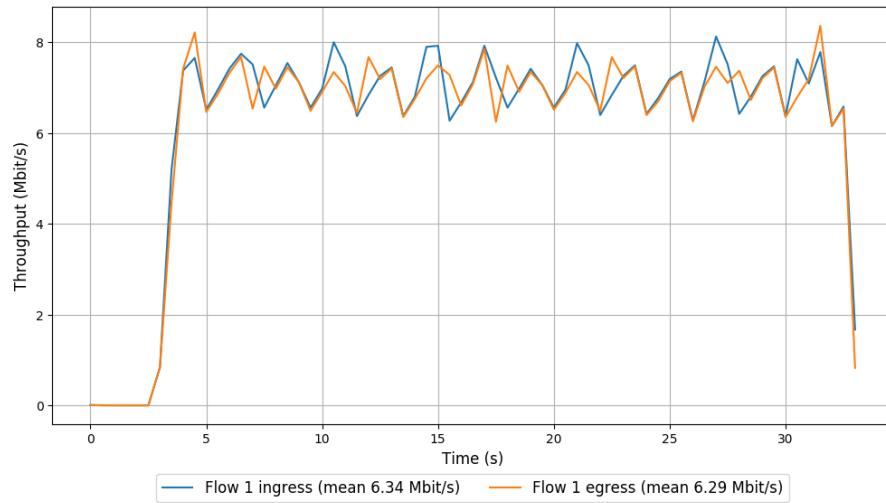


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:20:32 +0000
End at: Fri, 16 Jun 2017 04:21:02 +0000
Local clock offset: 2.81 ms
Remote clock offset: -4.08 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 16.788 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 16.788 ms
Loss rate: 0.87%
```

Run 7: Report of LEDBAT — Data Link

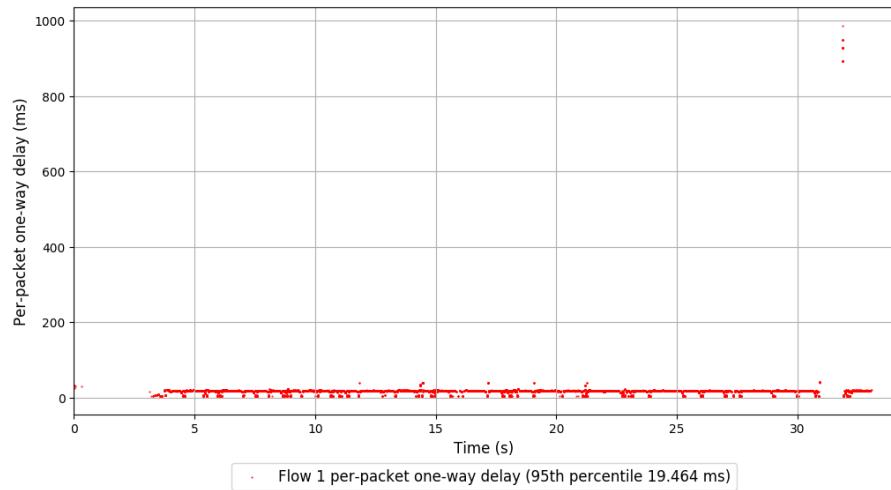
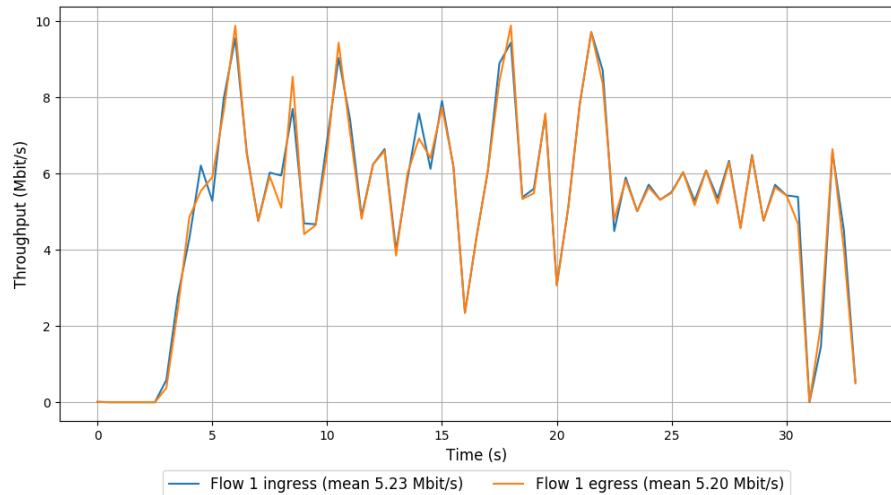


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:38:42 +0000
End at: Fri, 16 Jun 2017 04:39:12 +0000
Local clock offset: 1.844 ms
Remote clock offset: -5.204 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 19.464 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 19.464 ms
Loss rate: 0.81%
```

Run 8: Report of LEDBAT — Data Link

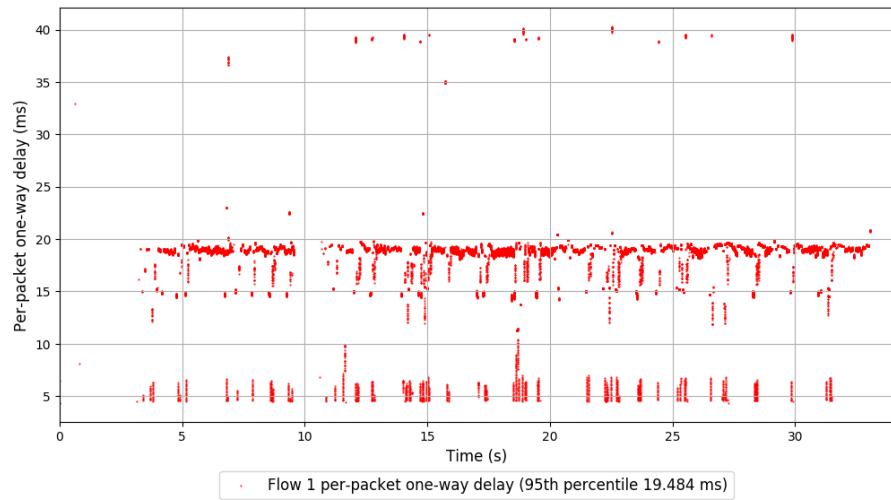
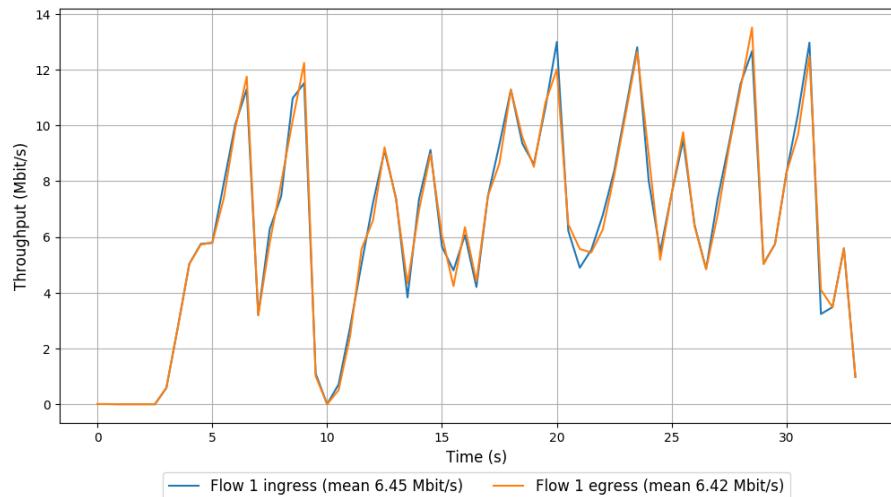


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:57:38 +0000
End at: Fri, 16 Jun 2017 04:58:08 +0000
Local clock offset: 3.841 ms
Remote clock offset: -3.717 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 19.484 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 19.484 ms
Loss rate: 0.42%
```

Run 9: Report of LEDBAT — Data Link

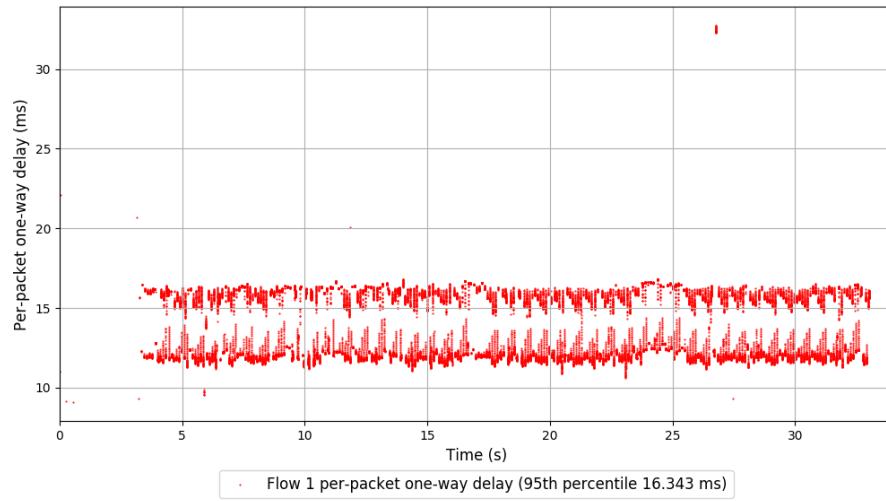
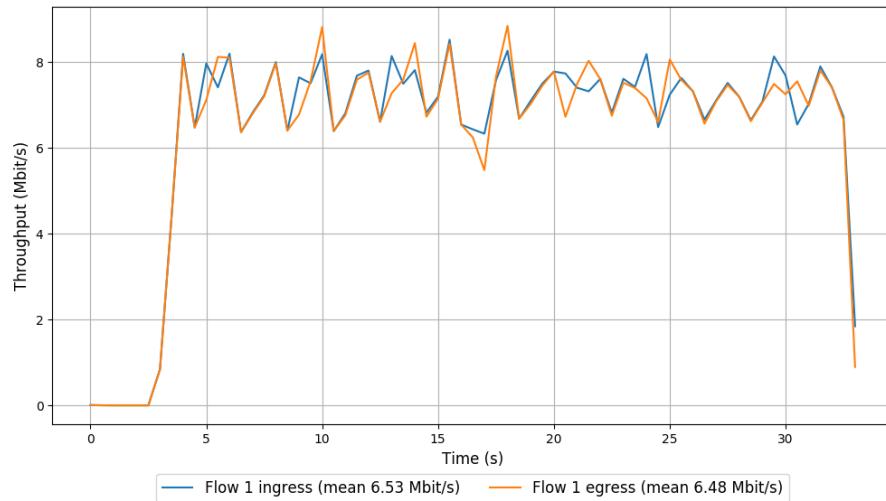


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 05:16:17 +0000
End at: Fri, 16 Jun 2017 05:16:48 +0000
Local clock offset: 1.754 ms
Remote clock offset: -1.935 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 16.343 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 16.343 ms
Loss rate: 0.83%
```

Run 10: Report of LEDBAT — Data Link

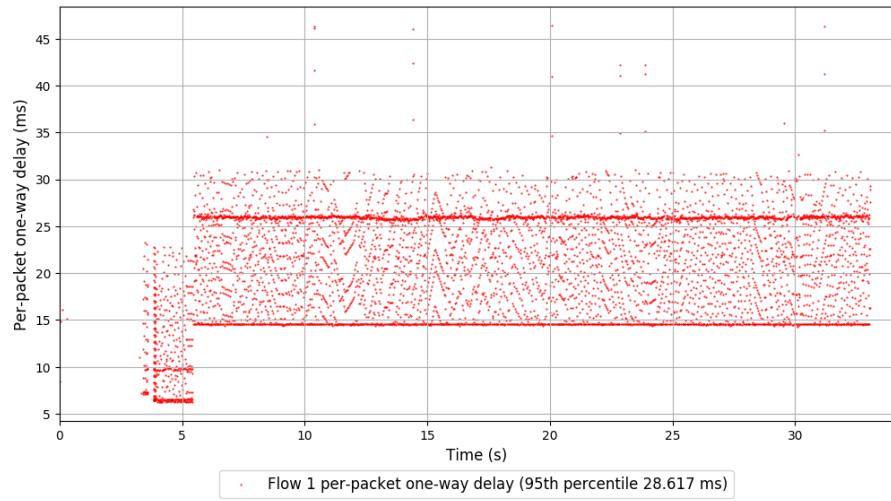
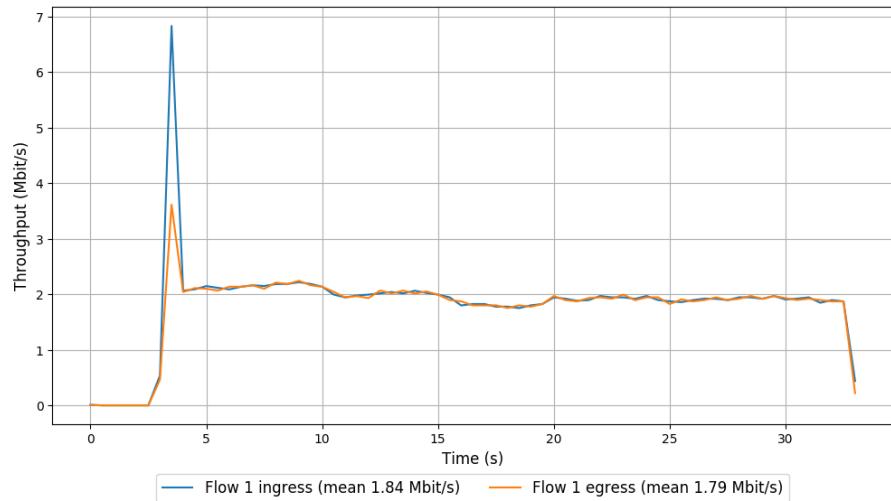


Run 1: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:29:01 +0000
End at: Fri, 16 Jun 2017 02:29:31 +0000
Local clock offset: 3.76 ms
Remote clock offset: -0.846 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 28.617 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 28.617 ms
Loss rate: 2.92%
```

Run 1: Report of PCC — Data Link

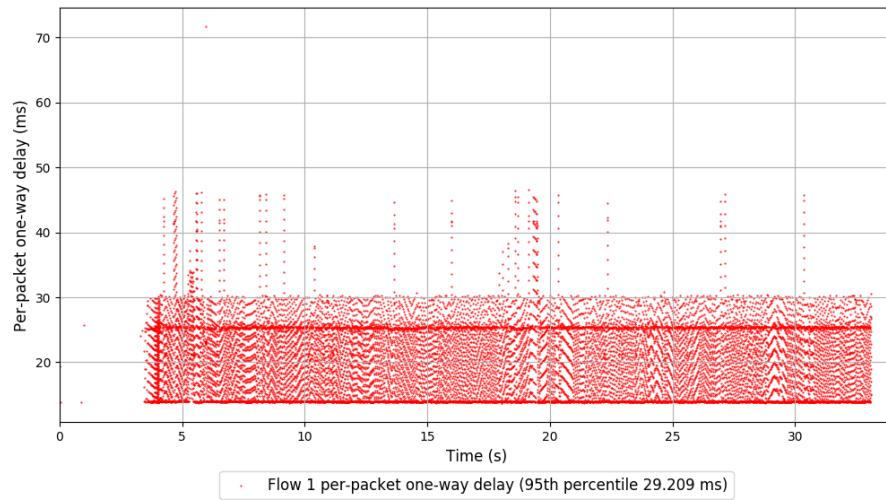
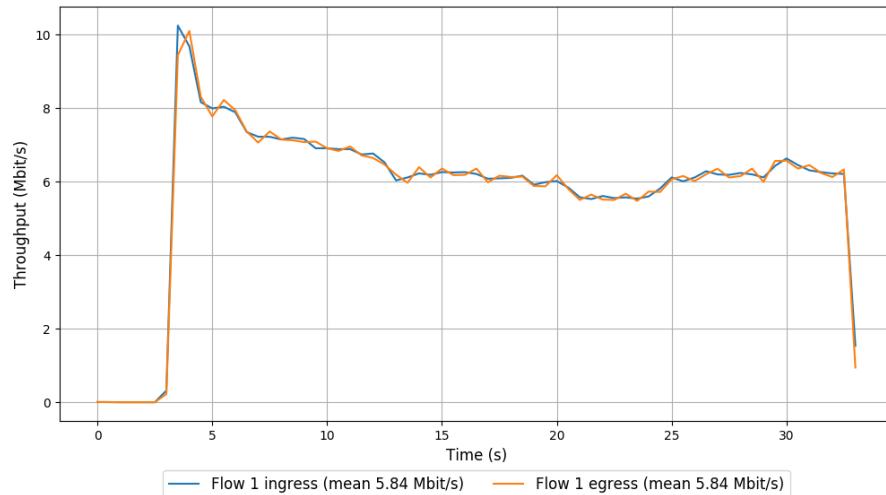


Run 2: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:47:24 +0000
End at: Fri, 16 Jun 2017 02:47:54 +0000
Local clock offset: 2.939 ms
Remote clock offset: -0.946 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 29.209 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 29.209 ms
Loss rate: 0.22%
```

Run 2: Report of PCC — Data Link

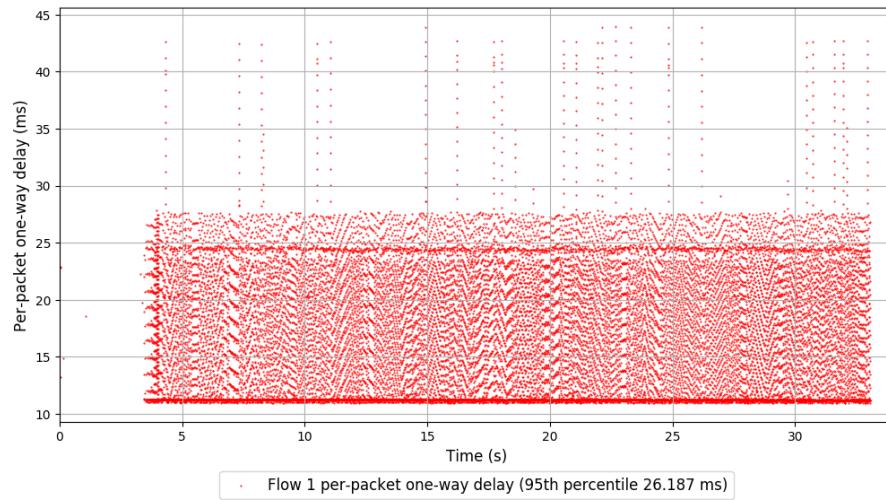
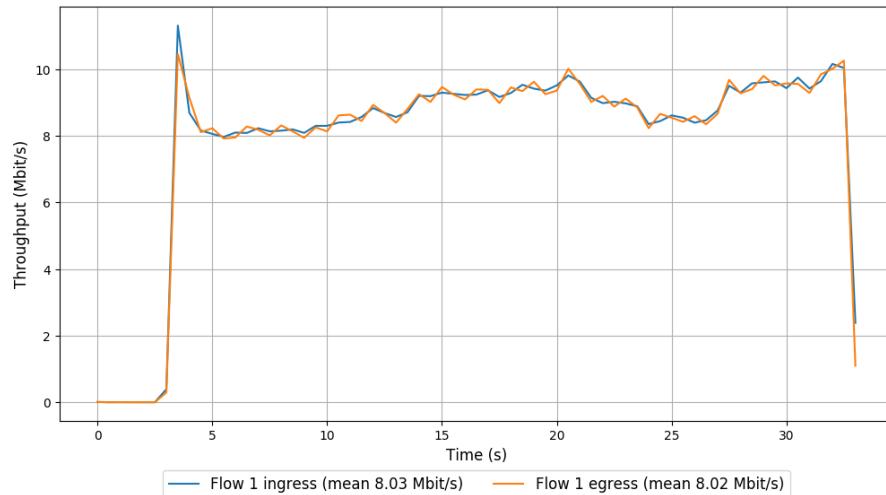


Run 3: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:05:33 +0000
End at: Fri, 16 Jun 2017 03:06:03 +0000
Local clock offset: 6.045 ms
Remote clock offset: -2.707 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 26.187 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 26.187 ms
Loss rate: 0.33%
```

Run 3: Report of PCC — Data Link

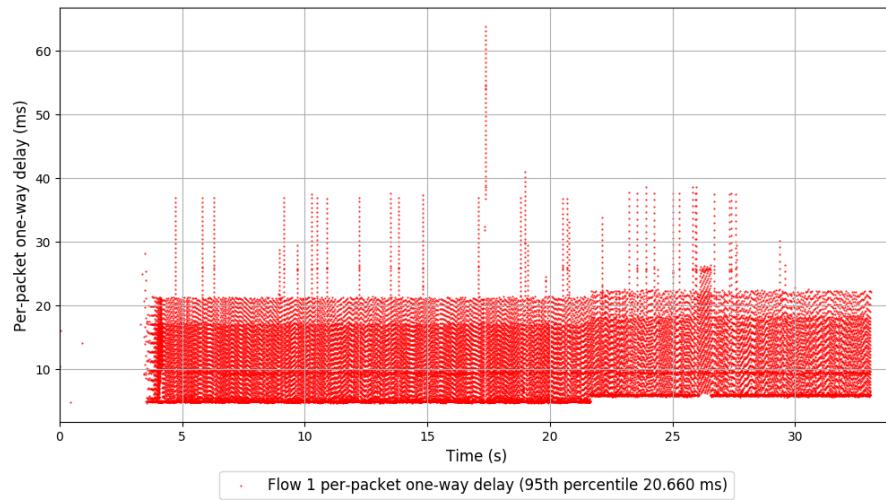
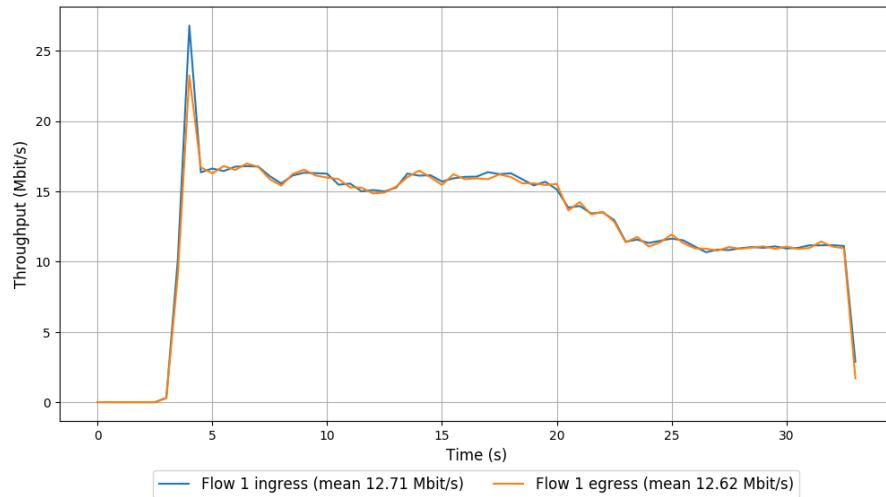


Run 4: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:24:22 +0000
End at: Fri, 16 Jun 2017 03:24:52 +0000
Local clock offset: 6.089 ms
Remote clock offset: -3.138 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 20.660 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 20.660 ms
Loss rate: 0.85%
```

Run 4: Report of PCC — Data Link

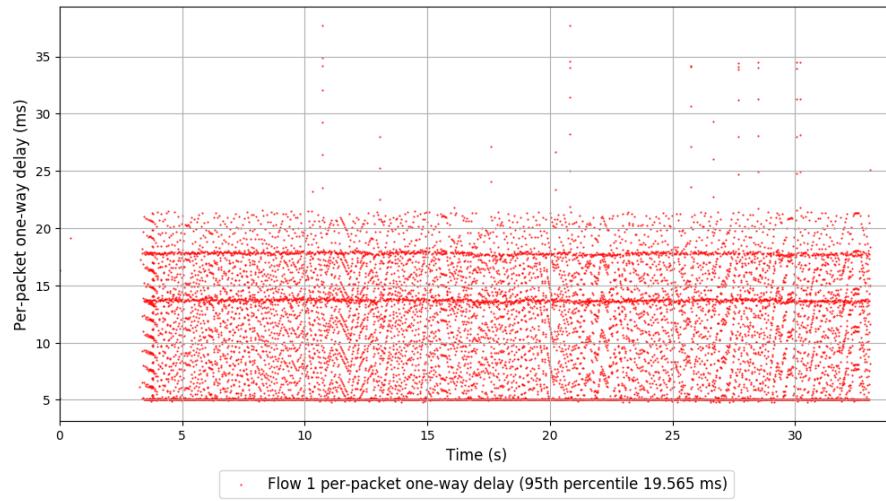
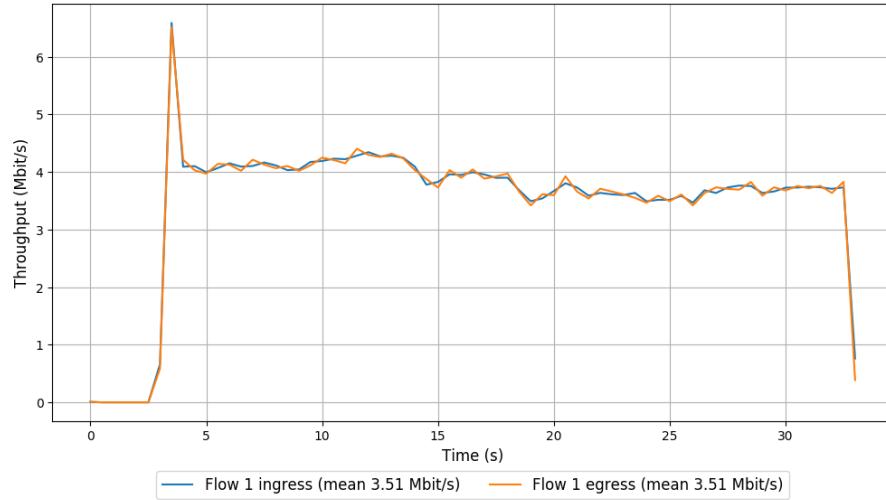


Run 5: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:42:42 +0000
End at: Fri, 16 Jun 2017 03:43:12 +0000
Local clock offset: 4.984 ms
Remote clock offset: -3.914 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 19.565 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 19.565 ms
Loss rate: 0.18%
```

Run 5: Report of PCC — Data Link

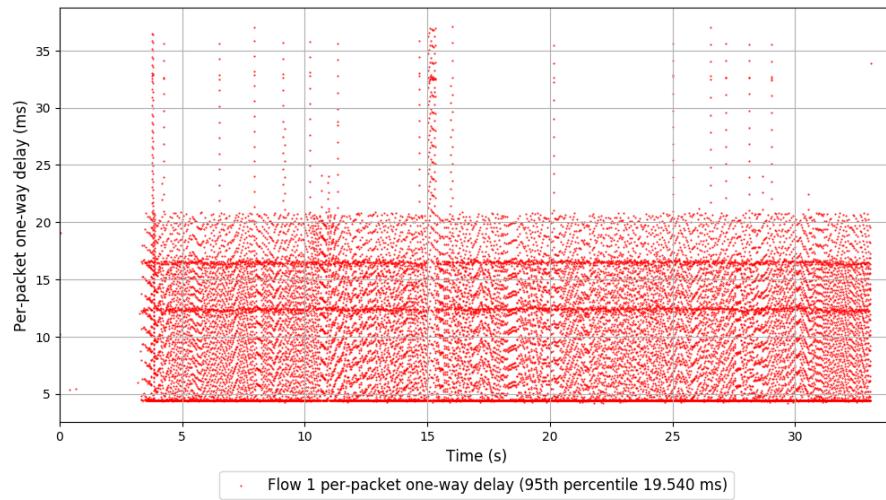
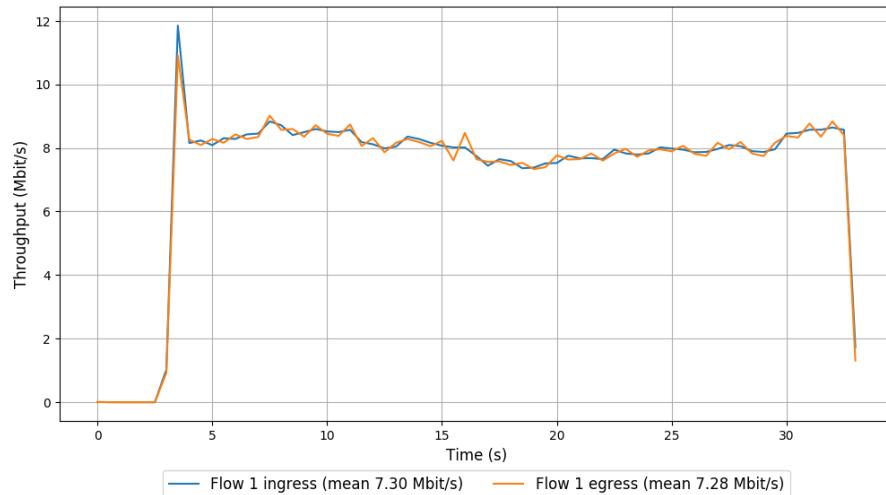


Run 6: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:01:02 +0000
End at: Fri, 16 Jun 2017 04:01:32 +0000
Local clock offset: 0.732 ms
Remote clock offset: -4.632 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 19.540 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 19.540 ms
Loss rate: 0.31%
```

Run 6: Report of PCC — Data Link

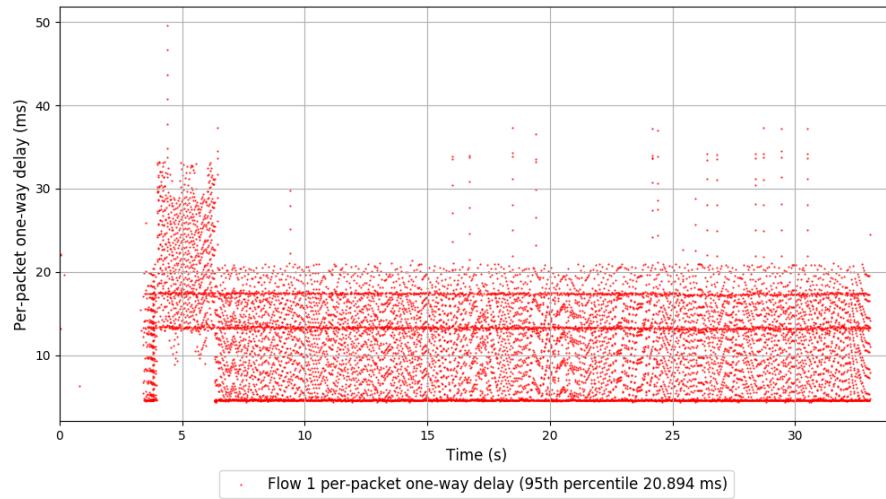
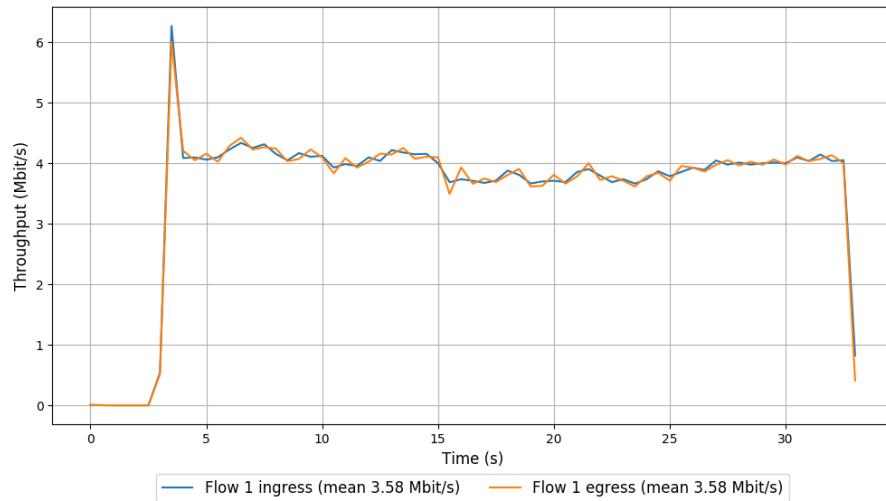


Run 7: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:19:23 +0000
End at: Fri, 16 Jun 2017 04:19:53 +0000
Local clock offset: -0.823 ms
Remote clock offset: -4.465 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 20.894 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 20.894 ms
Loss rate: 0.20%
```

Run 7: Report of PCC — Data Link

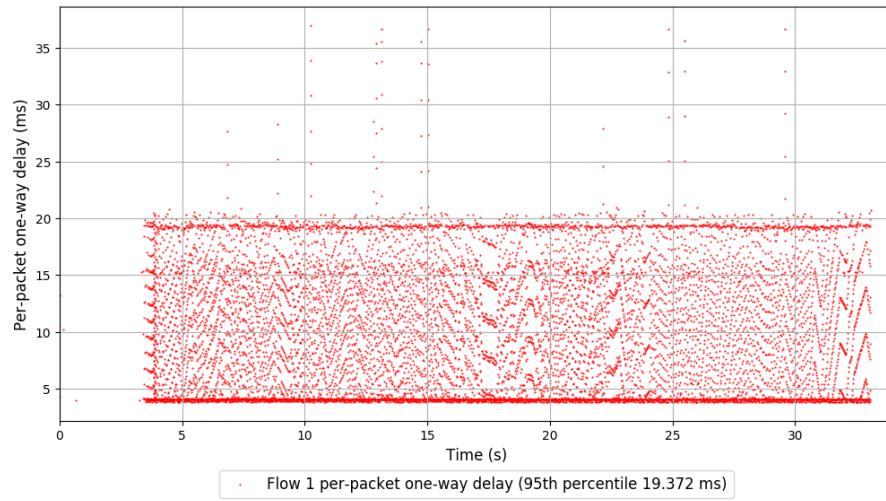
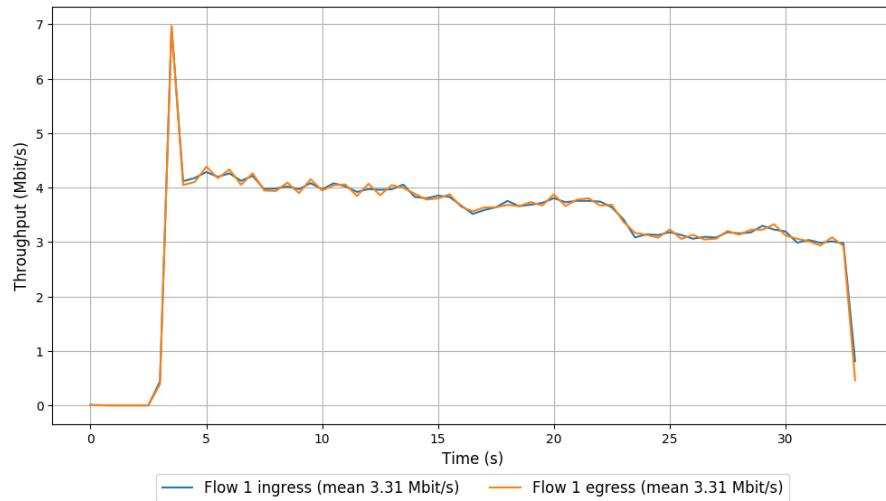


Run 8: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:37:33 +0000
End at: Fri, 16 Jun 2017 04:38:03 +0000
Local clock offset: 0.945 ms
Remote clock offset: -4.247 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.31 Mbit/s
95th percentile per-packet one-way delay: 19.372 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 3.31 Mbit/s
95th percentile per-packet one-way delay: 19.372 ms
Loss rate: 0.19%
```

