

Pantheon Summary (Generated at Tue, 20 Jun 2017 05:06:50 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

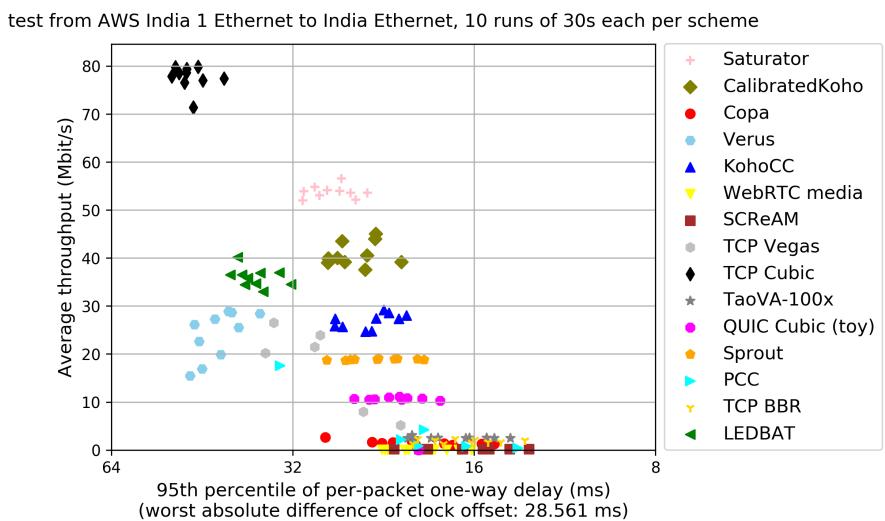
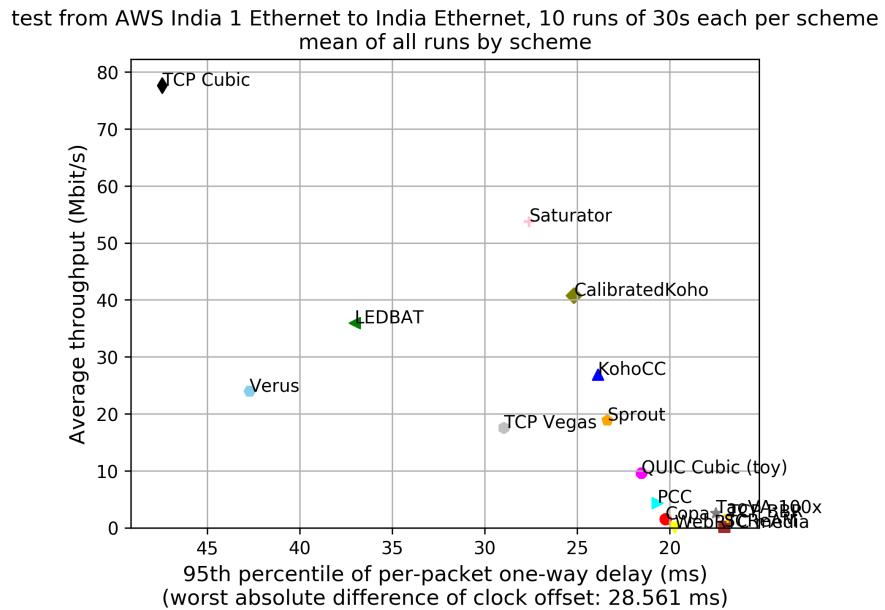
Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

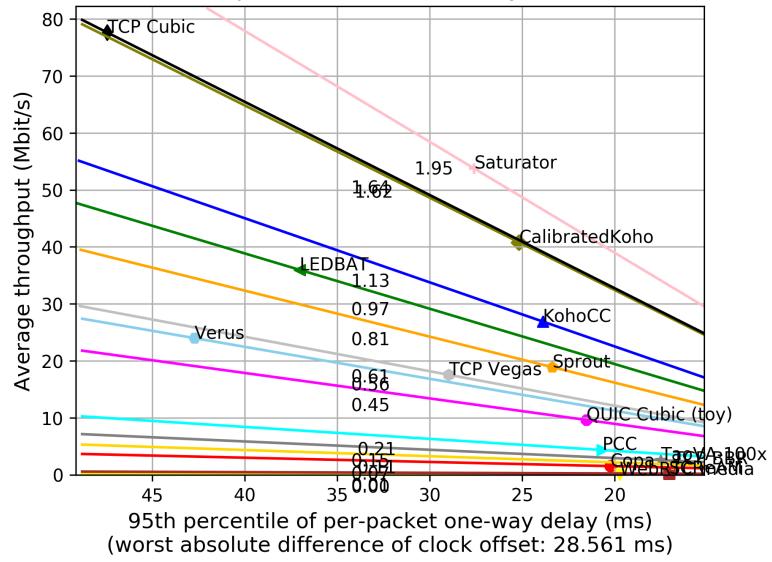
Data path **from** AWS India 1 Ethernet **to** India Ethernet.

NTP offset measured against nets.org.sg.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```



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

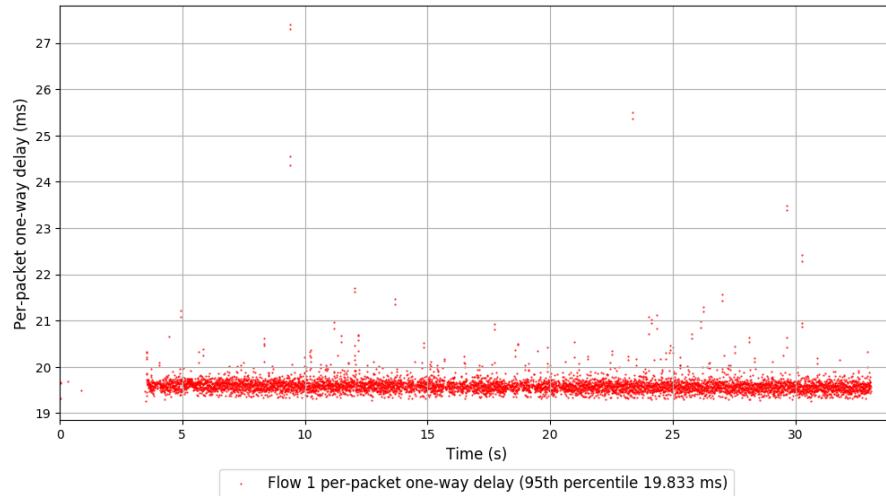
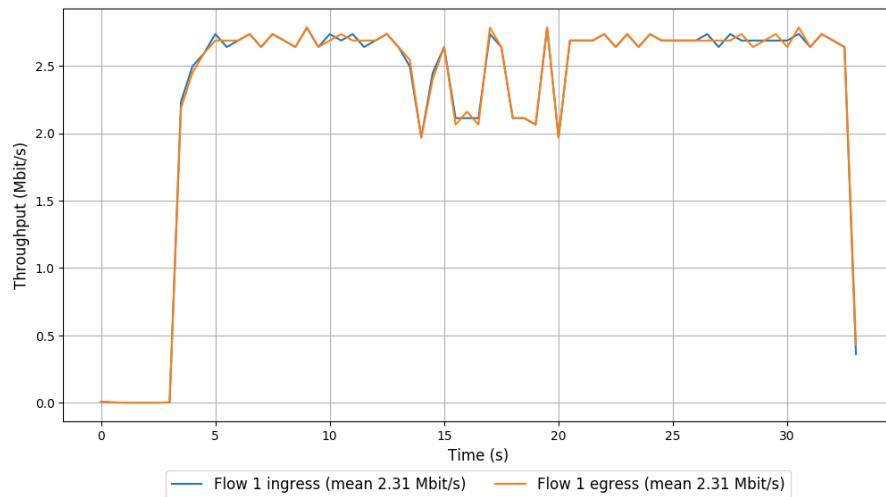


Run 1: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:02:54 +0000
End at: Mon, 19 Jun 2017 21:03:24 +0000
Local clock offset: 7.111 ms
Remote clock offset: -21.175 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:41:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.833 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.833 ms
Loss rate: 0.02%
```

Run 1: Report of TCP BBR — Data Link

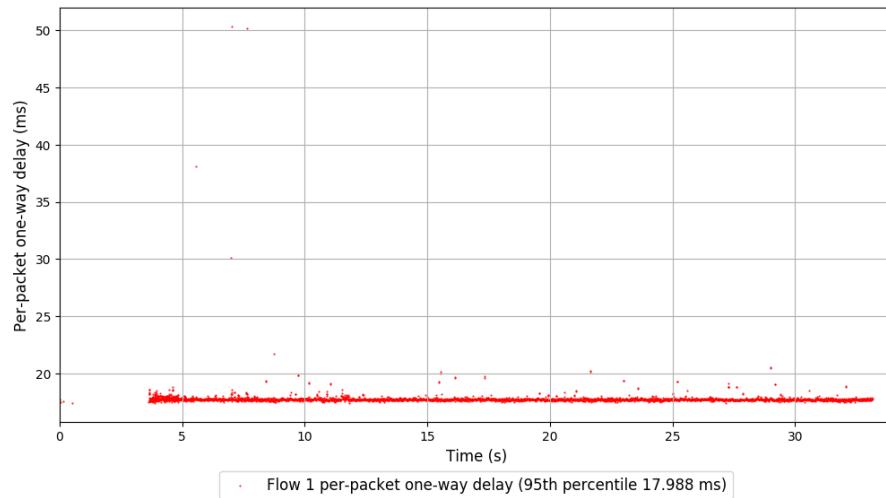
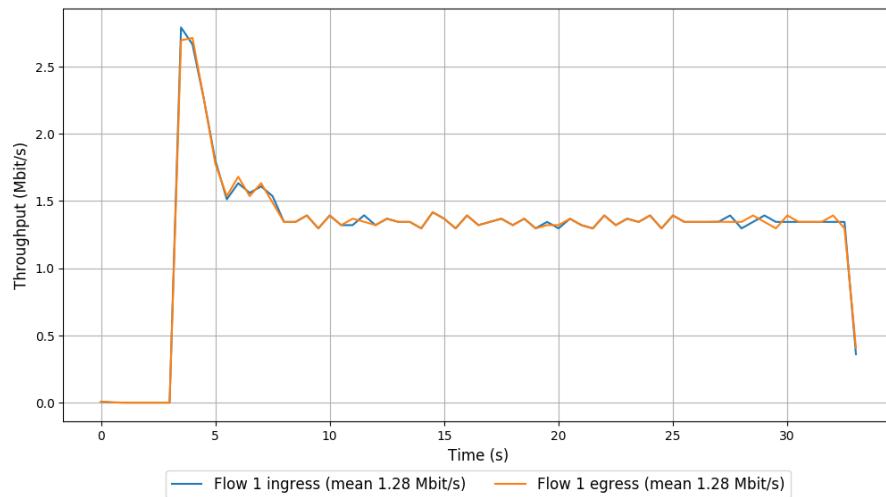


Run 2: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:22:08 +0000
End at: Mon, 19 Jun 2017 21:22:38 +0000
Local clock offset: 3.631 ms
Remote clock offset: -18.942 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:41:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 17.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 17.988 ms
Loss rate: 0.00%
```

Run 2: Report of TCP BBR — Data Link

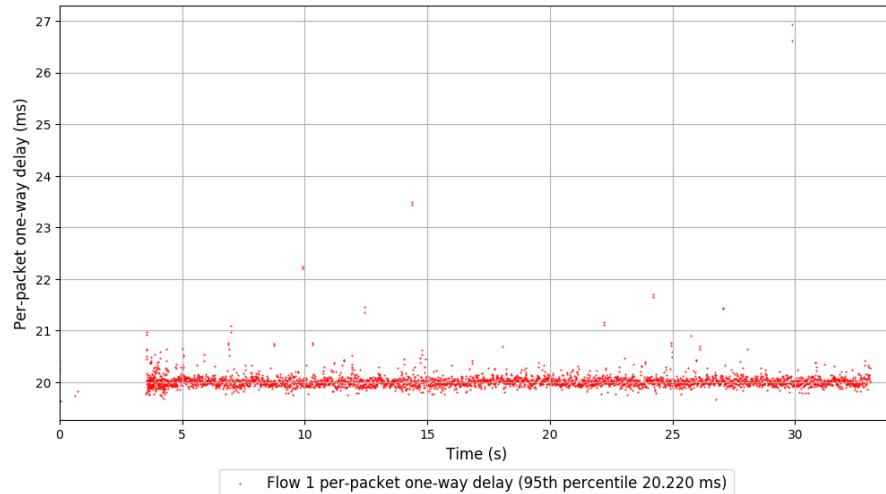
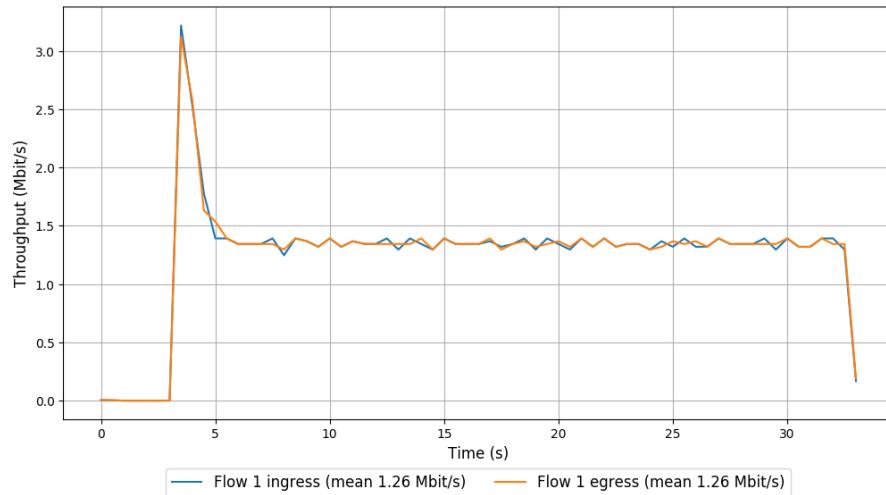


Run 3: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:41:19 +0000
End at: Mon, 19 Jun 2017 21:41:49 +0000
Local clock offset: 6.635 ms
Remote clock offset: -20.065 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:41:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 20.220 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 20.220 ms
Loss rate: 0.03%
```

Run 3: Report of TCP BBR — Data Link

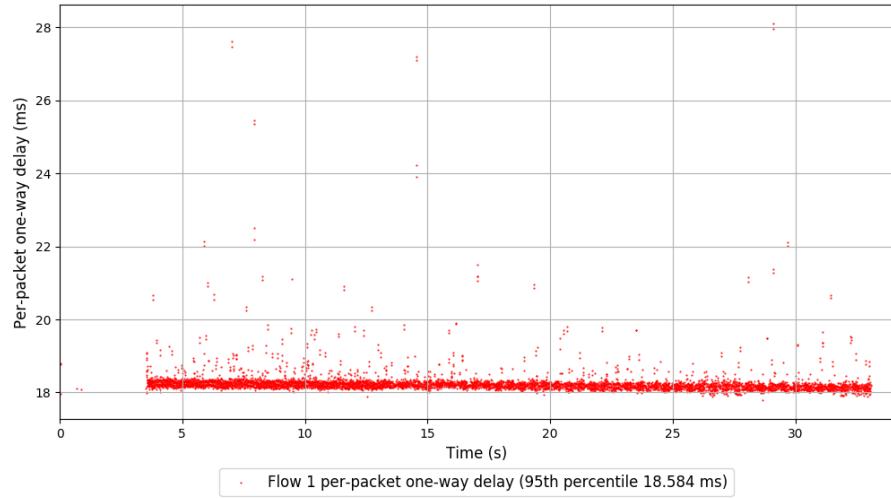
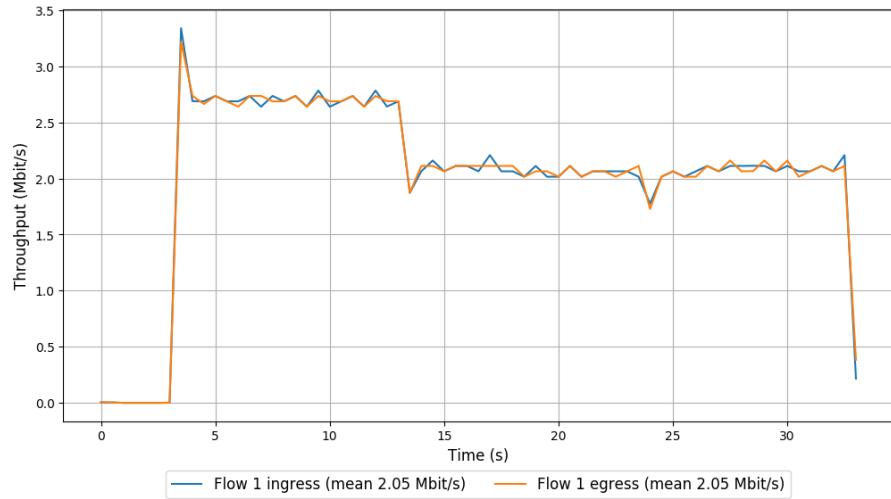


Run 4: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:00:25 +0000
End at: Mon, 19 Jun 2017 22:00:55 +0000
Local clock offset: 2.67 ms
Remote clock offset: -17.898 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:41:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 18.584 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 18.584 ms
Loss rate: 0.02%
```

Run 4: Report of TCP BBR — Data Link

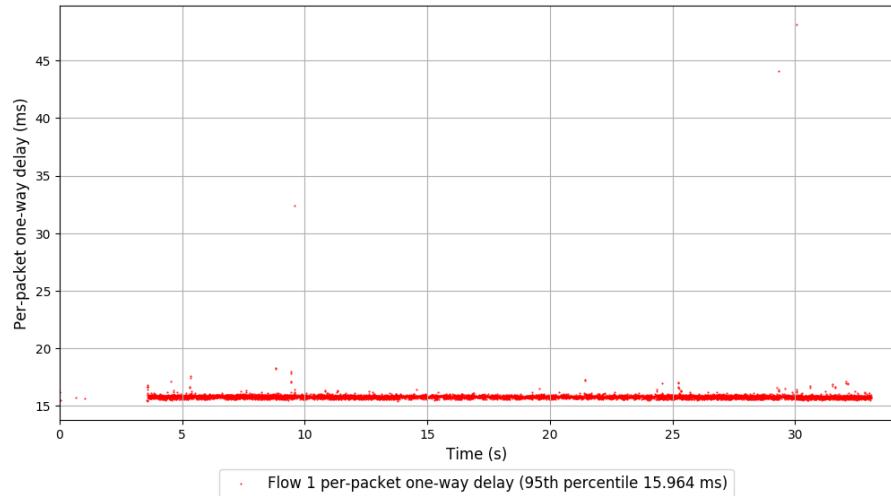
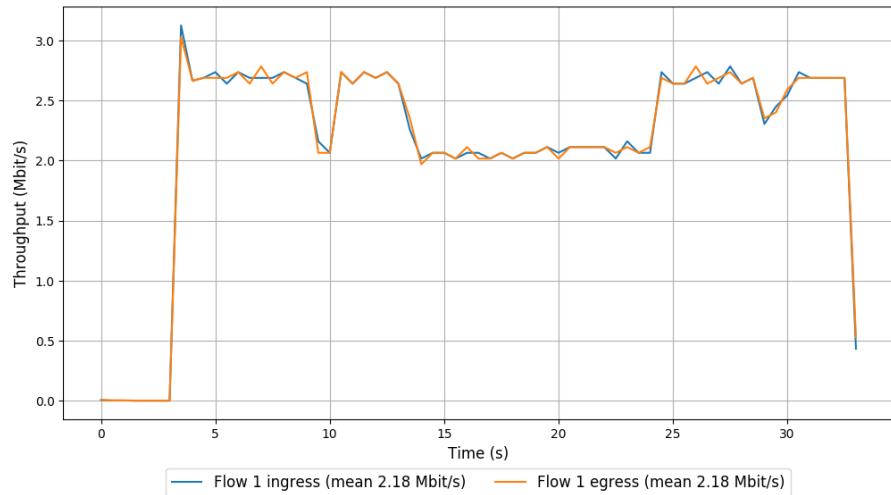


Run 5: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:19:14 +0000
End at: Mon, 19 Jun 2017 22:19:44 +0000
Local clock offset: 0.854 ms
Remote clock offset: -17.222 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 15.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 15.964 ms
Loss rate: 0.00%
```

Run 5: Report of TCP BBR — Data Link

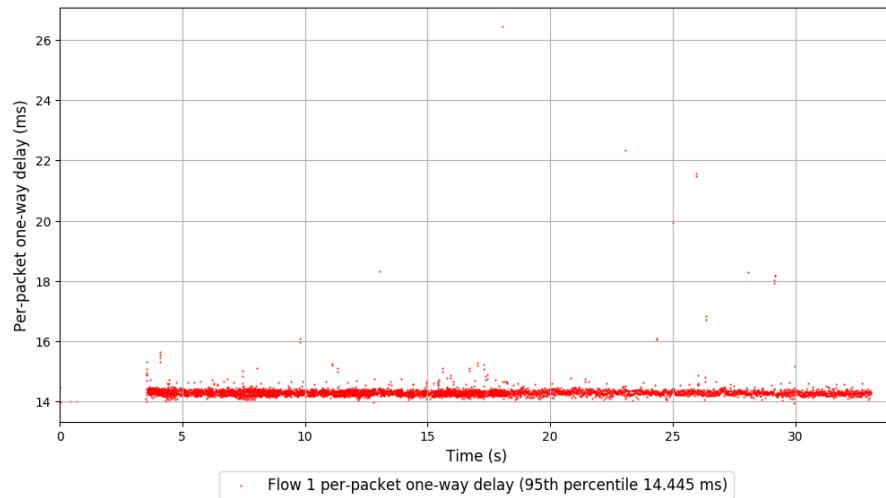
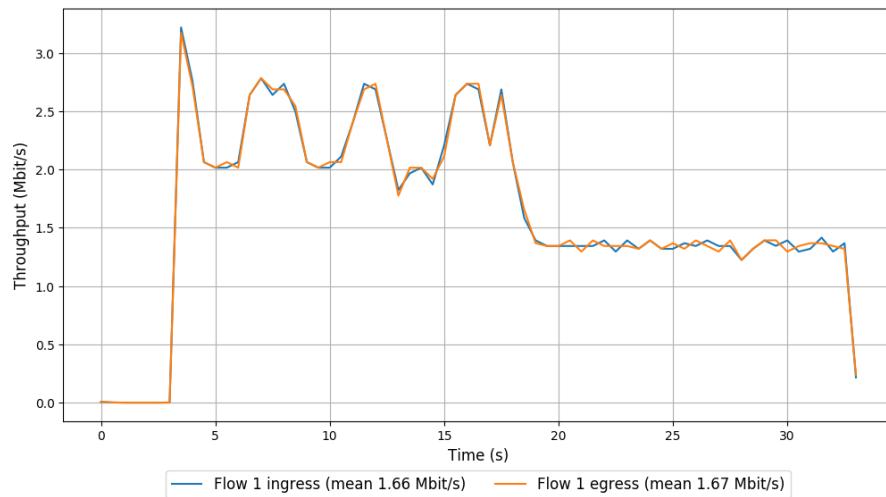


Run 6: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:38:14 +0000
End at: Mon, 19 Jun 2017 22:38:44 +0000
Local clock offset: 3.611 ms
Remote clock offset: -18.225 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 14.445 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 14.445 ms
Loss rate: 0.02%
```

Run 6: Report of TCP BBR — Data Link

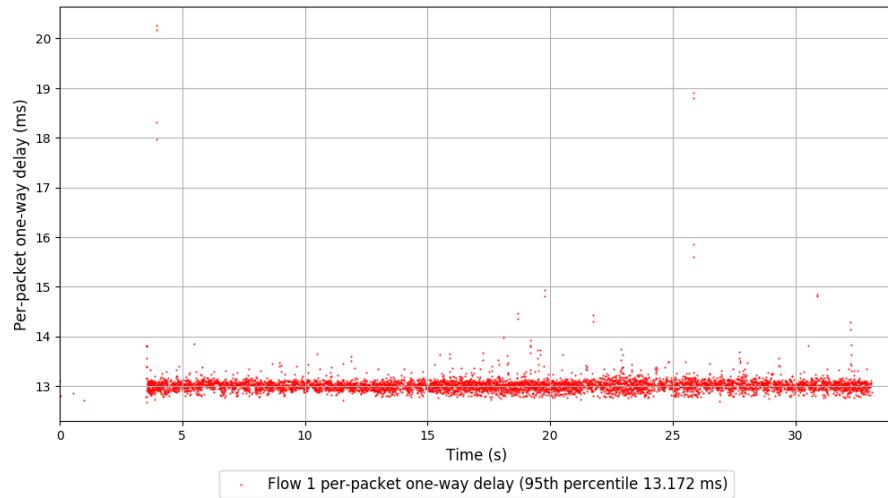
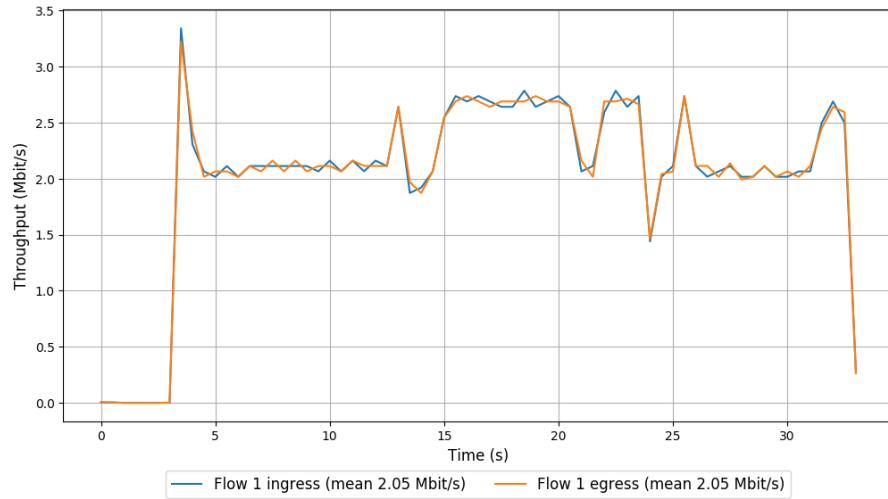


Run 7: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:57:14 +0000
End at: Mon, 19 Jun 2017 22:57:44 +0000
Local clock offset: -0.293 ms
Remote clock offset: -17.11 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 13.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 13.172 ms
Loss rate: 0.00%
```

Run 7: Report of TCP BBR — Data Link

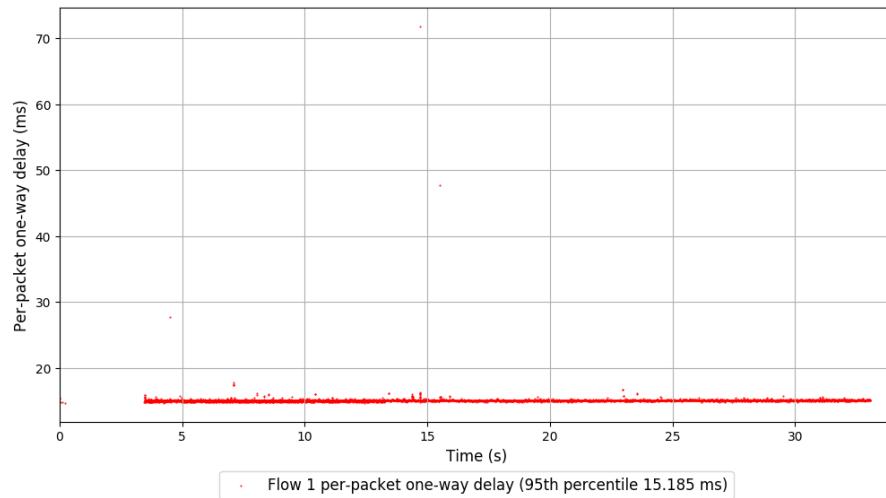
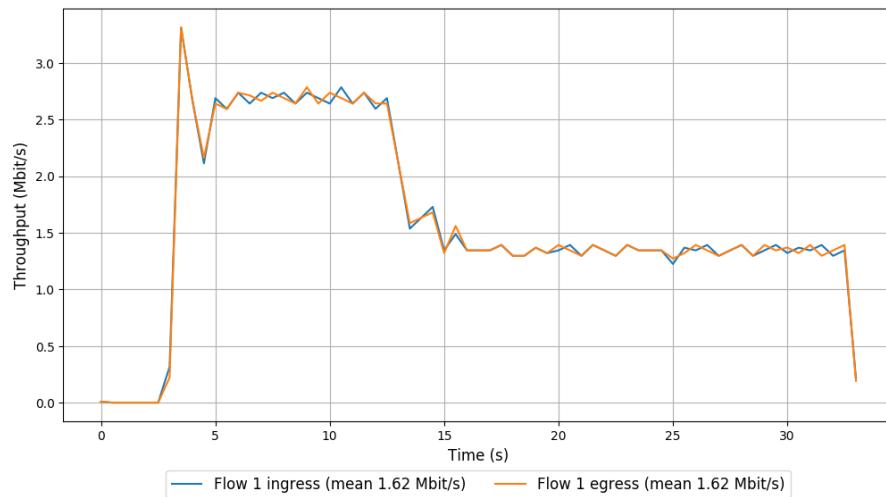


Run 8: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:16:20 +0000
End at: Mon, 19 Jun 2017 23:16:50 +0000
Local clock offset: 3.781 ms
Remote clock offset: -16.425 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 15.185 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 15.185 ms
Loss rate: 0.02%
```

Run 8: Report of TCP BBR — Data Link

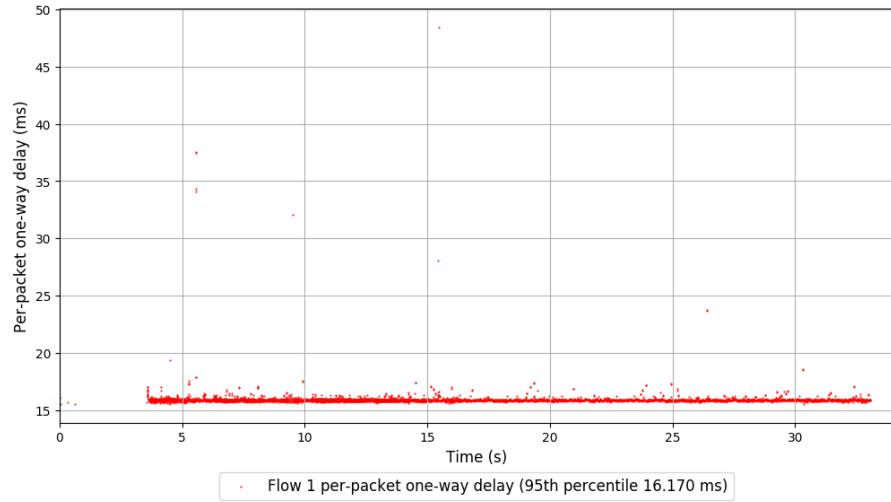
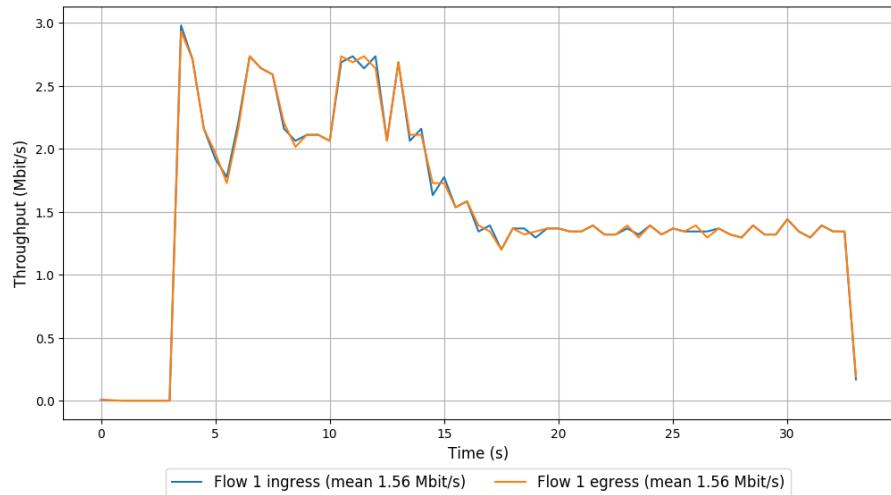


Run 9: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:35:26 +0000
End at: Mon, 19 Jun 2017 23:35:56 +0000
Local clock offset: 3.91 ms
Remote clock offset: -17.104 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 16.170 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 16.170 ms
Loss rate: 0.02%
```

Run 9: Report of TCP BBR — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:54:28 +0000
```

```
End at: Mon, 19 Jun 2017 23:54:58 +0000
```

```
Local clock offset: 8.49 ms
```

```
Remote clock offset: -17.957 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:28 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.206 ms
```

```
Loss rate: 0.02%
```

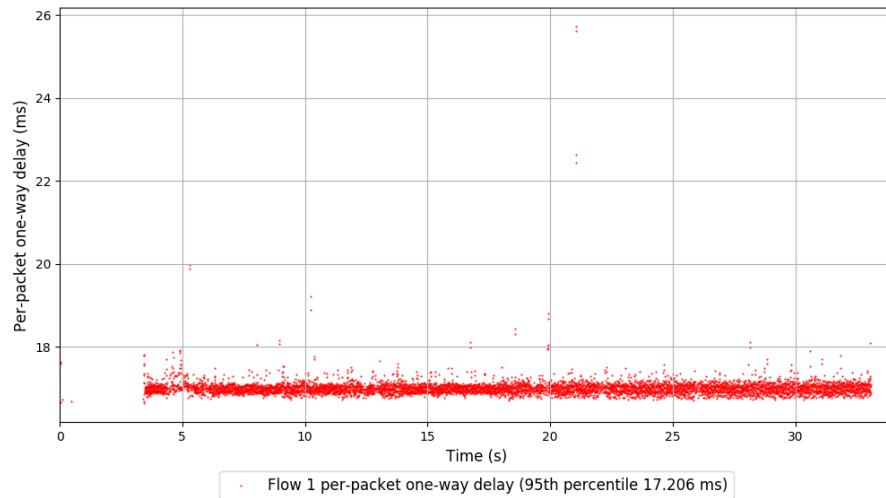
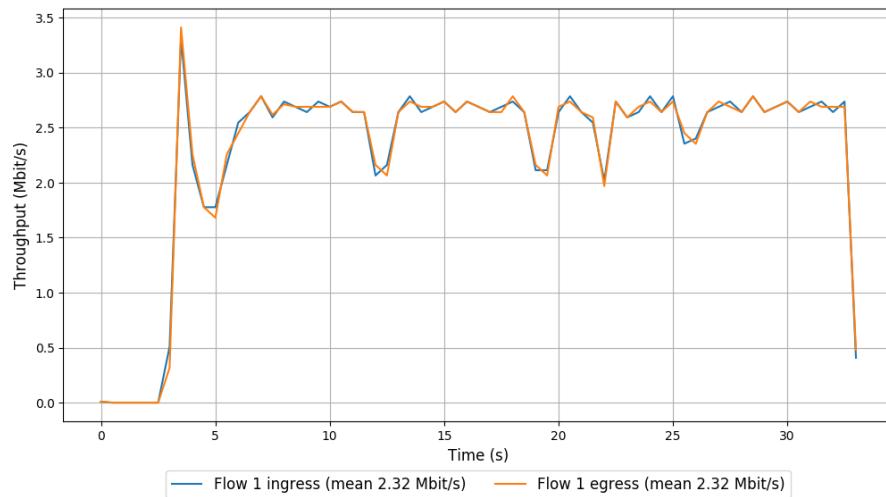
```
-- Flow 1:
```

```
Average throughput: 2.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.206 ms
```

```
Loss rate: 0.02%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Mon, 19 Jun 2017 20:59:56 +0000
```

```
End at: Mon, 19 Jun 2017 21:00:26 +0000
```

```
Local clock offset: 6.896 ms
```

```
Remote clock offset: -19.541 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:51 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 39.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.968 ms
```

```
Loss rate: 0.00%
```

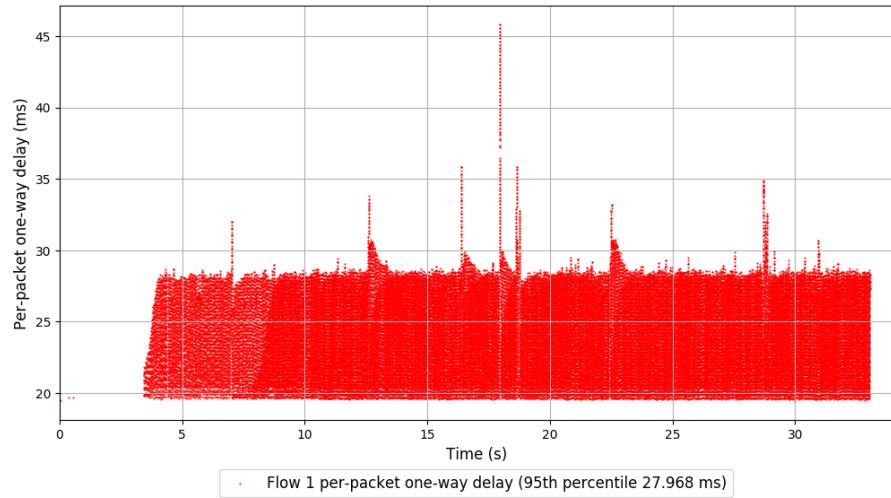
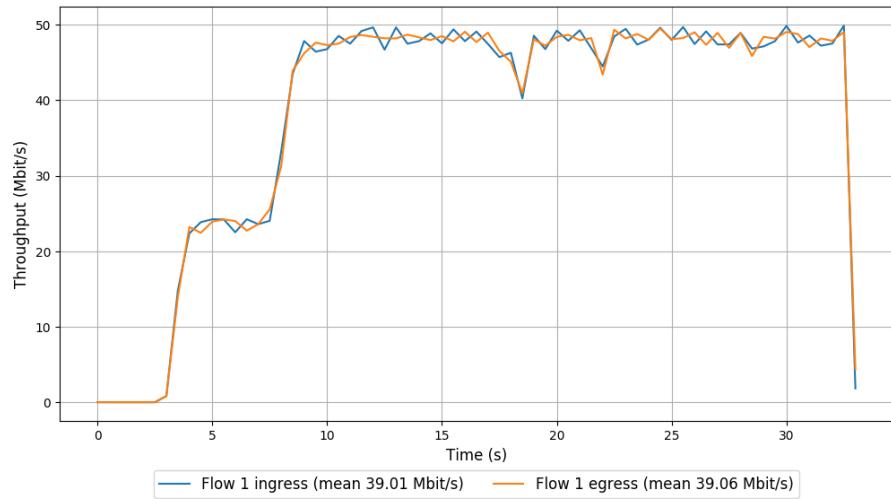
```
-- Flow 1:
```

```
Average throughput: 39.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.968 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:19:00 +0000
```

```
End at: Mon, 19 Jun 2017 21:19:30 +0000
```

```
Local clock offset: 3.595 ms
```

```
Remote clock offset: -18.763 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:42:57 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 39.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.233 ms
```

```
Loss rate: 0.07%
```

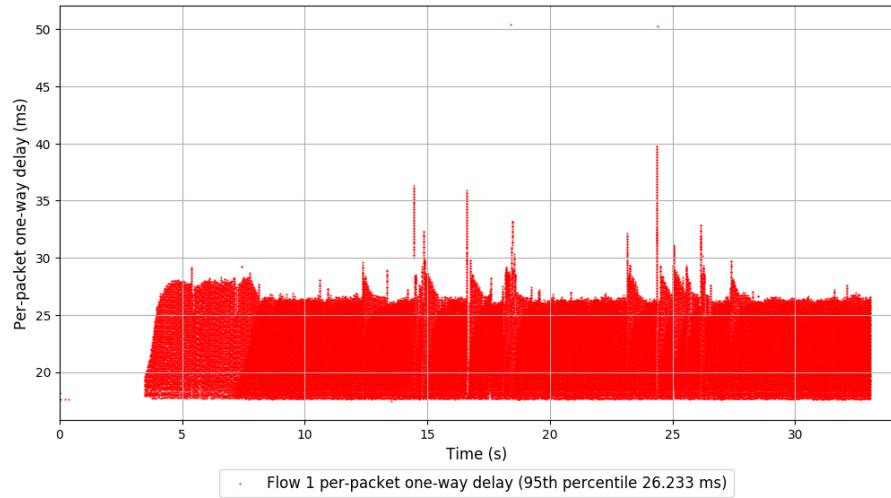
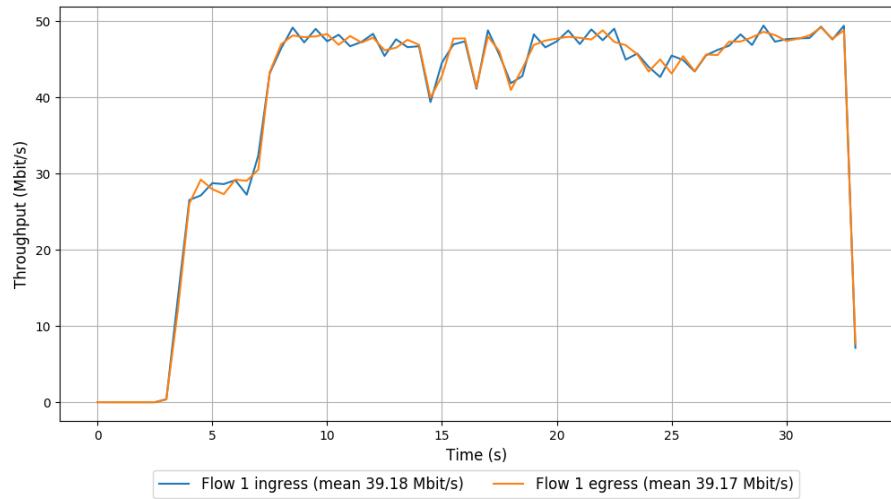
```
-- Flow 1:
```

```
Average throughput: 39.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.233 ms
```

```
Loss rate: 0.07%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:38:17 +0000
```

```
End at: Mon, 19 Jun 2017 21:38:47 +0000
```

```
Local clock offset: 3.989 ms
```

```
Remote clock offset: -24.027 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:43:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 39.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.950 ms
```

```
Loss rate: 0.07%
```

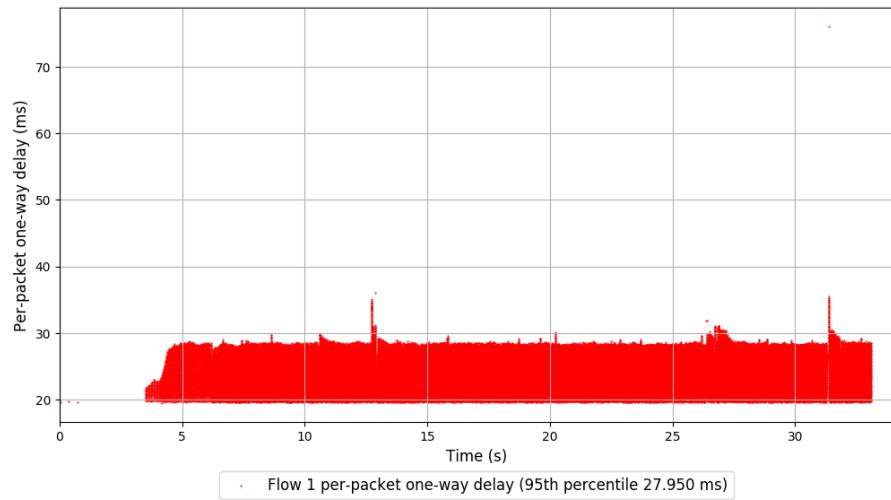
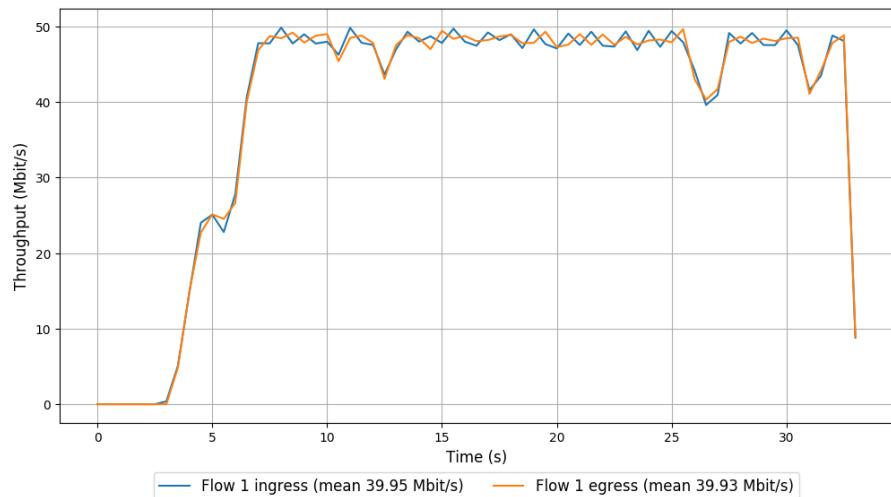
```
-- Flow 1:
```

```
Average throughput: 39.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.950 ms
```

```
Loss rate: 0.07%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:57:21 +0000
```

```
End at: Mon, 19 Jun 2017 21:57:51 +0000
```

```
Local clock offset: 6.8 ms
```

```
Remote clock offset: -19.681 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:43:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 40.03 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.996 ms
```

```
Loss rate: 0.00%
```

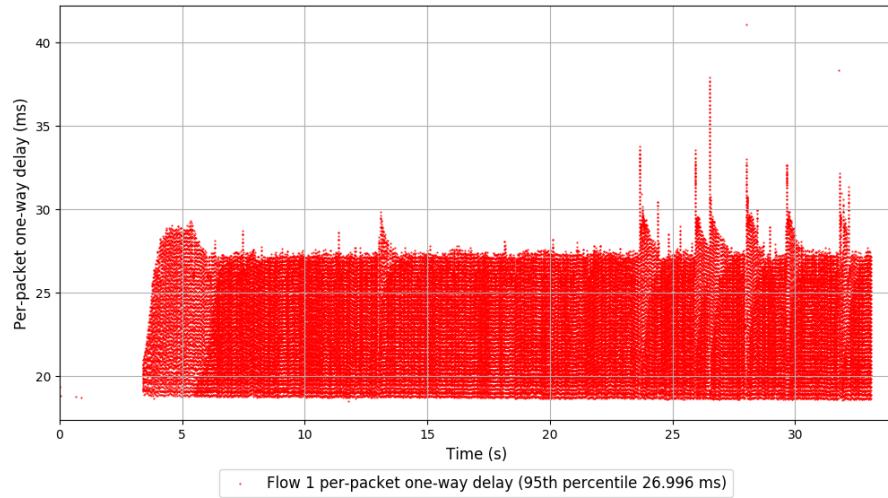
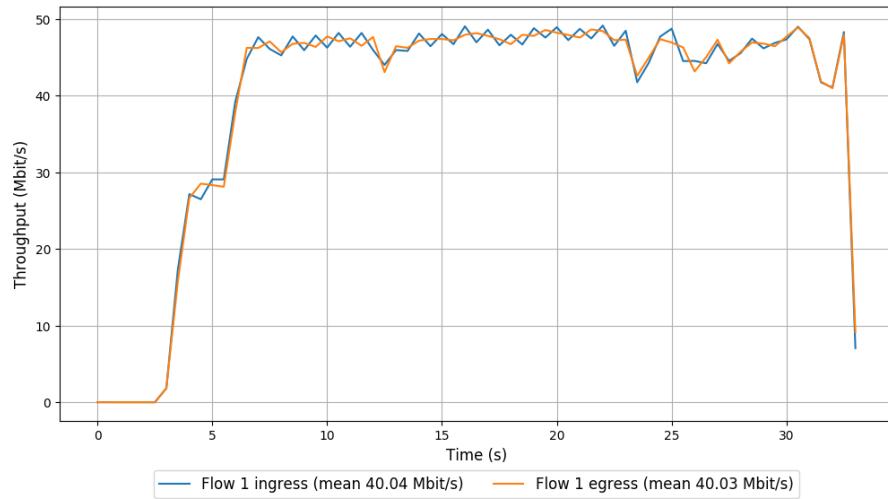
```
-- Flow 1:
```

```
Average throughput: 40.03 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.996 ms
```

```
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 22:16:13 +0000
```

```
End at: Mon, 19 Jun 2017 22:16:43 +0000
```

```
Local clock offset: 5.678 ms
```

```
Remote clock offset: -19.047 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:43:47 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 37.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.260 ms
```

```
Loss rate: 0.00%
```

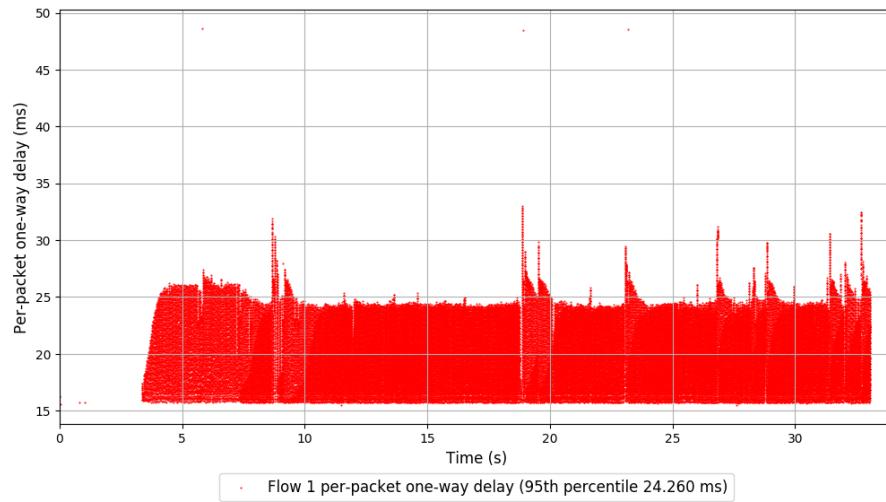
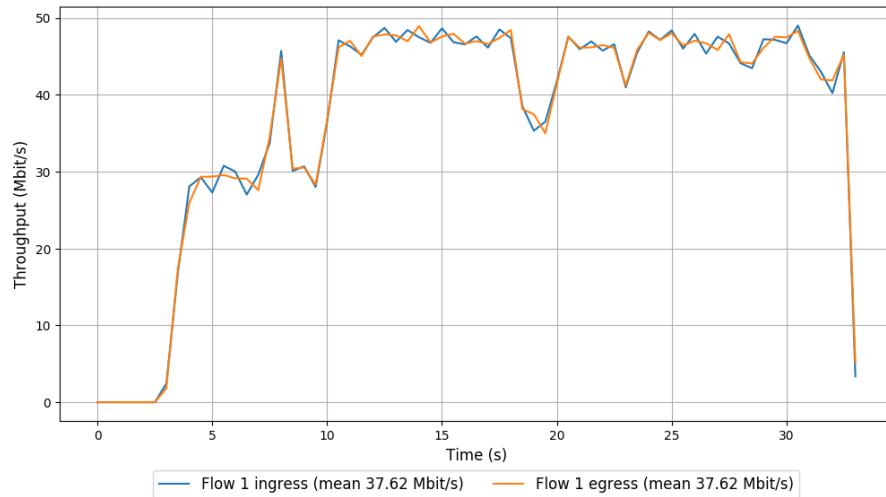
```
-- Flow 1:
```

```
Average throughput: 37.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.260 ms
```

```
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 22:35:13 +0000
```

```
End at: Mon, 19 Jun 2017 22:35:43 +0000
```

```
Local clock offset: 1.451 ms
```

```
Remote clock offset: -17.384 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:43:54 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 44.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.377 ms
```

```
Loss rate: 0.00%
```

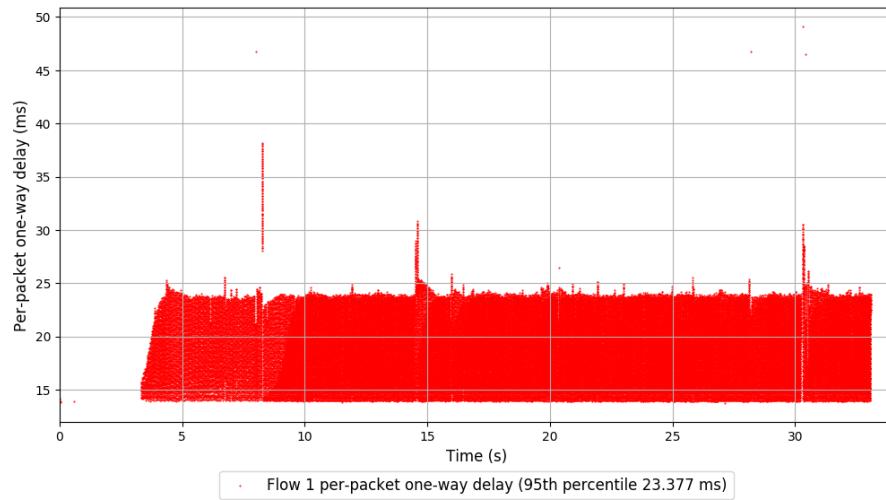
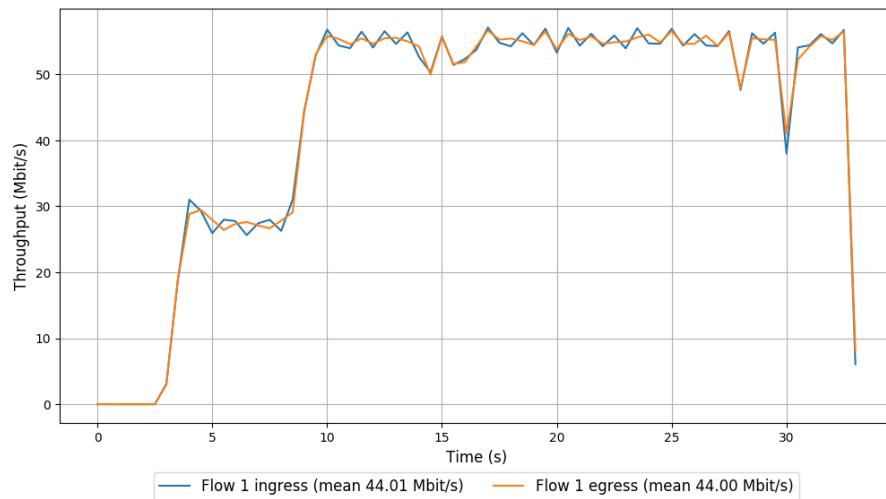
```
-- Flow 1:
```

```
Average throughput: 44.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.377 ms
```

```
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Mon, 19 Jun 2017 22:54:12 +0000

End at: Mon, 19 Jun 2017 22:54:43 +0000

Local clock offset: 1.541 ms

Remote clock offset: -17.643 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:44:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.15 Mbit/s

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

Loss rate: 0.00%

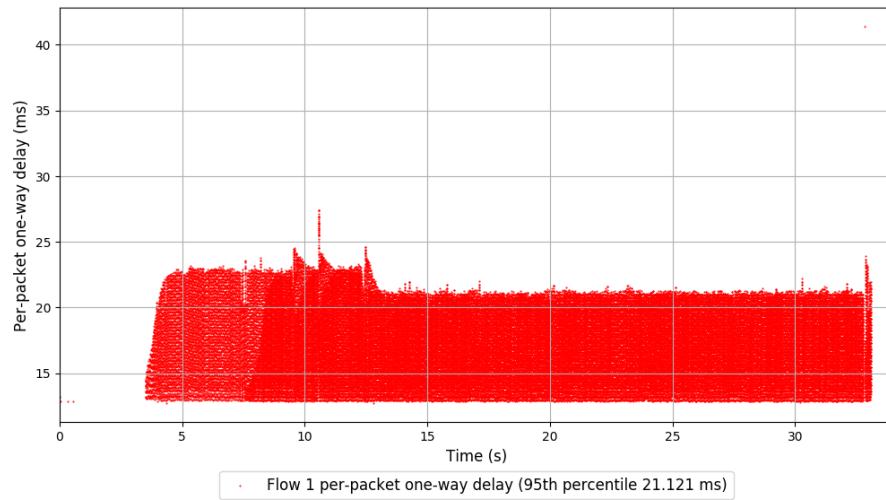
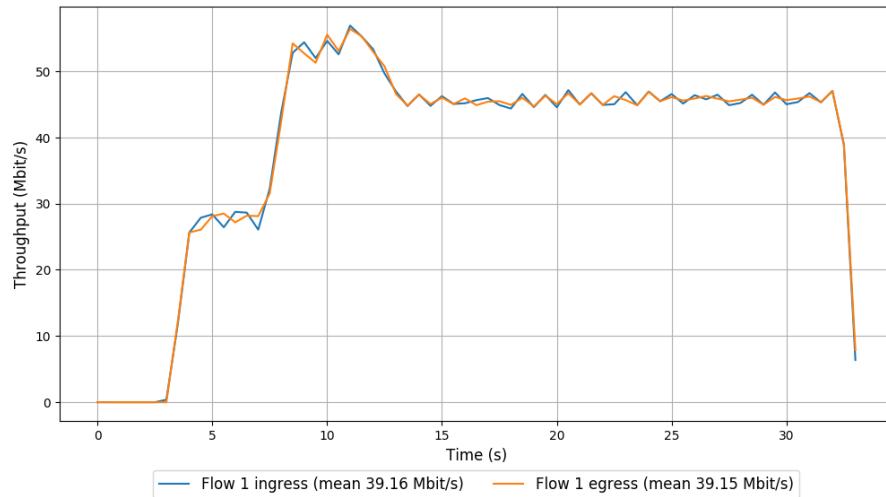
-- Flow 1:

Average throughput: 39.15 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:13:18 +0000
```

```
End at: Mon, 19 Jun 2017 23:13:48 +0000
```

```
Local clock offset: 4.706 ms
```

```
Remote clock offset: -17.518 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:44:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 45.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.304 ms
```

```
Loss rate: 0.00%
```

