

Pantheon Summary (Generated at Wed, 05 Jul 2017 14:29:33 +0000 with
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

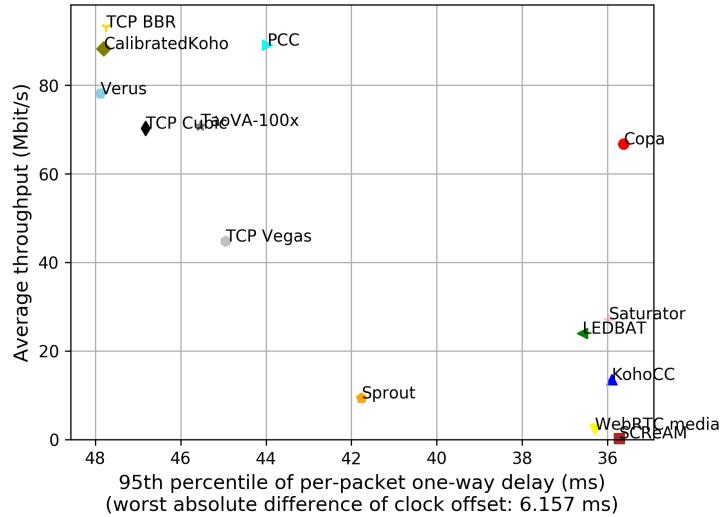
Each test lasted for 30 seconds running 1 flow.

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

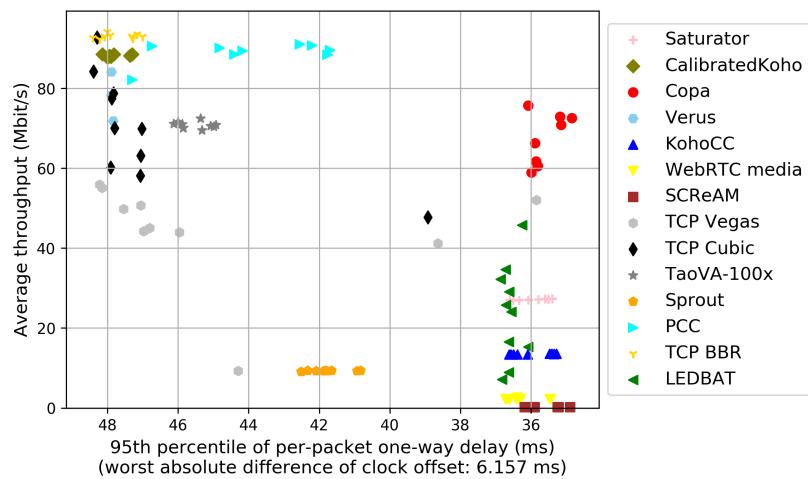
NTP offset measured against time.stanford.edu.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
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
```

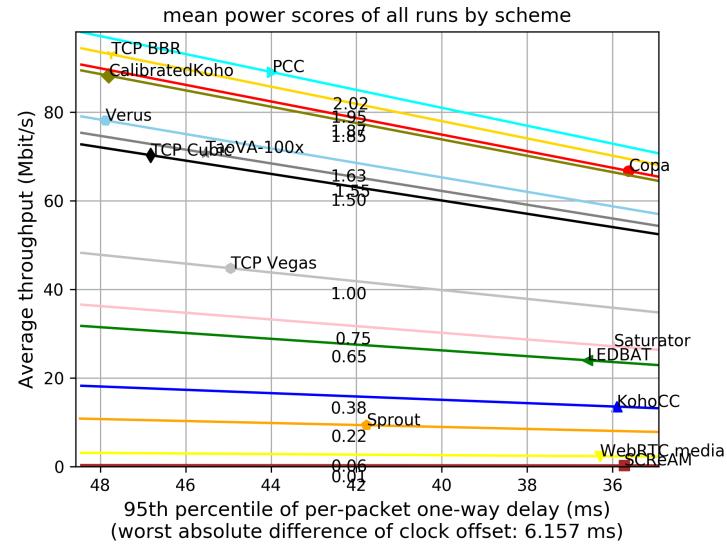
test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



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



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

```
Start at: Wed, 05 Jul 2017 10:39:17 +0000
```

```
End at: Wed, 05 Jul 2017 10:39:47 +0000
```

```
Local clock offset: 0.655 ms
```

```
Remote clock offset: -4.902 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:10 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 92.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.412 ms
```

```
Loss rate: 0.69%
```

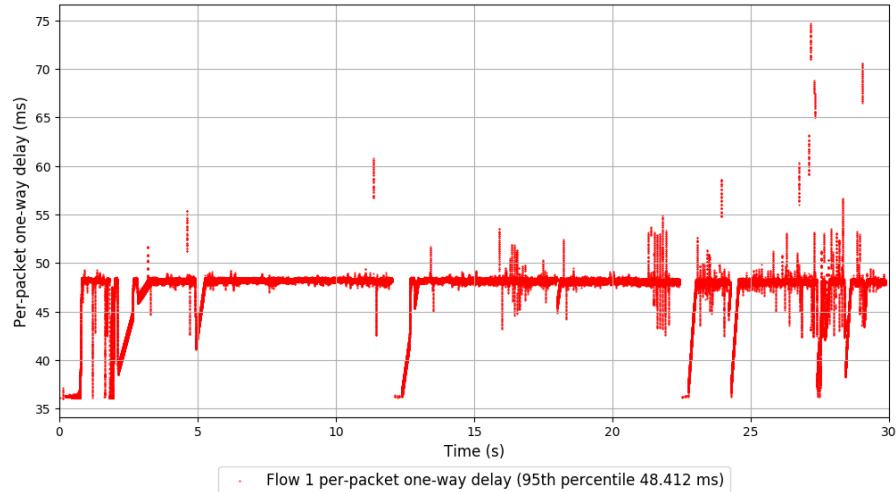
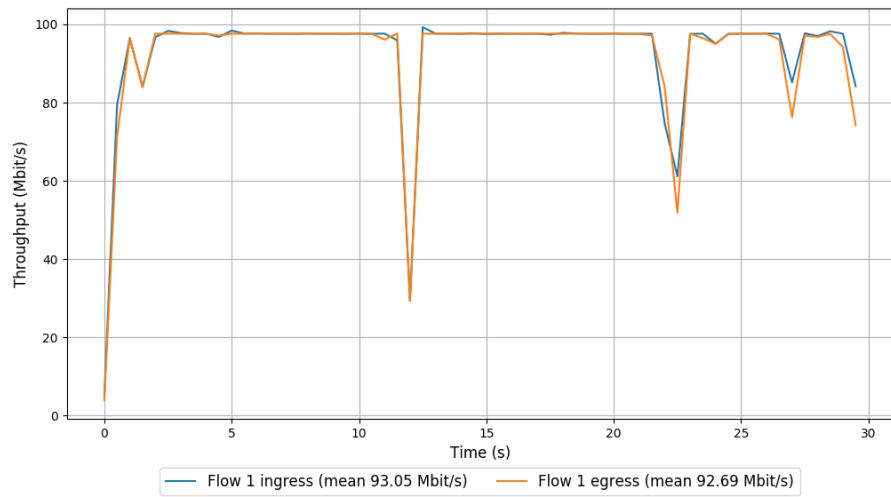
```
-- Flow 1:
```

```
Average throughput: 92.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.412 ms
```

```
Loss rate: 0.69%
```

Run 1: Report of TCP BBR — Data Link

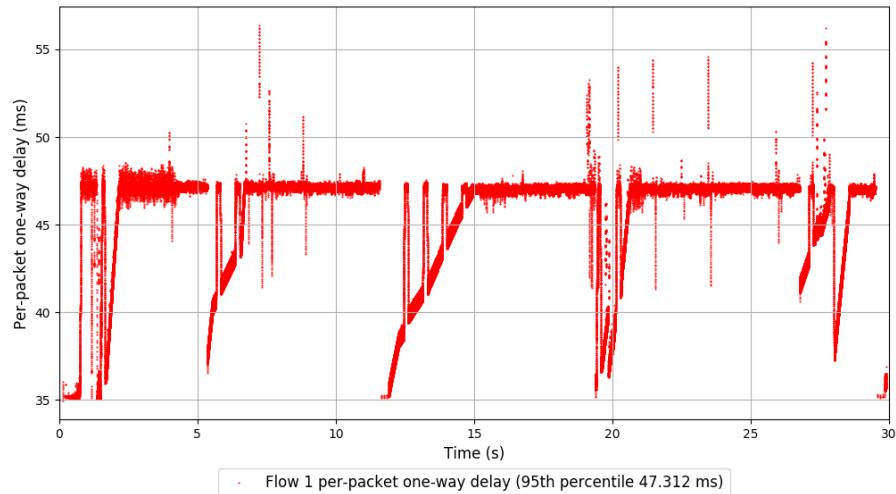
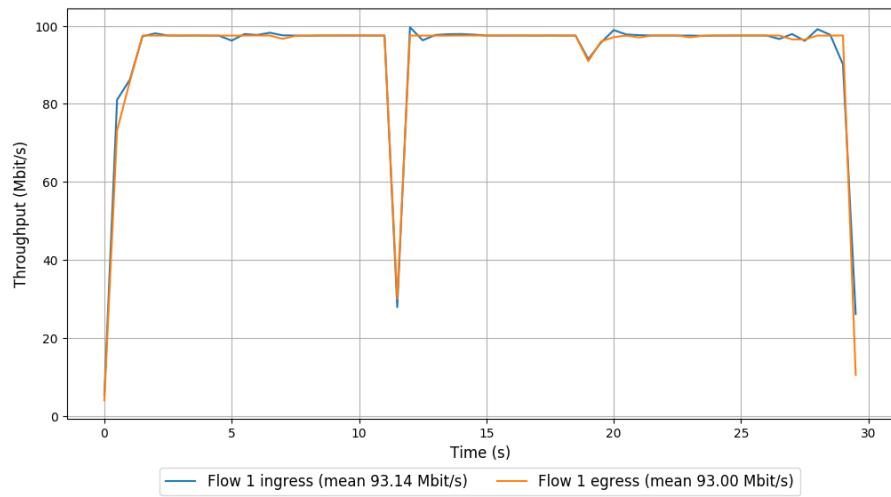


Run 2: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 10:58:59 +0000
End at: Wed, 05 Jul 2017 10:59:29 +0000
Local clock offset: 0.73 ms
Remote clock offset: -2.652 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 47.312 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 47.312 ms
Loss rate: 0.44%
```

Run 2: Report of TCP BBR — Data Link

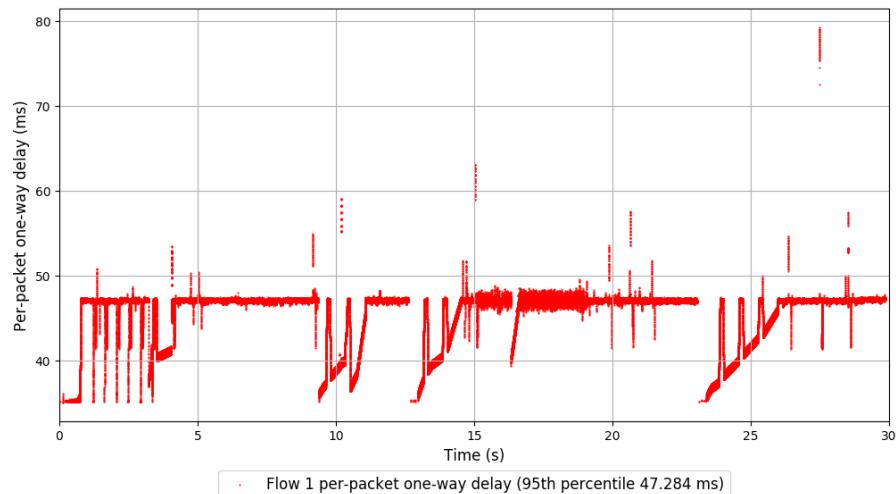
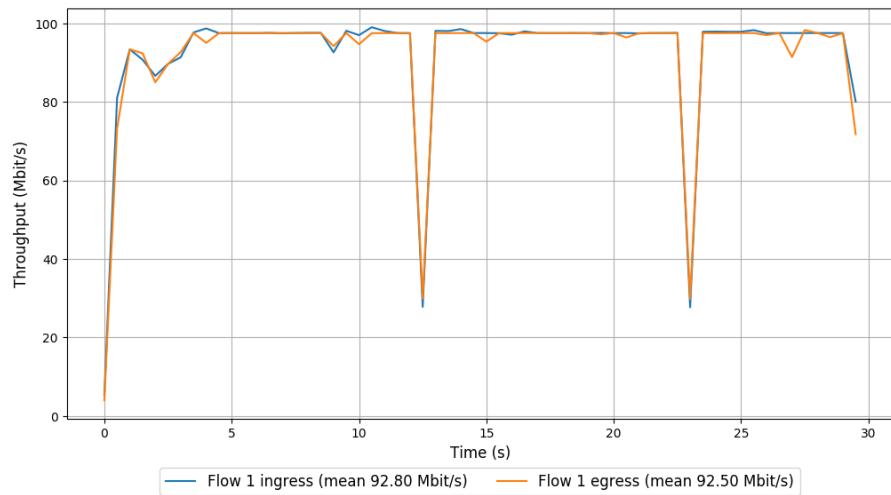


Run 3: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:18:45 +0000
End at: Wed, 05 Jul 2017 11:19:15 +0000
Local clock offset: 0.713 ms
Remote clock offset: -2.163 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 47.284 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 47.284 ms
Loss rate: 0.61%
```

Run 3: Report of TCP BBR — Data Link

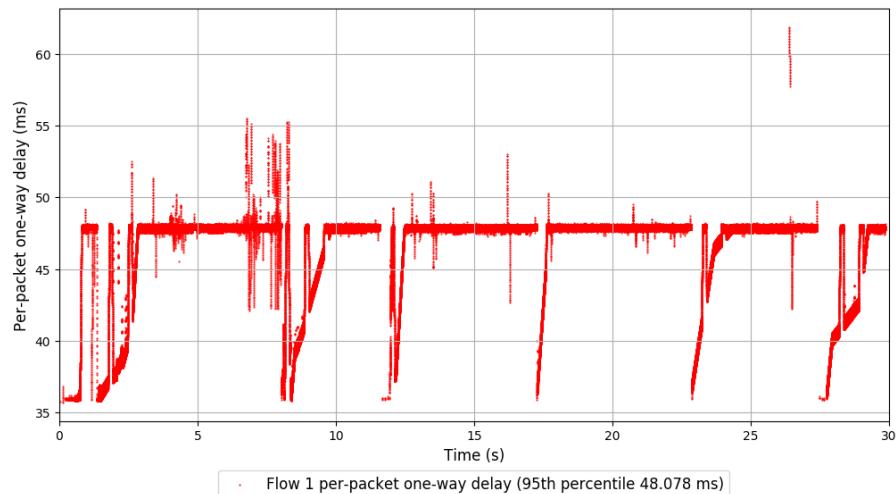
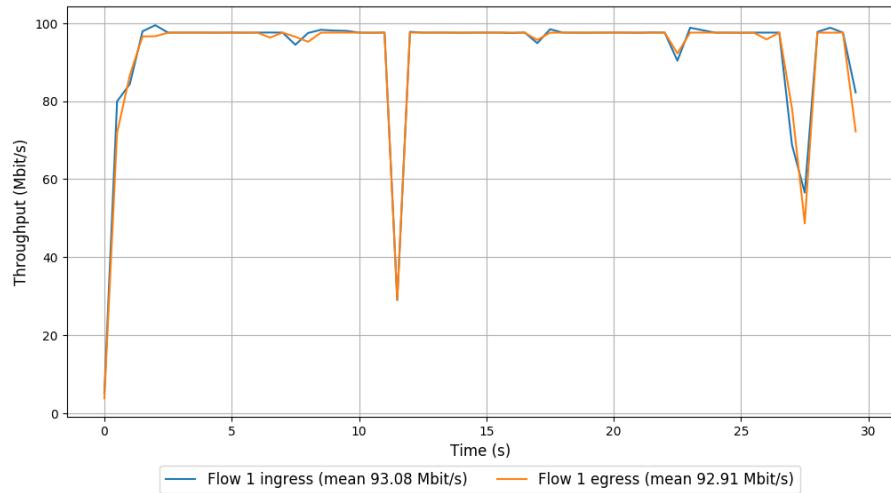


Run 4: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:38:16 +0000
End at: Wed, 05 Jul 2017 11:38:46 +0000
Local clock offset: 0.724 ms
Remote clock offset: -2.305 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 48.078 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 48.078 ms
Loss rate: 0.47%
```

Run 4: Report of TCP BBR — Data Link

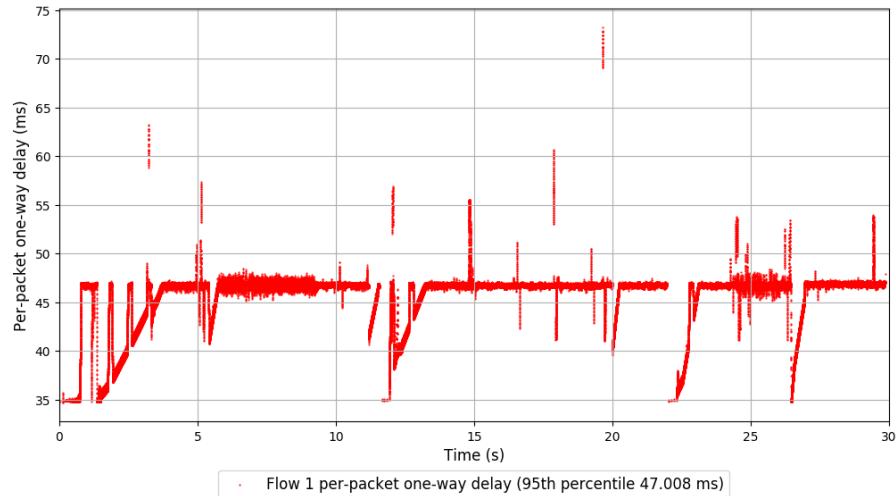
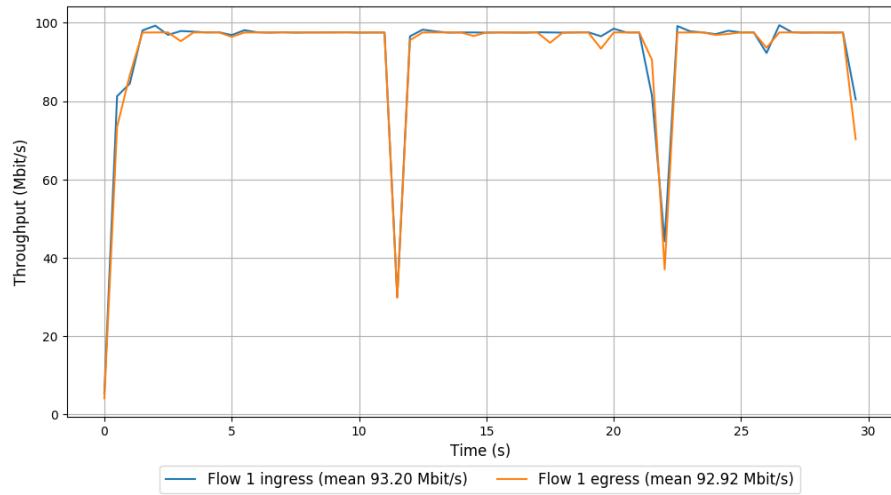


Run 5: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:57:54 +0000
End at: Wed, 05 Jul 2017 11:58:24 +0000
Local clock offset: 0.619 ms
Remote clock offset: -2.977 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 47.008 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 47.008 ms
Loss rate: 0.61%
```

Run 5: Report of TCP BBR — Data Link

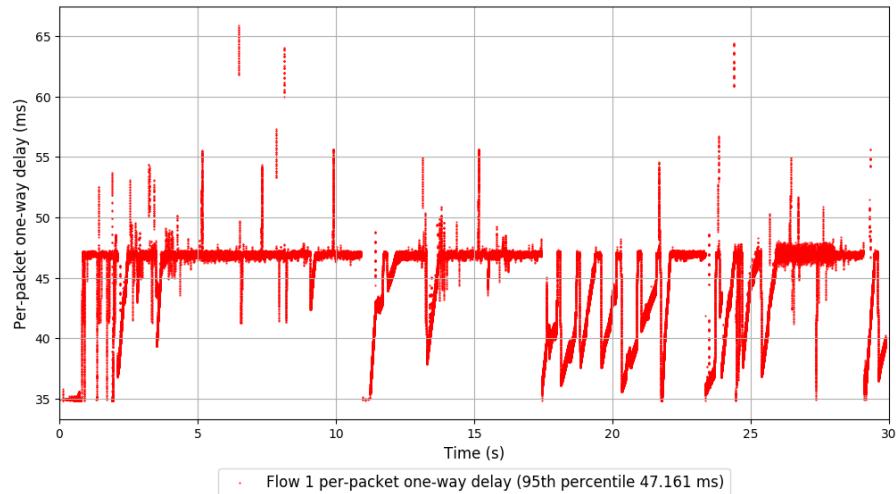
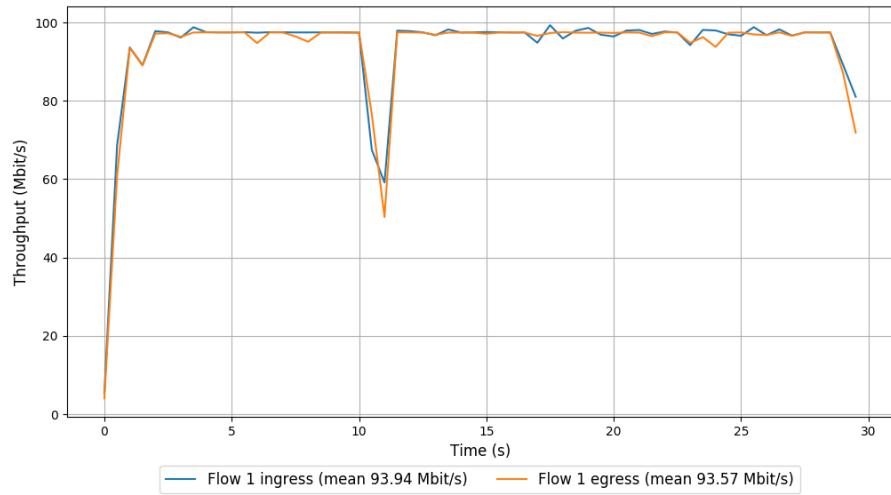


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:17:36 +0000
End at: Wed, 05 Jul 2017 12:18:06 +0000
Local clock offset: 0.688 ms
Remote clock offset: -2.384 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 47.161 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 47.161 ms
Loss rate: 0.69%
```

Run 6: Report of TCP BBR — Data Link

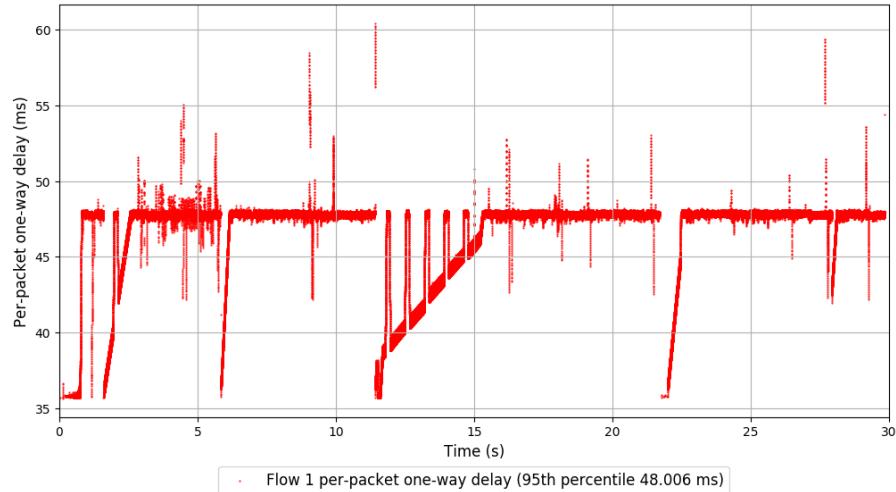
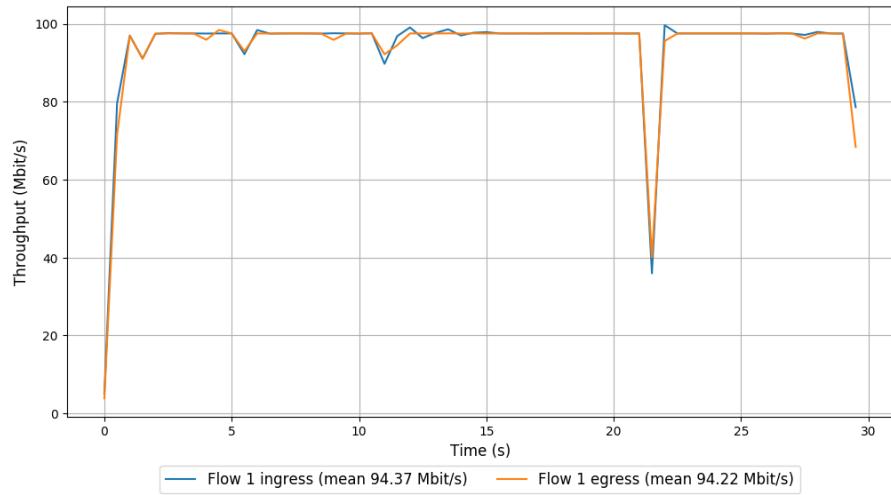


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:37:10 +0000
End at: Wed, 05 Jul 2017 12:37:40 +0000
Local clock offset: 0.638 ms
Remote clock offset: -2.823 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 48.006 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 48.006 ms
Loss rate: 0.44%
```

Run 7: Report of TCP BBR — Data Link

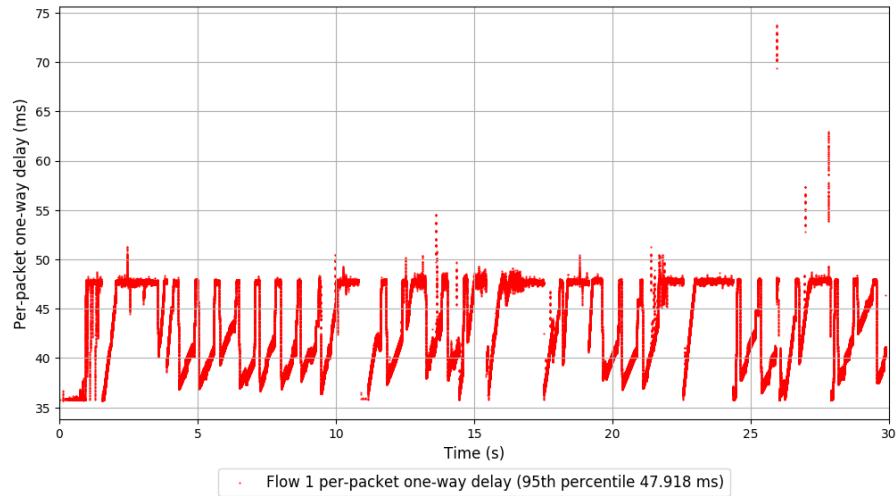
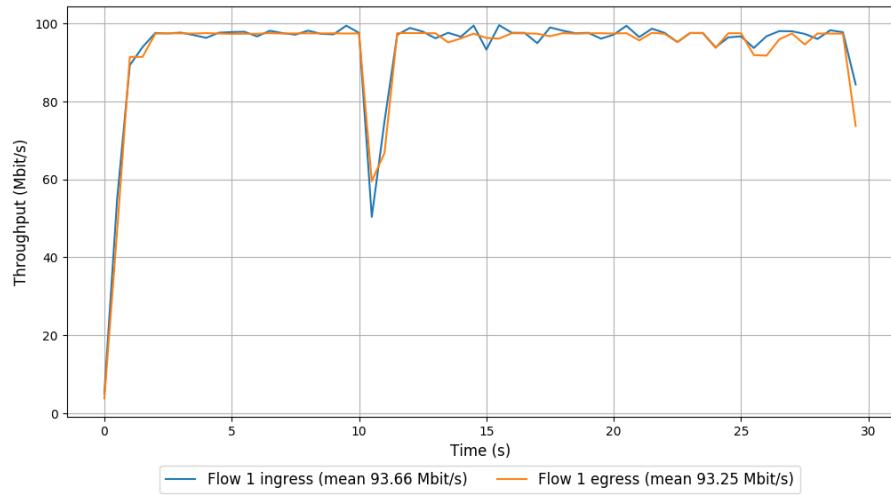


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:56:47 +0000
End at: Wed, 05 Jul 2017 12:57:17 +0000
Local clock offset: 0.653 ms
Remote clock offset: -5.033 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 47.918 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 47.918 ms
Loss rate: 0.73%
```

Run 8: Report of TCP BBR — Data Link

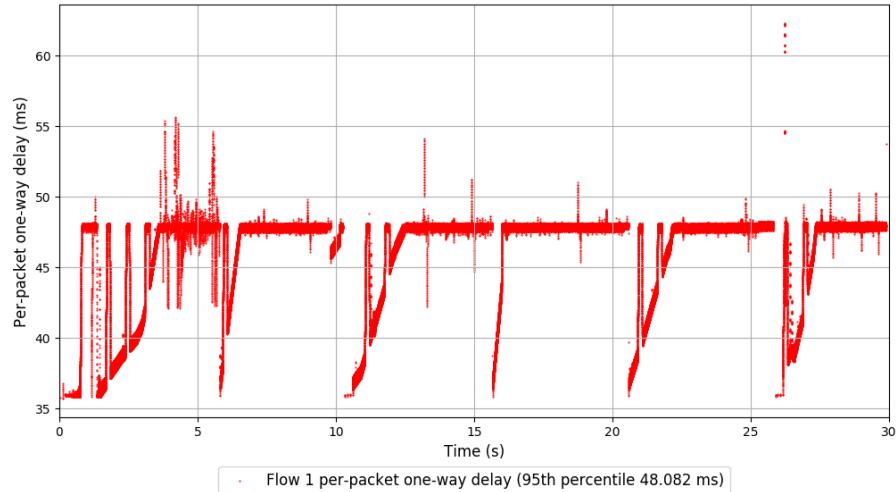
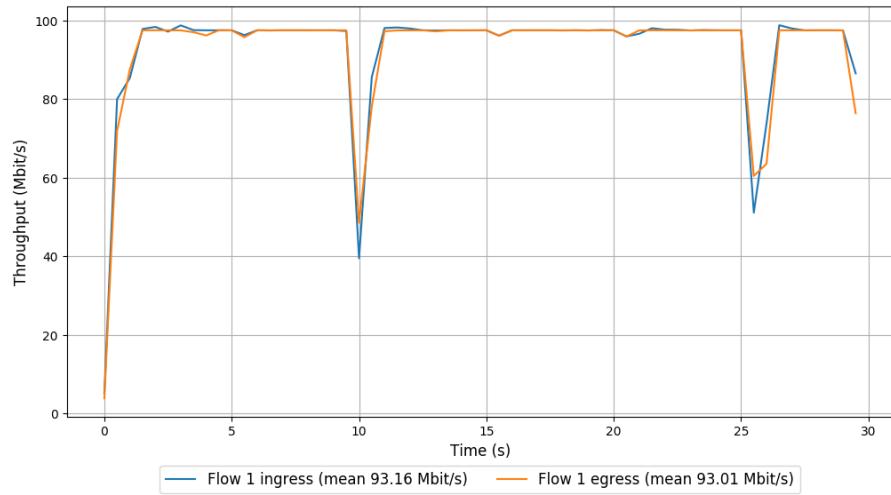


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 13:16:20 +0000
End at: Wed, 05 Jul 2017 13:16:50 +0000
Local clock offset: 0.592 ms
Remote clock offset: -2.905 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 48.082 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 48.082 ms
Loss rate: 0.45%
```

Run 9: Report of TCP BBR — Data Link

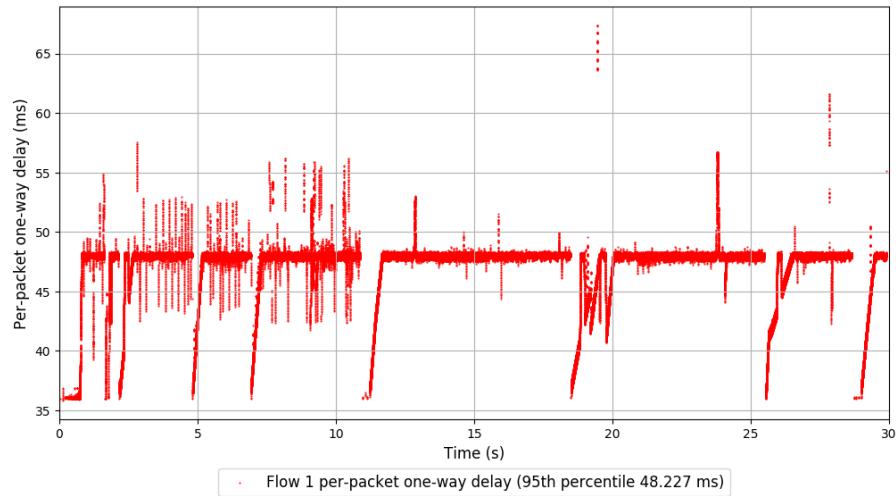
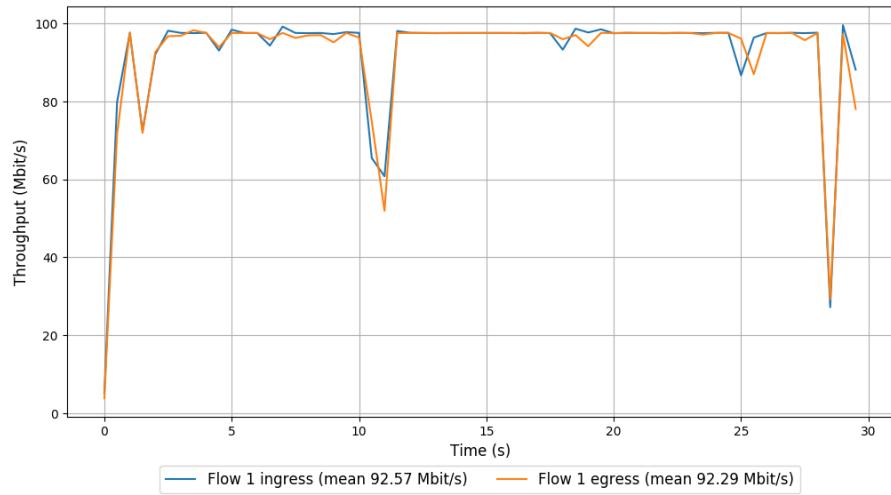


Run 10: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 13:36:04 +0000
End at: Wed, 05 Jul 2017 13:36:34 +0000
Local clock offset: 0.567 ms
Remote clock offset: -4.728 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 48.227 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 48.227 ms
Loss rate: 0.59%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:37:54 +0000
```

```
End at: Wed, 05 Jul 2017 10:38:24 +0000
```

```
Local clock offset: 0.762 ms
```

```
Remote clock offset: -2.108 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.360 ms
```

```
Loss rate: 0.56%
```

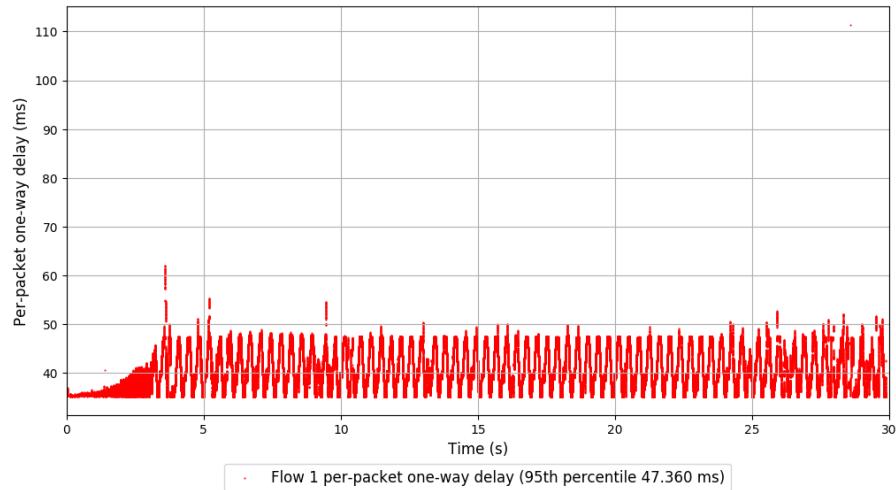
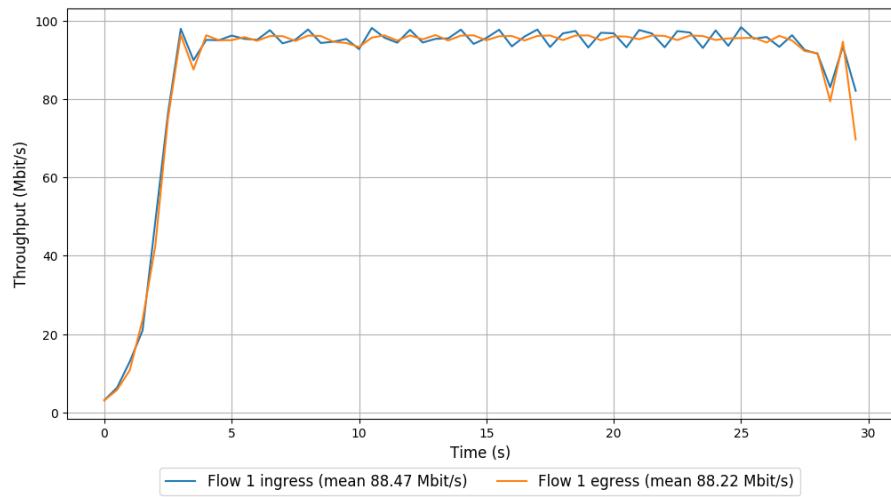
```
-- Flow 1:
```

```
Average throughput: 88.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.360 ms
```

```
Loss rate: 0.56%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:57:37 +0000
```

```
End at: Wed, 05 Jul 2017 10:58:07 +0000
```

```
Local clock offset: 0.688 ms
```

```
Remote clock offset: -4.599 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.298 ms
```

```
Loss rate: 0.58%
```

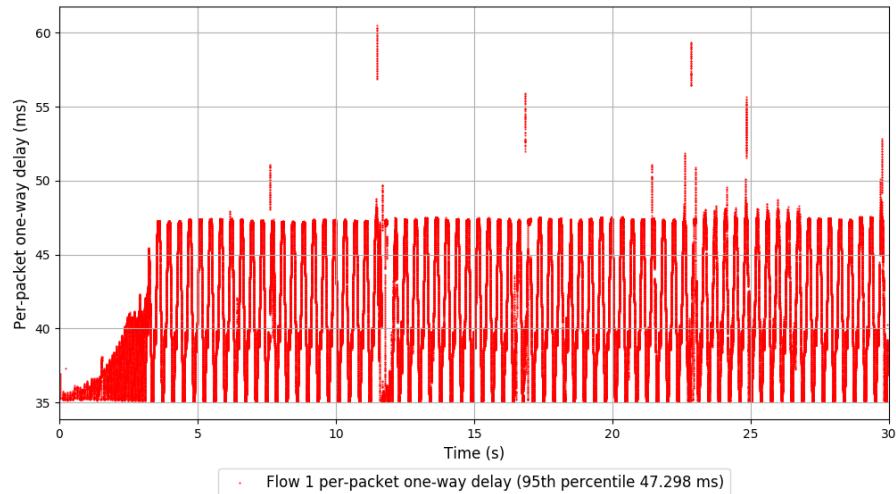
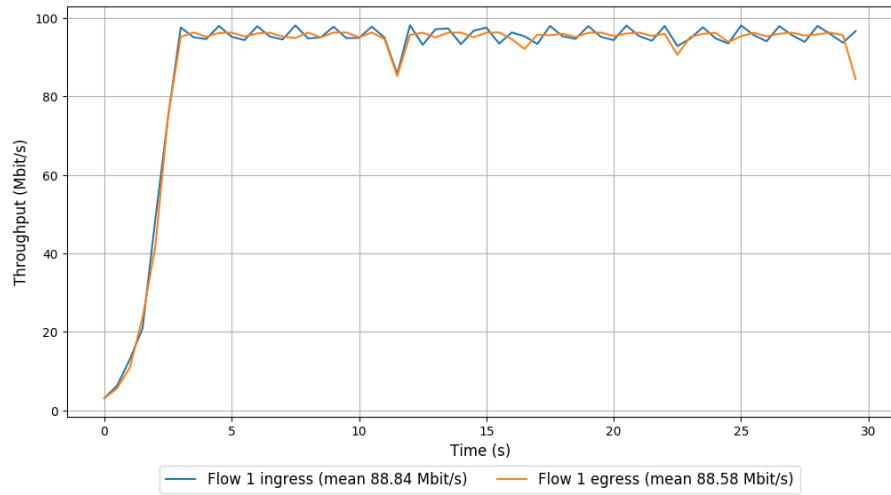
```
-- Flow 1:
```

```
Average throughput: 88.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.298 ms
```

```
Loss rate: 0.58%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 11:17:22 +0000
```

```
End at: Wed, 05 Jul 2017 11:17:52 +0000
```

```
Local clock offset: 0.614 ms
```

```
Remote clock offset: -2.56 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:25 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.53 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.141 ms
```

```
Loss rate: 0.46%
```

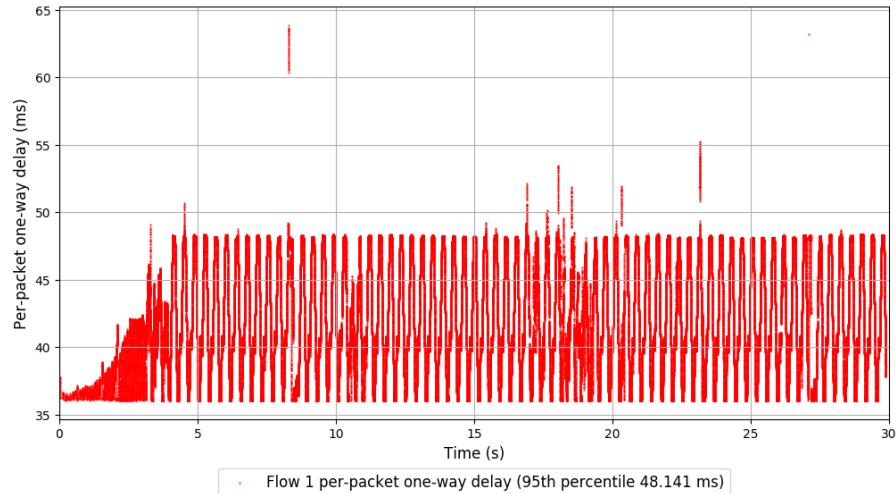
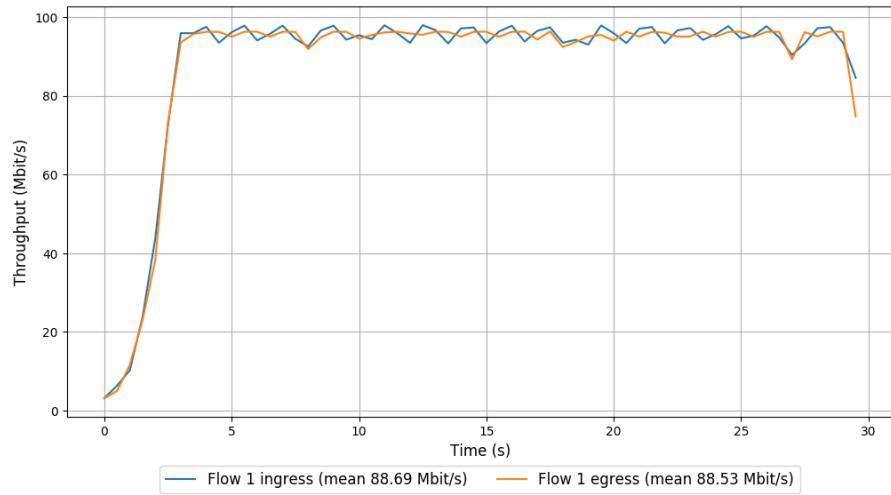
```
-- Flow 1:
```

```
Average throughput: 88.53 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.141 ms
```

```
Loss rate: 0.46%
```

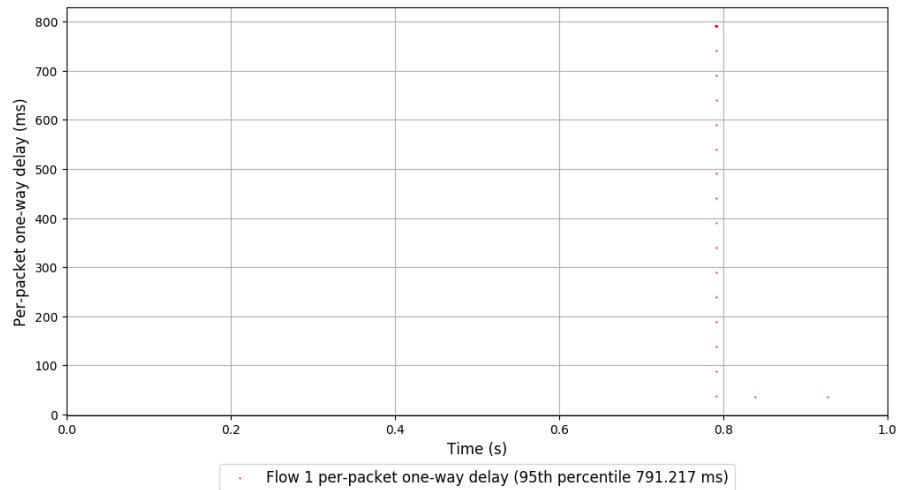
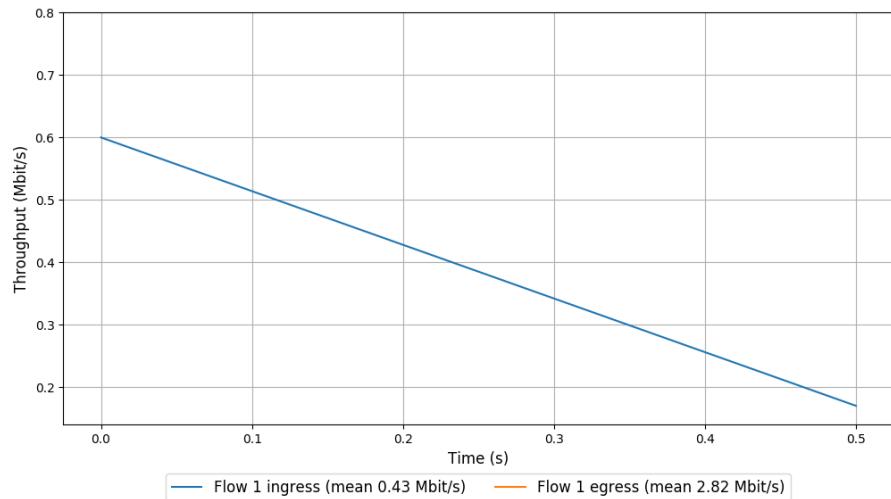
Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 11:37:01 +0000
End at: Wed, 05 Jul 2017 11:37:31 +0000
Local clock offset: 0.702 ms
Remote clock offset: -2.281 ms

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 11:56:32 +0000
```

```
End at: Wed, 05 Jul 2017 11:57:02 +0000
```

```
Local clock offset: 0.601 ms
```

```
Remote clock offset: -2.935 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:26 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.939 ms
```

```
Loss rate: 0.53%
```

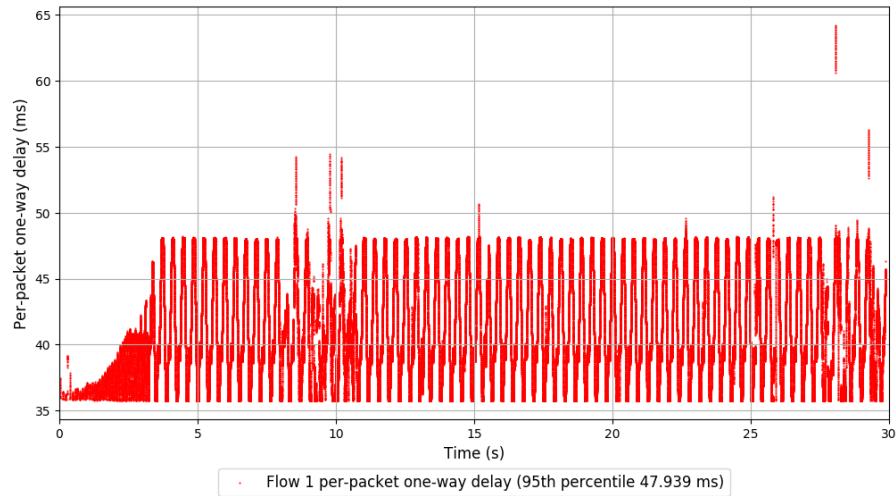
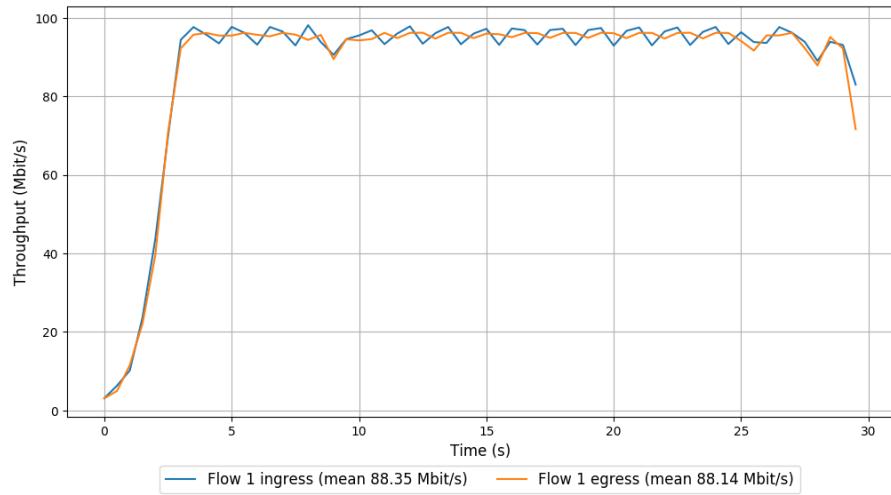
```
-- Flow 1:
```

```
Average throughput: 88.14 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.939 ms
```

```
Loss rate: 0.53%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 12:16:13 +0000
```

```
End at: Wed, 05 Jul 2017 12:16:43 +0000
```

```
Local clock offset: 0.714 ms
```

```
Remote clock offset: -5.362 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:36 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.895 ms
```

```
Loss rate: 0.66%
```

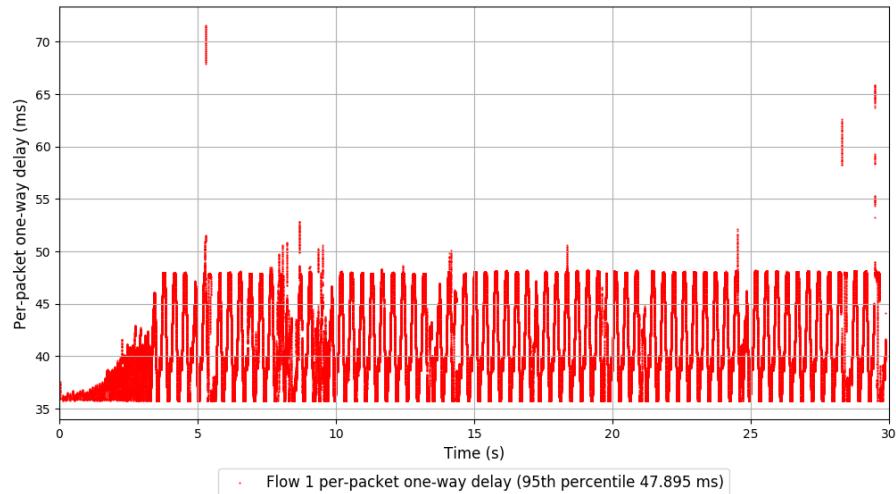
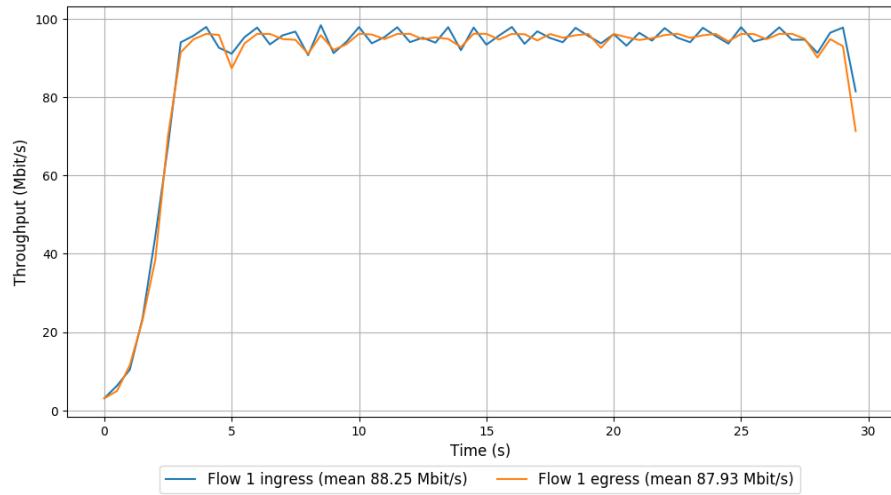
```
-- Flow 1:
```

