

Pantheon Summary (Generated at Tue, 04 Jul 2017 08:09:58 +0000 with
pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

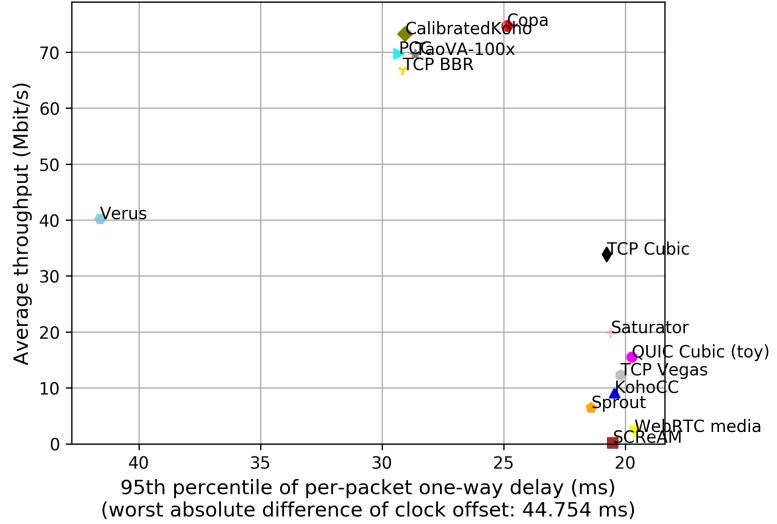
Each test lasted for 30 seconds running 1 flow.

Data path **from** Colombia Ethernet **to** AWS Brazil 2 Ethernet.

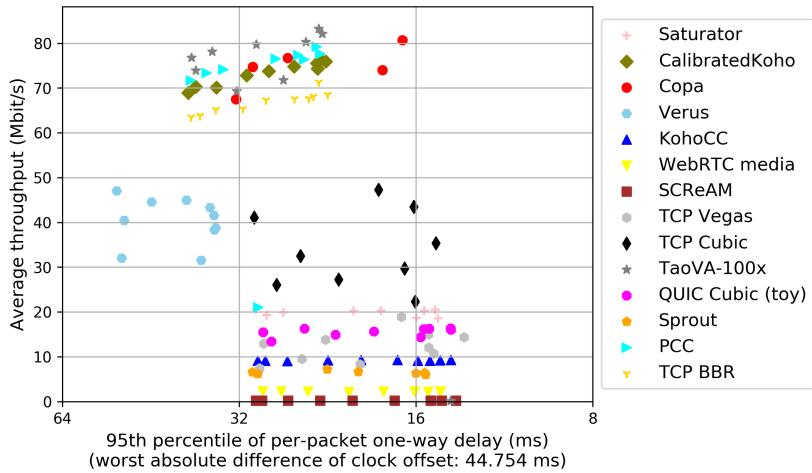
NTP offset measured against gps.ntp.br.

```
git branch: master @ 55ce618ef3153403f57ca06ffe894ed6887bd36f
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
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
```

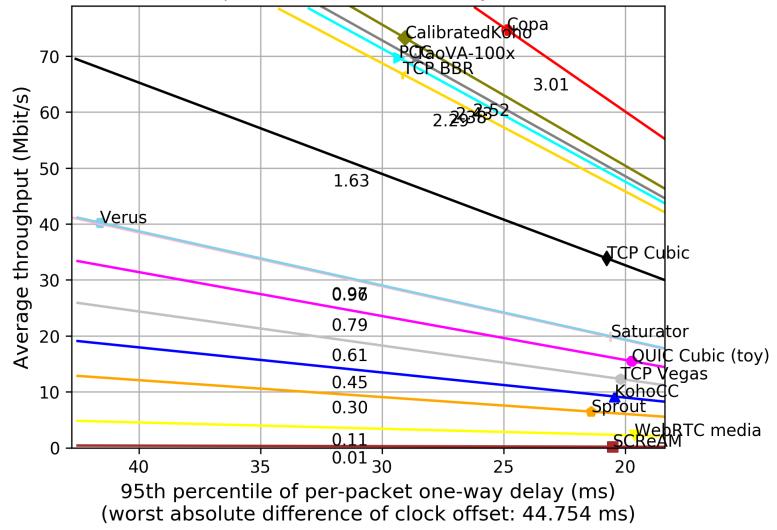
test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme



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



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

```
Start at: Tue, 04 Jul 2017 04:36:23 +0000
```

```
End at: Tue, 04 Jul 2017 04:36:53 +0000
```

```
Local clock offset: 0.137 ms
```

```
Remote clock offset: -28.549 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:01:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 63.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.643 ms
```

```
Loss rate: 6.61%
```

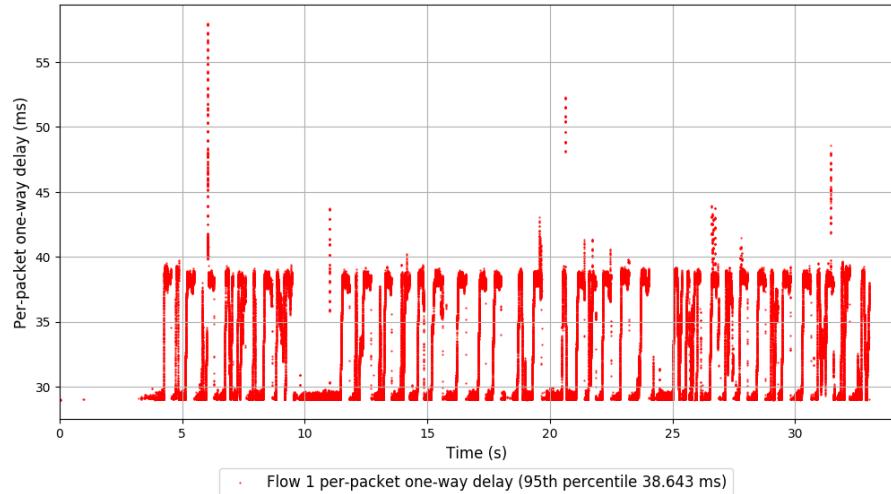
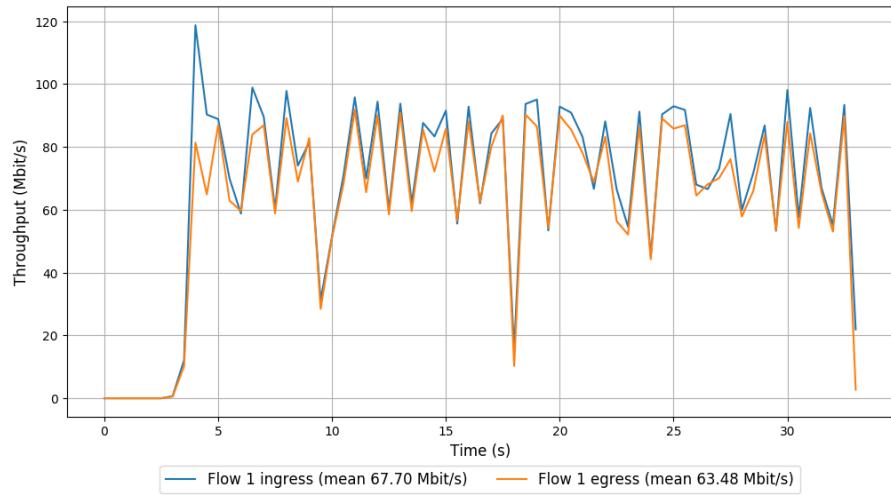
```
-- Flow 1:
```

```
Average throughput: 63.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.643 ms
```

```
Loss rate: 6.61%
```

Run 1: Report of TCP BBR — Data Link

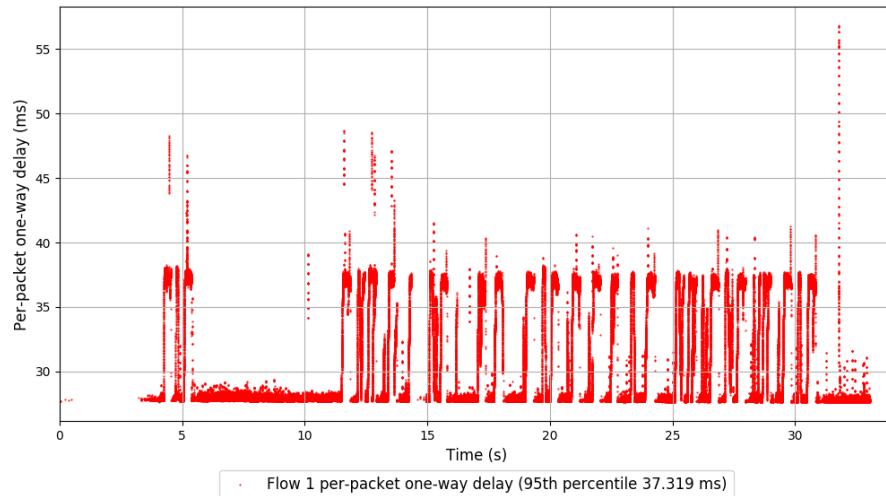
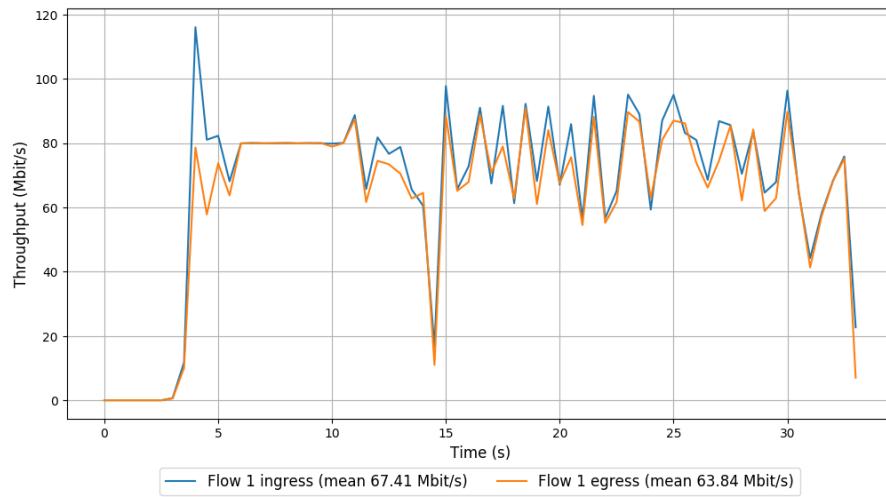


Run 2: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:53:57 +0000
End at: Tue, 04 Jul 2017 04:54:27 +0000
Local clock offset: 0.227 ms
Remote clock offset: -28.978 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:01:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.84 Mbit/s
95th percentile per-packet one-way delay: 37.319 ms
Loss rate: 5.62%
-- Flow 1:
Average throughput: 63.84 Mbit/s
95th percentile per-packet one-way delay: 37.319 ms
Loss rate: 5.62%
```

Run 2: Report of TCP BBR — Data Link

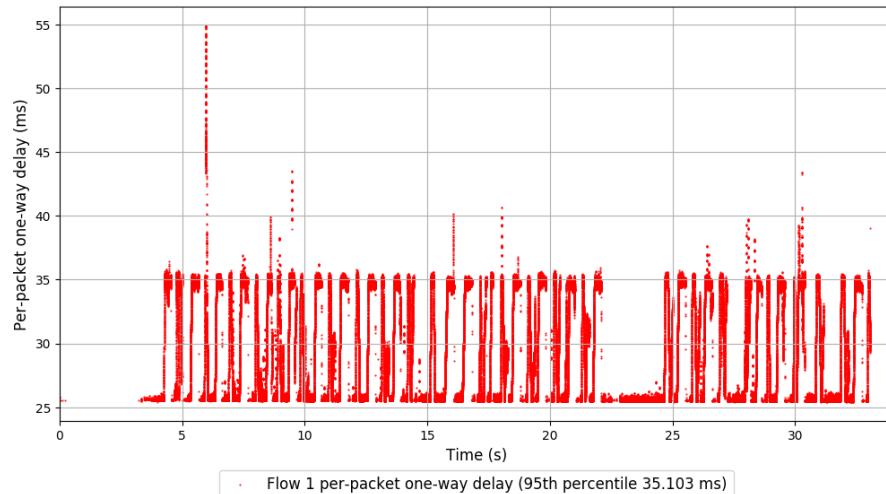
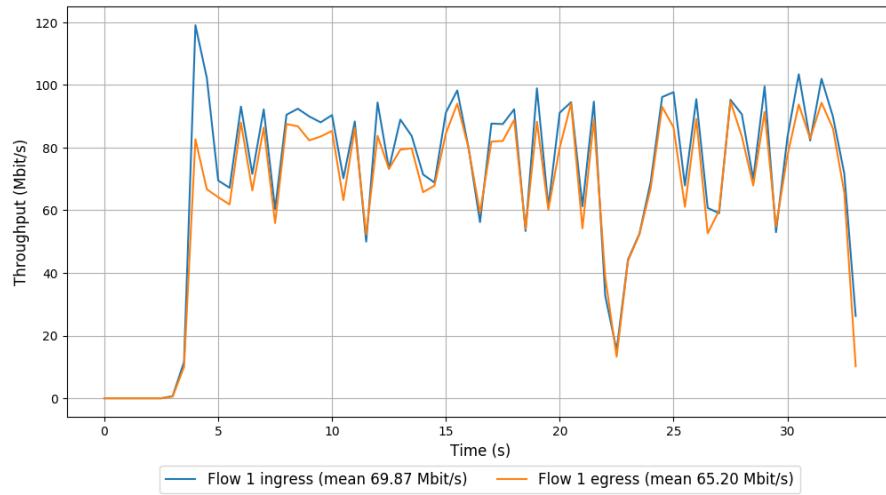


Run 3: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:11:23 +0000
End at: Tue, 04 Jul 2017 05:11:53 +0000
Local clock offset: 0.225 ms
Remote clock offset: -32.761 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:01:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 35.103 ms
Loss rate: 6.99%
-- Flow 1:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 35.103 ms
Loss rate: 6.99%
```

Run 3: Report of TCP BBR — Data Link

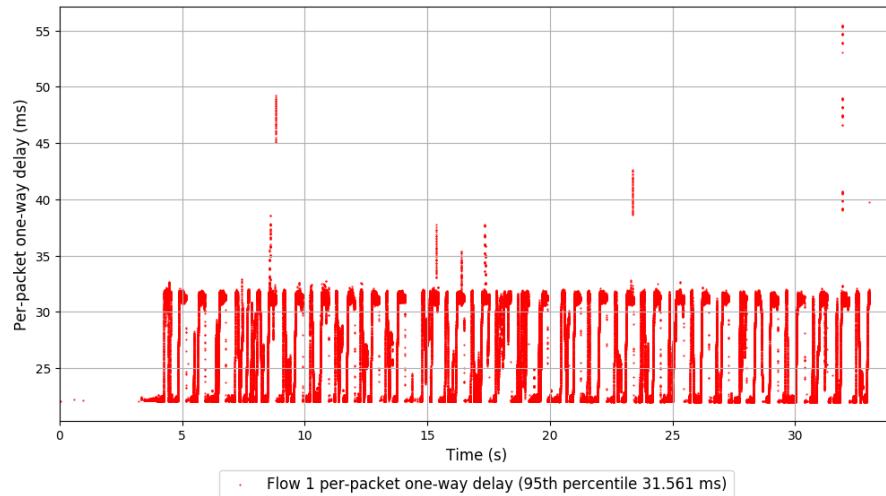
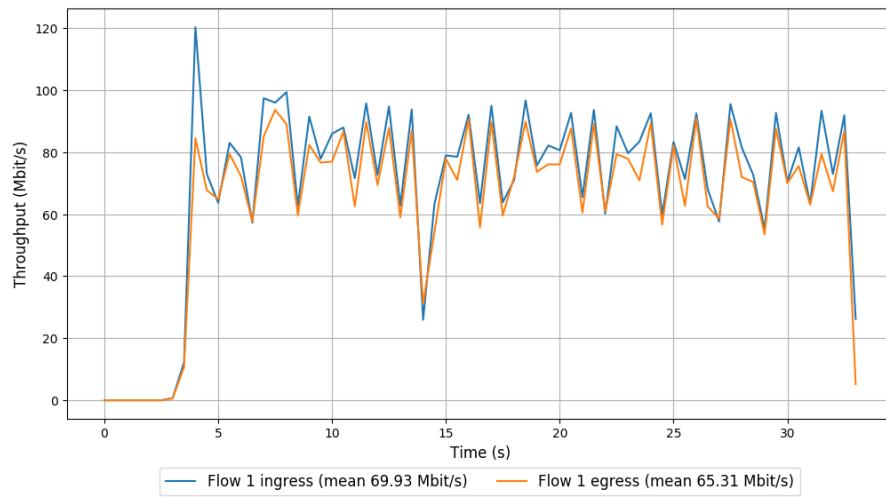


Run 4: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:28:54 +0000
End at: Tue, 04 Jul 2017 05:29:24 +0000
Local clock offset: 0.186 ms
Remote clock offset: -36.307 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:01:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.31 Mbit/s
95th percentile per-packet one-way delay: 31.561 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 65.31 Mbit/s
95th percentile per-packet one-way delay: 31.561 ms
Loss rate: 6.91%
```

Run 4: Report of TCP BBR — Data Link

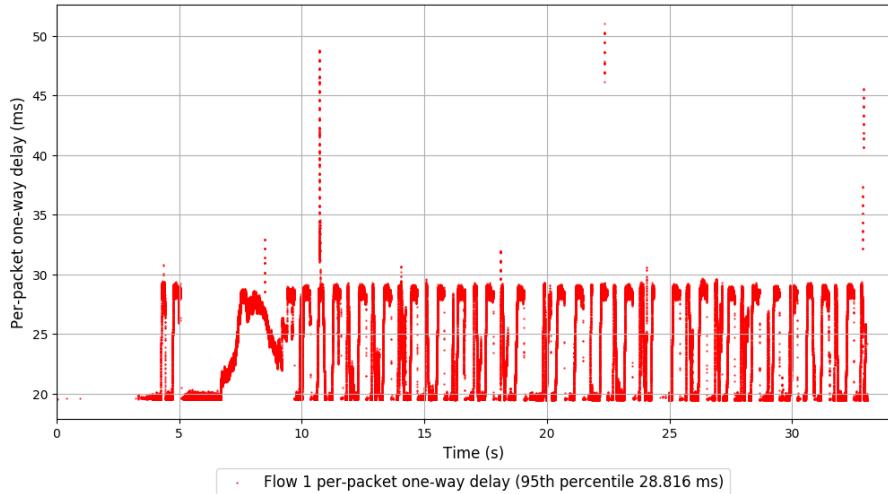
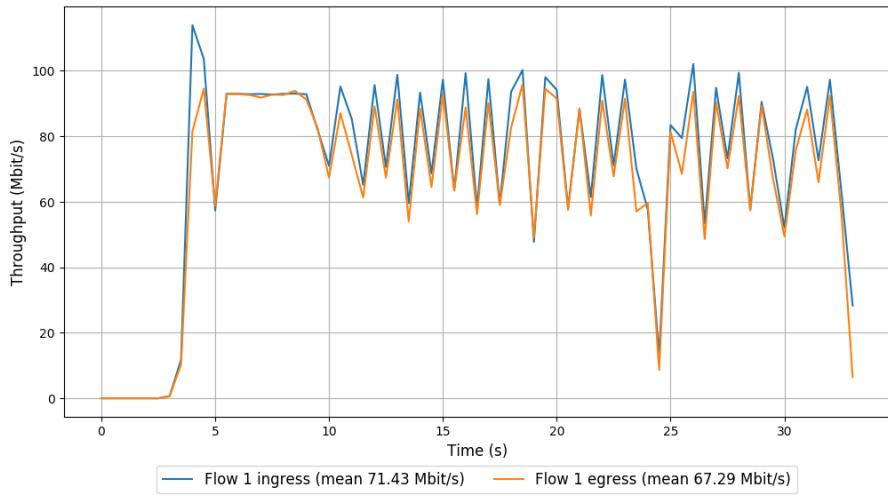


Run 5: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:46:18 +0000
End at: Tue, 04 Jul 2017 05:46:49 +0000
Local clock offset: 0.192 ms
Remote clock offset: -38.602 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 28.816 ms
Loss rate: 6.11%
-- Flow 1:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 28.816 ms
Loss rate: 6.11%
```

Run 5: Report of TCP BBR — Data Link

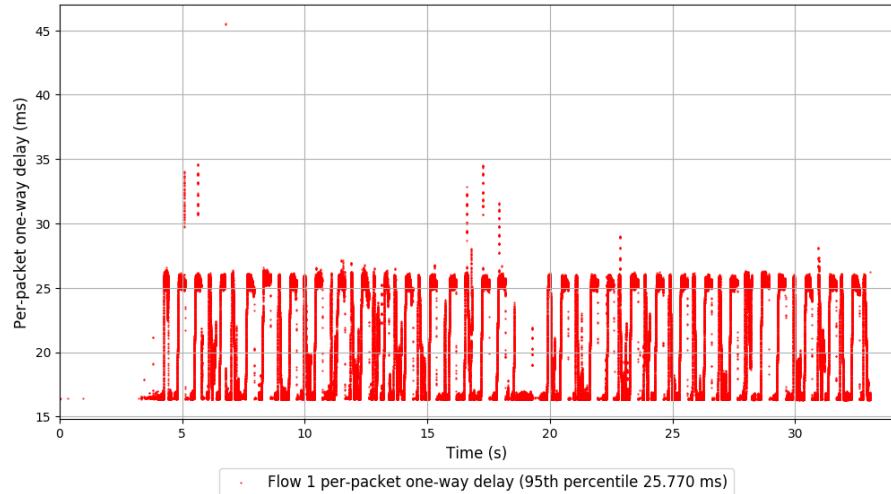
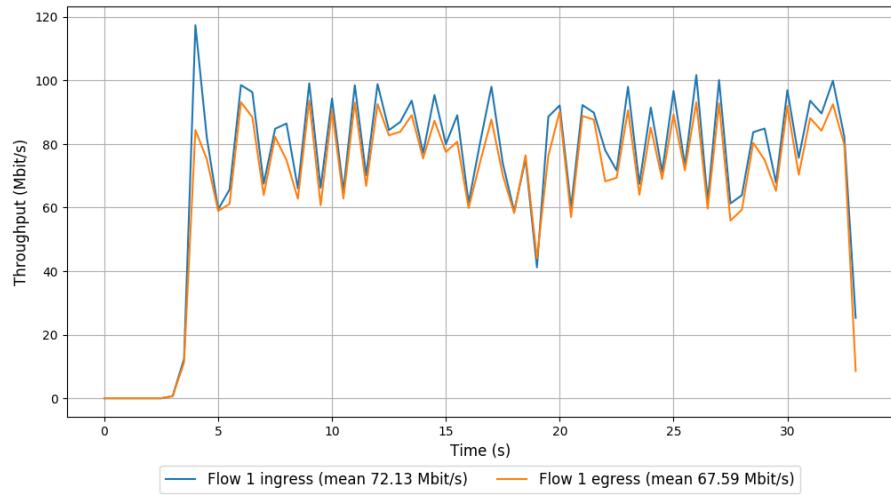


Run 6: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:03:52 +0000
End at: Tue, 04 Jul 2017 06:04:22 +0000
Local clock offset: 0.2 ms
Remote clock offset: -41.716 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 25.770 ms
Loss rate: 6.60%
-- Flow 1:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 25.770 ms
Loss rate: 6.60%
```

Run 6: Report of TCP BBR — Data Link

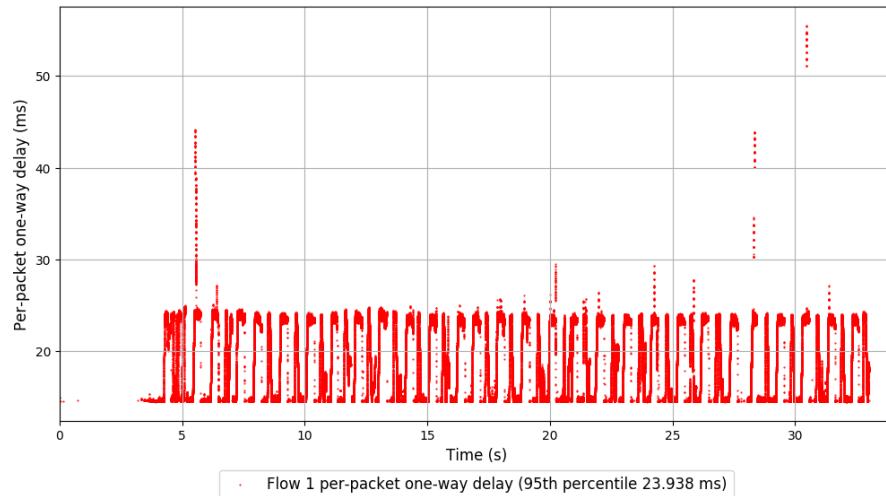
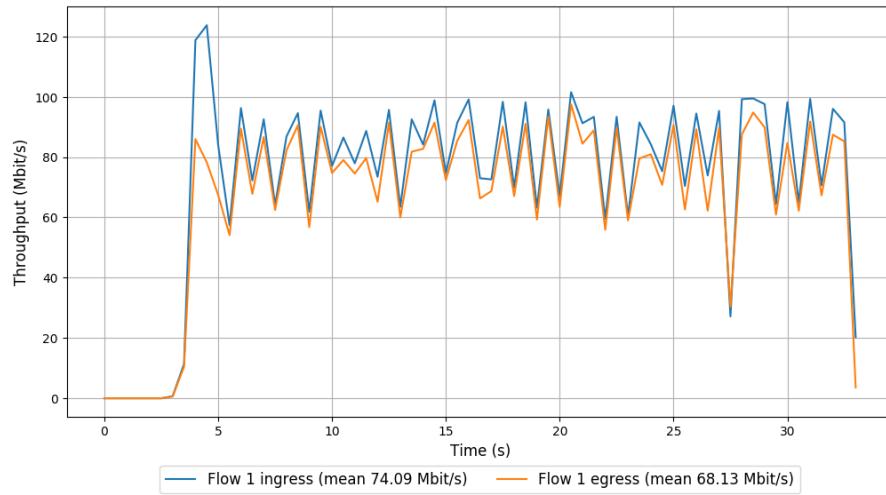


Run 7: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:21:24 +0000
End at: Tue, 04 Jul 2017 06:21:54 +0000
Local clock offset: 0.198 ms
Remote clock offset: -43.488 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 23.938 ms
Loss rate: 8.39%
-- Flow 1:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 23.938 ms
Loss rate: 8.39%
```

Run 7: Report of TCP BBR — Data Link

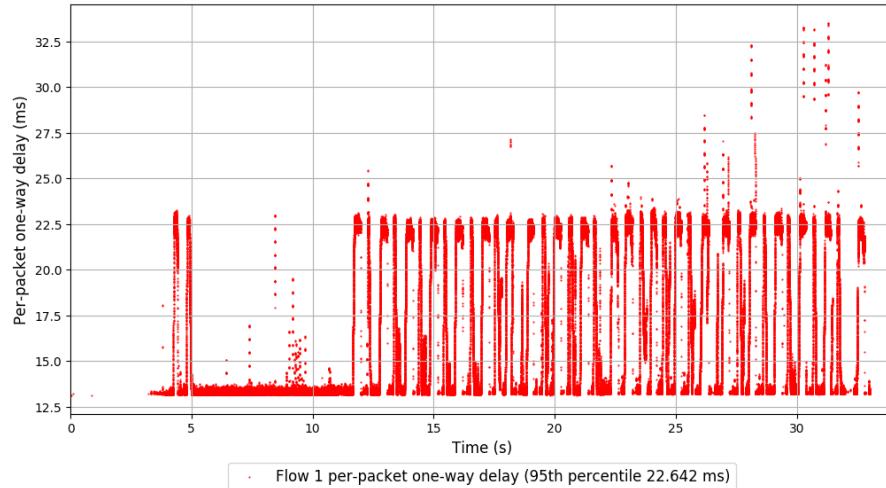
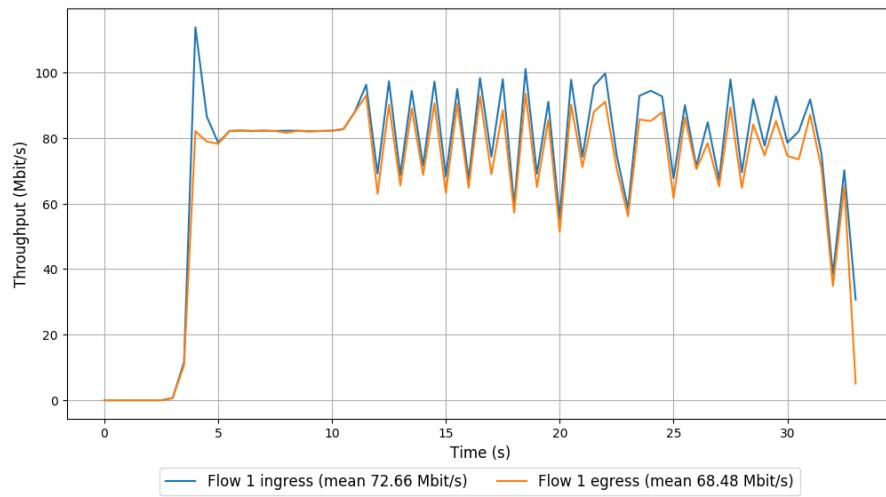


Run 8: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:38:41 +0000
End at: Tue, 04 Jul 2017 06:39:11 +0000
Local clock offset: 0.191 ms
Remote clock offset: -44.563 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.48 Mbit/s
95th percentile per-packet one-way delay: 22.642 ms
Loss rate: 6.09%
-- Flow 1:
Average throughput: 68.48 Mbit/s
95th percentile per-packet one-way delay: 22.642 ms
Loss rate: 6.09%
```

Run 8: Report of TCP BBR — Data Link

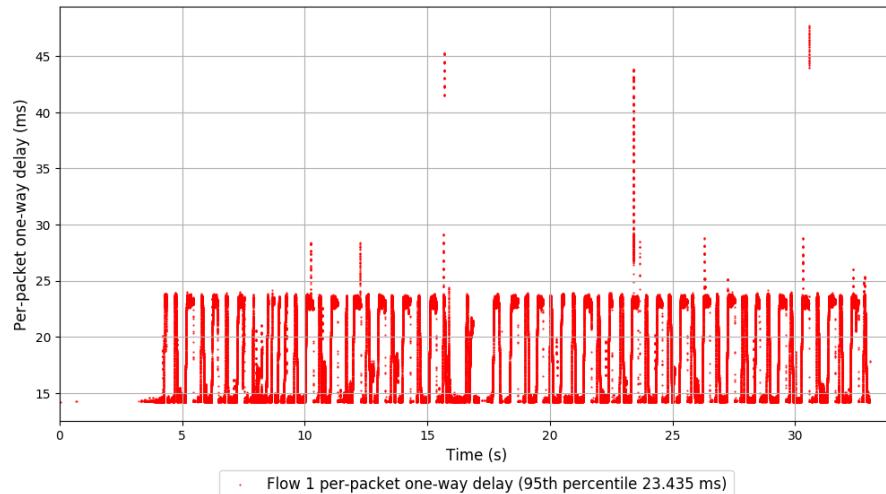
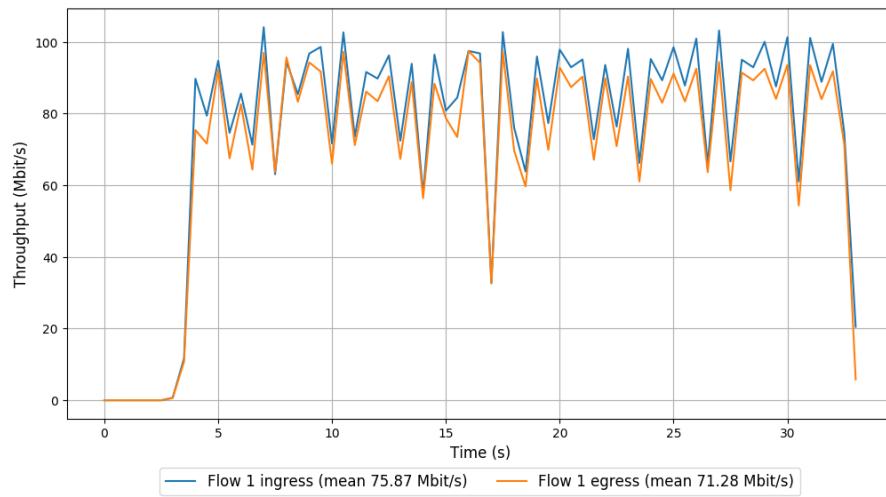


Run 9: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:56:06 +0000
End at: Tue, 04 Jul 2017 06:56:36 +0000
Local clock offset: 0.191 ms
Remote clock offset: -43.244 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.28 Mbit/s
95th percentile per-packet one-way delay: 23.435 ms
Loss rate: 6.37%
-- Flow 1:
Average throughput: 71.28 Mbit/s
95th percentile per-packet one-way delay: 23.435 ms
Loss rate: 6.37%
```

Run 9: Report of TCP BBR — Data Link

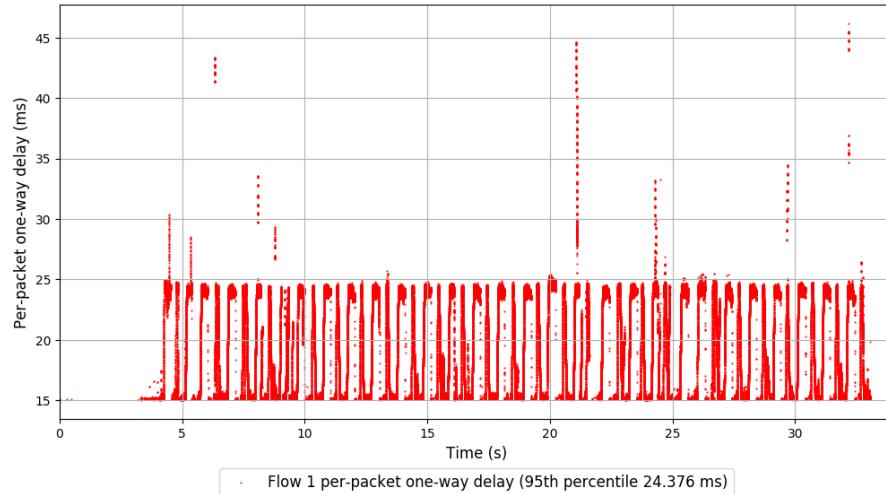
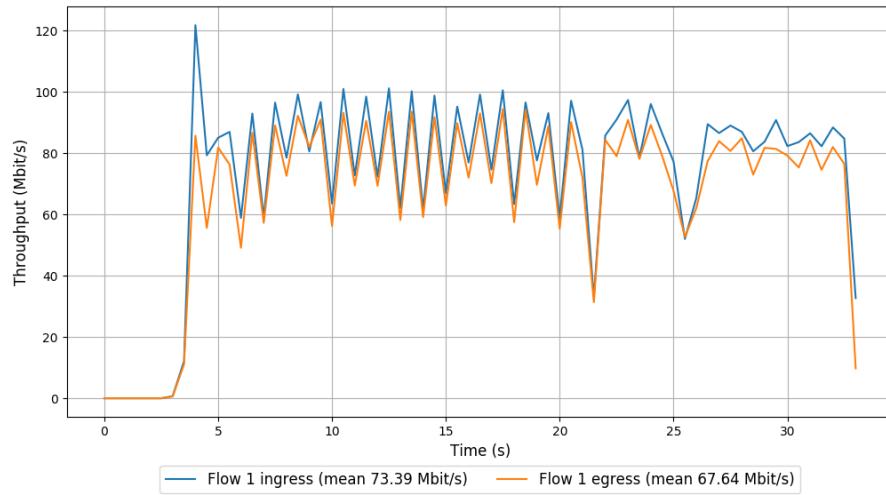


```
Run 10: Statistics of TCP BBR
```

```
Start at: Tue, 04 Jul 2017 07:13:38 +0000
End at: Tue, 04 Jul 2017 07:14:08 +0000
Local clock offset: 0.125 ms
Remote clock offset: -42.929 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.64 Mbit/s
95th percentile per-packet one-way delay: 24.376 ms
Loss rate: 8.15%
-- Flow 1:
Average throughput: 67.64 Mbit/s
95th percentile per-packet one-way delay: 24.376 ms
Loss rate: 8.15%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:35:09 +0000
```

```
End at: Tue, 04 Jul 2017 04:35:39 +0000
```

```
Local clock offset: 0.126 ms
```

```
Remote clock offset: -28.6 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:36 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 68.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.072 ms
```

```
Loss rate: 3.25%
```

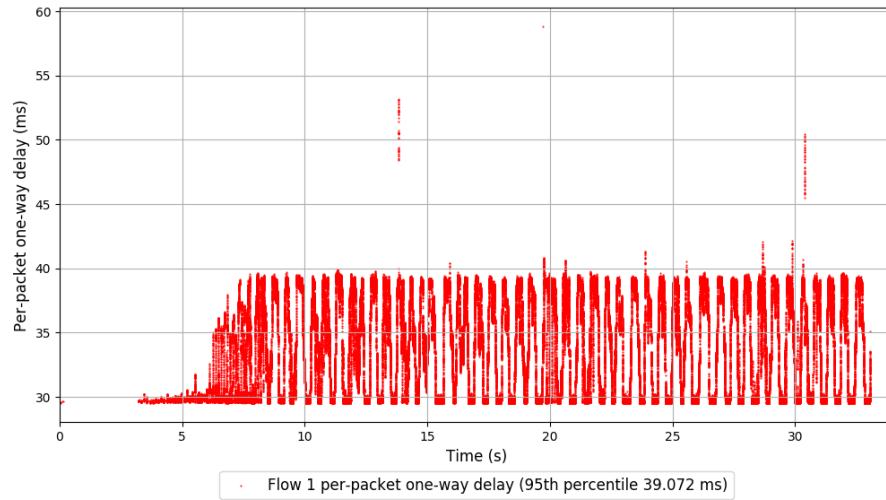
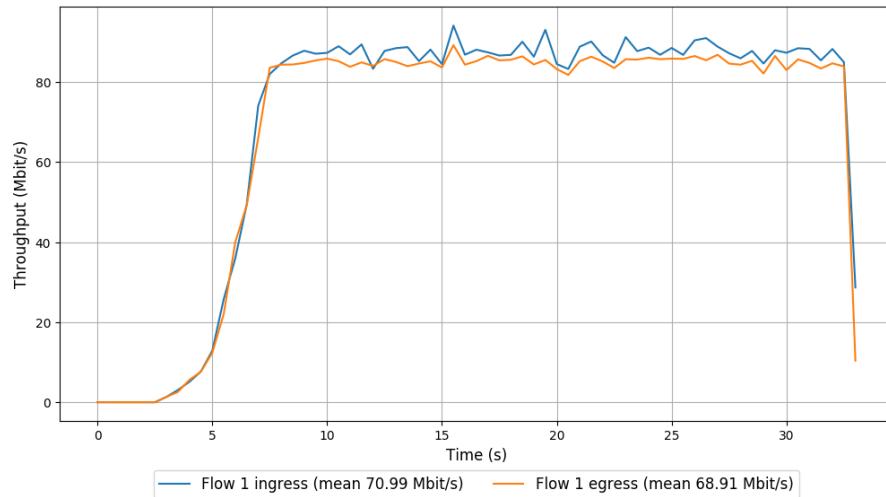
```
-- Flow 1:
```

```
Average throughput: 68.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.072 ms
```

```
Loss rate: 3.25%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:52:43 +0000
```

```
End at: Tue, 04 Jul 2017 04:53:13 +0000
```

```
Local clock offset: 0.156 ms
```

```
Remote clock offset: -29.312 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 70.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.949 ms
```

```
Loss rate: 3.11%
```

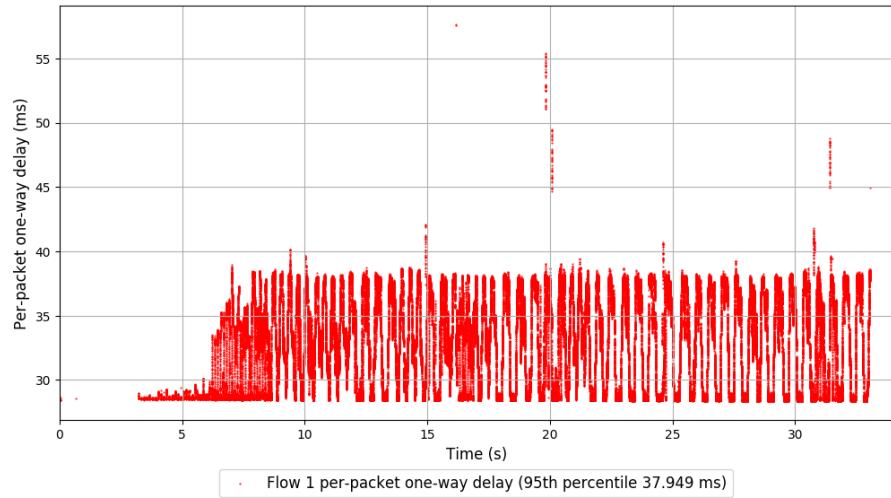
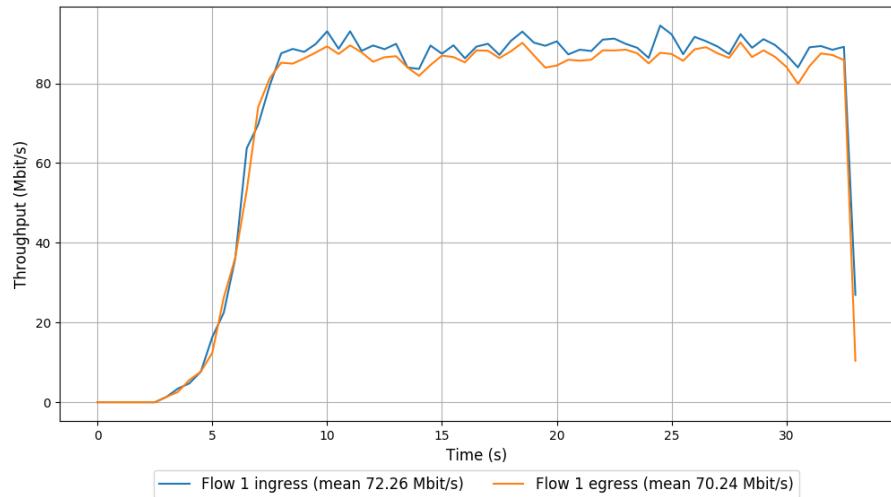
```
-- Flow 1:
```

```
Average throughput: 70.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.949 ms
```

```
Loss rate: 3.11%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 05:10:10 +0000
```

```
End at: Tue, 04 Jul 2017 05:10:40 +0000
```

```
Local clock offset: 0.182 ms
```

```
Remote clock offset: -32.935 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 70.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.992 ms
```

```
Loss rate: 3.10%
```

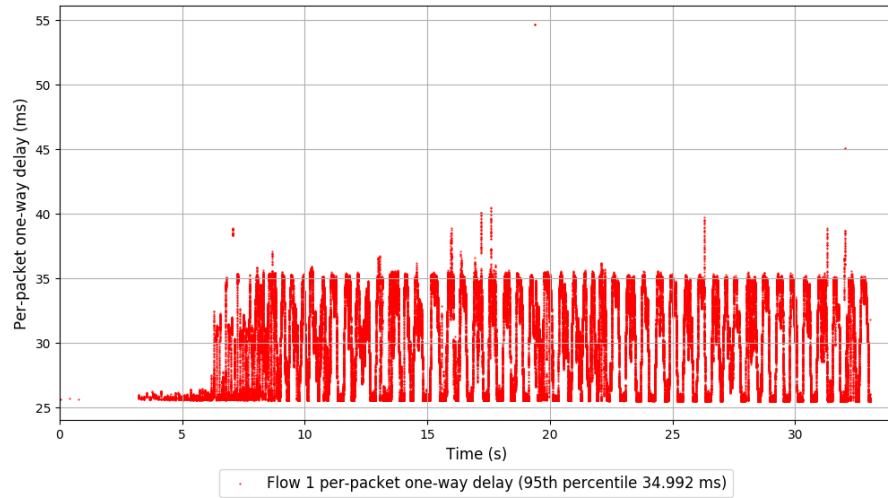
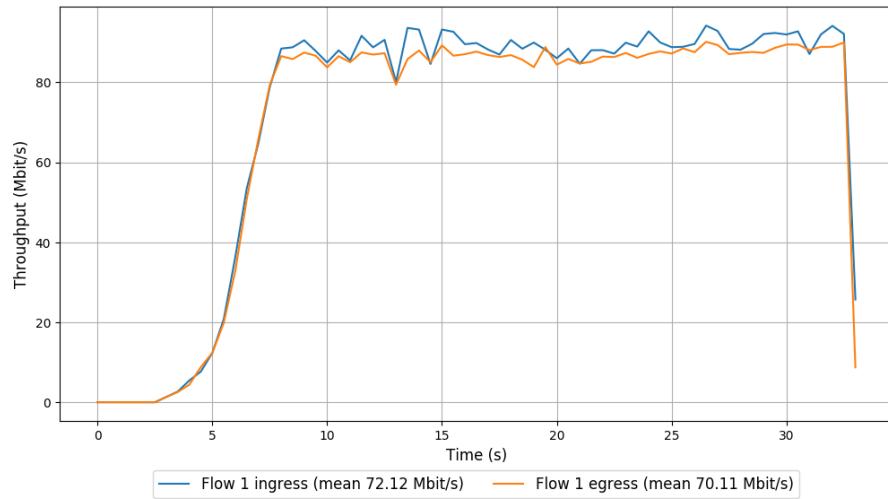
```
-- Flow 1:
```

```
Average throughput: 70.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.992 ms
```

```
Loss rate: 3.10%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 05:27:40 +0000
```

```
End at: Tue, 04 Jul 2017 05:28:10 +0000
```

```
Local clock offset: 0.191 ms
```

```
Remote clock offset: -35.387 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:02:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 72.78 Mbit/s
```

```
95th percentile per-packet one-way delay: 31.086 ms
```

```
Loss rate: 3.84%
```

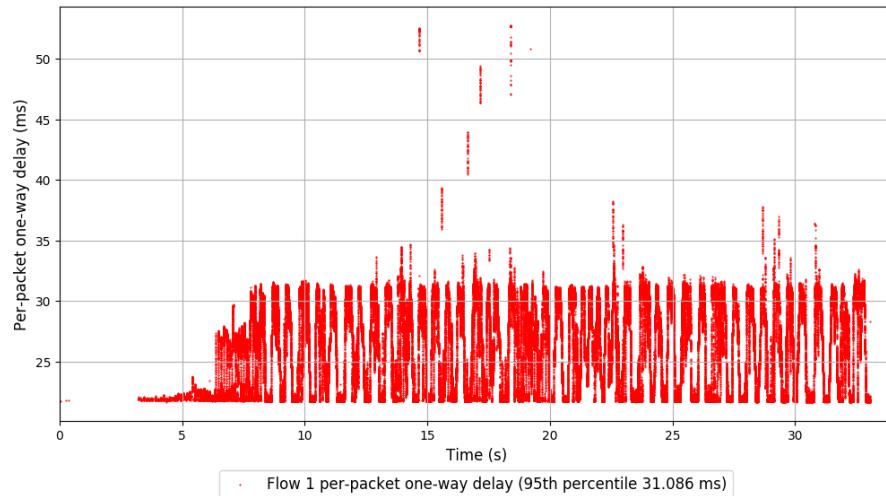
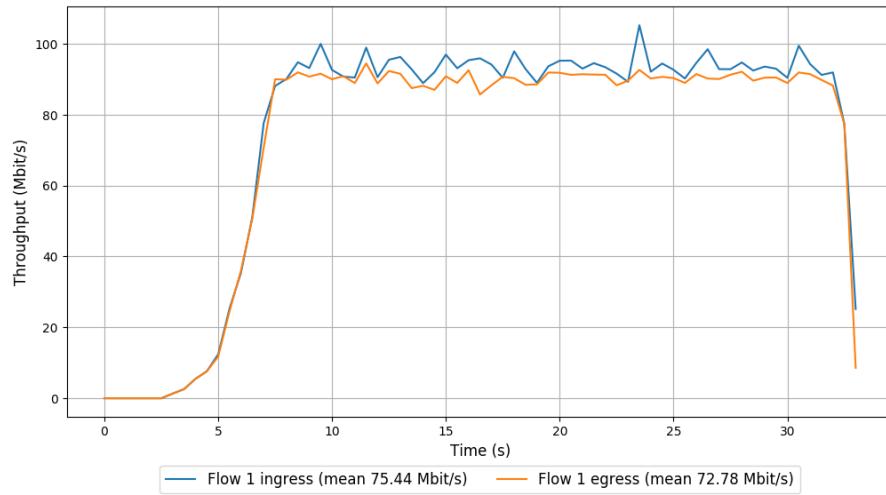
```
-- Flow 1:
```

```
Average throughput: 72.78 Mbit/s
```

```
95th percentile per-packet one-way delay: 31.086 ms
```

```
Loss rate: 3.84%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 05:45:04 +0000
```

```
End at: Tue, 04 Jul 2017 05:45:34 +0000
```

```
Local clock offset: 0.115 ms
```

```
Remote clock offset: -38.503 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:00 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 73.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 28.482 ms
```

```
Loss rate: 3.68%
```

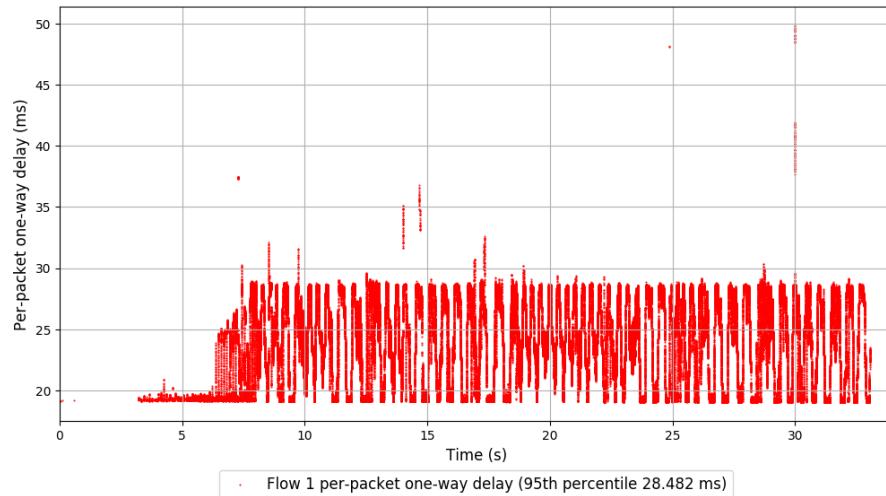
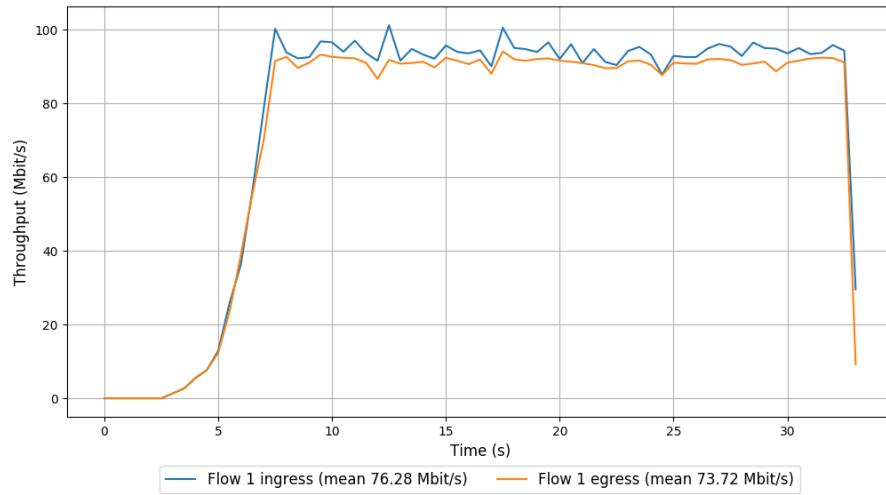
```
-- Flow 1:
```

```
Average throughput: 73.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 28.482 ms
```

```
Loss rate: 3.68%
```

Run 5: Report of CalibratedKoho — Data Link

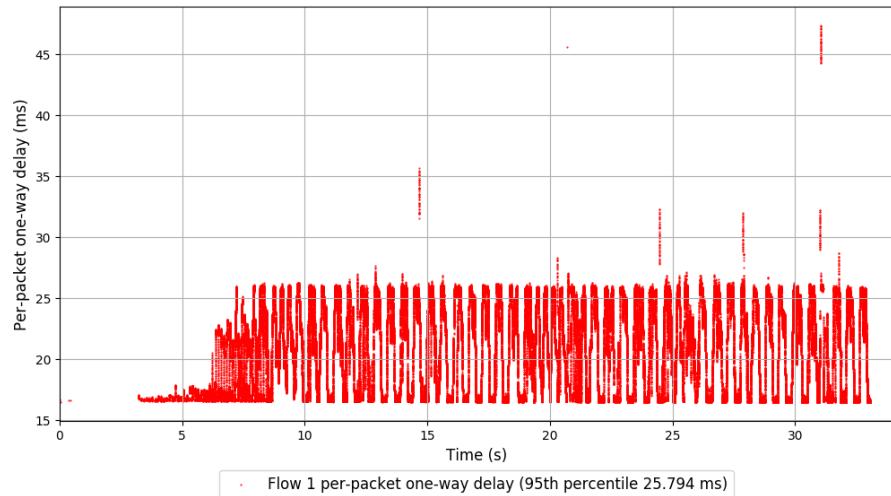
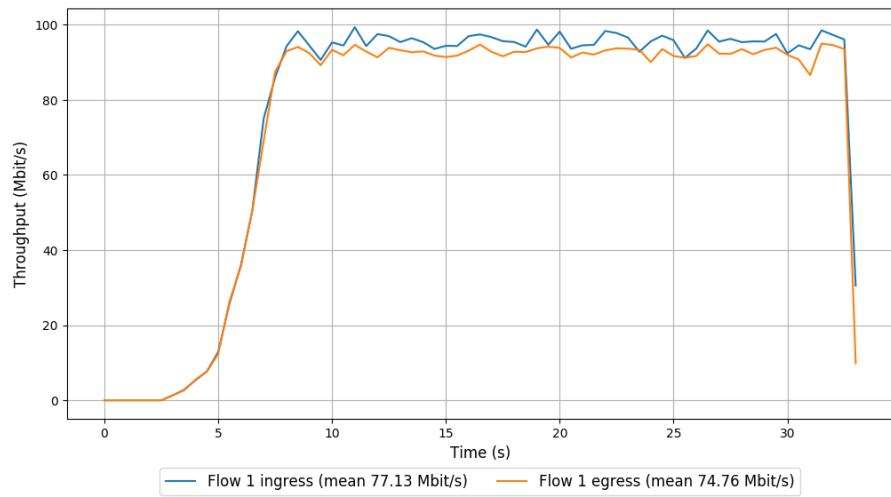


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 06:02:39 +0000
End at: Tue, 04 Jul 2017 06:03:09 +0000
Local clock offset: 0.115 ms
Remote clock offset: -40.678 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.76 Mbit/s
95th percentile per-packet one-way delay: 25.794 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 74.76 Mbit/s
95th percentile per-packet one-way delay: 25.794 ms
Loss rate: 3.40%
```

Run 6: Report of CalibratedKoho — Data Link



```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 06:20:09 +0000
```

```
End at: Tue, 04 Jul 2017 06:20:39 +0000
```

```
Local clock offset: 0.177 ms
```

```
Remote clock offset: -43.032 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:11 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 75.52 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.599 ms
```

```
Loss rate: 3.72%
```

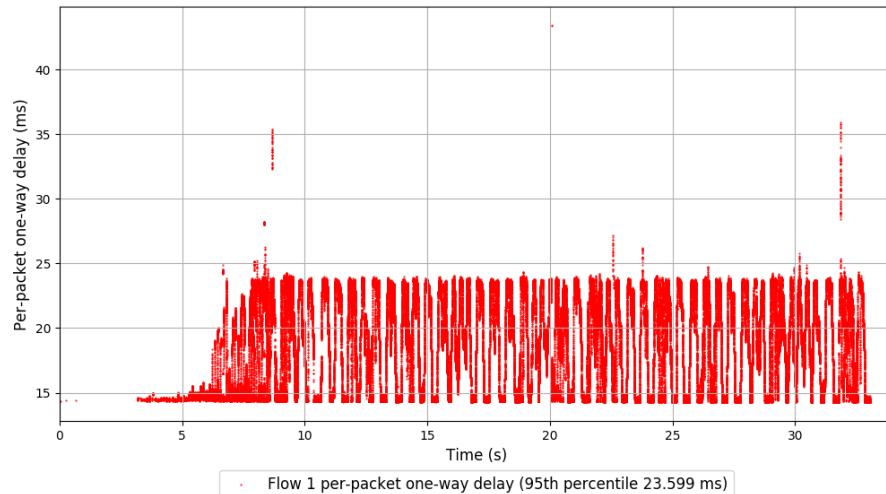
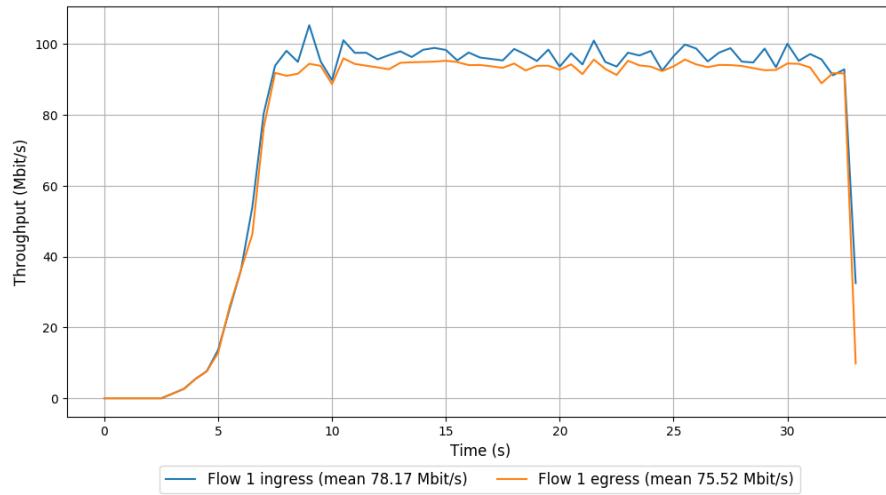
```
-- Flow 1:
```

