

Pantheon Summary (Generated at Fri, 16 Jun 2017 07:16:26 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

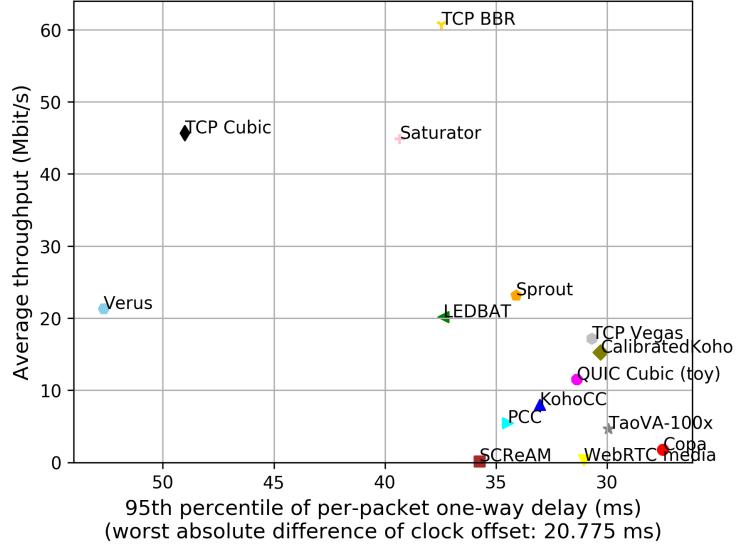
Each test lasted for 30 seconds running 1 flow.

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

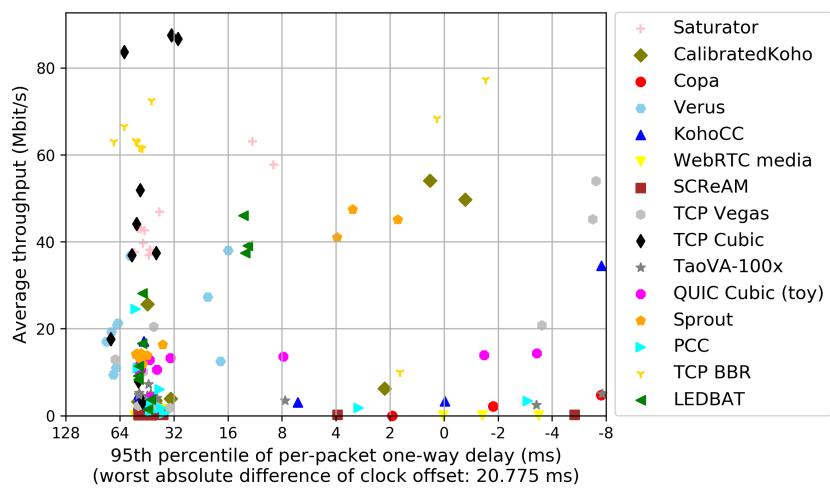
NTP offset measured against gps.ntp.br.

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

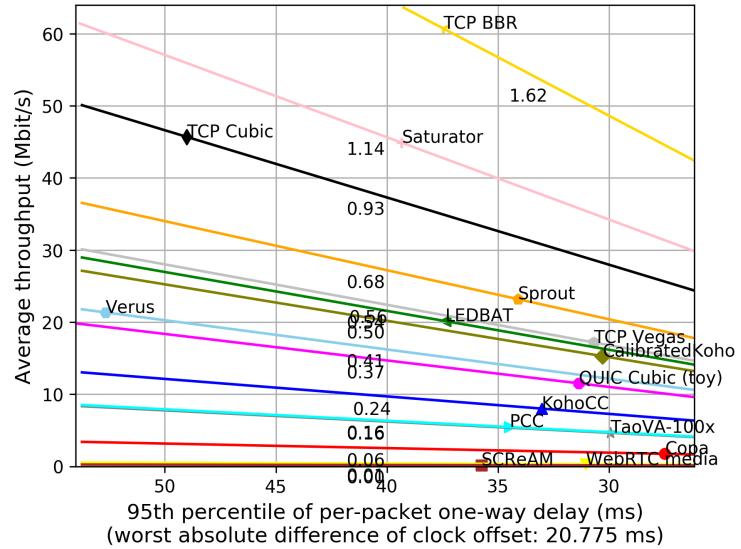
test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



