

Pantheon Summary (Generated at Wed, 14 Jun 2017 04:48:03 +0000 with
pantheon version 0502c2c57571426cde66b34b88203c82b91e4e5c)

Repeated the test of 15 congestion control schemes 10 times.

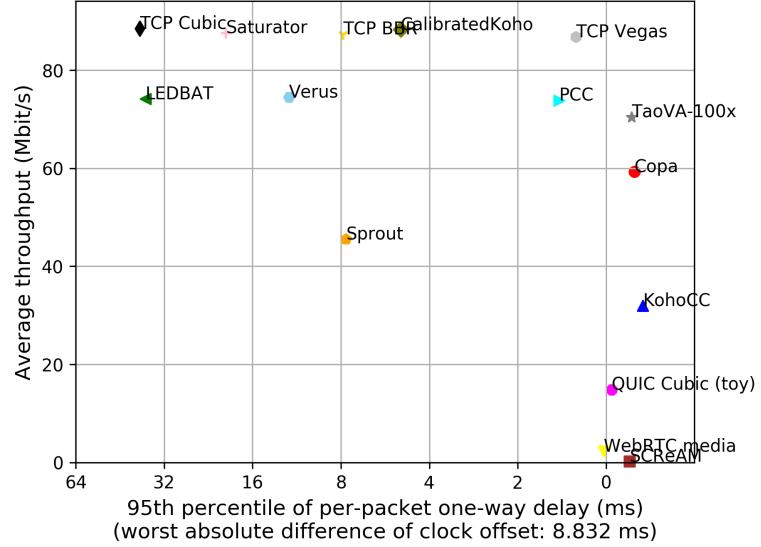
Each test lasted for 30 seconds running 1 flow.

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

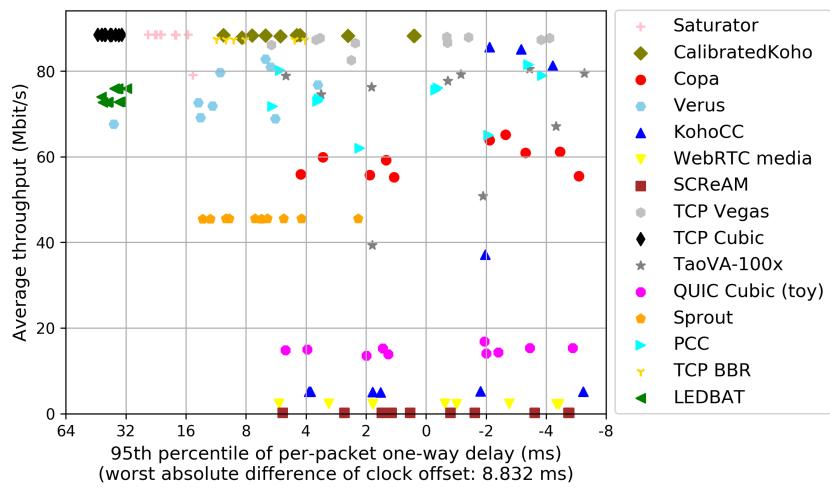
NTP offset measured against gps.ntp.br.

```
git branch: master @ 0502c2c57571426cde66b34b88203c82b91e4e5c
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
```

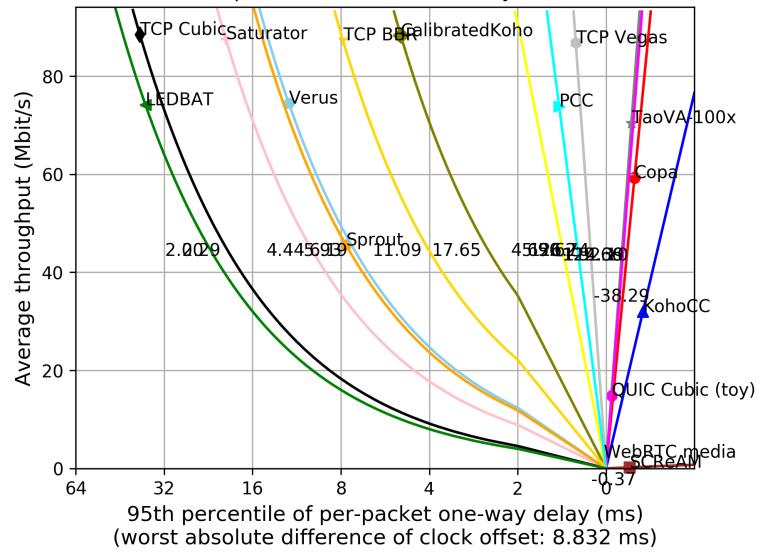
test from AWS Brazil 1 Ethernet to Brazil Ethernet, runs 10 of 30s each per scheme
mean of all runs by scheme



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



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

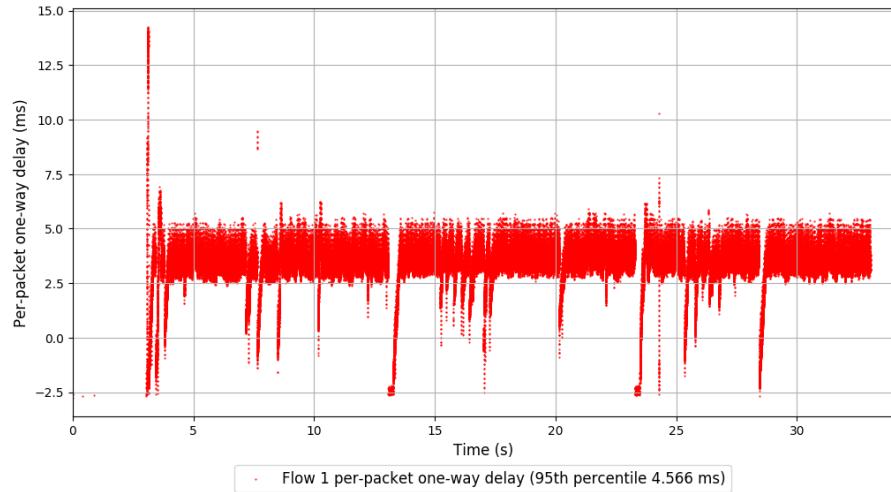
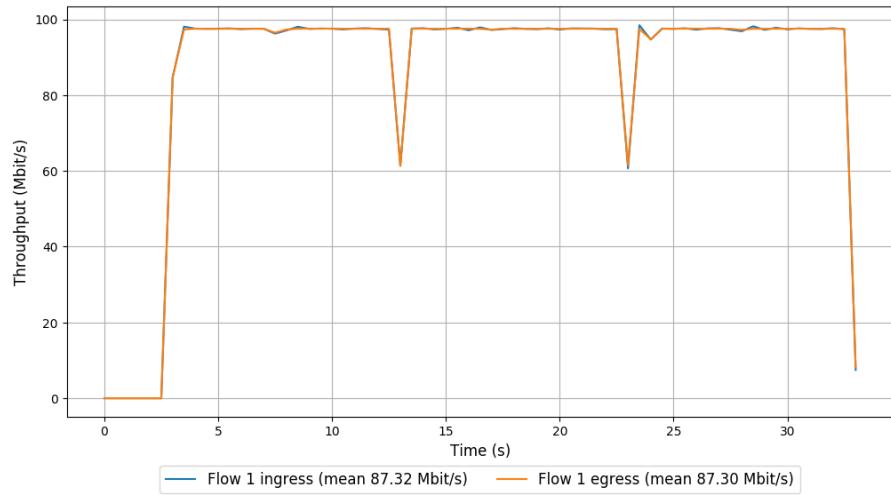


Run 1: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 18:39:26 +0000
End at: Tue, 13 Jun 2017 18:39:56 +0000
Local clock offset: -5.013 ms
Remote clock offset: -0.44 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:02:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 4.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 4.566 ms
Loss rate: 0.00%
```

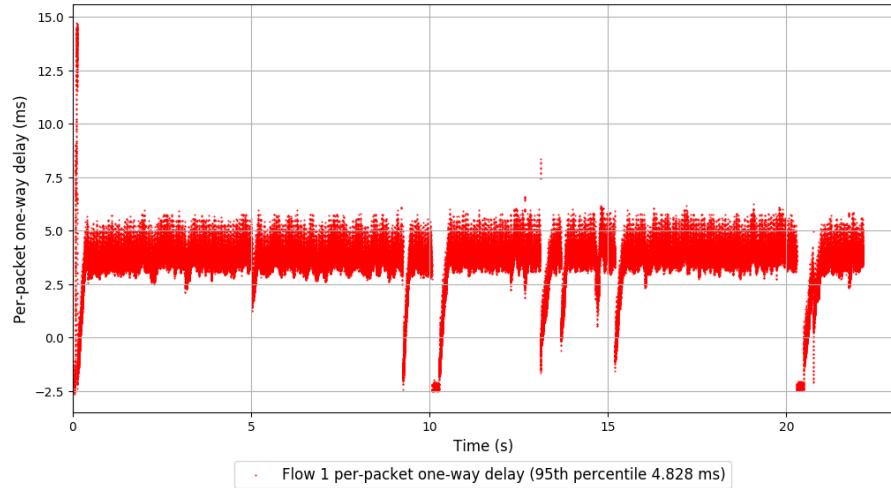
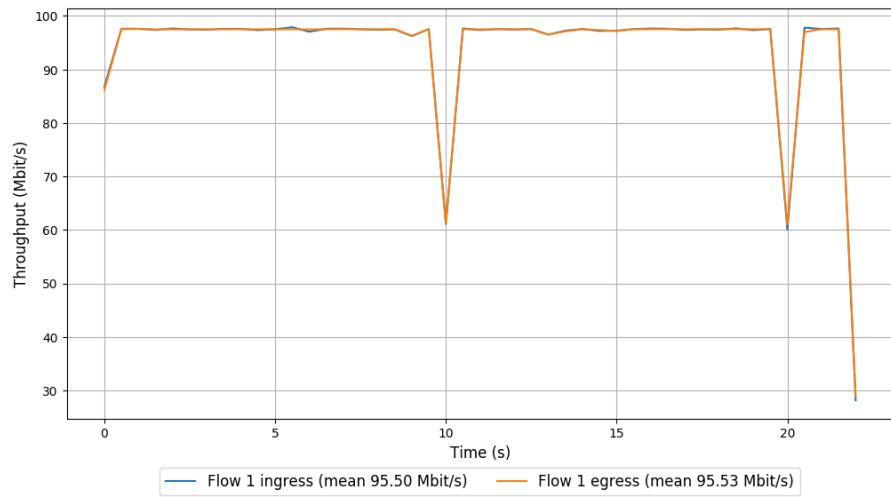
Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Tue, 13 Jun 2017 18:56:27 +0000
End at: Tue, 13 Jun 2017 18:56:57 +0000
Local clock offset: -5.121 ms
Remote clock offset: -0.397 ms

Run 2: Report of TCP BBR — Data Link

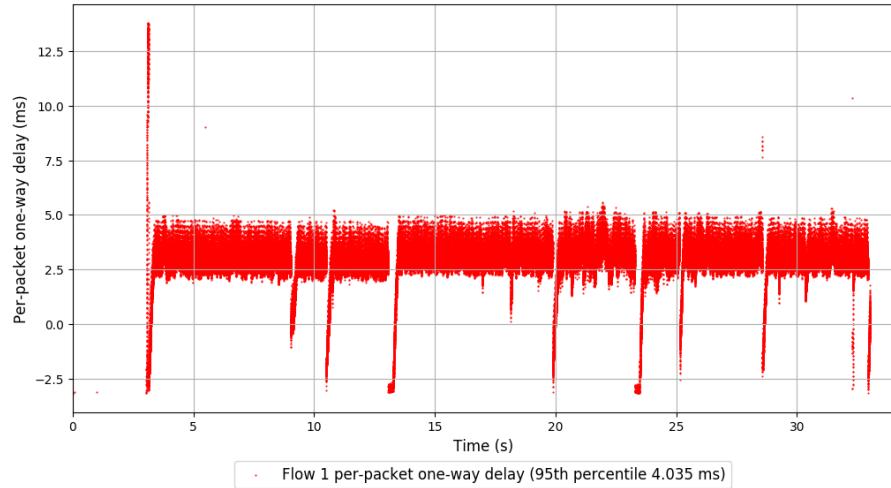
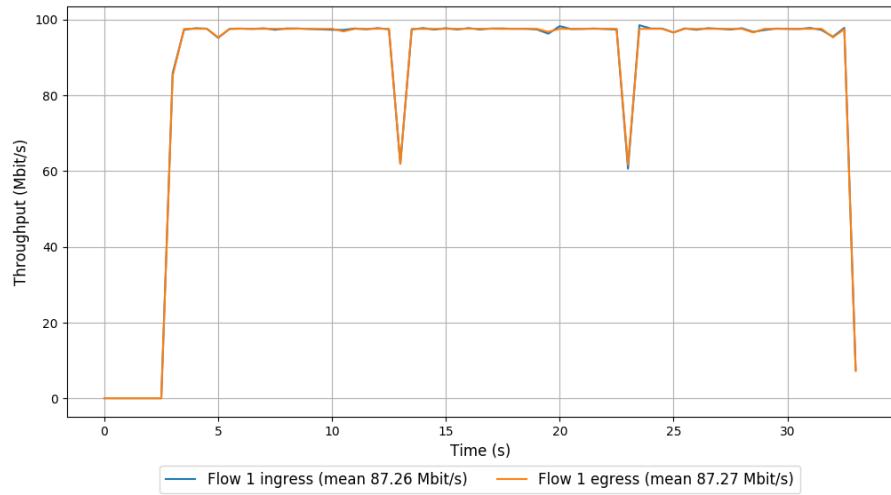


Run 3: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 19:13:44 +0000
End at: Tue, 13 Jun 2017 19:14:14 +0000
Local clock offset: -5.116 ms
Remote clock offset: -0.183 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:03:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 4.035 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 4.035 ms
Loss rate: 0.02%
```

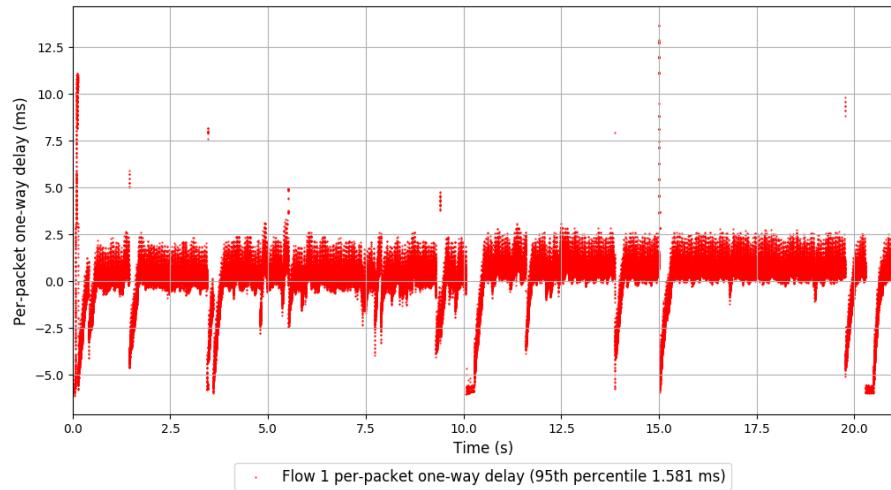
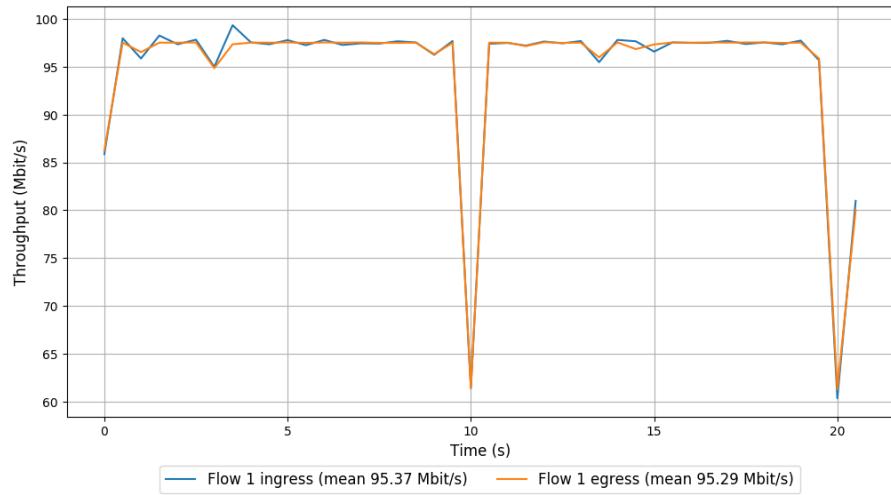
Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Tue, 13 Jun 2017 19:30:44 +0000
End at: Tue, 13 Jun 2017 19:31:14 +0000
Local clock offset: -7.996 ms
Remote clock offset: 0.028 ms

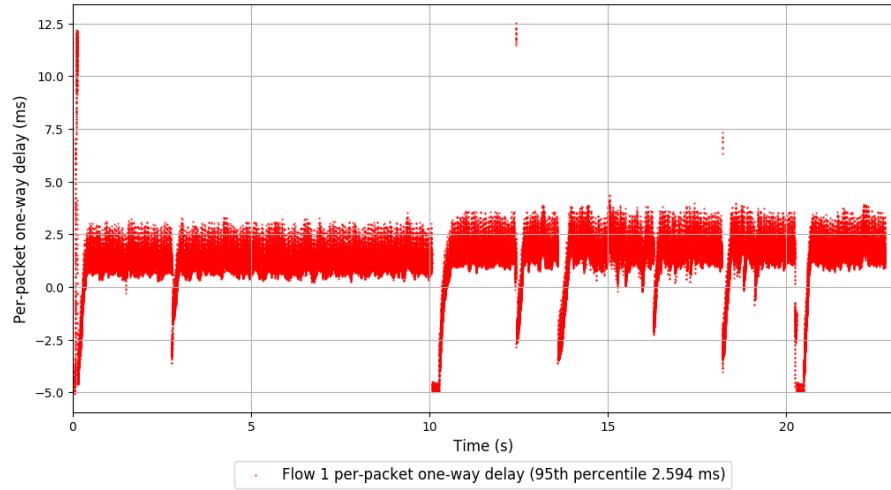
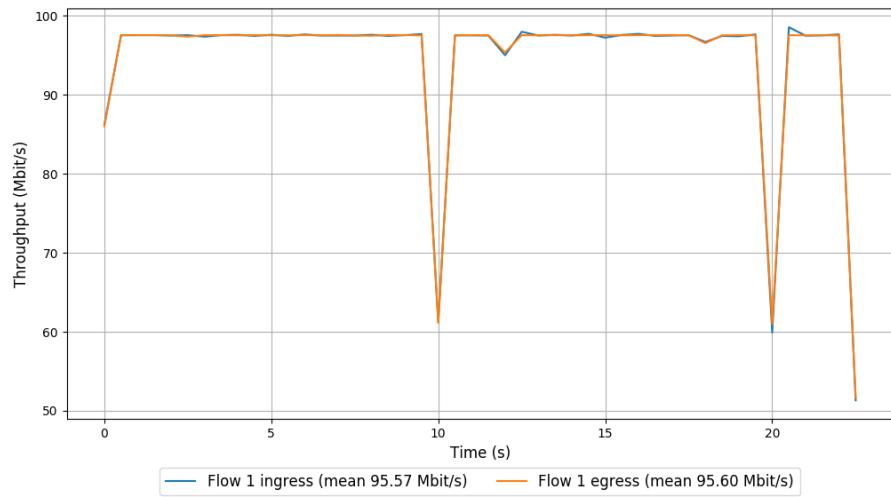
Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Tue, 13 Jun 2017 19:47:40 +0000
End at: Tue, 13 Jun 2017 19:48:10 +0000
Local clock offset: -6.835 ms
Remote clock offset: 0.254 ms

Run 5: Report of TCP BBR — Data Link

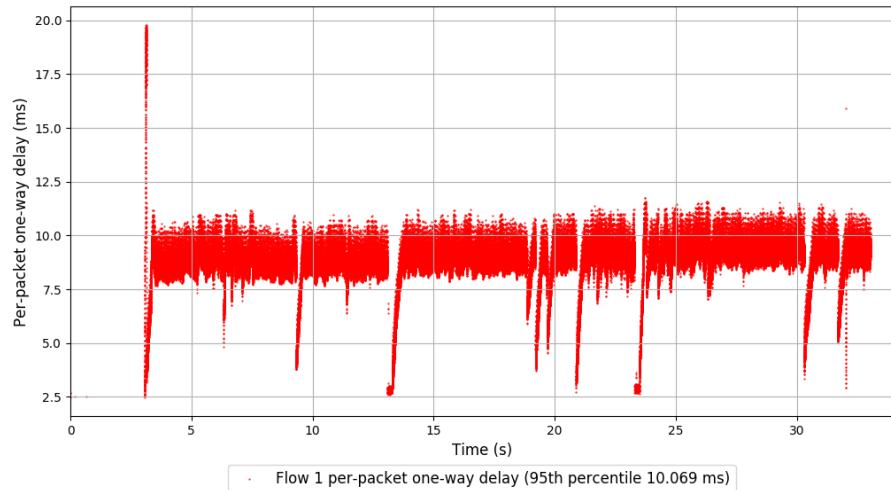
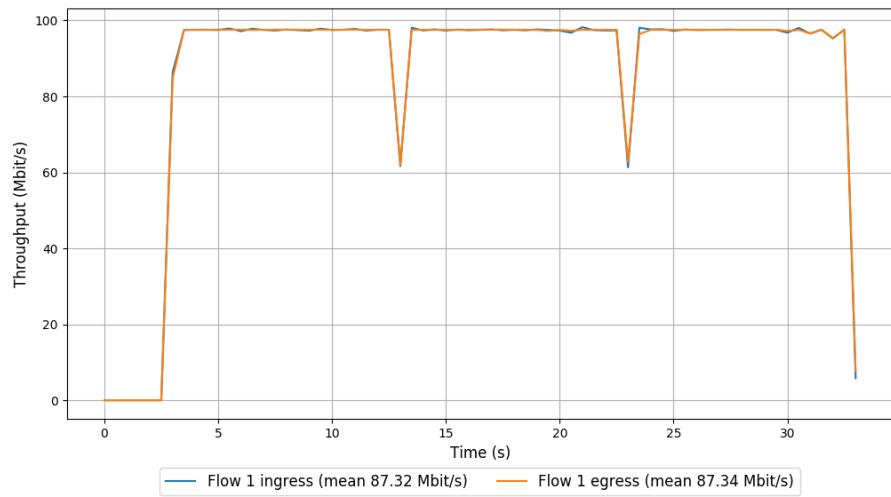


Run 6: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:04:43 +0000
End at: Tue, 13 Jun 2017 20:05:13 +0000
Local clock offset: 0.815 ms
Remote clock offset: 0.467 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:04:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 10.069 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 10.069 ms
Loss rate: 0.00%
```

Run 6: Report of TCP BBR — Data Link

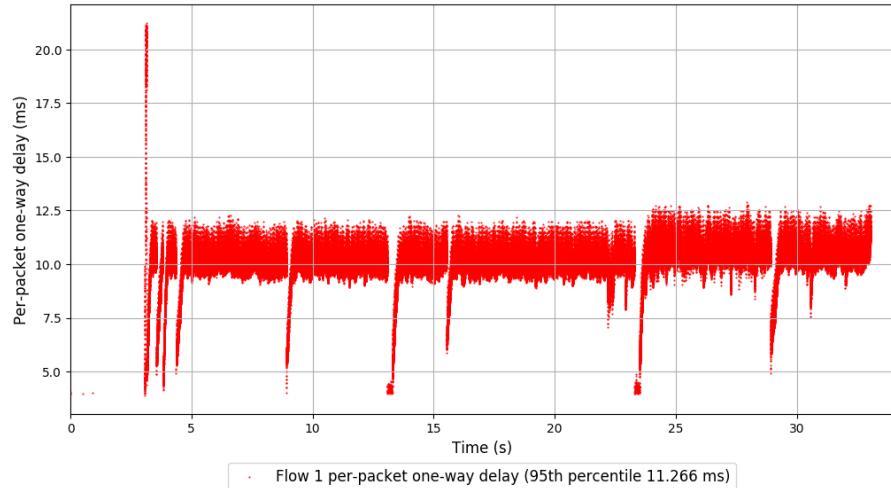
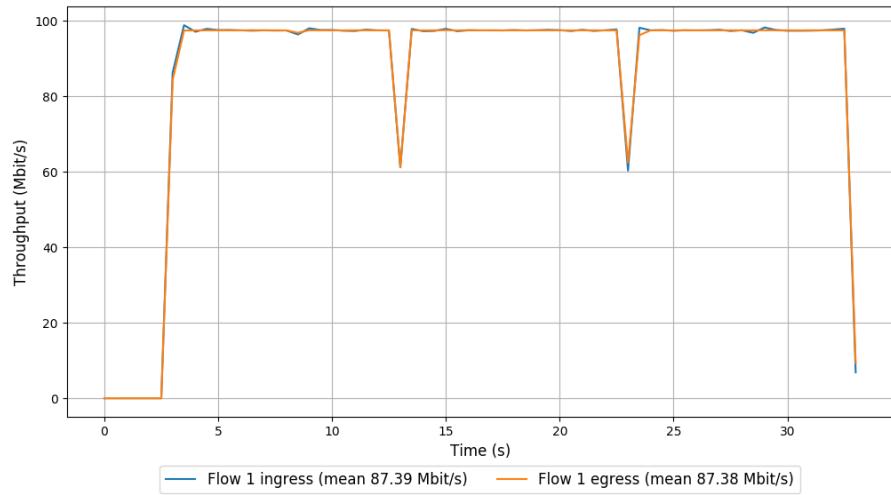


Run 7: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:21:40 +0000
End at: Tue, 13 Jun 2017 20:22:10 +0000
Local clock offset: 2.593 ms
Remote clock offset: 0.636 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:04:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 11.266 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 11.266 ms
Loss rate: 0.03%
```

Run 7: Report of TCP BBR — Data Link

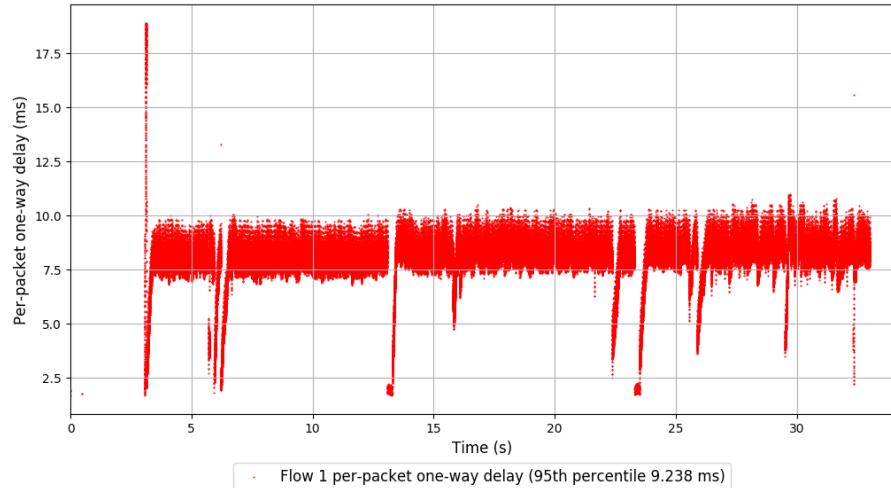
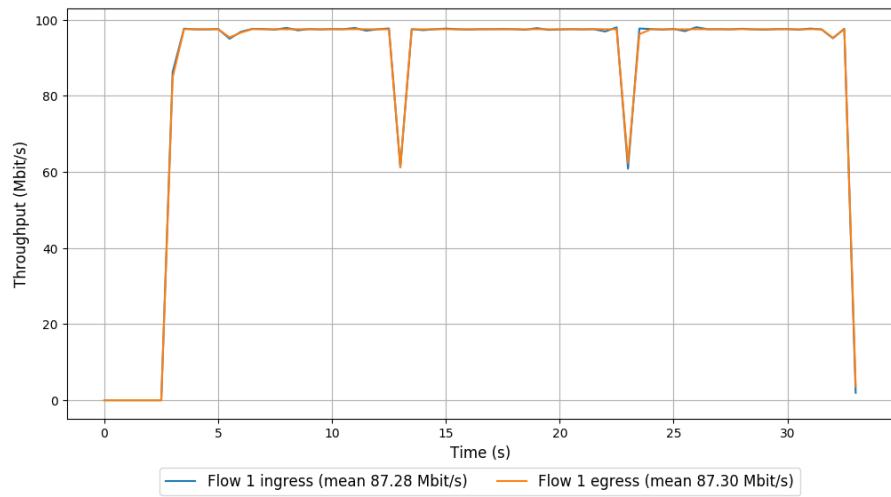


Run 8: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:38:37 +0000
End at: Tue, 13 Jun 2017 20:39:07 +0000
Local clock offset: 0.413 ms
Remote clock offset: 0.715 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:04:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 9.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 9.238 ms
Loss rate: 0.00%
```

Run 8: Report of TCP BBR — Data Link

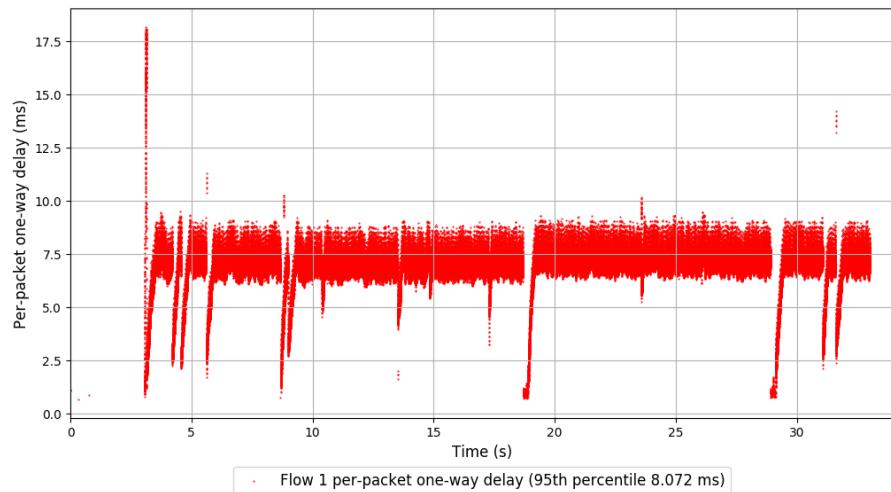
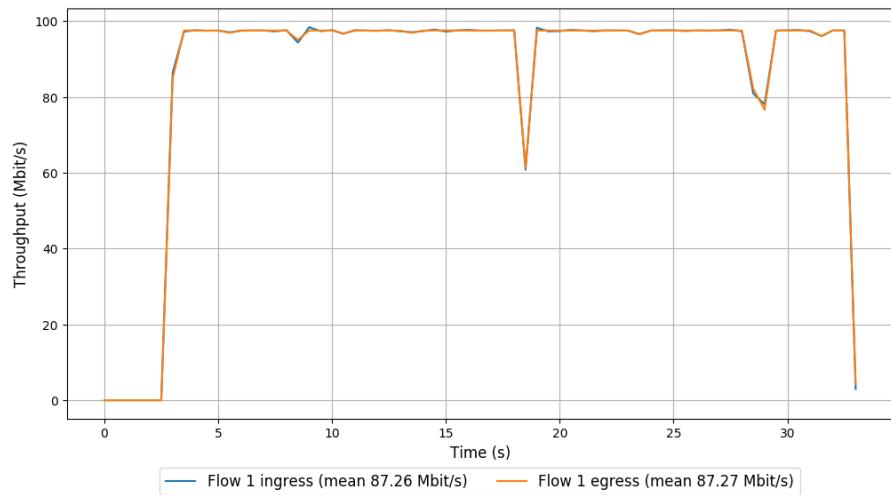


Run 9: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 20:55:29 +0000
End at: Tue, 13 Jun 2017 20:55:59 +0000
Local clock offset: -0.578 ms
Remote clock offset: 0.732 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:05:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 8.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 8.072 ms
Loss rate: 0.00%
```

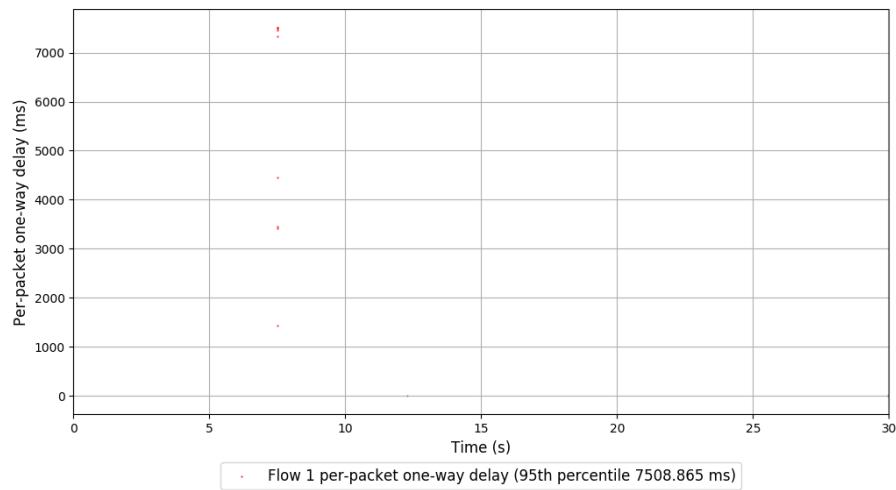
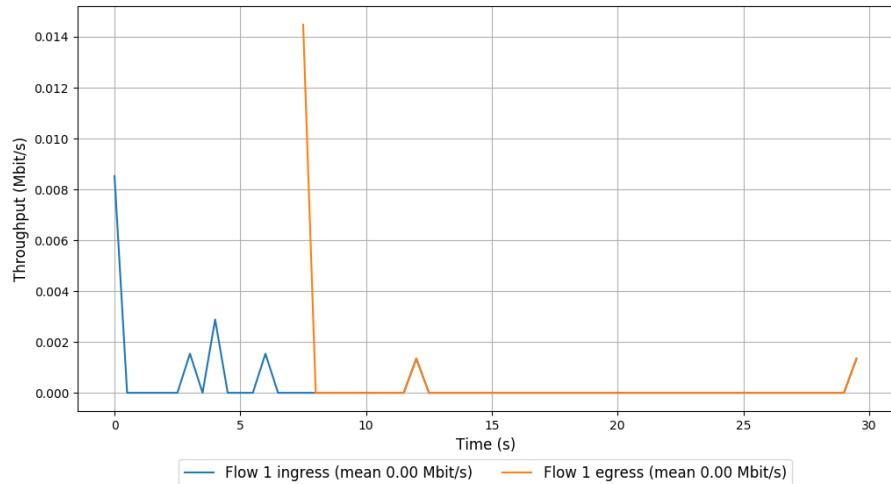
Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Tue, 13 Jun 2017 21:12:26 +0000
End at: Tue, 13 Jun 2017 21:12:56 +0000
Local clock offset: -0.451 ms
Remote clock offset: 0.717 ms

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Tue, 13 Jun 2017 18:32:42 +0000
```

```
End at: Tue, 13 Jun 2017 18:33:12 +0000
```

```
Local clock offset: -4.48 ms
```

```
Remote clock offset: -0.367 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 04:05:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.39 Mbit/s
```

```
95th percentile per-packet one-way delay: 4.458 ms
```

```
Loss rate: 0.00%
```

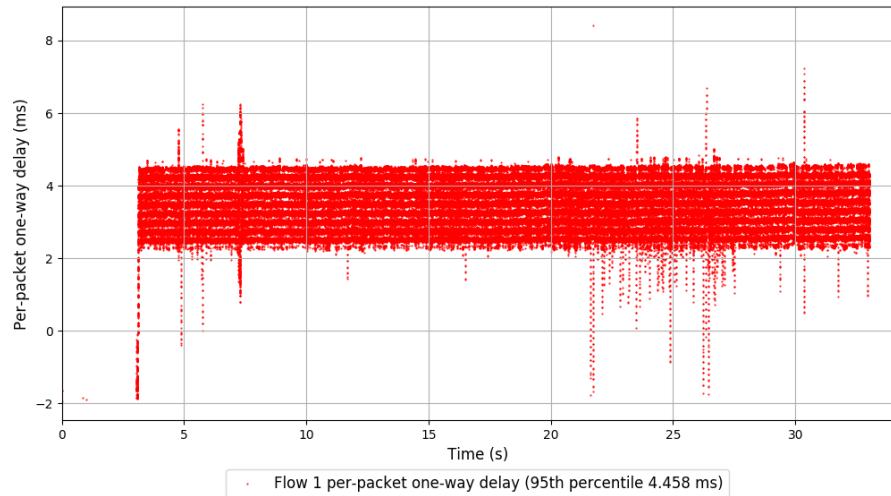
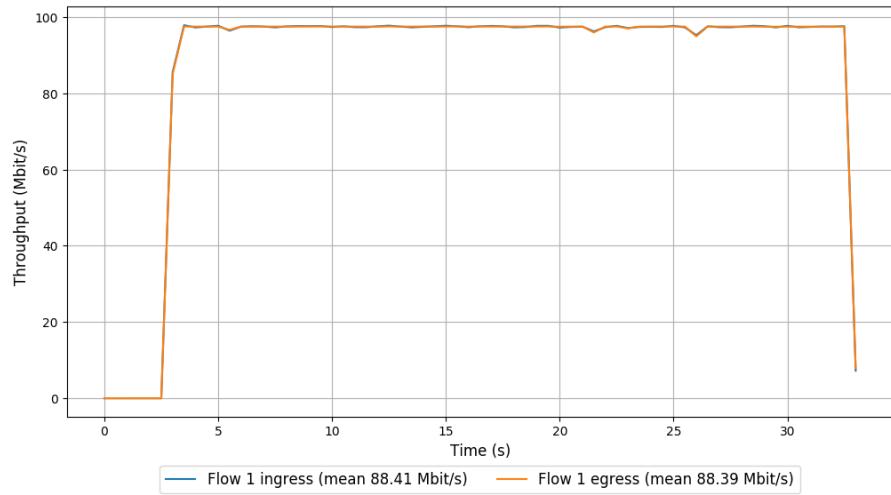
```
-- Flow 1:
```

```
Average throughput: 88.39 Mbit/s
```

```
95th percentile per-packet one-way delay: 4.458 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

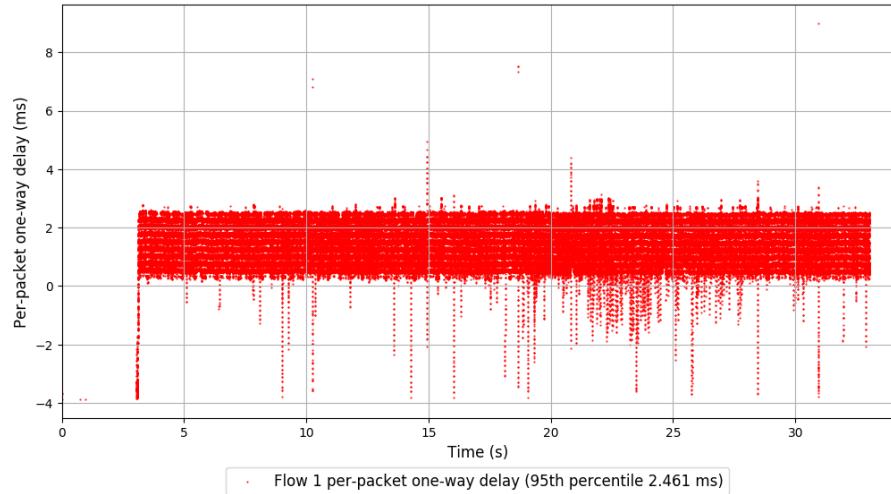
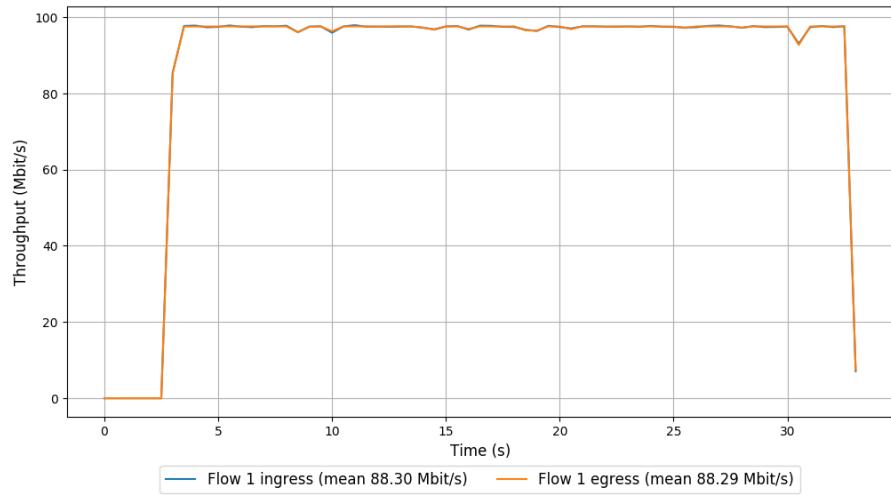


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 18:49:43 +0000
End at: Tue, 13 Jun 2017 18:50:13 +0000
Local clock offset: -6.381 ms
Remote clock offset: -0.397 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:06:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 2.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 2.461 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

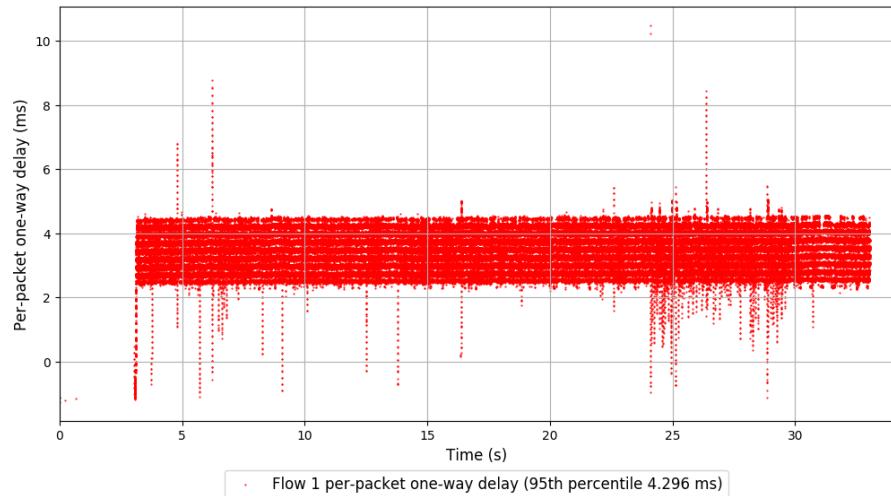
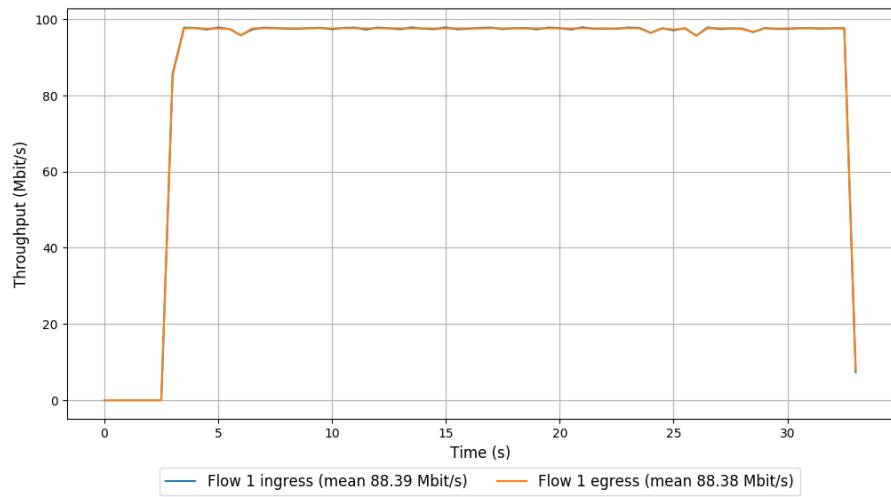


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:06:40 +0000
End at: Tue, 13 Jun 2017 19:07:10 +0000
Local clock offset: -3.539 ms
Remote clock offset: -0.304 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 4.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 4.296 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

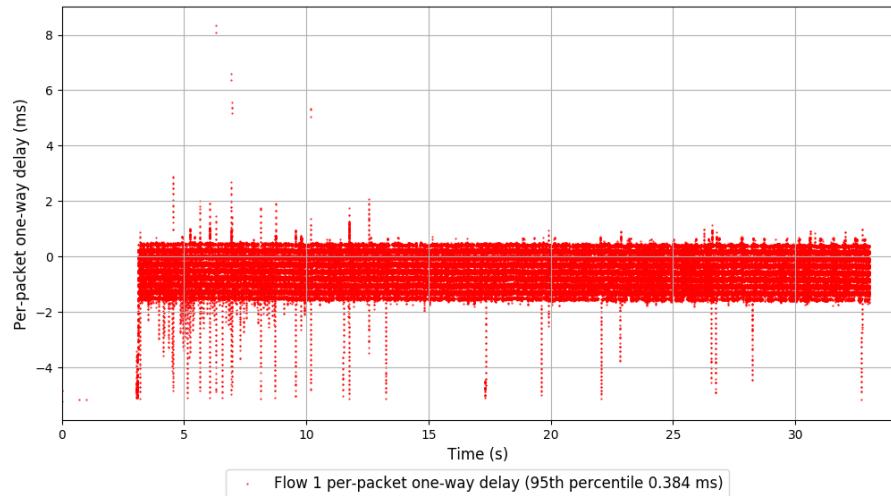
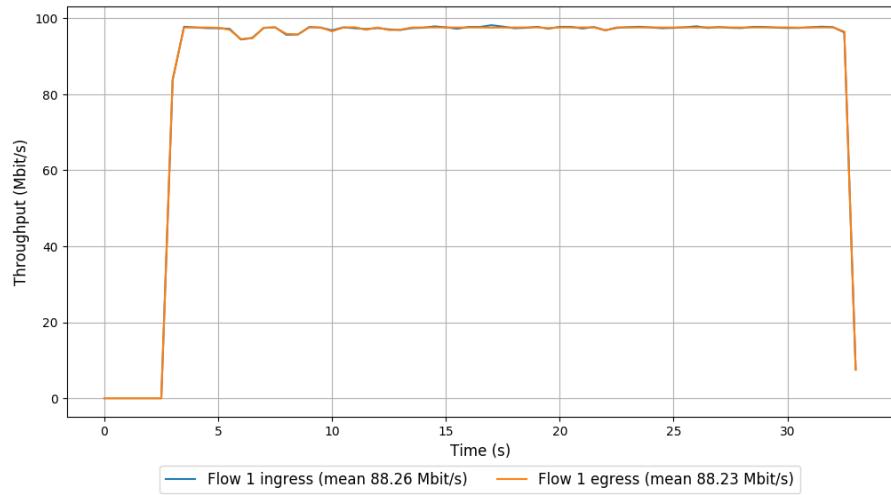


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 19:24:00 +0000
End at: Tue, 13 Jun 2017 19:24:30 +0000
Local clock offset: -7.233 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:07:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 0.384 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 0.384 ms
Loss rate: 0.02%
```

Run 4: Report of CalibratedKoho — Data Link

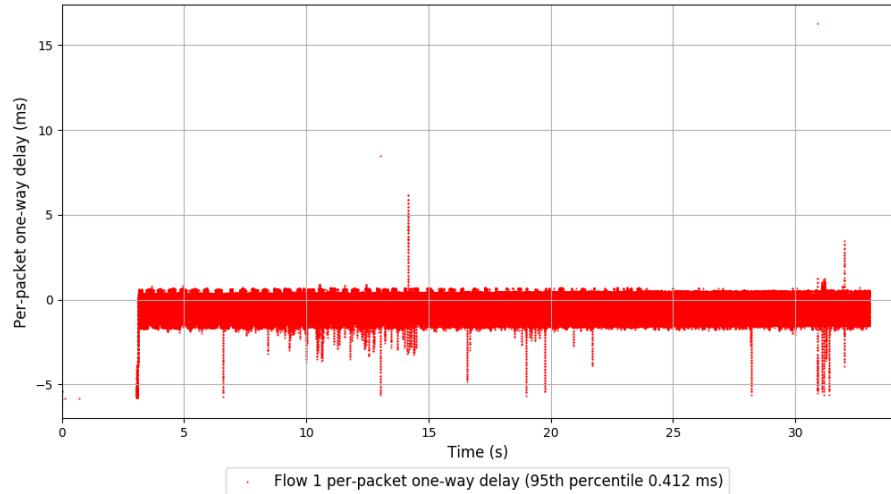
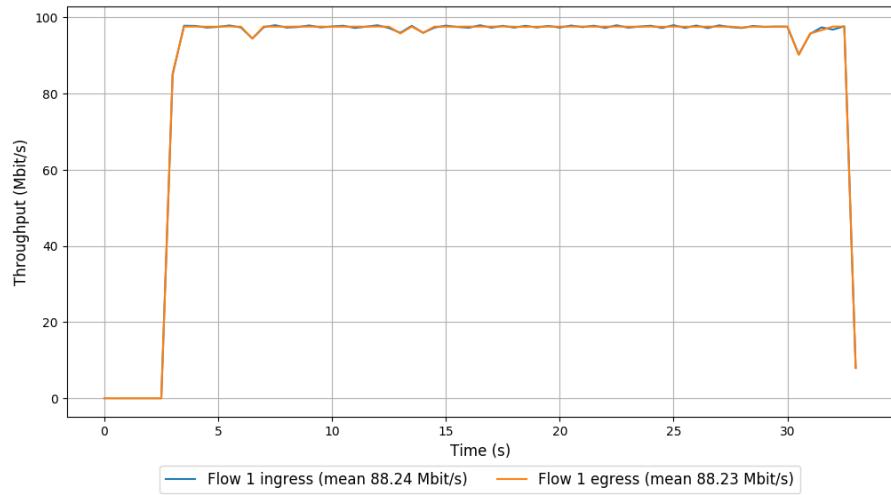


Run 5: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 19:40:55 +0000
End at: Tue, 13 Jun 2017 19:41:25 +0000
Local clock offset: -7.884 ms
Remote clock offset: 0.166 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:07:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 0.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 0.412 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link

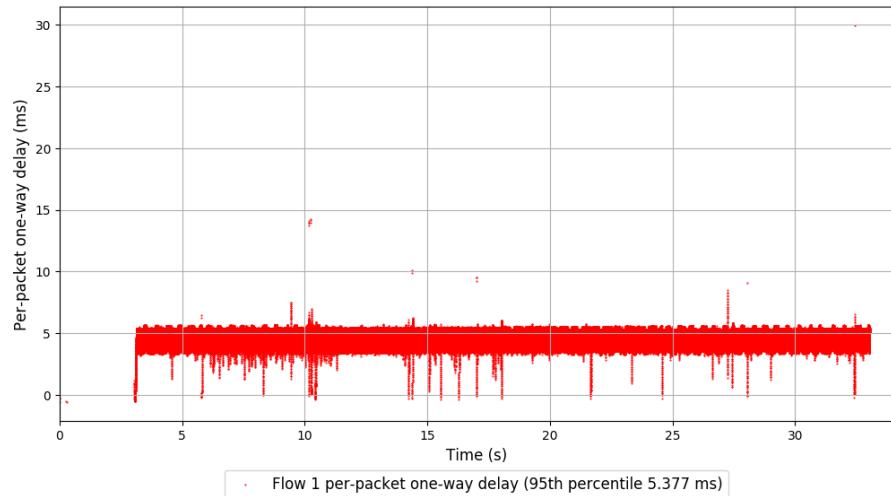
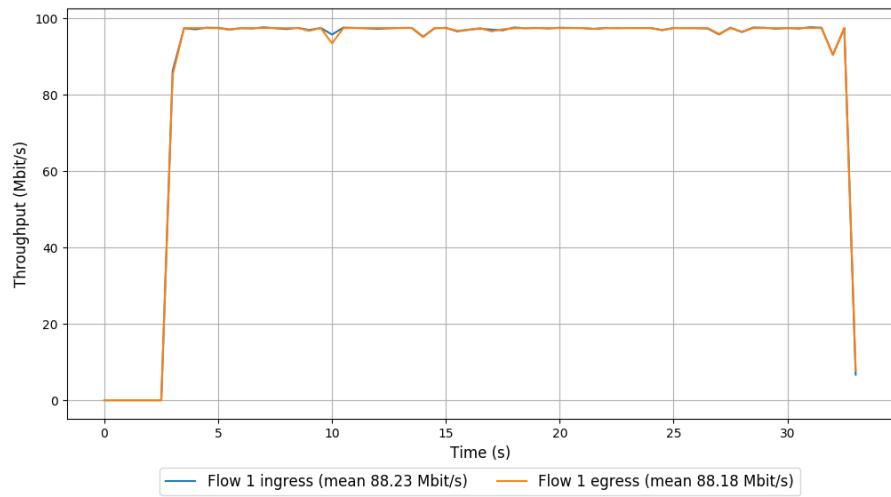


Run 6: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 19:57:58 +0000
End at: Tue, 13 Jun 2017 19:58:28 +0000
Local clock offset: -2.414 ms
Remote clock offset: 0.393 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:07:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 5.377 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 5.377 ms
Loss rate: 0.04%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 20:14:56 +0000

End at: Tue, 13 Jun 2017 20:15:26 +0000

Local clock offset: 3.239 ms

Remote clock offset: 0.567 ms

Below is generated by plot.py at Wed, 14 Jun 2017 04:08:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 10.380 ms

Loss rate: 0.00%

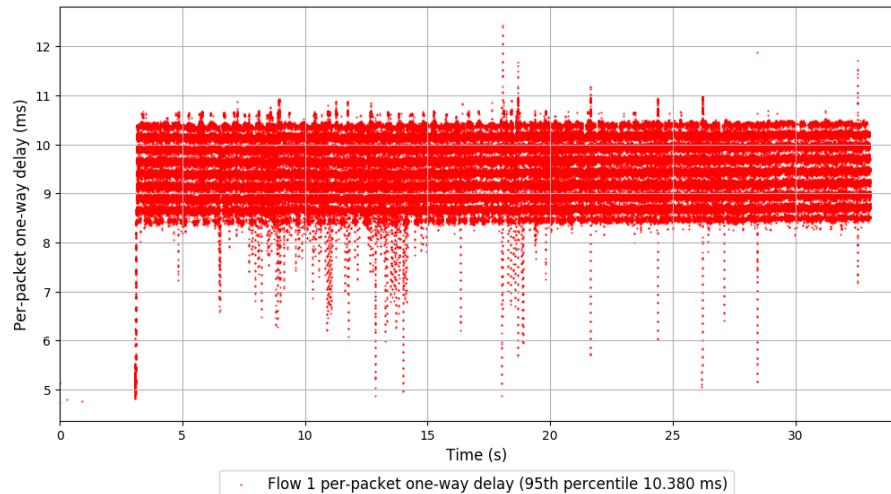
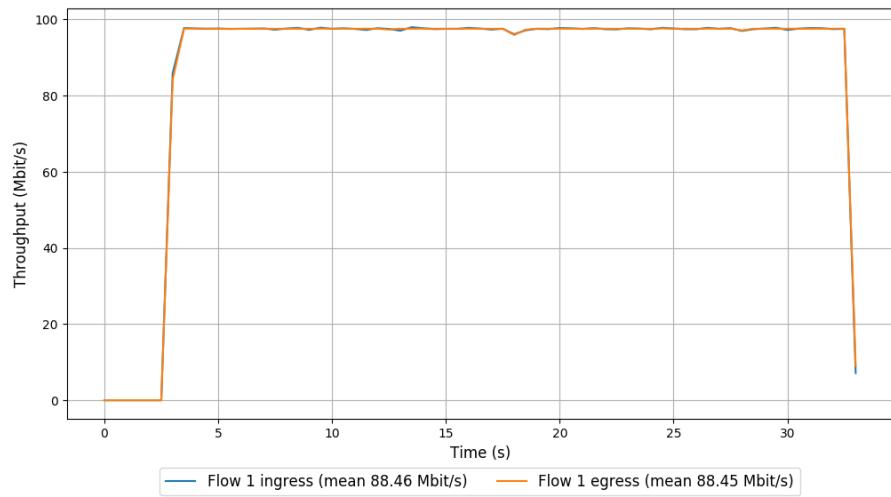
-- Flow 1:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 10.380 ms

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

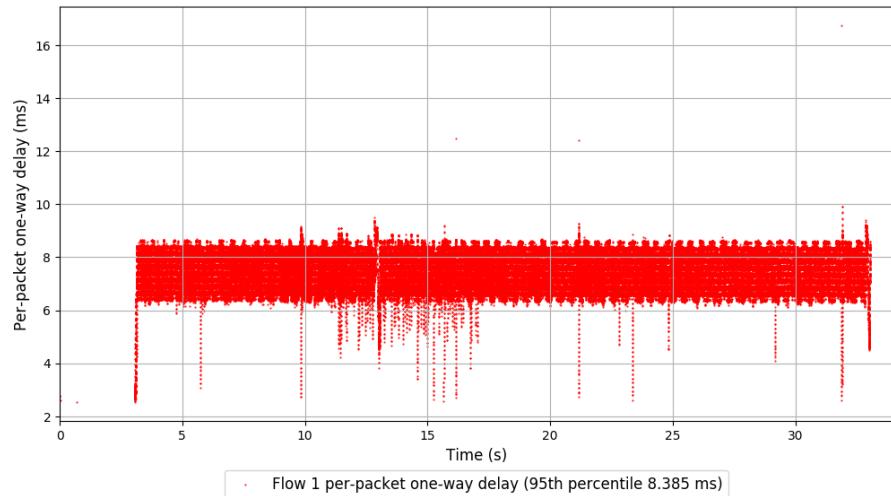
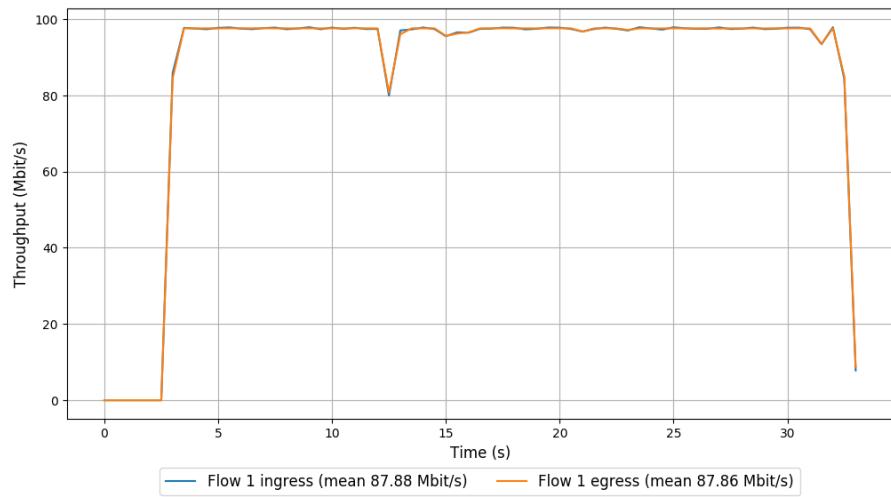


Run 8: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 20:31:53 +0000
End at: Tue, 13 Jun 2017 20:32:23 +0000
Local clock offset: 1.248 ms
Remote clock offset: 0.659 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:08:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 8.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 8.385 ms
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link

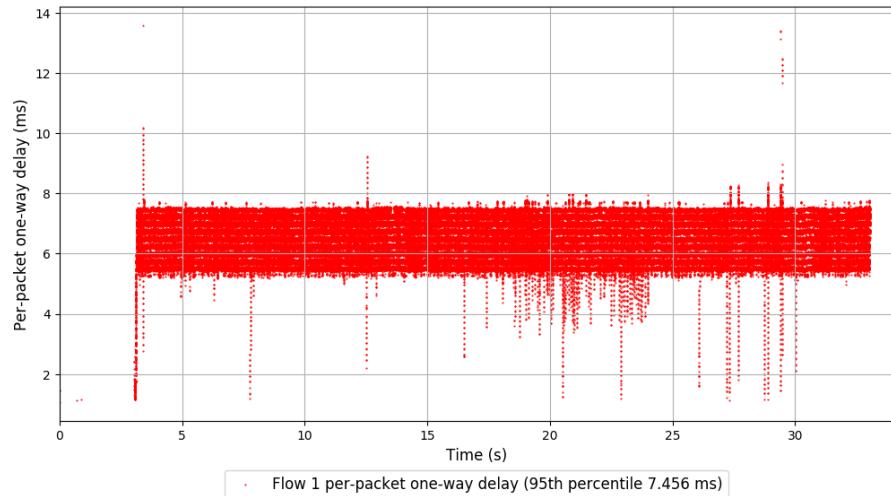
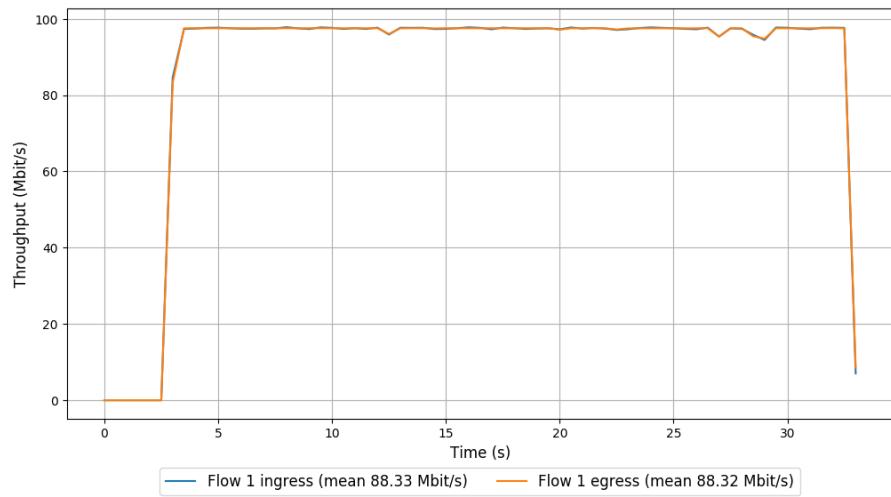


Run 9: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 20:48:45 +0000
End at: Tue, 13 Jun 2017 20:49:16 +0000
Local clock offset: -0.171 ms
Remote clock offset: 0.779 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:09:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 7.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 7.456 ms
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 13 Jun 2017 21:05:42 +0000
```

```
End at: Tue, 13 Jun 2017 21:06:12 +0000
```

```
Local clock offset: -0.492 ms
```

```
Remote clock offset: 0.747 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 04:09:36 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.31 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.385 ms
```

```
Loss rate: 0.00%
```