```
Average throughput: 75.52 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.599 ms
```

```
Loss rate: 3.72%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 06:37:27 +0000
```

```
End at: Tue, 04 Jul 2017 06:37:57 +0000
```

```
Local clock offset: 0.159 ms
```

```
Remote clock offset: -44.2 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:12 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 75.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.786 ms
```

```
Loss rate: 3.23%
```

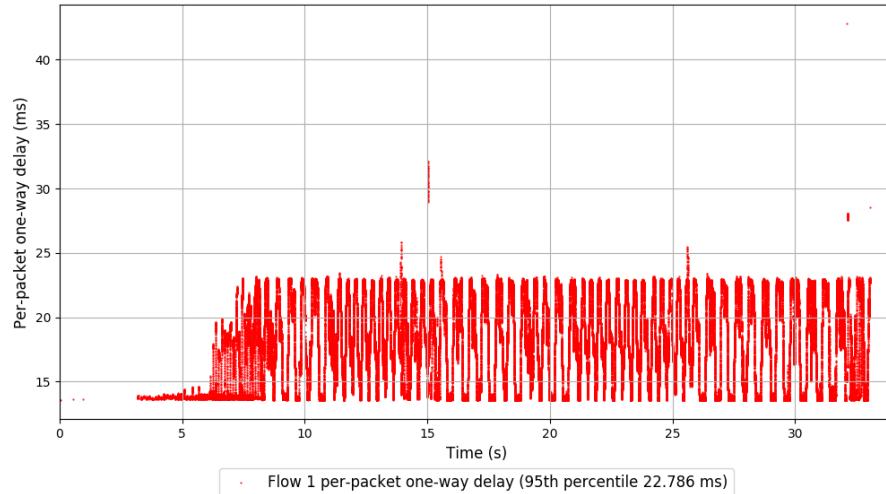
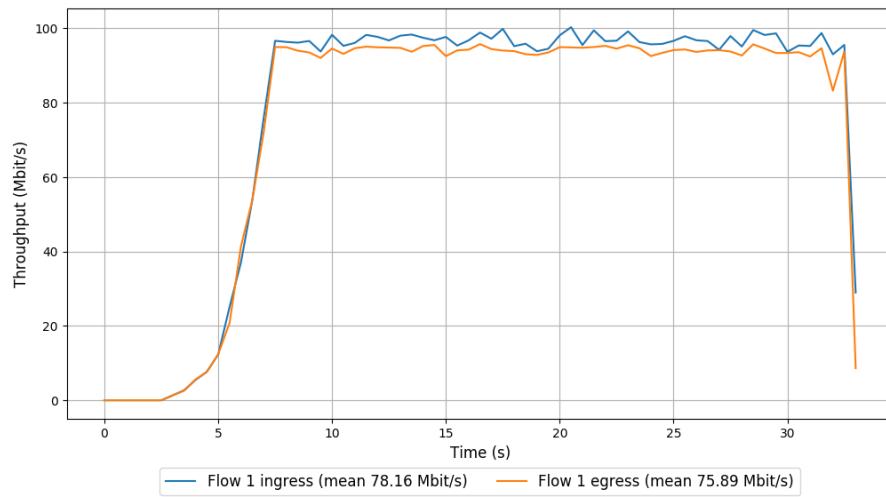
```
-- Flow 1:
```

```
Average throughput: 75.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.786 ms
```

```
Loss rate: 3.23%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 06:54:52 +0000
```

```
End at: Tue, 04 Jul 2017 06:55:22 +0000
```

```
Local clock offset: 0.17 ms
```

```
Remote clock offset: -43.62 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:23 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 74.33 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.530 ms
```

```
Loss rate: 3.79%
```

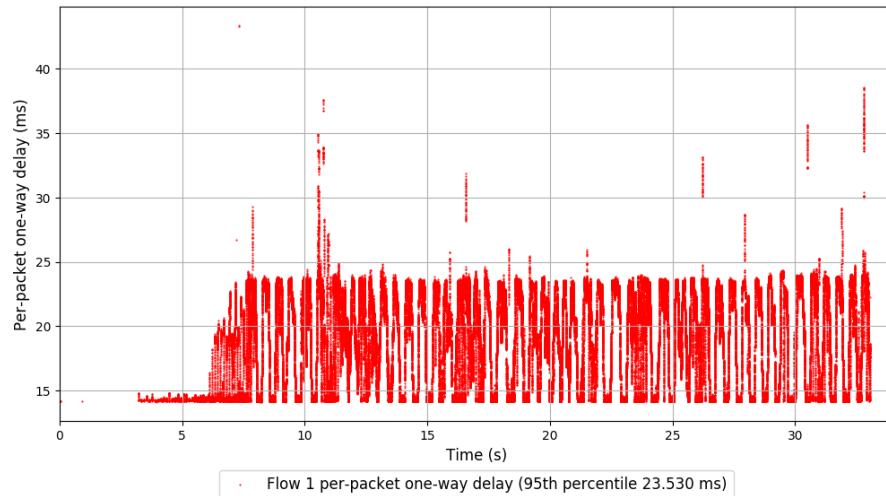
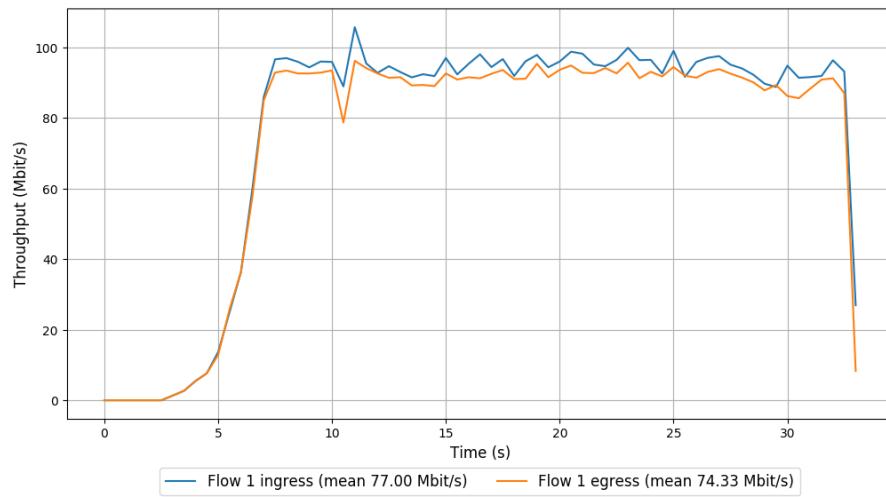
```
-- Flow 1:
```

```
Average throughput: 74.33 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.530 ms
```

```
Loss rate: 3.79%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 07:12:24 +0000
```

```
End at: Tue, 04 Jul 2017 07:12:54 +0000
```

```
Local clock offset: 0.171 ms
```

```
Remote clock offset: -43.047 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 76.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.275 ms
```

```
Loss rate: 3.86%
```

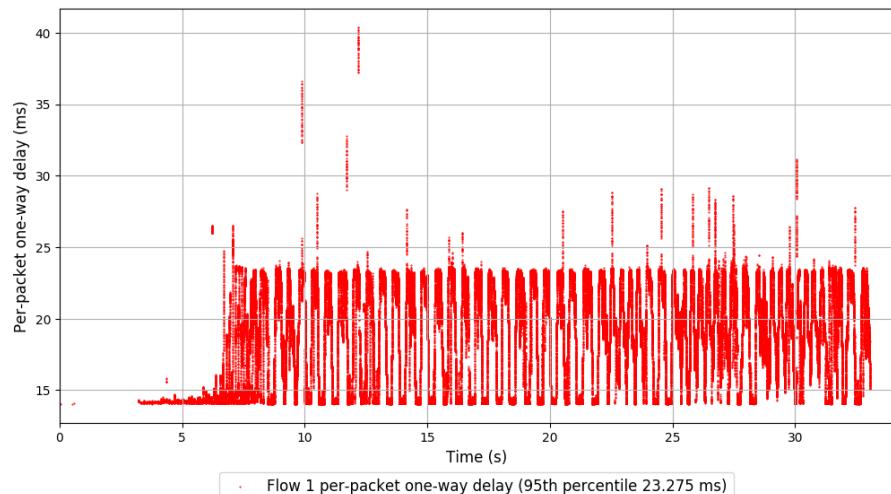
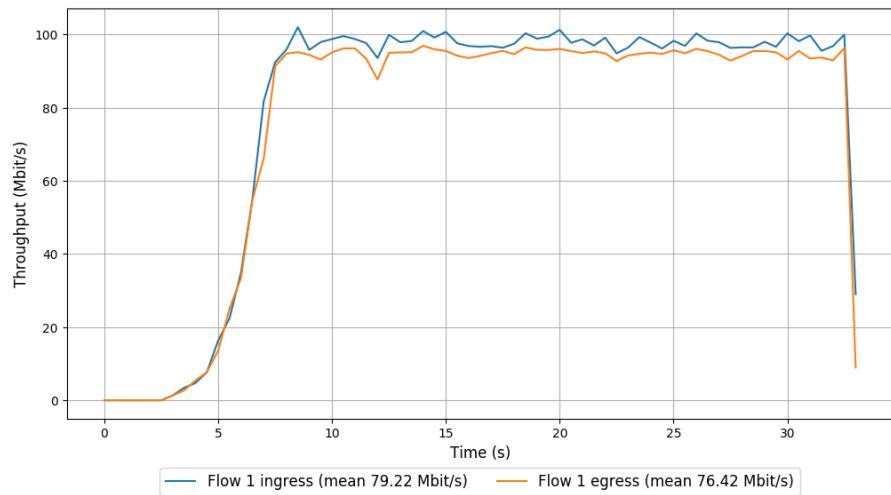
```
-- Flow 1:
```

```
Average throughput: 76.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.275 ms
```

```
Loss rate: 3.86%
```

Run 10: Report of CalibratedKoho — Data Link

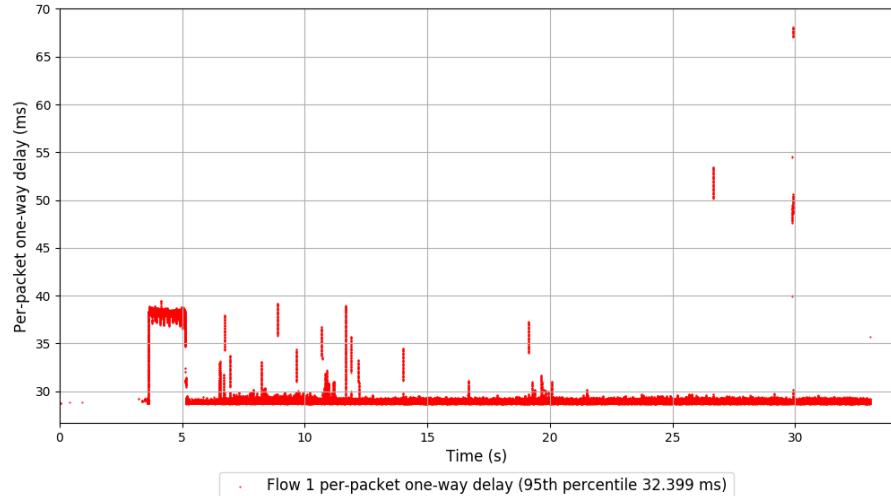
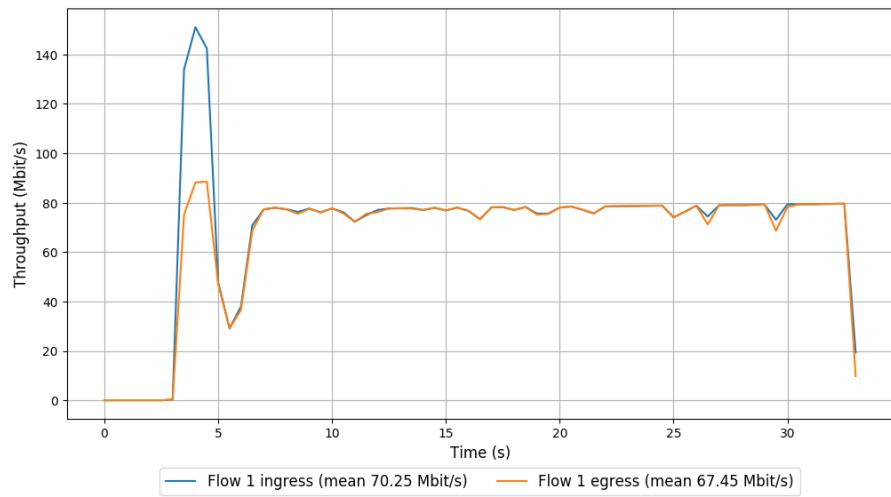


Run 1: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:40:56 +0000
End at: Tue, 04 Jul 2017 04:41:26 +0000
Local clock offset: 0.237 ms
Remote clock offset: -29.192 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 32.399 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 32.399 ms
Loss rate: 4.32%
```

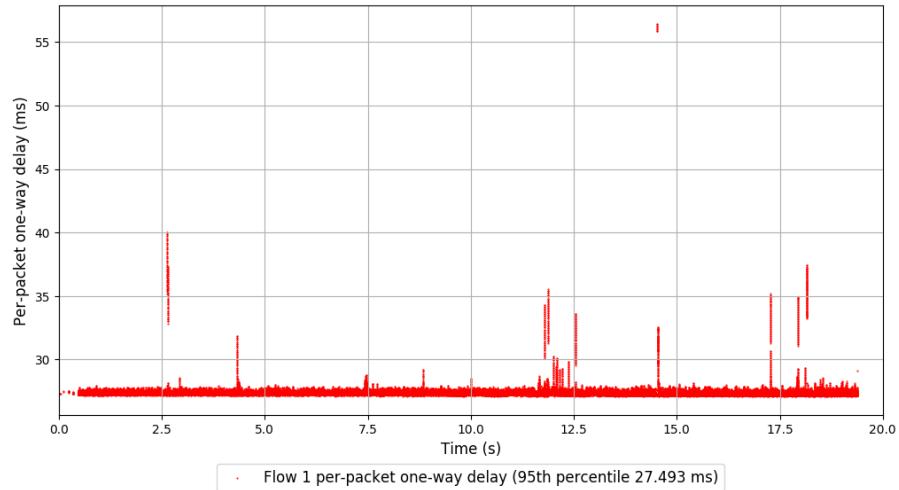
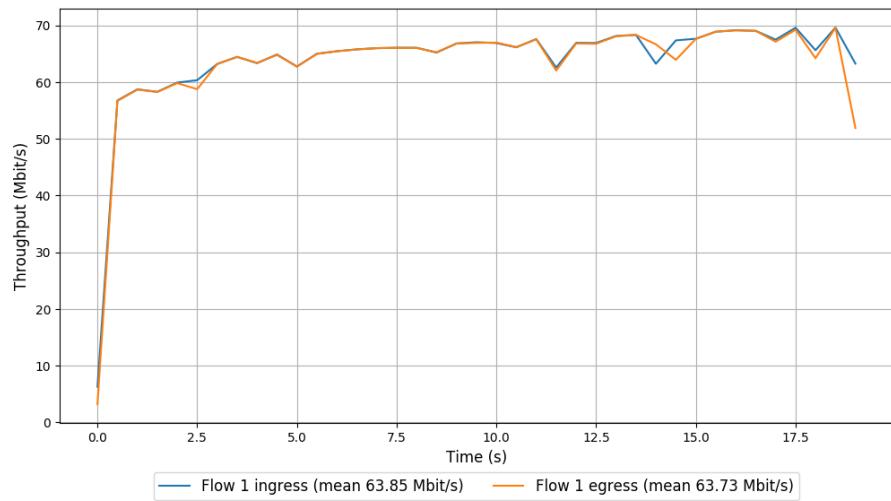
Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:58:31 +0000
End at: Tue, 04 Jul 2017 04:59:01 +0000
Local clock offset: 0.121 ms
Remote clock offset: -30.353 ms
```

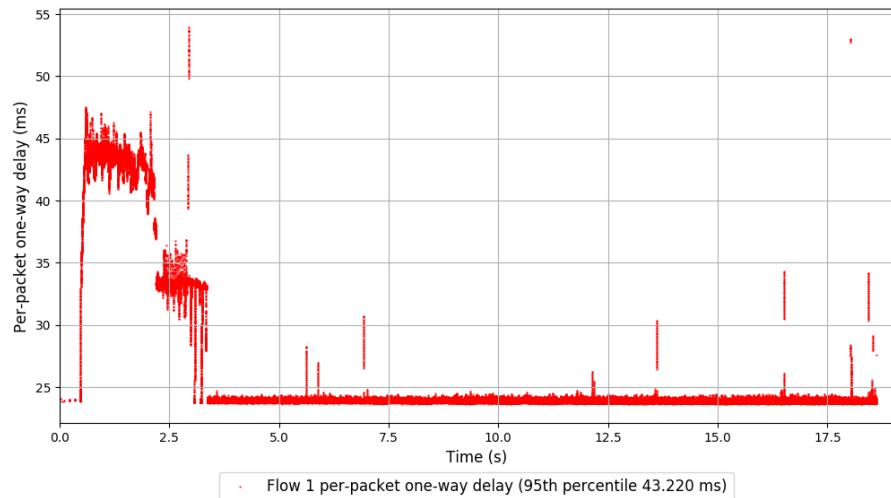
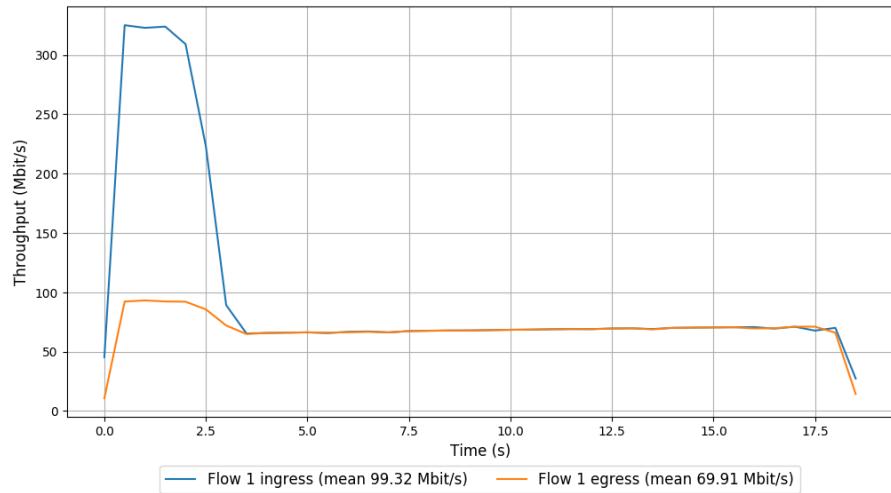
Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Tue, 04 Jul 2017 05:15:57 +0000
End at: Tue, 04 Jul 2017 05:16:27 +0000
Local clock offset: 0.178 ms
Remote clock offset: -33.821 ms

Run 3: Report of Copa — Data Link

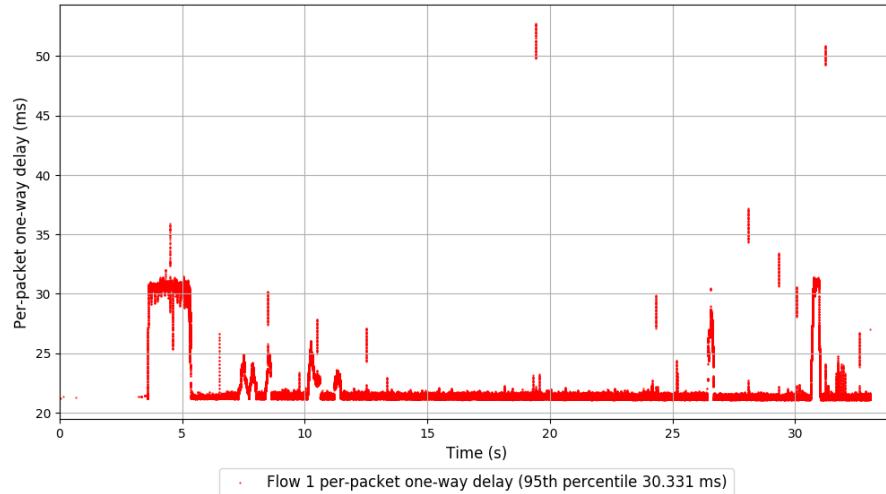
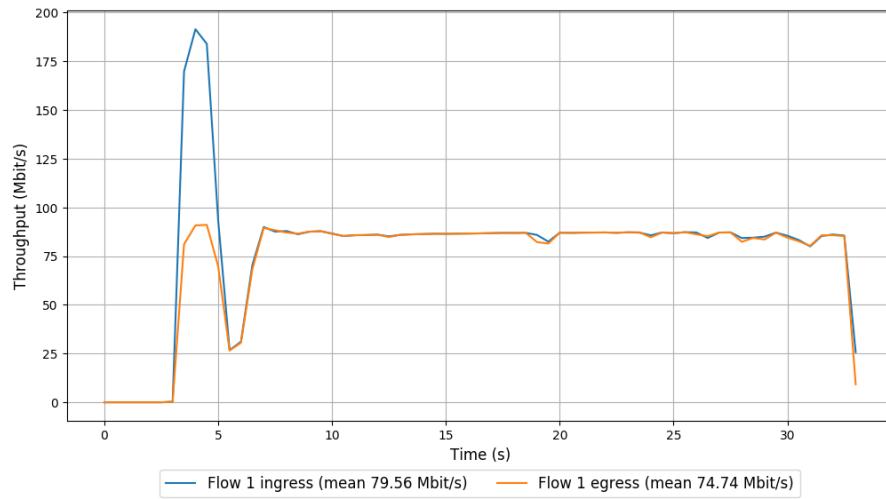


Run 4: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:33:28 +0000
End at: Tue, 04 Jul 2017 05:33:58 +0000
Local clock offset: 0.188 ms
Remote clock offset: -36.664 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:03:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 30.331 ms
Loss rate: 6.38%
-- Flow 1:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 30.331 ms
Loss rate: 6.38%
```

Run 4: Report of Copa — Data Link

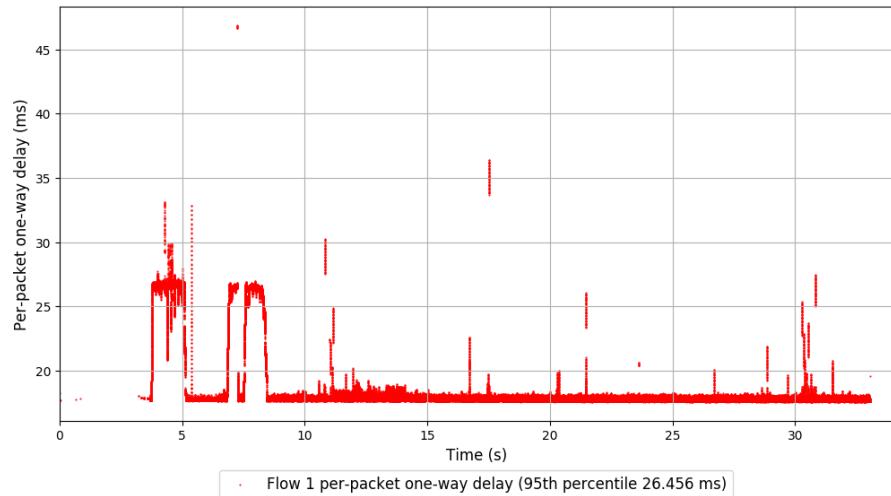
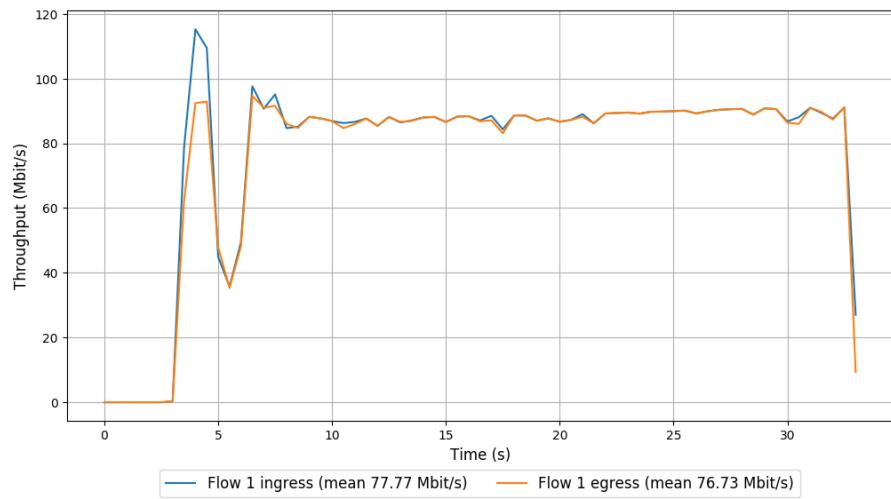


Run 5: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:50:52 +0000
End at: Tue, 04 Jul 2017 05:51:22 +0000
Local clock offset: 0.16 ms
Remote clock offset: -39.489 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 26.456 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 26.456 ms
Loss rate: 1.67%
```

Run 5: Report of Copa — Data Link

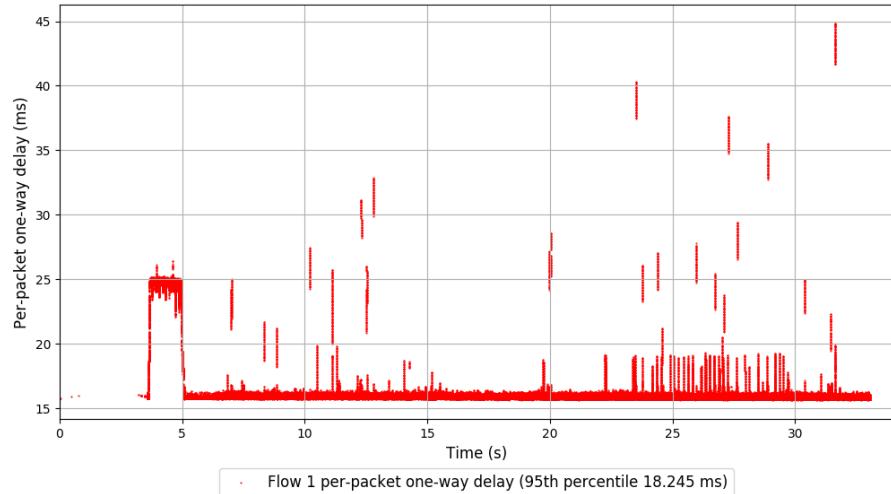
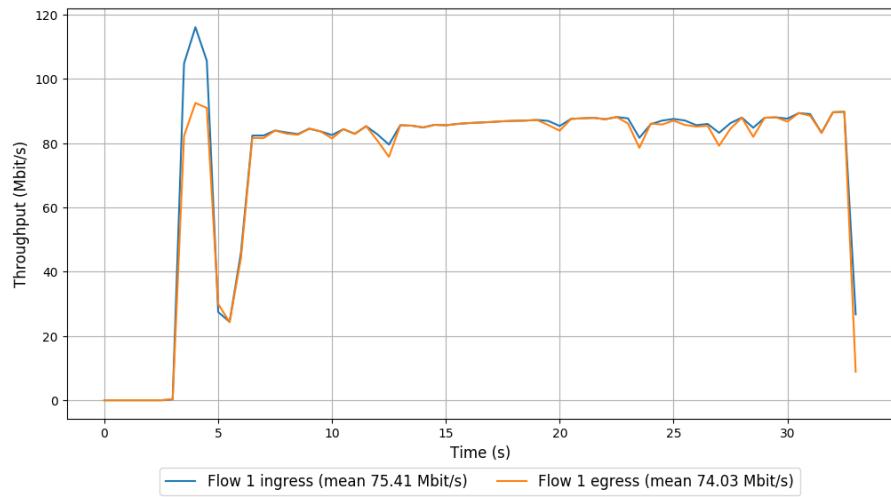


Run 6: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:08:28 +0000
End at: Tue, 04 Jul 2017 06:08:58 +0000
Local clock offset: 0.138 ms
Remote clock offset: -42.04 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 18.245 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 18.245 ms
Loss rate: 2.17%
```

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

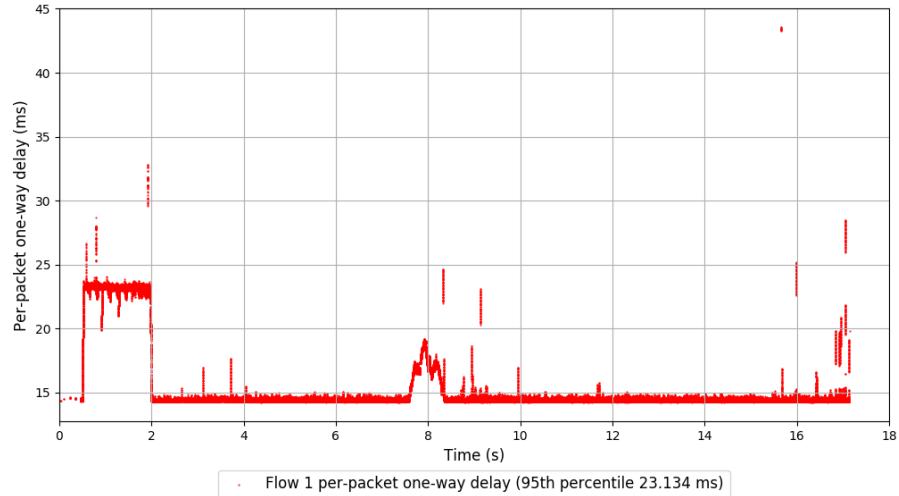
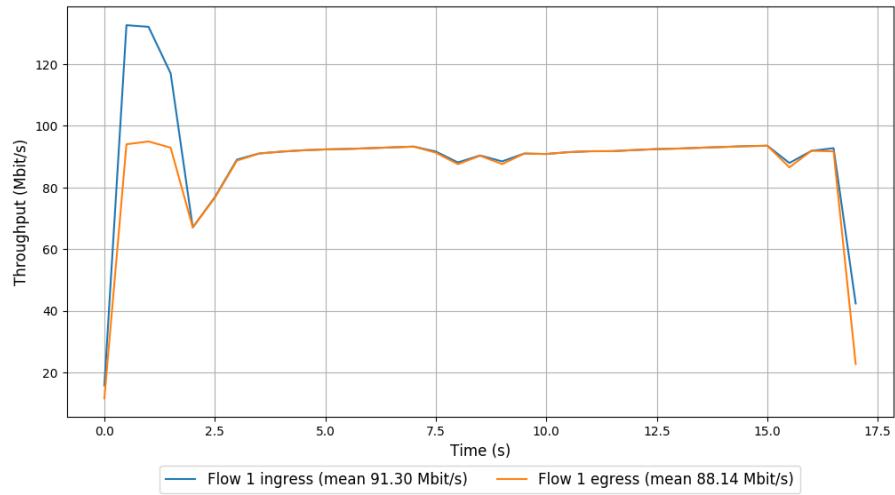
Start at: Tue, 04 Jul 2017 06:25:58 +0000

End at: Tue, 04 Jul 2017 06:26:28 +0000

Local clock offset: 0.105 ms

Remote clock offset: -43.939 ms

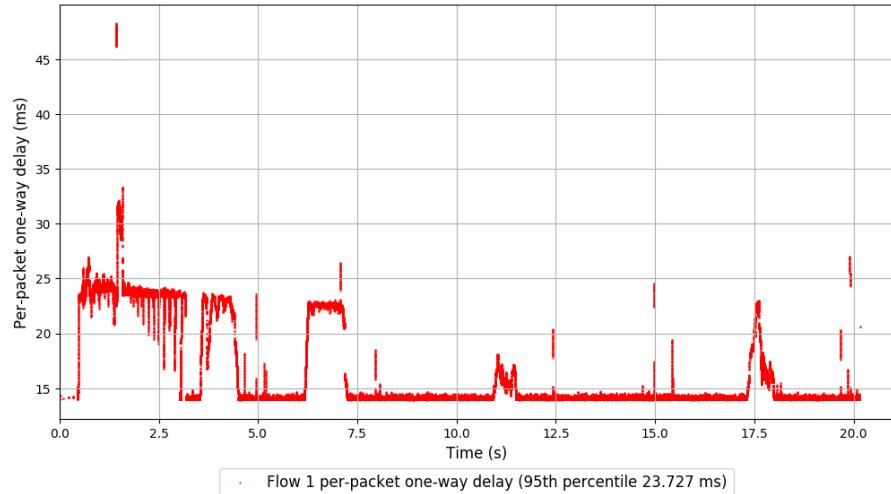
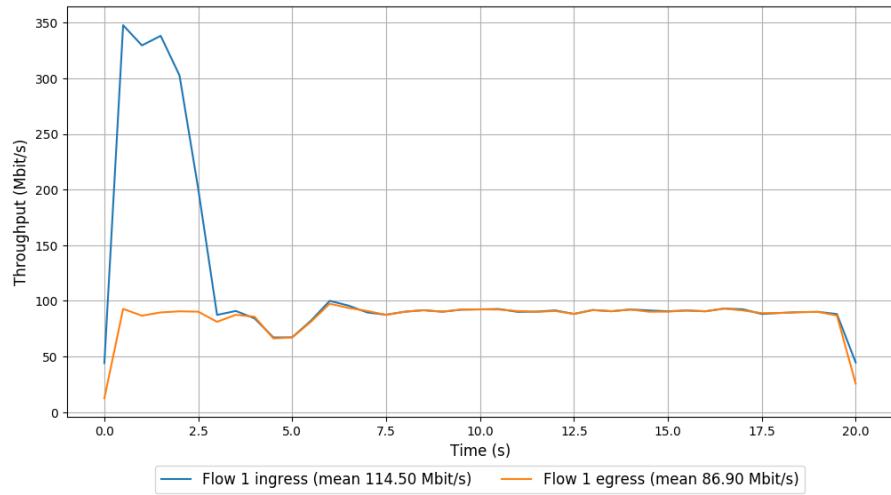
Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 04 Jul 2017 06:43:15 +0000
End at: Tue, 04 Jul 2017 06:43:45 +0000
Local clock offset: 0.176 ms
Remote clock offset: -44.077 ms

Run 8: Report of Copa — Data Link

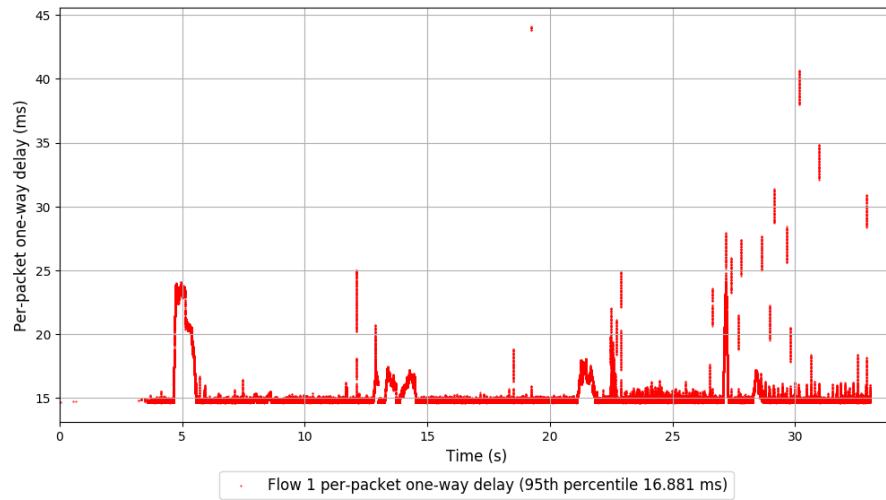
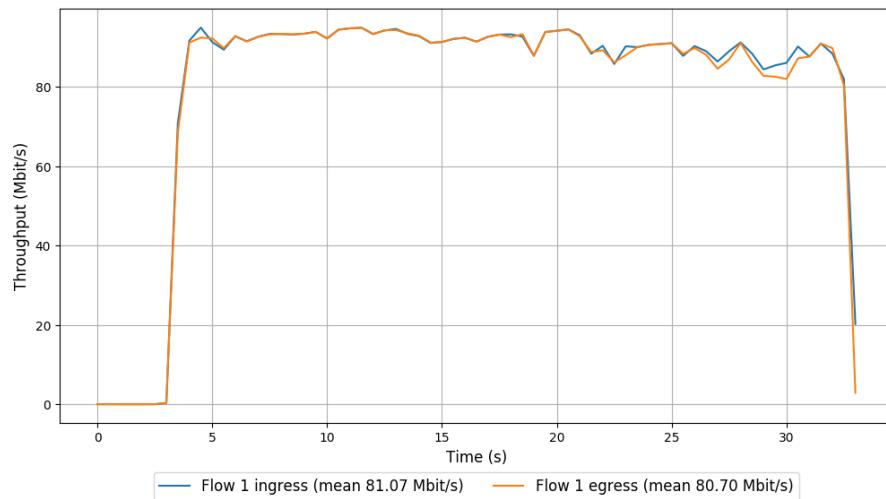


Run 9: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 07:00:40 +0000
End at: Tue, 04 Jul 2017 07:01:10 +0000
Local clock offset: 0.087 ms
Remote clock offset: -43.446 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.70 Mbit/s
95th percentile per-packet one-way delay: 16.881 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 80.70 Mbit/s
95th percentile per-packet one-way delay: 16.881 ms
Loss rate: 0.81%
```

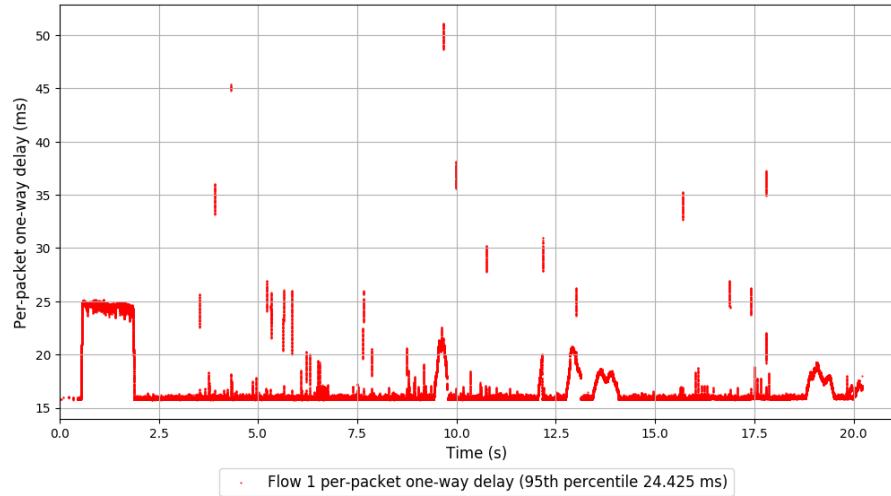
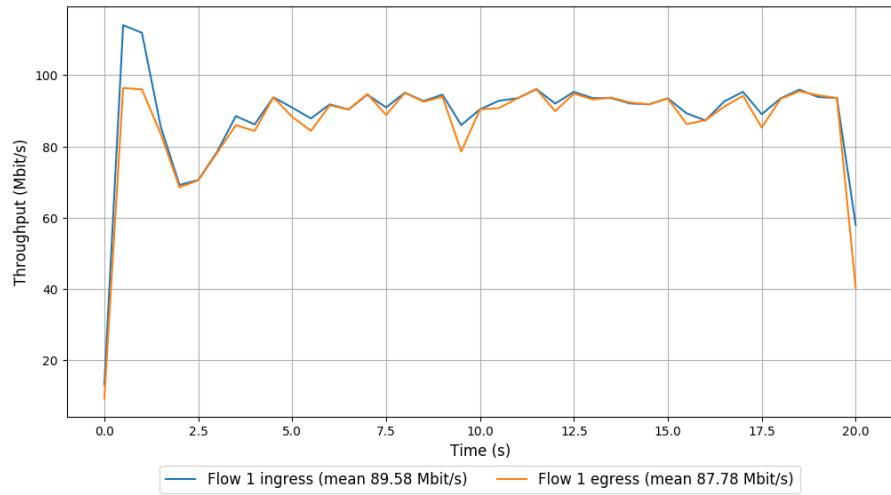
Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 04 Jul 2017 07:18:12 +0000
End at: Tue, 04 Jul 2017 07:18:42 +0000
Local clock offset: 0.111 ms
Remote clock offset: -42.541 ms

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 04:43:23 +0000

End at: Tue, 04 Jul 2017 04:43:53 +0000

Local clock offset: 0.22 ms

Remote clock offset: -29.186 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:04:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.08 Mbit/s

95th percentile per-packet one-way delay: 30.190 ms

Loss rate: 0.77%

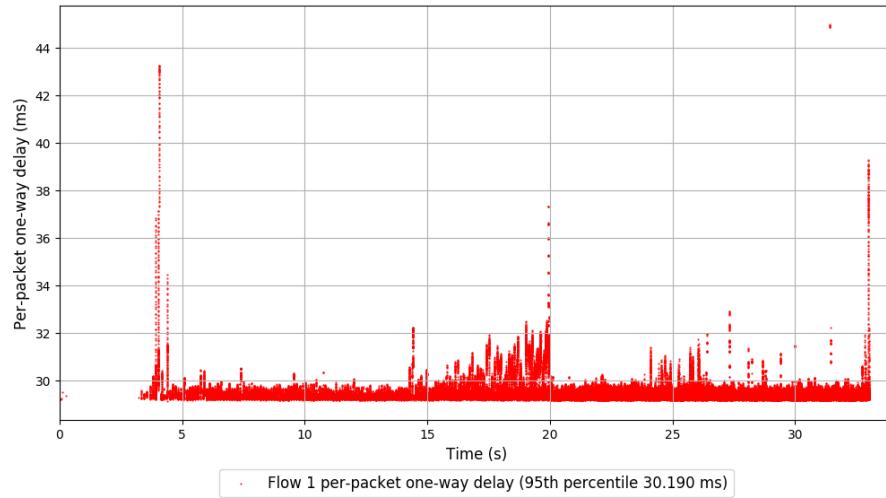
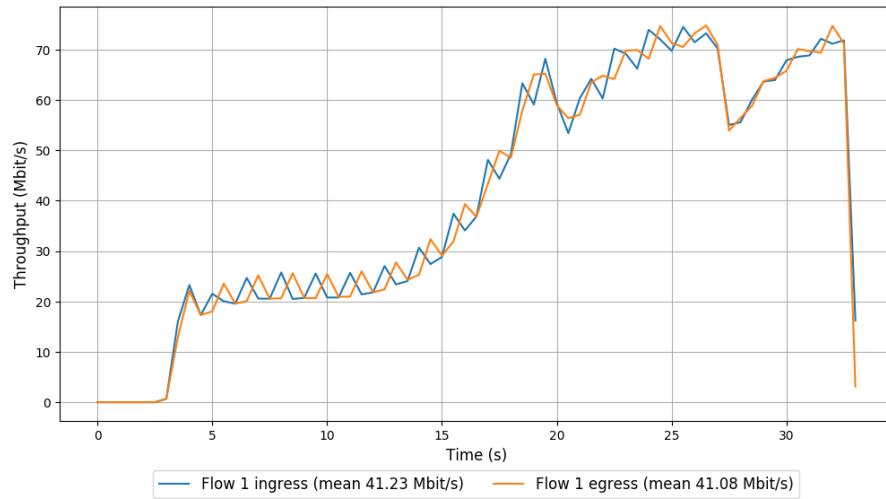
-- Flow 1:

Average throughput: 41.08 Mbit/s

95th percentile per-packet one-way delay: 30.190 ms

Loss rate: 0.77%

Run 1: Report of TCP Cubic — Data Link

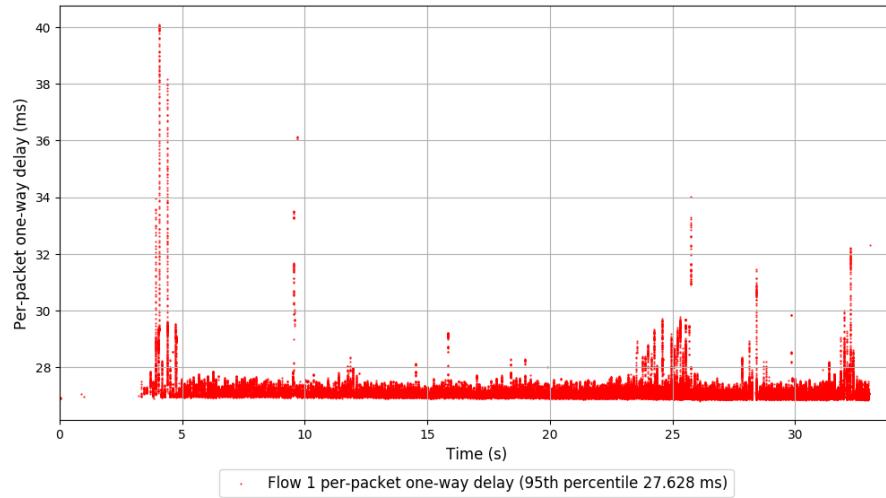
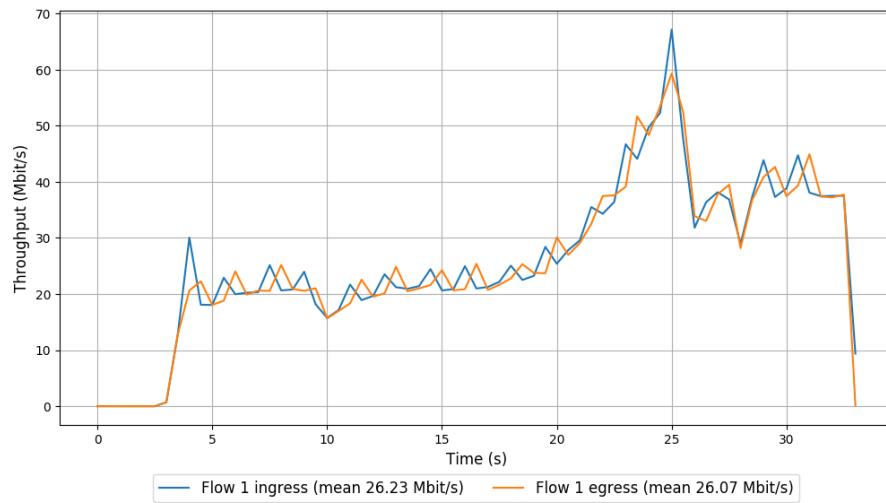


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:00:53 +0000
End at: Tue, 04 Jul 2017 05:01:23 +0000
Local clock offset: 0.2 ms
Remote clock offset: -31.196 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 27.628 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 27.628 ms
Loss rate: 0.93%
```

Run 2: Report of TCP Cubic — Data Link

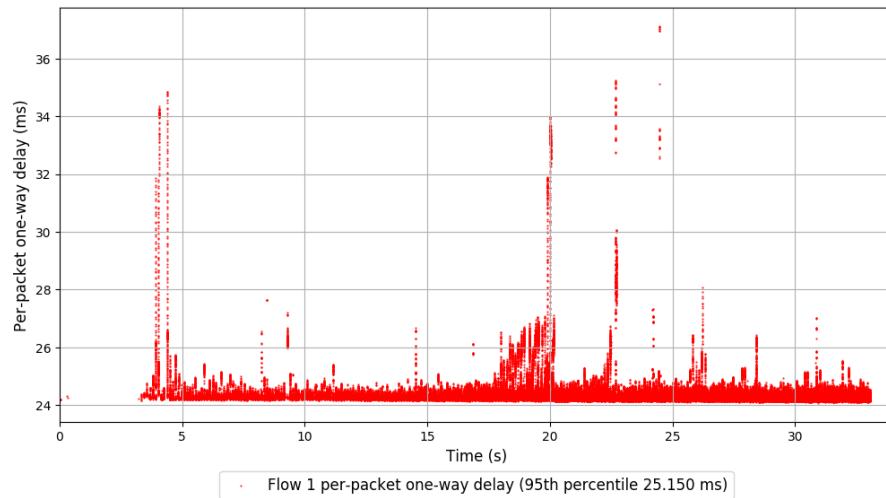
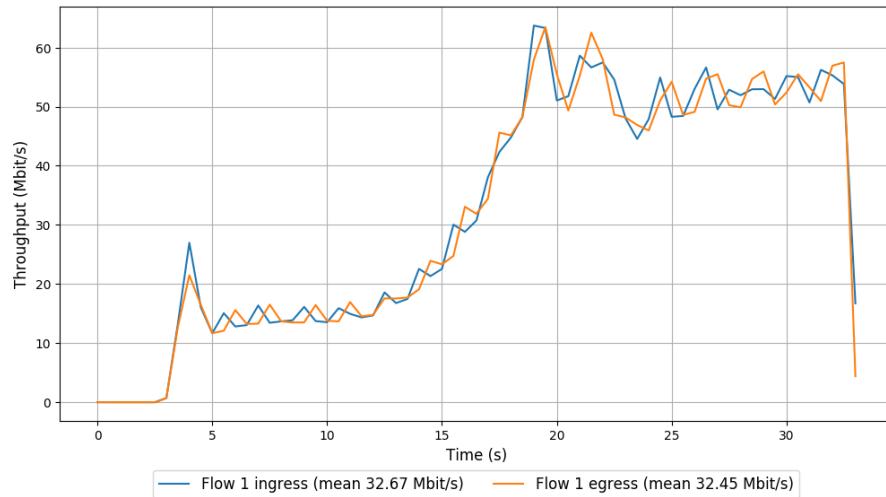


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:18:20 +0000
End at: Tue, 04 Jul 2017 05:18:50 +0000
Local clock offset: 0.201 ms
Remote clock offset: -34.042 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 25.150 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 25.150 ms
Loss rate: 1.02%
```

Run 3: Report of TCP Cubic — Data Link

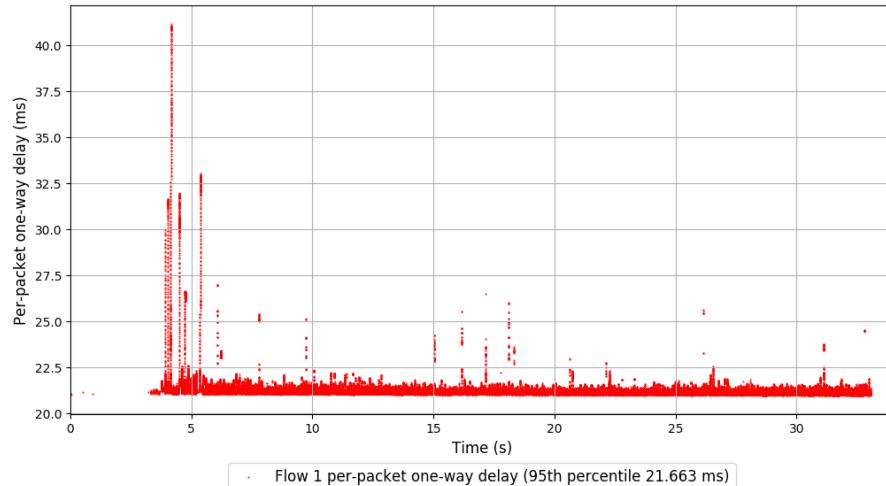
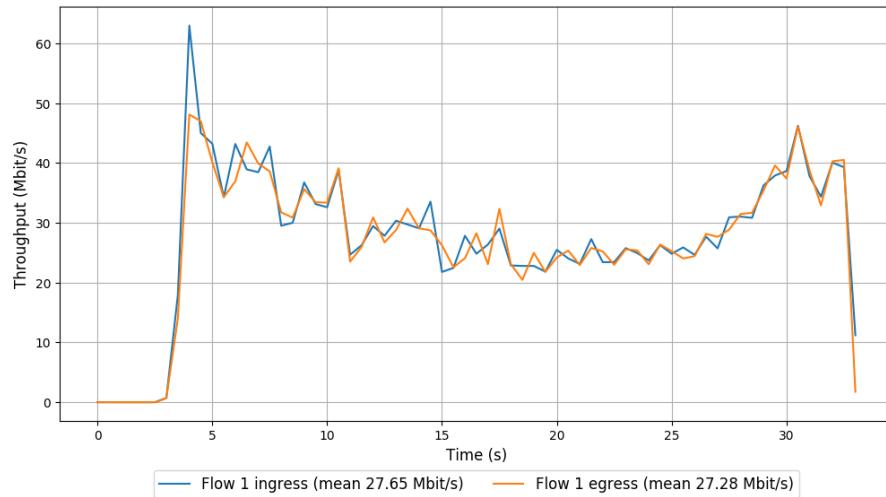


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:35:53 +0000
End at: Tue, 04 Jul 2017 05:36:23 +0000
Local clock offset: 0.212 ms
Remote clock offset: -36.736 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:04:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.28 Mbit/s
95th percentile per-packet one-way delay: 21.663 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 27.28 Mbit/s
95th percentile per-packet one-way delay: 21.663 ms
Loss rate: 1.70%
```

Run 4: Report of TCP Cubic — Data Link

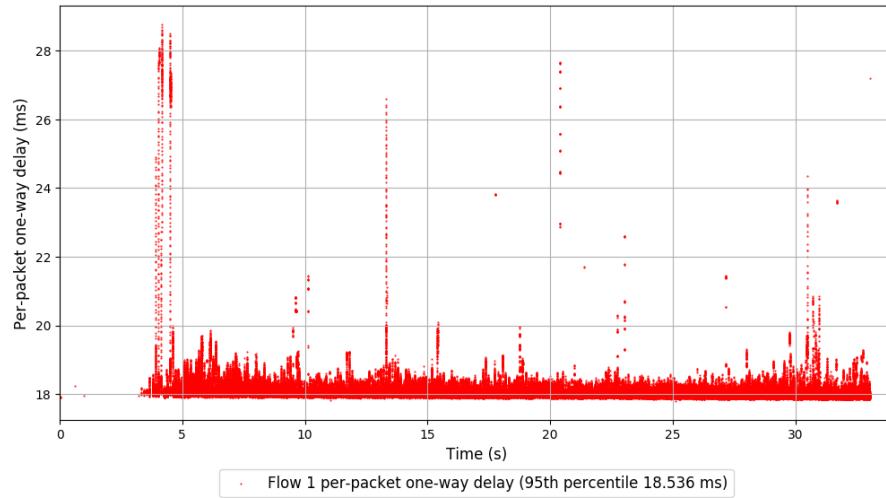
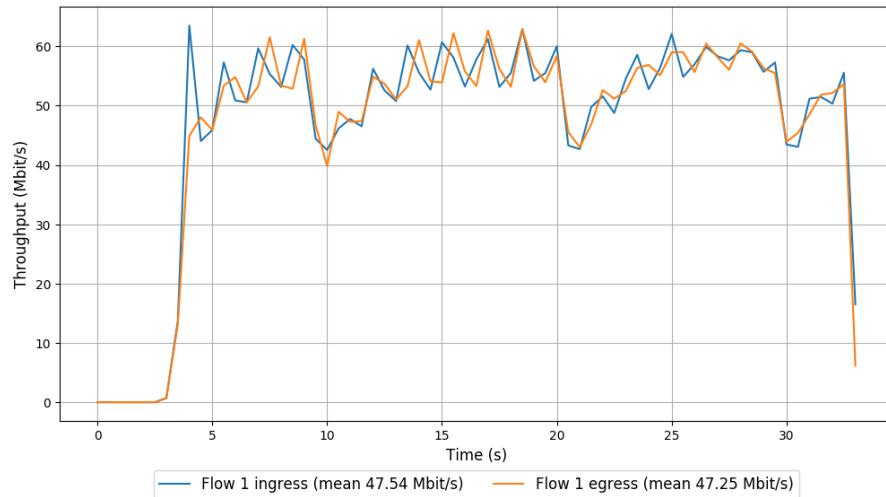


