

Pantheon Summary (Generated at Sat, 24 Jun 2017 01:54:22 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

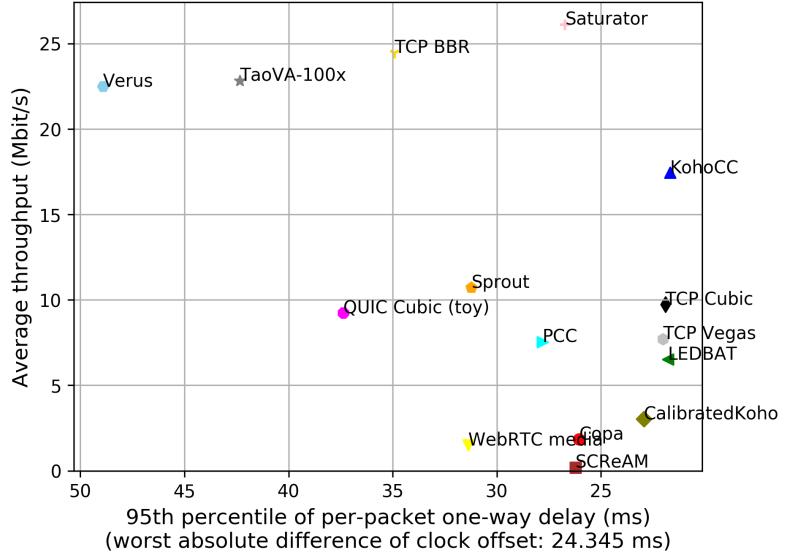
Each test lasted for 30 seconds running 1 flow.

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

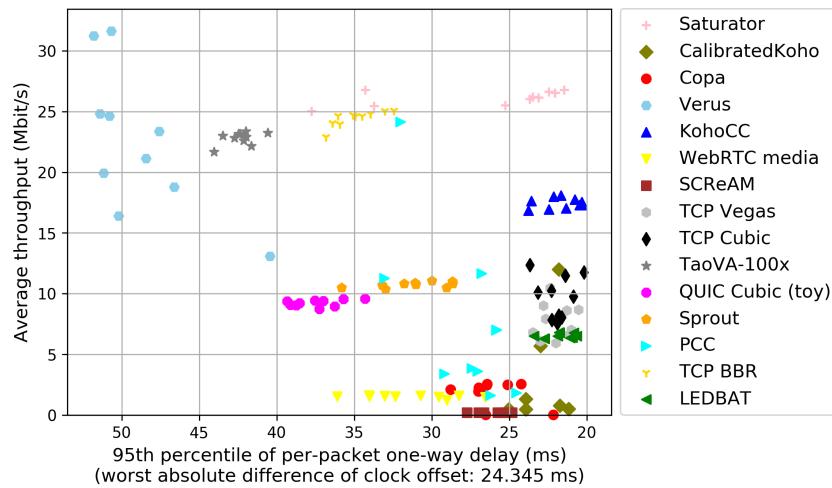
NTP offset measured against nets.org.sg.

```
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
```

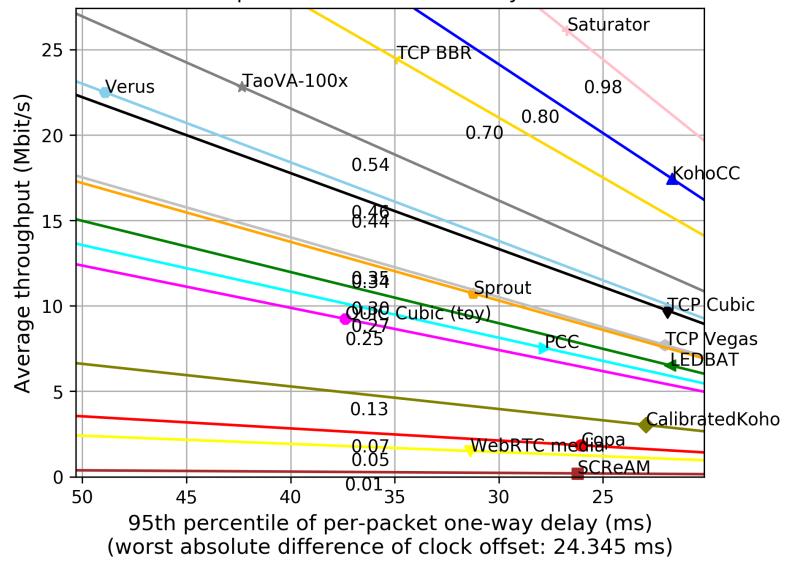
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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

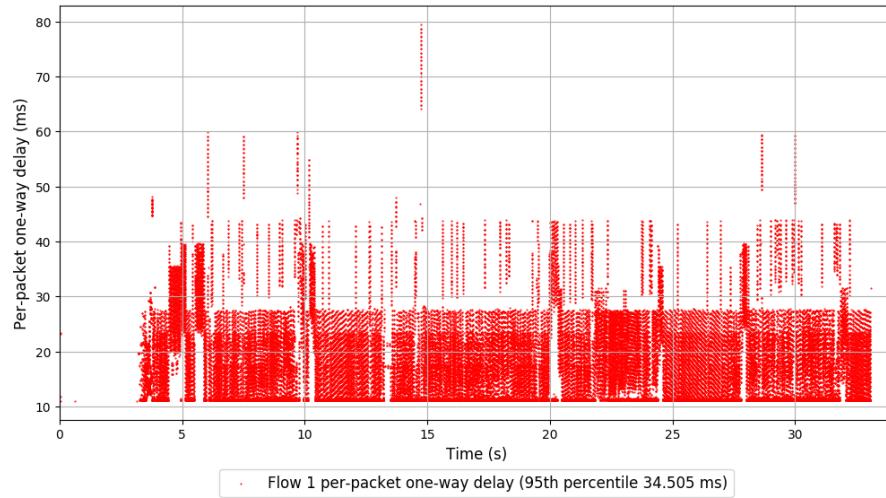
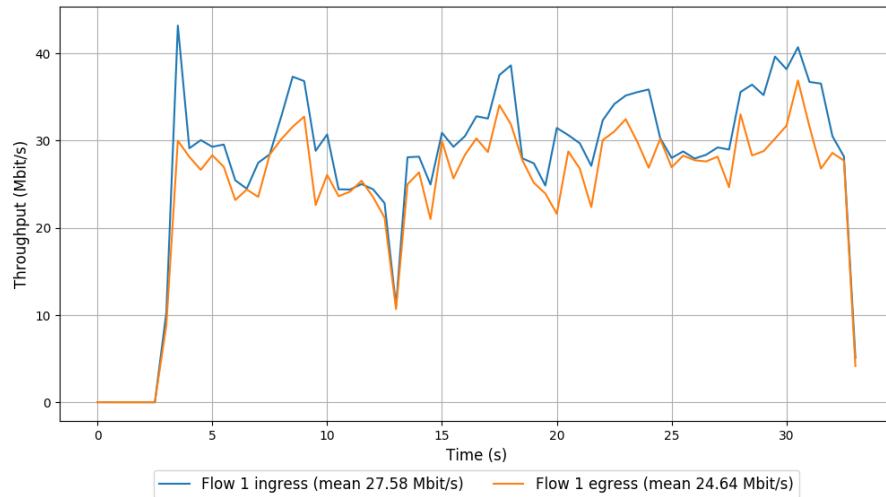


Run 1: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 20:29:02 +0000
End at: Fri, 23 Jun 2017 20:29:32 +0000
Local clock offset: 6.356 ms
Remote clock offset: -16.633 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 34.505 ms
Loss rate: 10.75%
-- Flow 1:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 34.505 ms
Loss rate: 10.75%
```

Run 1: Report of TCP BBR — Data Link

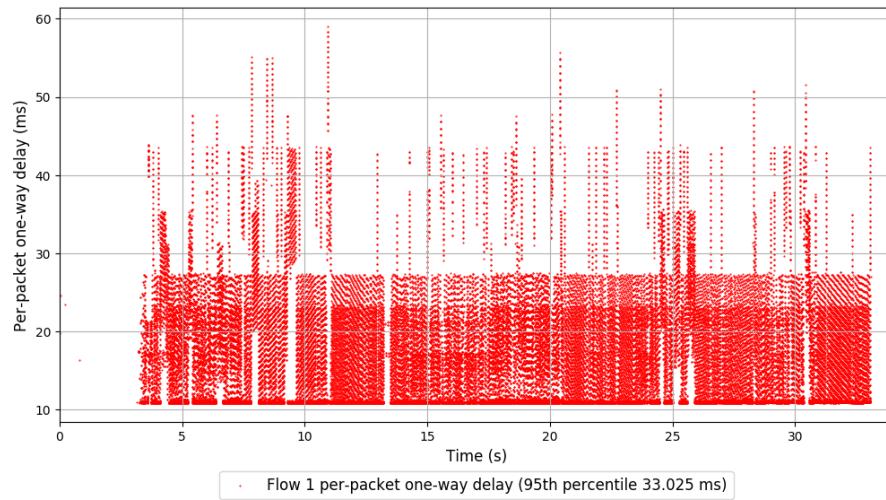
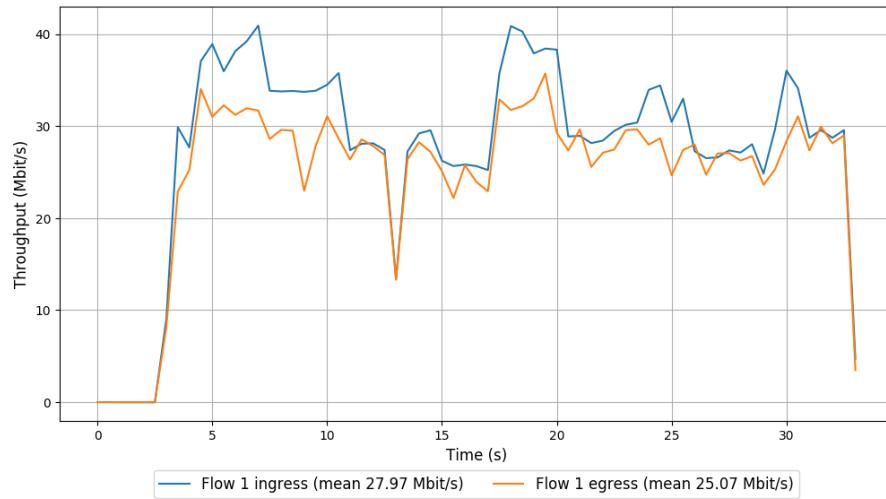


Run 2: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 20:47:32 +0000
End at: Fri, 23 Jun 2017 20:48:03 +0000
Local clock offset: -1.172 ms
Remote clock offset: -18.103 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 33.025 ms
Loss rate: 10.49%
-- Flow 1:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 33.025 ms
Loss rate: 10.49%
```

Run 2: Report of TCP BBR — Data Link

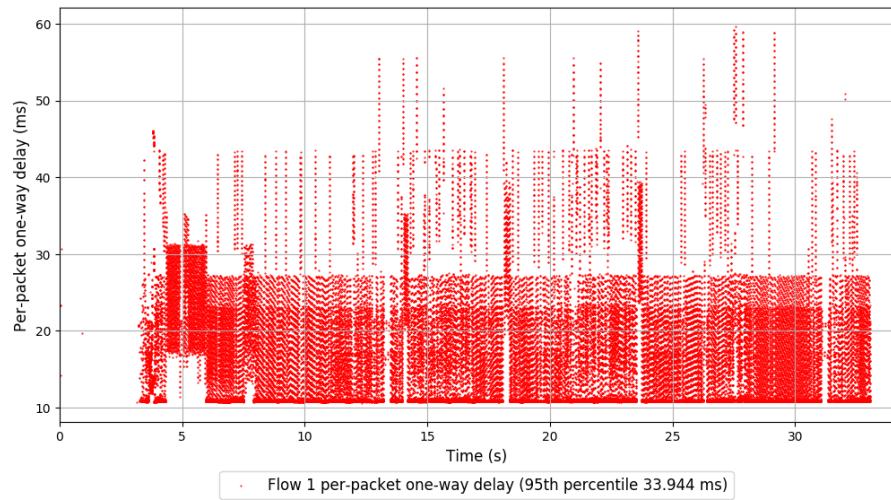
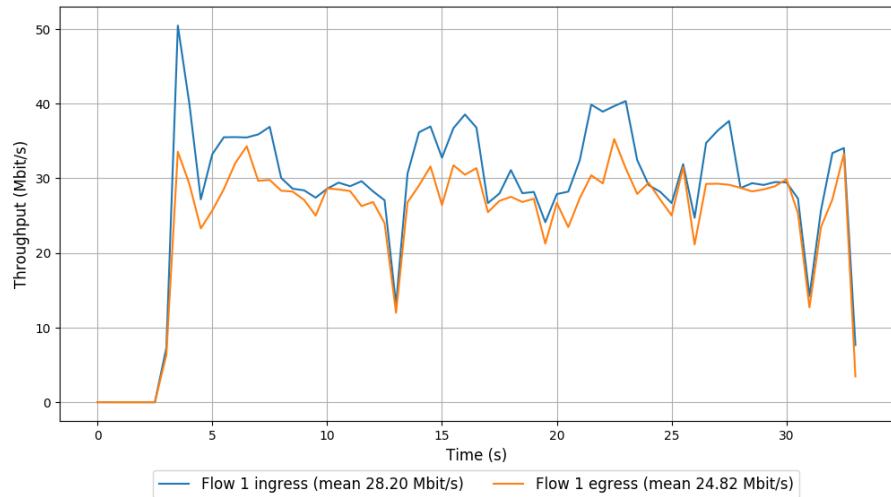


Run 3: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:05:55 +0000
End at: Fri, 23 Jun 2017 21:06:26 +0000
Local clock offset: 1.048 ms
Remote clock offset: -16.57 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 33.944 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 33.944 ms
Loss rate: 12.17%
```

Run 3: Report of TCP BBR — Data Link

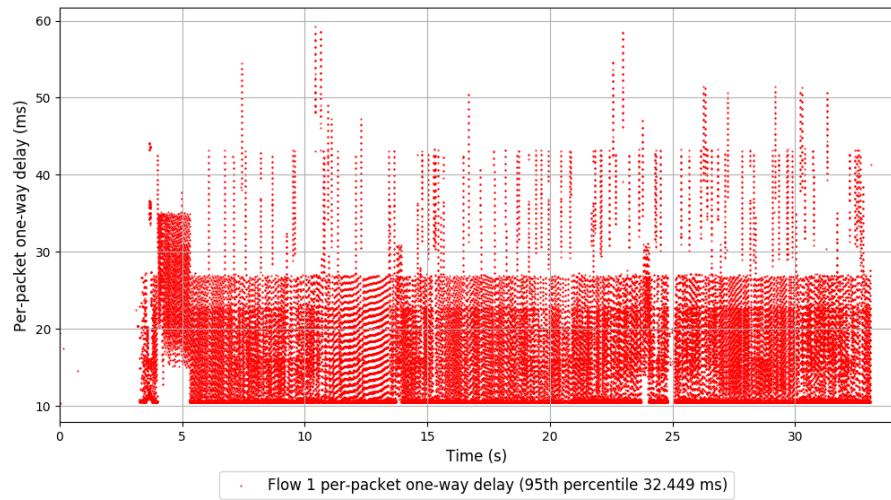
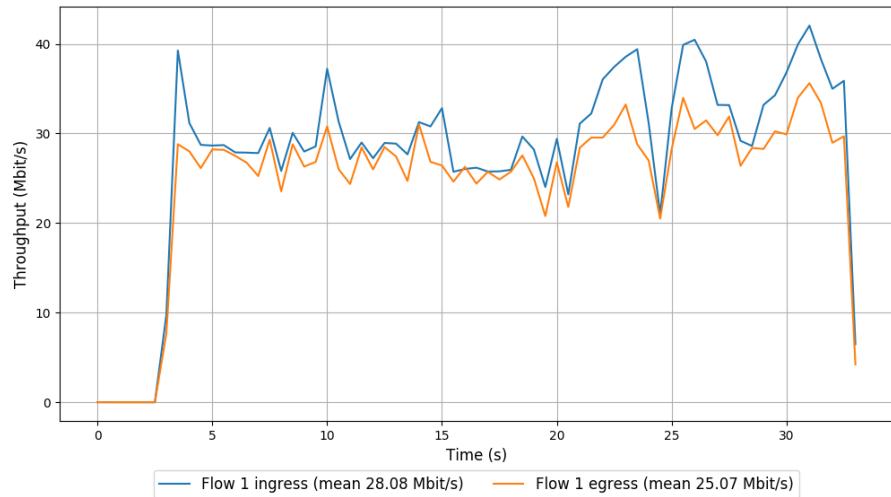


Run 4: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:24:21 +0000
End at: Fri, 23 Jun 2017 21:24:51 +0000
Local clock offset: 1.386 ms
Remote clock offset: -16.167 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:34:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 32.449 ms
Loss rate: 10.81%
-- Flow 1:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 32.449 ms
Loss rate: 10.81%
```

Run 4: Report of TCP BBR — Data Link

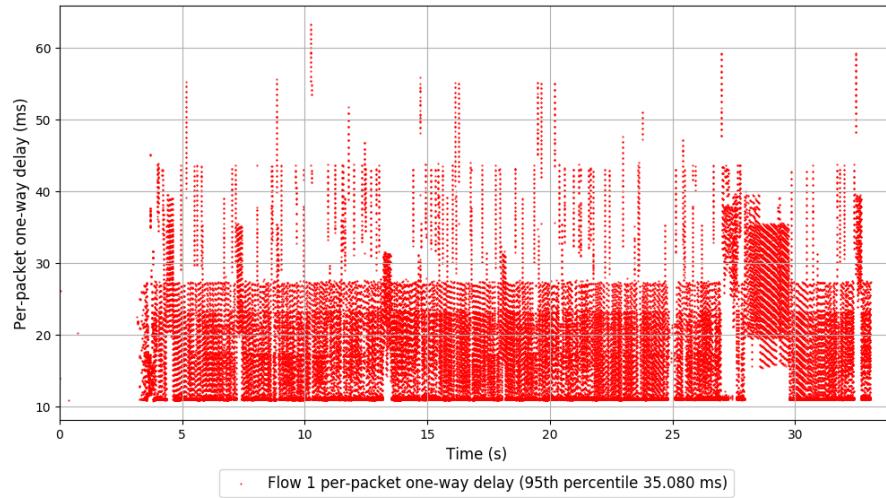
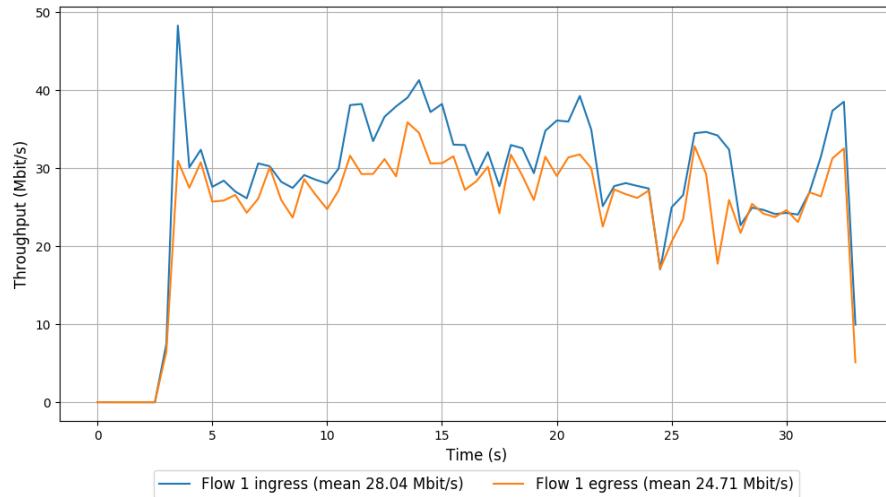


Run 5: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:42:35 +0000
End at: Fri, 23 Jun 2017 21:43:05 +0000
Local clock offset: 5.889 ms
Remote clock offset: -15.151 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 35.080 ms
Loss rate: 12.02%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 35.080 ms
Loss rate: 12.02%
```

Run 5: Report of TCP BBR — Data Link

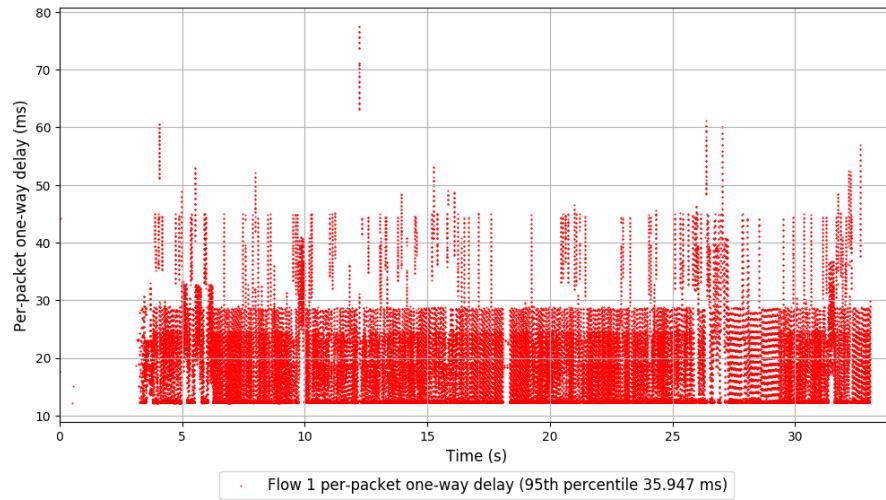
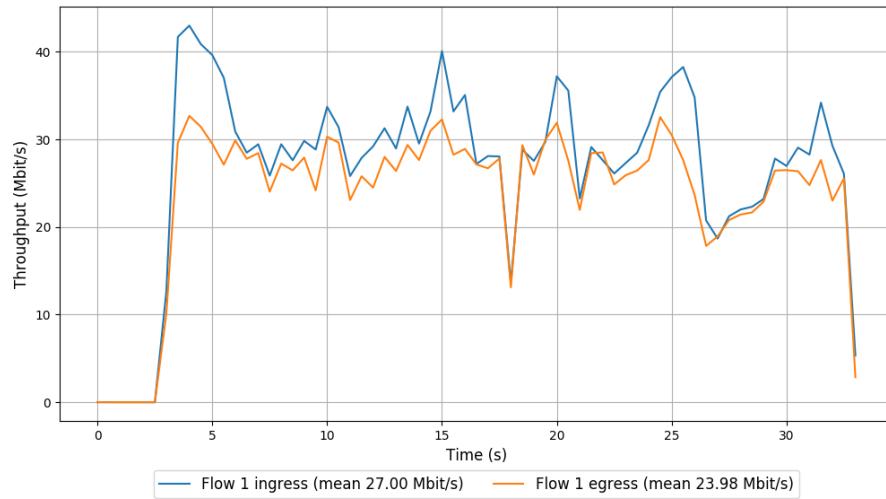


Run 6: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:00:45 +0000
End at: Fri, 23 Jun 2017 22:01:15 +0000
Local clock offset: 2.982 ms
Remote clock offset: -15.63 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 35.947 ms
Loss rate: 11.33%
-- Flow 1:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 35.947 ms
Loss rate: 11.33%
```

Run 6: Report of TCP BBR — Data Link

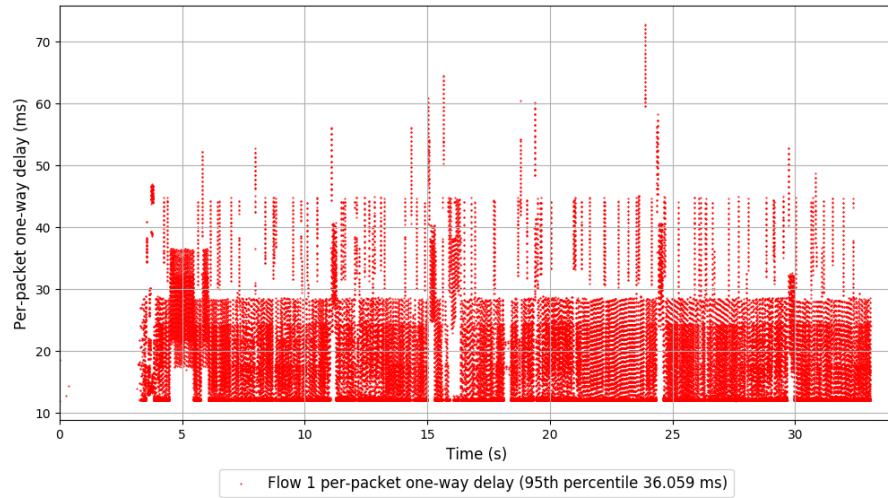
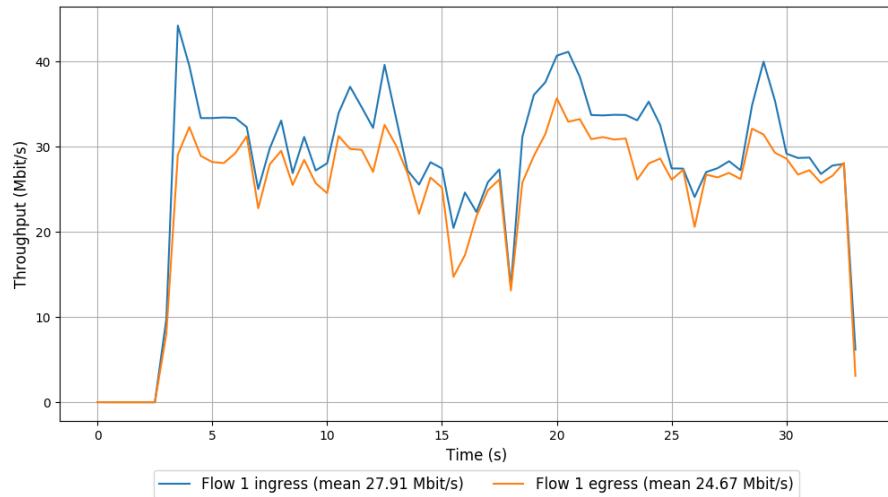


Run 7: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:19:02 +0000
End at: Fri, 23 Jun 2017 22:19:32 +0000
Local clock offset: 3.137 ms
Remote clock offset: -14.163 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 36.059 ms
Loss rate: 11.73%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 36.059 ms
Loss rate: 11.73%
```

Run 7: Report of TCP BBR — Data Link

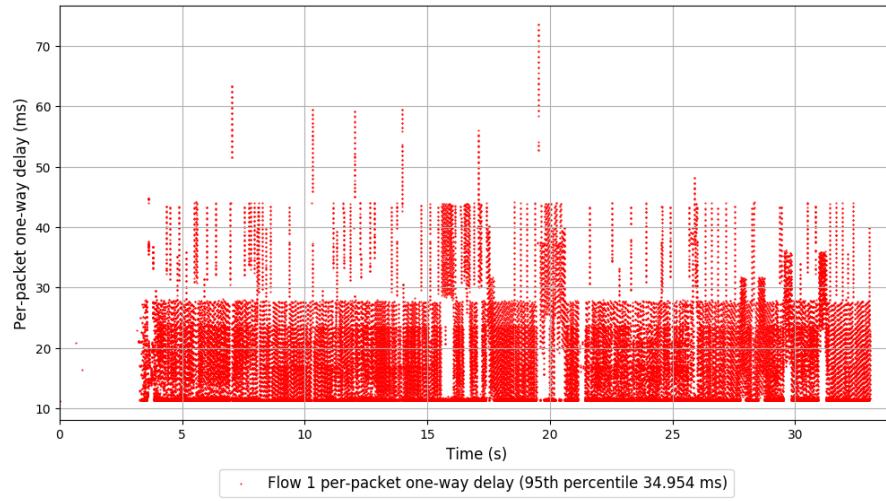
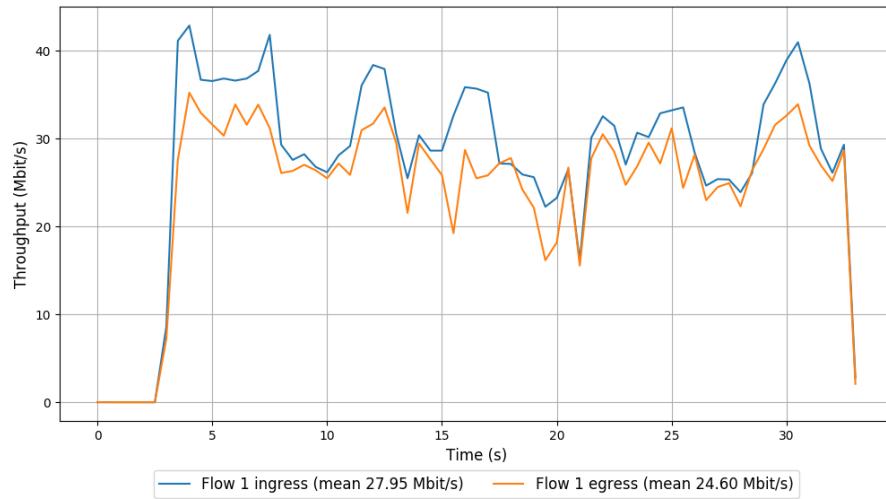


Run 8: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:37:26 +0000
End at: Fri, 23 Jun 2017 22:37:56 +0000
Local clock offset: 6.865 ms
Remote clock offset: -15.081 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:35:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 34.954 ms
Loss rate: 12.06%
-- Flow 1:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 34.954 ms
Loss rate: 12.06%
```

Run 8: Report of TCP BBR — Data Link

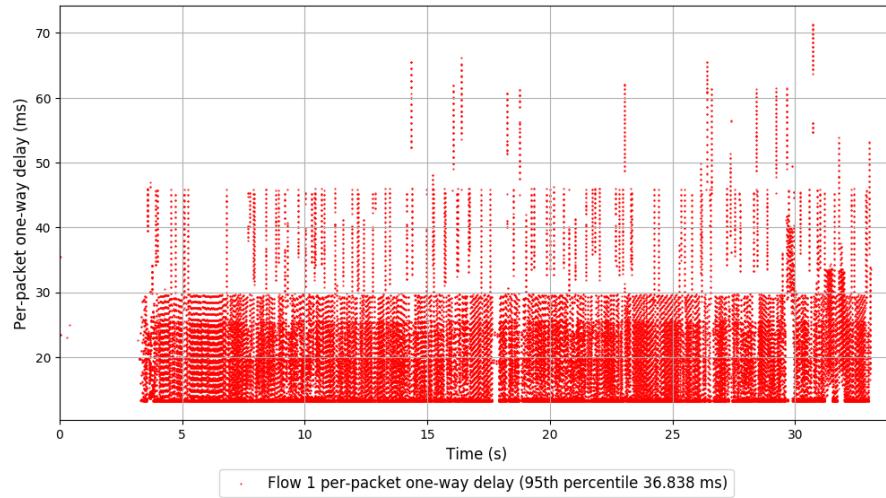
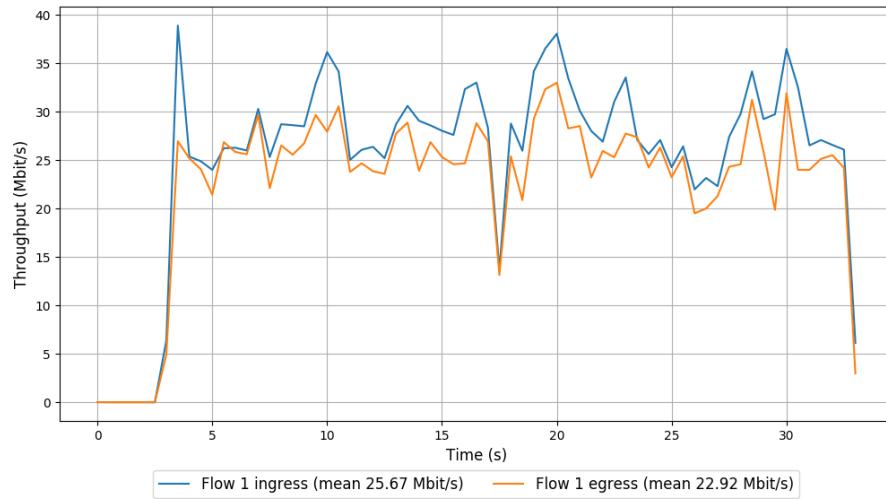


Run 9: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:55:33 +0000
End at: Fri, 23 Jun 2017 22:56:03 +0000
Local clock offset: 4.035 ms
Remote clock offset: -16.442 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.92 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 10.84%
-- Flow 1:
Average throughput: 22.92 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 10.84%
```

Run 9: Report of TCP BBR — Data Link

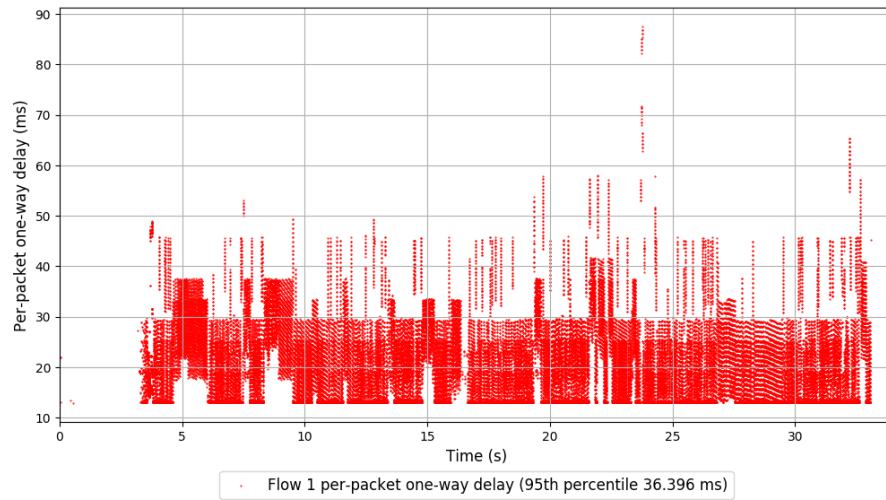
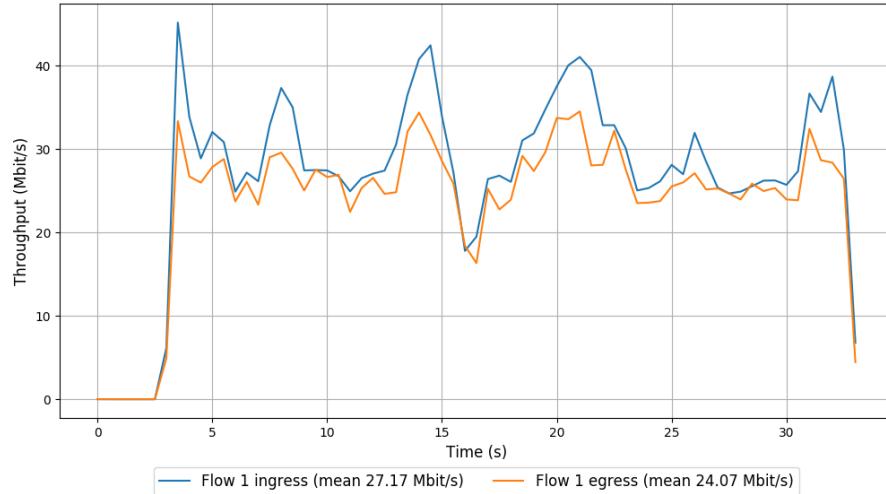


Run 10: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 23:13:57 +0000
End at: Fri, 23 Jun 2017 23:14:27 +0000
Local clock offset: 4.388 ms
Remote clock offset: -16.968 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 36.396 ms
Loss rate: 11.48%
-- Flow 1:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 36.396 ms
Loss rate: 11.48%
```

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

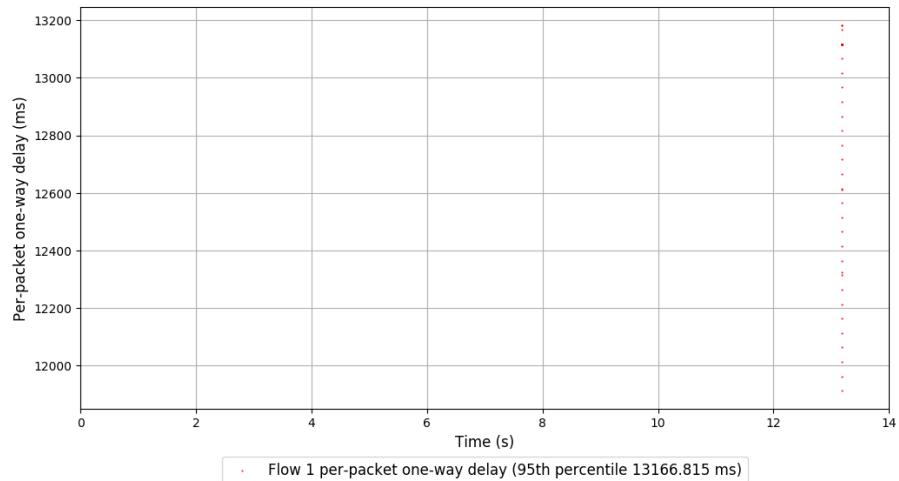
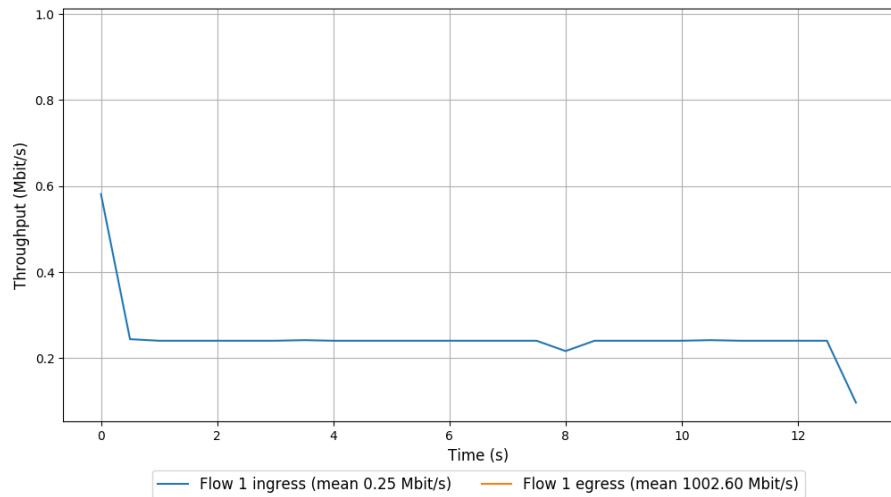
Start at: Fri, 23 Jun 2017 20:40:11 +0000

End at: Fri, 23 Jun 2017 20:40:42 +0000

Local clock offset: 1.612 ms

Remote clock offset: -16.528 ms

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:58:39 +0000
End at: Fri, 23 Jun 2017 20:59:09 +0000
Local clock offset: 3.061 ms
Remote clock offset: -16.206 ms

Run 2: Report of CalibratedKoho — Data Link

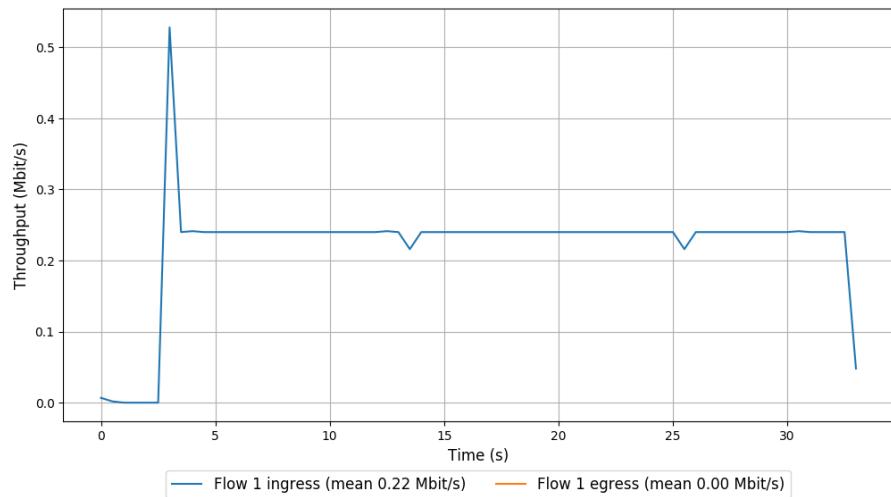


Figure is missing

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

```
Start at: Fri, 23 Jun 2017 21:16:57 +0000
```

```
End at: Fri, 23 Jun 2017 21:17:27 +0000
```

```
Local clock offset: 2.38 ms
```

```
Remote clock offset: -15.158 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 12.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.800 ms
```

```
Loss rate: 15.01%
```

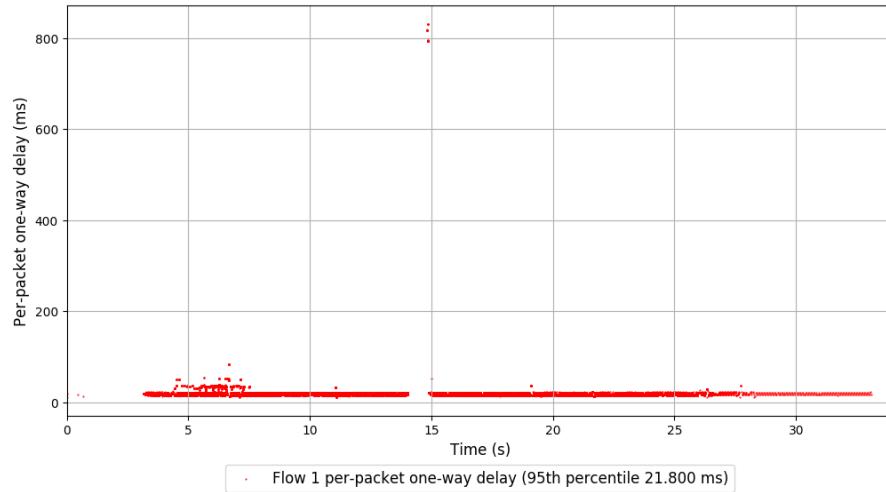
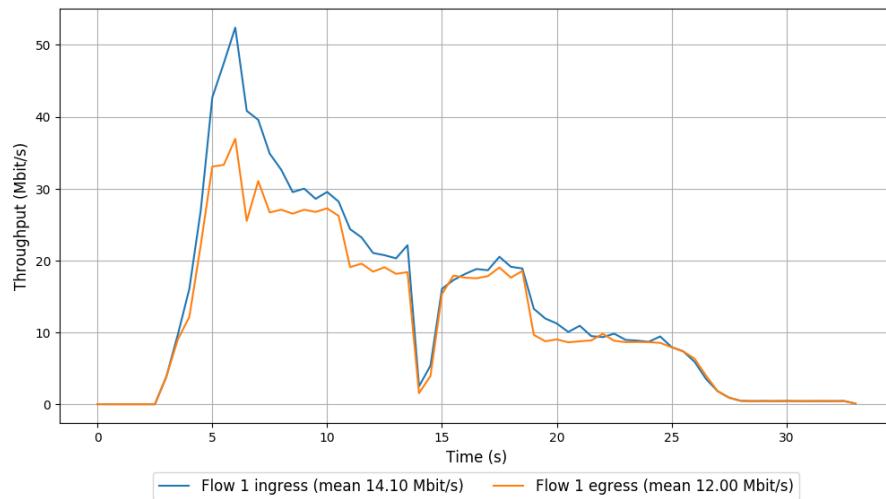
```
-- Flow 1:
```

```
Average throughput: 12.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.800 ms
```

```
Loss rate: 15.01%
```

Run 3: Report of CalibratedKoho — Data Link

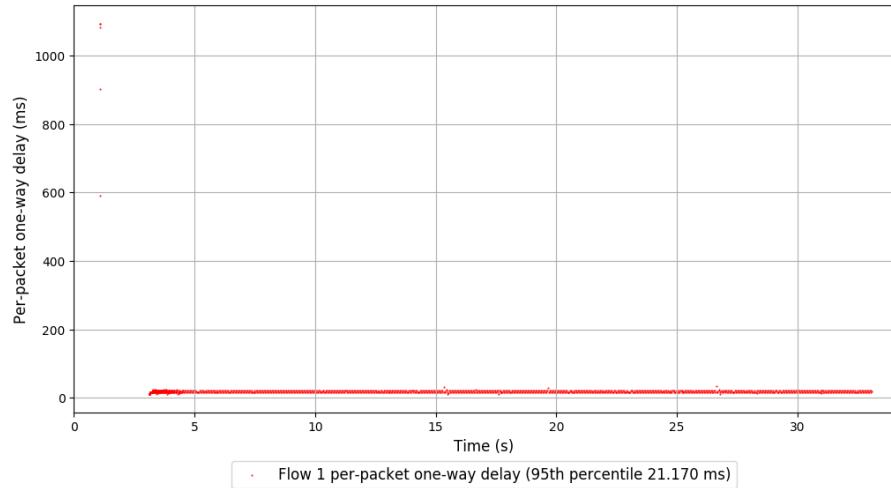
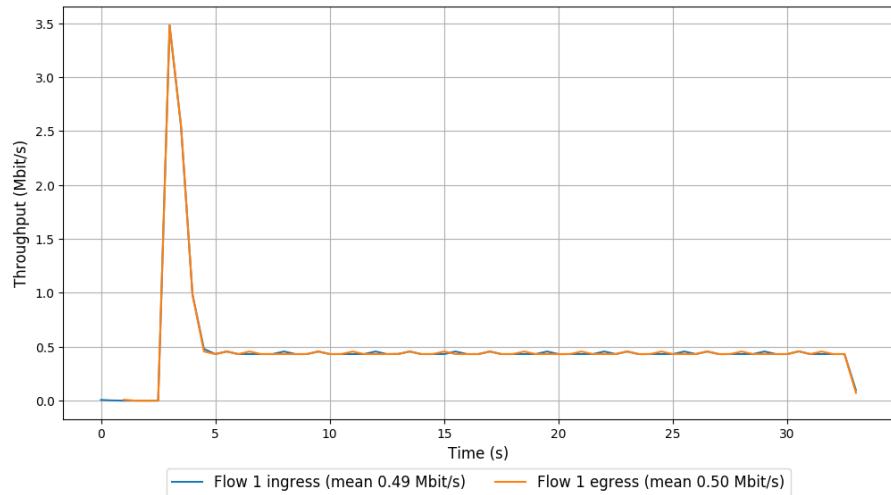


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 21:35:20 +0000
End at: Fri, 23 Jun 2017 21:35:50 +0000
Local clock offset: 2.516 ms
Remote clock offset: -17.759 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 21.170 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 21.170 ms
Loss rate: 0.07%
```

Run 4: Report of CalibratedKoho — Data Link

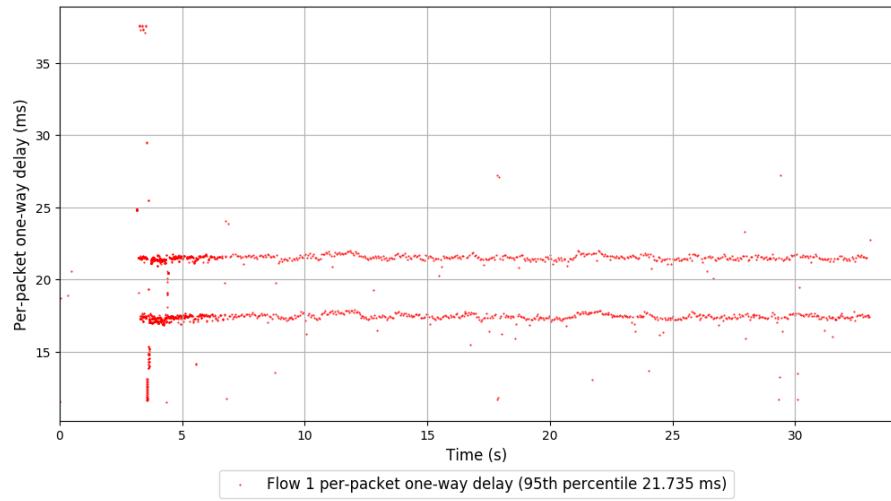
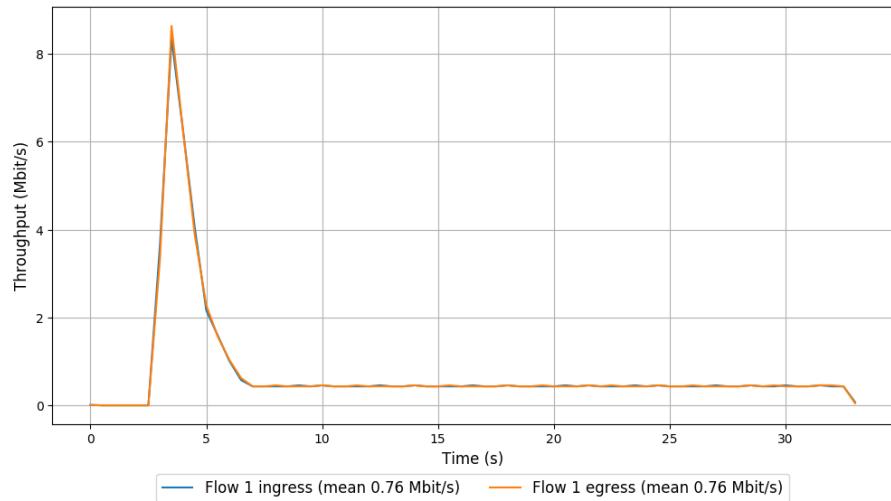


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 21:53:29 +0000
End at: Fri, 23 Jun 2017 21:53:59 +0000
Local clock offset: 6.097 ms
Remote clock offset: -17.108 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 21.735 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 21.735 ms
Loss rate: 0.05%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 22:11:41 +0000
```

```
End at: Fri, 23 Jun 2017 22:12:11 +0000
```

```
Local clock offset: 6.724 ms
```

```
Remote clock offset: -14.118 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.47 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.930 ms
```

```
Loss rate: 0.16%
```

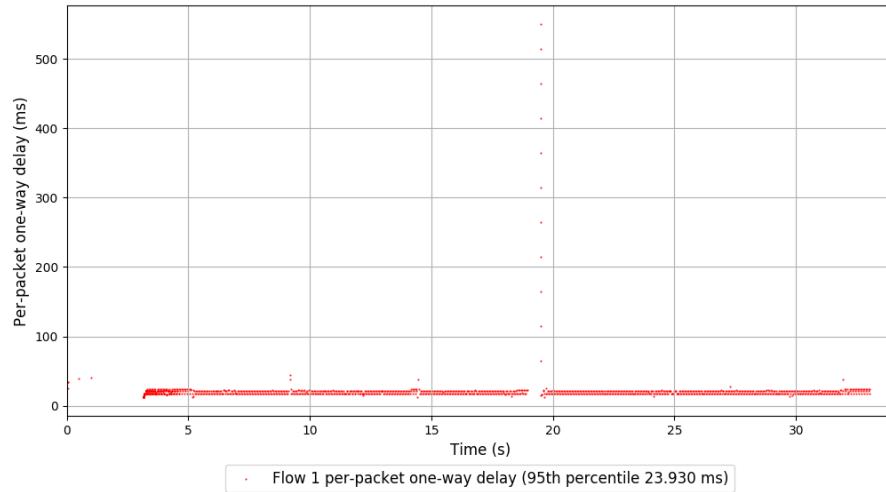
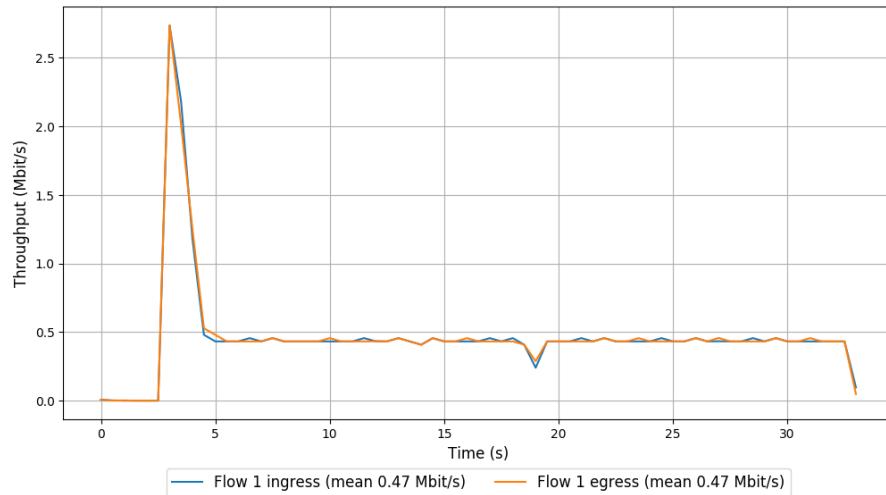
```
-- Flow 1:
```

```
Average throughput: 0.47 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.930 ms
```

```
Loss rate: 0.16%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:29:58 +0000

End at: Fri, 23 Jun 2017 22:30:28 +0000

Local clock offset: 7.777 ms

Remote clock offset: -14.924 ms

Run 7: Report of CalibratedKoho — Data Link

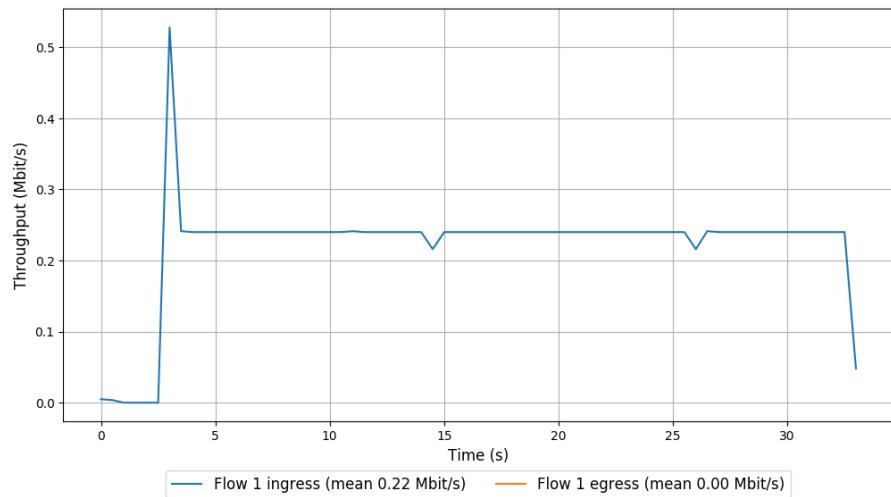


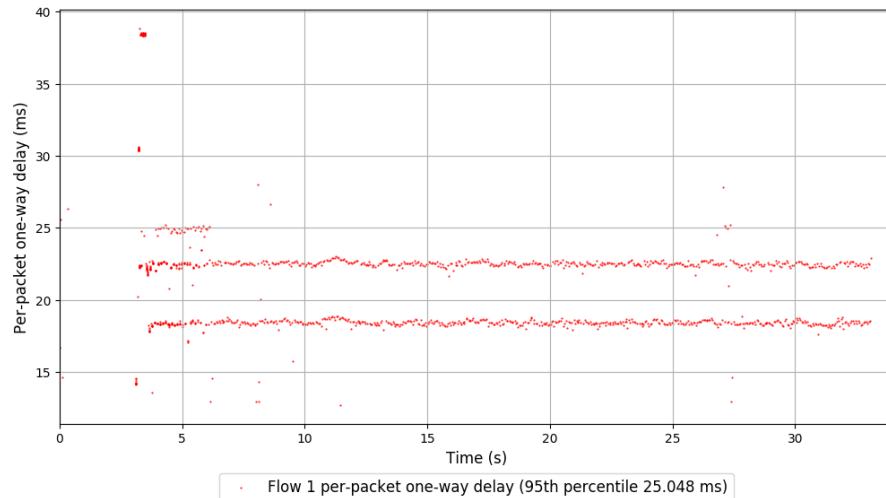
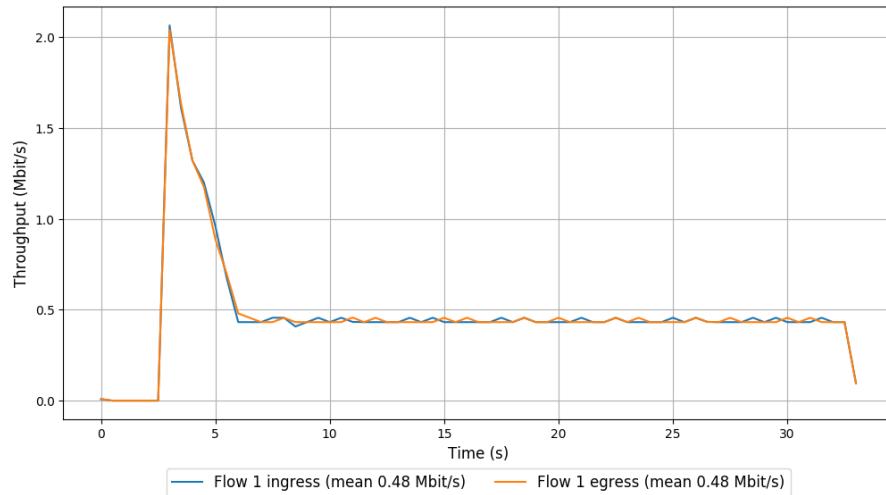
Figure is missing

Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 23 Jun 2017 22:48:25 +0000
End at: Fri, 23 Jun 2017 22:48:55 +0000
Local clock offset: 1.055 ms
Remote clock offset: -14.368 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 25.048 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 25.048 ms
Loss rate: 0.08%
```