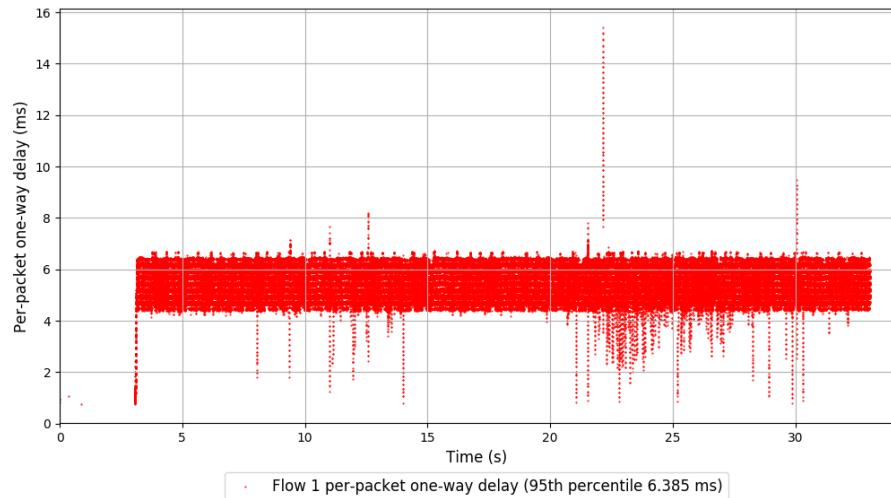
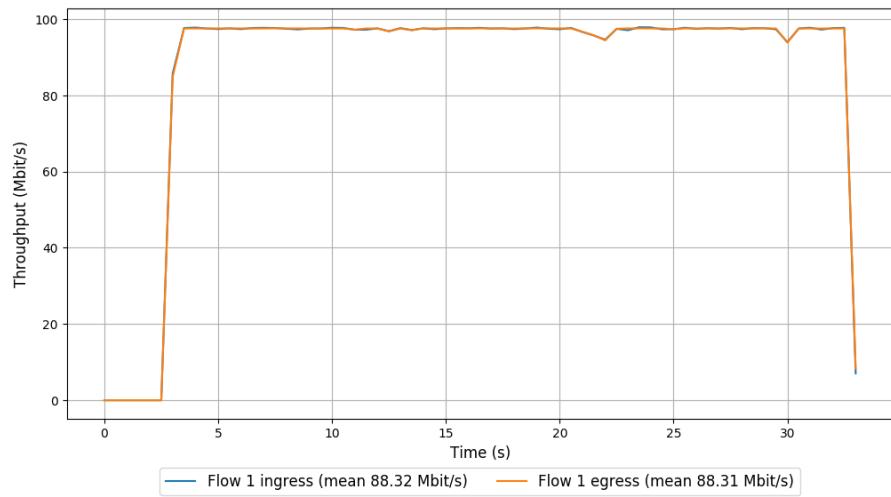
```
-- Flow 1:
```

```
Average throughput: 88.31 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.385 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

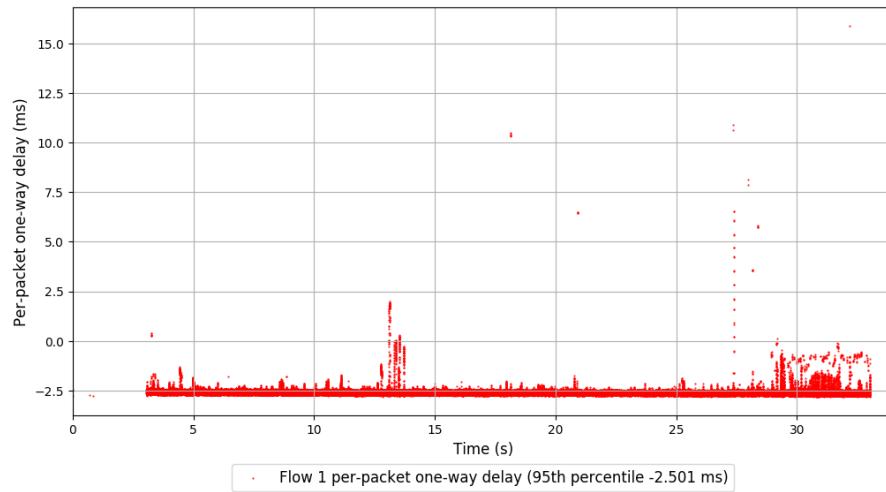
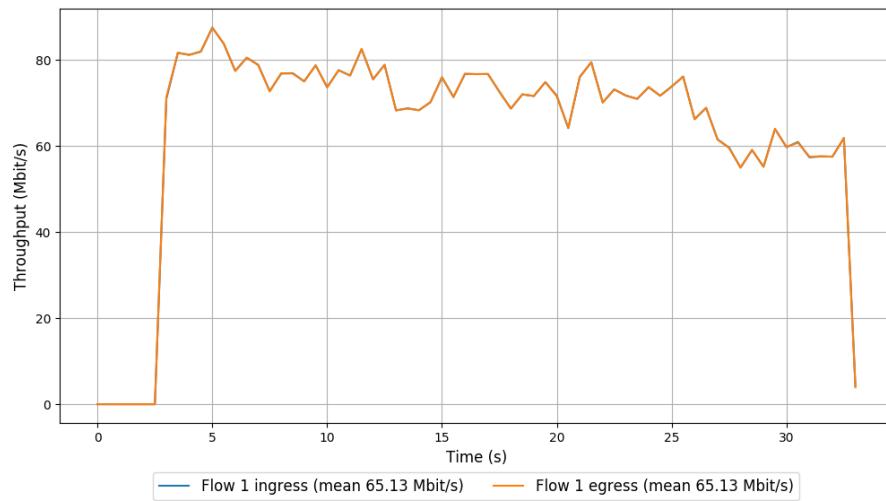


Run 1: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 18:40:35 +0000
End at: Tue, 13 Jun 2017 18:41:05 +0000
Local clock offset: -5.2 ms
Remote clock offset: -0.451 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:10:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.13 Mbit/s
95th percentile per-packet one-way delay: -2.501 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.13 Mbit/s
95th percentile per-packet one-way delay: -2.501 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

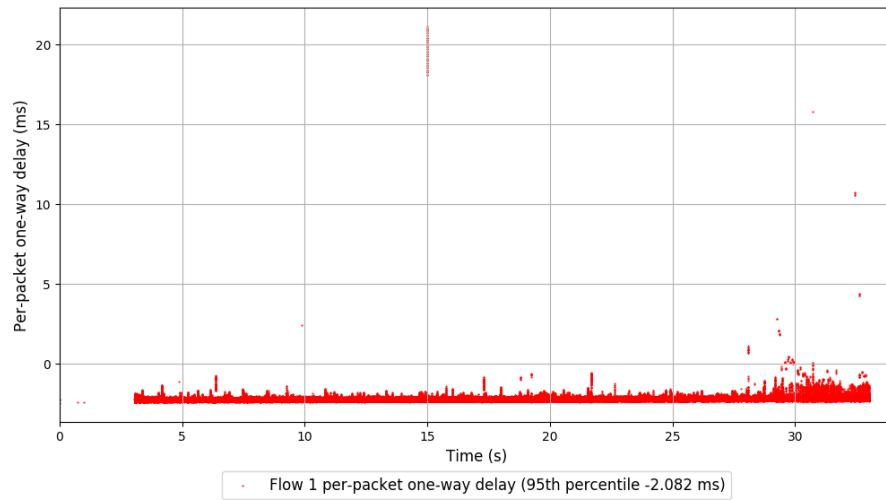
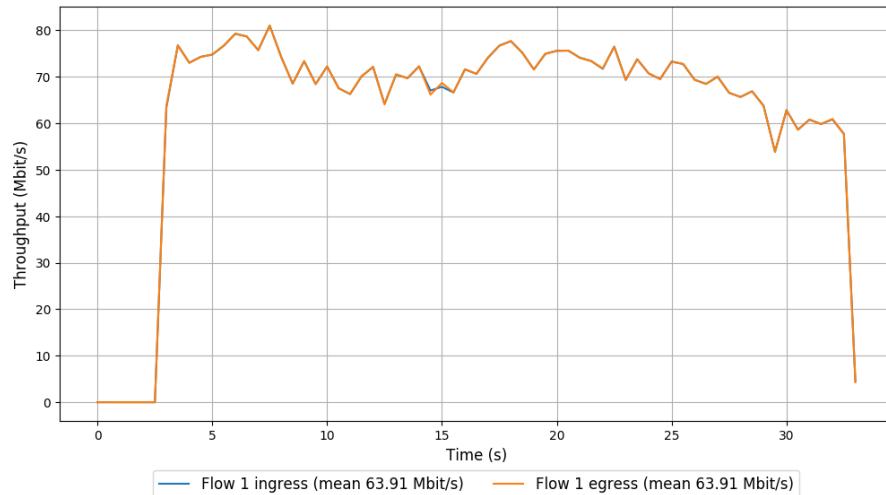


Run 2: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 18:57:35 +0000
End at: Tue, 13 Jun 2017 18:58:05 +0000
Local clock offset: -4.997 ms
Remote clock offset: -0.431 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:10:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: -2.082 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: -2.082 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

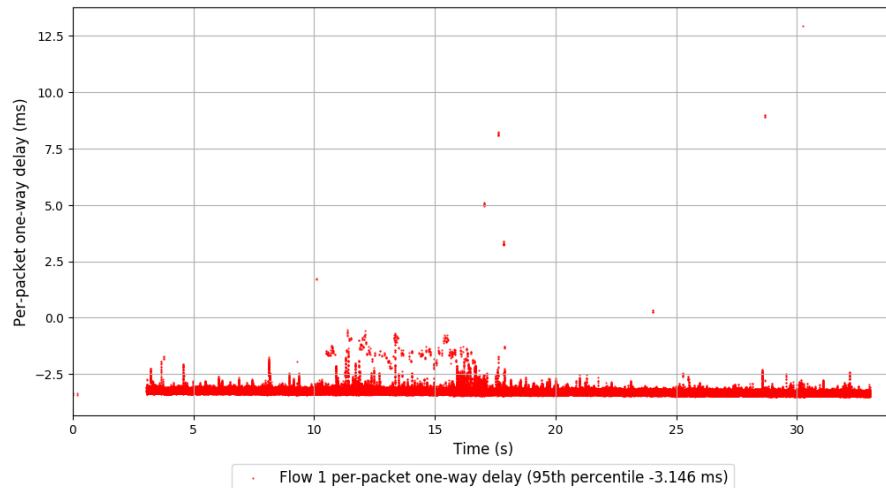
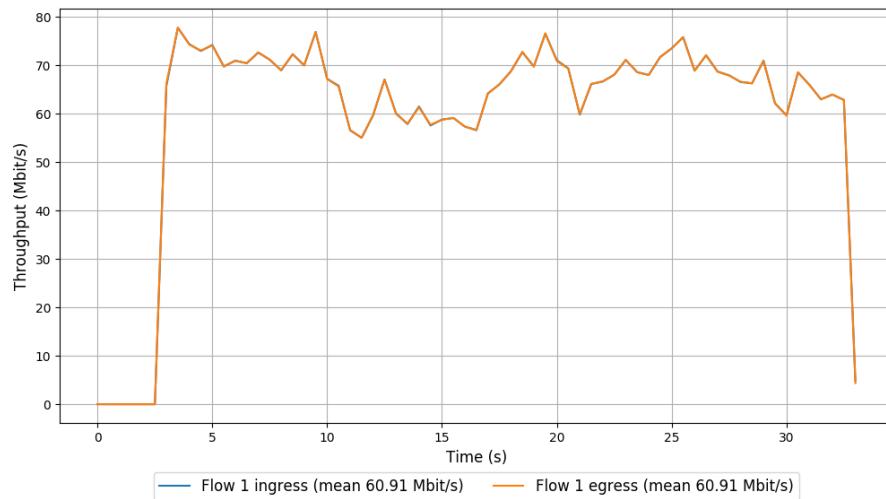


Run 3: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:14:53 +0000
End at: Tue, 13 Jun 2017 19:15:23 +0000
Local clock offset: -5.544 ms
Remote clock offset: -0.222 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:11:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: -3.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: -3.146 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

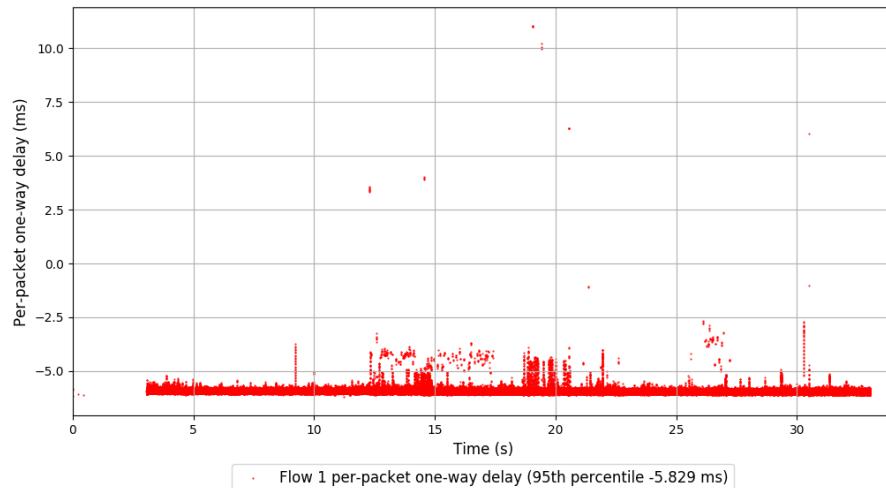
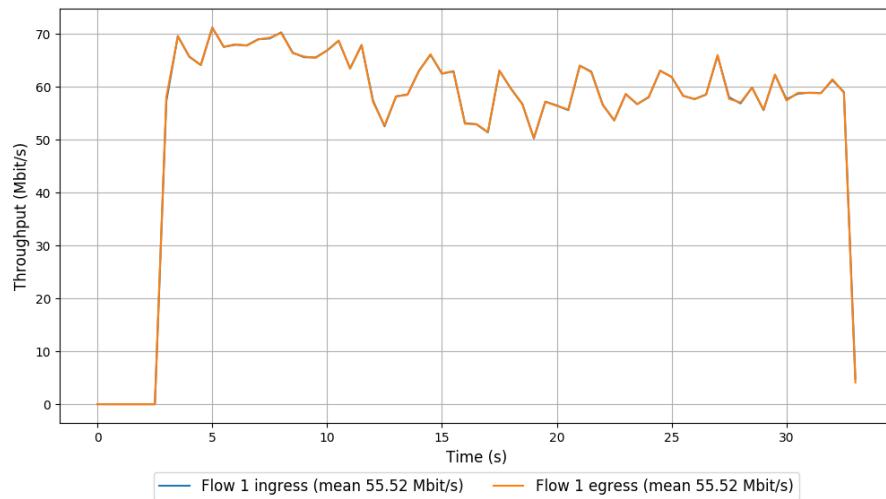


Run 4: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:31:52 +0000
End at: Tue, 13 Jun 2017 19:32:22 +0000
Local clock offset: -8.095 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:11:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: -5.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: -5.829 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

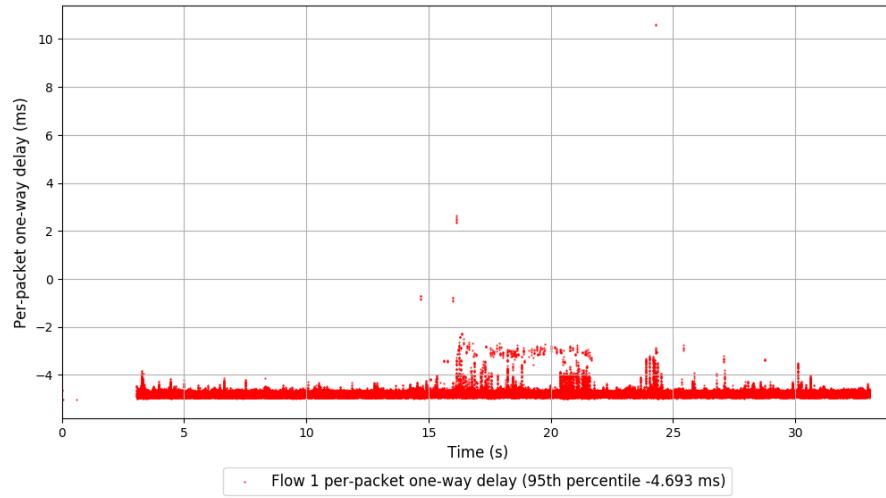
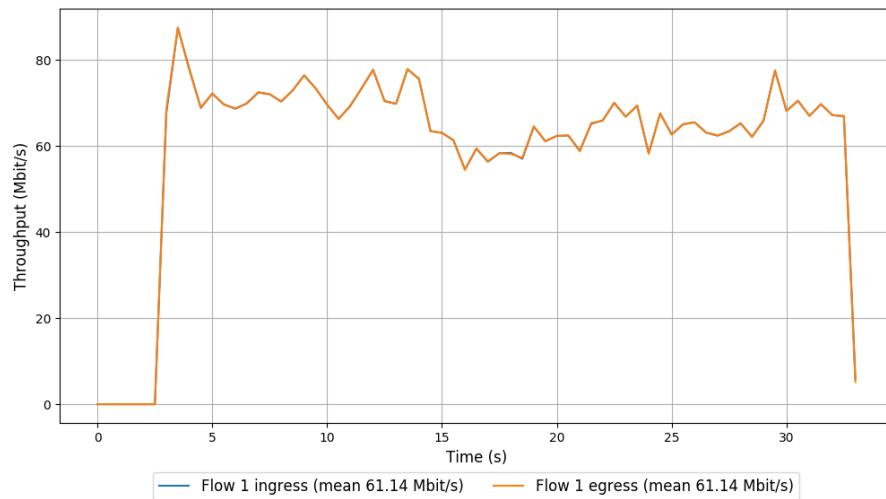


Run 5: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 19:48:48 +0000
End at: Tue, 13 Jun 2017 19:49:18 +0000
Local clock offset: -6.801 ms
Remote clock offset: 0.253 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:11:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: -4.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: -4.693 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

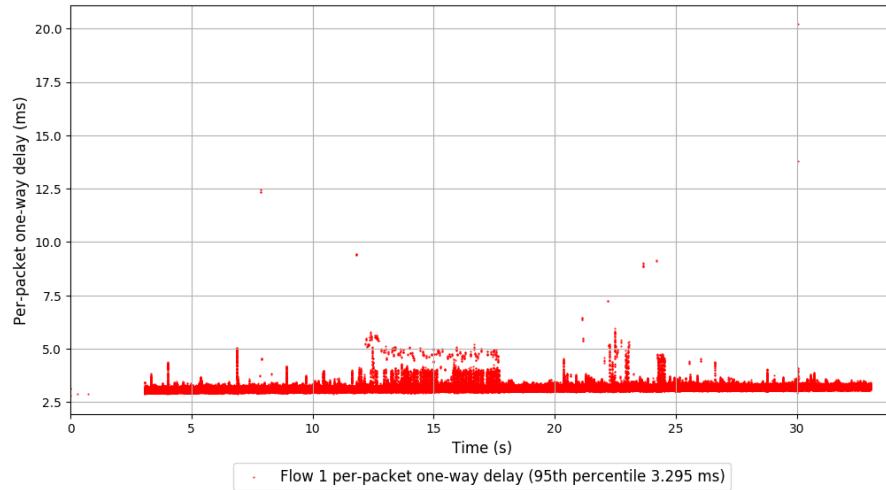
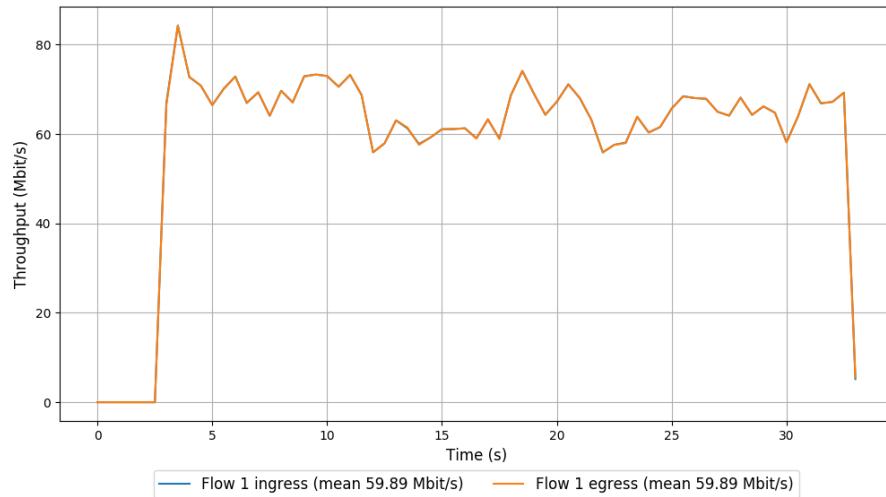


Run 6: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:05:52 +0000
End at: Tue, 13 Jun 2017 20:06:22 +0000
Local clock offset: 1.205 ms
Remote clock offset: 0.507 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:12:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 3.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 3.295 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

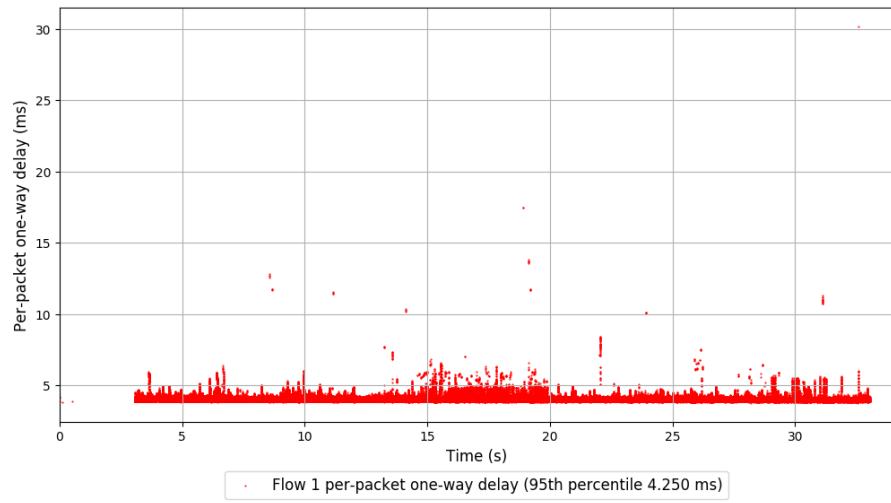
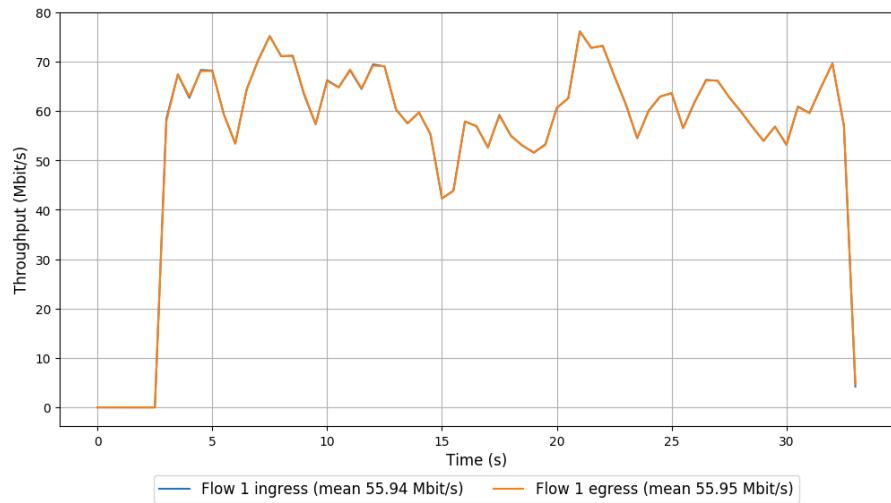


Run 7: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:22:49 +0000
End at: Tue, 13 Jun 2017 20:23:19 +0000
Local clock offset: 2.448 ms
Remote clock offset: 0.573 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:12:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.95 Mbit/s
95th percentile per-packet one-way delay: 4.250 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.95 Mbit/s
95th percentile per-packet one-way delay: 4.250 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

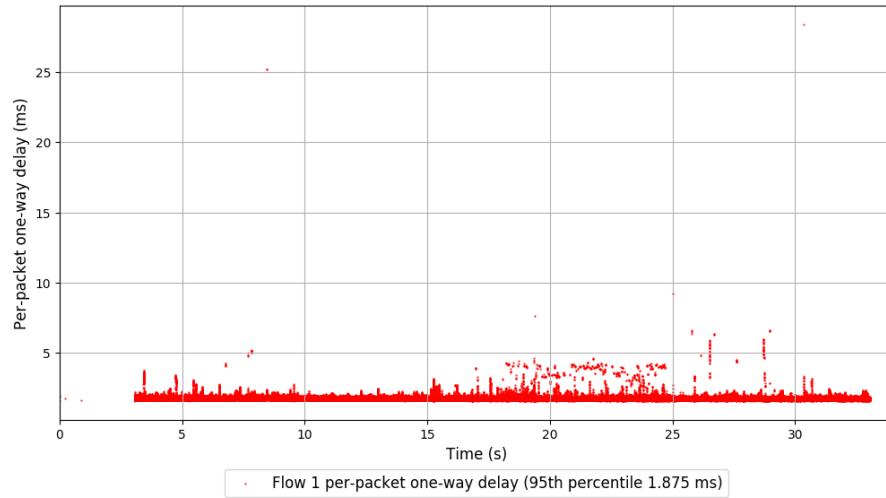
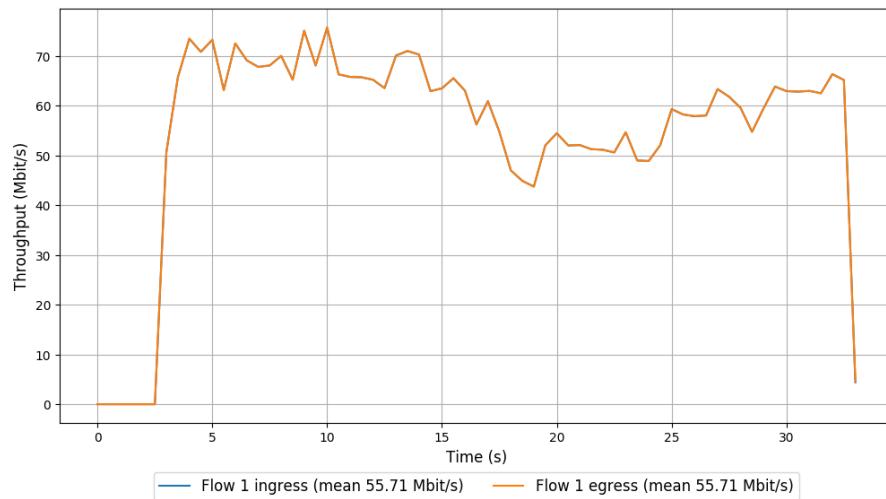


Run 8: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:39:46 +0000
End at: Tue, 13 Jun 2017 20:40:16 +0000
Local clock offset: 0.301 ms
Remote clock offset: 0.749 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:13:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 1.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 1.875 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

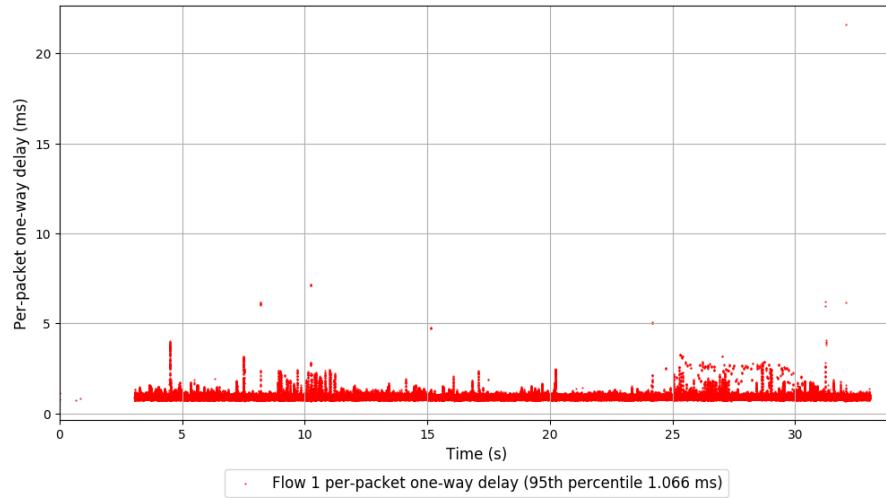
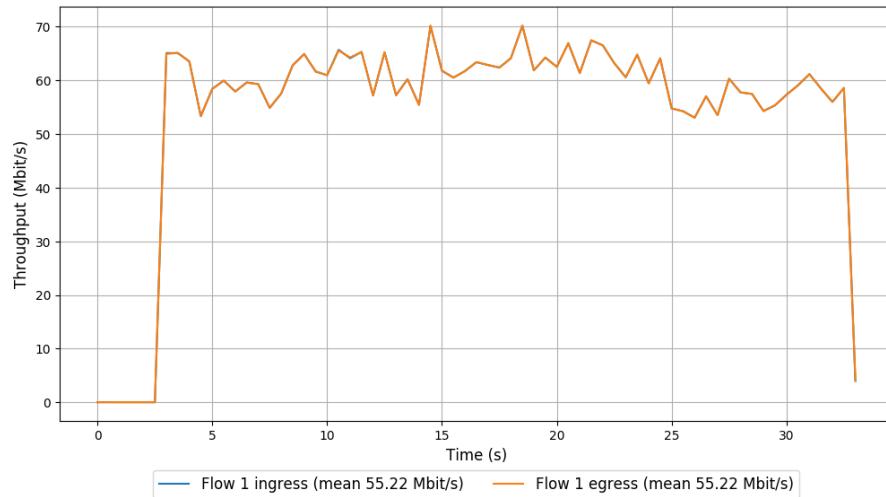


Run 9: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 20:56:39 +0000
End at: Tue, 13 Jun 2017 20:57:09 +0000
Local clock offset: -0.599 ms
Remote clock offset: 0.739 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:13:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 1.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 1.066 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

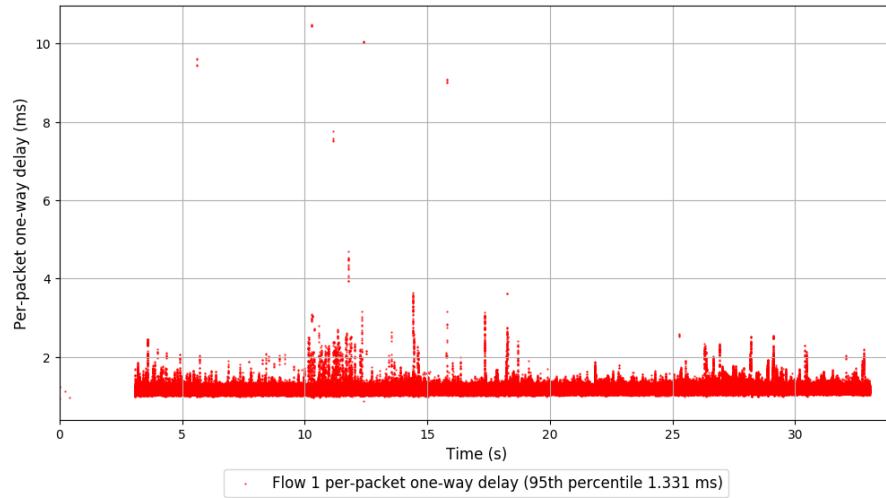
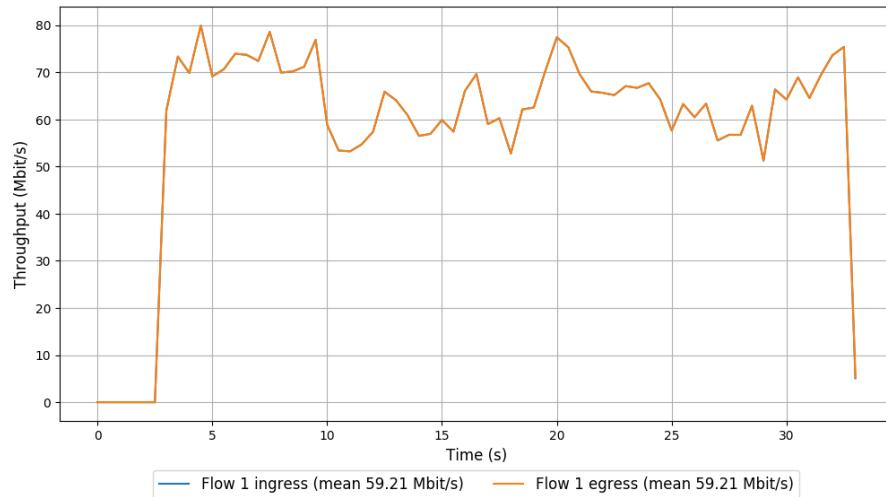


Run 10: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 21:13:29 +0000
End at: Tue, 13 Jun 2017 21:13:59 +0000
Local clock offset: -0.311 ms
Remote clock offset: 0.803 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:14:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Tue, 13 Jun 2017 18:31:13 +0000
```

```
End at: Tue, 13 Jun 2017 18:31:43 +0000
```

```
Local clock offset: -4.675 ms
```

```
Remote clock offset: -0.35 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 04:14:38 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 88.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.774 ms
```

```
Loss rate: 0.83%
```

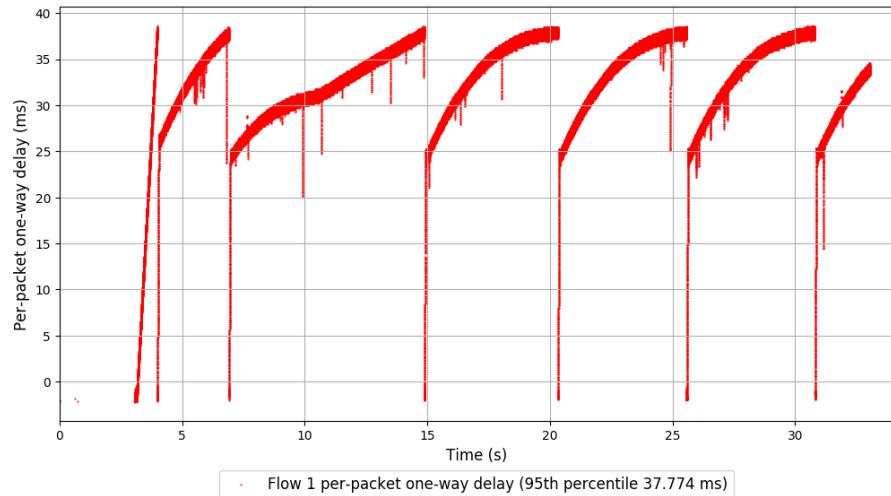
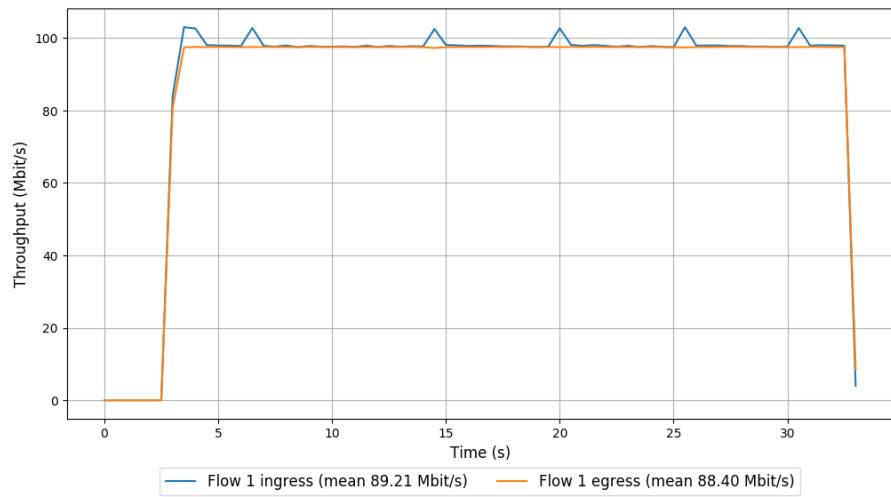
```
-- Flow 1:
```

```
Average throughput: 88.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.774 ms
```

```
Loss rate: 0.83%
```

Run 1: Report of TCP Cubic — Data Link

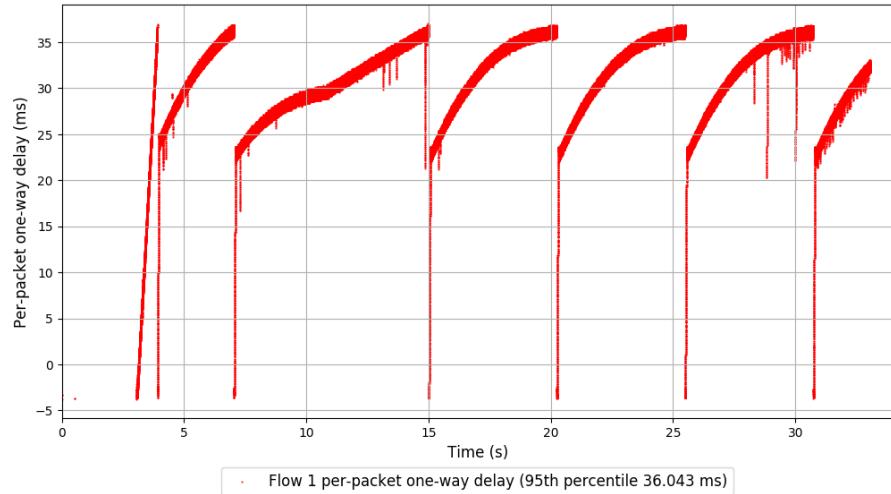
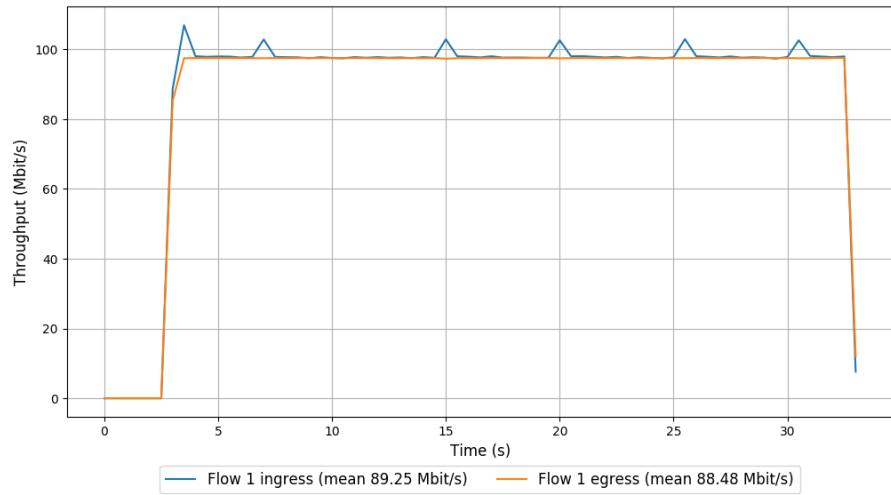


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 18:48:34 +0000
End at: Tue, 13 Jun 2017 18:49:04 +0000
Local clock offset: -6.175 ms
Remote clock offset: -0.44 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:14:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 36.043 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 36.043 ms
Loss rate: 0.82%
```

Run 2: Report of TCP Cubic — Data Link

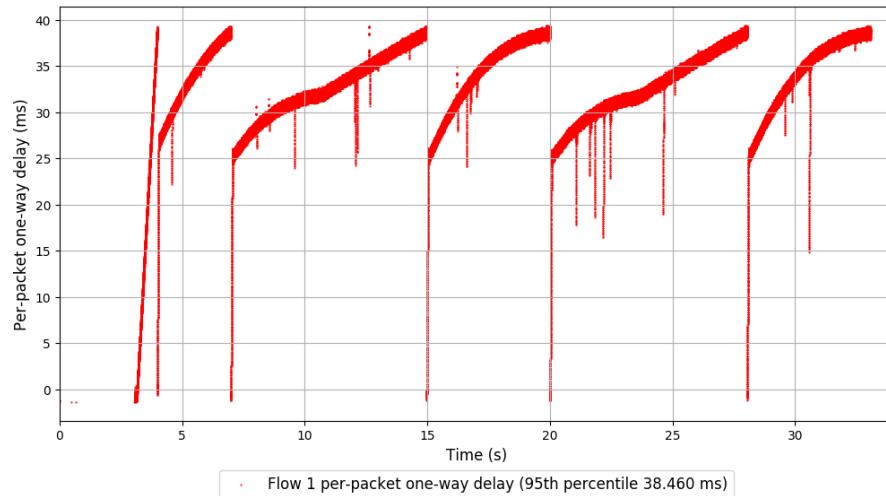
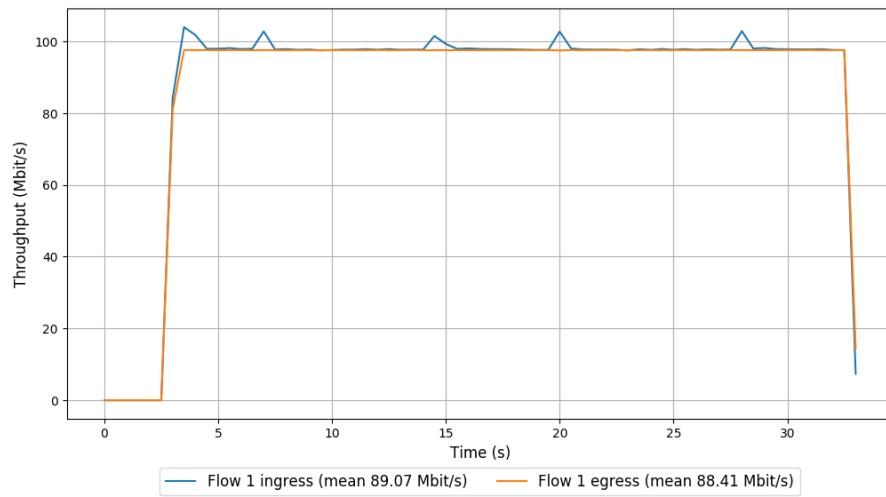


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 19:05:31 +0000
End at: Tue, 13 Jun 2017 19:06:01 +0000
Local clock offset: -3.825 ms
Remote clock offset: -0.298 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:15:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 38.460 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 38.460 ms
Loss rate: 0.67%
```

Run 3: Report of TCP Cubic — Data Link

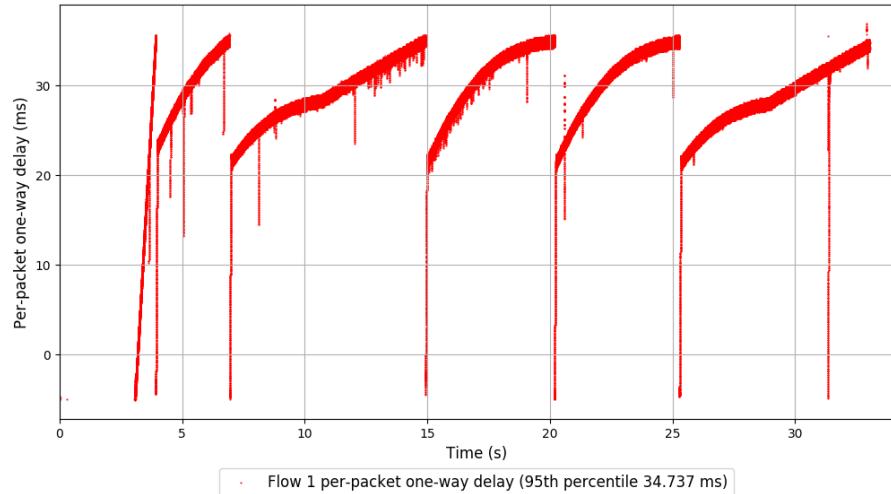
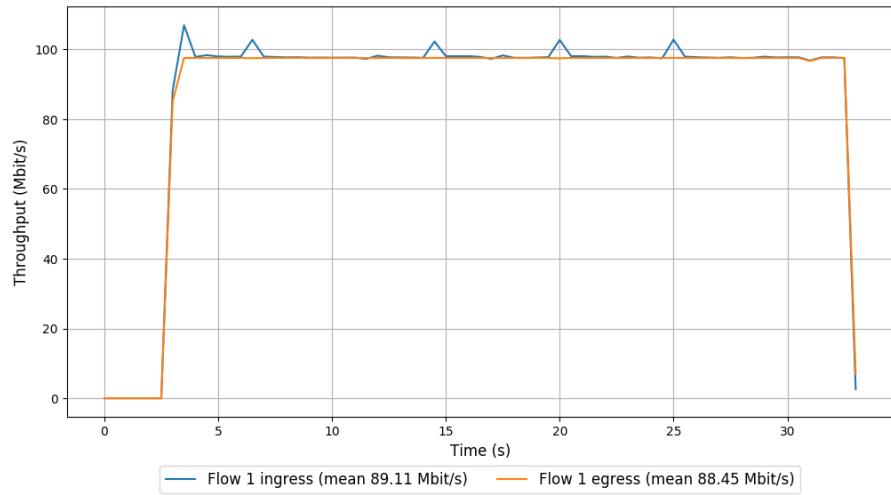


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 19:22:51 +0000
End at: Tue, 13 Jun 2017 19:23:21 +0000
Local clock offset: -7.066 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:15:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.45 Mbit/s
95th percentile per-packet one-way delay: 34.737 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 88.45 Mbit/s
95th percentile per-packet one-way delay: 34.737 ms
Loss rate: 0.69%
```

Run 4: Report of TCP Cubic — Data Link

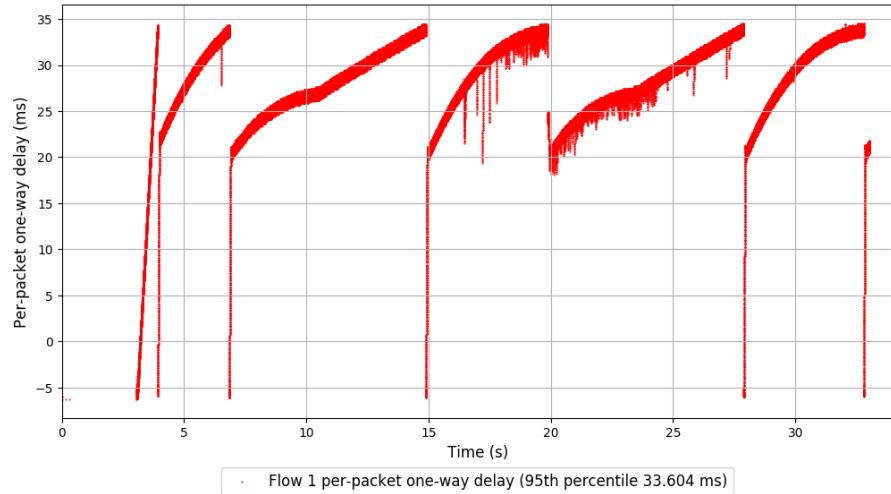
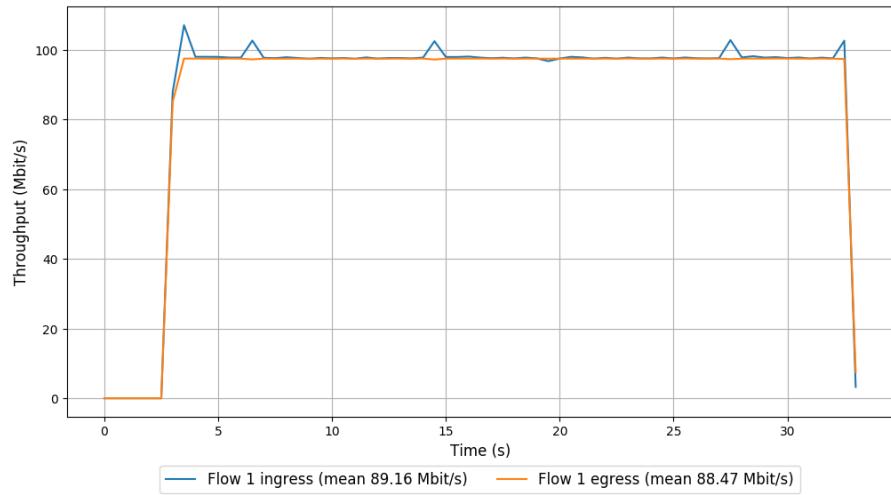


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 19:39:46 +0000
End at: Tue, 13 Jun 2017 19:40:16 +0000
Local clock offset: -8.344 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:16:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 33.604 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 33.604 ms
Loss rate: 0.70%
```

Run 5: Report of TCP Cubic — Data Link

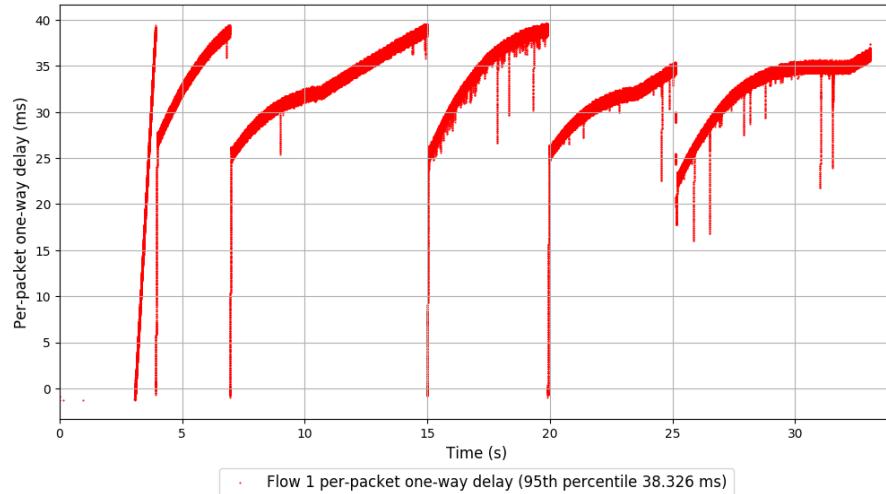
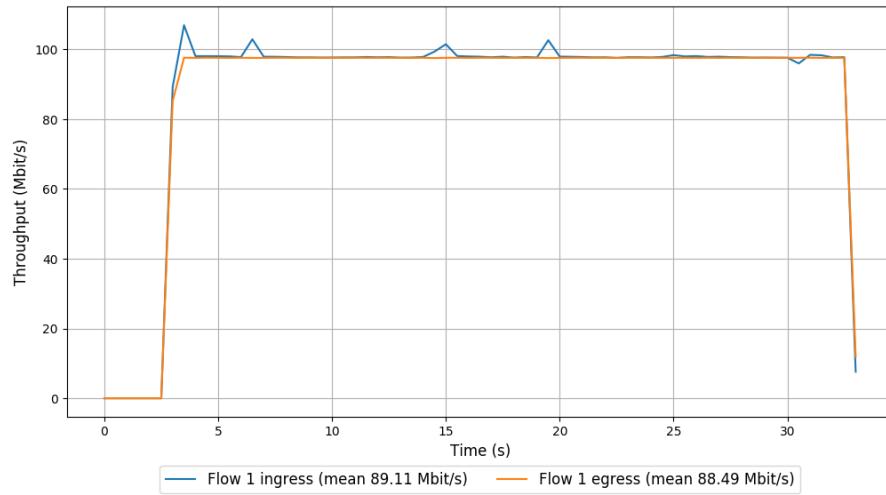


