

Pantheon Summary (Generated at Tue, 04 Jul 2017 08:47:39 +0000 with
pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

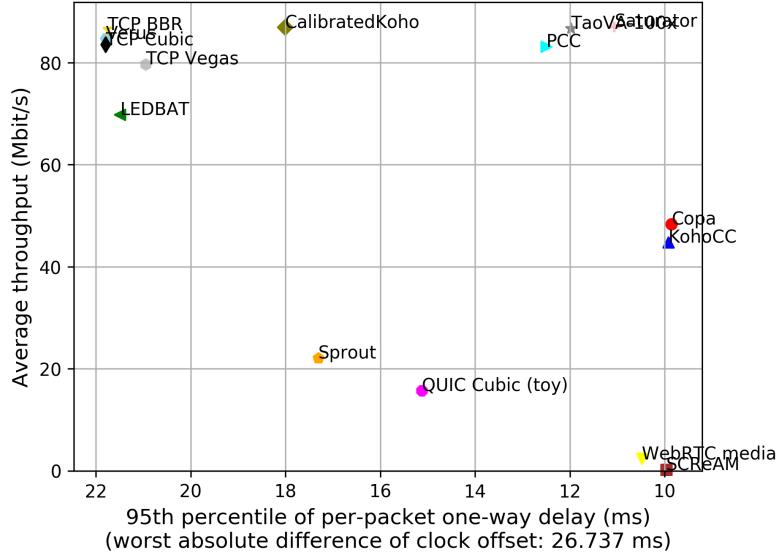
Each test lasted for 30 seconds running 1 flow.

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

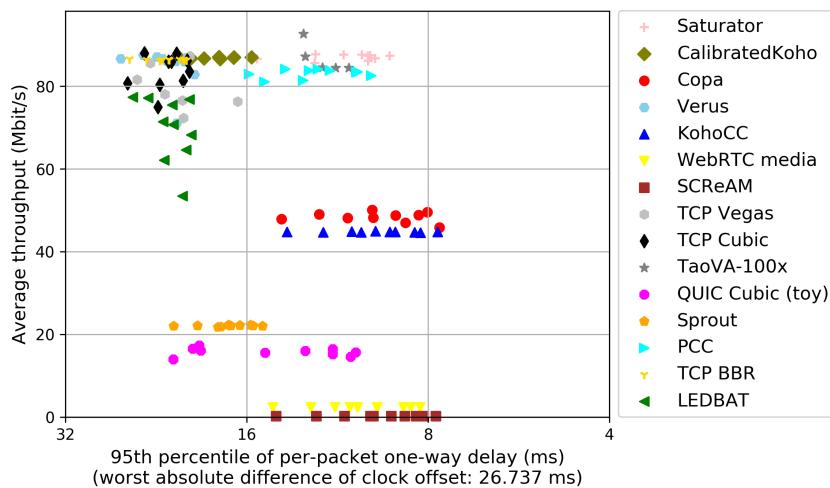
NTP offset measured against nets.org.sg.

```
git branch: master @ 55ce618ef3153403f57ca06ffe894ed6887bd36f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

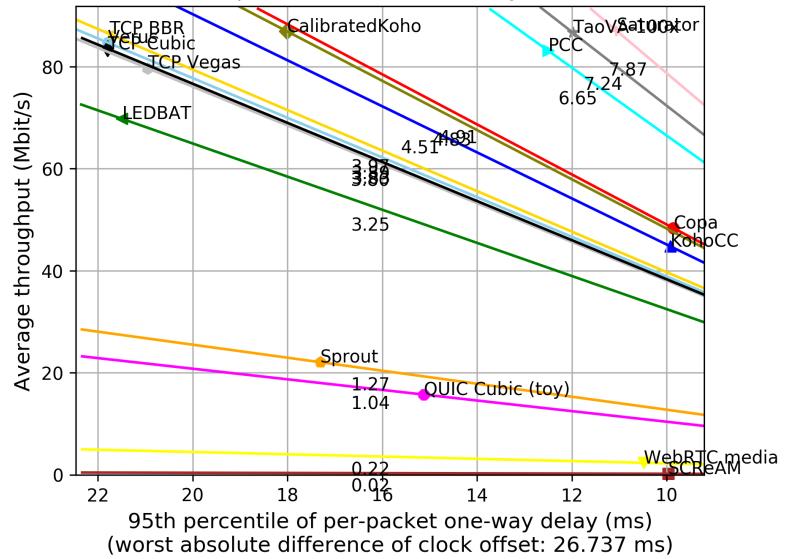
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



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

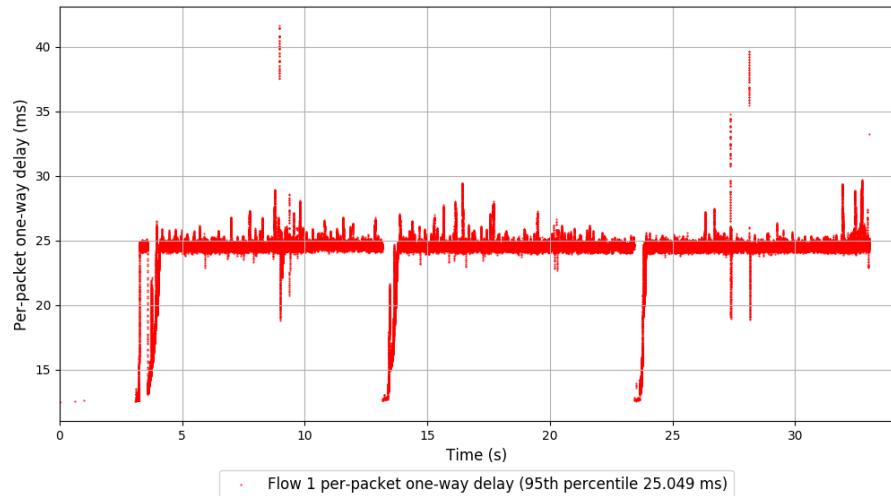
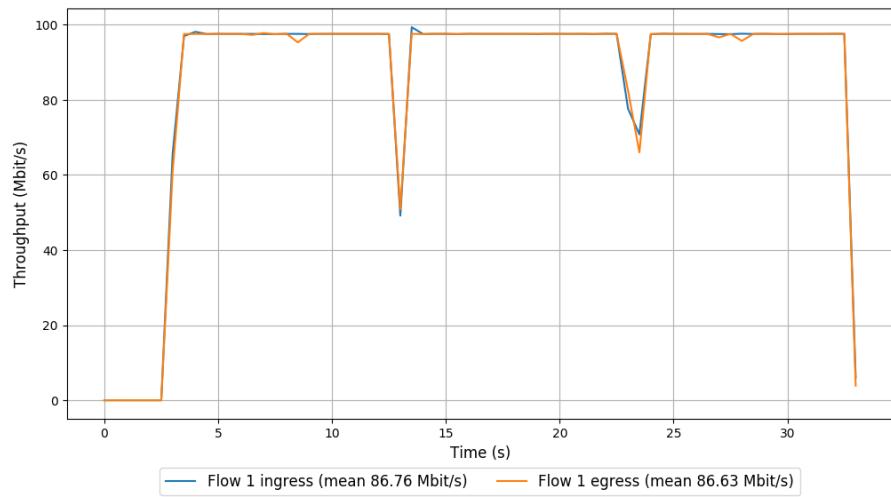


Run 1: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:46:25 +0000
End at: Tue, 04 Jul 2017 04:46:55 +0000
Local clock offset: 4.314 ms
Remote clock offset: -16.775 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 25.049 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 25.049 ms
Loss rate: 0.21%
```

Run 1: Report of TCP BBR — Data Link

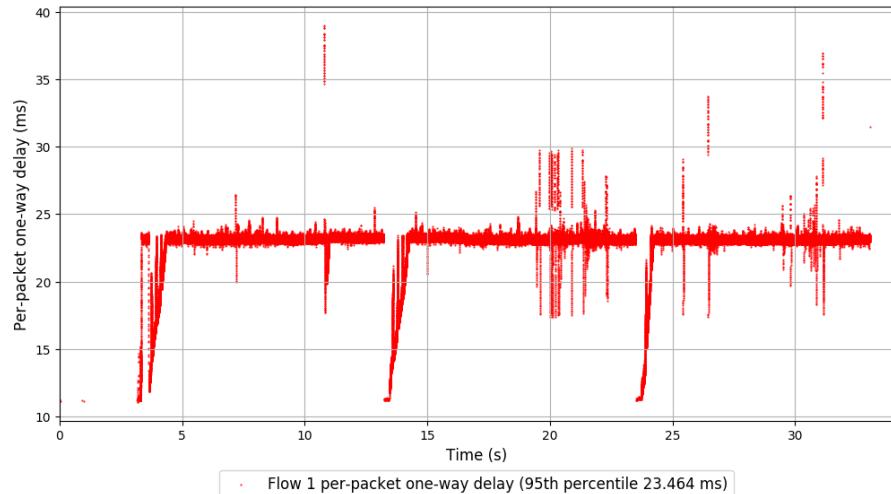
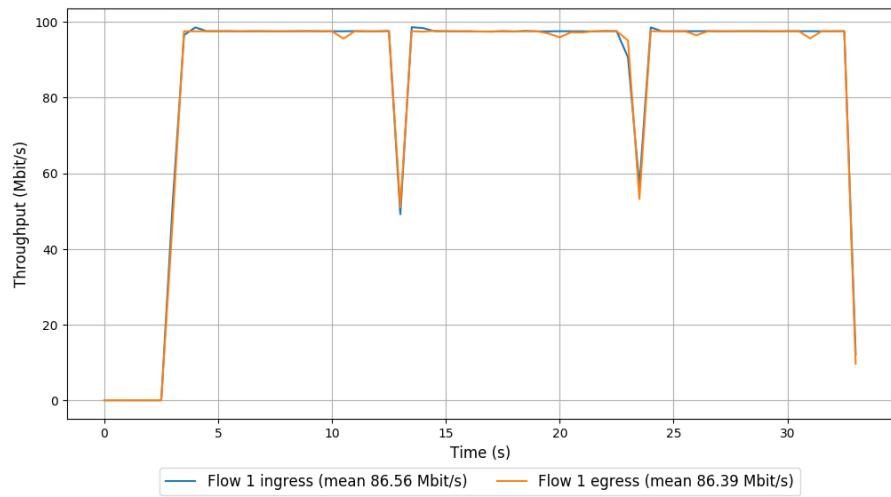


Run 2: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:04:43 +0000
End at: Tue, 04 Jul 2017 05:05:13 +0000
Local clock offset: 4.694 ms
Remote clock offset: -15.738 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 23.464 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 23.464 ms
Loss rate: 0.26%
```

Run 2: Report of TCP BBR — Data Link

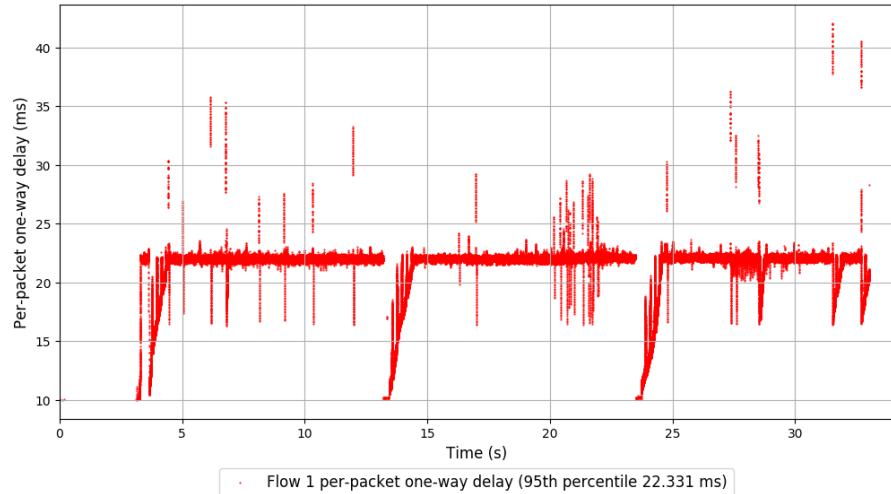
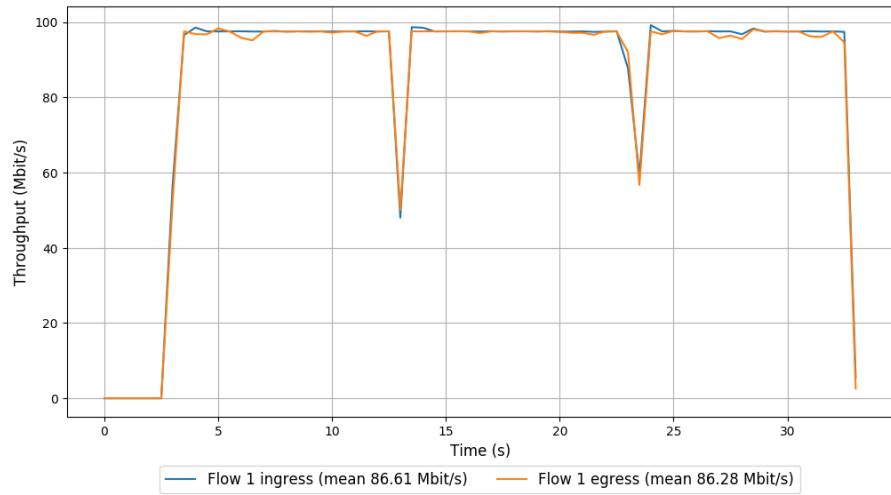


Run 3: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:22:42 +0000
End at: Tue, 04 Jul 2017 05:23:12 +0000
Local clock offset: 3.207 ms
Remote clock offset: -18.367 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 22.331 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 22.331 ms
Loss rate: 0.46%
```

Run 3: Report of TCP BBR — Data Link

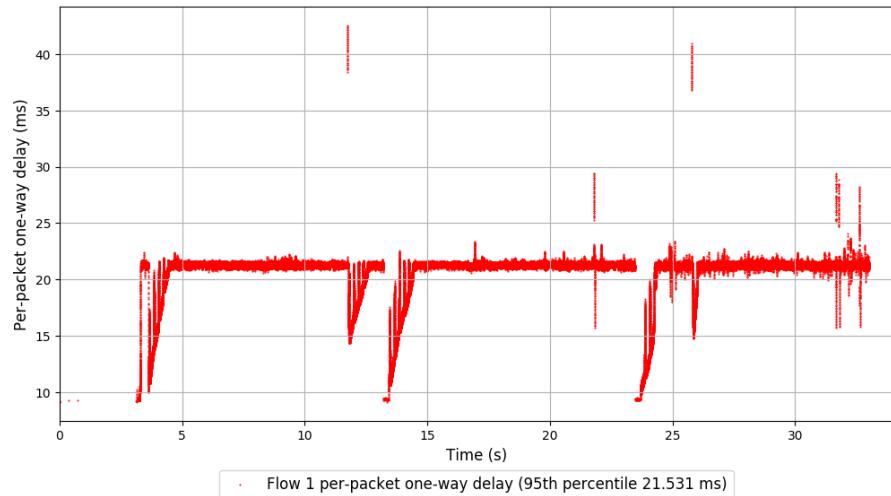
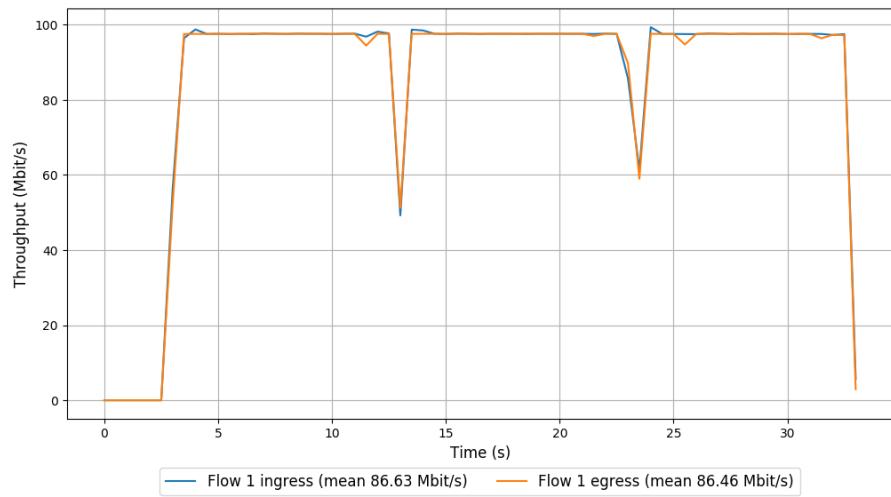


Run 4: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:40:31 +0000
End at: Tue, 04 Jul 2017 05:41:01 +0000
Local clock offset: 4.326 ms
Remote clock offset: -18.404 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 21.531 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 21.531 ms
Loss rate: 0.26%
```

Run 4: Report of TCP BBR — Data Link

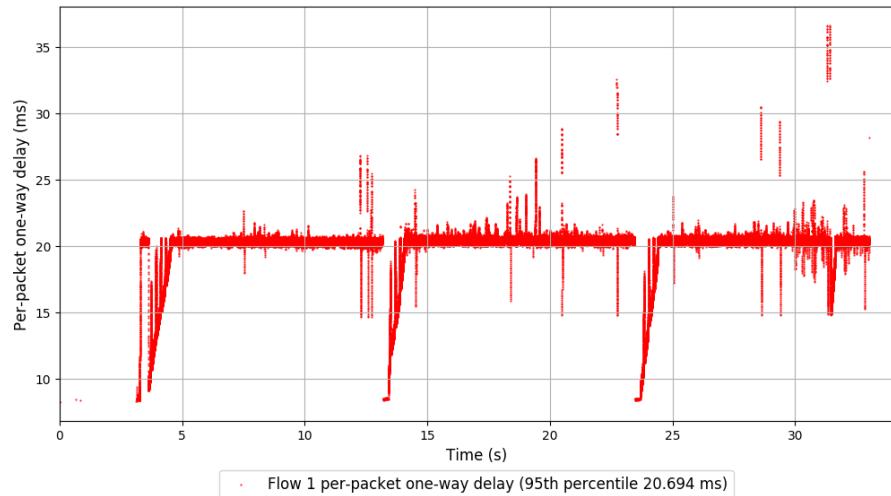
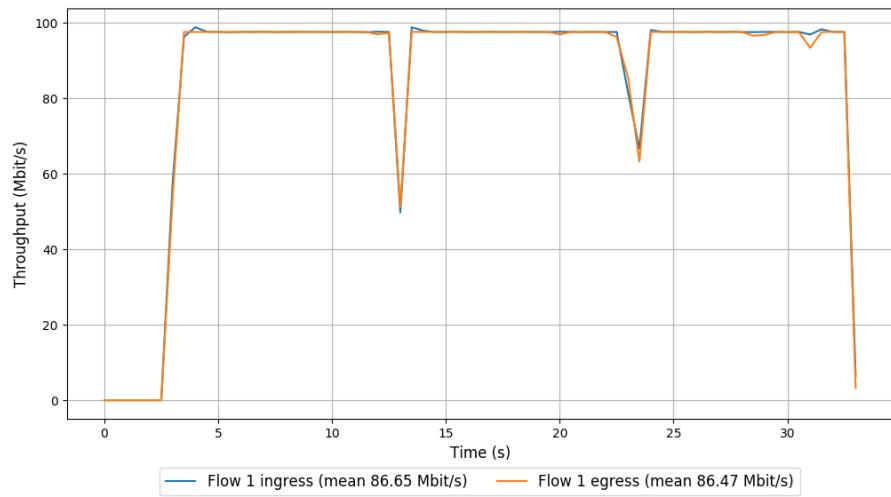


Run 5: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:57:50 +0000
End at: Tue, 04 Jul 2017 05:58:20 +0000
Local clock offset: 2.593 ms
Remote clock offset: -20.789 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 20.694 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 20.694 ms
Loss rate: 0.28%
```

Run 5: Report of TCP BBR — Data Link

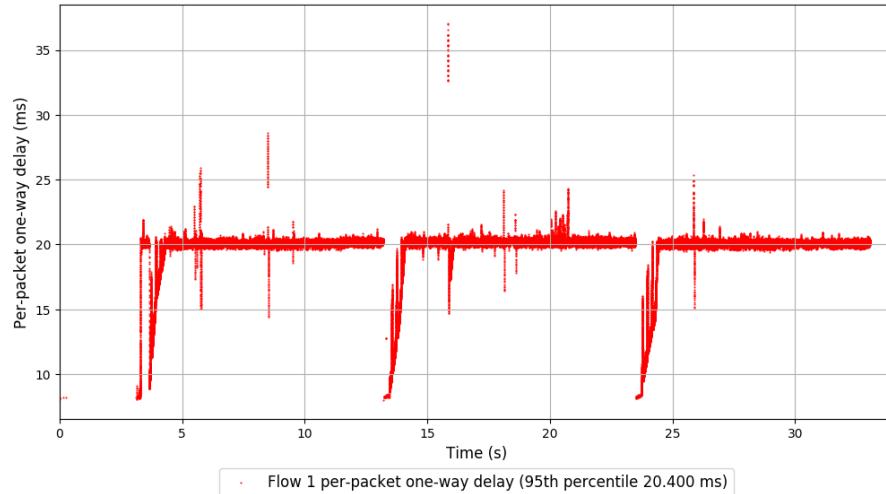
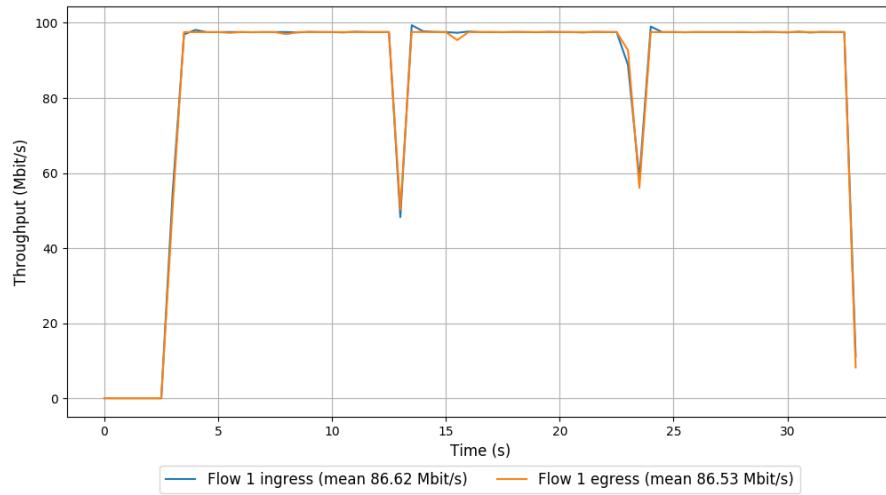


Run 6: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:15:17 +0000
End at: Tue, 04 Jul 2017 06:15:47 +0000
Local clock offset: 3.963 ms
Remote clock offset: -18.708 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 20.400 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 20.400 ms
Loss rate: 0.17%
```

Run 6: Report of TCP BBR — Data Link

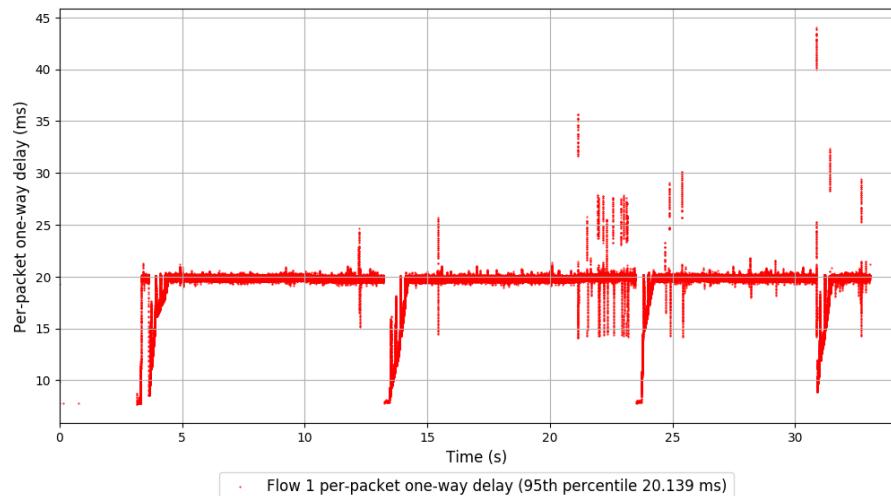
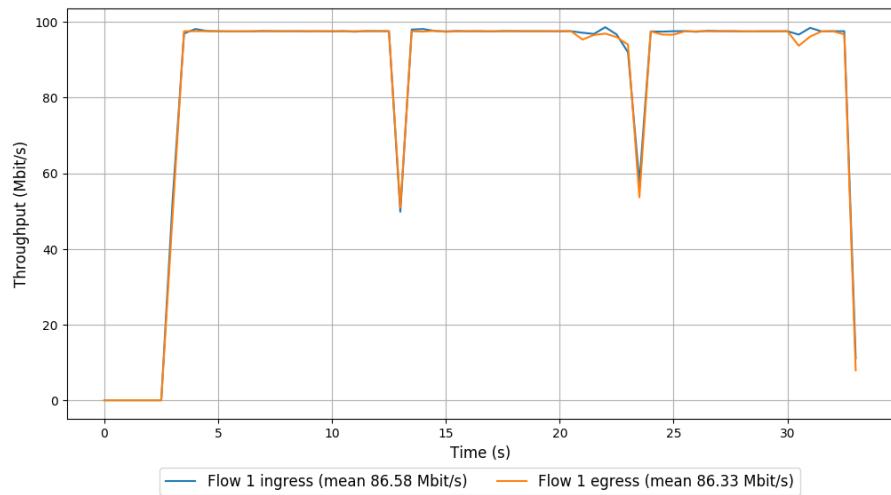


Run 7: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:32:41 +0000
End at: Tue, 04 Jul 2017 06:33:11 +0000
Local clock offset: 1.208 ms
Remote clock offset: -19.463 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 20.139 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 20.139 ms
Loss rate: 0.37%
```

Run 7: Report of TCP BBR — Data Link

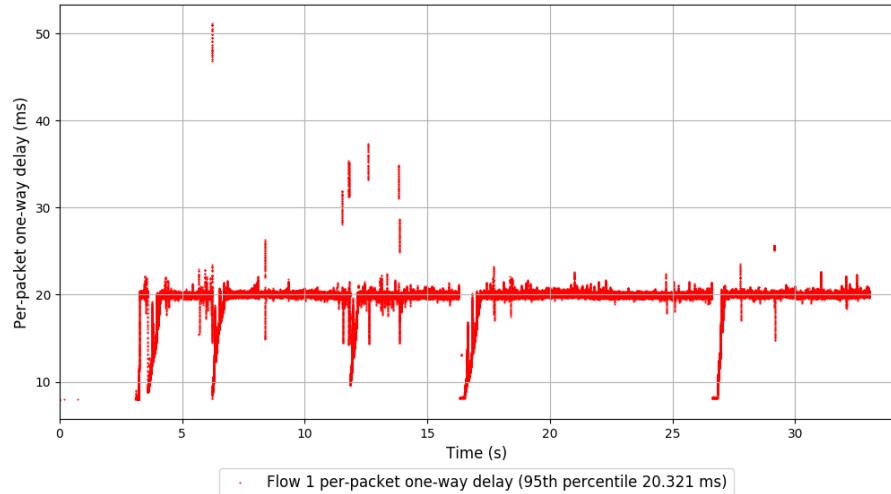
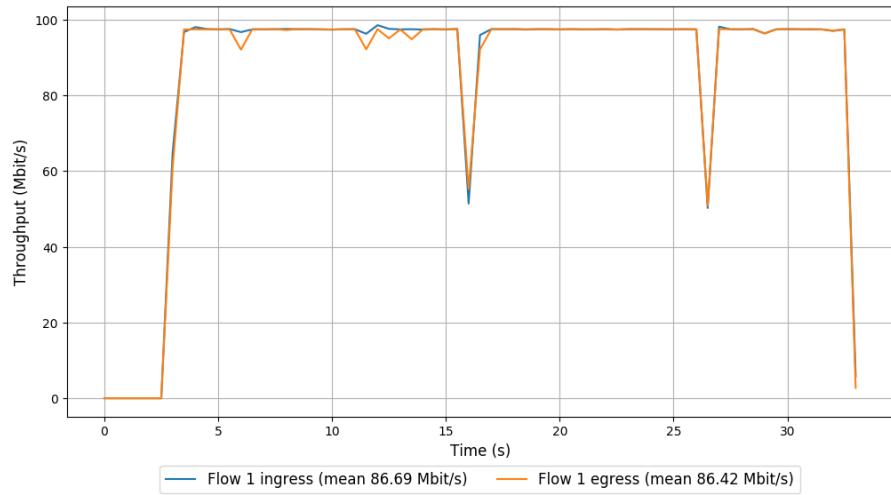


Run 8: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:50:15 +0000
End at: Tue, 04 Jul 2017 06:50:45 +0000
Local clock offset: 0.921 ms
Remote clock offset: -19.809 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 0.38%
```

Run 8: Report of TCP BBR — Data Link

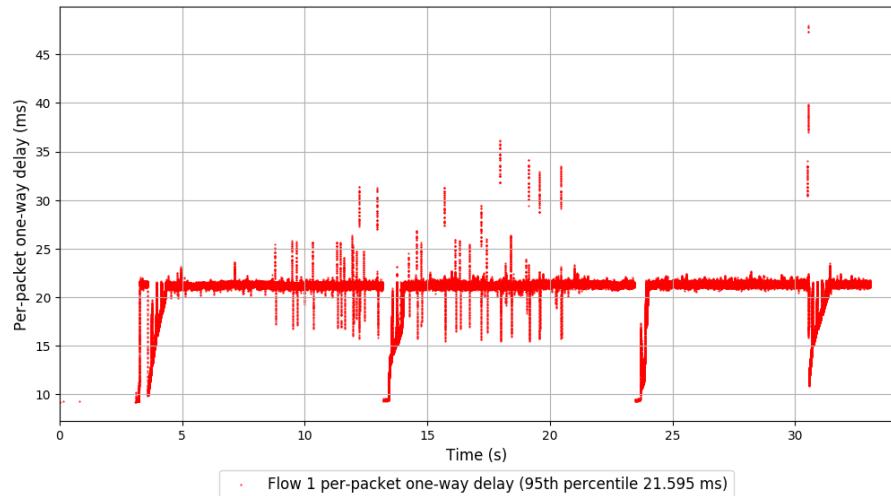
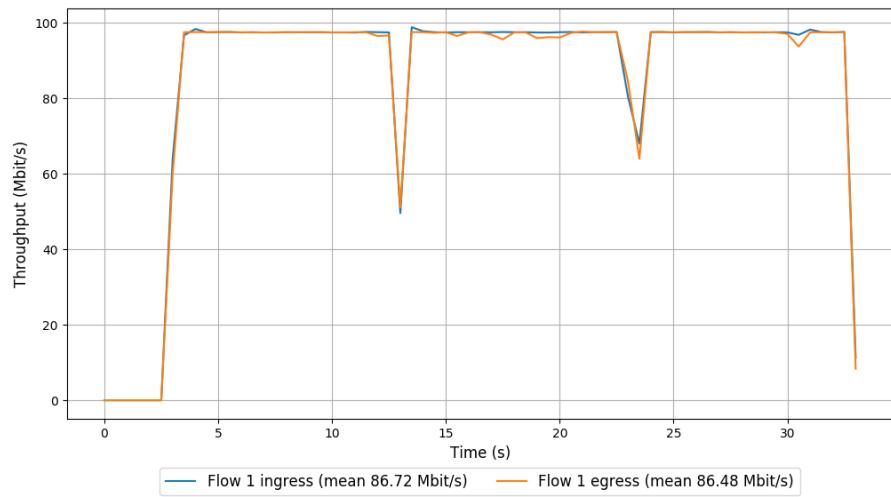


Run 9: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 07:08:01 +0000
End at: Tue, 04 Jul 2017 07:08:31 +0000
Local clock offset: 3.391 ms
Remote clock offset: -18.281 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.48 Mbit/s
95th percentile per-packet one-way delay: 21.595 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 86.48 Mbit/s
95th percentile per-packet one-way delay: 21.595 ms
Loss rate: 0.37%
```

Run 9: Report of TCP BBR — Data Link

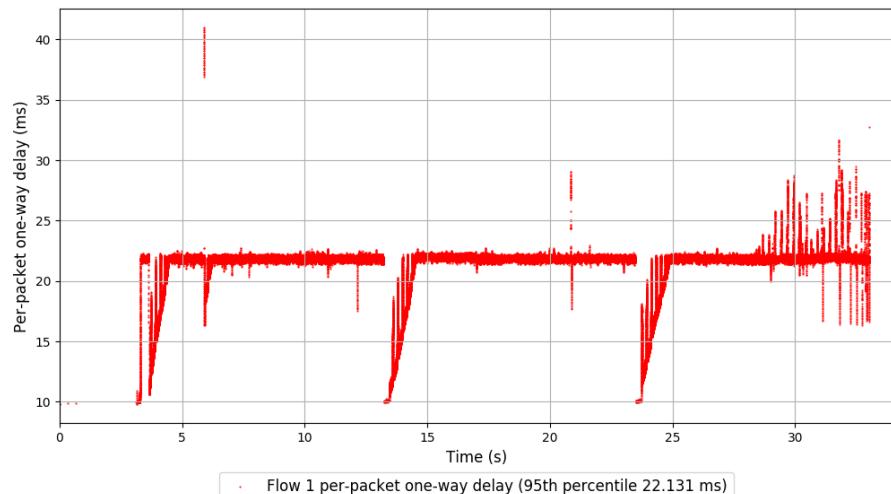
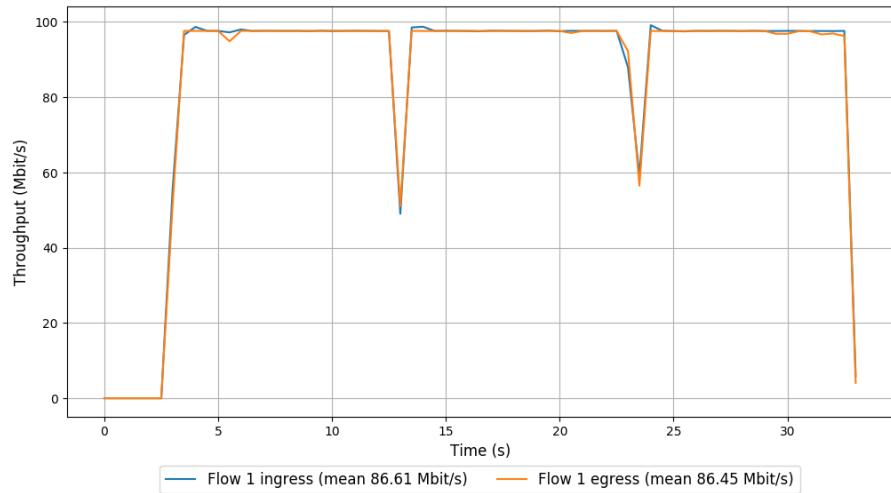


```
Run 10: Statistics of TCP BBR
```

```
Start at: Tue, 04 Jul 2017 07:25:31 +0000
End at: Tue, 04 Jul 2017 07:26:01 +0000
Local clock offset: 2.453 ms
Remote clock offset: -20.533 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 22.131 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 22.131 ms
Loss rate: 0.24%
```

Run 10: Report of TCP BBR — Data Link

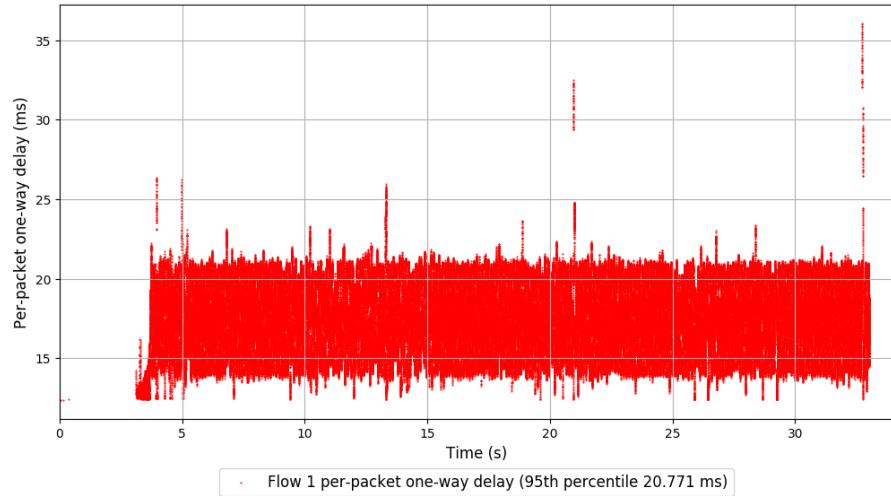
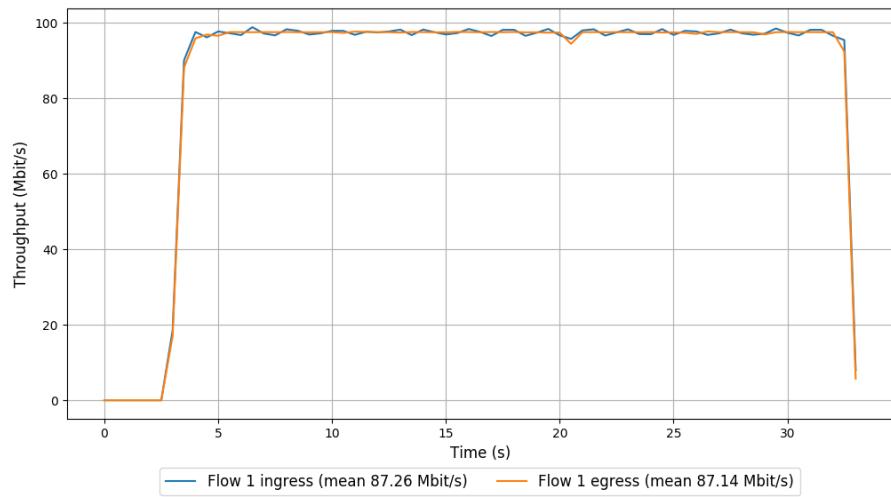


```
Run 1: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 04:47:59 +0000
End at: Tue, 04 Jul 2017 04:48:29 +0000
Local clock offset: 4.916 ms
Remote clock offset: -16.63 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 20.771 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 20.771 ms
Loss rate: 0.21%
```

Run 1: Report of CalibratedKoho — Data Link

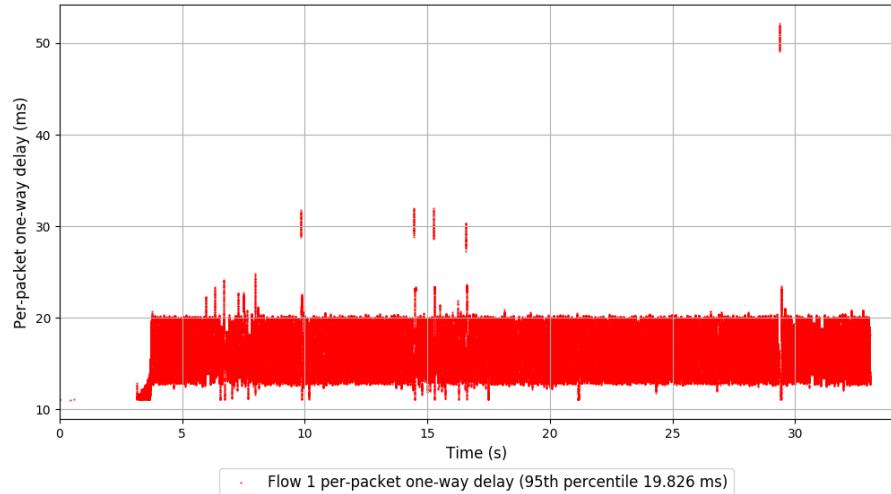
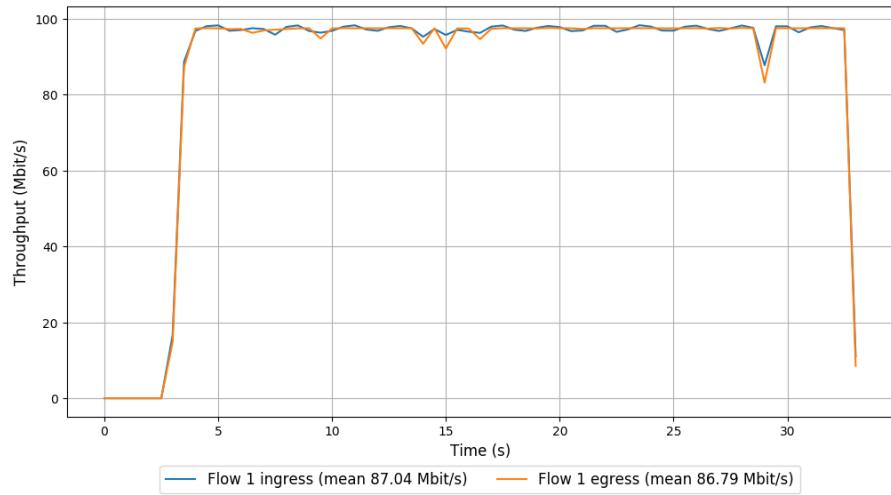


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 05:05:57 +0000
End at: Tue, 04 Jul 2017 05:06:27 +0000
Local clock offset: 0.998 ms
Remote clock offset: -16.765 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 19.826 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 19.826 ms
Loss rate: 0.35%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 05:23:56 +0000
```

```
End at: Tue, 04 Jul 2017 05:24:26 +0000
```

```
Local clock offset: 3.4 ms
```

```
Remote clock offset: -18.28 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:26 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 86.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.850 ms
```

```
Loss rate: 0.40%
```

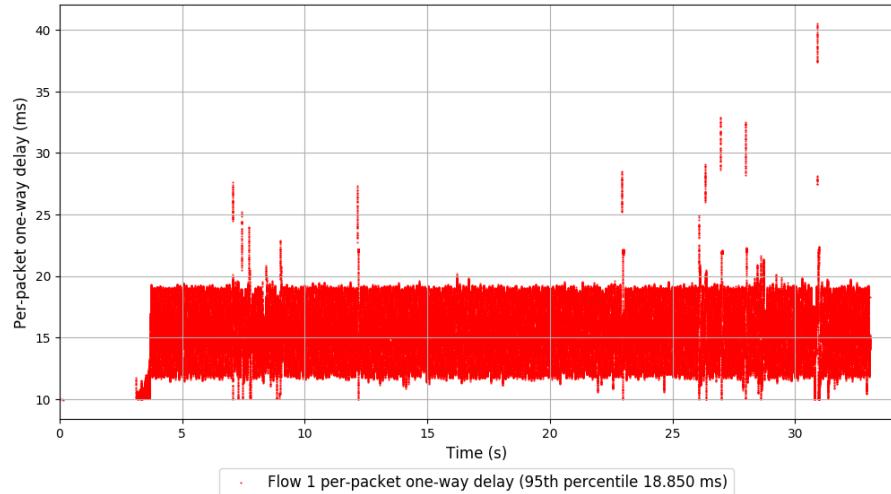
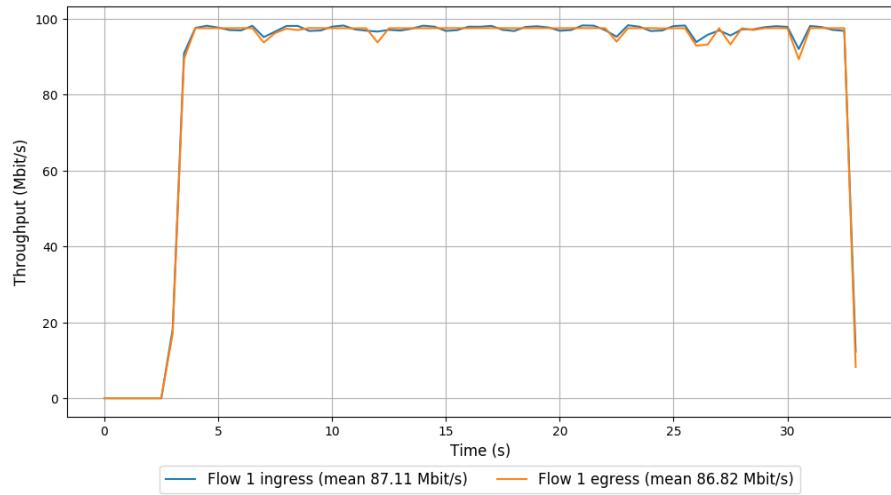
```
-- Flow 1:
```

```
Average throughput: 86.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.850 ms
```

```
Loss rate: 0.40%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 05:41:44 +0000
```

```
End at: Tue, 04 Jul 2017 05:42:14 +0000
```

```
Local clock offset: 4.731 ms
```

```
Remote clock offset: -20.288 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:26 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.797 ms
```

```
Loss rate: 0.24%
```

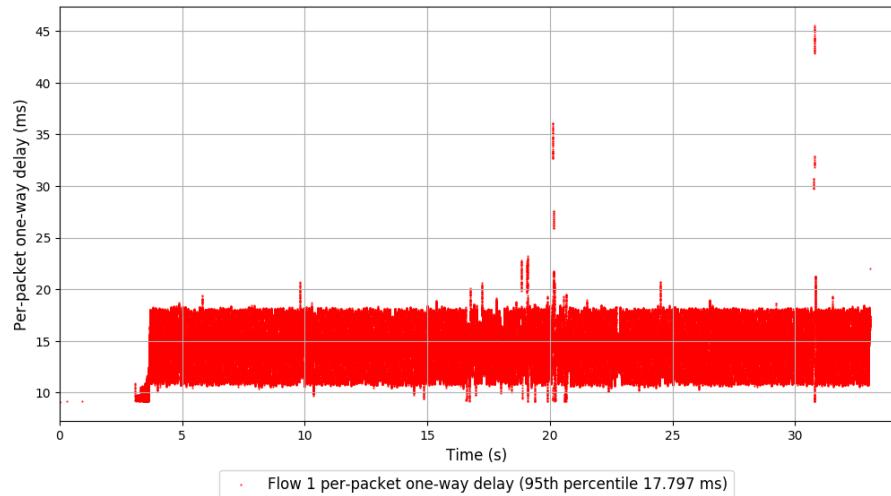
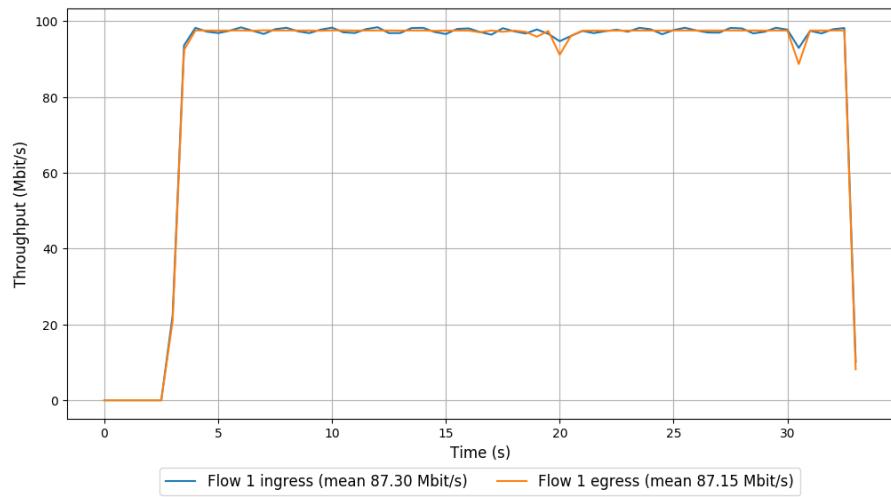
```
-- Flow 1:
```

```
Average throughput: 87.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.797 ms
```

```
Loss rate: 0.24%
```

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 05:59:01 +0000
End at: Tue, 04 Jul 2017 05:59:31 +0000
Local clock offset: 4.936 ms
Remote clock offset: -19.416 ms

Run 5: Report of CalibratedKoho — Data Link

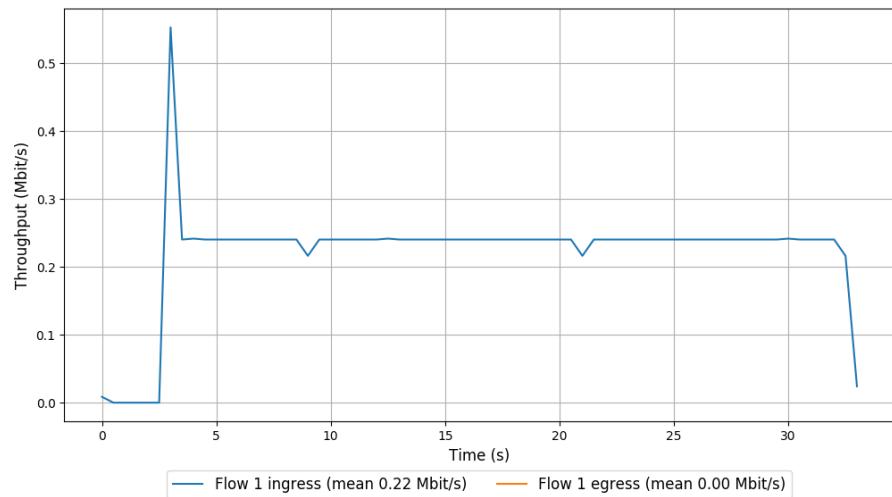


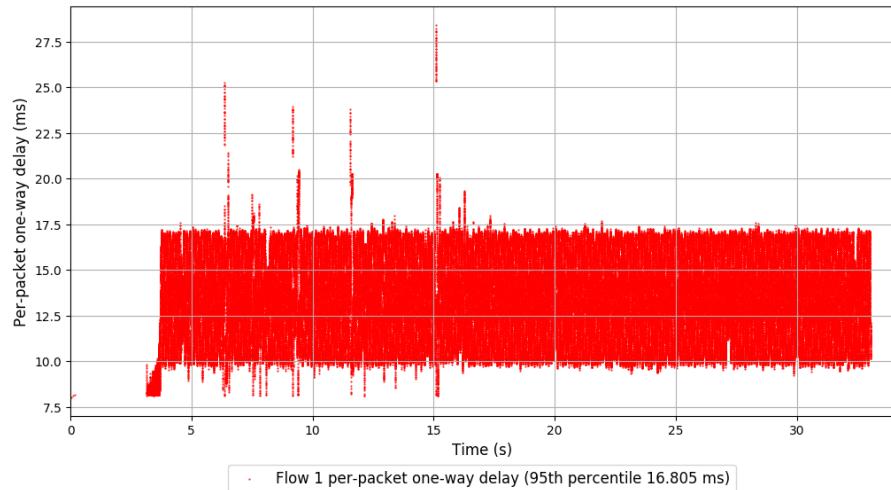
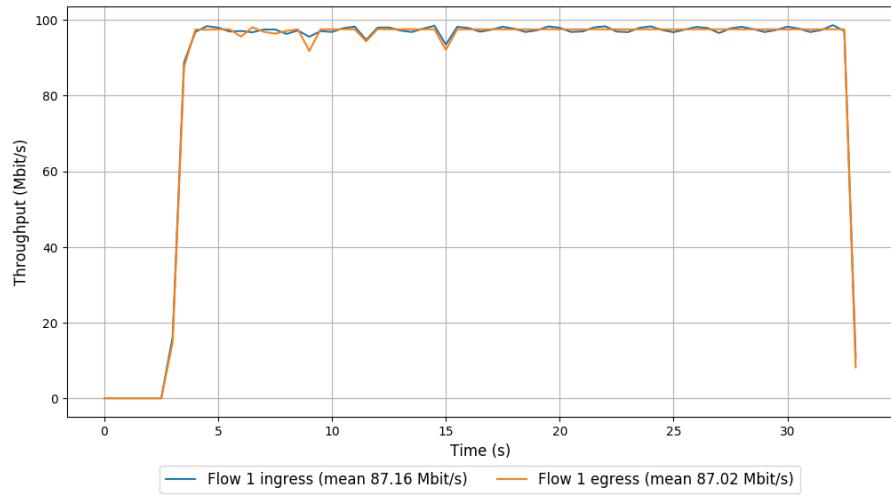
Figure is missing

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

```
Start at: Tue, 04 Jul 2017 06:16:28 +0000
End at: Tue, 04 Jul 2017 06:16:58 +0000
Local clock offset: 1.065 ms
Remote clock offset: -19.266 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 16.805 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 16.805 ms
Loss rate: 0.23%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 06:33:53 +0000

End at: Tue, 04 Jul 2017 06:34:23 +0000

Local clock offset: 1.507 ms

Remote clock offset: -20.874 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:37:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 15.723 ms

Loss rate: 0.20%

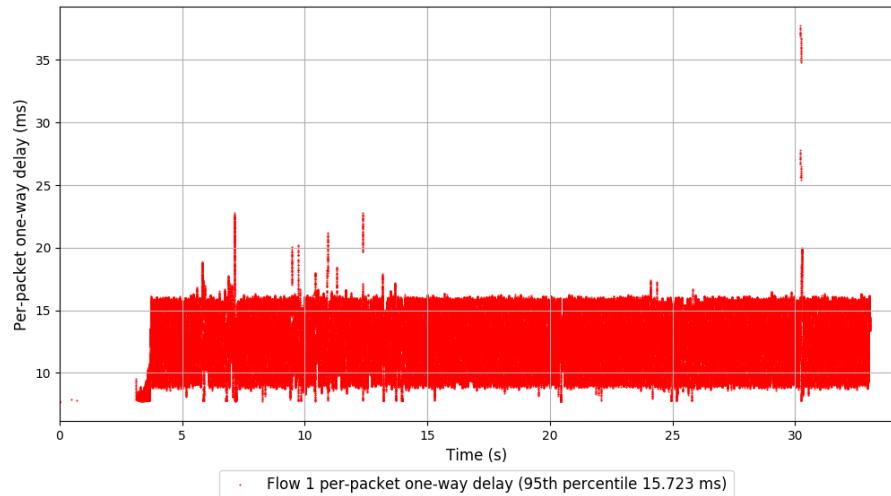
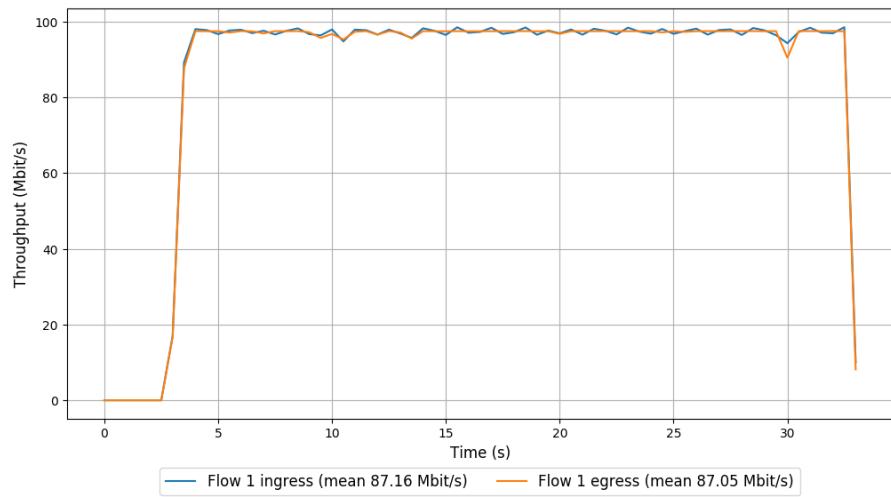
-- Flow 1:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 15.723 ms

Loss rate: 0.20%

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 06:51:28 +0000
```

```
End at: Tue, 04 Jul 2017 06:51:58 +0000
```

```
Local clock offset: 3.956 ms
```

```
Remote clock offset: -20.73 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 86.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.829 ms
```

```
Loss rate: 0.29%
```

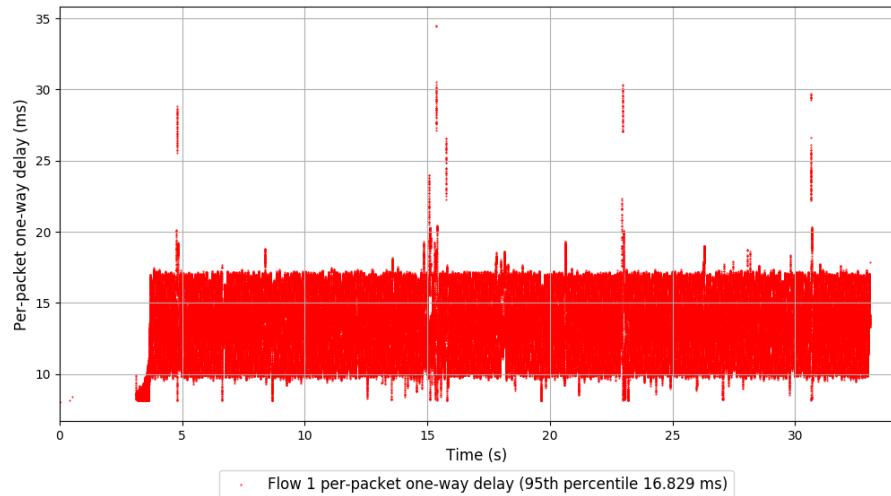
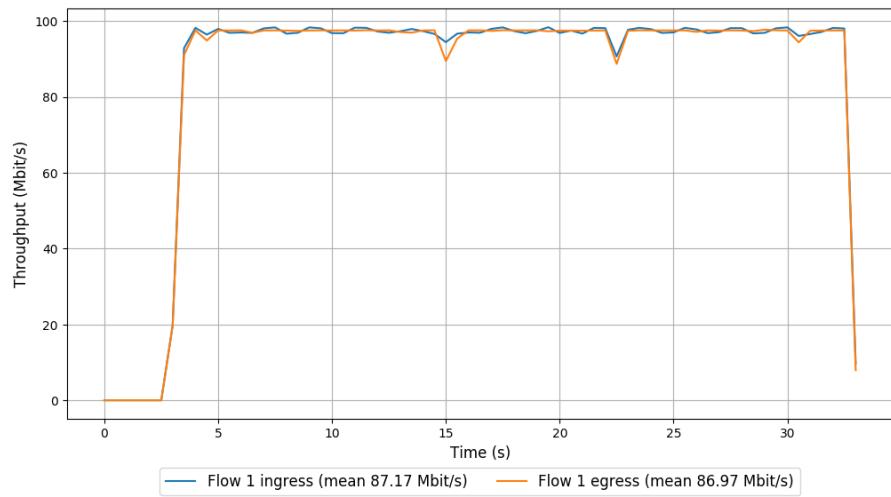
```
-- Flow 1:
```