```
Average throughput: 87.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.895 ms
```

```
Loss rate: 0.66%
```

Run 6: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 12:35:48 +0000
```

```
End at: Wed, 05 Jul 2017 12:36:18 +0000
```

```
Local clock offset: 0.741 ms
```

```
Remote clock offset: -2.532 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:38 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.999 ms
```

```
Loss rate: 0.64%
```

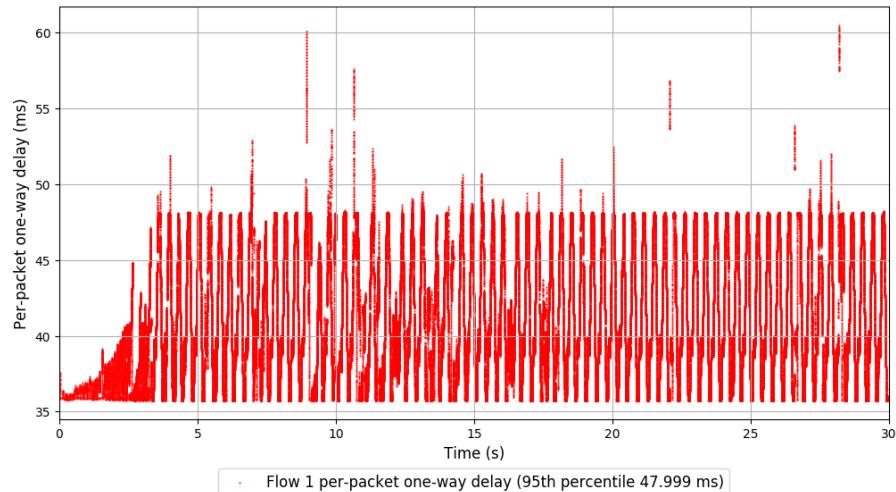
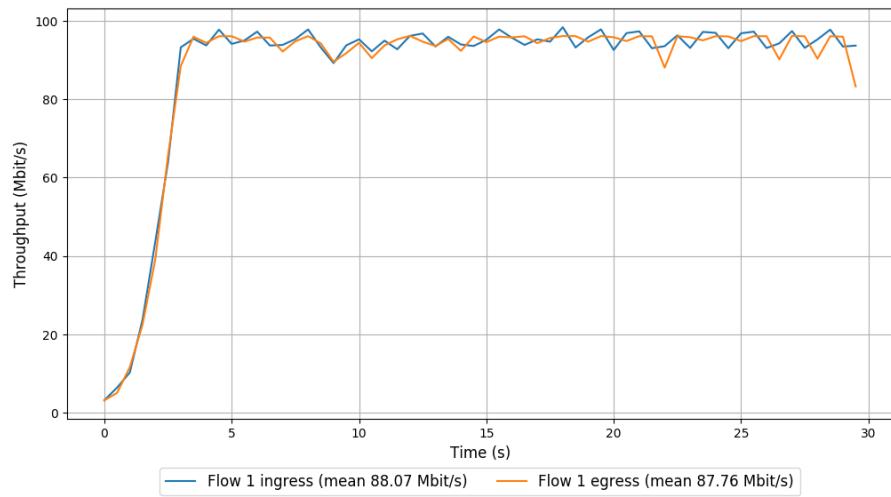
```
-- Flow 1:
```

```
Average throughput: 87.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.999 ms
```

```
Loss rate: 0.64%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 12:55:24 +0000
```

```
End at: Wed, 05 Jul 2017 12:55:54 +0000
```

```
Local clock offset: 0.691 ms
```

```
Remote clock offset: -2.456 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.822 ms
```

```
Loss rate: 0.50%
```

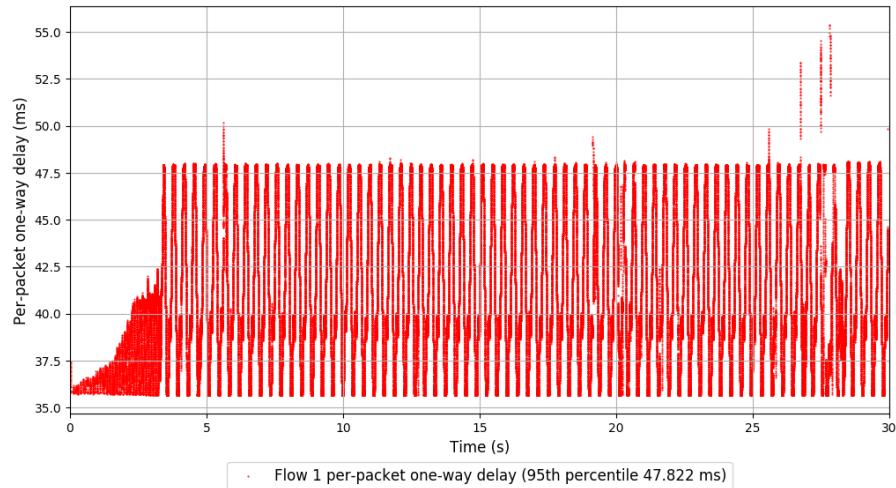
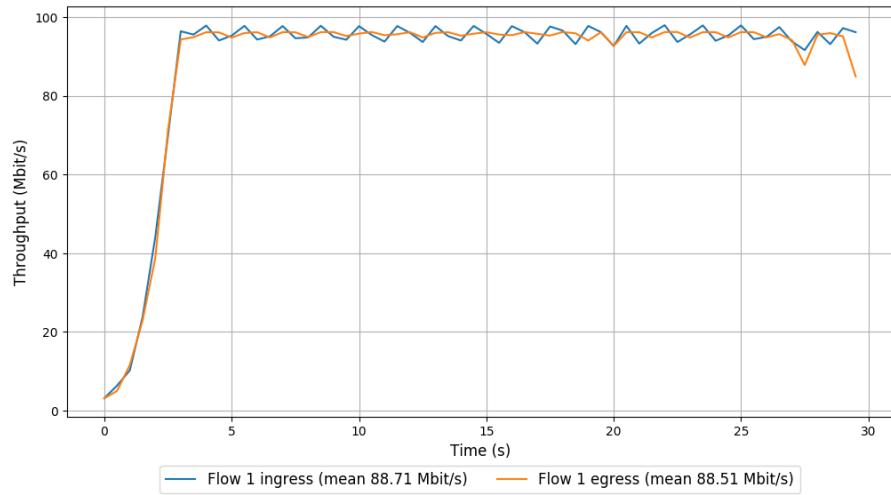
```
-- Flow 1:
```

```
Average throughput: 88.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.822 ms
```

```
Loss rate: 0.50%
```

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

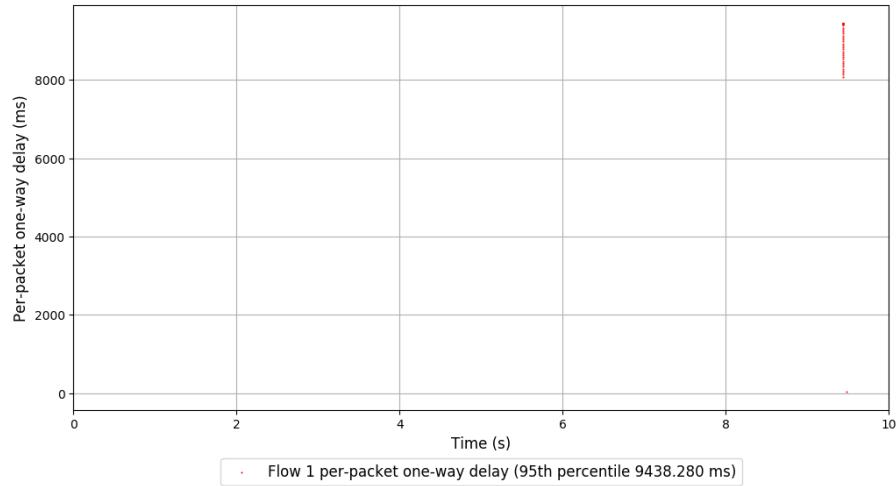
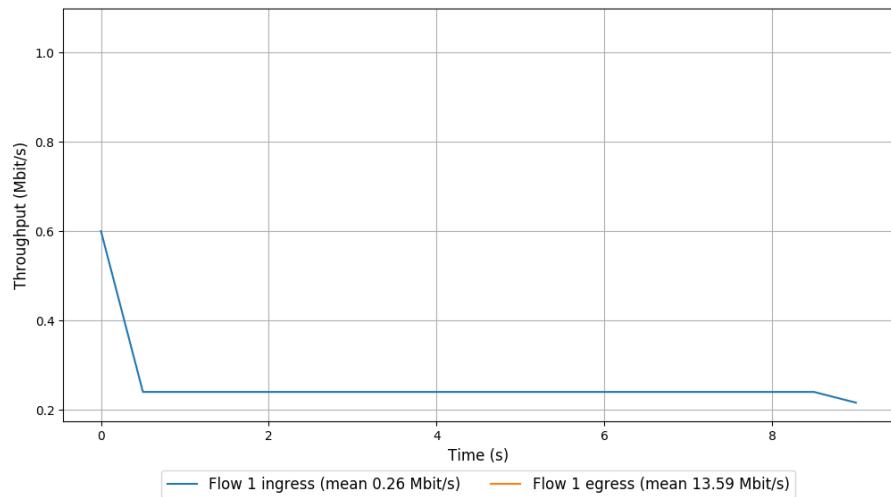
Start at: Wed, 05 Jul 2017 13:15:04 +0000

End at: Wed, 05 Jul 2017 13:15:34 +0000

Local clock offset: 0.617 ms

Remote clock offset: -5.054 ms

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 13:34:41 +0000
```

```
End at: Wed, 05 Jul 2017 13:35:11 +0000
```

```
Local clock offset: 0.575 ms
```

```
Remote clock offset: -2.3 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:22:50 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.934 ms
```

```
Loss rate: 0.62%
```

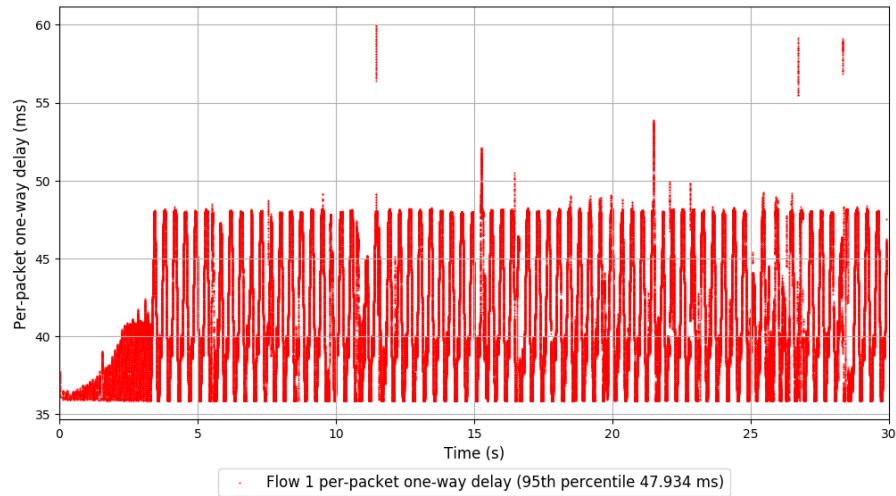
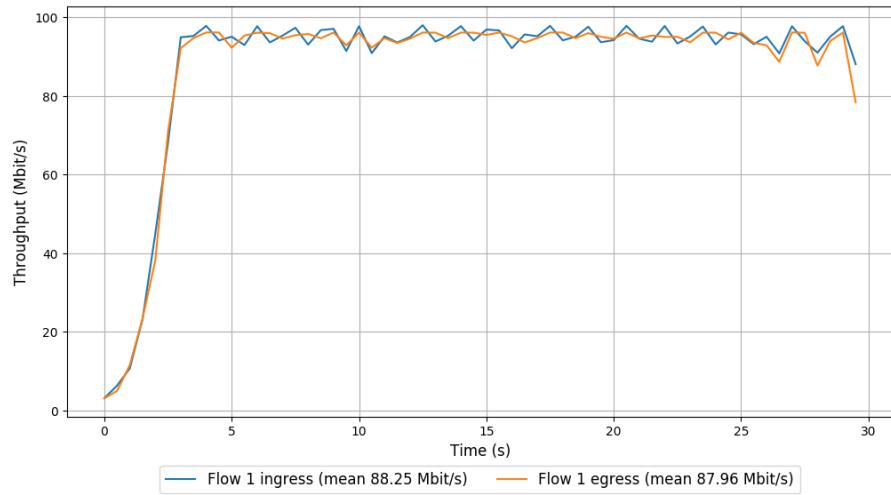
```
-- Flow 1:
```

```
Average throughput: 87.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.934 ms
```

```
Loss rate: 0.62%
```

Run 10: Report of CalibratedKoho — Data Link

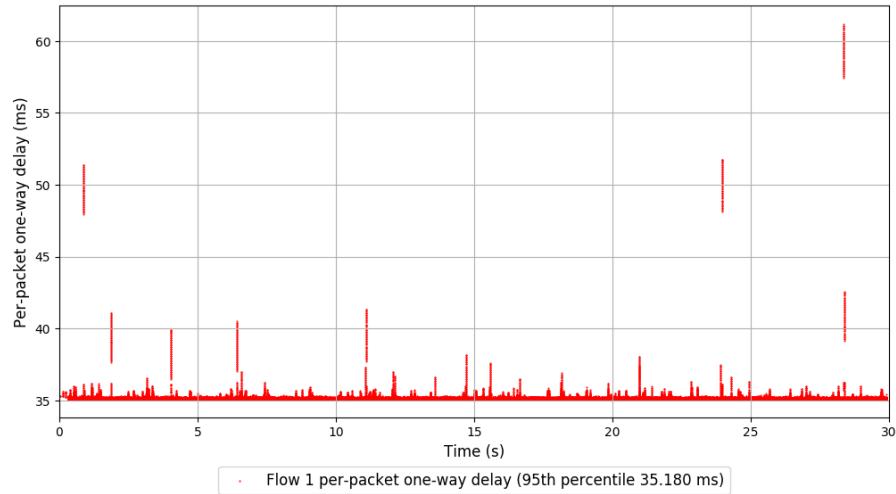
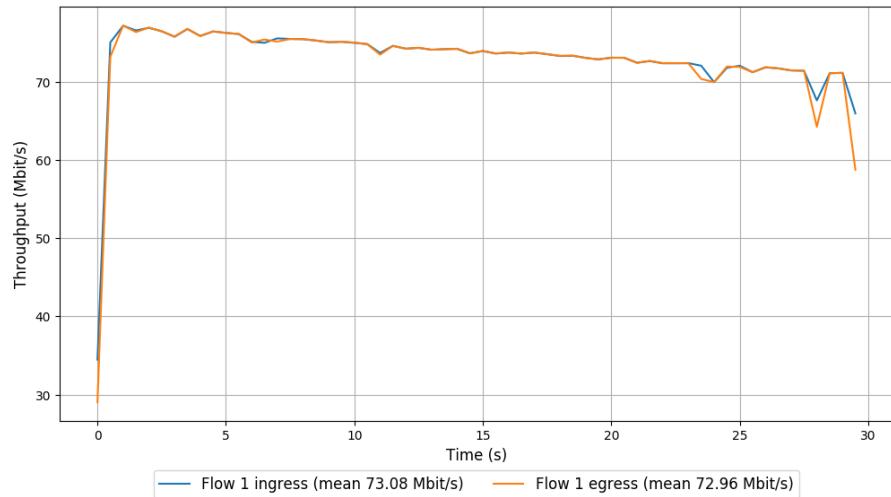


Run 1: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 10:44:29 +0000
End at: Wed, 05 Jul 2017 10:44:59 +0000
Local clock offset: 0.738 ms
Remote clock offset: -4.913 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.96 Mbit/s
95th percentile per-packet one-way delay: 35.180 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 72.96 Mbit/s
95th percentile per-packet one-way delay: 35.180 ms
Loss rate: 0.45%
```

Run 1: Report of Copa — Data Link

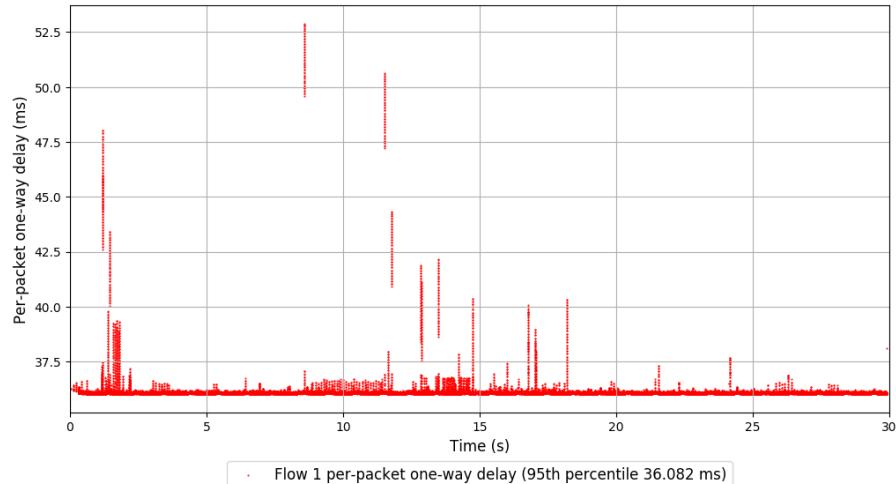
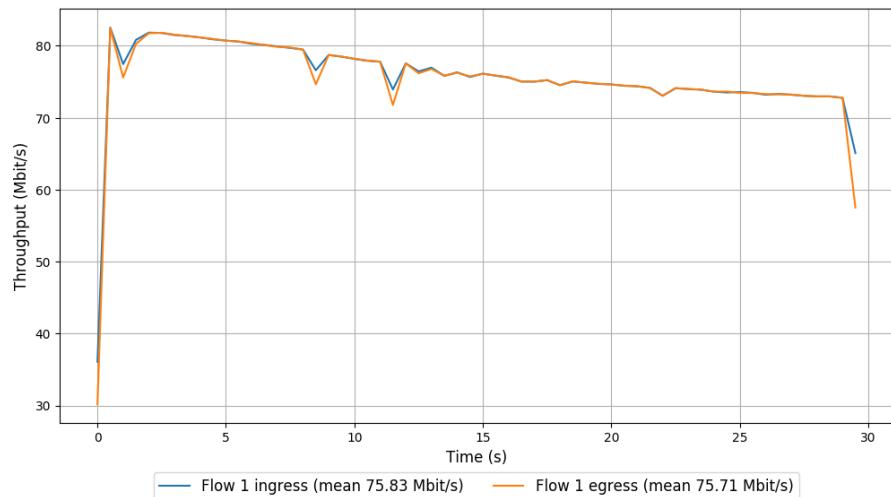


Run 2: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 11:04:13 +0000
End at: Wed, 05 Jul 2017 11:04:43 +0000
Local clock offset: 0.605 ms
Remote clock offset: -2.696 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 36.082 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 36.082 ms
Loss rate: 0.44%
```

Run 2: Report of Copa — Data Link

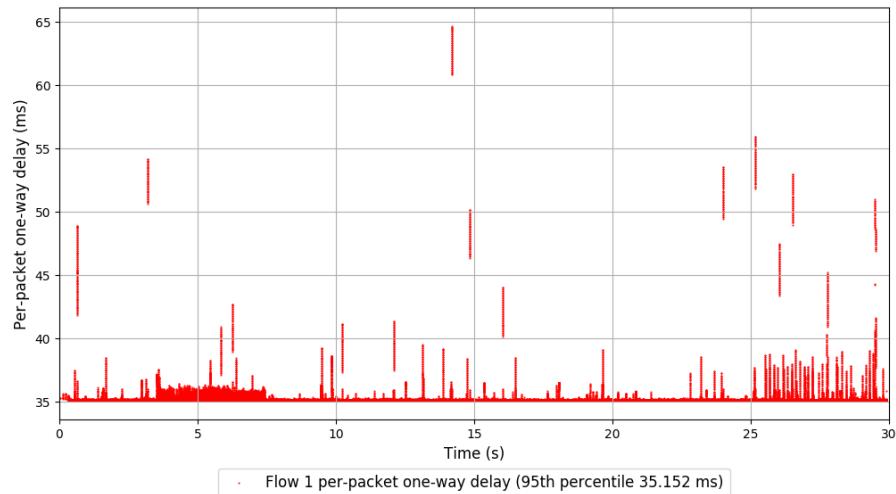
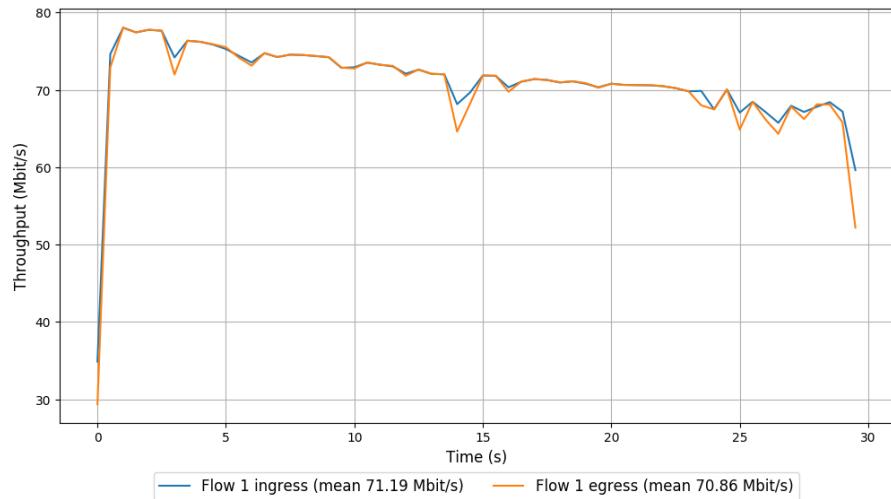


Run 3: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 11:23:56 +0000
End at: Wed, 05 Jul 2017 11:24:26 +0000
Local clock offset: 0.73 ms
Remote clock offset: -5.023 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.86 Mbit/s
95th percentile per-packet one-way delay: 35.152 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 70.86 Mbit/s
95th percentile per-packet one-way delay: 35.152 ms
Loss rate: 0.74%
```

Run 3: Report of Copa — Data Link

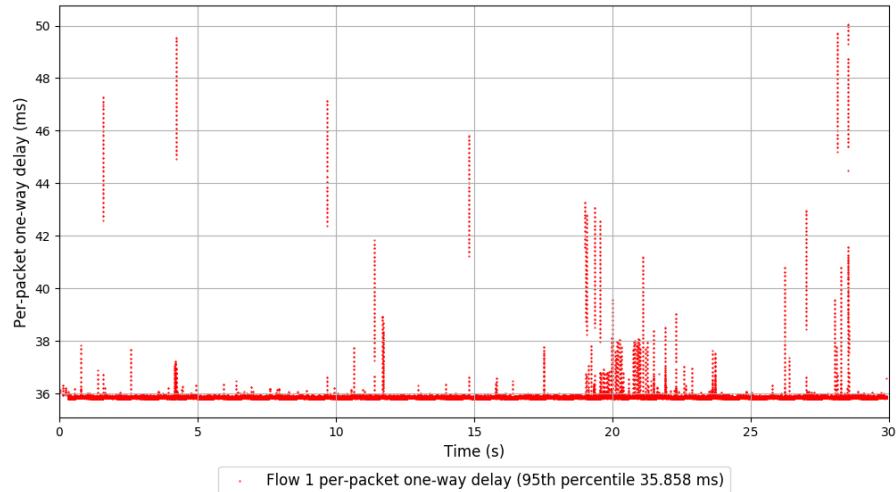
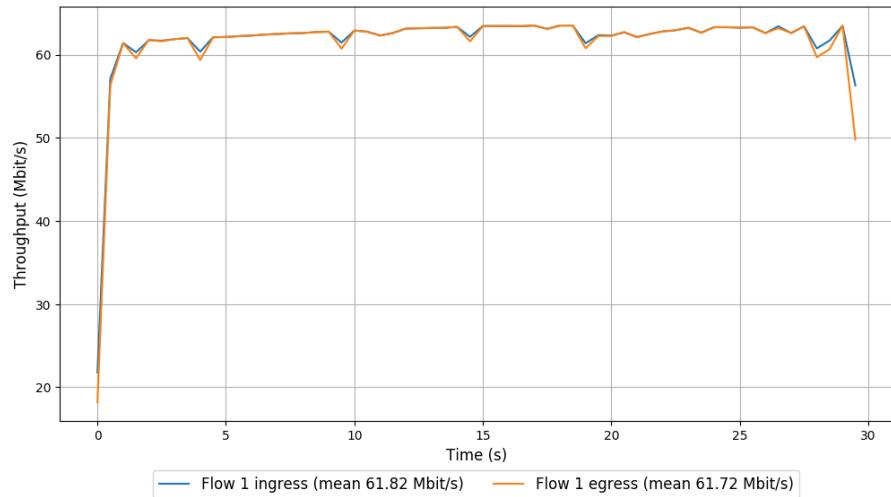


Run 4: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 11:43:29 +0000
End at: Wed, 05 Jul 2017 11:43:59 +0000
Local clock offset: 0.654 ms
Remote clock offset: -4.94 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 35.858 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 35.858 ms
Loss rate: 0.46%
```

Run 4: Report of Copa — Data Link

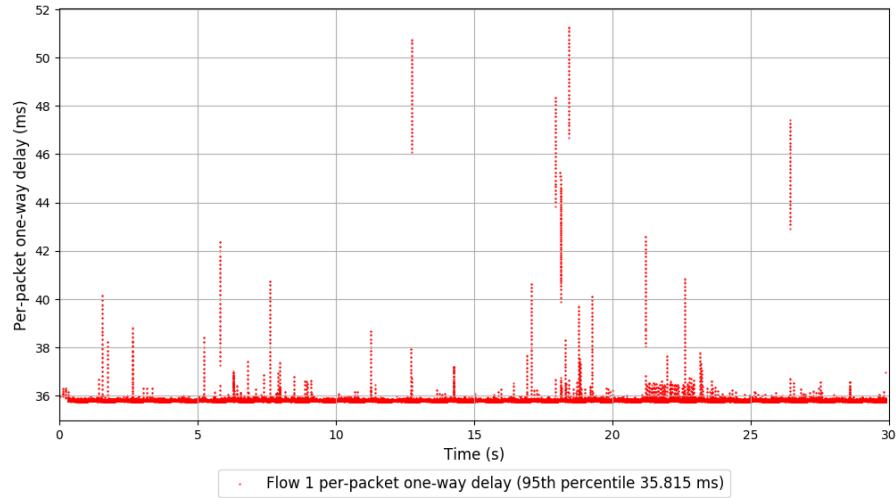
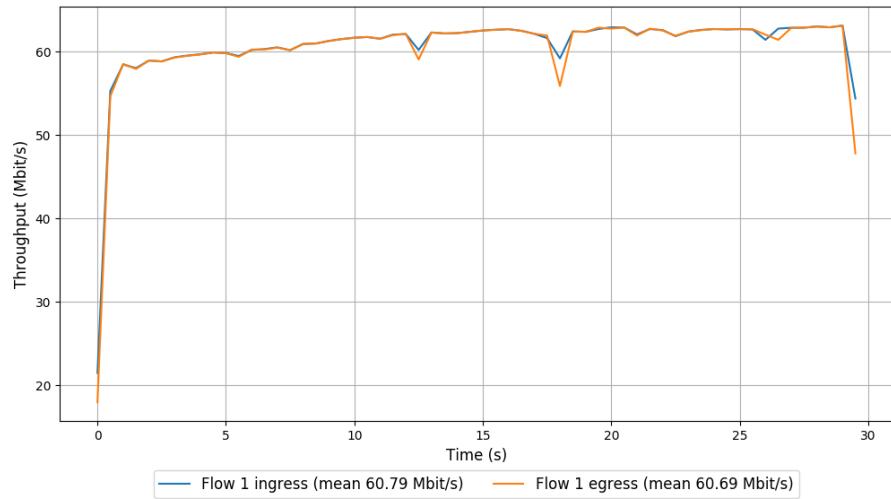


Run 5: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 12:03:07 +0000
End at: Wed, 05 Jul 2017 12:03:37 +0000
Local clock offset: 0.624 ms
Remote clock offset: -4.924 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 35.815 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 35.815 ms
Loss rate: 0.44%
```

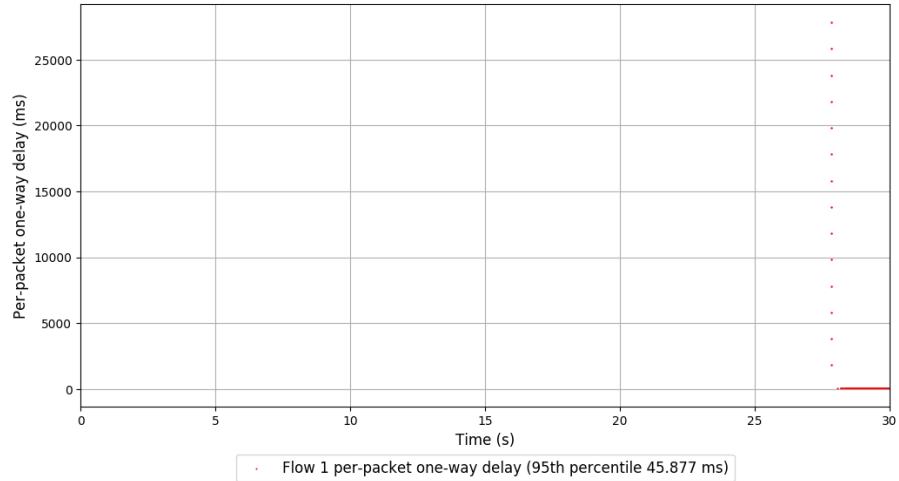
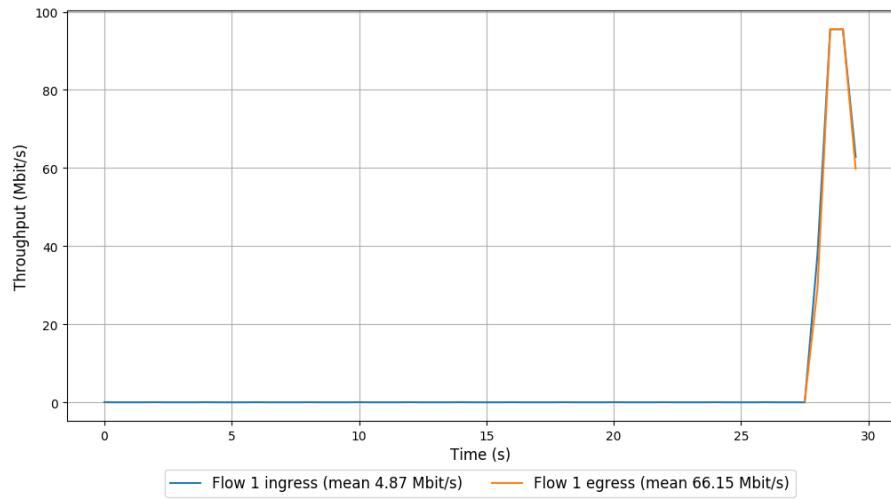
Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Wed, 05 Jul 2017 12:22:47 +0000
End at: Wed, 05 Jul 2017 12:23:17 +0000
Local clock offset: 0.624 ms
Remote clock offset: -4.976 ms

Run 6: Report of Copa — Data Link

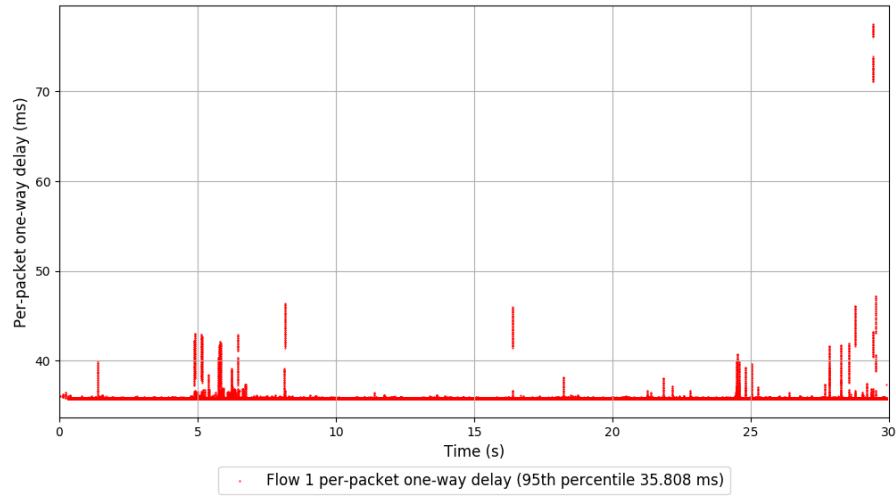
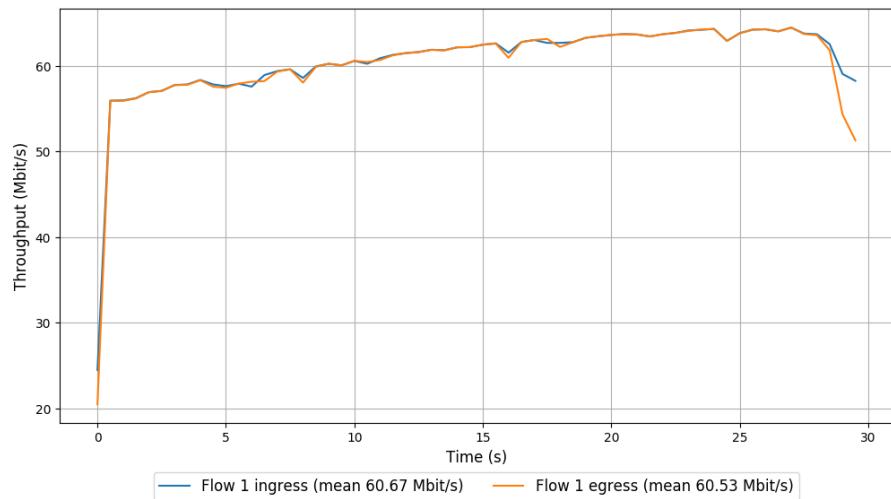


Run 7: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 12:42:22 +0000
End at: Wed, 05 Jul 2017 12:42:52 +0000
Local clock offset: 0.616 ms
Remote clock offset: -2.998 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.53 Mbit/s
95th percentile per-packet one-way delay: 35.808 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 60.53 Mbit/s
95th percentile per-packet one-way delay: 35.808 ms
Loss rate: 0.52%
```

Run 7: Report of Copa — Data Link

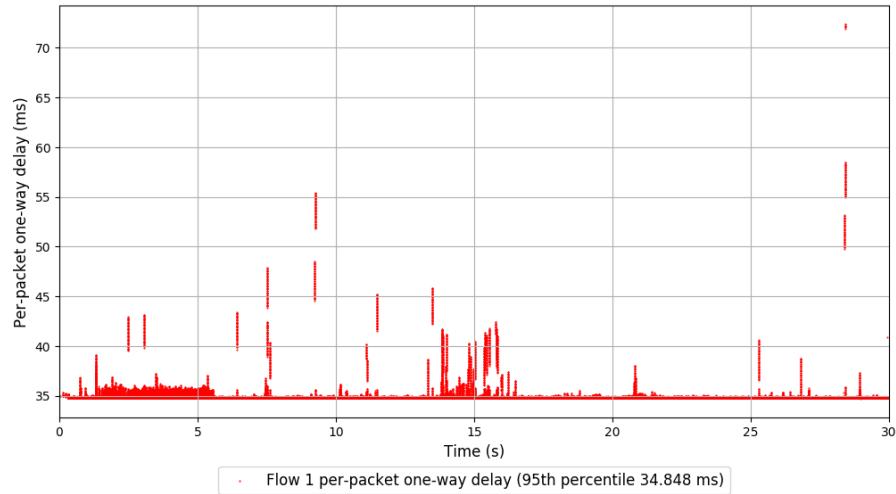
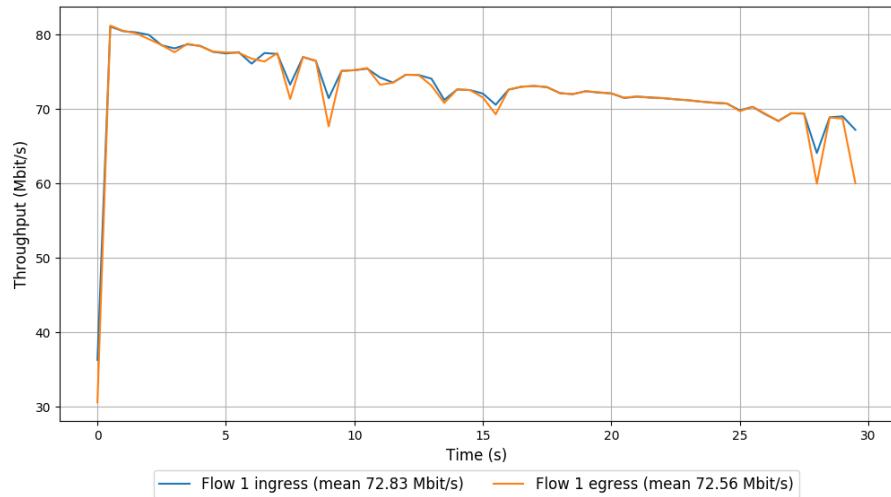


Run 8: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 13:01:59 +0000
End at: Wed, 05 Jul 2017 13:02:29 +0000
Local clock offset: 0.721 ms
Remote clock offset: -2.993 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 34.848 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 34.848 ms
Loss rate: 0.64%
```

Run 8: Report of Copa — Data Link

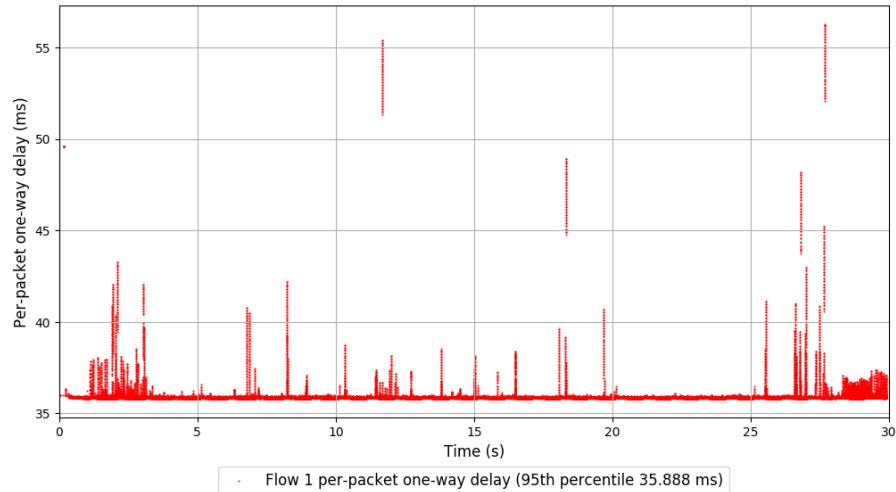
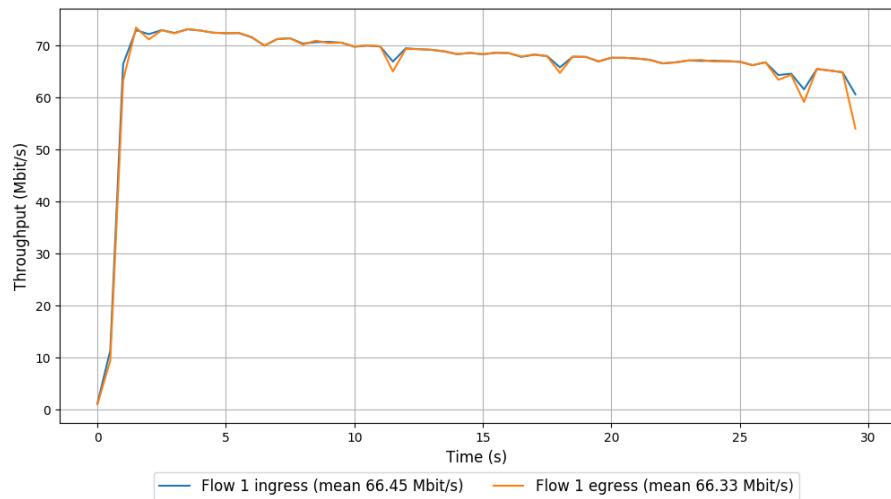


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 13:21:32 +0000
End at: Wed, 05 Jul 2017 13:22:02 +0000
Local clock offset: 0.666 ms
Remote clock offset: -4.97 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:23:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 35.888 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 35.888 ms
Loss rate: 0.47%
```

Run 9: Report of Copa — Data Link

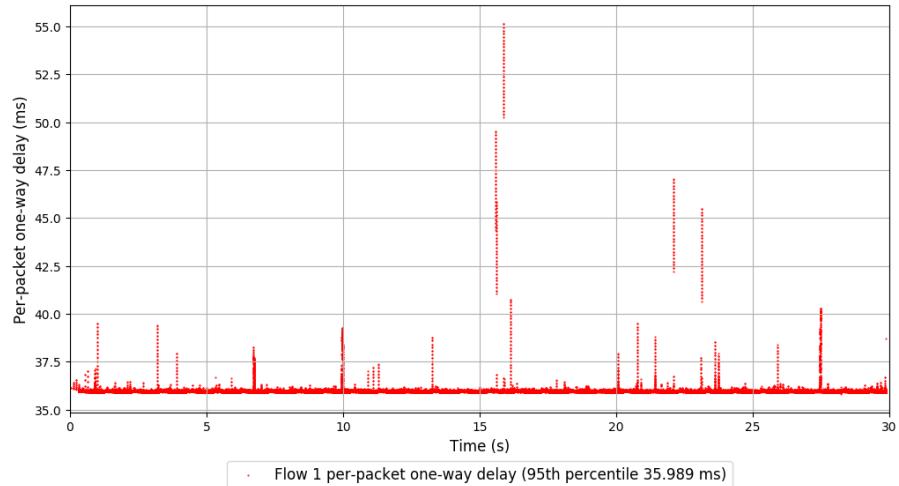
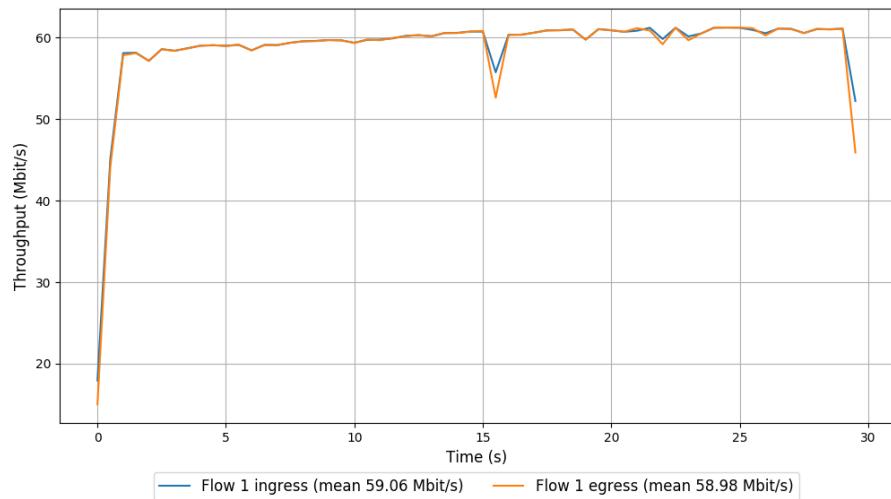


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 13:41:17 +0000
End at: Wed, 05 Jul 2017 13:41:47 +0000
Local clock offset: 0.575 ms
Remote clock offset: -4.851 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 35.989 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 35.989 ms
Loss rate: 0.42%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:32:43 +0000
```

```
End at: Wed, 05 Jul 2017 10:33:13 +0000
```

```
Local clock offset: 0.67 ms
```

```
Remote clock offset: -4.473 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:12 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 47.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.917 ms
```

```
Loss rate: 0.40%
```

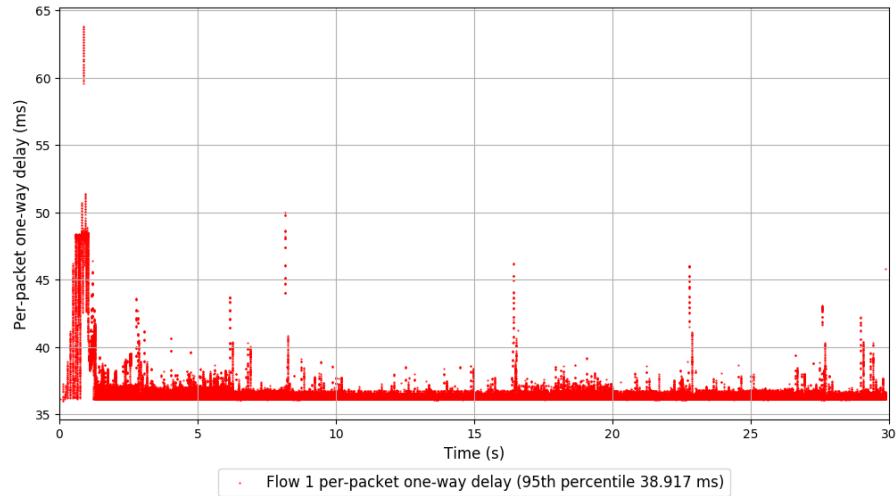
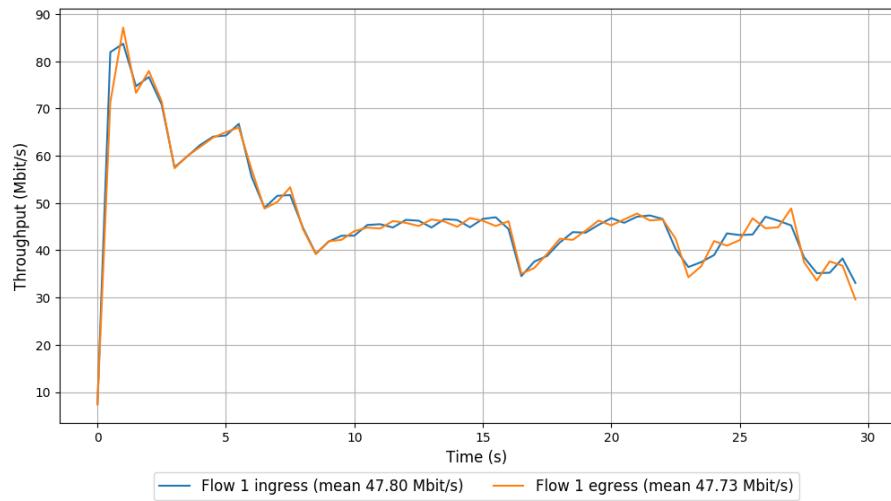
```
-- Flow 1:
```

```
Average throughput: 47.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.917 ms
```

```
Loss rate: 0.40%
```

Run 1: Report of TCP Cubic — Data Link

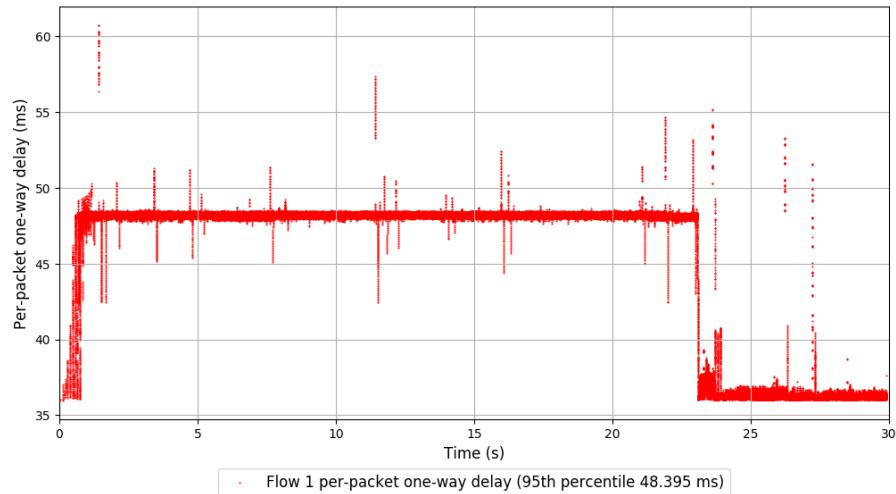
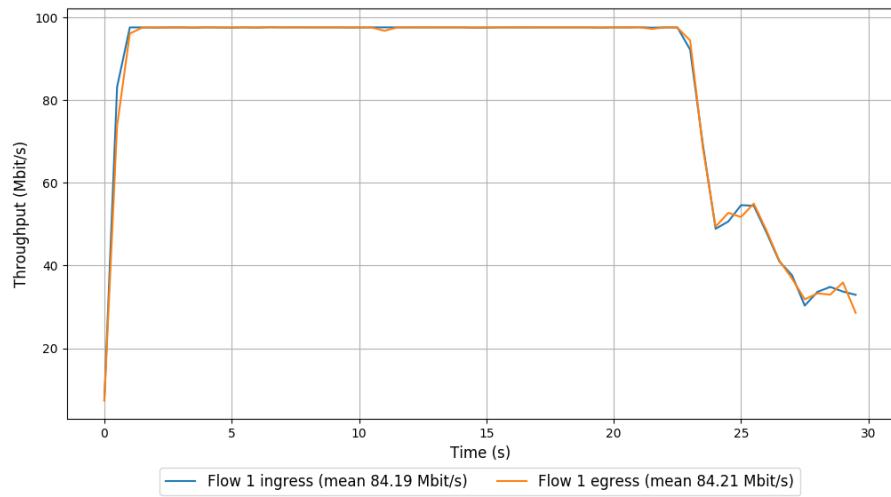


Run 2: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 10:52:22 +0000
End at: Wed, 05 Jul 2017 10:52:52 +0000
Local clock offset: 0.637 ms
Remote clock offset: -4.658 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 48.395 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 48.395 ms
Loss rate: 0.26%
```

Run 2: Report of TCP Cubic — Data Link



```
Run 3: Statistics of TCP Cubic
```

```
Start at: Wed, 05 Jul 2017 11:12:07 +0000
```

```
End at: Wed, 05 Jul 2017 11:12:37 +0000
```

```
Local clock offset: 0.711 ms
```

```
Remote clock offset: -4.729 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 92.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.298 ms
```

```
Loss rate: 0.30%
```

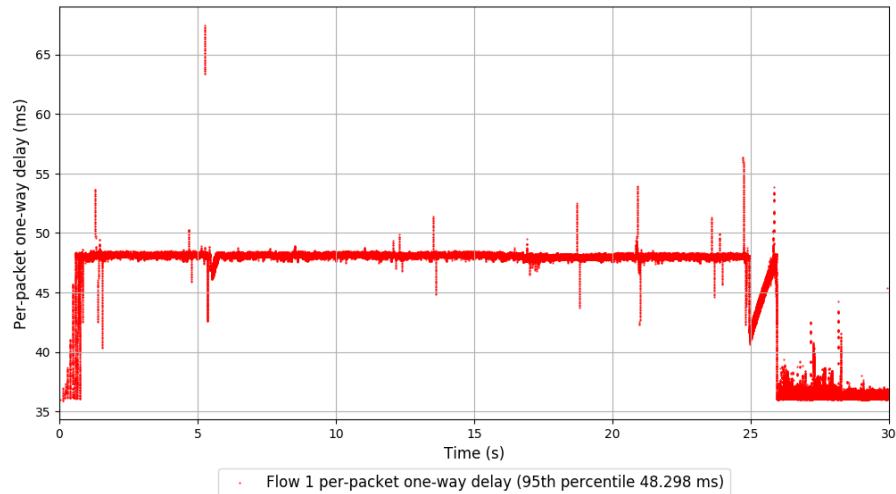
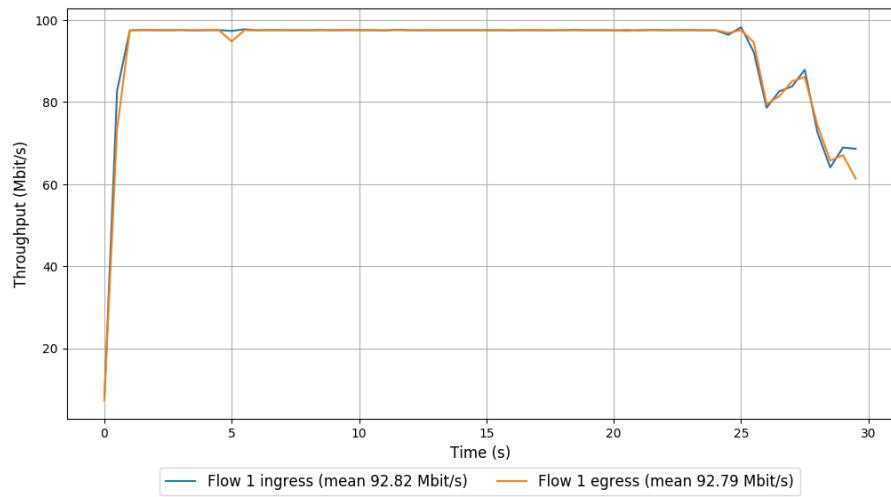
```
-- Flow 1:
```