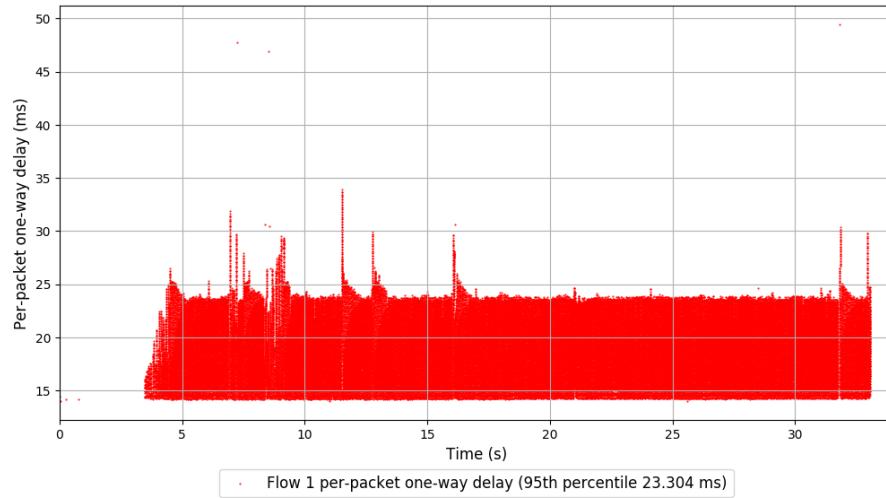
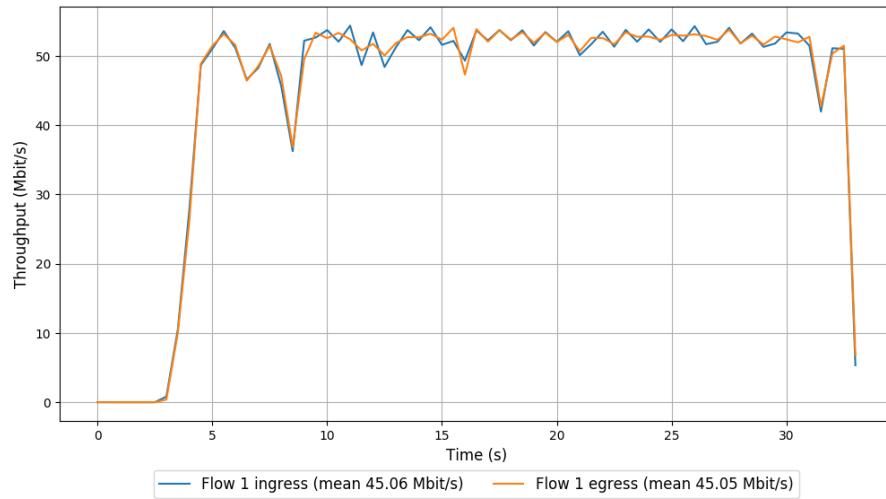
```
-- Flow 1:
```

```
Average throughput: 45.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.304 ms
```

```
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:32:24 +0000
```

```
End at: Mon, 19 Jun 2017 23:32:54 +0000
```

```
Local clock offset: 4.863 ms
```

```
Remote clock offset: -17.267 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:44:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 40.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.115 ms
```

```
Loss rate: 0.04%
```

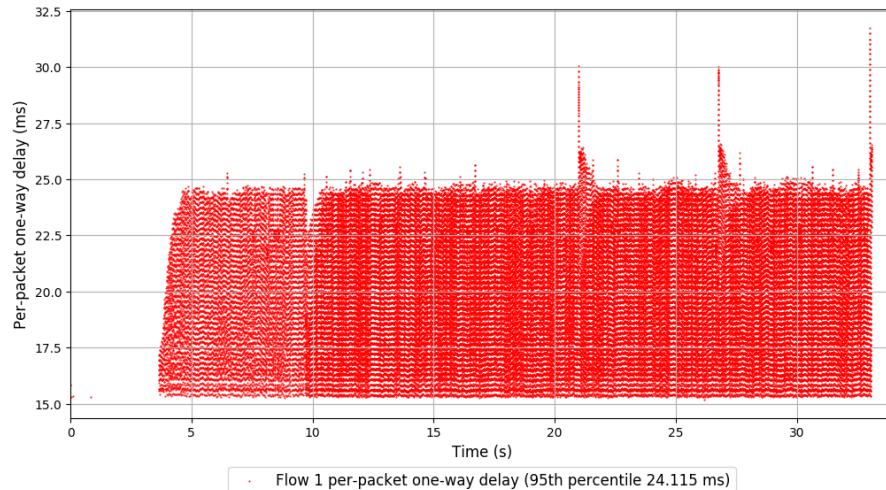
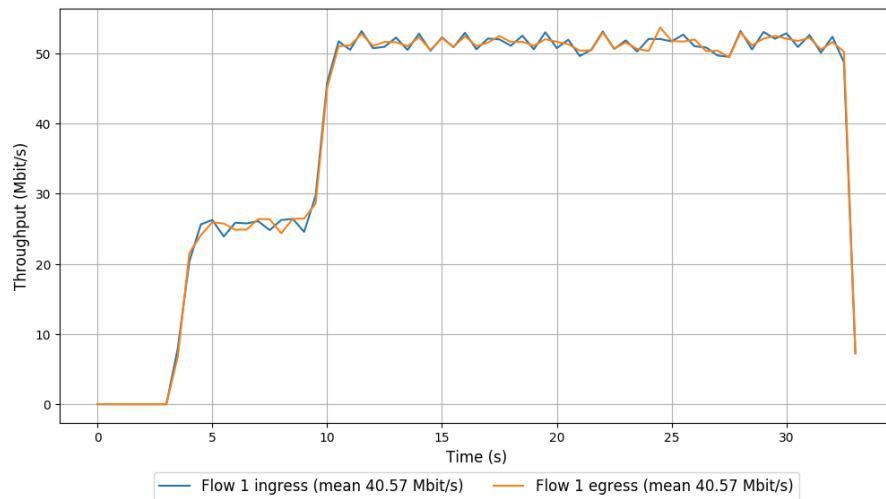
```
-- Flow 1:
```

```
Average throughput: 40.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.115 ms
```

```
Loss rate: 0.04%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:51:26 +0000
```

```
End at: Mon, 19 Jun 2017 23:51:56 +0000
```

```
Local clock offset: 6.5 ms
```

```
Remote clock offset: -17.822 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 43.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.495 ms
```

```
Loss rate: 0.00%
```

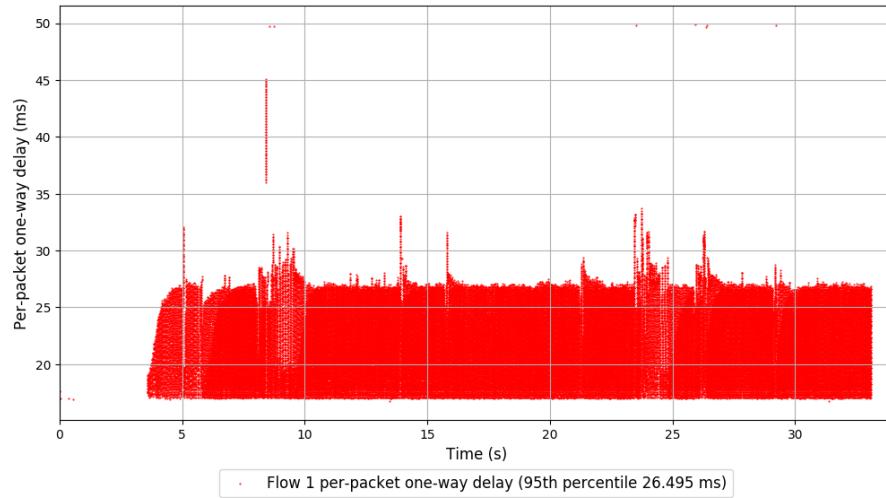
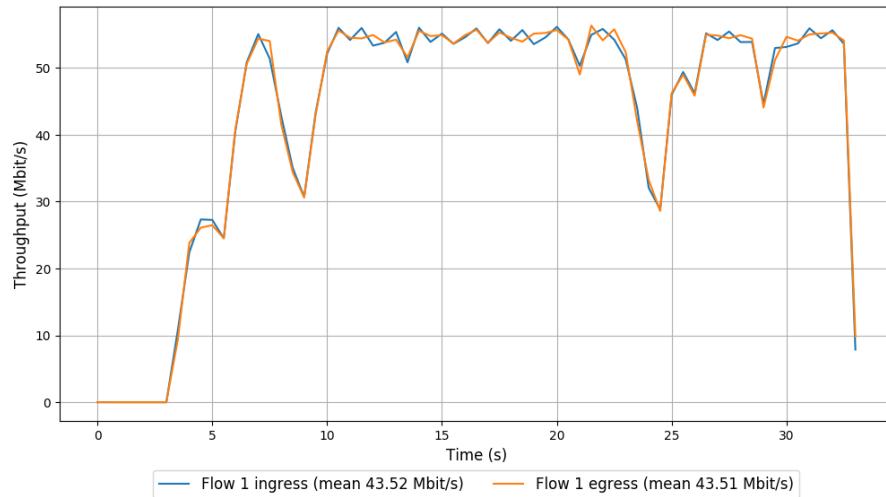
```
-- Flow 1:
```

```
Average throughput: 43.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.495 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

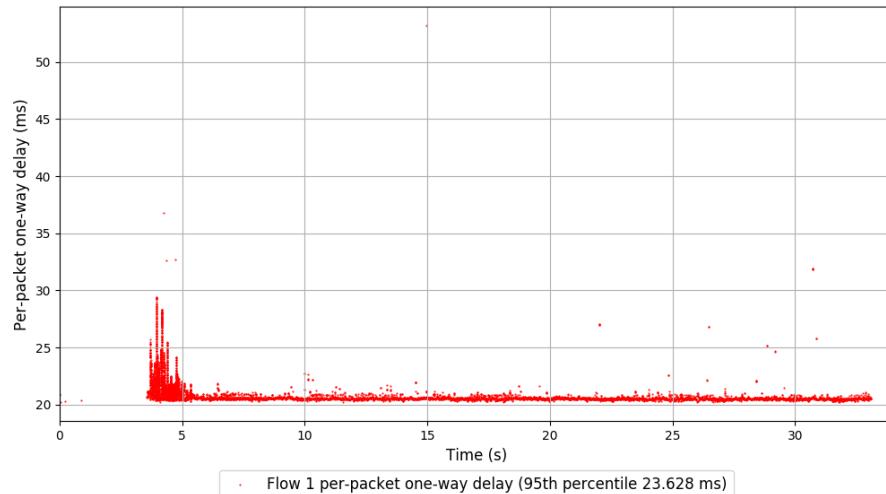
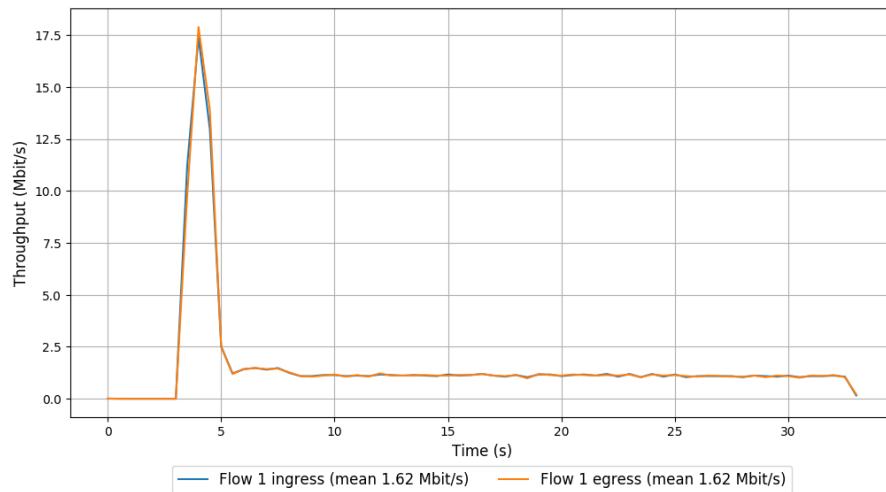


Run 1: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 20:56:34 +0000
End at: Mon, 19 Jun 2017 20:57:04 +0000
Local clock offset: 5.073 ms
Remote clock offset: -19.911 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 23.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 23.628 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

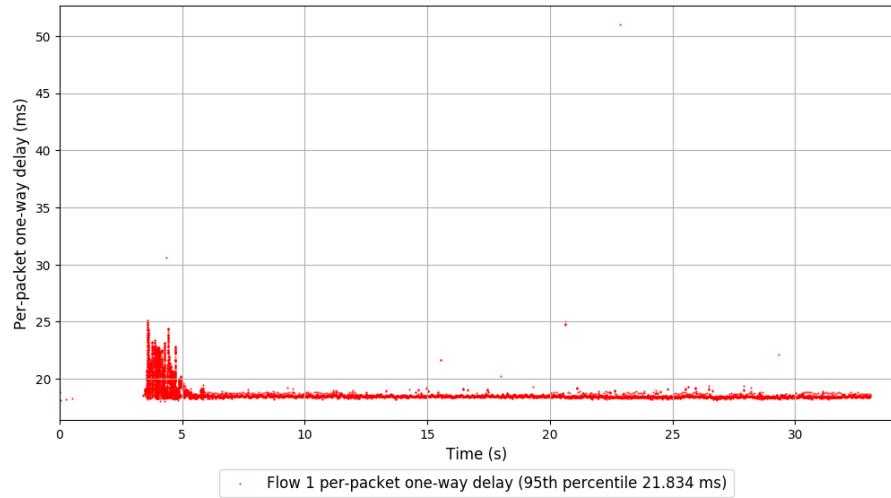
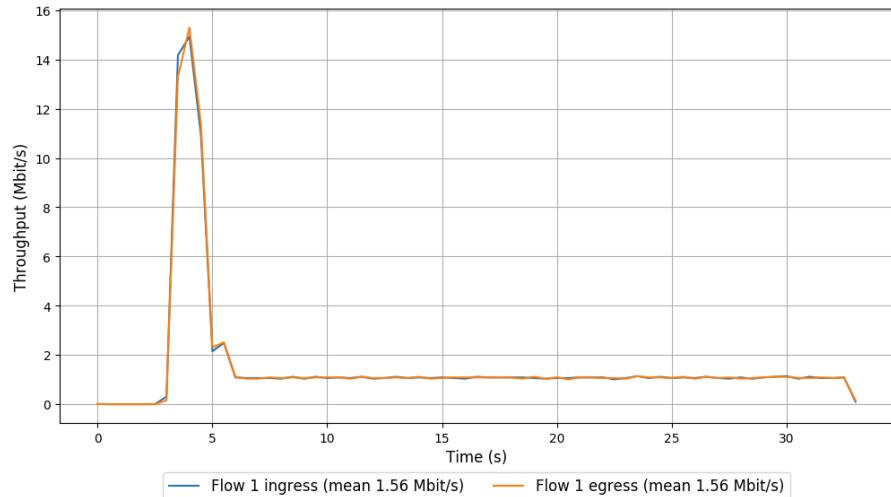


Run 2: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:15:38 +0000
End at: Mon, 19 Jun 2017 21:16:08 +0000
Local clock offset: 1.378 ms
Remote clock offset: -19.84 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 21.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 21.834 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

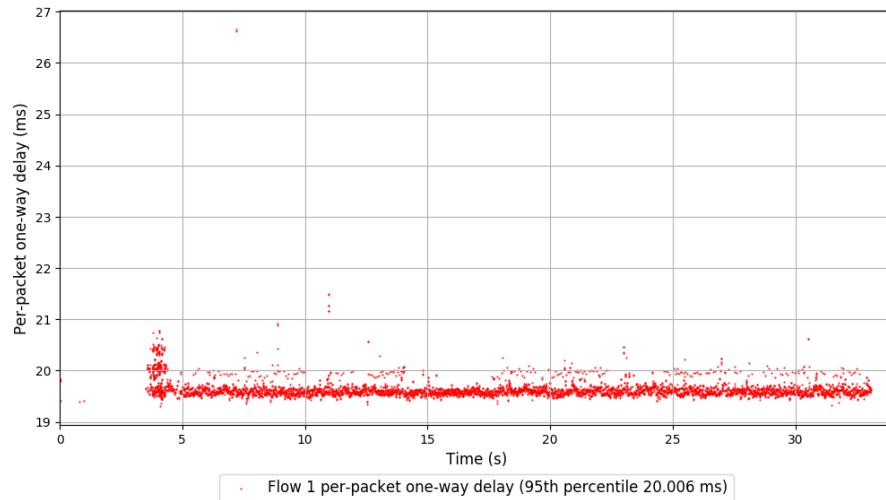
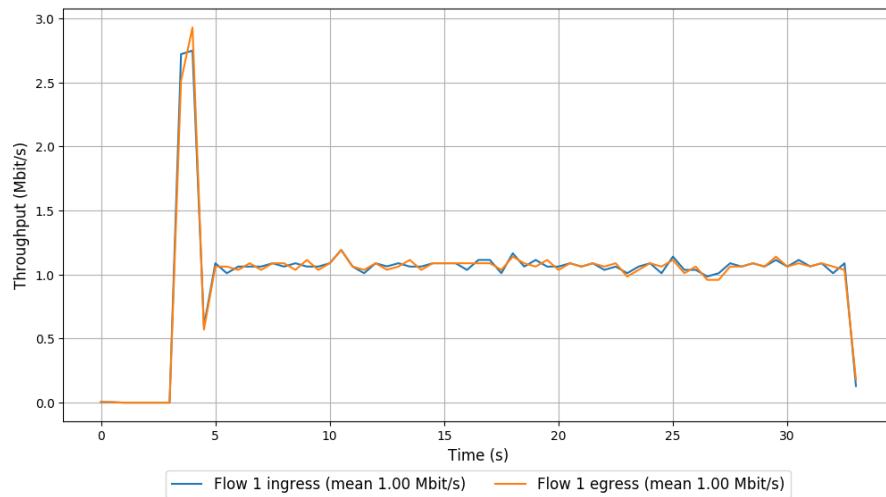


Run 3: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:34:56 +0000
End at: Mon, 19 Jun 2017 21:35:26 +0000
Local clock offset: 7.197 ms
Remote clock offset: -18.895 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 20.006 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 20.006 ms
Loss rate: 0.12%
```

Run 3: Report of Copa — Data Link

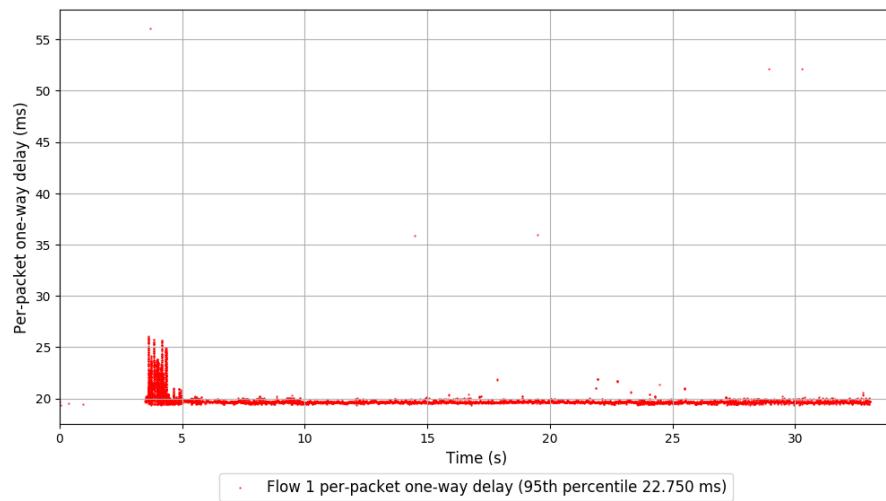
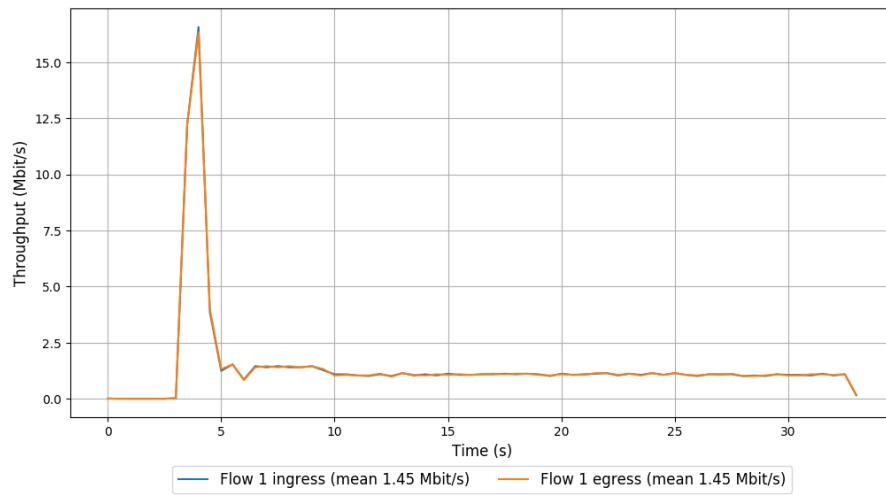


Run 4: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:53:59 +0000
End at: Mon, 19 Jun 2017 21:54:30 +0000
Local clock offset: 5.925 ms
Remote clock offset: -17.768 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 22.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 22.750 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

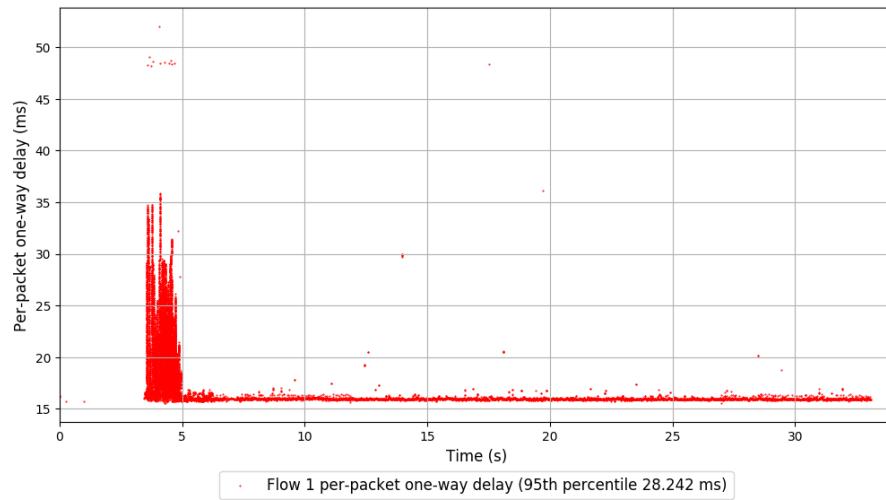
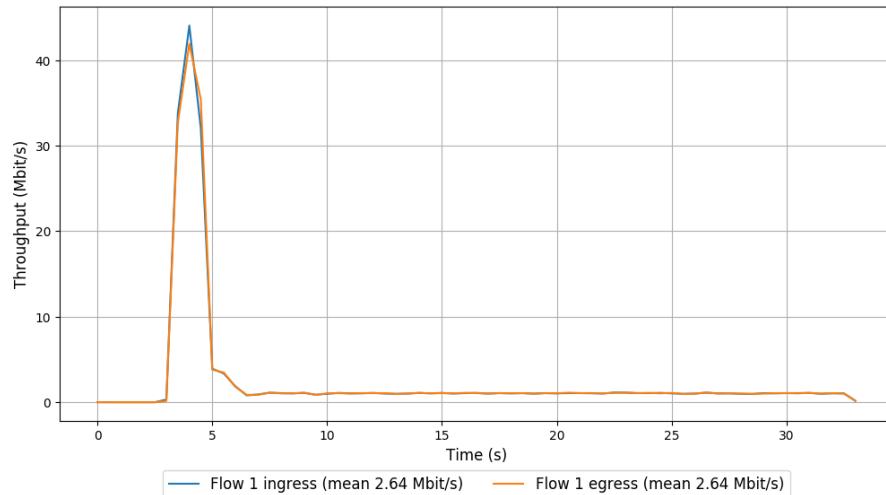


Run 5: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:12:50 +0000
End at: Mon, 19 Jun 2017 22:13:20 +0000
Local clock offset: 1.221 ms
Remote clock offset: -17.277 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 28.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 28.242 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

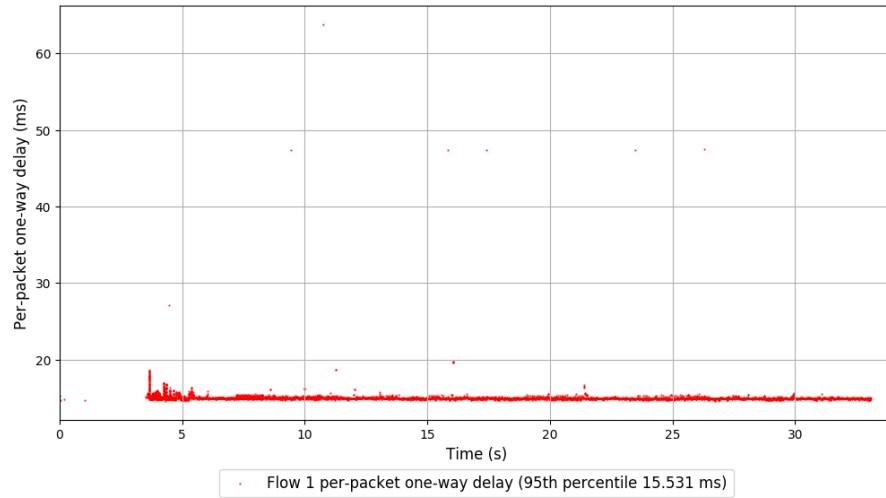
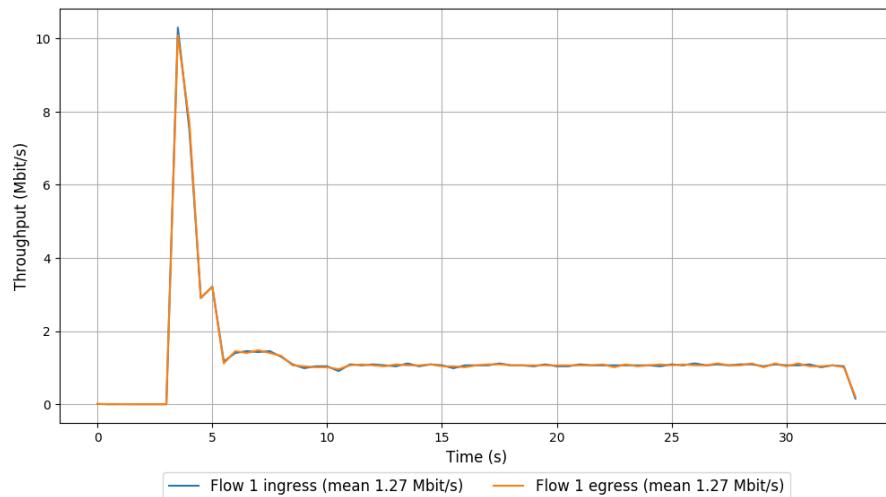


Run 6: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:31:52 +0000
End at: Mon, 19 Jun 2017 22:32:22 +0000
Local clock offset: 4.481 ms
Remote clock offset: -19.225 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 15.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 15.531 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

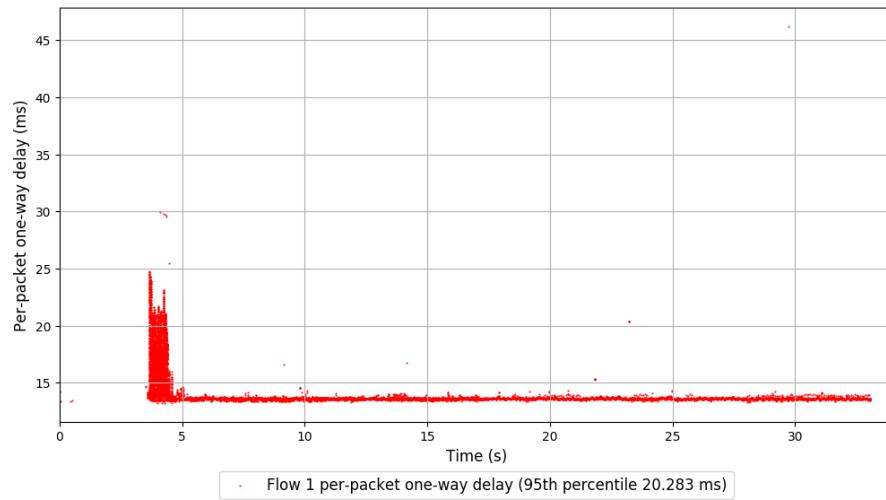
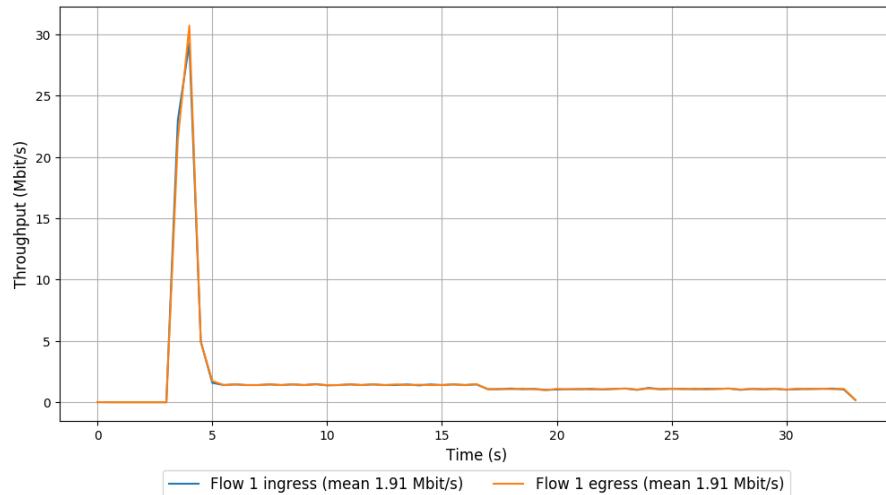


Run 7: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:50:51 +0000
End at: Mon, 19 Jun 2017 22:51:21 +0000
Local clock offset: 2.001 ms
Remote clock offset: -16.967 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 20.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 20.283 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

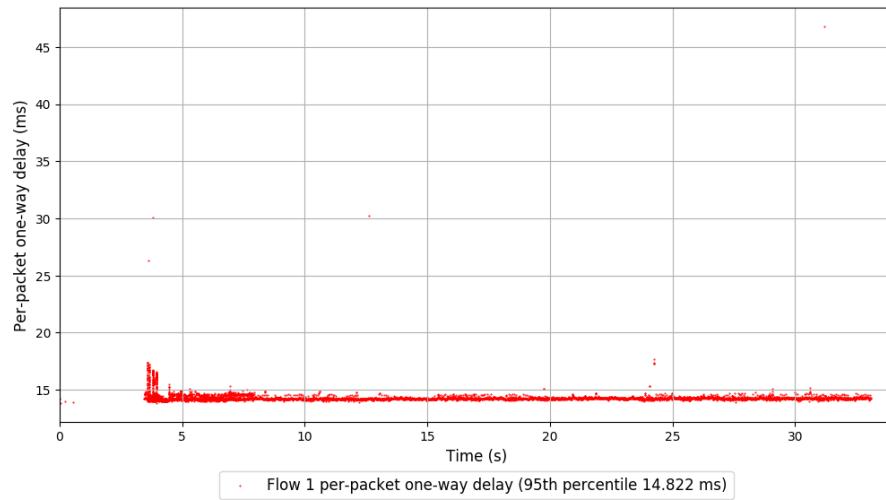
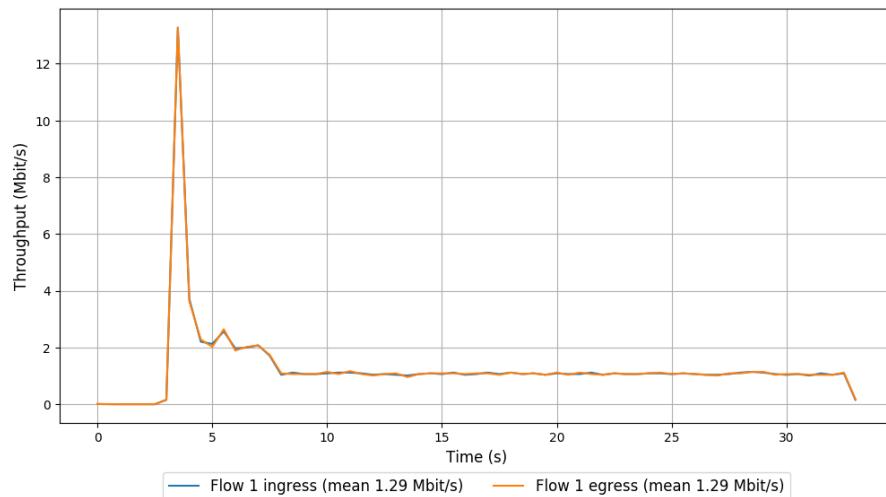


Run 8: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:09:57 +0000
End at: Mon, 19 Jun 2017 23:10:27 +0000
Local clock offset: 2.0 ms
Remote clock offset: -17.229 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 14.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 14.822 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

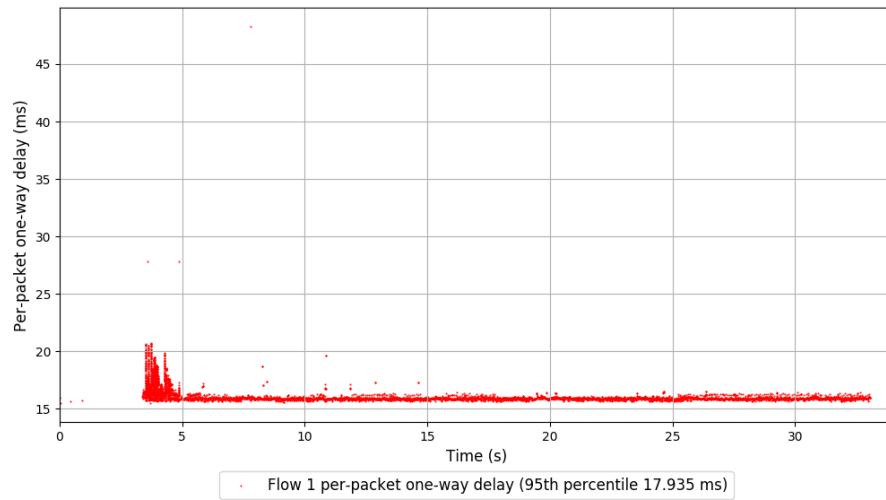
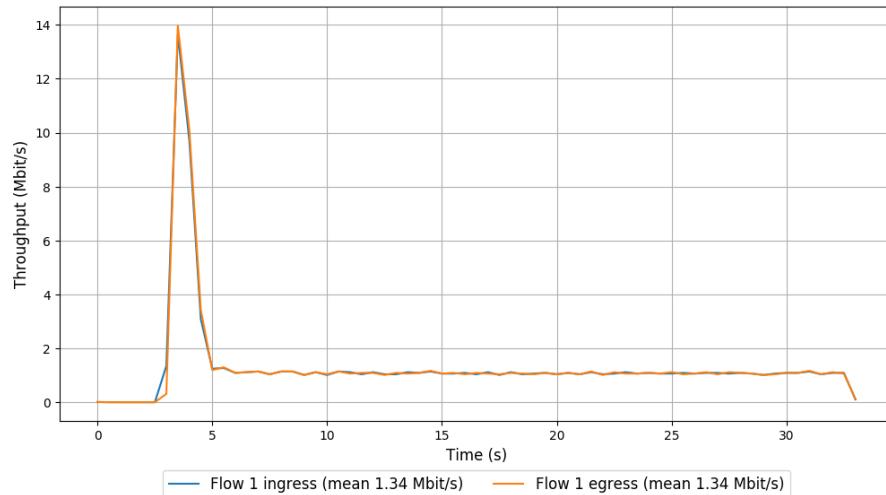


Run 9: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:29:02 +0000
End at: Mon, 19 Jun 2017 23:29:32 +0000
Local clock offset: 5.734 ms
Remote clock offset: -17.082 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 17.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 17.935 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

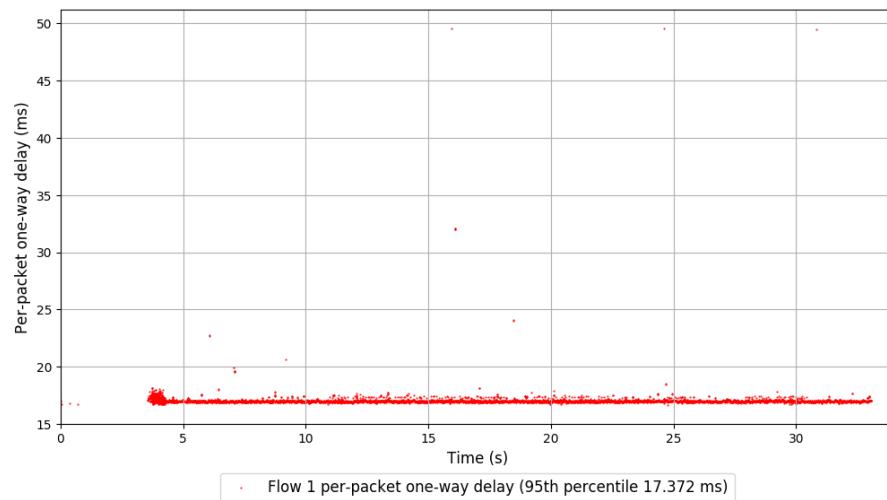
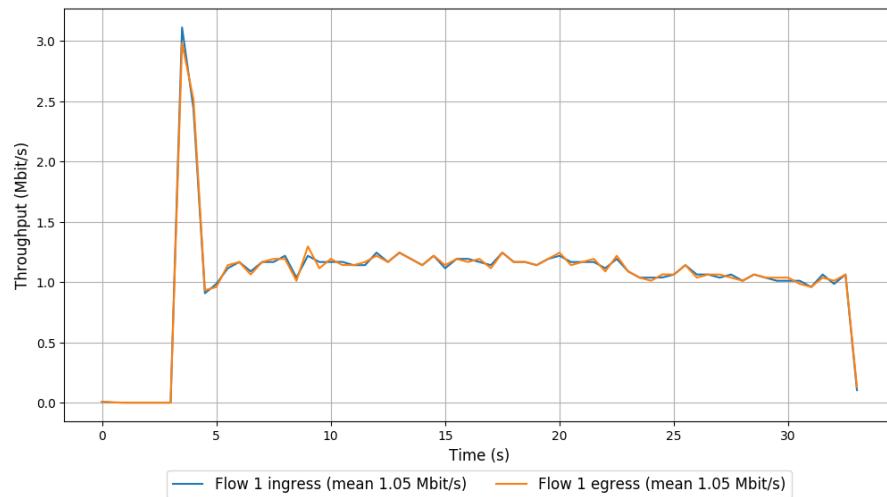


Run 10: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:48:05 +0000
End at: Mon, 19 Jun 2017 23:48:35 +0000
Local clock offset: -0.568 ms
Remote clock offset: -17.288 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:45:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 17.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 17.372 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:05:07 +0000
```

```
End at: Mon, 19 Jun 2017 21:05:37 +0000
```

```
Local clock offset: 6.887 ms
```

```
Remote clock offset: -20.326 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:46:38 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.156 ms
```

```
Loss rate: 0.44%
```

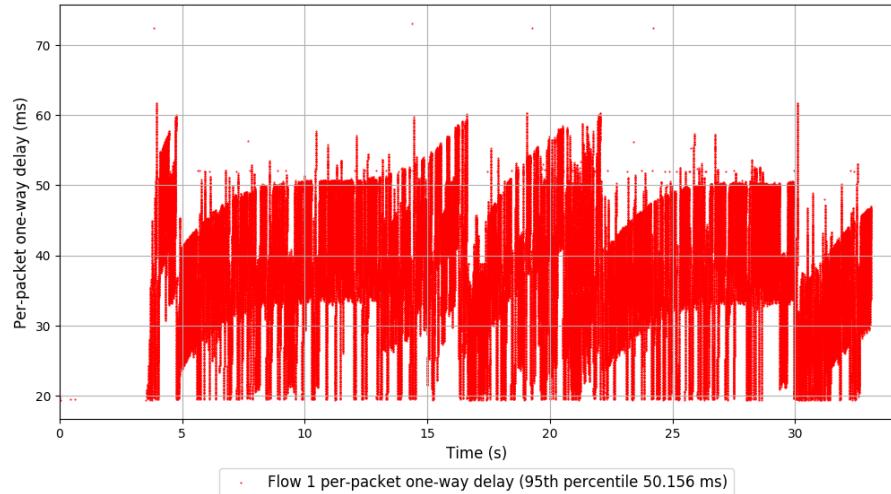
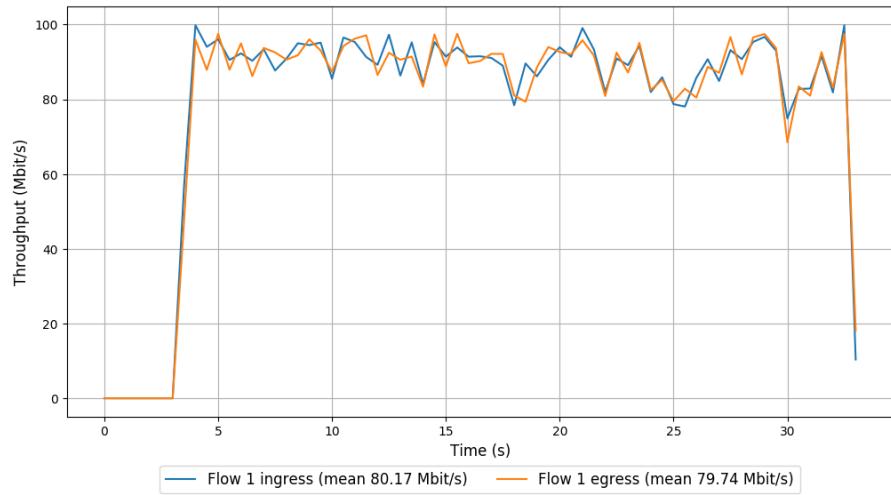
```
-- Flow 1:
```

```
Average throughput: 79.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.156 ms
```

```
Loss rate: 0.44%
```

Run 1: Report of TCP Cubic — Data Link

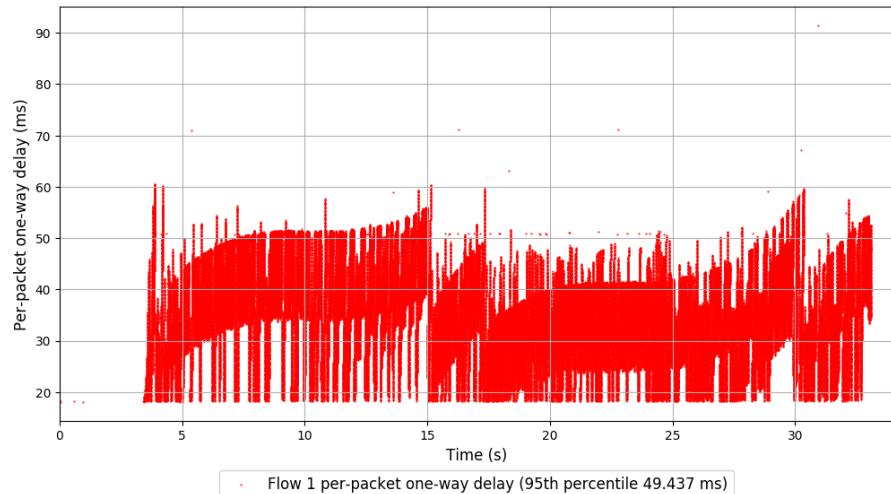
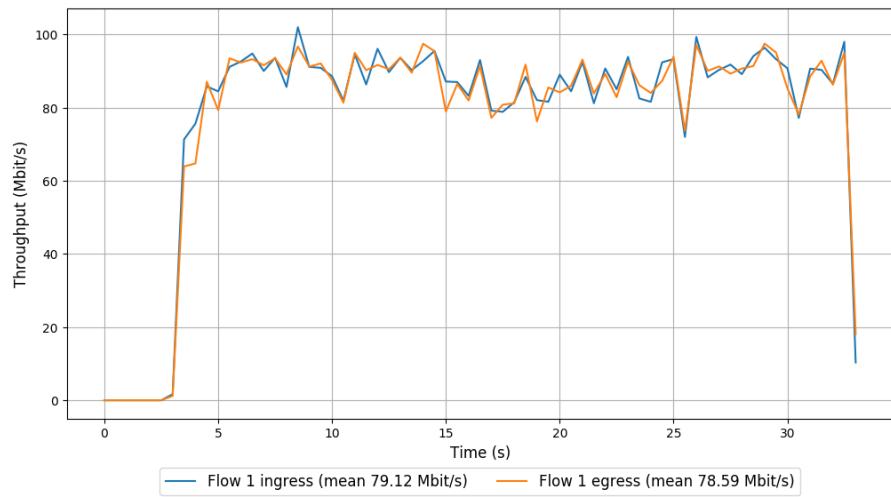


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 21:24:27 +0000
End at: Mon, 19 Jun 2017 21:24:57 +0000
Local clock offset: 3.888 ms
Remote clock offset: -18.741 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:46:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 49.437 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 49.437 ms
Loss rate: 0.58%
```

Run 2: Report of TCP Cubic — Data Link

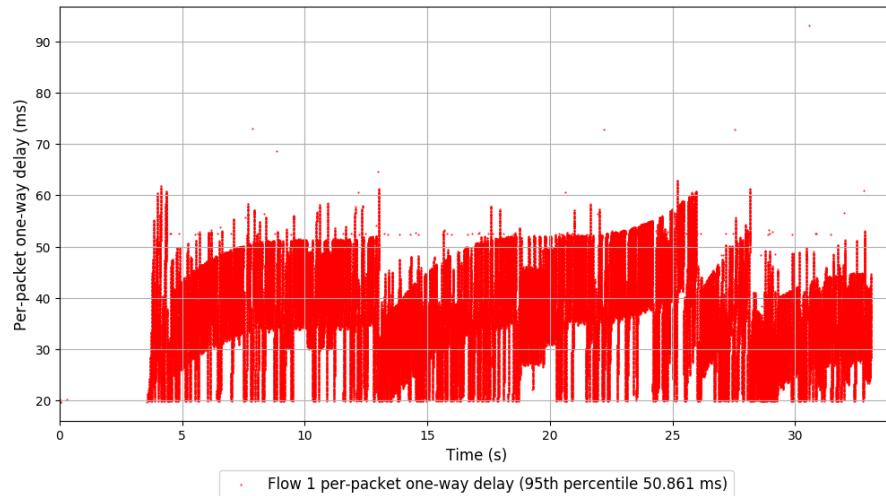
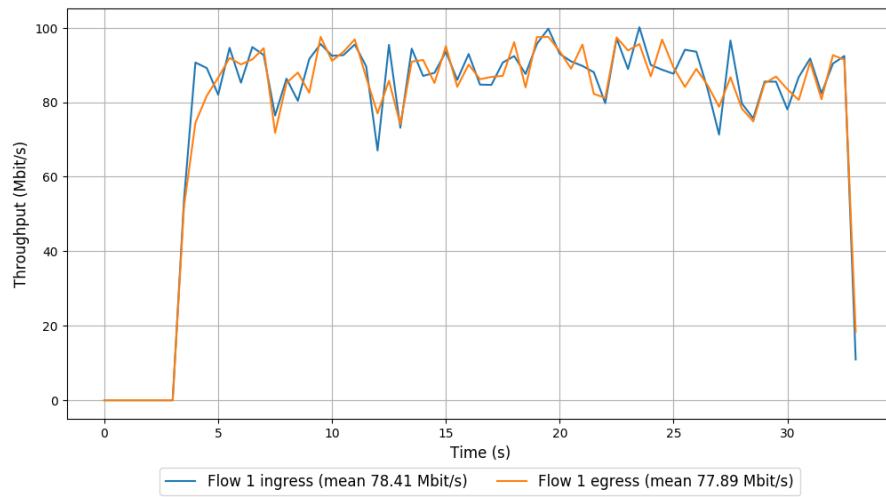


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 21:43:36 +0000
End at: Mon, 19 Jun 2017 21:44:07 +0000
Local clock offset: 7.979 ms
Remote clock offset: -18.788 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:47:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 50.861 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 50.861 ms
Loss rate: 0.70%
```

Run 3: Report of TCP Cubic — Data Link

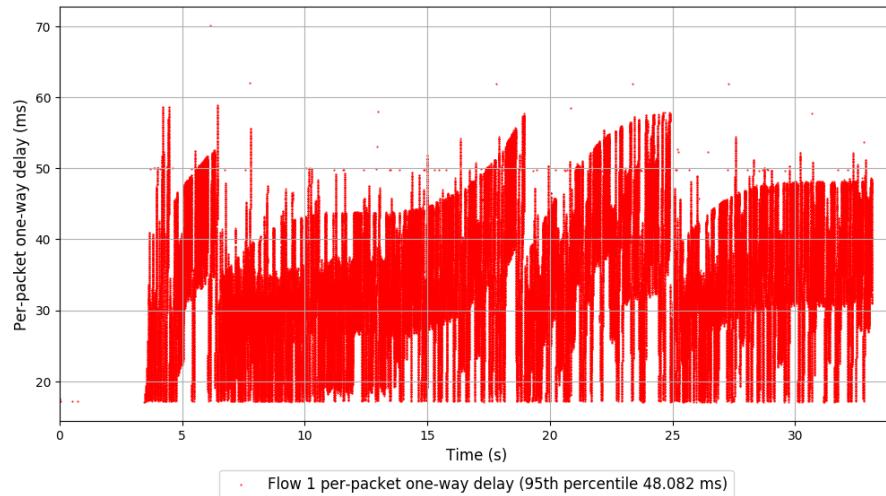
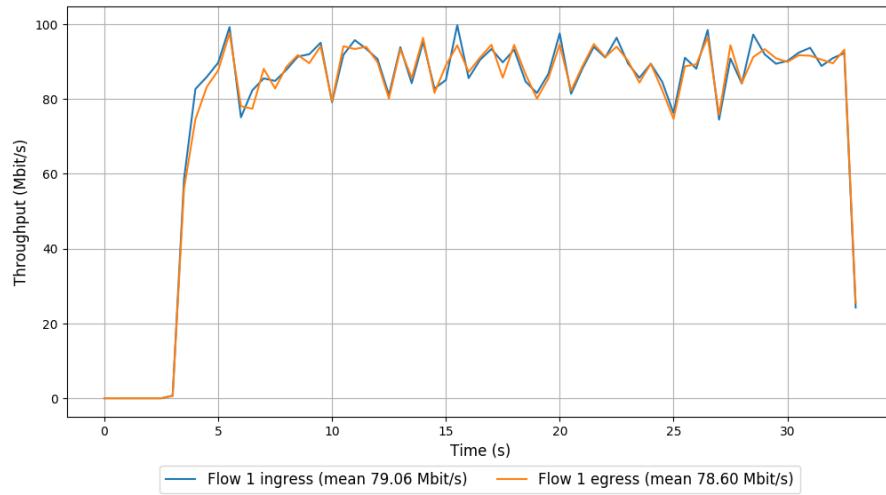


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 22:02:44 +0000
End at: Mon, 19 Jun 2017 22:03:14 +0000
Local clock offset: 1.191 ms
Remote clock offset: -18.572 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:47:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.60 Mbit/s
95th percentile per-packet one-way delay: 48.082 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 78.60 Mbit/s
95th percentile per-packet one-way delay: 48.082 ms
Loss rate: 0.60%
```

Run 4: Report of TCP Cubic — Data Link

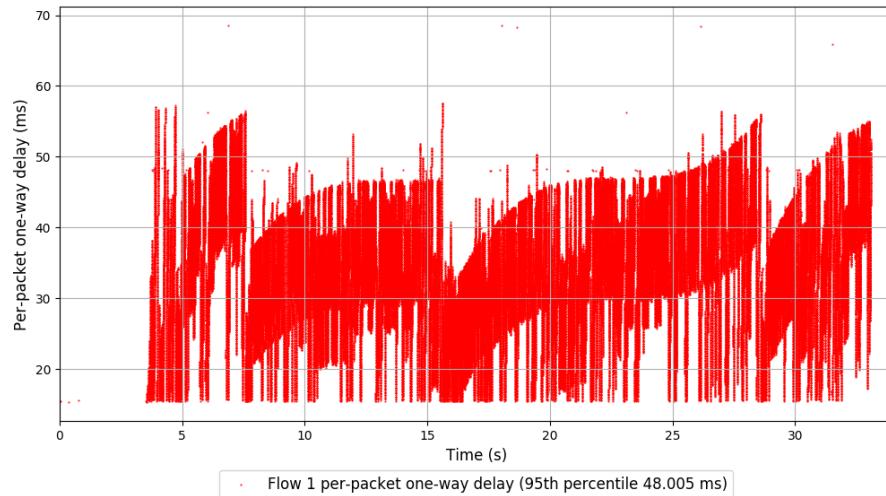
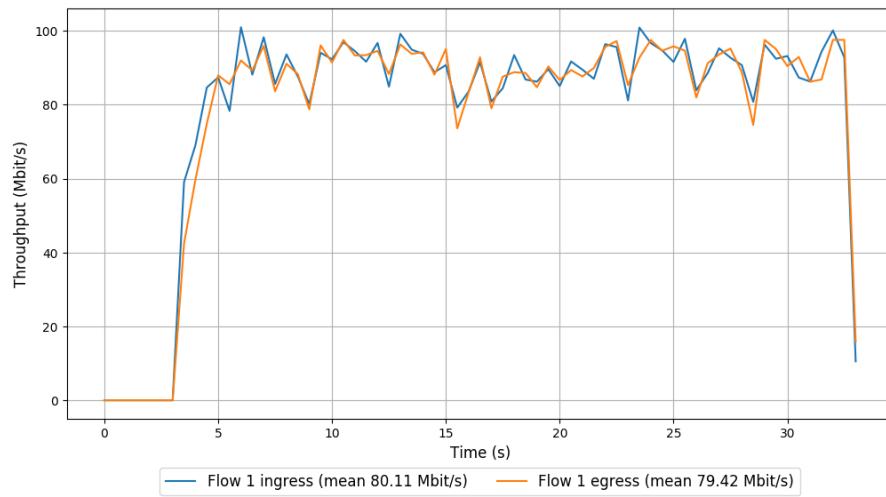