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

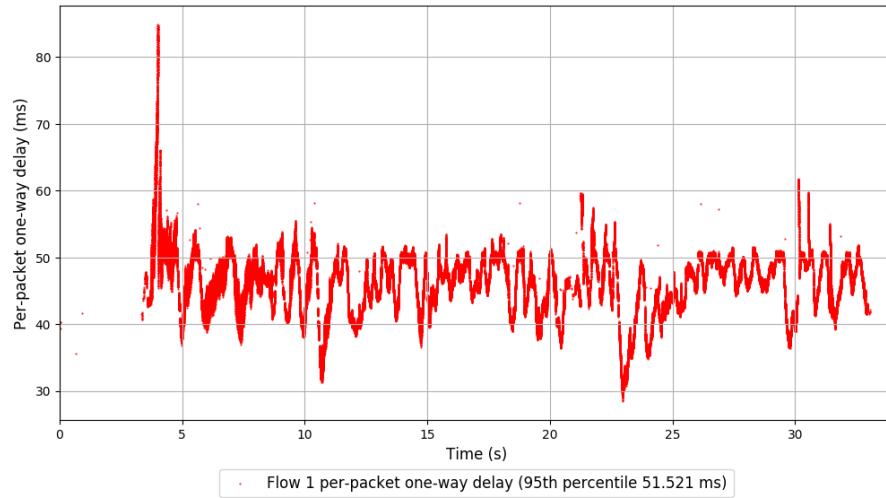
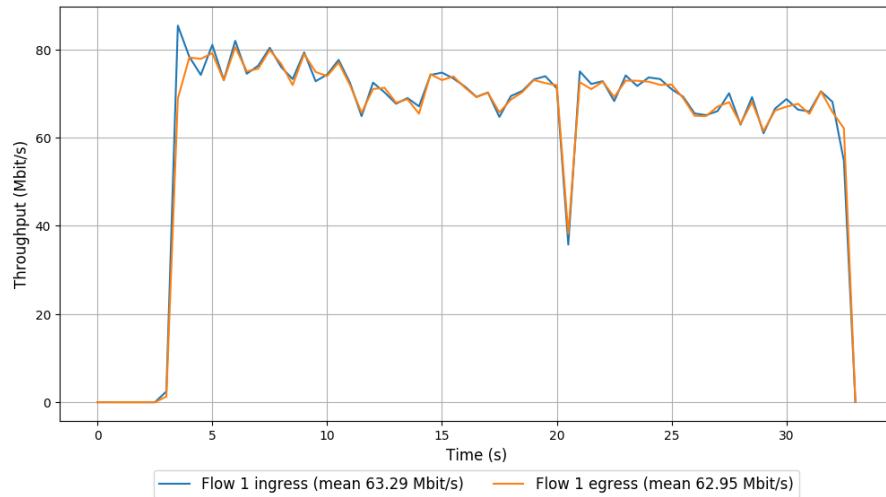