```
Average throughput: 92.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.298 ms
```

```
Loss rate: 0.30%
```

Run 3: Report of TCP Cubic — Data Link

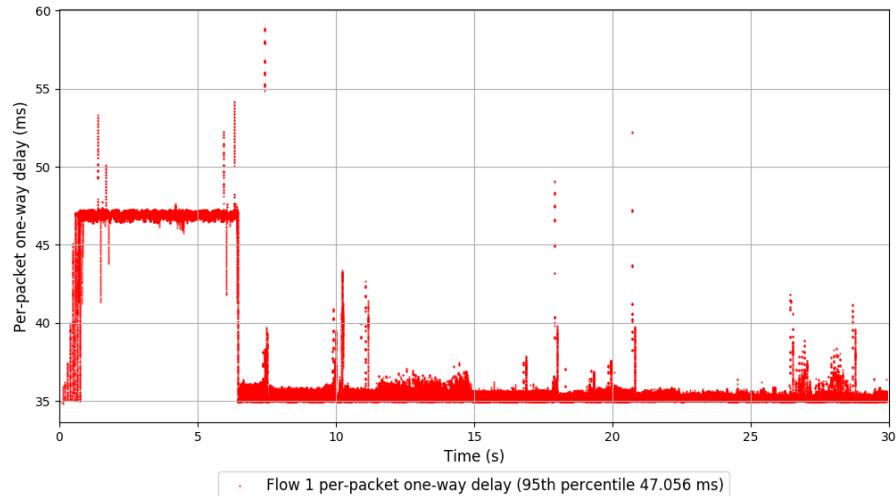
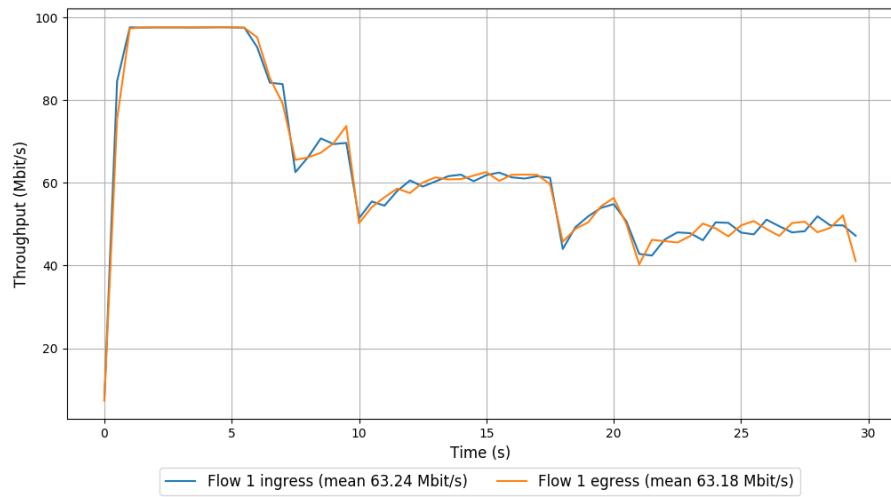


Run 4: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 11:31:48 +0000
End at: Wed, 05 Jul 2017 11:32:19 +0000
Local clock offset: 0.618 ms
Remote clock offset: -2.32 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.18 Mbit/s
95th percentile per-packet one-way delay: 47.056 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 63.18 Mbit/s
95th percentile per-packet one-way delay: 47.056 ms
Loss rate: 0.38%
```

Run 4: Report of TCP Cubic — Data Link



```
Run 5: Statistics of TCP Cubic
```

```
Start at: Wed, 05 Jul 2017 11:51:19 +0000
```

```
End at: Wed, 05 Jul 2017 11:51:49 +0000
```

```
Local clock offset: 0.707 ms
```

```
Remote clock offset: -4.952 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 70.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.797 ms
```

```
Loss rate: 0.30%
```

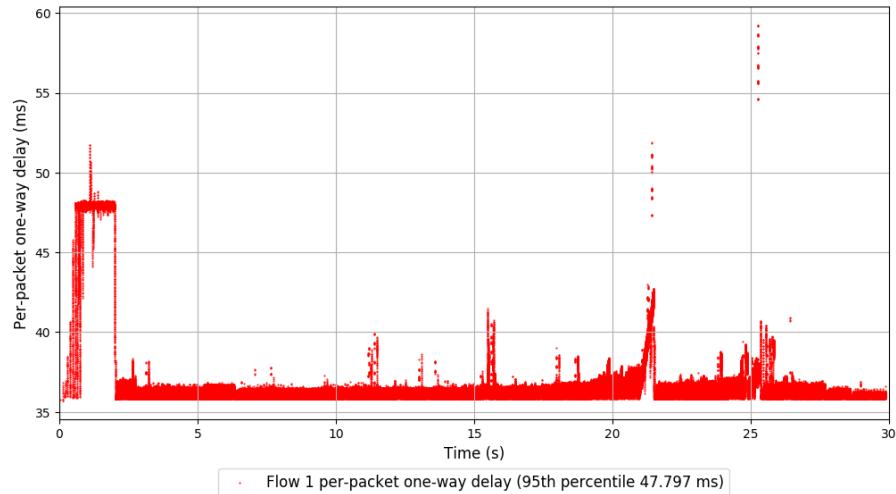
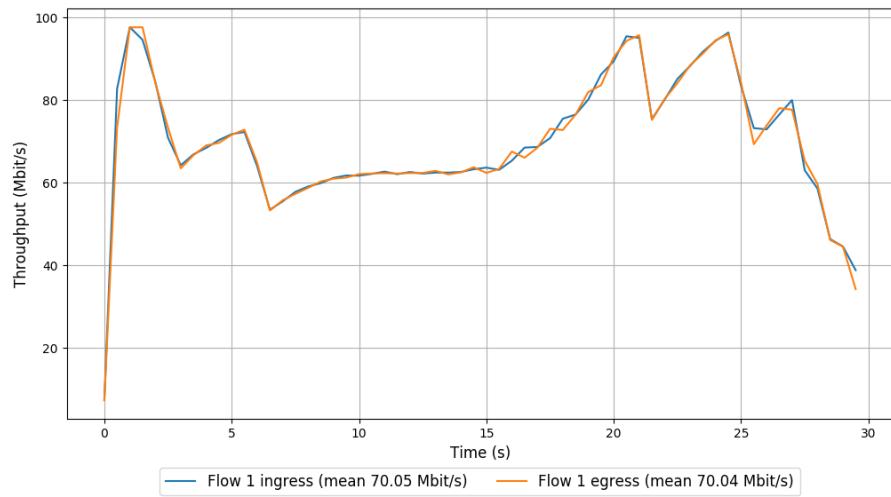
```
-- Flow 1:
```

```
Average throughput: 70.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.797 ms
```

```
Loss rate: 0.30%
```

Run 5: Report of TCP Cubic — Data Link

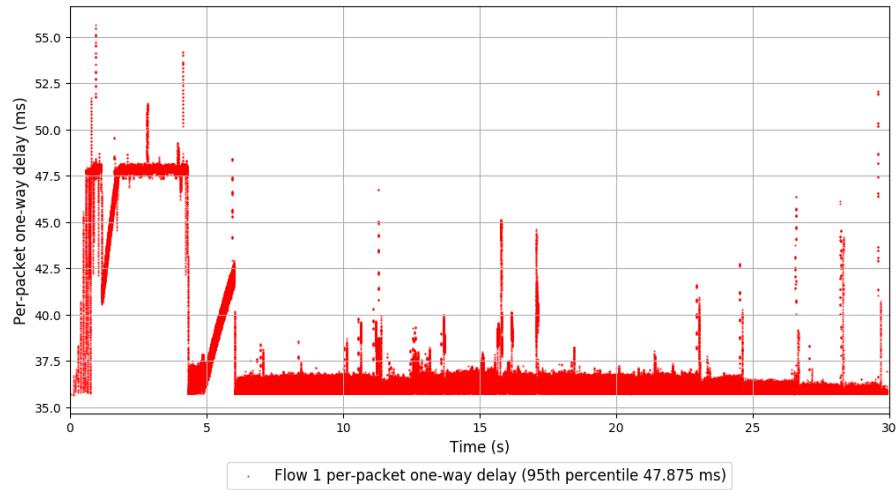
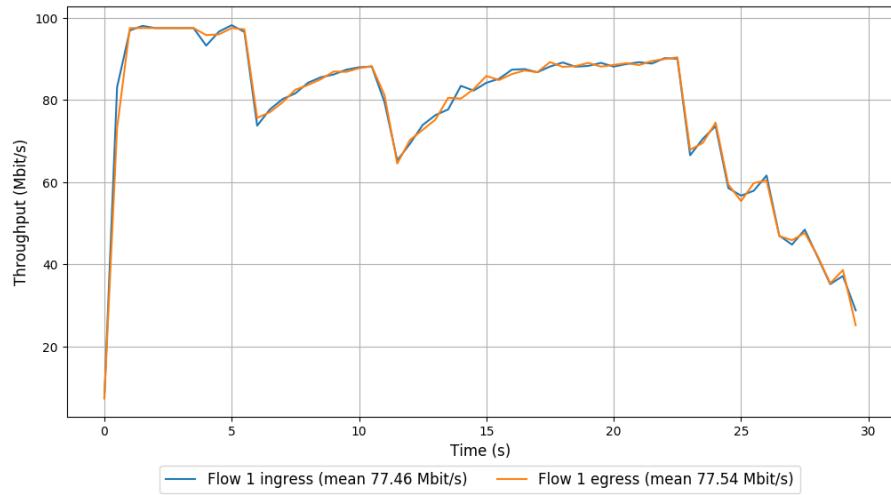


Run 6: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 12:11:03 +0000
End at: Wed, 05 Jul 2017 12:11:33 +0000
Local clock offset: 0.7 ms
Remote clock offset: -2.403 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 47.875 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 47.875 ms
Loss rate: 0.17%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 12:30:36 +0000

End at: Wed, 05 Jul 2017 12:31:06 +0000

Local clock offset: 0.65 ms

Remote clock offset: -2.521 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:24:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 47.829 ms

Loss rate: 0.34%

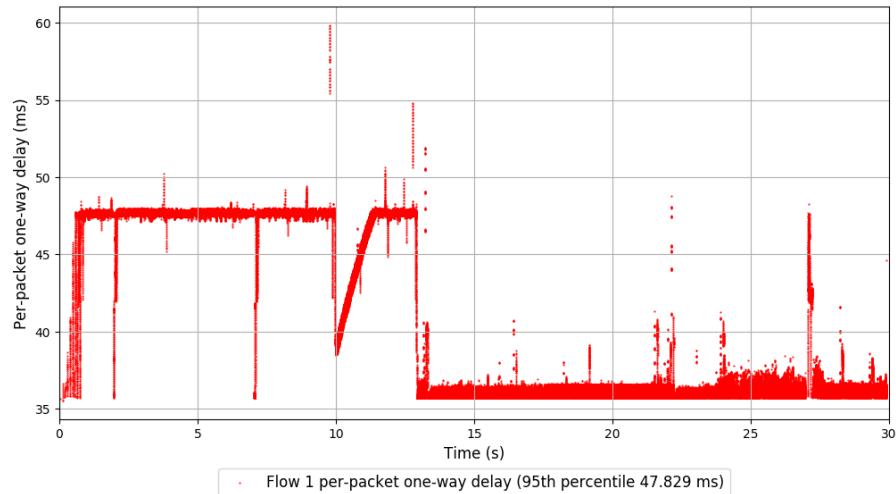
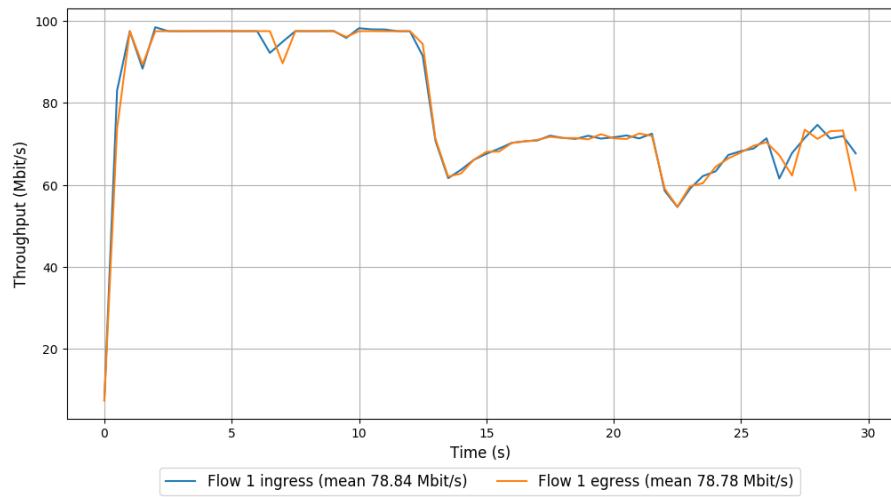
-- Flow 1:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 47.829 ms

Loss rate: 0.34%

Run 7: Report of TCP Cubic — Data Link

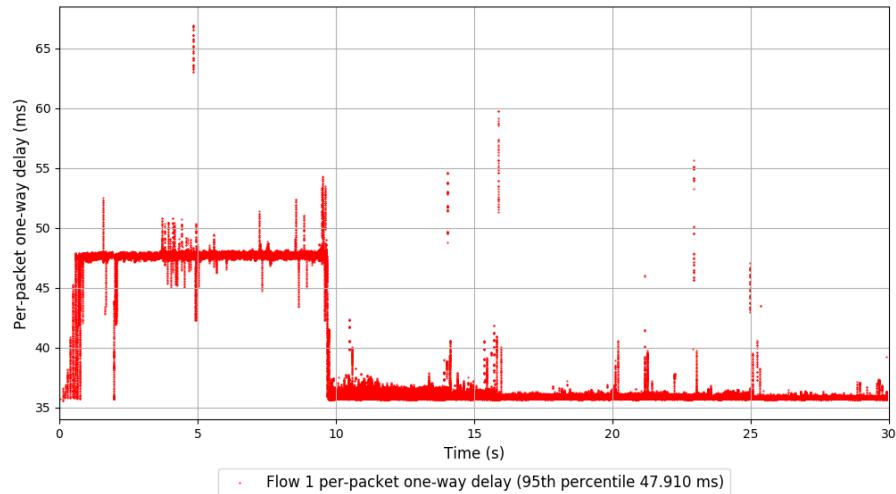
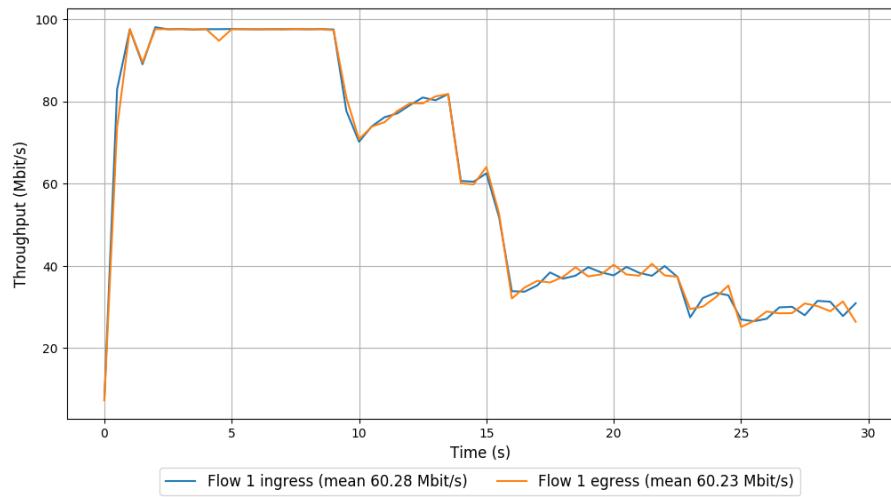


Run 8: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 12:50:11 +0000
End at: Wed, 05 Jul 2017 12:50:41 +0000
Local clock offset: 0.638 ms
Remote clock offset: -5.034 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.23 Mbit/s
95th percentile per-packet one-way delay: 47.910 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 60.23 Mbit/s
95th percentile per-packet one-way delay: 47.910 ms
Loss rate: 0.37%
```

Run 8: Report of TCP Cubic — Data Link

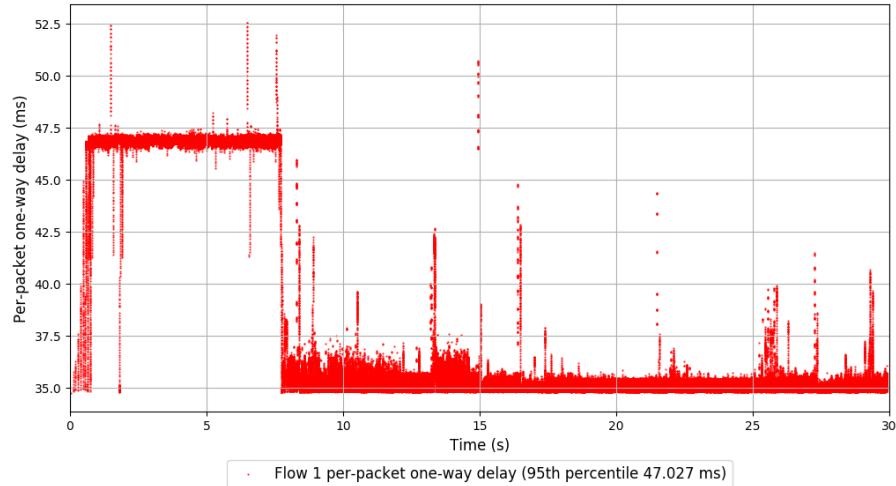
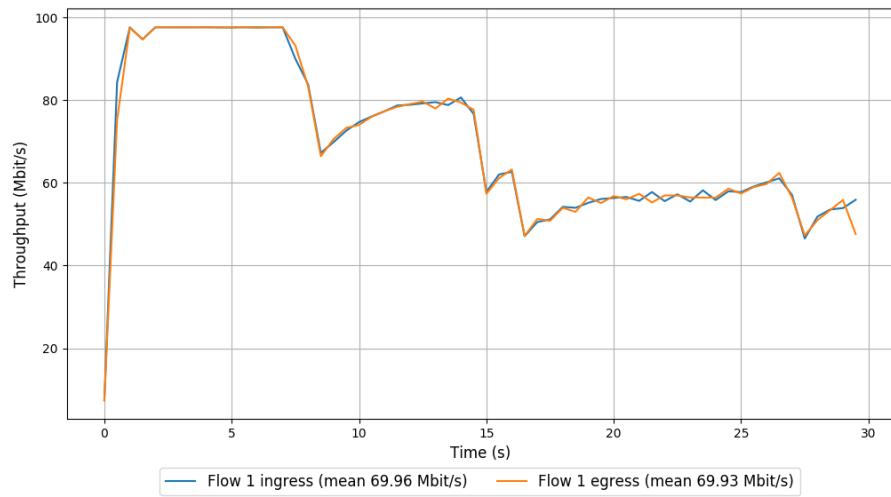


Run 9: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 13:09:52 +0000
End at: Wed, 05 Jul 2017 13:10:22 +0000
Local clock offset: 0.723 ms
Remote clock offset: -5.434 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 47.027 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 47.027 ms
Loss rate: 0.33%
```

Run 9: Report of TCP Cubic — Data Link

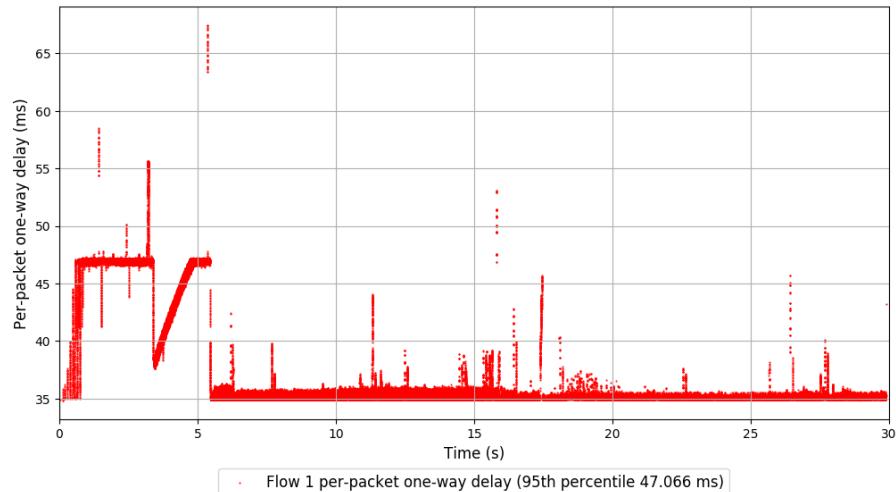
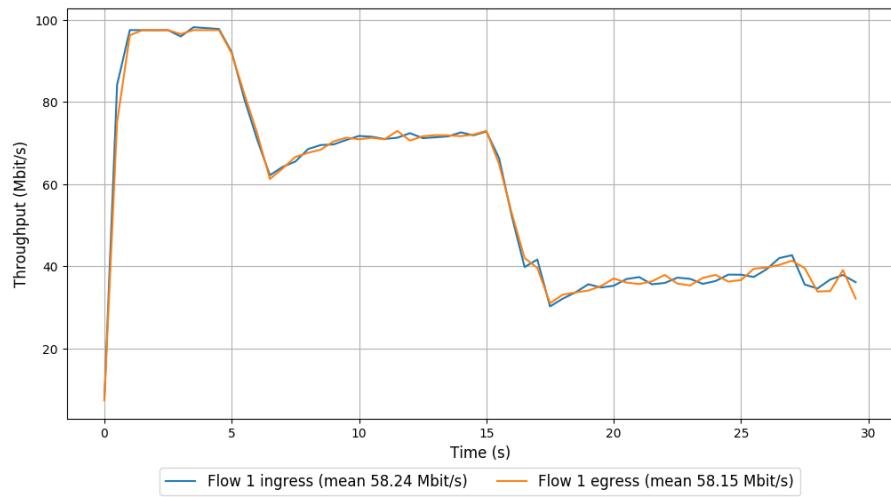


Run 10: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 13:29:27 +0000
End at: Wed, 05 Jul 2017 13:29:57 +0000
Local clock offset: 0.66 ms
Remote clock offset: -4.81 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 47.066 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 47.066 ms
Loss rate: 0.42%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:43:12 +0000
```

```
End at: Wed, 05 Jul 2017 10:43:42 +0000
```

```
Local clock offset: 0.637 ms
```

```
Remote clock offset: -4.669 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:54 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 35.475 ms
```

```
Loss rate: 0.38%
```

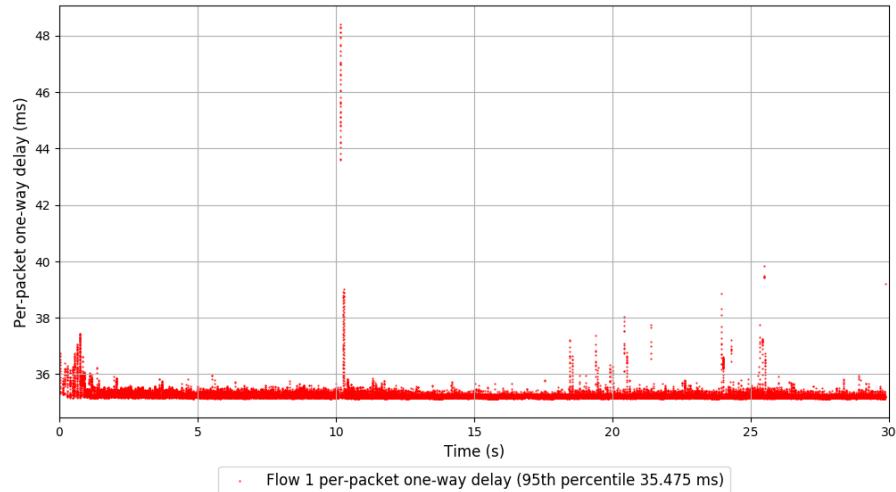
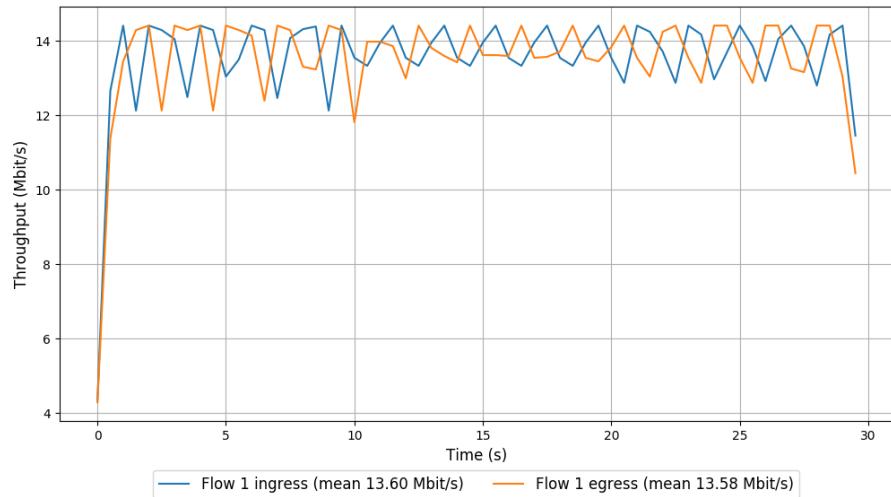
```
-- Flow 1:
```

```
Average throughput: 13.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 35.475 ms
```

```
Loss rate: 0.38%
```

Run 1: Report of KohoCC — Data Link

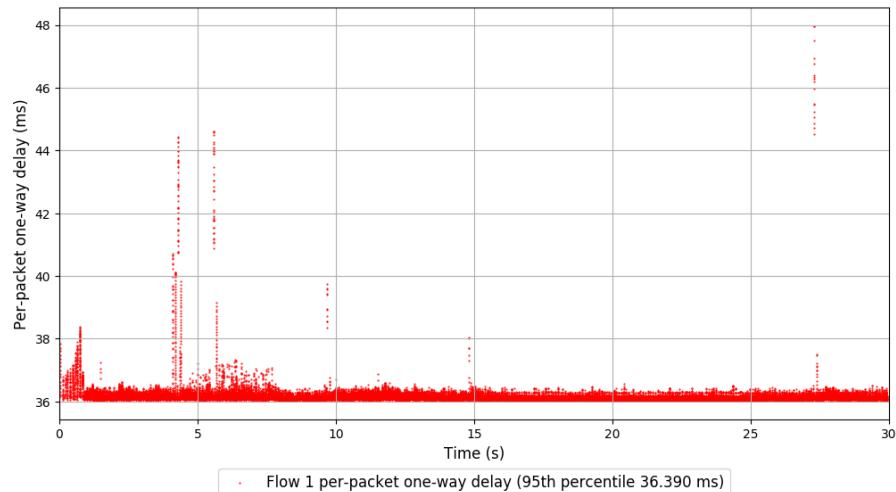
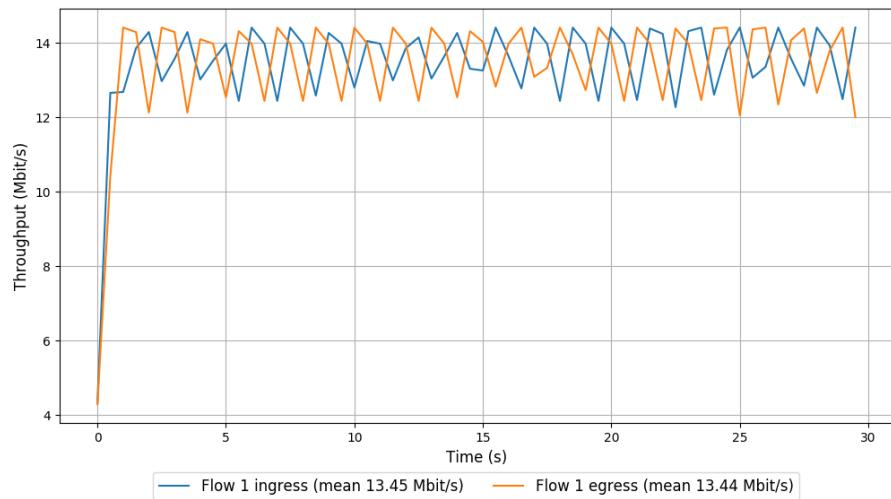


Run 2: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 11:02:55 +0000
End at: Wed, 05 Jul 2017 11:03:25 +0000
Local clock offset: 0.722 ms
Remote clock offset: -2.656 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.390 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.390 ms
Loss rate: 0.34%
```

Run 2: Report of KohoCC — Data Link

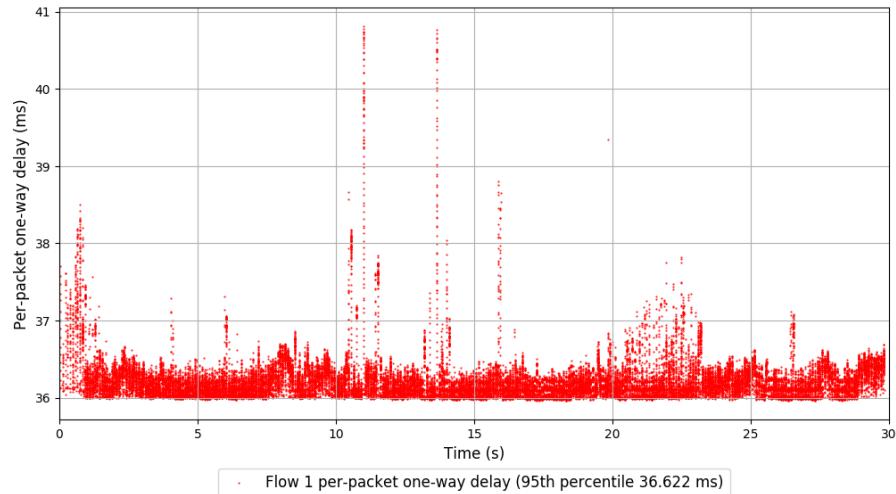
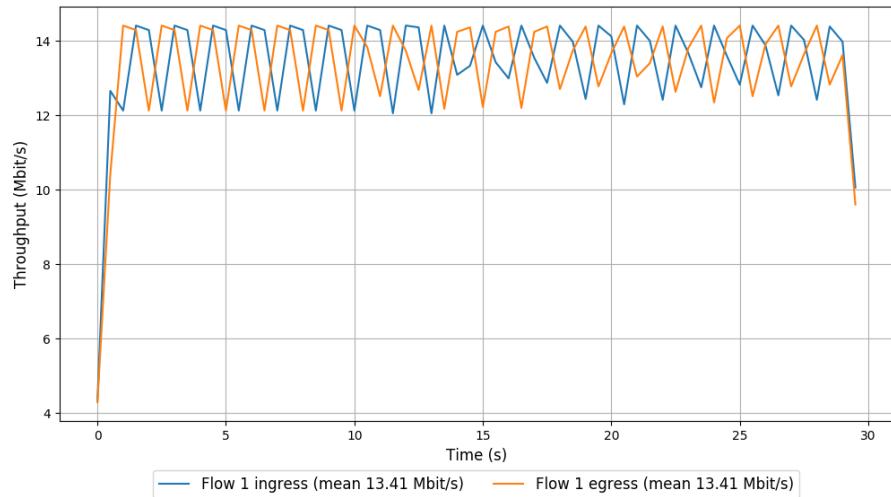


```
Run 3: Statistics of KohoCC
```

```
Start at: Wed, 05 Jul 2017 11:22:40 +0000
End at: Wed, 05 Jul 2017 11:23:10 +0000
Local clock offset: 0.617 ms
Remote clock offset: -2.729 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 36.622 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 36.622 ms
Loss rate: 0.30%
```

Run 3: Report of KohoCC — Data Link

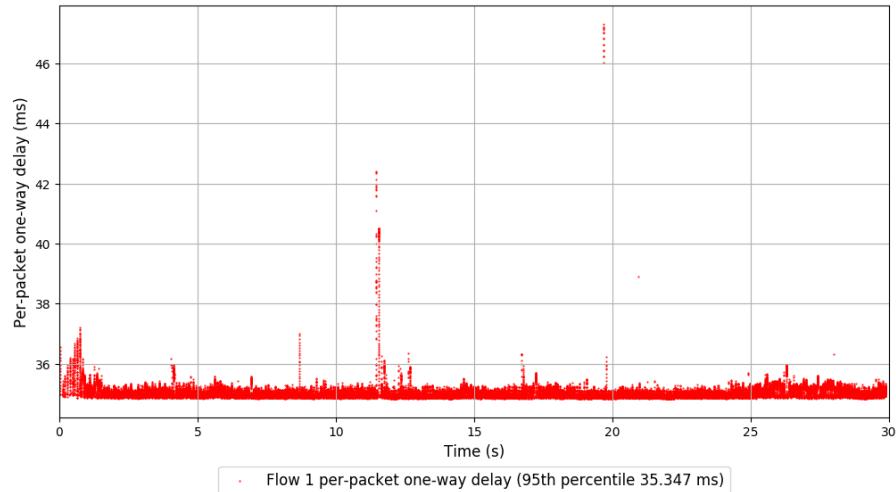
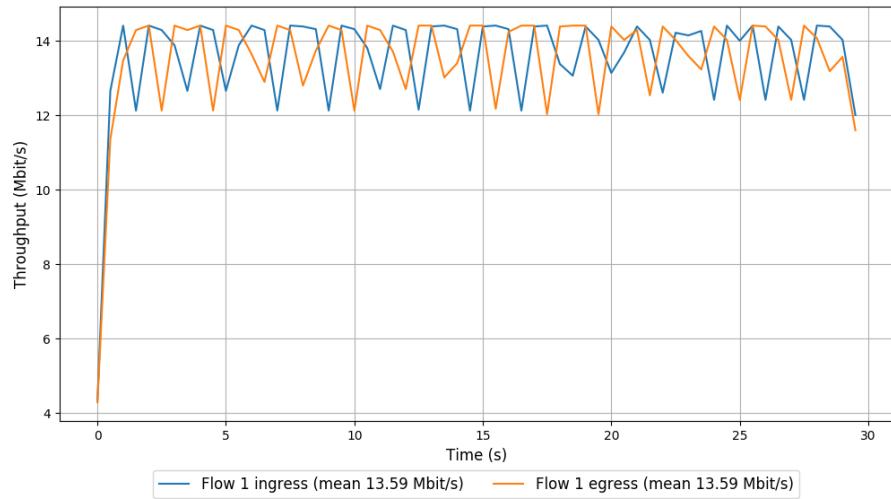


Run 4: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 11:42:12 +0000
End at: Wed, 05 Jul 2017 11:42:42 +0000
Local clock offset: 0.63 ms
Remote clock offset: -2.421 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:24:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.59 Mbit/s
95th percentile per-packet one-way delay: 35.347 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 13.59 Mbit/s
95th percentile per-packet one-way delay: 35.347 ms
Loss rate: 0.31%
```

Run 4: Report of KohoCC — Data Link

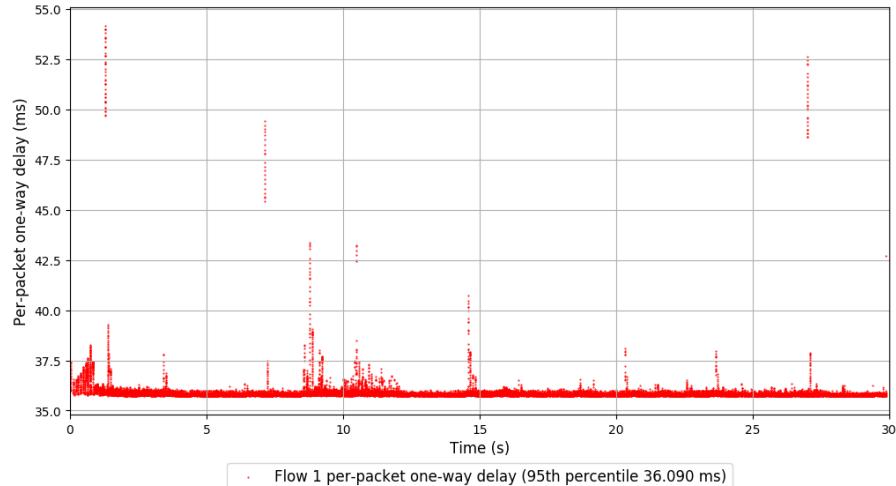
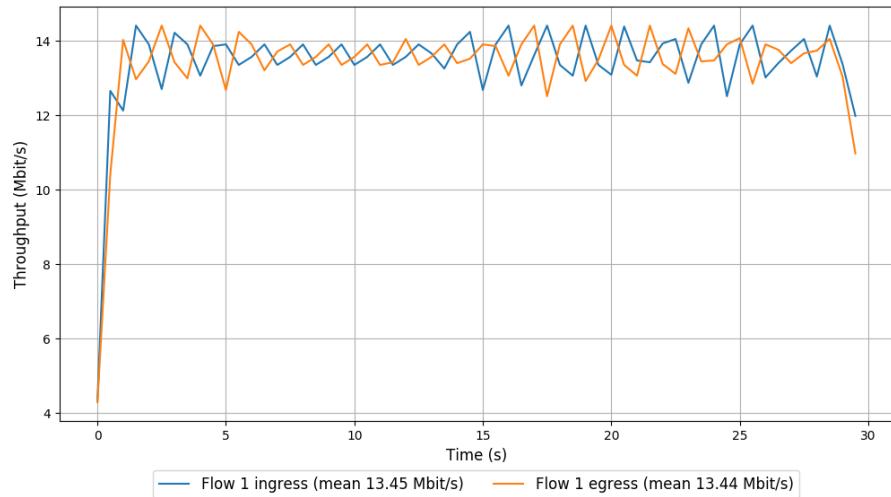


Run 5: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 12:01:51 +0000
End at: Wed, 05 Jul 2017 12:02:21 +0000
Local clock offset: 0.601 ms
Remote clock offset: -5.003 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.090 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.090 ms
Loss rate: 0.34%
```

Run 5: Report of KohoCC — Data Link

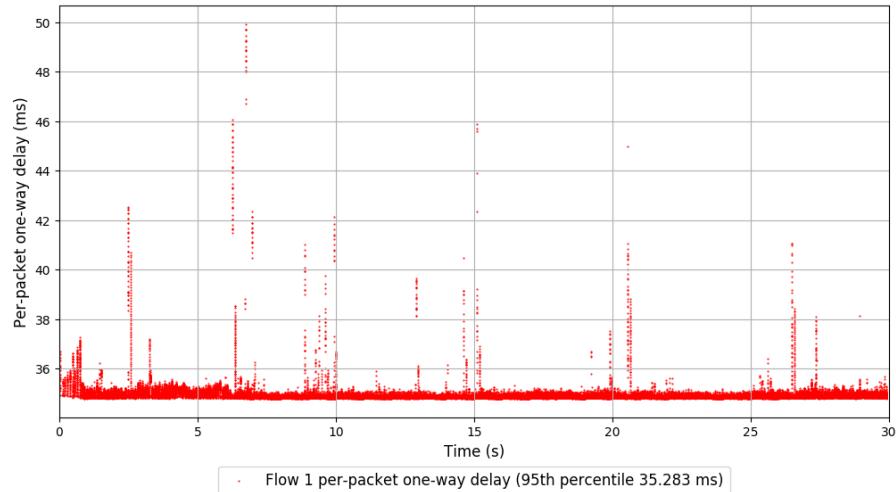
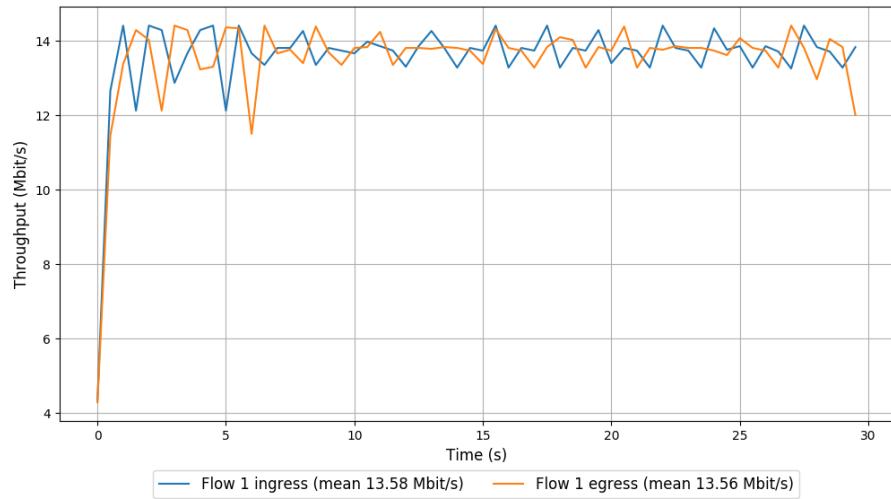


```
Run 6: Statistics of KohoCC
```

```
Start at: Wed, 05 Jul 2017 12:21:30 +0000
End at: Wed, 05 Jul 2017 12:22:00 +0000
Local clock offset: 0.641 ms
Remote clock offset: -2.853 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.56 Mbit/s
95th percentile per-packet one-way delay: 35.283 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 13.56 Mbit/s
95th percentile per-packet one-way delay: 35.283 ms
Loss rate: 0.42%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 12:41:05 +0000

End at: Wed, 05 Jul 2017 12:41:35 +0000

Local clock offset: 0.726 ms

Remote clock offset: -2.947 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:25:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.53 Mbit/s

95th percentile per-packet one-way delay: 35.349 ms

Loss rate: 0.58%

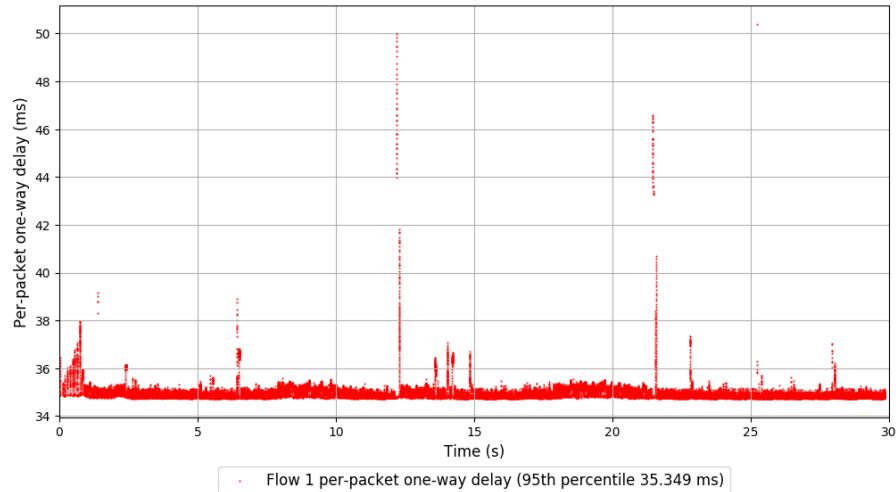
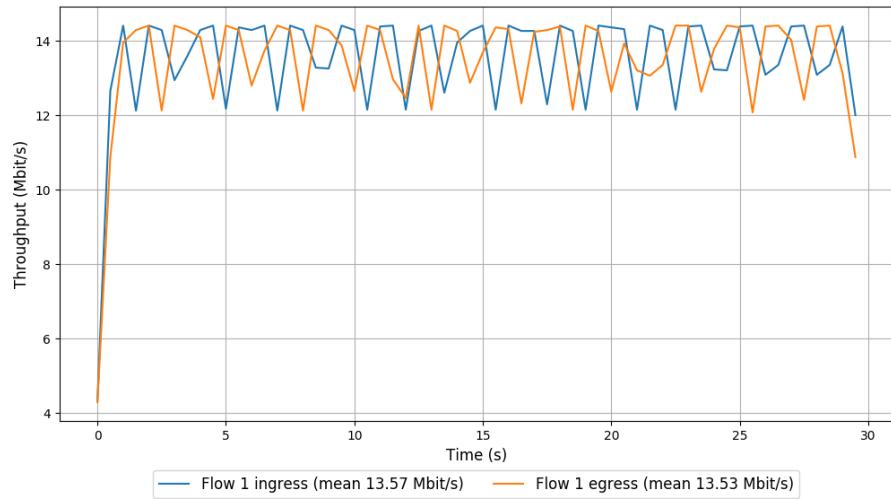
-- Flow 1:

Average throughput: 13.53 Mbit/s

95th percentile per-packet one-way delay: 35.349 ms

Loss rate: 0.58%

Run 7: Report of KohoCC — Data Link

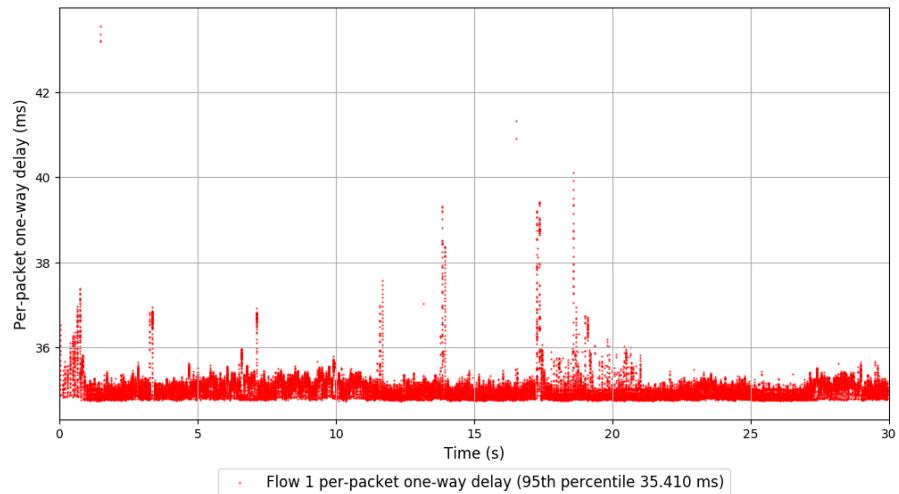
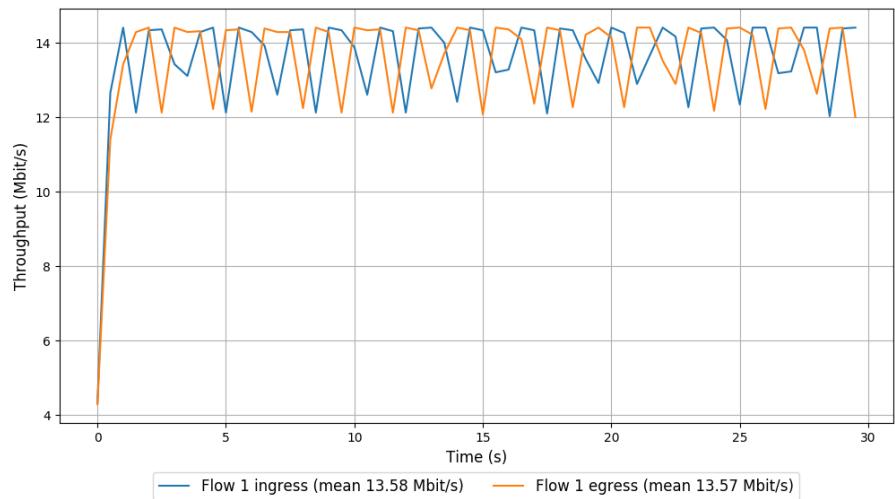


Run 8: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 13:00:42 +0000
End at: Wed, 05 Jul 2017 13:01:12 +0000
Local clock offset: 0.717 ms
Remote clock offset: -4.949 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.57 Mbit/s
95th percentile per-packet one-way delay: 35.410 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 13.57 Mbit/s
95th percentile per-packet one-way delay: 35.410 ms
Loss rate: 0.29%
```

Run 8: Report of KohoCC — Data Link

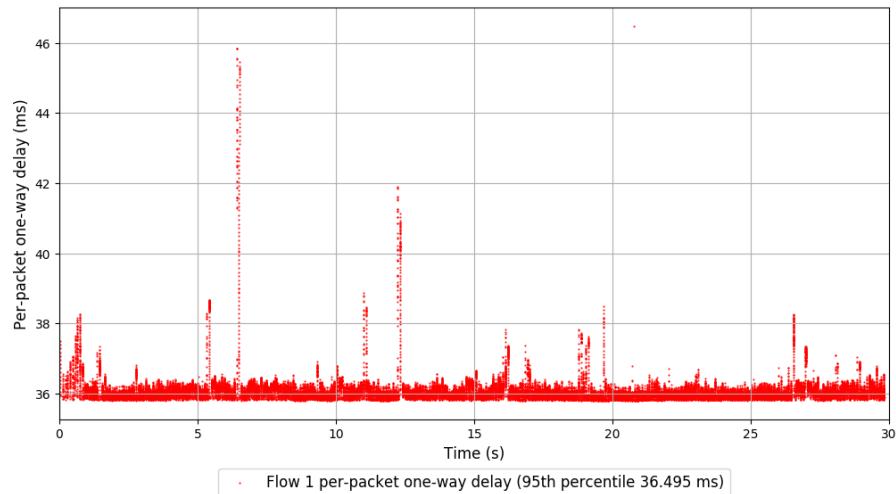
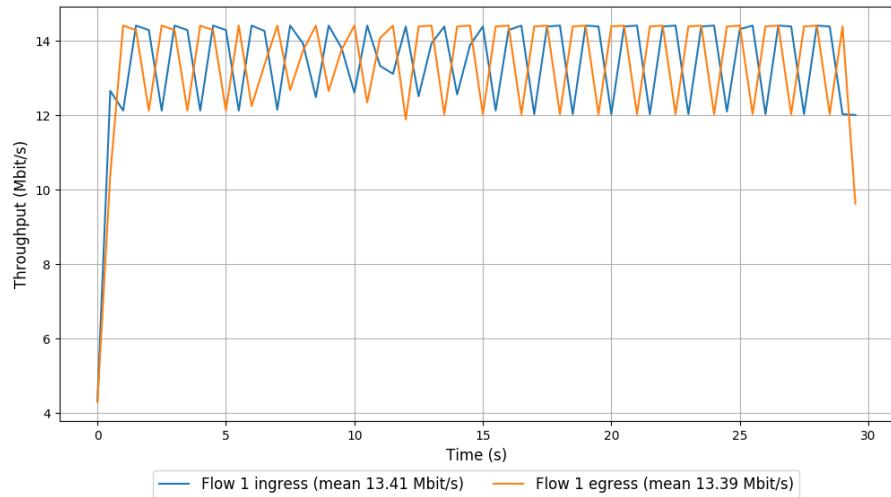


Run 9: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 13:20:15 +0000
End at: Wed, 05 Jul 2017 13:20:45 +0000
Local clock offset: 0.686 ms
Remote clock offset: -3.316 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 36.495 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 36.495 ms
Loss rate: 0.42%
```

Run 9: Report of KohoCC — Data Link

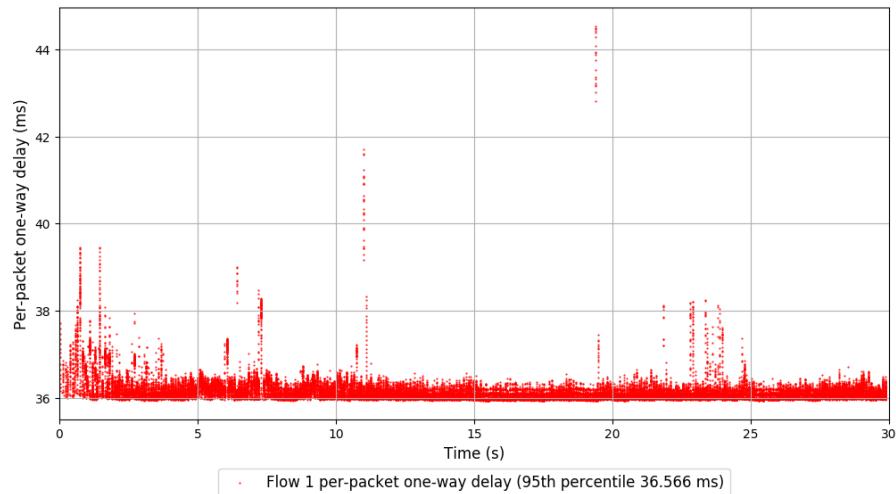
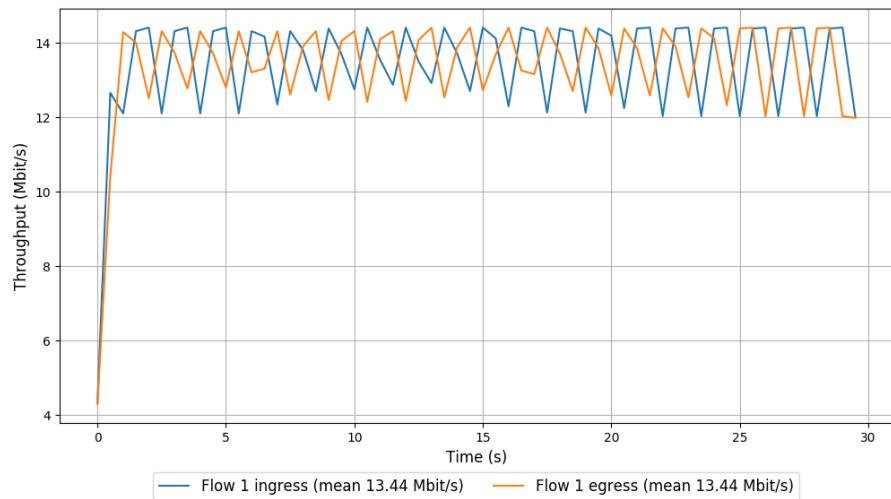


Run 10: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 13:39:59 +0000
End at: Wed, 05 Jul 2017 13:40:29 +0000
Local clock offset: 0.572 ms
Remote clock offset: -2.724 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.566 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.566 ms
Loss rate: 0.30%
```

