

Pantheon Summary (Generated at Wed, 05 Jul 2017 13:42:33 +0000 with
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

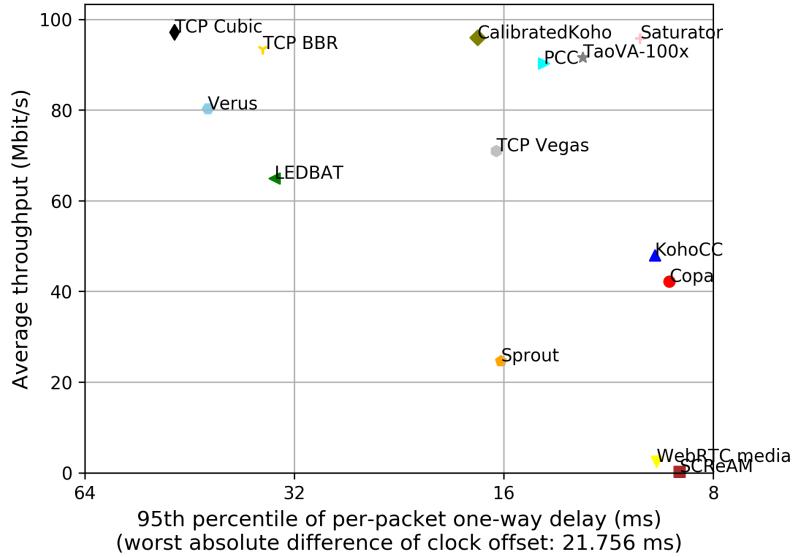
Each test lasted for 30 seconds running 1 flow.

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

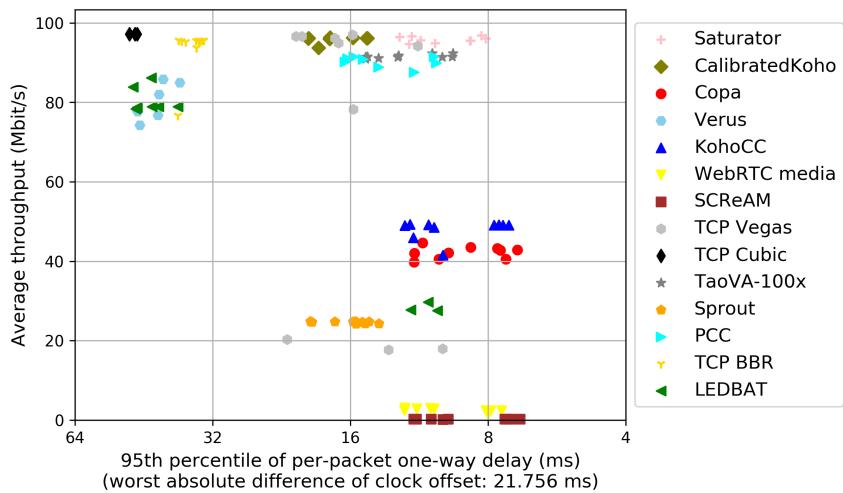
NTP offset measured against nets.org.sg.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

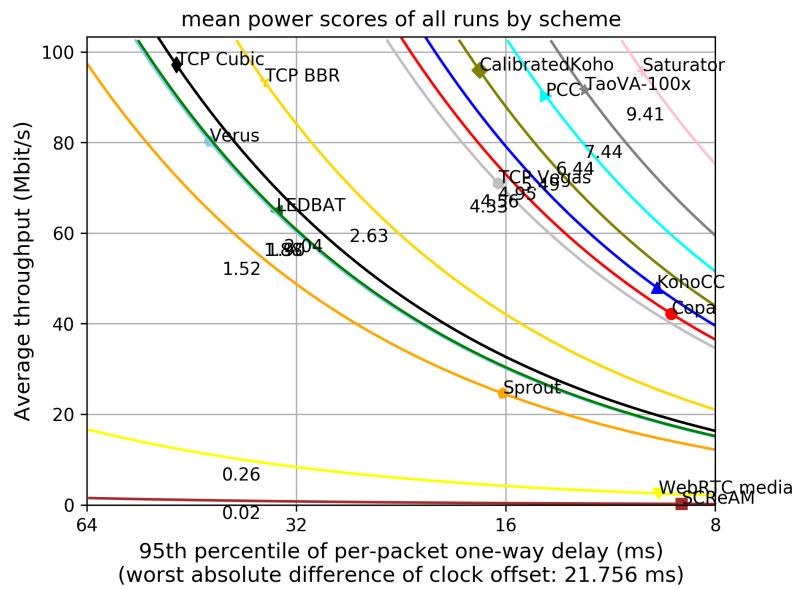
test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



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



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

```
Start at: Wed, 05 Jul 2017 07:15:05 +0000
```

```
End at: Wed, 05 Jul 2017 07:15:35 +0000
```

```
Local clock offset: 1.085 ms
```

```
Remote clock offset: -12.449 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 95.59 Mbit/s
```

```
95th percentile per-packet one-way delay: 33.453 ms
```

```
Loss rate: 0.19%
```

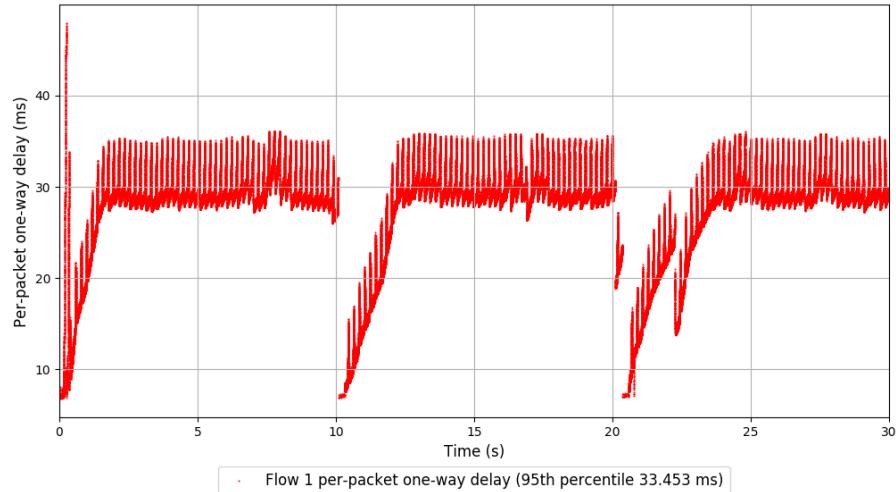
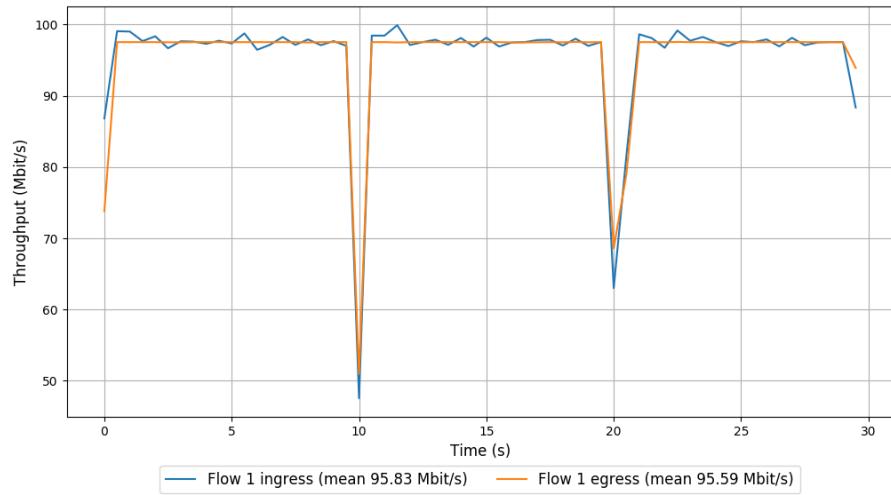
```
-- Flow 1:
```

```
Average throughput: 95.59 Mbit/s
```

```
95th percentile per-packet one-way delay: 33.453 ms
```

```
Loss rate: 0.19%
```

Run 1: Report of TCP BBR — Data Link

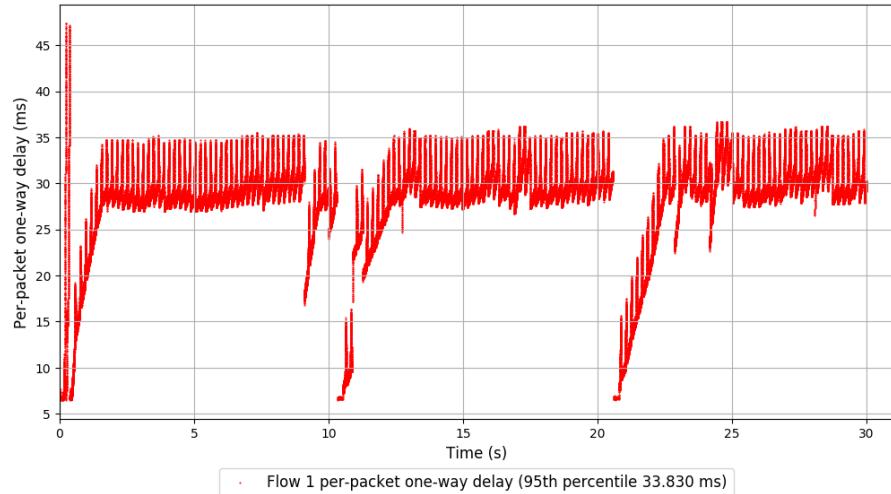
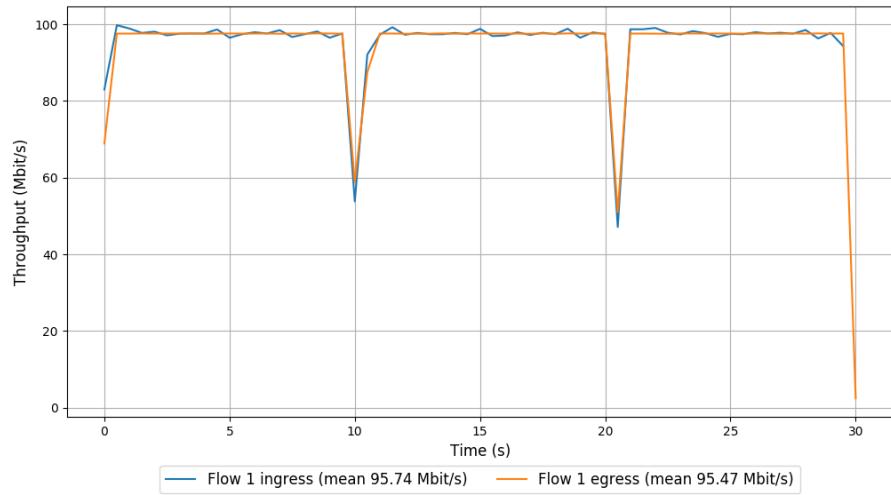


Run 2: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:32:37 +0000
End at: Wed, 05 Jul 2017 07:33:07 +0000
Local clock offset: 1.129 ms
Remote clock offset: -12.052 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 33.830 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 33.830 ms
Loss rate: 0.21%
```

Run 2: Report of TCP BBR — Data Link

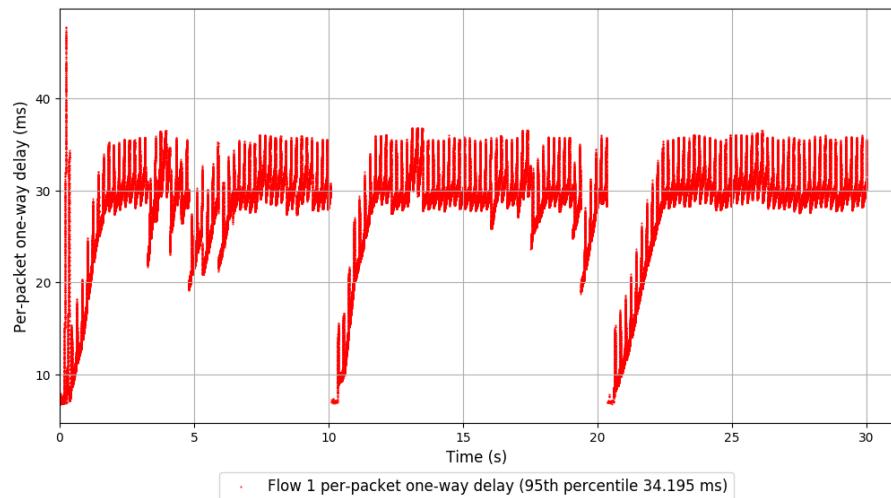
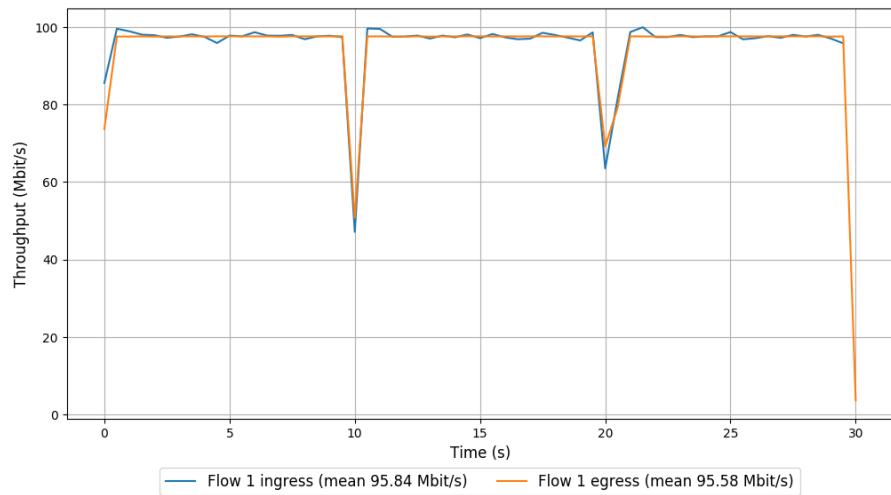


Run 3: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:50:04 +0000
End at: Wed, 05 Jul 2017 07:50:34 +0000
Local clock offset: 2.187 ms
Remote clock offset: -12.046 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 34.195 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 34.195 ms
Loss rate: 0.18%
```

Run 3: Report of TCP BBR — Data Link

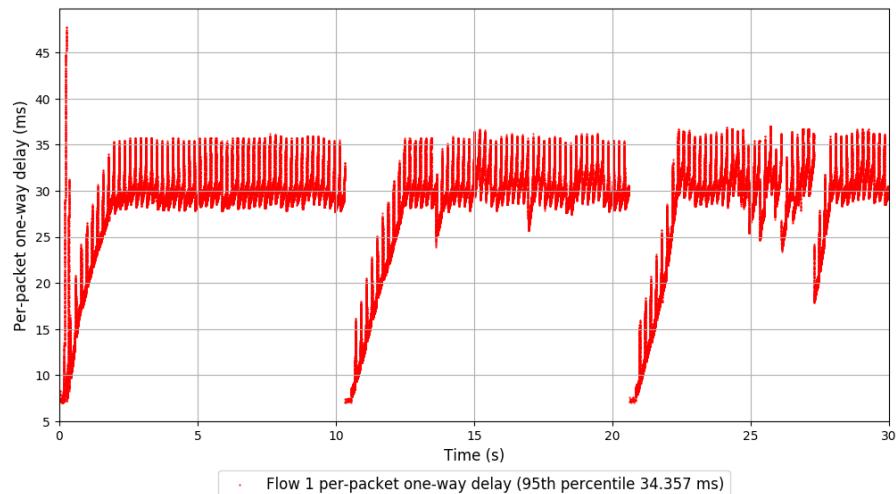
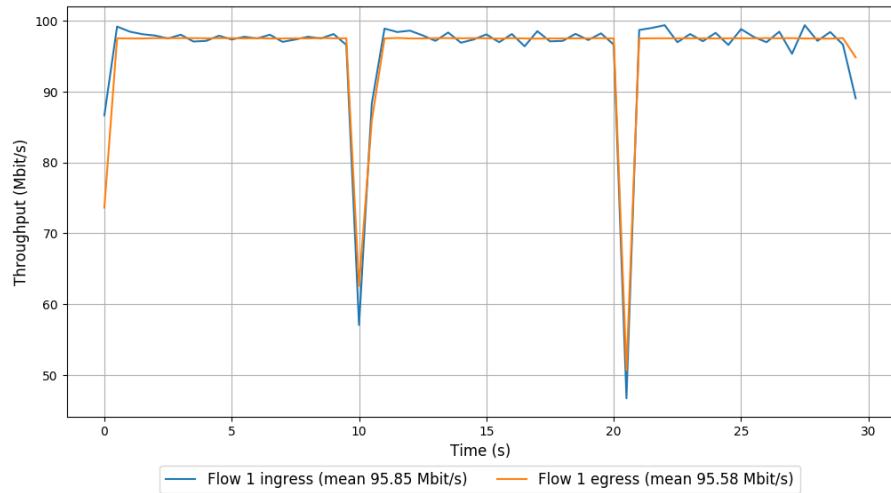


Run 4: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:07:35 +0000
End at: Wed, 05 Jul 2017 08:08:05 +0000
Local clock offset: -1.269 ms
Remote clock offset: -12.889 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 34.357 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 34.357 ms
Loss rate: 0.21%
```

Run 4: Report of TCP BBR — Data Link

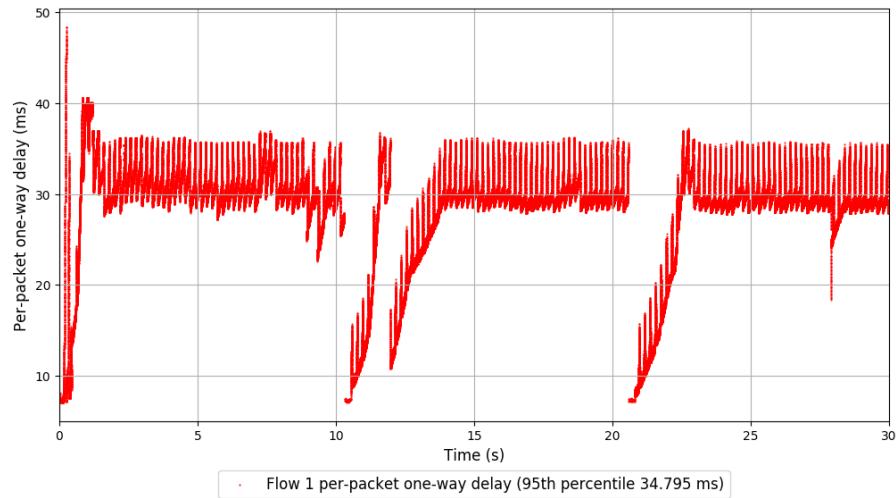
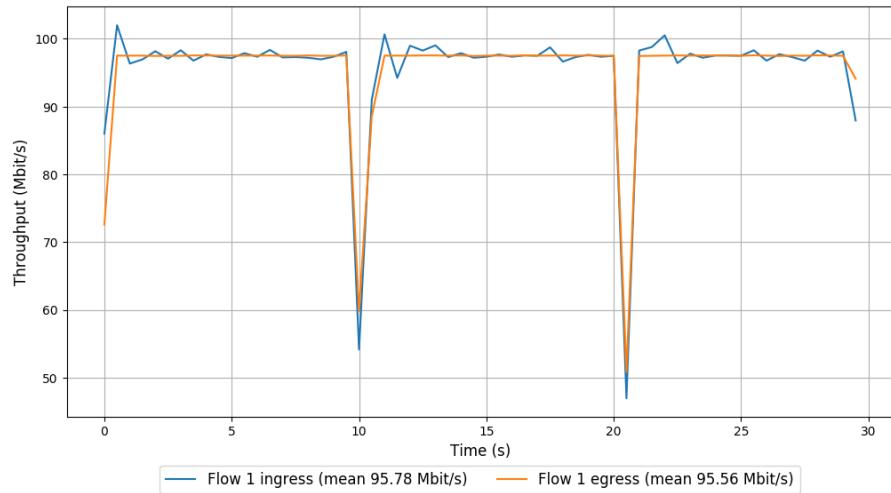


Run 5: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:24:59 +0000
End at: Wed, 05 Jul 2017 08:25:29 +0000
Local clock offset: 1.474 ms
Remote clock offset: -13.323 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 34.795 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 34.795 ms
Loss rate: 0.18%
```

Run 5: Report of TCP BBR — Data Link

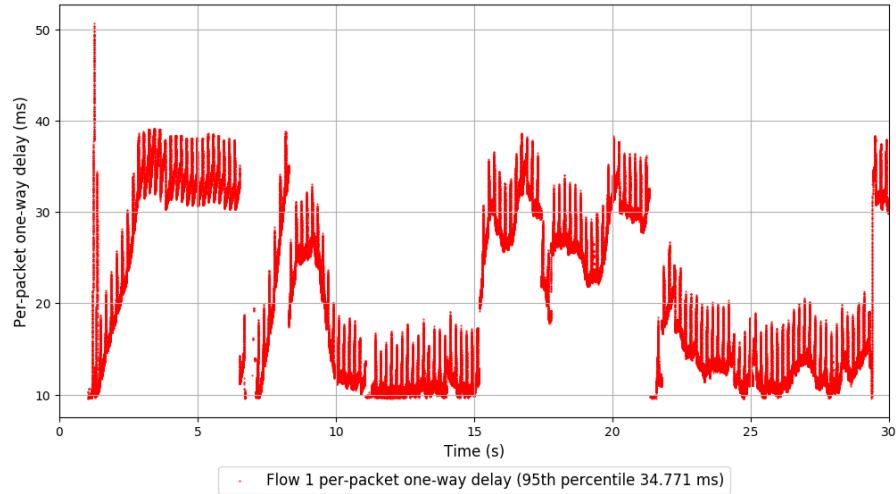
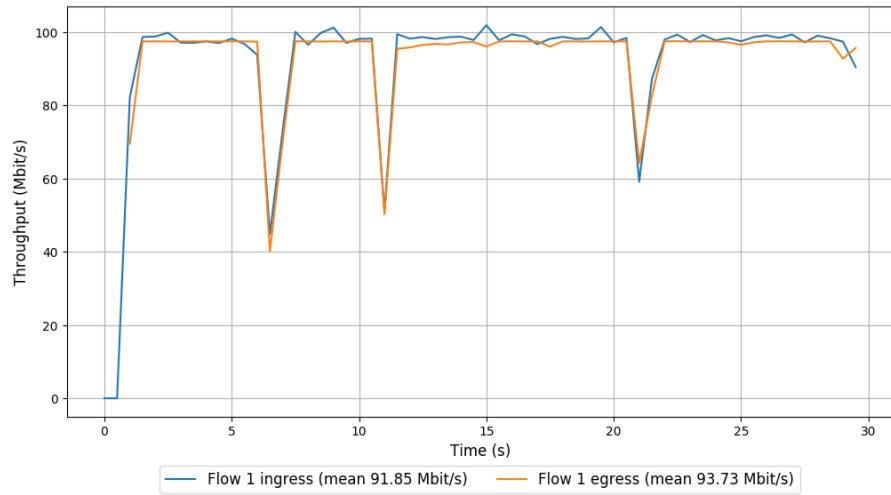


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:42:18 +0000
End at: Wed, 05 Jul 2017 08:42:48 +0000
Local clock offset: 2.602 ms
Remote clock offset: -15.356 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 34.771 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 34.771 ms
Loss rate: 1.37%
```

Run 6: Report of TCP BBR — Data Link

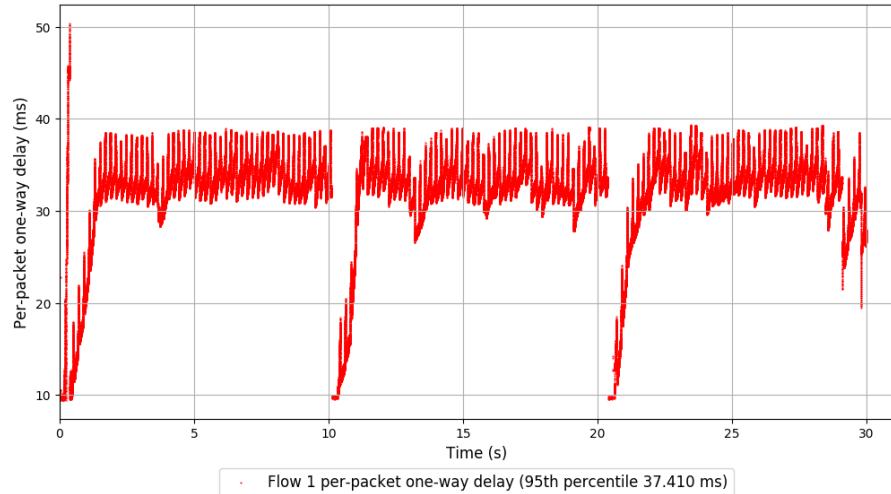
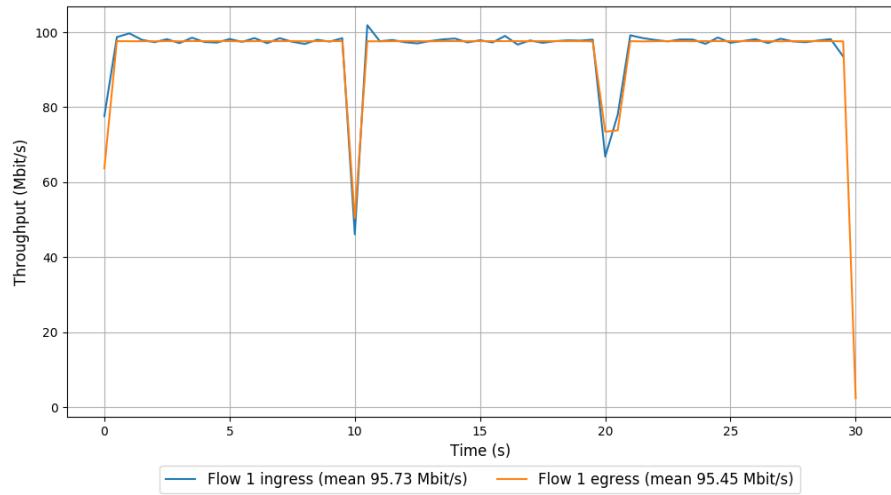


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:59:32 +0000
End at: Wed, 05 Jul 2017 09:00:02 +0000
Local clock offset: -0.257 ms
Remote clock offset: -15.659 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 37.410 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 37.410 ms
Loss rate: 0.28%
```

Run 7: Report of TCP BBR — Data Link

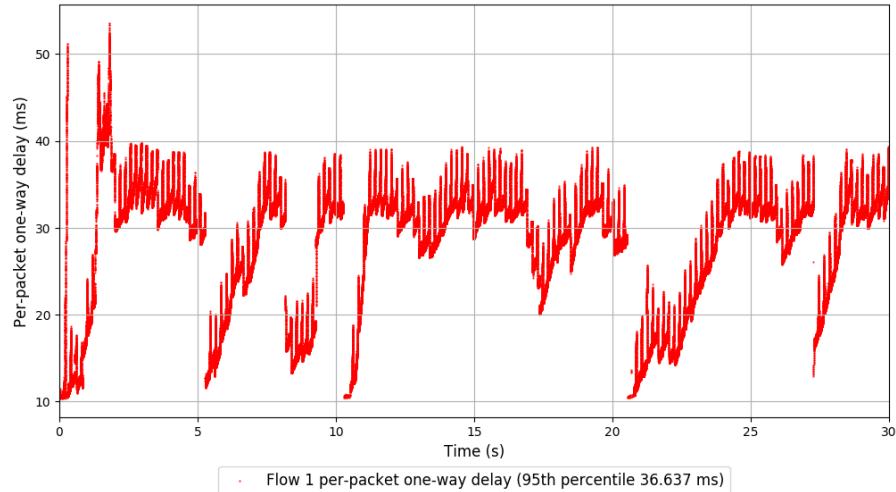
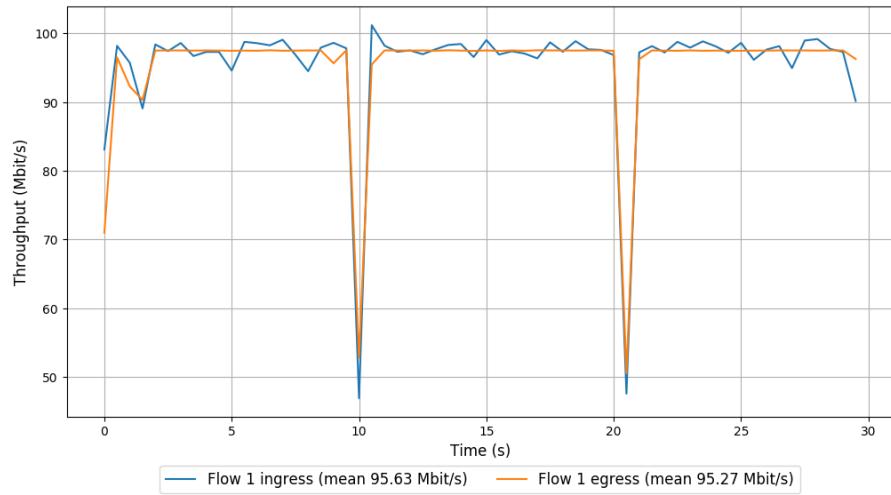


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:16:44 +0000
End at: Wed, 05 Jul 2017 09:17:14 +0000
Local clock offset: 3.861 ms
Remote clock offset: -15.654 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 36.637 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 36.637 ms
Loss rate: 0.30%
```

Run 8: Report of TCP BBR — Data Link

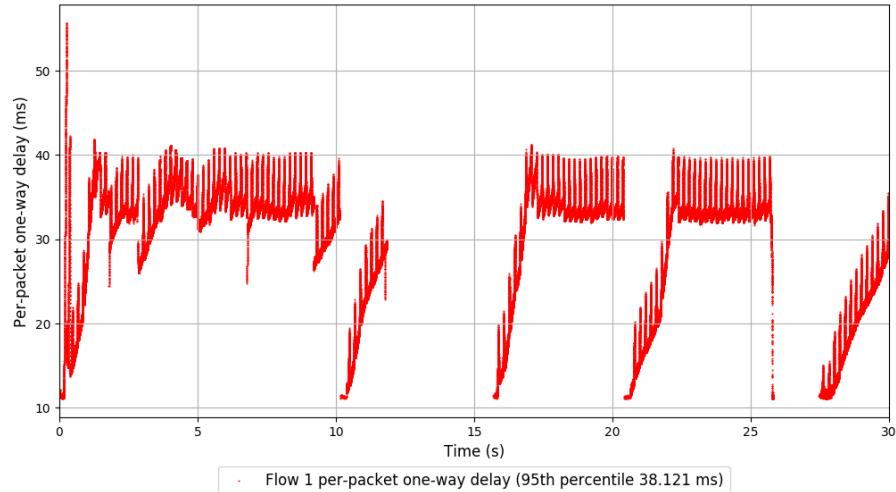
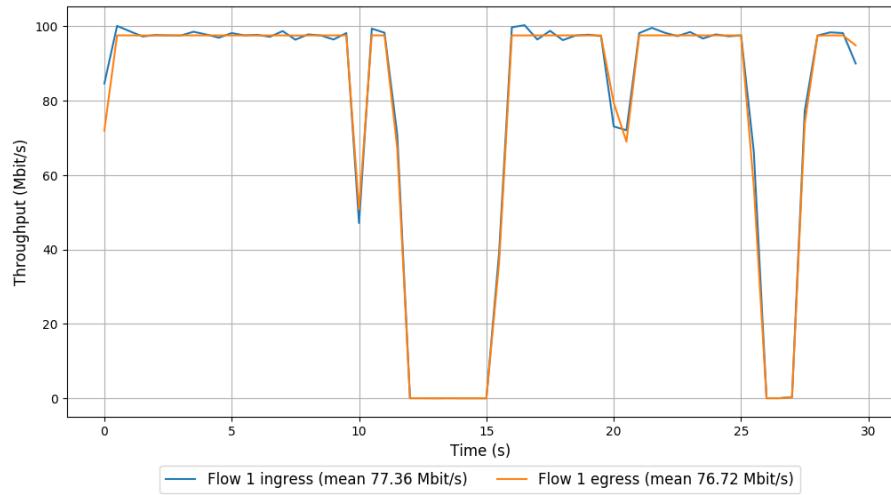


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:33:57 +0000
End at: Wed, 05 Jul 2017 09:34:27 +0000
Local clock offset: 0.853 ms
Remote clock offset: -17.373 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 38.121 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 38.121 ms
Loss rate: 0.76%
```

Run 9: Report of TCP BBR — Data Link

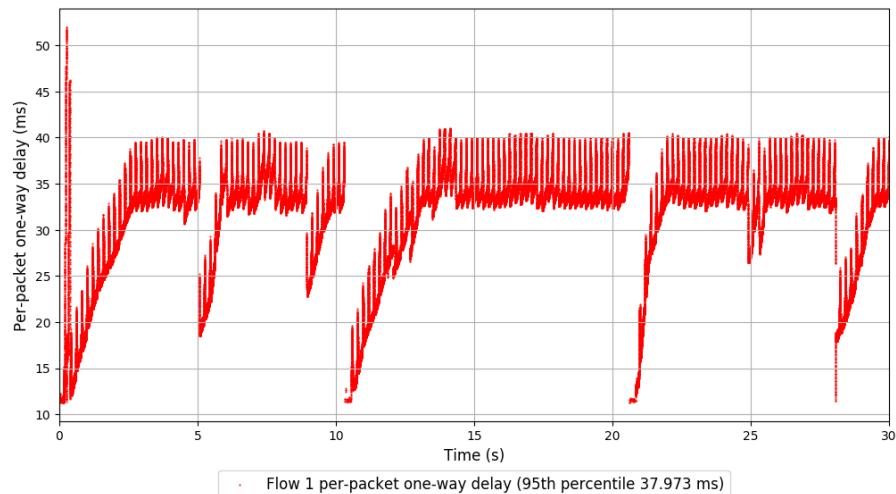
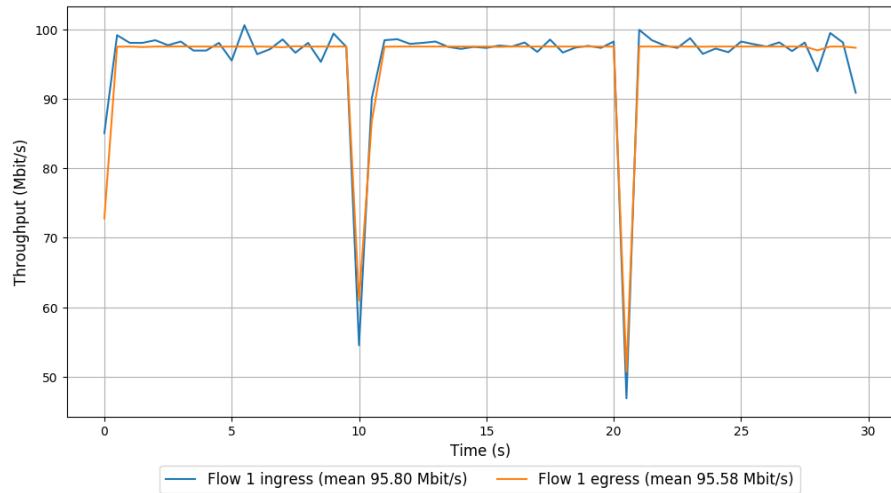


Run 10: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:51:35 +0000
End at: Wed, 05 Jul 2017 09:52:05 +0000
Local clock offset: 3.774 ms
Remote clock offset: -16.731 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 37.973 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 37.973 ms
Loss rate: 0.17%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:26:35 +0000
```

```
End at: Wed, 05 Jul 2017 07:27:05 +0000
```

```
Local clock offset: -1.197 ms
```

```
Remote clock offset: -12.907 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 96.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.701 ms
```

```
Loss rate: 0.00%
```

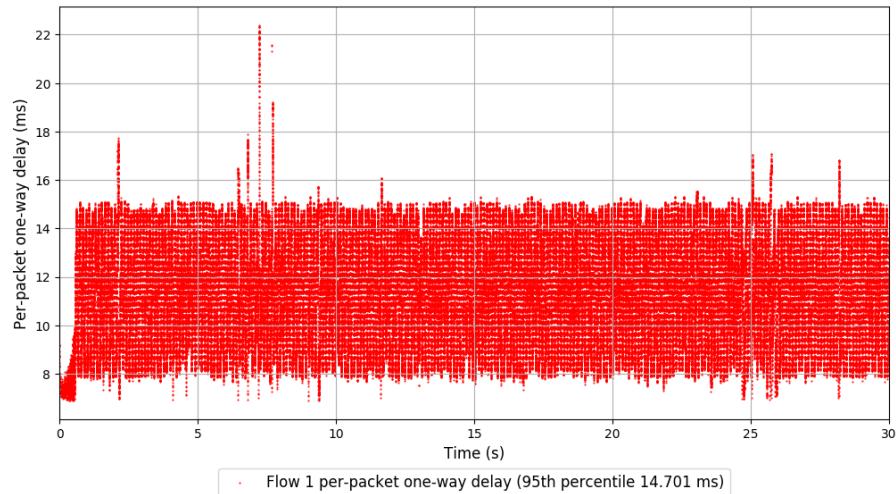
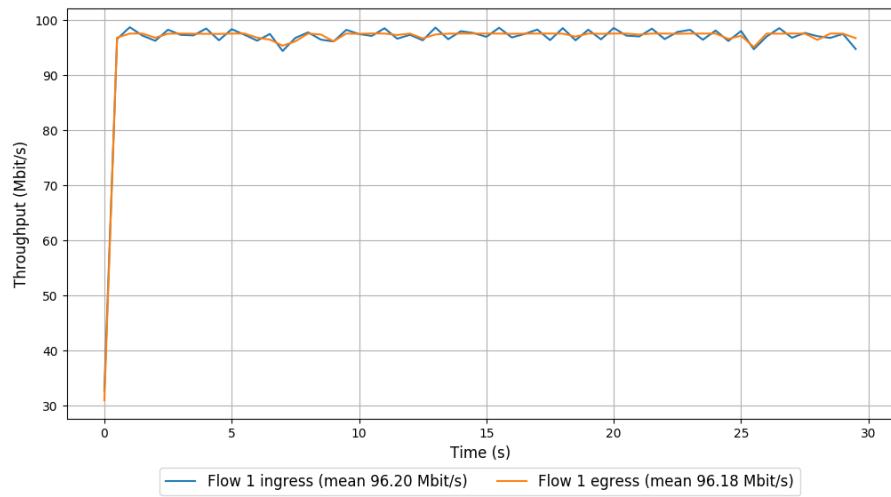
```
-- Flow 1:
```

```
Average throughput: 96.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 14.701 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

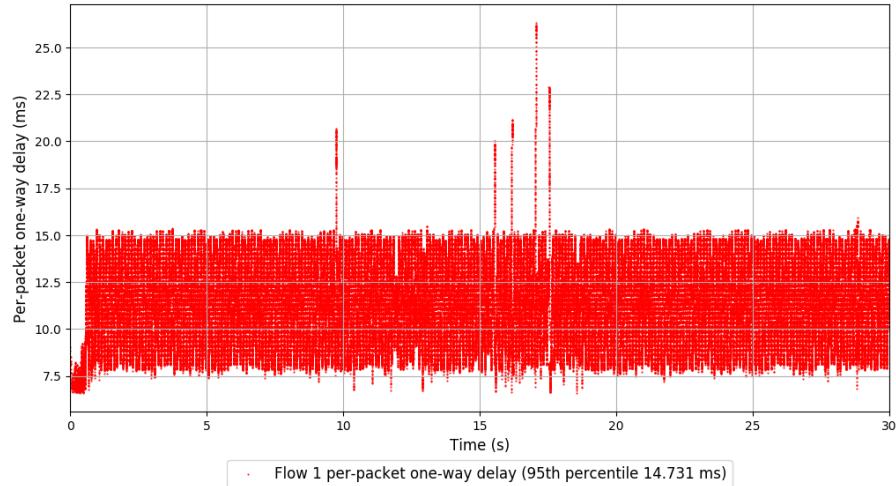
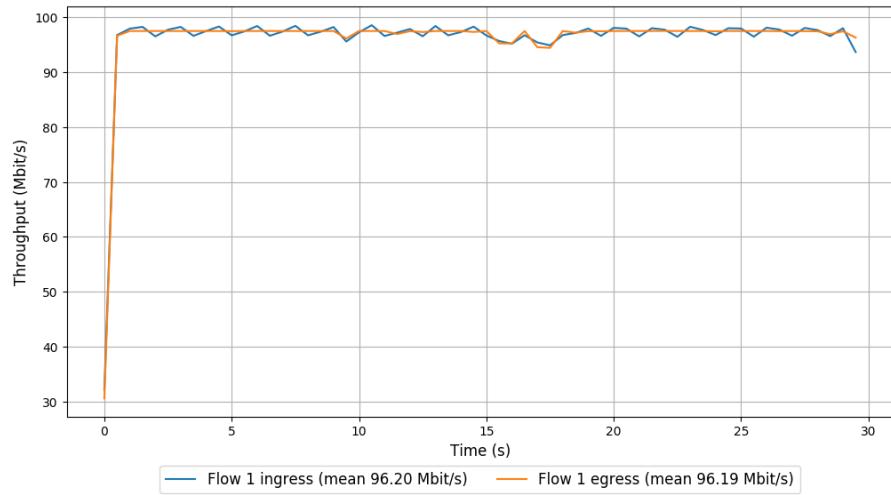


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 07:44:01 +0000
End at: Wed, 05 Jul 2017 07:44:31 +0000
Local clock offset: -1.592 ms
Remote clock offset: -11.778 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 14.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 14.731 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

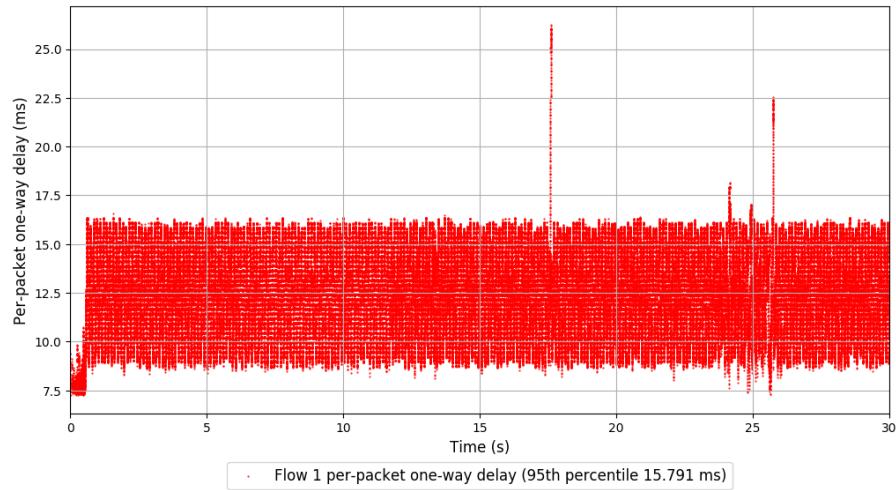
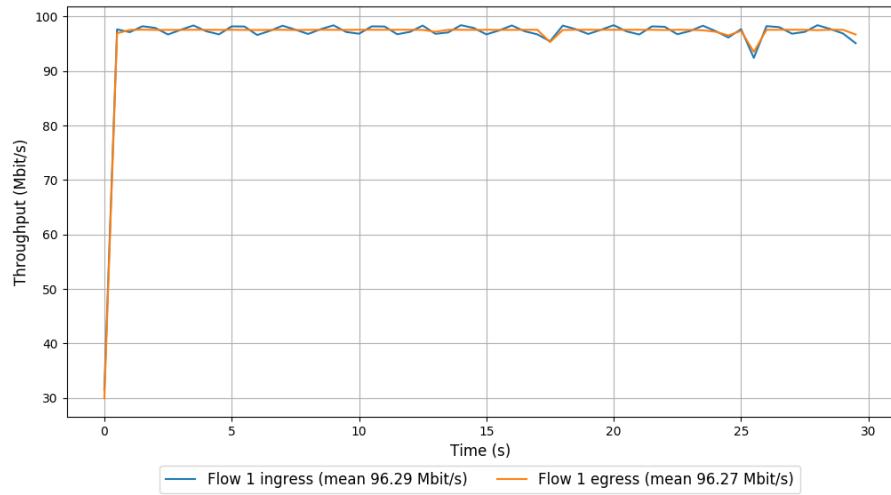


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:01:36 +0000
End at: Wed, 05 Jul 2017 08:02:06 +0000
Local clock offset: 0.135 ms
Remote clock offset: -14.215 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 15.791 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 15.791 ms
Loss rate: 0.01%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 08:19:01 +0000
```

```
End at: Wed, 05 Jul 2017 08:19:31 +0000
```

```
Local clock offset: 1.083 ms
```

```
Remote clock offset: -13.062 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:04 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 96.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.809 ms
```

```
Loss rate: 0.00%
```

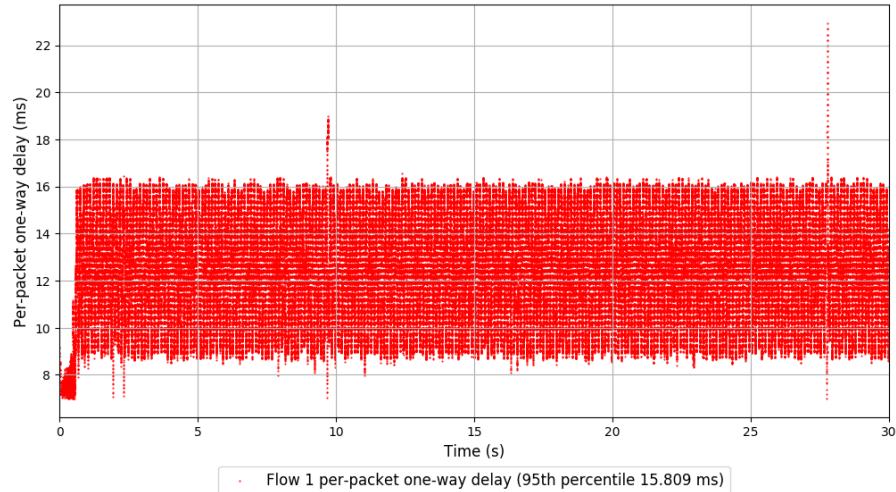
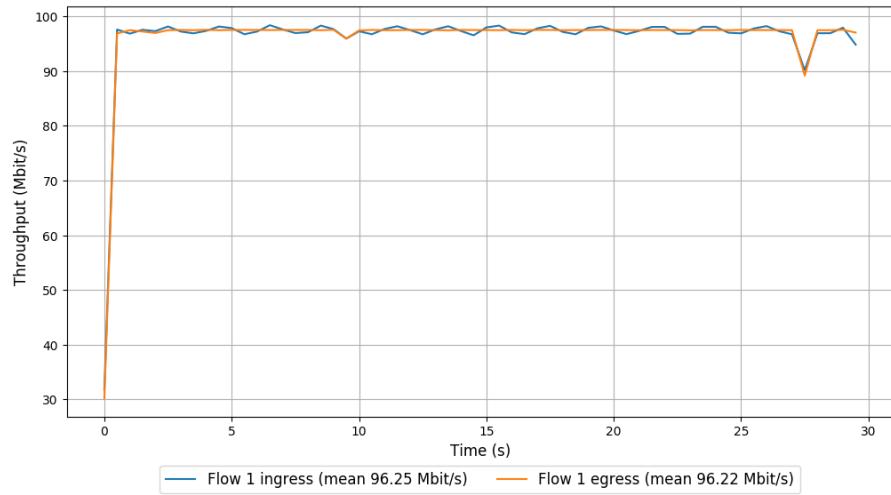
```
-- Flow 1:
```

```
Average throughput: 96.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.809 ms
```

```
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link

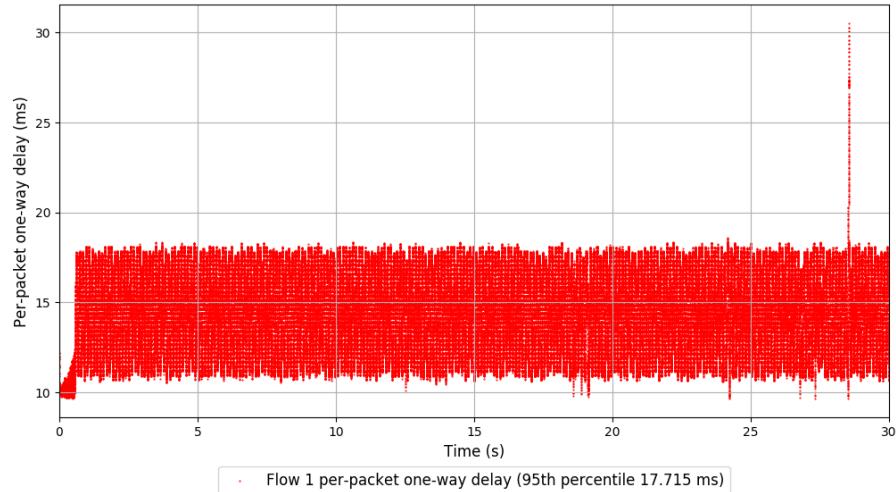
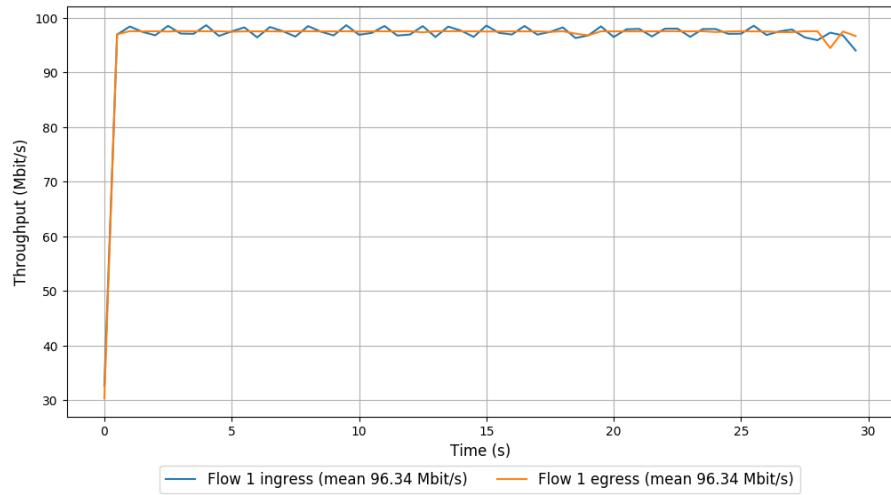


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:36:19 +0000
End at: Wed, 05 Jul 2017 08:36:50 +0000
Local clock offset: -1.522 ms
Remote clock offset: -16.559 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 17.715 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 17.715 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link

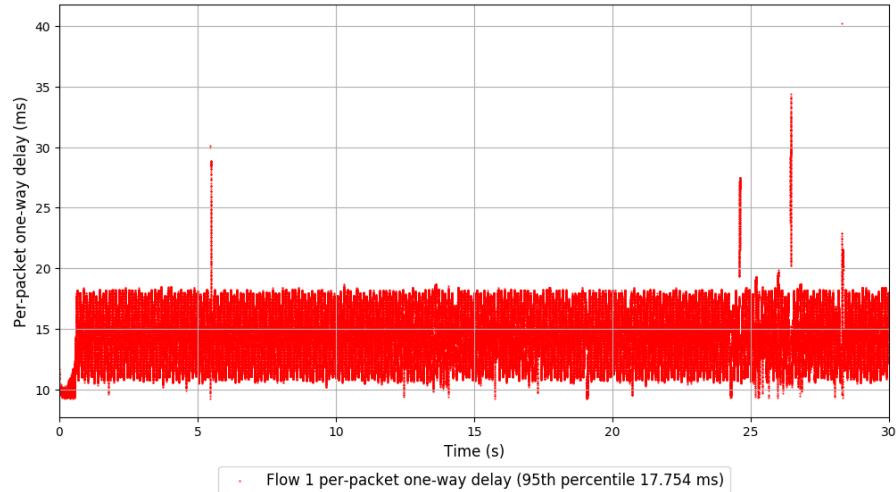
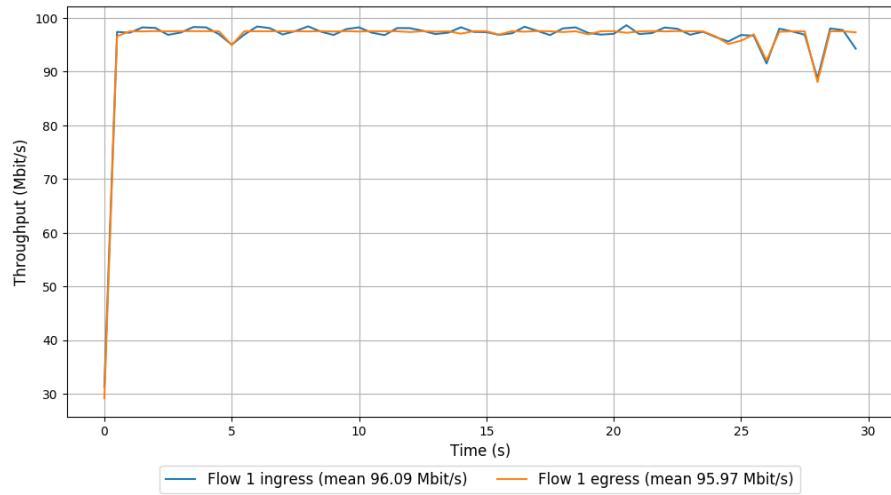


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:53:35 +0000
End at: Wed, 05 Jul 2017 08:54:05 +0000
Local clock offset: -0.163 ms
Remote clock offset: -14.659 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 17.754 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 17.754 ms
Loss rate: 0.11%
```

Run 6: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 09:10:50 +0000
```

```
End at: Wed, 05 Jul 2017 09:11:20 +0000
```

```
Local clock offset: 3.016 ms
```

```
Remote clock offset: -14.872 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 93.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.785 ms
```

```
Loss rate: 10.45%
```

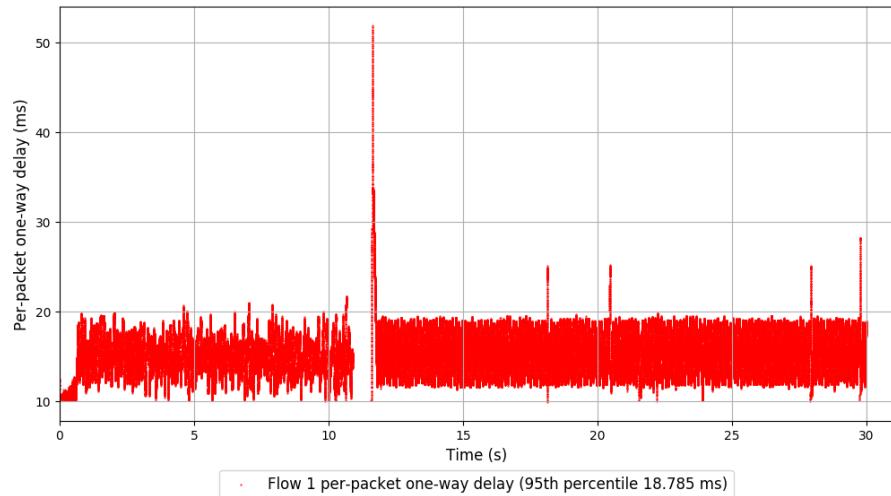
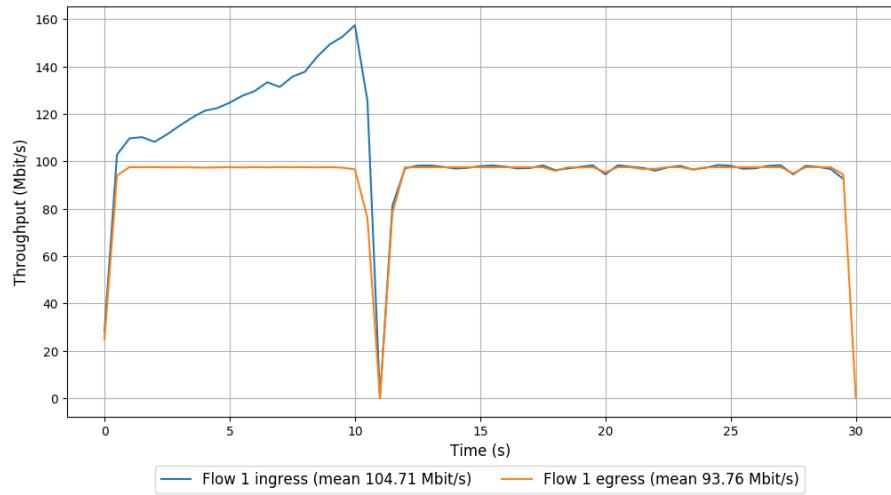
```
-- Flow 1:
```

```
Average throughput: 93.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.785 ms
```

```
Loss rate: 10.45%
```