Run 1: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:19:00 +0000
End at: Thu, 15 Jun 2017 23:19:30 +0000
Local clock offset: -0.587 ms
Remote clock offset: -17.964 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:58:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.95 Mbit/s
95th percentile per-packet one-way delay: 51.521 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 62.95 Mbit/s
95th percentile per-packet one-way delay: 51.521 ms
Loss rate: 0.54%
```

Run 1: Report of TCP BBR — Data Link

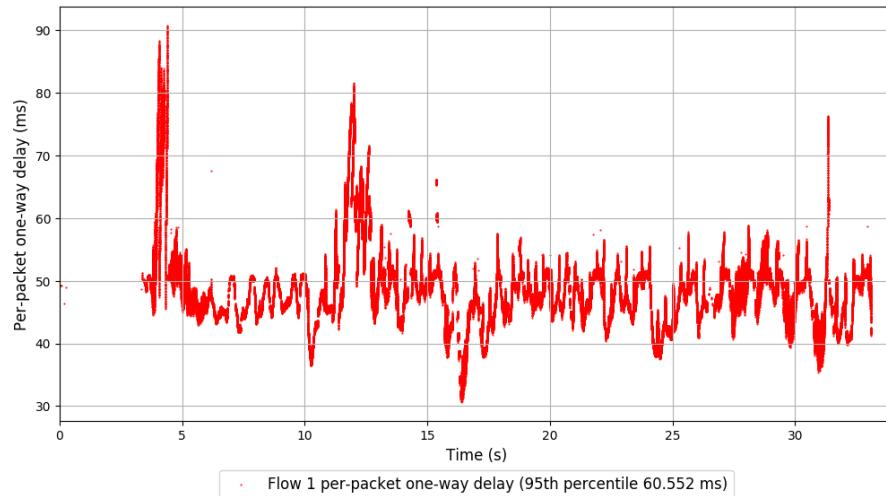
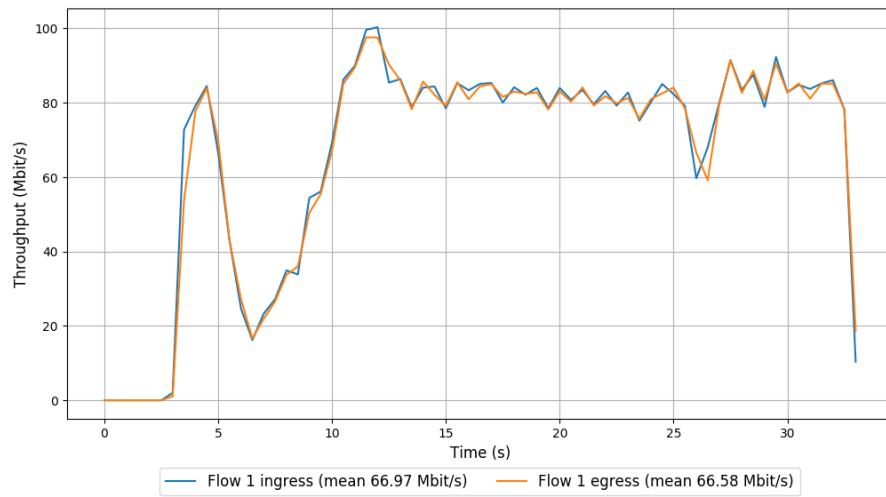


Run 2: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:36:23 +0000
End at: Thu, 15 Jun 2017 23:36:53 +0000
Local clock offset: 0.503 ms
Remote clock offset: -18.183 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:58:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.58 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 66.58 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 0.70%
```

Run 2: Report of TCP BBR — Data Link

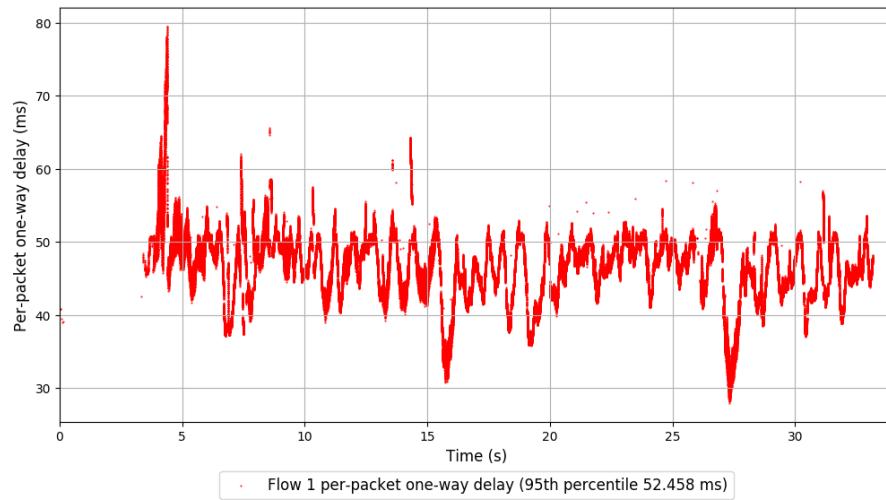
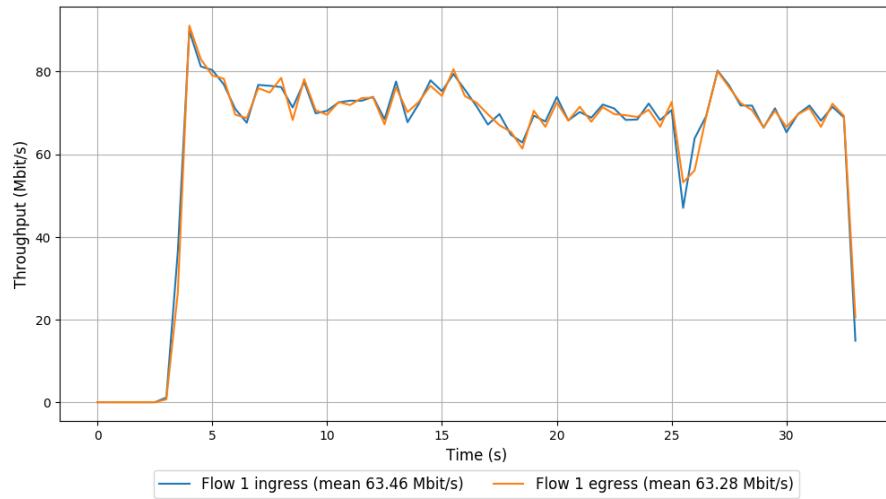