```
Average throughput: 86.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.829 ms
```

```
Loss rate: 0.29%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 07:09:14 +0000
```

```
End at: Tue, 04 Jul 2017 07:09:44 +0000
```

```
Local clock offset: 2.813 ms
```

```
Remote clock offset: -19.224 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 86.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.779 ms
```

```
Loss rate: 0.35%
```

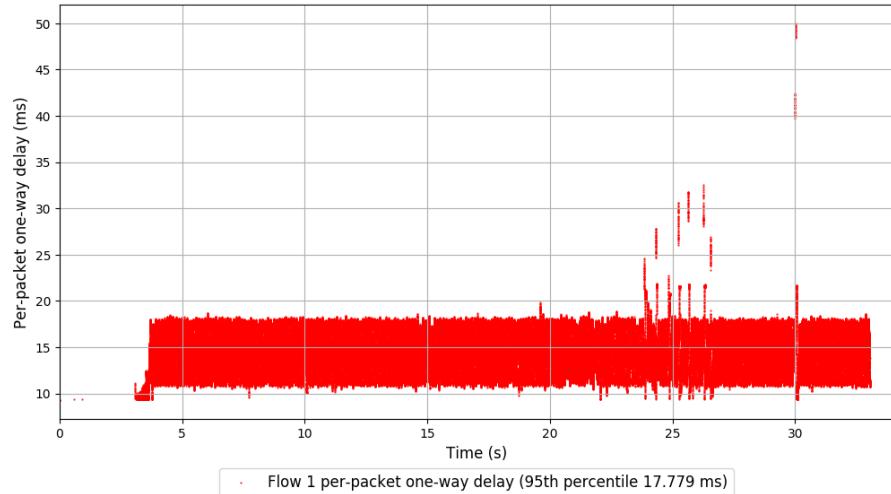
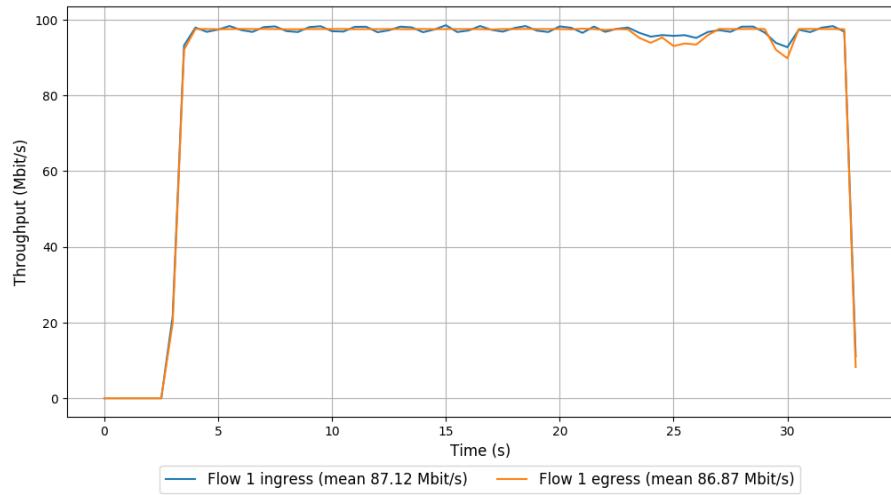
```
-- Flow 1:
```

```
Average throughput: 86.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.779 ms
```

```
Loss rate: 0.35%
```

Run 9: Report of CalibratedKoho — Data Link

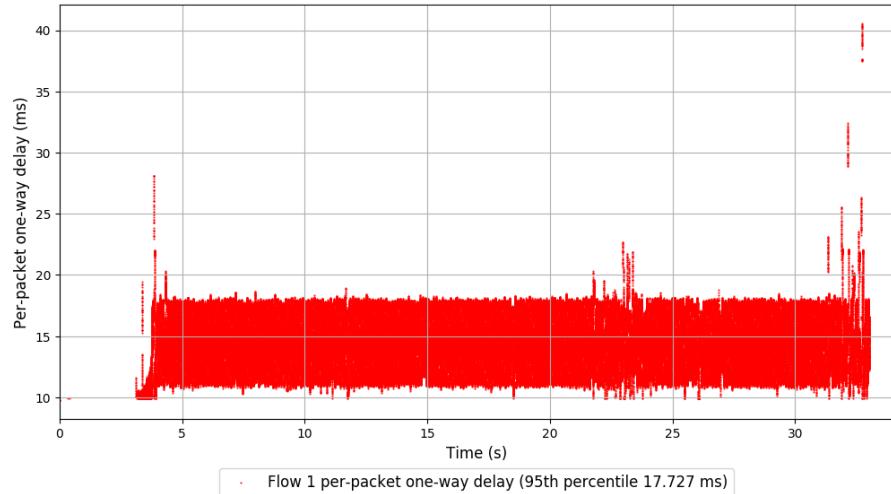
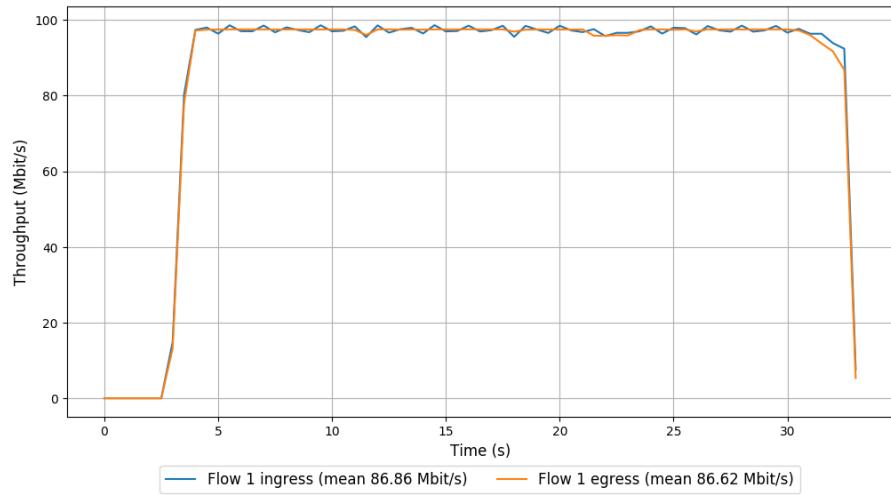


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 07:26:41 +0000
End at: Tue, 04 Jul 2017 07:27:11 +0000
Local clock offset: 4.904 ms
Remote clock offset: -18.159 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.62 Mbit/s
95th percentile per-packet one-way delay: 17.727 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 86.62 Mbit/s
95th percentile per-packet one-way delay: 17.727 ms
Loss rate: 0.35%
```

Run 10: Report of CalibratedKoho — Data Link

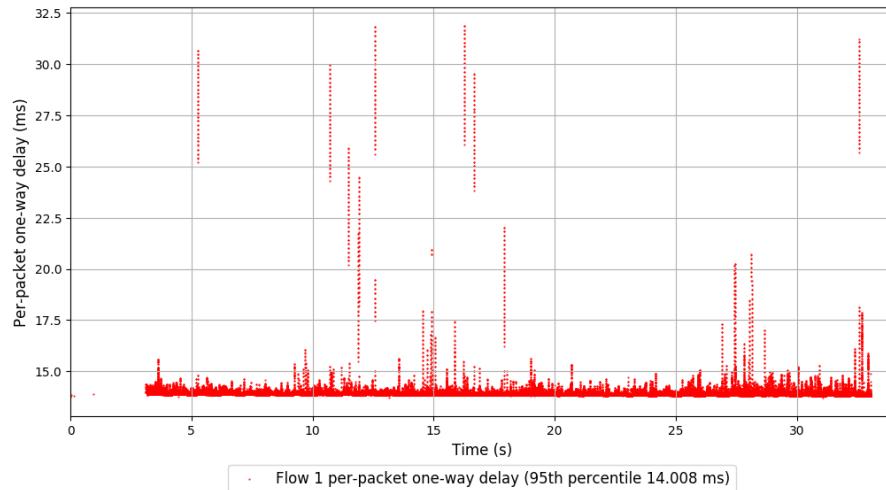
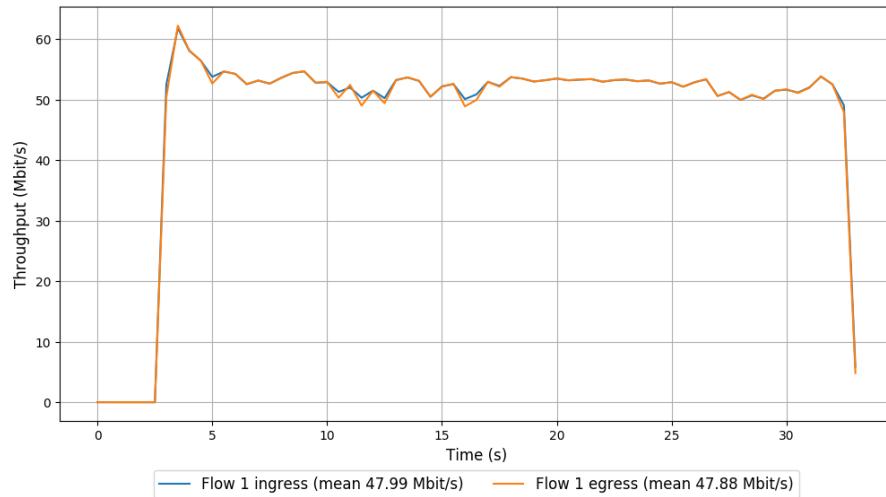


Run 1: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:34:36 +0000
End at: Tue, 04 Jul 2017 04:35:06 +0000
Local clock offset: 1.142 ms
Remote clock offset: -15.849 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.88 Mbit/s
95th percentile per-packet one-way delay: 14.008 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 47.88 Mbit/s
95th percentile per-packet one-way delay: 14.008 ms
Loss rate: 0.30%
```

Run 1: Report of Copa — Data Link

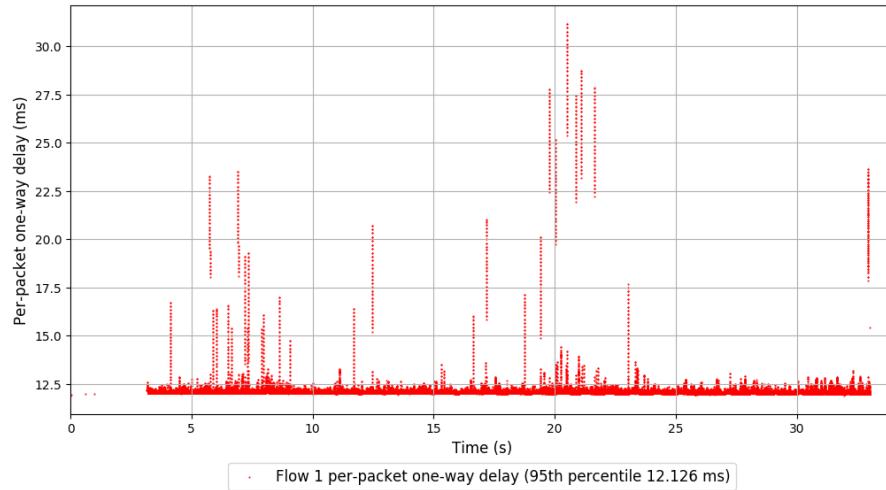
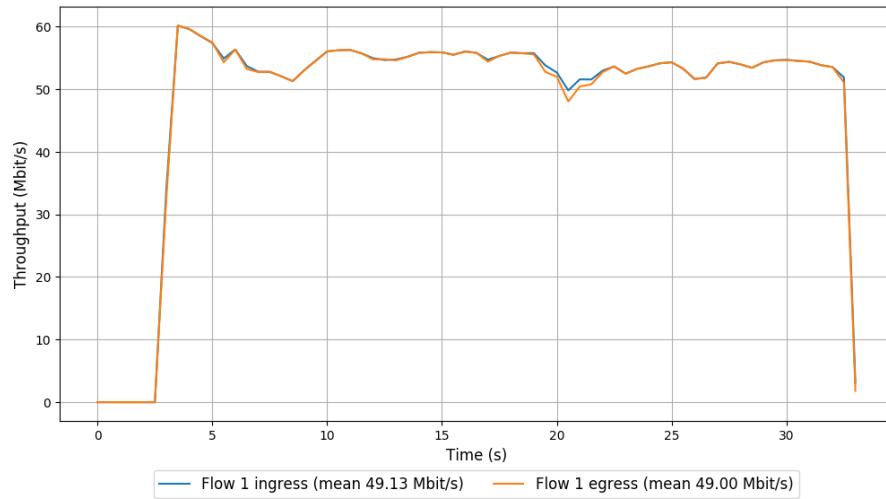


Run 2: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:53:56 +0000
End at: Tue, 04 Jul 2017 04:54:26 +0000
Local clock offset: 1.08 ms
Remote clock offset: -16.93 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 12.126 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 12.126 ms
Loss rate: 0.34%
```

Run 2: Report of Copa — Data Link

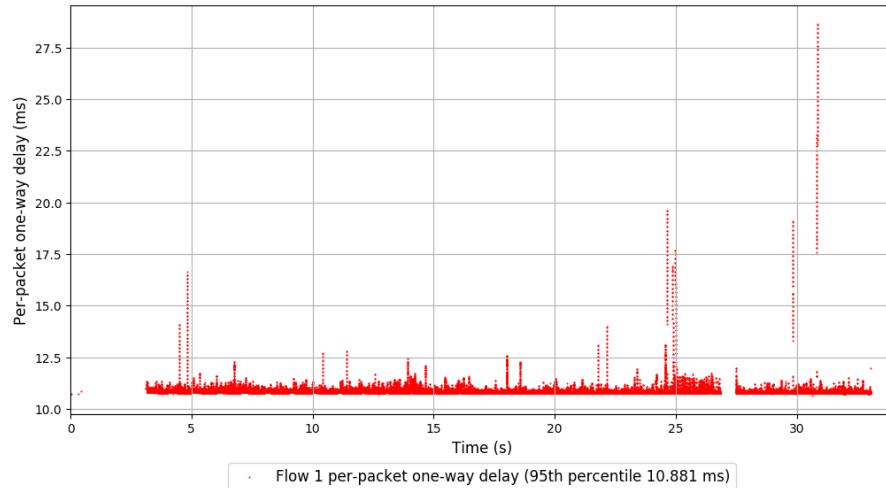
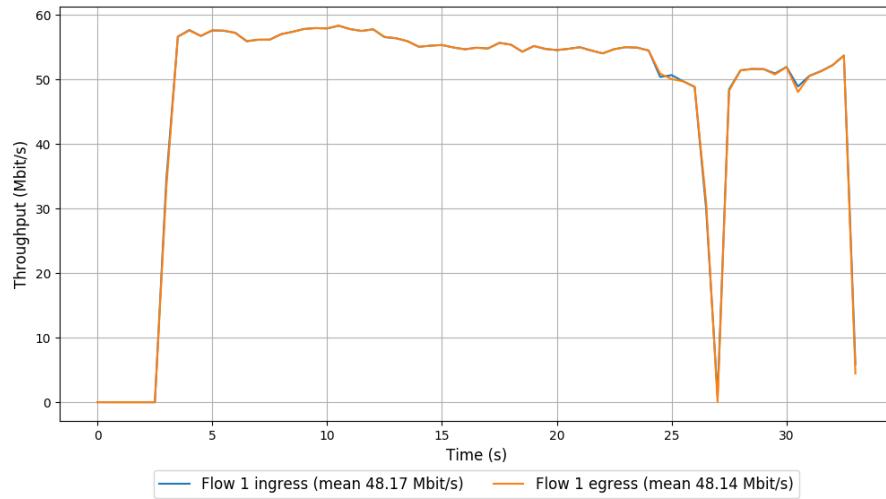


Run 3: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:11:38 +0000
End at: Tue, 04 Jul 2017 05:12:08 +0000
Local clock offset: 1.849 ms
Remote clock offset: -16.499 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 10.881 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 10.881 ms
Loss rate: 0.12%
```

Run 3: Report of Copa — Data Link

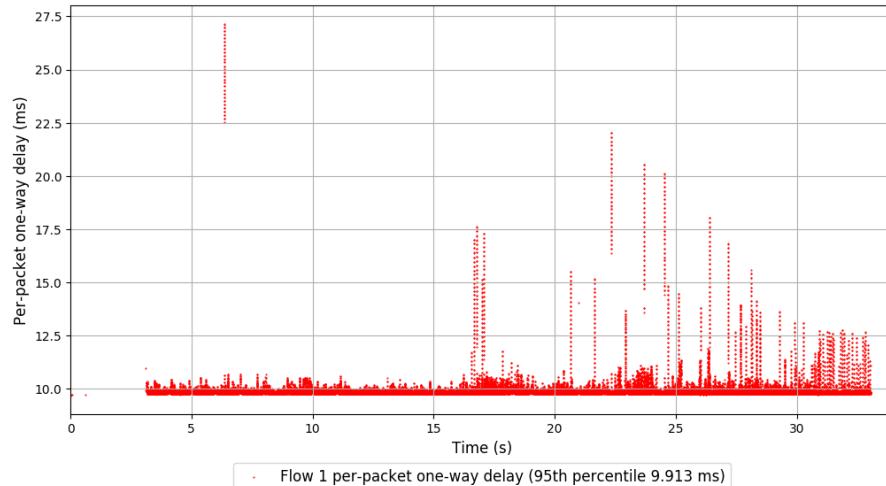
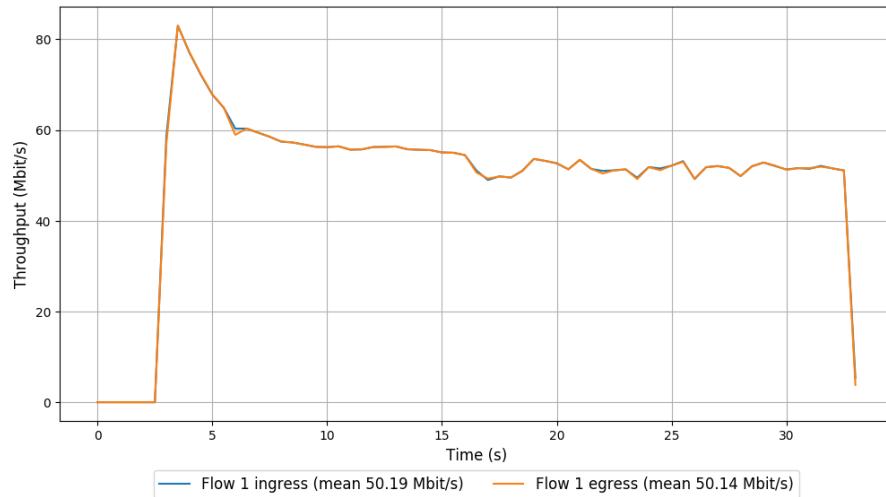


Run 4: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:29:46 +0000
End at: Tue, 04 Jul 2017 05:30:16 +0000
Local clock offset: 2.975 ms
Remote clock offset: -18.813 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 9.913 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 9.913 ms
Loss rate: 0.17%
```

Run 4: Report of Copa — Data Link

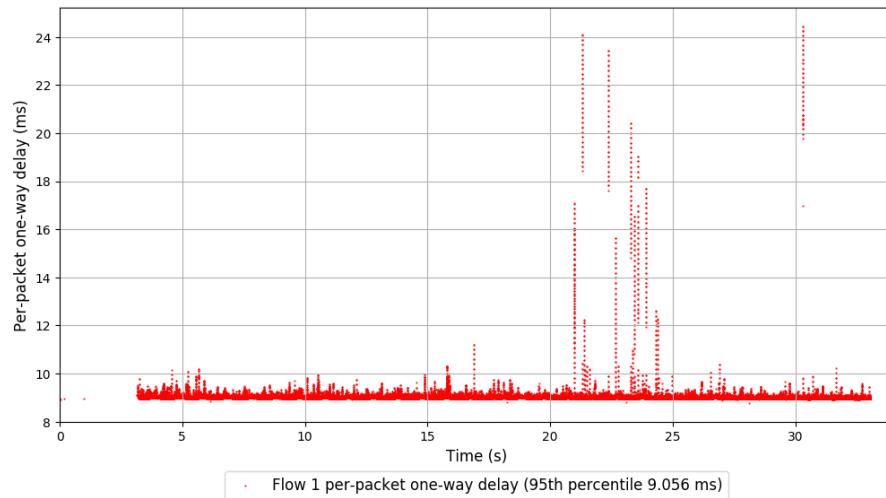
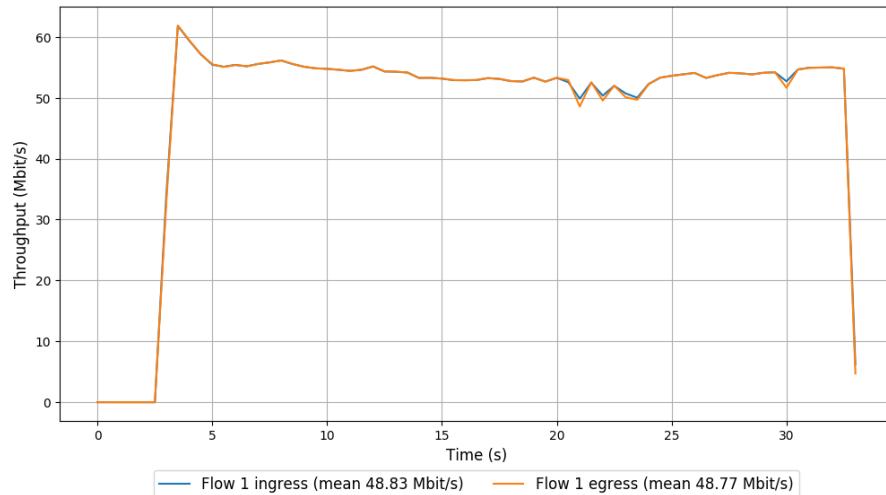


Run 5: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:47:19 +0000
End at: Tue, 04 Jul 2017 05:47:49 +0000
Local clock offset: 1.467 ms
Remote clock offset: -19.685 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.77 Mbit/s
95th percentile per-packet one-way delay: 9.056 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 48.77 Mbit/s
95th percentile per-packet one-way delay: 9.056 ms
Loss rate: 0.19%
```

Run 5: Report of Copa — Data Link

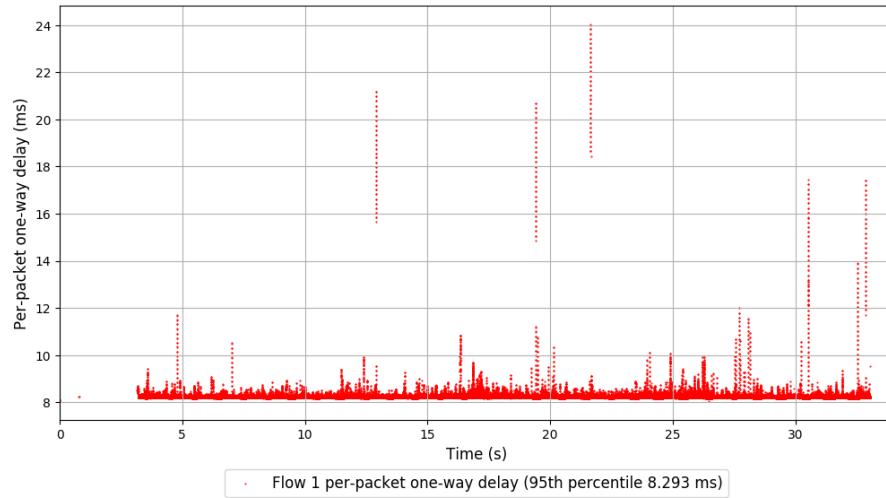
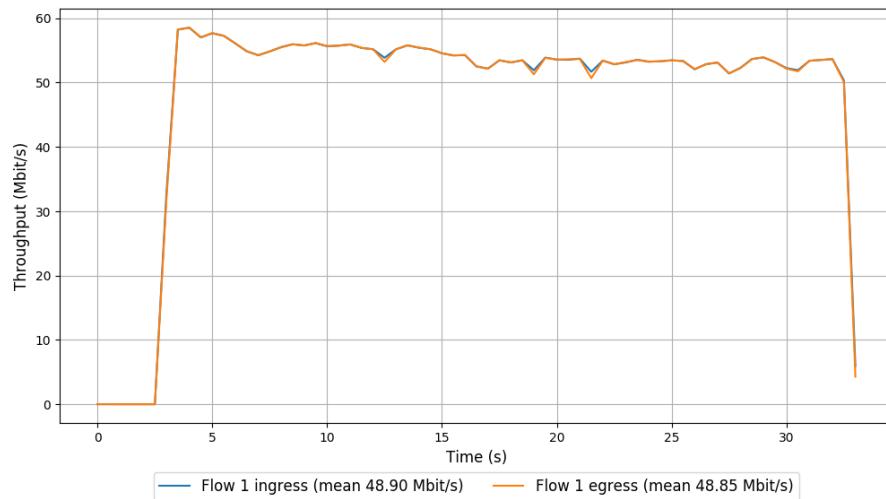


Run 6: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:04:30 +0000
End at: Tue, 04 Jul 2017 06:05:00 +0000
Local clock offset: 4.71 ms
Remote clock offset: -20.853 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.85 Mbit/s
95th percentile per-packet one-way delay: 8.293 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 48.85 Mbit/s
95th percentile per-packet one-way delay: 8.293 ms
Loss rate: 0.16%
```

Run 6: Report of Copa — Data Link

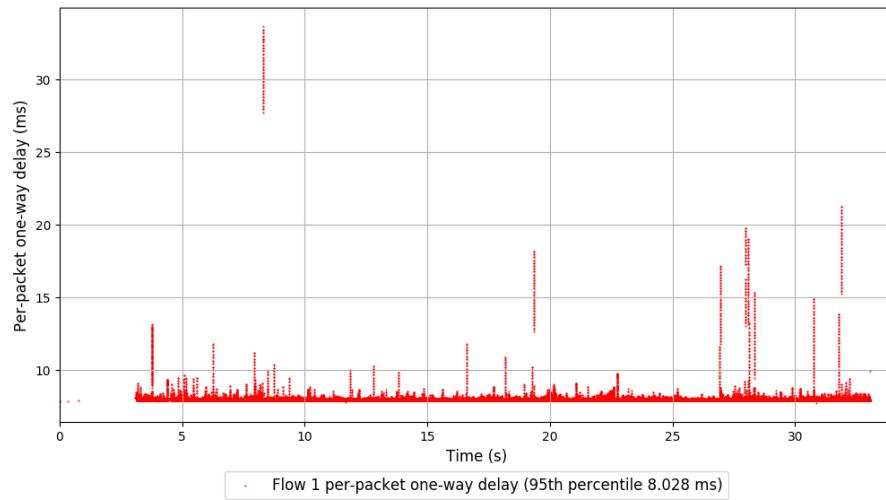
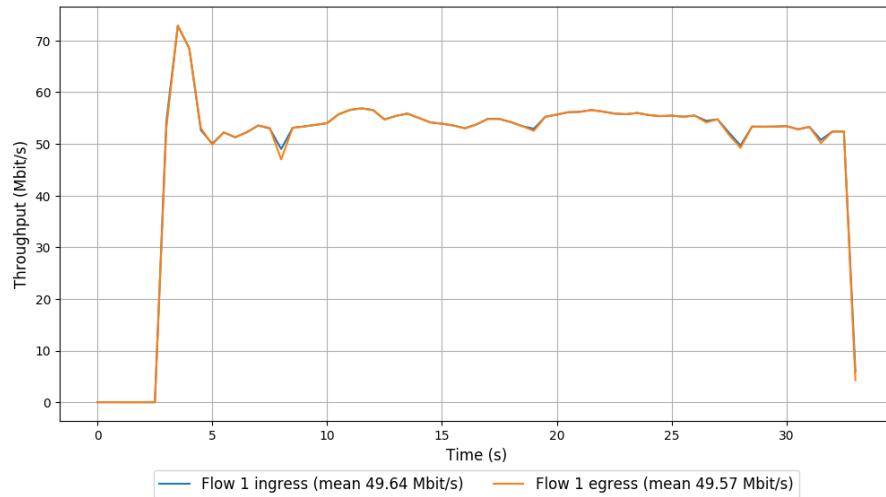


Run 7: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:22:01 +0000
End at: Tue, 04 Jul 2017 06:22:31 +0000
Local clock offset: 1.098 ms
Remote clock offset: -21.301 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.57 Mbit/s
95th percentile per-packet one-way delay: 8.028 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 49.57 Mbit/s
95th percentile per-packet one-way delay: 8.028 ms
Loss rate: 0.20%
```

Run 7: Report of Copa — Data Link

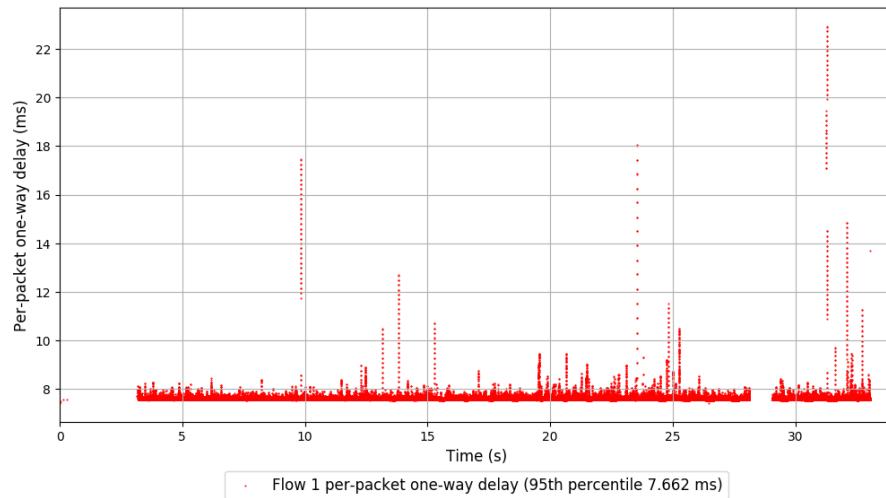
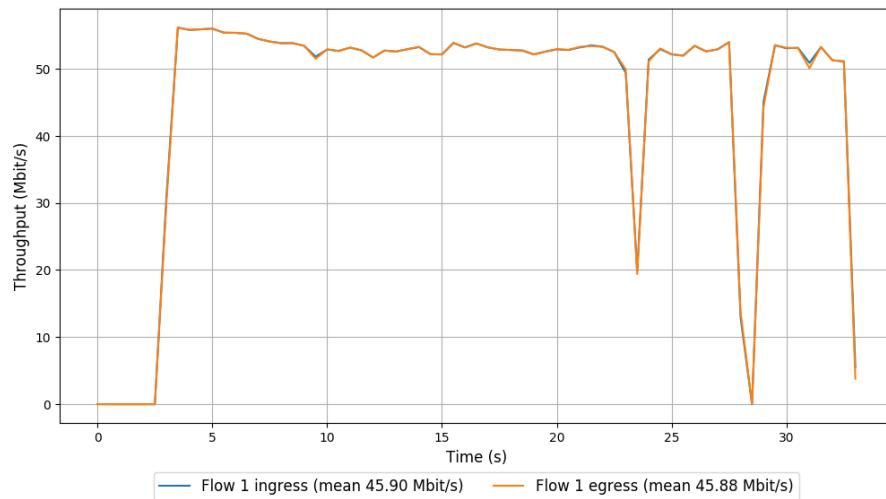


Run 8: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:39:30 +0000
End at: Tue, 04 Jul 2017 06:40:00 +0000
Local clock offset: 4.177 ms
Remote clock offset: -19.137 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.88 Mbit/s
95th percentile per-packet one-way delay: 7.662 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 45.88 Mbit/s
95th percentile per-packet one-way delay: 7.662 ms
Loss rate: 0.12%
```

Run 8: Report of Copa — Data Link

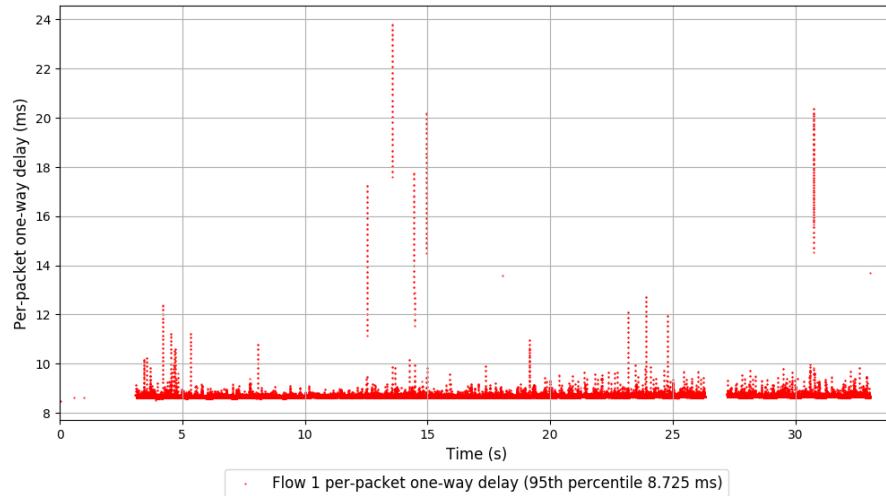
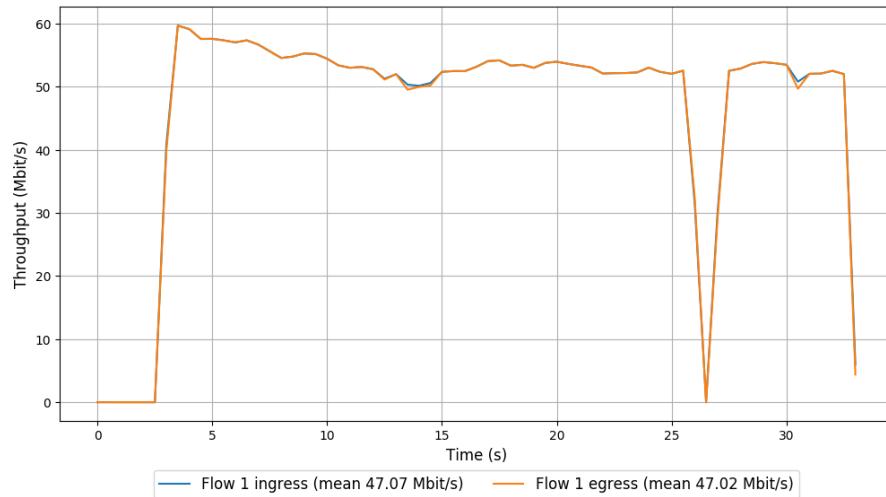


Run 9: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:57:11 +0000
End at: Tue, 04 Jul 2017 06:57:41 +0000
Local clock offset: 2.026 ms
Remote clock offset: -19.836 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.02 Mbit/s
95th percentile per-packet one-way delay: 8.725 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 47.02 Mbit/s
95th percentile per-packet one-way delay: 8.725 ms
Loss rate: 0.17%
```

Run 9: Report of Copa — Data Link

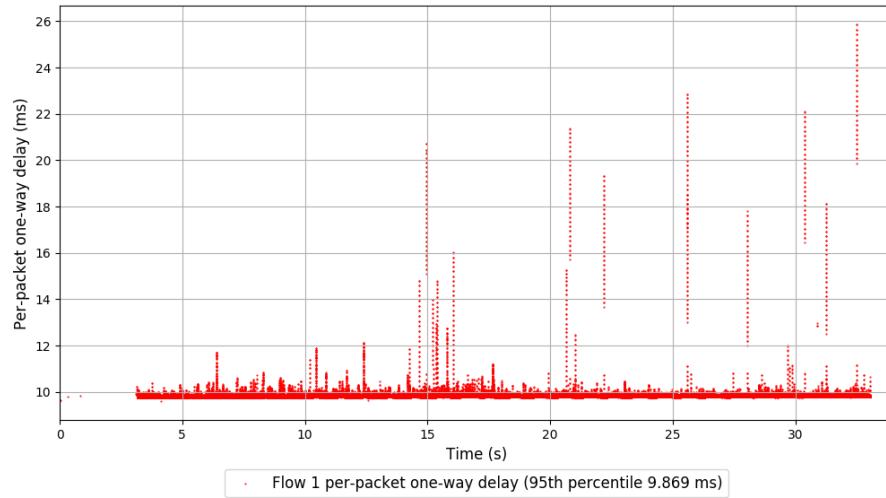
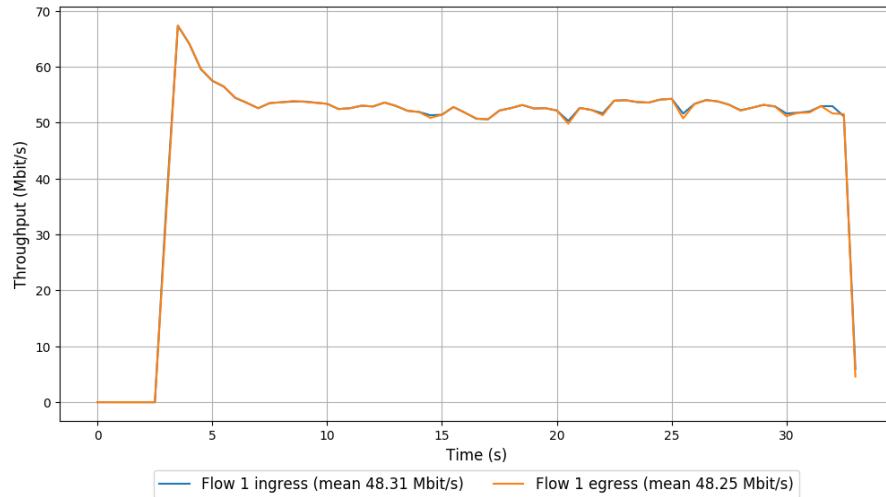


Run 10: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 07:14:48 +0000
End at: Tue, 04 Jul 2017 07:15:18 +0000
Local clock offset: 1.142 ms
Remote clock offset: -18.664 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 9.869 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 9.869 ms
Loss rate: 0.20%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:41:53 +0000
```

```
End at: Tue, 04 Jul 2017 04:42:23 +0000
```

```
Local clock offset: 3.341 ms
```

```
Remote clock offset: -15.844 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 80.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.240 ms
```

```
Loss rate: 0.25%
```

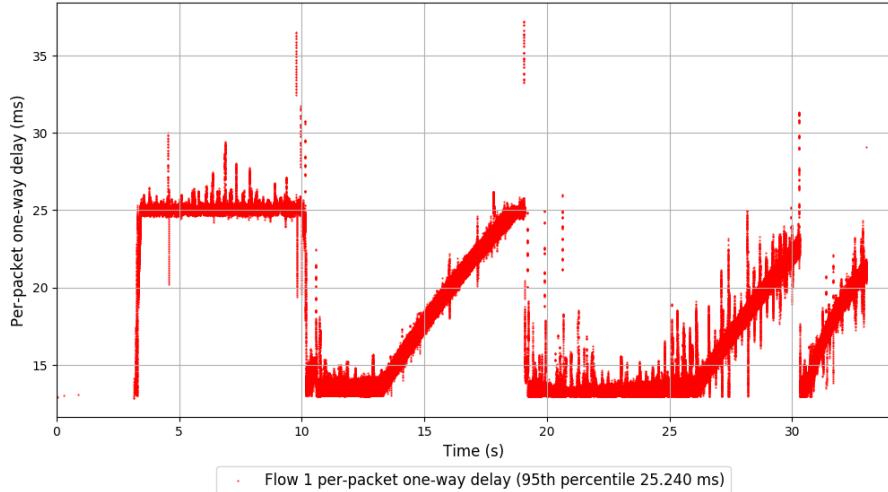
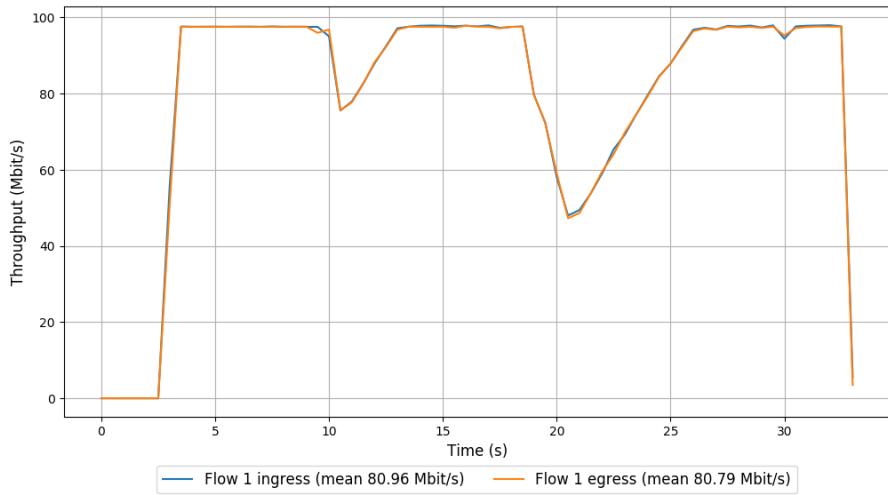
```
-- Flow 1:
```

```
Average throughput: 80.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.240 ms
```

```
Loss rate: 0.25%
```

Run 1: Report of TCP Cubic — Data Link

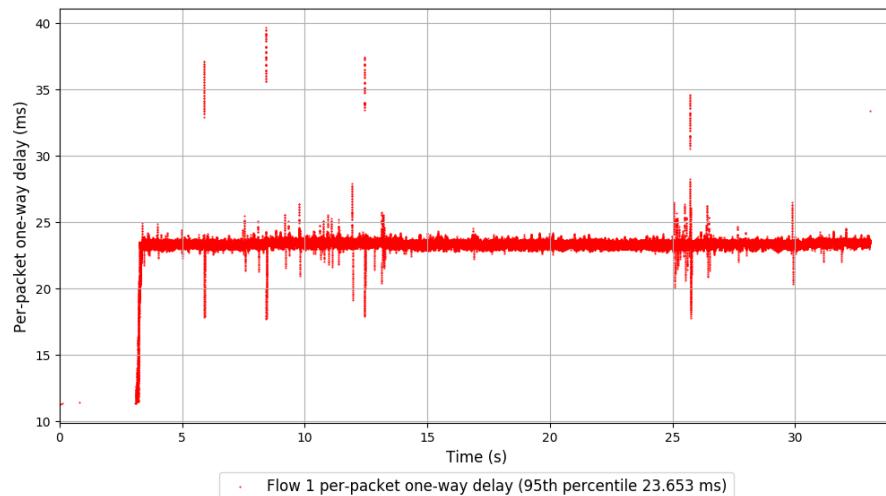
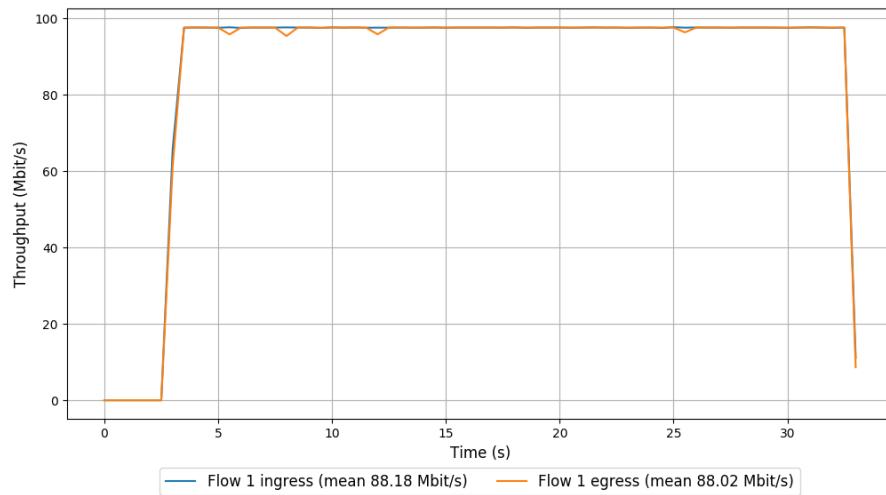


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:01:03 +0000
End at: Tue, 04 Jul 2017 05:01:33 +0000
Local clock offset: 4.209 ms
Remote clock offset: -16.259 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 23.653 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 23.653 ms
Loss rate: 0.24%
```

Run 2: Report of TCP Cubic — Data Link

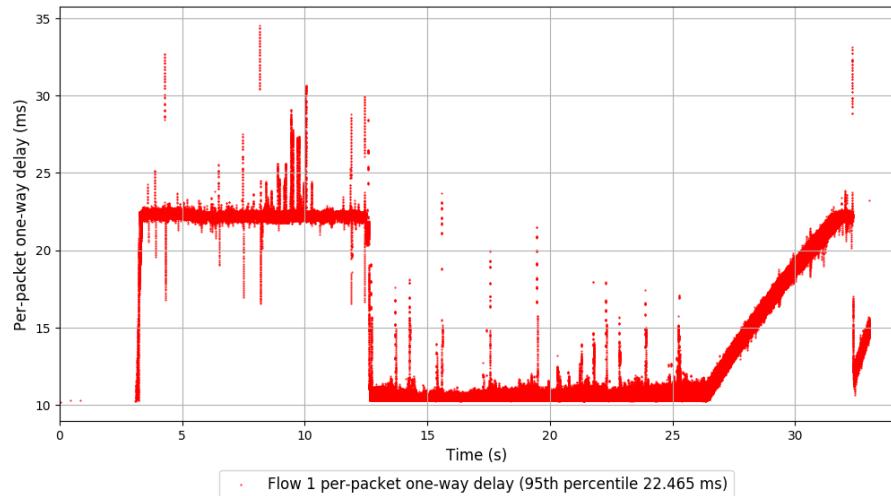
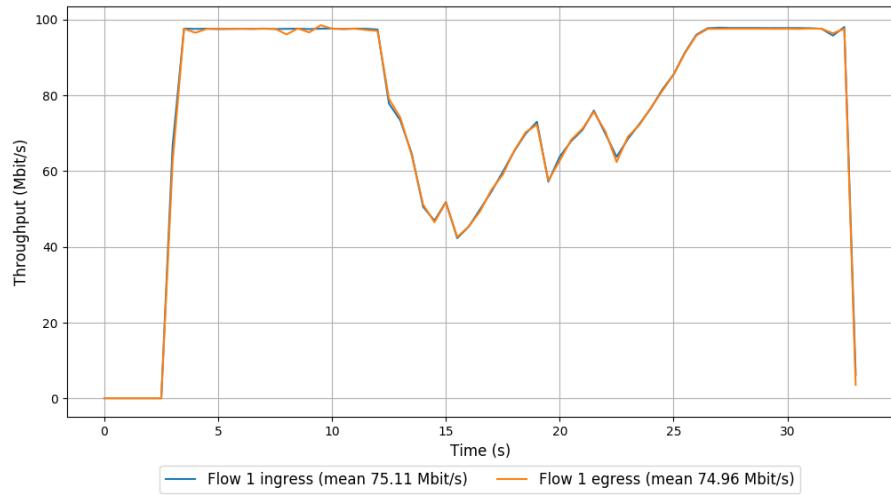


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:18:41 +0000
End at: Tue, 04 Jul 2017 05:19:11 +0000
Local clock offset: 5.054 ms
Remote clock offset: -18.247 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.96 Mbit/s
95th percentile per-packet one-way delay: 22.465 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 74.96 Mbit/s
95th percentile per-packet one-way delay: 22.465 ms
Loss rate: 0.26%
```

Run 3: Report of TCP Cubic — Data Link

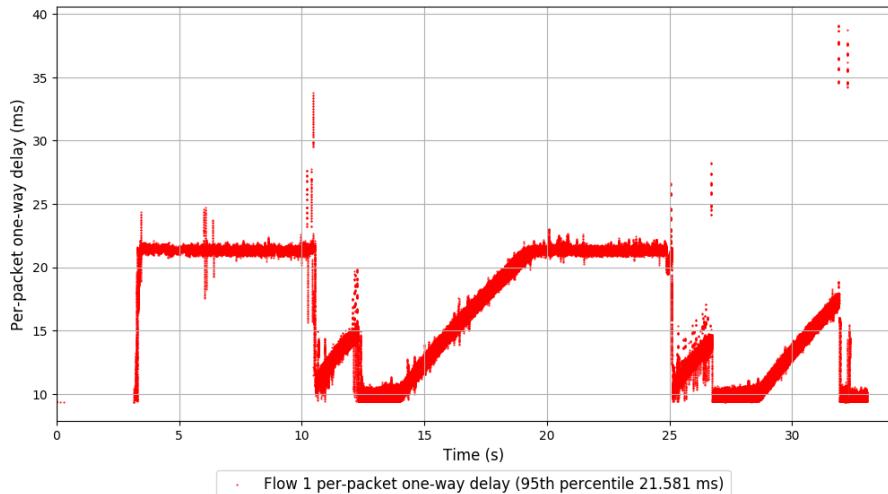
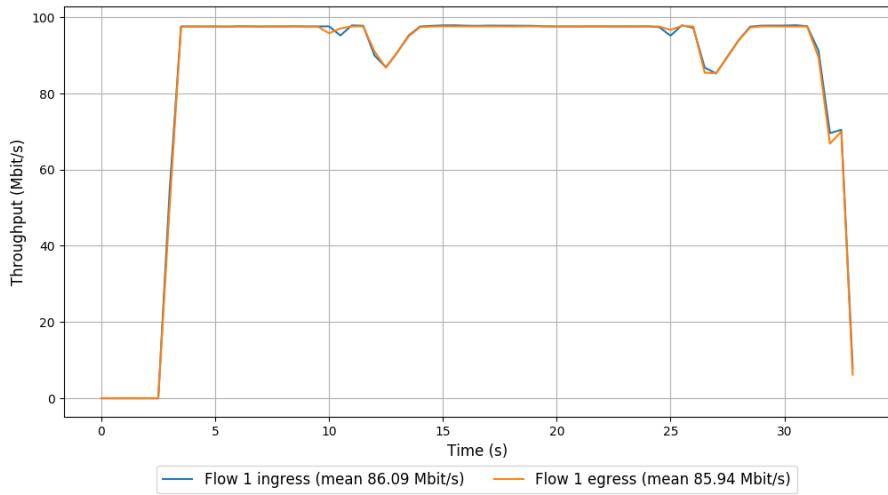


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:36:53 +0000
End at: Tue, 04 Jul 2017 05:37:23 +0000
Local clock offset: 0.535 ms
Remote clock offset: -18.97 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 21.581 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 21.581 ms
Loss rate: 0.24%
```

Run 4: Report of TCP Cubic — Data Link

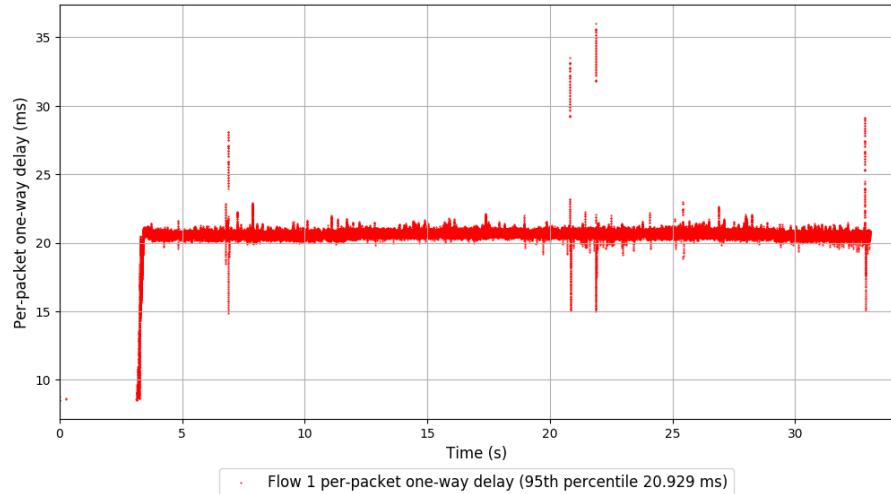
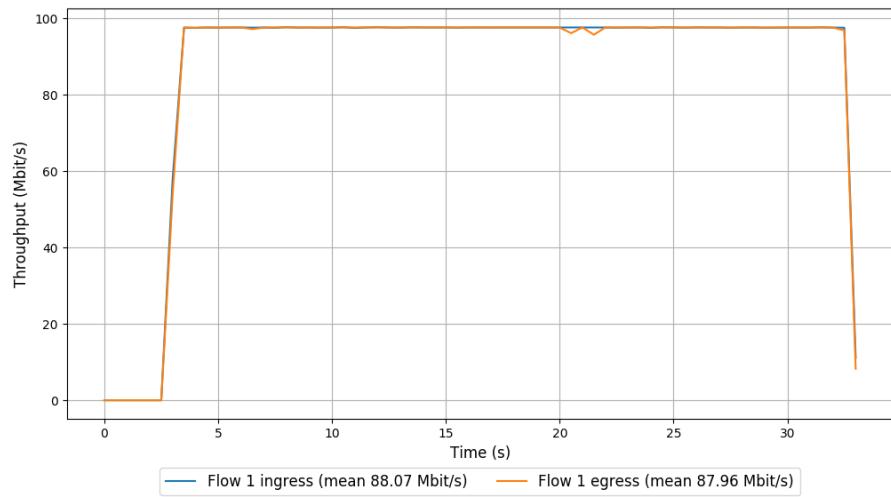


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:54:14 +0000
End at: Tue, 04 Jul 2017 05:54:44 +0000
Local clock offset: 3.483 ms
Remote clock offset: -20.064 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 20.929 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 20.929 ms
Loss rate: 0.20%
```

Run 5: Report of TCP Cubic — Data Link

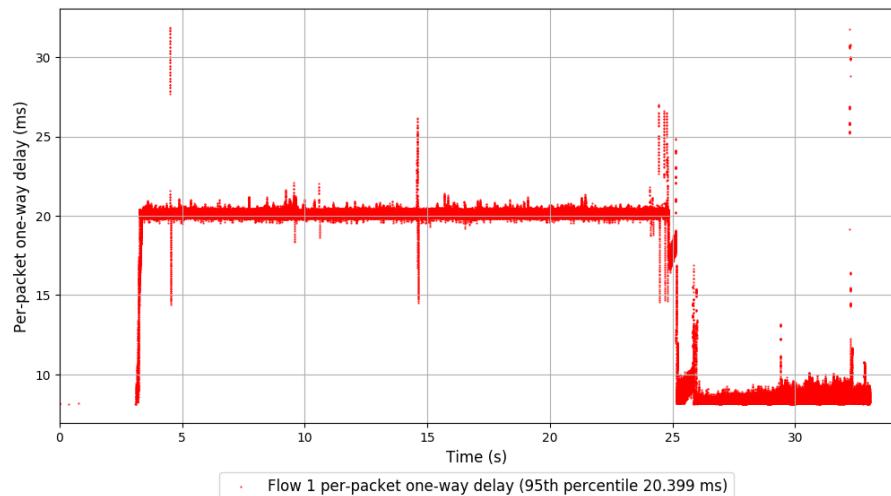
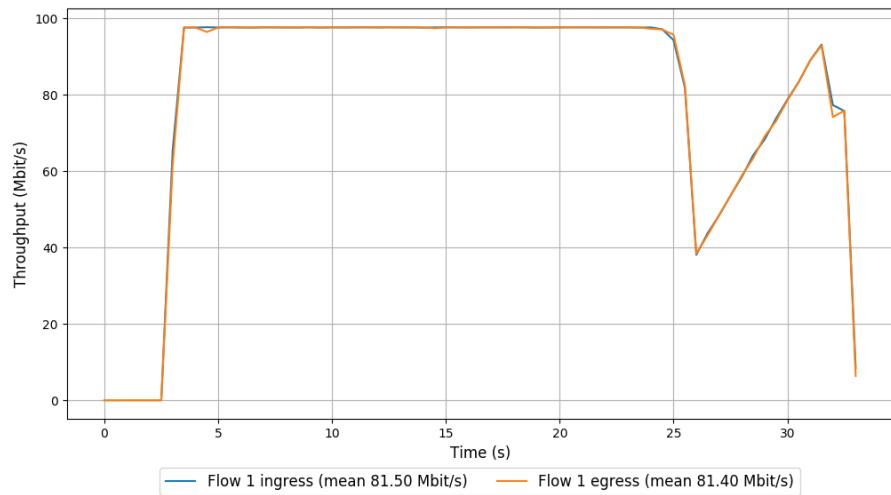


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:11:39 +0000
End at: Tue, 04 Jul 2017 06:12:09 +0000
Local clock offset: 1.686 ms
Remote clock offset: -20.023 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.40 Mbit/s
95th percentile per-packet one-way delay: 20.399 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 81.40 Mbit/s
95th percentile per-packet one-way delay: 20.399 ms
Loss rate: 0.18%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 06:29:06 +0000