Run 7: Report of CalibratedKoho — Data Link

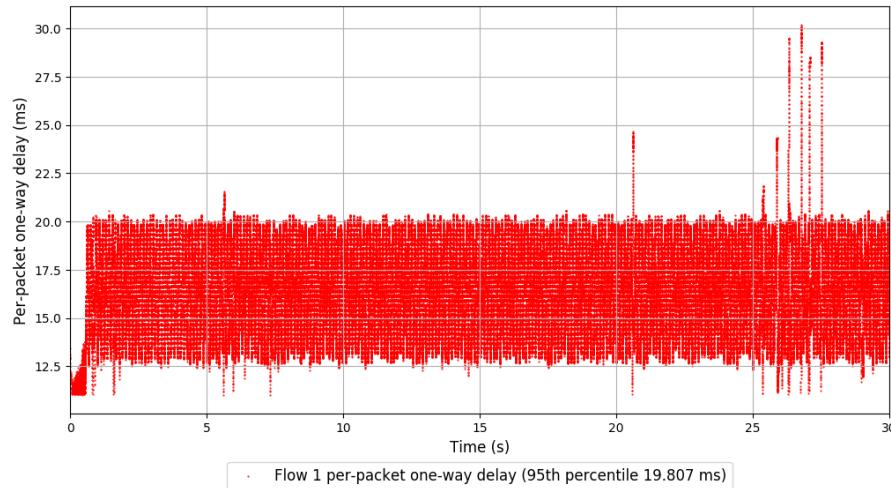
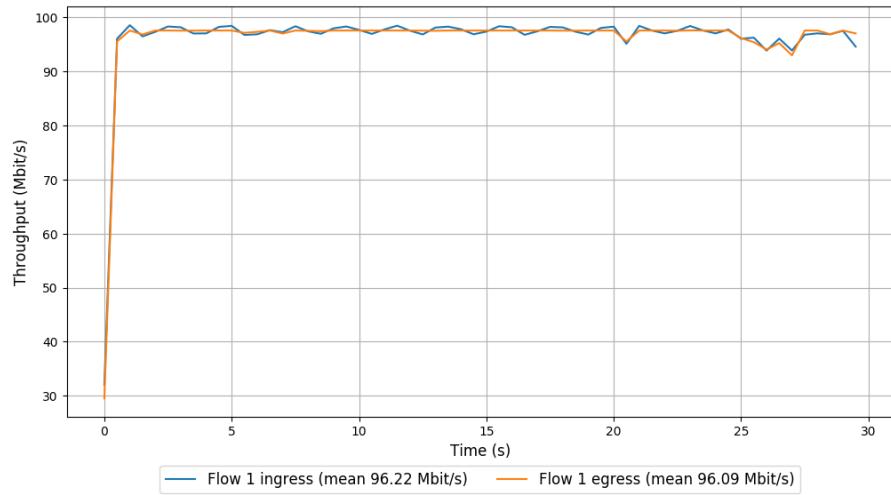


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 09:28:00 +0000
End at: Wed, 05 Jul 2017 09:28:30 +0000
Local clock offset: 0.172 ms
Remote clock offset: -16.65 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 19.807 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 19.807 ms
Loss rate: 0.13%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 09:45:27 +0000
```

```
End at: Wed, 05 Jul 2017 09:45:57 +0000
```

```
Local clock offset: 2.691 ms
```

```
Remote clock offset: -16.417 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 96.13 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.756 ms
```

```
Loss rate: 0.00%
```

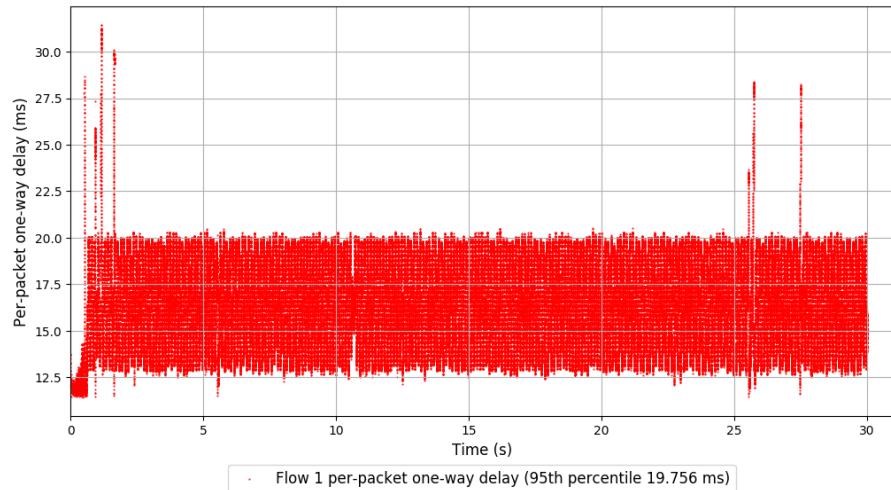
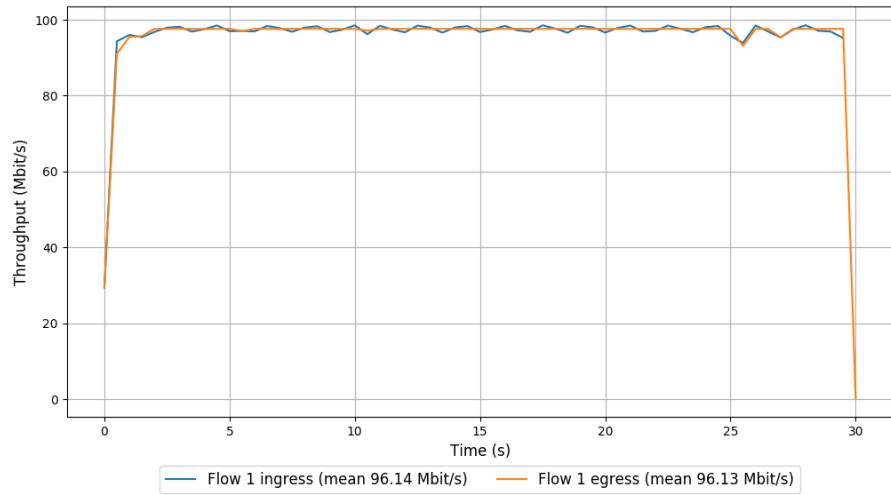
```
-- Flow 1:
```

```
Average throughput: 96.13 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.756 ms
```

```
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:03:19 +0000
```

```
End at: Wed, 05 Jul 2017 10:03:49 +0000
```

```
Local clock offset: 0.916 ms
```

```
Remote clock offset: -16.413 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 96.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.749 ms
```

```
Loss rate: 0.00%
```

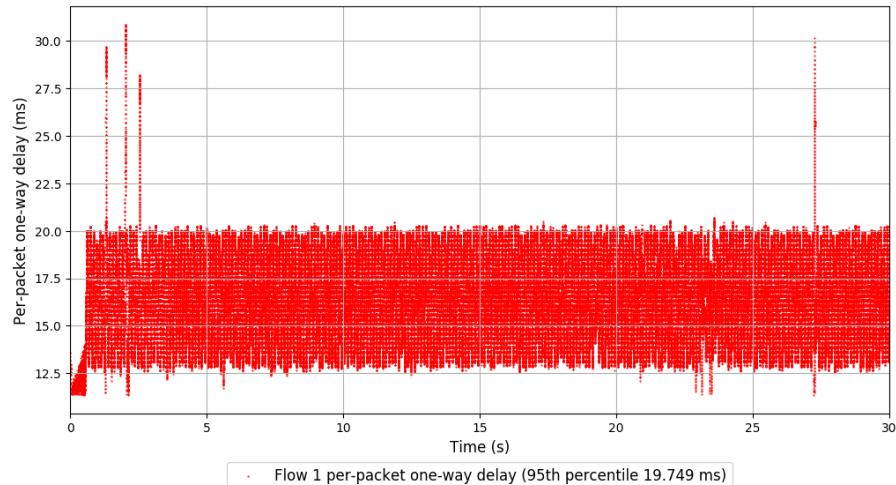
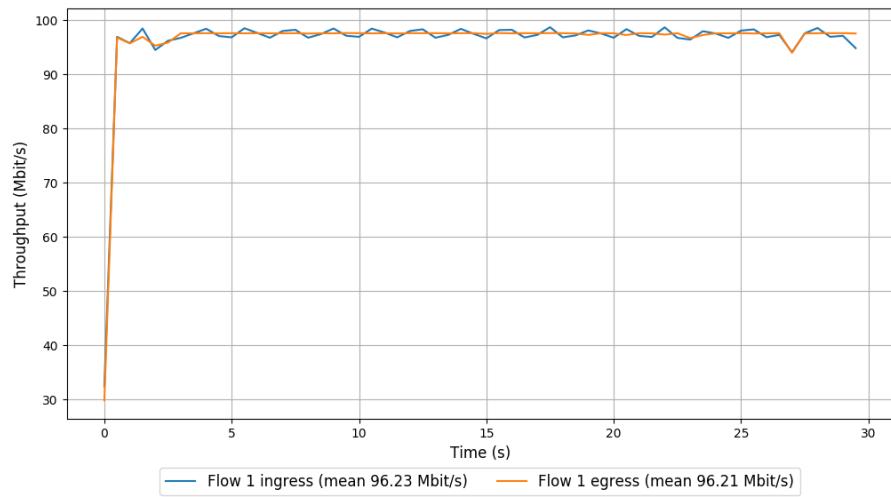
```
-- Flow 1:
```

```
Average throughput: 96.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.749 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

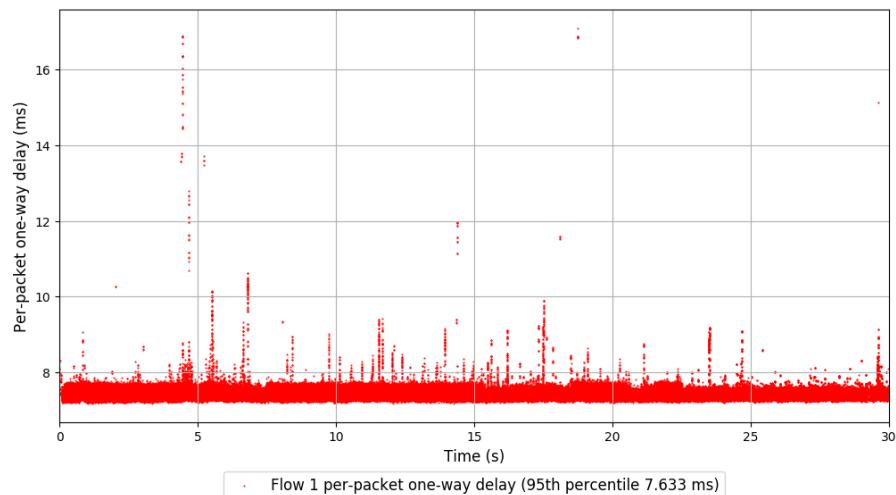
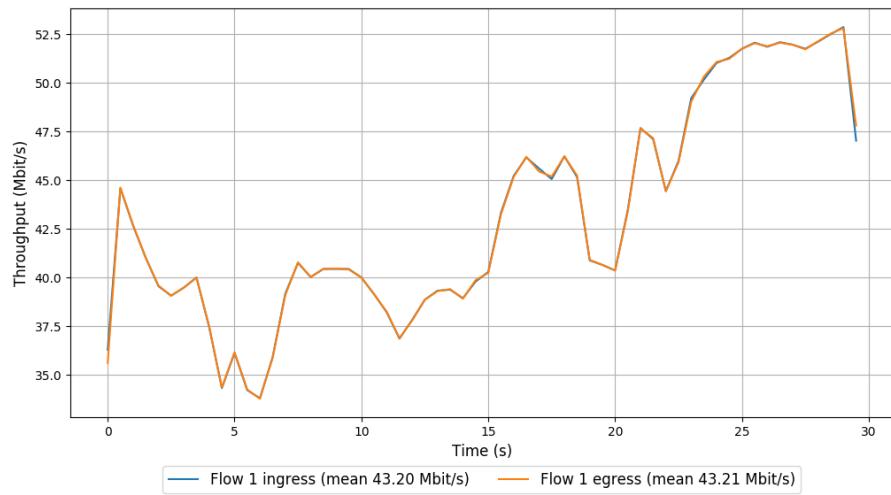


Run 1: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:20:56 +0000
End at: Wed, 05 Jul 2017 07:21:26 +0000
Local clock offset: 1.946 ms
Remote clock offset: -11.636 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 7.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 7.633 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

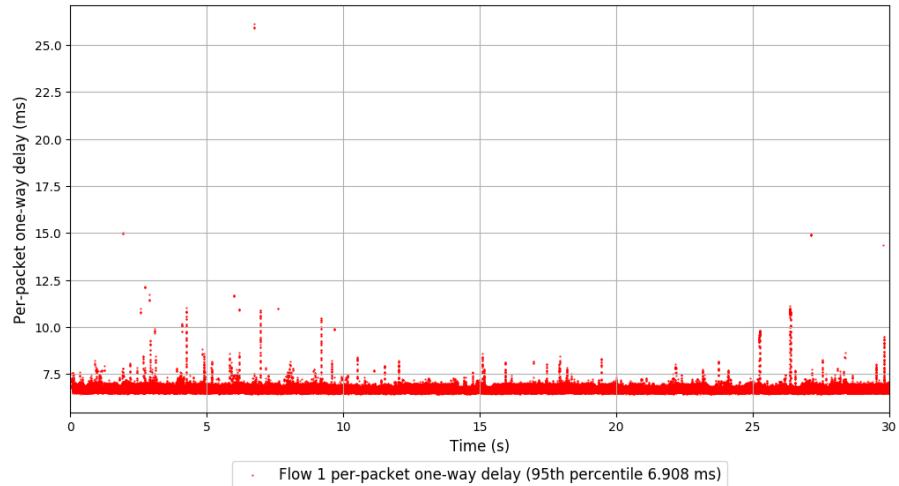
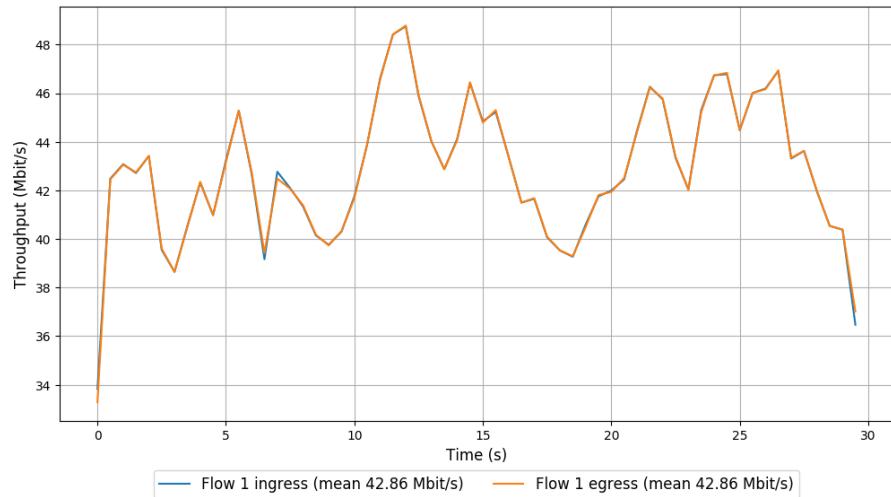


Run 2: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:38:23 +0000
End at: Wed, 05 Jul 2017 07:38:53 +0000
Local clock offset: -1.373 ms
Remote clock offset: -13.734 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 6.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 6.908 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

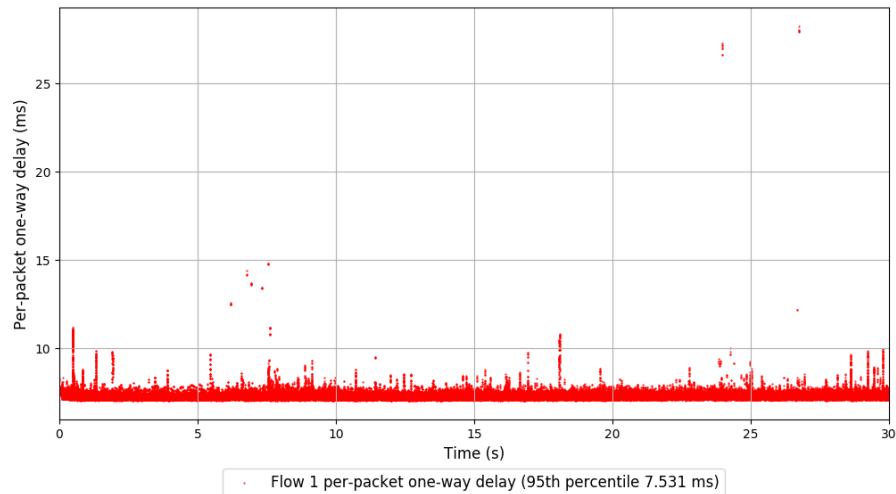
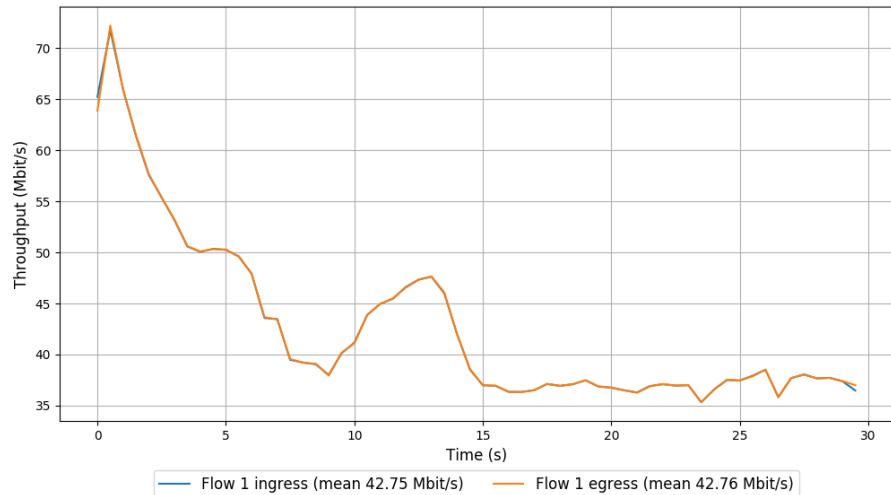


Run 3: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:55:53 +0000
End at: Wed, 05 Jul 2017 07:56:23 +0000
Local clock offset: -1.442 ms
Remote clock offset: -12.451 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 7.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 7.531 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

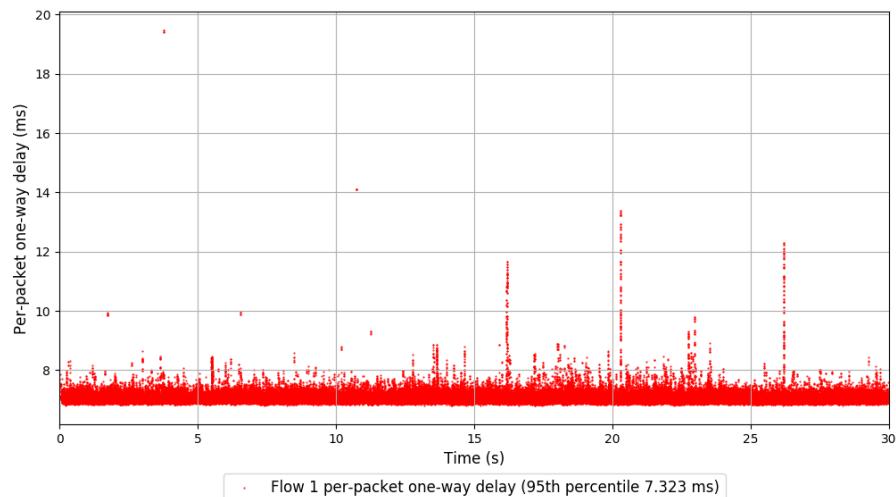
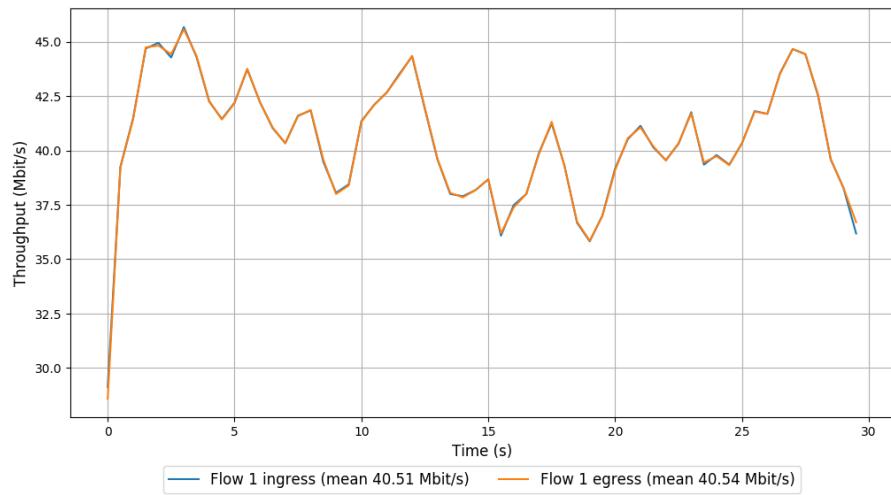


Run 4: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:13:26 +0000
End at: Wed, 05 Jul 2017 08:13:56 +0000
Local clock offset: -0.374 ms
Remote clock offset: -12.803 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 7.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 7.323 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

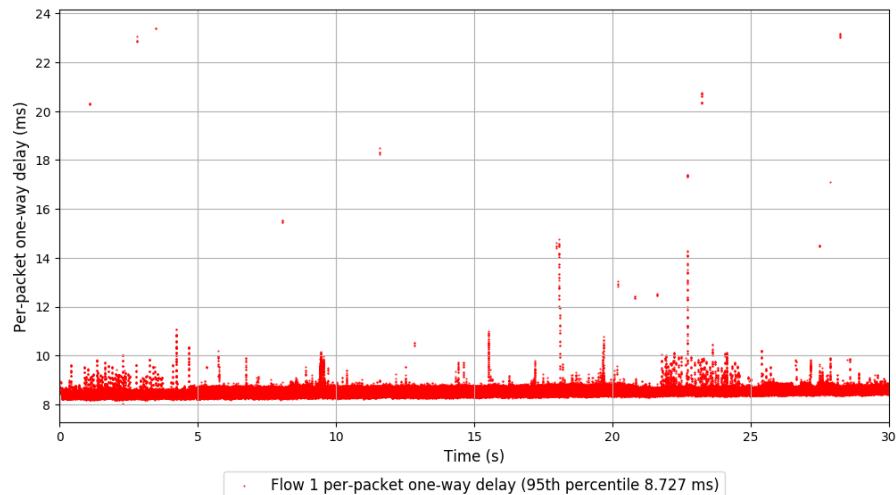
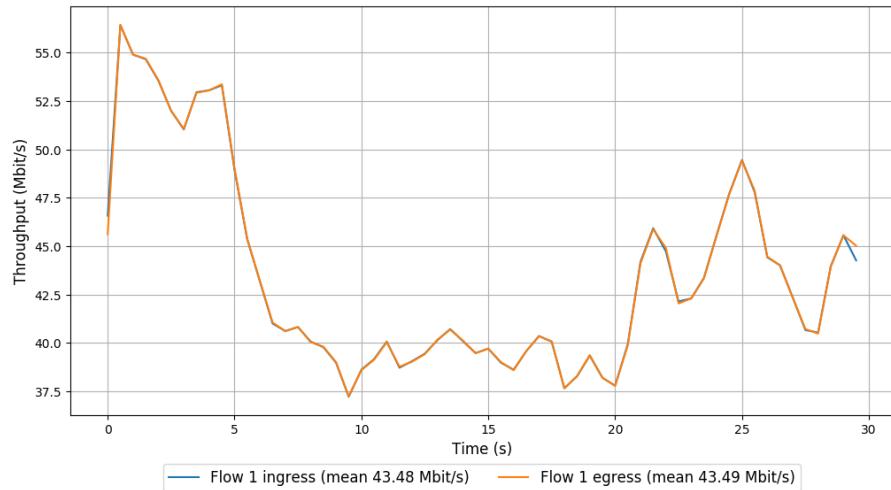


Run 5: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:30:42 +0000
End at: Wed, 05 Jul 2017 08:31:12 +0000
Local clock offset: -0.084 ms
Remote clock offset: -14.795 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 8.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 8.727 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

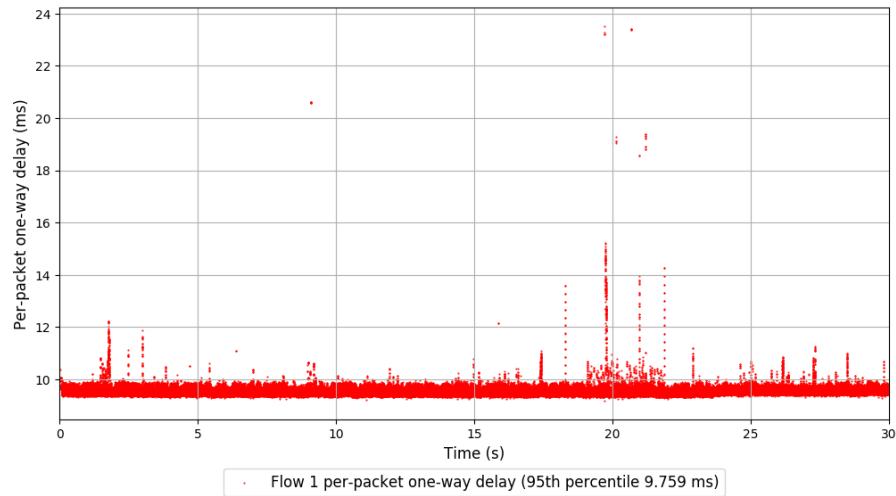
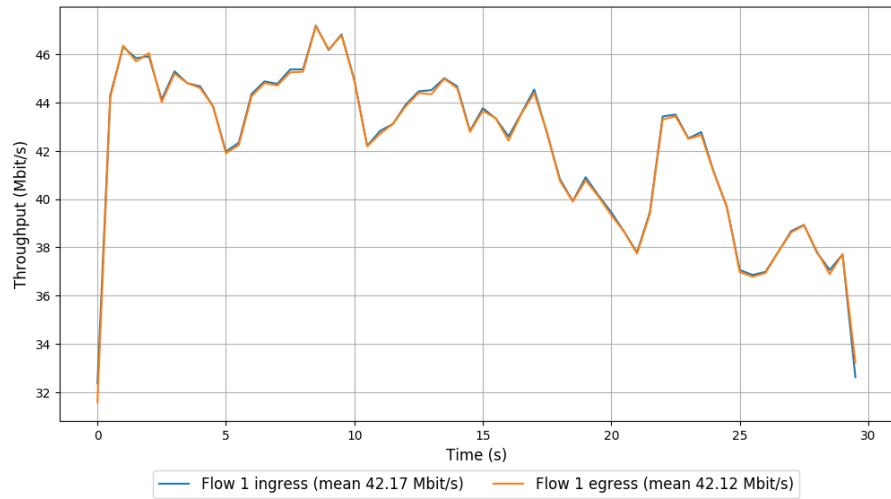


Run 6: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:48:04 +0000
End at: Wed, 05 Jul 2017 08:48:34 +0000
Local clock offset: 0.61 ms
Remote clock offset: -15.807 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.12 Mbit/s
95th percentile per-packet one-way delay: 9.759 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 42.12 Mbit/s
95th percentile per-packet one-way delay: 9.759 ms
Loss rate: 0.14%
```

Run 6: Report of Copa — Data Link

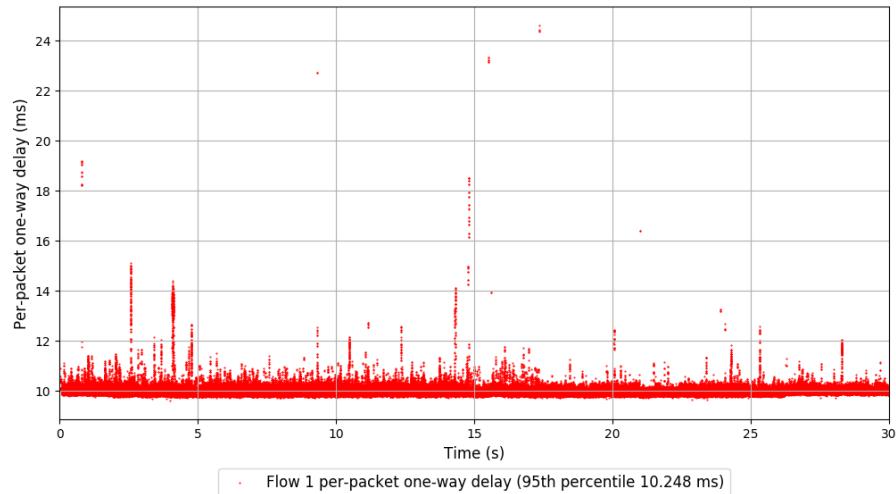
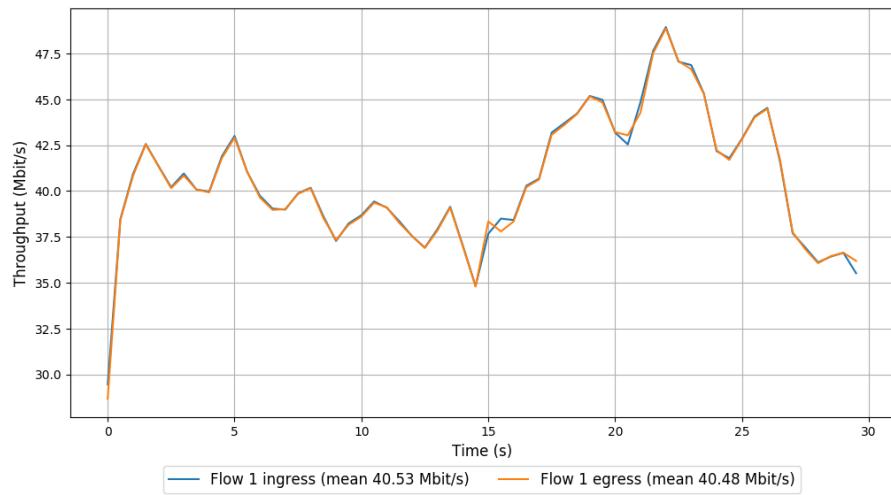


Run 7: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:05:19 +0000
End at: Wed, 05 Jul 2017 09:05:49 +0000
Local clock offset: 3.876 ms
Remote clock offset: -15.927 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 10.248 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 10.248 ms
Loss rate: 0.11%
```

Run 7: Report of Copa — Data Link

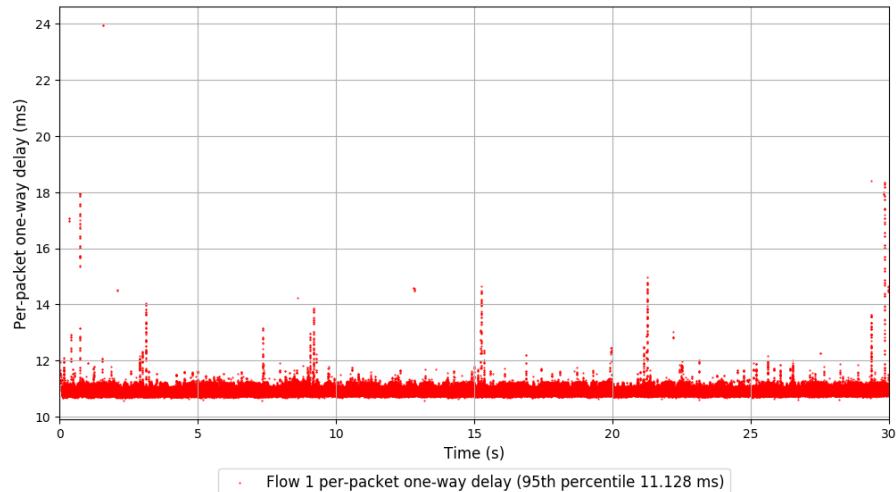
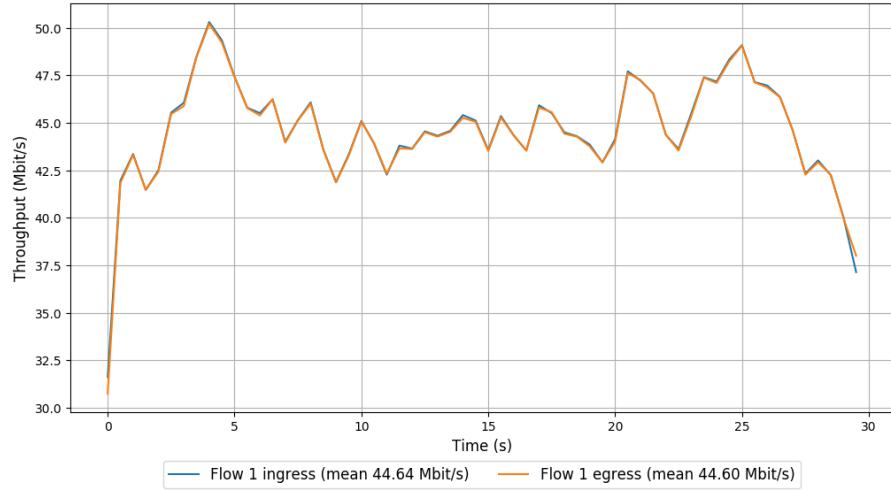


Run 8: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:22:30 +0000
End at: Wed, 05 Jul 2017 09:23:00 +0000
Local clock offset: 3.285 ms
Remote clock offset: -16.486 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 11.128 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 11.128 ms
Loss rate: 0.11%
```

Run 8: Report of Copa — Data Link

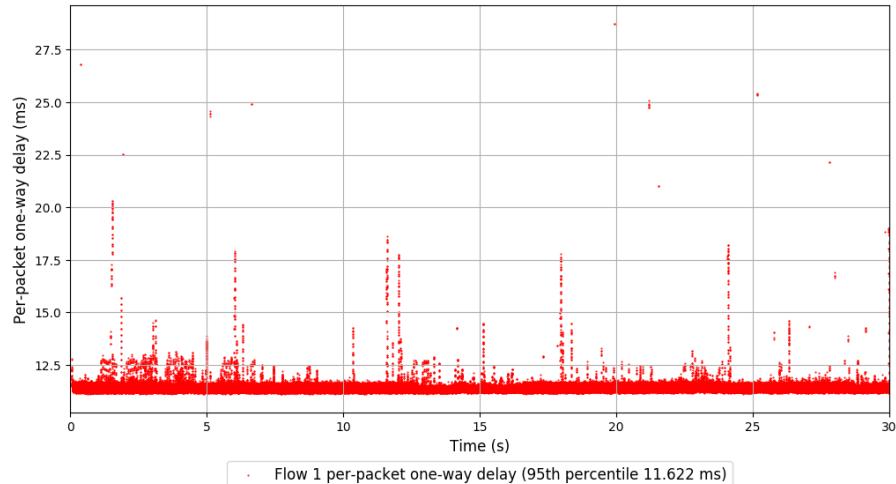
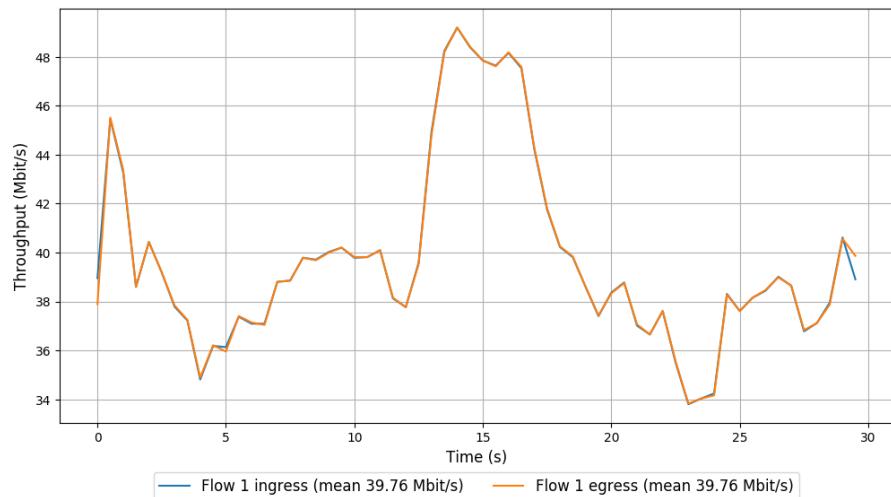


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:39:38 +0000
End at: Wed, 05 Jul 2017 09:40:08 +0000
Local clock offset: 2.284 ms
Remote clock offset: -16.073 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 11.622 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 11.622 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

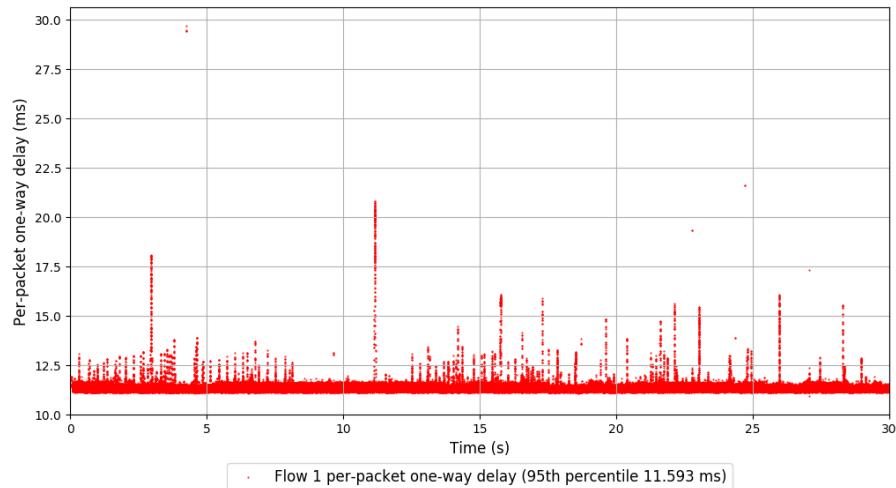
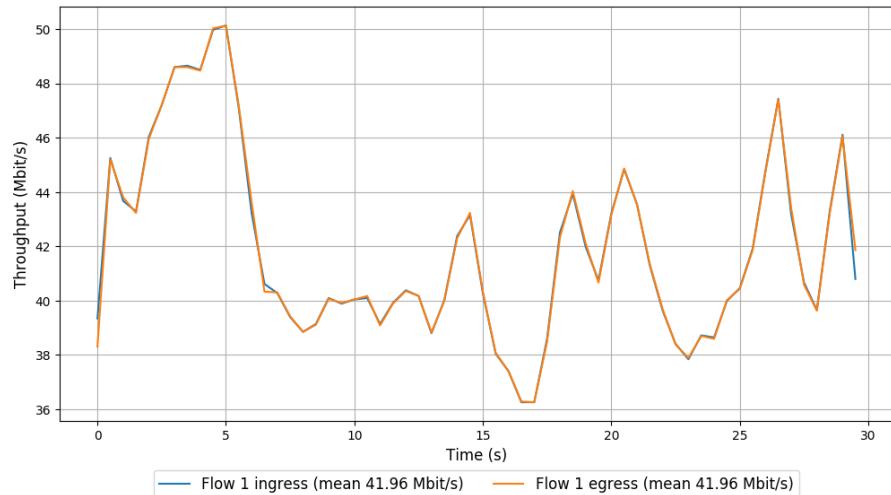


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:57:25 +0000
End at: Wed, 05 Jul 2017 09:57:55 +0000
Local clock offset: 0.807 ms
Remote clock offset: -16.553 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 11.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 11.593 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 07:22:07 +0000

End at: Wed, 05 Jul 2017 07:22:37 +0000

Local clock offset: 1.087 ms

Remote clock offset: -13.794 ms

Run 1: Report of TCP Cubic — Data Link

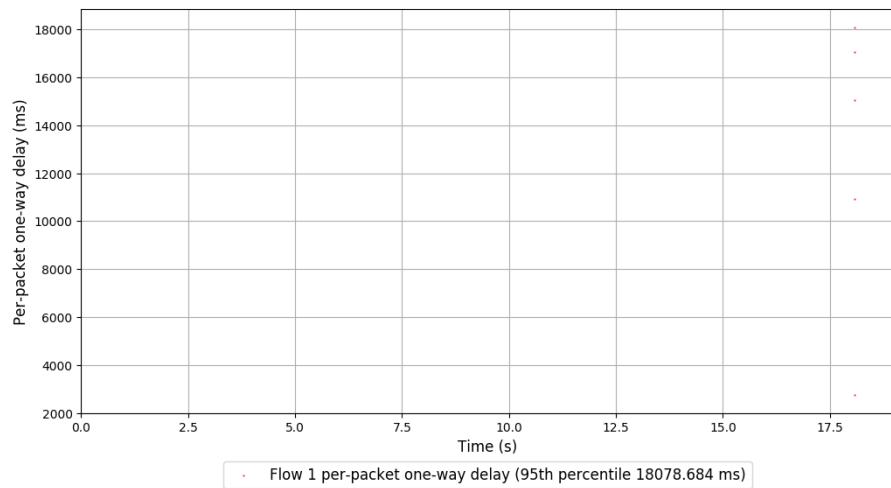
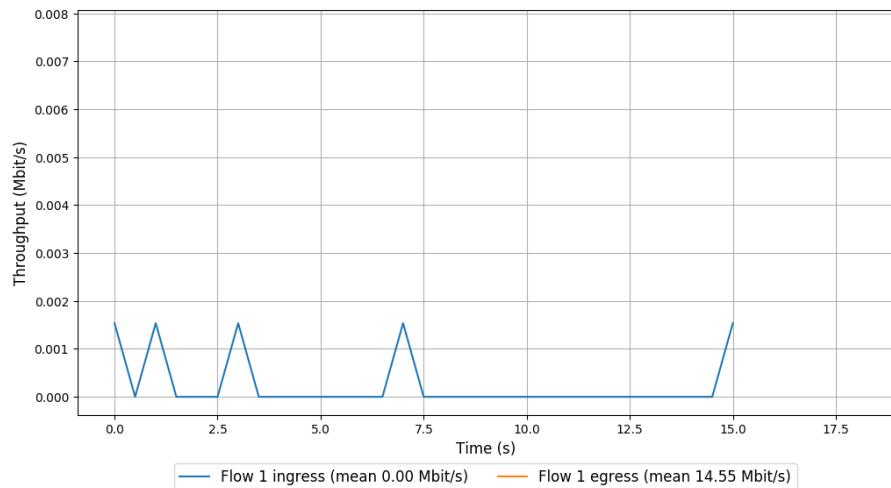
Figure is missing

Figure is missing

Run 2: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 07:39:33 +0000
End at: Wed, 05 Jul 2017 07:40:03 +0000
Local clock offset: -1.933 ms
Remote clock offset: -12.778 ms

Run 2: Report of TCP Cubic — Data Link

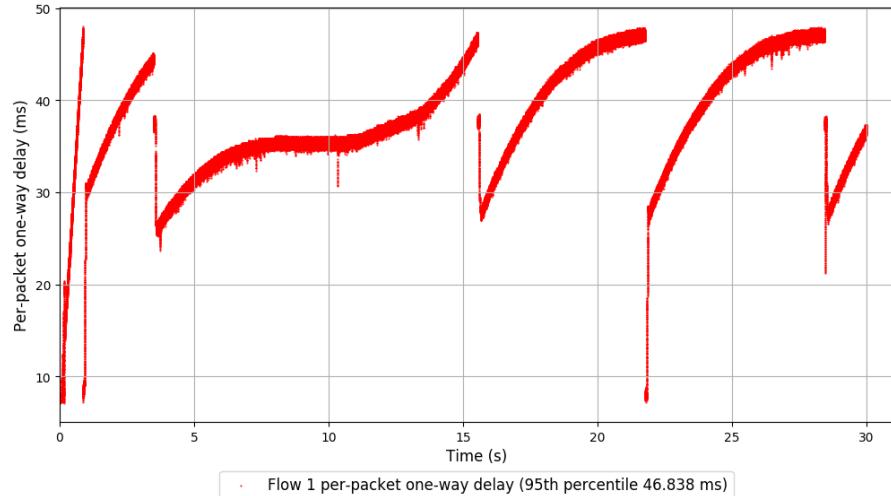
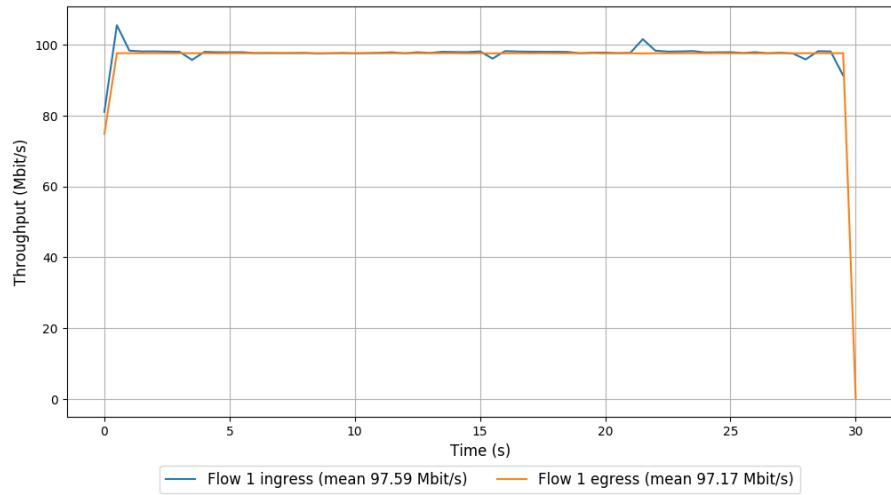


Run 3: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 07:57:03 +0000
End at: Wed, 05 Jul 2017 07:57:33 +0000
Local clock offset: 0.352 ms
Remote clock offset: -12.353 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 46.838 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 46.838 ms
Loss rate: 0.36%
```

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 08:14:36 +0000
End at: Wed, 05 Jul 2017 08:15:06 +0000
Local clock offset: 2.383 ms
Remote clock offset: -13.492 ms

Run 4: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of TCP Cubic

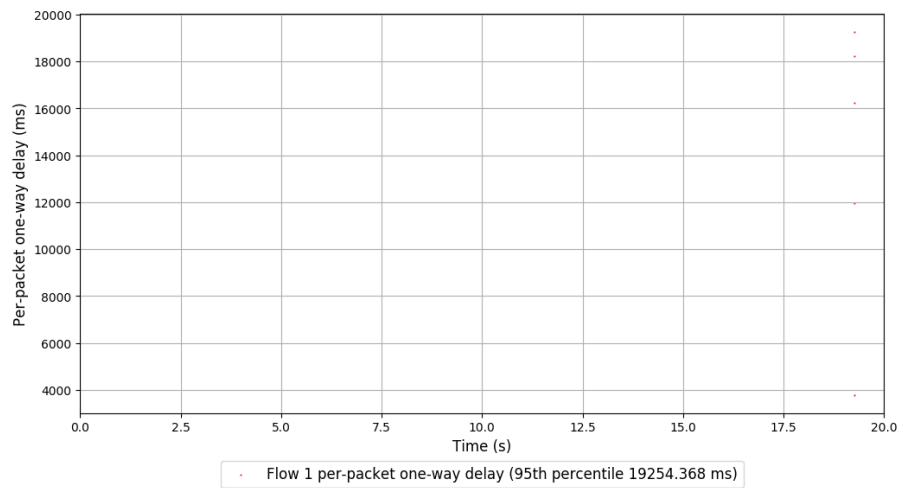
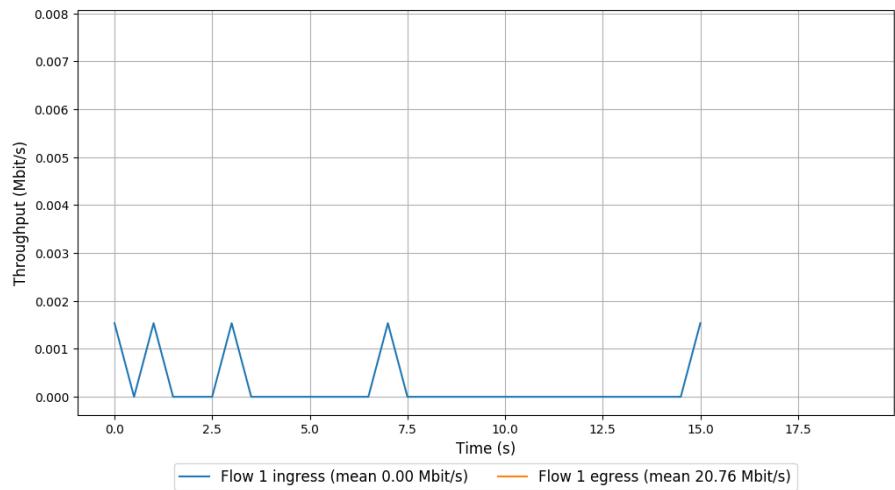
Start at: Wed, 05 Jul 2017 08:31:51 +0000

End at: Wed, 05 Jul 2017 08:32:21 +0000

Local clock offset: 1.034 ms

Remote clock offset: -14.273 ms

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 08:49:14 +0000
End at: Wed, 05 Jul 2017 08:49:44 +0000
Local clock offset: 2.185 ms
Remote clock offset: -14.464 ms

Run 6: Report of TCP Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:06:30 +0000

End at: Wed, 05 Jul 2017 09:07:00 +0000

Local clock offset: 0.146 ms

Remote clock offset: -15.353 ms

Run 7: Report of TCP Cubic — Data Link

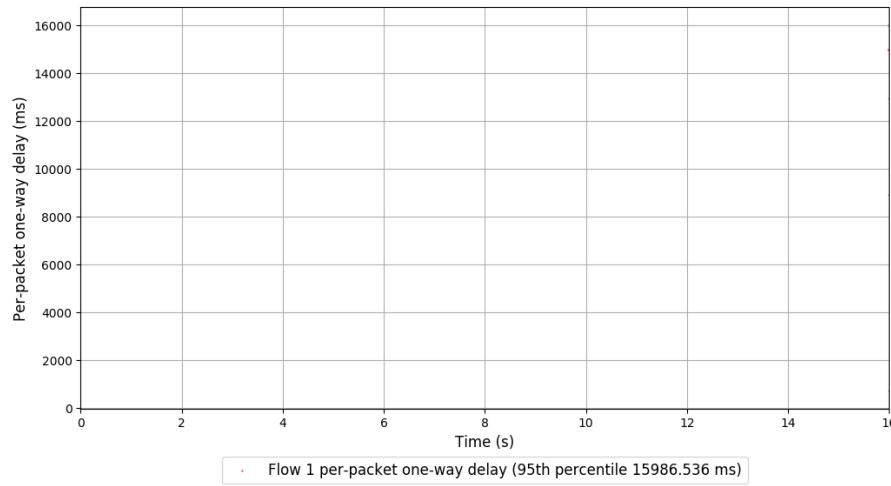
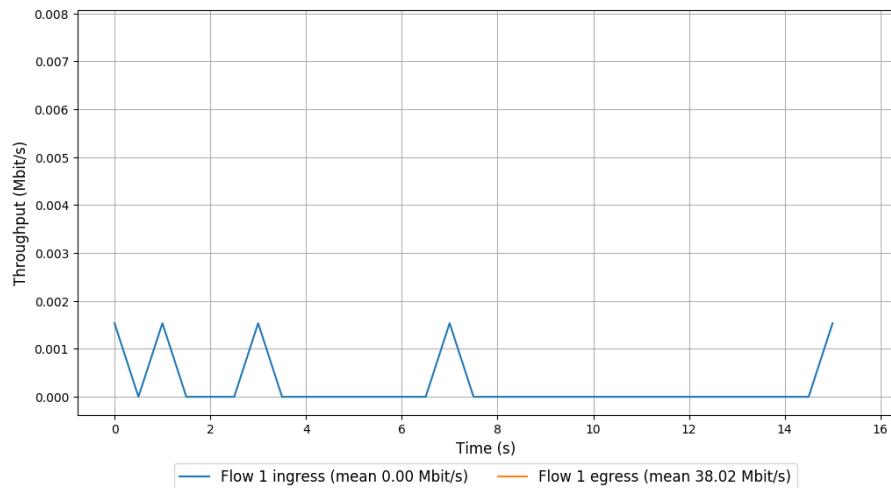
Figure is missing

Figure is missing

Run 8: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:23:39 +0000
End at: Wed, 05 Jul 2017 09:24:09 +0000
Local clock offset: 1.848 ms
Remote clock offset: -16.865 ms

Run 8: Report of TCP Cubic — Data Link

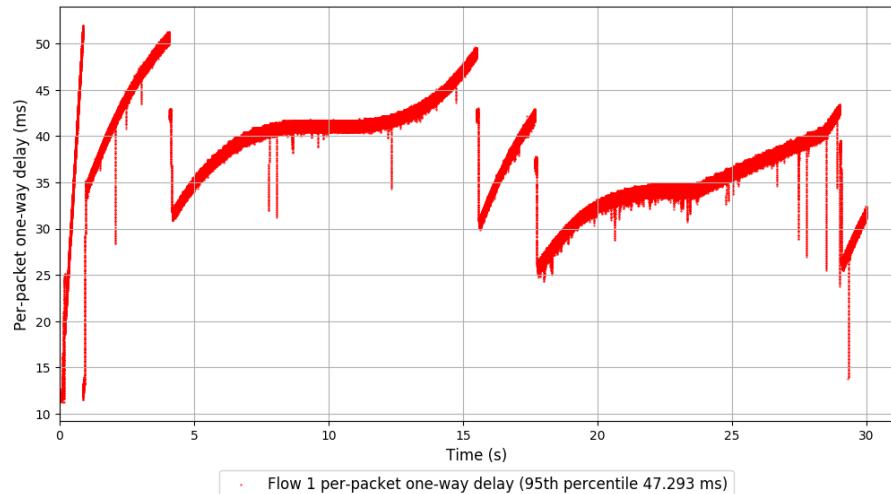
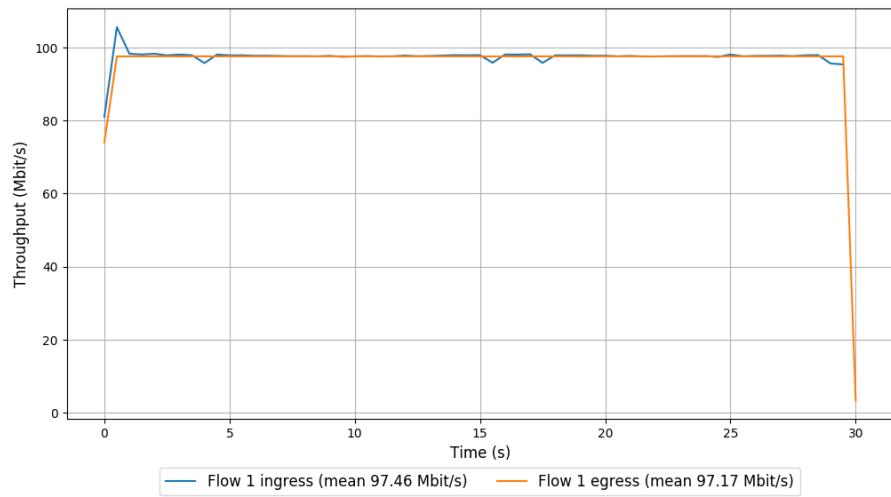