Run 8: Report of CalibratedKoho — Data Link

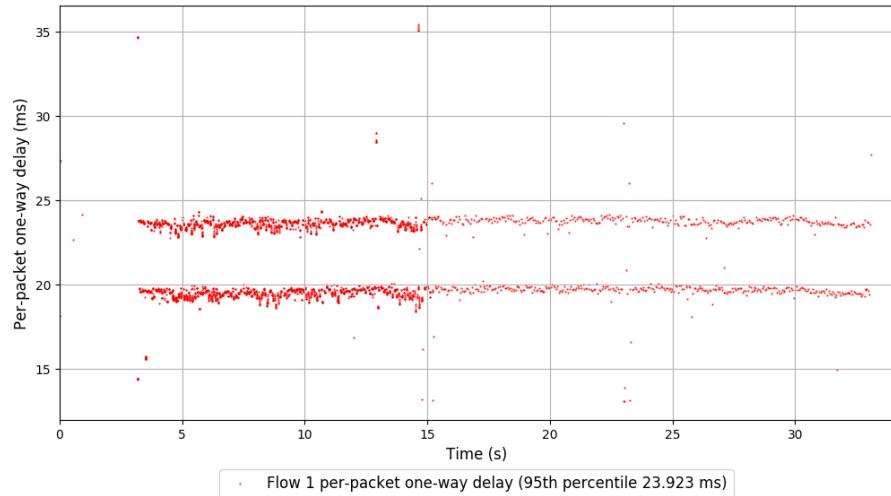
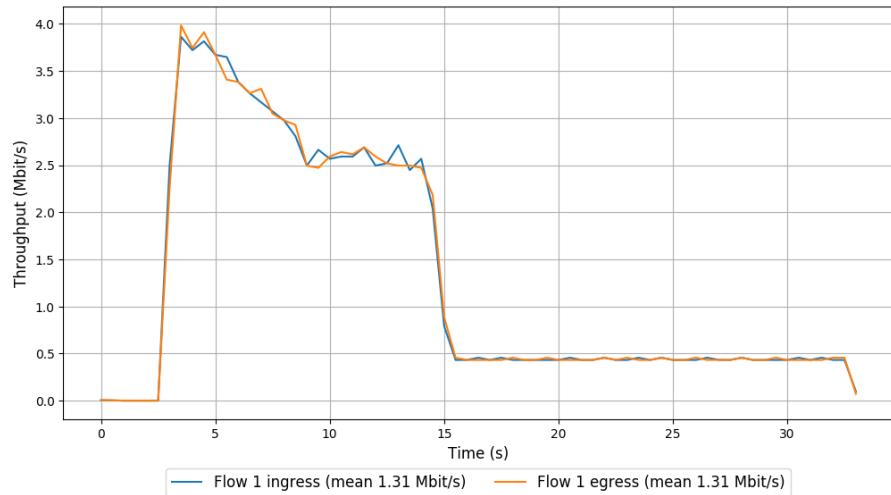


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 23:06:37 +0000
End at: Fri, 23 Jun 2017 23:07:07 +0000
Local clock offset: -0.15 ms
Remote clock offset: -14.515 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 23.923 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 23.923 ms
Loss rate: 0.03%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 23:24:58 +0000
```

```
End at: Fri, 23 Jun 2017 23:25:28 +0000
```

```
Local clock offset: 2.301 ms
```

```
Remote clock offset: -14.659 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:50 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 5.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.982 ms
```

```
Loss rate: 4.91%
```

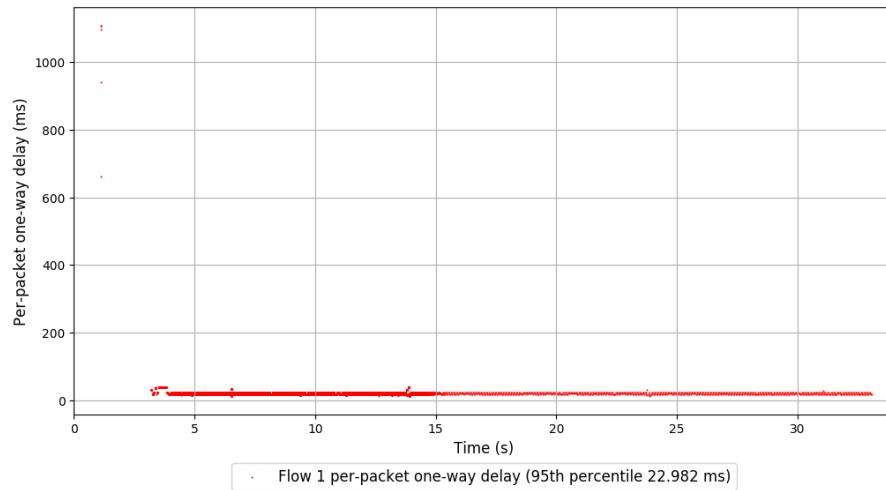
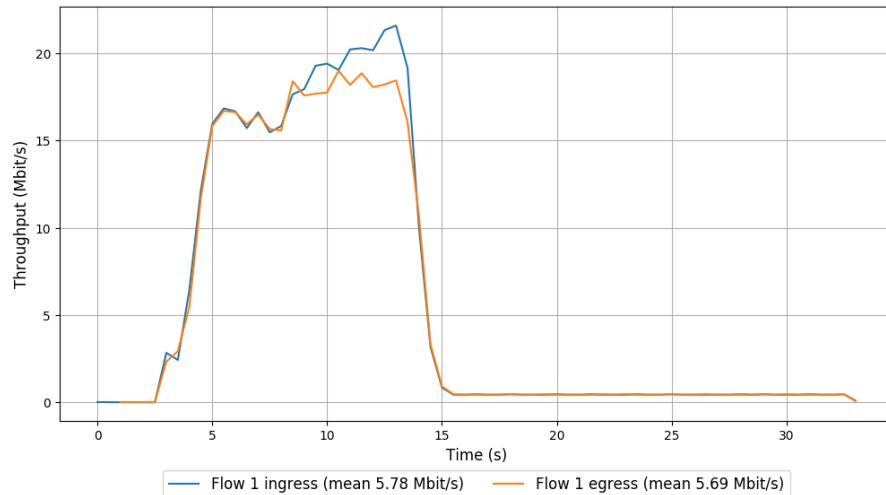
```
-- Flow 1:
```

```
Average throughput: 5.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.982 ms
```

```
Loss rate: 4.91%
```

Run 10: Report of CalibratedKoho — Data Link

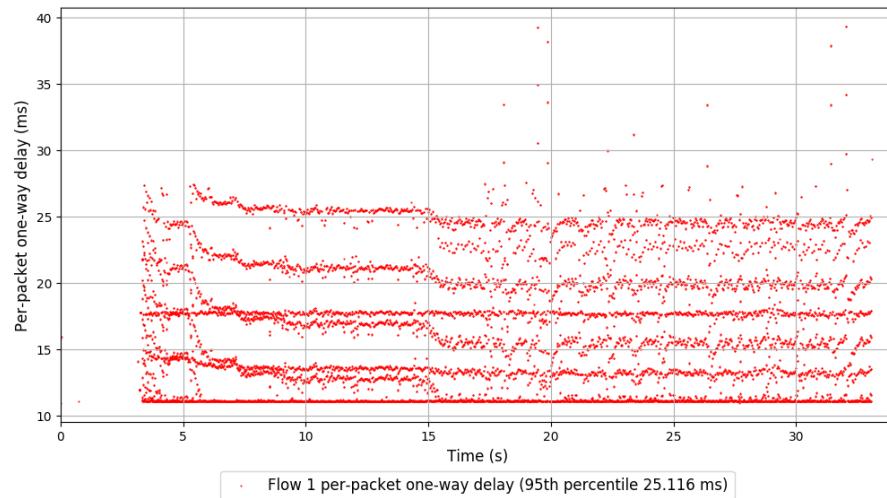
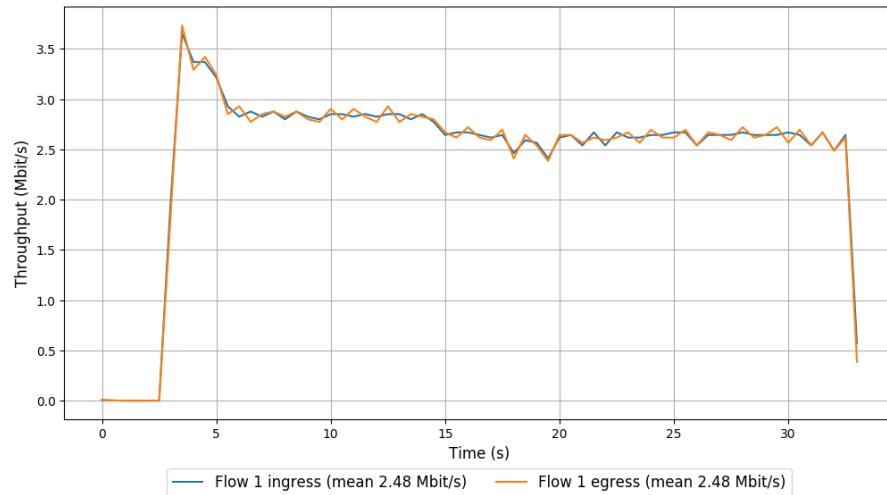


Run 1: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:31:33 +0000
End at: Fri, 23 Jun 2017 20:32:03 +0000
Local clock offset: 4.014 ms
Remote clock offset: -16.781 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:36:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 25.116 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 25.116 ms
Loss rate: 0.17%
```

Run 1: Report of Copa — Data Link

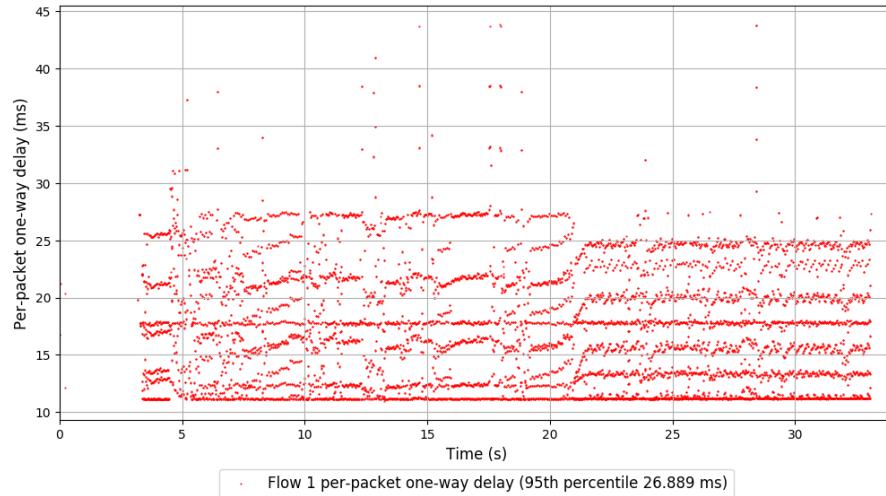
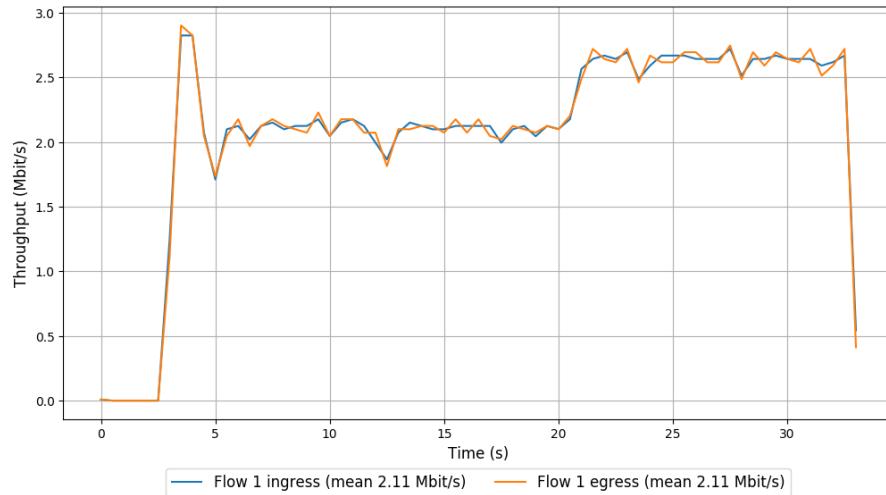


Run 2: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:49:57 +0000
End at: Fri, 23 Jun 2017 20:50:27 +0000
Local clock offset: -0.104 ms
Remote clock offset: -17.843 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 26.889 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 26.889 ms
Loss rate: 0.15%
```

Run 2: Report of Copa — Data Link

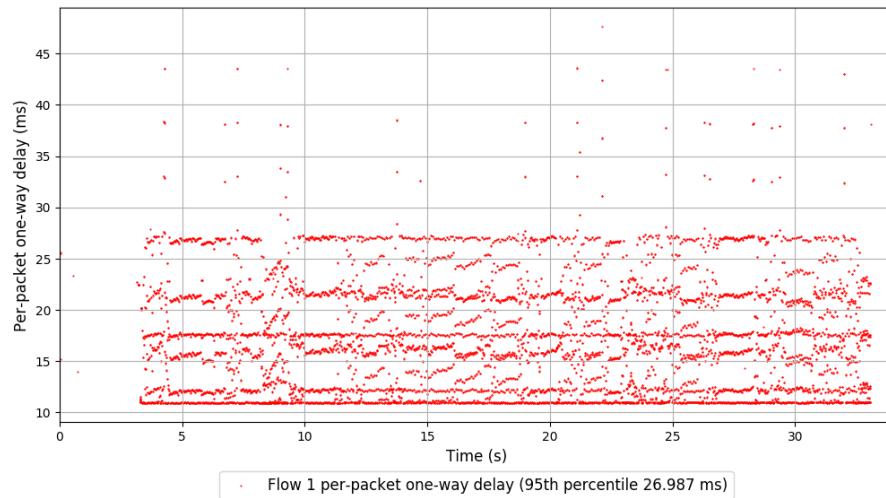
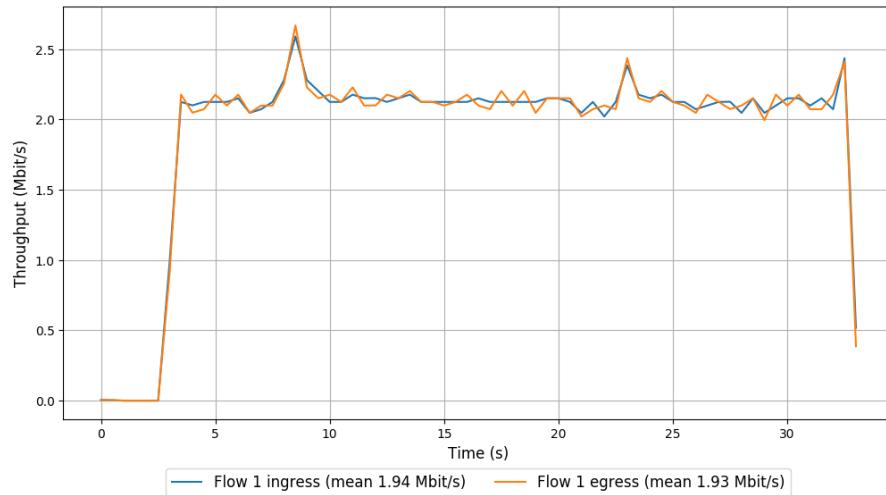


Run 3: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:08:22 +0000
End at: Fri, 23 Jun 2017 21:08:52 +0000
Local clock offset: 4.357 ms
Remote clock offset: -15.828 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 26.987 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 26.987 ms
Loss rate: 0.16%
```

Run 3: Report of Copa — Data Link

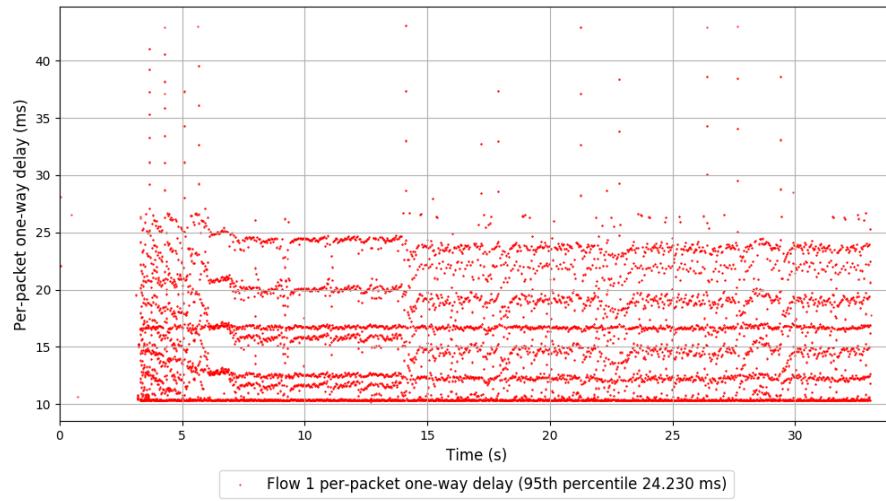
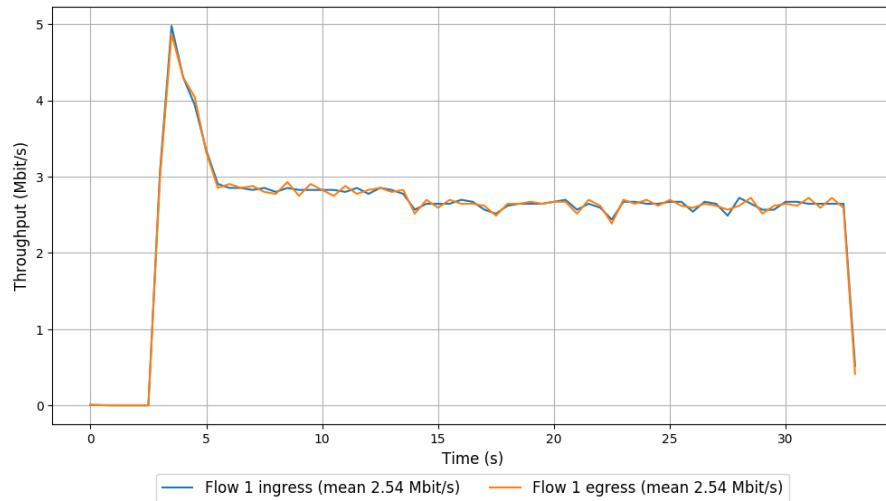


Run 4: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:26:47 +0000
End at: Fri, 23 Jun 2017 21:27:17 +0000
Local clock offset: 6.072 ms
Remote clock offset: -15.806 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 24.230 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 24.230 ms
Loss rate: 0.11%
```

Run 4: Report of Copa — Data Link

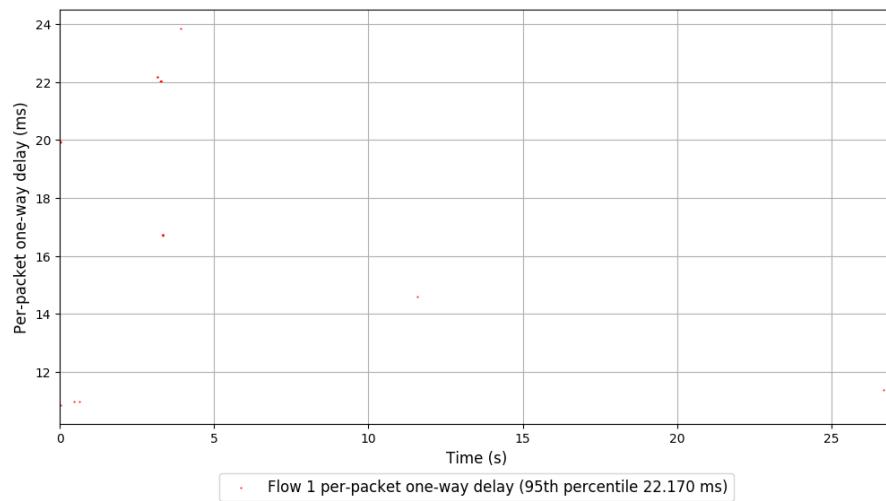
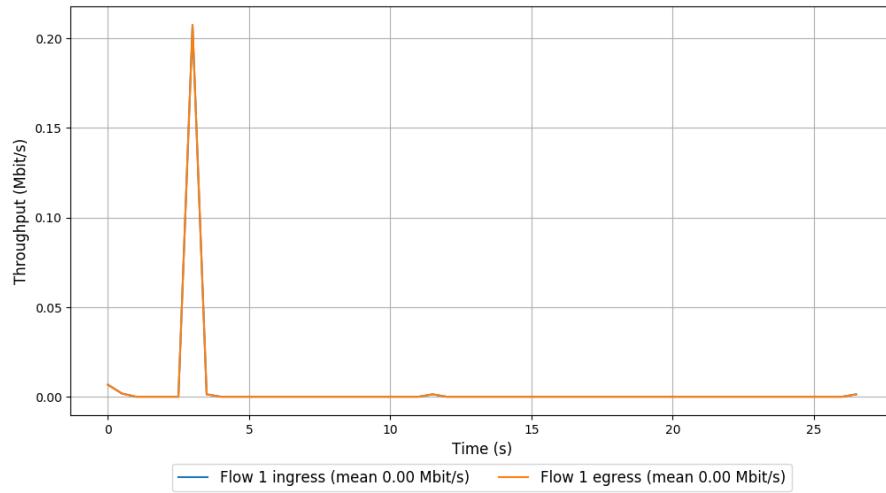


Run 5: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:44:59 +0000
End at: Fri, 23 Jun 2017 21:45:29 +0000
Local clock offset: -0.801 ms
Remote clock offset: -17.804 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 22.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 22.170 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

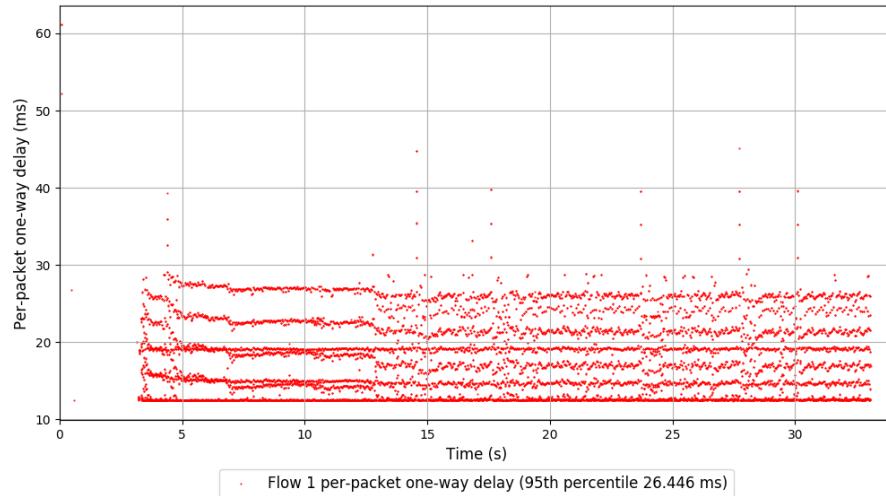
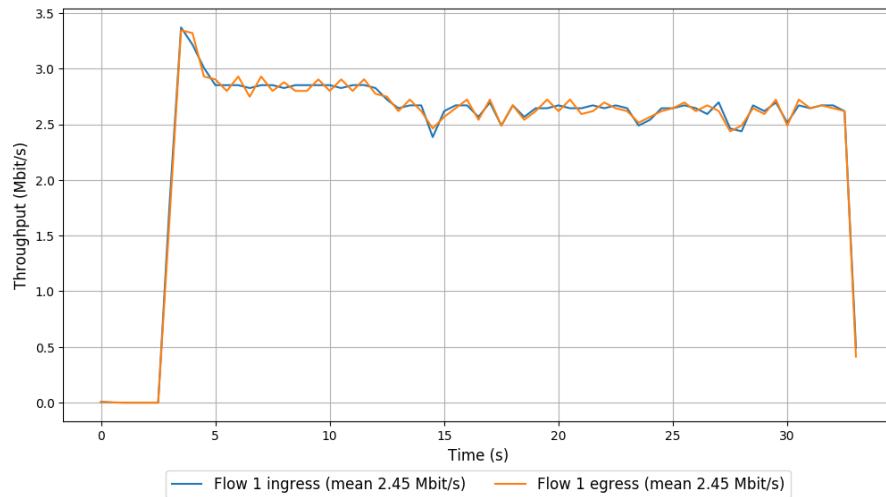


Run 6: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:03:09 +0000
End at: Fri, 23 Jun 2017 22:03:39 +0000
Local clock offset: 0.776 ms
Remote clock offset: -14.956 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 26.446 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 26.446 ms
Loss rate: 0.11%
```

Run 6: Report of Copa — Data Link

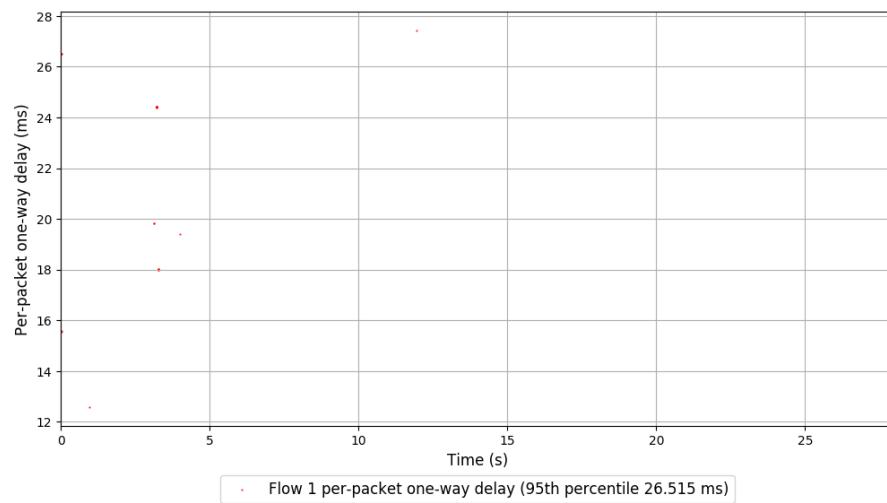
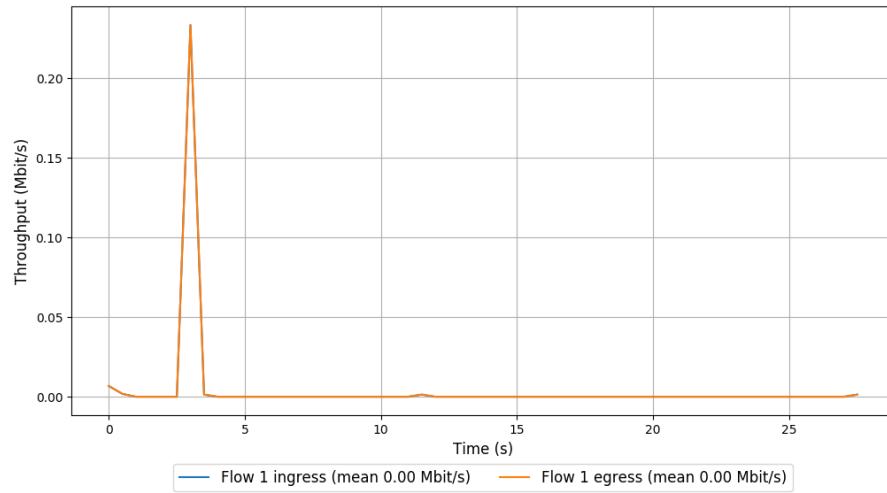


Run 7: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:21:27 +0000
End at: Fri, 23 Jun 2017 22:21:57 +0000
Local clock offset: 5.218 ms
Remote clock offset: -14.514 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

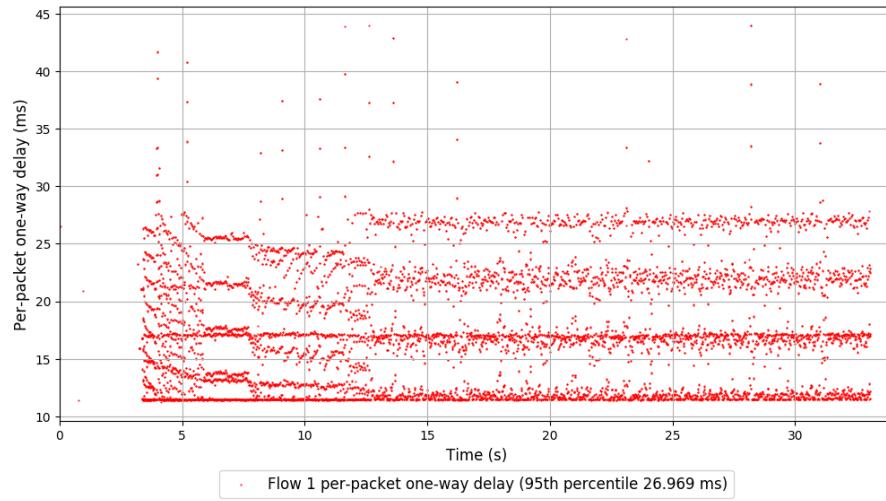
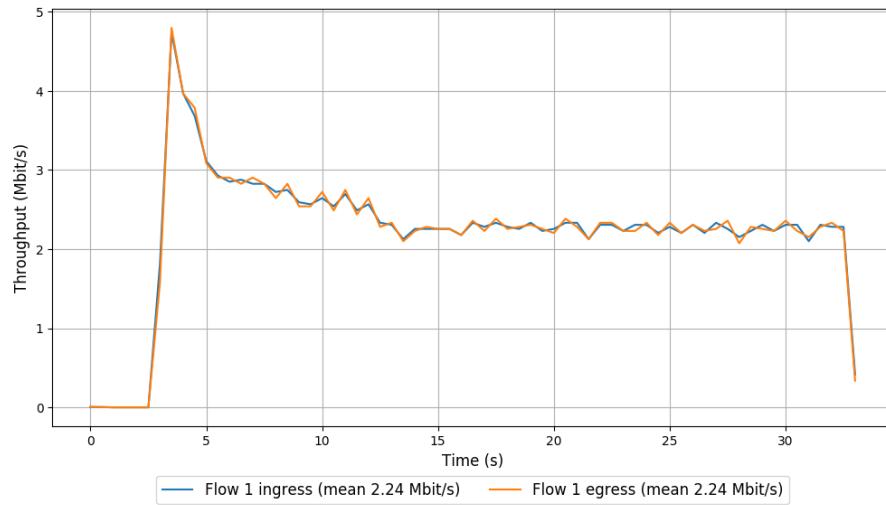


Run 8: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:39:52 +0000
End at: Fri, 23 Jun 2017 22:40:22 +0000
Local clock offset: 5.111 ms
Remote clock offset: -14.39 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 26.969 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 26.969 ms
Loss rate: 0.12%
```

Run 8: Report of Copa — Data Link

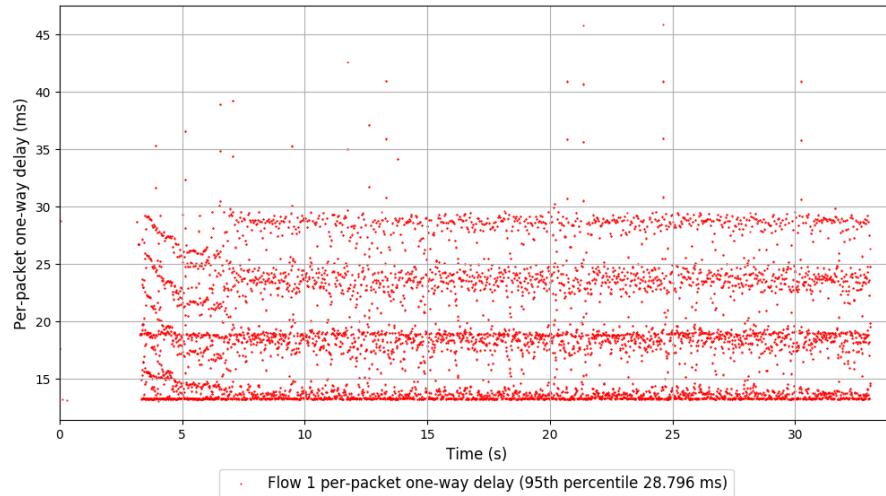
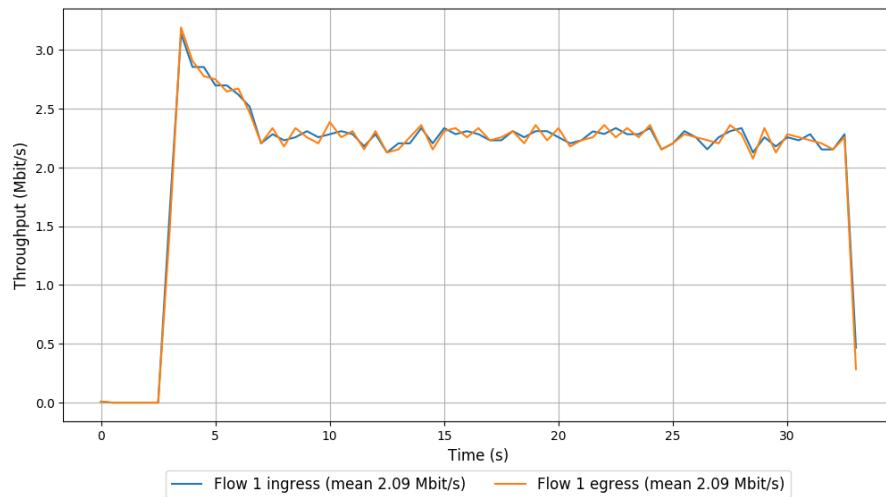


Run 9: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:57:58 +0000
End at: Fri, 23 Jun 2017 22:58:28 +0000
Local clock offset: 4.334 ms
Remote clock offset: -14.529 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 28.796 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 28.796 ms
Loss rate: 0.19%
```

Run 9: Report of Copa — Data Link

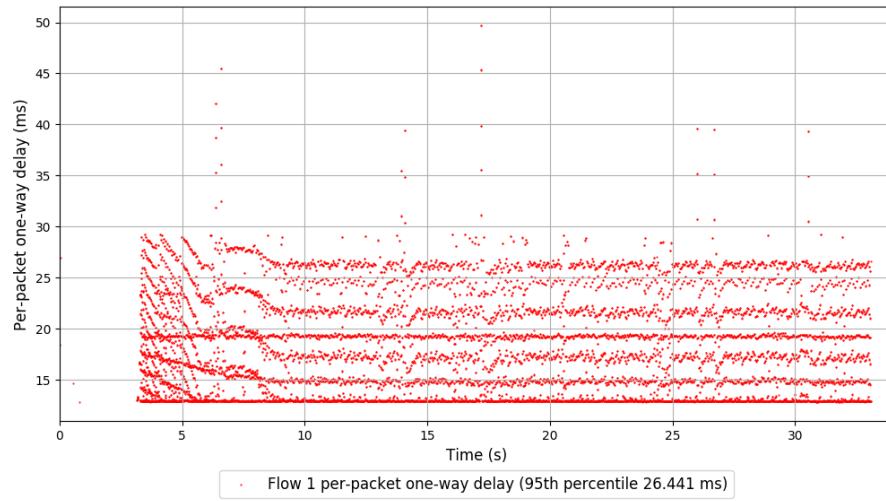
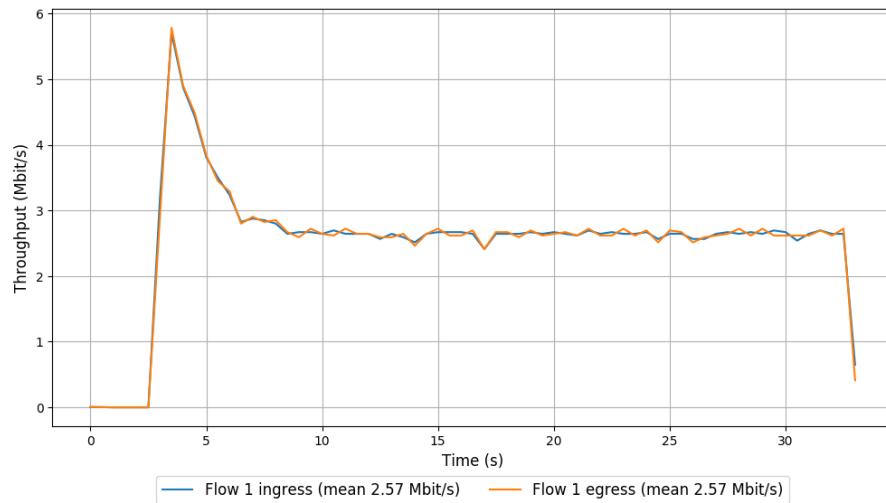


Run 10: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 23:16:23 +0000
End at: Fri, 23 Jun 2017 23:16:53 +0000
Local clock offset: -0.473 ms
Remote clock offset: -15.074 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 26.441 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 26.441 ms
Loss rate: 0.17%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:34:04 +0000
```

```
End at: Fri, 23 Jun 2017 20:34:34 +0000
```

```
Local clock offset: 2.041 ms
```

```
Remote clock offset: -16.791 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:37:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 8.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.617 ms
```

```
Loss rate: 0.95%
```

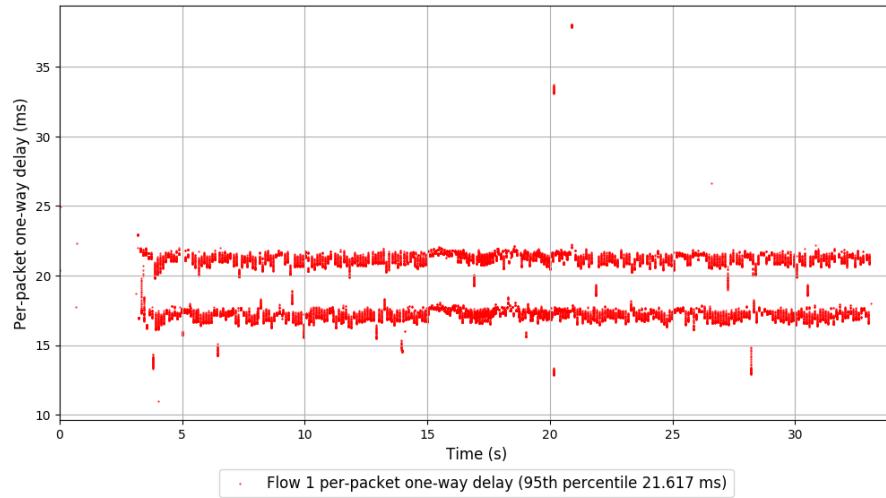
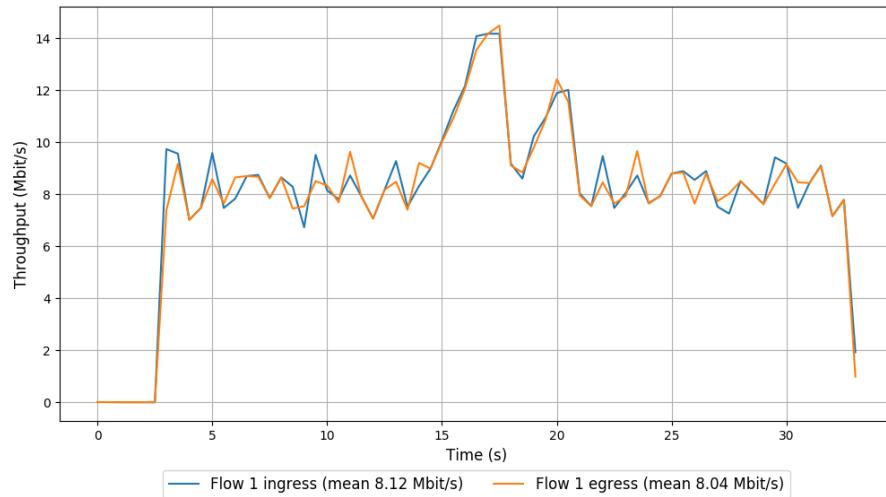
```
-- Flow 1:
```

```
Average throughput: 8.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.617 ms
```

```
Loss rate: 0.95%
```

Run 1: Report of TCP Cubic — Data Link

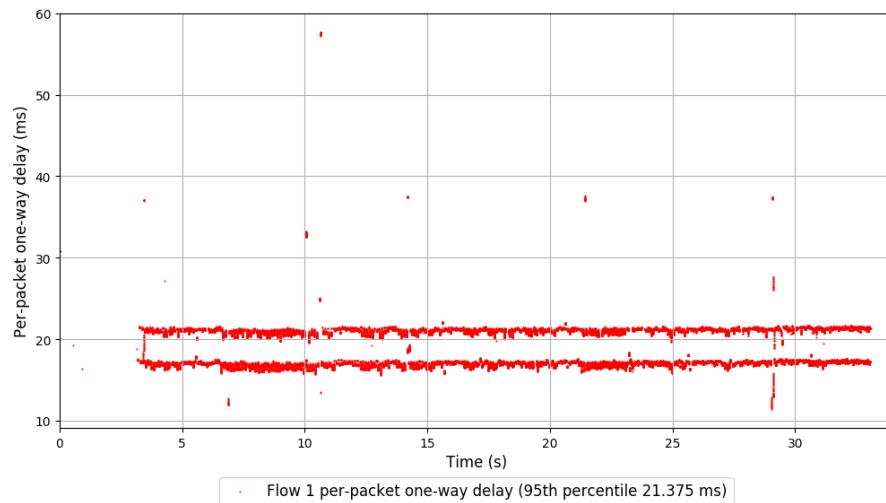
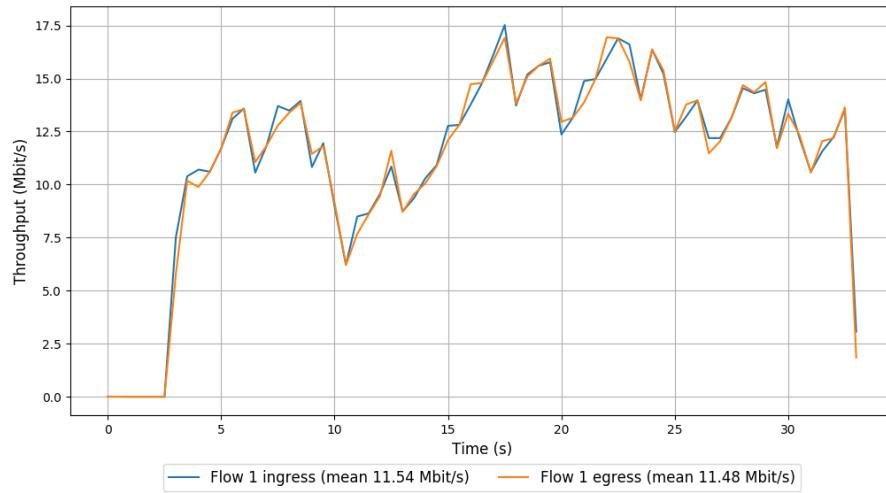


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 20:52:28 +0000
End at: Fri, 23 Jun 2017 20:52:58 +0000
Local clock offset: 5.653 ms
Remote clock offset: -17.061 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.57%
```

Run 2: Report of TCP Cubic — Data Link

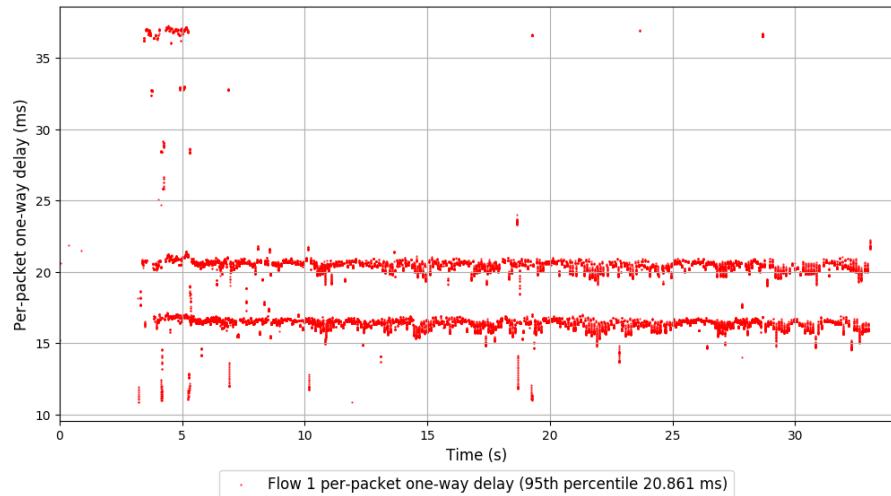
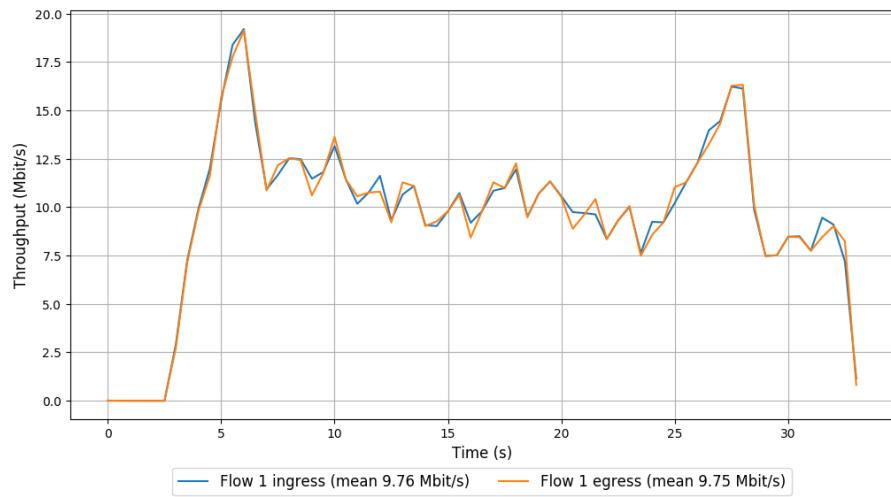


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:10:52 +0000
End at: Fri, 23 Jun 2017 21:11:22 +0000
Local clock offset: 1.09 ms
Remote clock offset: -16.447 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 20.861 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 20.861 ms
Loss rate: 0.26%
```

Run 3: Report of TCP Cubic — Data Link

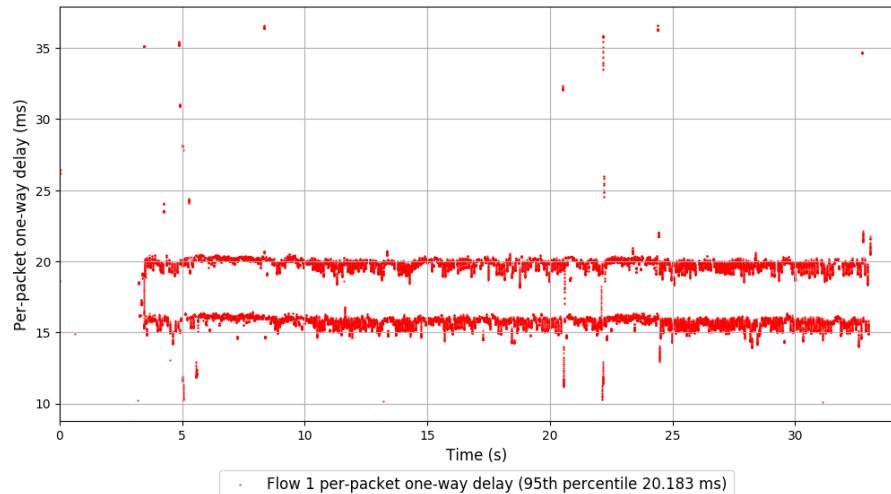
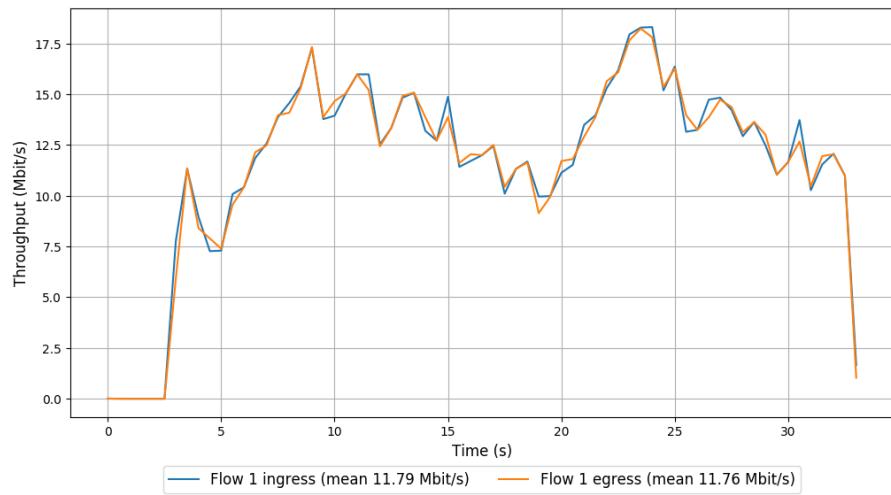


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:29:17 +0000
End at: Fri, 23 Jun 2017 21:29:47 +0000
Local clock offset: 3.63 ms
Remote clock offset: -16.08 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 20.183 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 20.183 ms
Loss rate: 0.44%
```

Run 4: Report of TCP Cubic — Data Link

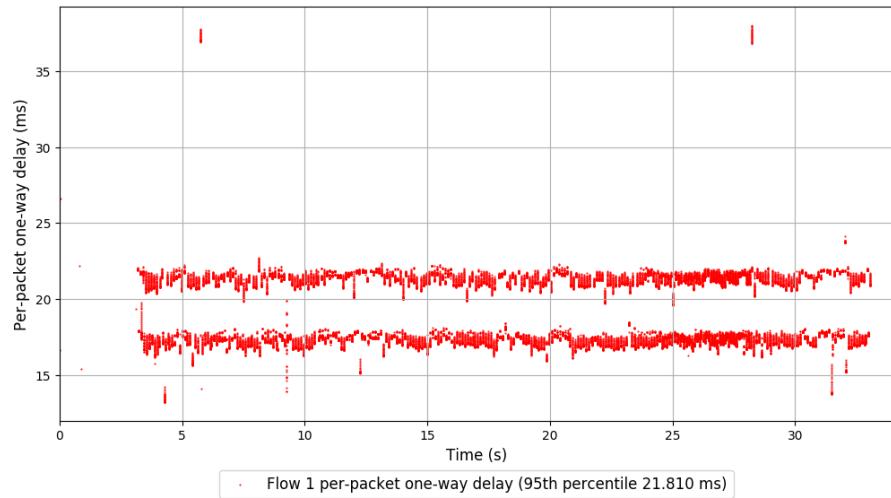
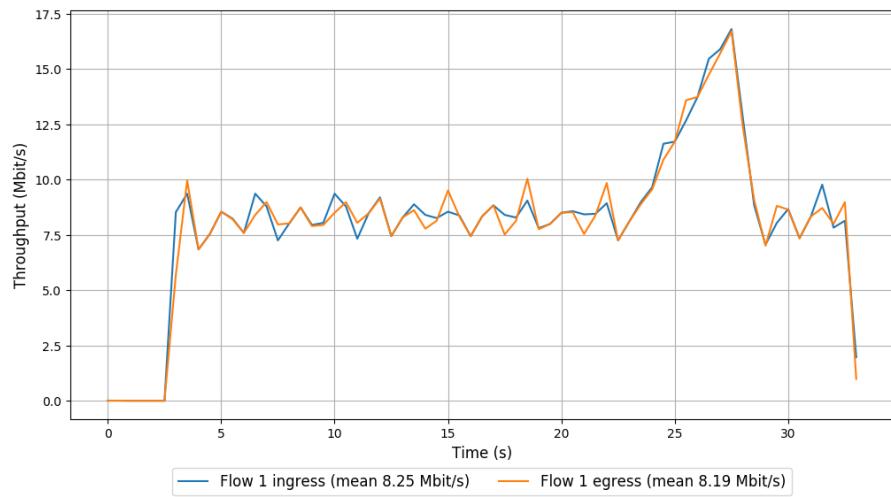


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:47:27 +0000
End at: Fri, 23 Jun 2017 21:47:57 +0000
Local clock offset: 2.161 ms
Remote clock offset: -16.144 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 21.810 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 21.810 ms
Loss rate: 0.78%
```

Run 5: Report of TCP Cubic — Data Link

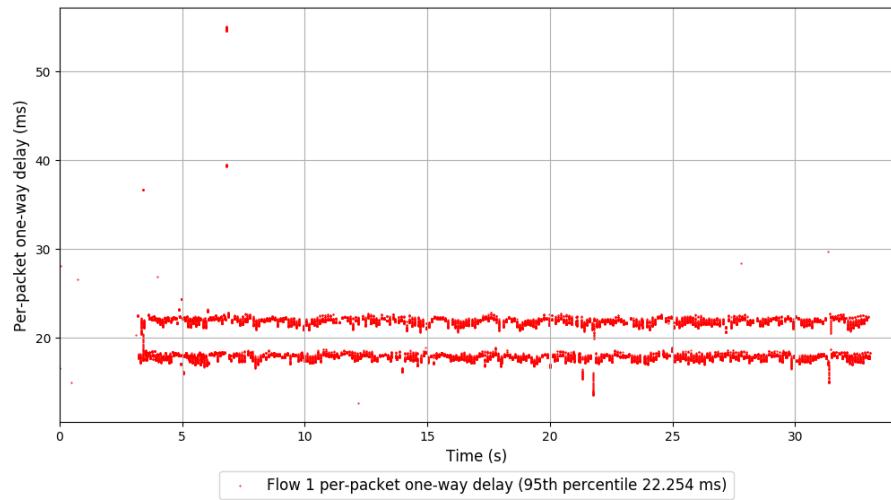
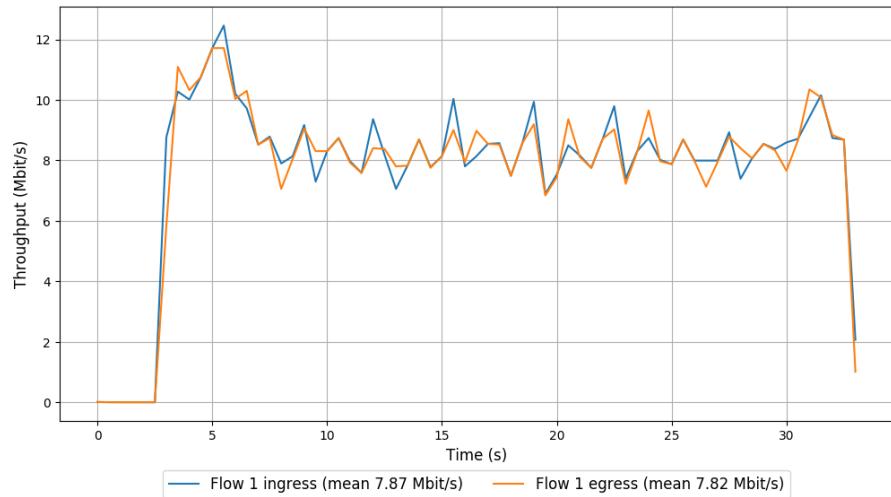


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 22:05:41 +0000
End at: Fri, 23 Jun 2017 22:06:11 +0000
Local clock offset: 1.786 ms
Remote clock offset: -15.414 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 22.254 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 22.254 ms
Loss rate: 0.73%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:23:54 +0000

End at: Fri, 23 Jun 2017 22:24:24 +0000

Local clock offset: 4.873 ms

Remote clock offset: -14.108 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:38:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.26 Mbit/s

95th percentile per-packet one-way delay: 22.268 ms

Loss rate: 0.67%

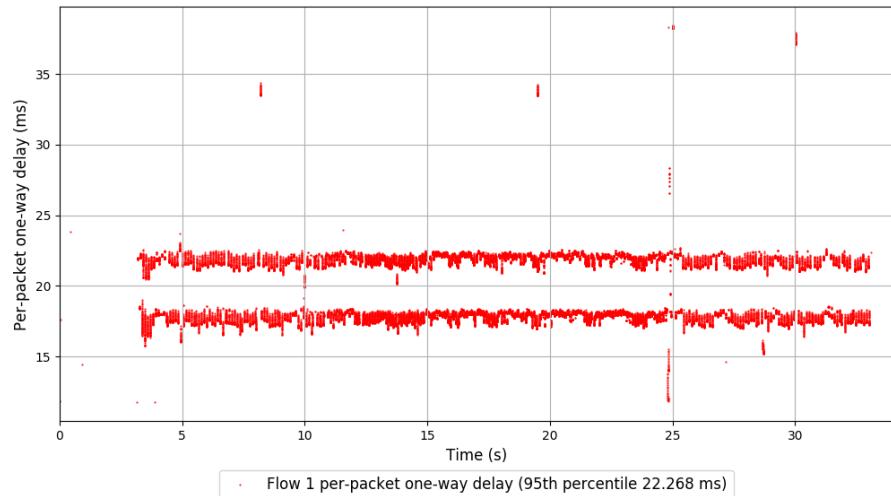
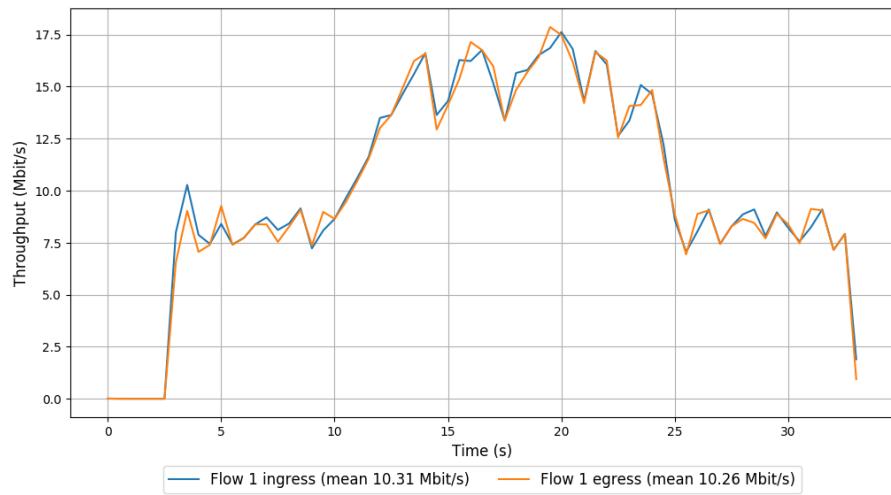
-- Flow 1:

Average throughput: 10.26 Mbit/s

95th percentile per-packet one-way delay: 22.268 ms

Loss rate: 0.67%

Run 7: Report of TCP Cubic — Data Link

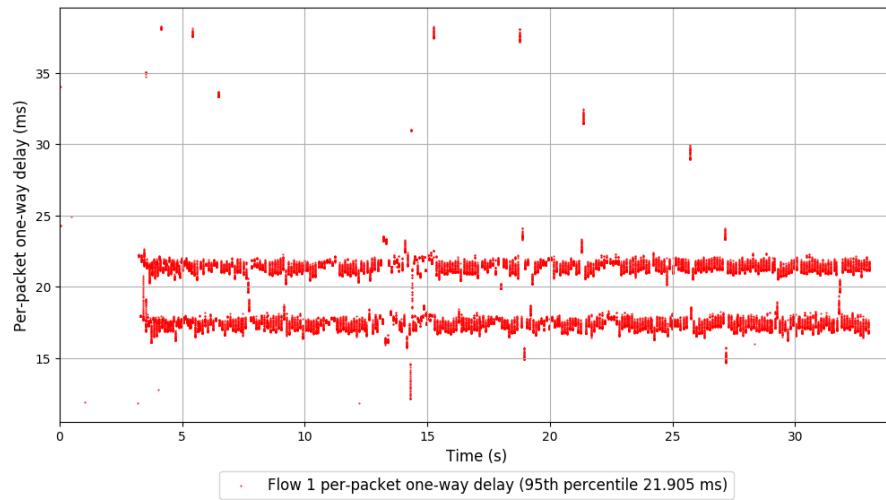
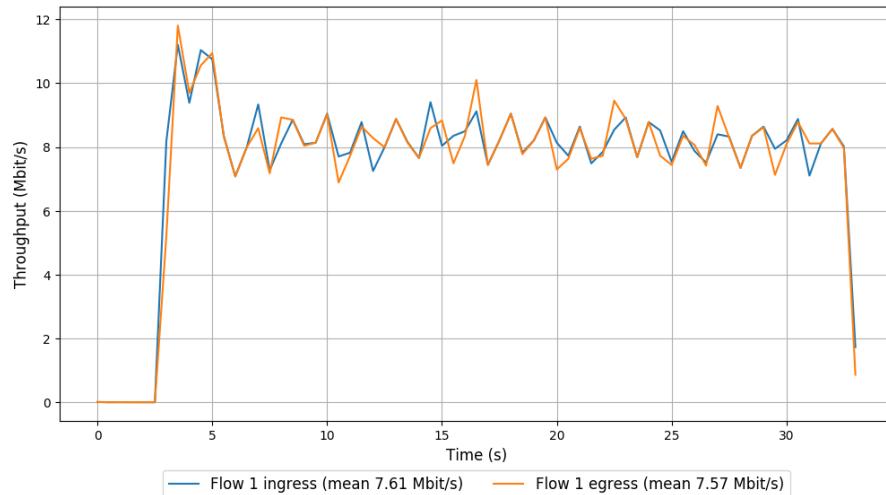


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 22:42:23 +0000
End at: Fri, 23 Jun 2017 22:42:53 +0000
Local clock offset: 7.039 ms
Remote clock offset: -13.384 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 21.905 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 21.905 ms
Loss rate: 0.74%
```