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:53:20 +0000
End at: Tue, 04 Jul 2017 05:53:50 +0000
Local clock offset: 0.138 ms
Remote clock offset: -39.804 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 18.536 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 18.536 ms
Loss rate: 0.93%
```

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 06:10:56 +0000
End at: Tue, 04 Jul 2017 06:11:27 +0000
Local clock offset: 0.093 ms
Remote clock offset: -42.662 ms

Run 6: Report of TCP Cubic — Data Link

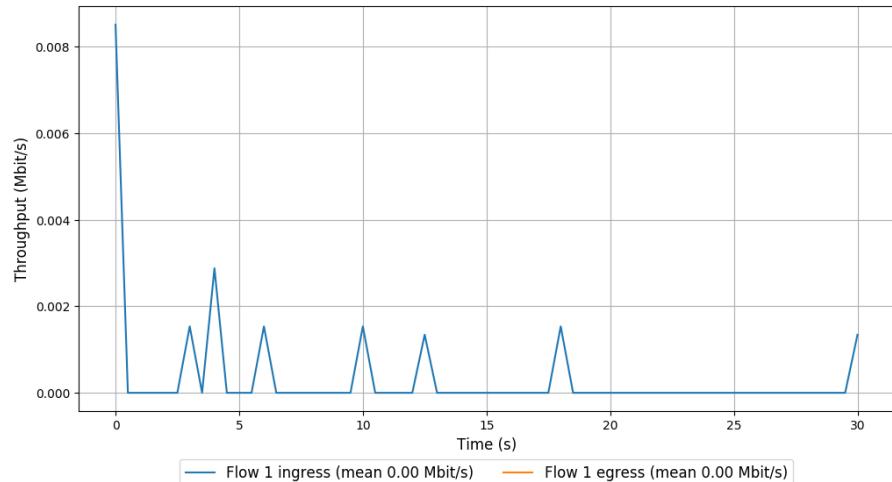


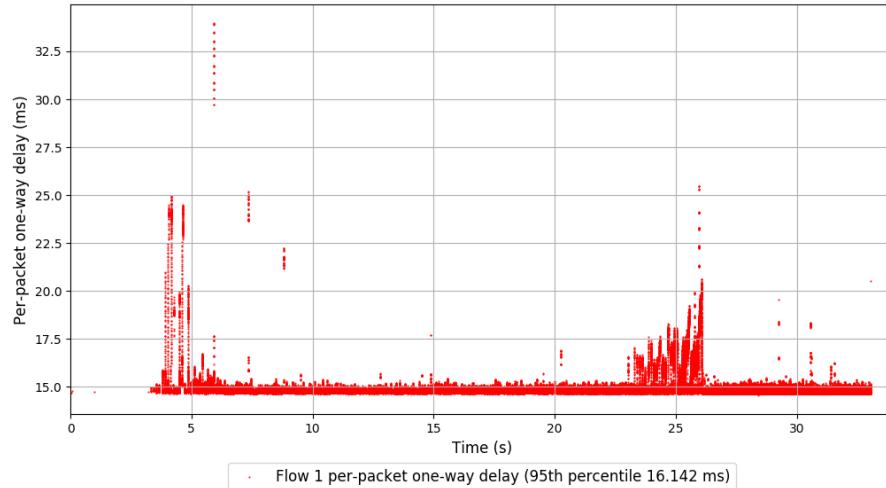
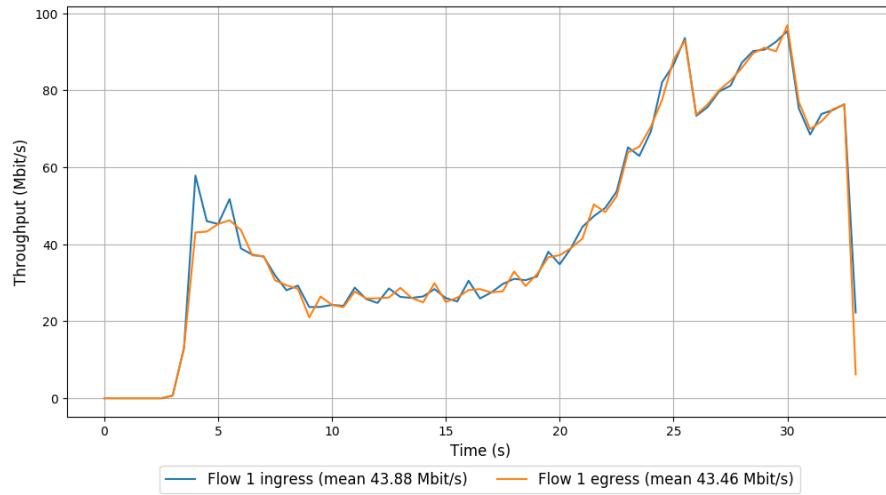
Figure is missing

Run 7: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:28:21 +0000
End at: Tue, 04 Jul 2017 06:28:51 +0000
Local clock offset: 0.171 ms
Remote clock offset: -44.019 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.46 Mbit/s
95th percentile per-packet one-way delay: 16.142 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 43.46 Mbit/s
95th percentile per-packet one-way delay: 16.142 ms
Loss rate: 1.29%
```

Run 7: Report of TCP Cubic — Data Link

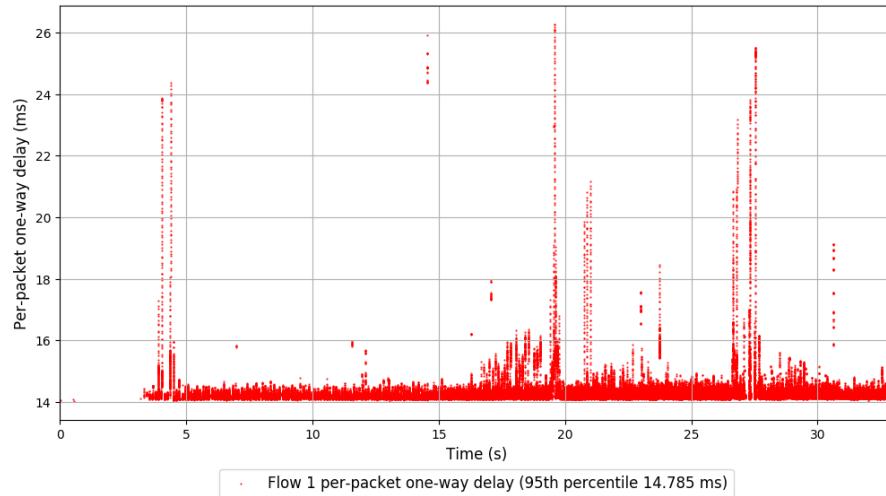
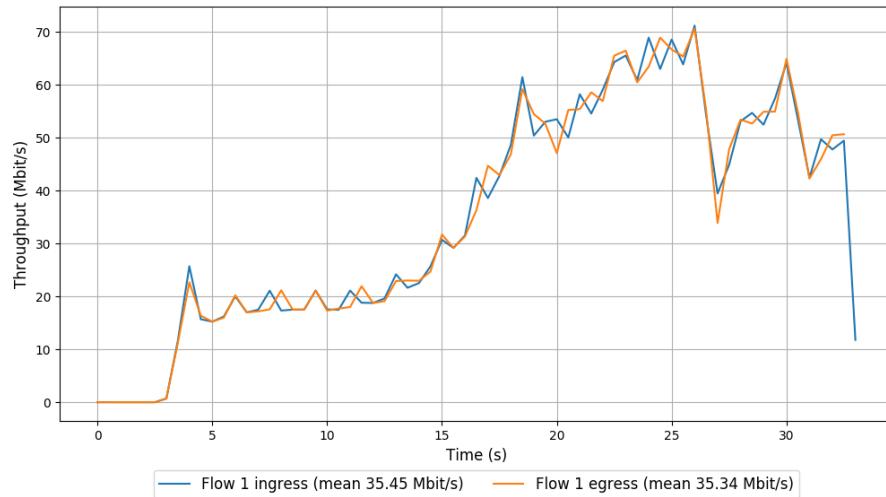


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:45:36 +0000
End at: Tue, 04 Jul 2017 06:46:06 +0000
Local clock offset: 0.182 ms
Remote clock offset: -43.994 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: 14.785 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: 14.785 ms
Loss rate: 0.73%
```

Run 8: Report of TCP Cubic — Data Link

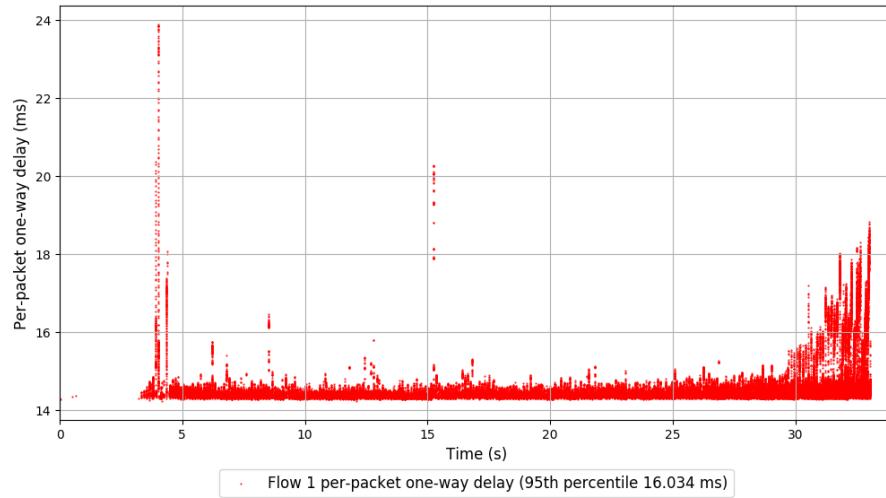
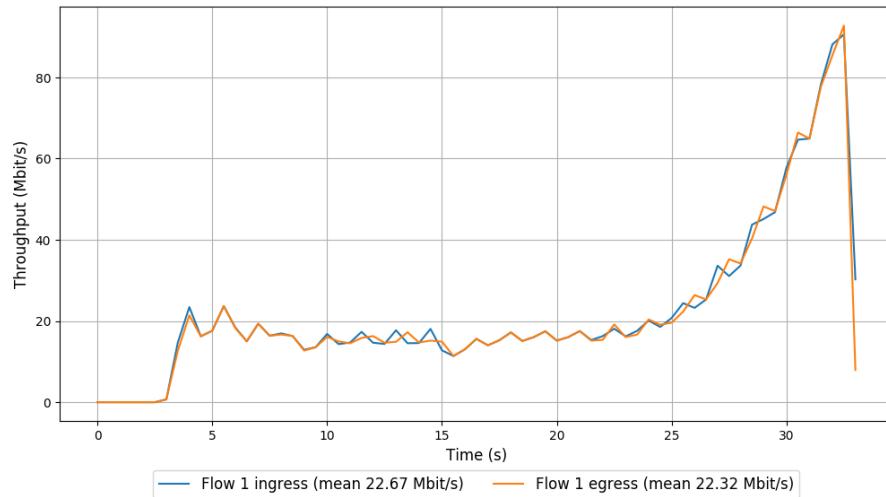


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 07:03:09 +0000
End at: Tue, 04 Jul 2017 07:03:39 +0000
Local clock offset: 0.189 ms
Remote clock offset: -43.187 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 16.034 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 16.034 ms
Loss rate: 1.90%
```

Run 9: Report of TCP Cubic — Data Link

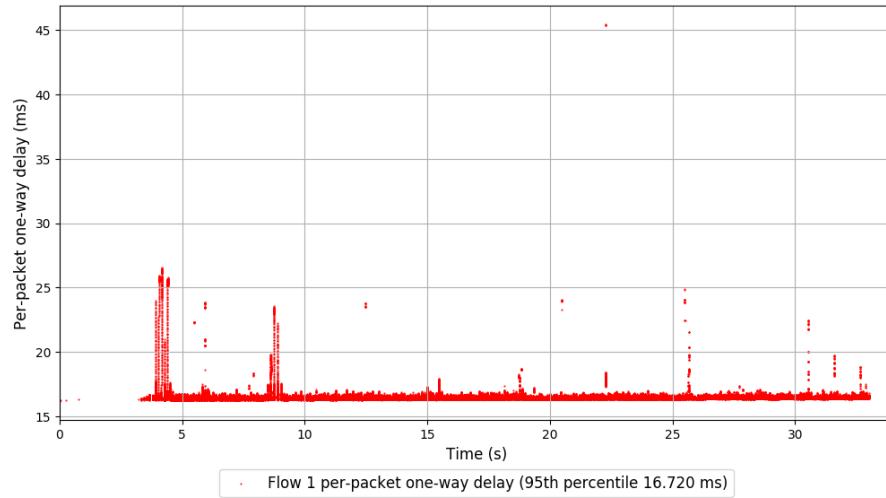
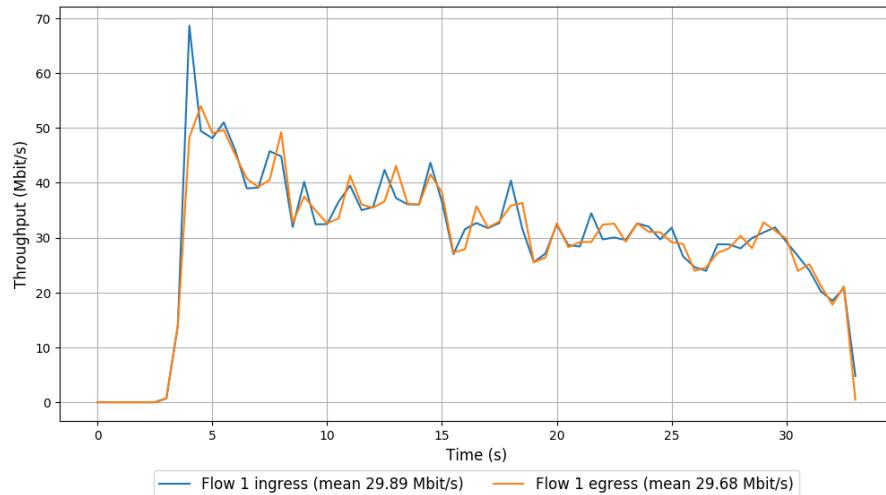


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 07:20:37 +0000
End at: Tue, 04 Jul 2017 07:21:07 +0000
Local clock offset: 0.108 ms
Remote clock offset: -42.138 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 16.720 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 16.720 ms
Loss rate: 1.06%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:34:02 +0000
```

```
End at: Tue, 04 Jul 2017 04:34:32 +0000
```

```
Local clock offset: 0.188 ms
```

```
Remote clock offset: -28.542 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:18 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.749 ms
```

```
Loss rate: 0.40%
```

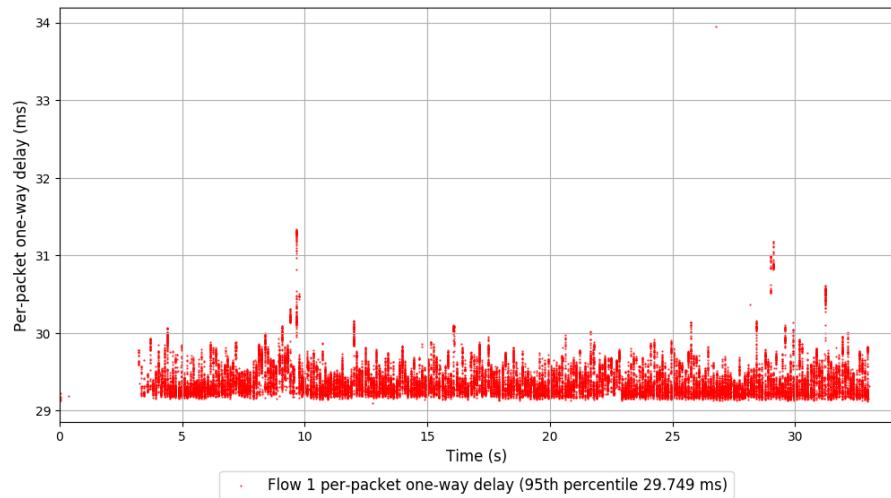
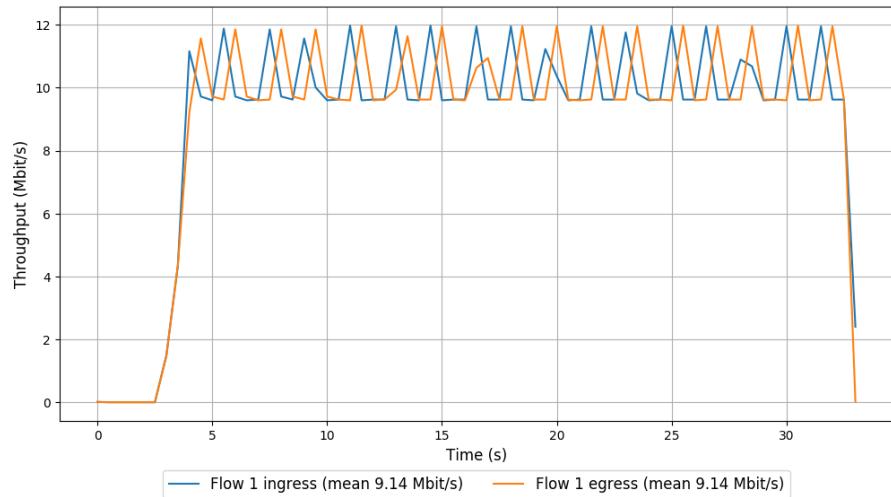
```
-- Flow 1:
```

```
Average throughput: 9.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.749 ms
```

```
Loss rate: 0.40%
```

Run 1: Report of KohoCC — Data Link

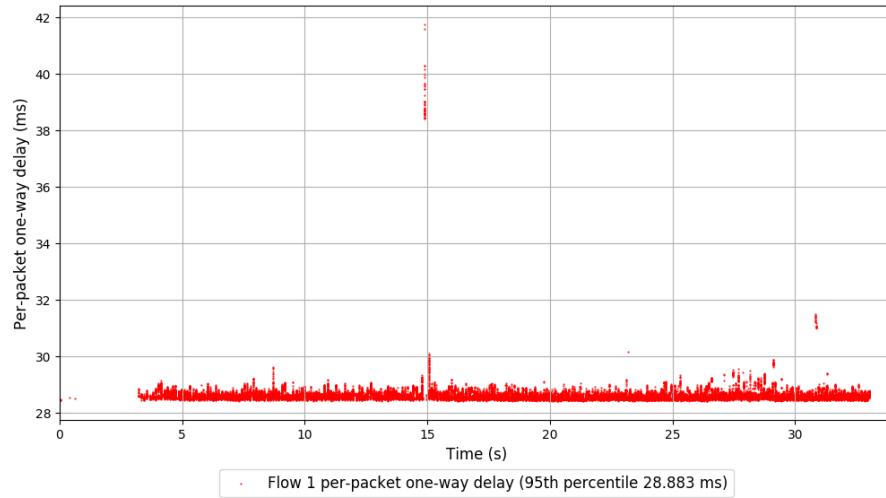
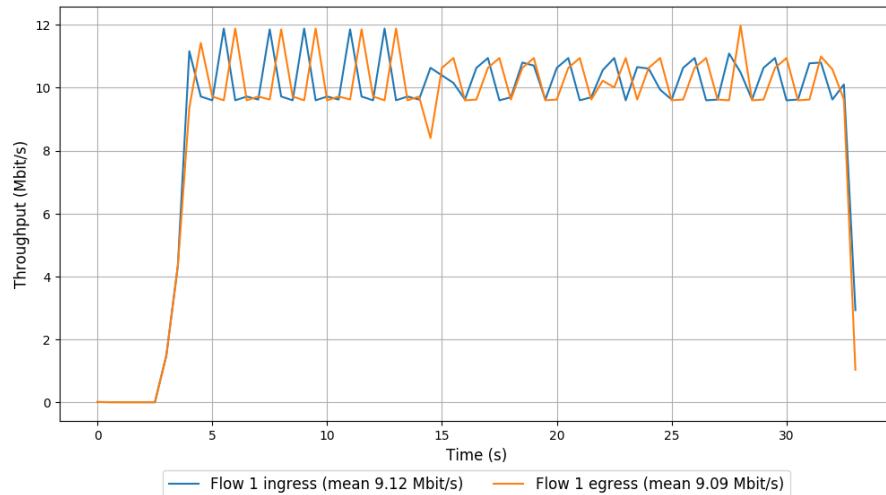


Run 2: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:51:36 +0000
End at: Tue, 04 Jul 2017 04:52:06 +0000
Local clock offset: 0.21 ms
Remote clock offset: -29.429 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 28.883 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 28.883 ms
Loss rate: 0.60%
```

Run 2: Report of KohoCC — Data Link

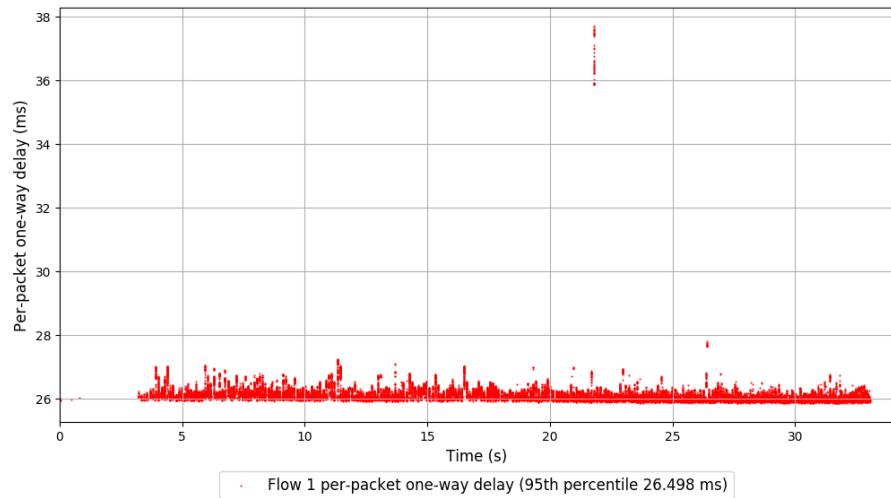
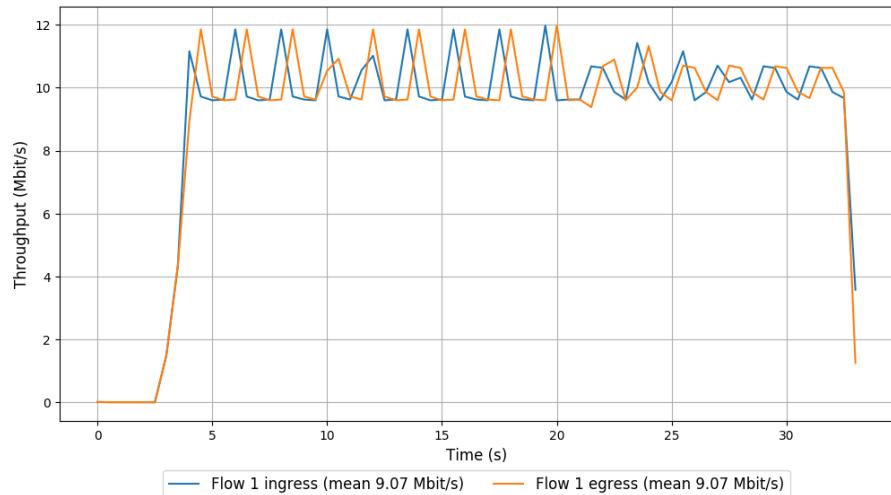


Run 3: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:09:03 +0000
End at: Tue, 04 Jul 2017 05:09:33 +0000
Local clock offset: 0.079 ms
Remote clock offset: -32.366 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 26.498 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 26.498 ms
Loss rate: 0.44%
```

Run 3: Report of KohoCC — Data Link

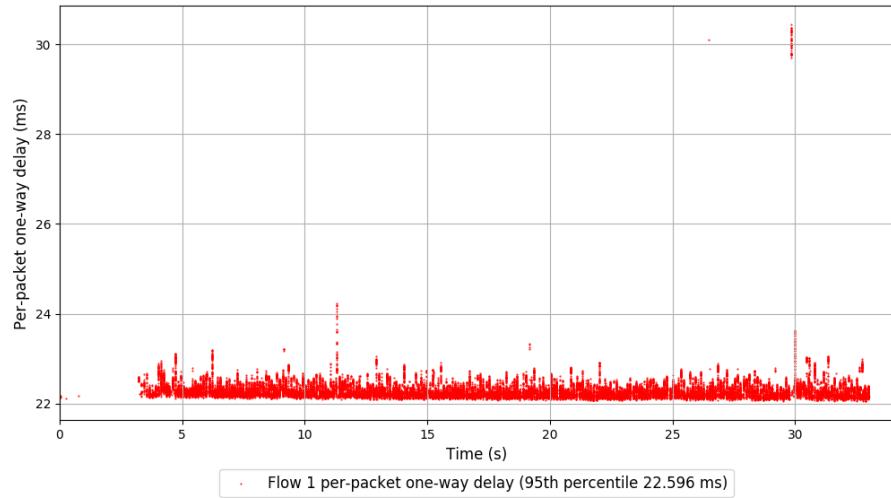
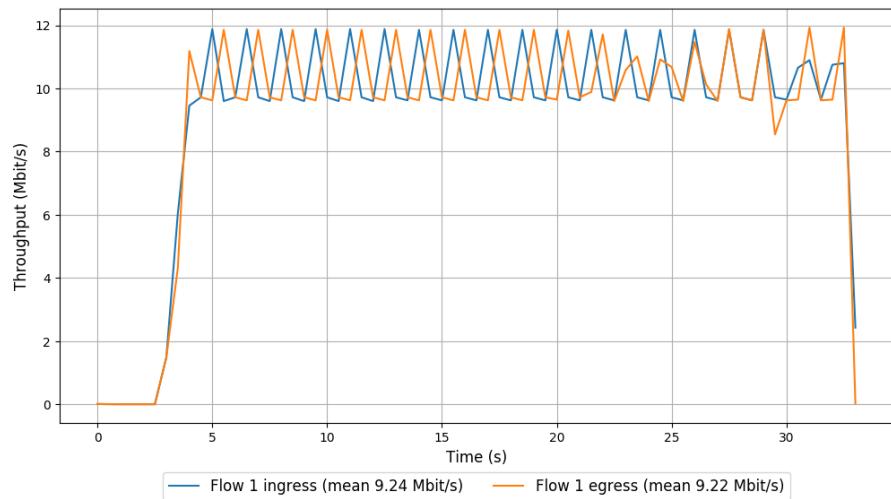


Run 4: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:26:33 +0000
End at: Tue, 04 Jul 2017 05:27:03 +0000
Local clock offset: 0.099 ms
Remote clock offset: -34.952 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 22.596 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 22.596 ms
Loss rate: 0.58%
```

Run 4: Report of KohoCC — Data Link

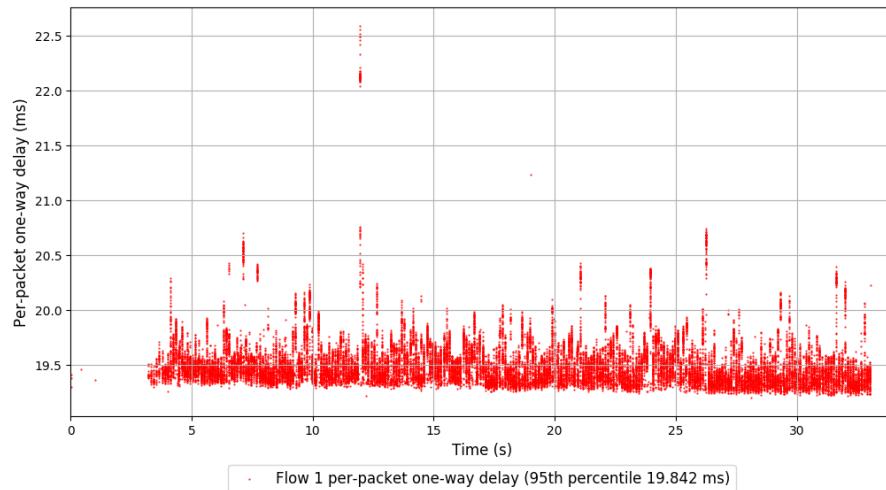
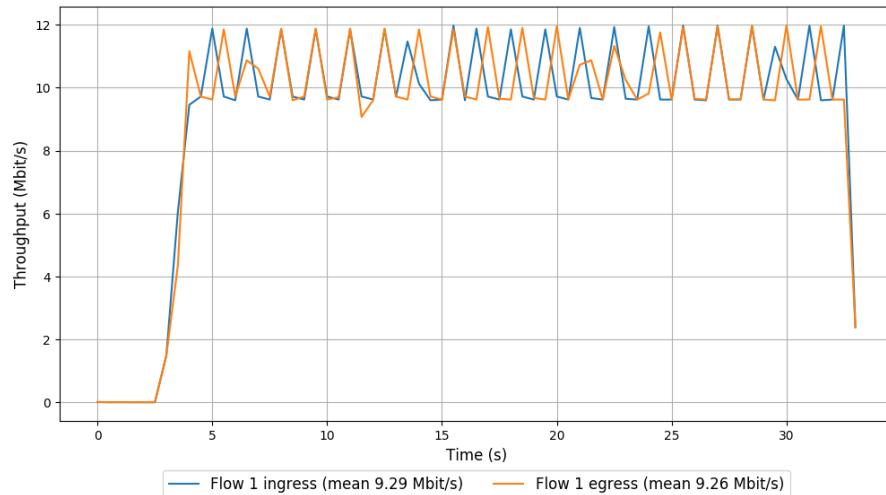


Run 5: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:43:57 +0000
End at: Tue, 04 Jul 2017 05:44:27 +0000
Local clock offset: 0.226 ms
Remote clock offset: -38.479 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 19.842 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 19.842 ms
Loss rate: 0.49%
```

Run 5: Report of KohoCC — Data Link

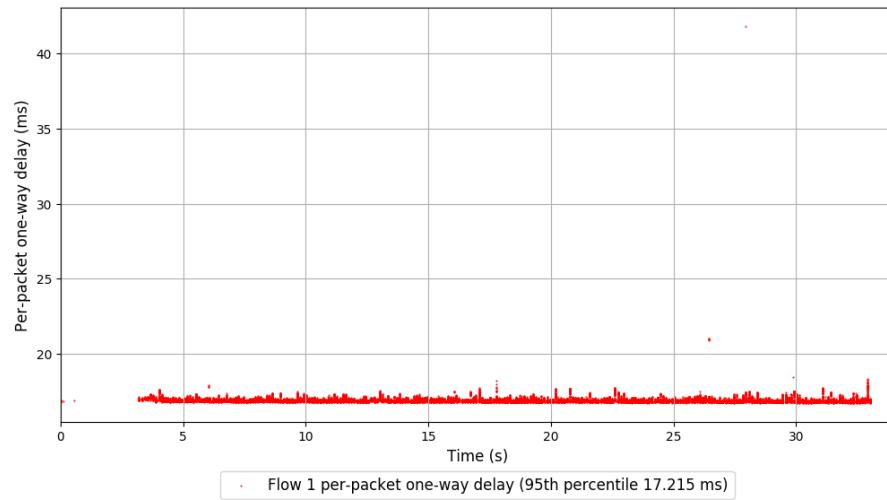
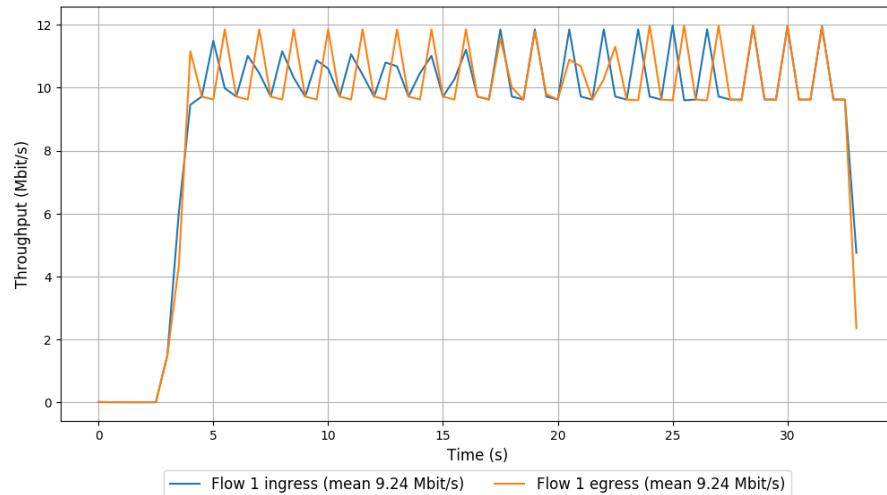


Run 6: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:01:31 +0000
End at: Tue, 04 Jul 2017 06:02:01 +0000
Local clock offset: 0.089 ms
Remote clock offset: -41.06 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 17.215 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 17.215 ms
Loss rate: 0.39%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 06:19:02 +0000

End at: Tue, 04 Jul 2017 06:19:32 +0000

Local clock offset: 0.194 ms

Remote clock offset: -43.209 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:05:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.13 Mbit/s

95th percentile per-packet one-way delay: 15.141 ms

Loss rate: 0.63%

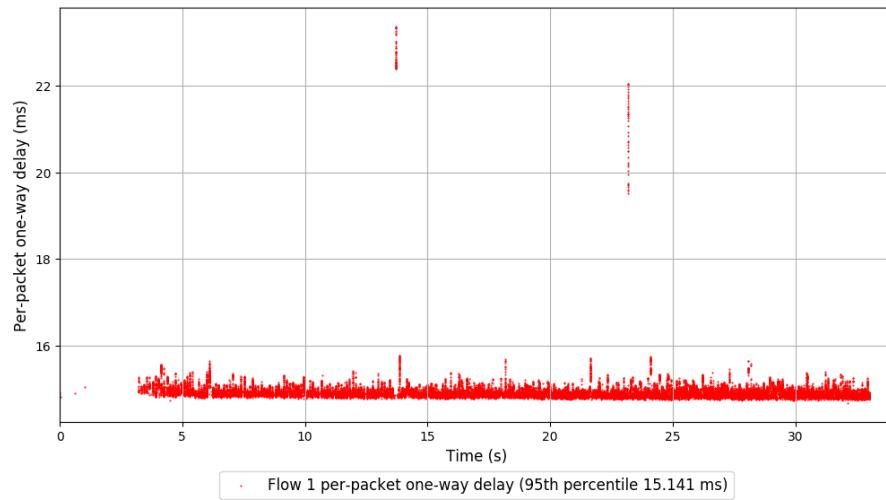
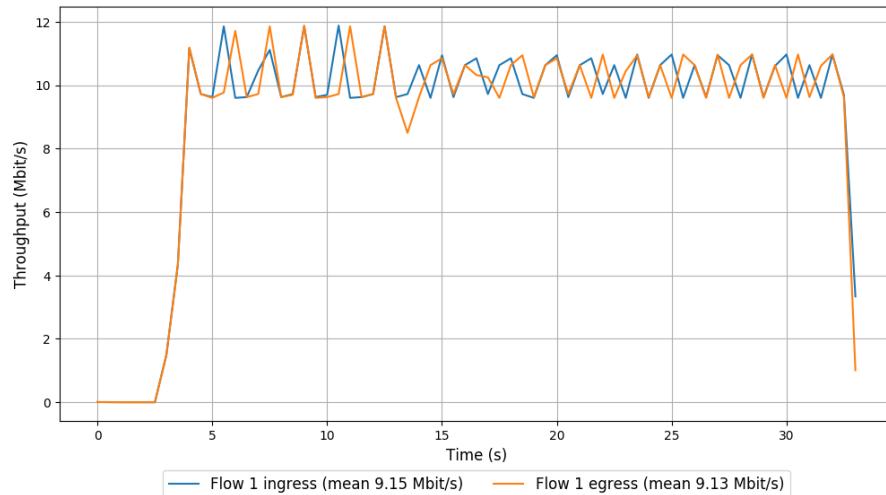
-- Flow 1:

Average throughput: 9.13 Mbit/s

95th percentile per-packet one-way delay: 15.141 ms

Loss rate: 0.63%

Run 7: Report of KohoCC — Data Link

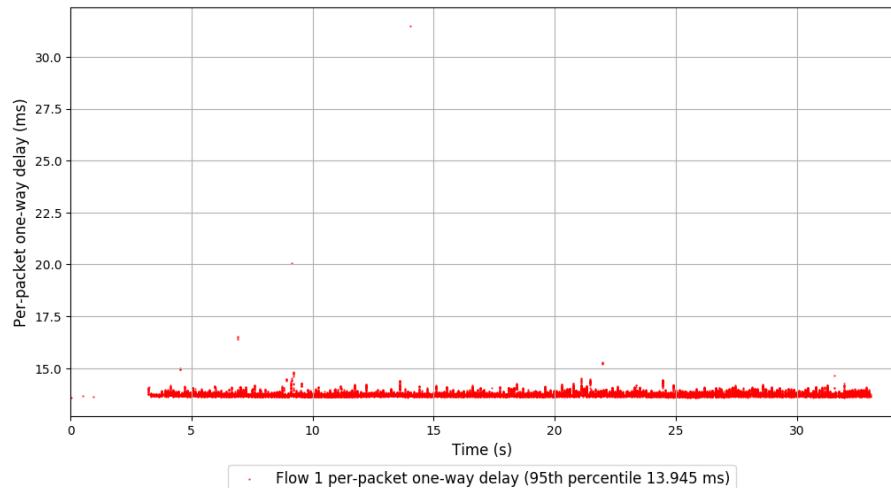
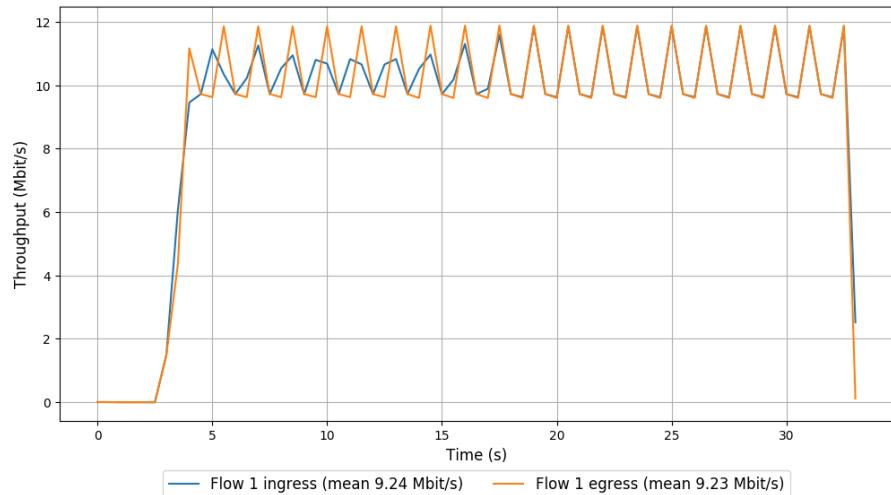


Run 8: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:36:20 +0000
End at: Tue, 04 Jul 2017 06:36:50 +0000
Local clock offset: 0.115 ms
Remote clock offset: -44.044 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 13.945 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 13.945 ms
Loss rate: 0.39%
```

Run 8: Report of KohoCC — Data Link

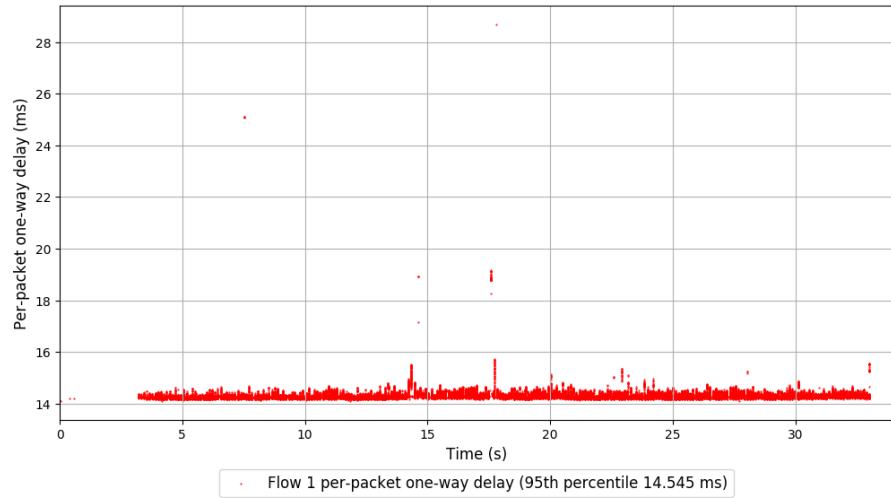
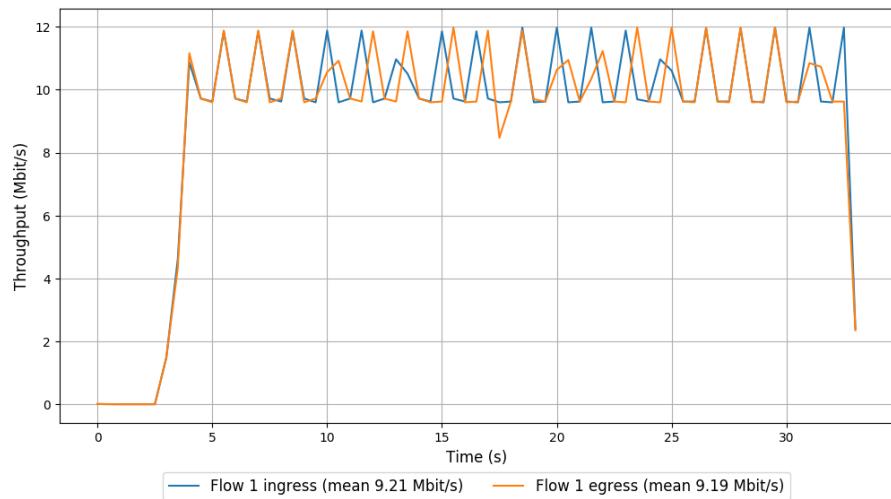


Run 9: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:53:45 +0000
End at: Tue, 04 Jul 2017 06:54:15 +0000
Local clock offset: 0.103 ms
Remote clock offset: -43.728 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 14.545 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 14.545 ms
Loss rate: 0.59%
```

Run 9: Report of KohoCC — Data Link

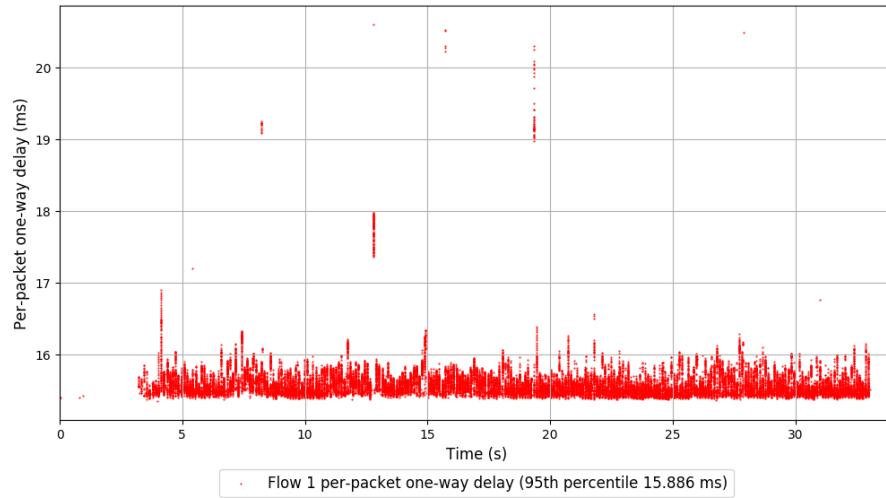
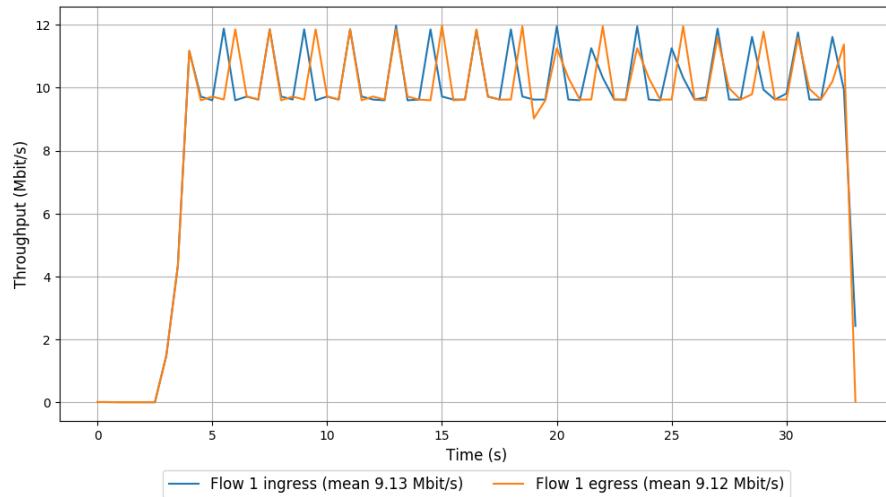


Run 10: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 07:11:17 +0000
End at: Tue, 04 Jul 2017 07:11:47 +0000
Local clock offset: 0.099 ms
Remote clock offset: -43.087 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 15.886 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 15.886 ms
Loss rate: 0.50%
```

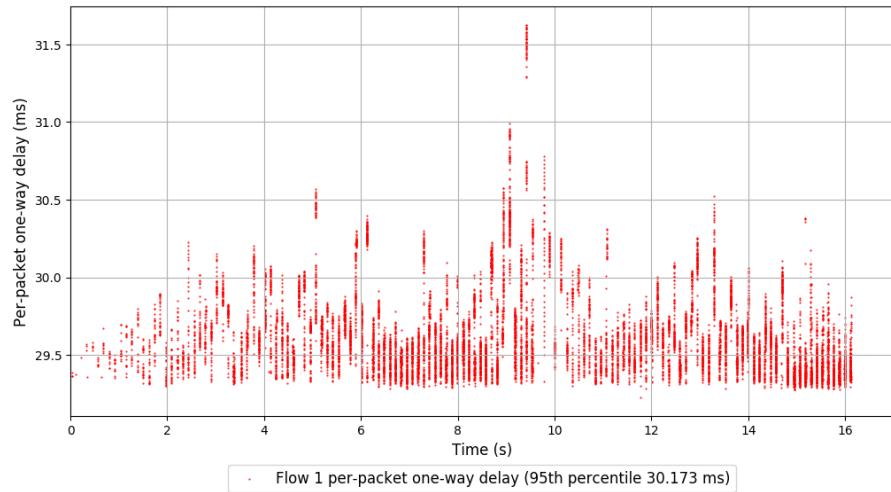
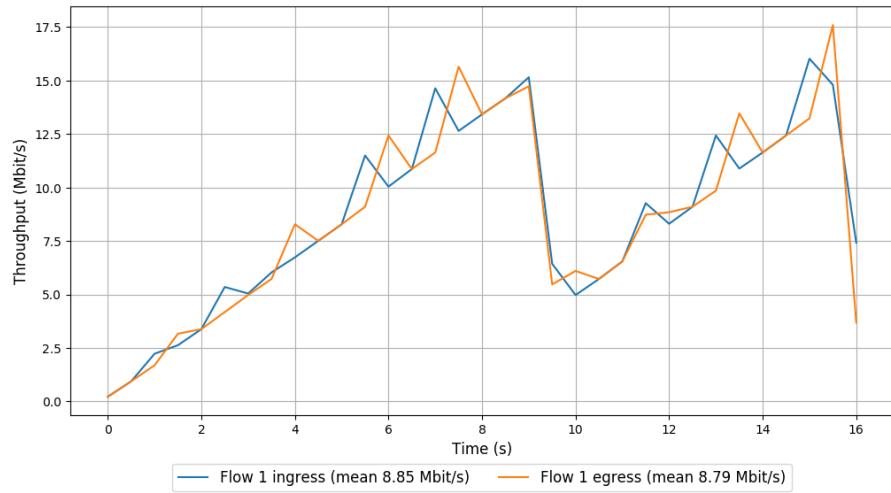
Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 04:39:49 +0000
End at: Tue, 04 Jul 2017 04:40:19 +0000
Local clock offset: 0.222 ms
Remote clock offset: -29.154 ms

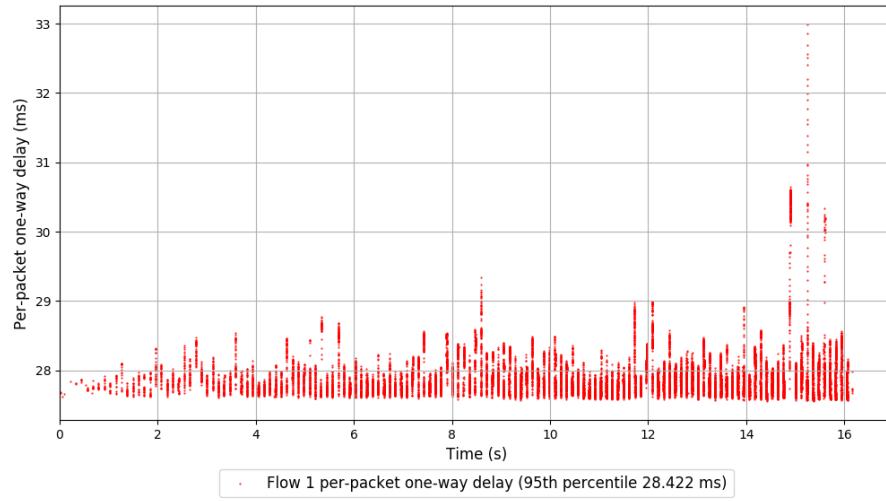
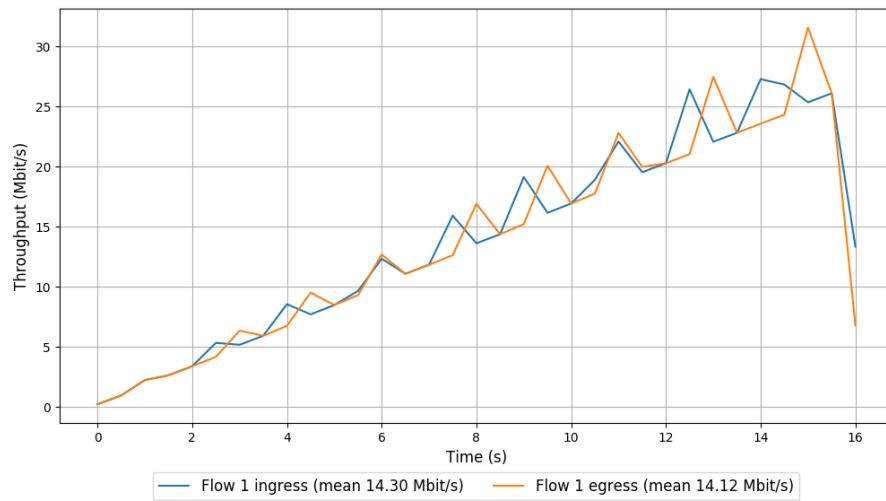
Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 04:57:24 +0000
End at: Tue, 04 Jul 2017 04:57:54 +0000
Local clock offset: 0.22 ms
Remote clock offset: -30.173 ms

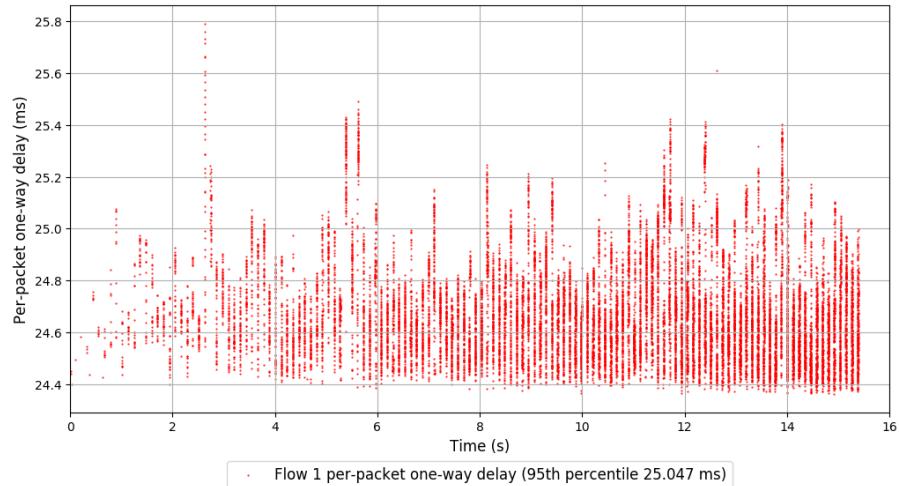
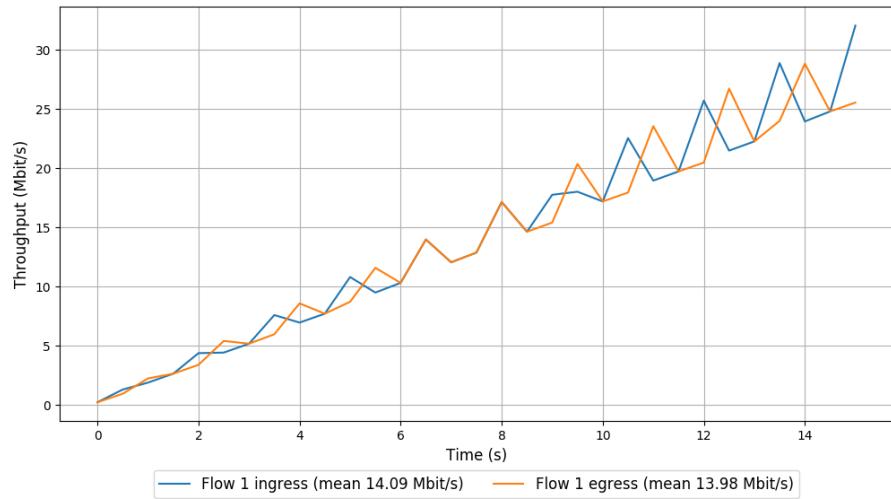
Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 05:14:50 +0000
End at: Tue, 04 Jul 2017 05:15:20 +0000
Local clock offset: 0.169 ms
Remote clock offset: -33.152 ms

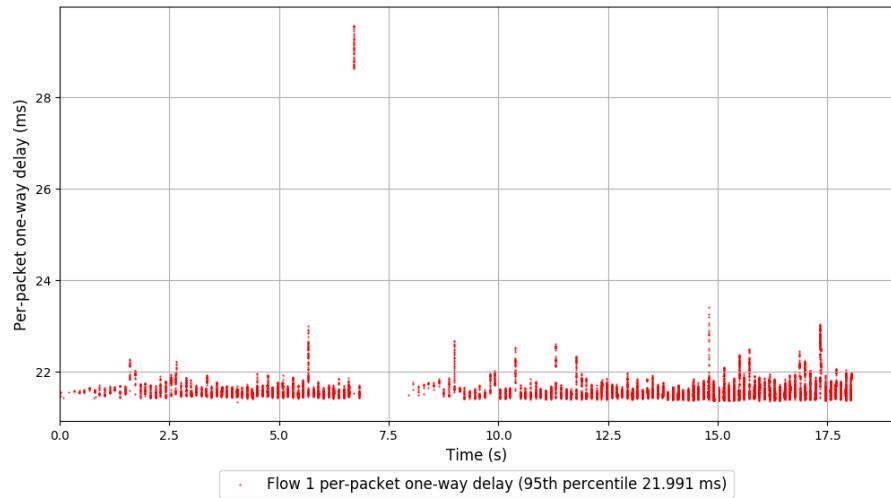
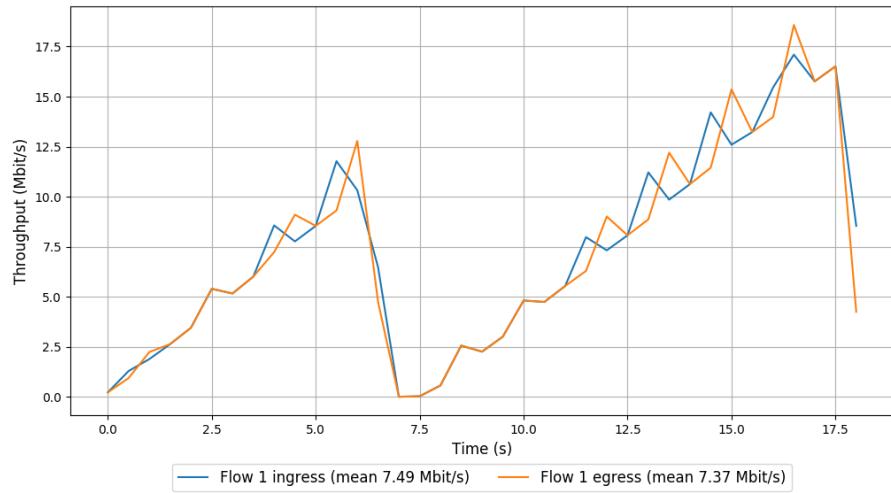
Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 05:32:21 +0000
End at: Tue, 04 Jul 2017 05:32:51 +0000
Local clock offset: 0.222 ms
Remote clock offset: -36.309 ms

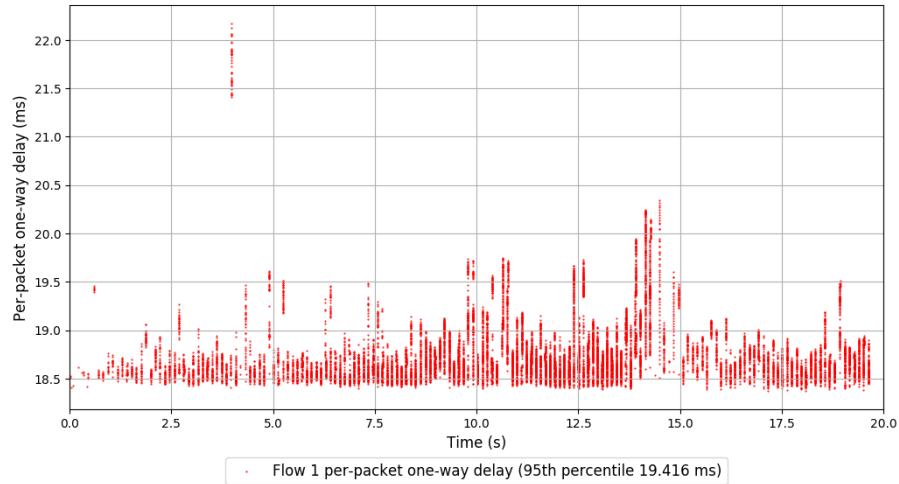
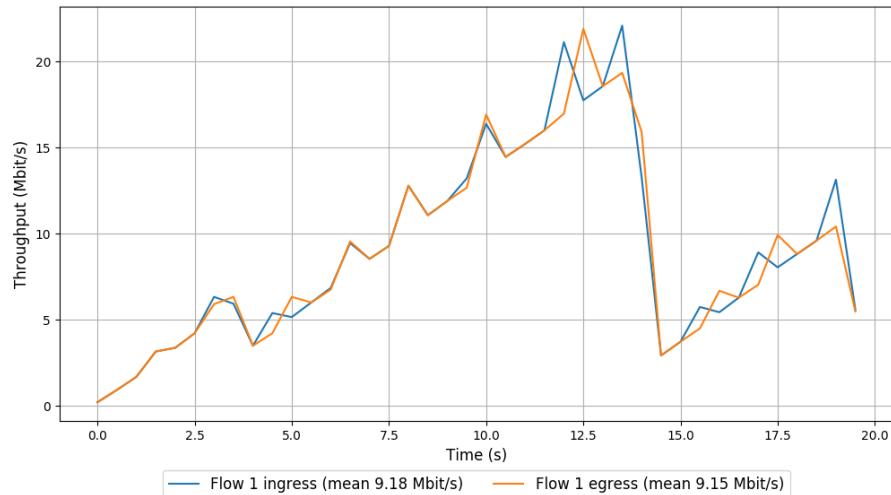
Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 05:49:45 +0000
End at: Tue, 04 Jul 2017 05:50:15 +0000
Local clock offset: 0.186 ms
Remote clock offset: -39.799 ms