Run 9: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:40:47 +0000
End at: Wed, 05 Jul 2017 09:41:17 +0000
Local clock offset: 3.364 ms
Remote clock offset: -16.894 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 47.293 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 47.293 ms
Loss rate: 0.22%
```

Run 9: Report of TCP Cubic — Data Link

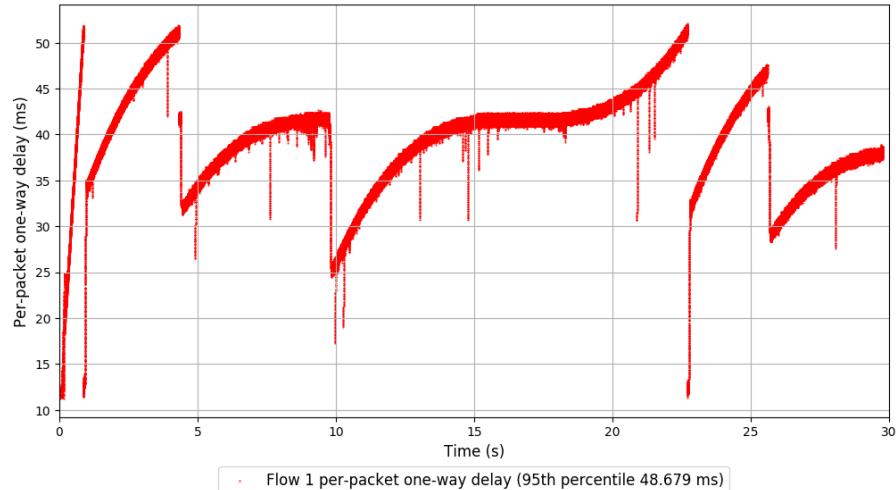
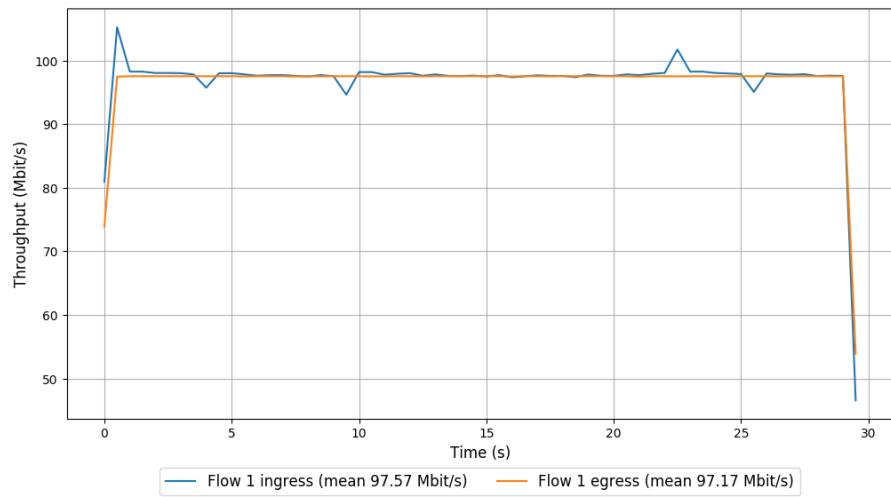


Run 10: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:58:38 +0000
End at: Wed, 05 Jul 2017 09:59:08 +0000
Local clock offset: 3.997 ms
Remote clock offset: -16.099 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 48.679 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 48.679 ms
Loss rate: 0.32%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:31:27 +0000
```

```
End at: Wed, 05 Jul 2017 07:31:57 +0000
```

```
Local clock offset: 0.254 ms
```

```
Remote clock offset: -12.252 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:06 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 49.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.211 ms
```

```
Loss rate: 0.00%
```

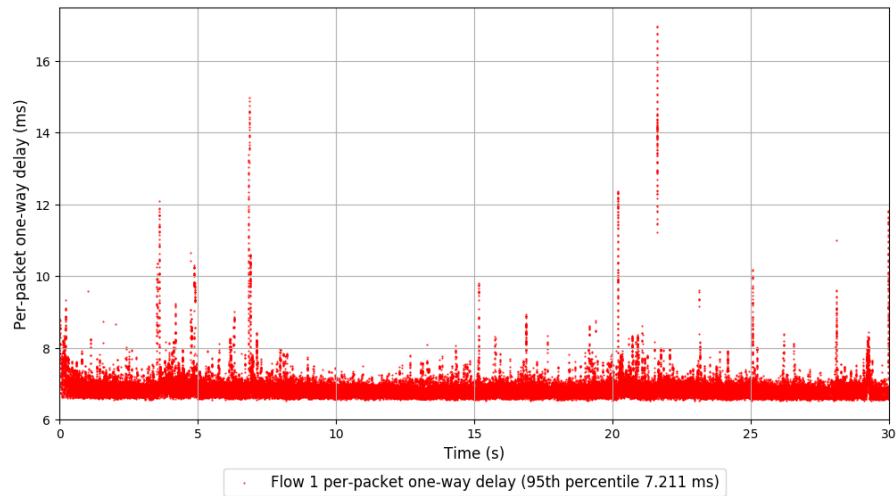
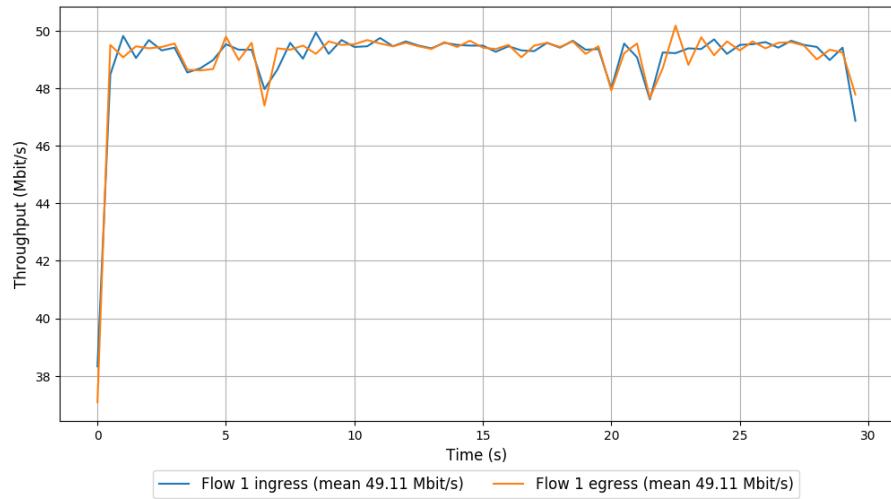
```
-- Flow 1:
```

```
Average throughput: 49.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.211 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

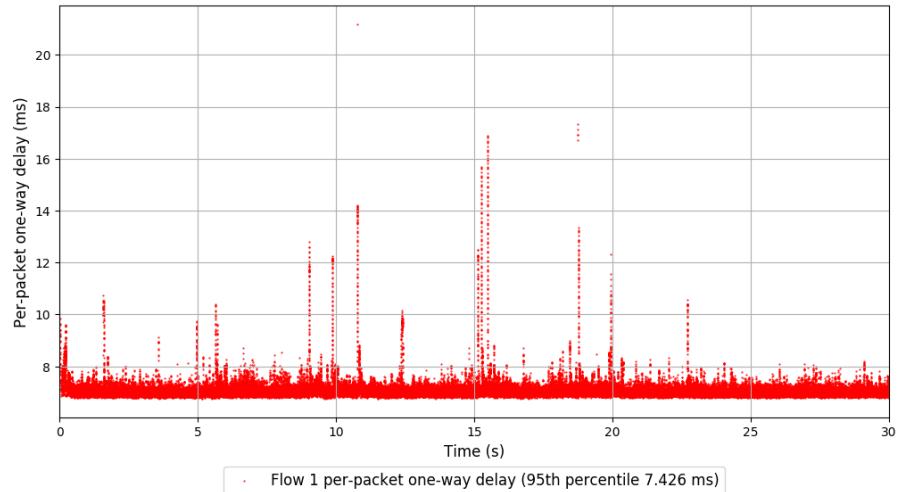
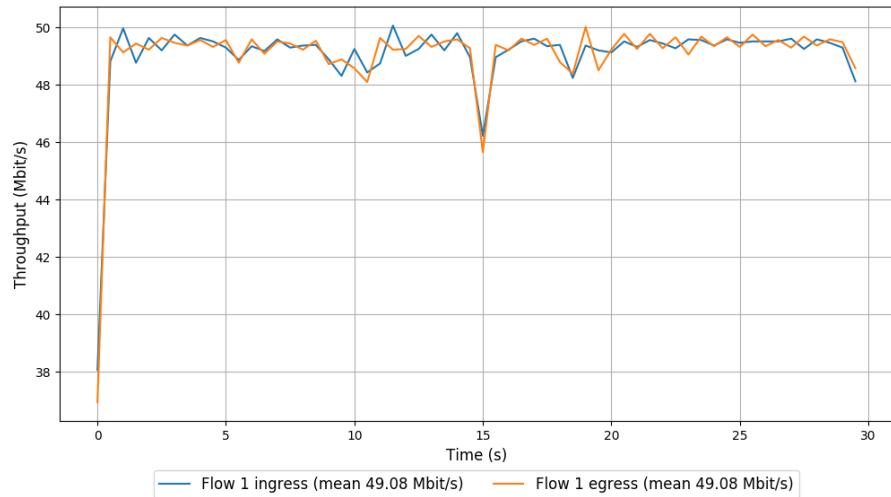


Run 2: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 07:48:54 +0000
End at: Wed, 05 Jul 2017 07:49:24 +0000
Local clock offset: -1.552 ms
Remote clock offset: -12.732 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 7.426 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 7.426 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

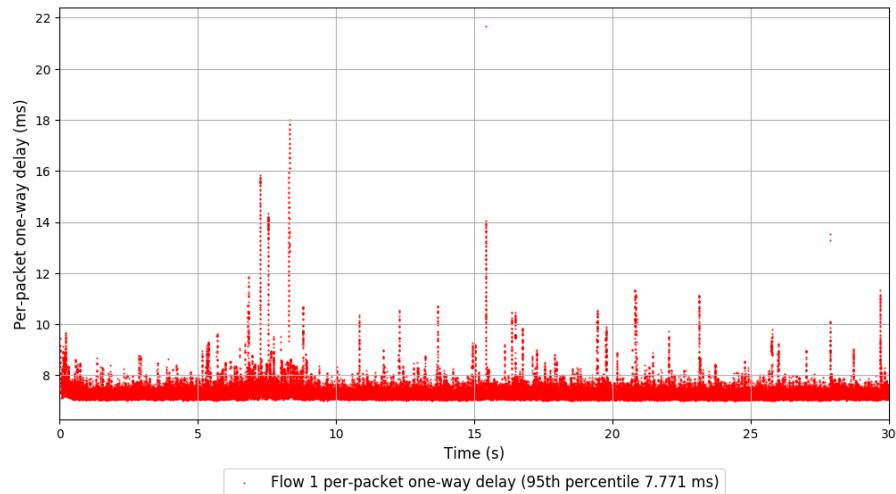
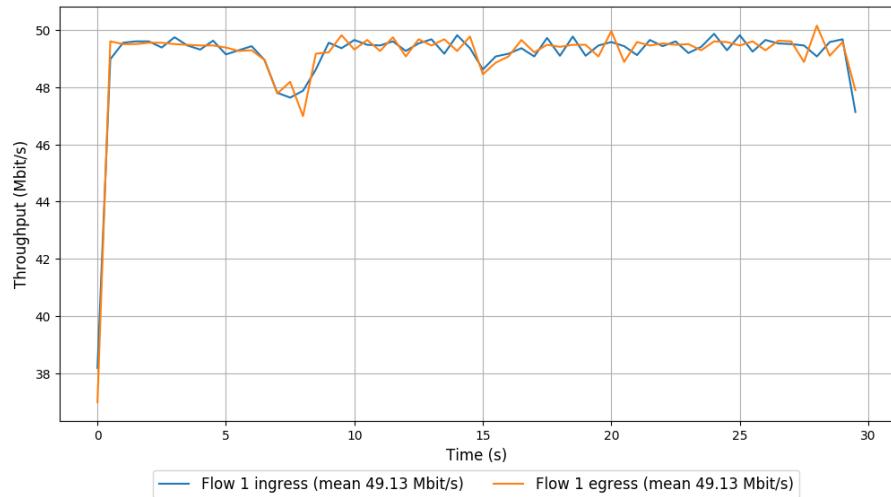


Run 3: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:06:25 +0000
End at: Wed, 05 Jul 2017 08:06:55 +0000
Local clock offset: -0.179 ms
Remote clock offset: -12.542 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.13 Mbit/s
95th percentile per-packet one-way delay: 7.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.13 Mbit/s
95th percentile per-packet one-way delay: 7.771 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

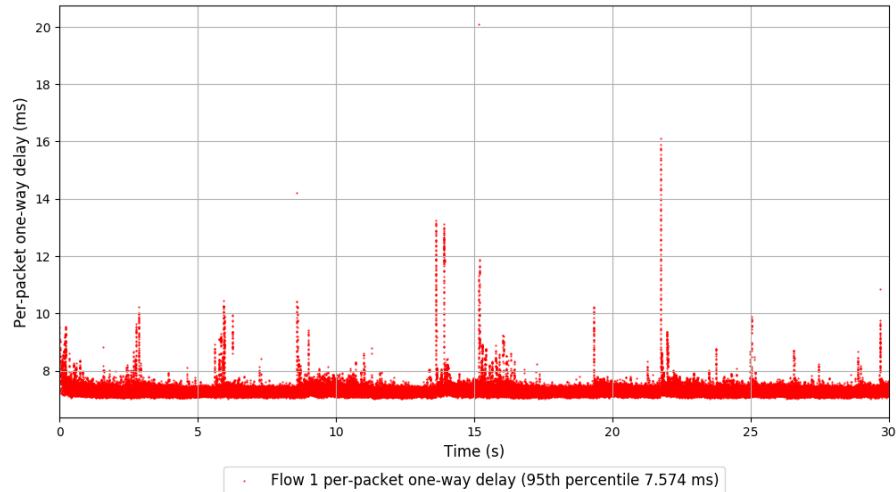
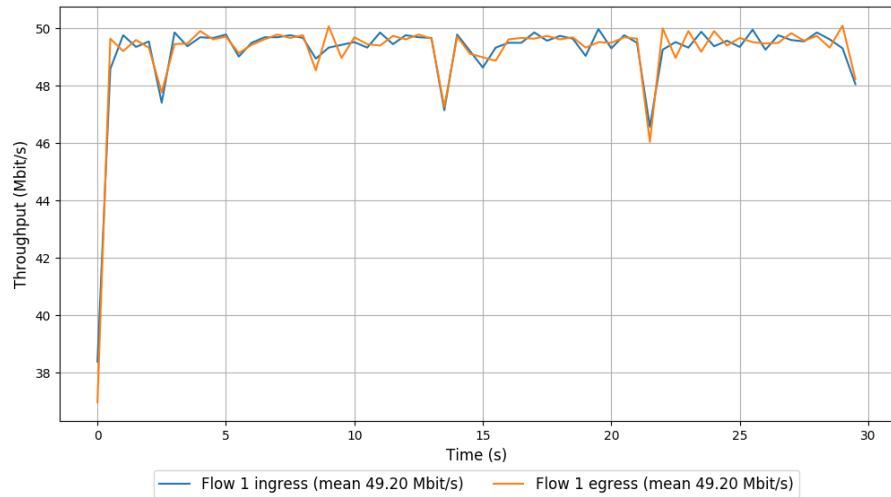


Run 4: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:23:51 +0000
End at: Wed, 05 Jul 2017 08:24:21 +0000
Local clock offset: -1.275 ms
Remote clock offset: -11.917 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.20 Mbit/s
95th percentile per-packet one-way delay: 7.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.20 Mbit/s
95th percentile per-packet one-way delay: 7.574 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

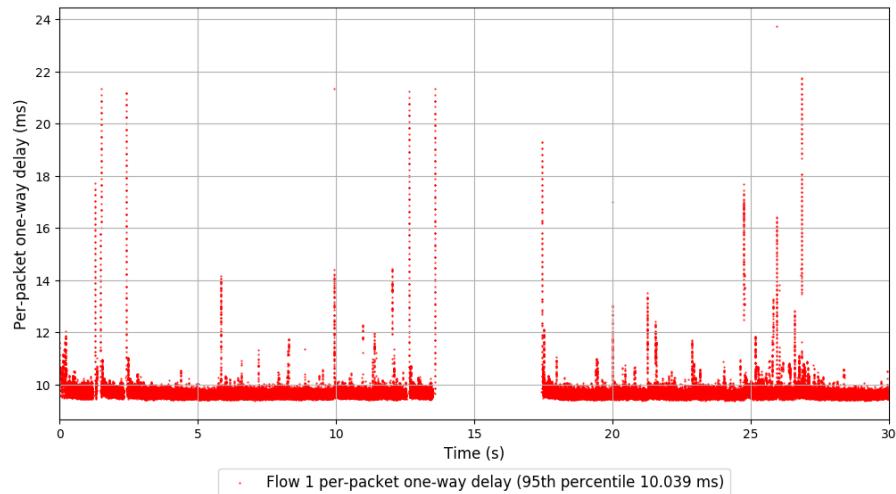
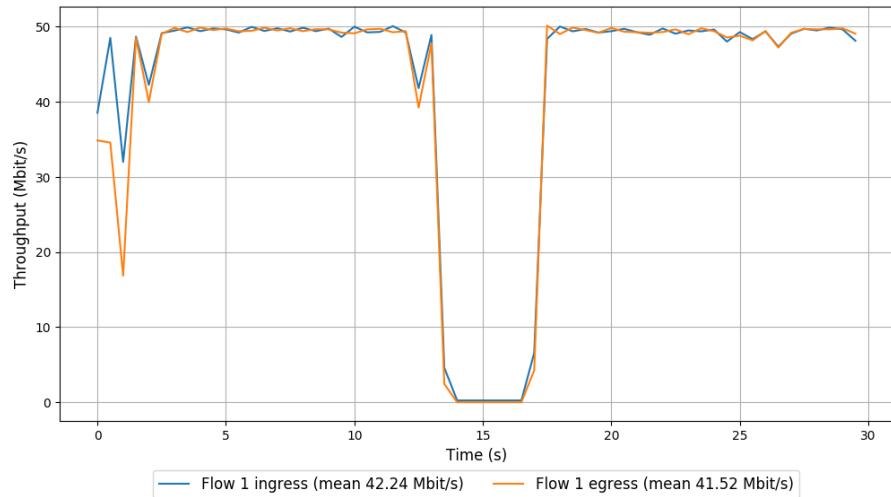


Run 5: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:41:10 +0000
End at: Wed, 05 Jul 2017 08:41:40 +0000
Local clock offset: -0.355 ms
Remote clock offset: -15.139 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 10.039 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 10.039 ms
Loss rate: 1.69%
```

Run 5: Report of KohoCC — Data Link

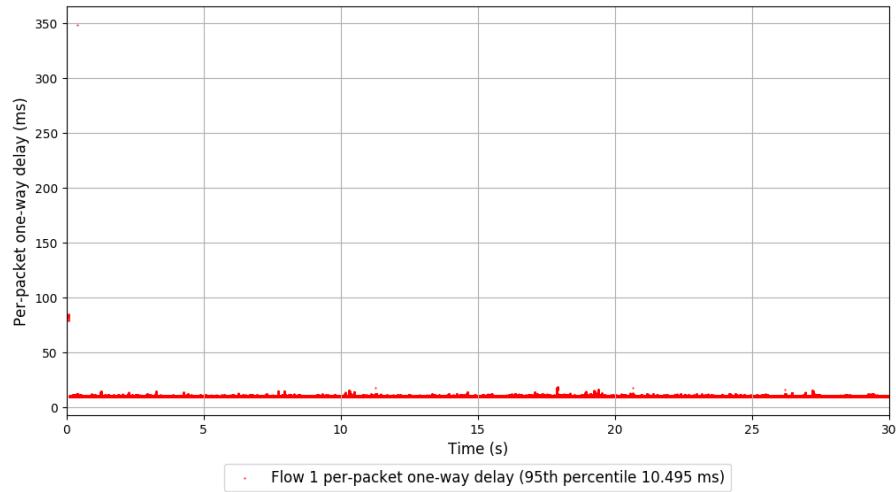
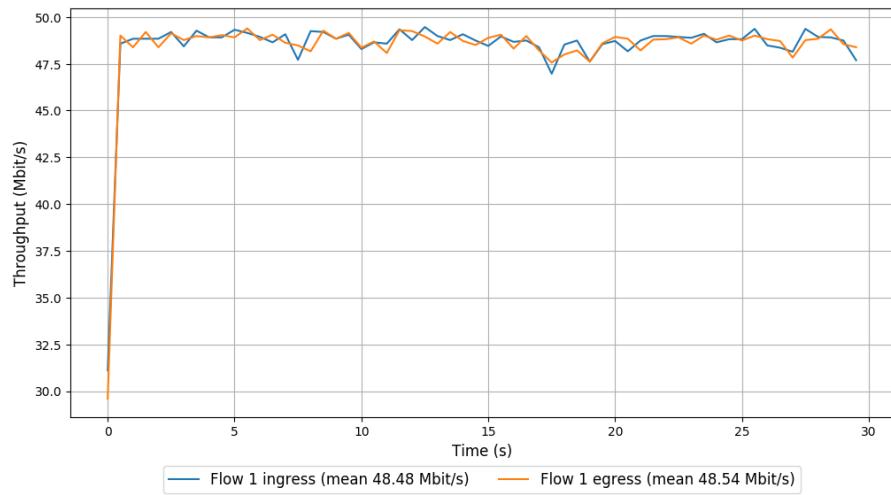


Run 6: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:58:23 +0000
End at: Wed, 05 Jul 2017 08:58:53 +0000
Local clock offset: 2.43 ms
Remote clock offset: -15.124 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 10.495 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 10.495 ms
Loss rate: 0.11%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 09:15:35 +0000

End at: Wed, 05 Jul 2017 09:16:05 +0000

Local clock offset: 0.647 ms

Remote clock offset: -15.804 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:35:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.17 Mbit/s

95th percentile per-packet one-way delay: 10.803 ms

Loss rate: 0.16%

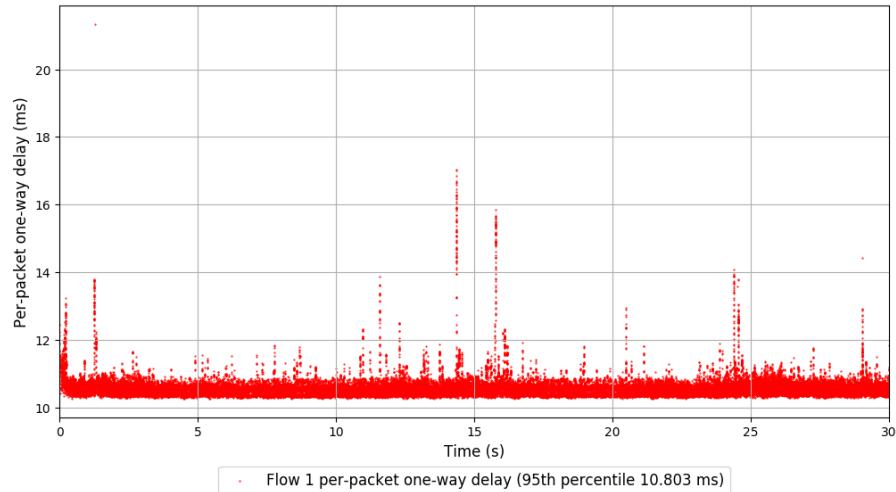
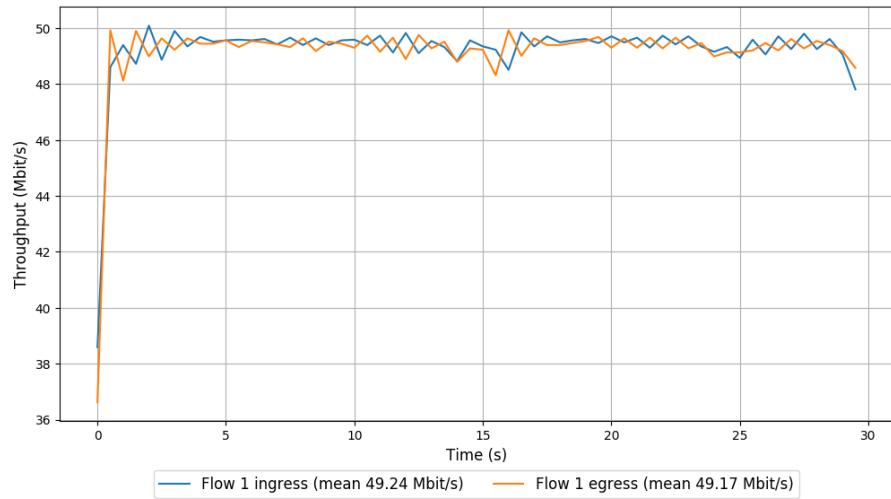
-- Flow 1:

Average throughput: 49.17 Mbit/s

95th percentile per-packet one-way delay: 10.803 ms

Loss rate: 0.16%

Run 7: Report of KohoCC — Data Link

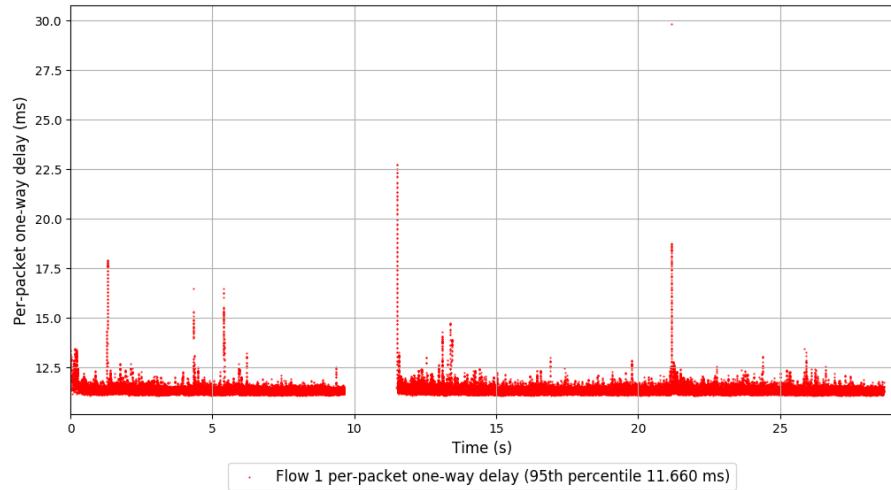
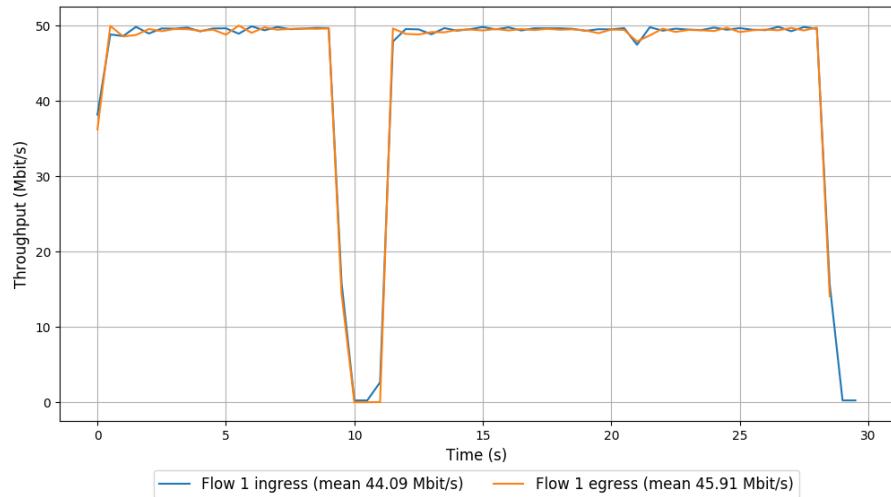


Run 8: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:32:49 +0000
End at: Wed, 05 Jul 2017 09:33:19 +0000
Local clock offset: 2.513 ms
Remote clock offset: -17.619 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 11.660 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 11.660 ms
Loss rate: 0.50%
```

Run 8: Report of KohoCC — Data Link

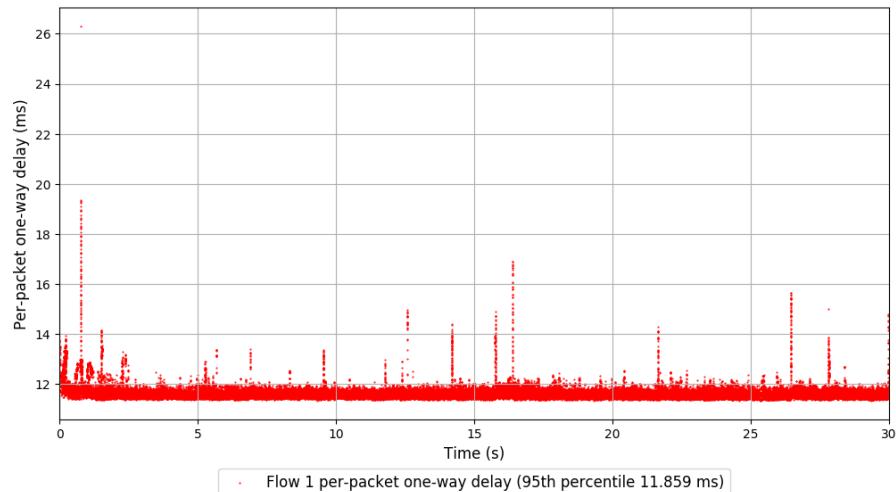
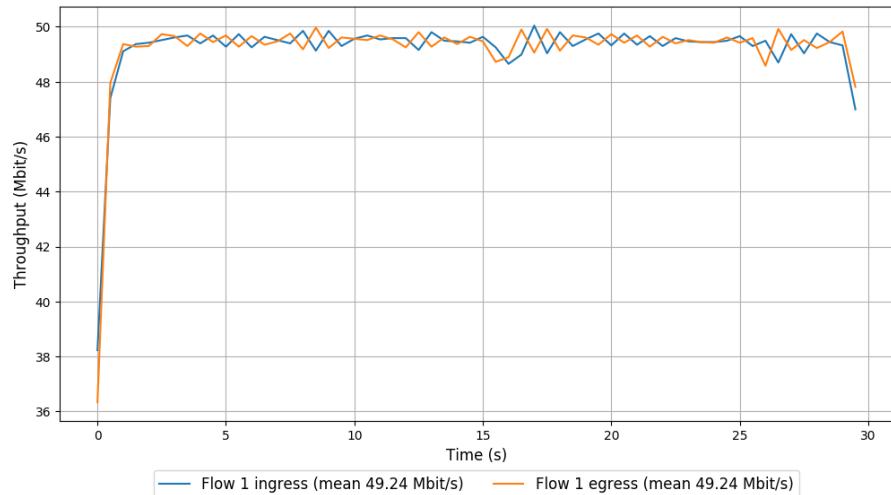


Run 9: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:50:24 +0000
End at: Wed, 05 Jul 2017 09:50:54 +0000
Local clock offset: 1.481 ms
Remote clock offset: -17.577 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 11.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 11.859 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

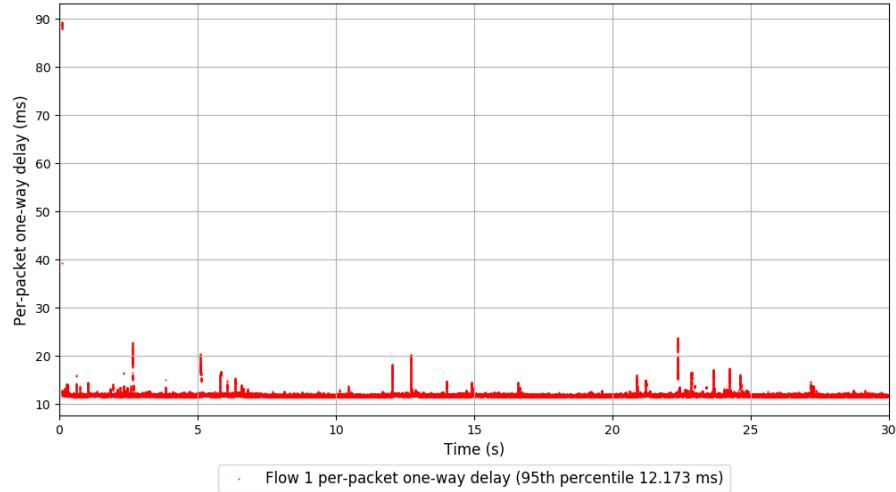
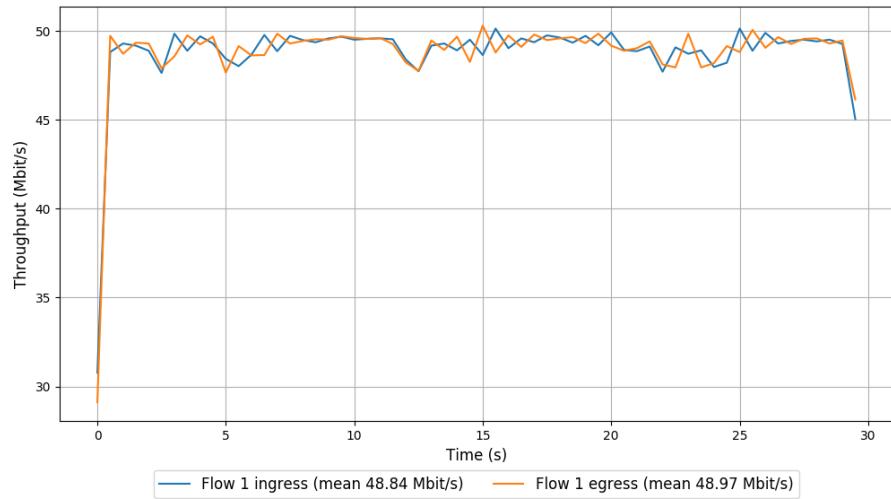


Run 10: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 10:08:18 +0000
End at: Wed, 05 Jul 2017 10:08:48 +0000
Local clock offset: 0.839 ms
Remote clock offset: -17.598 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 12.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 12.173 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

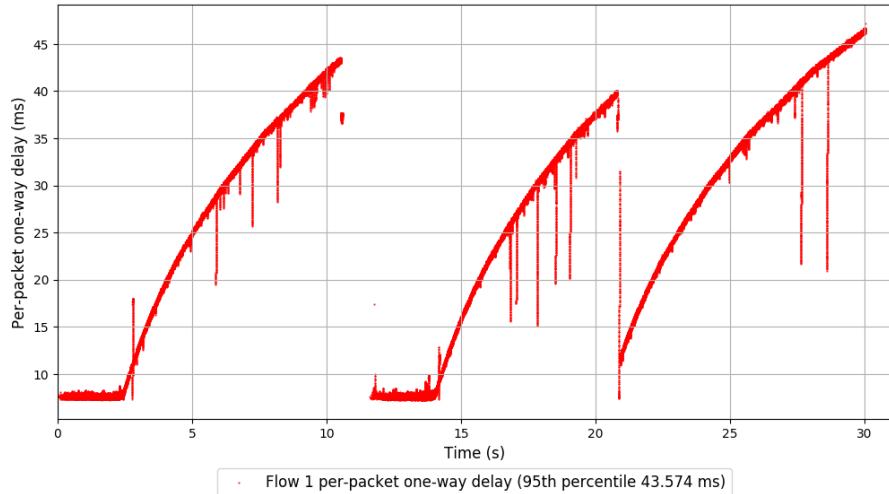
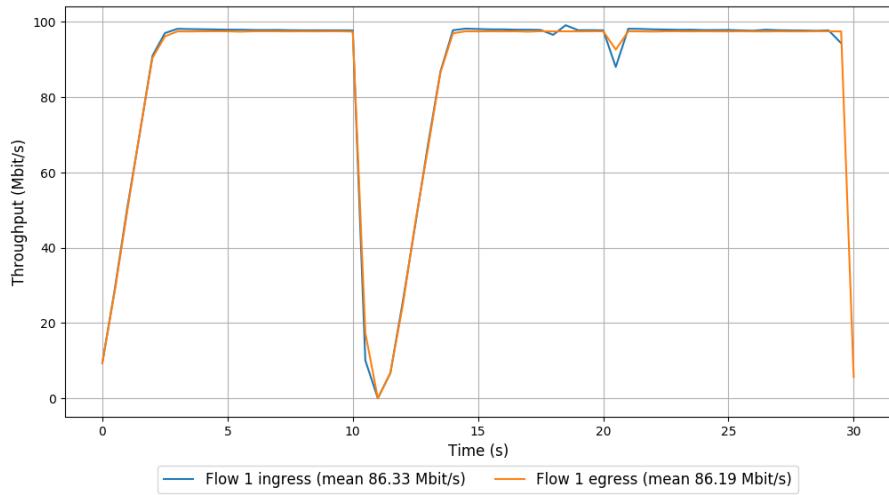


```
Run 1: Statistics of LEDBAT
```

```
Start at: Wed, 05 Jul 2017 07:23:11 +0000
End at: Wed, 05 Jul 2017 07:23:41 +0000
Local clock offset: 1.521 ms
Remote clock offset: -12.314 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 43.574 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 43.574 ms
Loss rate: 0.03%
```

Run 1: Report of LEDBAT — Data Link

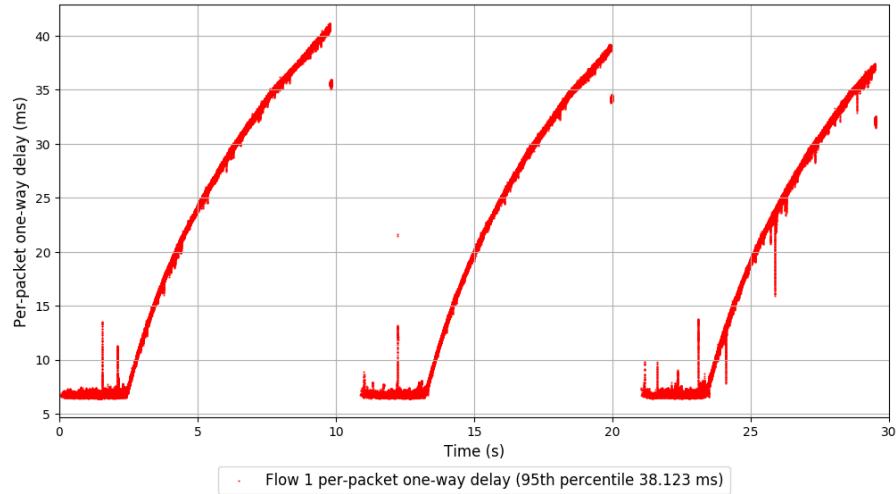
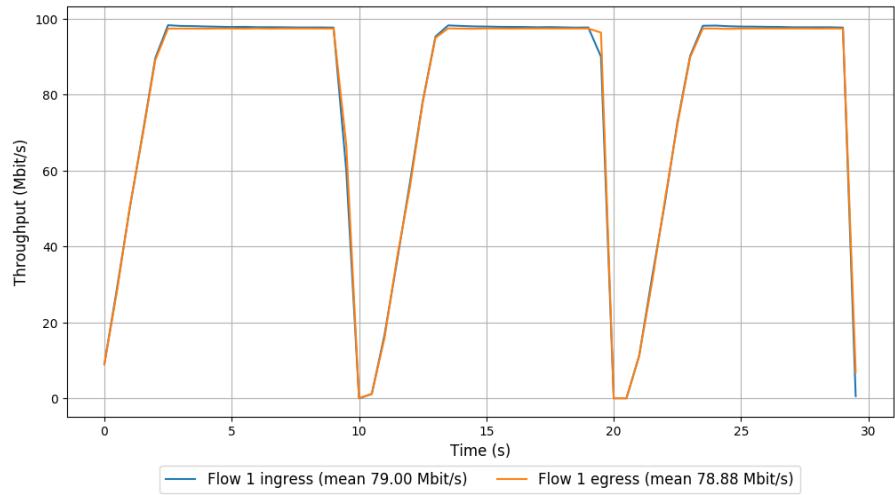


Run 2: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 07:40:37 +0000
End at: Wed, 05 Jul 2017 07:41:07 +0000
Local clock offset: 2.077 ms
Remote clock offset: -11.661 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 38.123 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 38.123 ms
Loss rate: 0.06%
```

Run 2: Report of LEDBAT — Data Link

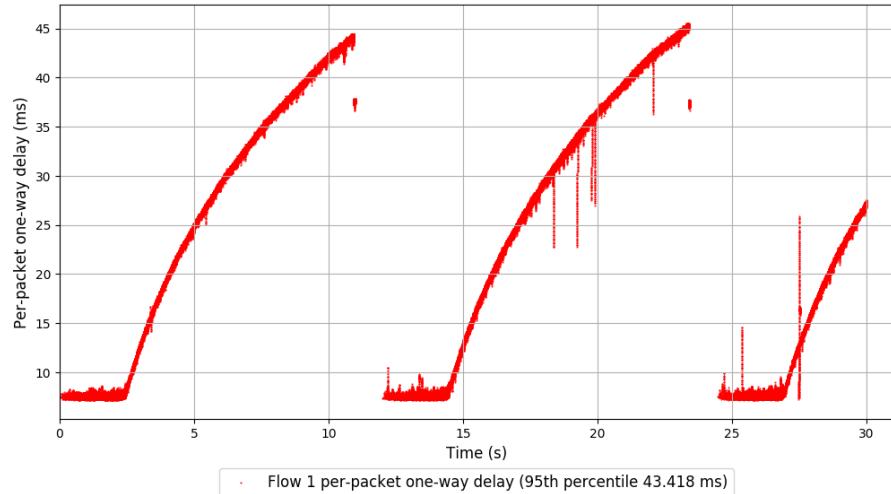
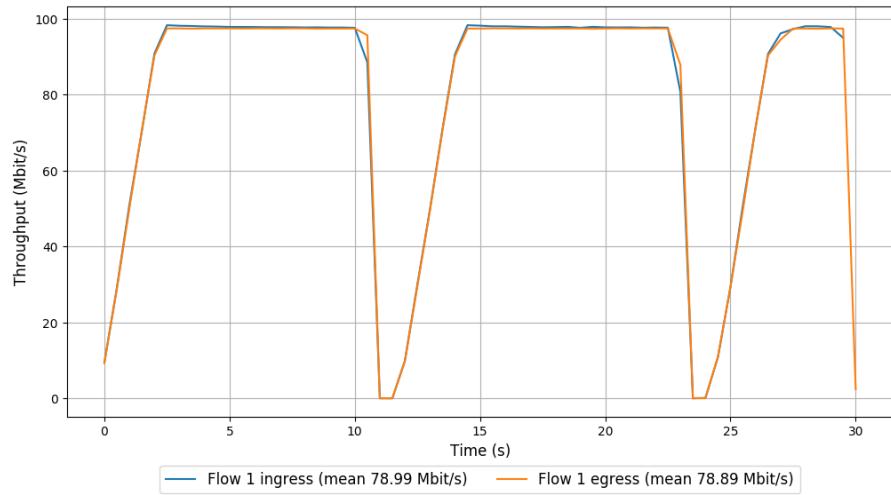


Run 3: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 07:58:15 +0000
End at: Wed, 05 Jul 2017 07:58:45 +0000
Local clock offset: 0.835 ms
Remote clock offset: -13.496 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 43.418 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 43.418 ms
Loss rate: 0.06%
```

Run 3: Report of LEDBAT — Data Link

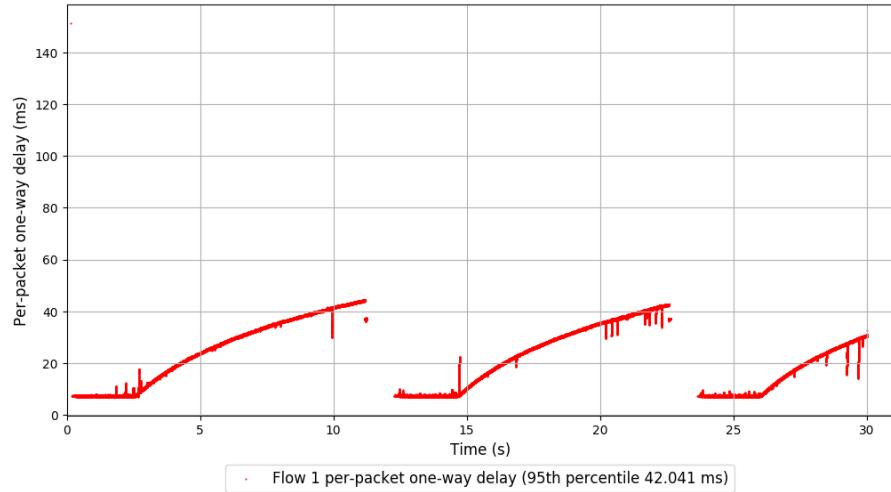
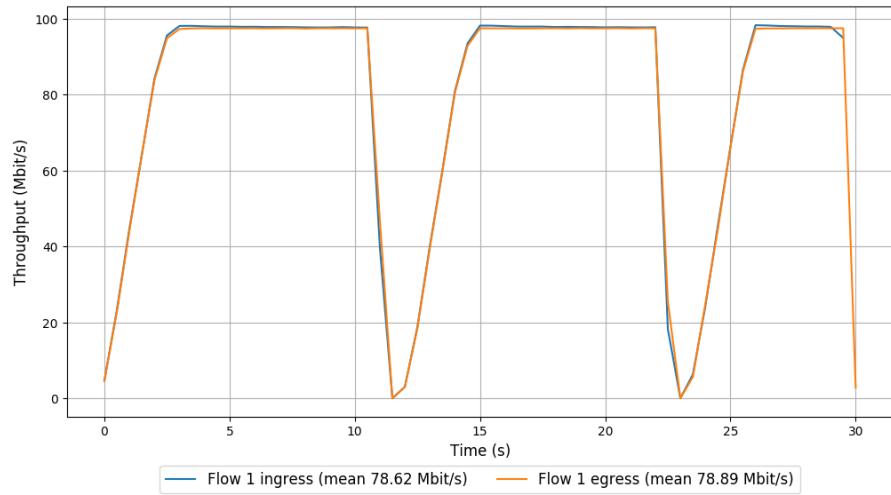


Run 4: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:15:40 +0000
End at: Wed, 05 Jul 2017 08:16:10 +0000
Local clock offset: 0.04 ms
Remote clock offset: -13.283 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 42.041 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 42.041 ms
Loss rate: 0.06%
```

Run 4: Report of LEDBAT — Data Link

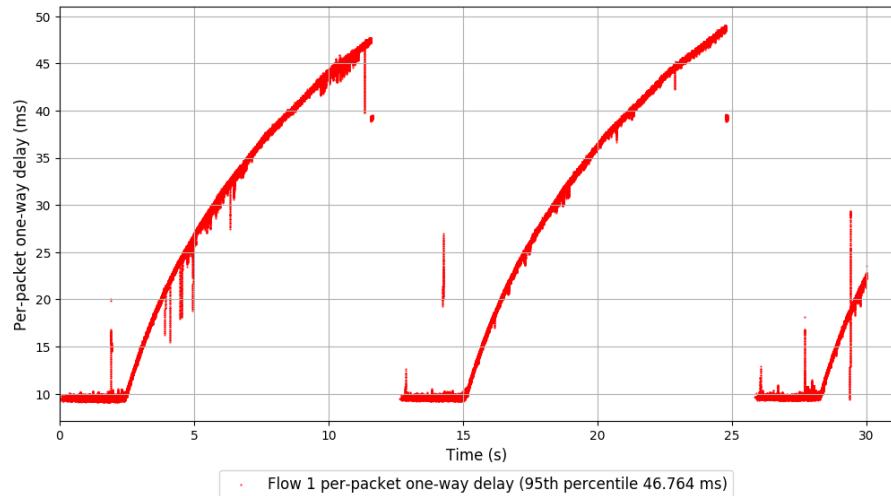
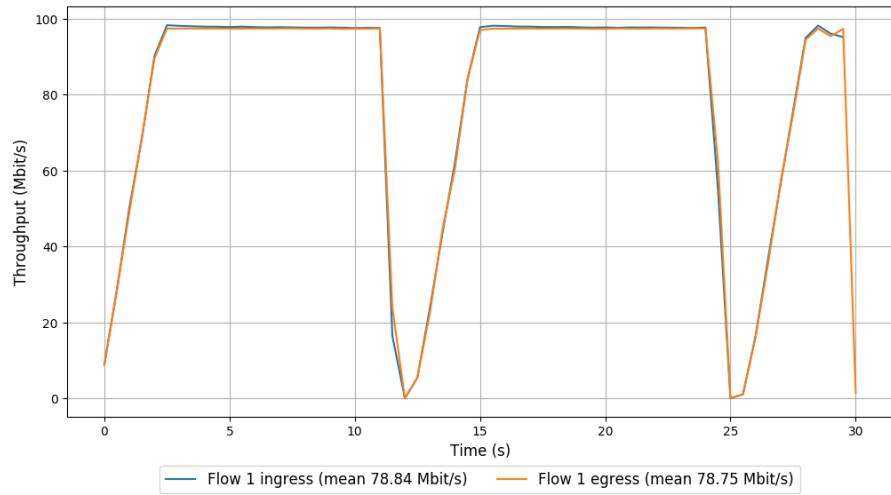


Run 5: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:32:56 +0000
End at: Wed, 05 Jul 2017 08:33:26 +0000
Local clock offset: 1.684 ms
Remote clock offset: -15.132 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 46.764 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 46.764 ms
Loss rate: 0.08%
```

Run 5: Report of LEDBAT — Data Link

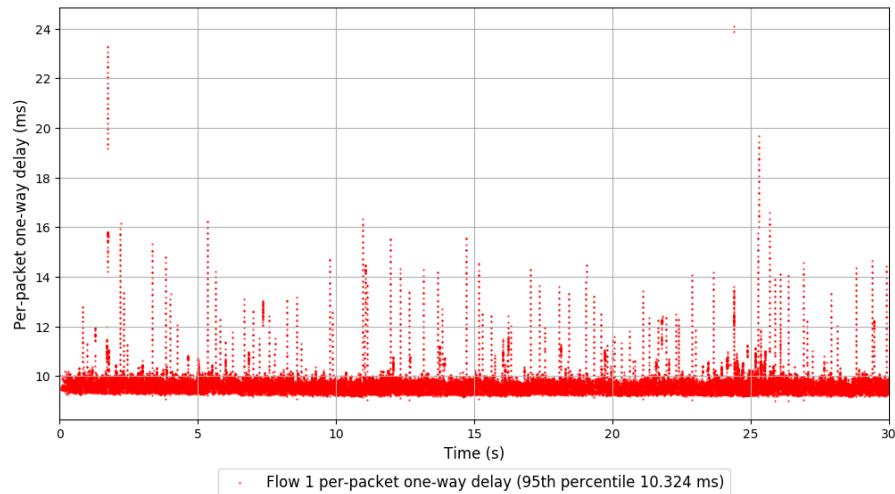
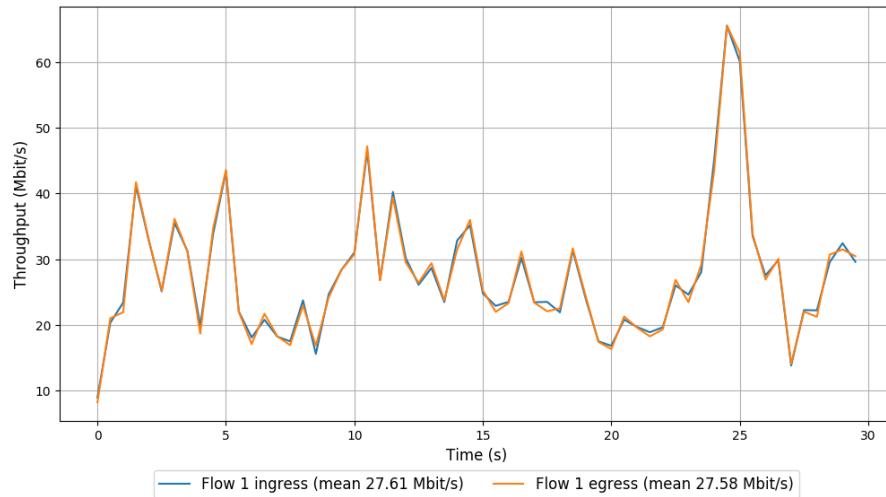


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:50:18 +0000
End at: Wed, 05 Jul 2017 08:50:48 +0000
Local clock offset: 2.463 ms
Remote clock offset: -16.233 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 10.324 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 10.324 ms
Loss rate: 0.12%
```

Run 6: Report of LEDBAT — Data Link

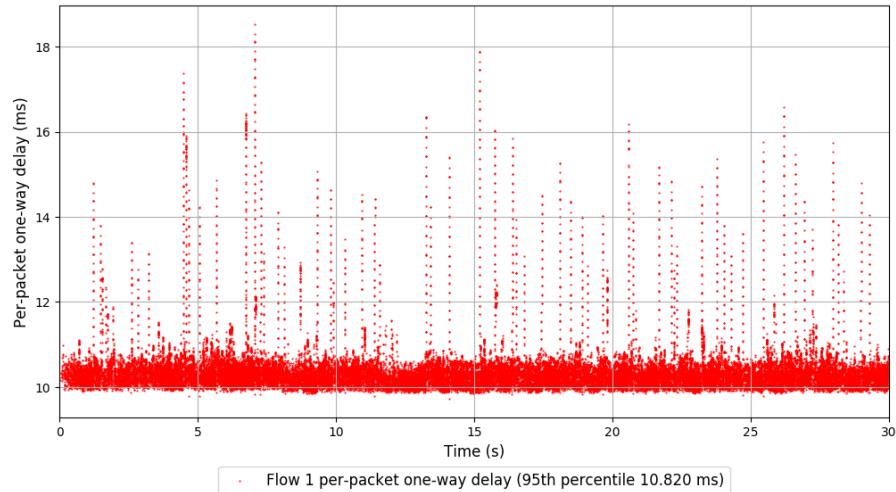
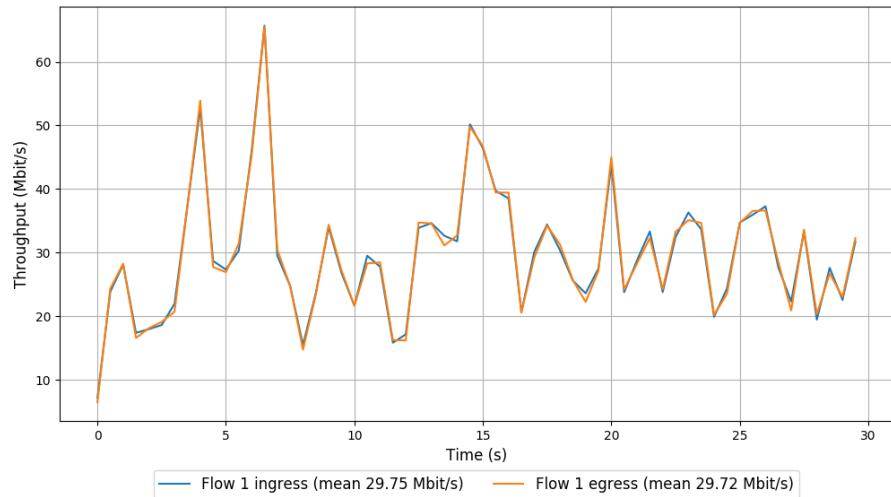