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 19:56:49 +0000
End at: Tue, 13 Jun 2017 19:57:19 +0000
Local clock offset: -3.122 ms
Remote clock offset: 0.381 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:16:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 38.326 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 38.326 ms
Loss rate: 0.62%
```

Run 6: Report of TCP Cubic — Data Link

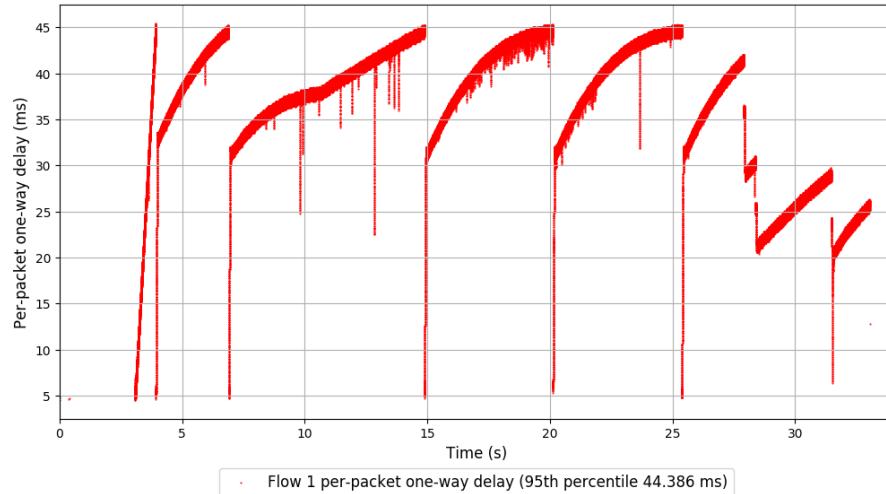
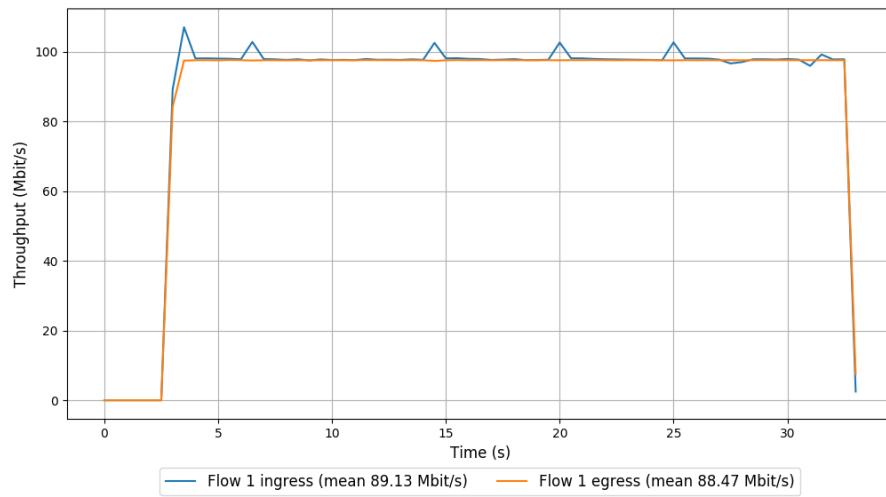


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 20:13:47 +0000
End at: Tue, 13 Jun 2017 20:14:17 +0000
Local clock offset: 2.959 ms
Remote clock offset: 0.5 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:17:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 44.386 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 44.386 ms
Loss rate: 0.71%
```

Run 7: Report of TCP Cubic — Data Link

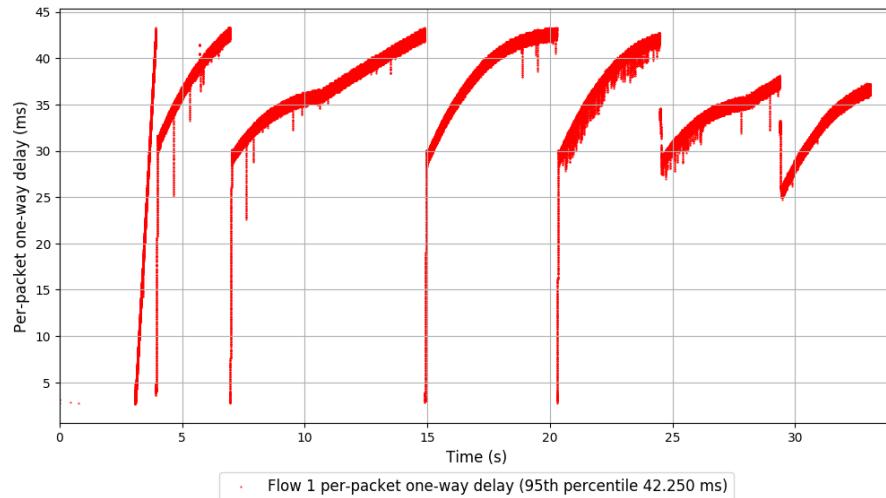
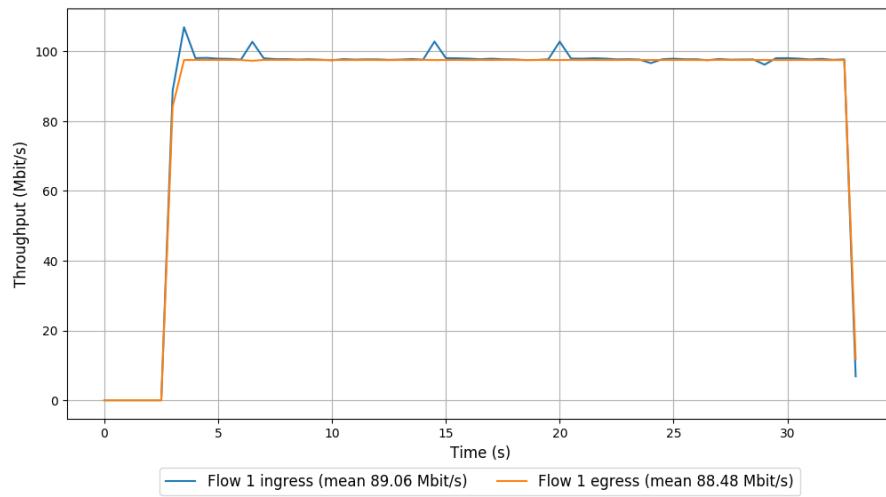


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 20:30:44 +0000
End at: Tue, 13 Jun 2017 20:31:14 +0000
Local clock offset: 1.422 ms
Remote clock offset: 0.658 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:17:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.61%
```

Run 8: Report of TCP Cubic — Data Link

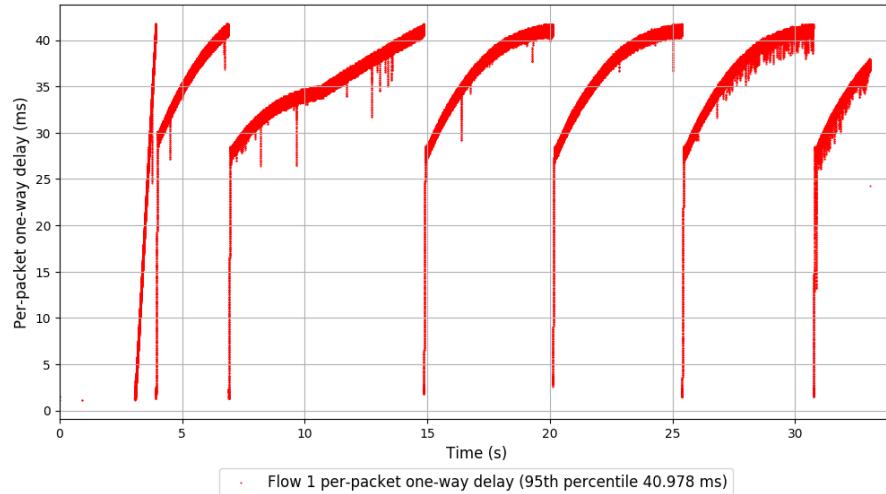
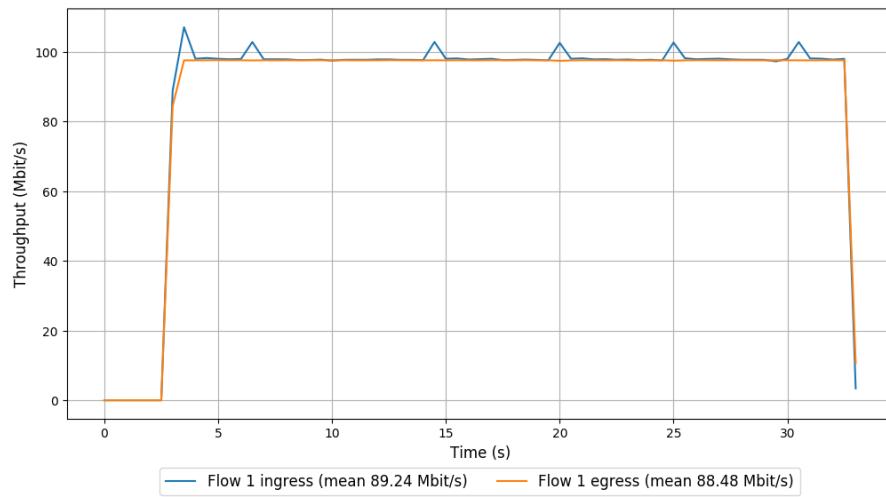


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 20:47:37 +0000
End at: Tue, 13 Jun 2017 20:48:07 +0000
Local clock offset: -0.111 ms
Remote clock offset: 0.766 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:17:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 40.978 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 40.978 ms
Loss rate: 0.78%
```

Run 9: Report of TCP Cubic — Data Link

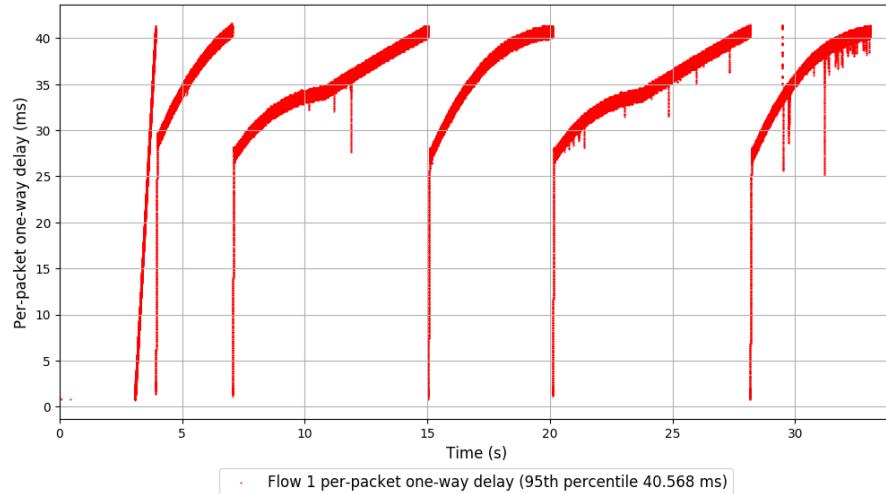
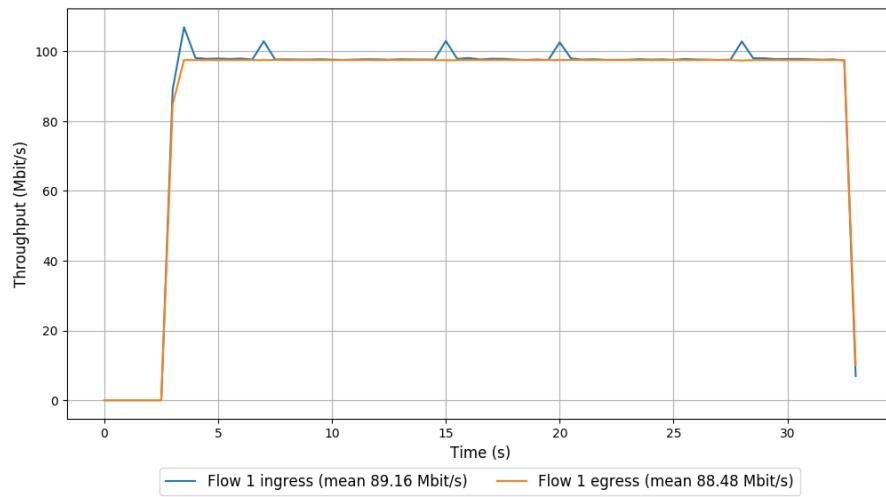


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 13 Jun 2017 21:04:33 +0000
End at: Tue, 13 Jun 2017 21:05:03 +0000
Local clock offset: -0.5 ms
Remote clock offset: 0.726 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:18:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 40.568 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 40.568 ms
Loss rate: 0.74%
```

Run 10: Report of TCP Cubic — Data Link

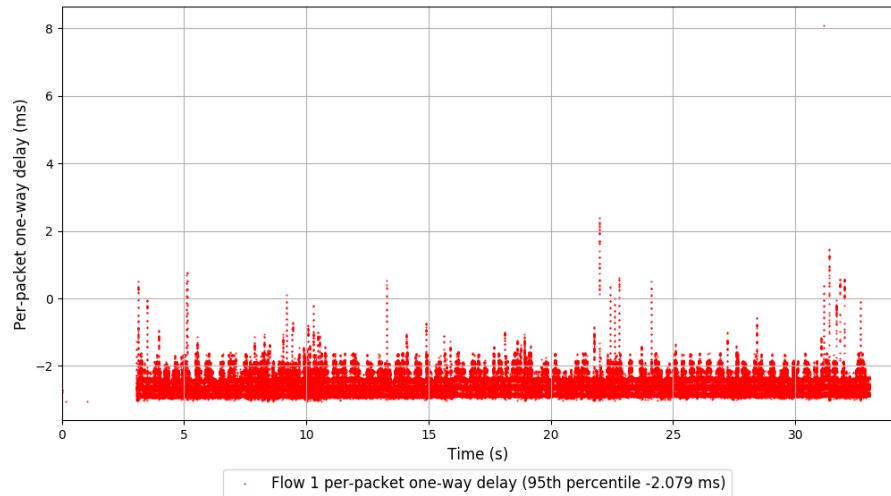
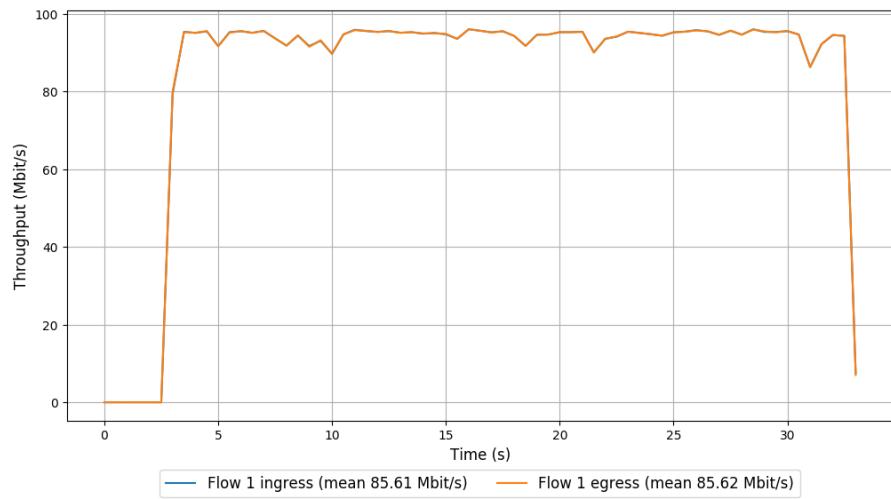


Run 1: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 18:25:28 +0000
End at: Tue, 13 Jun 2017 18:25:58 +0000
Local clock offset: -5.397 ms
Remote clock offset: -0.328 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:18:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: -2.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: -2.079 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

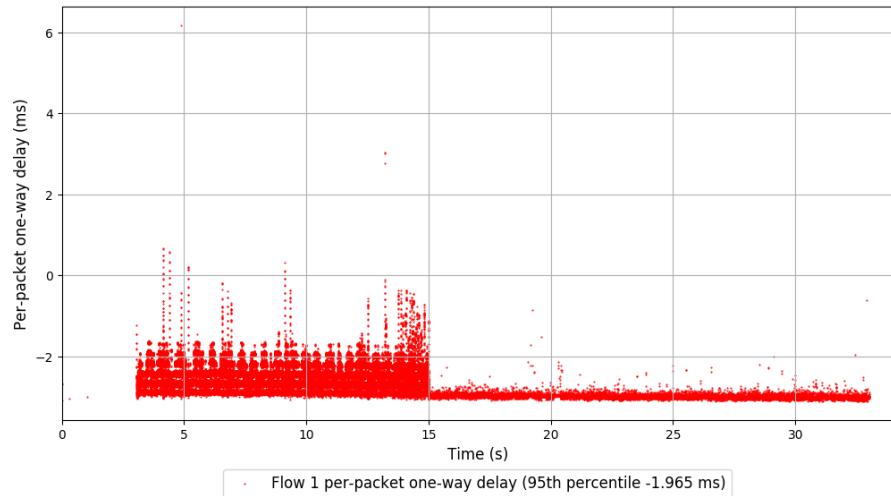
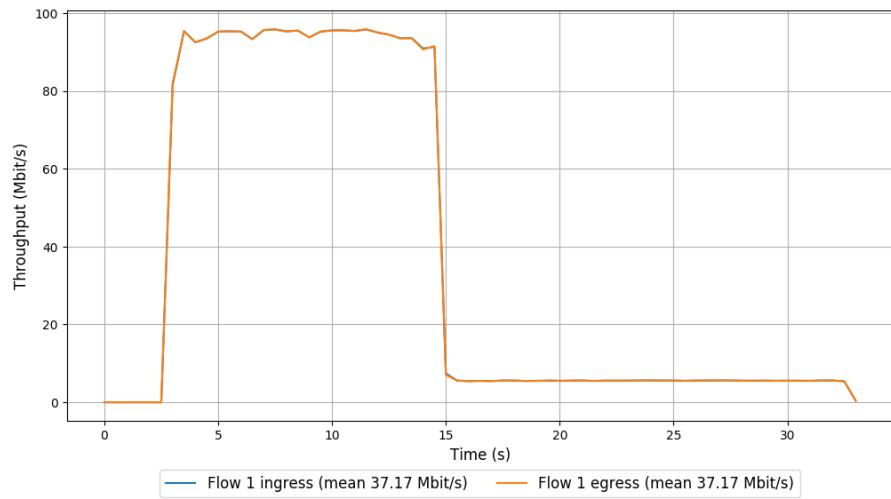


Run 2: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 18:42:50 +0000
End at: Tue, 13 Jun 2017 18:43:20 +0000
Local clock offset: -5.485 ms
Remote clock offset: -0.42 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:18:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.17 Mbit/s
95th percentile per-packet one-way delay: -1.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.17 Mbit/s
95th percentile per-packet one-way delay: -1.965 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

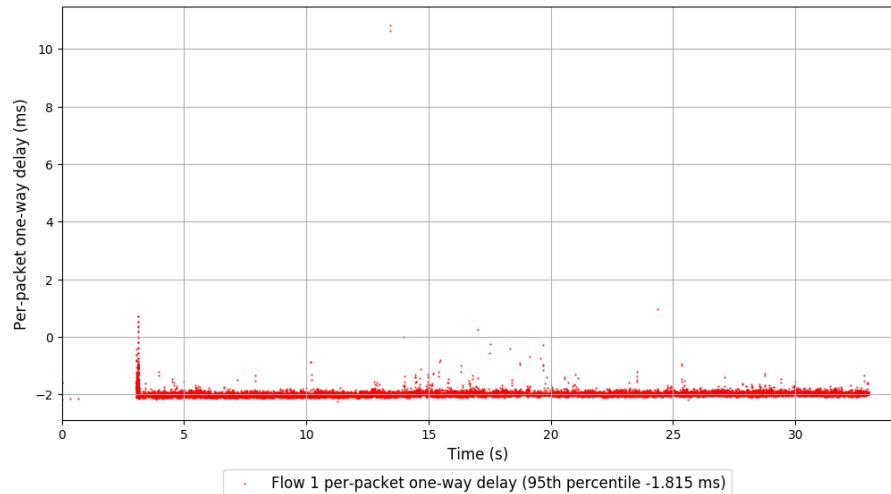
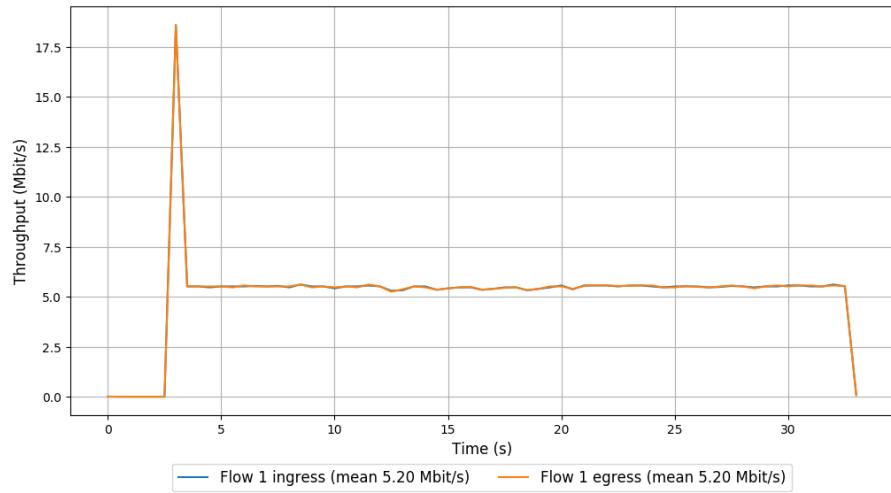


Run 3: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 18:59:50 +0000
End at: Tue, 13 Jun 2017 19:00:20 +0000
Local clock offset: -4.62 ms
Remote clock offset: -0.373 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:18:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: -1.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: -1.815 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

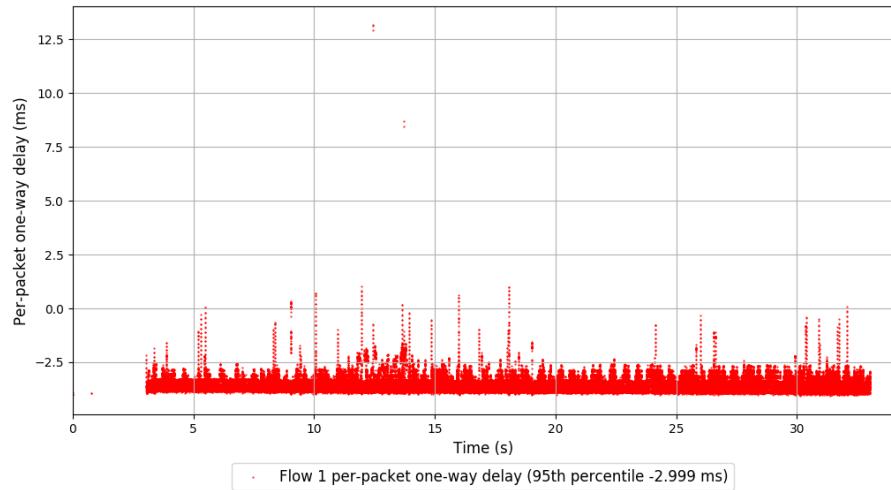
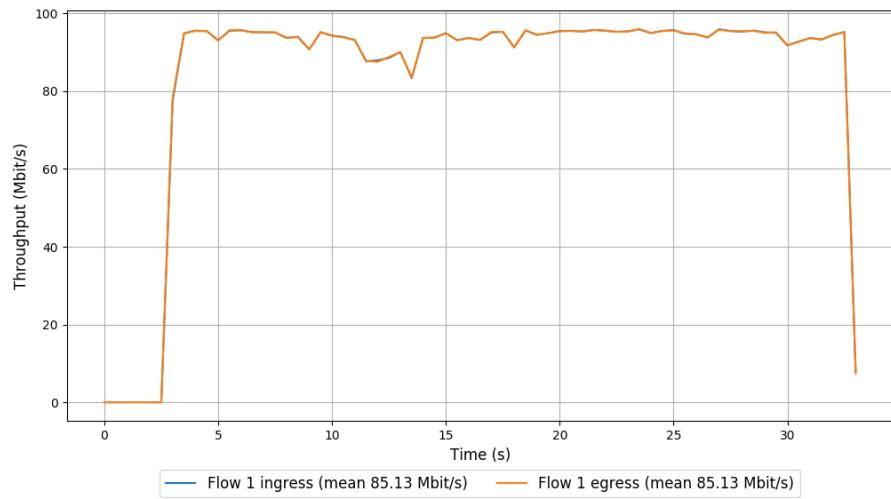


Run 4: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:17:08 +0000
End at: Tue, 13 Jun 2017 19:17:38 +0000
Local clock offset: -6.151 ms
Remote clock offset: -0.168 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: -2.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: -2.999 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

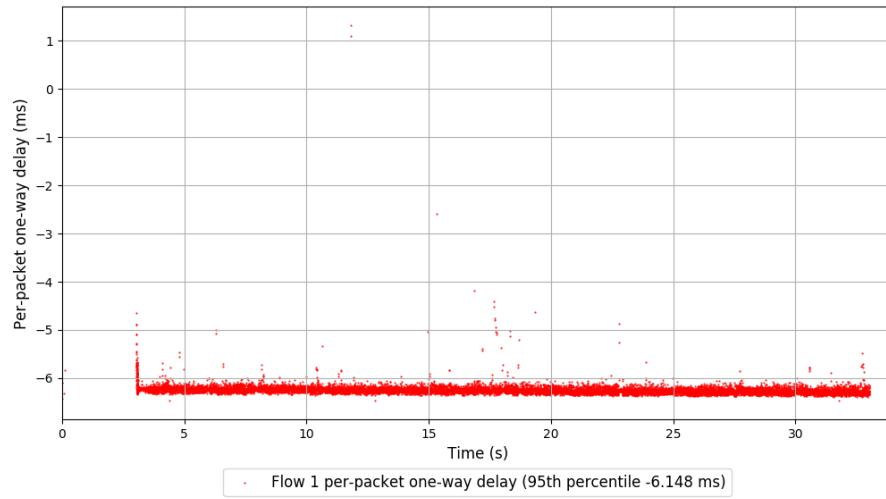
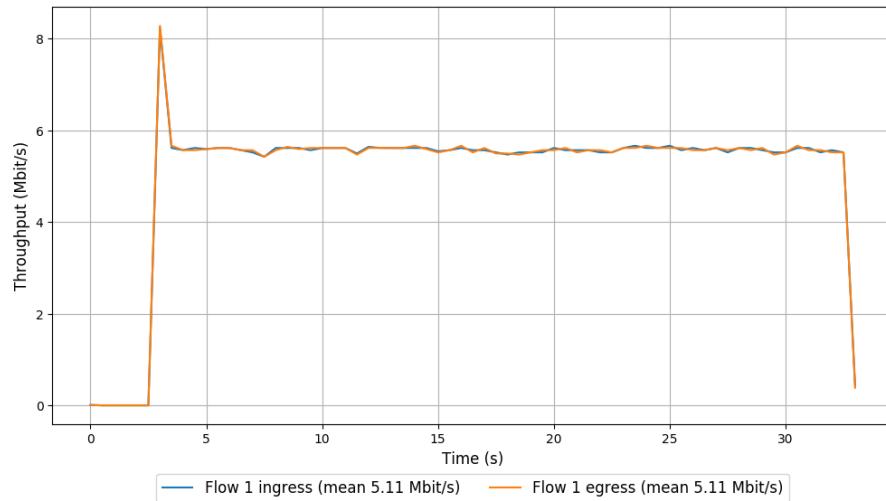


Run 5: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:34:06 +0000
End at: Tue, 13 Jun 2017 19:34:36 +0000
Local clock offset: -8.286 ms
Remote clock offset: 0.075 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: -6.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: -6.148 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

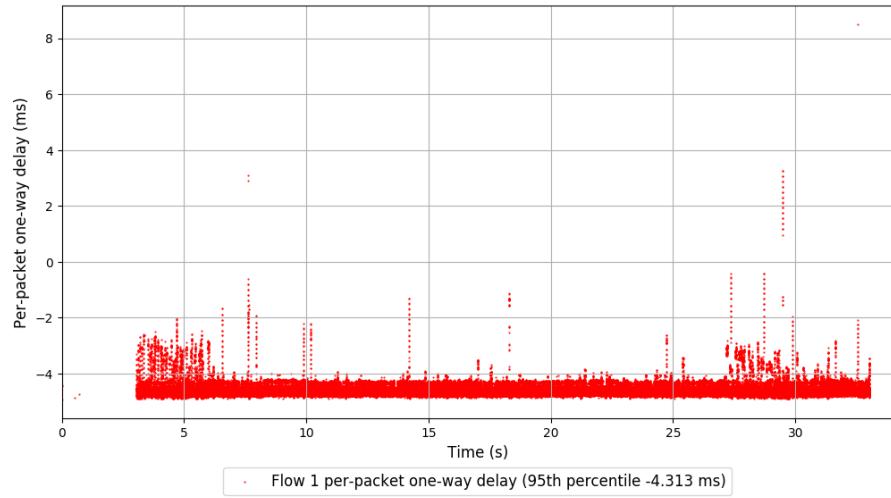
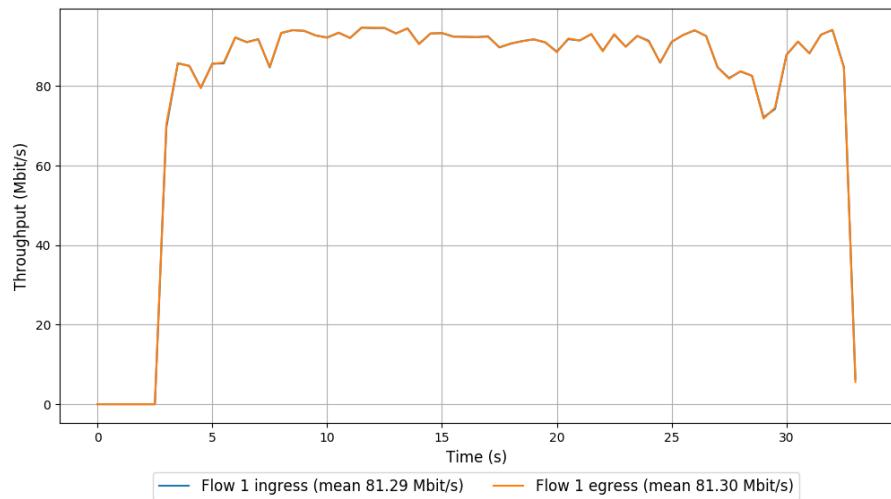


Run 6: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 19:51:03 +0000
End at: Tue, 13 Jun 2017 19:51:33 +0000
Local clock offset: -6.697 ms
Remote clock offset: 0.295 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.30 Mbit/s
95th percentile per-packet one-way delay: -4.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.30 Mbit/s
95th percentile per-packet one-way delay: -4.313 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

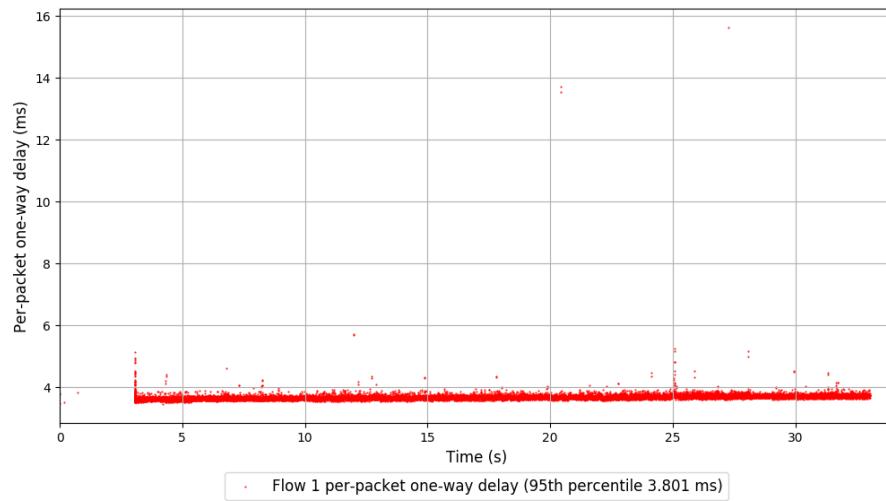
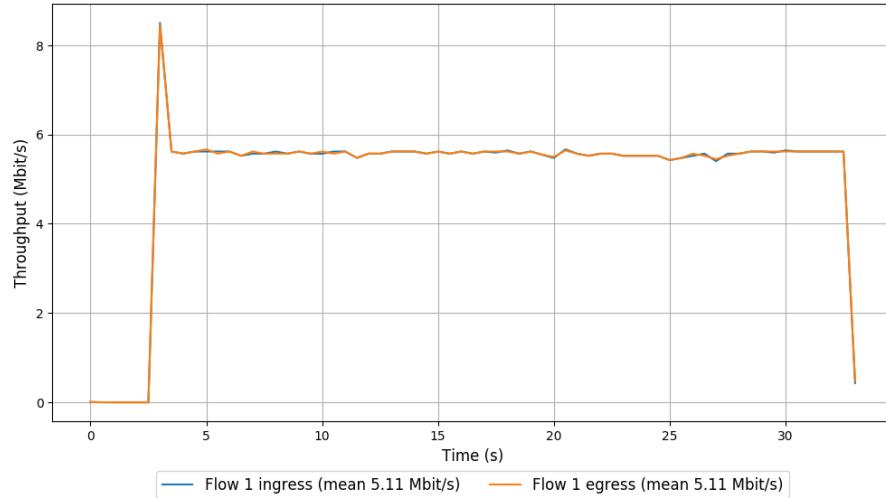


Run 7: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:08:06 +0000
End at: Tue, 13 Jun 2017 20:08:36 +0000
Local clock offset: 1.775 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 3.801 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 3.801 ms
Loss rate: 0.00%
```

Run 7: Report of KohoCC — Data Link

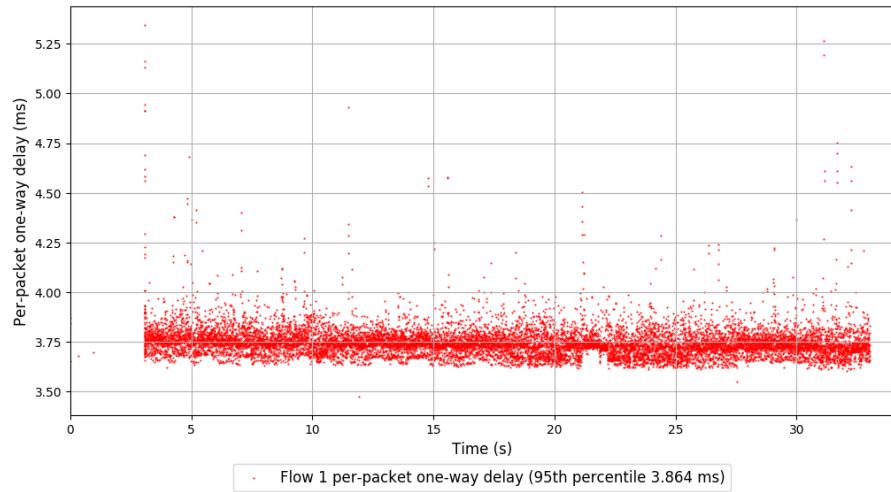
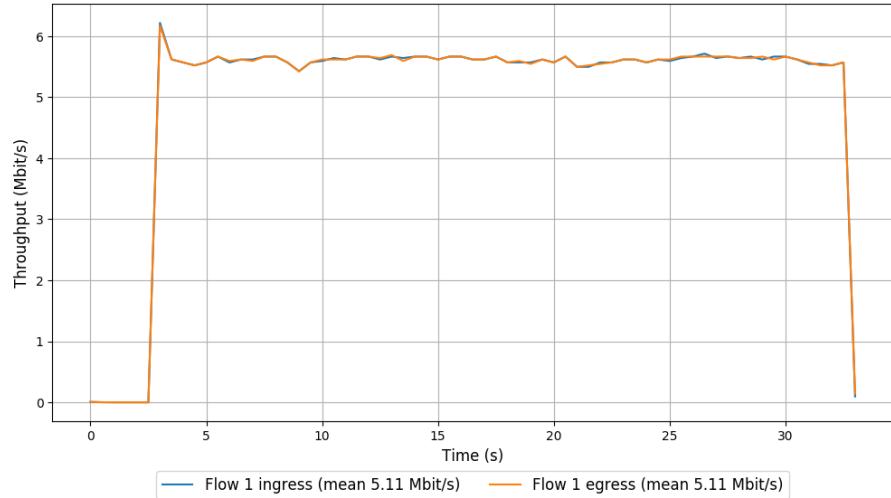


Run 8: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:25:04 +0000
End at: Tue, 13 Jun 2017 20:25:34 +0000
Local clock offset: 2.308 ms
Remote clock offset: 0.677 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 3.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 3.864 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

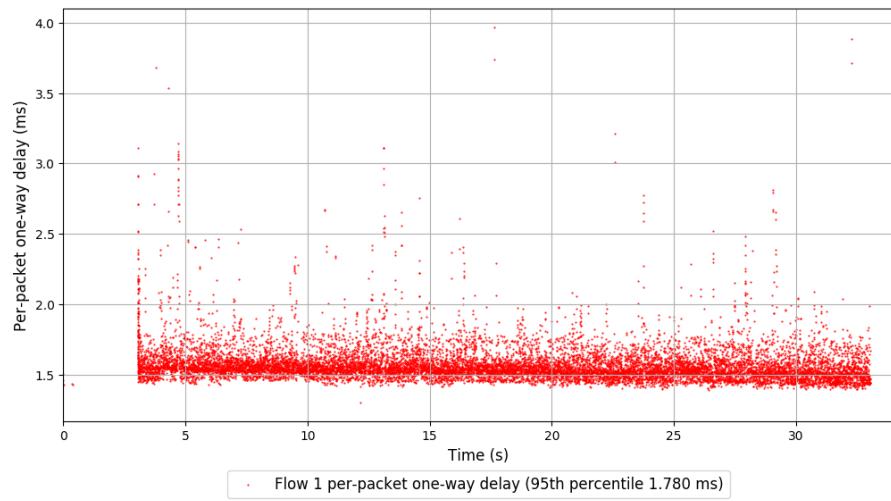
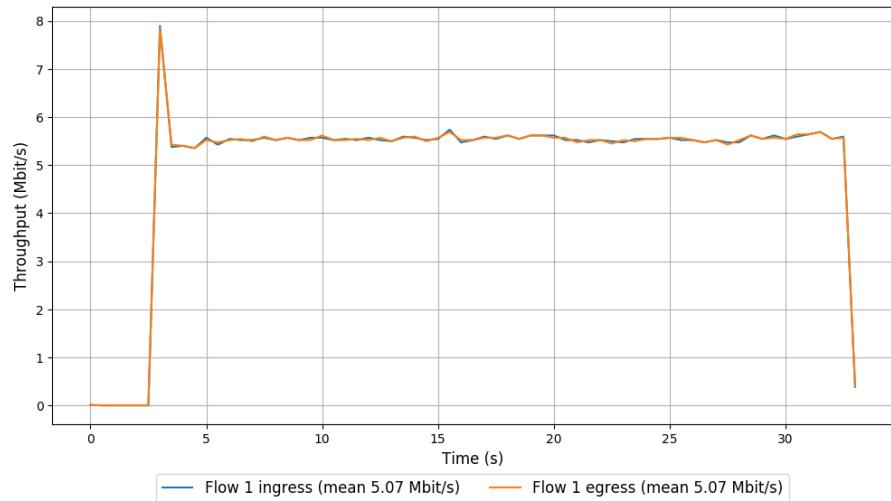


Run 9: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:42:00 +0000
End at: Tue, 13 Jun 2017 20:42:30 +0000
Local clock offset: 0.057 ms
Remote clock offset: 0.715 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

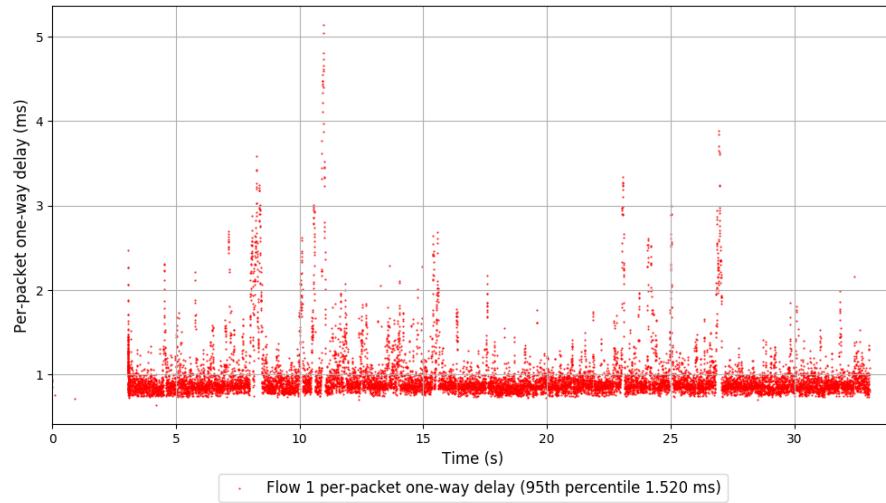
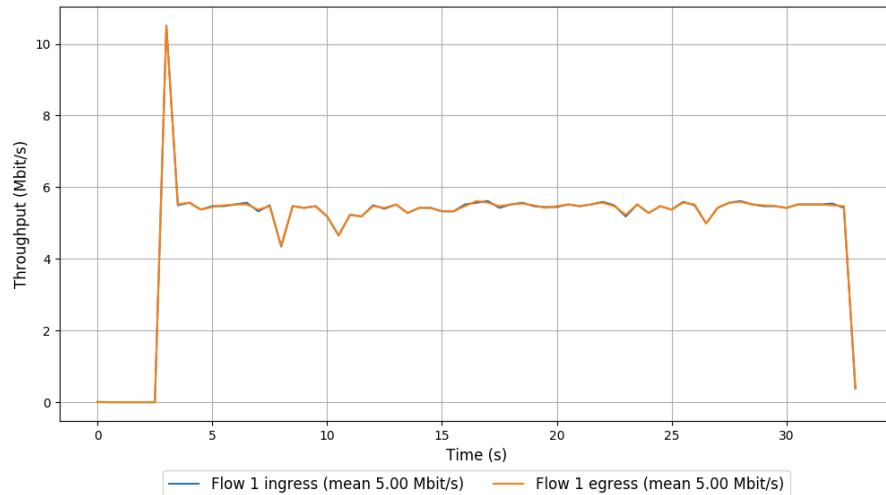


Run 10: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 20:58:53 +0000
End at: Tue, 13 Jun 2017 20:59:23 +0000
Local clock offset: -0.568 ms
Remote clock offset: 0.787 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:19:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.00 Mbit/s
95th percentile per-packet one-way delay: 1.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.00 Mbit/s
95th percentile per-packet one-way delay: 1.520 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

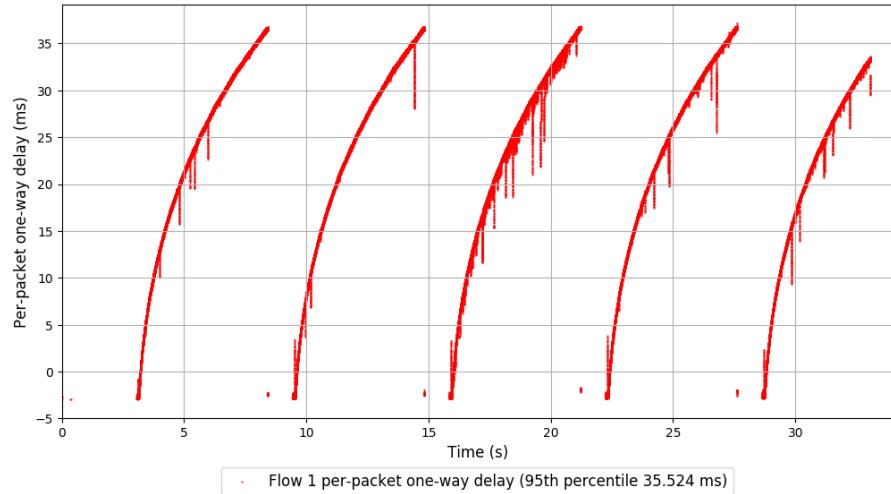
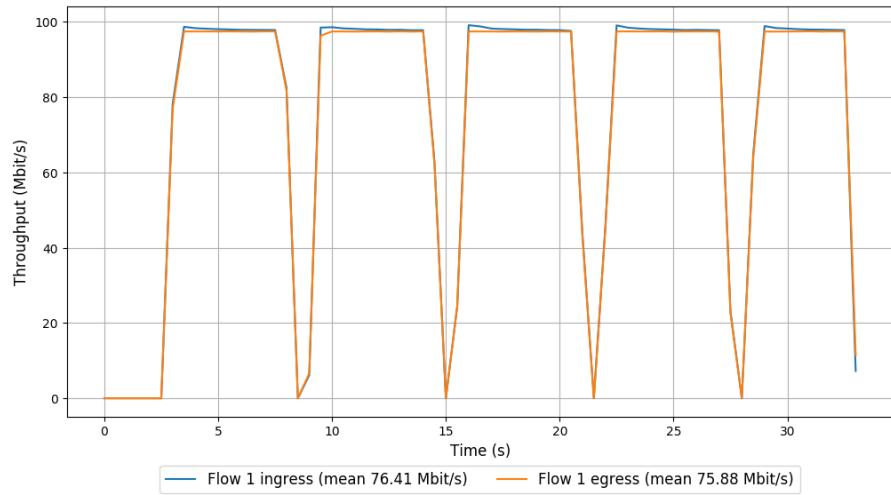


Run 1: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 18:27:48 +0000
End at: Tue, 13 Jun 2017 18:28:18 +0000
Local clock offset: -5.316 ms
Remote clock offset: -0.32 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:20:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 35.524 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 35.524 ms
Loss rate: 0.65%
```

Run 1: Report of LEDBAT — Data Link

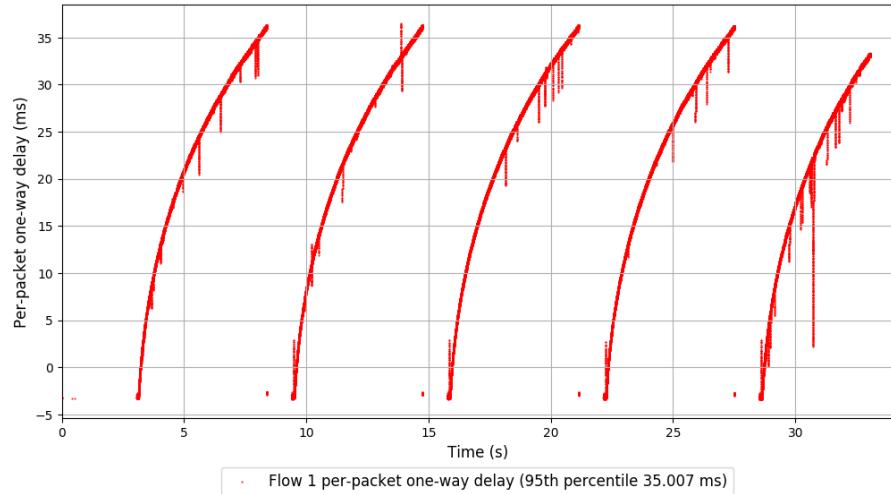
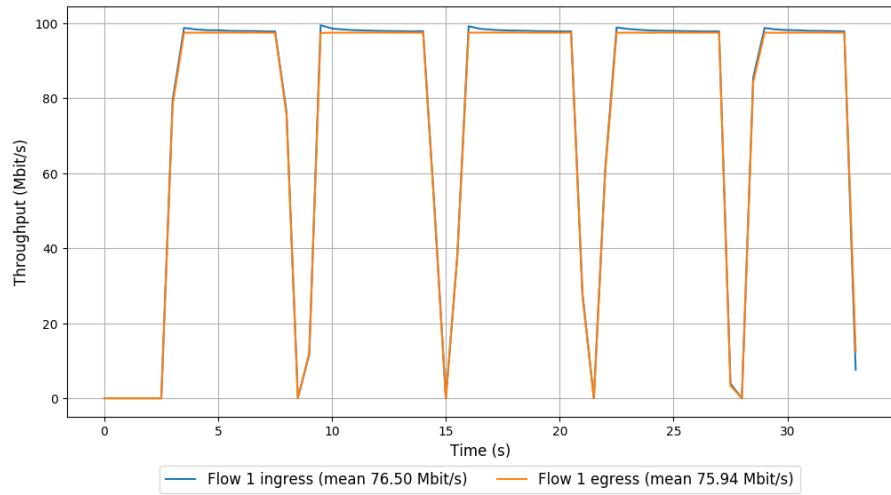


Run 2: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 18:45:06 +0000
End at: Tue, 13 Jun 2017 18:45:36 +0000
Local clock offset: -5.759 ms
Remote clock offset: -0.497 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:20:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 35.007 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 35.007 ms
Loss rate: 0.64%
```

Run 2: Report of LEDBAT — Data Link

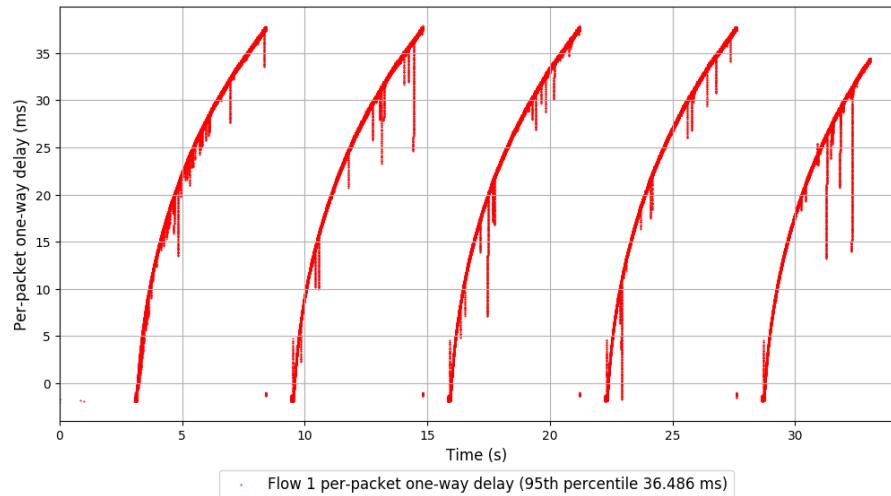
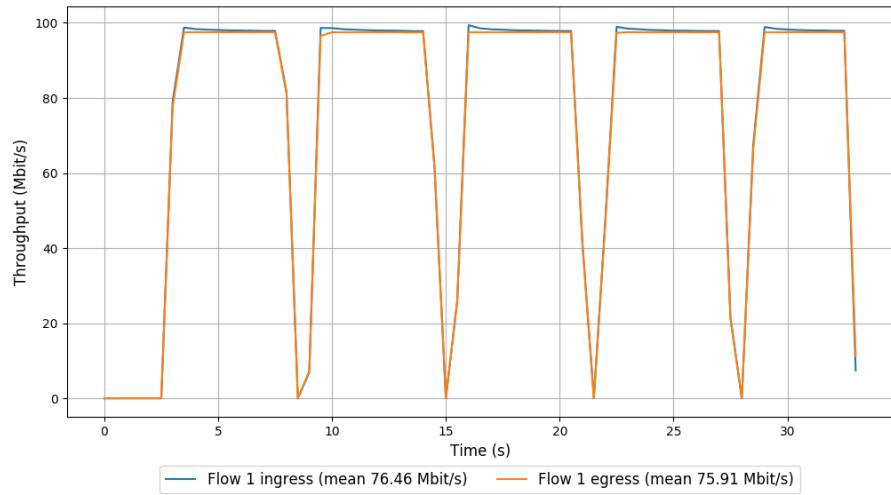


Run 3: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:02:03 +0000
End at: Tue, 13 Jun 2017 19:02:33 +0000
Local clock offset: -4.347 ms
Remote clock offset: -0.439 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:21:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 36.486 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 36.486 ms
Loss rate: 0.66%
```

Run 3: Report of LEDBAT — Data Link

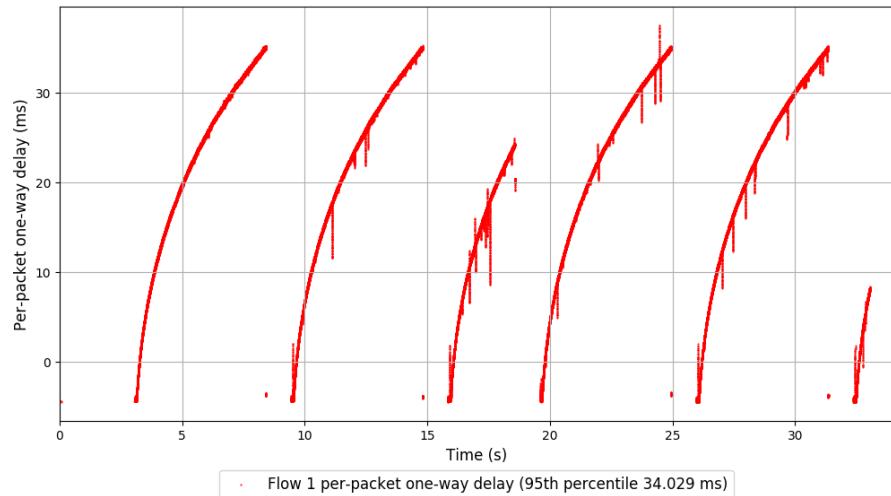
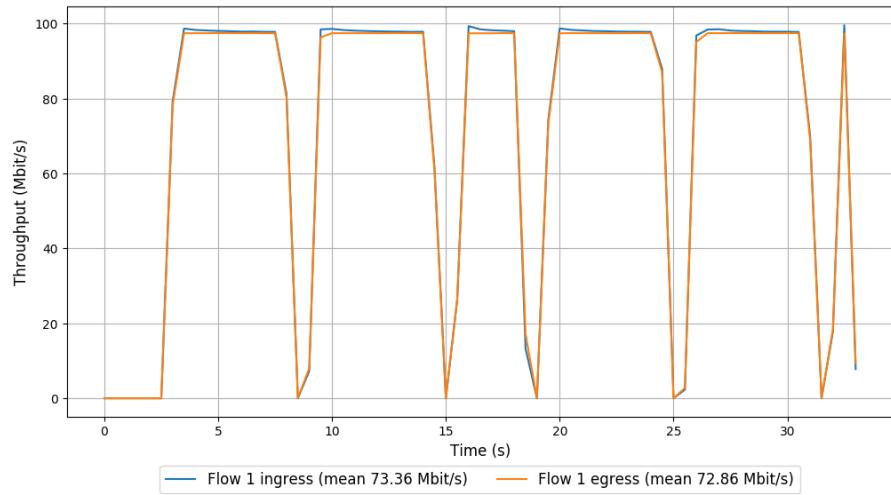


Run 4: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:19:25 +0000
End at: Tue, 13 Jun 2017 19:19:55 +0000
Local clock offset: -6.586 ms
Remote clock offset: -0.208 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:21:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 34.029 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 34.029 ms
Loss rate: 0.64%
```

Run 4: Report of LEDBAT — Data Link

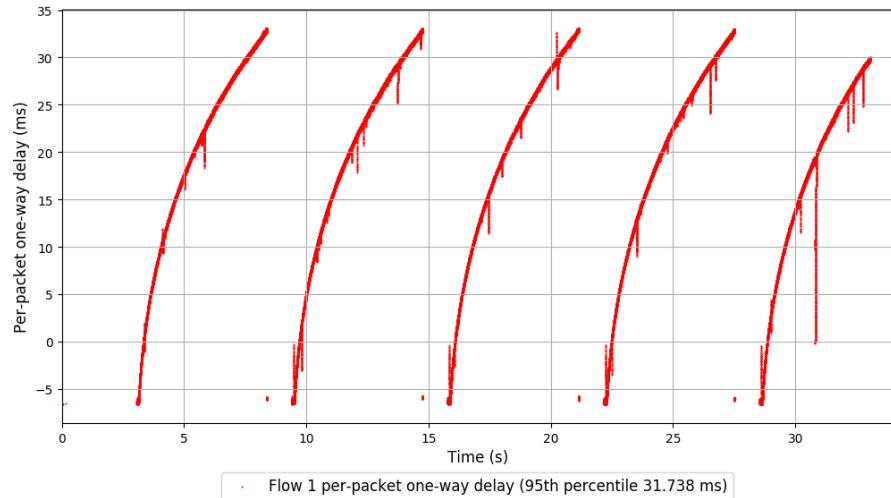
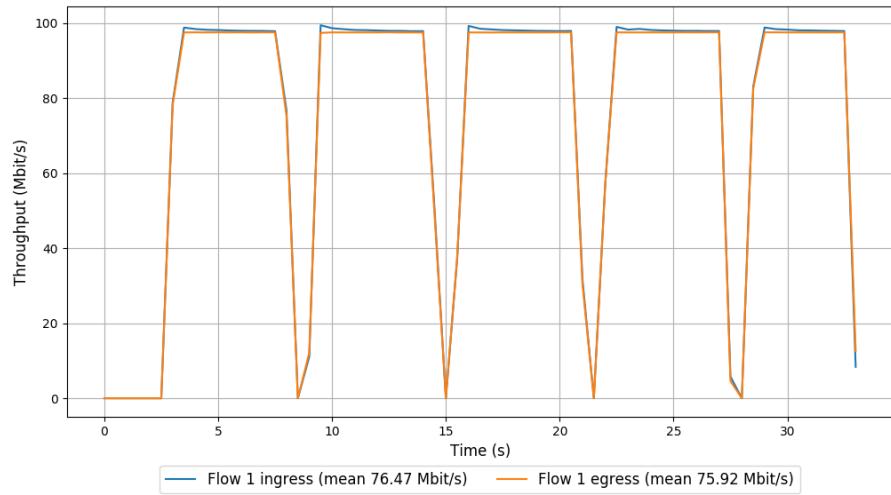