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 22:21:32 +0000
End at: Mon, 19 Jun 2017 22:22:02 +0000
Local clock offset: -0.155 ms
Remote clock offset: -16.276 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:48:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 48.005 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 48.005 ms
Loss rate: 0.90%
```

Run 5: Report of TCP Cubic — Data Link

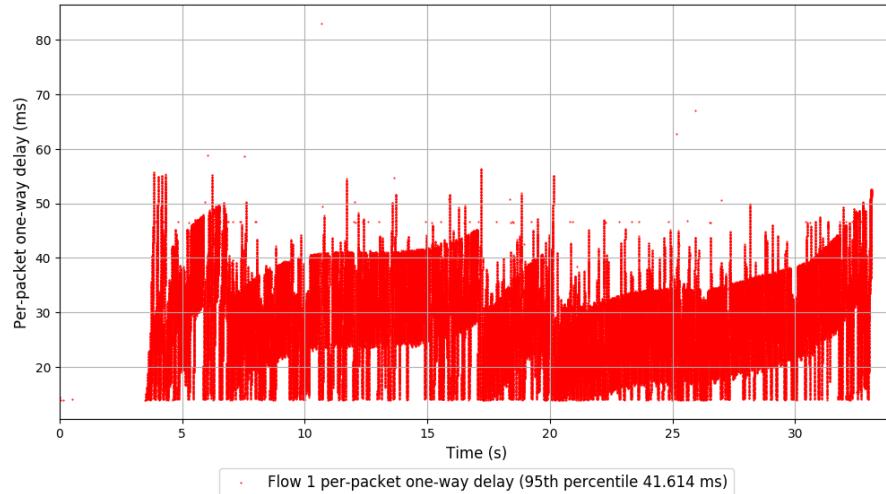
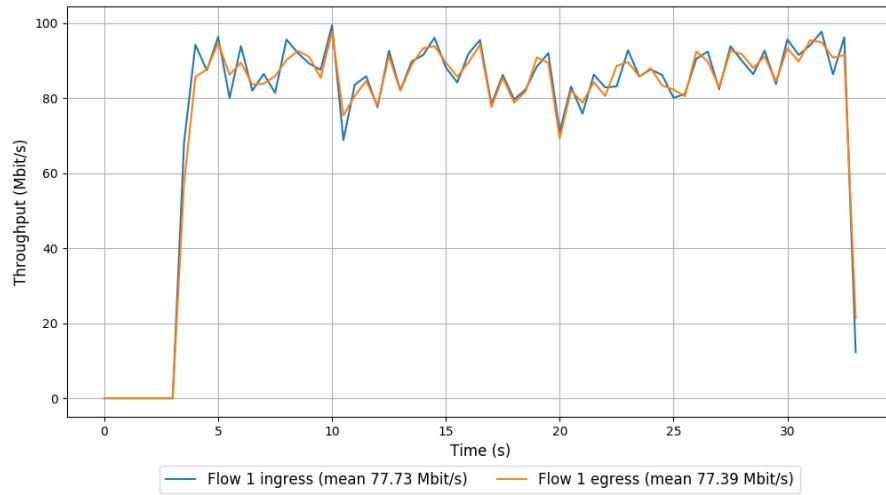


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 22:40:32 +0000
End at: Mon, 19 Jun 2017 22:41:02 +0000
Local clock offset: 3.891 ms
Remote clock offset: -17.354 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:48:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 41.614 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 77.39 Mbit/s
95th percentile per-packet one-way delay: 41.614 ms
Loss rate: 0.48%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 22:59:32 +0000

End at: Mon, 19 Jun 2017 23:00:02 +0000

Local clock offset: 3.78 ms

Remote clock offset: -16.63 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:49:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 45.966 ms

Loss rate: 0.69%

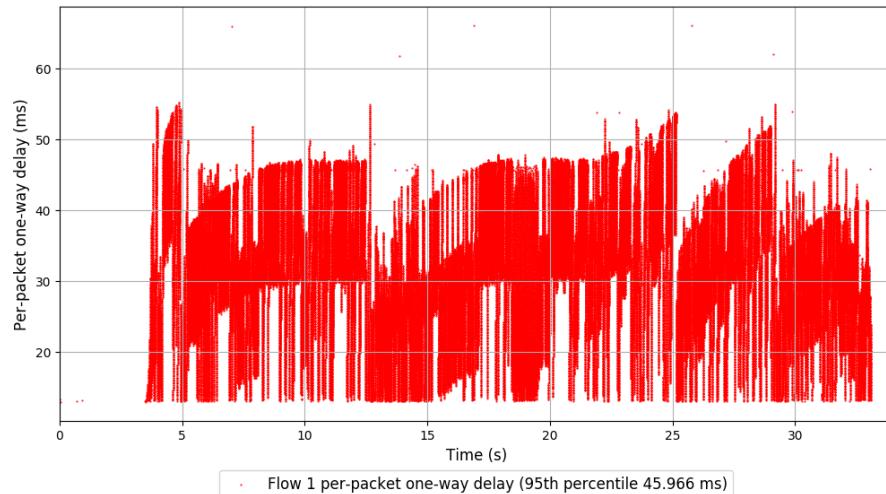
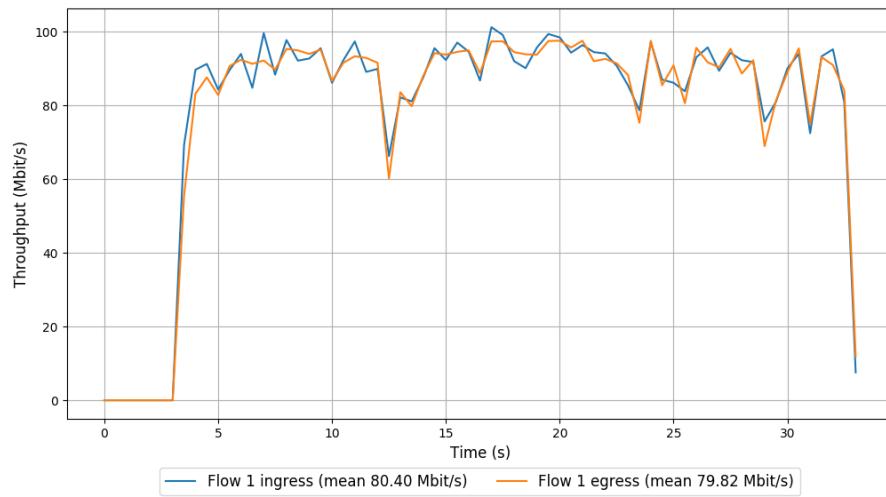
-- Flow 1:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 45.966 ms

Loss rate: 0.69%

Run 7: Report of TCP Cubic — Data Link

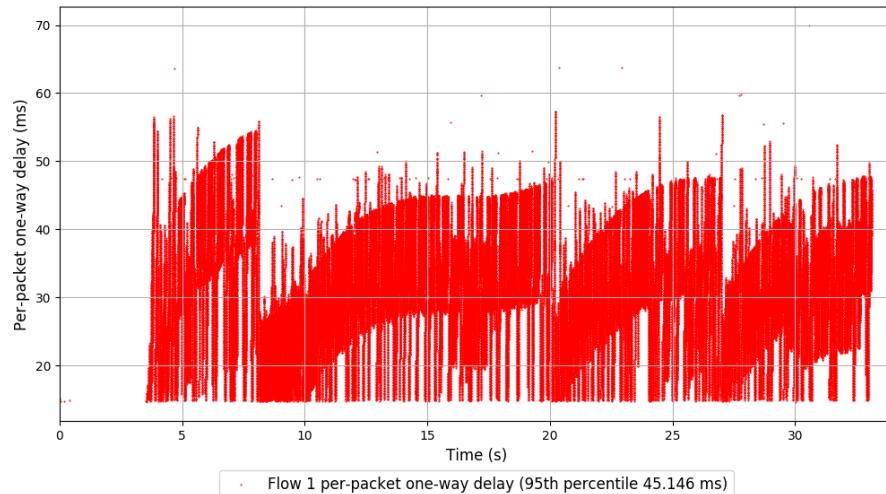
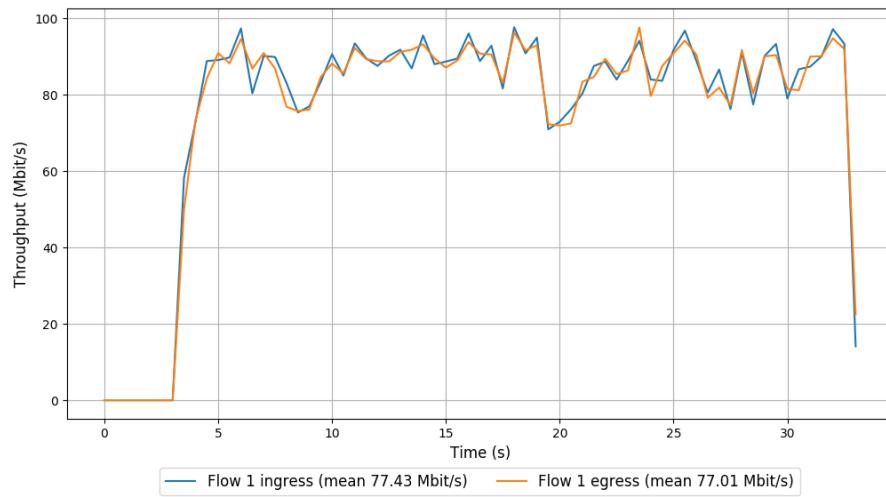


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 23:18:37 +0000
End at: Mon, 19 Jun 2017 23:19:07 +0000
Local clock offset: -0.438 ms
Remote clock offset: -16.614 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:49:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 45.146 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 45.146 ms
Loss rate: 0.48%
```

Run 8: Report of TCP Cubic — Data Link

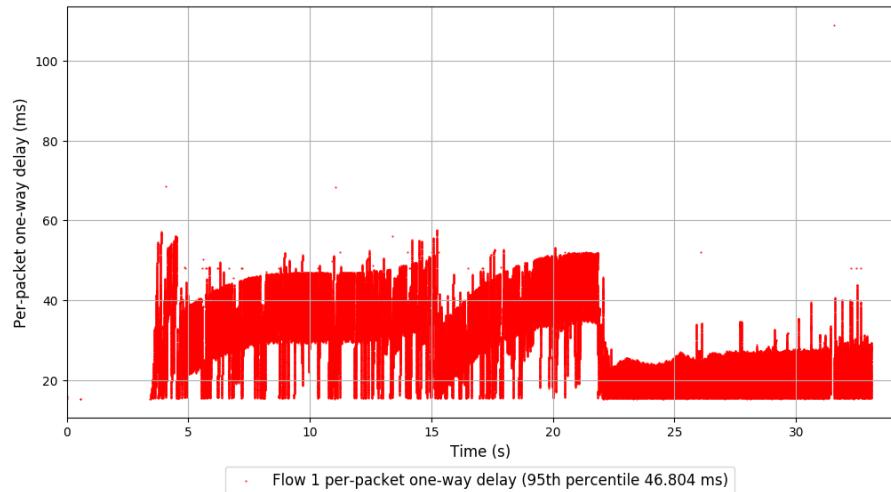
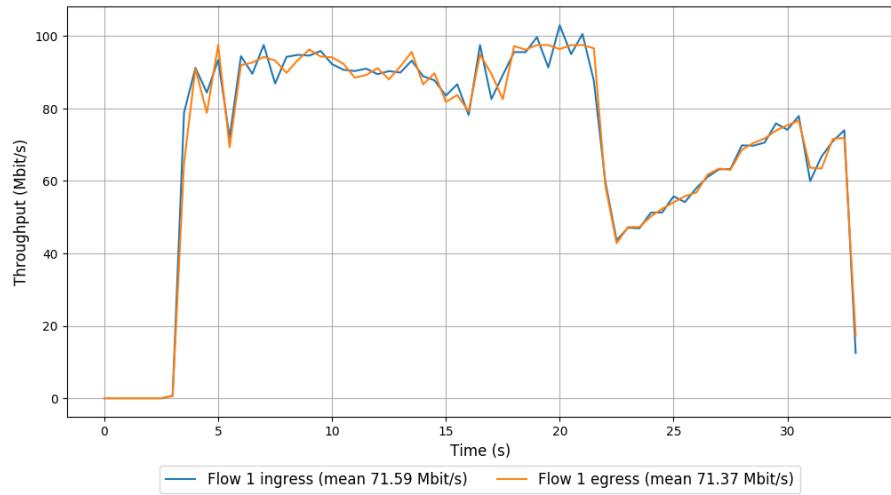


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 23:37:44 +0000
End at: Mon, 19 Jun 2017 23:38:14 +0000
Local clock offset: -0.276 ms
Remote clock offset: -19.264 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:49:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 46.804 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 46.804 ms
Loss rate: 0.31%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:56:47 +0000
```

```
End at: Mon, 19 Jun 2017 23:57:17 +0000
```

```
Local clock offset: 7.496 ms
```

```
Remote clock offset: -19.559 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:50:04 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 76.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.396 ms
```

```
Loss rate: 0.26%
```

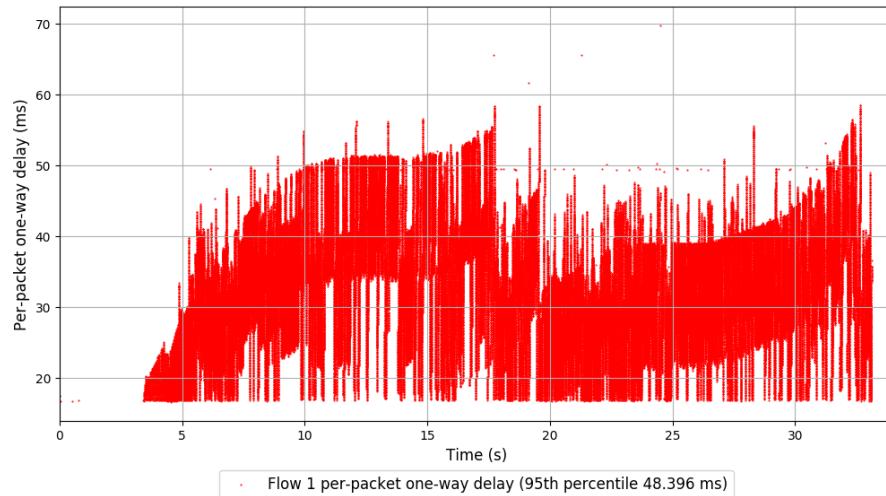
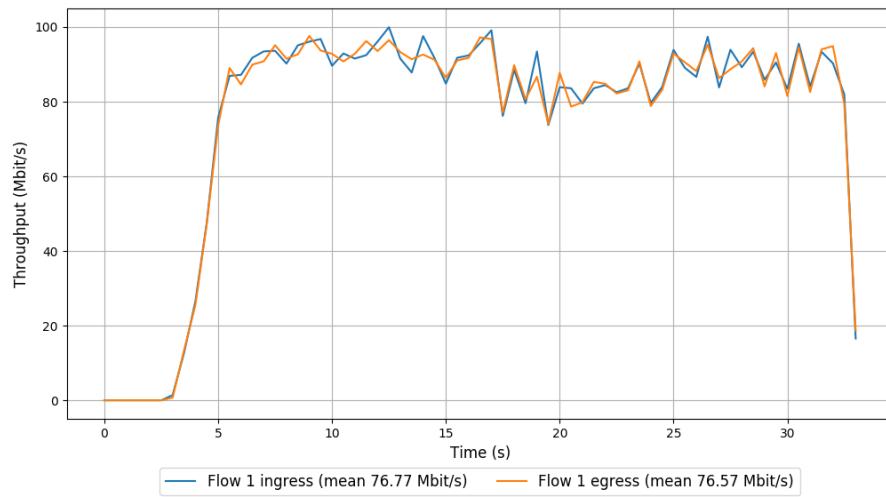
```
-- Flow 1:
```

```
Average throughput: 76.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.396 ms
```

```
Loss rate: 0.26%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:06:49 +0000
```

```
End at: Mon, 19 Jun 2017 21:07:19 +0000
```

```
Local clock offset: 4.539 ms
```

```
Remote clock offset: -21.598 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:50:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 25.83 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.269 ms
```

```
Loss rate: 0.00%
```

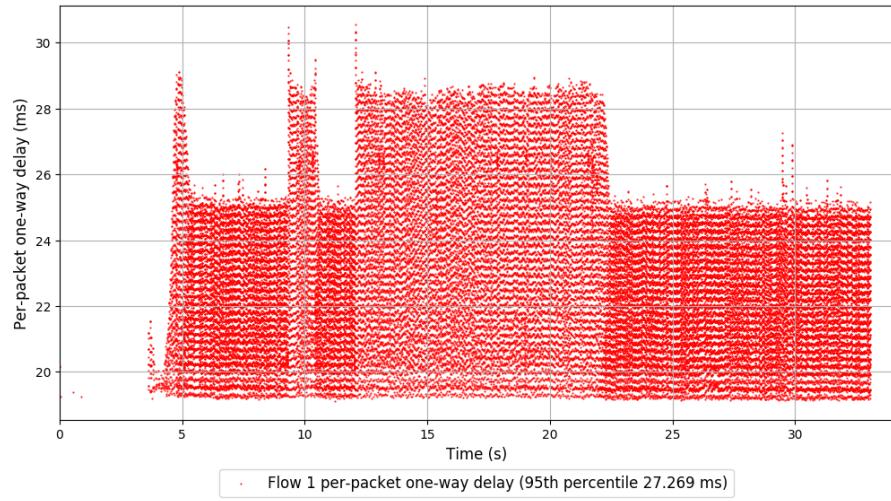
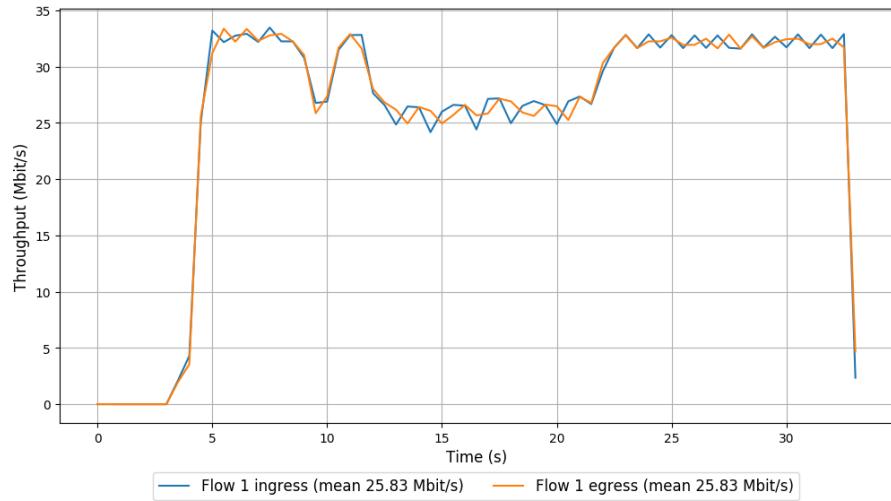
```
-- Flow 1:
```

```
Average throughput: 25.83 Mbit/s
```

```
95th percentile per-packet one-way delay: 27.269 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

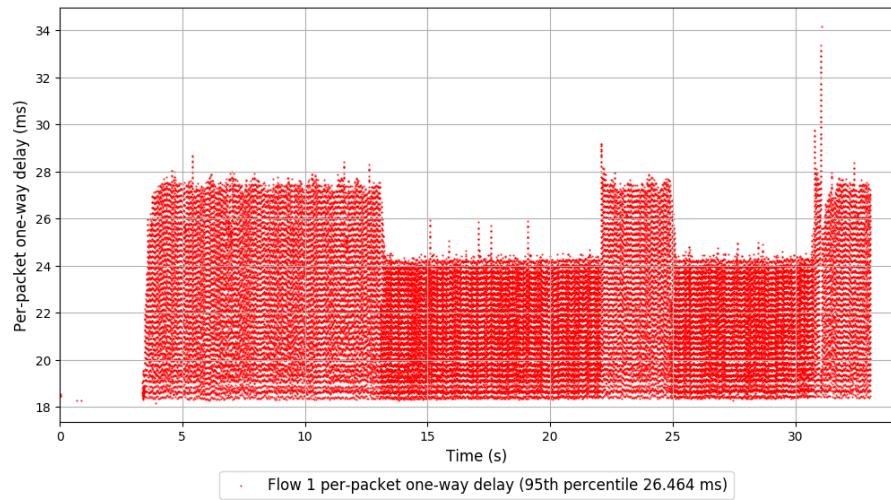
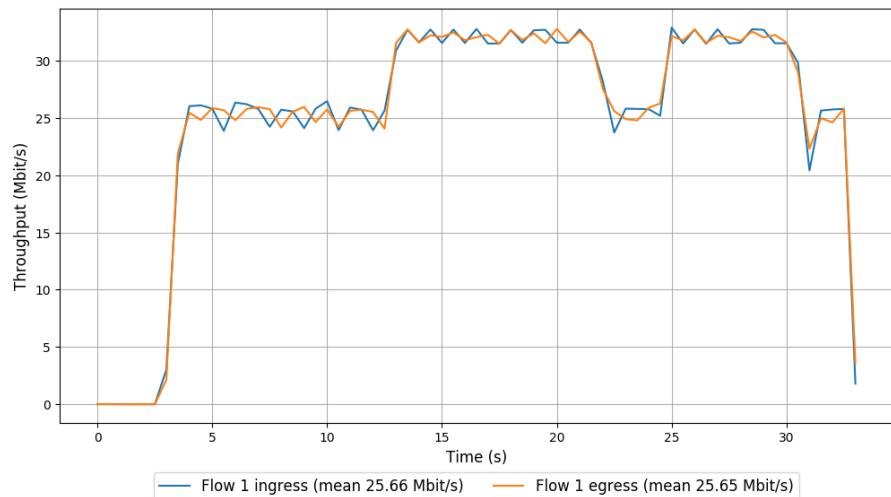


Run 2: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:26:09 +0000
End at: Mon, 19 Jun 2017 21:26:39 +0000
Local clock offset: 2.176 ms
Remote clock offset: -20.272 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:50:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.65 Mbit/s
95th percentile per-packet one-way delay: 26.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.65 Mbit/s
95th percentile per-packet one-way delay: 26.464 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

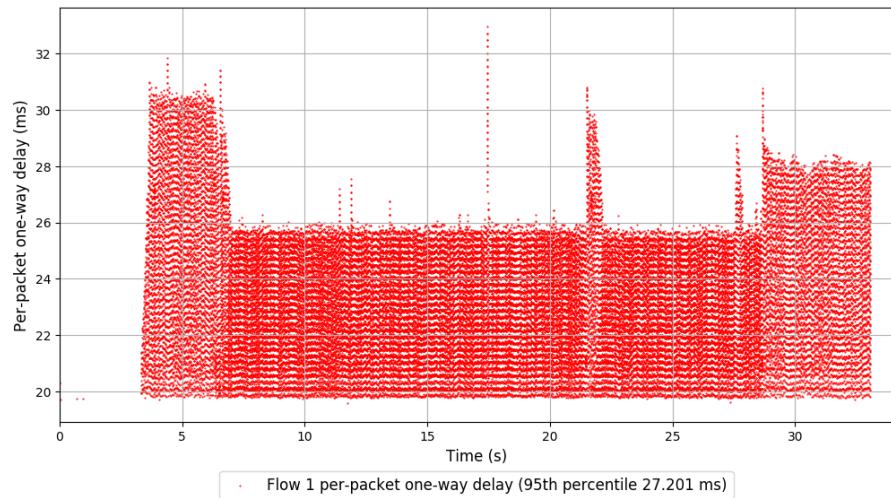
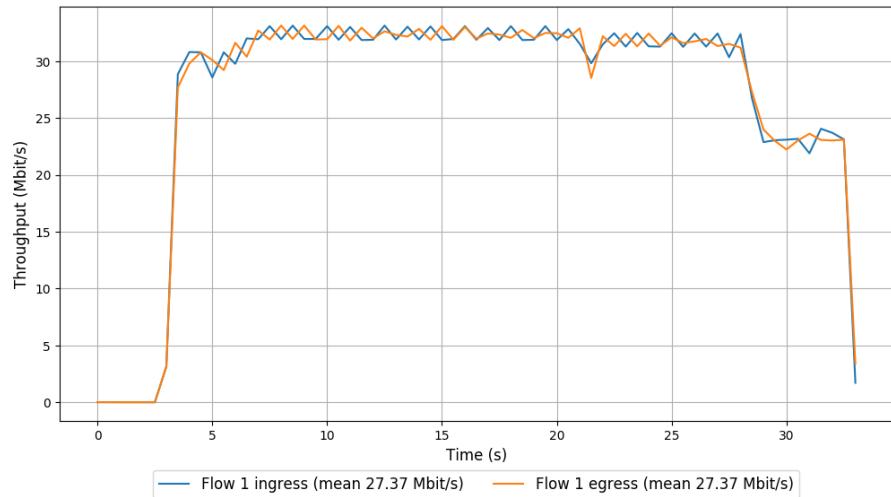


Run 3: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:45:14 +0000
End at: Mon, 19 Jun 2017 21:45:44 +0000
Local clock offset: 5.514 ms
Remote clock offset: -18.544 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:50:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 27.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 27.201 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

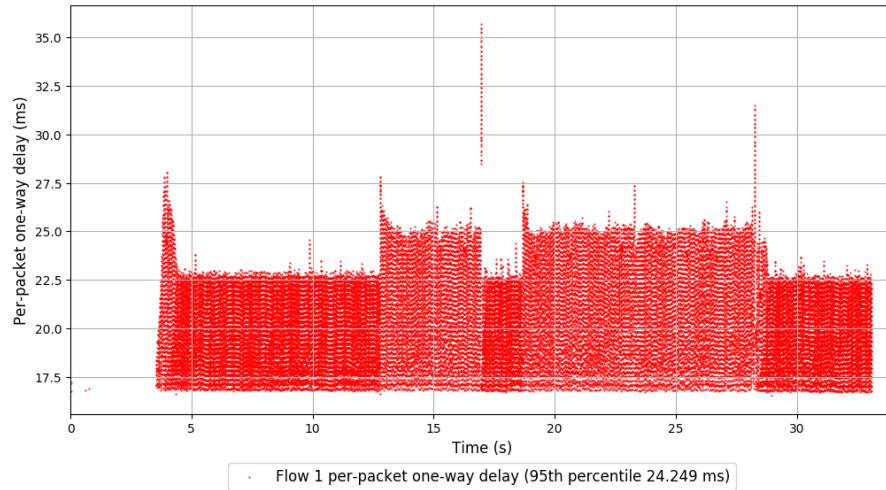
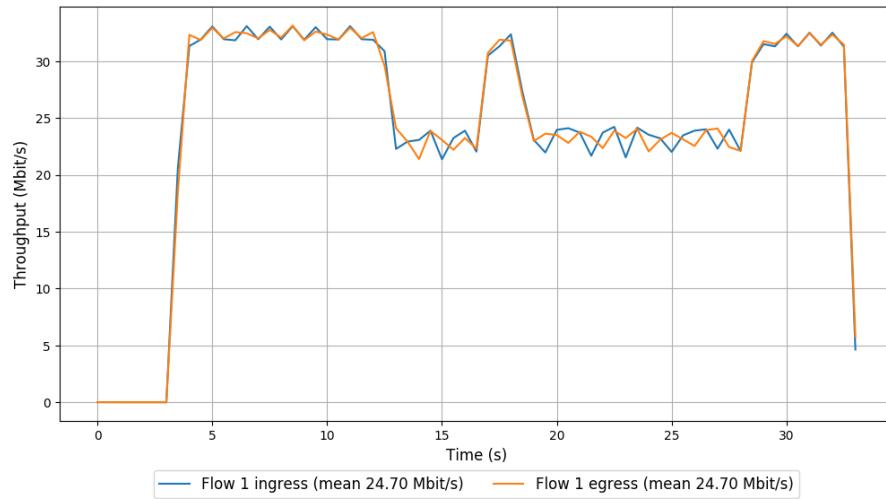


Run 4: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:04:21 +0000
End at: Mon, 19 Jun 2017 22:04:51 +0000
Local clock offset: 4.919 ms
Remote clock offset: -17.225 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:50:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 24.249 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 24.249 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

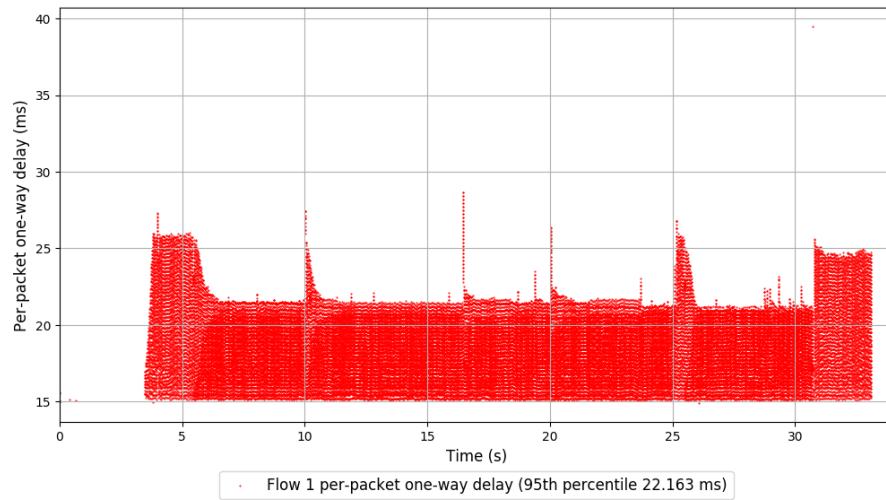
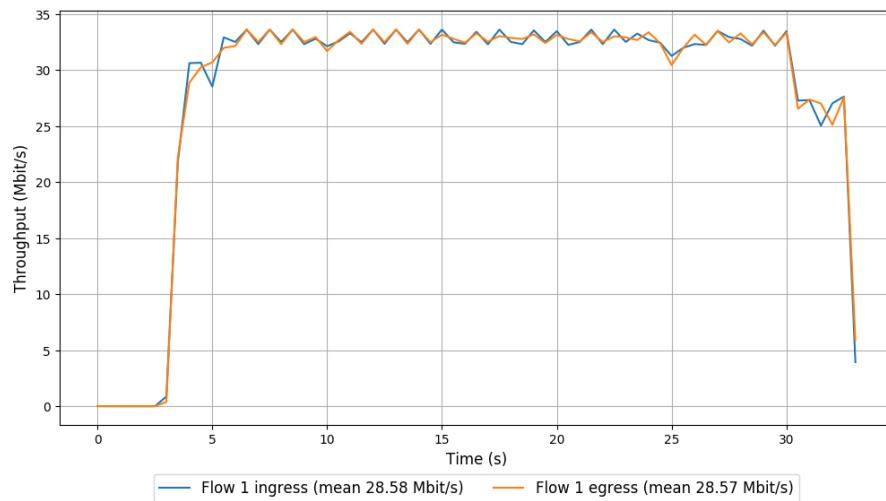


Run 5: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:23:10 +0000
End at: Mon, 19 Jun 2017 22:23:40 +0000
Local clock offset: 5.885 ms
Remote clock offset: -17.018 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 22.163 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 22.163 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

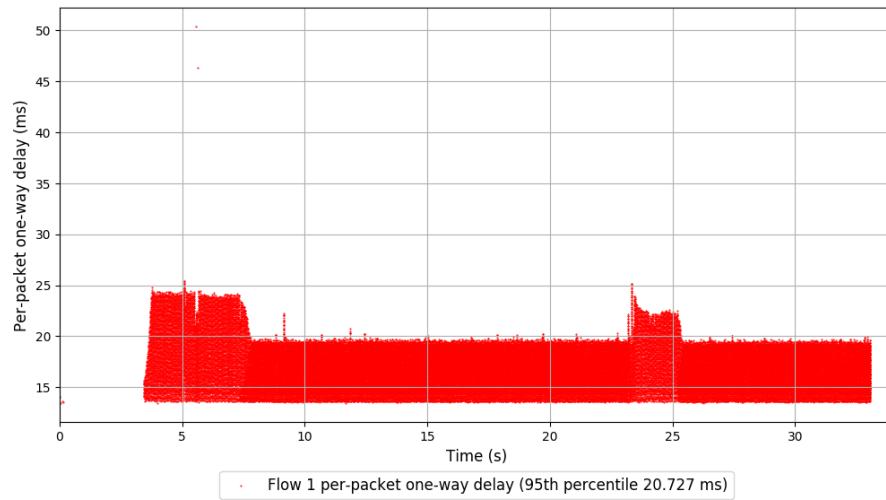
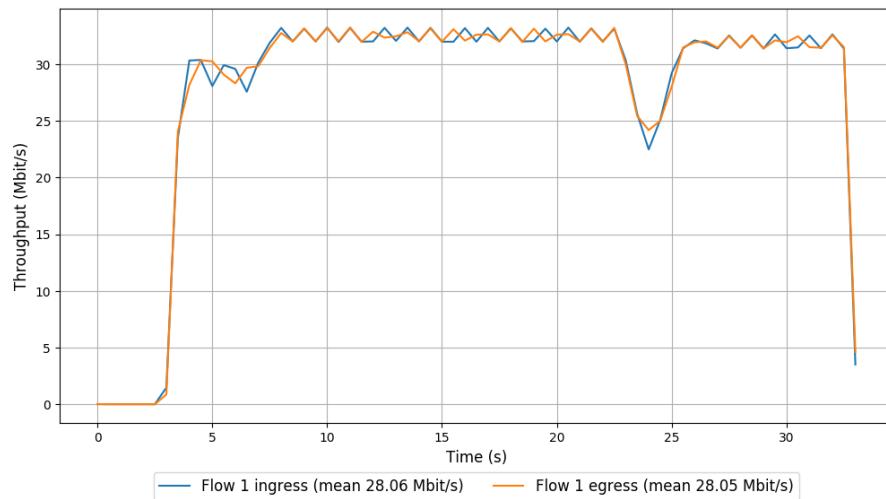


Run 6: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:42:10 +0000
End at: Mon, 19 Jun 2017 22:42:40 +0000
Local clock offset: -1.408 ms
Remote clock offset: -17.3 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.05 Mbit/s
95th percentile per-packet one-way delay: 20.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.05 Mbit/s
95th percentile per-packet one-way delay: 20.727 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

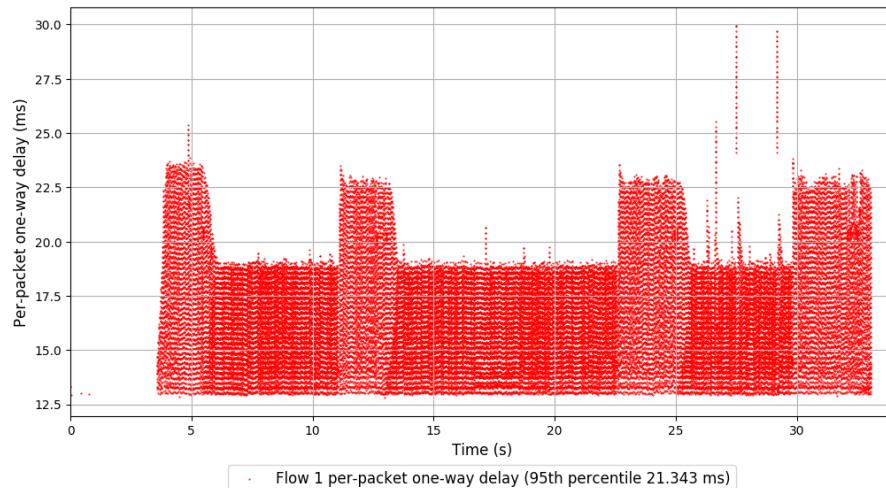
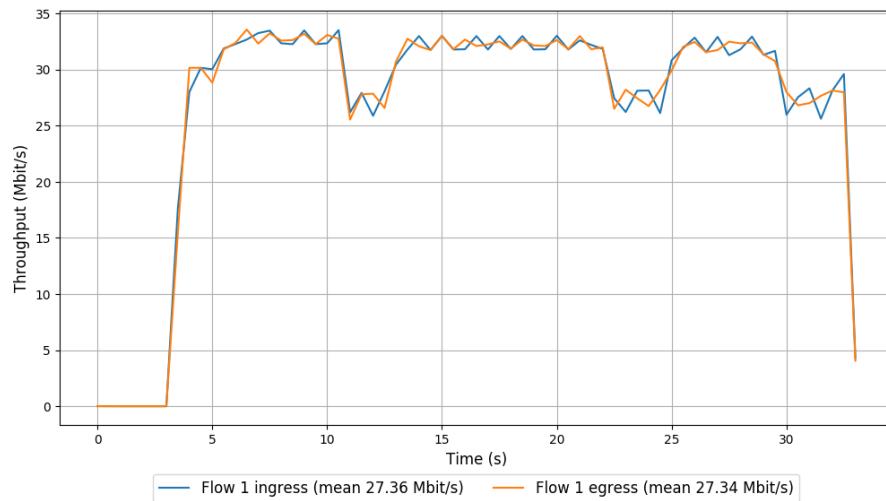


Run 7: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:01:11 +0000
End at: Mon, 19 Jun 2017 23:01:41 +0000
Local clock offset: 0.121 ms
Remote clock offset: -17.514 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 21.343 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 21.343 ms
Loss rate: 0.10%
```

Run 7: Report of KohoCC — Data Link

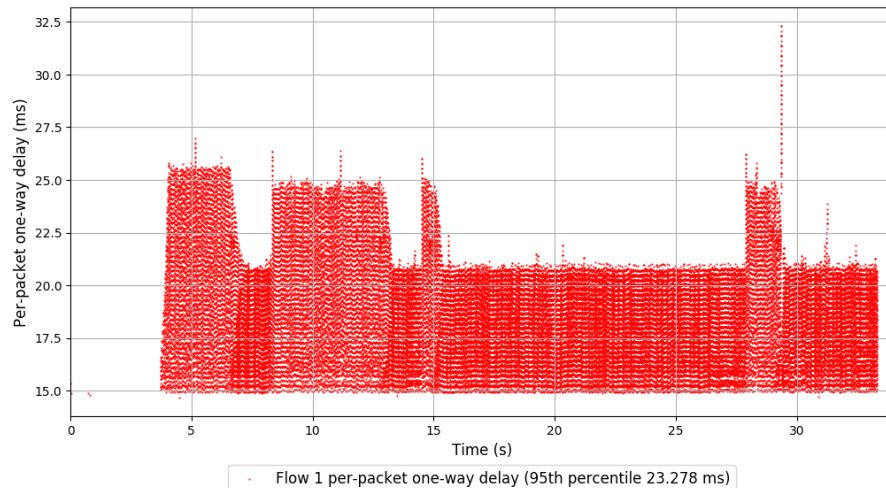
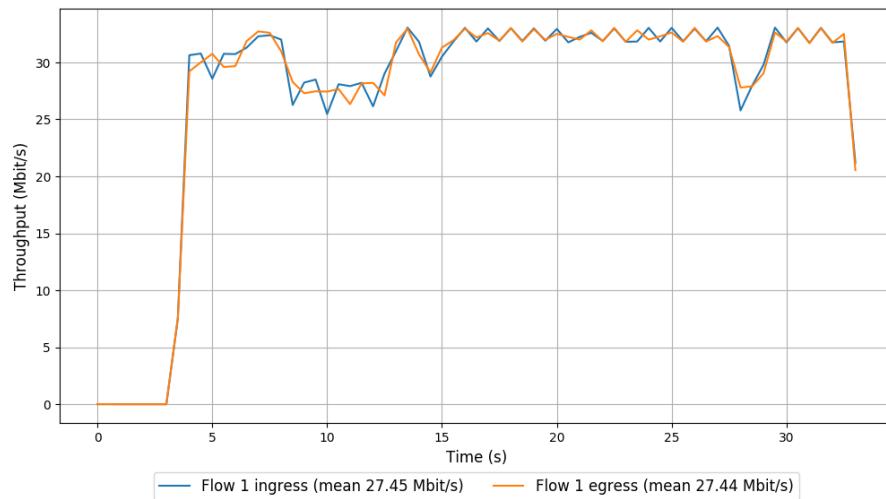


Run 8: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:20:15 +0000
End at: Mon, 19 Jun 2017 23:20:45 +0000
Local clock offset: 0.955 ms
Remote clock offset: -16.557 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 23.278 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 23.278 ms
Loss rate: 0.07%
```

Run 8: Report of KohoCC — Data Link

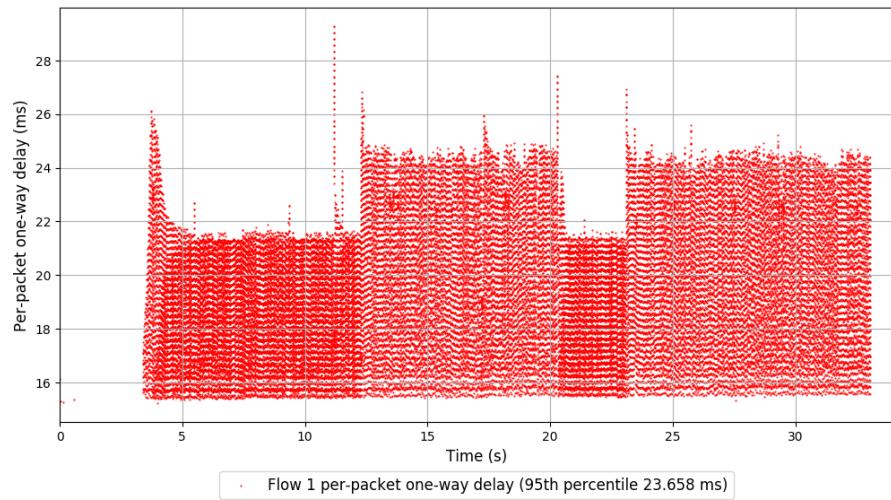
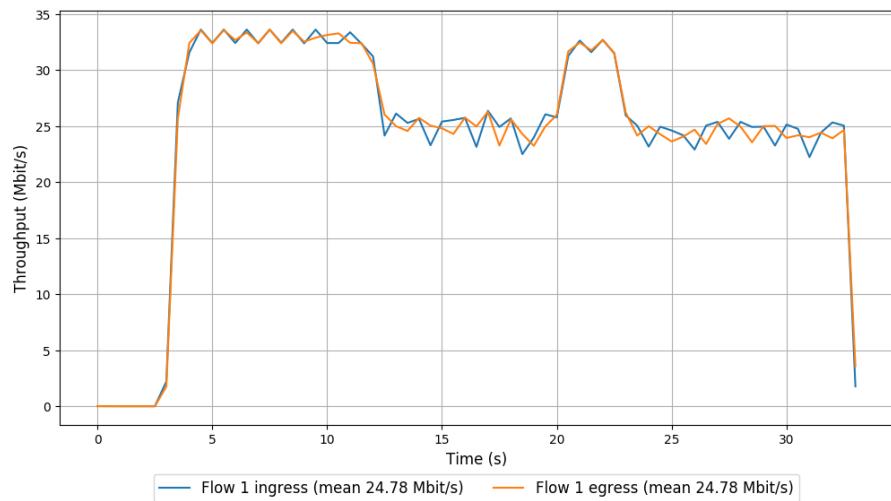


Run 9: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:39:19 +0000
End at: Mon, 19 Jun 2017 23:39:49 +0000
Local clock offset: 5.634 ms
Remote clock offset: -17.272 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 23.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 23.658 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

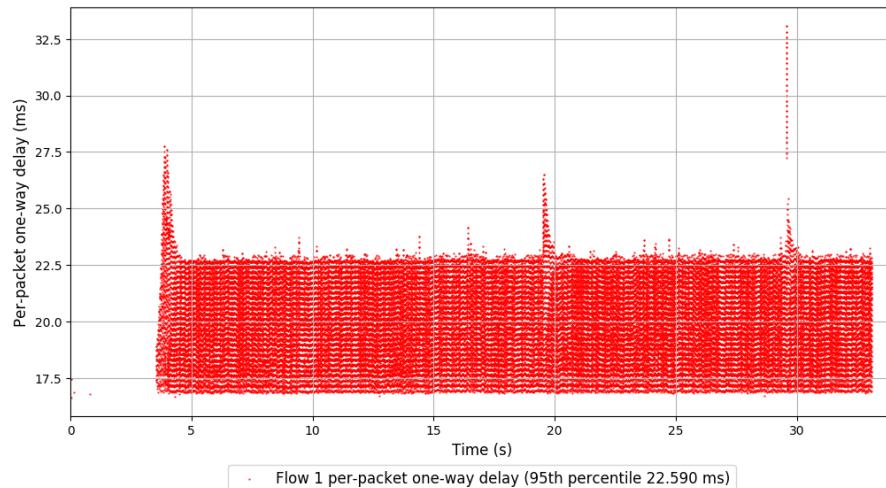
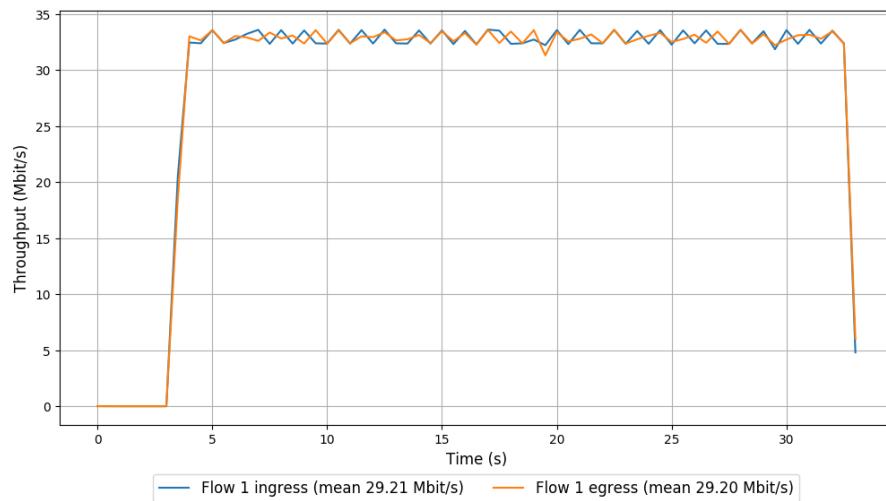


Run 10: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:58:24 +0000
End at: Mon, 19 Jun 2017 23:58:54 +0000
Local clock offset: 2.634 ms
Remote clock offset: -16.567 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:51:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 22.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 22.590 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

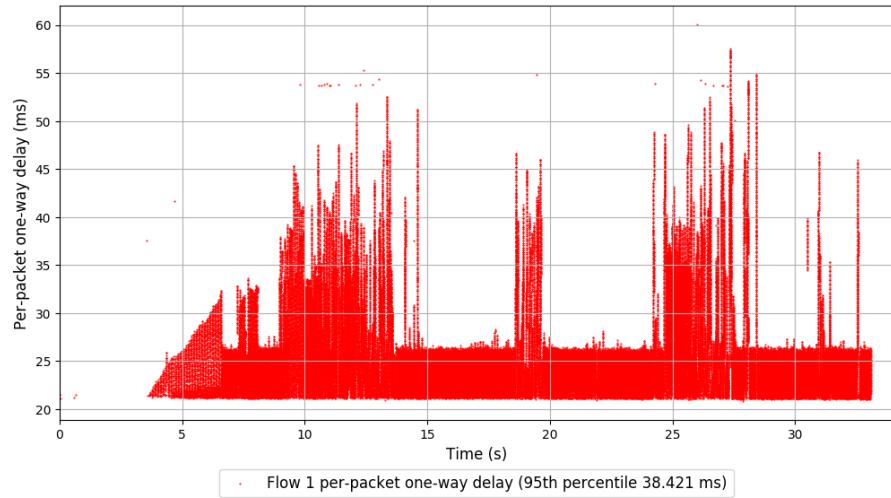
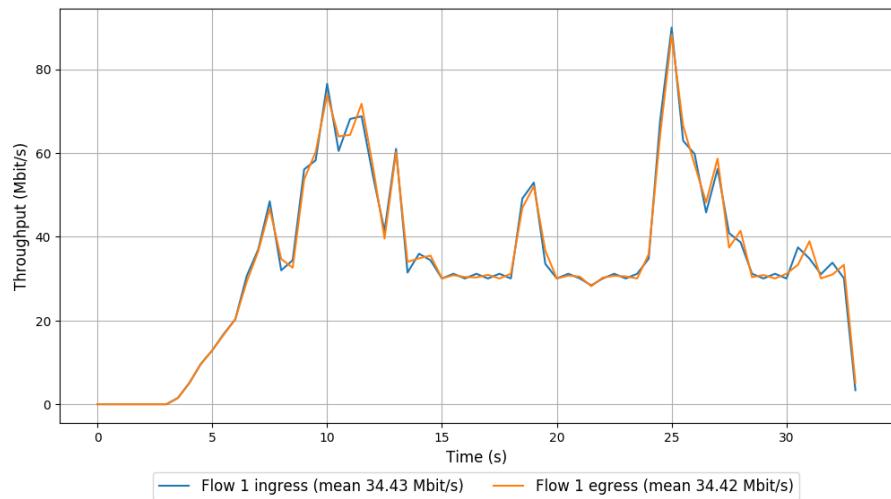


Run 1: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 20:52:51 +0000
End at: Mon, 19 Jun 2017 20:53:21 +0000
Local clock offset: 7.047 ms
Remote clock offset: -20.854 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:52:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 38.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 38.421 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

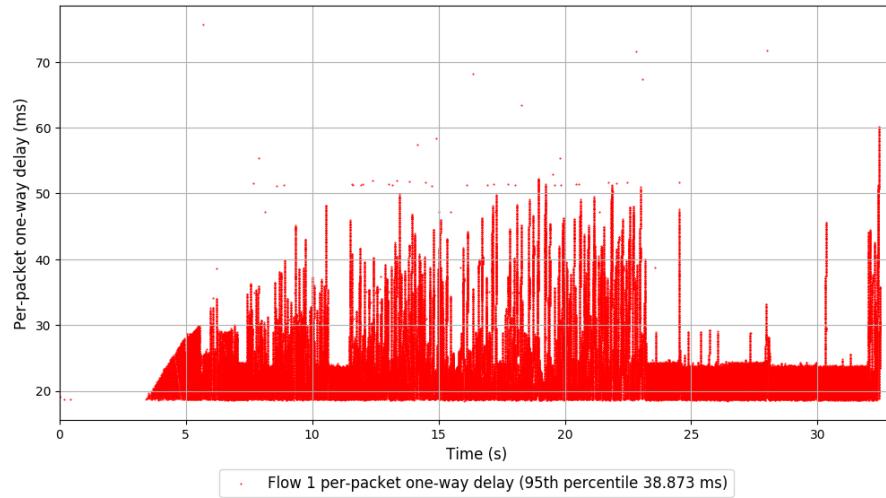
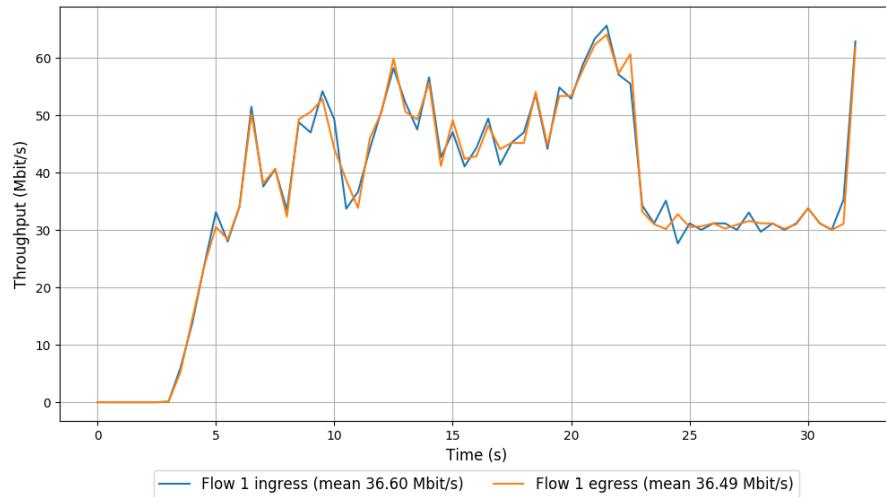


Run 2: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:11:42 +0000
End at: Mon, 19 Jun 2017 21:12:12 +0000
Local clock offset: 4.519 ms
Remote clock offset: -19.352 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:52:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 38.873 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 38.873 ms
Loss rate: 0.27%
```

Run 2: Report of LEDBAT — Data Link

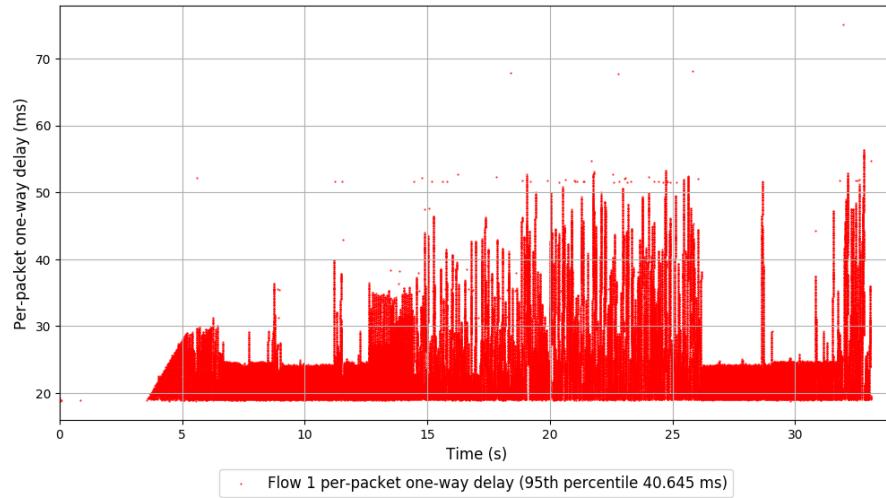
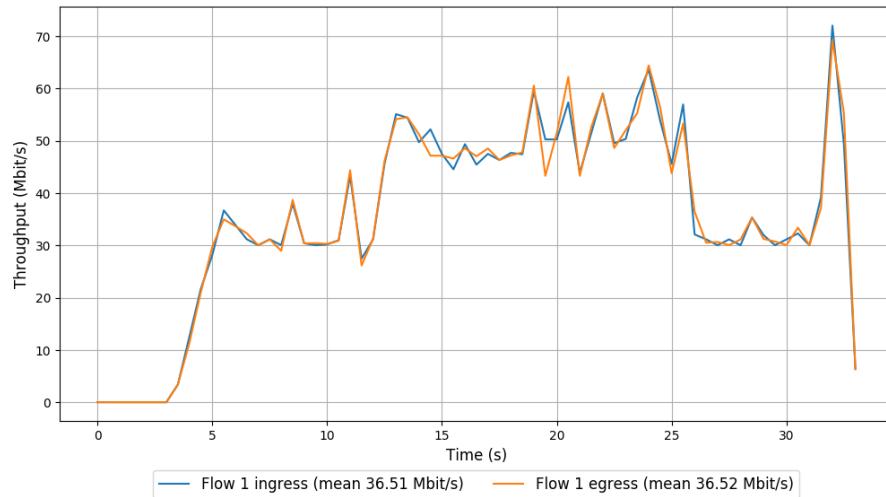


Run 3: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:31:00 +0000
End at: Mon, 19 Jun 2017 21:31:30 +0000
Local clock offset: 1.837 ms
Remote clock offset: -20.699 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:52:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.52 Mbit/s
95th percentile per-packet one-way delay: 40.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.52 Mbit/s
95th percentile per-packet one-way delay: 40.645 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

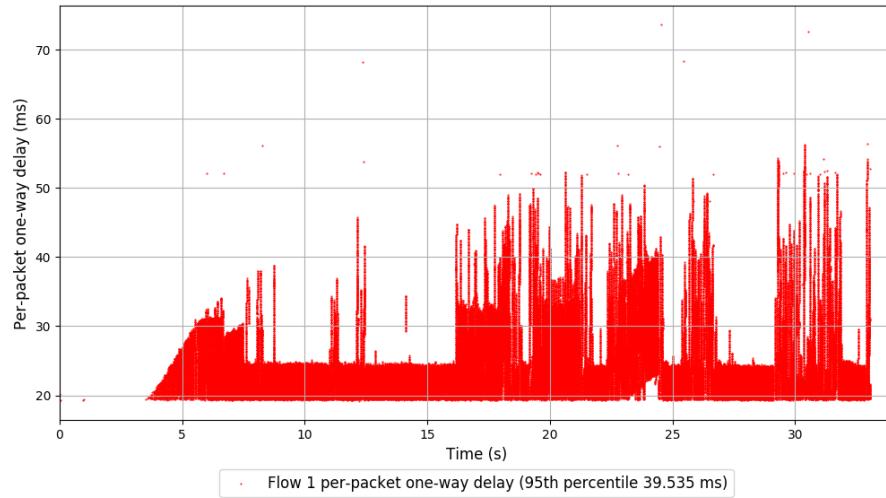
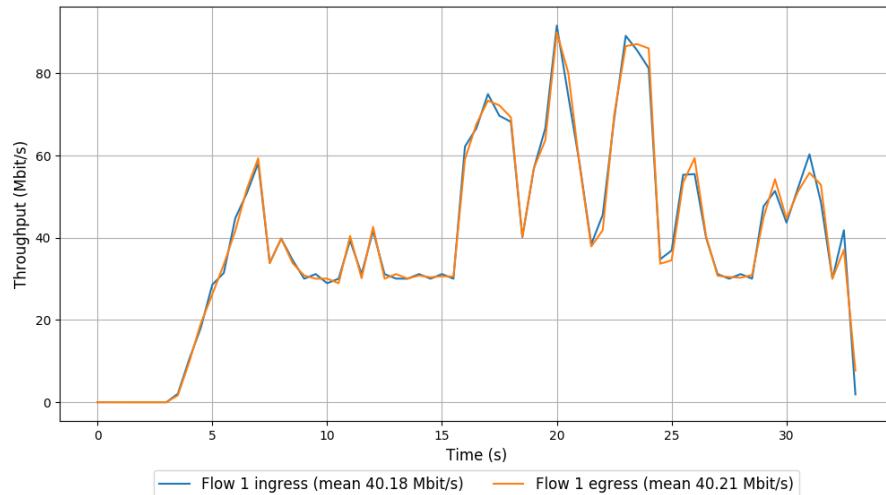


Run 4: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:50:06 +0000
End at: Mon, 19 Jun 2017 21:50:36 +0000
Local clock offset: 0.857 ms
Remote clock offset: -17.922 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:52:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 39.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 39.535 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

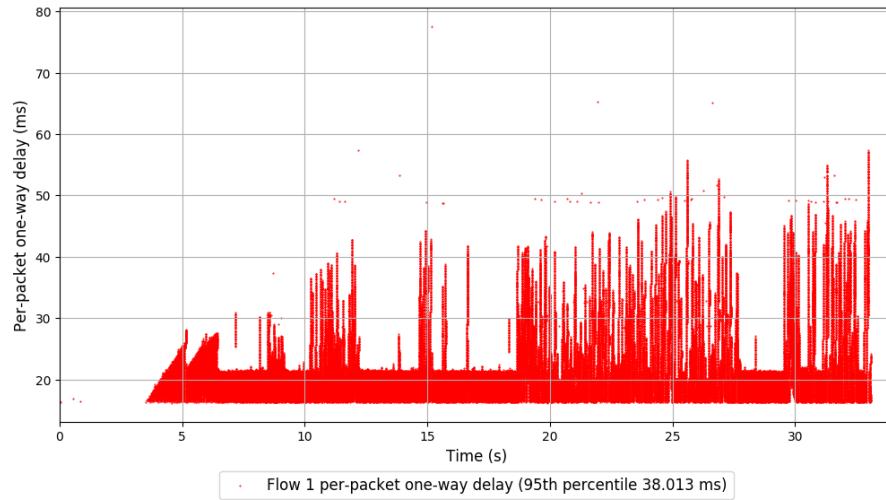
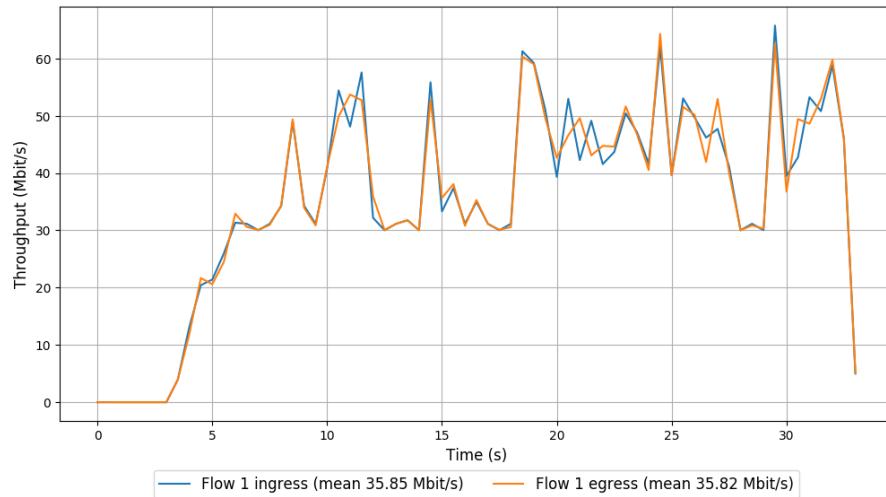


Run 5: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:09:05 +0000
End at: Mon, 19 Jun 2017 22:09:35 +0000
Local clock offset: 4.336 ms
Remote clock offset: -17.034 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:53:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 38.013 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 38.013 ms
Loss rate: 0.07%
```