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:07:34 +0000
End at: Wed, 05 Jul 2017 09:08:04 +0000
Local clock offset: 3.343 ms
Remote clock offset: -15.351 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.72 Mbit/s
95th percentile per-packet one-way delay: 10.820 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 29.72 Mbit/s
95th percentile per-packet one-way delay: 10.820 ms
Loss rate: 0.10%
```

Run 7: Report of LEDBAT — Data Link

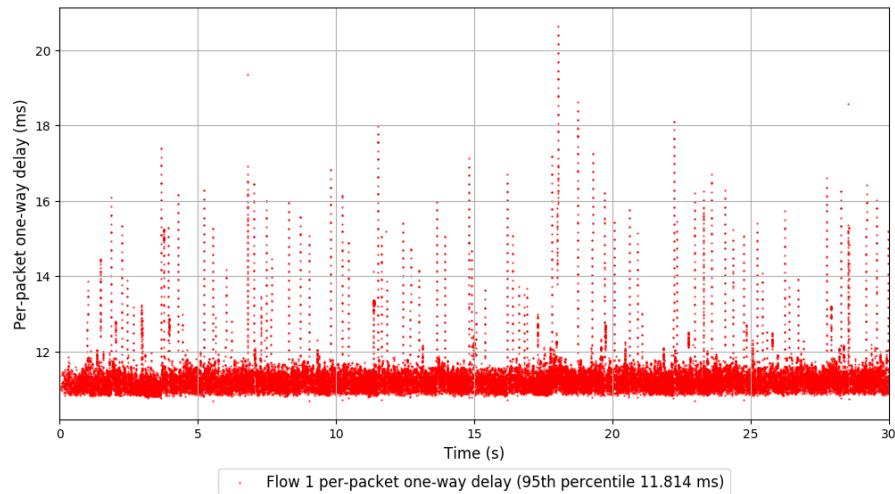
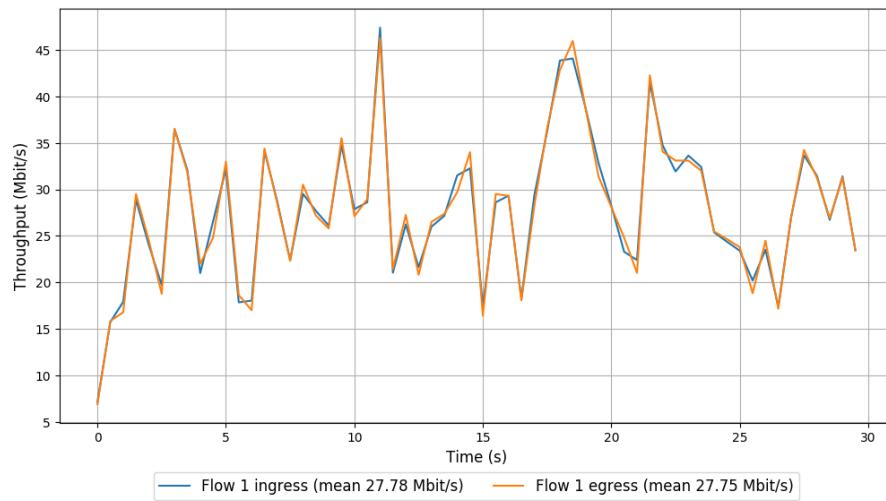


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:24:44 +0000
End at: Wed, 05 Jul 2017 09:25:14 +0000
Local clock offset: 2.172 ms
Remote clock offset: -16.521 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 11.814 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 11.814 ms
Loss rate: 0.11%
```

Run 8: Report of LEDBAT — Data Link

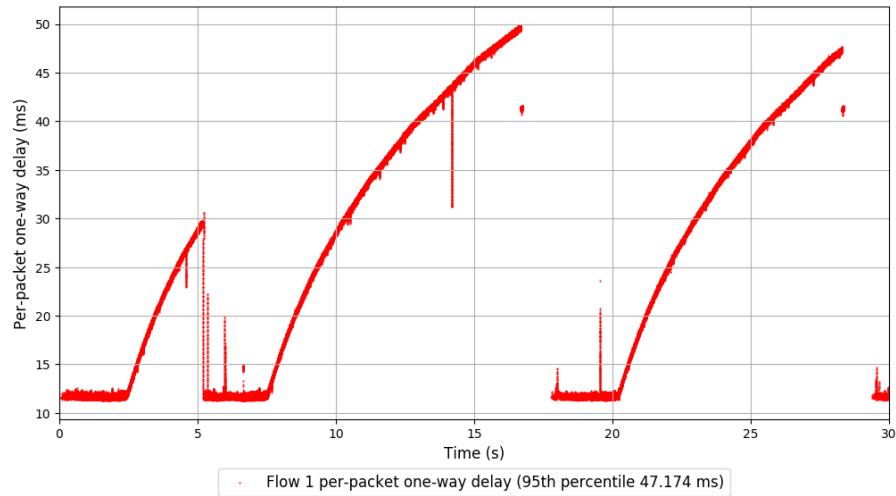
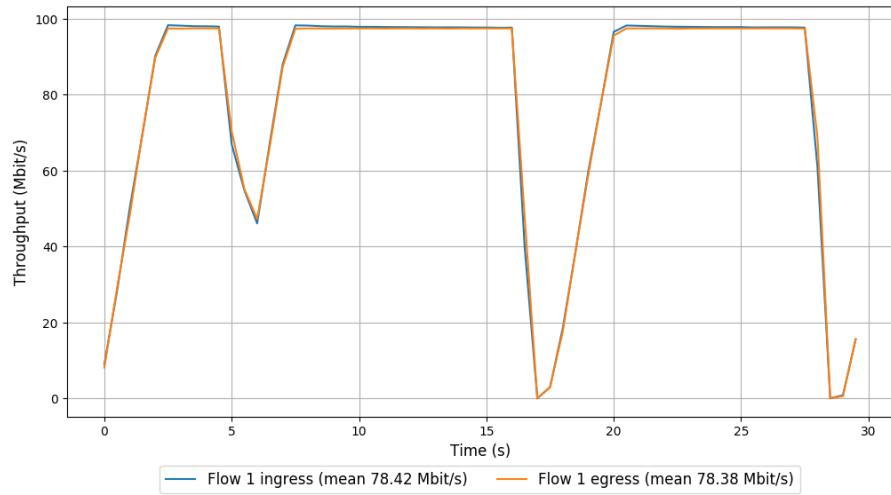


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:42:00 +0000
End at: Wed, 05 Jul 2017 09:42:30 +0000
Local clock offset: 3.826 ms
Remote clock offset: -17.856 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 47.174 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 47.174 ms
Loss rate: 0.07%
```

Run 9: Report of LEDBAT — Data Link

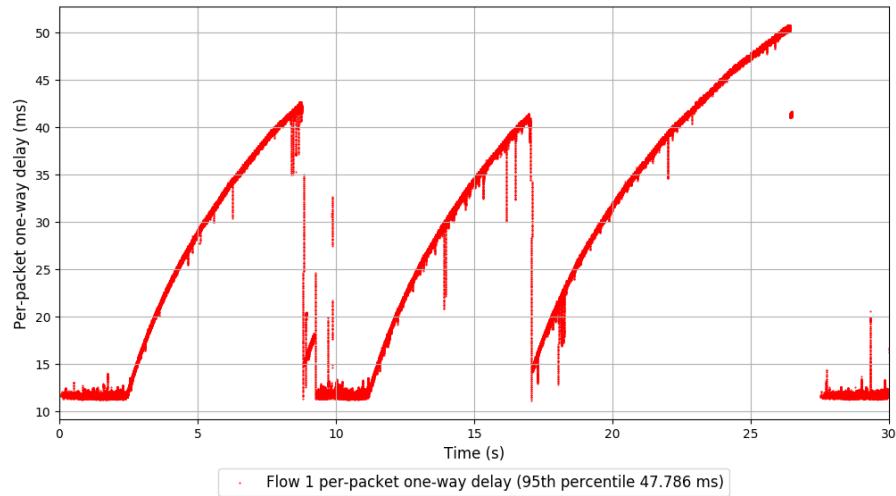
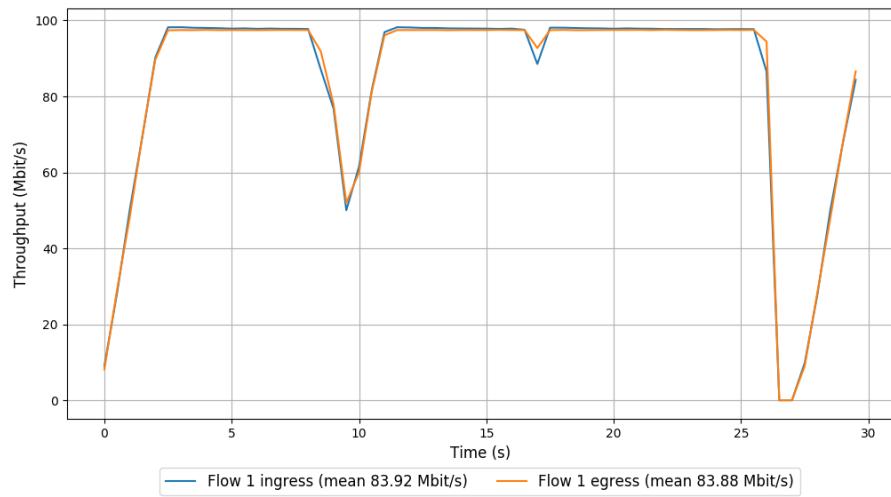


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:59:52 +0000
End at: Wed, 05 Jul 2017 10:00:22 +0000
Local clock offset: 2.099 ms
Remote clock offset: -16.764 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 47.786 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 47.786 ms
Loss rate: 0.04%
```

Run 10: Report of LEDBAT — Data Link

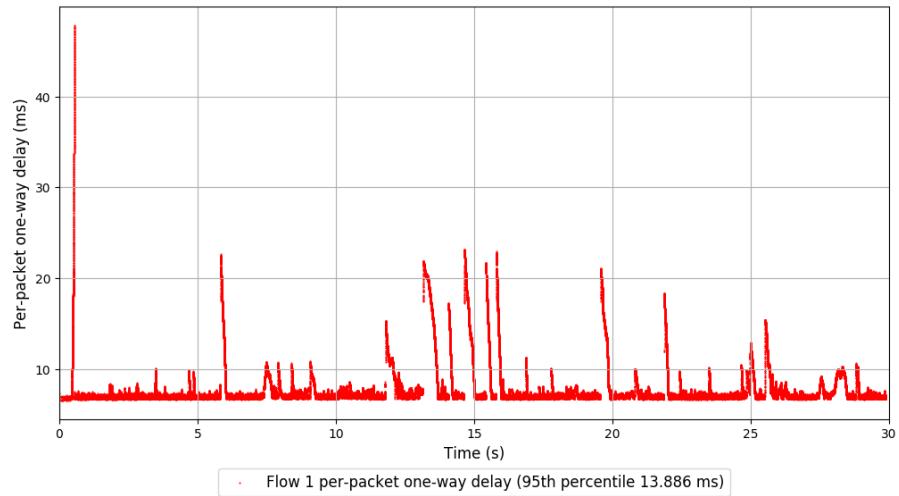
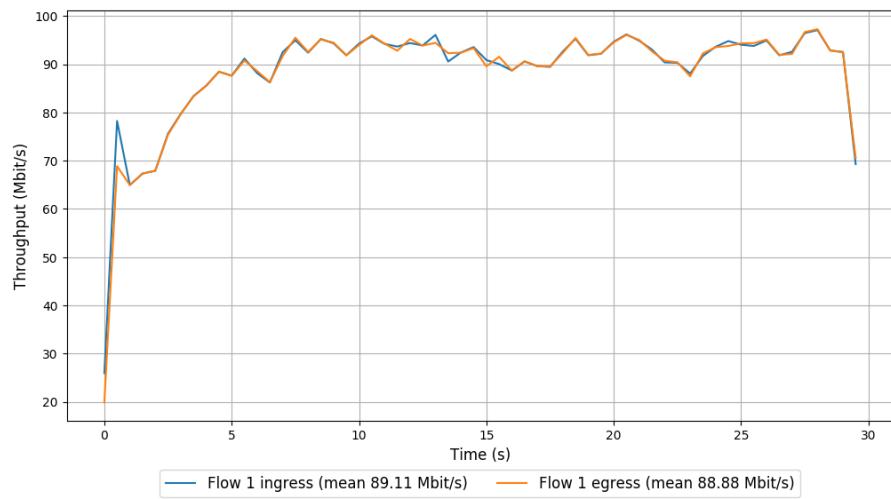


Run 1: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:30:18 +0000
End at: Wed, 05 Jul 2017 07:30:48 +0000
Local clock offset: 1.47 ms
Remote clock offset: -12.998 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.88 Mbit/s
95th percentile per-packet one-way delay: 13.886 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 88.88 Mbit/s
95th percentile per-packet one-way delay: 13.886 ms
Loss rate: 0.27%
```

Run 1: Report of PCC — Data Link

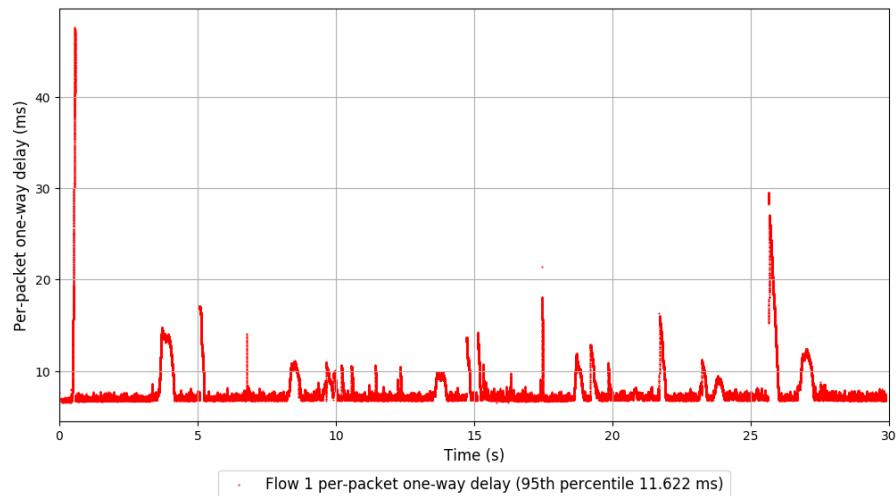
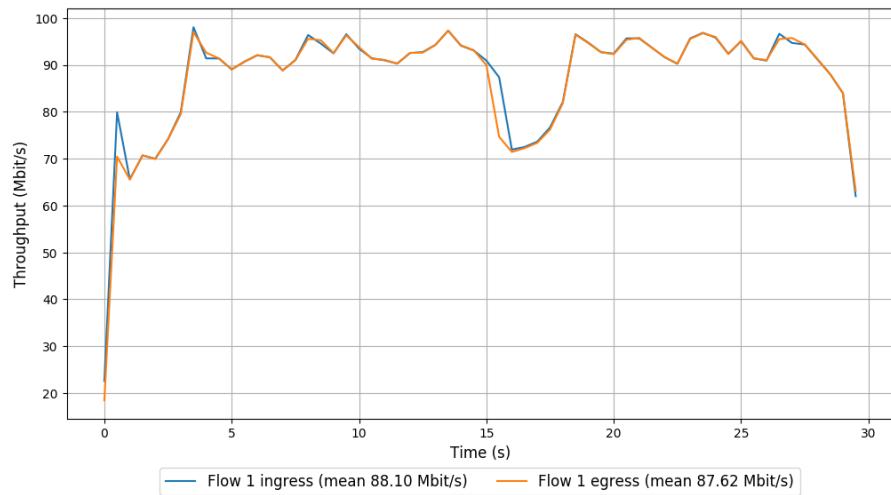


Run 2: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:47:45 +0000
End at: Wed, 05 Jul 2017 07:48:15 +0000
Local clock offset: -1.563 ms
Remote clock offset: -13.691 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 11.622 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 11.622 ms
Loss rate: 0.54%
```

Run 2: Report of PCC — Data Link

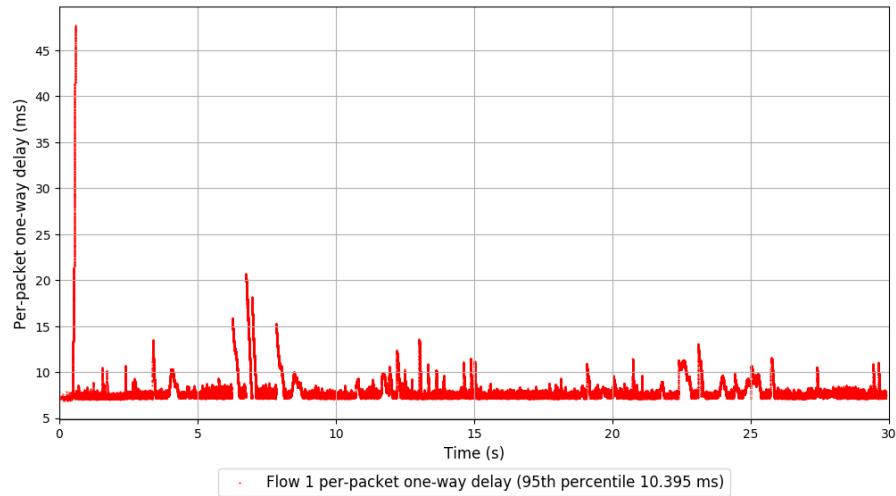
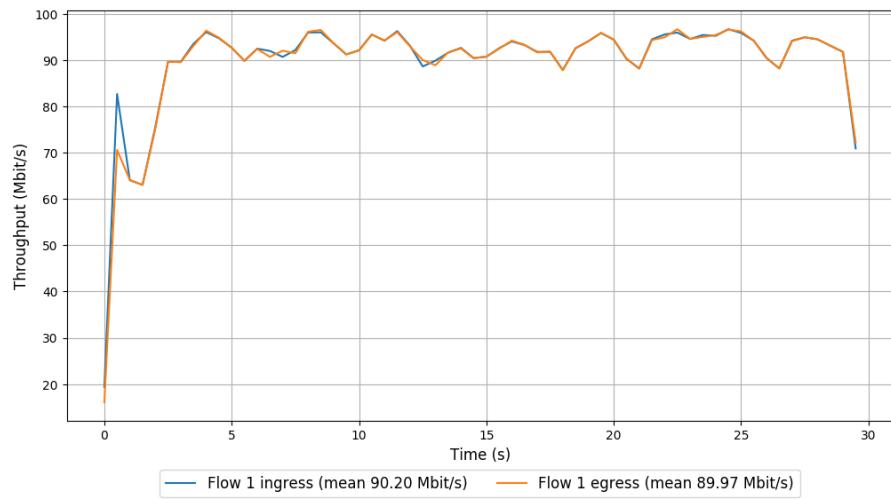


Run 3: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:05:16 +0000
End at: Wed, 05 Jul 2017 08:05:46 +0000
Local clock offset: 0.5 ms
Remote clock offset: -12.78 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 10.395 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 10.395 ms
Loss rate: 0.27%
```

Run 3: Report of PCC — Data Link

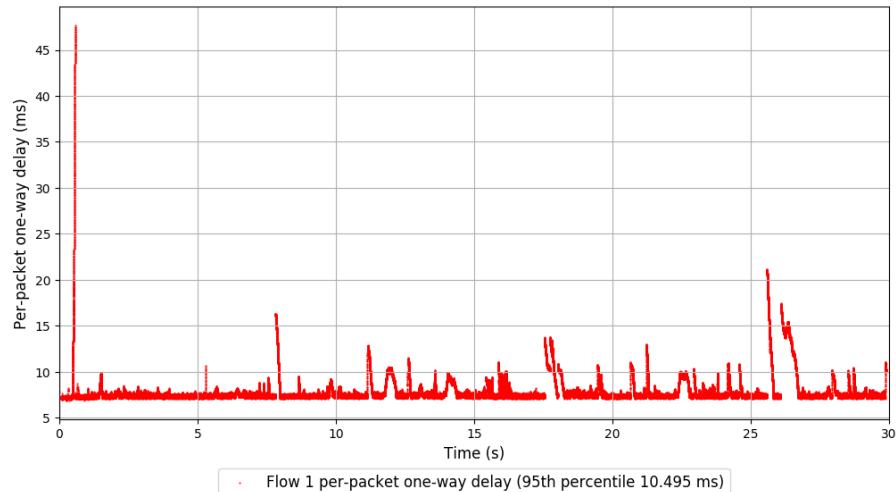
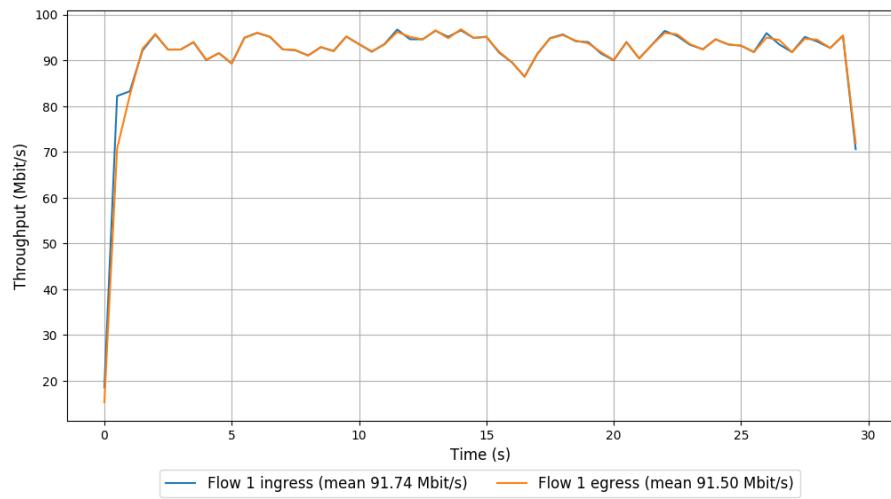


Run 4: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:22:42 +0000
End at: Wed, 05 Jul 2017 08:23:12 +0000
Local clock offset: 1.132 ms
Remote clock offset: -11.648 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 10.495 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 10.495 ms
Loss rate: 0.25%
```

Run 4: Report of PCC — Data Link

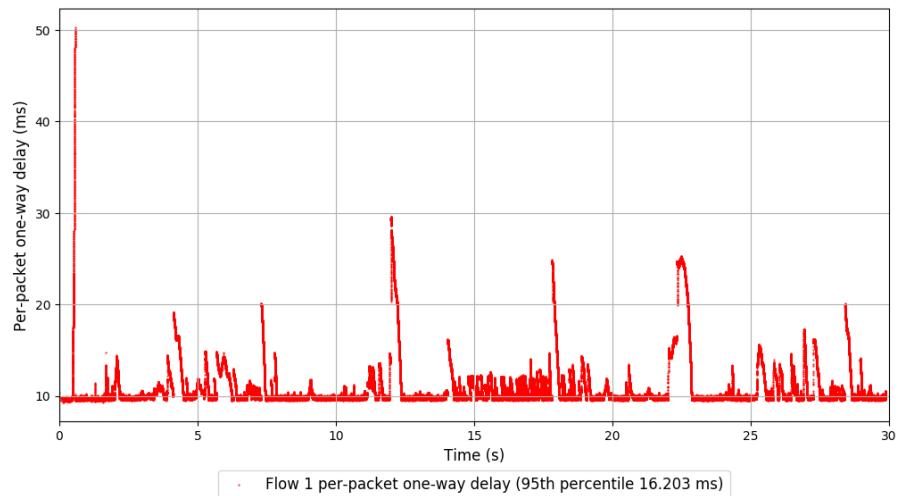
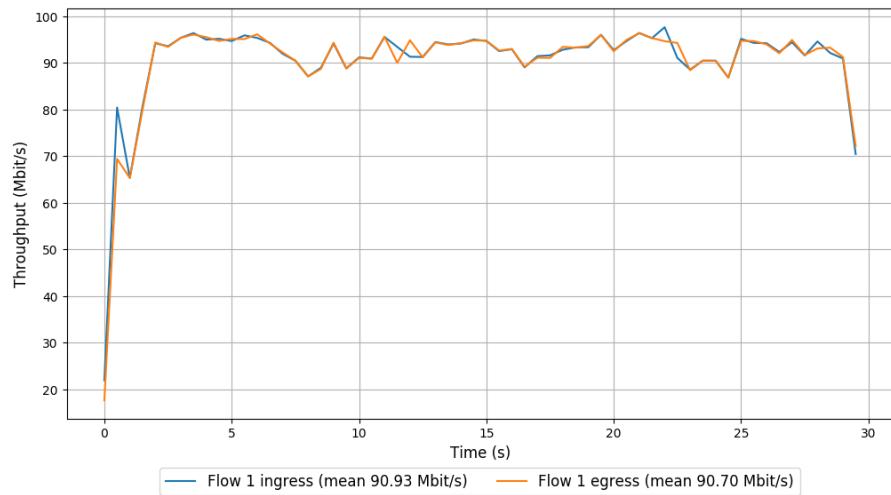


Run 5: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:40:02 +0000
End at: Wed, 05 Jul 2017 08:40:32 +0000
Local clock offset: 2.122 ms
Remote clock offset: -15.089 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 16.203 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 16.203 ms
Loss rate: 0.26%
```

Run 5: Report of PCC — Data Link

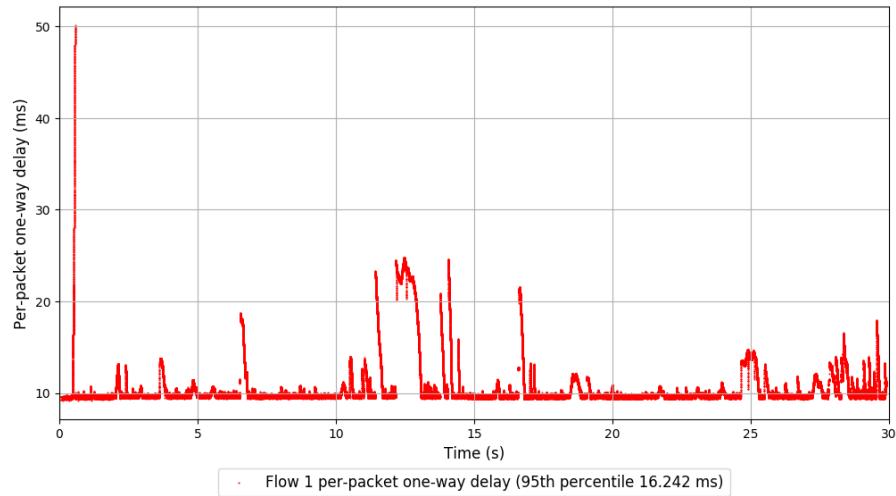
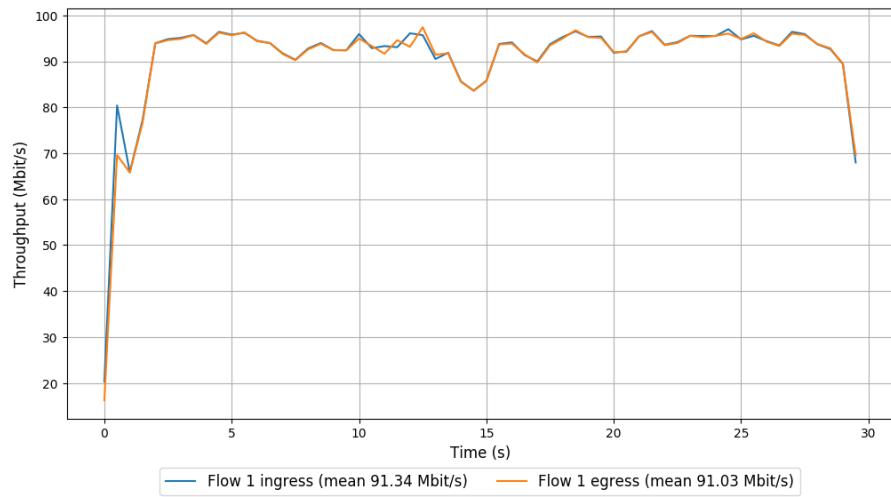


Run 6: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:57:14 +0000
End at: Wed, 05 Jul 2017 08:57:44 +0000
Local clock offset: 2.423 ms
Remote clock offset: -14.412 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 16.242 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 16.242 ms
Loss rate: 0.36%
```

Run 6: Report of PCC — Data Link

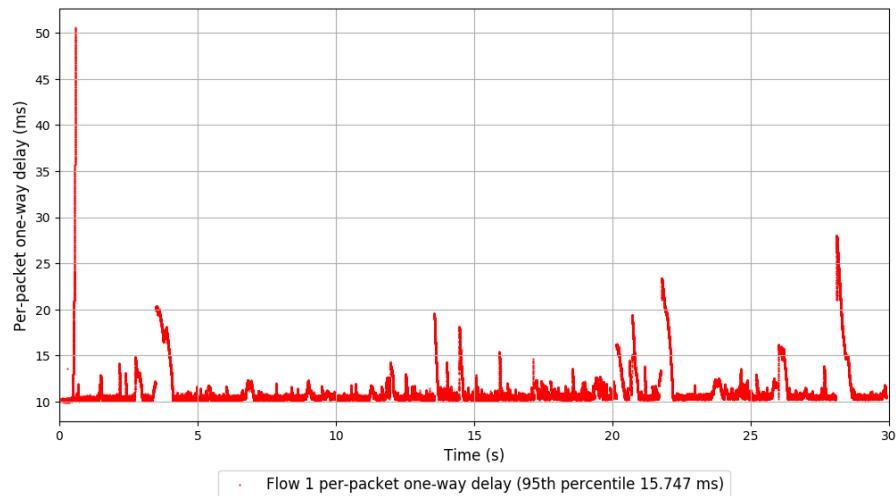
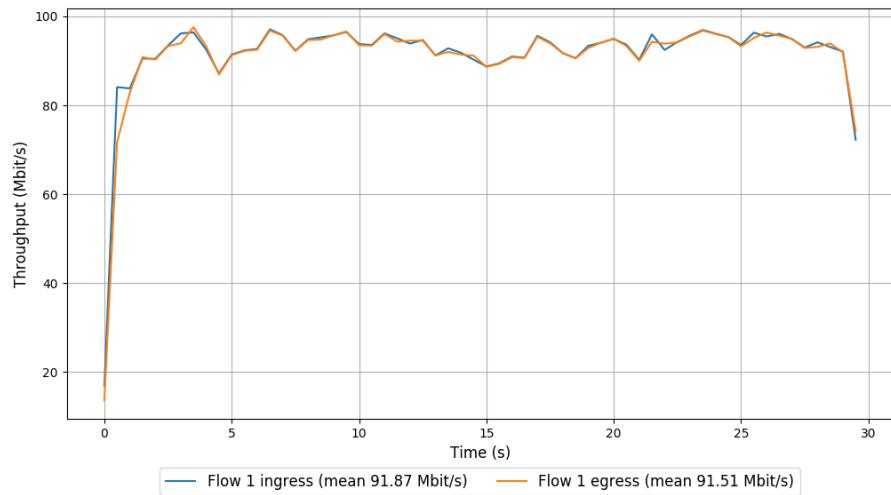


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:14:26 +0000
End at: Wed, 05 Jul 2017 09:14:56 +0000
Local clock offset: 0.709 ms
Remote clock offset: -16.0 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 15.747 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 15.747 ms
Loss rate: 0.40%
```

Run 7: Report of PCC — Data Link

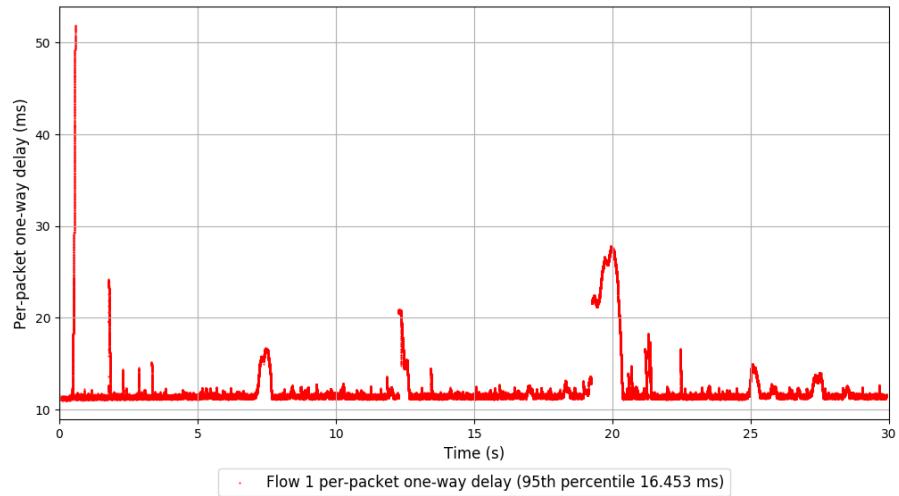
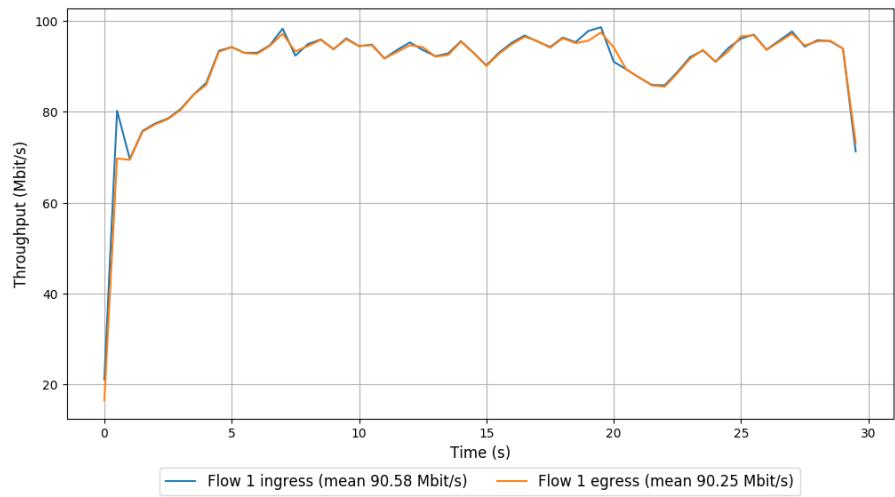


Run 8: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:31:40 +0000
End at: Wed, 05 Jul 2017 09:32:10 +0000
Local clock offset: 2.575 ms
Remote clock offset: -15.201 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 16.453 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 16.453 ms
Loss rate: 0.39%
```

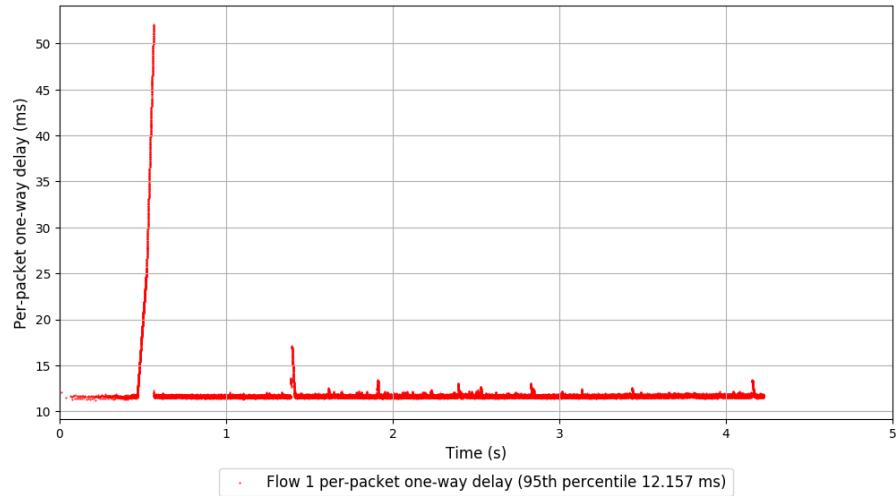
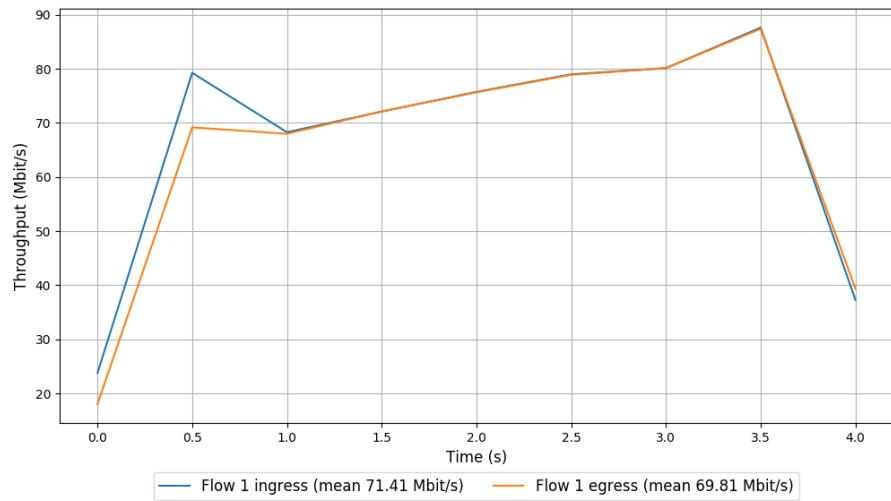
Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:49:18 +0000
End at: Wed, 05 Jul 2017 09:49:48 +0000
Local clock offset: 0.681 ms
Remote clock offset: -17.431 ms

Run 9: Report of PCC — Data Link

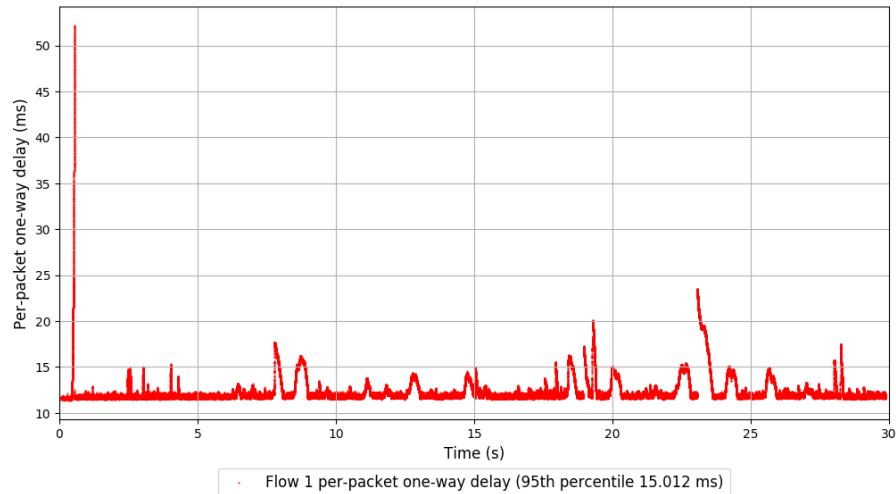
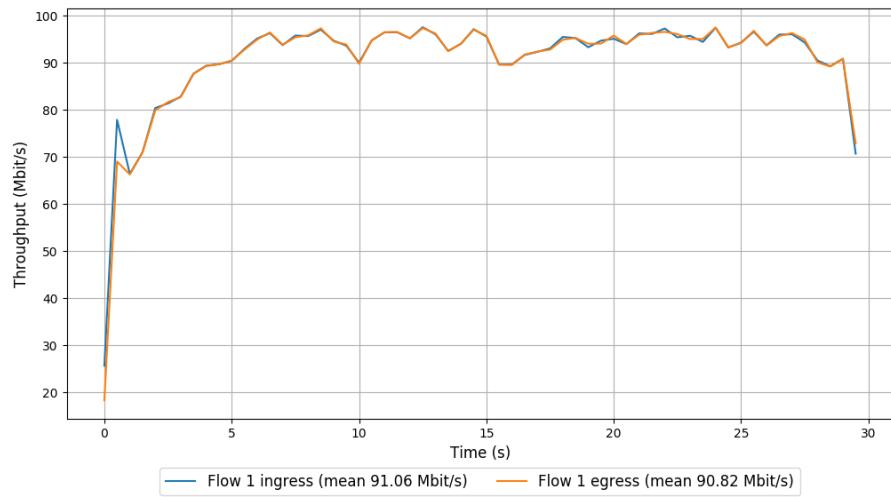


Run 10: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:07:06 +0000
End at: Wed, 05 Jul 2017 10:07:36 +0000
Local clock offset: 2.87 ms
Remote clock offset: -16.602 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 15.012 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 15.012 ms
Loss rate: 0.27%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

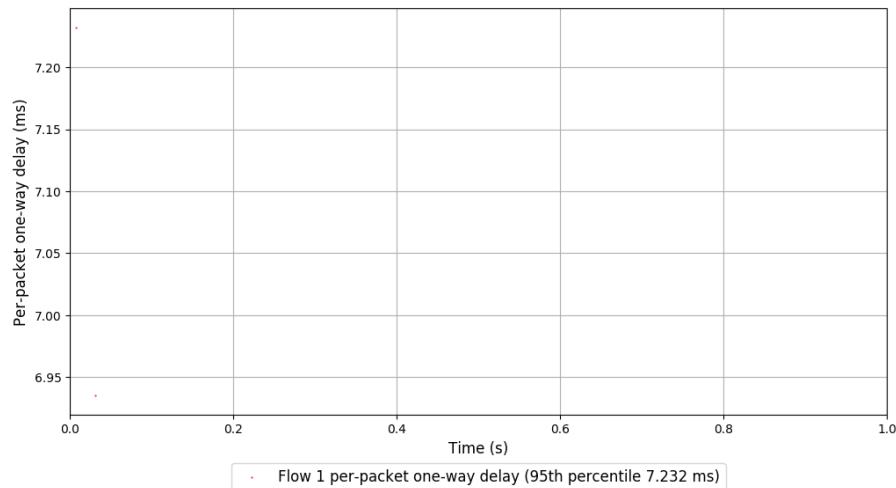
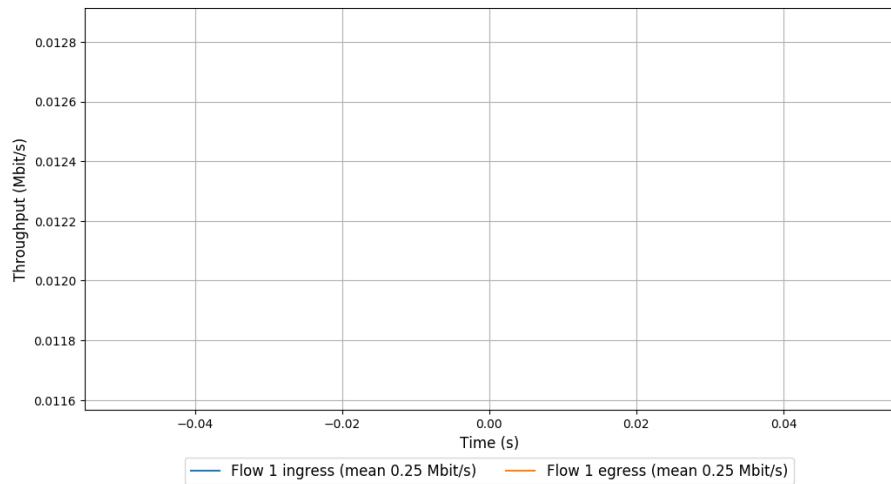
Start at: Wed, 05 Jul 2017 07:25:31 +0000

End at: Wed, 05 Jul 2017 07:26:01 +0000

Local clock offset: 1.086 ms

Remote clock offset: -13.952 ms

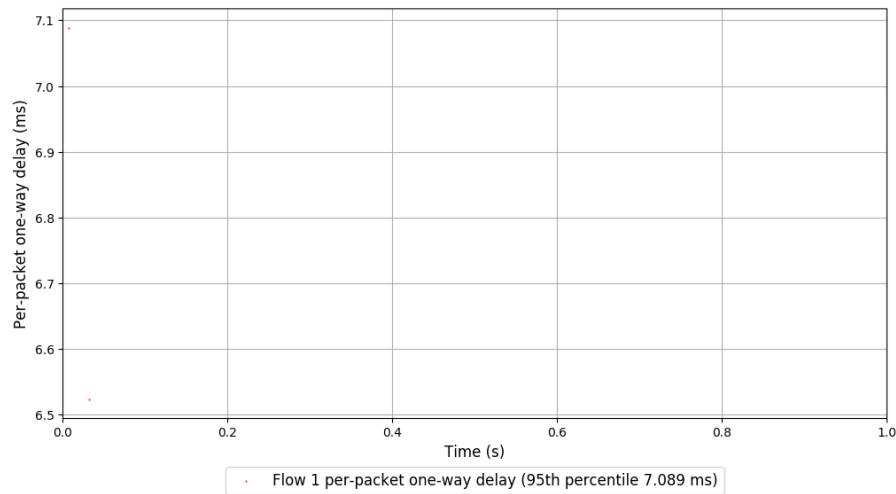
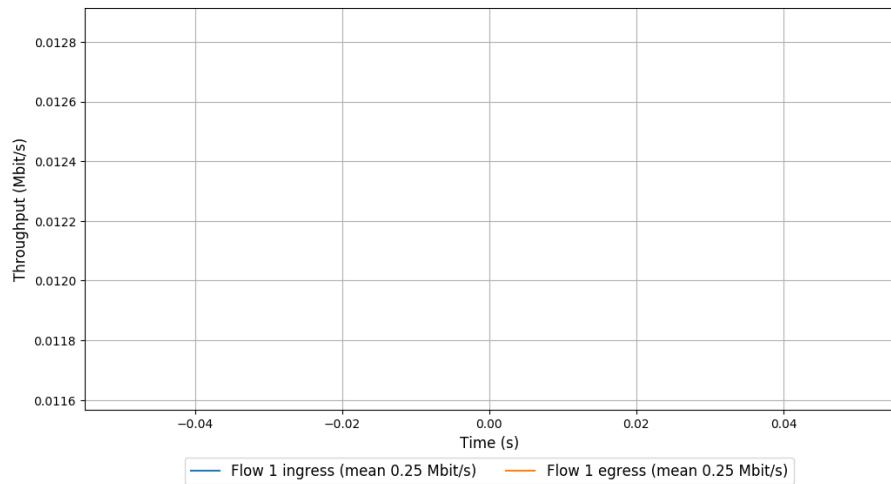
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 07:42:57 +0000
End at: Wed, 05 Jul 2017 07:43:27 +0000
Local clock offset: -0.569 ms
Remote clock offset: -12.466 ms

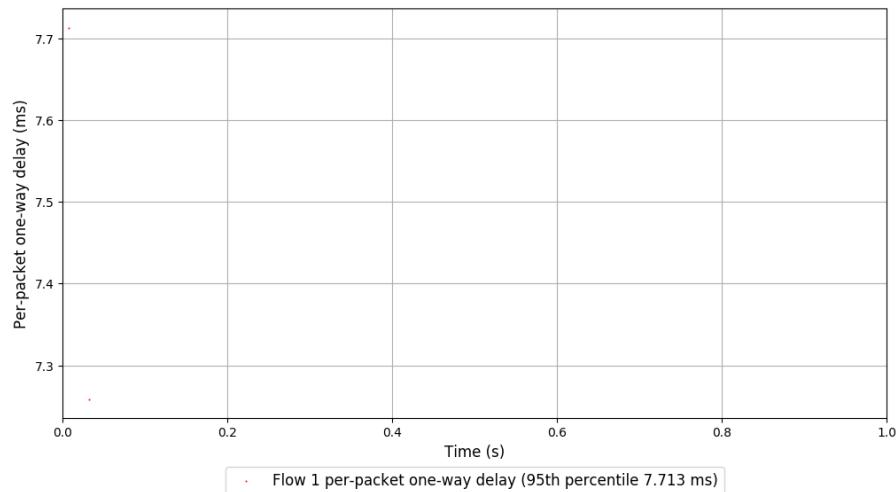
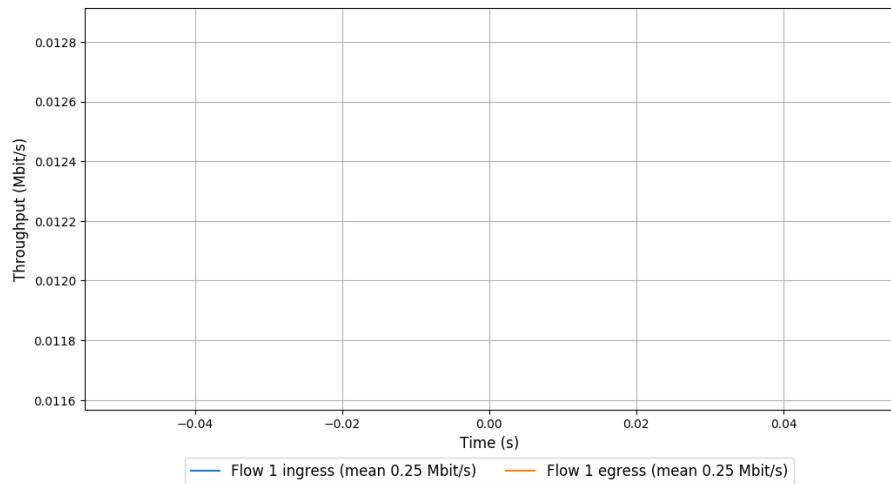
Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:00:32 +0000
End at: Wed, 05 Jul 2017 08:01:02 +0000
Local clock offset: -1.078 ms
Remote clock offset: -12.909 ms

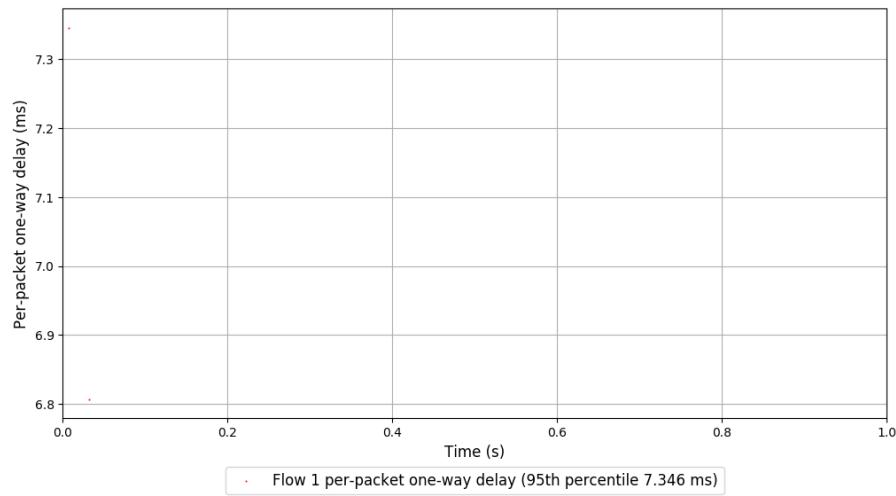
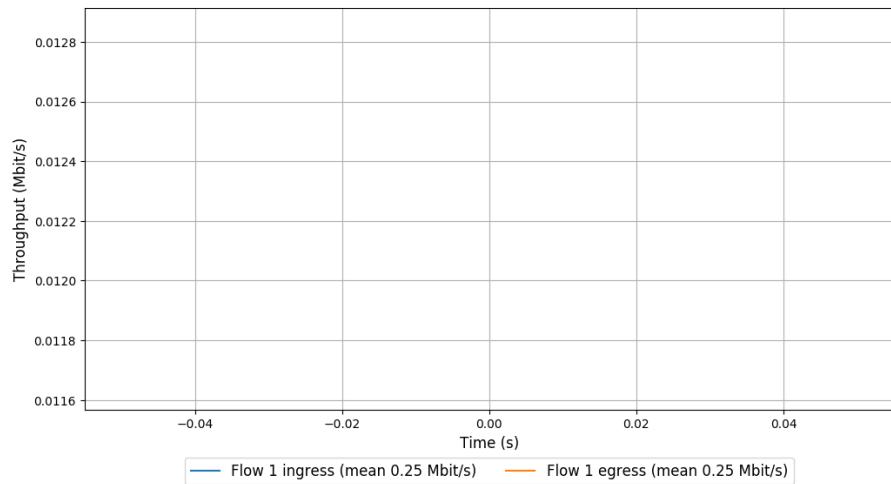
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:17:57 +0000
End at: Wed, 05 Jul 2017 08:18:27 +0000
Local clock offset: 2.122 ms
Remote clock offset: -12.955 ms

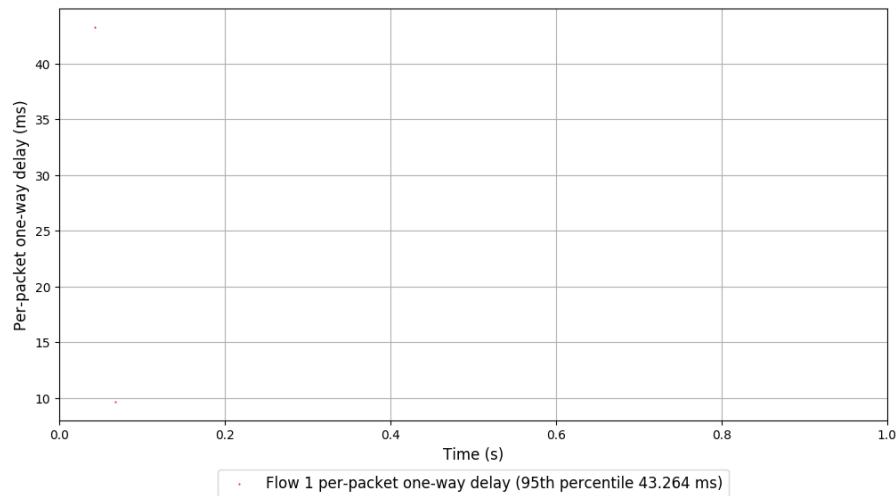
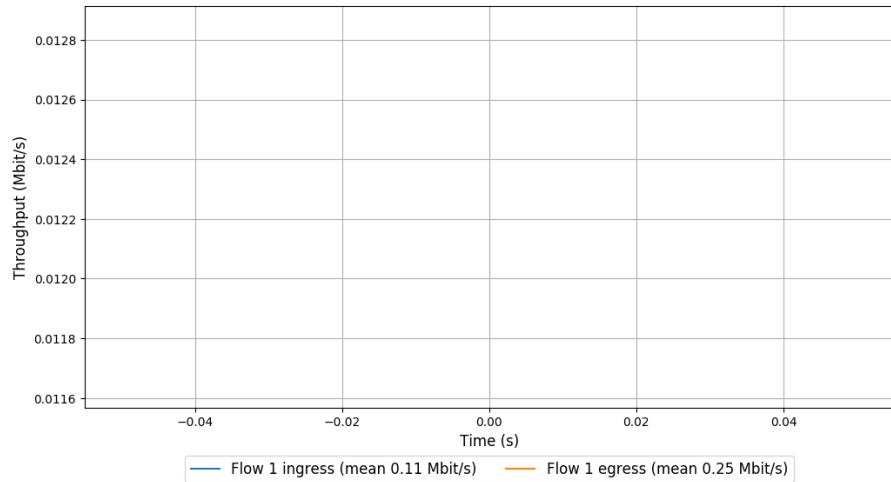
Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:35:15 +0000
End at: Wed, 05 Jul 2017 08:35:45 +0000
Local clock offset: 1.085 ms
Remote clock offset: -16.172 ms