Run 8: Report of PCC — Data Link

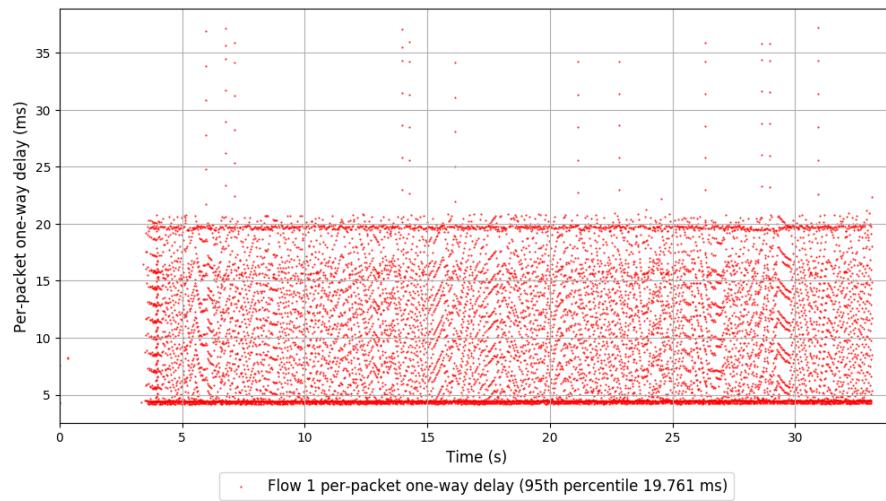
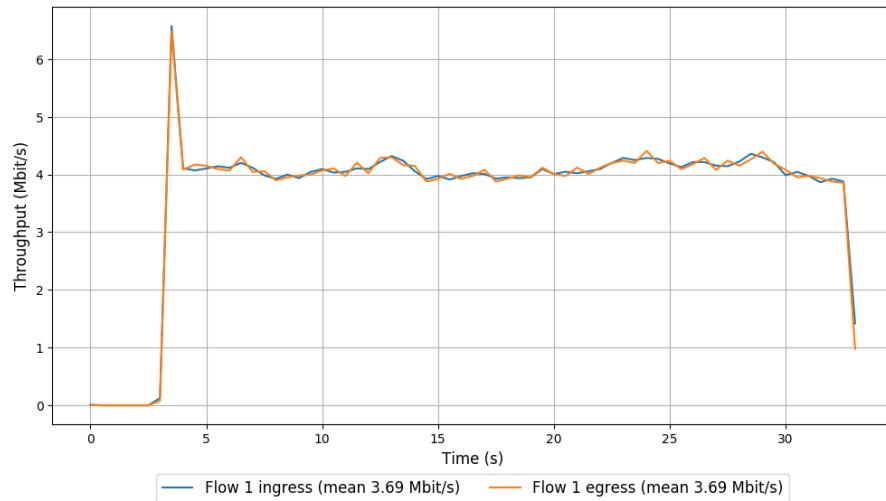


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:56:29 +0000
End at: Fri, 16 Jun 2017 04:56:59 +0000
Local clock offset: 5.757 ms
Remote clock offset: -4.071 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 19.761 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 19.761 ms
Loss rate: 0.23%
```

Run 9: Report of PCC — Data Link

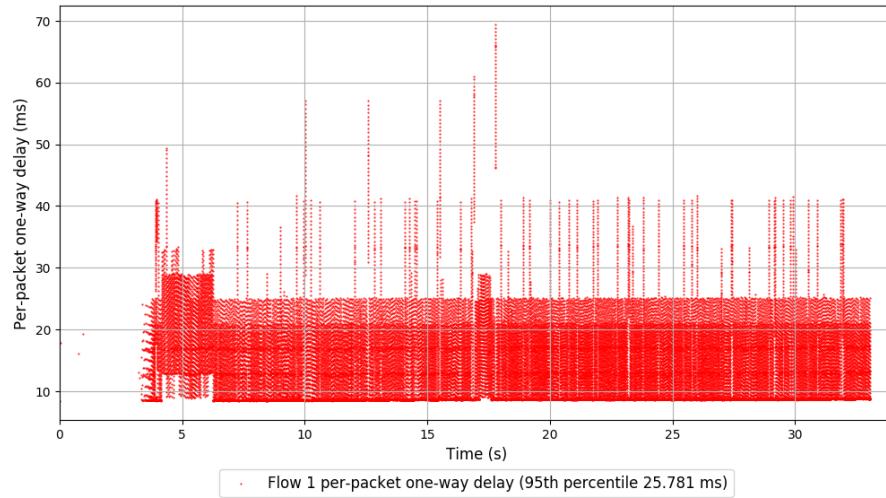
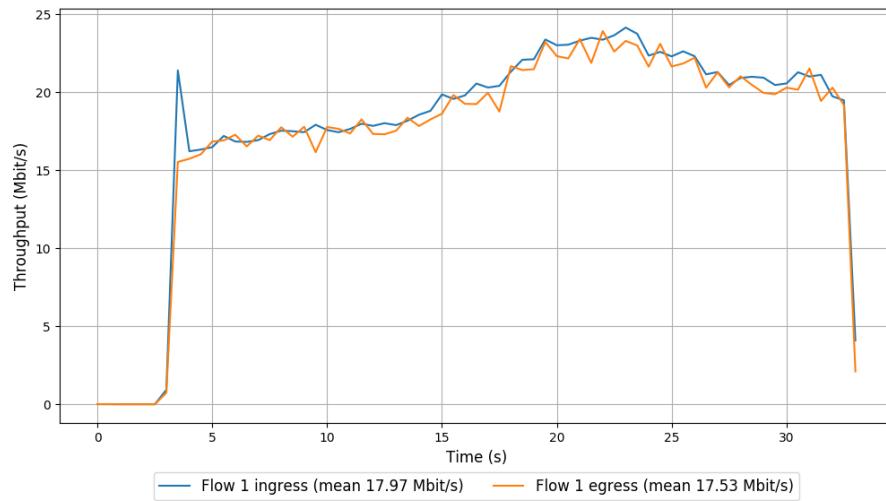


Run 10: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 05:15:04 +0000
End at: Fri, 16 Jun 2017 05:15:34 +0000
Local clock offset: -0.658 ms
Remote clock offset: -2.484 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.53 Mbit/s
95th percentile per-packet one-way delay: 25.781 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 17.53 Mbit/s
95th percentile per-packet one-way delay: 25.781 ms
Loss rate: 2.58%
```

Run 10: Report of PCC — Data Link

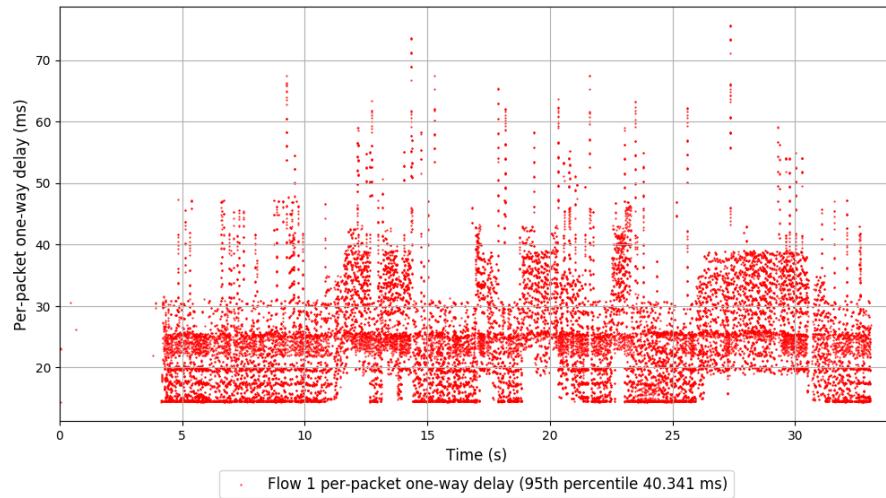
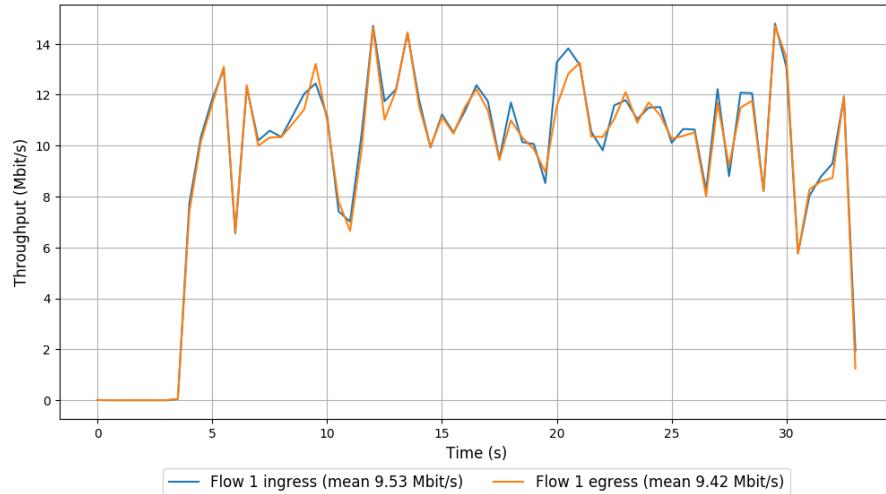


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:35:23 +0000
End at: Fri, 16 Jun 2017 02:35:53 +0000
Local clock offset: 2.512 ms
Remote clock offset: -0.826 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 40.341 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 40.341 ms
Loss rate: 1.39%
```

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

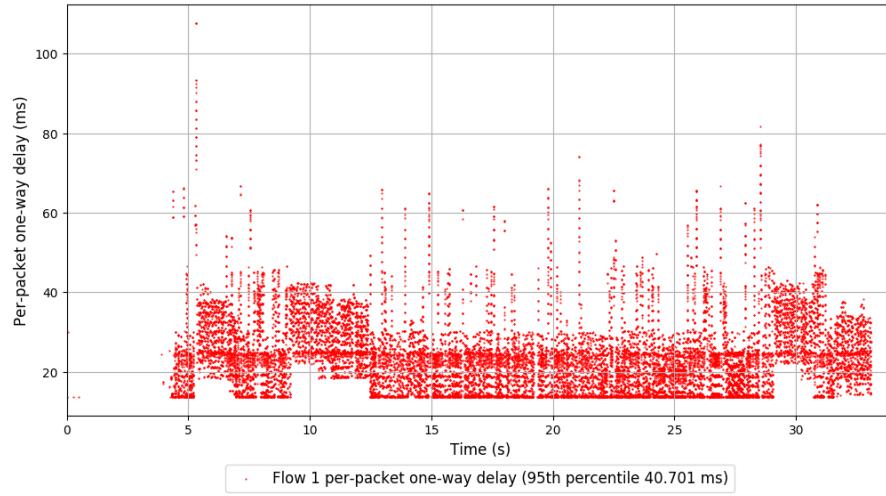
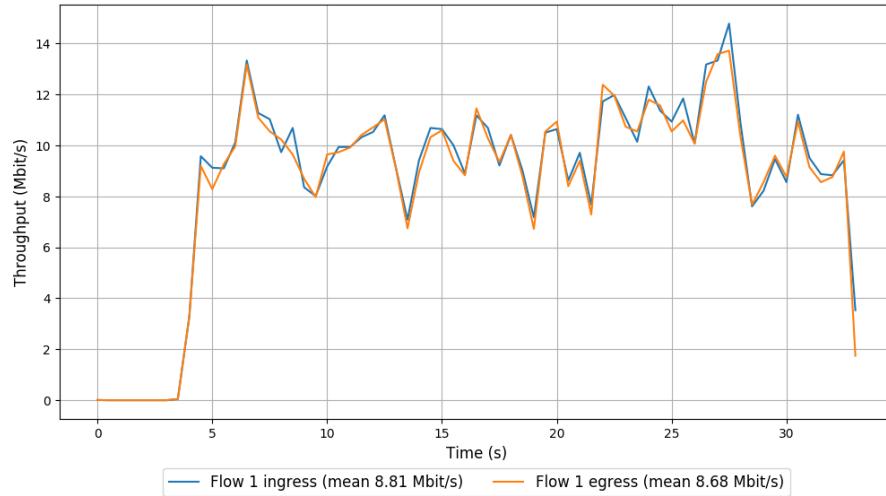


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:53:43 +0000
End at: Fri, 16 Jun 2017 02:54:13 +0000
Local clock offset: 2.413 ms
Remote clock offset: -2.199 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 40.701 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 40.701 ms
Loss rate: 1.67%
```

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

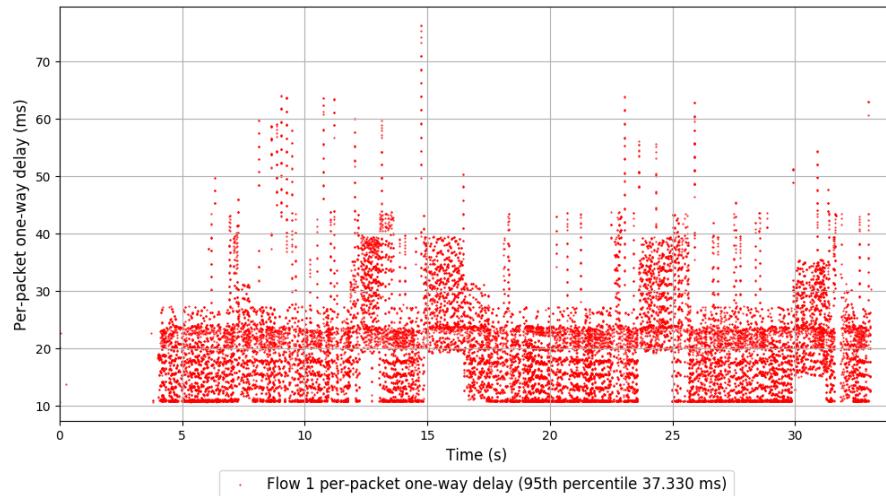
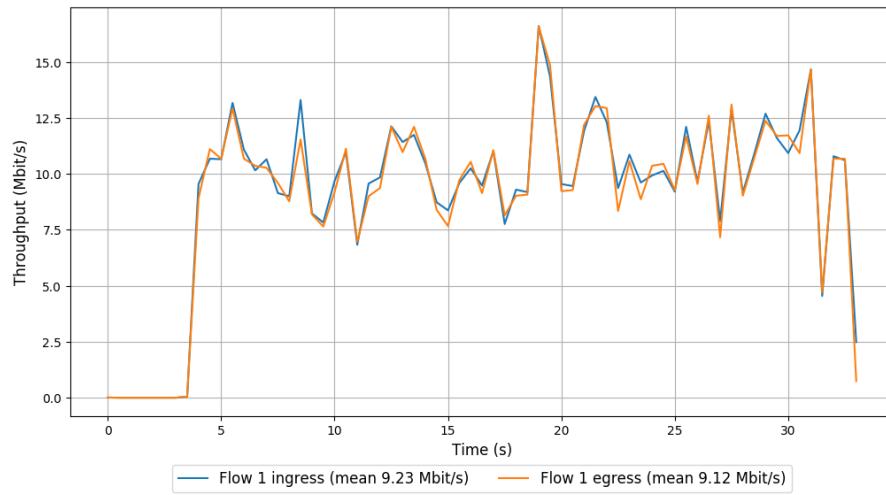


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:12:04 +0000
End at: Fri, 16 Jun 2017 03:12:34 +0000
Local clock offset: 1.567 ms
Remote clock offset: -3.078 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 37.330 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 37.330 ms
Loss rate: 1.43%
```

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

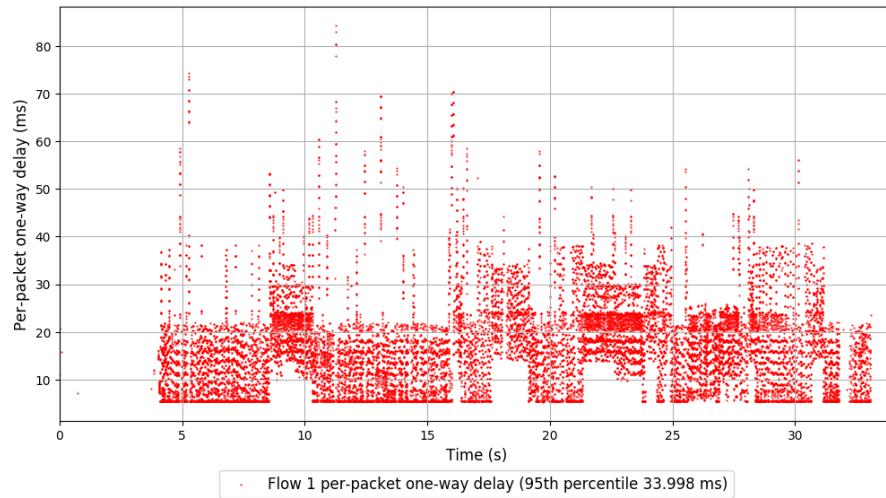
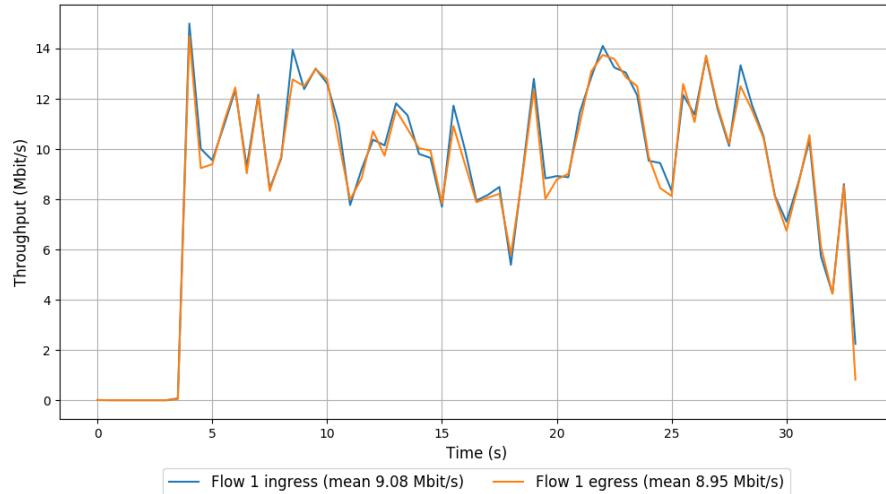


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:30:48 +0000
End at: Fri, 16 Jun 2017 03:31:18 +0000
Local clock offset: -1.675 ms
Remote clock offset: -3.662 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 33.998 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 33.998 ms
Loss rate: 1.59%
```

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

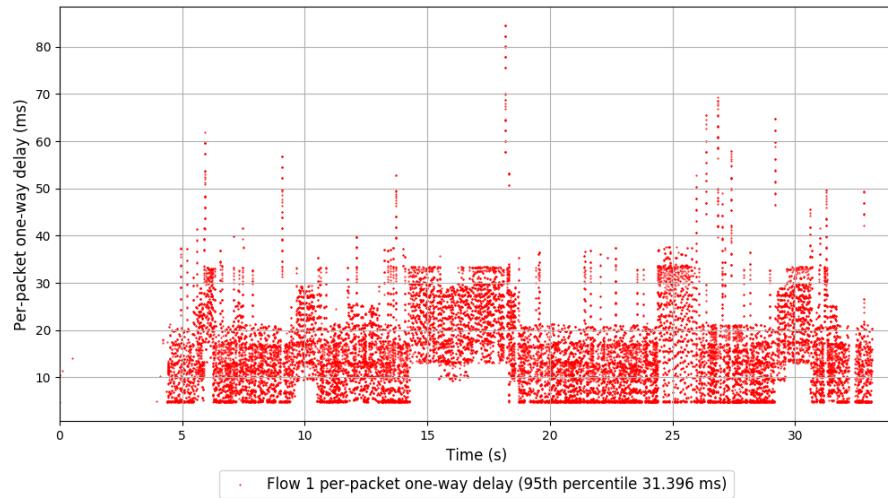
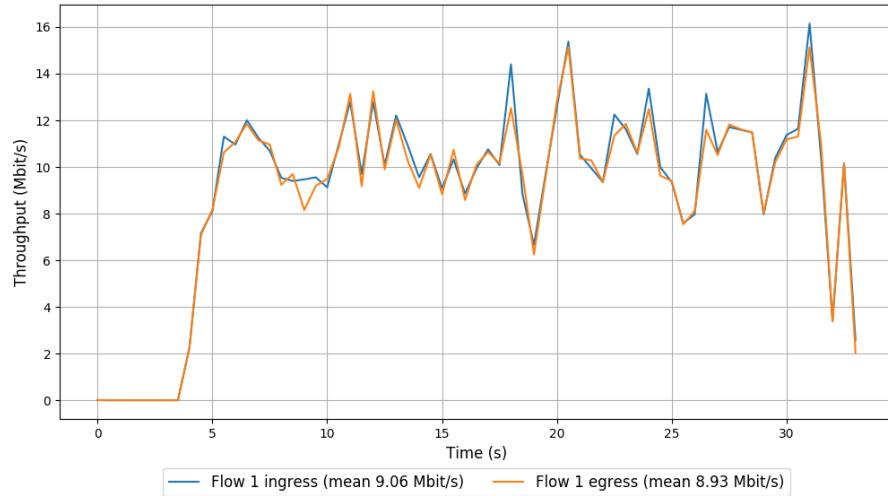


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:48:57 +0000
End at: Fri, 16 Jun 2017 03:49:27 +0000
Local clock offset: 4.549 ms
Remote clock offset: -4.146 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 31.396 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 31.396 ms
Loss rate: 1.59%
```

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

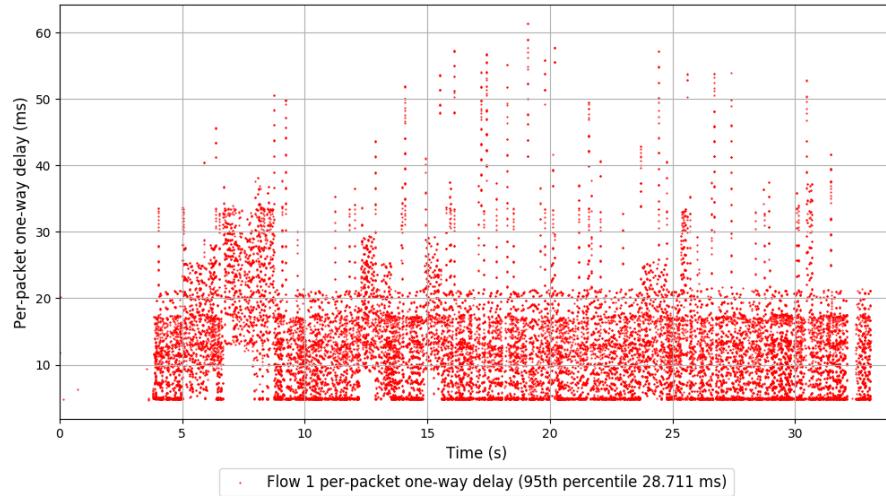
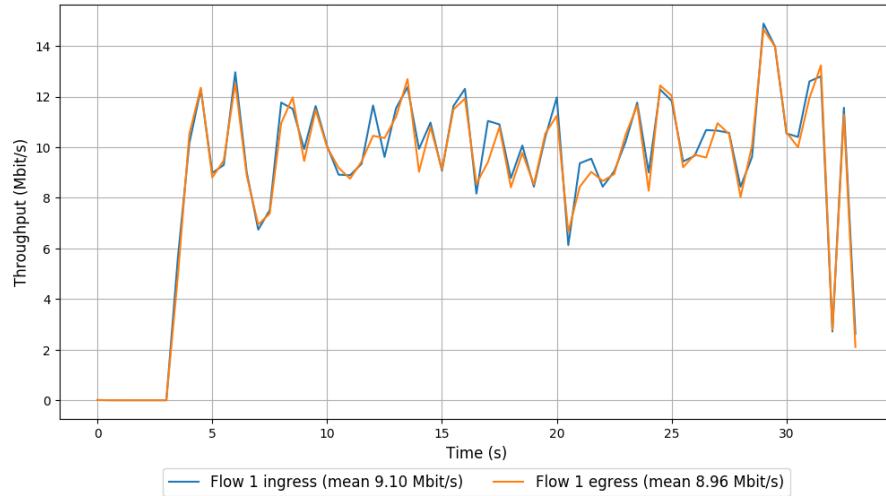


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:07:17 +0000
End at: Fri, 16 Jun 2017 04:07:47 +0000
Local clock offset: 3.505 ms
Remote clock offset: -3.729 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 28.711 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 28.711 ms
Loss rate: 1.61%
```

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 16 Jun 2017 04:25:45 +0000

End at: Fri, 16 Jun 2017 04:26:15 +0000

Local clock offset: 3.169 ms

Remote clock offset: -5.364 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:23:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 46.020 ms

Loss rate: 1.87%

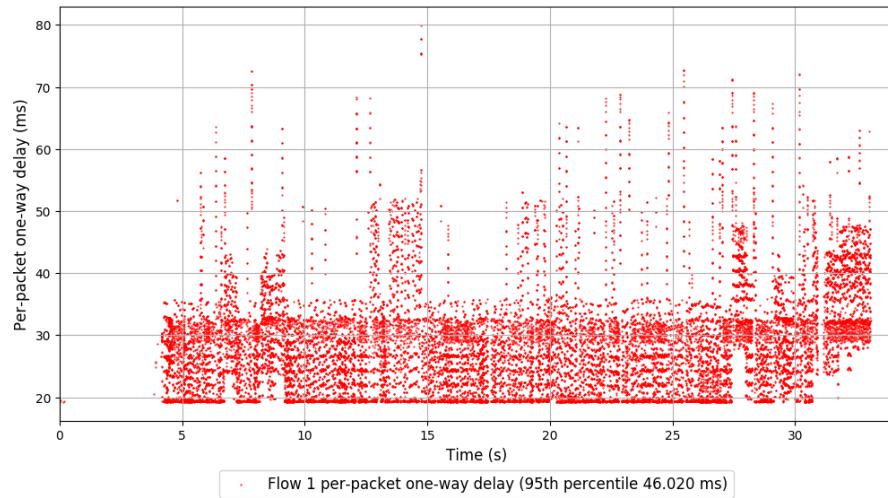
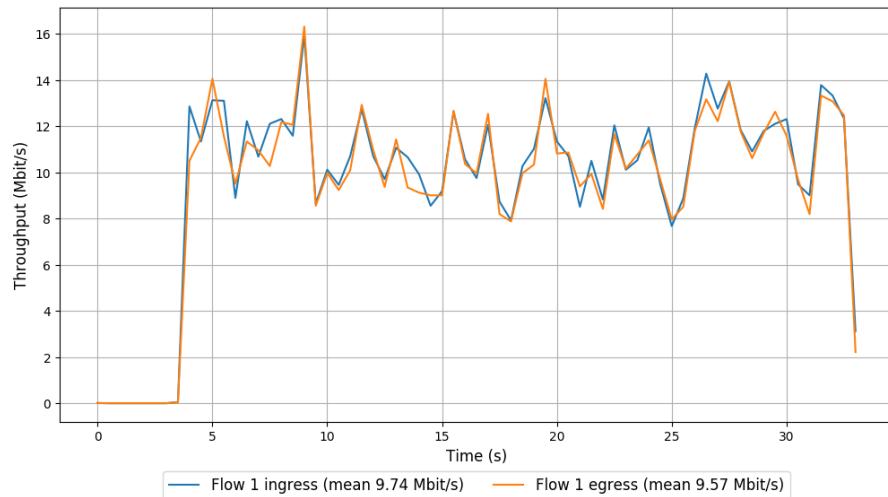
-- Flow 1:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 46.020 ms

Loss rate: 1.87%

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

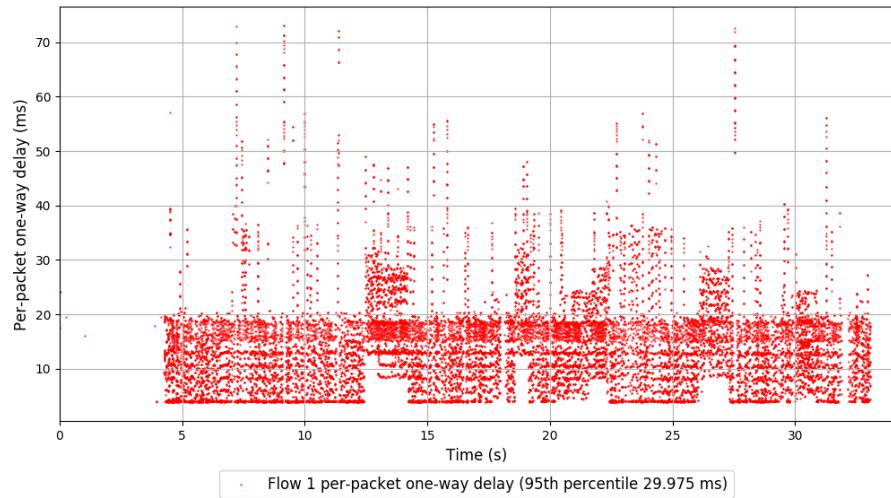
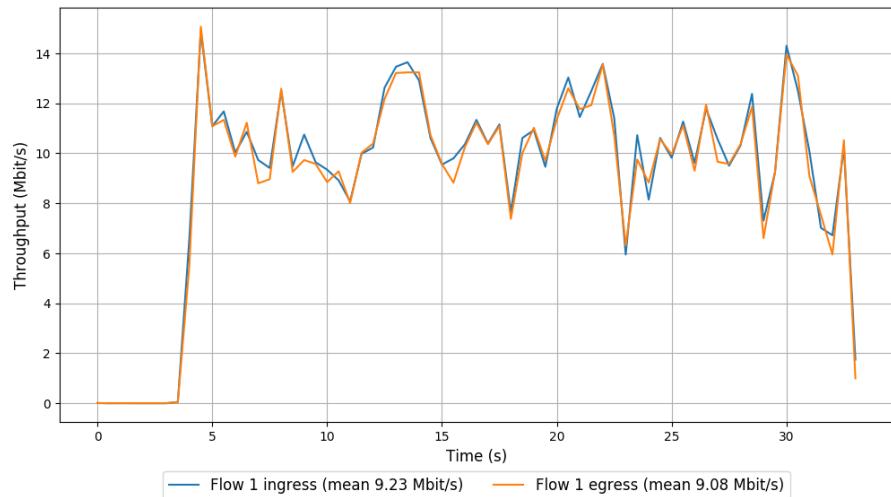


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:44:08 +0000
End at: Fri, 16 Jun 2017 04:44:38 +0000
Local clock offset: 5.126 ms
Remote clock offset: -5.164 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 29.975 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 29.975 ms
Loss rate: 1.88%
```

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

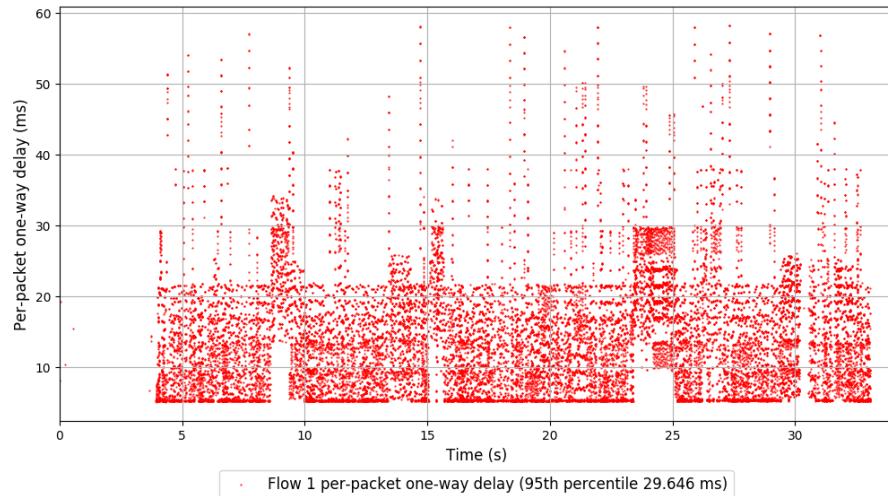
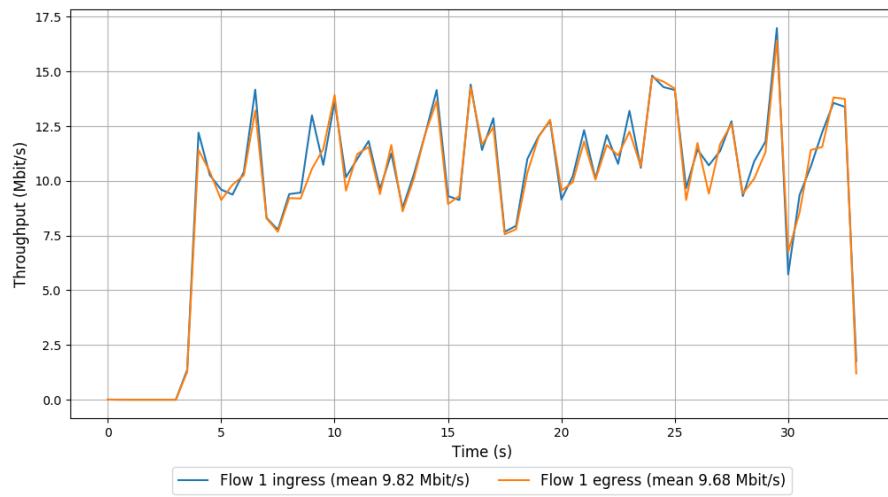


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 05:02:59 +0000
End at: Fri, 16 Jun 2017 05:03:29 +0000
Local clock offset: 3.953 ms
Remote clock offset: -3.174 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.68 Mbit/s
95th percentile per-packet one-way delay: 29.646 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 9.68 Mbit/s
95th percentile per-packet one-way delay: 29.646 ms
Loss rate: 1.60%
```

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



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

```
Start at: Fri, 16 Jun 2017 05:21:41 +0000
```

```
End at: Fri, 16 Jun 2017 05:22:11 +0000
```

```
Local clock offset: 1.526 ms
```

```
Remote clock offset: -1.537 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:16 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.500 ms
```

```
Loss rate: 1.61%
```

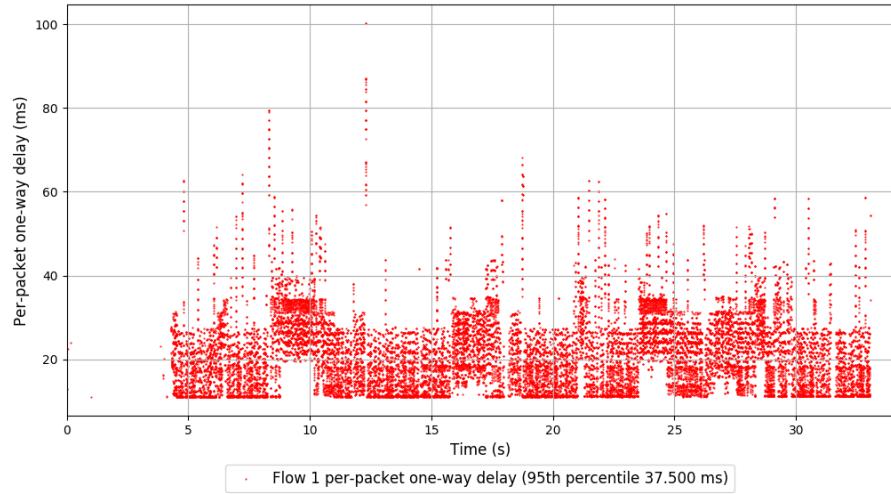
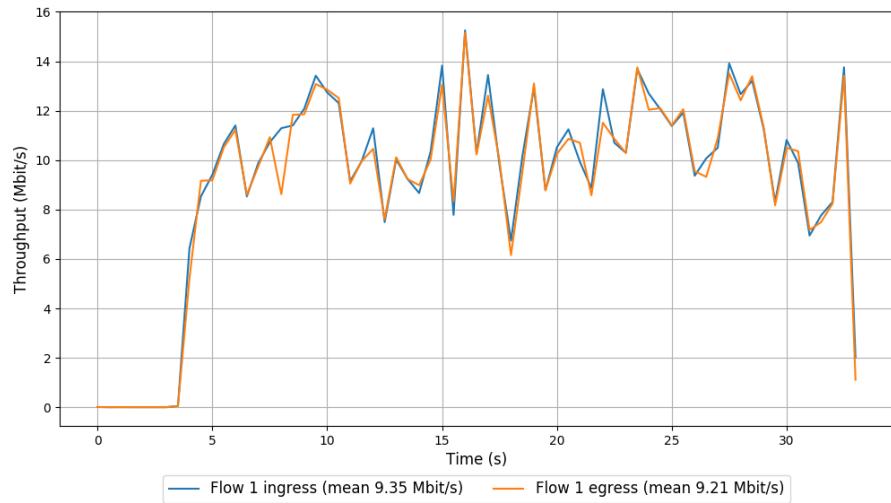
```
-- Flow 1:
```

```
Average throughput: 9.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.500 ms
```

```
Loss rate: 1.61%
```