Run 5: Report of LEDBAT — Data Link

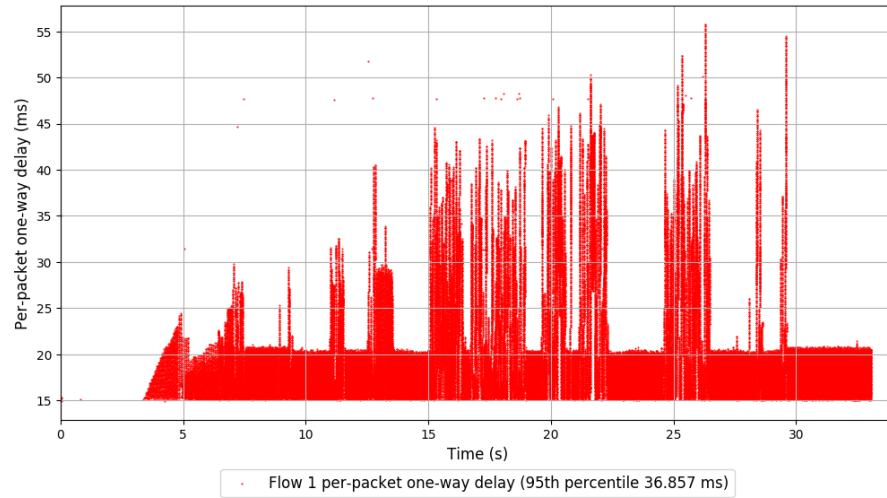
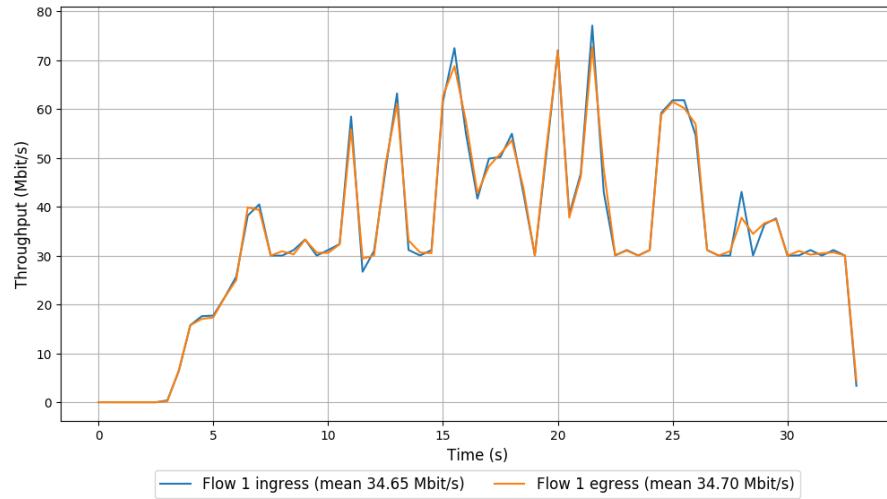


Run 6: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:28:07 +0000
End at: Mon, 19 Jun 2017 22:28:37 +0000
Local clock offset: 5.033 ms
Remote clock offset: -17.403 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:53:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 36.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 36.857 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

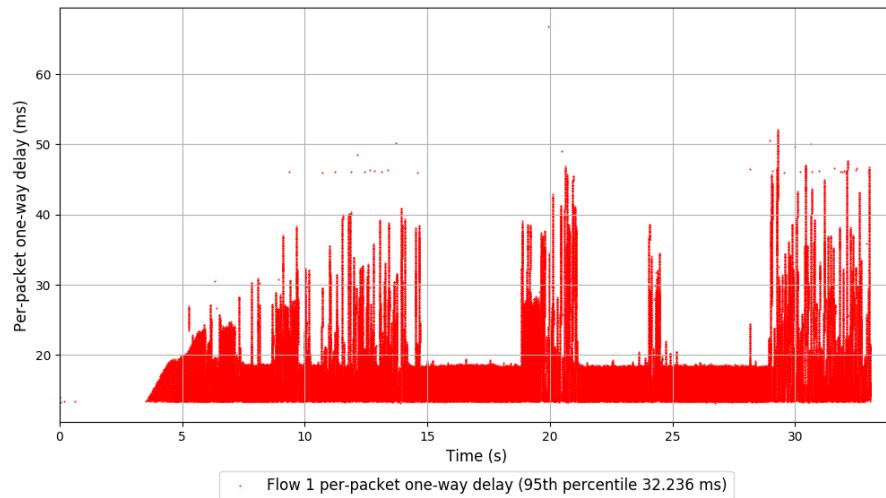
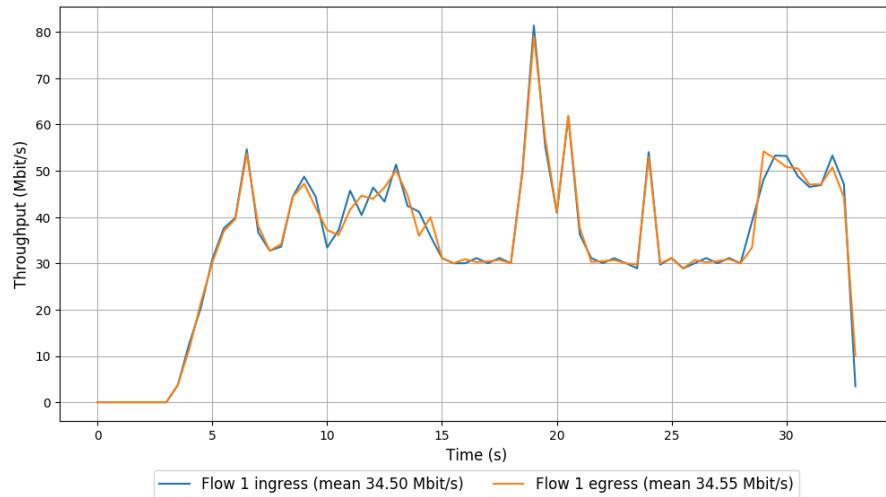


Run 7: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:46:57 +0000
End at: Mon, 19 Jun 2017 22:47:27 +0000
Local clock offset: 1.62 ms
Remote clock offset: -16.112 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:53:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 32.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 32.236 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

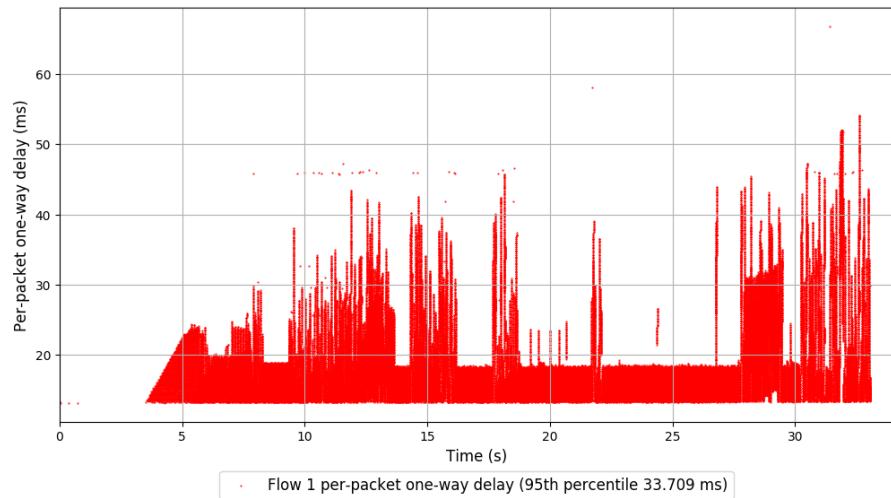
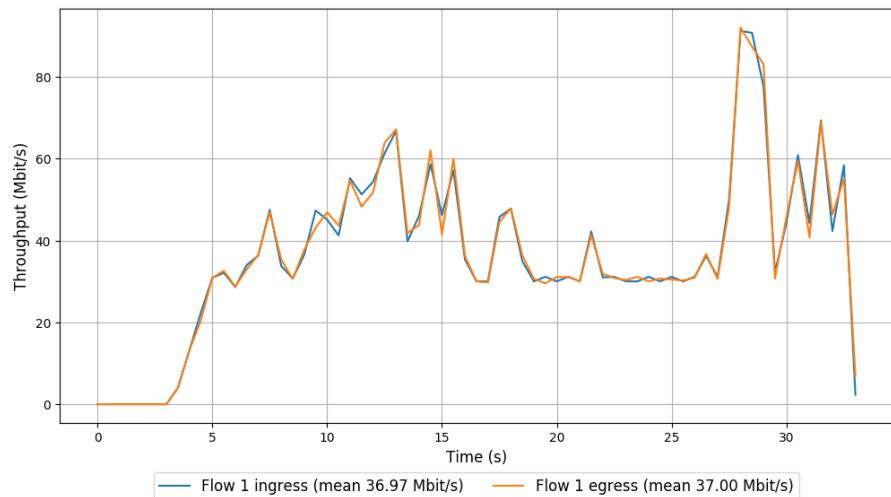


Run 8: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:06:03 +0000
End at: Mon, 19 Jun 2017 23:06:33 +0000
Local clock offset: -0.213 ms
Remote clock offset: -17.005 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:53:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 33.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 33.709 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

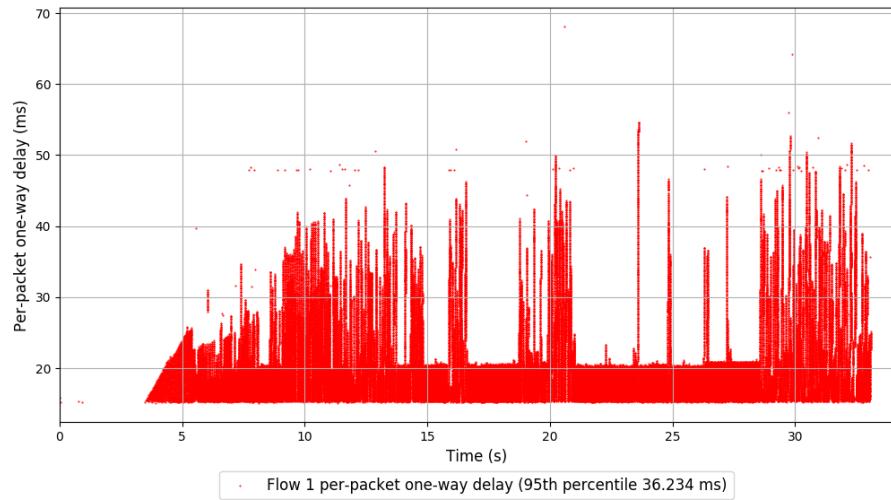
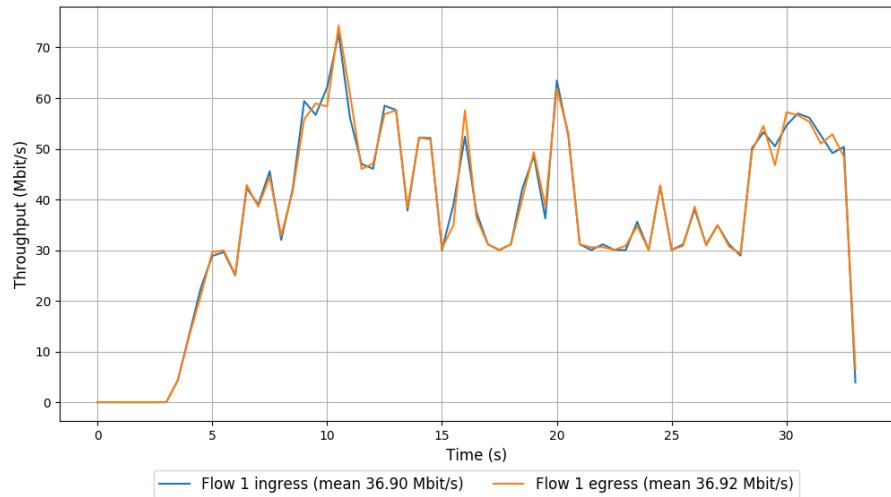


Run 9: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:25:09 +0000
End at: Mon, 19 Jun 2017 23:25:39 +0000
Local clock offset: 3.287 ms
Remote clock offset: -15.864 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

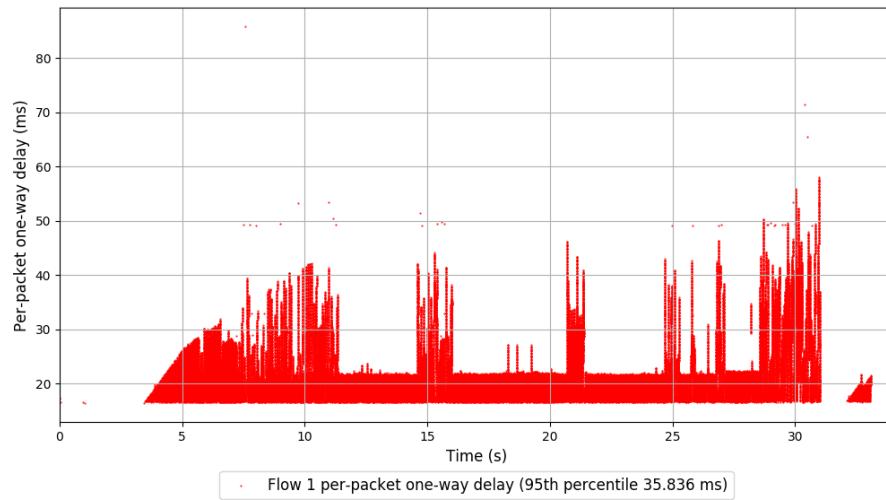
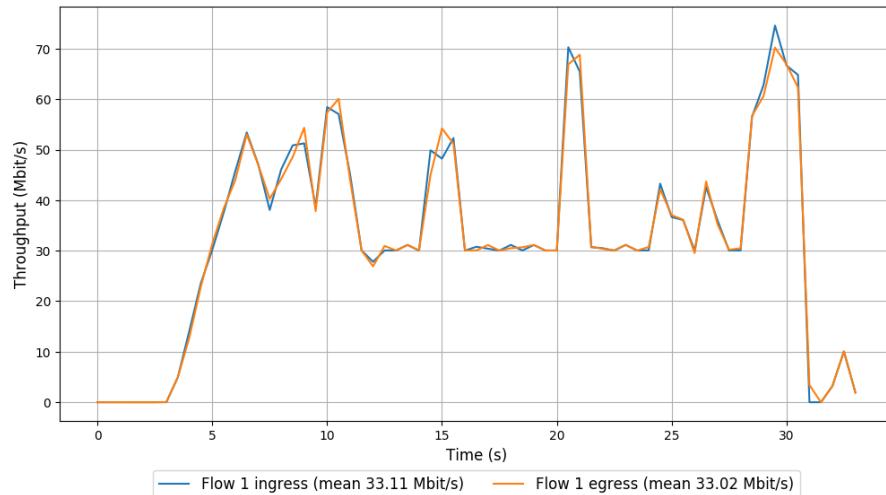


Run 10: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:44:14 +0000
End at: Mon, 19 Jun 2017 23:44:44 +0000
Local clock offset: 6.987 ms
Remote clock offset: -18.003 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 35.836 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 35.836 ms
Loss rate: 0.27%
```

Run 10: Report of LEDBAT — Data Link

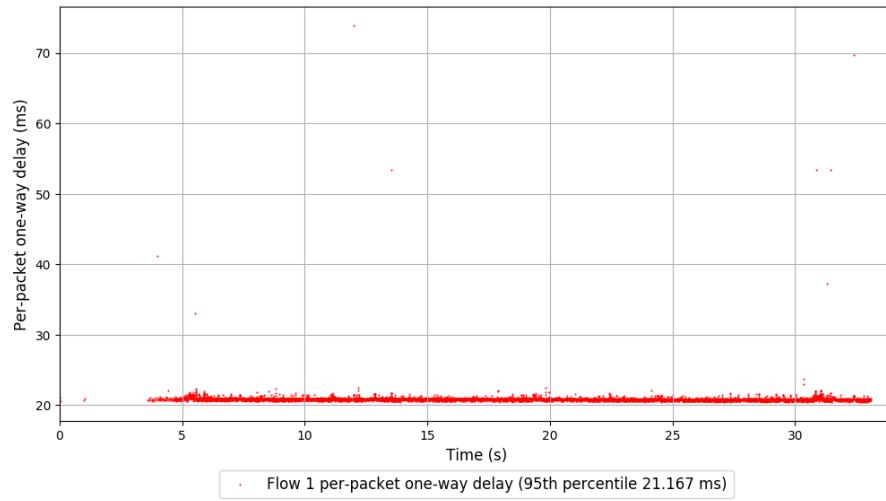
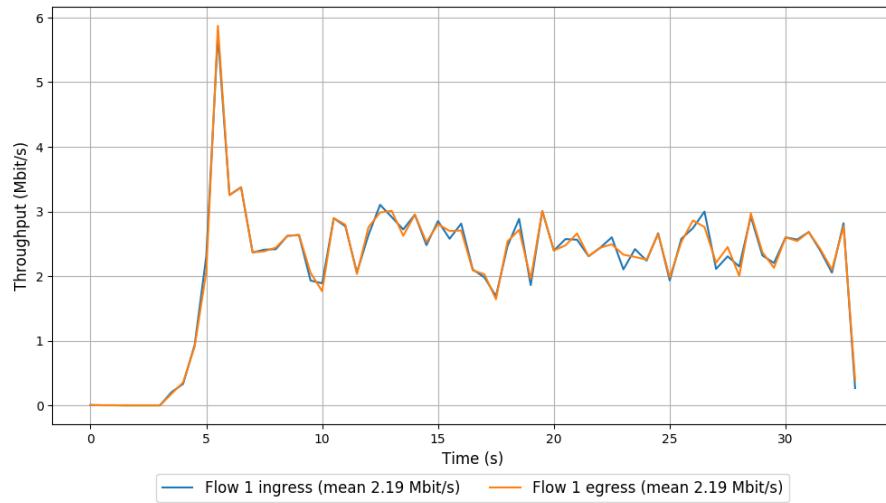


Run 1: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 20:54:13 +0000
End at: Mon, 19 Jun 2017 20:54:43 +0000
Local clock offset: 4.498 ms
Remote clock offset: -20.363 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 21.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 21.167 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

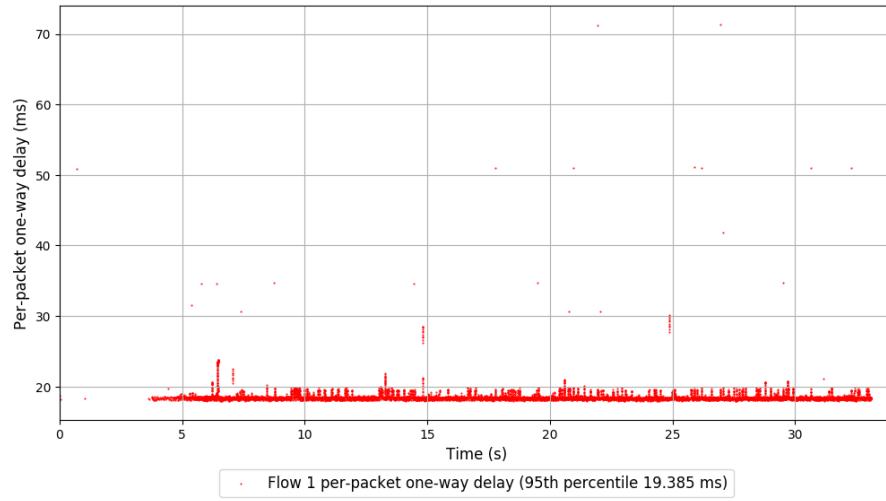
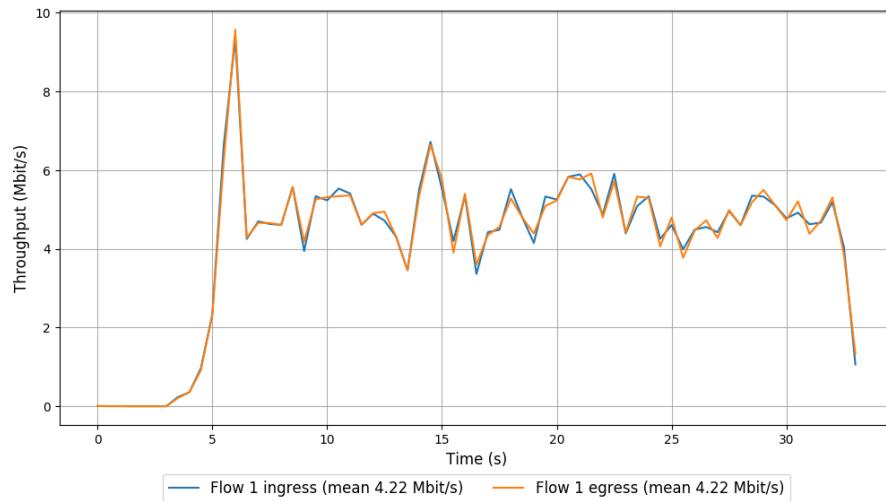


Run 2: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:13:08 +0000
End at: Mon, 19 Jun 2017 21:13:38 +0000
Local clock offset: 5.502 ms
Remote clock offset: -19.353 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 19.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 19.385 ms
Loss rate: 0.00%
```

Run 2: Report of PCC — Data Link

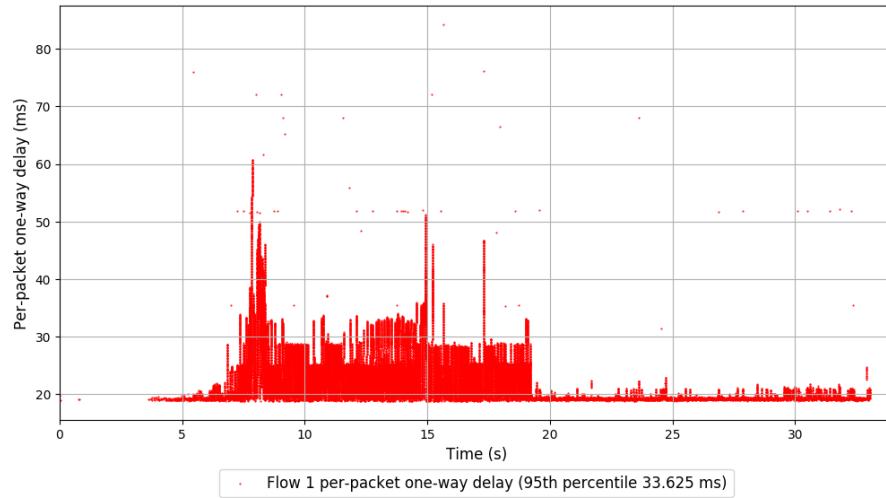
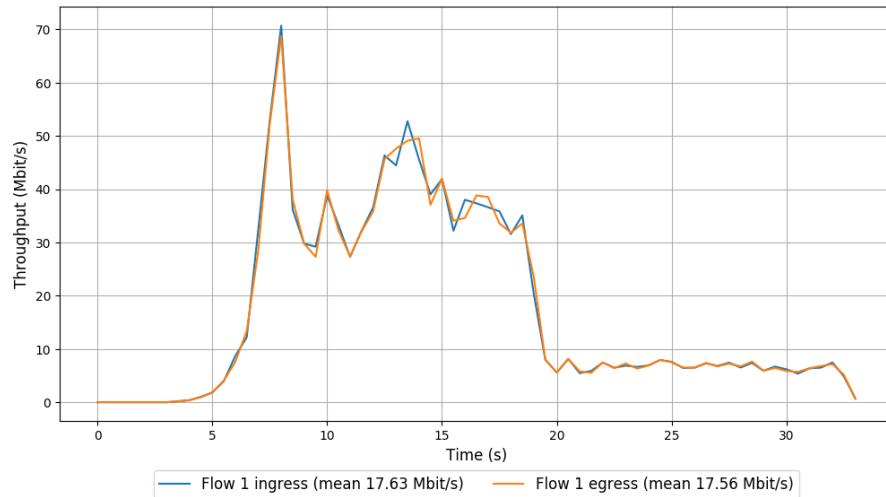


Run 3: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:32:25 +0000
End at: Mon, 19 Jun 2017 21:32:55 +0000
Local clock offset: 2.103 ms
Remote clock offset: -17.765 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.56 Mbit/s
95th percentile per-packet one-way delay: 33.625 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 17.56 Mbit/s
95th percentile per-packet one-way delay: 33.625 ms
Loss rate: 0.40%
```

Run 3: Report of PCC — Data Link

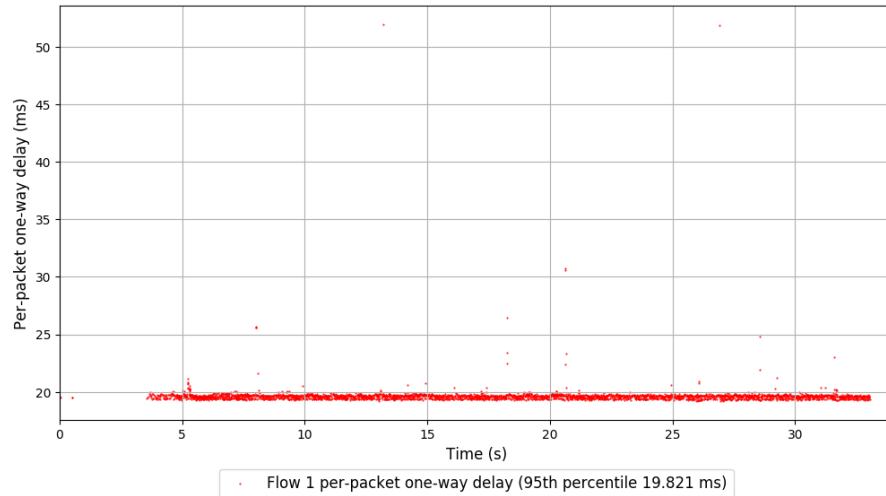
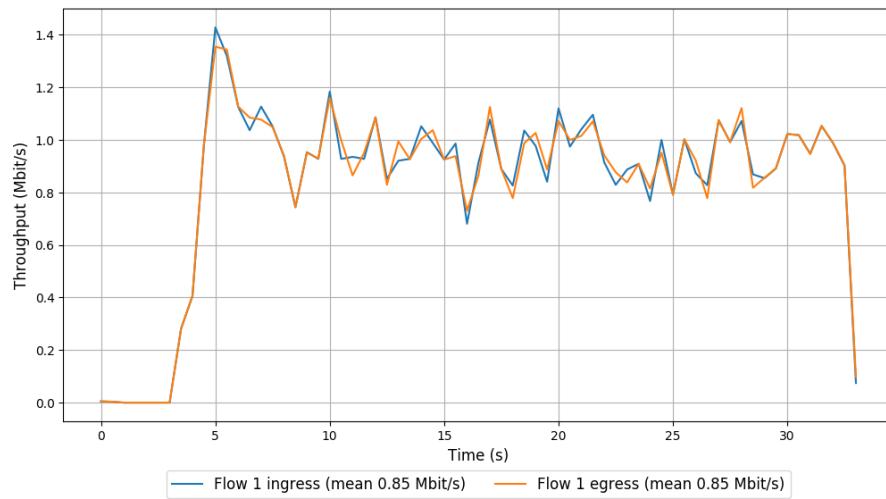


Run 4: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:51:33 +0000
End at: Mon, 19 Jun 2017 21:52:04 +0000
Local clock offset: 9.397 ms
Remote clock offset: -17.119 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 19.821 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 19.821 ms
Loss rate: 0.04%
```

Run 4: Report of PCC — Data Link

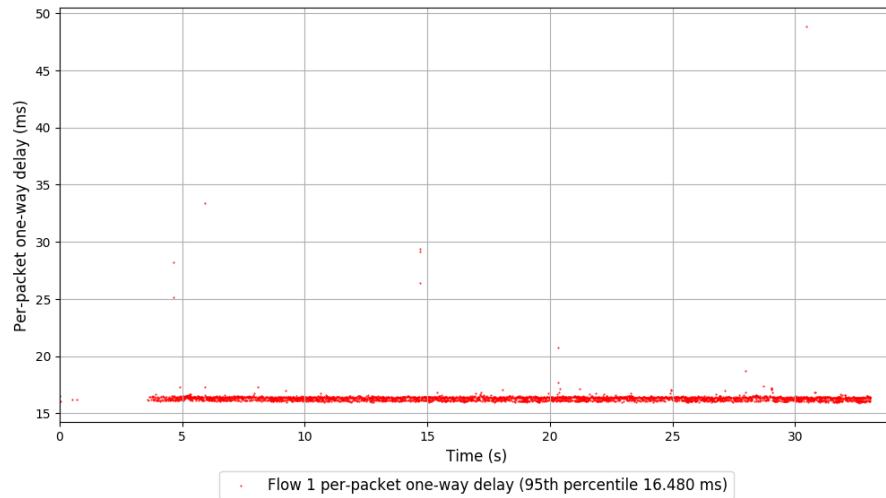
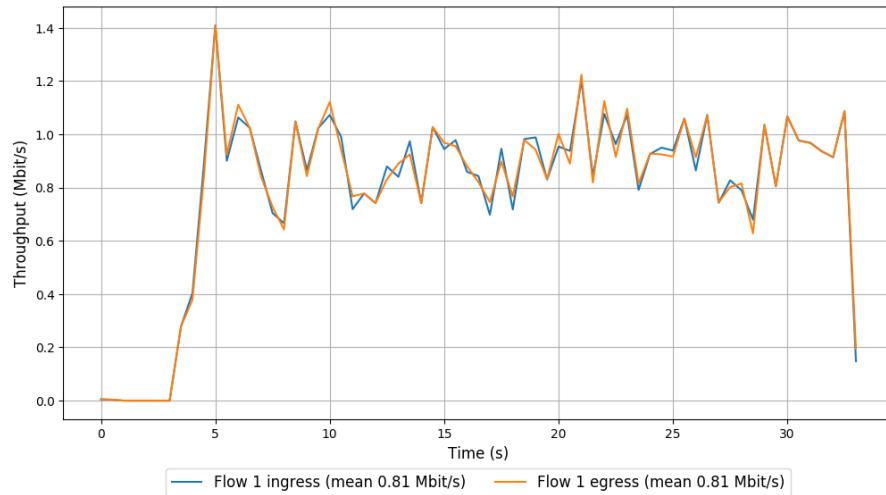


Run 5: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:10:29 +0000
End at: Mon, 19 Jun 2017 22:10:59 +0000
Local clock offset: 4.171 ms
Remote clock offset: -16.942 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:54:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 16.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 16.480 ms
Loss rate: 0.00%
```

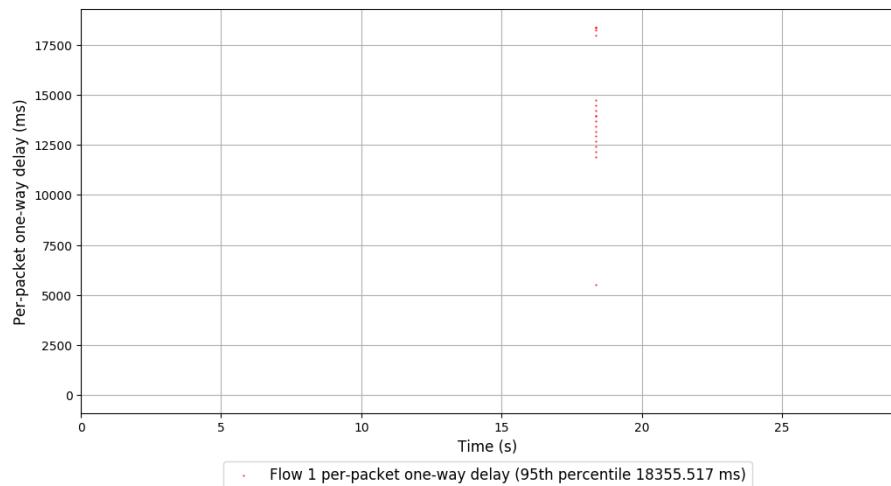
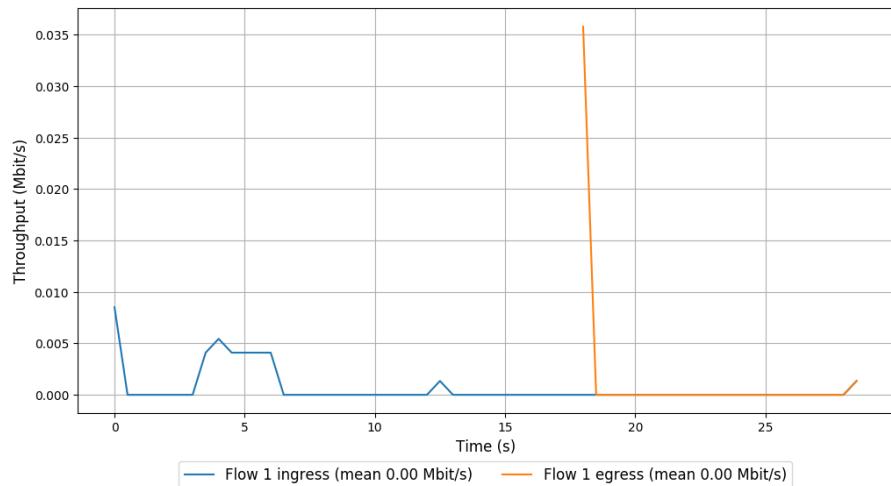
Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Mon, 19 Jun 2017 22:29:29 +0000
End at: Mon, 19 Jun 2017 22:29:59 +0000
Local clock offset: 3.116 ms
Remote clock offset: -18.31 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Mon, 19 Jun 2017 22:48:23 +0000

End at: Mon, 19 Jun 2017 22:48:53 +0000

Local clock offset: 2.542 ms

Remote clock offset: -18.281 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:54:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 13.552 ms

Loss rate: 0.00%

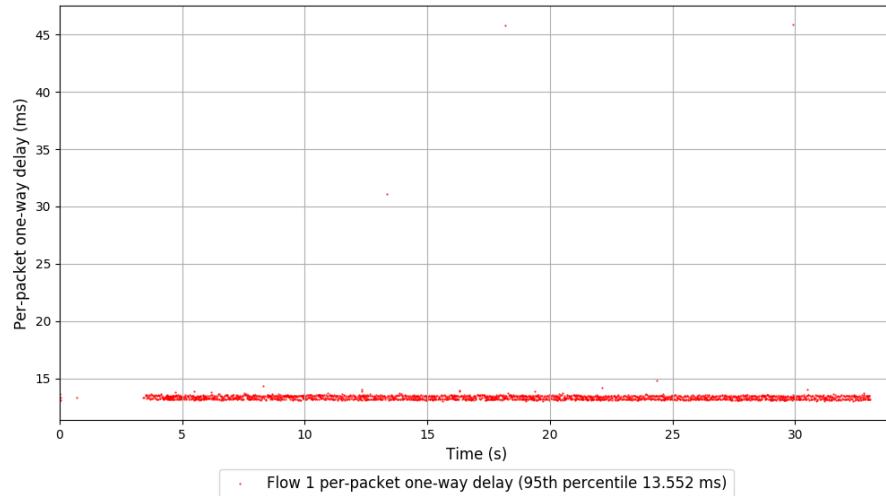
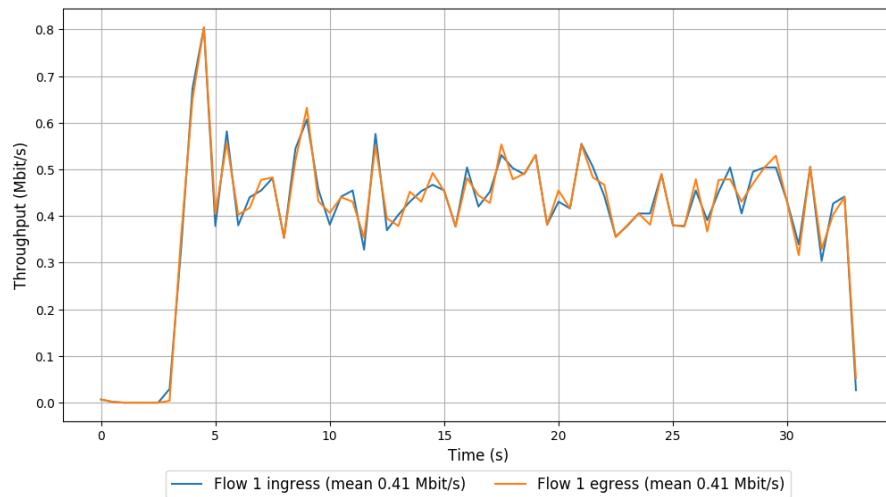
-- Flow 1:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 13.552 ms

Loss rate: 0.00%

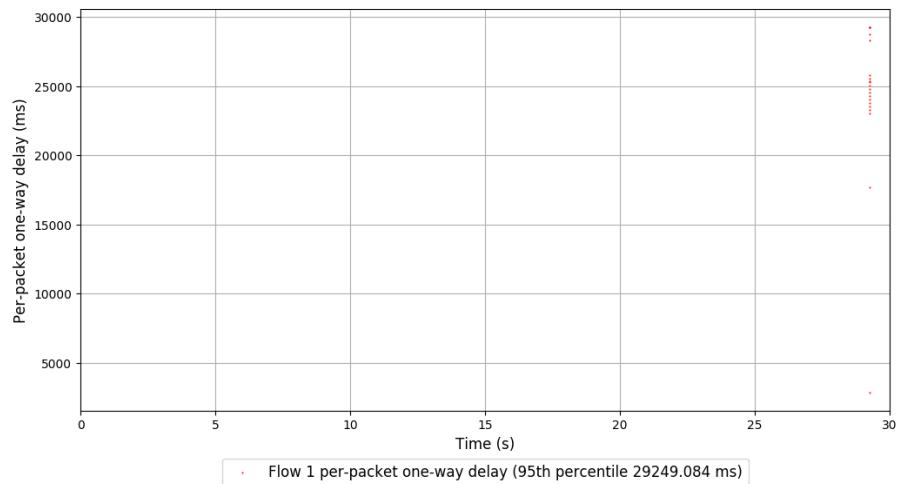
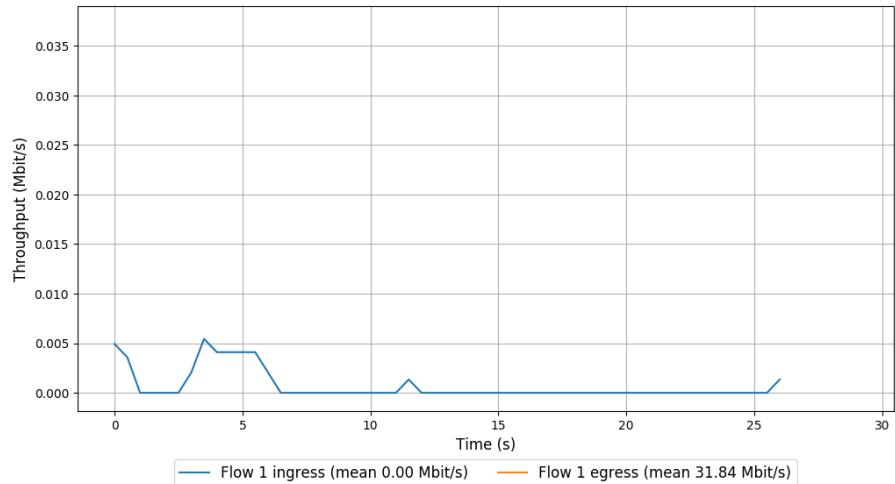
Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Mon, 19 Jun 2017 23:07:28 +0000
End at: Mon, 19 Jun 2017 23:07:58 +0000
Local clock offset: 1.879 ms
Remote clock offset: -17.079 ms

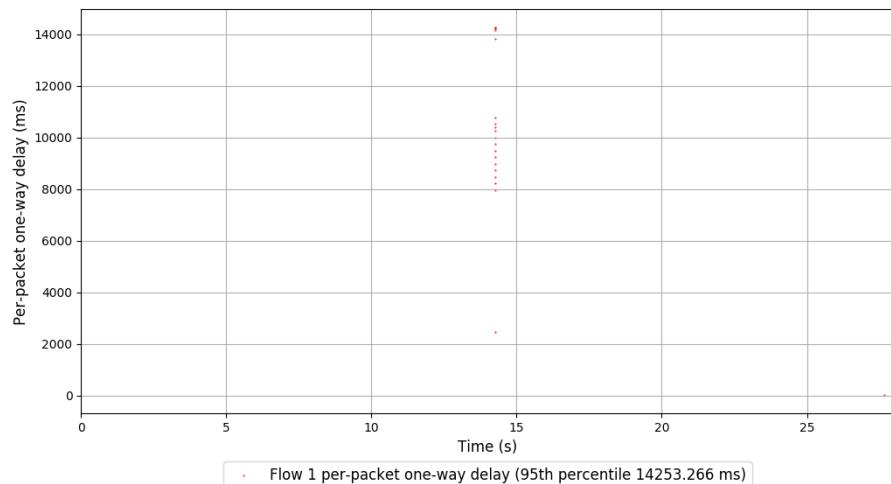
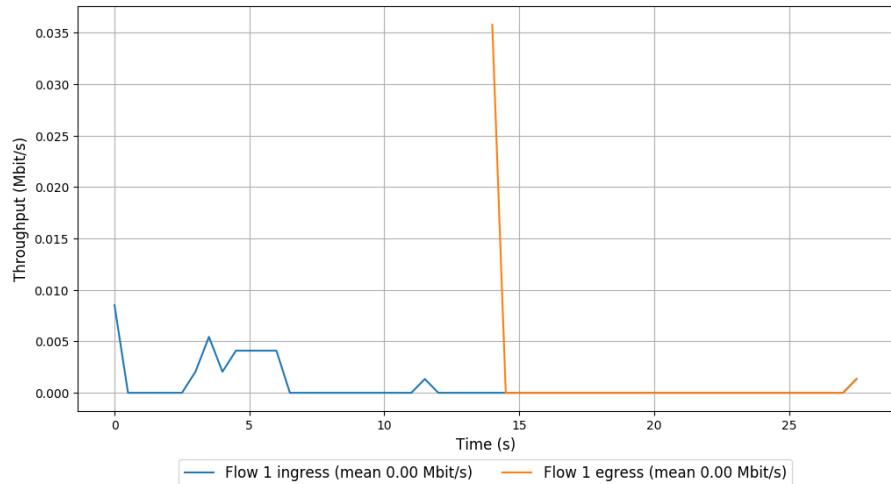
Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Mon, 19 Jun 2017 23:26:35 +0000
End at: Mon, 19 Jun 2017 23:27:05 +0000
Local clock offset: 5.457 ms
Remote clock offset: -16.106 ms

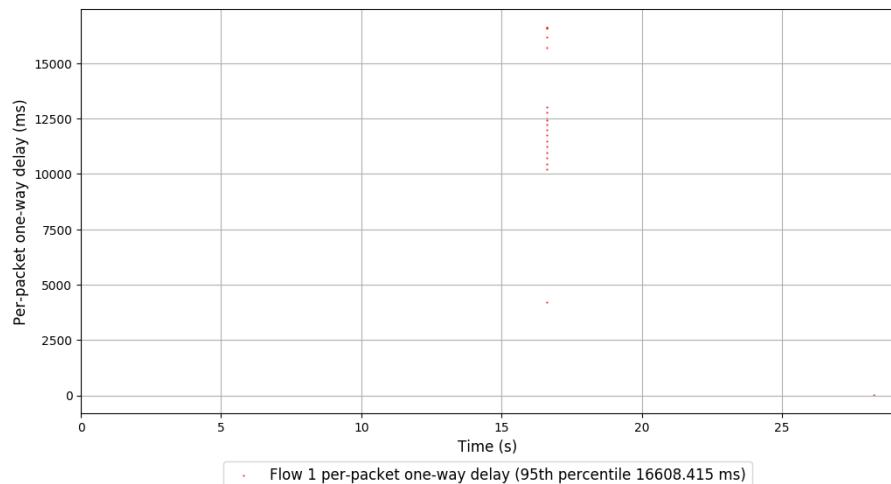
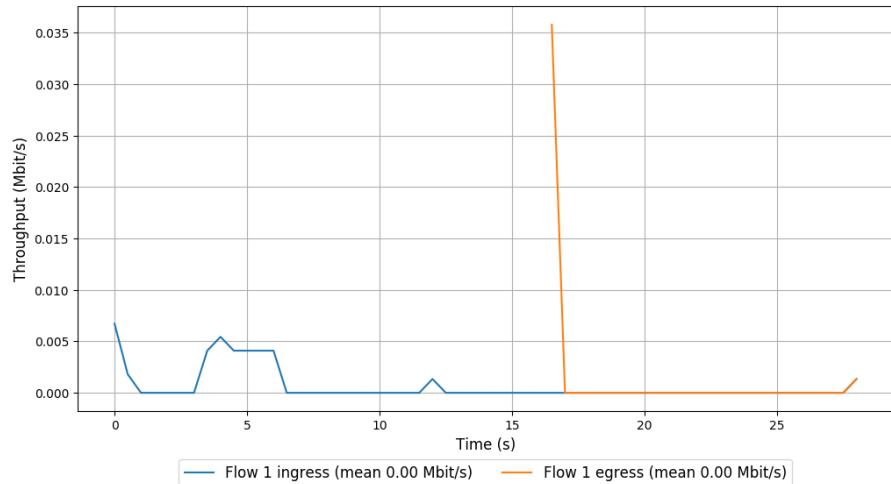
Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Mon, 19 Jun 2017 23:45:37 +0000
End at: Mon, 19 Jun 2017 23:46:07 +0000
Local clock offset: 5.543 ms
Remote clock offset: -18.354 ms

Run 10: Report of PCC — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:04:01 +0000
```

```
End at: Mon, 19 Jun 2017 21:04:31 +0000
```

```
Local clock offset: 6.66 ms
```

```
Remote clock offset: -19.337 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.801 ms
```

```
Loss rate: 0.00%
```

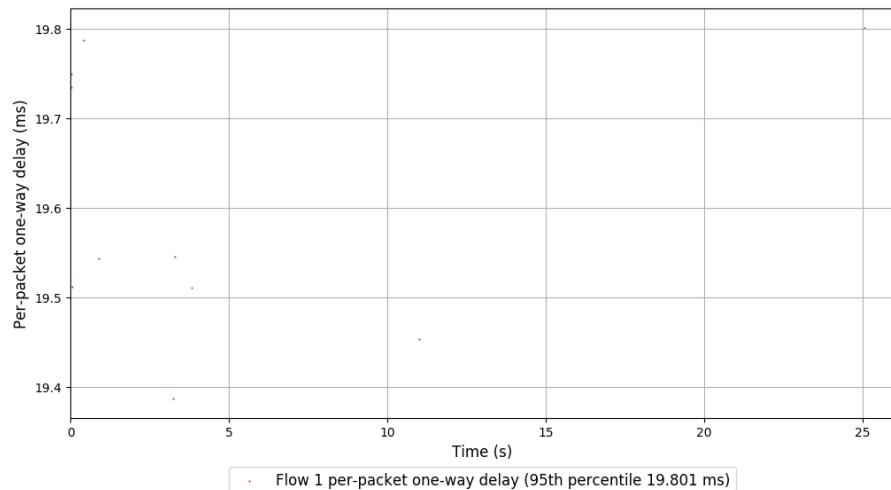
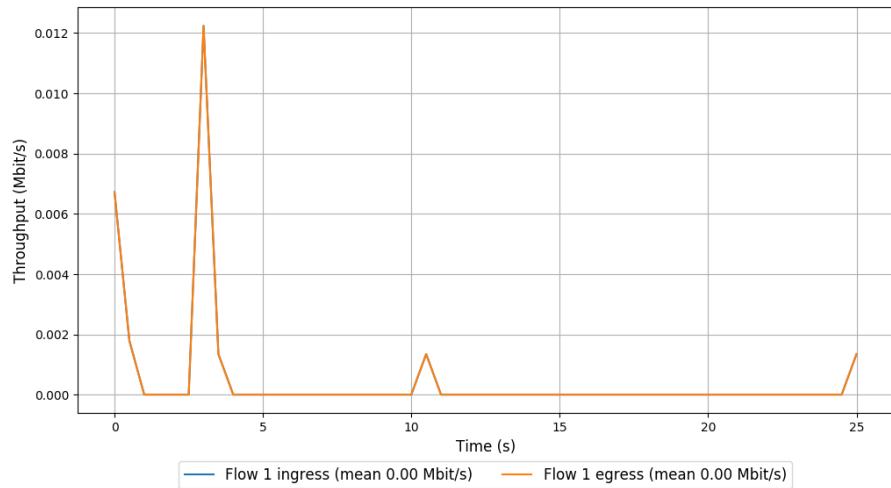
```
-- Flow 1:
```

```
Average throughput: 0.00 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.801 ms
```

```
Loss rate: 0.00%
```

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

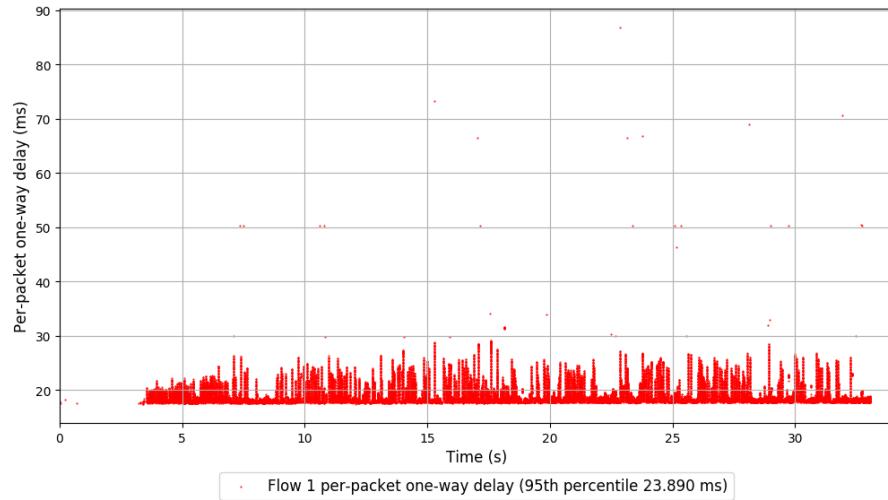
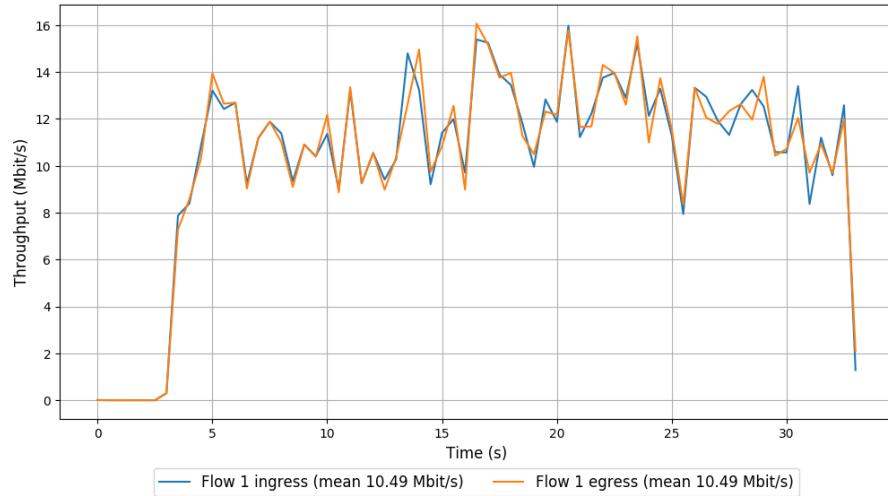


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:23:16 +0000
End at: Mon, 19 Jun 2017 21:23:46 +0000
Local clock offset: 4.902 ms
Remote clock offset: -19.455 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 23.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 23.890 ms
Loss rate: 0.00%
```

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

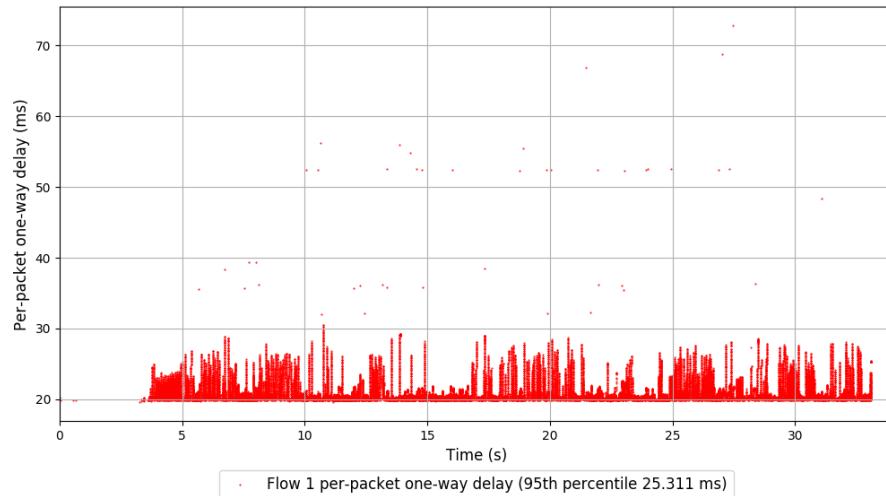
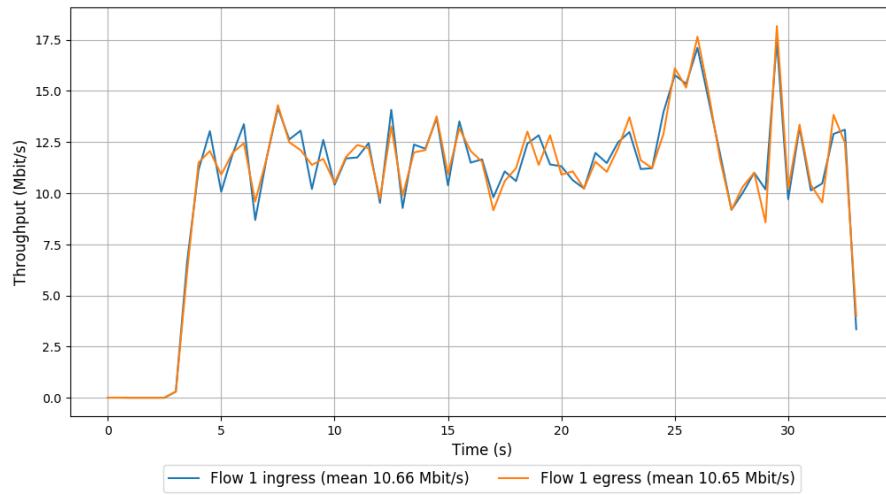


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:42:26 +0000
End at: Mon, 19 Jun 2017 21:42:56 +0000
Local clock offset: 7.266 ms
Remote clock offset: -18.893 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 25.311 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 25.311 ms
Loss rate: 0.00%
```