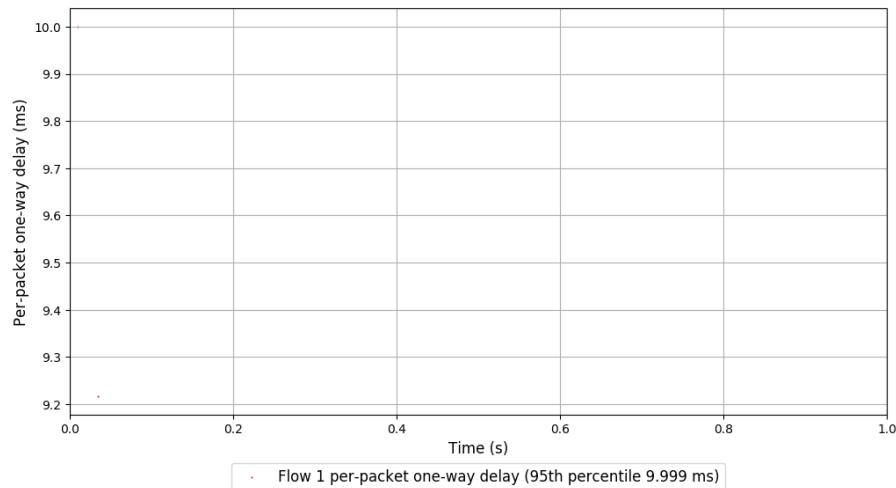
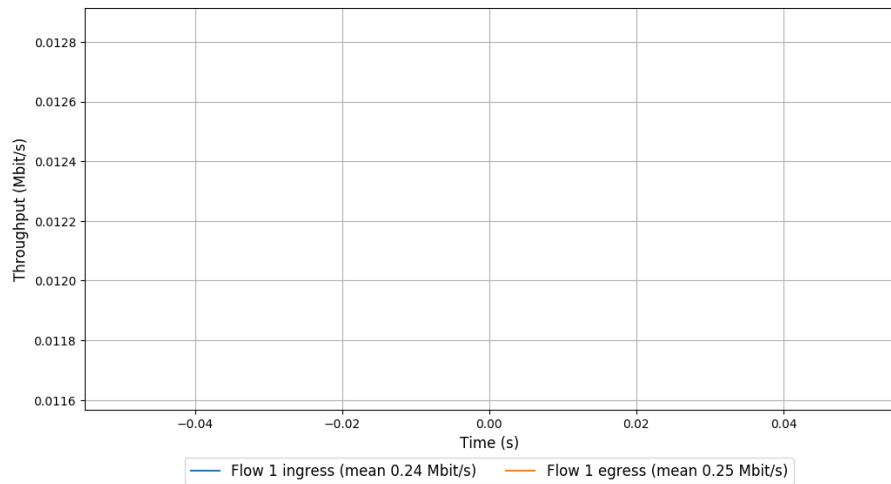
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:52:31 +0000
End at: Wed, 05 Jul 2017 08:53:01 +0000
Local clock offset: 1.563 ms
Remote clock offset: -13.94 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

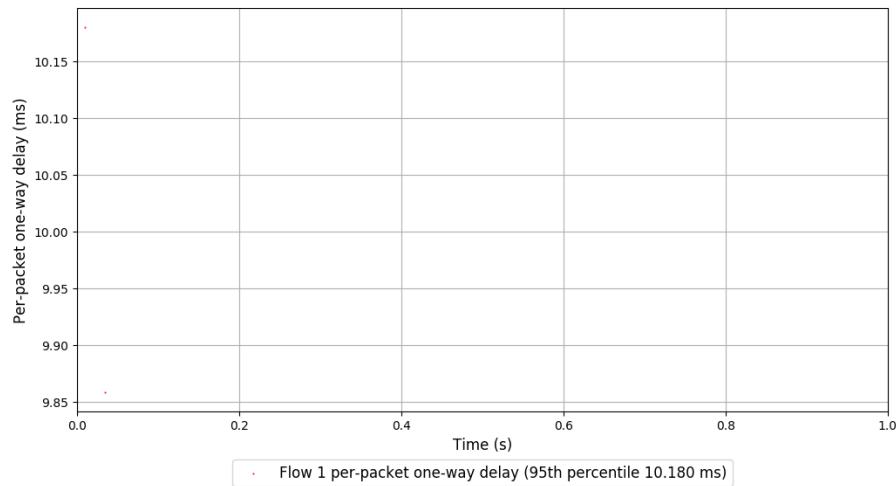
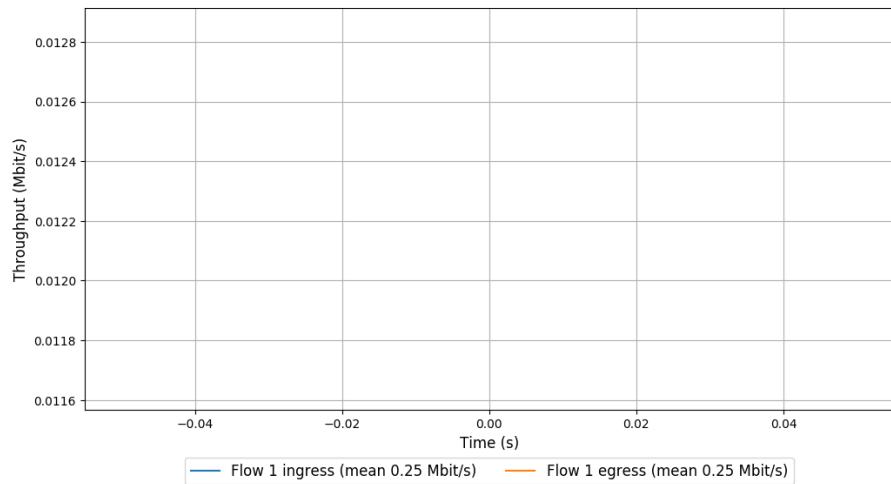
Start at: Wed, 05 Jul 2017 09:09:45 +0000

End at: Wed, 05 Jul 2017 09:10:16 +0000

Local clock offset: 3.013 ms

Remote clock offset: -14.586 ms

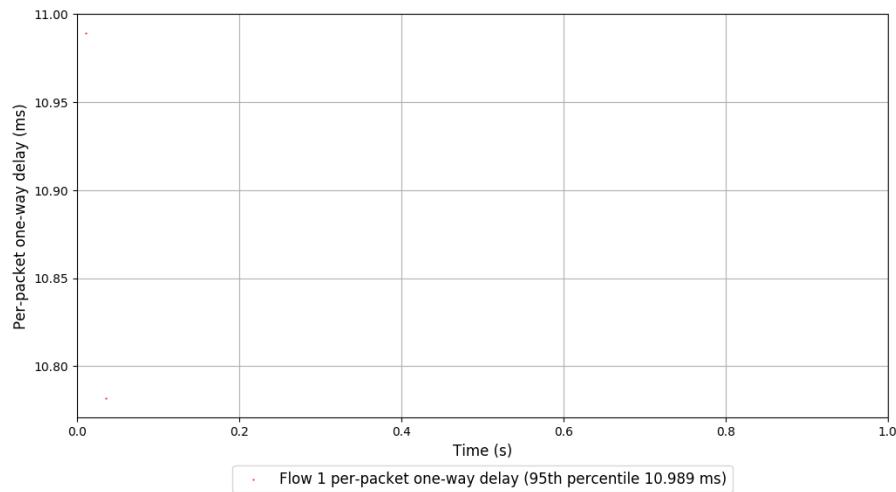
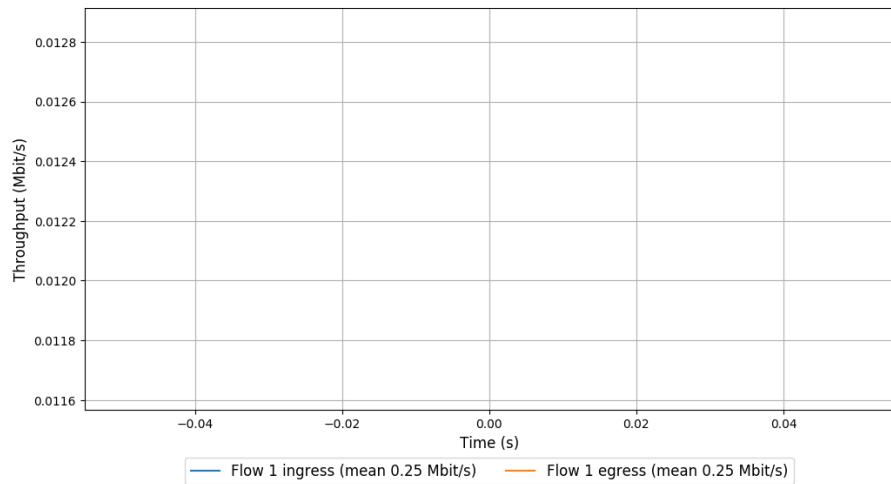
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 09:26:55 +0000
End at: Wed, 05 Jul 2017 09:27:25 +0000
Local clock offset: -0.02 ms
Remote clock offset: -16.803 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

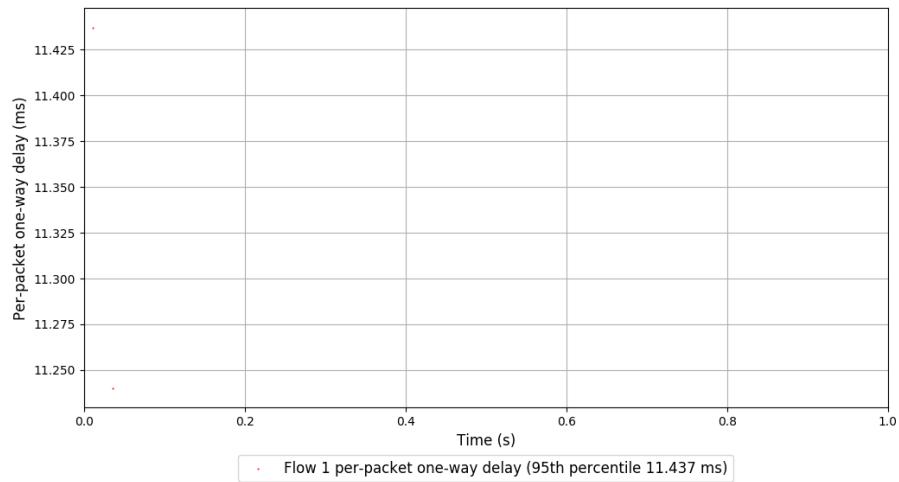
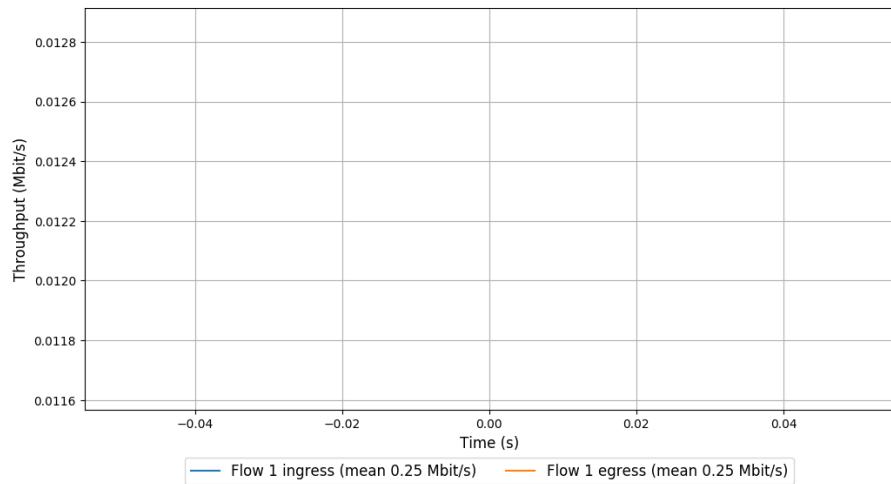
Start at: Wed, 05 Jul 2017 09:44:23 +0000

End at: Wed, 05 Jul 2017 09:44:53 +0000

Local clock offset: 2.947 ms

Remote clock offset: -16.532 ms

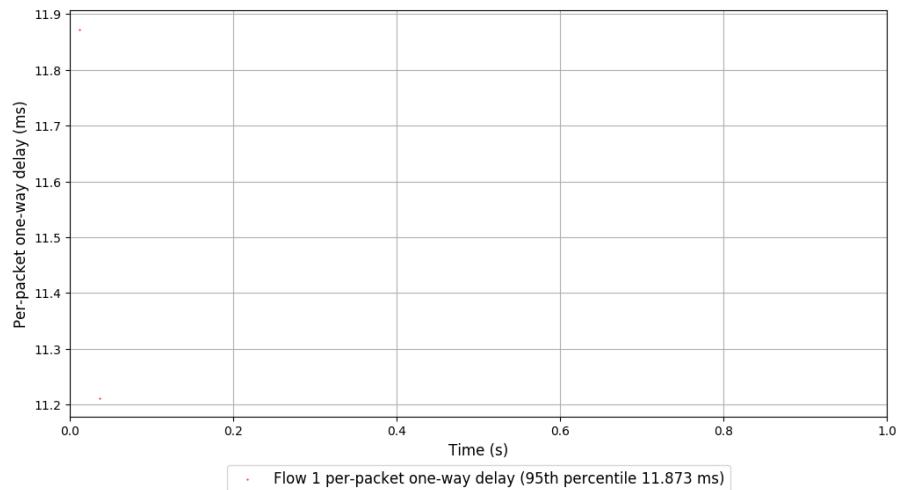
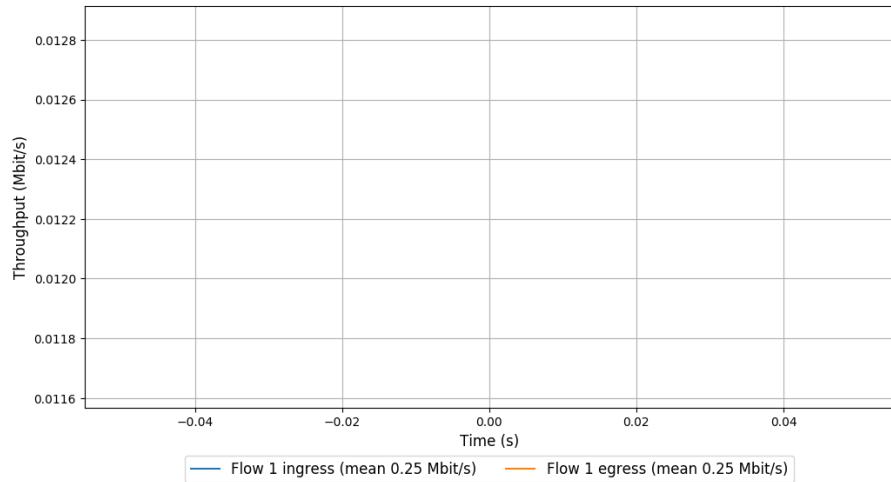
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:02:14 +0000
End at: Wed, 05 Jul 2017 10:02:44 +0000
Local clock offset: 2.179 ms
Remote clock offset: -15.915 ms

Run 10: Report of QUIC Cubic — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:18:29 +0000
```

```
End at: Wed, 05 Jul 2017 07:18:59 +0000
```

```
Local clock offset: 1.799 ms
```

```
Remote clock offset: -12.289 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 96.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.280 ms
```

```
Loss rate: 0.00%
```

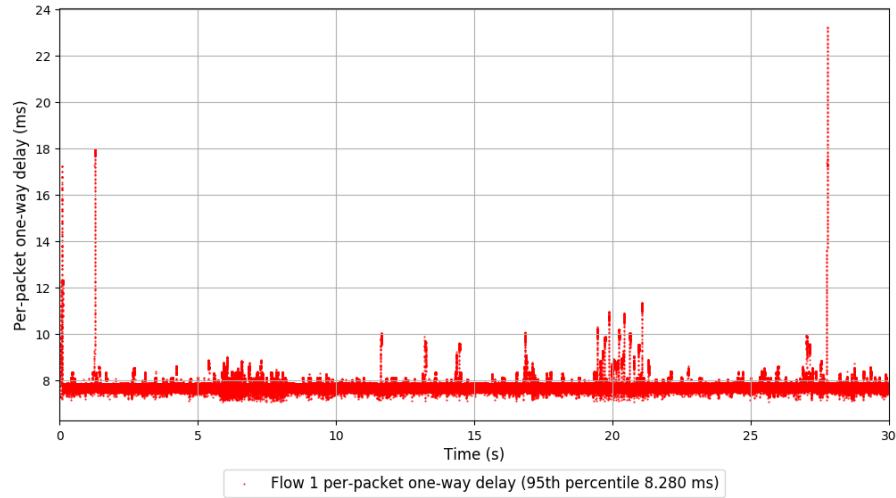
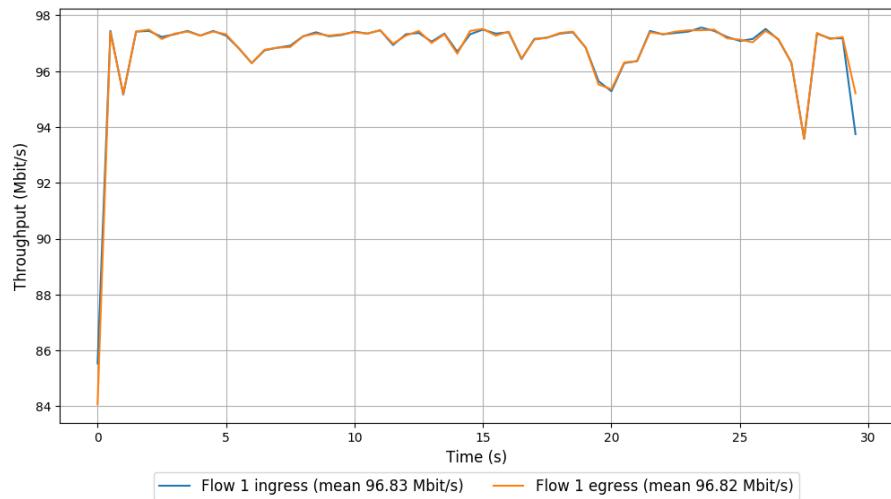
```
-- Flow 1:
```

```
Average throughput: 96.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.280 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

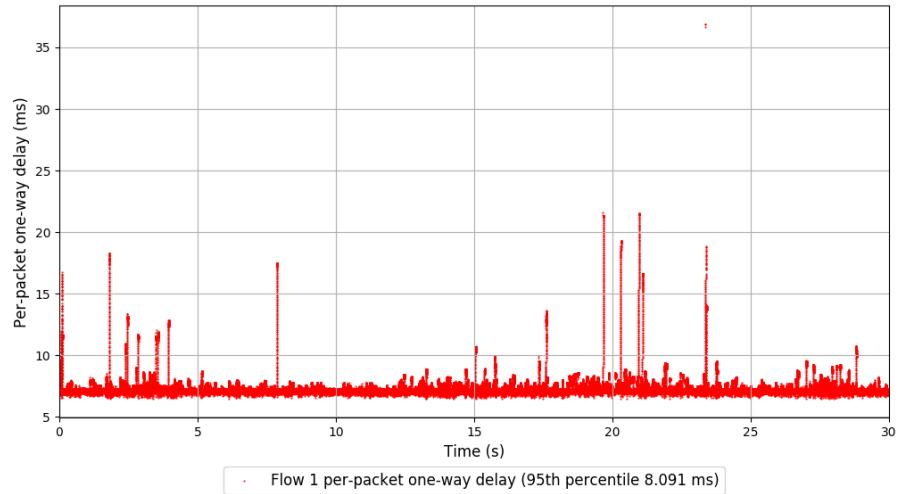
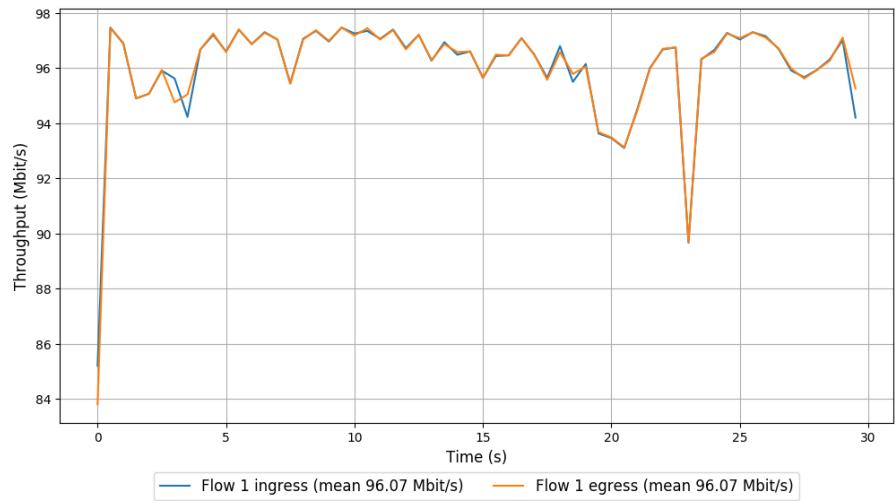


Run 2: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:35:58 +0000
End at: Wed, 05 Jul 2017 07:36:28 +0000
Local clock offset: -0.572 ms
Remote clock offset: -12.823 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 8.091 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 8.091 ms
Loss rate: 0.01%
```

Run 2: Report of Saturator — Data Link

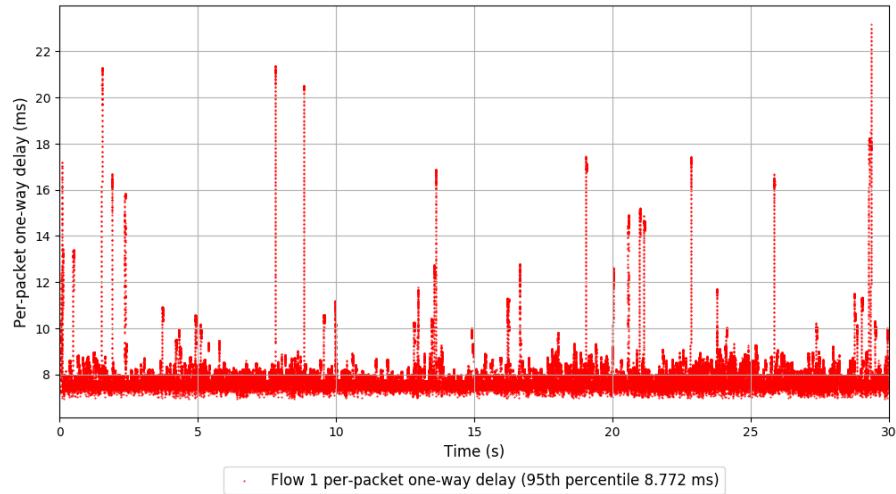
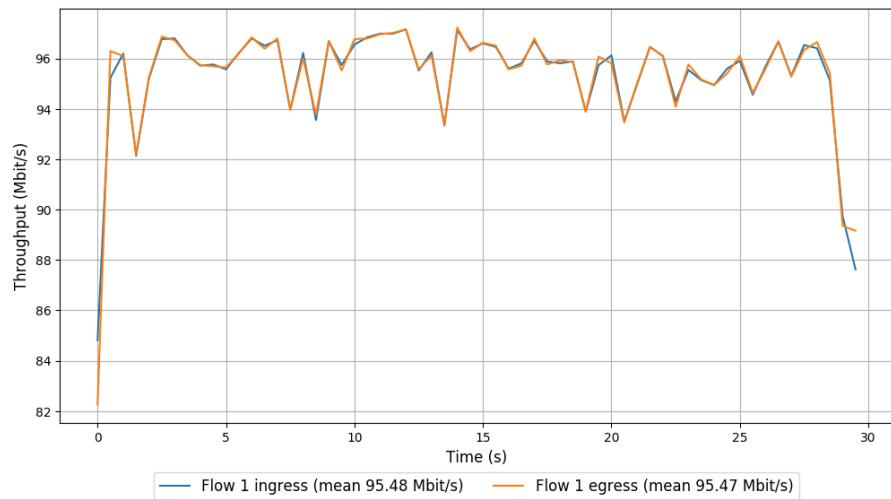


Run 3: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:53:27 +0000
End at: Wed, 05 Jul 2017 07:53:57 +0000
Local clock offset: 1.218 ms
Remote clock offset: -14.224 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 8.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 8.772 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

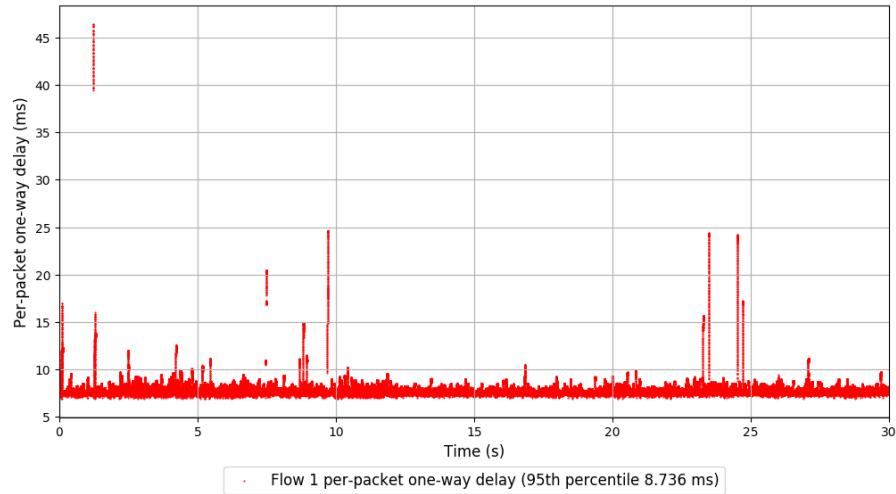
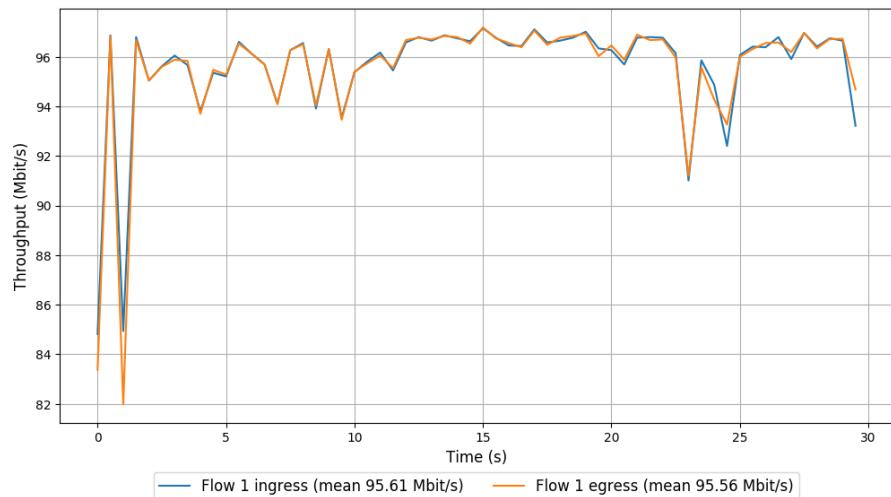


Run 4: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:10:57 +0000
End at: Wed, 05 Jul 2017 08:11:27 +0000
Local clock offset: 1.67 ms
Remote clock offset: -13.156 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 8.736 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 8.736 ms
Loss rate: 0.05%
```

Run 4: Report of Saturator — Data Link

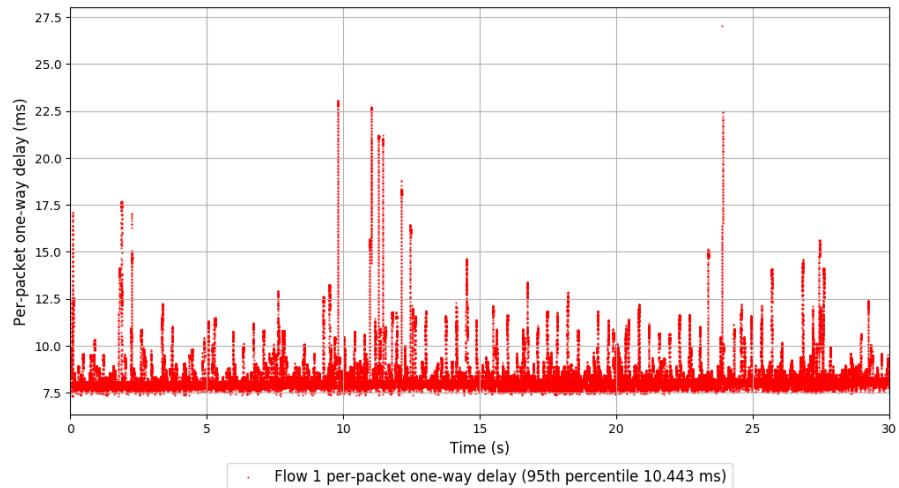
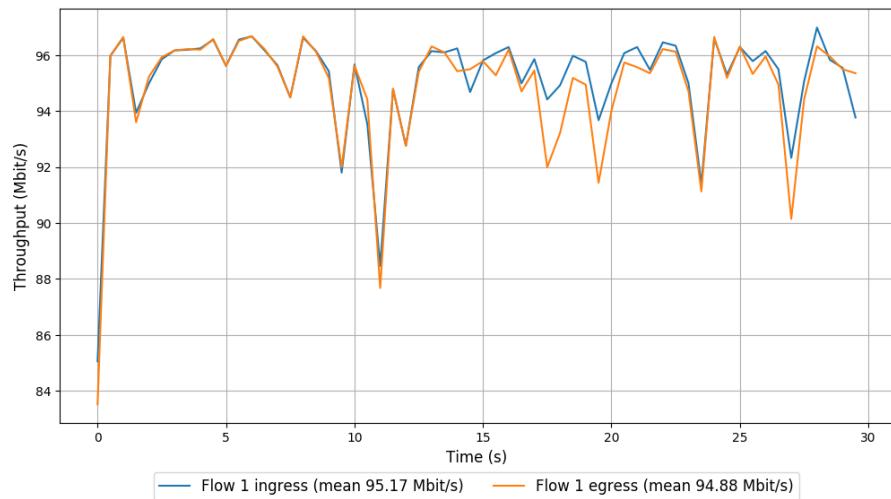


Run 5: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:28:18 +0000
End at: Wed, 05 Jul 2017 08:28:48 +0000
Local clock offset: 2.802 ms
Remote clock offset: -12.18 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 10.443 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 10.443 ms
Loss rate: 0.30%
```

Run 5: Report of Saturator — Data Link

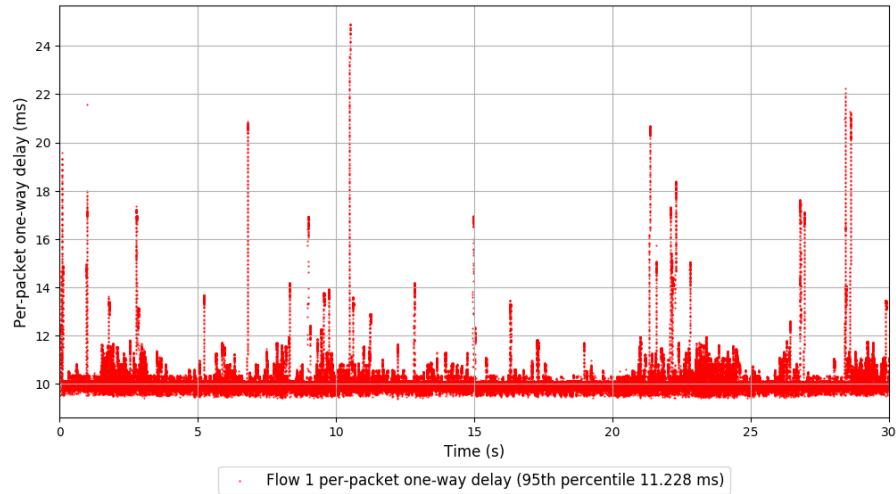
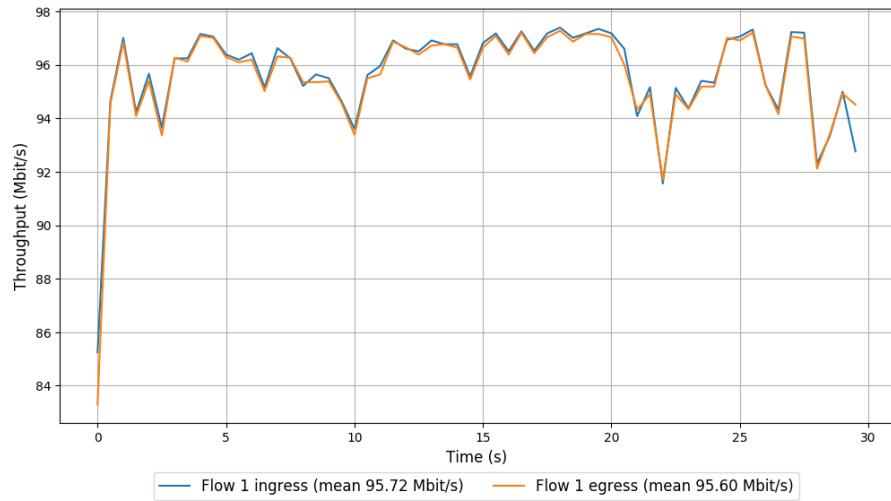


Run 6: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:45:38 +0000
End at: Wed, 05 Jul 2017 08:46:08 +0000
Local clock offset: 2.635 ms
Remote clock offset: -15.1 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 11.228 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 11.228 ms
Loss rate: 0.12%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:02:52 +0000

End at: Wed, 05 Jul 2017 09:03:22 +0000

Local clock offset: 2.919 ms

Remote clock offset: -15.14 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:38:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 11.889 ms

Loss rate: 0.11%

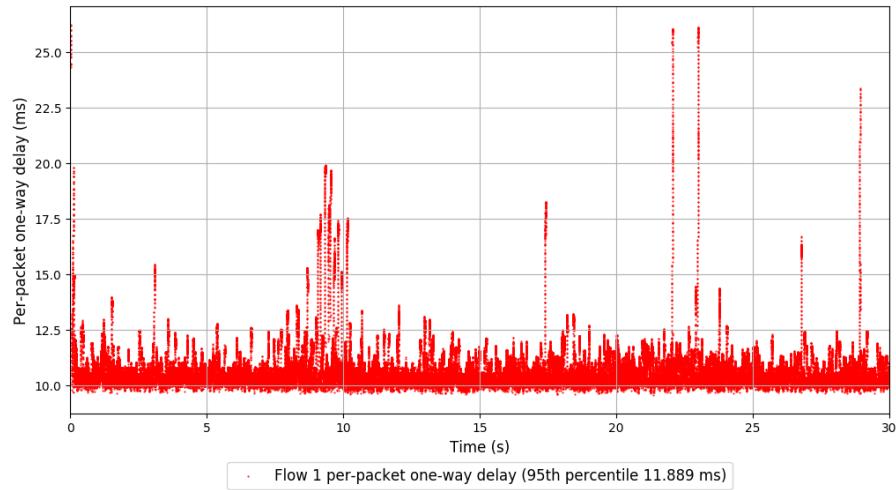
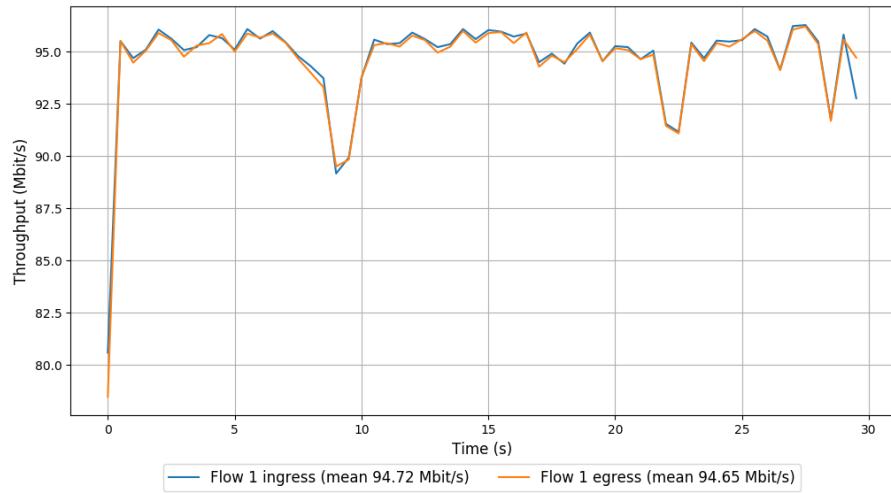
-- Flow 1:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 11.889 ms

Loss rate: 0.11%

Run 7: Report of Saturator — Data Link

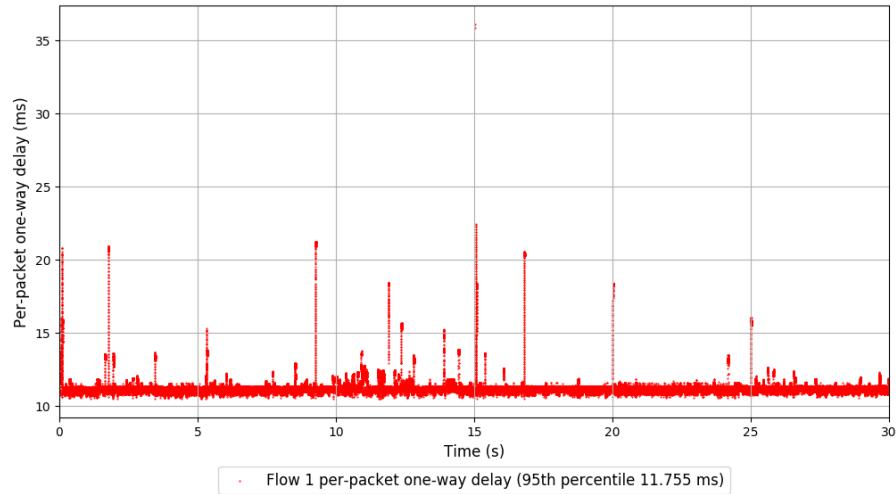
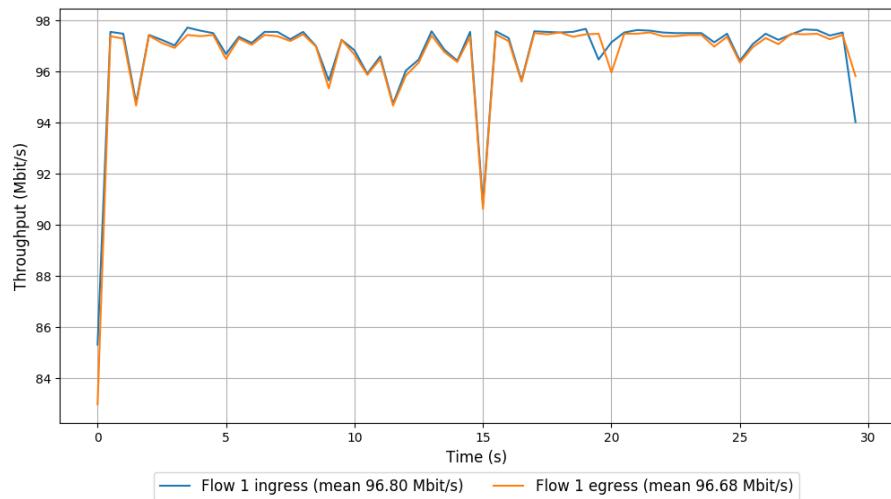


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:20:05 +0000
End at: Wed, 05 Jul 2017 09:20:35 +0000
Local clock offset: 2.735 ms
Remote clock offset: -16.838 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 11.755 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 11.755 ms
Loss rate: 0.13%
```

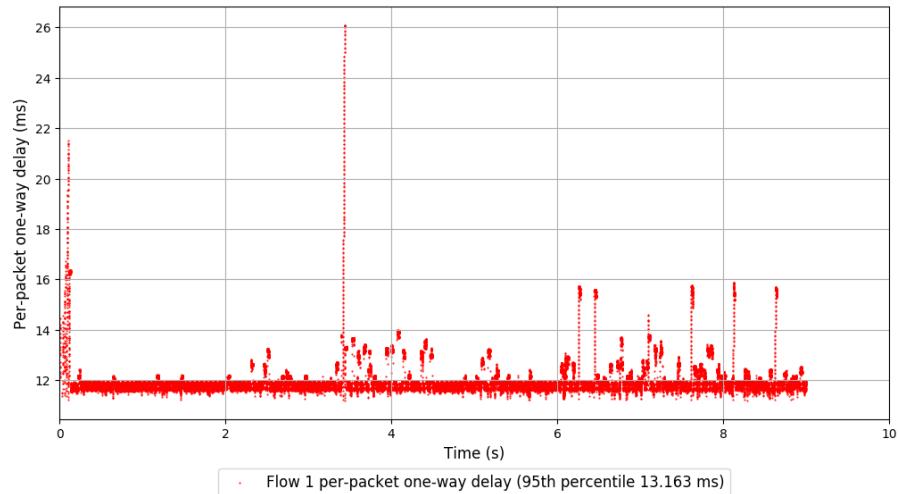
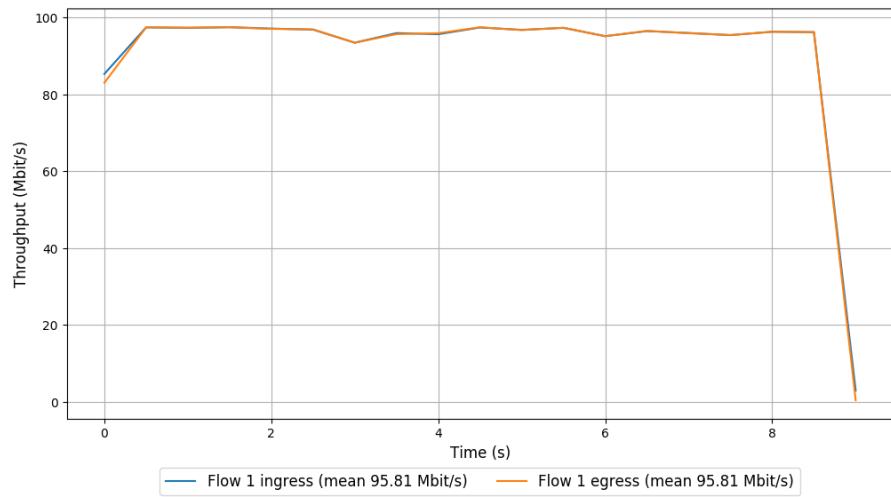
Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:37:15 +0000
End at: Wed, 05 Jul 2017 09:37:45 +0000
Local clock offset: 1.046 ms
Remote clock offset: -17.767 ms

Run 9: Report of Saturator — Data Link

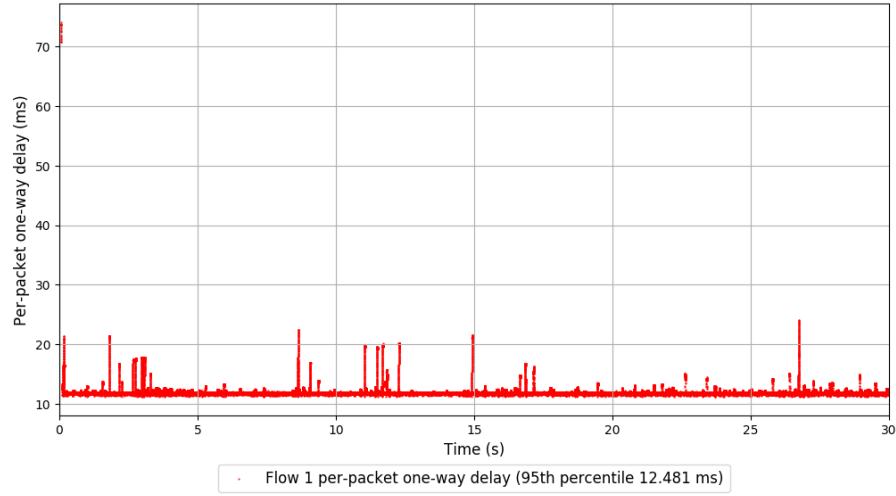
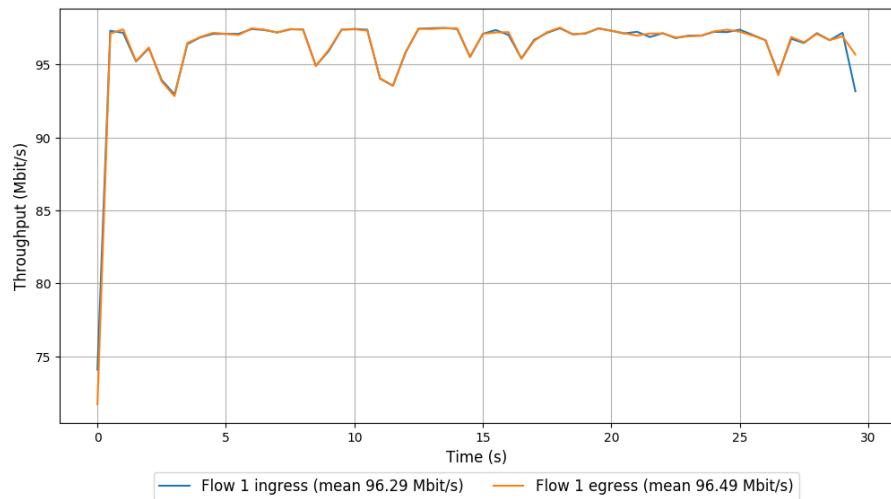


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:54:57 +0000
End at: Wed, 05 Jul 2017 09:55:27 +0000
Local clock offset: 3.502 ms
Remote clock offset: -17.795 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 12.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 12.481 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

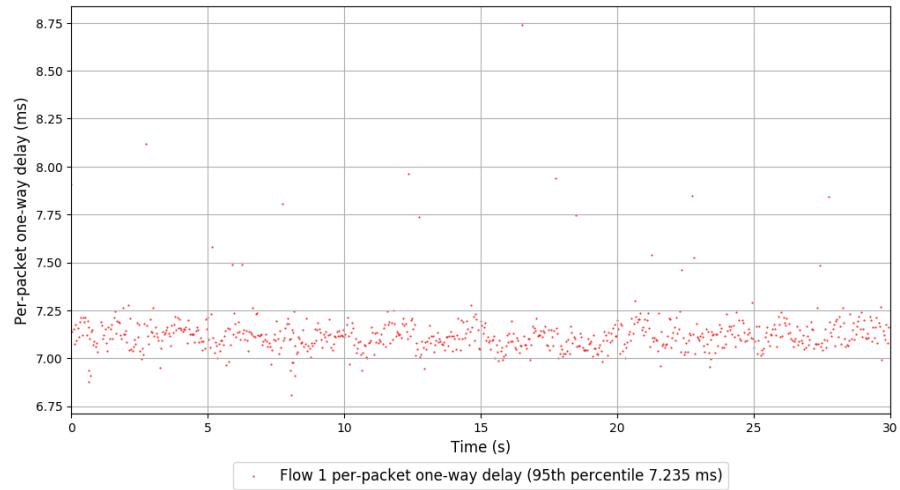
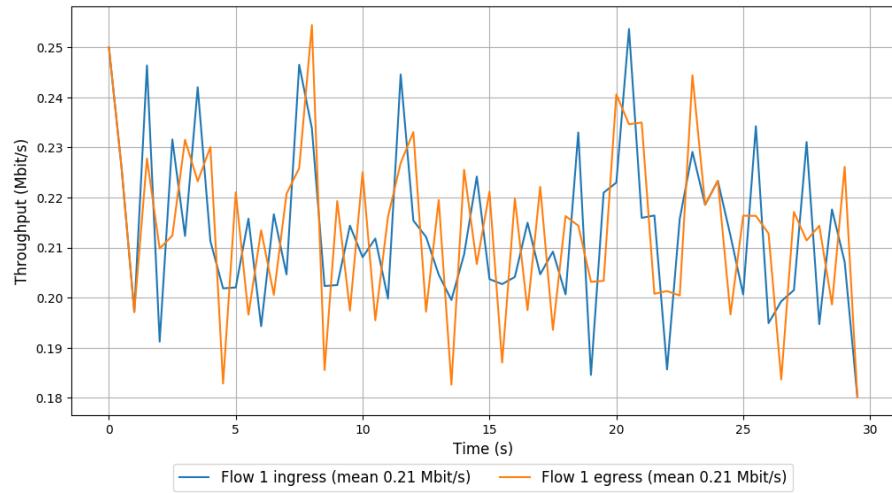


```
Run 1: Statistics of SCReAM
```

```
Start at: Wed, 05 Jul 2017 07:16:20 +0000
End at: Wed, 05 Jul 2017 07:16:50 +0000
Local clock offset: -1.72 ms
Remote clock offset: -12.821 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.235 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

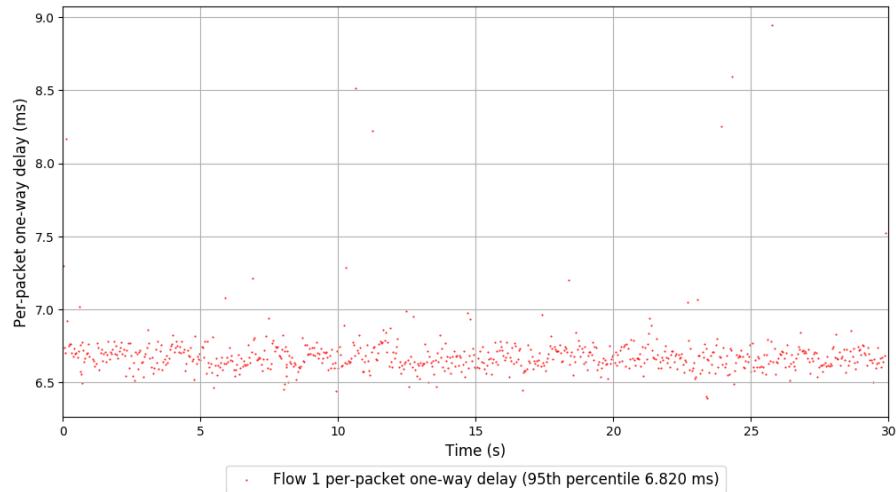
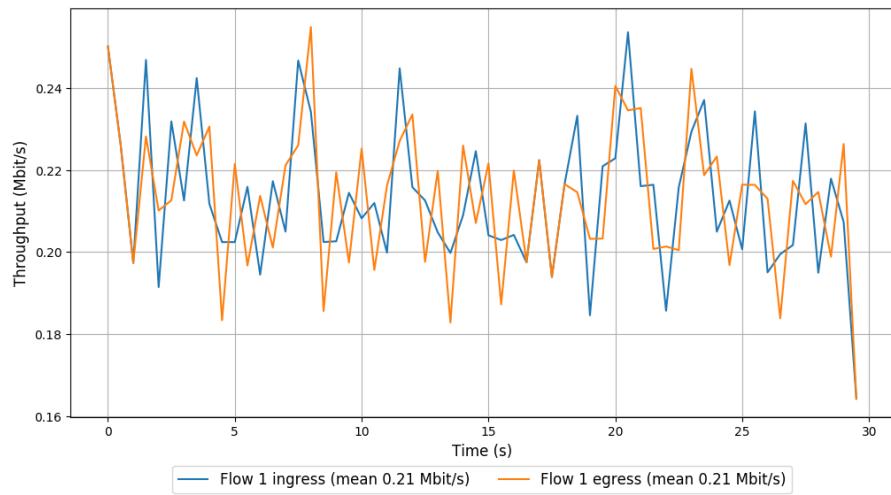


Run 2: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 07:33:49 +0000
End at: Wed, 05 Jul 2017 07:34:19 +0000
Local clock offset: 1.829 ms
Remote clock offset: -12.308 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.820 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

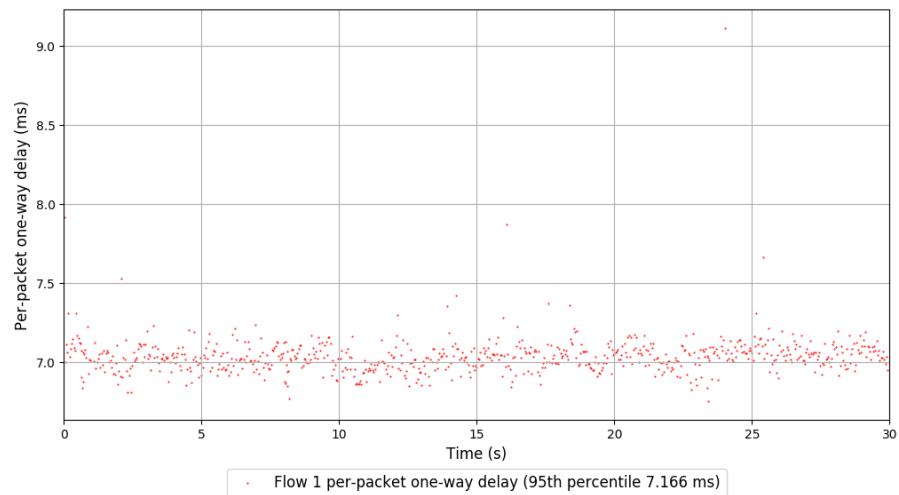
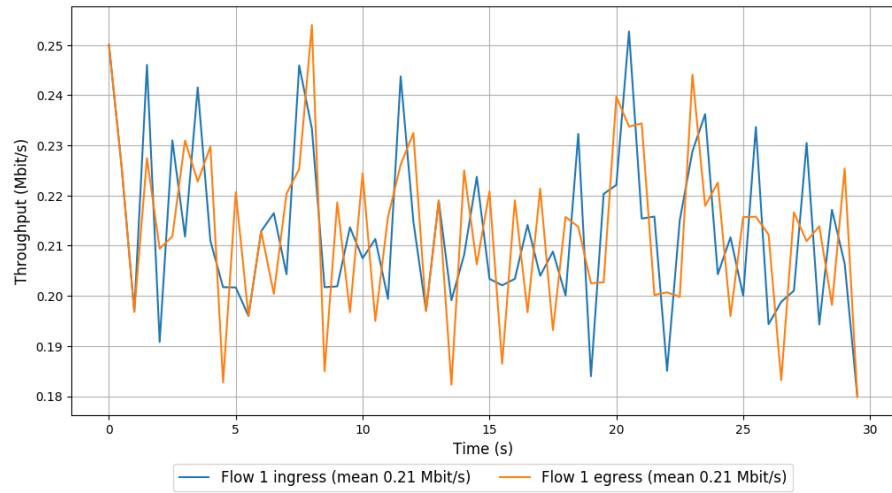


Run 3: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 07:51:18 +0000
End at: Wed, 05 Jul 2017 07:51:48 +0000
Local clock offset: -0.443 ms
Remote clock offset: -13.058 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.166 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

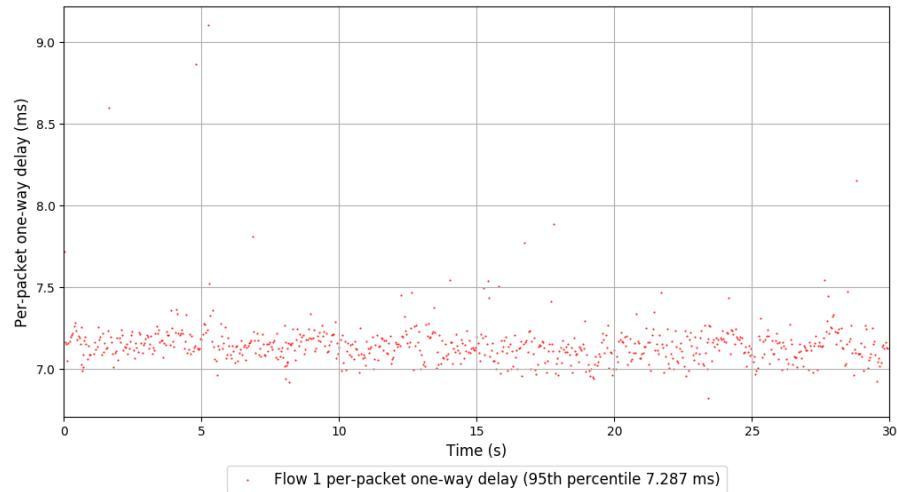
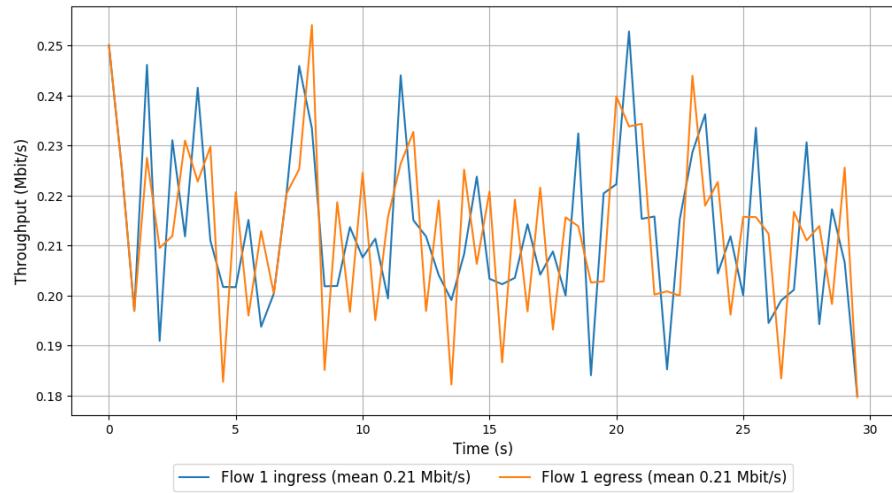


Run 4: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:08:48 +0000
End at: Wed, 05 Jul 2017 08:09:18 +0000
Local clock offset: 1.376 ms
Remote clock offset: -12.086 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.287 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.287 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

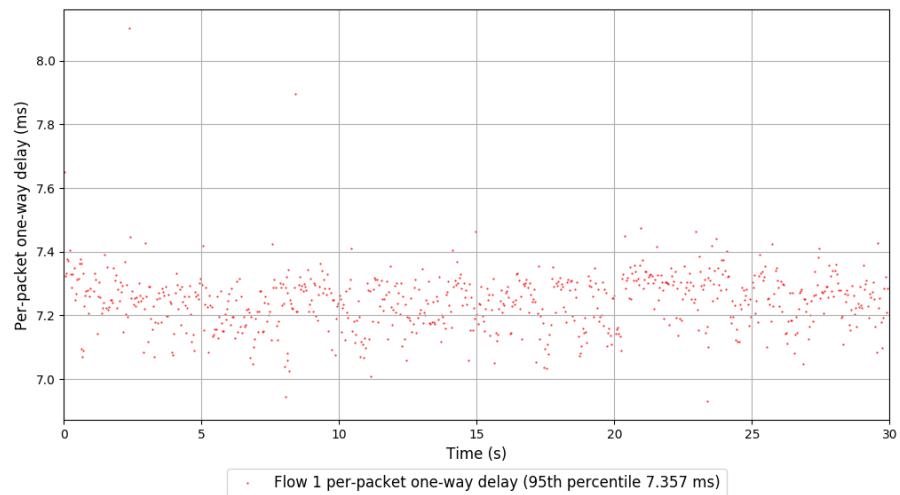
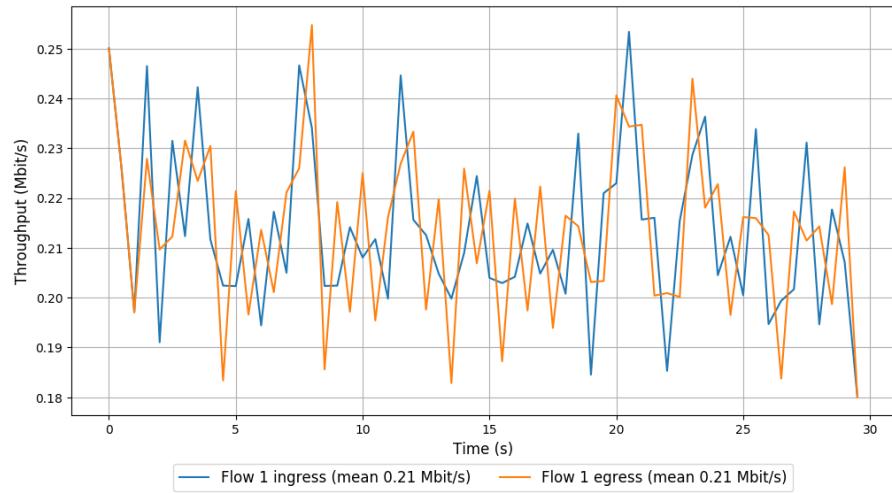


Run 5: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:26:09 +0000
End at: Wed, 05 Jul 2017 08:26:39 +0000
Local clock offset: 2.624 ms
Remote clock offset: -12.644 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.357 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

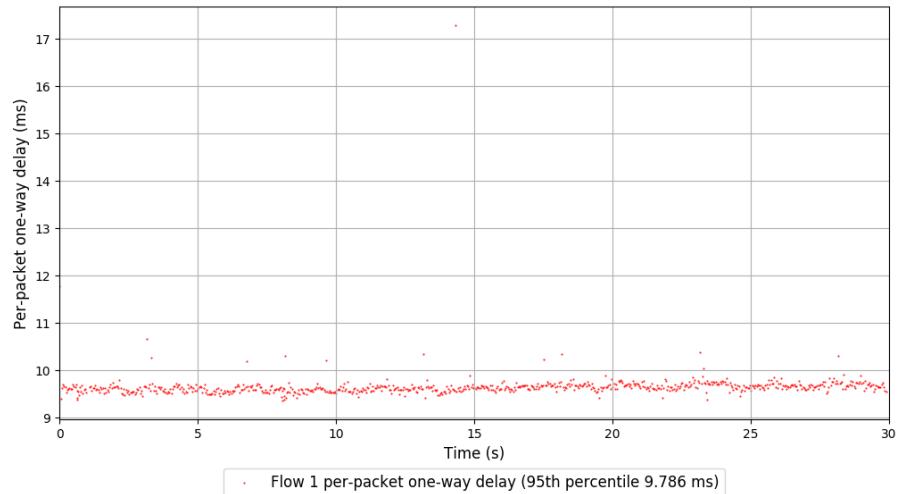
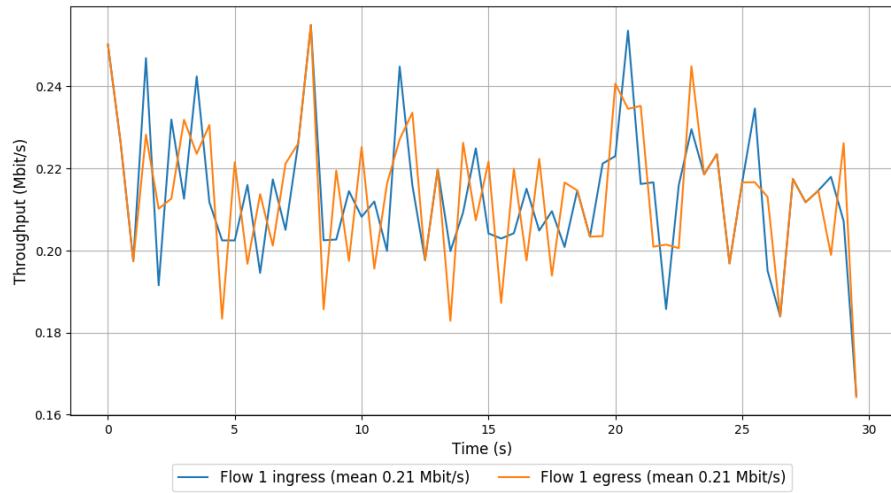


Run 6: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:43:30 +0000
End at: Wed, 05 Jul 2017 08:44:00 +0000
Local clock offset: 3.37 ms
Remote clock offset: -16.273 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.786 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

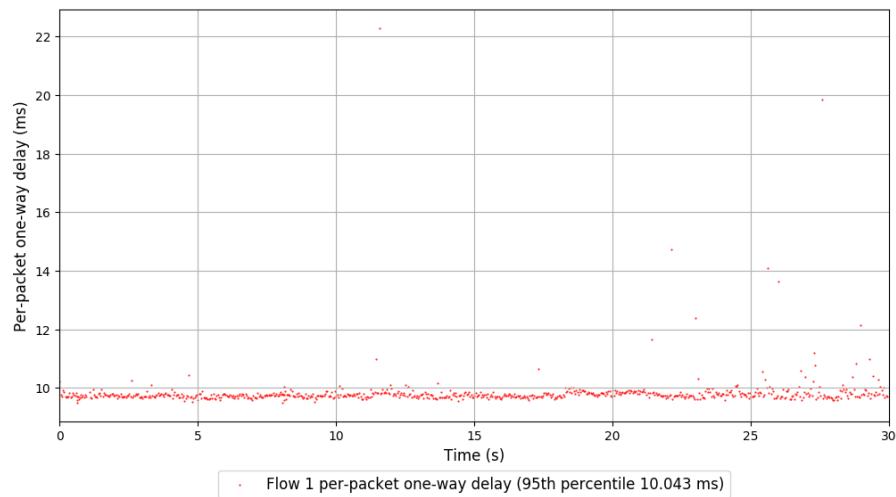
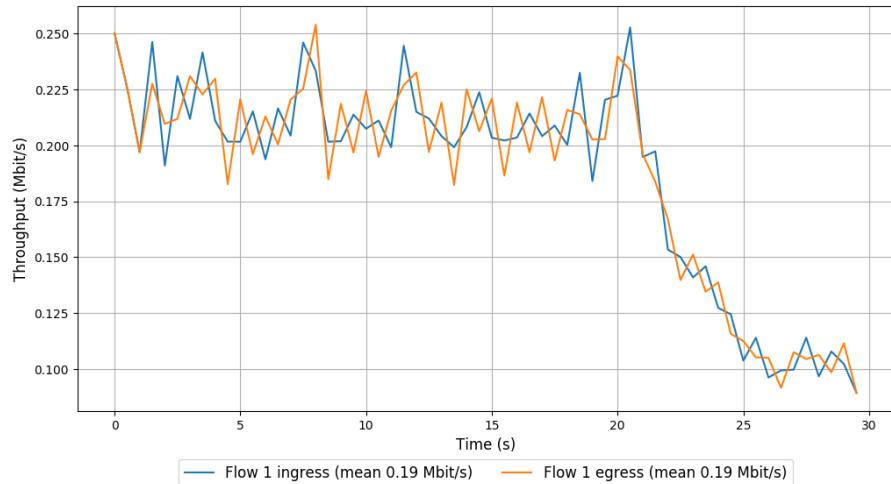


Run 7: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:00:44 +0000
End at: Wed, 05 Jul 2017 09:01:14 +0000
Local clock offset: 2.725 ms
Remote clock offset: -15.59 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.043 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.043 ms
Loss rate: 0.16%
```