End at: Tue, 04 Jul 2017 06:29:36 +0000

Local clock offset: 3.442 ms

Remote clock offset: -21.153 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:39:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.24 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 0.28%

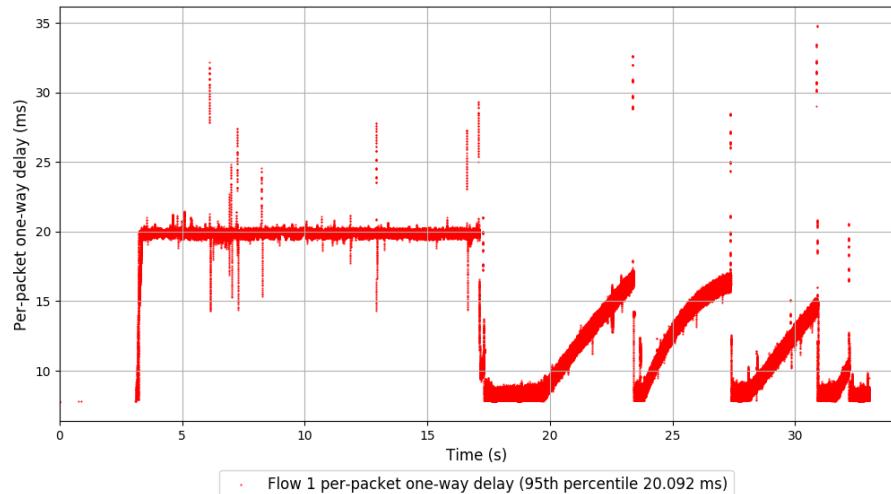
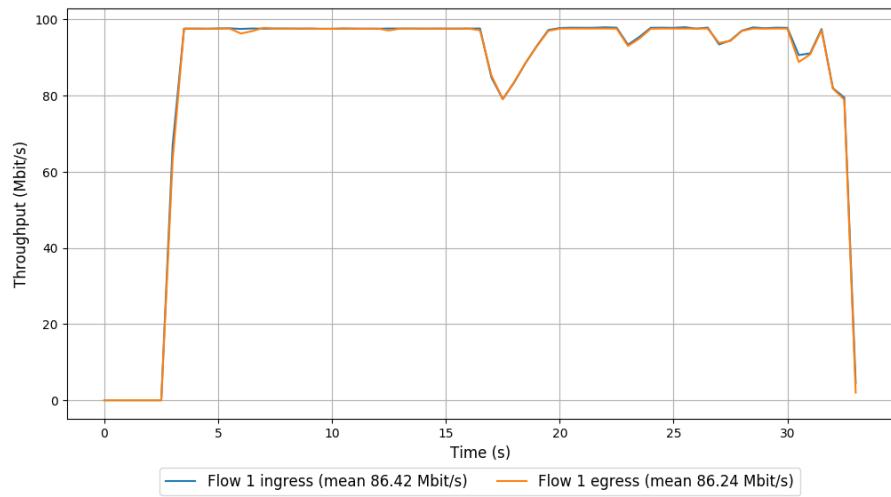
-- Flow 1:

Average throughput: 86.24 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 0.28%

Run 7: Report of TCP Cubic — Data Link

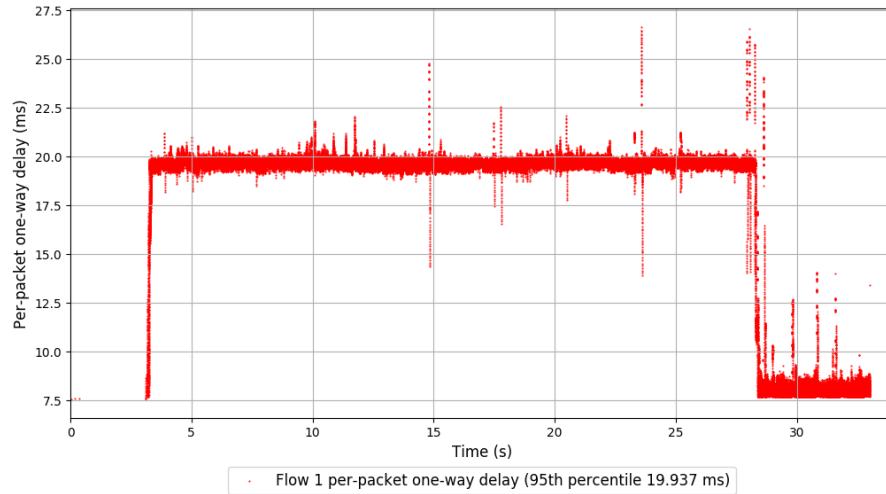
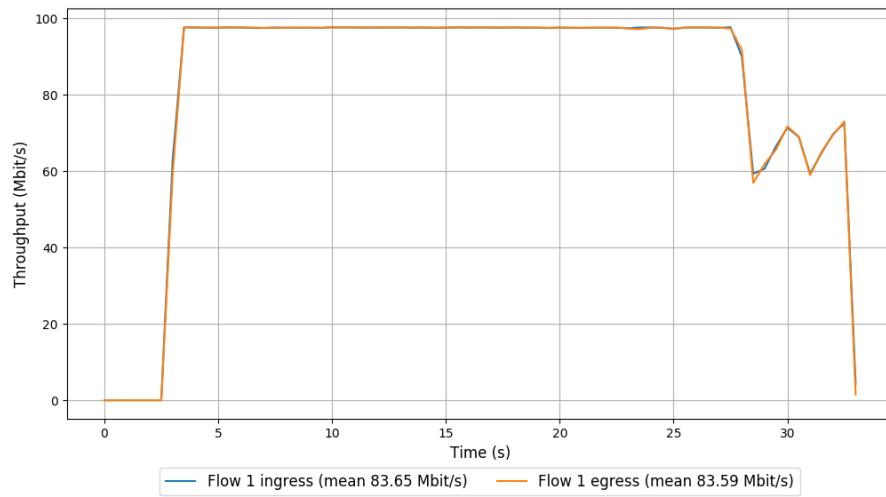


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:46:35 +0000
End at: Tue, 04 Jul 2017 06:47:05 +0000
Local clock offset: 3.975 ms
Remote clock offset: -21.373 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 19.937 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 19.937 ms
Loss rate: 0.13%
```

Run 8: Report of TCP Cubic — Data Link

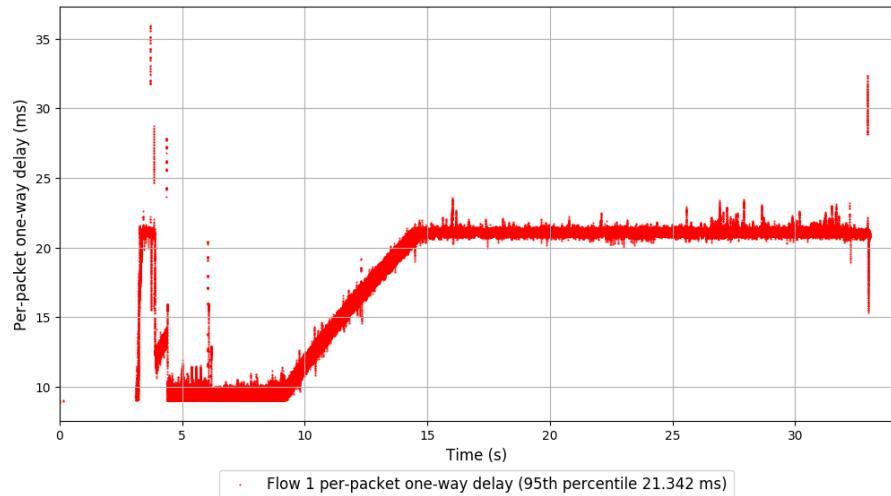
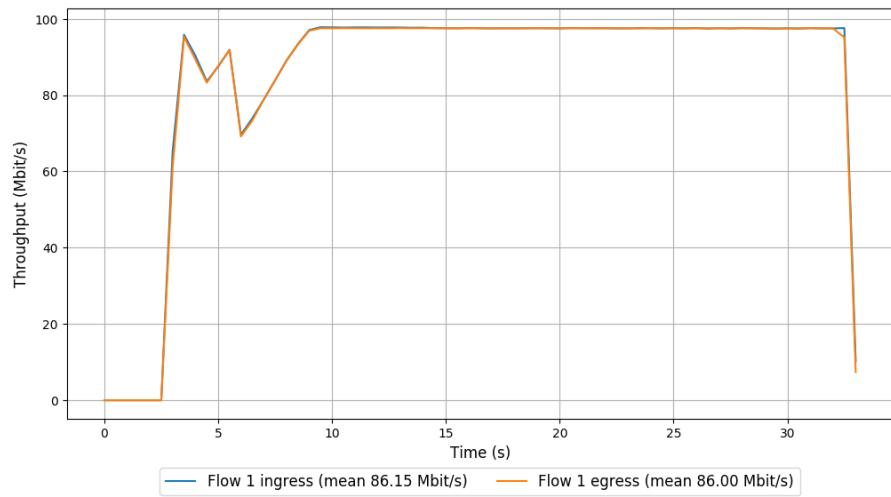


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 07:04:20 +0000
End at: Tue, 04 Jul 2017 07:04:50 +0000
Local clock offset: 4.731 ms
Remote clock offset: -18.157 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 21.342 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 21.342 ms
Loss rate: 0.26%
```

Run 9: Report of TCP Cubic — Data Link

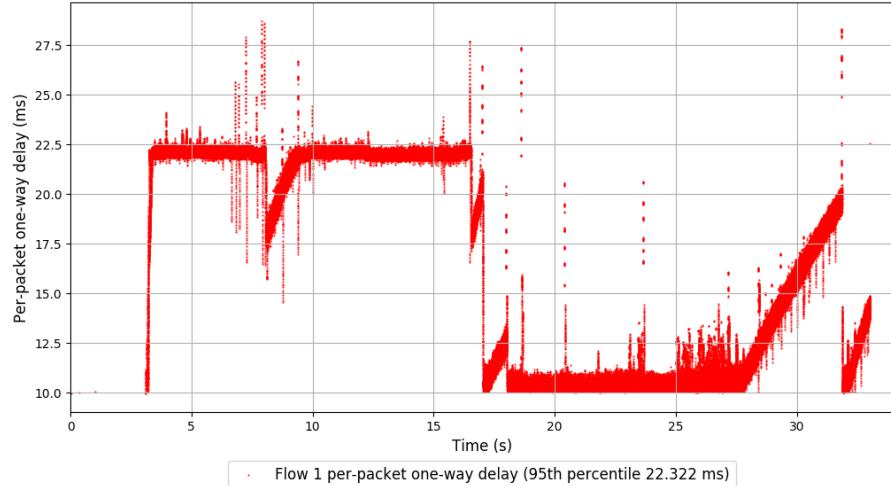
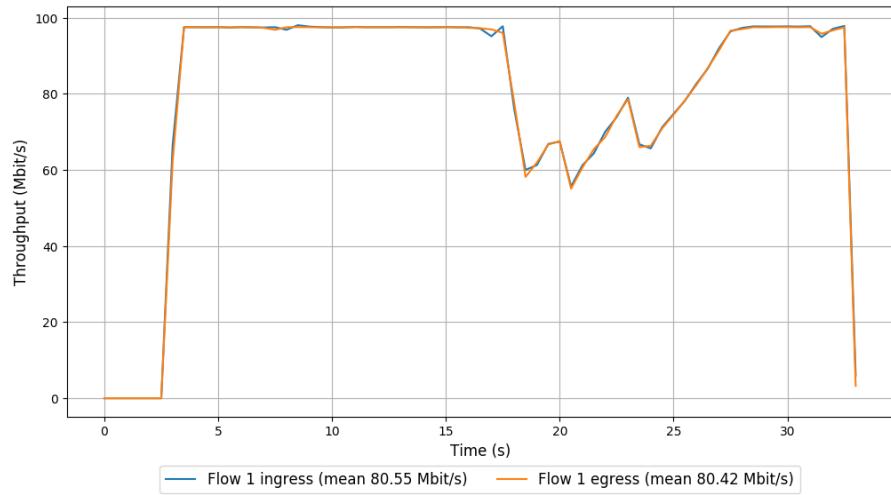


```
Run 10: Statistics of TCP Cubic
```

```
Start at: Tue, 04 Jul 2017 07:21:55 +0000
End at: Tue, 04 Jul 2017 07:22:25 +0000
Local clock offset: 0.658 ms
Remote clock offset: -19.191 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.42 Mbit/s
95th percentile per-packet one-way delay: 22.322 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 80.42 Mbit/s
95th percentile per-packet one-way delay: 22.322 ms
Loss rate: 0.21%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:39:31 +0000
```

```
End at: Tue, 04 Jul 2017 04:40:01 +0000
```

```
Local clock offset: 2.043 ms
```

```
Remote clock offset: -15.433 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:14 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 44.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.725 ms
```

```
Loss rate: 0.08%
```

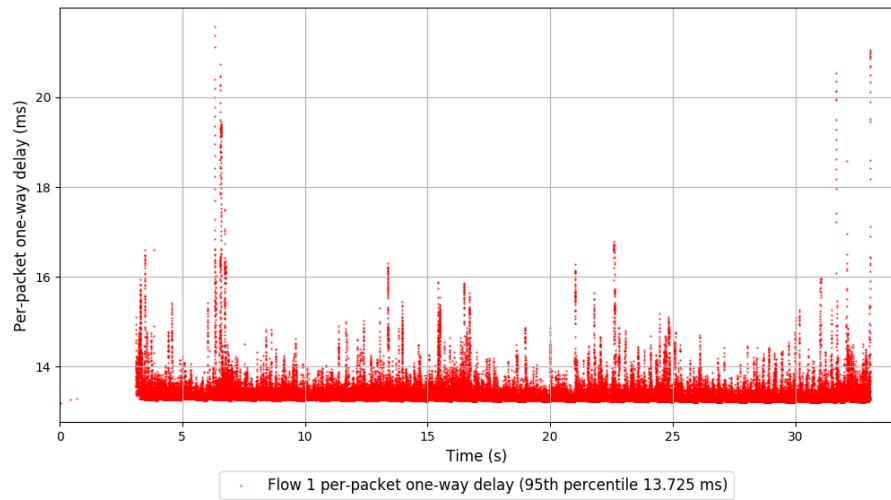
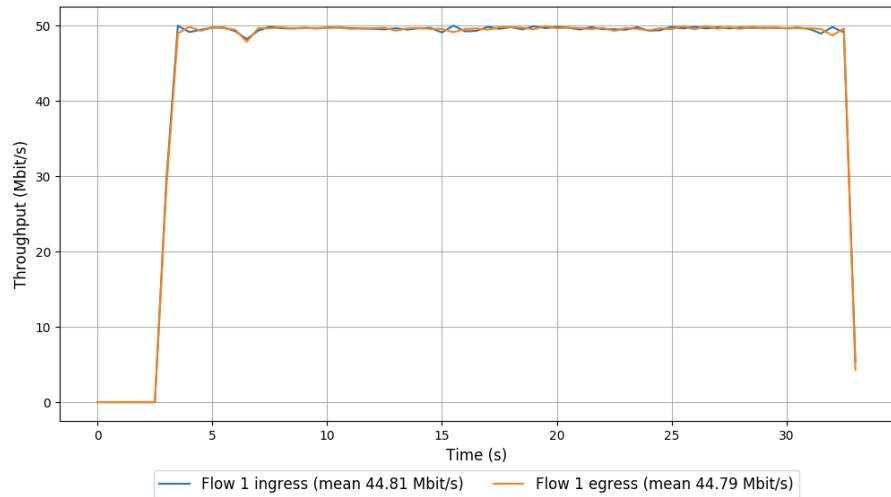
```
-- Flow 1:
```

```
Average throughput: 44.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.725 ms
```

```
Loss rate: 0.08%
```

Run 1: Report of KohoCC — Data Link

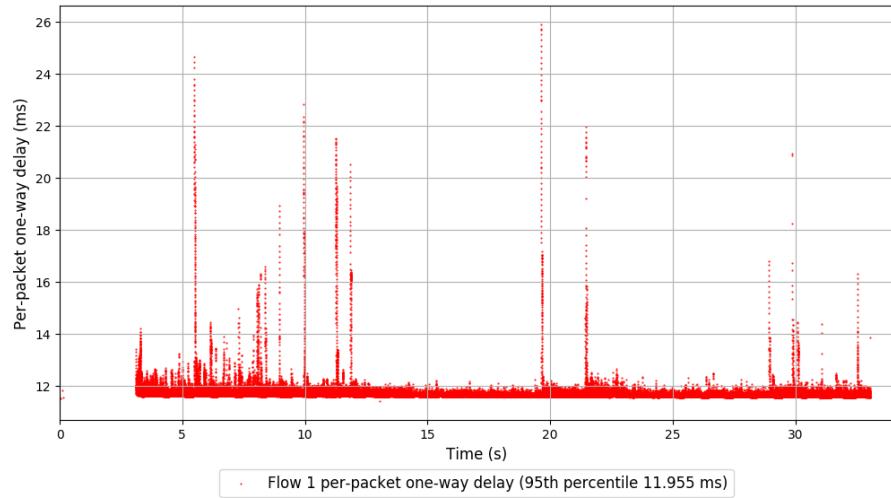
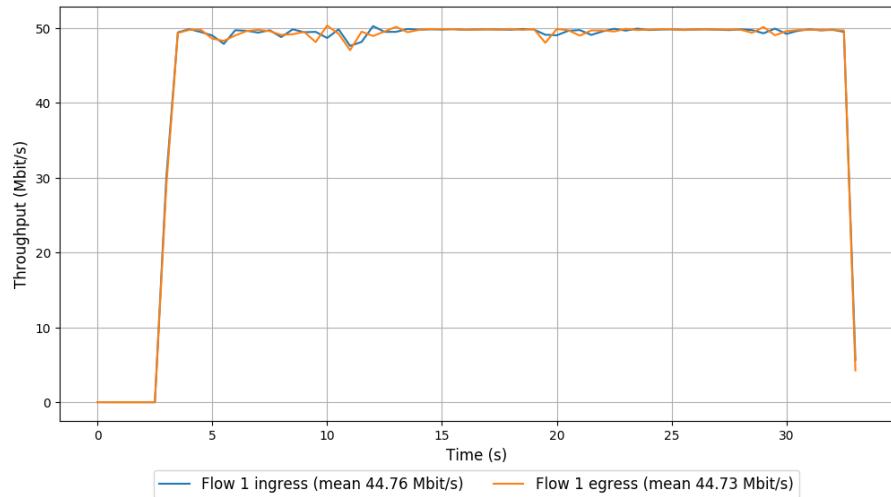


Run 2: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:58:42 +0000
End at: Tue, 04 Jul 2017 04:59:12 +0000
Local clock offset: 2.878 ms
Remote clock offset: -16.697 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.13%
```

Run 2: Report of KohoCC — Data Link

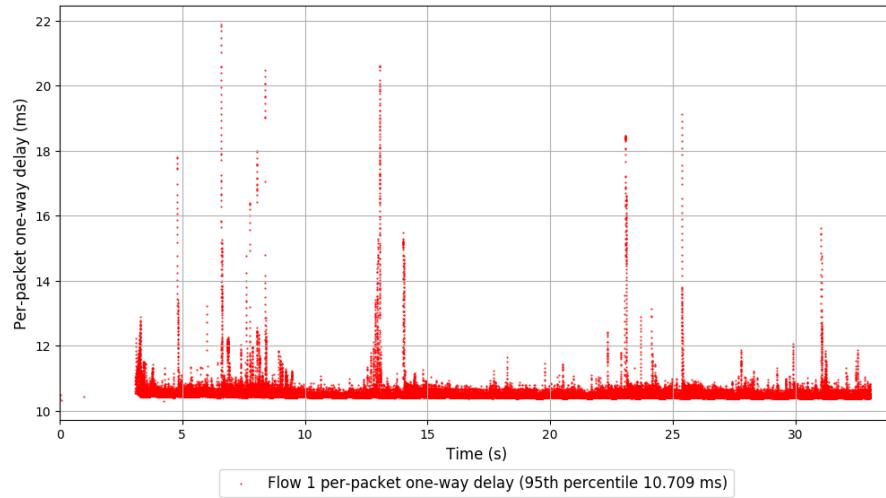
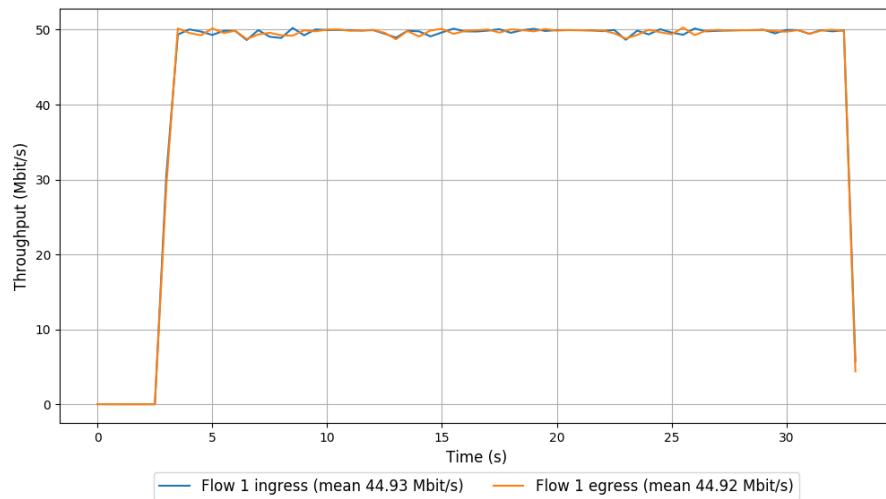


Run 3: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:16:19 +0000
End at: Tue, 04 Jul 2017 05:16:50 +0000
Local clock offset: 3.479 ms
Remote clock offset: -18.42 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 10.709 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 10.709 ms
Loss rate: 0.10%
```

Run 3: Report of KohoCC — Data Link

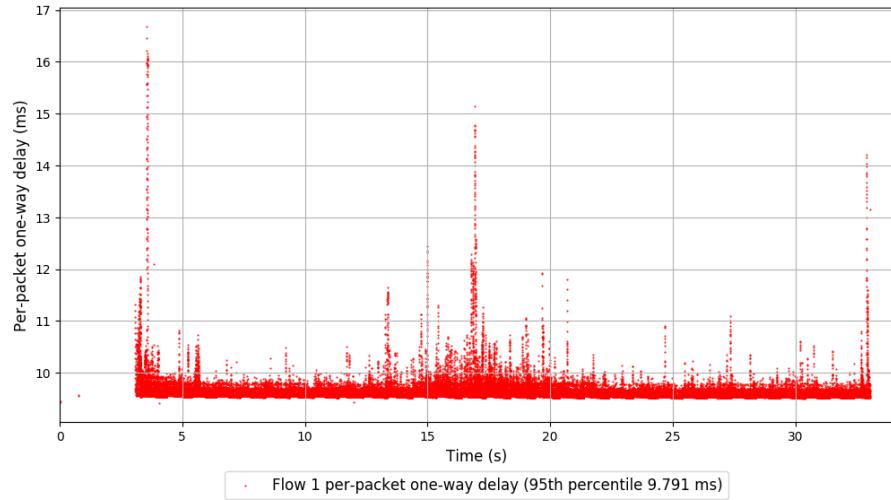
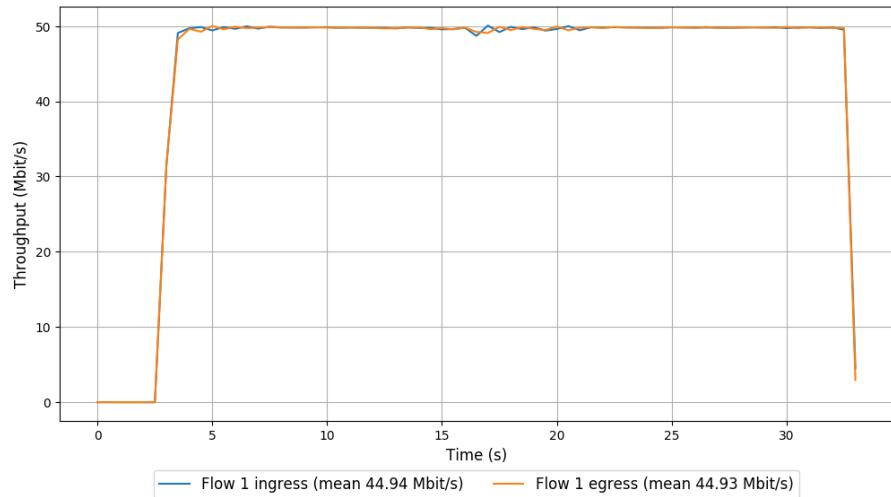


Run 4: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:34:29 +0000
End at: Tue, 04 Jul 2017 05:34:59 +0000
Local clock offset: 1.618 ms
Remote clock offset: -20.143 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 9.791 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 9.791 ms
Loss rate: 0.09%
```

Run 4: Report of KohoCC — Data Link

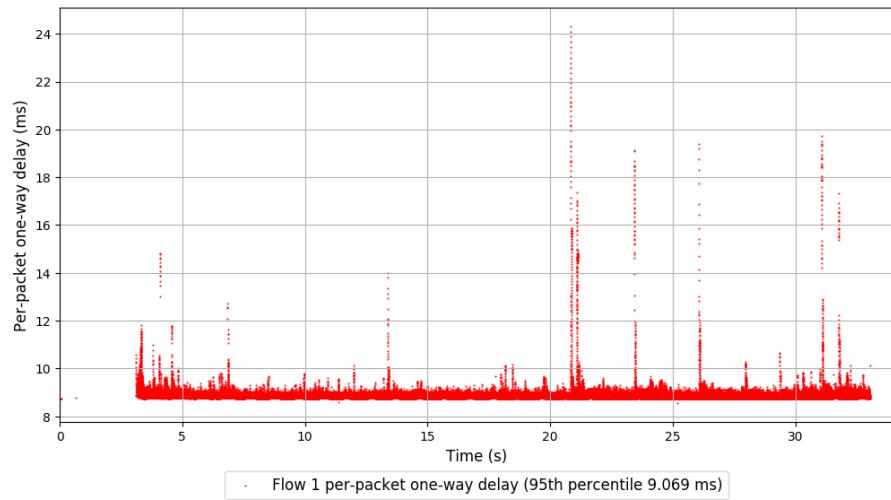
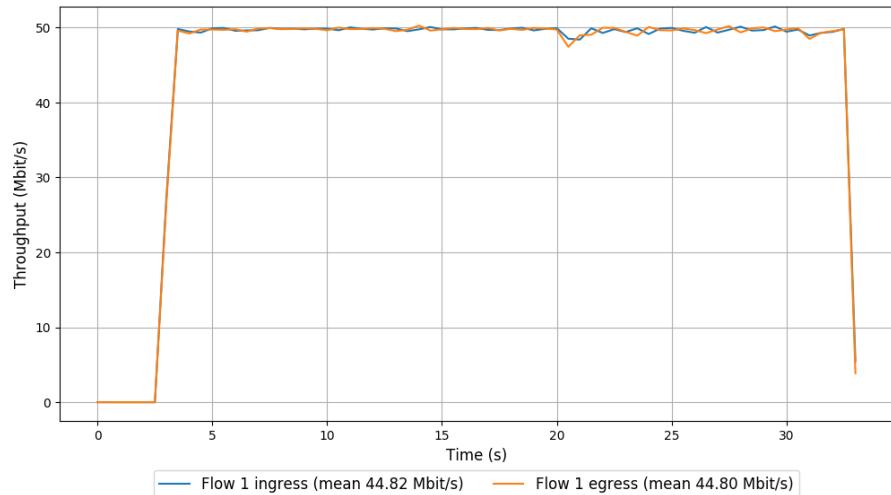


Run 5: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:52:00 +0000
End at: Tue, 04 Jul 2017 05:52:30 +0000
Local clock offset: 4.043 ms
Remote clock offset: -20.526 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 9.069 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 9.069 ms
Loss rate: 0.12%
```

Run 5: Report of KohoCC — Data Link

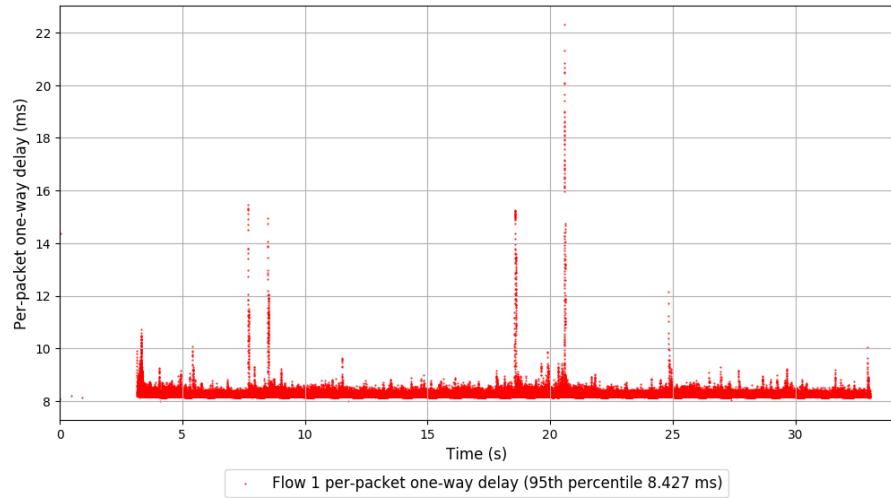
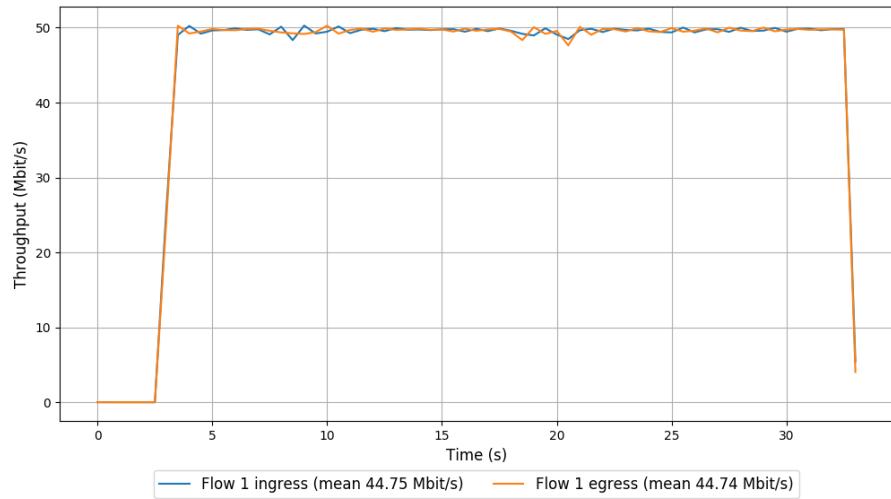


Run 6: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:09:14 +0000
End at: Tue, 04 Jul 2017 06:09:44 +0000
Local clock offset: 4.65 ms
Remote clock offset: -21.891 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 8.427 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 8.427 ms
Loss rate: 0.11%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 06:26:40 +0000

End at: Tue, 04 Jul 2017 06:27:10 +0000

Local clock offset: 2.48 ms

Remote clock offset: -20.808 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:40:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.63 Mbit/s

95th percentile per-packet one-way delay: 8.236 ms

Loss rate: 0.15%

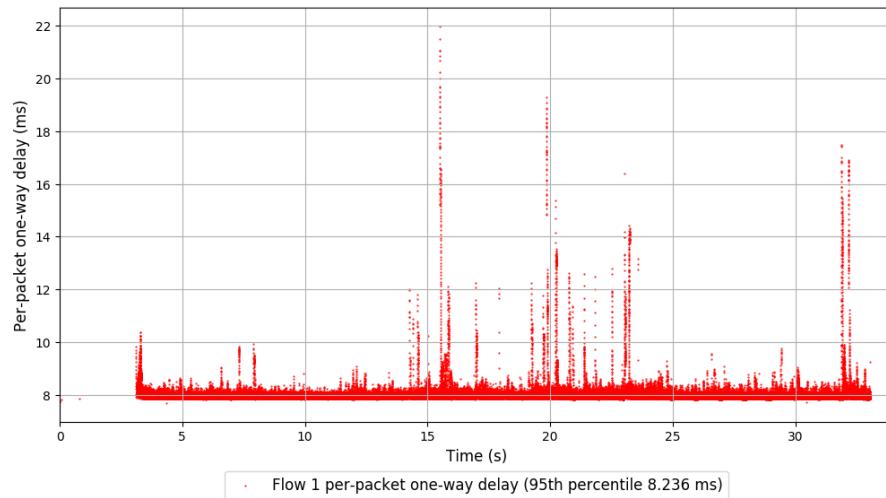
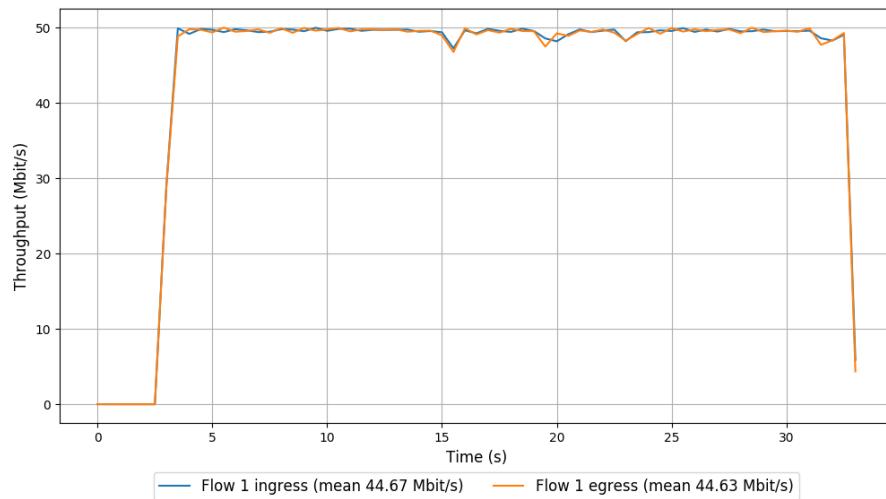
-- Flow 1:

Average throughput: 44.63 Mbit/s

95th percentile per-packet one-way delay: 8.236 ms

Loss rate: 0.15%

Run 7: Report of KohoCC — Data Link

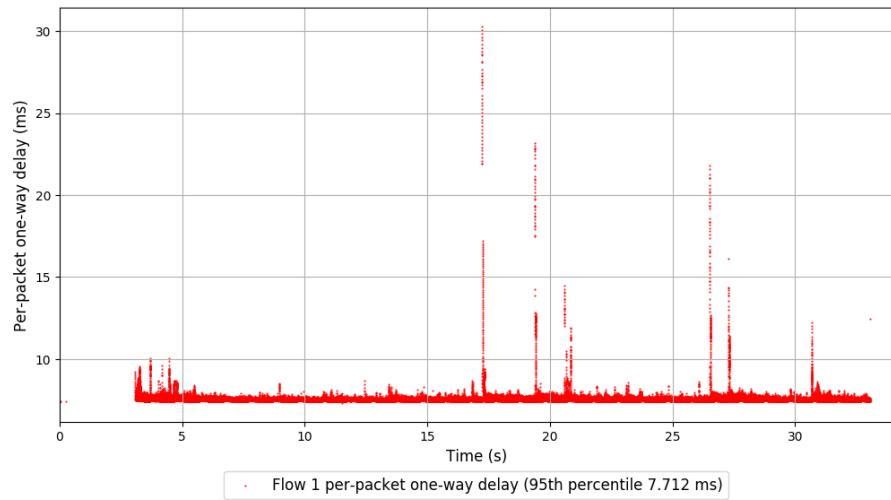
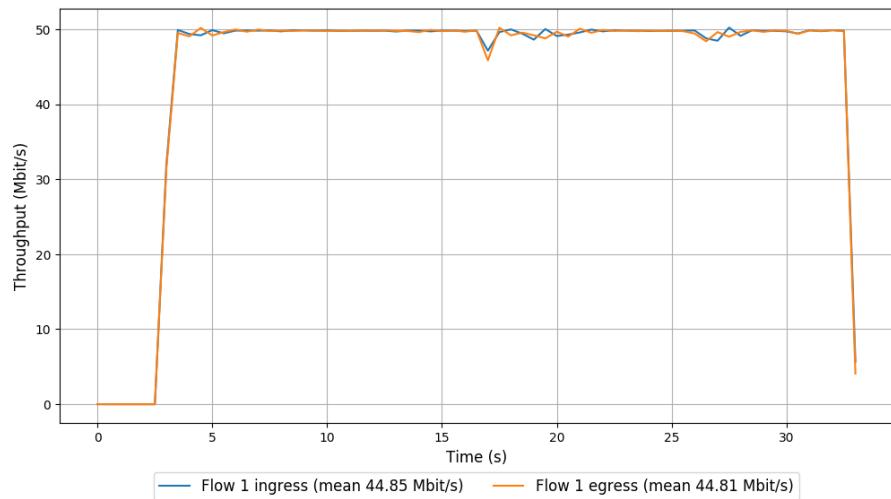


Run 8: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:44:16 +0000
End at: Tue, 04 Jul 2017 06:44:46 +0000
Local clock offset: 3.052 ms
Remote clock offset: -22.076 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.81 Mbit/s
95th percentile per-packet one-way delay: 7.712 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 44.81 Mbit/s
95th percentile per-packet one-way delay: 7.712 ms
Loss rate: 0.14%
```

Run 8: Report of KohoCC — Data Link

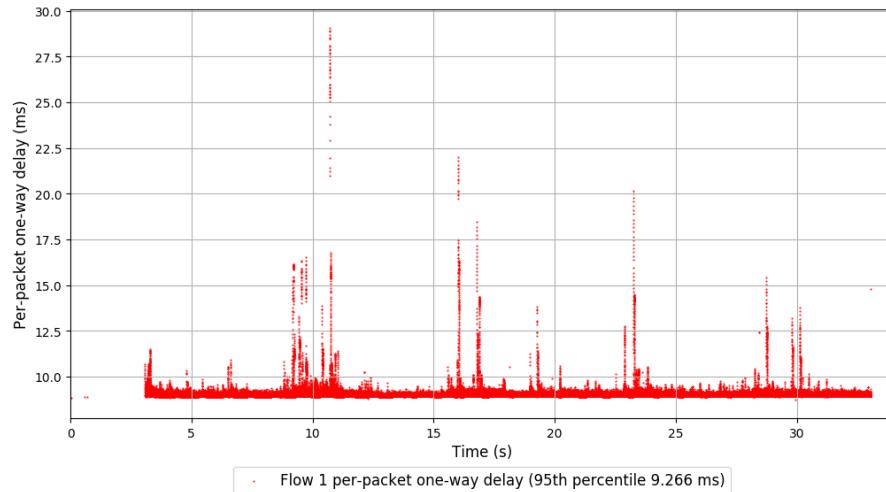
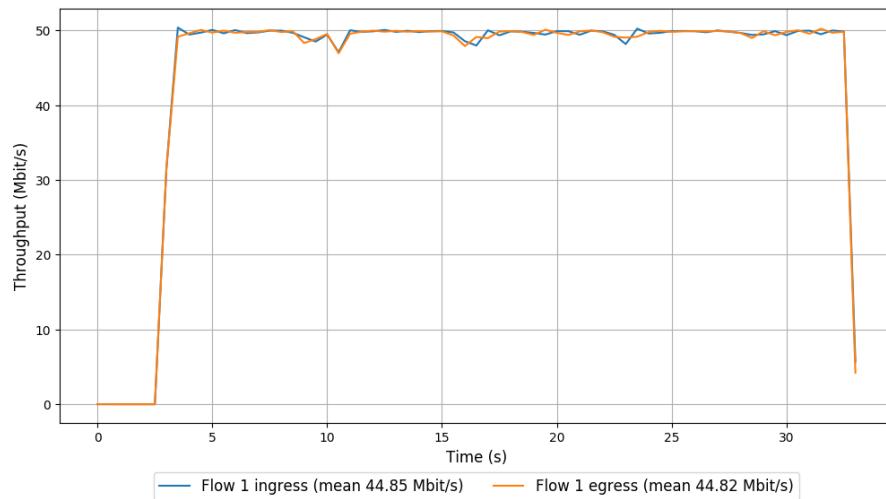


Run 9: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 07:01:54 +0000
End at: Tue, 04 Jul 2017 07:02:24 +0000
Local clock offset: 4.005 ms
Remote clock offset: -21.465 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: 9.266 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: 9.266 ms
Loss rate: 0.13%
```

Run 9: Report of KohoCC — Data Link

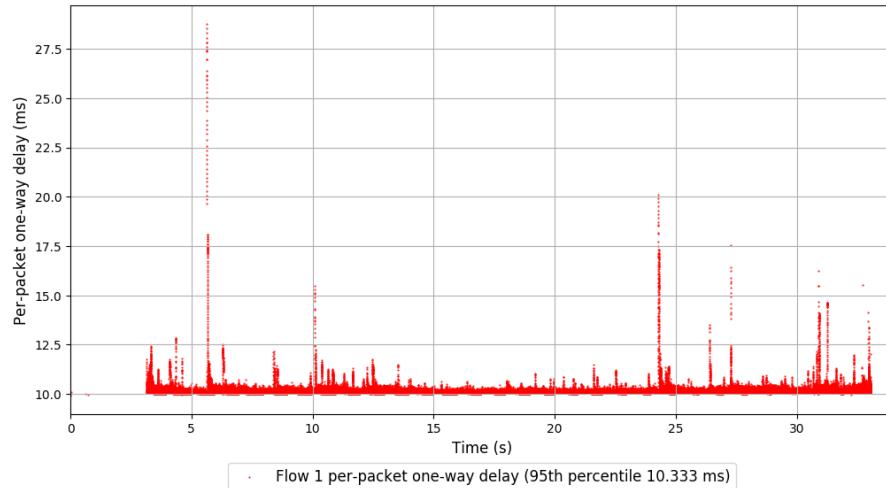
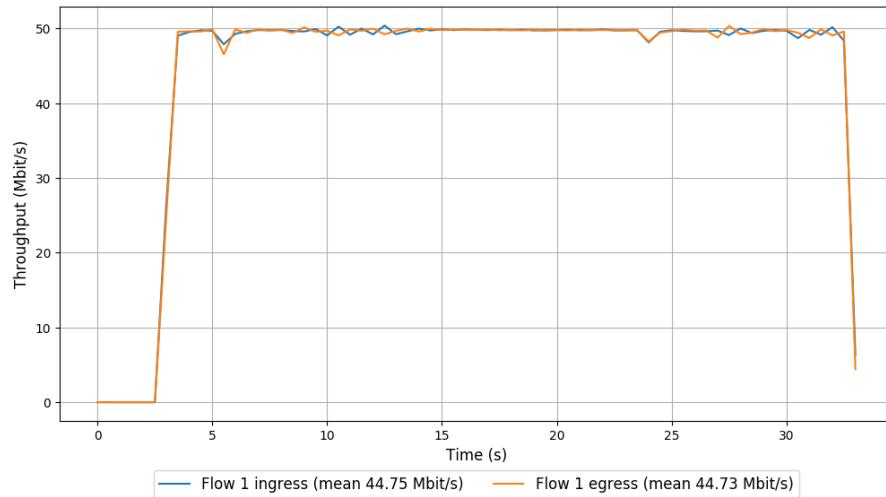


Run 10: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 07:19:30 +0000
End at: Tue, 04 Jul 2017 07:20:00 +0000
Local clock offset: 3.827 ms
Remote clock offset: -19.818 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 0.11%
```

Run 10: Report of KohoCC — Data Link

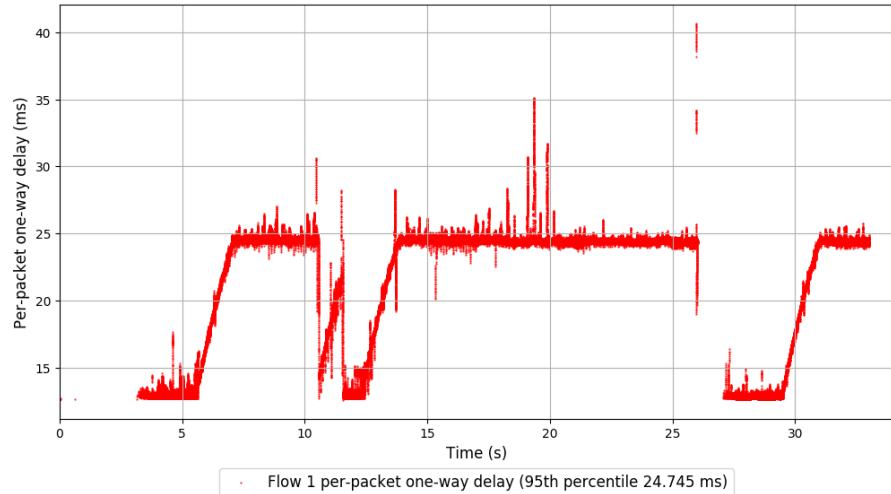
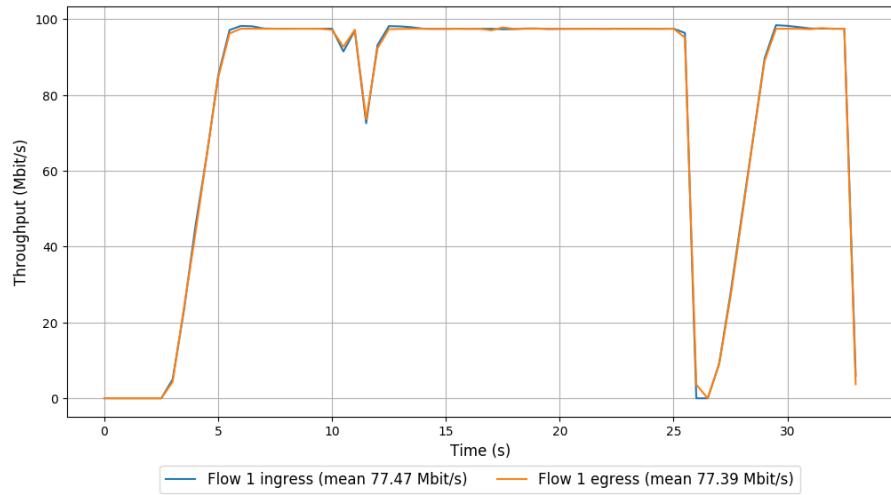


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 04 Jul 2017 04:45:02 +0000
End at: Tue, 04 Jul 2017 04:45:32 +0000
Local clock offset: 3.317 ms
Remote clock offset: -16.549 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 24.745 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 24.745 ms
Loss rate: 0.19%
```

Run 1: Report of LEDBAT — Data Link

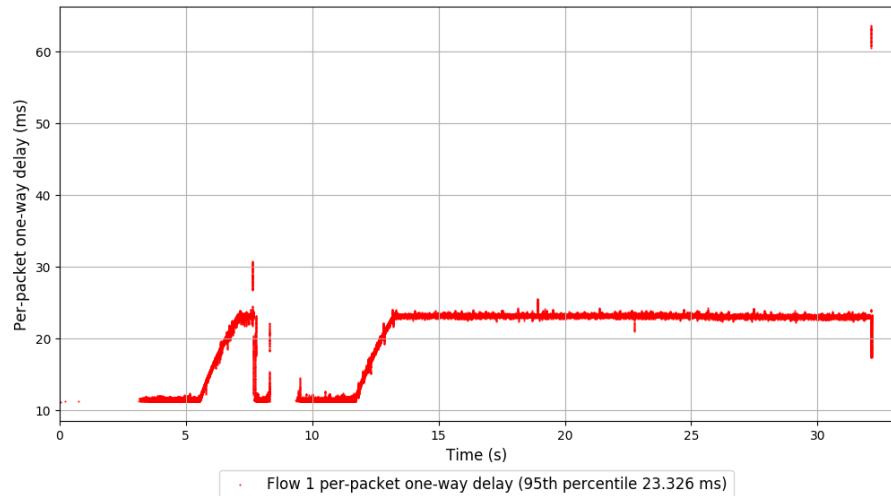
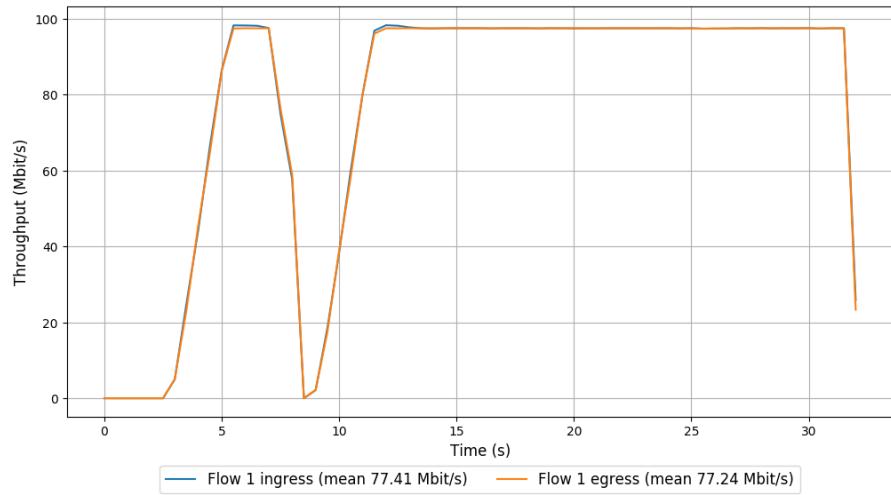


Run 2: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:03:30 +0000
End at: Tue, 04 Jul 2017 05:04:00 +0000
Local clock offset: 3.341 ms
Remote clock offset: -17.622 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.24 Mbit/s
95th percentile per-packet one-way delay: 23.326 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 77.24 Mbit/s
95th percentile per-packet one-way delay: 23.326 ms
Loss rate: 0.18%
```

Run 2: Report of LEDBAT — Data Link

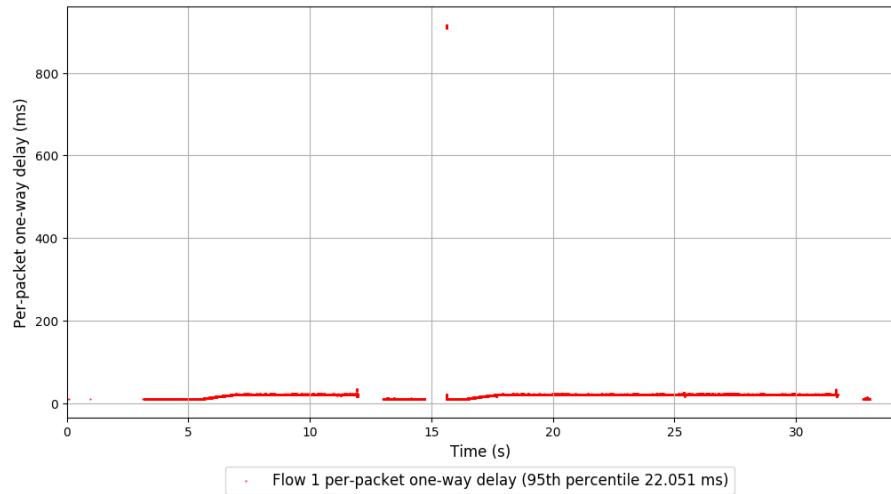
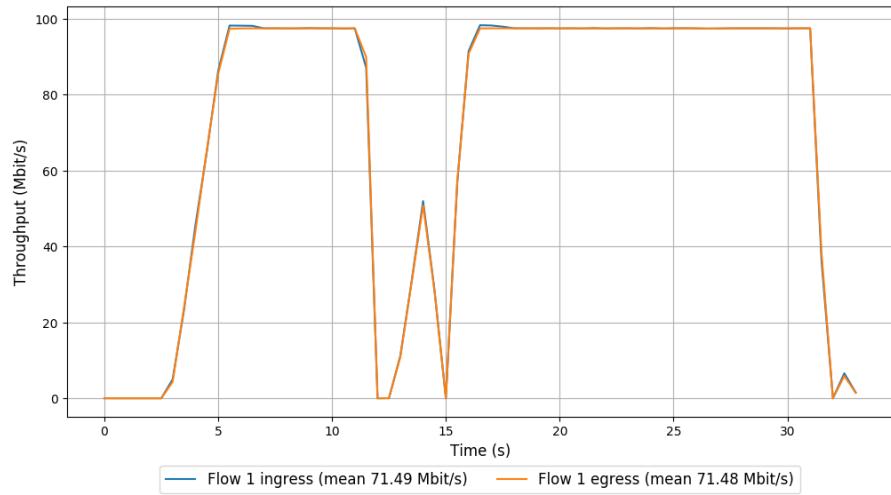


Run 3: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:21:11 +0000
End at: Tue, 04 Jul 2017 05:21:41 +0000
Local clock offset: 0.785 ms
Remote clock offset: -17.845 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 22.051 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 22.051 ms
Loss rate: 0.09%
```

Run 3: Report of LEDBAT — Data Link

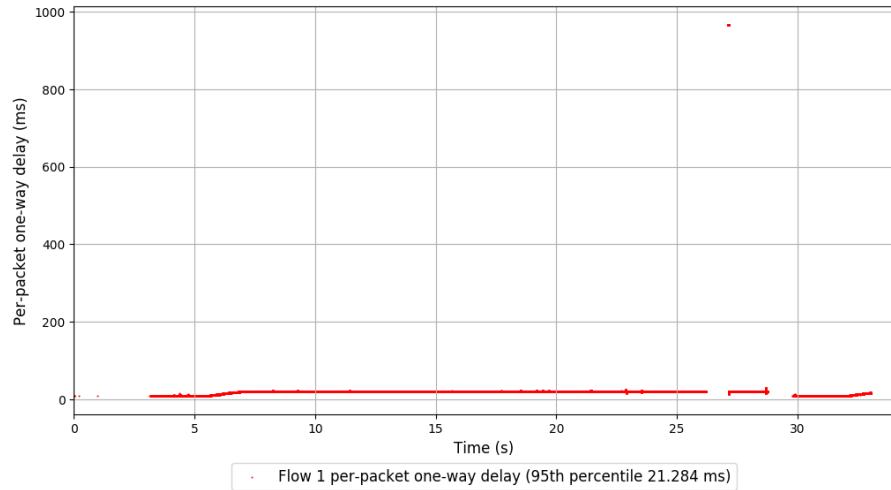
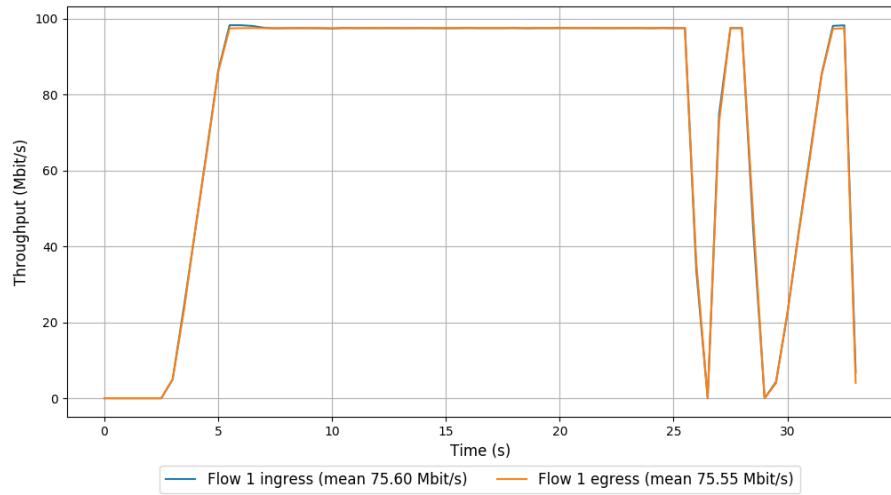