Run 10: Report of KohoCC — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:40:39 +0000
```

```
End at: Wed, 05 Jul 2017 10:41:09 +0000
```

```
Local clock offset: 0.749 ms
```

```
Remote clock offset: -2.86 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.080 ms
```

```
Loss rate: 0.69%
```

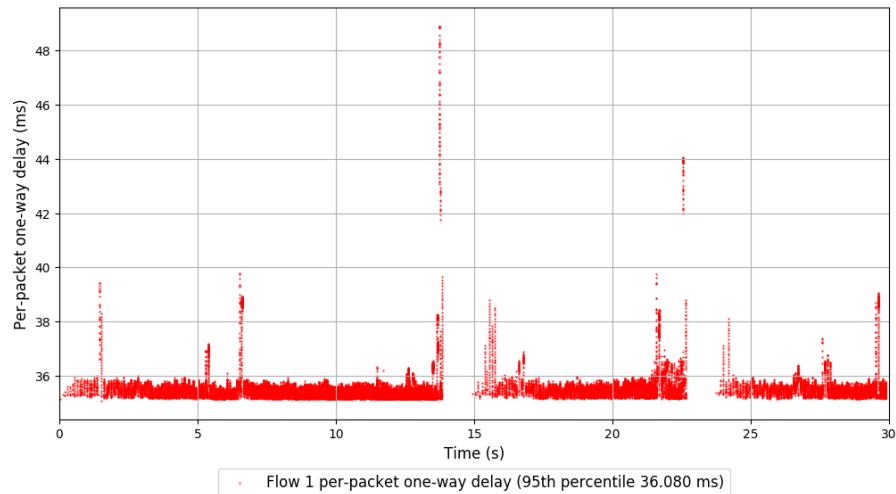
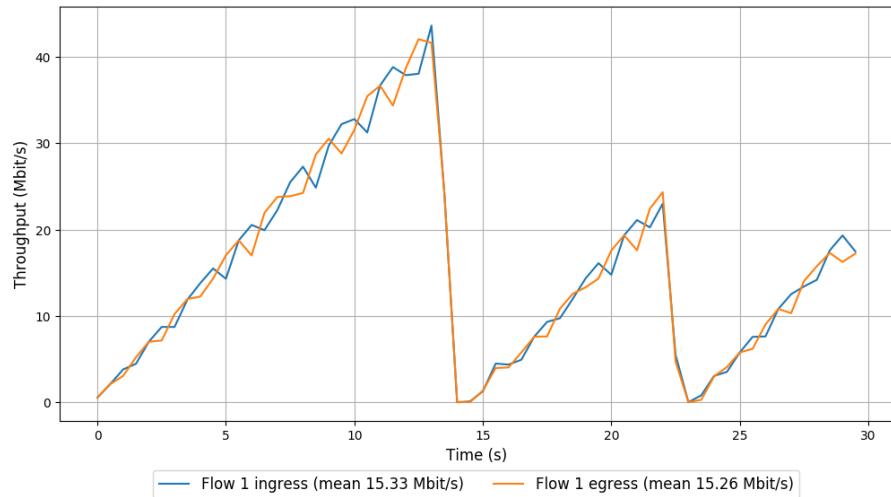
```
-- Flow 1:
```

```
Average throughput: 15.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.080 ms
```

```
Loss rate: 0.69%
```

Run 1: Report of LEDBAT — Data Link

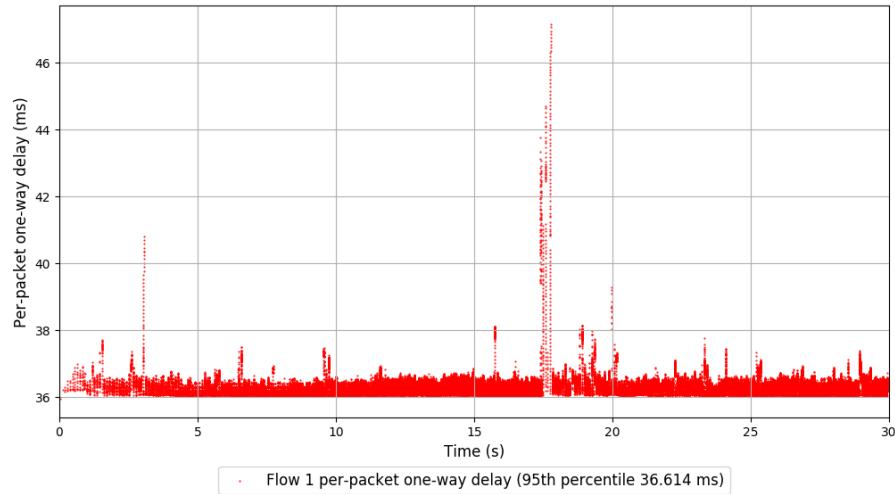
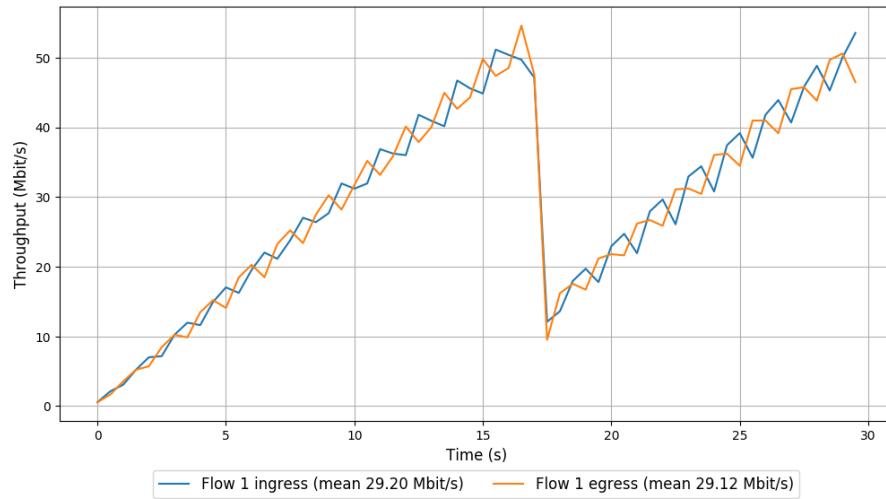


Run 2: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:00:21 +0000
End at: Wed, 05 Jul 2017 11:00:51 +0000
Local clock offset: 0.726 ms
Remote clock offset: -2.185 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 36.614 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 36.614 ms
Loss rate: 0.55%
```

Run 2: Report of LEDBAT — Data Link

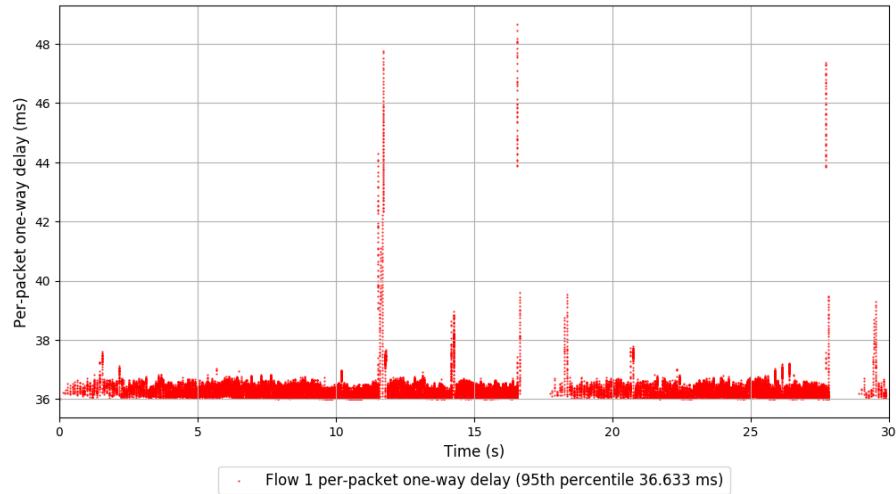
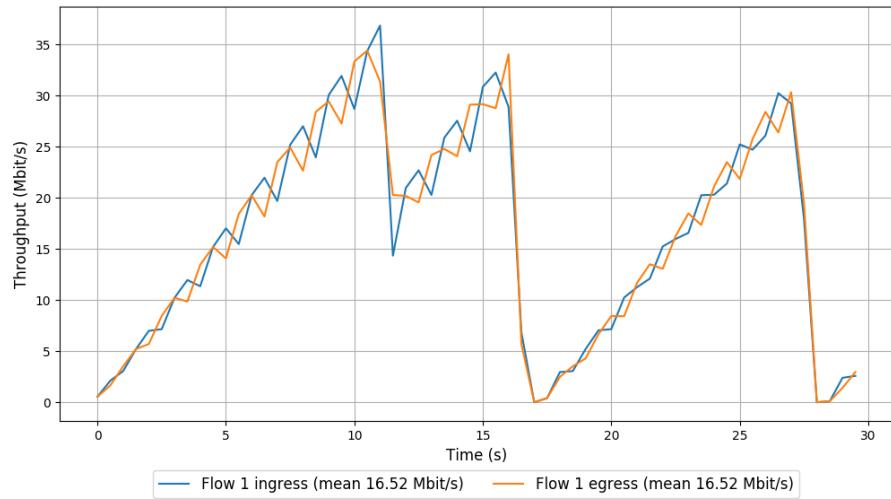


Run 3: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:20:06 +0000
End at: Wed, 05 Jul 2017 11:20:36 +0000
Local clock offset: 0.621 ms
Remote clock offset: -2.718 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.52 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 16.52 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 0.34%
```

Run 3: Report of LEDBAT — Data Link

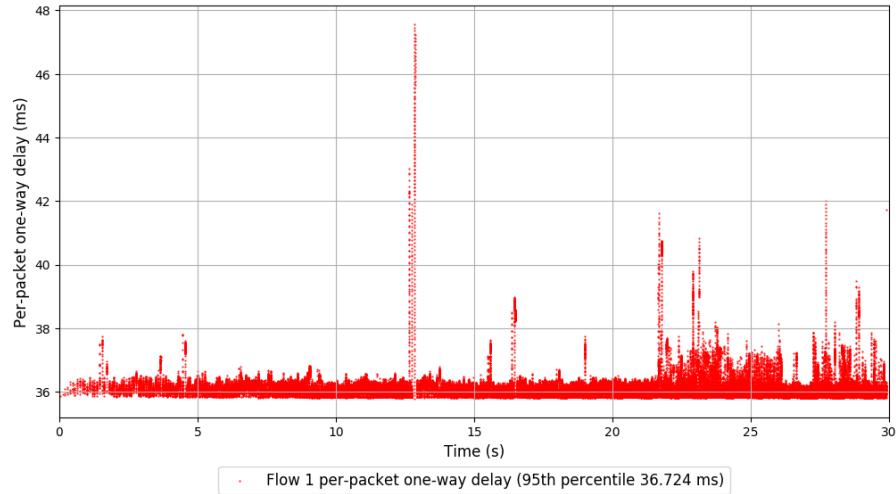
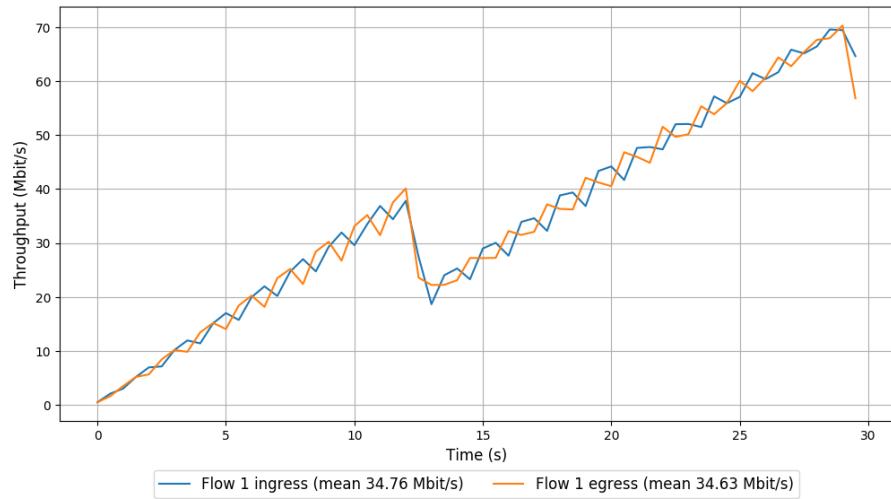


Run 4: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:39:38 +0000
End at: Wed, 05 Jul 2017 11:40:08 +0000
Local clock offset: 0.628 ms
Remote clock offset: -2.757 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 36.724 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 36.724 ms
Loss rate: 0.62%
```

Run 4: Report of LEDBAT — Data Link

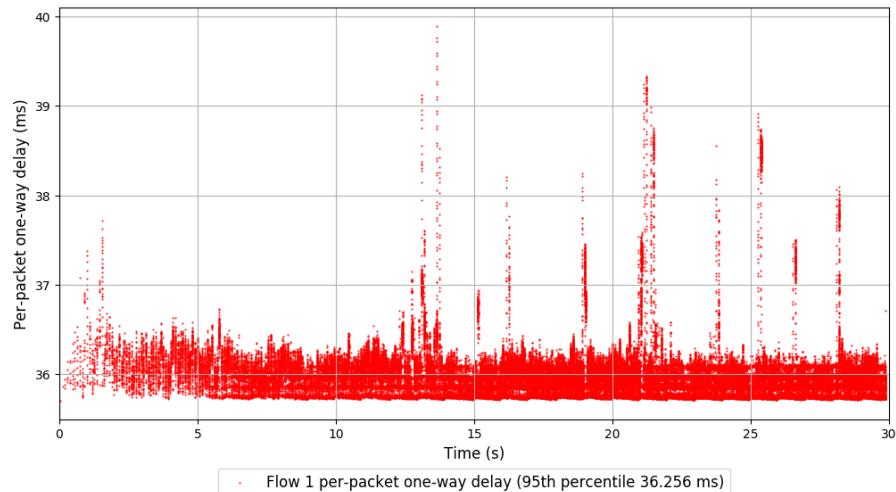
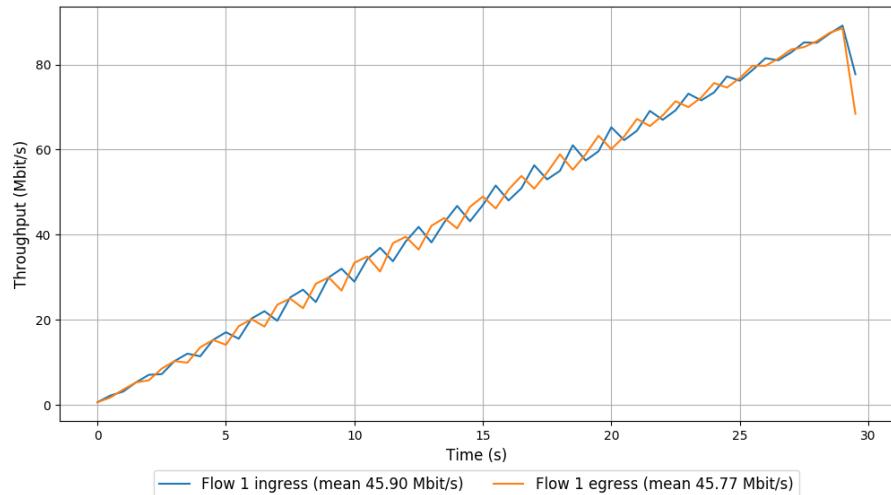


Run 5: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:59:16 +0000
End at: Wed, 05 Jul 2017 11:59:46 +0000
Local clock offset: 0.615 ms
Remote clock offset: -2.807 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 36.256 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 36.256 ms
Loss rate: 0.58%
```

Run 5: Report of LEDBAT — Data Link

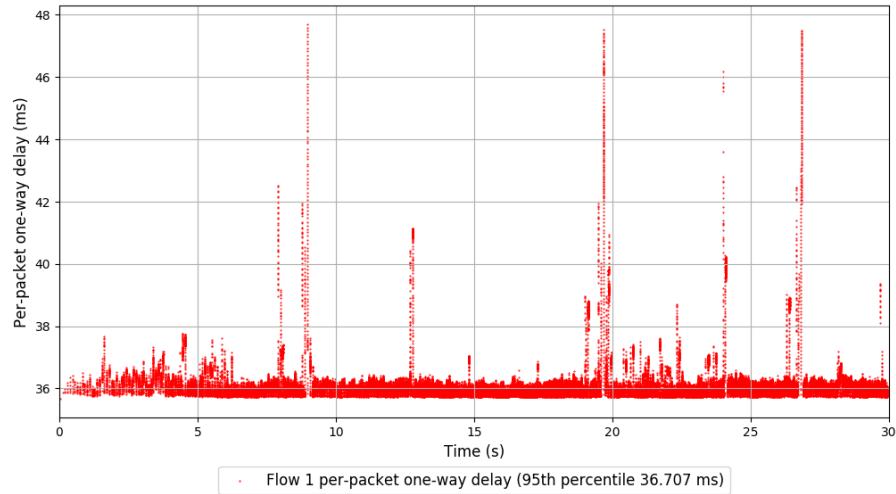
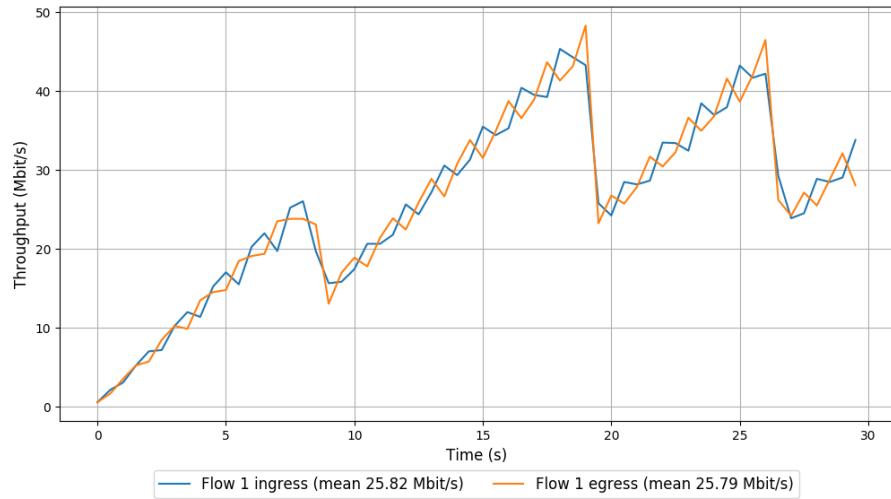


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:18:57 +0000
End at: Wed, 05 Jul 2017 12:19:27 +0000
Local clock offset: 0.701 ms
Remote clock offset: -3.252 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.79 Mbit/s
95th percentile per-packet one-way delay: 36.707 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 25.79 Mbit/s
95th percentile per-packet one-way delay: 36.707 ms
Loss rate: 0.40%
```

Run 6: Report of LEDBAT — Data Link

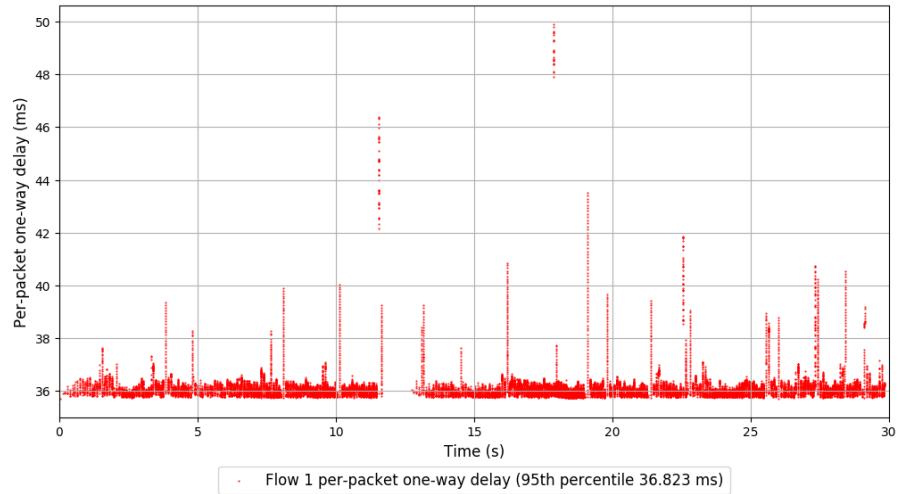
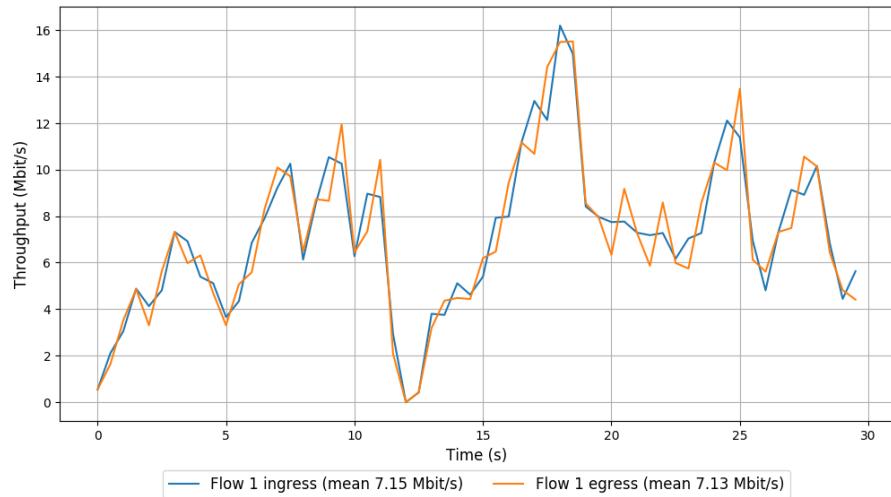


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:38:32 +0000
End at: Wed, 05 Jul 2017 12:39:02 +0000
Local clock offset: 0.629 ms
Remote clock offset: -2.978 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 36.823 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 36.823 ms
Loss rate: 0.61%
```

Run 7: Report of LEDBAT — Data Link

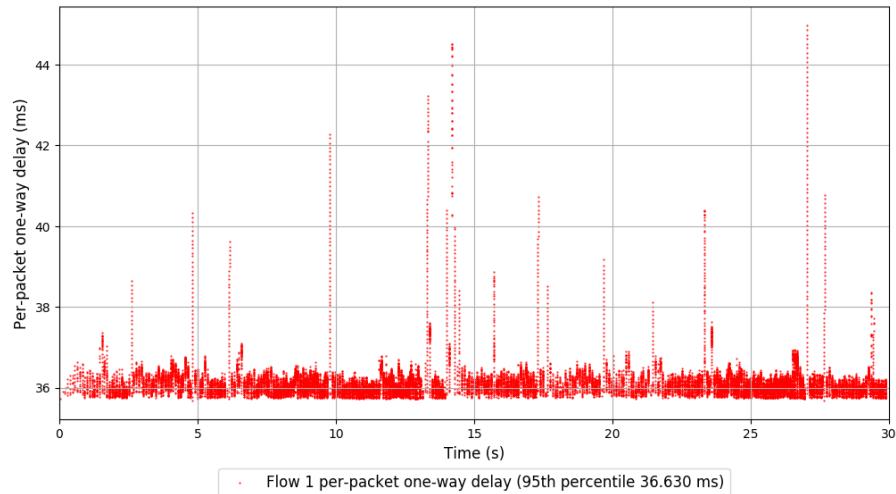
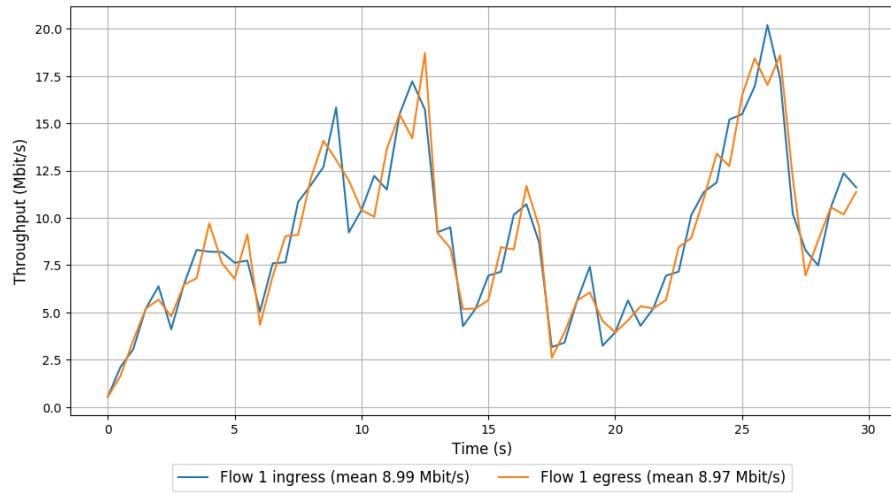


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:58:10 +0000
End at: Wed, 05 Jul 2017 12:58:40 +0000
Local clock offset: 0.723 ms
Remote clock offset: -4.963 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 36.630 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 36.630 ms
Loss rate: 0.54%
```

Run 8: Report of LEDBAT — Data Link

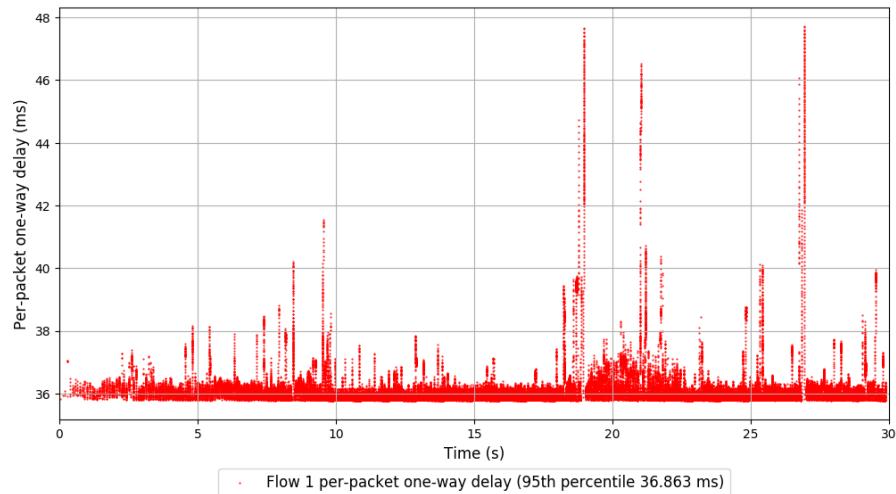
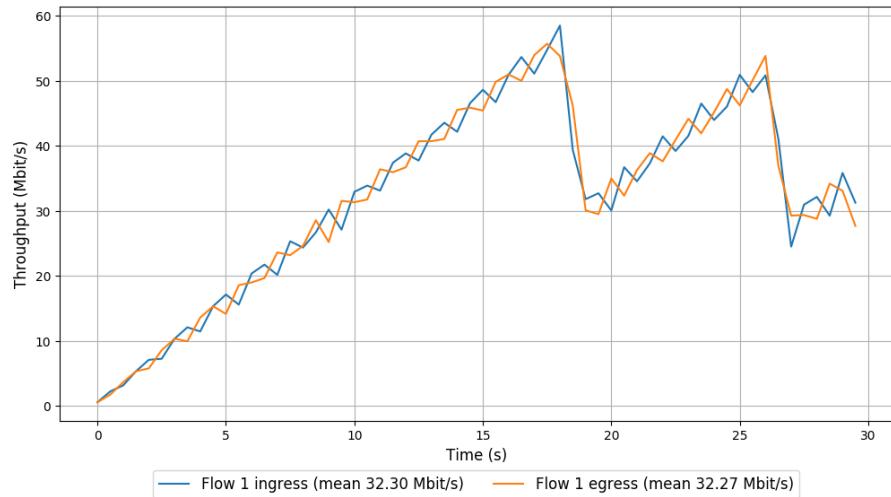


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 13:17:41 +0000
End at: Wed, 05 Jul 2017 13:18:11 +0000
Local clock offset: 0.675 ms
Remote clock offset: -4.887 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 36.863 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 36.863 ms
Loss rate: 0.37%
```

Run 9: Report of LEDBAT — Data Link

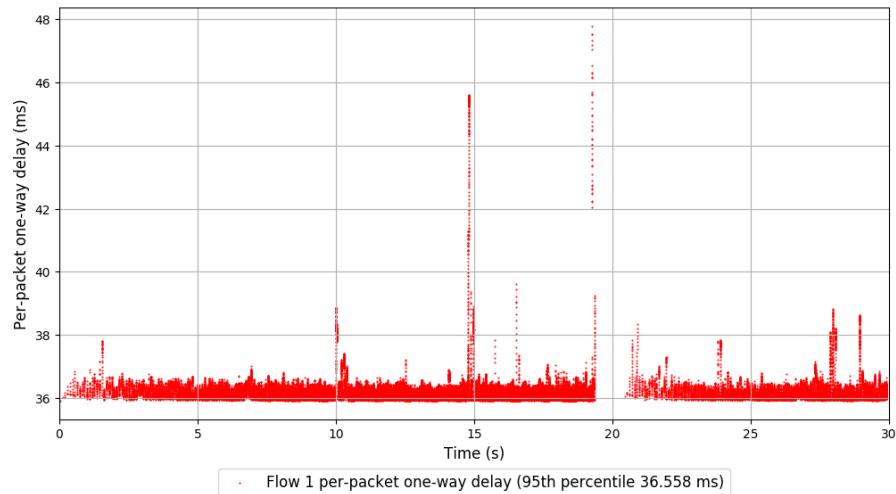
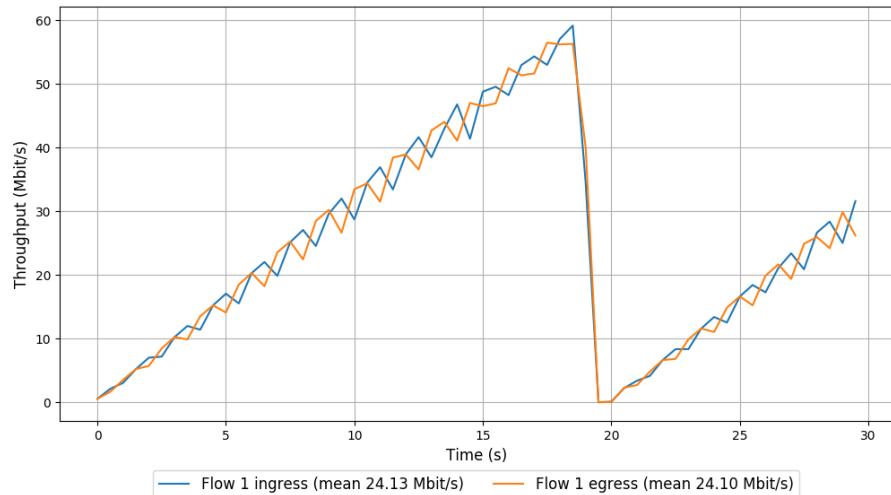


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 13:37:25 +0000
End at: Wed, 05 Jul 2017 13:37:55 +0000
Local clock offset: 0.668 ms
Remote clock offset: -5.259 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 36.558 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 36.558 ms
Loss rate: 0.43%
```

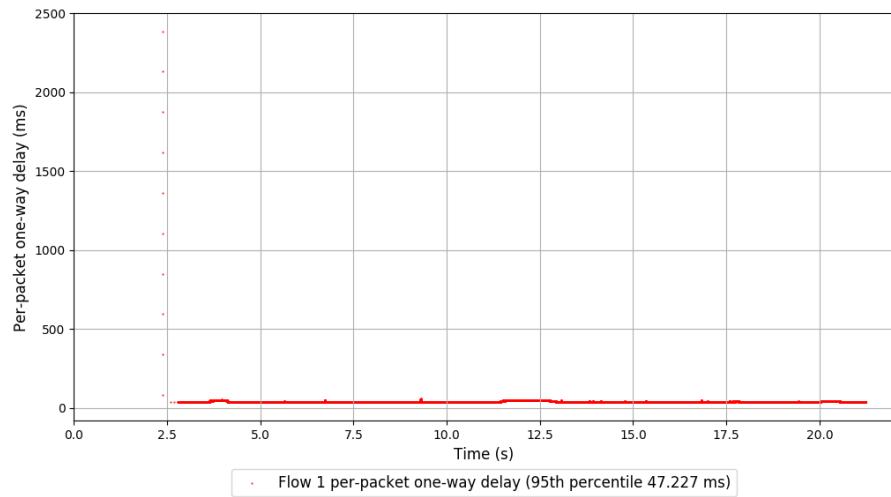
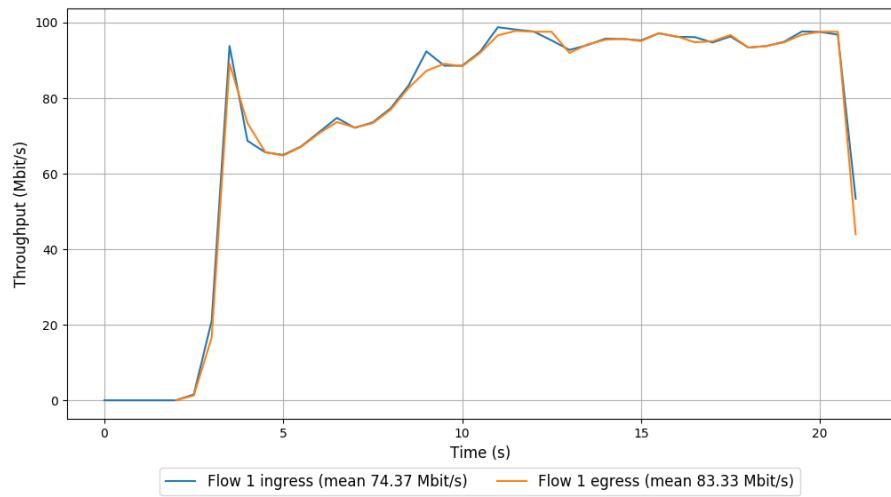
Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Wed, 05 Jul 2017 10:36:36 +0000
End at: Wed, 05 Jul 2017 10:37:06 +0000
Local clock offset: 0.648 ms
Remote clock offset: -2.114 ms

Run 1: Report of PCC — Data Link

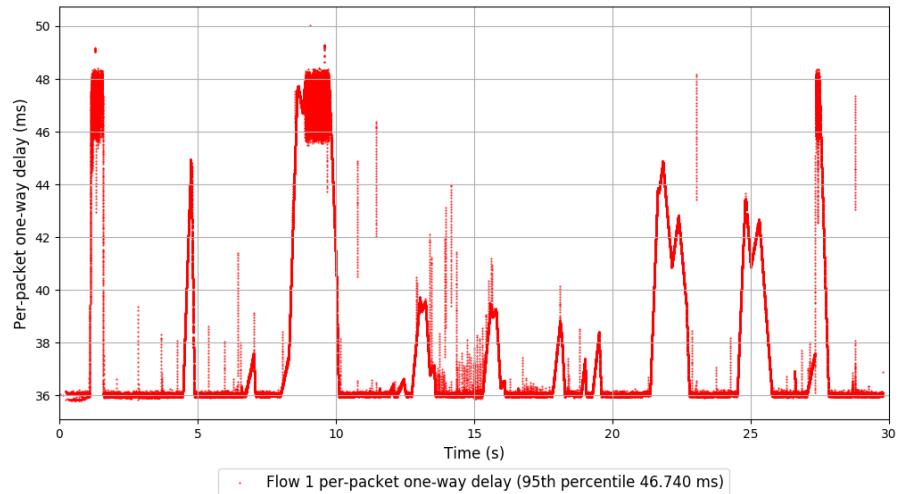
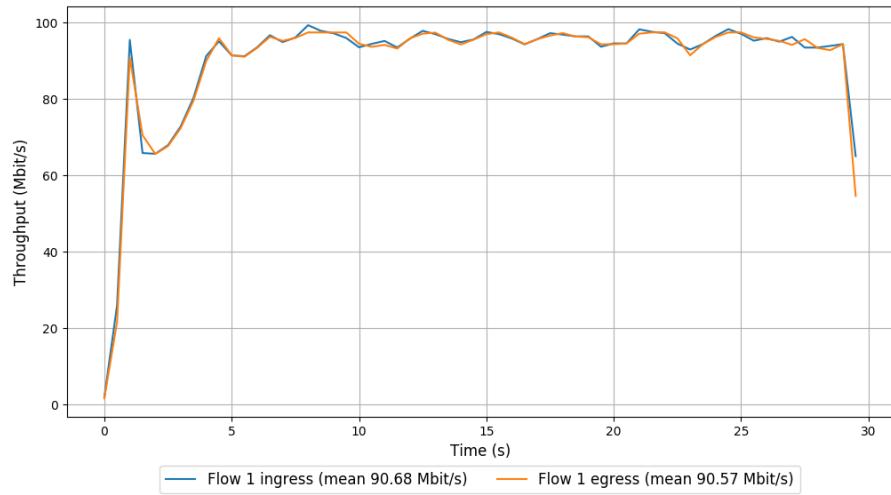


Run 2: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:56:17 +0000
End at: Wed, 05 Jul 2017 10:56:47 +0000
Local clock offset: 0.722 ms
Remote clock offset: -2.994 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 46.740 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 46.740 ms
Loss rate: 0.42%
```

Run 2: Report of PCC — Data Link

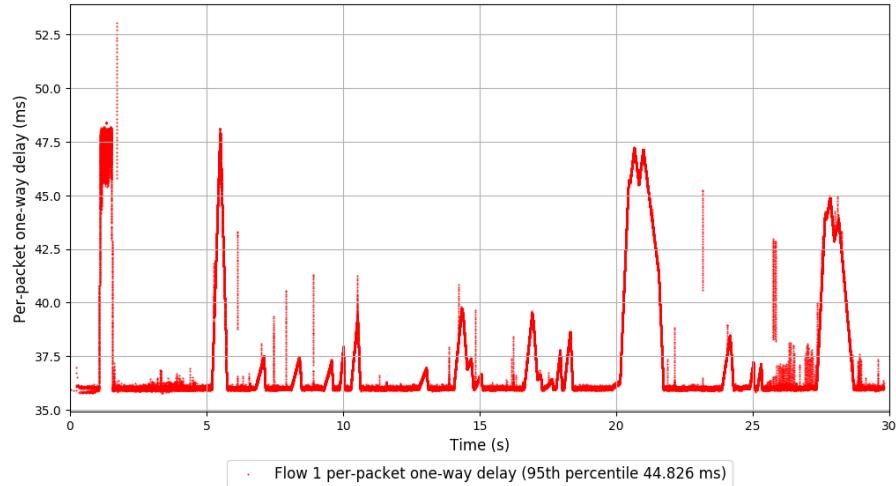
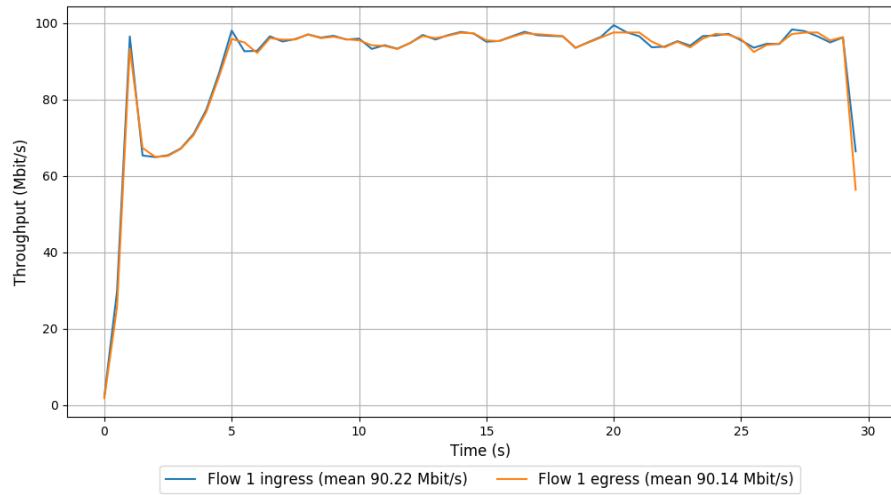


Run 3: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:16:02 +0000
End at: Wed, 05 Jul 2017 11:16:32 +0000
Local clock offset: 0.693 ms
Remote clock offset: -2.126 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 44.826 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 44.826 ms
Loss rate: 0.38%
```

Run 3: Report of PCC — Data Link

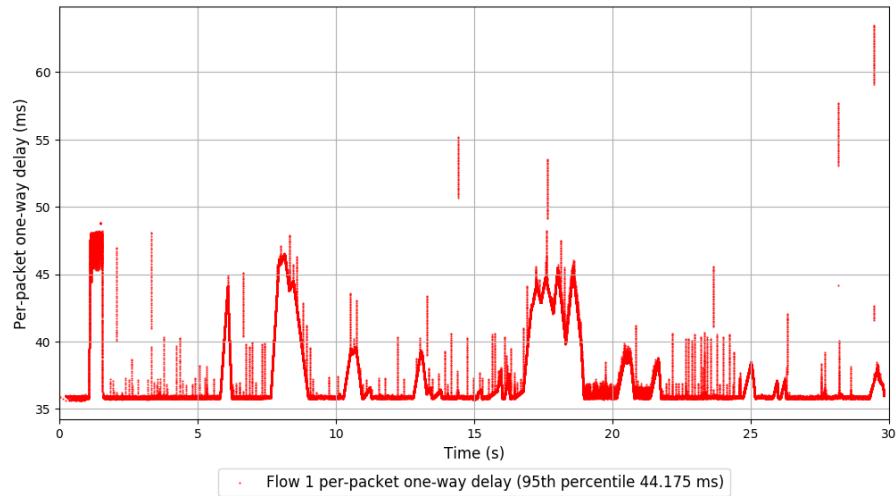
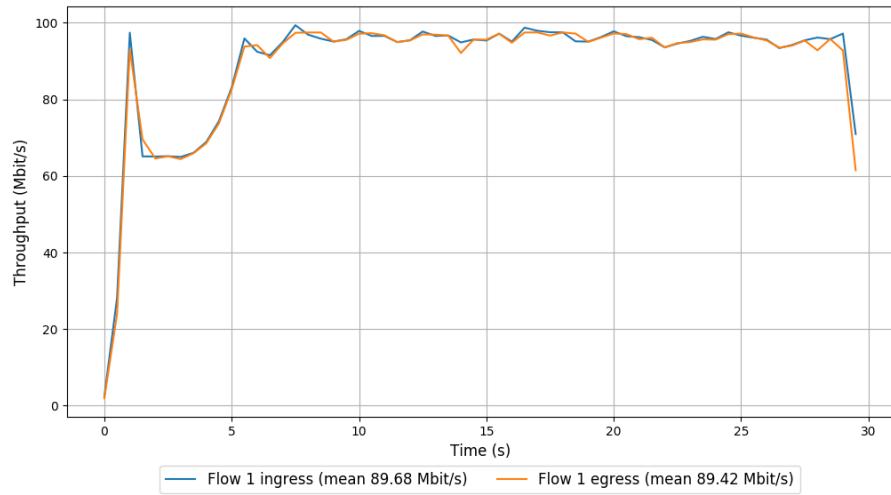


Run 4: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:35:42 +0000
End at: Wed, 05 Jul 2017 11:36:12 +0000
Local clock offset: 0.721 ms
Remote clock offset: -4.776 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 44.175 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 44.175 ms
Loss rate: 0.58%
```

Run 4: Report of PCC — Data Link

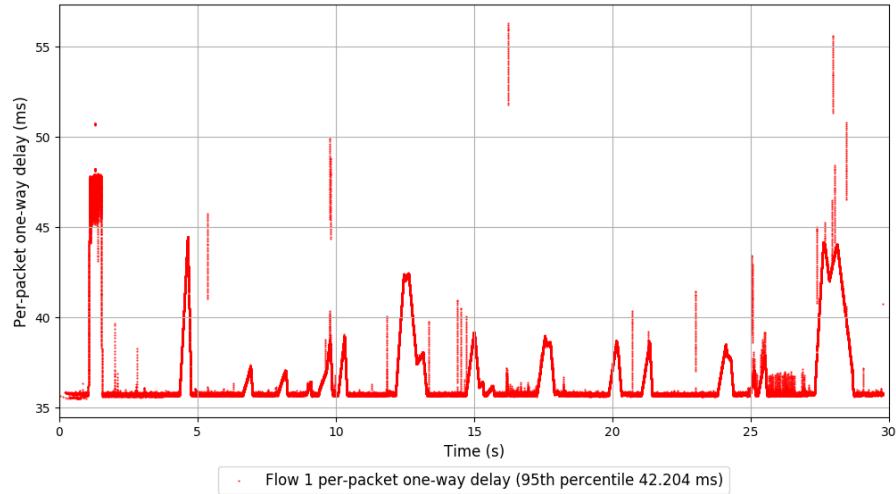
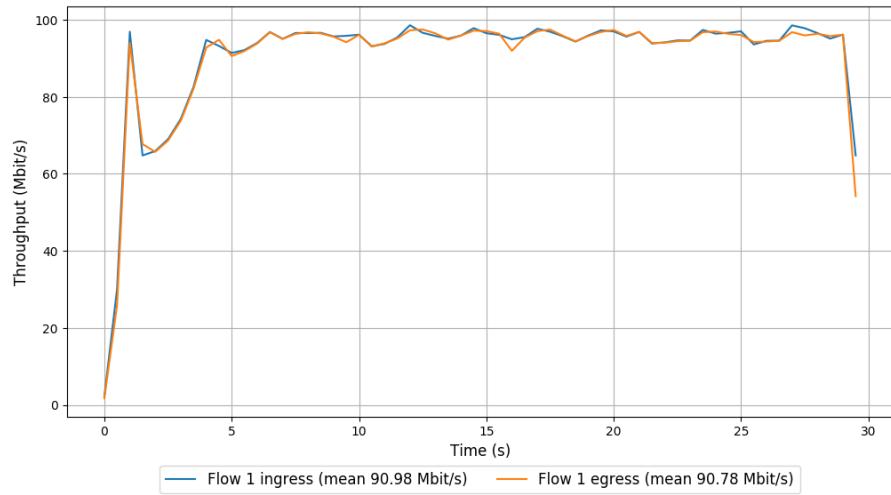


Run 5: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:55:12 +0000
End at: Wed, 05 Jul 2017 11:55:42 +0000
Local clock offset: 0.612 ms
Remote clock offset: -5.024 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:25:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 42.204 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 42.204 ms
Loss rate: 0.51%
```

Run 5: Report of PCC — Data Link

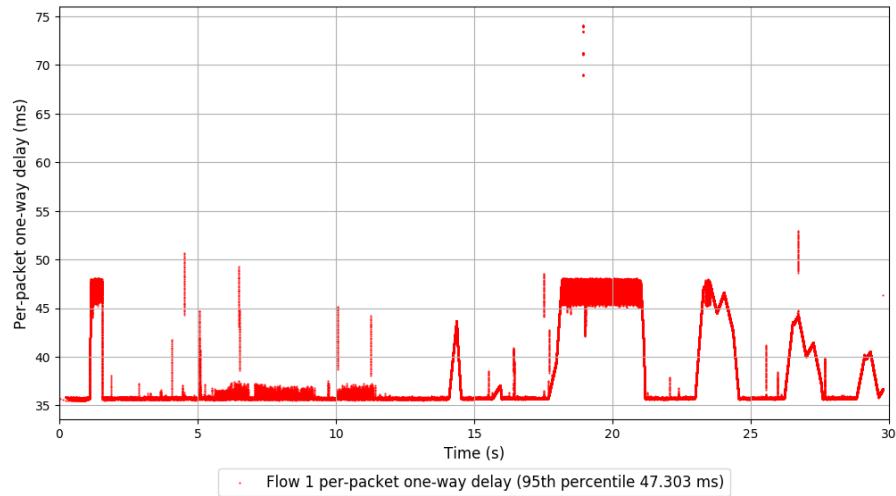
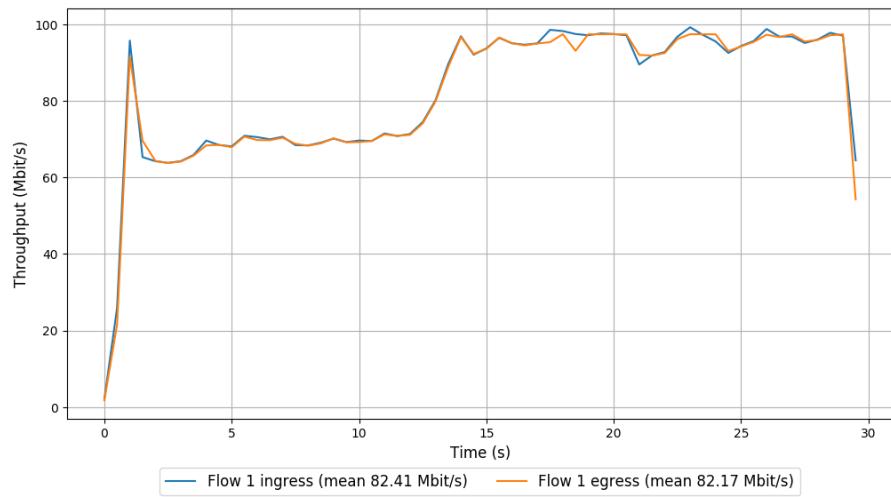


Run 6: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:14:54 +0000
End at: Wed, 05 Jul 2017 12:15:24 +0000
Local clock offset: 0.646 ms
Remote clock offset: -2.868 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.17 Mbit/s
95th percentile per-packet one-way delay: 47.303 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 82.17 Mbit/s
95th percentile per-packet one-way delay: 47.303 ms
Loss rate: 0.56%
```

Run 6: Report of PCC — Data Link

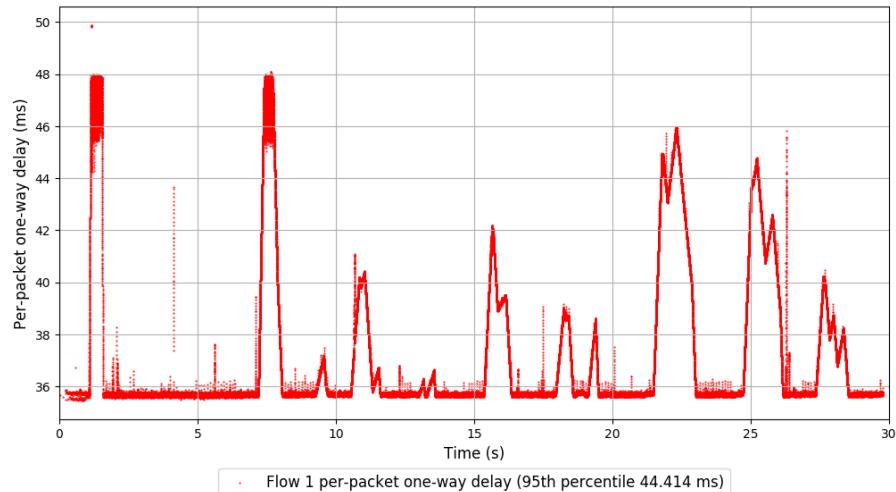
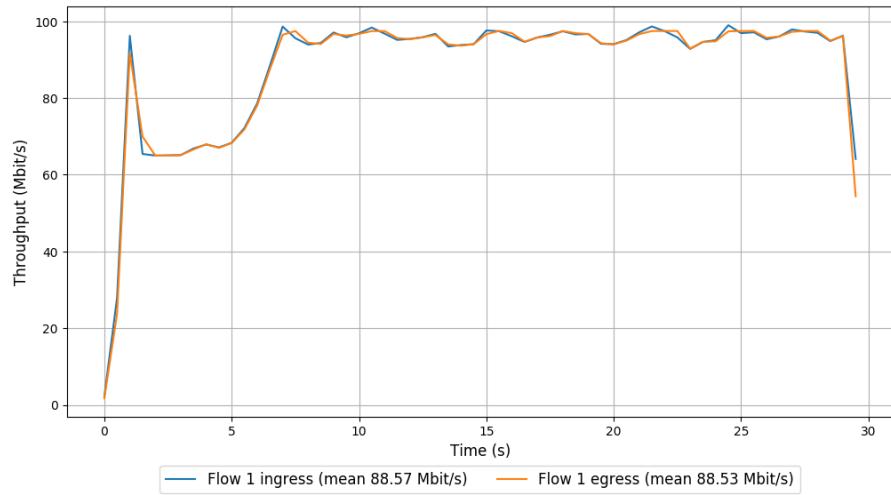


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:34:29 +0000
End at: Wed, 05 Jul 2017 12:34:59 +0000
Local clock offset: 0.63 ms
Remote clock offset: -2.912 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 44.414 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 44.414 ms
Loss rate: 0.32%
```