Run 7: Report of SCReAM — Data Link

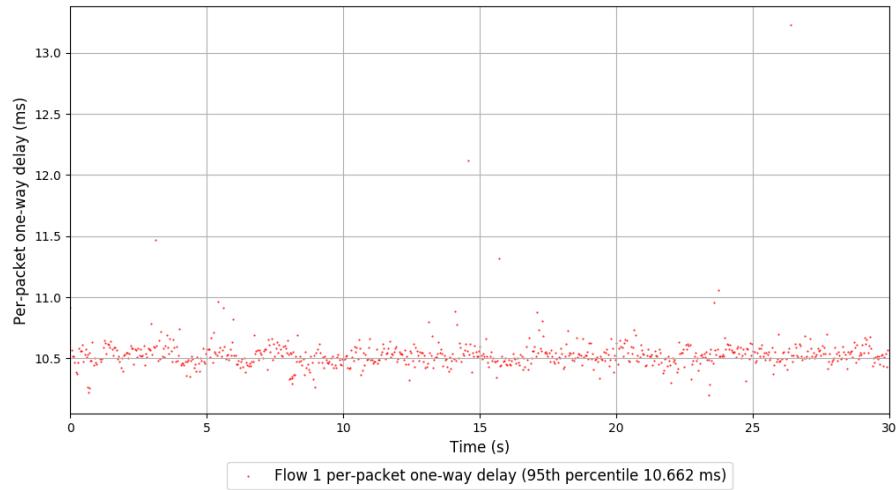
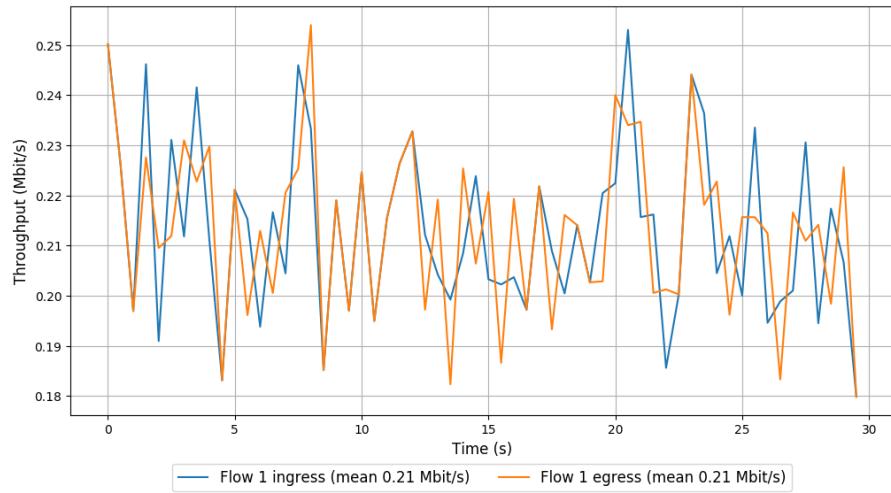


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:17:56 +0000
End at: Wed, 05 Jul 2017 09:18:26 +0000
Local clock offset: 2.925 ms
Remote clock offset: -16.046 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.662 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

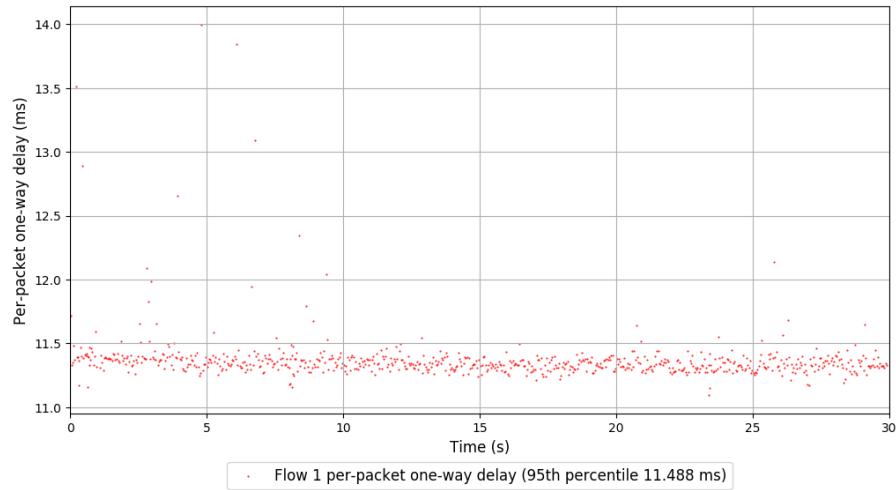
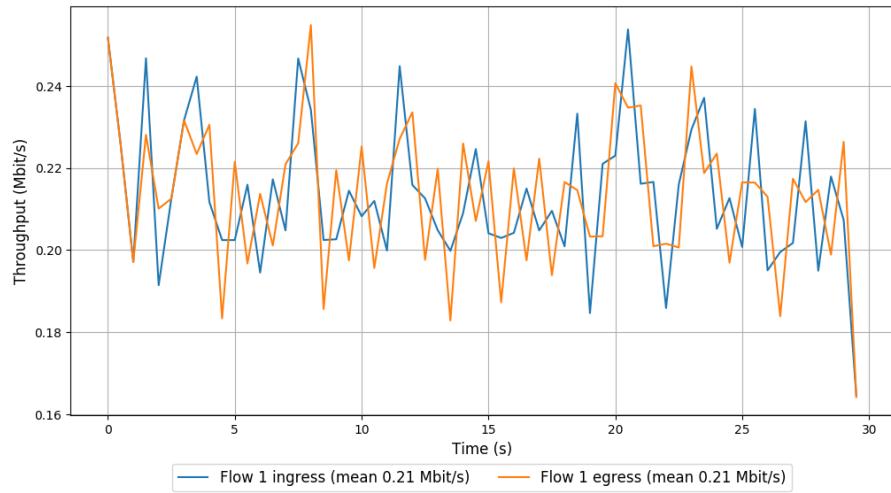


Run 9: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:35:07 +0000
End at: Wed, 05 Jul 2017 09:35:37 +0000
Local clock offset: 1.202 ms
Remote clock offset: -17.16 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.488 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

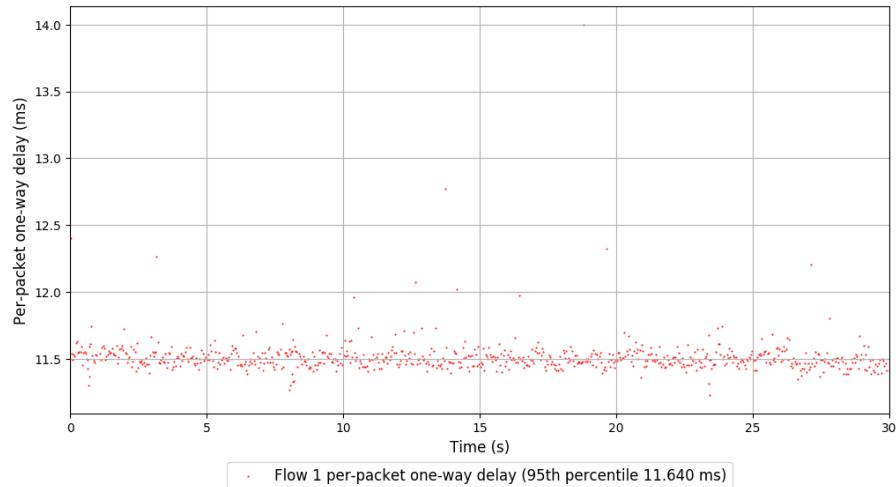
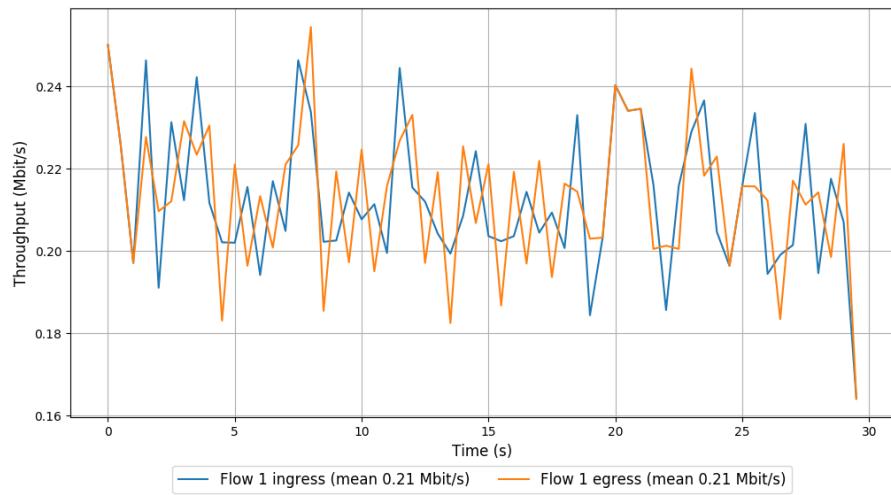


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:52:48 +0000
End at: Wed, 05 Jul 2017 09:53:18 +0000
Local clock offset: 4.566 ms
Remote clock offset: -17.19 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.640 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

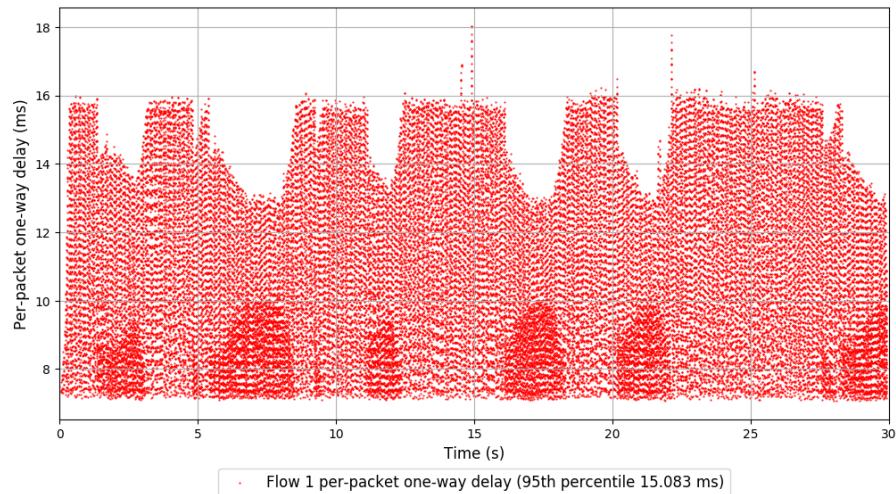
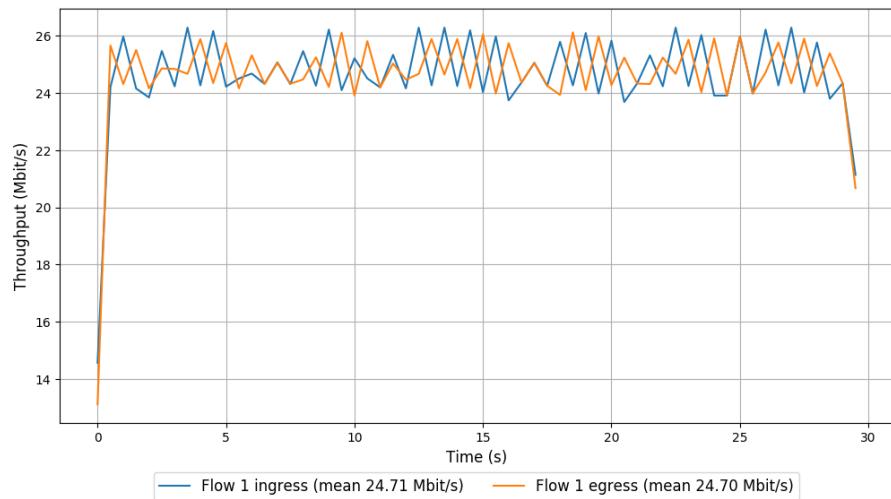


Run 1: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:24:25 +0000
End at: Wed, 05 Jul 2017 07:24:55 +0000
Local clock offset: 2.46 ms
Remote clock offset: -11.171 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 15.083 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 15.083 ms
Loss rate: 0.03%
```

Run 1: Report of Sprout — Data Link

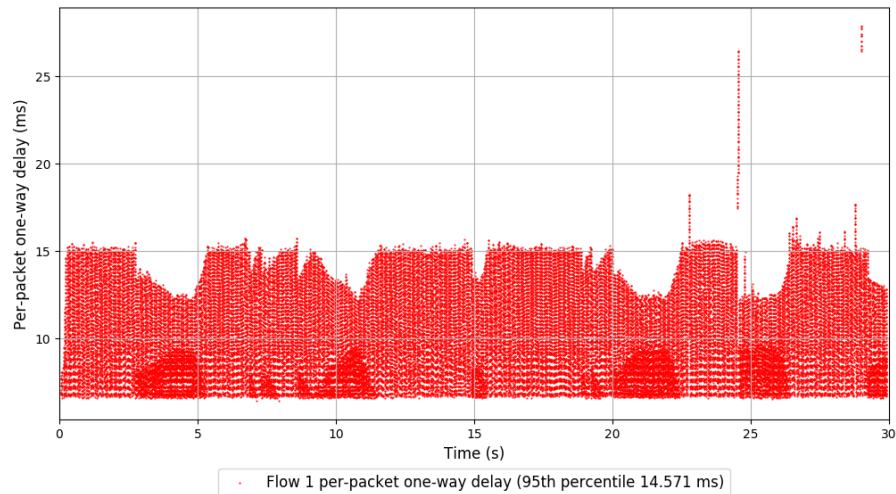
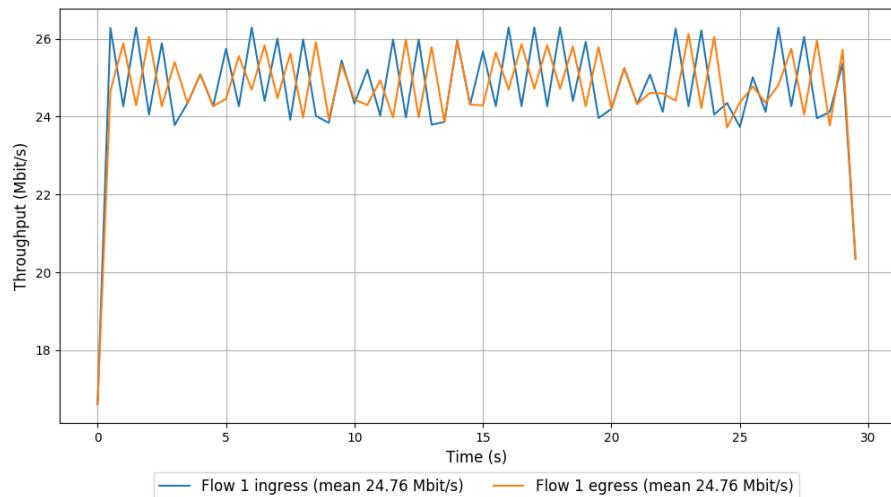


Run 2: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:41:51 +0000
End at: Wed, 05 Jul 2017 07:42:21 +0000
Local clock offset: -1.084 ms
Remote clock offset: -13.826 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 14.571 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 14.571 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

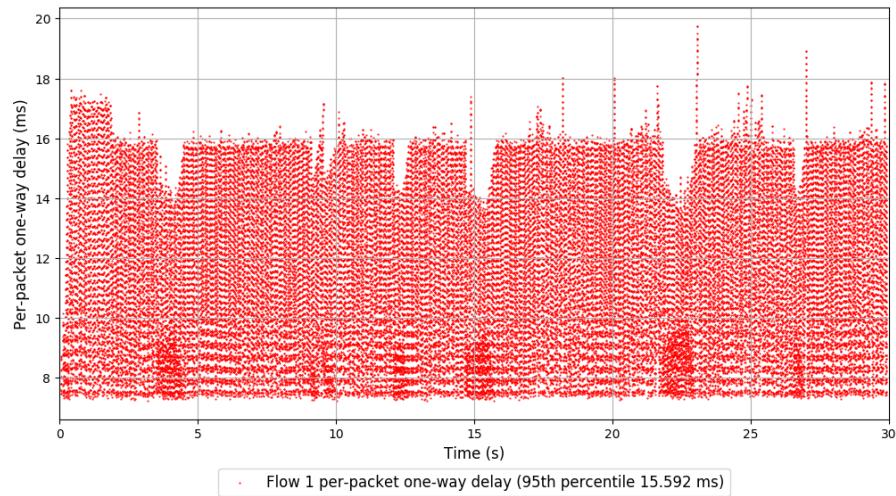
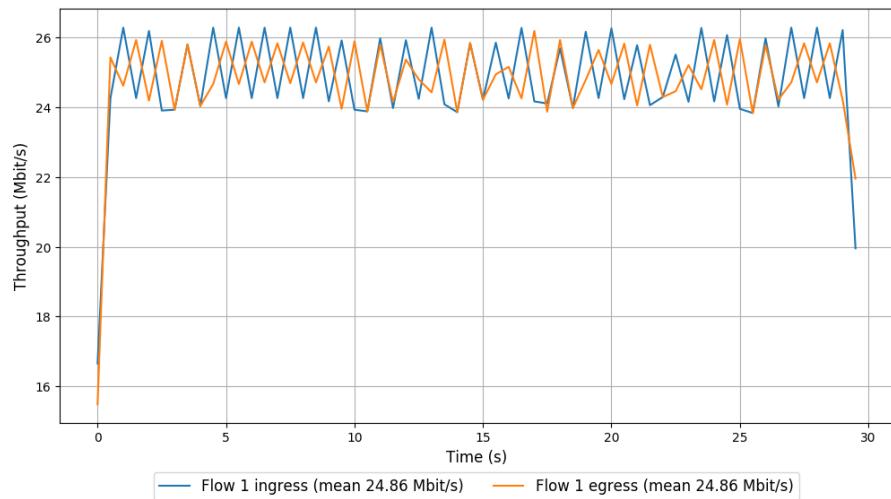


Run 3: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:59:27 +0000
End at: Wed, 05 Jul 2017 07:59:57 +0000
Local clock offset: -0.748 ms
Remote clock offset: -13.185 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 15.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 15.592 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

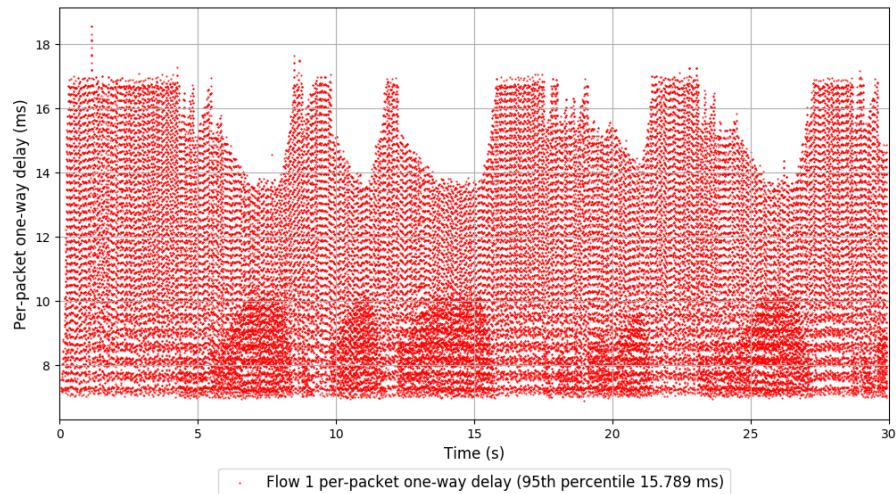
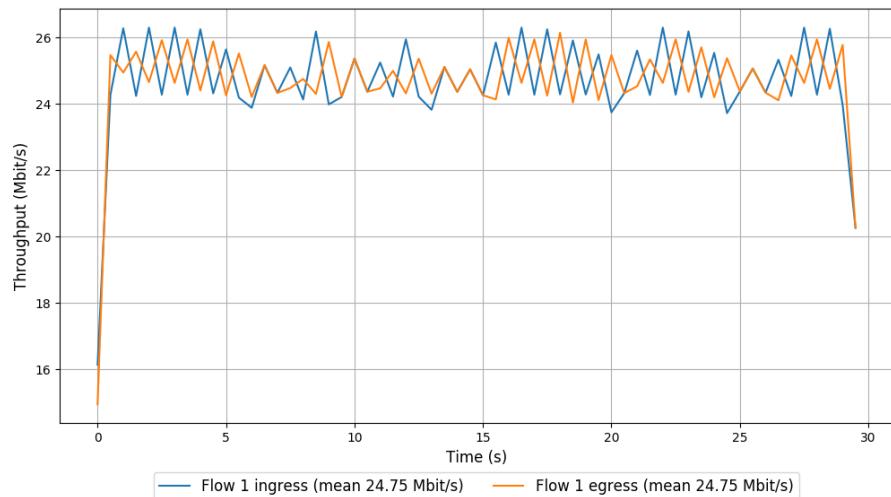


Run 4: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:16:51 +0000
End at: Wed, 05 Jul 2017 08:17:21 +0000
Local clock offset: 0.755 ms
Remote clock offset: -12.98 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 15.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 15.789 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

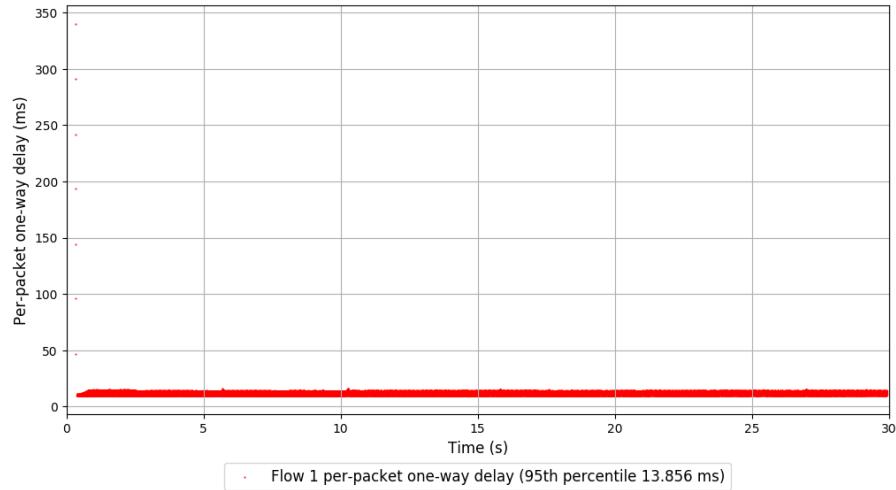
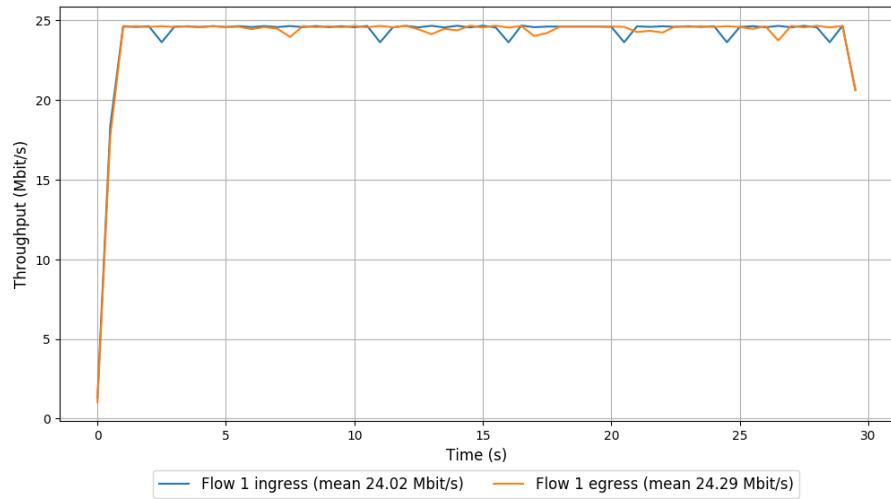


Run 5: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:34:10 +0000
End at: Wed, 05 Jul 2017 08:34:40 +0000
Local clock offset: 1.807 ms
Remote clock offset: -14.54 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 13.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 13.856 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

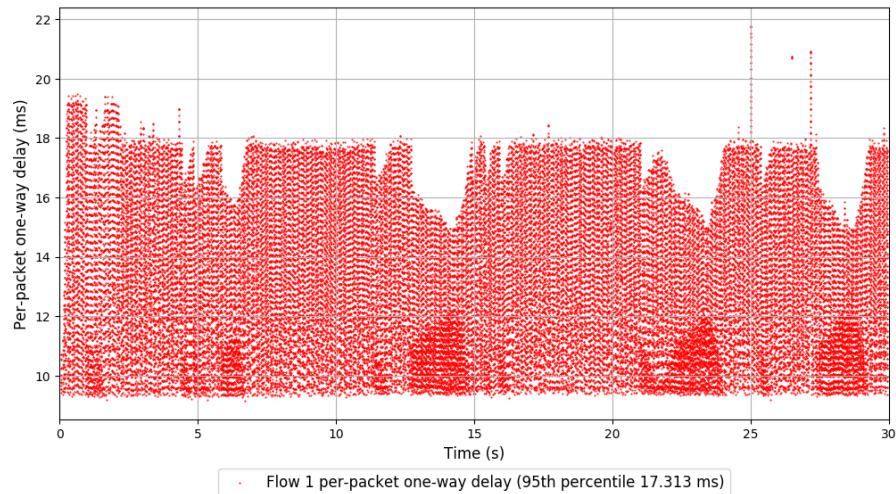
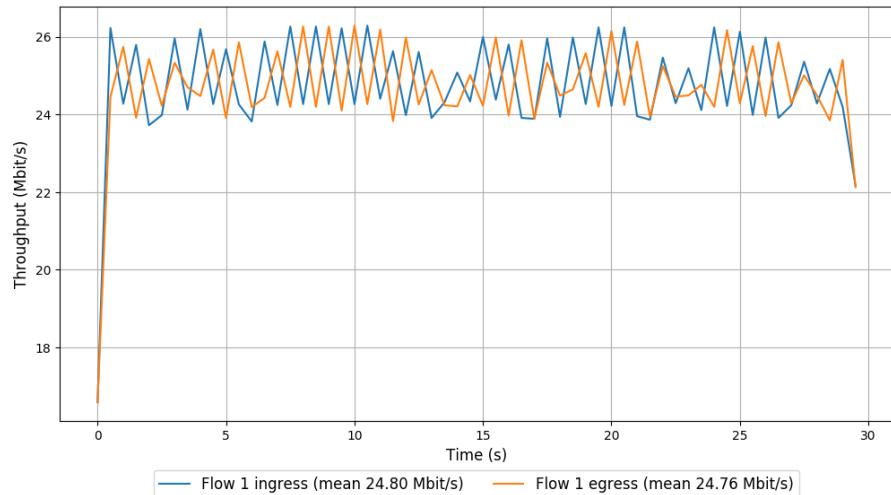


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:51:25 +0000
End at: Wed, 05 Jul 2017 08:51:55 +0000
Local clock offset: -3.345 ms
Remote clock offset: -15.861 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 17.313 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 17.313 ms
Loss rate: 0.13%
```

Run 6: Report of Sprout — Data Link

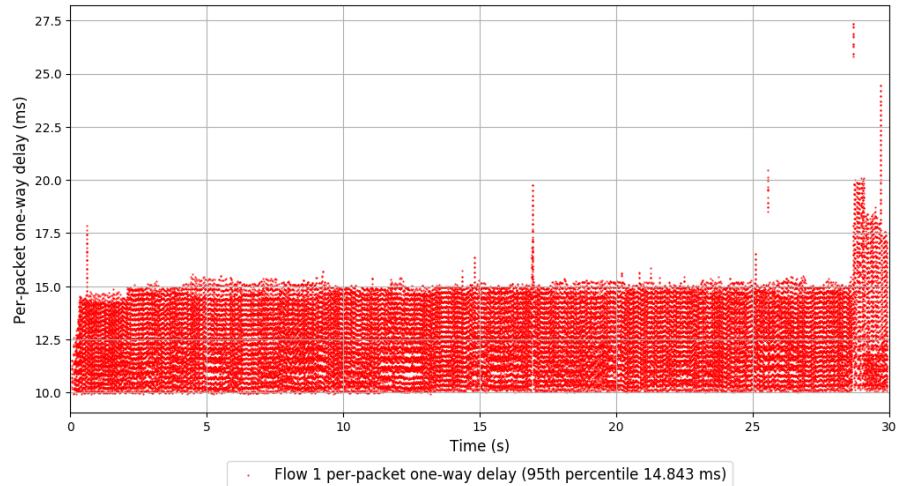
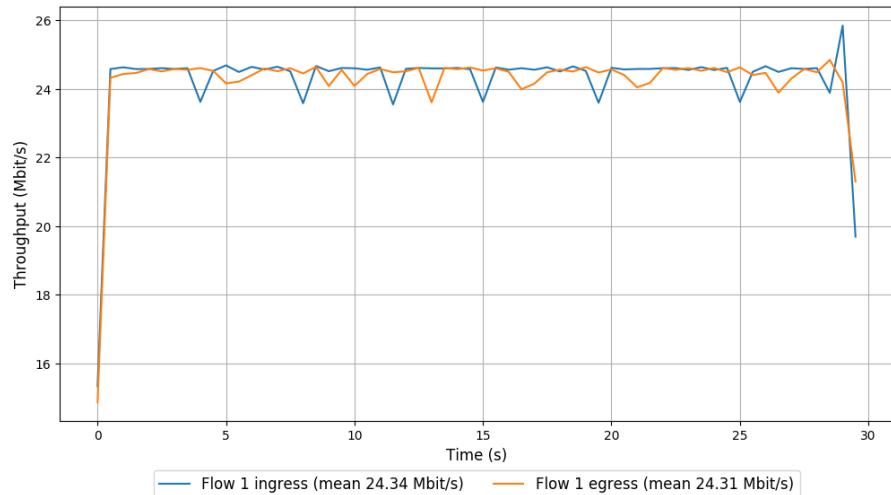


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:08:40 +0000
End at: Wed, 05 Jul 2017 09:09:10 +0000
Local clock offset: 4.027 ms
Remote clock offset: -14.936 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 14.843 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 14.843 ms
Loss rate: 0.13%
```

Run 7: Report of Sprout — Data Link

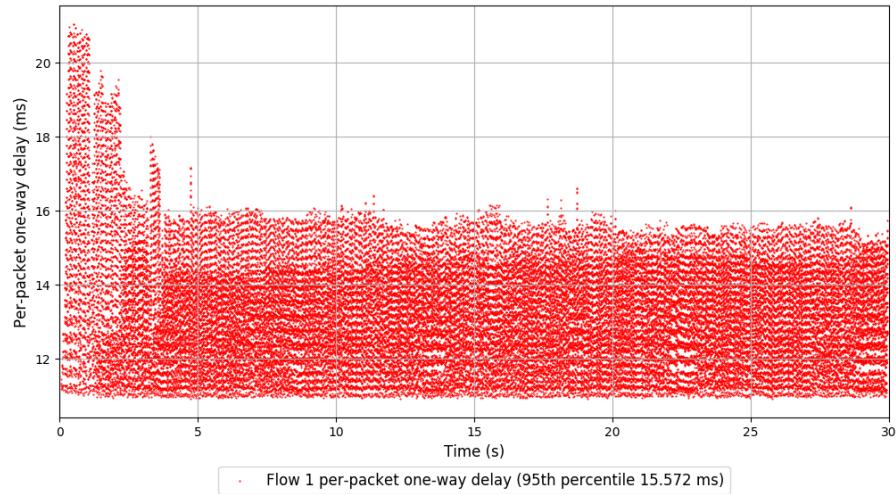
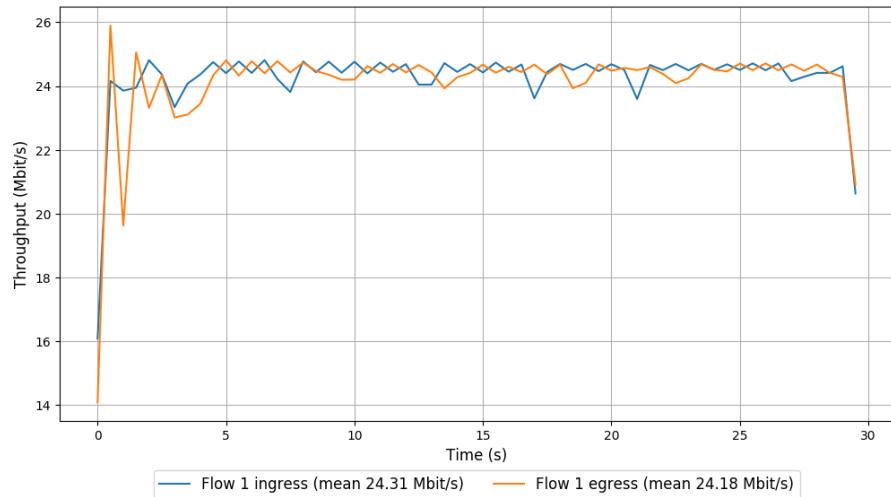


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:25:50 +0000
End at: Wed, 05 Jul 2017 09:26:20 +0000
Local clock offset: 2.09 ms
Remote clock offset: -16.353 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 15.572 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 15.572 ms
Loss rate: 0.53%
```

Run 8: Report of Sprout — Data Link

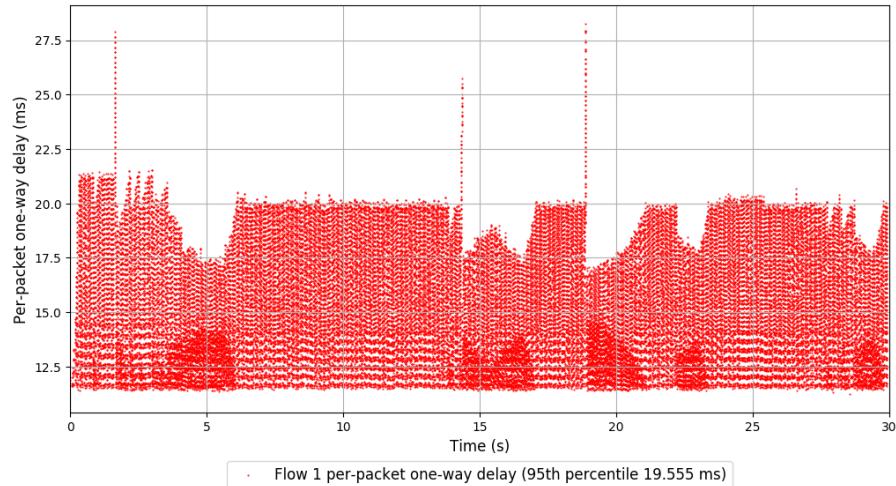
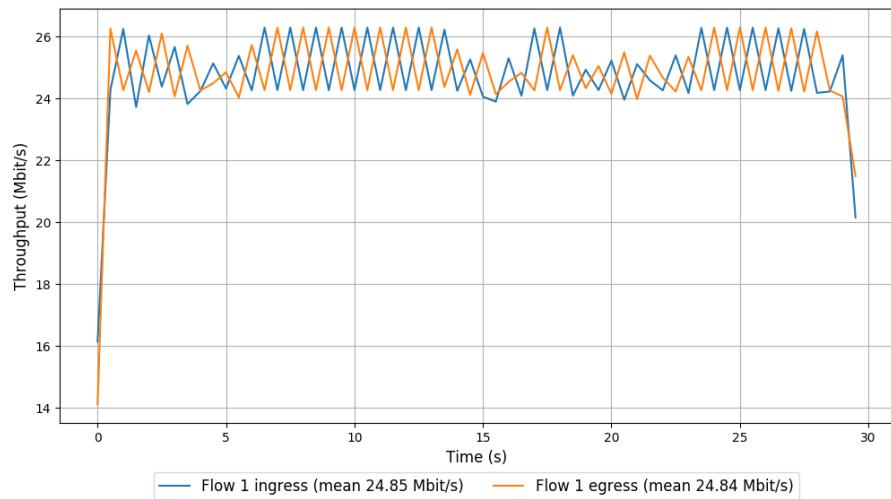


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:43:14 +0000
End at: Wed, 05 Jul 2017 09:43:44 +0000
Local clock offset: -0.01 ms
Remote clock offset: -16.165 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 19.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 19.555 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

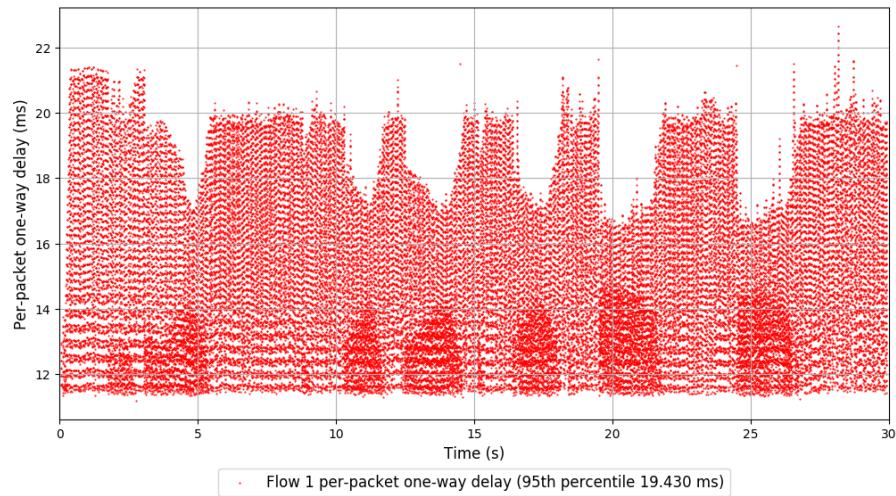
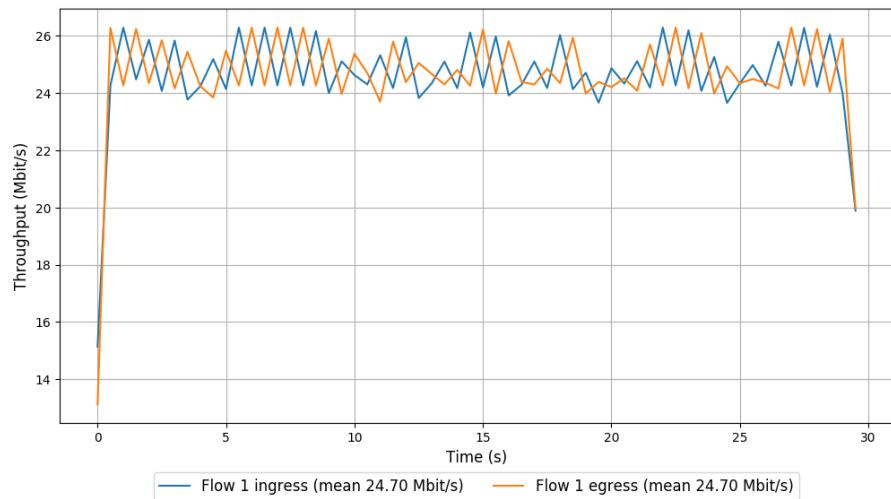


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:01:08 +0000
End at: Wed, 05 Jul 2017 10:01:38 +0000
Local clock offset: 2.61 ms
Remote clock offset: -17.036 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:29:01 +0000

End at: Wed, 05 Jul 2017 07:29:31 +0000

Local clock offset: 0.388 ms

Remote clock offset: -12.177 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:39:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 10.086 ms

Loss rate: 0.03%

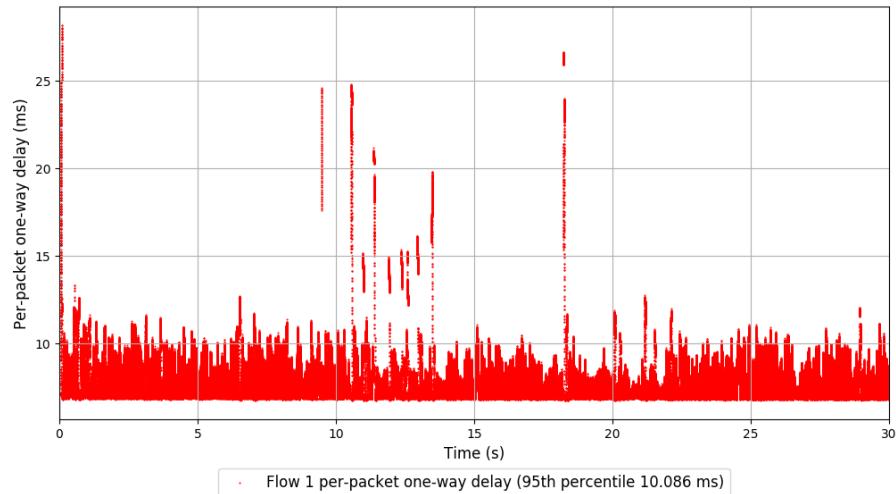
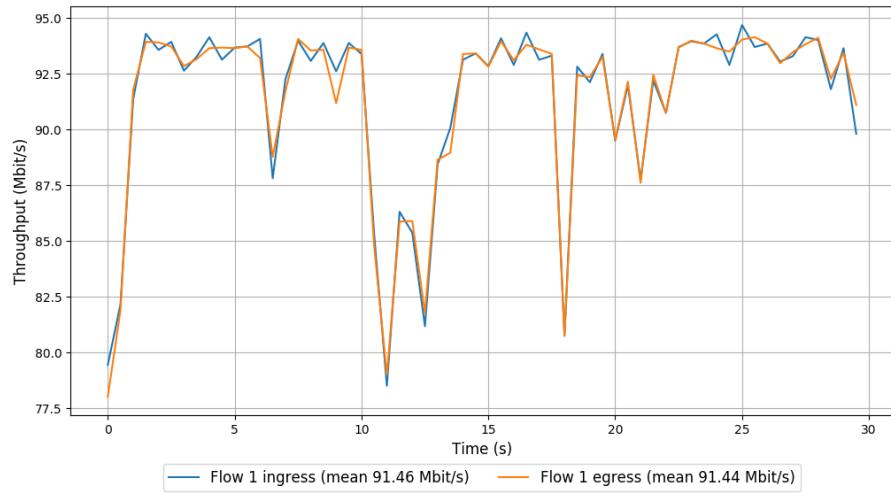
-- Flow 1:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 10.086 ms

Loss rate: 0.03%

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



Run 2: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:46:27 +0000

End at: Wed, 05 Jul 2017 07:46:58 +0000

Local clock offset: 1.646 ms

Remote clock offset: -12.606 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:39:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.35 Mbit/s

95th percentile per-packet one-way delay: 9.547 ms

Loss rate: 0.00%

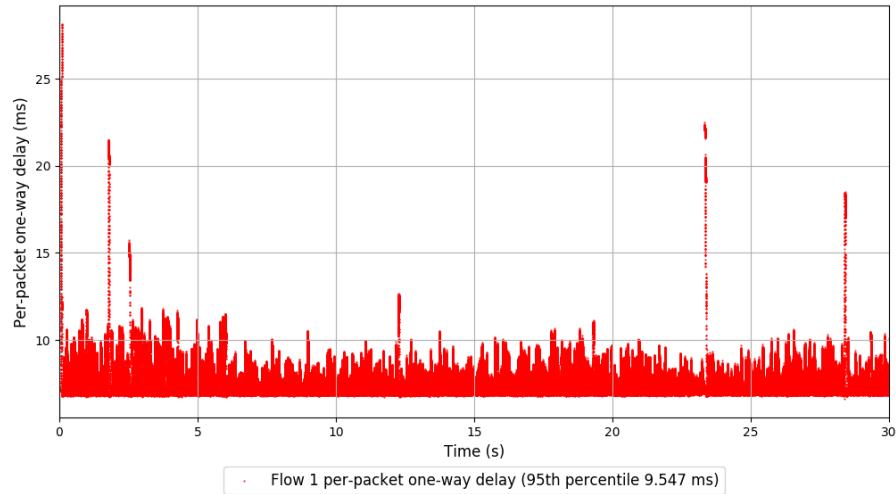
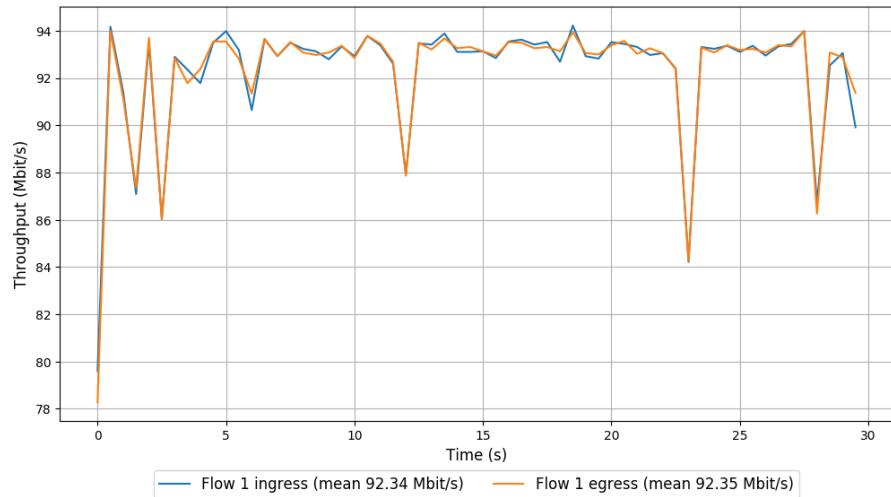
-- Flow 1:

Average throughput: 92.35 Mbit/s

95th percentile per-packet one-way delay: 9.547 ms

Loss rate: 0.00%

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

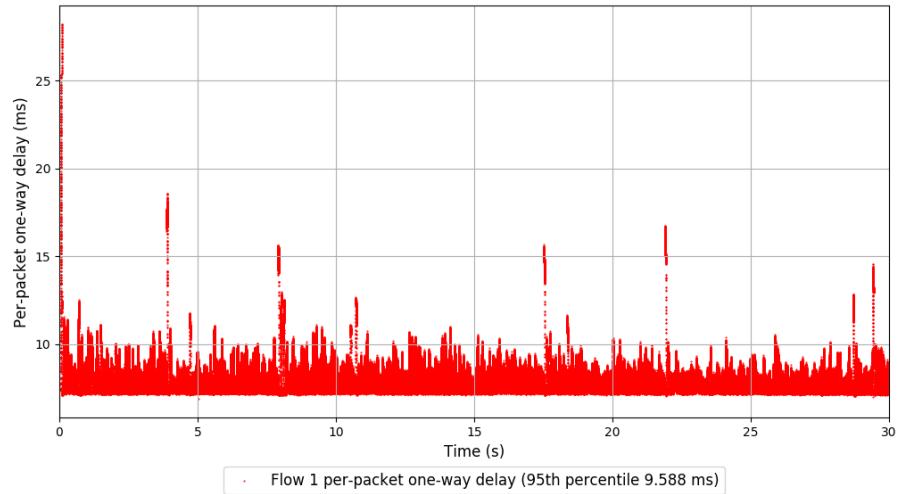
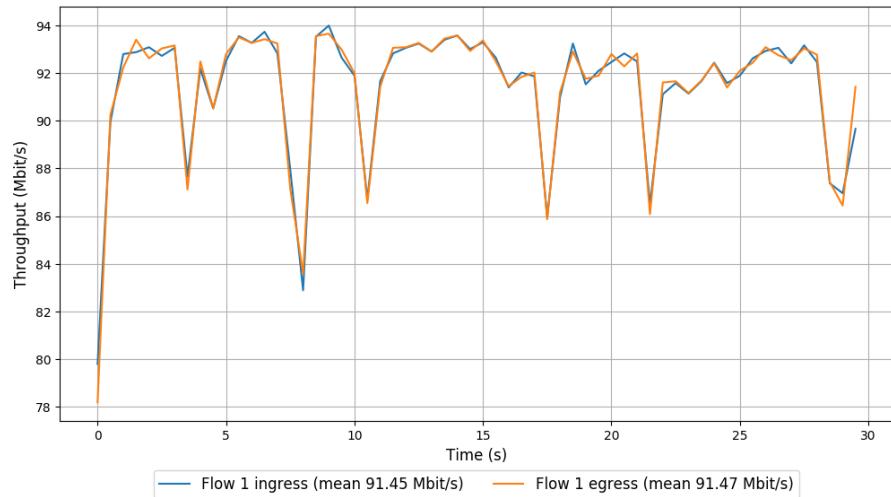