Run 4: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:39:19 +0000
End at: Tue, 04 Jul 2017 05:39:49 +0000
Local clock offset: 1.312 ms
Remote clock offset: -20.246 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.55 Mbit/s
95th percentile per-packet one-way delay: 21.284 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 75.55 Mbit/s
95th percentile per-packet one-way delay: 21.284 ms
Loss rate: 0.14%
```

Run 4: Report of LEDBAT — Data Link

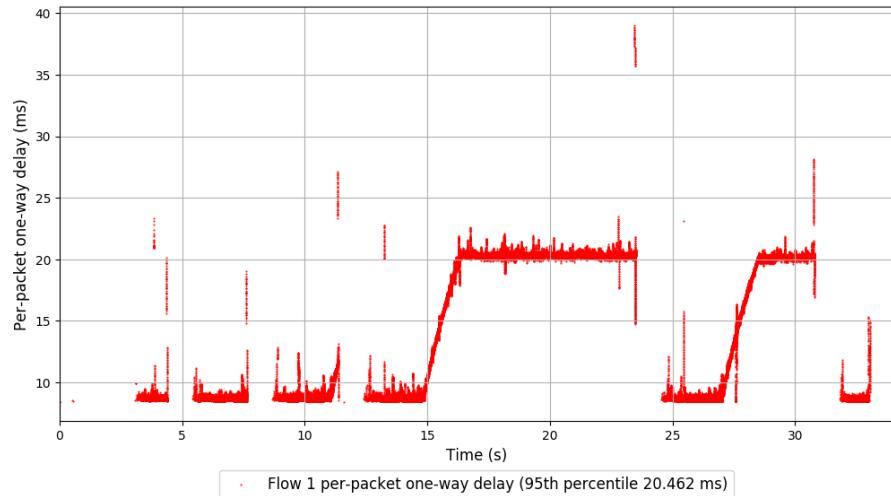
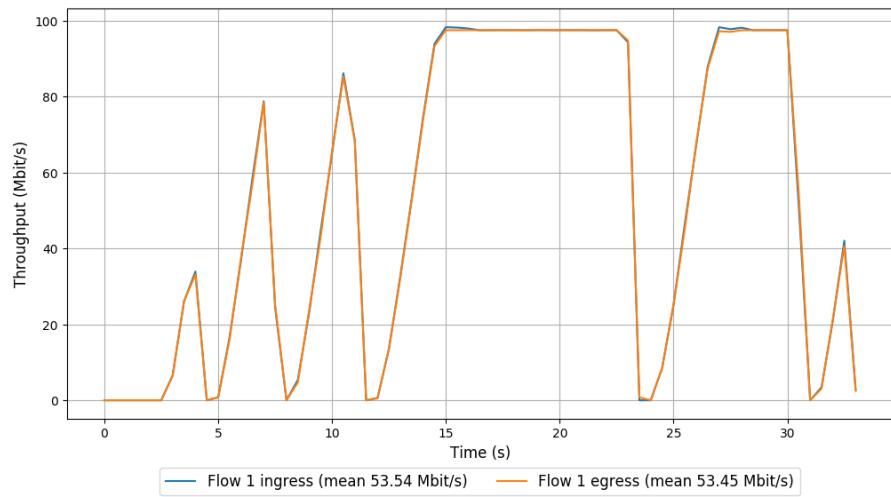


Run 5: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:56:40 +0000
End at: Tue, 04 Jul 2017 05:57:10 +0000
Local clock offset: 5.207 ms
Remote clock offset: -20.389 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 20.462 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 20.462 ms
Loss rate: 0.25%
```

Run 5: Report of LEDBAT — Data Link

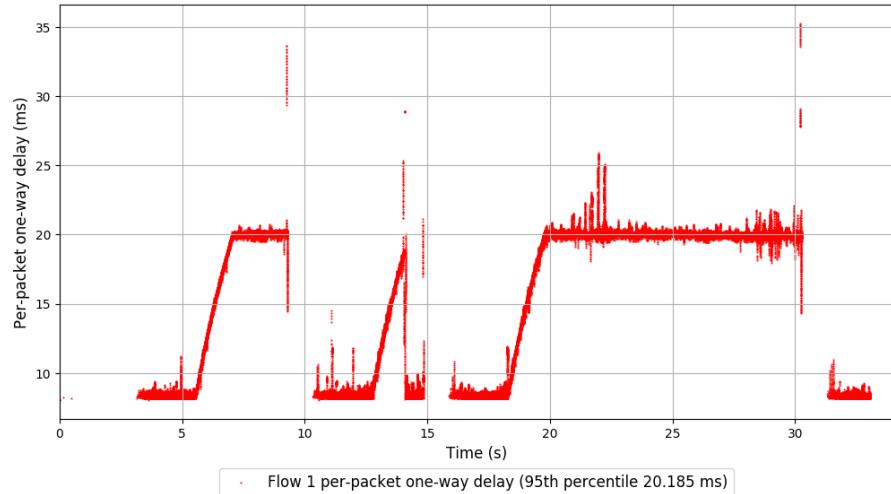
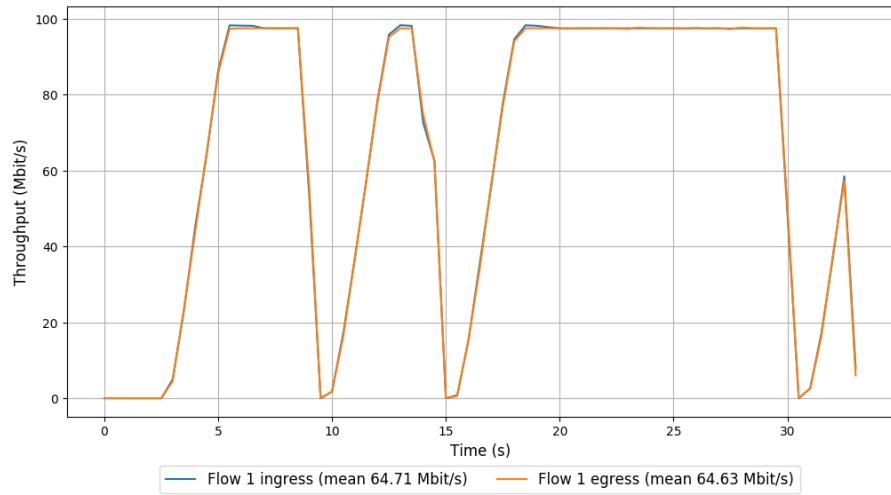


Run 6: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:14:04 +0000
End at: Tue, 04 Jul 2017 06:14:34 +0000
Local clock offset: 3.431 ms
Remote clock offset: -20.239 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.20%
```

Run 6: Report of LEDBAT — Data Link

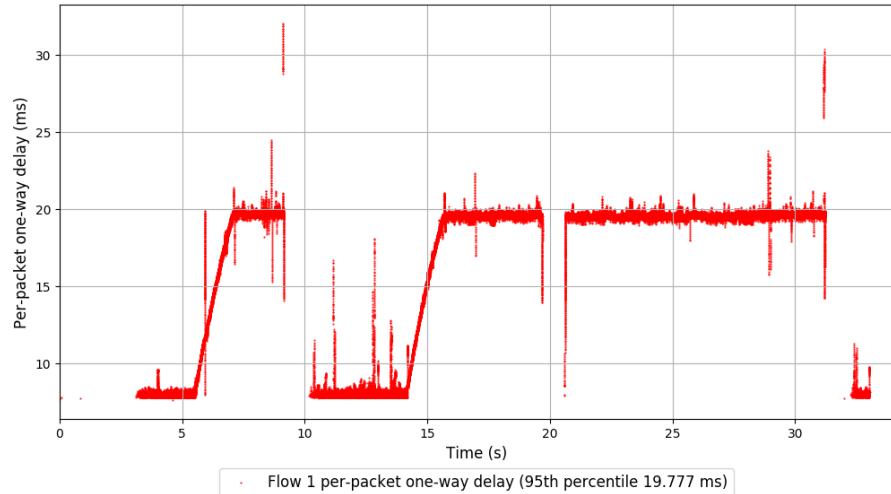
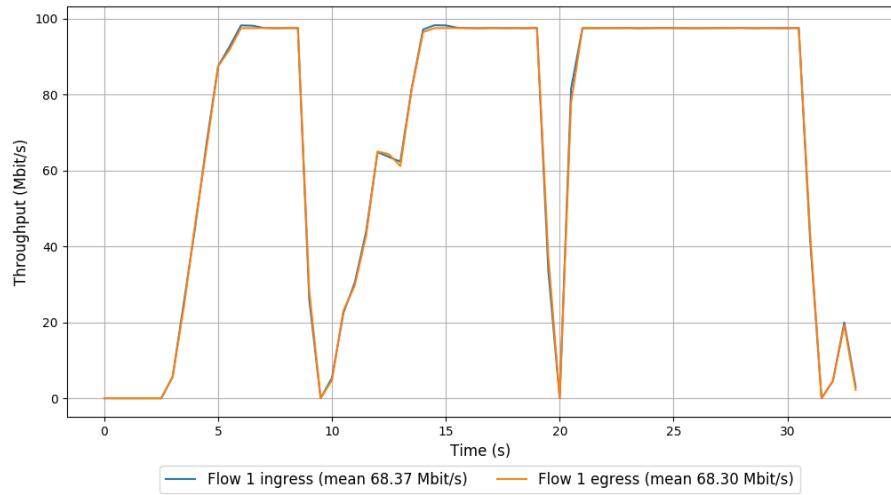


Run 7: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:31:29 +0000
End at: Tue, 04 Jul 2017 06:31:59 +0000
Local clock offset: 4.947 ms
Remote clock offset: -21.79 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.30 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 68.30 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 0.13%
```

Run 7: Report of LEDBAT — Data Link

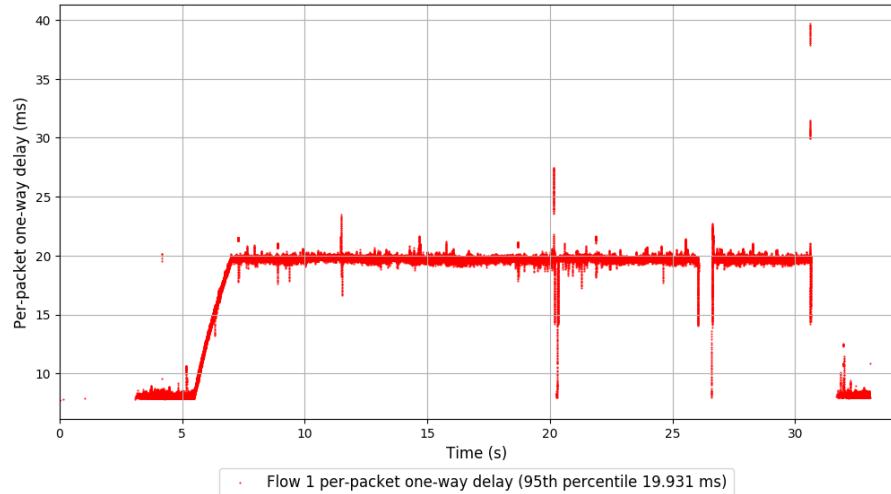
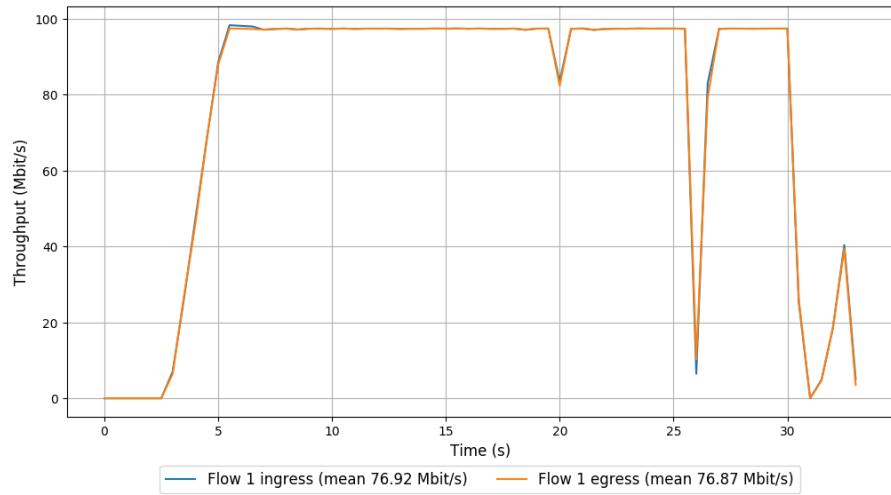


Run 8: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:49:02 +0000
End at: Tue, 04 Jul 2017 06:49:32 +0000
Local clock offset: 3.704 ms
Remote clock offset: -20.196 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 19.931 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 19.931 ms
Loss rate: 0.13%
```

Run 8: Report of LEDBAT — Data Link

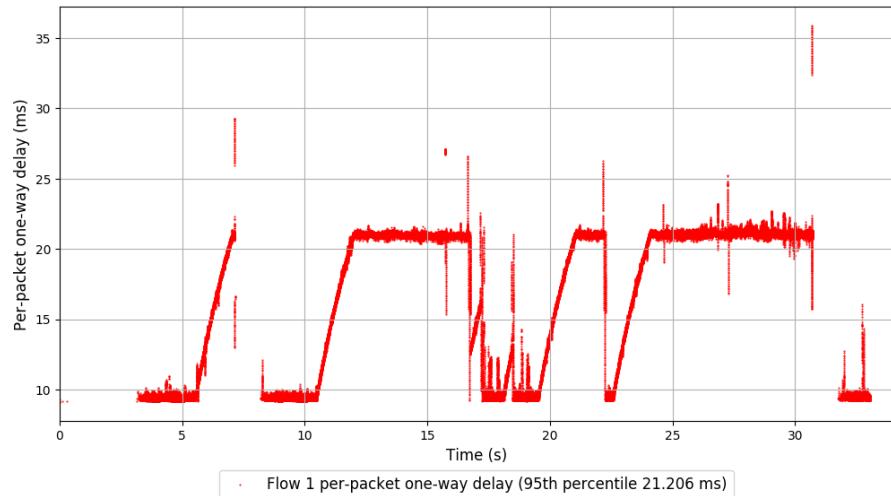
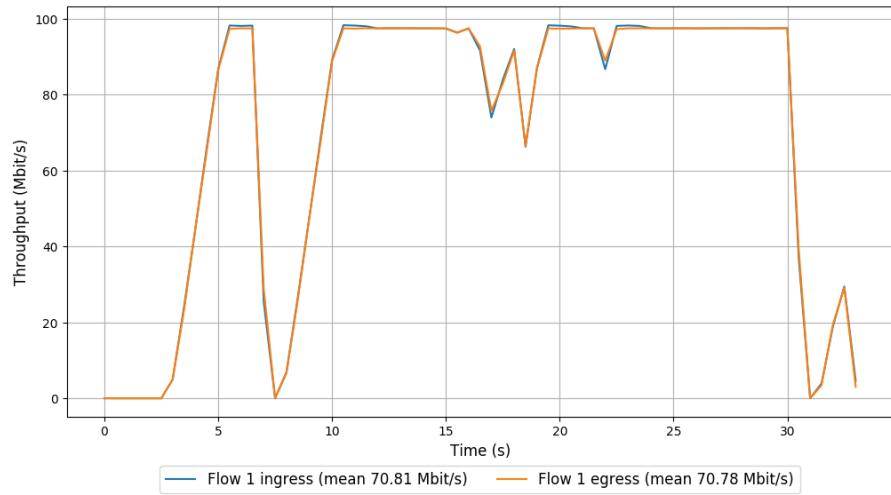


Run 9: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 07:06:46 +0000
End at: Tue, 04 Jul 2017 07:07:16 +0000
Local clock offset: 0.923 ms
Remote clock offset: -18.777 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.11%
```

Run 9: Report of LEDBAT — Data Link

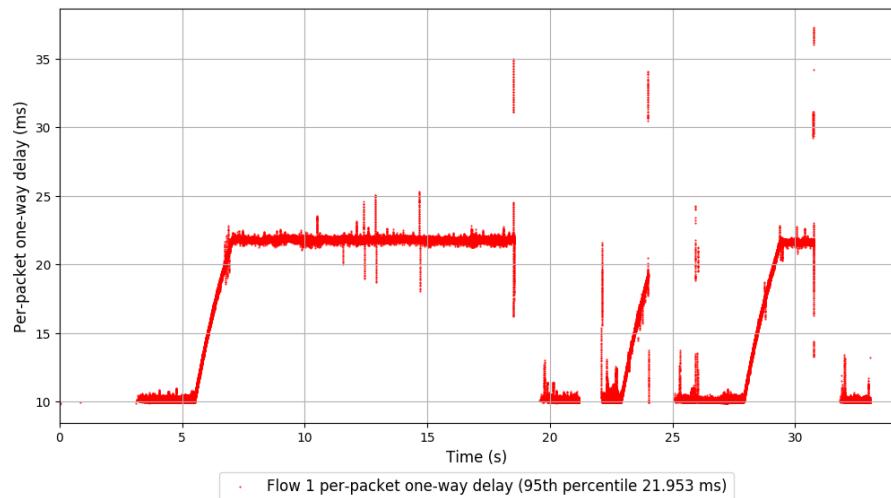
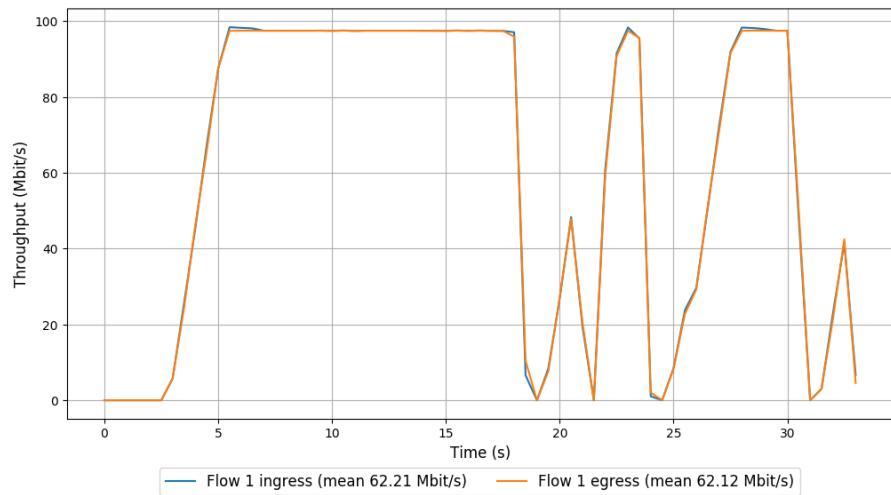


Run 10: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 07:24:20 +0000
End at: Tue, 04 Jul 2017 07:24:50 +0000
Local clock offset: 4.611 ms
Remote clock offset: -18.764 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 21.953 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 21.953 ms
Loss rate: 0.21%
```

Run 10: Report of LEDBAT — Data Link

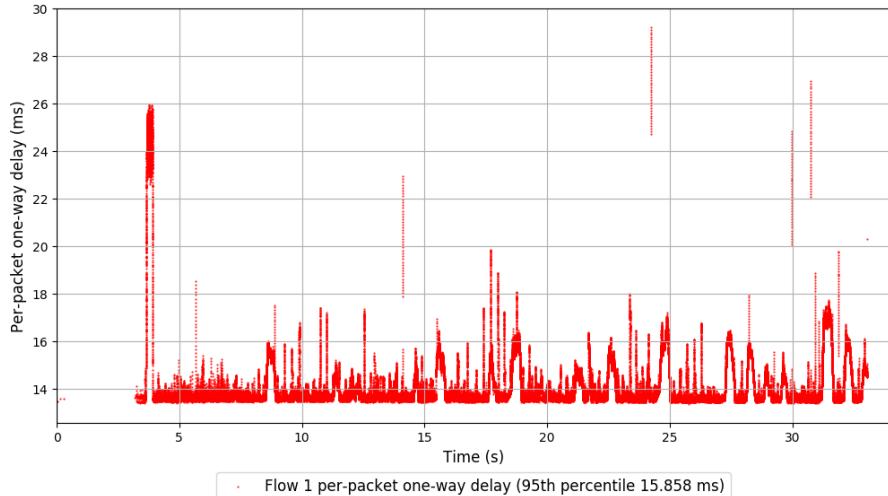
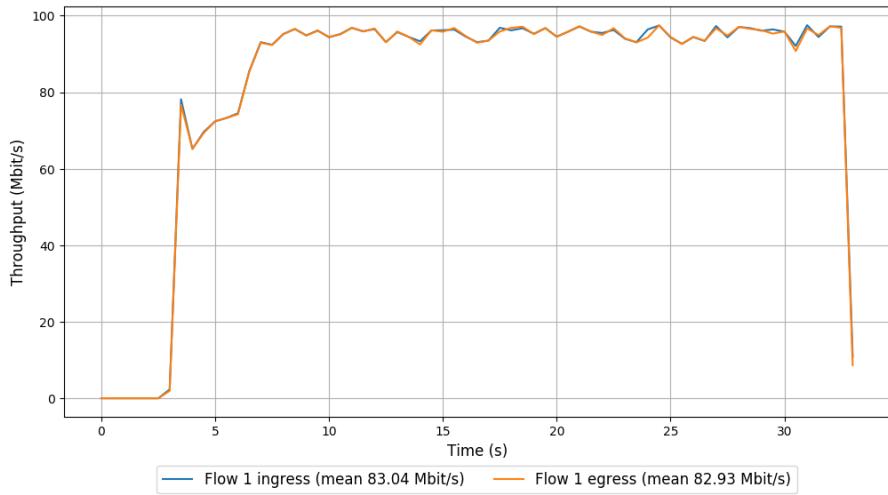


Run 1: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:36:58 +0000
End at: Tue, 04 Jul 2017 04:37:28 +0000
Local clock offset: 0.878 ms
Remote clock offset: -15.714 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 15.858 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 15.858 ms
Loss rate: 0.19%
```

Run 1: Report of PCC — Data Link

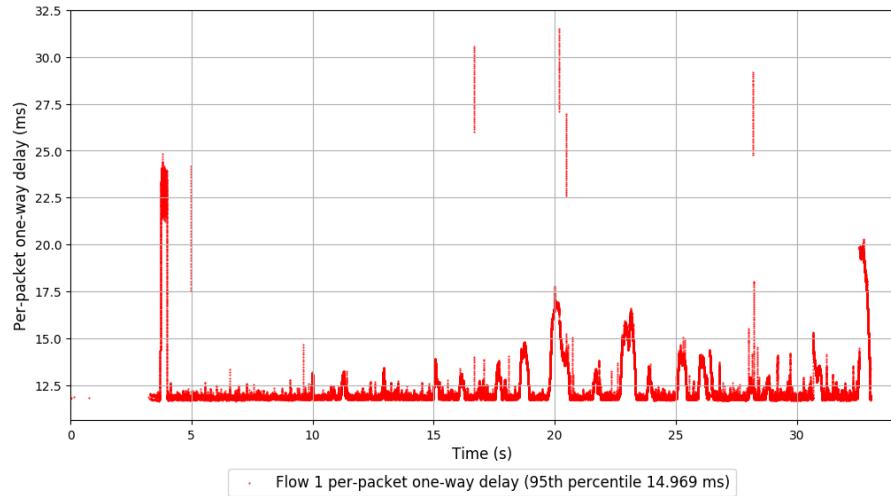
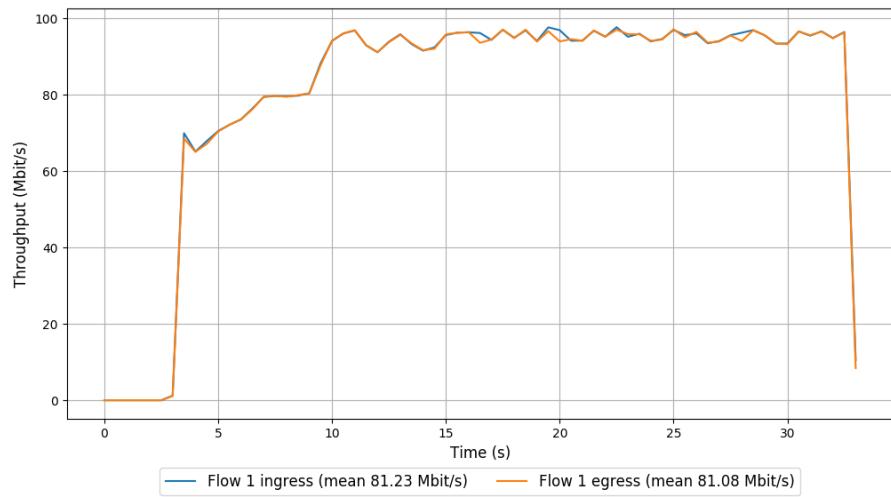


Run 2: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:56:14 +0000
End at: Tue, 04 Jul 2017 04:56:44 +0000
Local clock offset: 3.782 ms
Remote clock offset: -17.911 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 14.969 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 14.969 ms
Loss rate: 0.25%
```

Run 2: Report of PCC — Data Link

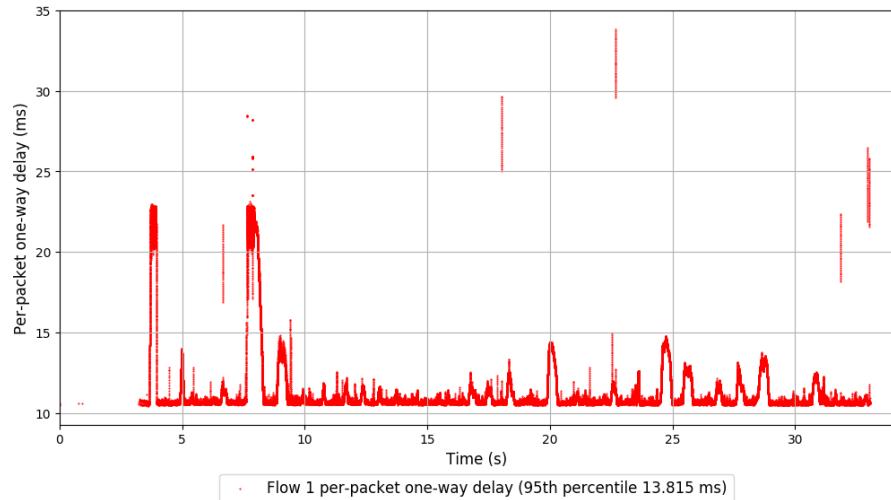
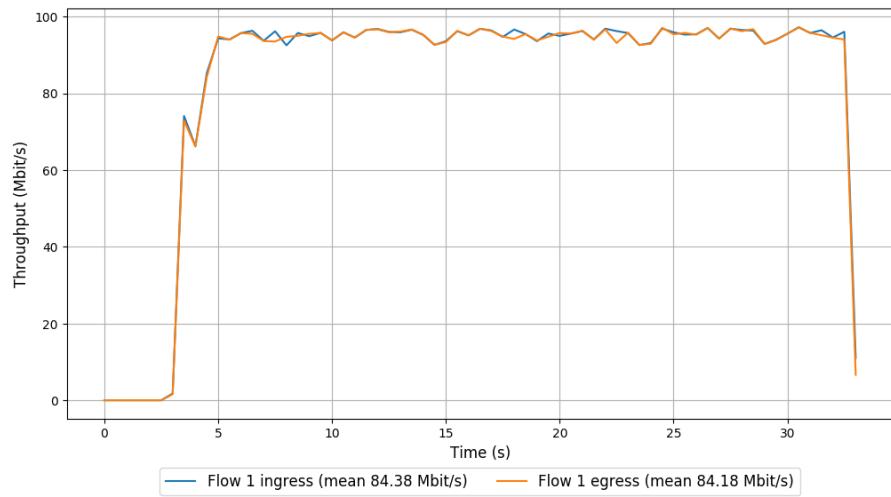


Run 3: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:13:55 +0000
End at: Tue, 04 Jul 2017 05:14:25 +0000
Local clock offset: 5.202 ms
Remote clock offset: -17.999 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.18 Mbit/s
95th percentile per-packet one-way delay: 13.815 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 84.18 Mbit/s
95th percentile per-packet one-way delay: 13.815 ms
Loss rate: 0.30%
```

Run 3: Report of PCC — Data Link

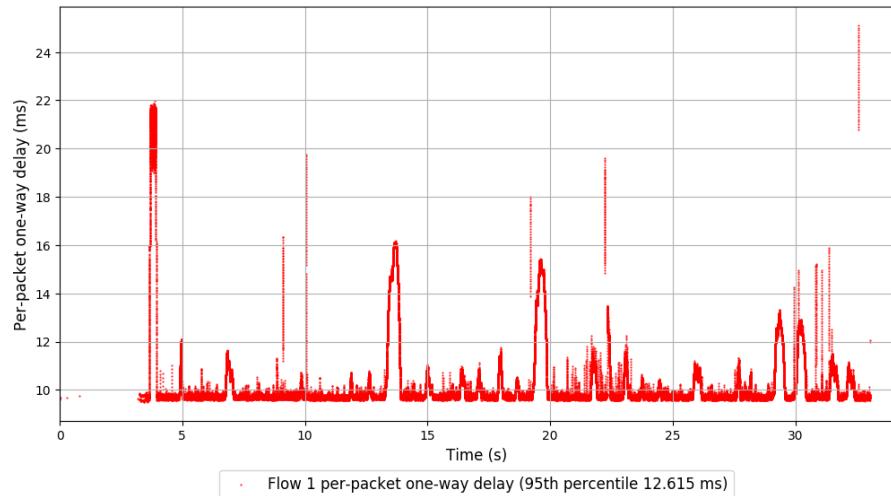
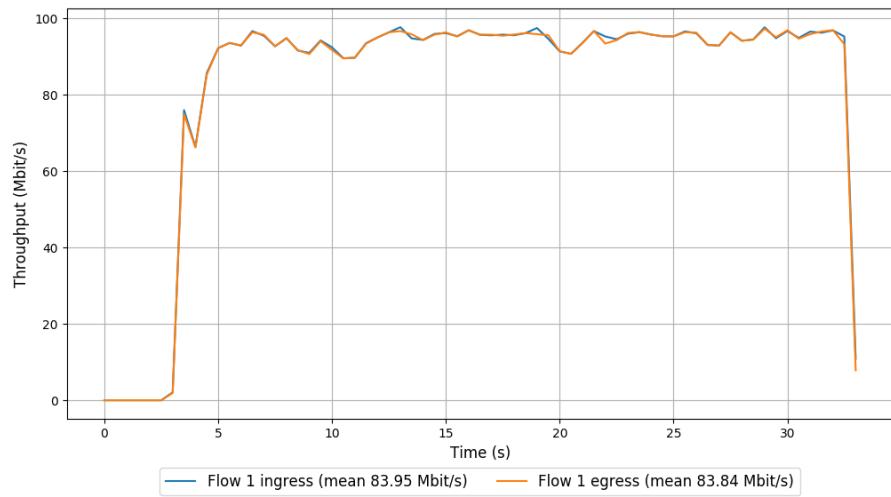


Run 4: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:32:03 +0000
End at: Tue, 04 Jul 2017 05:32:33 +0000
Local clock offset: 3.209 ms
Remote clock offset: -17.877 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 12.615 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 12.615 ms
Loss rate: 0.20%
```

Run 4: Report of PCC — Data Link

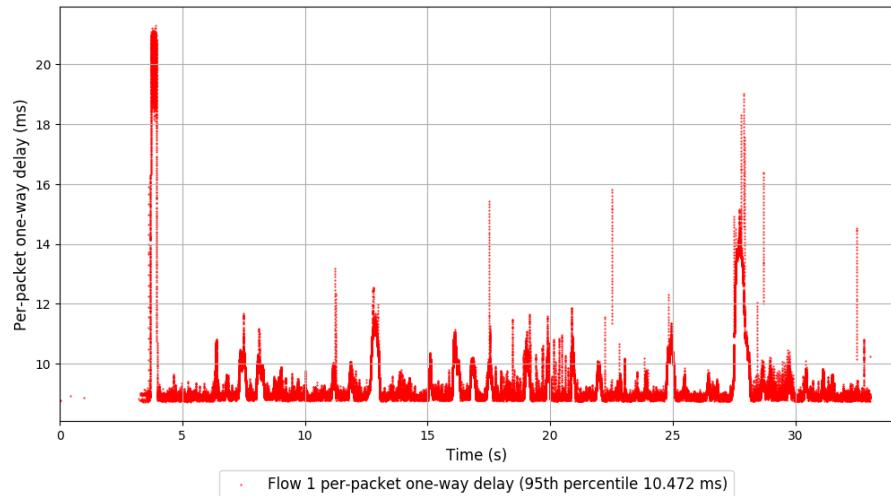
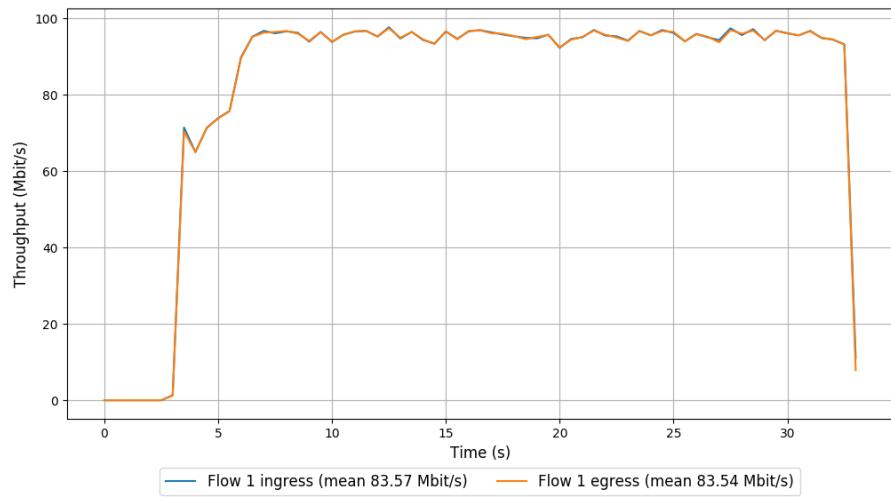


Run 5: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:49:35 +0000
End at: Tue, 04 Jul 2017 05:50:05 +0000
Local clock offset: 2.573 ms
Remote clock offset: -20.443 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 10.472 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 10.472 ms
Loss rate: 0.11%
```

Run 5: Report of PCC — Data Link

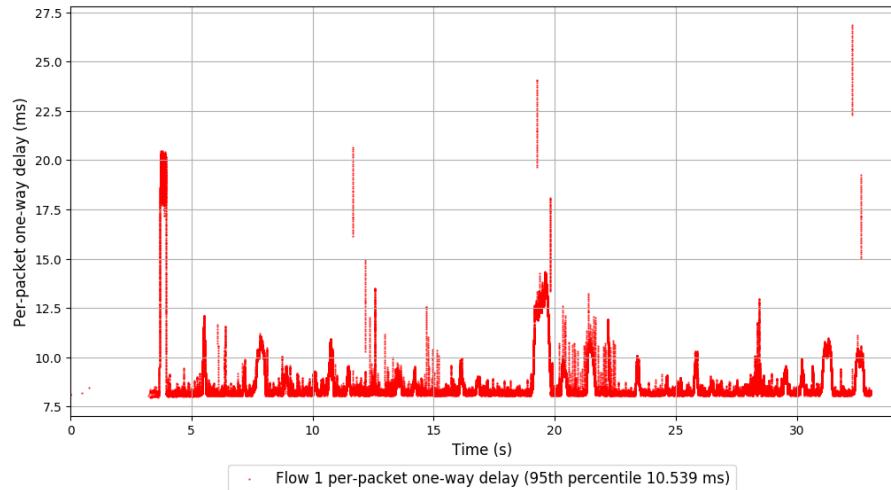
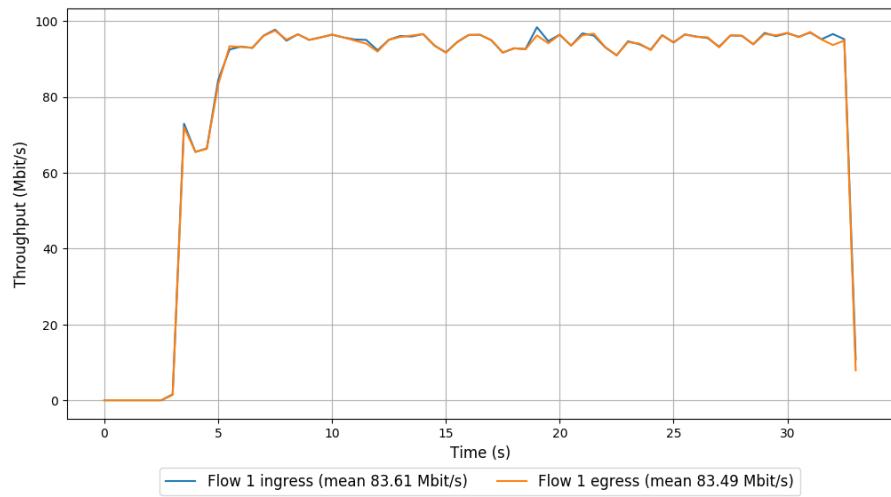


Run 6: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:06:51 +0000
End at: Tue, 04 Jul 2017 06:07:21 +0000
Local clock offset: 1.583 ms
Remote clock offset: -19.989 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 10.539 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 10.539 ms
Loss rate: 0.22%
```

Run 6: Report of PCC — Data Link

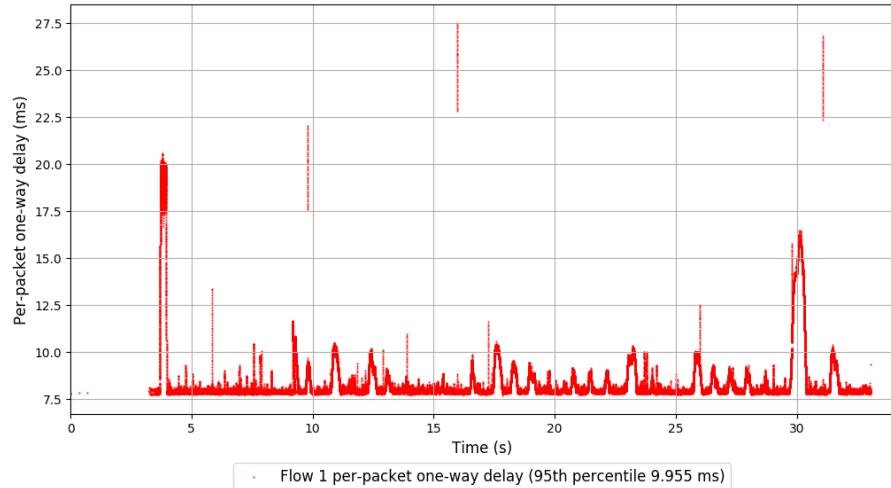
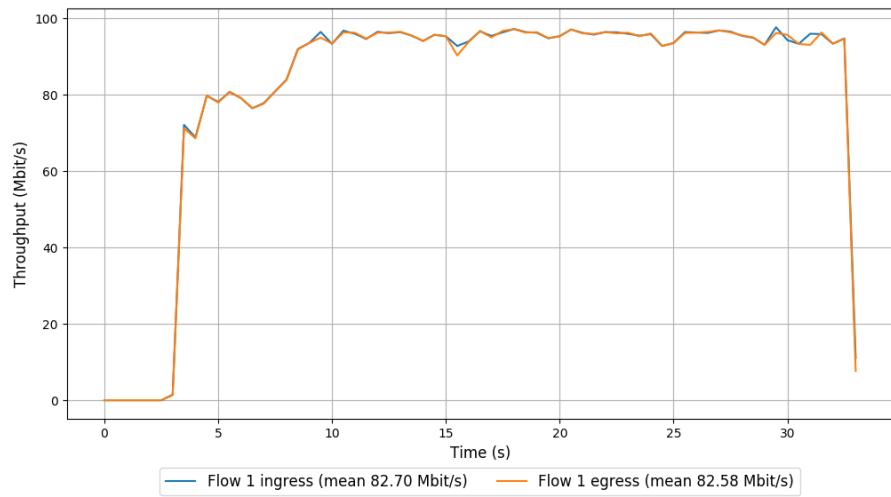


Run 7: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:24:18 +0000
End at: Tue, 04 Jul 2017 06:24:48 +0000
Local clock offset: 2.829 ms
Remote clock offset: -19.929 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.58 Mbit/s
95th percentile per-packet one-way delay: 9.955 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 82.58 Mbit/s
95th percentile per-packet one-way delay: 9.955 ms
Loss rate: 0.21%
```

Run 7: Report of PCC — Data Link

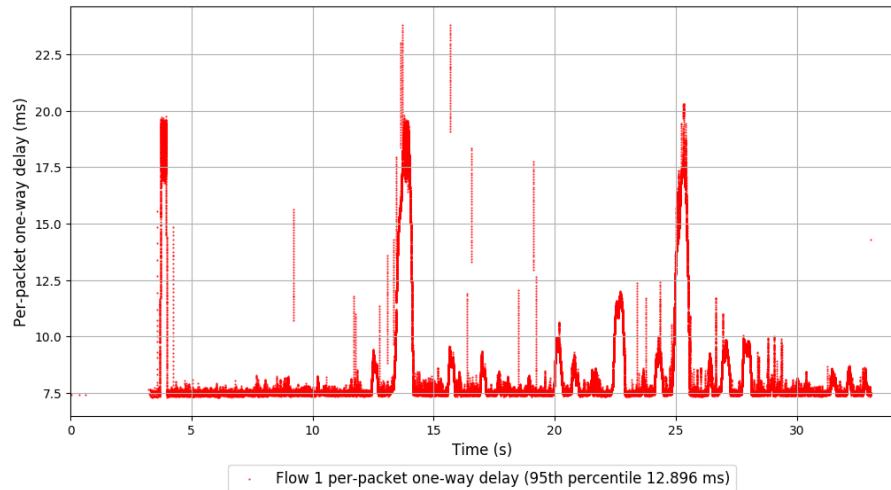
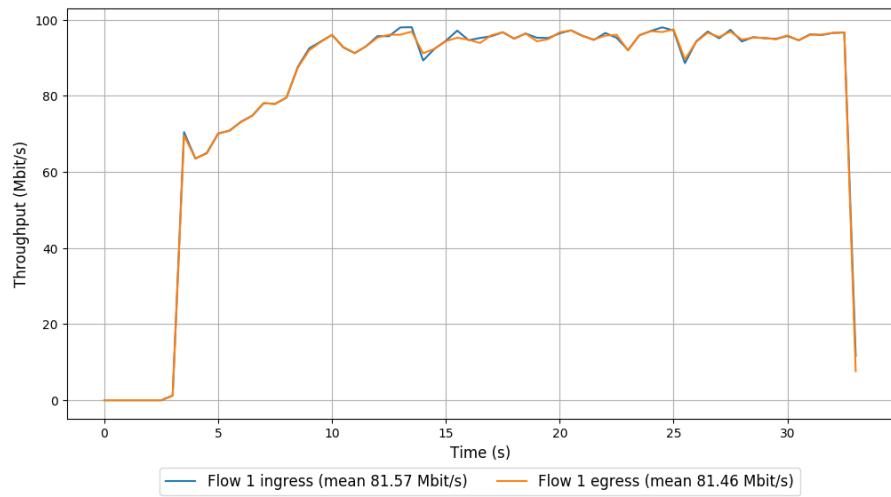


Run 8: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:41:50 +0000
End at: Tue, 04 Jul 2017 06:42:20 +0000
Local clock offset: 1.076 ms
Remote clock offset: -19.174 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.21%
```

Run 8: Report of PCC — Data Link

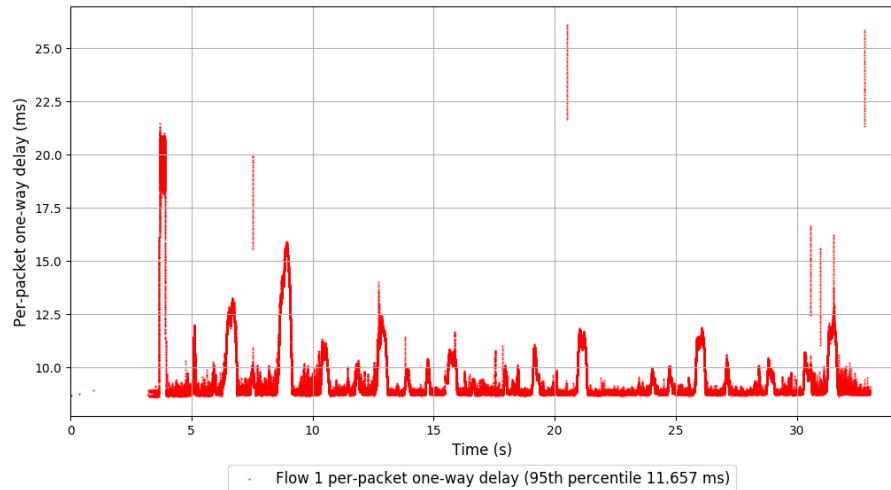
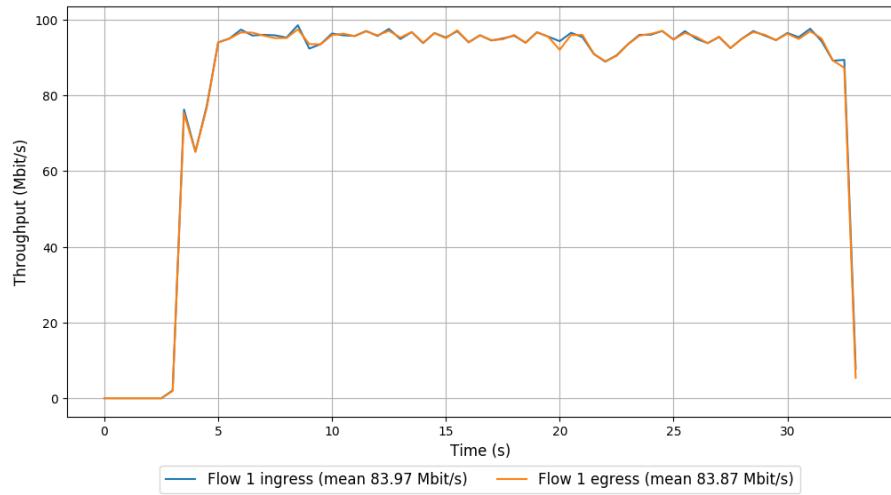


Run 9: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:59:32 +0000
End at: Tue, 04 Jul 2017 07:00:02 +0000
Local clock offset: 3.352 ms
Remote clock offset: -19.58 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 11.657 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 11.657 ms
Loss rate: 0.18%
```

Run 9: Report of PCC — Data Link

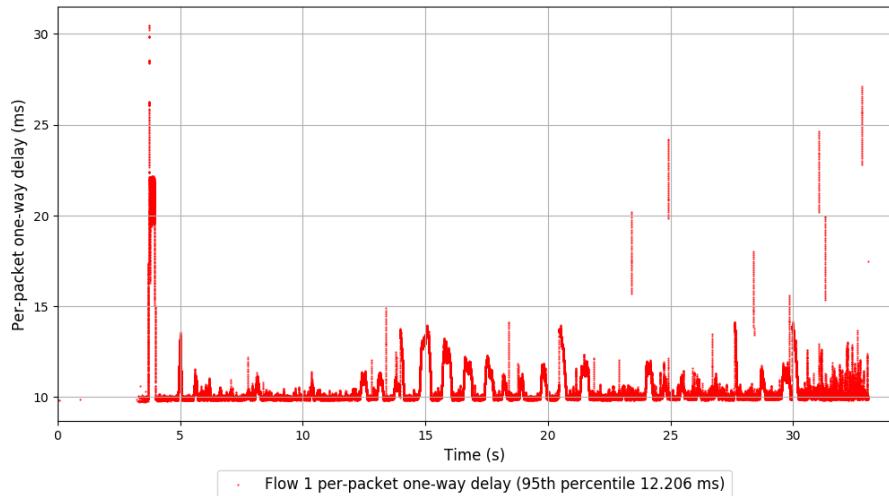
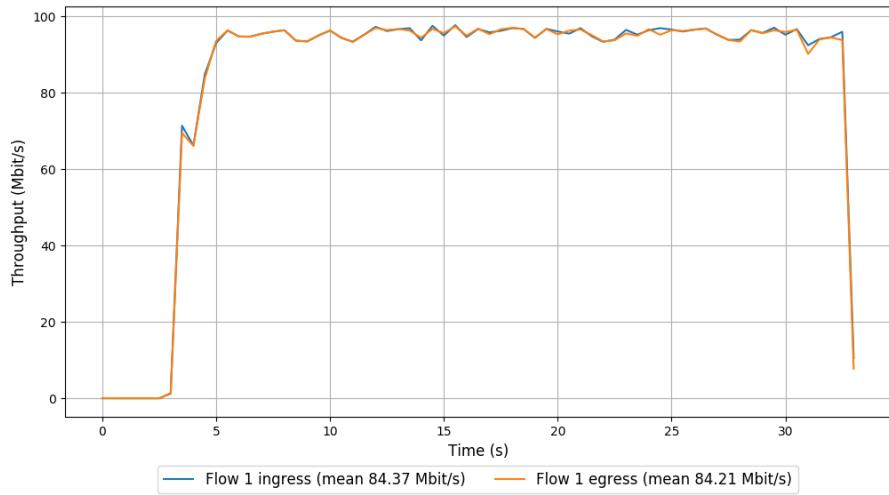


Run 10: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 07:17:06 +0000
End at: Tue, 04 Jul 2017 07:17:36 +0000
Local clock offset: 4.042 ms
Remote clock offset: -17.871 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 12.206 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 12.206 ms
Loss rate: 0.24%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:31:07 +0000
```

```
End at: Tue, 04 Jul 2017 04:31:37 +0000
```

```
Local clock offset: 2.862 ms
```

```
Remote clock offset: -15.672 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.929 ms
```

```
Loss rate: 0.43%
```

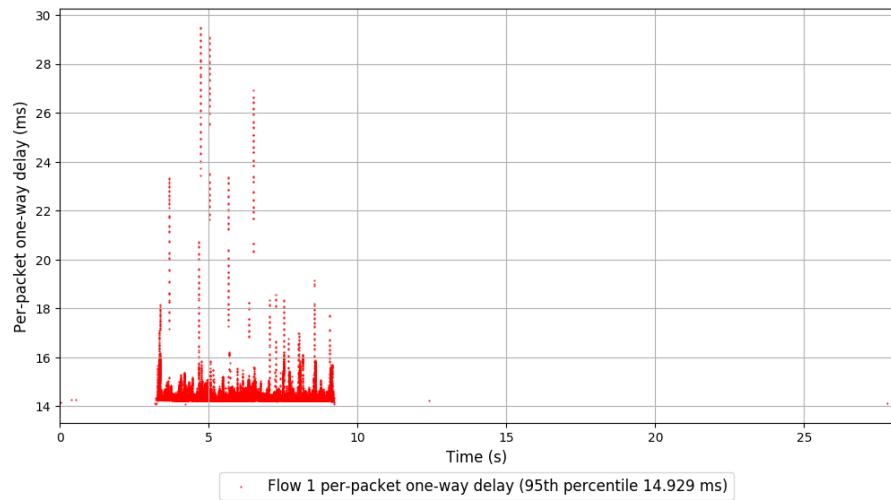
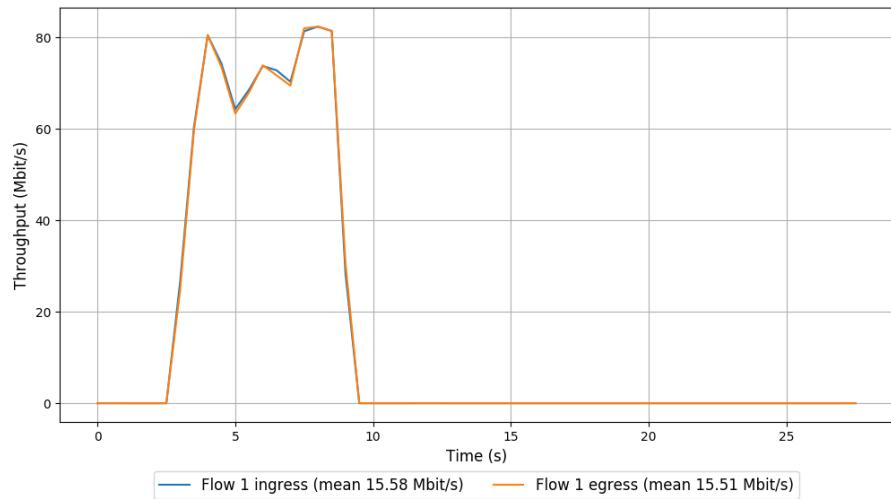
```
-- Flow 1:
```

```
Average throughput: 15.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.929 ms
```

```
Loss rate: 0.43%
```

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

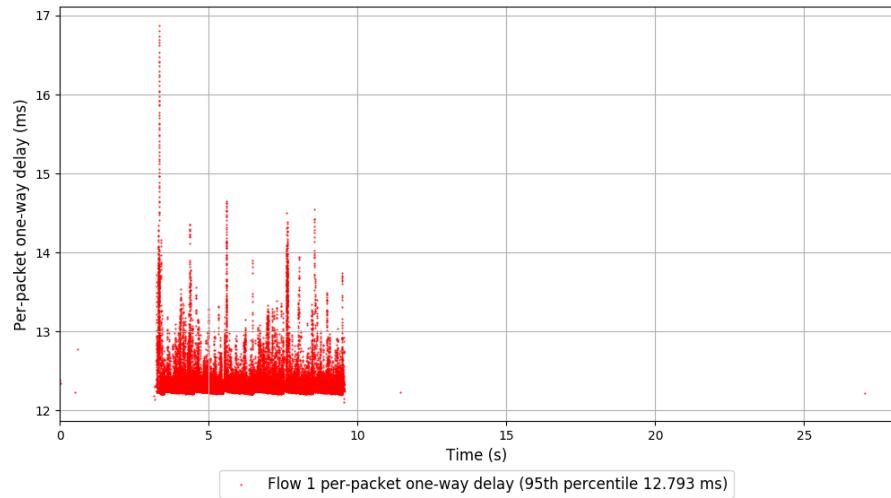
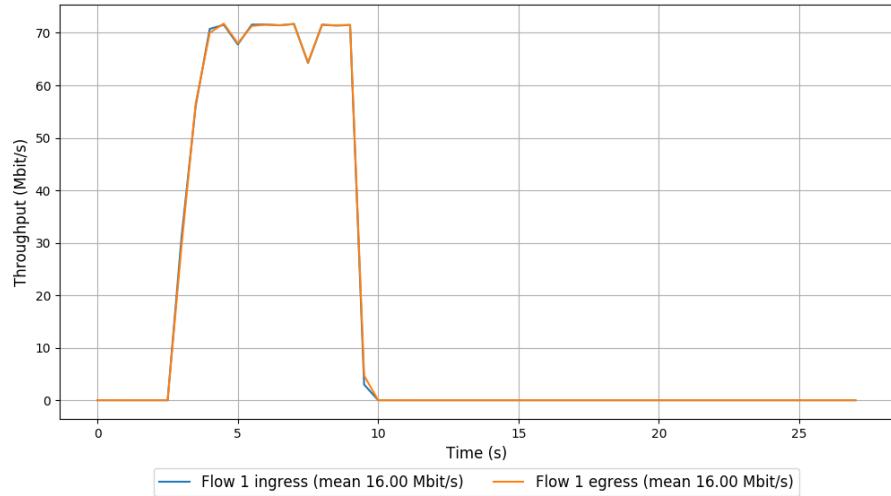


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 04:50:31 +0000
End at: Tue, 04 Jul 2017 04:51:01 +0000
Local clock offset: 2.964 ms
Remote clock offset: -16.072 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 12.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 12.793 ms
Loss rate: 0.00%
```

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

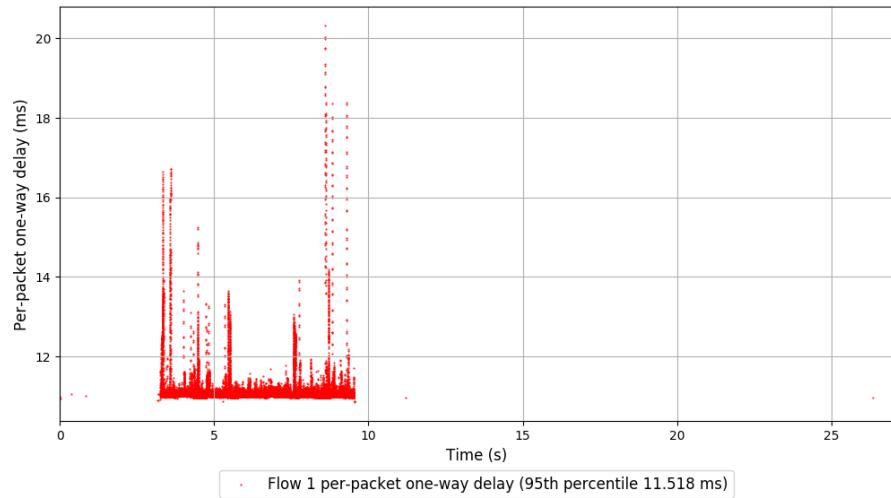
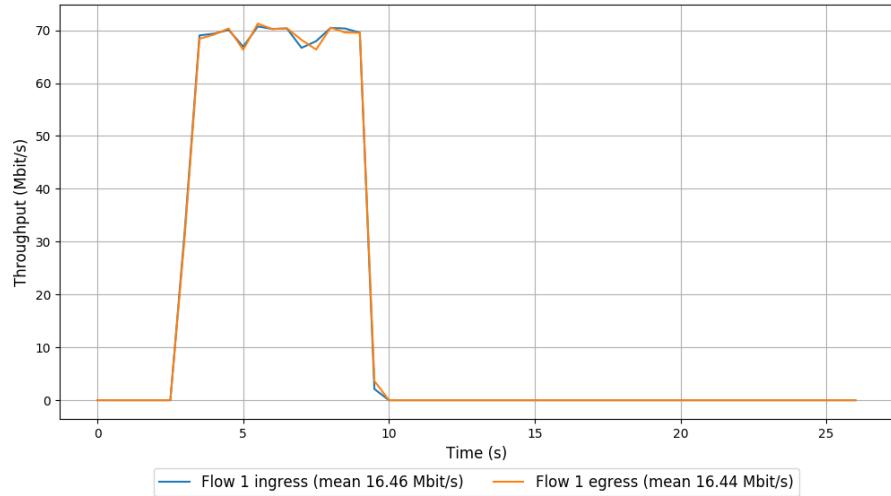