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

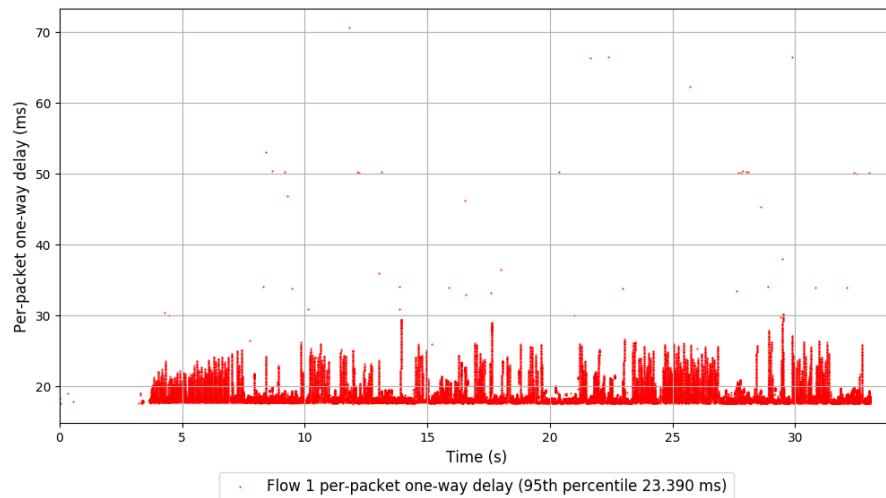
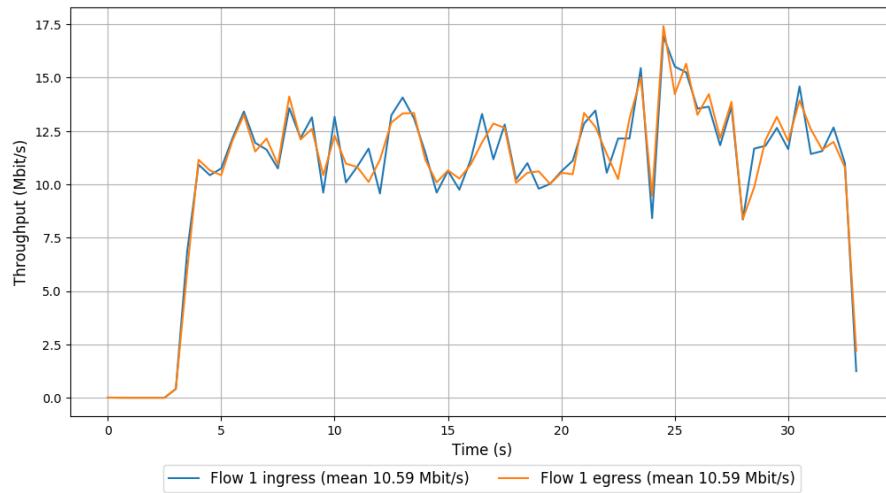


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:01:32 +0000
End at: Mon, 19 Jun 2017 22:02:02 +0000
Local clock offset: 7.182 ms
Remote clock offset: -18.123 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: 23.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: 23.390 ms
Loss rate: 0.00%
```

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

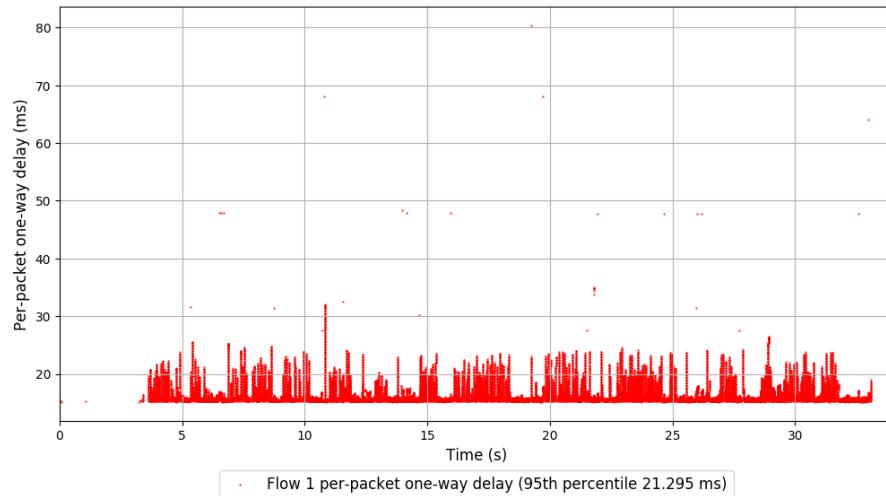
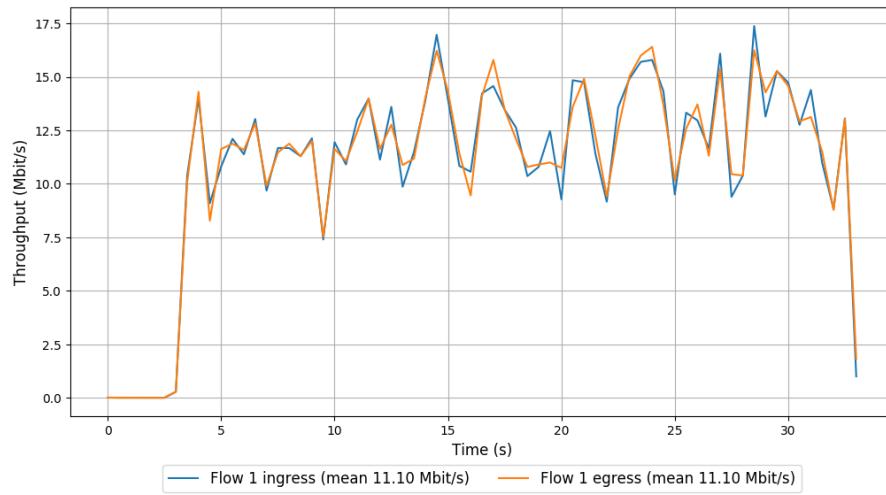


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:20:22 +0000
End at: Mon, 19 Jun 2017 22:20:52 +0000
Local clock offset: 2.542 ms
Remote clock offset: -17.161 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.00%
```

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

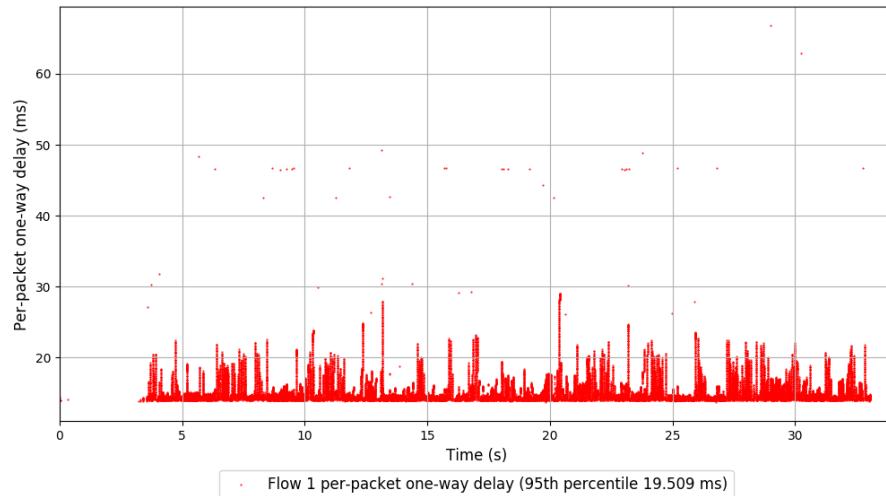
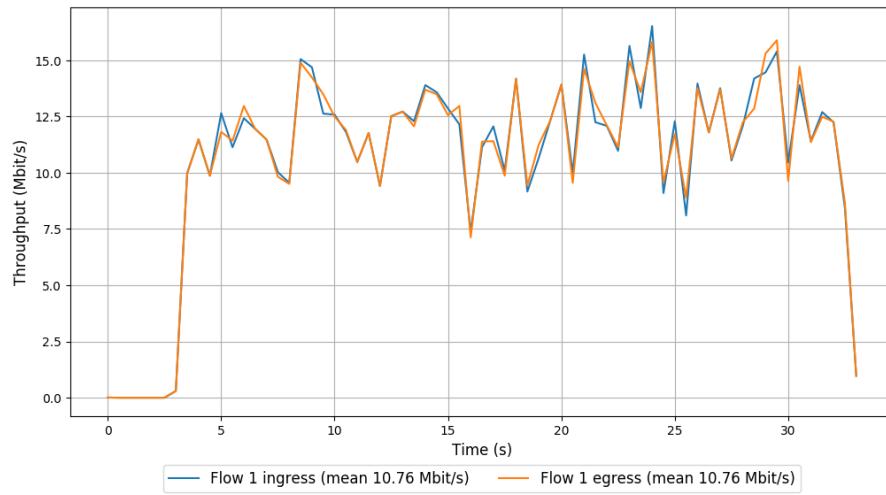


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:39:21 +0000
End at: Mon, 19 Jun 2017 22:39:52 +0000
Local clock offset: 4.331 ms
Remote clock offset: -17.255 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:55:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 19.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 19.509 ms
Loss rate: 0.00%
```

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

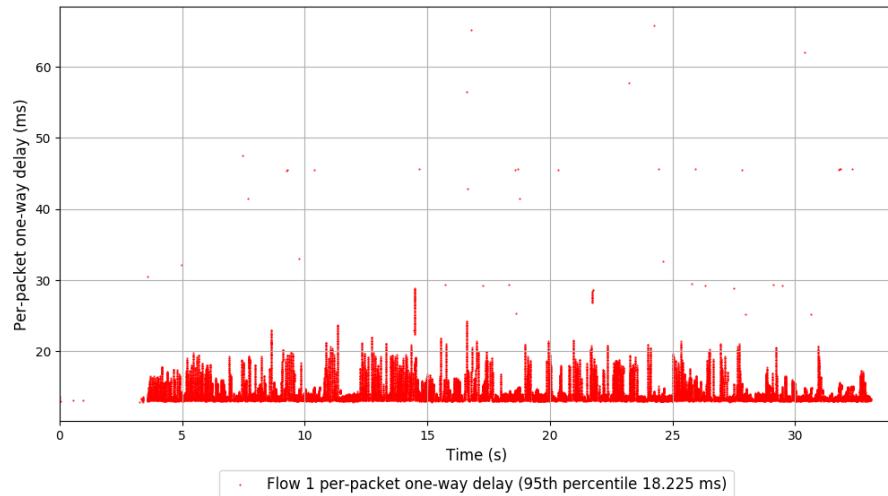
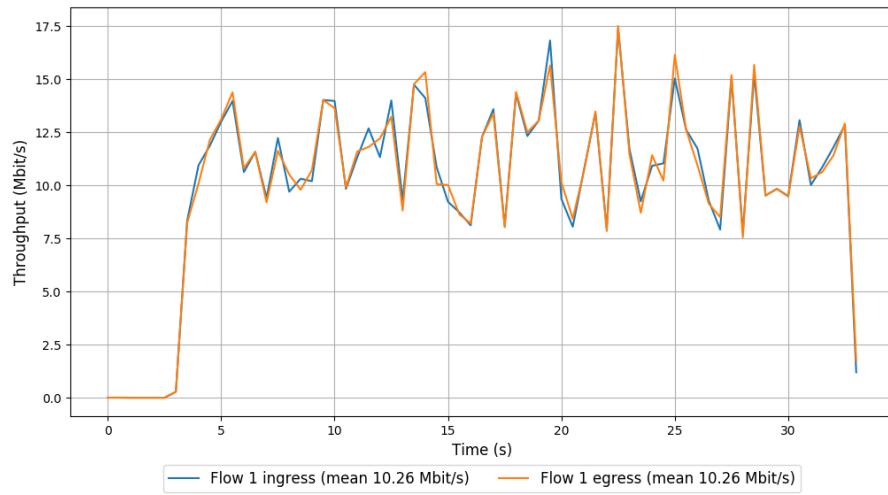


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:58:21 +0000
End at: Mon, 19 Jun 2017 22:58:51 +0000
Local clock offset: -0.425 ms
Remote clock offset: -16.152 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 18.225 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 18.225 ms
Loss rate: 0.00%
```

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

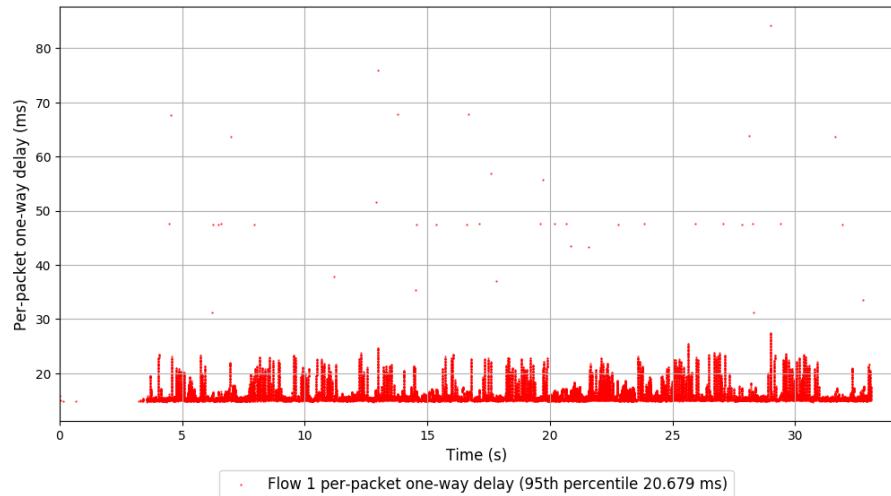
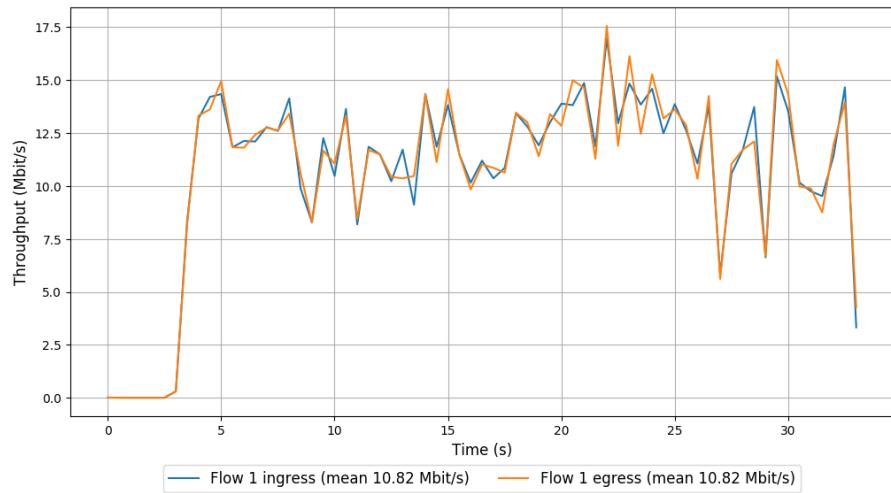


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:17:27 +0000
End at: Mon, 19 Jun 2017 23:17:57 +0000
Local clock offset: 1.664 ms
Remote clock offset: -16.758 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 20.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 20.679 ms
Loss rate: 0.00%
```

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

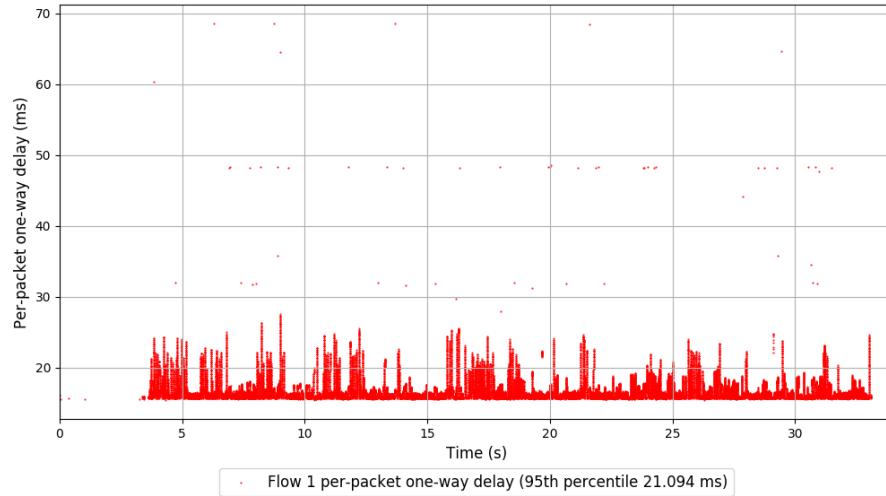
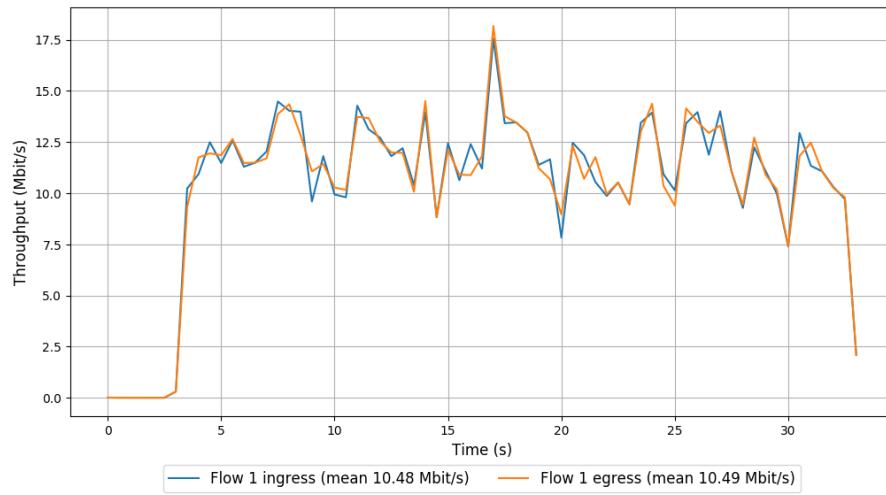


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:36:34 +0000
End at: Mon, 19 Jun 2017 23:37:04 +0000
Local clock offset: 3.952 ms
Remote clock offset: -17.048 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 21.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 21.094 ms
Loss rate: 0.00%
```

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



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

```
Start at: Mon, 19 Jun 2017 23:55:36 +0000
```

```
End at: Mon, 19 Jun 2017 23:56:06 +0000
```

```
Local clock offset: 6.135 ms
```

```
Remote clock offset: -17.556 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 10.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.169 ms
```

```
Loss rate: 0.00%
```

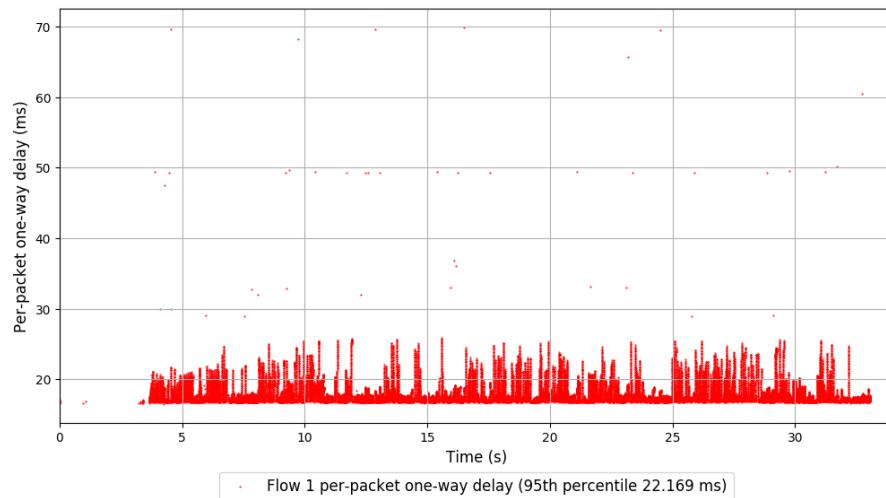
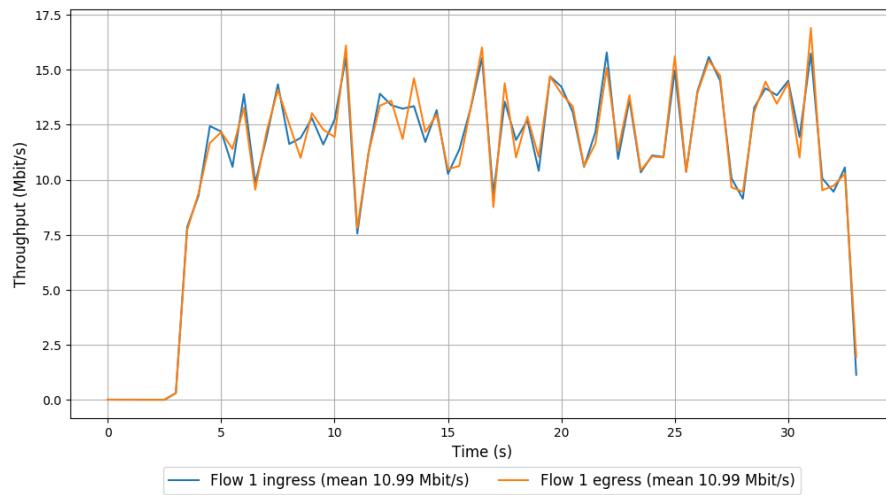
```
-- Flow 1:
```

```
Average throughput: 10.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.169 ms
```

```
Loss rate: 0.00%
```

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

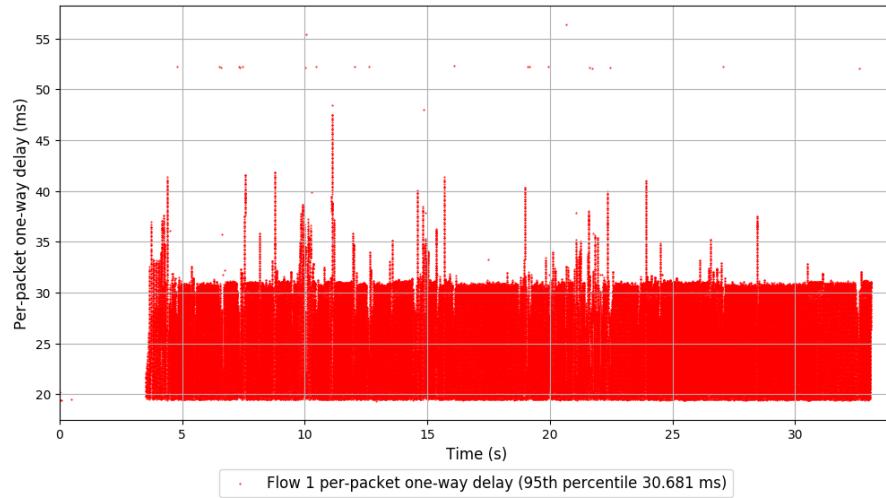
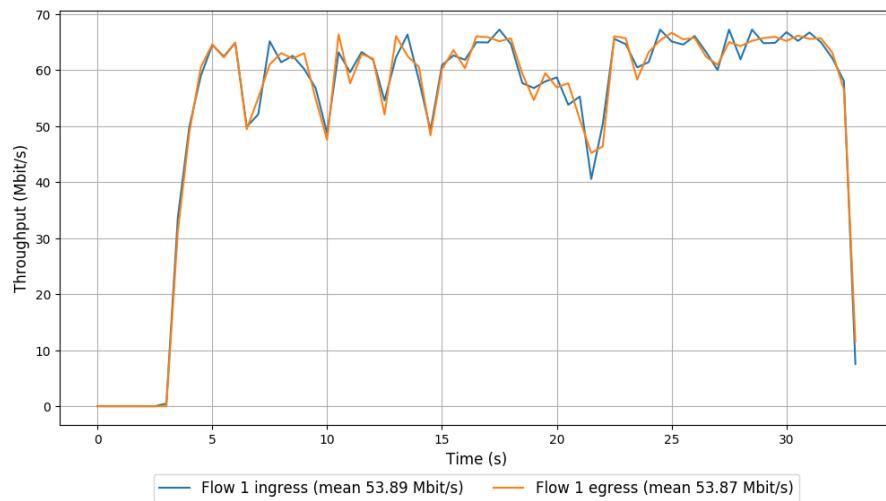


Run 1: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:01:21 +0000
End at: Mon, 19 Jun 2017 21:01:51 +0000
Local clock offset: 4.991 ms
Remote clock offset: -20.391 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 30.681 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 30.681 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

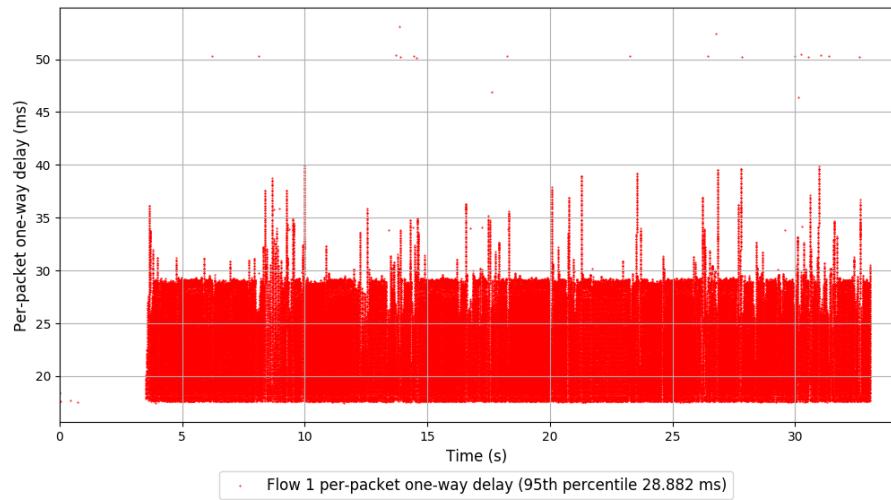
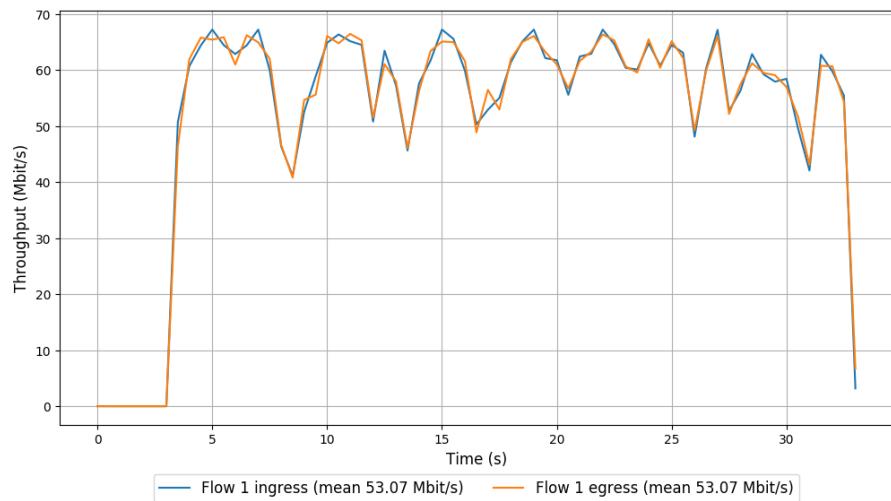


Run 2: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:20:33 +0000
End at: Mon, 19 Jun 2017 21:21:03 +0000
Local clock offset: 5.389 ms
Remote clock offset: -19.942 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:56:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 28.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 28.882 ms
Loss rate: 0.00%
```

Run 2: Report of Saturator — Data Link

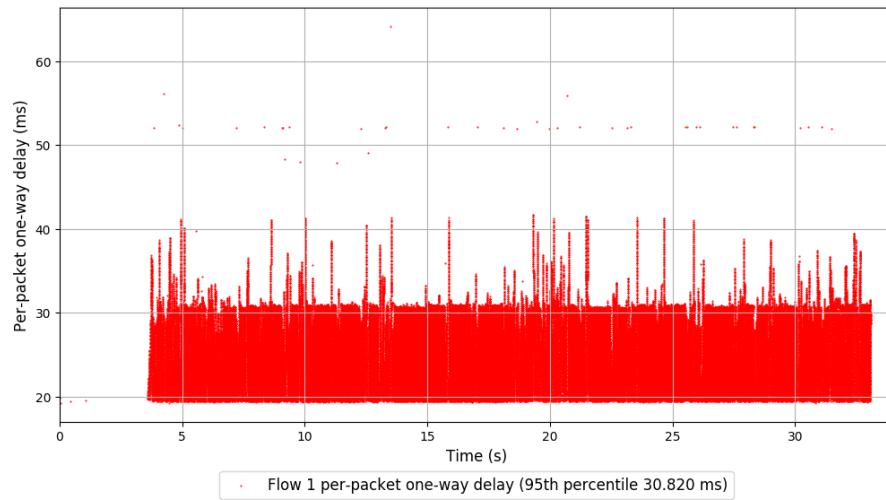
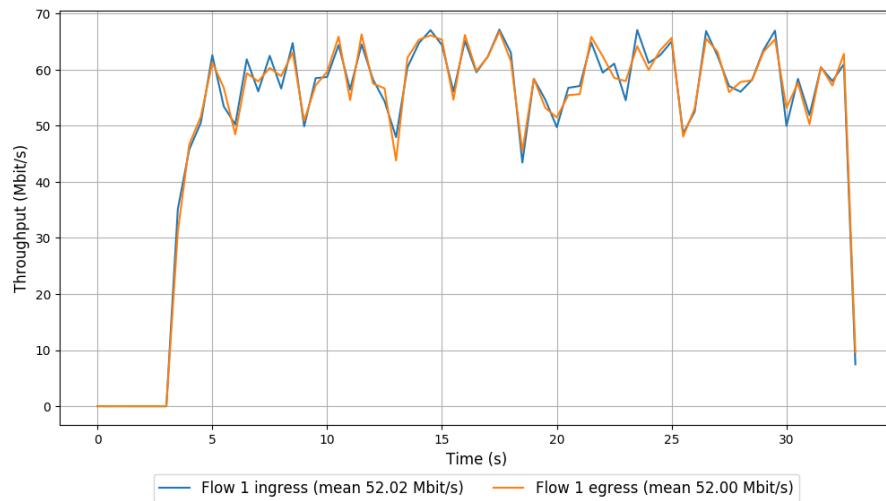


Run 3: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:39:45 +0000
End at: Mon, 19 Jun 2017 21:40:15 +0000
Local clock offset: 4.842 ms
Remote clock offset: -17.686 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:57:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 30.820 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 30.820 ms
Loss rate: 0.01%
```

Run 3: Report of Saturator — Data Link

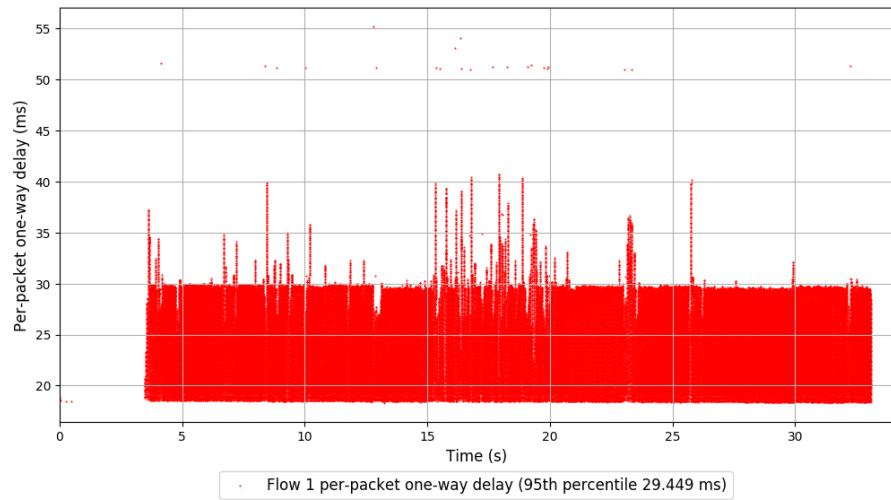
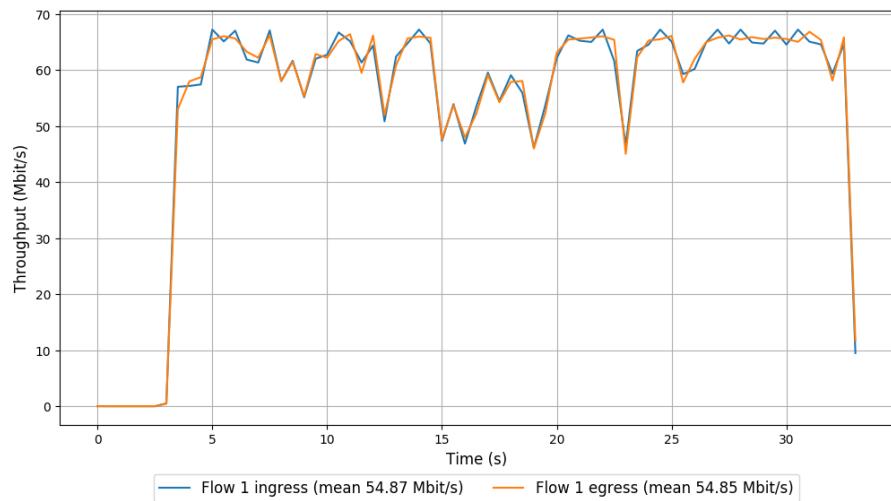


Run 4: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:58:49 +0000
End at: Mon, 19 Jun 2017 21:59:19 +0000
Local clock offset: -2.202 ms
Remote clock offset: -17.431 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:57:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.85 Mbit/s
95th percentile per-packet one-way delay: 29.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.85 Mbit/s
95th percentile per-packet one-way delay: 29.449 ms
Loss rate: 0.00%
```

Run 4: Report of Saturator — Data Link

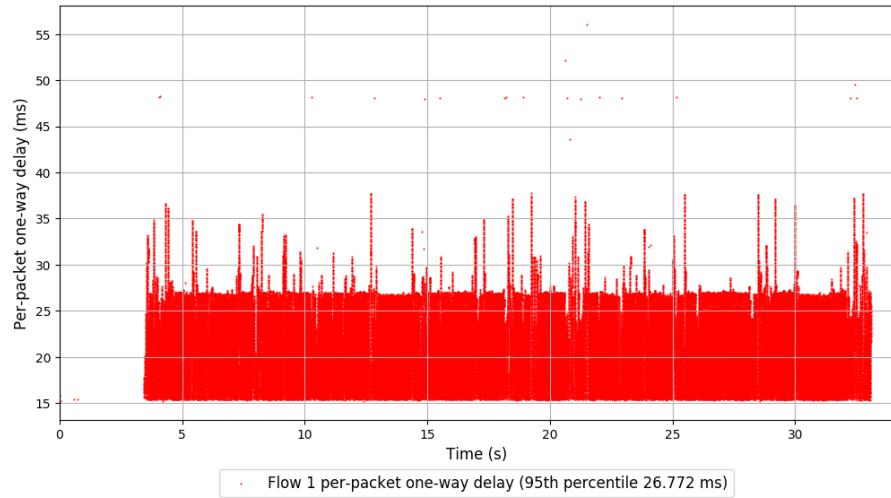
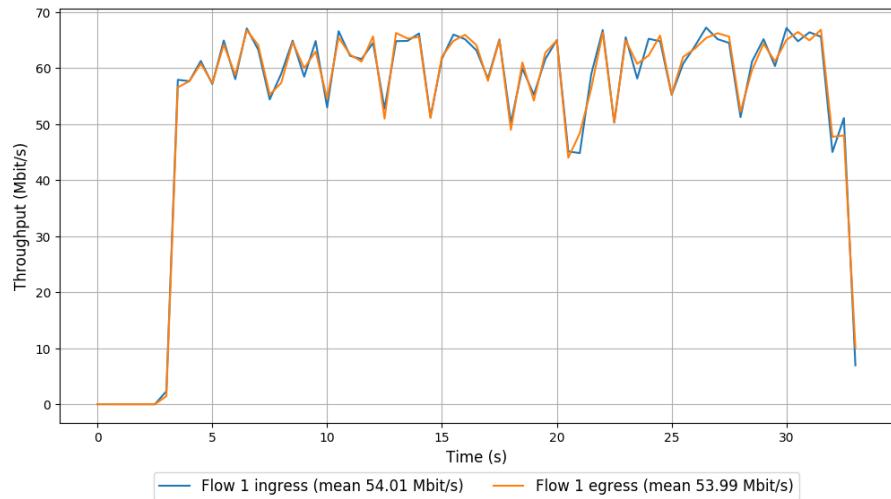


Run 5: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:17:40 +0000
End at: Mon, 19 Jun 2017 22:18:10 +0000
Local clock offset: 3.386 ms
Remote clock offset: -17.333 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:58:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.99 Mbit/s
95th percentile per-packet one-way delay: 26.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.99 Mbit/s
95th percentile per-packet one-way delay: 26.772 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

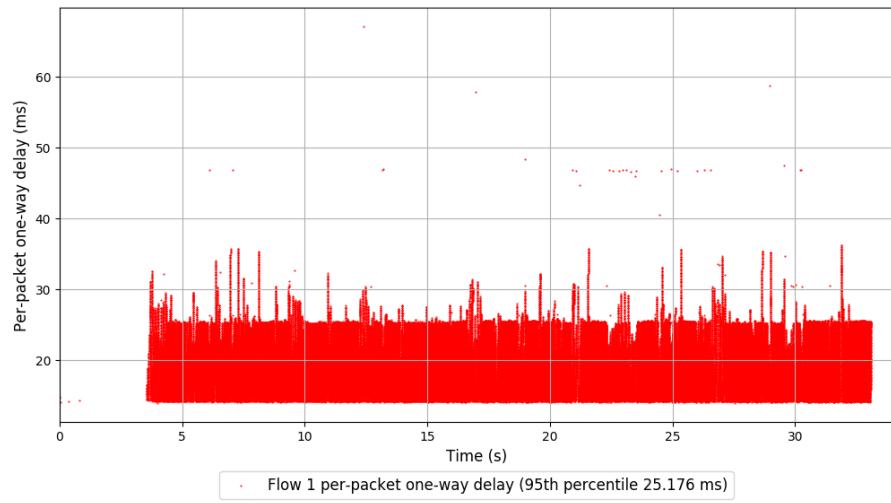
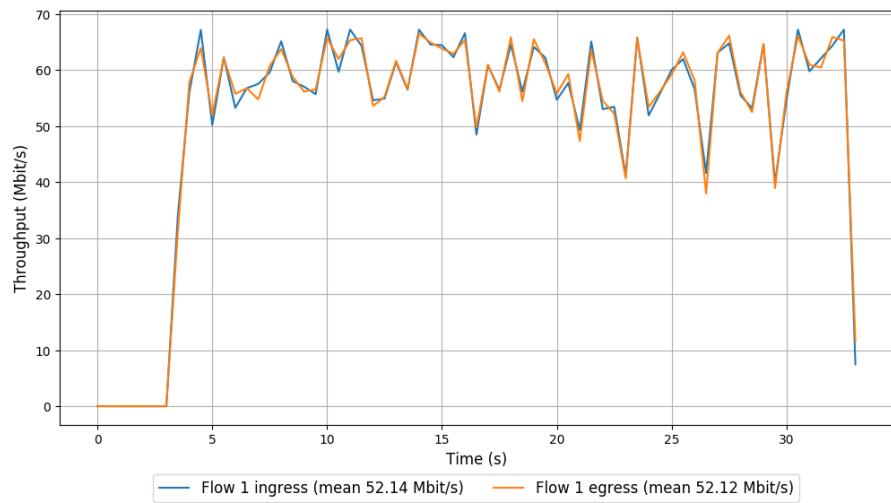


Run 6: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:36:41 +0000
End at: Mon, 19 Jun 2017 22:37:11 +0000
Local clock offset: 4.882 ms
Remote clock offset: -17.31 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:58:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.12 Mbit/s
95th percentile per-packet one-way delay: 25.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.12 Mbit/s
95th percentile per-packet one-way delay: 25.176 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link

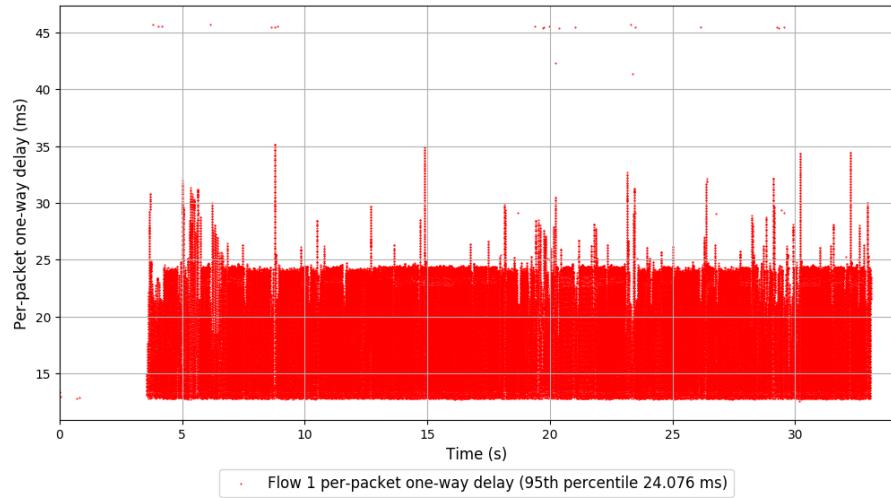
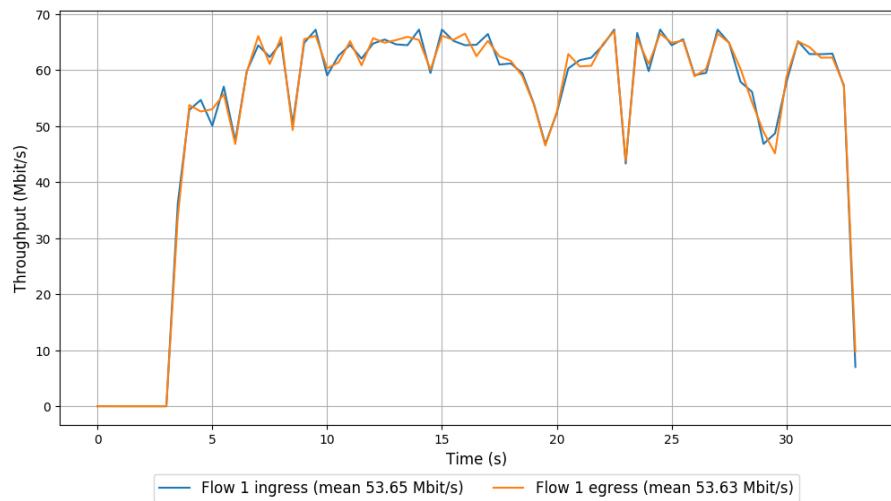


Run 7: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:55:39 +0000
End at: Mon, 19 Jun 2017 22:56:09 +0000
Local clock offset: -6.297 ms
Remote clock offset: -15.99 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 24.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 24.076 ms
Loss rate: 0.00%
```

Run 7: Report of Saturator — Data Link

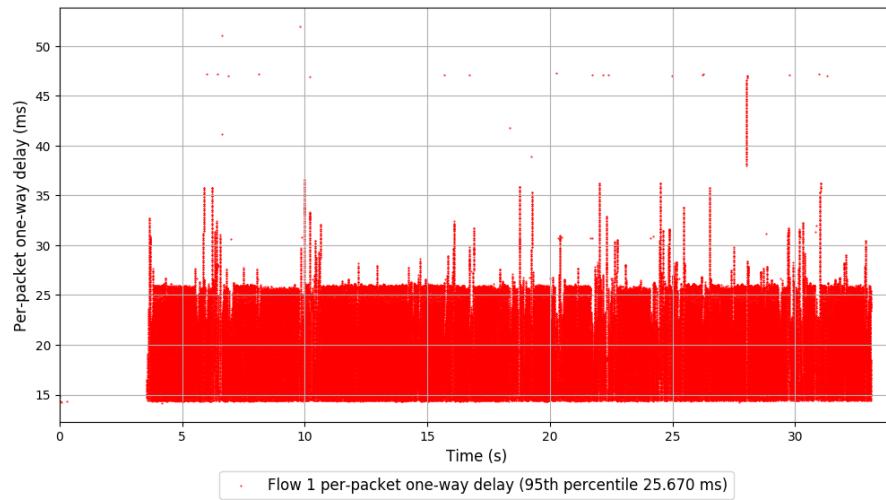
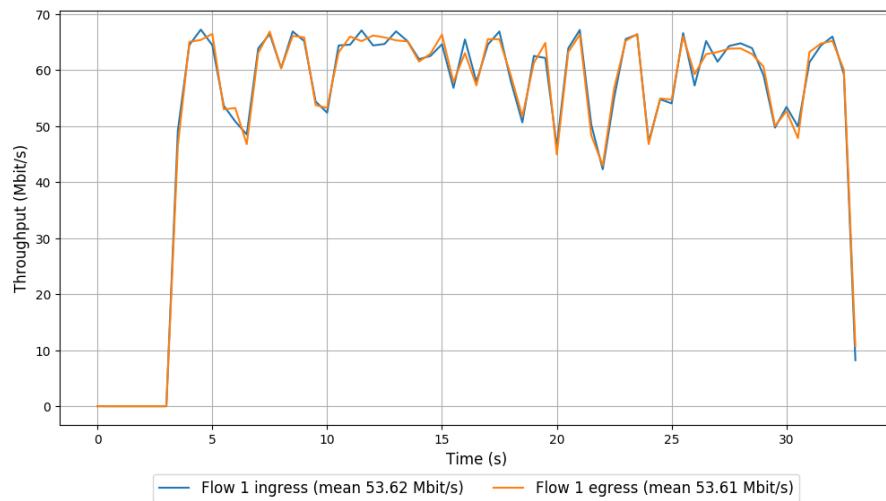


Run 8: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:14:46 +0000
End at: Mon, 19 Jun 2017 23:15:16 +0000
Local clock offset: 5.651 ms
Remote clock offset: -17.053 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.61 Mbit/s
95th percentile per-packet one-way delay: 25.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.61 Mbit/s
95th percentile per-packet one-way delay: 25.670 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

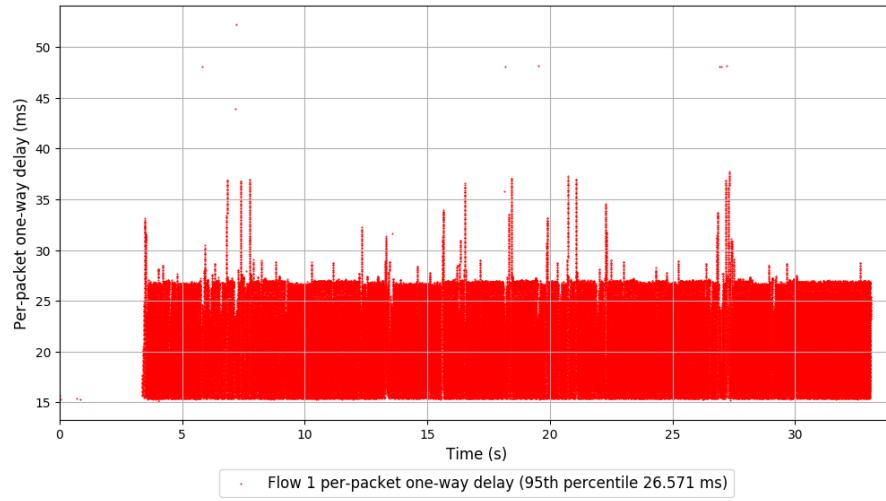
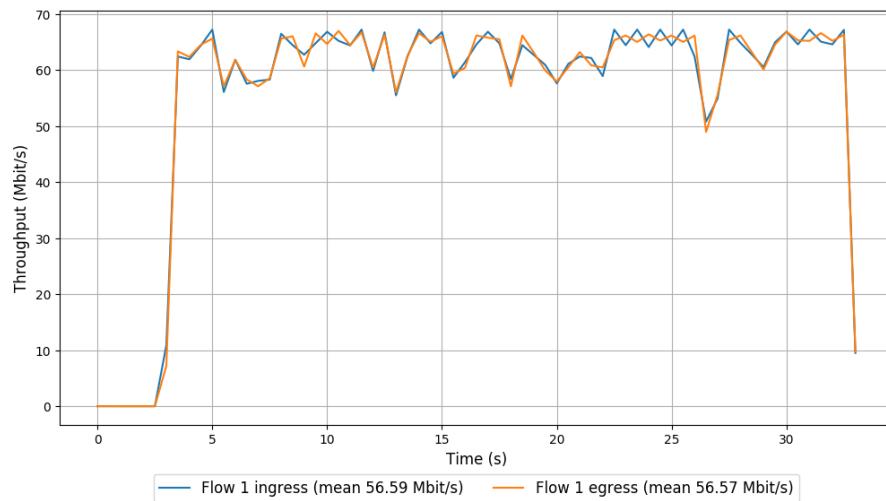