Run 3: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:53:44 +0000
End at: Thu, 15 Jun 2017 23:54:14 +0000
Local clock offset: -1.442 ms
Remote clock offset: -18.667 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:59:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.28 Mbit/s
95th percentile per-packet one-way delay: 52.458 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 63.28 Mbit/s
95th percentile per-packet one-way delay: 52.458 ms
Loss rate: 0.32%
```

Run 3: Report of TCP BBR — Data Link

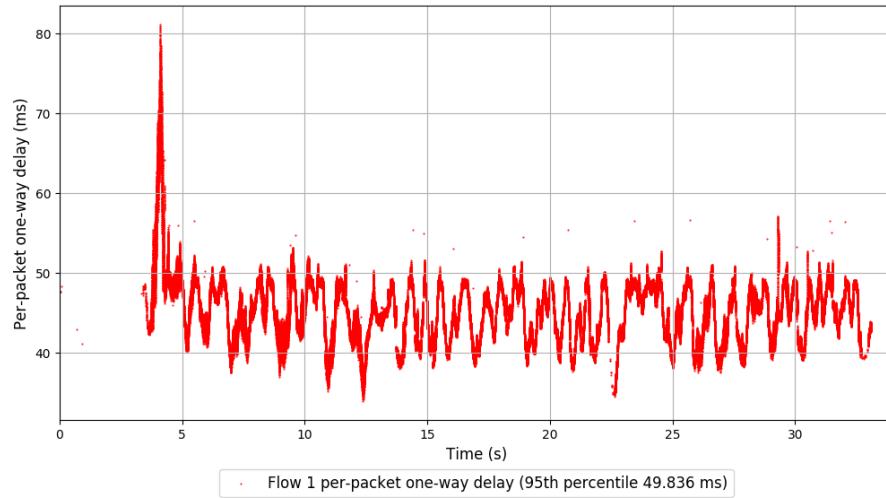
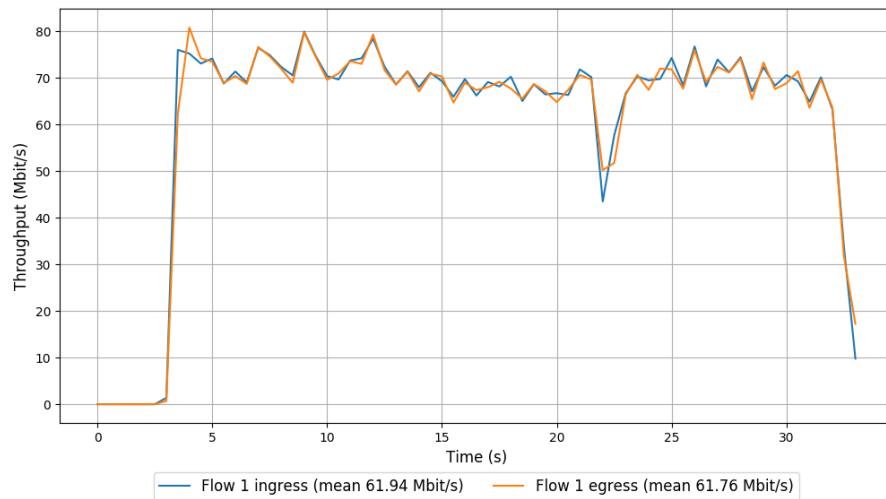


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:11:18 +0000
End at: Fri, 16 Jun 2017 00:11:48 +0000
Local clock offset: -1.539 ms
Remote clock offset: -19.484 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:59:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 49.836 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 49.836 ms
Loss rate: 0.45%
```