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:08:15 +0000
End at: Tue, 04 Jul 2017 05:08:45 +0000
Local clock offset: 1.424 ms
Remote clock offset: -18.729 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.44 Mbit/s
95th percentile per-packet one-way delay: 11.518 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 16.44 Mbit/s
95th percentile per-packet one-way delay: 11.518 ms
Loss rate: 0.09%
```

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

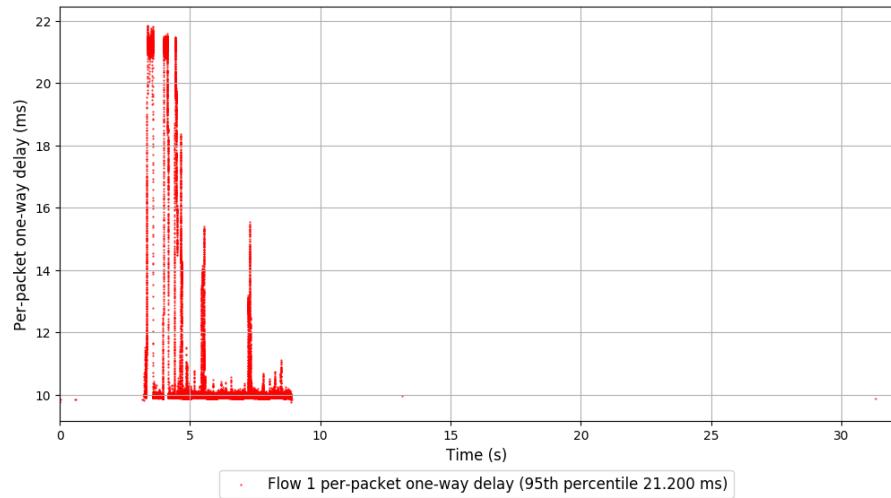
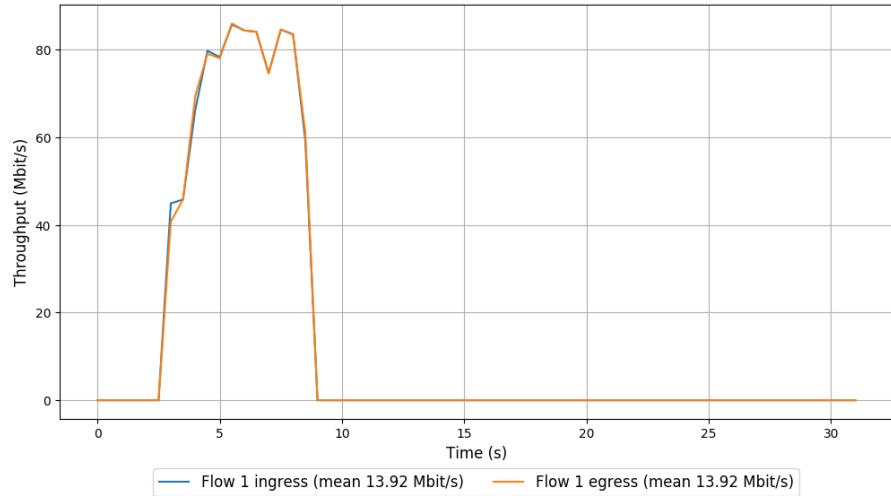


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:26:24 +0000
End at: Tue, 04 Jul 2017 05:26:54 +0000
Local clock offset: 4.584 ms
Remote clock offset: -19.892 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: 21.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: 21.200 ms
Loss rate: 0.00%
```

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

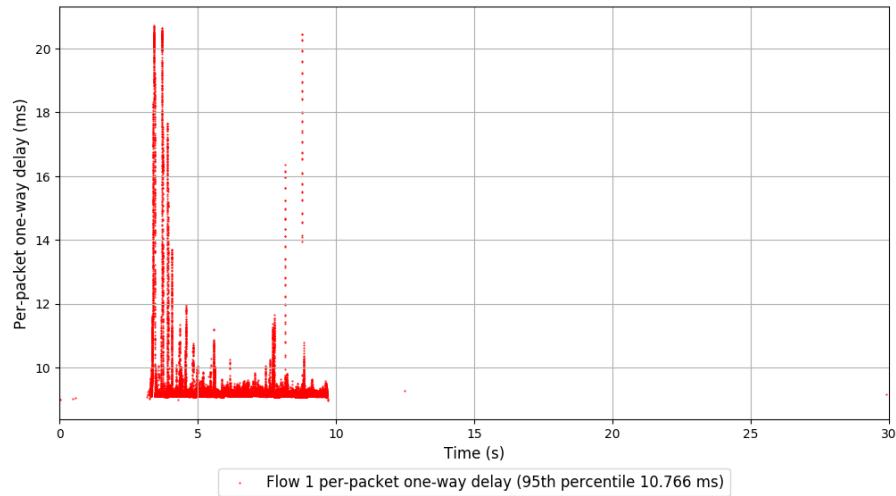
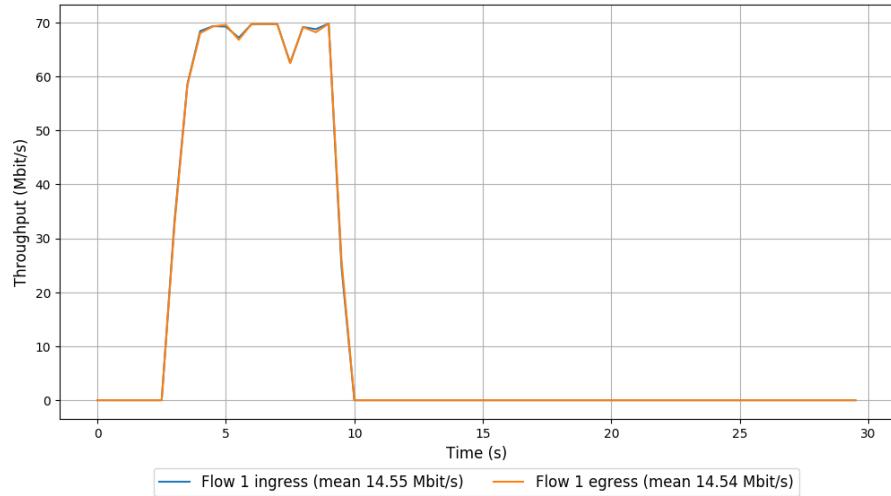


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:44:04 +0000
End at: Tue, 04 Jul 2017 05:44:34 +0000
Local clock offset: 4.205 ms
Remote clock offset: -20.765 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.54 Mbit/s
95th percentile per-packet one-way delay: 10.766 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 14.54 Mbit/s
95th percentile per-packet one-way delay: 10.766 ms
Loss rate: 0.08%
```

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

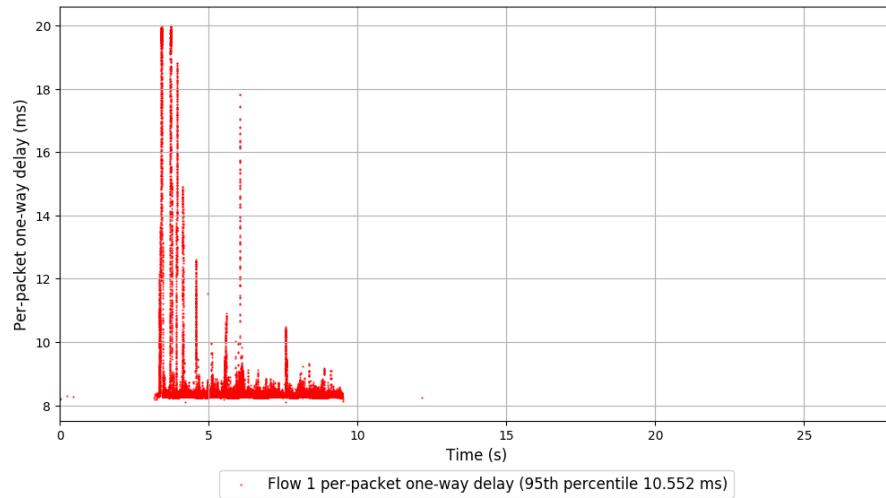
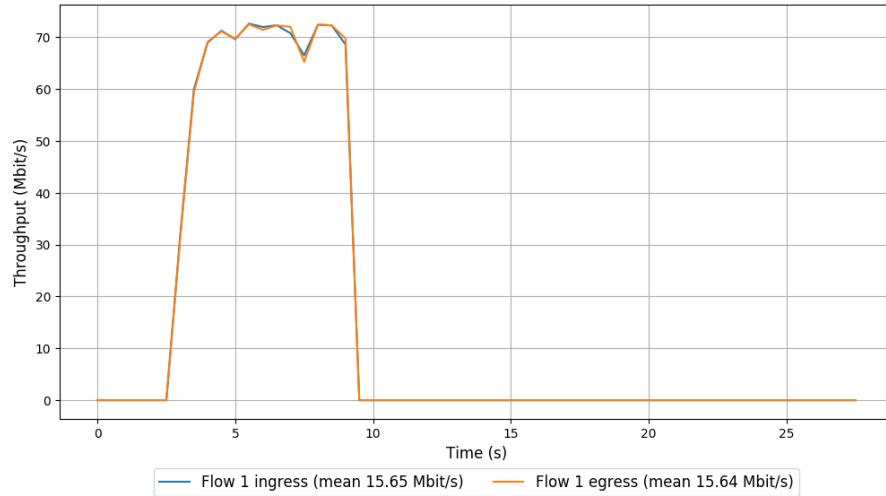


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:01:11 +0000
End at: Tue, 04 Jul 2017 06:01:41 +0000
Local clock offset: 1.358 ms
Remote clock offset: -20.764 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 10.552 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 10.552 ms
Loss rate: 0.06%
```

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

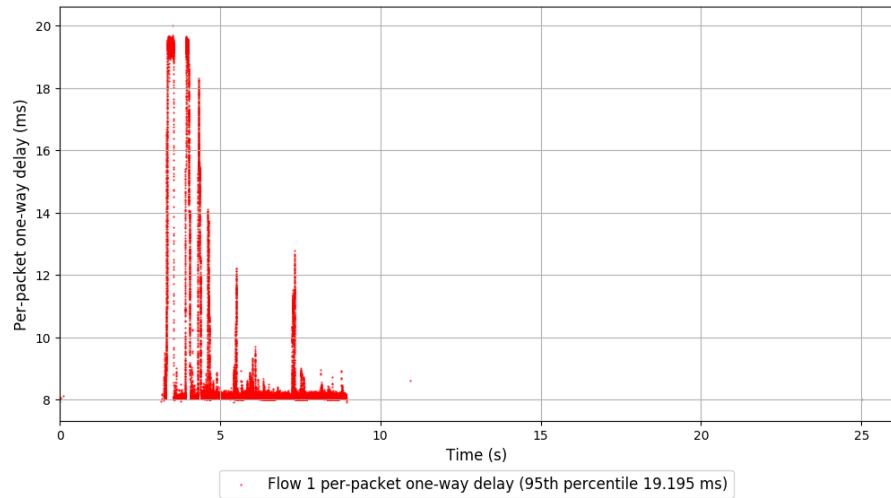
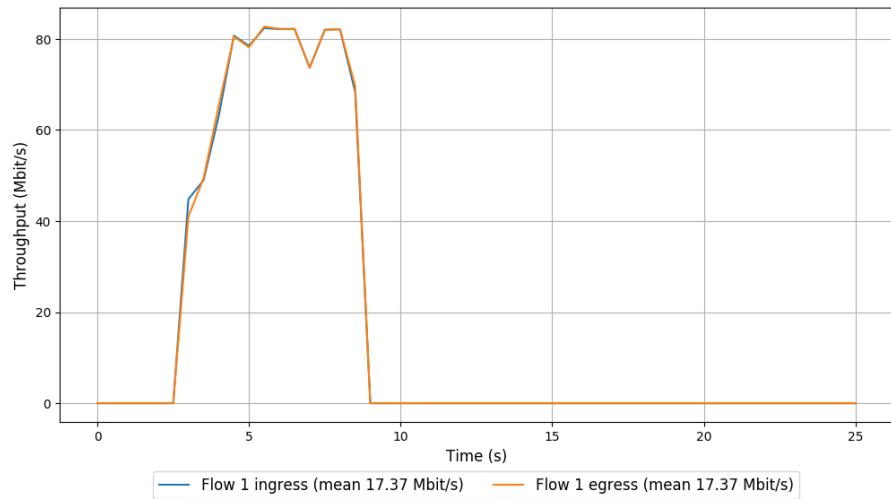


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:18:47 +0000
End at: Tue, 04 Jul 2017 06:19:17 +0000
Local clock offset: 3.77 ms
Remote clock offset: -20.164 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 19.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 19.195 ms
Loss rate: 0.00%
```

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

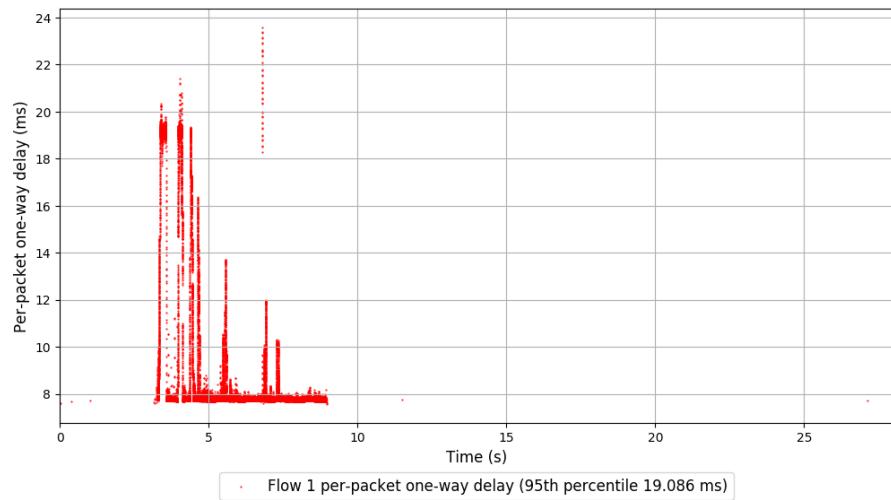
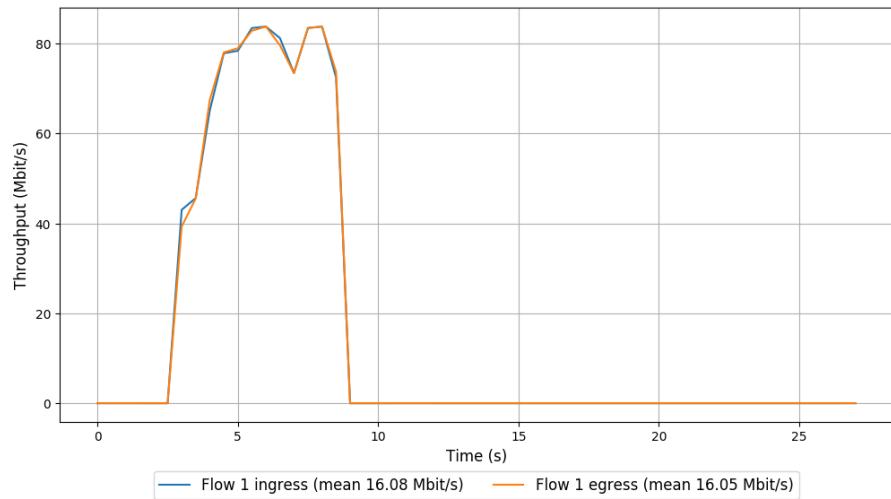


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:36:11 +0000
End at: Tue, 04 Jul 2017 06:36:41 +0000
Local clock offset: 1.55 ms
Remote clock offset: -22.096 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 19.086 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 19.086 ms
Loss rate: 0.18%
```

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

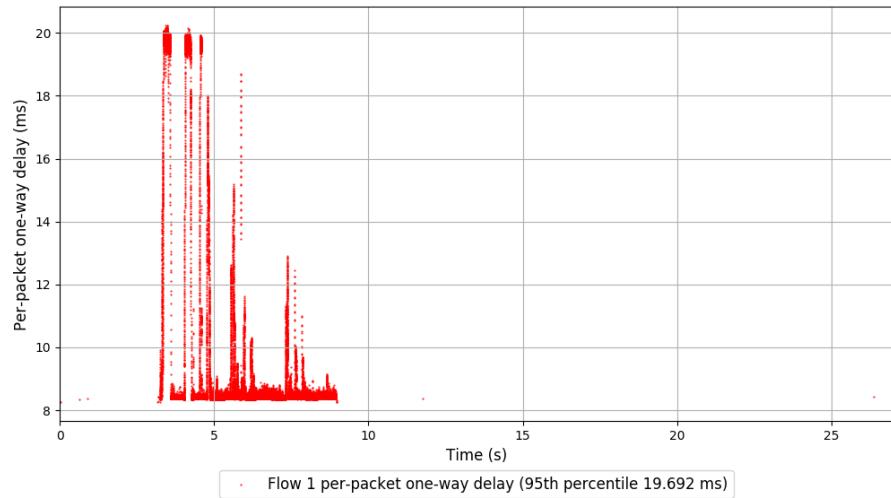
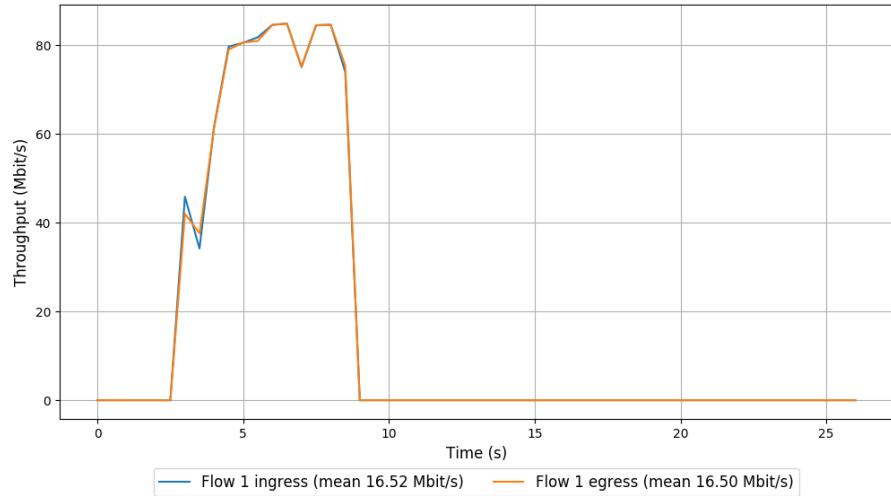


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:53:49 +0000
End at: Tue, 04 Jul 2017 06:54:19 +0000
Local clock offset: 3.002 ms
Remote clock offset: -20.689 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.50 Mbit/s
95th percentile per-packet one-way delay: 19.692 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 16.50 Mbit/s
95th percentile per-packet one-way delay: 19.692 ms
Loss rate: 0.09%
```

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



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

```
Start at: Tue, 04 Jul 2017 07:11:34 +0000
```

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

```
Local clock offset: 1.079 ms
```

```
Remote clock offset: -19.009 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:58 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 11.515 ms
```

```
Loss rate: 0.00%
```

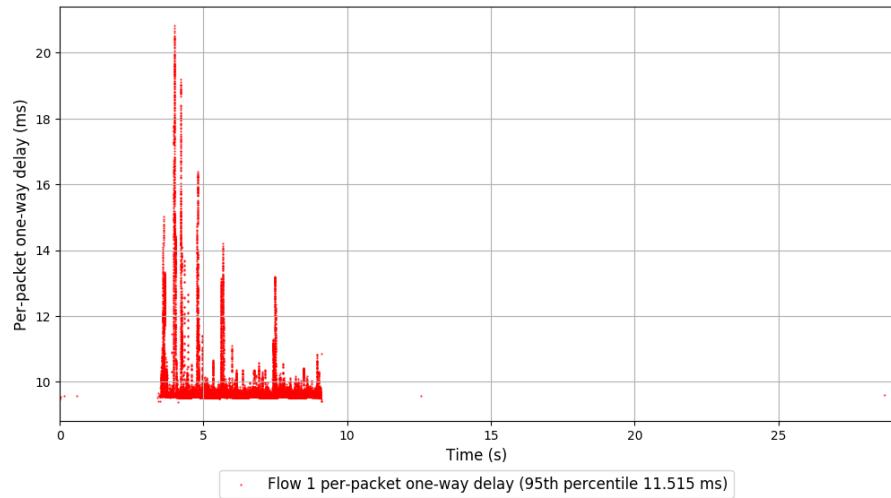
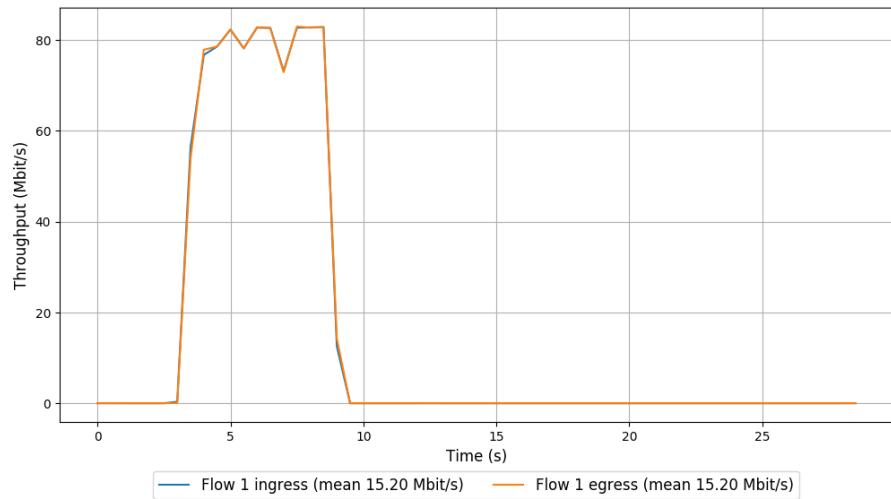
```
-- Flow 1:
```

```
Average throughput: 15.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 11.515 ms
```

```
Loss rate: 0.00%
```

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



Run 1: Statistics of Saturator

Start at: Tue, 04 Jul 2017 04:43:31 +0000

End at: Tue, 04 Jul 2017 04:44:01 +0000

Local clock offset: 3.614 ms

Remote clock offset: -17.06 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:43:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 15.391 ms

Loss rate: 0.20%

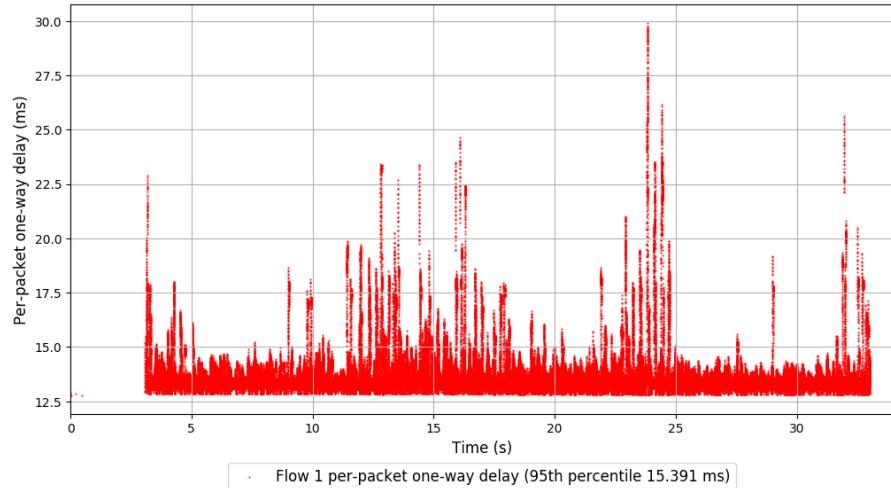
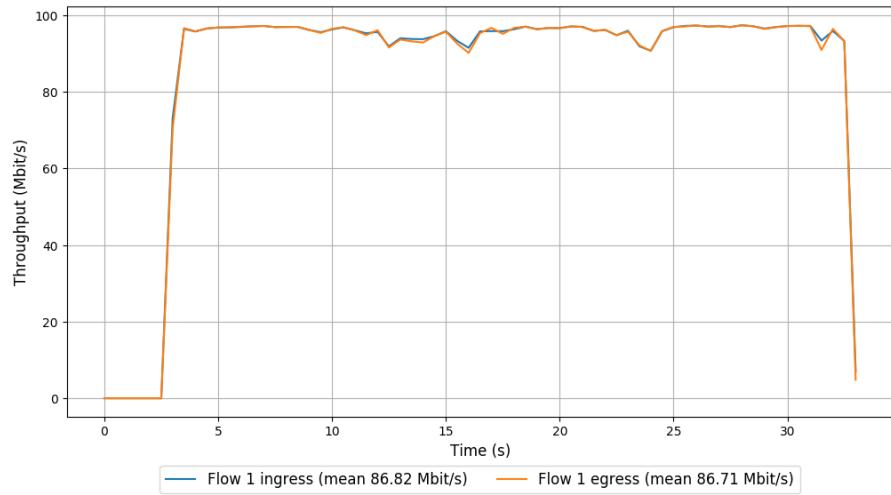
-- Flow 1:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 15.391 ms

Loss rate: 0.20%

Run 1: Report of Saturator — Data Link

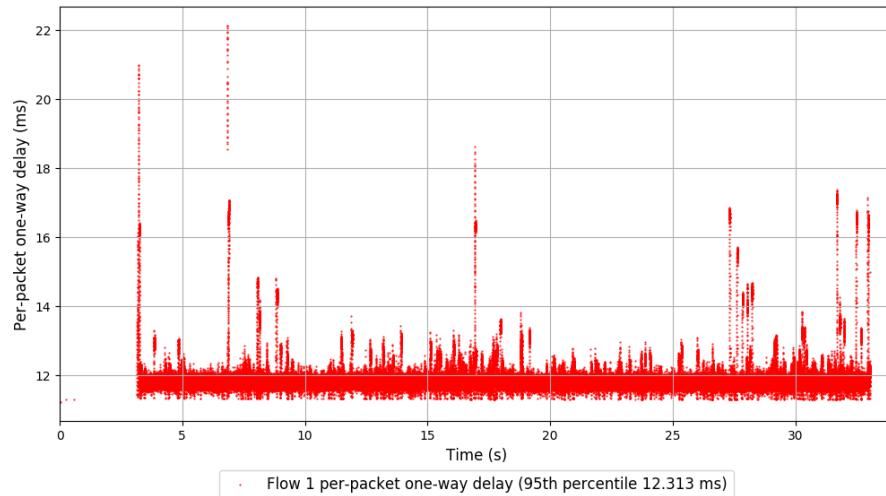
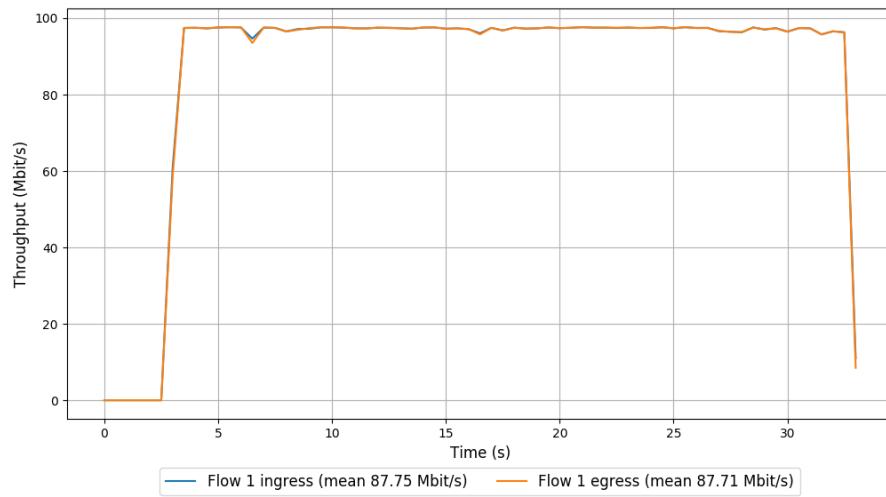


Run 2: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:02:16 +0000
End at: Tue, 04 Jul 2017 05:02:46 +0000
Local clock offset: 4.547 ms
Remote clock offset: -18.73 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 12.313 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 12.313 ms
Loss rate: 0.11%
```

Run 2: Report of Saturator — Data Link

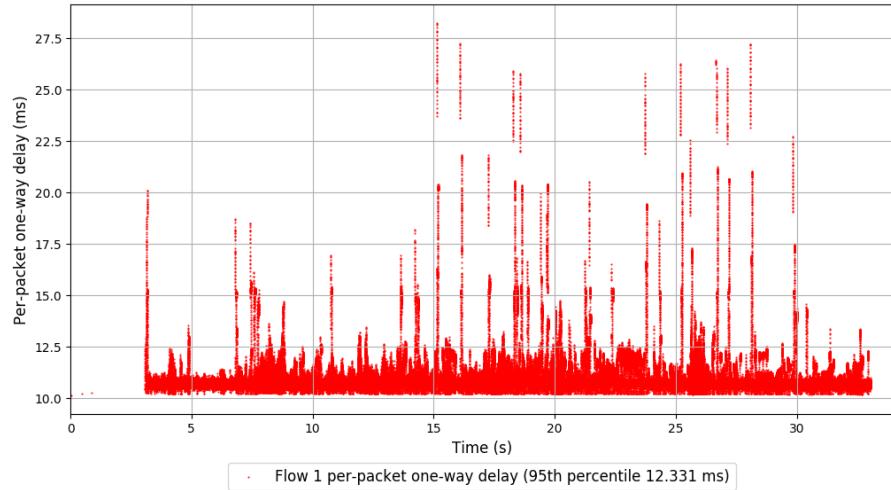
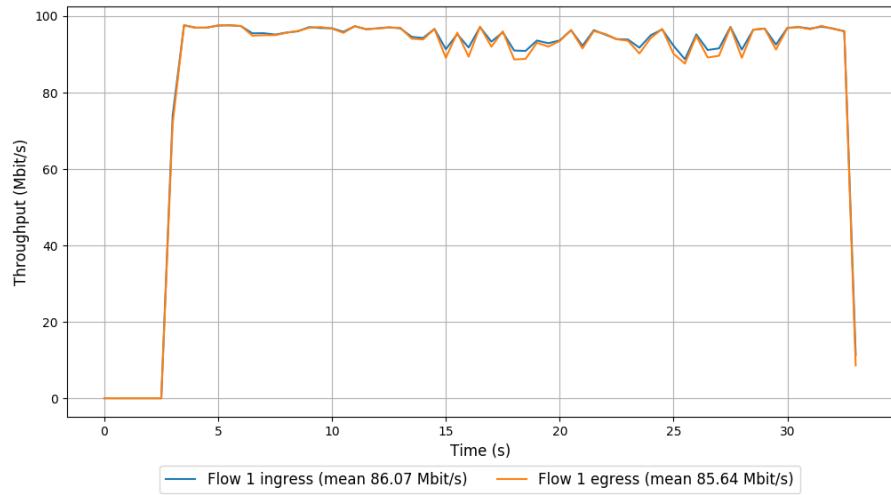


Run 3: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:19:56 +0000
End at: Tue, 04 Jul 2017 05:20:26 +0000
Local clock offset: 2.593 ms
Remote clock offset: -17.668 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.64 Mbit/s
95th percentile per-packet one-way delay: 12.331 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 85.64 Mbit/s
95th percentile per-packet one-way delay: 12.331 ms
Loss rate: 0.57%
```

Run 3: Report of Saturator — Data Link

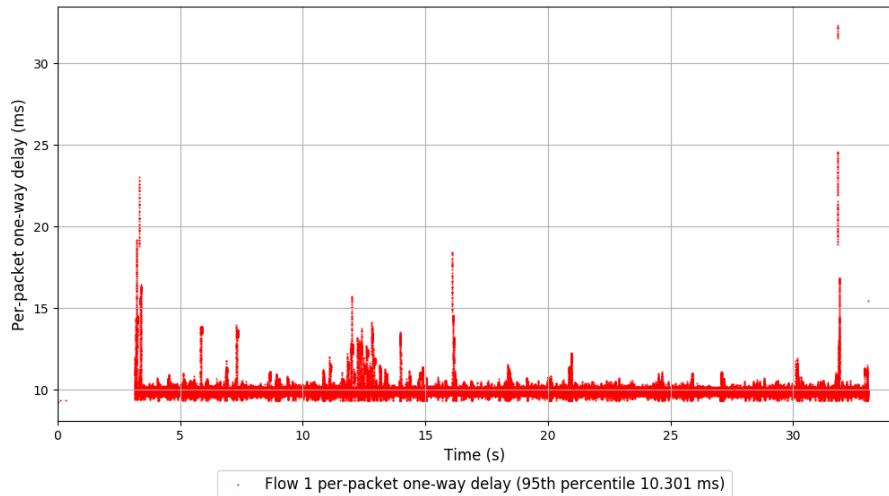
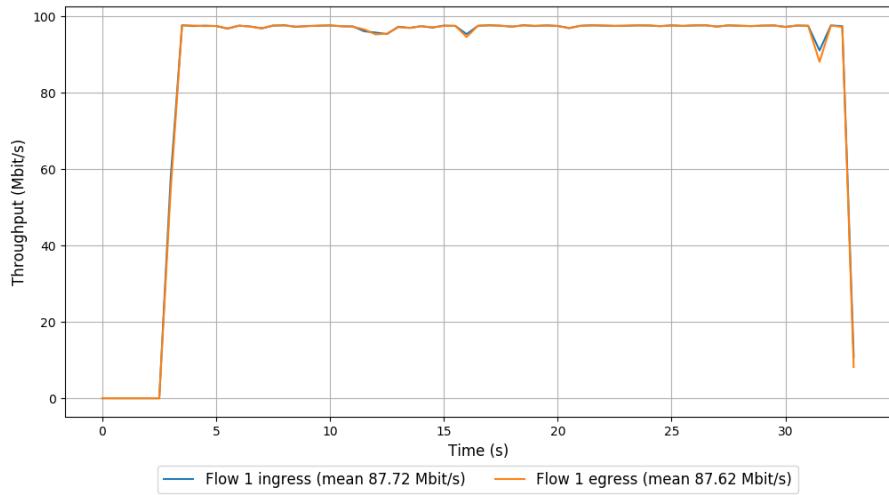


Run 4: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:38:05 +0000
End at: Tue, 04 Jul 2017 05:38:35 +0000
Local clock offset: -0.514 ms
Remote clock offset: -25.767 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 10.301 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 10.301 ms
Loss rate: 0.17%
```

Run 4: Report of Saturator — Data Link

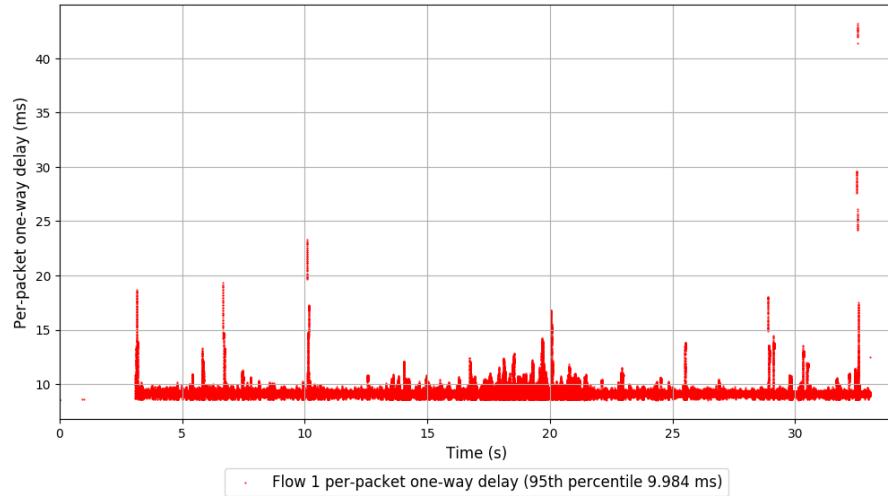
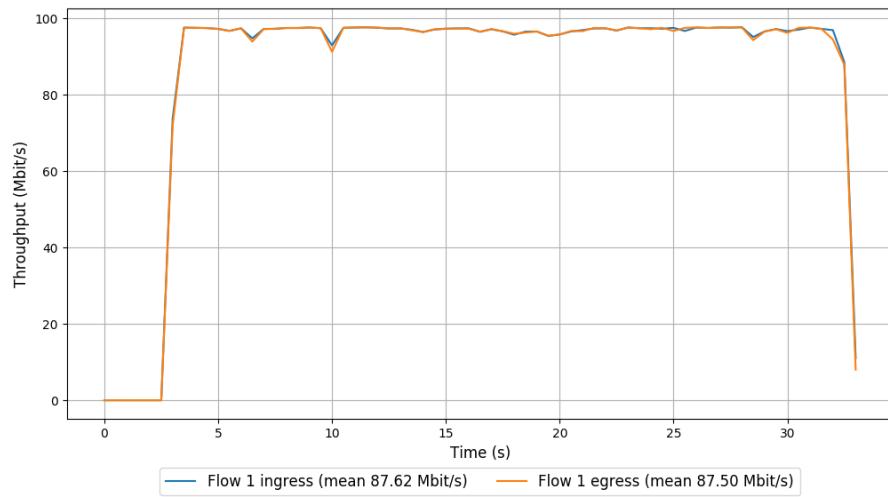


Run 5: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:55:26 +0000
End at: Tue, 04 Jul 2017 05:55:56 +0000
Local clock offset: 4.184 ms
Remote clock offset: -20.423 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 9.984 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 9.984 ms
Loss rate: 0.20%
```

Run 5: Report of Saturator — Data Link

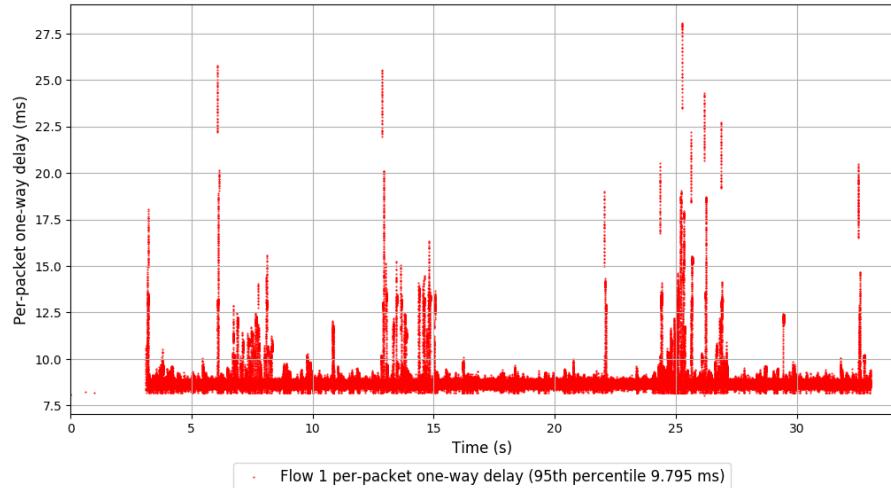
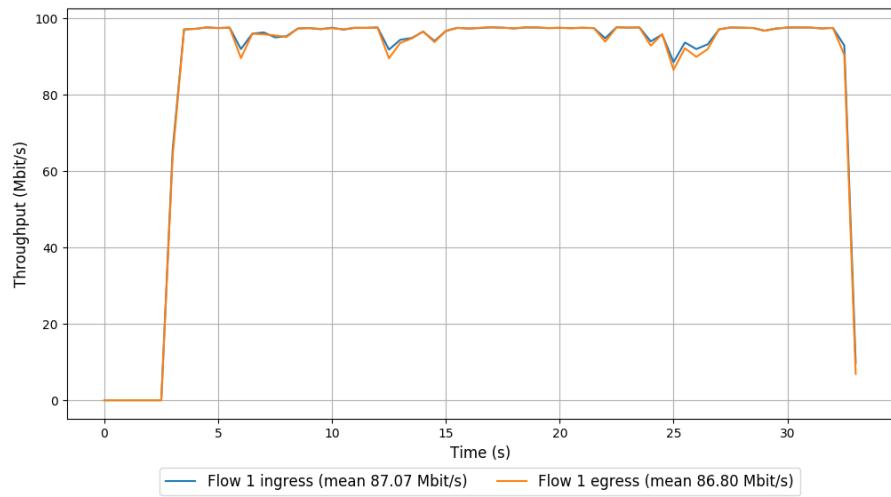


Run 6: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:12:50 +0000
End at: Tue, 04 Jul 2017 06:13:20 +0000
Local clock offset: 5.059 ms
Remote clock offset: -21.133 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 9.795 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 9.795 ms
Loss rate: 0.38%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 04 Jul 2017 06:30:17 +0000

End at: Tue, 04 Jul 2017 06:30:47 +0000

Local clock offset: 3.575 ms

Remote clock offset: -19.046 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:43:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.12 Mbit/s

95th percentile per-packet one-way delay: 10.061 ms

Loss rate: 0.38%

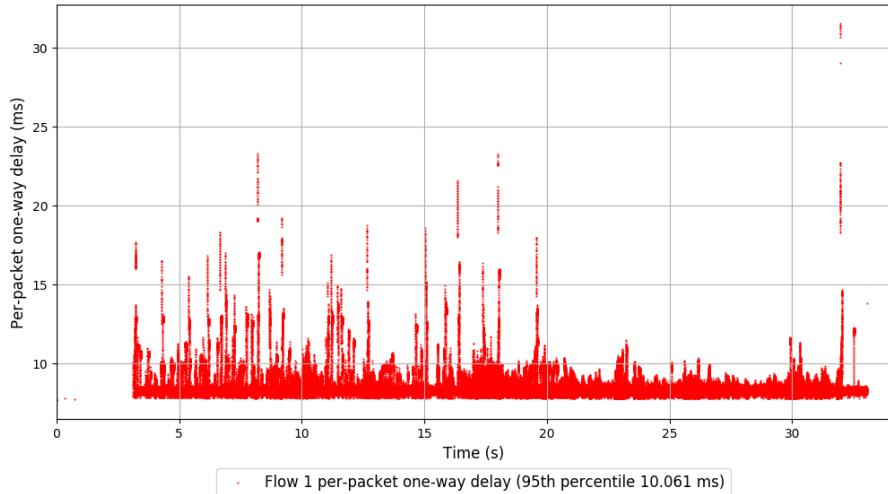
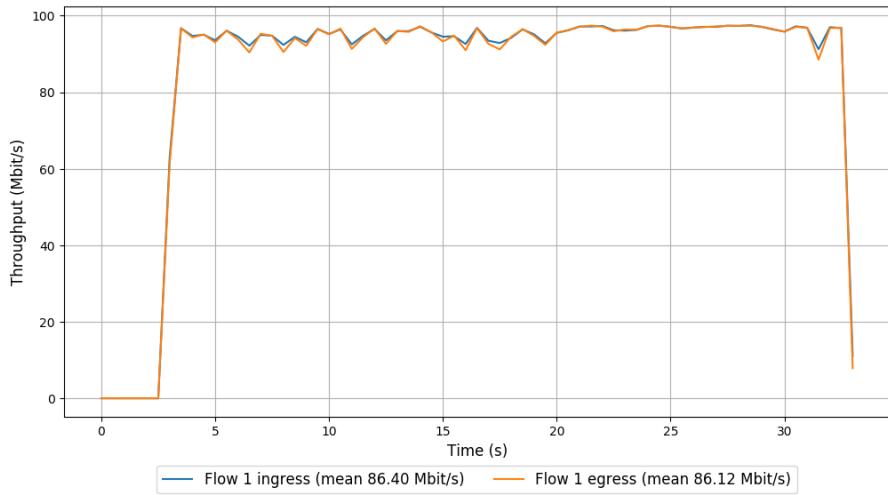
-- Flow 1:

Average throughput: 86.12 Mbit/s

95th percentile per-packet one-way delay: 10.061 ms

Loss rate: 0.38%

Run 7: Report of Saturator — Data Link

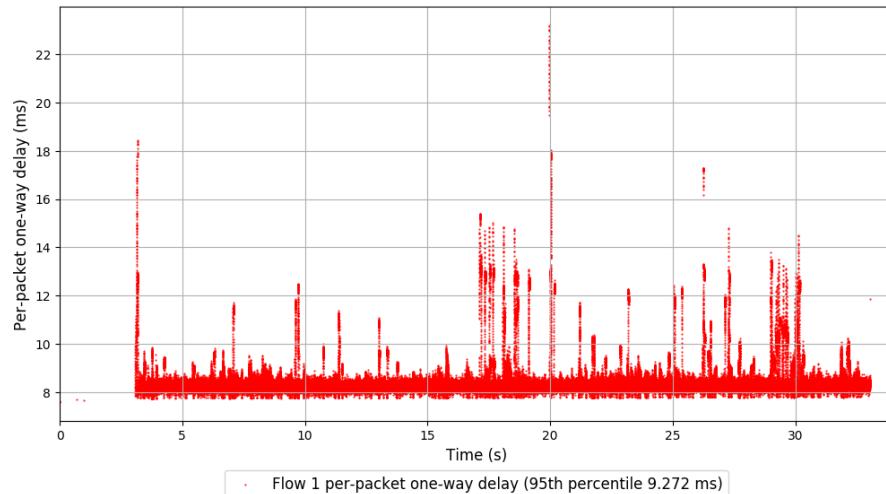
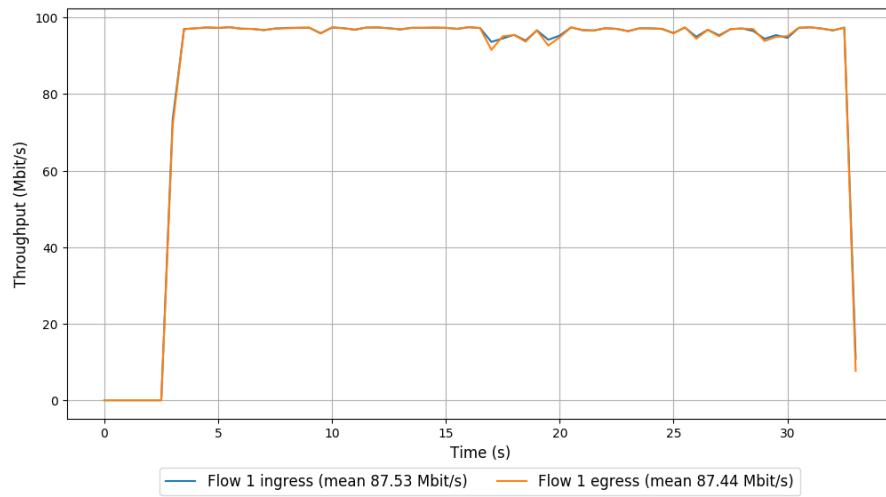


Run 8: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:47:46 +0000
End at: Tue, 04 Jul 2017 06:48:16 +0000
Local clock offset: 1.669 ms
Remote clock offset: -20.977 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:43:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 9.272 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 9.272 ms
Loss rate: 0.16%
```

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 04 Jul 2017 07:05:33 +0000

End at: Tue, 04 Jul 2017 07:06:03 +0000

Local clock offset: 4.448 ms

Remote clock offset: -19.343 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:44:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.41 Mbit/s

95th percentile per-packet one-way delay: 10.079 ms

Loss rate: 0.23%

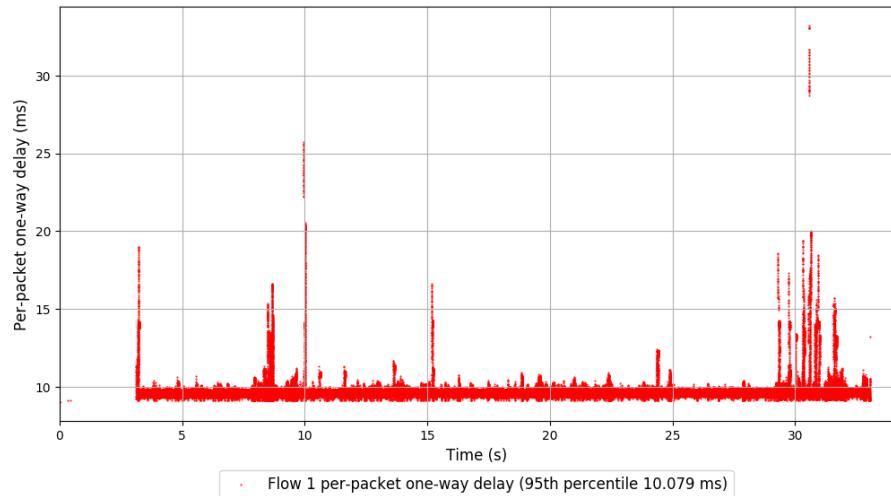
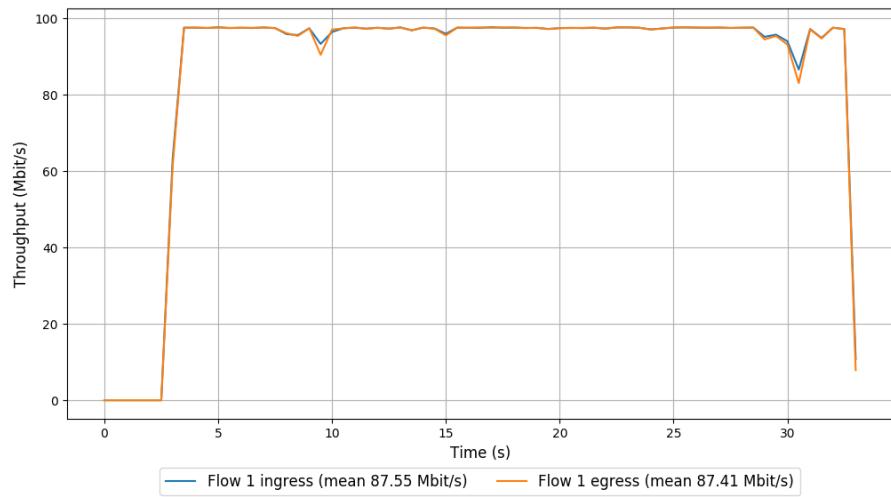
-- Flow 1:

Average throughput: 87.41 Mbit/s

95th percentile per-packet one-way delay: 10.079 ms

Loss rate: 0.23%

Run 9: Report of Saturator — Data Link

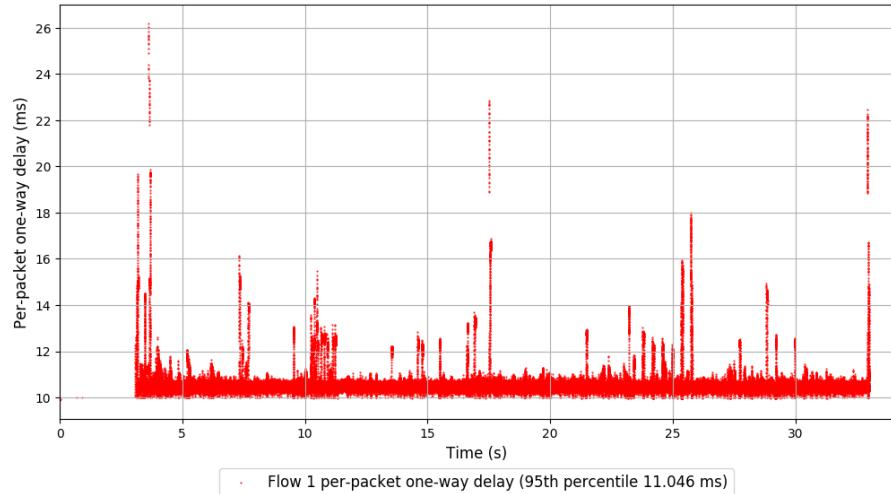
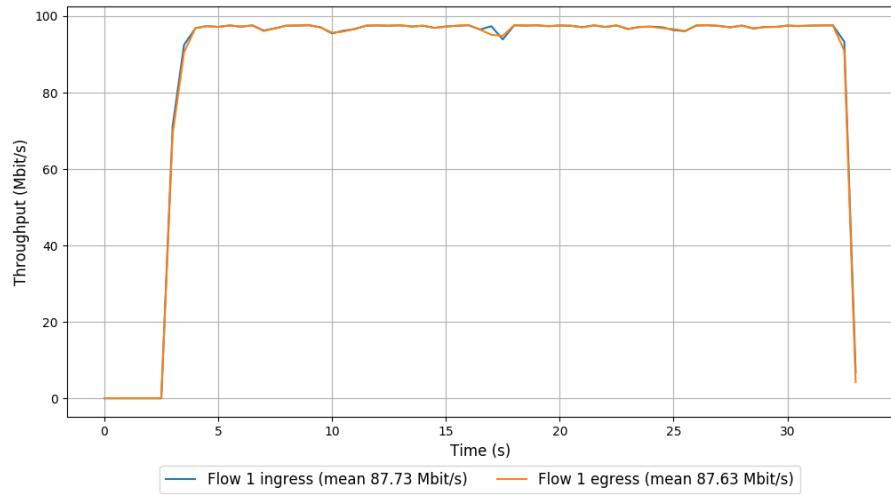