Run 8: Report of TCP Cubic — Data Link

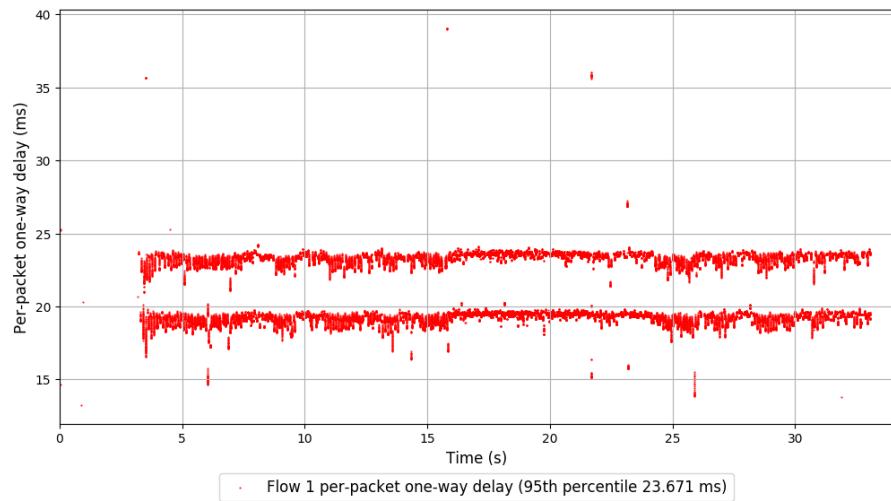
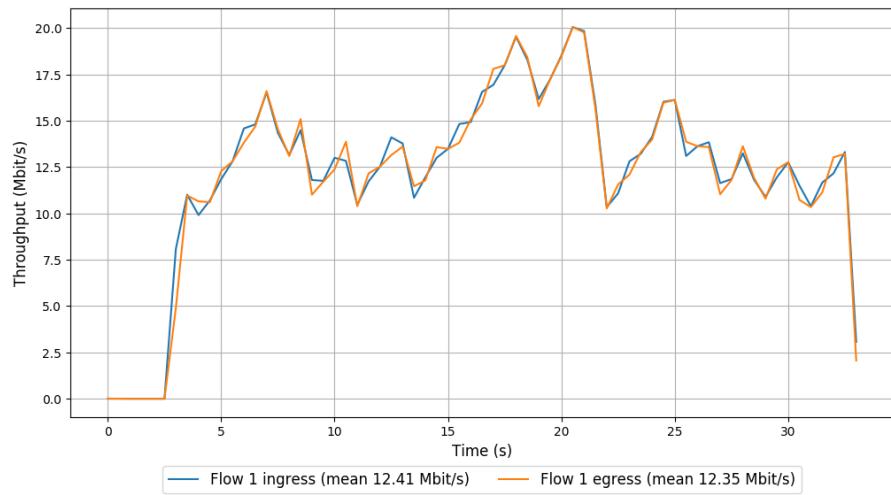


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 23:00:27 +0000
End at: Fri, 23 Jun 2017 23:00:57 +0000
Local clock offset: 2.122 ms
Remote clock offset: -16.44 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 23.671 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 23.671 ms
Loss rate: 0.60%
```

Run 9: Report of TCP Cubic — Data Link

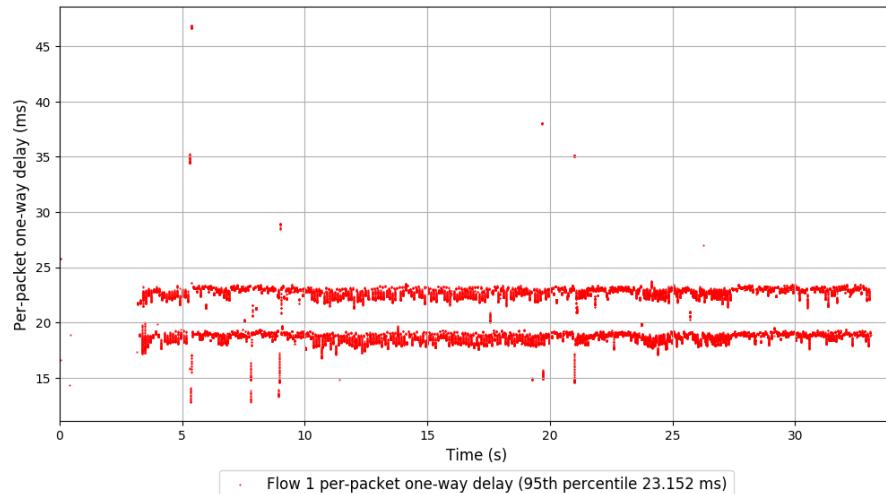
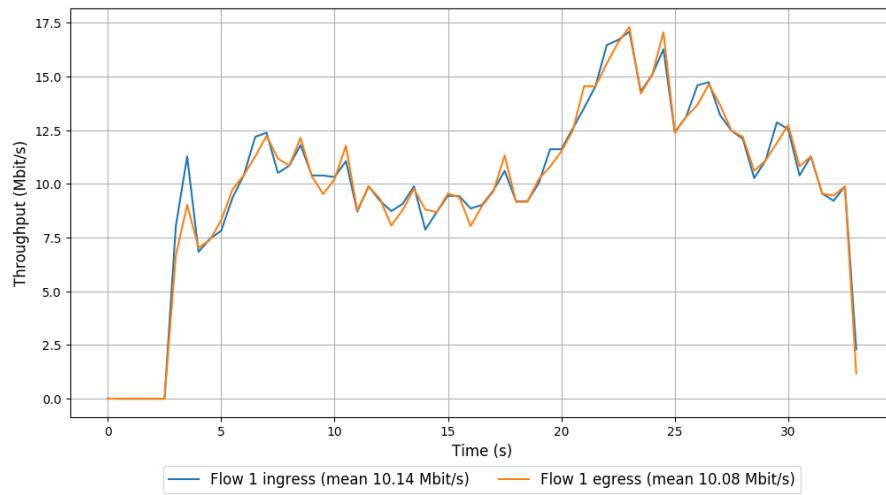


Run 10: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 23:18:53 +0000
End at: Fri, 23 Jun 2017 23:19:23 +0000
Local clock offset: -2.194 ms
Remote clock offset: -13.889 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:38:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 23.152 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 23.152 ms
Loss rate: 0.65%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:46:15 +0000
```

```
End at: Fri, 23 Jun 2017 20:46:45 +0000
```

```
Local clock offset: 3.156 ms
```

```
Remote clock offset: -16.44 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 17.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.344 ms
```

```
Loss rate: 10.33%
```

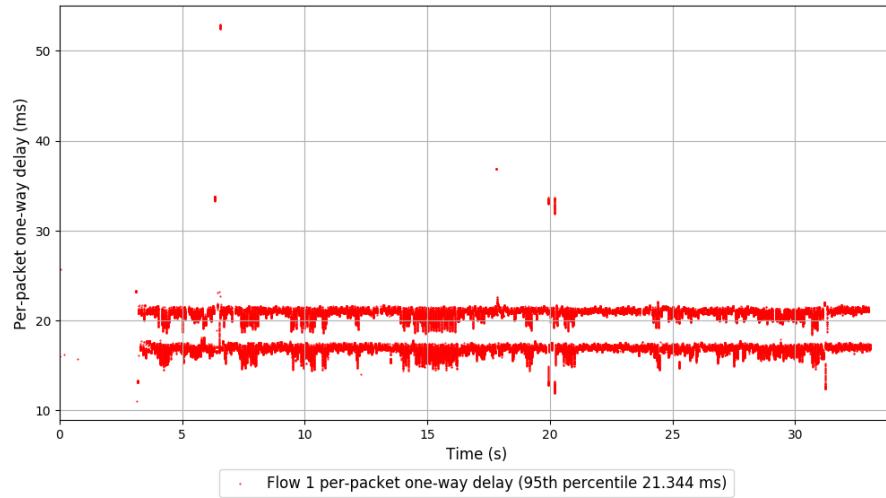
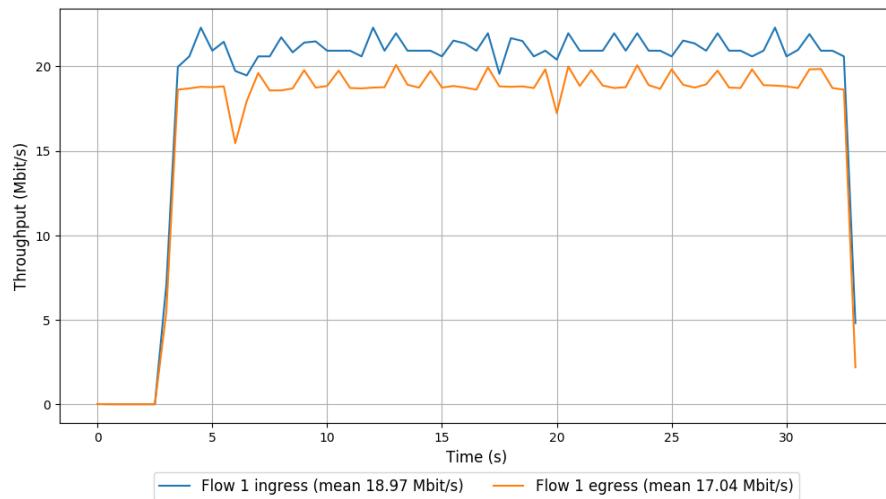
```
-- Flow 1:
```

```
Average throughput: 17.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.344 ms
```

```
Loss rate: 10.33%
```

Run 1: Report of KohoCC — Data Link

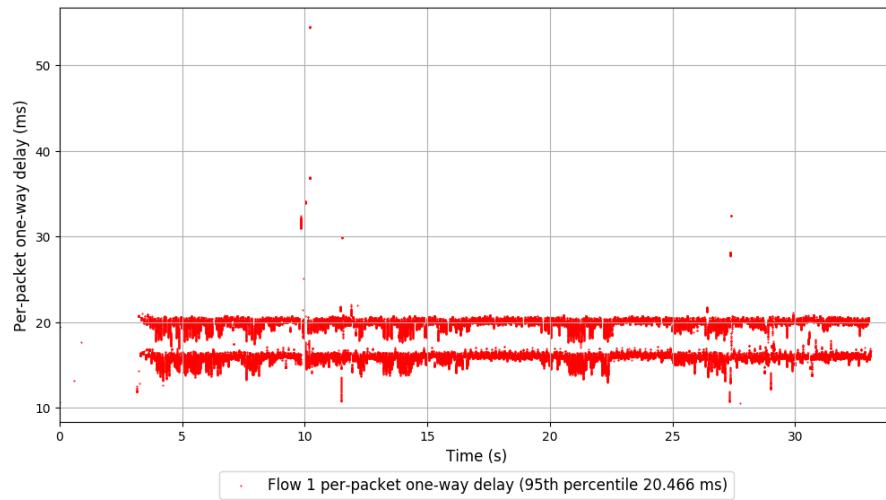
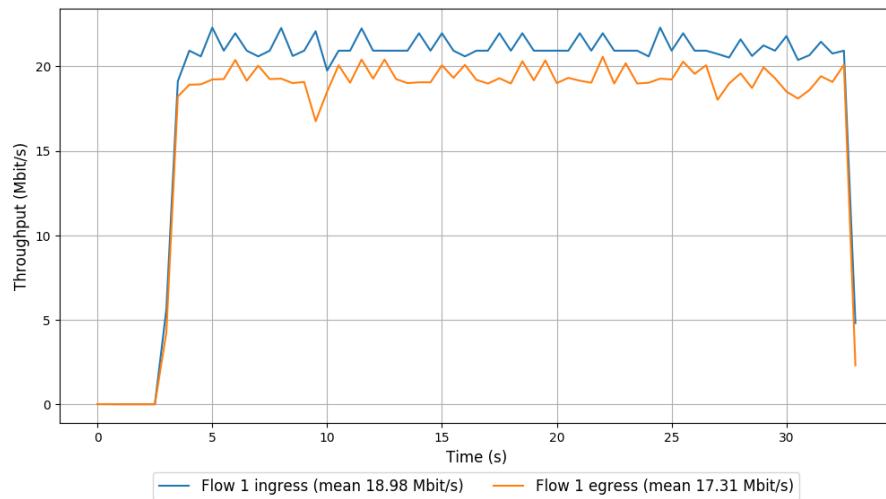


Run 2: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:04:36 +0000
End at: Fri, 23 Jun 2017 21:05:06 +0000
Local clock offset: 6.872 ms
Remote clock offset: -17.058 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 20.466 ms
Loss rate: 8.84%
-- Flow 1:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 20.466 ms
Loss rate: 8.84%
```

Run 2: Report of KohoCC — Data Link

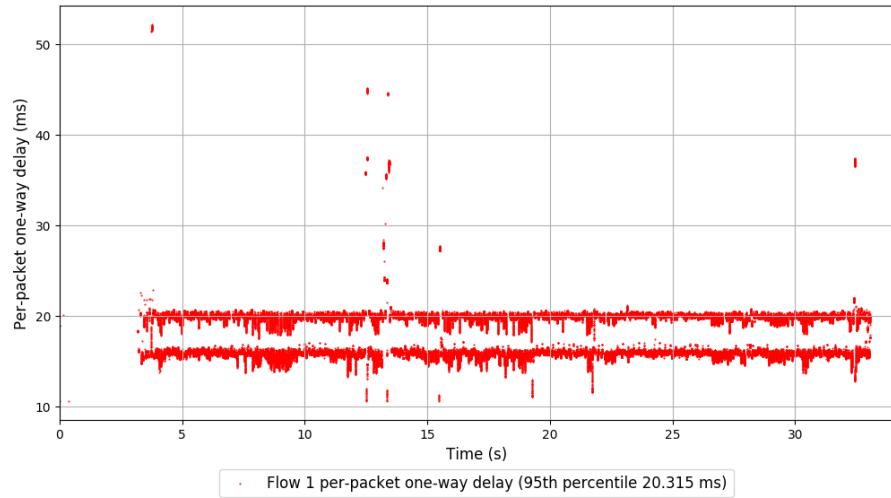
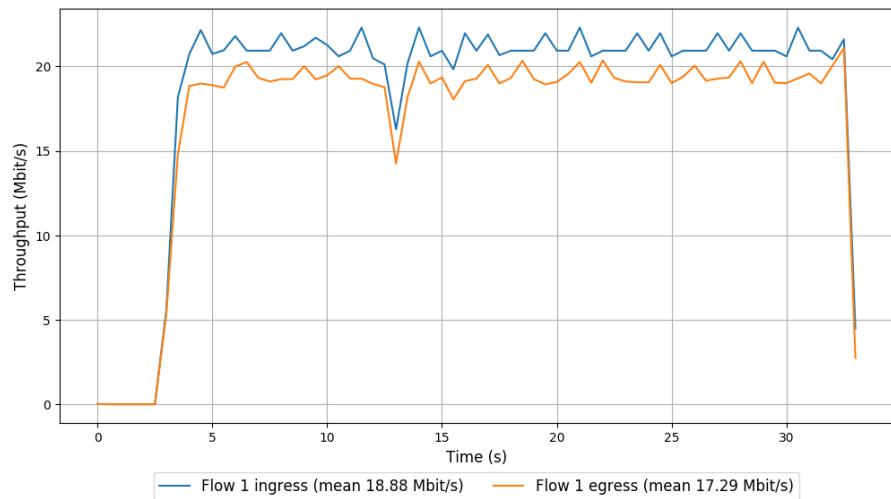


Run 3: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:23:05 +0000
End at: Fri, 23 Jun 2017 21:23:35 +0000
Local clock offset: 3.634 ms
Remote clock offset: -16.083 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 20.315 ms
Loss rate: 8.54%
-- Flow 1:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 20.315 ms
Loss rate: 8.54%
```

Run 3: Report of KohoCC — Data Link

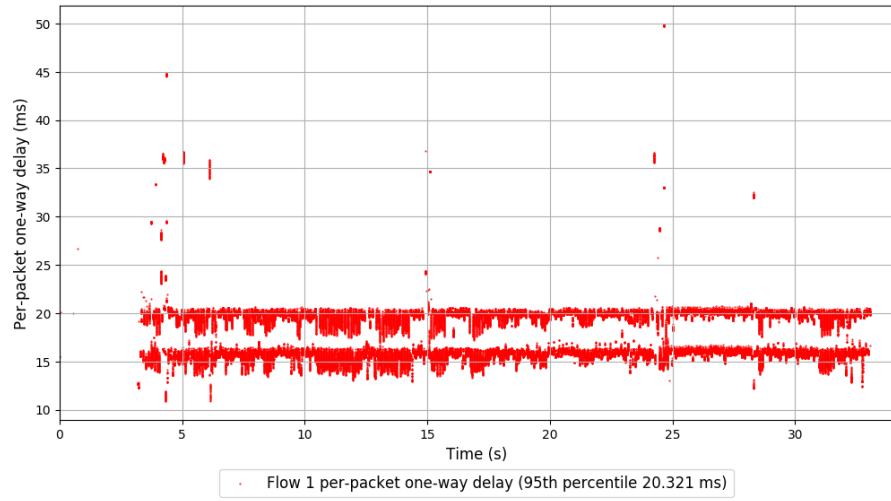
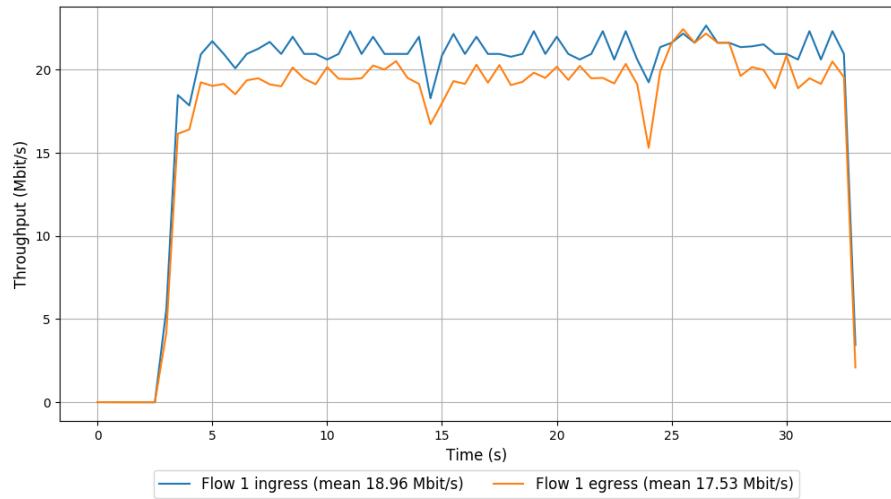


Run 4: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:41:18 +0000
End at: Fri, 23 Jun 2017 21:41:48 +0000
Local clock offset: 0.417 ms
Remote clock offset: -15.604 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.53 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 7.64%
-- Flow 1:
Average throughput: 17.53 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 7.64%
```

Run 4: Report of KohoCC — Data Link

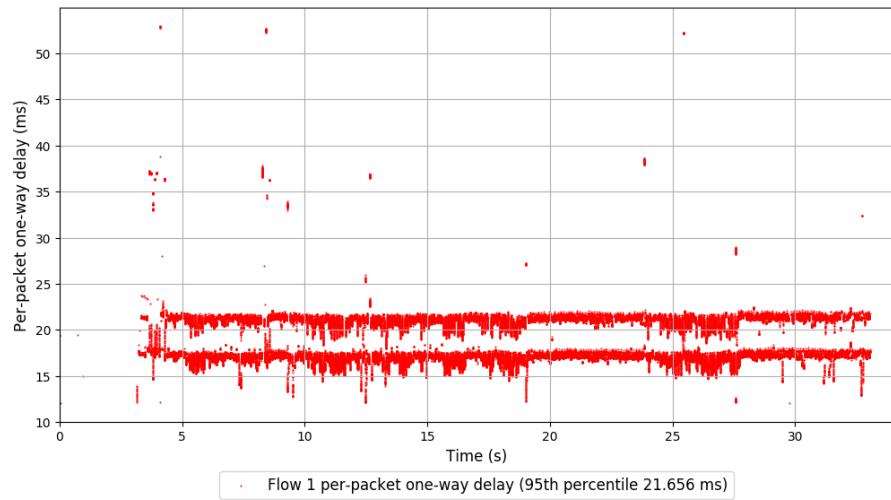
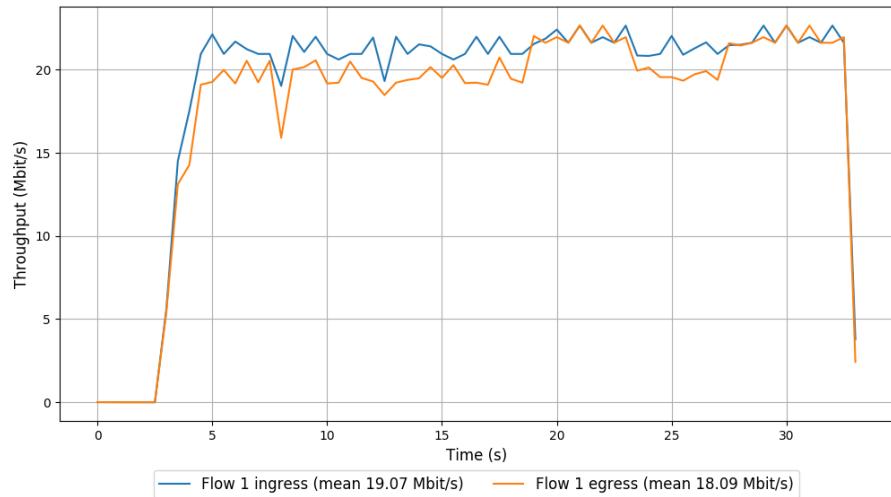


Run 5: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:59:29 +0000
End at: Fri, 23 Jun 2017 21:59:59 +0000
Local clock offset: 1.647 ms
Remote clock offset: -15.306 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.09 Mbit/s
95th percentile per-packet one-way delay: 21.656 ms
Loss rate: 5.24%
-- Flow 1:
Average throughput: 18.09 Mbit/s
95th percentile per-packet one-way delay: 21.656 ms
Loss rate: 5.24%
```

Run 5: Report of KohoCC — Data Link

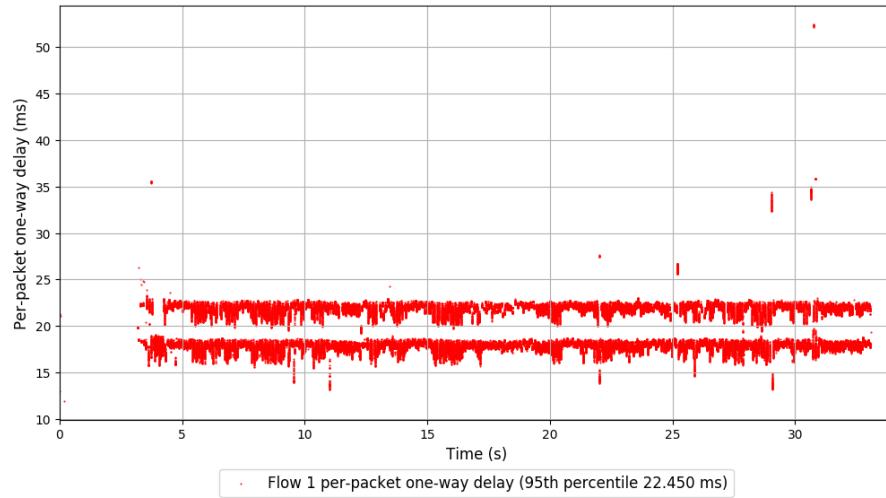
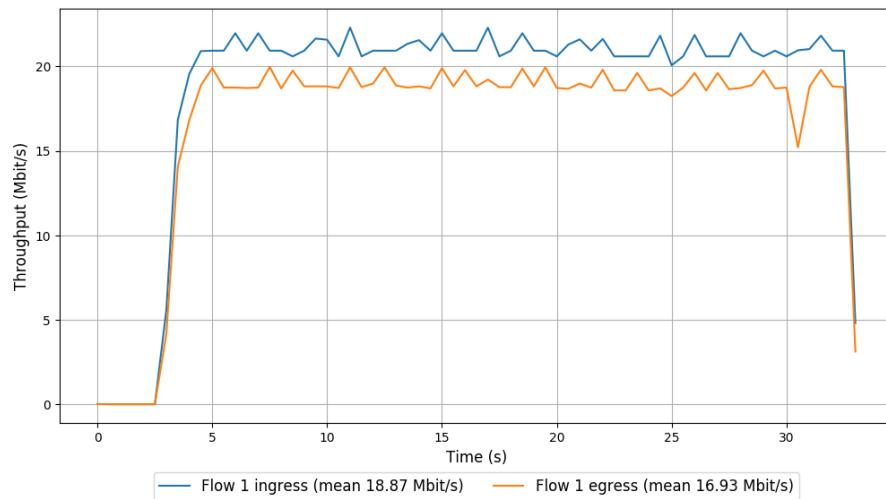


Run 6: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 22:17:46 +0000
End at: Fri, 23 Jun 2017 22:18:16 +0000
Local clock offset: 1.904 ms
Remote clock offset: -14.606 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:39:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.93 Mbit/s
95th percentile per-packet one-way delay: 22.450 ms
Loss rate: 10.34%
-- Flow 1:
Average throughput: 16.93 Mbit/s
95th percentile per-packet one-way delay: 22.450 ms
Loss rate: 10.34%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:36:09 +0000

End at: Fri, 23 Jun 2017 22:36:39 +0000

Local clock offset: 5.26 ms

Remote clock offset: -15.448 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:40:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.75 Mbit/s

95th percentile per-packet one-way delay: 20.768 ms

Loss rate: 6.37%

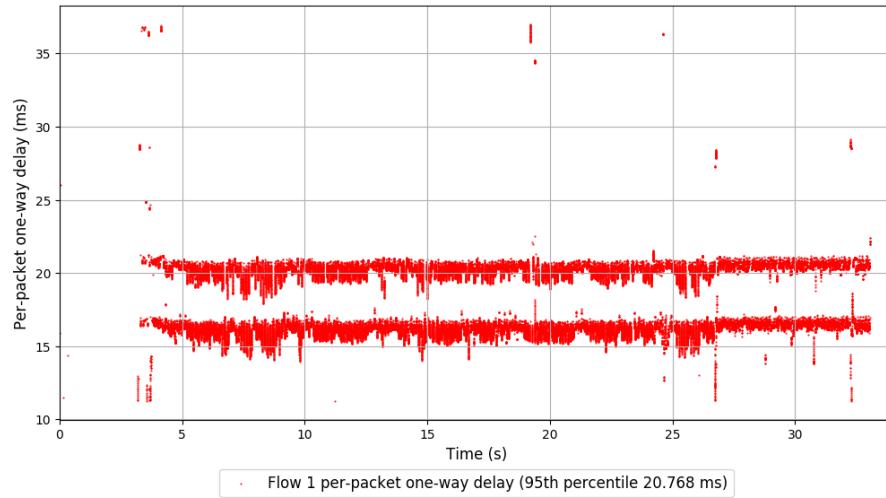
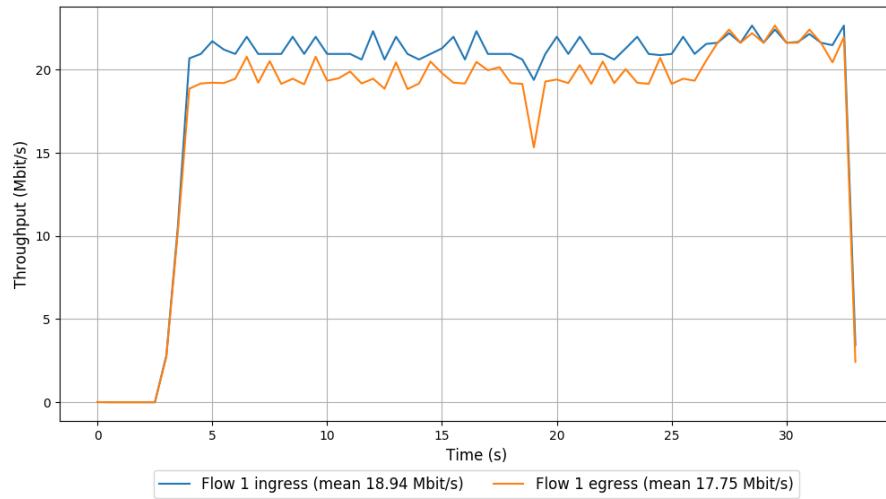
-- Flow 1:

Average throughput: 17.75 Mbit/s

95th percentile per-packet one-way delay: 20.768 ms

Loss rate: 6.37%

Run 7: Report of KohoCC — Data Link

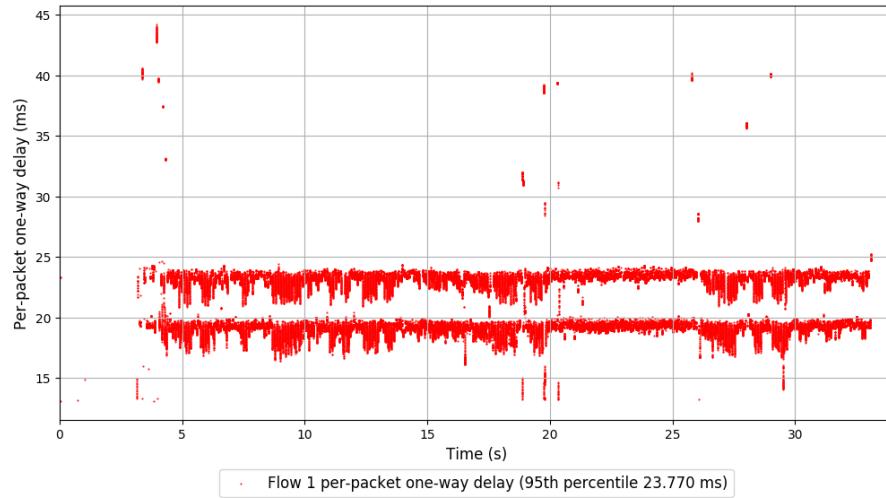
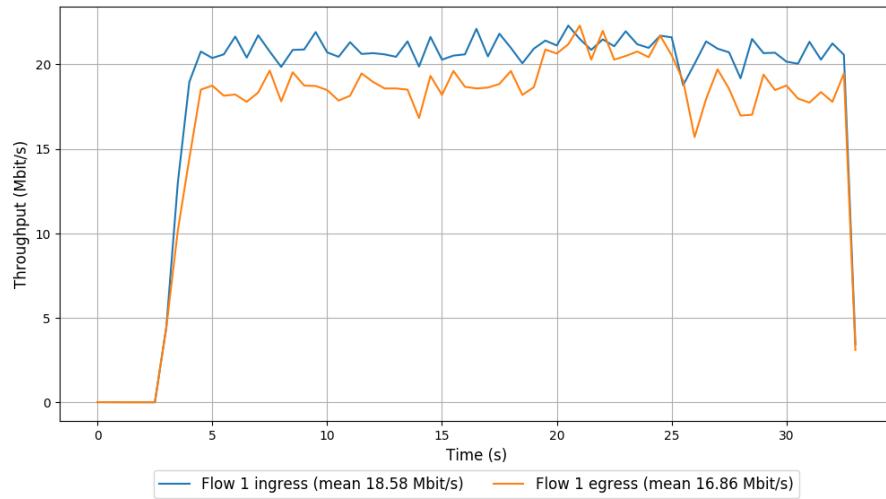


Run 8: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 22:54:16 +0000
End at: Fri, 23 Jun 2017 22:54:46 +0000
Local clock offset: 5.409 ms
Remote clock offset: -14.842 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 23.770 ms
Loss rate: 9.38%
-- Flow 1:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 23.770 ms
Loss rate: 9.38%
```

Run 8: Report of KohoCC — Data Link

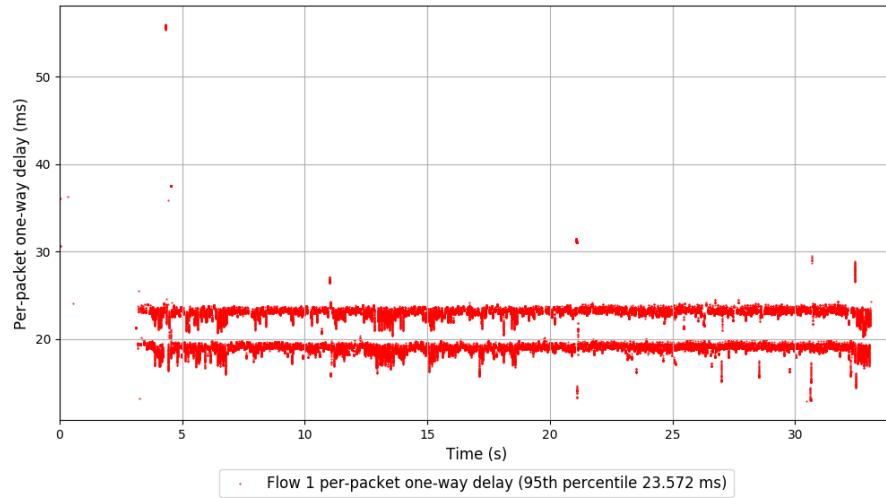
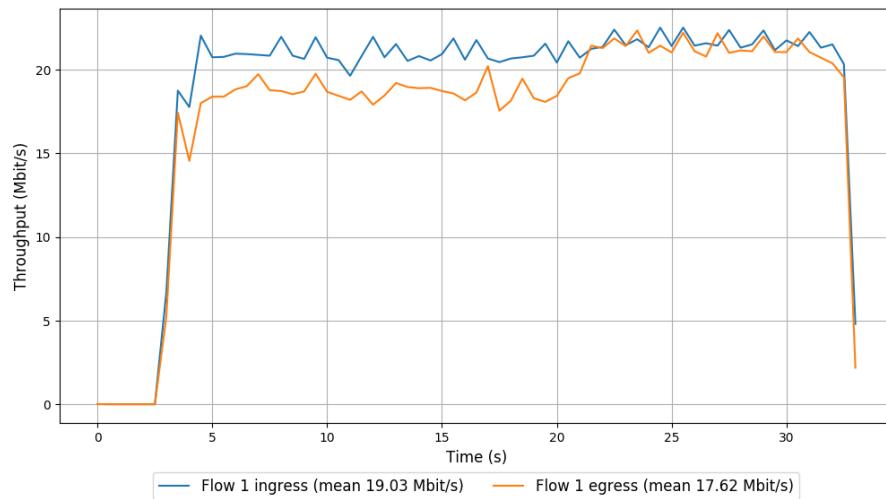


Run 9: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 23:12:40 +0000
End at: Fri, 23 Jun 2017 23:13:10 +0000
Local clock offset: 2.766 ms
Remote clock offset: -14.425 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.62 Mbit/s
95th percentile per-packet one-way delay: 23.572 ms
Loss rate: 7.47%
-- Flow 1:
Average throughput: 17.62 Mbit/s
95th percentile per-packet one-way delay: 23.572 ms
Loss rate: 7.47%
```

Run 9: Report of KohoCC — Data Link

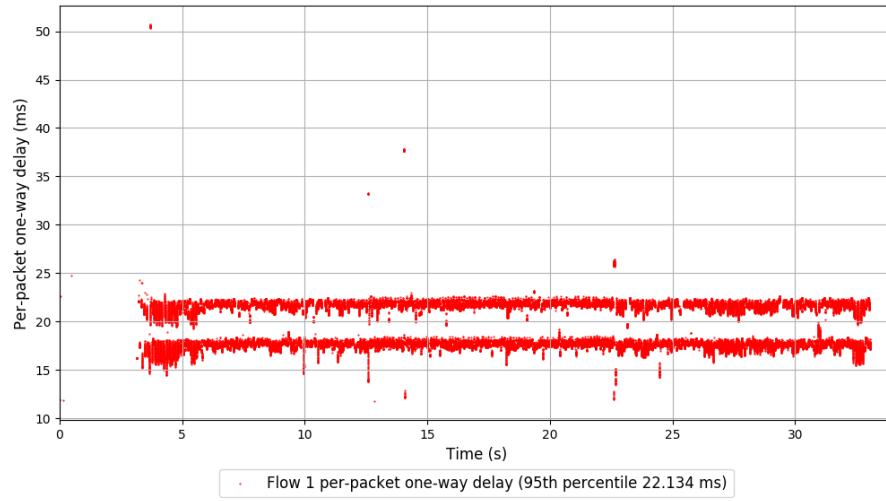
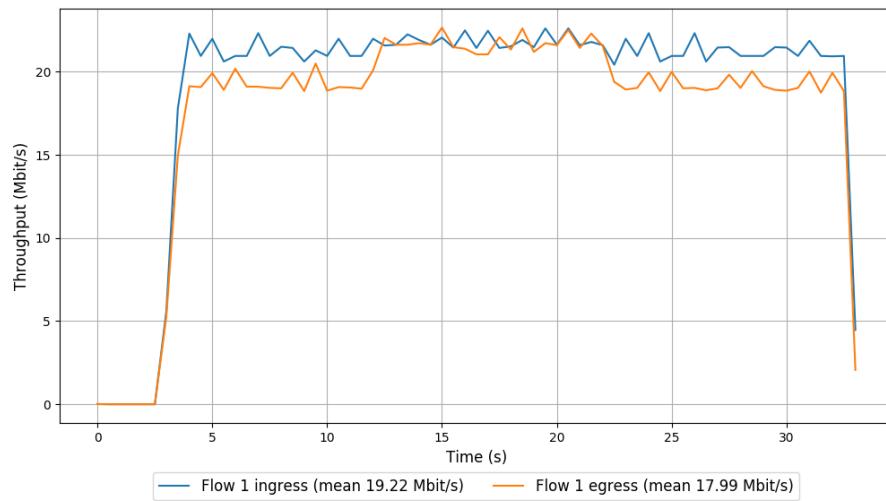


Run 10: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 23:30:59 +0000
End at: Fri, 23 Jun 2017 23:31:29 +0000
Local clock offset: 2.997 ms
Remote clock offset: -16.555 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.99 Mbit/s
95th percentile per-packet one-way delay: 22.134 ms
Loss rate: 6.52%
-- Flow 1:
Average throughput: 17.99 Mbit/s
95th percentile per-packet one-way delay: 22.134 ms
Loss rate: 6.52%
```

Run 10: Report of KohoCC — Data Link

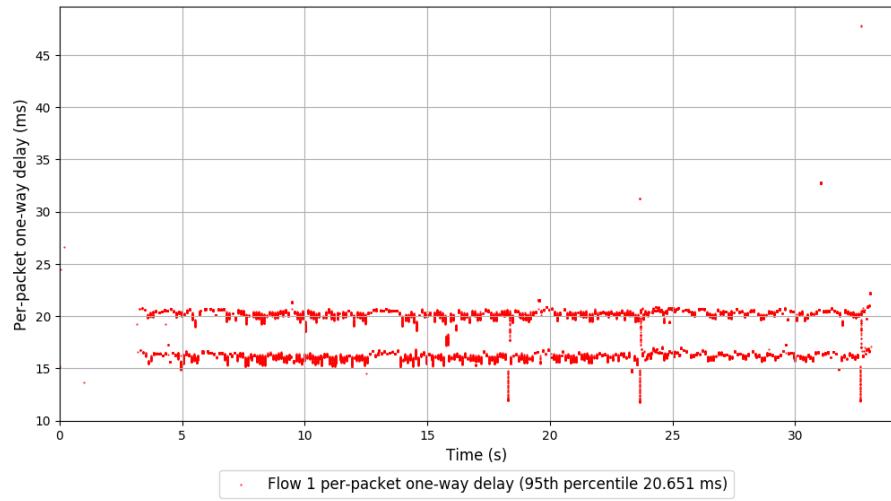
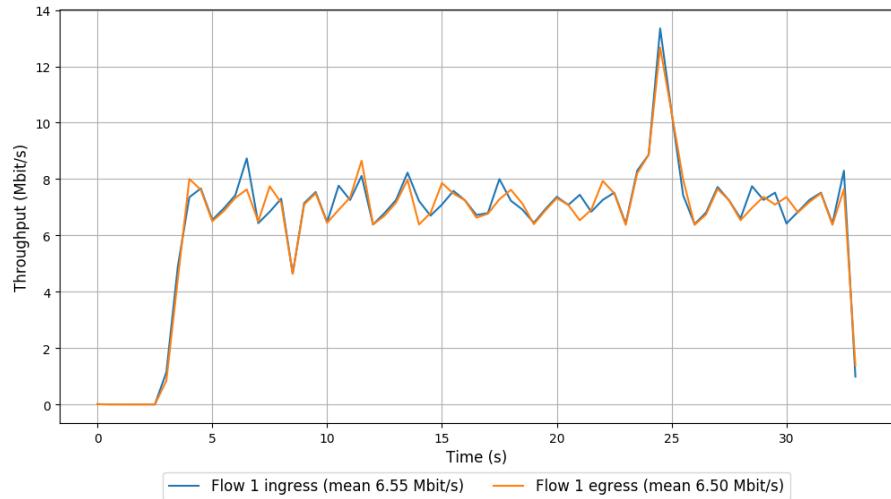


```
Run 1: Statistics of LEDBAT
```

```
Start at: Fri, 23 Jun 2017 20:39:03 +0000
End at: Fri, 23 Jun 2017 20:39:33 +0000
Local clock offset: -1.2 ms
Remote clock offset: -16.215 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 20.651 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 20.651 ms
Loss rate: 0.73%
```

Run 1: Report of LEDBAT — Data Link

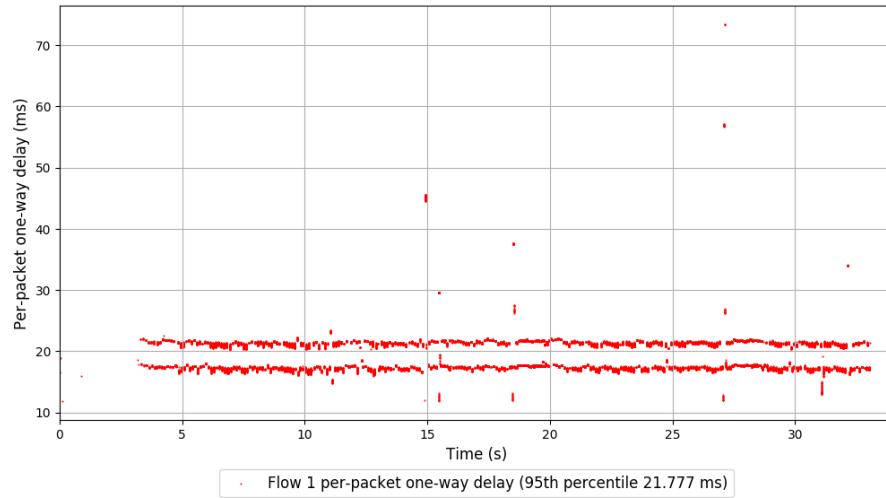
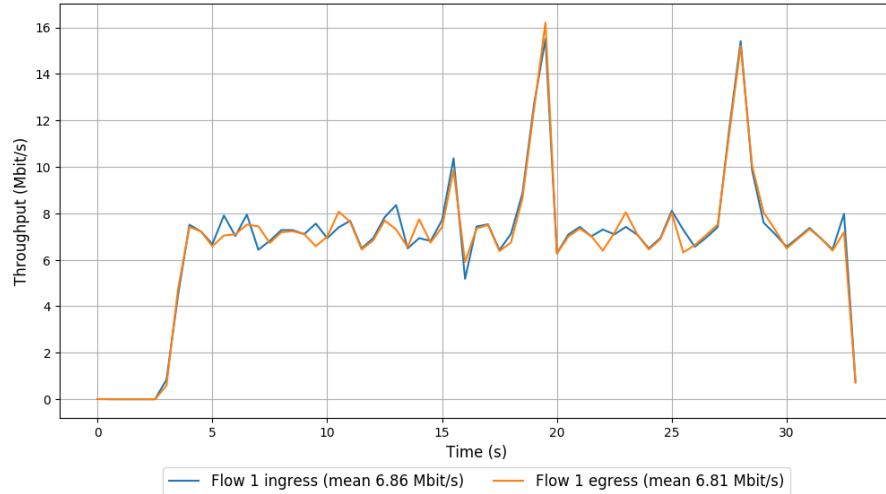


Run 2: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:57:31 +0000
End at: Fri, 23 Jun 2017 20:58:01 +0000
Local clock offset: 0.586 ms
Remote clock offset: -14.939 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 21.777 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 21.777 ms
Loss rate: 0.81%
```

Run 2: Report of LEDBAT — Data Link

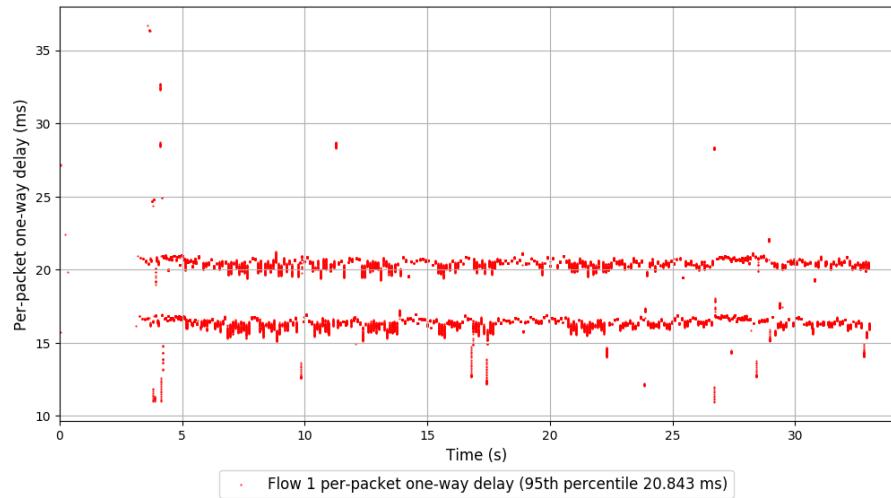
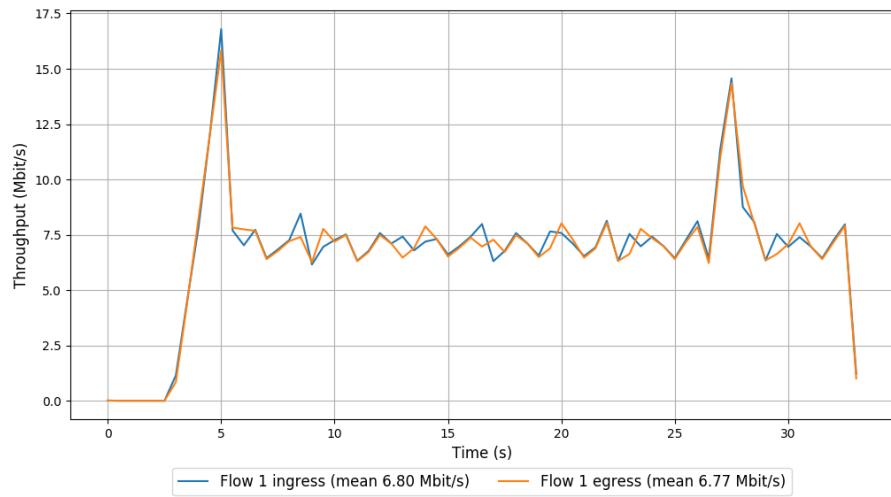


Run 3: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:15:48 +0000
End at: Fri, 23 Jun 2017 21:16:18 +0000
Local clock offset: 3.962 ms
Remote clock offset: -16.232 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 20.843 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 20.843 ms
Loss rate: 0.62%
```

Run 3: Report of LEDBAT — Data Link

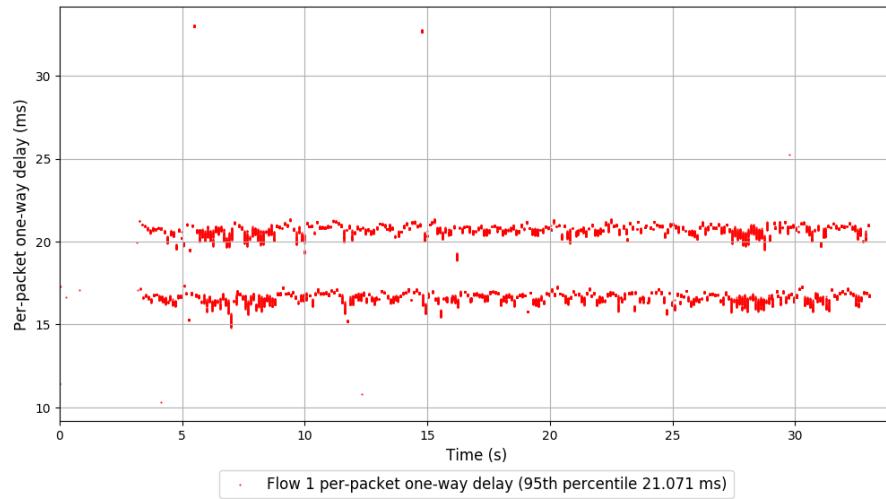
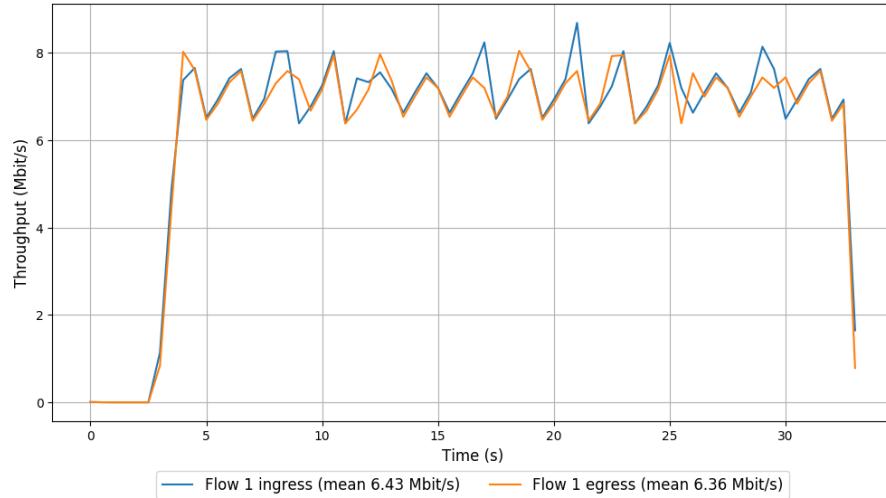


Run 4: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:34:12 +0000
End at: Fri, 23 Jun 2017 21:34:42 +0000
Local clock offset: 3.083 ms
Remote clock offset: -15.42 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 21.071 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 21.071 ms
Loss rate: 1.17%
```

Run 4: Report of LEDBAT — Data Link

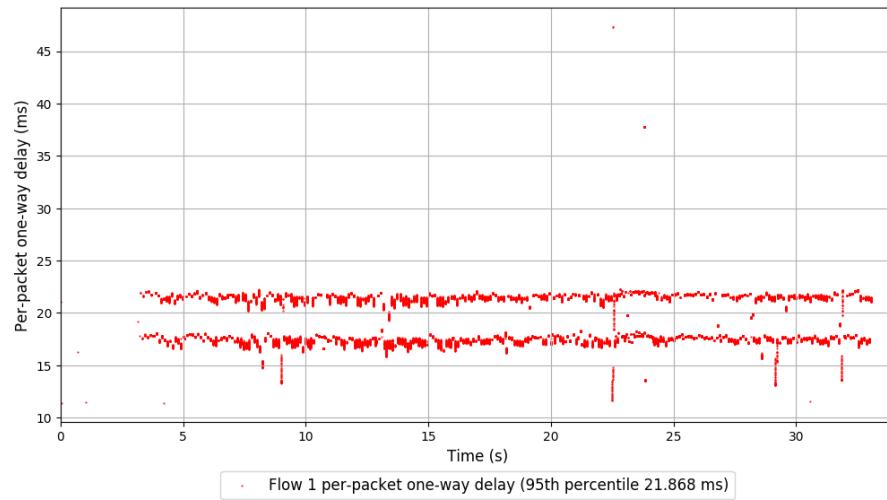
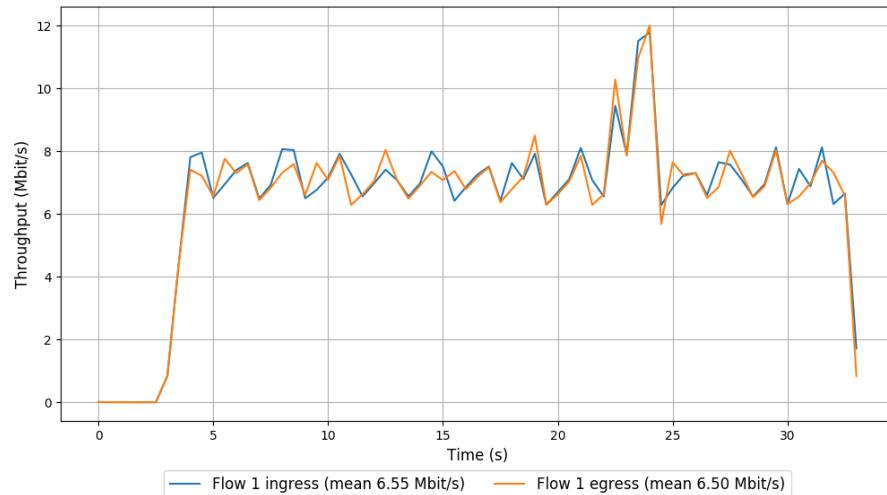