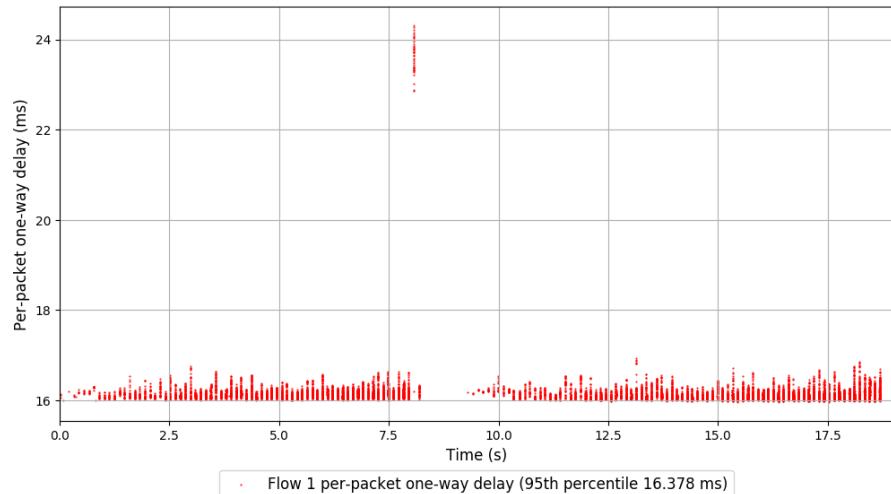
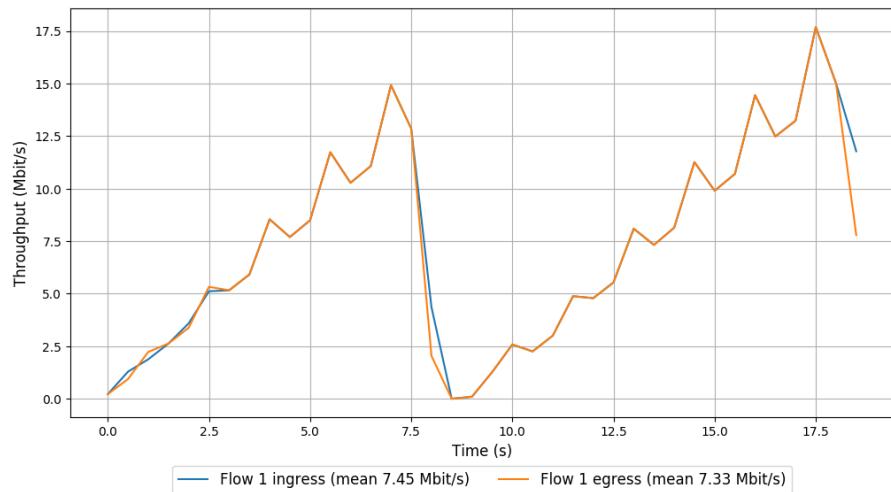
Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 06:07:21 +0000
End at: Tue, 04 Jul 2017 06:07:51 +0000
Local clock offset: 0.146 ms
Remote clock offset: -42.08 ms

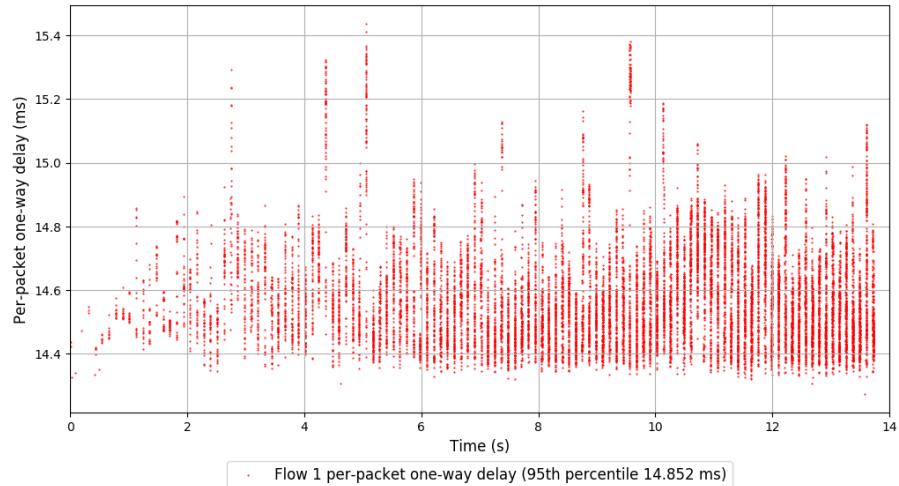
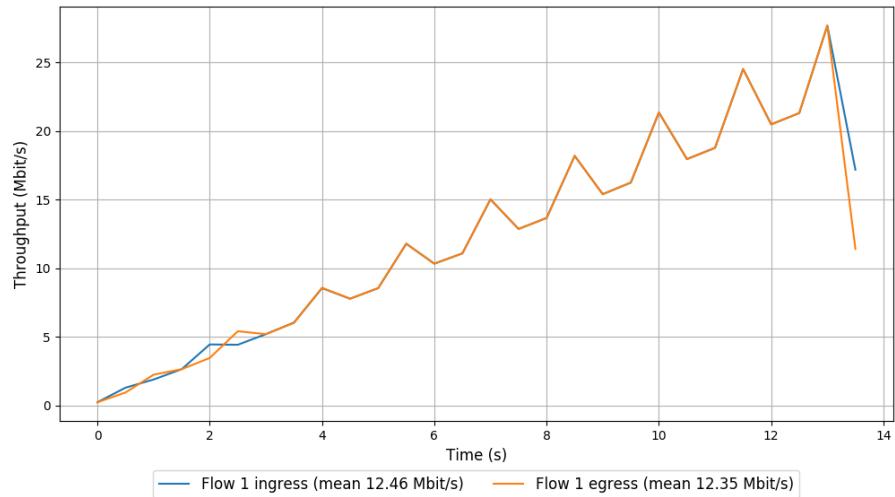
Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 06:24:51 +0000
End at: Tue, 04 Jul 2017 06:25:21 +0000
Local clock offset: 0.18 ms
Remote clock offset: -43.737 ms

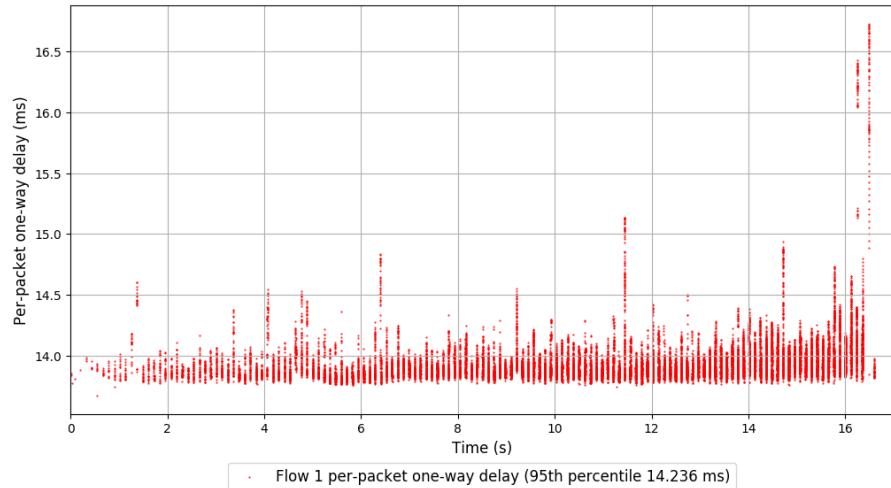
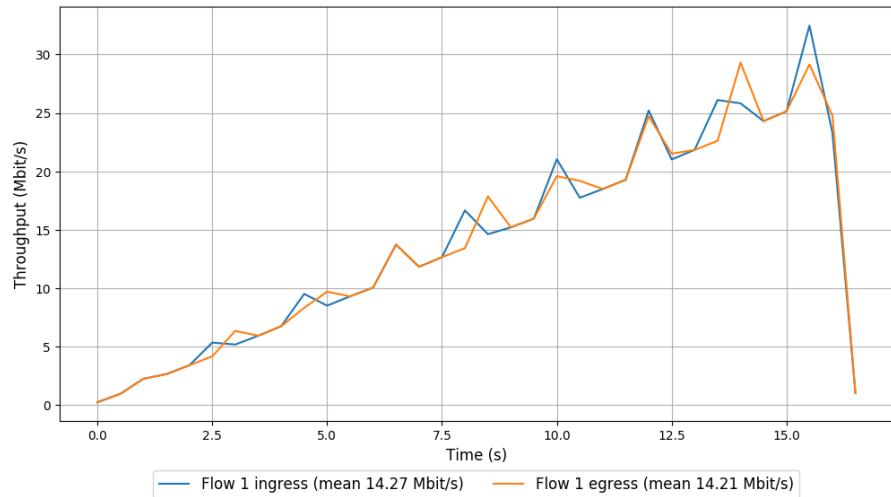
Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 06:42:08 +0000
End at: Tue, 04 Jul 2017 06:42:38 +0000
Local clock offset: 0.134 ms
Remote clock offset: -44.066 ms

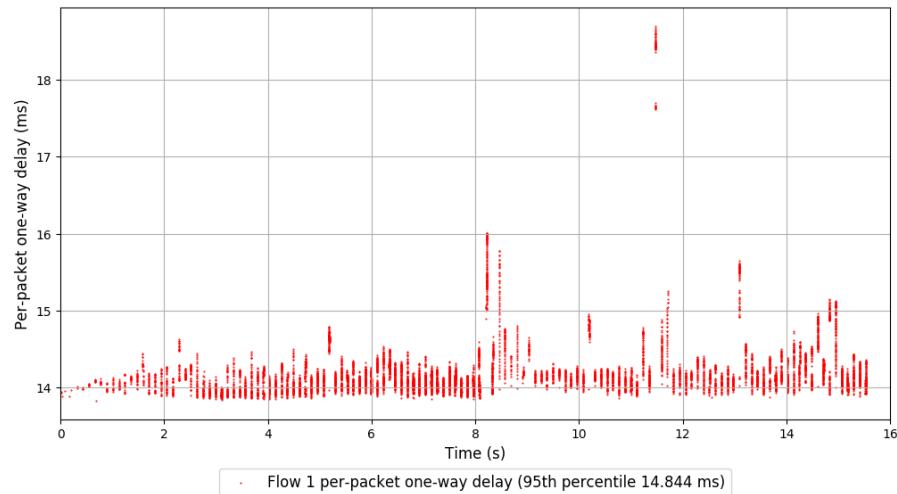
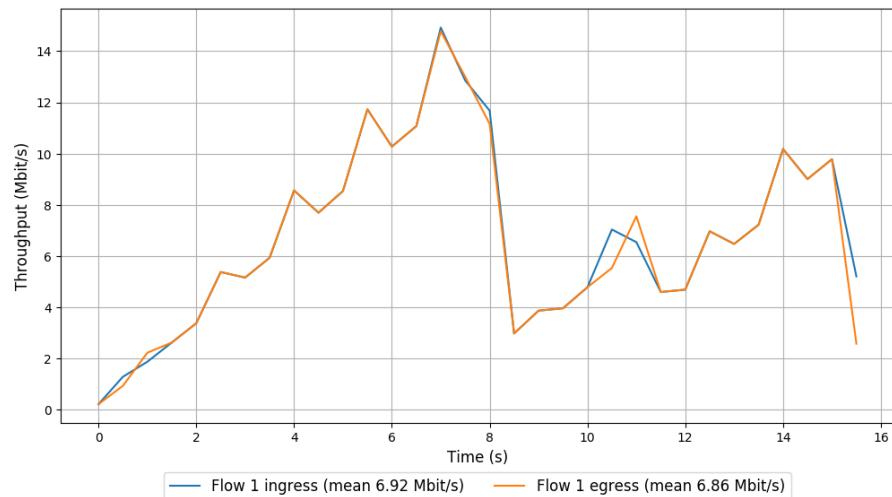
Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 06:59:34 +0000
End at: Tue, 04 Jul 2017 07:00:04 +0000
Local clock offset: 0.182 ms
Remote clock offset: -43.457 ms

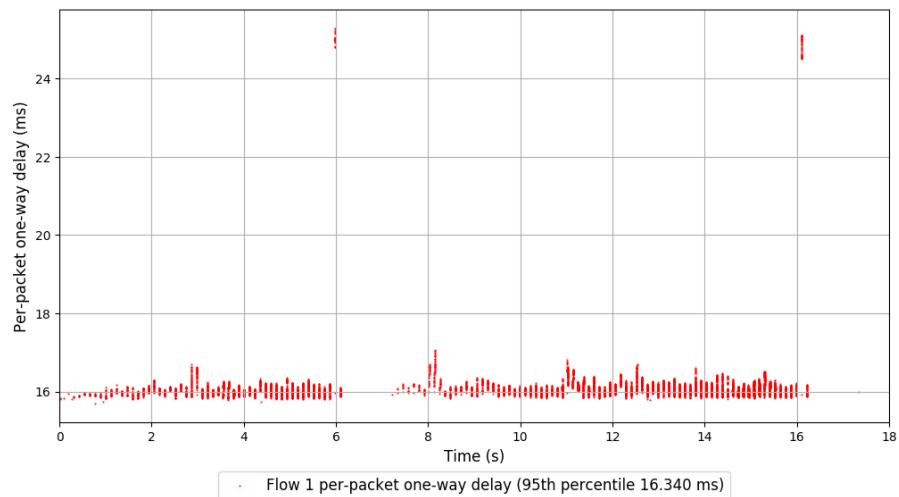
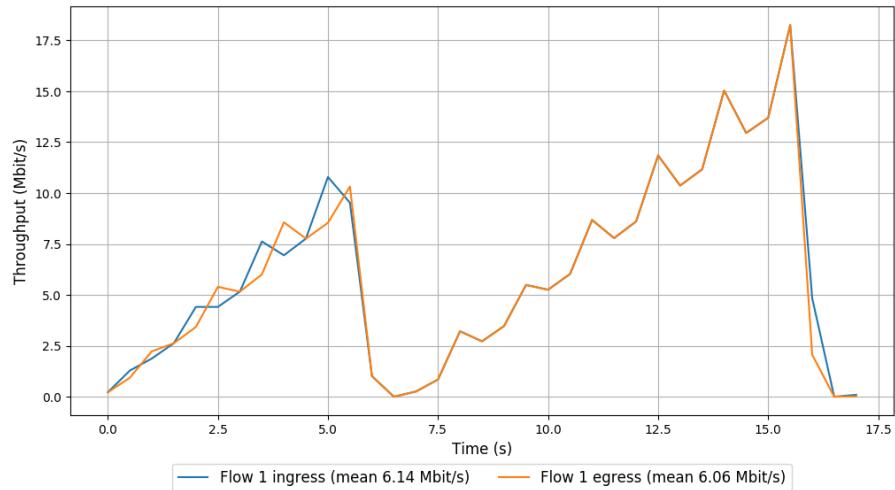
Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Tue, 04 Jul 2017 07:17:06 +0000
End at: Tue, 04 Jul 2017 07:17:36 +0000
Local clock offset: 0.113 ms
Remote clock offset: -42.779 ms

Run 10: Report of LEDBAT — Data Link

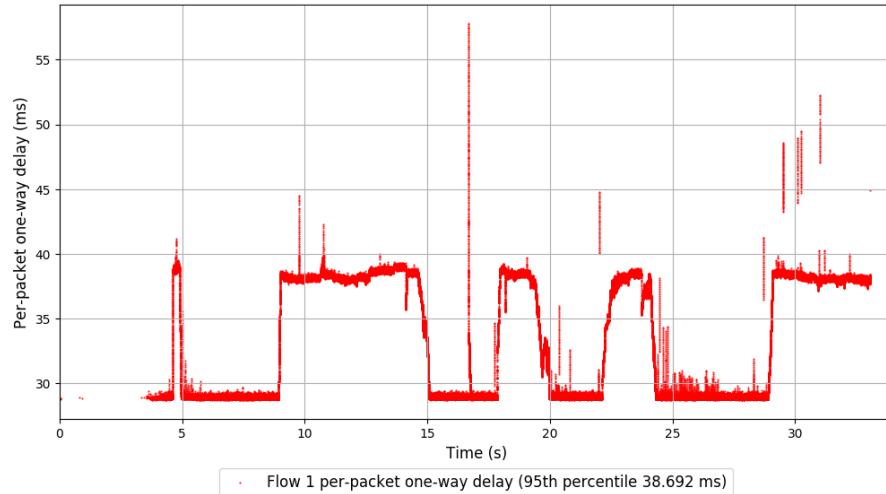
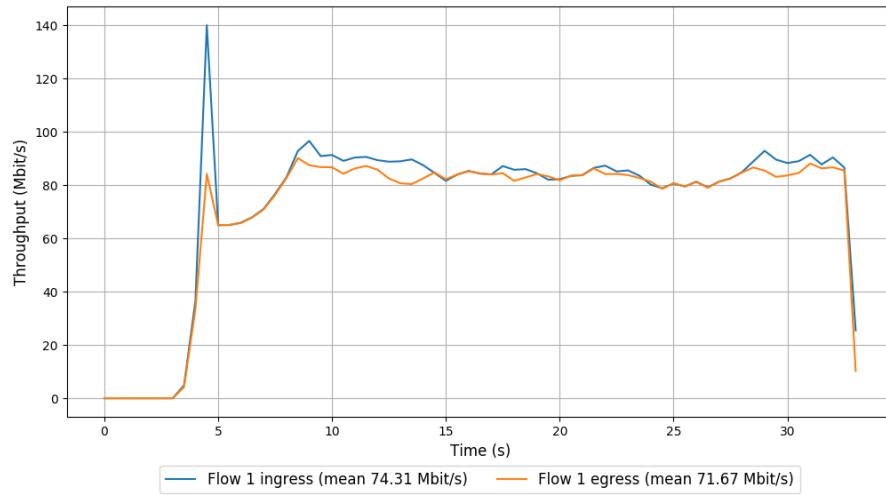


Run 1: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:42:12 +0000
End at: Tue, 04 Jul 2017 04:42:42 +0000
Local clock offset: 0.156 ms
Remote clock offset: -29.044 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.67 Mbit/s
95th percentile per-packet one-way delay: 38.692 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 71.67 Mbit/s
95th percentile per-packet one-way delay: 38.692 ms
Loss rate: 3.87%
```

Run 1: Report of PCC — Data Link

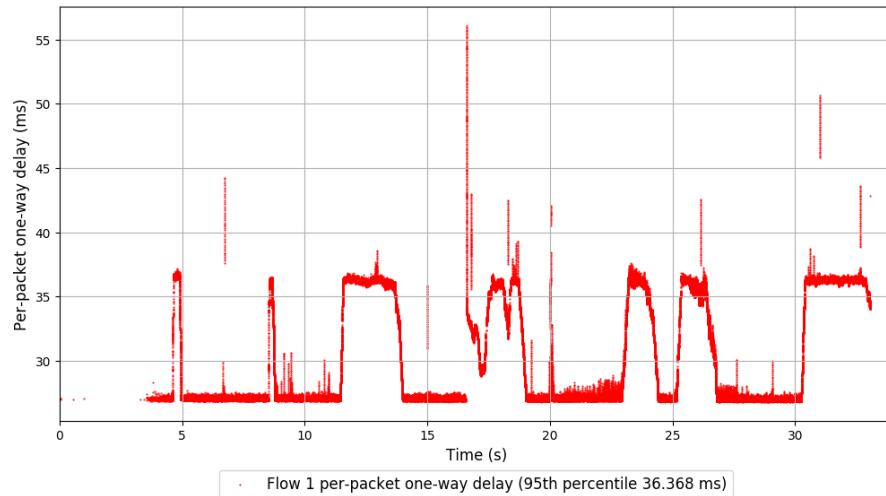
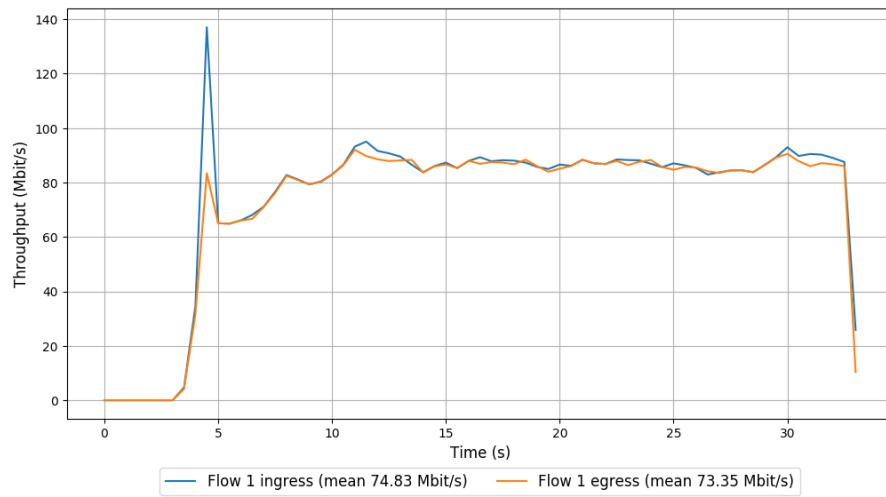


Run 2: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:59:43 +0000
End at: Tue, 04 Jul 2017 05:00:13 +0000
Local clock offset: 0.213 ms
Remote clock offset: -30.479 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 36.368 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 36.368 ms
Loss rate: 2.30%
```

Run 2: Report of PCC — Data Link

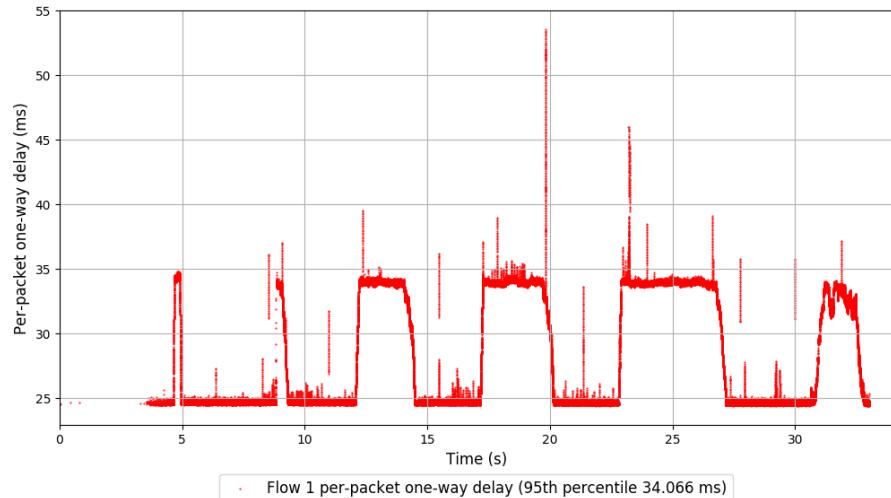
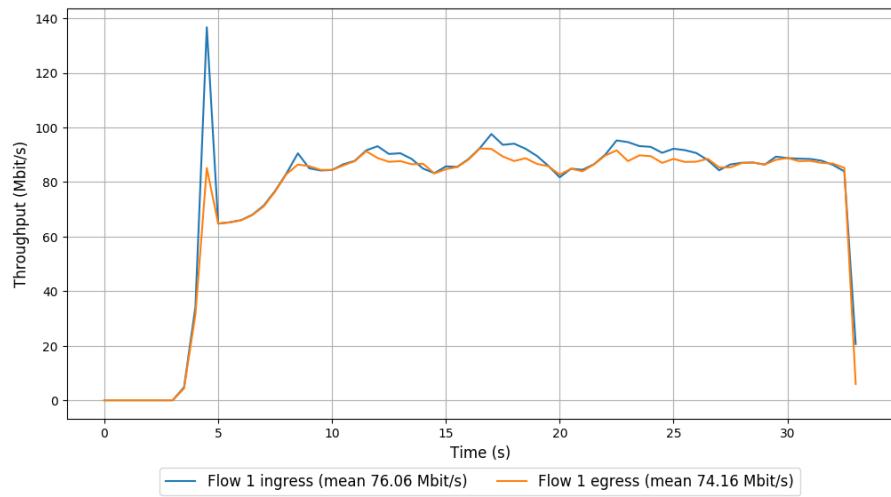


Run 3: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:17:09 +0000
End at: Tue, 04 Jul 2017 05:17:39 +0000
Local clock offset: 0.169 ms
Remote clock offset: -33.765 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.16 Mbit/s
95th percentile per-packet one-way delay: 34.066 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 74.16 Mbit/s
95th percentile per-packet one-way delay: 34.066 ms
Loss rate: 2.83%
```

Run 3: Report of PCC — Data Link

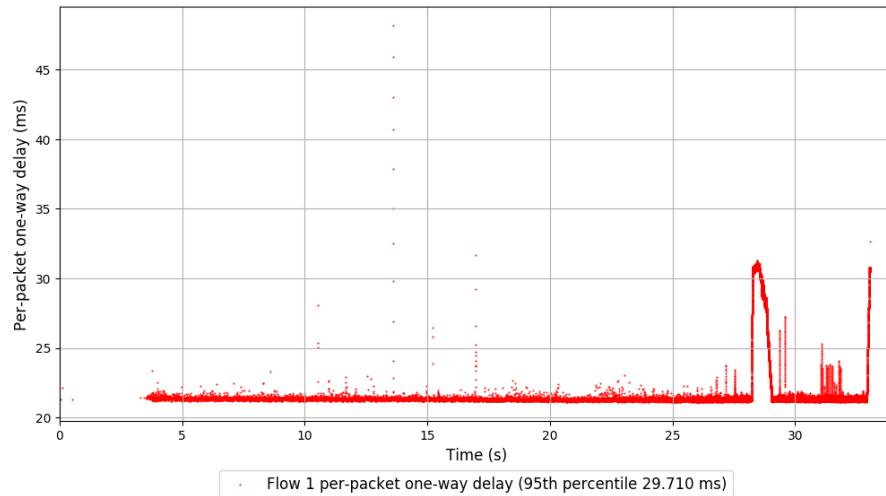
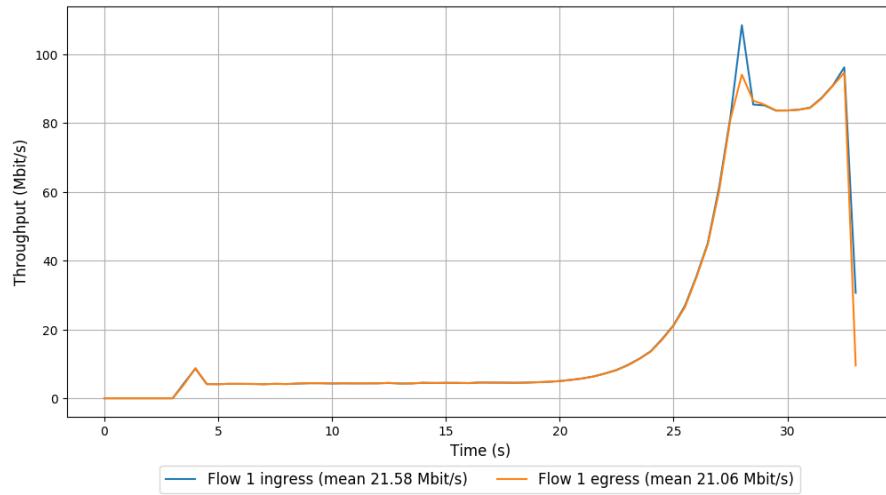


Run 4: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:34:46 +0000
End at: Tue, 04 Jul 2017 05:35:16 +0000
Local clock offset: 0.219 ms
Remote clock offset: -36.655 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:05:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.06 Mbit/s
95th percentile per-packet one-way delay: 29.710 ms
Loss rate: 2.79%
-- Flow 1:
Average throughput: 21.06 Mbit/s
95th percentile per-packet one-way delay: 29.710 ms
Loss rate: 2.79%
```

Run 4: Report of PCC — Data Link

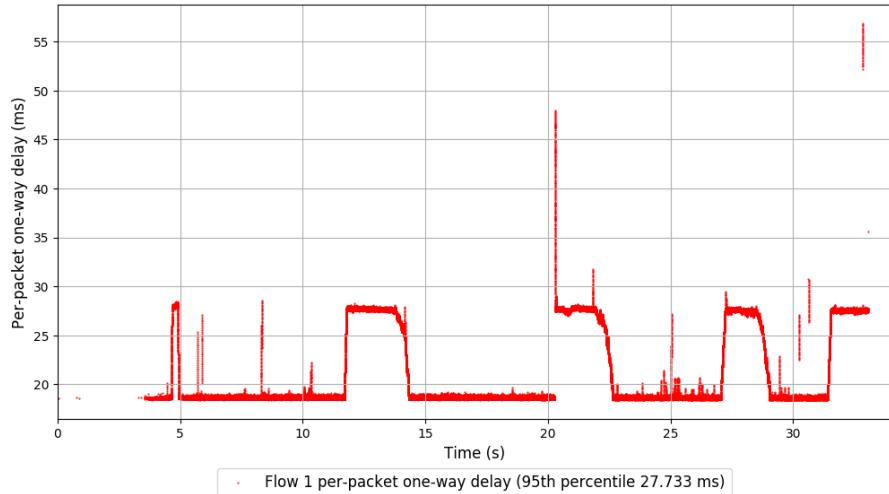
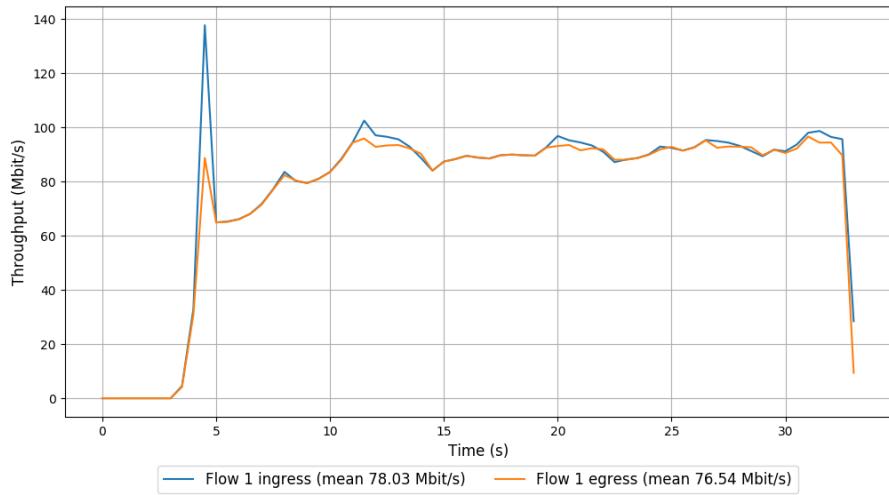


Run 5: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:52:09 +0000
End at: Tue, 04 Jul 2017 05:52:39 +0000
Local clock offset: 0.104 ms
Remote clock offset: -39.753 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 27.733 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 27.733 ms
Loss rate: 2.23%
```

Run 5: Report of PCC — Data Link

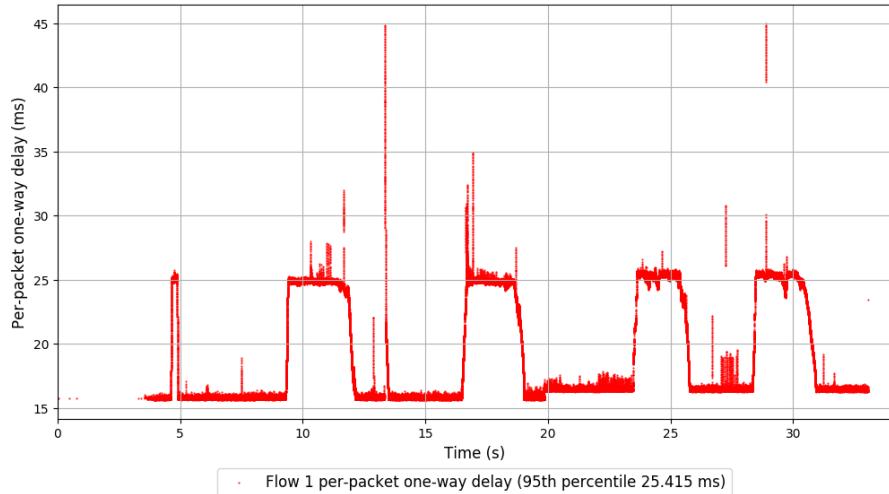
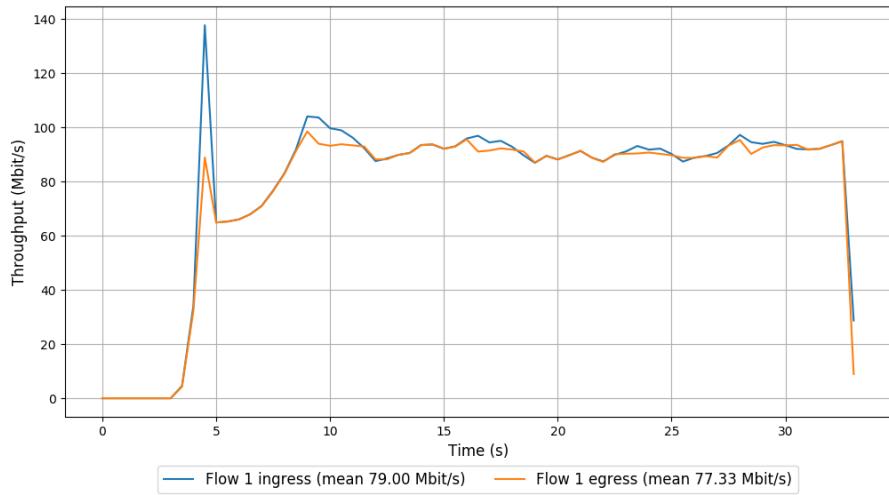


Run 6: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:09:46 +0000
End at: Tue, 04 Jul 2017 06:10:16 +0000
Local clock offset: 0.125 ms
Remote clock offset: -41.956 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 25.415 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 25.415 ms
Loss rate: 2.43%
```

Run 6: Report of PCC — Data Link

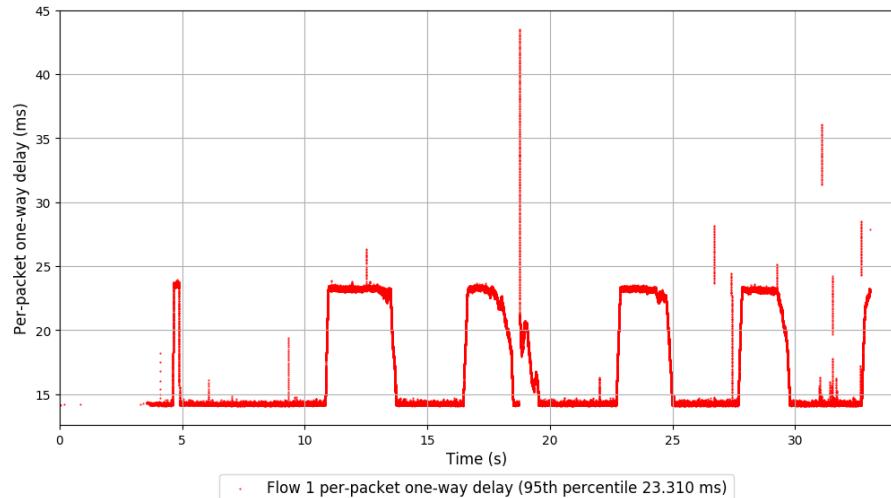
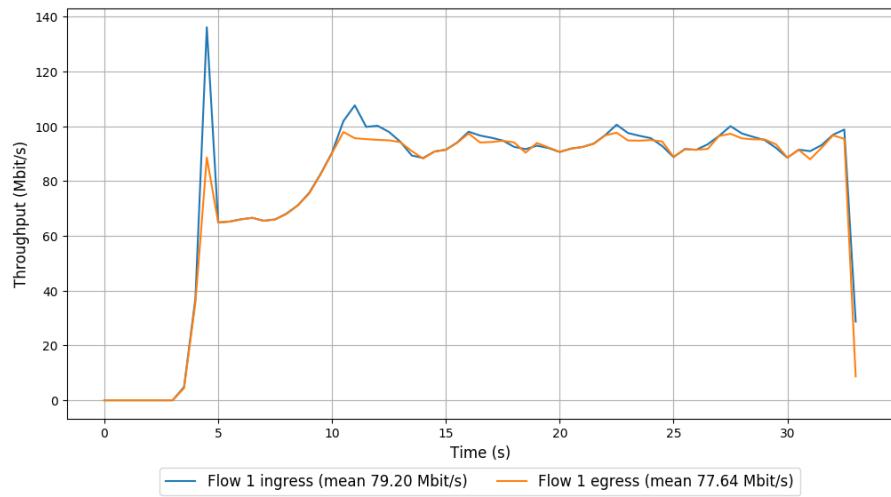


Run 7: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:27:11 +0000
End at: Tue, 04 Jul 2017 06:27:41 +0000
Local clock offset: 0.131 ms
Remote clock offset: -43.569 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 23.310 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 23.310 ms
Loss rate: 2.30%
```

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 04 Jul 2017 06:44:30 +0000
End at: Tue, 04 Jul 2017 06:45:00 +0000
Local clock offset: 0.206 ms
Remote clock offset: -44.151 ms

Run 8: Report of PCC — Data Link

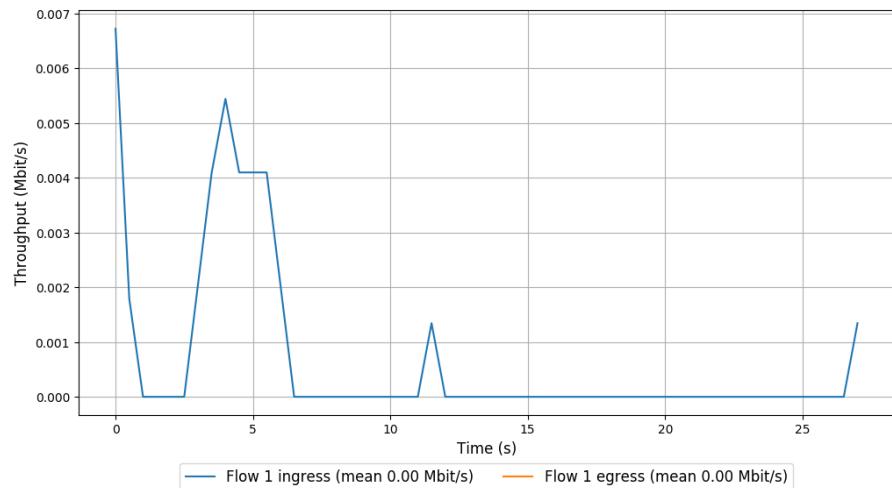


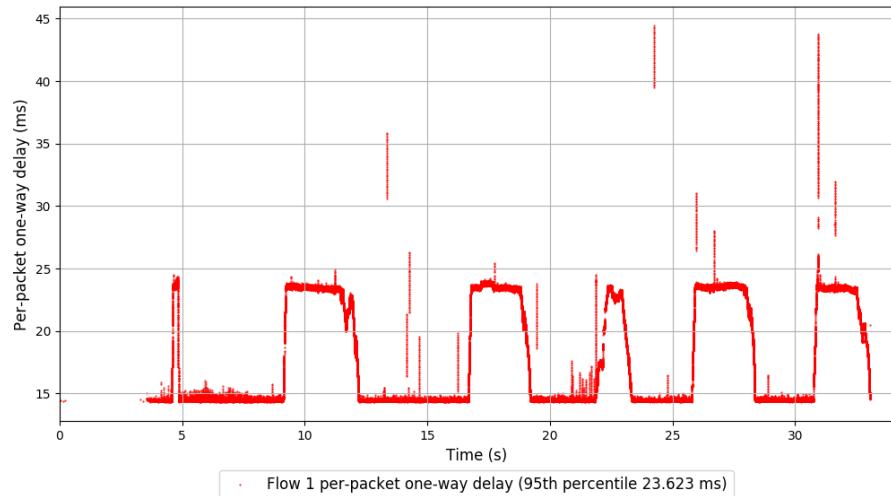
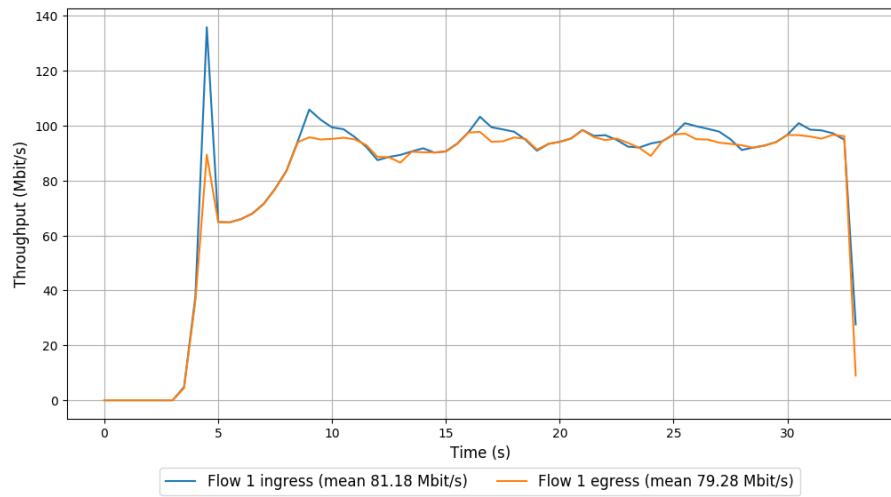
Figure is missing

Run 9: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 07:01:58 +0000
End at: Tue, 04 Jul 2017 07:02:28 +0000
Local clock offset: 0.16 ms
Remote clock offset: -43.632 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 23.623 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 23.623 ms
Loss rate: 2.67%
```

Run 9: Report of PCC — Data Link

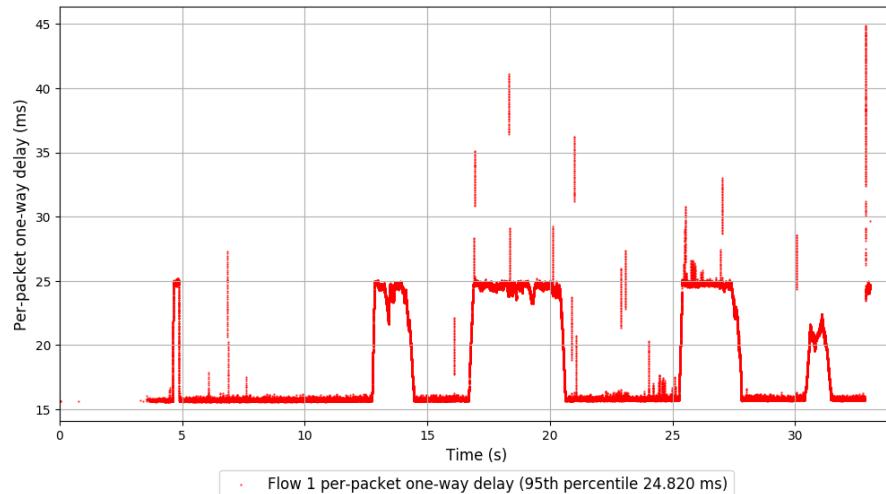
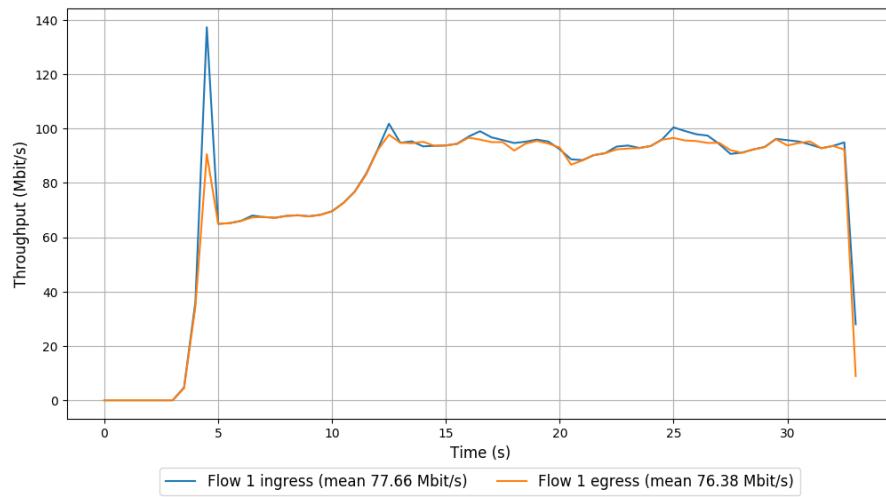


Run 10: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 07:19:26 +0000
End at: Tue, 04 Jul 2017 07:19:56 +0000
Local clock offset: 0.184 ms
Remote clock offset: -41.904 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 24.820 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 24.820 ms
Loss rate: 1.99%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:38:42 +0000
```

```
End at: Tue, 04 Jul 2017 04:39:12 +0000
```

```
Local clock offset: 0.146 ms
```

```
Remote clock offset: -29.225 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.153 ms
```

```
Loss rate: 0.08%
```

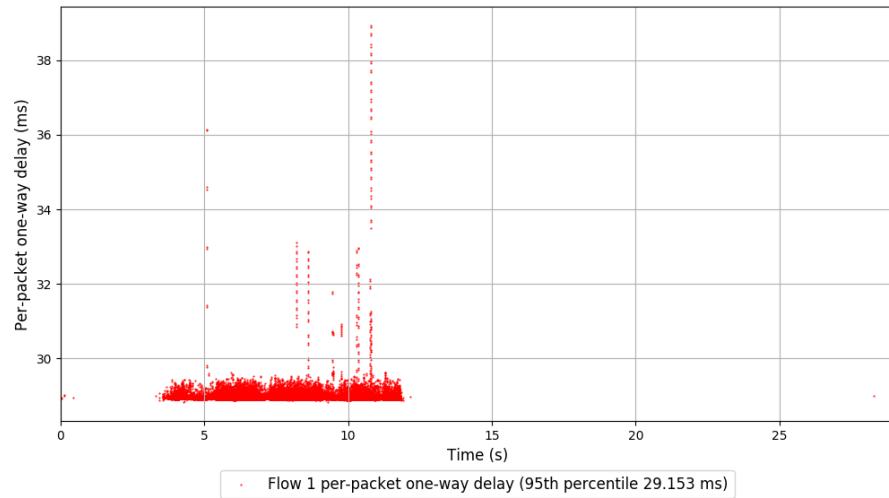
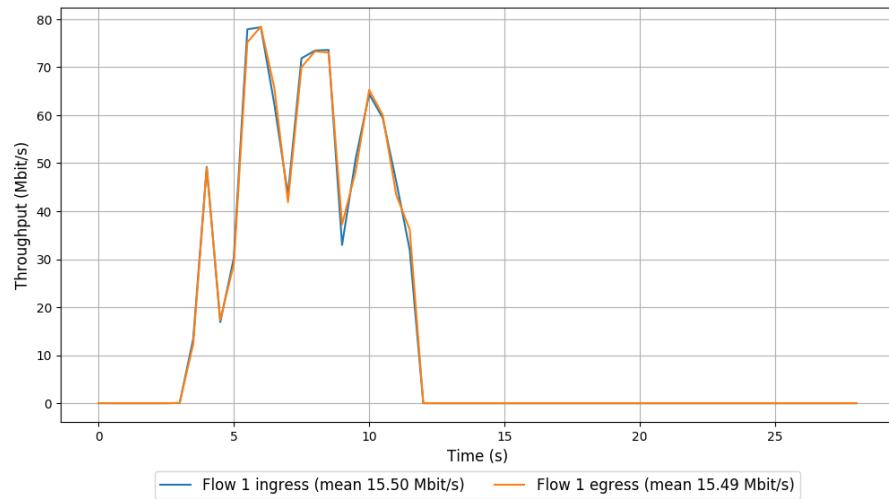
```
-- Flow 1:
```

```
Average throughput: 15.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.153 ms
```

```
Loss rate: 0.08%
```

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

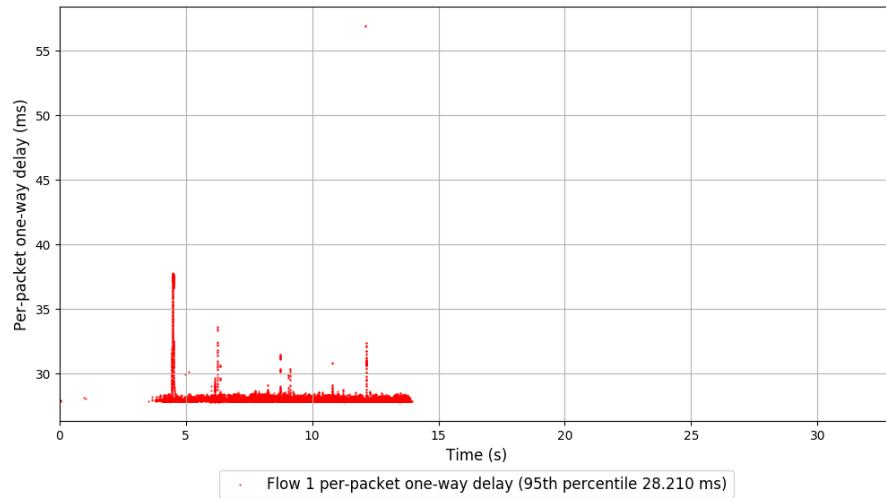
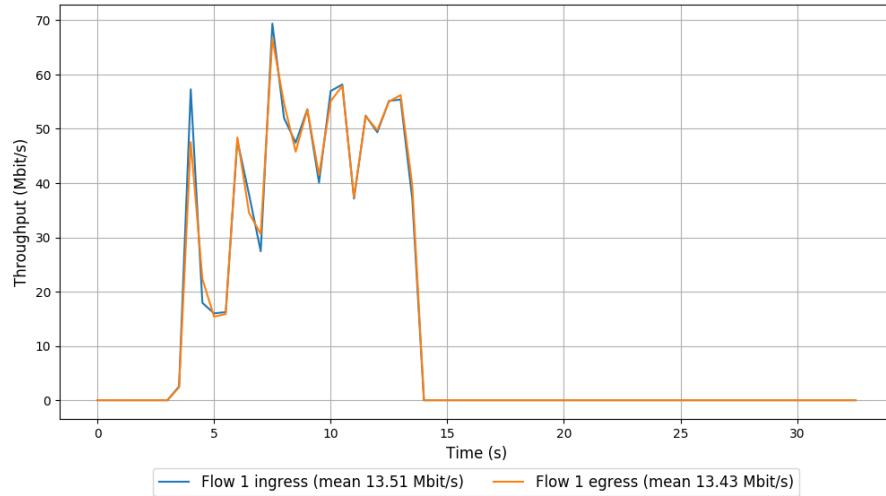


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 04:56:17 +0000
End at: Tue, 04 Jul 2017 04:56:47 +0000
Local clock offset: 0.227 ms
Remote clock offset: -29.953 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 28.210 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 28.210 ms
Loss rate: 0.56%
```

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

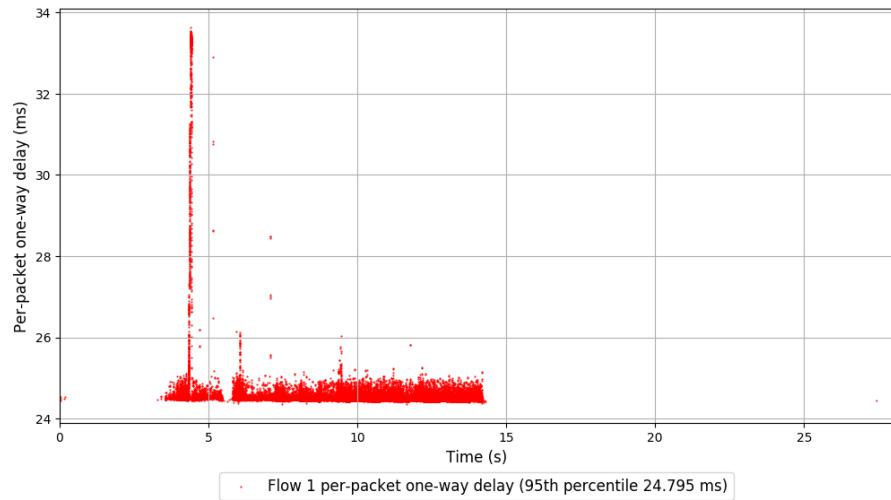
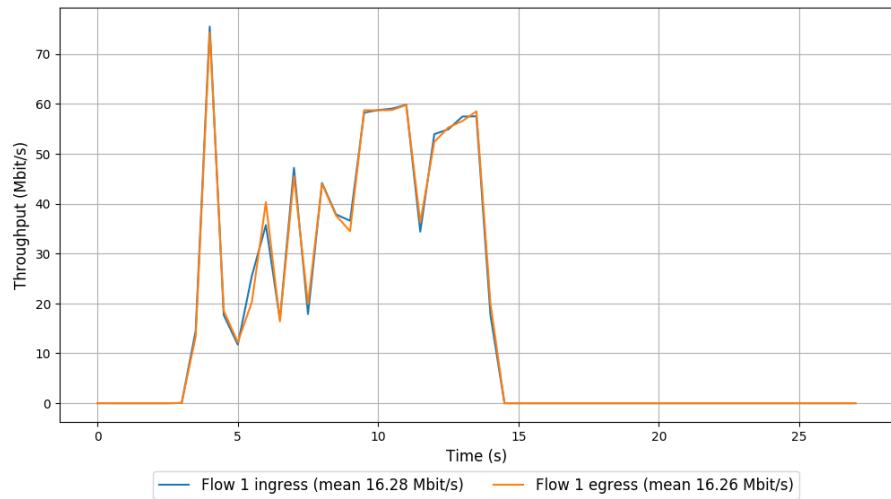


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:13:43 +0000
End at: Tue, 04 Jul 2017 05:14:13 +0000
Local clock offset: 0.206 ms
Remote clock offset: -33.169 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 0.11%
```

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

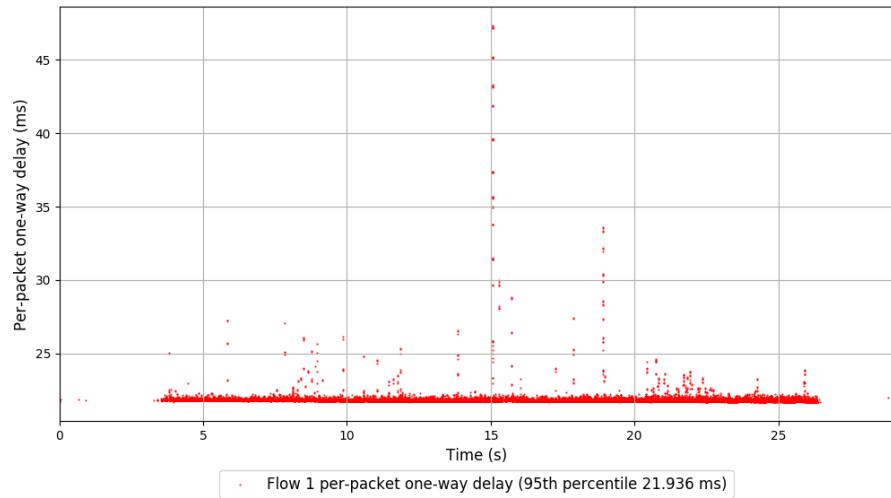
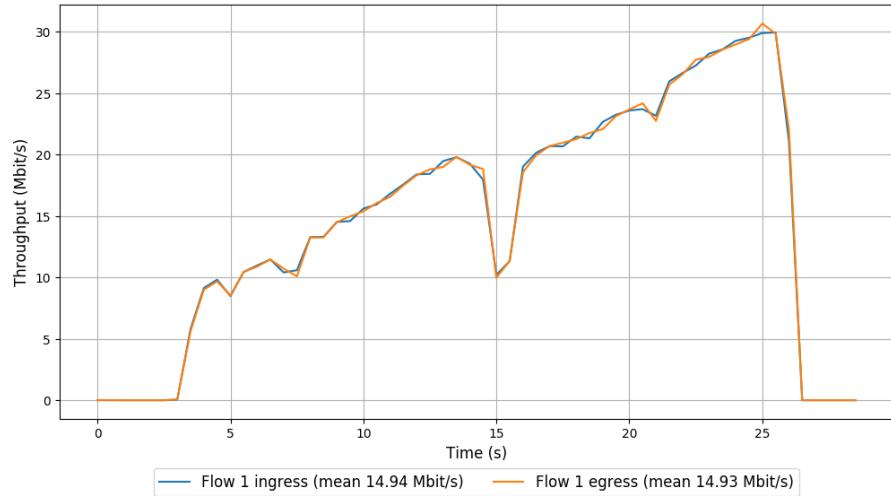


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:31:14 +0000
End at: Tue, 04 Jul 2017 05:31:44 +0000
Local clock offset: 0.165 ms
Remote clock offset: -35.866 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 21.936 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 21.936 ms
Loss rate: 0.01%
```