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



Run 1: Statistics of Saturator

Start at: Fri, 16 Jun 2017 02:24:15 +0000

End at: Fri, 16 Jun 2017 02:24:45 +0000

Local clock offset: 1.147 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:23:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.71 Mbit/s

95th percentile per-packet one-way delay: 41.491 ms

Loss rate: 29.95%

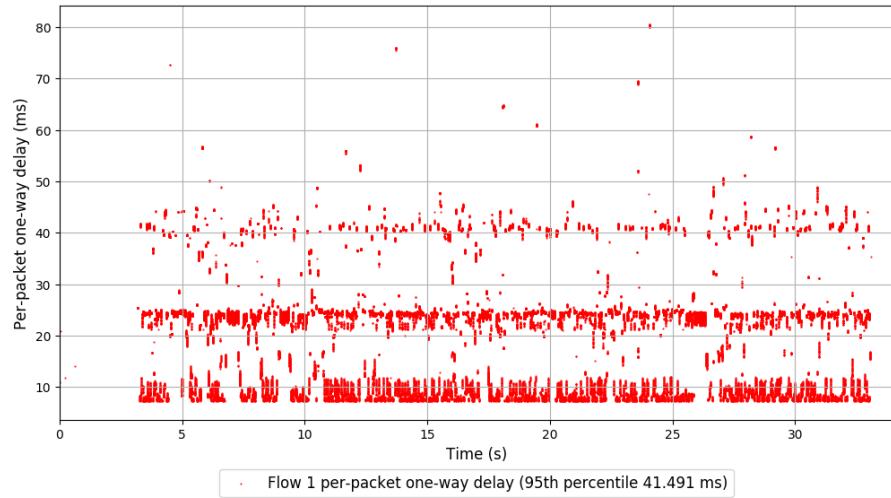
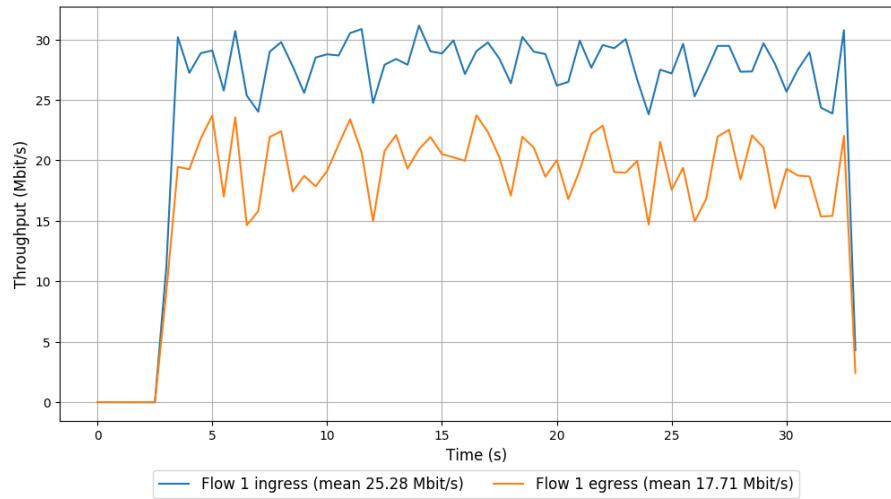
-- Flow 1:

Average throughput: 17.71 Mbit/s

95th percentile per-packet one-way delay: 41.491 ms

Loss rate: 29.95%

Run 1: Report of Saturator — Data Link

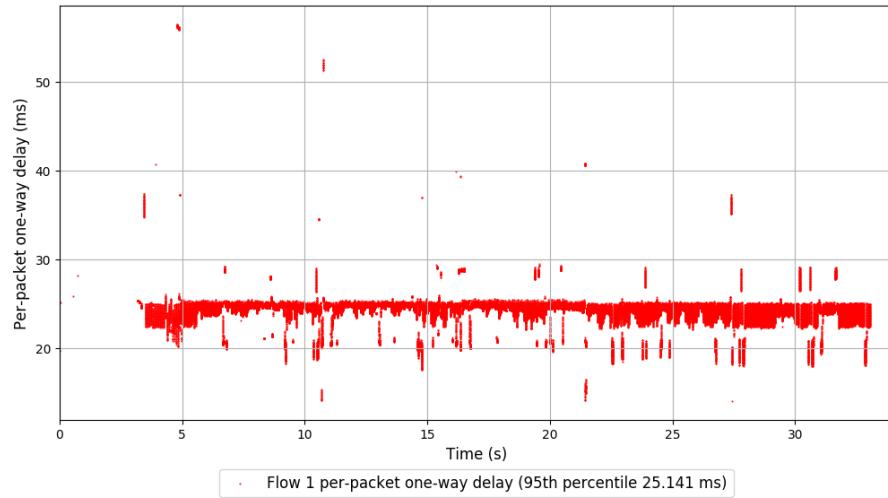
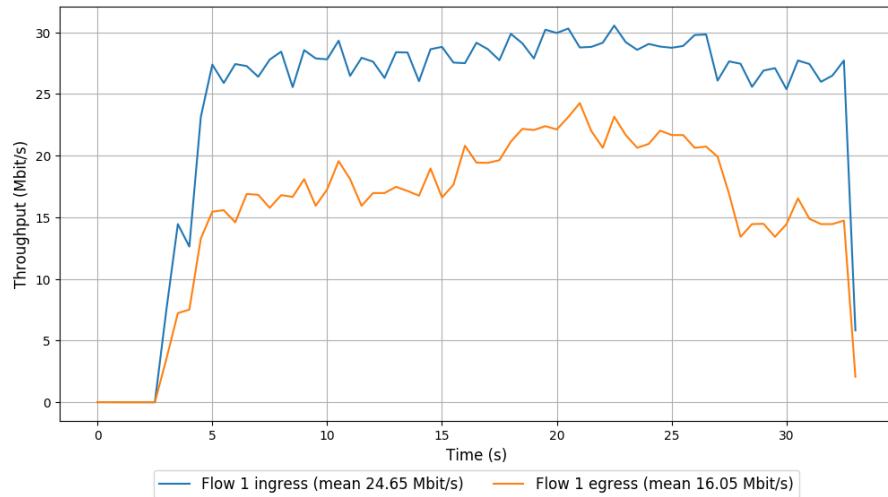


Run 2: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:42:42 +0000
End at: Fri, 16 Jun 2017 02:43:12 +0000
Local clock offset: 2.568 ms
Remote clock offset: -1.009 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 25.141 ms
Loss rate: 35.03%
-- Flow 1:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 25.141 ms
Loss rate: 35.03%
```

Run 2: Report of Saturator — Data Link

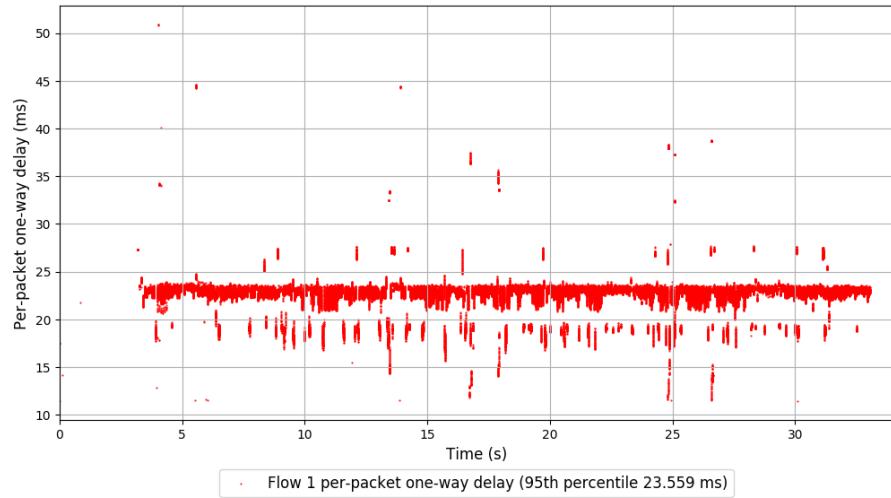
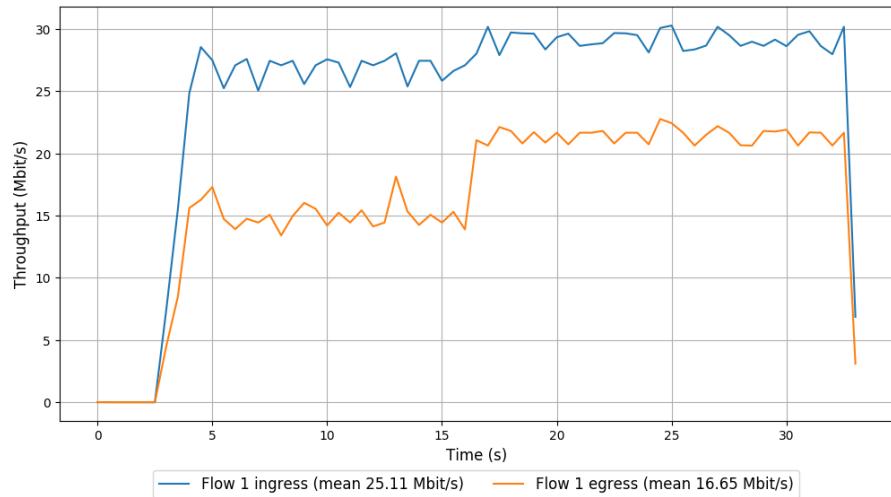


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:00:47 +0000
End at: Fri, 16 Jun 2017 03:01:17 +0000
Local clock offset: 0.686 ms
Remote clock offset: -2.056 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 23.559 ms
Loss rate: 33.81%
-- Flow 1:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 23.559 ms
Loss rate: 33.81%
```

Run 3: Report of Saturator — Data Link

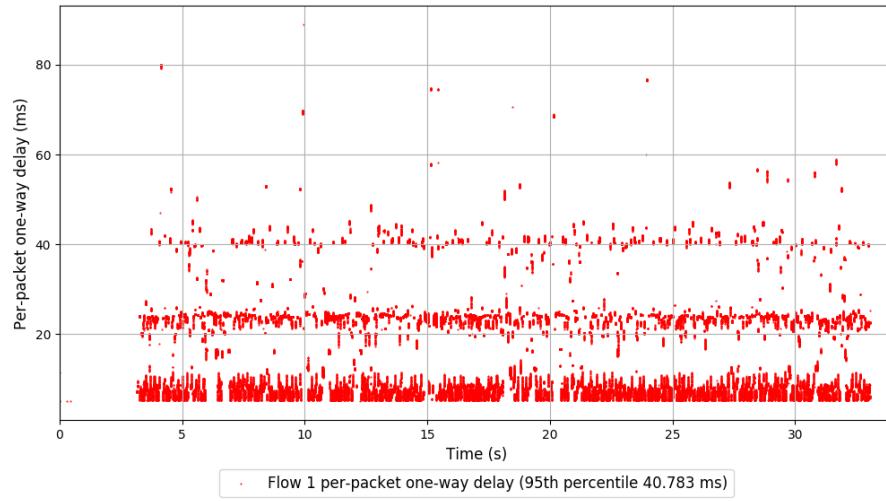
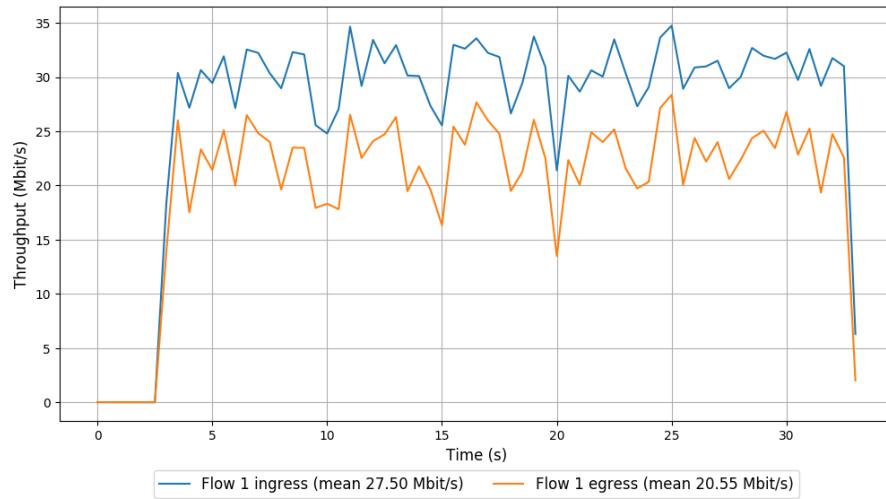


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:19:28 +0000
End at: Fri, 16 Jun 2017 03:19:58 +0000
Local clock offset: -2.474 ms
Remote clock offset: -9.79 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 40.783 ms
Loss rate: 25.32%
-- Flow 1:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 40.783 ms
Loss rate: 25.32%
```

Run 4: Report of Saturator — Data Link

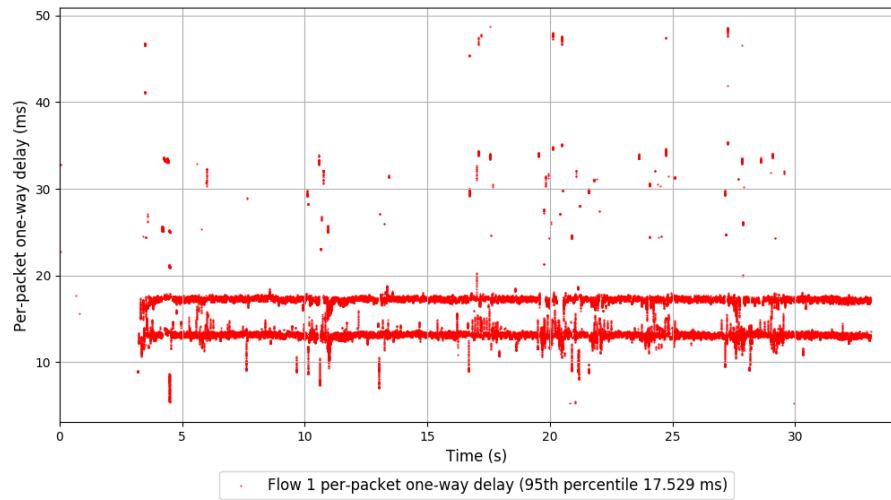
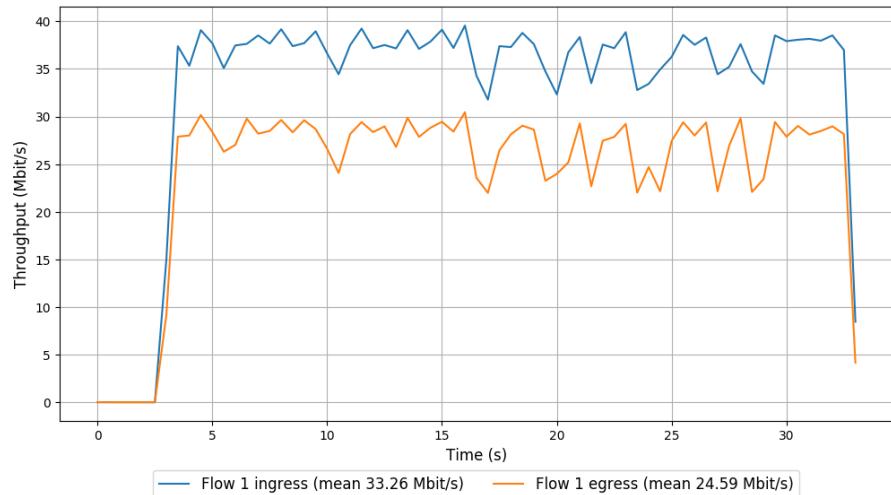


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:37:54 +0000
End at: Fri, 16 Jun 2017 03:38:24 +0000
Local clock offset: 4.688 ms
Remote clock offset: -4.732 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:24:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 17.529 ms
Loss rate: 26.18%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 17.529 ms
Loss rate: 26.18%
```

Run 5: Report of Saturator — Data Link

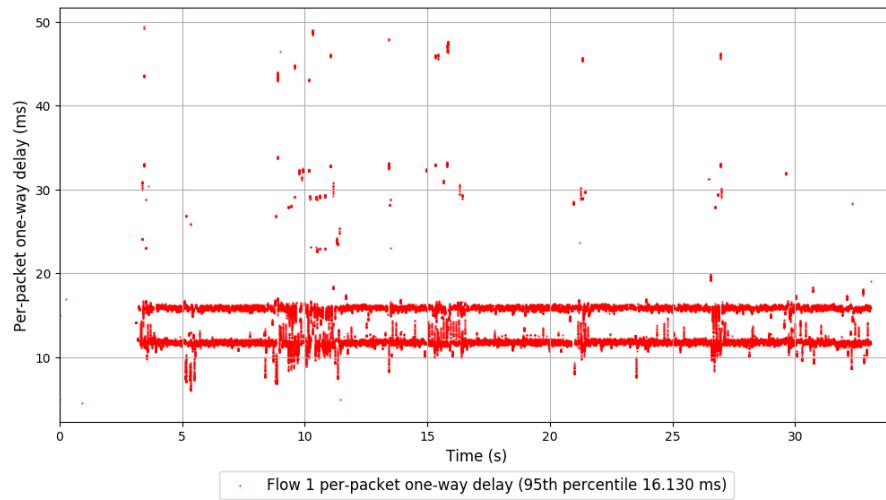
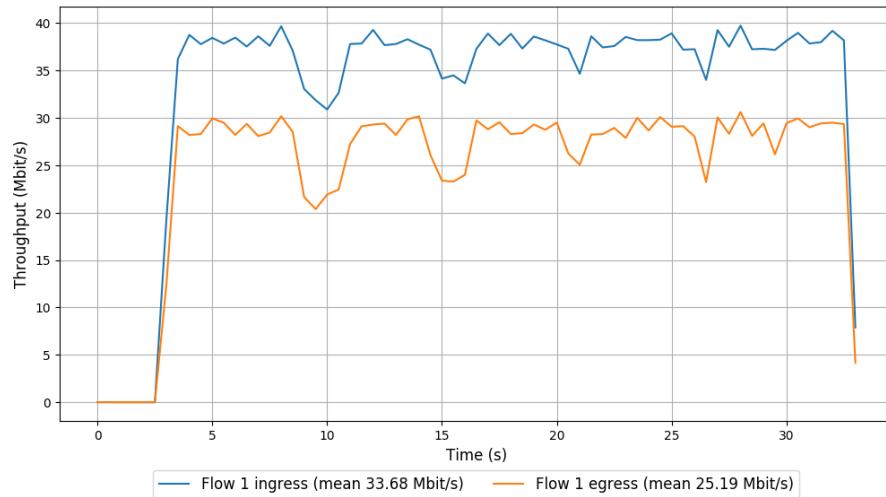


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:56:11 +0000
End at: Fri, 16 Jun 2017 03:56:41 +0000
Local clock offset: 5.919 ms
Remote clock offset: -4.138 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:24:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: 16.130 ms
Loss rate: 25.28%
-- Flow 1:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: 16.130 ms
Loss rate: 25.28%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 16 Jun 2017 04:14:36 +0000

End at: Fri, 16 Jun 2017 04:15:06 +0000

Local clock offset: 3.527 ms

Remote clock offset: -4.778 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:24:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.81 Mbit/s

95th percentile per-packet one-way delay: 16.115 ms

Loss rate: 24.45%

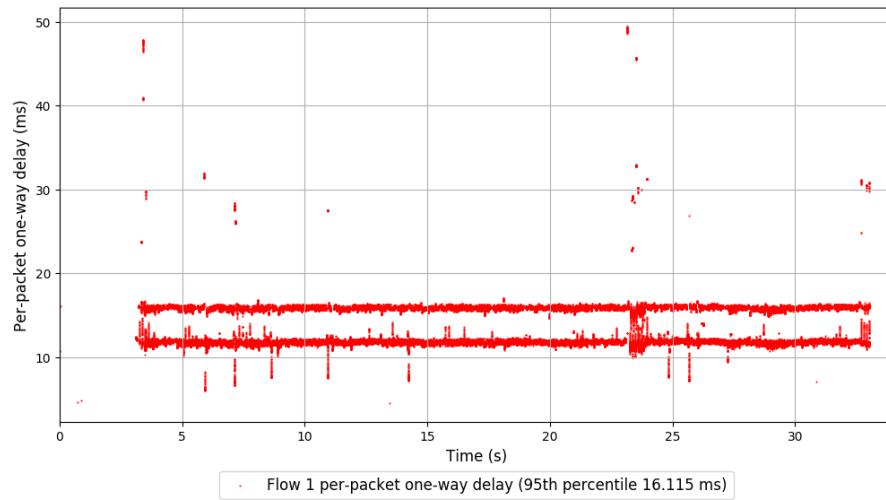
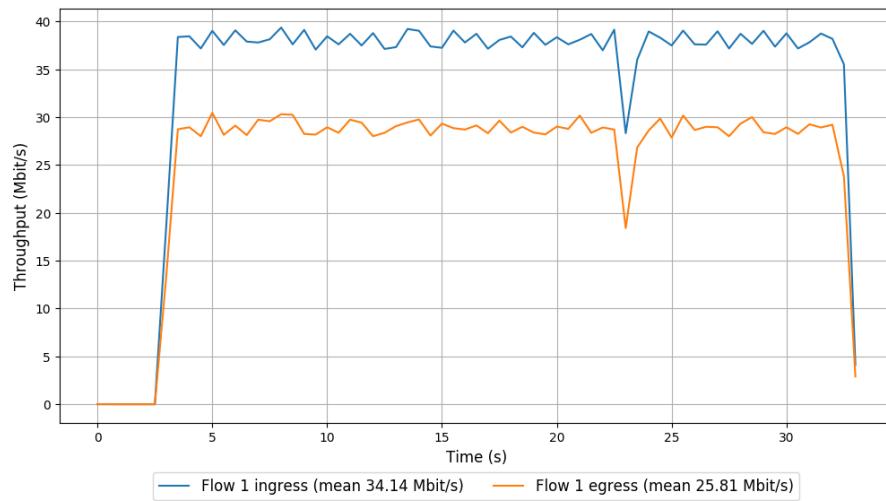
-- Flow 1:

Average throughput: 25.81 Mbit/s

95th percentile per-packet one-way delay: 16.115 ms

Loss rate: 24.45%

Run 7: Report of Saturator — Data Link

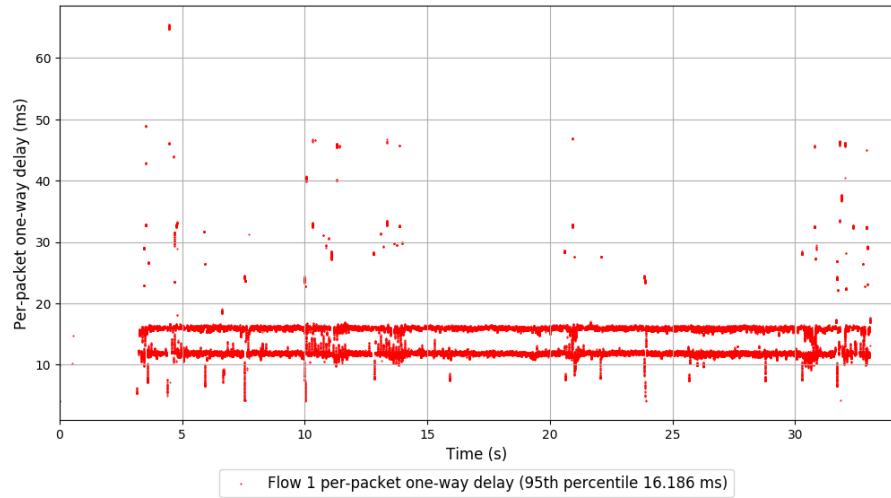
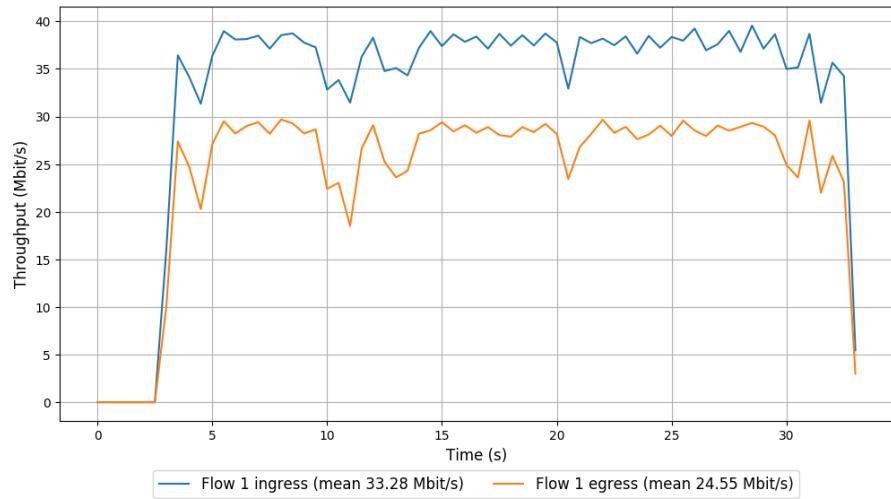


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:32:45 +0000
End at: Fri, 16 Jun 2017 04:33:15 +0000
Local clock offset: 2.613 ms
Remote clock offset: -4.488 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:24:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 16.186 ms
Loss rate: 26.25%
-- Flow 1:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 16.186 ms
Loss rate: 26.25%
```

Run 8: Report of Saturator — Data Link

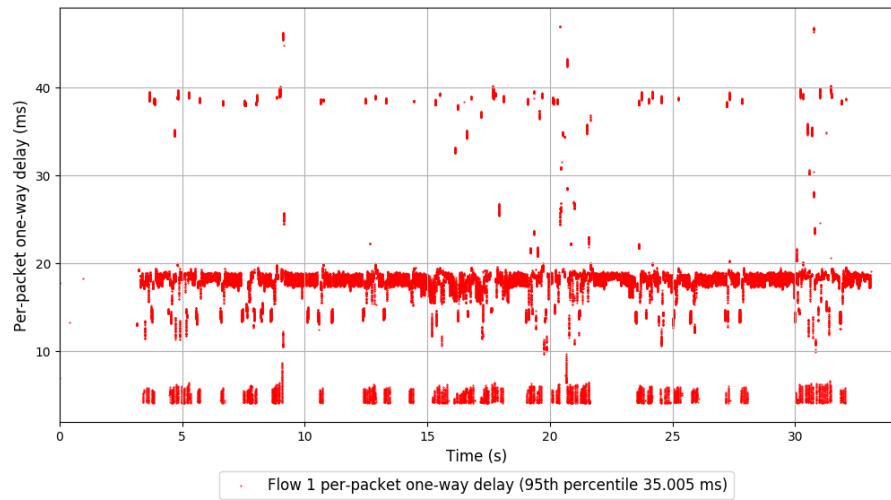
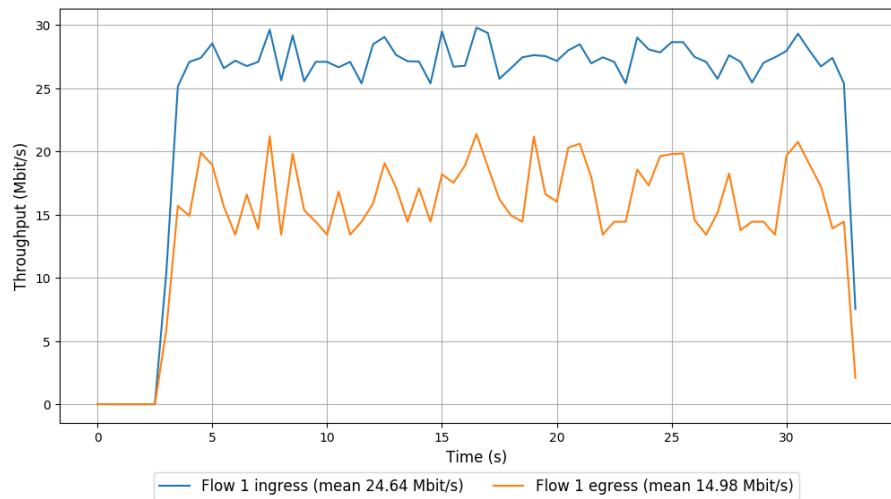


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:51:38 +0000
End at: Fri, 16 Jun 2017 04:52:08 +0000
Local clock offset: 4.415 ms
Remote clock offset: -3.685 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:24:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 35.005 ms
Loss rate: 39.30%
-- Flow 1:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 35.005 ms
Loss rate: 39.30%
```

Run 9: Report of Saturator — Data Link

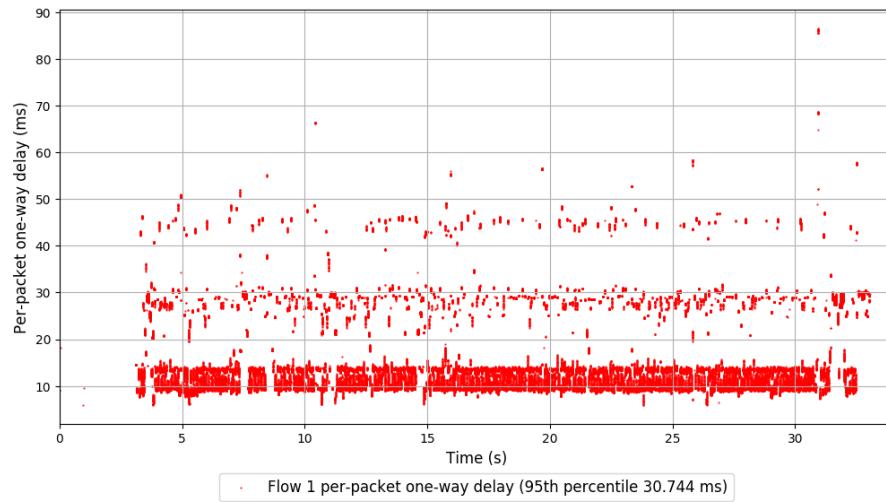
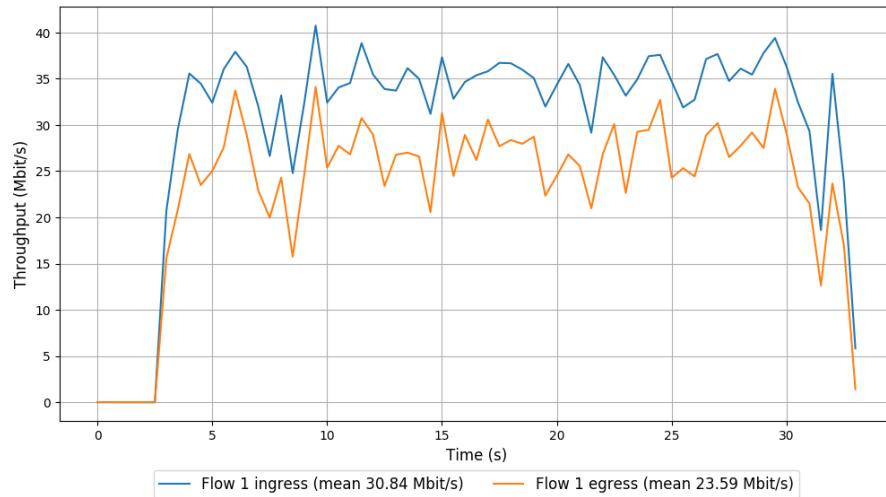