Run 10: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 07:23:06 +0000
End at: Tue, 04 Jul 2017 07:23:36 +0000
Local clock offset: 2.208 ms
Remote clock offset: -18.767 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 11.046 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 11.046 ms
Loss rate: 0.18%
```

Run 10: Report of Saturator — Data Link

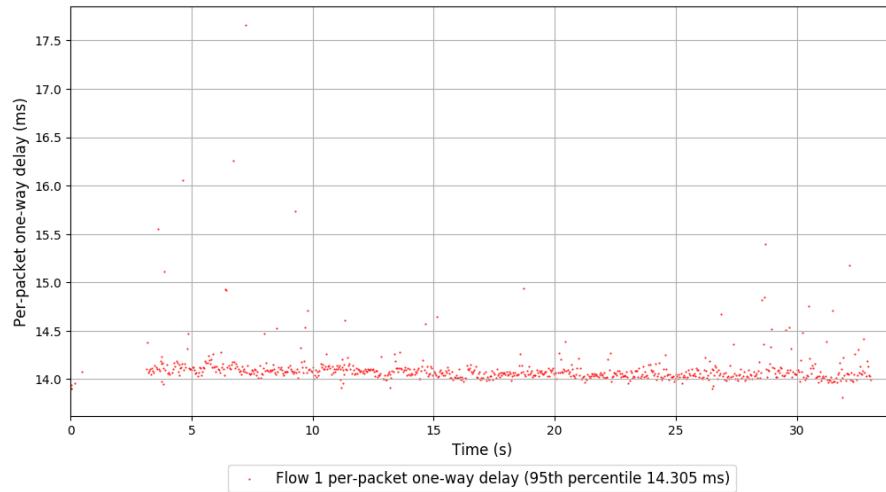
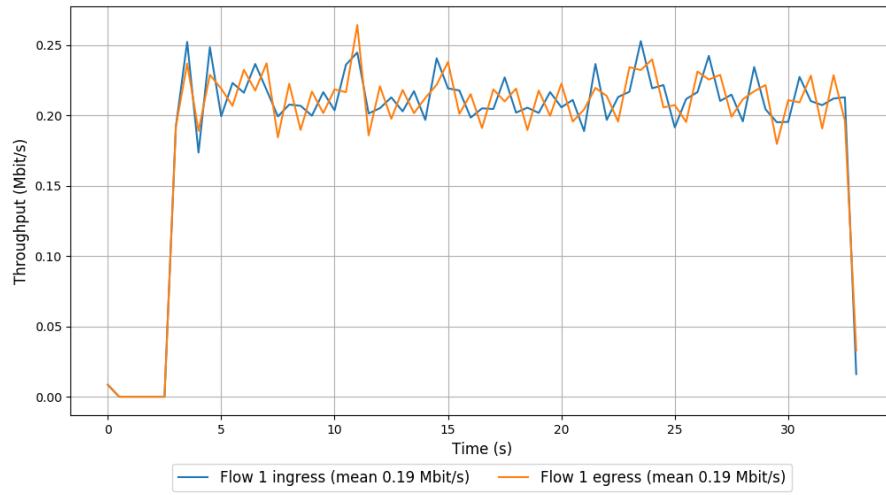


Run 1: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:33:31 +0000
End at: Tue, 04 Jul 2017 04:34:01 +0000
Local clock offset: 4.045 ms
Remote clock offset: -14.554 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 14.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 14.305 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

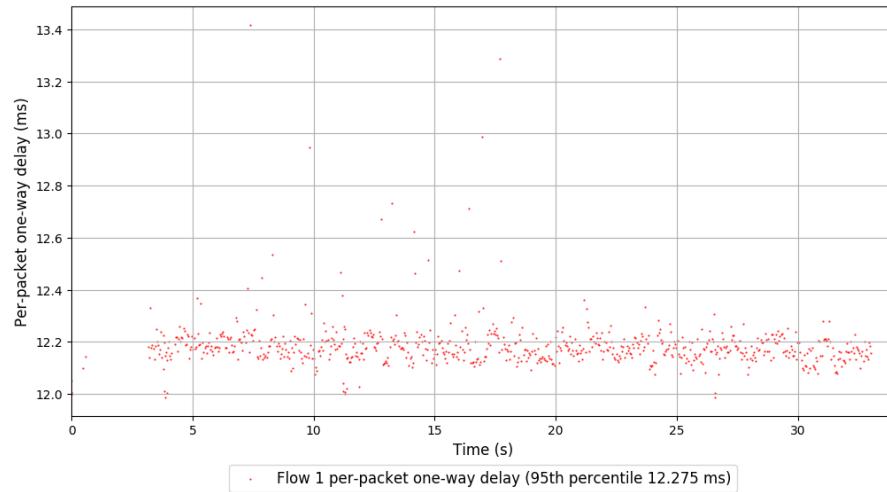
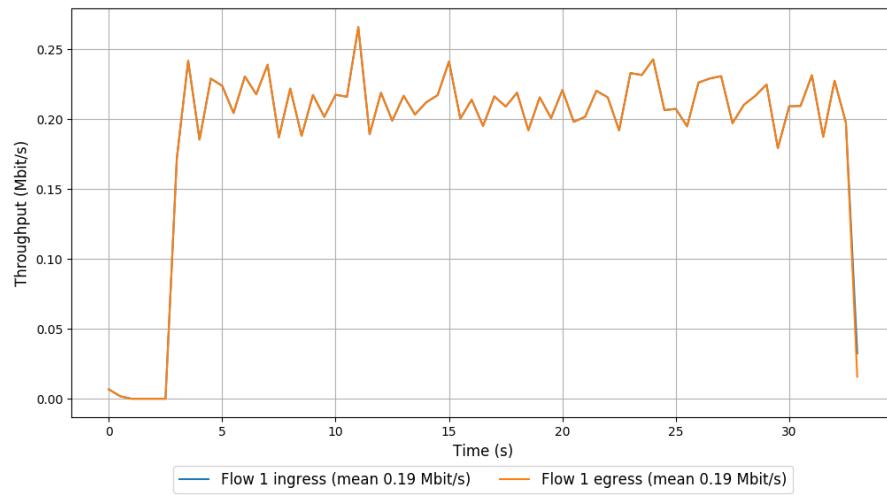


Run 2: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:52:52 +0000
End at: Tue, 04 Jul 2017 04:53:22 +0000
Local clock offset: 4.001 ms
Remote clock offset: -16.04 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.275 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.275 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

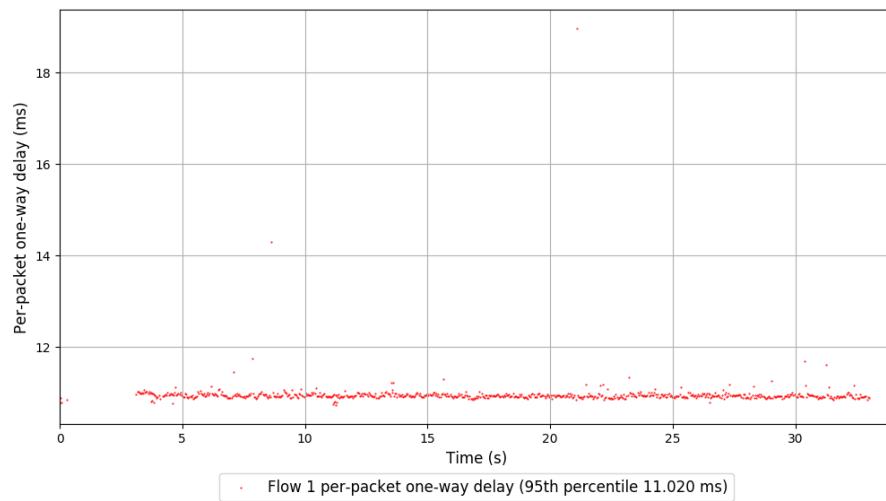
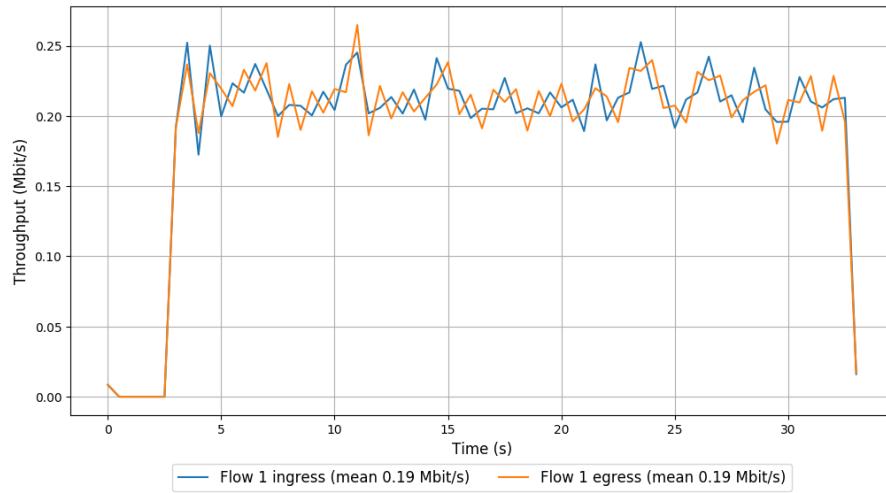


Run 3: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:10:34 +0000
End at: Tue, 04 Jul 2017 05:11:04 +0000
Local clock offset: 3.622 ms
Remote clock offset: -16.819 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.020 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.020 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

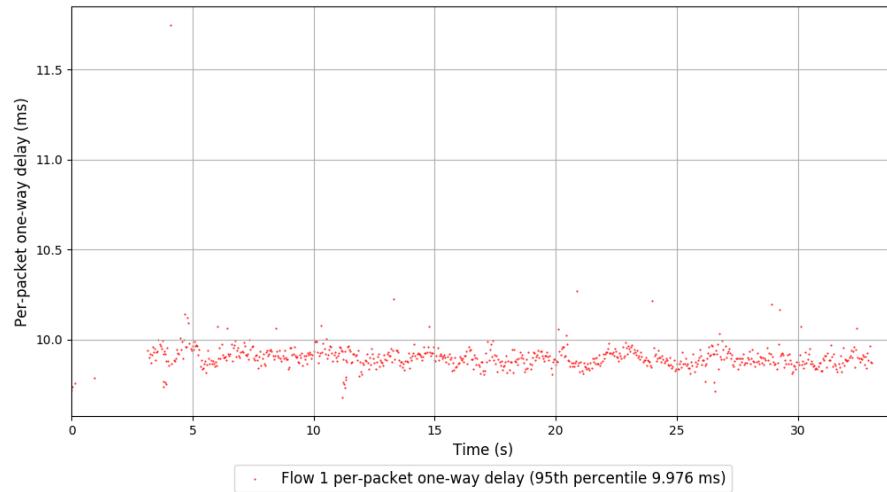
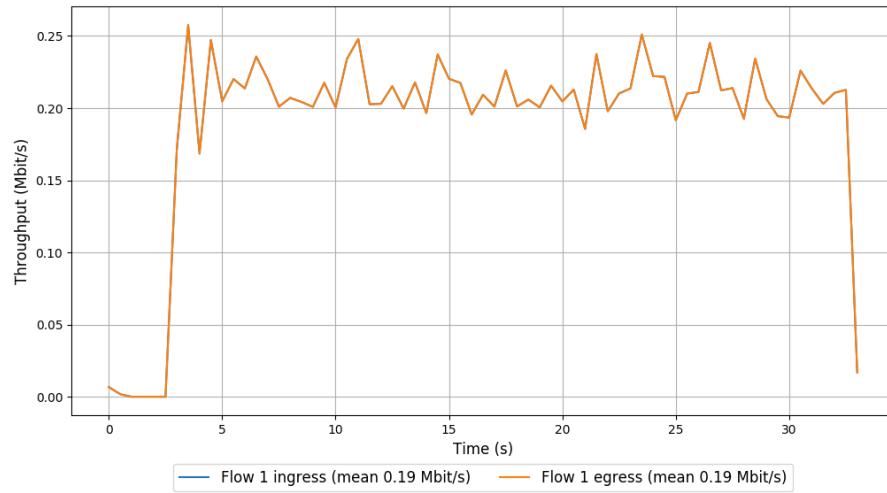


Run 4: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:28:42 +0000
End at: Tue, 04 Jul 2017 05:29:12 +0000
Local clock offset: 3.601 ms
Remote clock offset: -19.74 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.976 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

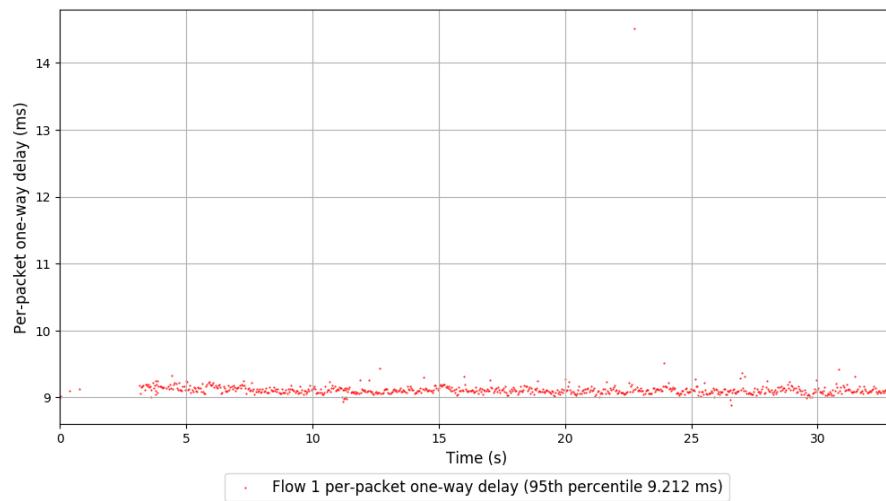
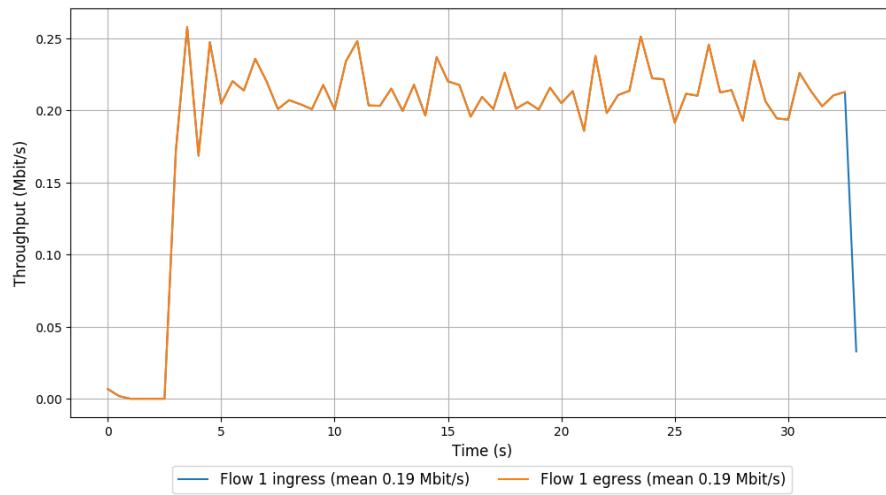


Run 5: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:46:15 +0000
End at: Tue, 04 Jul 2017 05:46:45 +0000
Local clock offset: 1.875 ms
Remote clock offset: -19.503 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.212 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.212 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

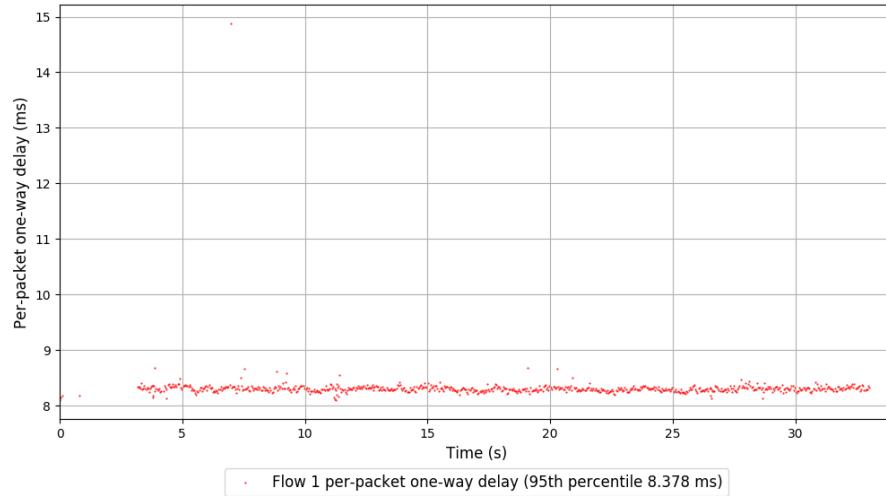
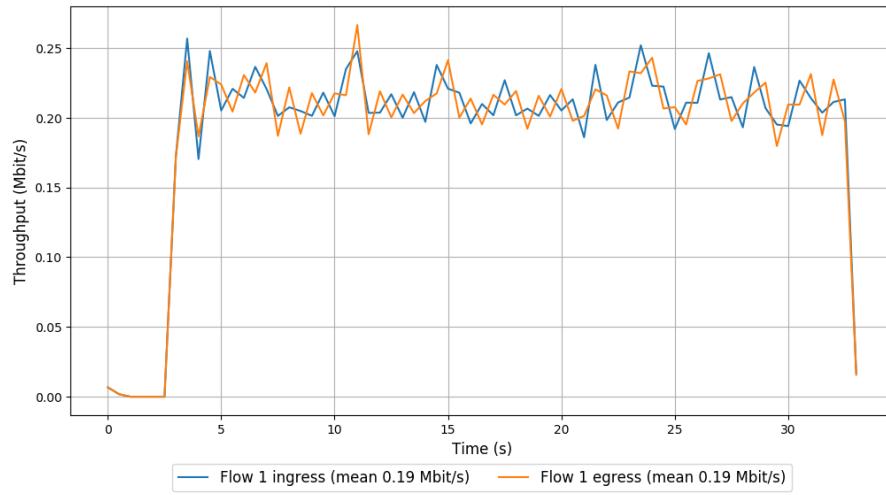


Run 6: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:03:26 +0000
End at: Tue, 04 Jul 2017 06:03:56 +0000
Local clock offset: 3.521 ms
Remote clock offset: -19.756 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

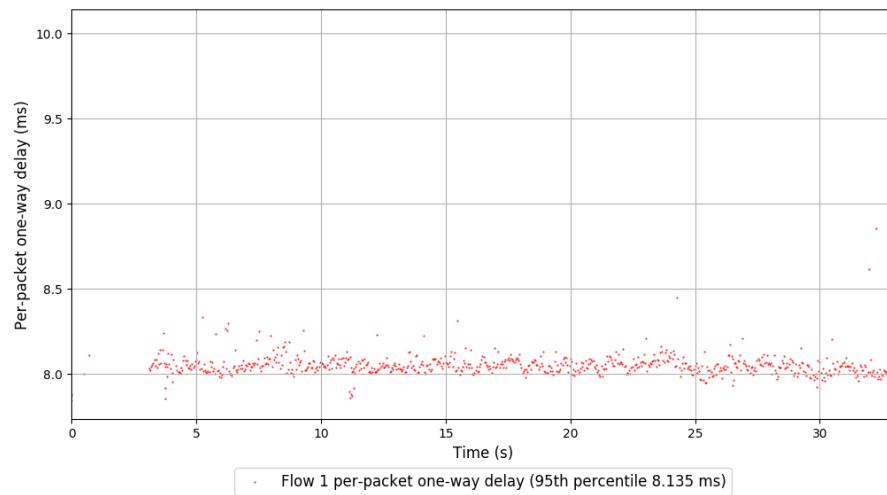
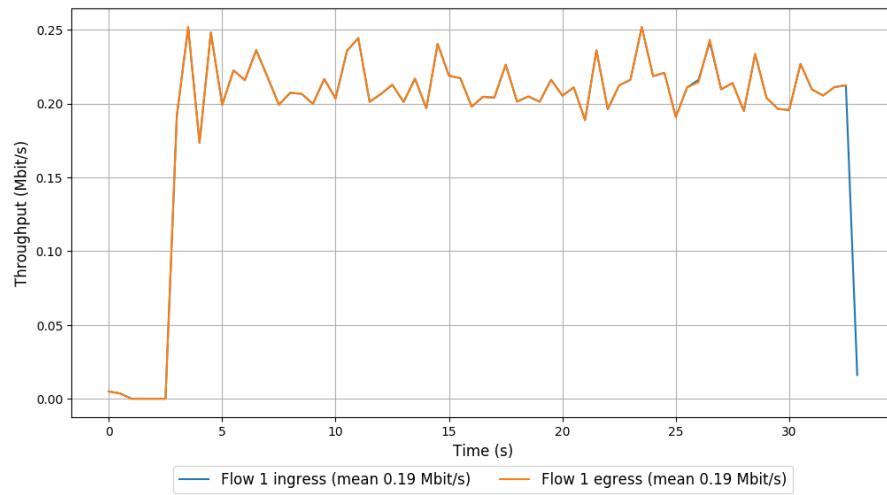


Run 7: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:20:56 +0000
End at: Tue, 04 Jul 2017 06:21:26 +0000
Local clock offset: 1.802 ms
Remote clock offset: -19.3 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.135 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.135 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

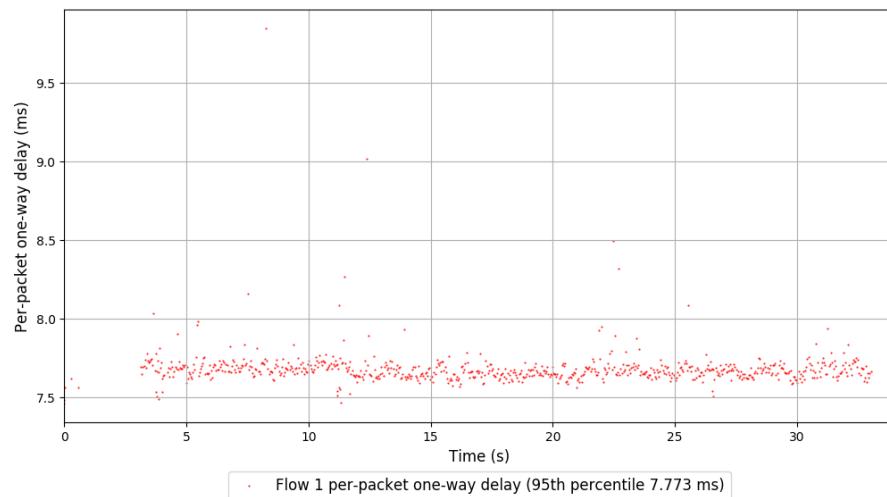
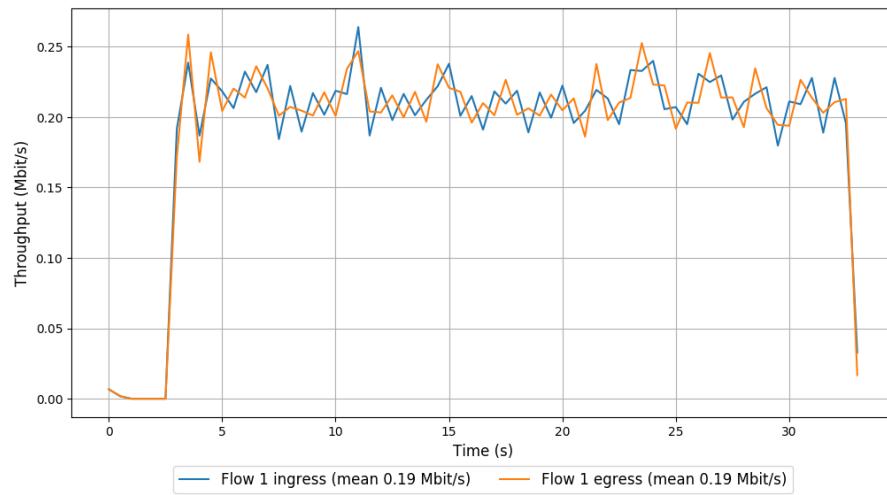


Run 8: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:38:26 +0000
End at: Tue, 04 Jul 2017 06:38:56 +0000
Local clock offset: 5.237 ms
Remote clock offset: -20.501 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 7.773 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 7.773 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

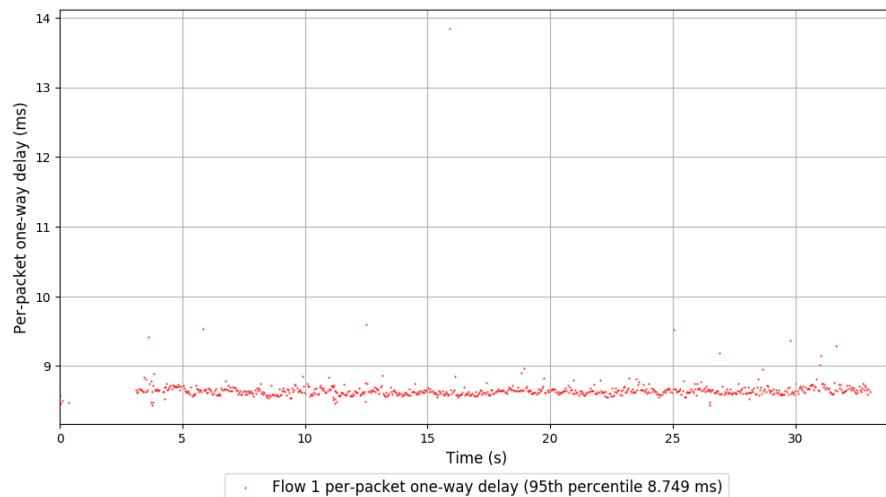
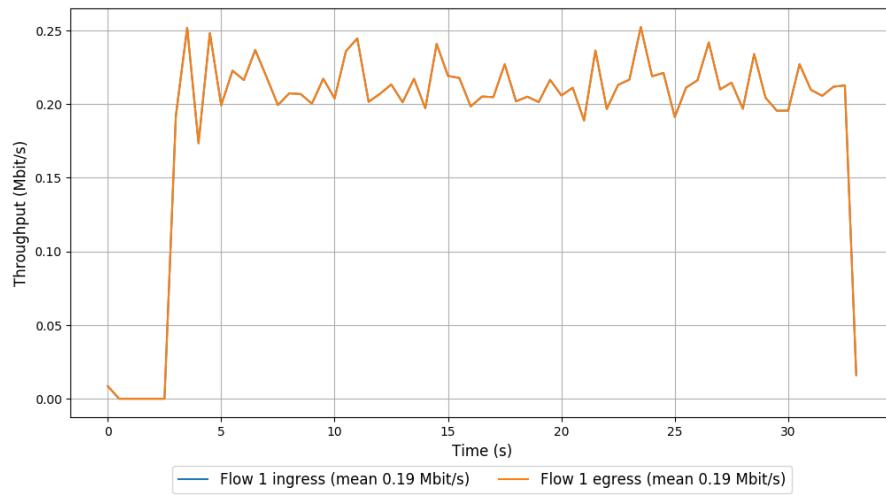


Run 9: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:56:07 +0000
End at: Tue, 04 Jul 2017 06:56:37 +0000
Local clock offset: 1.553 ms
Remote clock offset: -20.615 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.749 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link



```
Run 10: Statistics of SCReAM
```

```
Start at: Tue, 04 Jul 2017 07:13:44 +0000
```

```
End at: Tue, 04 Jul 2017 07:14:14 +0000
```

```
Local clock offset: 2.785 ms
```

```
Remote clock offset: -18.677 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.864 ms
```

```
Loss rate: 0.00%
```

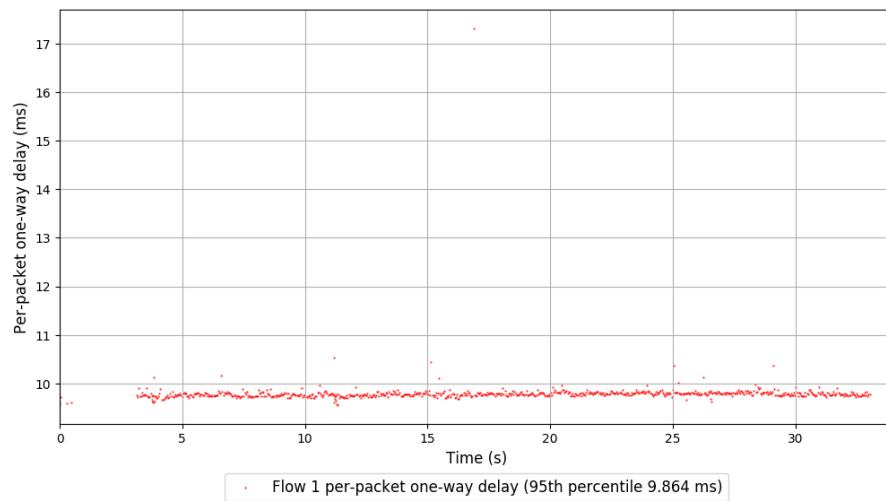
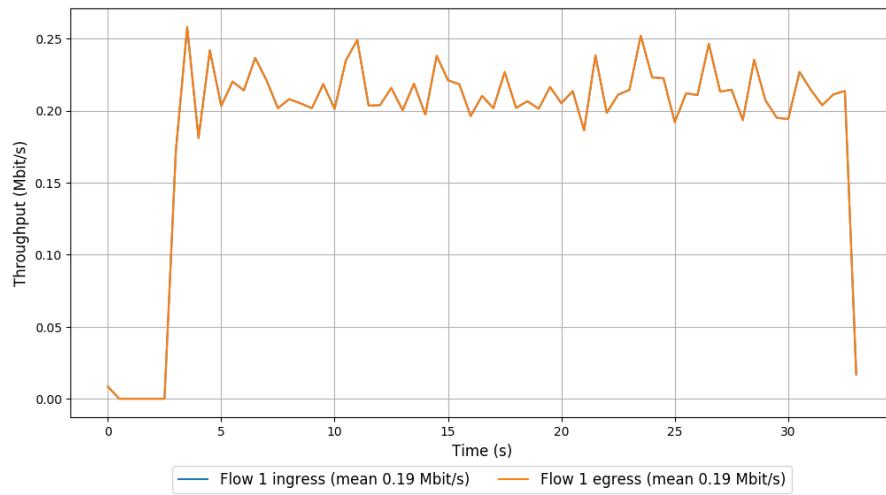
```
-- Flow 1:
```

```
Average throughput: 0.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.864 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

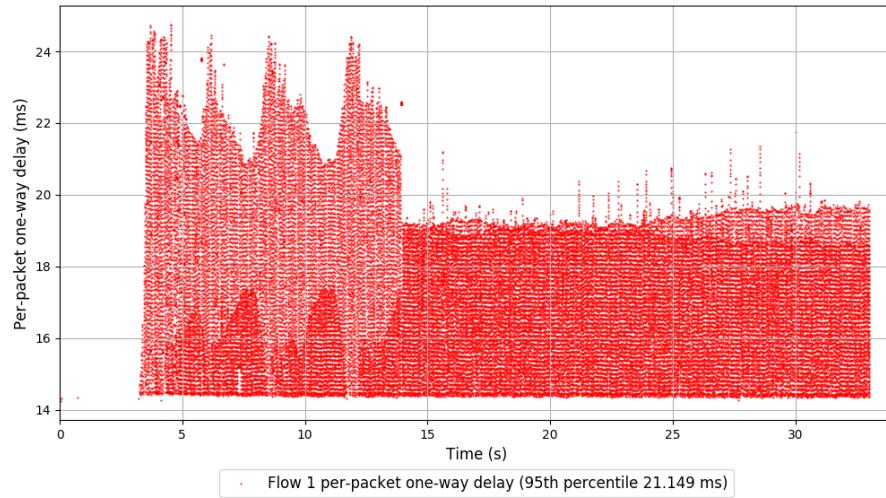
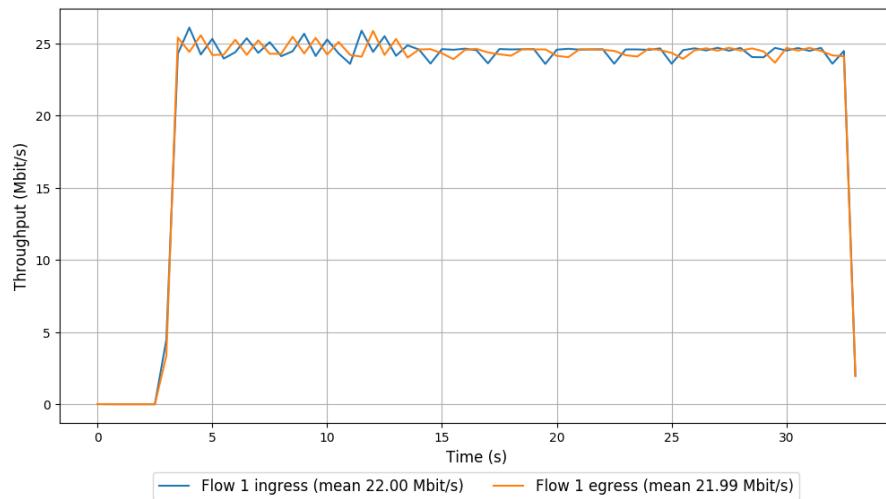


Run 1: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:30:00 +0000
End at: Tue, 04 Jul 2017 04:30:30 +0000
Local clock offset: 4.397 ms
Remote clock offset: -12.764 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.99 Mbit/s
95th percentile per-packet one-way delay: 21.149 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 21.99 Mbit/s
95th percentile per-packet one-way delay: 21.149 ms
Loss rate: 0.08%
```

Run 1: Report of Sprout — Data Link

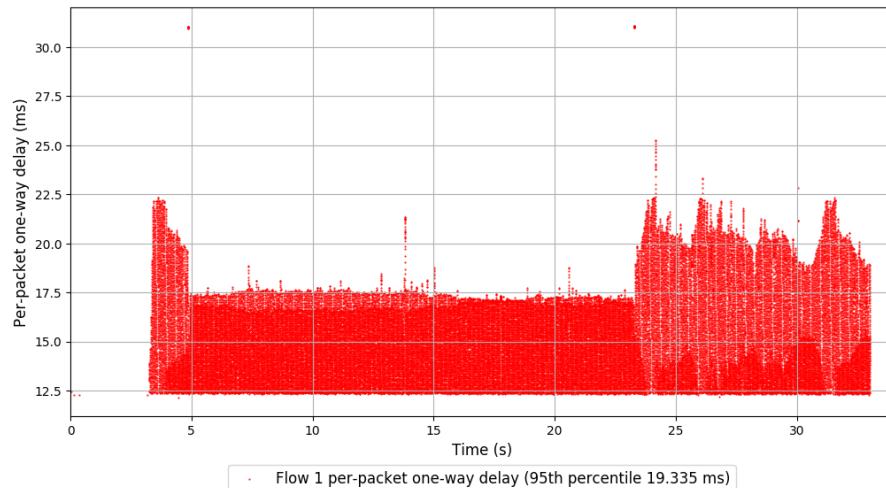
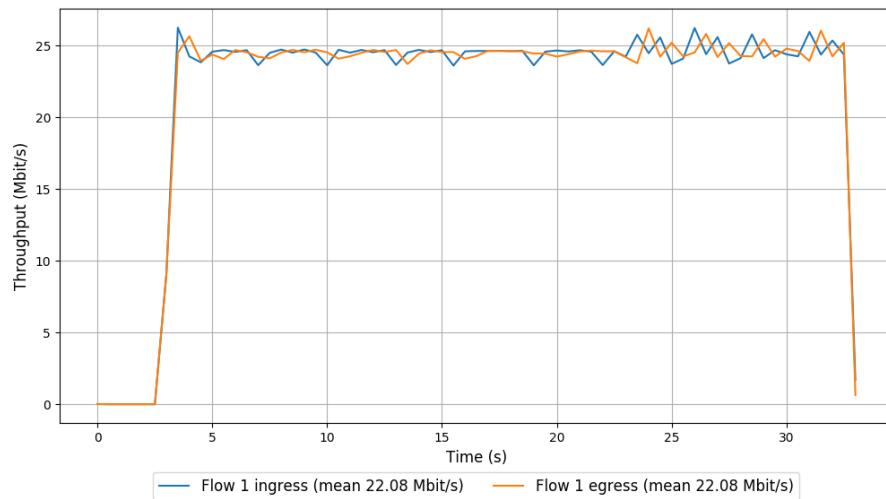


Run 2: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:49:25 +0000
End at: Tue, 04 Jul 2017 04:49:55 +0000
Local clock offset: 4.812 ms
Remote clock offset: -15.301 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 19.335 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 19.335 ms
Loss rate: 0.12%
```

Run 2: Report of Sprout — Data Link

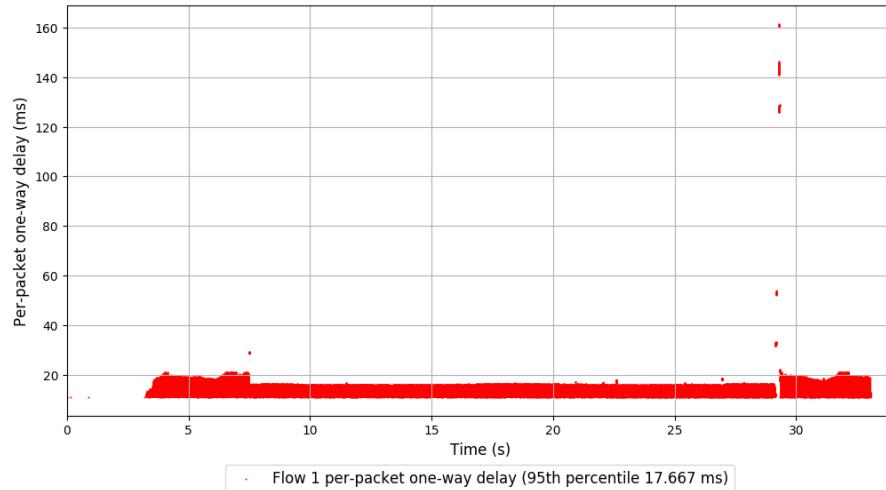
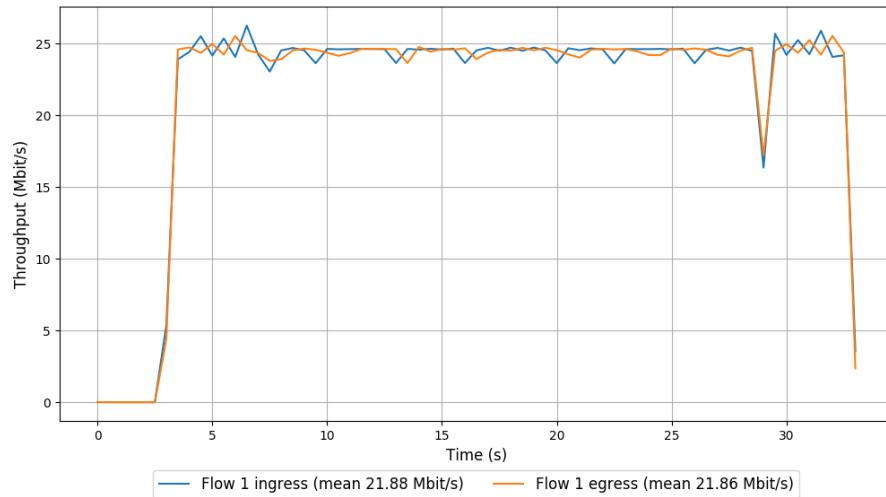


Run 3: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:07:10 +0000
End at: Tue, 04 Jul 2017 05:07:40 +0000
Local clock offset: 4.621 ms
Remote clock offset: -17.166 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 17.667 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 17.667 ms
Loss rate: 0.15%
```

Run 3: Report of Sprout — Data Link

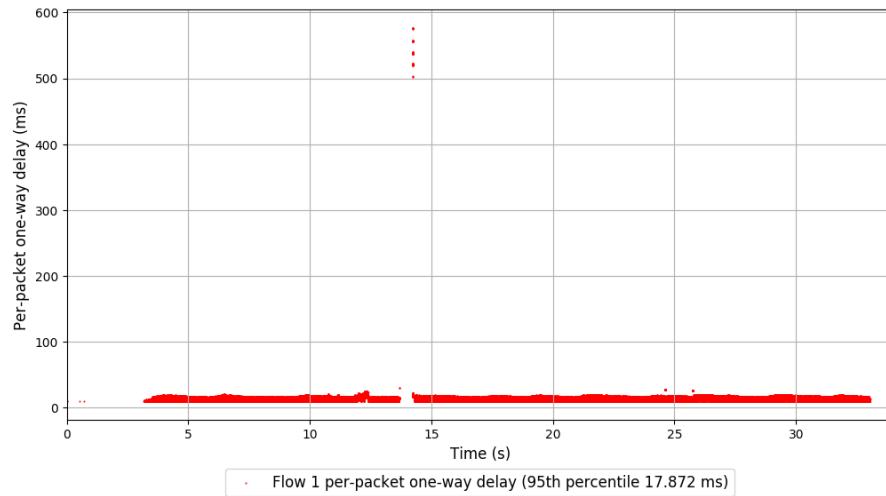
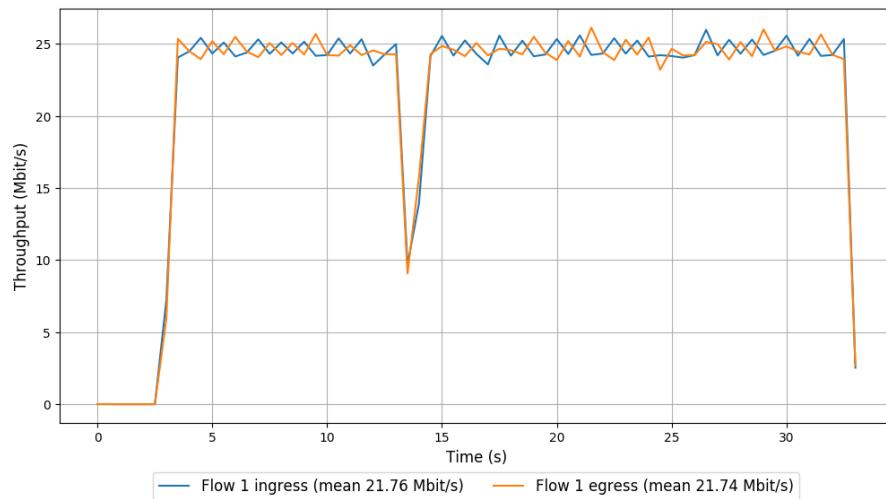


Run 4: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:25:18 +0000
End at: Tue, 04 Jul 2017 05:25:48 +0000
Local clock offset: 2.764 ms
Remote clock offset: -18.542 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 17.872 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 17.872 ms
Loss rate: 0.13%
```

Run 4: Report of Sprout — Data Link

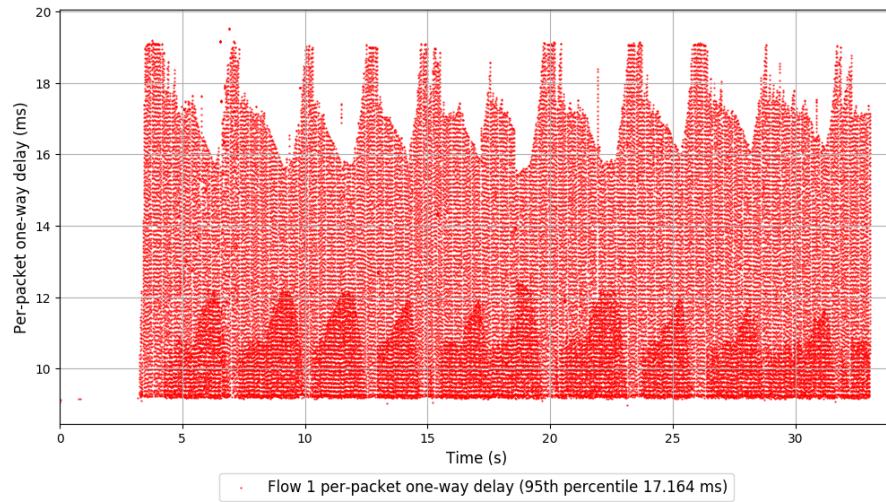
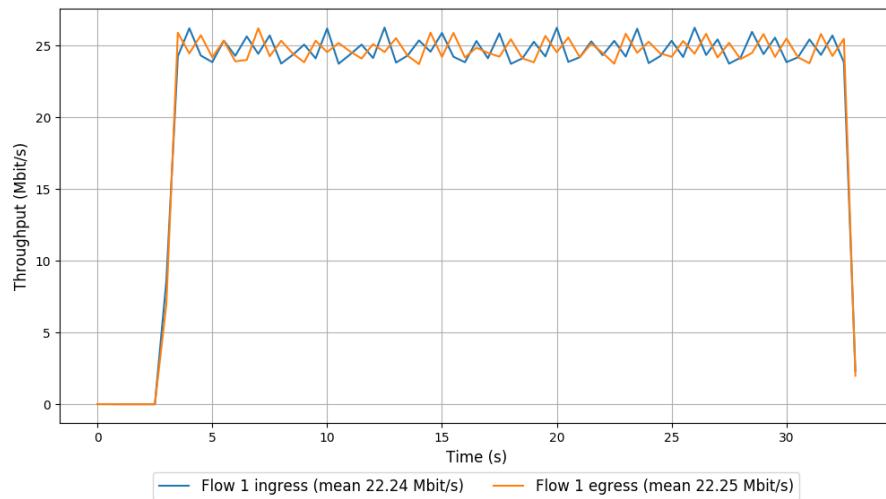


Run 5: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:42:58 +0000
End at: Tue, 04 Jul 2017 05:43:28 +0000
Local clock offset: 3.748 ms
Remote clock offset: -20.018 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 17.164 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 17.164 ms
Loss rate: 0.02%
```

Run 5: Report of Sprout — Data Link

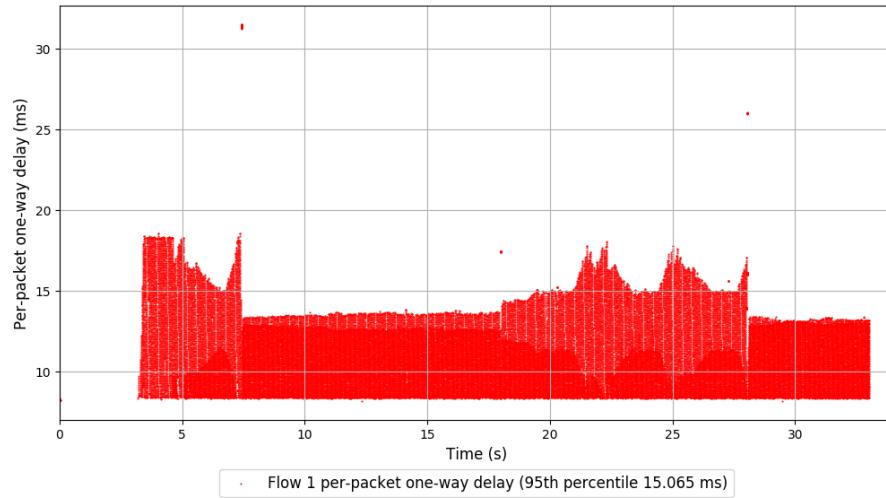
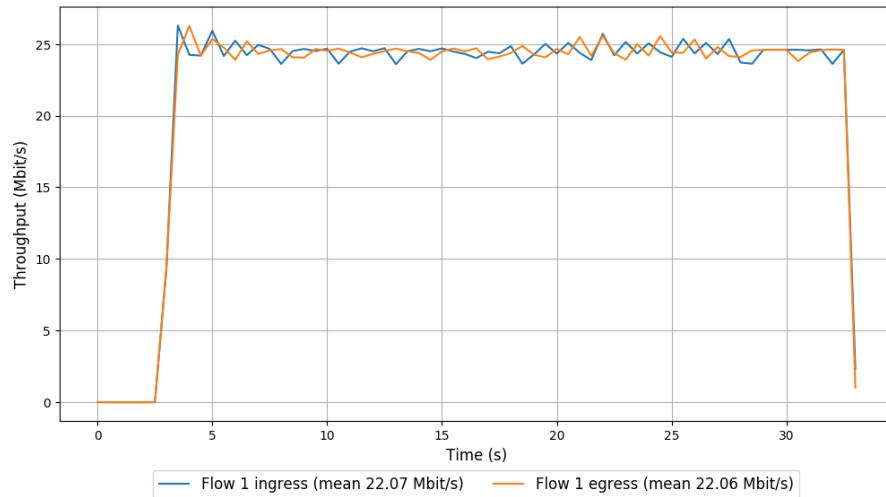


Run 6: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:00:05 +0000
End at: Tue, 04 Jul 2017 06:00:35 +0000
Local clock offset: 3.974 ms
Remote clock offset: -20.459 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 15.065 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 15.065 ms
Loss rate: 0.13%
```

Run 6: Report of Sprout — Data Link

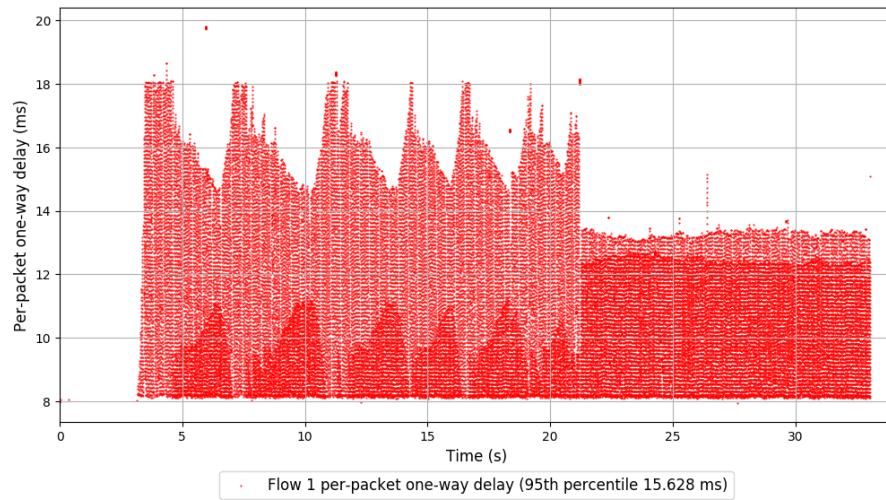
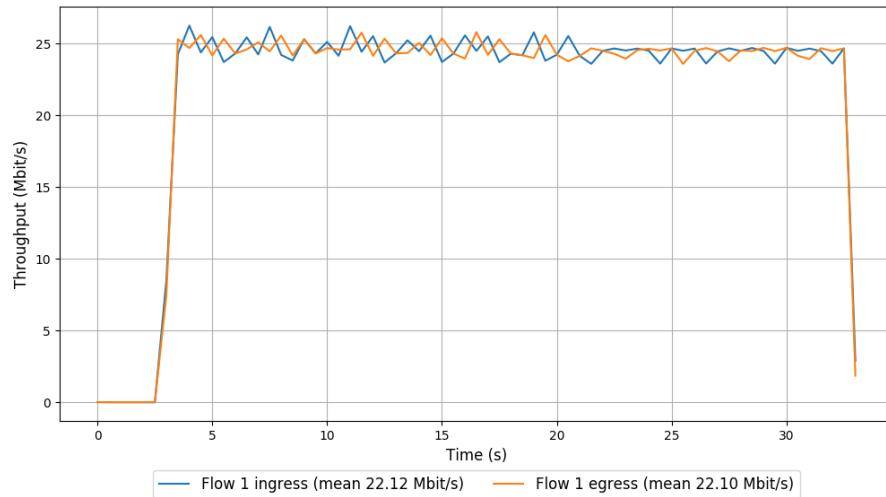


Run 7: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:17:42 +0000
End at: Tue, 04 Jul 2017 06:18:12 +0000
Local clock offset: 1.629 ms
Remote clock offset: -20.456 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.12%
```

Run 7: Report of Sprout — Data Link

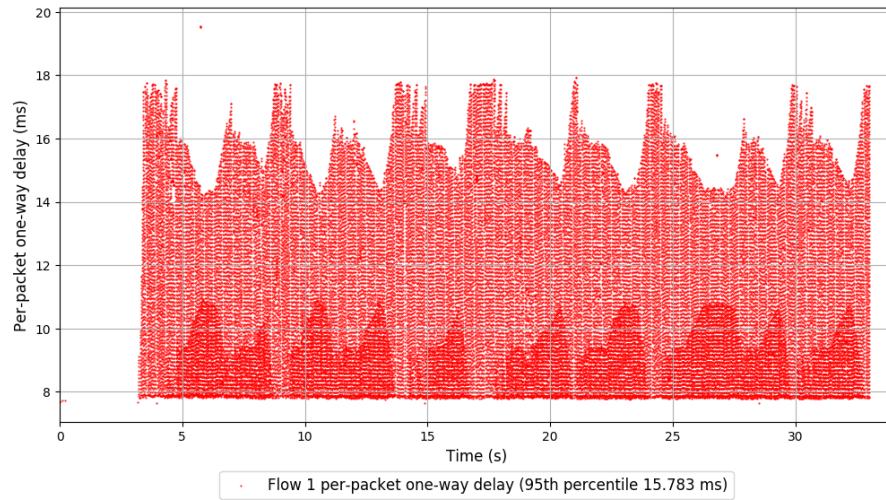
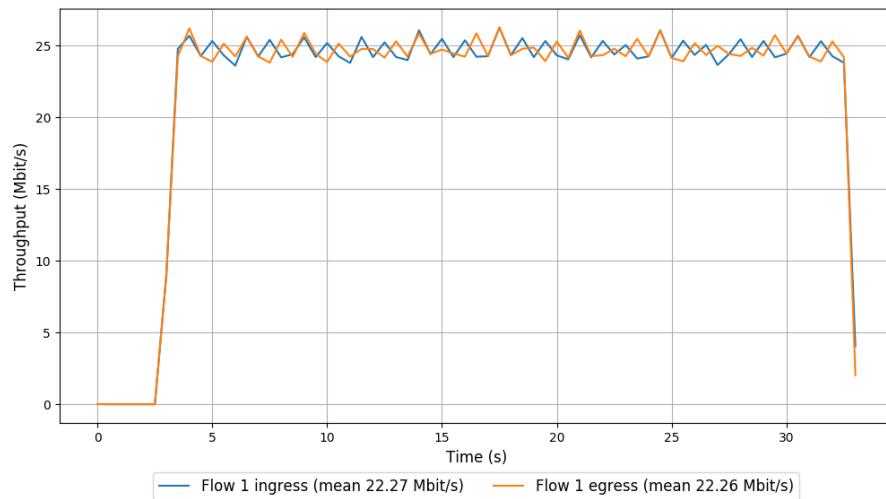


Run 8: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:35:06 +0000
End at: Tue, 04 Jul 2017 06:35:36 +0000
Local clock offset: 4.429 ms
Remote clock offset: -19.929 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.26 Mbit/s
95th percentile per-packet one-way delay: 15.783 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.26 Mbit/s
95th percentile per-packet one-way delay: 15.783 ms
Loss rate: 0.15%
```

Run 8: Report of Sprout — Data Link

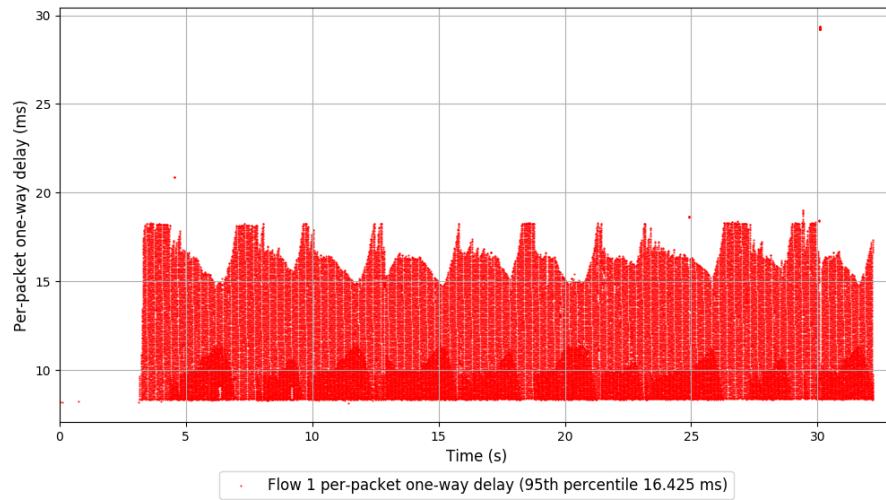
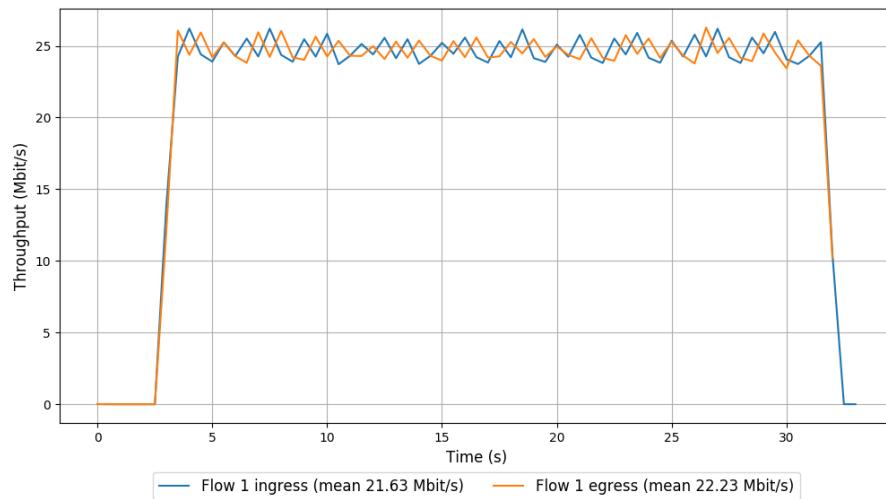


Run 9: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:52:43 +0000
End at: Tue, 04 Jul 2017 06:53:13 +0000
Local clock offset: -3.644 ms
Remote clock offset: -20.022 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 16.425 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 16.425 ms
Loss rate: 0.20%
```

Run 9: Report of Sprout — Data Link

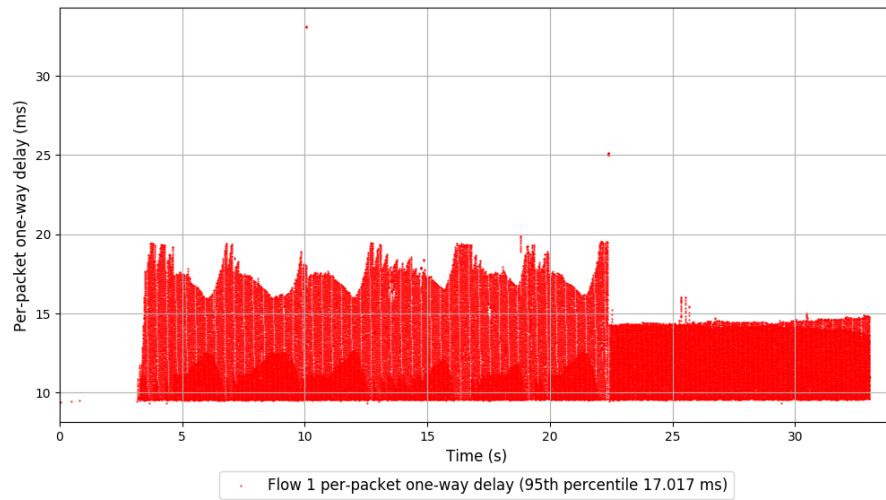
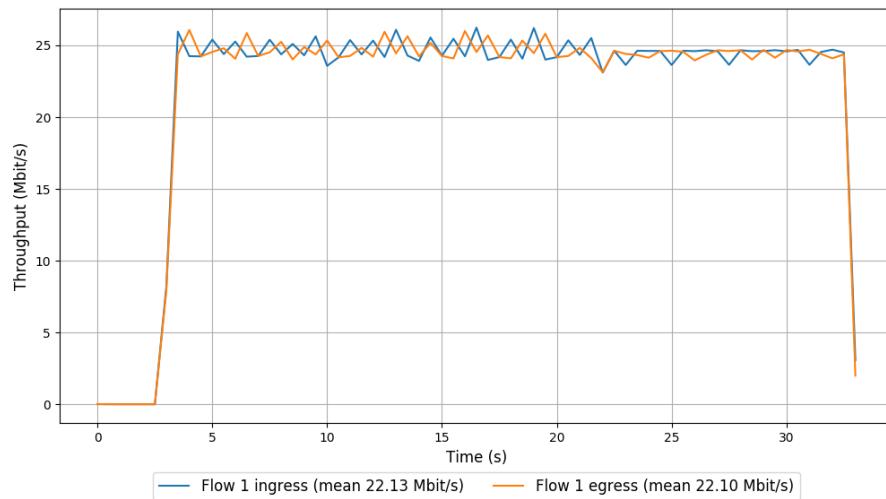


Run 10: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 07:10:28 +0000
End at: Tue, 04 Jul 2017 07:10:58 +0000
Local clock offset: 2.932 ms
Remote clock offset: -19.661 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 17.017 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 17.017 ms
Loss rate: 0.20%
```

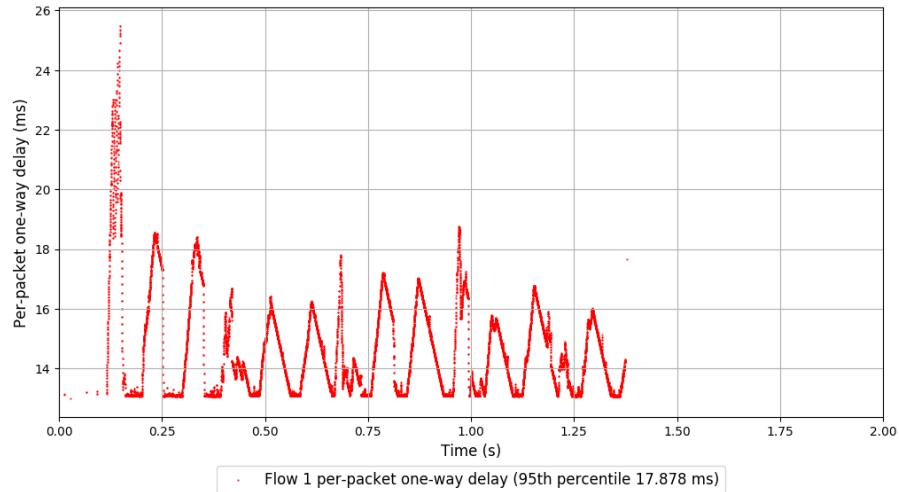
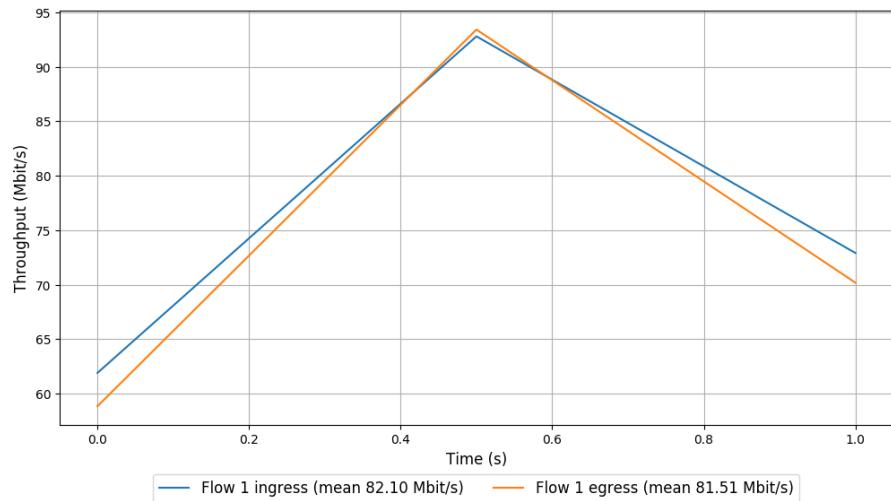
Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 04:40:48 +0000
End at: Tue, 04 Jul 2017 04:41:18 +0000
Local clock offset: 1.63 ms
Remote clock offset: -15.975 ms