Run 3: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:04:01 +0000
End at: Wed, 05 Jul 2017 08:04:31 +0000
Local clock offset: 1.325 ms
Remote clock offset: -13.353 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 9.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 9.588 ms
Loss rate: 0.00%
```

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

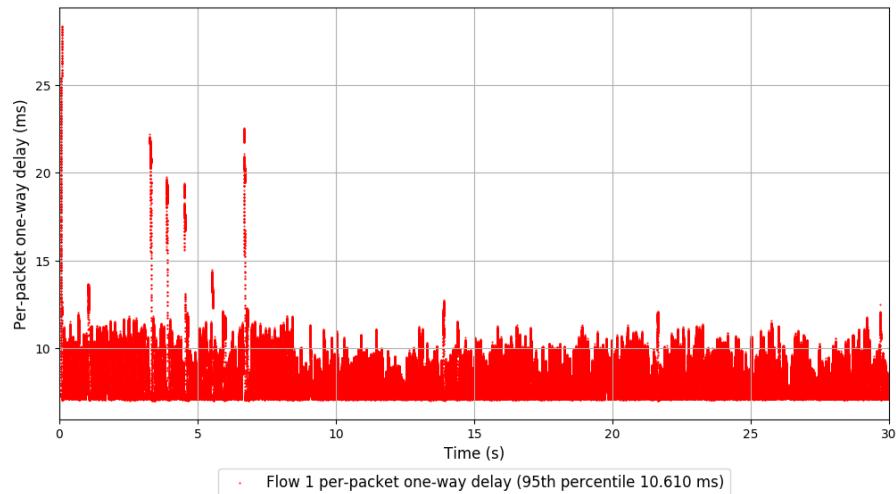
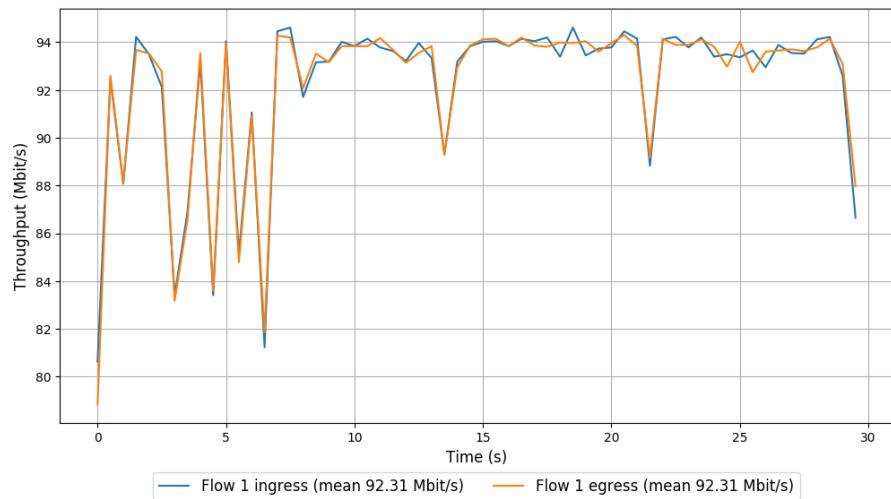


Run 4: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:21:27 +0000
End at: Wed, 05 Jul 2017 08:21:57 +0000
Local clock offset: 1.773 ms
Remote clock offset: -13.471 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 10.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 10.610 ms
Loss rate: 0.00%
```

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

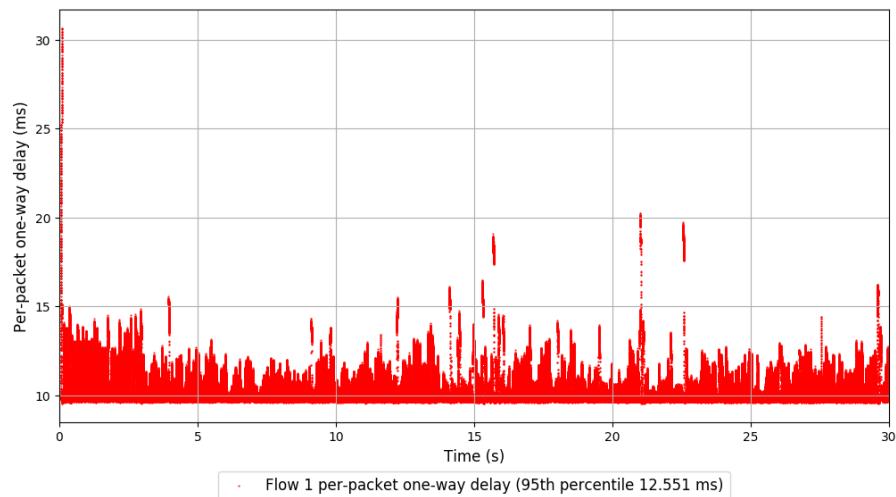
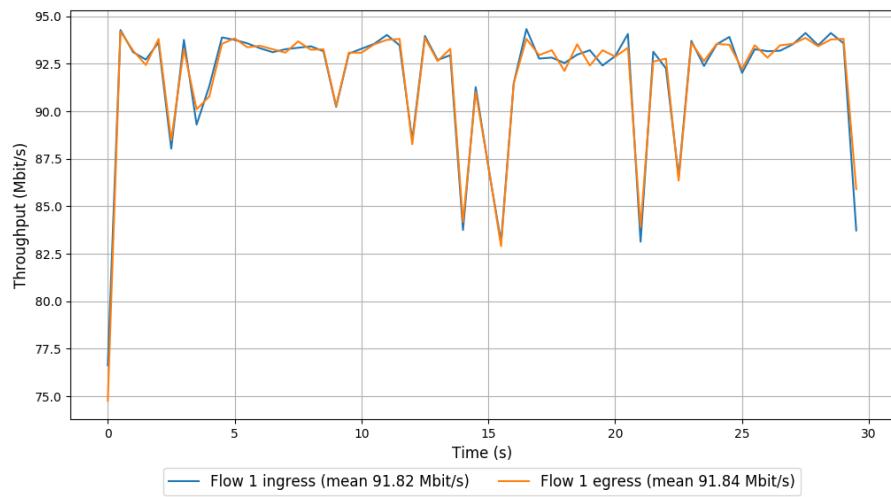


Run 5: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:38:46 +0000
End at: Wed, 05 Jul 2017 08:39:16 +0000
Local clock offset: -1.255 ms
Remote clock offset: -14.313 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 12.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 12.551 ms
Loss rate: 0.00%
```

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

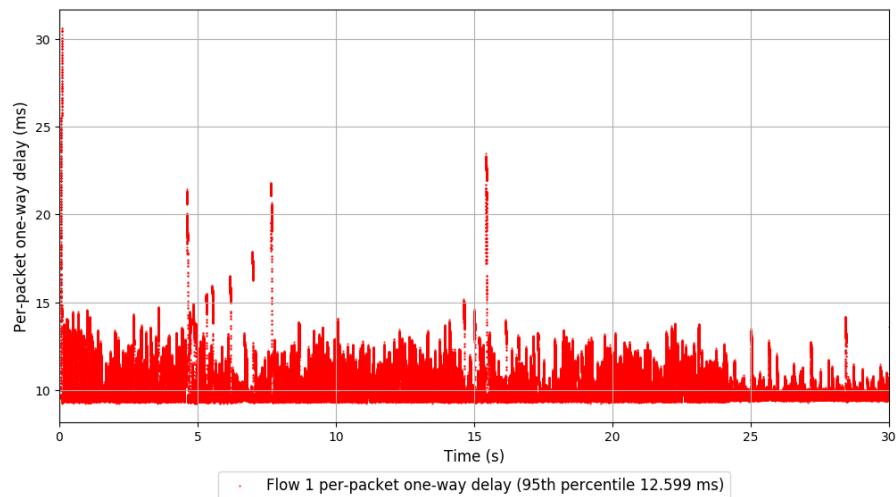
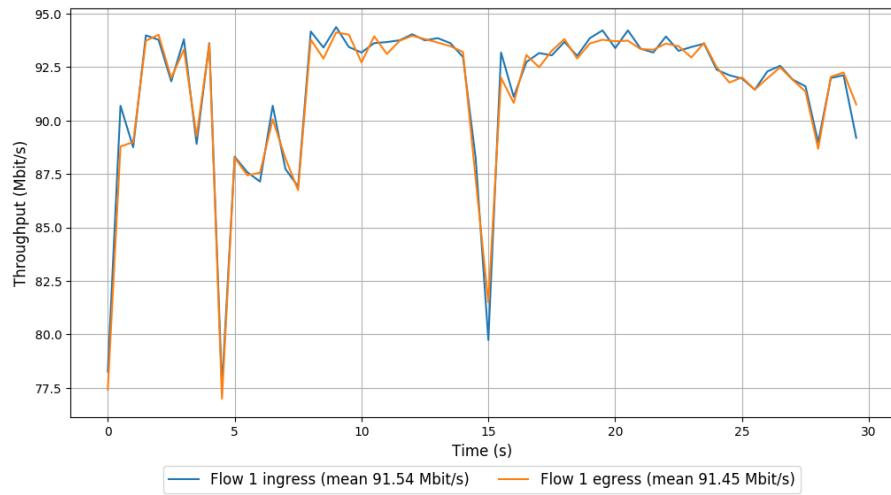


Run 6: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:55:55 +0000
End at: Wed, 05 Jul 2017 08:56:25 +0000
Local clock offset: 4.007 ms
Remote clock offset: -15.197 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.45 Mbit/s
95th percentile per-packet one-way delay: 12.599 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 91.45 Mbit/s
95th percentile per-packet one-way delay: 12.599 ms
Loss rate: 0.11%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:13:10 +0000

End at: Wed, 05 Jul 2017 09:13:40 +0000

Local clock offset: 0.797 ms

Remote clock offset: -16.857 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:40:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.17 Mbit/s

95th percentile per-packet one-way delay: 13.884 ms

Loss rate: 0.12%

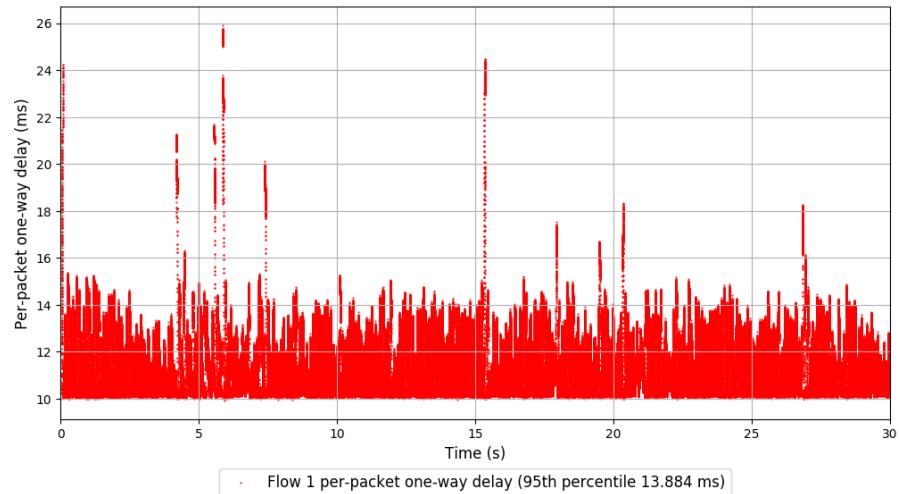
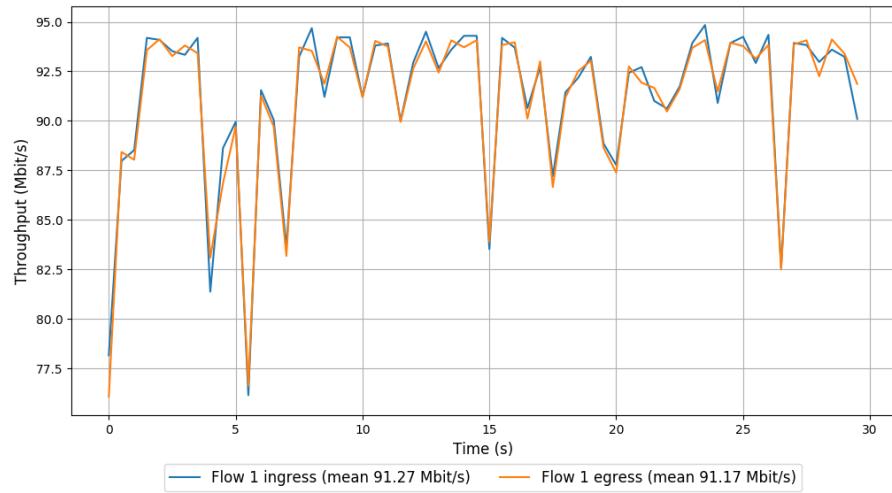
-- Flow 1:

Average throughput: 91.17 Mbit/s

95th percentile per-packet one-way delay: 13.884 ms

Loss rate: 0.12%

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

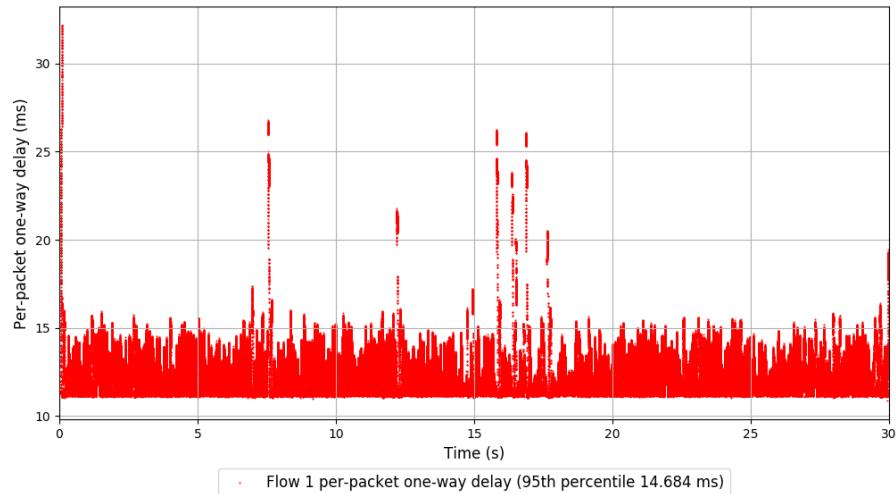
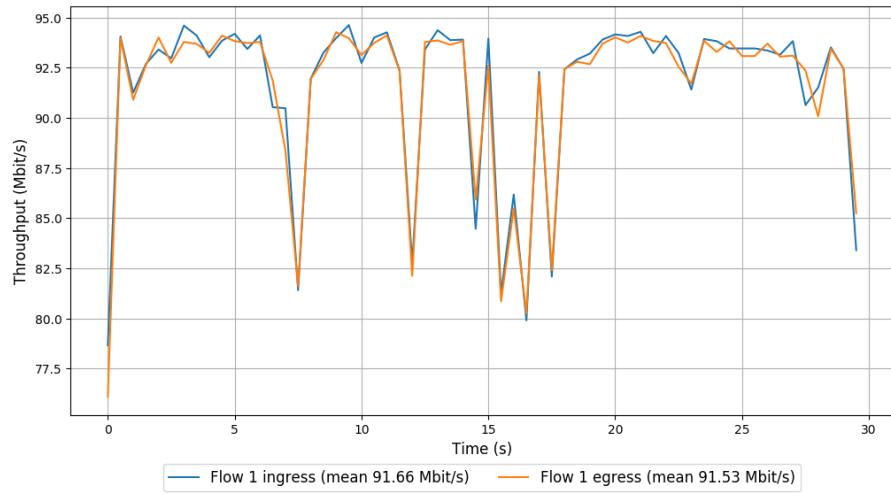


Run 8: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 09:30:20 +0000
End at: Wed, 05 Jul 2017 09:30:50 +0000
Local clock offset: 3.092 ms
Remote clock offset: -16.571 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.53 Mbit/s
95th percentile per-packet one-way delay: 14.684 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 91.53 Mbit/s
95th percentile per-packet one-way delay: 14.684 ms
Loss rate: 0.14%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:47:58 +0000

End at: Wed, 05 Jul 2017 09:48:29 +0000

Local clock offset: 2.867 ms

Remote clock offset: -16.589 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:40:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 14.814 ms

Loss rate: 0.00%

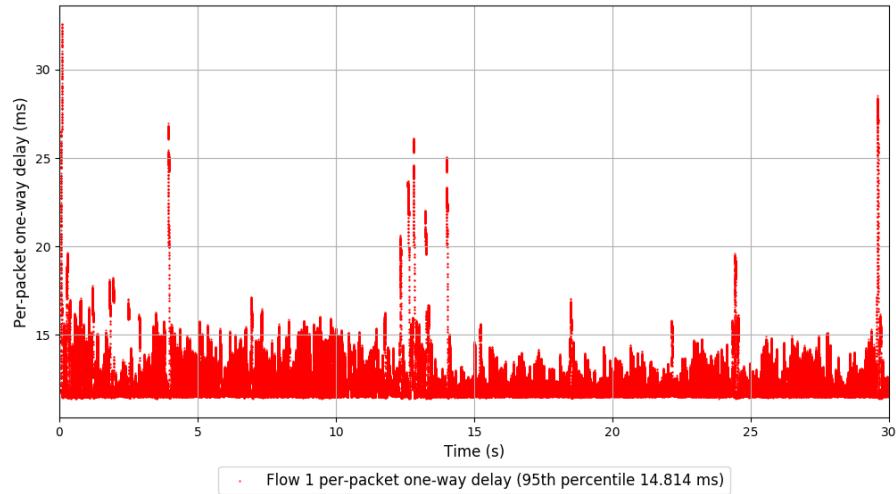
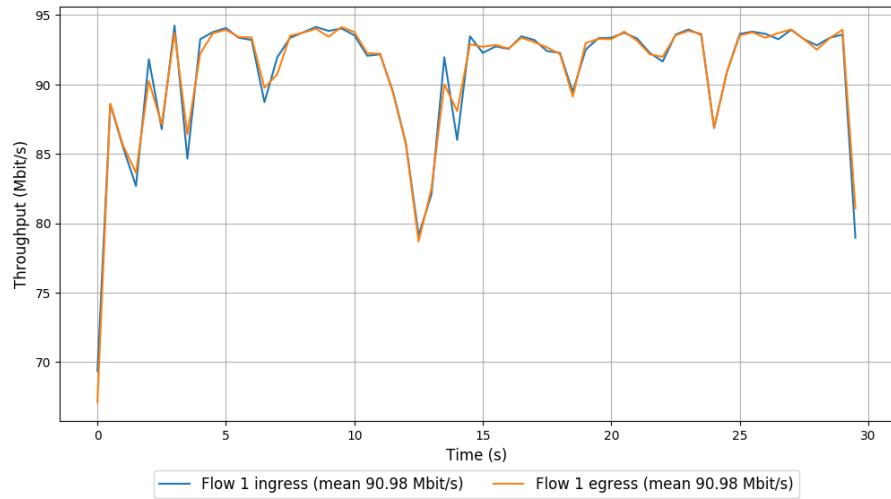
-- Flow 1:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 14.814 ms

Loss rate: 0.00%

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

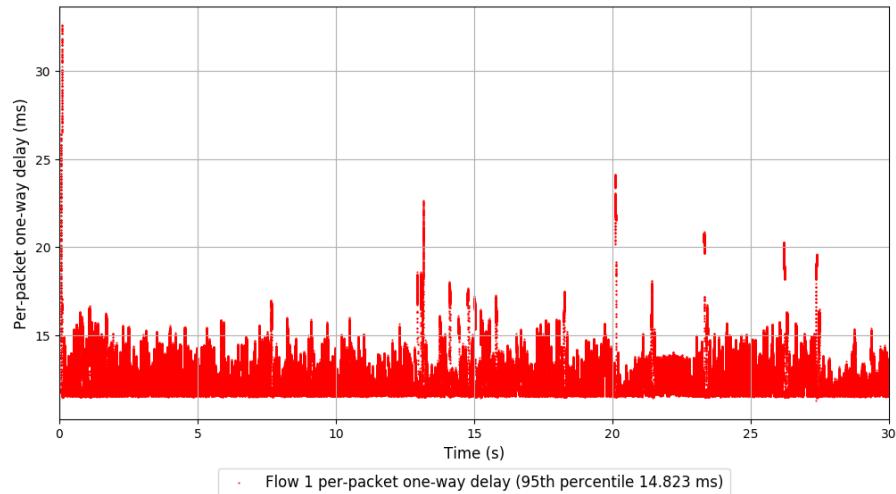
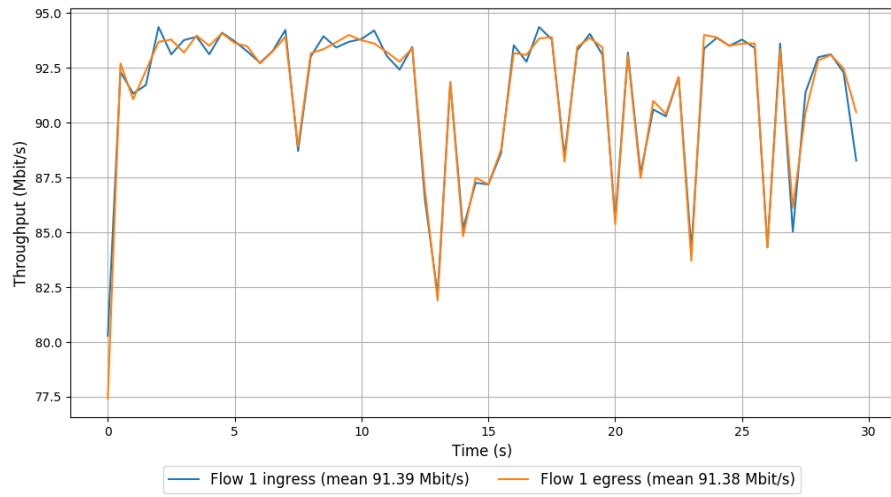


Run 10: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:05:47 +0000
End at: Wed, 05 Jul 2017 10:06:17 +0000
Local clock offset: -2.575 ms
Remote clock offset: -17.505 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 14.823 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 14.823 ms
Loss rate: 0.01%
```

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

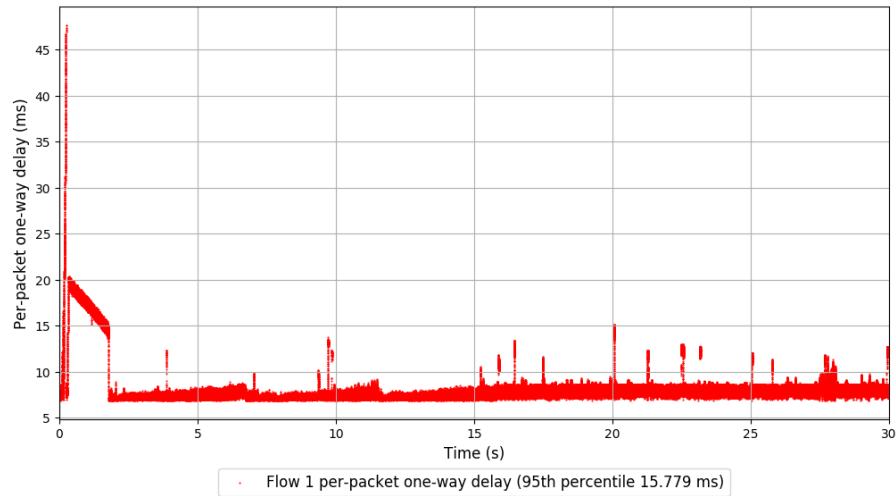
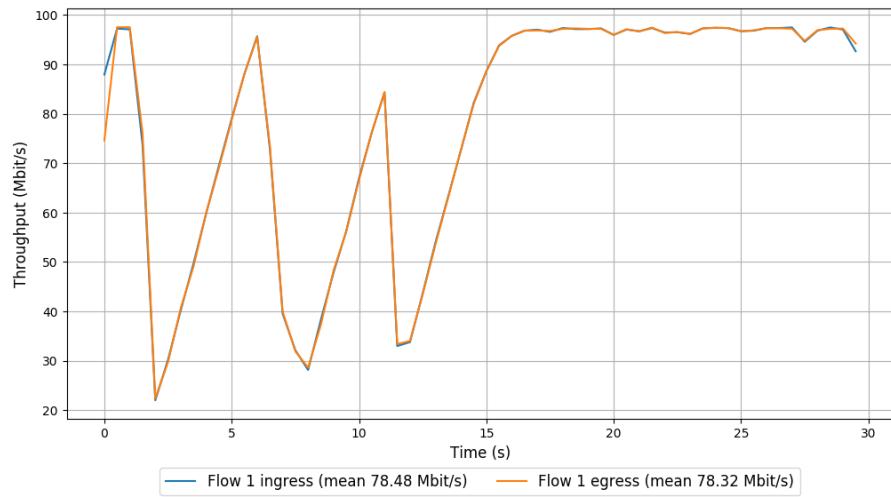


Run 1: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 07:27:50 +0000
End at: Wed, 05 Jul 2017 07:28:20 +0000
Local clock offset: 0.681 ms
Remote clock offset: -11.673 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.32 Mbit/s
95th percentile per-packet one-way delay: 15.779 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 78.32 Mbit/s
95th percentile per-packet one-way delay: 15.779 ms
Loss rate: 0.21%
```

Run 1: Report of TCP Vegas — Data Link

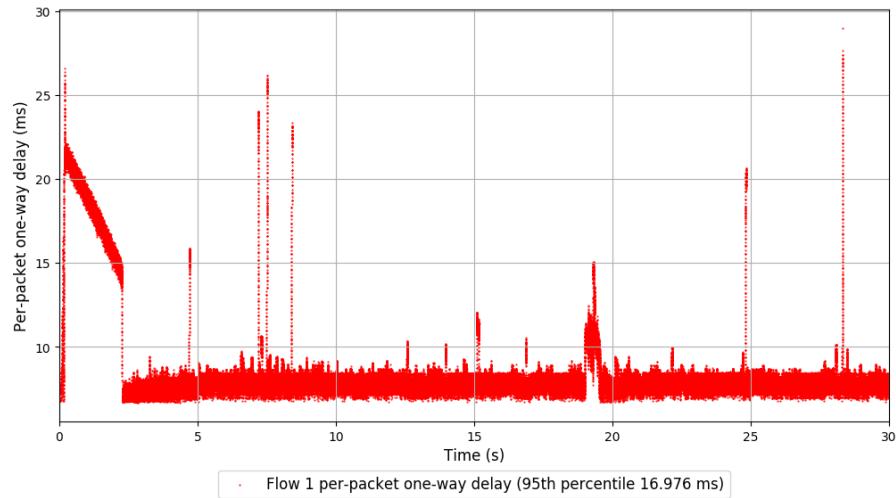
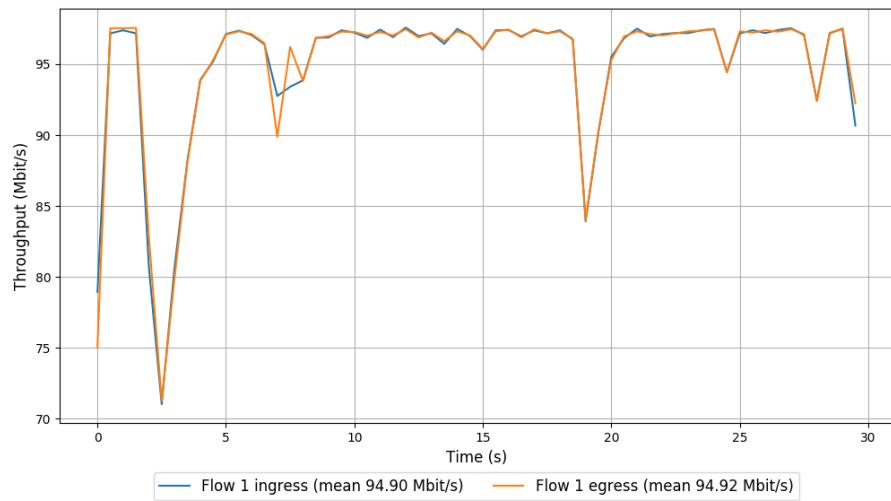


Run 2: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 07:45:15 +0000
End at: Wed, 05 Jul 2017 07:45:45 +0000
Local clock offset: -1.371 ms
Remote clock offset: -12.378 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 16.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 16.976 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

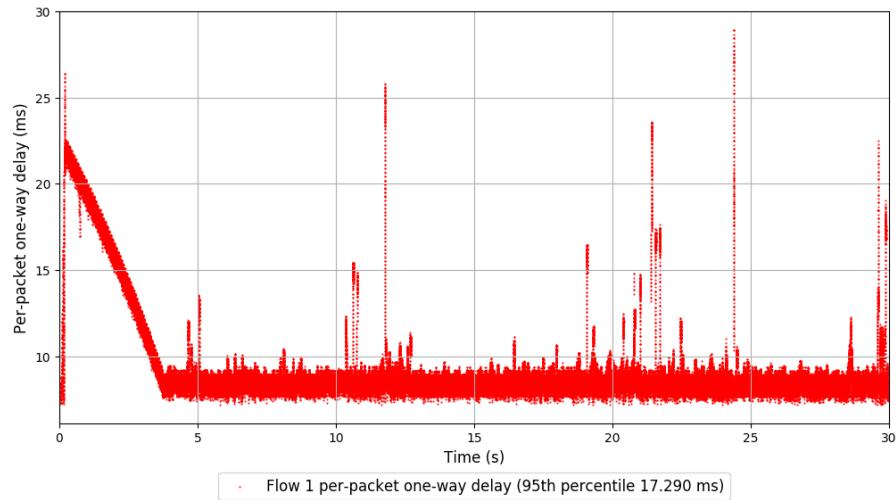
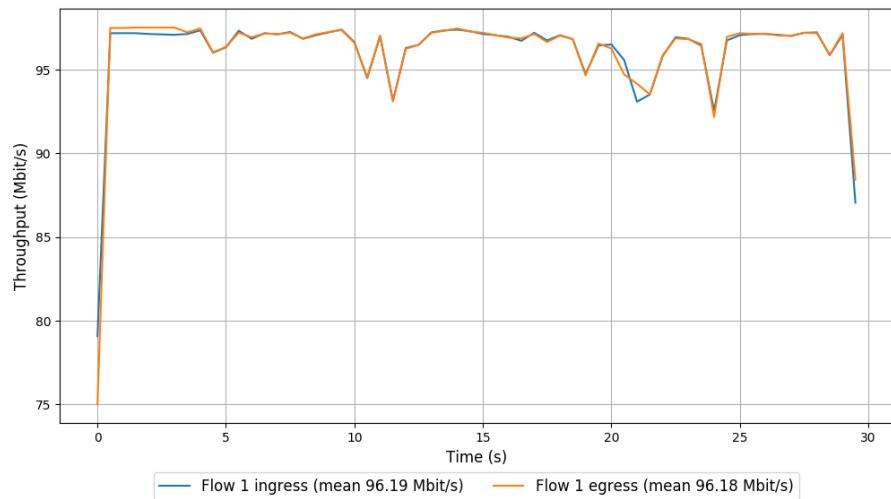


Run 3: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:02:50 +0000
End at: Wed, 05 Jul 2017 08:03:20 +0000
Local clock offset: 1.998 ms
Remote clock offset: -13.733 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

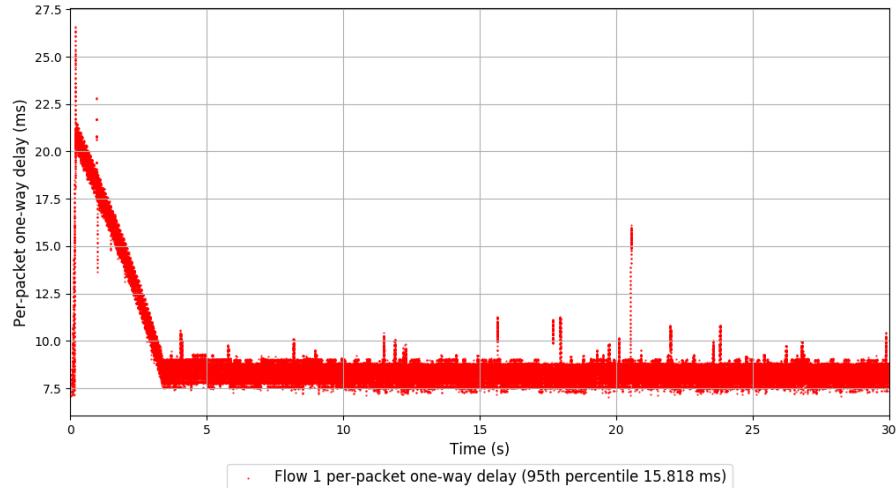
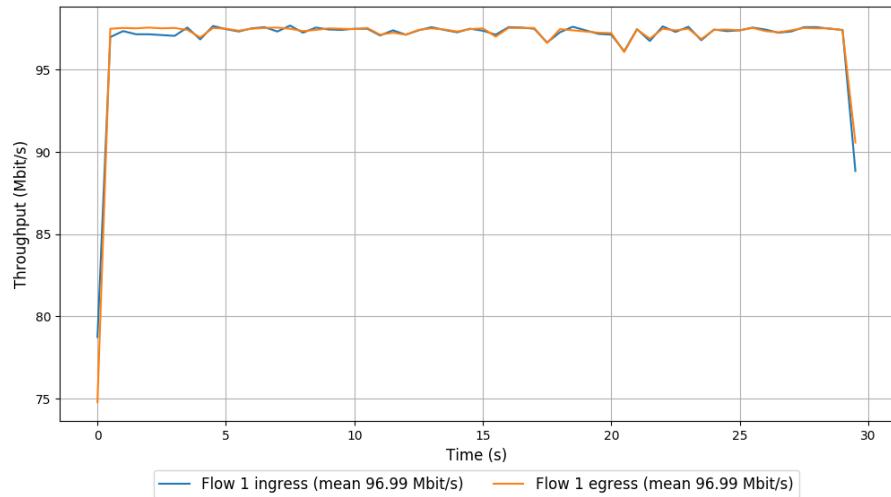


Run 4: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:20:14 +0000
End at: Wed, 05 Jul 2017 08:20:44 +0000
Local clock offset: -0.42 ms
Remote clock offset: -12.312 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 15.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 15.818 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

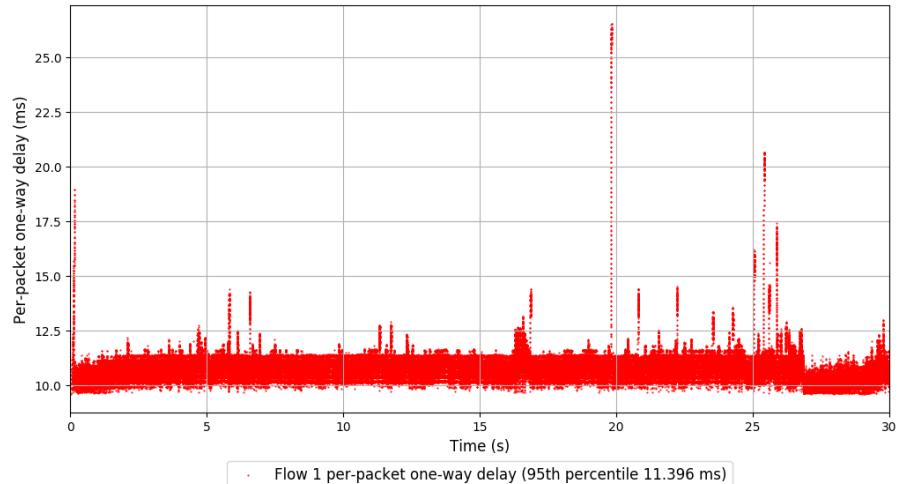
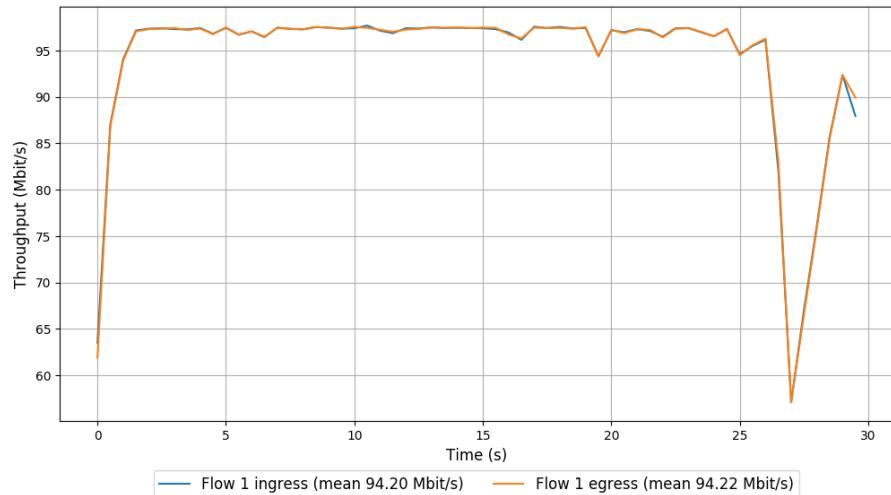


Run 5: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:37:34 +0000
End at: Wed, 05 Jul 2017 08:38:04 +0000
Local clock offset: 1.207 ms
Remote clock offset: -14.489 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 11.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 11.396 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

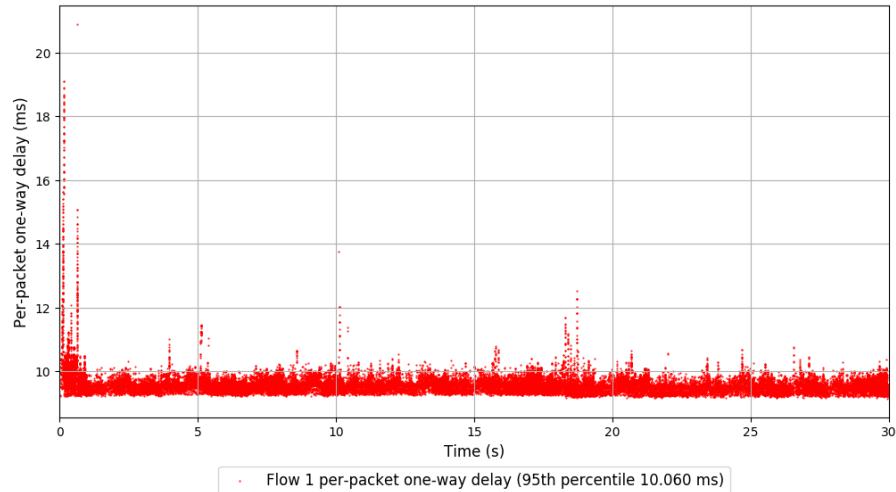
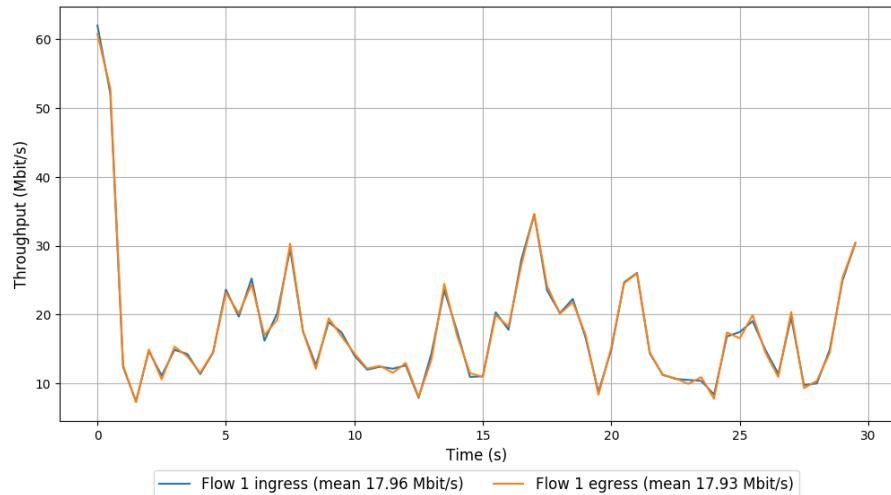


Run 6: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:54:49 +0000
End at: Wed, 05 Jul 2017 08:55:19 +0000
Local clock offset: 1.947 ms
Remote clock offset: -15.221 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.93 Mbit/s
95th percentile per-packet one-way delay: 10.060 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 17.93 Mbit/s
95th percentile per-packet one-way delay: 10.060 ms
Loss rate: 0.12%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:12:04 +0000

End at: Wed, 05 Jul 2017 09:12:34 +0000

Local clock offset: 3.306 ms

Remote clock offset: -14.498 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:41:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.28 Mbit/s

95th percentile per-packet one-way delay: 22.024 ms

Loss rate: 1.40%

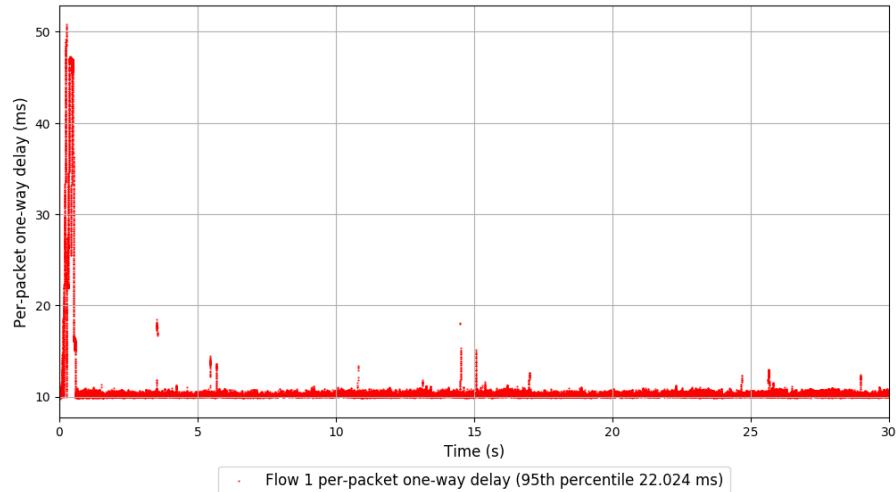
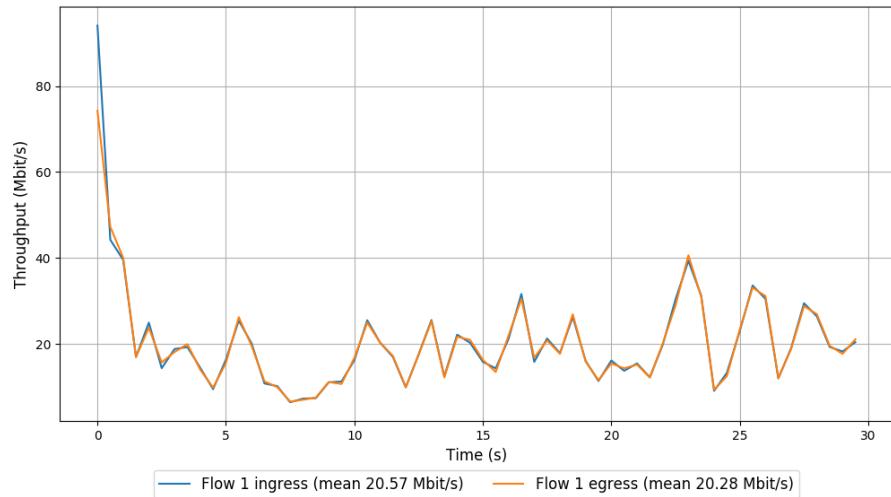
-- Flow 1:

Average throughput: 20.28 Mbit/s

95th percentile per-packet one-way delay: 22.024 ms

Loss rate: 1.40%

Run 7: Report of TCP Vegas — Data Link

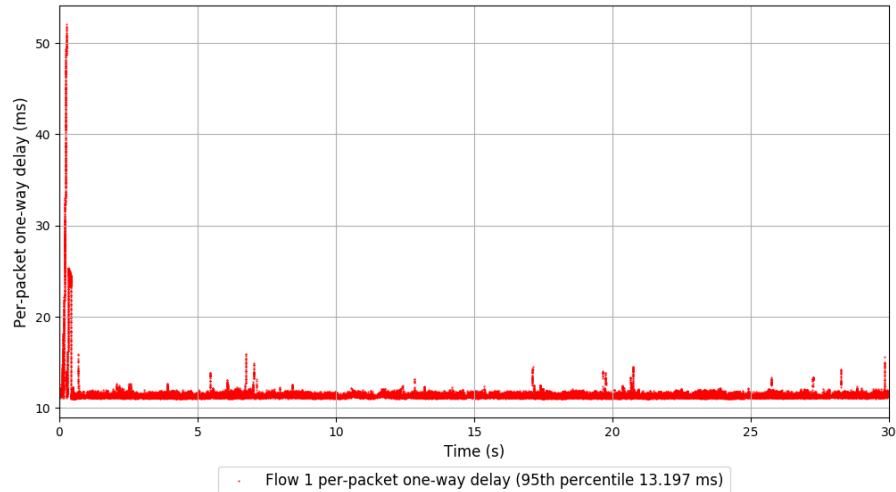
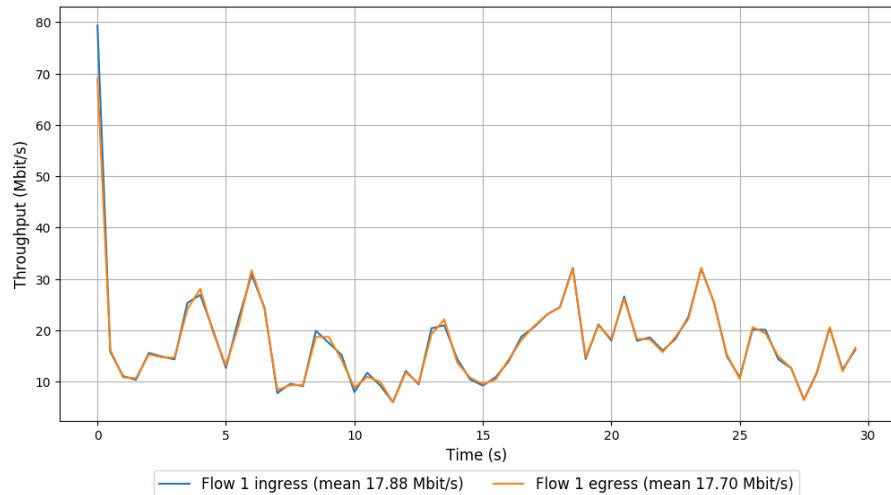


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:29:14 +0000
End at: Wed, 05 Jul 2017 09:29:44 +0000
Local clock offset: 1.883 ms
Remote clock offset: -16.662 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 13.197 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 13.197 ms
Loss rate: 1.04%
```

Run 8: Report of TCP Vegas — Data Link

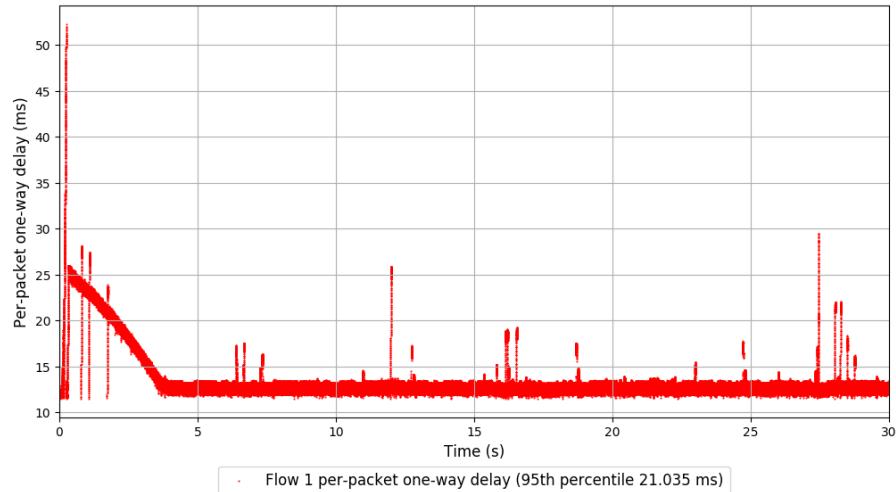
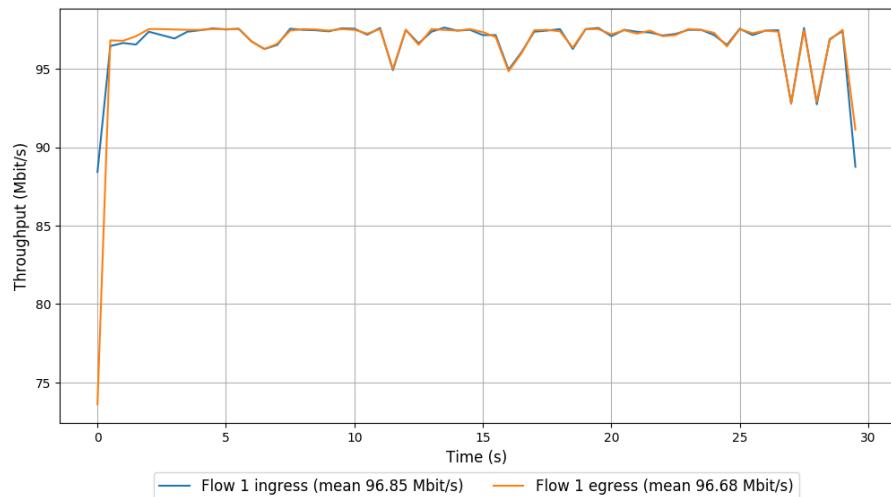


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:46:44 +0000
End at: Wed, 05 Jul 2017 09:47:14 +0000
Local clock offset: 3.503 ms
Remote clock offset: -17.763 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 21.035 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 21.035 ms
Loss rate: 0.17%
```

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 10:04:34 +0000

End at: Wed, 05 Jul 2017 10:05:04 +0000

Local clock offset: 3.115 ms

Remote clock offset: -17.357 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:41:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 20.441 ms

Loss rate: 0.17%

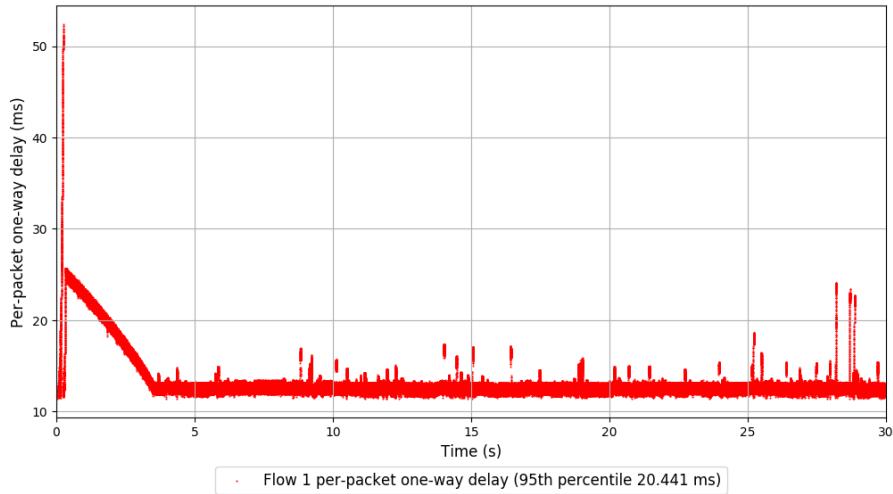
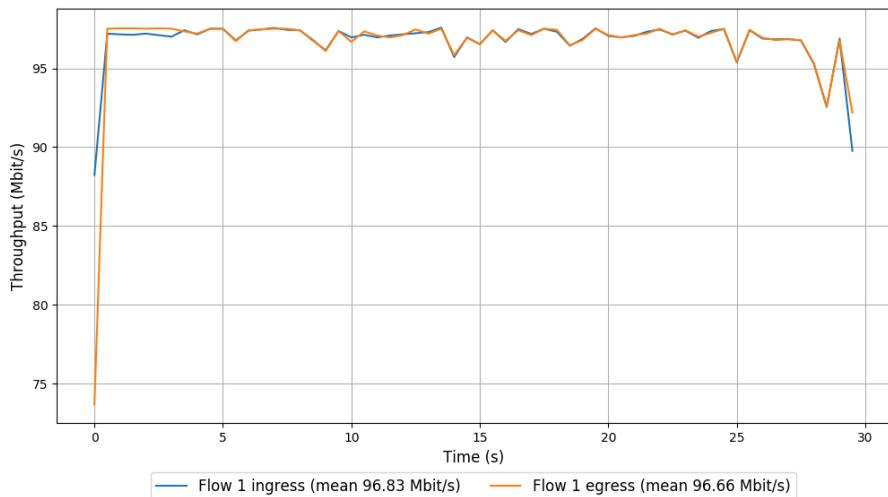
-- Flow 1:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 20.441 ms

Loss rate: 0.17%

Run 10: Report of TCP Vegas — Data Link

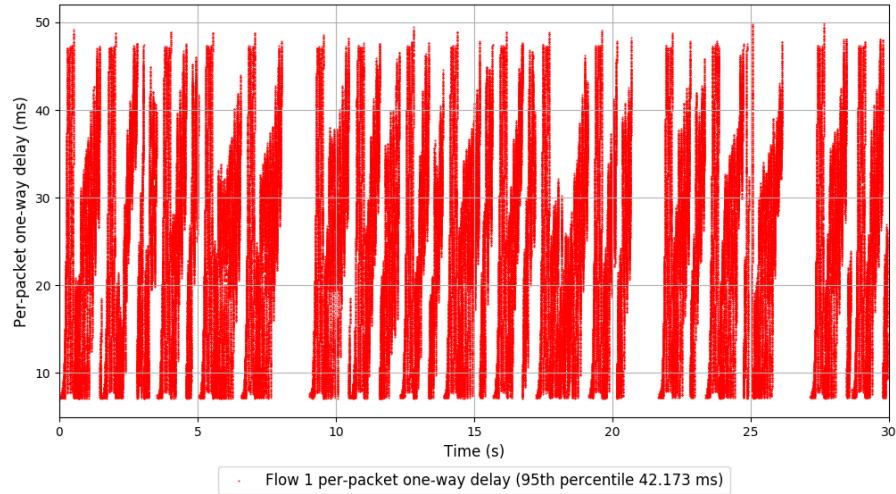
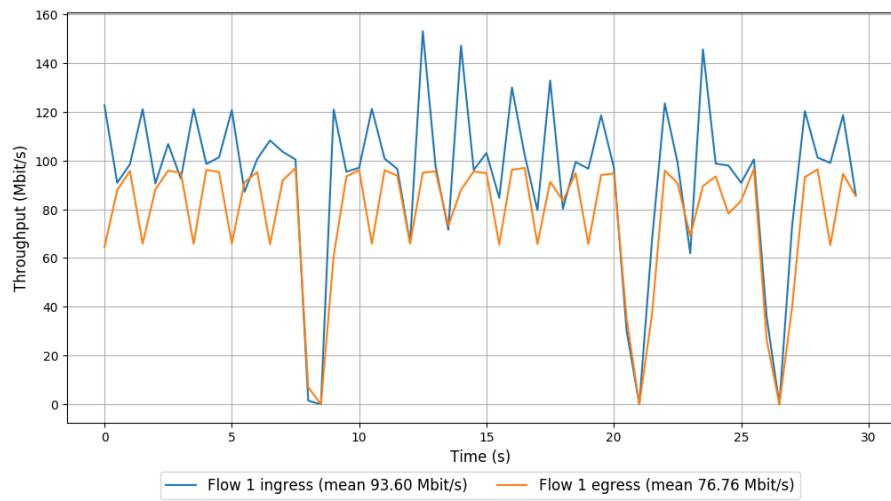


Run 1: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:19:43 +0000
End at: Wed, 05 Jul 2017 07:20:13 +0000
Local clock offset: -0.151 ms
Remote clock offset: -12.887 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 42.173 ms
Loss rate: 17.97%
-- Flow 1:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 42.173 ms
Loss rate: 17.97%
```