Run 5: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:36:18 +0000
End at: Tue, 13 Jun 2017 19:36:48 +0000
Local clock offset: -8.501 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:22:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.92 Mbit/s
95th percentile per-packet one-way delay: 31.738 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 75.92 Mbit/s
95th percentile per-packet one-way delay: 31.738 ms
Loss rate: 0.63%
```

Run 5: Report of LEDBAT — Data Link

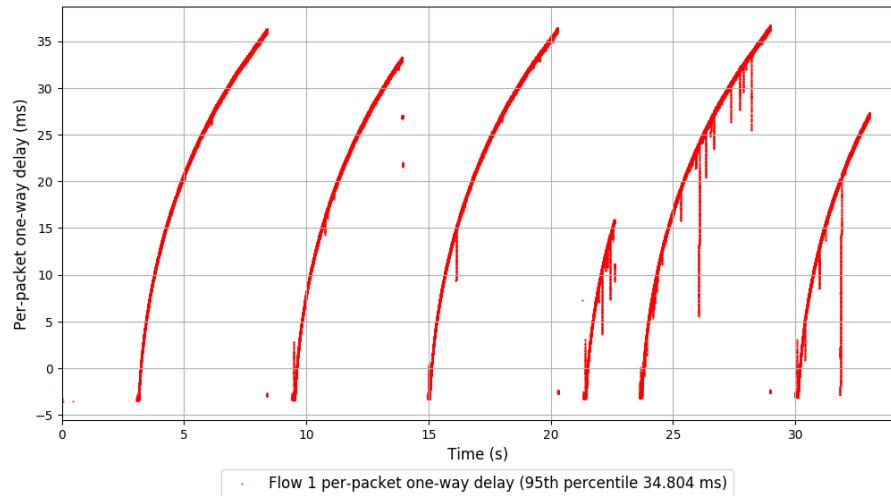
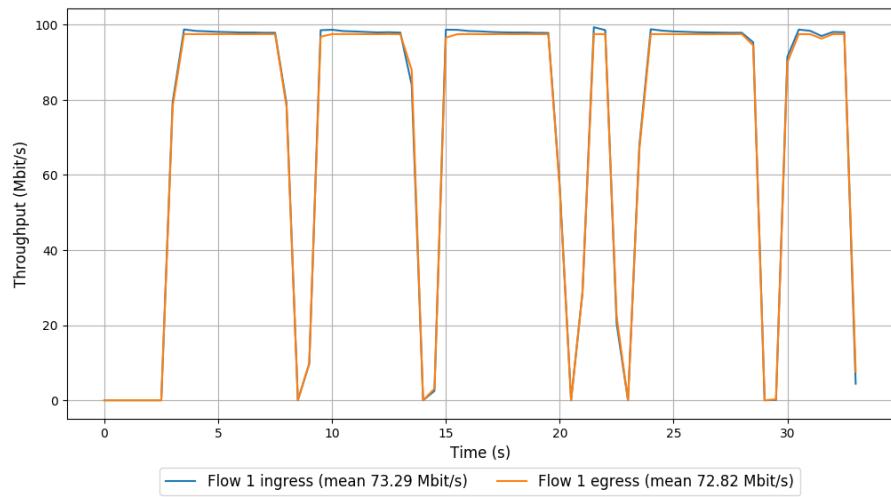


Run 6: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 19:53:22 +0000
End at: Tue, 13 Jun 2017 19:53:52 +0000
Local clock offset: -5.523 ms
Remote clock offset: 0.326 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:22:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 34.804 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 34.804 ms
Loss rate: 0.58%
```

Run 6: Report of LEDBAT — Data Link

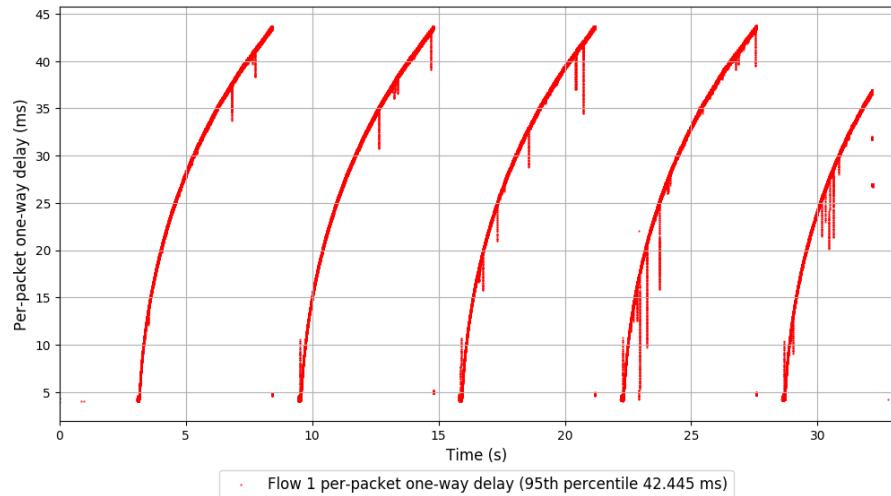
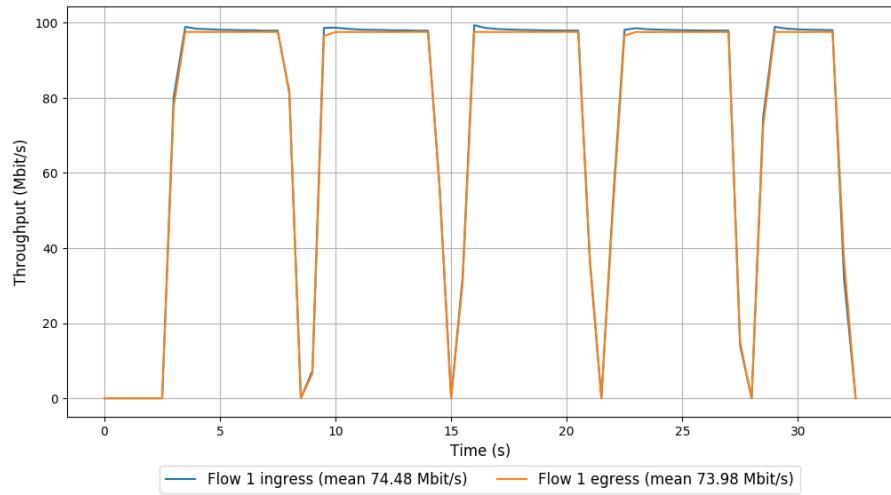


Run 7: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:10:20 +0000
End at: Tue, 13 Jun 2017 20:10:50 +0000
Local clock offset: 2.301 ms
Remote clock offset: 0.447 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:22:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 42.445 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 42.445 ms
Loss rate: 0.66%
```

Run 7: Report of LEDBAT — Data Link

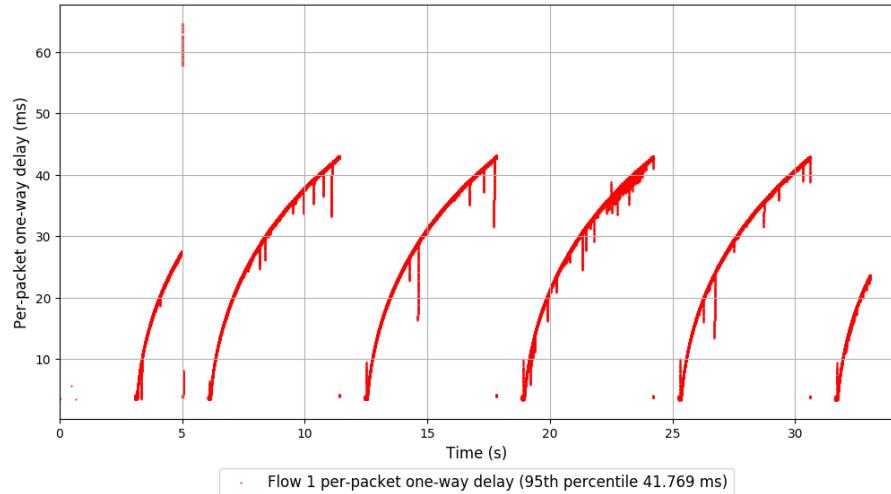
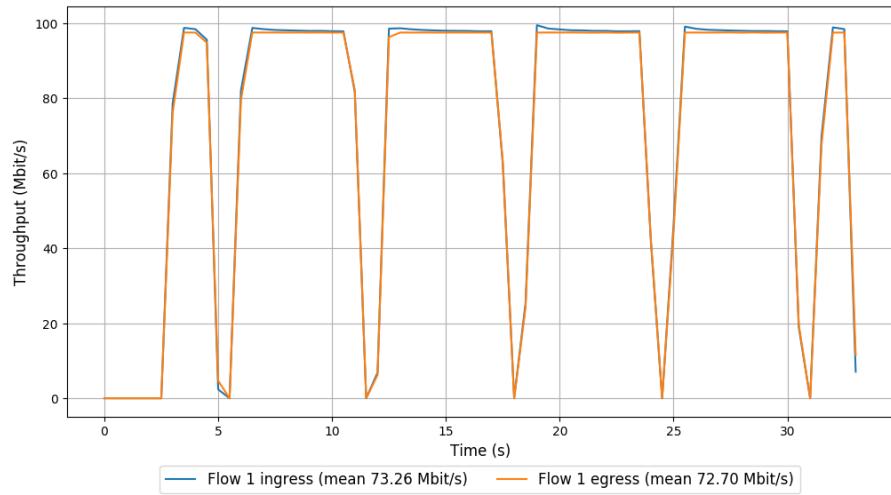


Run 8: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:27:17 +0000
End at: Tue, 13 Jun 2017 20:27:47 +0000
Local clock offset: 2.15 ms
Remote clock offset: 0.666 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:22:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 41.769 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 41.769 ms
Loss rate: 0.70%
```

Run 8: Report of LEDBAT — Data Link

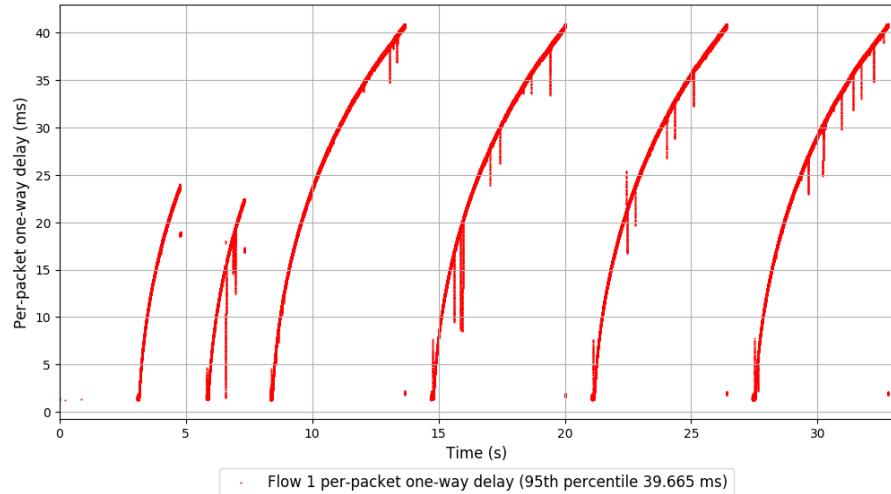
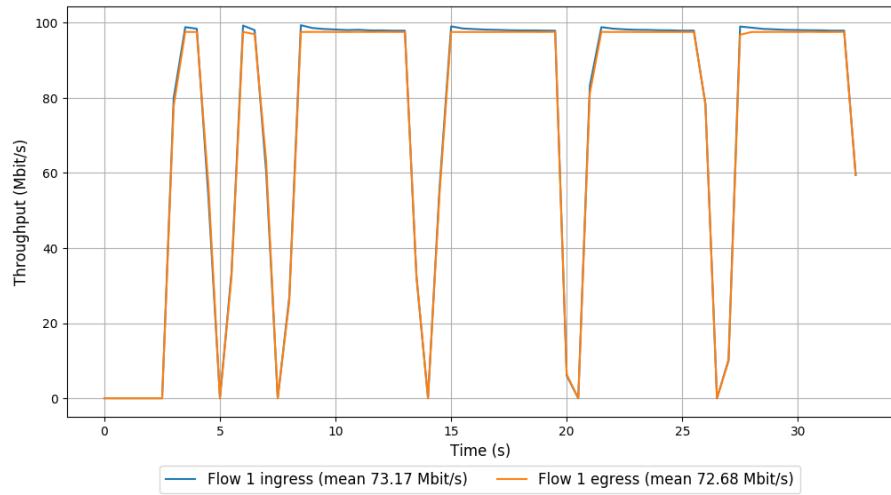


Run 9: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 20:44:14 +0000
End at: Tue, 13 Jun 2017 20:44:44 +0000
Local clock offset: 0.009 ms
Remote clock offset: 0.73 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:23:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 39.665 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 39.665 ms
Loss rate: 0.68%
```

Run 9: Report of LEDBAT — Data Link

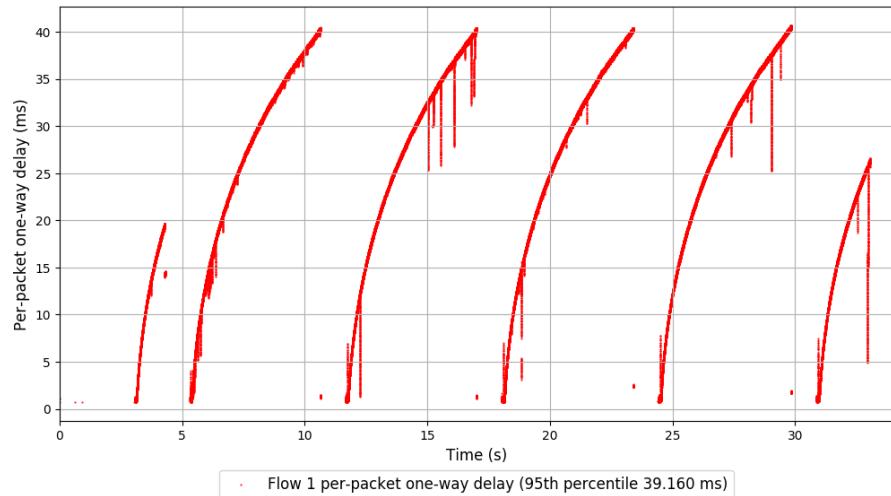
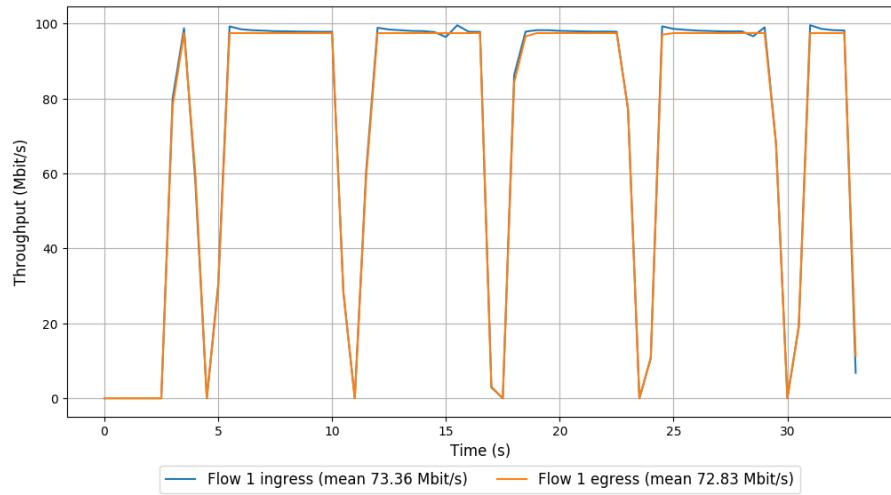


Run 10: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 21:01:06 +0000
End at: Tue, 13 Jun 2017 21:01:36 +0000
Local clock offset: -0.551 ms
Remote clock offset: 0.787 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:23:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.83 Mbit/s
95th percentile per-packet one-way delay: 39.160 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 72.83 Mbit/s
95th percentile per-packet one-way delay: 39.160 ms
Loss rate: 0.66%
```

Run 10: Report of LEDBAT — Data Link

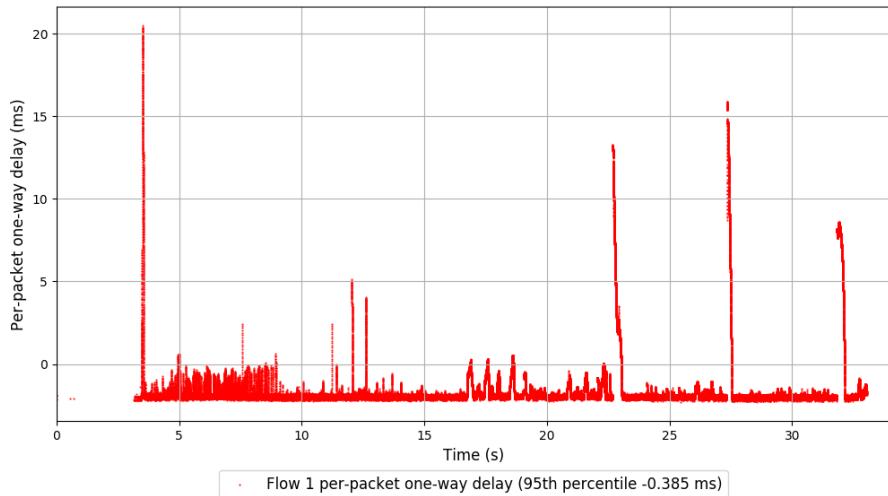
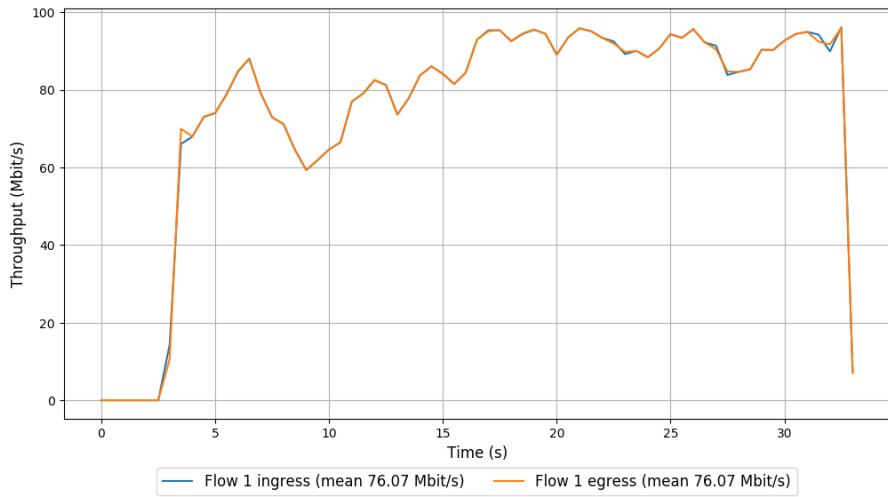


Run 1: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 18:36:00 +0000
End at: Tue, 13 Jun 2017 18:36:30 +0000
Local clock offset: -4.456 ms
Remote clock offset: -0.417 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:24:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.07 Mbit/s
95th percentile per-packet one-way delay: -0.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.07 Mbit/s
95th percentile per-packet one-way delay: -0.385 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

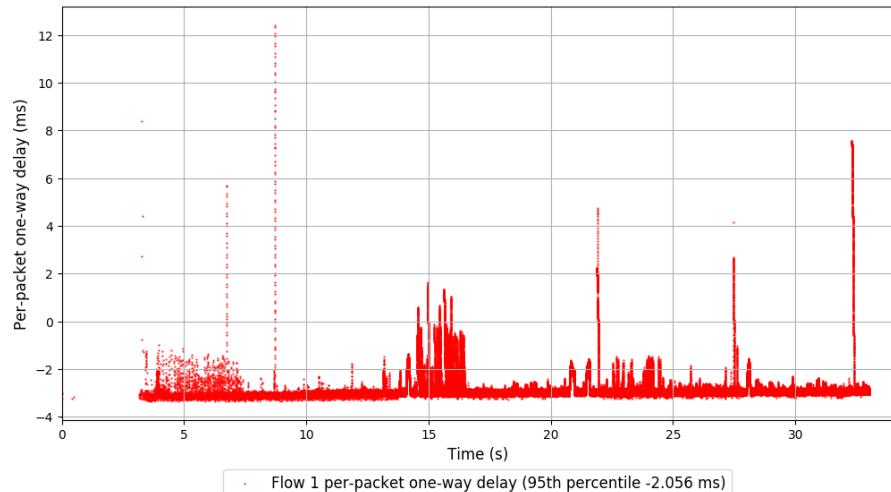
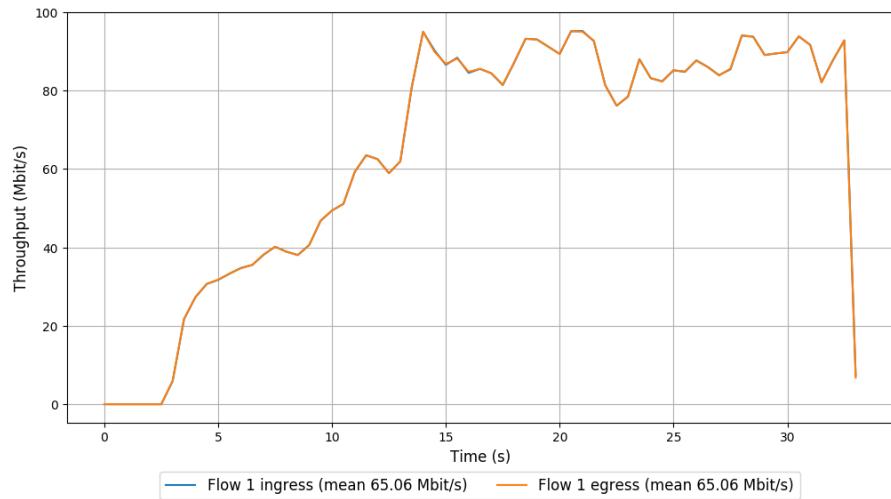


Run 2: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 18:53:01 +0000
End at: Tue, 13 Jun 2017 18:53:31 +0000
Local clock offset: -5.806 ms
Remote clock offset: -0.396 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:24:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.06 Mbit/s
95th percentile per-packet one-way delay: -2.056 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.06 Mbit/s
95th percentile per-packet one-way delay: -2.056 ms
Loss rate: 0.00%
```

Run 2: Report of PCC — Data Link

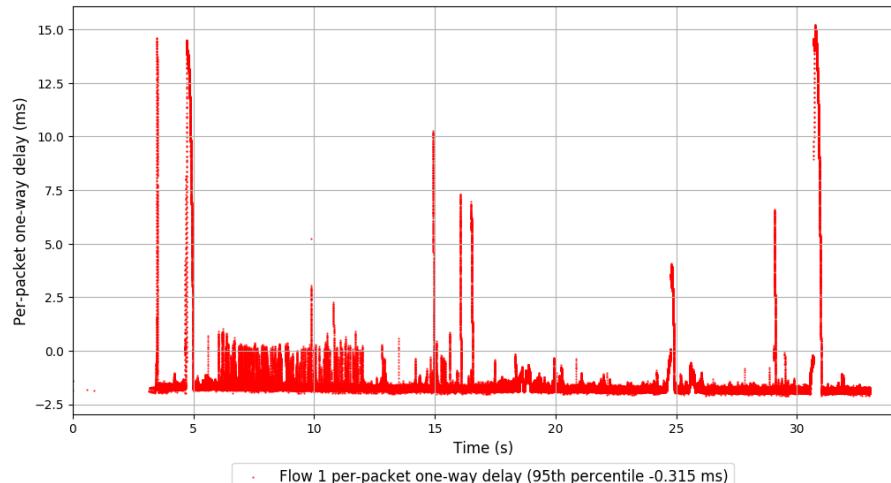
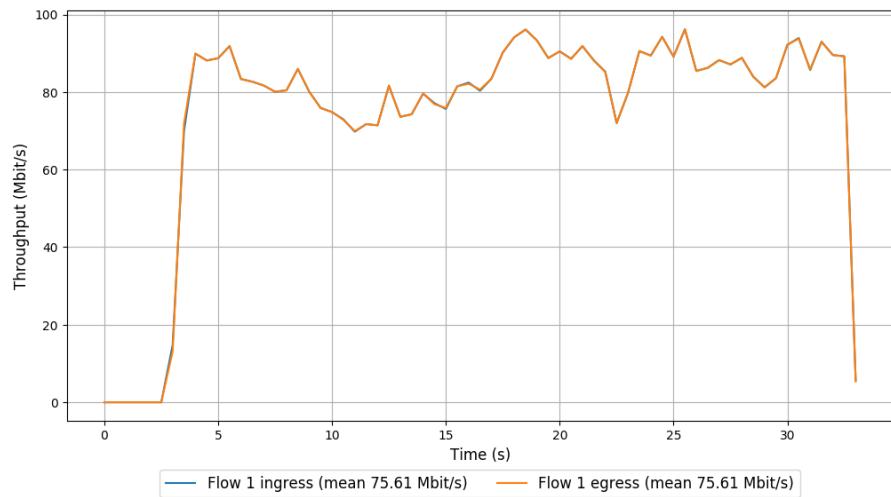


Run 3: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 19:09:58 +0000
End at: Tue, 13 Jun 2017 19:10:28 +0000
Local clock offset: -3.896 ms
Remote clock offset: -0.274 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:24:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.61 Mbit/s
95th percentile per-packet one-way delay: -0.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.61 Mbit/s
95th percentile per-packet one-way delay: -0.315 ms
Loss rate: 0.00%
```

Run 3: Report of PCC — Data Link

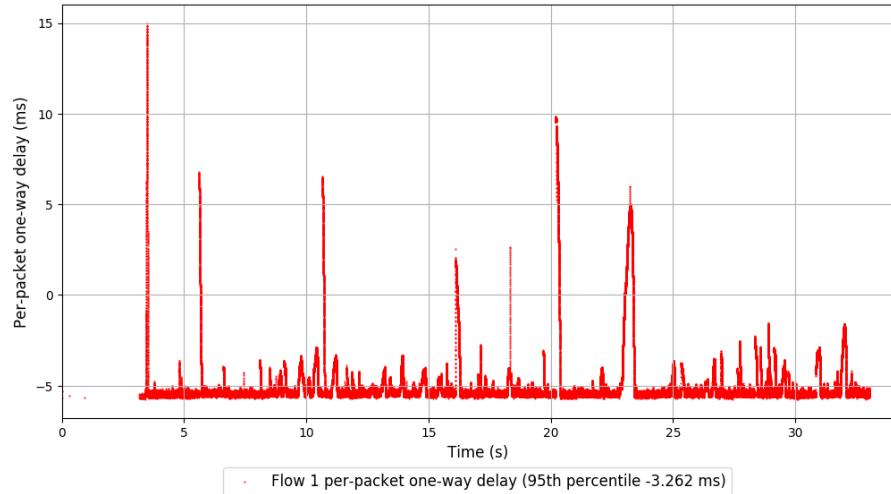
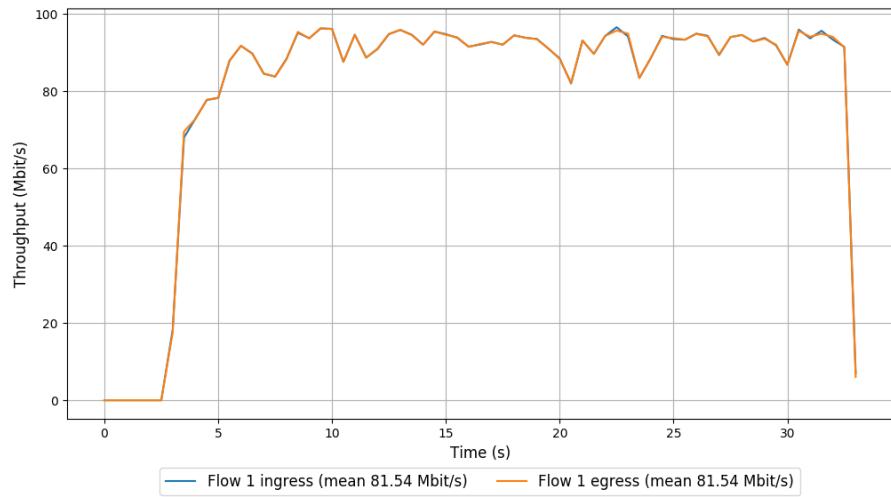


Run 4: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 19:27:18 +0000
End at: Tue, 13 Jun 2017 19:27:48 +0000
Local clock offset: -7.635 ms
Remote clock offset: 0.029 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:25:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: -3.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: -3.262 ms
Loss rate: 0.00%
```

Run 4: Report of PCC — Data Link

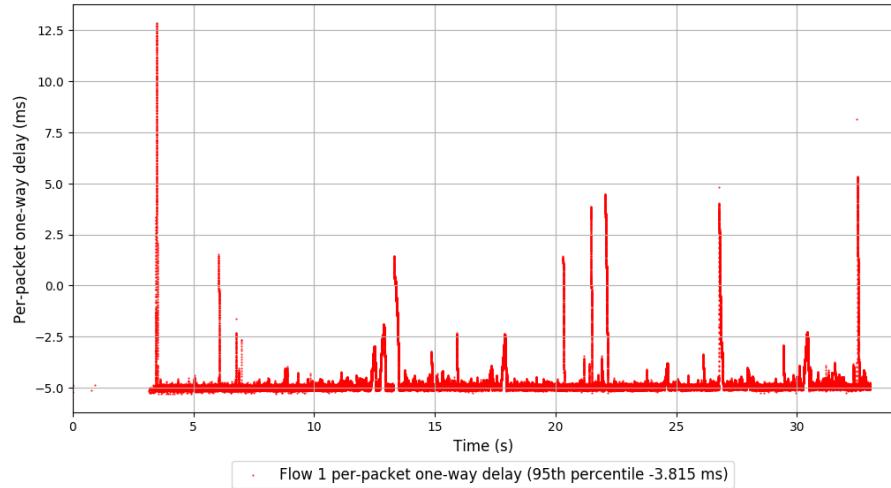
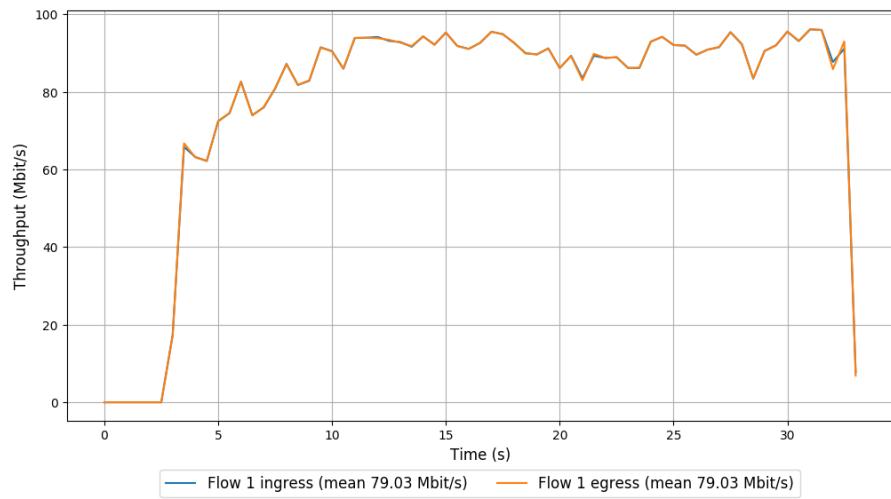


Run 5: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 19:44:13 +0000
End at: Tue, 13 Jun 2017 19:44:43 +0000
Local clock offset: -7.144 ms
Remote clock offset: 0.14 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:25:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: -3.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: -3.815 ms
Loss rate: 0.00%
```

Run 5: Report of PCC — Data Link

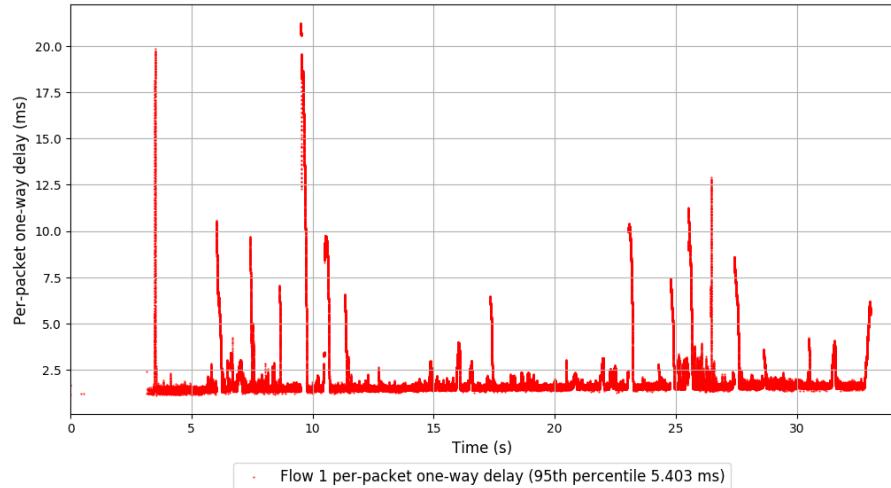
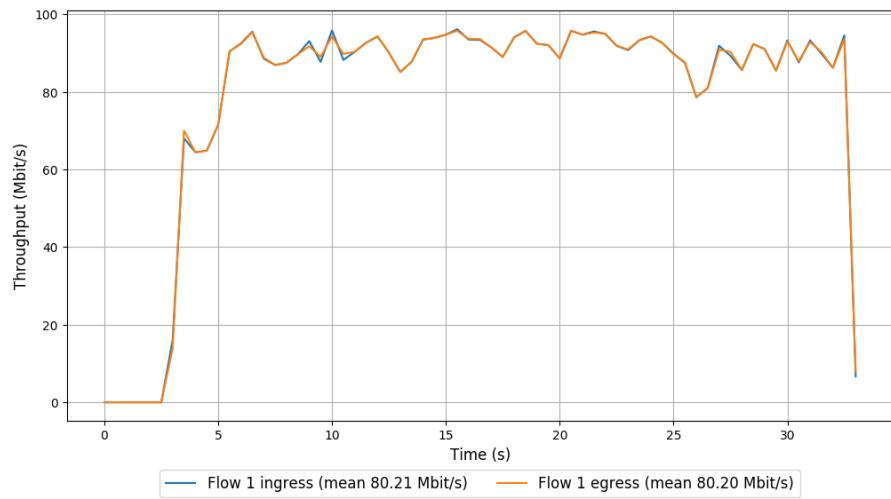


Run 6: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:01:16 +0000
End at: Tue, 13 Jun 2017 20:01:46 +0000
Local clock offset: -0.688 ms
Remote clock offset: 0.332 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:25:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 5.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 5.403 ms
Loss rate: 0.00%
```

Run 6: Report of PCC — Data Link

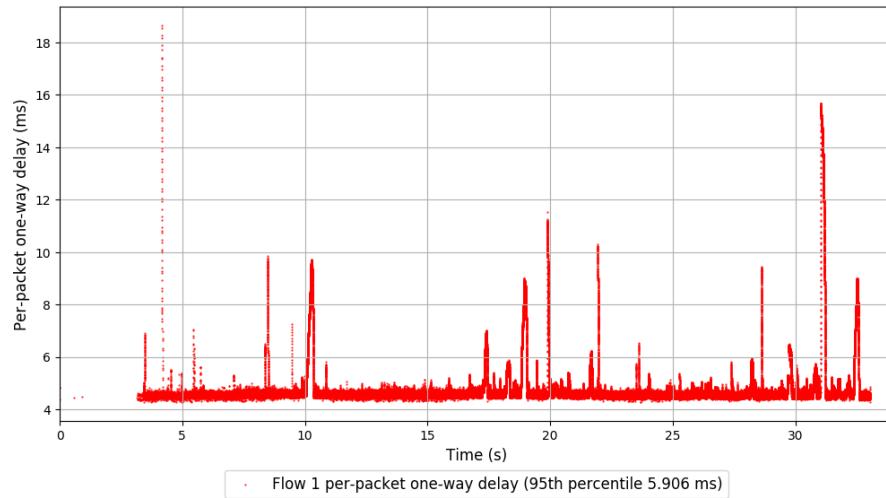
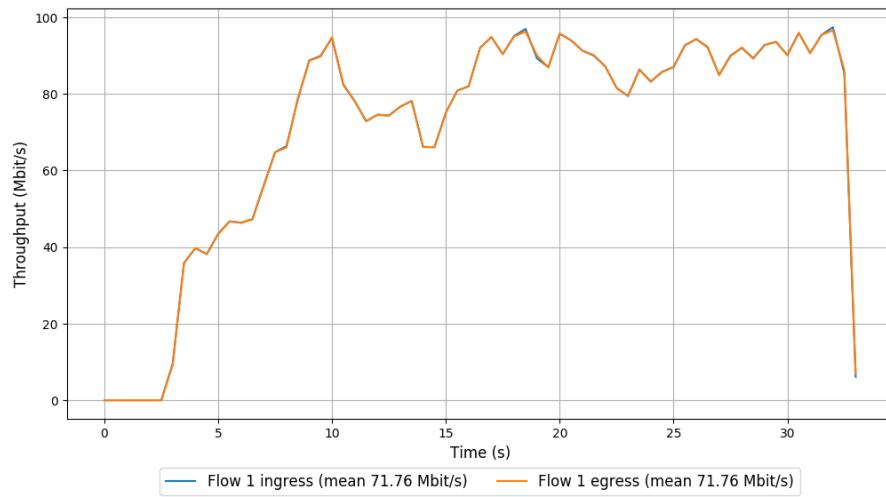


Run 7: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:18:14 +0000
End at: Tue, 13 Jun 2017 20:18:44 +0000
Local clock offset: 3.04 ms
Remote clock offset: 0.61 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:26:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 5.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 5.906 ms
Loss rate: 0.00%
```

Run 7: Report of PCC — Data Link

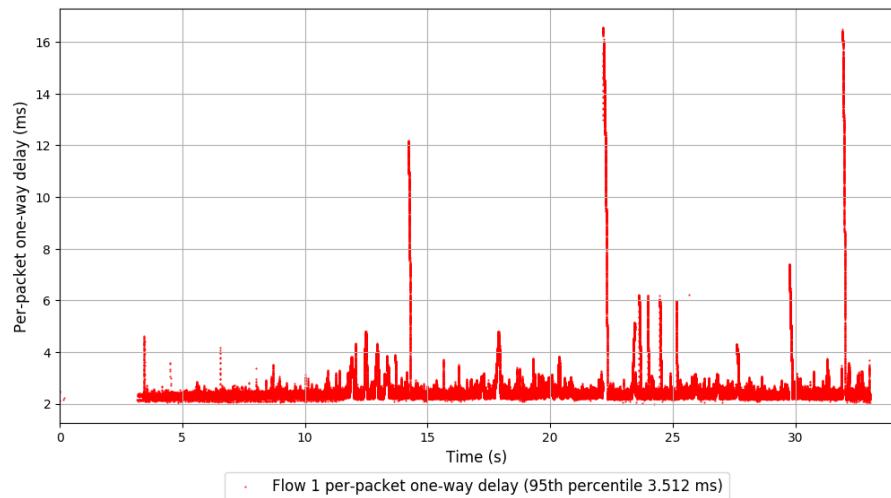
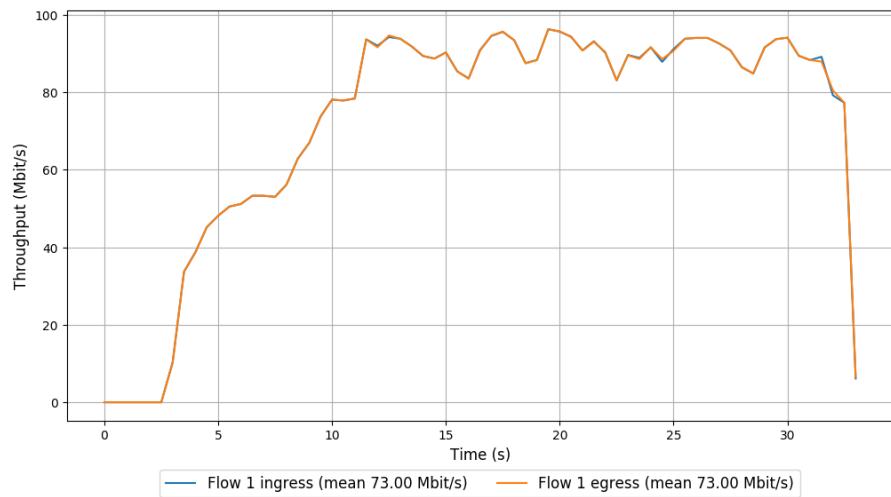


Run 8: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:35:11 +0000
End at: Tue, 13 Jun 2017 20:35:41 +0000
Local clock offset: 0.861 ms
Remote clock offset: 0.701 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:26:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.00 Mbit/s
95th percentile per-packet one-way delay: 3.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.00 Mbit/s
95th percentile per-packet one-way delay: 3.512 ms
Loss rate: 0.00%
```

Run 8: Report of PCC — Data Link

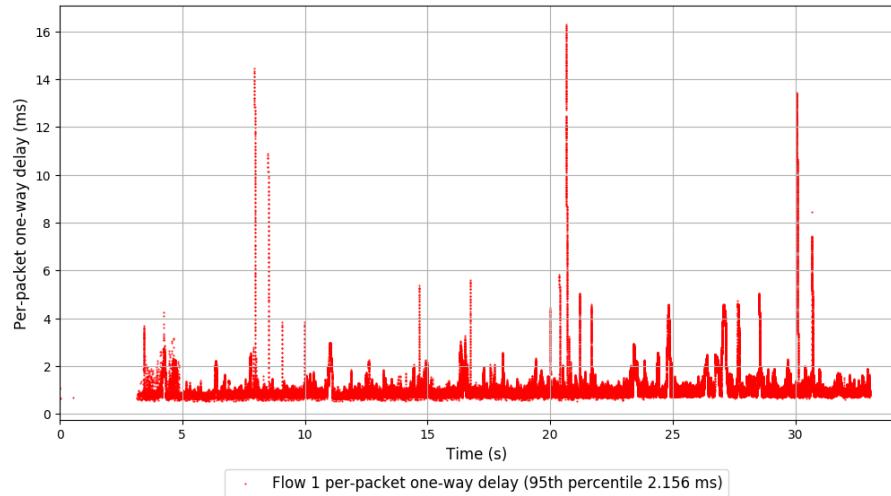
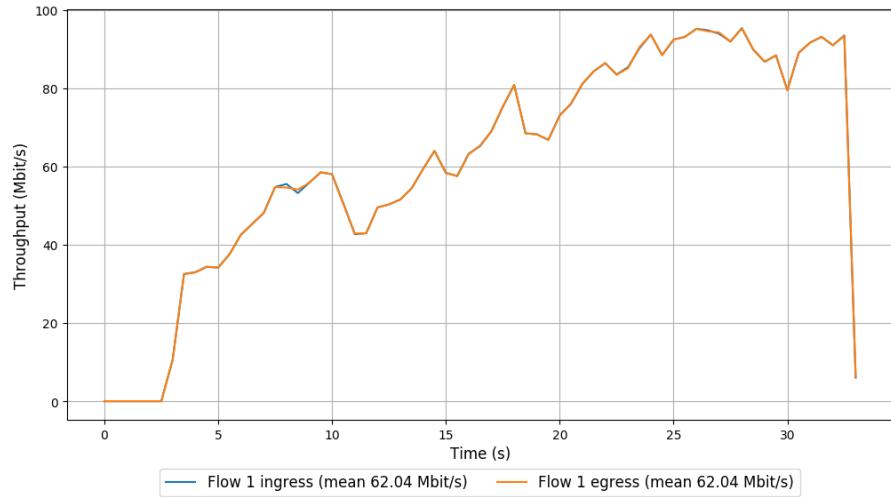


Run 9: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 20:52:03 +0000
End at: Tue, 13 Jun 2017 20:52:34 +0000
Local clock offset: -0.599 ms
Remote clock offset: 0.68 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:26:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.00%
```

Run 9: Report of PCC — Data Link

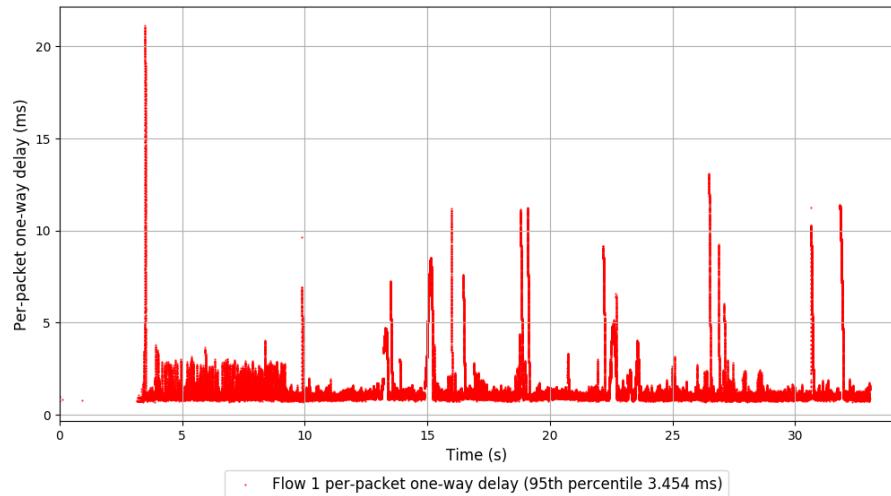
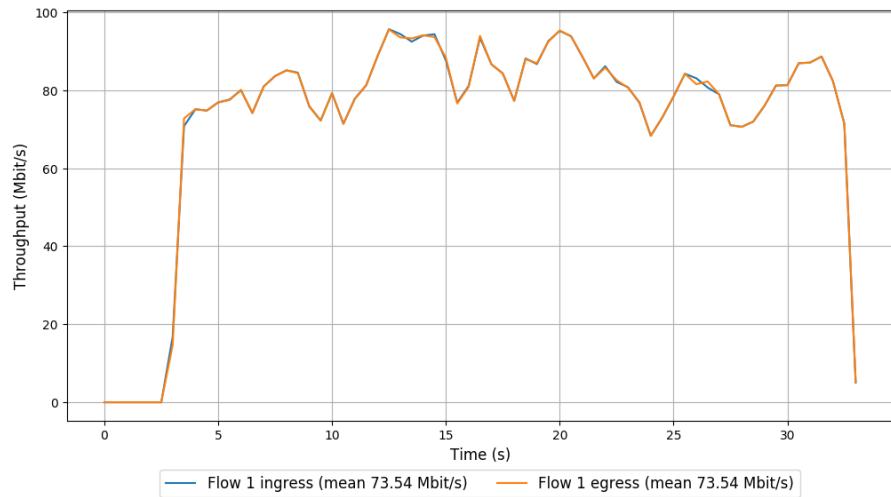


Run 10: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 21:09:00 +0000
End at: Tue, 13 Jun 2017 21:09:30 +0000
Local clock offset: -0.467 ms
Remote clock offset: 0.731 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.00%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 13 Jun 2017 18:41:46 +0000
```

```
End at: Tue, 13 Jun 2017 18:42:16 +0000
```

```
Local clock offset: -5.348 ms
```

```
Remote clock offset: -0.419 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 14.35 Mbit/s
```

```
95th percentile per-packet one-way delay: -2.304 ms
```

```
Loss rate: 0.00%
```

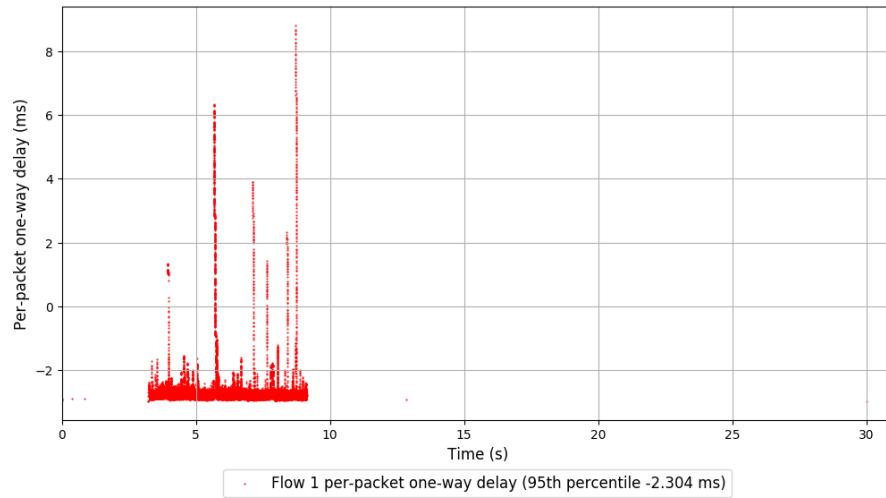
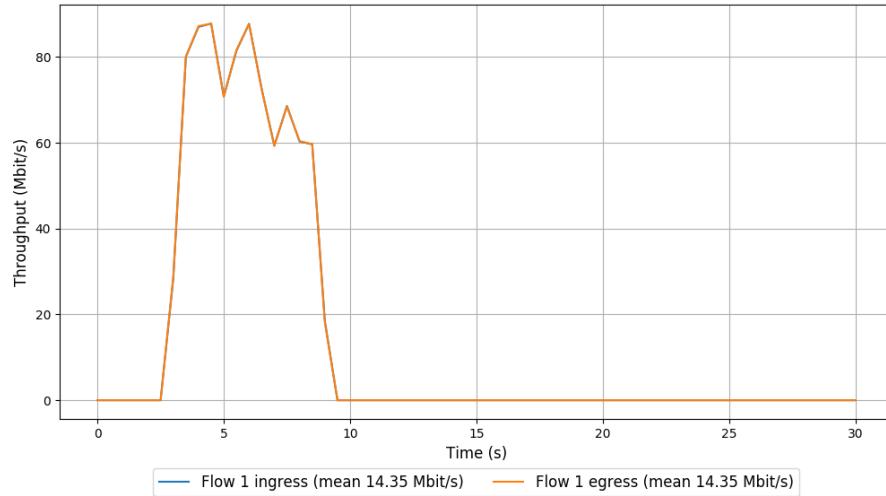
```
-- Flow 1:
```

```
Average throughput: 14.35 Mbit/s
```

```
95th percentile per-packet one-way delay: -2.304 ms
```

```
Loss rate: 0.00%
```

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

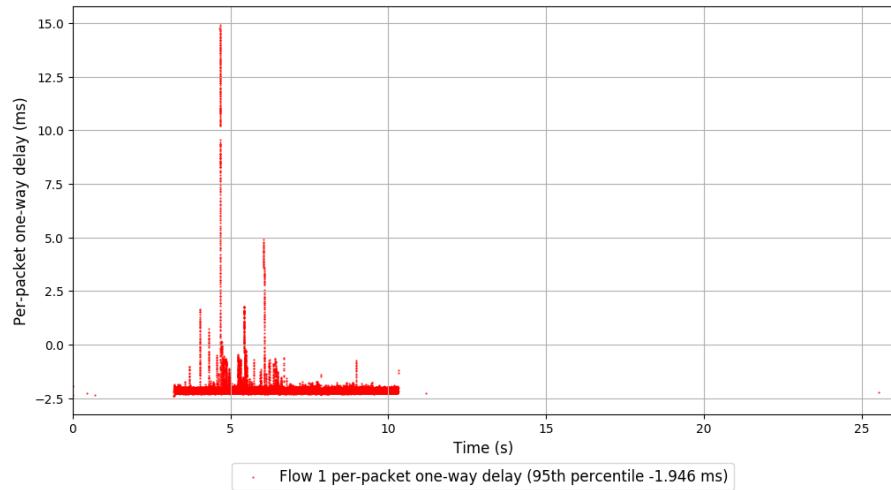
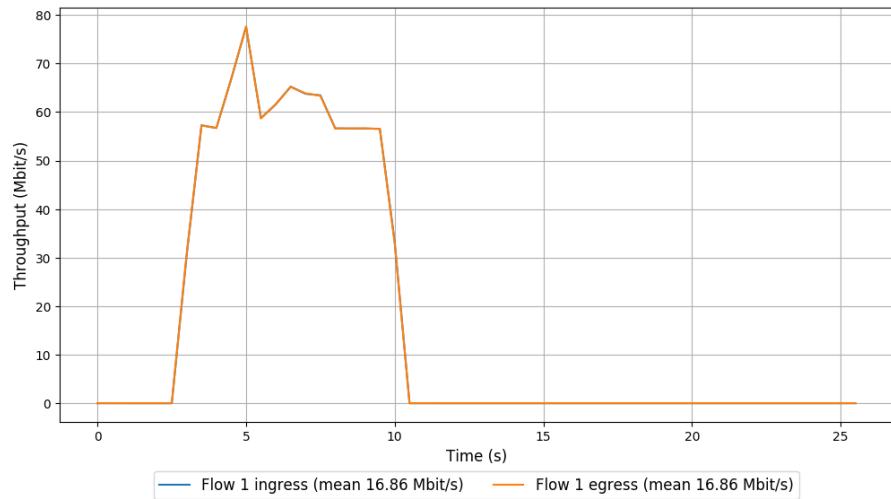


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 18:58:45 +0000
End at: Tue, 13 Jun 2017 18:59:15 +0000
Local clock offset: -4.763 ms
Remote clock offset: -0.406 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: -1.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: -1.946 ms
Loss rate: 0.00%
```

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

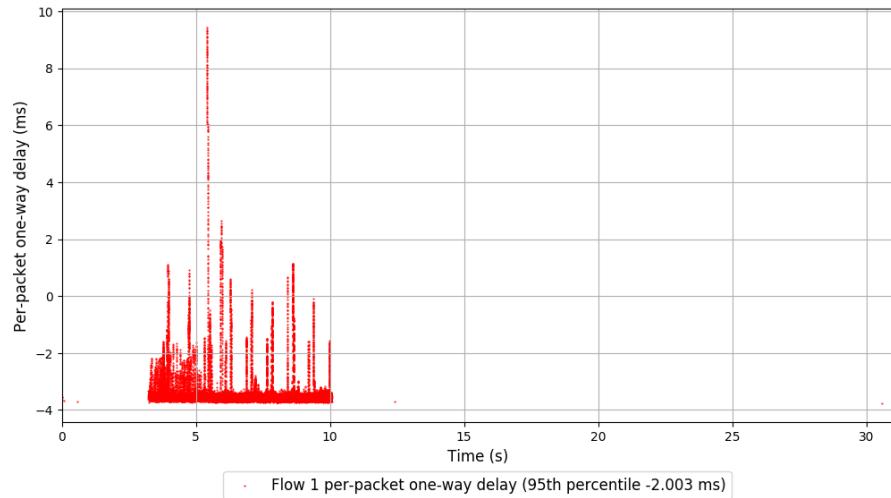
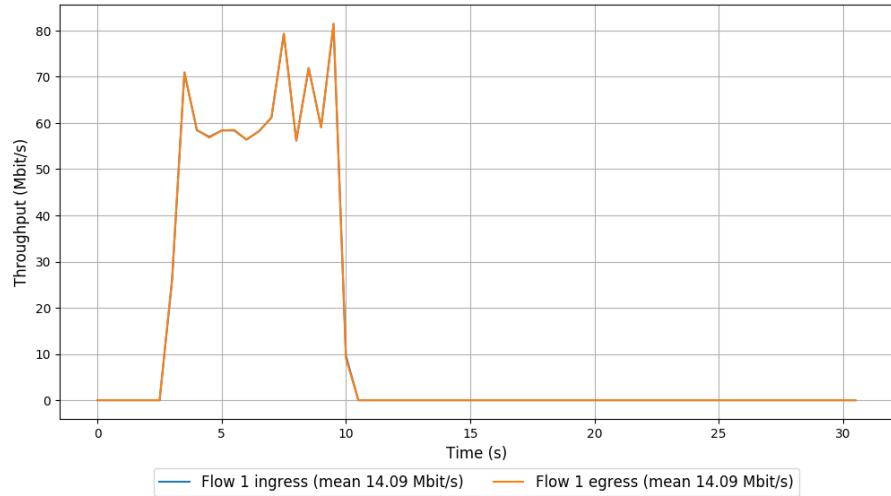