Run 4: Report of TCP BBR — Data Link

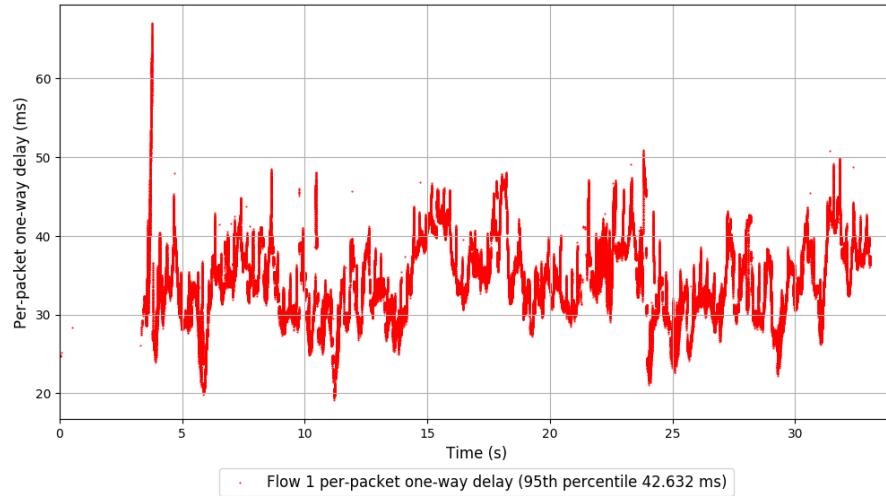
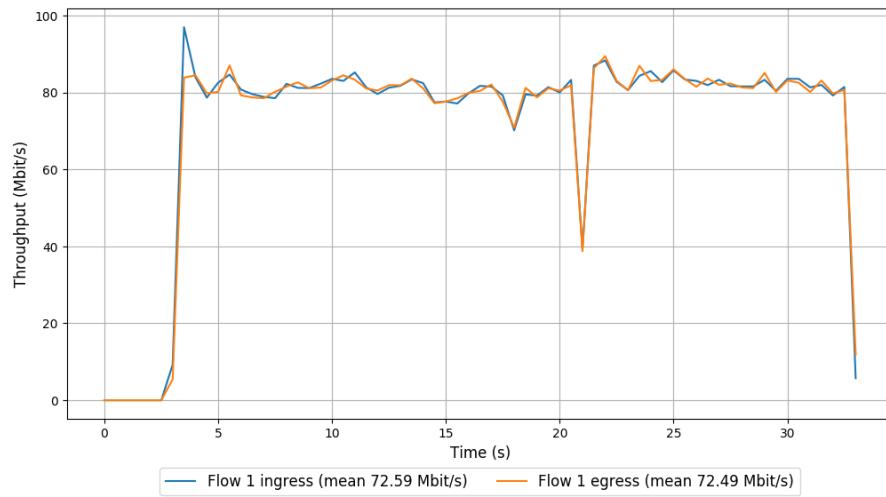