Run 7: Report of PCC — Data Link

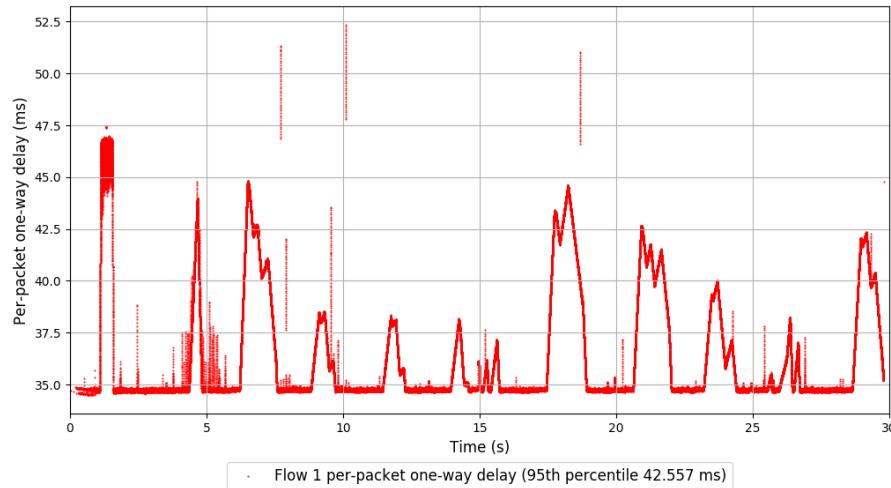
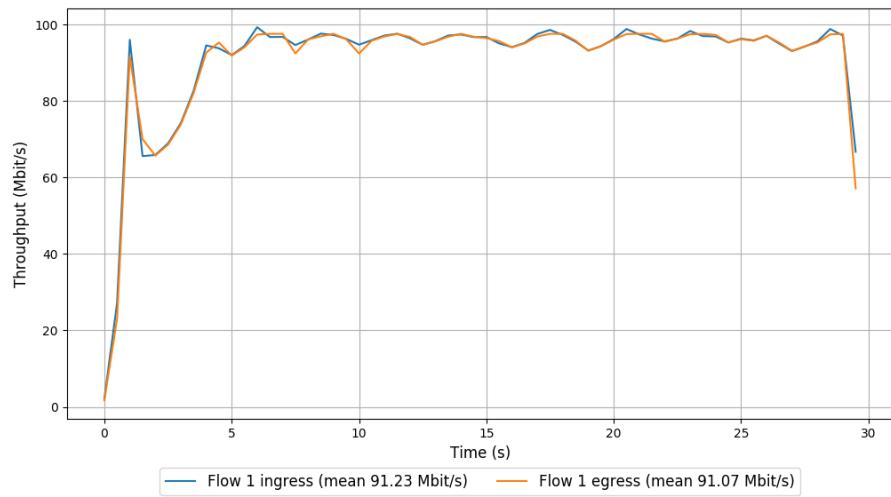


Run 8: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:54:05 +0000
End at: Wed, 05 Jul 2017 12:54:35 +0000
Local clock offset: 0.728 ms
Remote clock offset: -5.03 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.44%
```

Run 8: Report of PCC — Data Link

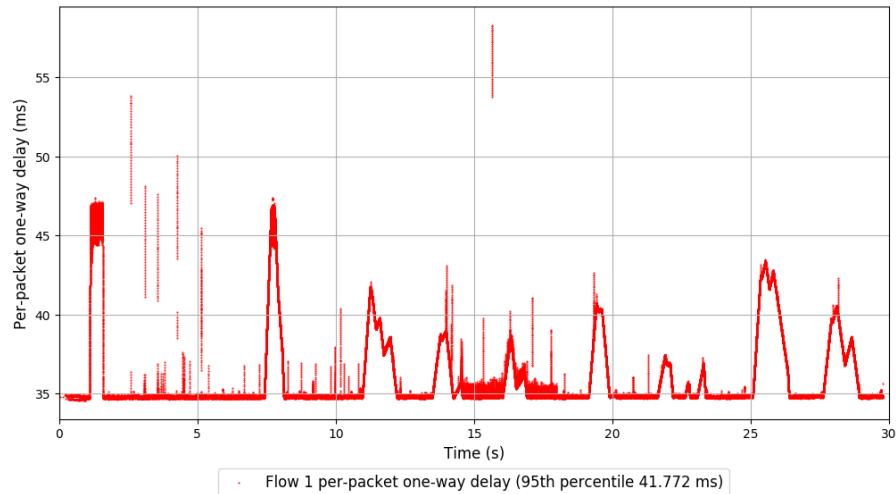
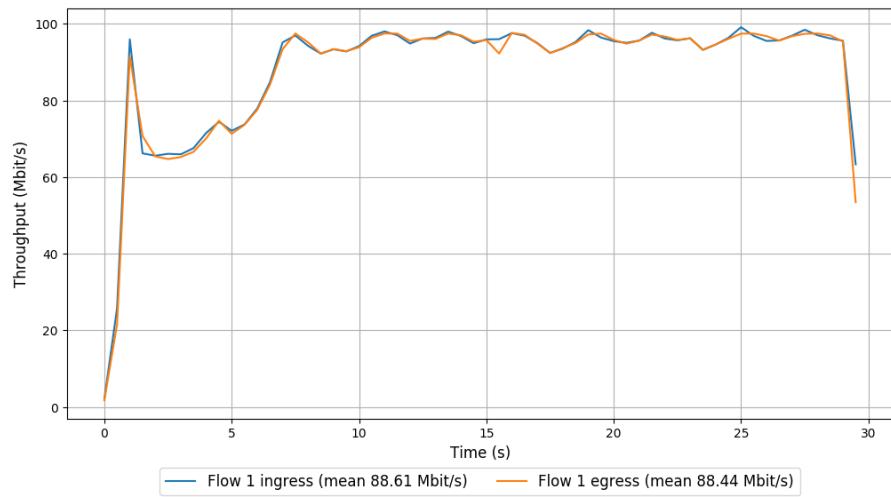


Run 9: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 13:13:45 +0000
End at: Wed, 05 Jul 2017 13:14:15 +0000
Local clock offset: 0.609 ms
Remote clock offset: -5.275 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 41.772 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 41.772 ms
Loss rate: 0.48%
```

Run 9: Report of PCC — Data Link

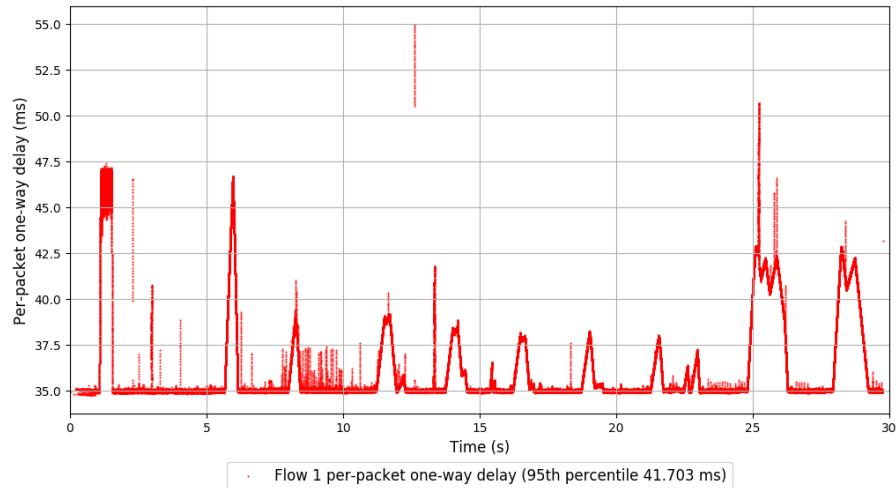
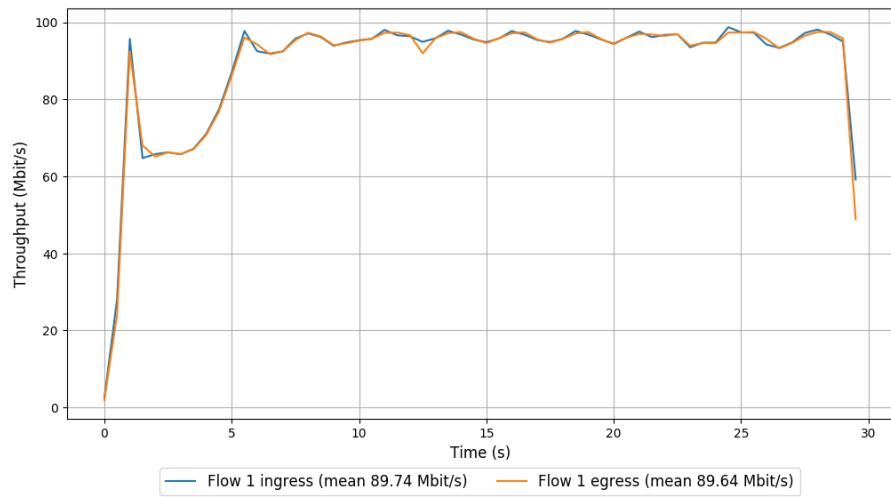


Run 10: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 13:33:22 +0000
End at: Wed, 05 Jul 2017 13:33:52 +0000
Local clock offset: 0.677 ms
Remote clock offset: -2.698 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 41.703 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 41.703 ms
Loss rate: 0.38%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:45:52 +0000
End at: Wed, 05 Jul 2017 10:46:22 +0000
Local clock offset: 0.748 ms
Remote clock offset: -2.927 ms

Run 1: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:05:37 +0000
End at: Wed, 05 Jul 2017 11:06:07 +0000
Local clock offset: 0.616 ms
Remote clock offset: -5.081 ms

Run 2: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:25:20 +0000
End at: Wed, 05 Jul 2017 11:25:50 +0000
Local clock offset: 0.708 ms
Remote clock offset: -2.995 ms

Run 3: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:44:51 +0000
End at: Wed, 05 Jul 2017 11:45:21 +0000
Local clock offset: 0.728 ms
Remote clock offset: -5.291 ms

Run 4: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:04:29 +0000
End at: Wed, 05 Jul 2017 12:04:59 +0000
Local clock offset: 0.694 ms
Remote clock offset: -2.966 ms

Run 5: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:24:03 +0000
End at: Wed, 05 Jul 2017 12:24:33 +0000
Local clock offset: 0.651 ms
Remote clock offset: -5.325 ms

Run 6: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:43:44 +0000
End at: Wed, 05 Jul 2017 12:44:14 +0000
Local clock offset: 0.72 ms
Remote clock offset: -2.916 ms

Run 7: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 13:03:21 +0000
End at: Wed, 05 Jul 2017 13:03:51 +0000
Local clock offset: 0.642 ms
Remote clock offset: -2.899 ms

Run 8: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 13:22:54 +0000
End at: Wed, 05 Jul 2017 13:23:24 +0000
Local clock offset: 0.683 ms
Remote clock offset: -4.959 ms

Run 9: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 13:42:39 +0000

End at: Wed, 05 Jul 2017 13:43:09 +0000

Local clock offset: 0.571 ms

Remote clock offset: -2.73 ms

Run 10: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

```
Run 1: Statistics of Saturator
```

```
Start at: Wed, 05 Jul 2017 10:34:02 +0000
```

```
End at: Wed, 05 Jul 2017 10:34:32 +0000
```

```
Local clock offset: 0.75 ms
```

```
Remote clock offset: -2.0 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 27.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.603 ms
```

```
Loss rate: 0.37%
```

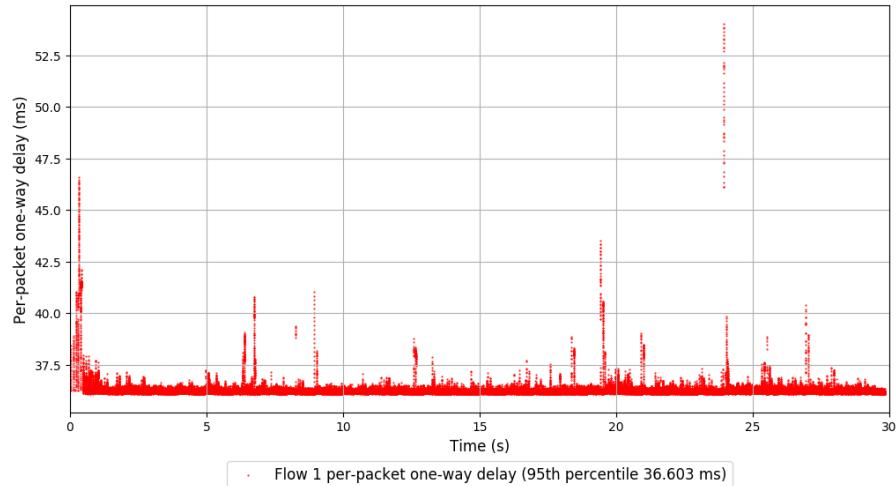
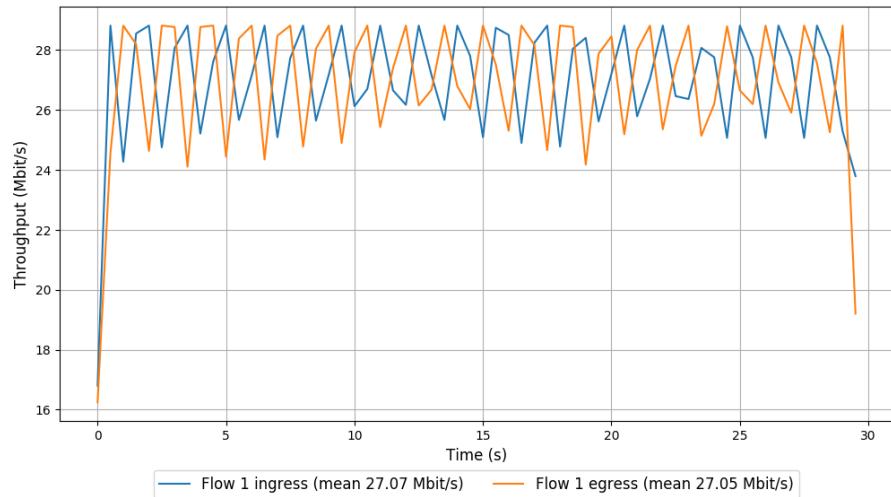
```
-- Flow 1:
```

```
Average throughput: 27.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.603 ms
```

```
Loss rate: 0.37%
```

Run 1: Report of Saturator — Data Link

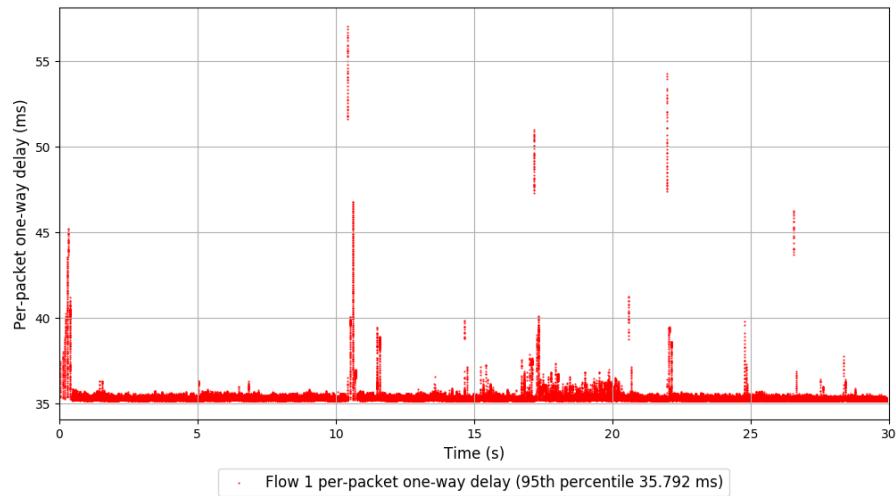
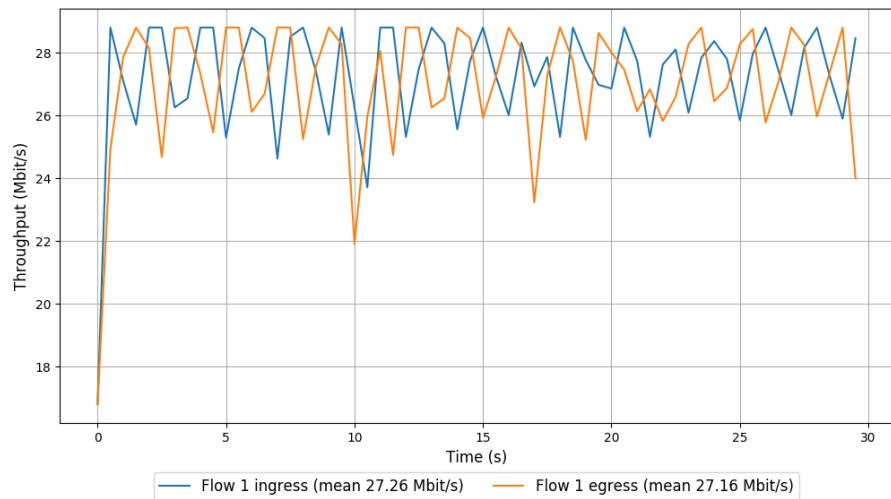


Run 2: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 10:53:43 +0000
End at: Wed, 05 Jul 2017 10:54:13 +0000
Local clock offset: 0.646 ms
Remote clock offset: -2.535 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 35.792 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 35.792 ms
Loss rate: 0.67%
```

Run 2: Report of Saturator — Data Link

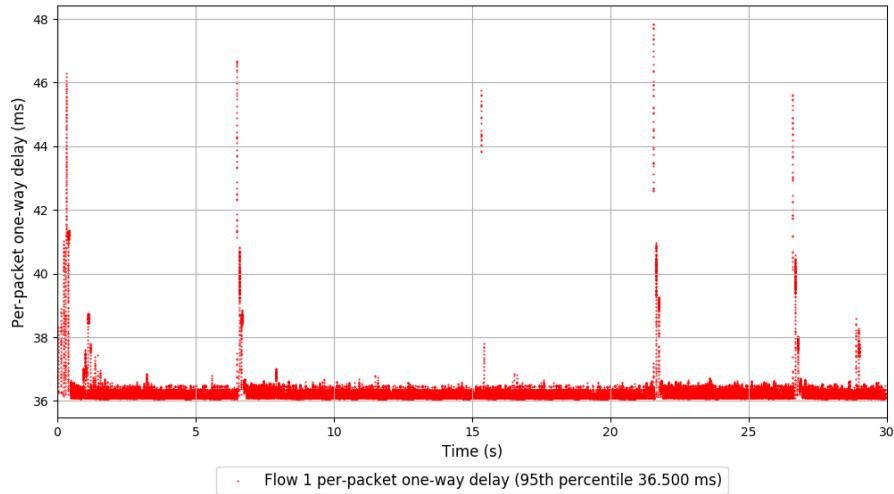
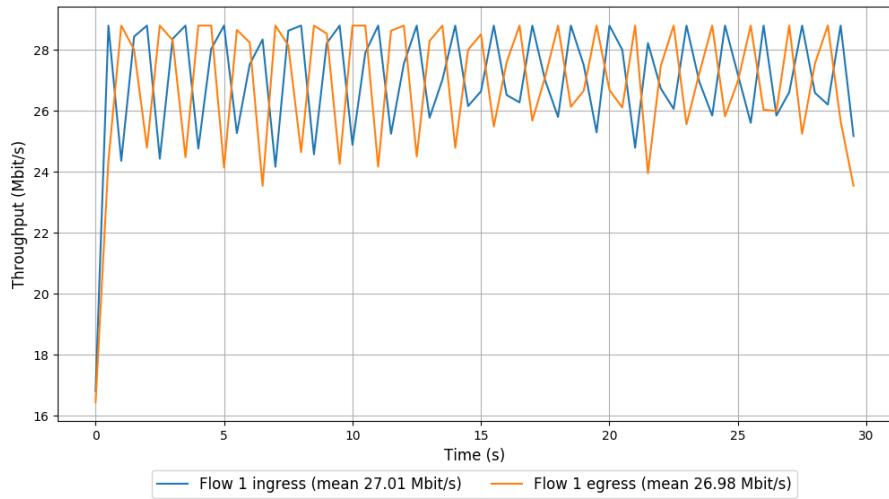


Run 3: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:13:28 +0000
End at: Wed, 05 Jul 2017 11:13:58 +0000
Local clock offset: 0.733 ms
Remote clock offset: -4.651 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 36.500 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 36.500 ms
Loss rate: 0.40%
```

Run 3: Report of Saturator — Data Link

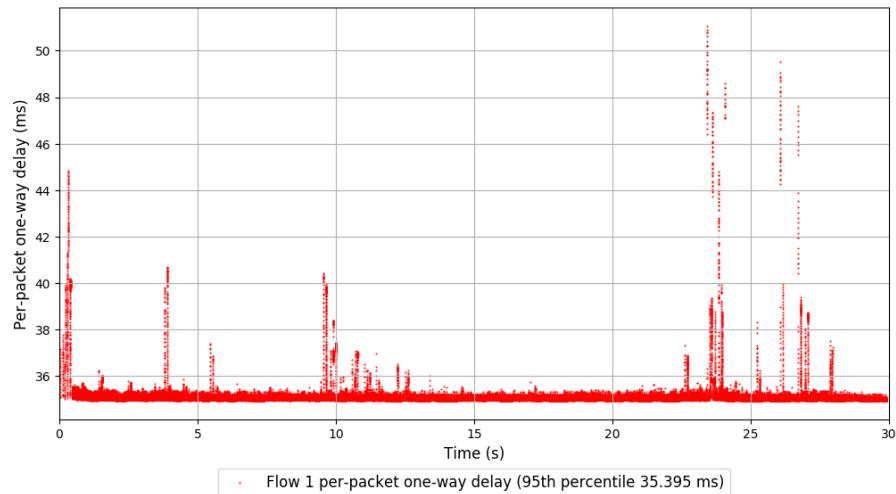
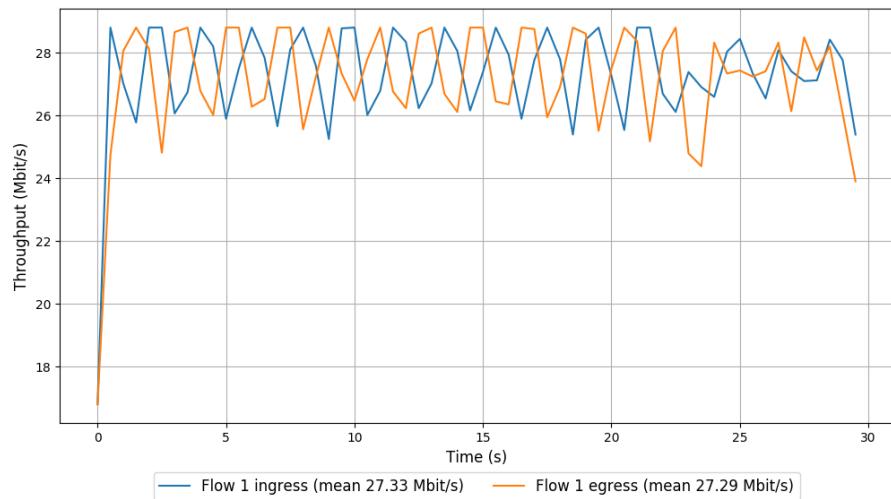


Run 4: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:33:08 +0000
End at: Wed, 05 Jul 2017 11:33:38 +0000
Local clock offset: 0.641 ms
Remote clock offset: -2.272 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 35.395 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 35.395 ms
Loss rate: 0.43%
```

Run 4: Report of Saturator — Data Link

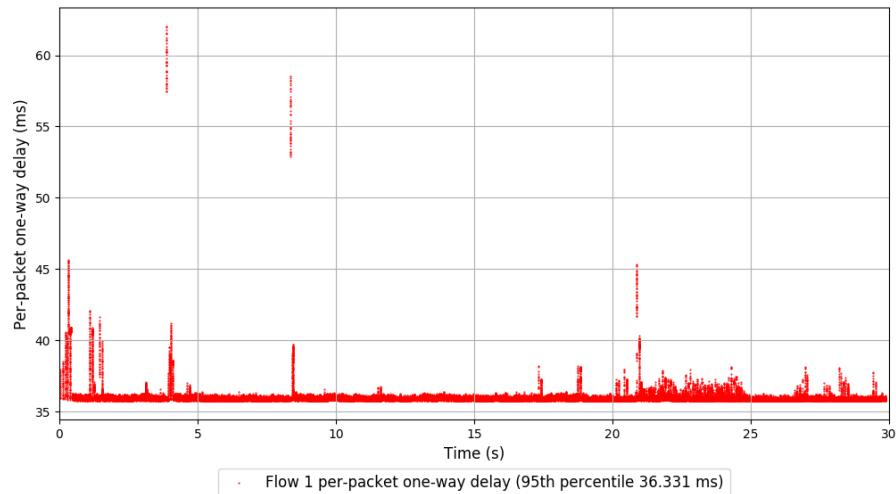
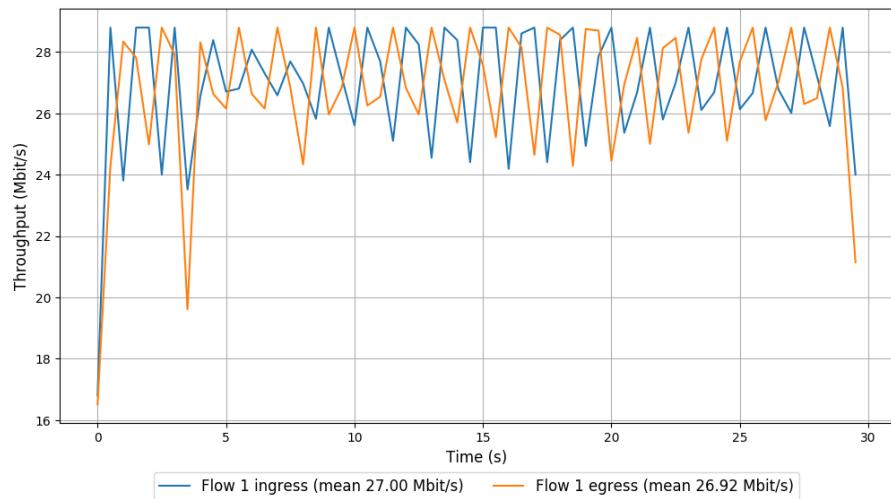


Run 5: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:52:39 +0000
End at: Wed, 05 Jul 2017 11:53:09 +0000
Local clock offset: 0.737 ms
Remote clock offset: -5.339 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 36.331 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 36.331 ms
Loss rate: 0.62%
```

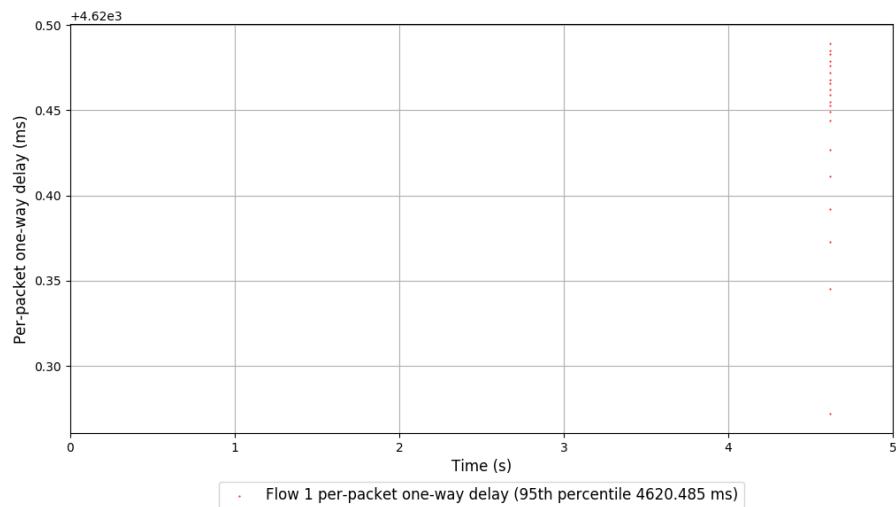
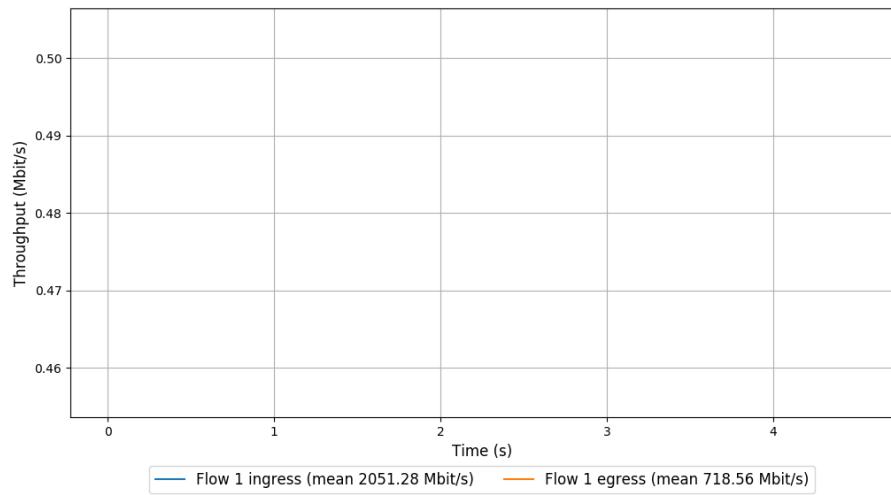
Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Wed, 05 Jul 2017 12:12:23 +0000
End at: Wed, 05 Jul 2017 12:12:53 +0000
Local clock offset: 0.713 ms
Remote clock offset: -3.343 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

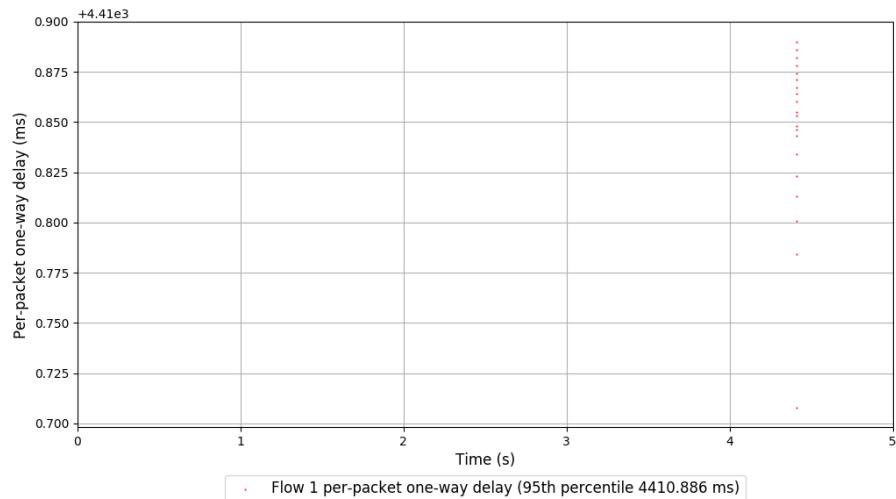
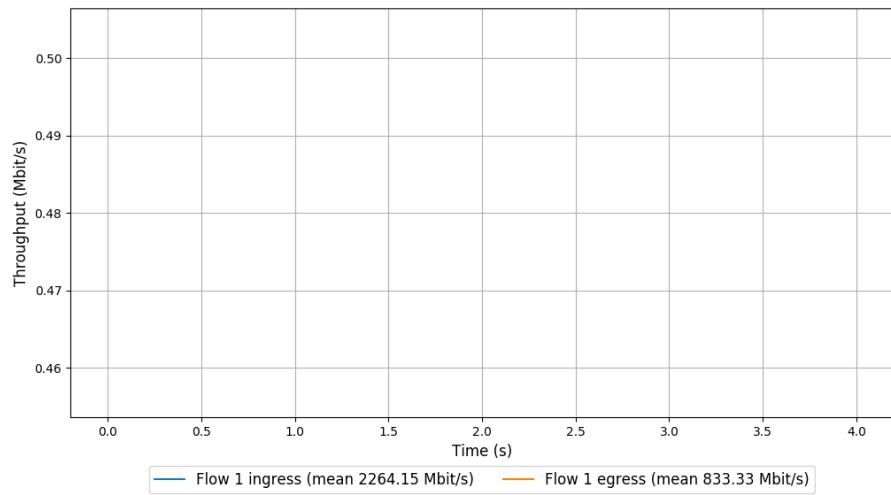
Start at: Wed, 05 Jul 2017 12:31:57 +0000

End at: Wed, 05 Jul 2017 12:32:27 +0000

Local clock offset: 0.747 ms

Remote clock offset: -5.342 ms

Run 7: Report of Saturator — Data Link

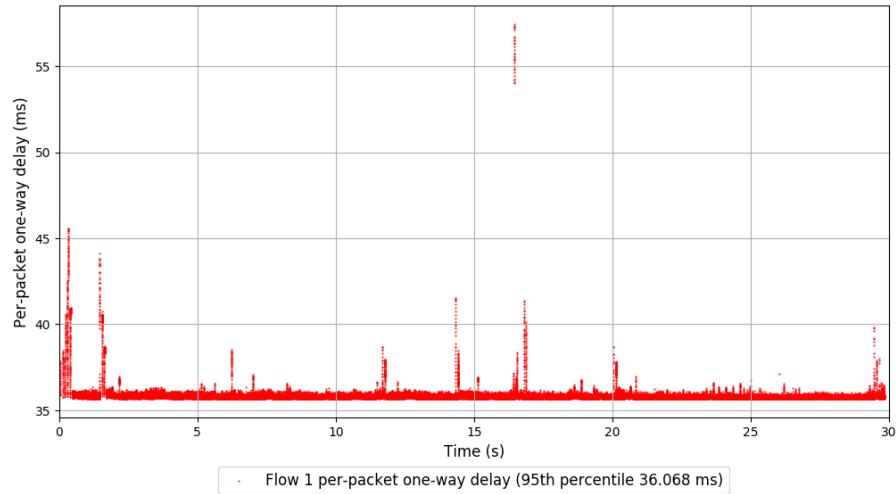
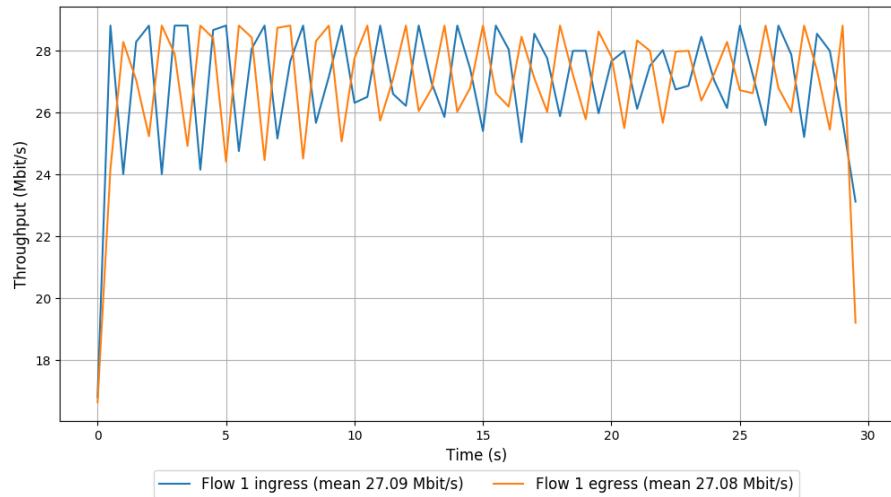


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 12:51:30 +0000
End at: Wed, 05 Jul 2017 12:52:00 +0000
Local clock offset: 0.715 ms
Remote clock offset: -2.909 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 36.068 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 36.068 ms
Loss rate: 0.33%
```

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Wed, 05 Jul 2017 13:11:11 +0000

End at: Wed, 05 Jul 2017 13:11:41 +0000

Local clock offset: 0.613 ms

Remote clock offset: -2.542 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:26:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.23 Mbit/s

95th percentile per-packet one-way delay: 35.500 ms

Loss rate: 0.40%

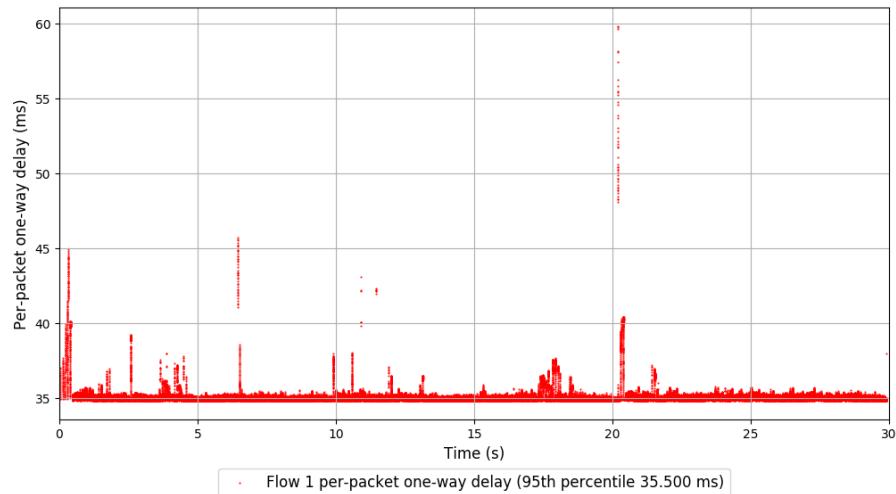
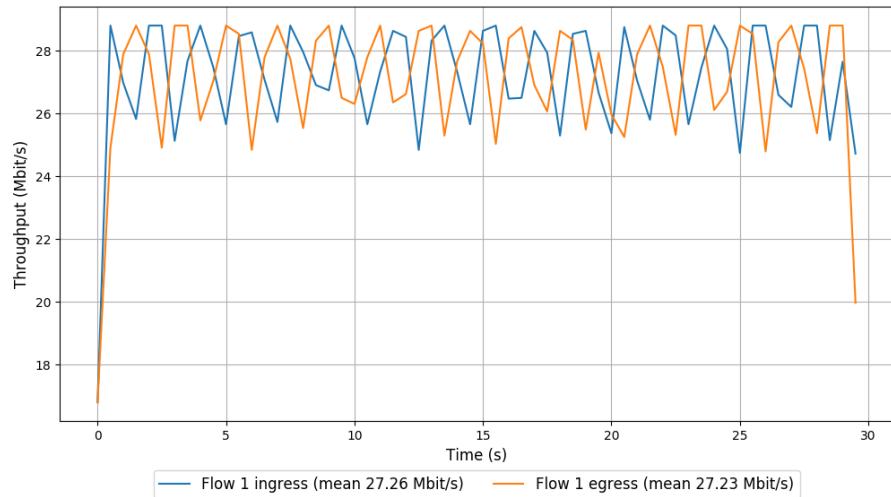
-- Flow 1:

Average throughput: 27.23 Mbit/s

95th percentile per-packet one-way delay: 35.500 ms

Loss rate: 0.40%

Run 9: Report of Saturator — Data Link

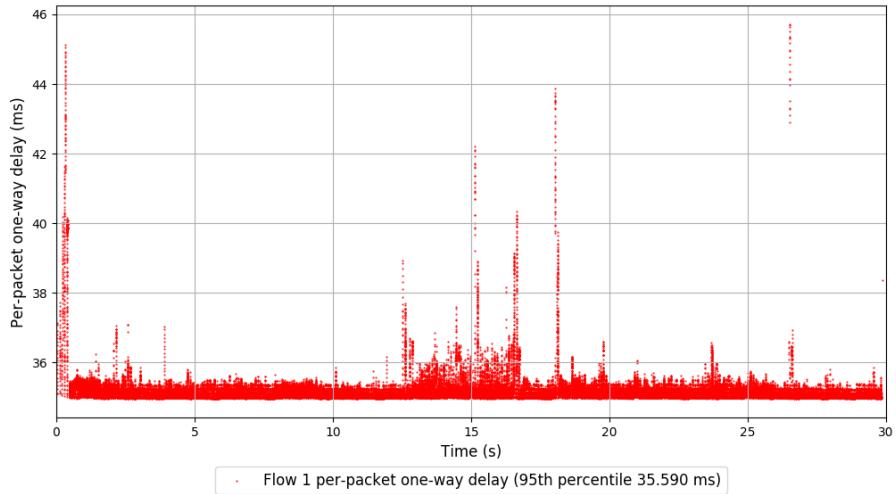
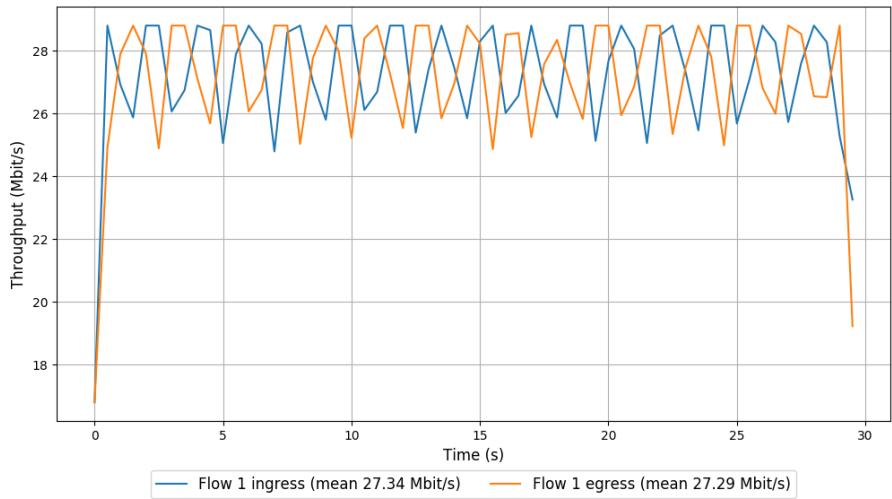


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 13:30:47 +0000
End at: Wed, 05 Jul 2017 13:31:17 +0000
Local clock offset: 0.667 ms
Remote clock offset: -4.804 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 35.590 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 35.590 ms
Loss rate: 0.32%
```

Run 10: Report of Saturator — Data Link

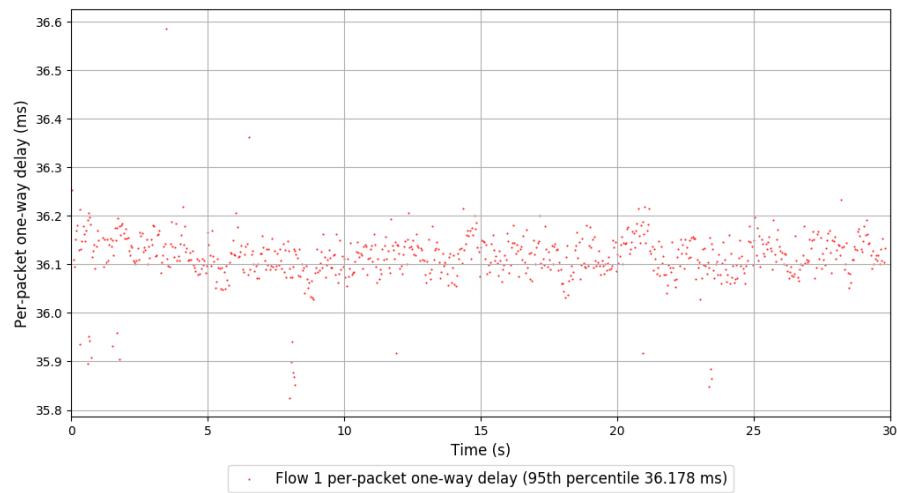
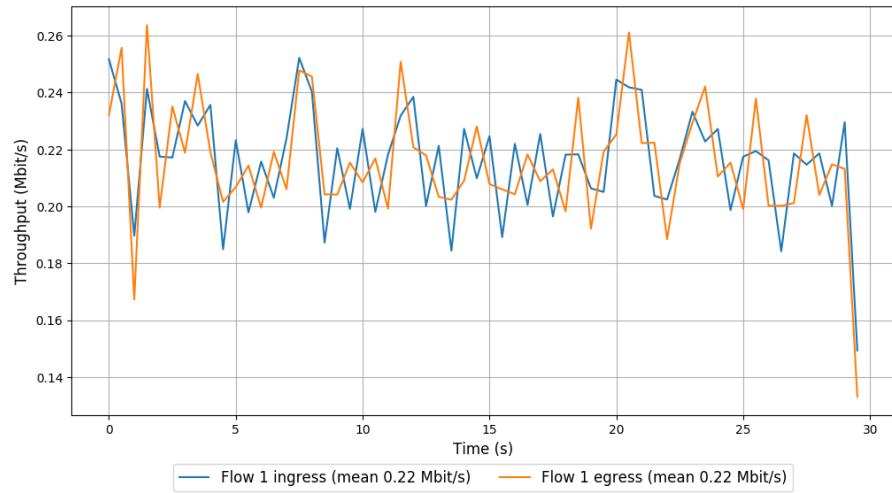


```
Run 1: Statistics of SCReAM
```

```
Start at: Wed, 05 Jul 2017 10:51:06 +0000
End at: Wed, 05 Jul 2017 10:51:36 +0000
Local clock offset: 0.72 ms
Remote clock offset: -3.02 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.178 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.178 ms
Loss rate: 0.25%
```

Run 1: Report of SCReAM — Data Link

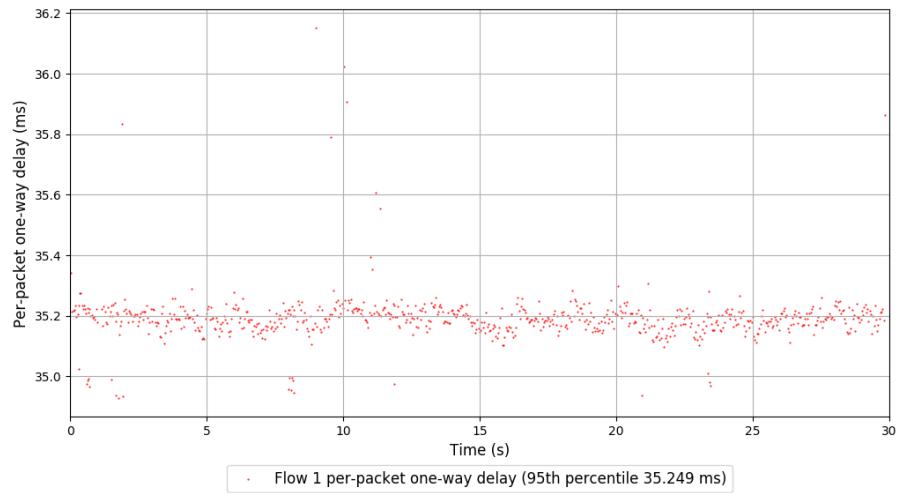
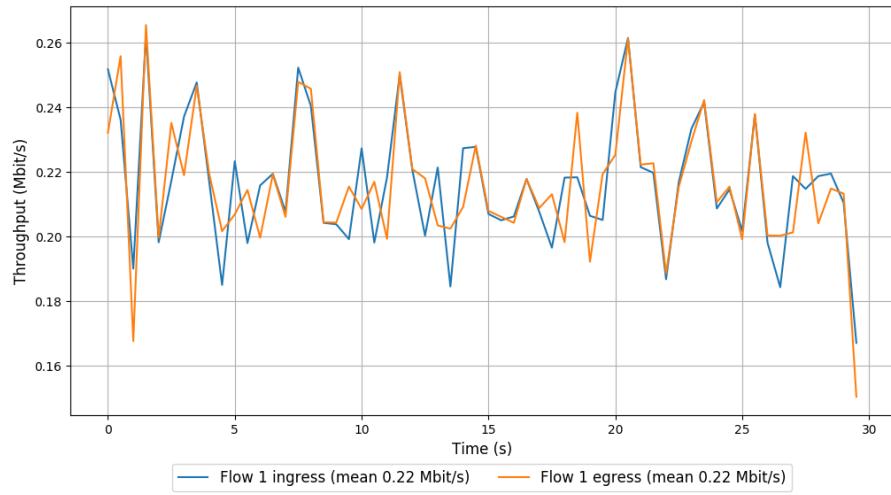


Run 2: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:10:51 +0000
End at: Wed, 05 Jul 2017 11:11:21 +0000
Local clock offset: 0.709 ms
Remote clock offset: -2.584 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.249 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.249 ms
Loss rate: 0.25%
```

Run 2: Report of SCReAM — Data Link

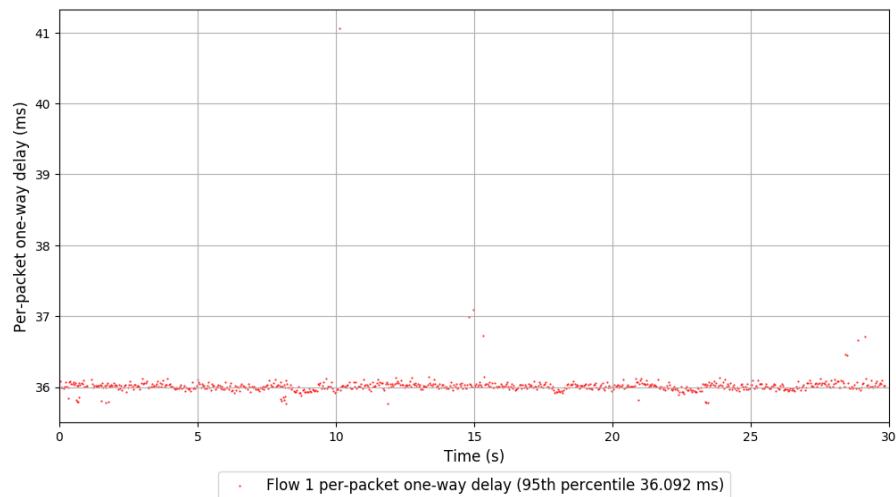
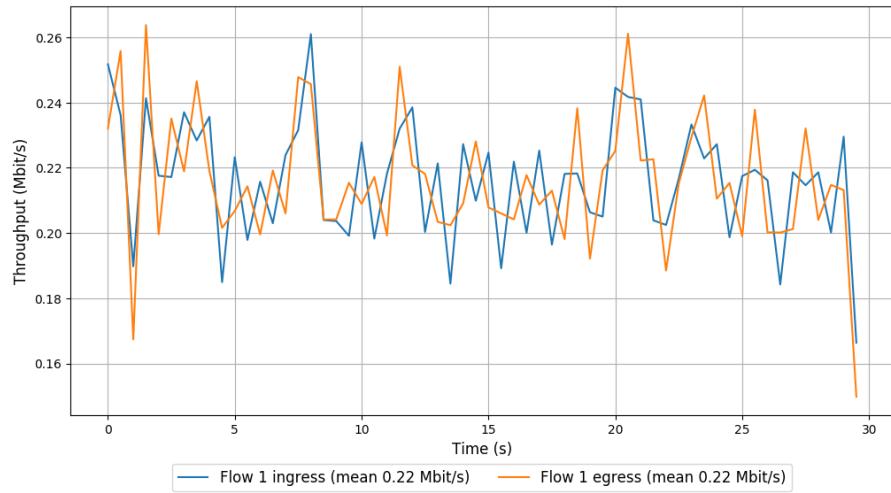


Run 3: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:30:33 +0000
End at: Wed, 05 Jul 2017 11:31:03 +0000
Local clock offset: 0.633 ms
Remote clock offset: -2.242 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.092 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.092 ms
Loss rate: 0.25%
```

Run 3: Report of SCReAM — Data Link

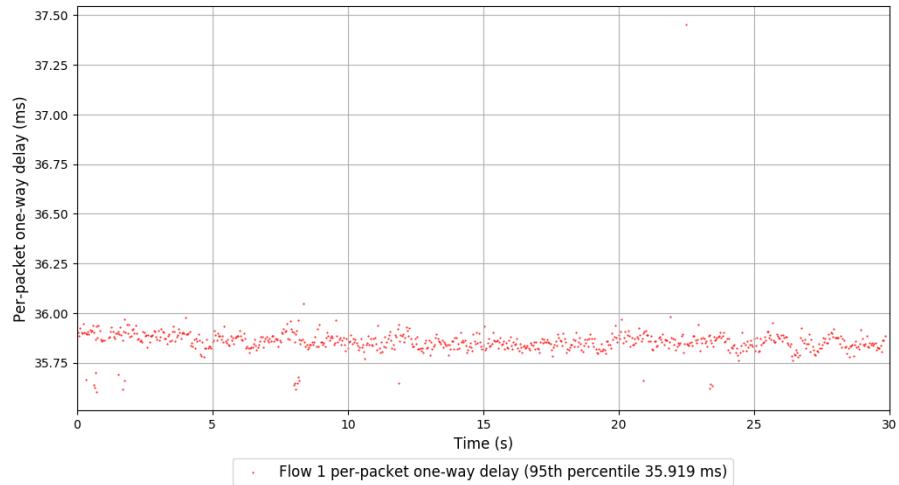
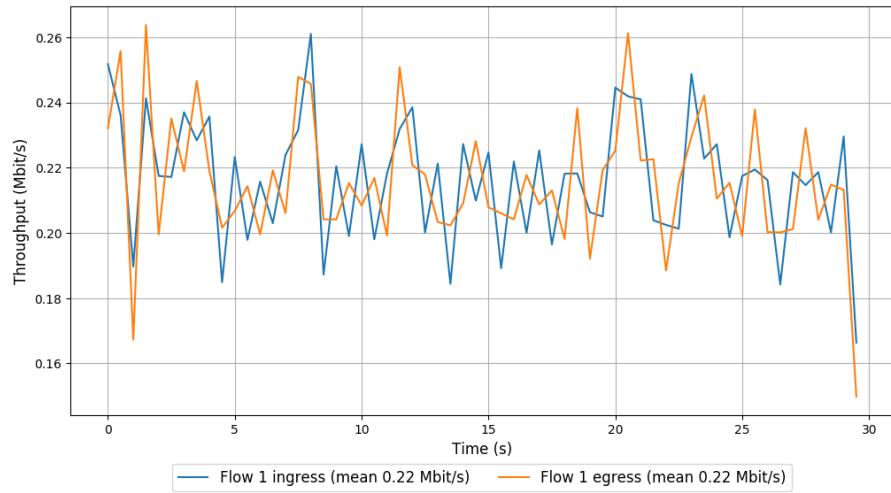