Run 5: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:52:20 +0000
End at: Fri, 23 Jun 2017 21:52:50 +0000
Local clock offset: 3.69 ms
Remote clock offset: -14.266 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 21.868 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 21.868 ms
Loss rate: 0.91%
```

Run 5: Report of LEDBAT — Data Link

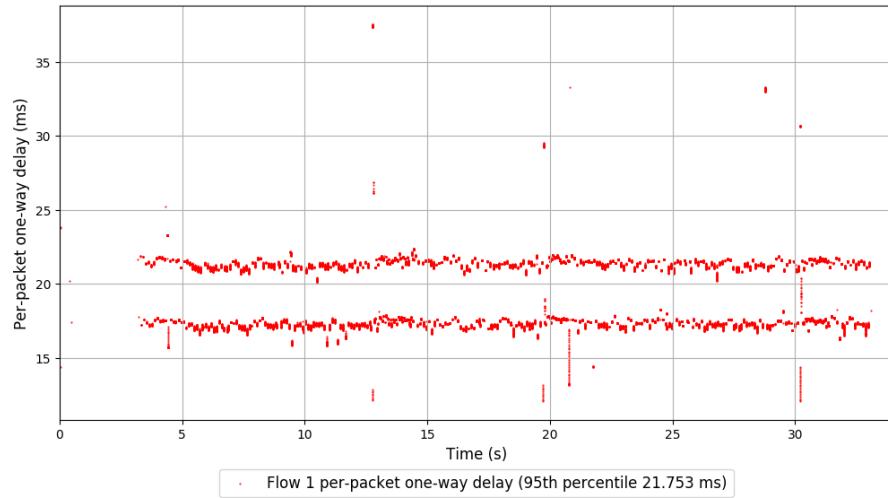
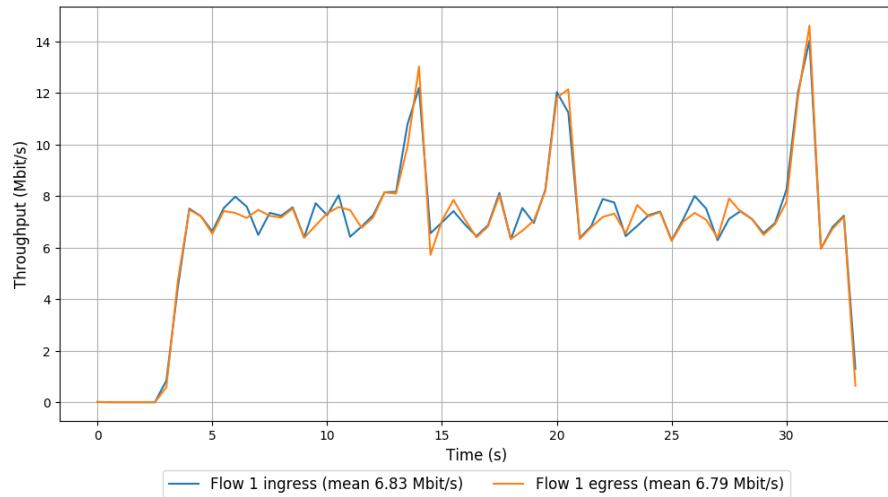


Run 6: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:10:33 +0000
End at: Fri, 23 Jun 2017 22:11:03 +0000
Local clock offset: 3.997 ms
Remote clock offset: -15.761 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:40:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 21.753 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 21.753 ms
Loss rate: 0.73%
```

Run 6: Report of LEDBAT — Data Link

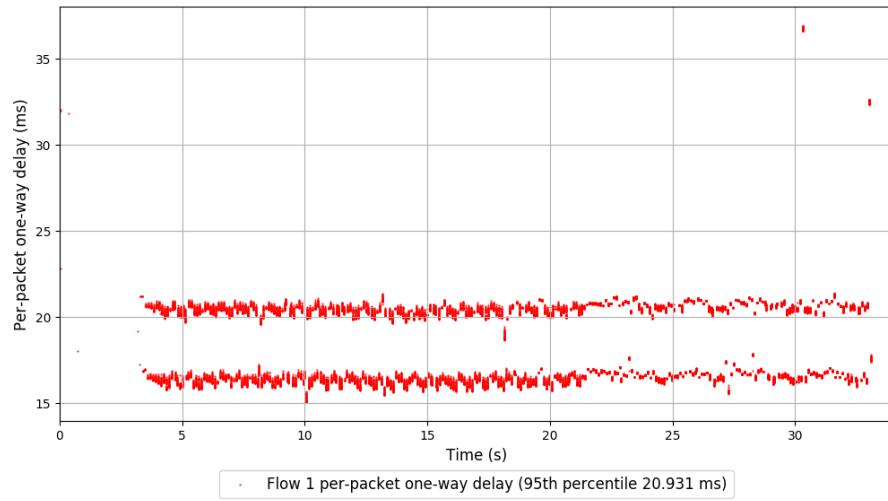
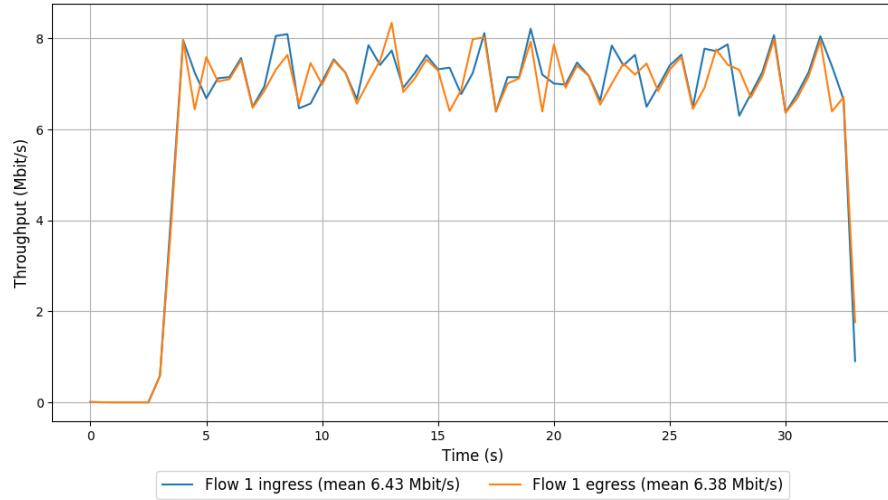


Run 7: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:28:50 +0000
End at: Fri, 23 Jun 2017 22:29:20 +0000
Local clock offset: 4.047 ms
Remote clock offset: -14.306 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 20.931 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 20.931 ms
Loss rate: 0.84%
```

Run 7: Report of LEDBAT — Data Link

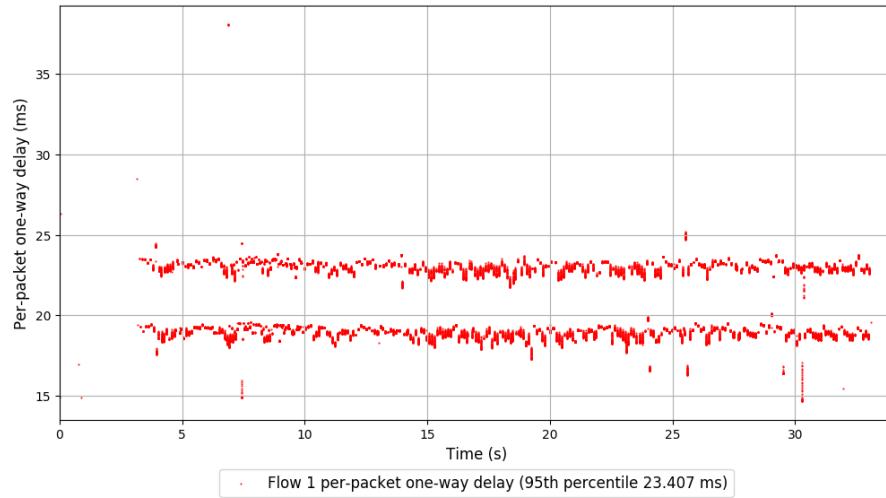
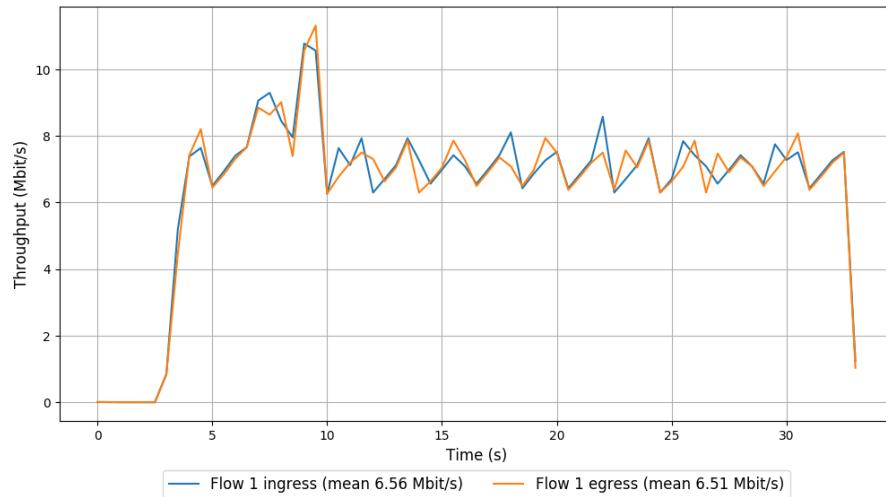


Run 8: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:47:16 +0000
End at: Fri, 23 Jun 2017 22:47:46 +0000
Local clock offset: 0.215 ms
Remote clock offset: -15.331 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 23.407 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 23.407 ms
Loss rate: 0.76%
```

Run 8: Report of LEDBAT — Data Link

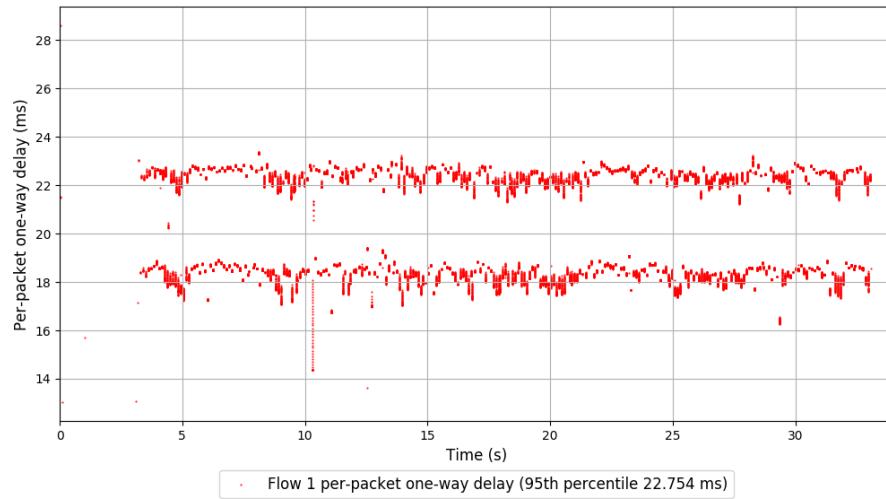
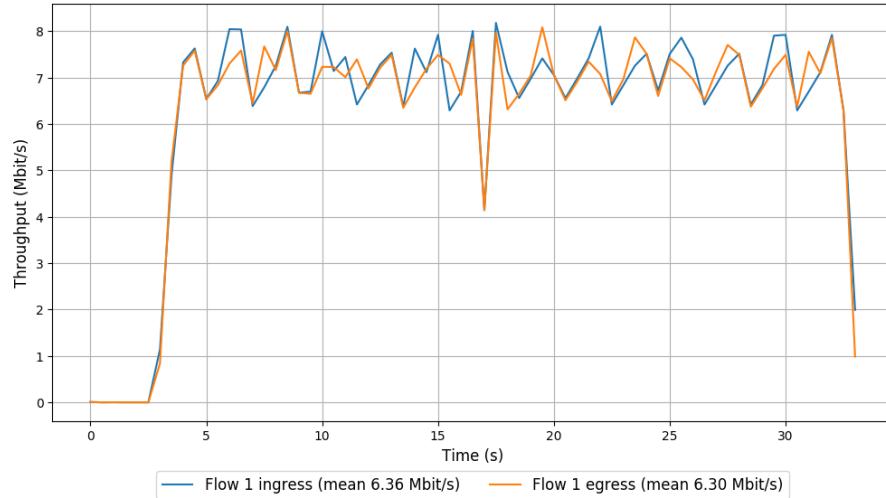


Run 9: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 23:05:29 +0000
End at: Fri, 23 Jun 2017 23:05:59 +0000
Local clock offset: 1.922 ms
Remote clock offset: -15.999 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 22.754 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 22.754 ms
Loss rate: 0.94%
```

Run 9: Report of LEDBAT — Data Link

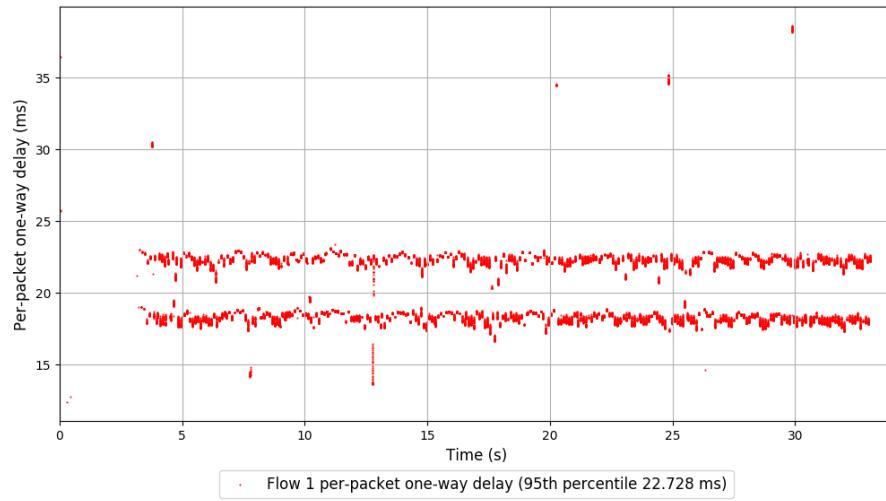
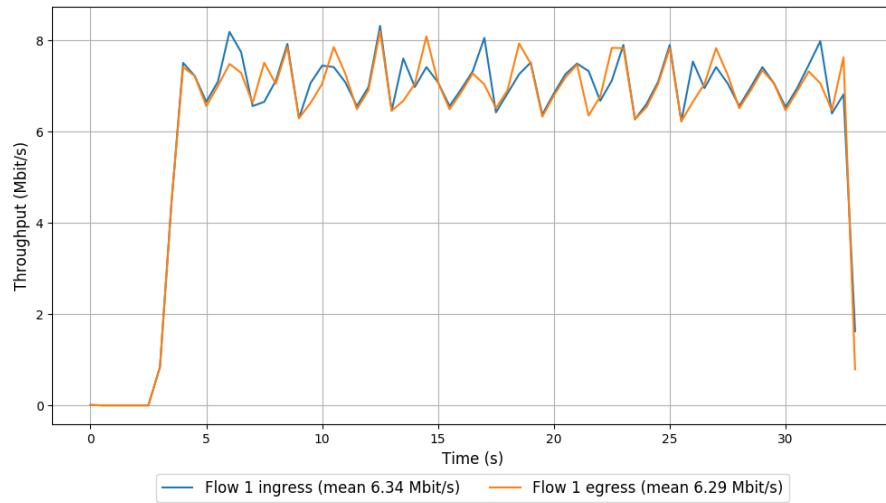


Run 10: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 23:23:50 +0000
End at: Fri, 23 Jun 2017 23:24:20 +0000
Local clock offset: -0.023 ms
Remote clock offset: -14.942 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 22.728 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 22.728 ms
Loss rate: 0.92%
```

Run 10: Report of LEDBAT — Data Link

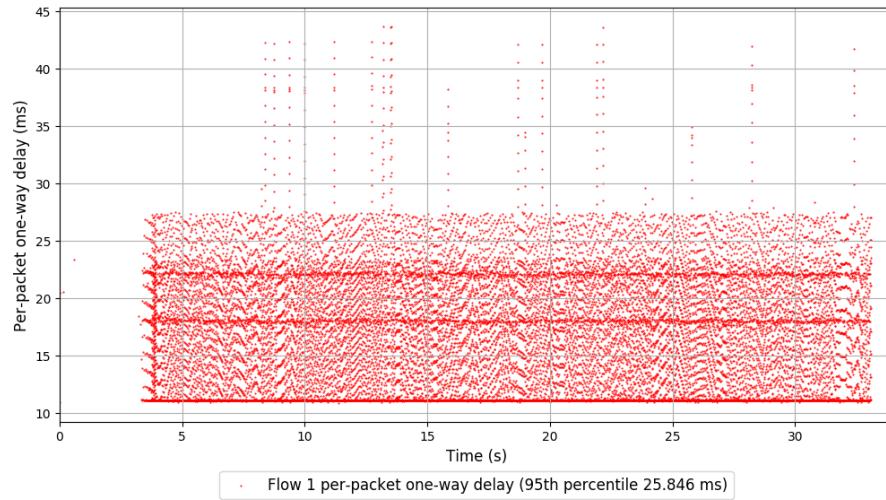
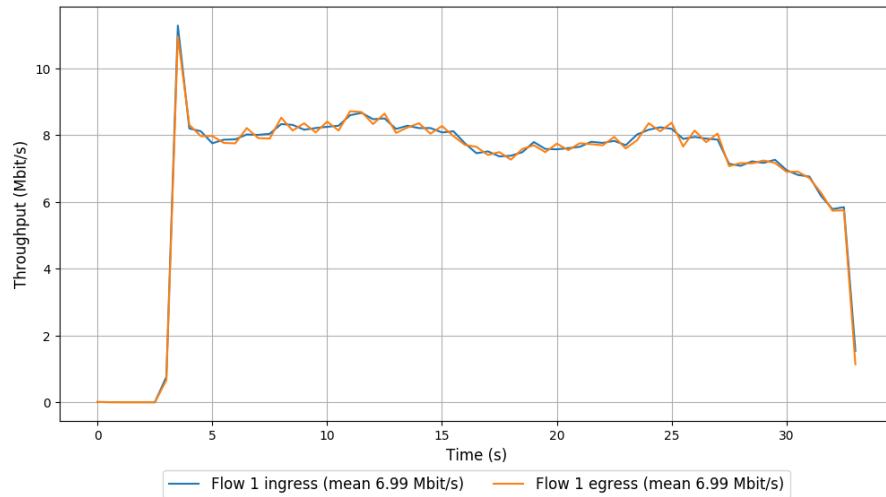


Run 1: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:37:55 +0000
End at: Fri, 23 Jun 2017 20:38:25 +0000
Local clock offset: 2.633 ms
Remote clock offset: -16.395 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 25.846 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 25.846 ms
Loss rate: 0.16%
```

Run 1: Report of PCC — Data Link

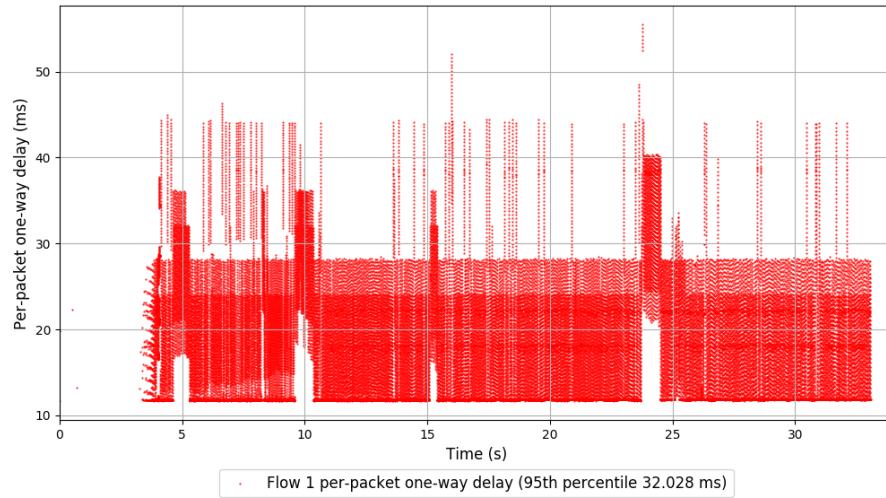
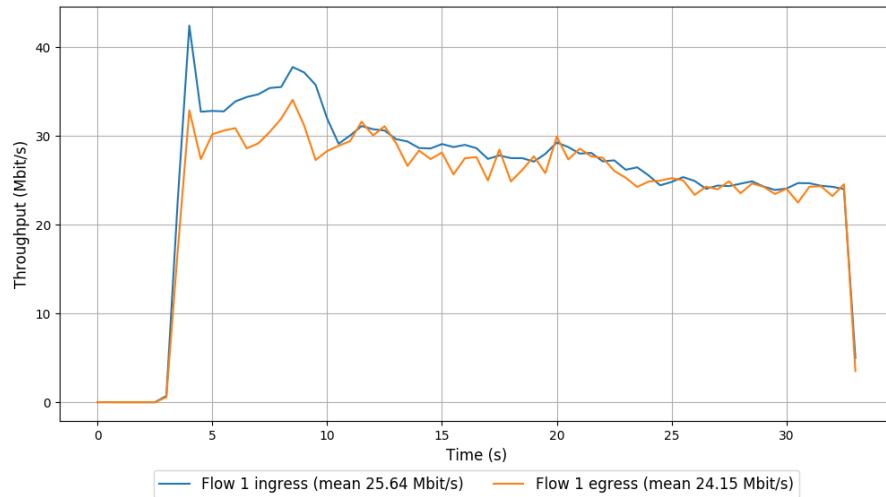


Run 2: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:56:17 +0000
End at: Fri, 23 Jun 2017 20:56:47 +0000
Local clock offset: -0.136 ms
Remote clock offset: -16.231 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 5.98%
-- Flow 1:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 5.98%
```

Run 2: Report of PCC — Data Link

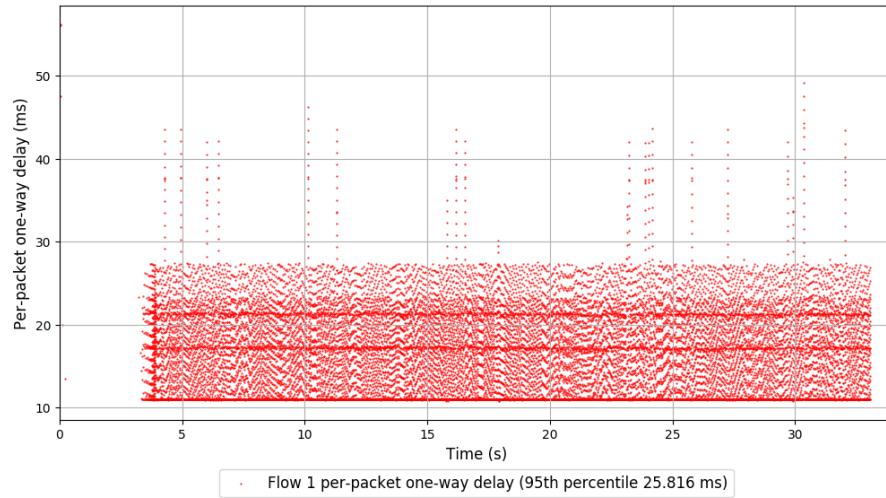
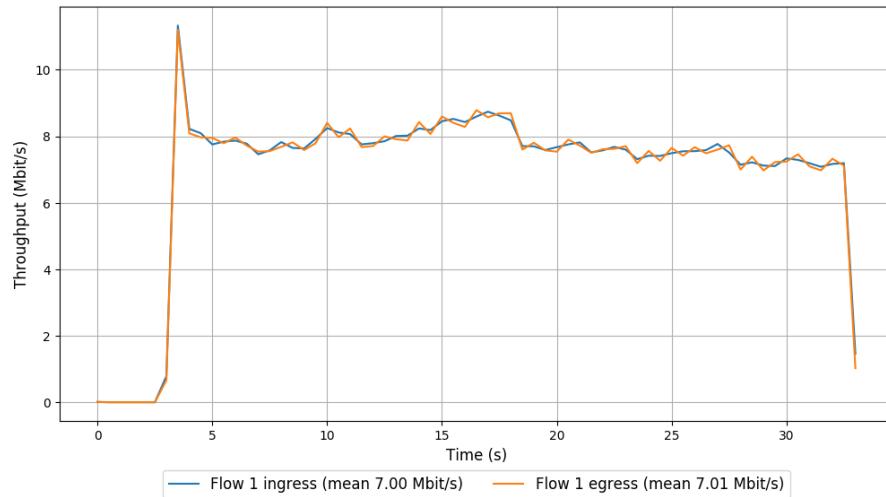


Run 3: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:14:39 +0000
End at: Fri, 23 Jun 2017 21:15:09 +0000
Local clock offset: 7.092 ms
Remote clock offset: -15.747 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 25.816 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 25.816 ms
Loss rate: 0.17%
```

Run 3: Report of PCC — Data Link

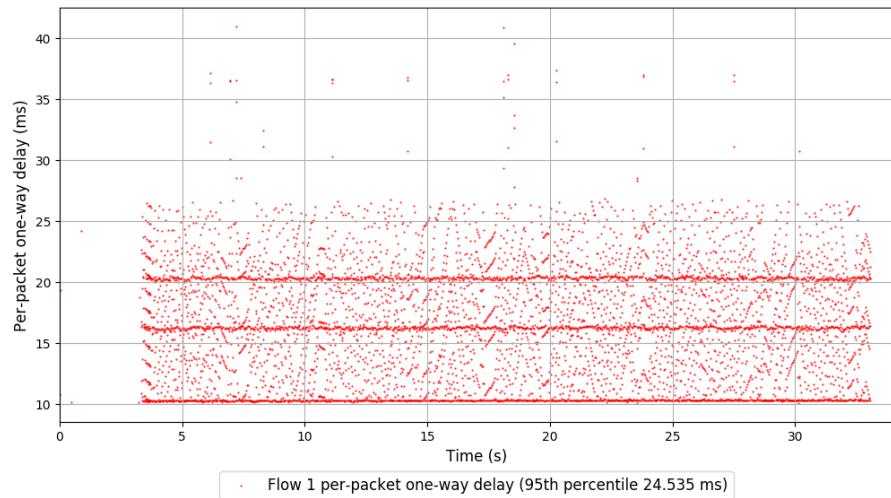
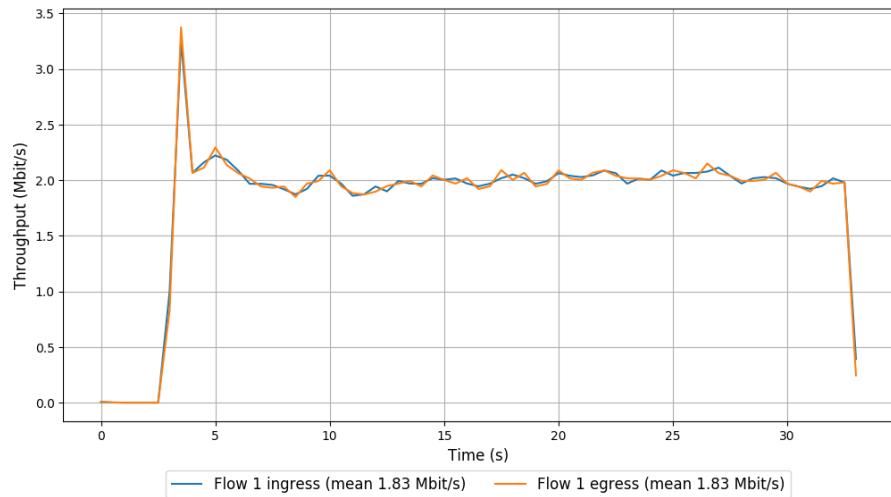


Run 4: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:33:05 +0000
End at: Fri, 23 Jun 2017 21:33:35 +0000
Local clock offset: 2.862 ms
Remote clock offset: -15.565 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 24.535 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 24.535 ms
Loss rate: 0.18%
```

Run 4: Report of PCC — Data Link

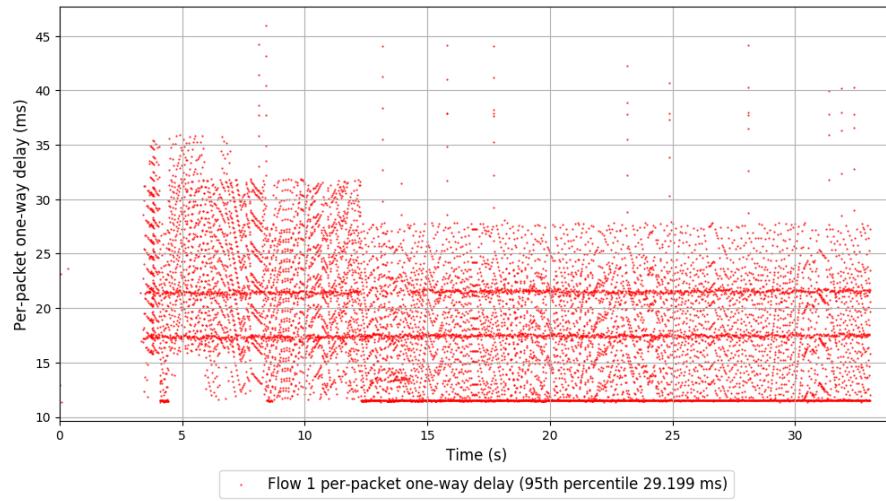
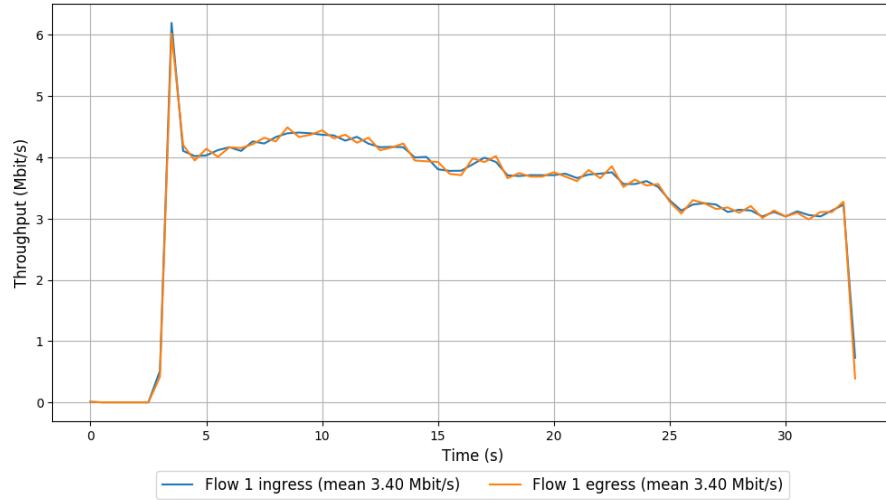


Run 5: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:51:12 +0000
End at: Fri, 23 Jun 2017 21:51:42 +0000
Local clock offset: 2.63 ms
Remote clock offset: -16.458 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 29.199 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 29.199 ms
Loss rate: 0.18%
```

Run 5: Report of PCC — Data Link

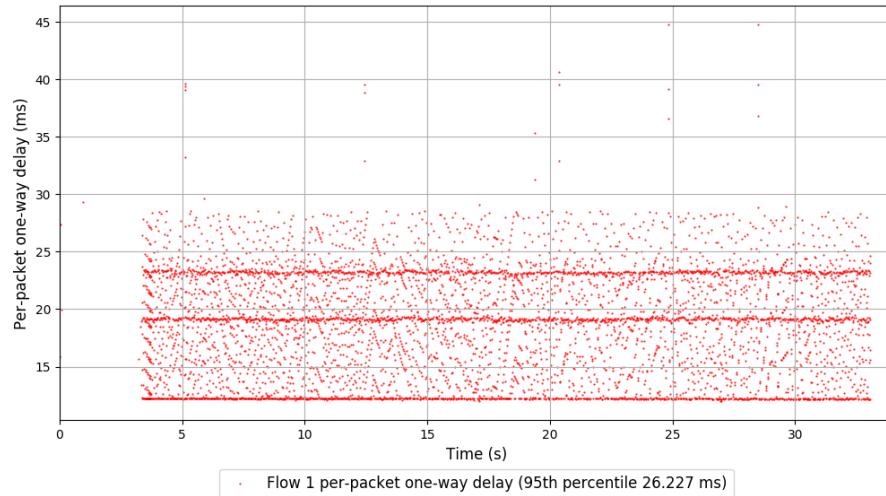
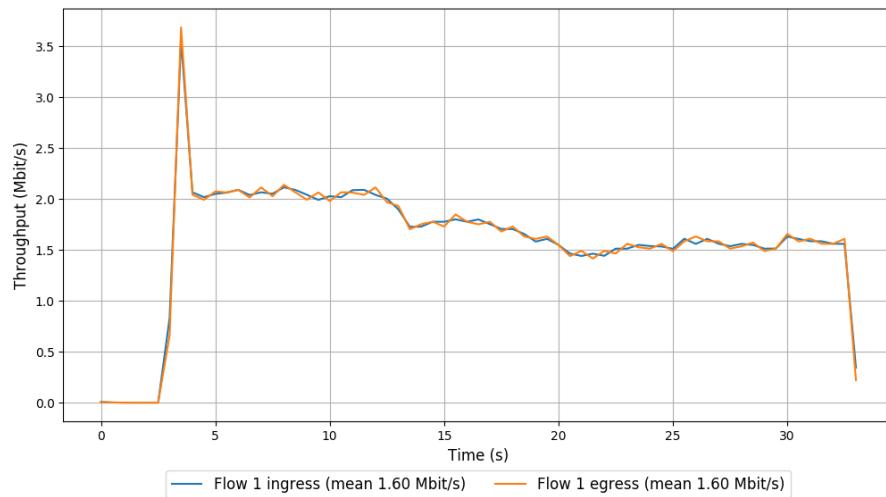


Run 6: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:09:26 +0000
End at: Fri, 23 Jun 2017 22:09:56 +0000
Local clock offset: 3.15 ms
Remote clock offset: -14.84 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:41:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 26.227 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 26.227 ms
Loss rate: 0.14%
```

Run 6: Report of PCC — Data Link

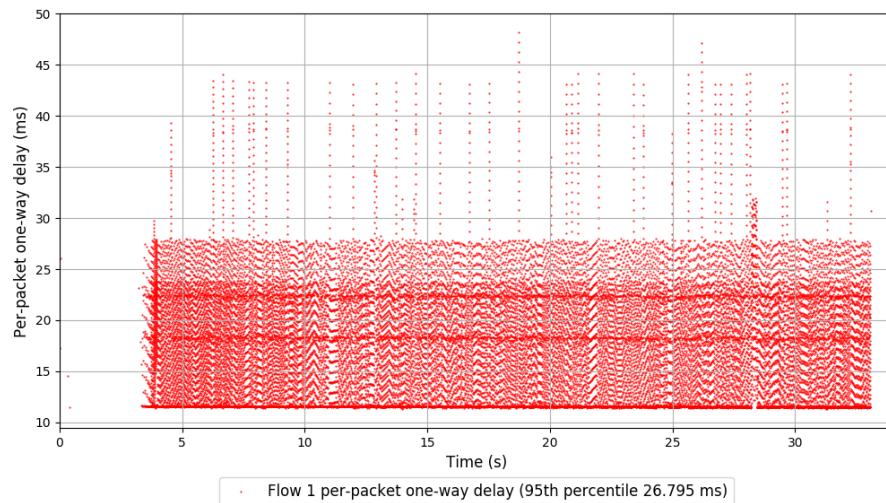
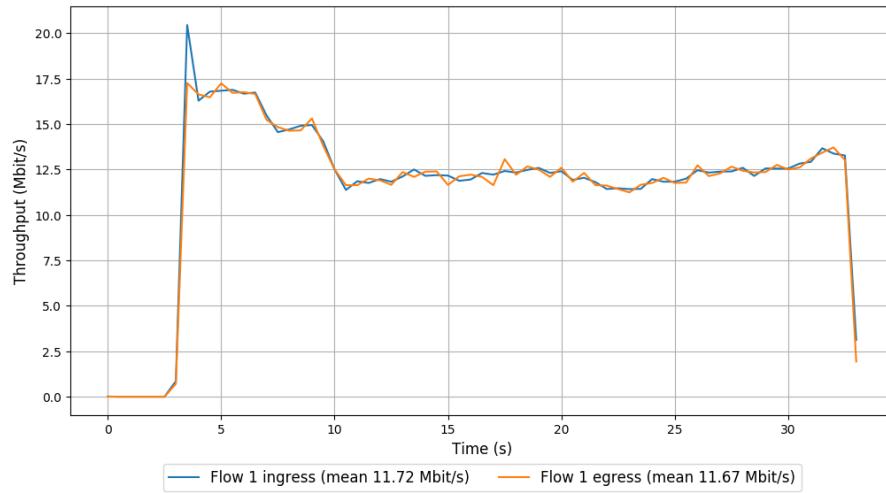


Run 7: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:27:39 +0000
End at: Fri, 23 Jun 2017 22:28:09 +0000
Local clock offset: 6.993 ms
Remote clock offset: -14.852 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 26.795 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 26.795 ms
Loss rate: 0.56%
```

Run 7: Report of PCC — Data Link

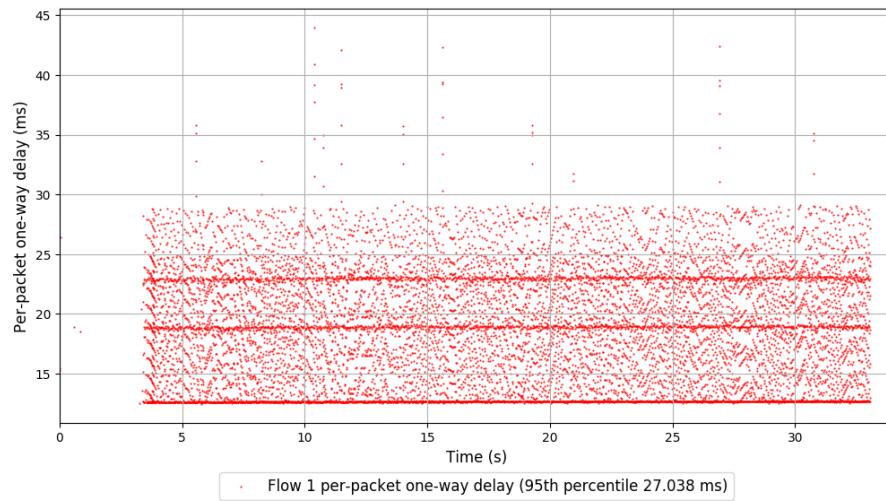
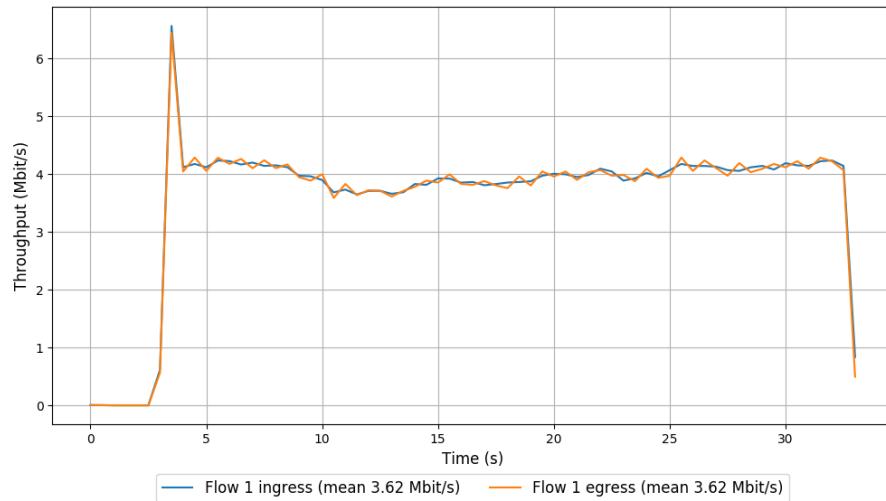


Run 8: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:46:08 +0000
End at: Fri, 23 Jun 2017 22:46:38 +0000
Local clock offset: 6.494 ms
Remote clock offset: -13.777 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 27.038 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 27.038 ms
Loss rate: 0.22%
```

Run 8: Report of PCC — Data Link

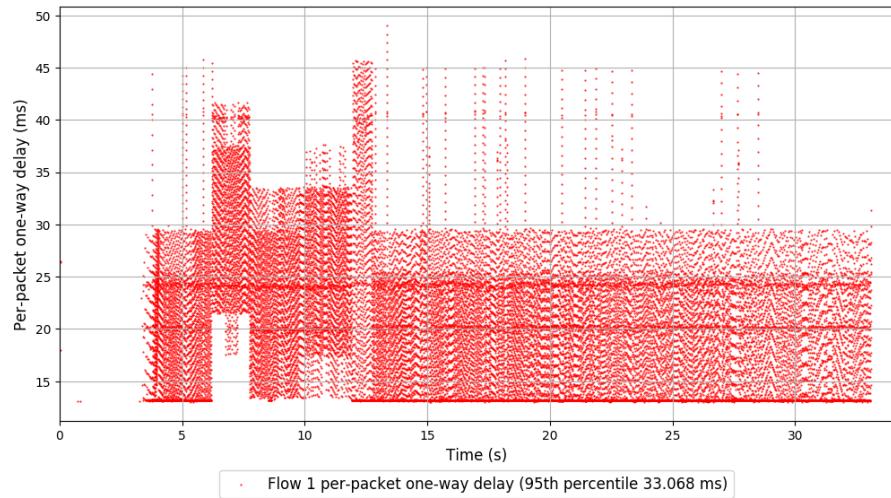
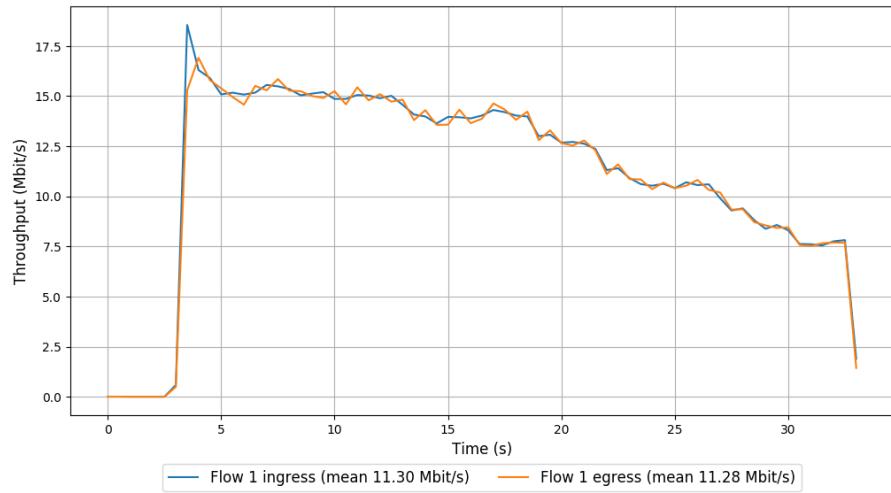


Run 9: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 23:04:18 +0000
End at: Fri, 23 Jun 2017 23:04:48 +0000
Local clock offset: 4.842 ms
Remote clock offset: -16.02 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 33.068 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 33.068 ms
Loss rate: 0.43%
```

Run 9: Report of PCC — Data Link

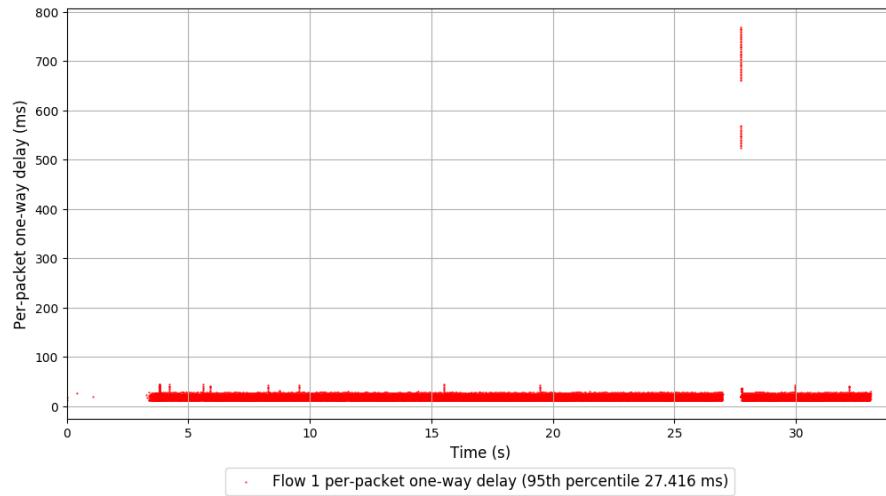
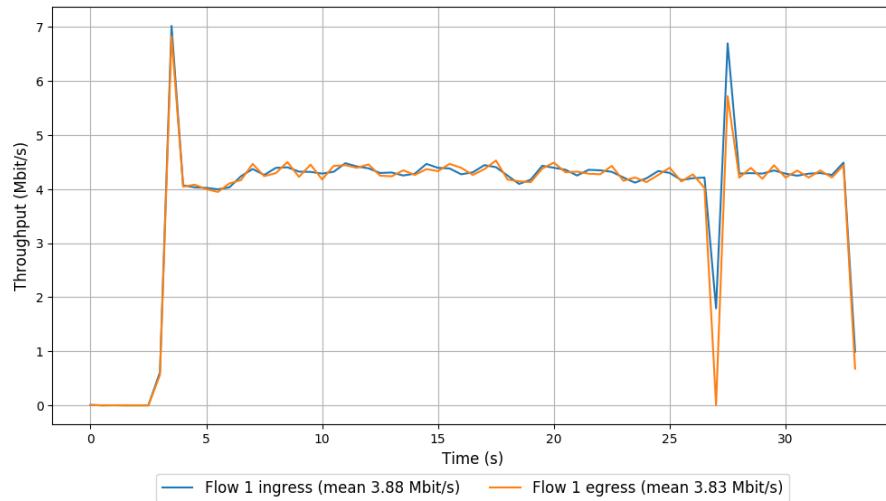


Run 10: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 23:22:41 +0000
End at: Fri, 23 Jun 2017 23:23:11 +0000
Local clock offset: -0.818 ms
Remote clock offset: -23.345 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 27.416 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 27.416 ms
Loss rate: 1.37%
```

Run 10: Report of PCC — Data Link

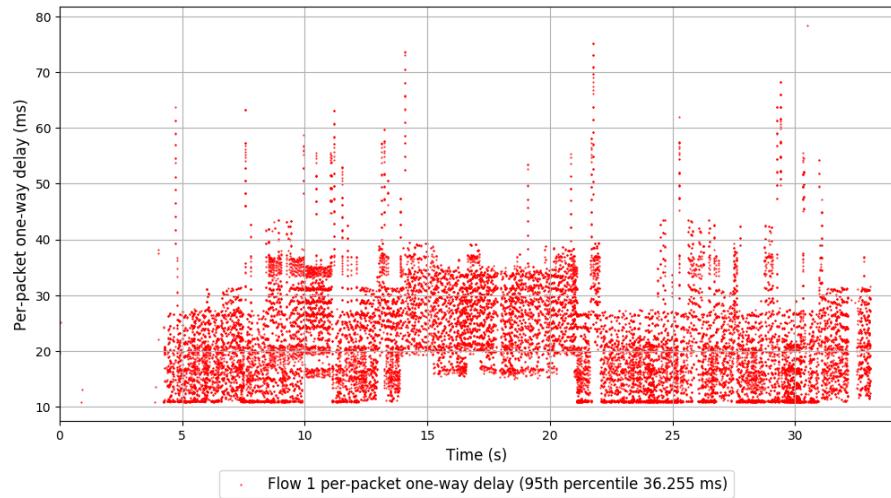
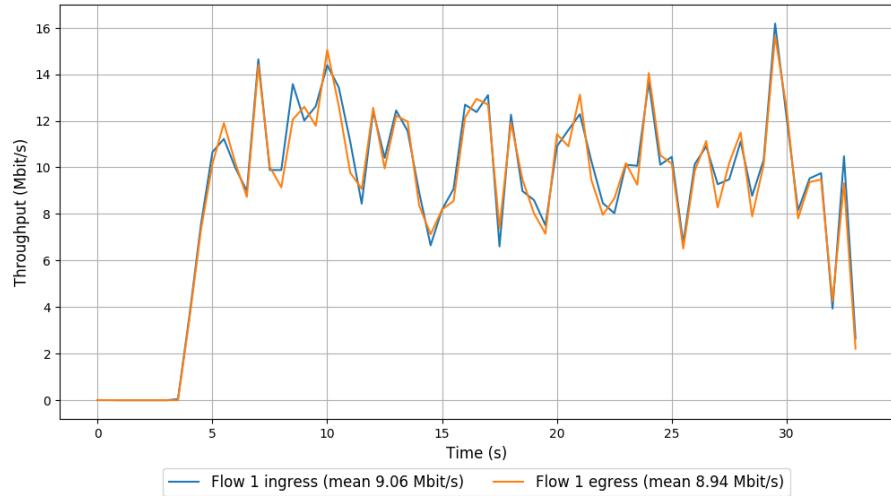


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 20:45:04 +0000
End at: Fri, 23 Jun 2017 20:45:34 +0000
Local clock offset: 1.39 ms
Remote clock offset: -17.365 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 36.255 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 36.255 ms
Loss rate: 1.43%
```

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

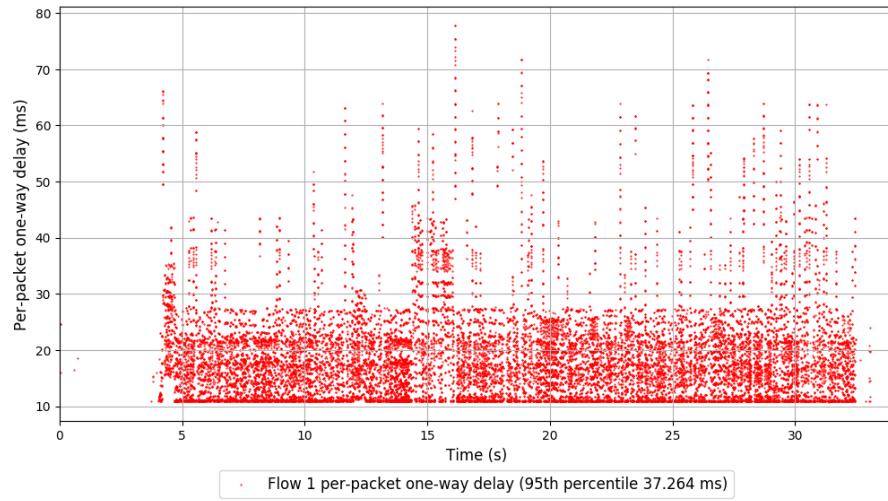
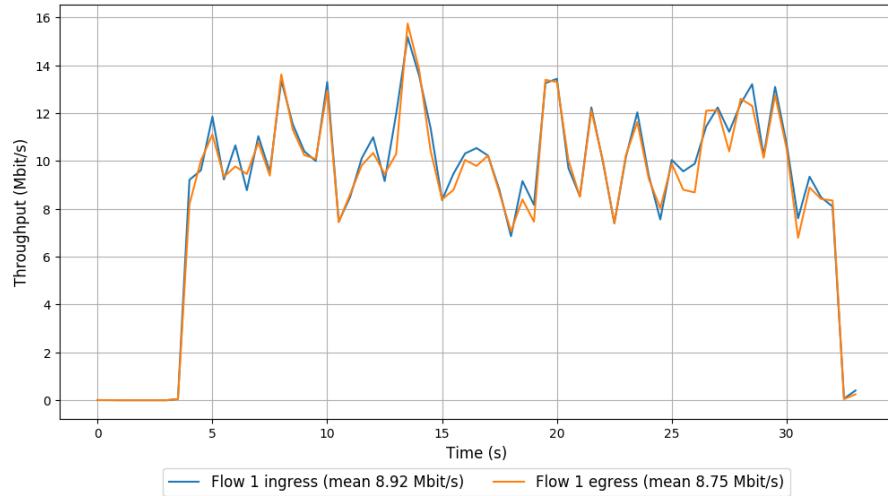


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:03:25 +0000
End at: Fri, 23 Jun 2017 21:03:55 +0000
Local clock offset: 0.797 ms
Remote clock offset: -17.412 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.75 Mbit/s
95th percentile per-packet one-way delay: 37.264 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 8.75 Mbit/s
95th percentile per-packet one-way delay: 37.264 ms
Loss rate: 2.11%
```

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

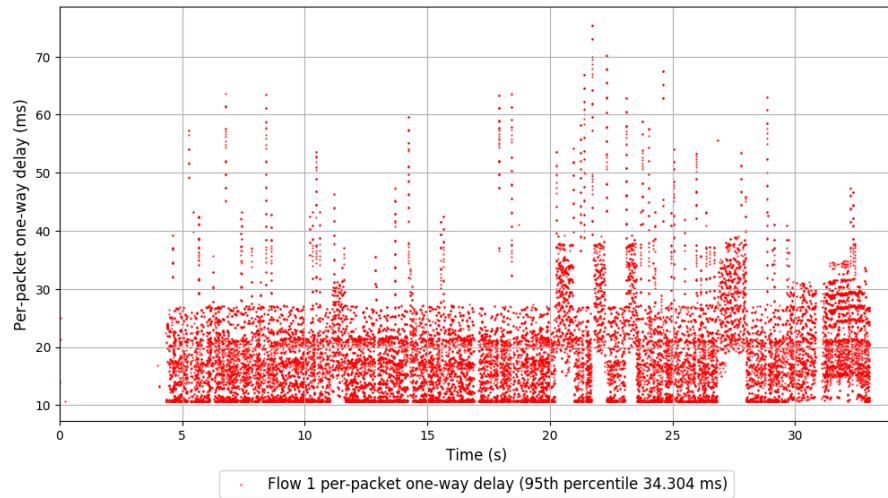
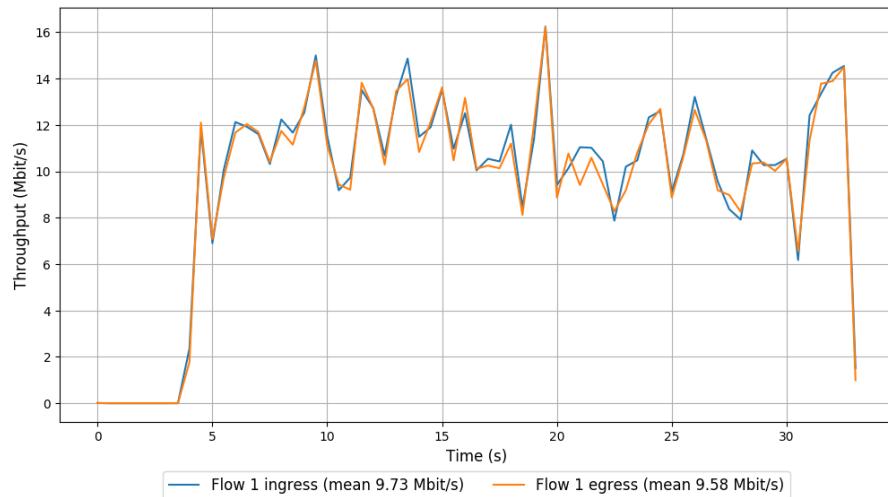


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:21:55 +0000
End at: Fri, 23 Jun 2017 21:22:25 +0000
Local clock offset: 6.515 ms
Remote clock offset: -16.949 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 34.304 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 34.304 ms
Loss rate: 1.57%
```

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

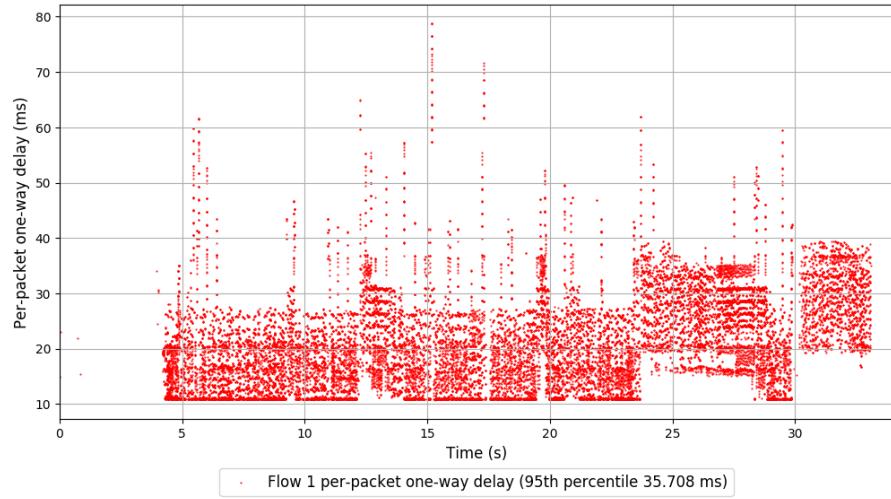
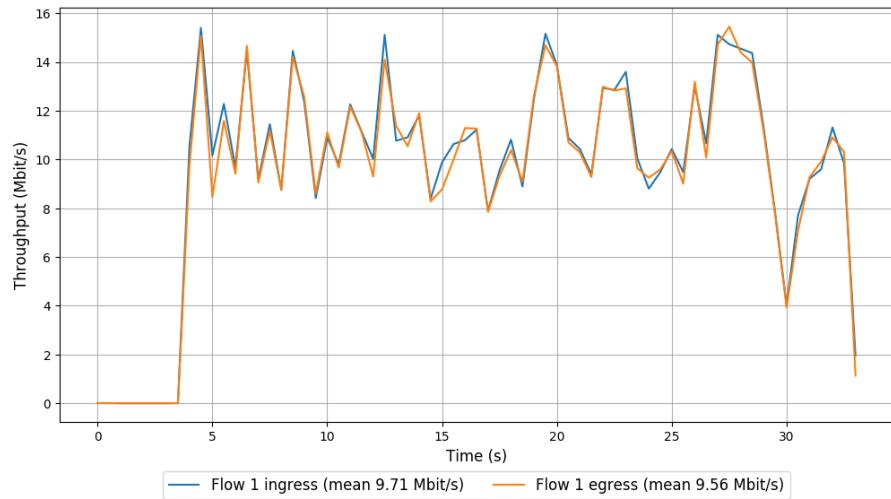


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:40:05 +0000
End at: Fri, 23 Jun 2017 21:40:35 +0000
Local clock offset: 3.116 ms
Remote clock offset: -16.071 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:42:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 35.708 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 35.708 ms
Loss rate: 1.70%
```