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:16:04 +0000
End at: Tue, 13 Jun 2017 19:16:34 +0000
Local clock offset: -5.937 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: -2.003 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: -2.003 ms
Loss rate: 0.01%
```

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

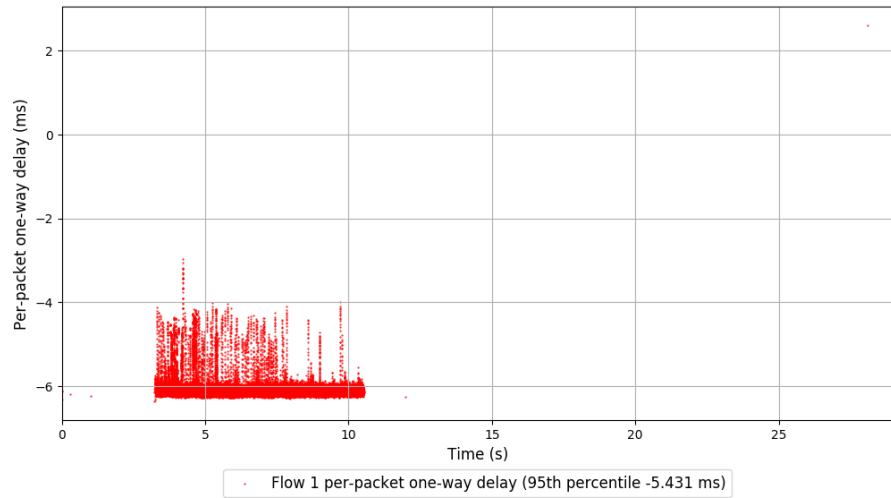
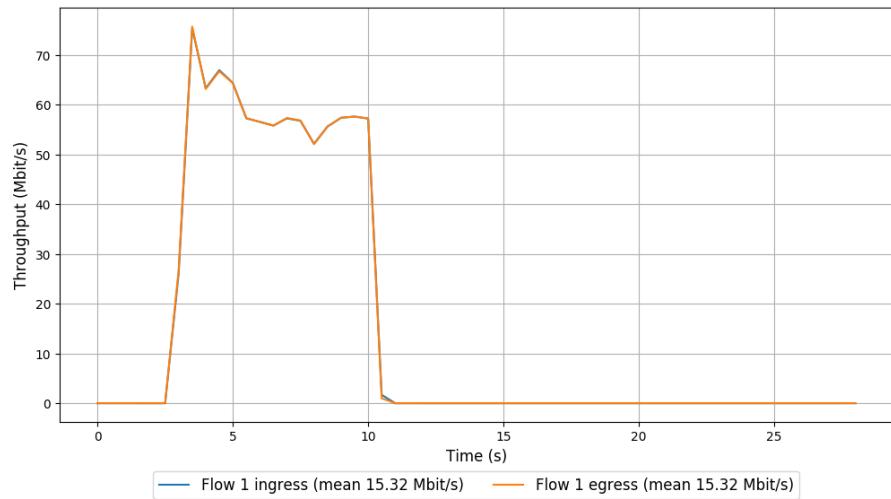


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:33:01 +0000
End at: Tue, 13 Jun 2017 19:33:31 +0000
Local clock offset: -8.279 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: -5.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: -5.431 ms
Loss rate: 0.00%
```

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

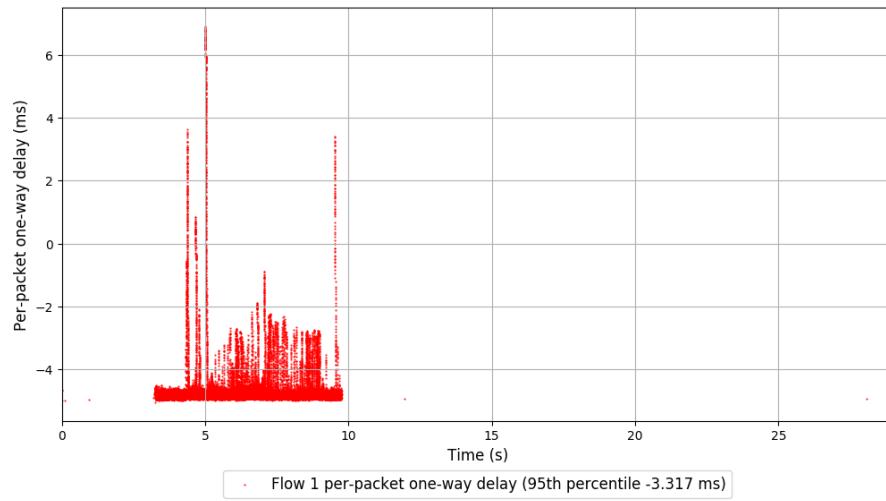
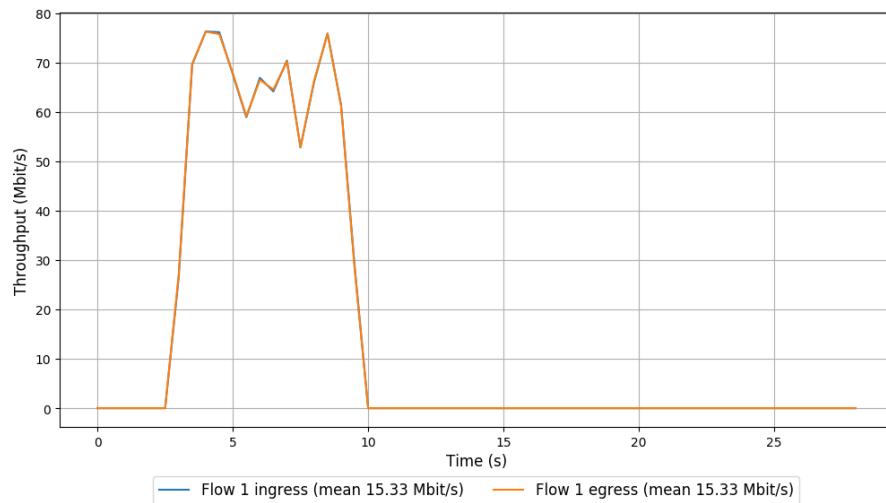


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 19:49:58 +0000
End at: Tue, 13 Jun 2017 19:50:28 +0000
Local clock offset: -6.707 ms
Remote clock offset: 0.287 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.33 Mbit/s
95th percentile per-packet one-way delay: -3.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.33 Mbit/s
95th percentile per-packet one-way delay: -3.317 ms
Loss rate: 0.00%
```

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

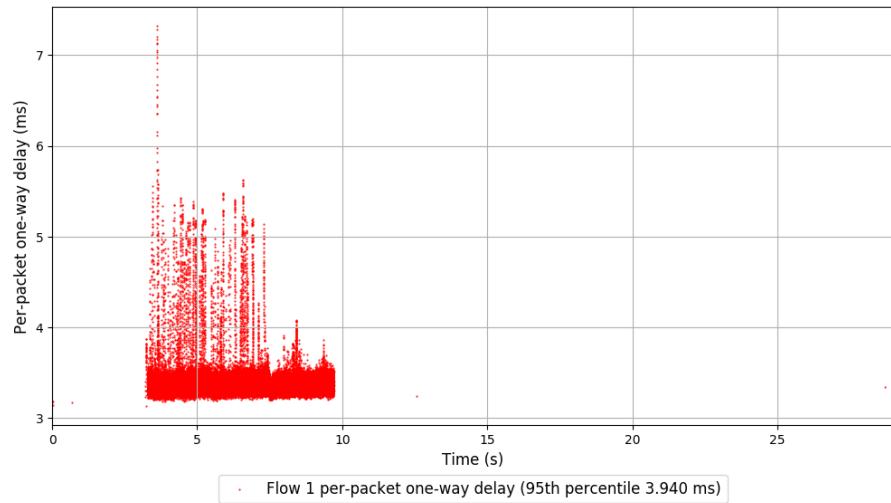
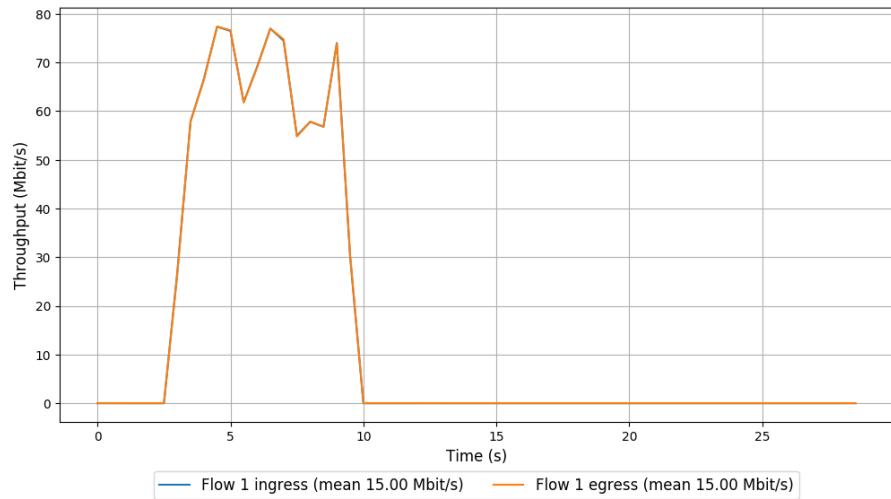


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:07:02 +0000
End at: Tue, 13 Jun 2017 20:07:32 +0000
Local clock offset: 1.513 ms
Remote clock offset: 0.425 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.00 Mbit/s
95th percentile per-packet one-way delay: 3.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.00 Mbit/s
95th percentile per-packet one-way delay: 3.940 ms
Loss rate: 0.00%
```

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

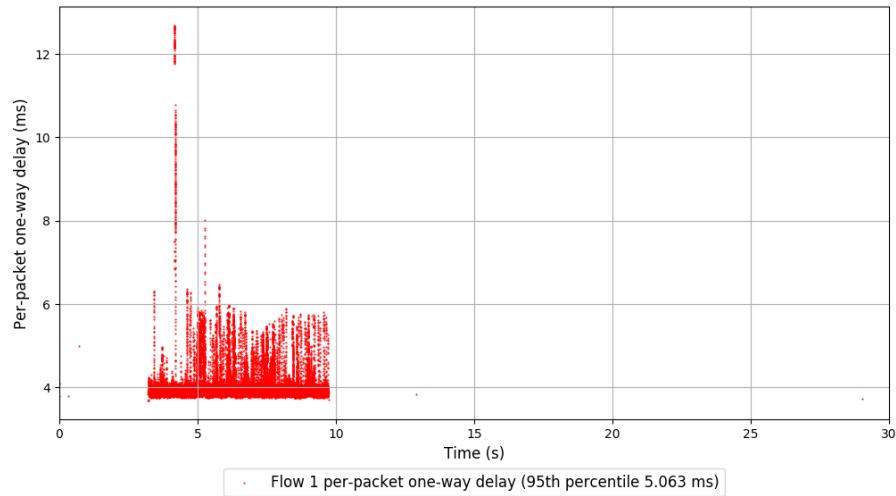
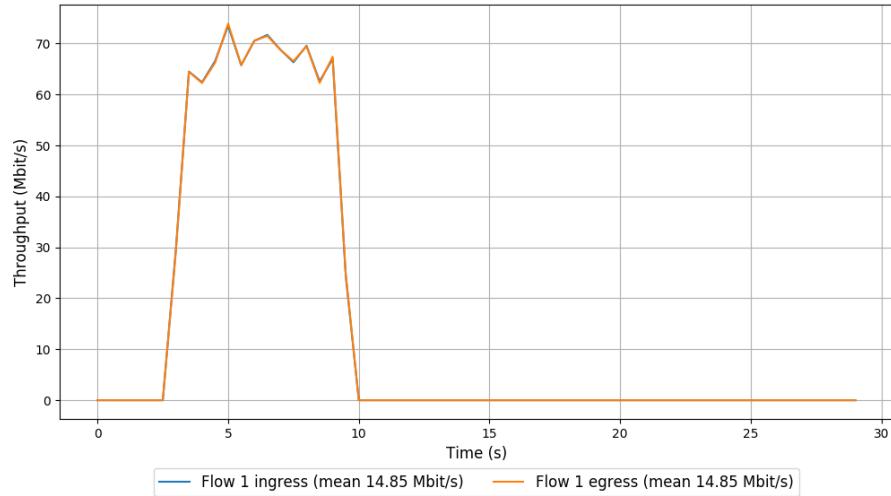


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:23:59 +0000
End at: Tue, 13 Jun 2017 20:24:29 +0000
Local clock offset: 2.354 ms
Remote clock offset: 0.64 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: 5.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: 5.063 ms
Loss rate: 0.00%
```

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

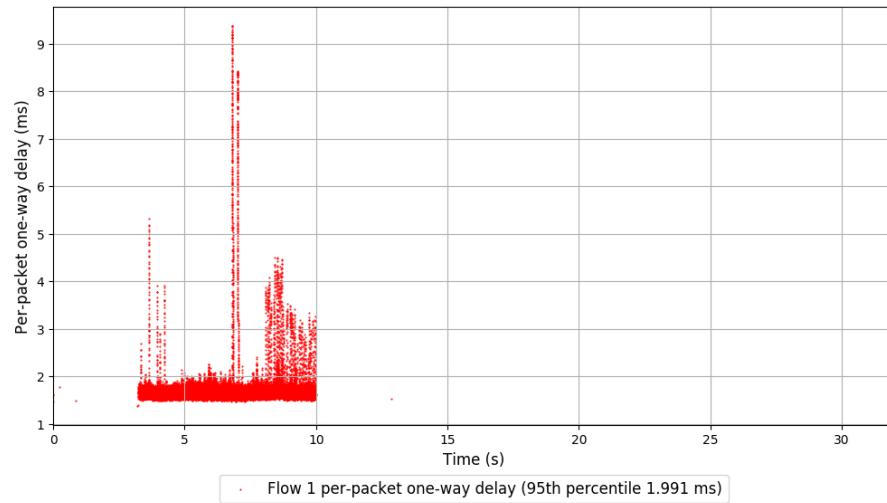
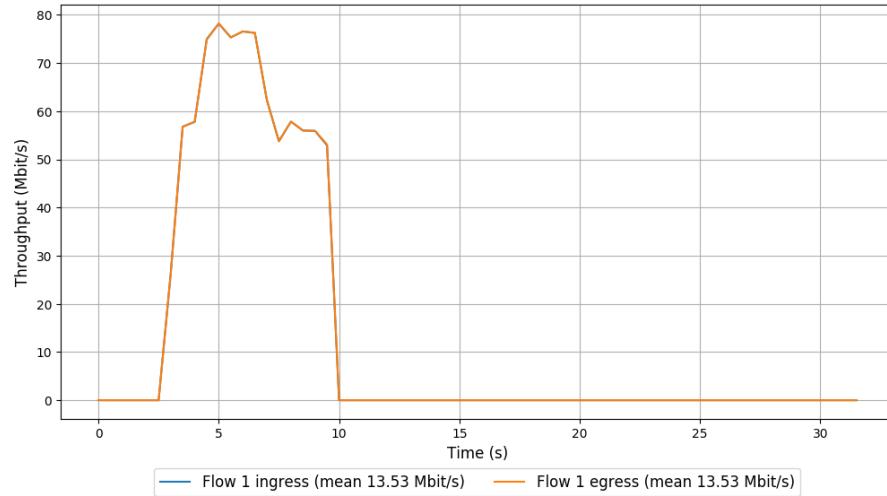


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:40:56 +0000
End at: Tue, 13 Jun 2017 20:41:26 +0000
Local clock offset: 0.219 ms
Remote clock offset: 0.721 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 1.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 1.991 ms
Loss rate: 0.00%
```

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

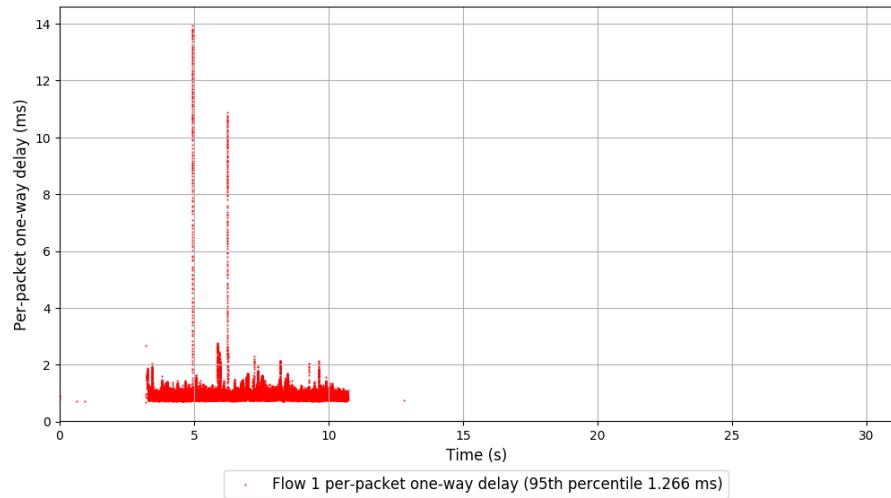
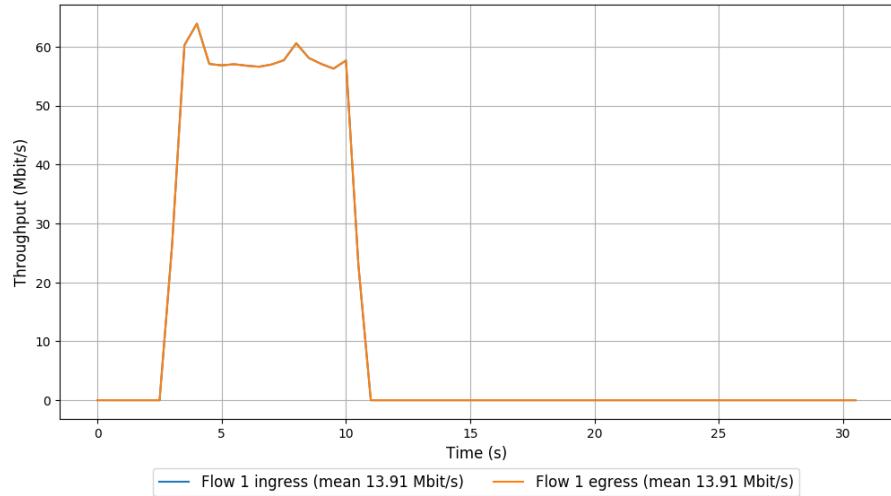


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 20:57:48 +0000
End at: Tue, 13 Jun 2017 20:58:18 +0000
Local clock offset: -0.571 ms
Remote clock offset: 0.704 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.91 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.91 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%
```

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

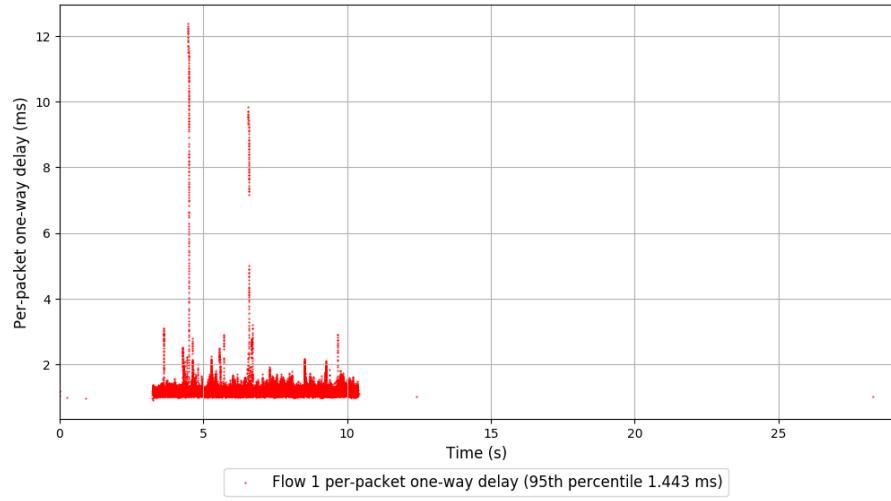
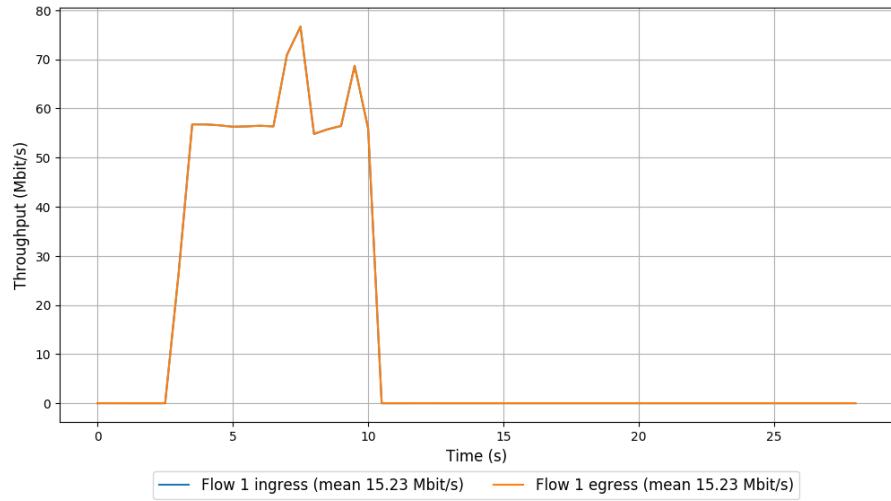


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 21:14:40 +0000
End at: Tue, 13 Jun 2017 21:15:10 +0000
Local clock offset: -0.255 ms
Remote clock offset: 0.798 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:27:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 1.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 1.443 ms
Loss rate: 0.00%
```

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

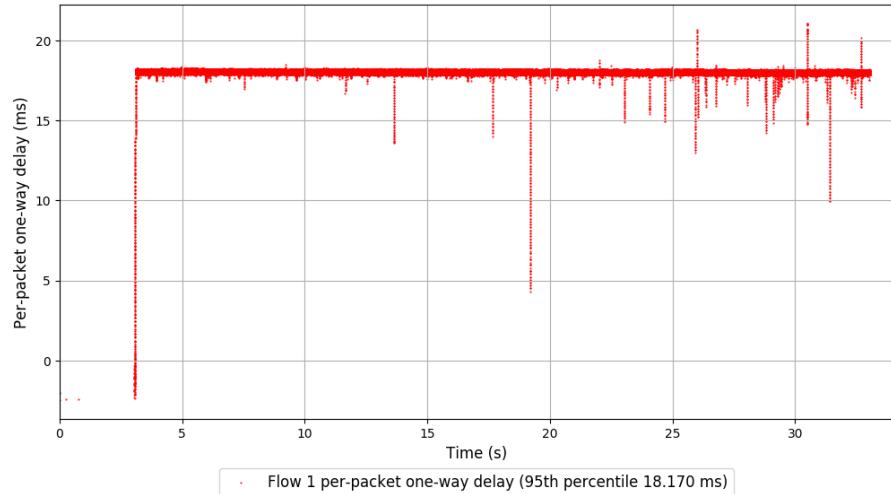
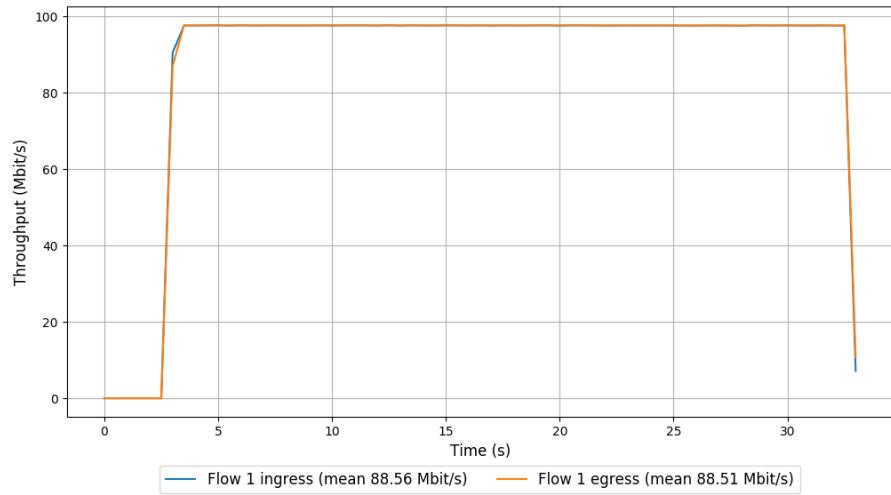


Run 1: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 18:38:16 +0000
End at: Tue, 13 Jun 2017 18:38:46 +0000
Local clock offset: -4.818 ms
Remote clock offset: -0.476 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:28:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 18.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 18.170 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

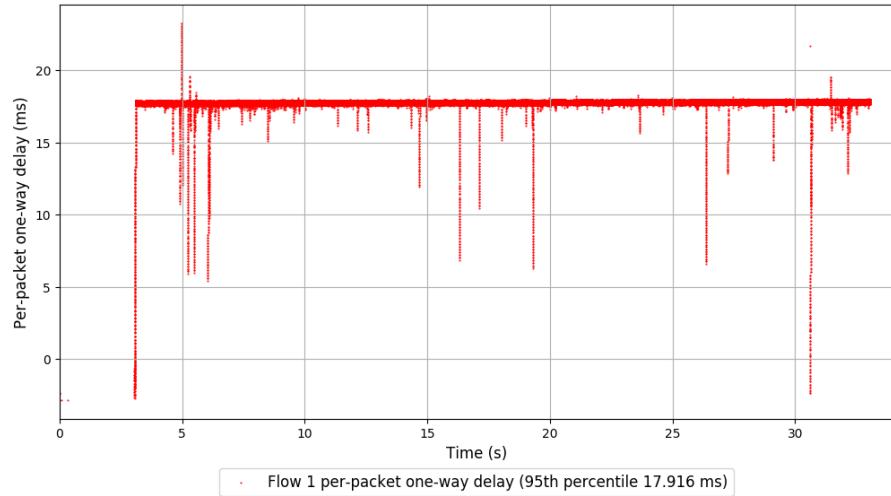
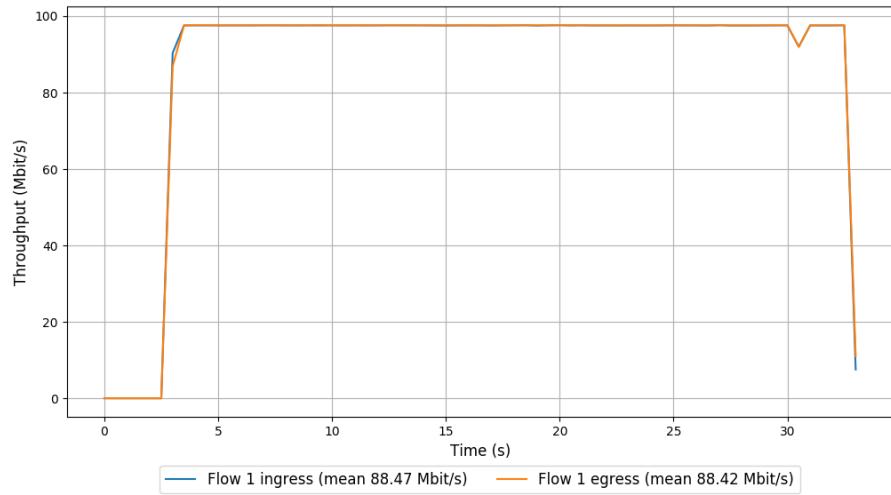


Run 2: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 18:55:17 +0000
End at: Tue, 13 Jun 2017 18:55:47 +0000
Local clock offset: -5.364 ms
Remote clock offset: -0.402 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:28:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.42 Mbit/s
95th percentile per-packet one-way delay: 17.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.42 Mbit/s
95th percentile per-packet one-way delay: 17.916 ms
Loss rate: 0.00%
```

Run 2: Report of Saturator — Data Link

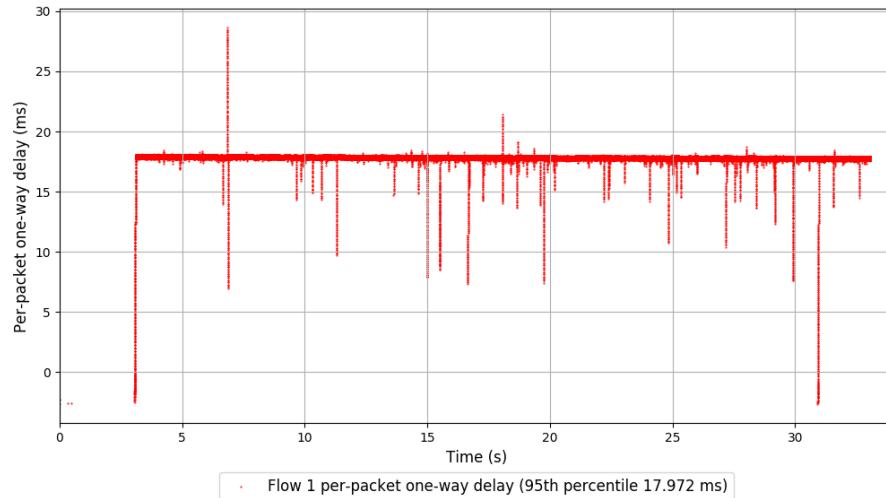
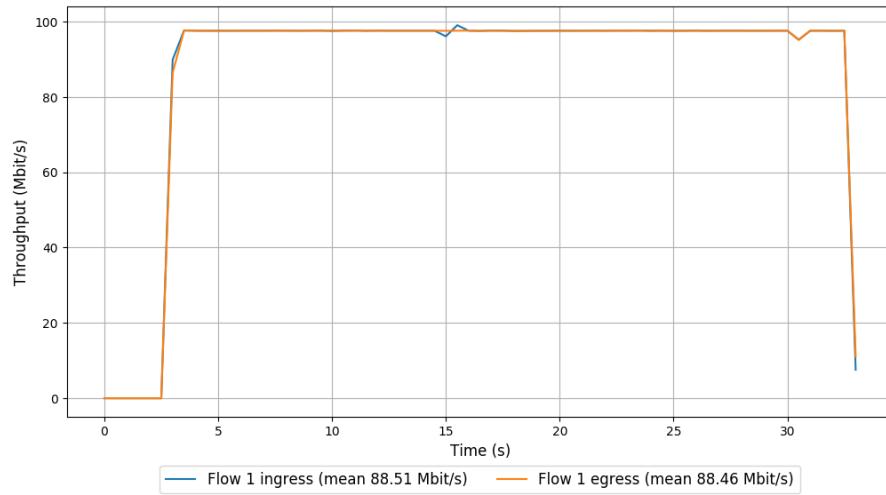


Run 3: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:12:14 +0000
End at: Tue, 13 Jun 2017 19:12:44 +0000
Local clock offset: -4.887 ms
Remote clock offset: -0.239 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:29:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 17.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 17.972 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

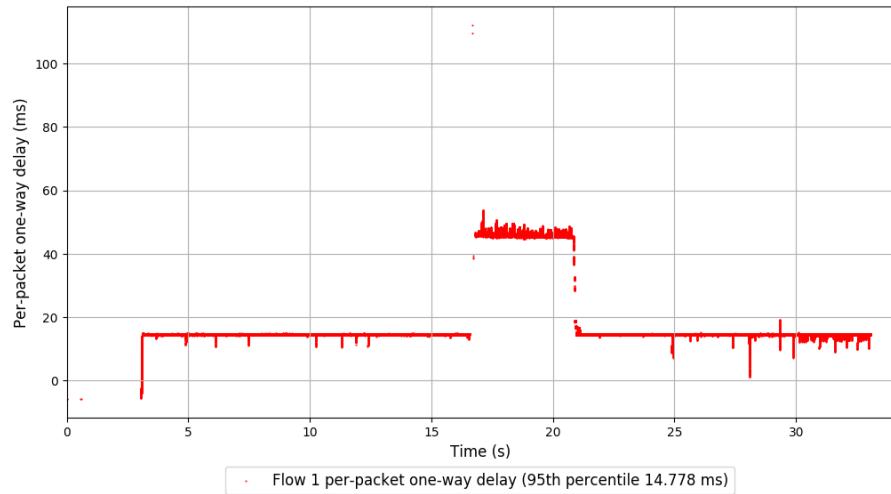
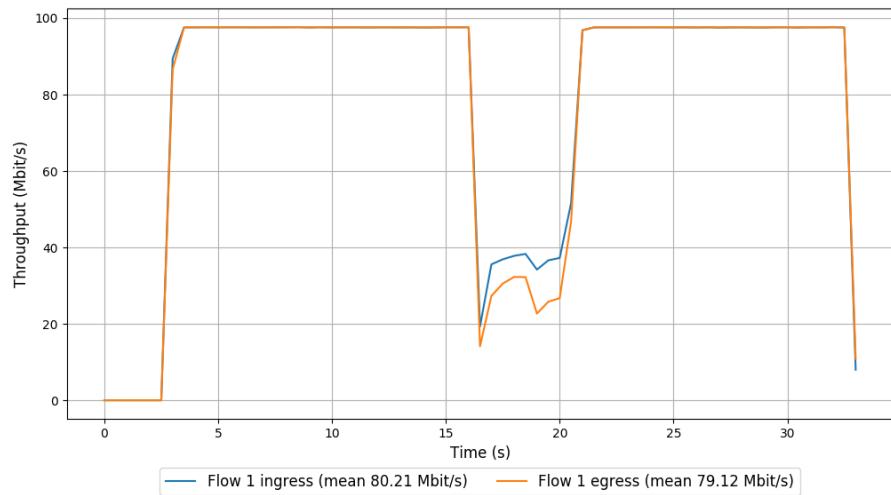


Run 4: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:29:34 +0000
End at: Tue, 13 Jun 2017 19:30:05 +0000
Local clock offset: -7.941 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:29:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.12 Mbit/s
95th percentile per-packet one-way delay: 14.778 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 79.12 Mbit/s
95th percentile per-packet one-way delay: 14.778 ms
Loss rate: 1.30%
```

Run 4: Report of Saturator — Data Link

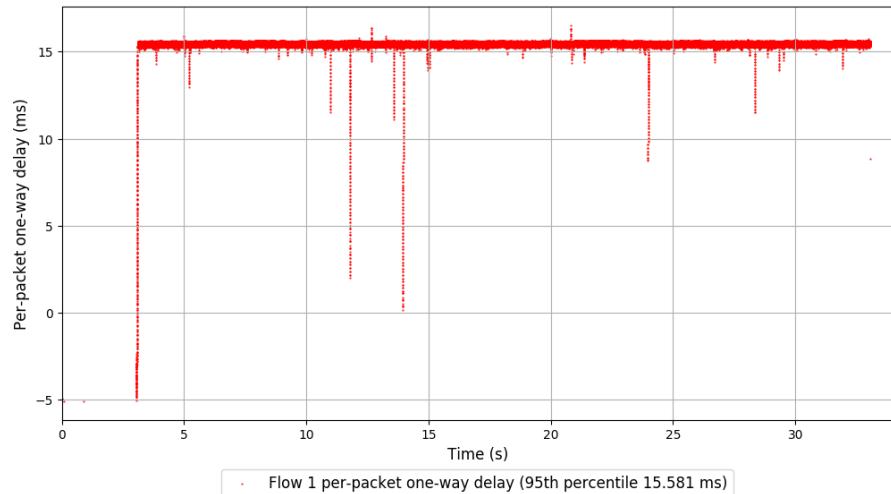
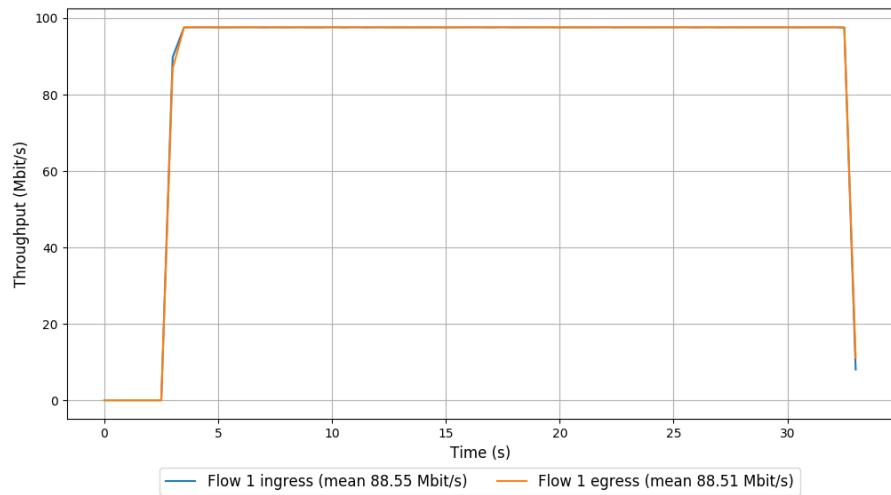


Run 5: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 19:46:29 +0000
End at: Tue, 13 Jun 2017 19:46:59 +0000
Local clock offset: -6.921 ms
Remote clock offset: 0.239 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 15.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 15.581 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

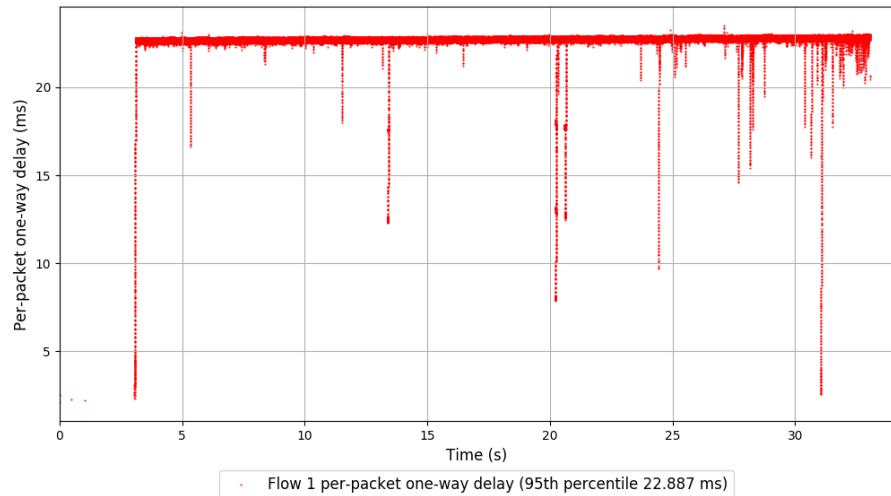
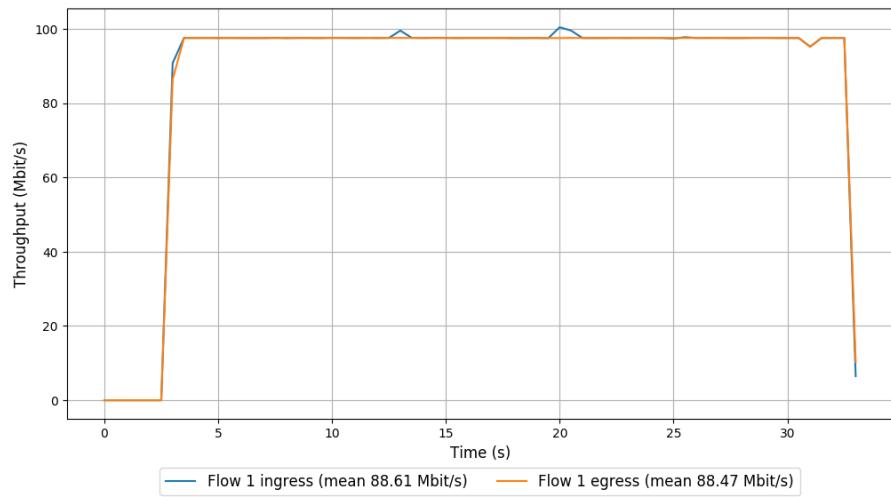


Run 6: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:03:32 +0000
End at: Tue, 13 Jun 2017 20:04:02 +0000
Local clock offset: 0.323 ms
Remote clock offset: 0.446 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:30:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 22.887 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 22.887 ms
Loss rate: 0.13%
```

Run 6: Report of Saturator — Data Link

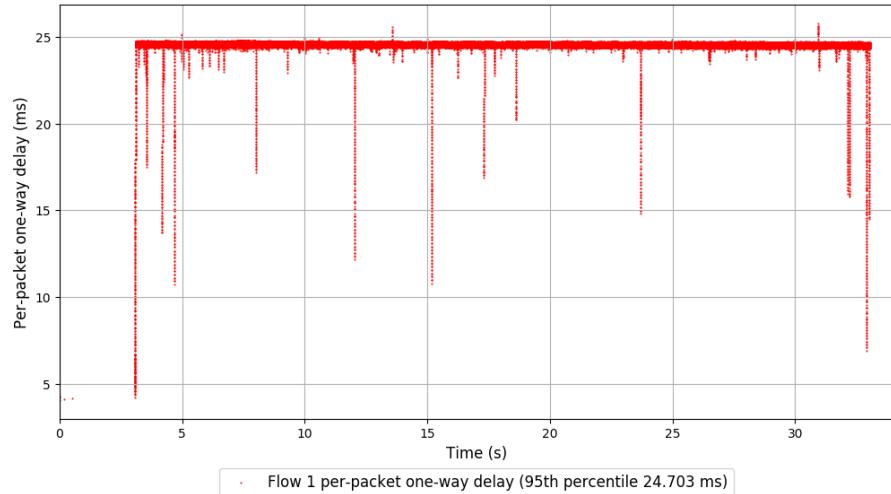
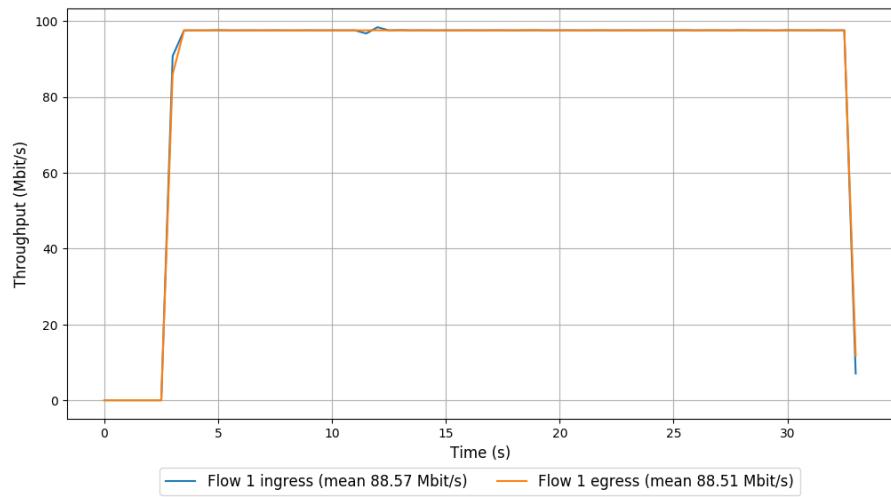


Run 7: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:20:30 +0000
End at: Tue, 13 Jun 2017 20:21:00 +0000
Local clock offset: 2.648 ms
Remote clock offset: 0.528 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:30:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 24.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 24.703 ms
Loss rate: 0.00%
```

Run 7: Report of Saturator — Data Link

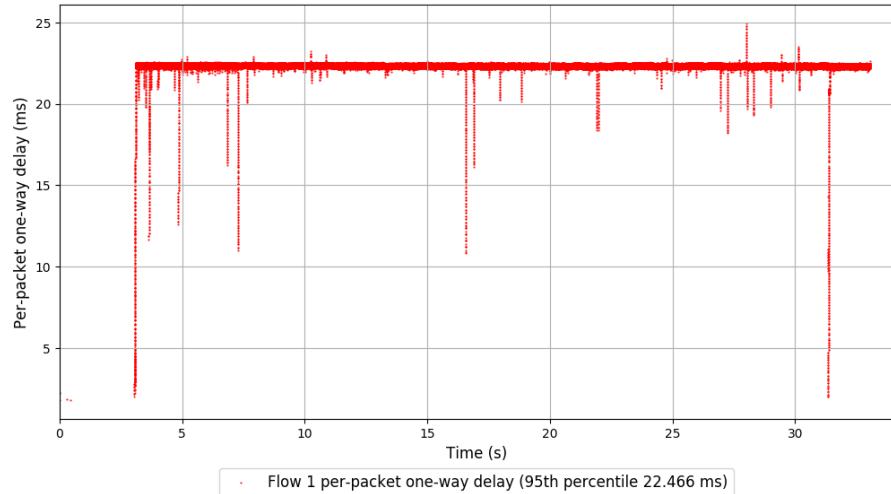
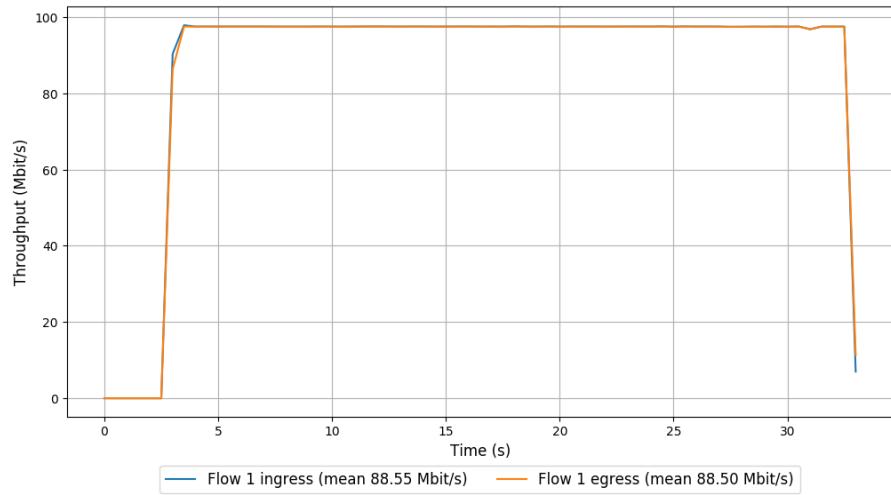


Run 8: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:37:26 +0000
End at: Tue, 13 Jun 2017 20:37:56 +0000
Local clock offset: 0.488 ms
Remote clock offset: 0.723 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:30:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 22.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 22.466 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

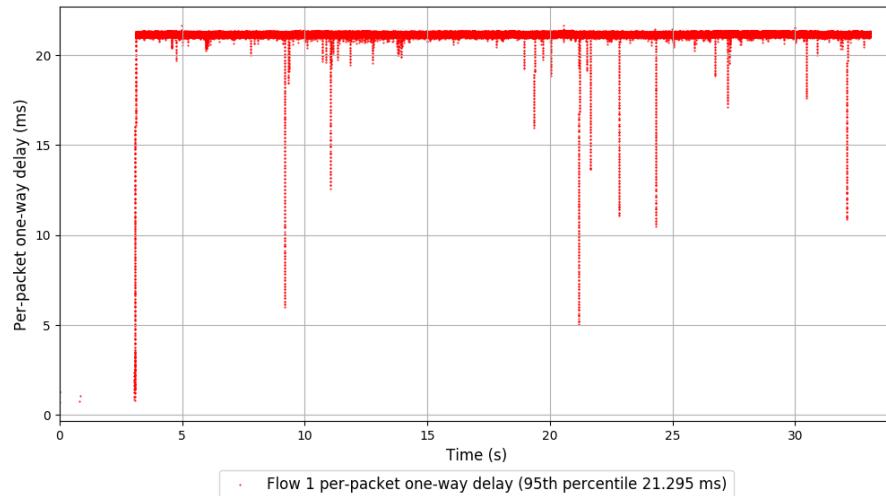
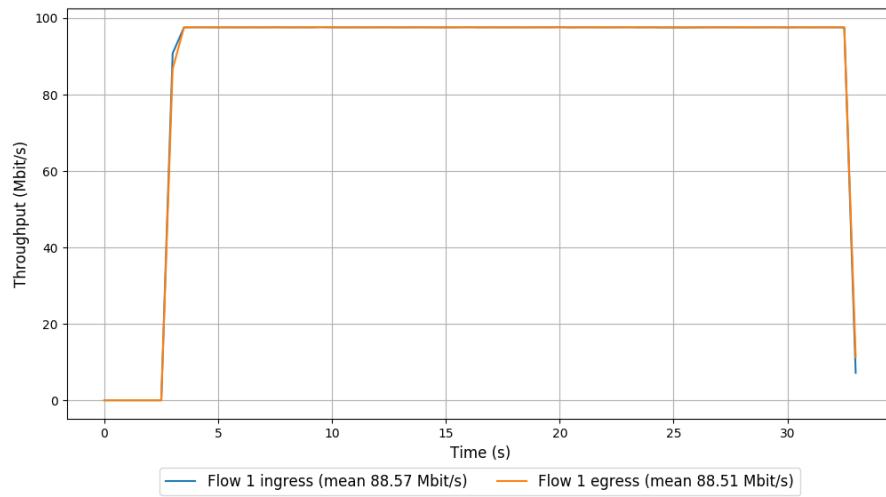


Run 9: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 20:54:19 +0000
End at: Tue, 13 Jun 2017 20:54:49 +0000
Local clock offset: -0.6 ms
Remote clock offset: 0.741 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link

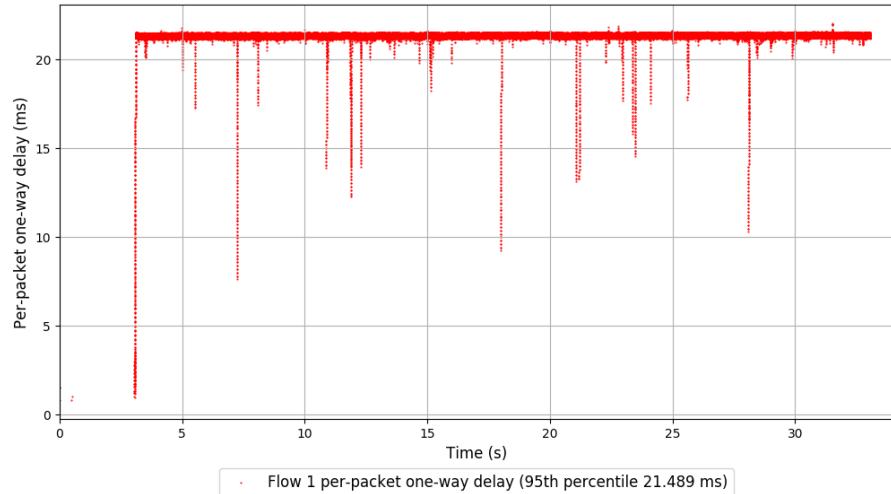
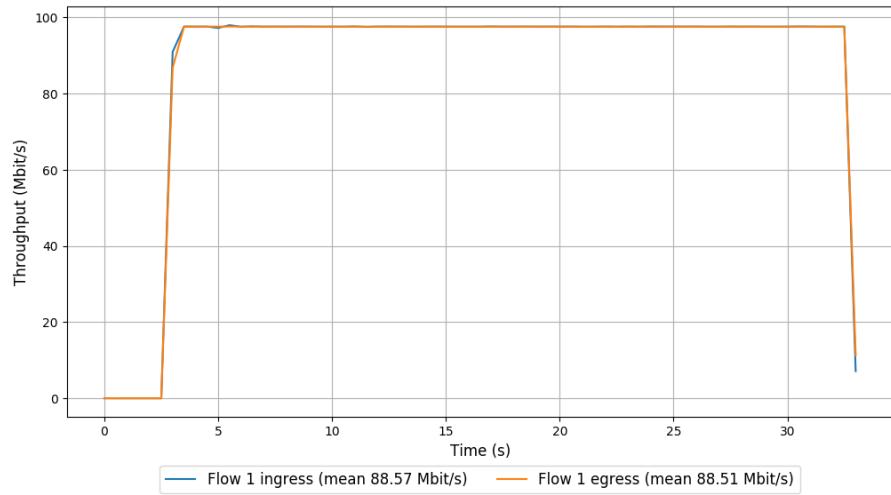


Run 10: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 21:11:15 +0000
End at: Tue, 13 Jun 2017 21:11:45 +0000
Local clock offset: -0.453 ms
Remote clock offset: 0.775 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 21.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 21.489 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

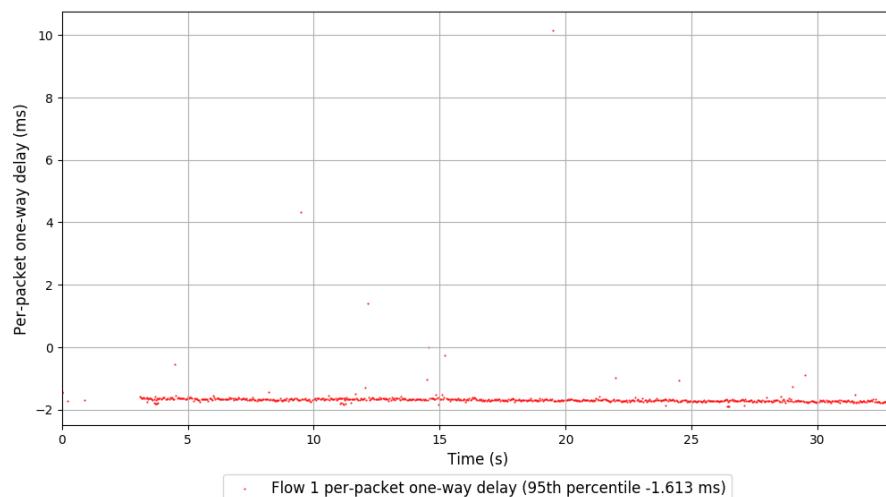
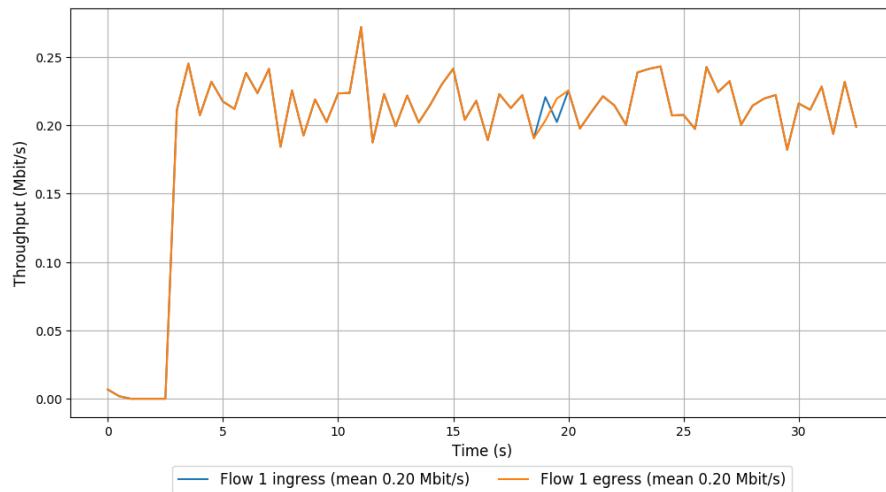


Run 1: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 18:33:52 +0000
End at: Tue, 13 Jun 2017 18:34:22 +0000
Local clock offset: -4.186 ms
Remote clock offset: -0.365 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -1.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -1.613 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

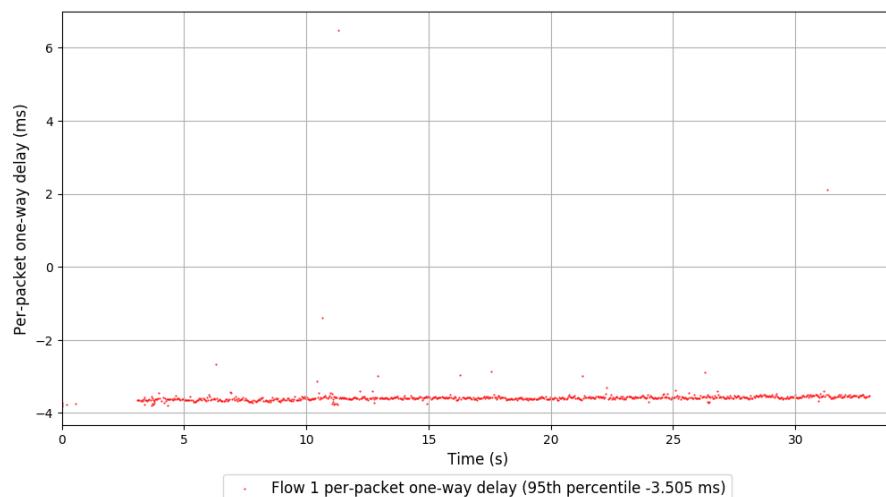
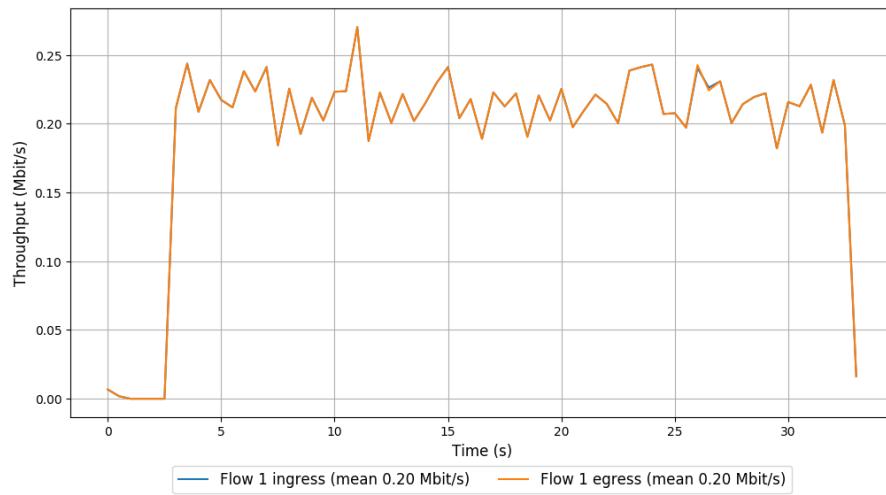


Run 2: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 18:50:54 +0000
End at: Tue, 13 Jun 2017 18:51:24 +0000
Local clock offset: -6.294 ms
Remote clock offset: -0.419 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.505 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