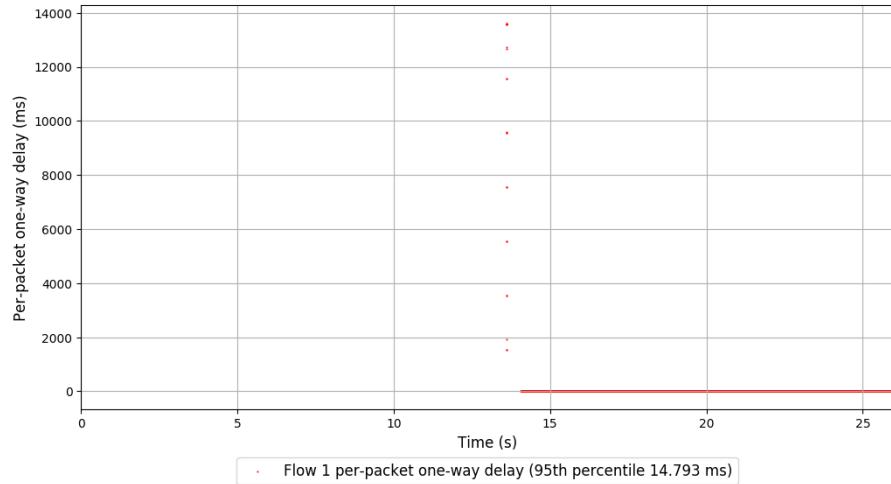
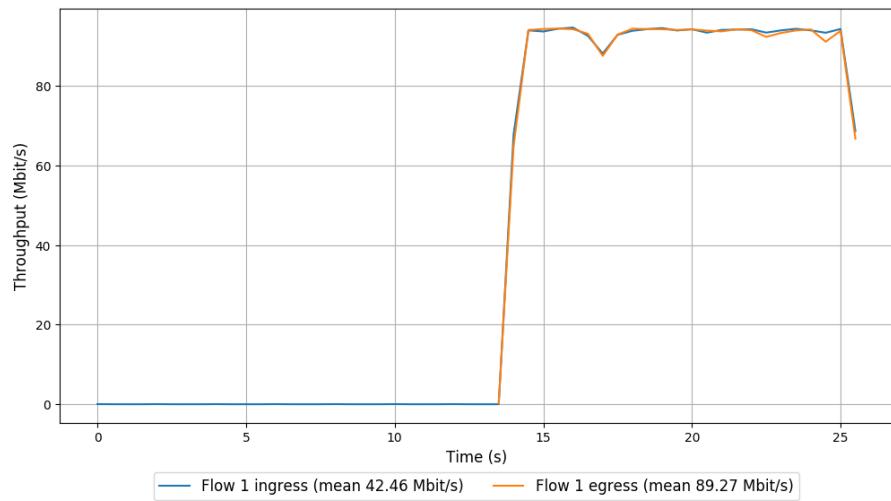
Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 04:59:52 +0000
End at: Tue, 04 Jul 2017 05:00:22 +0000
Local clock offset: 3.626 ms
Remote clock offset: -15.388 ms

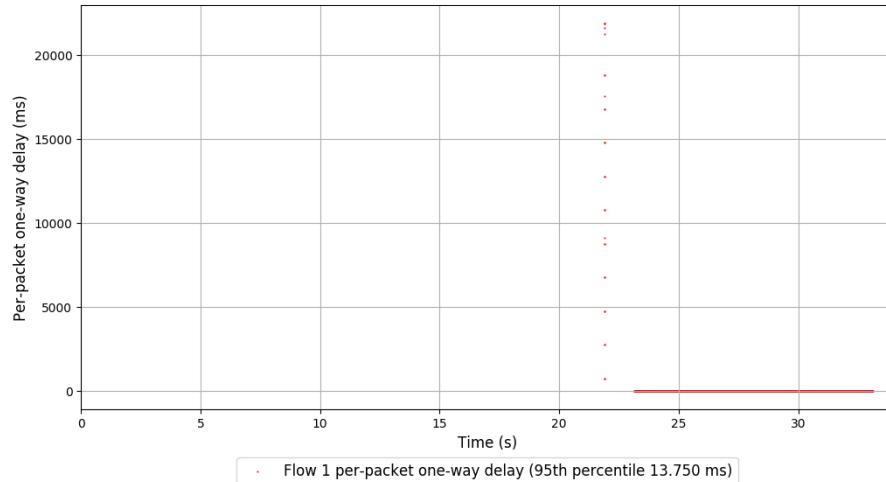
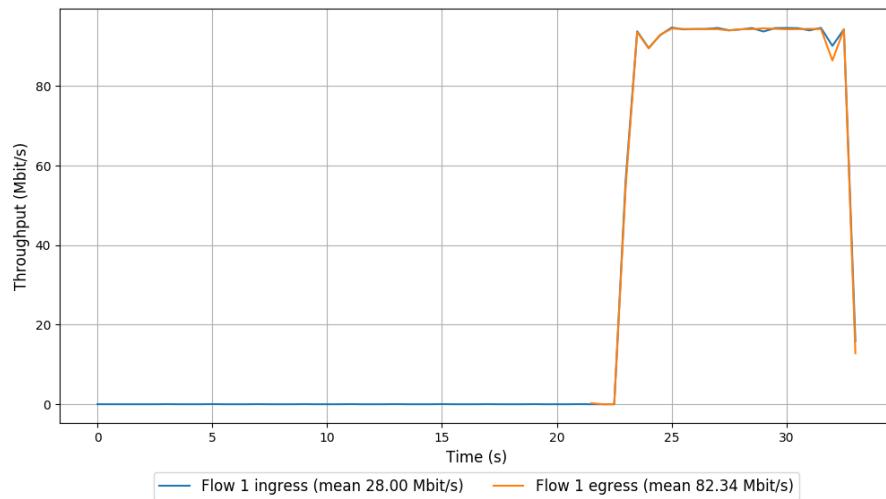
Run 2: Report of TaoVA-100x — Data Link



Run 3: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 05:17:30 +0000
End at: Tue, 04 Jul 2017 05:18:00 +0000
Local clock offset: 4.608 ms
Remote clock offset: -18.567 ms

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

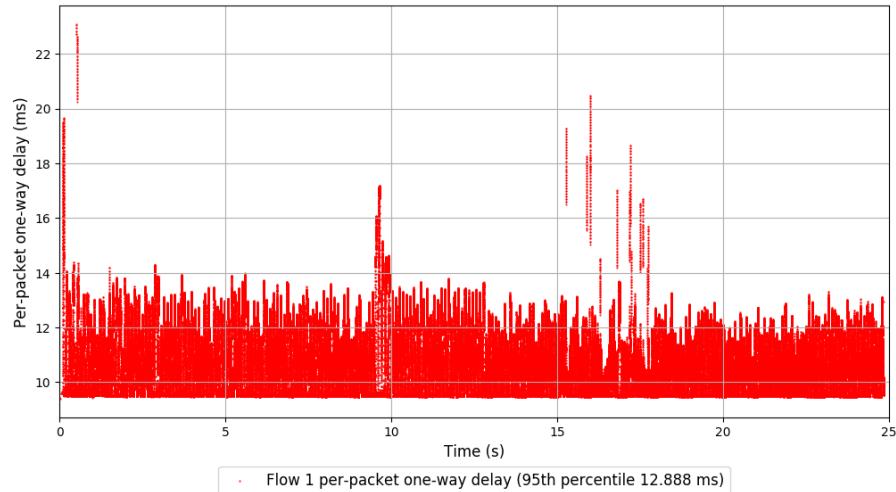
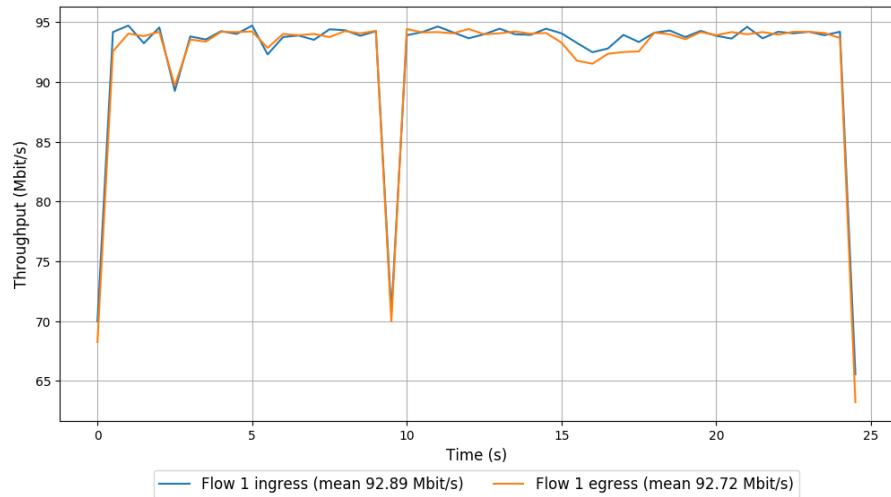


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:35:39 +0000
End at: Tue, 04 Jul 2017 05:36:09 +0000
Local clock offset: 1.459 ms
Remote clock offset: -20.103 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:44:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.27%
```

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 05:53:10 +0000
End at: Tue, 04 Jul 2017 05:53:40 +0000
Local clock offset: 3.179 ms
Remote clock offset: -20.07 ms

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

Figure is missing

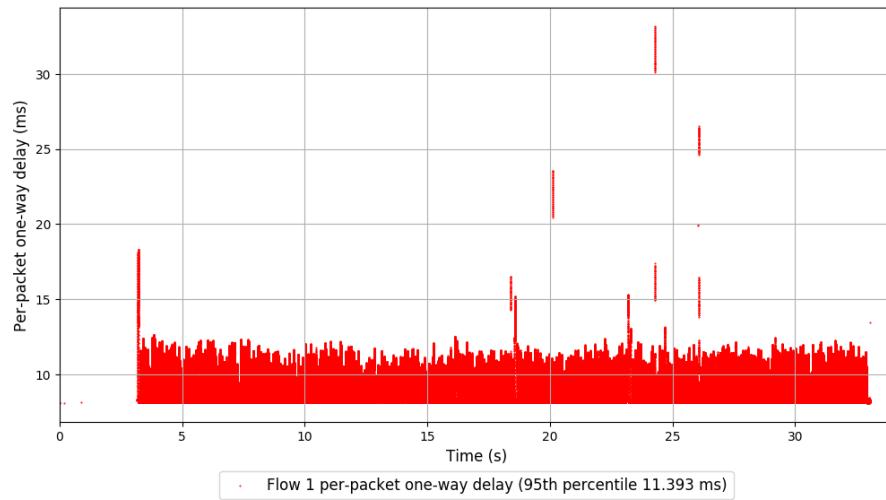
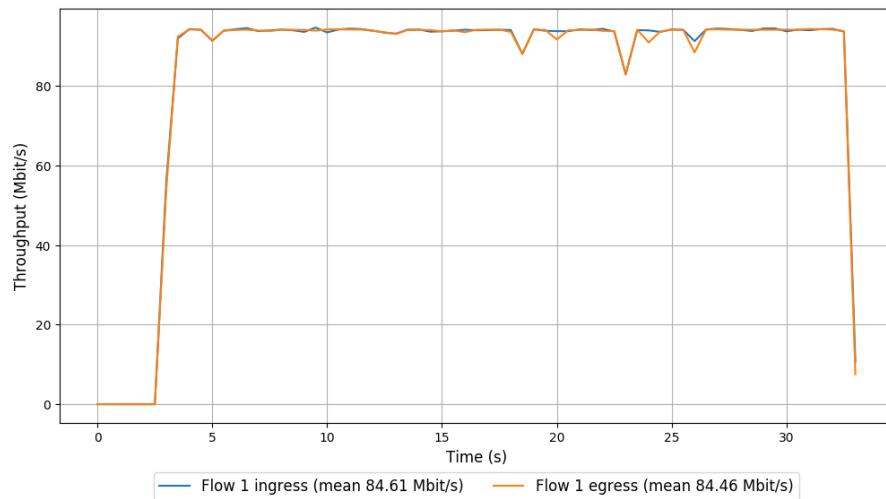
Figure is missing

Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 06:10:23 +0000
End at: Tue, 04 Jul 2017 06:10:53 +0000
Local clock offset: 1.95 ms
Remote clock offset: -21.442 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:45:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 11.393 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 11.393 ms
Loss rate: 0.24%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:27:49 +0000

End at: Tue, 04 Jul 2017 06:28:19 +0000

Local clock offset: 3.766 ms

Remote clock offset: -19.647 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:45:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.46 Mbit/s

95th percentile per-packet one-way delay: 10.833 ms

Loss rate: 0.33%

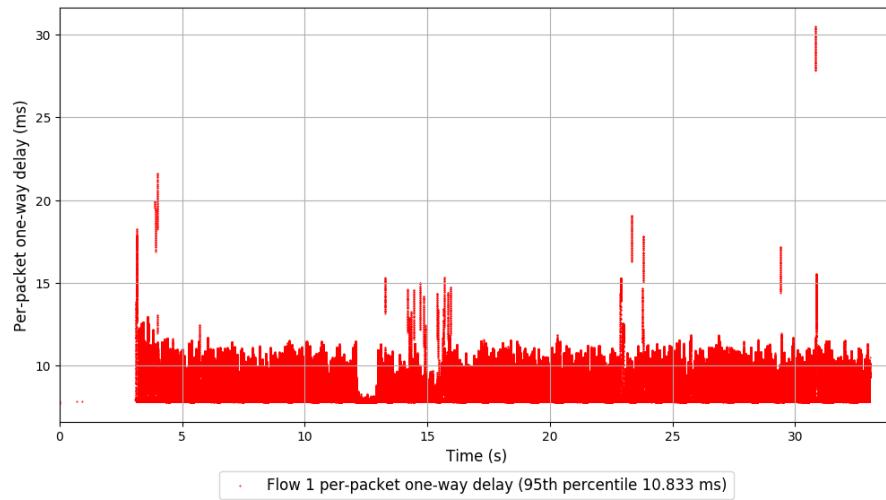
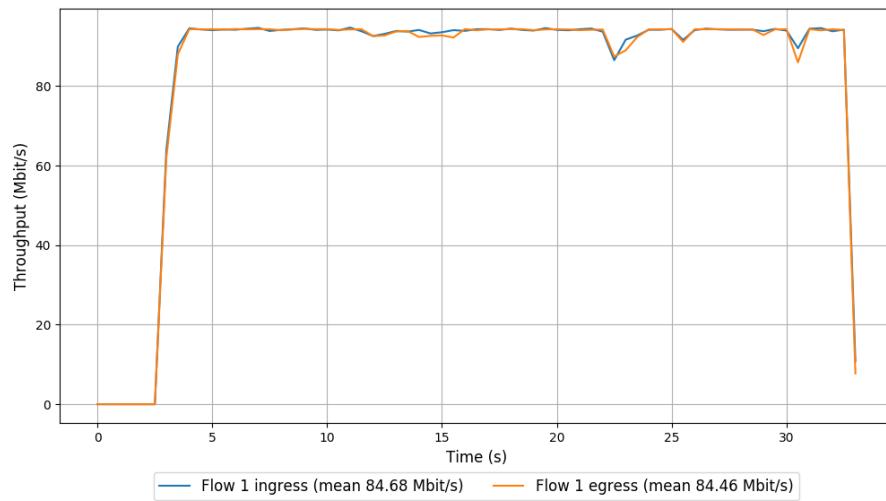
-- Flow 1:

Average throughput: 84.46 Mbit/s

95th percentile per-packet one-way delay: 10.833 ms

Loss rate: 0.33%

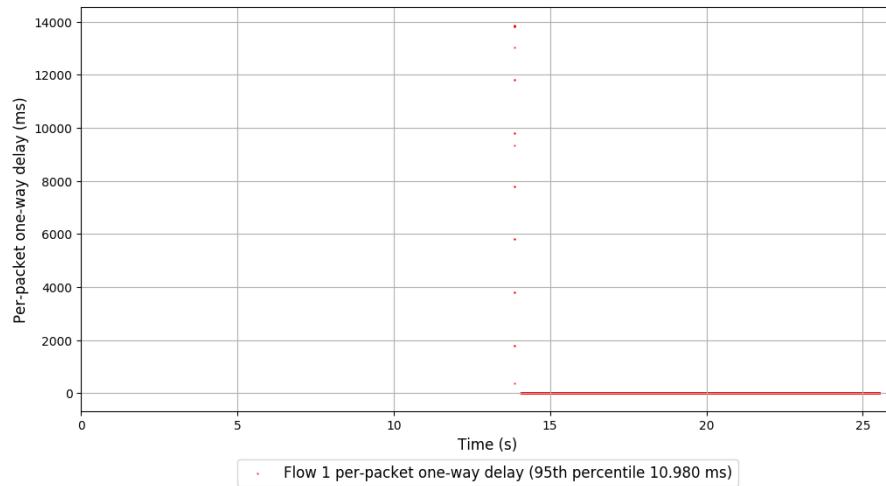
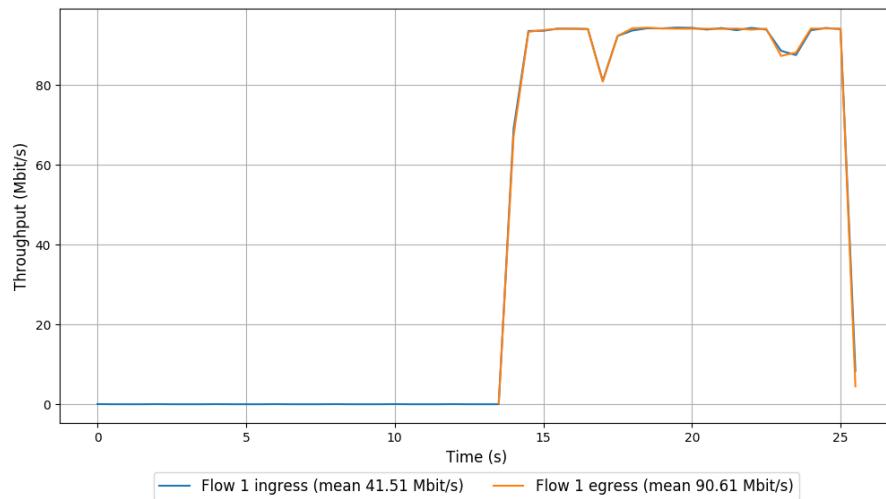
Run 7: Report of TaoVA-100x — Data Link



Run 8: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:45:26 +0000
End at: Tue, 04 Jul 2017 06:45:56 +0000
Local clock offset: 2.679 ms
Remote clock offset: -21.719 ms

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

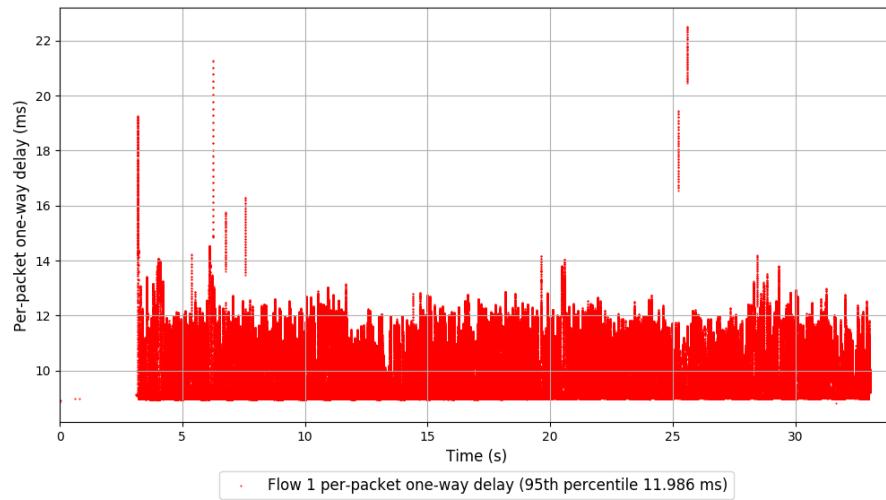
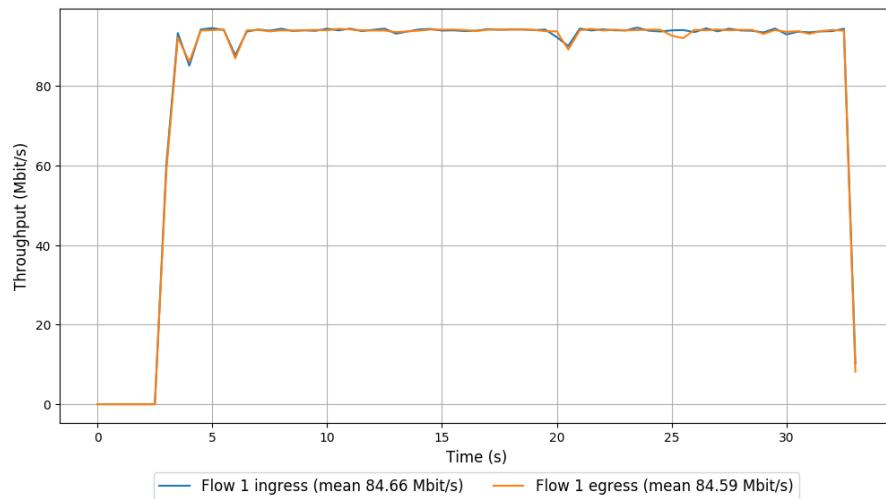


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 07:03:02 +0000
End at: Tue, 04 Jul 2017 07:03:32 +0000
Local clock offset: 3.128 ms
Remote clock offset: -20.933 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:45:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.59 Mbit/s
95th percentile per-packet one-way delay: 11.986 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 84.59 Mbit/s
95th percentile per-packet one-way delay: 11.986 ms
Loss rate: 0.15%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 07:20:39 +0000

End at: Tue, 04 Jul 2017 07:21:09 +0000

Local clock offset: 1.27 ms

Remote clock offset: -20.294 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:45:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.19 Mbit/s

95th percentile per-packet one-way delay: 12.800 ms

Loss rate: 0.45%

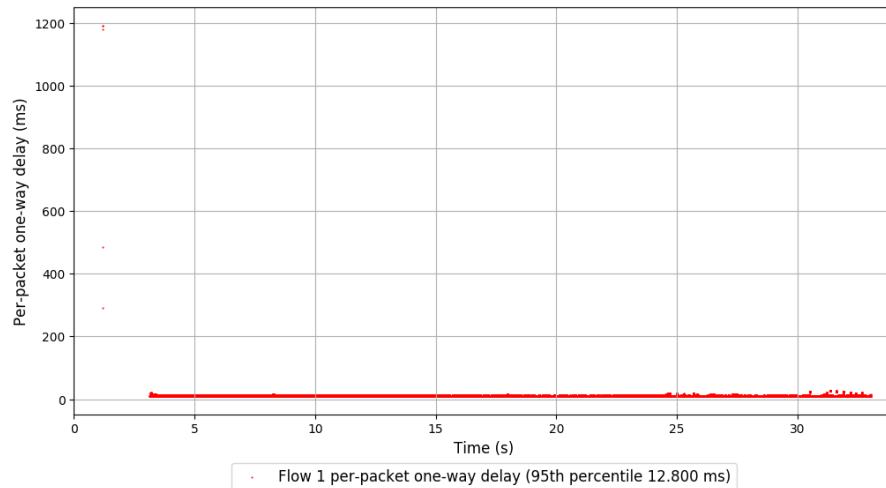
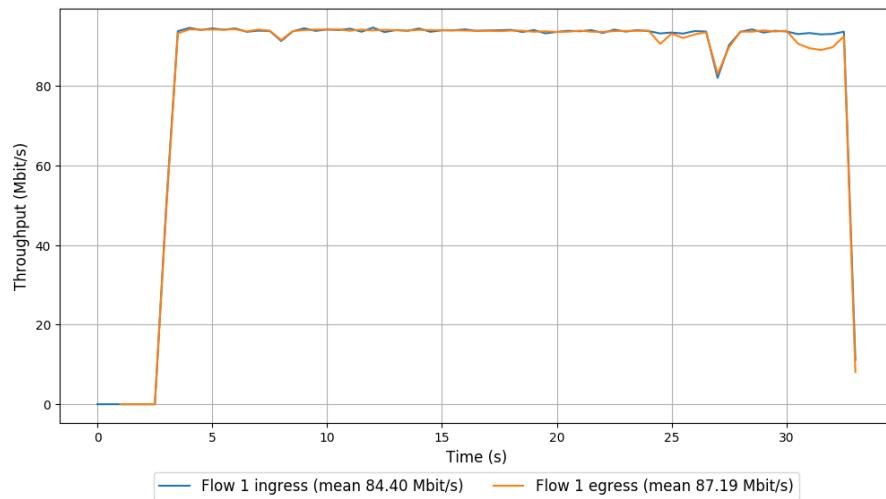
-- Flow 1:

Average throughput: 87.19 Mbit/s

95th percentile per-packet one-way delay: 12.800 ms

Loss rate: 0.45%

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

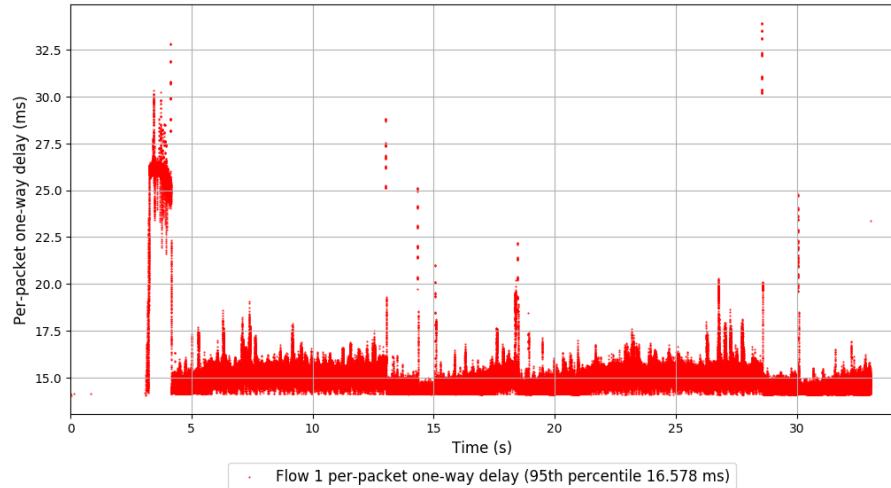
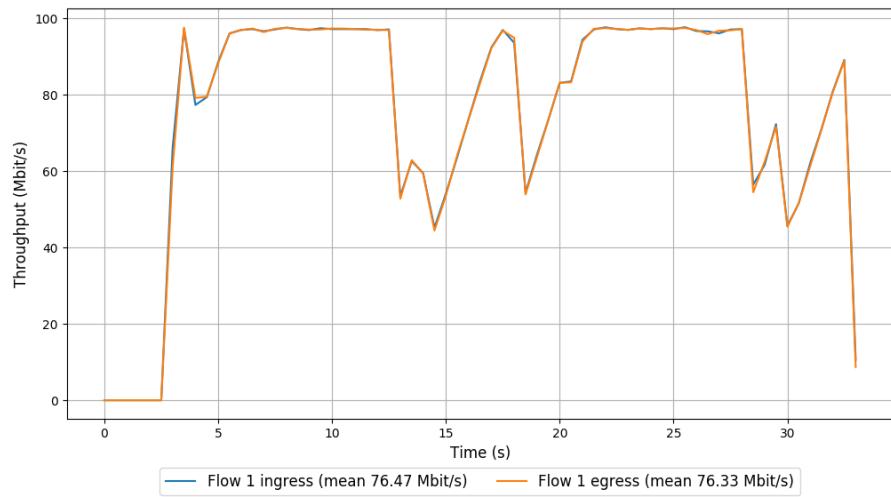


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:32:15 +0000
End at: Tue, 04 Jul 2017 04:32:45 +0000
Local clock offset: 3.674 ms
Remote clock offset: -14.965 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:45:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.33 Mbit/s
95th percentile per-packet one-way delay: 16.578 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 76.33 Mbit/s
95th percentile per-packet one-way delay: 16.578 ms
Loss rate: 0.23%
```

Run 1: Report of TCP Vegas — Data Link

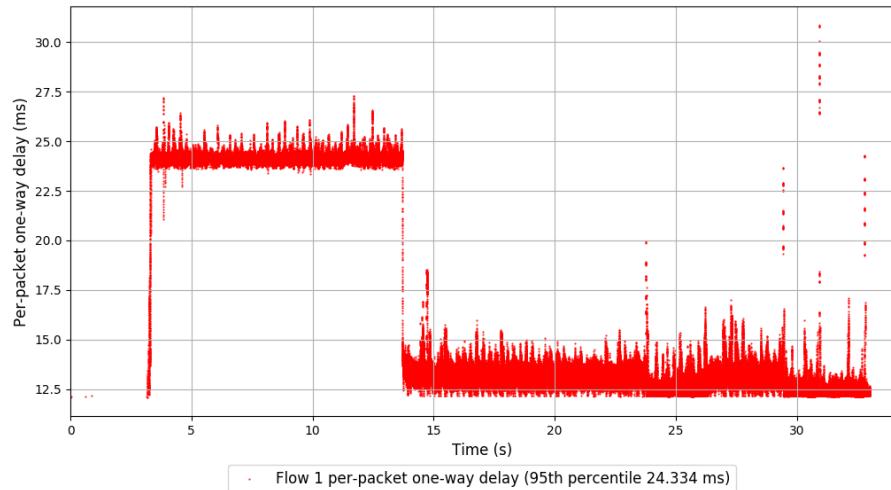
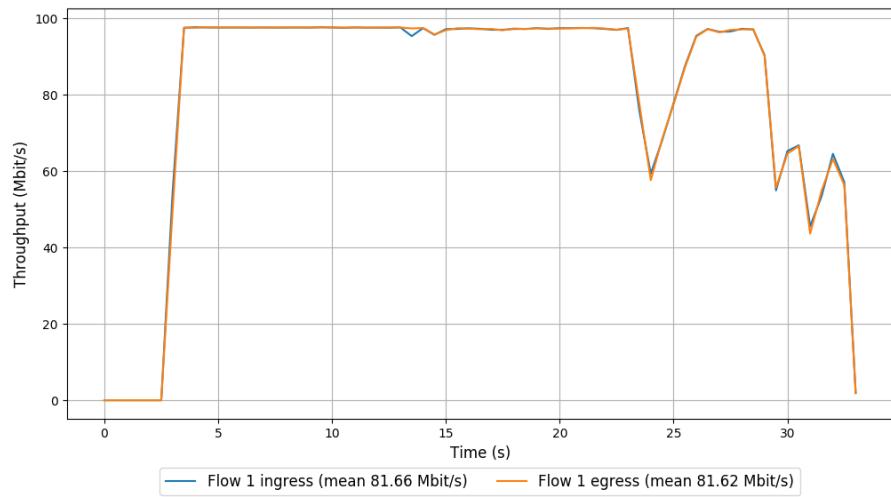


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:51:39 +0000
End at: Tue, 04 Jul 2017 04:52:09 +0000
Local clock offset: 3.996 ms
Remote clock offset: -18.126 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:45:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 24.334 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 24.334 ms
Loss rate: 0.11%
```

Run 2: Report of TCP Vegas — Data Link

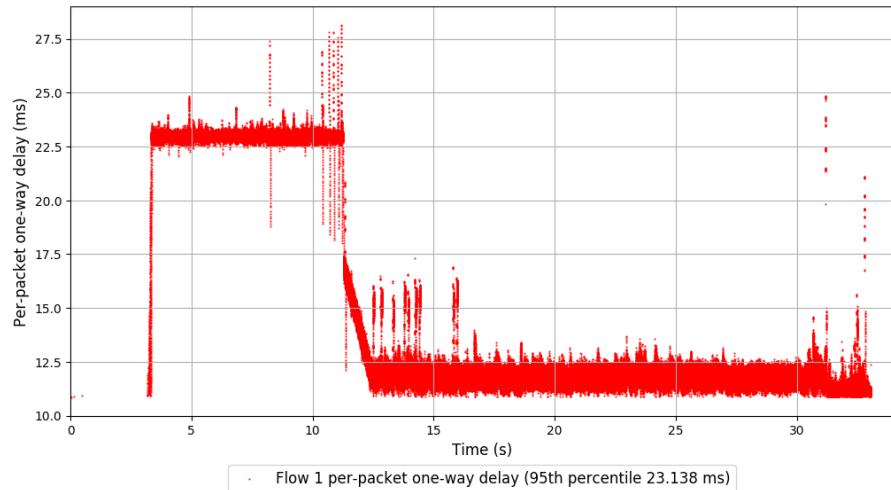
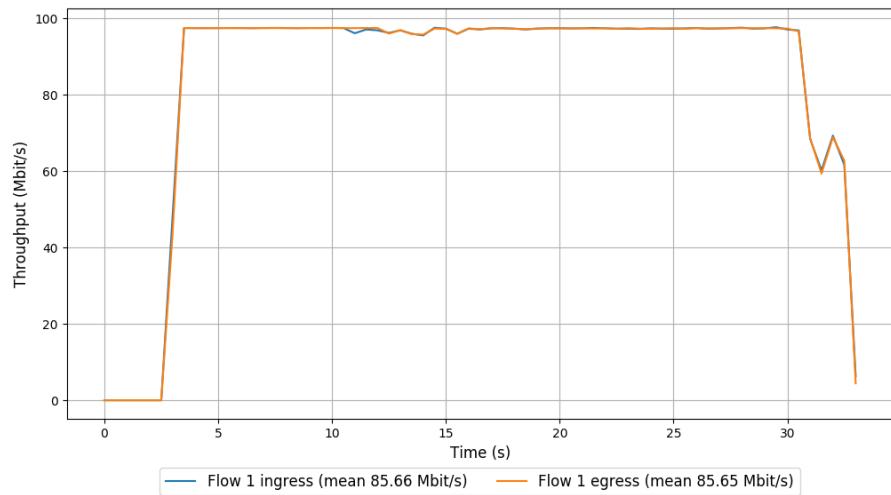


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:09:21 +0000
End at: Tue, 04 Jul 2017 05:09:51 +0000
Local clock offset: 3.548 ms
Remote clock offset: -16.907 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:45:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 23.138 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 23.138 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Vegas — Data Link

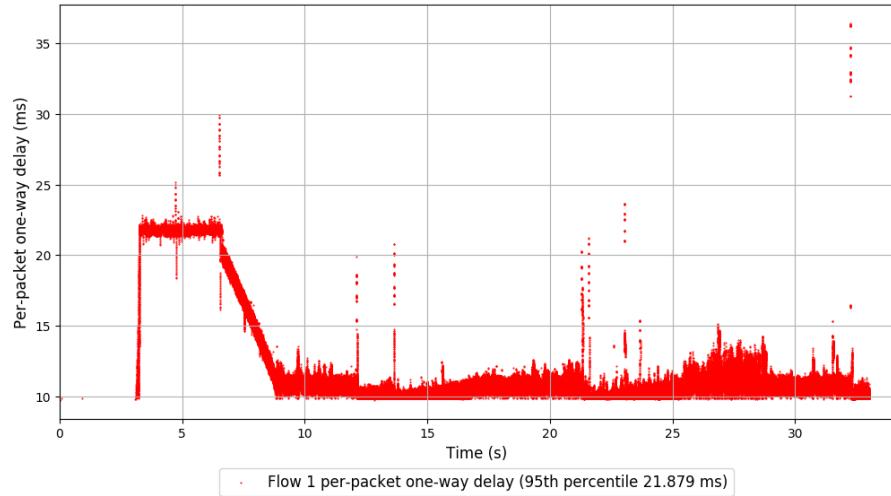
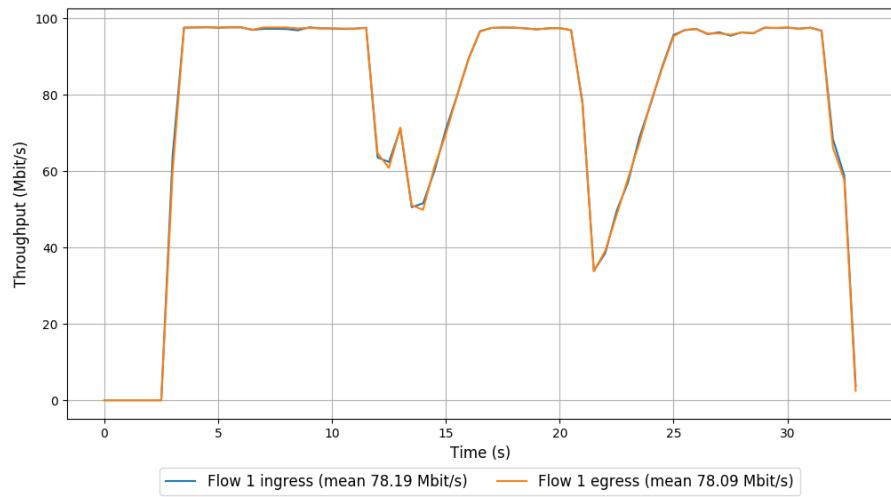


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:27:30 +0000
End at: Tue, 04 Jul 2017 05:28:00 +0000
Local clock offset: 2.678 ms
Remote clock offset: -17.21 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 21.879 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 21.879 ms
Loss rate: 0.20%
```

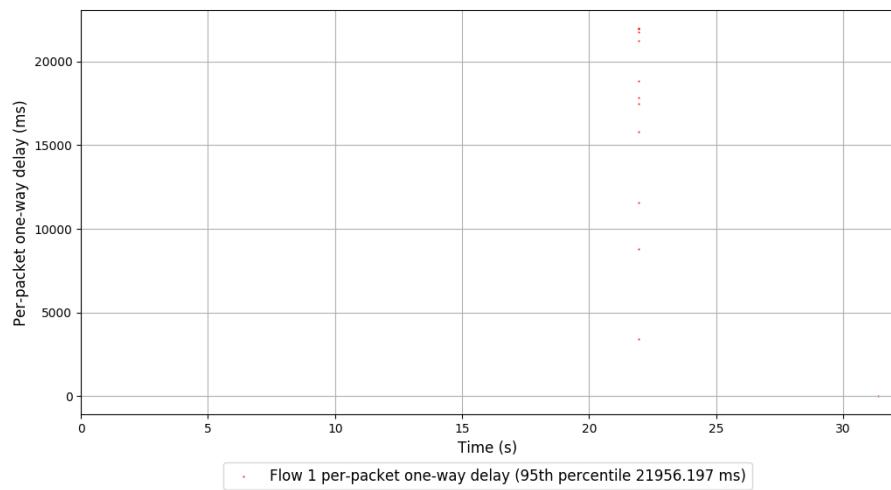
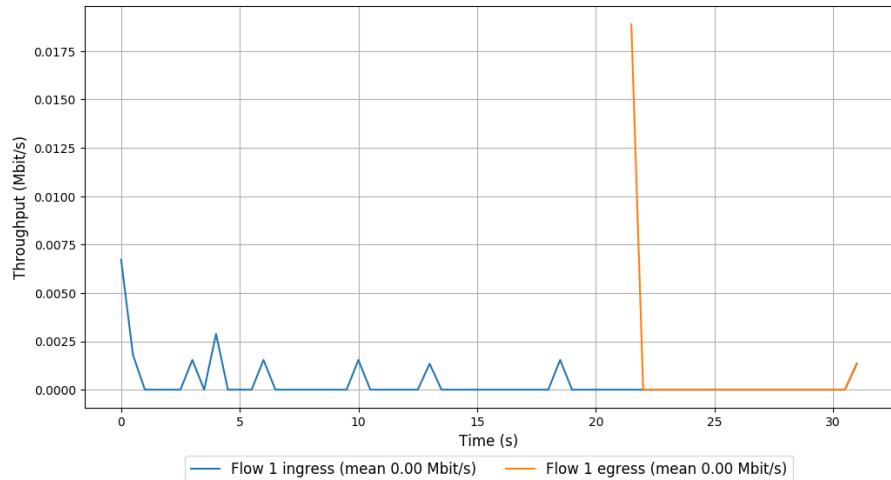
Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 04 Jul 2017 05:45:11 +0000
End at: Tue, 04 Jul 2017 05:45:41 +0000
Local clock offset: 3.337 ms
Remote clock offset: -20.456 ms

Run 5: Report of TCP Vegas — Data Link

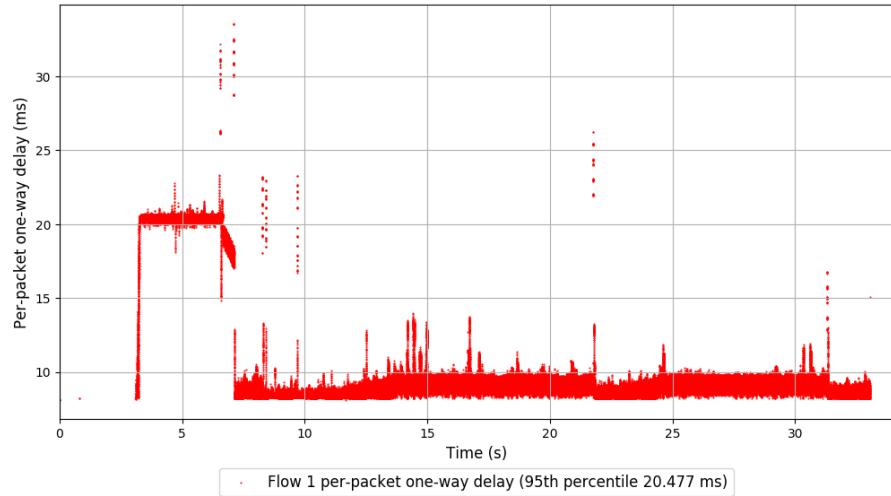
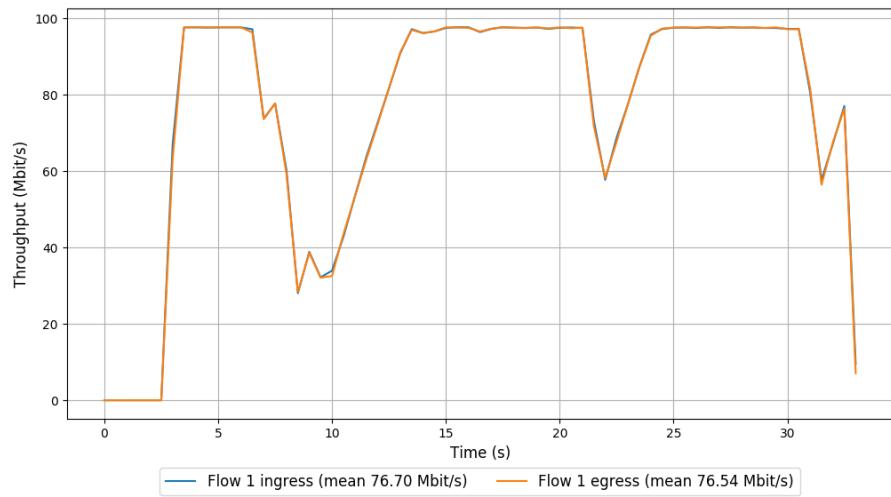


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:02:16 +0000
End at: Tue, 04 Jul 2017 06:02:46 +0000
Local clock offset: 1.961 ms
Remote clock offset: -19.995 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 20.477 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 20.477 ms
Loss rate: 0.25%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

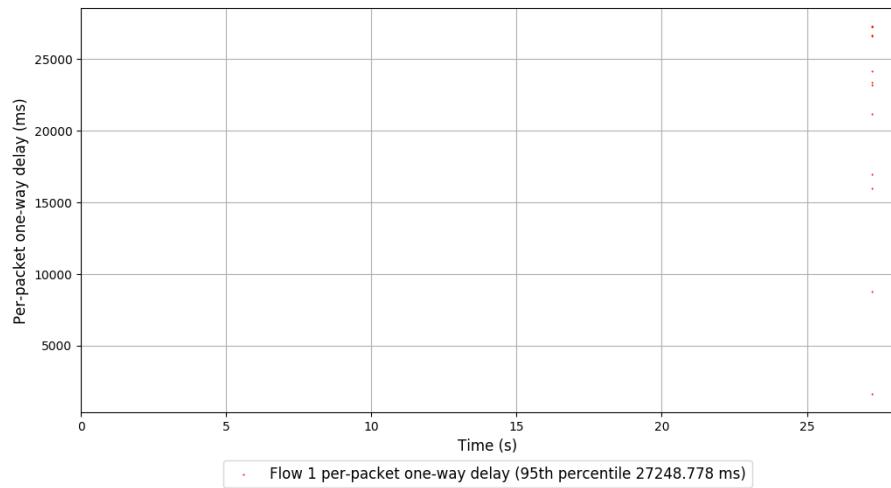
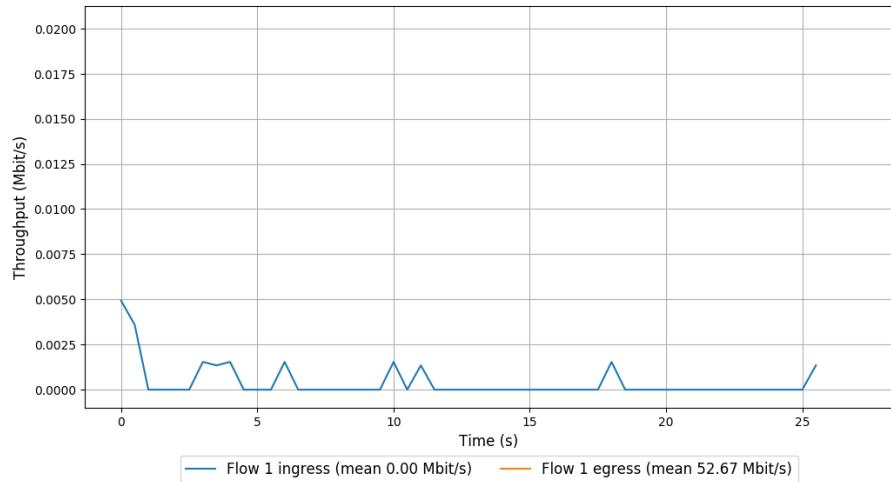
Start at: Tue, 04 Jul 2017 06:19:52 +0000

End at: Tue, 04 Jul 2017 06:20:22 +0000

Local clock offset: -1.086 ms

Remote clock offset: -20.354 ms

Run 7: Report of TCP Vegas — Data Link

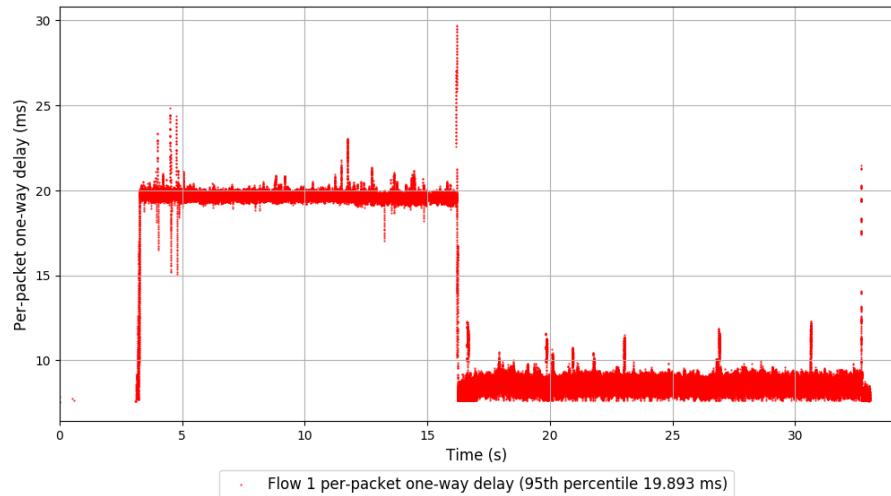
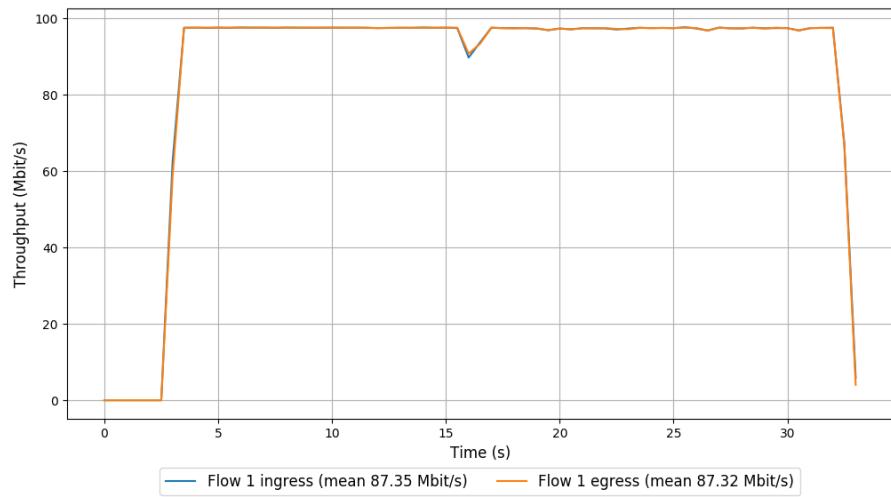


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:37:16 +0000
End at: Tue, 04 Jul 2017 06:37:46 +0000
Local clock offset: 4.384 ms
Remote clock offset: -20.994 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 19.893 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 19.893 ms
Loss rate: 0.09%
```

Run 8: Report of TCP Vegas — Data Link

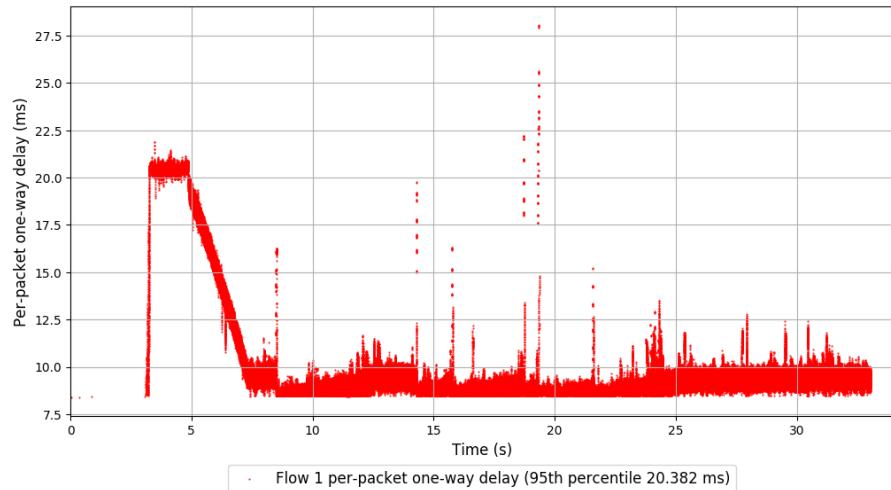
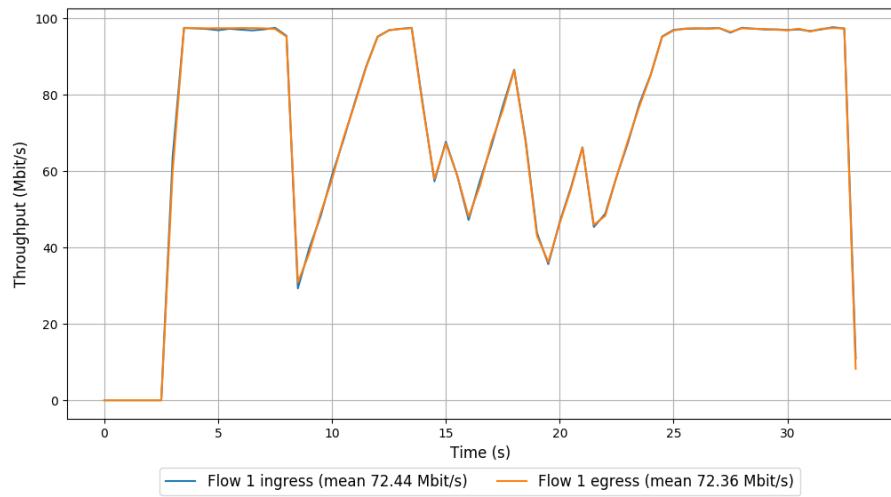


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:54:55 +0000
End at: Tue, 04 Jul 2017 06:55:25 +0000
Local clock offset: 3.277 ms
Remote clock offset: -20.027 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 20.382 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 20.382 ms
Loss rate: 0.17%
```

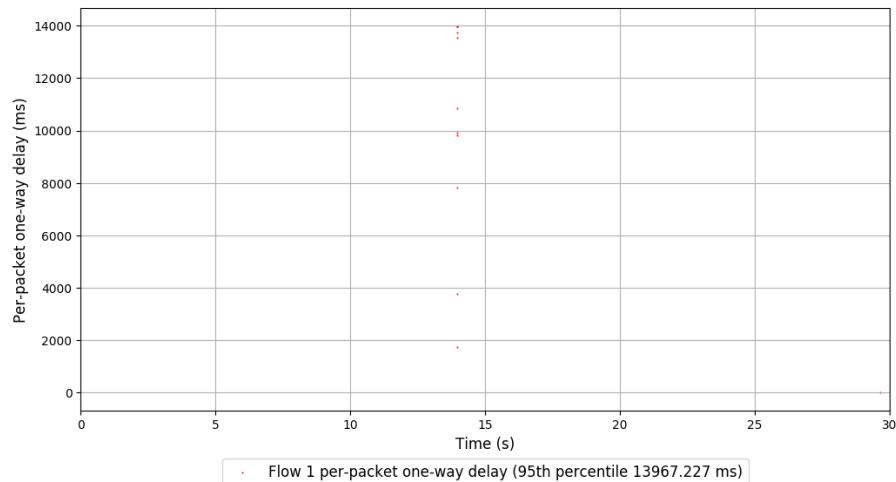
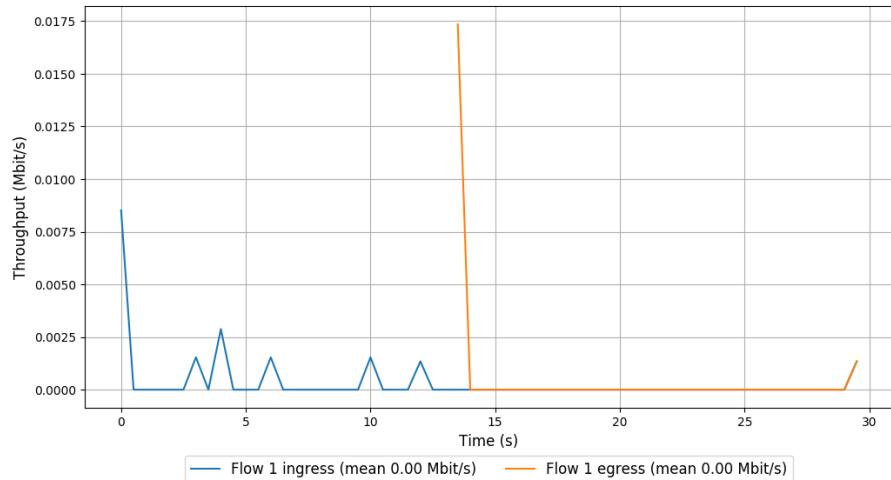
Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Tue, 04 Jul 2017 07:12:39 +0000
End at: Tue, 04 Jul 2017 07:13:09 +0000
Local clock offset: 2.552 ms
Remote clock offset: -19.385 ms