Run 4: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:50:03 +0000
End at: Wed, 05 Jul 2017 11:50:33 +0000
Local clock offset: 0.734 ms
Remote clock offset: -4.996 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.919 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.919 ms
Loss rate: 0.25%
```

Run 4: Report of SCReAM — Data Link

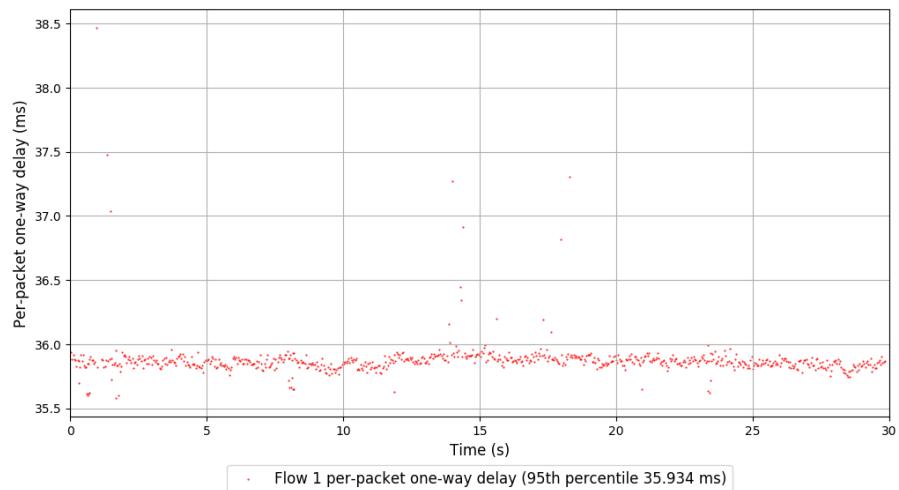
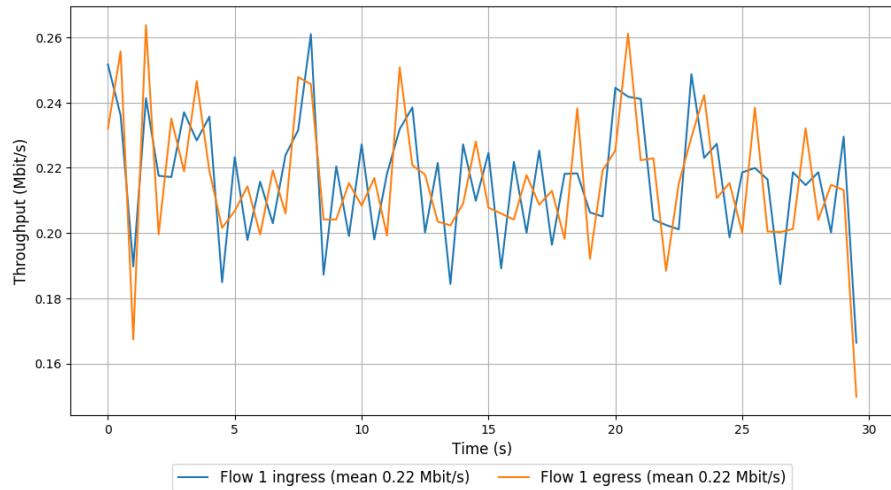


Run 5: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:09:47 +0000
End at: Wed, 05 Jul 2017 12:10:17 +0000
Local clock offset: 0.706 ms
Remote clock offset: -4.926 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.934 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.934 ms
Loss rate: 0.25%
```

Run 5: Report of SCReAM — Data Link

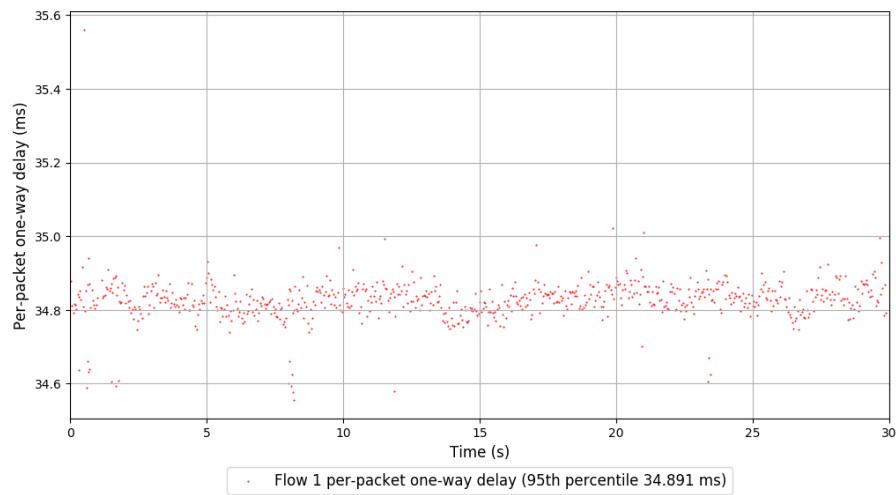
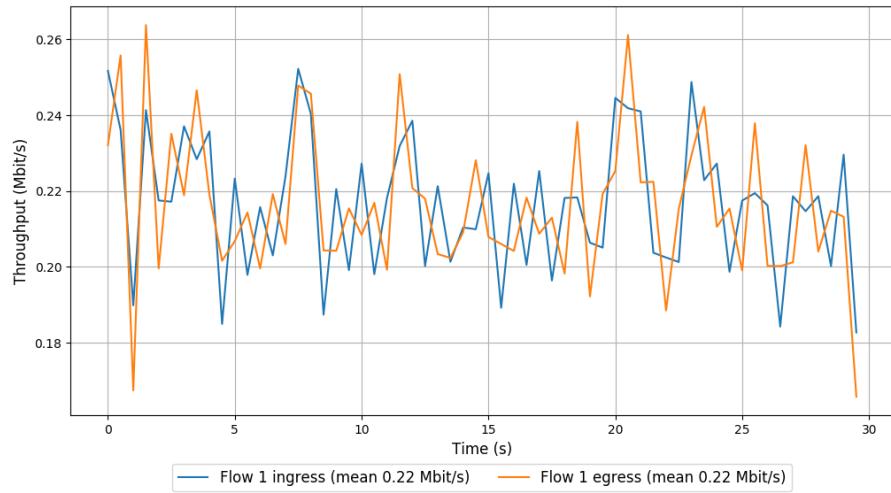


Run 6: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:29:20 +0000
End at: Wed, 05 Jul 2017 12:29:50 +0000
Local clock offset: 0.672 ms
Remote clock offset: -2.514 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.891 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.891 ms
Loss rate: 0.26%
```

Run 6: Report of SCReAM — Data Link

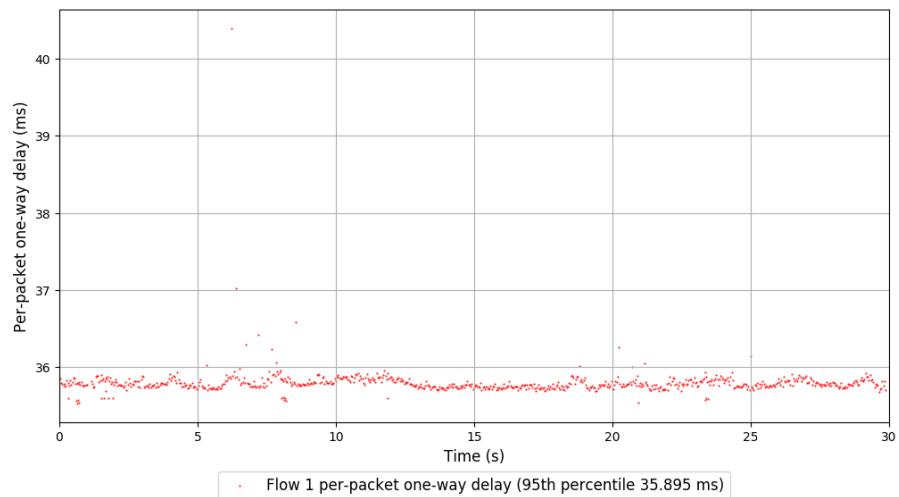
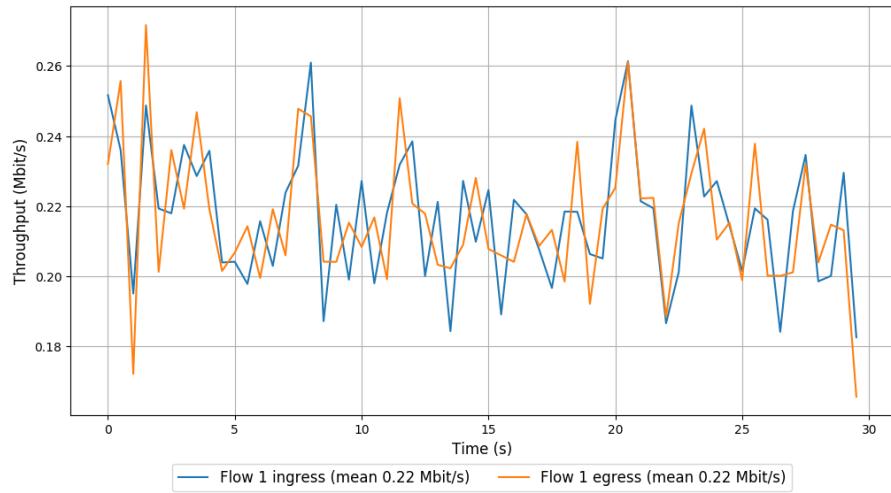


Run 7: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:48:55 +0000
End at: Wed, 05 Jul 2017 12:49:25 +0000
Local clock offset: 0.635 ms
Remote clock offset: -2.478 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.895 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.895 ms
Loss rate: 0.26%
```

Run 7: Report of SCReAM — Data Link

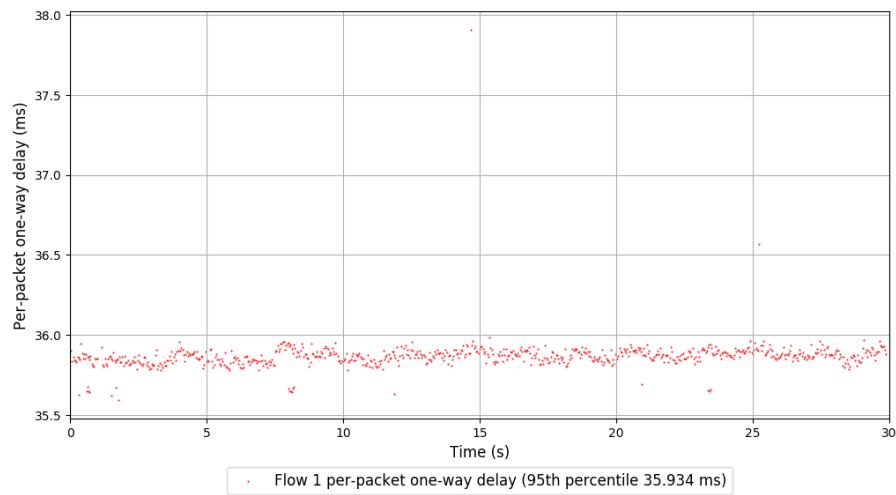
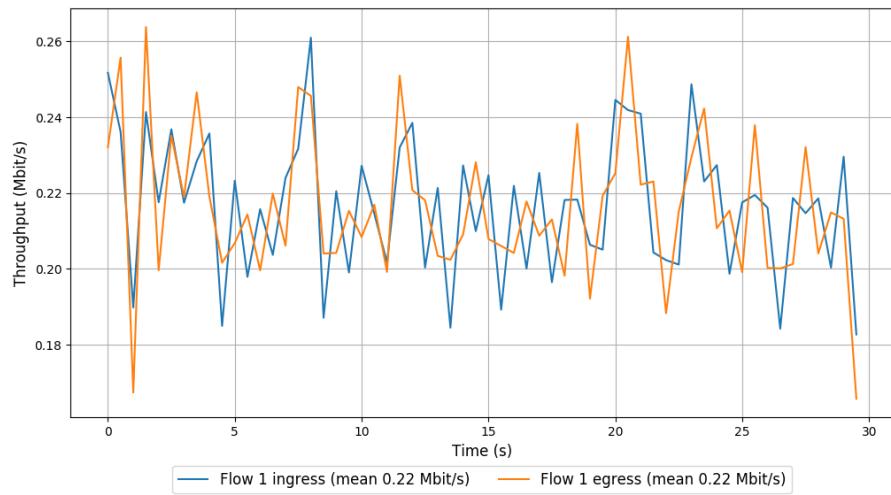


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 13:08:36 +0000
End at: Wed, 05 Jul 2017 13:09:06 +0000
Local clock offset: 0.635 ms
Remote clock offset: -2.896 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.934 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.934 ms
Loss rate: 0.26%
```

Run 8: Report of SCReAM — Data Link

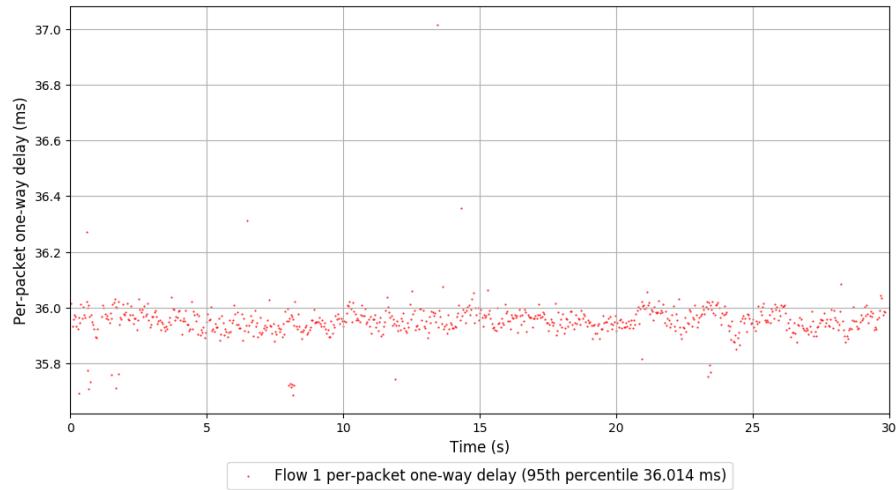
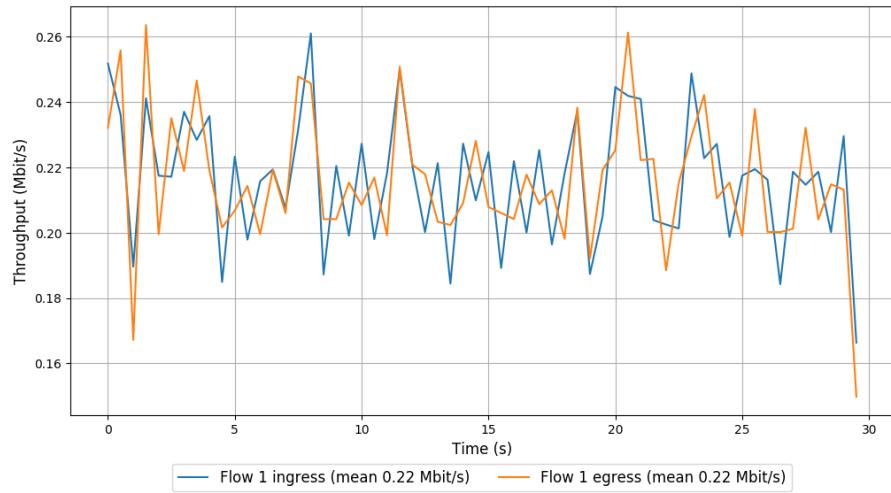


Run 9: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 13:28:12 +0000
End at: Wed, 05 Jul 2017 13:28:42 +0000
Local clock offset: 0.605 ms
Remote clock offset: -5.298 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.014 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.014 ms
Loss rate: 0.25%
```

Run 9: Report of SCReAM — Data Link

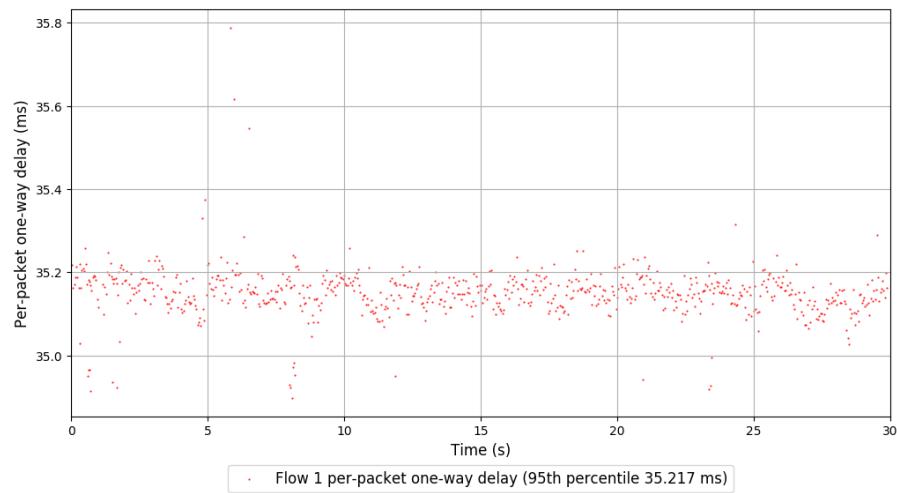
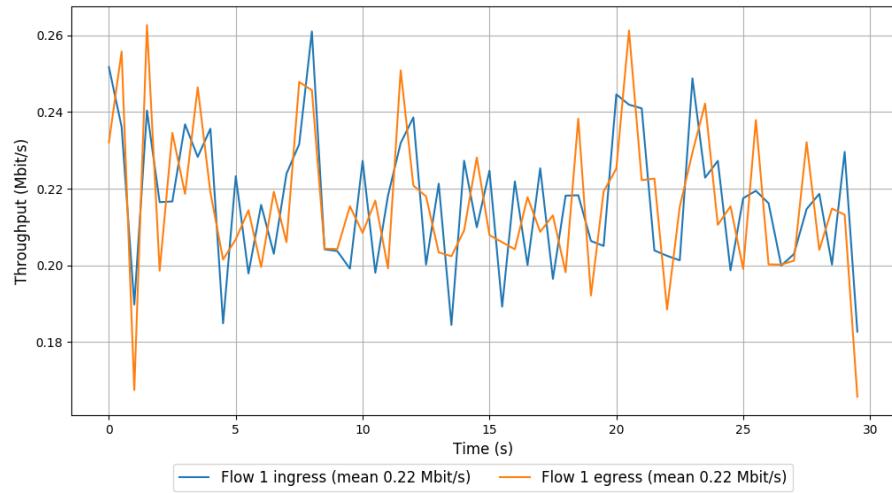


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 13:47:56 +0000
End at: Wed, 05 Jul 2017 13:48:26 +0000
Local clock offset: 0.642 ms
Remote clock offset: -4.858 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.217 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.217 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

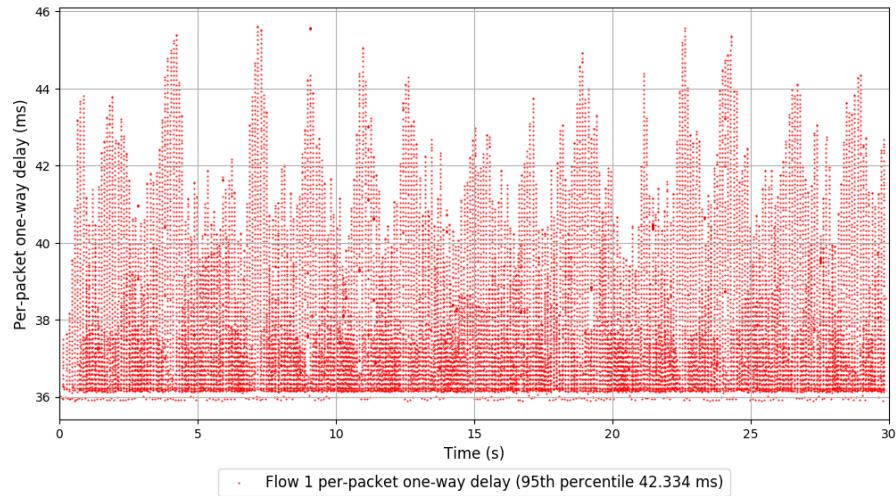
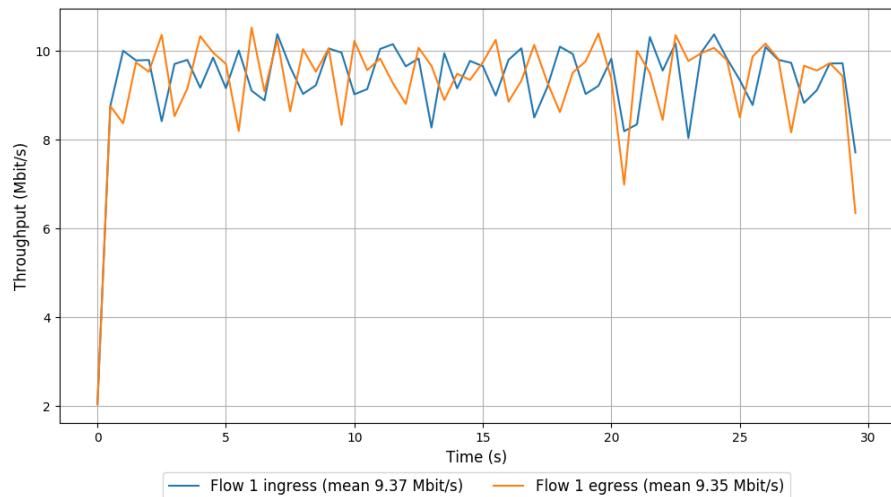


Run 1: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:35:20 +0000
End at: Wed, 05 Jul 2017 10:35:50 +0000
Local clock offset: 0.753 ms
Remote clock offset: -4.881 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 42.334 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 42.334 ms
Loss rate: 0.35%
```

Run 1: Report of Sprout — Data Link

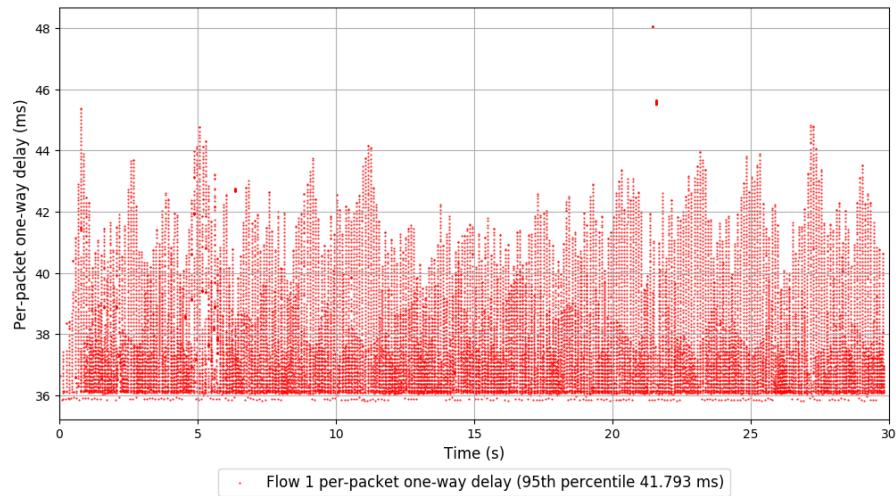
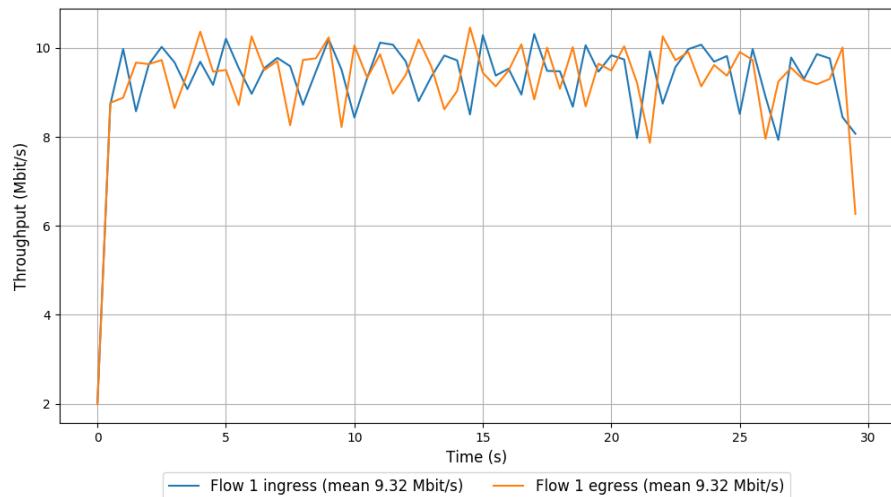


Run 2: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:55:01 +0000
End at: Wed, 05 Jul 2017 10:55:31 +0000
Local clock offset: 0.638 ms
Remote clock offset: -2.545 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 41.793 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 41.793 ms
Loss rate: 0.37%
```

Run 2: Report of Sprout — Data Link

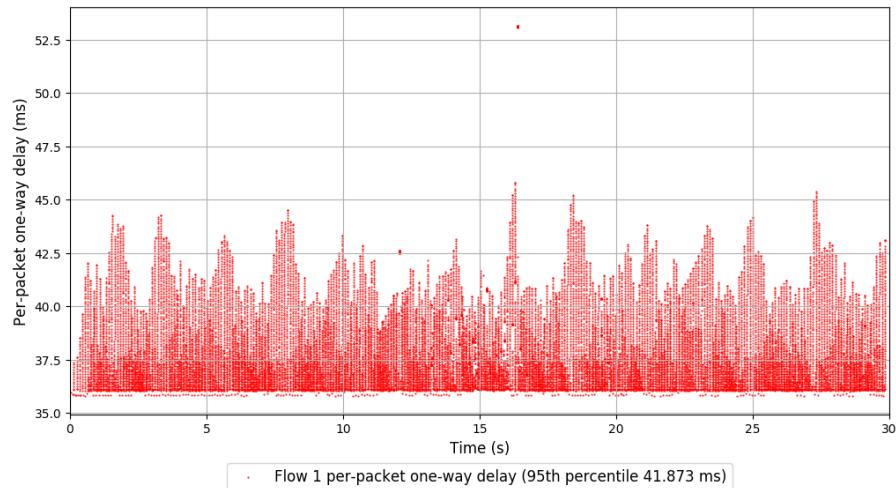
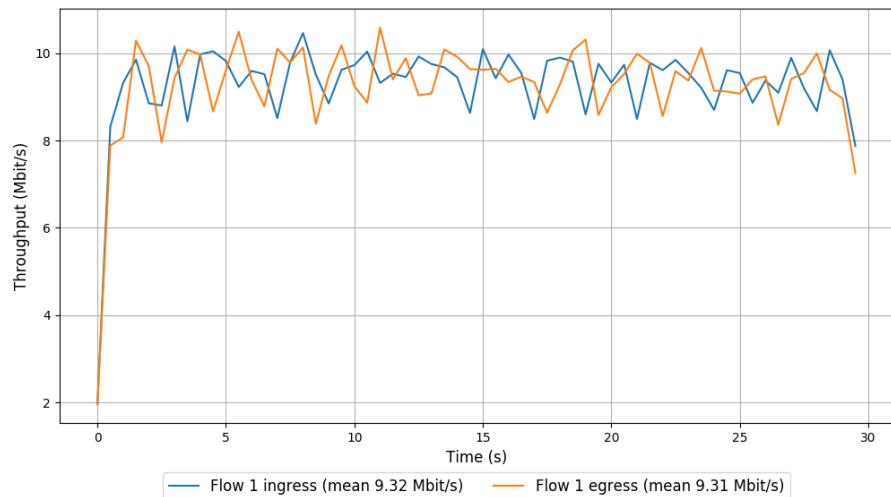


Run 3: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:14:46 +0000
End at: Wed, 05 Jul 2017 11:15:16 +0000
Local clock offset: 0.639 ms
Remote clock offset: -2.566 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.35%
```

Run 3: Report of Sprout — Data Link

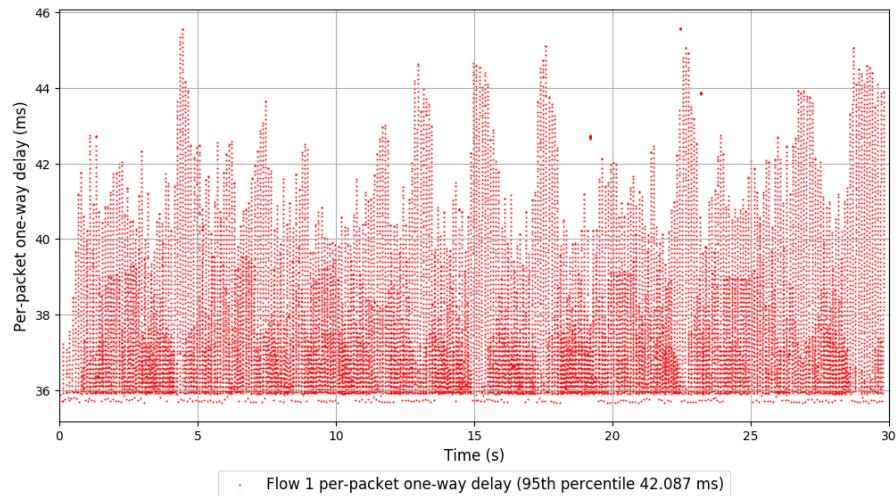
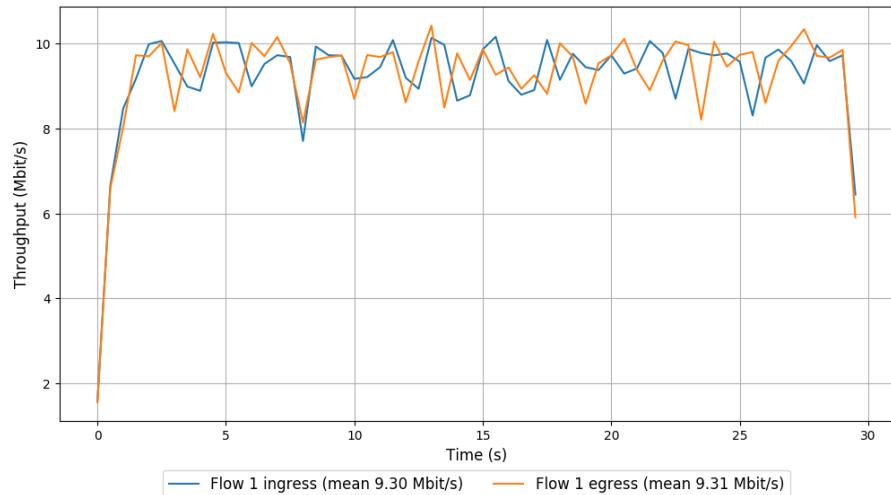


Run 4: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:34:26 +0000
End at: Wed, 05 Jul 2017 11:34:56 +0000
Local clock offset: 0.719 ms
Remote clock offset: -3.187 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 42.087 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 42.087 ms
Loss rate: 0.10%
```

Run 4: Report of Sprout — Data Link

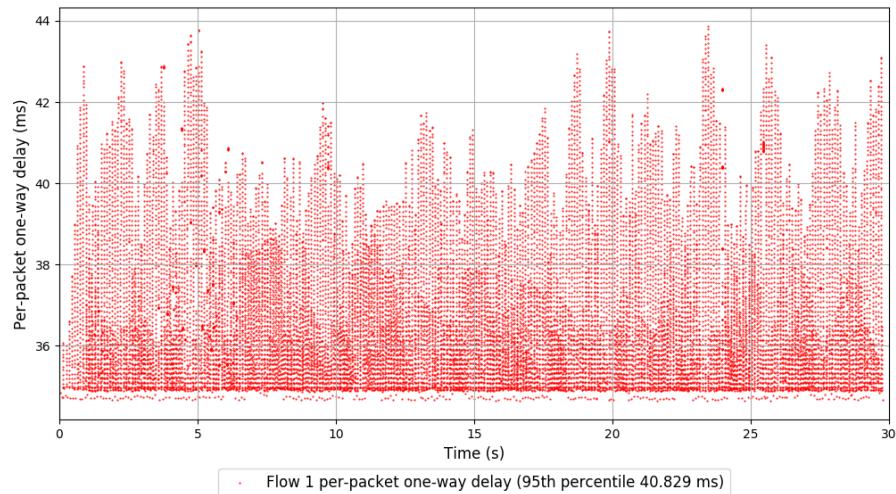
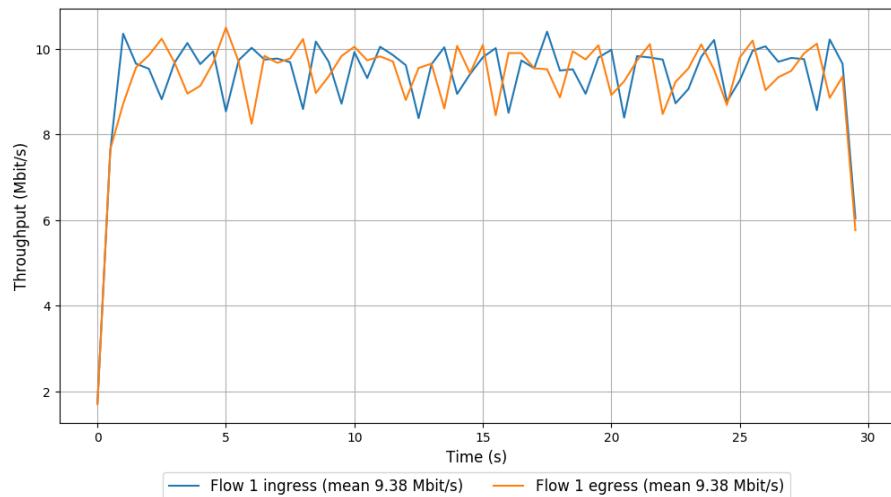


Run 5: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:53:56 +0000
End at: Wed, 05 Jul 2017 11:54:26 +0000
Local clock offset: 0.705 ms
Remote clock offset: -2.841 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 40.829 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 40.829 ms
Loss rate: 0.35%
```

Run 5: Report of Sprout — Data Link

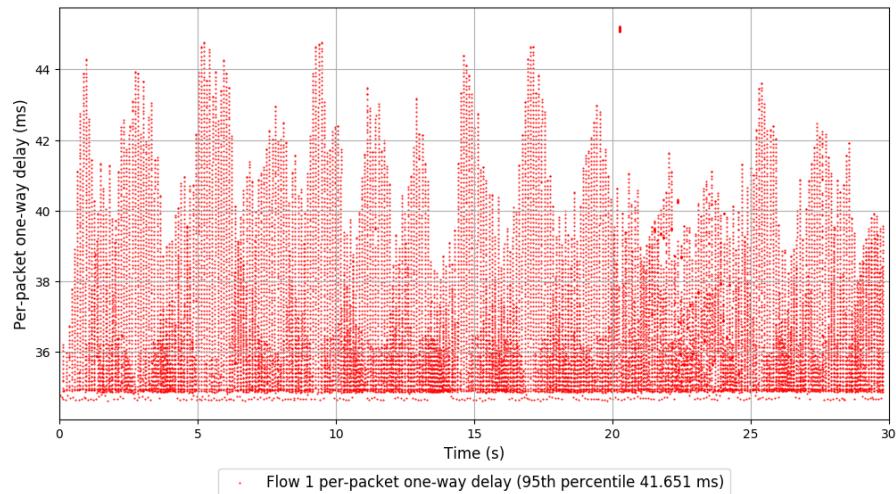
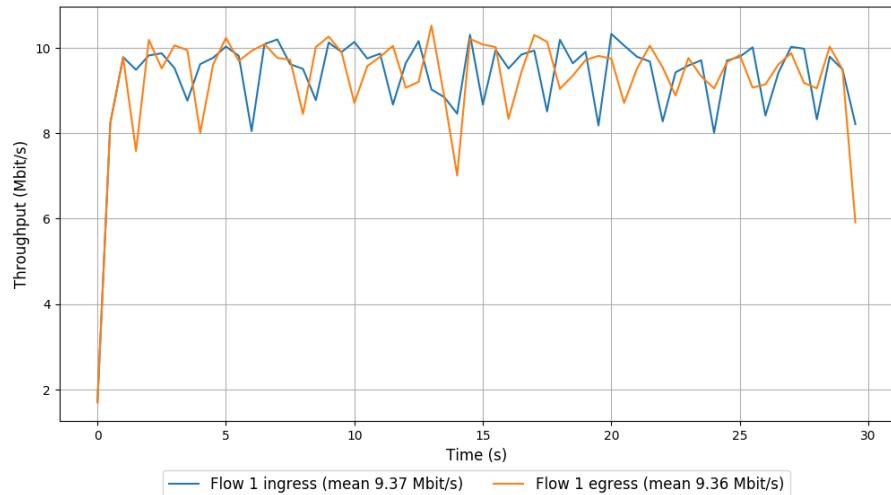


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:13:38 +0000
End at: Wed, 05 Jul 2017 12:14:08 +0000
Local clock offset: 0.688 ms
Remote clock offset: -2.382 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 41.651 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 41.651 ms
Loss rate: 0.46%
```

Run 6: Report of Sprout — Data Link

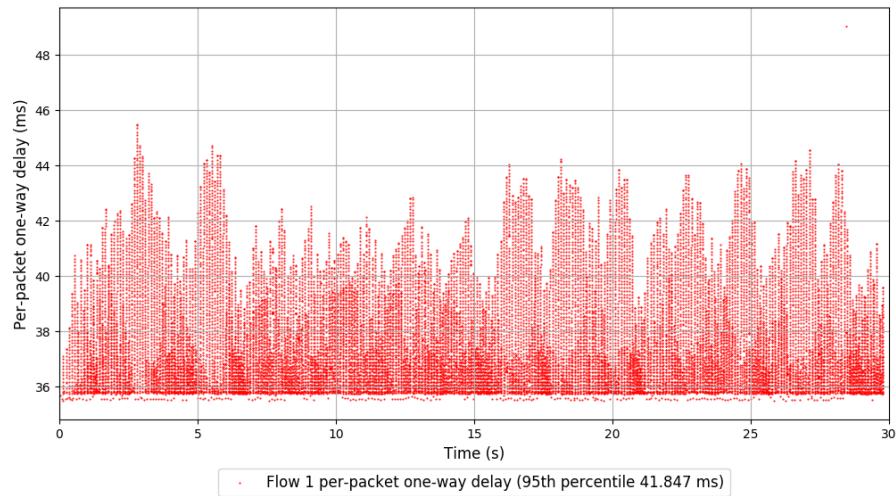
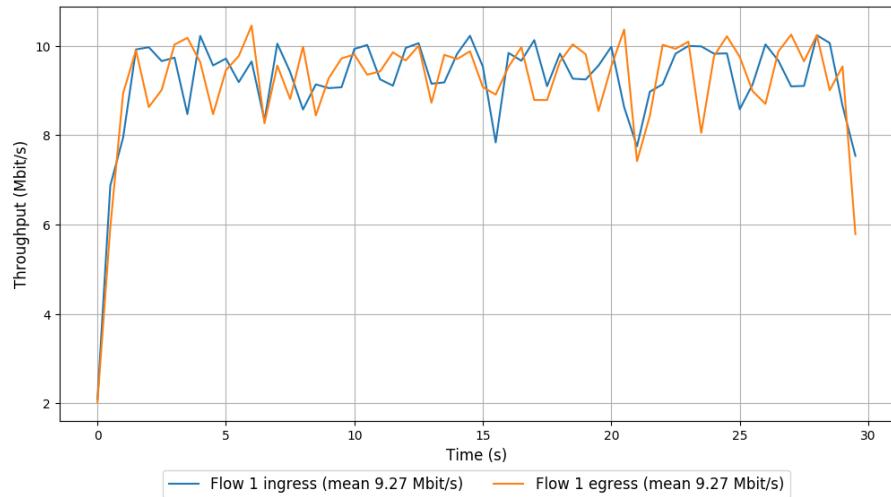


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:33:13 +0000
End at: Wed, 05 Jul 2017 12:33:43 +0000
Local clock offset: 0.667 ms
Remote clock offset: -5.003 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:26:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 41.847 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 41.847 ms
Loss rate: 0.35%
```

Run 7: Report of Sprout — Data Link

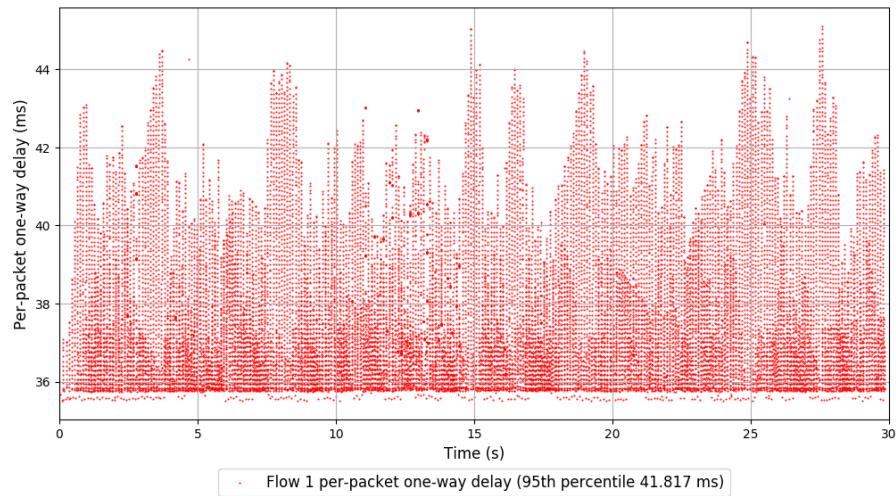
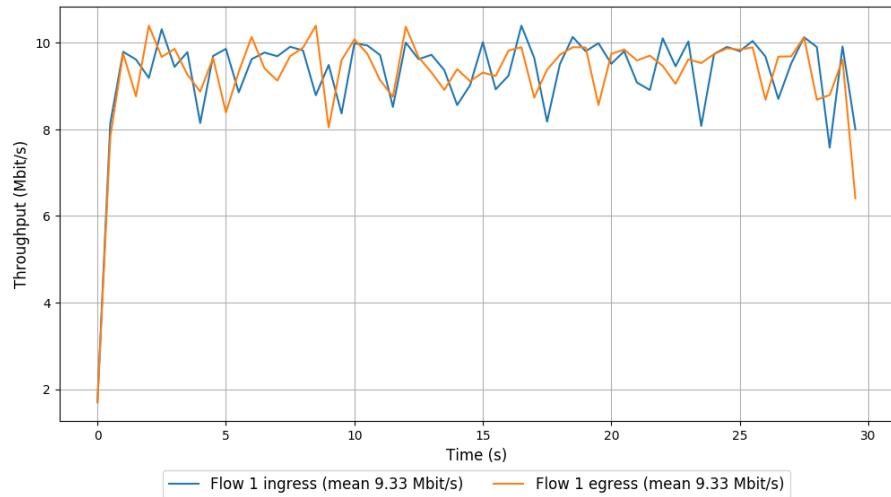


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:52:48 +0000
End at: Wed, 05 Jul 2017 12:53:18 +0000
Local clock offset: 0.628 ms
Remote clock offset: -2.944 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 41.817 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 41.817 ms
Loss rate: 0.34%
```

Run 8: Report of Sprout — Data Link

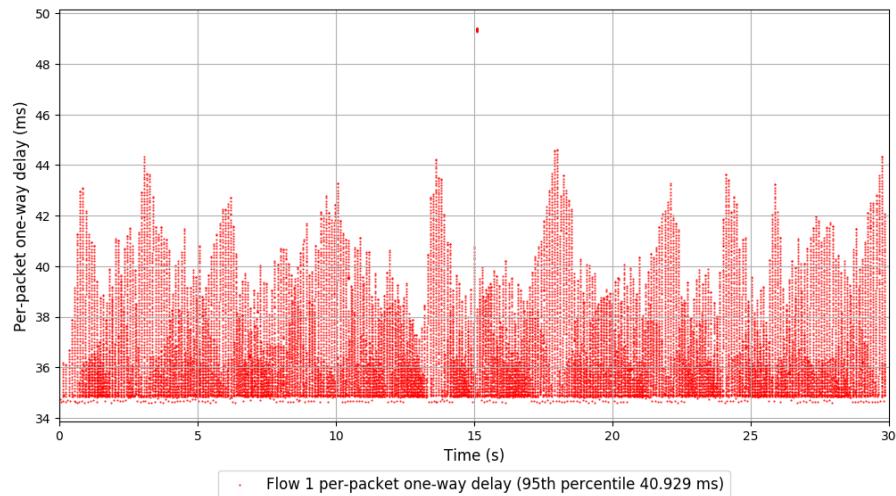
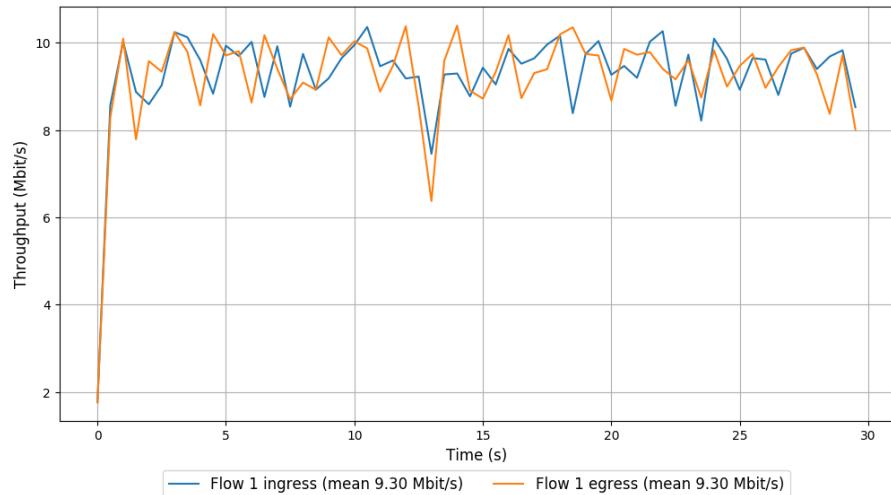


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 13:12:29 +0000
End at: Wed, 05 Jul 2017 13:12:59 +0000
Local clock offset: 0.607 ms
Remote clock offset: -2.529 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 40.929 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 40.929 ms
Loss rate: 0.42%
```

Run 9: Report of Sprout — Data Link

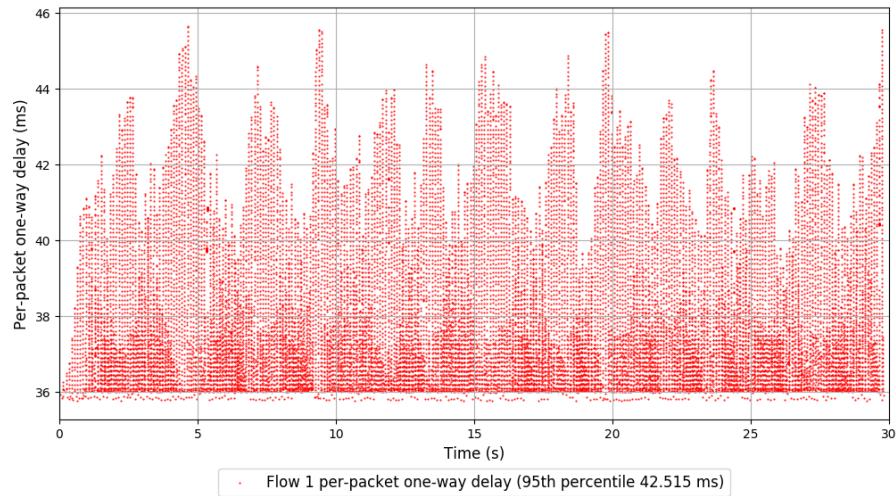
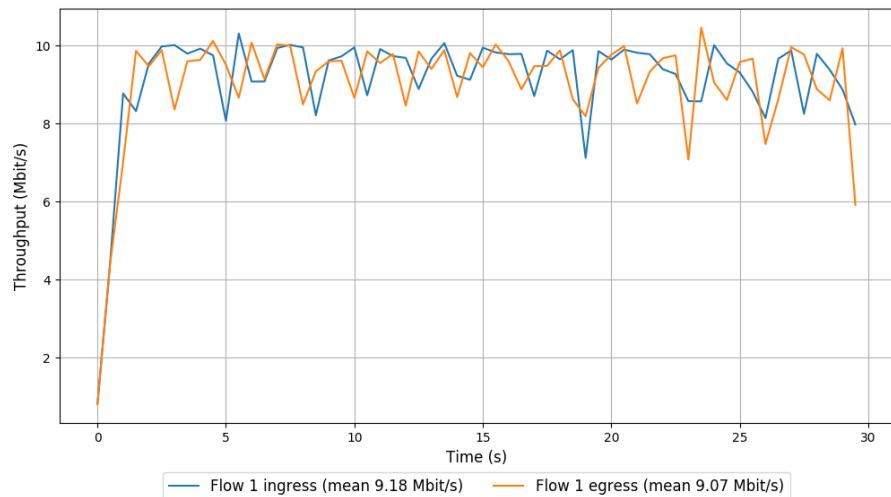


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 13:32:05 +0000
End at: Wed, 05 Jul 2017 13:32:35 +0000
Local clock offset: 0.664 ms
Remote clock offset: -4.862 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 42.515 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 42.515 ms
Loss rate: 1.48%
```

Run 10: Report of Sprout — Data Link

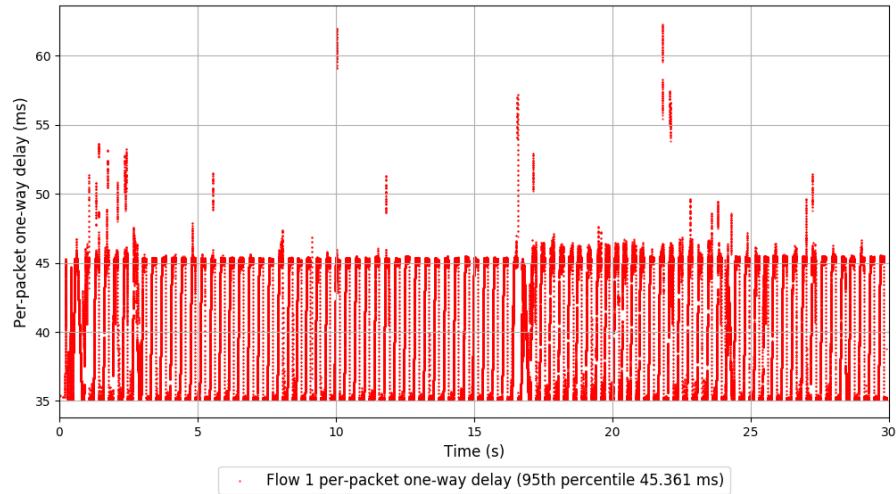
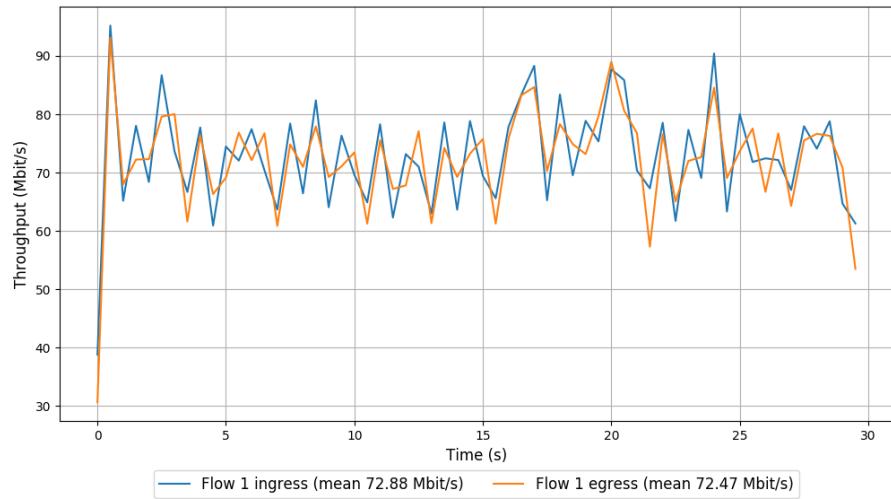