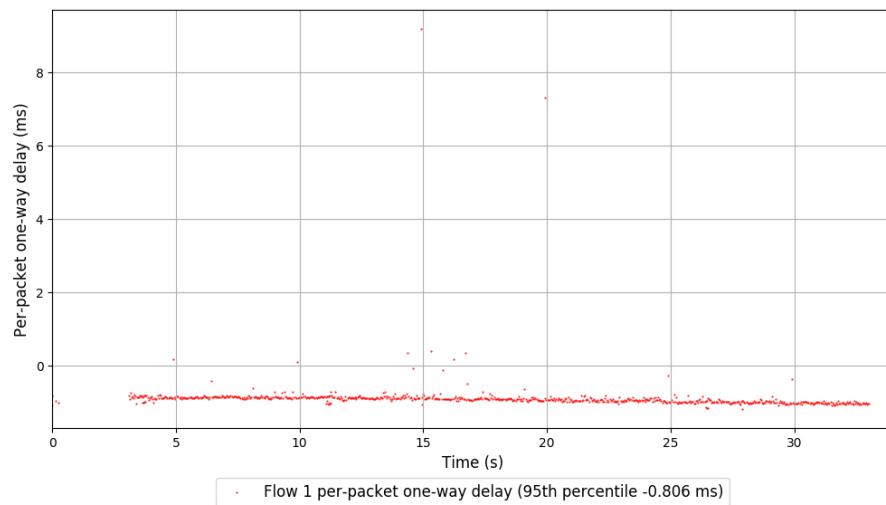
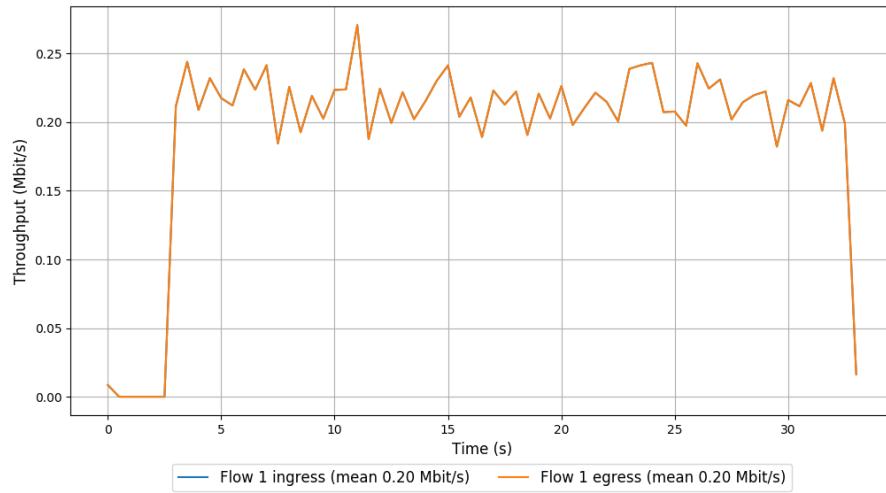


Run 3: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:07:50 +0000
End at: Tue, 13 Jun 2017 19:08:20 +0000
Local clock offset: -3.362 ms
Remote clock offset: -0.349 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.806 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.806 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

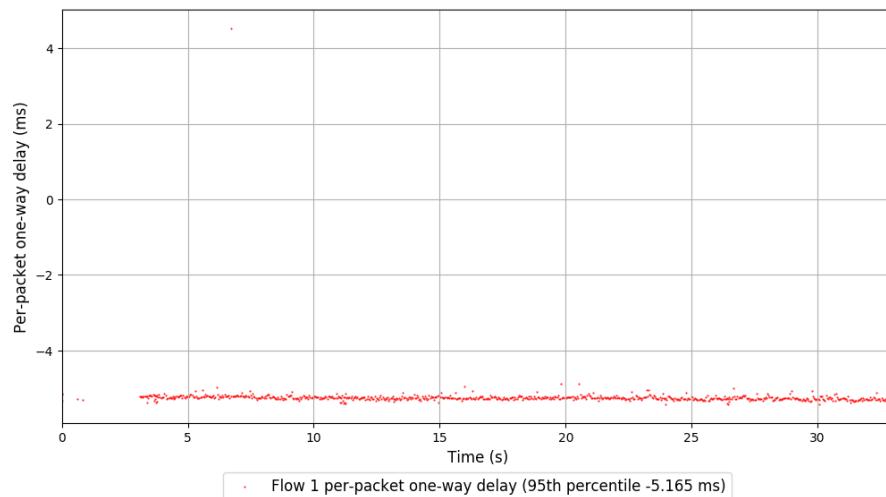
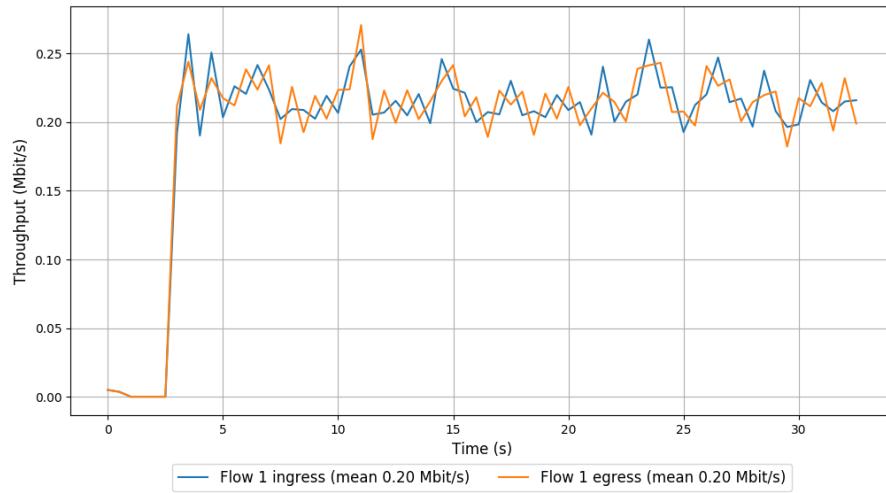


Run 4: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:25:11 +0000
End at: Tue, 13 Jun 2017 19:25:41 +0000
Local clock offset: -7.453 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.165 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

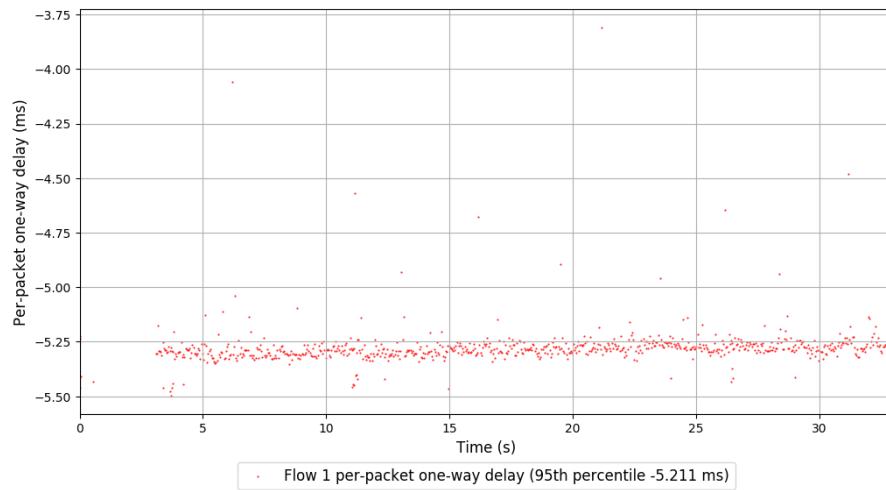
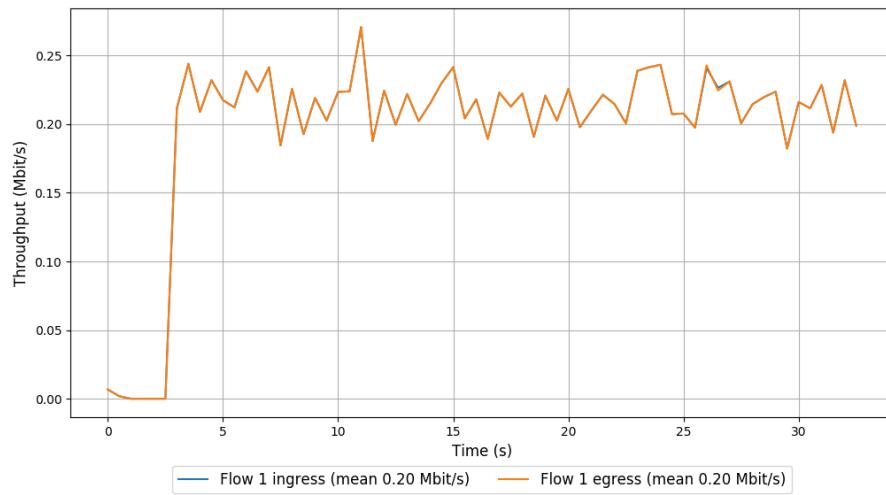


Run 5: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:42:06 +0000
End at: Tue, 13 Jun 2017 19:42:36 +0000
Local clock offset: -7.375 ms
Remote clock offset: 0.199 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.211 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

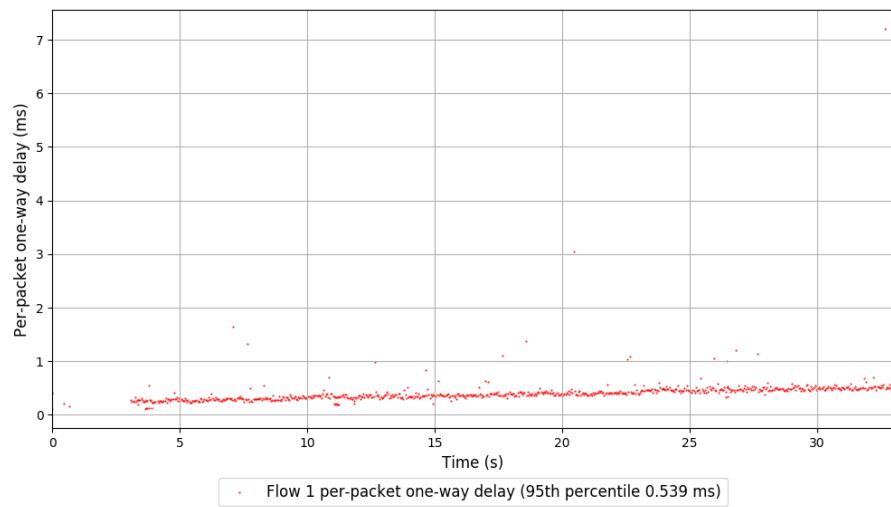
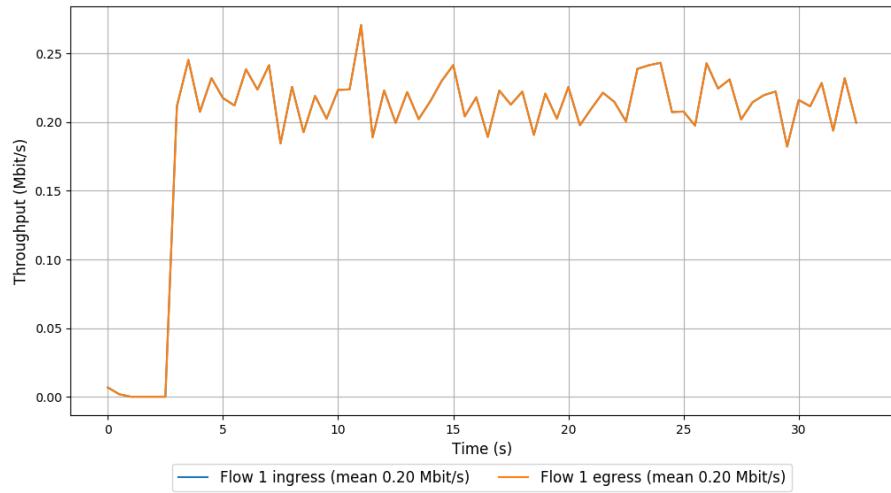


Run 6: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 19:59:09 +0000
End at: Tue, 13 Jun 2017 19:59:39 +0000
Local clock offset: -1.899 ms
Remote clock offset: 0.335 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.539 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

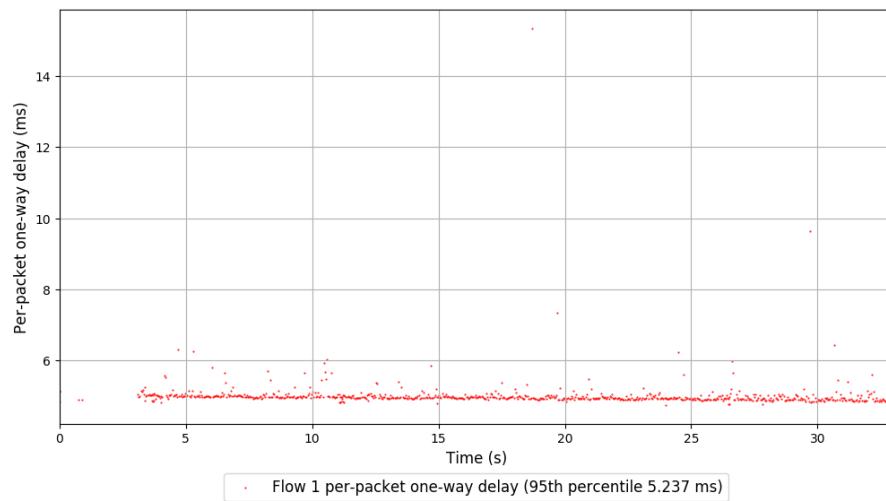
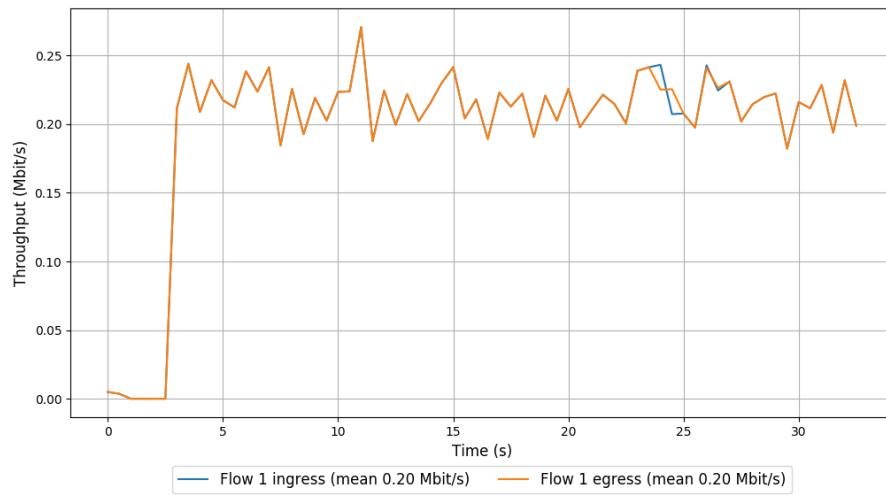


Run 7: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:16:07 +0000
End at: Tue, 13 Jun 2017 20:16:37 +0000
Local clock offset: 3.405 ms
Remote clock offset: 0.592 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:31:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.237 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

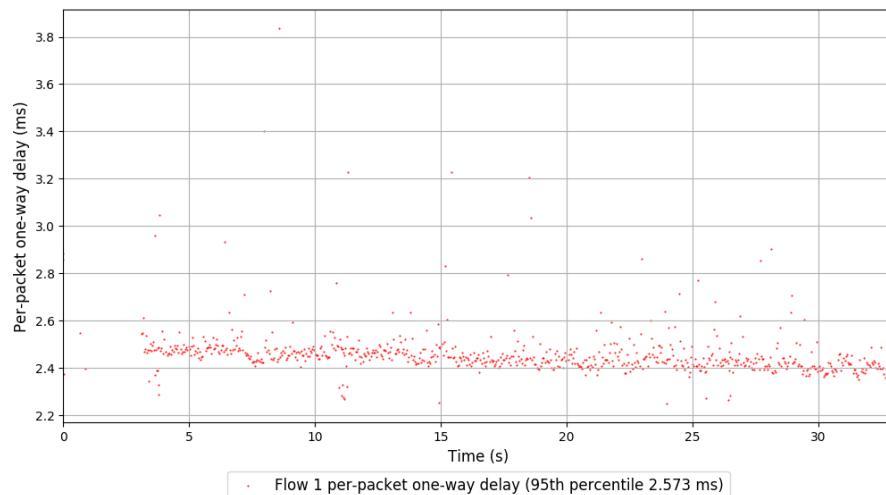
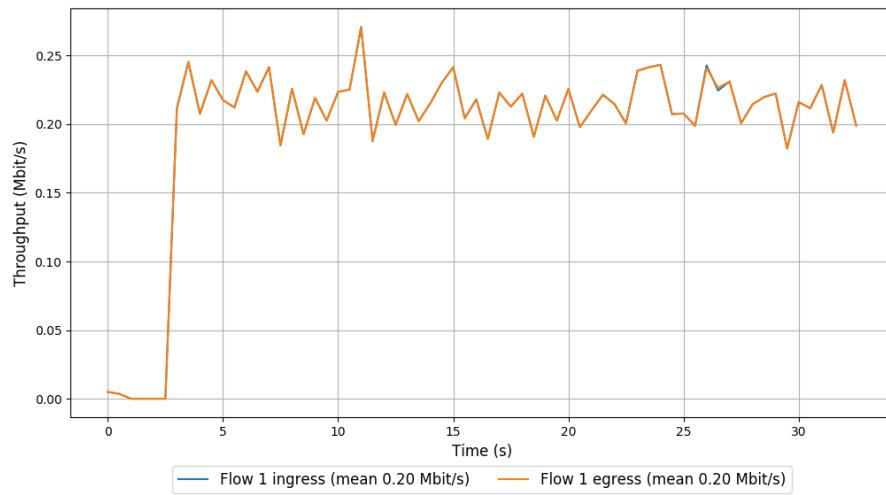


Run 8: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:33:03 +0000
End at: Tue, 13 Jun 2017 20:33:33 +0000
Local clock offset: 1.077 ms
Remote clock offset: 0.673 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:32:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.573 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

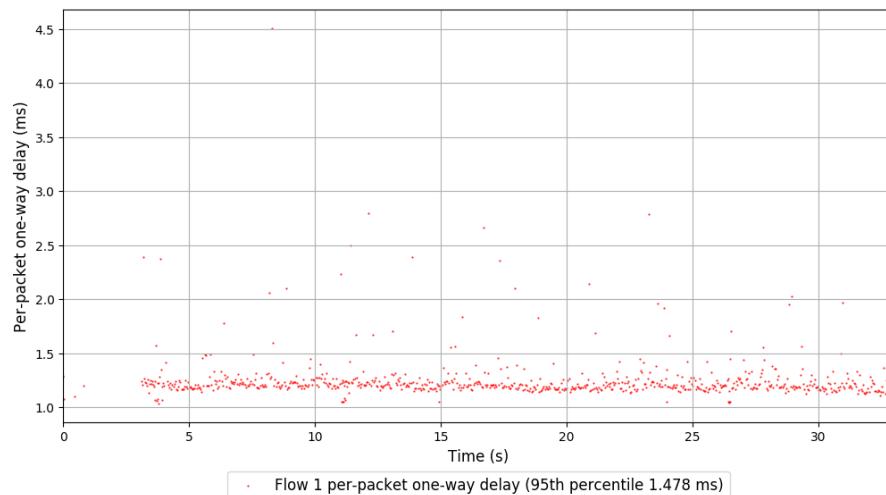
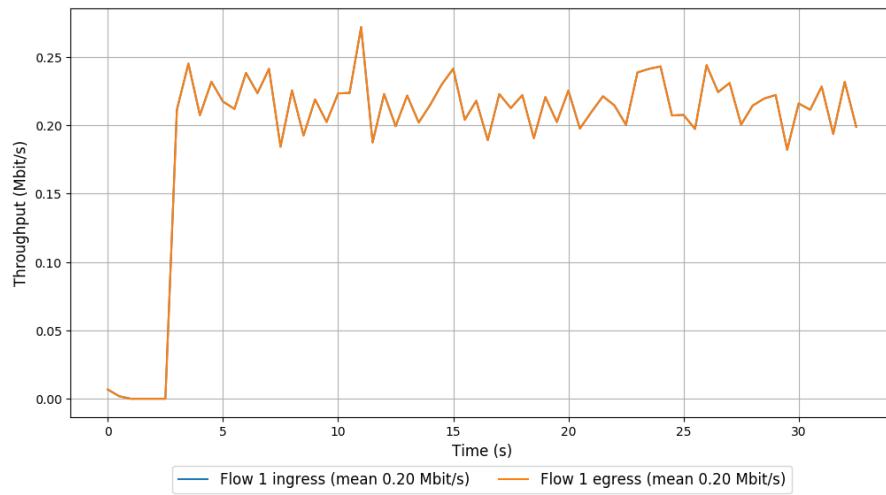


Run 9: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 20:49:56 +0000
End at: Tue, 13 Jun 2017 20:50:26 +0000
Local clock offset: -0.162 ms
Remote clock offset: 0.709 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:32:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.478 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.478 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

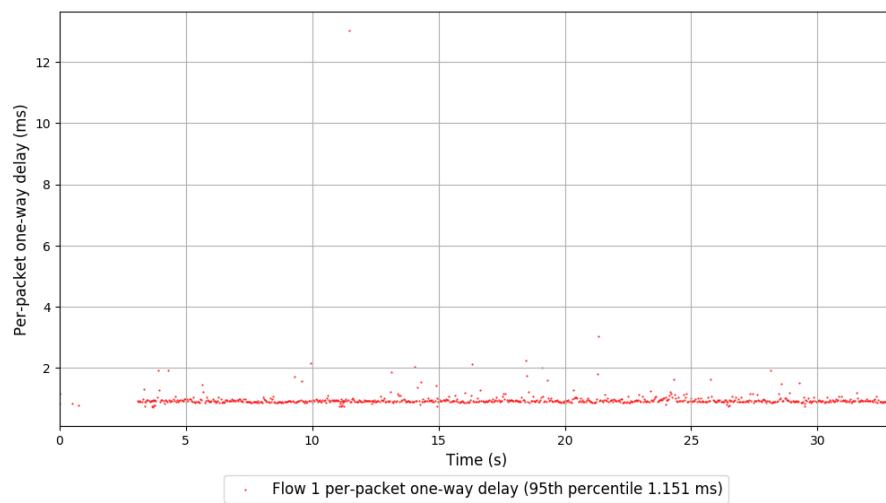
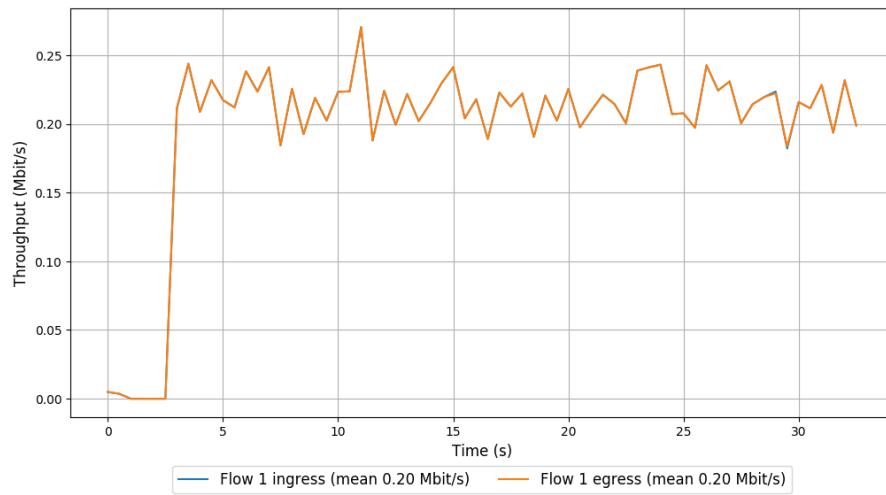


Run 10: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 21:06:52 +0000
End at: Tue, 13 Jun 2017 21:07:22 +0000
Local clock offset: -0.541 ms
Remote clock offset: 0.695 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:32:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

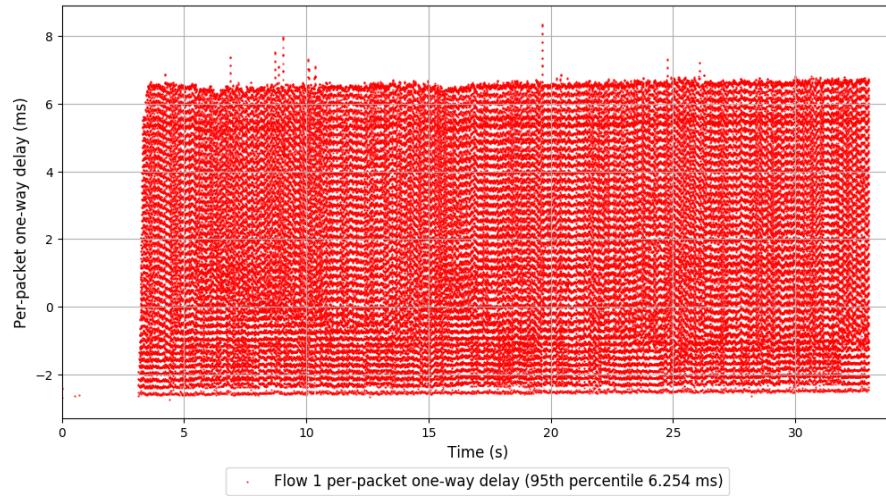
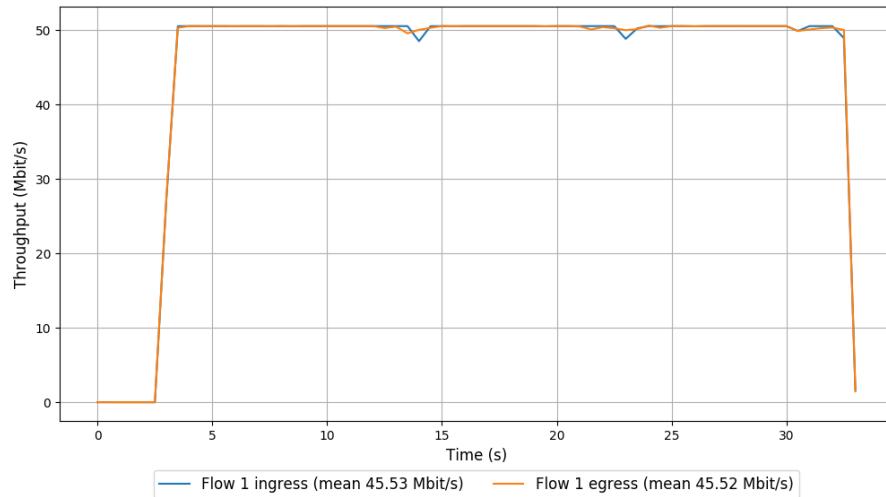


Run 1: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 18:28:58 +0000
End at: Tue, 13 Jun 2017 18:29:28 +0000
Local clock offset: -5.1 ms
Remote clock offset: -0.368 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 6.254 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 6.254 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

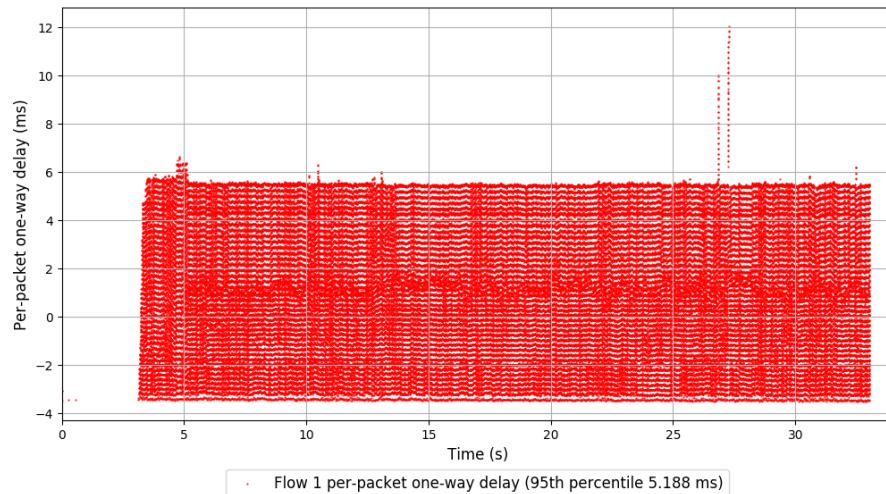
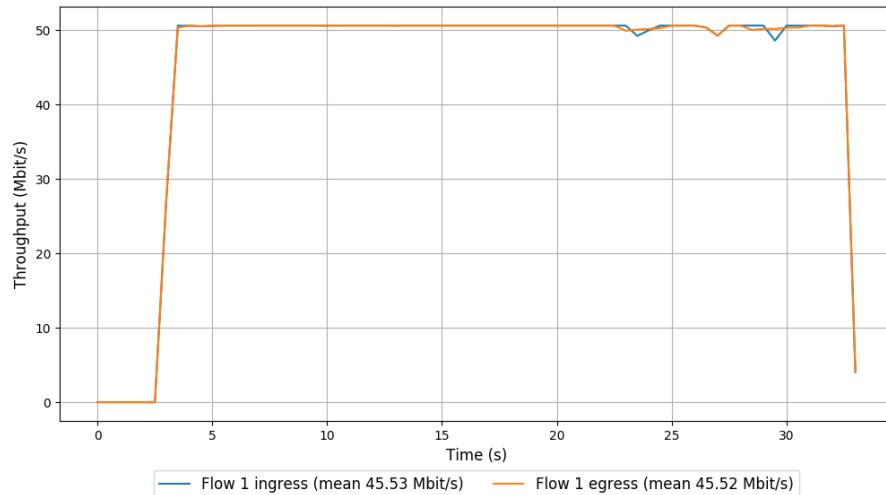


Run 2: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 18:46:16 +0000
End at: Tue, 13 Jun 2017 18:46:46 +0000
Local clock offset: -5.895 ms
Remote clock offset: -0.378 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:32:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

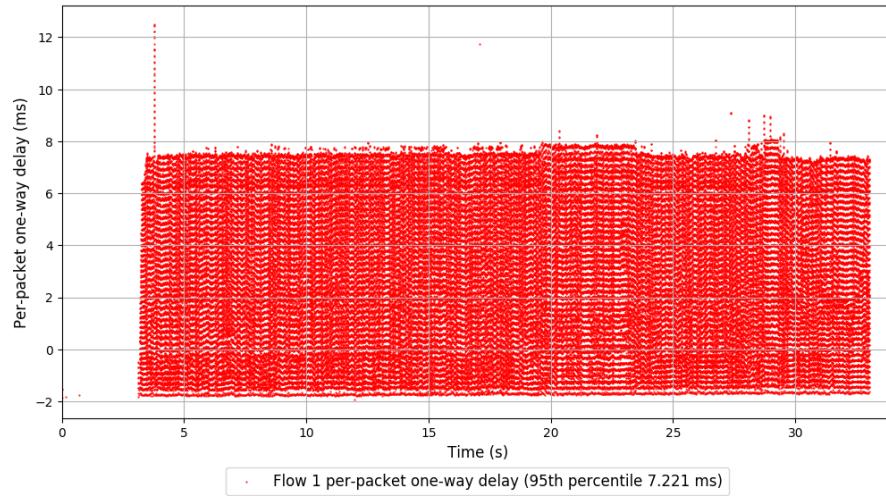
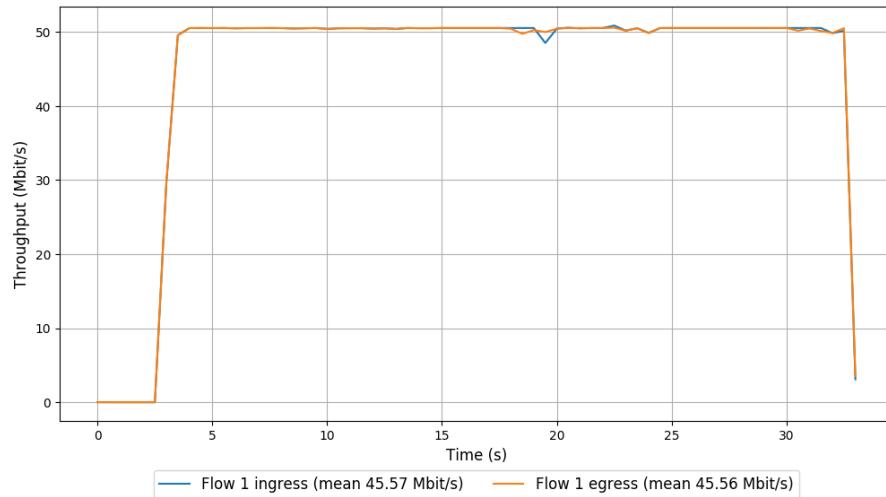


Run 3: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:03:13 +0000
End at: Tue, 13 Jun 2017 19:03:43 +0000
Local clock offset: -4.218 ms
Remote clock offset: -0.322 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:33:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.56 Mbit/s
95th percentile per-packet one-way delay: 7.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.56 Mbit/s
95th percentile per-packet one-way delay: 7.221 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

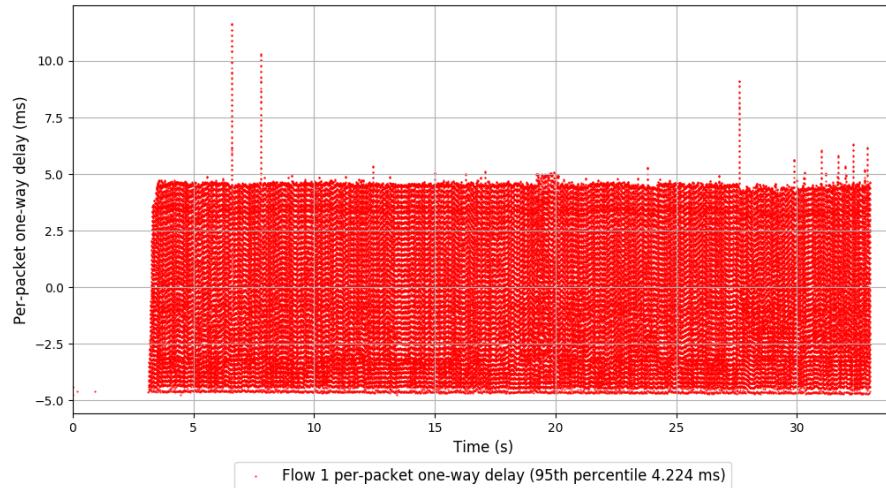
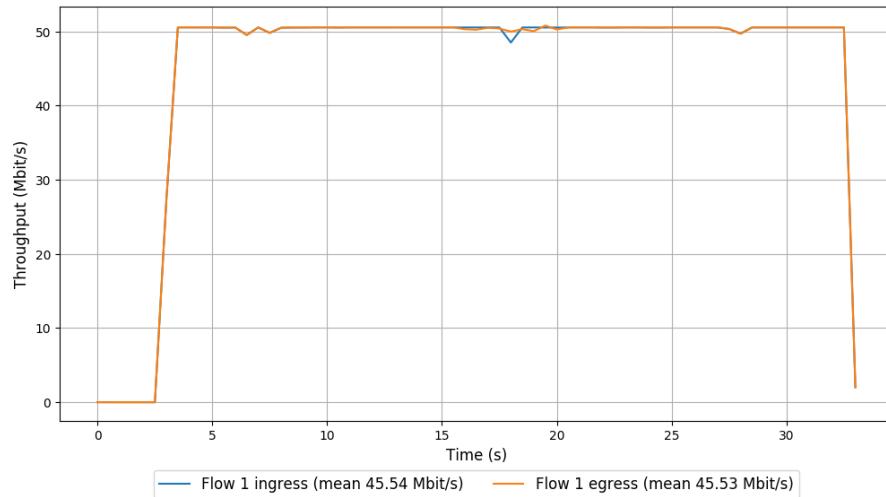


Run 4: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:20:35 +0000
End at: Tue, 13 Jun 2017 19:21:05 +0000
Local clock offset: -6.743 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:33:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 4.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 4.224 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

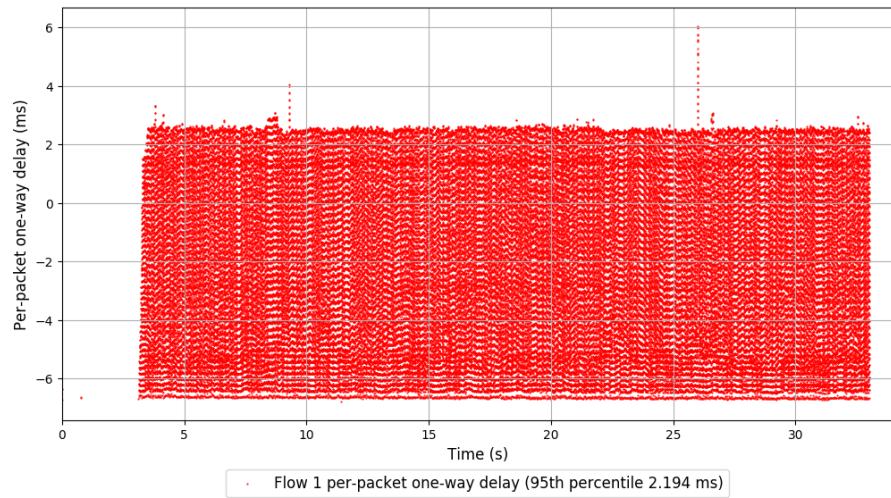
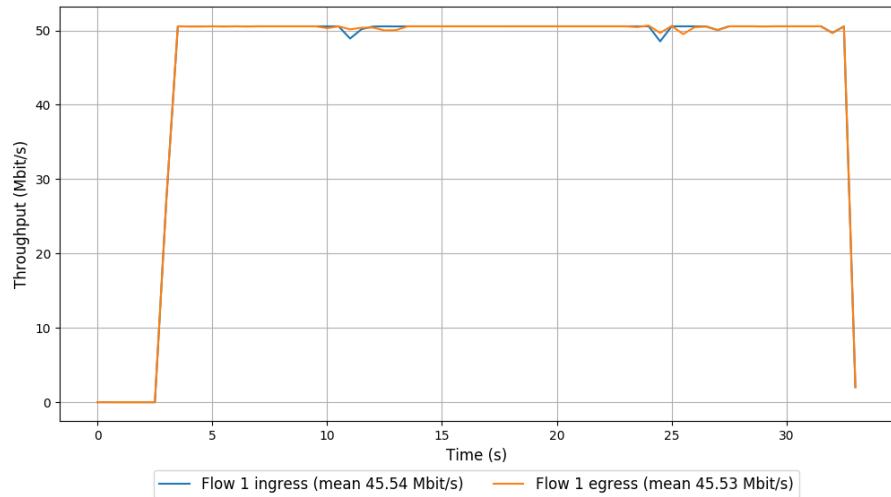


Run 5: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:37:28 +0000
End at: Tue, 13 Jun 2017 19:37:58 +0000
Local clock offset: -8.577 ms
Remote clock offset: 0.103 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:33:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

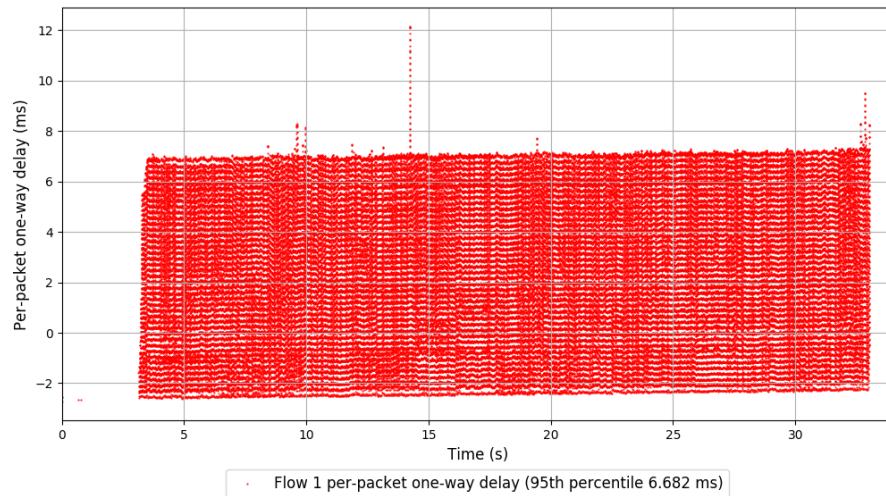
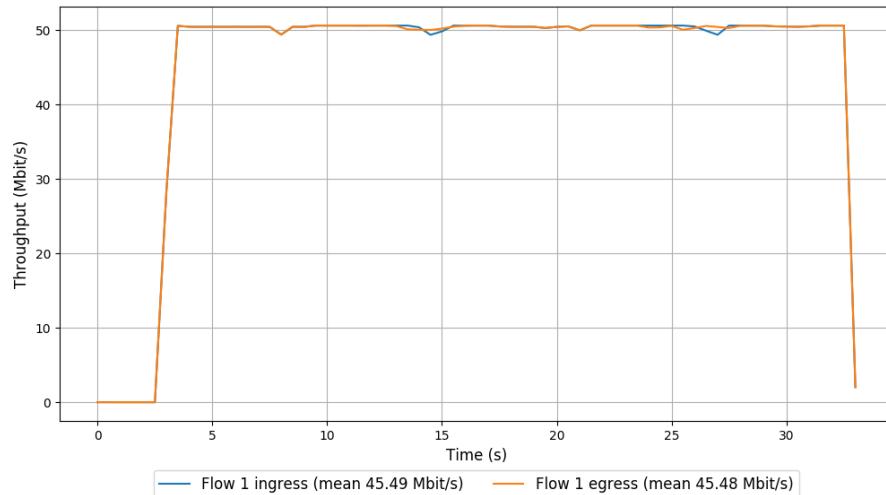


Run 6: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 19:54:31 +0000
End at: Tue, 13 Jun 2017 19:55:01 +0000
Local clock offset: -4.613 ms
Remote clock offset: 0.342 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:33:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 6.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 6.682 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

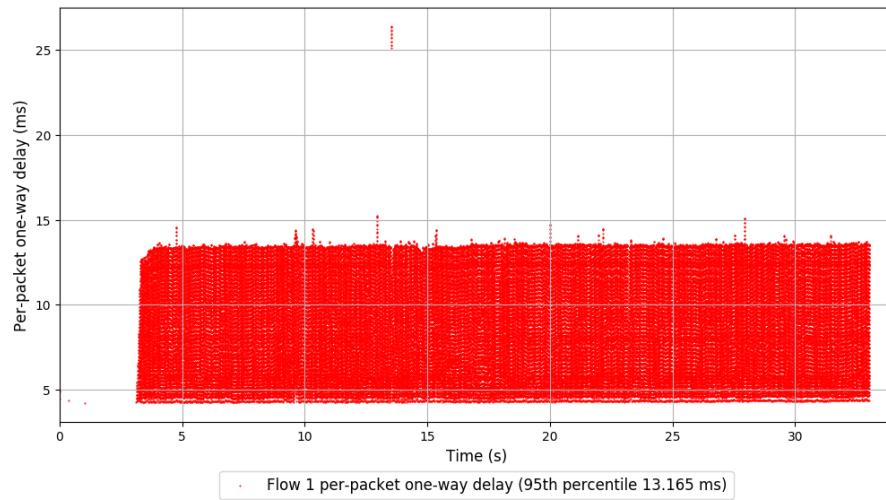
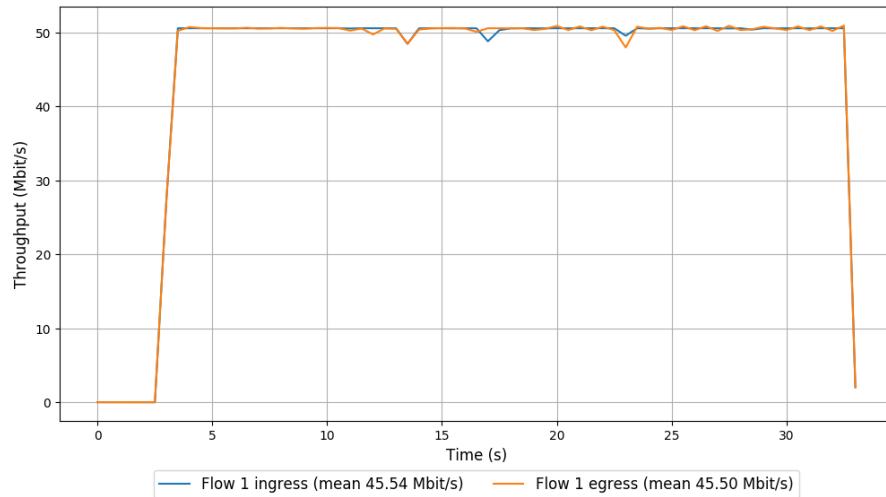


Run 7: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:11:29 +0000
End at: Tue, 13 Jun 2017 20:11:59 +0000
Local clock offset: 2.626 ms
Remote clock offset: 0.547 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:34:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 13.165 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 13.165 ms
Loss rate: 0.05%
```

Run 7: Report of Sprout — Data Link

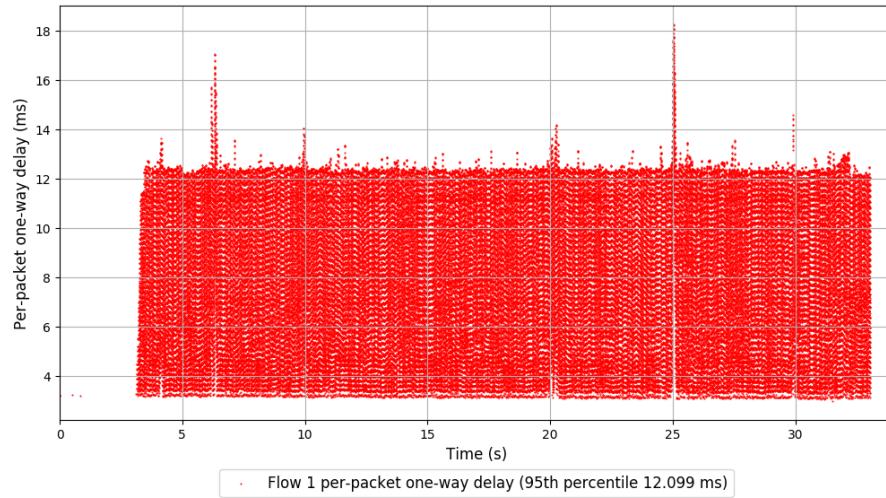
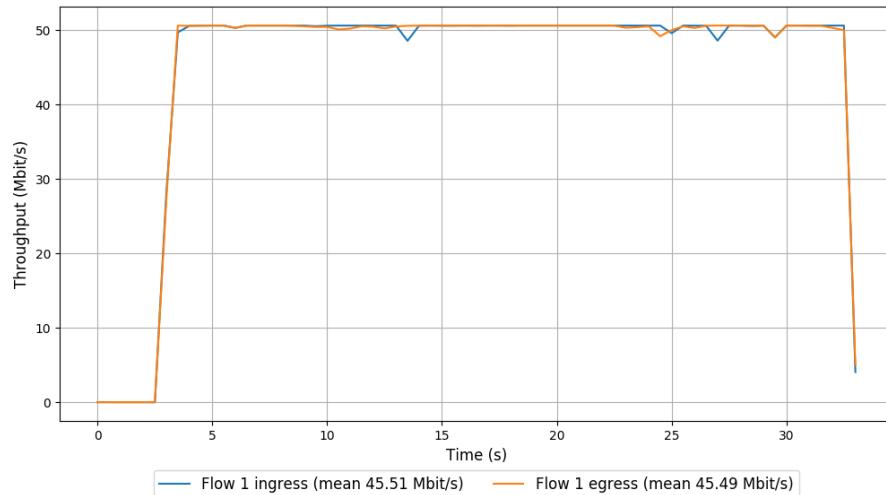


Run 8: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:28:26 +0000
End at: Tue, 13 Jun 2017 20:28:56 +0000
Local clock offset: 1.887 ms
Remote clock offset: 0.659 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:34:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

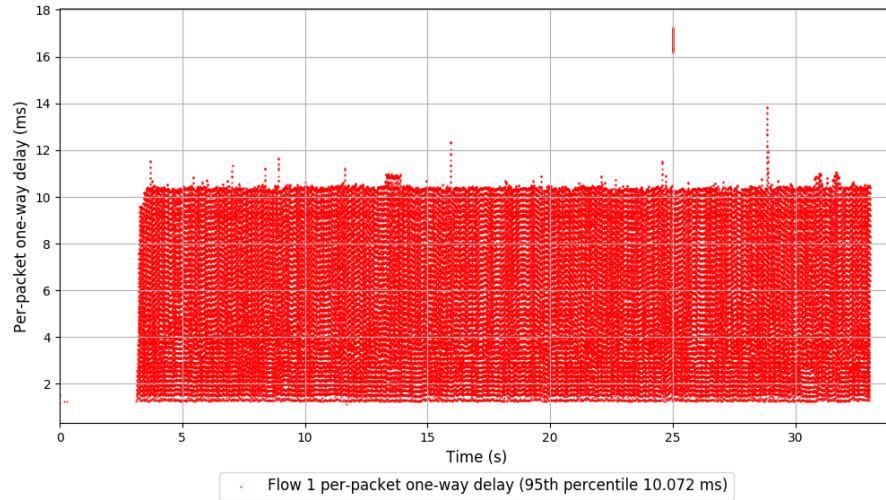
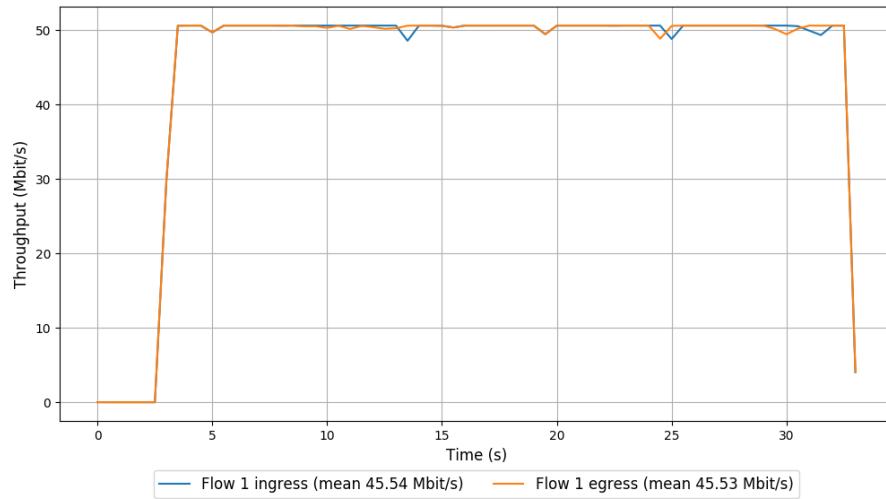


Run 9: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 20:45:23 +0000
End at: Tue, 13 Jun 2017 20:45:53 +0000
Local clock offset: -0.061 ms
Remote clock offset: 0.764 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:34:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 10.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 10.072 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

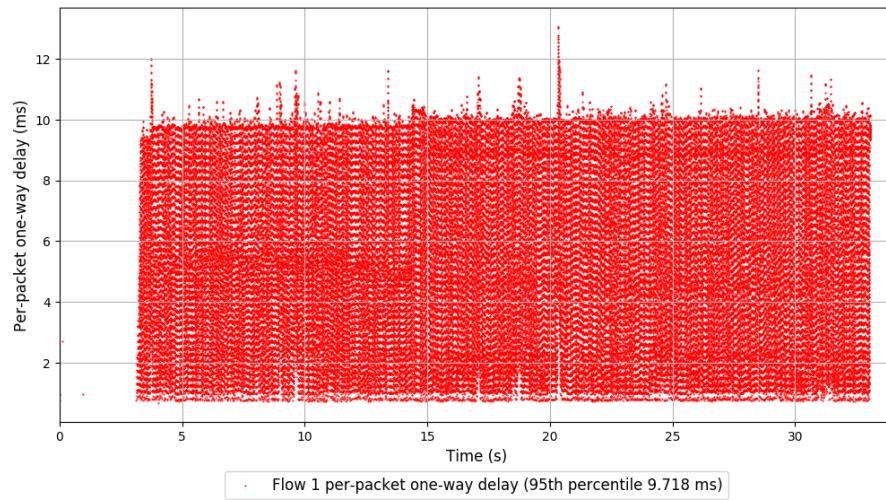
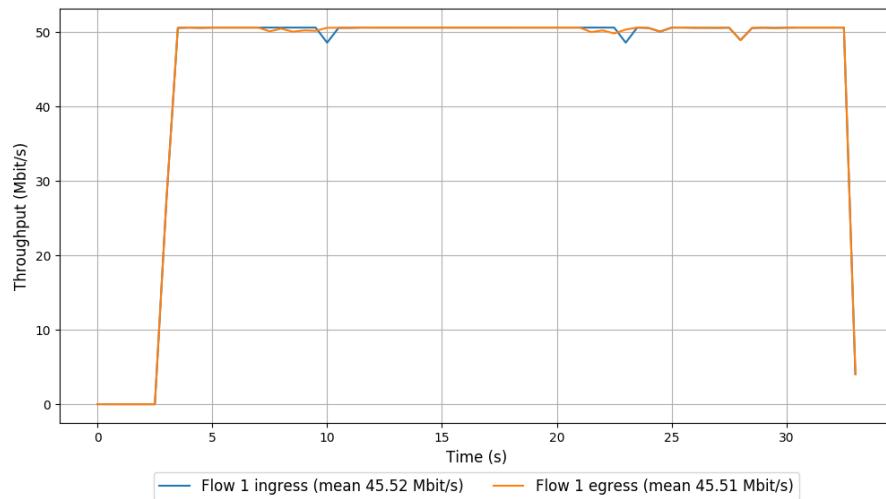


Run 10: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 21:02:15 +0000
End at: Tue, 13 Jun 2017 21:02:45 +0000
Local clock offset: -0.529 ms
Remote clock offset: 0.764 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:34:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.51 Mbit/s
95th percentile per-packet one-way delay: 9.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.51 Mbit/s
95th percentile per-packet one-way delay: 9.718 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

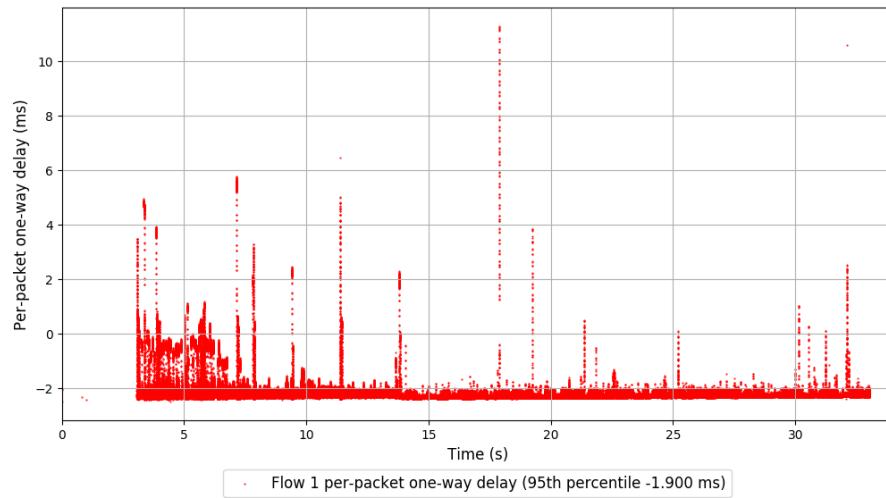
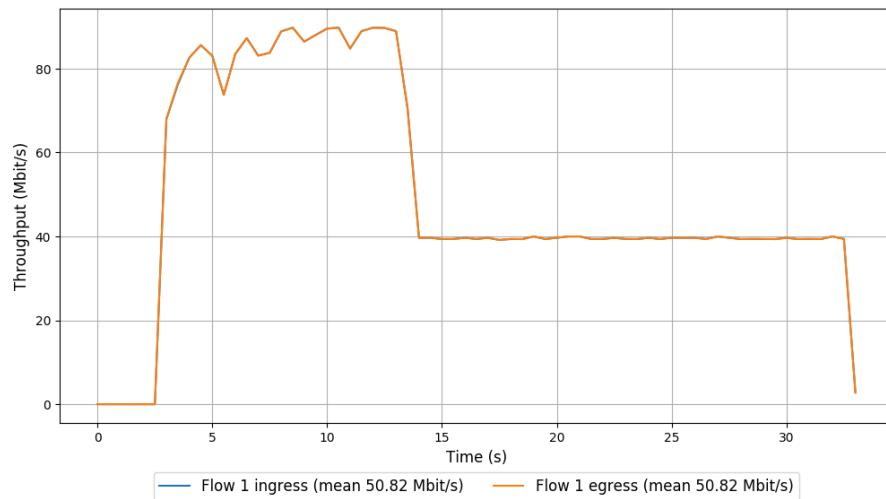


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 18:30:03 +0000
End at: Tue, 13 Jun 2017 18:30:33 +0000
Local clock offset: -4.891 ms
Remote clock offset: -0.33 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:35:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: -1.900 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: -1.900 ms
Loss rate: 0.00%
```