Run 9: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:33:51 +0000
End at: Mon, 19 Jun 2017 23:34:21 +0000
Local clock offset: 1.974 ms
Remote clock offset: -17.994 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 26.571 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 26.571 ms
Loss rate: 0.07%
```

Run 9: Report of Saturator — Data Link

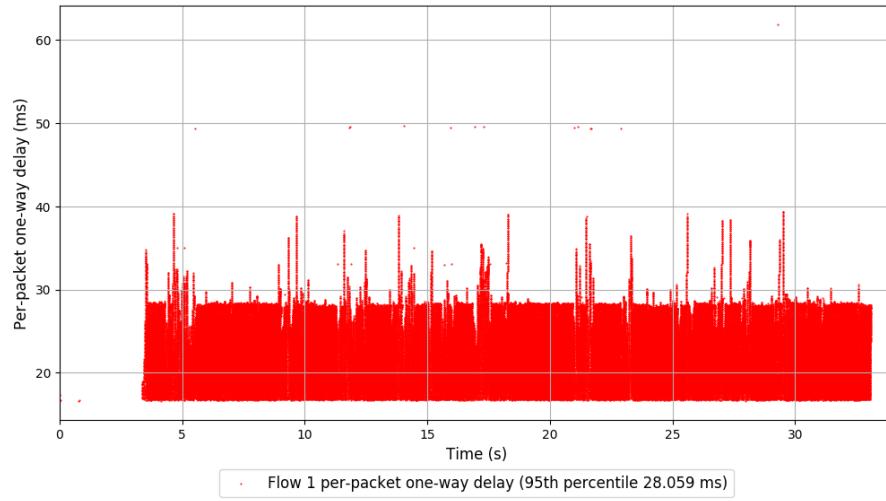
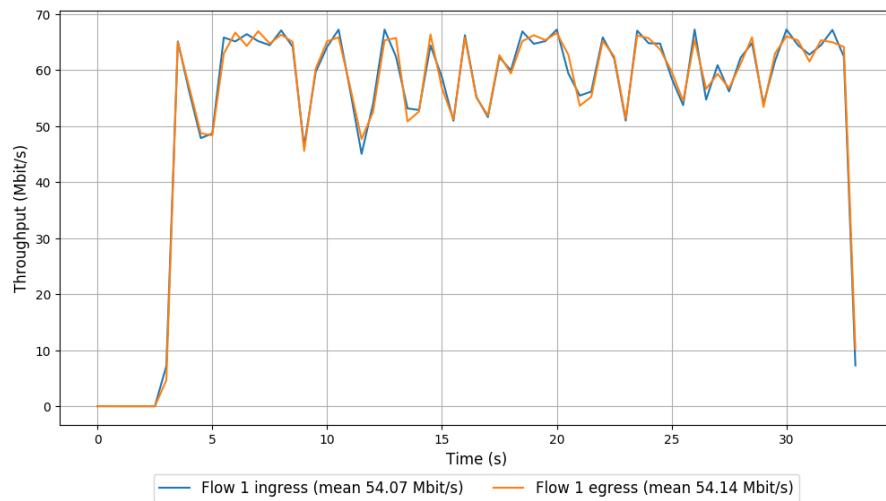


Run 10: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:52:54 +0000
End at: Mon, 19 Jun 2017 23:53:24 +0000
Local clock offset: 7.951 ms
Remote clock offset: -18.994 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 28.059 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 28.059 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

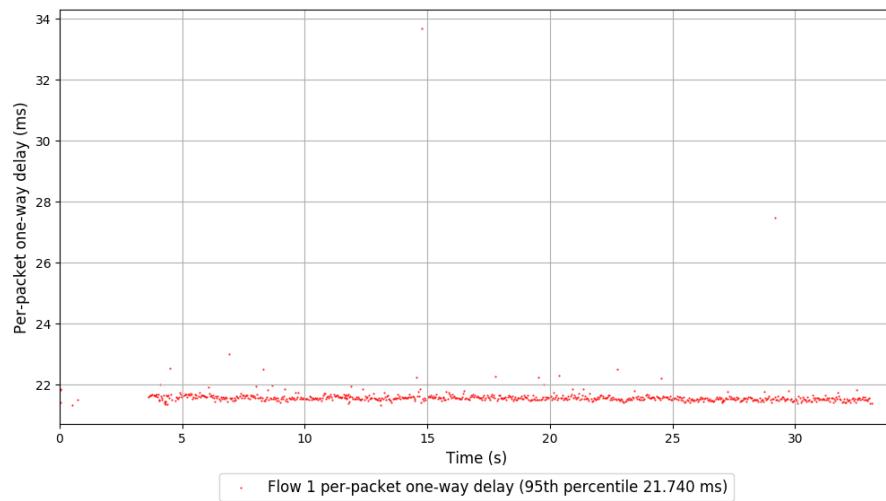
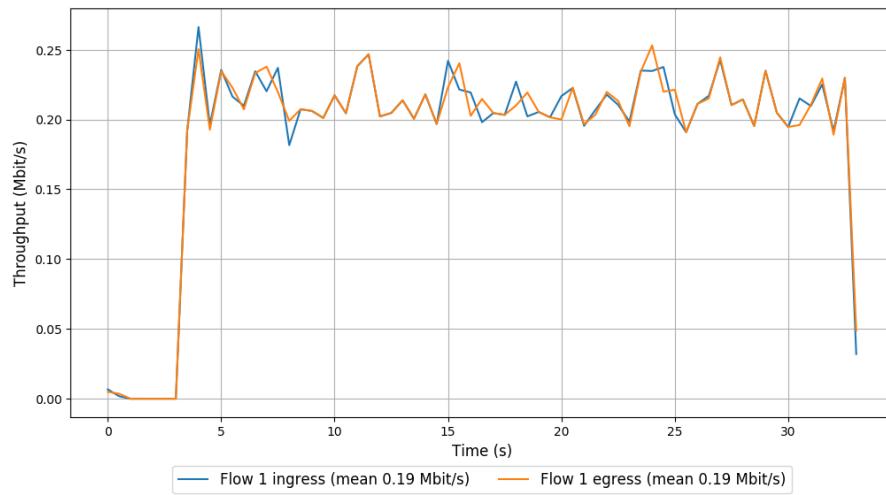


Run 1: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 20:51:44 +0000
End at: Mon, 19 Jun 2017 20:52:14 +0000
Local clock offset: 8.304 ms
Remote clock offset: -19.444 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 21.740 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

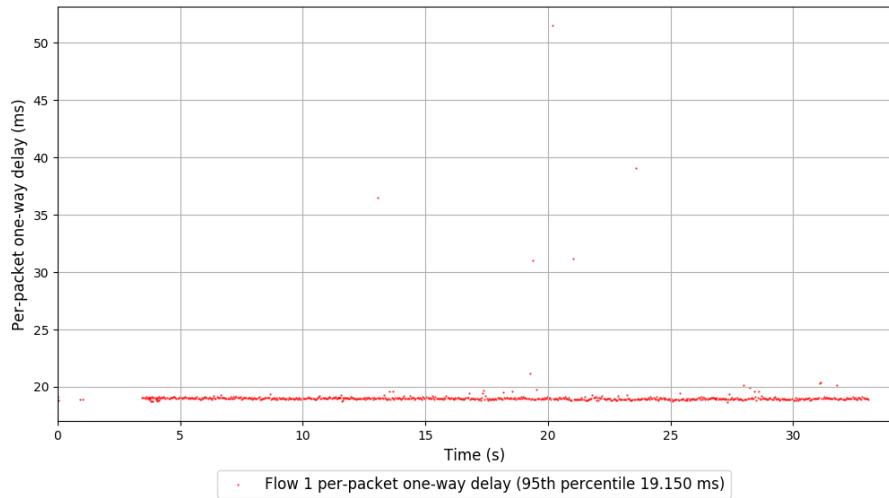
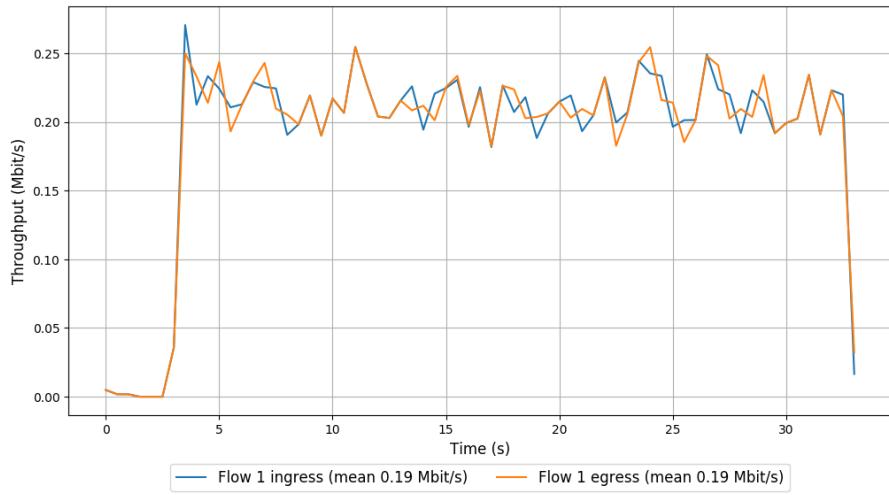


Run 2: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:10:35 +0000
End at: Mon, 19 Jun 2017 21:11:05 +0000
Local clock offset: 4.392 ms
Remote clock offset: -18.169 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.150 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

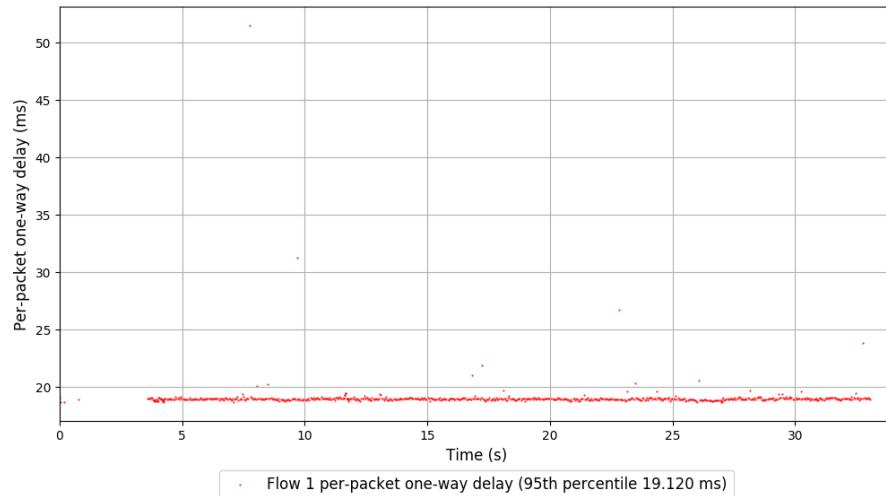
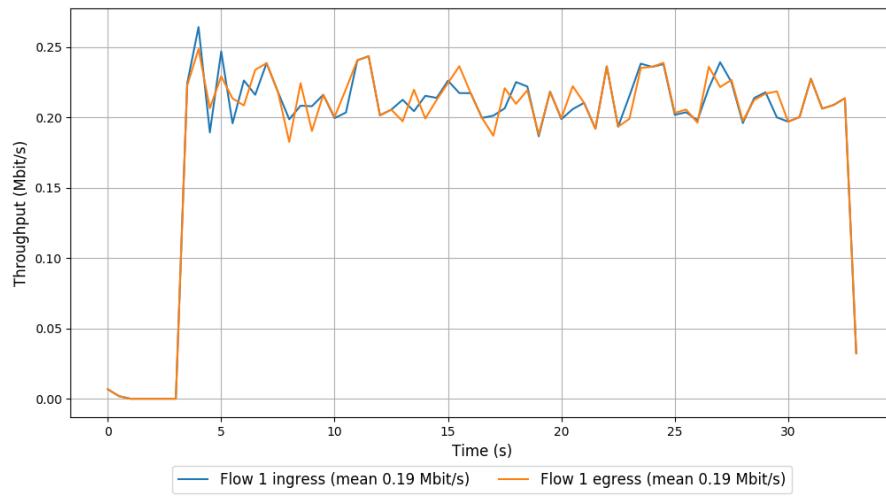


Run 3: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:29:53 +0000
End at: Mon, 19 Jun 2017 21:30:23 +0000
Local clock offset: 7.313 ms
Remote clock offset: -18.651 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.120 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

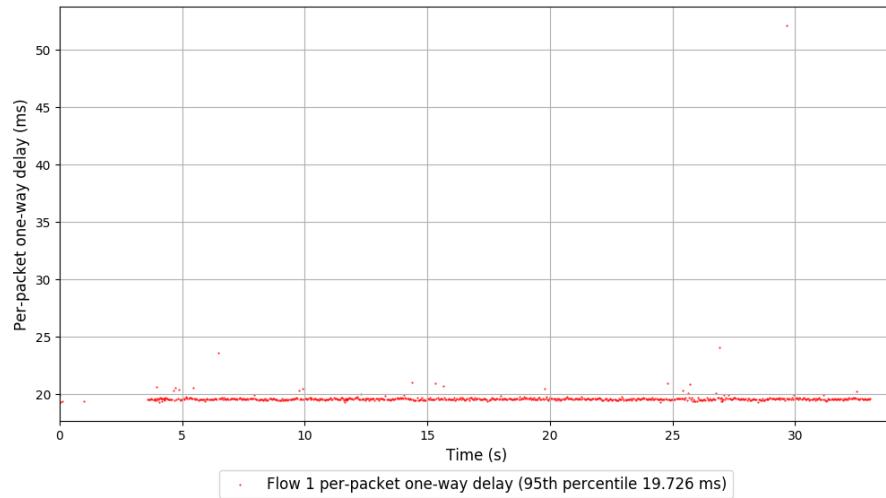
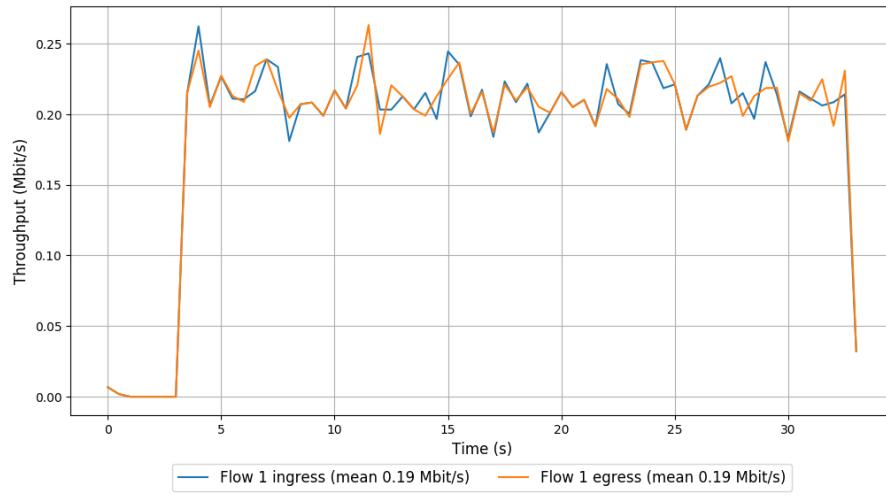


Run 4: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:49:00 +0000
End at: Mon, 19 Jun 2017 21:49:30 +0000
Local clock offset: 6.077 ms
Remote clock offset: -18.674 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 19.726 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

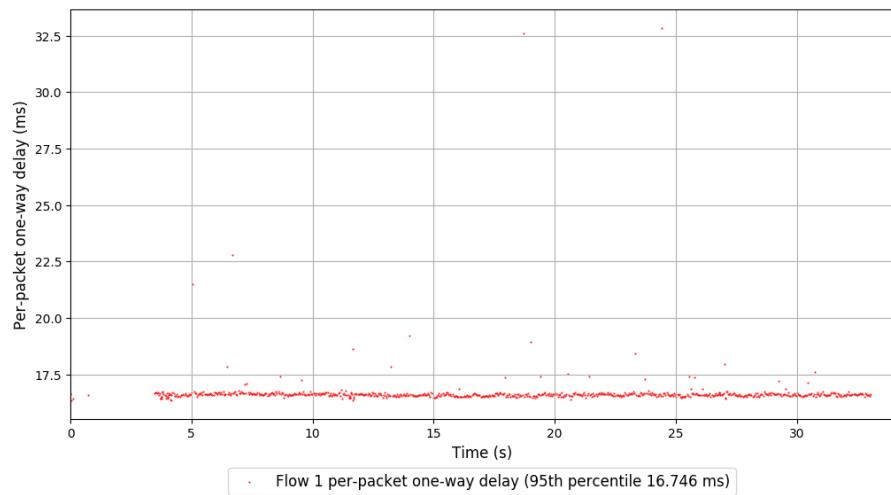
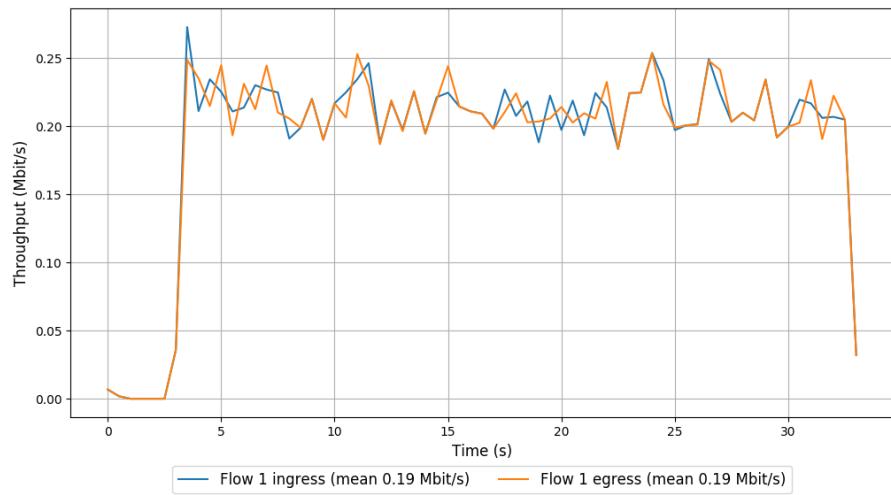


Run 5: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:07:58 +0000
End at: Mon, 19 Jun 2017 22:08:28 +0000
Local clock offset: 3.638 ms
Remote clock offset: -18.398 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 16.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 16.746 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

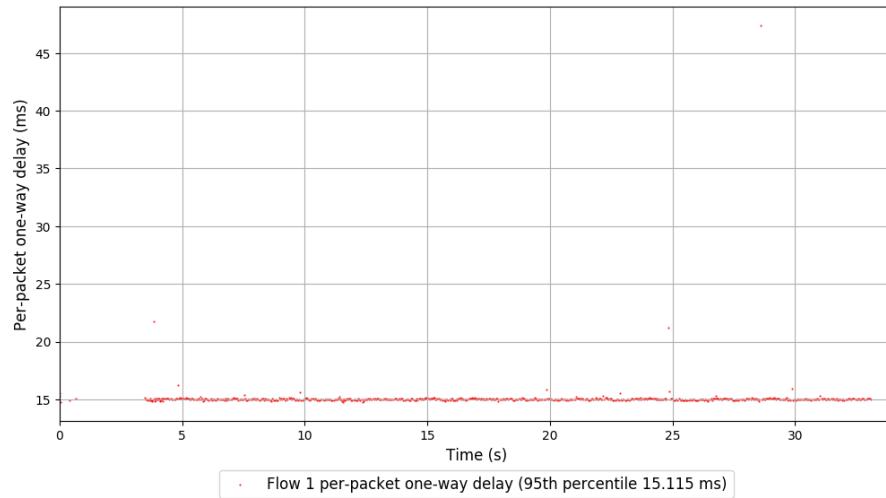
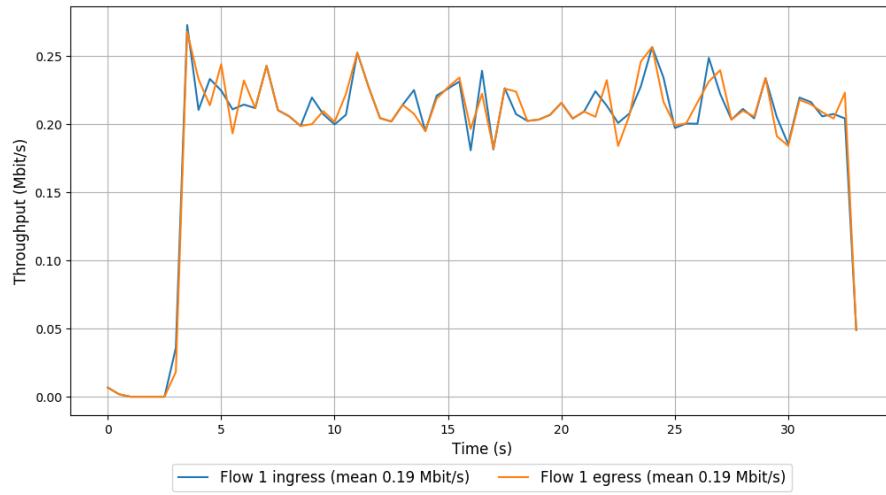


Run 6: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:27:01 +0000
End at: Mon, 19 Jun 2017 22:27:31 +0000
Local clock offset: 6.104 ms
Remote clock offset: -18.802 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 04:59:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.115 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 22:45:51 +0000

End at: Mon, 19 Jun 2017 22:46:21 +0000

Local clock offset: 2.775 ms

Remote clock offset: -18.106 ms

Below is generated by plot.py at Tue, 20 Jun 2017 04:59:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 13.974 ms

Loss rate: 0.00%

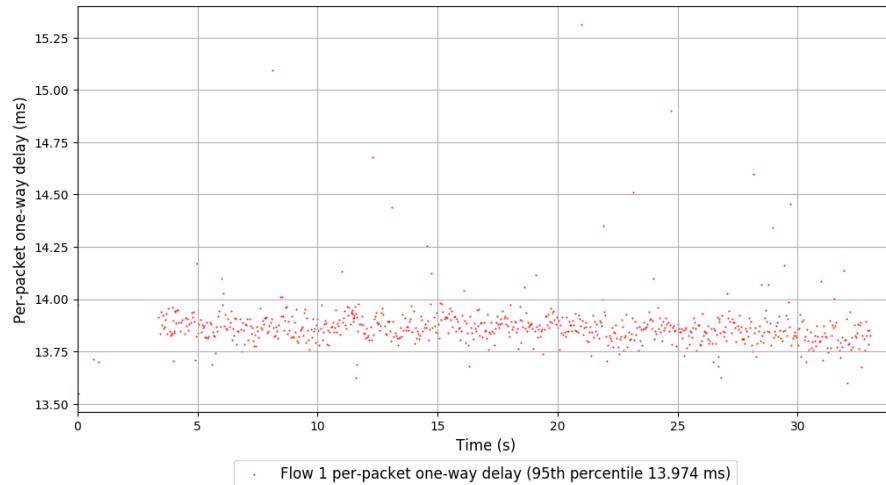
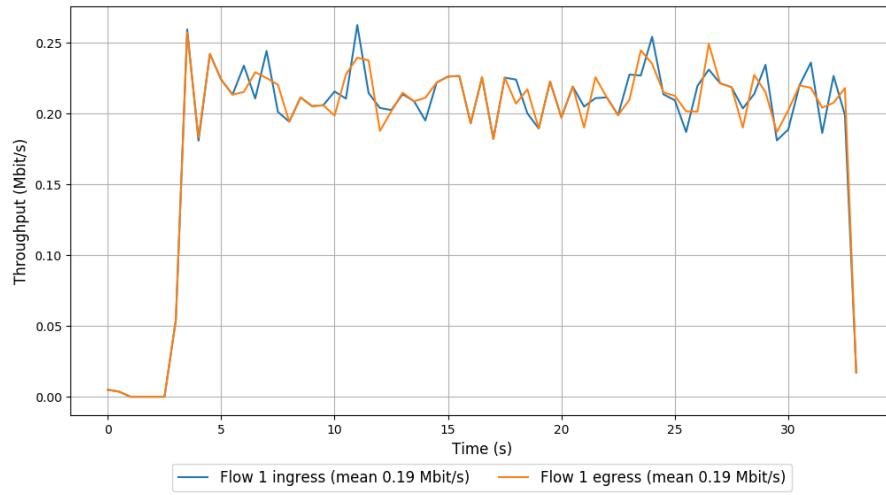
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 13.974 ms

Loss rate: 0.00%

Run 7: Report of SCReAM — Data Link

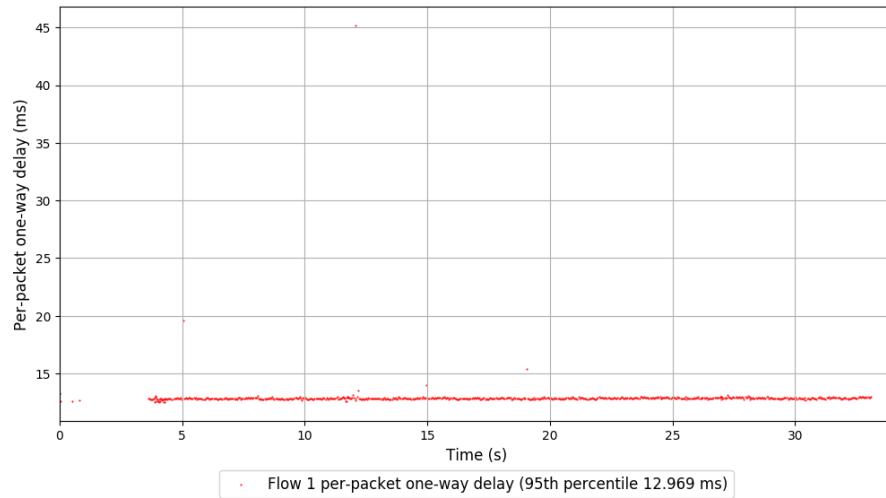
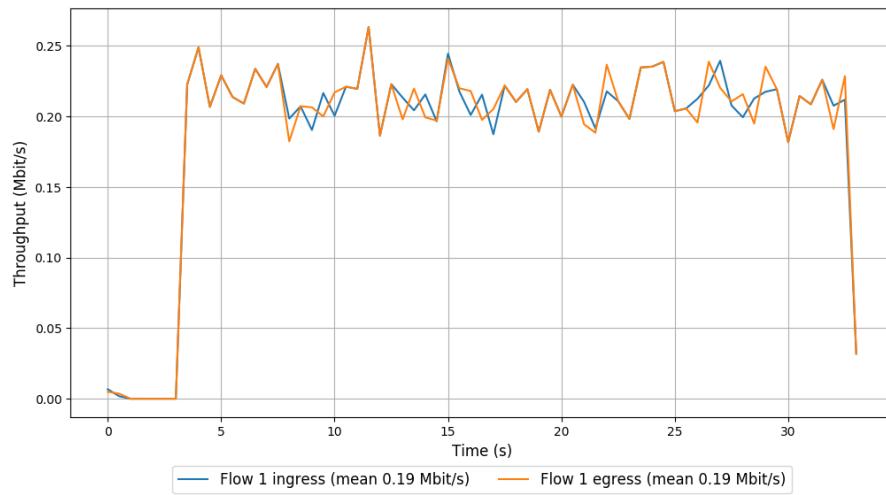


Run 8: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:04:57 +0000
End at: Mon, 19 Jun 2017 23:05:27 +0000
Local clock offset: 3.665 ms
Remote clock offset: -17.604 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.969 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

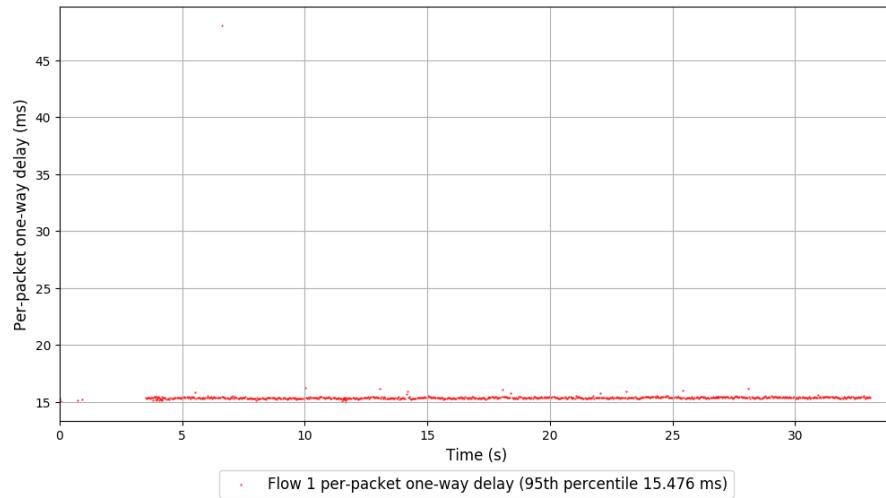
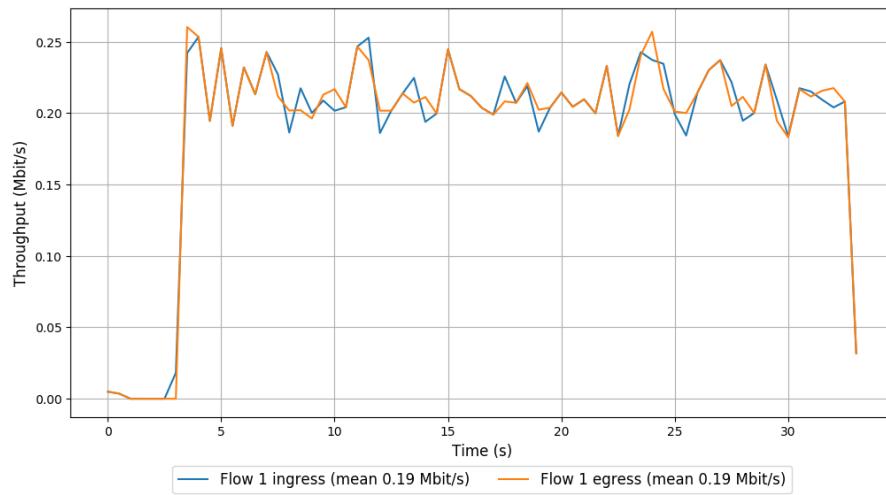


Run 9: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:24:03 +0000
End at: Mon, 19 Jun 2017 23:24:33 +0000
Local clock offset: -2.759 ms
Remote clock offset: -17.456 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.476 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

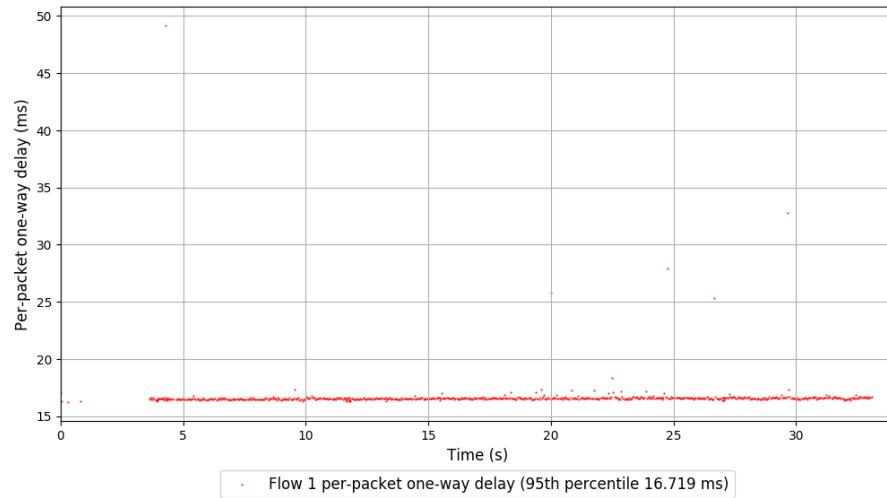
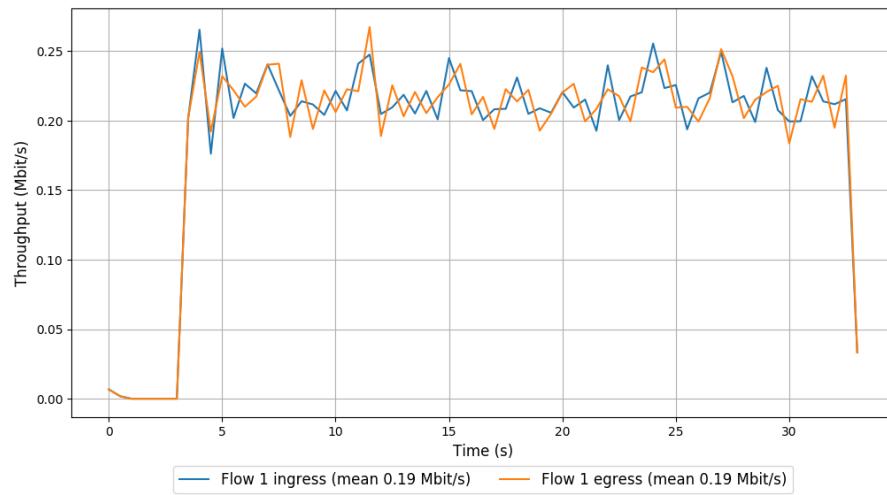


Run 10: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:43:07 +0000
End at: Mon, 19 Jun 2017 23:43:37 +0000
Local clock offset: 5.047 ms
Remote clock offset: -17.064 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 16.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 16.719 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

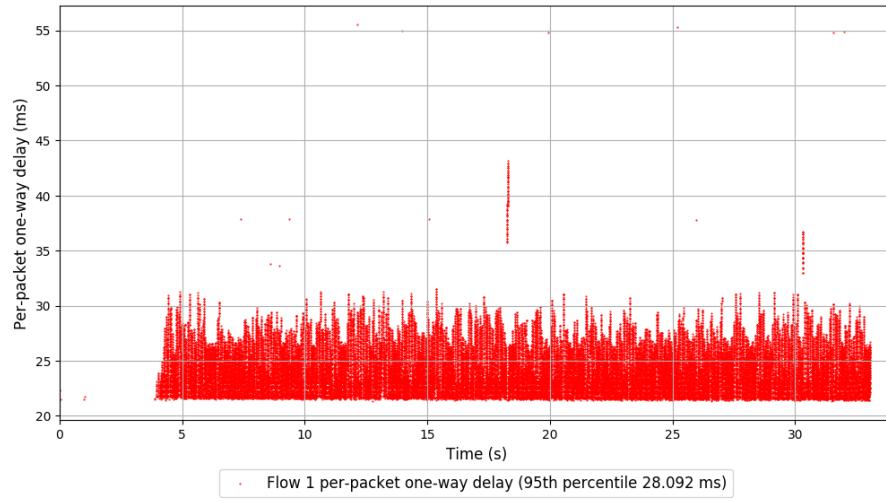
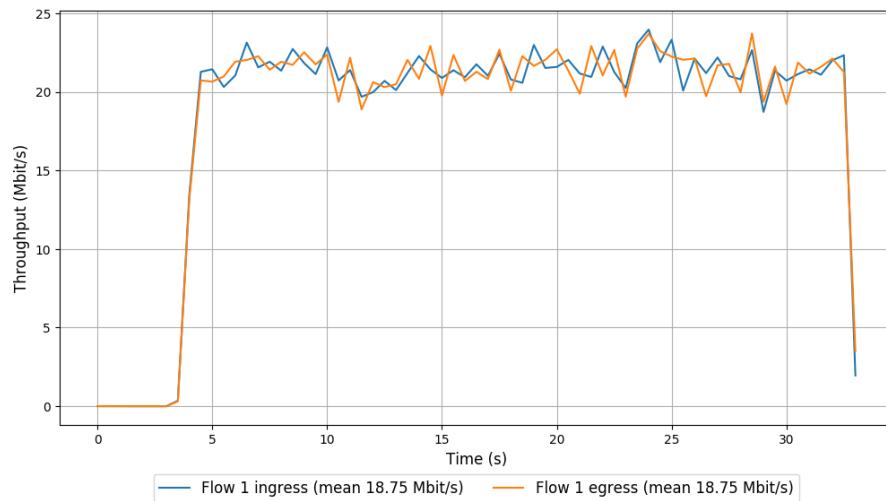


Run 1: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 20:50:33 +0000
End at: Mon, 19 Jun 2017 20:51:03 +0000
Local clock offset: 8.115 ms
Remote clock offset: -20.376 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 28.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 28.092 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

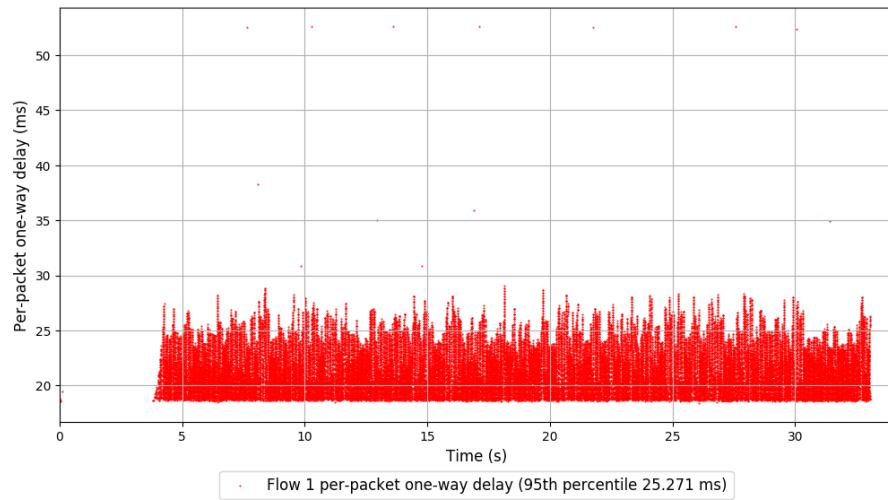
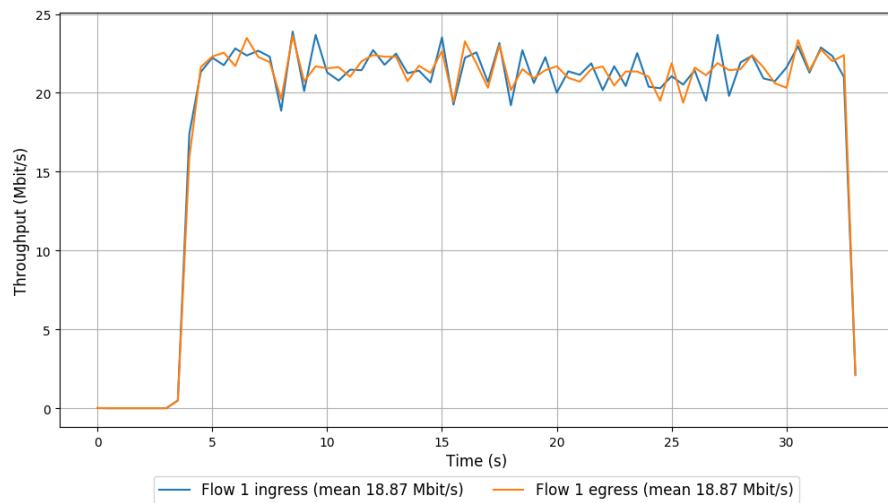


Run 2: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:09:24 +0000
End at: Mon, 19 Jun 2017 21:09:54 +0000
Local clock offset: 0.777 ms
Remote clock offset: -18.752 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 25.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 25.271 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

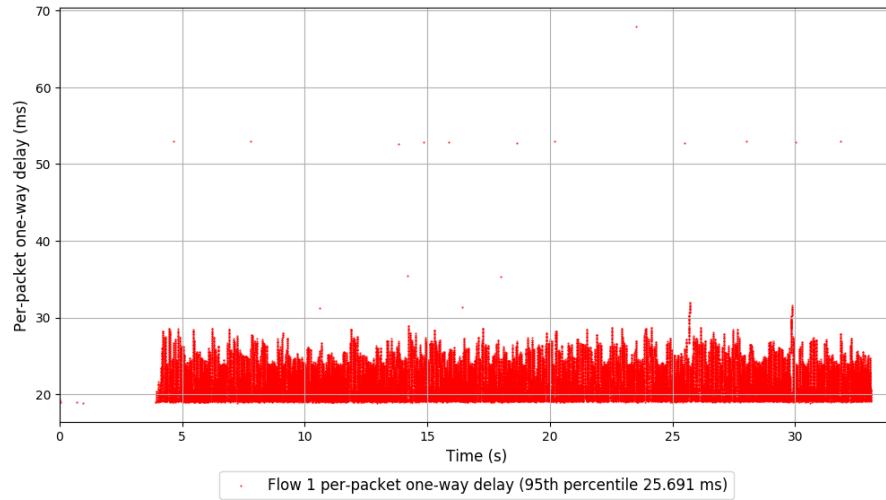
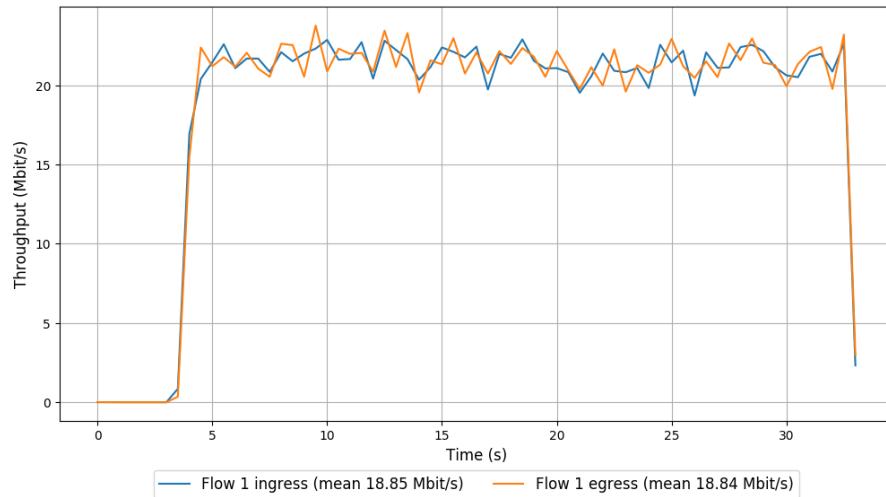


Run 3: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:28:42 +0000
End at: Mon, 19 Jun 2017 21:29:12 +0000
Local clock offset: 7.957 ms
Remote clock offset: -19.148 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 25.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 25.691 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

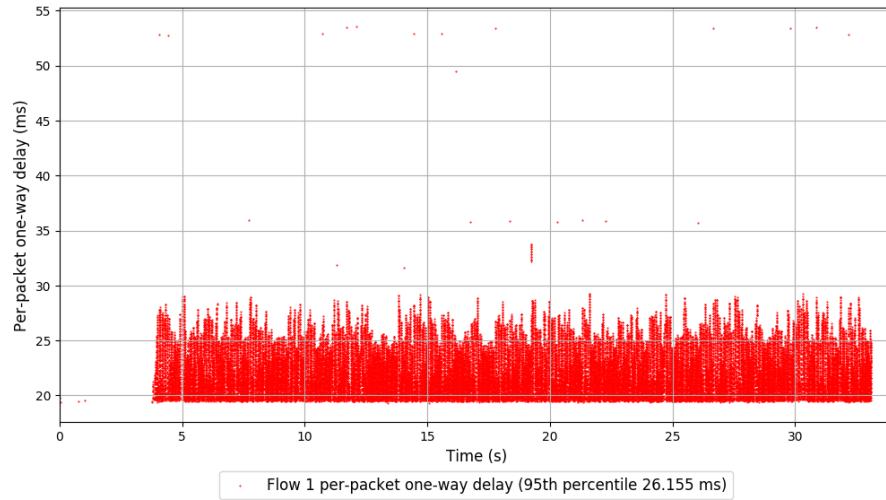
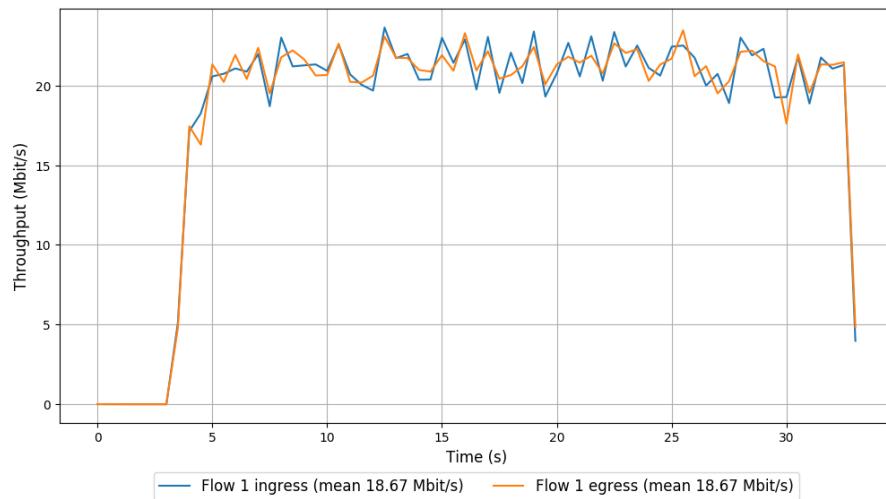


Run 4: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:47:48 +0000
End at: Mon, 19 Jun 2017 21:48:18 +0000
Local clock offset: 8.688 ms
Remote clock offset: -17.481 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:00:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 26.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 26.155 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

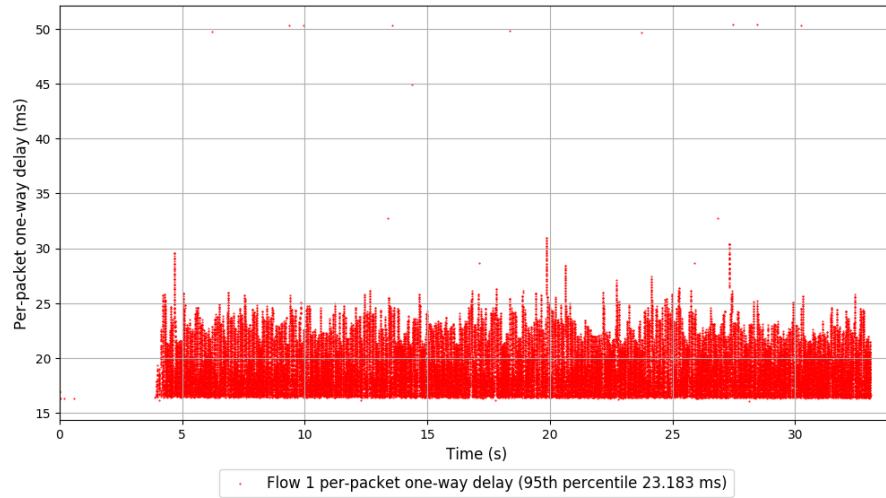
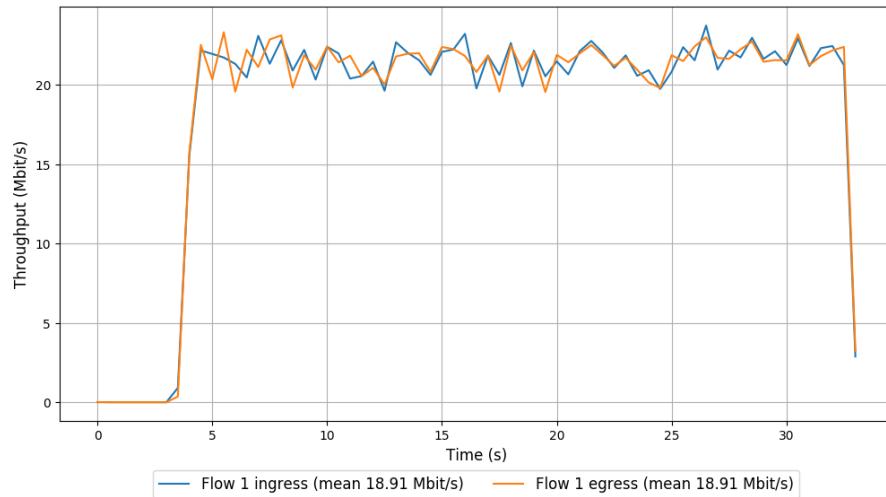


Run 5: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:06:46 +0000
End at: Mon, 19 Jun 2017 22:07:16 +0000
Local clock offset: 1.294 ms
Remote clock offset: -17.758 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 23.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 23.183 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

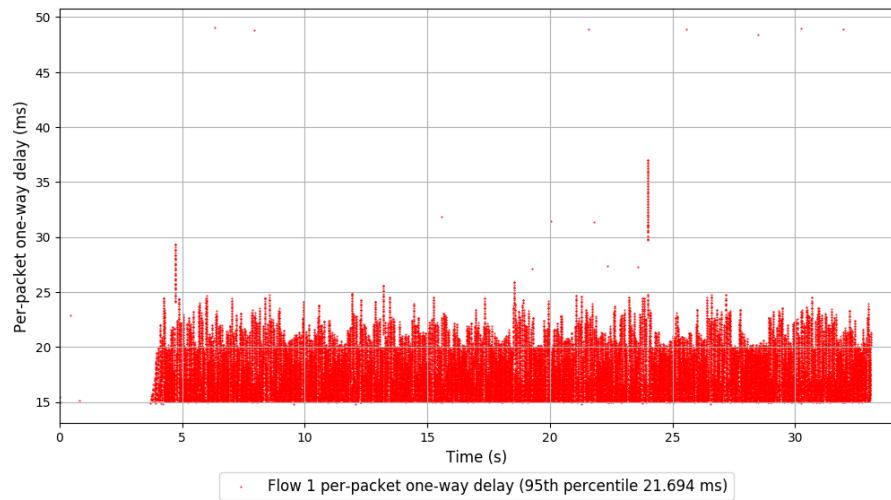
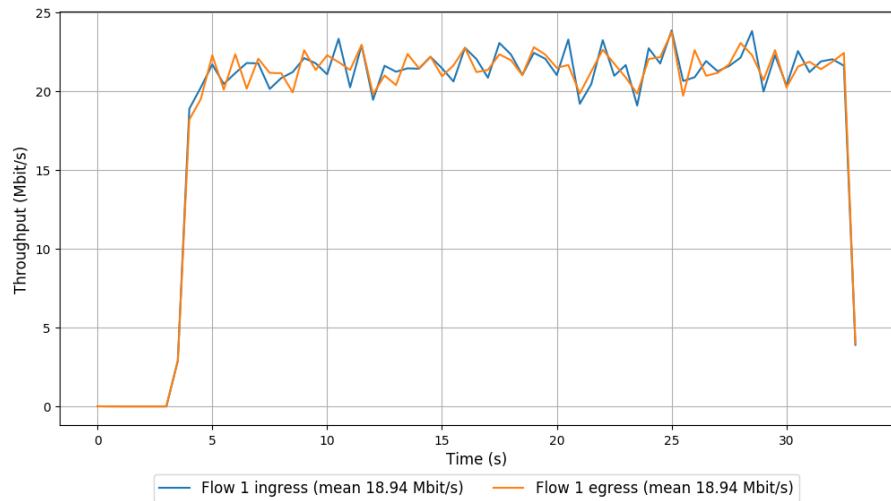


Run 6: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:25:49 +0000
End at: Mon, 19 Jun 2017 22:26:19 +0000
Local clock offset: 2.649 ms
Remote clock offset: -17.744 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 21.694 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 21.694 ms
Loss rate: 0.06%
```

Run 6: Report of Sprout — Data Link

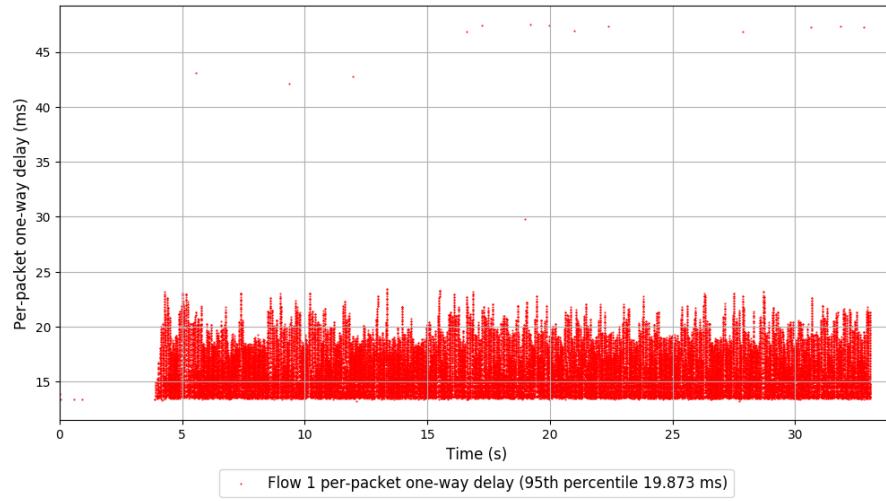
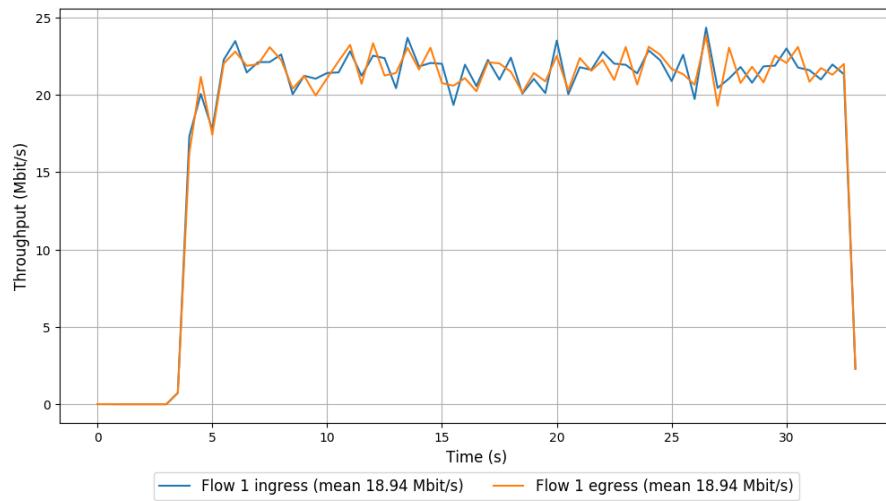


Run 7: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:44:39 +0000
End at: Mon, 19 Jun 2017 22:45:09 +0000
Local clock offset: 3.282 ms
Remote clock offset: -18.02 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 19.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 19.873 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

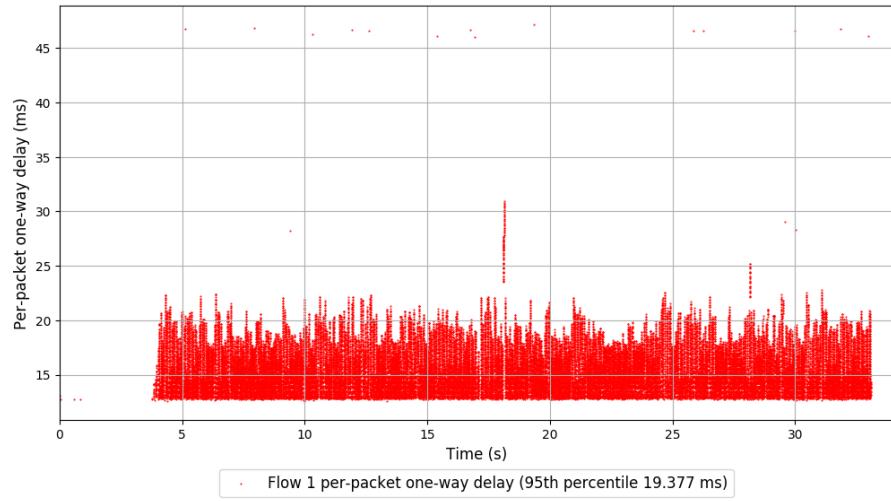
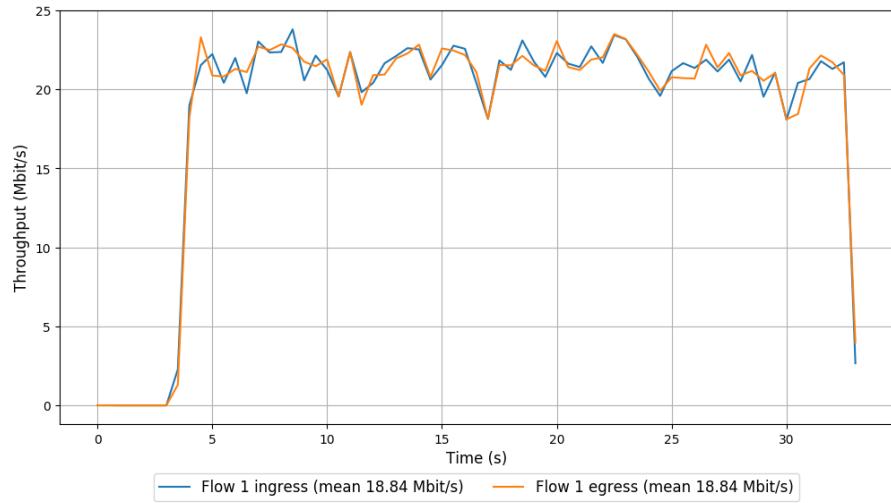


Run 8: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:03:45 +0000
End at: Mon, 19 Jun 2017 23:04:15 +0000
Local clock offset: 2.957 ms
Remote clock offset: -16.368 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

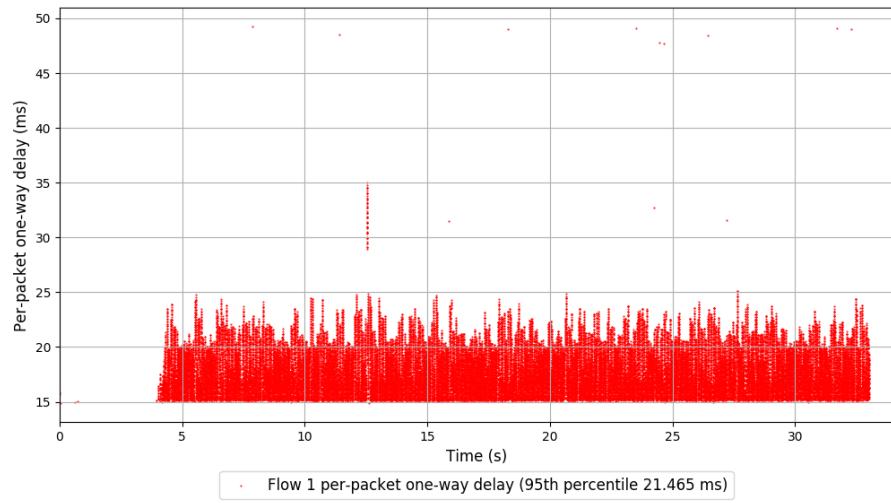
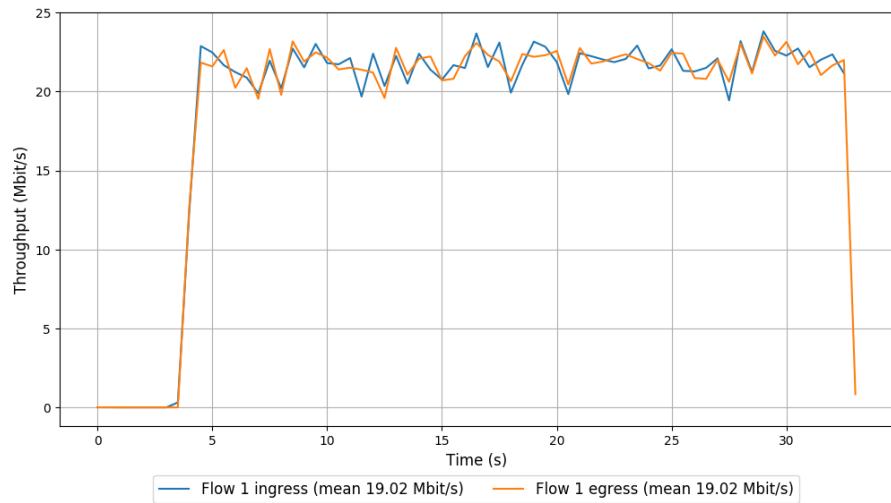


Run 9: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:22:50 +0000
End at: Mon, 19 Jun 2017 23:23:20 +0000
Local clock offset: 6.363 ms
Remote clock offset: -18.574 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.02 Mbit/s
95th percentile per-packet one-way delay: 21.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.02 Mbit/s
95th percentile per-packet one-way delay: 21.465 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

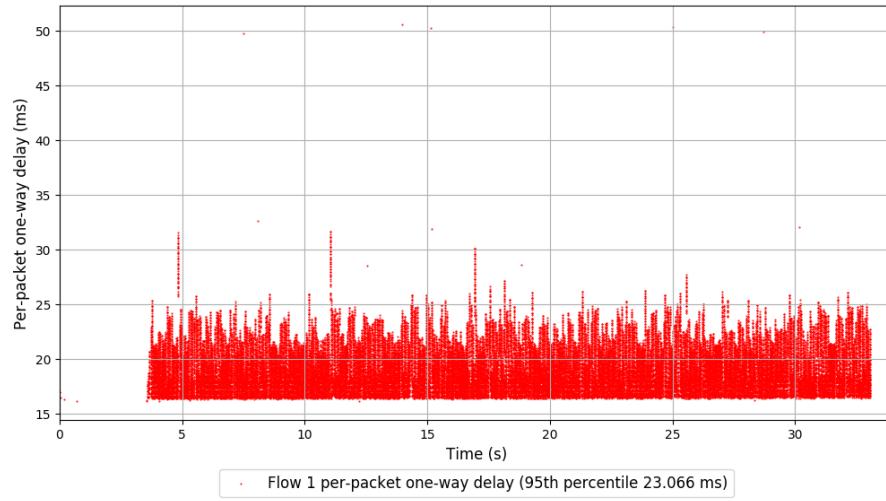
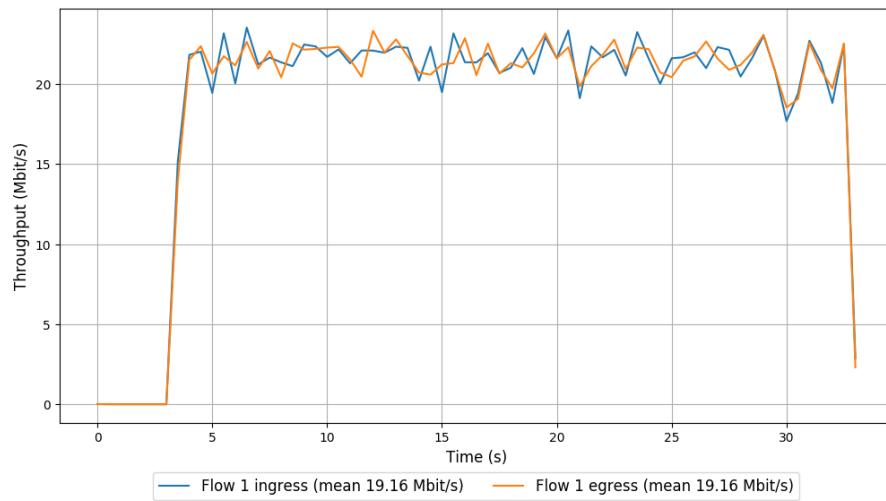


Run 10: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:41:56 +0000
End at: Mon, 19 Jun 2017 23:42:26 +0000
Local clock offset: 3.025 ms
Remote clock offset: -15.593 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 23.066 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 23.066 ms
Loss rate: 0.04%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 20:58:48 +0000

End at: Mon, 19 Jun 2017 20:59:18 +0000

Local clock offset: 5.798 ms

Remote clock offset: -19.477 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:01:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 20.642 ms

Loss rate: 0.00%

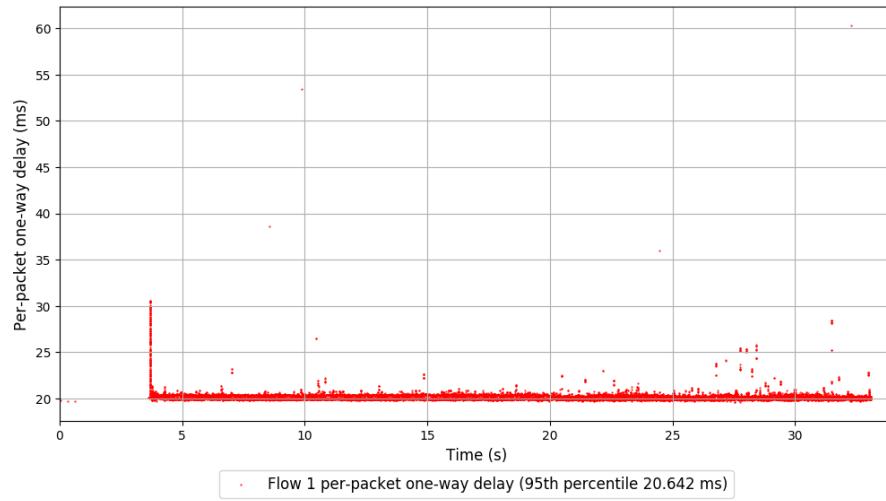
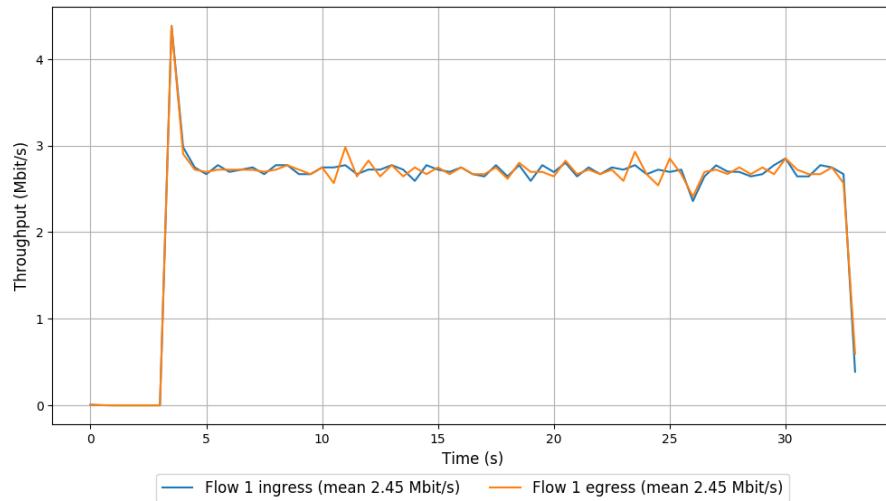
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 20.642 ms