Run 1: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:49:43 +0000
End at: Wed, 05 Jul 2017 10:50:13 +0000
Local clock offset: 0.645 ms
Remote clock offset: -4.658 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.47 Mbit/s
95th percentile per-packet one-way delay: 45.361 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 72.47 Mbit/s
95th percentile per-packet one-way delay: 45.361 ms
Loss rate: 0.83%
```

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

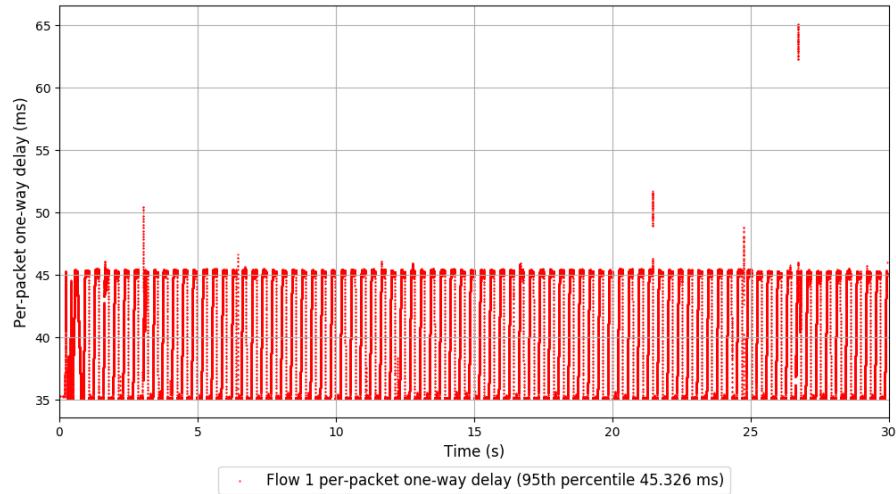
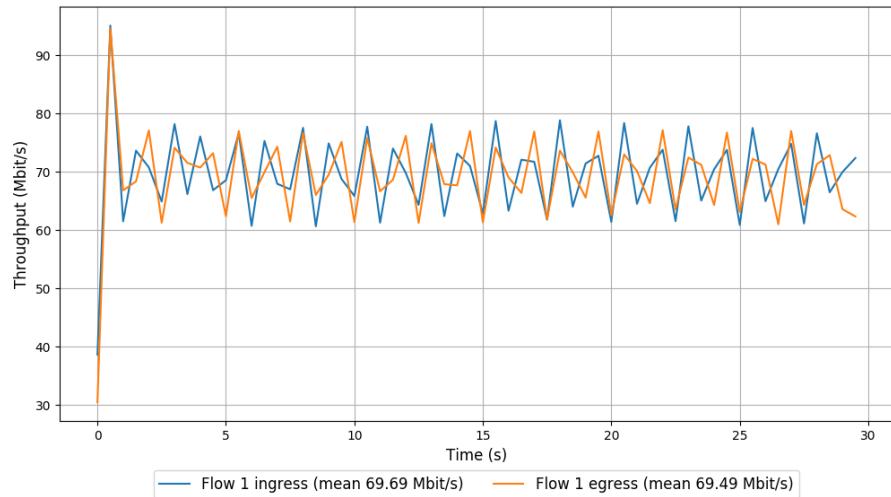


Run 2: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 11:09:28 +0000
End at: Wed, 05 Jul 2017 11:09:58 +0000
Local clock offset: 0.701 ms
Remote clock offset: -4.608 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.49 Mbit/s
95th percentile per-packet one-way delay: 45.326 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 69.49 Mbit/s
95th percentile per-packet one-way delay: 45.326 ms
Loss rate: 0.57%
```

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

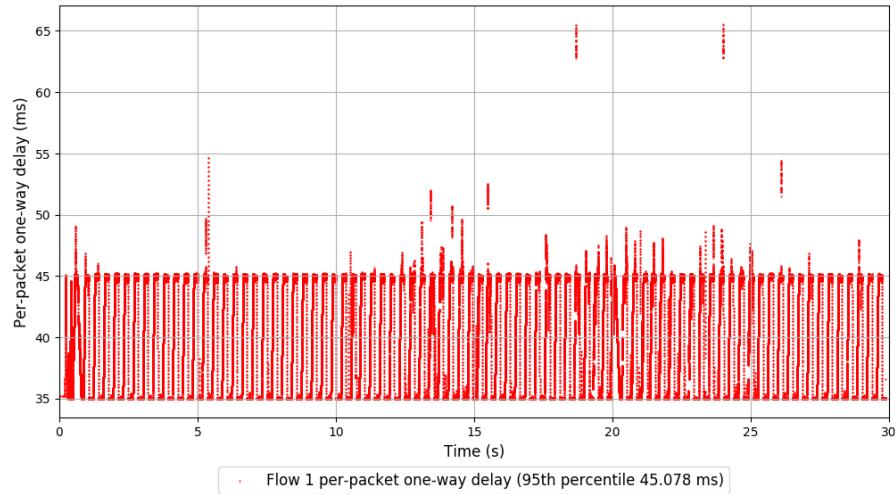
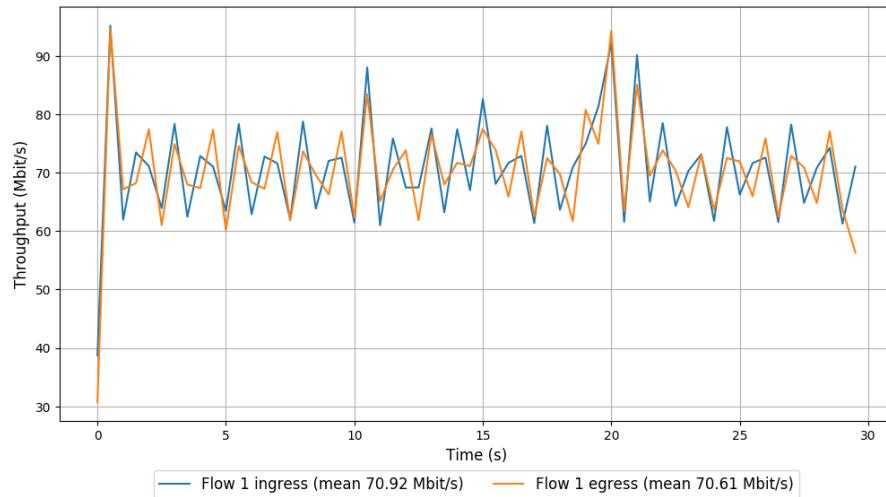


Run 3: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 11:29:10 +0000
End at: Wed, 05 Jul 2017 11:29:40 +0000
Local clock offset: 0.624 ms
Remote clock offset: -3.161 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: 45.078 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: 45.078 ms
Loss rate: 0.74%
```

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

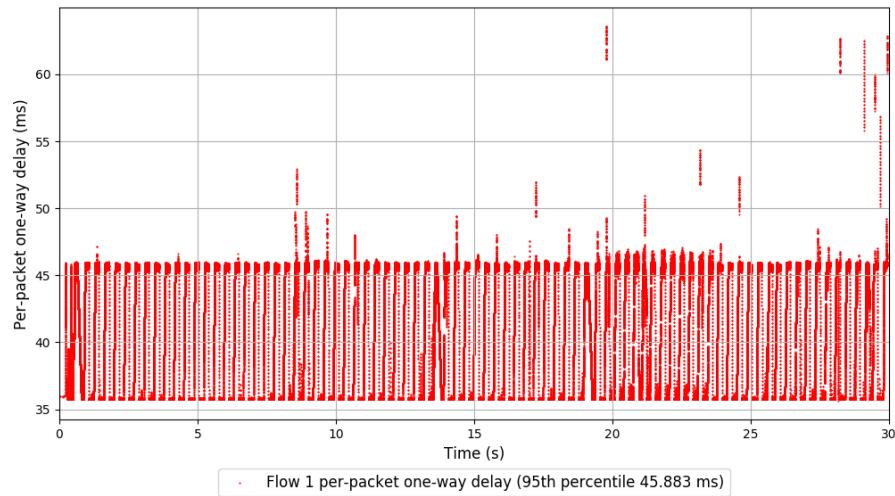
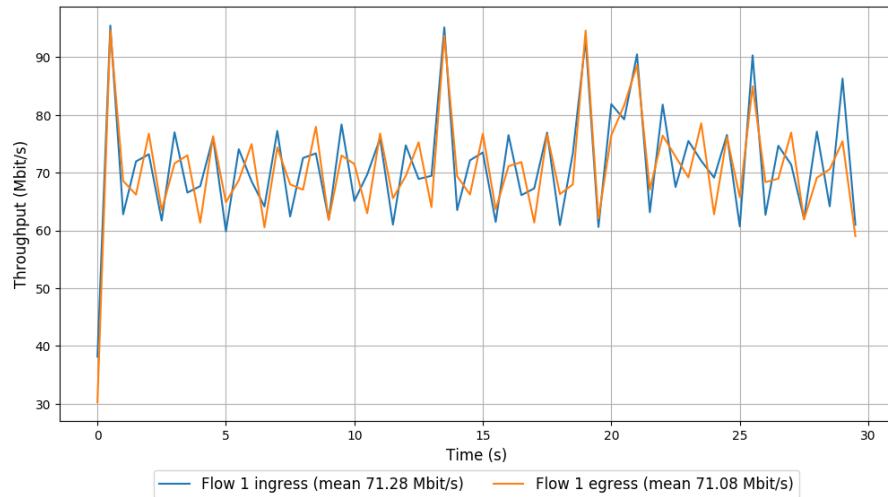


Run 4: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 11:48:40 +0000
End at: Wed, 05 Jul 2017 11:49:10 +0000
Local clock offset: 0.677 ms
Remote clock offset: -2.811 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.08 Mbit/s
95th percentile per-packet one-way delay: 45.883 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 71.08 Mbit/s
95th percentile per-packet one-way delay: 45.883 ms
Loss rate: 0.57%
```

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

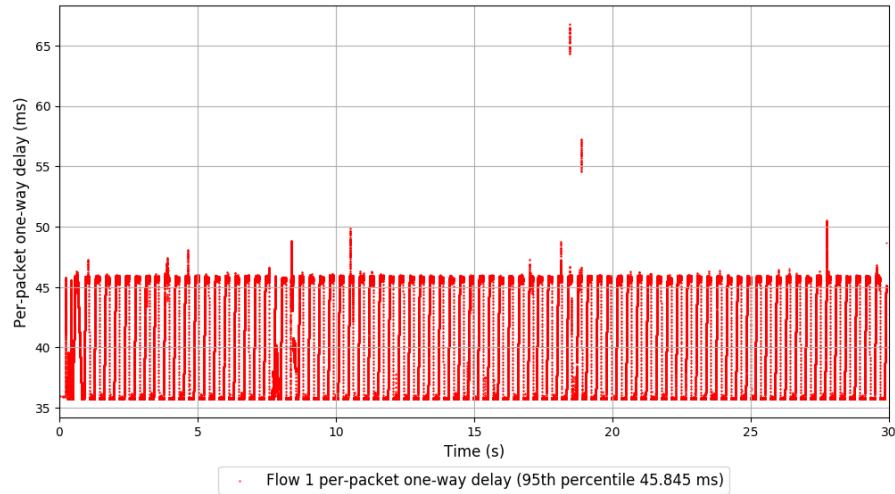
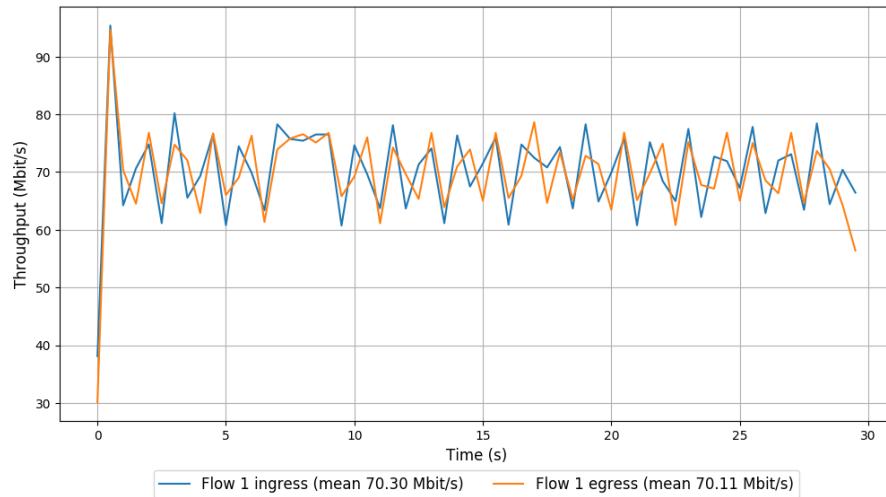


Run 5: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 12:08:25 +0000
End at: Wed, 05 Jul 2017 12:08:55 +0000
Local clock offset: 0.716 ms
Remote clock offset: -4.927 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.11 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 70.11 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.57%
```

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

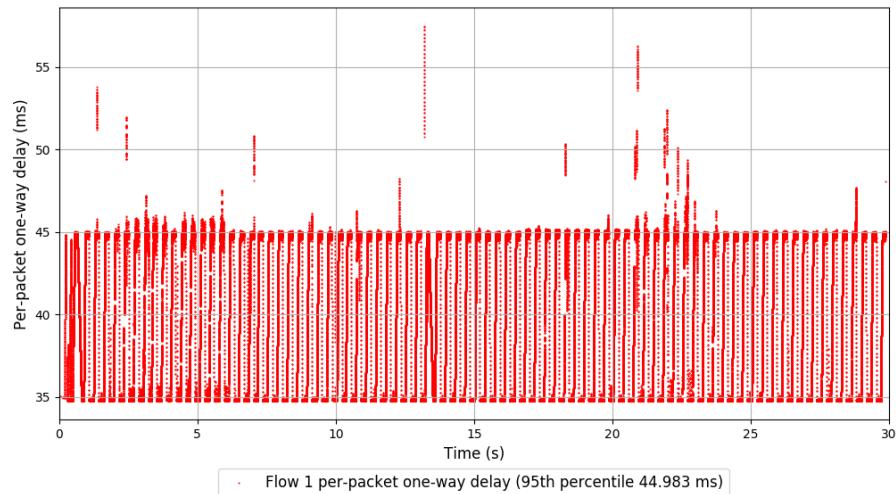
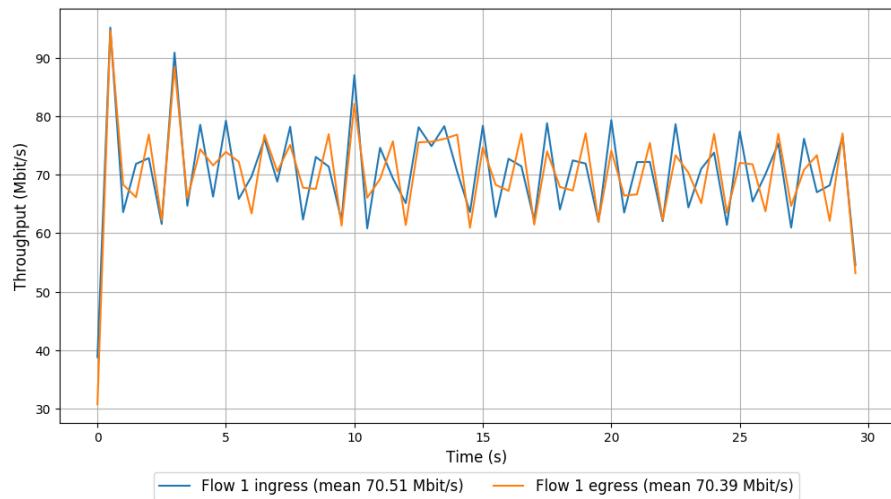


Run 6: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 12:27:58 +0000
End at: Wed, 05 Jul 2017 12:28:28 +0000
Local clock offset: 0.625 ms
Remote clock offset: -2.875 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:27:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 44.983 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 44.983 ms
Loss rate: 0.45%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:47:31 +0000

End at: Wed, 05 Jul 2017 12:48:01 +0000

Local clock offset: 0.614 ms

Remote clock offset: -2.921 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:28:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.05 Mbit/s

95th percentile per-packet one-way delay: 45.856 ms

Loss rate: 0.55%

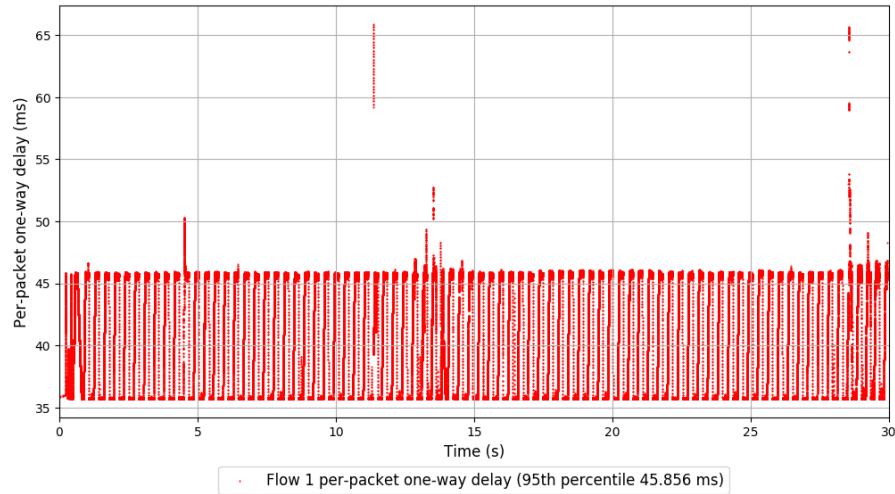
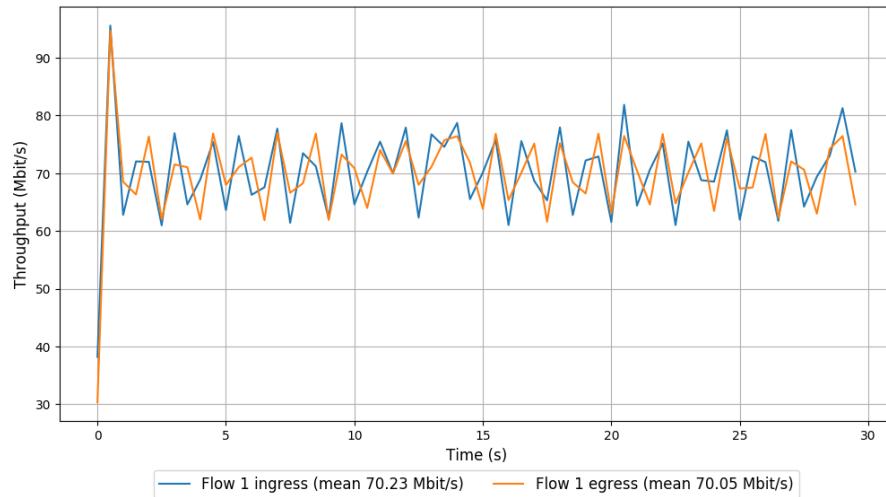
-- Flow 1:

Average throughput: 70.05 Mbit/s

95th percentile per-packet one-way delay: 45.856 ms

Loss rate: 0.55%

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

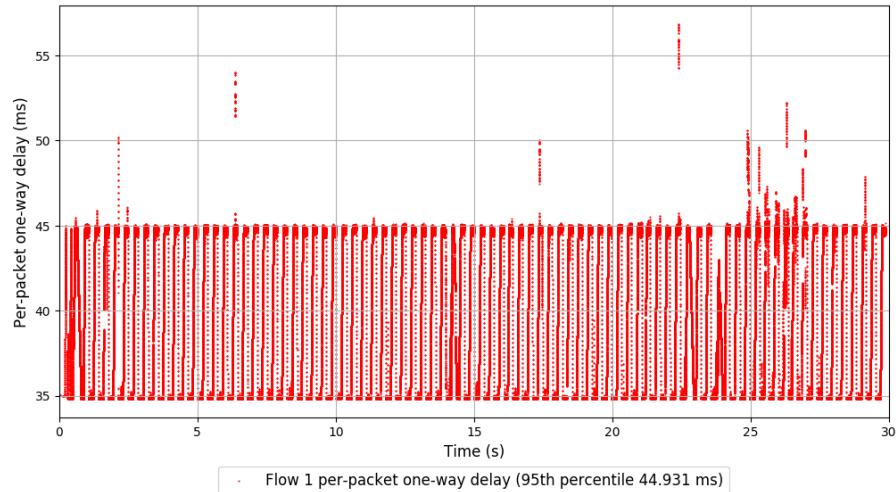
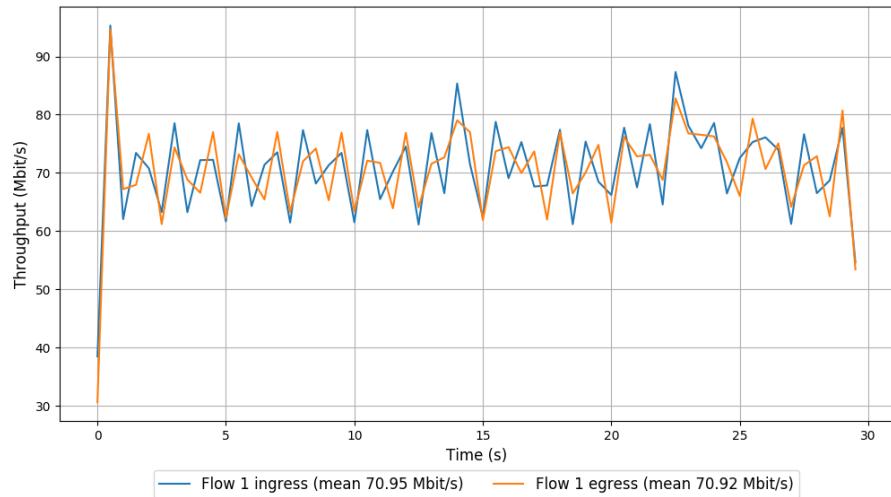


Run 8: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 13:07:13 +0000
End at: Wed, 05 Jul 2017 13:07:44 +0000
Local clock offset: 0.721 ms
Remote clock offset: -5.032 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 44.931 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 44.931 ms
Loss rate: 0.34%
```

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

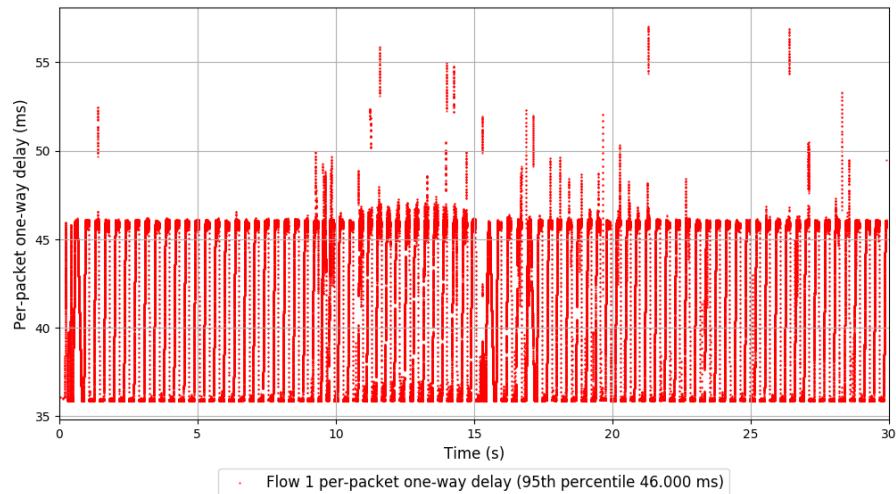
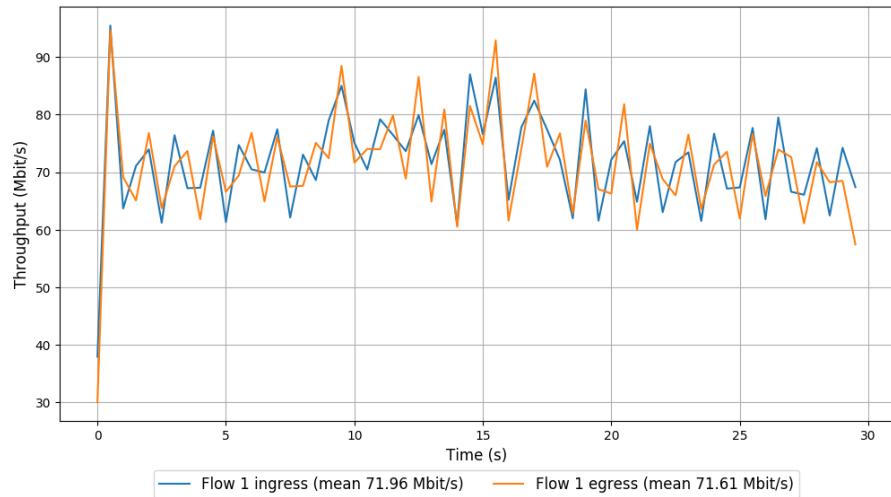


Run 9: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 13:26:49 +0000
End at: Wed, 05 Jul 2017 13:27:19 +0000
Local clock offset: 0.67 ms
Remote clock offset: -5.344 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.61 Mbit/s
95th percentile per-packet one-way delay: 46.000 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 71.61 Mbit/s
95th percentile per-packet one-way delay: 46.000 ms
Loss rate: 0.79%
```

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

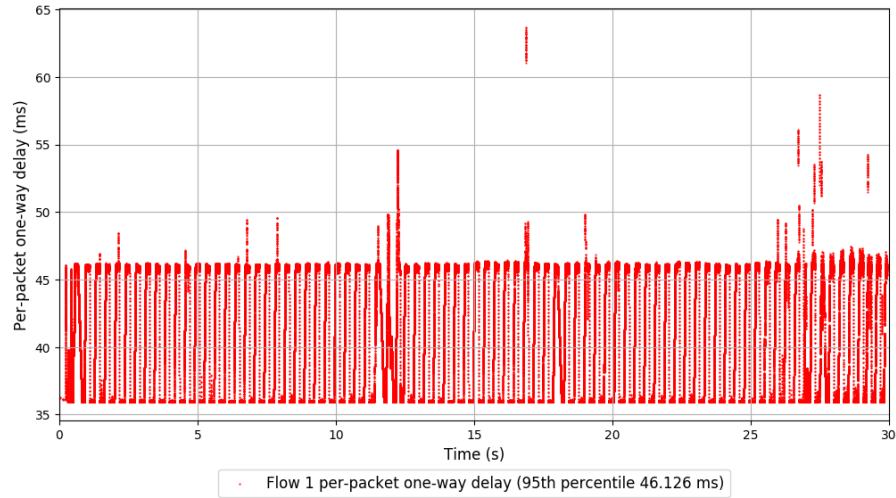
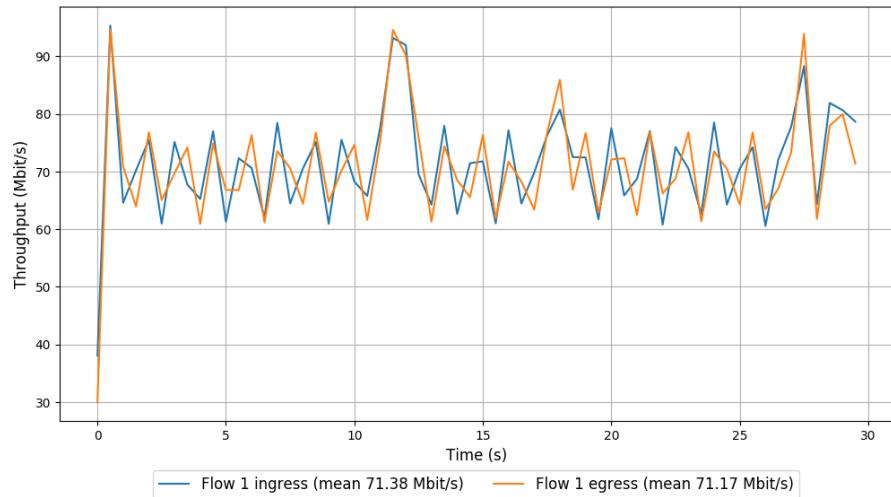


Run 10: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 13:46:33 +0000
End at: Wed, 05 Jul 2017 13:47:03 +0000
Local clock offset: 0.657 ms
Remote clock offset: -5.188 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.58%
```

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

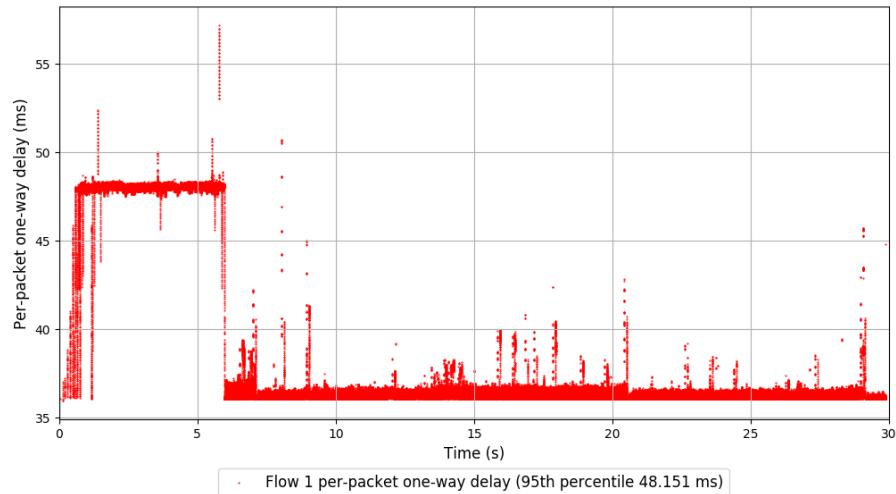
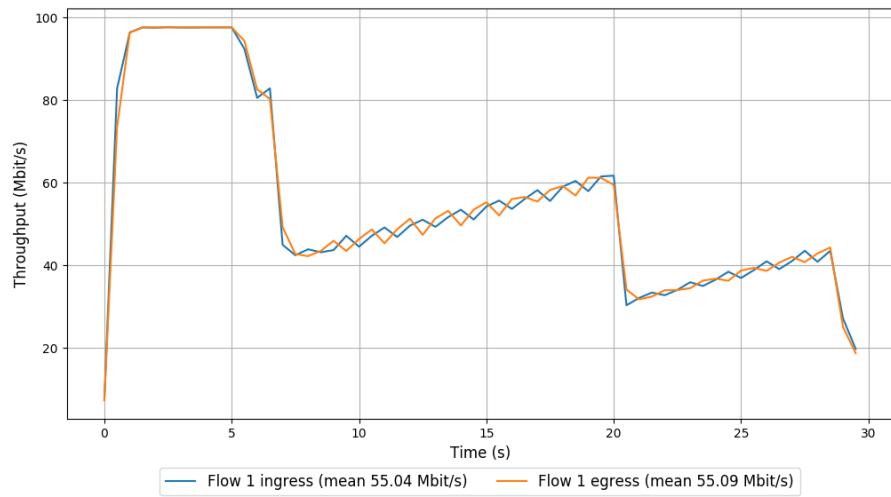


Run 1: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 10:48:24 +0000
End at: Wed, 05 Jul 2017 10:48:54 +0000
Local clock offset: 0.634 ms
Remote clock offset: -2.518 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 48.151 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 48.151 ms
Loss rate: 0.18%
```

Run 1: Report of TCP Vegas — Data Link

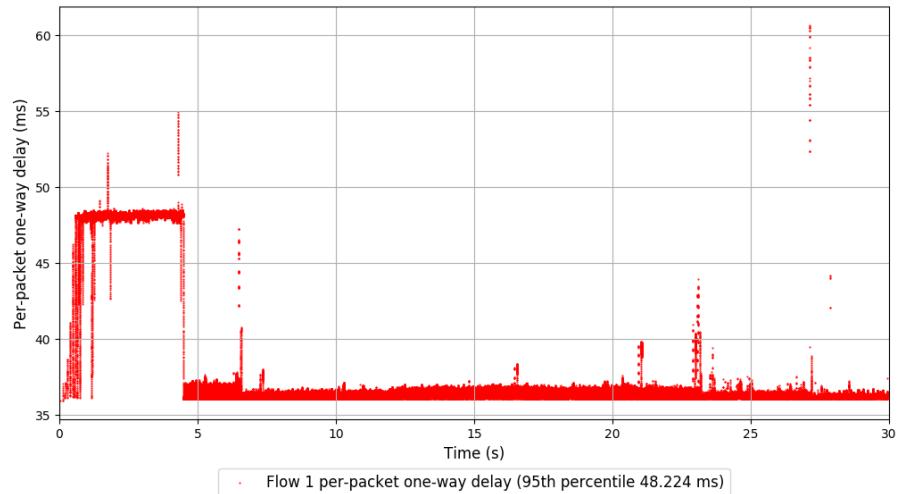
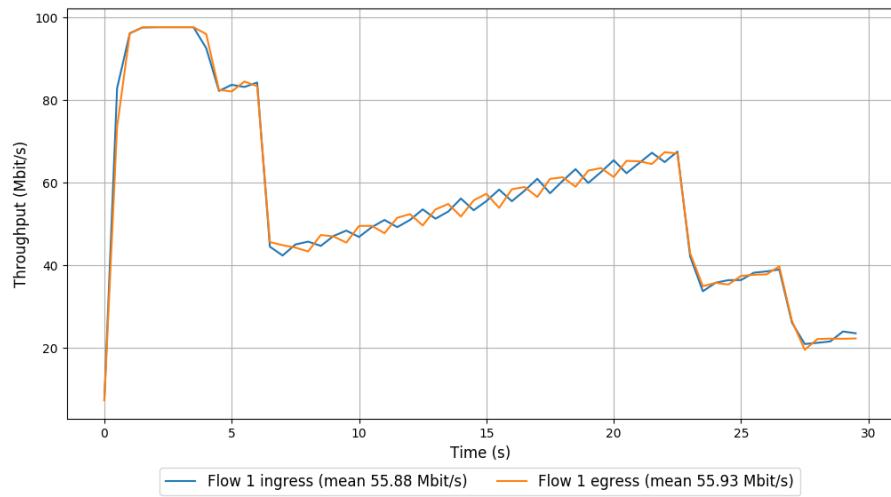


Run 2: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:08:09 +0000
End at: Wed, 05 Jul 2017 11:08:39 +0000
Local clock offset: 0.687 ms
Remote clock offset: -2.117 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 48.224 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 48.224 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Vegas — Data Link

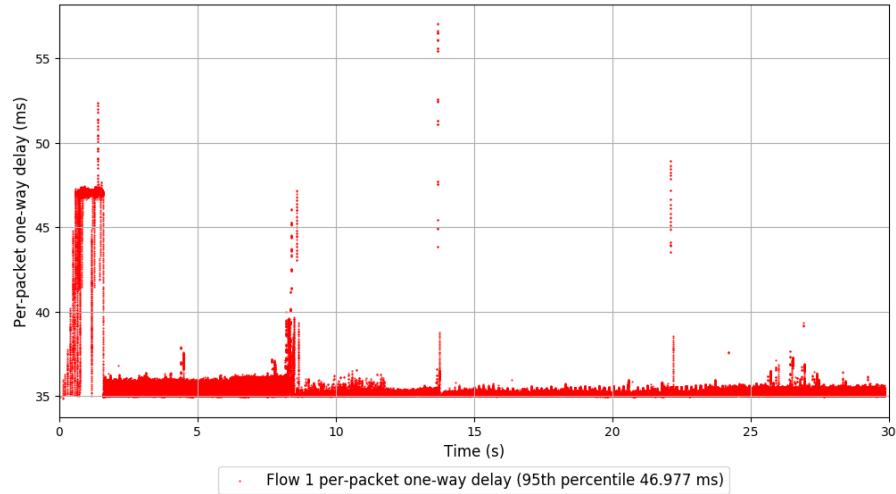
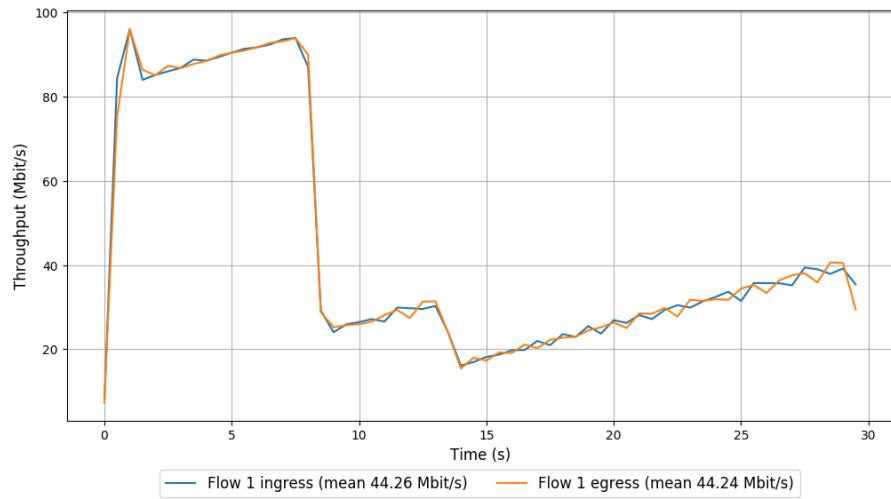


Run 3: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:27:51 +0000
End at: Wed, 05 Jul 2017 11:28:21 +0000
Local clock offset: 0.73 ms
Remote clock offset: -2.777 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 46.977 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 46.977 ms
Loss rate: 0.35%
```

Run 3: Report of TCP Vegas — Data Link

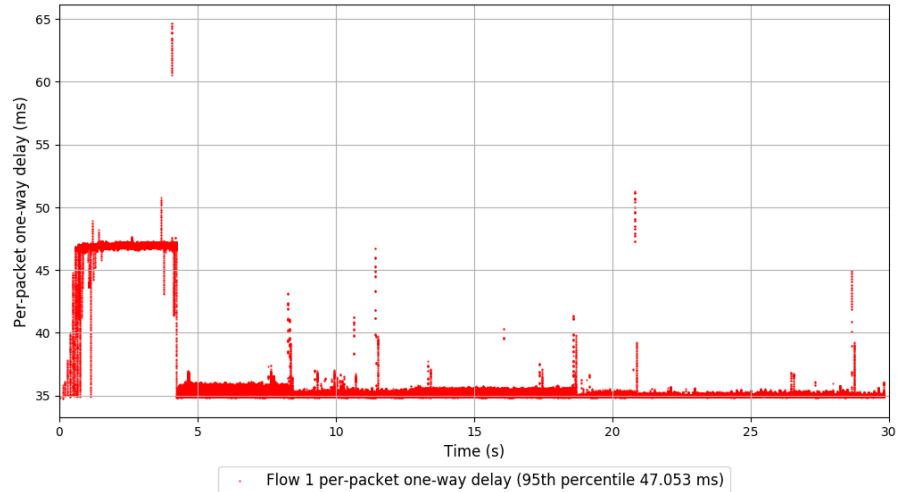
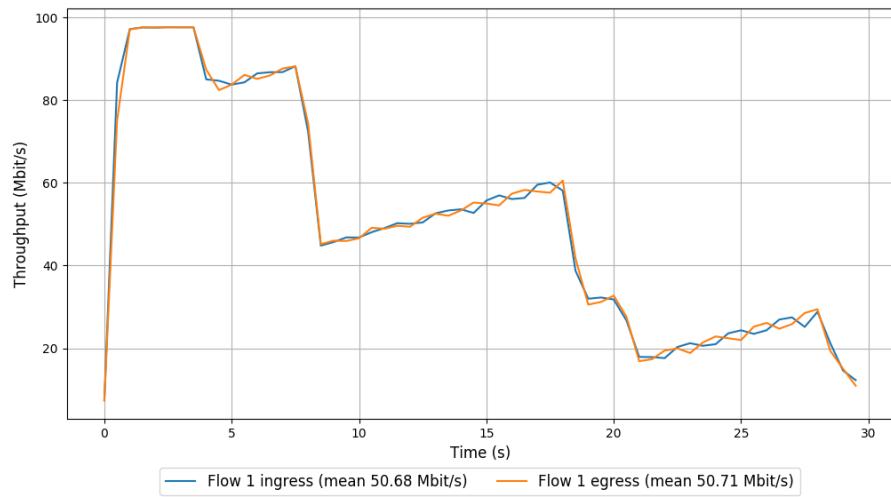


Run 4: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:47:22 +0000
End at: Wed, 05 Jul 2017 11:47:52 +0000
Local clock offset: 0.619 ms
Remote clock offset: -3.153 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.71 Mbit/s
95th percentile per-packet one-way delay: 47.053 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 50.71 Mbit/s
95th percentile per-packet one-way delay: 47.053 ms
Loss rate: 0.24%
```

Run 4: Report of TCP Vegas — Data Link

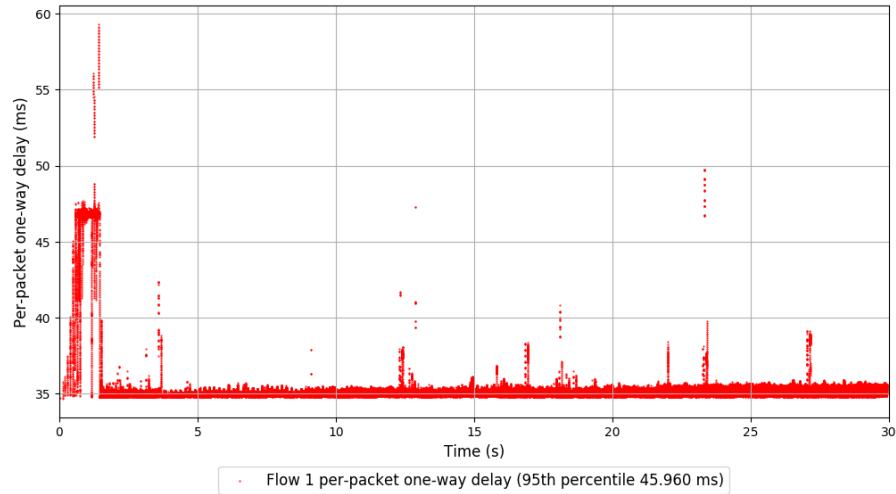
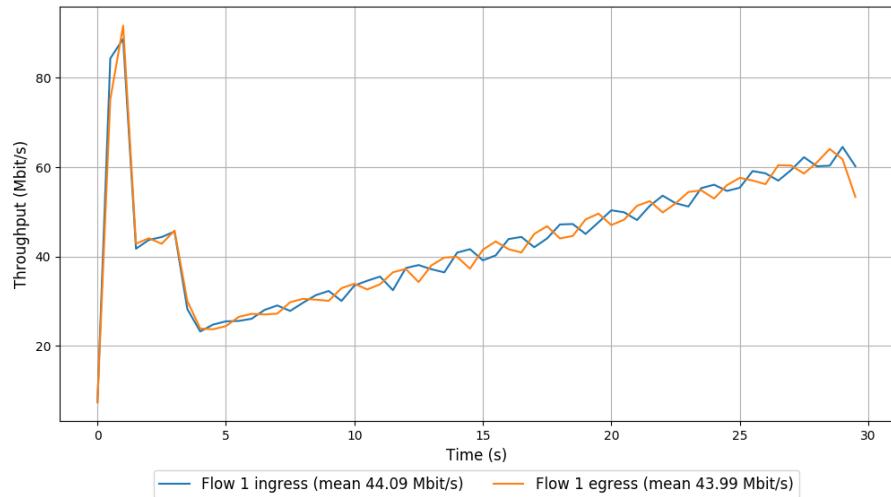


Run 5: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 12:07:07 +0000
End at: Wed, 05 Jul 2017 12:07:37 +0000
Local clock offset: 0.702 ms
Remote clock offset: -3.257 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.99 Mbit/s
95th percentile per-packet one-way delay: 45.960 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 43.99 Mbit/s
95th percentile per-packet one-way delay: 45.960 ms
Loss rate: 0.51%
```

Run 5: Report of TCP Vegas — Data Link

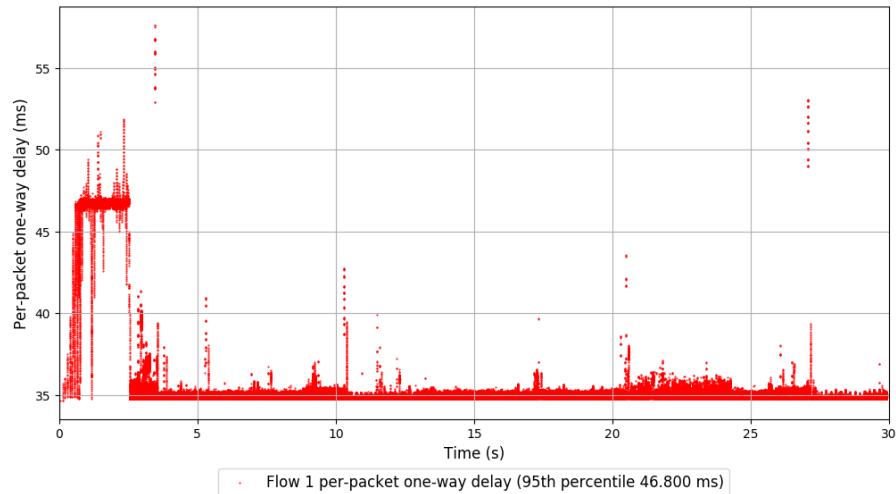
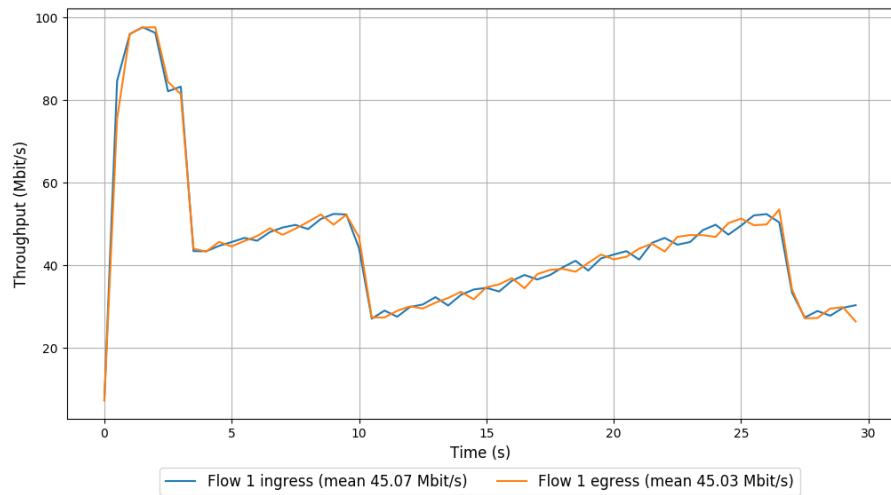


Run 6: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 12:26:39 +0000
End at: Wed, 05 Jul 2017 12:27:09 +0000
Local clock offset: 0.658 ms
Remote clock offset: -3.356 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 46.800 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 46.800 ms
Loss rate: 0.37%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 12:46:15 +0000

End at: Wed, 05 Jul 2017 12:46:45 +0000

Local clock offset: 0.645 ms

Remote clock offset: -2.907 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:28:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.27 Mbit/s

95th percentile per-packet one-way delay: 44.294 ms

Loss rate: 0.19%

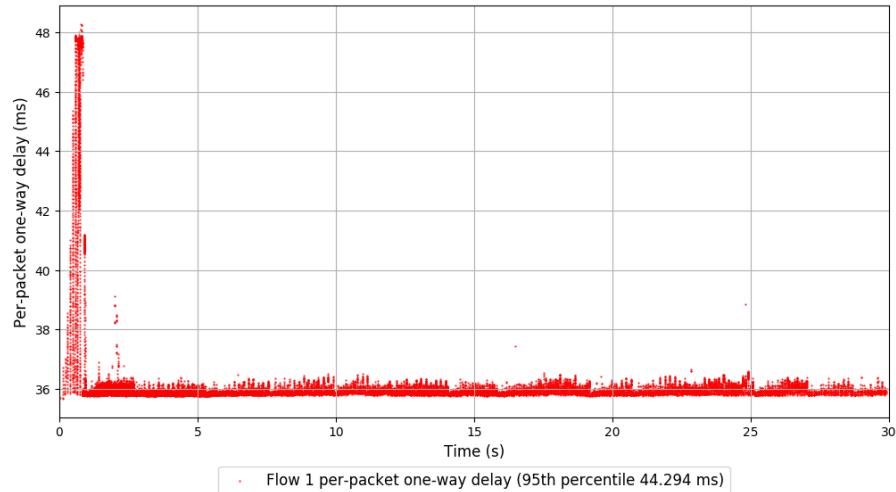
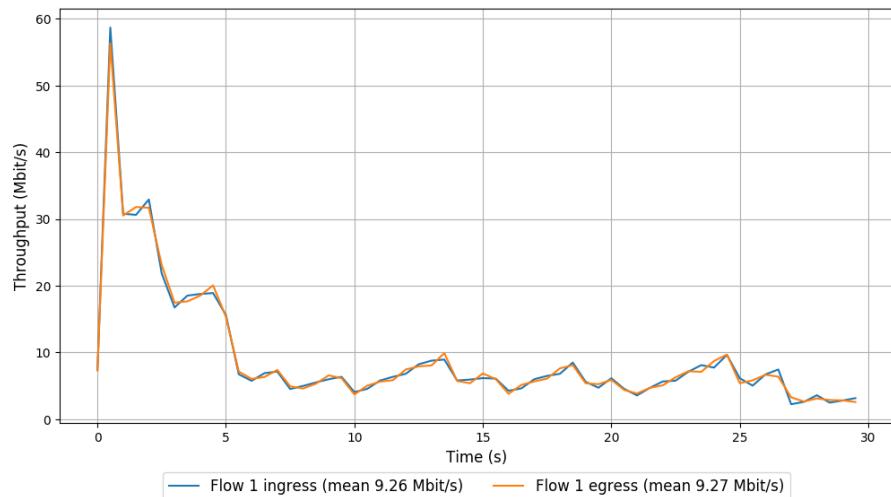
-- Flow 1:

Average throughput: 9.27 Mbit/s

95th percentile per-packet one-way delay: 44.294 ms

Loss rate: 0.19%

Run 7: Report of TCP Vegas — Data Link

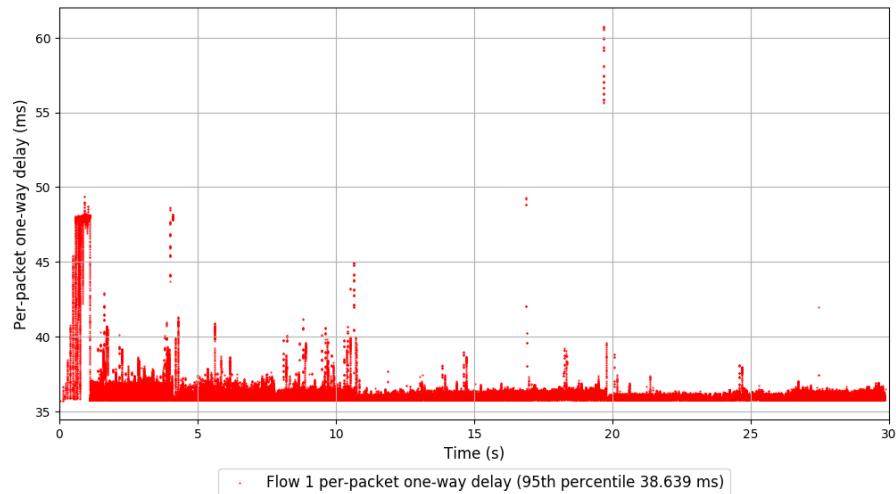
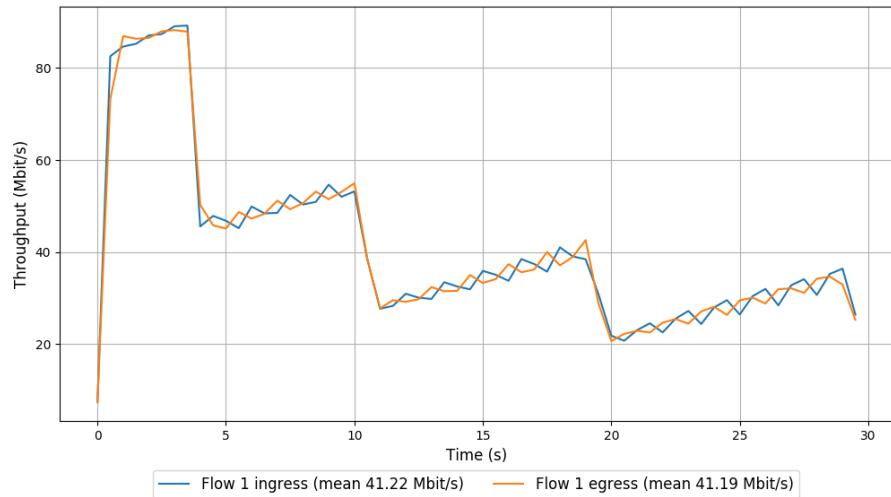