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:29:05 +0000
End at: Fri, 16 Jun 2017 00:29:35 +0000
Local clock offset: -2.993 ms
Remote clock offset: -3.907 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 42.632 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 42.632 ms
Loss rate: 0.24%
```

Run 5: Report of TCP BBR — Data Link

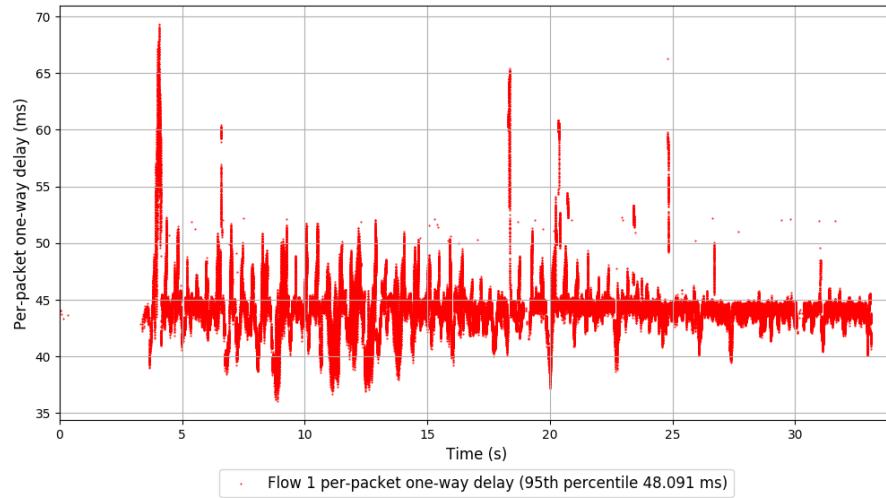
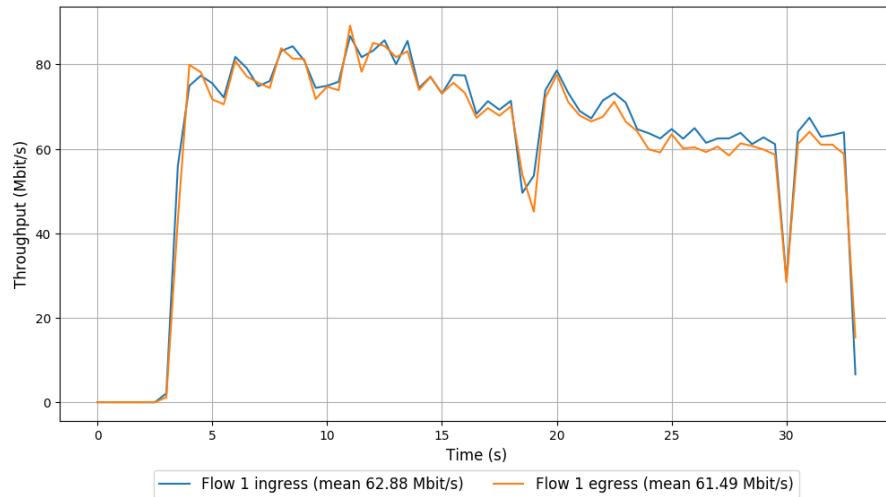


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:46:50 +0000
End at: Fri, 16 Jun 2017 00:47:20 +0000
Local clock offset: -5.123 ms
Remote clock offset: -16.988 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 48.091 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 48.091 ms
Loss rate: 2.35%
```

Run 6: Report of TCP BBR — Data Link

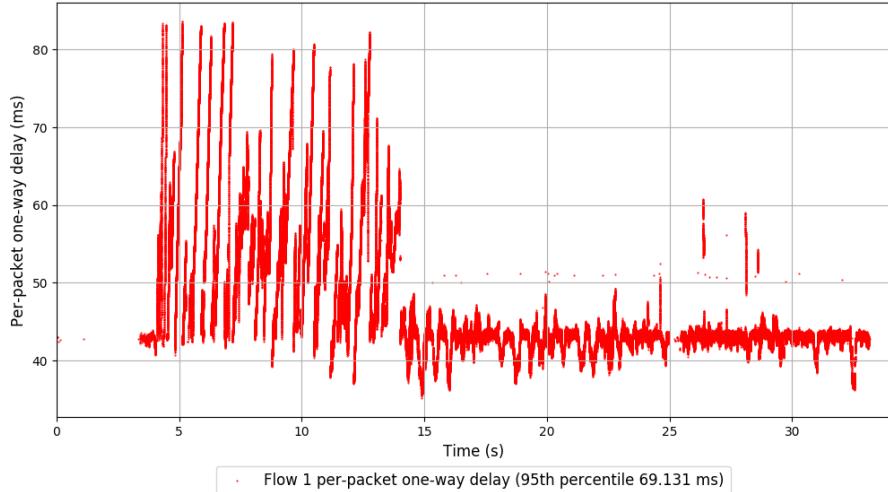
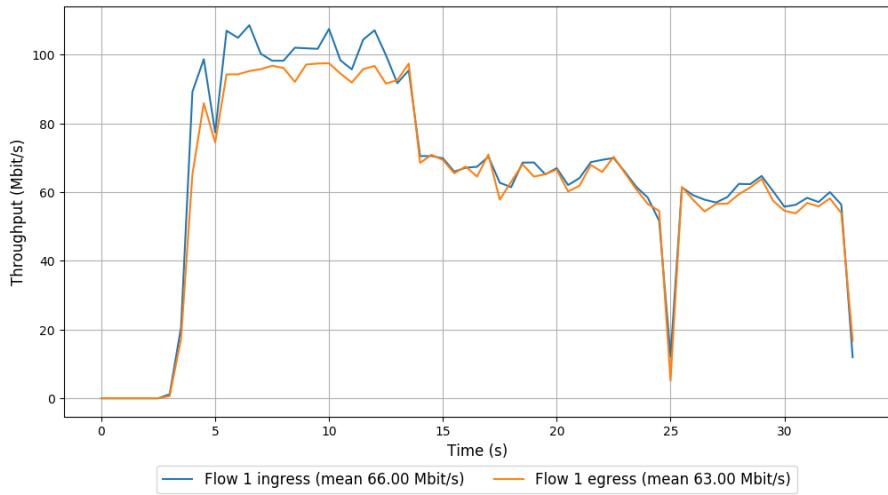