Loss rate: 0.00%

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

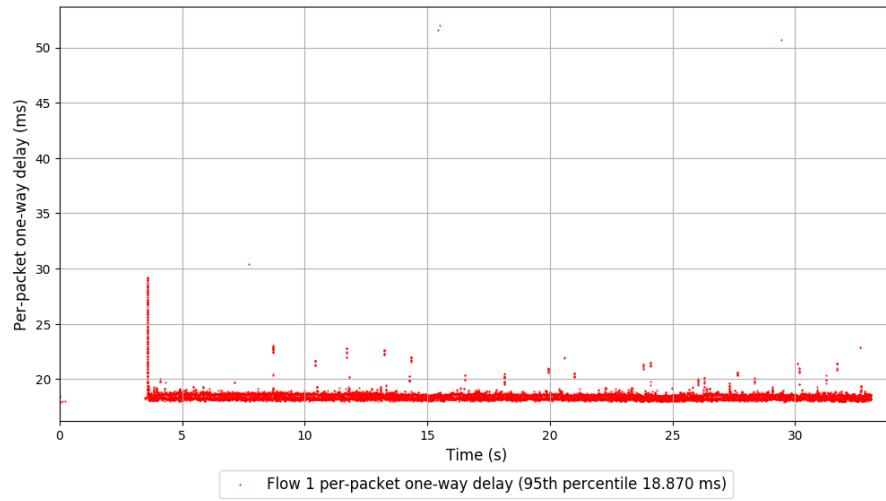
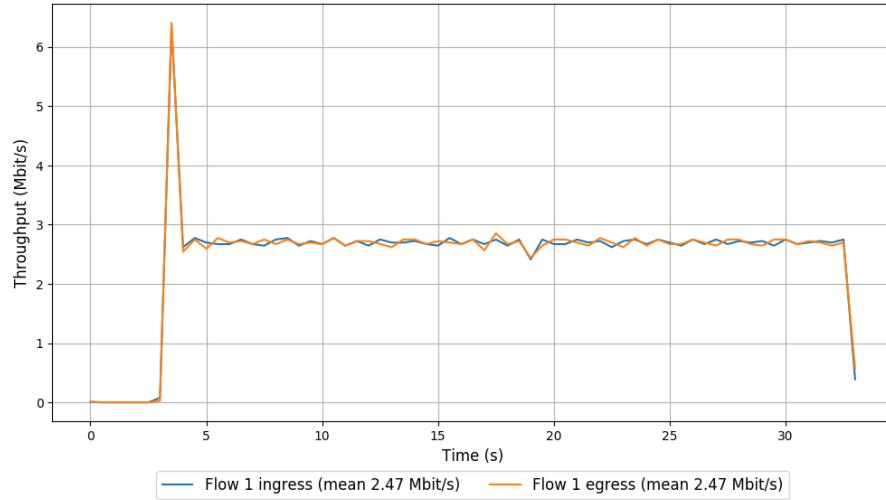


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:17:51 +0000
End at: Mon, 19 Jun 2017 21:18:21 +0000
Local clock offset: 4.108 ms
Remote clock offset: -20.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:01:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.00%
```

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

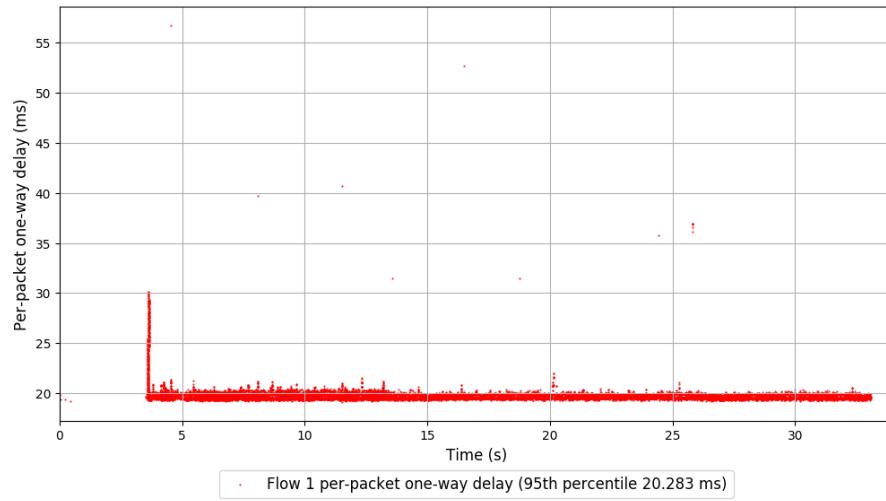
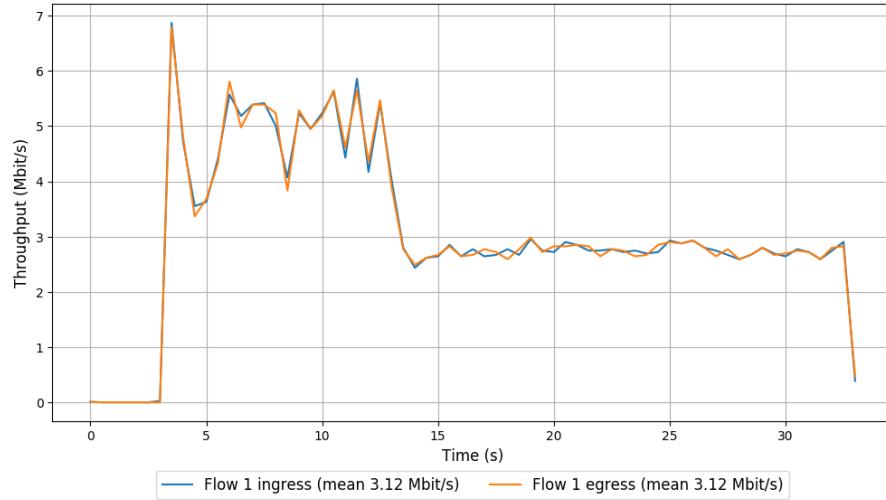


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:37:08 +0000
End at: Mon, 19 Jun 2017 21:37:38 +0000
Local clock offset: 4.613 ms
Remote clock offset: -17.638 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 20.283 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 20.283 ms
Loss rate: 0.03%
```

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

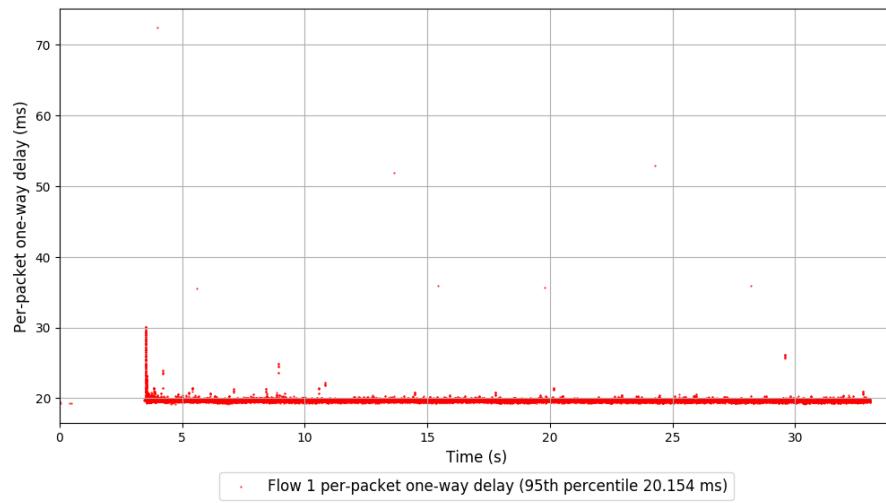
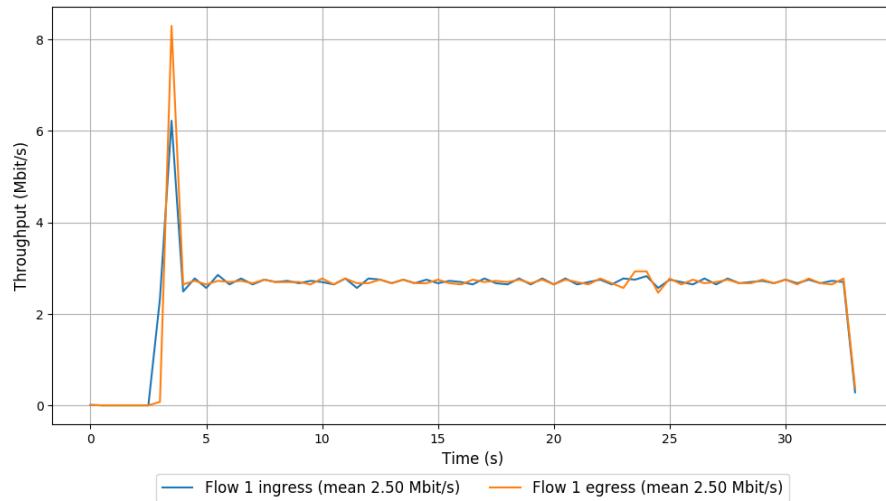


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:56:13 +0000
End at: Mon, 19 Jun 2017 21:56:43 +0000
Local clock offset: 9.228 ms
Remote clock offset: -17.345 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.00%
```

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

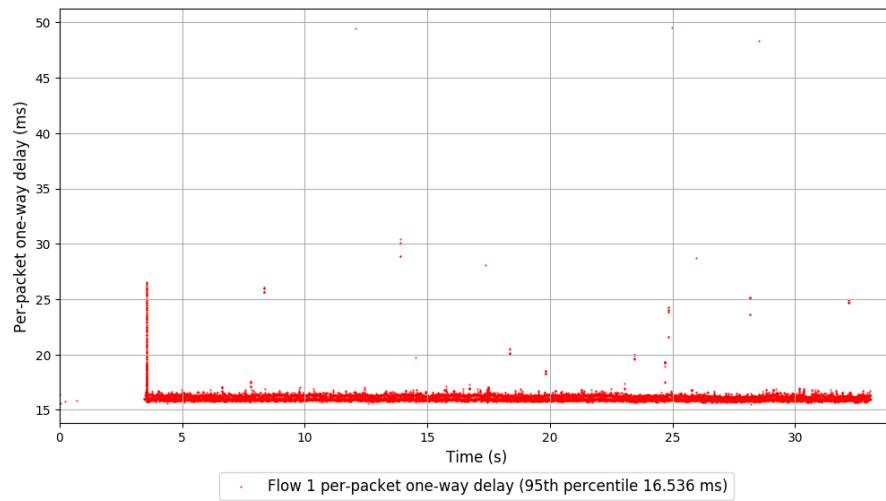
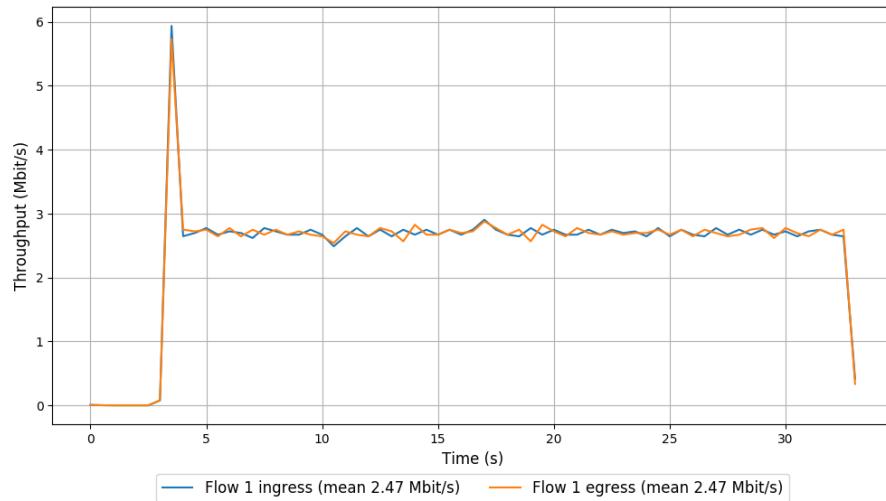


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:15:05 +0000
End at: Mon, 19 Jun 2017 22:15:35 +0000
Local clock offset: 4.083 ms
Remote clock offset: -17.157 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 16.536 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 16.536 ms
Loss rate: 0.05%
```

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

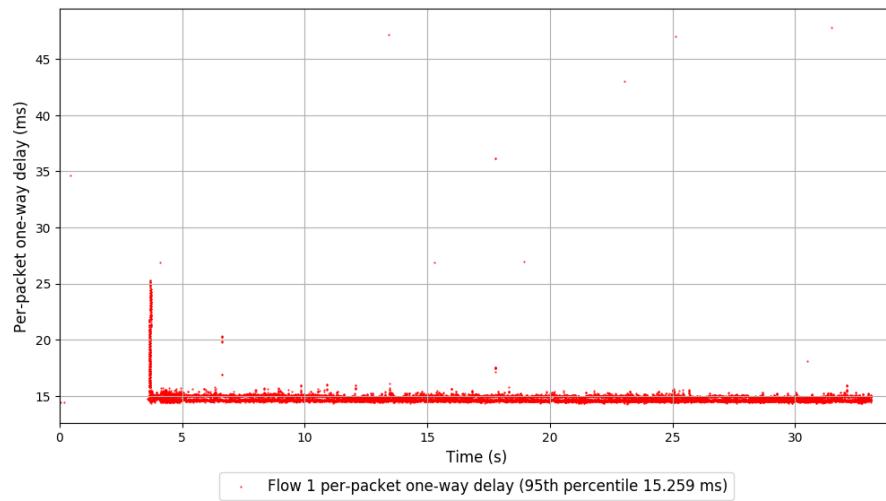
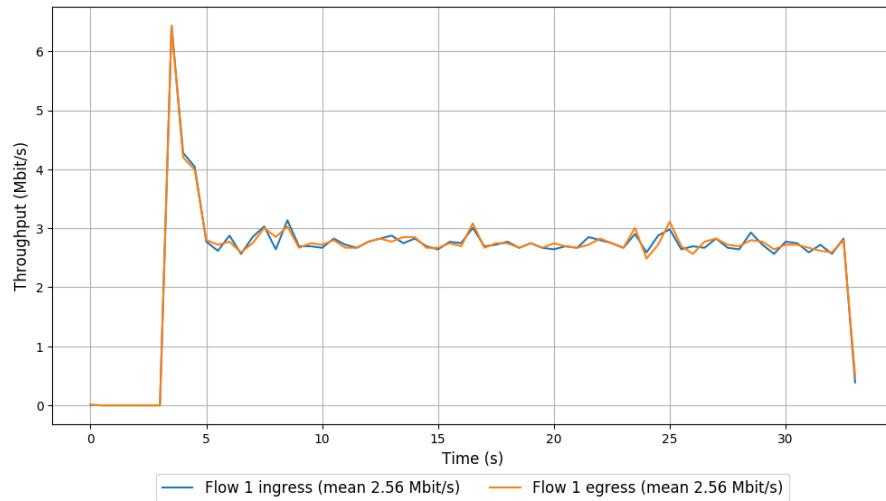


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:34:05 +0000
End at: Mon, 19 Jun 2017 22:34:35 +0000
Local clock offset: 2.117 ms
Remote clock offset: -16.841 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 15.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 15.259 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 22:53:04 +0000

End at: Mon, 19 Jun 2017 22:53:34 +0000

Local clock offset: 0.694 ms

Remote clock offset: -18.032 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:02:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 13.943 ms

Loss rate: 0.00%

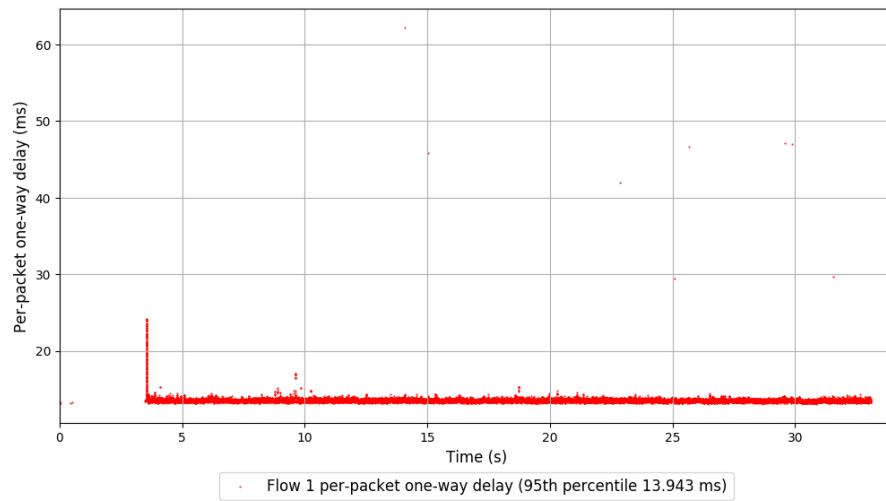
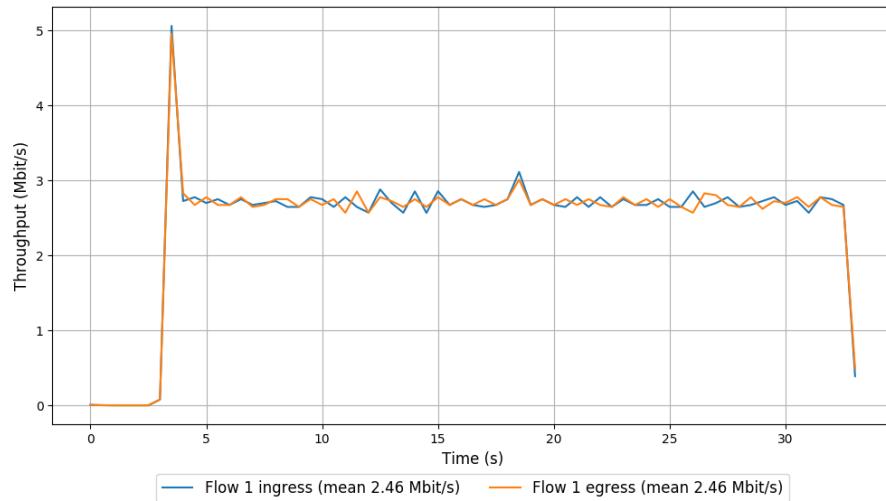
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 13.943 ms

Loss rate: 0.00%

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

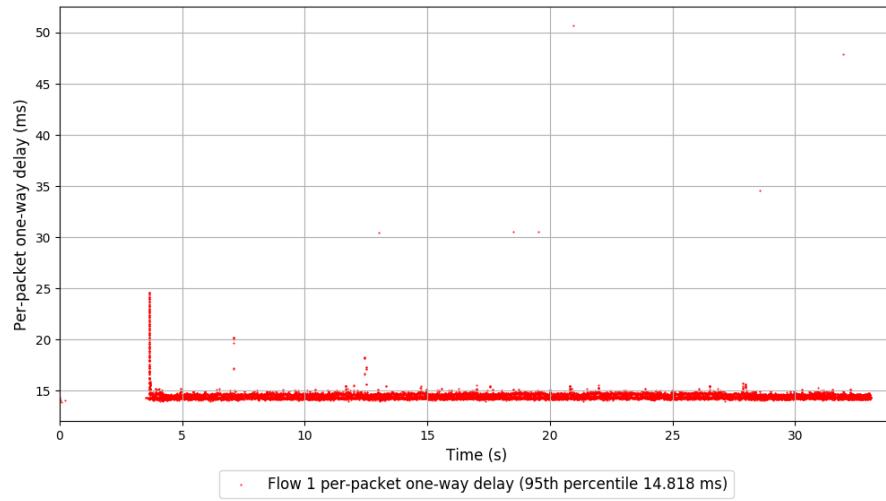
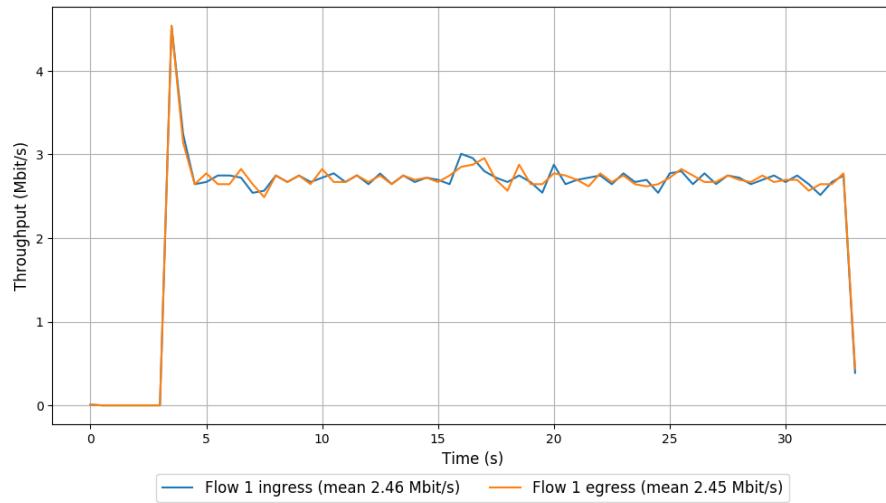


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:12:10 +0000
End at: Mon, 19 Jun 2017 23:12:40 +0000
Local clock offset: 2.38 ms
Remote clock offset: -17.212 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 14.818 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 14.818 ms
Loss rate: 0.02%
```

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

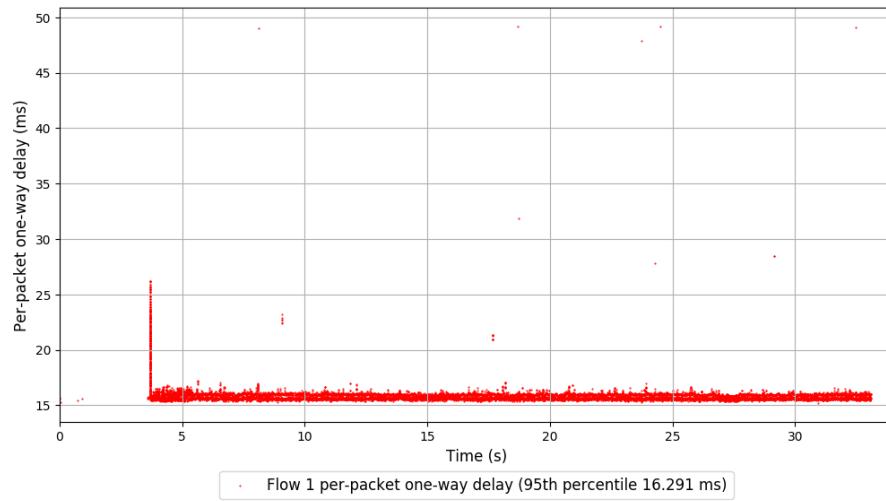
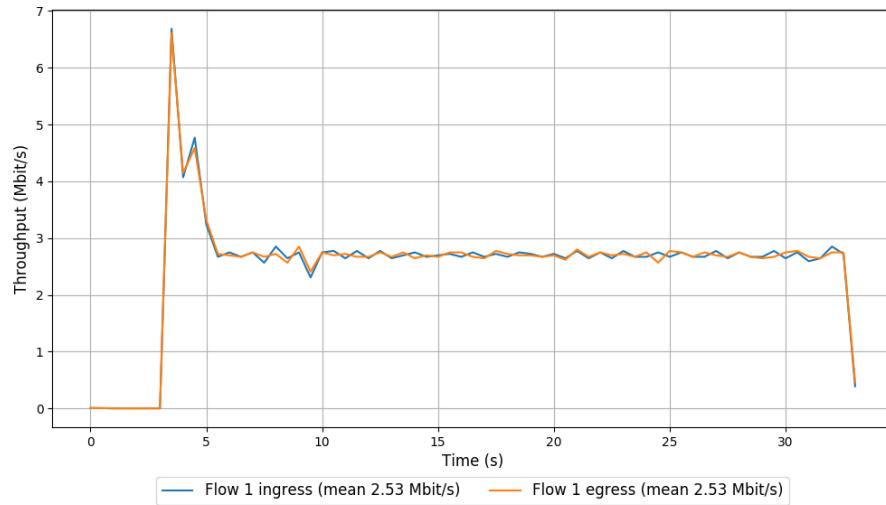


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:31:16 +0000
End at: Mon, 19 Jun 2017 23:31:46 +0000
Local clock offset: 1.859 ms
Remote clock offset: -16.745 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 16.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 16.291 ms
Loss rate: 0.00%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 23:50:18 +0000

End at: Mon, 19 Jun 2017 23:50:48 +0000

Local clock offset: 4.795 ms

Remote clock offset: -17.808 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:02:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 18.368 ms

Loss rate: 0.00%

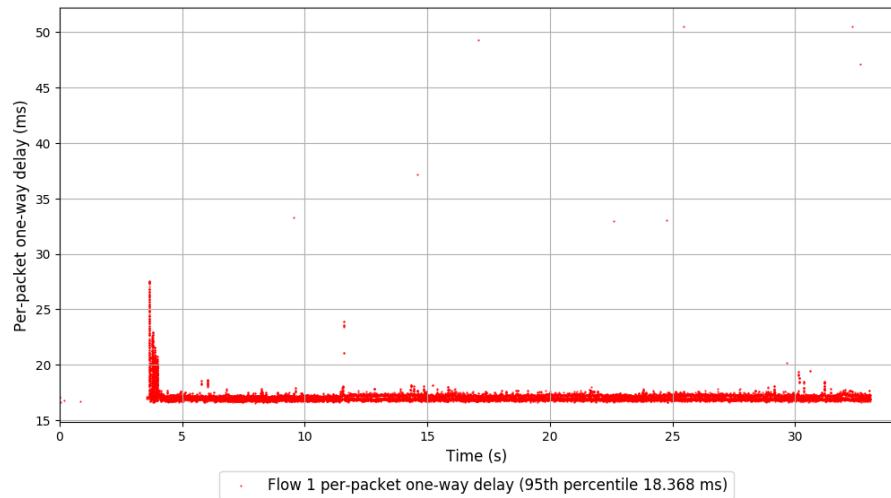
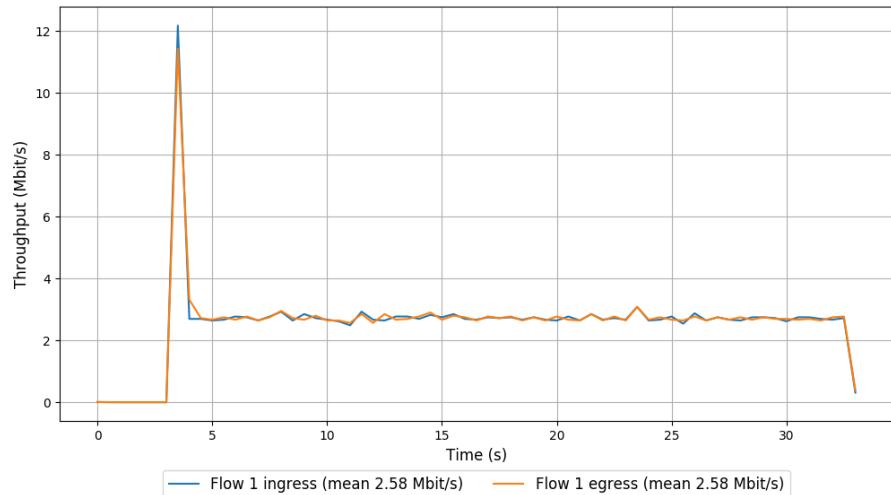
-- Flow 1:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 18.368 ms

Loss rate: 0.00%

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

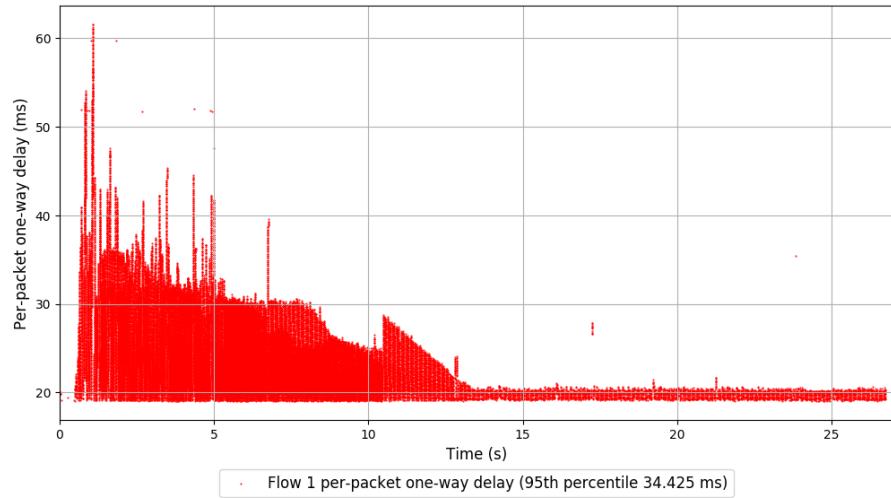
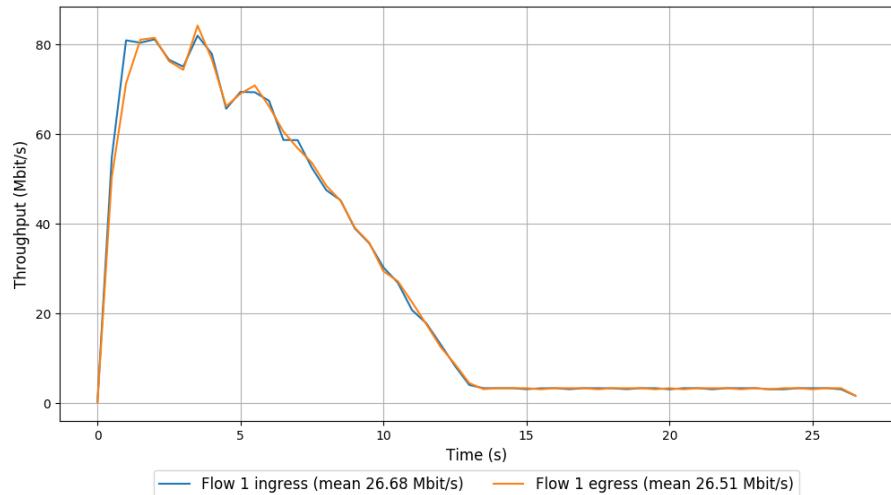


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:08:11 +0000
End at: Mon, 19 Jun 2017 21:08:41 +0000
Local clock offset: 6.247 ms
Remote clock offset: -21.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:02:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 34.425 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 34.425 ms
Loss rate: 0.63%
```

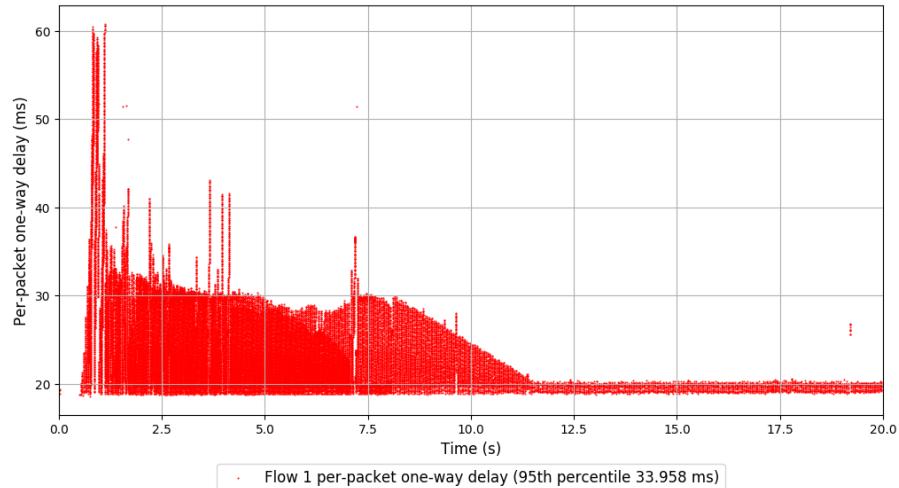
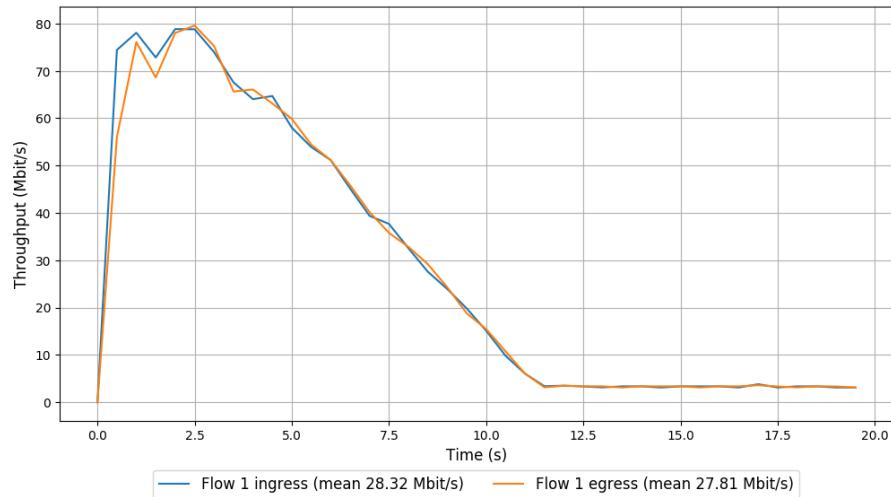
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Mon, 19 Jun 2017 21:27:29 +0000
End at: Mon, 19 Jun 2017 21:27:59 +0000
Local clock offset: 5.638 ms
Remote clock offset: -20.322 ms

Run 2: Report of TCP Vegas — Data Link

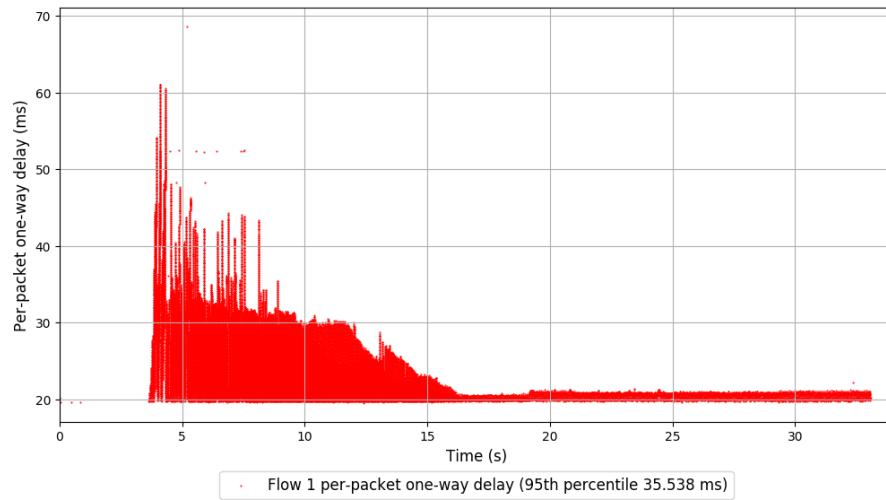
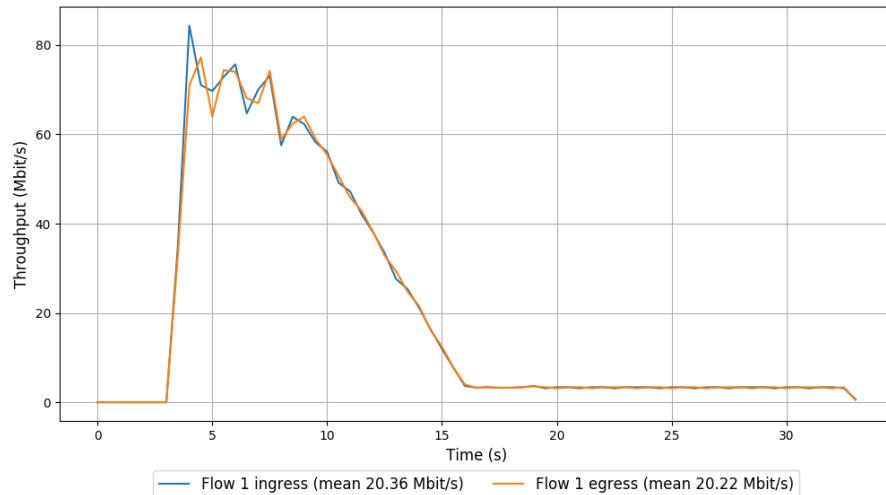


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:46:34 +0000
End at: Mon, 19 Jun 2017 21:47:04 +0000
Local clock offset: 6.991 ms
Remote clock offset: -19.296 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:03:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 35.538 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 35.538 ms
Loss rate: 0.70%
```

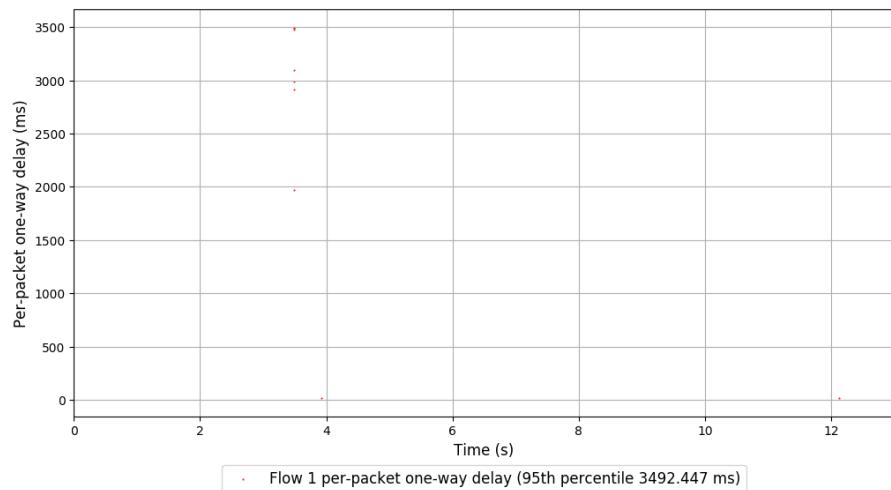
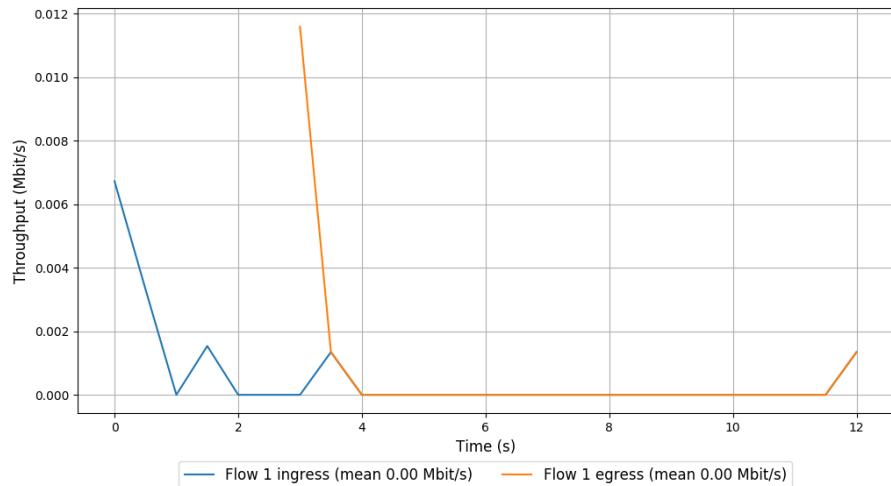
Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Mon, 19 Jun 2017 22:05:40 +0000
End at: Mon, 19 Jun 2017 22:06:10 +0000
Local clock offset: 3.406 ms
Remote clock offset: -18.717 ms

Run 4: Report of TCP Vegas — Data Link

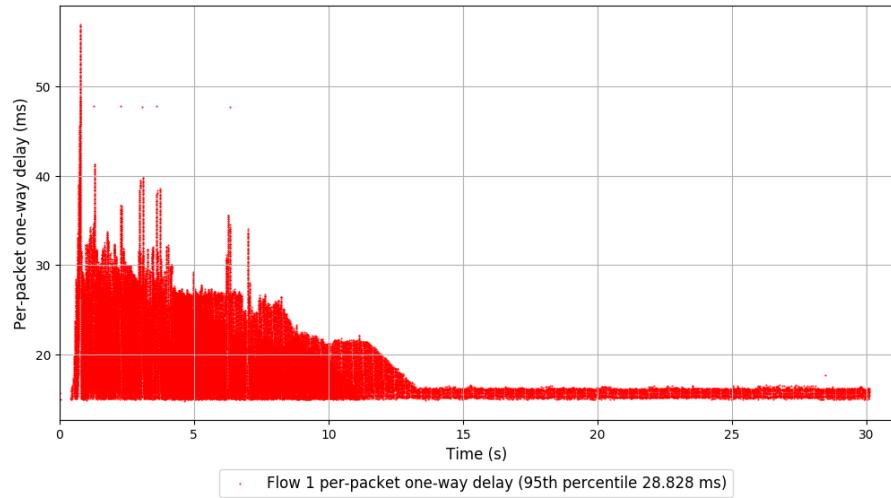
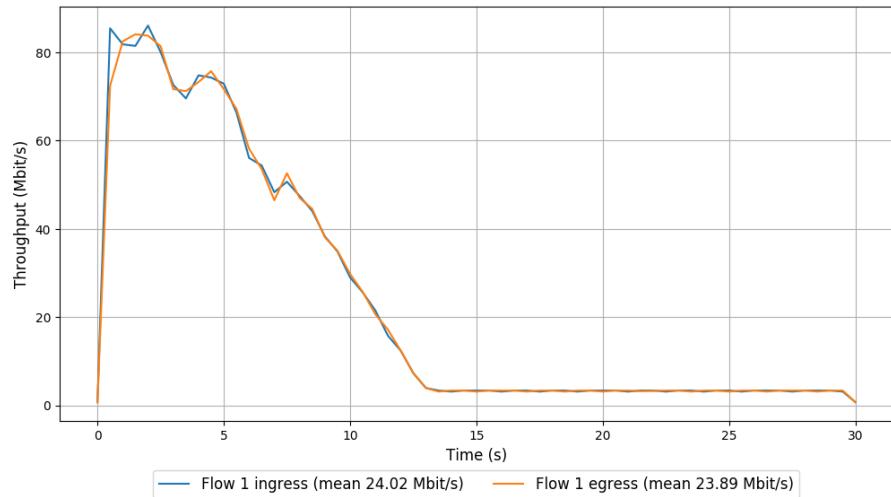


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:24:32 +0000
End at: Mon, 19 Jun 2017 22:25:02 +0000
Local clock offset: 4.501 ms
Remote clock offset: -16.762 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:03:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 28.828 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 28.828 ms
Loss rate: 0.53%
```

Run 5: Report of TCP Vegas — Data Link

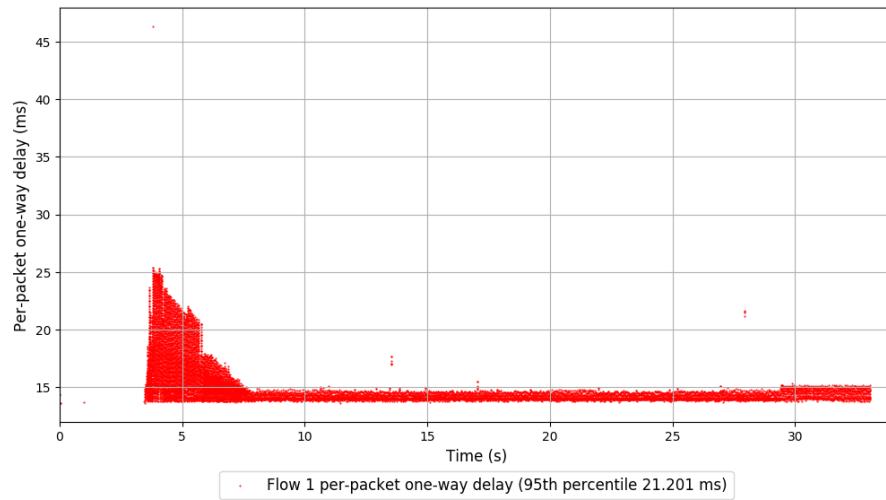
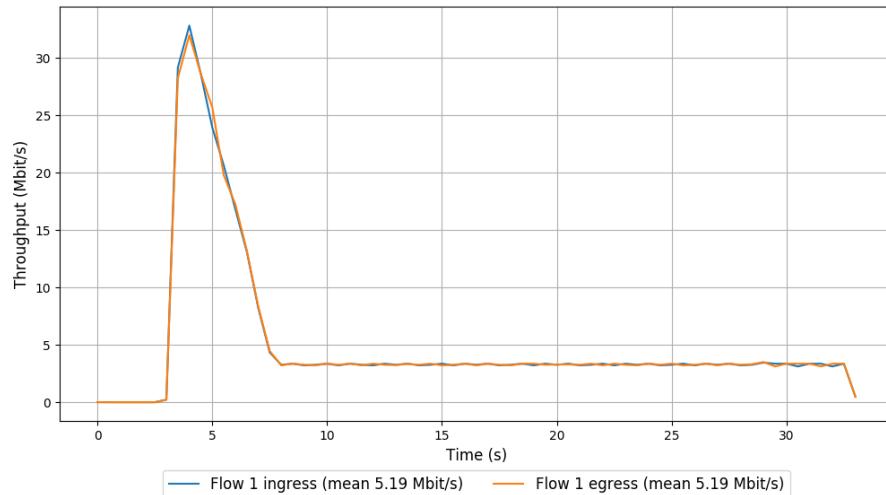


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:43:30 +0000
End at: Mon, 19 Jun 2017 22:44:00 +0000
Local clock offset: 1.525 ms
Remote clock offset: -17.915 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:03:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 21.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 21.201 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

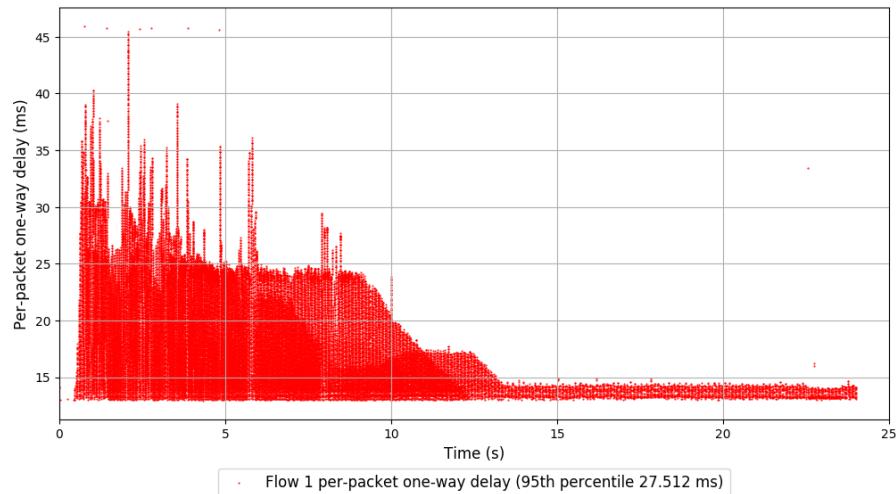
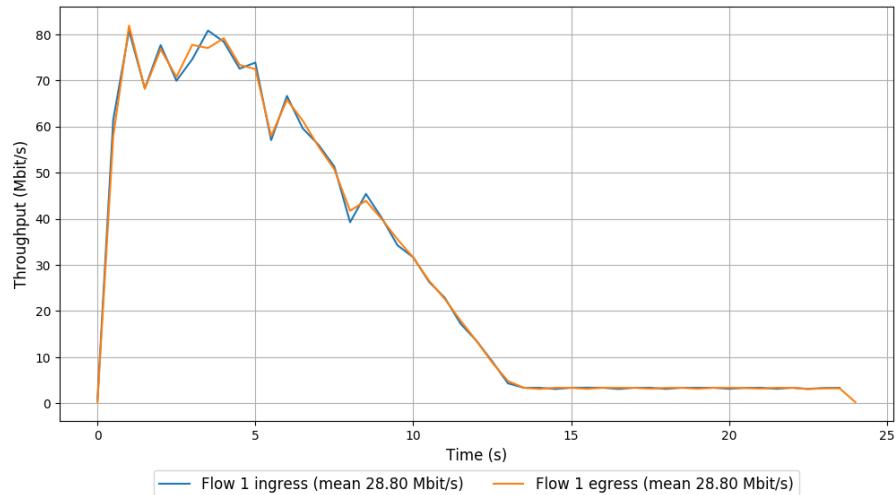
Start at: Mon, 19 Jun 2017 23:02:31 +0000

End at: Mon, 19 Jun 2017 23:03:01 +0000

Local clock offset: 1.795 ms

Remote clock offset: -17.951 ms

Run 7: Report of TCP Vegas — Data Link

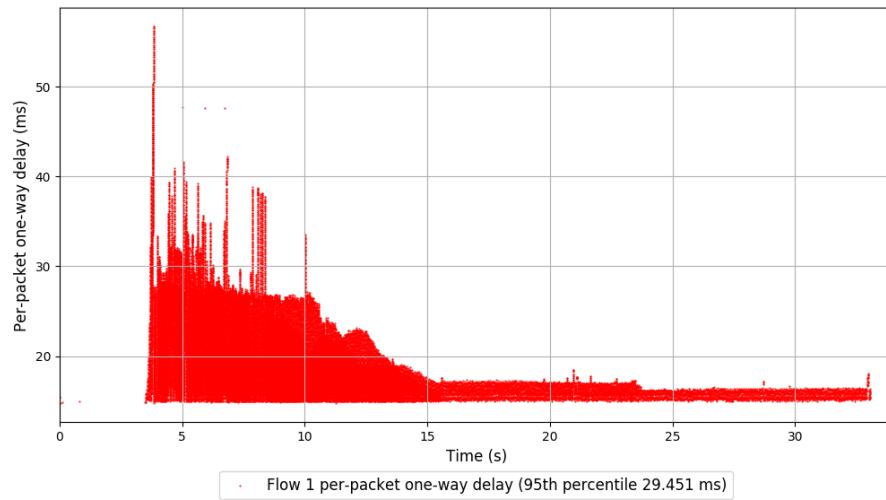
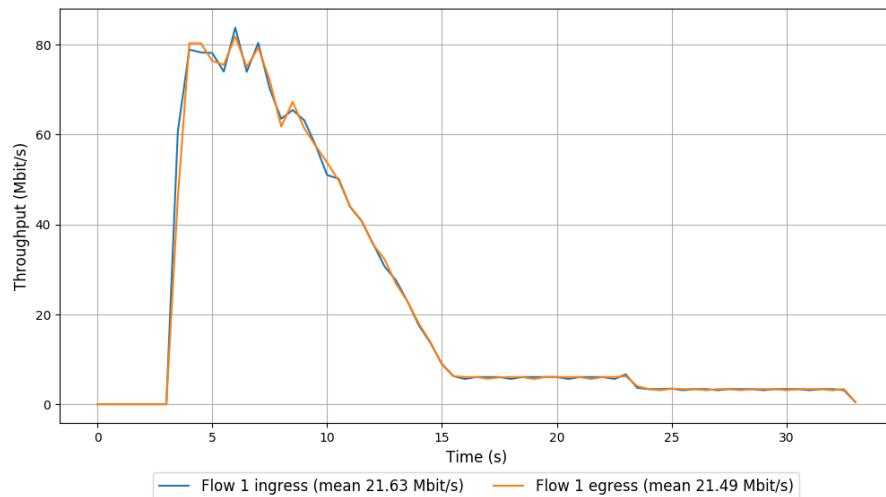


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:21:36 +0000
End at: Mon, 19 Jun 2017 23:22:06 +0000
Local clock offset: -0.958 ms
Remote clock offset: -16.72 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:03:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 29.451 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 29.451 ms
Loss rate: 0.66%
```

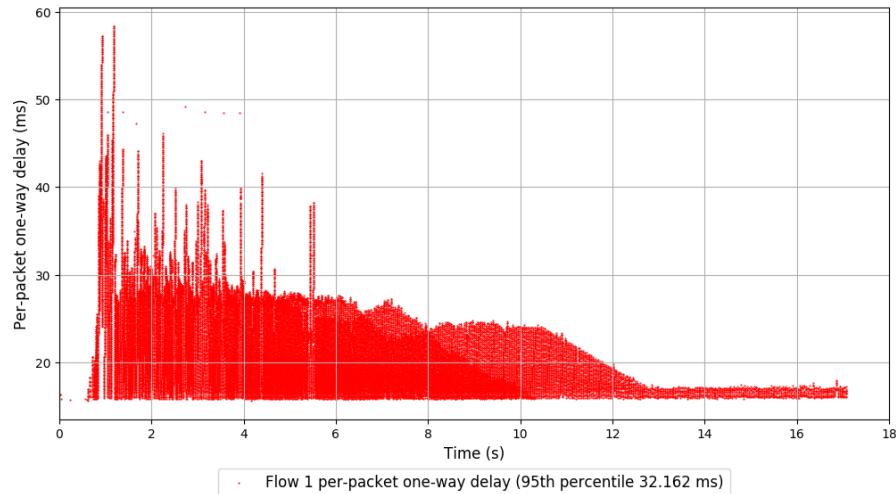
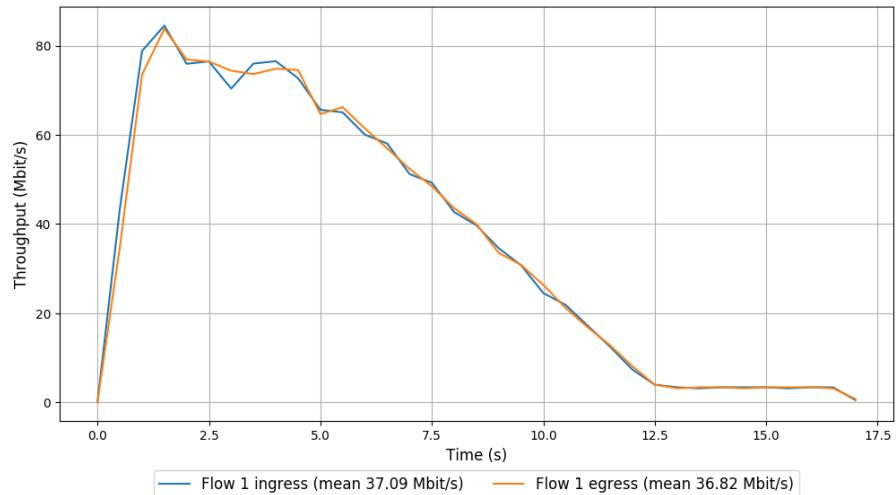
Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Mon, 19 Jun 2017 23:40:40 +0000
End at: Mon, 19 Jun 2017 23:41:10 +0000
Local clock offset: 6.382 ms
Remote clock offset: -17.714 ms

Run 9: Report of TCP Vegas — Data Link

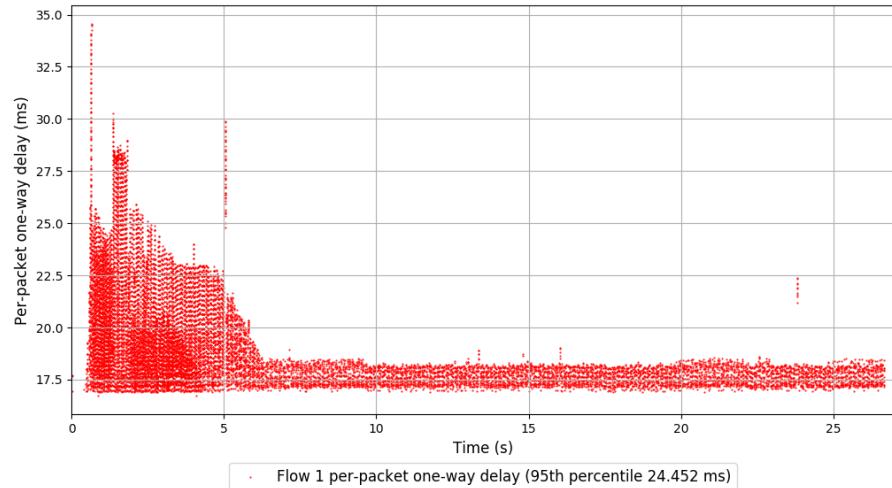
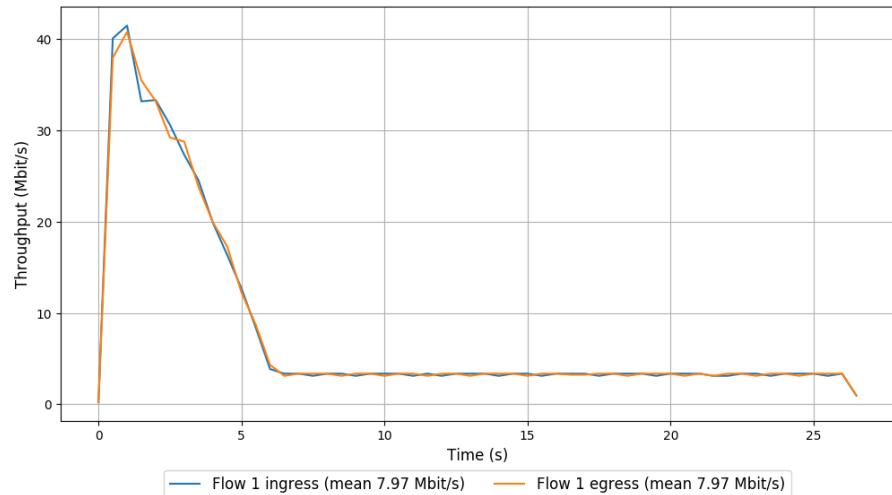


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:59:46 +0000
End at: Tue, 20 Jun 2017 00:00:16 +0000
Local clock offset: 0.199 ms
Remote clock offset: -18.01 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:04:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 24.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 24.452 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

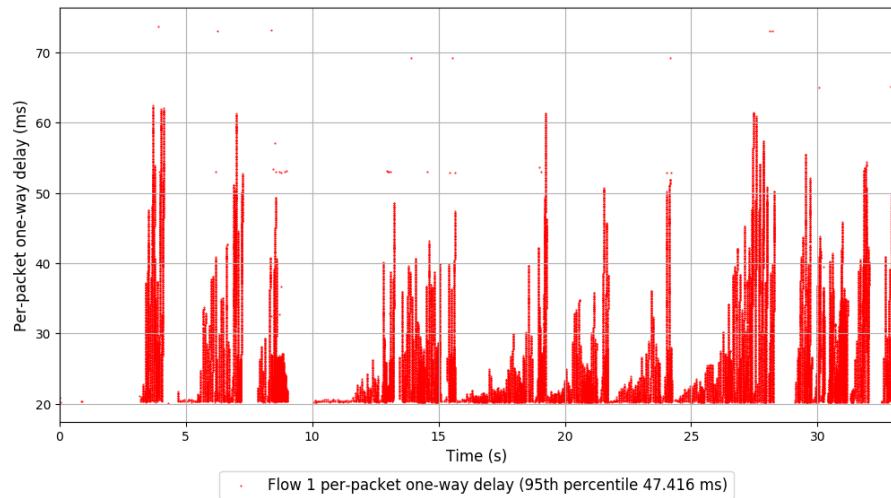
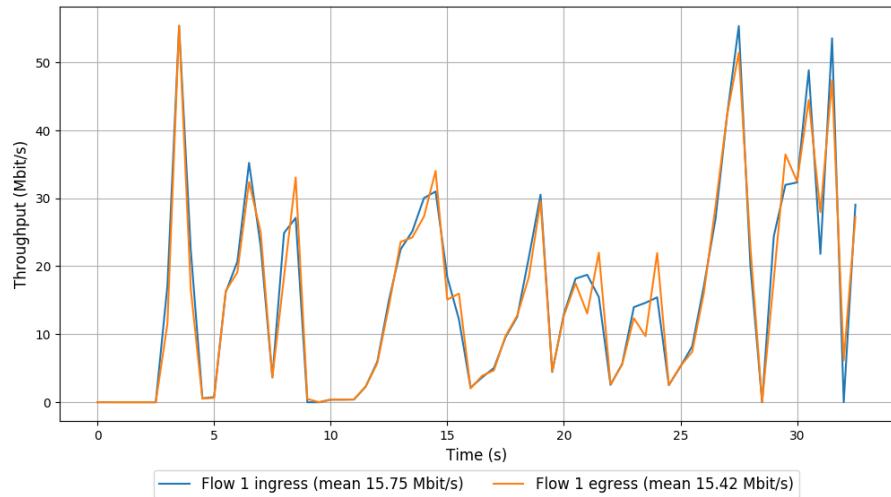


Run 1: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 20:55:20 +0000
End at: Mon, 19 Jun 2017 20:55:50 +0000
Local clock offset: 5.313 ms
Remote clock offset: -21.302 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:04:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 47.416 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 47.416 ms
Loss rate: 1.95%
```