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

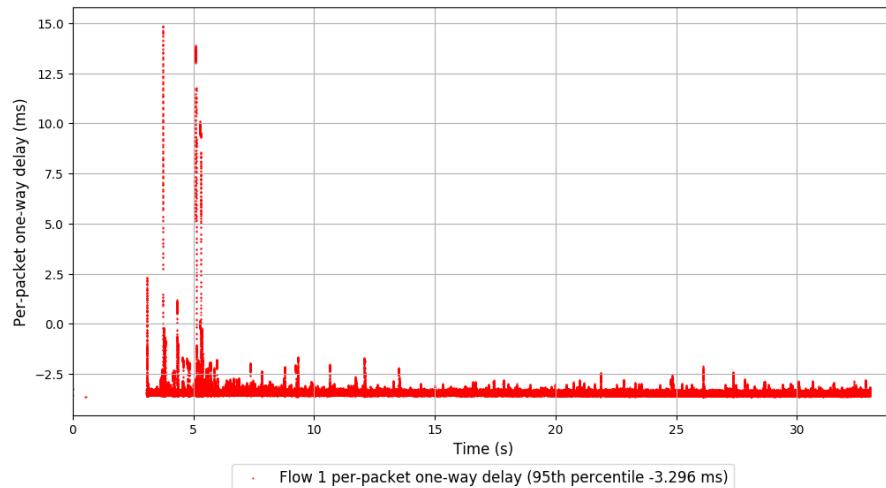
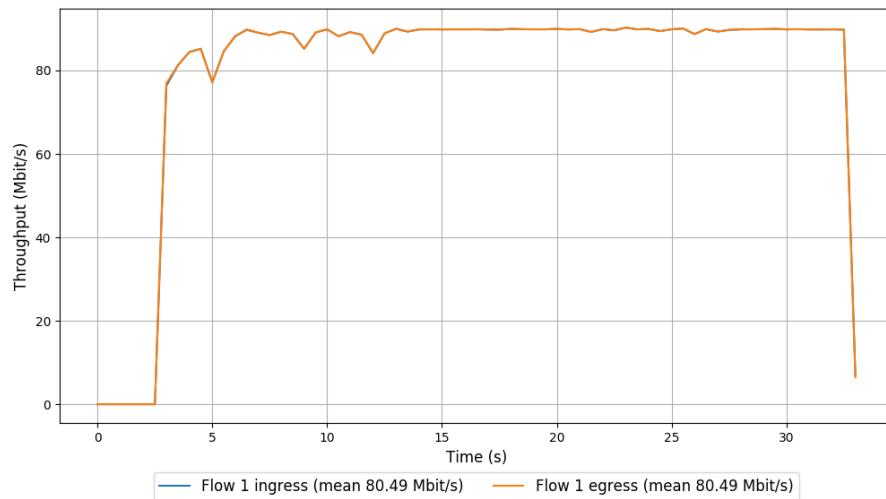


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 18:47:22 +0000
End at: Tue, 13 Jun 2017 18:47:52 +0000
Local clock offset: -6.034 ms
Remote clock offset: -0.442 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:35:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.49 Mbit/s
95th percentile per-packet one-way delay: -3.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.49 Mbit/s
95th percentile per-packet one-way delay: -3.296 ms
Loss rate: 0.00%
```

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

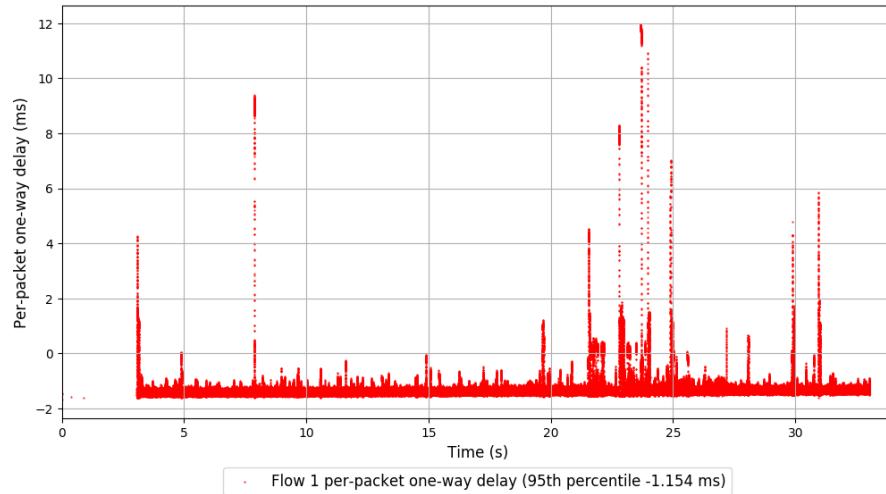
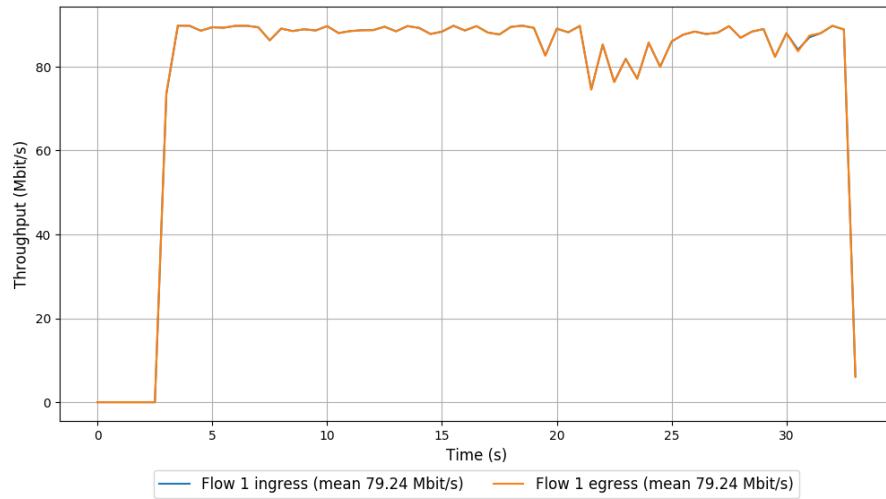


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:04:18 +0000
End at: Tue, 13 Jun 2017 19:04:48 +0000
Local clock offset: -4.033 ms
Remote clock offset: -0.326 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:36:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: -1.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: -1.154 ms
Loss rate: 0.00%
```

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

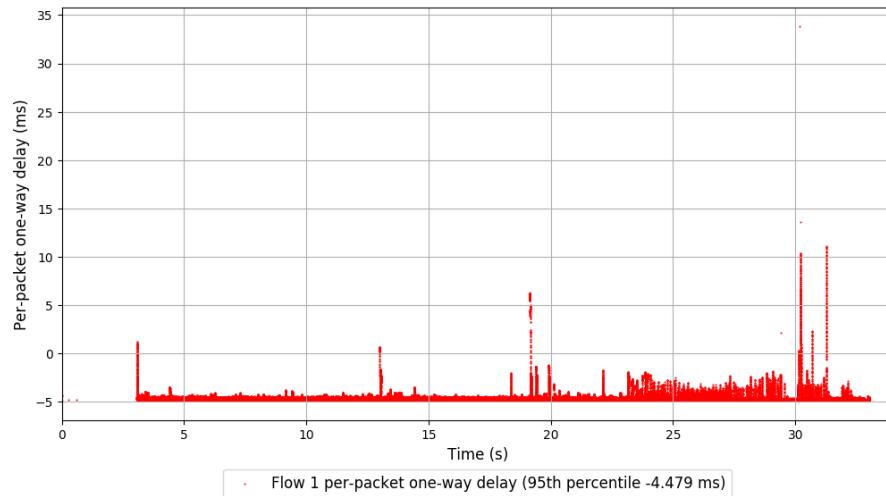
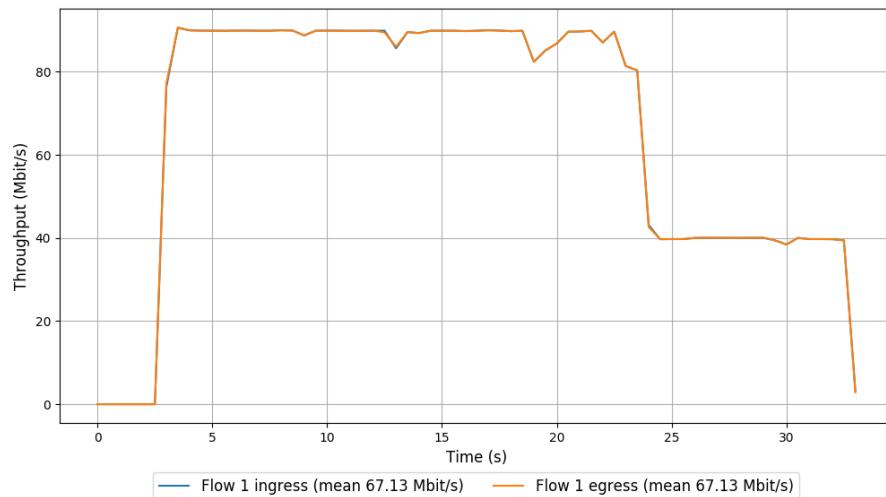


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:21:40 +0000
End at: Tue, 13 Jun 2017 19:22:10 +0000
Local clock offset: -6.868 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:37:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: -4.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: -4.479 ms
Loss rate: 0.00%
```

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

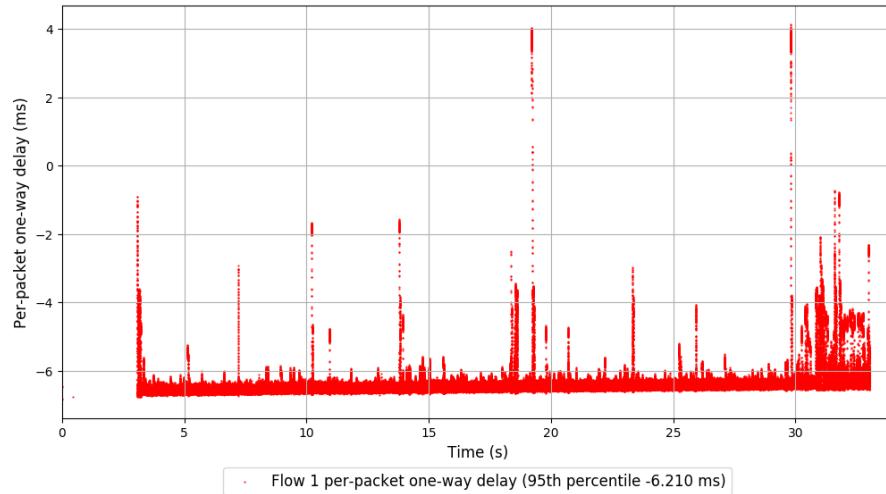
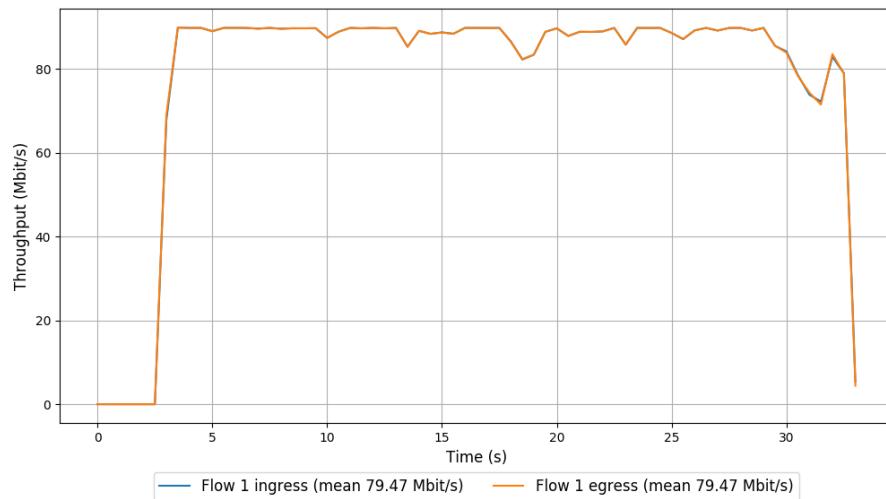


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:38:34 +0000
End at: Tue, 13 Jun 2017 19:39:04 +0000
Local clock offset: -8.728 ms
Remote clock offset: 0.104 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:38:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: -6.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: -6.210 ms
Loss rate: 0.00%
```

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

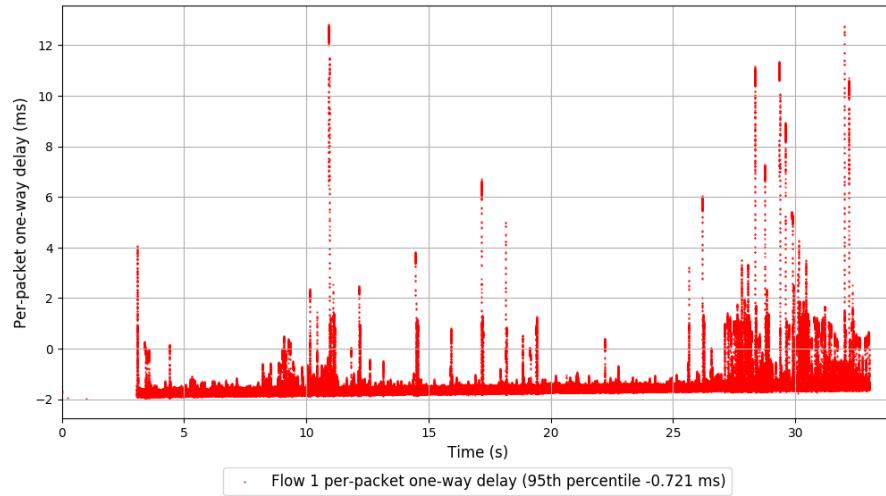
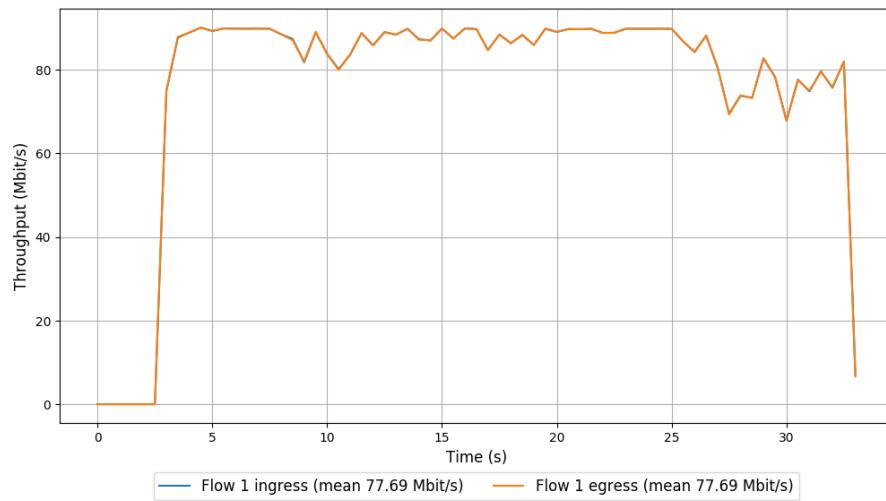


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 19:55:37 +0000
End at: Tue, 13 Jun 2017 19:56:07 +0000
Local clock offset: -3.938 ms
Remote clock offset: 0.384 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:38:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.69 Mbit/s
95th percentile per-packet one-way delay: -0.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.69 Mbit/s
95th percentile per-packet one-way delay: -0.721 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 20:12:35 +0000

End at: Tue, 13 Jun 2017 20:13:05 +0000

Local clock offset: 2.817 ms

Remote clock offset: 0.476 ms

Below is generated by plot.py at Wed, 14 Jun 2017 04:39:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 5.049 ms

Loss rate: 0.00%

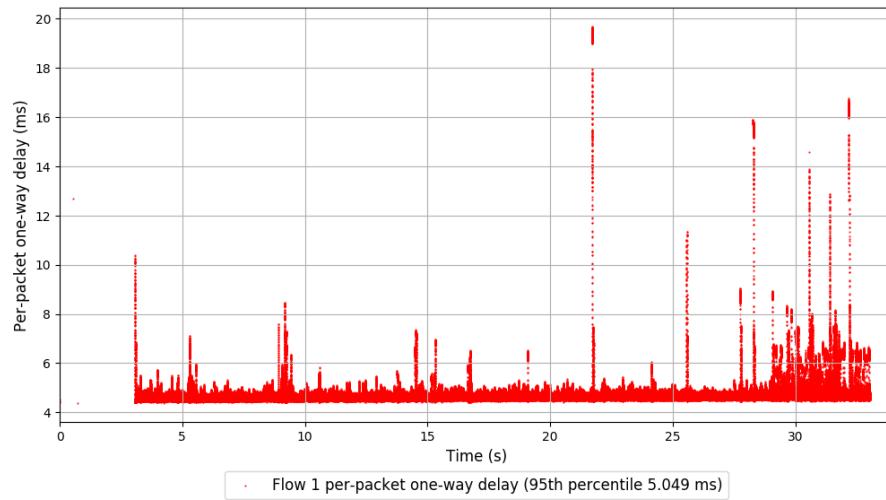
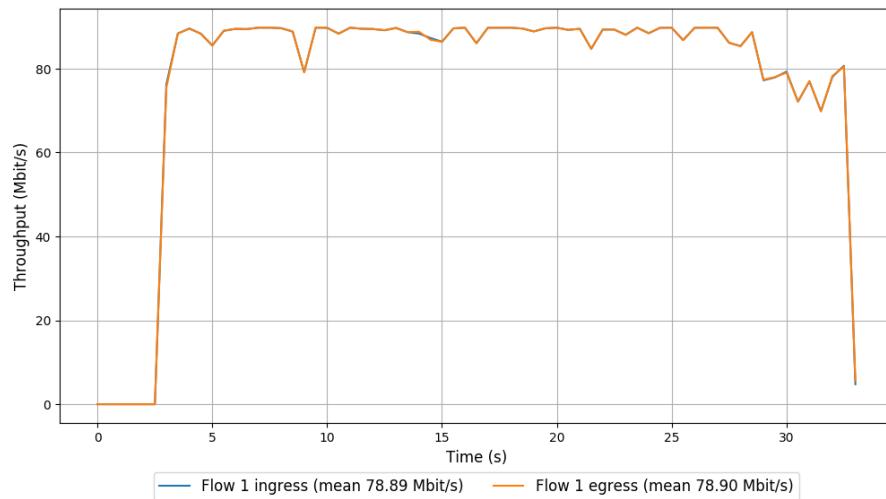
-- Flow 1:

Average throughput: 78.90 Mbit/s

95th percentile per-packet one-way delay: 5.049 ms

Loss rate: 0.00%

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

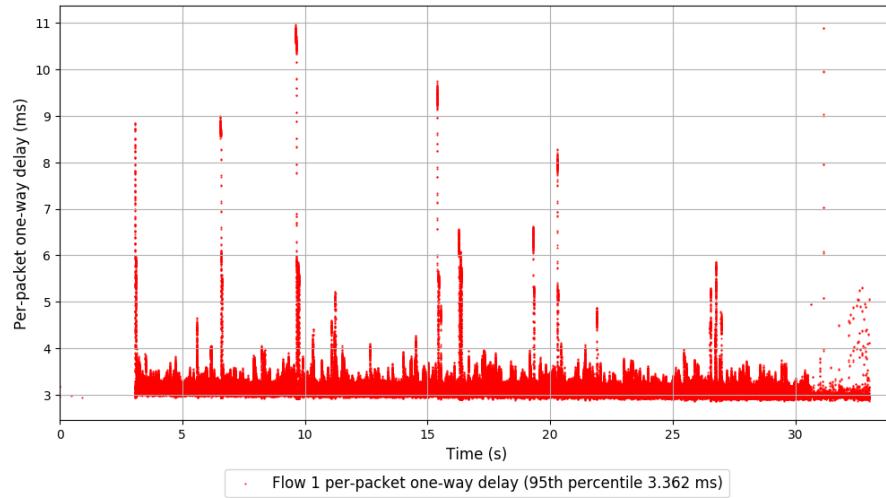
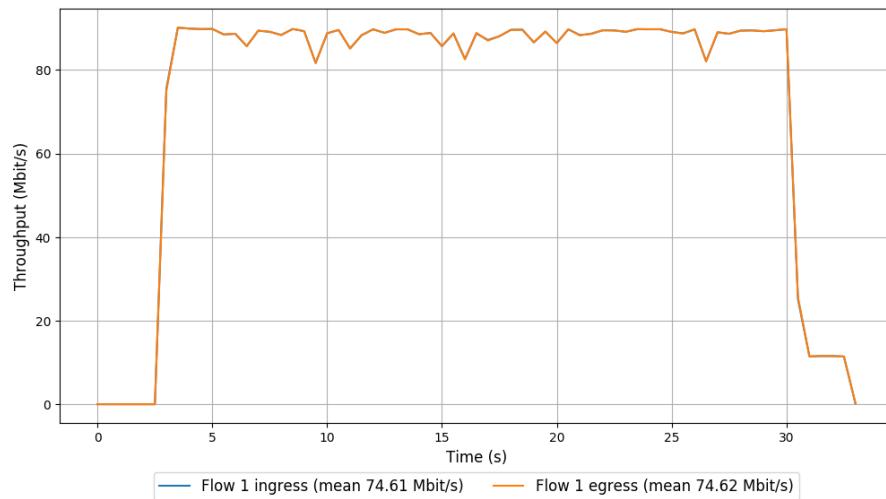


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 20:29:32 +0000
End at: Tue, 13 Jun 2017 20:30:02 +0000
Local clock offset: 1.678 ms
Remote clock offset: 0.7 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:39:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.62 Mbit/s
95th percentile per-packet one-way delay: 3.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.62 Mbit/s
95th percentile per-packet one-way delay: 3.362 ms
Loss rate: 0.00%
```

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

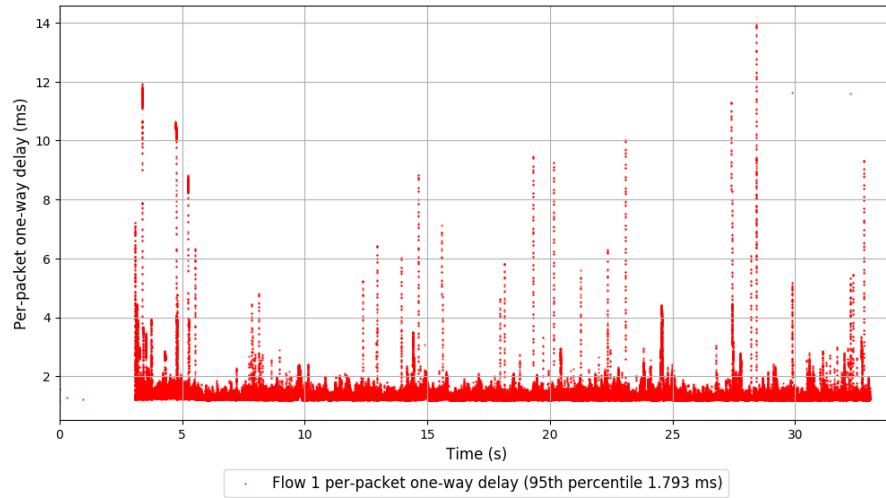
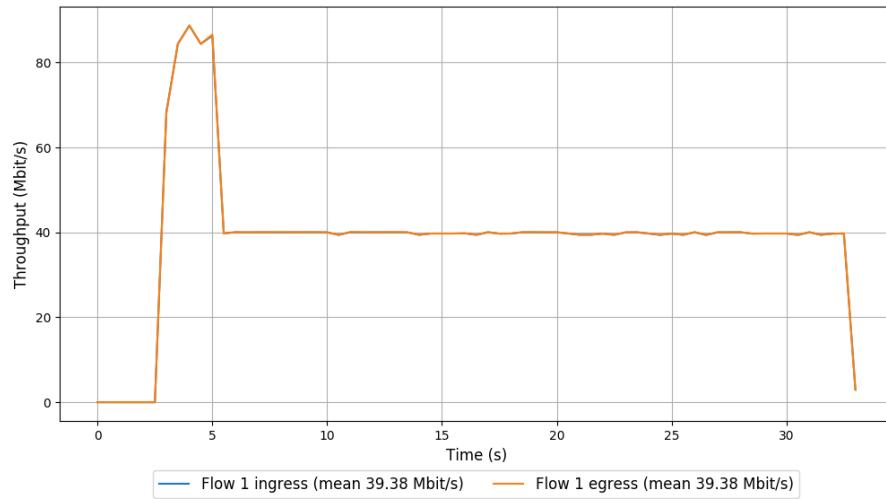


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 20:46:29 +0000
End at: Tue, 13 Jun 2017 20:46:59 +0000
Local clock offset: -0.071 ms
Remote clock offset: 0.765 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:40:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 1.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 1.793 ms
Loss rate: 0.00%
```

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

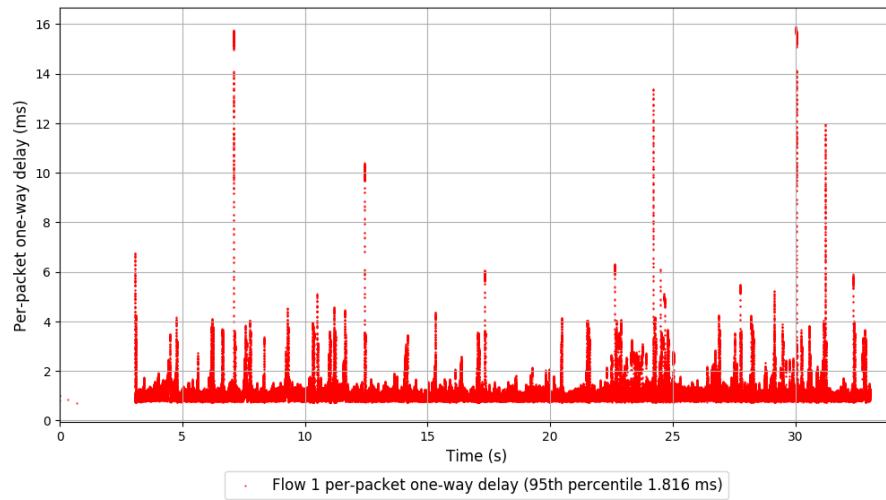
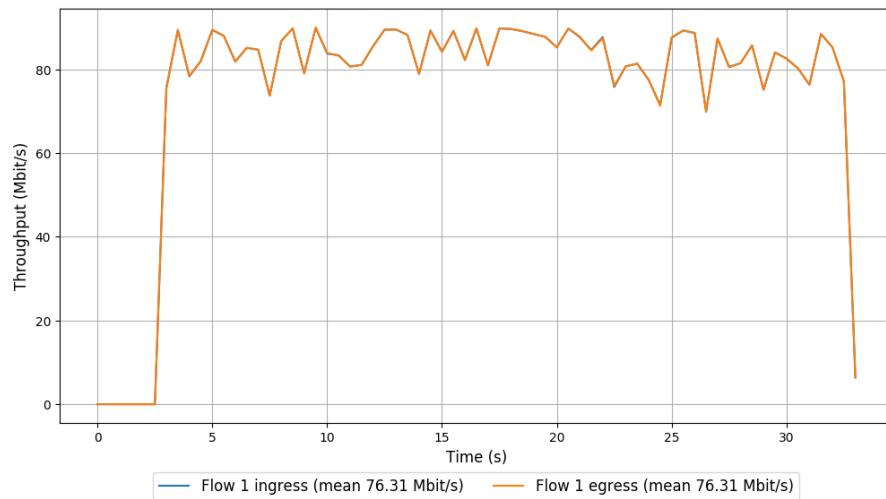


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 21:03:21 +0000
End at: Tue, 13 Jun 2017 21:03:51 +0000
Local clock offset: -0.569 ms
Remote clock offset: 0.763 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:40:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 1.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 1.816 ms
Loss rate: 0.00%
```

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

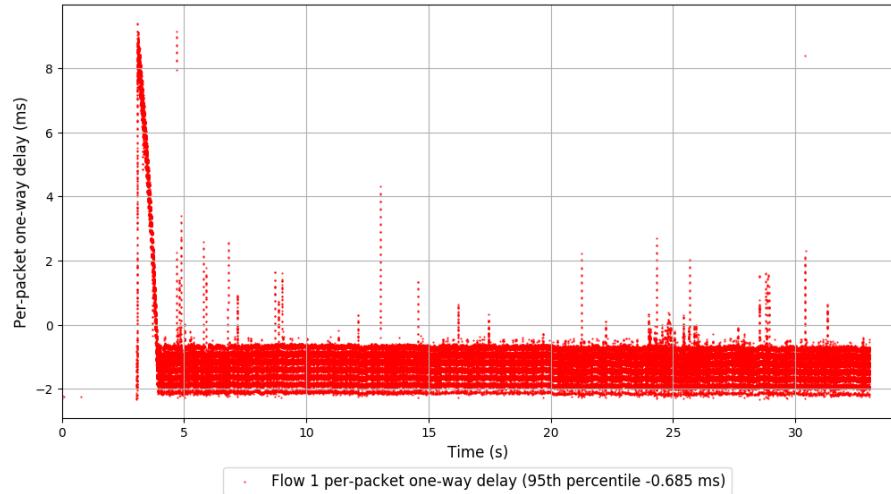
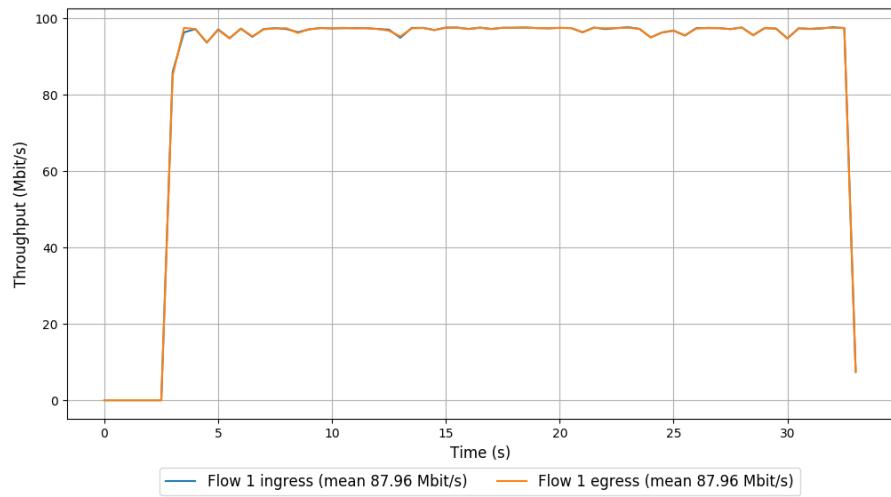


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 18:37:07 +0000
End at: Tue, 13 Jun 2017 18:37:37 +0000
Local clock offset: -4.656 ms
Remote clock offset: -0.414 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:40:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: -0.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: -0.685 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

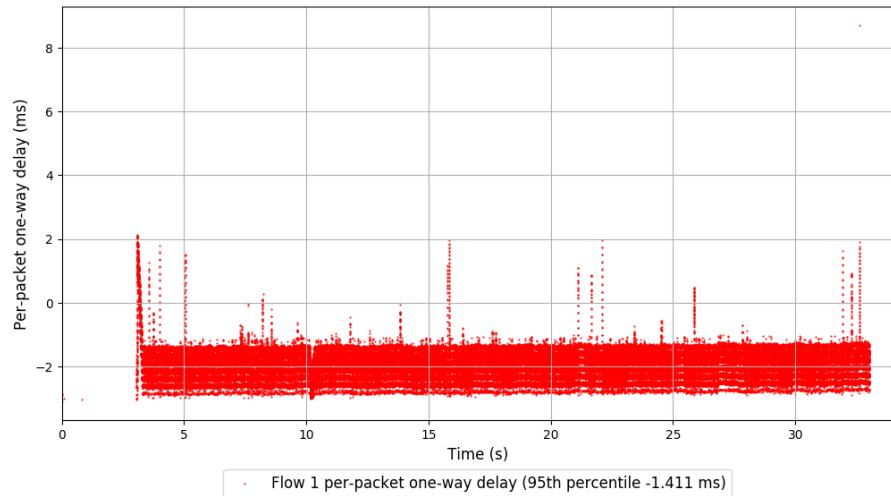
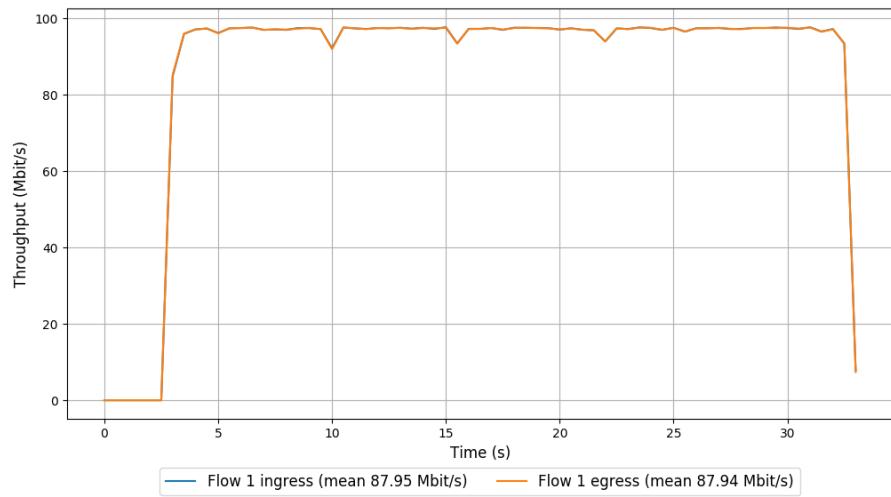


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 18:54:08 +0000
End at: Tue, 13 Jun 2017 18:54:38 +0000
Local clock offset: -5.512 ms
Remote clock offset: -0.393 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:41:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: -1.411 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: -1.411 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

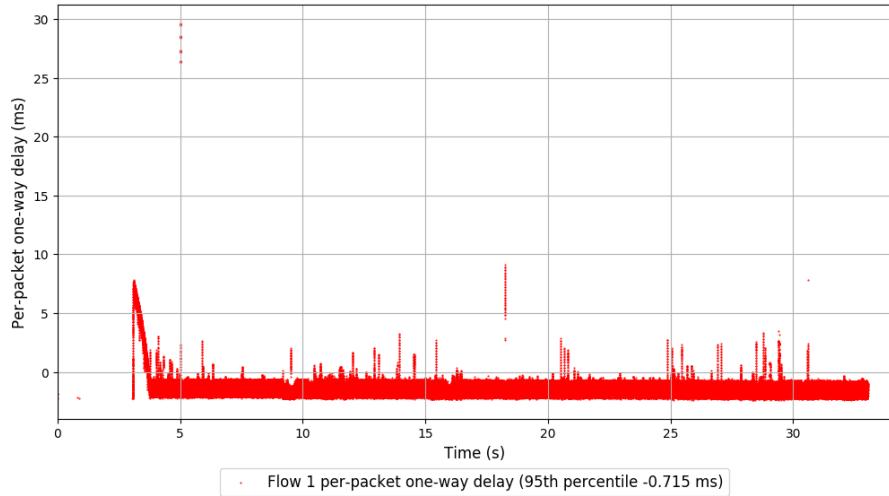
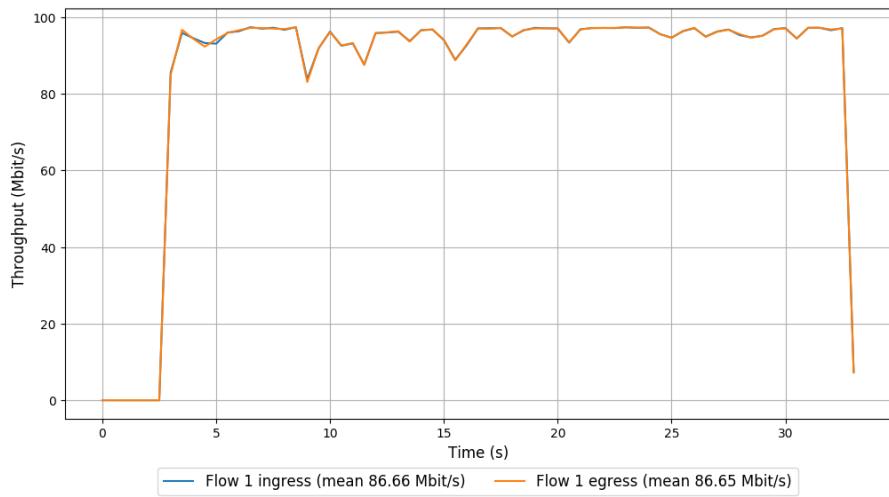


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 19:11:05 +0000
End at: Tue, 13 Jun 2017 19:11:35 +0000
Local clock offset: -4.374 ms
Remote clock offset: -0.21 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:41:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: -0.715 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: -0.715 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

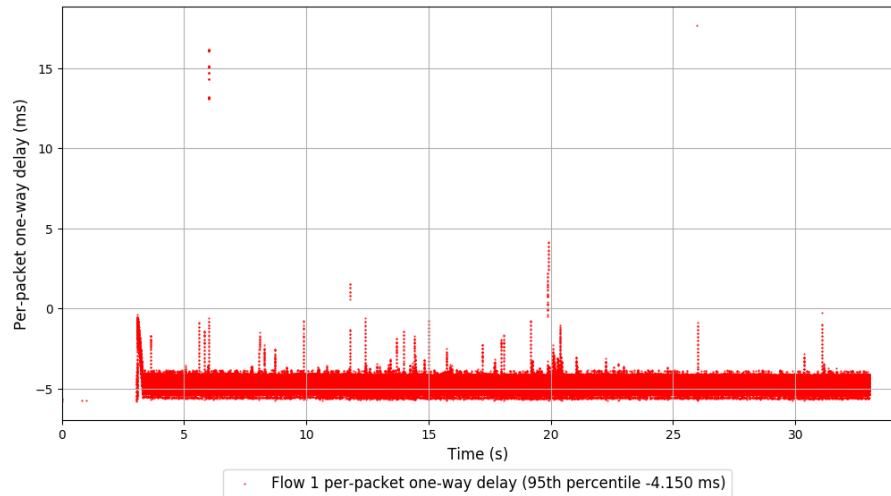
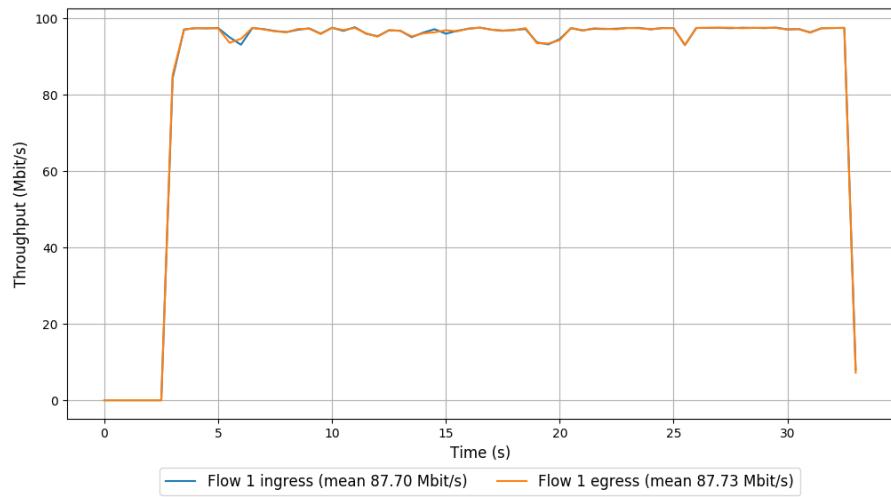


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 19:28:25 +0000
End at: Tue, 13 Jun 2017 19:28:56 +0000
Local clock offset: -7.74 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: -4.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: -4.150 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

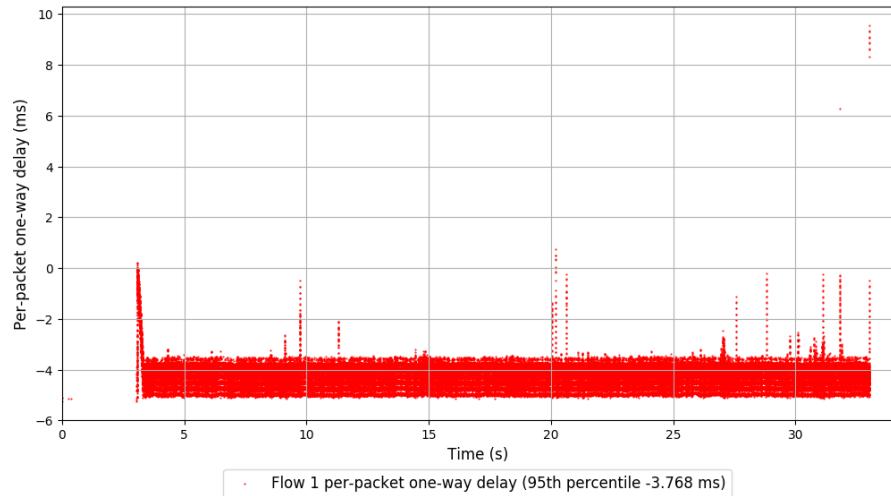
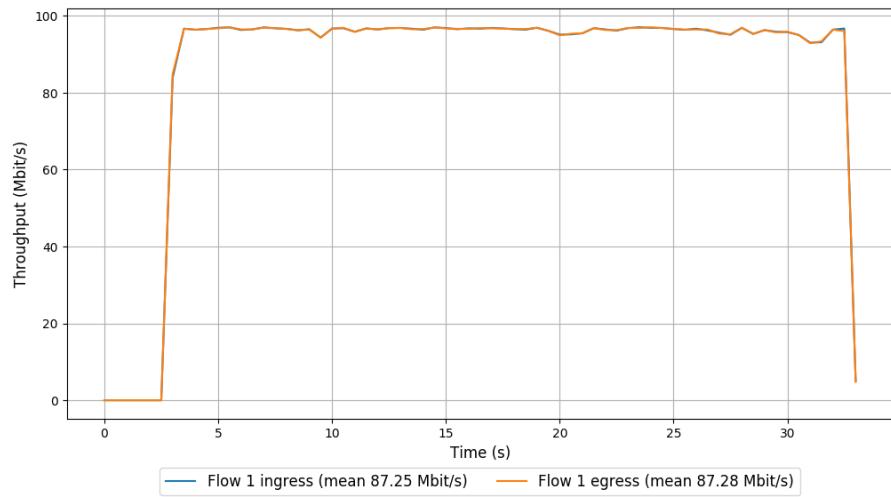


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 19:45:20 +0000
End at: Tue, 13 Jun 2017 19:45:50 +0000
Local clock offset: -6.981 ms
Remote clock offset: 0.142 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:42:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -3.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -3.768 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

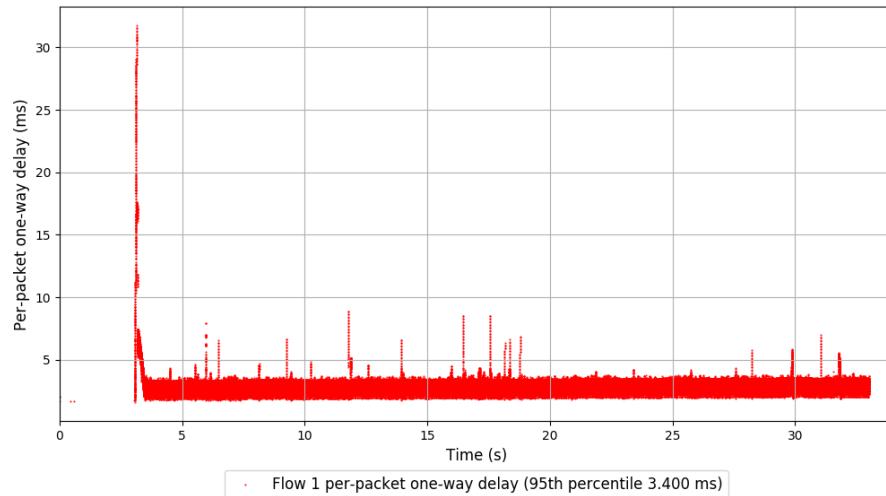
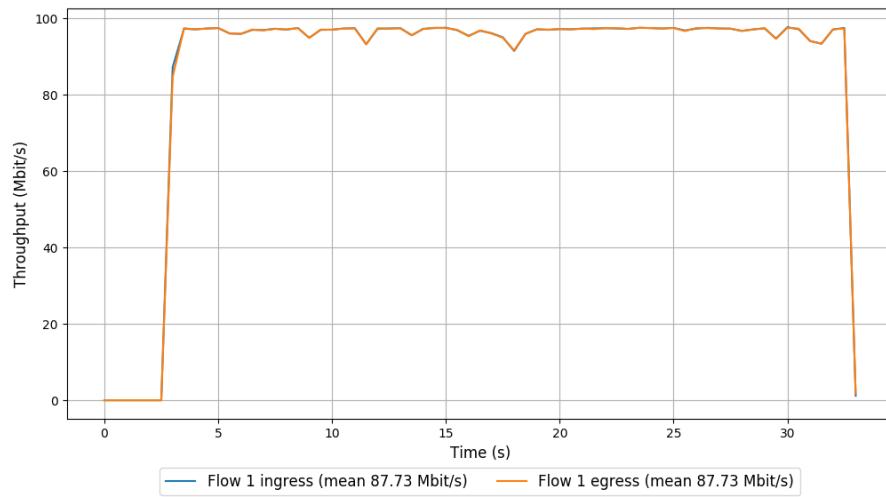


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:02:23 +0000
End at: Tue, 13 Jun 2017 20:02:53 +0000
Local clock offset: -0.127 ms
Remote clock offset: 0.442 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:42:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 3.400 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 3.400 ms
Loss rate: 0.04%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 13 Jun 2017 20:19:21 +0000

End at: Tue, 13 Jun 2017 20:19:51 +0000

Local clock offset: 2.883 ms

Remote clock offset: 0.595 ms

Below is generated by plot.py at Wed, 14 Jun 2017 04:43:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 5.973 ms

Loss rate: 0.00%

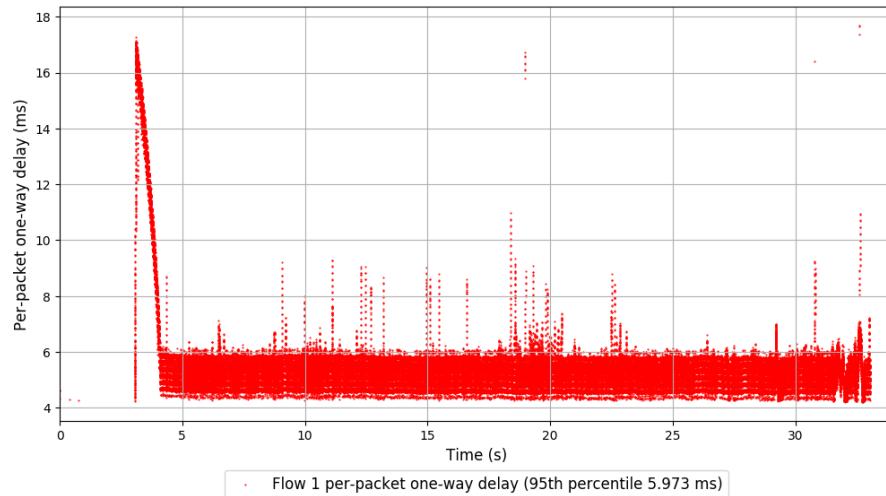
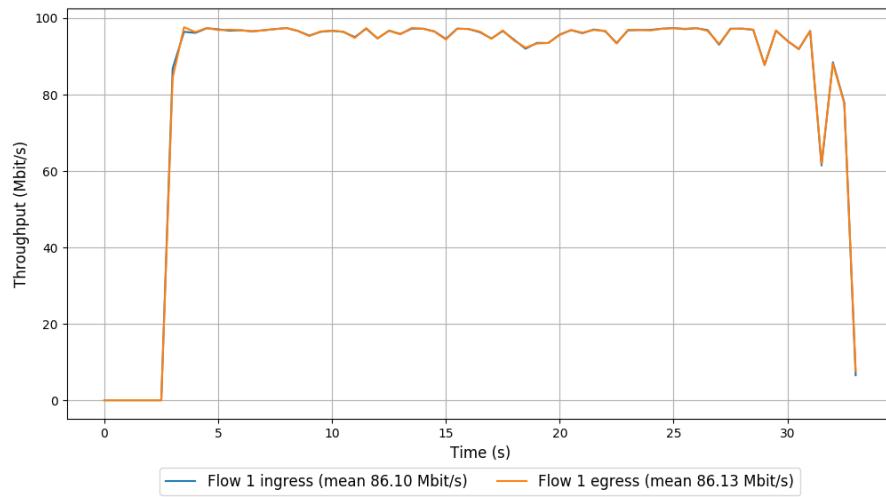
-- Flow 1:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 5.973 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

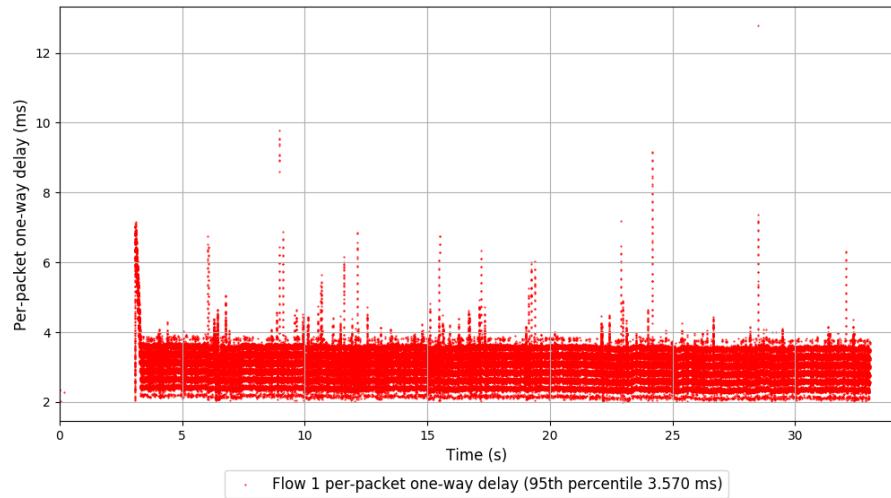
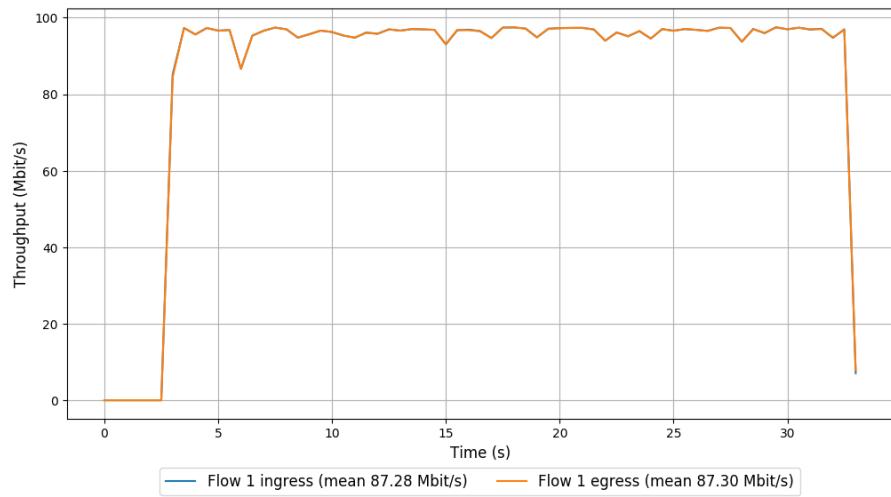


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:36:17 +0000
End at: Tue, 13 Jun 2017 20:36:48 +0000
Local clock offset: 0.76 ms
Remote clock offset: 0.686 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:43:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 3.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 3.570 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

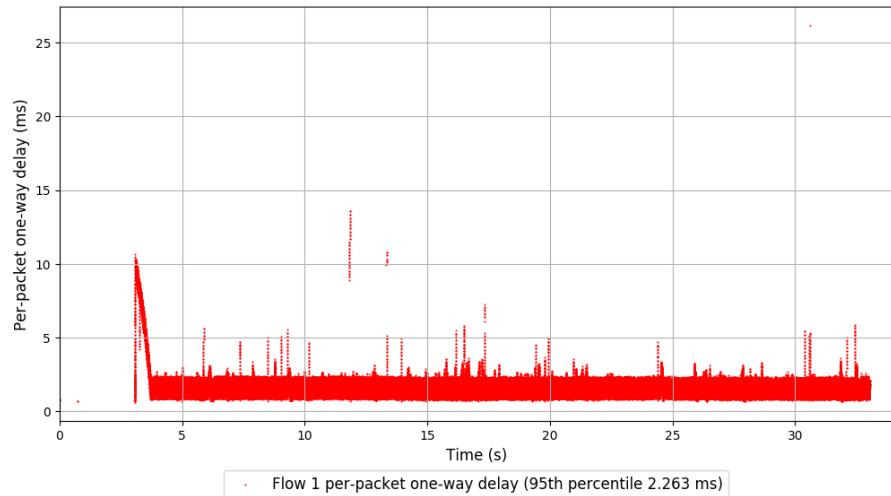
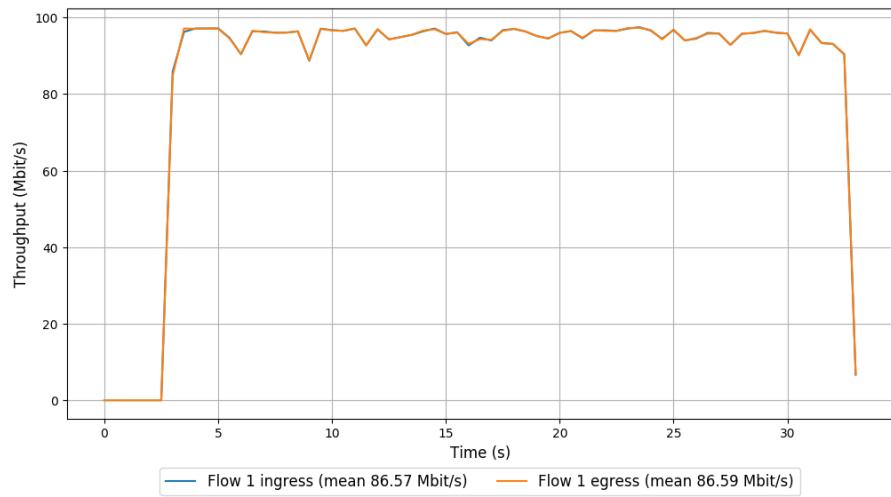


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 20:53:10 +0000
End at: Tue, 13 Jun 2017 20:53:40 +0000
Local clock offset: -0.629 ms
Remote clock offset: 0.744 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:43:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.59 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.59 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

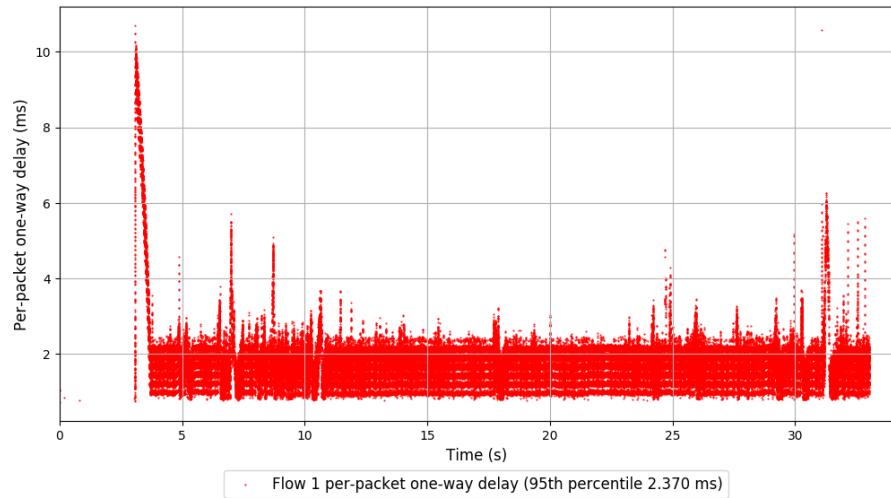
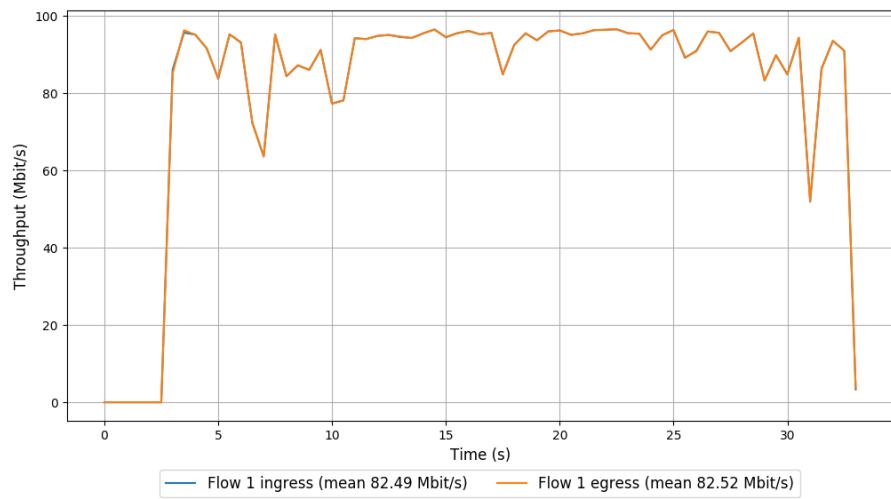


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 21:10:07 +0000
End at: Tue, 13 Jun 2017 21:10:37 +0000
Local clock offset: -0.432 ms
Remote clock offset: 0.784 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:44:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.52 Mbit/s
95th percentile per-packet one-way delay: 2.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.52 Mbit/s
95th percentile per-packet one-way delay: 2.370 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

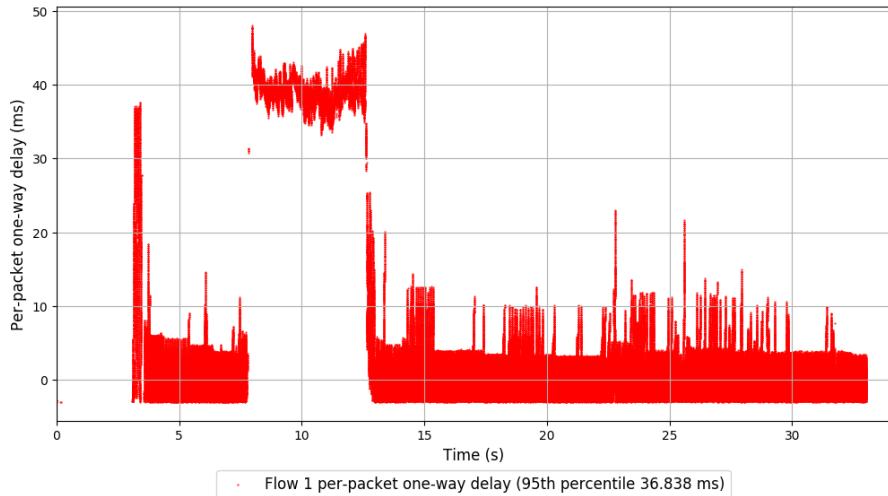
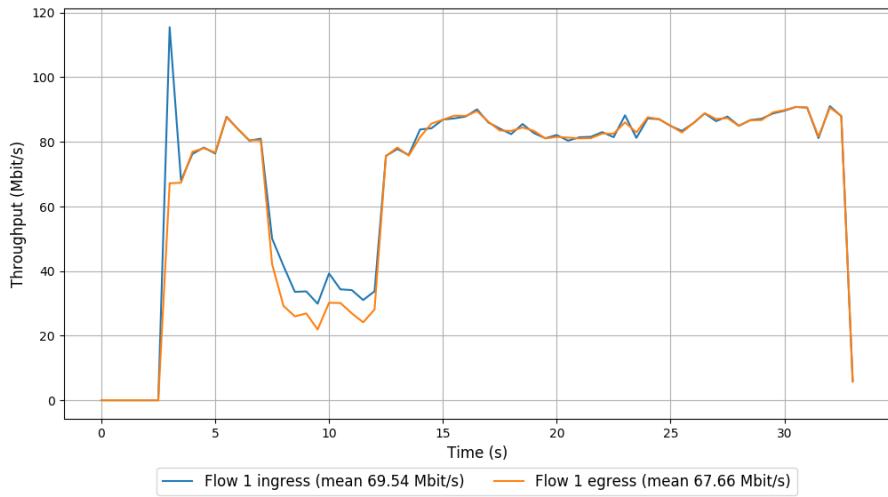


Run 1: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 18:26:39 +0000
End at: Tue, 13 Jun 2017 18:27:09 +0000
Local clock offset: -5.34 ms
Remote clock offset: -0.294 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:44:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.66 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 67.66 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 2.71%
```