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

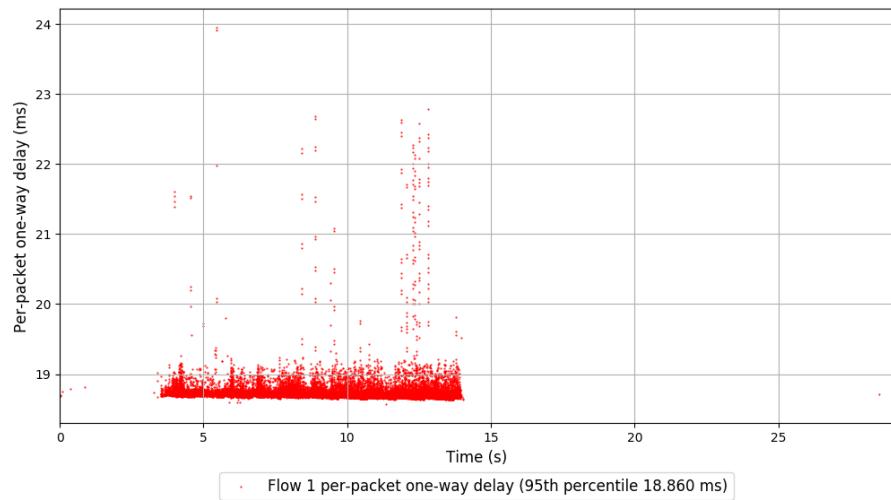
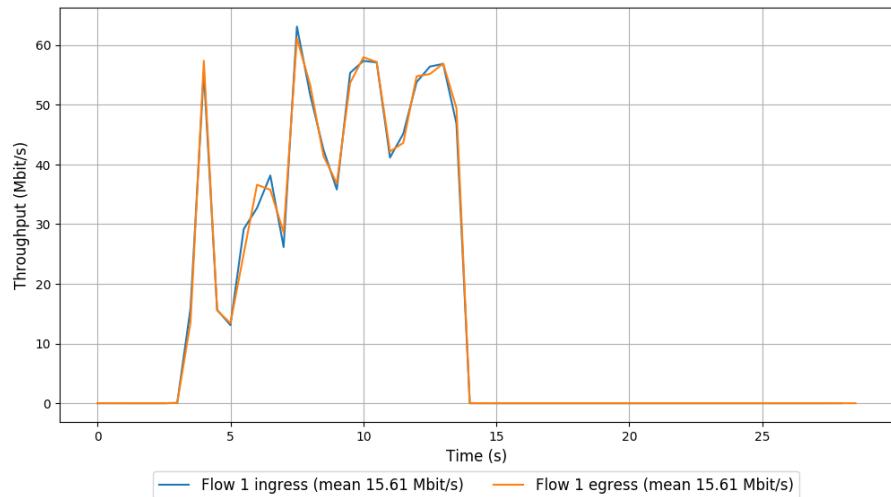


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:48:38 +0000
End at: Tue, 04 Jul 2017 05:49:08 +0000
Local clock offset: 0.098 ms
Remote clock offset: -38.802 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 18.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 18.860 ms
Loss rate: 0.00%
```

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

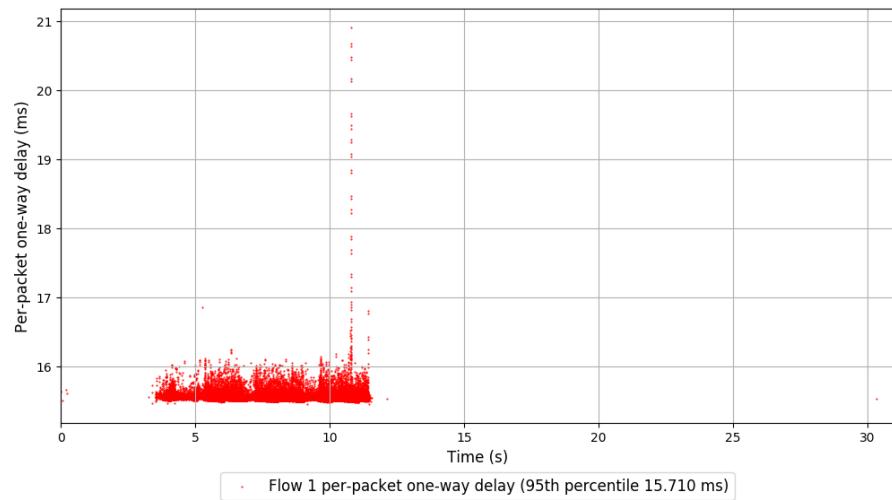
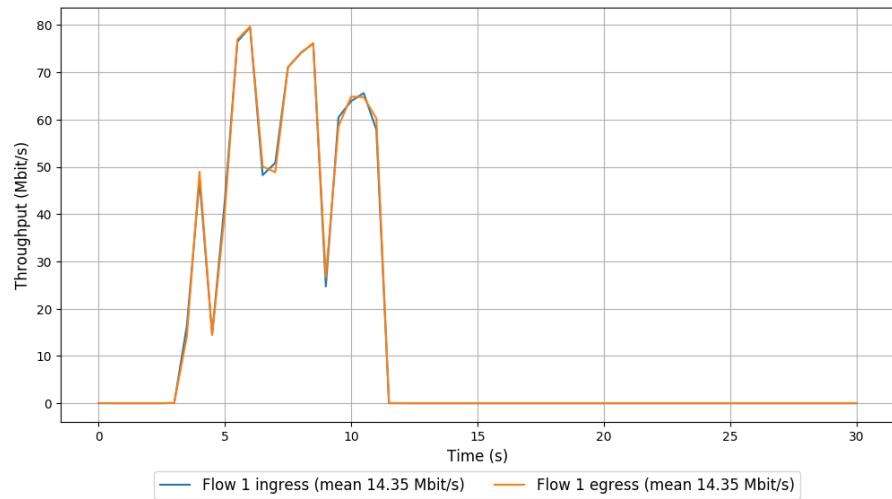


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:06:14 +0000
End at: Tue, 04 Jul 2017 06:06:44 +0000
Local clock offset: 0.192 ms
Remote clock offset: -41.357 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 15.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 15.710 ms
Loss rate: 0.00%
```

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

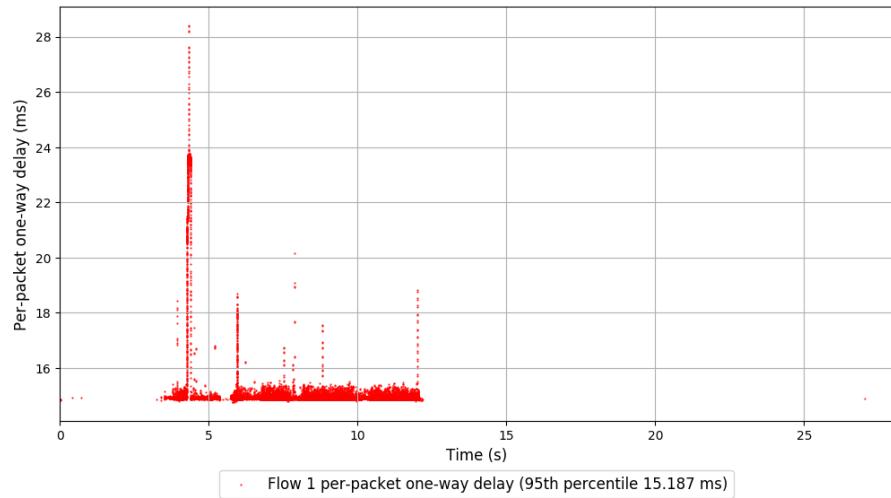
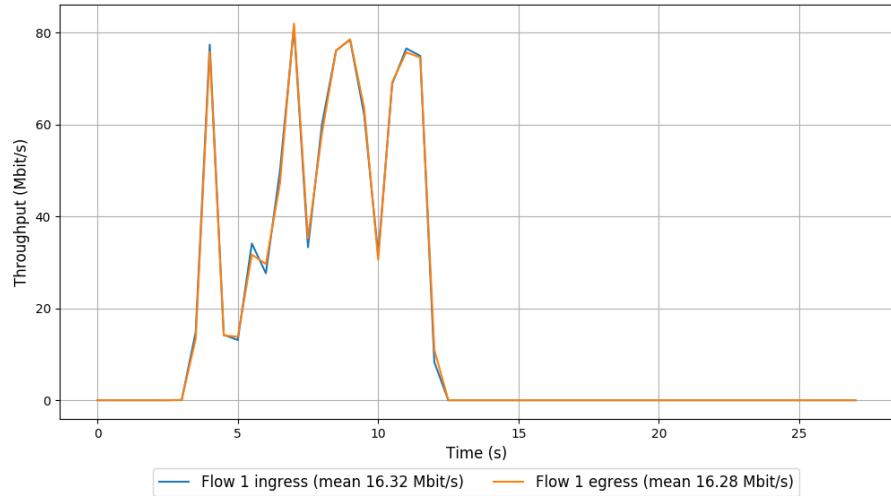


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:23:44 +0000
End at: Tue, 04 Jul 2017 06:24:14 +0000
Local clock offset: 0.206 ms
Remote clock offset: -43.664 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 15.187 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 15.187 ms
Loss rate: 0.27%
```

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

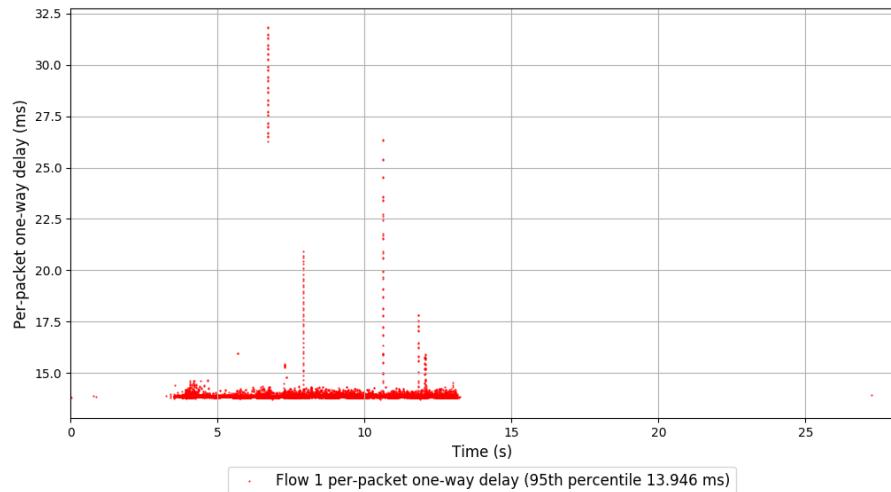
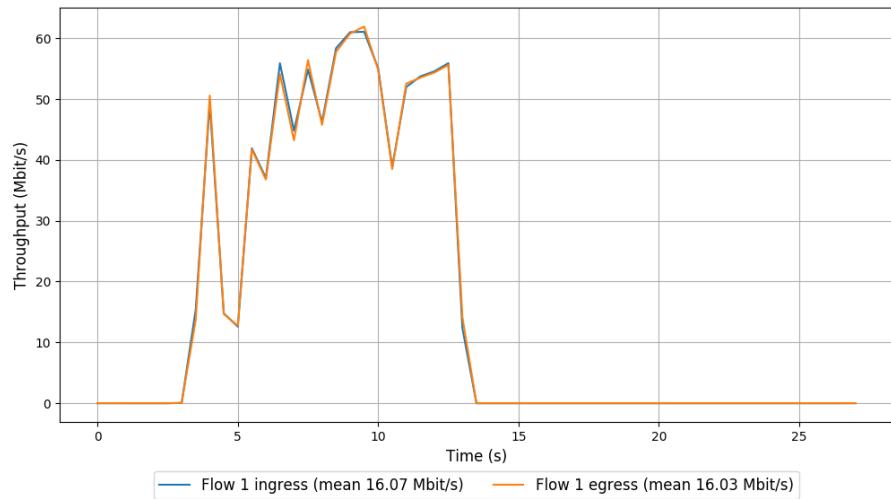


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:41:01 +0000
End at: Tue, 04 Jul 2017 06:41:31 +0000
Local clock offset: 0.19 ms
Remote clock offset: -44.262 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 13.946 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 13.946 ms
Loss rate: 0.22%
```

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

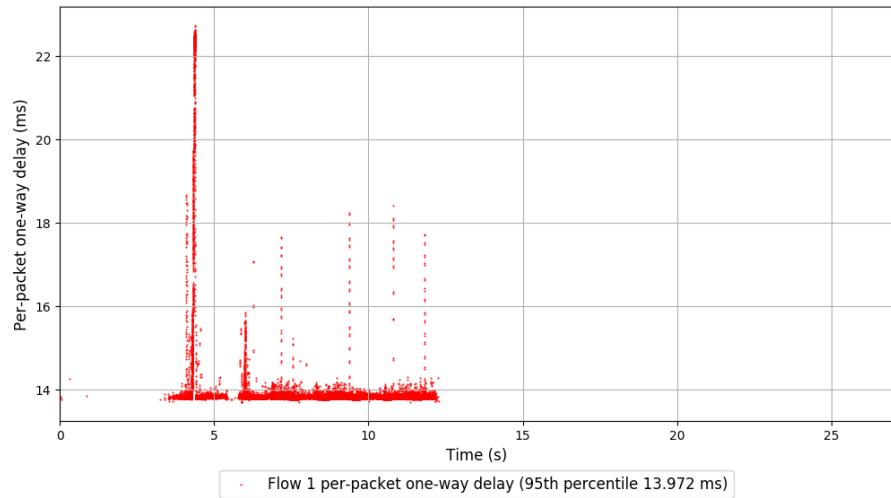
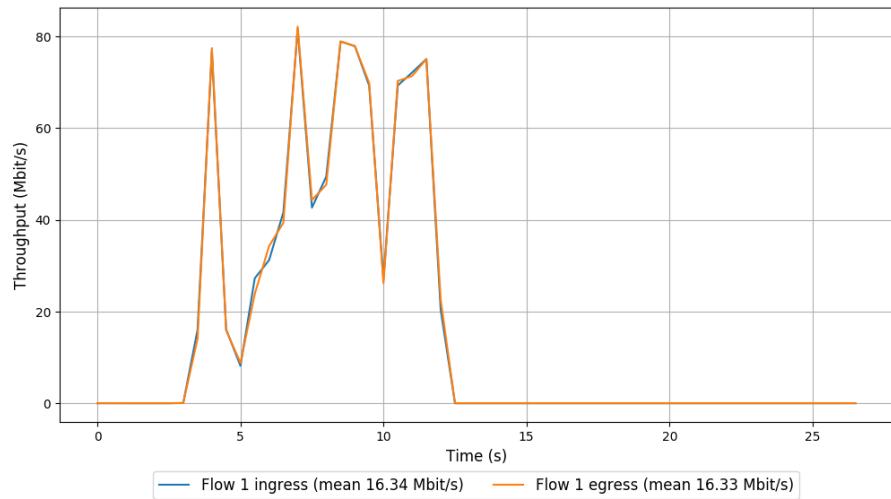


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:58:27 +0000
End at: Tue, 04 Jul 2017 06:58:57 +0000
Local clock offset: 0.208 ms
Remote clock offset: -43.093 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 13.972 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 13.972 ms
Loss rate: 0.09%
```

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

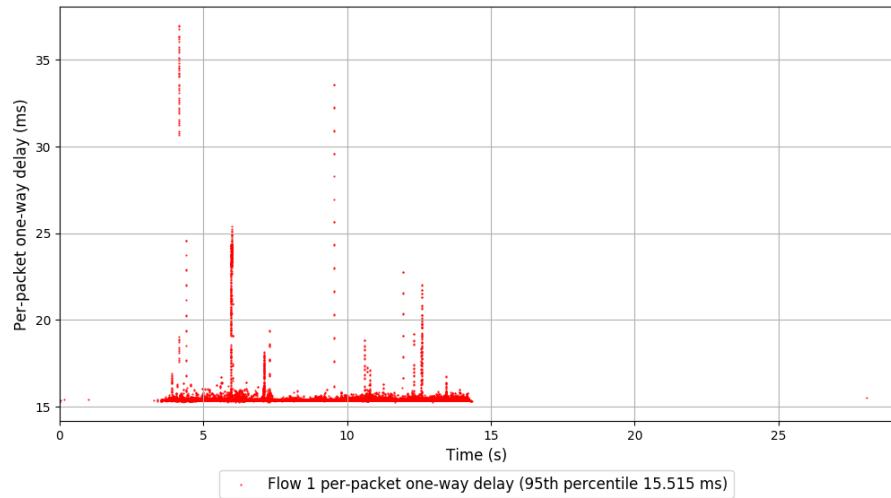
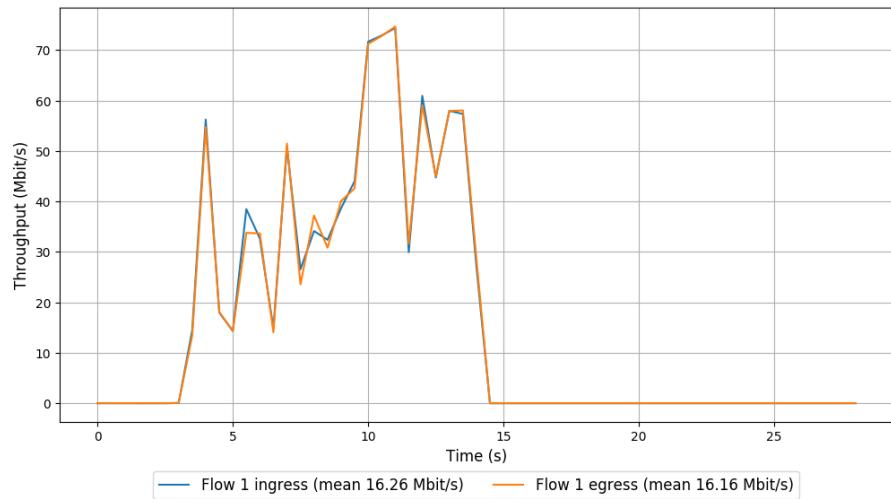


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 07:15:59 +0000
End at: Tue, 04 Jul 2017 07:16:29 +0000
Local clock offset: 0.104 ms
Remote clock offset: -42.946 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 15.515 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 15.515 ms
Loss rate: 0.63%
```

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

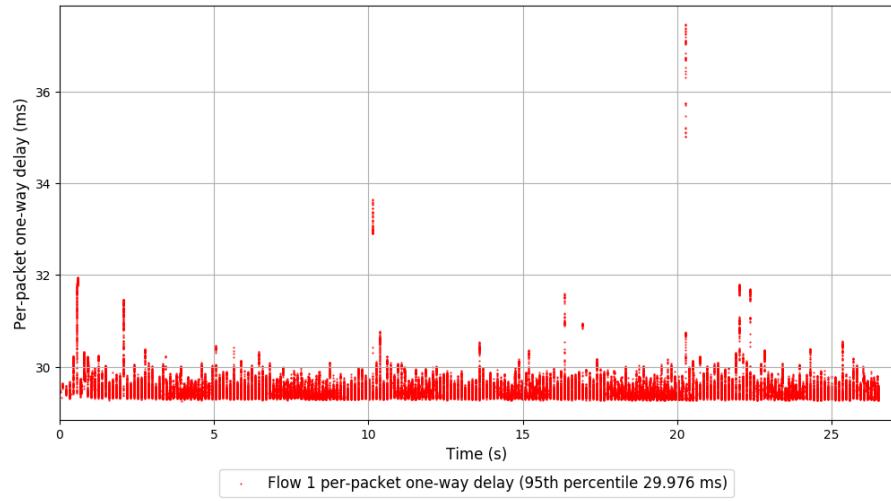
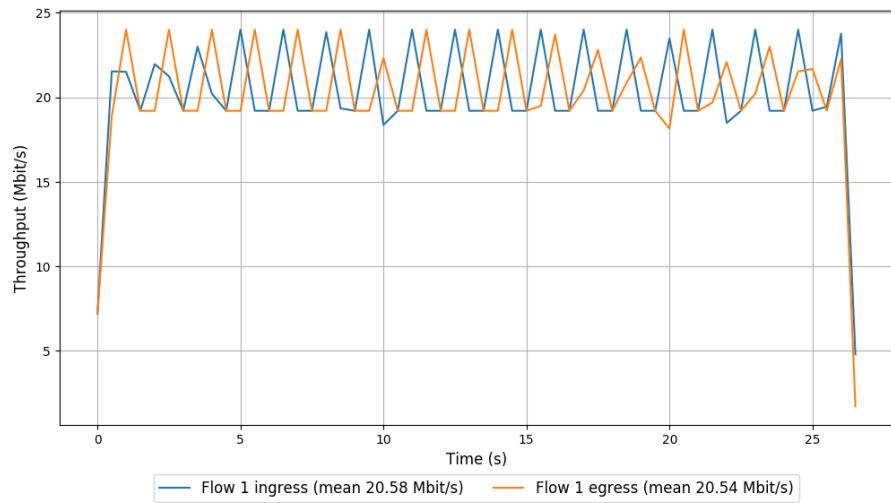


Run 1: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:29:25 +0000
End at: Tue, 04 Jul 2017 04:29:55 +0000
Local clock offset: 0.227 ms
Remote clock offset: -28.2 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 29.976 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 29.976 ms
Loss rate: 0.64%
```

Run 1: Report of Saturator — Data Link

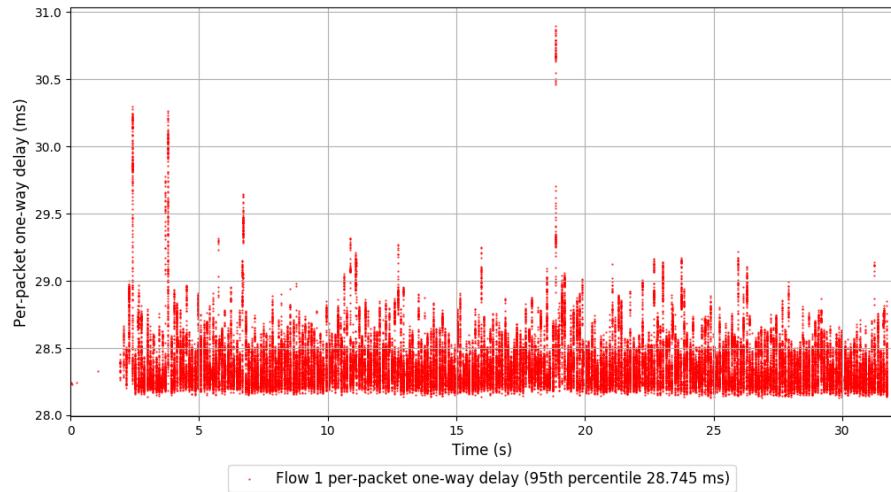
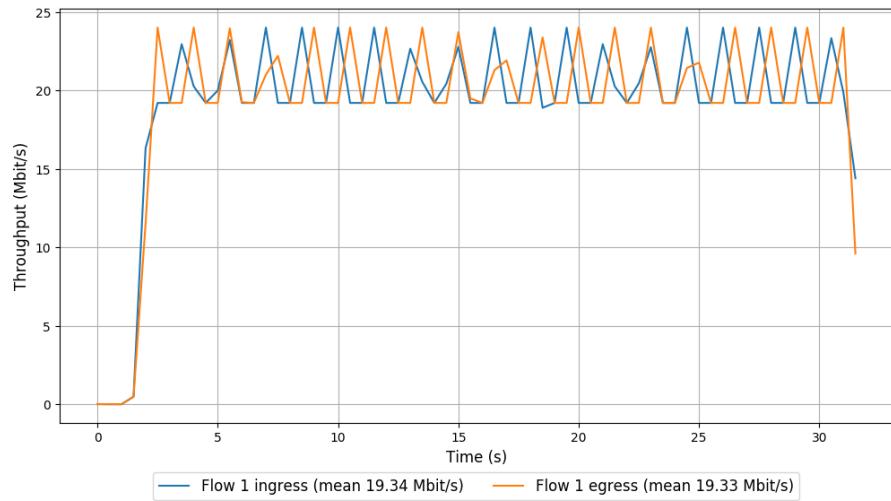


Run 2: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:47:03 +0000
End at: Tue, 04 Jul 2017 04:47:33 +0000
Local clock offset: 0.159 ms
Remote clock offset: -28.819 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 28.745 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 28.745 ms
Loss rate: 0.42%
```

Run 2: Report of Saturator — Data Link

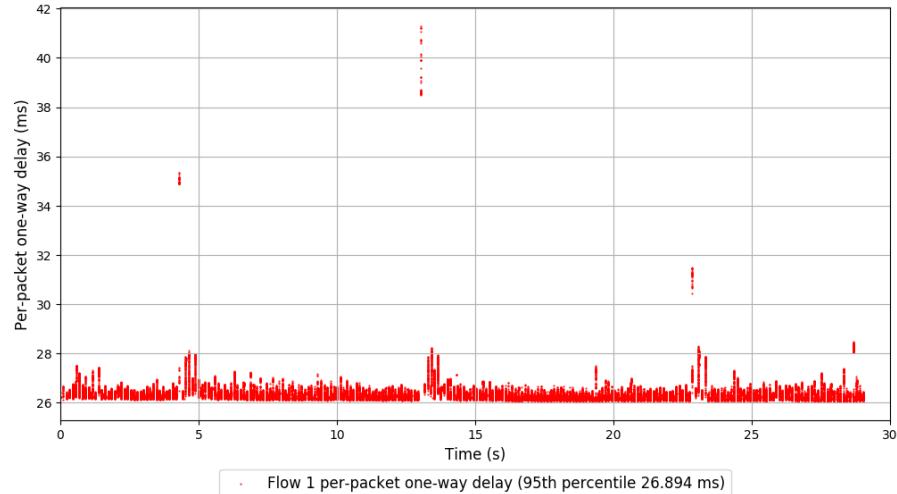
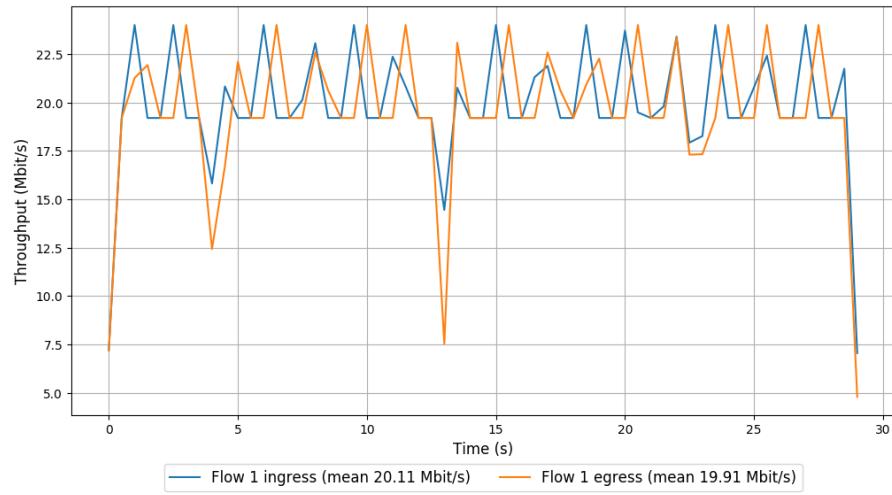


Run 3: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:04:25 +0000
End at: Tue, 04 Jul 2017 05:04:55 +0000
Local clock offset: 0.194 ms
Remote clock offset: -31.908 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 26.894 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 26.894 ms
Loss rate: 1.38%
```

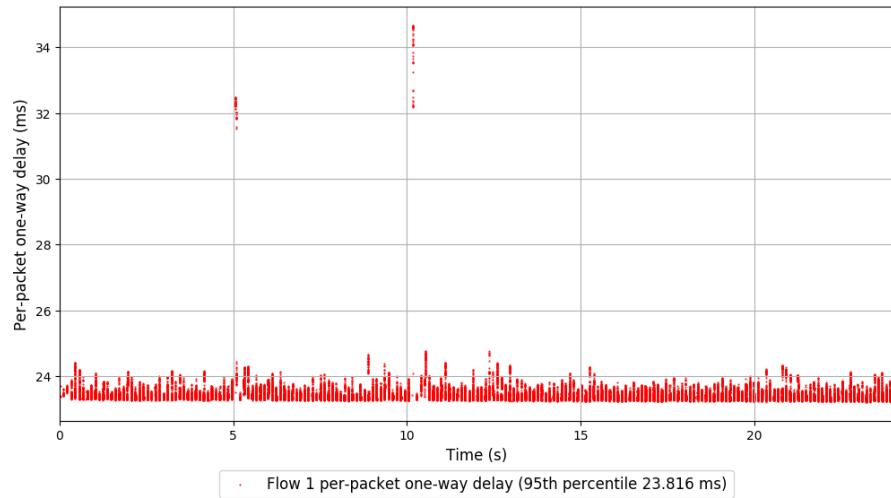
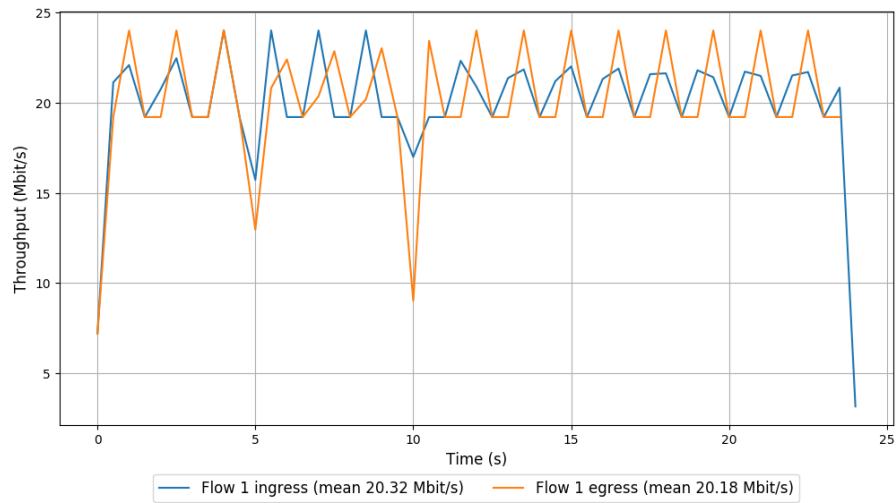
Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 04 Jul 2017 05:21:50 +0000
End at: Tue, 04 Jul 2017 05:22:20 +0000
Local clock offset: 0.134 ms
Remote clock offset: -34.697 ms

Run 4: Report of Saturator — Data Link

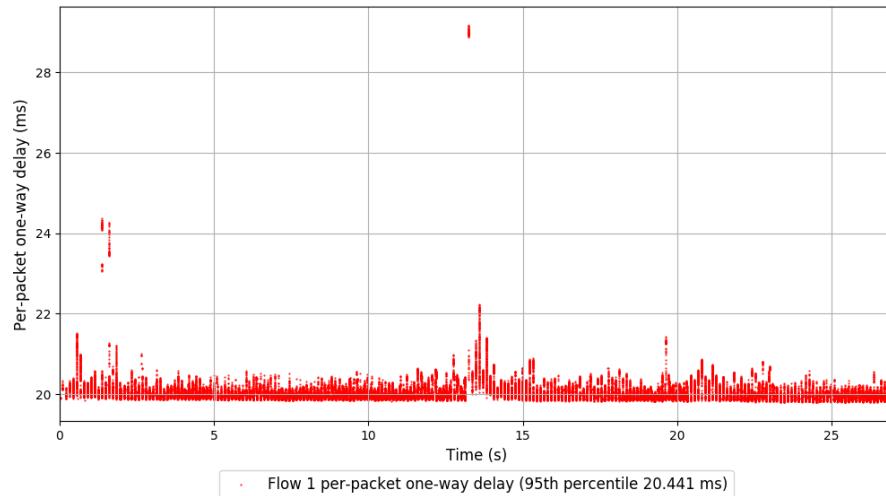
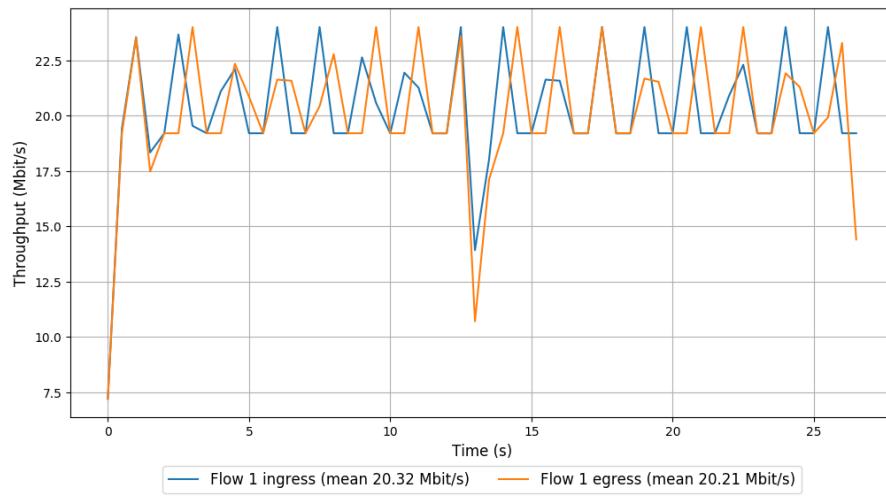


Run 5: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:39:26 +0000
End at: Tue, 04 Jul 2017 05:39:56 +0000
Local clock offset: 0.206 ms
Remote clock offset: -37.395 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 20.441 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 20.441 ms
Loss rate: 0.95%
```

Run 5: Report of Saturator — Data Link

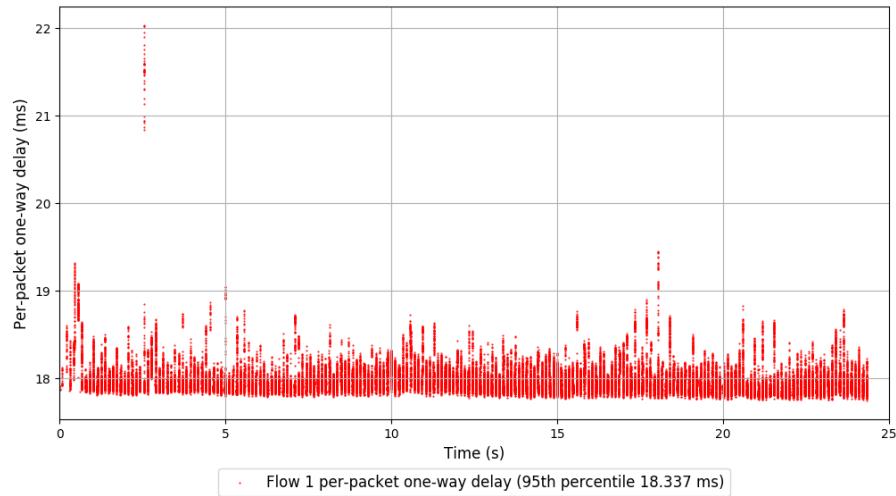
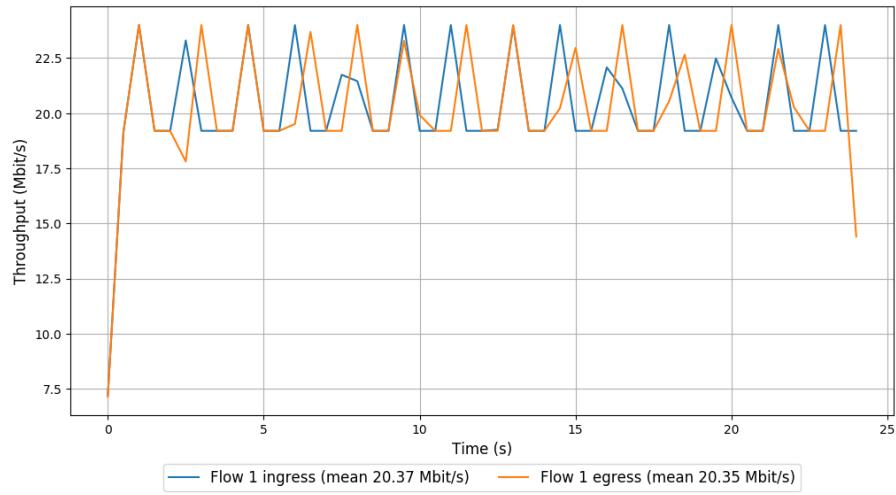


Run 6: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:56:52 +0000
End at: Tue, 04 Jul 2017 05:57:22 +0000
Local clock offset: 0.181 ms
Remote clock offset: -40.067 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.35 Mbit/s
95th percentile per-packet one-way delay: 18.337 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 20.35 Mbit/s
95th percentile per-packet one-way delay: 18.337 ms
Loss rate: 0.56%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 04 Jul 2017 06:14:26 +0000

End at: Tue, 04 Jul 2017 06:14:56 +0000

Local clock offset: 0.12 ms

Remote clock offset: -42.513 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:06:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.63 Mbit/s

95th percentile per-packet one-way delay: 15.984 ms

Loss rate: 0.45%

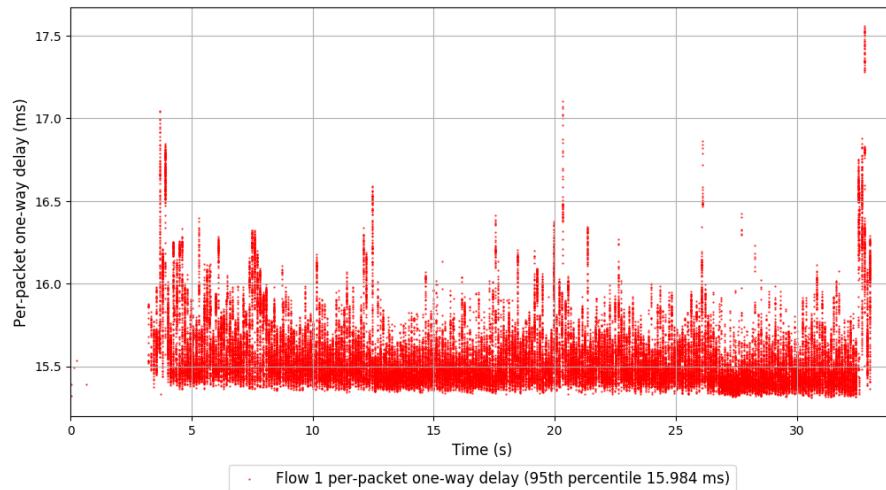
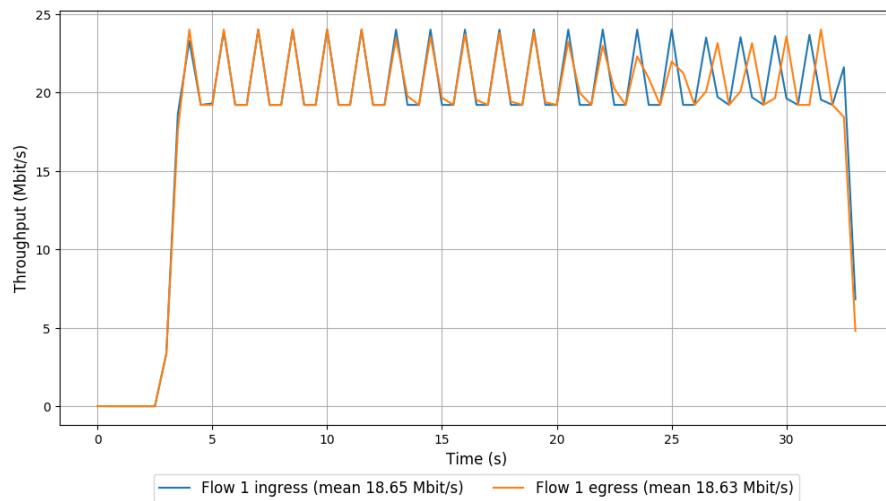
-- Flow 1:

Average throughput: 18.63 Mbit/s

95th percentile per-packet one-way delay: 15.984 ms

Loss rate: 0.45%

Run 7: Report of Saturator — Data Link

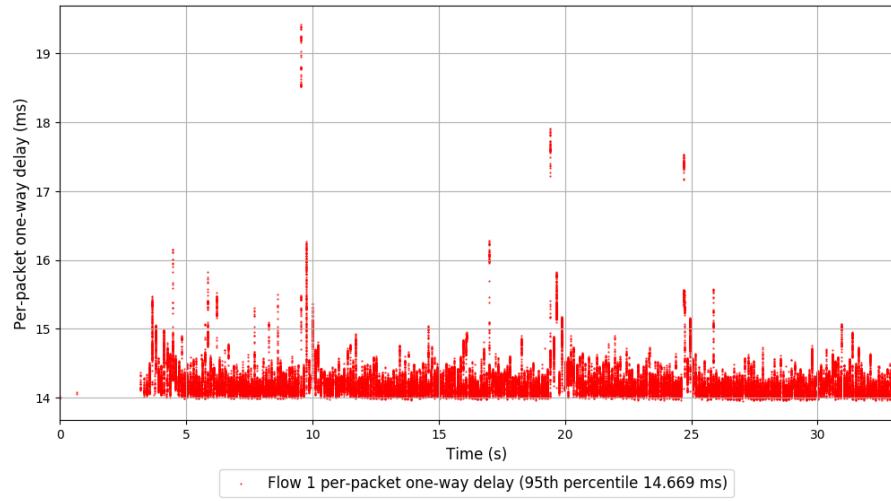
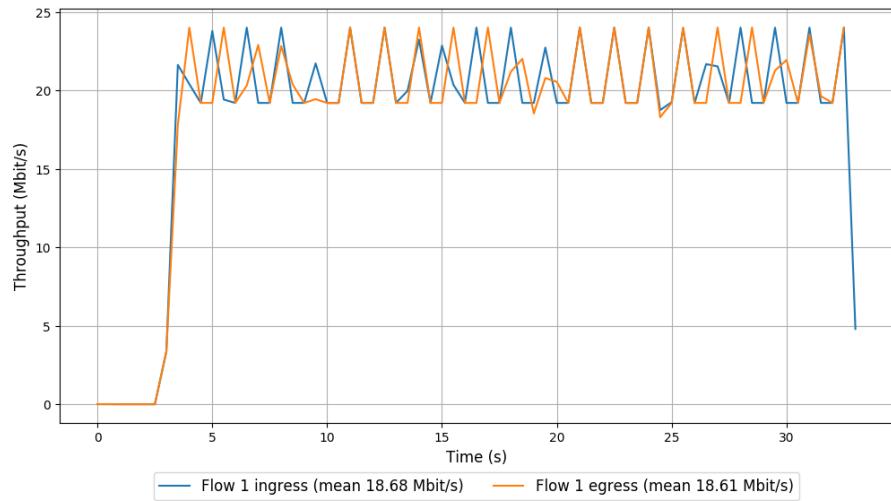


Run 8: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:31:43 +0000
End at: Tue, 04 Jul 2017 06:32:13 +0000
Local clock offset: 0.212 ms
Remote clock offset: -44.124 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 14.669 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 14.669 ms
Loss rate: 0.73%
```

Run 8: Report of Saturator — Data Link

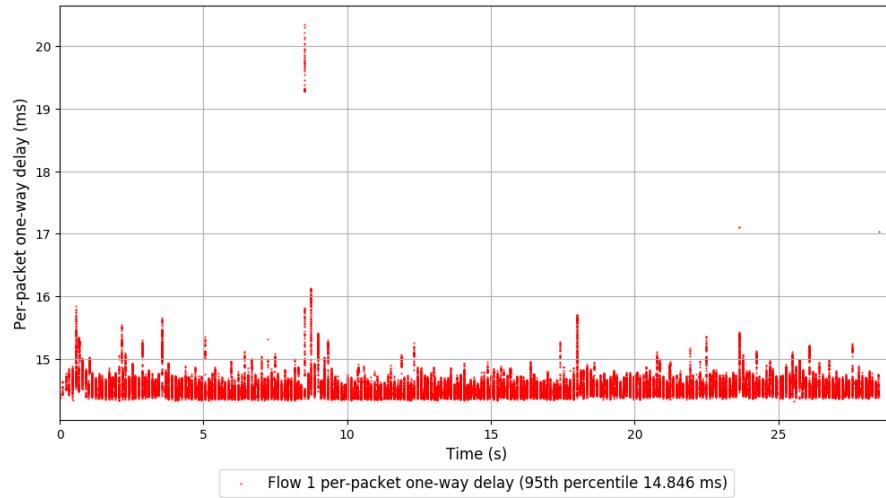
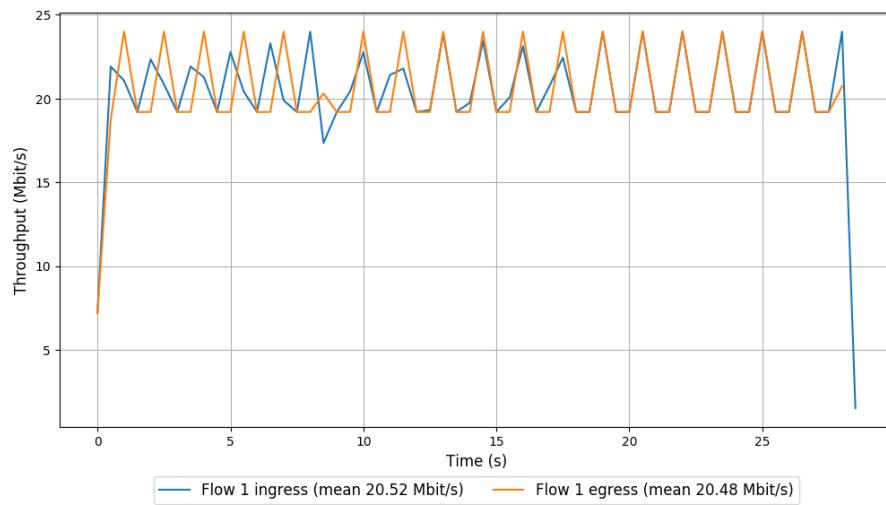


Run 9: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:49:09 +0000
End at: Tue, 04 Jul 2017 06:49:39 +0000
Local clock offset: 0.169 ms
Remote clock offset: -43.848 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 14.846 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 14.846 ms
Loss rate: 0.58%
```

Run 9: Report of Saturator — Data Link

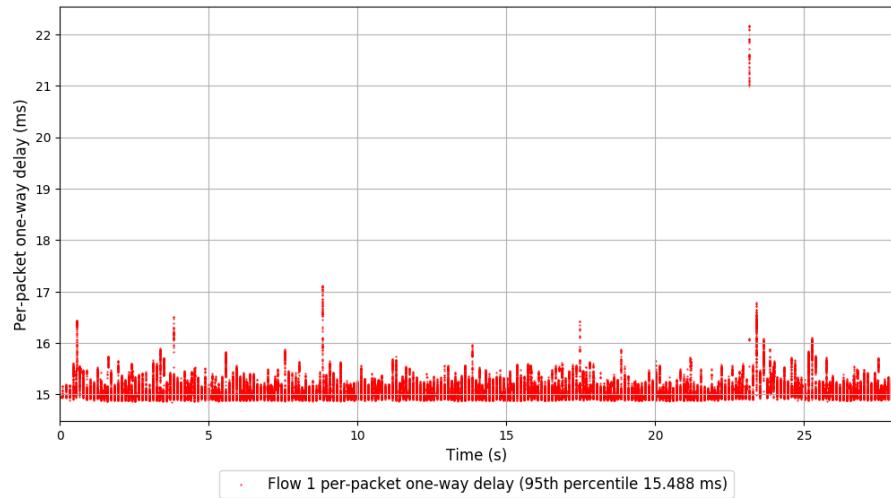
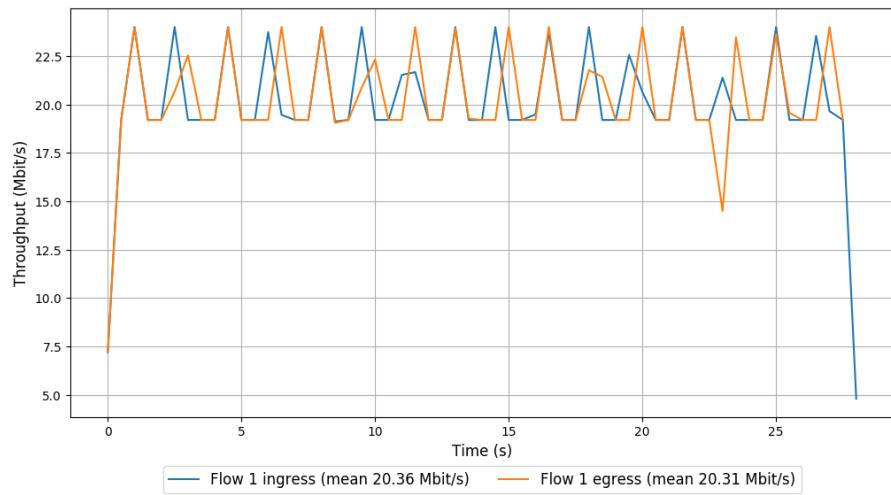


Run 10: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 07:06:42 +0000
End at: Tue, 04 Jul 2017 07:07:12 +0000
Local clock offset: 0.136 ms
Remote clock offset: -43.116 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 15.488 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 15.488 ms
Loss rate: 0.66%
```

Run 10: Report of Saturator — Data Link



```
Run 1: Statistics of SCReAM
```

```
Start at: Tue, 04 Jul 2017 04:30:33 +0000
```

```
End at: Tue, 04 Jul 2017 04:31:03 +0000
```

```
Local clock offset: 0.118 ms
```

```
Remote clock offset: -28.498 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.980 ms
```

```
Loss rate: 0.25%
```

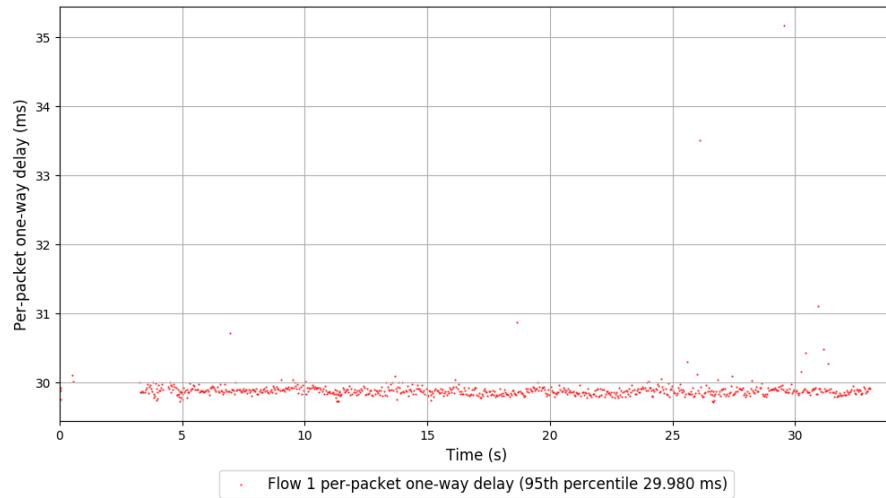
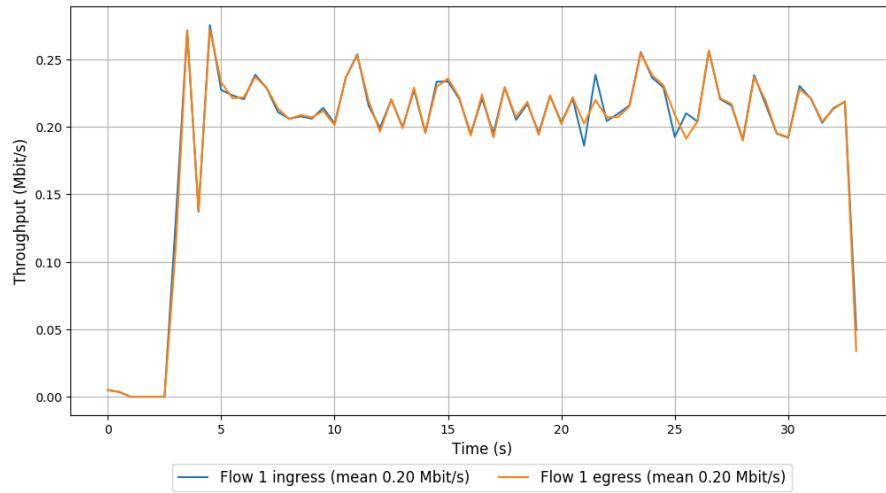
```
-- Flow 1:
```

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 29.980 ms
```

```
Loss rate: 0.25%
```

Run 1: Report of SCReAM — Data Link

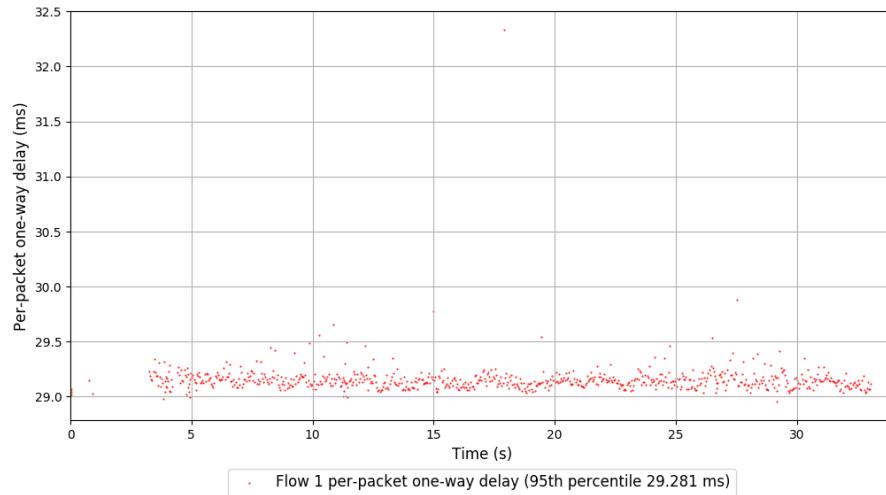
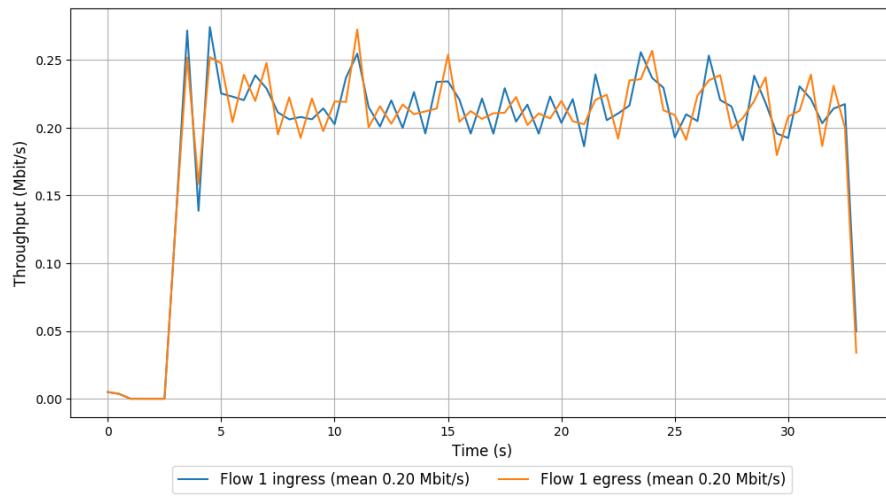


Run 2: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:48:11 +0000
End at: Tue, 04 Jul 2017 04:48:41 +0000
Local clock offset: 0.168 ms
Remote clock offset: -29.273 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 29.281 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 29.281 ms
Loss rate: 0.25%
```

Run 2: Report of SCReAM — Data Link

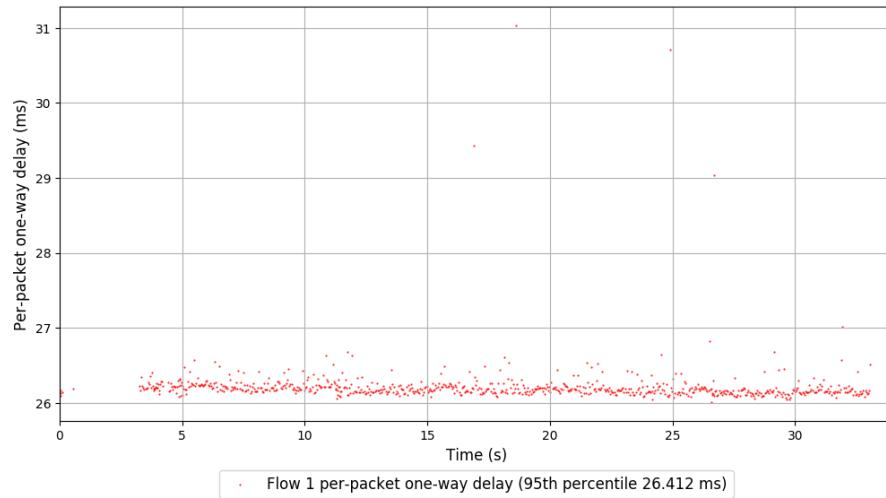
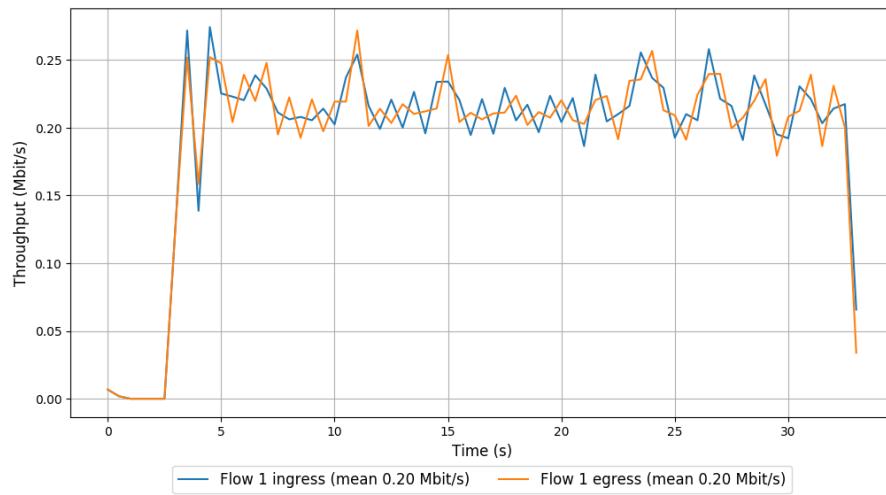


Run 3: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:05:33 +0000
End at: Tue, 04 Jul 2017 05:06:03 +0000
Local clock offset: 0.113 ms
Remote clock offset: -31.578 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:06:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.412 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.412 ms
Loss rate: 0.38%
```