Run 1: Report of Verus — Data Link

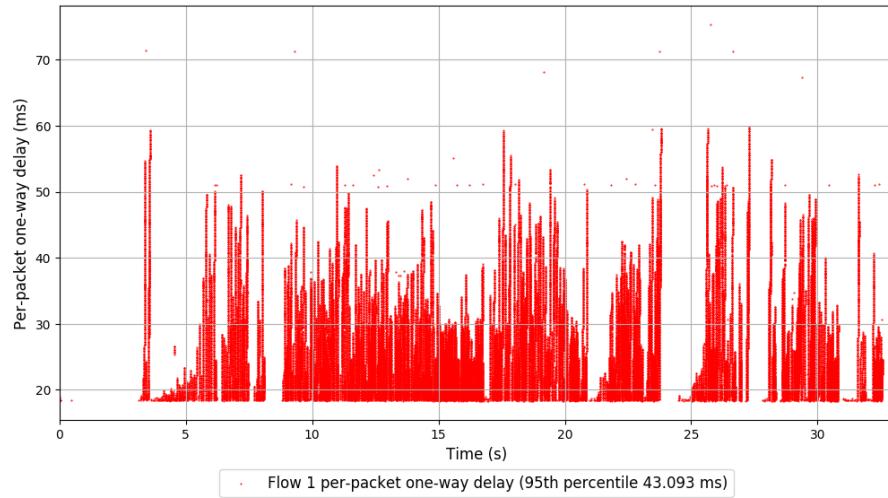
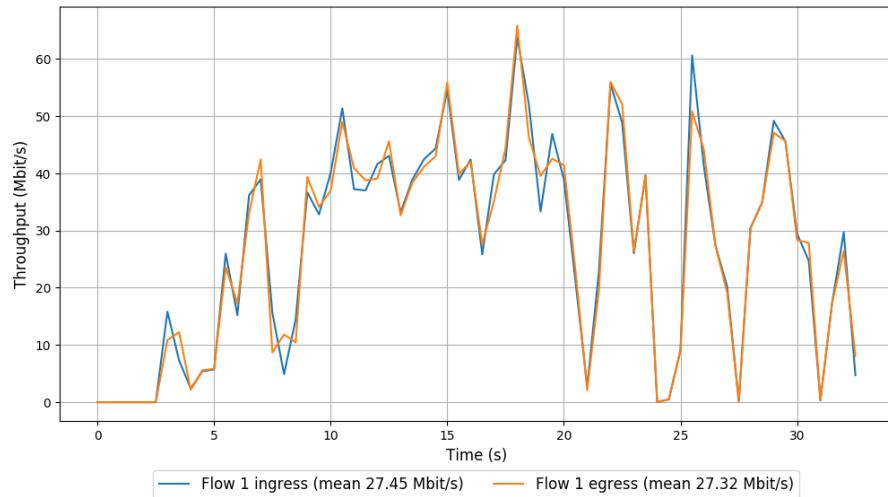


Run 2: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:14:16 +0000
End at: Mon, 19 Jun 2017 21:14:46 +0000
Local clock offset: 5.487 ms
Remote clock offset: -20.262 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:04:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 43.093 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 43.093 ms
Loss rate: 0.46%
```

Run 2: Report of Verus — Data Link

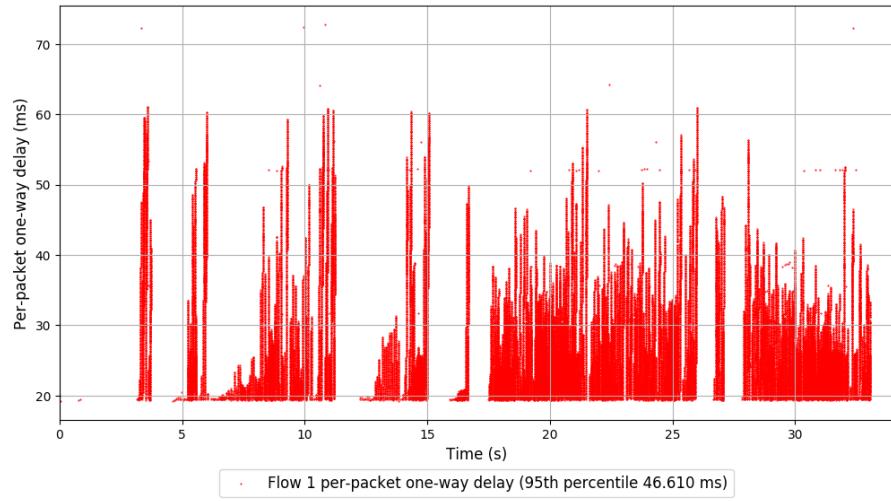
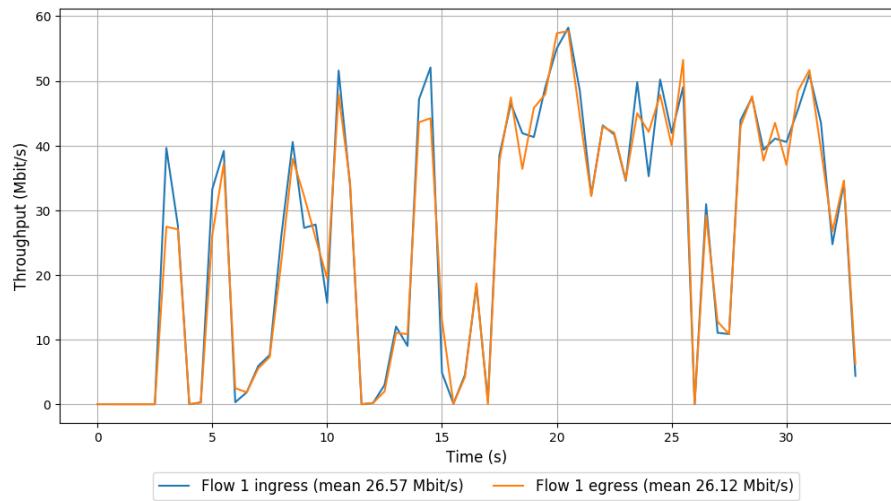


Run 3: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:33:36 +0000
End at: Mon, 19 Jun 2017 21:34:06 +0000
Local clock offset: 7.663 ms
Remote clock offset: -17.399 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:04:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 46.610 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 46.610 ms
Loss rate: 1.69%
```

Run 3: Report of Verus — Data Link

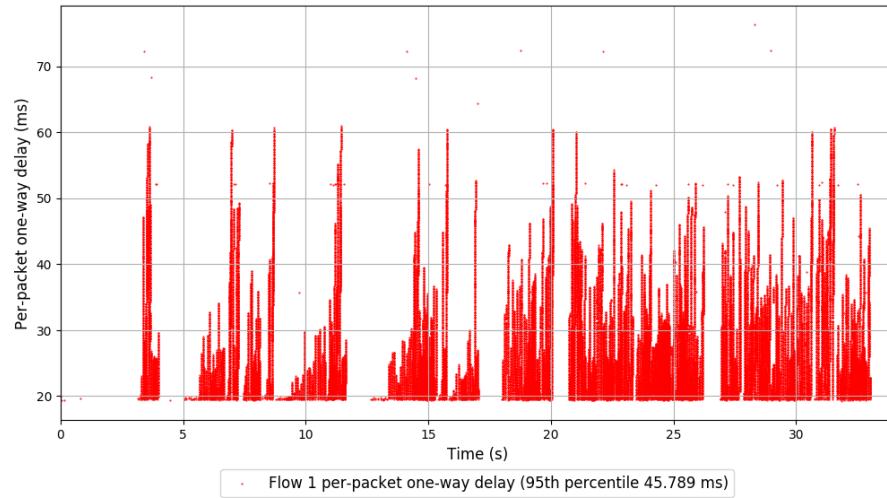
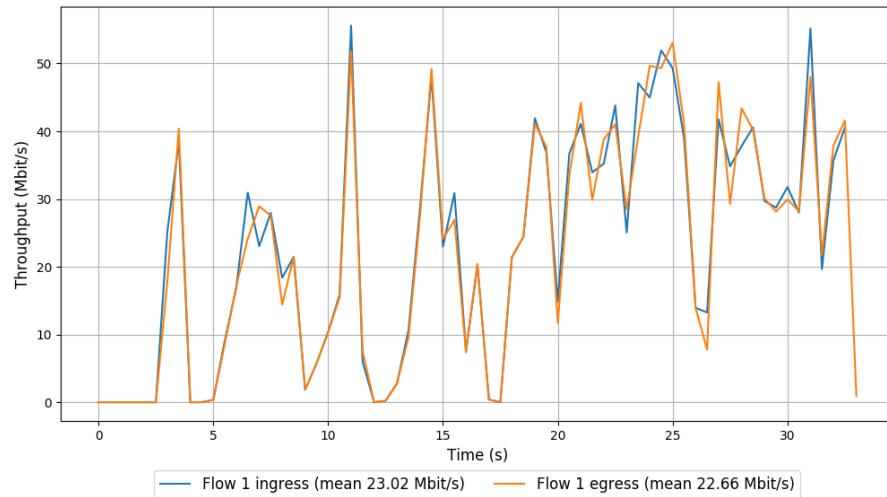


Run 4: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:52:40 +0000
End at: Mon, 19 Jun 2017 21:53:10 +0000
Local clock offset: 6.267 ms
Remote clock offset: -18.753 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:04:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 45.789 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 45.789 ms
Loss rate: 1.56%
```

Run 4: Report of Verus — Data Link

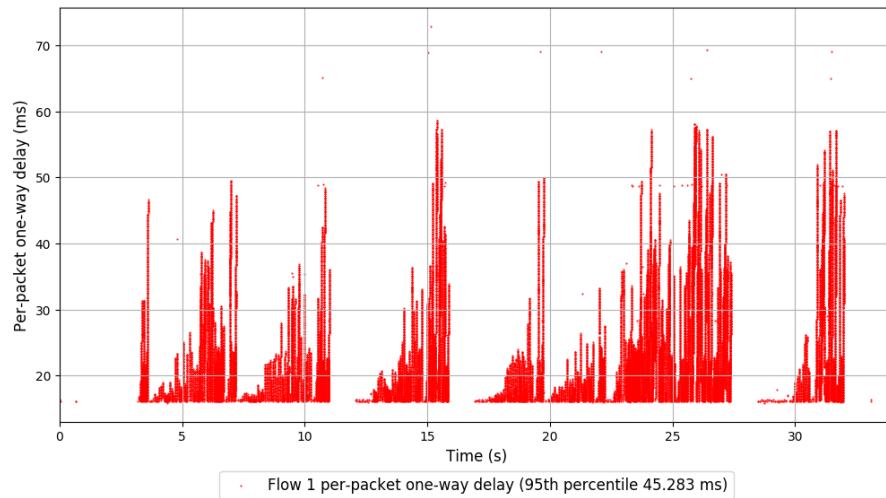
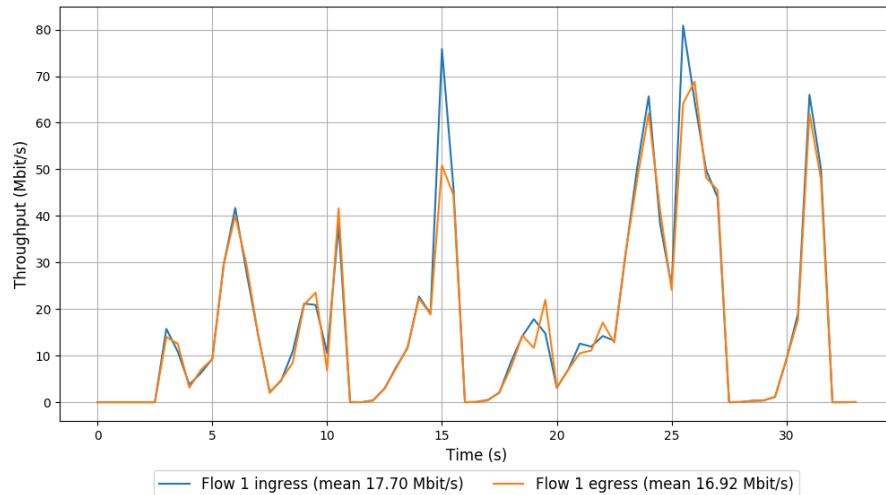


Run 5: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:11:36 +0000
End at: Mon, 19 Jun 2017 22:12:06 +0000
Local clock offset: 3.861 ms
Remote clock offset: -18.993 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 45.283 ms
Loss rate: 4.40%
-- Flow 1:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 45.283 ms
Loss rate: 4.40%
```

Run 5: Report of Verus — Data Link

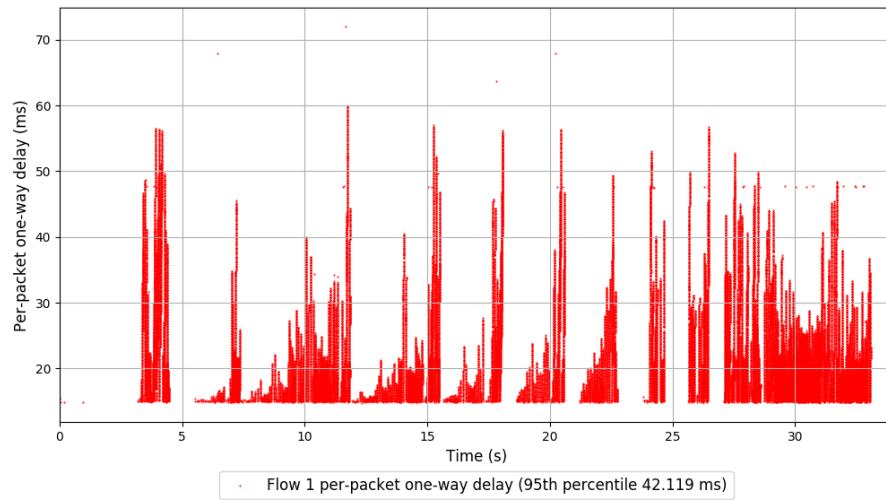
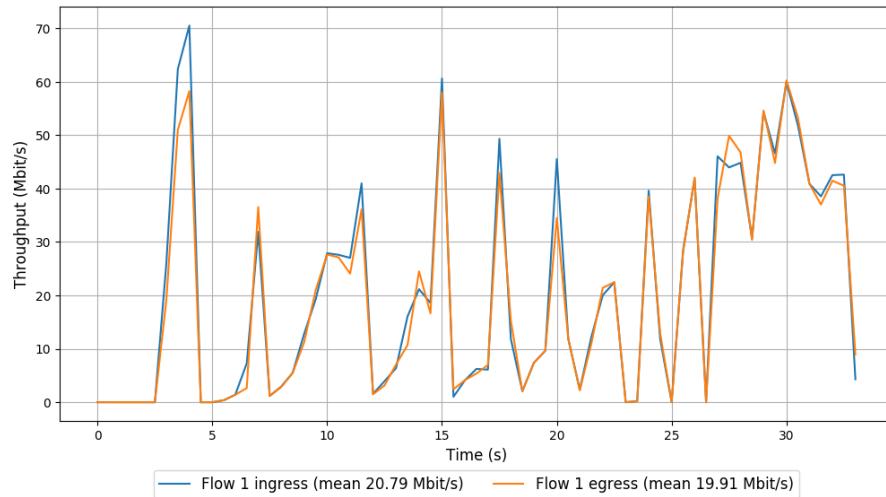


Run 6: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:30:34 +0000
End at: Mon, 19 Jun 2017 22:31:05 +0000
Local clock offset: 3.156 ms
Remote clock offset: -16.87 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 42.119 ms
Loss rate: 4.25%
-- Flow 1:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 42.119 ms
Loss rate: 4.25%
```

Run 6: Report of Verus — Data Link

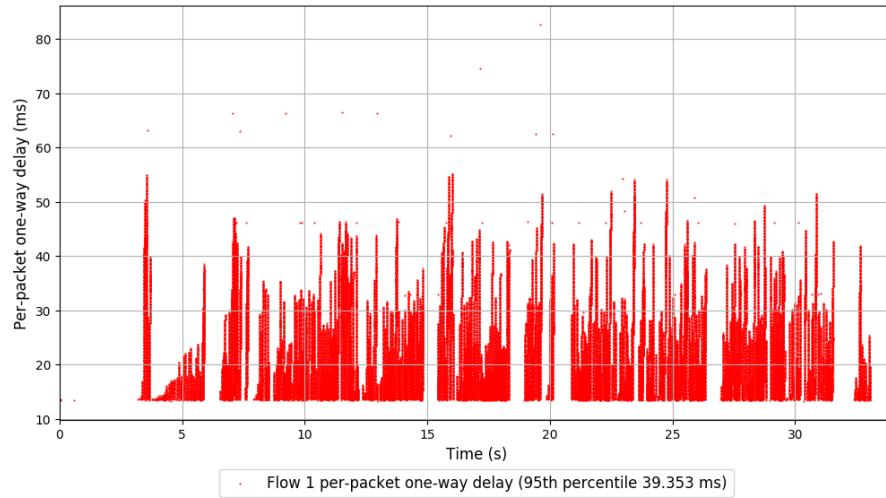
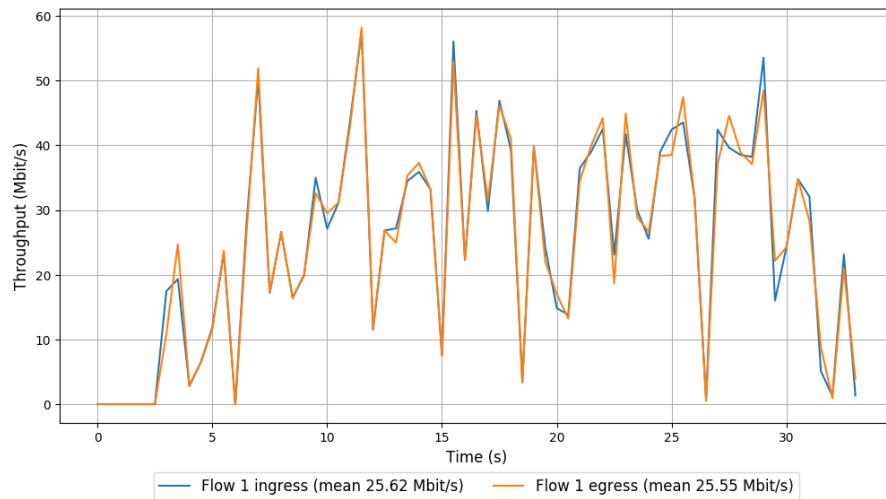


Run 7: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:49:30 +0000
End at: Mon, 19 Jun 2017 22:50:00 +0000
Local clock offset: -1.168 ms
Remote clock offset: -15.89 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 39.353 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 39.353 ms
Loss rate: 0.25%
```

Run 7: Report of Verus — Data Link

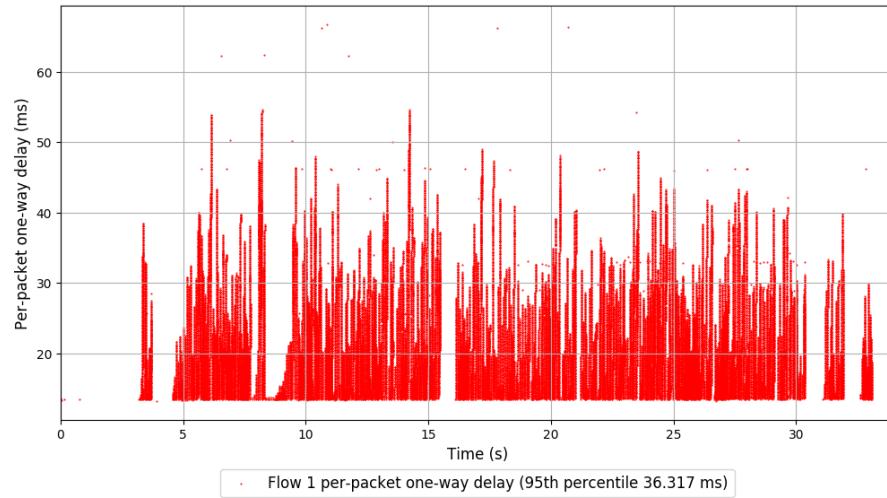
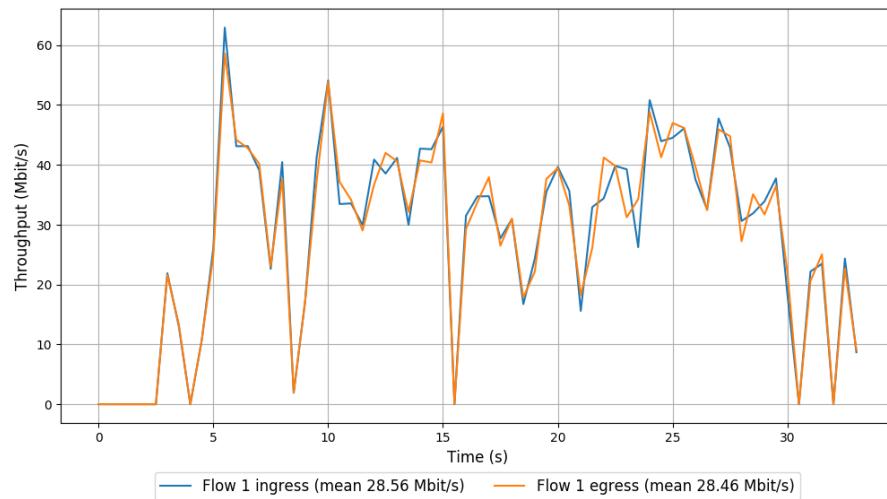


Run 8: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:08:34 +0000
End at: Mon, 19 Jun 2017 23:09:04 +0000
Local clock offset: 2.088 ms
Remote clock offset: -17.959 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 36.317 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 36.317 ms
Loss rate: 0.49%
```

Run 8: Report of Verus — Data Link

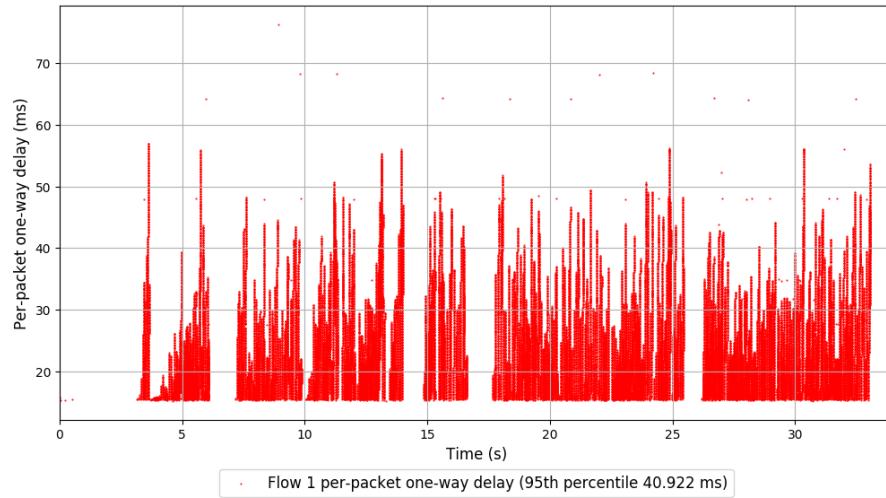
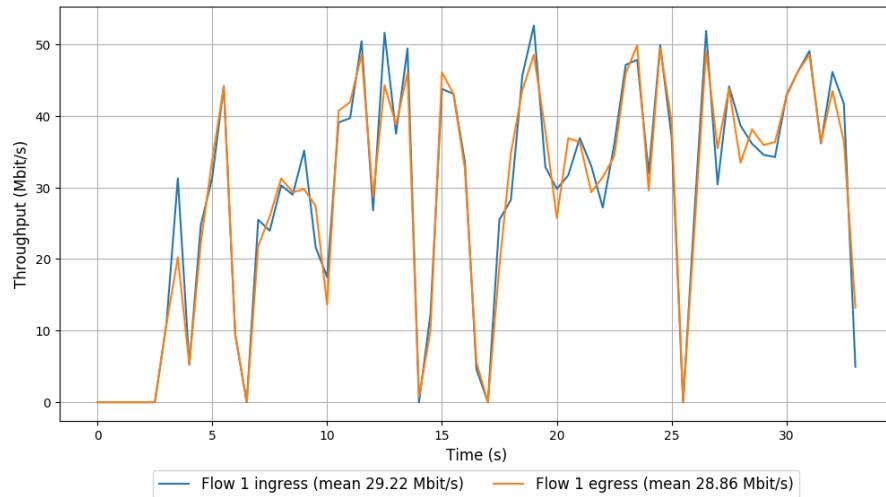


Run 9: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:27:41 +0000
End at: Mon, 19 Jun 2017 23:28:11 +0000
Local clock offset: 2.733 ms
Remote clock offset: -18.625 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 40.922 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 40.922 ms
Loss rate: 1.10%
```

Run 9: Report of Verus — Data Link

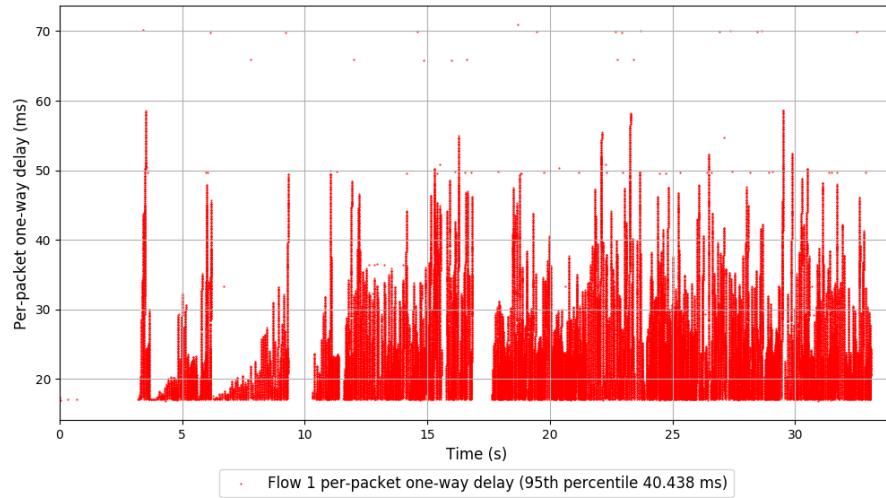
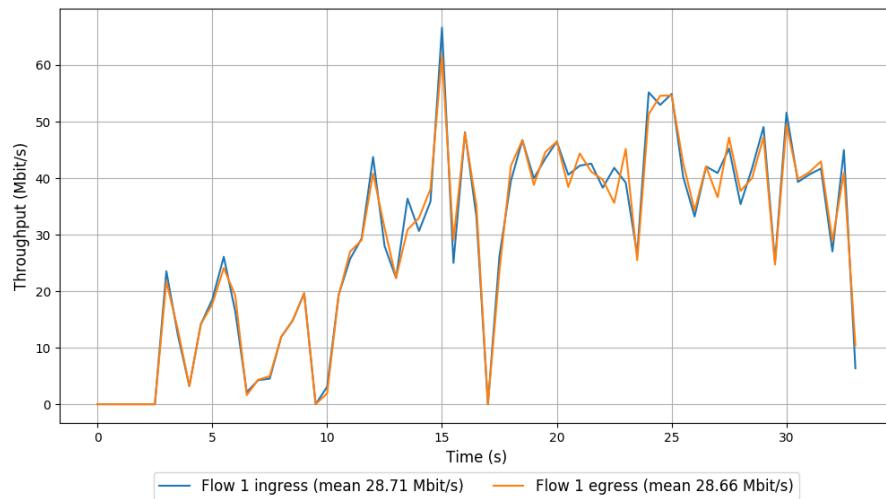


Run 10: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:46:44 +0000
End at: Mon, 19 Jun 2017 23:47:14 +0000
Local clock offset: 6.824 ms
Remote clock offset: -17.751 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 40.438 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 40.438 ms
Loss rate: 0.16%
```

Run 10: Report of Verus — Data Link

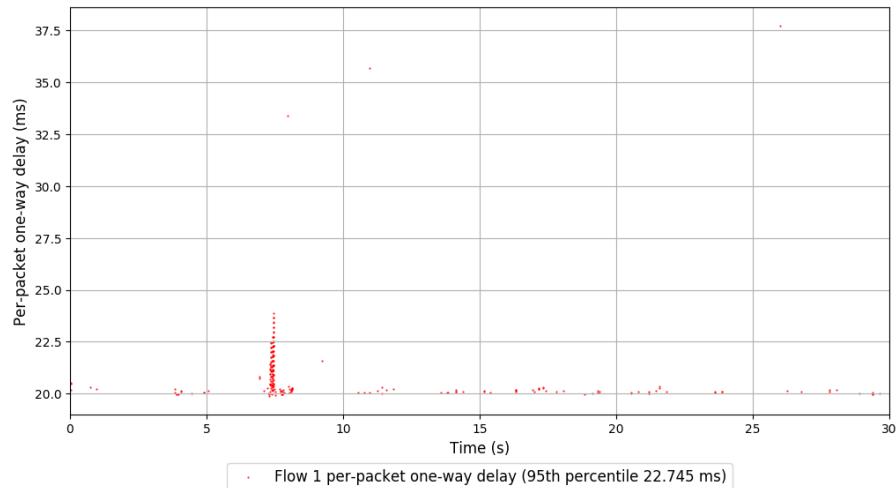
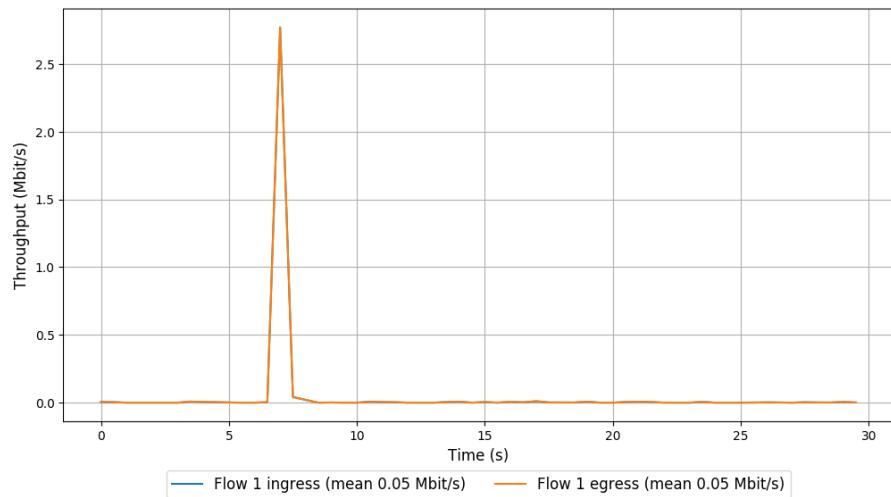


```
Run 1: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 20:57:42 +0000
End at: Mon, 19 Jun 2017 20:58:12 +0000
Local clock offset: 7.378 ms
Remote clock offset: -19.643 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:05:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

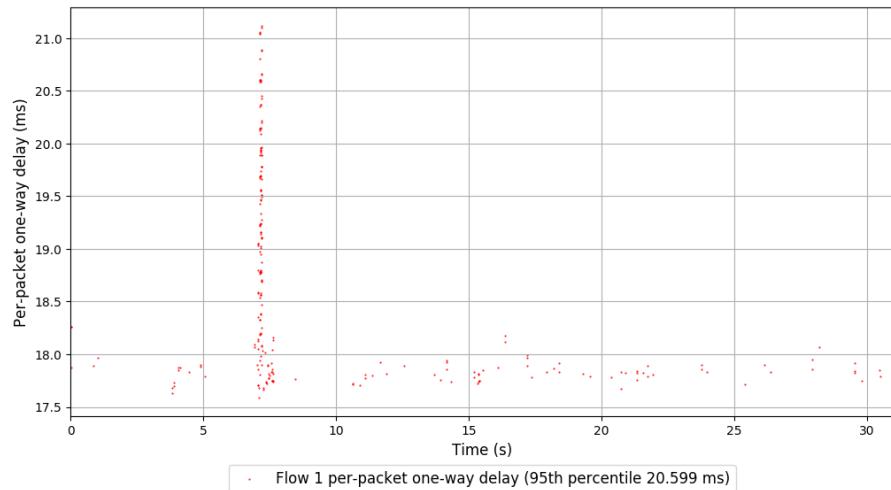
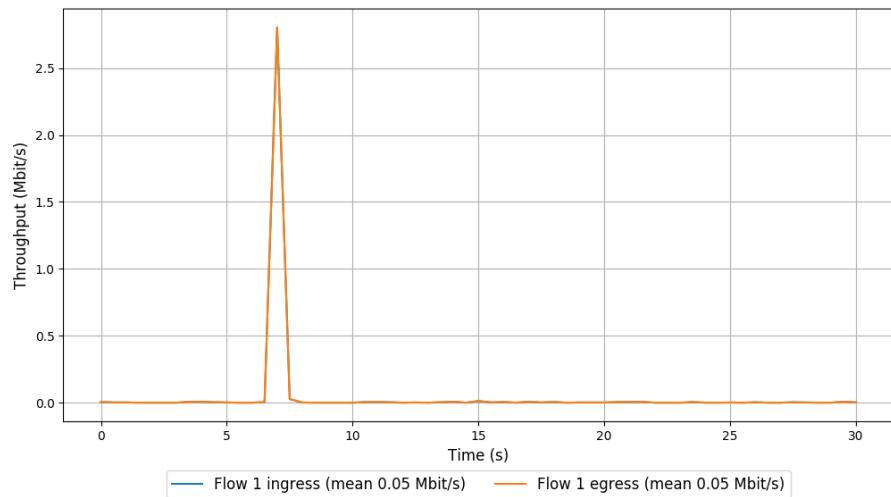


```
Run 2: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 21:16:45 +0000
End at: Mon, 19 Jun 2017 21:17:15 +0000
Local clock offset: 4.578 ms
Remote clock offset: -20.187 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.599 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

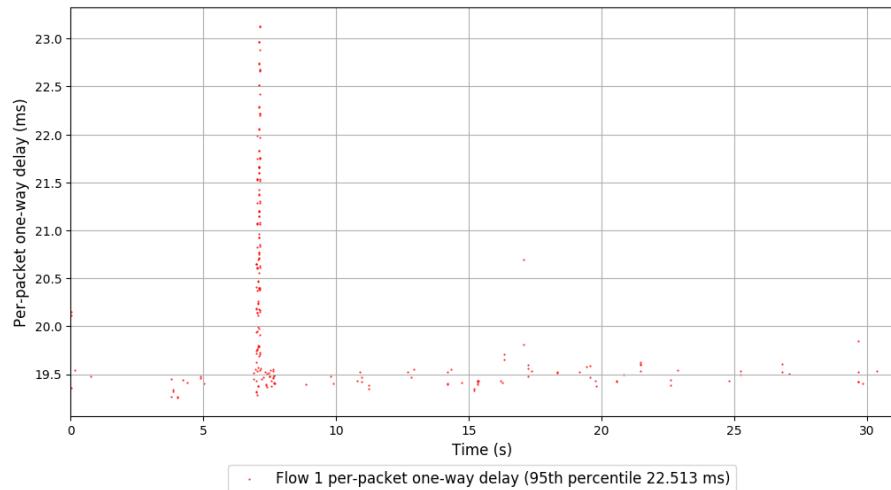
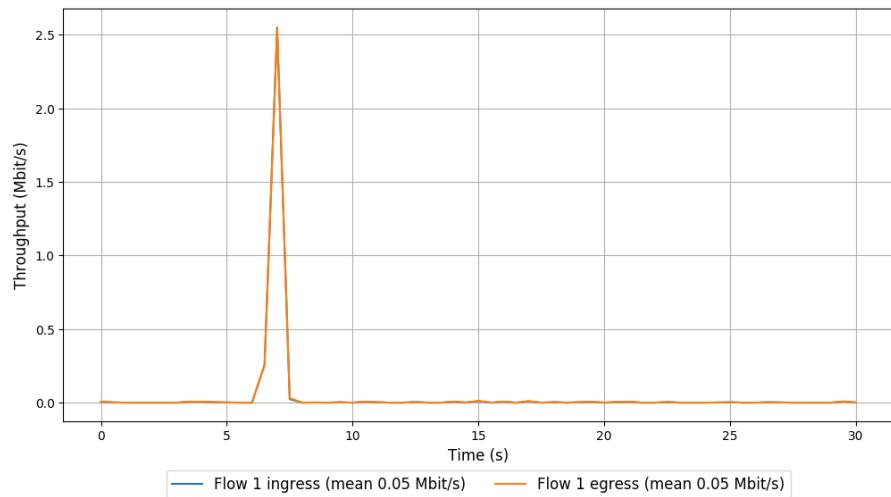


```
Run 3: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 21:36:02 +0000
End at: Mon, 19 Jun 2017 21:36:32 +0000
Local clock offset: 8.947 ms
Remote clock offset: -19.614 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.513 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.513 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

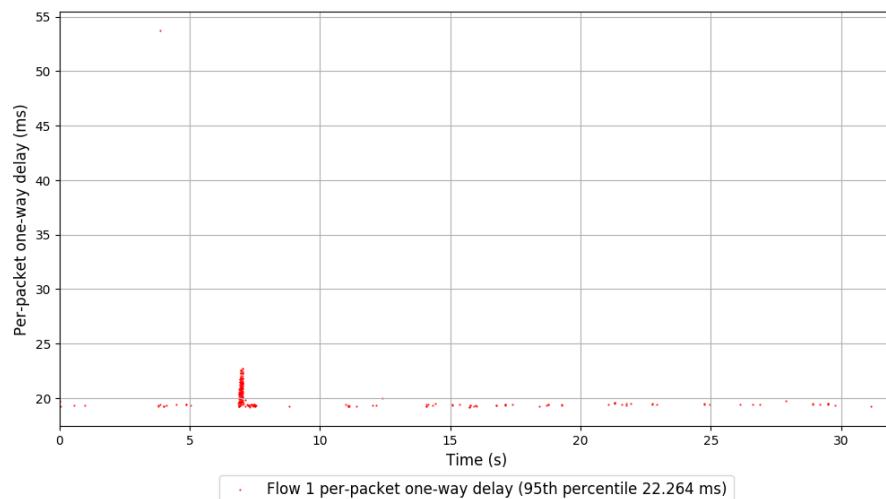
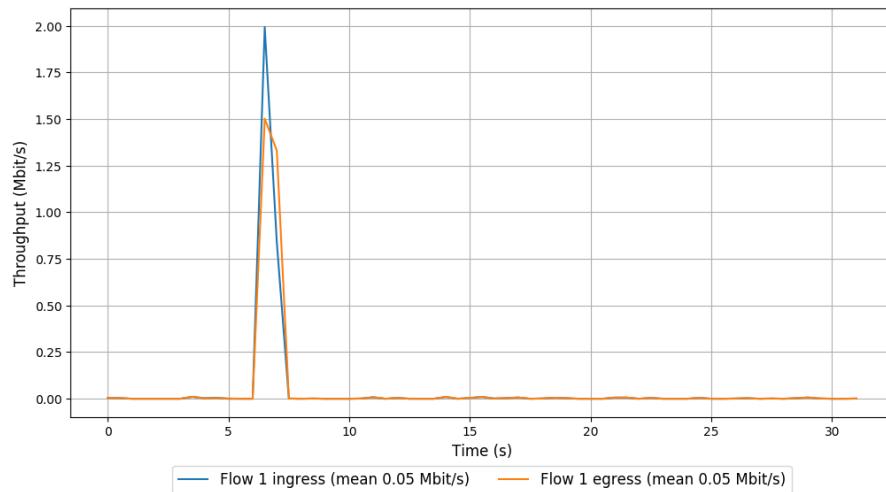


Run 4: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 21:55:06 +0000
End at: Mon, 19 Jun 2017 21:55:36 +0000
Local clock offset: 6.777 ms
Remote clock offset: -19.341 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 22.264 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

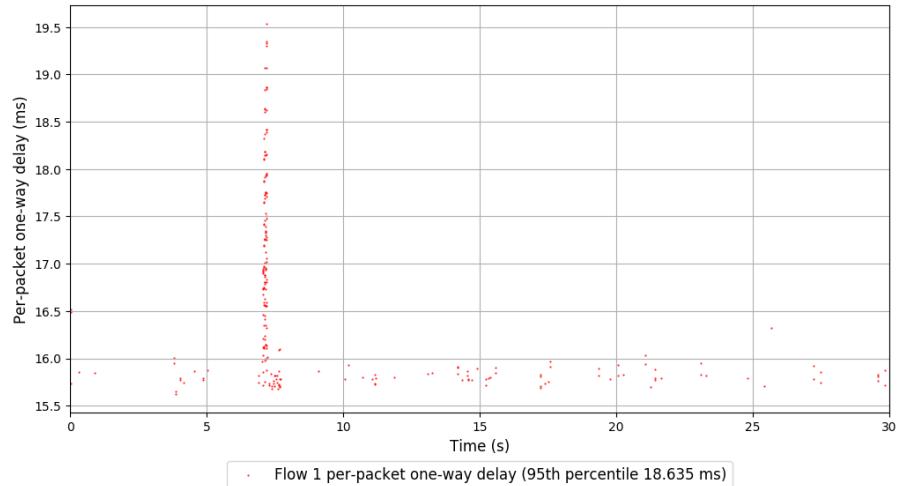
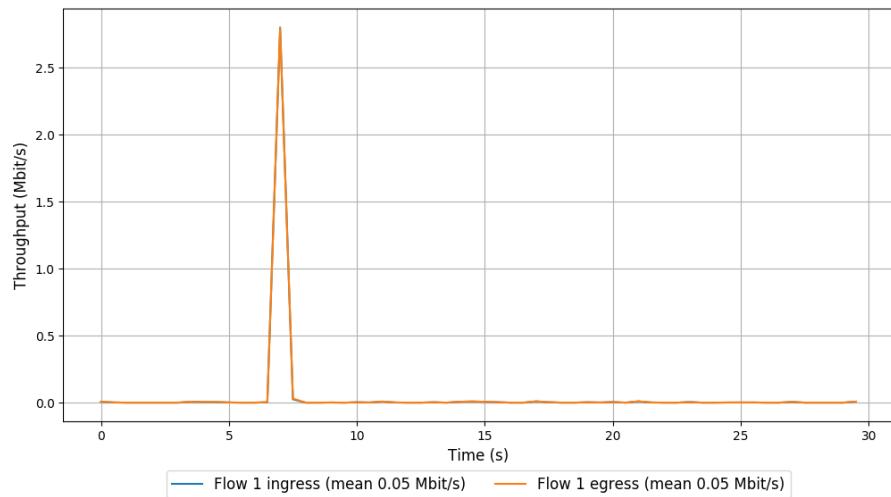


```
Run 5: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:13:59 +0000
End at: Mon, 19 Jun 2017 22:14:29 +0000
Local clock offset: 4.216 ms
Remote clock offset: -18.896 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 18.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 18.635 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

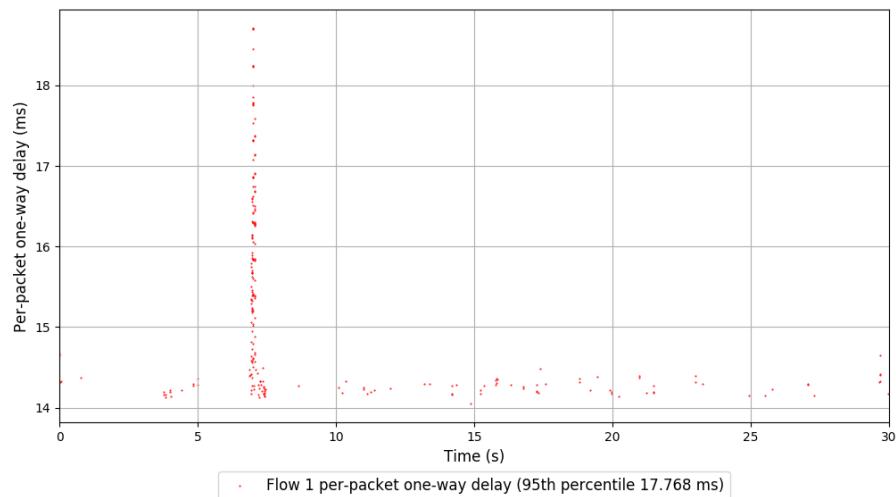
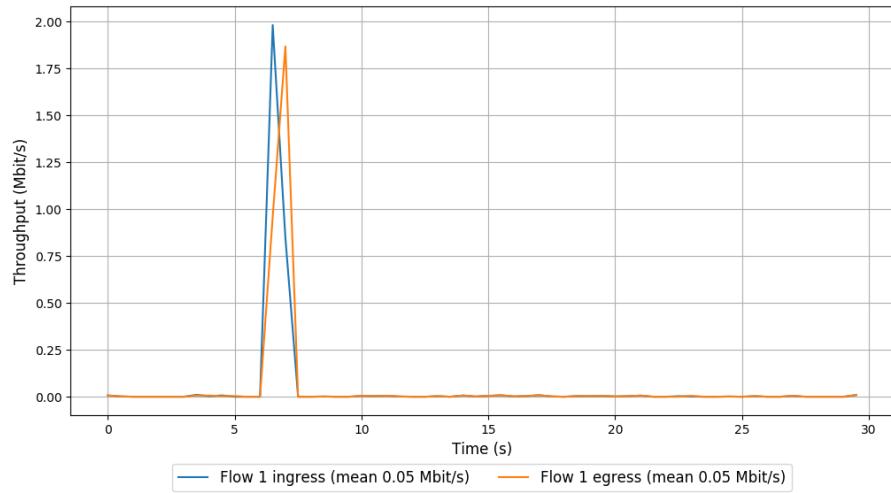


```
Run 6: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:32:59 +0000
End at: Mon, 19 Jun 2017 22:33:29 +0000
Local clock offset: 3.229 ms
Remote clock offset: -17.932 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 17.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 17.768 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:51:58 +0000

End at: Mon, 19 Jun 2017 22:52:28 +0000

Local clock offset: 2.154 ms

Remote clock offset: -18.557 ms

Below is generated by plot.py at Tue, 20 Jun 2017 05:06:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 16.157 ms

Loss rate: 0.00%

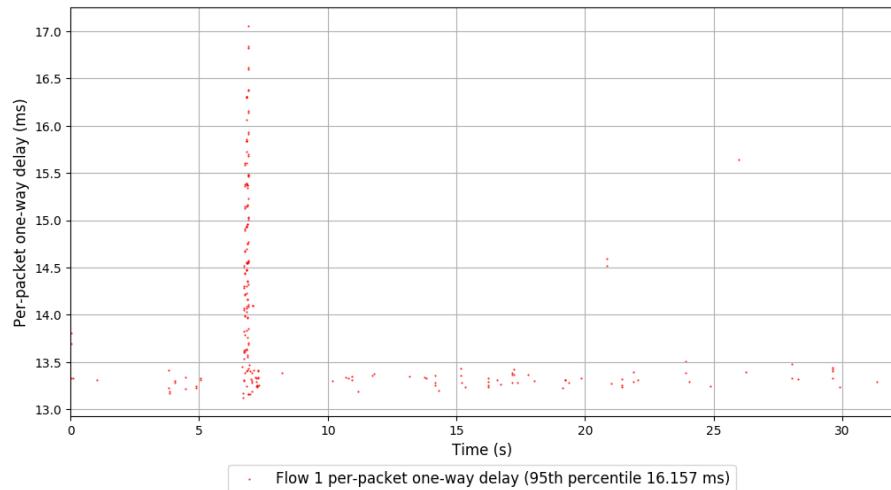
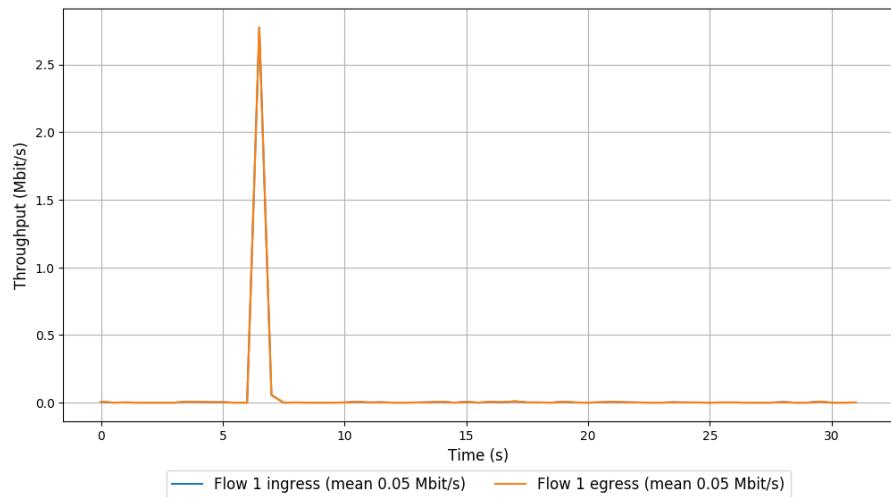
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 16.157 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

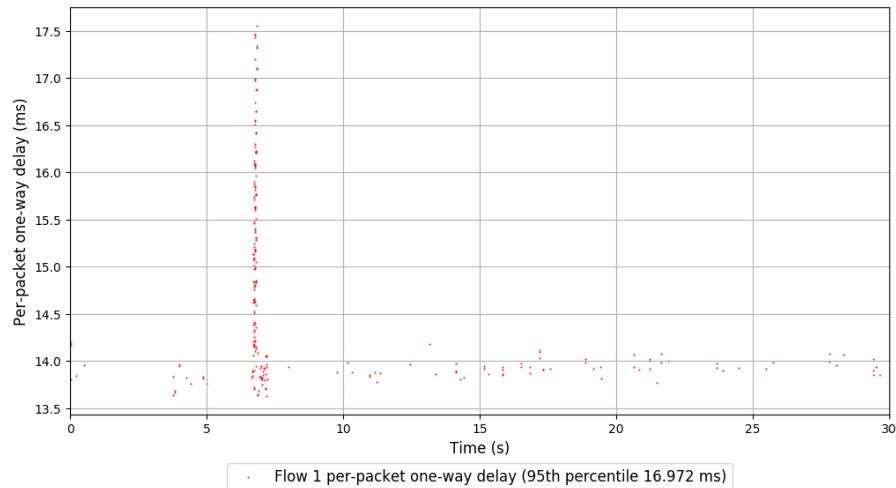
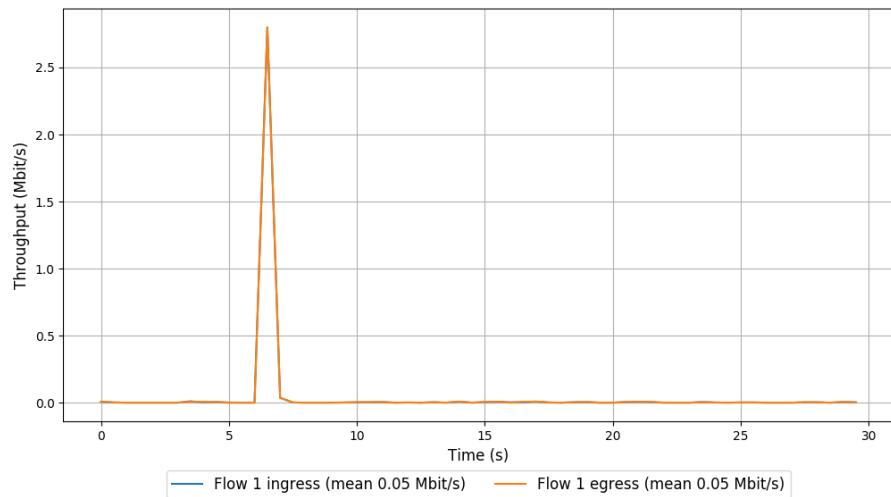


```
Run 8: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:11:04 +0000
End at: Mon, 19 Jun 2017 23:11:34 +0000
Local clock offset: 2.875 ms
Remote clock offset: -18.56 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 16.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 16.972 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

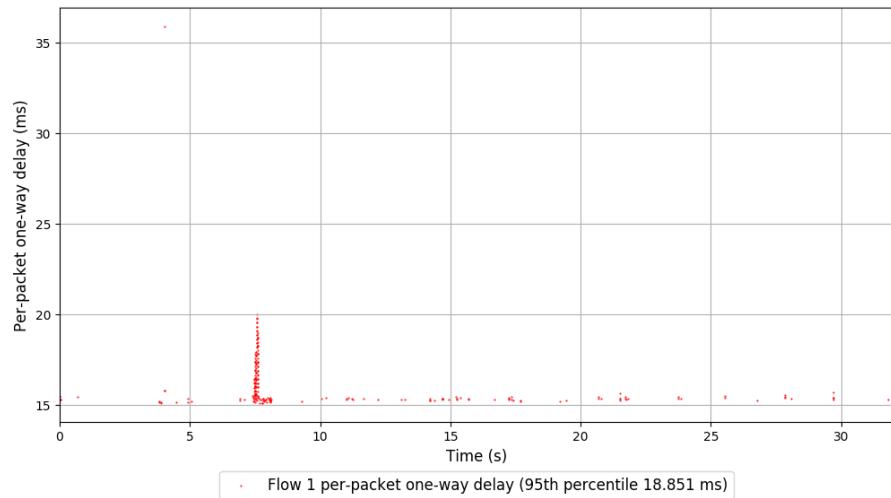
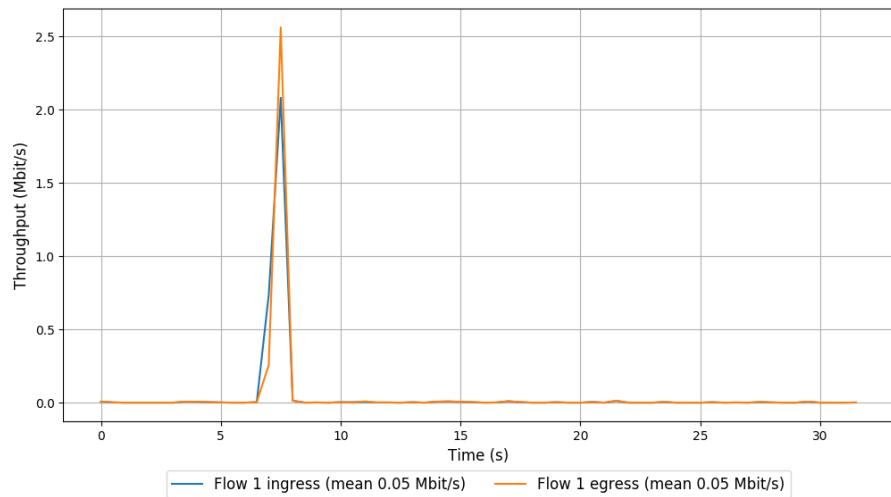


```
Run 9: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:30:10 +0000
End at: Mon, 19 Jun 2017 23:30:40 +0000
Local clock offset: 5.174 ms
Remote clock offset: -16.719 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 18.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 18.851 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:49:12 +0000
End at: Mon, 19 Jun 2017 23:49:42 +0000
Local clock offset: 3.851 ms
Remote clock offset: -18.392 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:06:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.848 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