Run 10: Report of TCP Vegas — Data Link

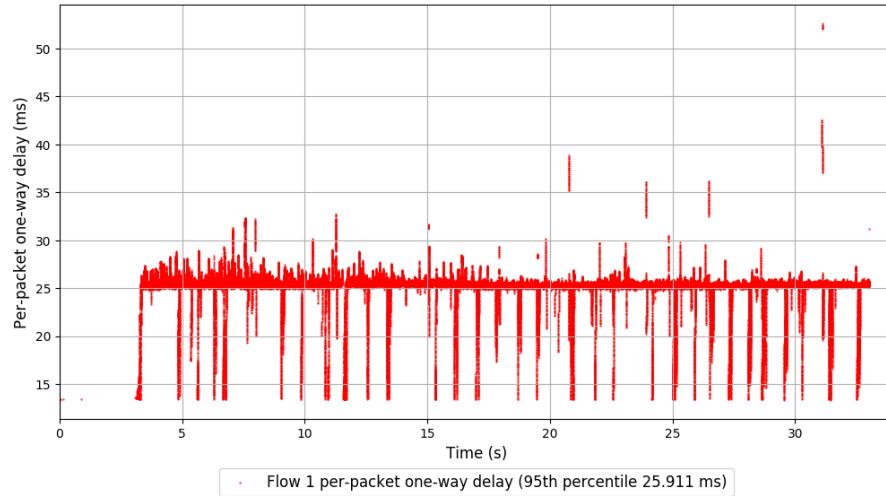
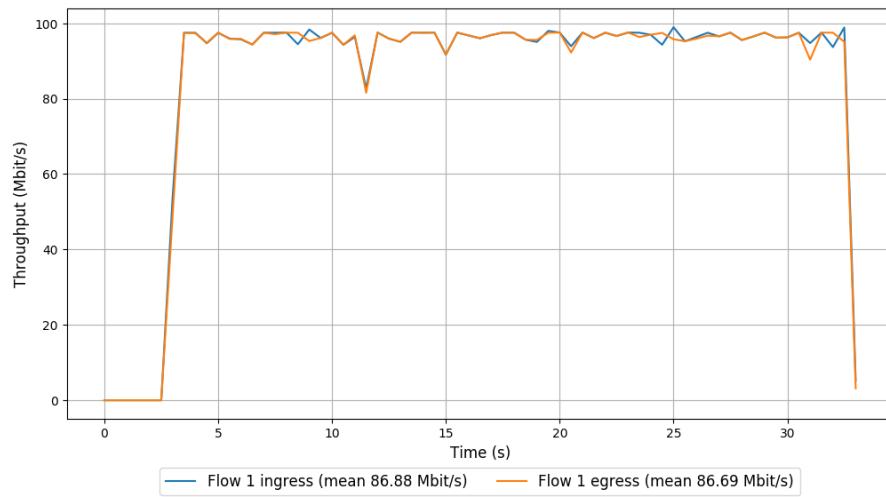


Run 1: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:38:12 +0000
End at: Tue, 04 Jul 2017 04:38:42 +0000
Local clock offset: 3.856 ms
Remote clock offset: -15.144 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 25.911 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 25.911 ms
Loss rate: 0.29%
```

Run 1: Report of Verus — Data Link

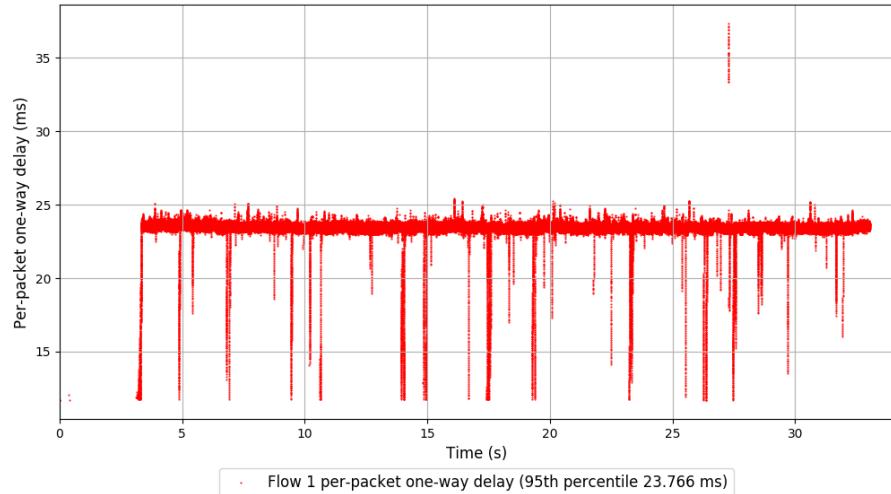
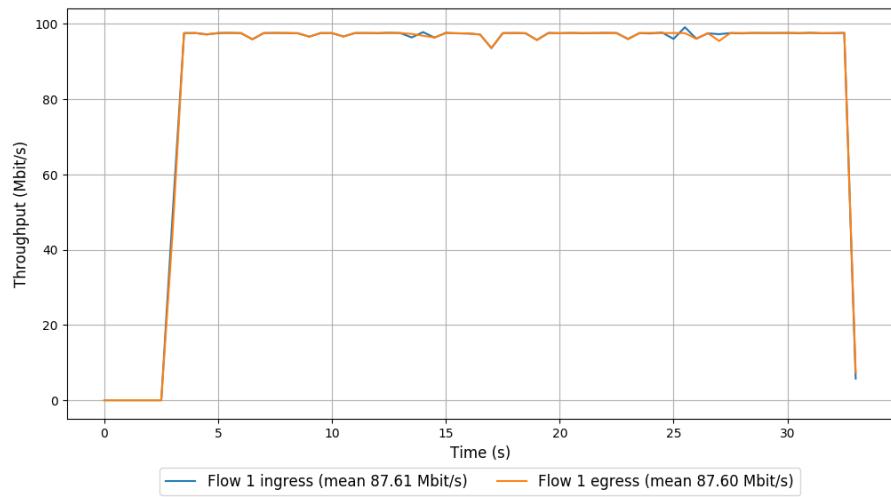


Run 2: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:57:25 +0000
End at: Tue, 04 Jul 2017 04:57:55 +0000
Local clock offset: 3.535 ms
Remote clock offset: -18.06 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 23.766 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 23.766 ms
Loss rate: 0.08%
```

Run 2: Report of Verus — Data Link

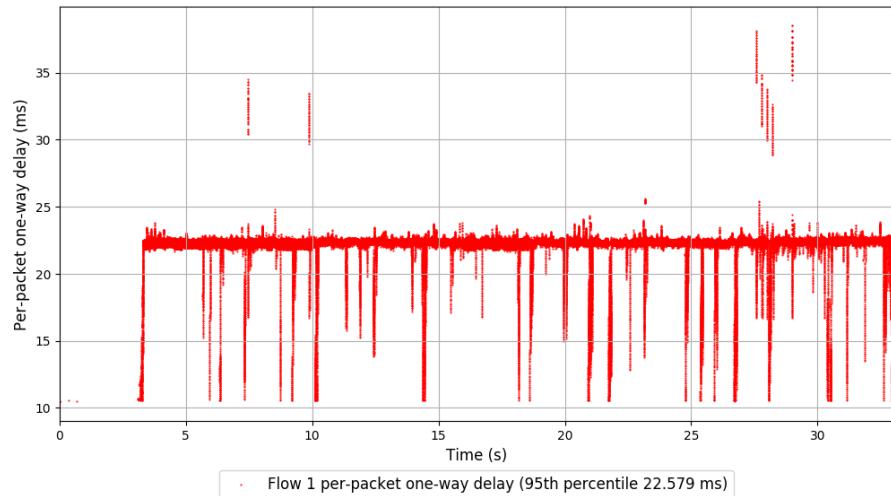
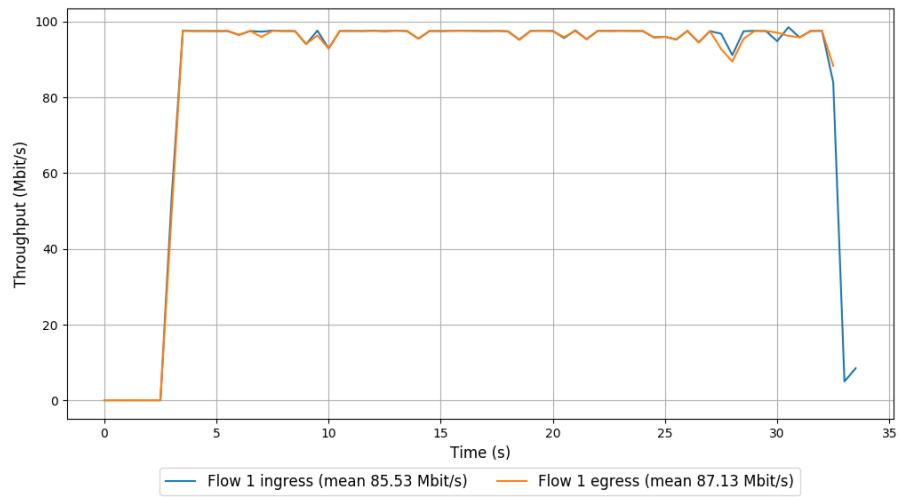


Run 3: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:15:05 +0000
End at: Tue, 04 Jul 2017 05:15:35 +0000
Local clock offset: 3.93 ms
Remote clock offset: -16.913 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 22.579 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 22.579 ms
Loss rate: 0.41%
```

Run 3: Report of Verus — Data Link

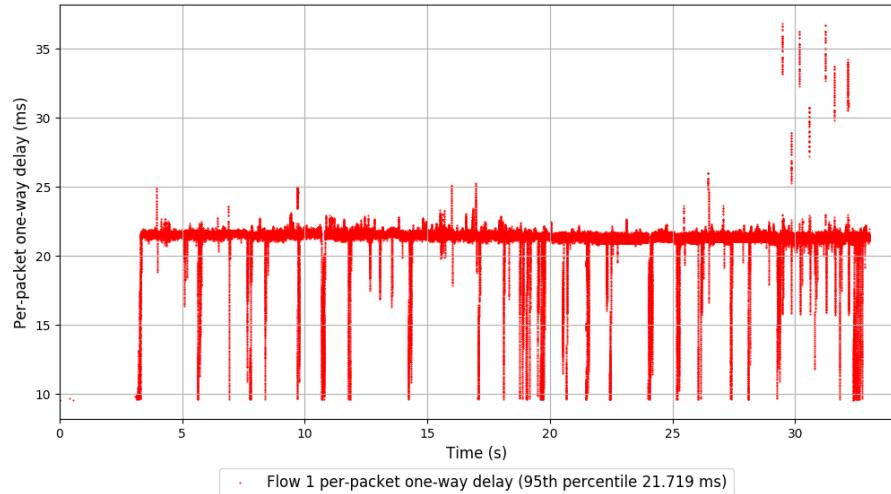
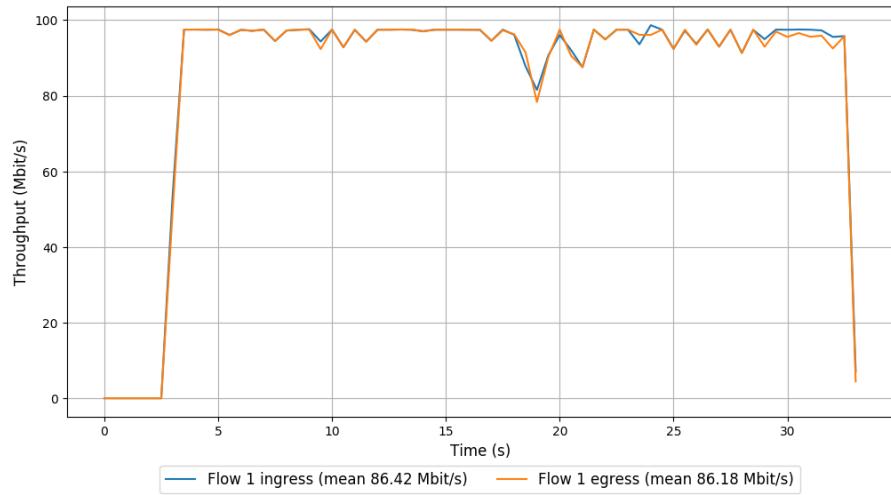


Run 4: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:33:13 +0000
End at: Tue, 04 Jul 2017 05:33:43 +0000
Local clock offset: 0.624 ms
Remote clock offset: -19.372 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:46:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.18 Mbit/s
95th percentile per-packet one-way delay: 21.719 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 86.18 Mbit/s
95th percentile per-packet one-way delay: 21.719 ms
Loss rate: 0.36%
```

Run 4: Report of Verus — Data Link

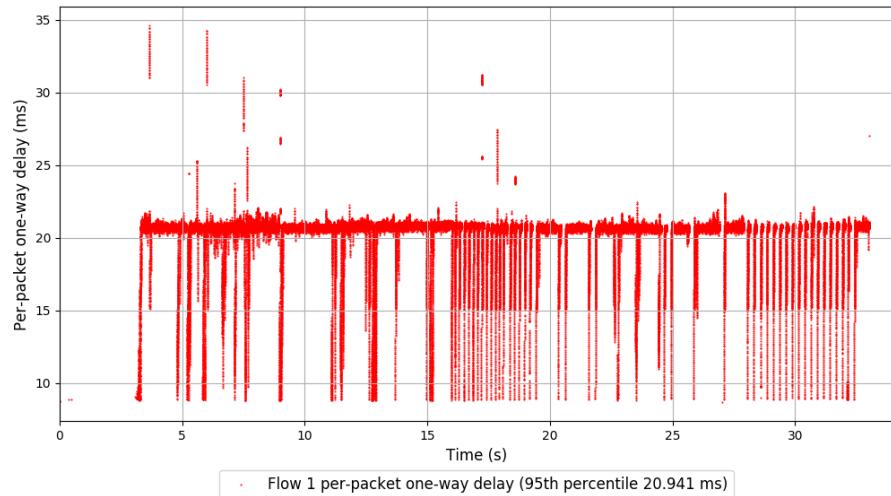
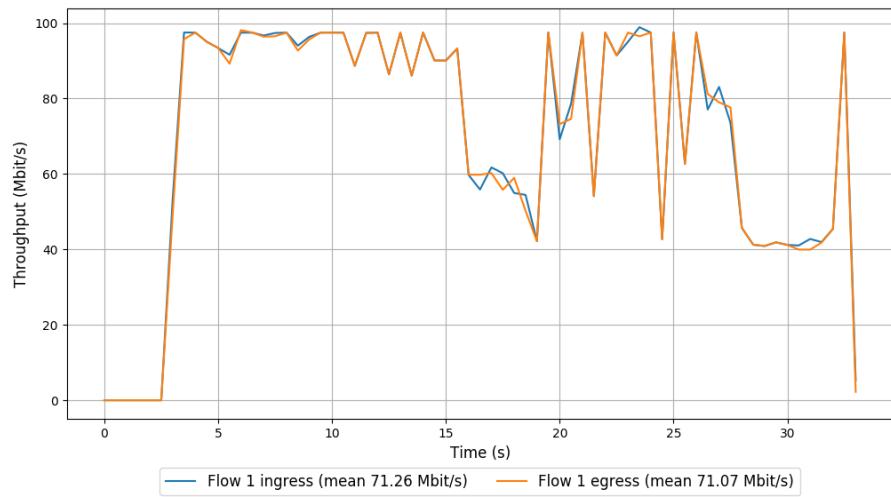


Run 5: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:50:46 +0000
End at: Tue, 04 Jul 2017 05:51:16 +0000
Local clock offset: 1.486 ms
Remote clock offset: -20.489 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 20.941 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 20.941 ms
Loss rate: 0.33%
```

Run 5: Report of Verus — Data Link

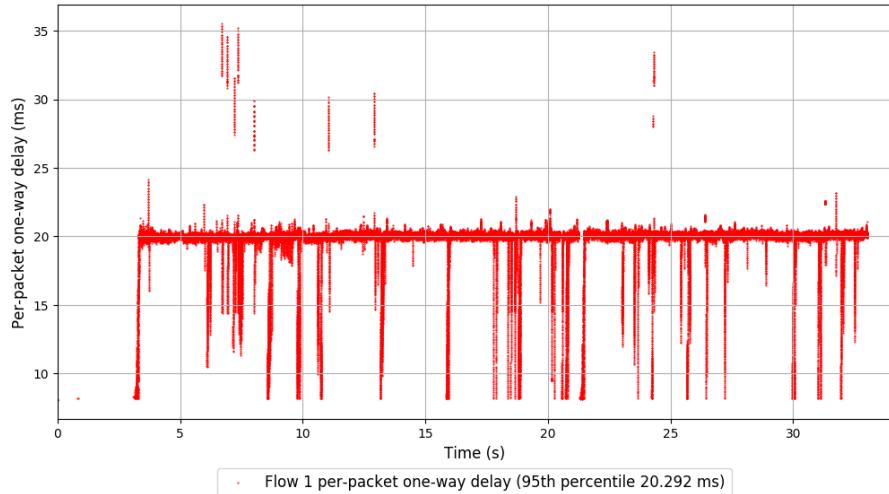
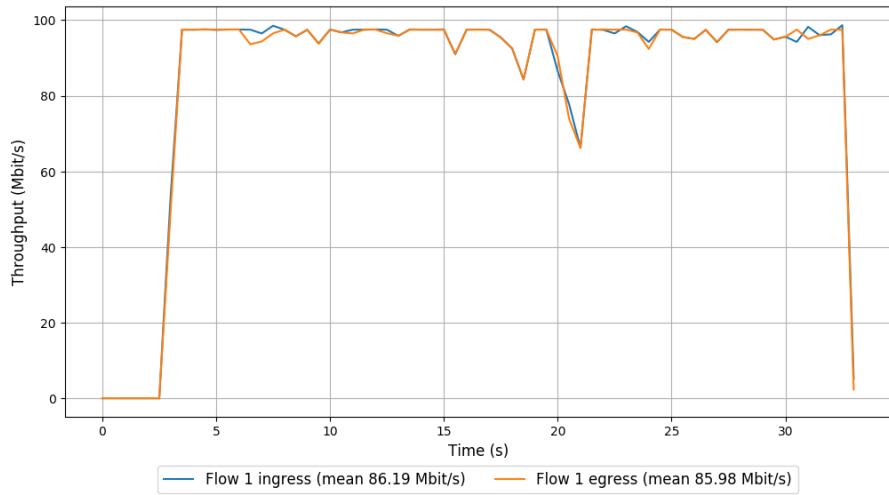


Run 6: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:08:01 +0000
End at: Tue, 04 Jul 2017 06:08:31 +0000
Local clock offset: 3.193 ms
Remote clock offset: -20.685 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 20.292 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 20.292 ms
Loss rate: 0.33%
```

Run 6: Report of Verus — Data Link

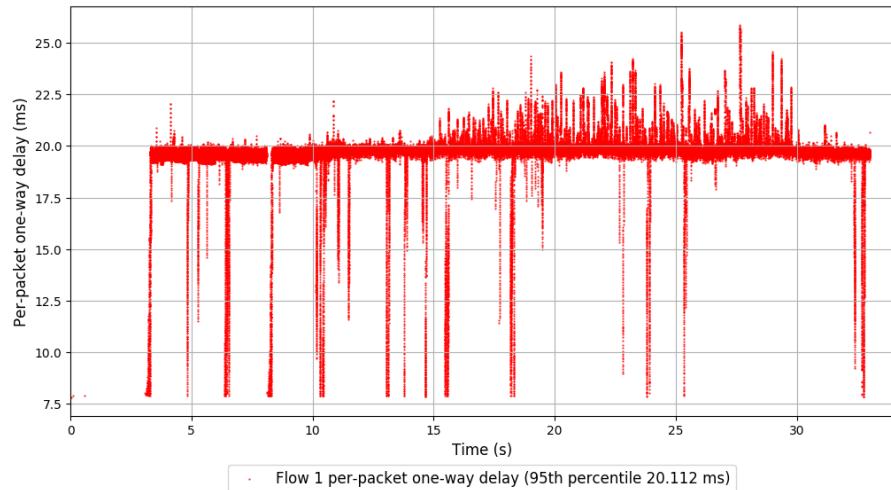
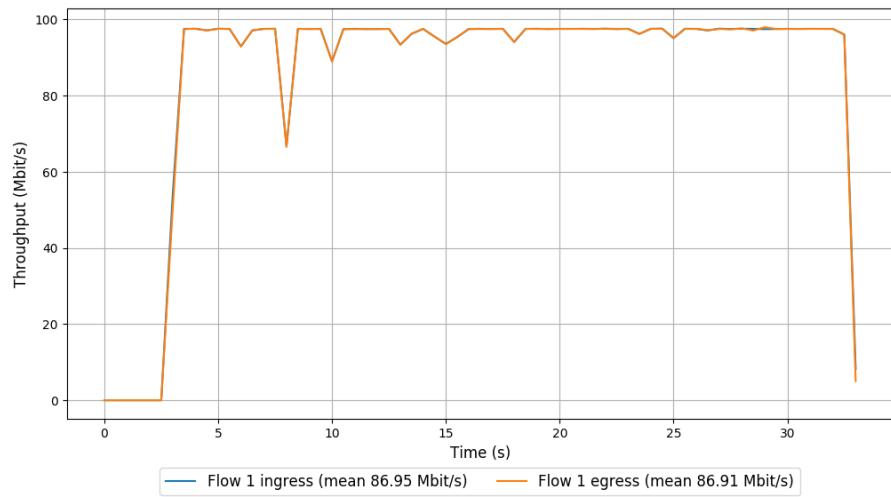


Run 7: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:25:26 +0000
End at: Tue, 04 Jul 2017 06:25:56 +0000
Local clock offset: 4.073 ms
Remote clock offset: -21.587 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 20.112 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 20.112 ms
Loss rate: 0.12%
```

Run 7: Report of Verus — Data Link

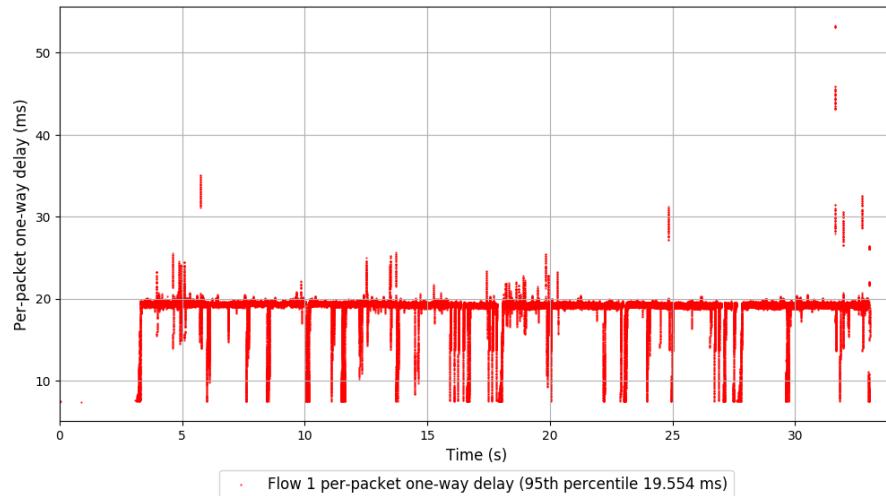
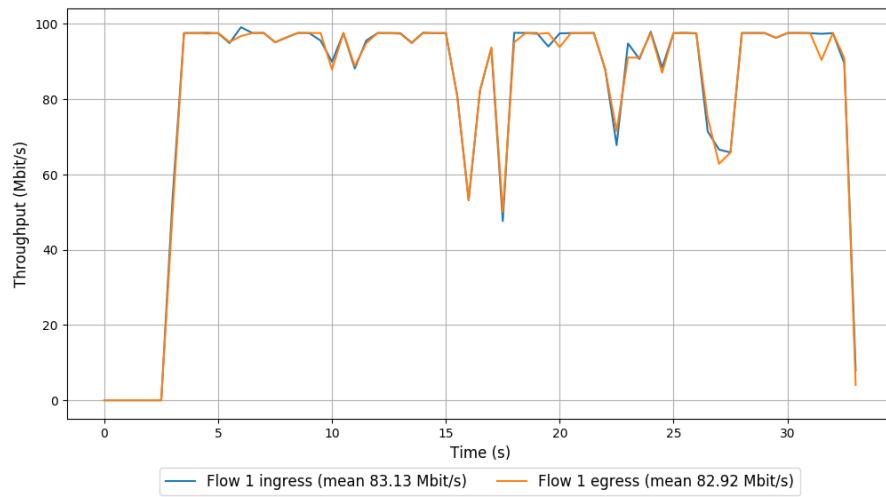


Run 8: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:43:00 +0000
End at: Tue, 04 Jul 2017 06:43:30 +0000
Local clock offset: 4.378 ms
Remote clock offset: -20.821 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 0.32%
```

Run 8: Report of Verus — Data Link

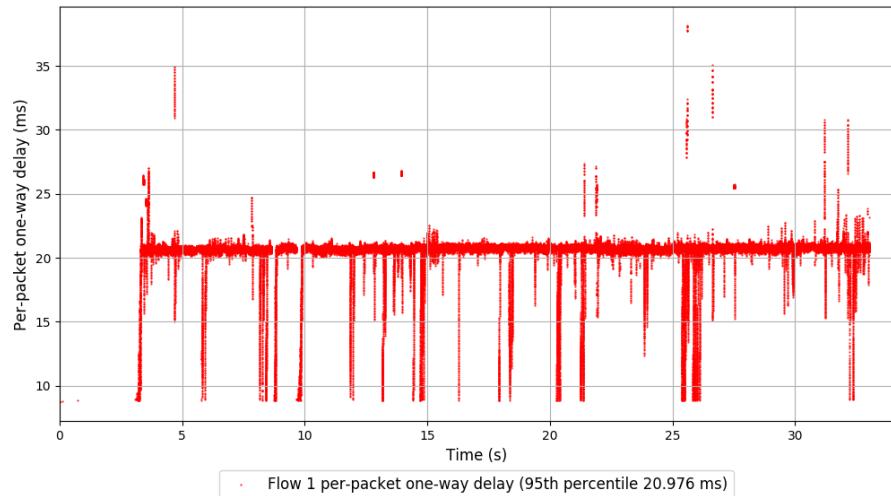
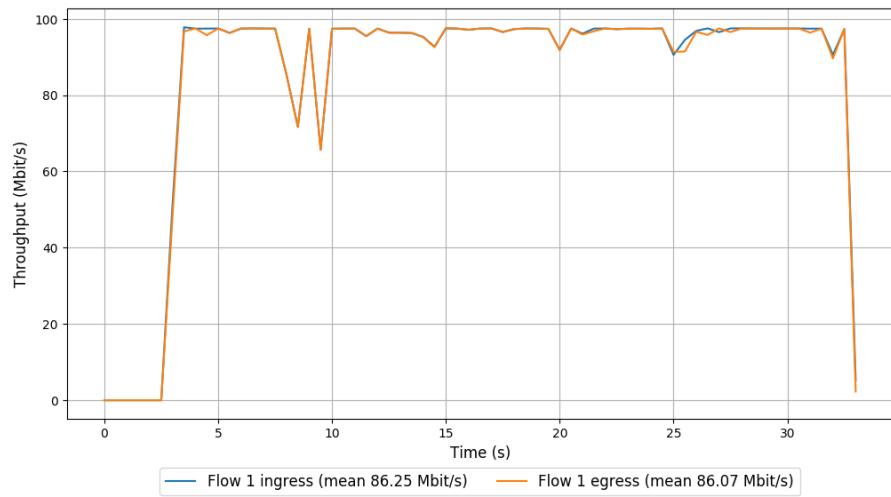


Run 9: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 07:00:41 +0000
End at: Tue, 04 Jul 2017 07:01:11 +0000
Local clock offset: 3.254 ms
Remote clock offset: -21.058 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 20.976 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 20.976 ms
Loss rate: 0.28%
```

Run 9: Report of Verus — Data Link

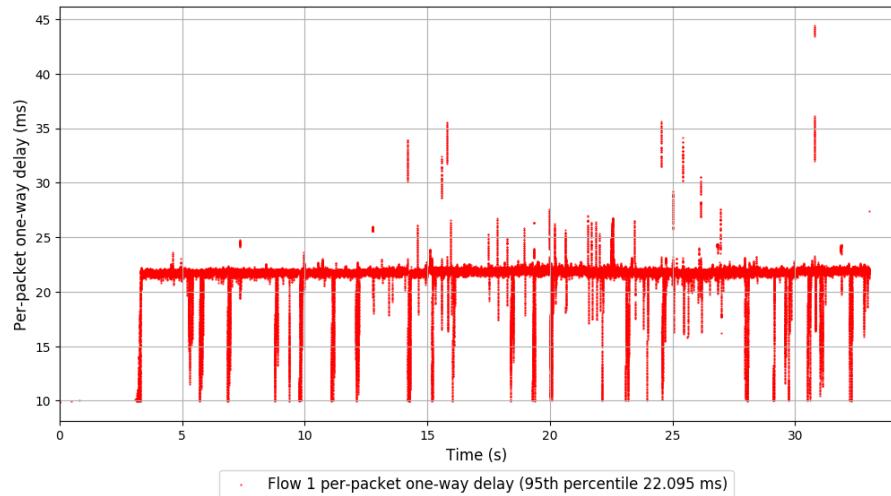
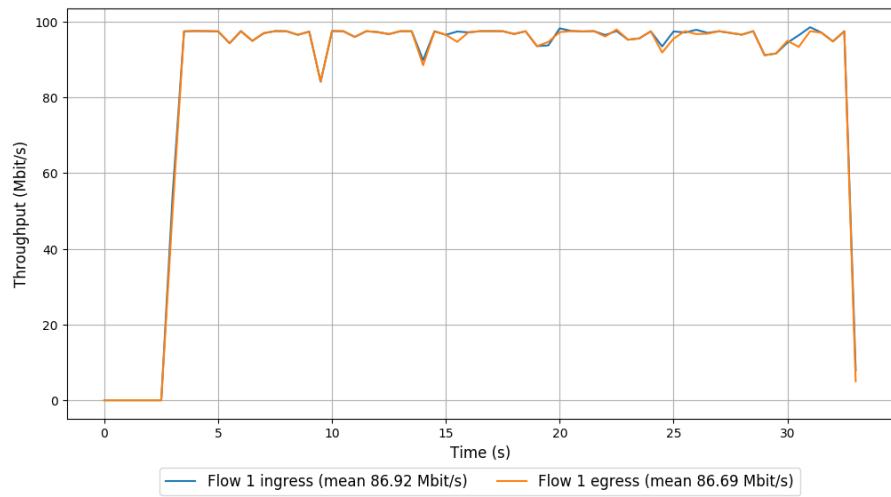


Run 10: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 07:18:16 +0000
End at: Tue, 04 Jul 2017 07:18:46 +0000
Local clock offset: 3.004 ms
Remote clock offset: -18.553 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 0.34%
```

Run 10: Report of Verus — Data Link

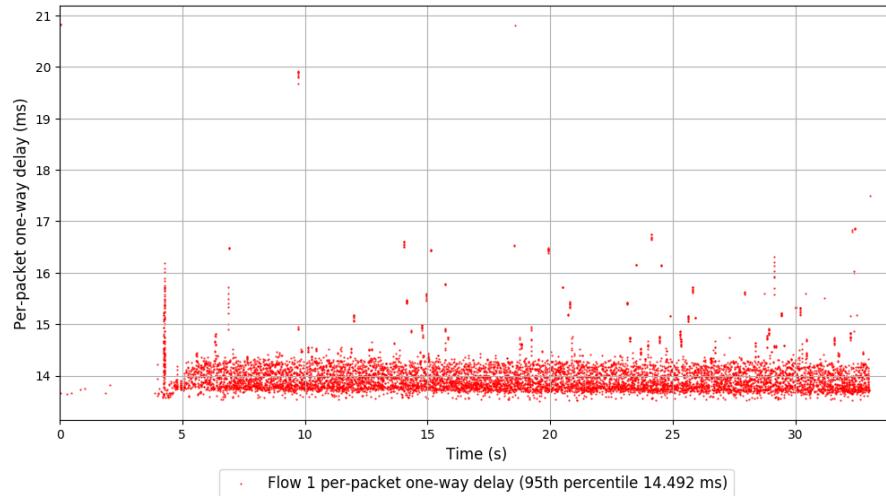
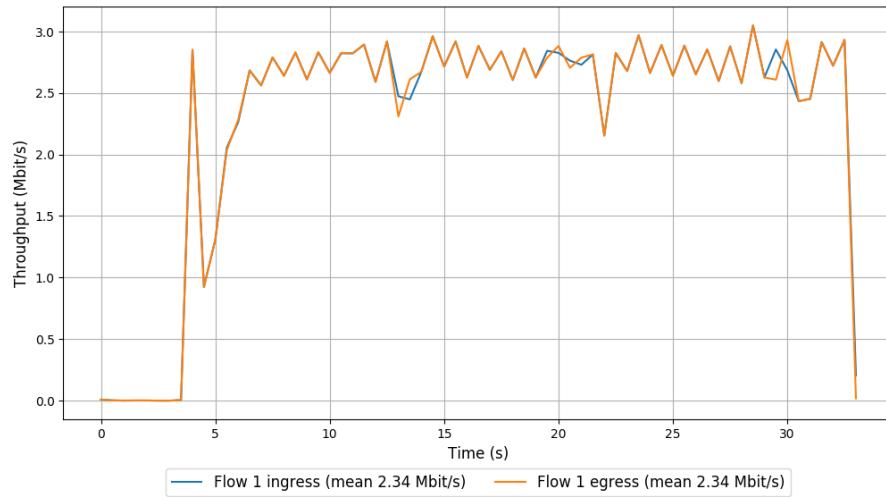


```
Run 1: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 04:35:53 +0000
End at: Tue, 04 Jul 2017 04:36:23 +0000
Local clock offset: 0.888 ms
Remote clock offset: -15.254 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 14.492 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 14.492 ms
Loss rate: 0.12%
```

Run 1: Report of WebRTC media — Data Link

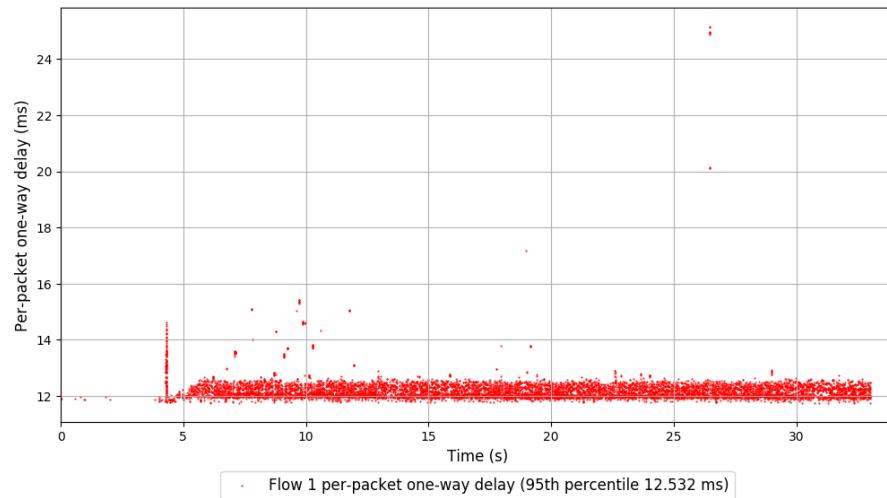
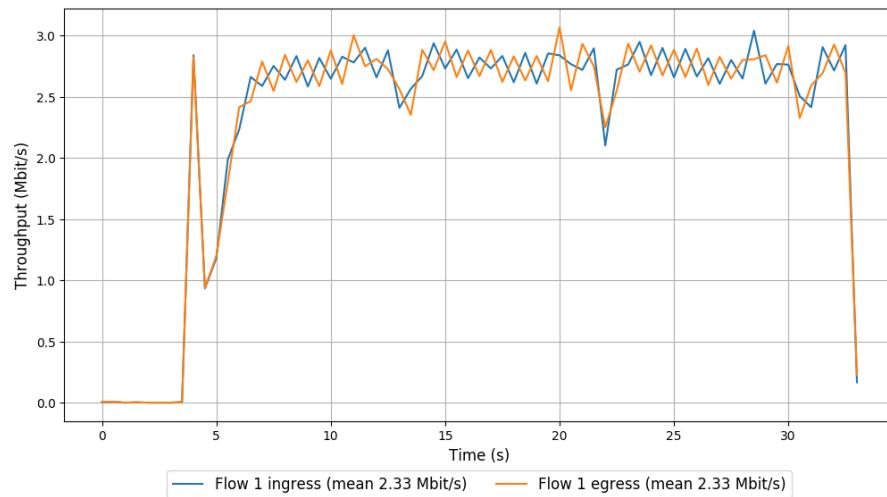


```
Run 2: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 04:55:10 +0000
End at: Tue, 04 Jul 2017 04:55:40 +0000
Local clock offset: 1.631 ms
Remote clock offset: -17.043 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 12.532 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 12.532 ms
Loss rate: 0.11%
```

Run 2: Report of WebRTC media — Data Link

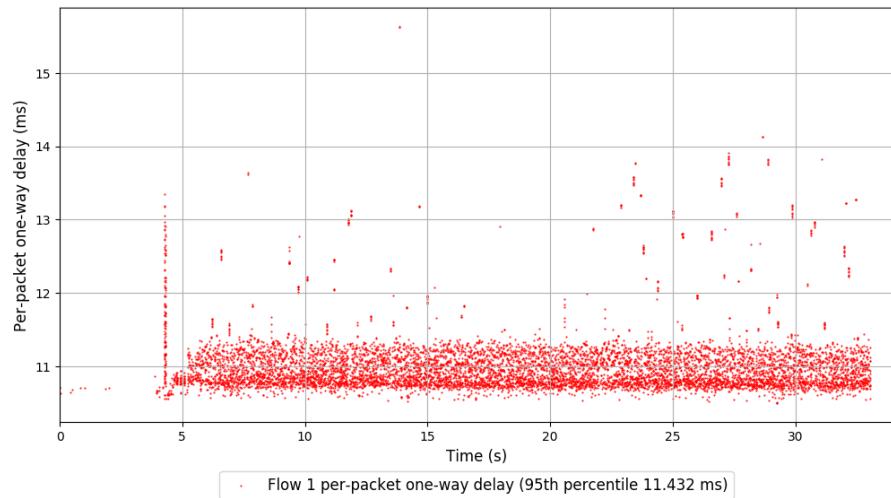
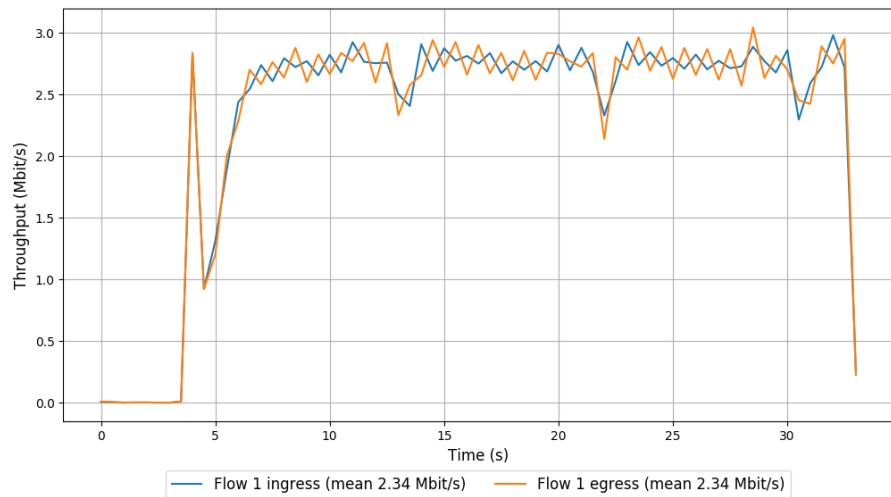


```
Run 3: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:12:51 +0000
End at: Tue, 04 Jul 2017 05:13:21 +0000
Local clock offset: 3.349 ms
Remote clock offset: -16.127 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.432 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

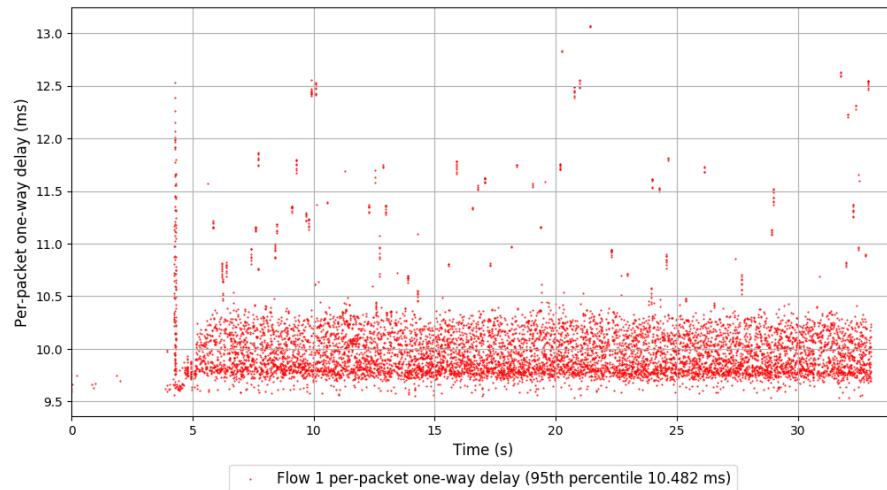
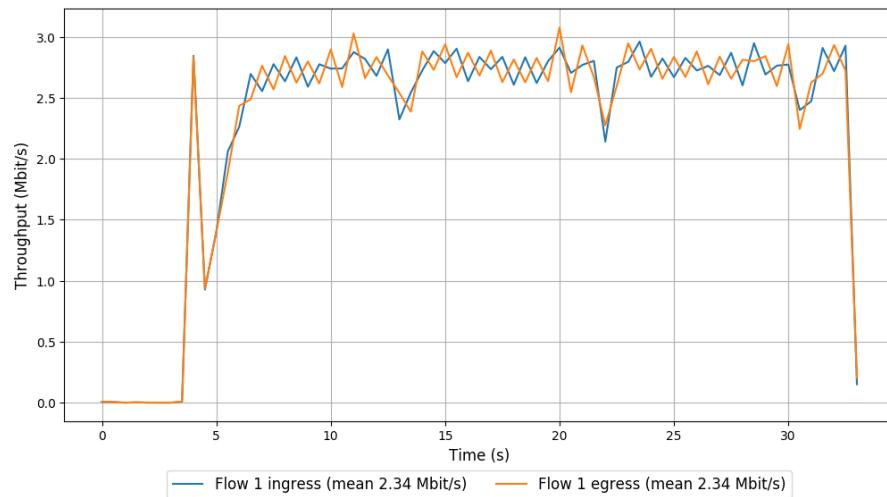


Run 4: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 05:30:59 +0000
End at: Tue, 04 Jul 2017 05:31:29 +0000
Local clock offset: 1.573 ms
Remote clock offset: -20.652 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.482 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.482 ms
Loss rate: 0.10%
```

Run 4: Report of WebRTC media — Data Link

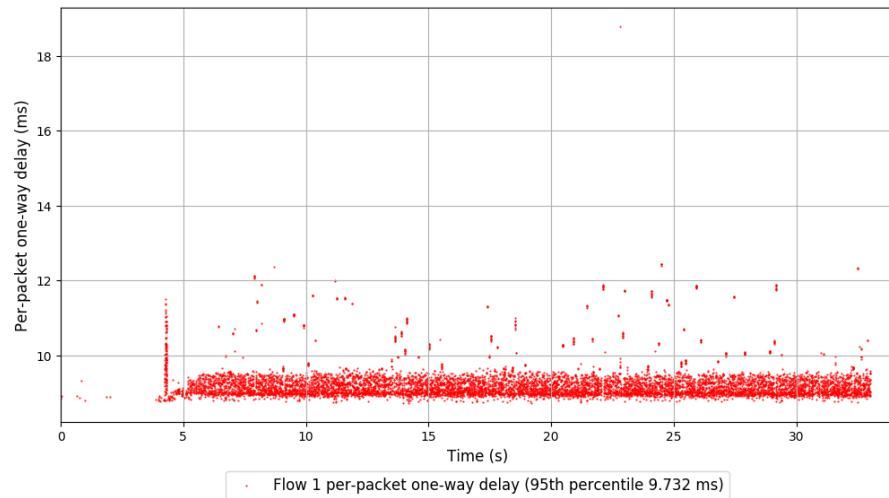
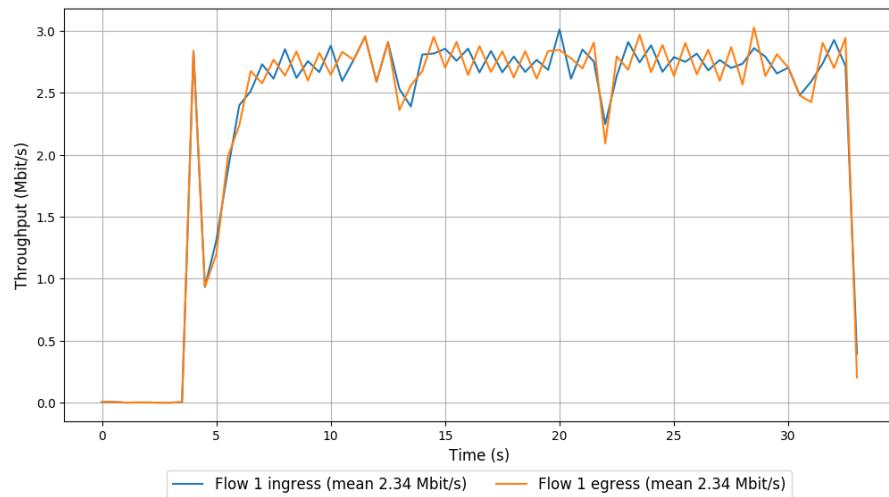


Run 5: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 05:48:30 +0000
End at: Tue, 04 Jul 2017 05:49:00 +0000
Local clock offset: 3.503 ms
Remote clock offset: -20.385 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.732 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.732 ms
Loss rate: 0.12%
```

Run 5: Report of WebRTC media — Data Link

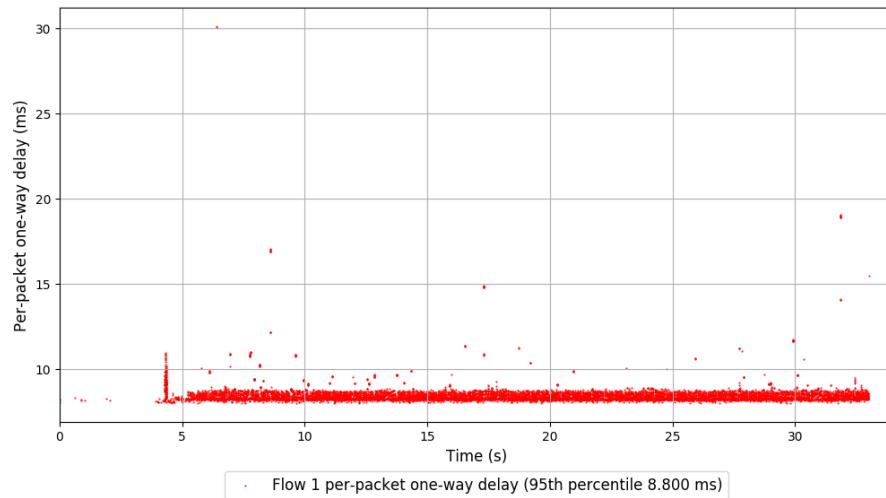
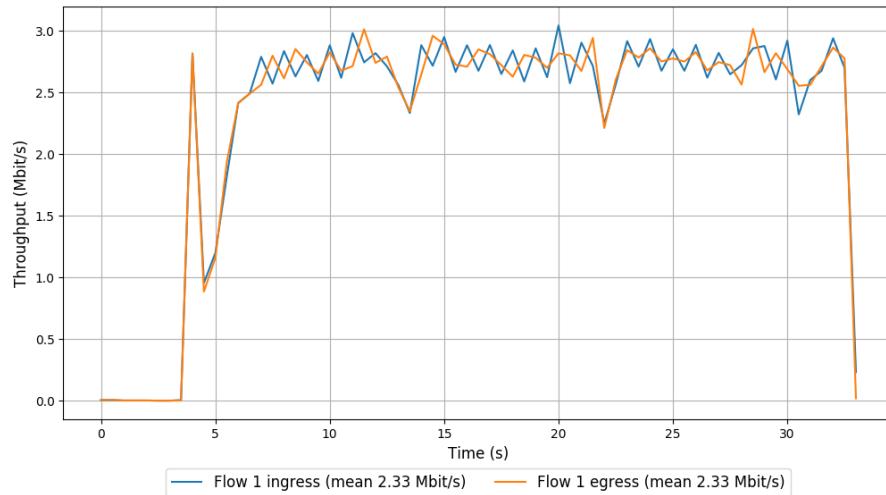


Run 6: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 06:05:47 +0000
End at: Tue, 04 Jul 2017 06:06:17 +0000
Local clock offset: 3.11 ms
Remote clock offset: -21.503 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 8.800 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 8.800 ms
Loss rate: 0.14%
```

Run 6: Report of WebRTC media — Data Link

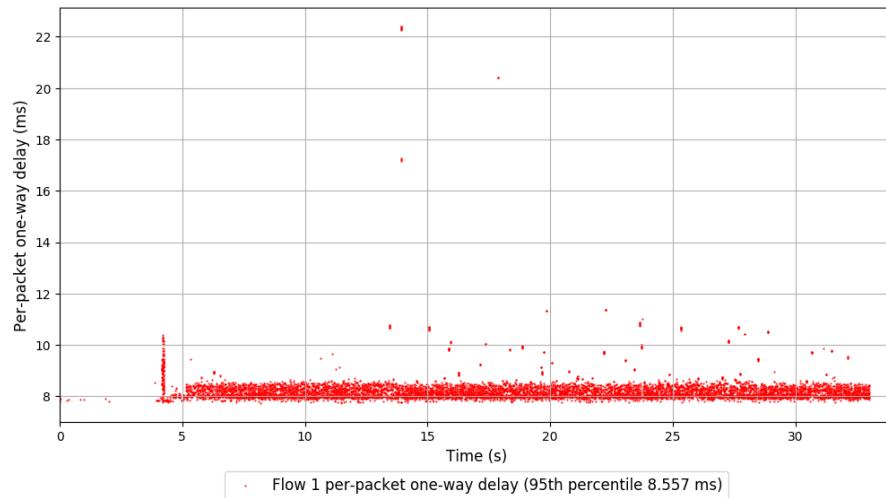
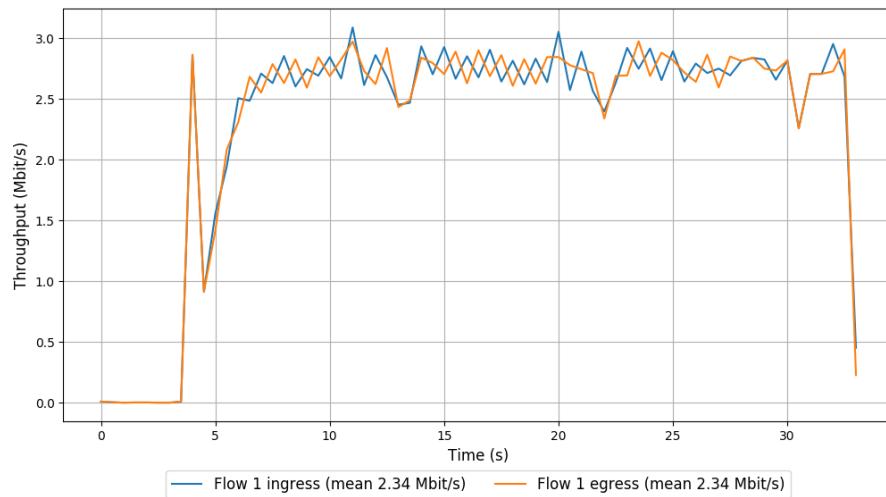


Run 7: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 06:23:13 +0000
End at: Tue, 04 Jul 2017 06:23:43 +0000
Local clock offset: 1.602 ms
Remote clock offset: -19.526 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 8.557 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 8.557 ms
Loss rate: 0.15%
```

Run 7: Report of WebRTC media — Data Link

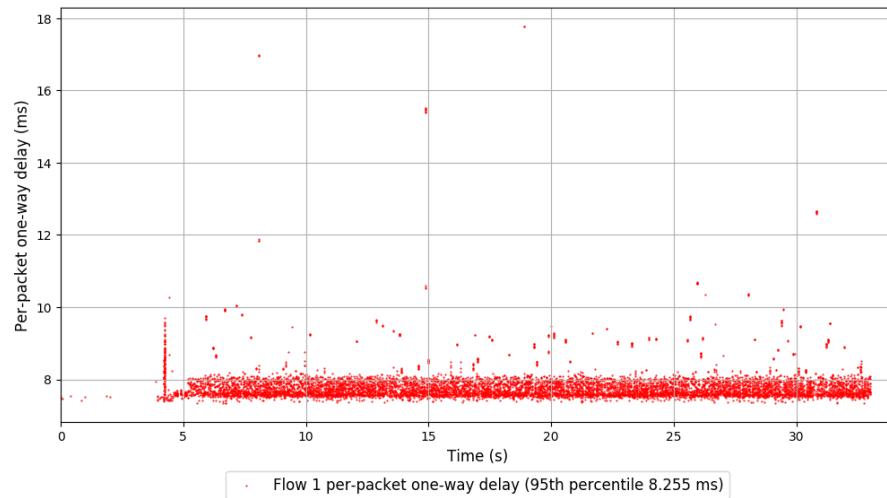
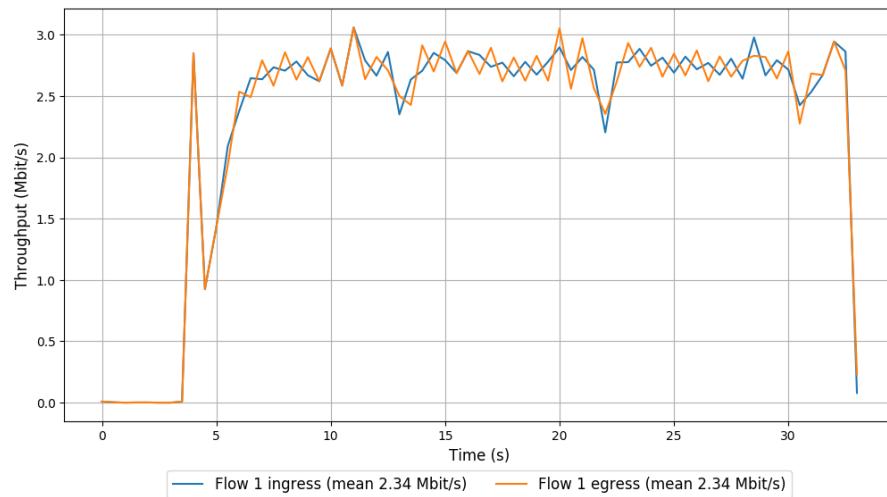


```
Run 8: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:40:45 +0000
End at: Tue, 04 Jul 2017 06:41:15 +0000
Local clock offset: 3.612 ms
Remote clock offset: -20.351 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 8.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 8.255 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

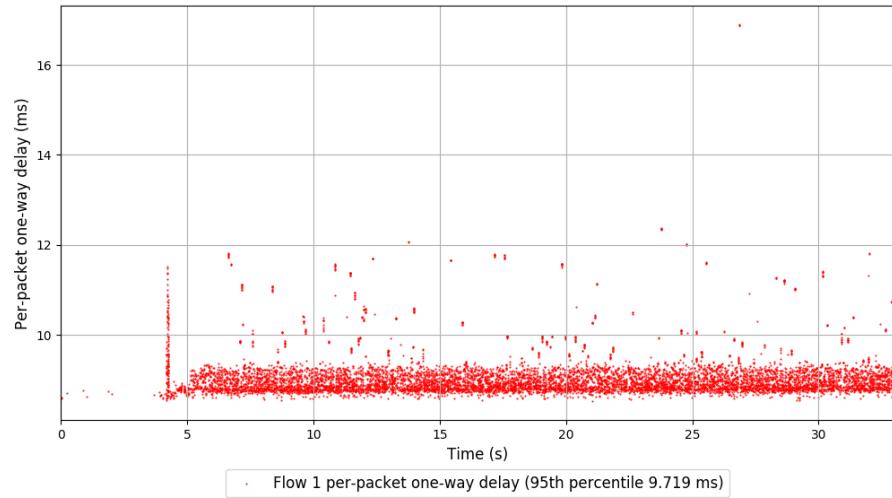
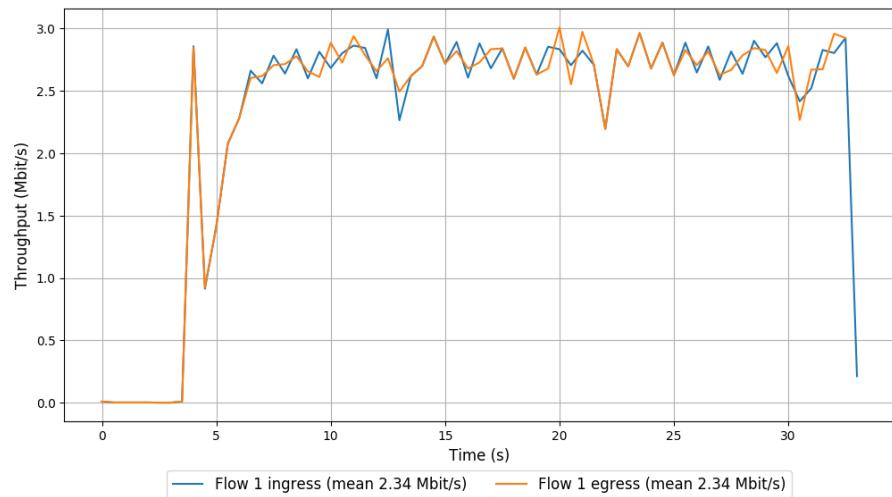


```
Run 9: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:58:28 +0000
End at: Tue, 04 Jul 2017 06:58:58 +0000
Local clock offset: 3.81 ms
Remote clock offset: -20.111 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.719 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.719 ms
Loss rate: 0.14%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 07:16:01 +0000
End at: Tue, 04 Jul 2017 07:16:31 +0000
Local clock offset: 1.632 ms
Remote clock offset: -16.894 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:47:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.786 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