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 05:10:12 +0000
End at: Fri, 16 Jun 2017 05:10:42 +0000
Local clock offset: 1.945 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 23.56%
-- Flow 1:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 23.56%
```

Run 10: Report of Saturator — Data Link

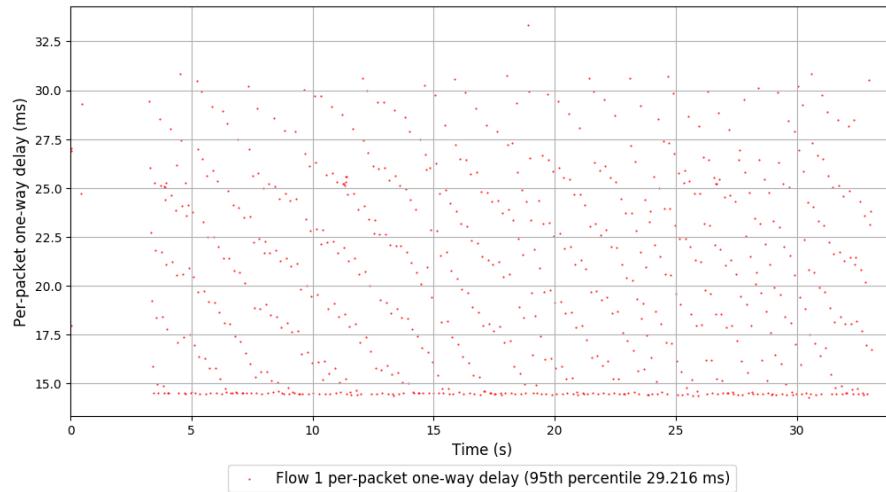
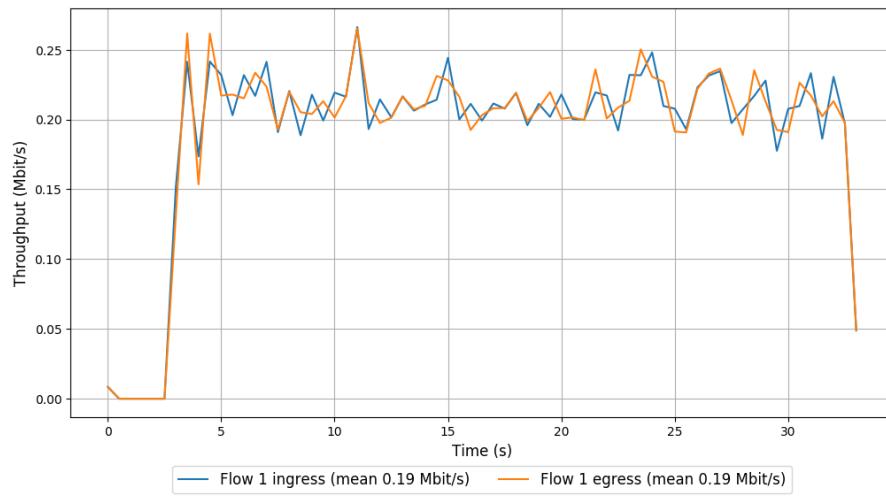


Run 1: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:36:34 +0000
End at: Fri, 16 Jun 2017 02:37:04 +0000
Local clock offset: -1.302 ms
Remote clock offset: -1.436 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 29.216 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 29.216 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

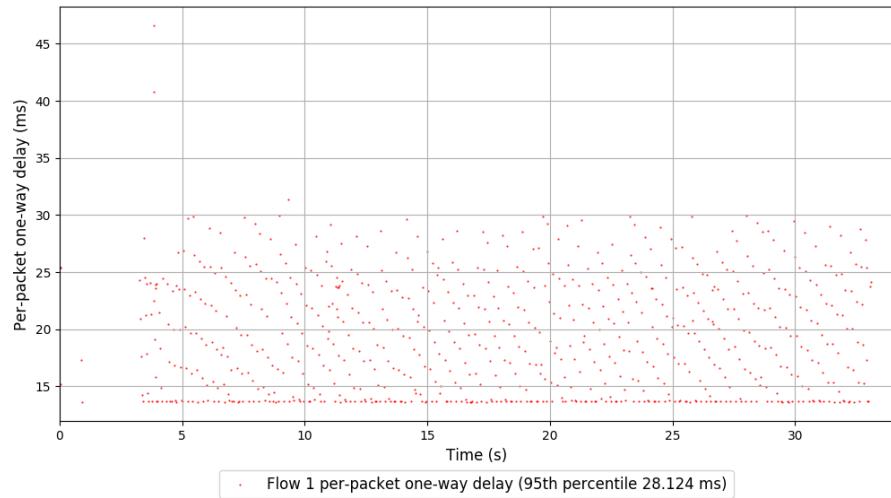
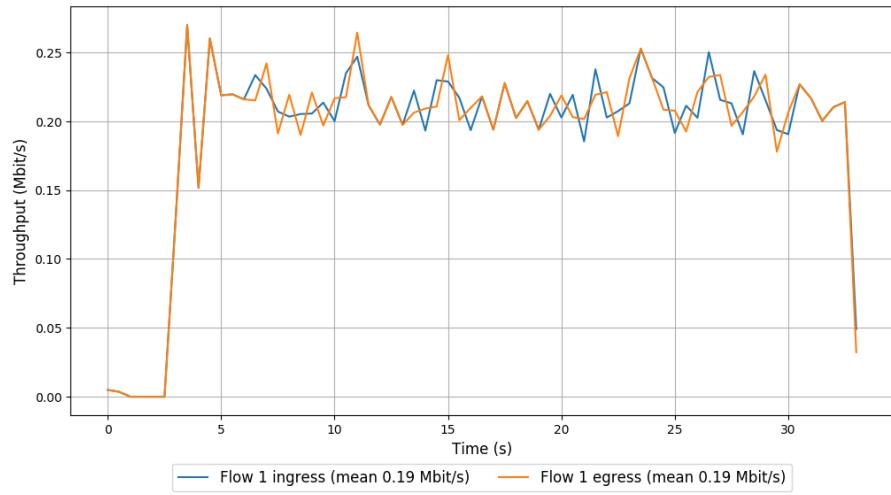


Run 2: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:54:54 +0000
End at: Fri, 16 Jun 2017 02:55:24 +0000
Local clock offset: 2.997 ms
Remote clock offset: -2.207 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 28.124 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 28.124 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

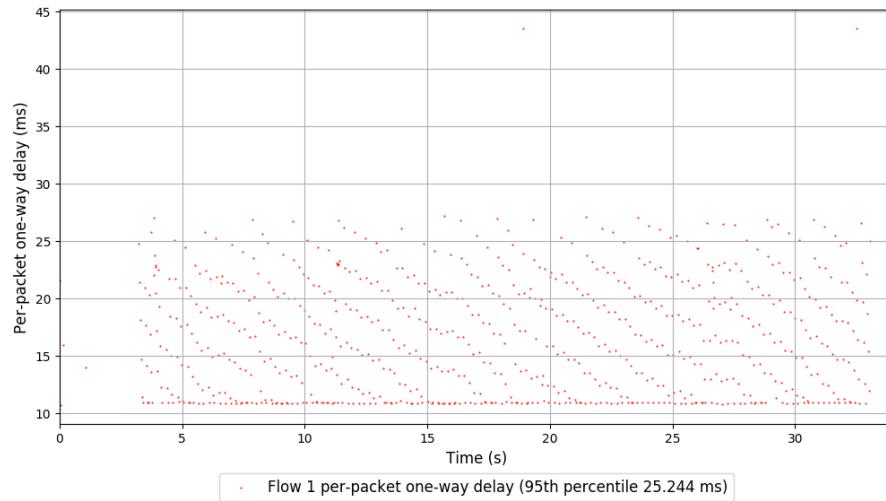
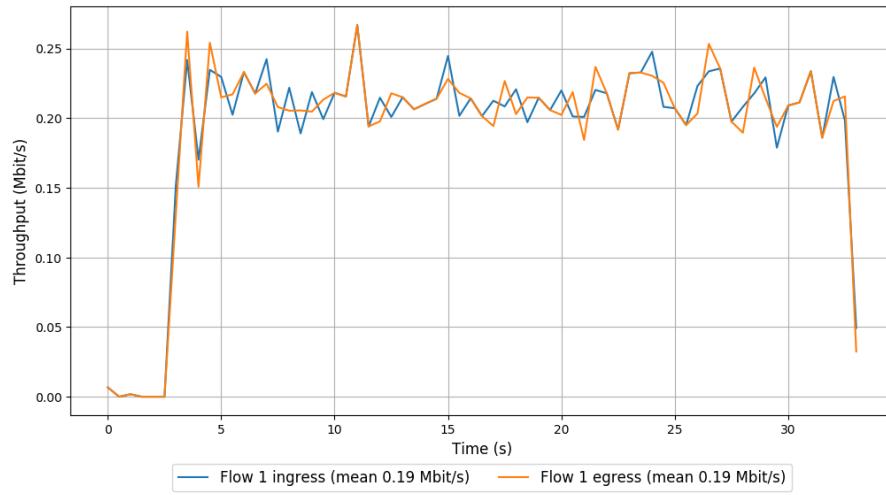


Run 3: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:13:15 +0000
End at: Fri, 16 Jun 2017 03:13:45 +0000
Local clock offset: 2.981 ms
Remote clock offset: -2.567 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 25.244 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 25.244 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

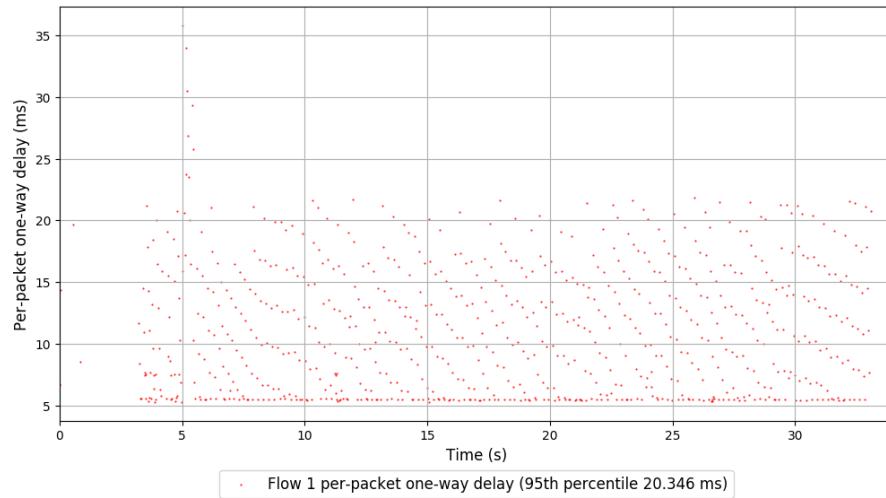
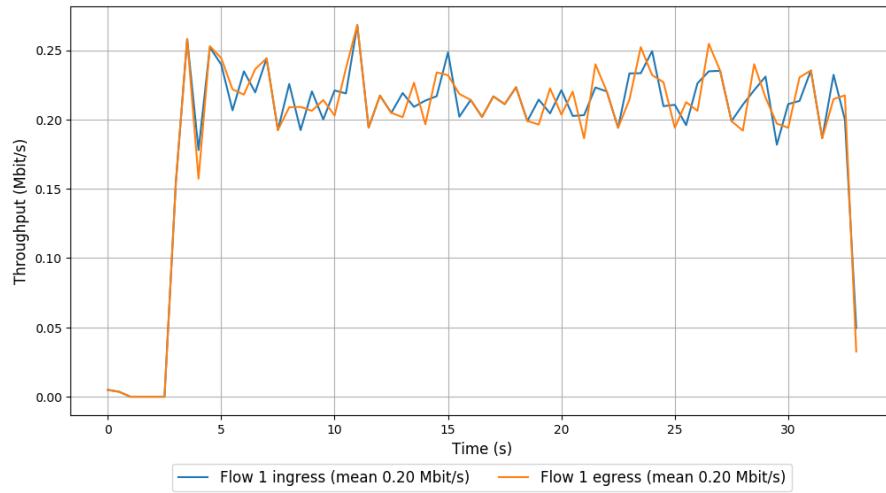


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:31:58 +0000
End at: Fri, 16 Jun 2017 03:32:28 +0000
Local clock offset: 4.029 ms
Remote clock offset: -3.625 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.346 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.346 ms
Loss rate: 0.13%
```

Run 4: Report of SCReAM — Data Link

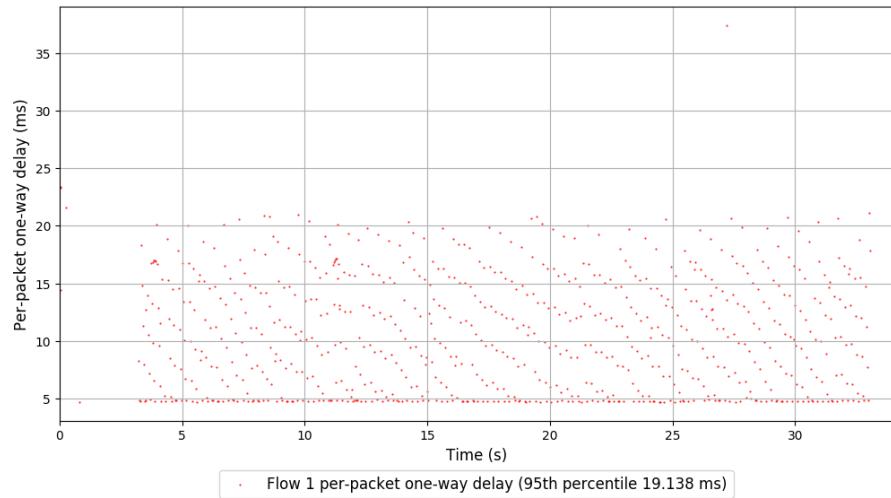
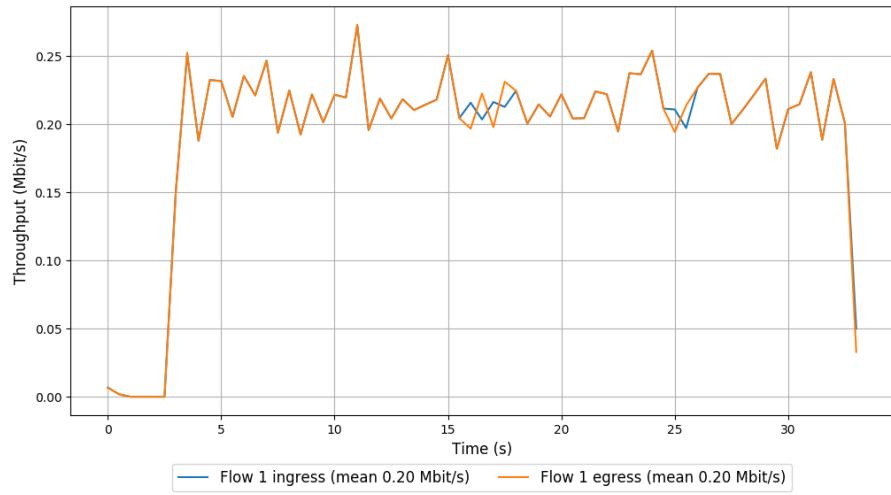


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:50:08 +0000
End at: Fri, 16 Jun 2017 03:50:38 +0000
Local clock offset: 2.711 ms
Remote clock offset: -3.882 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.138 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.138 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

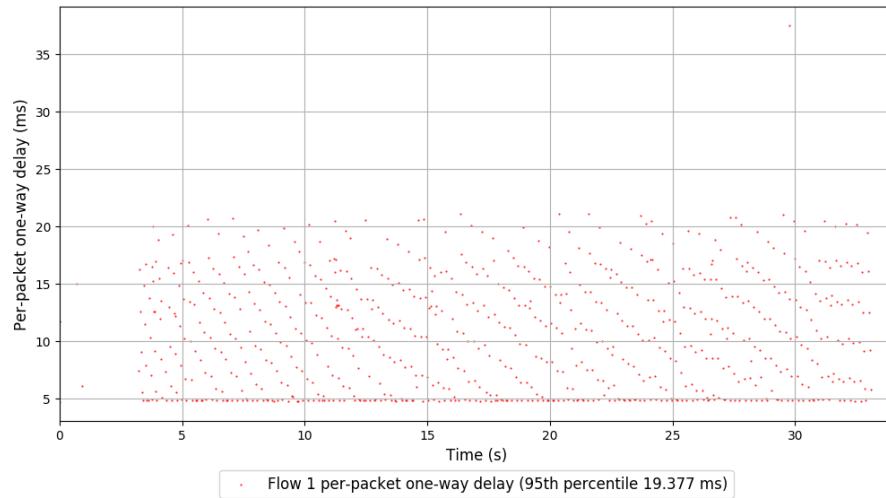
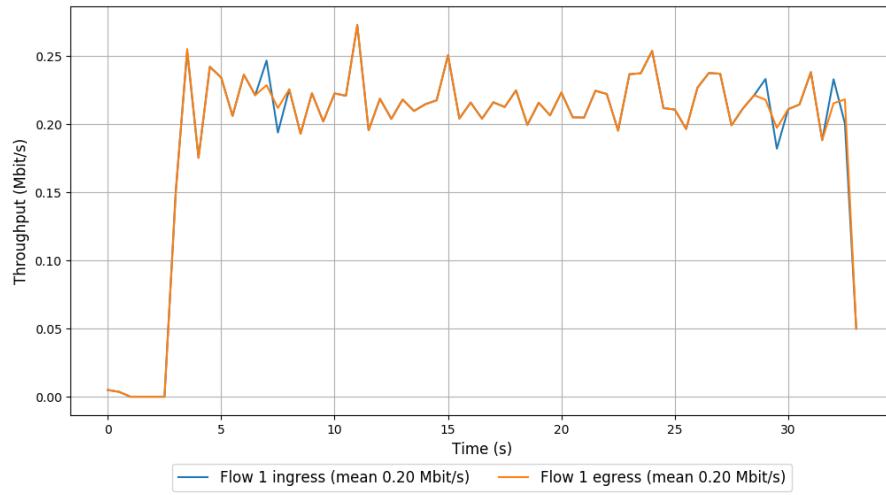


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:08:28 +0000
End at: Fri, 16 Jun 2017 04:08:58 +0000
Local clock offset: 2.737 ms
Remote clock offset: -4.026 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

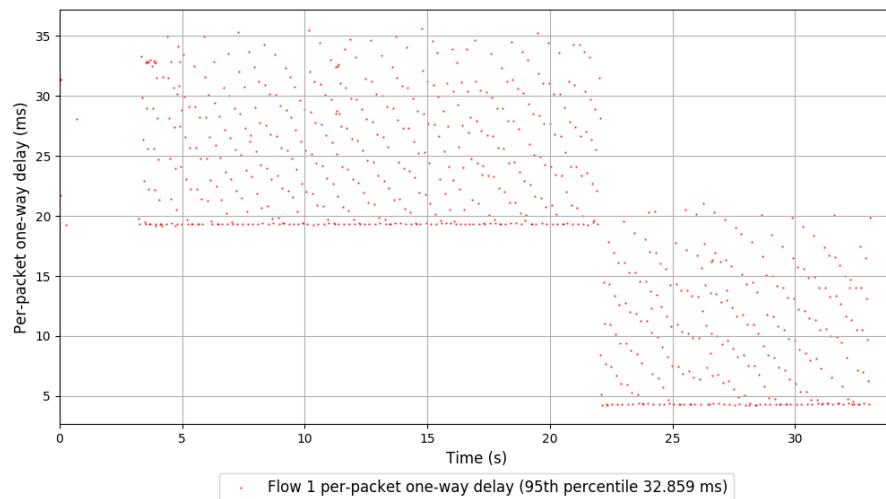
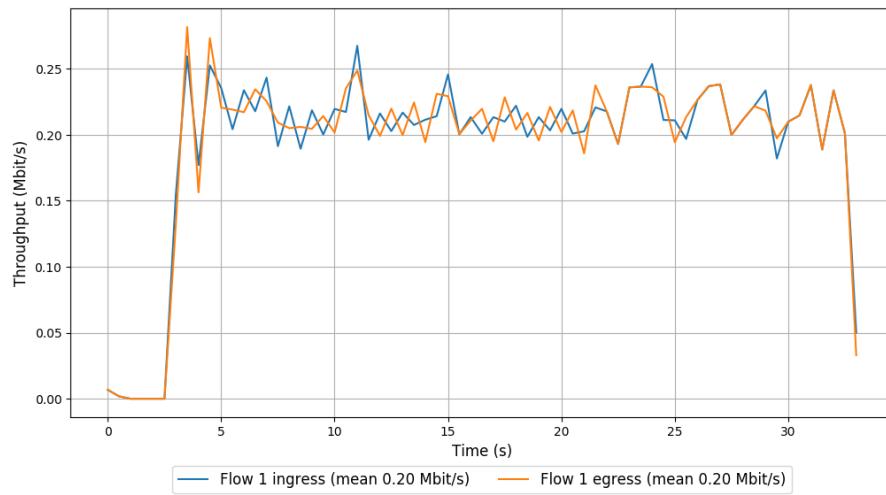


Run 7: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:26:57 +0000
End at: Fri, 16 Jun 2017 04:27:27 +0000
Local clock offset: 3.847 ms
Remote clock offset: -4.207 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.859 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.859 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

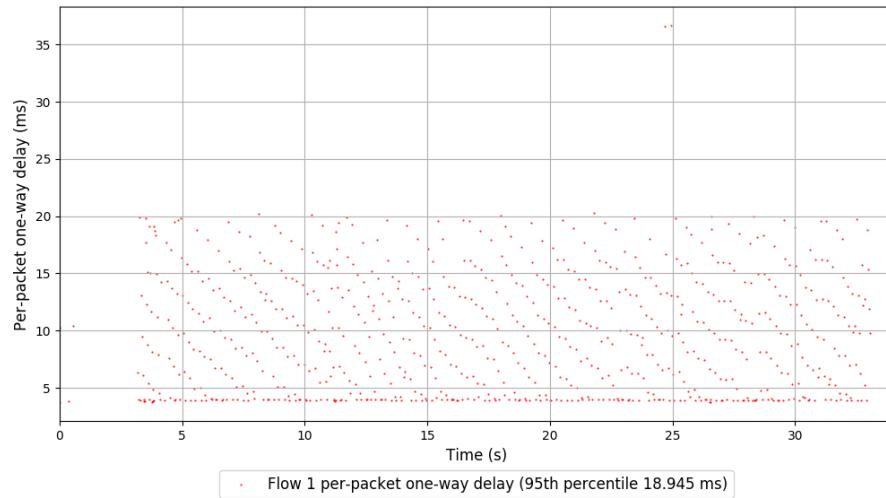
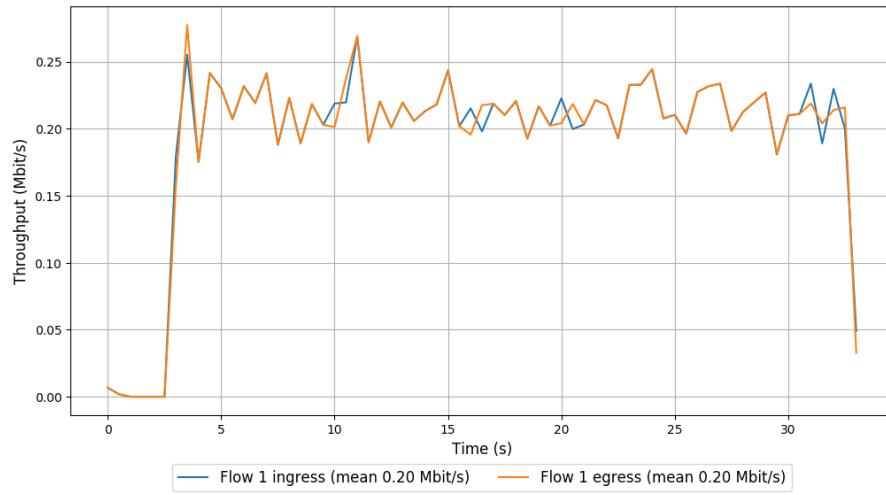


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 04:45:21 +0000
End at: Fri, 16 Jun 2017 04:45:51 +0000
Local clock offset: 6.072 ms
Remote clock offset: -4.259 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.945 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.945 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

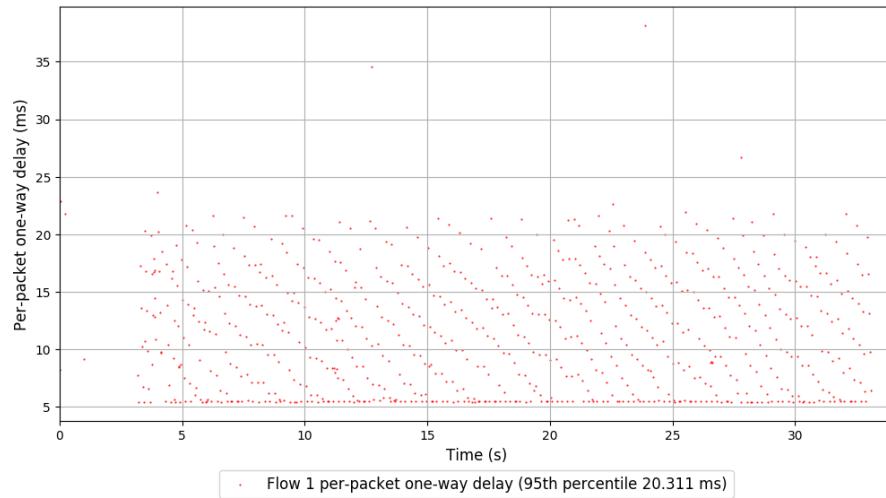
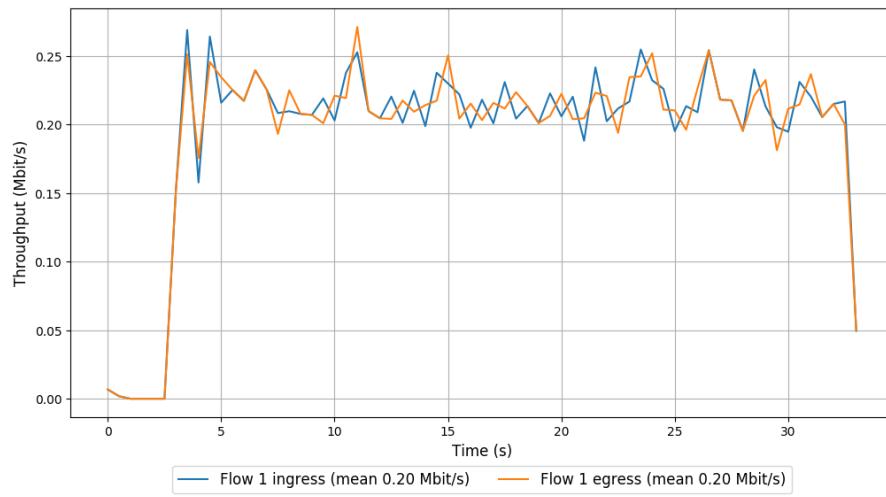


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:04:11 +0000
End at: Fri, 16 Jun 2017 05:04:41 +0000
Local clock offset: 4.299 ms
Remote clock offset: -2.954 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.311 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.311 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

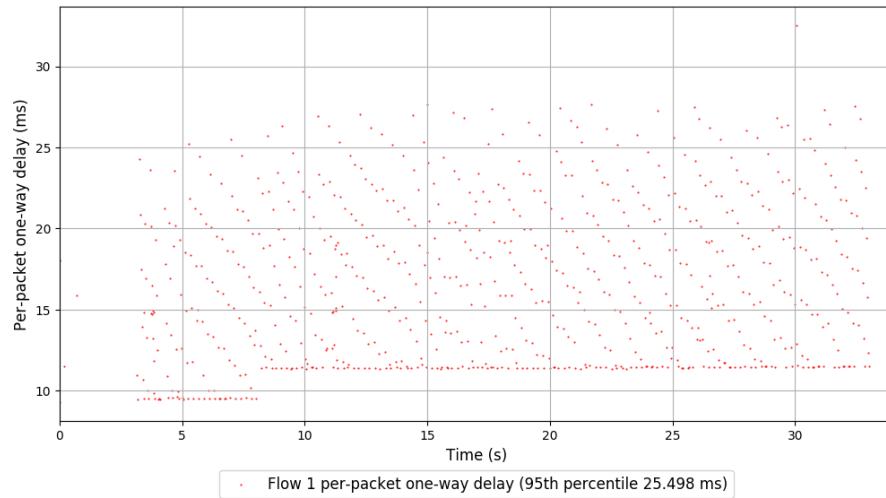
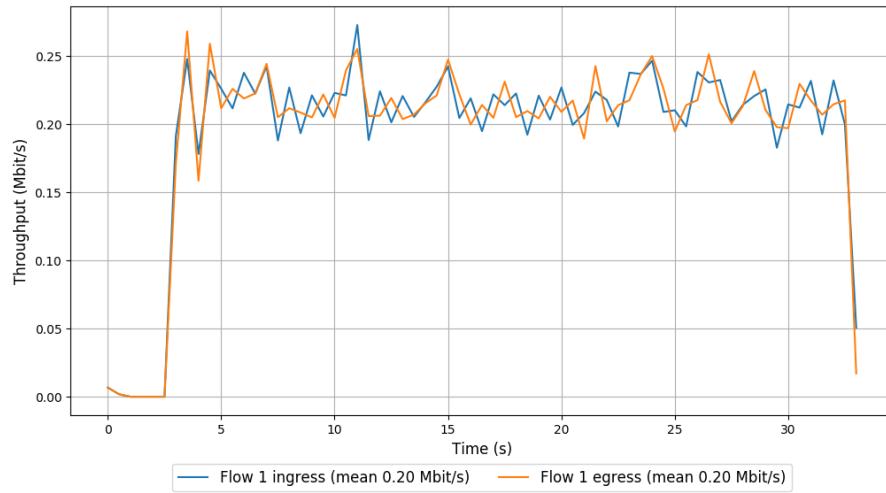


Run 10: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 05:22:54 +0000
End at: Fri, 16 Jun 2017 05:23:24 +0000
Local clock offset: 2.38 ms
Remote clock offset: -2.086 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.498 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.498 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

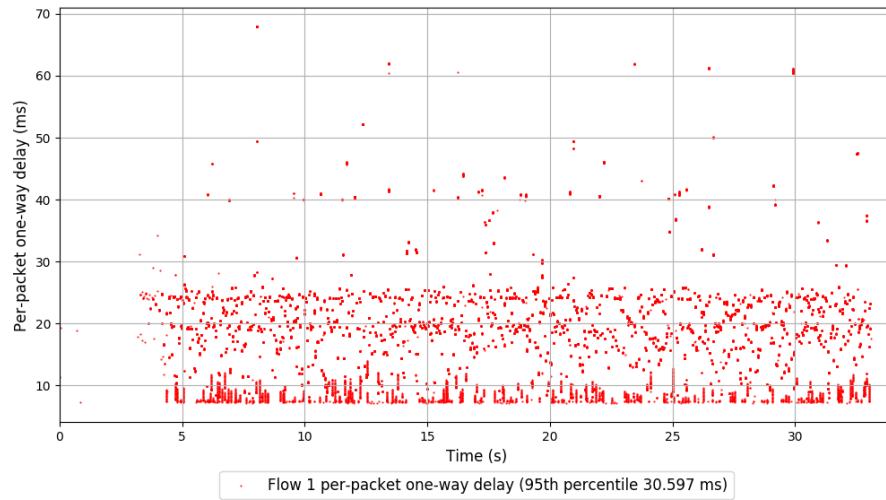
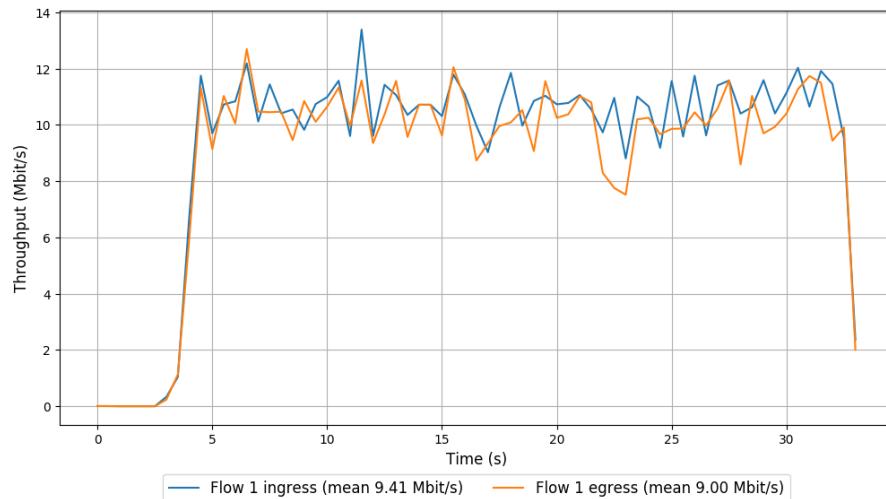


Run 1: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:26:39 +0000
End at: Fri, 16 Jun 2017 02:27:09 +0000
Local clock offset: 6.043 ms
Remote clock offset: -1.051 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 30.597 ms
Loss rate: 4.55%
-- Flow 1:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 30.597 ms
Loss rate: 4.55%
```

Run 1: Report of Sprout — Data Link

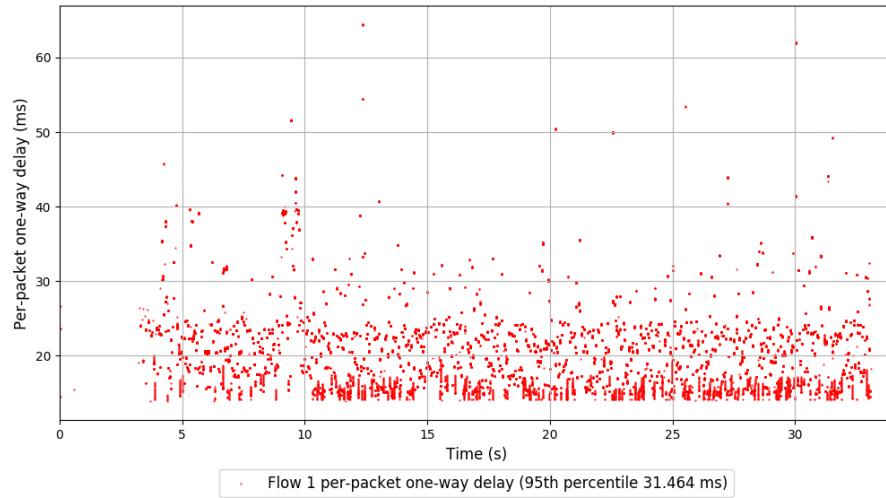
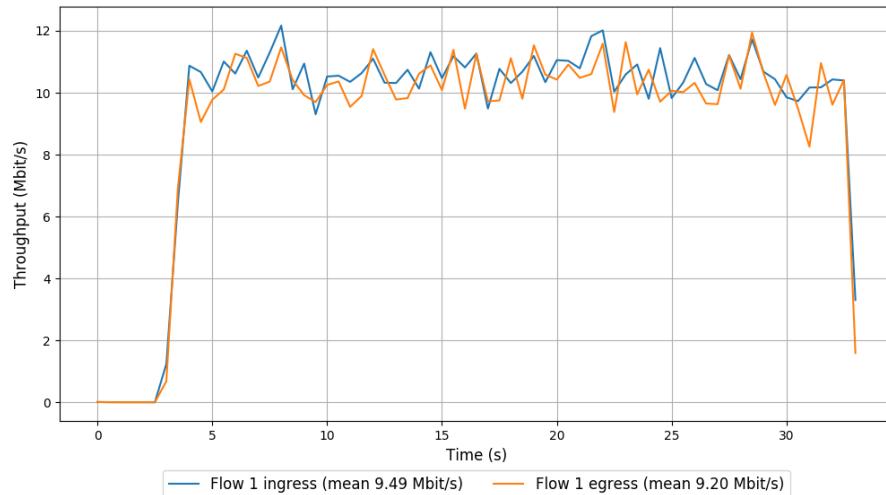


Run 2: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:45:07 +0000
End at: Fri, 16 Jun 2017 02:45:37 +0000
Local clock offset: -1.617 ms
Remote clock offset: -1.971 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 31.464 ms
Loss rate: 3.18%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 31.464 ms
Loss rate: 3.18%
```

Run 2: Report of Sprout — Data Link

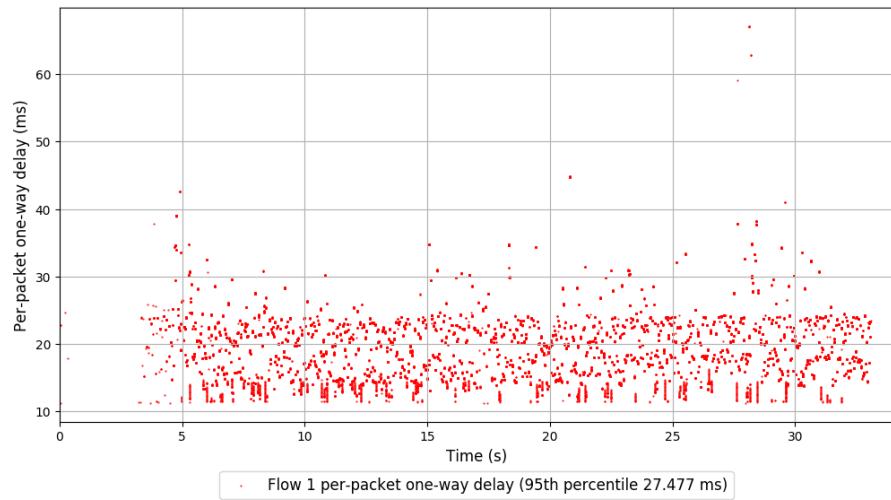
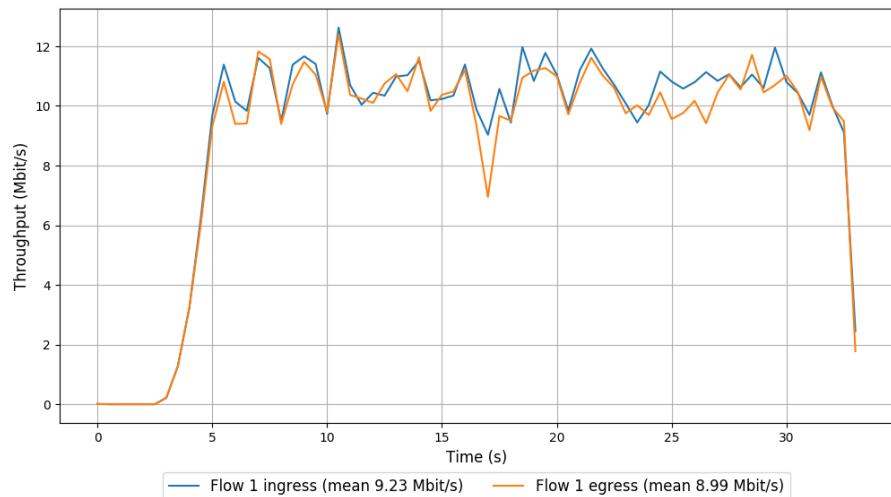