Run 3: Report of SCReAM — Data Link

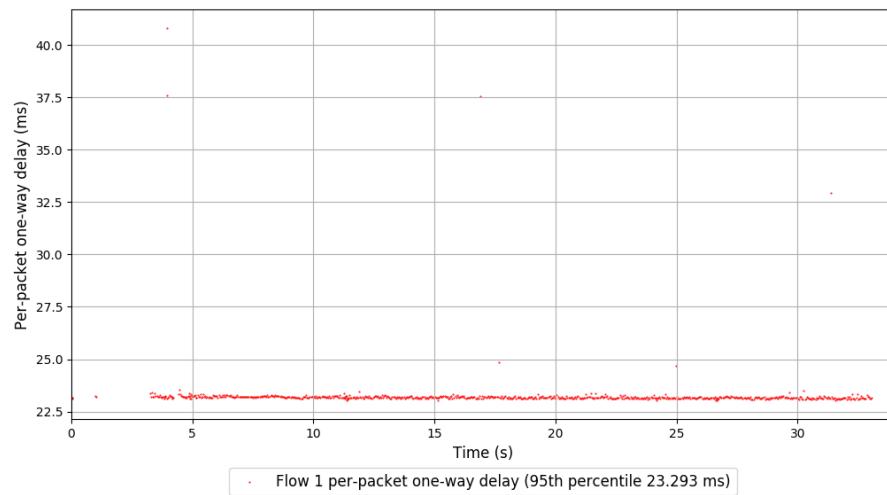
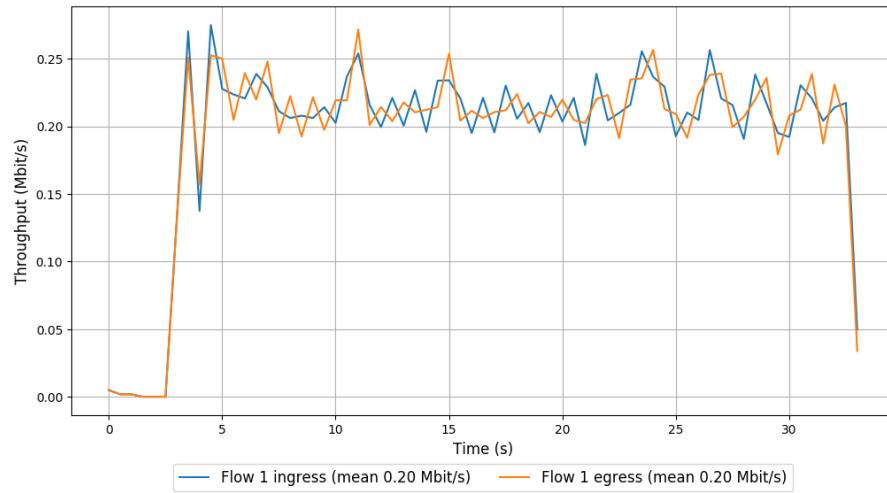


Run 4: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:22:58 +0000
End at: Tue, 04 Jul 2017 05:23:28 +0000
Local clock offset: 0.149 ms
Remote clock offset: -34.7 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.293 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.293 ms
Loss rate: 0.25%
```

Run 4: Report of SCReAM — Data Link

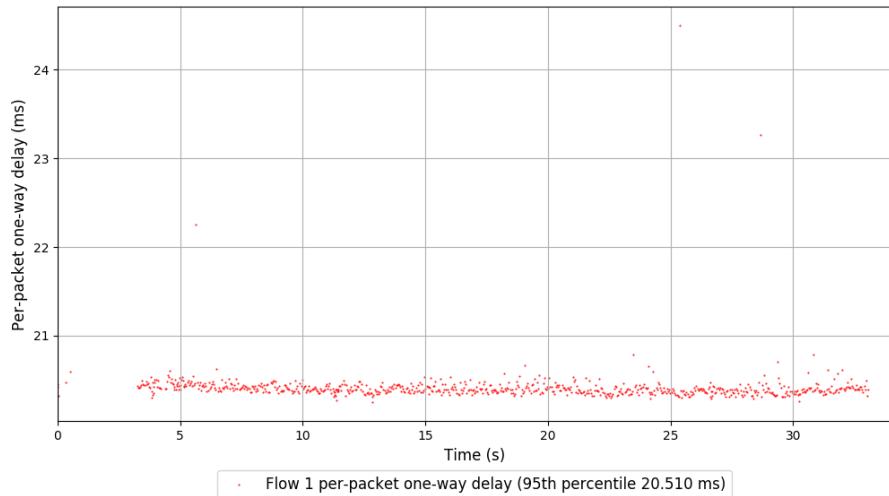
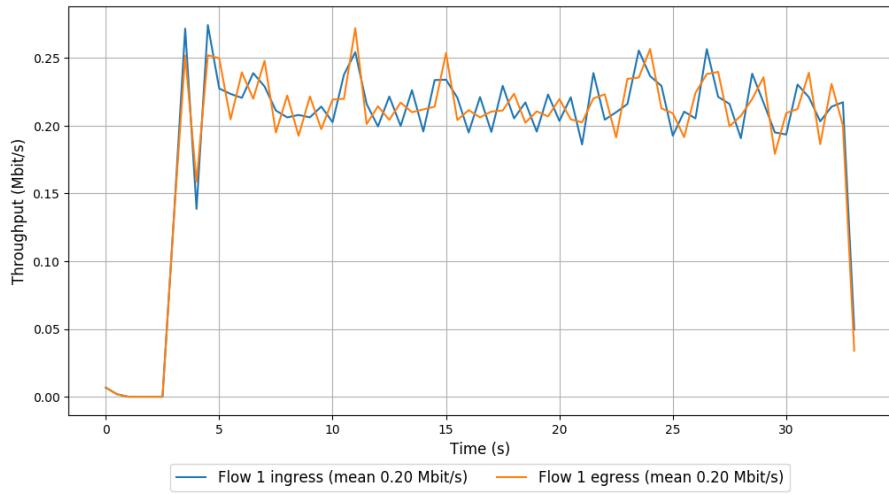


Run 5: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:40:34 +0000
End at: Tue, 04 Jul 2017 05:41:04 +0000
Local clock offset: 0.146 ms
Remote clock offset: -37.418 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.510 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.510 ms
Loss rate: 0.25%
```

Run 5: Report of SCReAM — Data Link

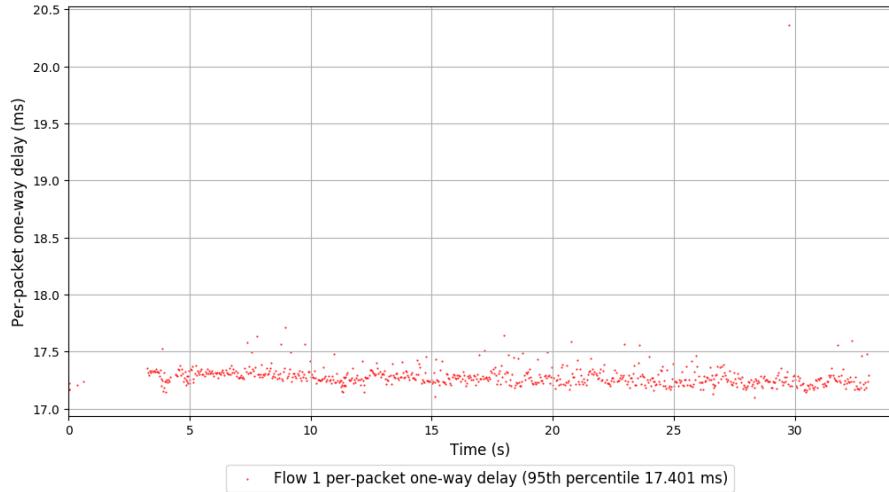
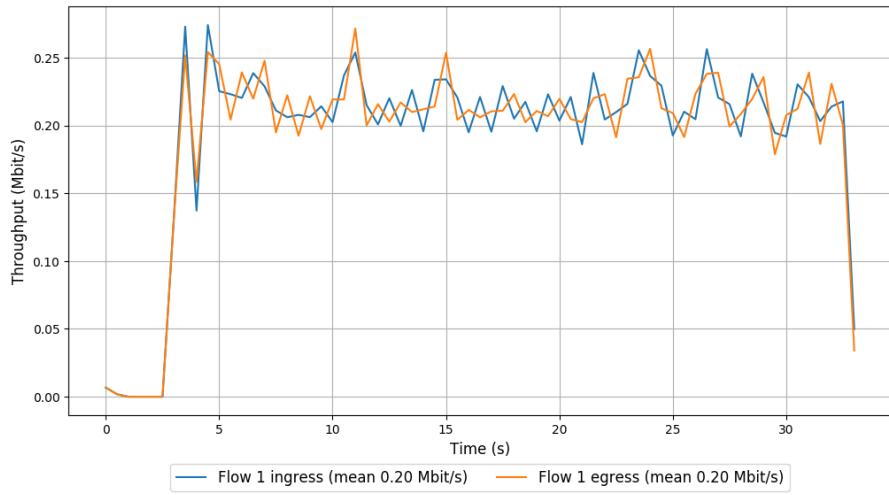


Run 6: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:57:59 +0000
End at: Tue, 04 Jul 2017 05:58:29 +0000
Local clock offset: 0.115 ms
Remote clock offset: -40.715 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 17.401 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 17.401 ms
Loss rate: 0.25%
```

Run 6: Report of SCReAM — Data Link

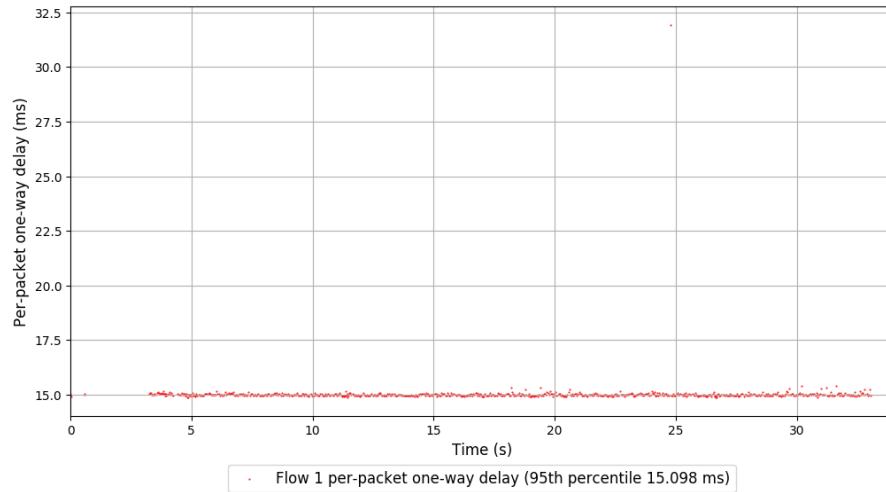
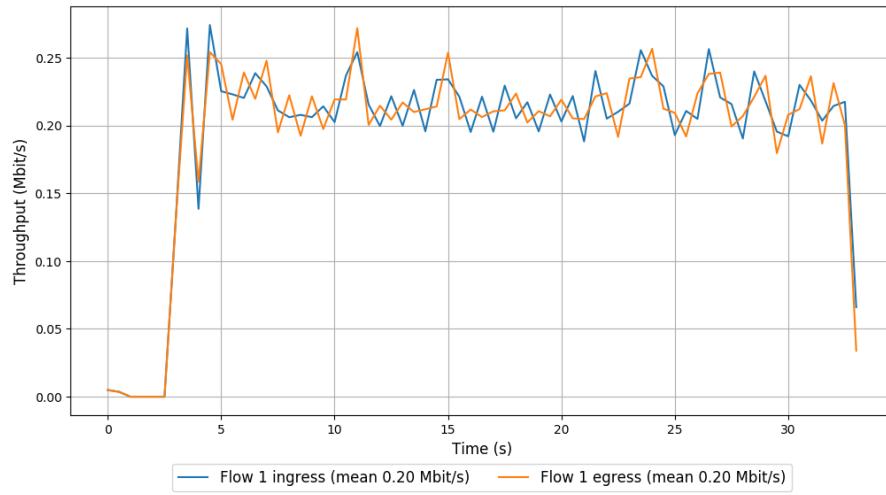


Run 7: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:15:34 +0000
End at: Tue, 04 Jul 2017 06:16:04 +0000
Local clock offset: 0.201 ms
Remote clock offset: -42.818 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 15.098 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 15.098 ms
Loss rate: 0.38%
```

Run 7: Report of SCReAM — Data Link

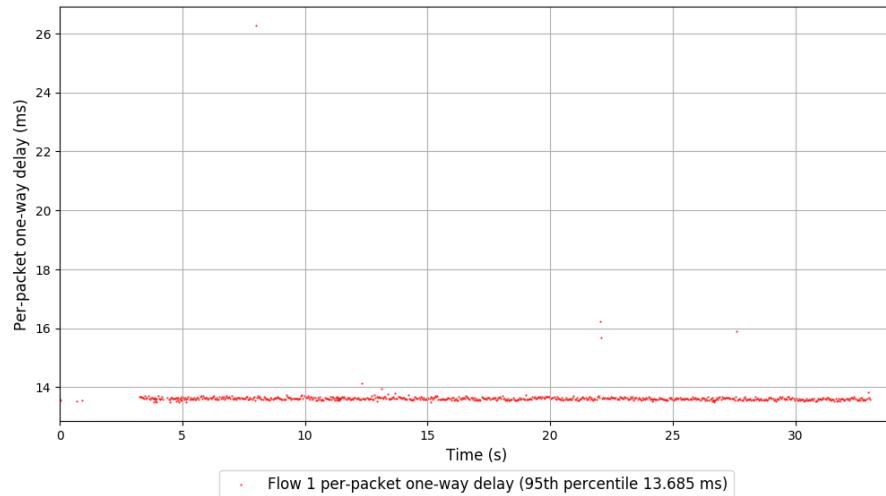
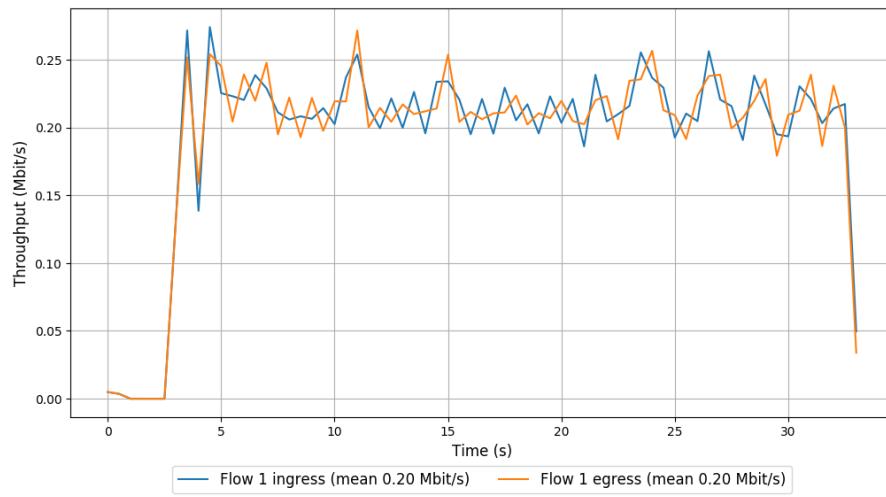


Run 8: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:32:51 +0000
End at: Tue, 04 Jul 2017 06:33:21 +0000
Local clock offset: 0.159 ms
Remote clock offset: -44.38 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 13.685 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 13.685 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

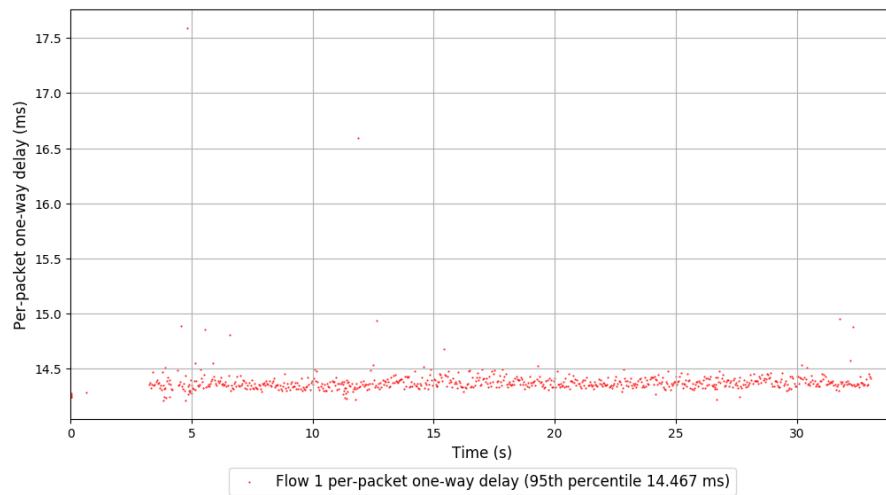
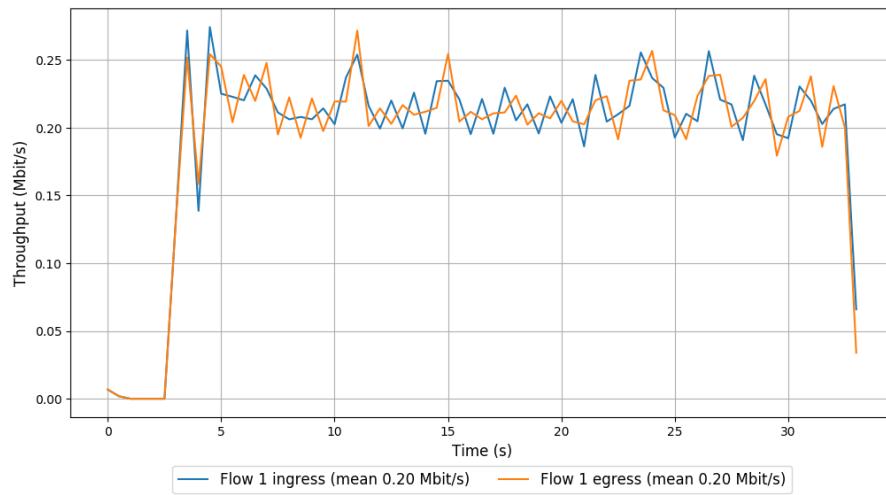


Run 9: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:50:17 +0000
End at: Tue, 04 Jul 2017 06:50:47 +0000
Local clock offset: 0.166 ms
Remote clock offset: -43.789 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 14.467 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 14.467 ms
Loss rate: 0.38%
```

Run 9: Report of SCReAM — Data Link

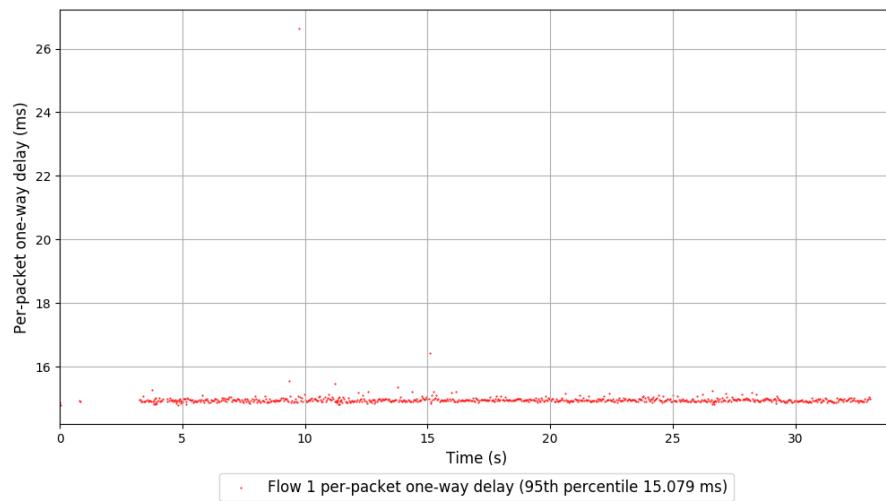
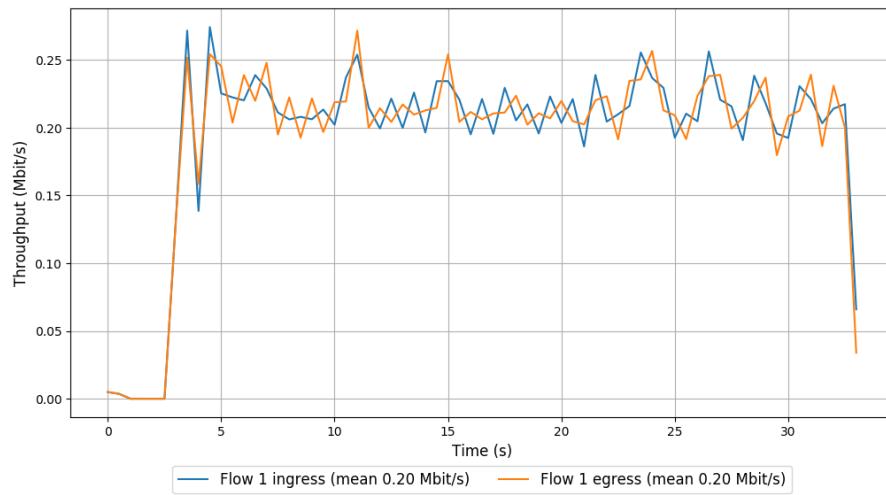


Run 10: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 07:07:50 +0000
End at: Tue, 04 Jul 2017 07:08:20 +0000
Local clock offset: 0.091 ms
Remote clock offset: -43.441 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 15.079 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 15.079 ms
Loss rate: 0.38%
```

Run 10: Report of SCReAM — Data Link

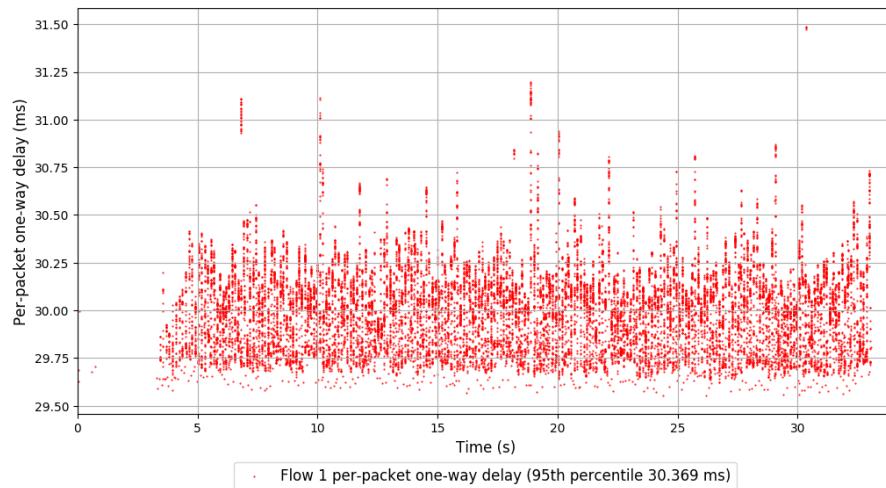
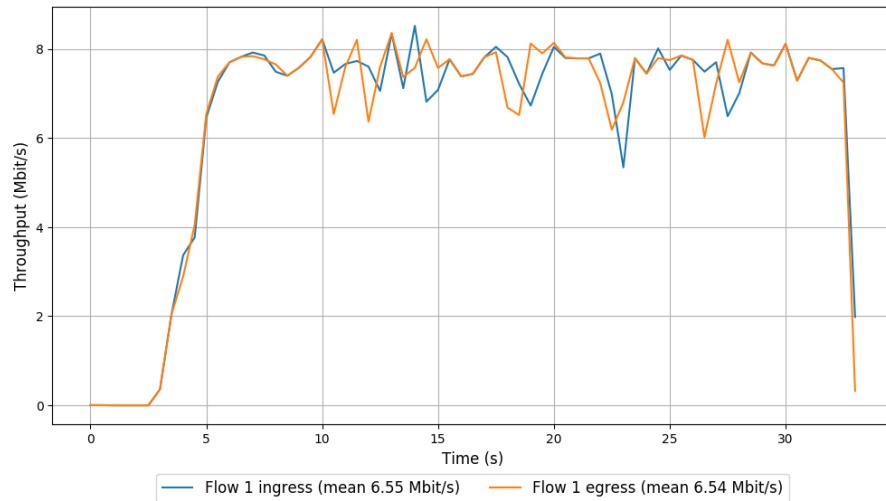


Run 1: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:32:56 +0000
End at: Tue, 04 Jul 2017 04:33:26 +0000
Local clock offset: 0.181 ms
Remote clock offset: -27.969 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 30.369 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 30.369 ms
Loss rate: 0.46%
```

Run 1: Report of Sprout — Data Link

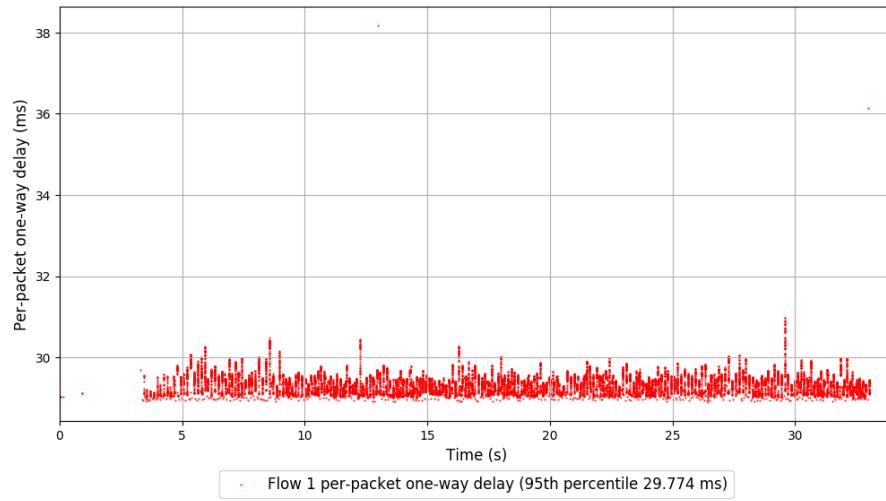
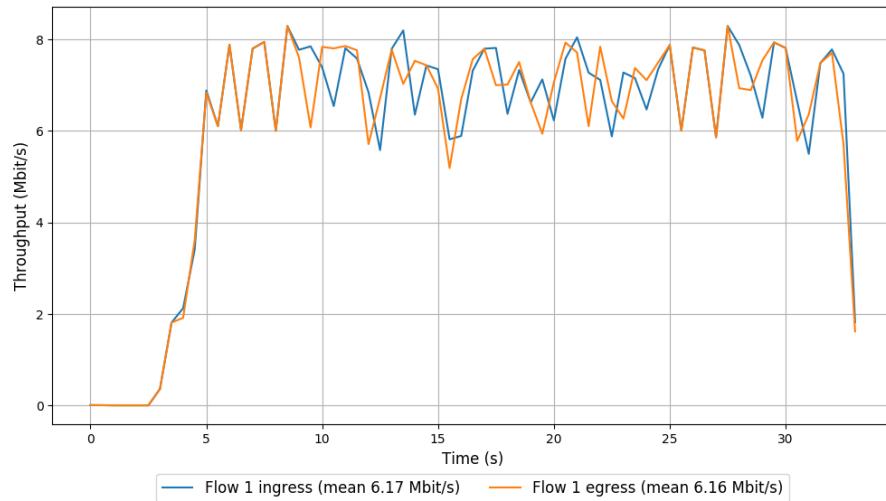


Run 2: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:50:30 +0000
End at: Tue, 04 Jul 2017 04:51:00 +0000
Local clock offset: 0.205 ms
Remote clock offset: -29.062 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 29.774 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 29.774 ms
Loss rate: 0.46%
```

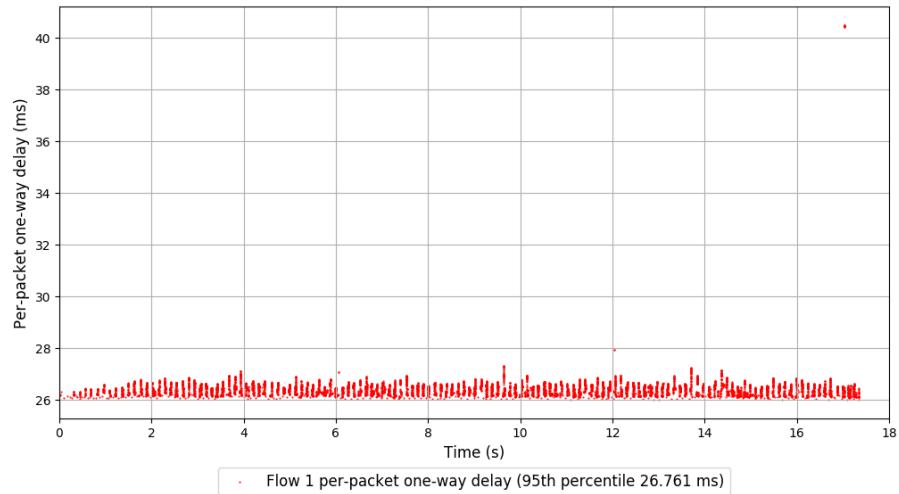
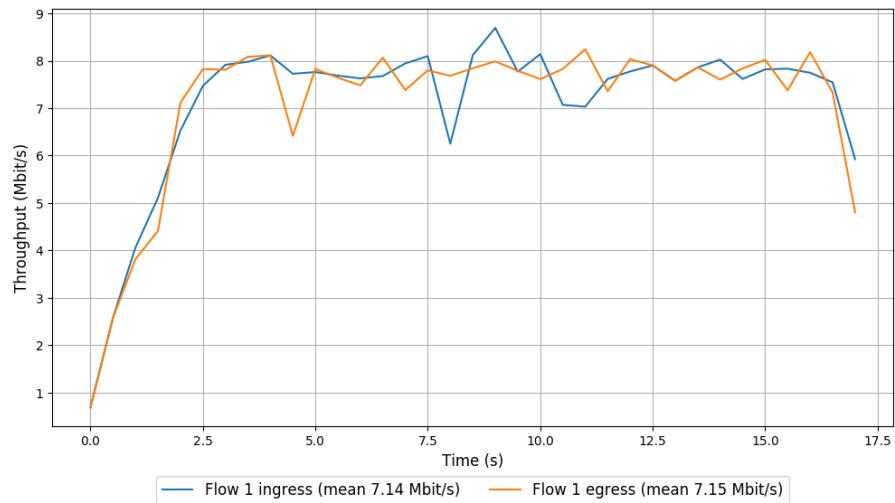
Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Tue, 04 Jul 2017 05:07:56 +0000
End at: Tue, 04 Jul 2017 05:08:26 +0000
Local clock offset: 0.18 ms
Remote clock offset: -32.683 ms

Run 3: Report of Sprout — Data Link

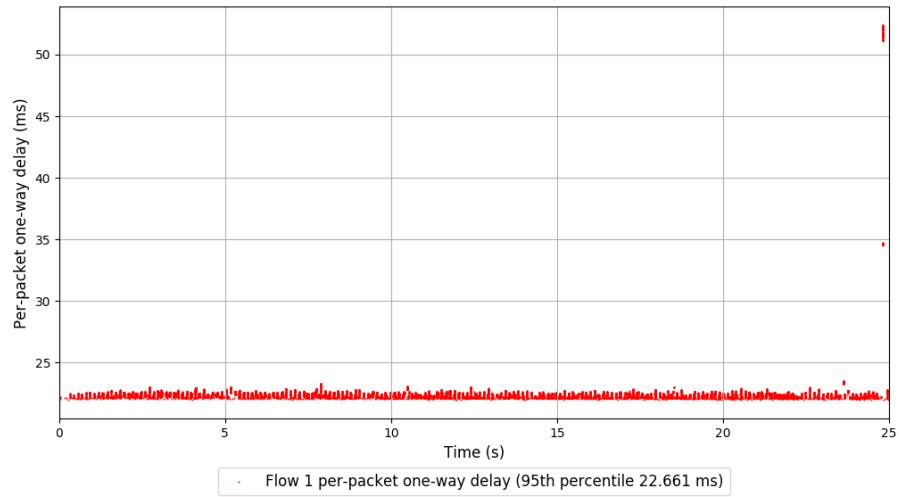
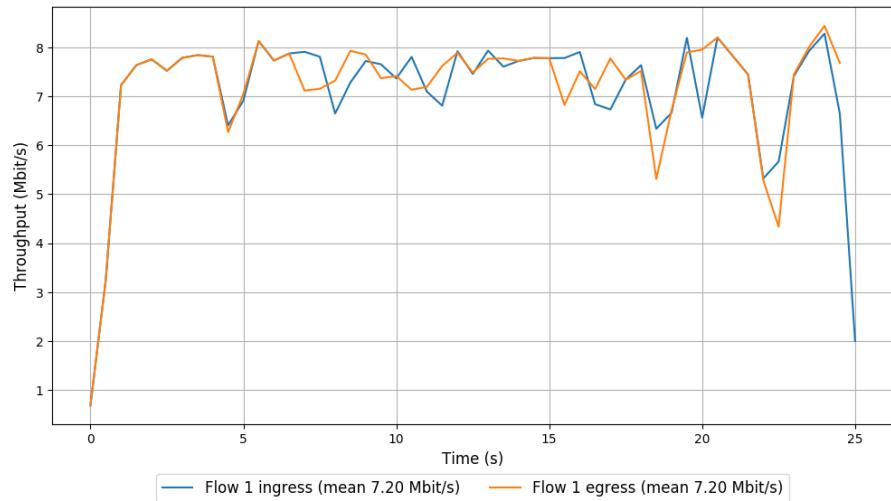


Run 4: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:25:26 +0000
End at: Tue, 04 Jul 2017 05:25:56 +0000
Local clock offset: 0.187 ms
Remote clock offset: -35.488 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 0.57%
```

Run 4: Report of Sprout — Data Link

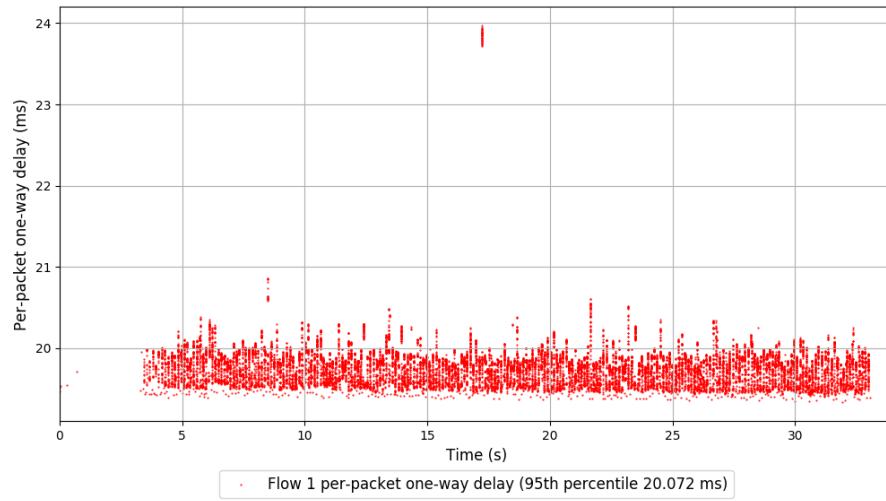
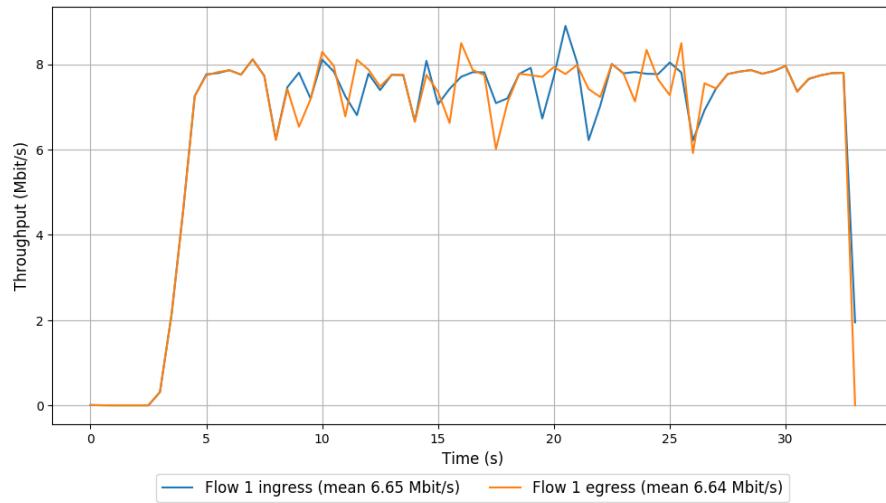


Run 5: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:42:51 +0000
End at: Tue, 04 Jul 2017 05:43:21 +0000
Local clock offset: 0.099 ms
Remote clock offset: -38.002 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 20.072 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 20.072 ms
Loss rate: 0.45%
```

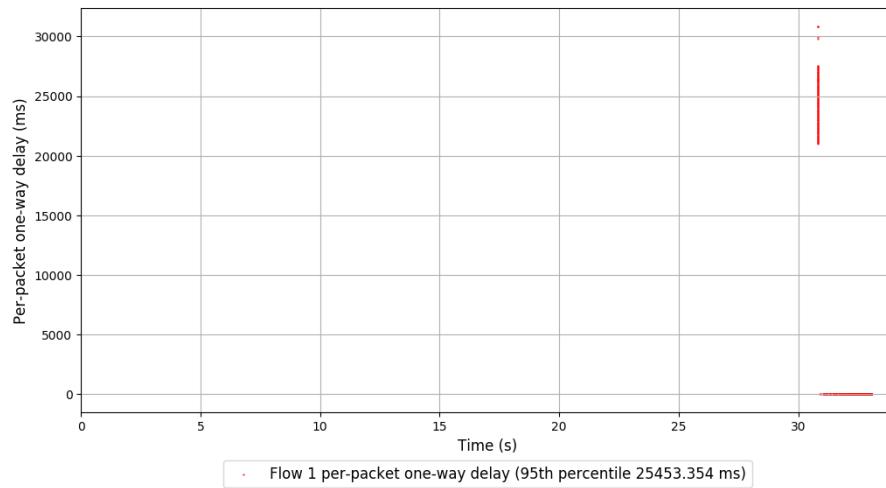
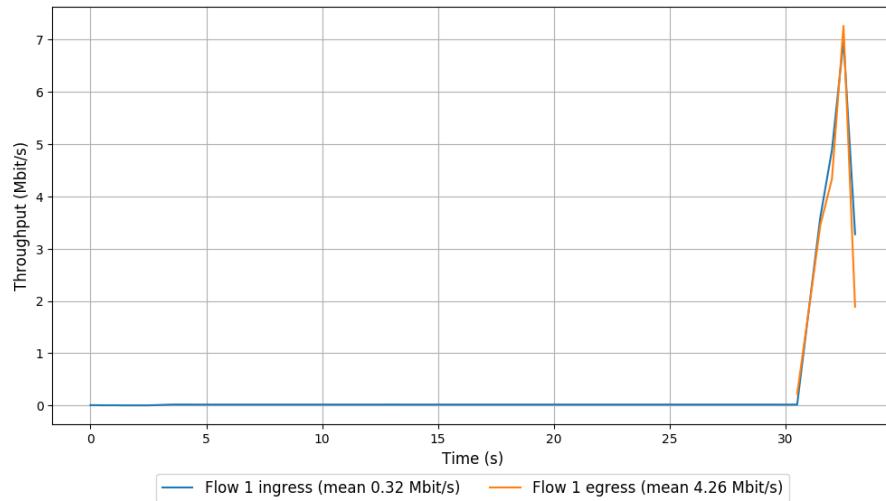
Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 04 Jul 2017 06:00:25 +0000
End at: Tue, 04 Jul 2017 06:00:55 +0000
Local clock offset: 0.121 ms
Remote clock offset: -41.152 ms

Run 6: Report of Sprout — Data Link

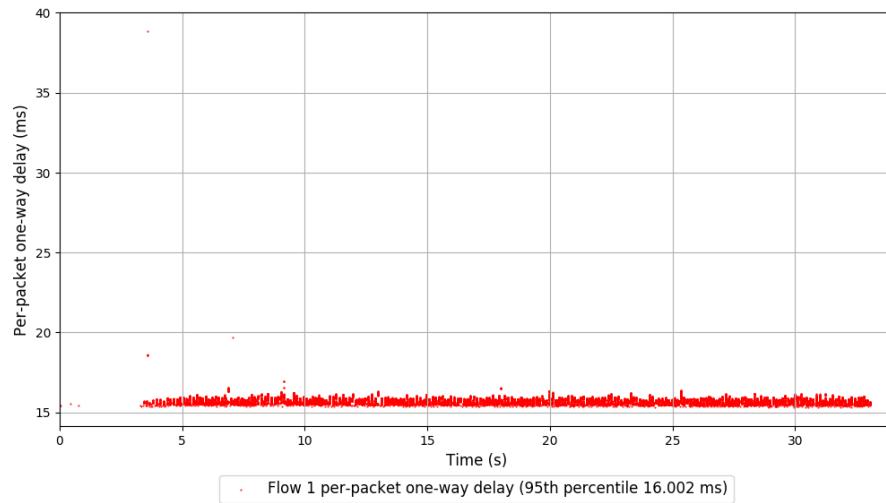
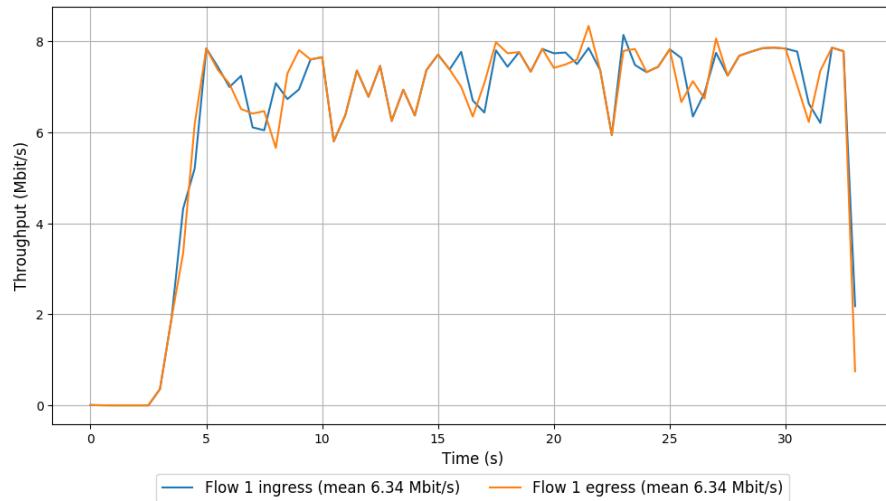


Run 7: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:17:56 +0000
End at: Tue, 04 Jul 2017 06:18:26 +0000
Local clock offset: 0.191 ms
Remote clock offset: -43.118 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 16.002 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 16.002 ms
Loss rate: 0.34%
```

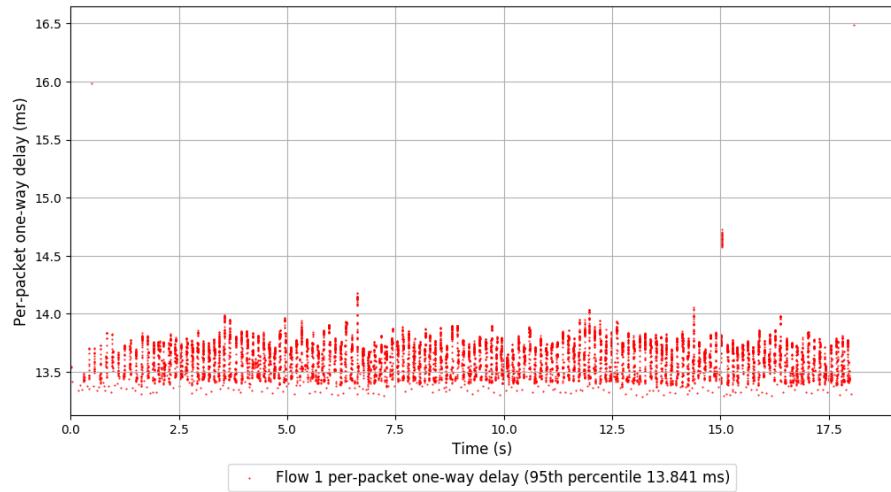
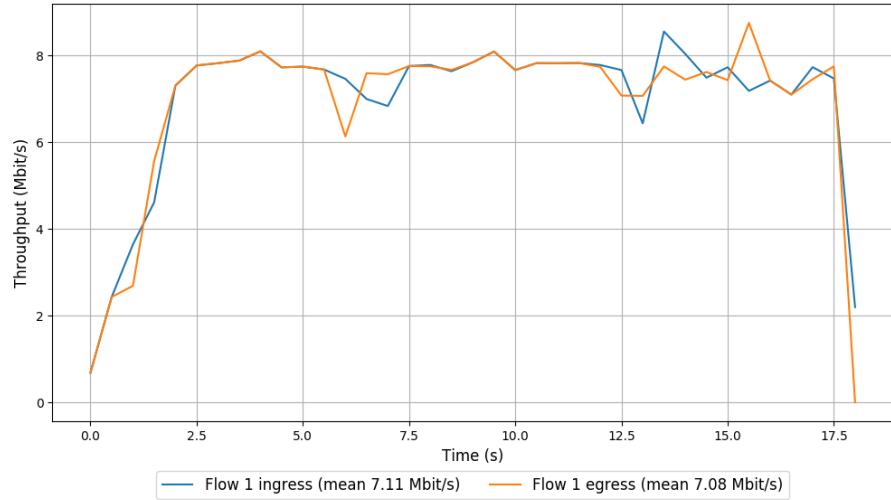
Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 04 Jul 2017 06:35:14 +0000
End at: Tue, 04 Jul 2017 06:35:44 +0000
Local clock offset: 0.126 ms
Remote clock offset: -44.319 ms

Run 8: Report of Sprout — Data Link

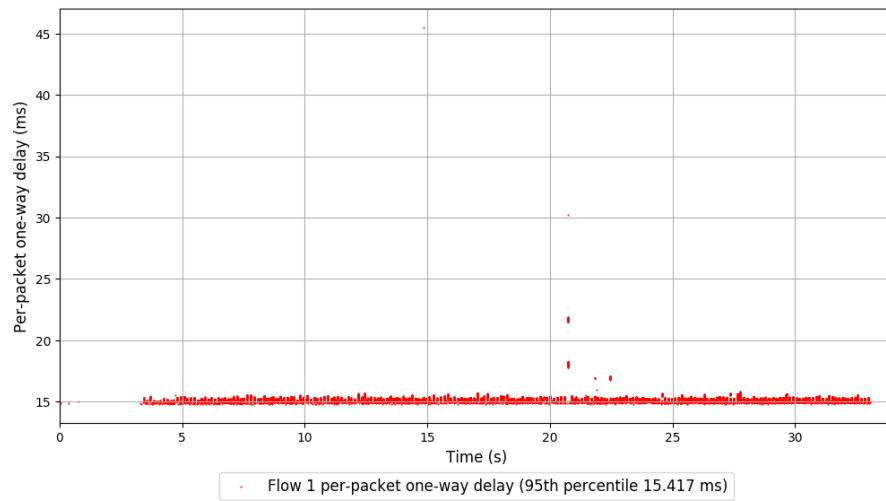
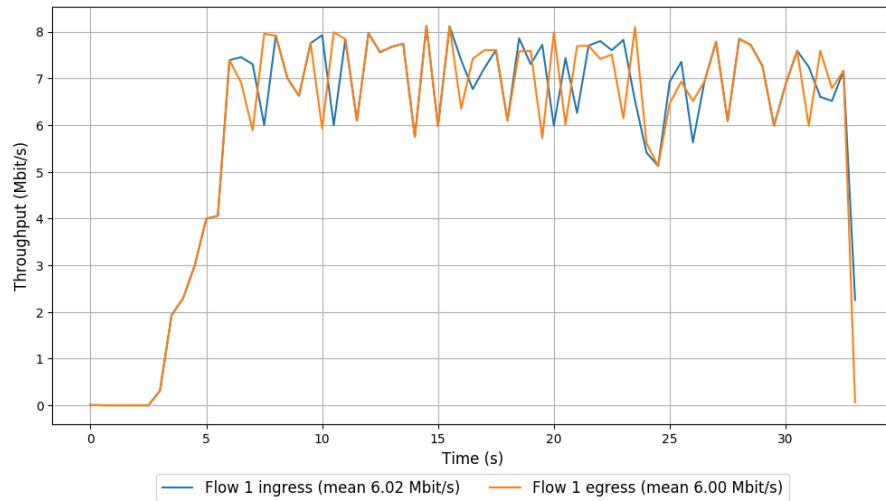


Run 9: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:52:39 +0000
End at: Tue, 04 Jul 2017 06:53:09 +0000
Local clock offset: 0.19 ms
Remote clock offset: -43.412 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.00 Mbit/s
95th percentile per-packet one-way delay: 15.417 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 6.00 Mbit/s
95th percentile per-packet one-way delay: 15.417 ms
Loss rate: 0.65%
```

Run 9: Report of Sprout — Data Link

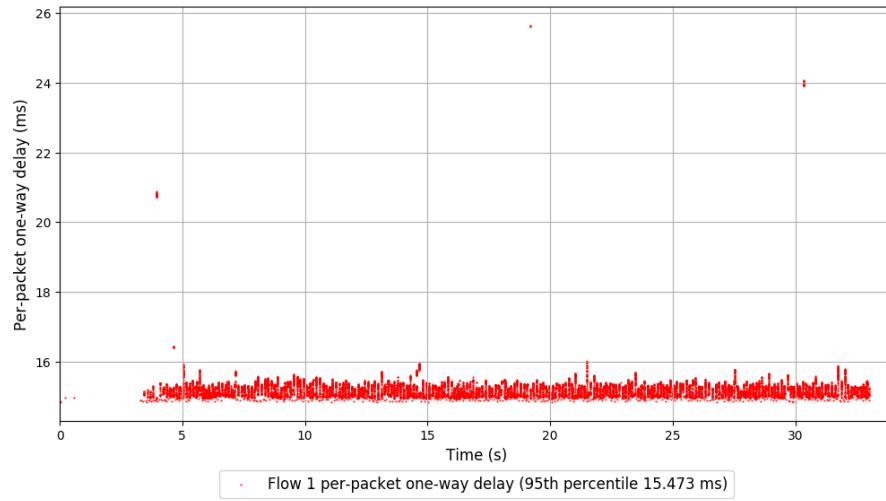
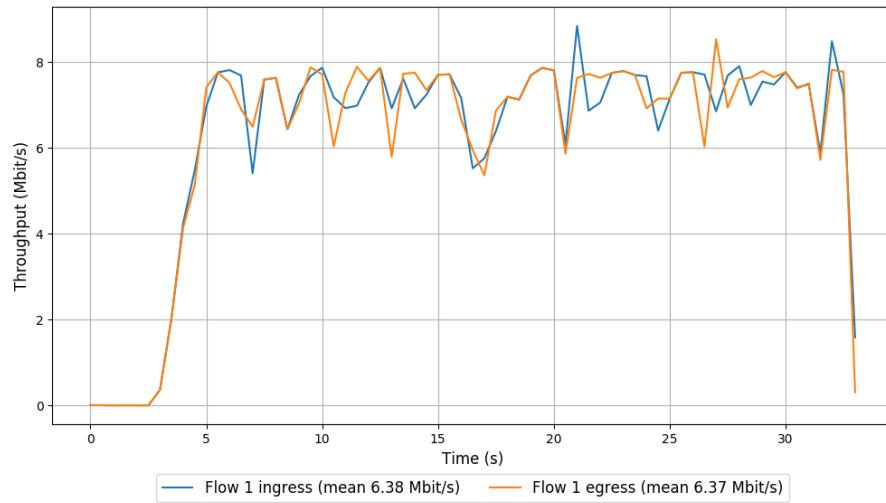


Run 10: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 07:10:10 +0000
End at: Tue, 04 Jul 2017 07:10:40 +0000
Local clock offset: 0.183 ms
Remote clock offset: -43.043 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.37 Mbit/s
95th percentile per-packet one-way delay: 15.473 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 6.37 Mbit/s
95th percentile per-packet one-way delay: 15.473 ms
Loss rate: 0.39%
```

Run 10: Report of Sprout — Data Link

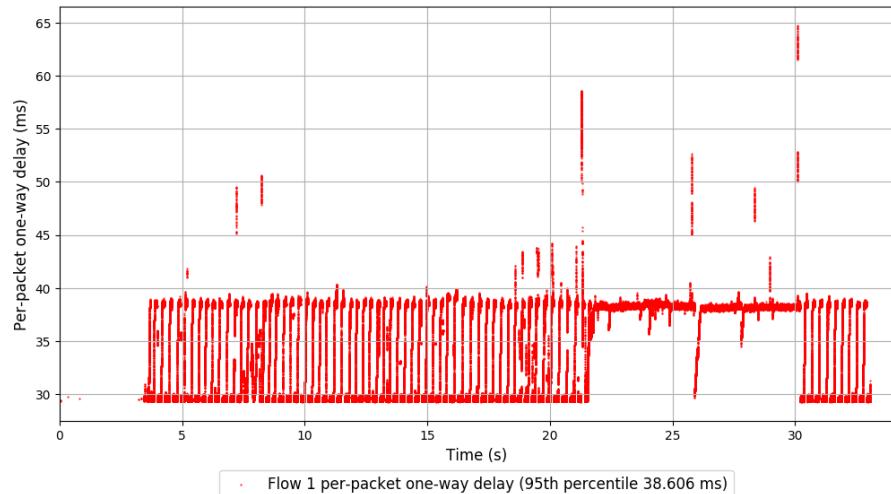
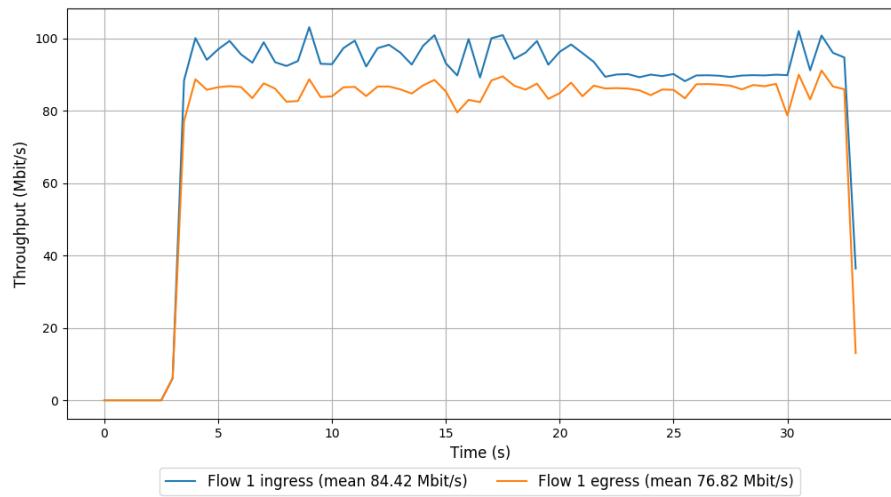


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:28:08 +0000
End at: Tue, 04 Jul 2017 04:28:38 +0000
Local clock offset: 0.181 ms
Remote clock offset: -28.177 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 38.606 ms
Loss rate: 9.31%
-- Flow 1:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 38.606 ms
Loss rate: 9.31%
```

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

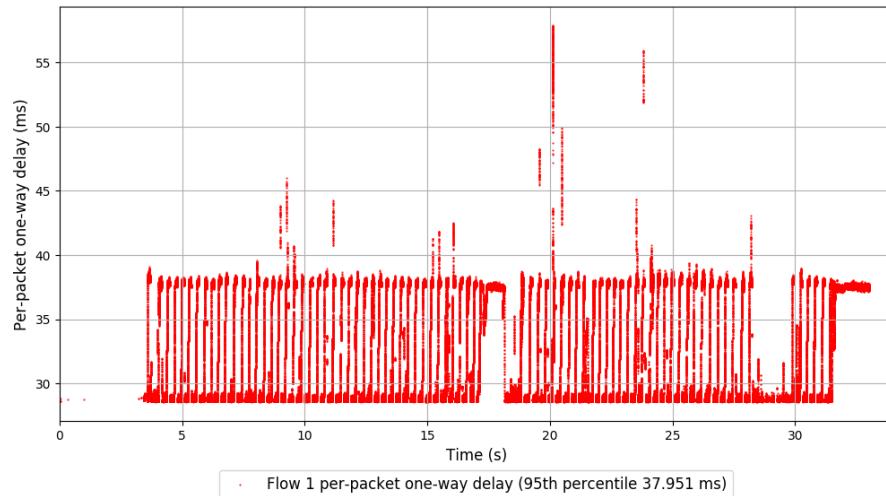
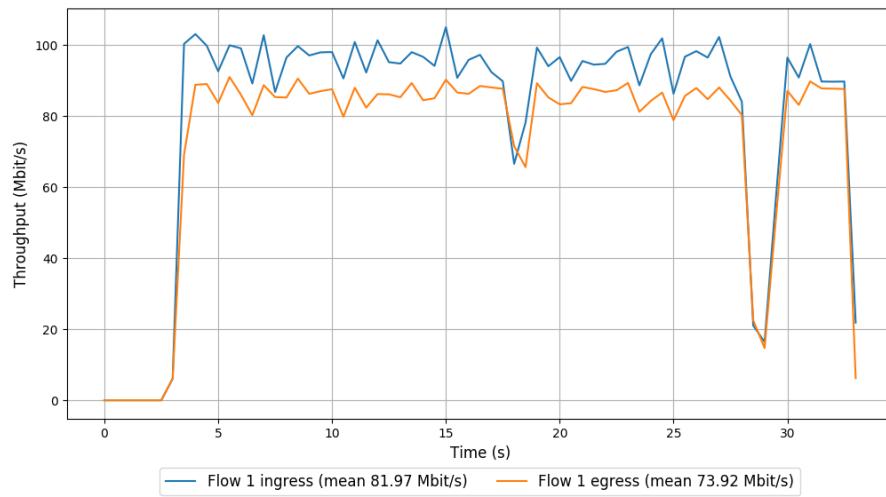