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:04:09 +0000
End at: Fri, 16 Jun 2017 01:04:39 +0000
Local clock offset: -6.116 ms
Remote clock offset: -20.487 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:00:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.00 Mbit/s
95th percentile per-packet one-way delay: 69.131 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 63.00 Mbit/s
95th percentile per-packet one-way delay: 69.131 ms
Loss rate: 4.54%
```

Run 7: Report of TCP BBR — Data Link

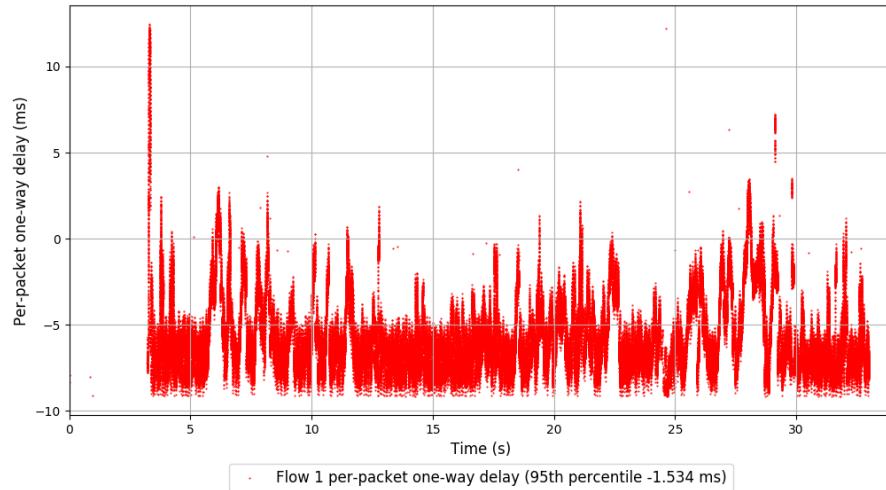
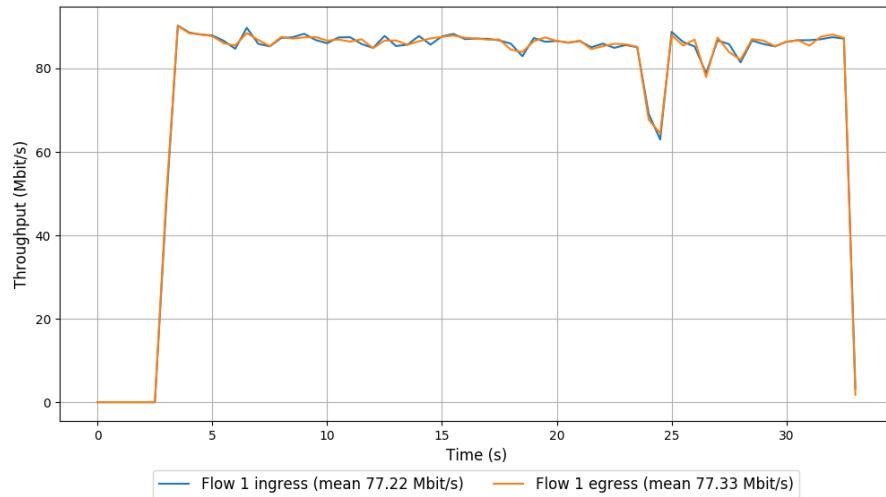


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:21:44 +0000
End at: Fri, 16 Jun 2017 01:22:14 +0000
Local clock offset: -7.26 ms
Remote clock offset: 3.935 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:00:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: -1.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: -1.534 ms
Loss rate: 0.00%
```