Run 3: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:03:15 +0000
End at: Fri, 16 Jun 2017 03:03:46 +0000
Local clock offset: 2.838 ms
Remote clock offset: -1.97 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 27.477 ms
Loss rate: 2.78%
-- Flow 1:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 27.477 ms
Loss rate: 2.78%
```

Run 3: Report of Sprout — Data Link

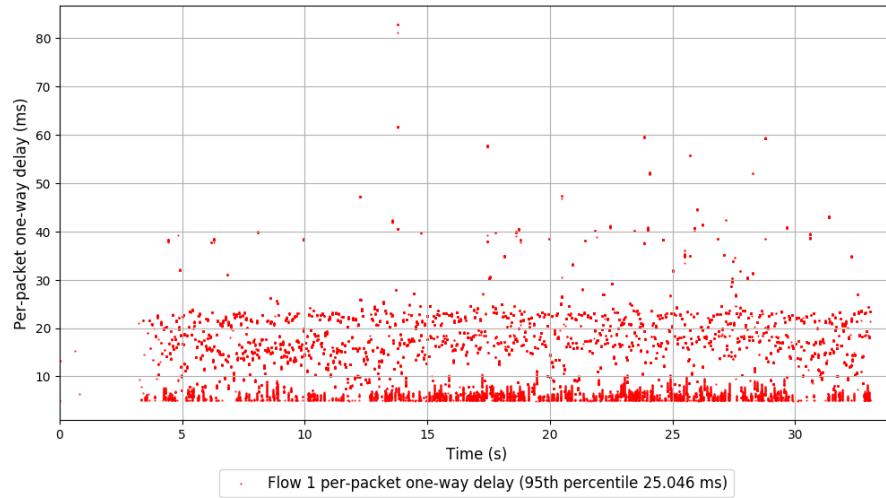
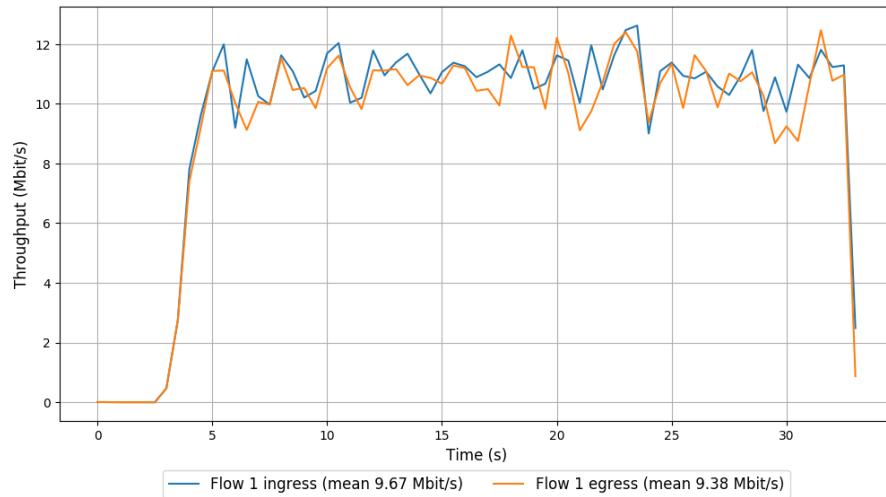


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:21:56 +0000
End at: Fri, 16 Jun 2017 03:22:26 +0000
Local clock offset: 1.495 ms
Remote clock offset: -3.552 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 25.046 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 25.046 ms
Loss rate: 3.11%
```

Run 4: Report of Sprout — Data Link

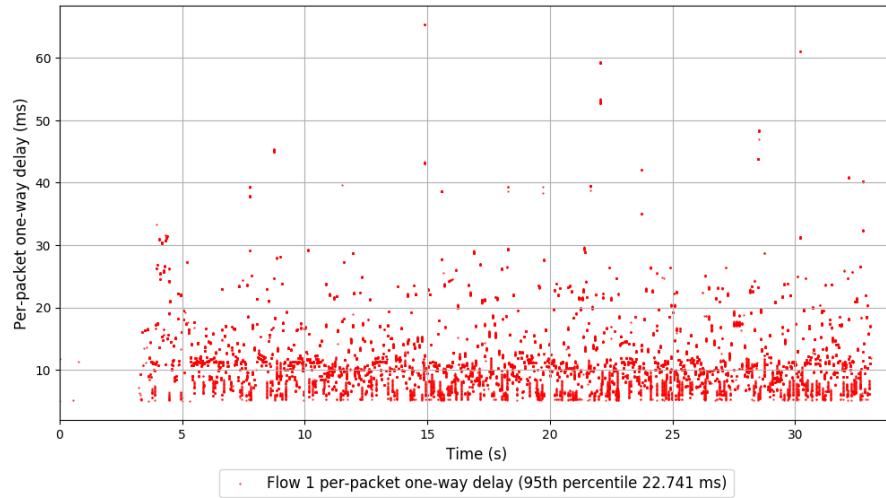
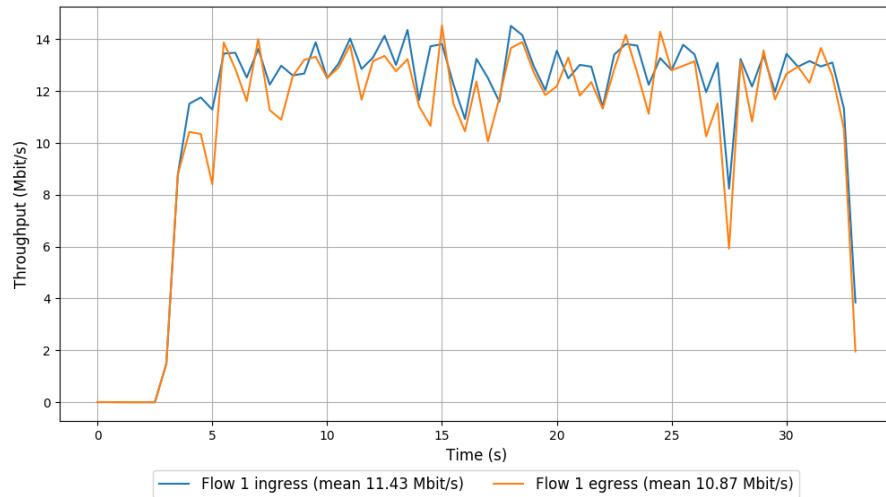


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:40:26 +0000
End at: Fri, 16 Jun 2017 03:40:56 +0000
Local clock offset: -3.296 ms
Remote clock offset: -3.858 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 22.741 ms
Loss rate: 4.98%
-- Flow 1:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 22.741 ms
Loss rate: 4.98%
```

Run 5: Report of Sprout — Data Link

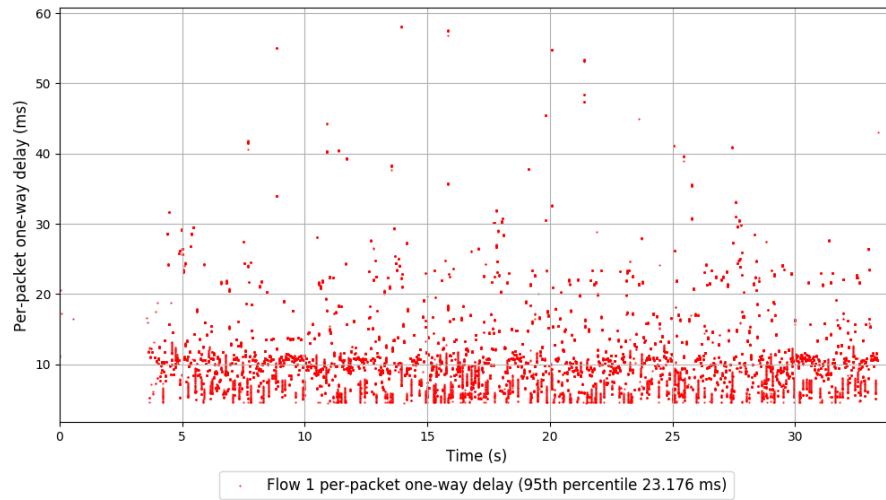
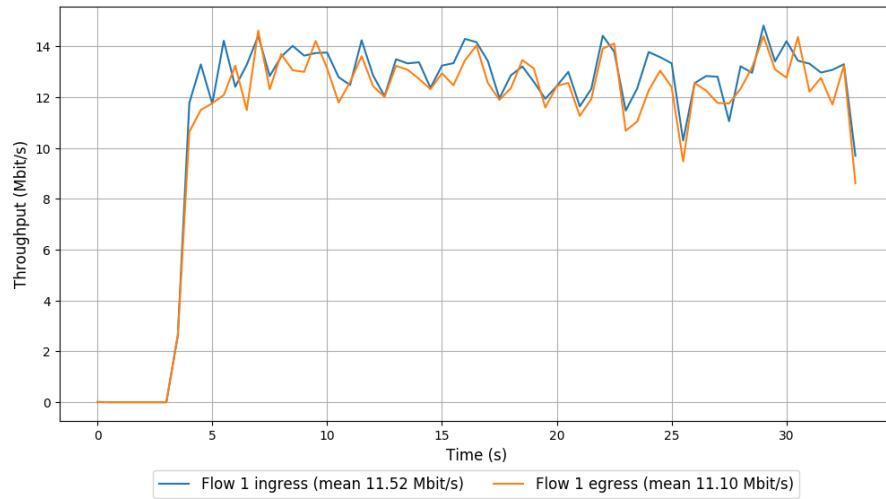


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:58:44 +0000
End at: Fri, 16 Jun 2017 03:59:14 +0000
Local clock offset: 5.99 ms
Remote clock offset: -4.454 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 23.176 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 23.176 ms
Loss rate: 3.66%
```

Run 6: Report of Sprout — Data Link

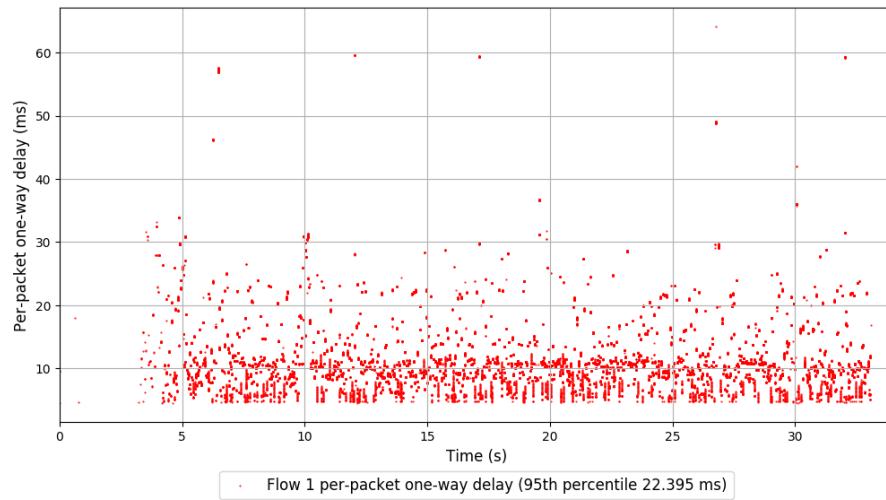
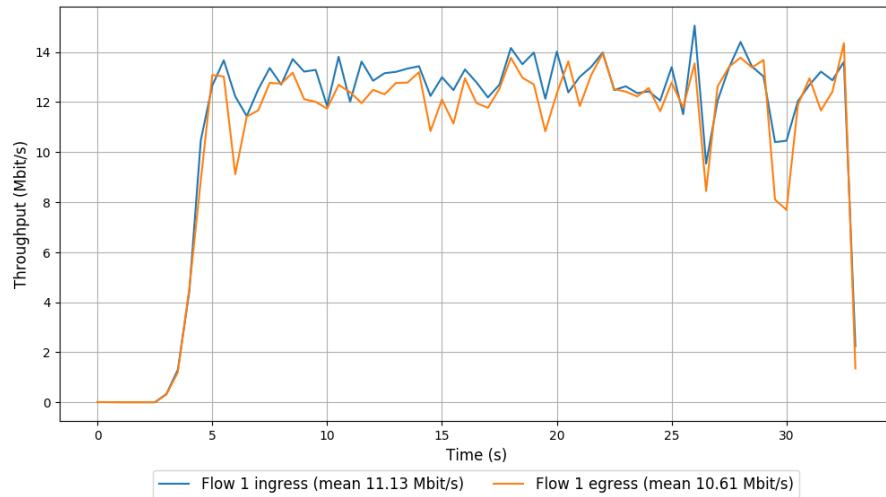


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:17:07 +0000
End at: Fri, 16 Jun 2017 04:17:37 +0000
Local clock offset: -1.543 ms
Remote clock offset: -3.819 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 22.395 ms
Loss rate: 4.77%
-- Flow 1:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 22.395 ms
Loss rate: 4.77%
```

Run 7: Report of Sprout — Data Link

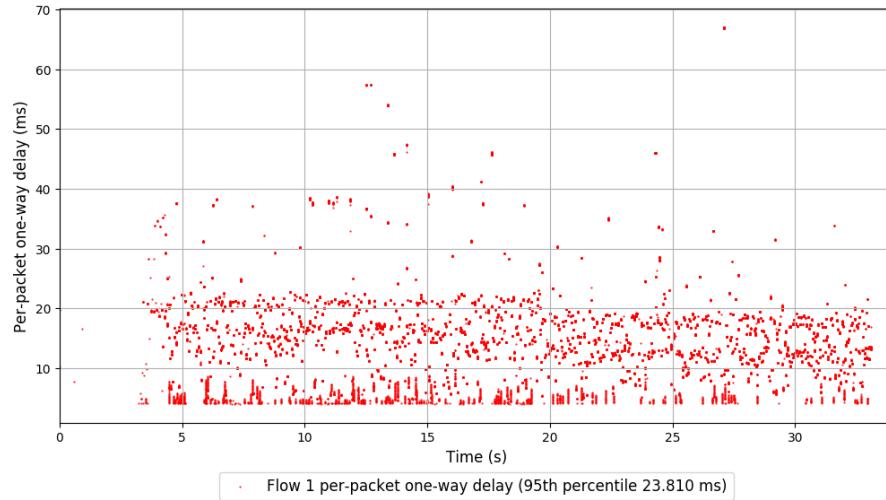
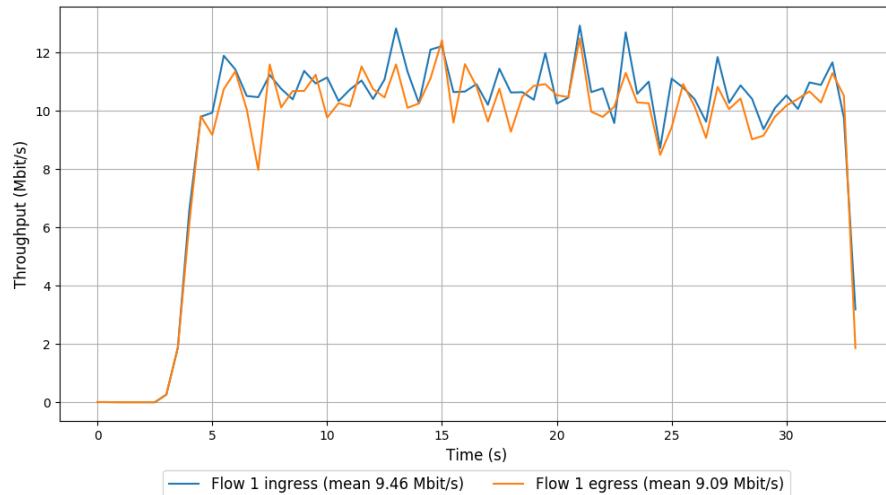


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:35:16 +0000
End at: Fri, 16 Jun 2017 04:35:46 +0000
Local clock offset: 2.819 ms
Remote clock offset: -4.118 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 23.810 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 23.810 ms
Loss rate: 4.15%
```

Run 8: Report of Sprout — Data Link

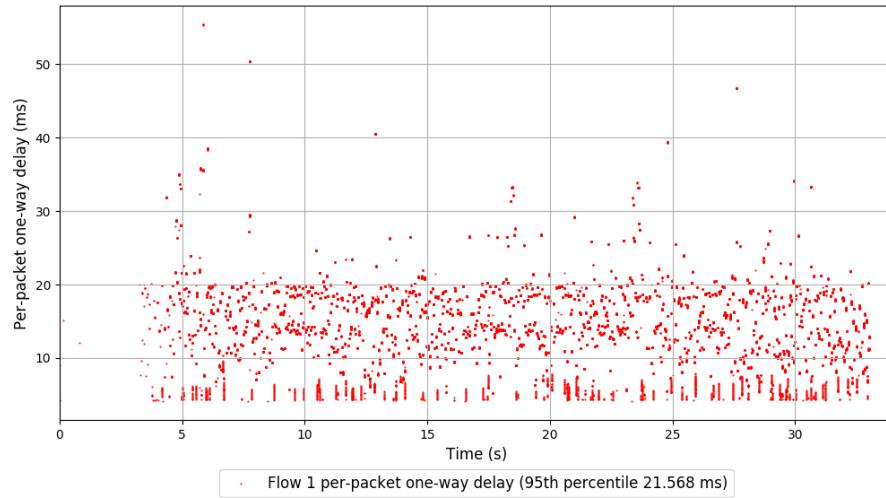
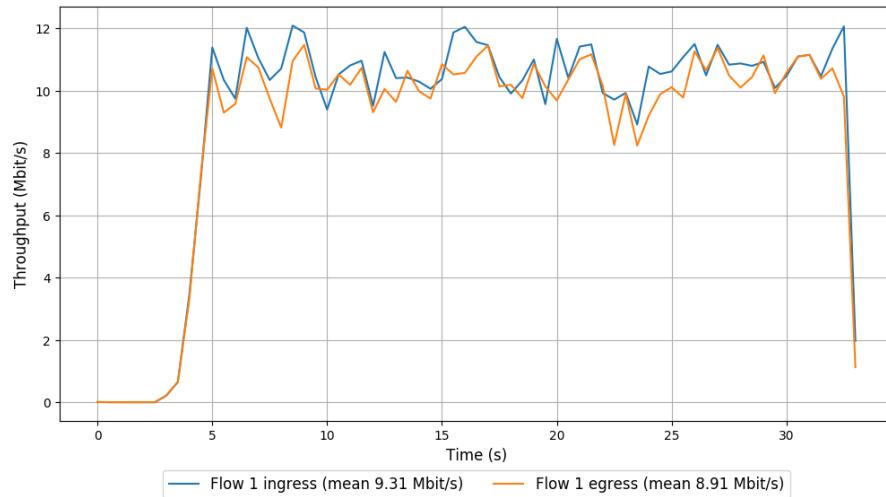


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:54:10 +0000
End at: Fri, 16 Jun 2017 04:54:40 +0000
Local clock offset: 3.271 ms
Remote clock offset: -3.946 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 21.568 ms
Loss rate: 4.44%
-- Flow 1:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 21.568 ms
Loss rate: 4.44%
```

Run 9: Report of Sprout — Data Link

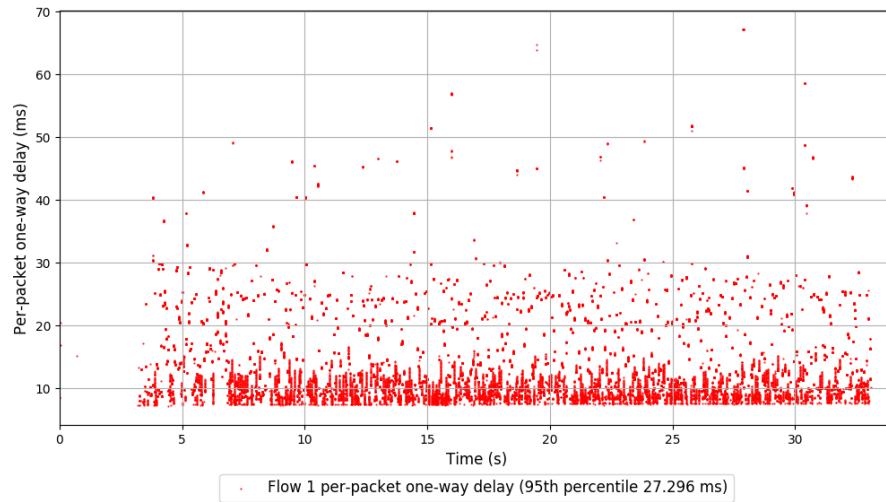
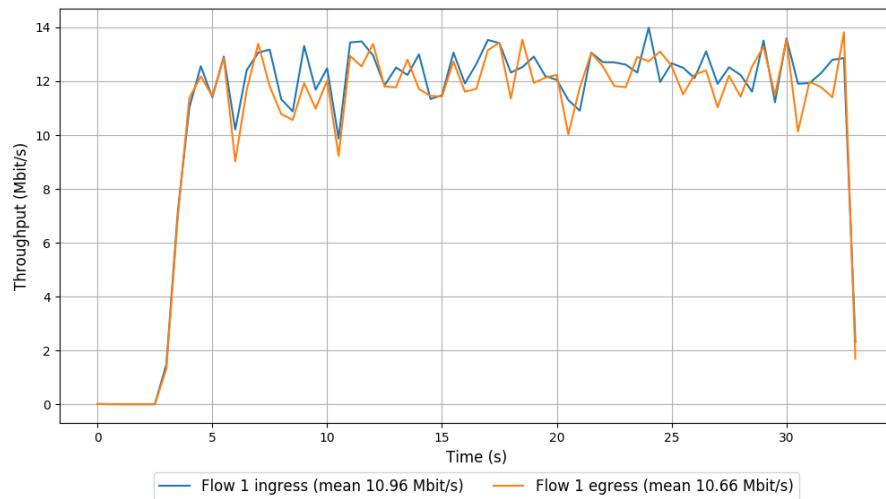


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 05:12:45 +0000
End at: Fri, 16 Jun 2017 05:13:15 +0000
Local clock offset: -0.899 ms
Remote clock offset: -2.403 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 27.296 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 27.296 ms
Loss rate: 2.81%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:31:19 +0000

End at: Fri, 16 Jun 2017 02:31:49 +0000

Local clock offset: 5.929 ms

Remote clock offset: -1.483 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:27:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.75 Mbit/s

95th percentile per-packet one-way delay: 44.706 ms

Loss rate: 47.71%

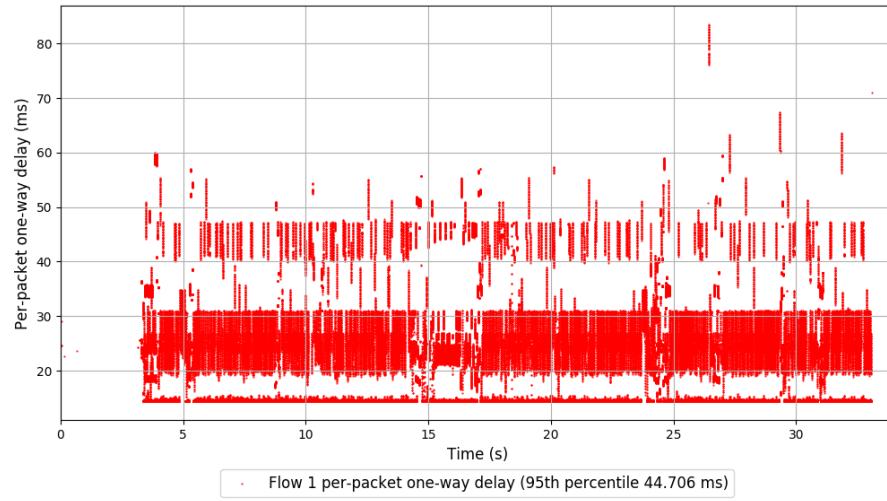
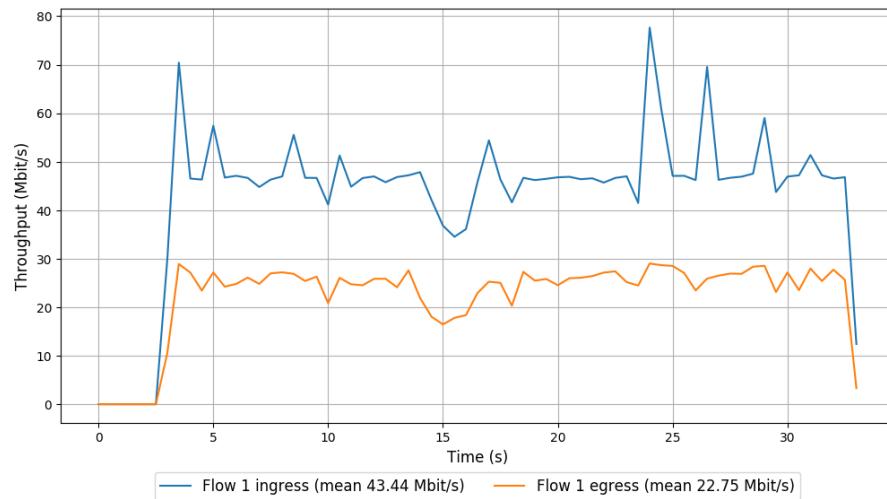
-- Flow 1:

Average throughput: 22.75 Mbit/s

95th percentile per-packet one-way delay: 44.706 ms

Loss rate: 47.71%

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

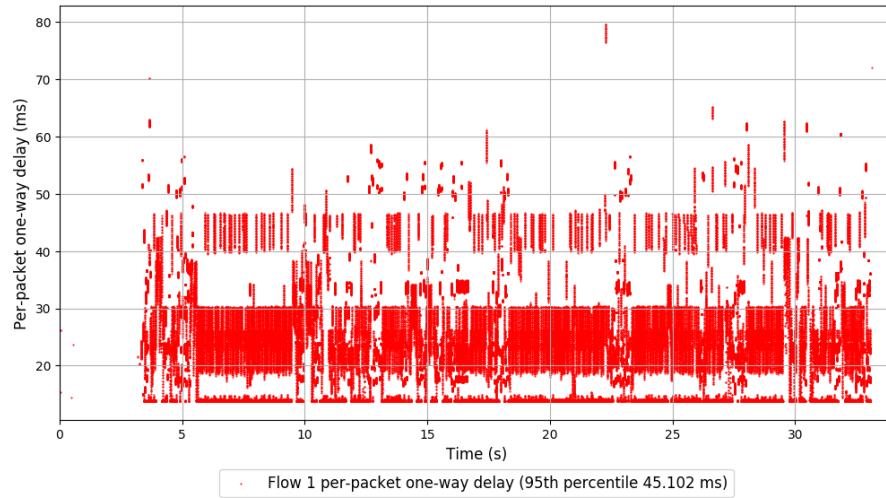
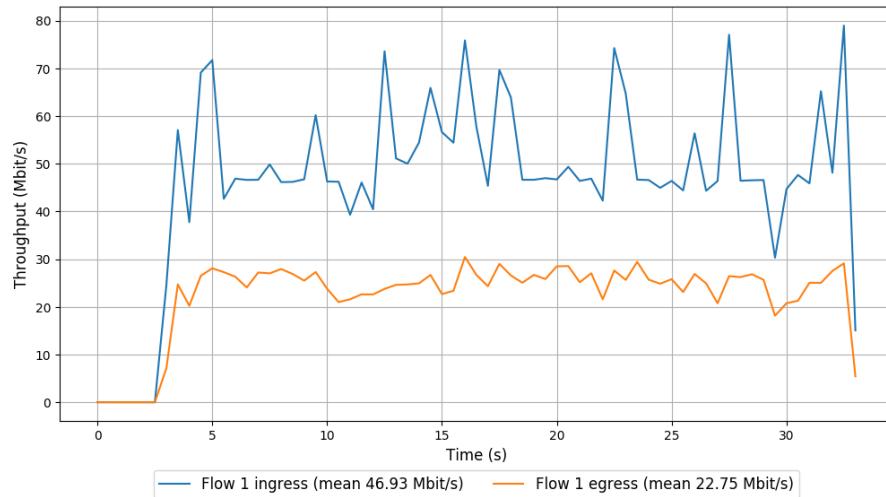


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:49:42 +0000
End at: Fri, 16 Jun 2017 02:50:12 +0000
Local clock offset: 5.135 ms
Remote clock offset: -1.635 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.75 Mbit/s
95th percentile per-packet one-way delay: 45.102 ms
Loss rate: 51.55%
-- Flow 1:
Average throughput: 22.75 Mbit/s
95th percentile per-packet one-way delay: 45.102 ms
Loss rate: 51.55%
```

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

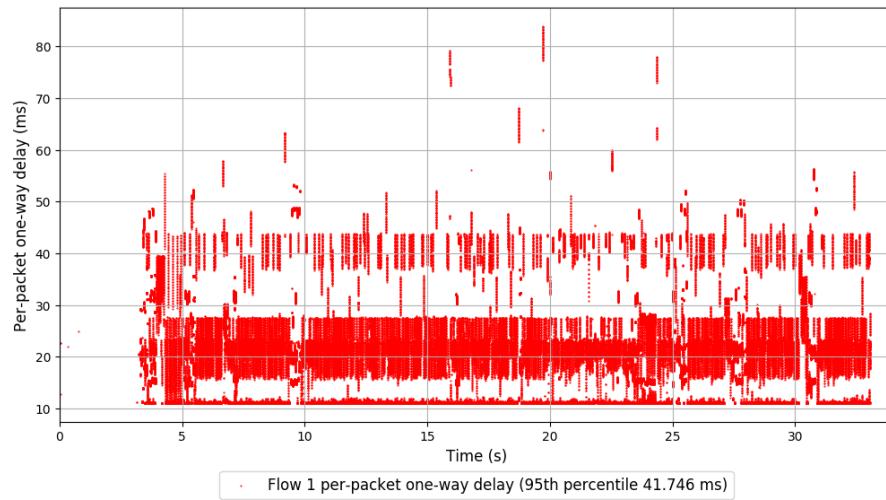
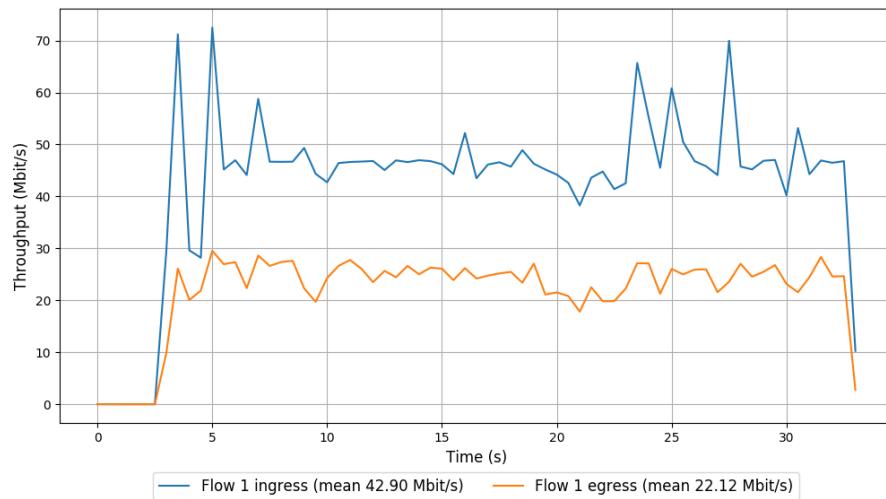


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:07:52 +0000
End at: Fri, 16 Jun 2017 03:08:22 +0000
Local clock offset: 0.665 ms
Remote clock offset: -2.596 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 41.746 ms
Loss rate: 48.56%
-- Flow 1:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 41.746 ms
Loss rate: 48.56%
```

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

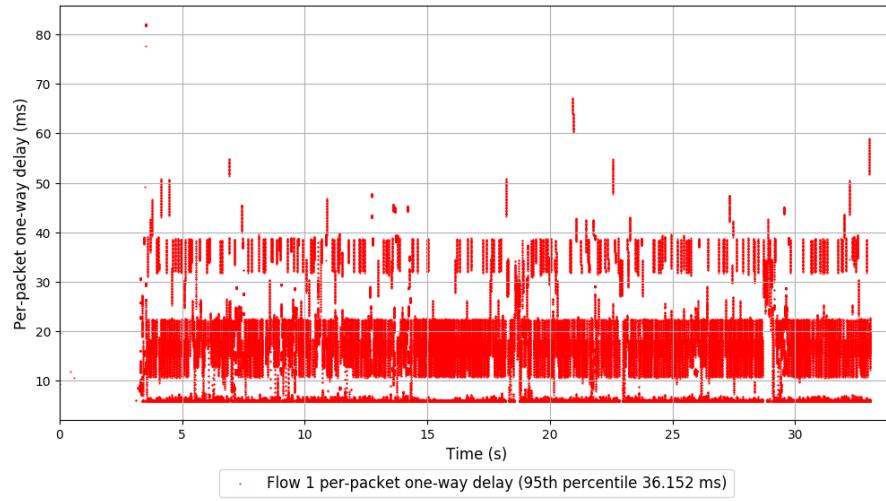
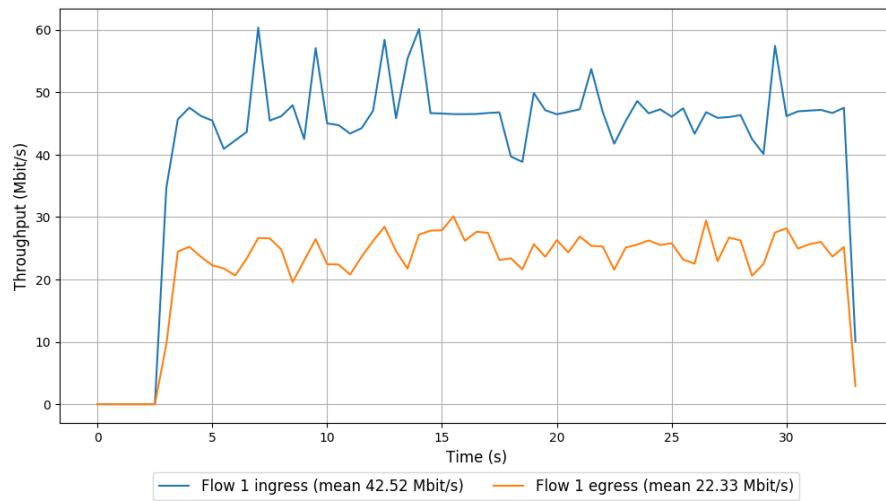


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:26:43 +0000
End at: Fri, 16 Jun 2017 03:27:13 +0000
Local clock offset: 5.544 ms
Remote clock offset: -3.179 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 36.152 ms
Loss rate: 47.58%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 36.152 ms
Loss rate: 47.58%
```

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

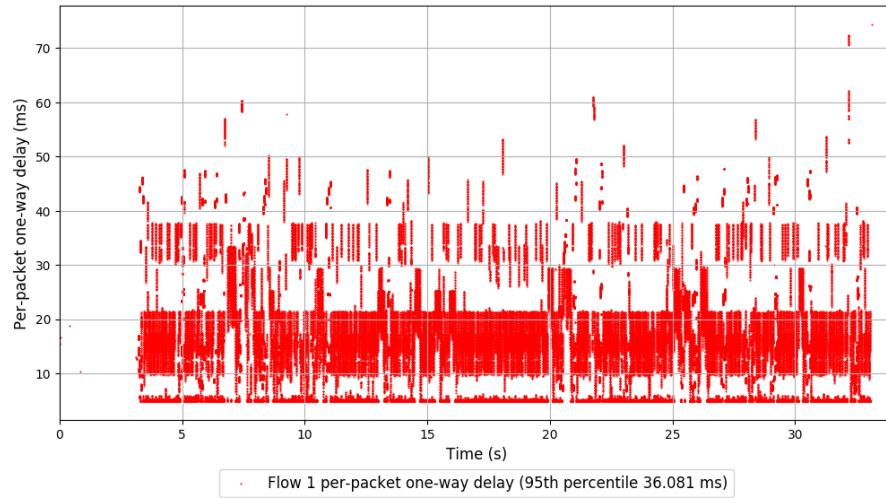
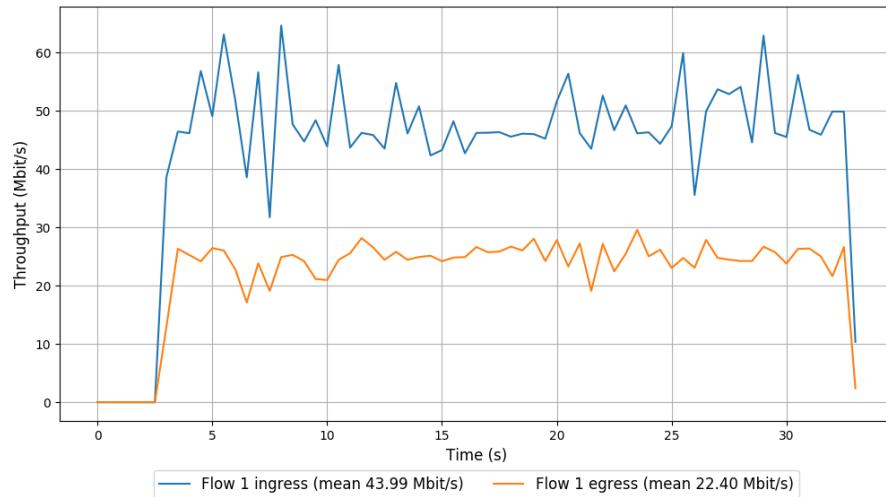