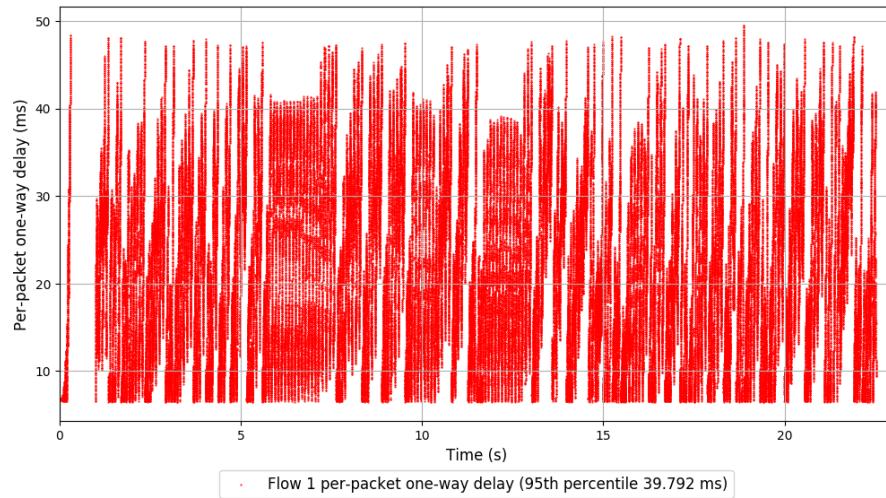
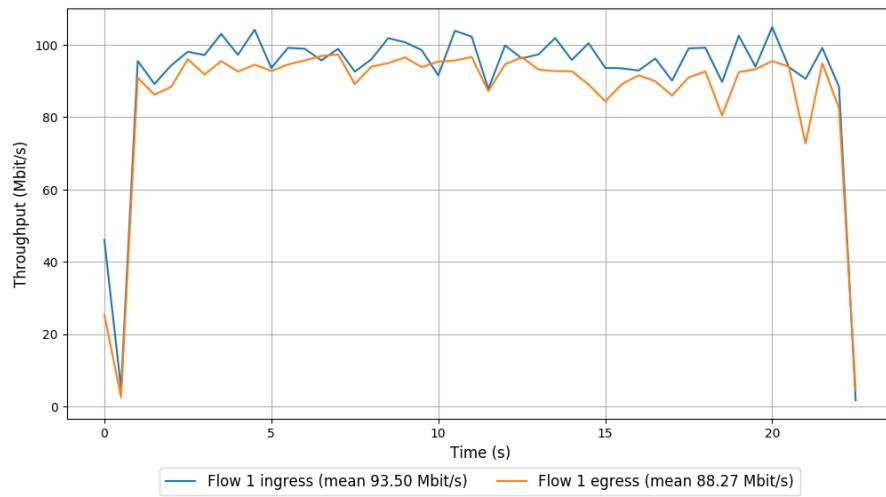
Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Wed, 05 Jul 2017 07:37:12 +0000
End at: Wed, 05 Jul 2017 07:37:42 +0000
Local clock offset: -2.867 ms
Remote clock offset: -11.832 ms

Run 2: Report of Verus — Data Link

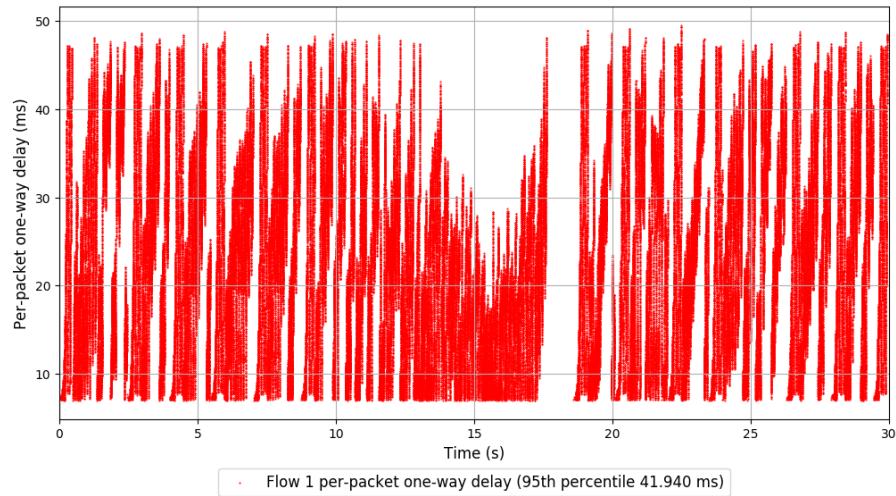
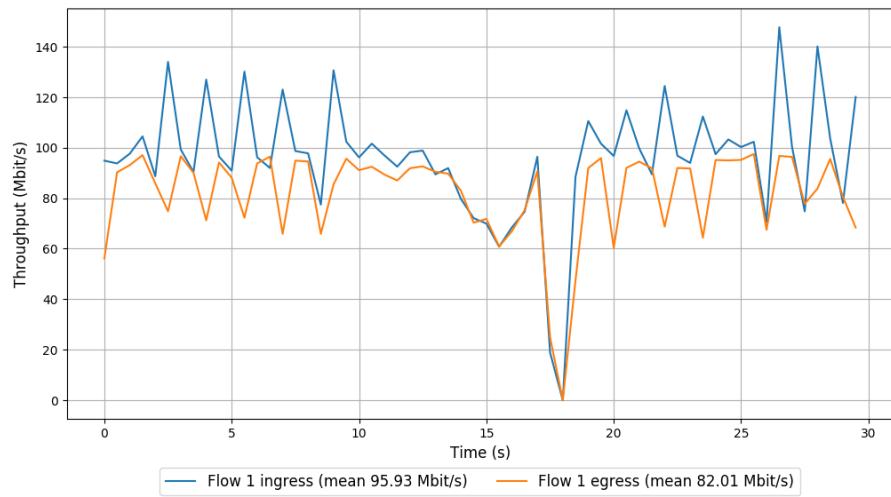


Run 3: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:54:41 +0000
End at: Wed, 05 Jul 2017 07:55:11 +0000
Local clock offset: 2.975 ms
Remote clock offset: -11.438 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 41.940 ms
Loss rate: 14.44%
-- Flow 1:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 41.940 ms
Loss rate: 14.44%
```

Run 3: Report of Verus — Data Link

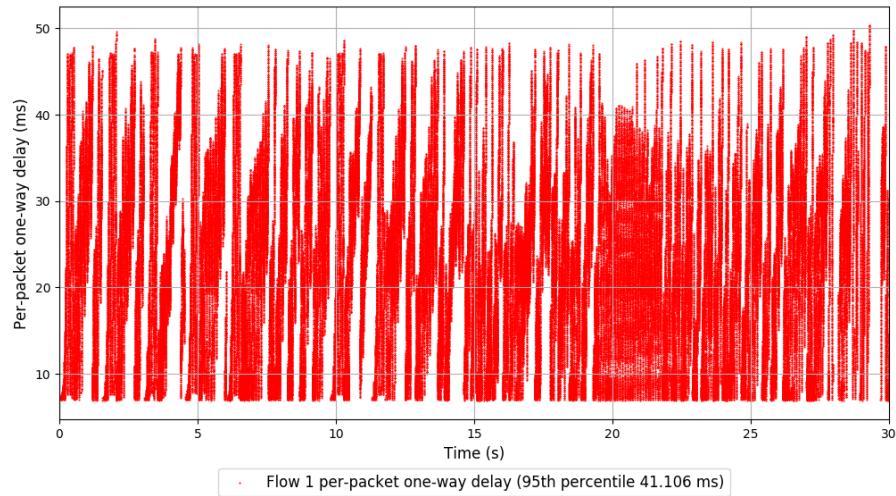
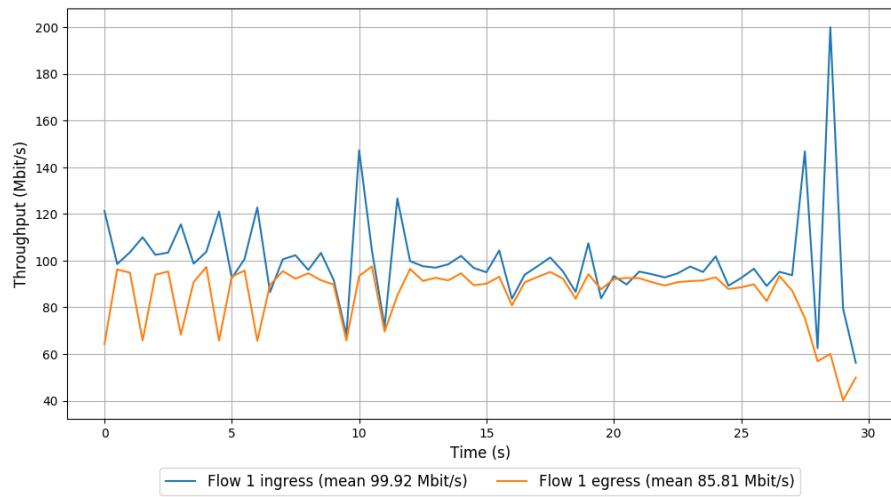


Run 4: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:12:12 +0000
End at: Wed, 05 Jul 2017 08:12:42 +0000
Local clock offset: 2.013 ms
Remote clock offset: -12.909 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 41.106 ms
Loss rate: 14.12%
-- Flow 1:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 41.106 ms
Loss rate: 14.12%
```

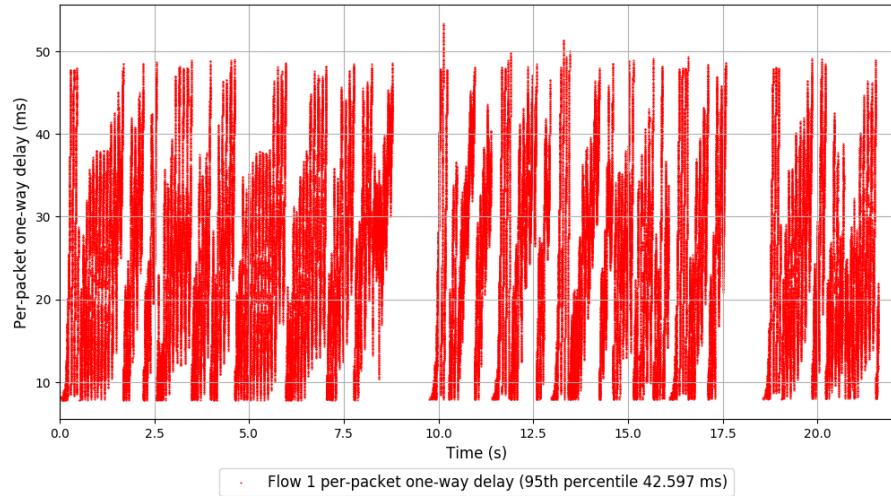
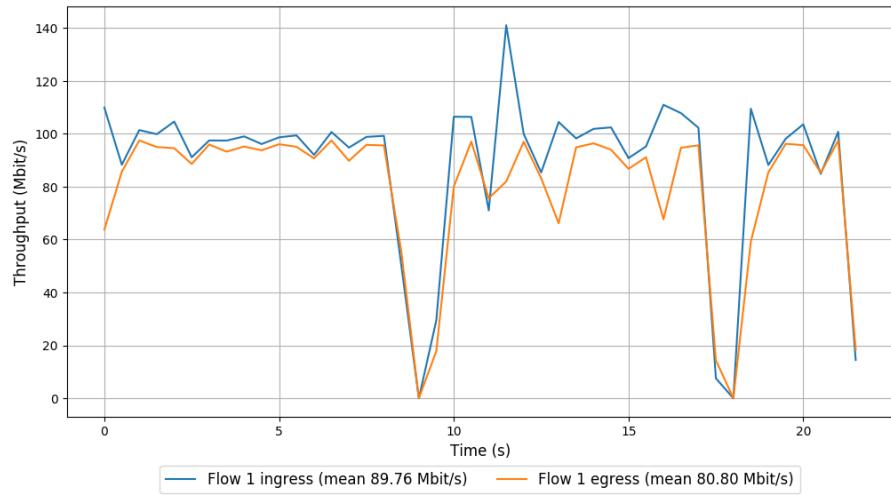
Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:29:33 +0000
End at: Wed, 05 Jul 2017 08:30:03 +0000
Local clock offset: 1.111 ms
Remote clock offset: -15.297 ms

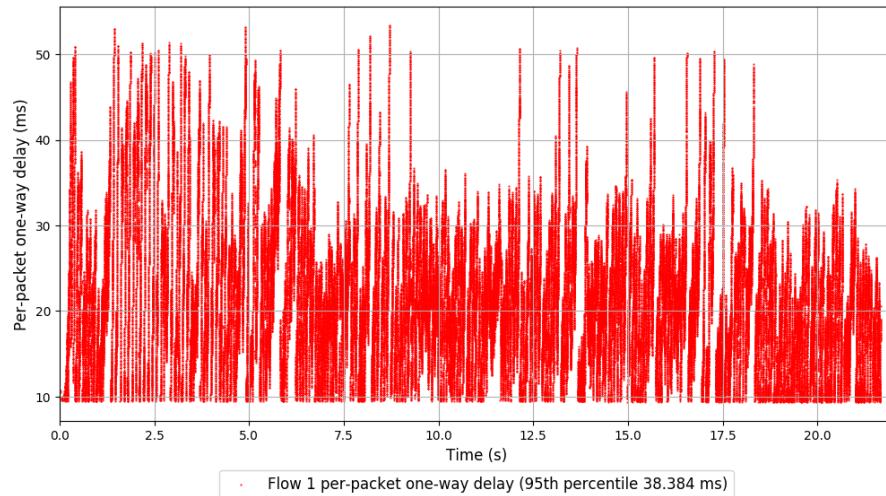
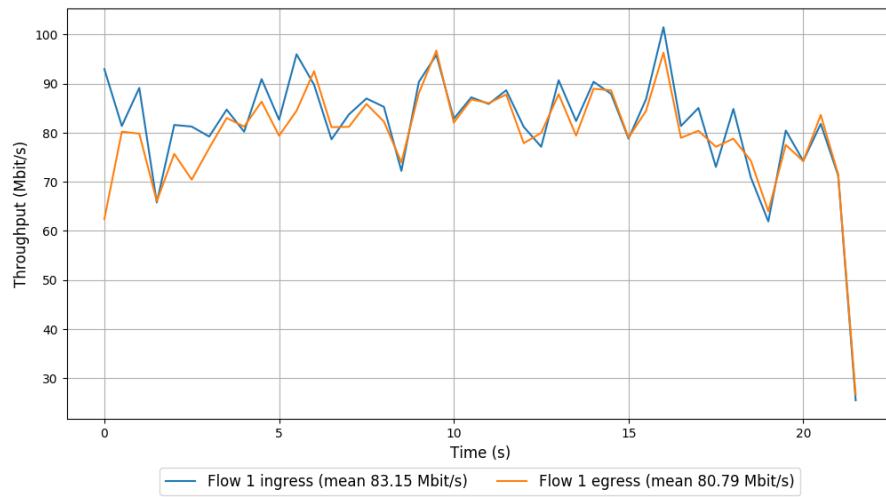
Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:46:53 +0000
End at: Wed, 05 Jul 2017 08:47:23 +0000
Local clock offset: 3.639 ms
Remote clock offset: -14.842 ms

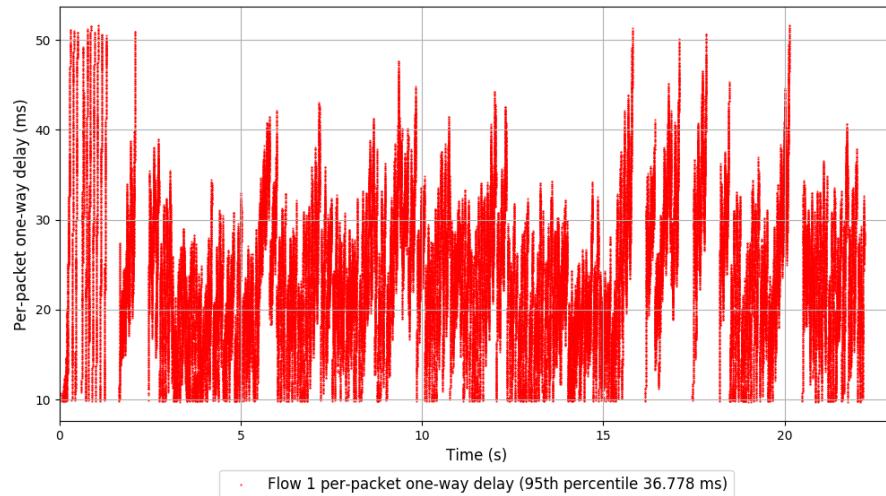
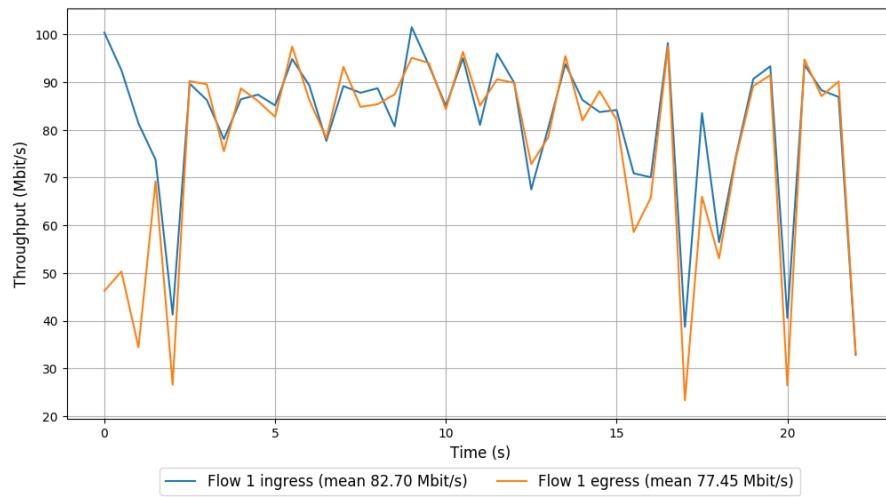
Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Wed, 05 Jul 2017 09:04:08 +0000
End at: Wed, 05 Jul 2017 09:04:38 +0000
Local clock offset: 3.349 ms
Remote clock offset: -13.577 ms

Run 7: Report of Verus — Data Link

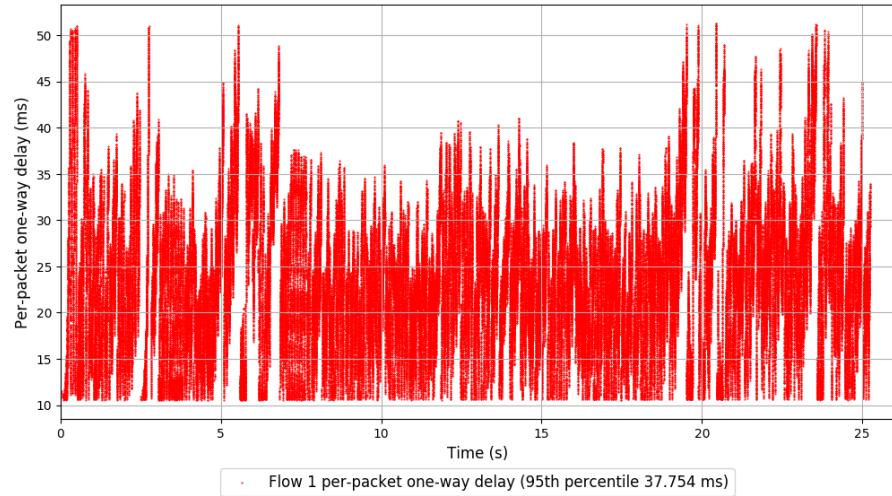
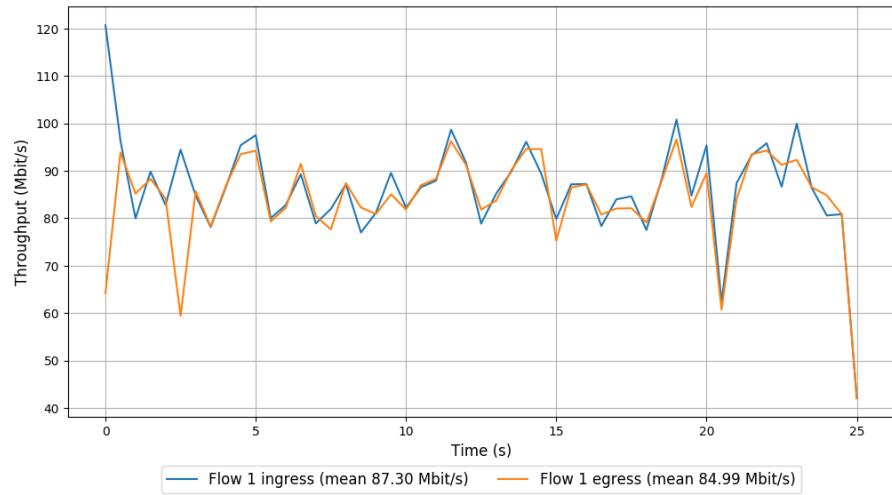


Run 8: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:21:19 +0000
End at: Wed, 05 Jul 2017 09:21:49 +0000
Local clock offset: 3.366 ms
Remote clock offset: -16.565 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.99 Mbit/s
95th percentile per-packet one-way delay: 37.754 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 84.99 Mbit/s
95th percentile per-packet one-way delay: 37.754 ms
Loss rate: 2.60%
```

Run 8: Report of Verus — Data Link

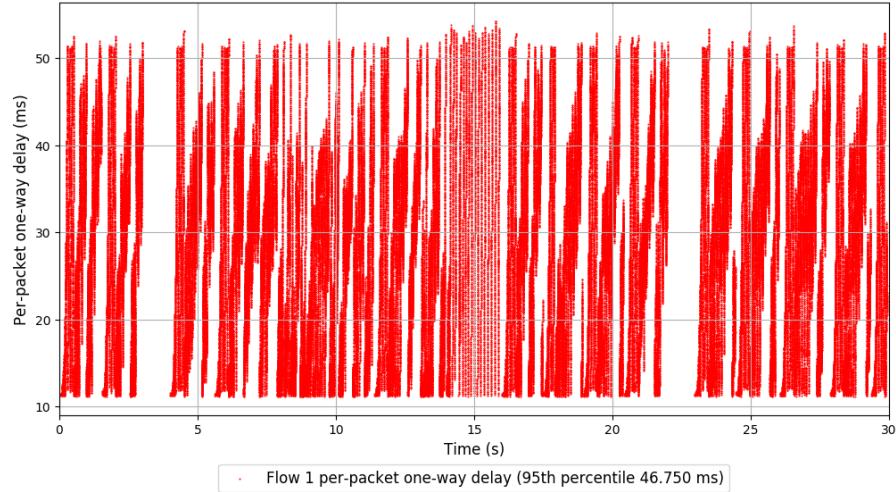
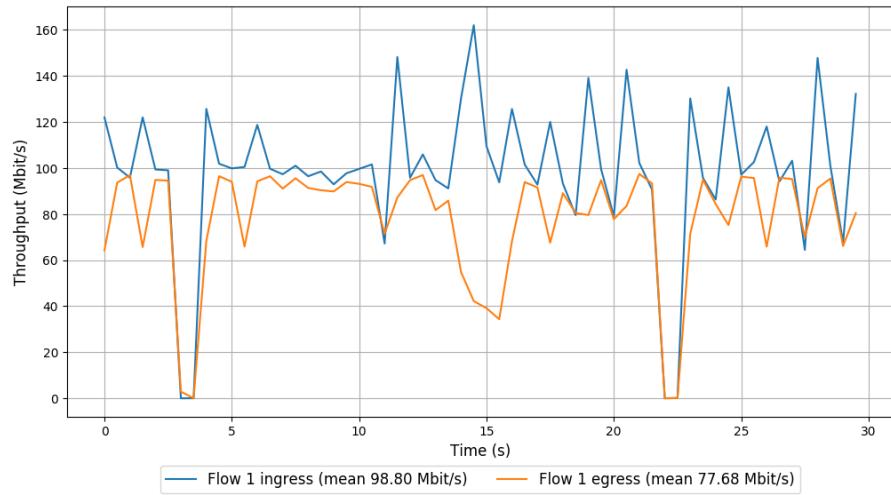


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:38:25 +0000
End at: Wed, 05 Jul 2017 09:38:55 +0000
Local clock offset: 1.198 ms
Remote clock offset: -16.016 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 46.750 ms
Loss rate: 21.34%
-- Flow 1:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 46.750 ms
Loss rate: 21.34%
```

Run 9: Report of Verus — Data Link

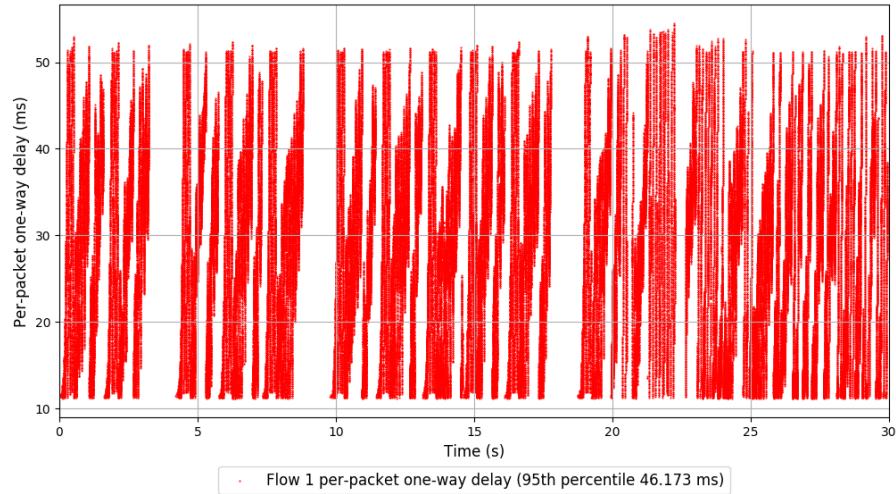
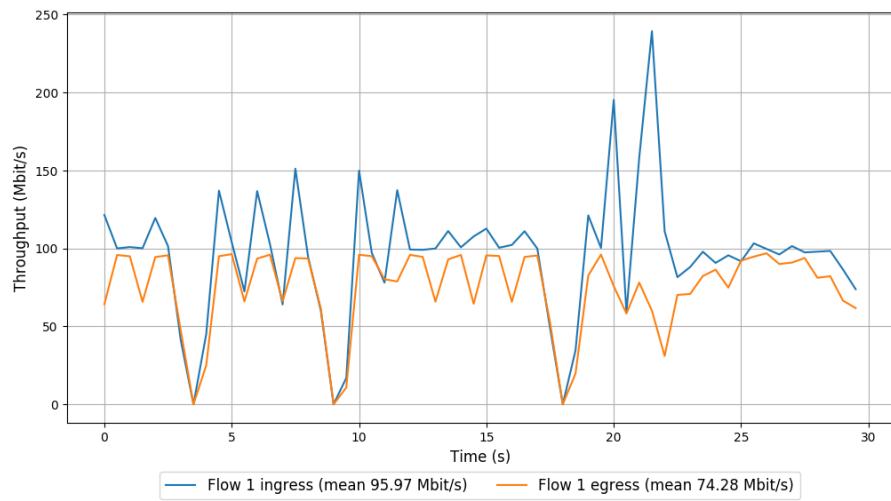


Run 10: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:56:12 +0000
End at: Wed, 05 Jul 2017 09:56:42 +0000
Local clock offset: 0.899 ms
Remote clock offset: -17.536 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 46.173 ms
Loss rate: 22.53%
-- Flow 1:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 46.173 ms
Loss rate: 22.53%
```

Run 10: Report of Verus — Data Link

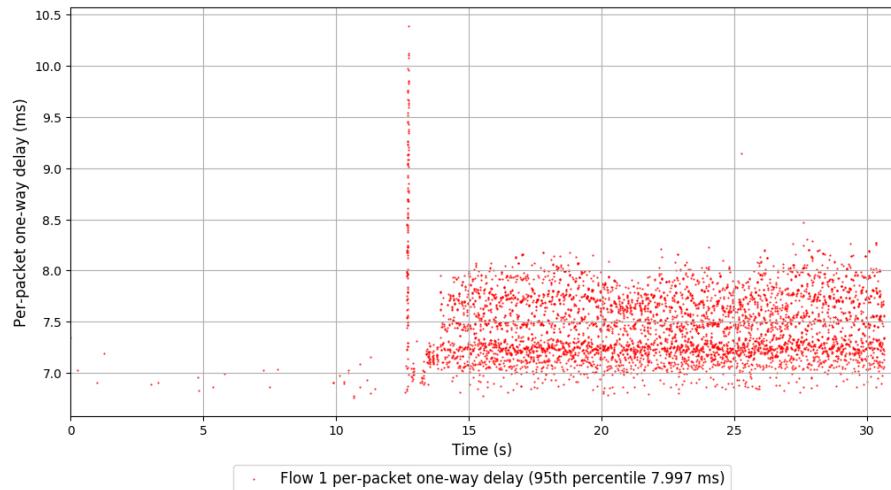
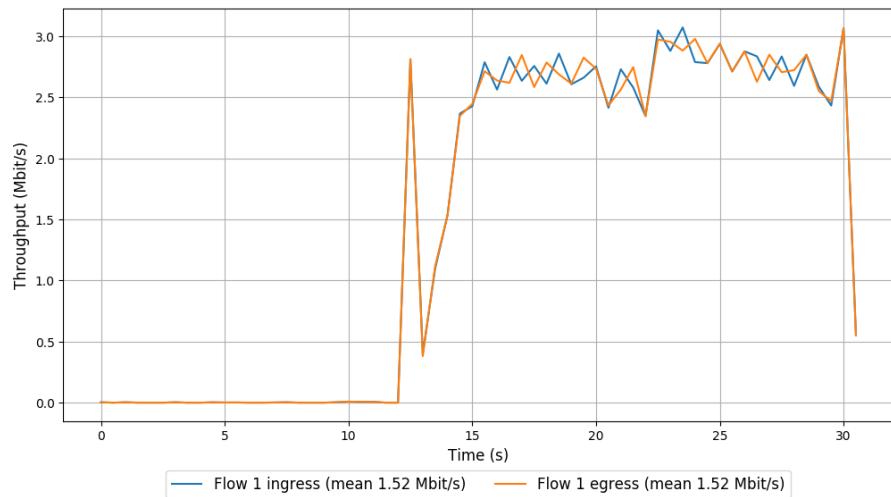


```
Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 07:17:25 +0000
End at: Wed, 05 Jul 2017 07:17:55 +0000
Local clock offset: -2.061 ms
Remote clock offset: -11.973 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 7.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 7.997 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

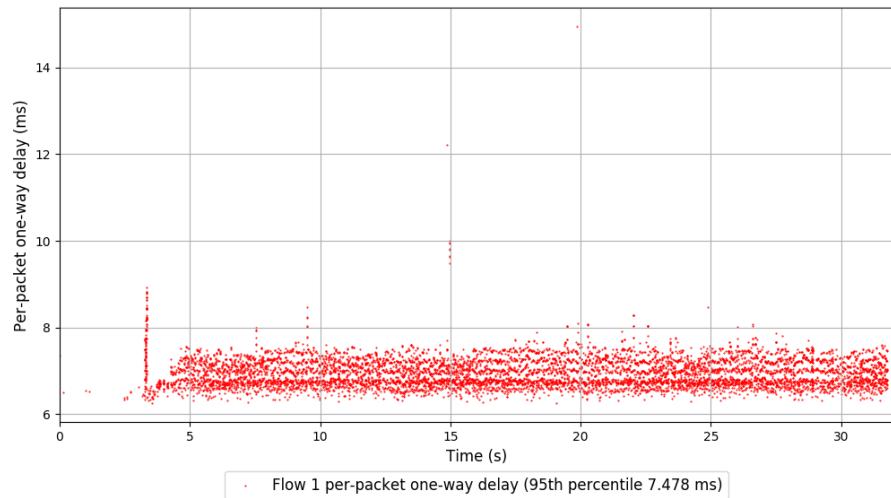
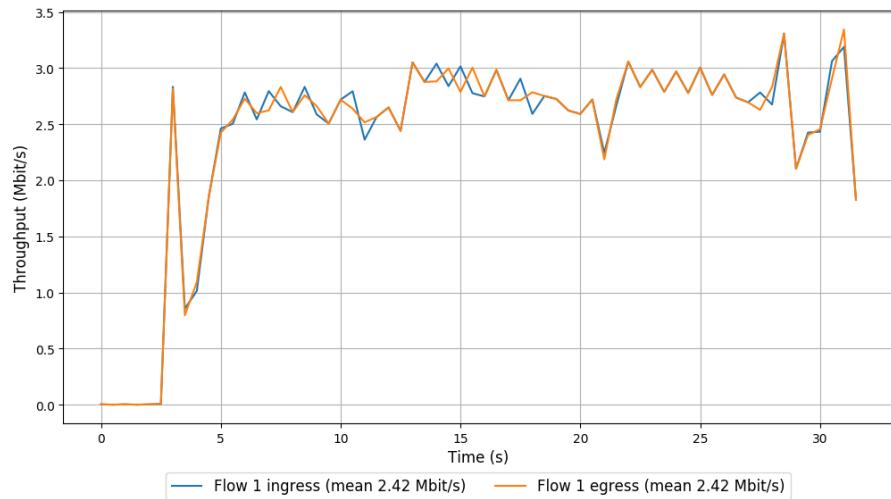


Run 2: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 07:34:53 +0000
End at: Wed, 05 Jul 2017 07:35:23 +0000
Local clock offset: 2.245 ms
Remote clock offset: -12.712 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 7.478 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 7.478 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

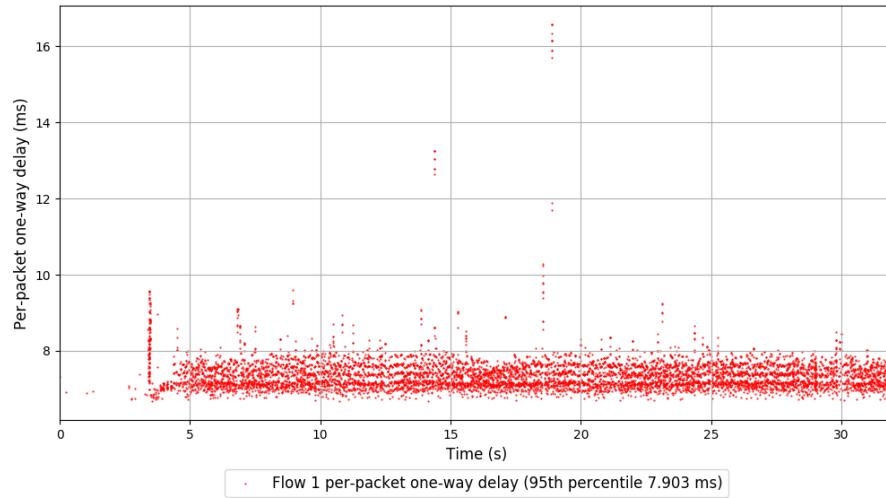
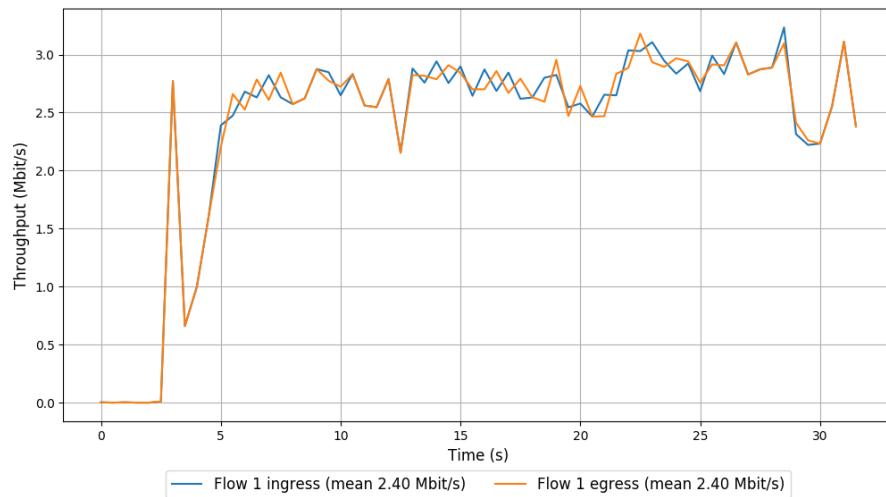


Run 3: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 07:52:22 +0000
End at: Wed, 05 Jul 2017 07:52:52 +0000
Local clock offset: -1.799 ms
Remote clock offset: -13.904 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 7.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 7.903 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

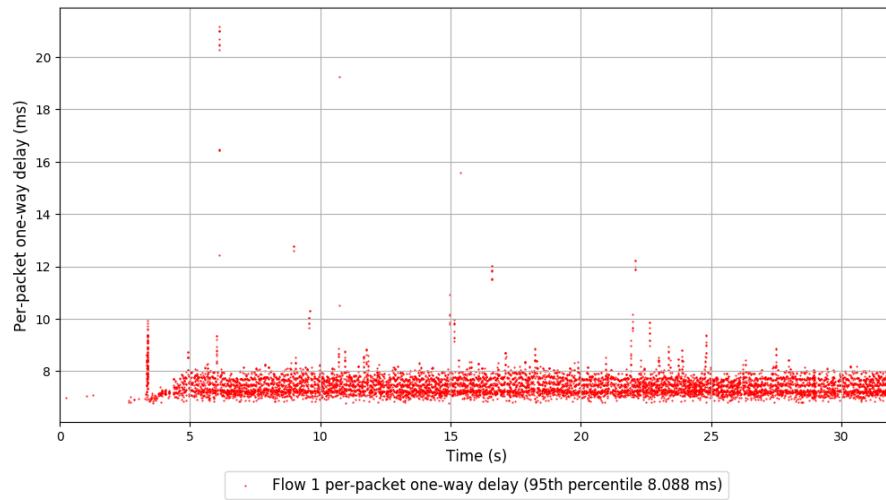
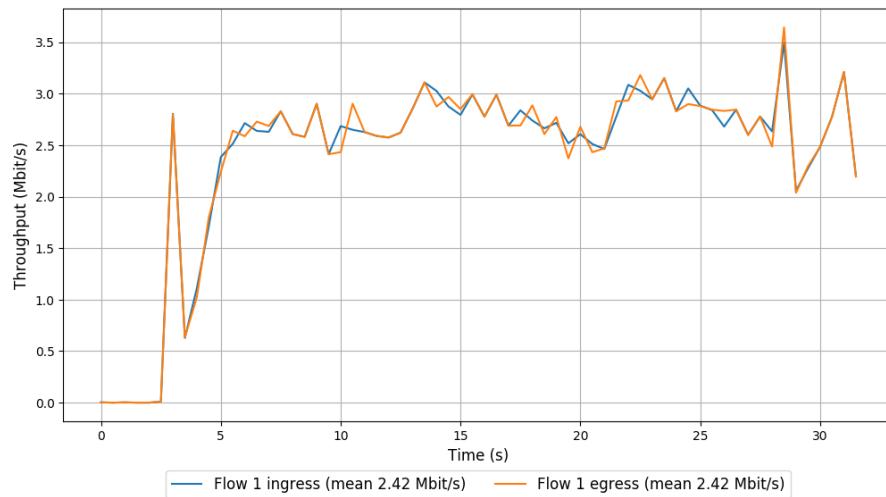


Run 4: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:09:53 +0000
End at: Wed, 05 Jul 2017 08:10:23 +0000
Local clock offset: -1.073 ms
Remote clock offset: -13.351 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 8.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 8.088 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

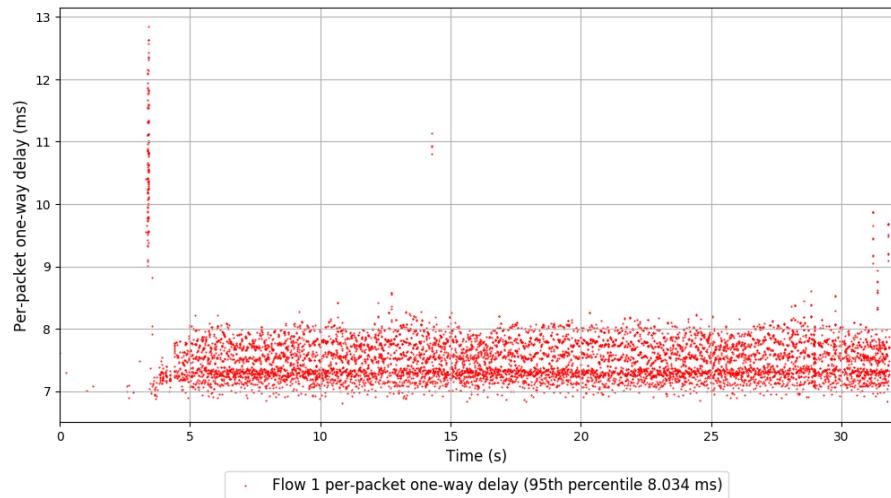
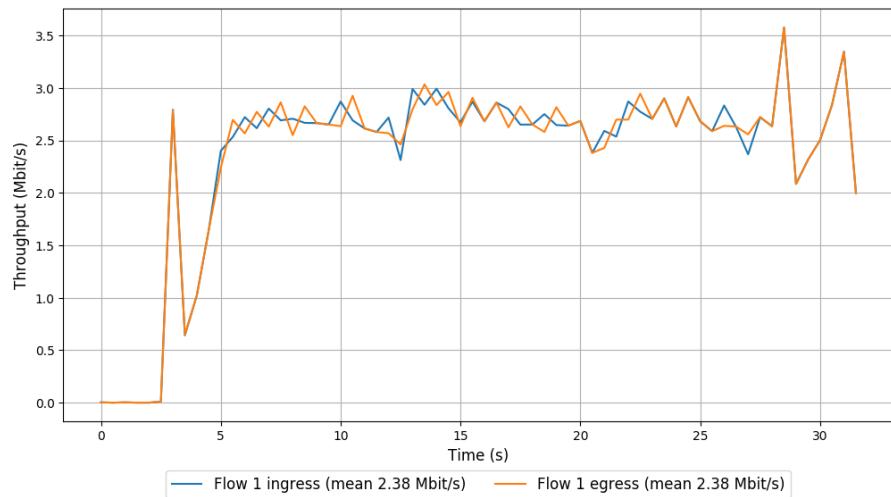


Run 5: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:27:13 +0000
End at: Wed, 05 Jul 2017 08:27:43 +0000
Local clock offset: 1.577 ms
Remote clock offset: -12.529 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 8.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 8.034 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

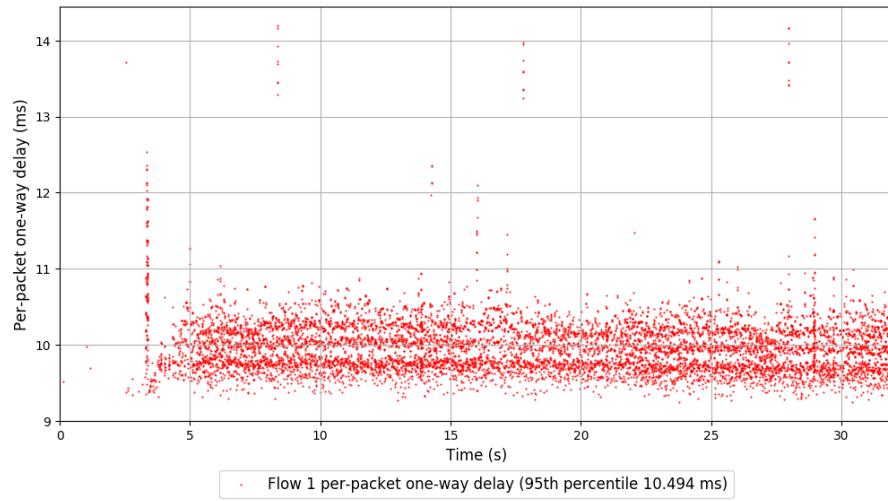
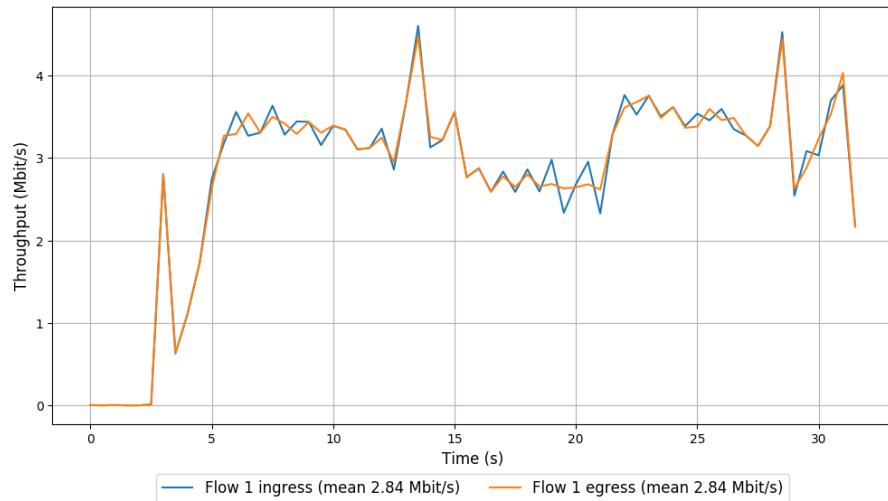


Run 6: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:44:34 +0000
End at: Wed, 05 Jul 2017 08:45:04 +0000
Local clock offset: 2.31 ms
Remote clock offset: -14.554 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 10.494 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 10.494 ms
Loss rate: 0.08%
```

Run 6: Report of WebRTC media — Data Link

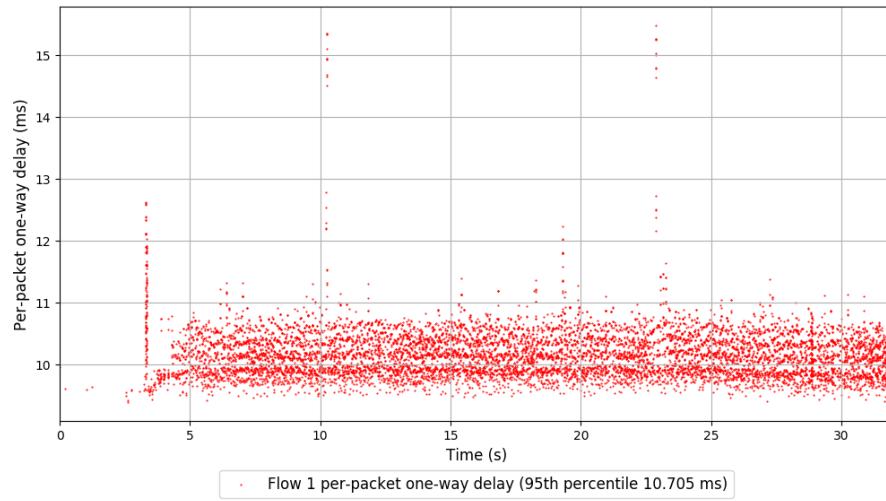
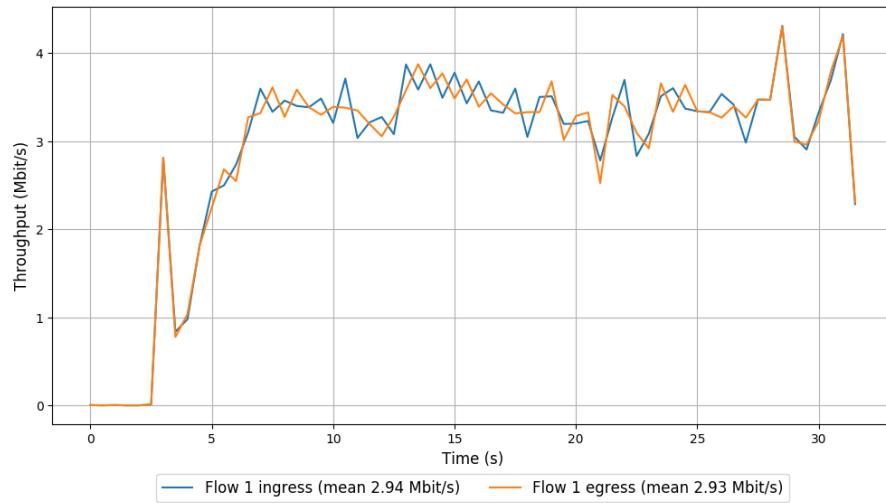


Run 7: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:01:48 +0000
End at: Wed, 05 Jul 2017 09:02:18 +0000
Local clock offset: 2.511 ms
Remote clock offset: -15.687 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 10.705 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 10.705 ms
Loss rate: 0.08%
```

Run 7: Report of WebRTC media — Data Link

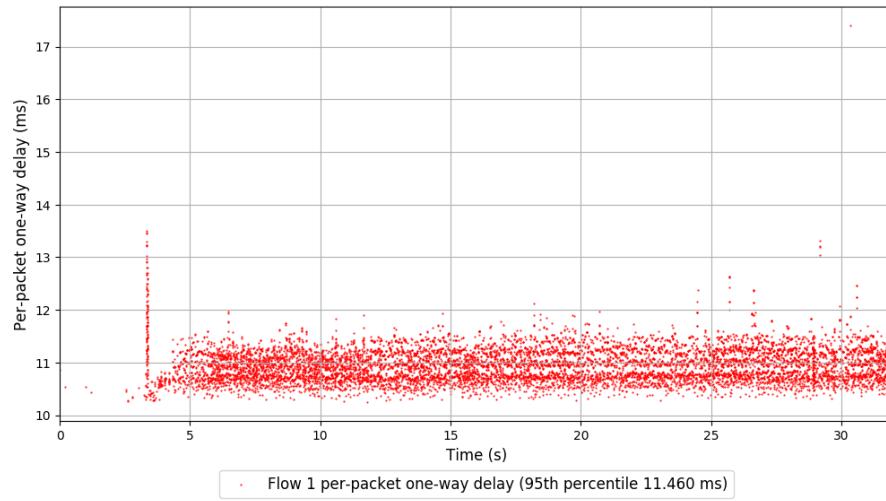
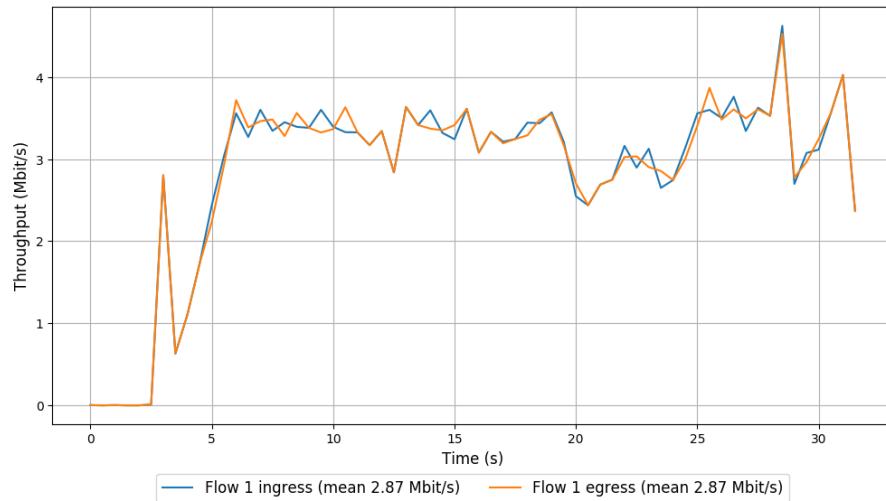


```
Run 8: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 09:19:00 +0000
End at: Wed, 05 Jul 2017 09:19:30 +0000
Local clock offset: 3.604 ms
Remote clock offset: -15.531 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 11.460 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 11.460 ms
Loss rate: 0.10%
```

Run 8: Report of WebRTC media — Data Link

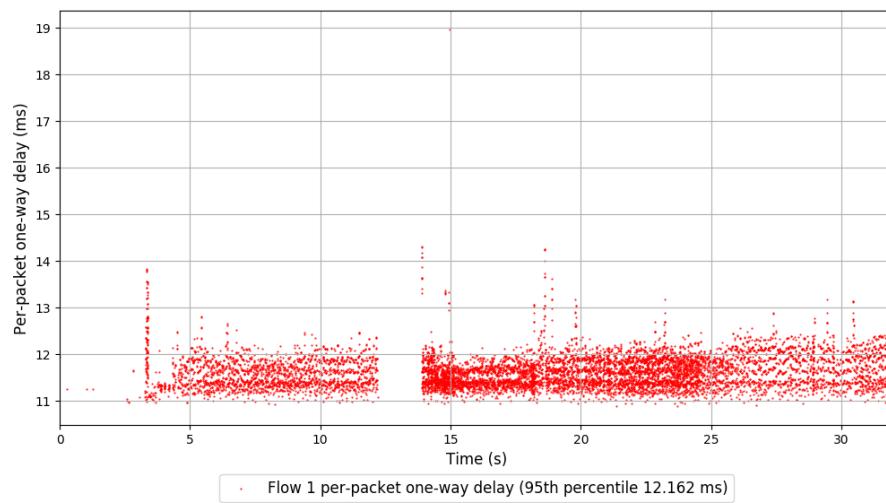
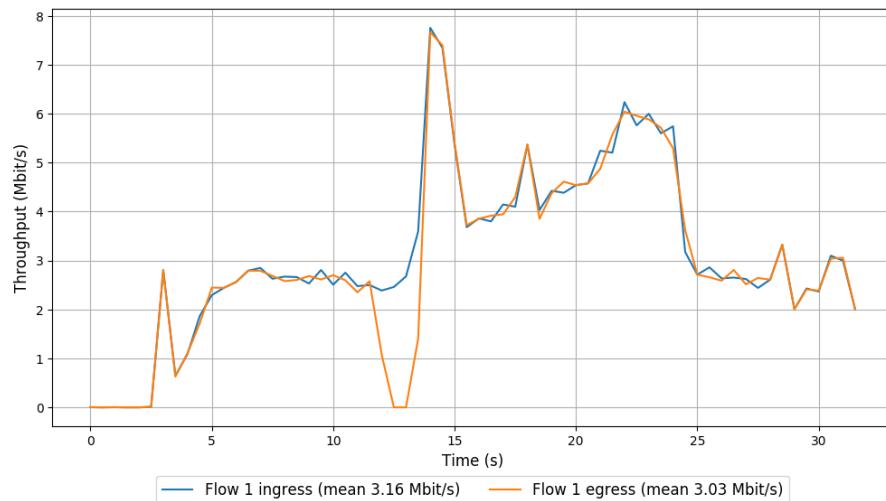


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:36:11 +0000
End at: Wed, 05 Jul 2017 09:36:41 +0000
Local clock offset: 0.02 ms
Remote clock offset: -17.221 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 12.162 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 12.162 ms
Loss rate: 4.32%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:53:53 +0000
End at: Wed, 05 Jul 2017 09:54:23 +0000
Local clock offset: 0.885 ms
Remote clock offset: -16.826 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.198 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