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

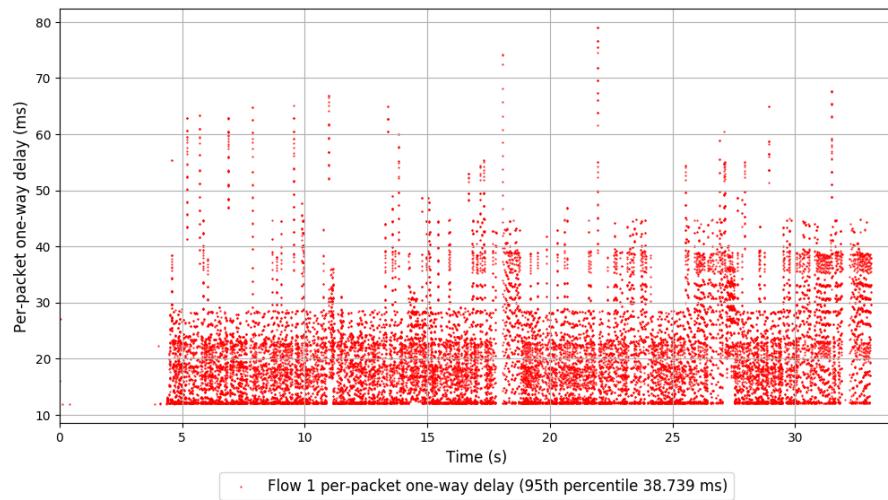
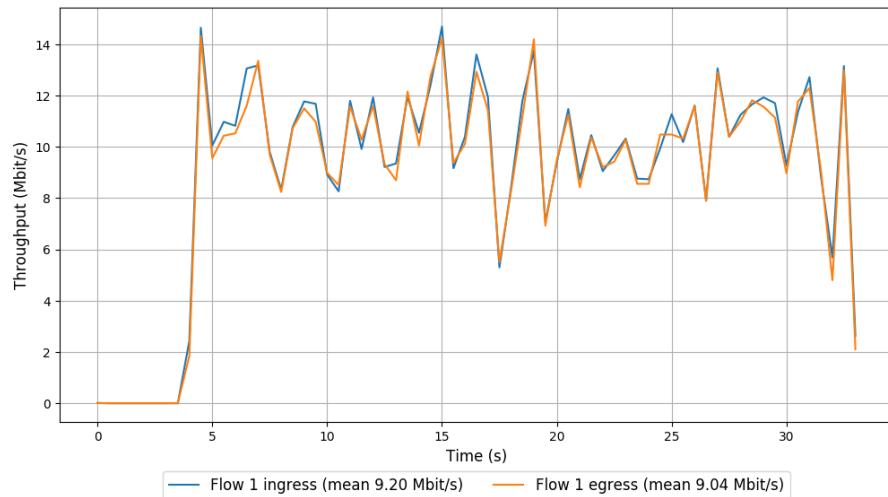


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:58:19 +0000
End at: Fri, 23 Jun 2017 21:58:49 +0000
Local clock offset: 1.051 ms
Remote clock offset: -16.039 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 38.739 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 38.739 ms
Loss rate: 1.83%
```

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

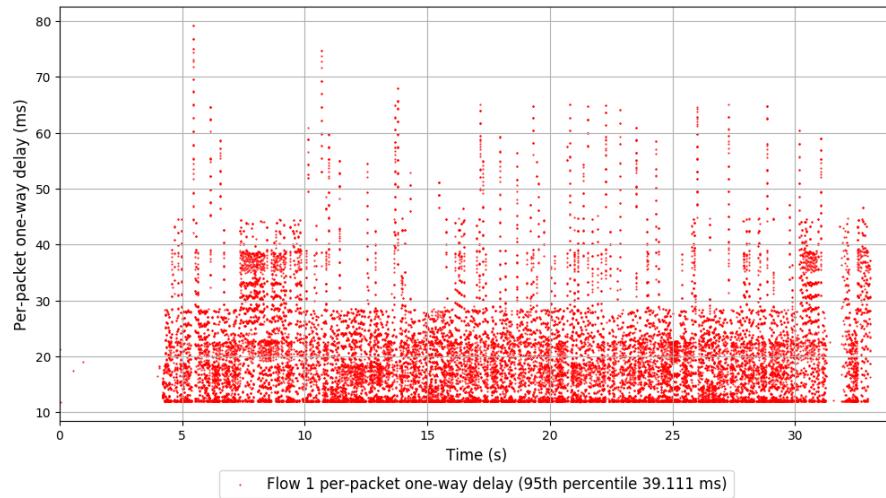
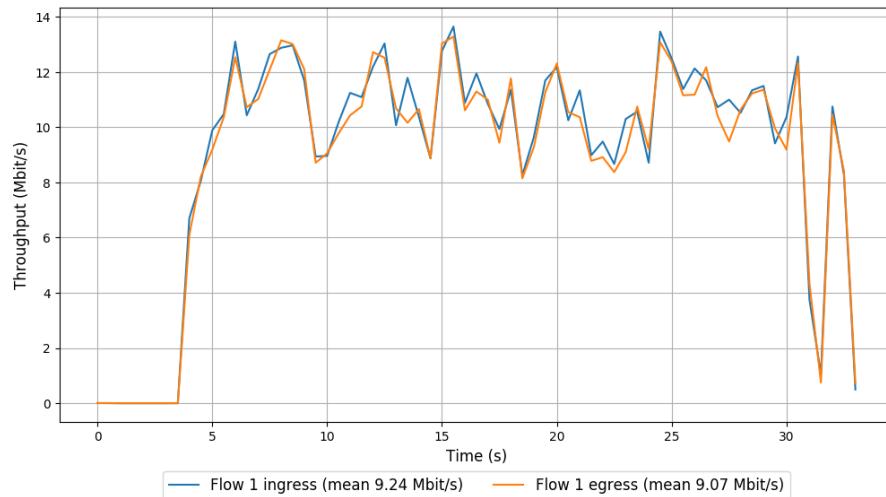


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 22:16:37 +0000
End at: Fri, 23 Jun 2017 22:17:07 +0000
Local clock offset: 3.076 ms
Remote clock offset: -16.139 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 39.111 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 39.111 ms
Loss rate: 1.93%
```

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 22:34:58 +0000

End at: Fri, 23 Jun 2017 22:35:28 +0000

Local clock offset: 2.915 ms

Remote clock offset: -14.241 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:43:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 36.997 ms

Loss rate: 1.58%

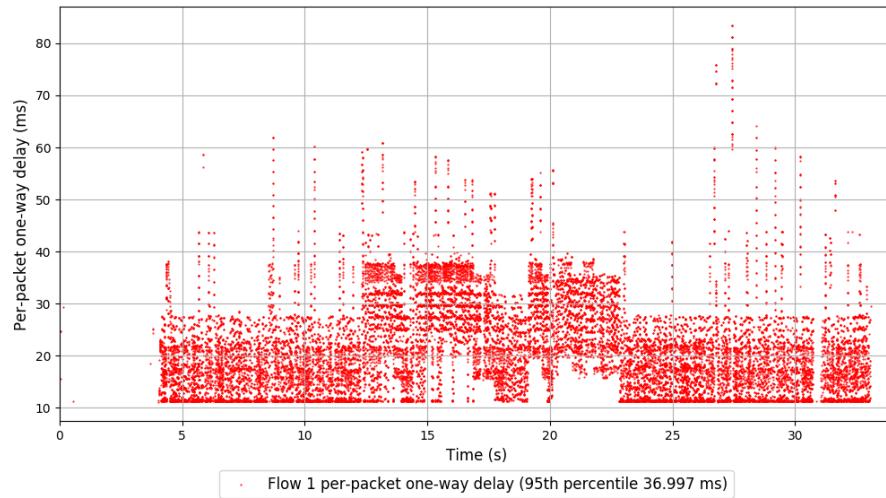
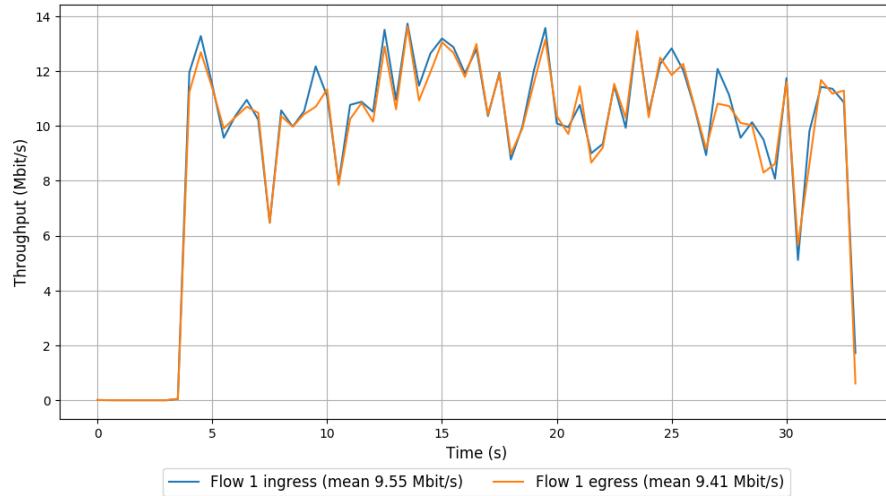
-- Flow 1:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 36.997 ms

Loss rate: 1.58%

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

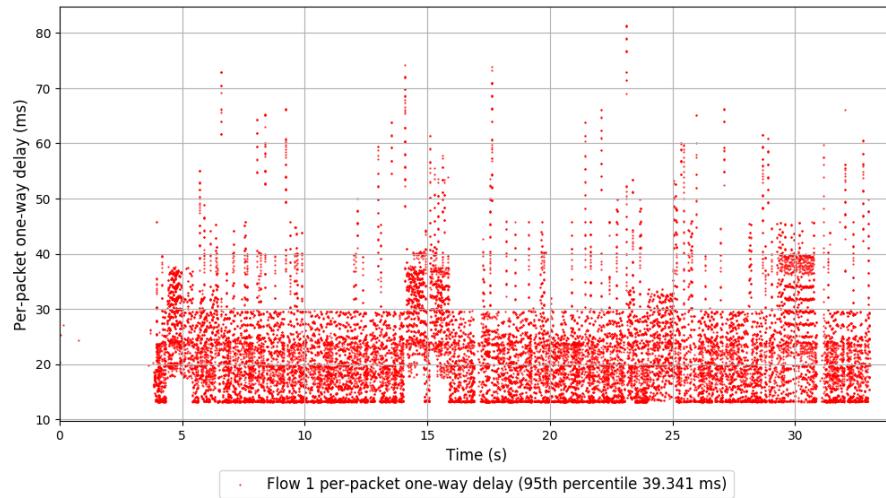
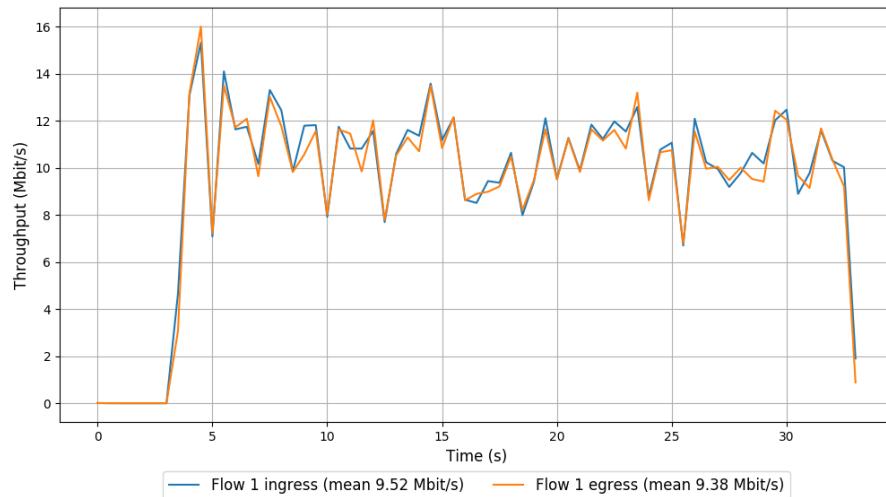


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 22:53:06 +0000
End at: Fri, 23 Jun 2017 22:53:36 +0000
Local clock offset: 0.056 ms
Remote clock offset: -15.711 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 39.341 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 39.341 ms
Loss rate: 1.70%
```

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

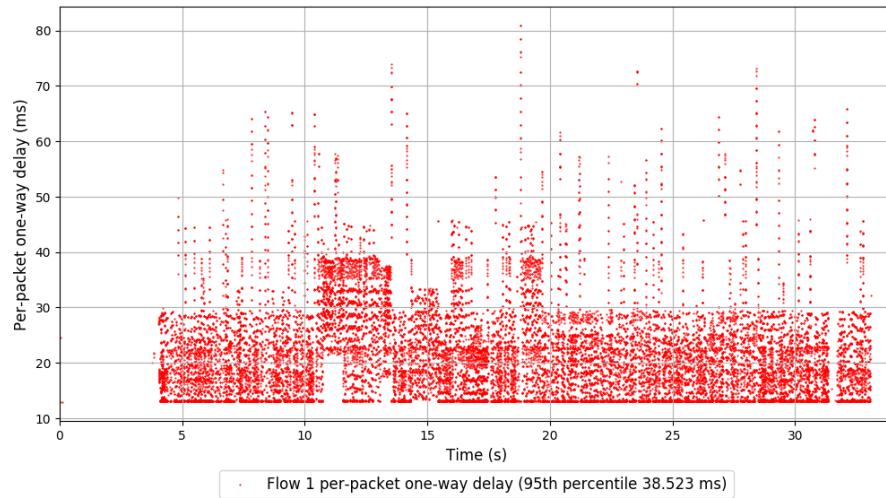
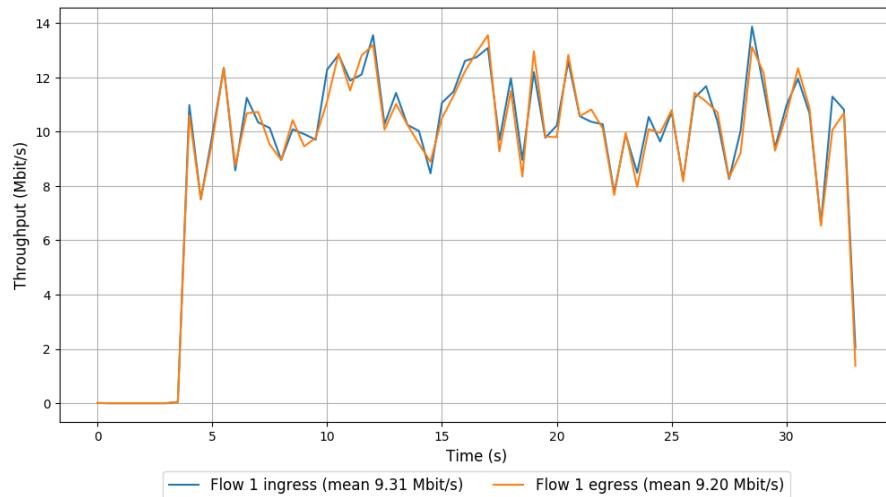


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 23:11:29 +0000
End at: Fri, 23 Jun 2017 23:11:59 +0000
Local clock offset: 3.895 ms
Remote clock offset: -15.928 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 38.523 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 38.523 ms
Loss rate: 1.26%
```

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



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

```
Start at: Fri, 23 Jun 2017 23:29:48 +0000
```

```
End at: Fri, 23 Jun 2017 23:30:18 +0000
```

```
Local clock offset: 6.157 ms
```

```
Remote clock offset: -16.983 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:43:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.544 ms
```

```
Loss rate: 2.06%
```

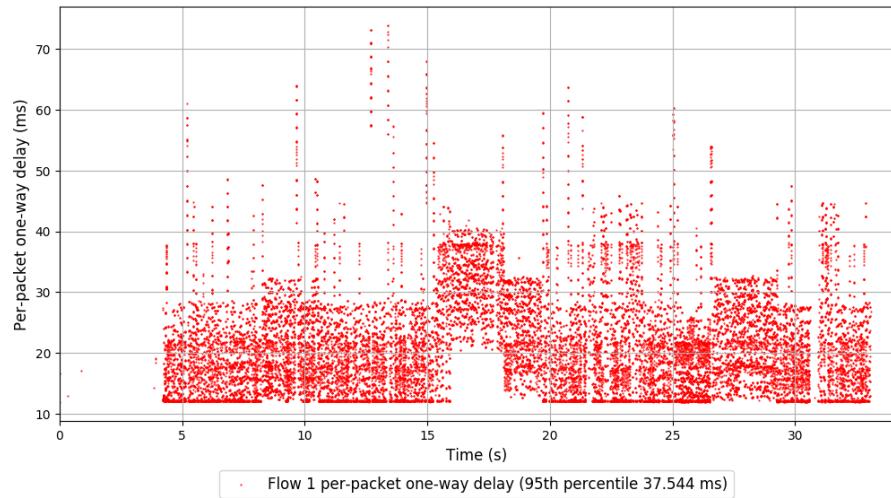
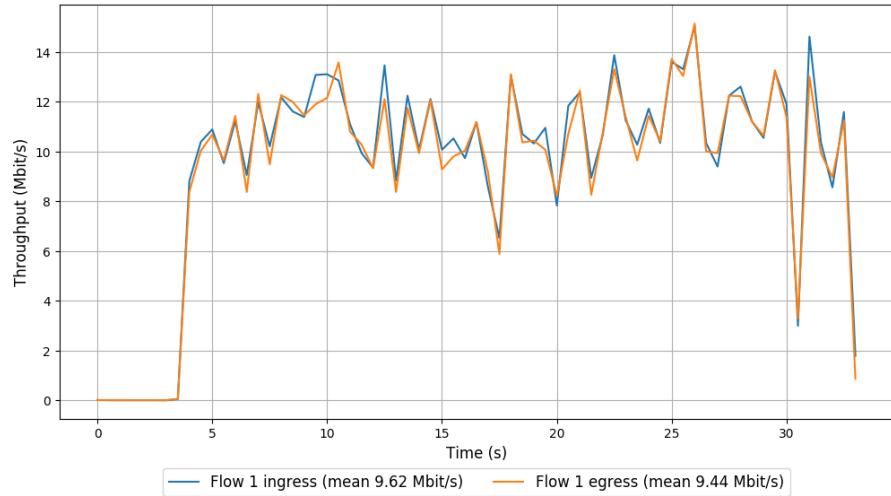
```
-- Flow 1:
```

```
Average throughput: 9.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.544 ms
```

```
Loss rate: 2.06%
```

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



Run 1: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:32:41 +0000

End at: Fri, 23 Jun 2017 20:33:11 +0000

Local clock offset: 3.309 ms

Remote clock offset: -15.198 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:44:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.52 Mbit/s

95th percentile per-packet one-way delay: 25.260 ms

Loss rate: 23.08%

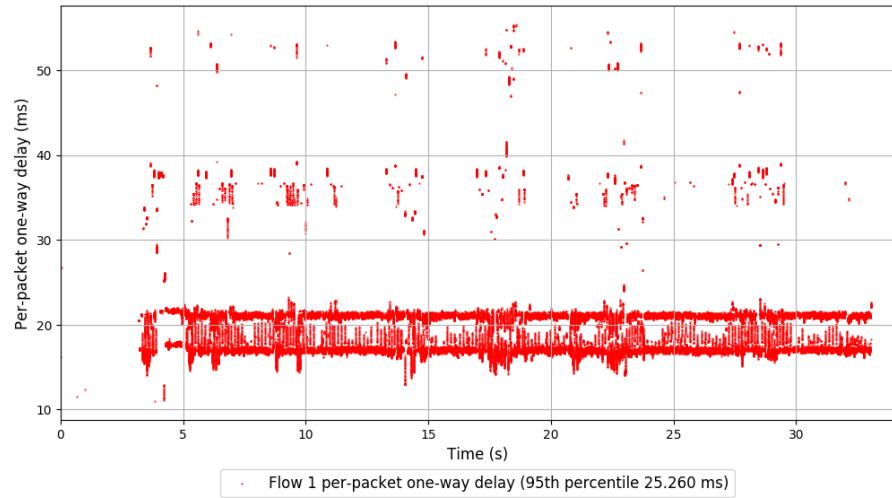
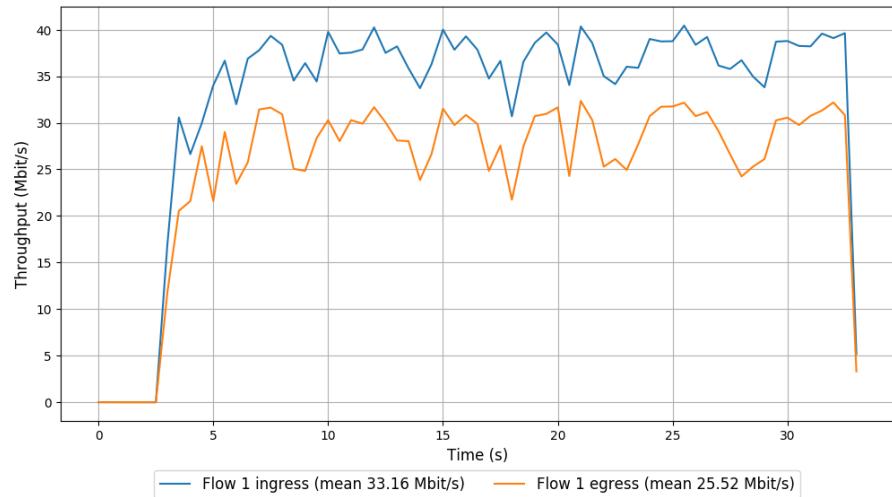
-- Flow 1:

Average throughput: 25.52 Mbit/s

95th percentile per-packet one-way delay: 25.260 ms

Loss rate: 23.08%

Run 1: Report of Saturator — Data Link

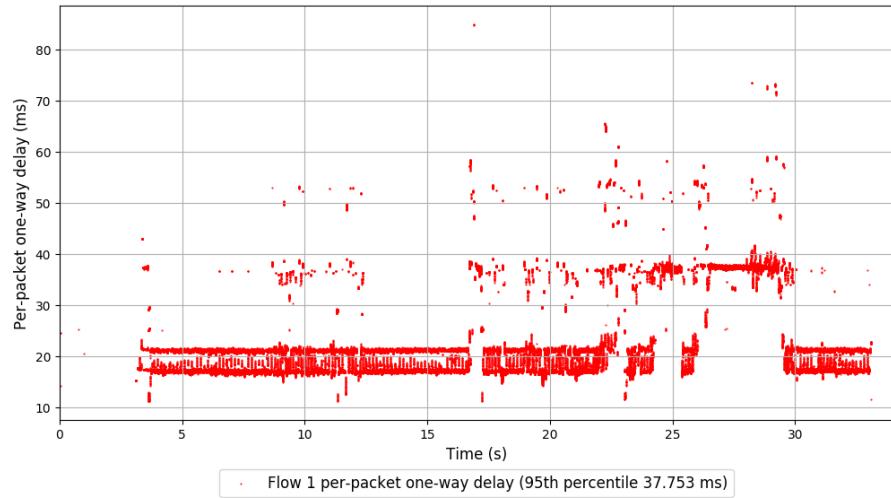
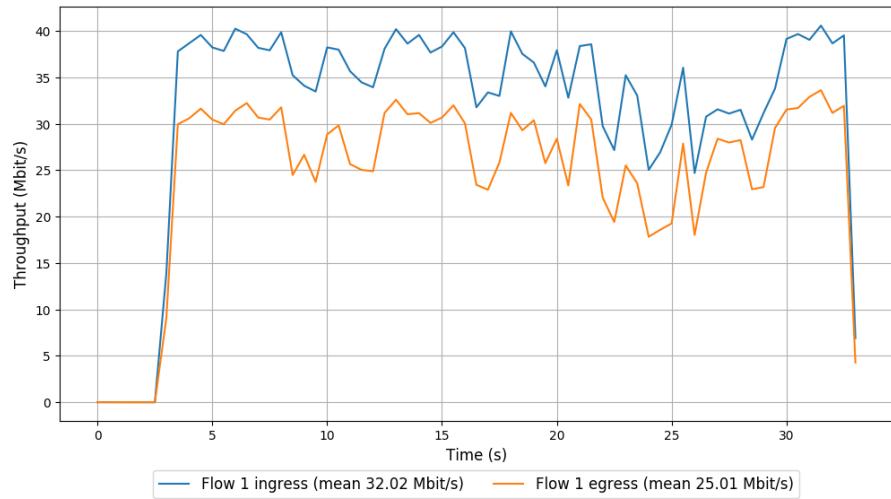


Run 2: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 20:51:05 +0000
End at: Fri, 23 Jun 2017 20:51:35 +0000
Local clock offset: -4.253 ms
Remote clock offset: -17.601 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 37.753 ms
Loss rate: 21.97%
-- Flow 1:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 37.753 ms
Loss rate: 21.97%
```

Run 2: Report of Saturator — Data Link

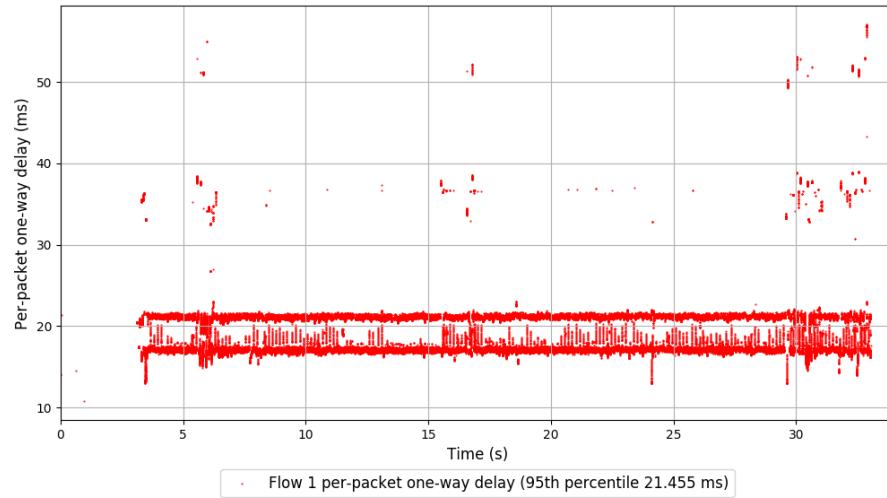
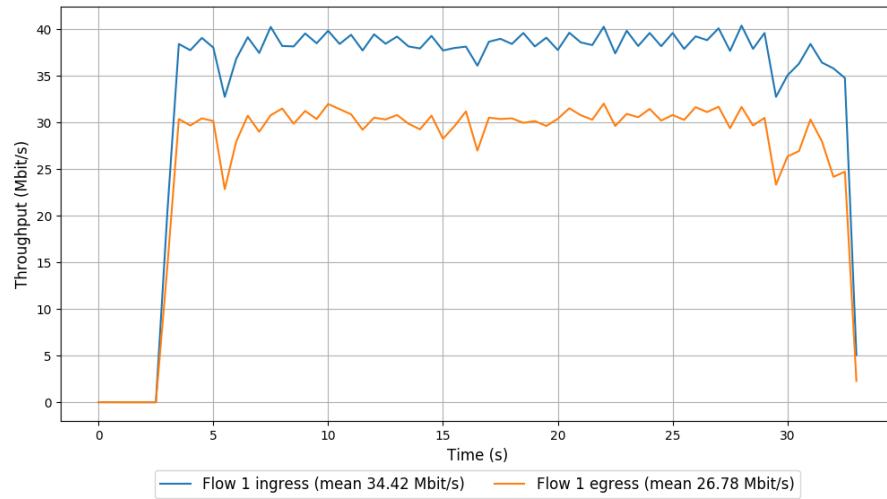


Run 3: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 21:09:30 +0000
End at: Fri, 23 Jun 2017 21:10:00 +0000
Local clock offset: 4.64 ms
Remote clock offset: -14.757 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 21.455 ms
Loss rate: 22.23%
-- Flow 1:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 21.455 ms
Loss rate: 22.23%
```

Run 3: Report of Saturator — Data Link

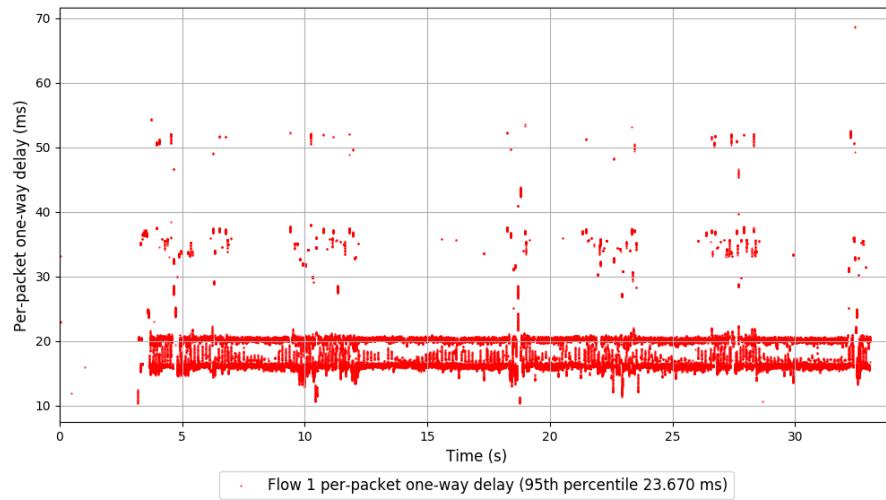
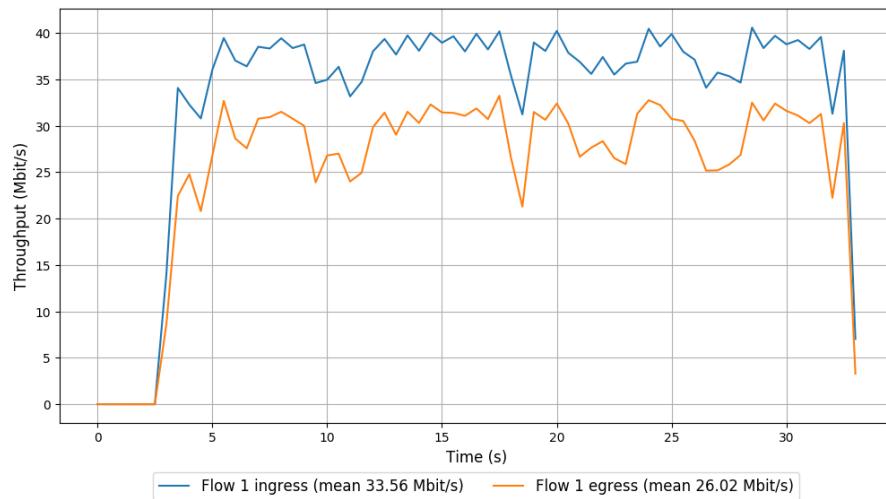


Run 4: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 21:27:56 +0000
End at: Fri, 23 Jun 2017 21:28:26 +0000
Local clock offset: 5.031 ms
Remote clock offset: -17.047 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 23.670 ms
Loss rate: 22.58%
-- Flow 1:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 23.670 ms
Loss rate: 22.58%
```

Run 4: Report of Saturator — Data Link

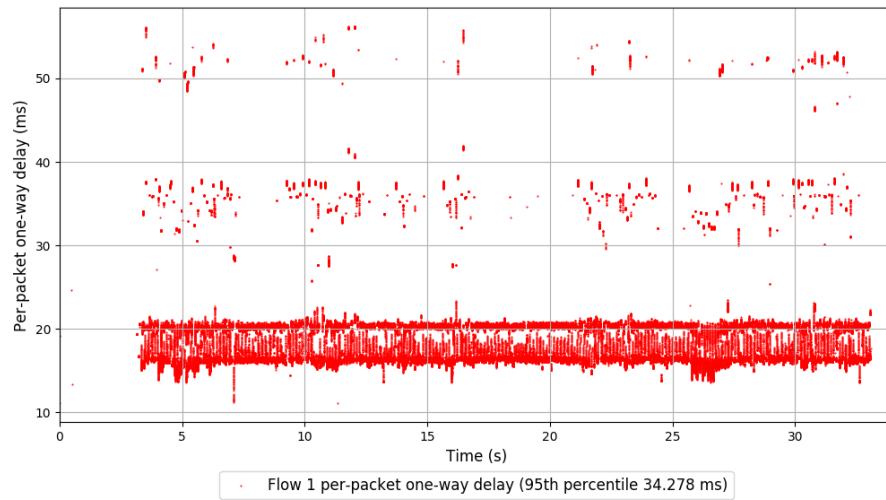
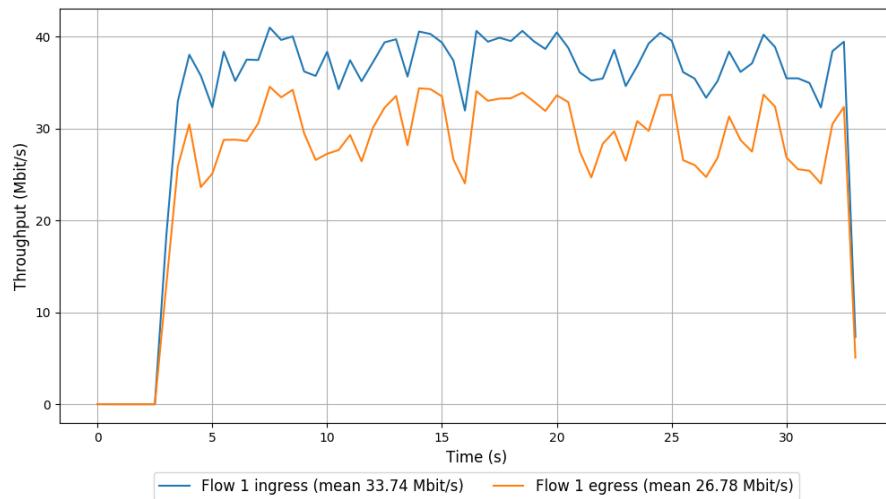


Run 5: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 21:46:06 +0000
End at: Fri, 23 Jun 2017 21:46:36 +0000
Local clock offset: 6.491 ms
Remote clock offset: -17.176 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 34.278 ms
Loss rate: 20.66%
-- Flow 1:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 34.278 ms
Loss rate: 20.66%
```

Run 5: Report of Saturator — Data Link

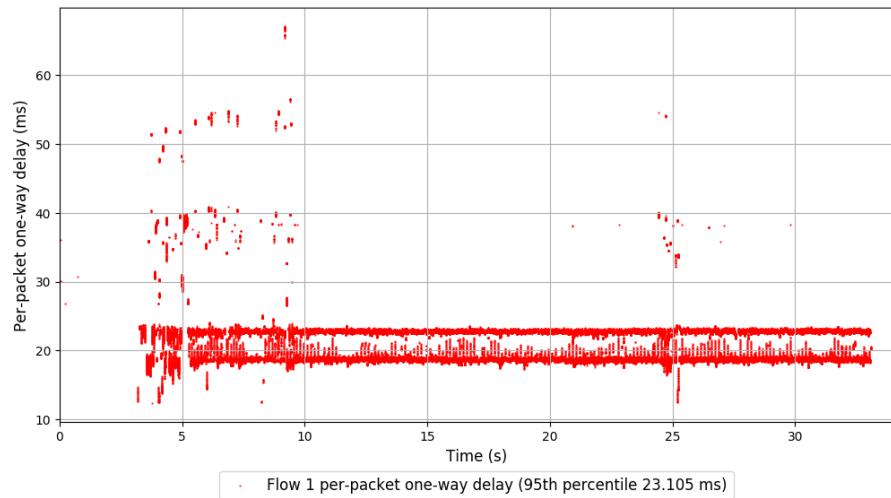
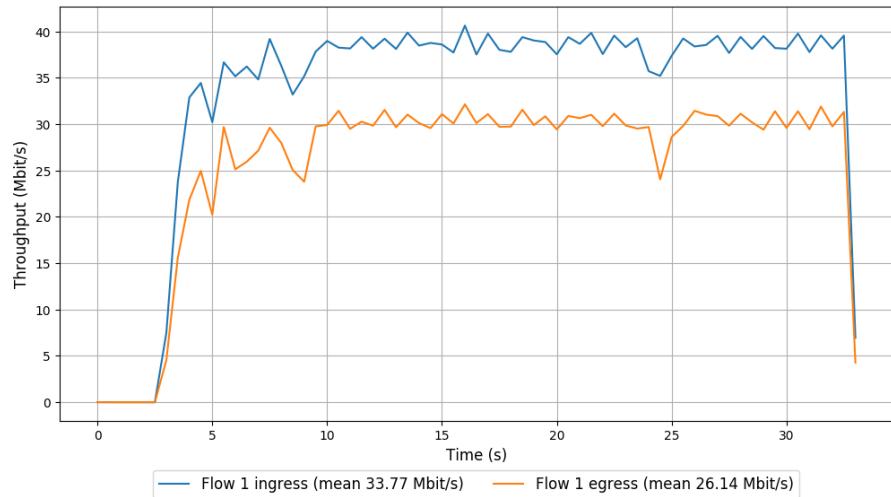


Run 6: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 22:04:18 +0000
End at: Fri, 23 Jun 2017 22:04:48 +0000
Local clock offset: 4.966 ms
Remote clock offset: -14.93 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:44:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.14 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 22.69%
-- Flow 1:
Average throughput: 26.14 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 22.69%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:22:33 +0000

End at: Fri, 23 Jun 2017 22:23:03 +0000

Local clock offset: 2.45 ms

Remote clock offset: -15.074 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:45:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.63 Mbit/s

95th percentile per-packet one-way delay: 22.447 ms

Loss rate: 21.94%

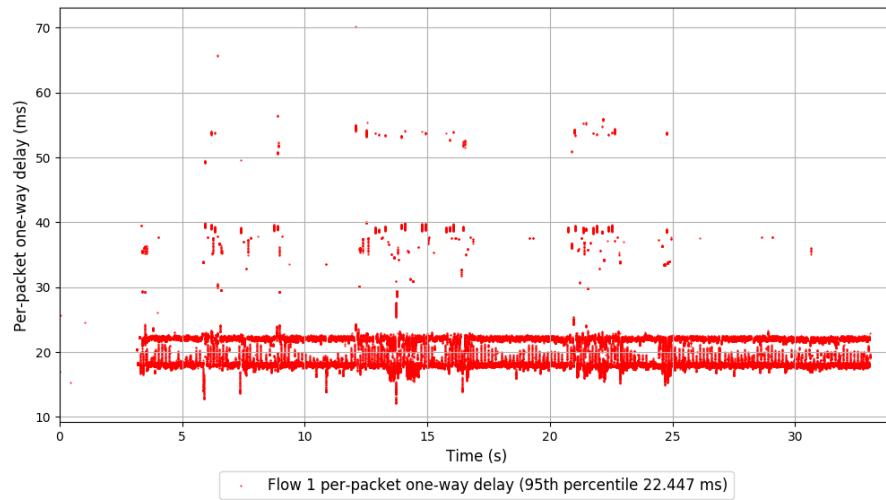
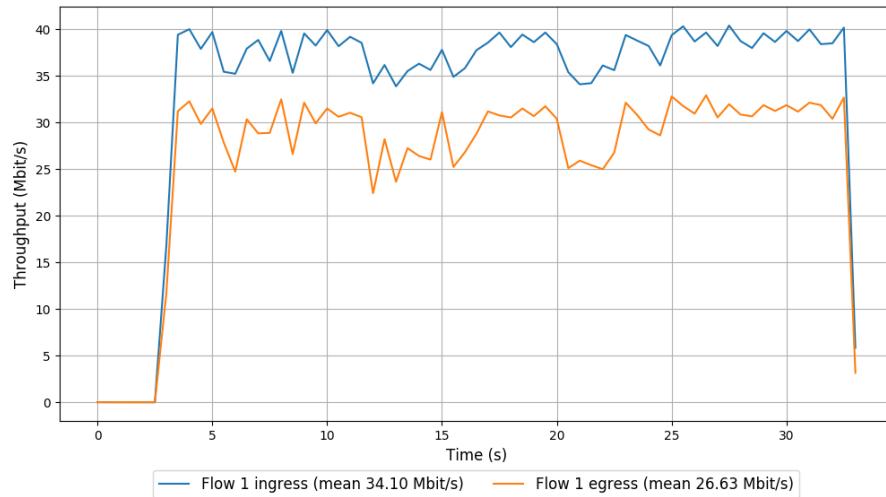
-- Flow 1:

Average throughput: 26.63 Mbit/s

95th percentile per-packet one-way delay: 22.447 ms

Loss rate: 21.94%

Run 7: Report of Saturator — Data Link

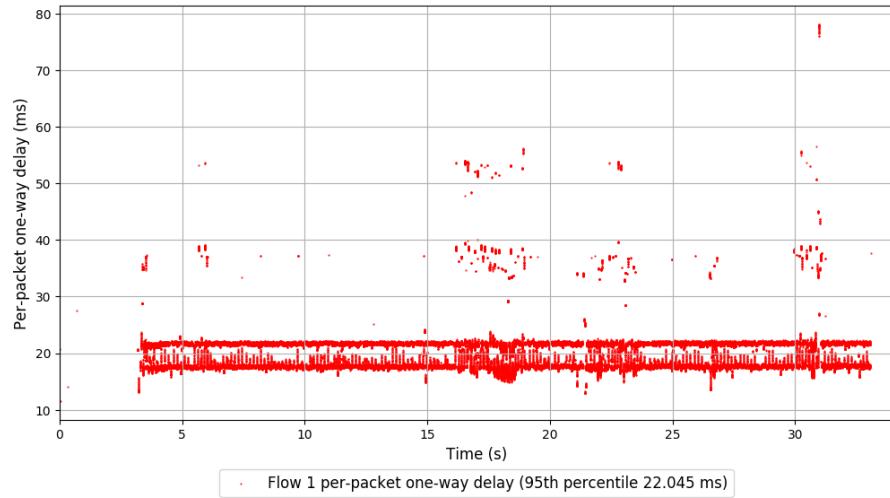
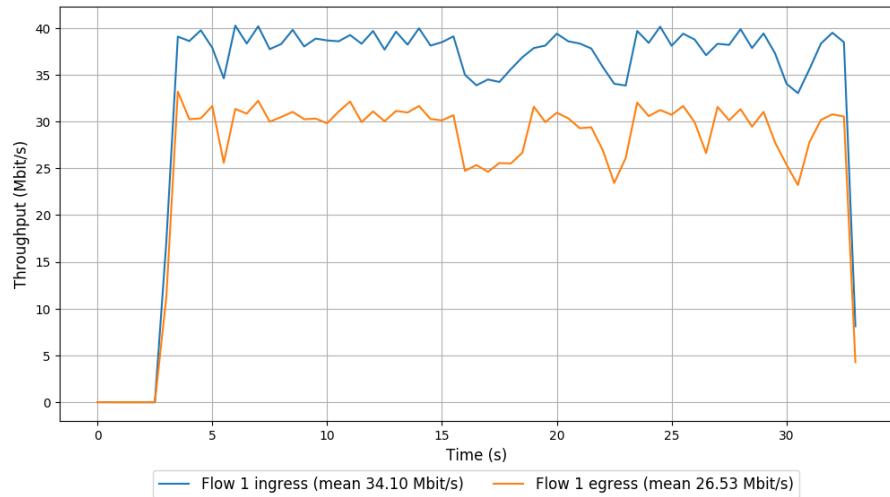


Run 8: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 22:41:00 +0000
End at: Fri, 23 Jun 2017 22:41:30 +0000
Local clock offset: 7.47 ms
Remote clock offset: -15.823 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 22.045 ms
Loss rate: 22.30%
-- Flow 1:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 22.045 ms
Loss rate: 22.30%
```

Run 8: Report of Saturator — Data Link

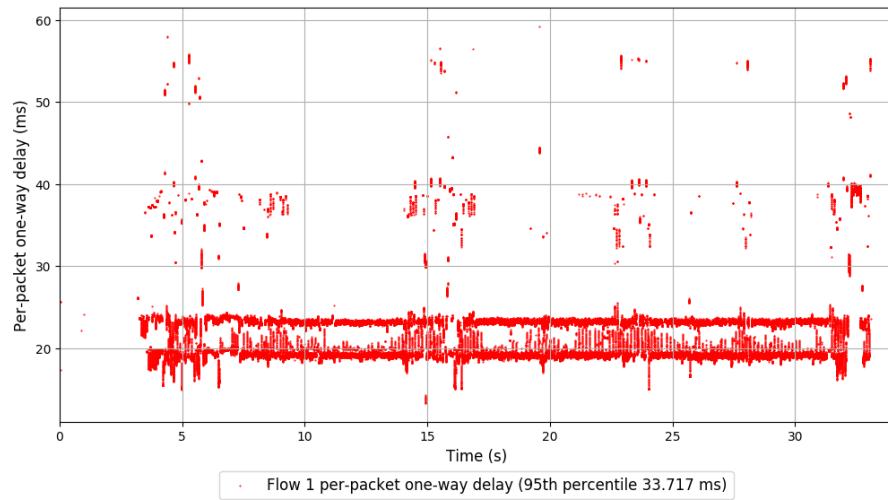
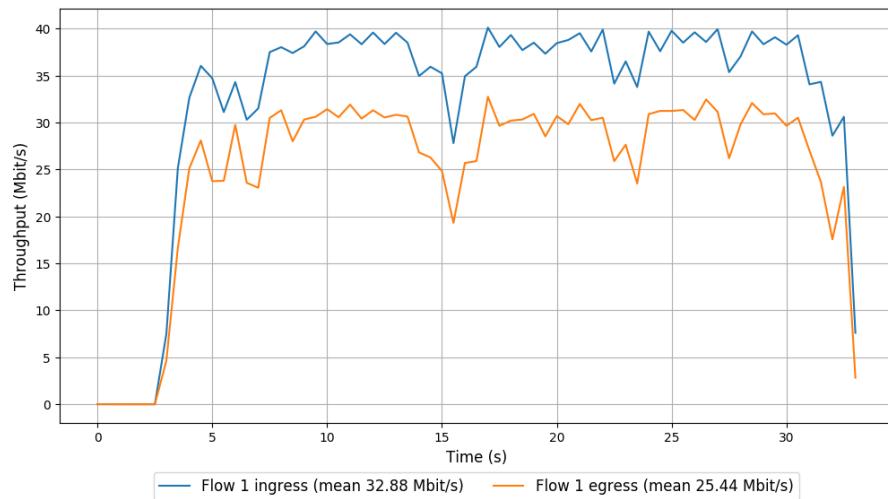


Run 9: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 22:59:06 +0000
End at: Fri, 23 Jun 2017 22:59:36 +0000
Local clock offset: -1.736 ms
Remote clock offset: -15.69 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 33.717 ms
Loss rate: 22.71%
-- Flow 1:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 33.717 ms
Loss rate: 22.71%
```

Run 9: Report of Saturator — Data Link

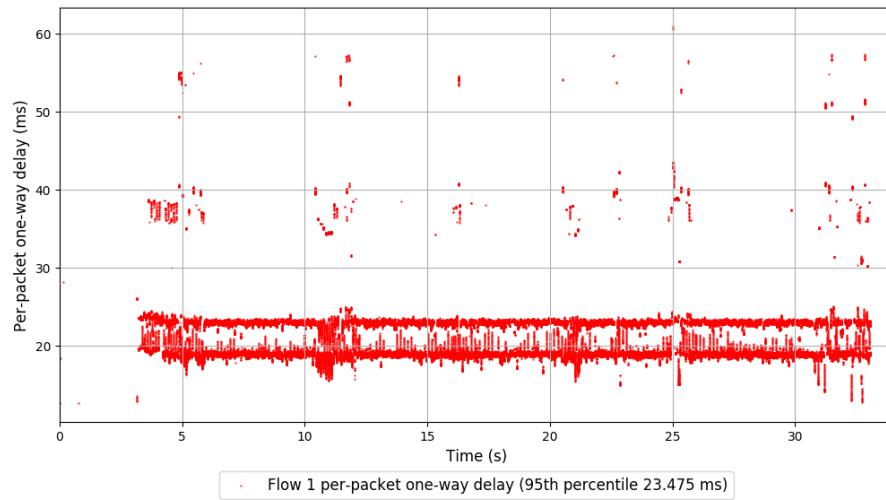
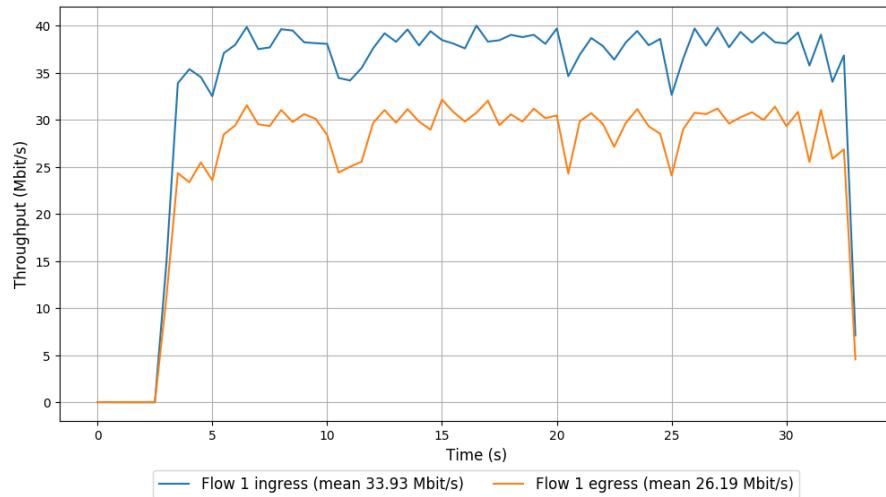


Run 10: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 23:17:31 +0000
End at: Fri, 23 Jun 2017 23:18:01 +0000
Local clock offset: 2.652 ms
Remote clock offset: -14.511 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 23.475 ms
Loss rate: 22.91%
-- Flow 1:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 23.475 ms
Loss rate: 22.91%
```

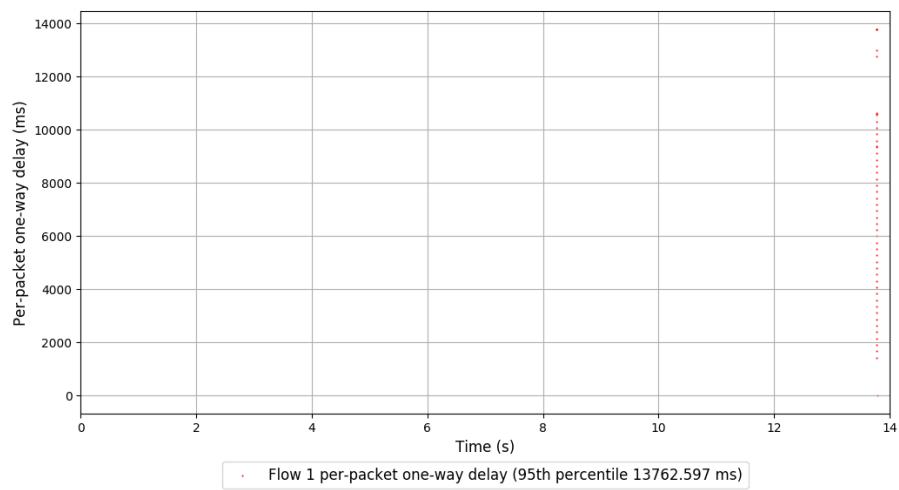
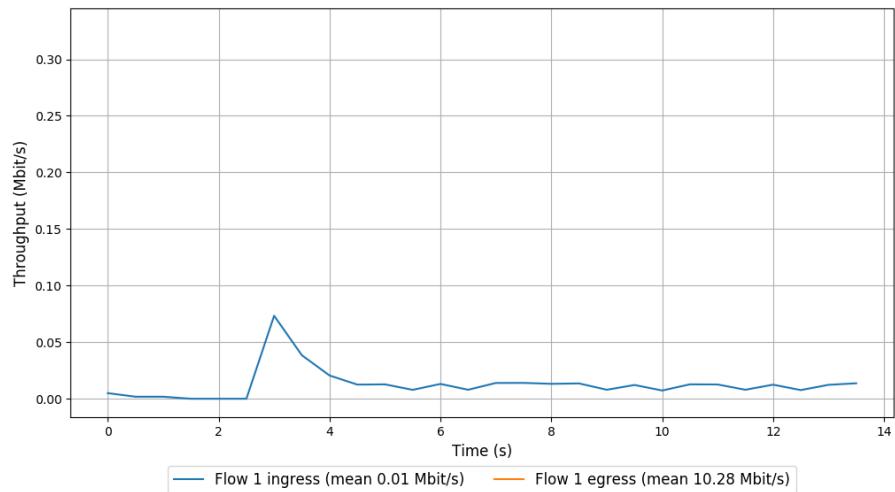
Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 20:30:27 +0000
End at: Fri, 23 Jun 2017 20:30:57 +0000
Local clock offset: 5.441 ms
Remote clock offset: -15.797 ms

Run 1: Report of SCReAM — Data Link

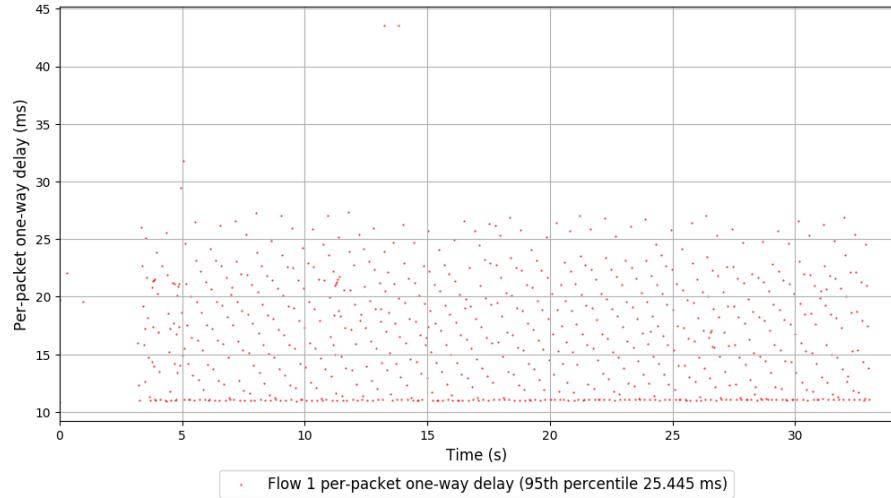
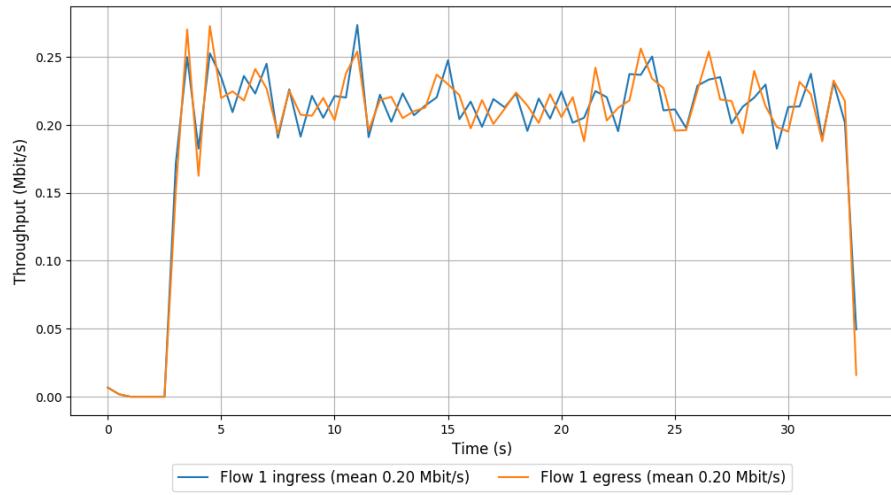


Run 2: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:48:50 +0000
End at: Fri, 23 Jun 2017 20:49:21 +0000
Local clock offset: 4.199 ms
Remote clock offset: -17.432 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.445 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.445 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

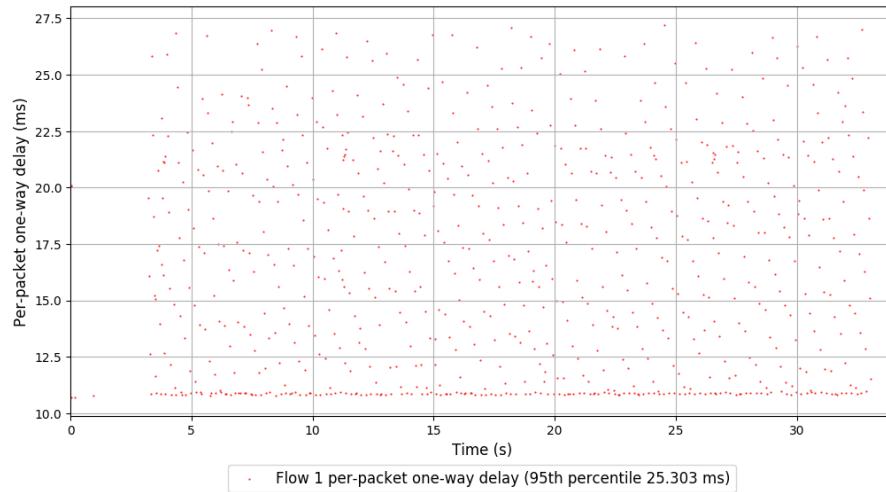
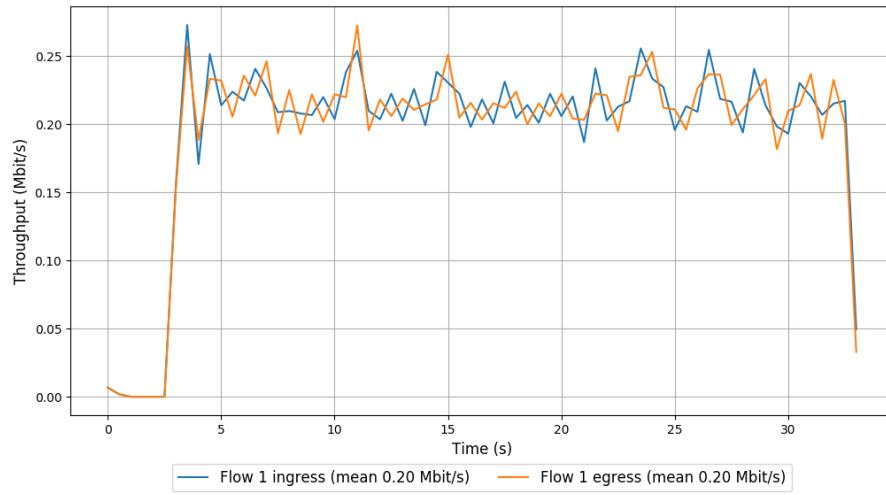


Run 3: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:07:16 +0000
End at: Fri, 23 Jun 2017 21:07:46 +0000
Local clock offset: 5.849 ms
Remote clock offset: -15.235 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.303 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.303 ms
Loss rate: 0.26%
```