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:44:59 +0000
End at: Fri, 16 Jun 2017 03:45:29 +0000
Local clock offset: 2.768 ms
Remote clock offset: -3.668 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 36.081 ms
Loss rate: 49.12%
-- Flow 1:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 36.081 ms
Loss rate: 49.12%
```

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

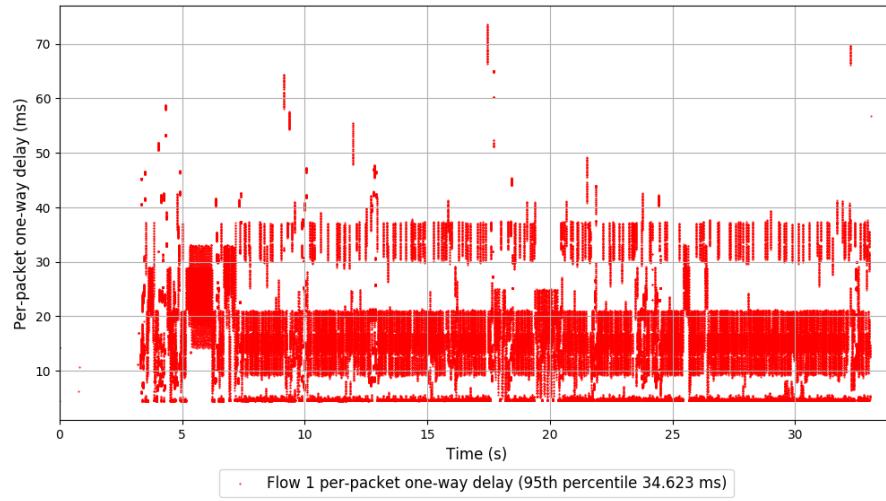
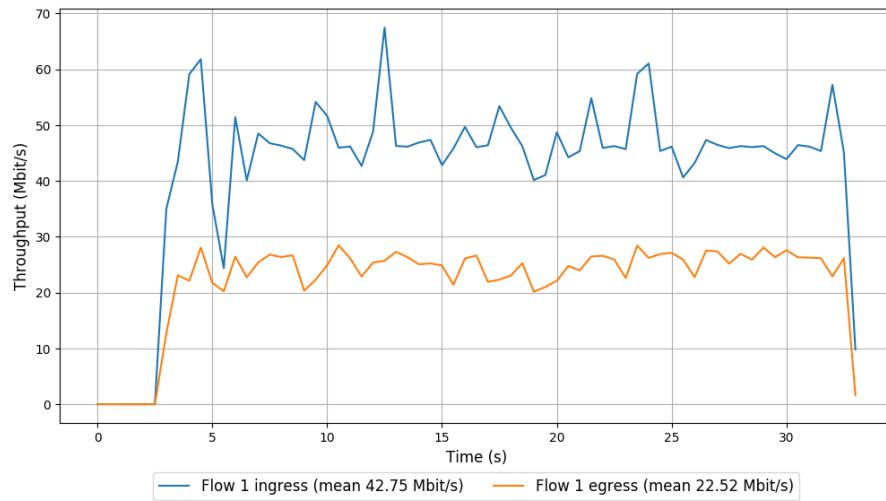


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:03:19 +0000
End at: Fri, 16 Jun 2017 04:03:49 +0000
Local clock offset: 6.064 ms
Remote clock offset: -3.842 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.52 Mbit/s
95th percentile per-packet one-way delay: 34.623 ms
Loss rate: 47.38%
-- Flow 1:
Average throughput: 22.52 Mbit/s
95th percentile per-packet one-way delay: 34.623 ms
Loss rate: 47.38%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:21:41 +0000

End at: Fri, 16 Jun 2017 04:22:11 +0000

Local clock offset: 4.727 ms

Remote clock offset: -4.469 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:28:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.73 Mbit/s

95th percentile per-packet one-way delay: 35.777 ms

Loss rate: 50.49%

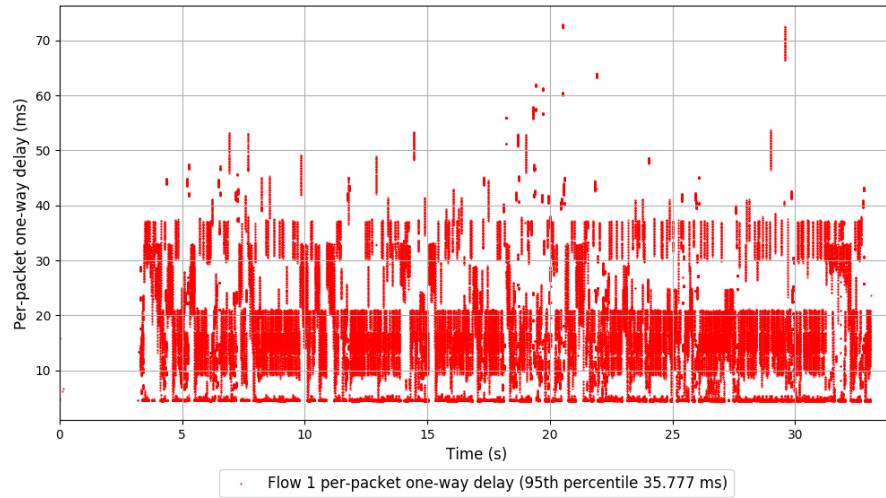
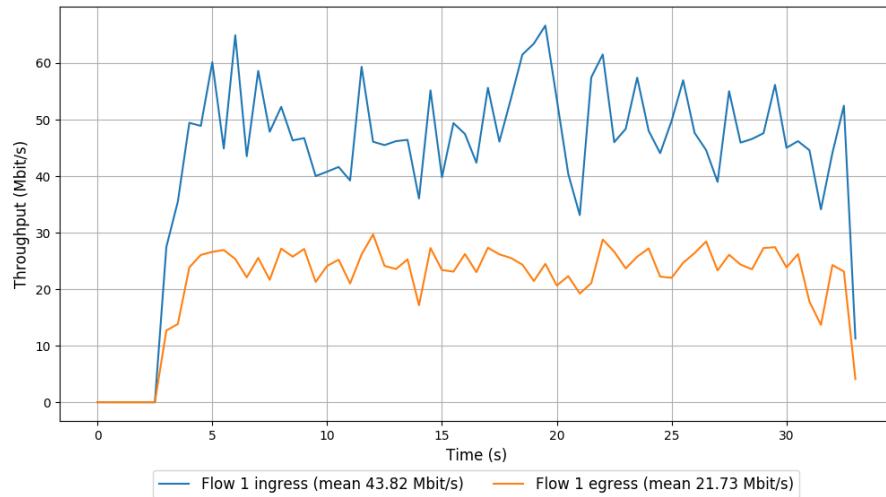
-- Flow 1:

Average throughput: 21.73 Mbit/s

95th percentile per-packet one-way delay: 35.777 ms

Loss rate: 50.49%

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

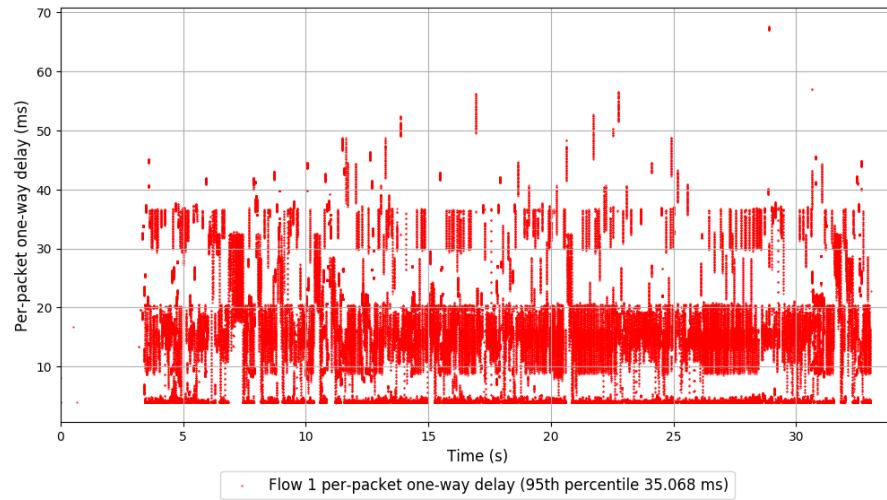
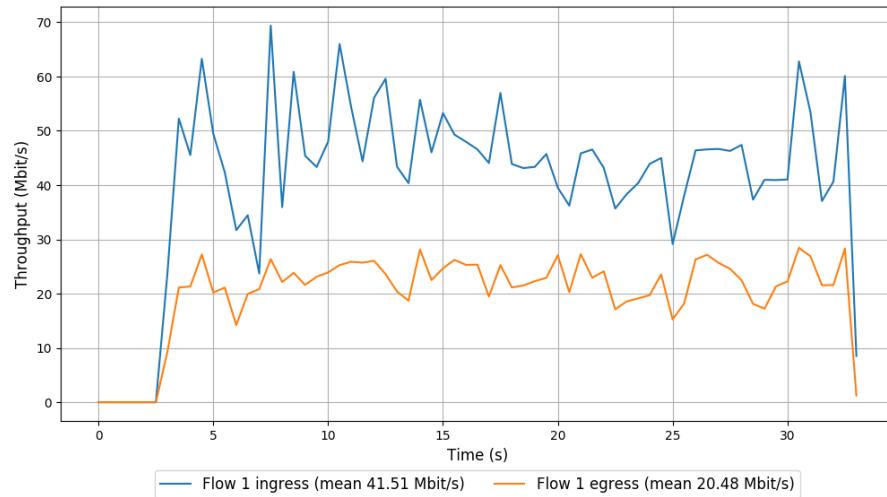


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:39:51 +0000
End at: Fri, 16 Jun 2017 04:40:21 +0000
Local clock offset: 7.054 ms
Remote clock offset: -3.557 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 35.068 ms
Loss rate: 50.75%
-- Flow 1:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 35.068 ms
Loss rate: 50.75%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:58:49 +0000

End at: Fri, 16 Jun 2017 04:59:19 +0000

Local clock offset: 1.438 ms

Remote clock offset: -3.505 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:29:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.41 Mbit/s

95th percentile per-packet one-way delay: 35.589 ms

Loss rate: 50.47%

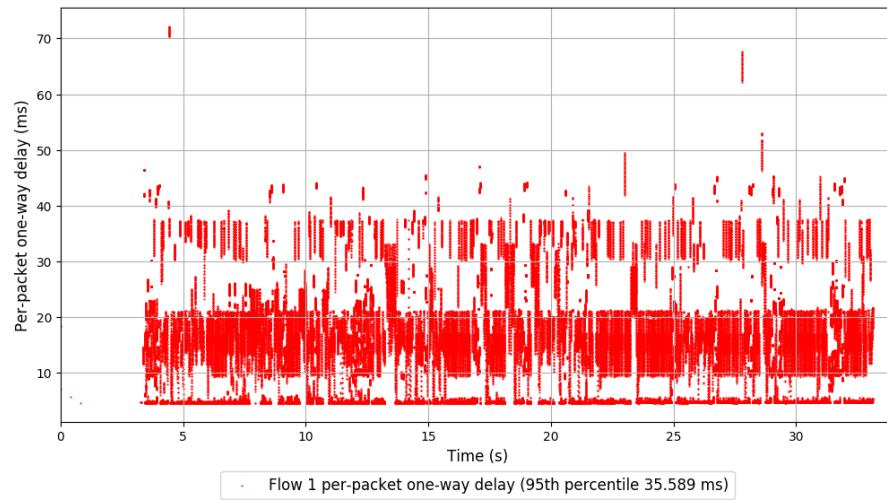
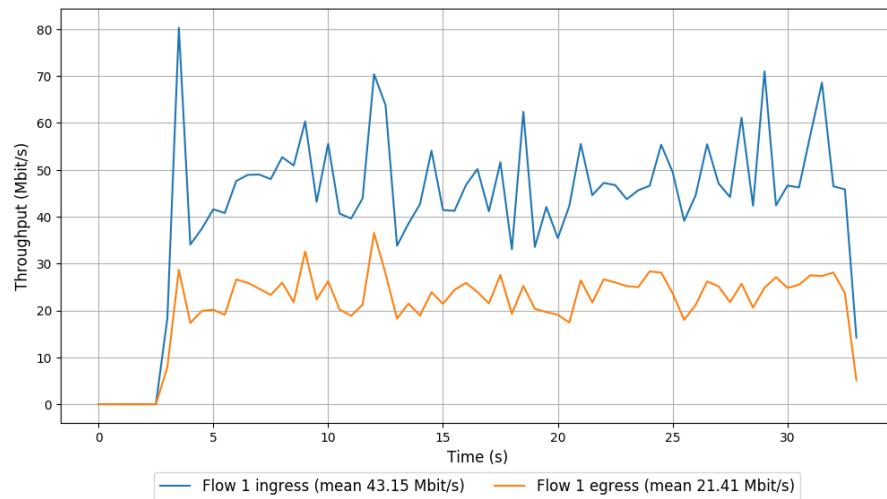
-- Flow 1:

Average throughput: 21.41 Mbit/s

95th percentile per-packet one-way delay: 35.589 ms

Loss rate: 50.47%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 05:17:27 +0000

End at: Fri, 16 Jun 2017 05:17:57 +0000

Local clock offset: 3.958 ms

Remote clock offset: -1.067 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:29:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.70 Mbit/s

95th percentile per-packet one-way delay: 40.576 ms

Loss rate: 48.56%

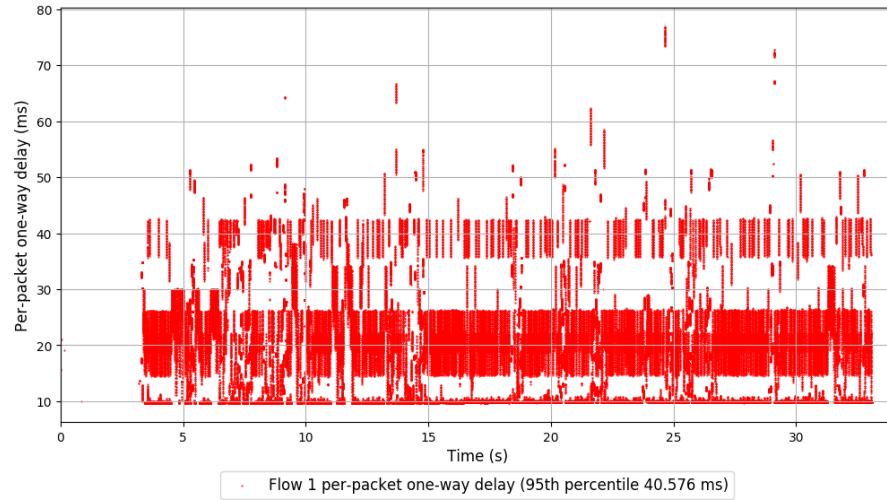
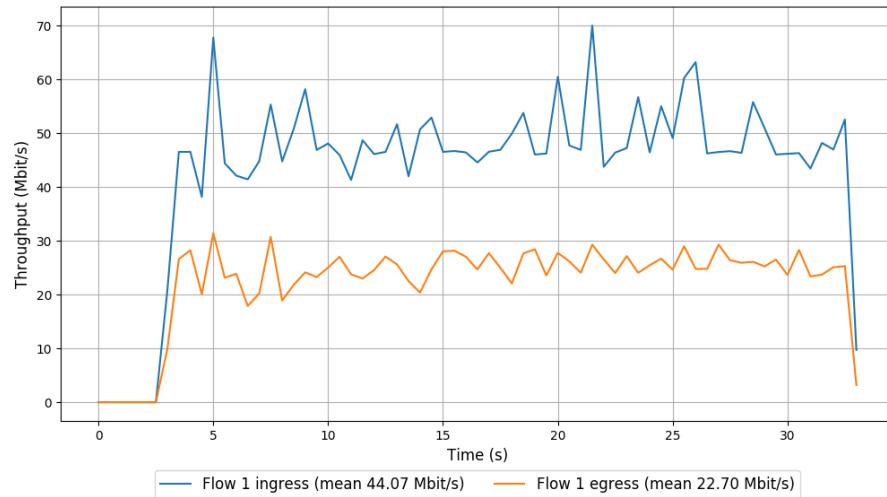
-- Flow 1:

Average throughput: 22.70 Mbit/s

95th percentile per-packet one-way delay: 40.576 ms

Loss rate: 48.56%

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

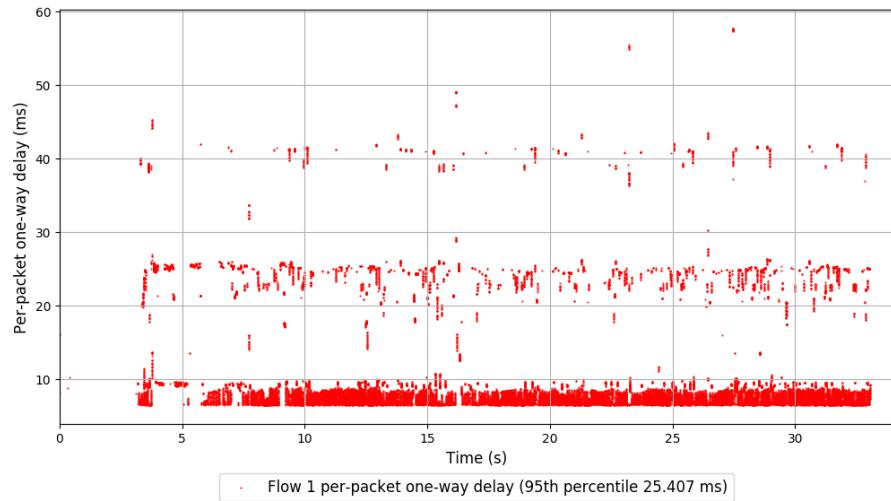
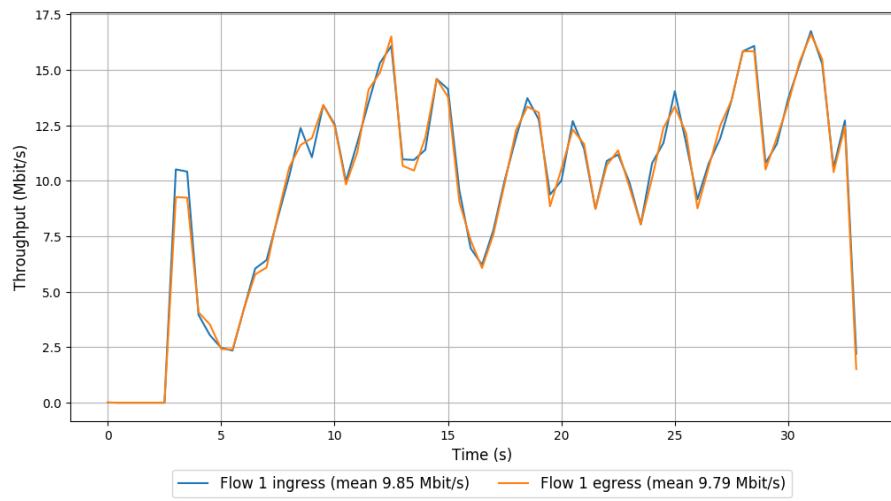


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:19:30 +0000
End at: Fri, 16 Jun 2017 02:20:00 +0000
Local clock offset: -0.328 ms
Remote clock offset: -0.493 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 25.407 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 25.407 ms
Loss rate: 0.75%
```

Run 1: Report of TCP Vegas — Data Link

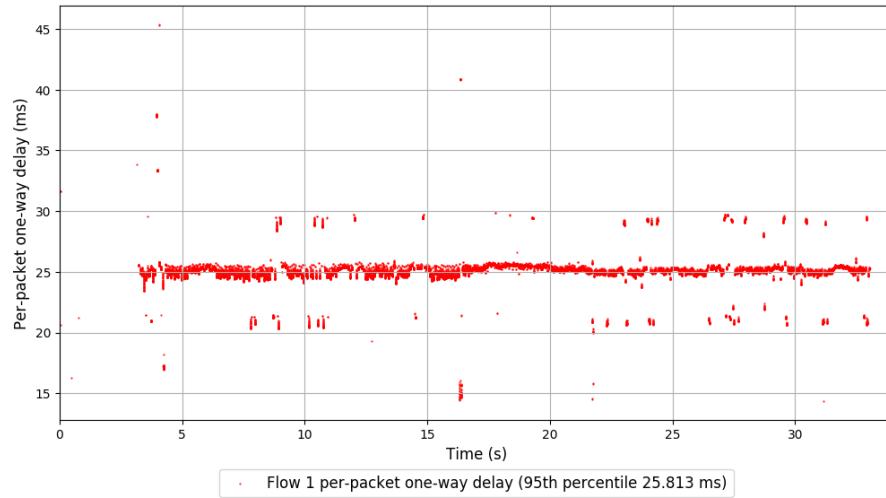
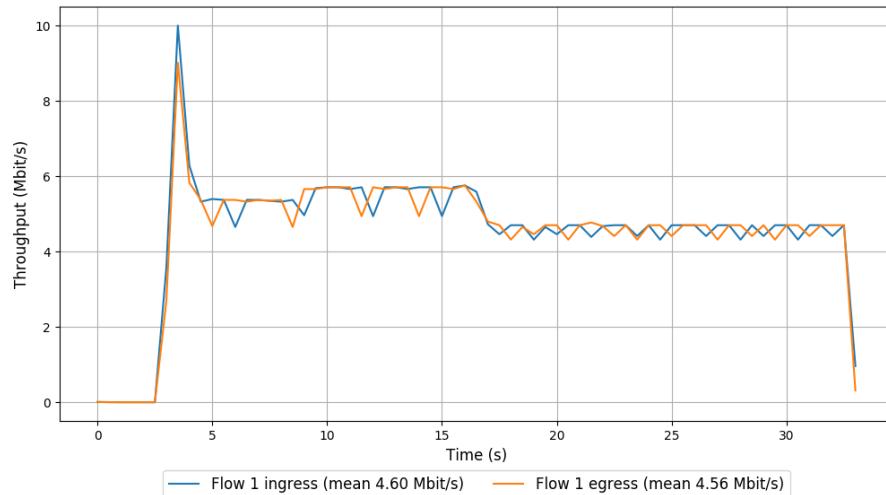


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:37:41 +0000
End at: Fri, 16 Jun 2017 02:38:11 +0000
Local clock offset: 5.061 ms
Remote clock offset: -1.55 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.56 Mbit/s
95th percentile per-packet one-way delay: 25.813 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 4.56 Mbit/s
95th percentile per-packet one-way delay: 25.813 ms
Loss rate: 0.96%
```

Run 2: Report of TCP Vegas — Data Link

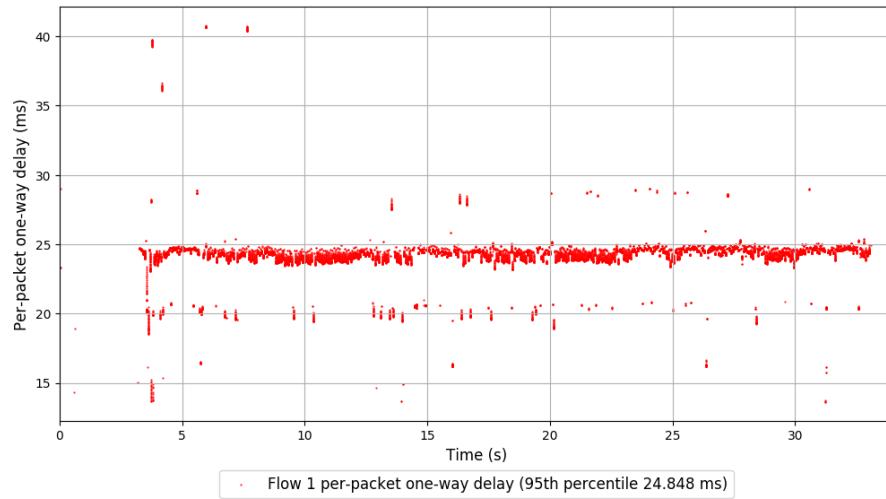
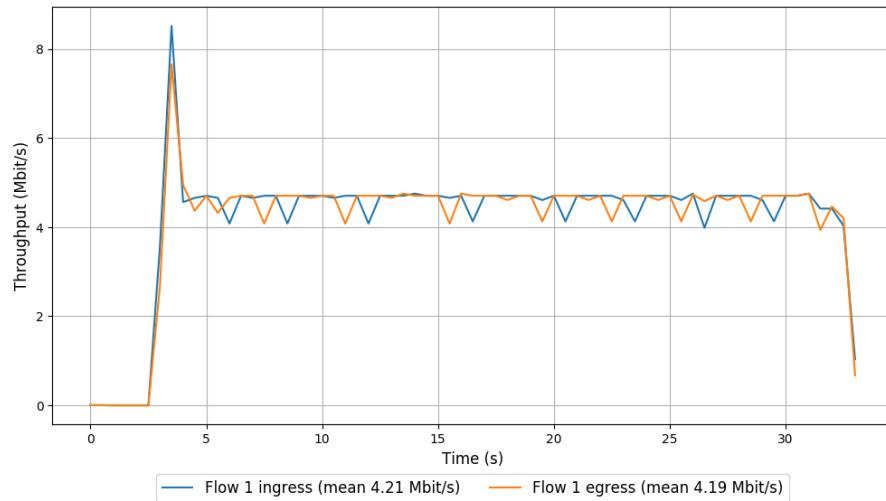


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:56:00 +0000
End at: Fri, 16 Jun 2017 02:56:30 +0000
Local clock offset: -0.254 ms
Remote clock offset: -2.312 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 24.848 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 24.848 ms
Loss rate: 0.71%
```

Run 3: Report of TCP Vegas — Data Link

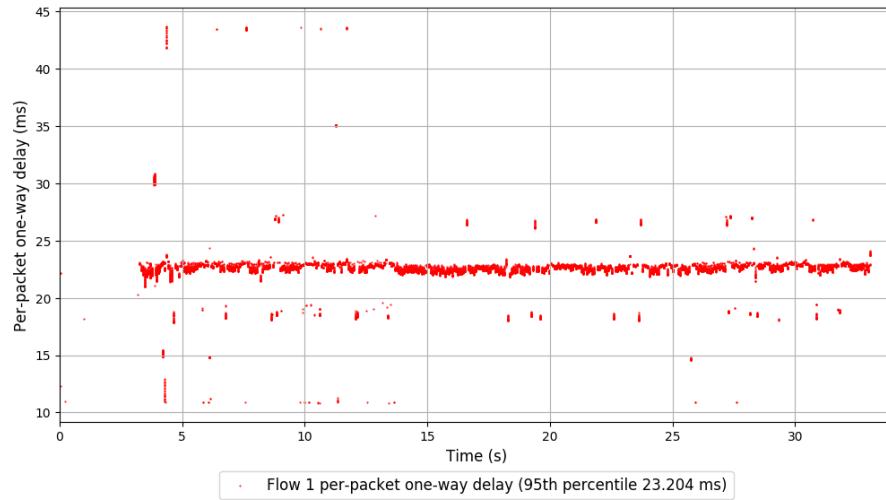
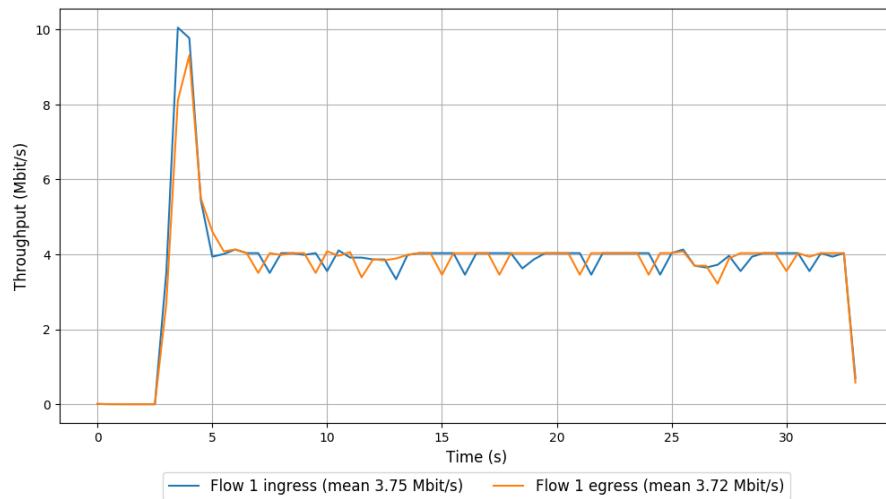


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:14:22 +0000
End at: Fri, 16 Jun 2017 03:14:52 +0000
Local clock offset: 1.568 ms
Remote clock offset: -3.565 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 23.204 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 23.204 ms
Loss rate: 1.03%
```

Run 4: Report of TCP Vegas — Data Link

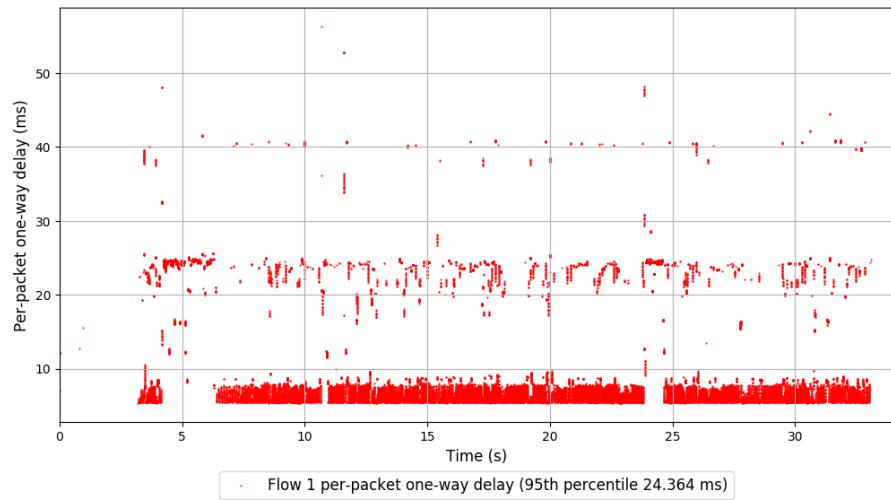
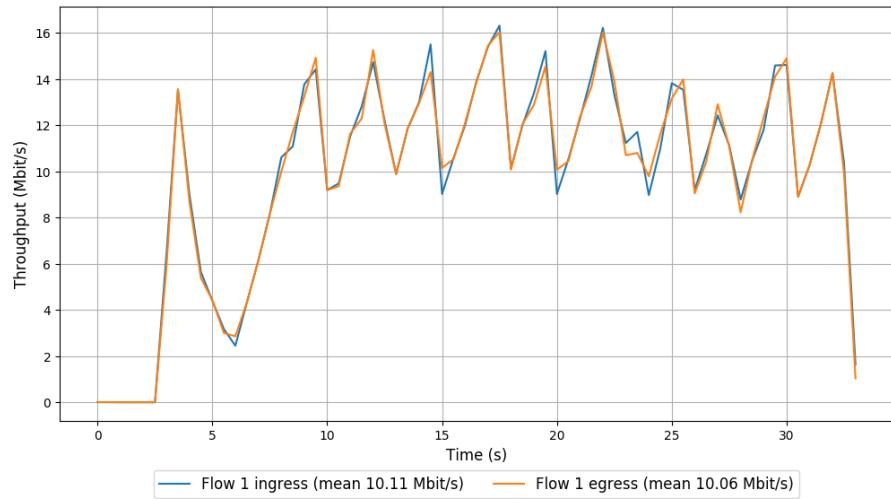


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:33:06 +0000
End at: Fri, 16 Jun 2017 03:33:36 +0000
Local clock offset: 1.869 ms
Remote clock offset: -3.208 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 24.364 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 24.364 ms
Loss rate: 0.46%
```

Run 5: Report of TCP Vegas — Data Link

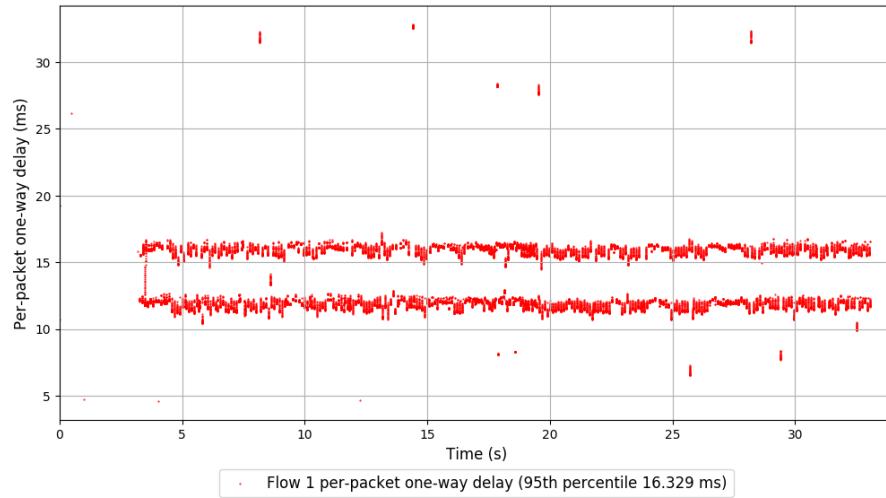
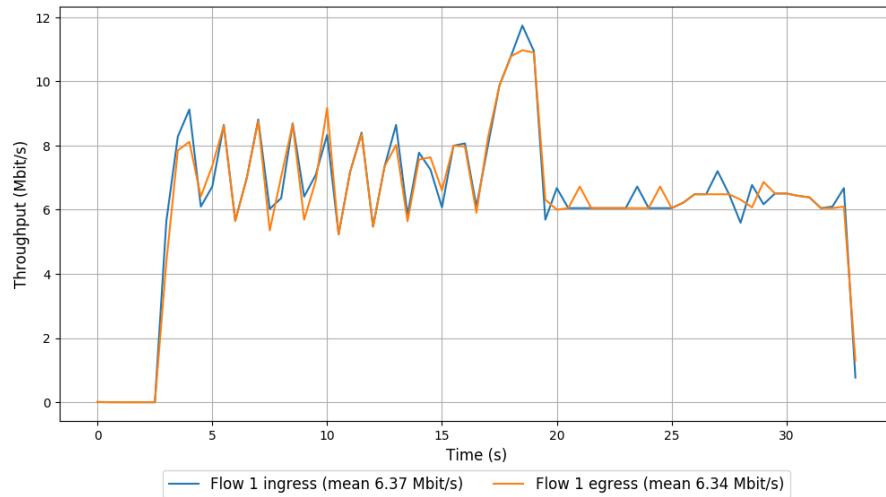


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:51:15 +0000
End at: Fri, 16 Jun 2017 03:51:45 +0000
Local clock offset: 6.024 ms
Remote clock offset: -3.513 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 16.329 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 16.329 ms
Loss rate: 0.58%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 04:09:35 +0000

End at: Fri, 16 Jun 2017 04:10:05 +0000

Local clock offset: 2.066 ms

Remote clock offset: -3.751 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:30:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.57 Mbit/s