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:45:39 +0000
End at: Tue, 04 Jul 2017 04:46:09 +0000
Local clock offset: 0.222 ms
Remote clock offset: -29.295 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.92 Mbit/s
95th percentile per-packet one-way delay: 37.951 ms
Loss rate: 10.14%
-- Flow 1:
Average throughput: 73.92 Mbit/s
95th percentile per-packet one-way delay: 37.951 ms
Loss rate: 10.14%
```

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

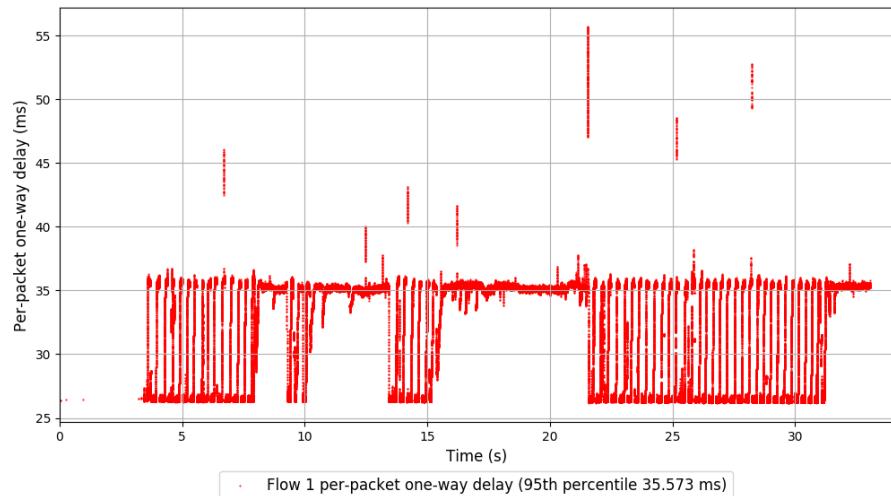
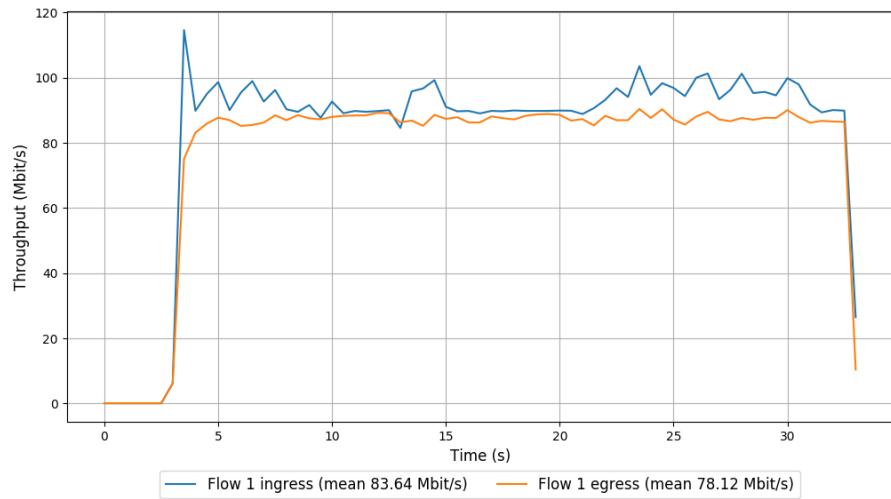


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:03:08 +0000
End at: Tue, 04 Jul 2017 05:03:38 +0000
Local clock offset: 0.21 ms
Remote clock offset: -31.931 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:07:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 35.573 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 35.573 ms
Loss rate: 6.93%
```

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



Run 4: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 05:20:35 +0000

End at: Tue, 04 Jul 2017 05:21:05 +0000

Local clock offset: 0.186 ms

Remote clock offset: -34.267 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:07:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.27 Mbit/s

95th percentile per-packet one-way delay: 32.314 ms

Loss rate: 2.72%

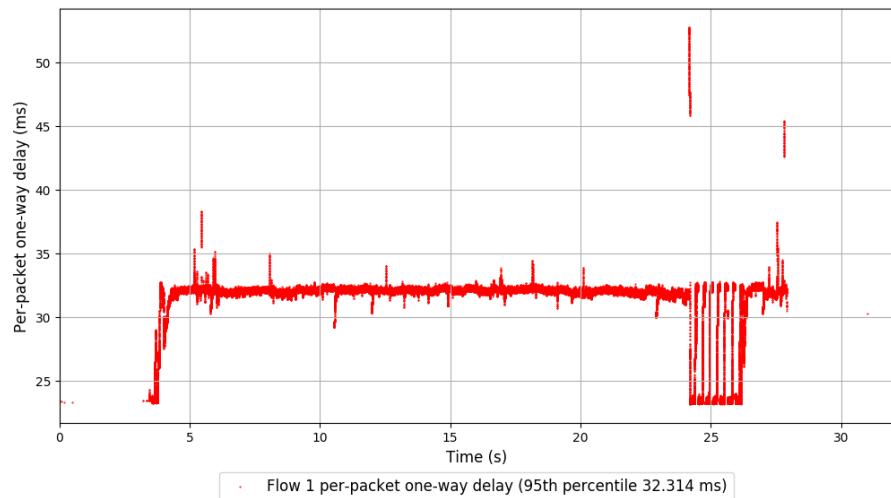
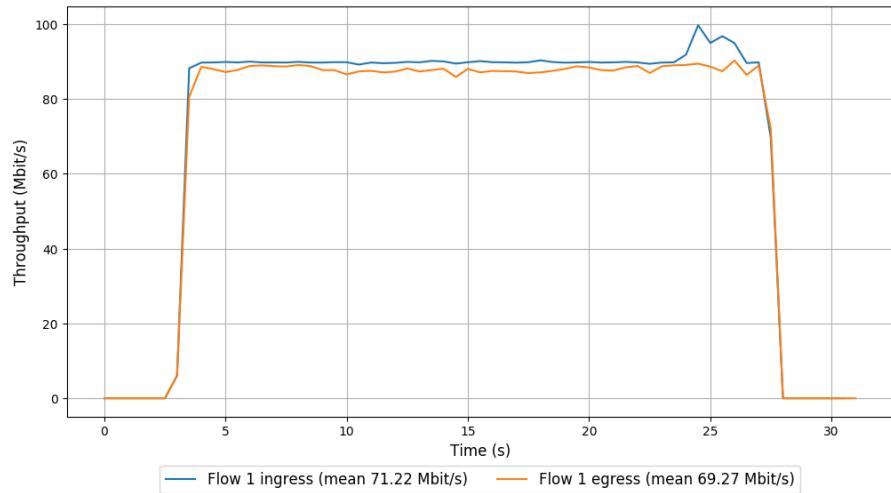
-- Flow 1:

Average throughput: 69.27 Mbit/s

95th percentile per-packet one-way delay: 32.314 ms

Loss rate: 2.72%

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

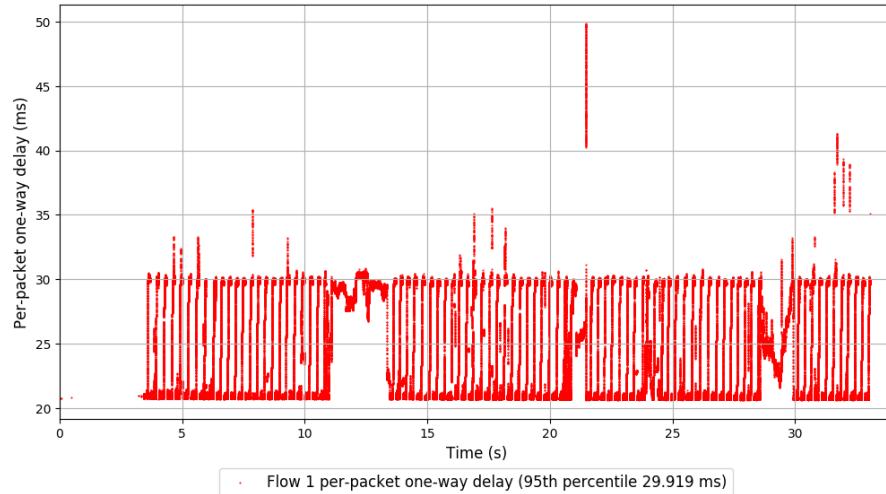
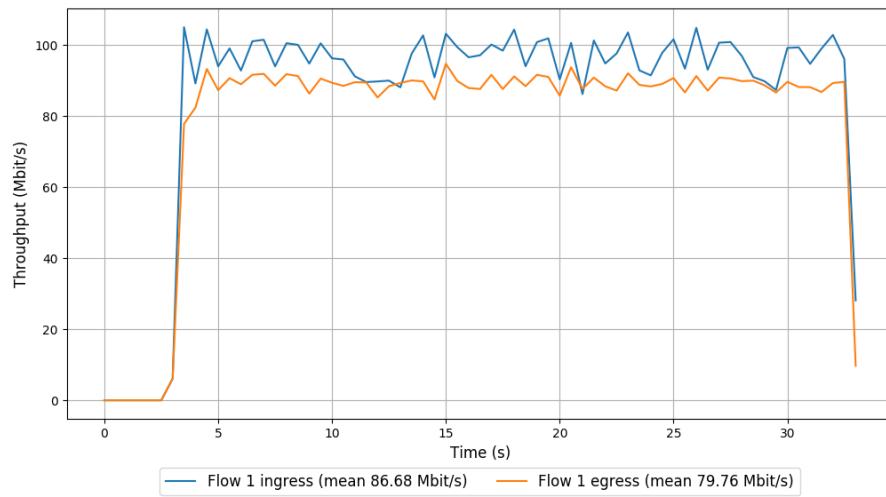


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:38:08 +0000
End at: Tue, 04 Jul 2017 05:38:38 +0000
Local clock offset: 0.219 ms
Remote clock offset: -37.281 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 29.919 ms
Loss rate: 8.29%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 29.919 ms
Loss rate: 8.29%
```

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

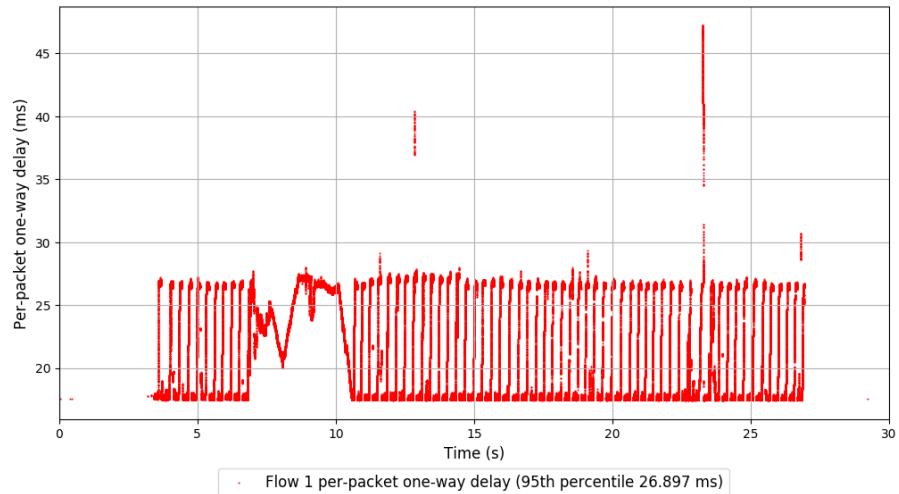
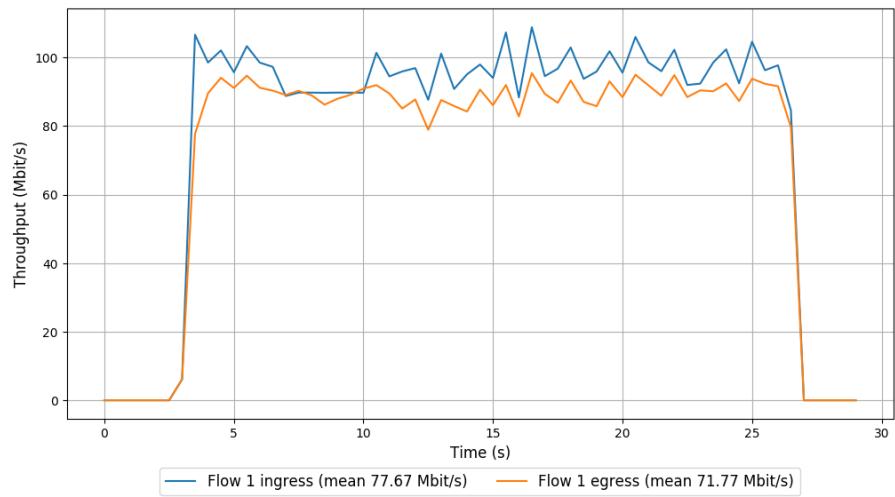


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:55:36 +0000
End at: Tue, 04 Jul 2017 05:56:06 +0000
Local clock offset: 0.179 ms
Remote clock offset: -40.185 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.77 Mbit/s
95th percentile per-packet one-way delay: 26.897 ms
Loss rate: 7.59%
-- Flow 1:
Average throughput: 71.77 Mbit/s
95th percentile per-packet one-way delay: 26.897 ms
Loss rate: 7.59%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:13:08 +0000

End at: Tue, 04 Jul 2017 06:13:38 +0000

Local clock offset: 0.199 ms

Remote clock offset: -42.56 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:08:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 24.640 ms

Loss rate: 8.49%

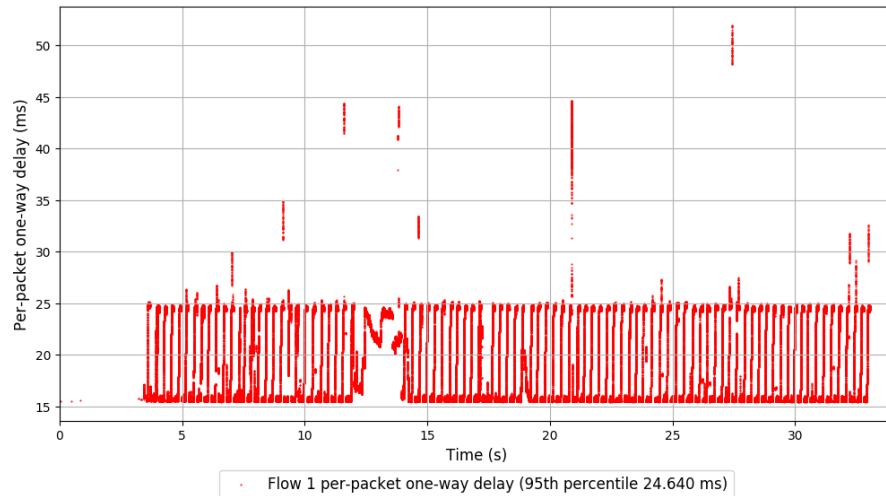
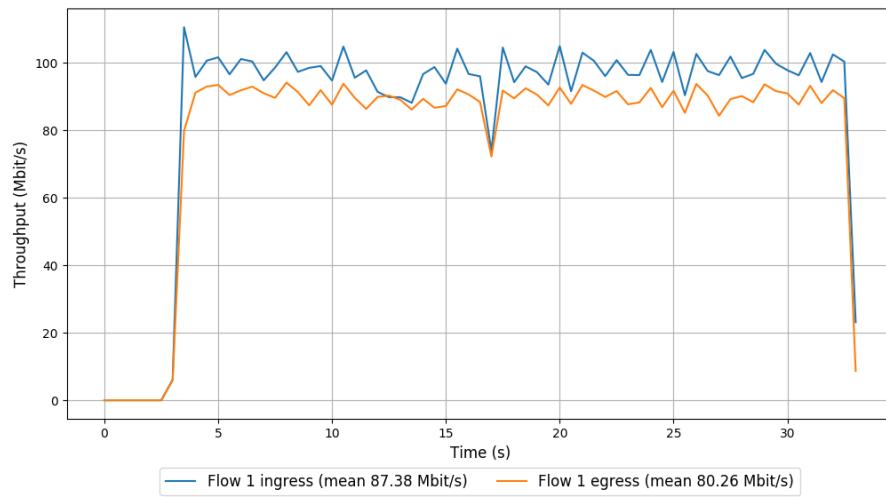
-- Flow 1:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 24.640 ms

Loss rate: 8.49%

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

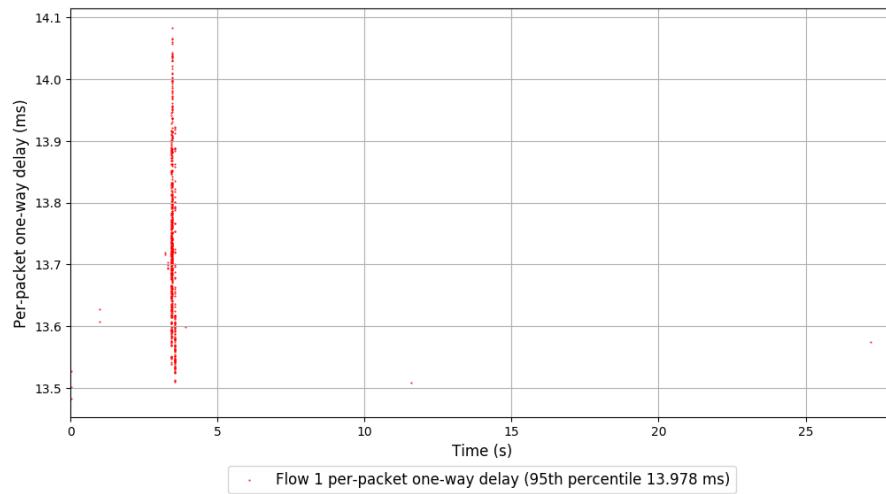
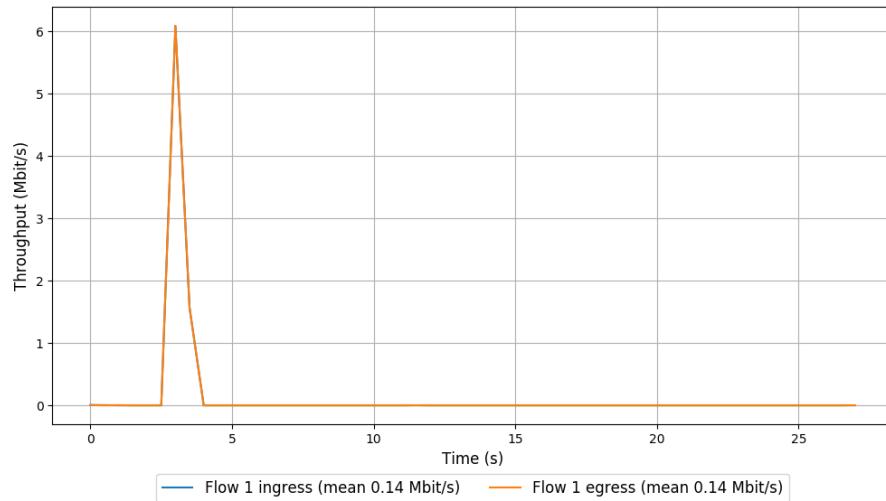


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 06:30:37 +0000
End at: Tue, 04 Jul 2017 06:31:07 +0000
Local clock offset: 0.196 ms
Remote clock offset: -44.062 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 13.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 13.978 ms
Loss rate: 0.00%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:47:51 +0000

End at: Tue, 04 Jul 2017 06:48:21 +0000

Local clock offset: 0.205 ms

Remote clock offset: -44.068 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:08:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.08 Mbit/s

95th percentile per-packet one-way delay: 23.099 ms

Loss rate: 7.64%

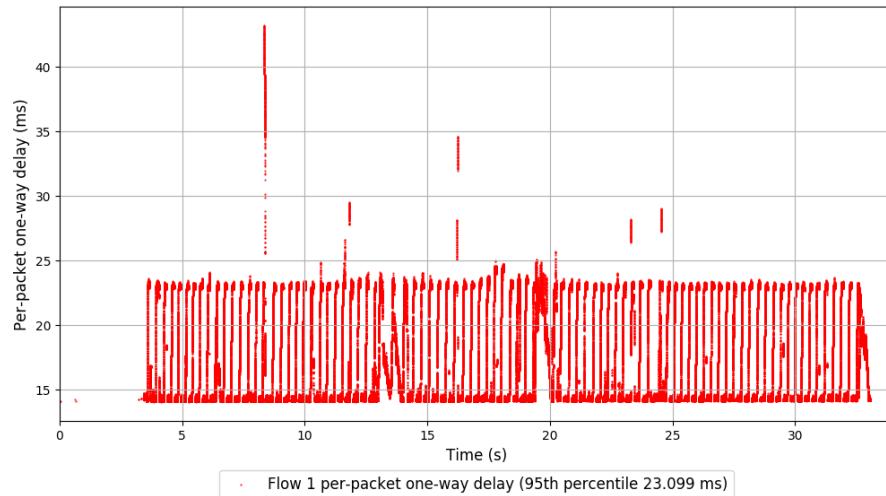
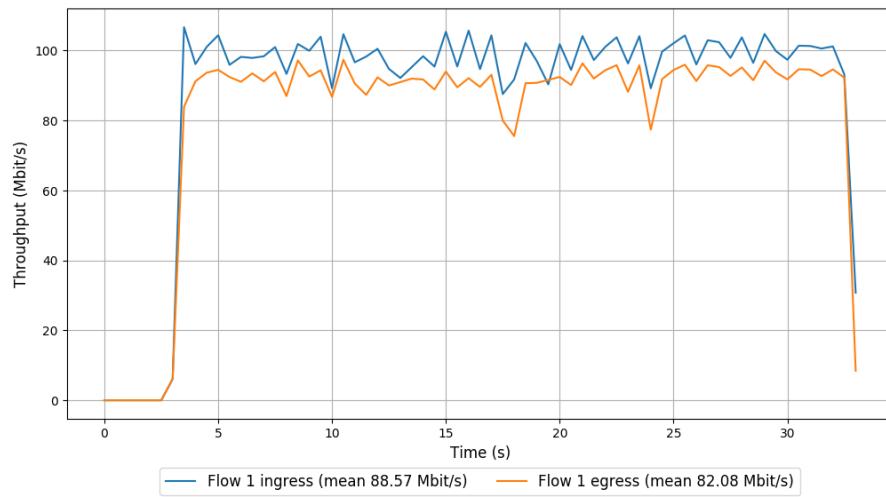
-- Flow 1:

Average throughput: 82.08 Mbit/s

95th percentile per-packet one-way delay: 23.099 ms

Loss rate: 7.64%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 07:05:23 +0000

End at: Tue, 04 Jul 2017 07:05:53 +0000

Local clock offset: 0.087 ms

Remote clock offset: -43.072 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.22 Mbit/s

95th percentile per-packet one-way delay: 23.429 ms

Loss rate: 6.97%

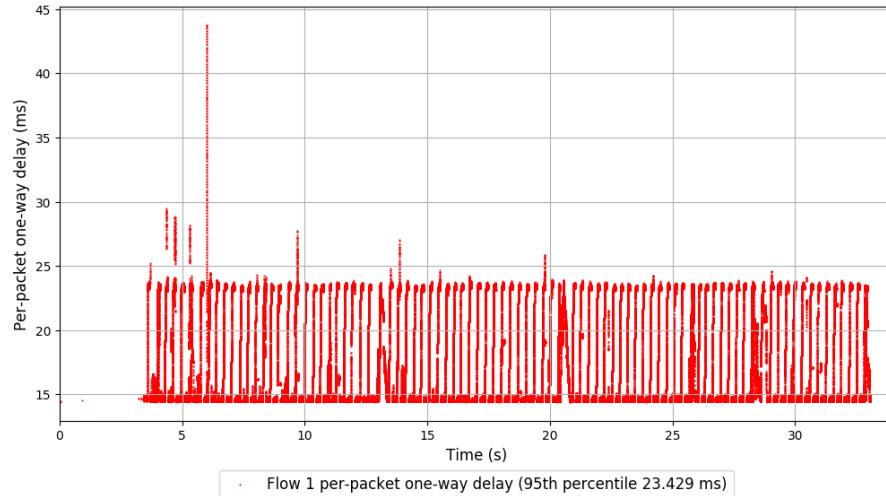
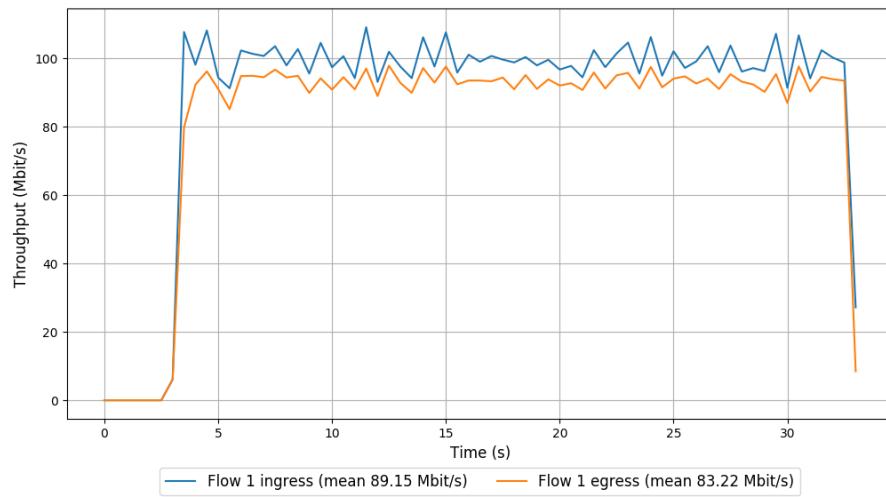
-- Flow 1:

Average throughput: 83.22 Mbit/s

95th percentile per-packet one-way delay: 23.429 ms

Loss rate: 6.97%

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

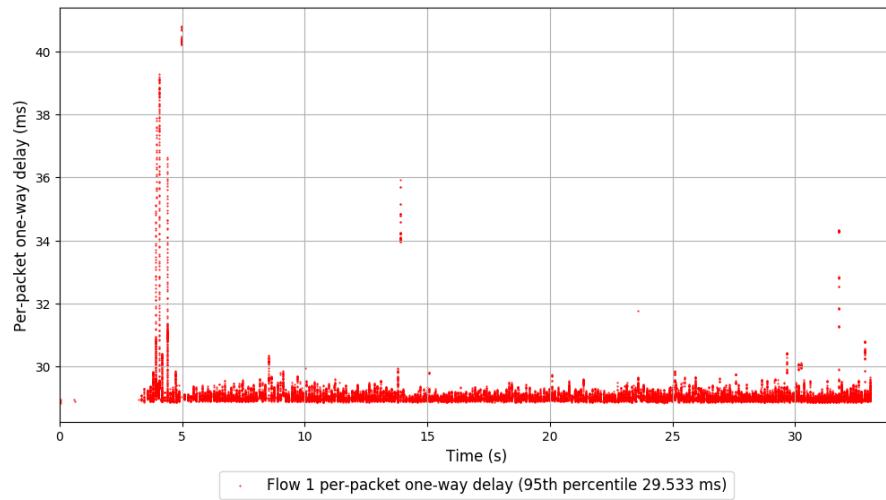
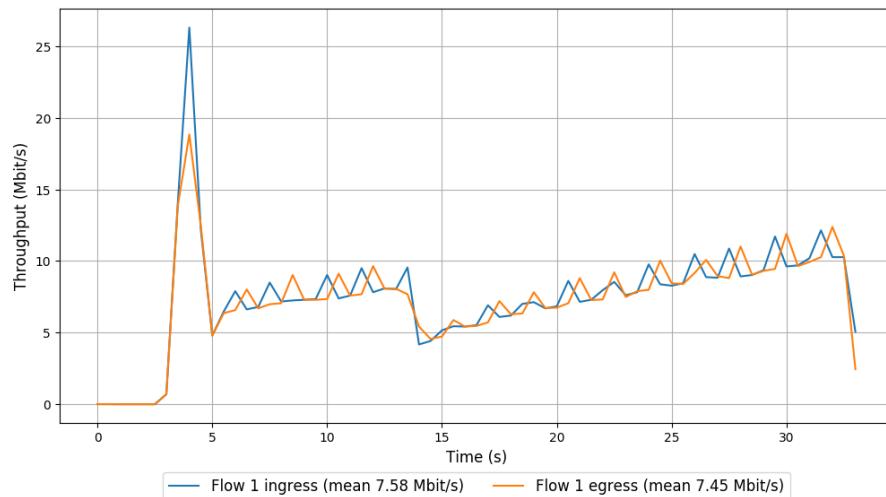


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:37:36 +0000
End at: Tue, 04 Jul 2017 04:38:06 +0000
Local clock offset: 0.199 ms
Remote clock offset: -29.047 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 29.533 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 29.533 ms
Loss rate: 2.09%
```

Run 1: Report of TCP Vegas — Data Link

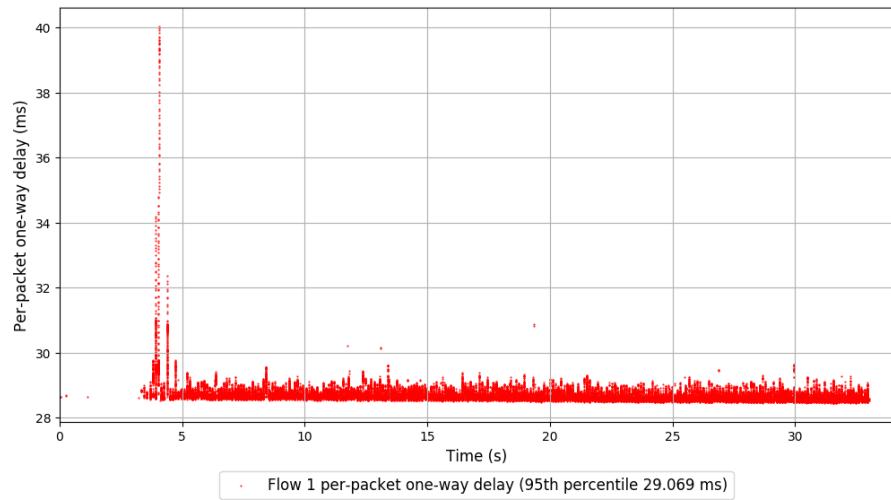
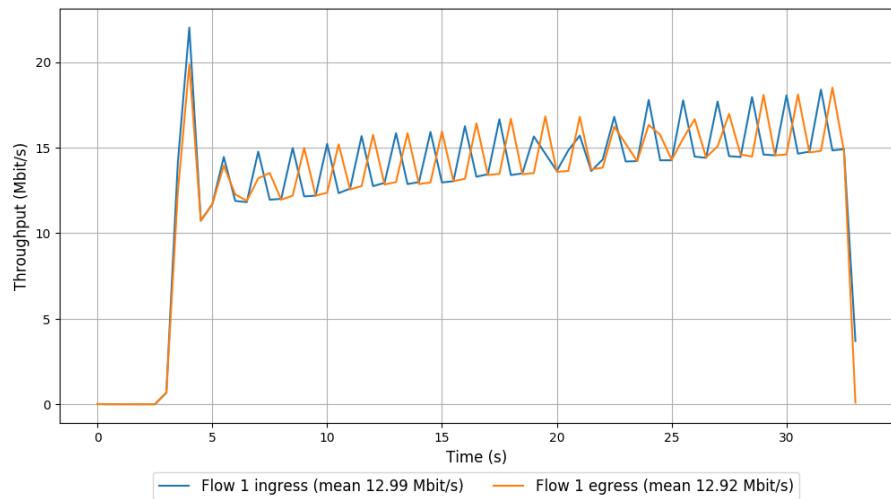


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:55:10 +0000
End at: Tue, 04 Jul 2017 04:55:40 +0000
Local clock offset: 0.145 ms
Remote clock offset: -29.7 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 29.069 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 29.069 ms
Loss rate: 0.88%
```

Run 2: Report of TCP Vegas — Data Link

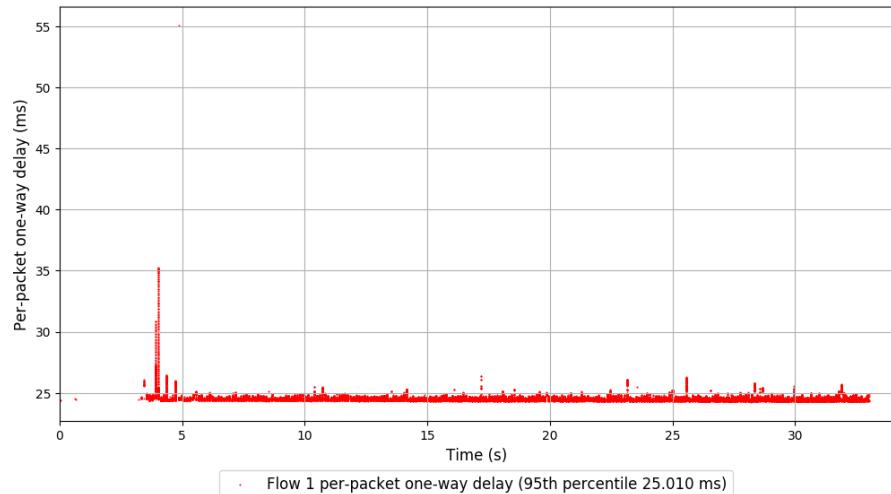
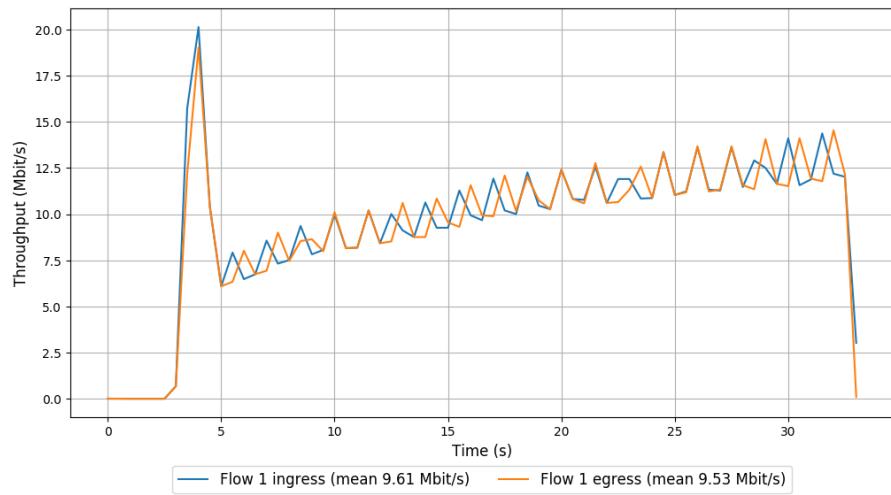


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:12:36 +0000
End at: Tue, 04 Jul 2017 05:13:06 +0000
Local clock offset: 0.2 ms
Remote clock offset: -33.114 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 25.010 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 25.010 ms
Loss rate: 1.21%
```

Run 3: Report of TCP Vegas — Data Link

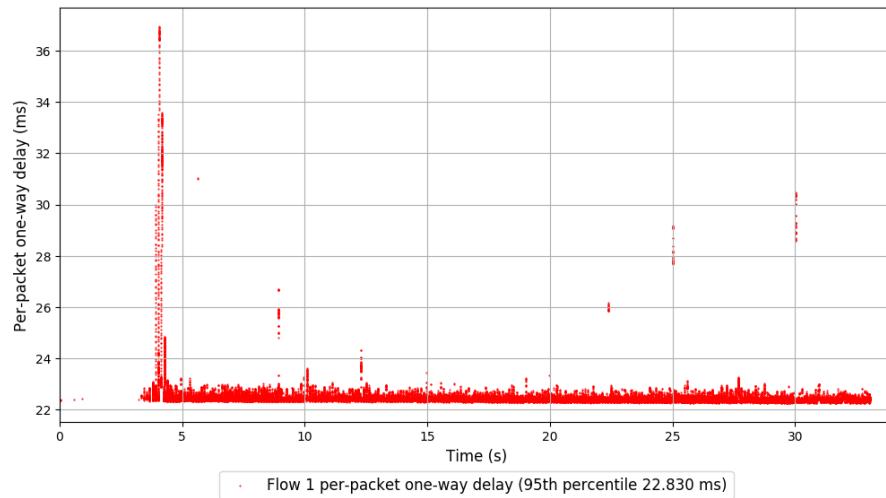
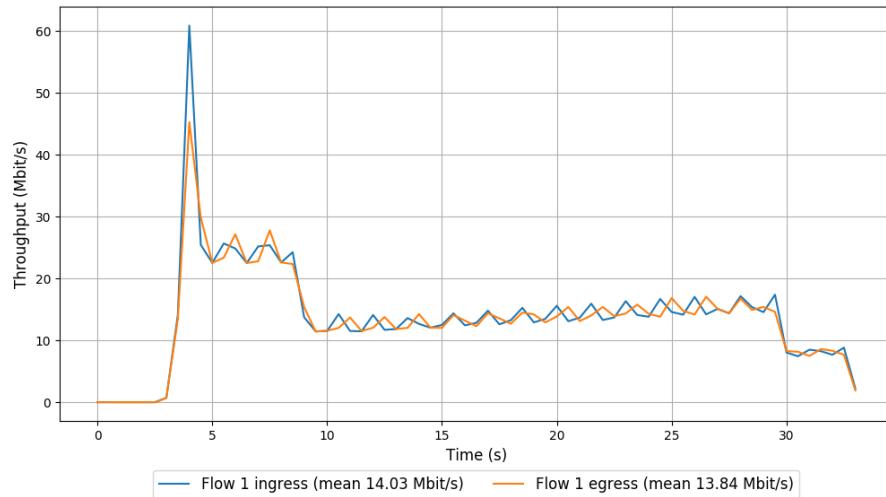


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:30:07 +0000
End at: Tue, 04 Jul 2017 05:30:37 +0000
Local clock offset: 0.13 ms
Remote clock offset: -35.569 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 22.830 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 22.830 ms
Loss rate: 1.66%
```

Run 4: Report of TCP Vegas — Data Link

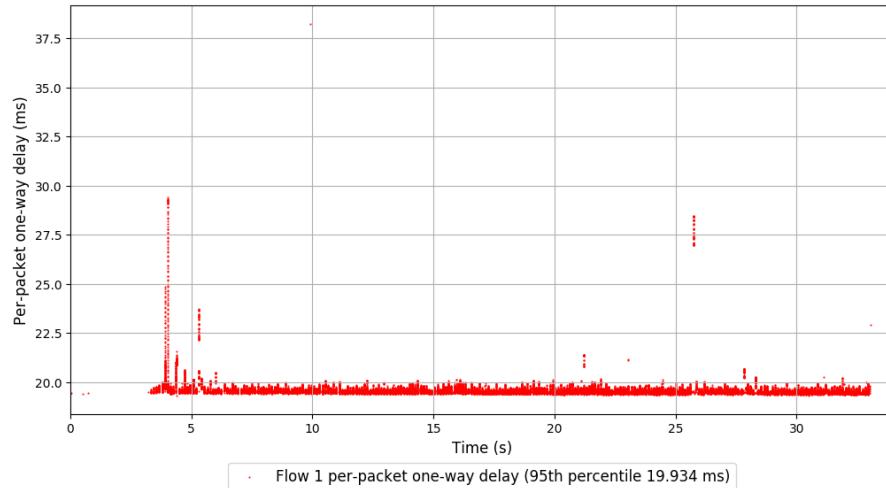
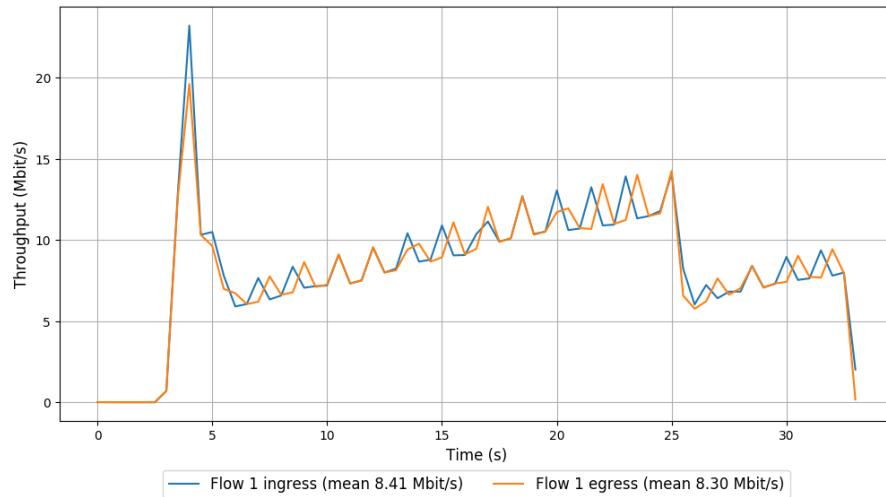


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:47:31 +0000
End at: Tue, 04 Jul 2017 05:48:01 +0000
Local clock offset: 0.124 ms
Remote clock offset: -39.186 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 19.934 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 19.934 ms
Loss rate: 1.49%
```

Run 5: Report of TCP Vegas — Data Link

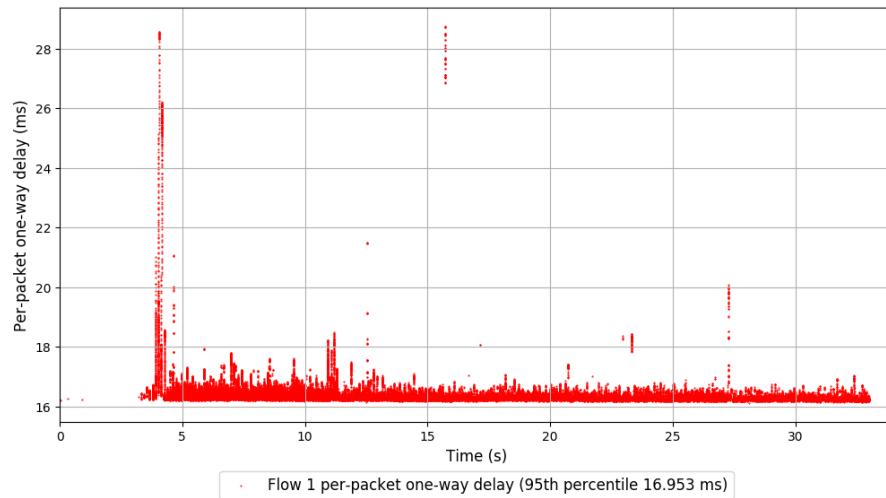
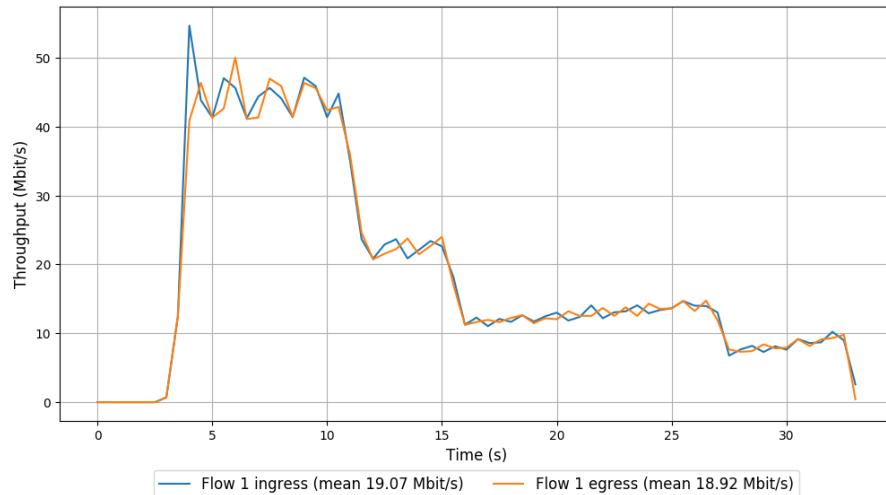


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:05:06 +0000
End at: Tue, 04 Jul 2017 06:05:36 +0000
Local clock offset: 0.185 ms
Remote clock offset: -41.475 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.92 Mbit/s
95th percentile per-packet one-way delay: 16.953 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 18.92 Mbit/s
95th percentile per-packet one-way delay: 16.953 ms
Loss rate: 1.17%
```

Run 6: Report of TCP Vegas — Data Link

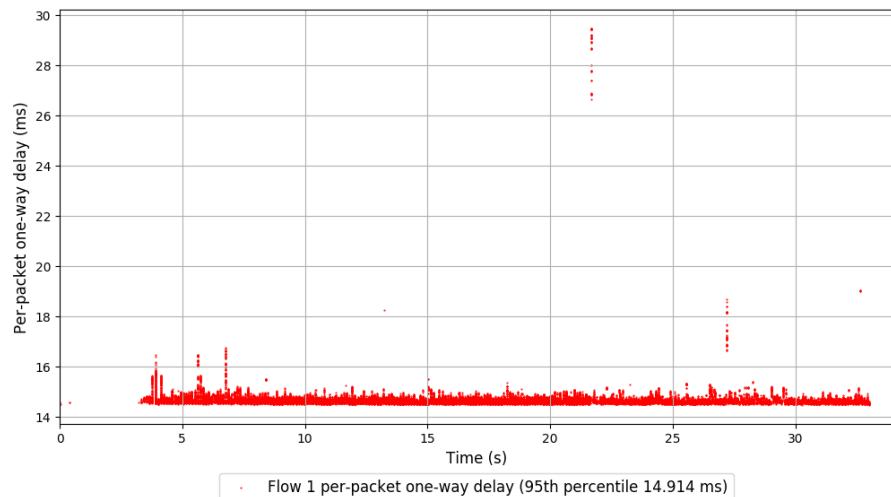
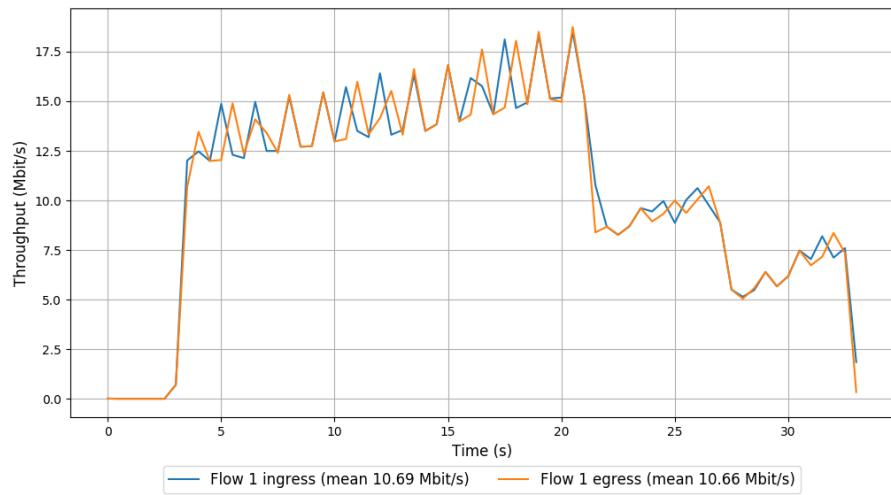


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:22:37 +0000
End at: Tue, 04 Jul 2017 06:23:07 +0000
Local clock offset: 0.118 ms
Remote clock offset: -43.51 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 14.914 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 14.914 ms
Loss rate: 0.69%
```

Run 7: Report of TCP Vegas — Data Link

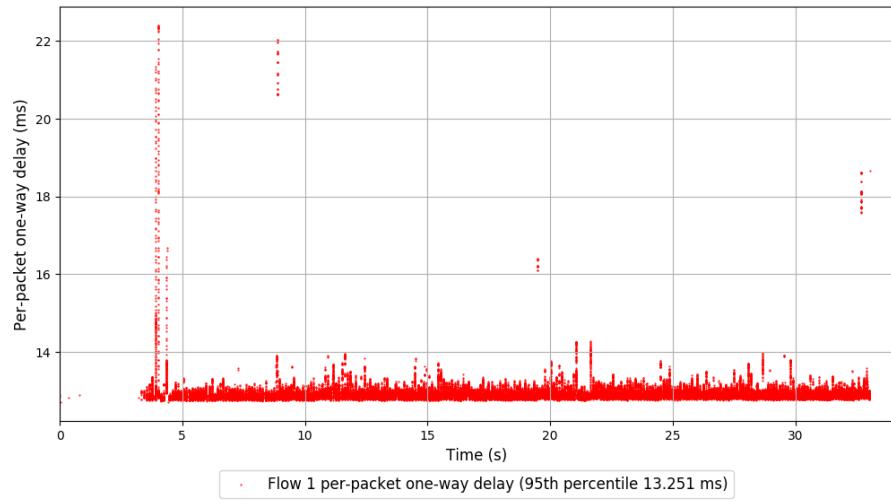
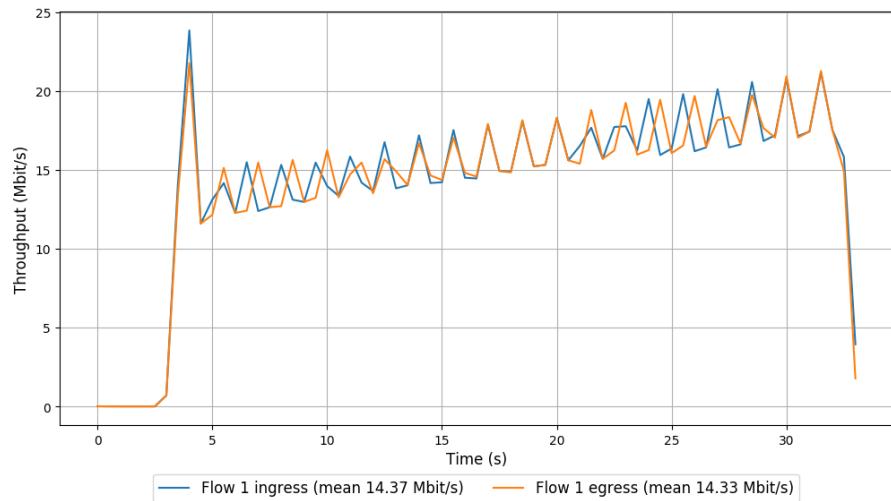


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:39:54 +0000
End at: Tue, 04 Jul 2017 06:40:24 +0000
Local clock offset: 0.215 ms
Remote clock offset: -44.087 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.33 Mbit/s
95th percentile per-packet one-way delay: 13.251 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 14.33 Mbit/s
95th percentile per-packet one-way delay: 13.251 ms
Loss rate: 0.61%
```

Run 8: Report of TCP Vegas — Data Link

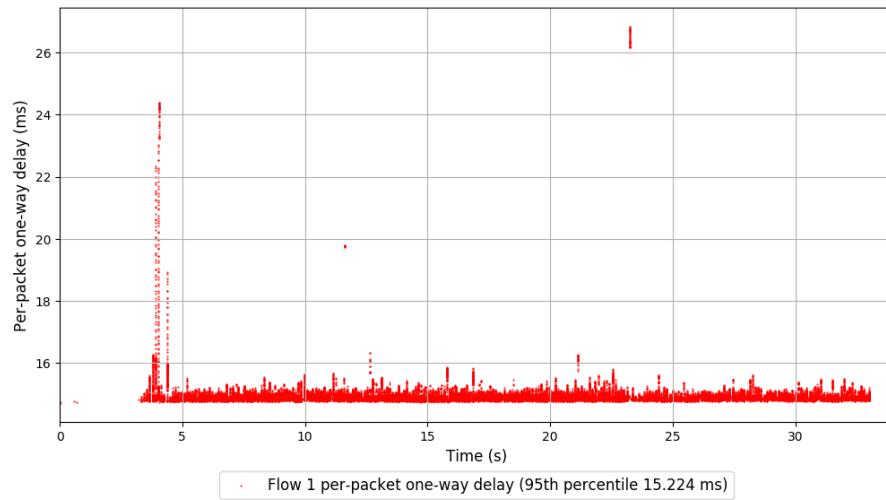
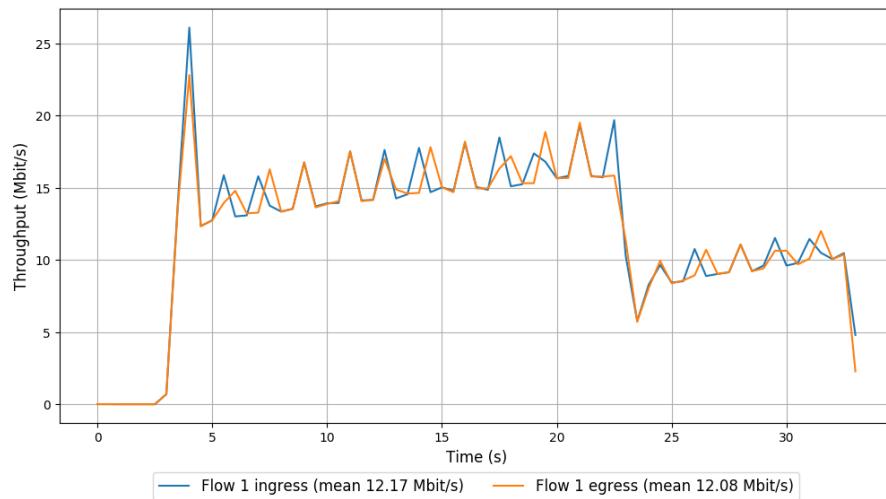


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:57:19 +0000
End at: Tue, 04 Jul 2017 06:57:49 +0000
Local clock offset: 0.105 ms
Remote clock offset: -43.683 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 15.224 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 15.224 ms
Loss rate: 1.11%
```

Run 9: Report of TCP Vegas — Data Link

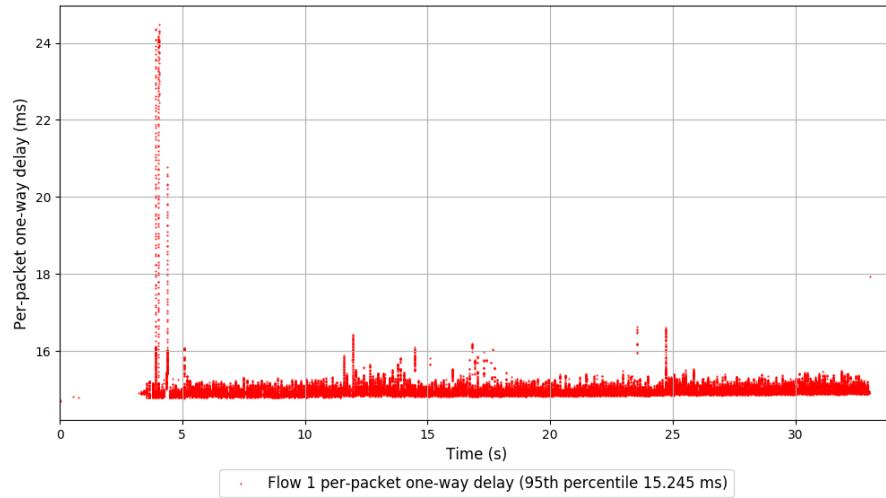
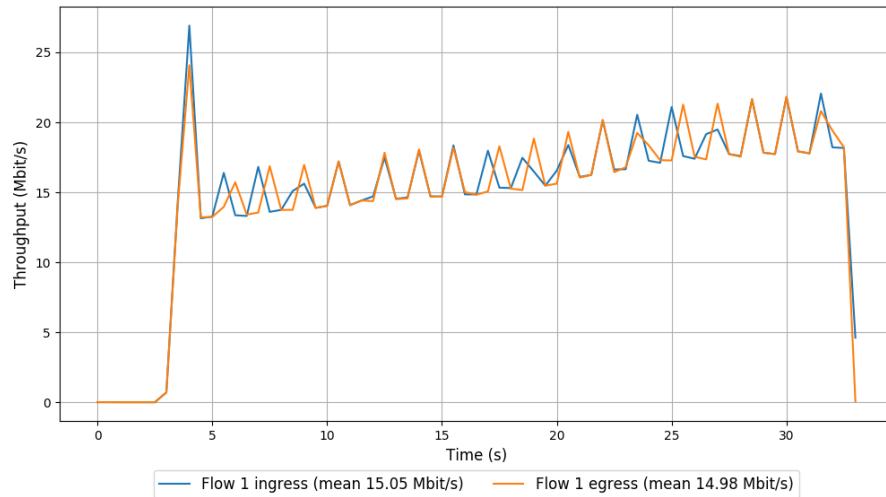


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 07:14:51 +0000
End at: Tue, 04 Jul 2017 07:15:21 +0000
Local clock offset: 0.209 ms
Remote clock offset: -43.064 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:08:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 15.245 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 15.245 ms
Loss rate: 0.76%
```

Run 10: Report of TCP Vegas — Data Link

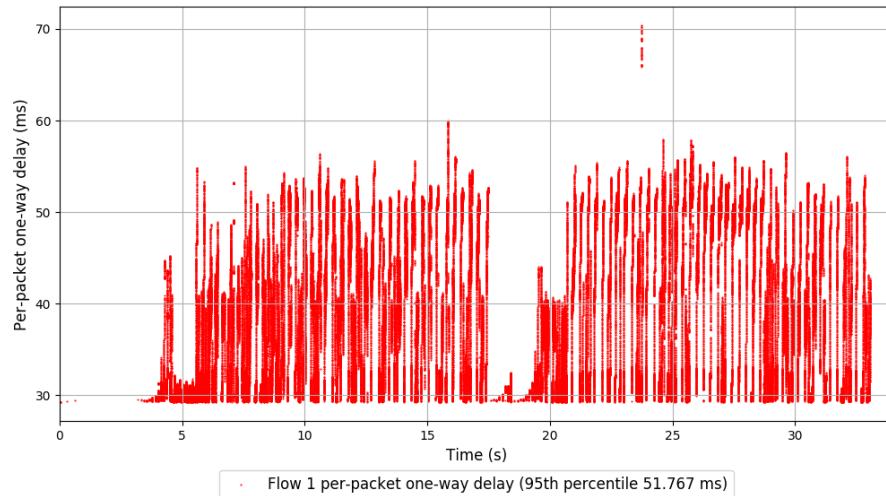
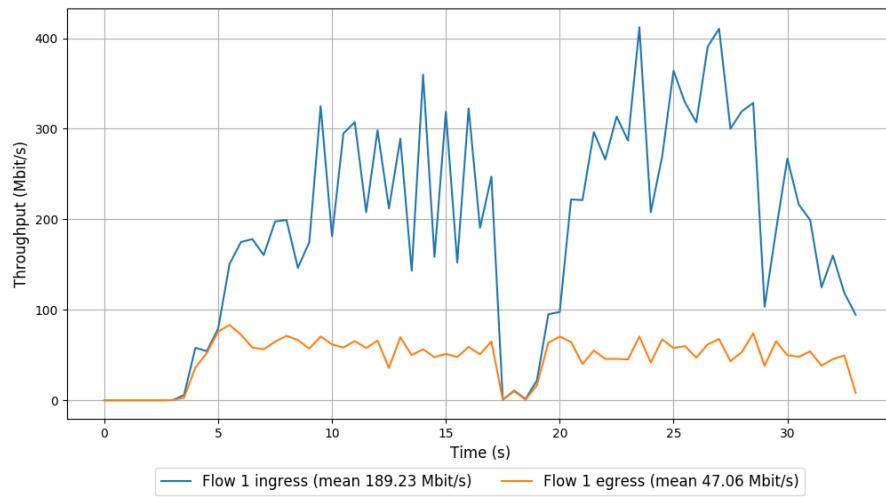


Run 1: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:31:39 +0000
End at: Tue, 04 Jul 2017 04:32:09 +0000
Local clock offset: 0.181 ms
Remote clock offset: -28.613 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 51.767 ms
Loss rate: 75.19%
-- Flow 1:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 51.767 ms
Loss rate: 75.19%
```