Run 3: Report of SCReAM — Data Link

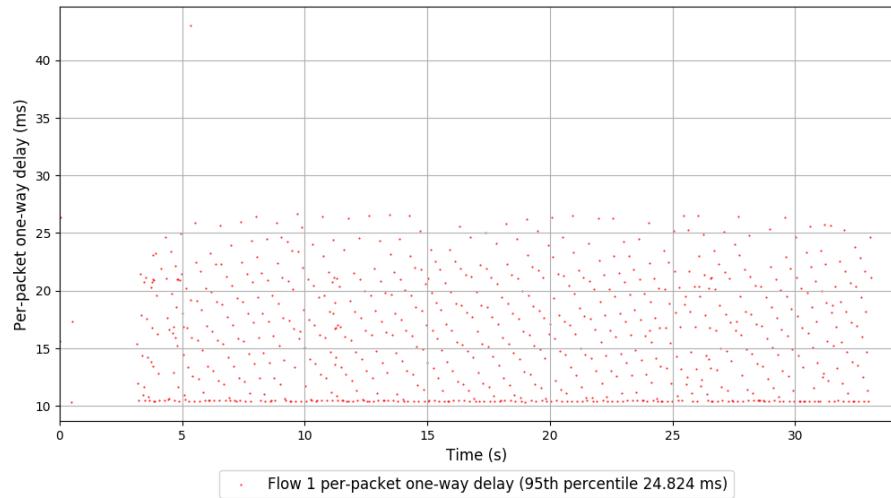
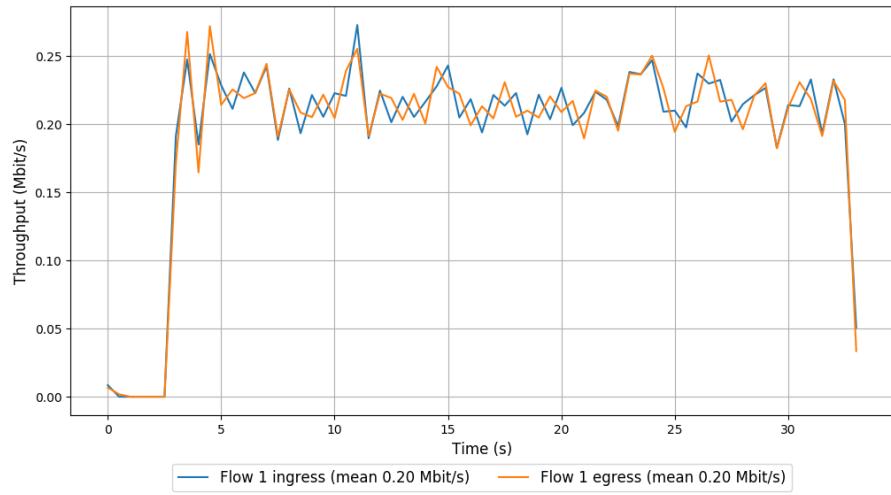


Run 4: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:25:41 +0000
End at: Fri, 23 Jun 2017 21:26:11 +0000
Local clock offset: 6.453 ms
Remote clock offset: -17.892 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.824 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.824 ms
Loss rate: 0.13%
```

Run 4: Report of SCReAM — Data Link

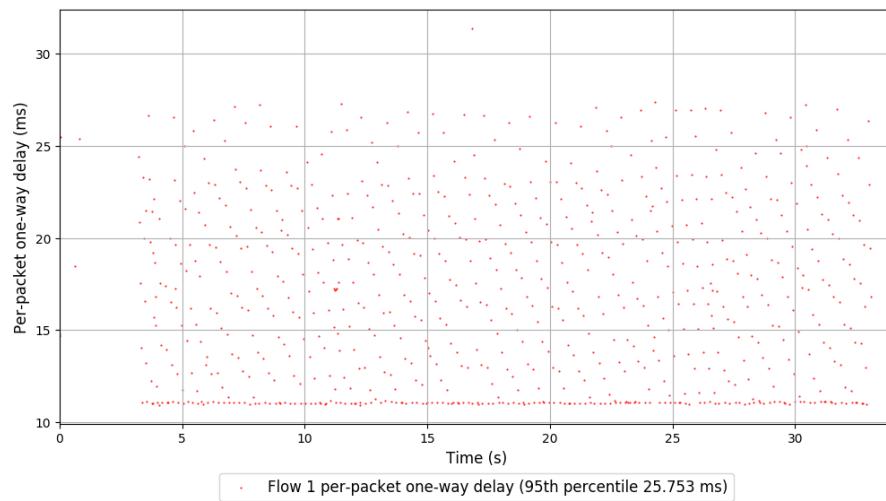
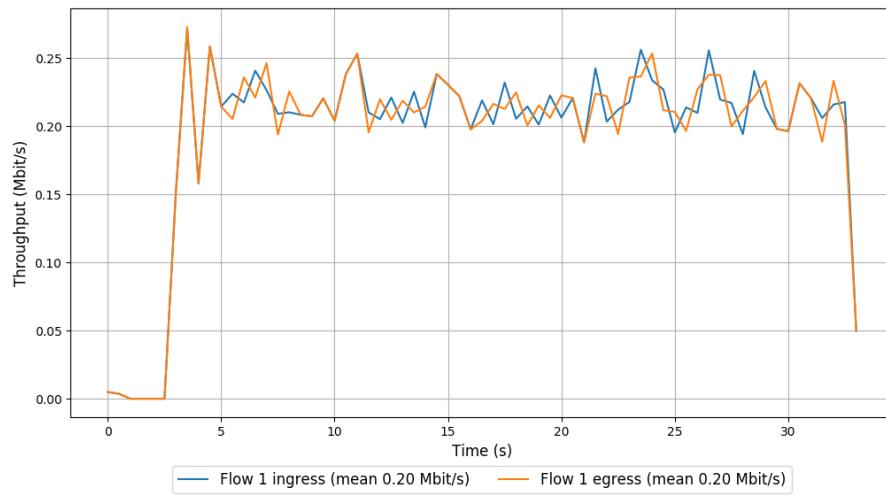


Run 5: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:43:53 +0000
End at: Fri, 23 Jun 2017 21:44:23 +0000
Local clock offset: 1.272 ms
Remote clock offset: -17.731 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.753 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.753 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

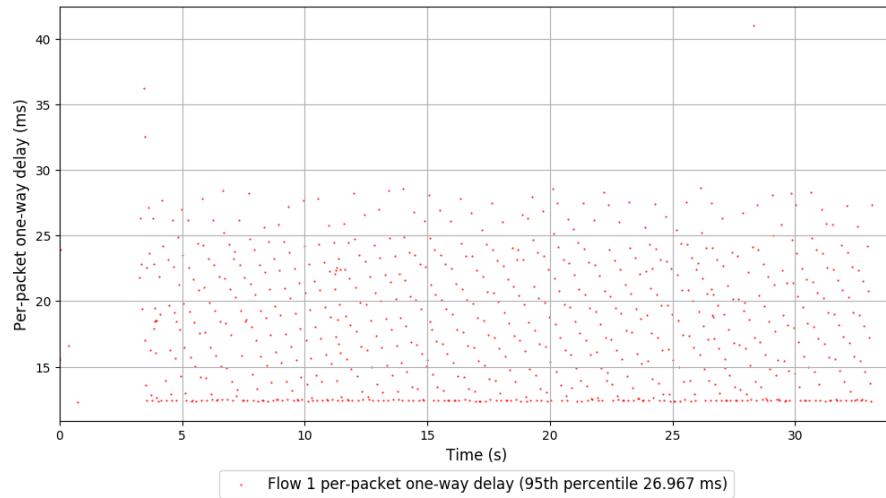
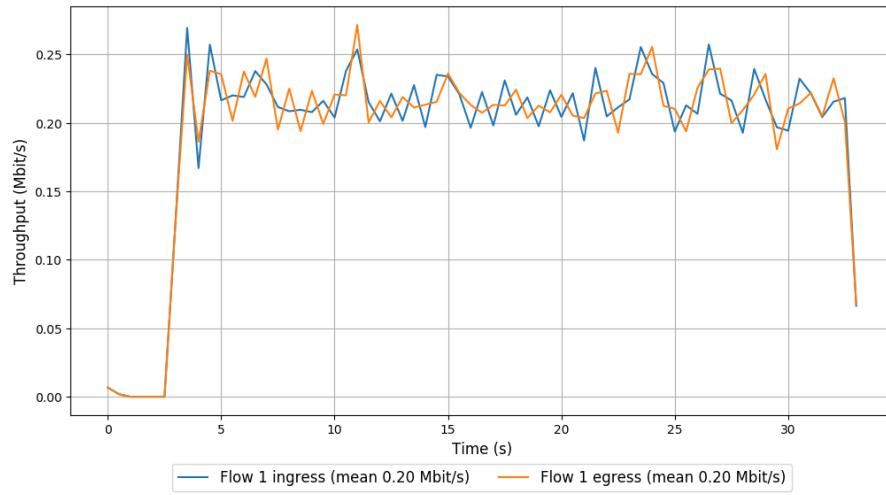


Run 6: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:02:02 +0000
End at: Fri, 23 Jun 2017 22:02:33 +0000
Local clock offset: 2.019 ms
Remote clock offset: -15.255 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:45:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.967 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.967 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

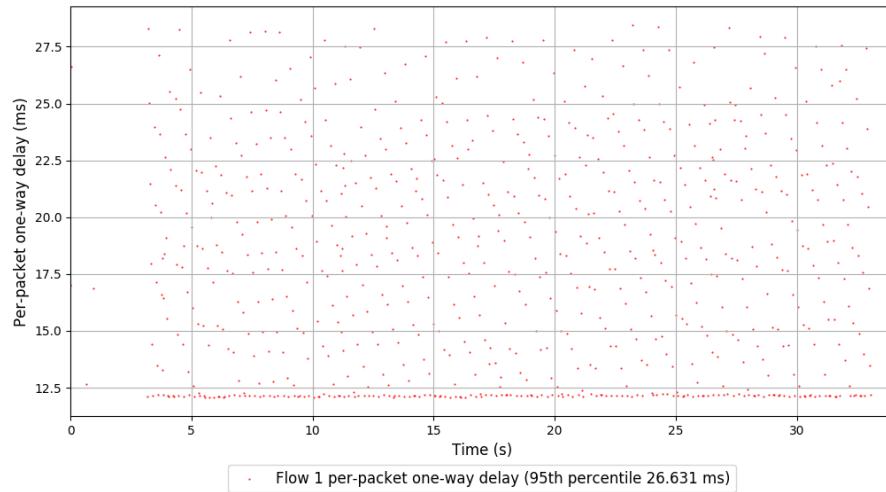
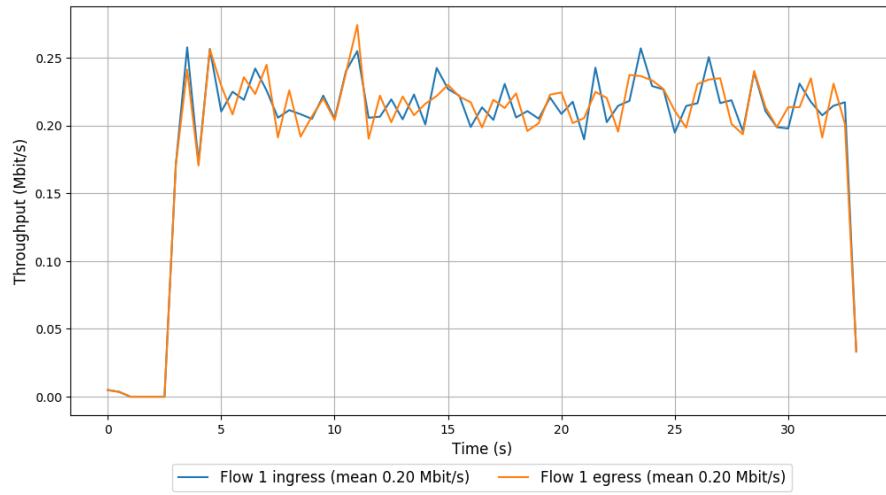


Run 7: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:20:21 +0000
End at: Fri, 23 Jun 2017 22:20:51 +0000
Local clock offset: 8.042 ms
Remote clock offset: -13.662 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.631 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.631 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

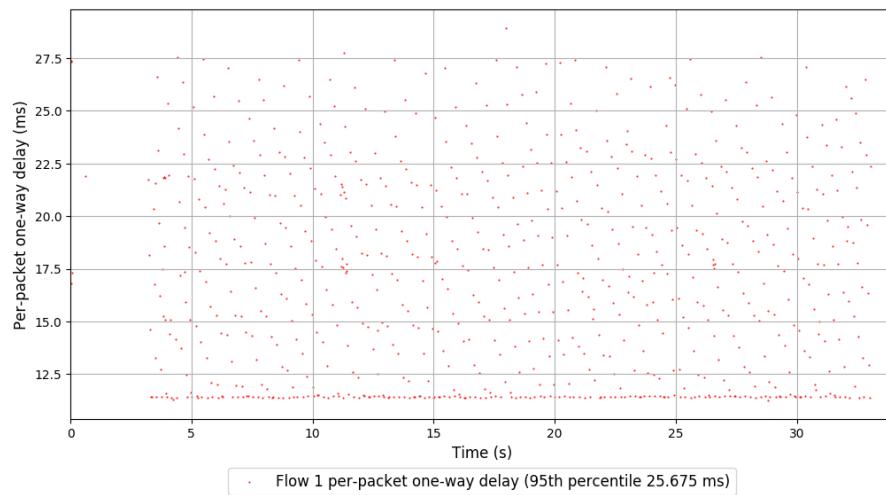
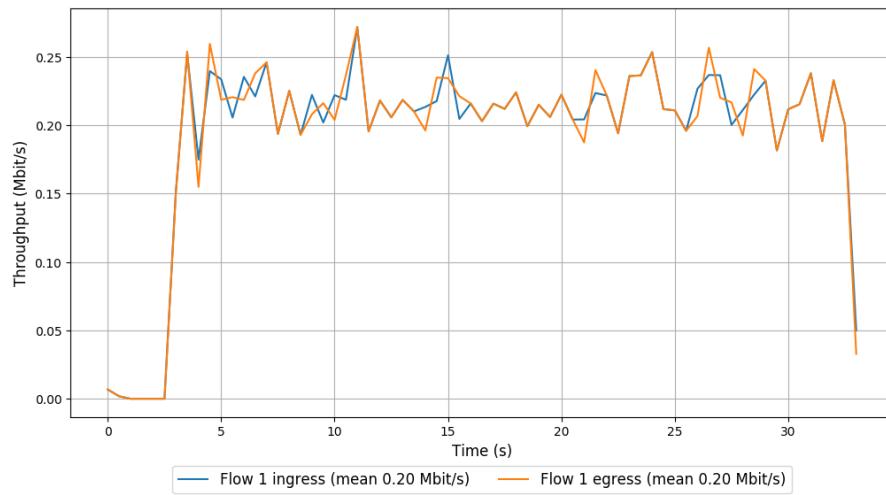


Run 8: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:38:45 +0000
End at: Fri, 23 Jun 2017 22:39:15 +0000
Local clock offset: 6.083 ms
Remote clock offset: -15.222 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.675 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.675 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

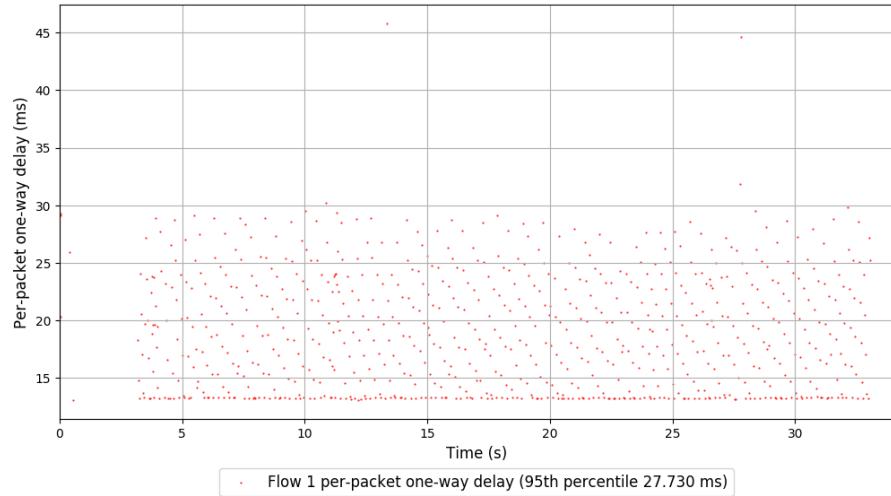
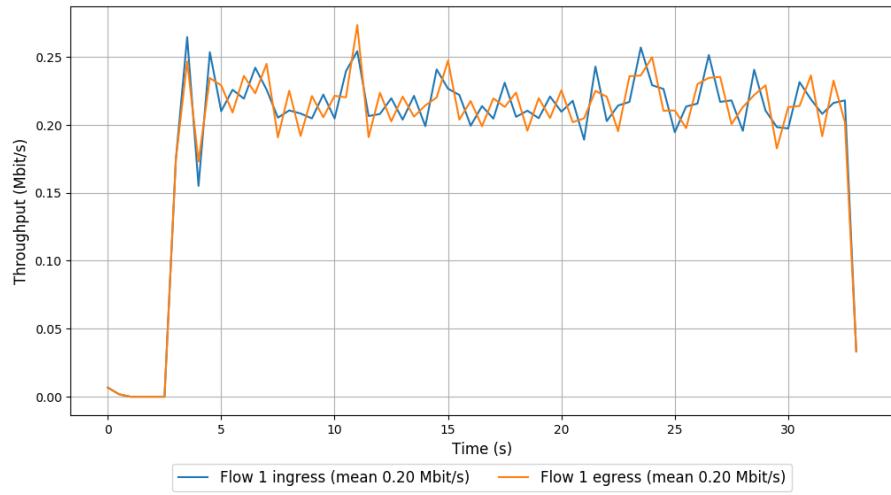


Run 9: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:56:51 +0000
End at: Fri, 23 Jun 2017 22:57:21 +0000
Local clock offset: 2.299 ms
Remote clock offset: -15.62 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.730 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.730 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

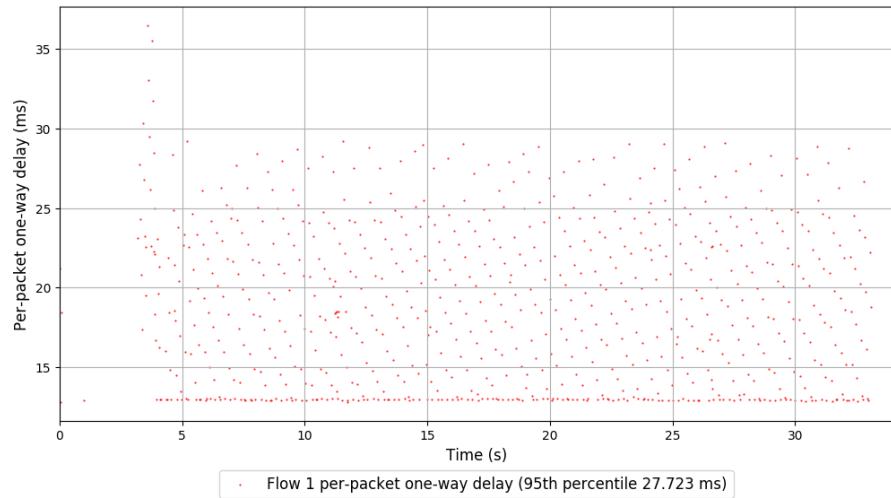
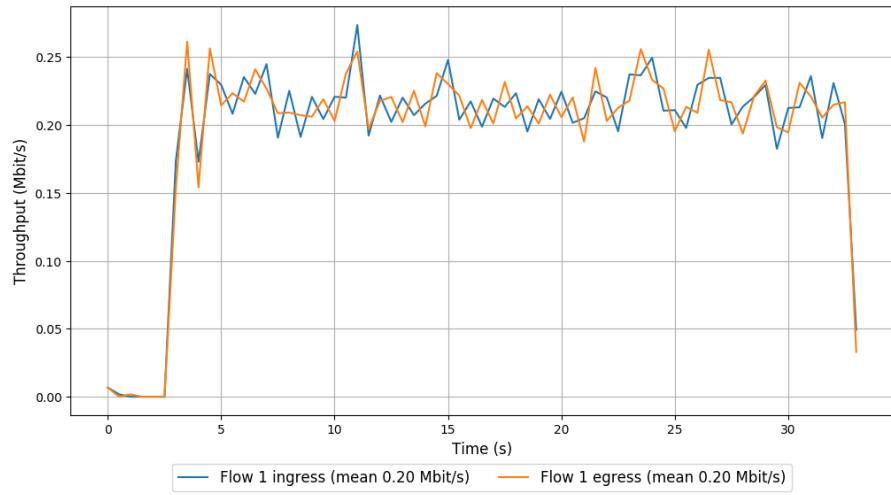


Run 10: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 23:15:16 +0000
End at: Fri, 23 Jun 2017 23:15:46 +0000
Local clock offset: -7.115 ms
Remote clock offset: -15.717 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.723 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.723 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

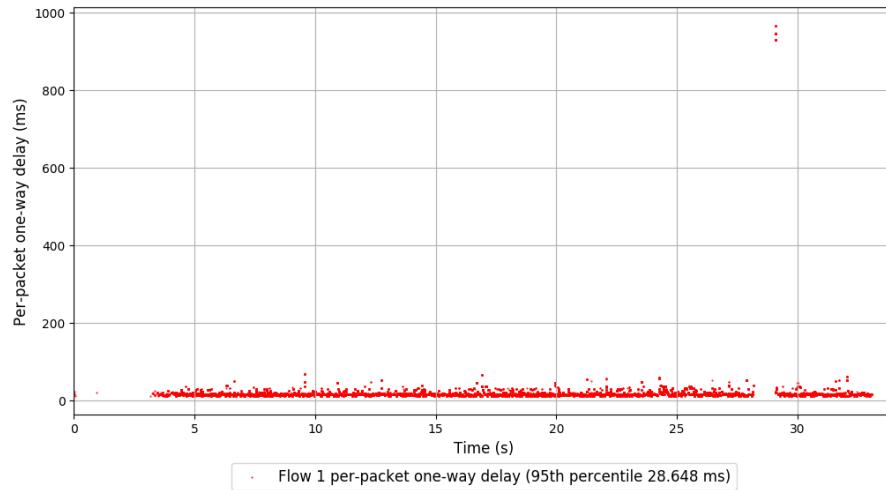
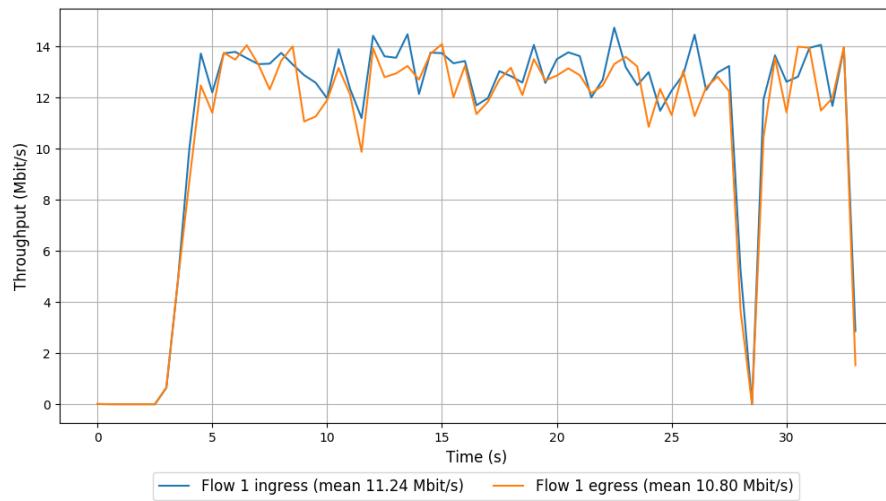


Run 1: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 20:43:53 +0000
End at: Fri, 23 Jun 2017 20:44:23 +0000
Local clock offset: 0.266 ms
Remote clock offset: -16.346 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 28.648 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 28.648 ms
Loss rate: 4.02%
```

Run 1: Report of Sprout — Data Link

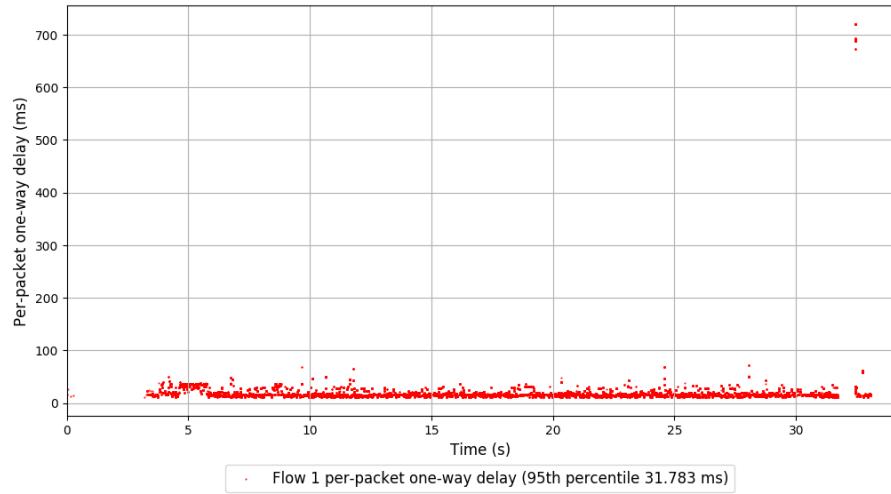
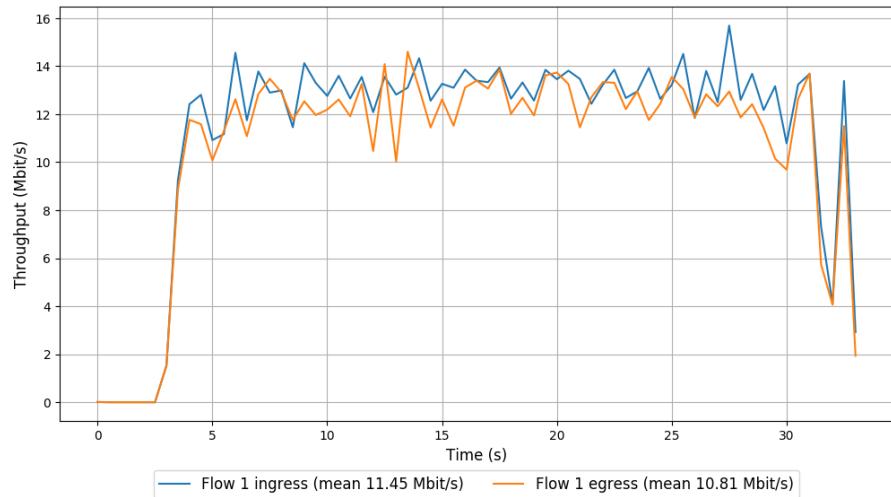


Run 2: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:02:15 +0000
End at: Fri, 23 Jun 2017 21:02:45 +0000
Local clock offset: 2.309 ms
Remote clock offset: -17.549 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 31.783 ms
Loss rate: 5.76%
-- Flow 1:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 31.783 ms
Loss rate: 5.76%
```

Run 2: Report of Sprout — Data Link

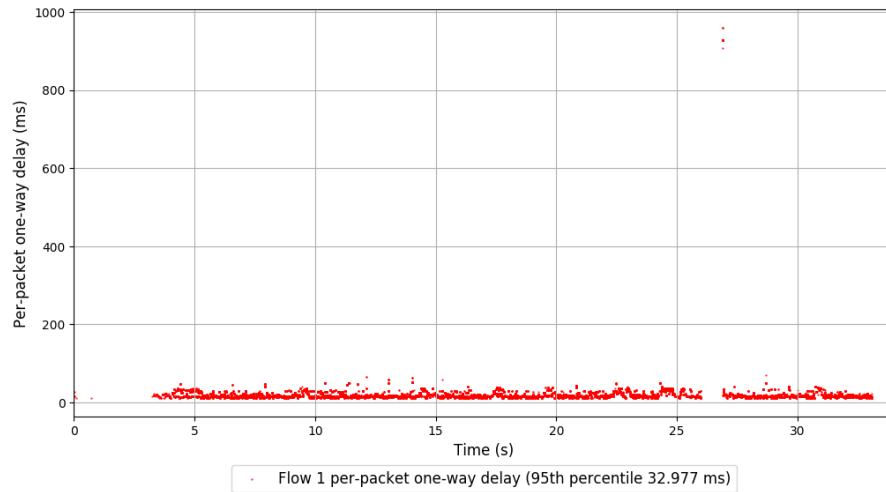
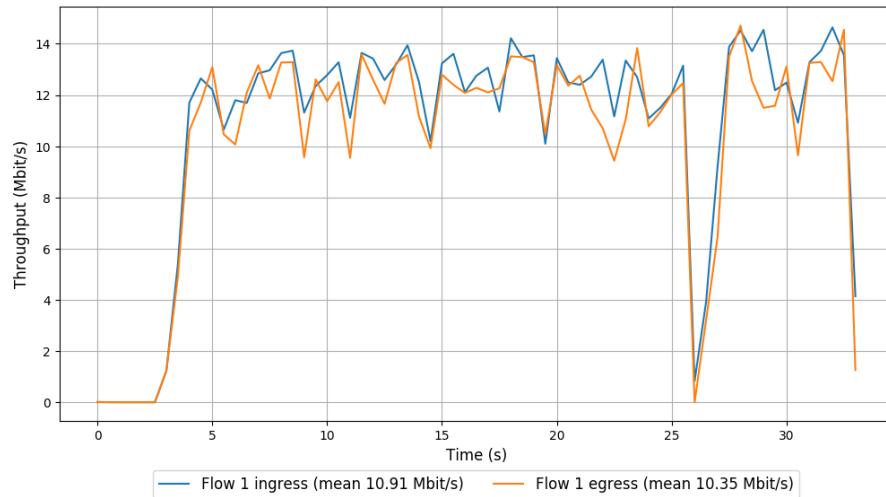


Run 3: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:20:45 +0000
End at: Fri, 23 Jun 2017 21:21:15 +0000
Local clock offset: 3.81 ms
Remote clock offset: -16.327 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 32.977 ms
Loss rate: 5.35%
-- Flow 1:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 32.977 ms
Loss rate: 5.35%
```

Run 3: Report of Sprout — Data Link

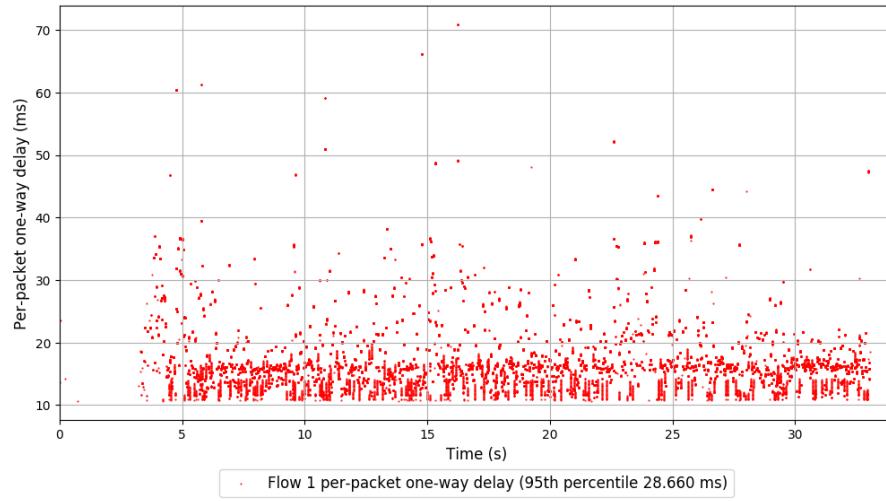
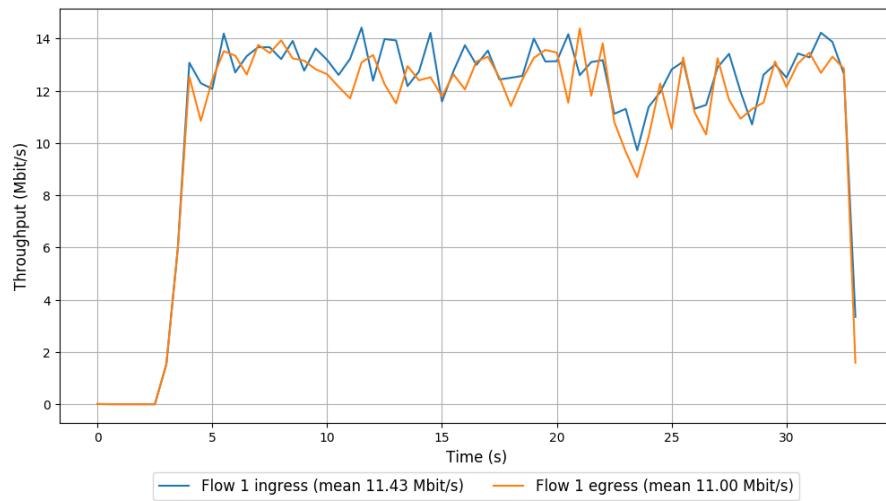


Run 4: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:38:55 +0000
End at: Fri, 23 Jun 2017 21:39:25 +0000
Local clock offset: 2.932 ms
Remote clock offset: -16.835 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 28.660 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 28.660 ms
Loss rate: 3.92%
```

Run 4: Report of Sprout — Data Link

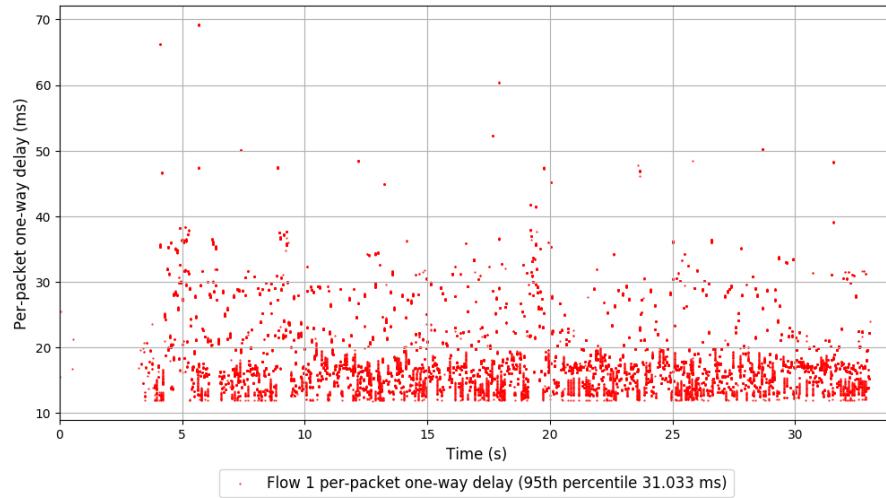
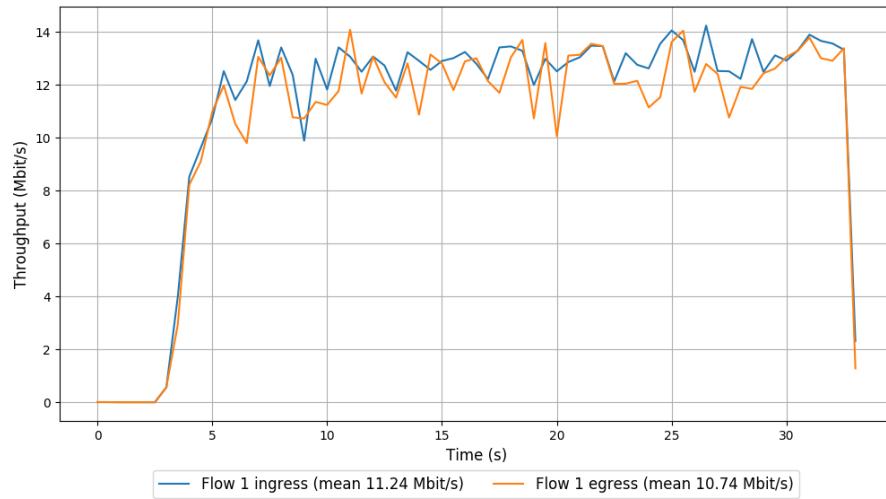


Run 5: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:57:10 +0000
End at: Fri, 23 Jun 2017 21:57:40 +0000
Local clock offset: 5.087 ms
Remote clock offset: -16.338 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:46:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 31.033 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 31.033 ms
Loss rate: 4.53%
```

Run 5: Report of Sprout — Data Link

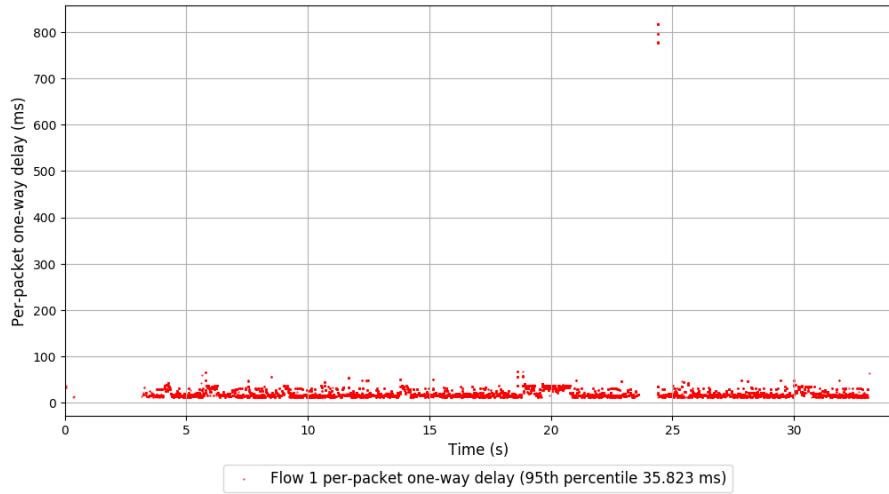
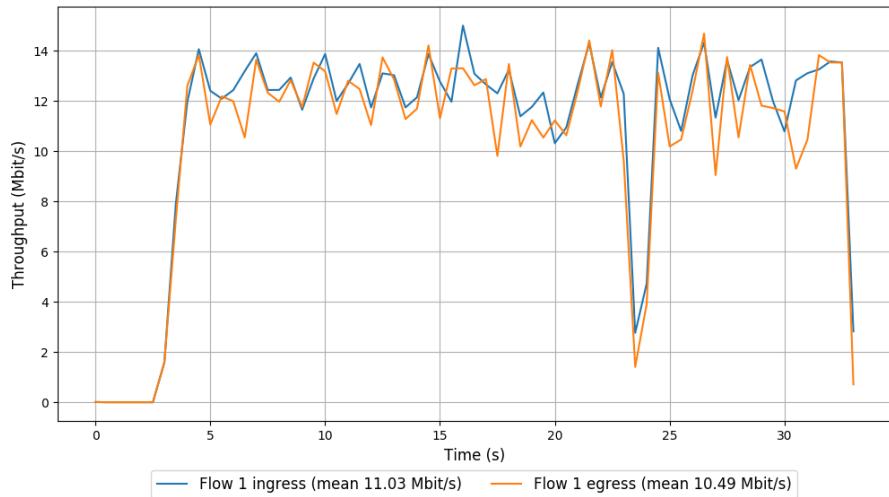


Run 6: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 22:15:28 +0000
End at: Fri, 23 Jun 2017 22:15:58 +0000
Local clock offset: 6.813 ms
Remote clock offset: -14.508 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 35.823 ms
Loss rate: 4.92%
-- Flow 1:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 35.823 ms
Loss rate: 4.92%
```

Run 6: Report of Sprout — Data Link

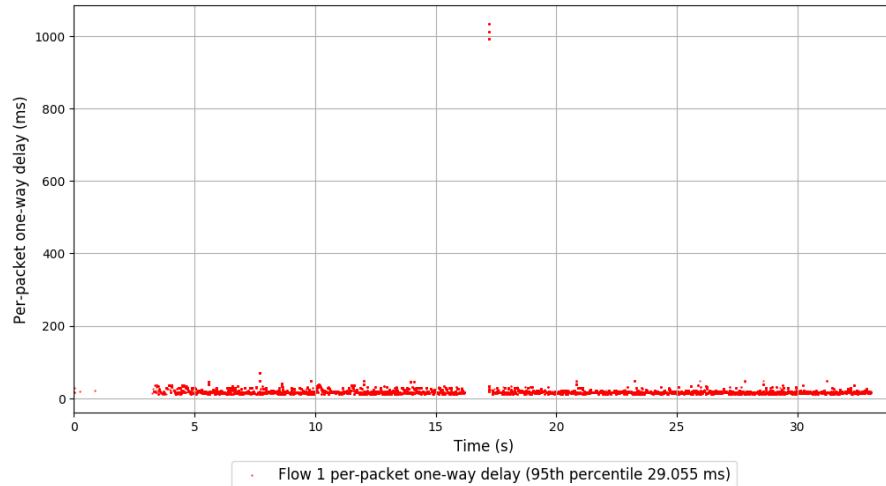
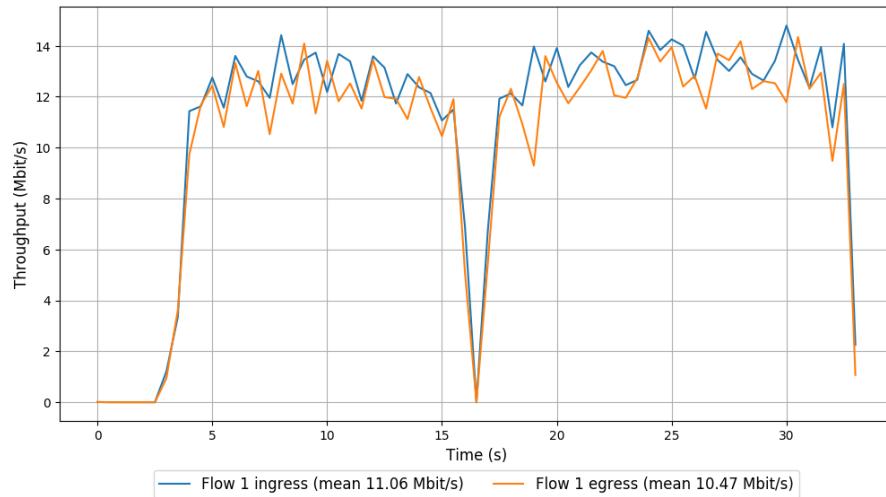


Run 7: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 22:33:49 +0000
End at: Fri, 23 Jun 2017 22:34:19 +0000
Local clock offset: 7.592 ms
Remote clock offset: -14.099 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 29.055 ms
Loss rate: 5.47%
-- Flow 1:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 29.055 ms
Loss rate: 5.47%
```

Run 7: Report of Sprout — Data Link

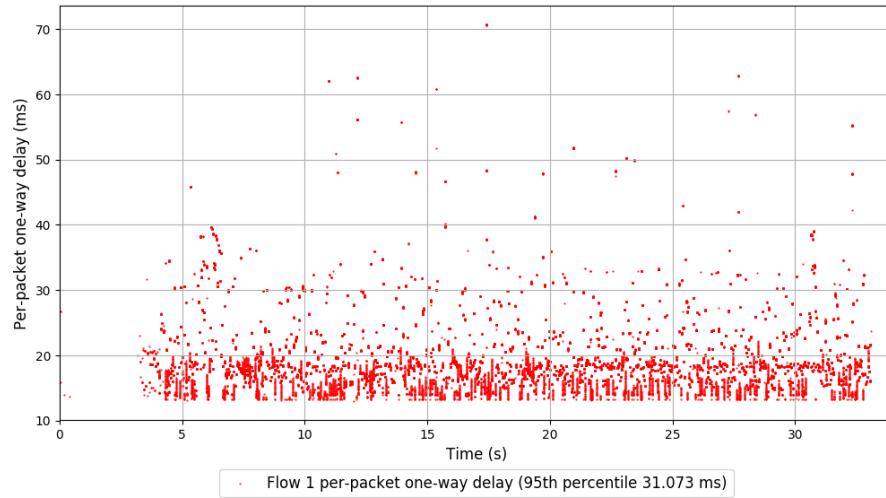
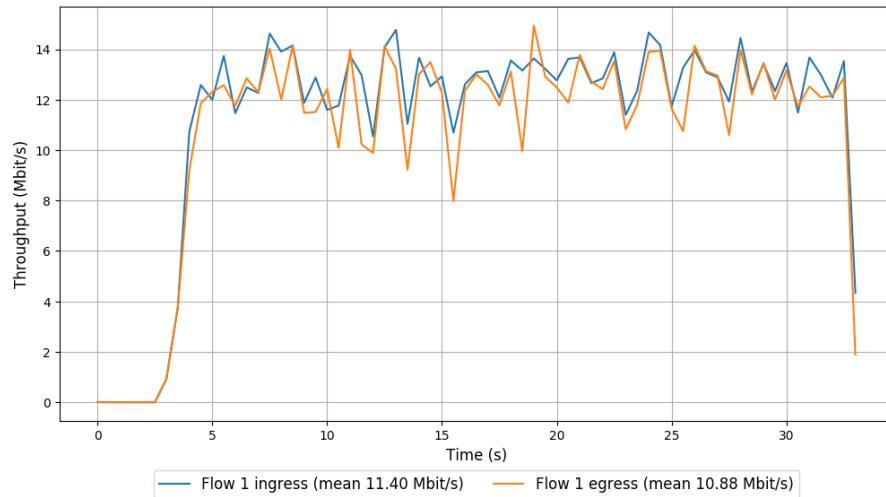


Run 8: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 22:51:56 +0000
End at: Fri, 23 Jun 2017 22:52:26 +0000
Local clock offset: 3.279 ms
Remote clock offset: -14.583 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 31.073 ms
Loss rate: 4.68%
-- Flow 1:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 31.073 ms
Loss rate: 4.68%
```

Run 8: Report of Sprout — Data Link

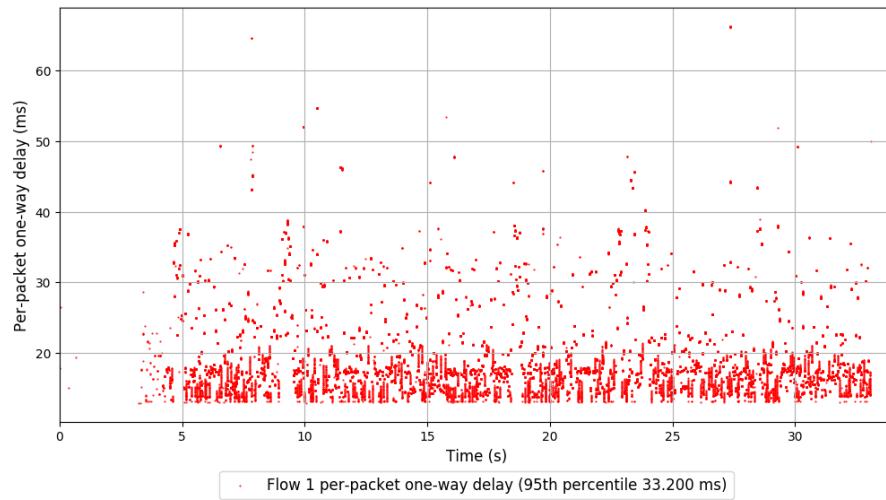
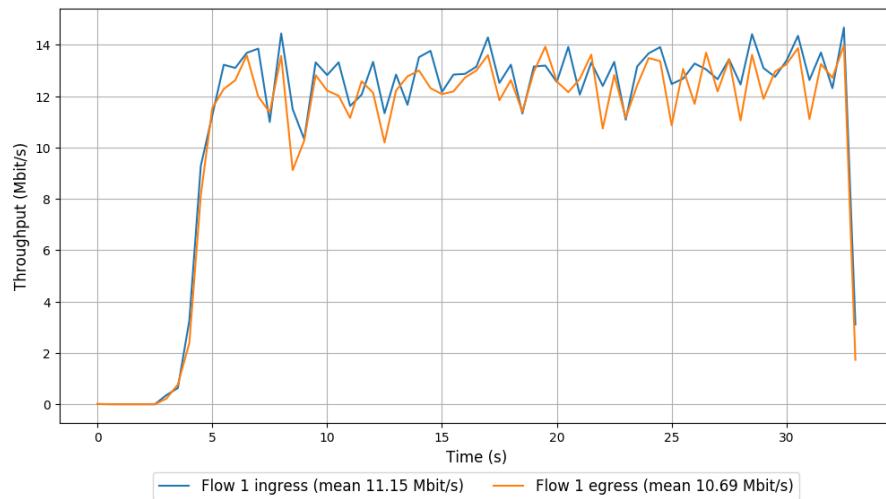


Run 9: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 23:10:19 +0000
End at: Fri, 23 Jun 2017 23:10:49 +0000
Local clock offset: 0.931 ms
Remote clock offset: -16.245 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.69 Mbit/s
95th percentile per-packet one-way delay: 33.200 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 10.69 Mbit/s
95th percentile per-packet one-way delay: 33.200 ms
Loss rate: 4.21%
```

Run 9: Report of Sprout — Data Link

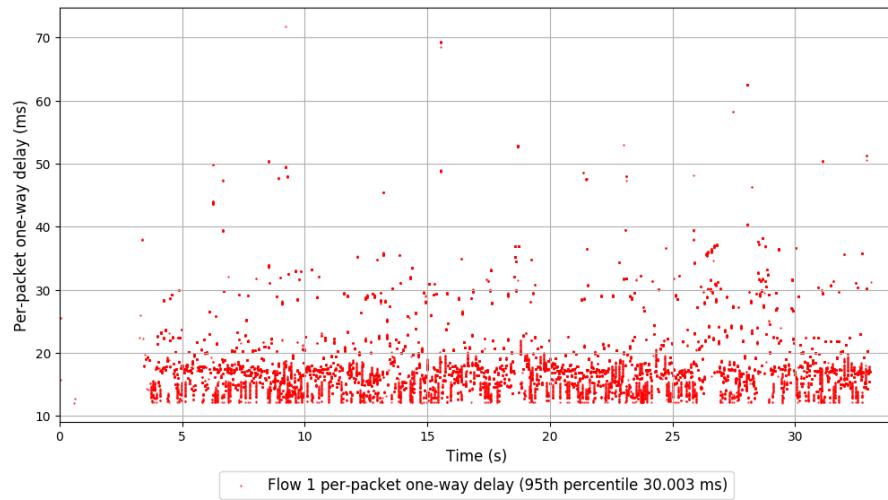
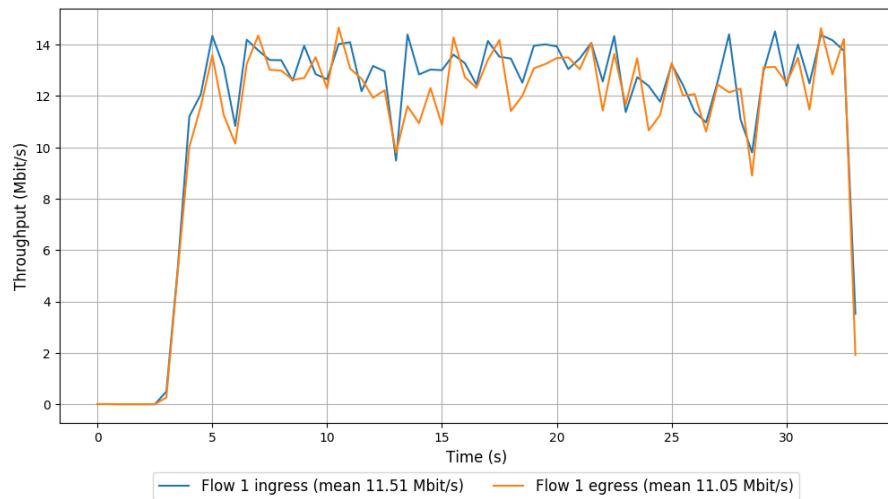


Run 10: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 23:28:39 +0000
End at: Fri, 23 Jun 2017 23:29:09 +0000
Local clock offset: 4.304 ms
Remote clock offset: -17.109 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:47:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 30.003 ms
Loss rate: 4.10%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 30.003 ms
Loss rate: 4.10%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 20:36:21 +0000

End at: Fri, 23 Jun 2017 20:36:51 +0000

Local clock offset: 3.765 ms

Remote clock offset: -15.7 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:48:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.92 Mbit/s

95th percentile per-packet one-way delay: 41.975 ms

Loss rate: 49.57%

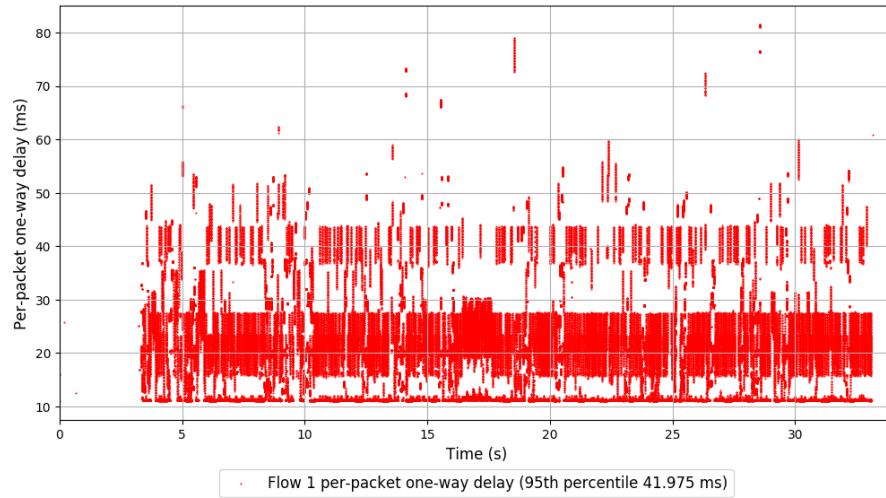
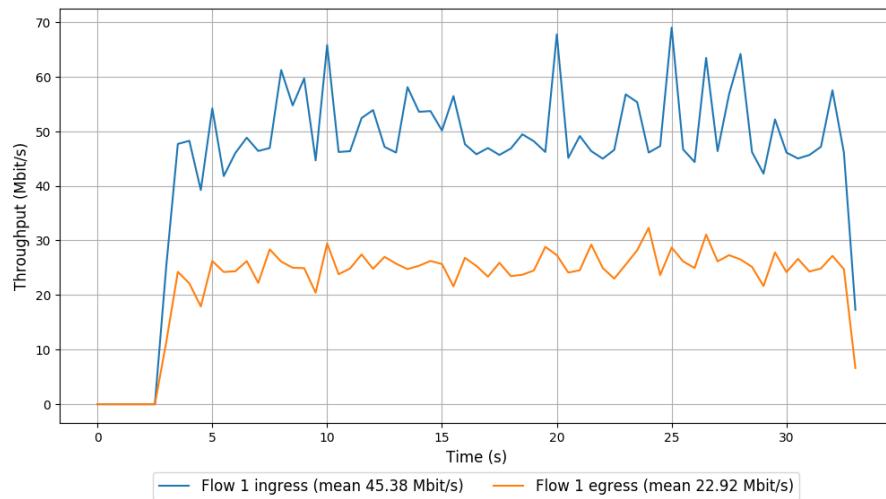
-- Flow 1:

Average throughput: 22.92 Mbit/s

95th percentile per-packet one-way delay: 41.975 ms

Loss rate: 49.57%

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

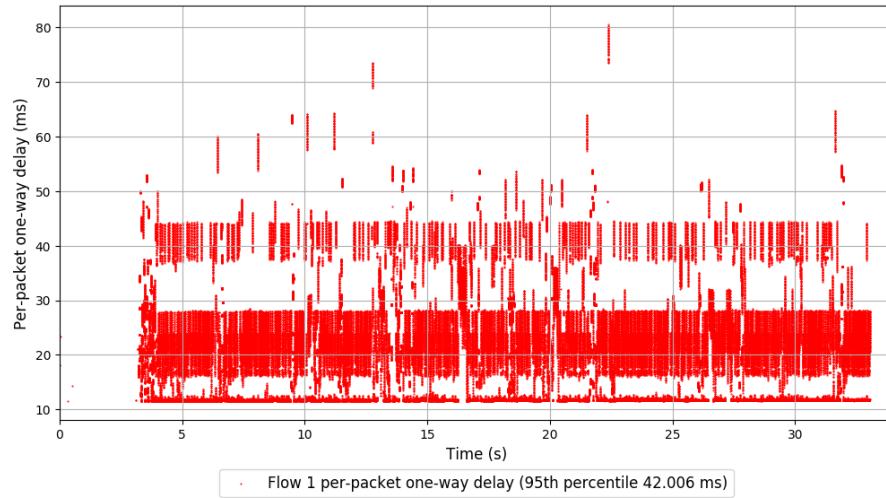
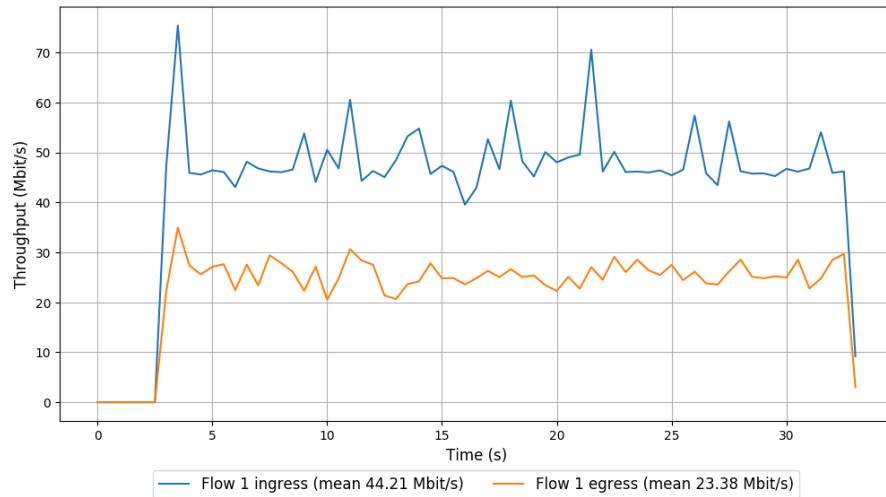