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 13:05:56 +0000
End at: Wed, 05 Jul 2017 13:06:26 +0000
Local clock offset: 0.648 ms
Remote clock offset: -5.47 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 38.639 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 38.639 ms
Loss rate: 0.37%
```

Run 8: Report of TCP Vegas — Data Link

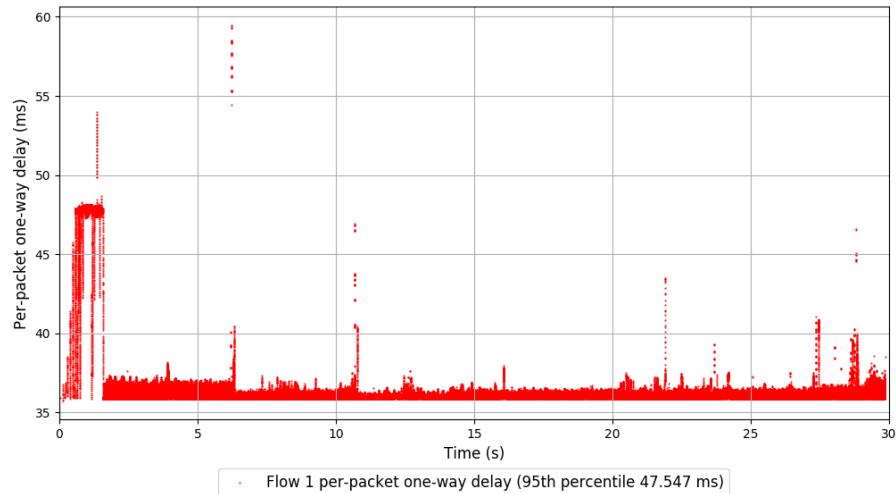
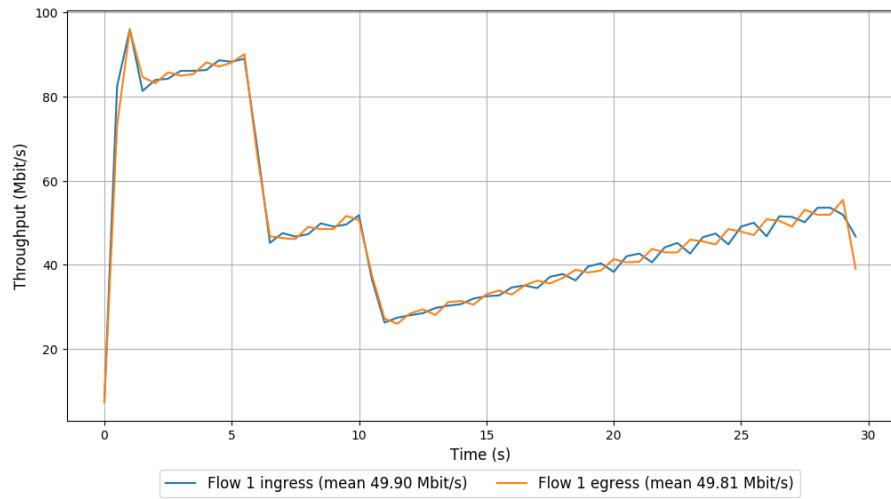


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 13:25:31 +0000
End at: Wed, 05 Jul 2017 13:26:01 +0000
Local clock offset: 0.589 ms
Remote clock offset: -2.8 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:28:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 47.547 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 47.547 ms
Loss rate: 0.47%
```

Run 9: Report of TCP Vegas — Data Link

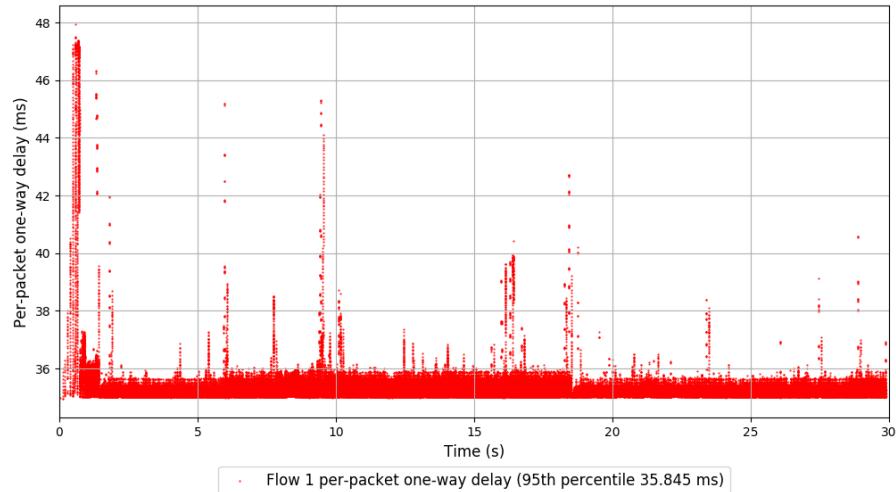
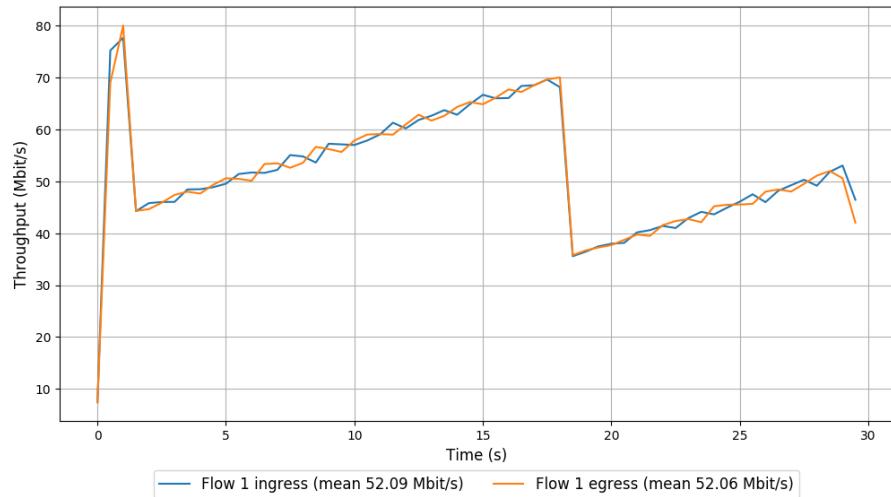


Run 10: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 13:45:14 +0000
End at: Wed, 05 Jul 2017 13:45:44 +0000
Local clock offset: 0.65 ms
Remote clock offset: -4.822 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.06 Mbit/s
95th percentile per-packet one-way delay: 35.845 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 52.06 Mbit/s
95th percentile per-packet one-way delay: 35.845 ms
Loss rate: 0.34%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Wed, 05 Jul 2017 10:47:08 +0000
End at: Wed, 05 Jul 2017 10:47:38 +0000
Local clock offset: 0.64 ms
Remote clock offset: -2.531 ms

Run 1: Report of Verus — Data Link

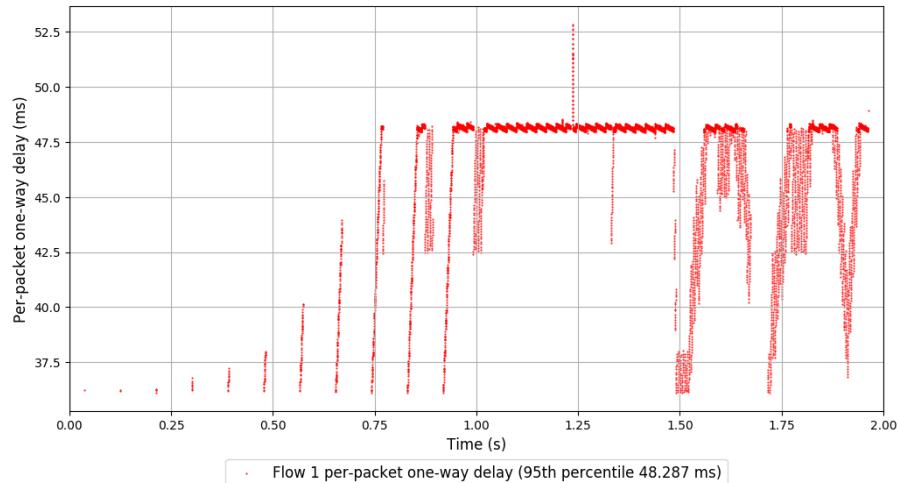
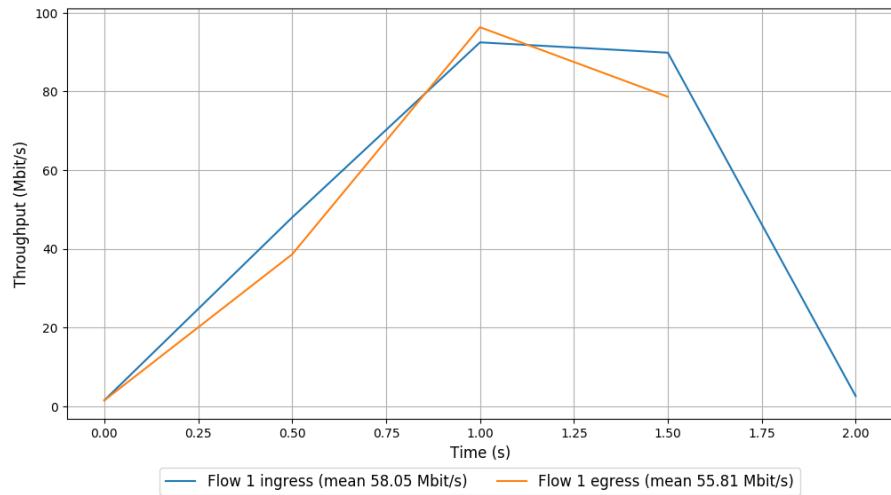
Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:06:52 +0000
End at: Wed, 05 Jul 2017 11:07:22 +0000
Local clock offset: 0.606 ms
Remote clock offset: -4.597 ms

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:26:35 +0000
End at: Wed, 05 Jul 2017 11:27:05 +0000
Local clock offset: 0.721 ms
Remote clock offset: -4.741 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: Wed, 05 Jul 2017 11:46:06 +0000
End at: Wed, 05 Jul 2017 11:46:36 +0000
Local clock offset: 0.712 ms
Remote clock offset: -4.864 ms

Run 4: Report of Verus — Data Link

Figure is missing

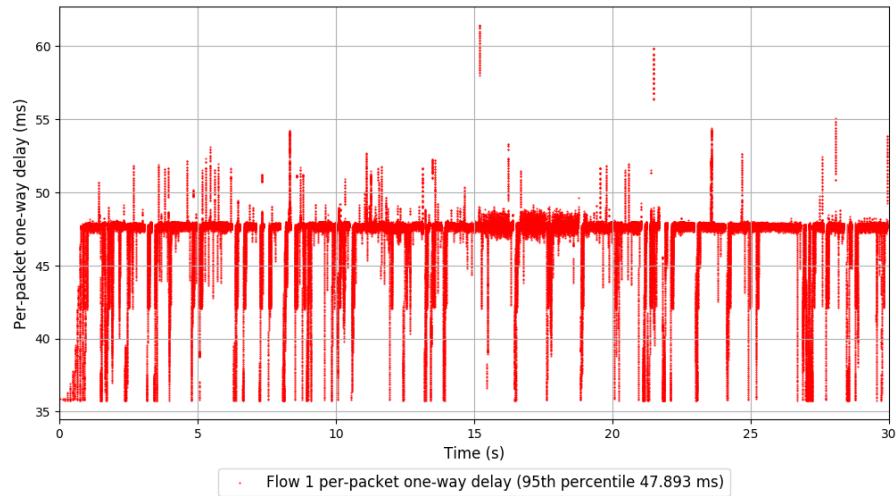
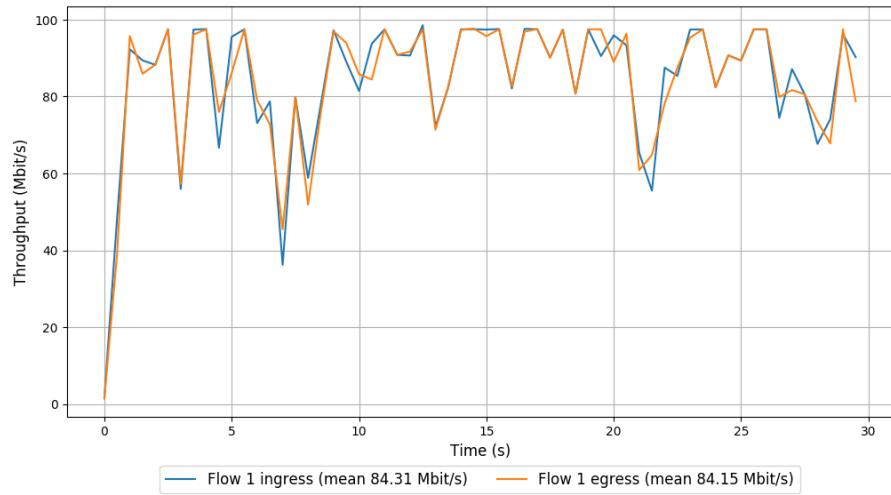
Figure is missing

Run 5: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 12:05:45 +0000
End at: Wed, 05 Jul 2017 12:06:15 +0000
Local clock offset: 0.693 ms
Remote clock offset: -2.871 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.15 Mbit/s
95th percentile per-packet one-way delay: 47.893 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 84.15 Mbit/s
95th percentile per-packet one-way delay: 47.893 ms
Loss rate: 0.47%
```

Run 5: Report of Verus — Data Link

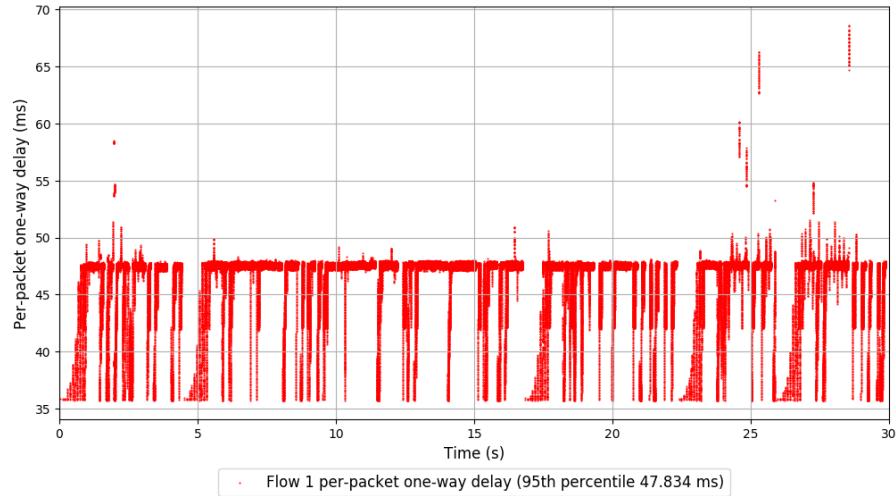
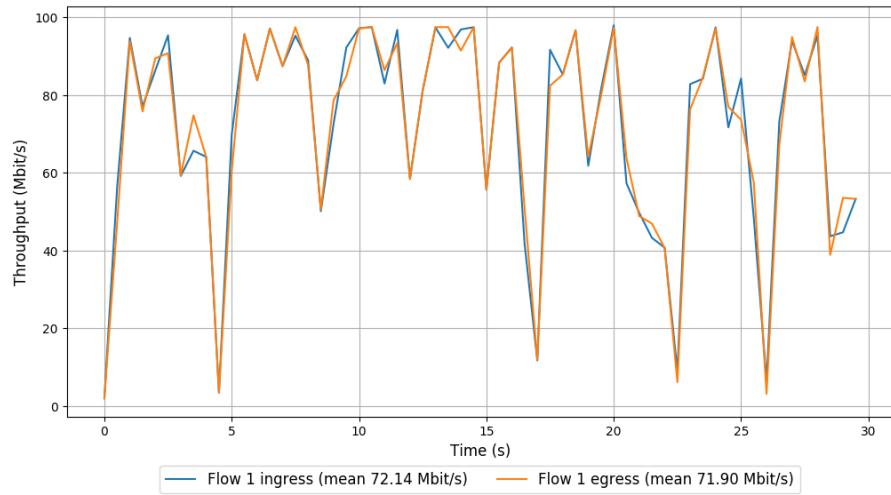


Run 6: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 12:25:18 +0000
End at: Wed, 05 Jul 2017 12:25:48 +0000
Local clock offset: 0.737 ms
Remote clock offset: -4.887 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 47.834 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 47.834 ms
Loss rate: 0.29%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Wed, 05 Jul 2017 12:45:00 +0000

End at: Wed, 05 Jul 2017 12:45:30 +0000

Local clock offset: 0.696 ms

Remote clock offset: -5.4 ms

Run 7: Report of Verus — Data Link

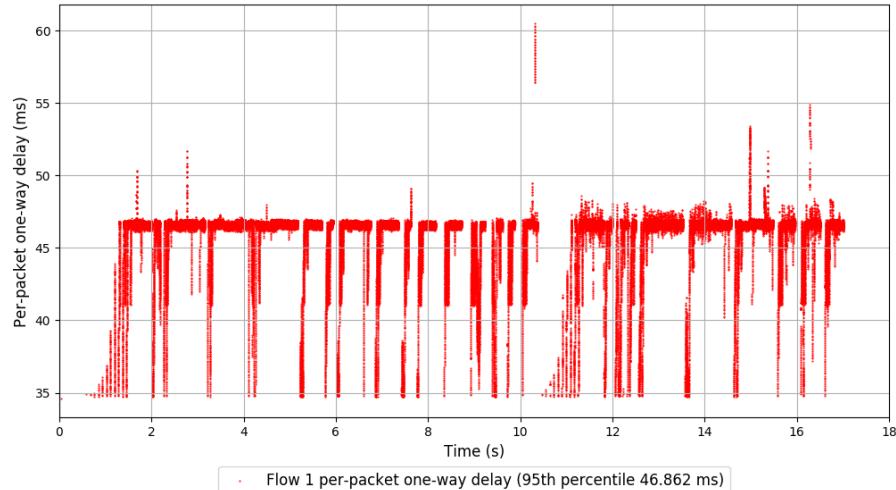
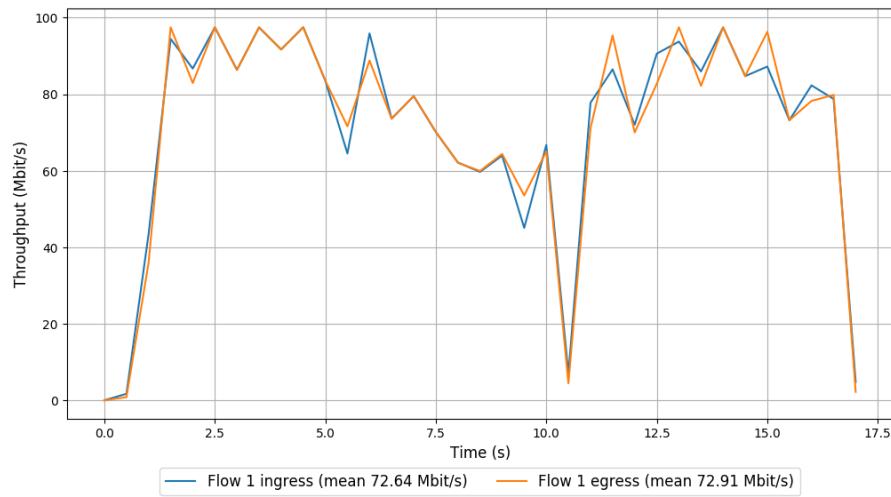
Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: Wed, 05 Jul 2017 13:04:37 +0000
End at: Wed, 05 Jul 2017 13:05:07 +0000
Local clock offset: 0.705 ms
Remote clock offset: -2.517 ms

Run 8: Report of Verus — Data Link

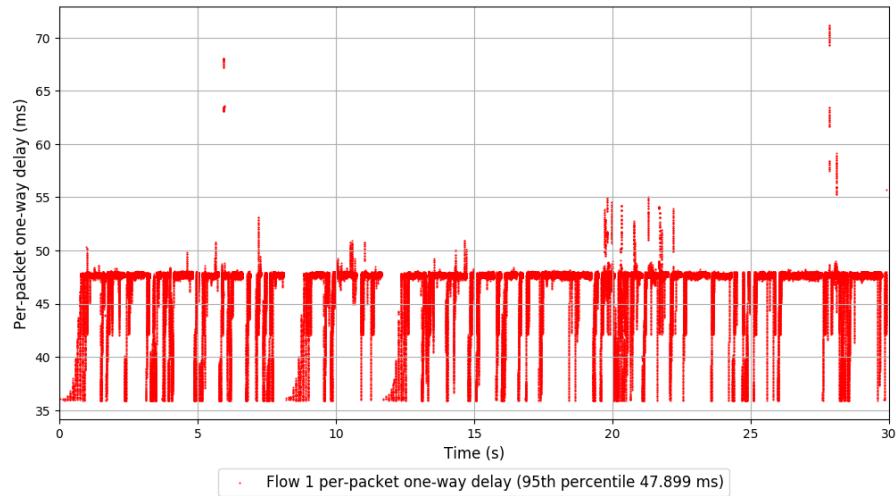
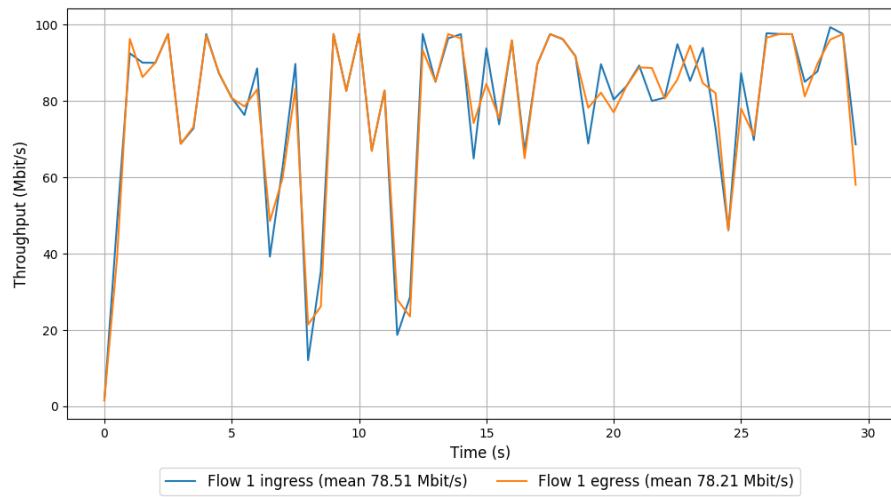


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 13:24:09 +0000
End at: Wed, 05 Jul 2017 13:24:39 +0000
Local clock offset: 0.572 ms
Remote clock offset: -2.81 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 47.899 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 47.899 ms
Loss rate: 0.66%
```

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

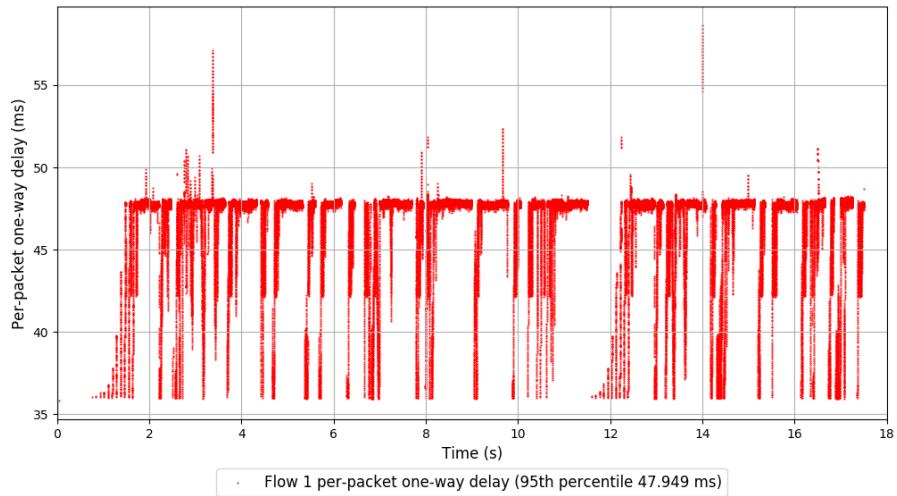
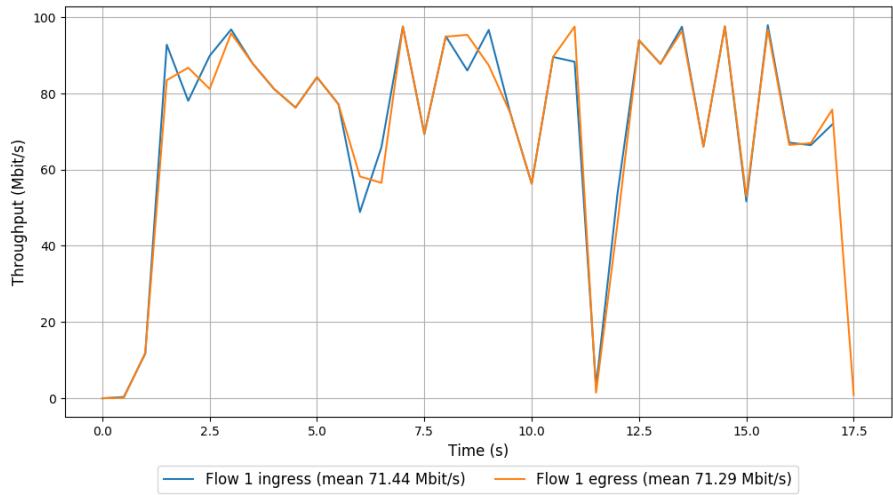
Start at: Wed, 05 Jul 2017 13:43:54 +0000

End at: Wed, 05 Jul 2017 13:44:24 +0000

Local clock offset: 0.564 ms

Remote clock offset: -5.132 ms

Run 10: Report of Verus — Data Link

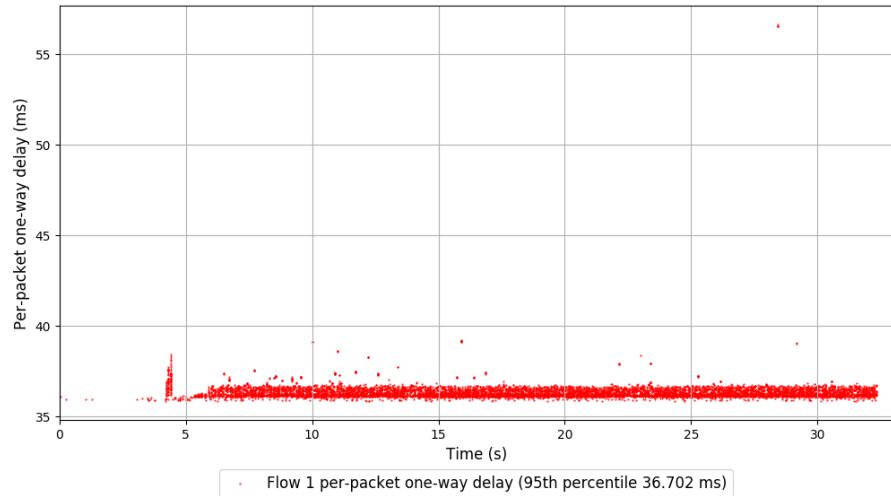
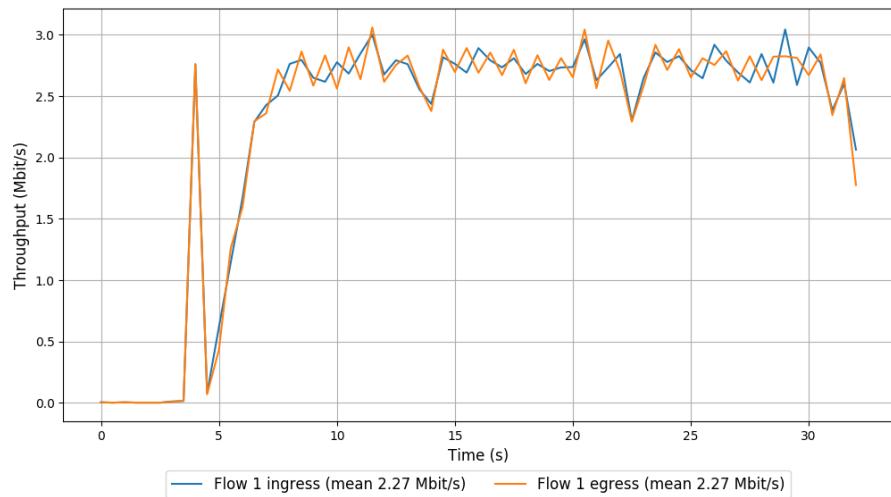


```
Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:41:56 +0000
End at: Wed, 05 Jul 2017 10:42:26 +0000
Local clock offset: 0.632 ms
Remote clock offset: -1.968 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.702 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.702 ms
Loss rate: 0.30%
```

Run 1: Report of WebRTC media — Data Link

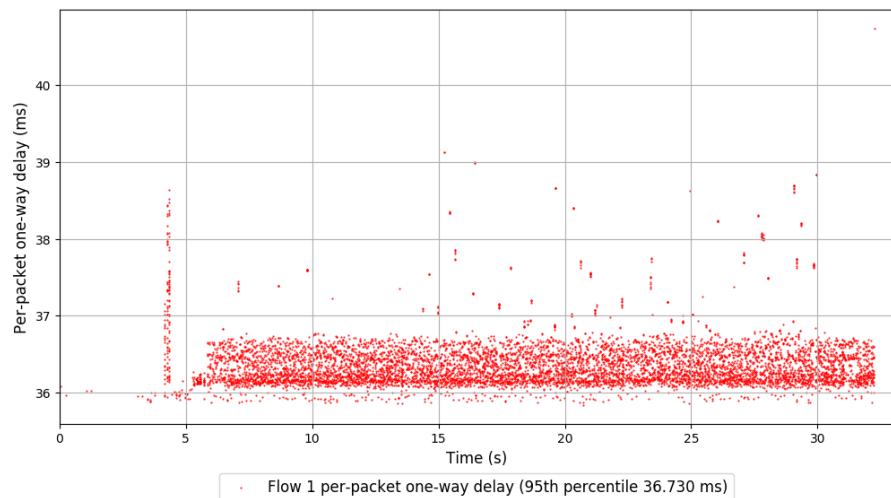
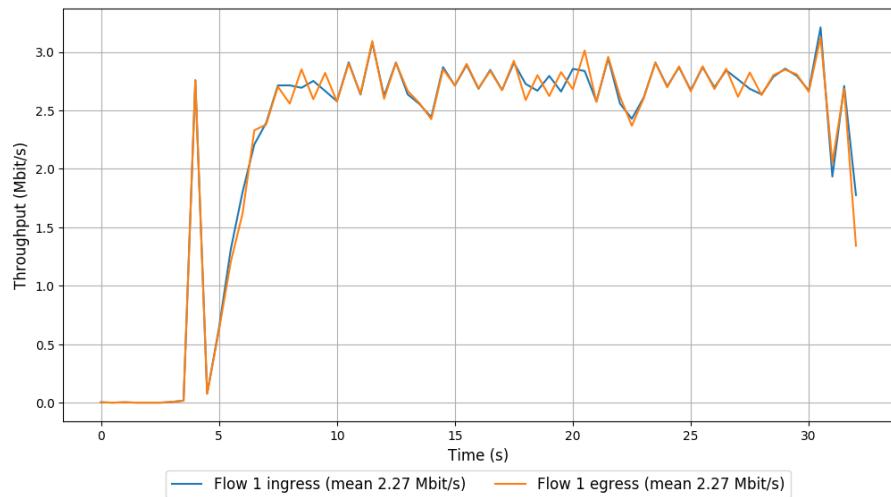


Run 2: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:01:39 +0000
End at: Wed, 05 Jul 2017 11:02:09 +0000
Local clock offset: 0.712 ms
Remote clock offset: -2.555 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.730 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.730 ms
Loss rate: 0.44%
```

Run 2: Report of WebRTC media — Data Link

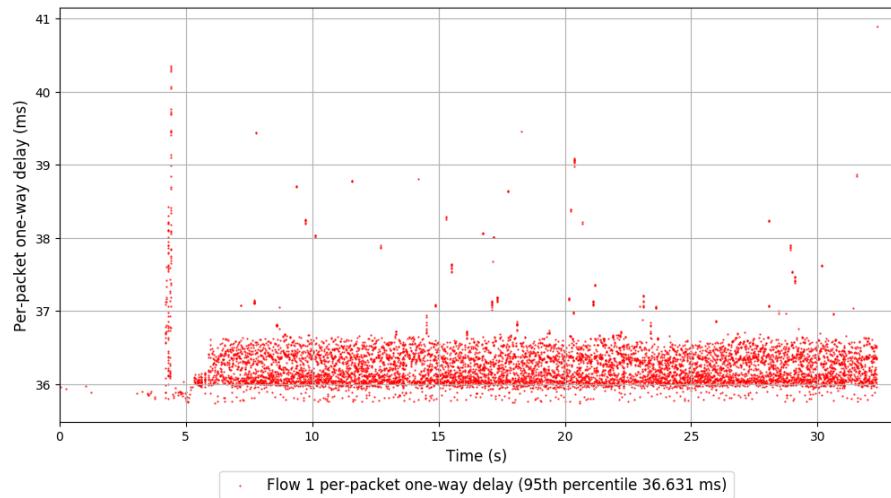
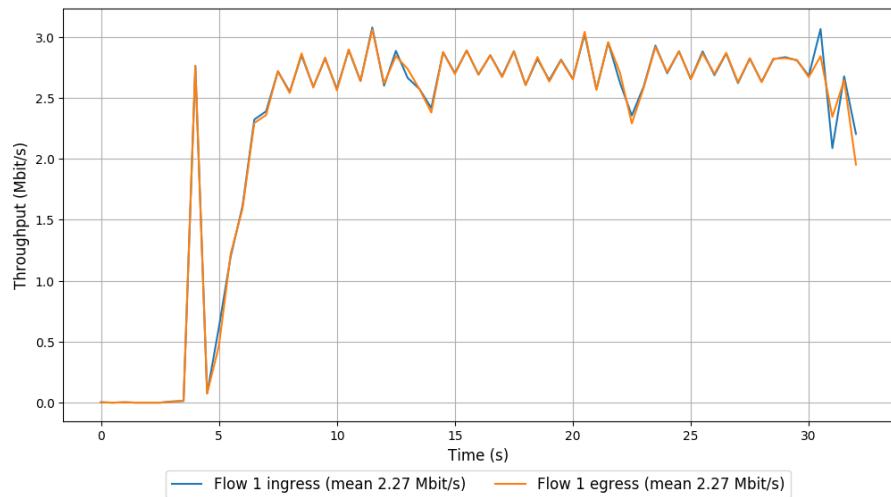


Run 3: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:21:23 +0000
End at: Wed, 05 Jul 2017 11:21:53 +0000
Local clock offset: 0.712 ms
Remote clock offset: -5.087 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.631 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.631 ms
Loss rate: 0.33%
```

Run 3: Report of WebRTC media — Data Link

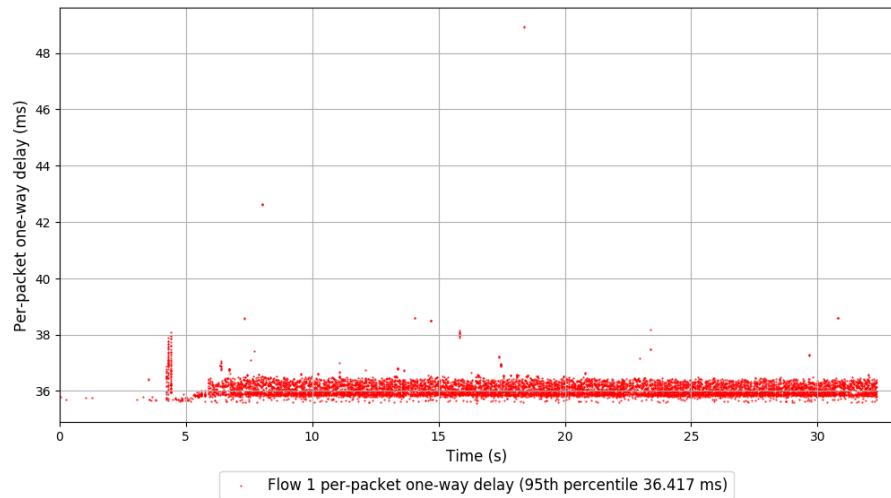
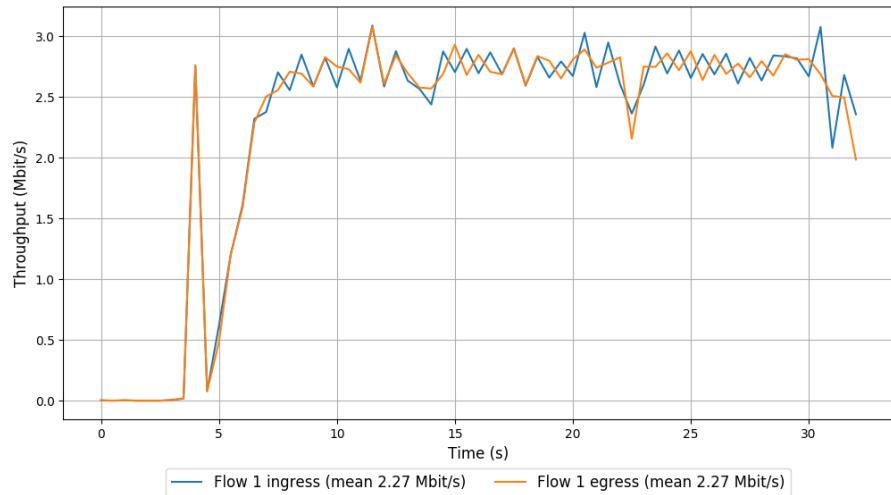


Run 4: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:40:56 +0000
End at: Wed, 05 Jul 2017 11:41:26 +0000
Local clock offset: 0.715 ms
Remote clock offset: -4.915 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.417 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.417 ms
Loss rate: 0.40%
```

Run 4: Report of WebRTC media — Data Link

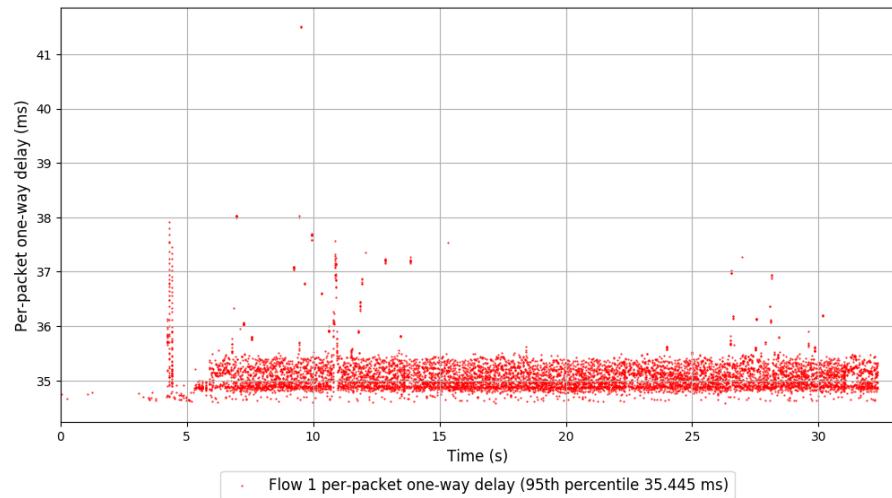
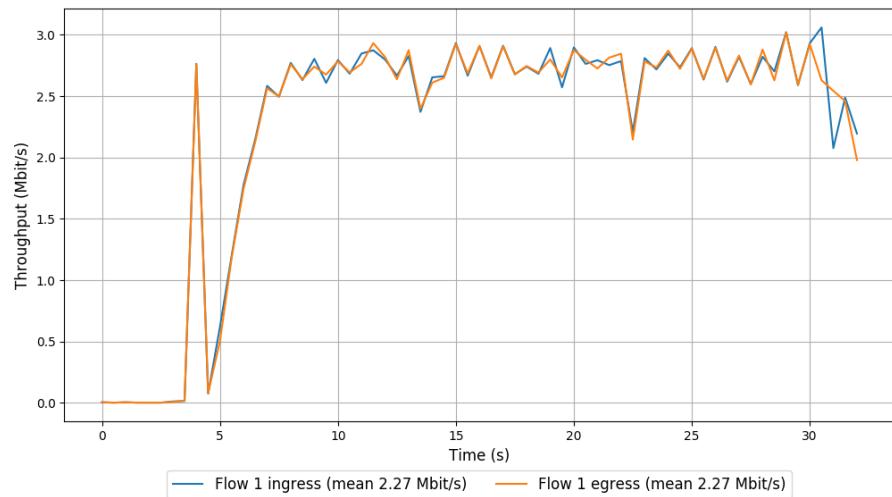


Run 5: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:00:35 +0000
End at: Wed, 05 Jul 2017 12:01:05 +0000
Local clock offset: 0.702 ms
Remote clock offset: -3.268 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 35.445 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 35.445 ms
Loss rate: 0.30%
```

Run 5: Report of WebRTC media — Data Link

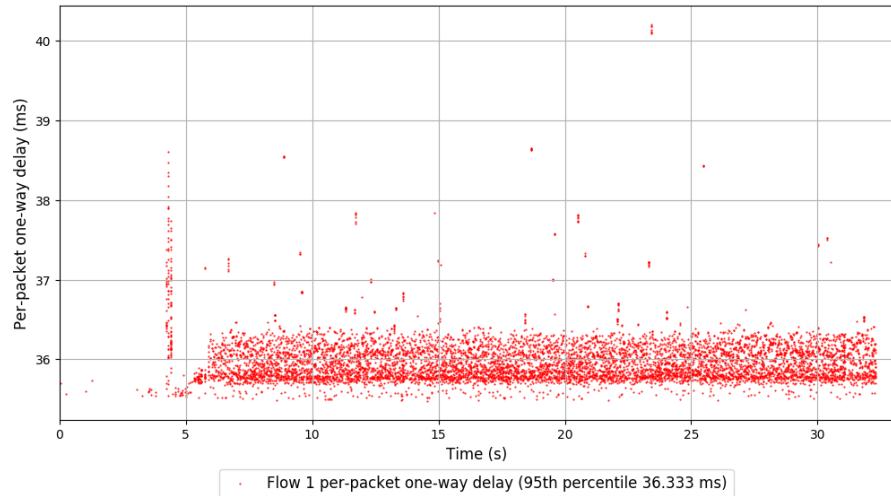
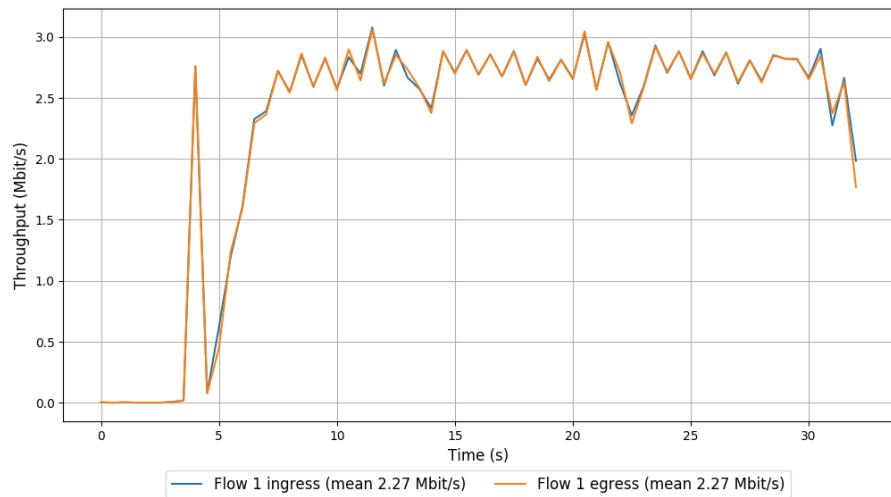


```
Run 6: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 12:20:15 +0000
End at: Wed, 05 Jul 2017 12:20:45 +0000
Local clock offset: 0.618 ms
Remote clock offset: -2.867 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.333 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.333 ms
Loss rate: 0.30%
```

Run 6: Report of WebRTC media — Data Link

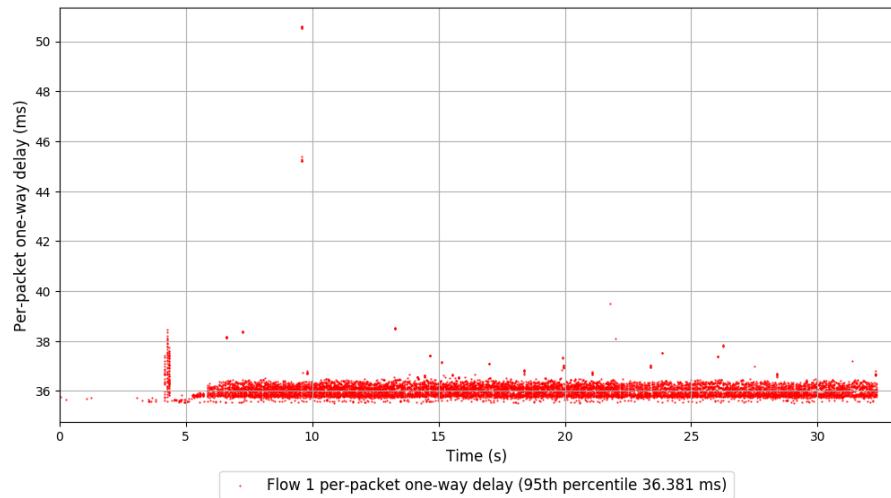
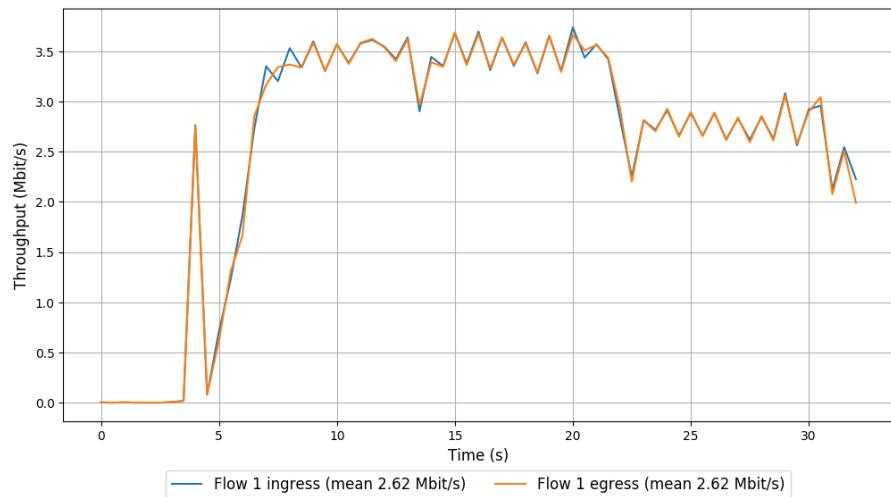


Run 7: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:39:49 +0000
End at: Wed, 05 Jul 2017 12:40:19 +0000
Local clock offset: 0.726 ms
Remote clock offset: -3.357 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 36.381 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 36.381 ms
Loss rate: 0.34%
```

Run 7: Report of WebRTC media — Data Link

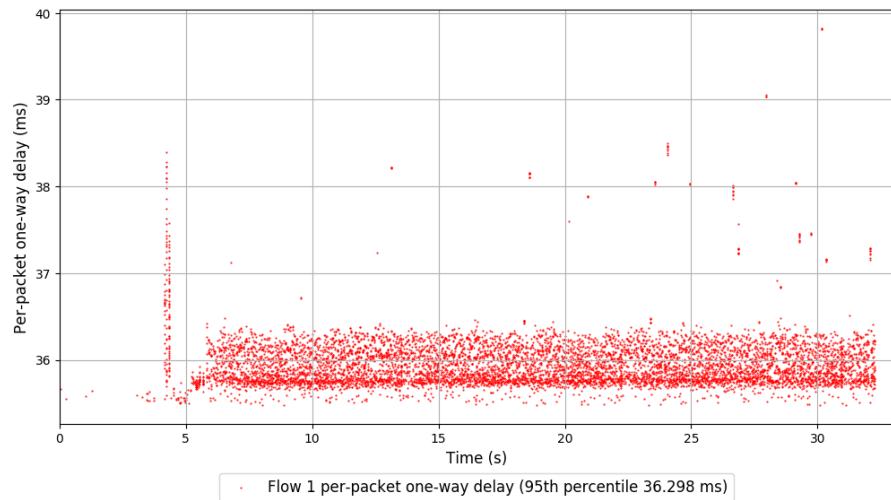
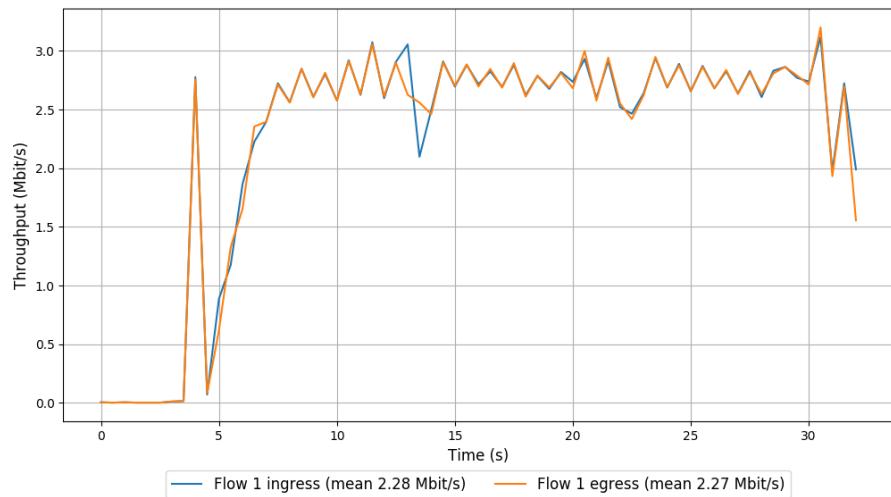


Run 8: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:59:27 +0000
End at: Wed, 05 Jul 2017 12:59:57 +0000
Local clock offset: 0.653 ms
Remote clock offset: -3.289 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.298 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 36.298 ms
Loss rate: 0.45%
```

Run 8: Report of WebRTC media — Data Link

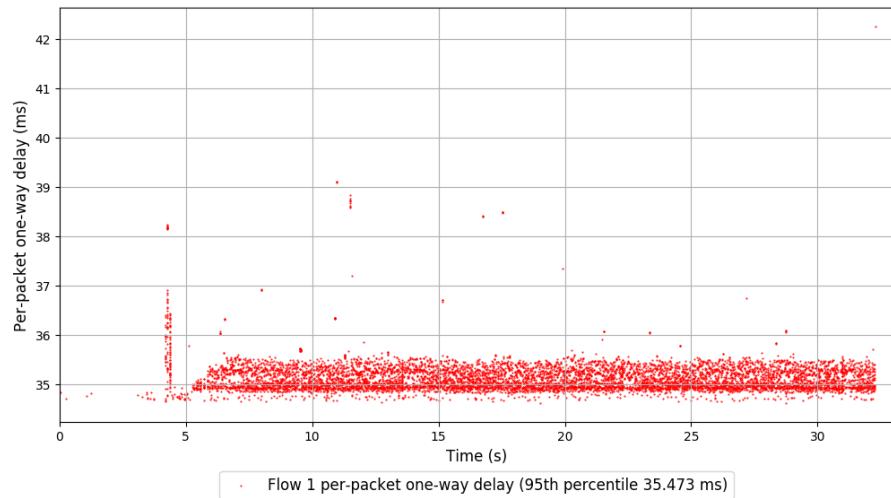
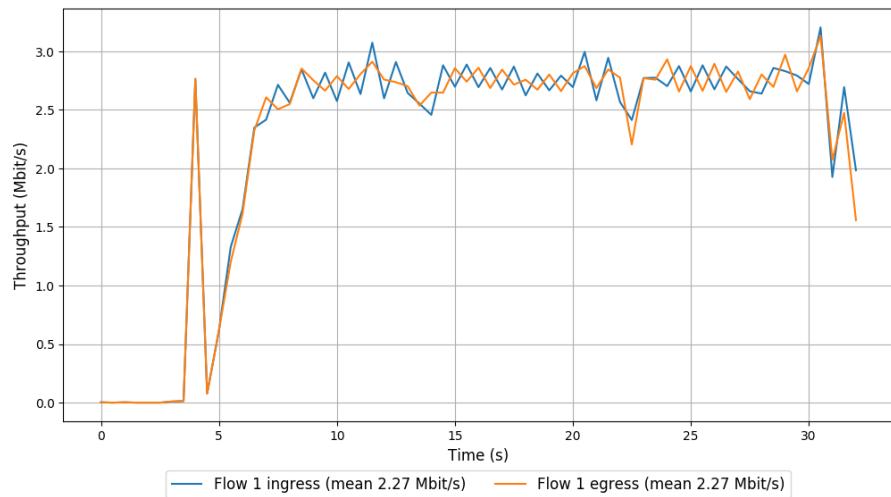


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 13:18:59 +0000
End at: Wed, 05 Jul 2017 13:19:29 +0000
Local clock offset: 0.571 ms
Remote clock offset: -2.485 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 35.473 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 35.473 ms
Loss rate: 0.44%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: Wed, 05 Jul 2017 13:38:43 +0000
```

```
End at: Wed, 05 Jul 2017 13:39:13 +0000
```

```
Local clock offset: 0.678 ms
```

```
Remote clock offset: -4.844 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 14:29:31 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.601 ms
```

```
Loss rate: 0.31%
```

```
-- Flow 1:
```

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.601 ms
```

```
Loss rate: 0.31%
```

Run 10: Report of WebRTC media — Data Link