Run 1: Report of Verus — Data Link

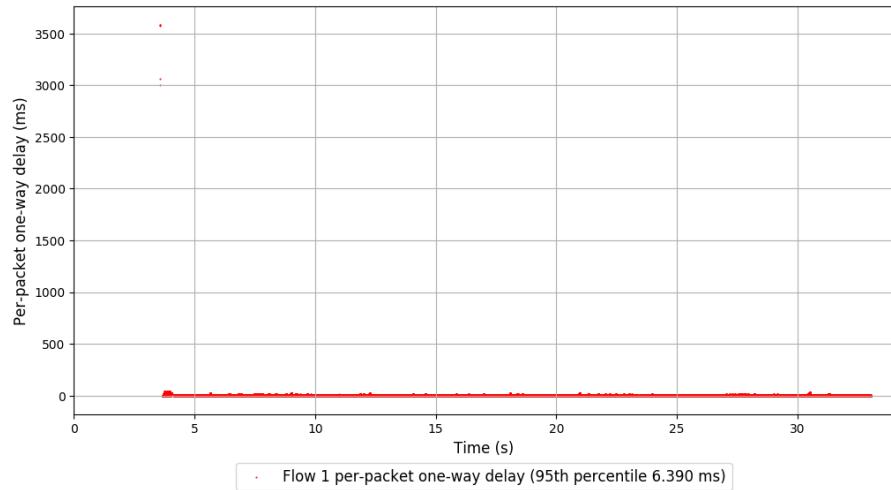
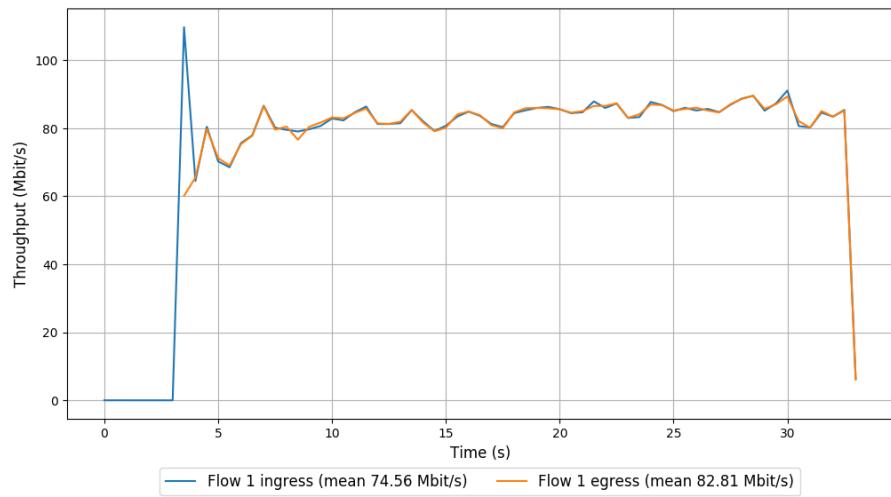


Run 2: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 18:43:57 +0000
End at: Tue, 13 Jun 2017 18:44:27 +0000
Local clock offset: -5.71 ms
Remote clock offset: -0.466 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:44:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 6.390 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 6.390 ms
Loss rate: 0.98%
```

Run 2: Report of Verus — Data Link

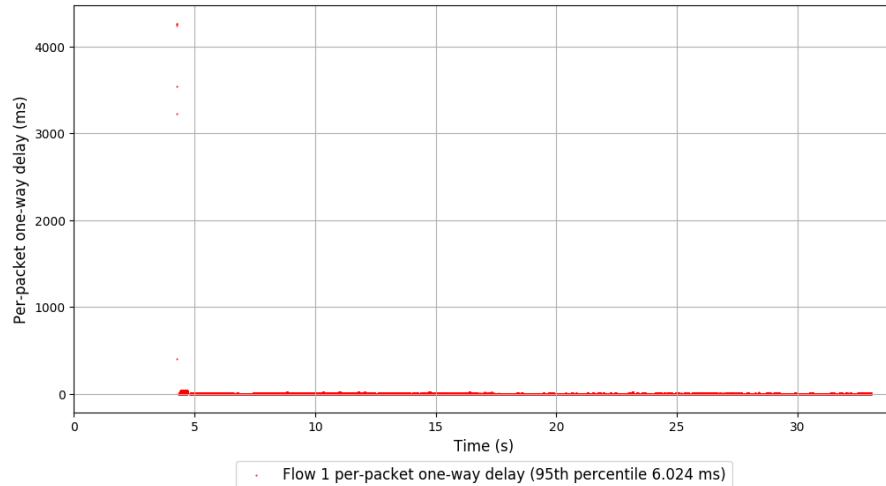
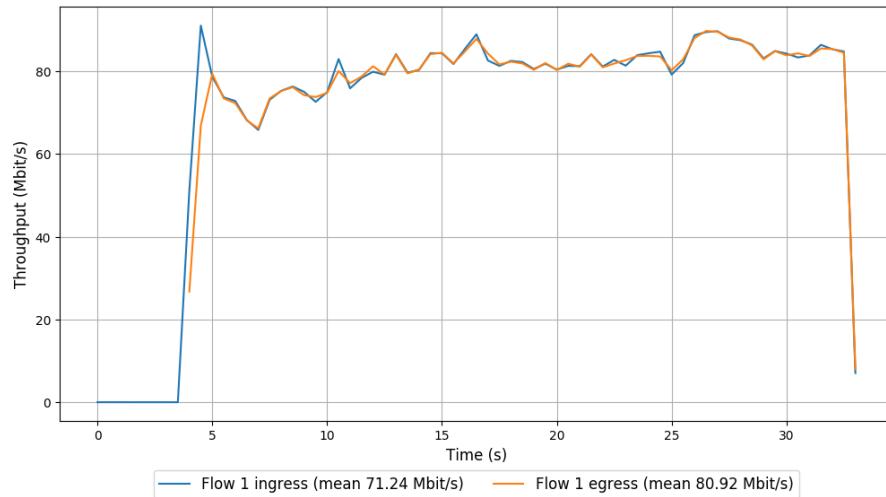


Run 3: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:00:54 +0000
End at: Tue, 13 Jun 2017 19:01:24 +0000
Local clock offset: -4.479 ms
Remote clock offset: -0.365 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:45:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 6.024 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 6.024 ms
Loss rate: 1.02%
```

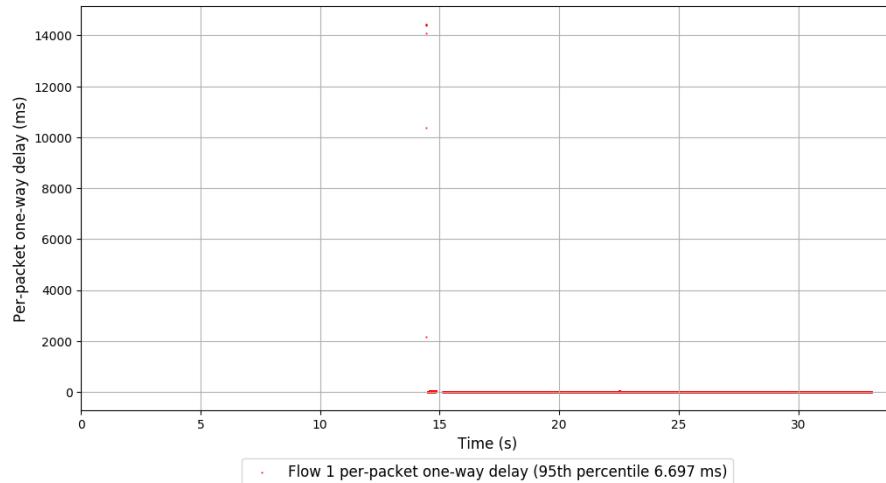
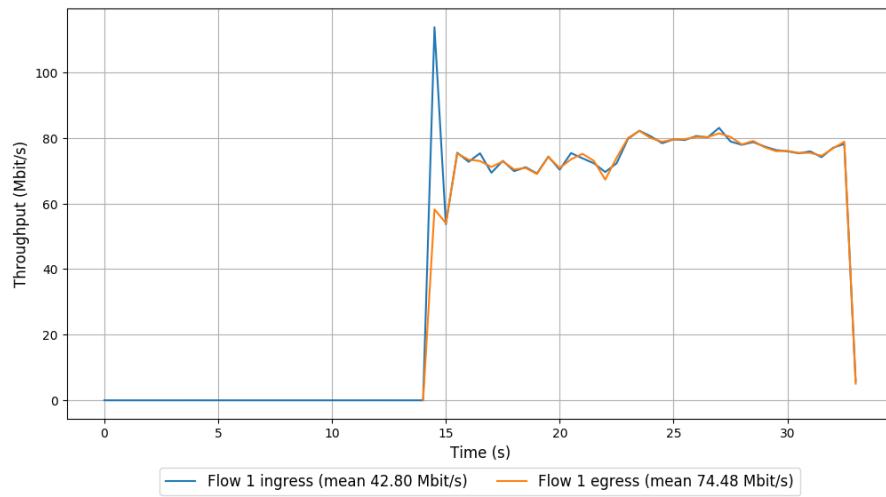
Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 13 Jun 2017 19:18:18 +0000
End at: Tue, 13 Jun 2017 19:18:48 +0000
Local clock offset: -6.379 ms
Remote clock offset: -0.132 ms

Run 4: Report of Verus — Data Link

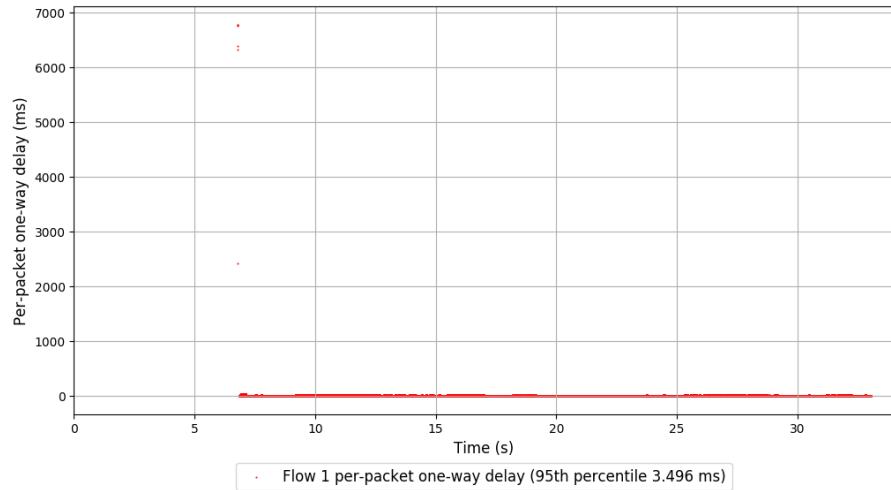
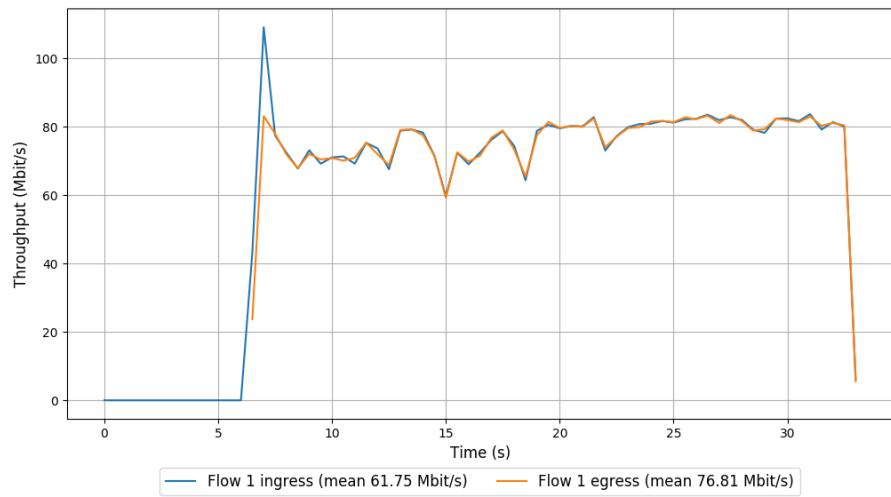


Run 5: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:35:10 +0000
End at: Tue, 13 Jun 2017 19:35:40 +0000
Local clock offset: -8.413 ms
Remote clock offset: 0.02 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:45:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 3.496 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 3.496 ms
Loss rate: 1.14%
```

Run 5: Report of Verus — Data Link

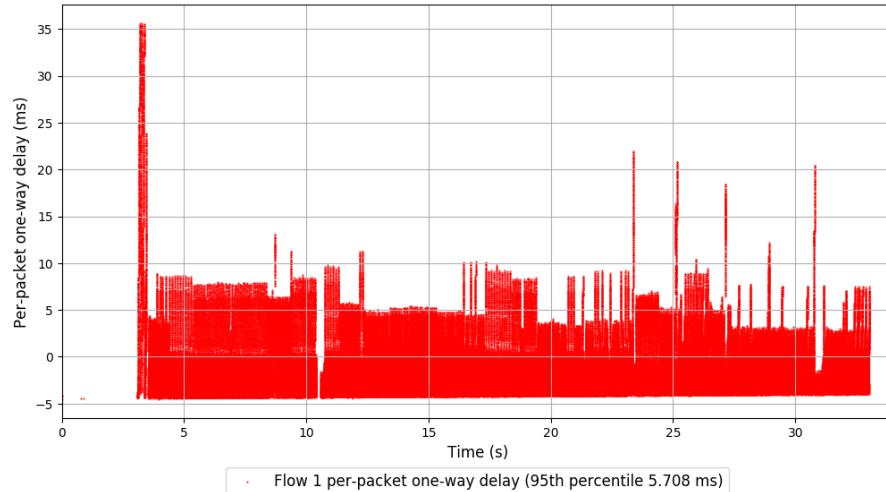
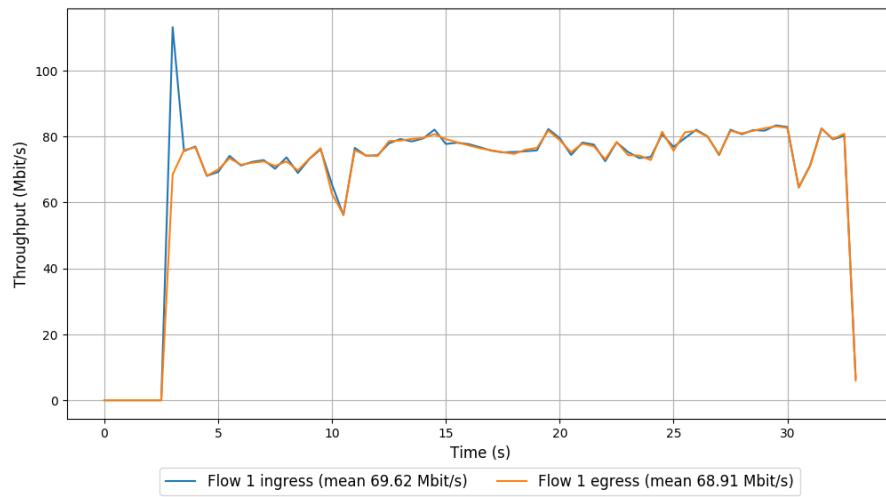


Run 6: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 19:52:13 +0000
End at: Tue, 13 Jun 2017 19:52:43 +0000
Local clock offset: -6.524 ms
Remote clock offset: 0.325 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:46:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.91 Mbit/s
95th percentile per-packet one-way delay: 5.708 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 68.91 Mbit/s
95th percentile per-packet one-way delay: 5.708 ms
Loss rate: 1.02%
```

Run 6: Report of Verus — Data Link

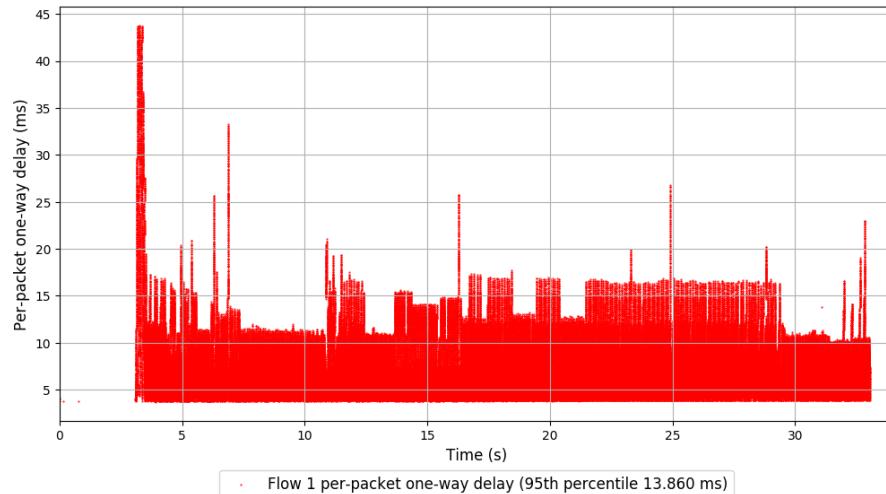
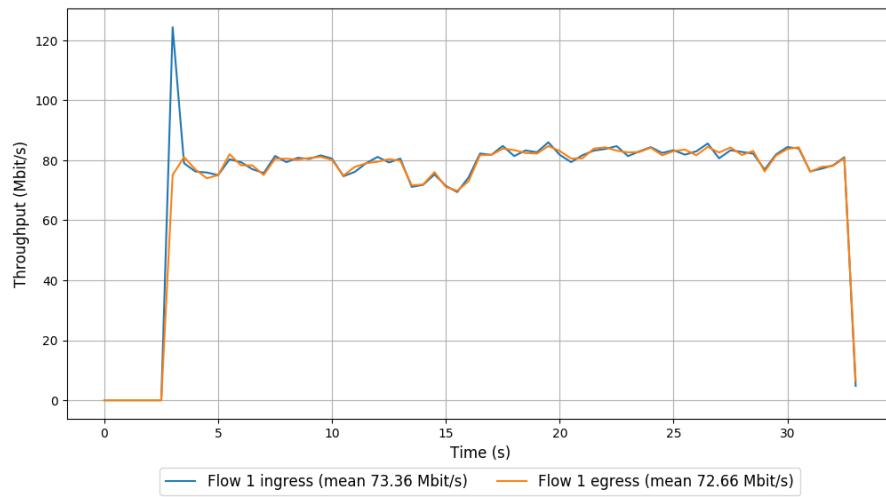


Run 7: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:09:10 +0000
End at: Tue, 13 Jun 2017 20:09:40 +0000
Local clock offset: 2.09 ms
Remote clock offset: 0.464 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:46:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 13.860 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 13.860 ms
Loss rate: 0.95%
```

Run 7: Report of Verus — Data Link

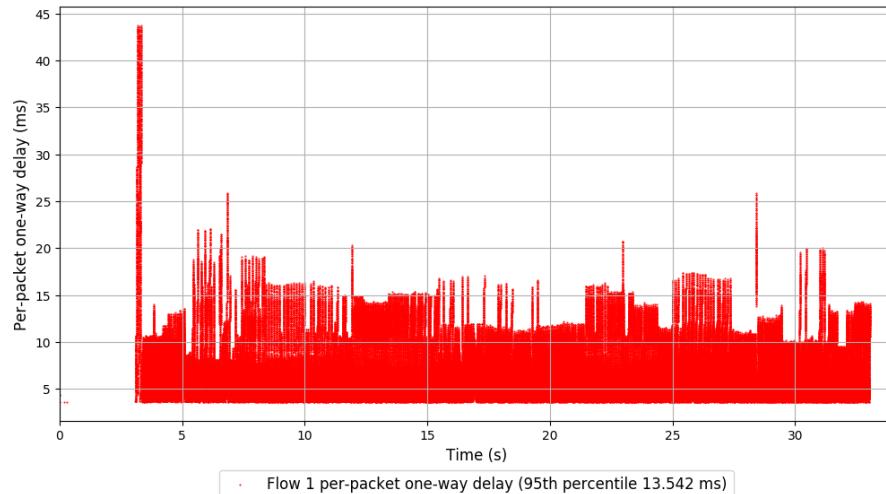
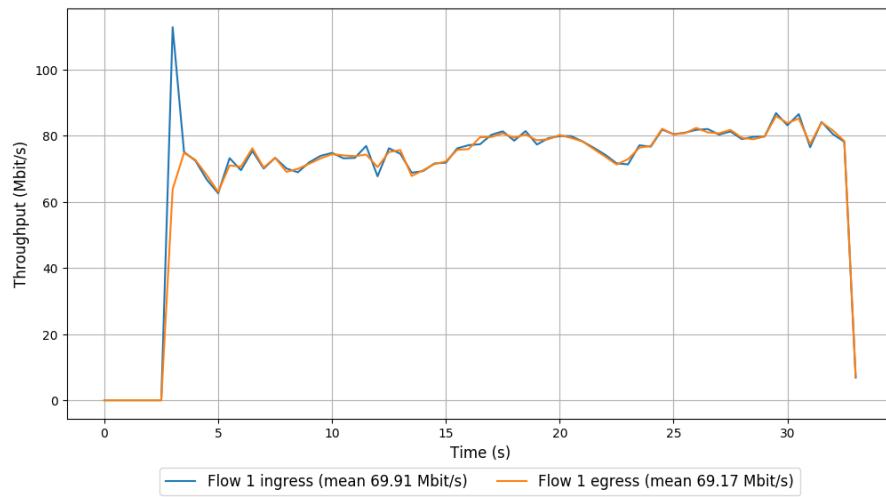


Run 8: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:26:08 +0000
End at: Tue, 13 Jun 2017 20:26:38 +0000
Local clock offset: 2.263 ms
Remote clock offset: 0.654 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:46:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 13.542 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 13.542 ms
Loss rate: 1.02%
```

Run 8: Report of Verus — Data Link

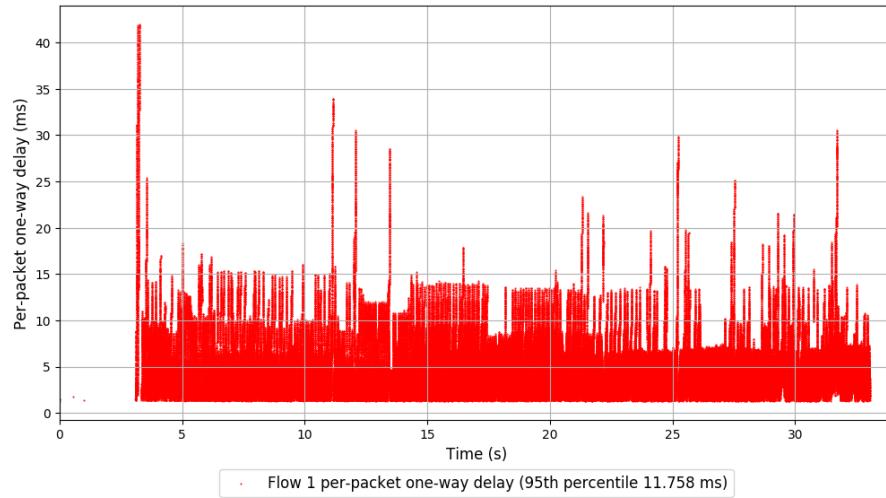
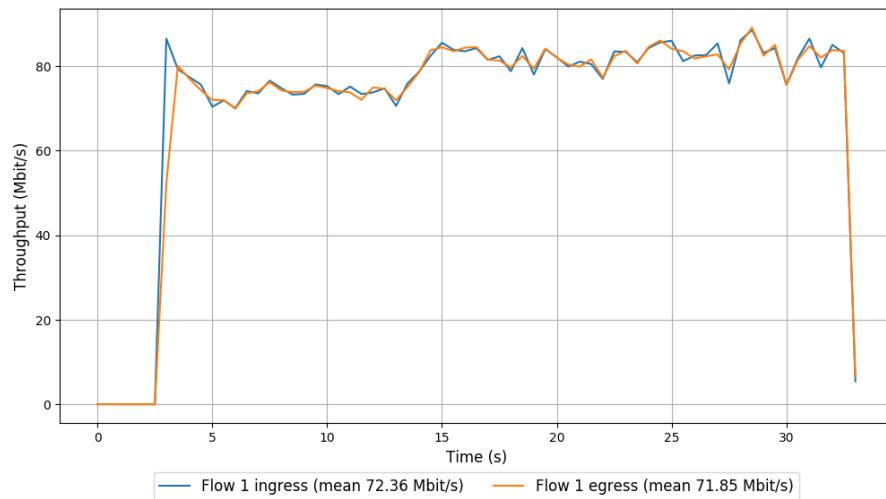


Run 9: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:43:04 +0000
End at: Tue, 13 Jun 2017 20:43:34 +0000
Local clock offset: 0.016 ms
Remote clock offset: 0.741 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:46:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.85 Mbit/s
95th percentile per-packet one-way delay: 11.758 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 71.85 Mbit/s
95th percentile per-packet one-way delay: 11.758 ms
Loss rate: 0.70%
```

Run 9: Report of Verus — Data Link

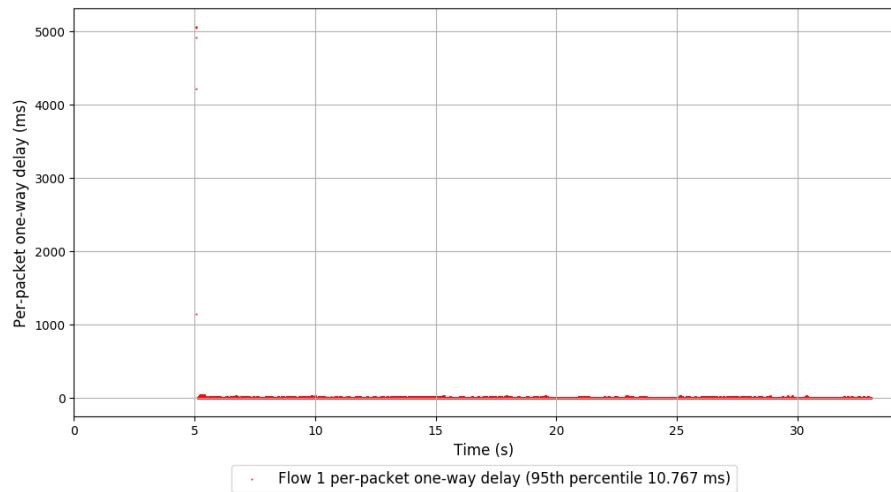
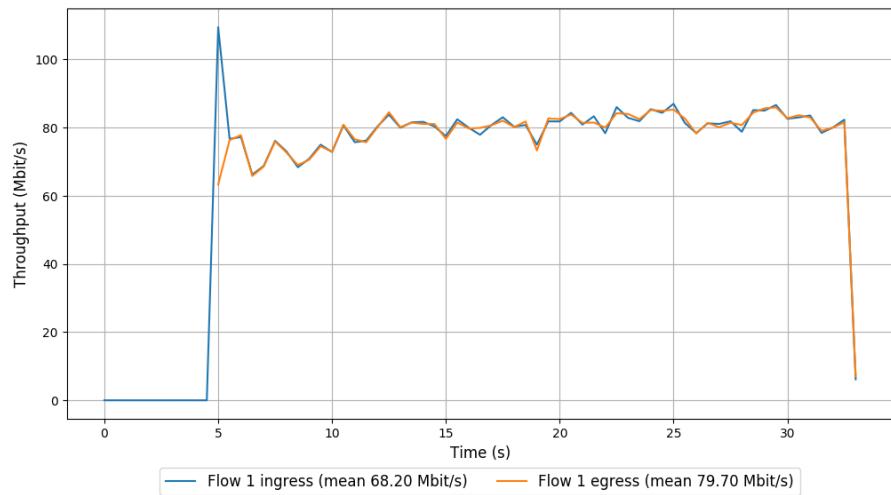


Run 10: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 20:59:57 +0000
End at: Tue, 13 Jun 2017 21:00:27 +0000
Local clock offset: -0.549 ms
Remote clock offset: 0.692 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.70 Mbit/s
95th percentile per-packet one-way delay: 10.767 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 79.70 Mbit/s
95th percentile per-packet one-way delay: 10.767 ms
Loss rate: 1.02%
```

Run 10: Report of Verus — Data Link

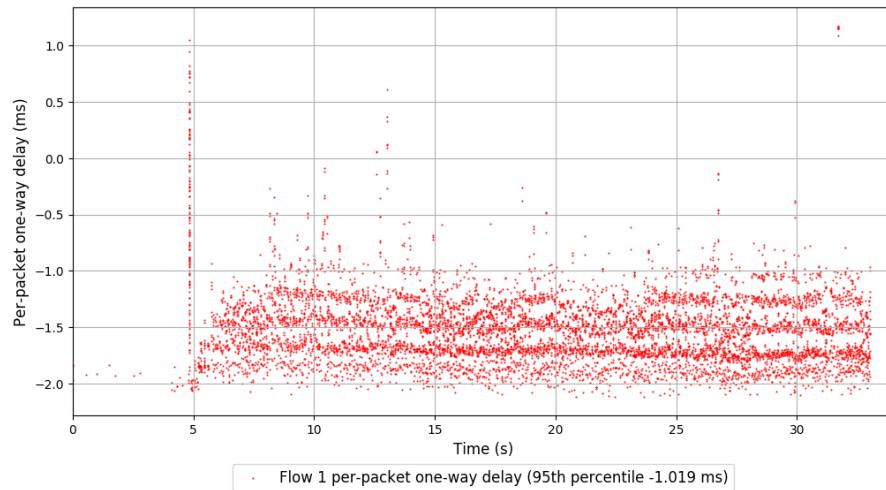
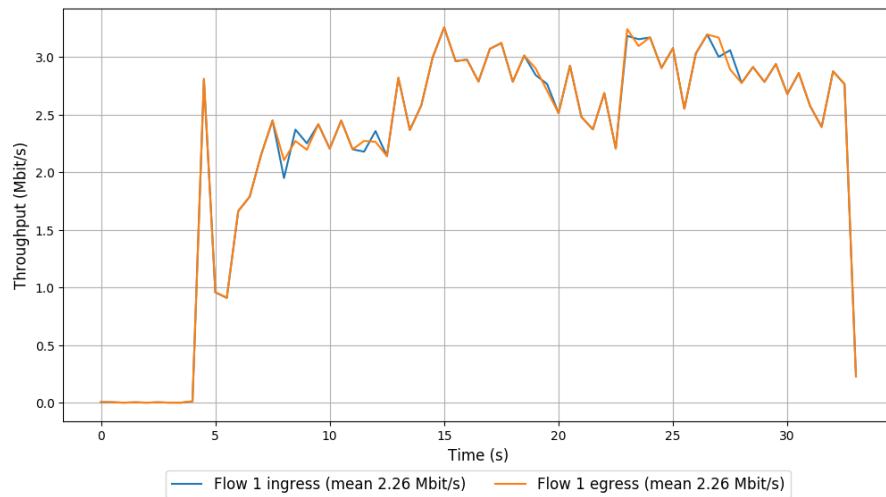


```
Run 1: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 18:34:56 +0000
End at: Tue, 13 Jun 2017 18:35:26 +0000
Local clock offset: -4.284 ms
Remote clock offset: -0.381 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: -1.019 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: -1.019 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

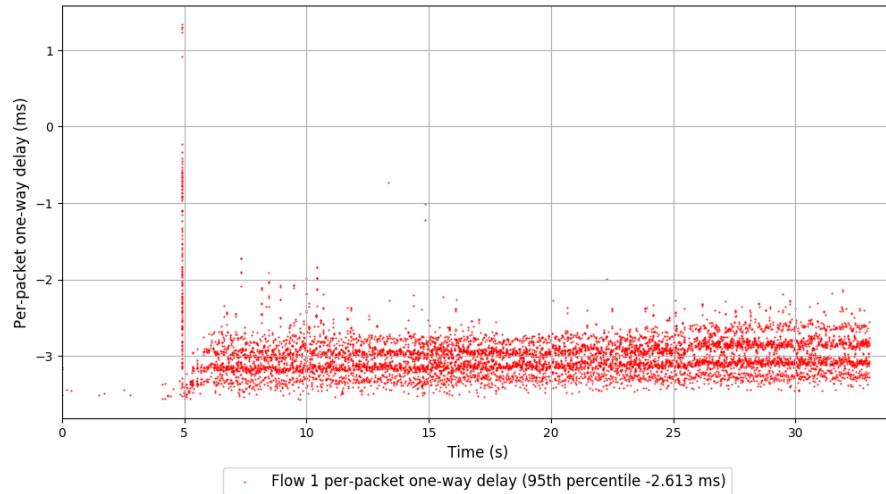
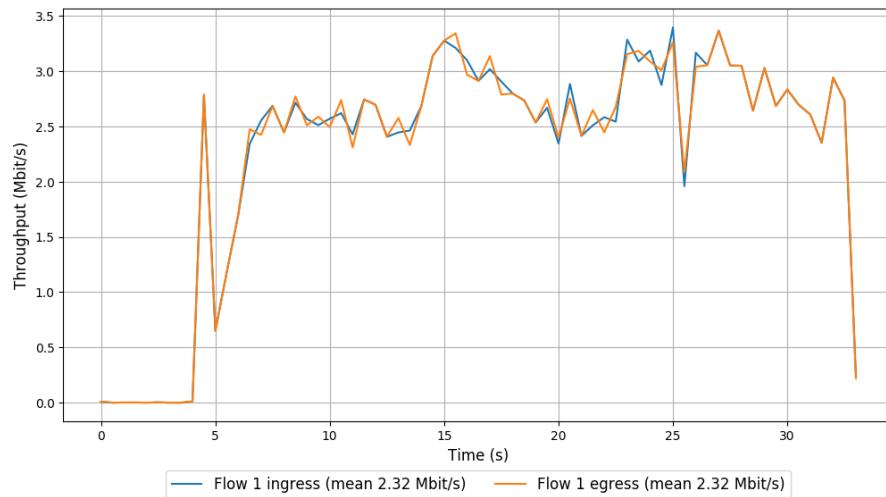


Run 2: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 18:51:57 +0000
End at: Tue, 13 Jun 2017 18:52:27 +0000
Local clock offset: -6.047 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.613 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

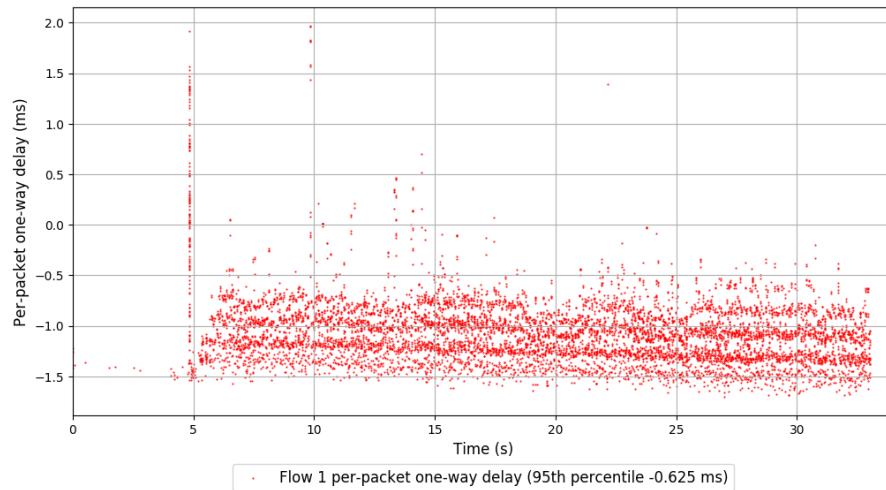
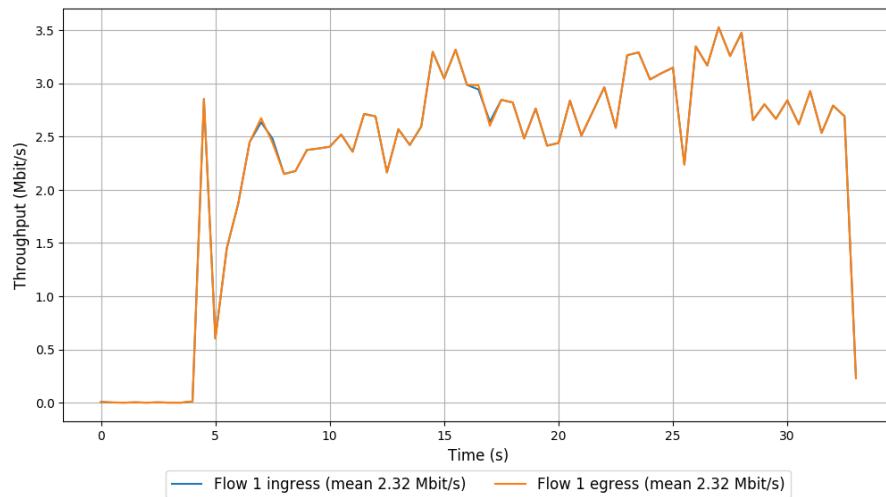


```
Run 3: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 19:08:54 +0000
End at: Tue, 13 Jun 2017 19:09:24 +0000
Local clock offset: -3.519 ms
Remote clock offset: -0.191 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -0.625 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -0.625 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

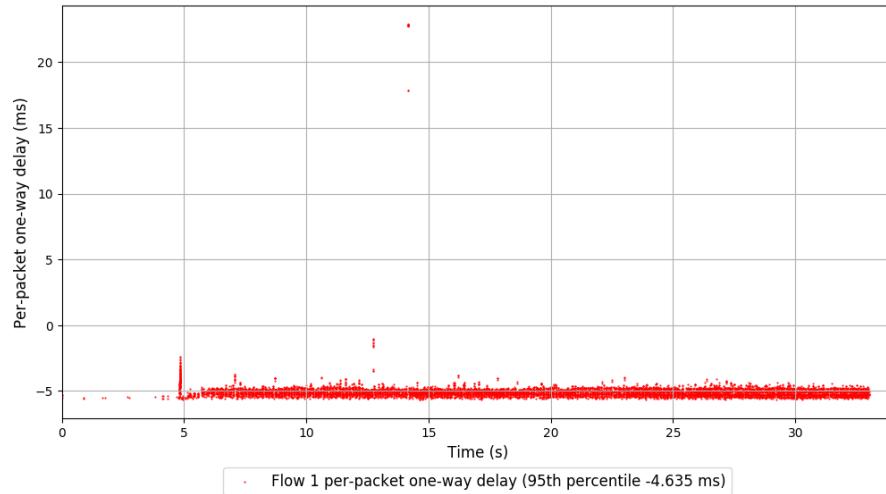
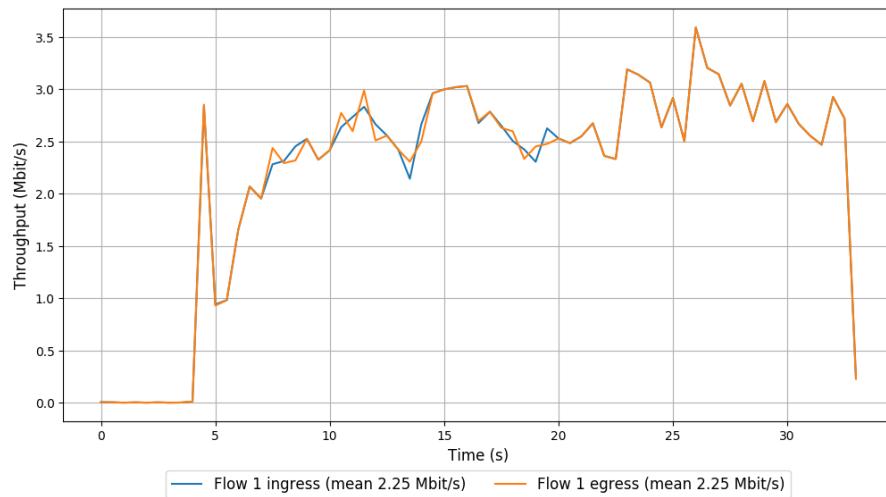


```
Run 4: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 19:26:15 +0000
End at: Tue, 13 Jun 2017 19:26:45 +0000
Local clock offset: -7.513 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: -4.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: -4.635 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

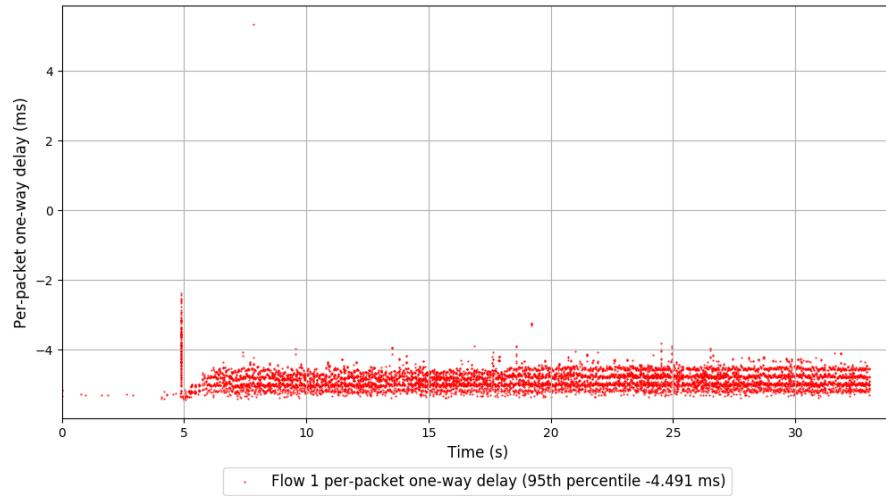
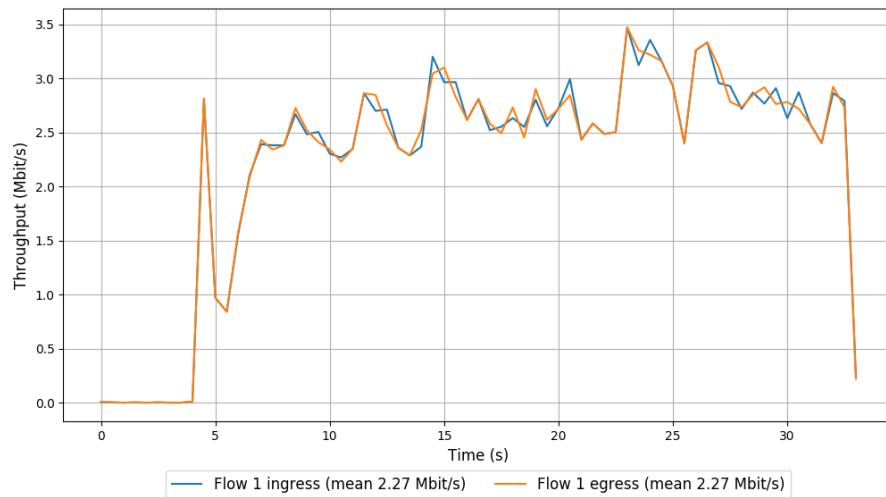


```
Run 5: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 19:43:09 +0000
End at: Tue, 13 Jun 2017 19:43:39 +0000
Local clock offset: -7.183 ms
Remote clock offset: 0.17 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: -4.491 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: -4.491 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

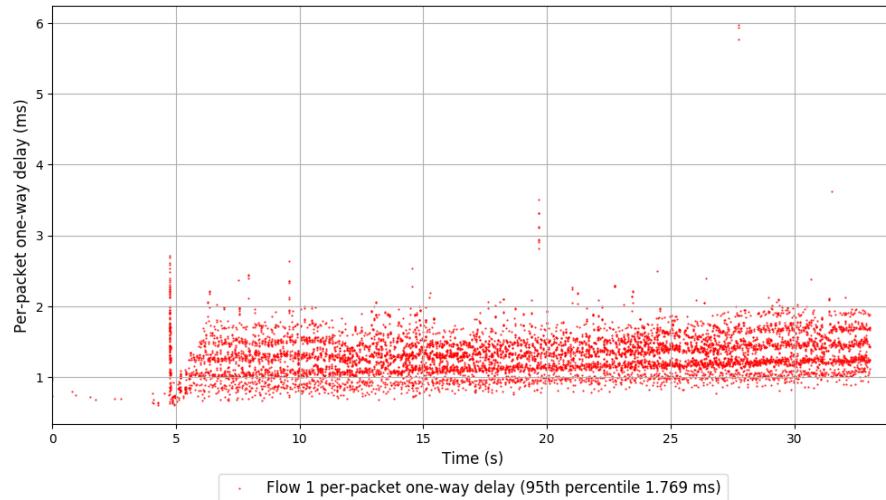
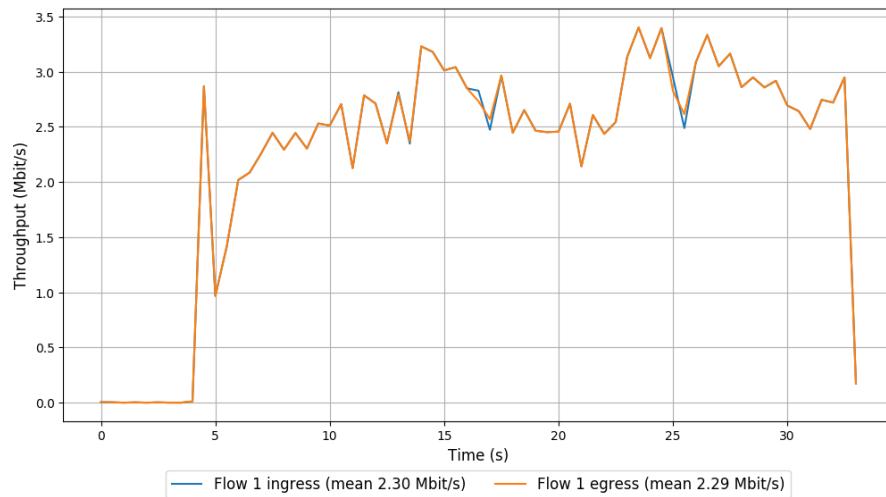


```
Run 6: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:00:12 +0000
End at: Tue, 13 Jun 2017 20:00:42 +0000
Local clock offset: -1.301 ms
Remote clock offset: 0.39 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:17:10 +0000

End at: Tue, 13 Jun 2017 20:17:40 +0000

Local clock offset: 3.287 ms

Remote clock offset: 0.578 ms

Below is generated by plot.py at Wed, 14 Jun 2017 04:47:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 5.473 ms

Loss rate: 0.00%

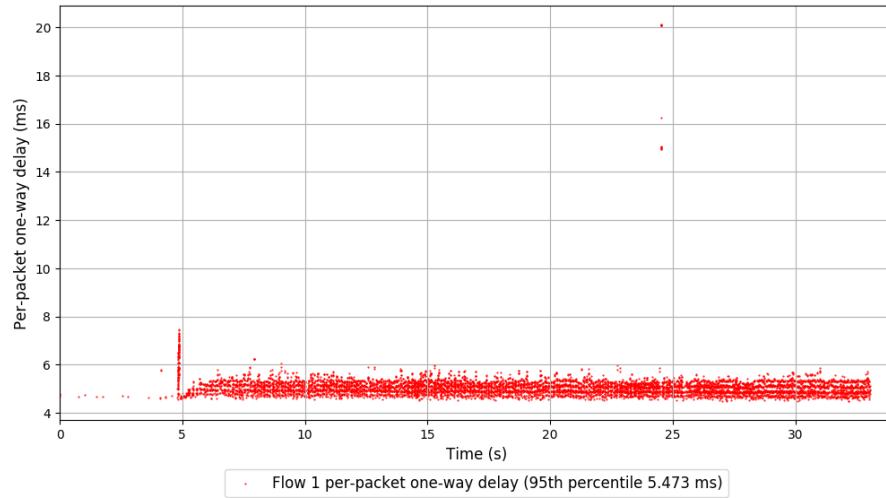
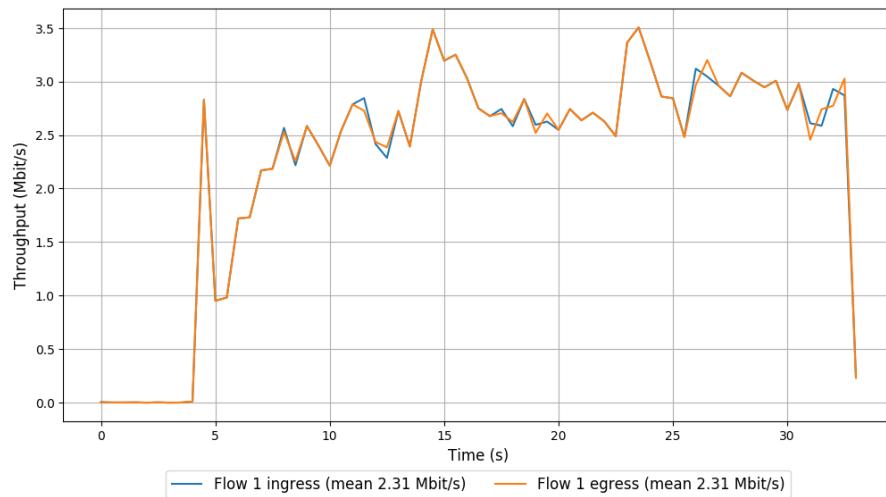
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 5.473 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

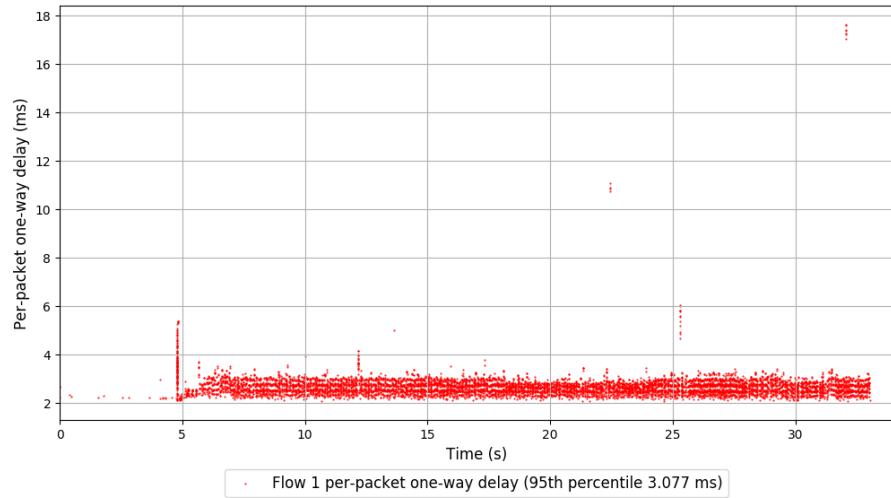
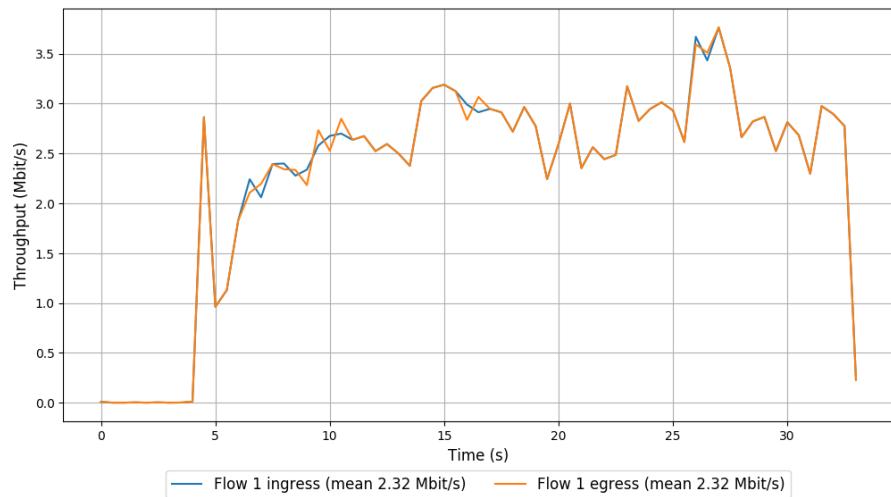


Run 8: Statistics of WebRTC media

```
Start at: Tue, 13 Jun 2017 20:34:07 +0000
End at: Tue, 13 Jun 2017 20:34:37 +0000
Local clock offset: 0.929 ms
Remote clock offset: 0.638 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.077 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

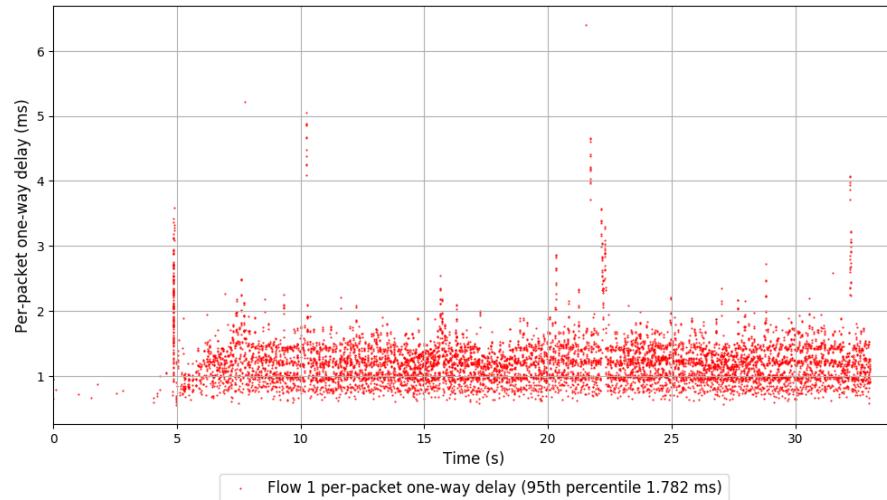
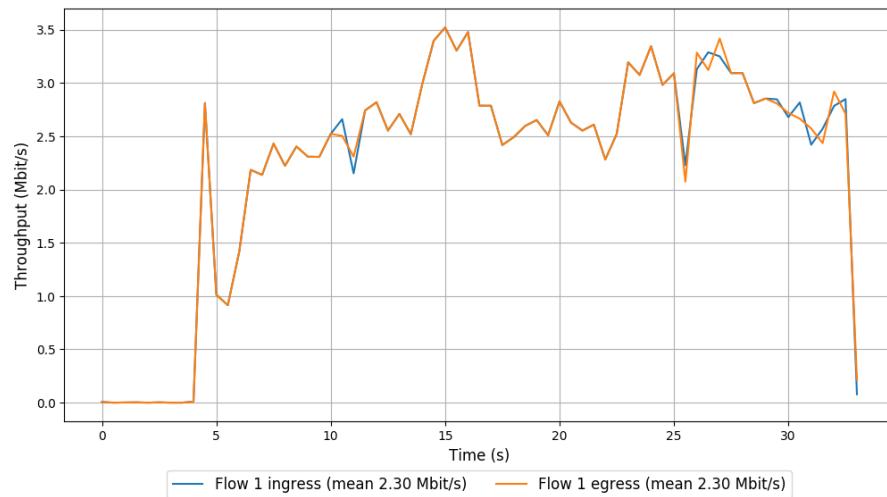


```
Run 9: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 20:51:00 +0000
End at: Tue, 13 Jun 2017 20:51:30 +0000
Local clock offset: -0.401 ms
Remote clock offset: 0.77 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 1.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 1.782 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 21:07:56 +0000
End at: Tue, 13 Jun 2017 21:08:26 +0000
Local clock offset: -0.483 ms
Remote clock offset: 0.808 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 04:47:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 1.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 1.786 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