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:54:46 +0000
End at: Fri, 23 Jun 2017 20:55:16 +0000
Local clock offset: 0.335 ms
Remote clock offset: -15.806 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 42.006 ms
Loss rate: 47.21%
-- Flow 1:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 42.006 ms
Loss rate: 47.21%
```

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

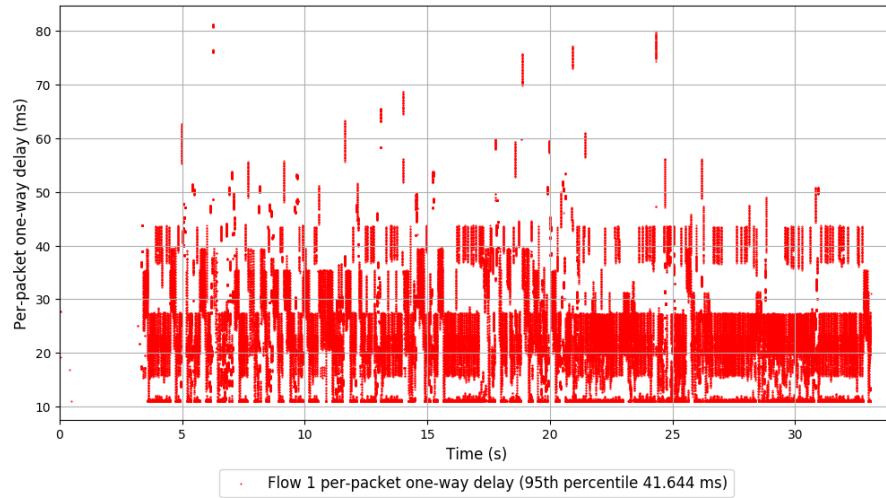
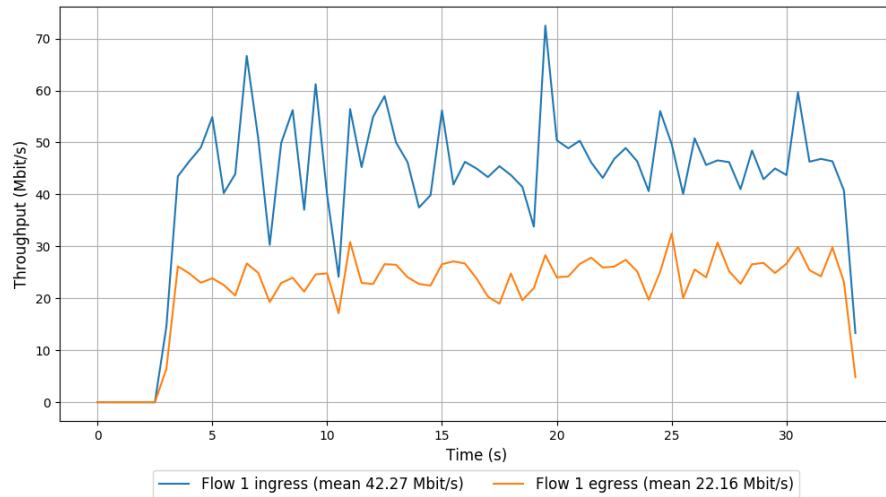


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 21:13:09 +0000
End at: Fri, 23 Jun 2017 21:13:39 +0000
Local clock offset: 4.289 ms
Remote clock offset: -15.131 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 41.644 ms
Loss rate: 47.64%
-- Flow 1:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 41.644 ms
Loss rate: 47.64%
```

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



Run 4: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 21:31:36 +0000

End at: Fri, 23 Jun 2017 21:32:06 +0000

Local clock offset: 6.244 ms

Remote clock offset: -16.261 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:48:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.23 Mbit/s

95th percentile per-packet one-way delay: 40.581 ms

Loss rate: 48.09%

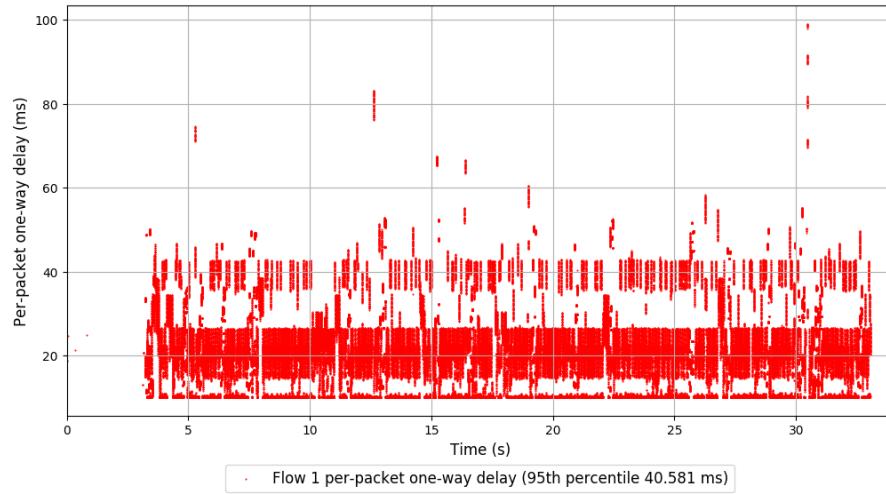
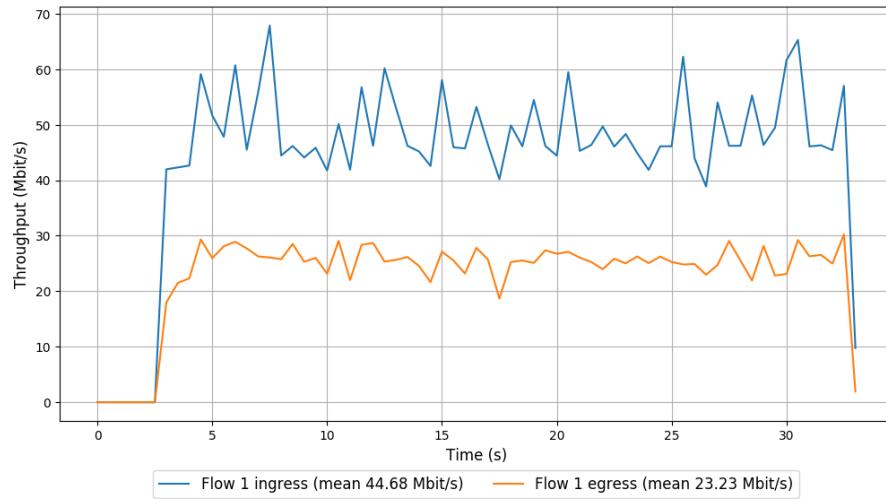
-- Flow 1:

Average throughput: 23.23 Mbit/s

95th percentile per-packet one-way delay: 40.581 ms

Loss rate: 48.09%

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

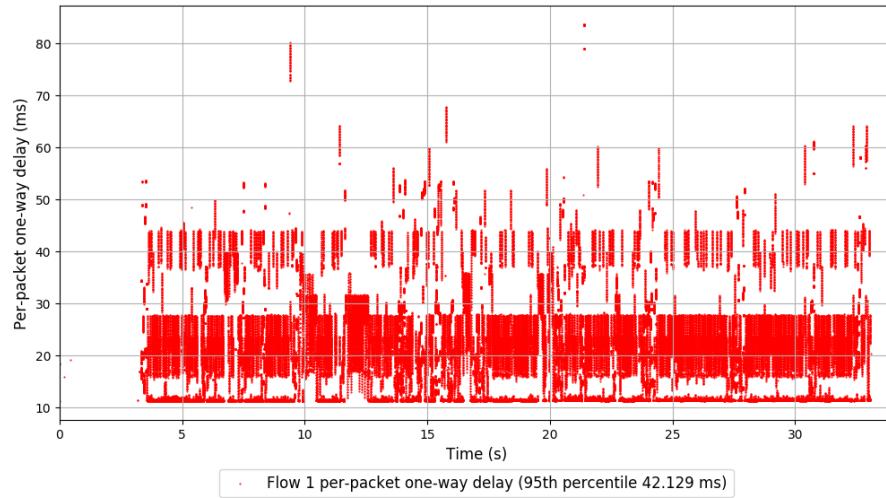
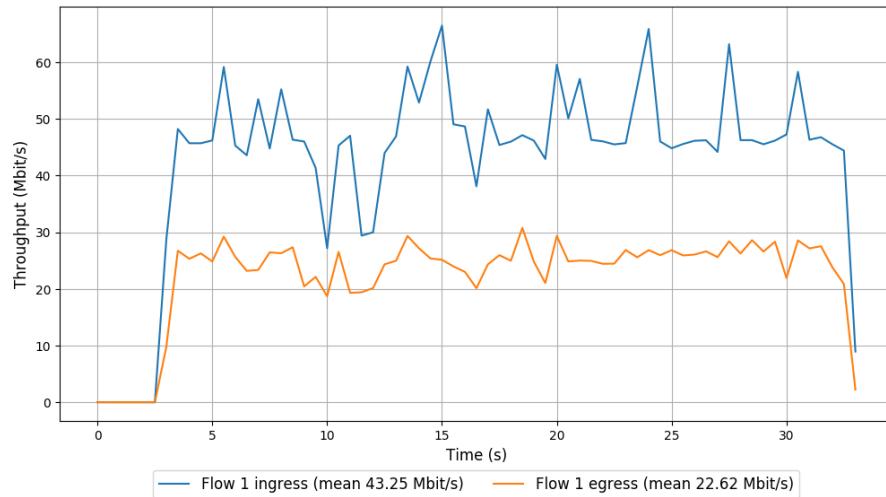


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 21:49:43 +0000
End at: Fri, 23 Jun 2017 21:50:13 +0000
Local clock offset: 3.438 ms
Remote clock offset: -16.324 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:48:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 42.129 ms
Loss rate: 47.75%
-- Flow 1:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 42.129 ms
Loss rate: 47.75%
```

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

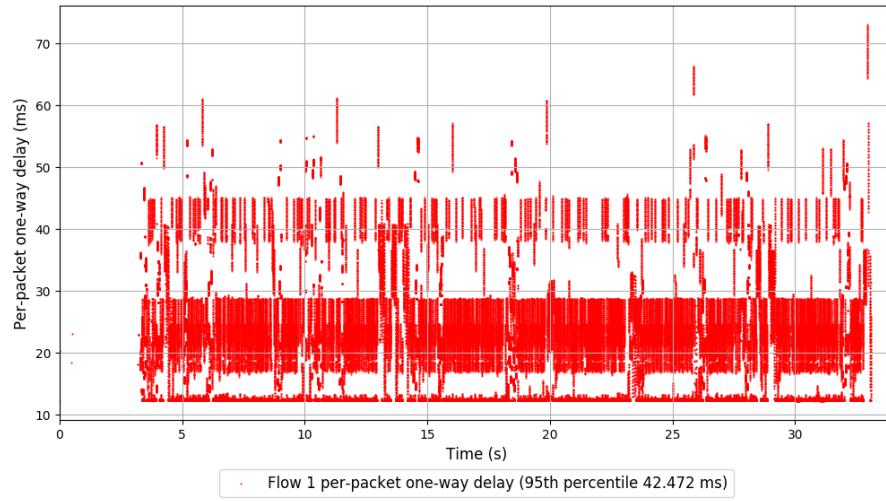
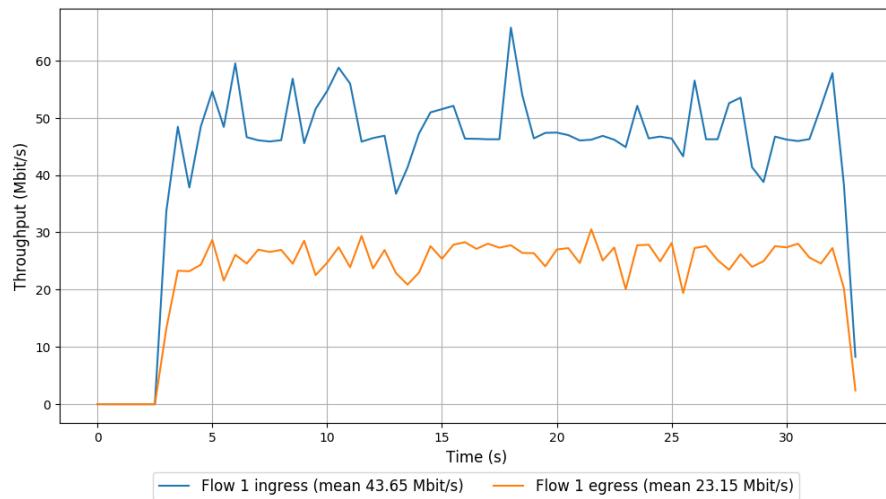


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 22:07:58 +0000
End at: Fri, 23 Jun 2017 22:08:28 +0000
Local clock offset: 3.145 ms
Remote clock offset: -17.986 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:49:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 42.472 ms
Loss rate: 47.04%
-- Flow 1:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 42.472 ms
Loss rate: 47.04%
```

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

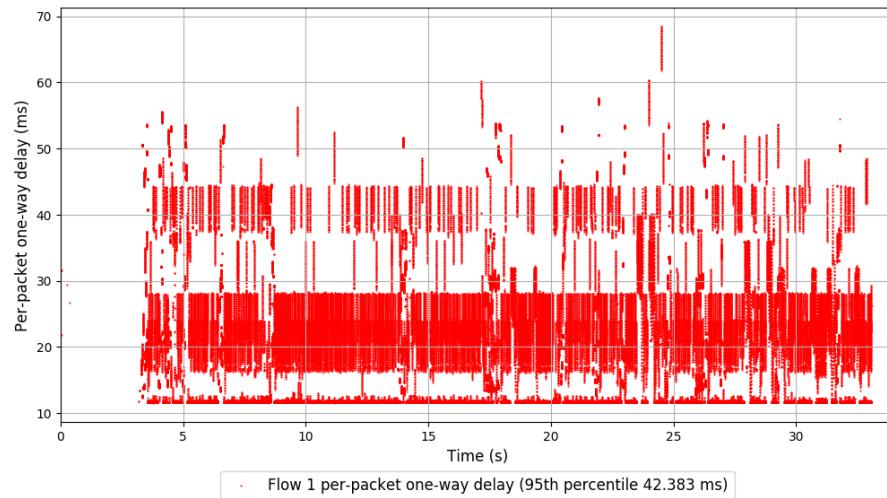
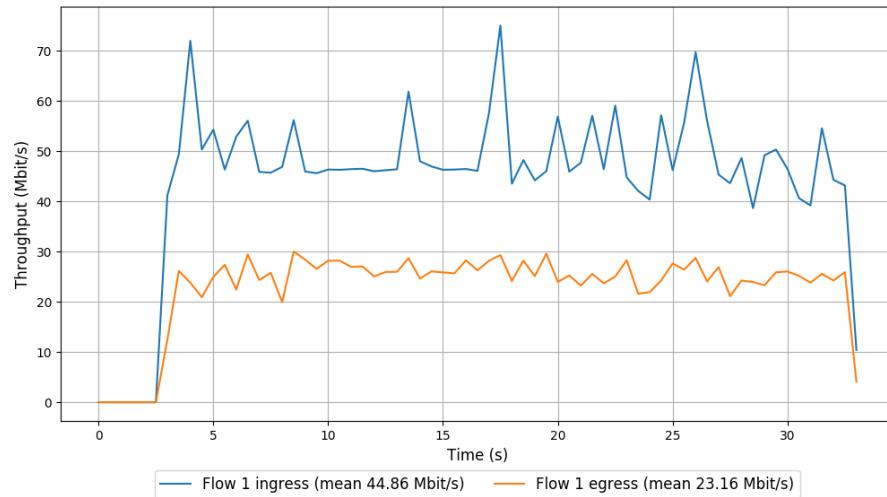


Run 7: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 22:26:11 +0000
End at: Fri, 23 Jun 2017 22:26:41 +0000
Local clock offset: 7.458 ms
Remote clock offset: -13.15 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:49:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 42.383 ms
Loss rate: 48.47%
-- Flow 1:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 42.383 ms
Loss rate: 48.47%
```

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

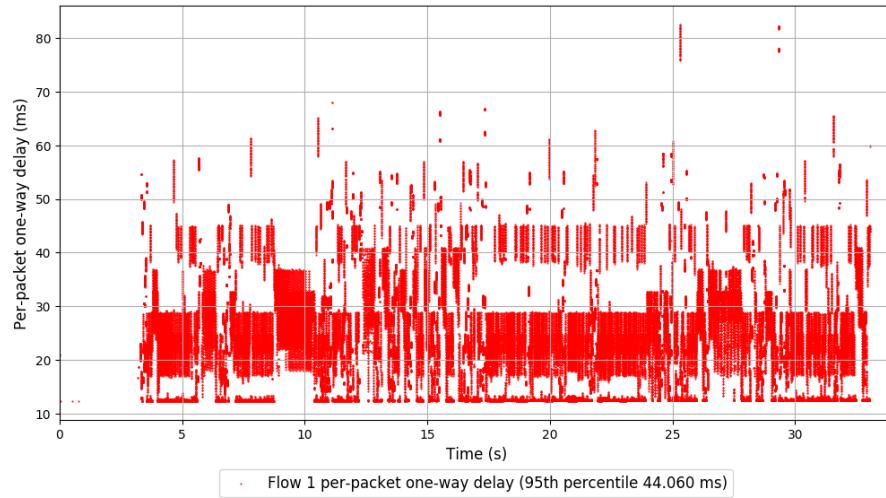
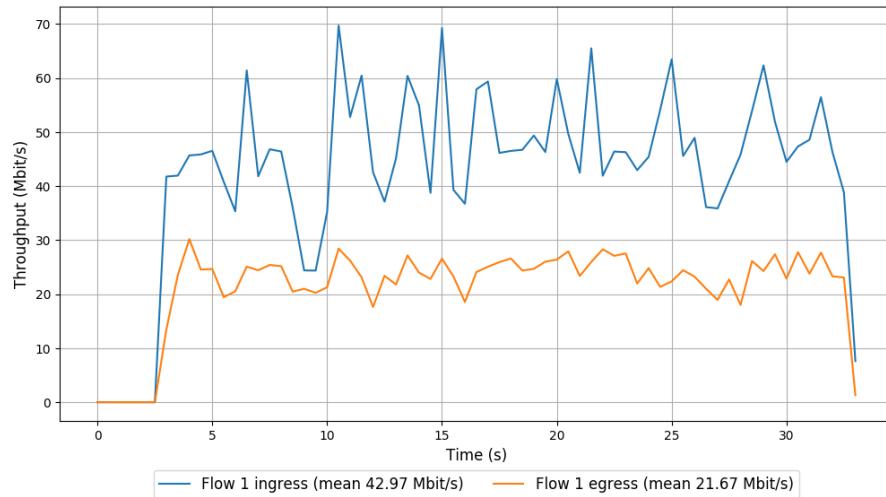


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 22:44:39 +0000
End at: Fri, 23 Jun 2017 22:45:09 +0000
Local clock offset: 6.203 ms
Remote clock offset: -14.685 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:49:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 44.060 ms
Loss rate: 49.62%
-- Flow 1:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 44.060 ms
Loss rate: 49.62%
```

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

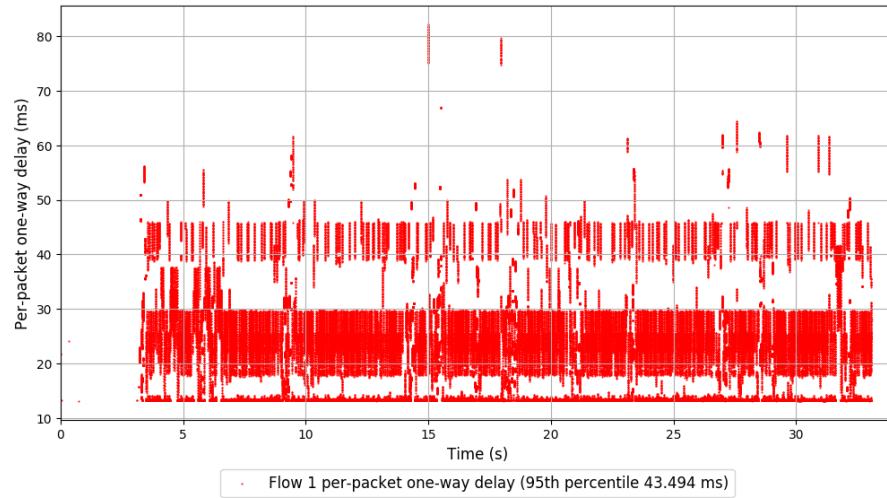
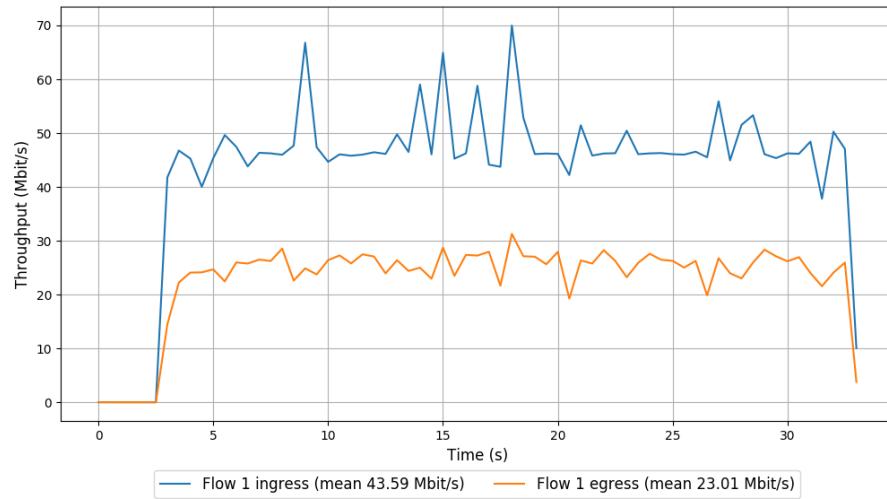


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 23:02:47 +0000
End at: Fri, 23 Jun 2017 23:03:17 +0000
Local clock offset: 3.756 ms
Remote clock offset: -16.213 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 43.494 ms
Loss rate: 47.31%
-- Flow 1:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 43.494 ms
Loss rate: 47.31%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 23:21:11 +0000

End at: Fri, 23 Jun 2017 23:21:41 +0000

Local clock offset: 5.452 ms

Remote clock offset: -16.223 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:50:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.82 Mbit/s

95th percentile per-packet one-way delay: 42.724 ms

Loss rate: 48.06%

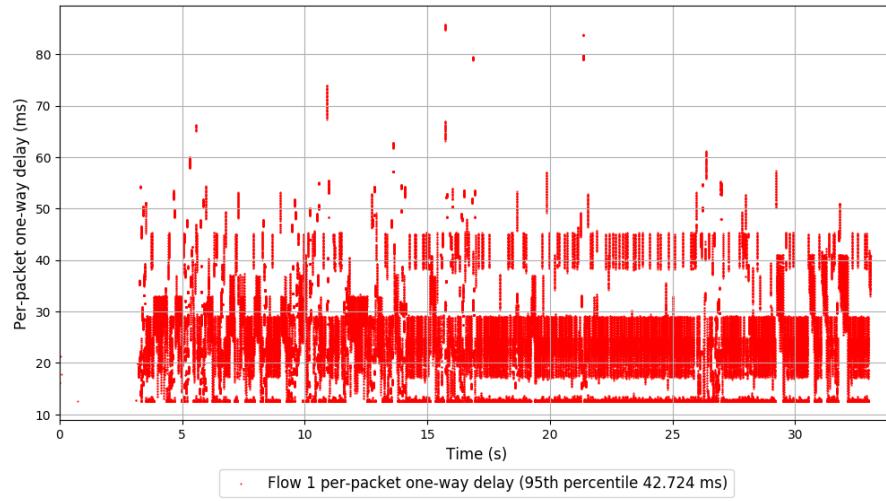
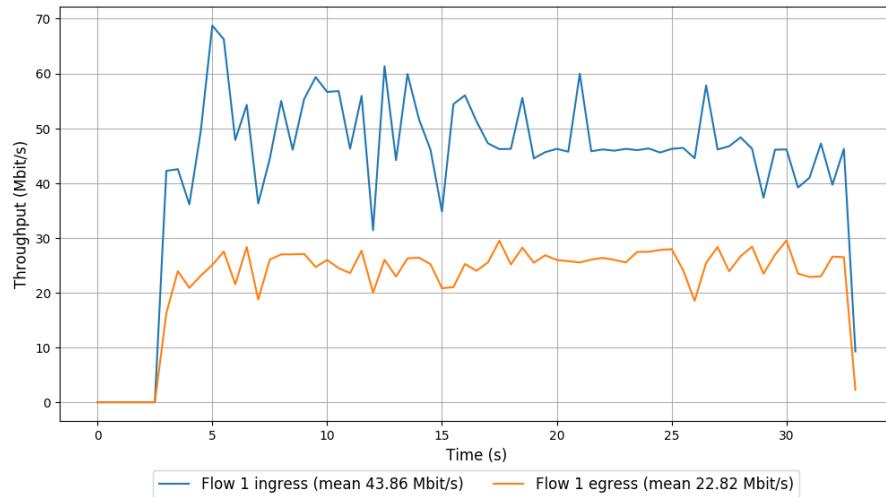
-- Flow 1:

Average throughput: 22.82 Mbit/s

95th percentile per-packet one-way delay: 42.724 ms

Loss rate: 48.06%

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

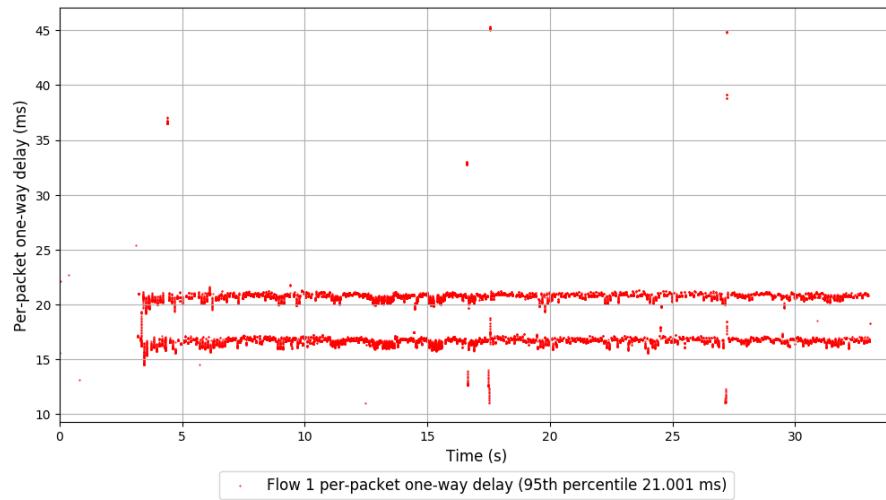
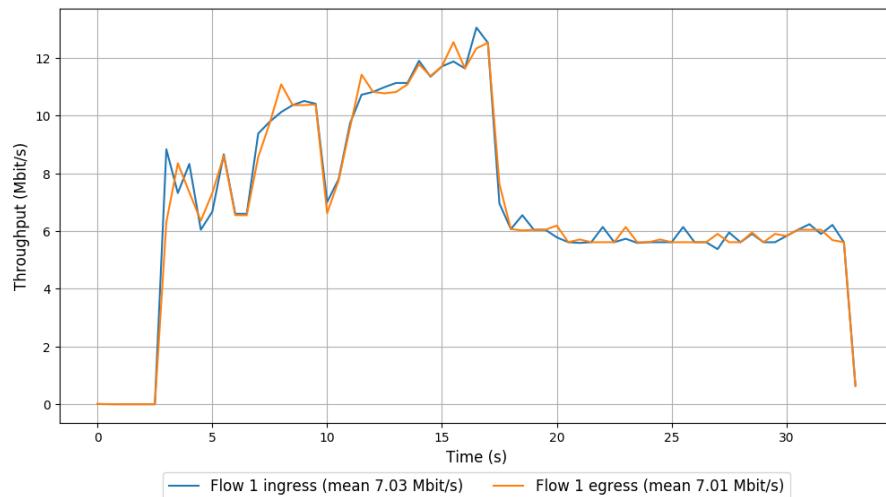


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:41:18 +0000
End at: Fri, 23 Jun 2017 20:41:48 +0000
Local clock offset: 4.737 ms
Remote clock offset: -17.549 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 21.001 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 21.001 ms
Loss rate: 0.49%
```

Run 1: Report of TCP Vegas — Data Link

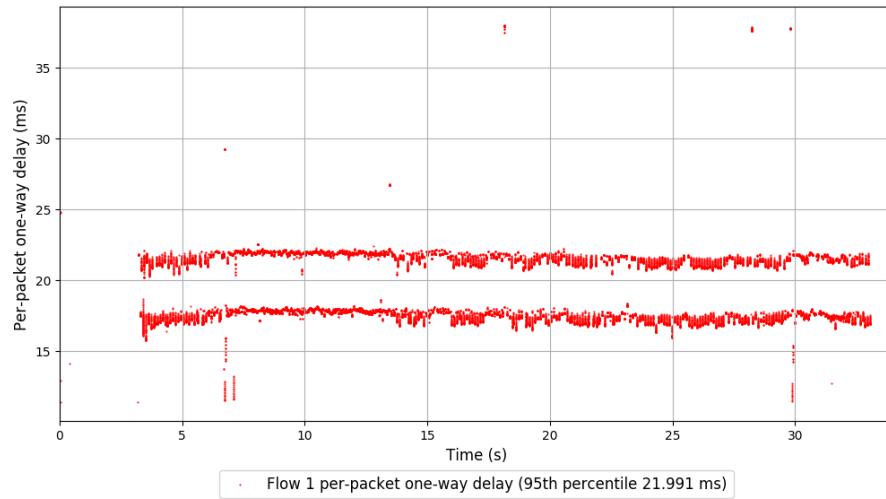
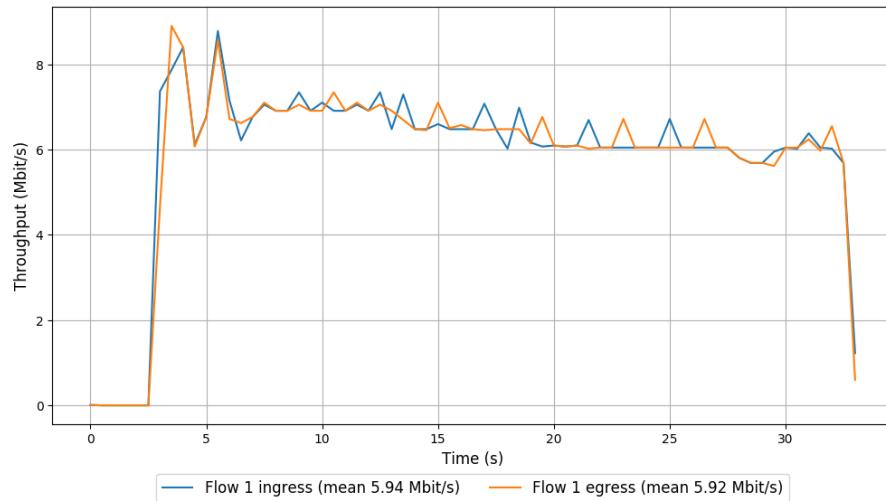


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:59:46 +0000
End at: Fri, 23 Jun 2017 21:00:16 +0000
Local clock offset: 2.988 ms
Remote clock offset: -14.95 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 21.991 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 21.991 ms
Loss rate: 0.61%
```

Run 2: Report of TCP Vegas — Data Link

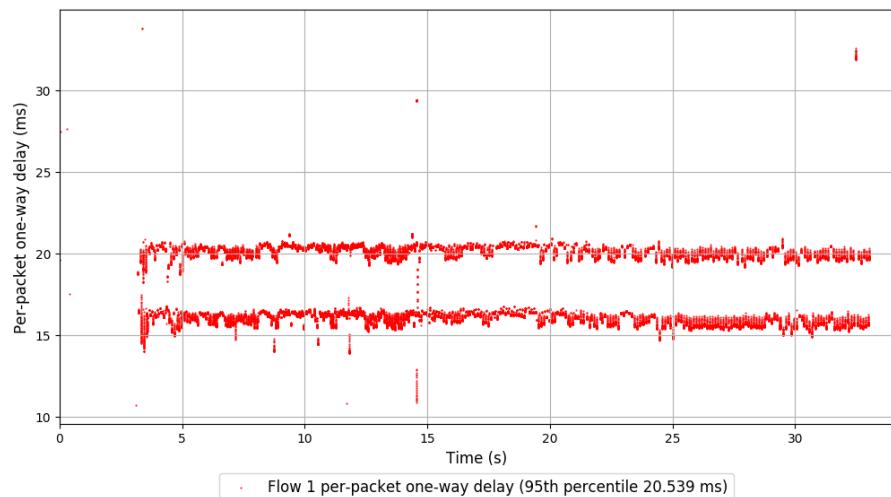
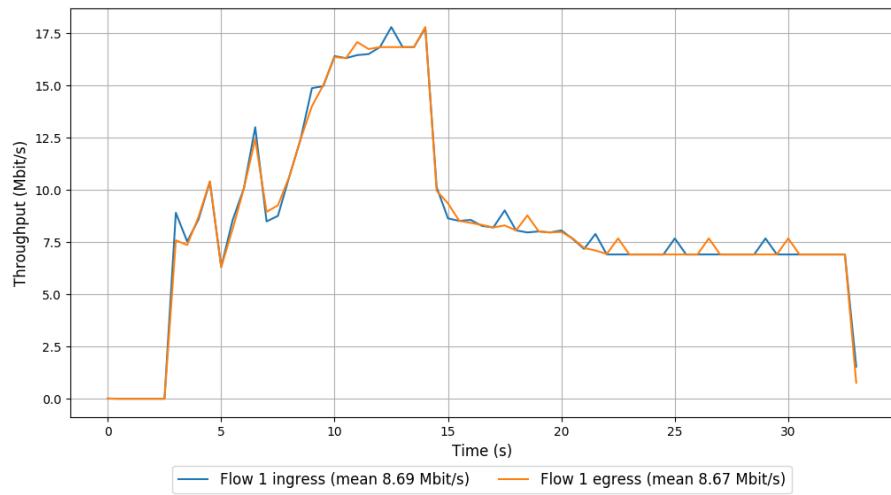


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:18:11 +0000
End at: Fri, 23 Jun 2017 21:18:41 +0000
Local clock offset: 3.901 ms
Remote clock offset: -16.022 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 20.539 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 20.539 ms
Loss rate: 0.44%
```

Run 3: Report of TCP Vegas — Data Link

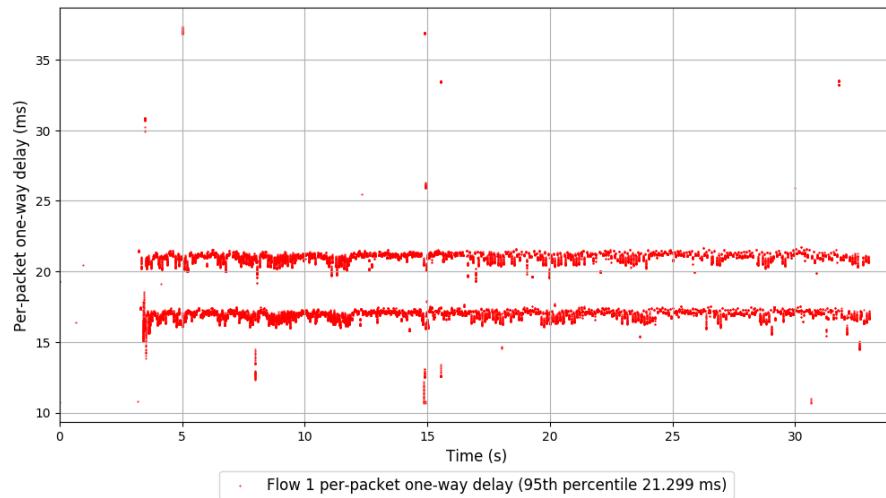
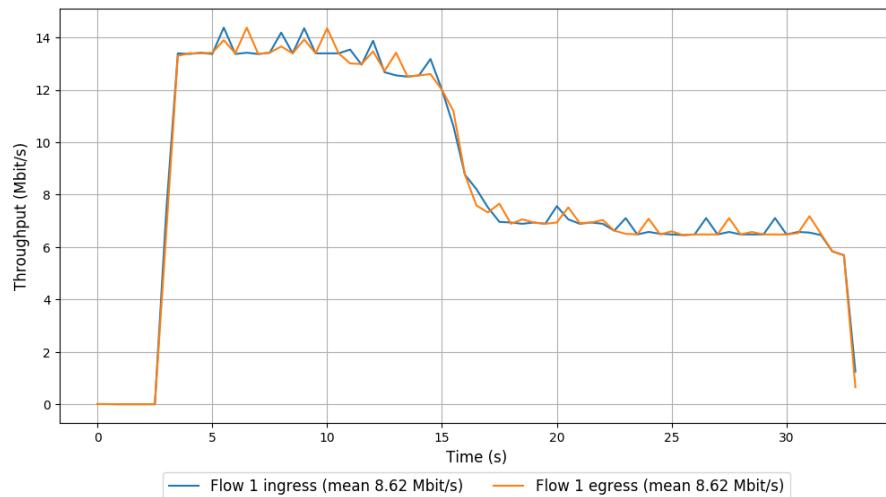


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:36:27 +0000
End at: Fri, 23 Jun 2017 21:36:57 +0000
Local clock offset: 2.1 ms
Remote clock offset: -16.211 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 21.299 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 21.299 ms
Loss rate: 0.17%
```

Run 4: Report of TCP Vegas — Data Link

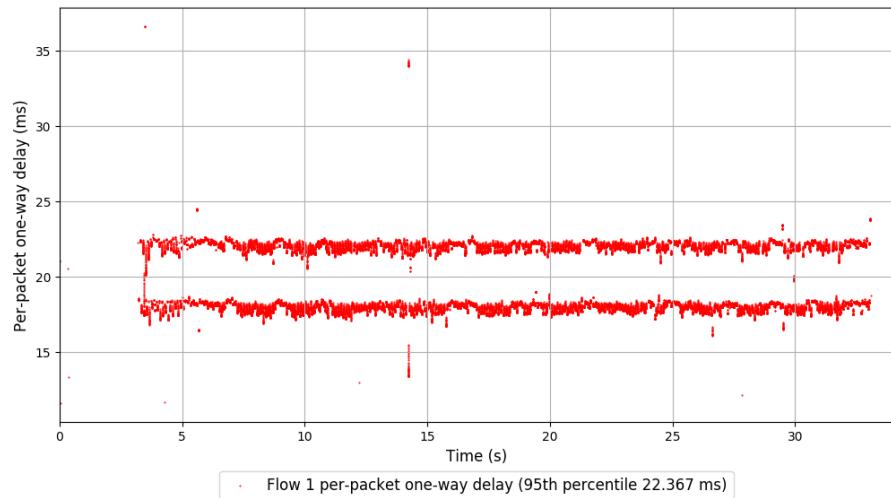
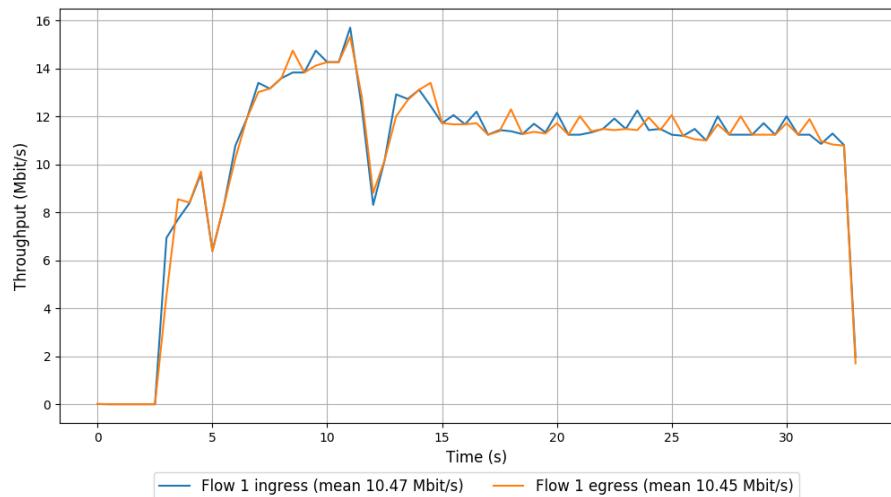


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:54:36 +0000
End at: Fri, 23 Jun 2017 21:55:06 +0000
Local clock offset: 1.858 ms
Remote clock offset: -14.536 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 22.367 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 22.367 ms
Loss rate: 0.32%
```

Run 5: Report of TCP Vegas — Data Link

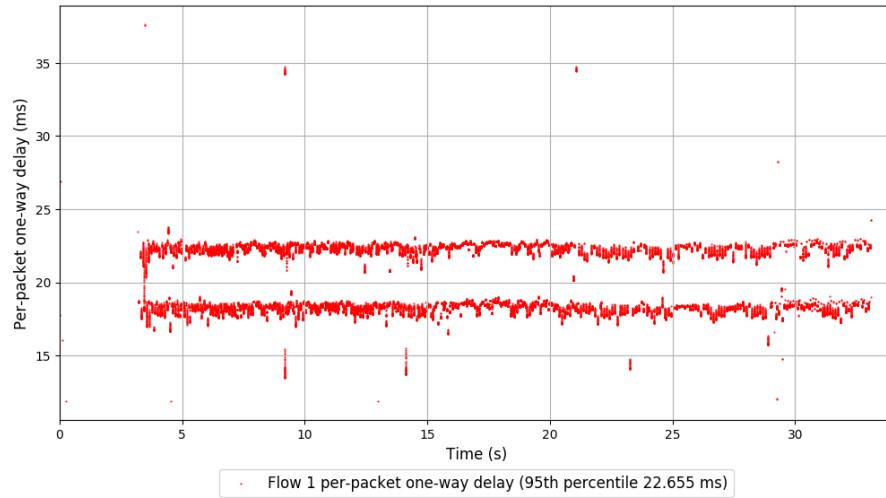
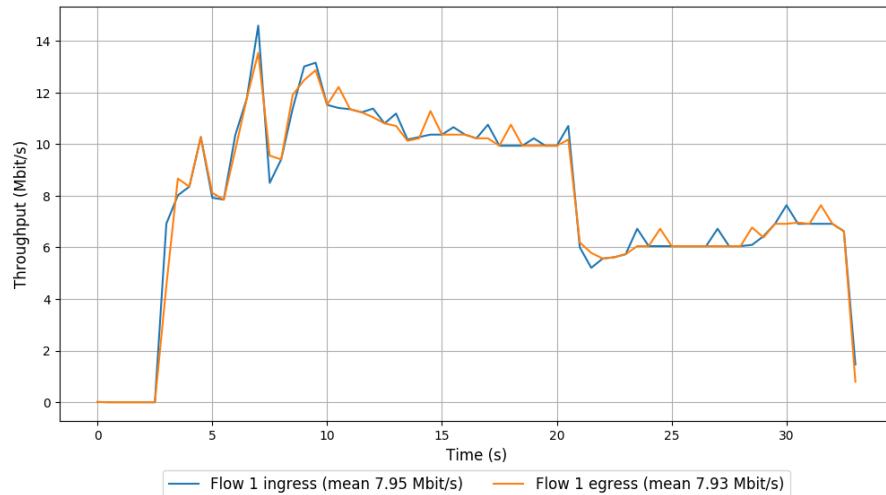


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 22:12:48 +0000
End at: Fri, 23 Jun 2017 22:13:18 +0000
Local clock offset: 4.678 ms
Remote clock offset: -14.649 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 22.655 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 22.655 ms
Loss rate: 0.44%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:31:05 +0000

End at: Fri, 23 Jun 2017 22:31:35 +0000

Local clock offset: 2.55 ms

Remote clock offset: -13.222 ms

Below is generated by plot.py at Sat, 24 Jun 2017 01:51:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.66 Mbit/s

95th percentile per-packet one-way delay: 21.121 ms

Loss rate: 0.72%

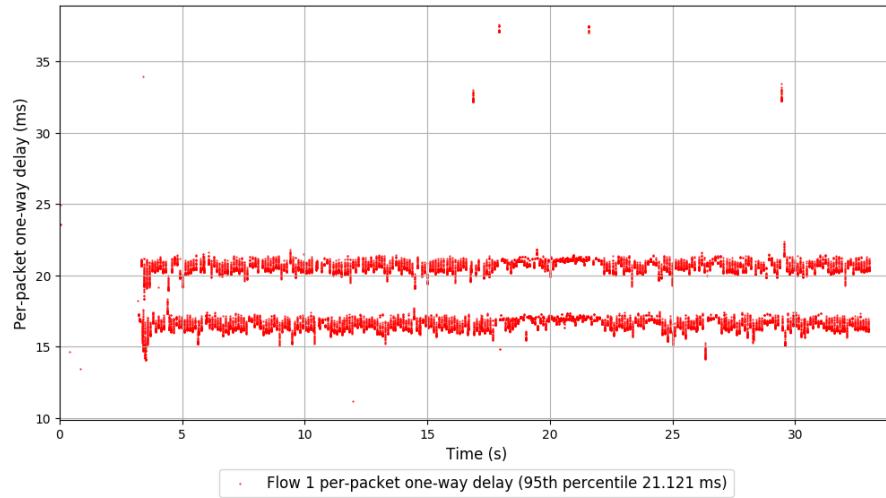
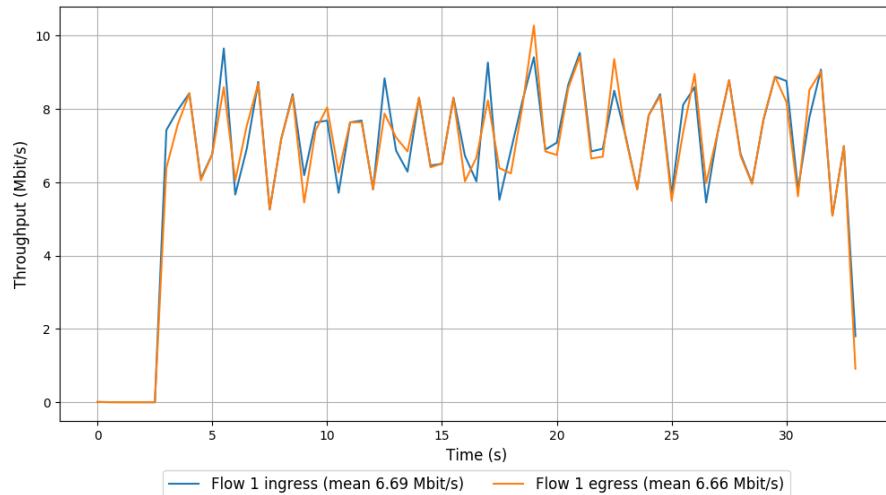
-- Flow 1:

Average throughput: 6.66 Mbit/s

95th percentile per-packet one-way delay: 21.121 ms

Loss rate: 0.72%

Run 7: Report of TCP Vegas — Data Link

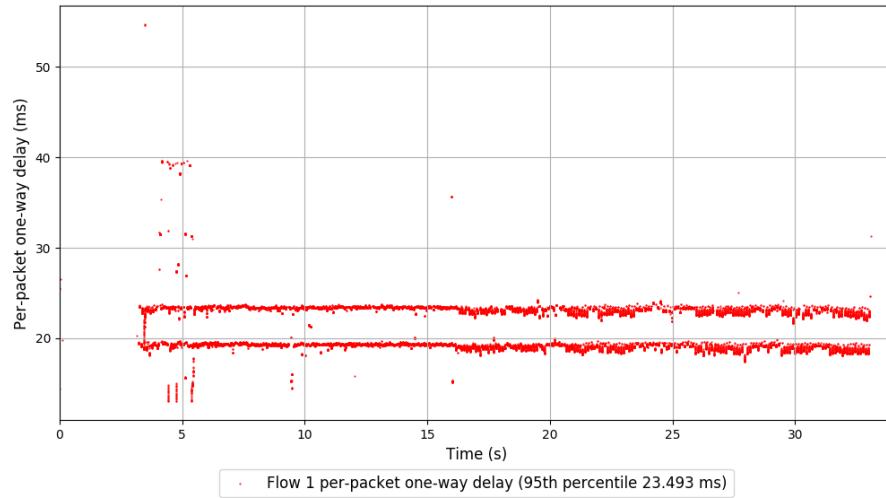
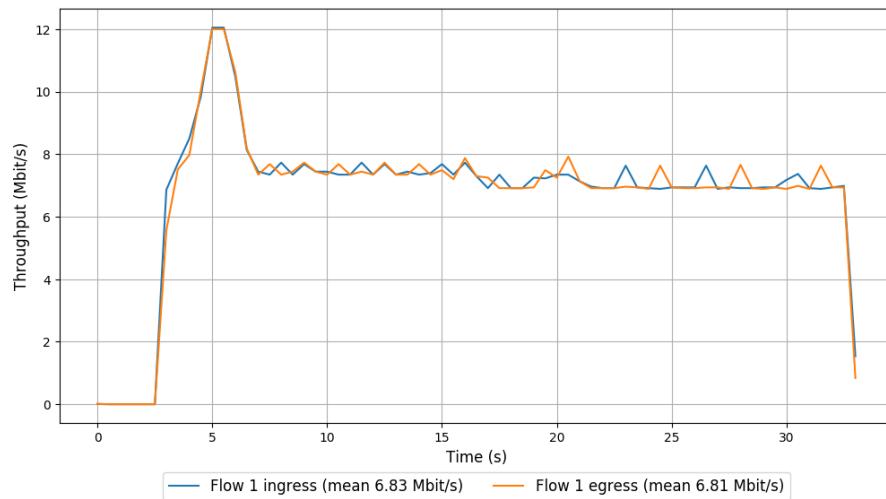


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 22:49:32 +0000
End at: Fri, 23 Jun 2017 22:50:02 +0000
Local clock offset: 2.743 ms
Remote clock offset: -16.013 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 23.493 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 23.493 ms
Loss rate: 0.47%
```

Run 8: Report of TCP Vegas — Data Link

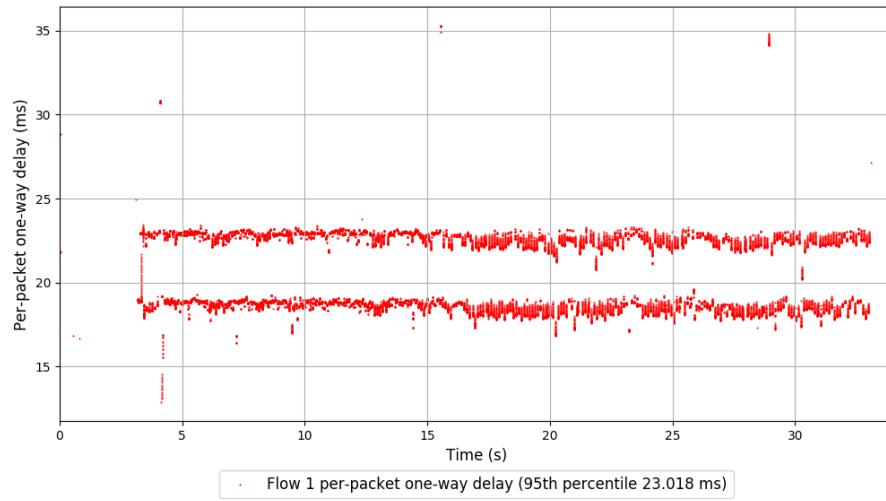
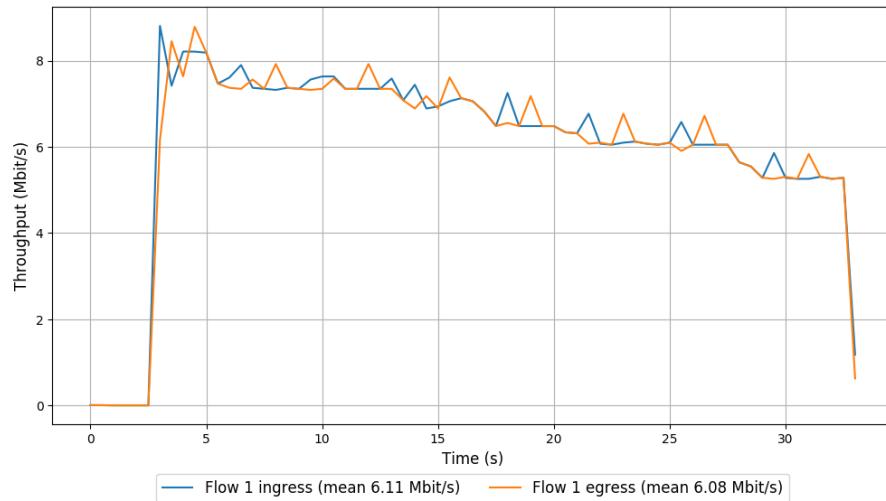


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 23:07:45 +0000
End at: Fri, 23 Jun 2017 23:08:15 +0000
Local clock offset: 1.63 ms
Remote clock offset: -13.937 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 23.018 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 23.018 ms
Loss rate: 0.53%
```

Run 9: Report of TCP Vegas — Data Link

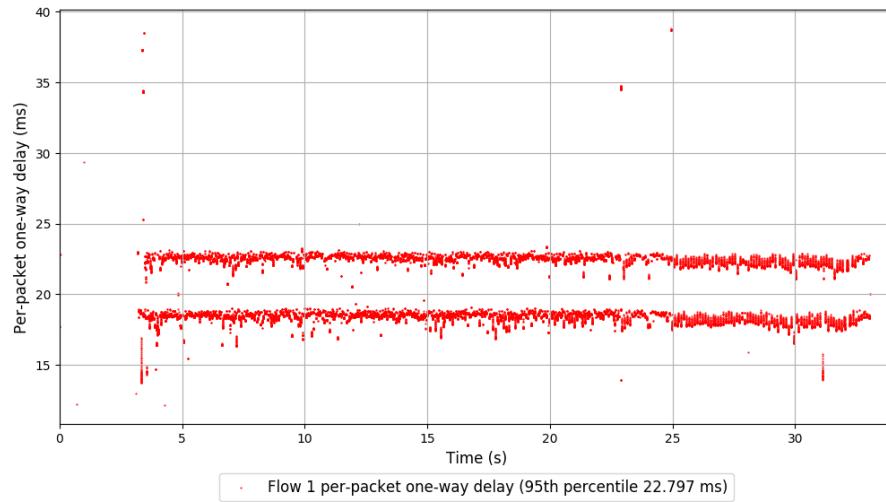
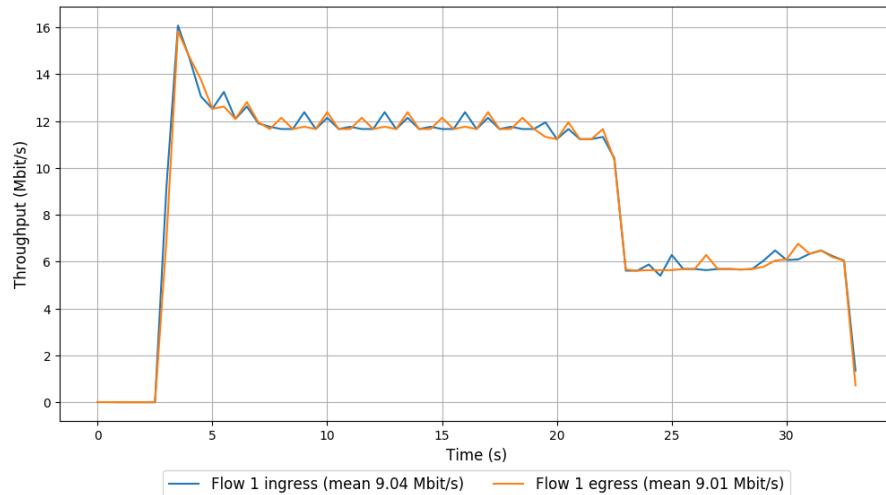


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 23:26:08 +0000
End at: Fri, 23 Jun 2017 23:26:38 +0000
Local clock offset: 4.182 ms
Remote clock offset: -17.361 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 22.797 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 22.797 ms
Loss rate: 0.41%
```

Run 10: Report of TCP Vegas — Data Link

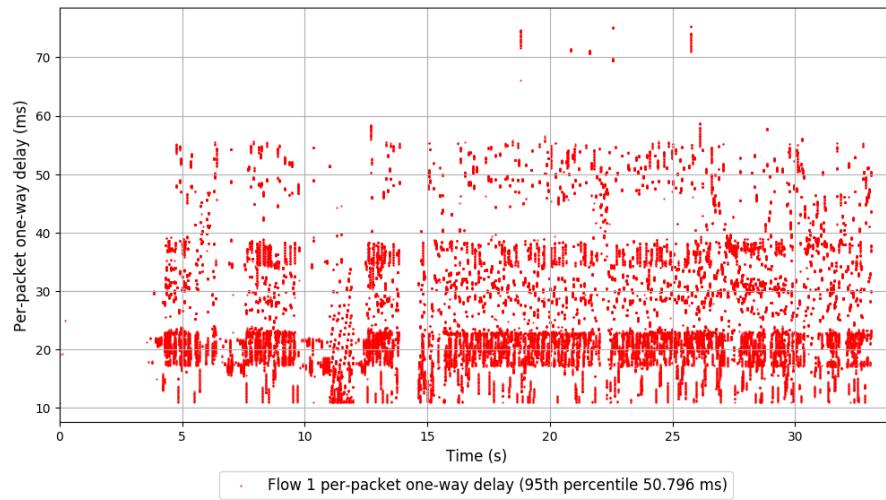
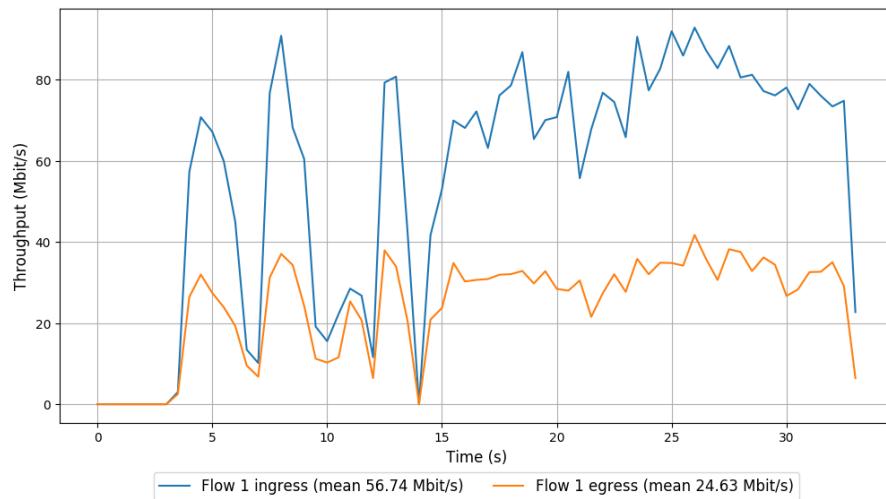