95th percentile per-packet one-way delay: 17.113 ms

Loss rate: 0.89%

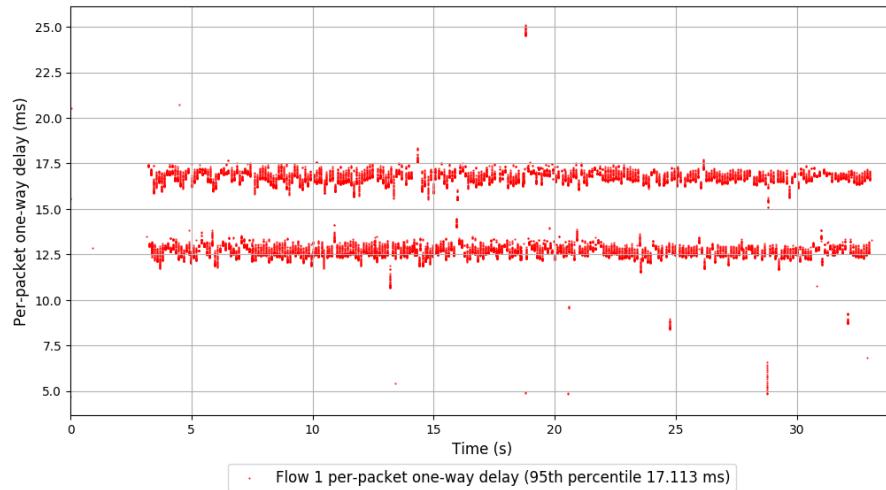
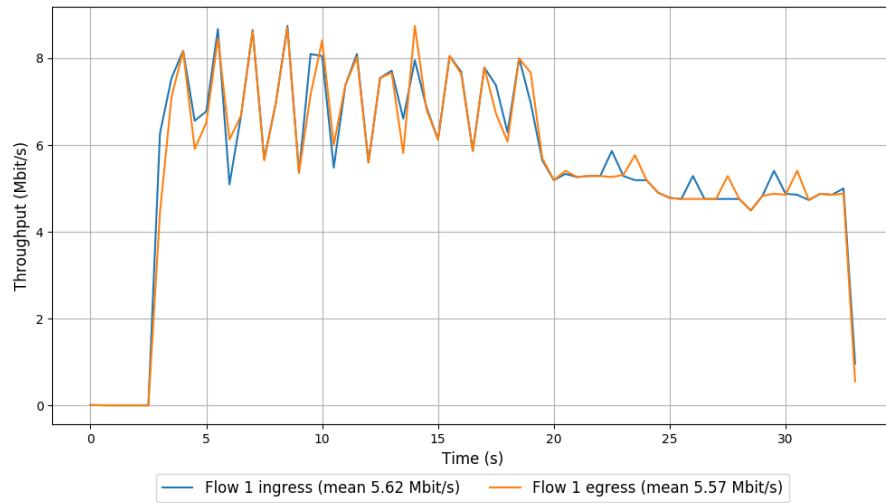
-- Flow 1:

Average throughput: 5.57 Mbit/s

95th percentile per-packet one-way delay: 17.113 ms

Loss rate: 0.89%

Run 7: Report of TCP Vegas — Data Link

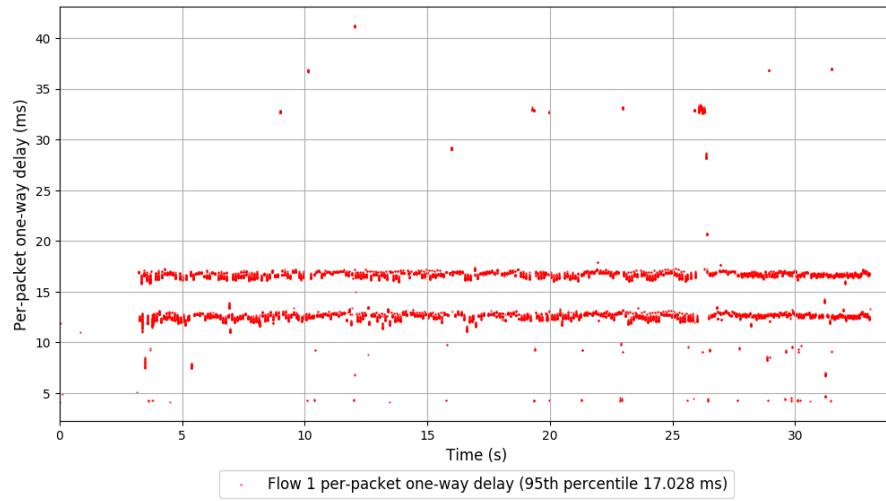
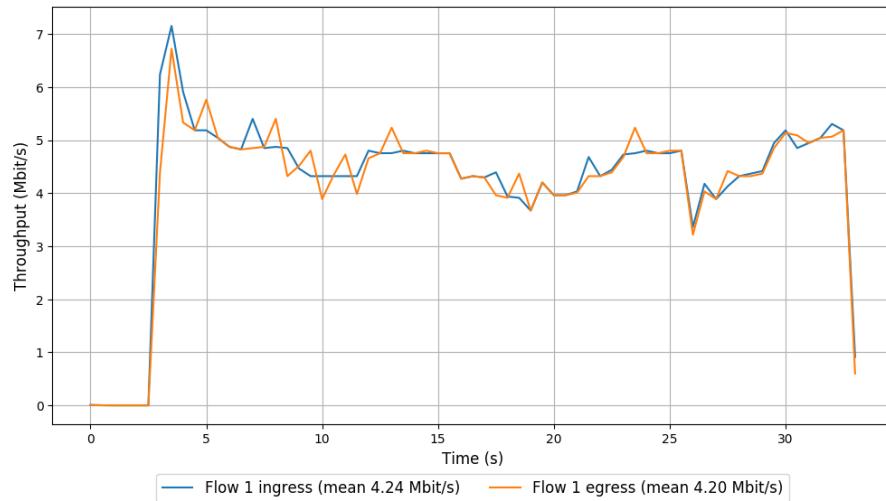


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:28:03 +0000
End at: Fri, 16 Jun 2017 04:28:33 +0000
Local clock offset: 1.64 ms
Remote clock offset: -3.672 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 17.028 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 17.028 ms
Loss rate: 1.01%
```

Run 8: Report of TCP Vegas — Data Link

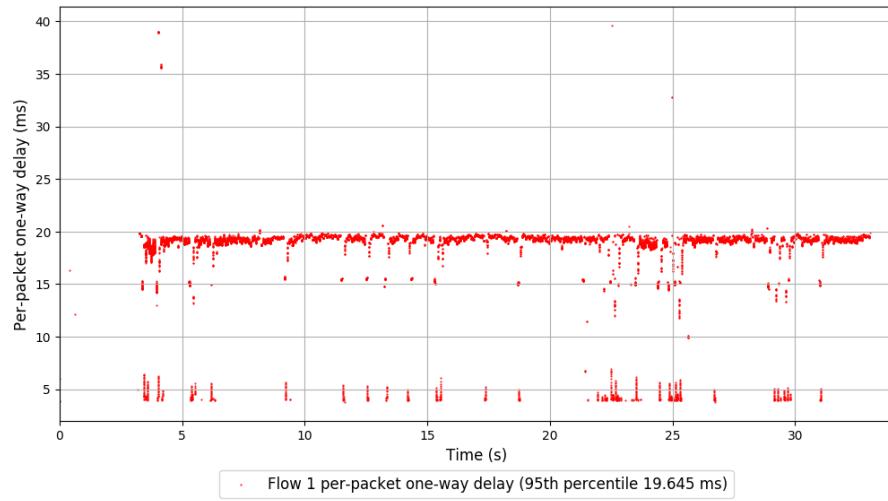
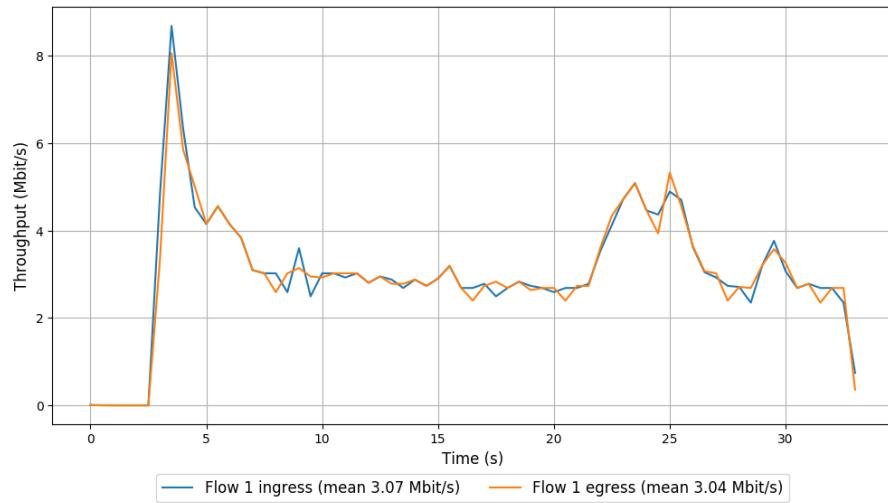


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:46:28 +0000
End at: Fri, 16 Jun 2017 04:46:58 +0000
Local clock offset: 3.836 ms
Remote clock offset: -4.405 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 19.645 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 19.645 ms
Loss rate: 1.23%
```

Run 9: Report of TCP Vegas — Data Link

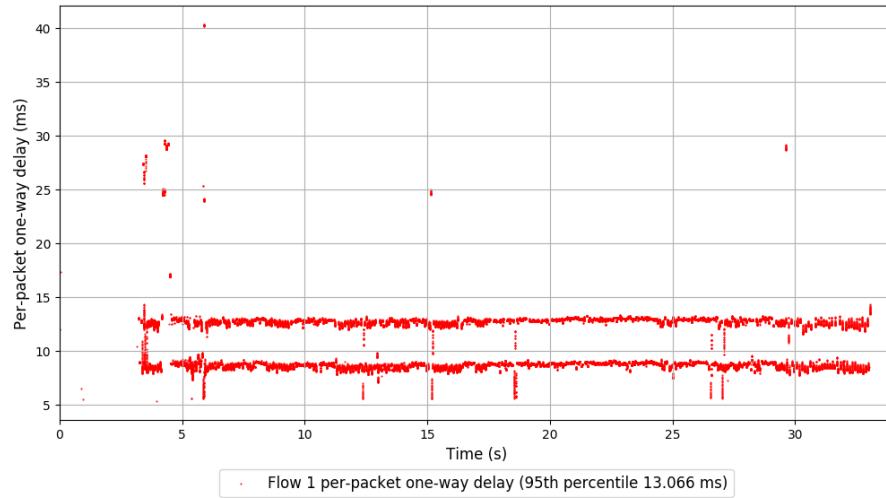
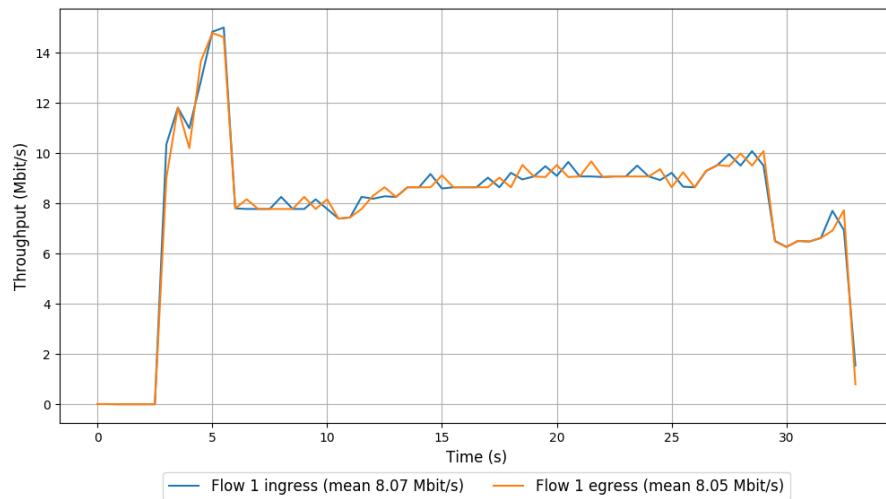


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 05:05:17 +0000
End at: Fri, 16 Jun 2017 05:05:47 +0000
Local clock offset: 5.529 ms
Remote clock offset: -2.308 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 13.066 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 13.066 ms
Loss rate: 0.40%
```

Run 10: Report of TCP Vegas — Data Link

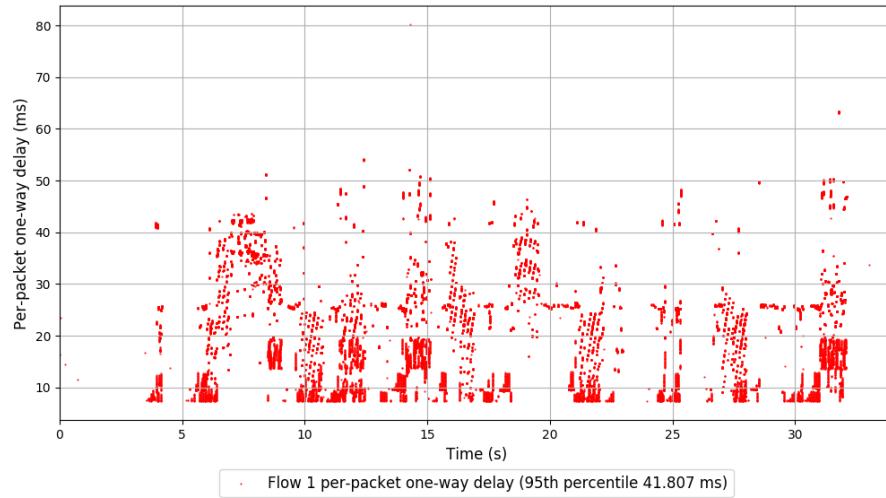
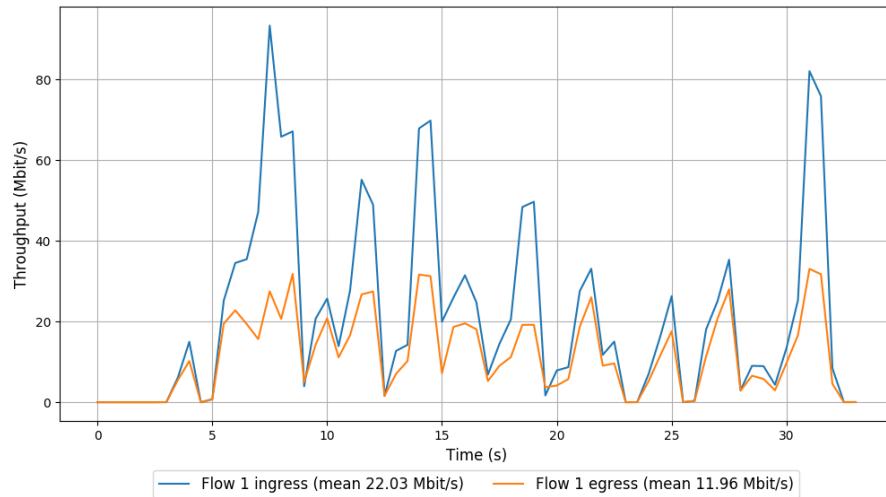


Run 1: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:20:41 +0000
End at: Fri, 16 Jun 2017 02:21:11 +0000
Local clock offset: -1.175 ms
Remote clock offset: -0.746 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 41.807 ms
Loss rate: 45.83%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 41.807 ms
Loss rate: 45.83%
```

Run 1: Report of Verus — Data Link

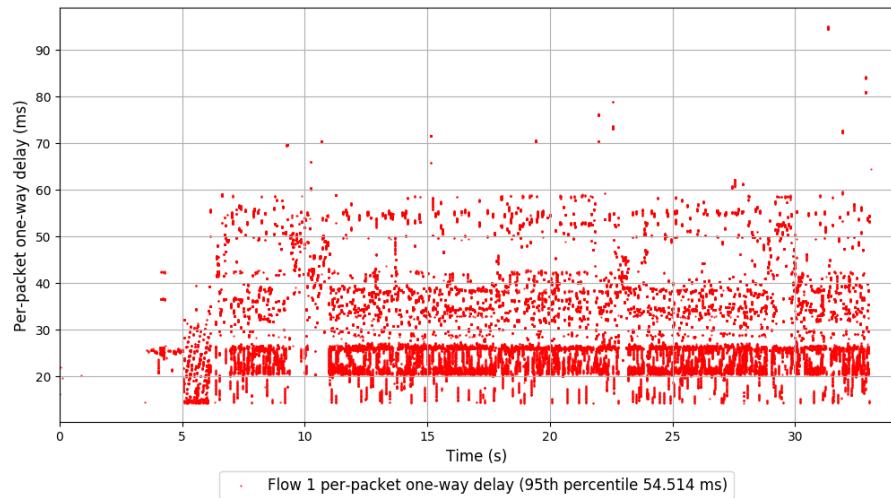
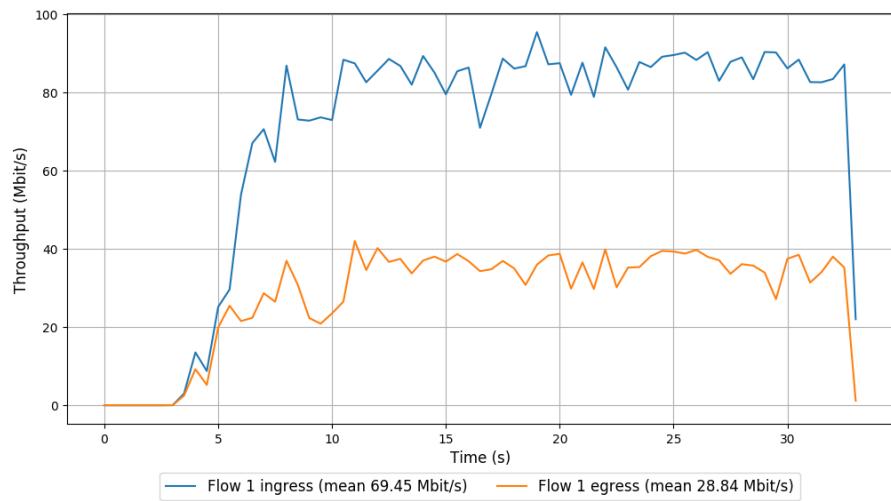


Run 2: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:38:50 +0000
End at: Fri, 16 Jun 2017 02:39:20 +0000
Local clock offset: 2.972 ms
Remote clock offset: -1.065 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 54.514 ms
Loss rate: 58.55%
-- Flow 1:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 54.514 ms
Loss rate: 58.55%
```

Run 2: Report of Verus — Data Link

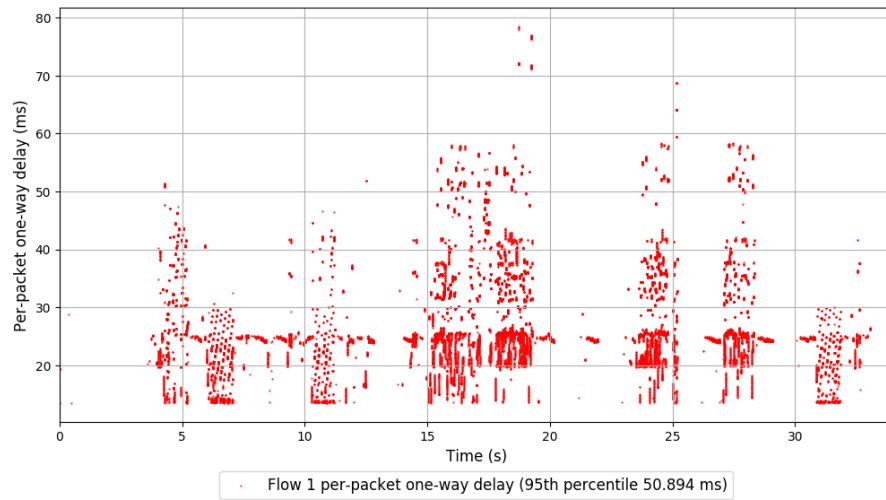
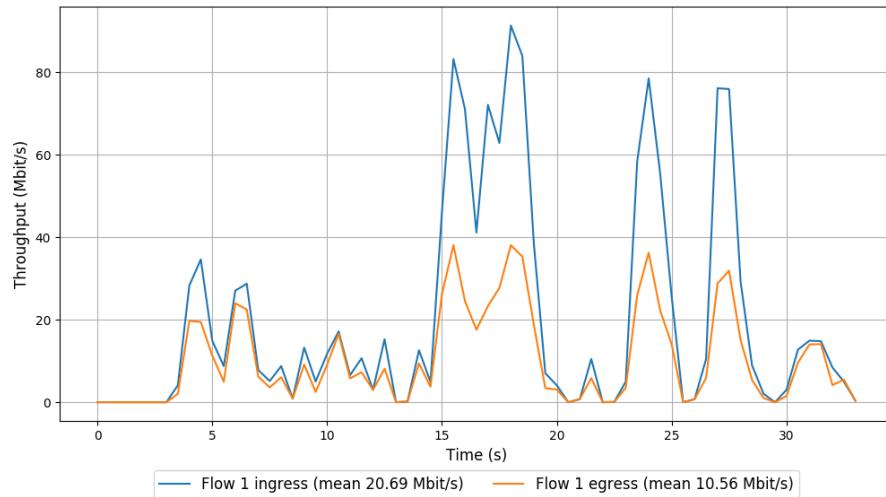


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:57:10 +0000
End at: Fri, 16 Jun 2017 02:57:40 +0000
Local clock offset: 6.762 ms
Remote clock offset: -2.243 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 50.894 ms
Loss rate: 48.95%
-- Flow 1:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 50.894 ms
Loss rate: 48.95%
```

Run 3: Report of Verus — Data Link

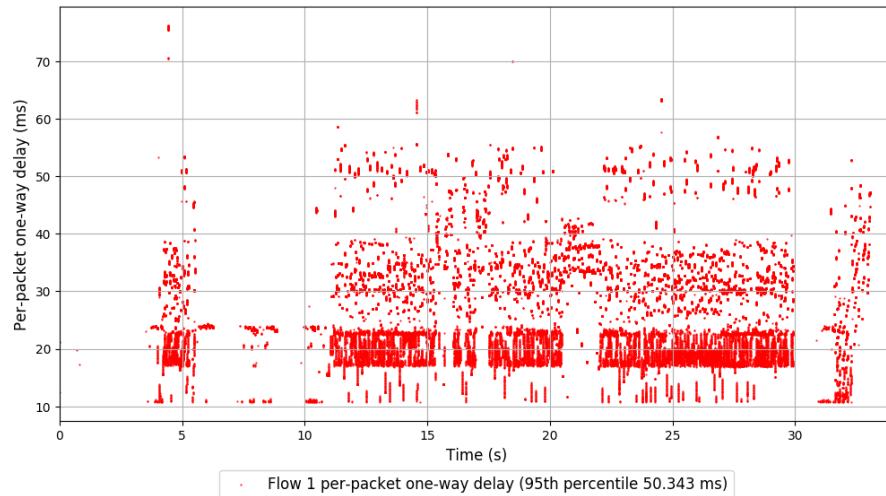
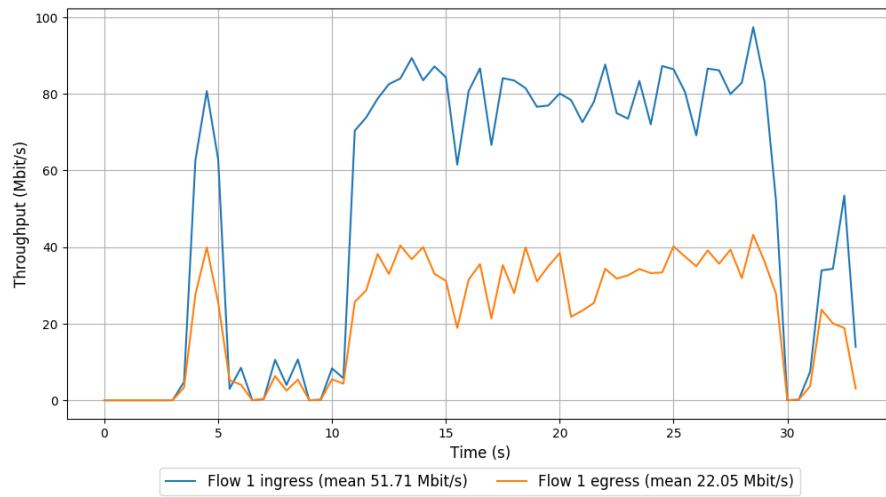


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:15:32 +0000
End at: Fri, 16 Jun 2017 03:16:02 +0000
Local clock offset: 5.079 ms
Remote clock offset: -2.177 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 57.49%
-- Flow 1:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 57.49%
```

Run 4: Report of Verus — Data Link

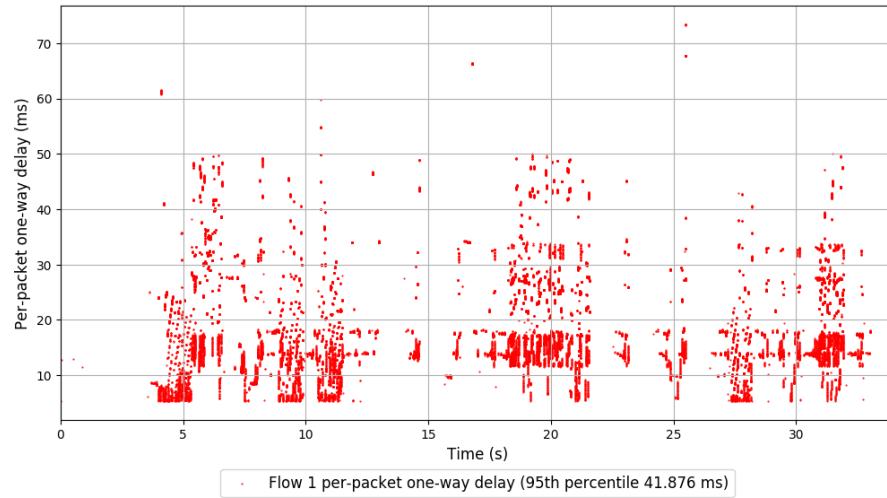
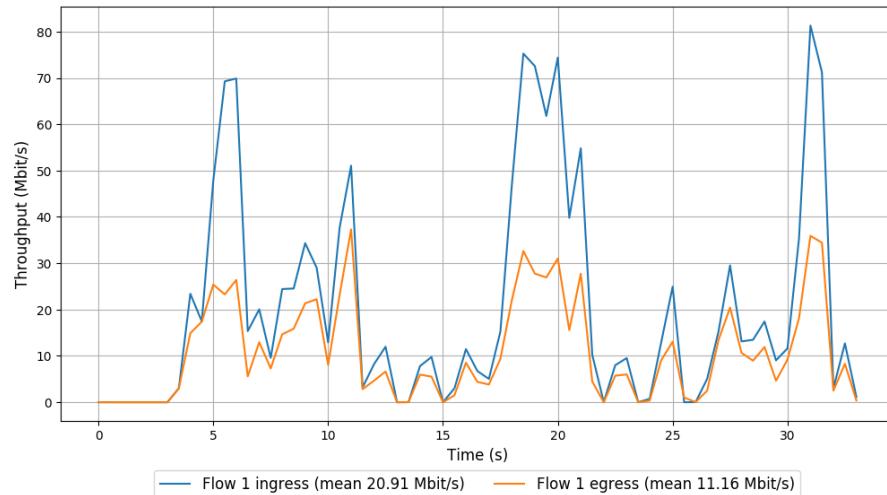


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:34:18 +0000
End at: Fri, 16 Jun 2017 03:34:48 +0000
Local clock offset: 3.564 ms
Remote clock offset: -3.825 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 41.876 ms
Loss rate: 46.73%
-- Flow 1:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 41.876 ms
Loss rate: 46.73%
```

Run 5: Report of Verus — Data Link

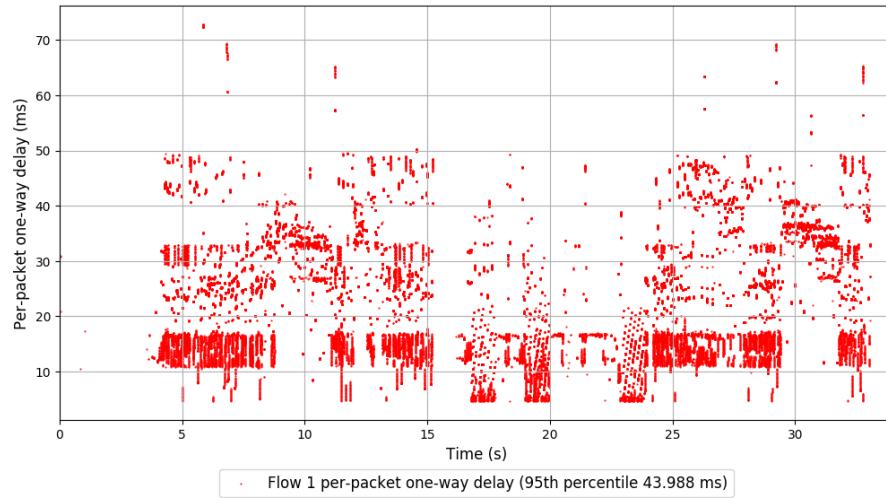
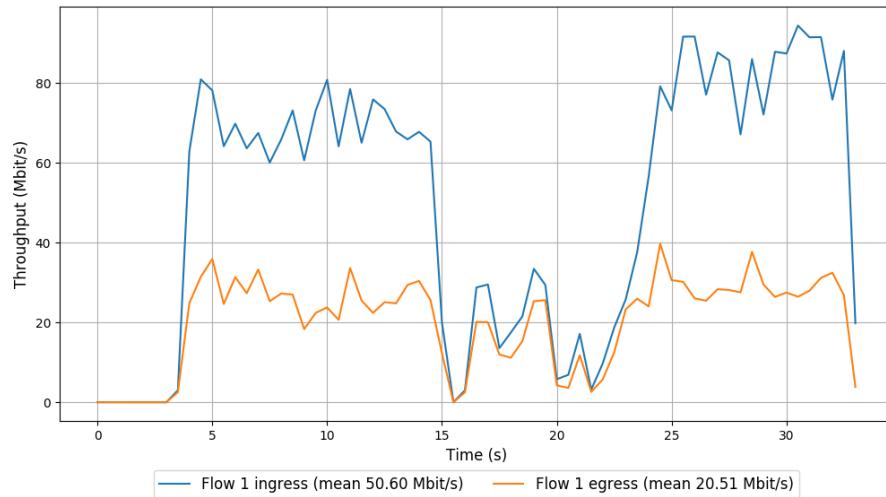


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:52:25 +0000
End at: Fri, 16 Jun 2017 03:52:55 +0000
Local clock offset: 5.444 ms
Remote clock offset: -4.206 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.51 Mbit/s
95th percentile per-packet one-way delay: 43.988 ms
Loss rate: 59.55%
-- Flow 1:
Average throughput: 20.51 Mbit/s
95th percentile per-packet one-way delay: 43.988 ms
Loss rate: 59.55%
```

Run 6: Report of Verus — Data Link

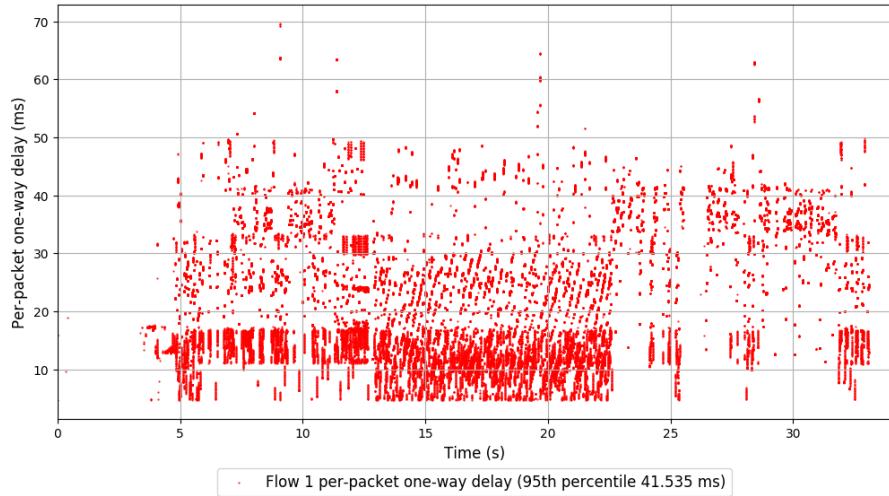
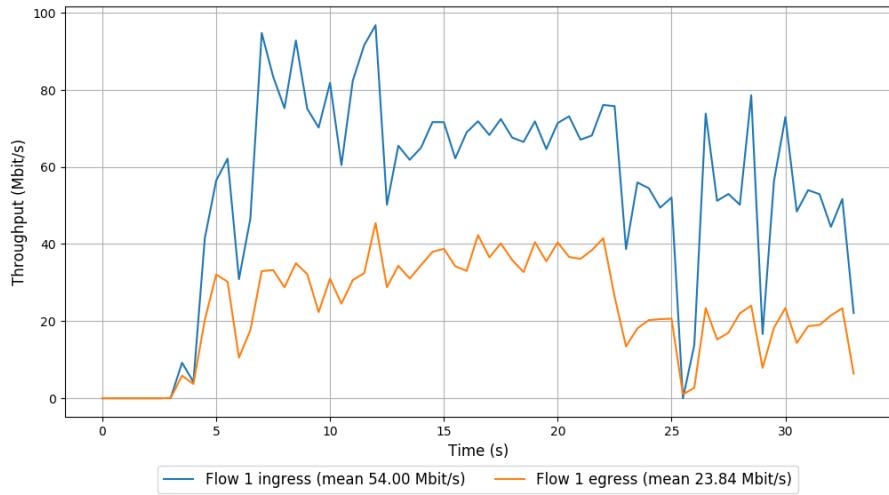


Run 7: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:10:44 +0000
End at: Fri, 16 Jun 2017 04:11:14 +0000
Local clock offset: 1.334 ms
Remote clock offset: -5.146 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 41.535 ms
Loss rate: 55.94%
-- Flow 1:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 41.535 ms
Loss rate: 55.94%
```

Run 7: Report of Verus — Data Link

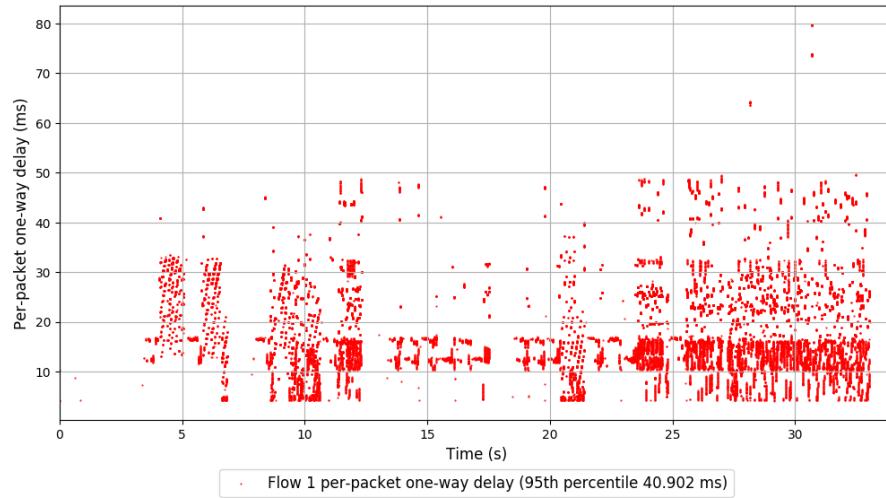
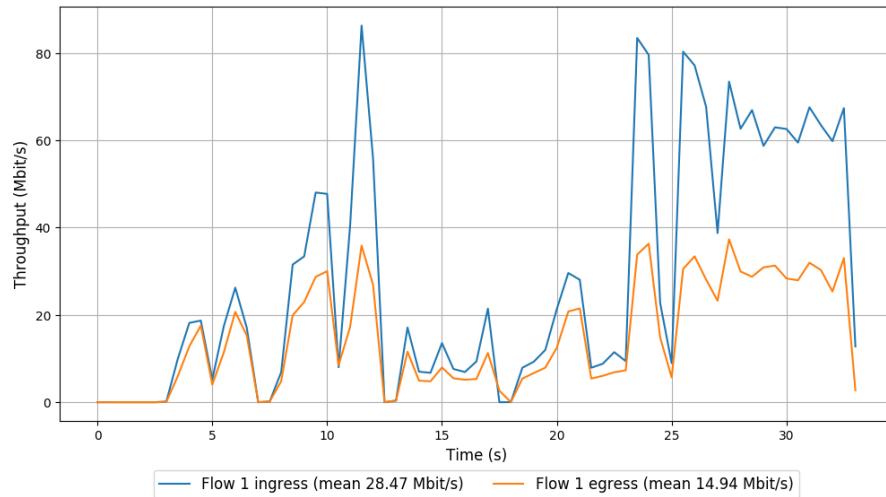