Run 1: Report of Verus — Data Link

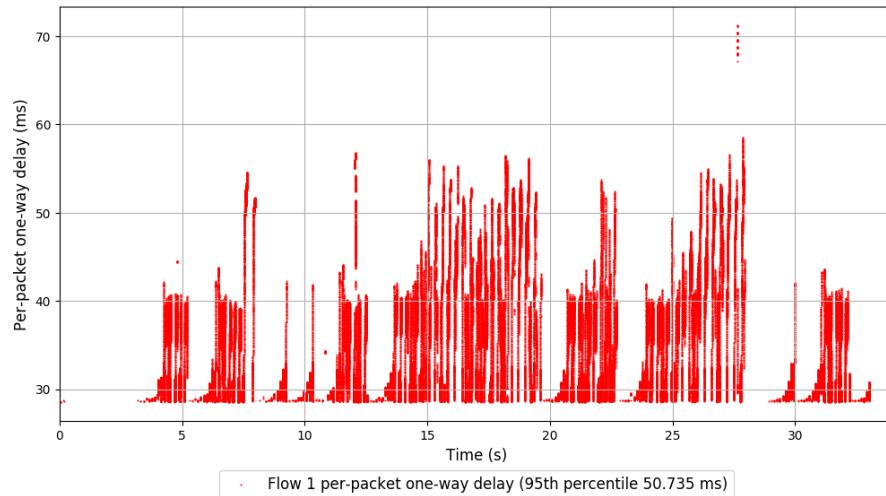
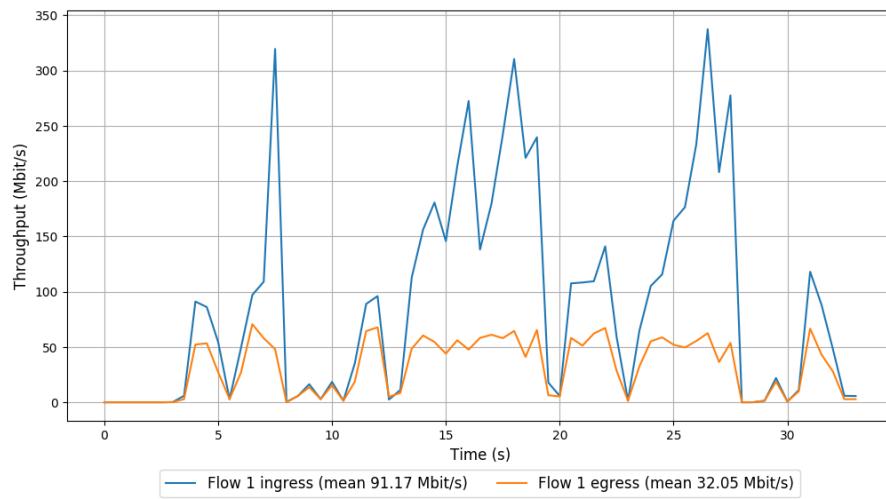


Run 2: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:49:17 +0000
End at: Tue, 04 Jul 2017 04:49:47 +0000
Local clock offset: 0.21 ms
Remote clock offset: -28.87 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 50.735 ms
Loss rate: 64.97%
-- Flow 1:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 50.735 ms
Loss rate: 64.97%
```

Run 2: Report of Verus — Data Link

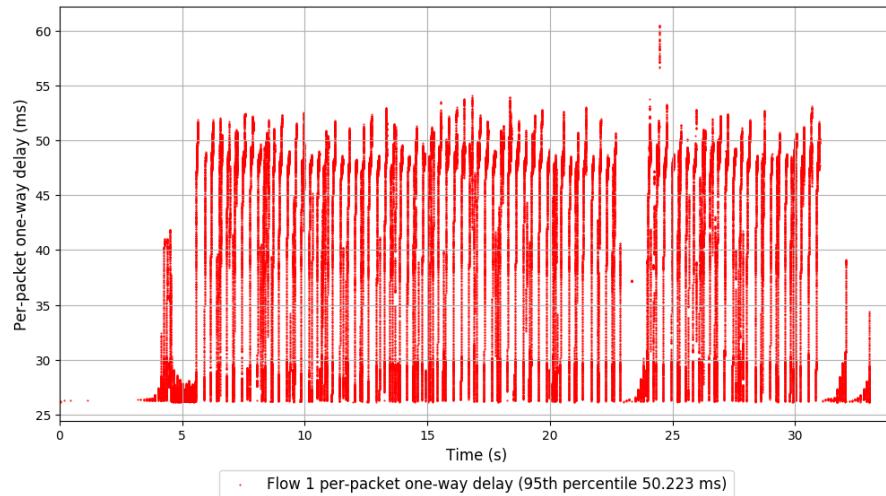
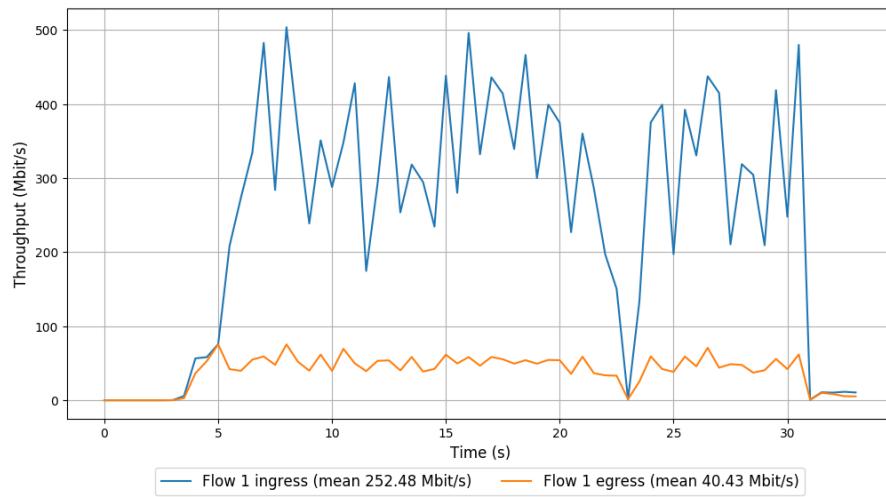


Run 3: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:06:39 +0000
End at: Tue, 04 Jul 2017 05:07:09 +0000
Local clock offset: 0.252 ms
Remote clock offset: -31.912 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 50.223 ms
Loss rate: 84.04%
-- Flow 1:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 50.223 ms
Loss rate: 84.04%
```

Run 3: Report of Verus — Data Link

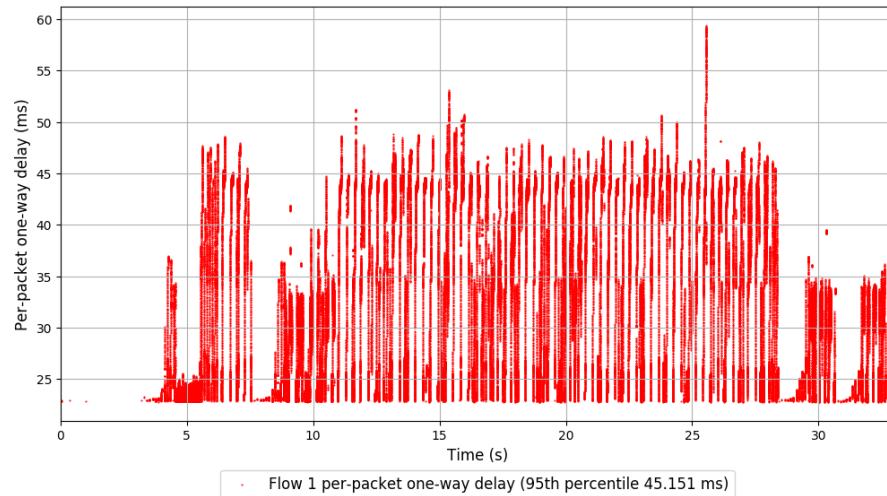
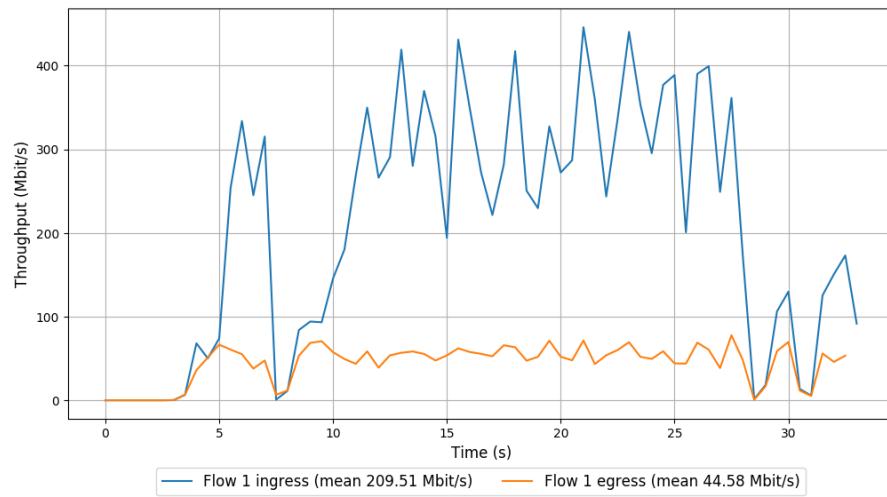


Run 4: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:24:04 +0000
End at: Tue, 04 Jul 2017 05:24:34 +0000
Local clock offset: 0.197 ms
Remote clock offset: -34.898 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: 45.151 ms
Loss rate: 78.88%
-- Flow 1:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: 45.151 ms
Loss rate: 78.88%
```

Run 4: Report of Verus — Data Link

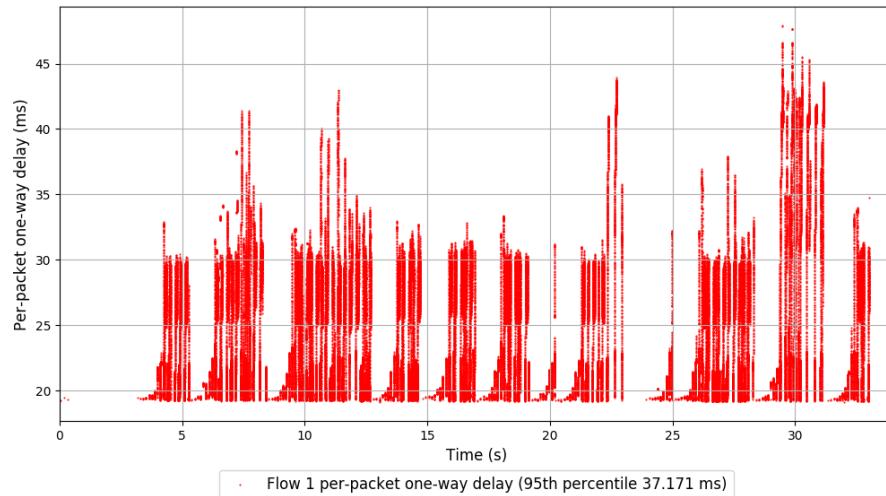
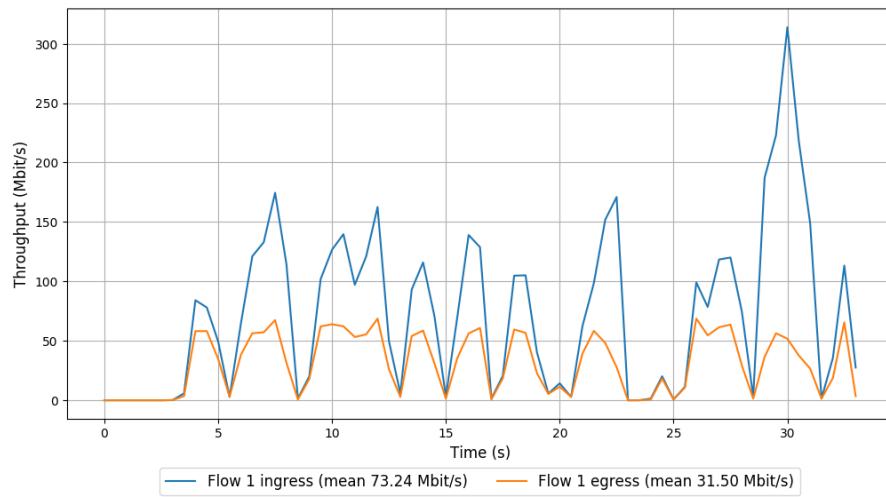


Run 5: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:41:40 +0000
End at: Tue, 04 Jul 2017 05:42:10 +0000
Local clock offset: 0.193 ms
Remote clock offset: -37.85 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 37.171 ms
Loss rate: 57.13%
-- Flow 1:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 37.171 ms
Loss rate: 57.13%
```

Run 5: Report of Verus — Data Link

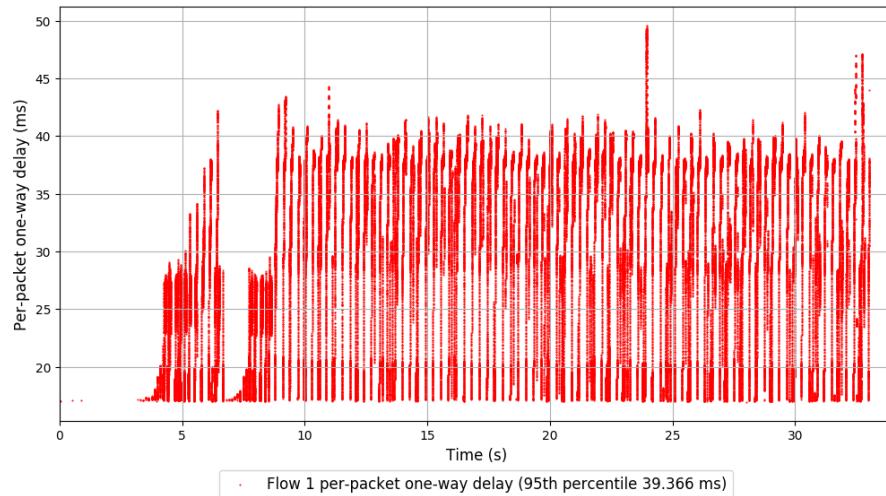
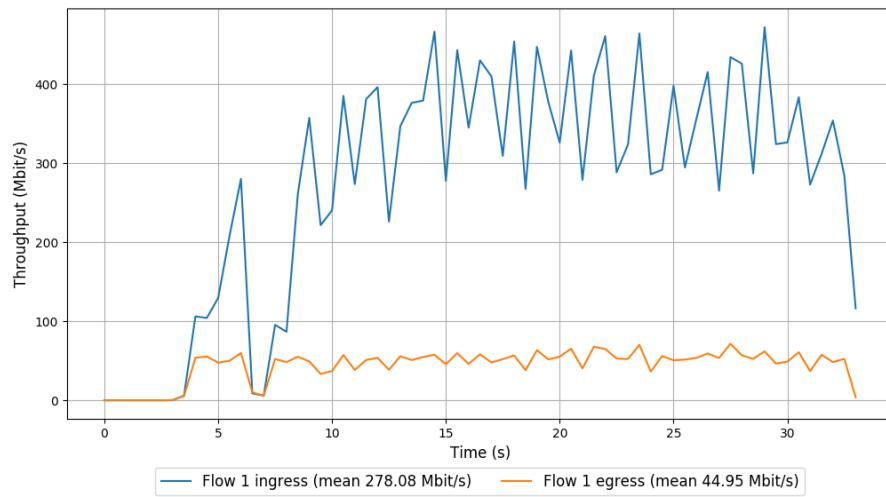


Run 6: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:59:05 +0000
End at: Tue, 04 Jul 2017 05:59:35 +0000
Local clock offset: 0.098 ms
Remote clock offset: -41.124 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 39.366 ms
Loss rate: 83.87%
-- Flow 1:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 39.366 ms
Loss rate: 83.87%
```

Run 6: Report of Verus — Data Link

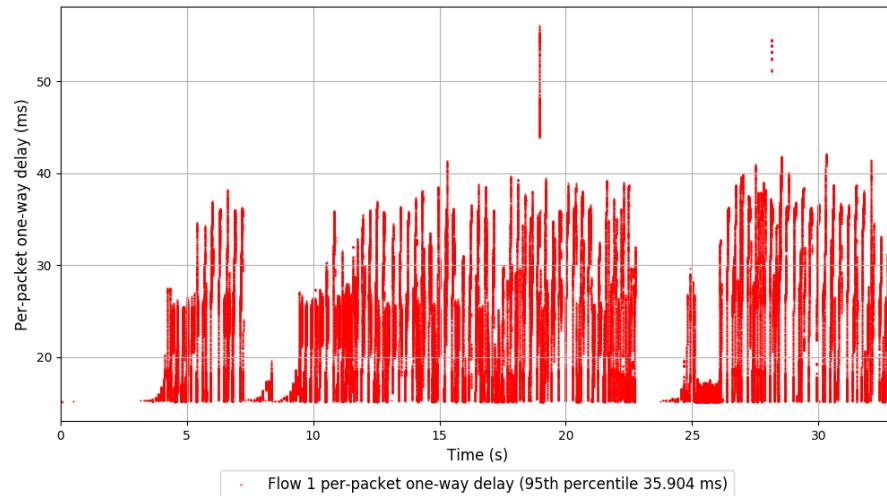
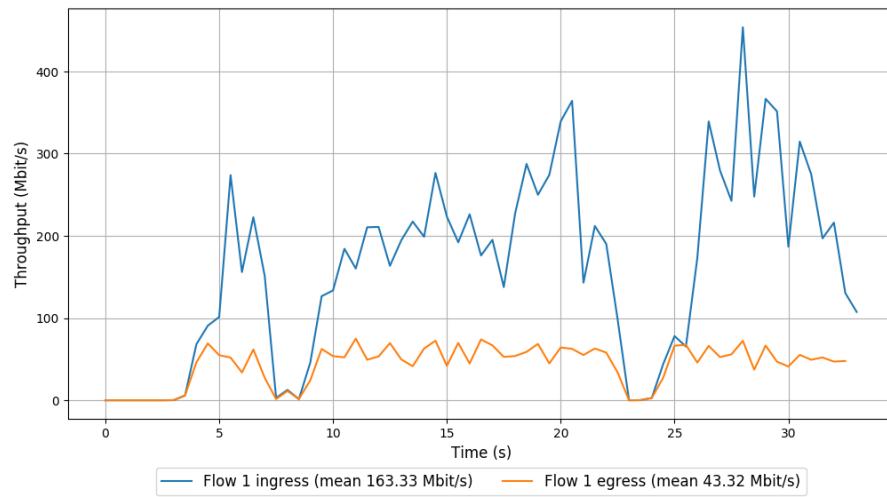


Run 7: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:16:40 +0000
End at: Tue, 04 Jul 2017 06:17:10 +0000
Local clock offset: 0.209 ms
Remote clock offset: -42.716 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.32 Mbit/s
95th percentile per-packet one-way delay: 35.904 ms
Loss rate: 73.70%
-- Flow 1:
Average throughput: 43.32 Mbit/s
95th percentile per-packet one-way delay: 35.904 ms
Loss rate: 73.70%
```

Run 7: Report of Verus — Data Link

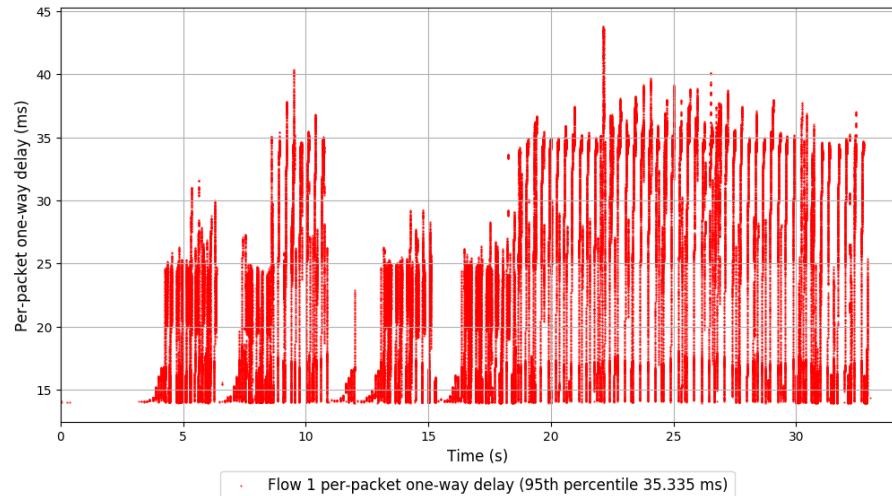
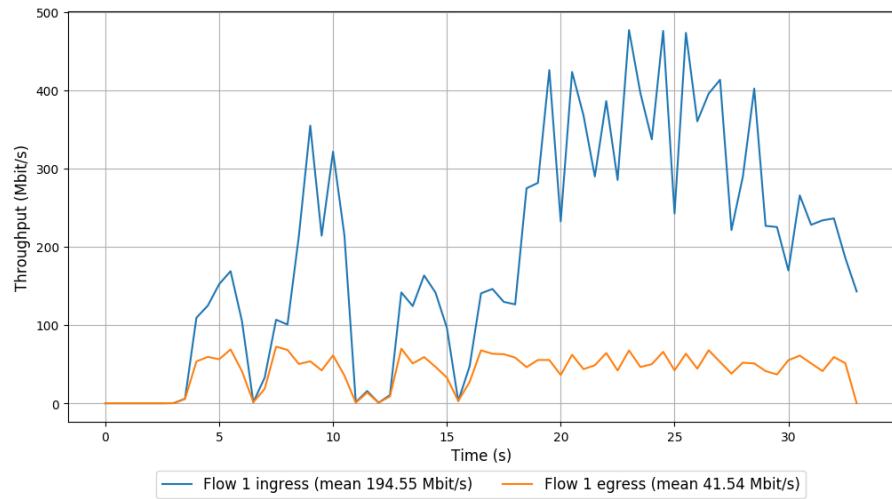


Run 8: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:33:57 +0000
End at: Tue, 04 Jul 2017 06:34:27 +0000
Local clock offset: 0.232 ms
Remote clock offset: -44.187 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 35.335 ms
Loss rate: 78.70%
-- Flow 1:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 35.335 ms
Loss rate: 78.70%
```

Run 8: Report of Verus — Data Link

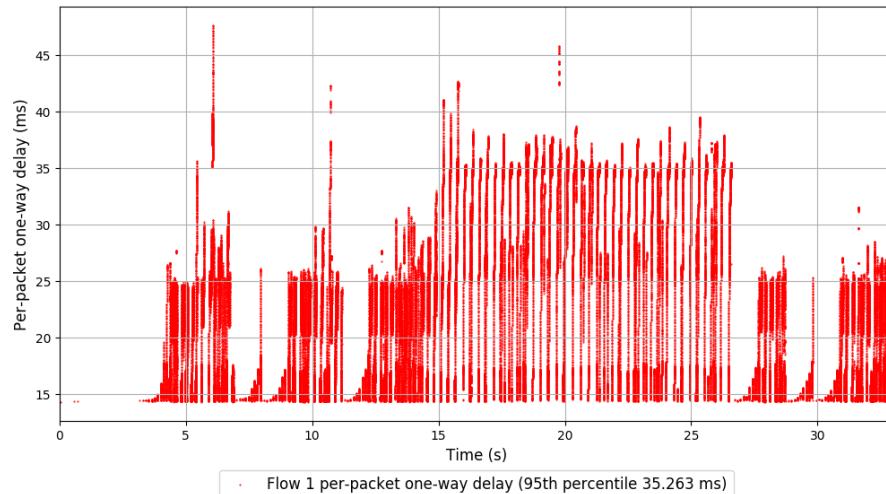
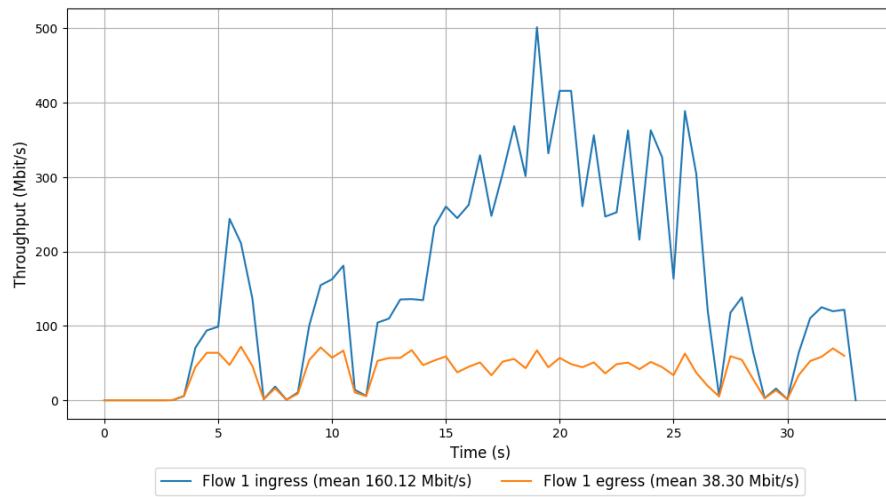


Run 9: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:51:23 +0000
End at: Tue, 04 Jul 2017 06:51:53 +0000
Local clock offset: 0.166 ms
Remote clock offset: -43.703 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 35.263 ms
Loss rate: 76.16%
-- Flow 1:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 35.263 ms
Loss rate: 76.16%
```

Run 9: Report of Verus — Data Link

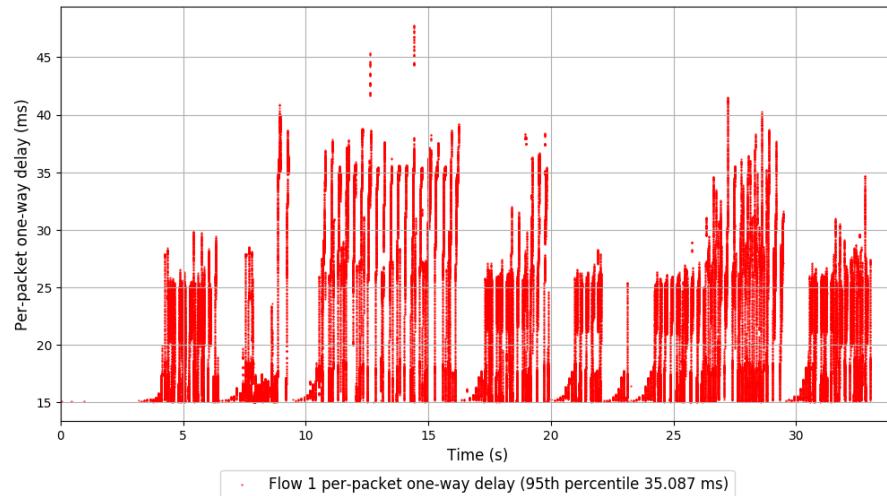
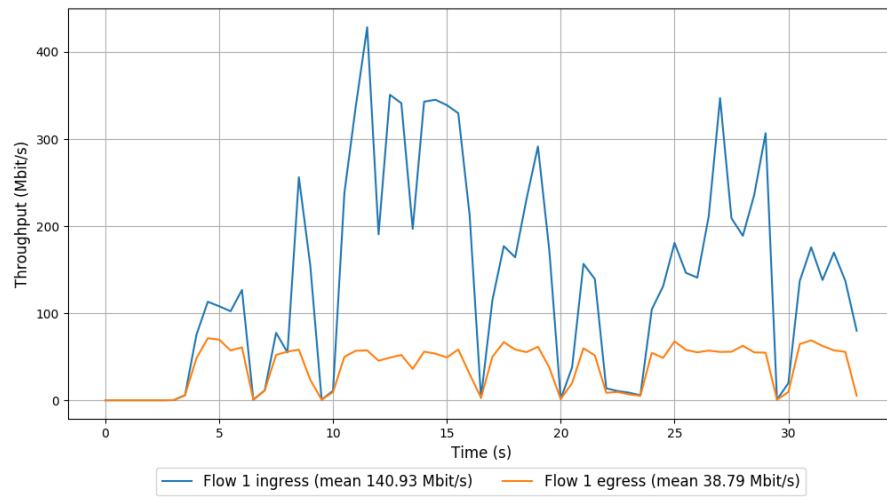


Run 10: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 07:08:55 +0000
End at: Tue, 04 Jul 2017 07:09:25 +0000
Local clock offset: 0.127 ms
Remote clock offset: -42.747 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 35.087 ms
Loss rate: 72.56%
-- Flow 1:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 35.087 ms
Loss rate: 72.56%
```

Run 10: Report of Verus — Data Link

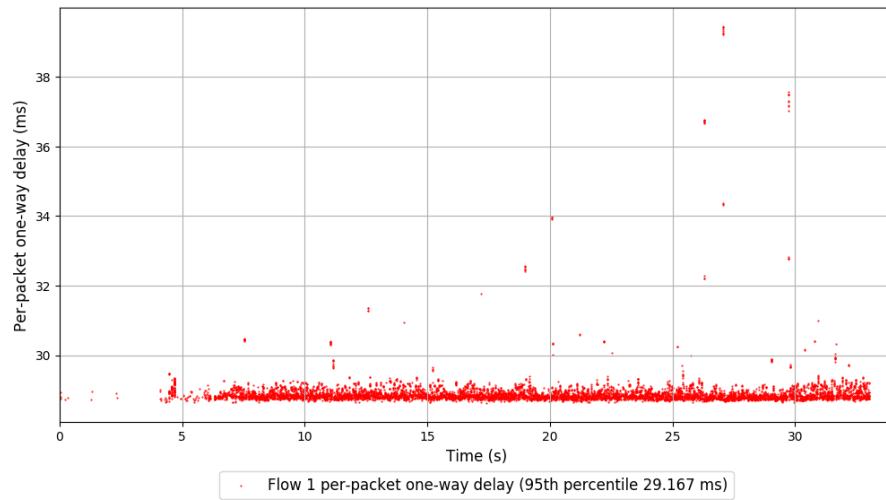
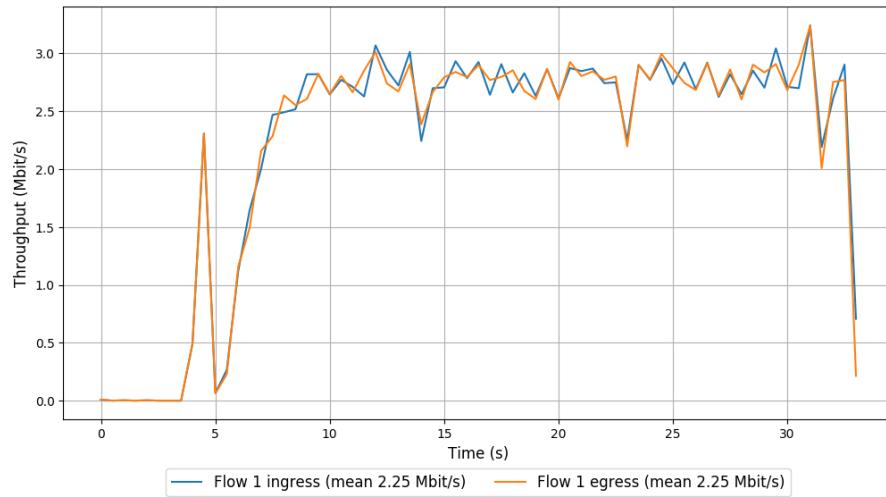


```
Run 1: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 04:44:33 +0000
End at: Tue, 04 Jul 2017 04:45:03 +0000
Local clock offset: 0.216 ms
Remote clock offset: -28.978 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 29.167 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 29.167 ms
Loss rate: 0.45%
```

Run 1: Report of WebRTC media — Data Link

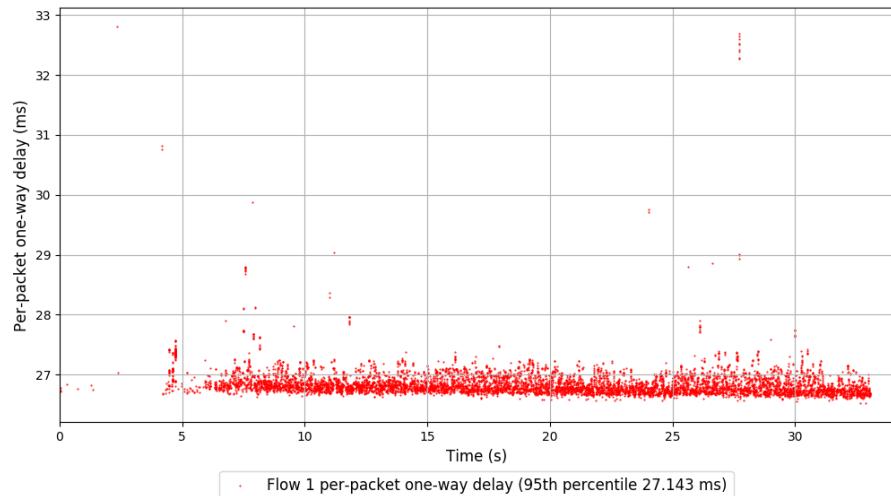
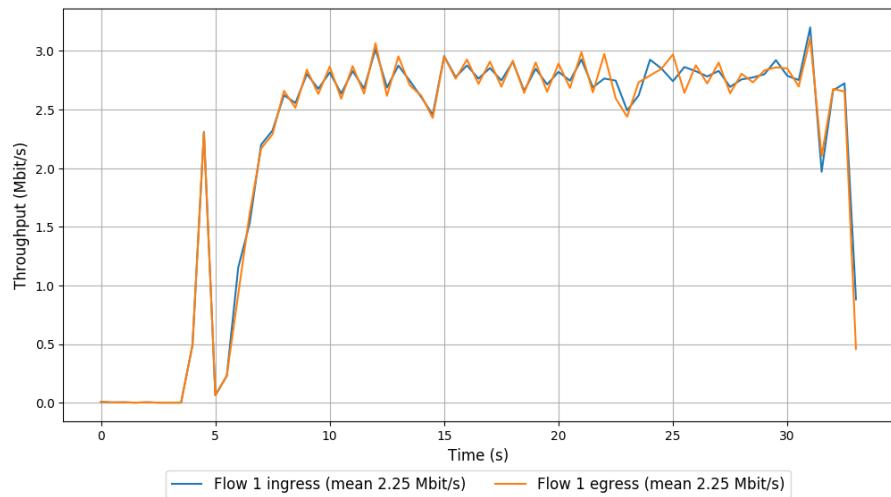


```
Run 2: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:02:01 +0000
End at: Tue, 04 Jul 2017 05:02:31 +0000
Local clock offset: 0.212 ms
Remote clock offset: -31.288 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 27.143 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 27.143 ms
Loss rate: 0.45%
```

Run 2: Report of WebRTC media — Data Link

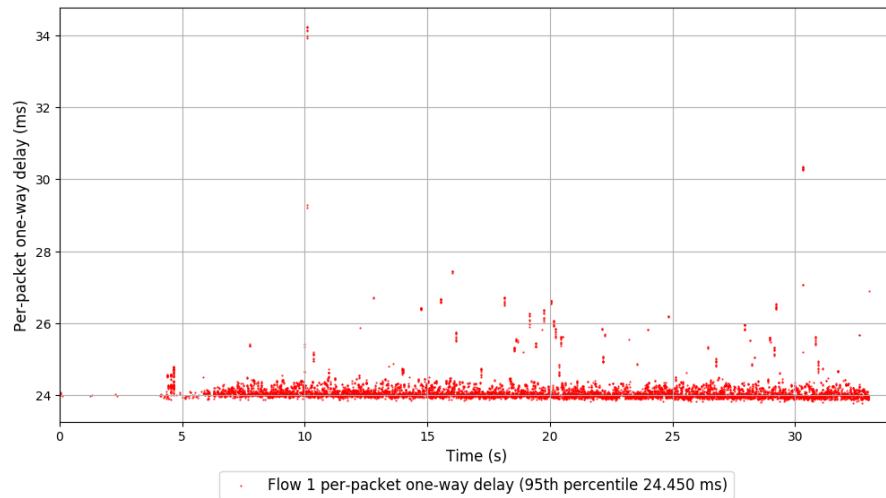
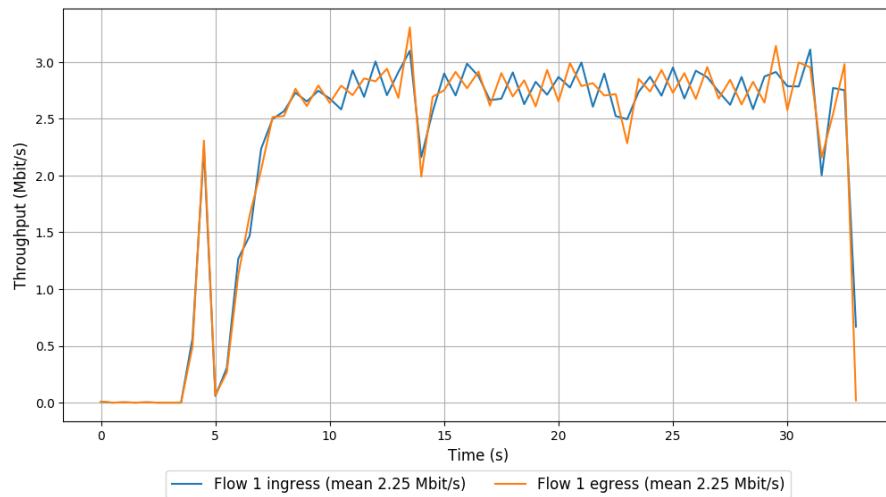


```
Run 3: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:19:29 +0000
End at: Tue, 04 Jul 2017 05:19:59 +0000
Local clock offset: 0.193 ms
Remote clock offset: -34.449 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 24.450 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 24.450 ms
Loss rate: 0.44%
```

Run 3: Report of WebRTC media — Data Link

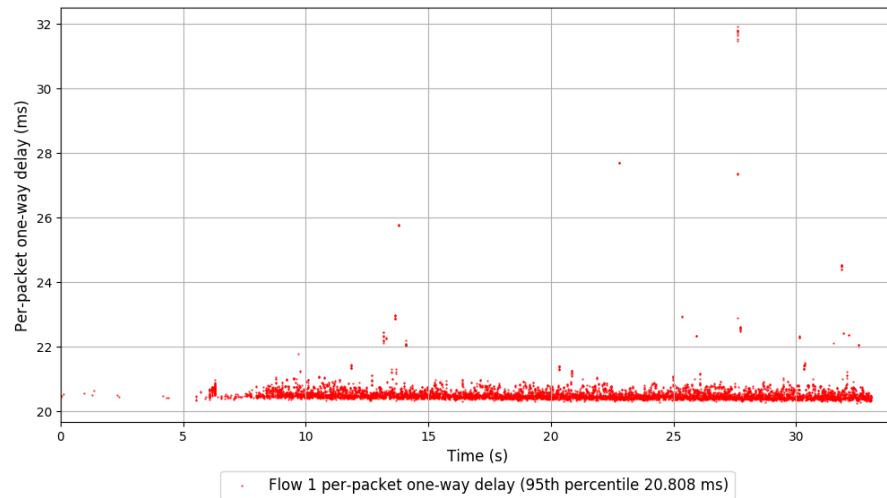
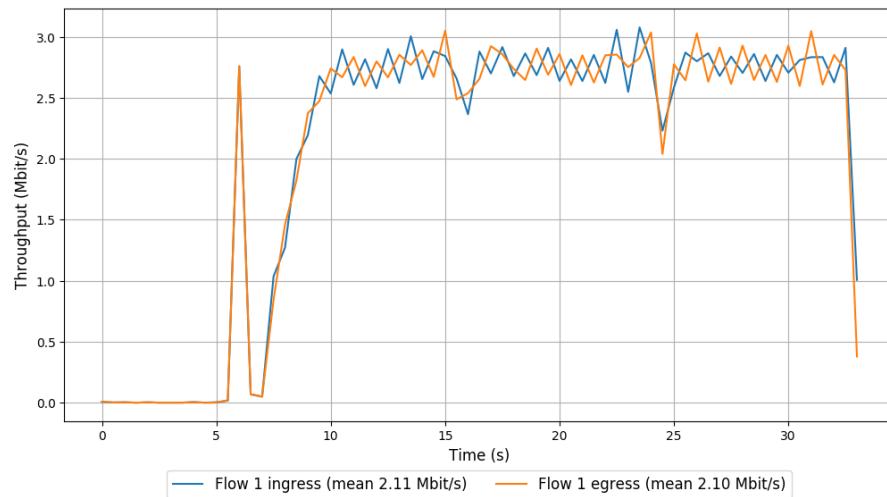


```
Run 4: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:37:02 +0000
End at: Tue, 04 Jul 2017 05:37:32 +0000
Local clock offset: 0.164 ms
Remote clock offset: -37.183 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 20.808 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 20.808 ms
Loss rate: 0.58%
```

Run 4: Report of WebRTC media — Data Link

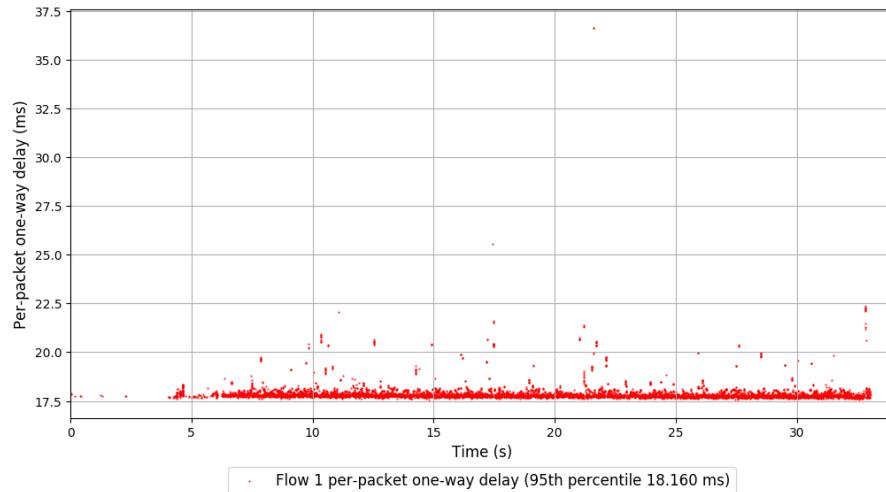
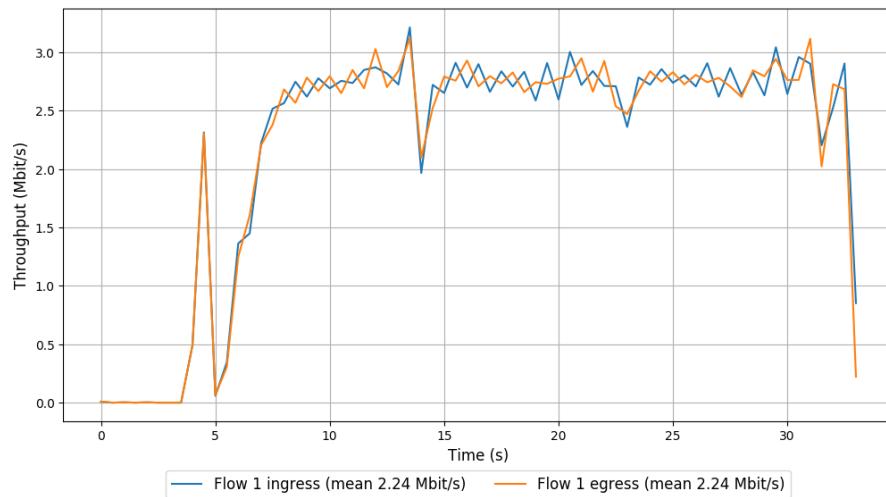


Run 5: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 05:54:30 +0000
End at: Tue, 04 Jul 2017 05:55:00 +0000
Local clock offset: 0.209 ms
Remote clock offset: -40.042 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 18.160 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 18.160 ms
Loss rate: 0.57%
```

Run 5: Report of WebRTC media — Data Link

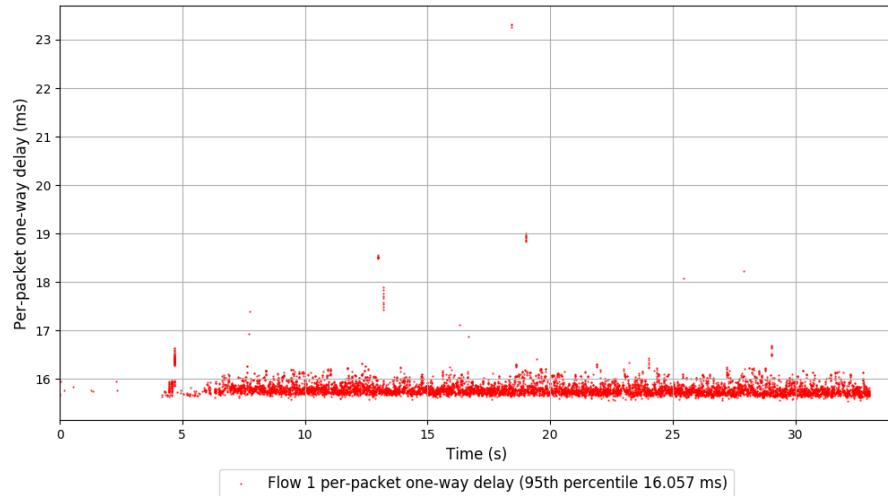
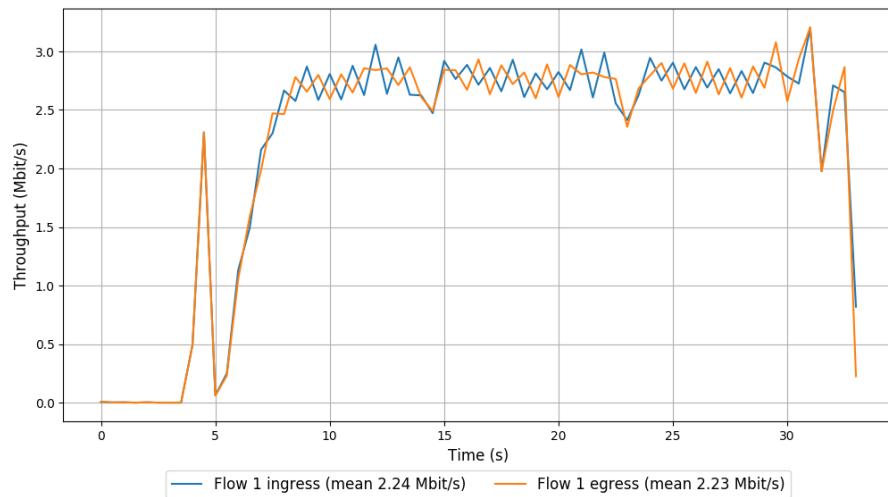


```
Run 6: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:12:02 +0000
End at: Tue, 04 Jul 2017 06:12:32 +0000
Local clock offset: 0.186 ms
Remote clock offset: -42.198 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 16.057 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 16.057 ms
Loss rate: 0.40%
```

Run 6: Report of WebRTC media — Data Link

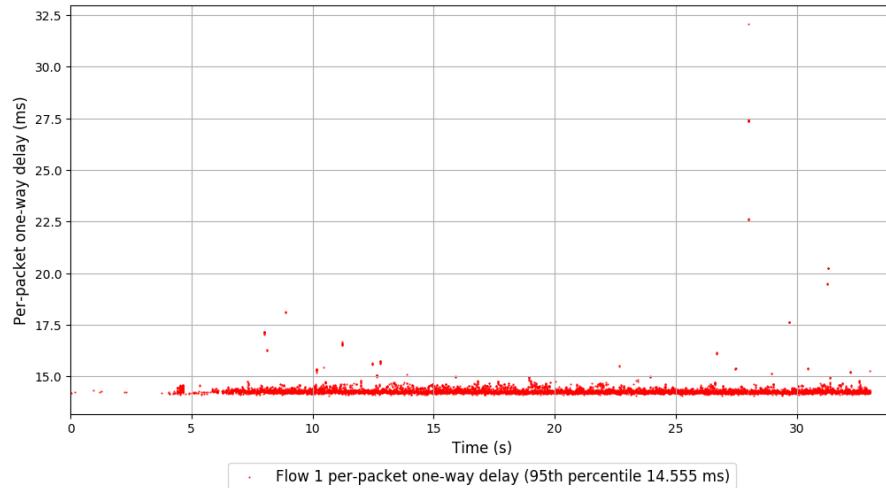
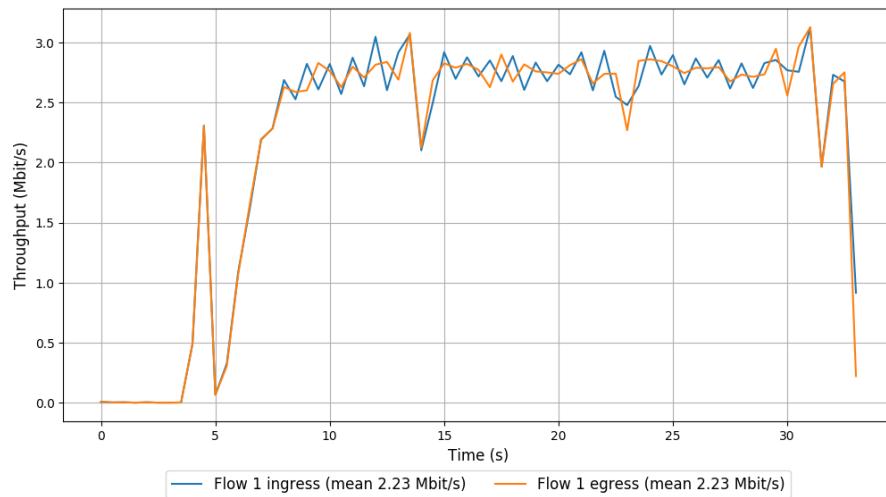


Run 7: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 06:29:31 +0000
End at: Tue, 04 Jul 2017 06:30:01 +0000
Local clock offset: 0.202 ms
Remote clock offset: -44.228 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 14.555 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 14.555 ms
Loss rate: 0.47%
```

Run 7: Report of WebRTC media — Data Link

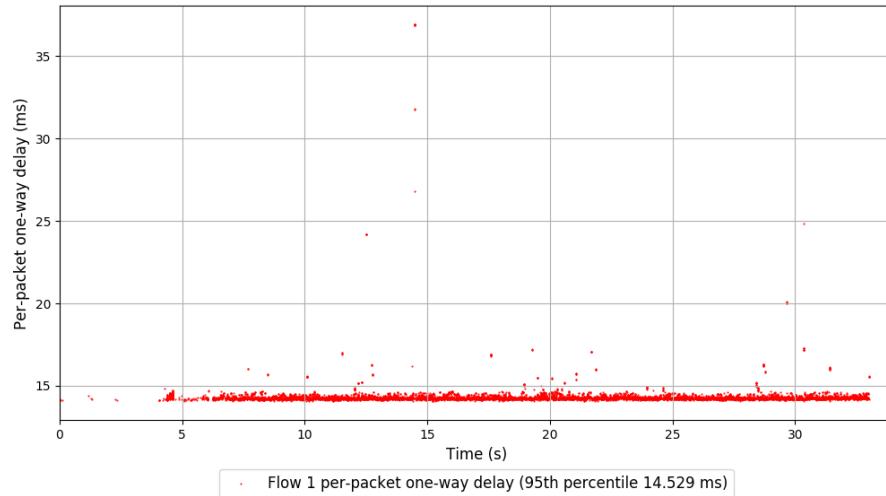
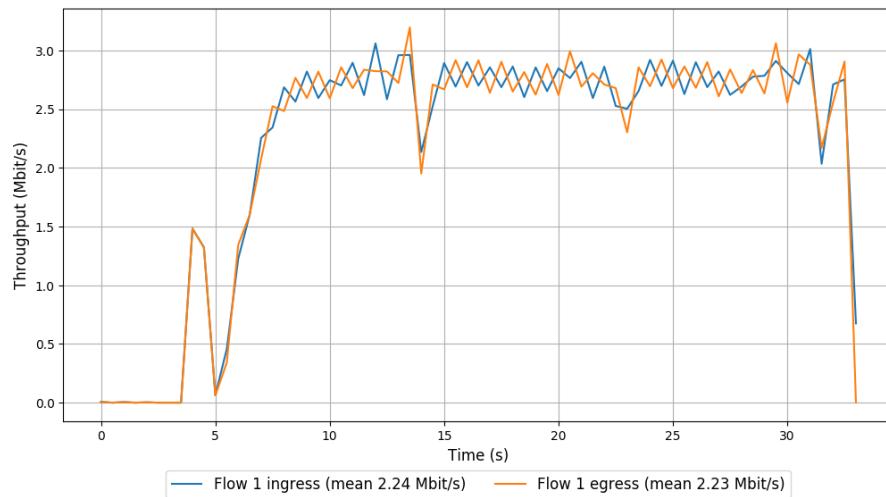


```
Run 8: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:46:45 +0000
End at: Tue, 04 Jul 2017 06:47:15 +0000
Local clock offset: 0.113 ms
Remote clock offset: -44.168 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 14.529 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 14.529 ms
Loss rate: 0.46%
```

Run 8: Report of WebRTC media — Data Link

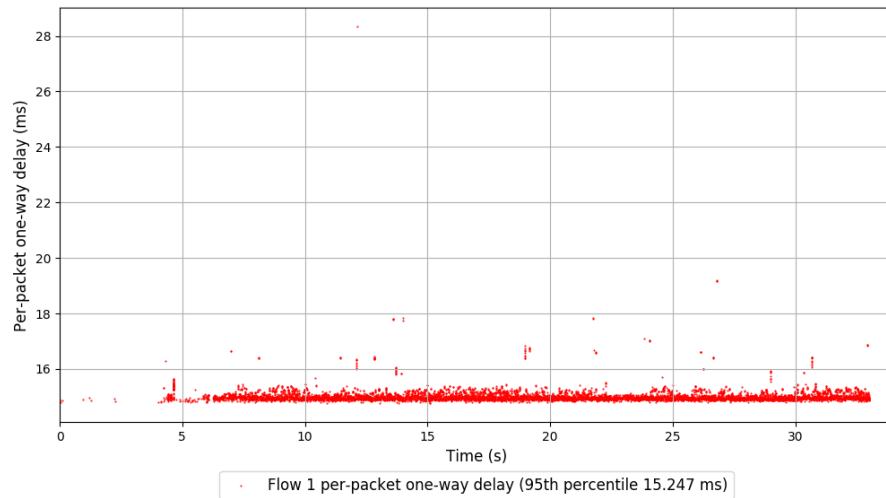
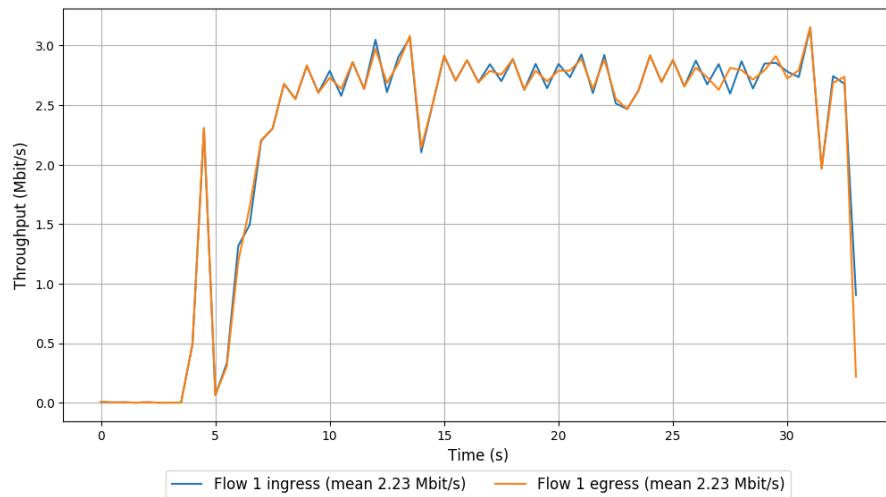


```
Run 9: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 07:04:17 +0000
End at: Tue, 04 Jul 2017 07:04:47 +0000
Local clock offset: 0.134 ms
Remote clock offset: -43.874 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 15.247 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 15.247 ms
Loss rate: 0.46%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: Tue, 04 Jul 2017 07:21:46 +0000
```

```
End at: Tue, 04 Jul 2017 07:22:16 +0000
```

```
Local clock offset: 0.161 ms
```

```
Remote clock offset: -41.605 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:09:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.095 ms
```

```
Loss rate: 0.45%
```

```
-- Flow 1:
```

```
Average throughput: 2.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.095 ms
```

```
Loss rate: 0.45%
```

Run 10: Report of WebRTC media — Data Link