Run 1: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:42:28 +0000
End at: Fri, 23 Jun 2017 20:42:58 +0000
Local clock offset: 2.884 ms
Remote clock offset: -16.286 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 50.796 ms
Loss rate: 56.67%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 50.796 ms
Loss rate: 56.67%
```

Run 1: Report of Verus — Data Link

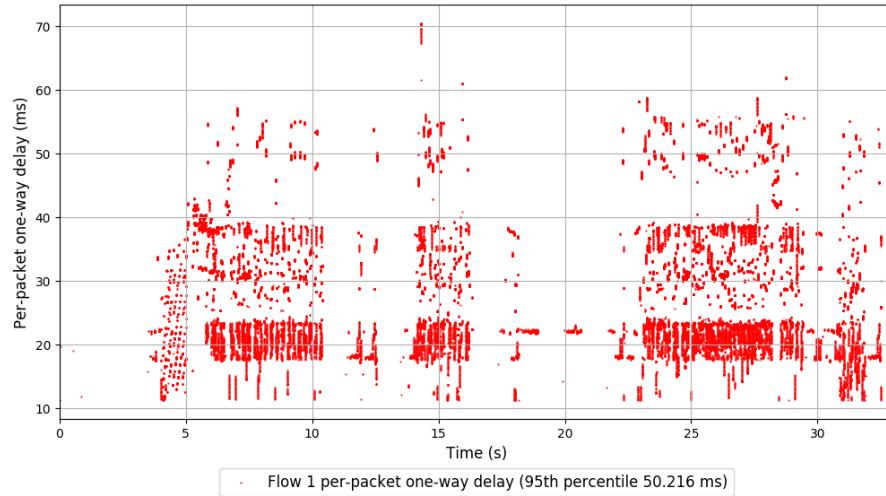
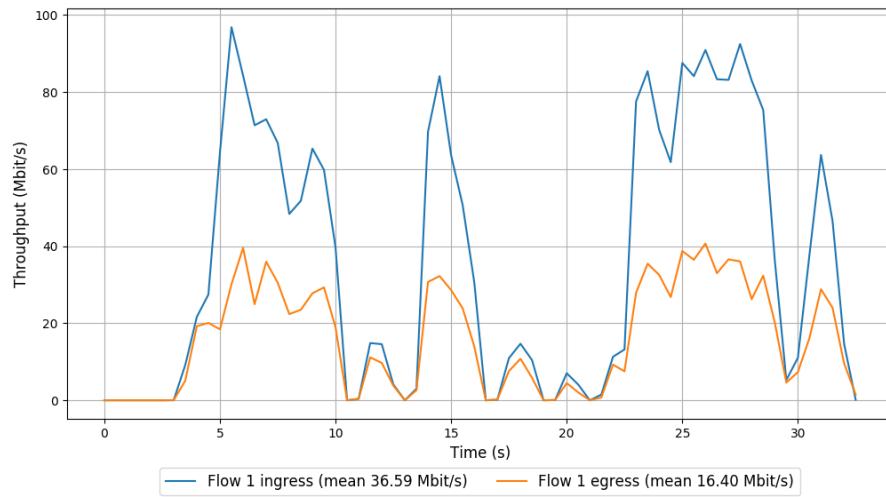


Run 2: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:00:55 +0000
End at: Fri, 23 Jun 2017 21:01:25 +0000
Local clock offset: 0.389 ms
Remote clock offset: -16.698 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 50.216 ms
Loss rate: 55.18%
-- Flow 1:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 50.216 ms
Loss rate: 55.18%
```

Run 2: Report of Verus — Data Link

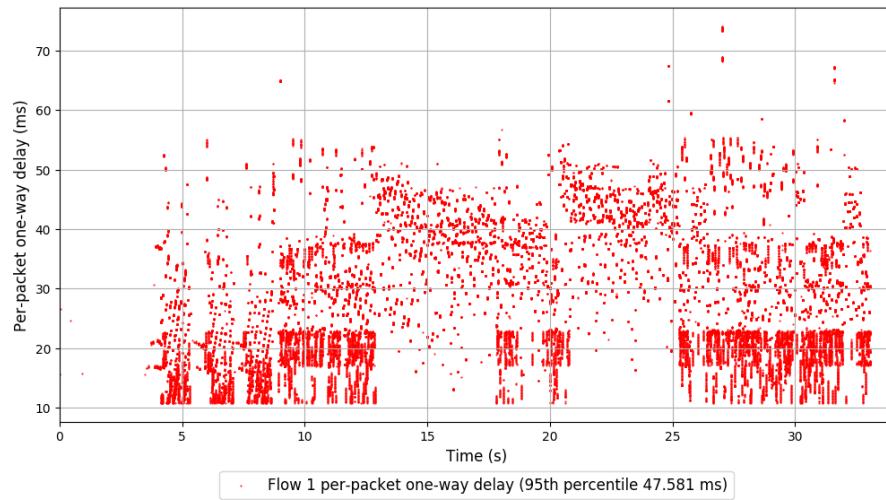
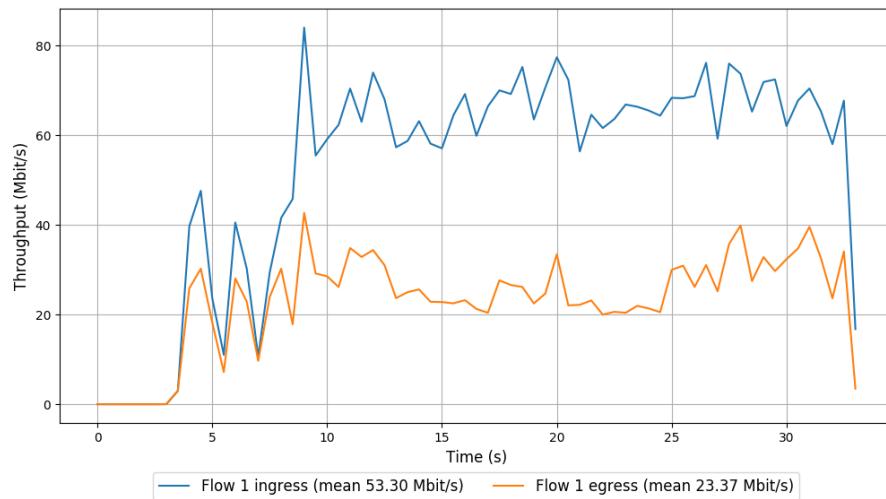


Run 3: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:19:20 +0000
End at: Fri, 23 Jun 2017 21:19:50 +0000
Local clock offset: 3.838 ms
Remote clock offset: -16.647 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 47.581 ms
Loss rate: 56.19%
-- Flow 1:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 47.581 ms
Loss rate: 56.19%
```

Run 3: Report of Verus — Data Link

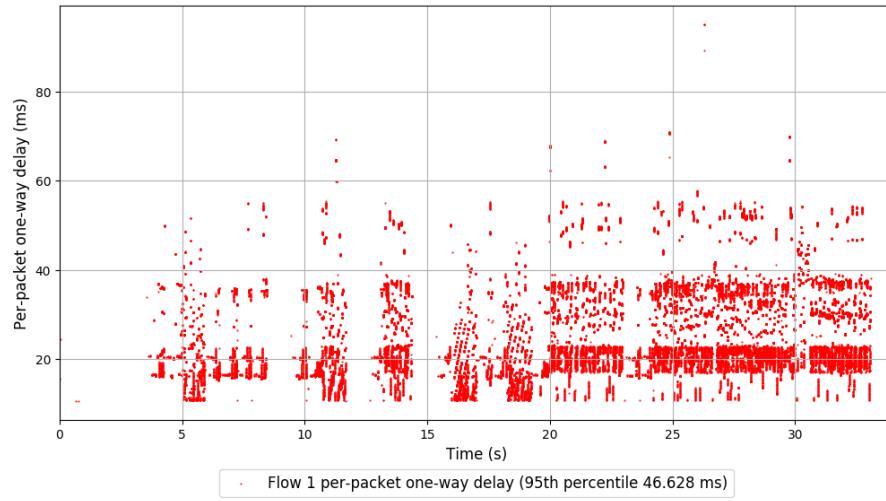
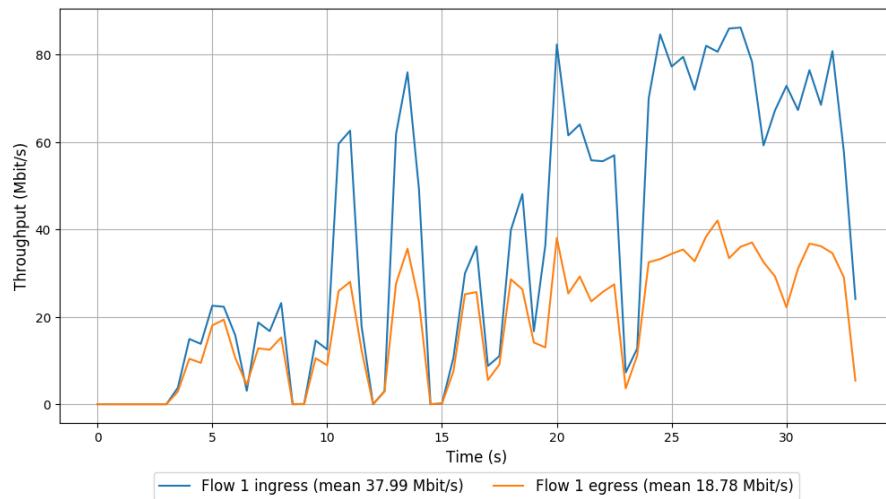


Run 4: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:37:36 +0000
End at: Fri, 23 Jun 2017 21:38:06 +0000
Local clock offset: 1.21 ms
Remote clock offset: -16.425 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.78 Mbit/s
95th percentile per-packet one-way delay: 46.628 ms
Loss rate: 50.64%
-- Flow 1:
Average throughput: 18.78 Mbit/s
95th percentile per-packet one-way delay: 46.628 ms
Loss rate: 50.64%
```

Run 4: Report of Verus — Data Link

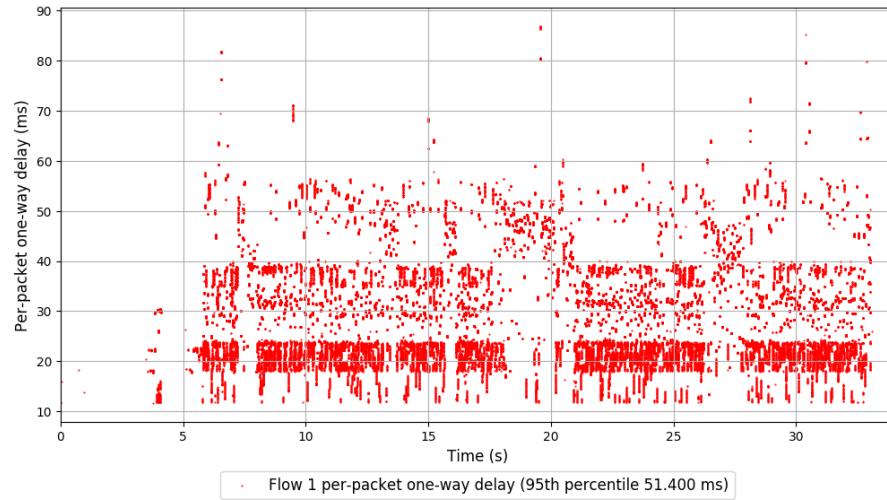
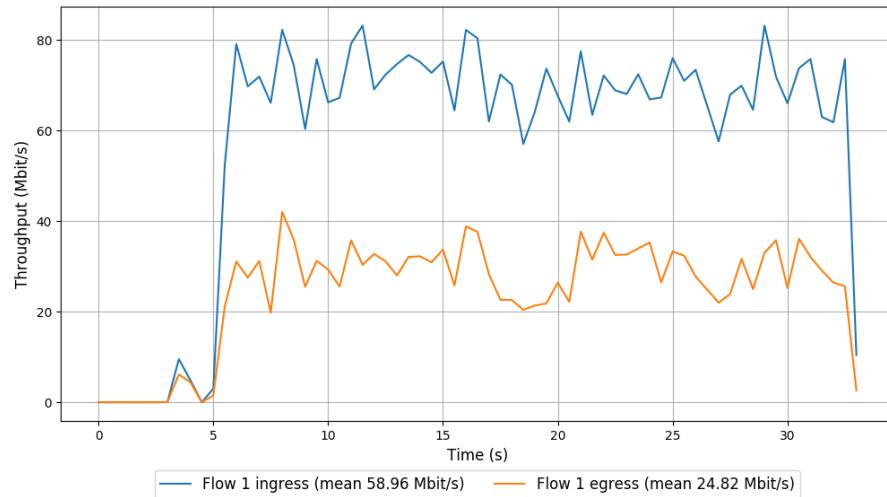


Run 5: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:55:46 +0000
End at: Fri, 23 Jun 2017 21:56:16 +0000
Local clock offset: 6.729 ms
Remote clock offset: -16.638 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 51.400 ms
Loss rate: 57.93%
-- Flow 1:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 51.400 ms
Loss rate: 57.93%
```

Run 5: Report of Verus — Data Link

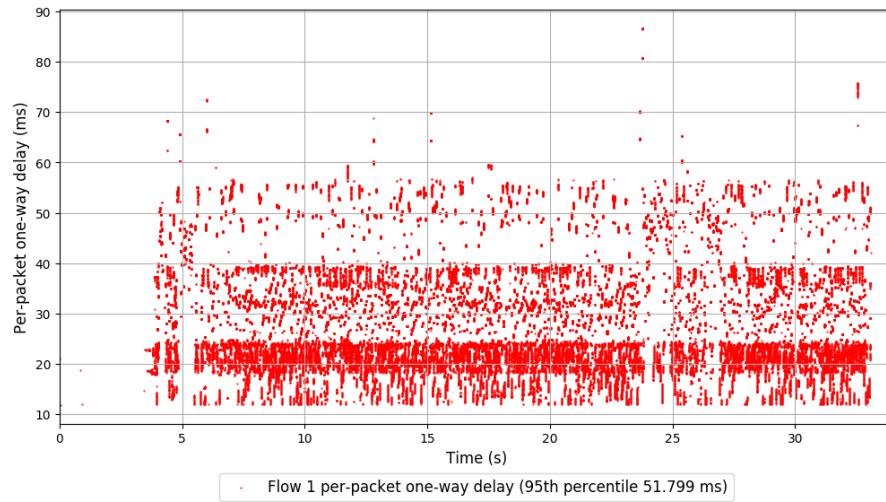
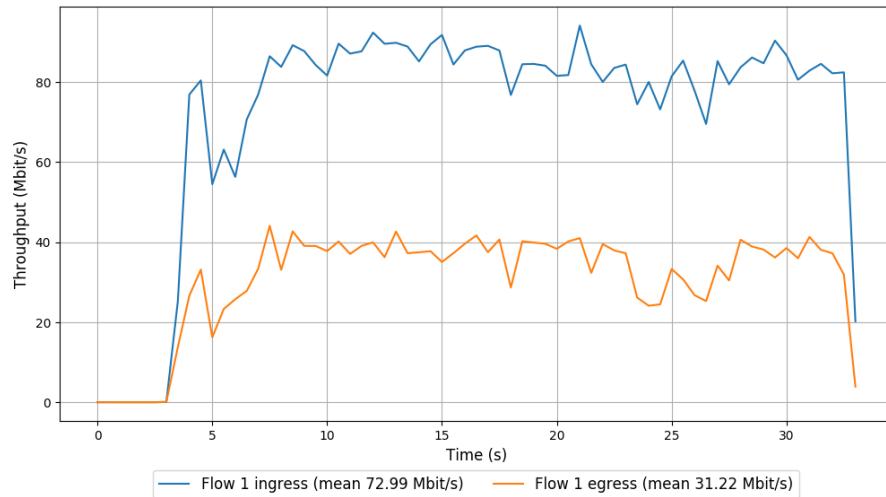


Run 6: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:13:58 +0000
End at: Fri, 23 Jun 2017 22:14:28 +0000
Local clock offset: 5.129 ms
Remote clock offset: -13.926 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 51.799 ms
Loss rate: 57.29%
-- Flow 1:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 51.799 ms
Loss rate: 57.29%
```

Run 6: Report of Verus — Data Link

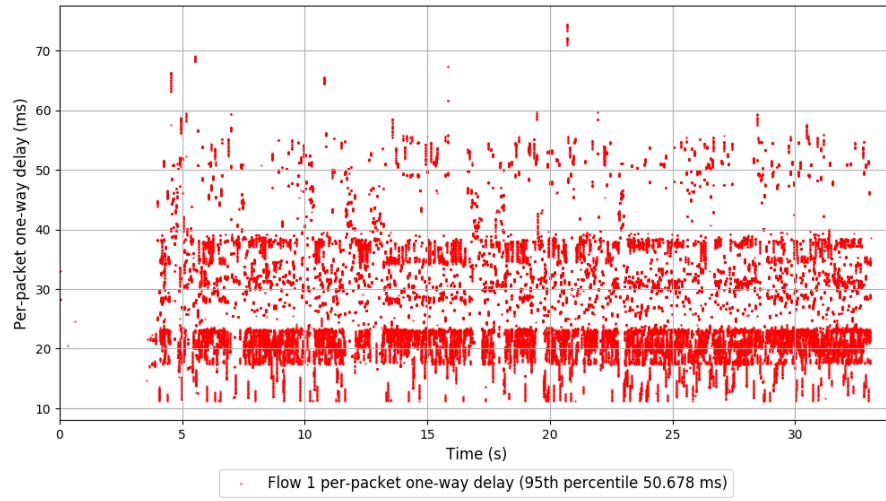
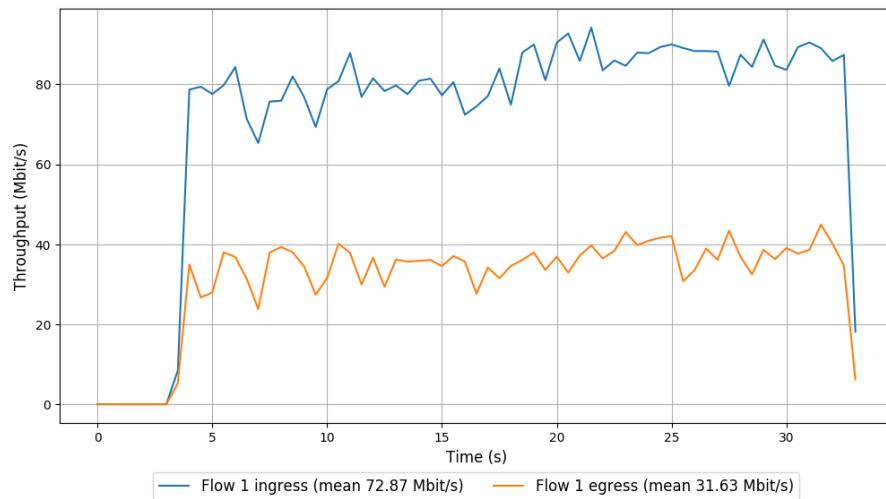


Run 7: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:32:16 +0000
End at: Fri, 23 Jun 2017 22:32:46 +0000
Local clock offset: 5.191 ms
Remote clock offset: -14.517 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 50.678 ms
Loss rate: 56.66%
-- Flow 1:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 50.678 ms
Loss rate: 56.66%
```

Run 7: Report of Verus — Data Link

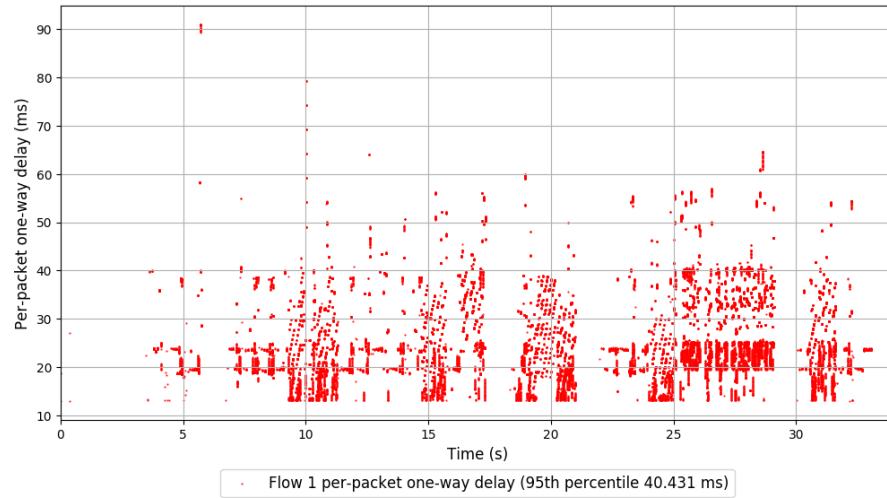
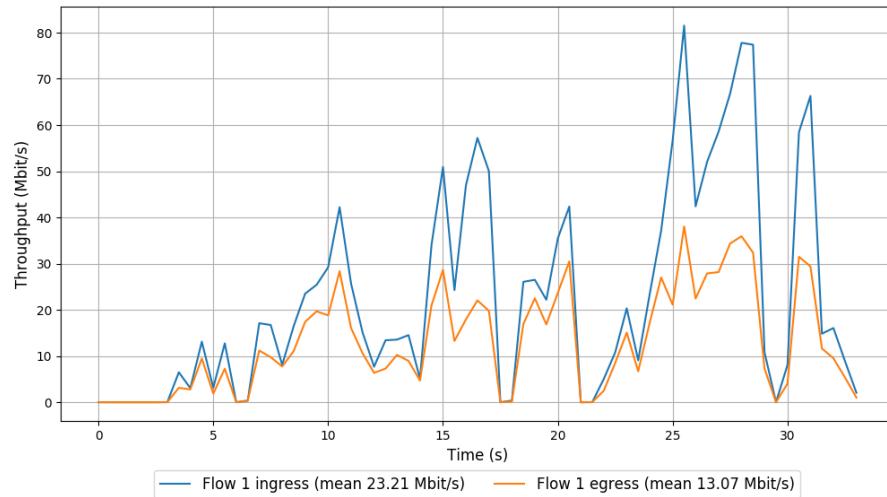


Run 8: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:50:41 +0000
End at: Fri, 23 Jun 2017 22:51:11 +0000
Local clock offset: 4.529 ms
Remote clock offset: -13.543 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 43.71%
-- Flow 1:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 43.71%
```

Run 8: Report of Verus — Data Link

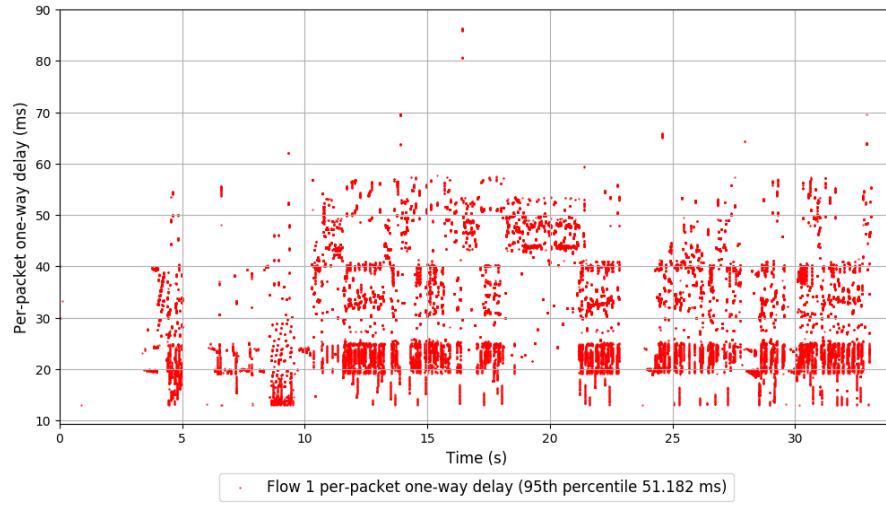
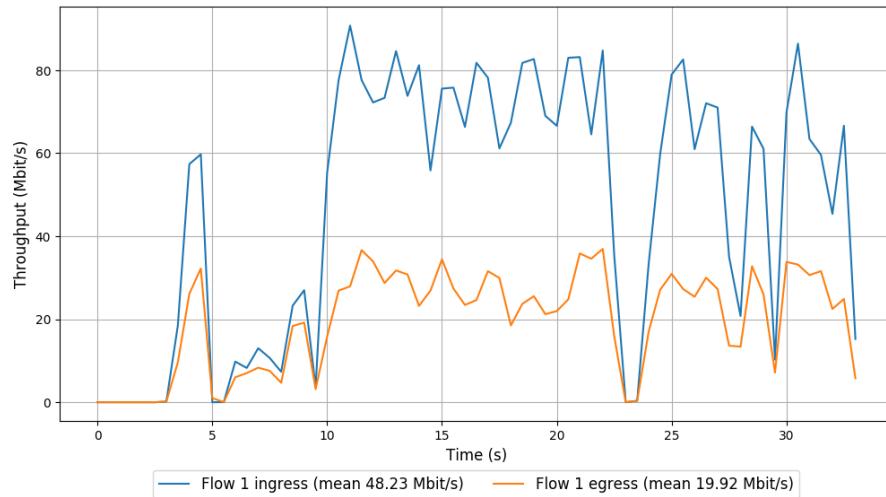


Run 9: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 23:08:55 +0000
End at: Fri, 23 Jun 2017 23:09:25 +0000
Local clock offset: -0.286 ms
Remote clock offset: -15.331 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.92 Mbit/s
95th percentile per-packet one-way delay: 51.182 ms
Loss rate: 58.80%
-- Flow 1:
Average throughput: 19.92 Mbit/s
95th percentile per-packet one-way delay: 51.182 ms
Loss rate: 58.80%
```

Run 9: Report of Verus — Data Link

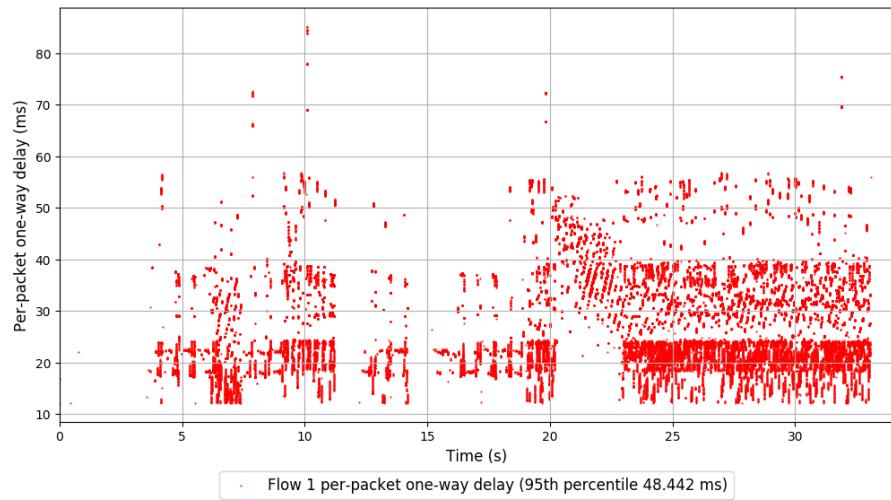
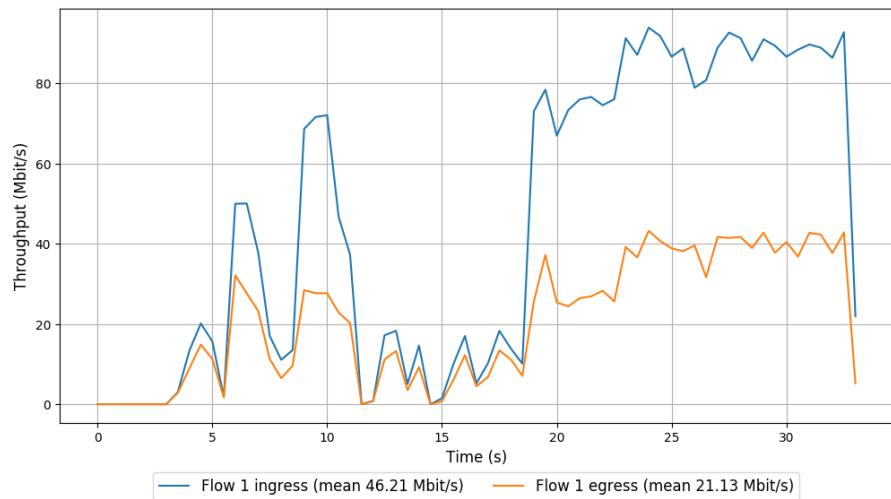


Run 10: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 23:27:18 +0000
End at: Fri, 23 Jun 2017 23:27:48 +0000
Local clock offset: 4.663 ms
Remote clock offset: -13.935 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 48.442 ms
Loss rate: 54.34%
-- Flow 1:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 48.442 ms
Loss rate: 54.34%
```

Run 10: Report of Verus — Data Link

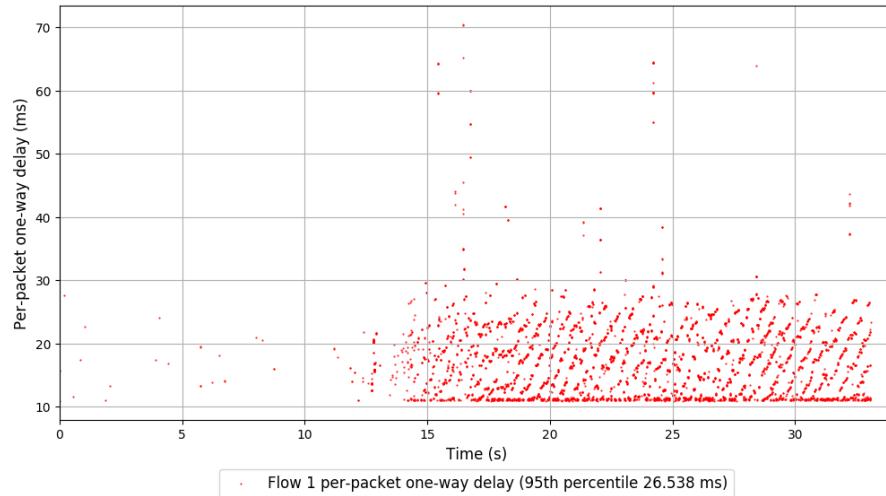
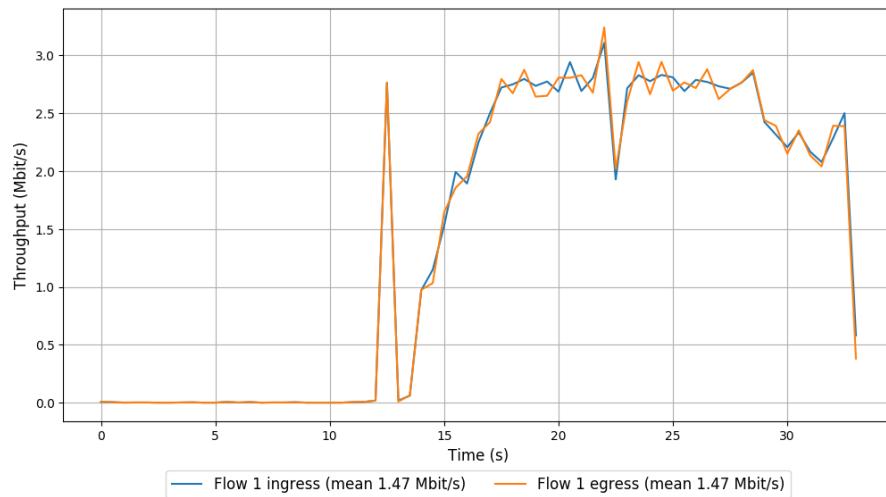


```
Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:35:13 +0000
End at: Fri, 23 Jun 2017 20:35:43 +0000
Local clock offset: 6.12 ms
Remote clock offset: -17.825 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 26.538 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 26.538 ms
Loss rate: 0.32%
```

Run 1: Report of WebRTC media — Data Link

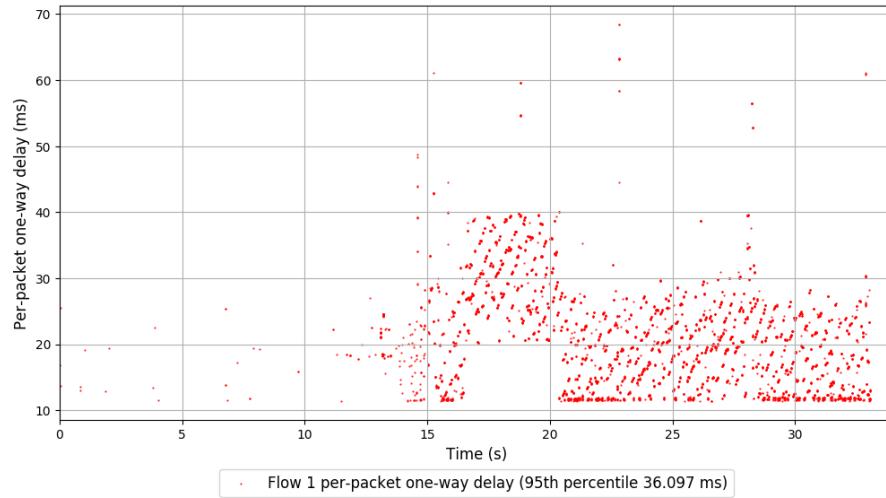
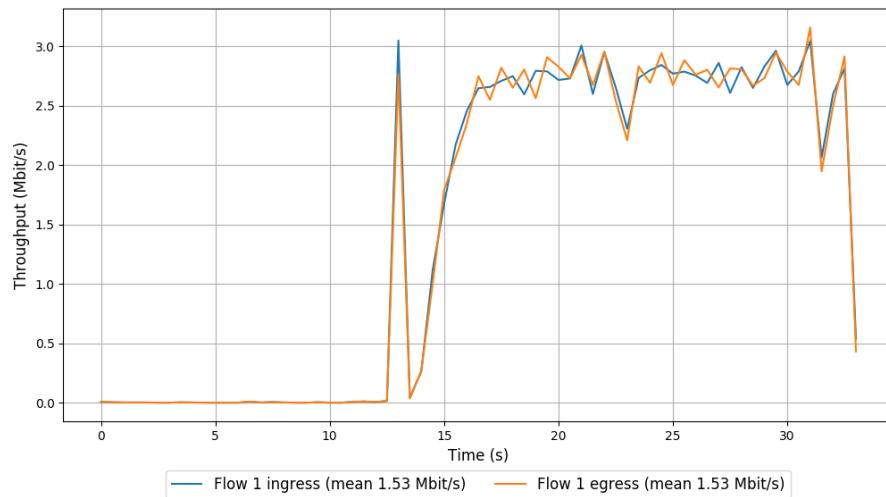


```
Run 2: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:53:38 +0000
End at: Fri, 23 Jun 2017 20:54:08 +0000
Local clock offset: 2.402 ms
Remote clock offset: -19.41 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 36.097 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 36.097 ms
Loss rate: 0.51%
```

Run 2: Report of WebRTC media — Data Link

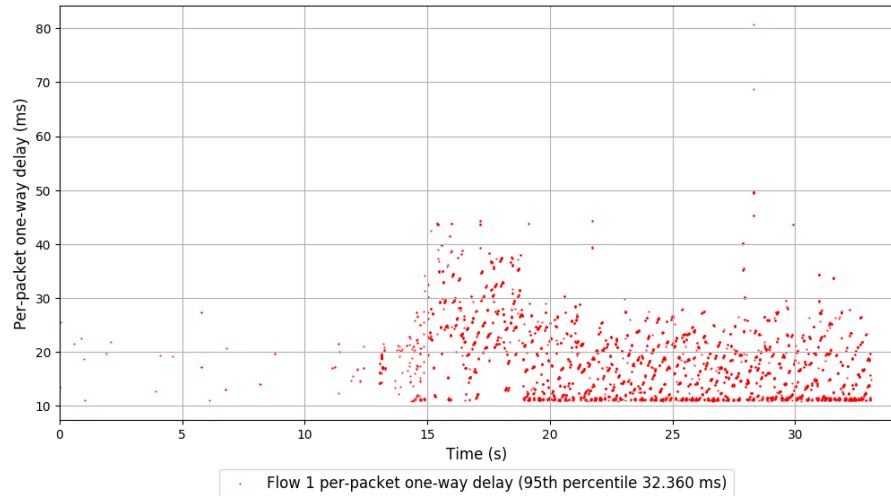
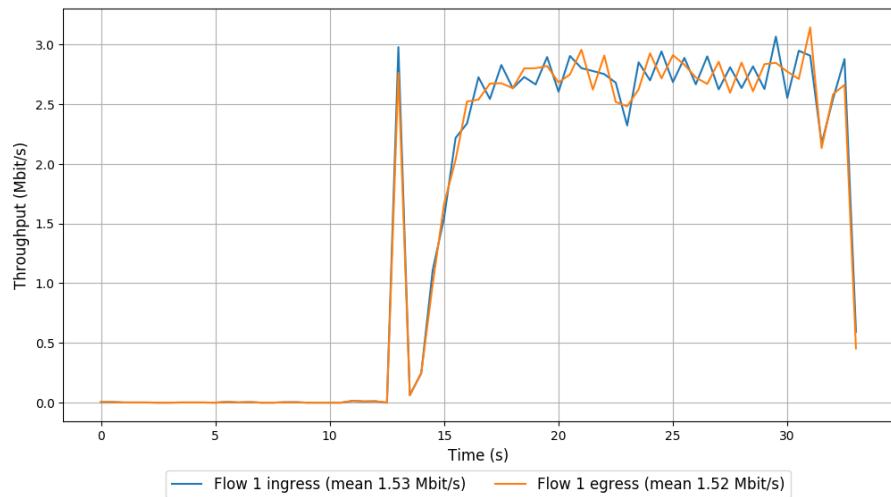


```
Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:12:02 +0000
End at: Fri, 23 Jun 2017 21:12:32 +0000
Local clock offset: 1.673 ms
Remote clock offset: -14.366 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 32.360 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 32.360 ms
Loss rate: 0.56%
```

Run 3: Report of WebRTC media — Data Link

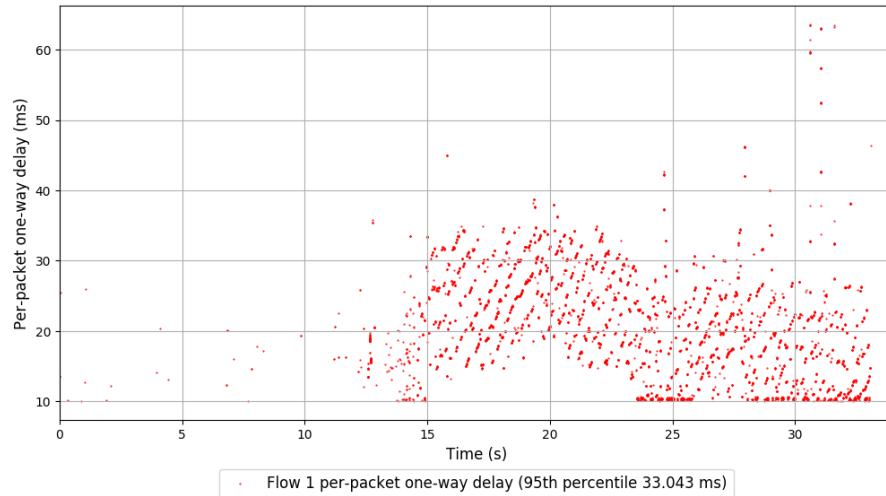
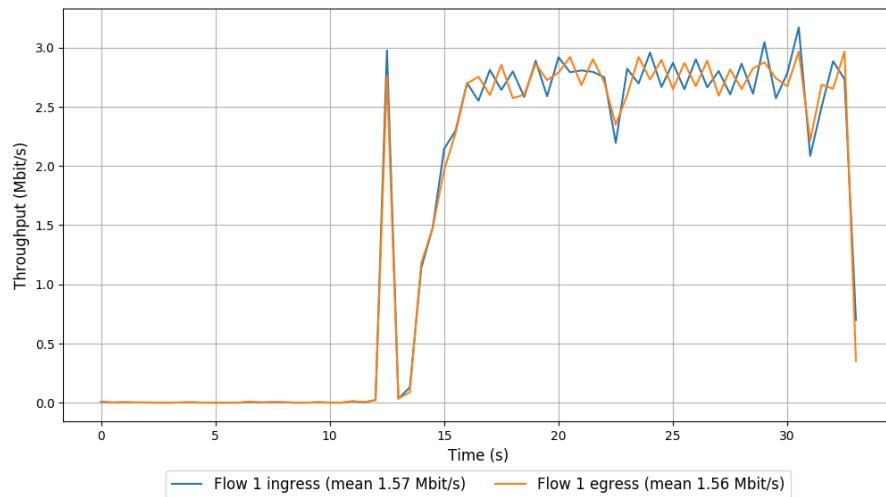


```
Run 4: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:30:28 +0000
End at: Fri, 23 Jun 2017 21:30:58 +0000
Local clock offset: 4.504 ms
Remote clock offset: -16.151 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 33.043 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 33.043 ms
Loss rate: 0.54%
```

Run 4: Report of WebRTC media — Data Link

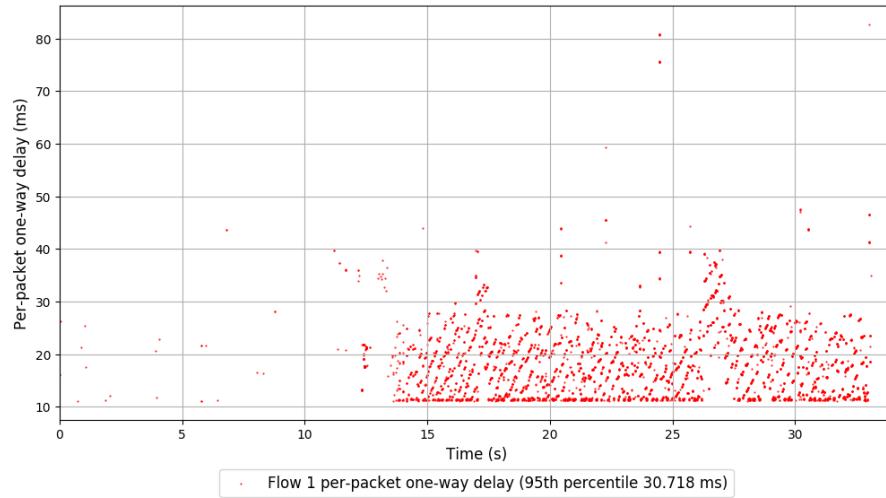
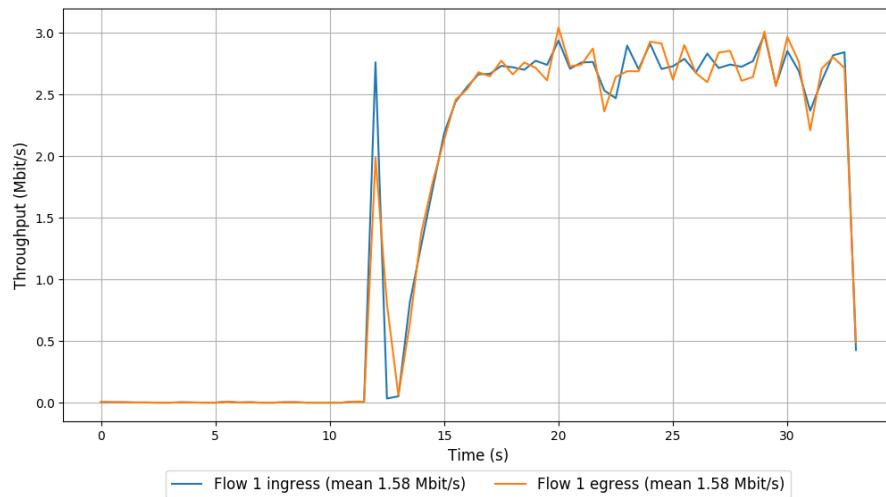


```
Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:48:37 +0000
End at: Fri, 23 Jun 2017 21:49:07 +0000
Local clock offset: 5.527 ms
Remote clock offset: -16.135 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 30.718 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 30.718 ms
Loss rate: 0.17%
```

Run 5: Report of WebRTC media — Data Link

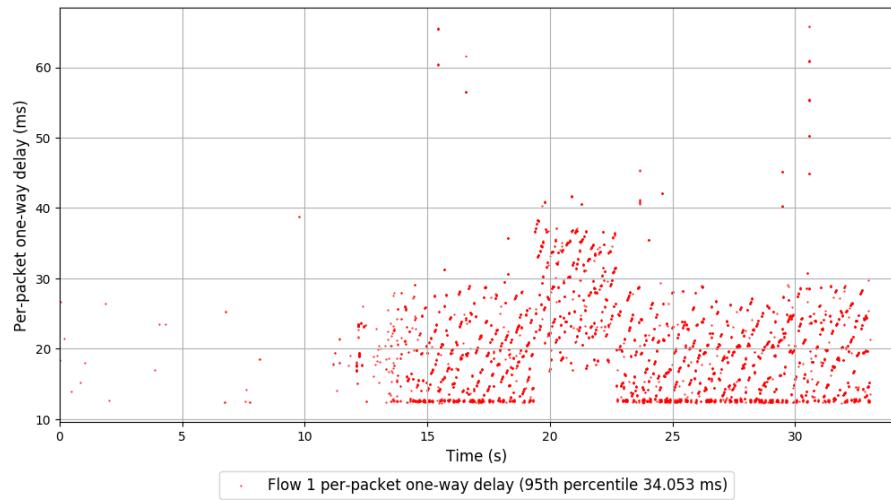
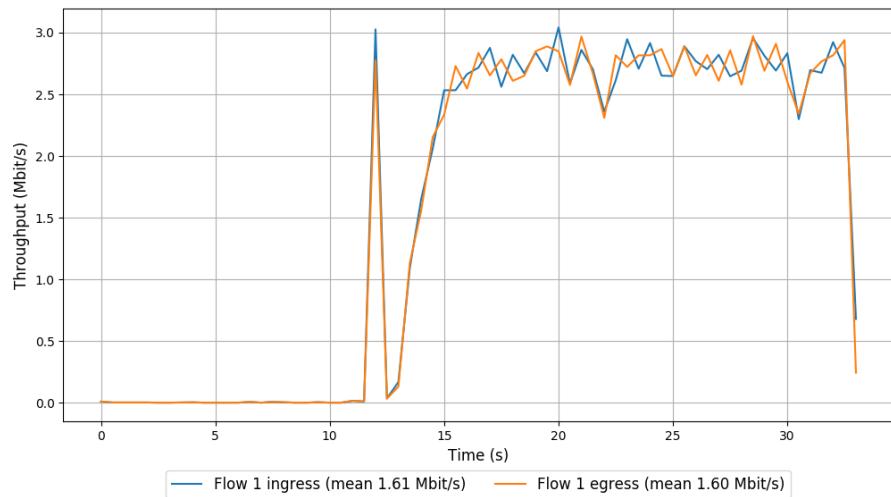


```
Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:06:51 +0000
End at: Fri, 23 Jun 2017 22:07:21 +0000
Local clock offset: 5.153 ms
Remote clock offset: -14.392 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 34.053 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 34.053 ms
Loss rate: 0.64%
```

Run 6: Report of WebRTC media — Data Link

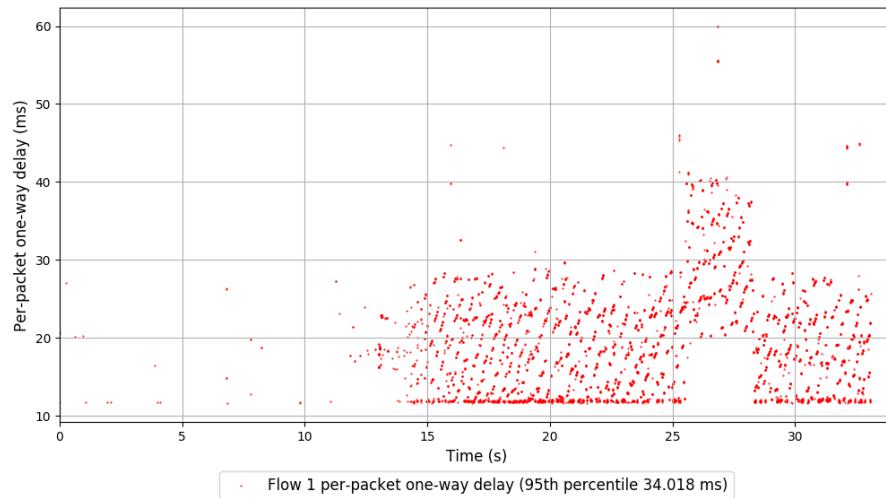
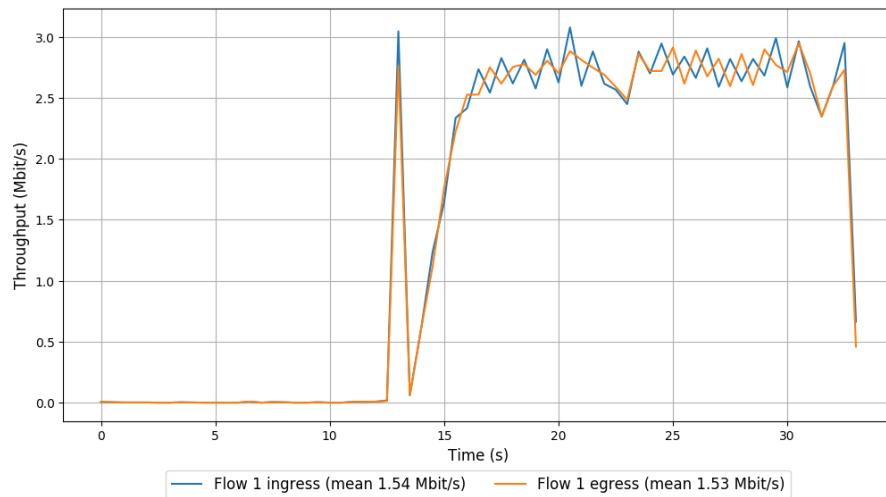


```
Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:25:04 +0000
End at: Fri, 23 Jun 2017 22:25:34 +0000
Local clock offset: 5.334 ms
Remote clock offset: -13.225 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:53:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 34.018 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 34.018 ms
Loss rate: 0.70%
```

Run 7: Report of WebRTC media — Data Link

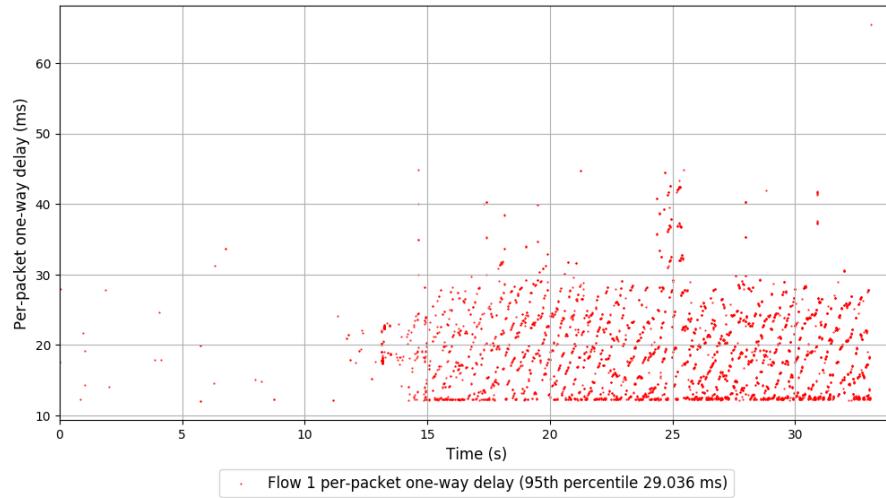
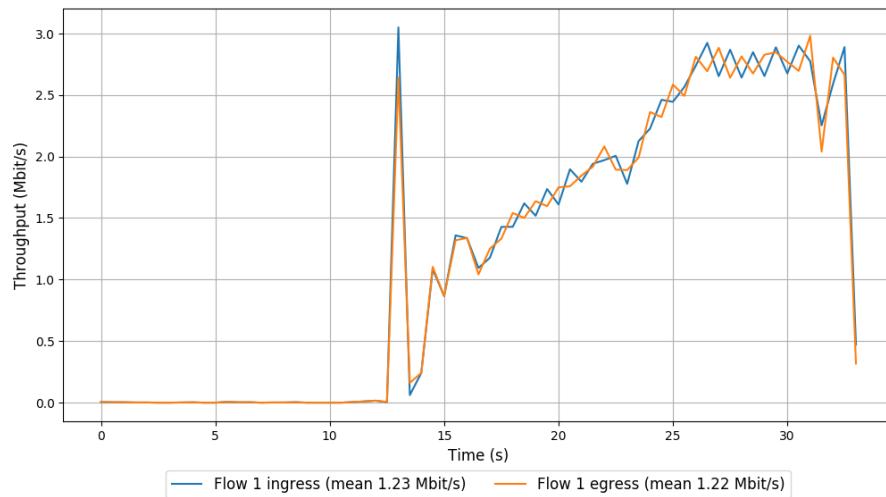


```
Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:43:32 +0000
End at: Fri, 23 Jun 2017 22:44:02 +0000
Local clock offset: 4.522 ms
Remote clock offset: -14.971 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 29.036 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 29.036 ms
Loss rate: 0.82%
```

Run 8: Report of WebRTC media — Data Link

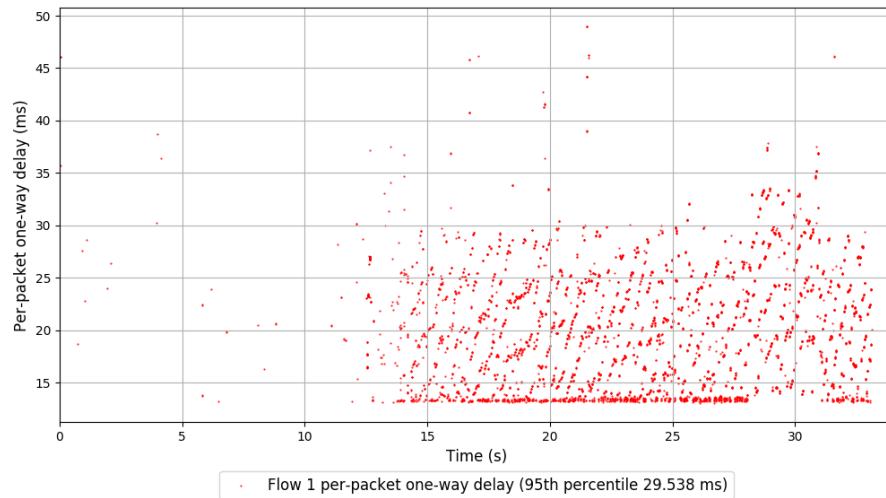
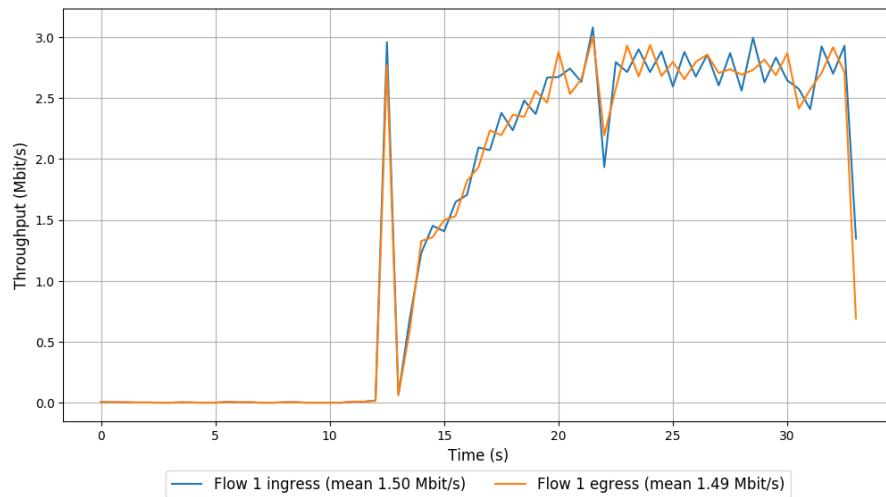


```
Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:01:40 +0000
End at: Fri, 23 Jun 2017 23:02:10 +0000
Local clock offset: 5.016 ms
Remote clock offset: -15.124 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 29.538 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 29.538 ms
Loss rate: 1.07%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:20:04 +0000
End at: Fri, 23 Jun 2017 23:20:34 +0000
Local clock offset: 2.89 ms
Remote clock offset: -15.996 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 28.242 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 28.242 ms
Loss rate: 0.40%
```

Run 10: Report of WebRTC media — Data Link