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:29:11 +0000
End at: Fri, 16 Jun 2017 04:29:41 +0000
Local clock offset: 0.529 ms
Remote clock offset: -4.211 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.94 Mbit/s
95th percentile per-packet one-way delay: 40.902 ms
Loss rate: 47.61%
-- Flow 1:
Average throughput: 14.94 Mbit/s
95th percentile per-packet one-way delay: 40.902 ms
Loss rate: 47.61%
```

Run 8: Report of Verus — Data Link

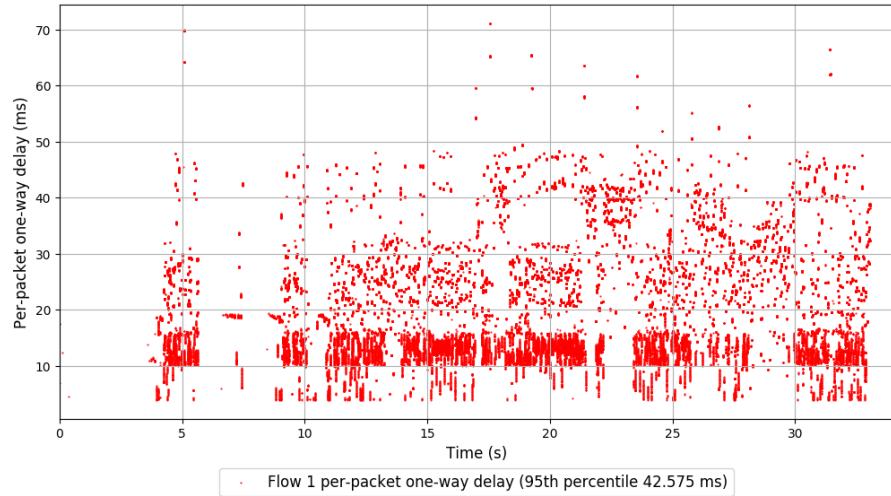
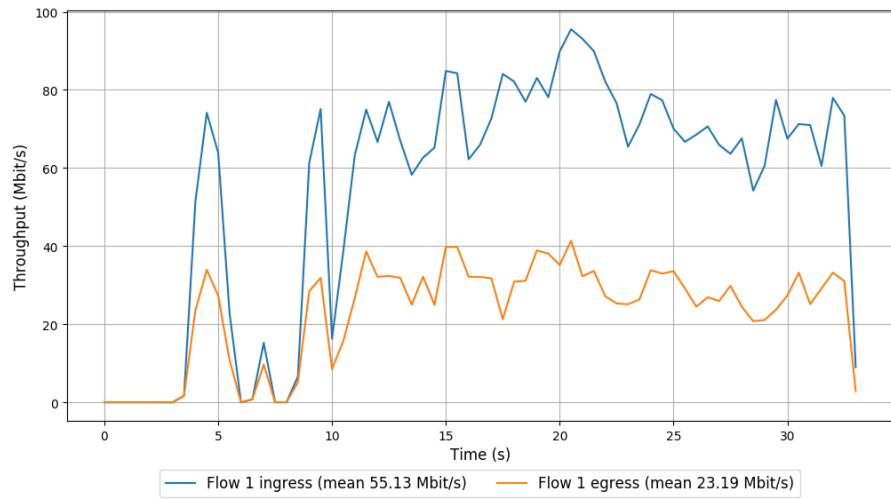


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:47:37 +0000
End at: Fri, 16 Jun 2017 04:48:07 +0000
Local clock offset: 6.959 ms
Remote clock offset: -4.282 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 42.575 ms
Loss rate: 58.06%
-- Flow 1:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 42.575 ms
Loss rate: 58.06%
```

Run 9: Report of Verus — Data Link

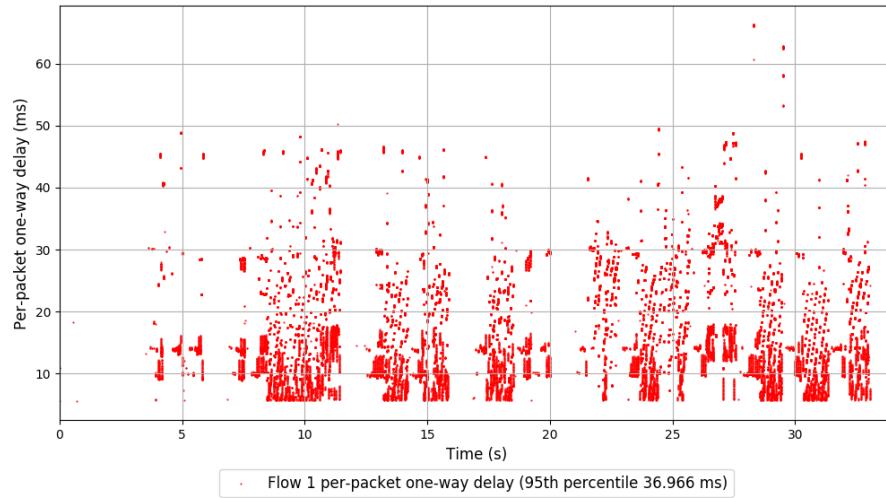
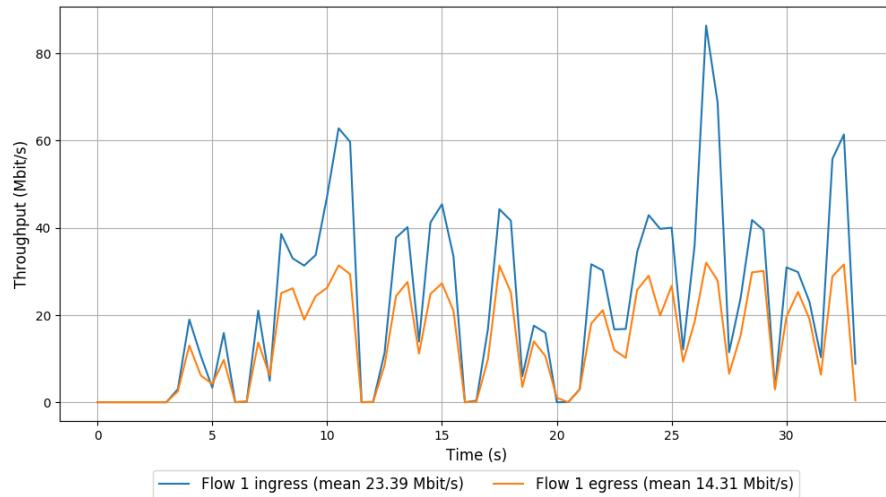


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 05:06:28 +0000
End at: Fri, 16 Jun 2017 05:06:58 +0000
Local clock offset: 6.484 ms
Remote clock offset: -2.172 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.31 Mbit/s
95th percentile per-packet one-way delay: 36.966 ms
Loss rate: 38.89%
-- Flow 1:
Average throughput: 14.31 Mbit/s
95th percentile per-packet one-way delay: 36.966 ms
Loss rate: 38.89%
```

Run 10: Report of Verus — Data Link

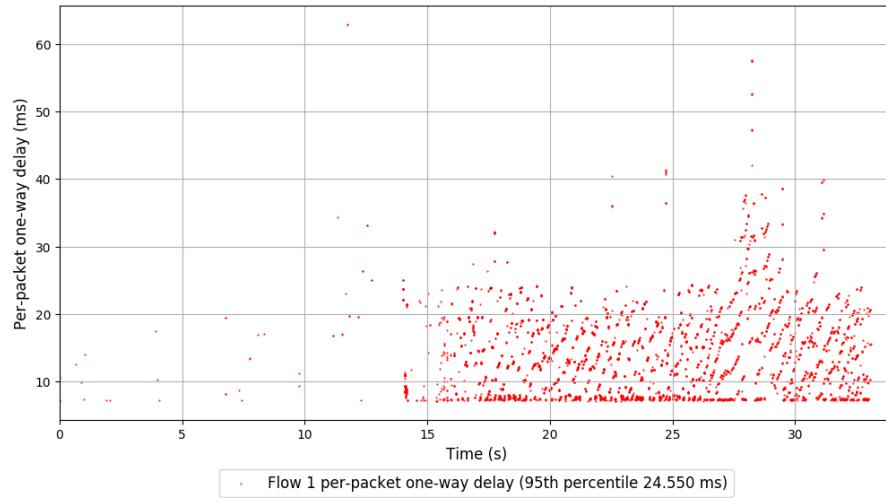
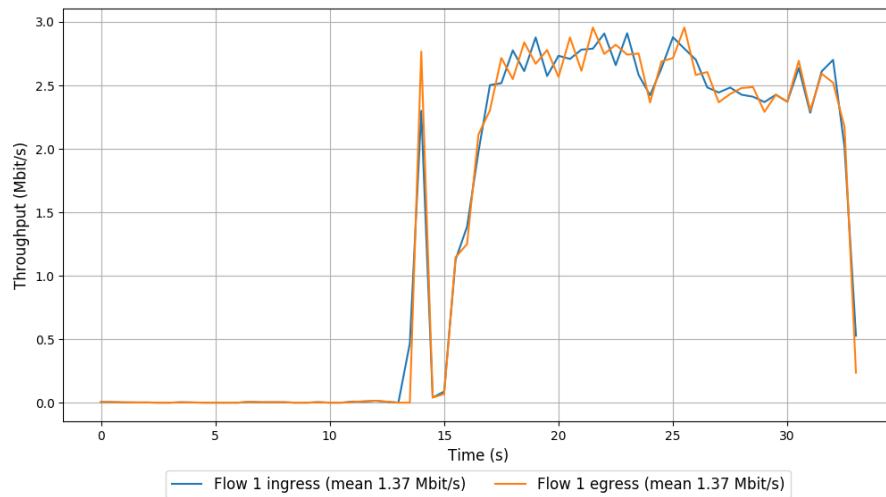


```
Run 1: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:25:32 +0000
End at: Fri, 16 Jun 2017 02:26:02 +0000
Local clock offset: 5.807 ms
Remote clock offset: -1.175 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 24.550 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 24.550 ms
Loss rate: 0.36%
```

Run 1: Report of WebRTC media — Data Link

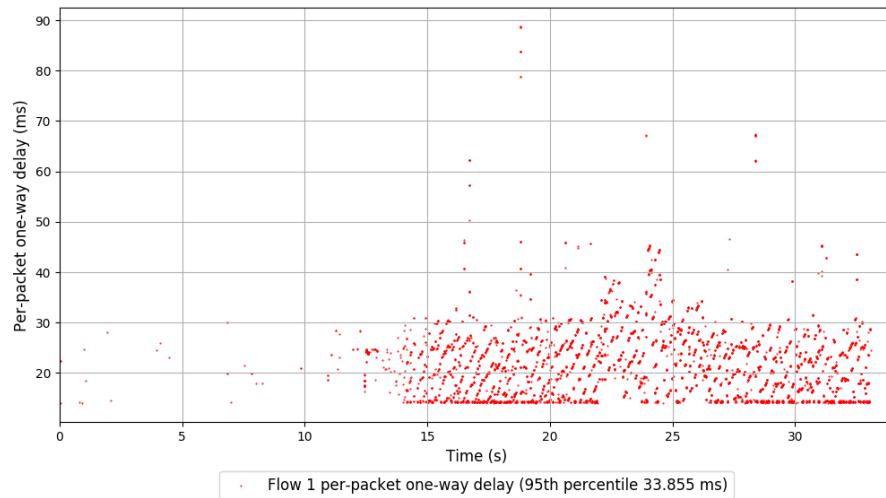
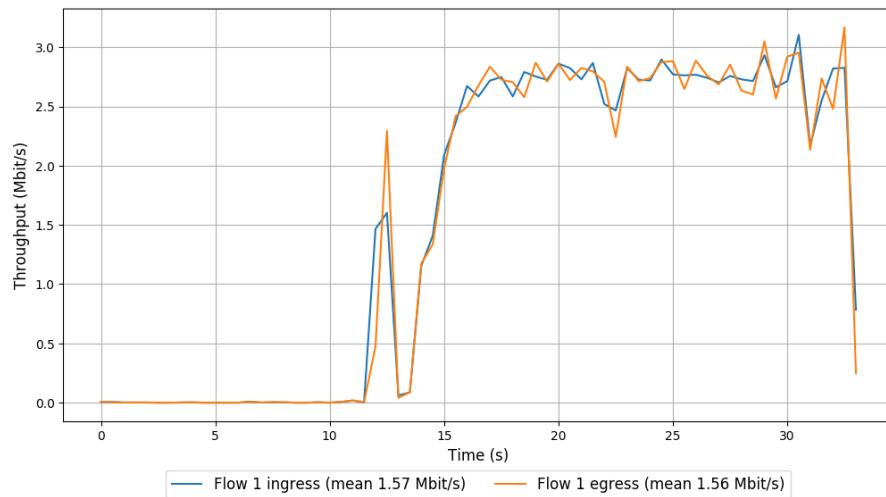


Run 2: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 02:44:00 +0000
End at: Fri, 16 Jun 2017 02:44:30 +0000
Local clock offset: 0.867 ms
Remote clock offset: -1.806 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 33.855 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 33.855 ms
Loss rate: 0.80%
```

Run 2: Report of WebRTC media — Data Link

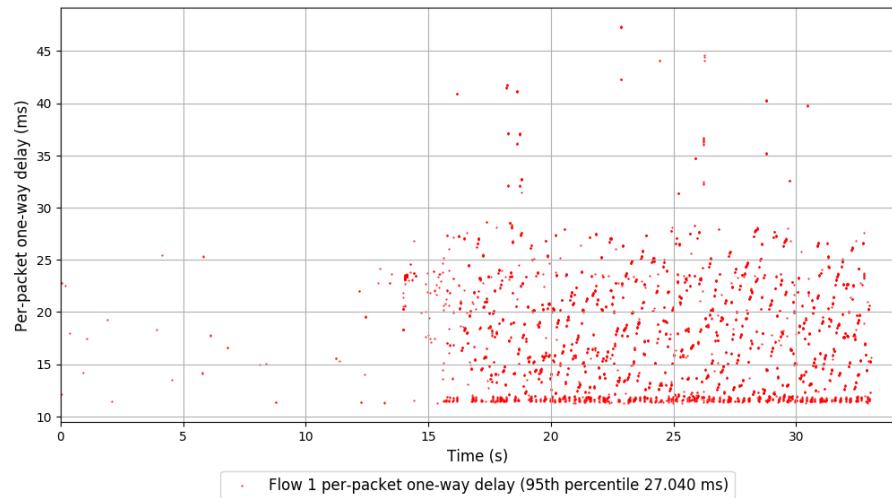
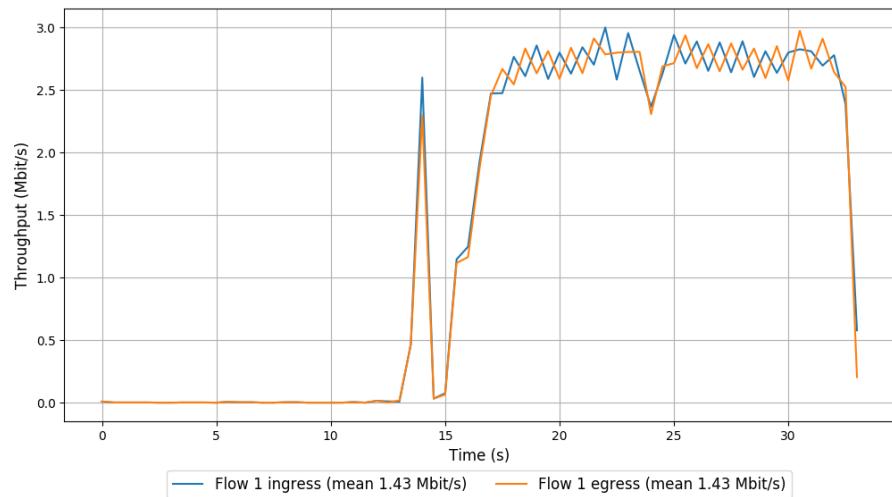


Run 3: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:02:08 +0000
End at: Fri, 16 Jun 2017 03:02:38 +0000
Local clock offset: 2.812 ms
Remote clock offset: -2.24 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 27.040 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 27.040 ms
Loss rate: 0.71%
```

Run 3: Report of WebRTC media — Data Link

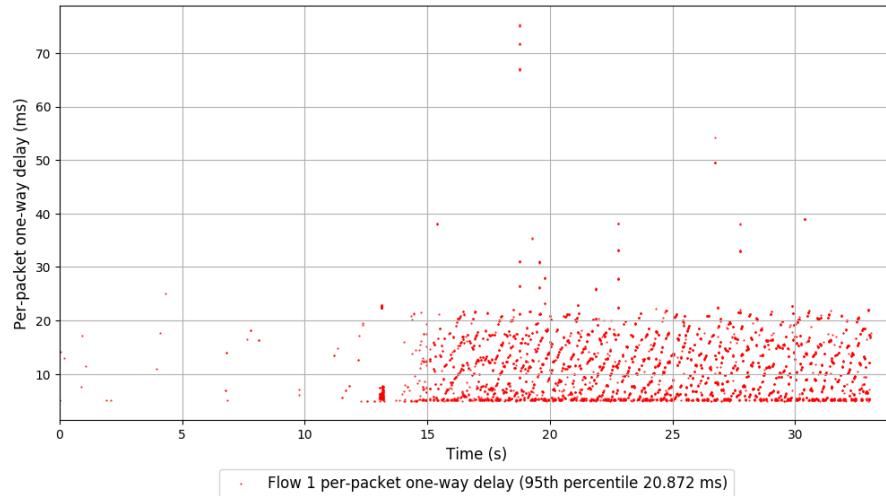
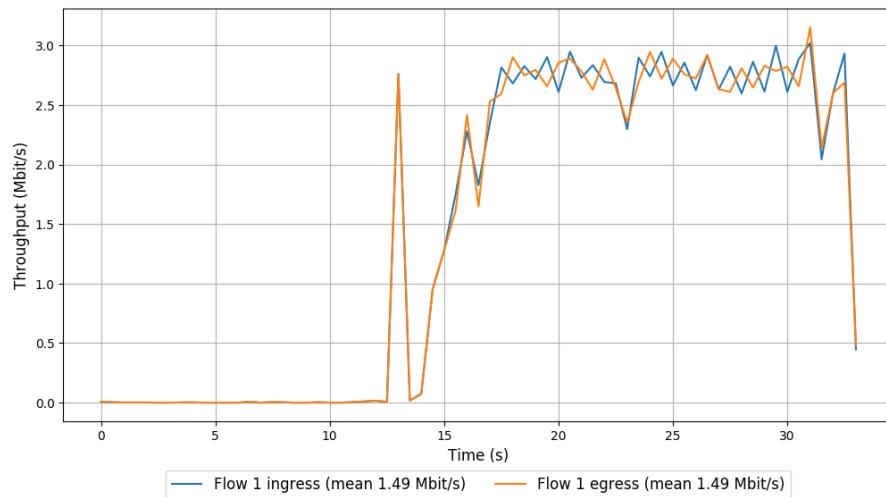


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:20:48 +0000
End at: Fri, 16 Jun 2017 03:21:18 +0000
Local clock offset: -3.829 ms
Remote clock offset: -3.364 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 20.872 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 20.872 ms
Loss rate: 0.21%
```

Run 4: Report of WebRTC media — Data Link

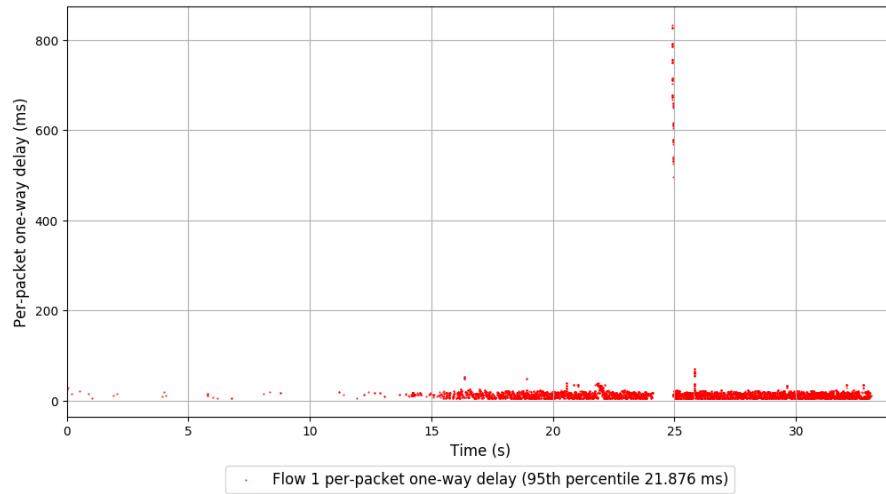
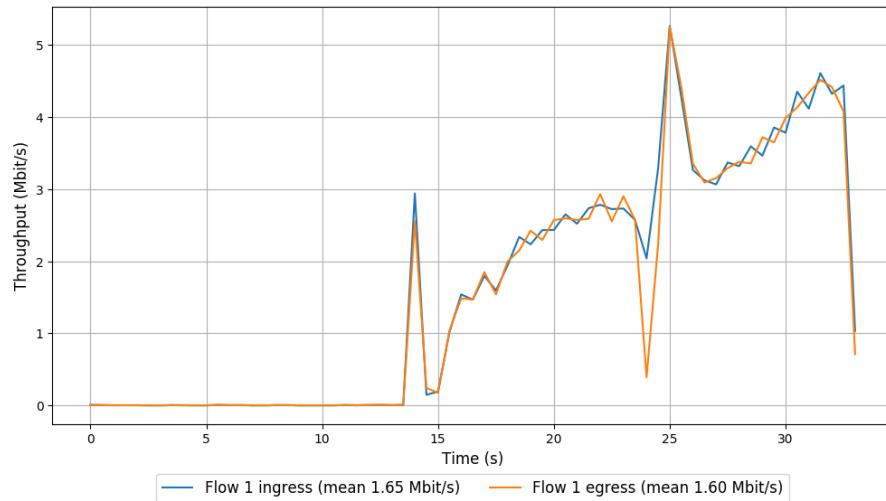


Run 5: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:39:19 +0000
End at: Fri, 16 Jun 2017 03:39:49 +0000
Local clock offset: 2.487 ms
Remote clock offset: -2.897 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 21.876 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 21.876 ms
Loss rate: 3.11%
```

Run 5: Report of WebRTC media — Data Link

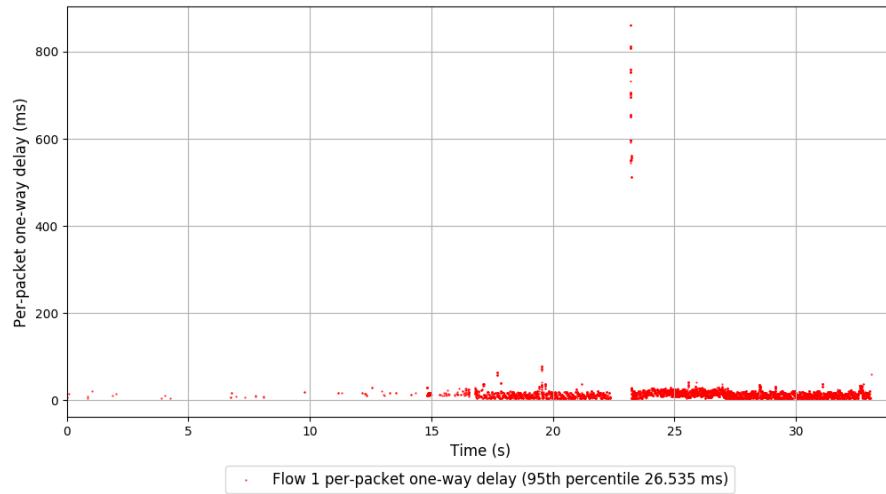
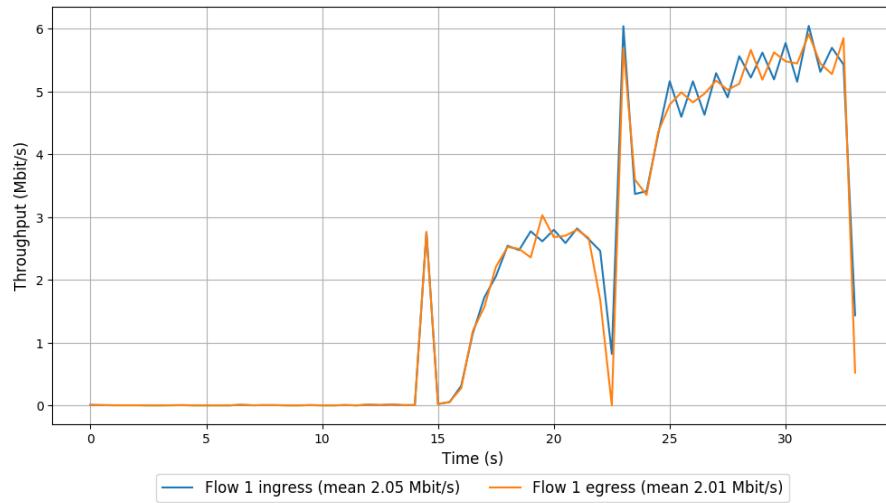


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:57:36 +0000
End at: Fri, 16 Jun 2017 03:58:06 +0000
Local clock offset: 2.455 ms
Remote clock offset: -4.495 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 26.535 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 26.535 ms
Loss rate: 1.94%
```

Run 6: Report of WebRTC media — Data Link

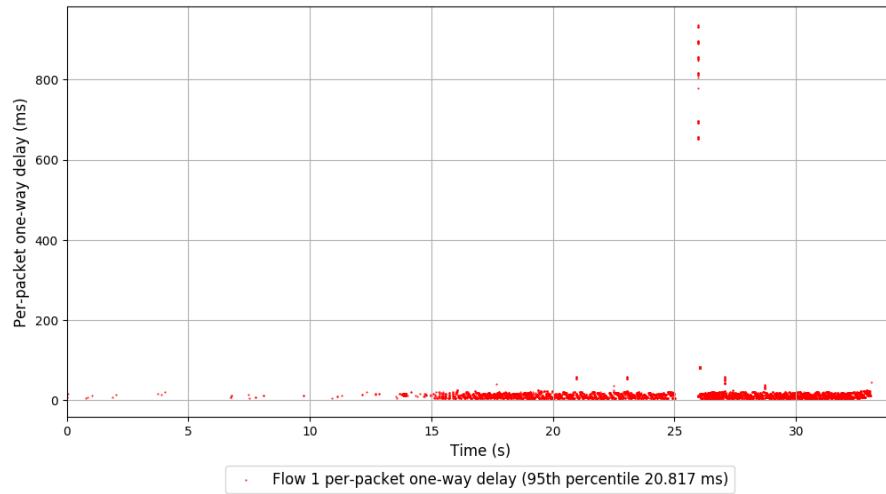
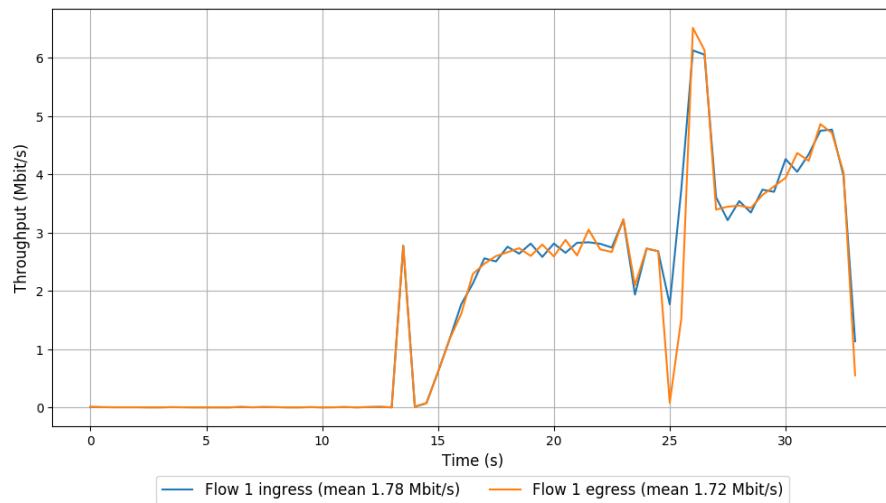


Run 7: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:15:59 +0000
End at: Fri, 16 Jun 2017 04:16:29 +0000
Local clock offset: 3.543 ms
Remote clock offset: -4.321 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 20.817 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 20.817 ms
Loss rate: 3.41%
```

Run 7: Report of WebRTC media — Data Link

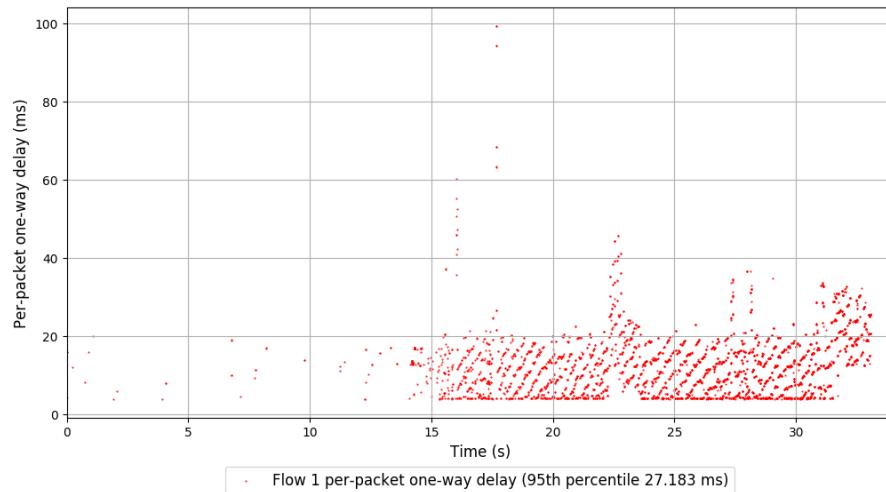
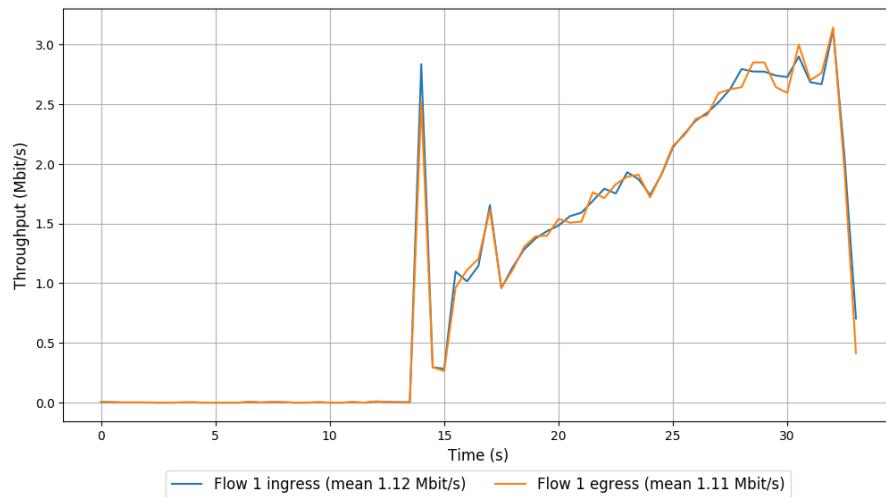


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:34:08 +0000
End at: Fri, 16 Jun 2017 04:34:38 +0000
Local clock offset: -1.077 ms
Remote clock offset: -4.309 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 27.183 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 27.183 ms
Loss rate: 0.98%
```

Run 8: Report of WebRTC media — Data Link

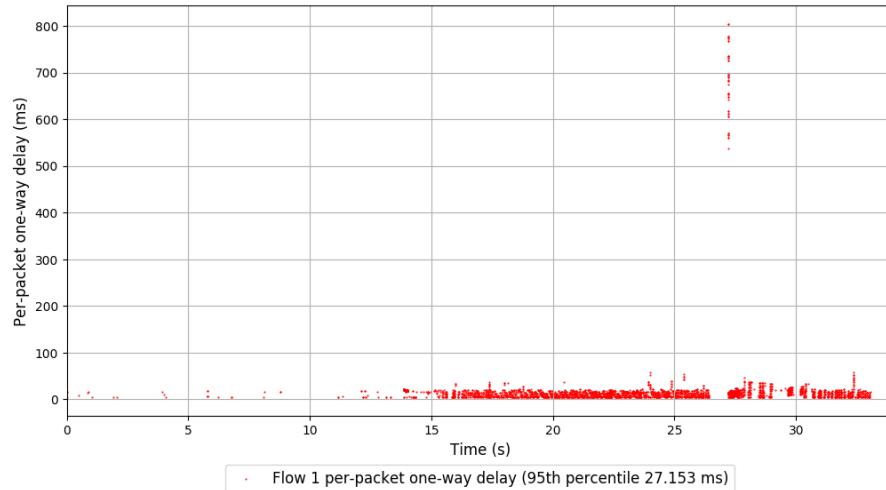
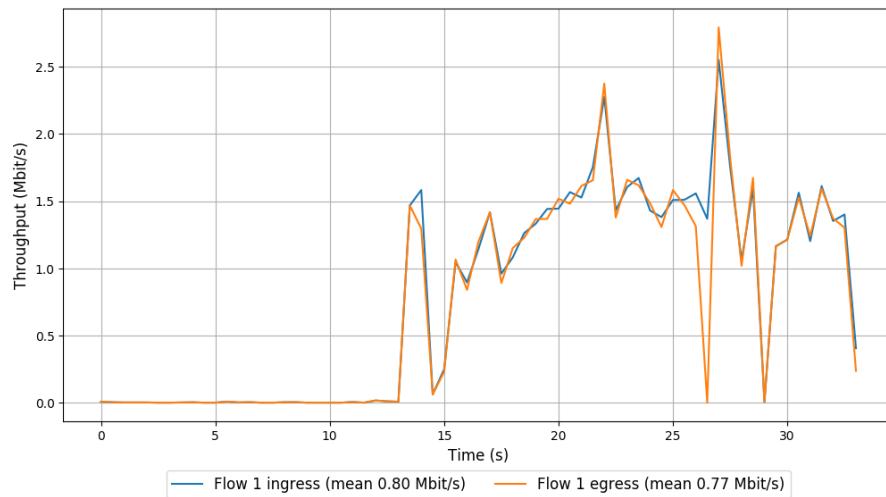


Run 9: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:53:02 +0000
End at: Fri, 16 Jun 2017 04:53:32 +0000
Local clock offset: 4.774 ms
Remote clock offset: -4.54 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 27.153 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 27.153 ms
Loss rate: 3.50%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 05:11:37 +0000
End at: Fri, 16 Jun 2017 05:12:07 +0000
Local clock offset: 6.635 ms
Remote clock offset: -1.588 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:32:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 31.407 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 31.407 ms
Loss rate: 0.63%
```

Run 10: Report of WebRTC media — Data Link