Run 8: Report of TCP BBR — Data Link

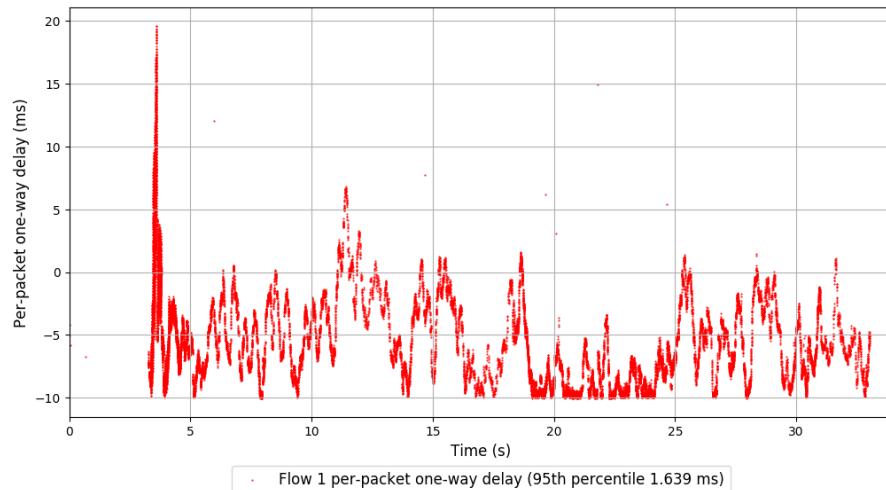
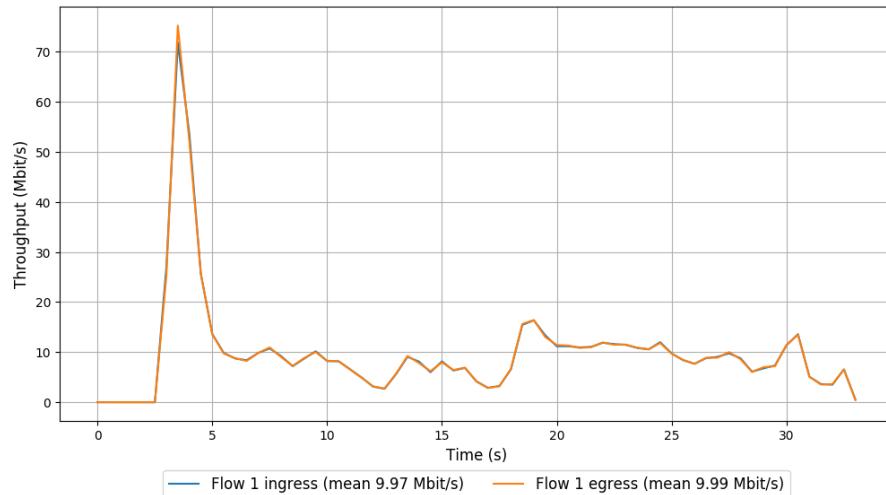


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:39:41 +0000
End at: Fri, 16 Jun 2017 01:40:11 +0000
Local clock offset: -8.018 ms
Remote clock offset: 3.623 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:00:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%
```

Run 9: Report of TCP BBR — Data Link

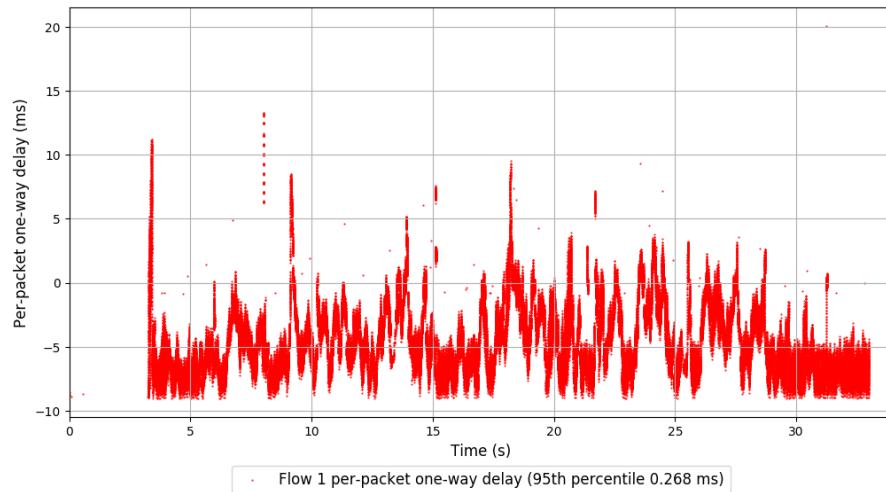
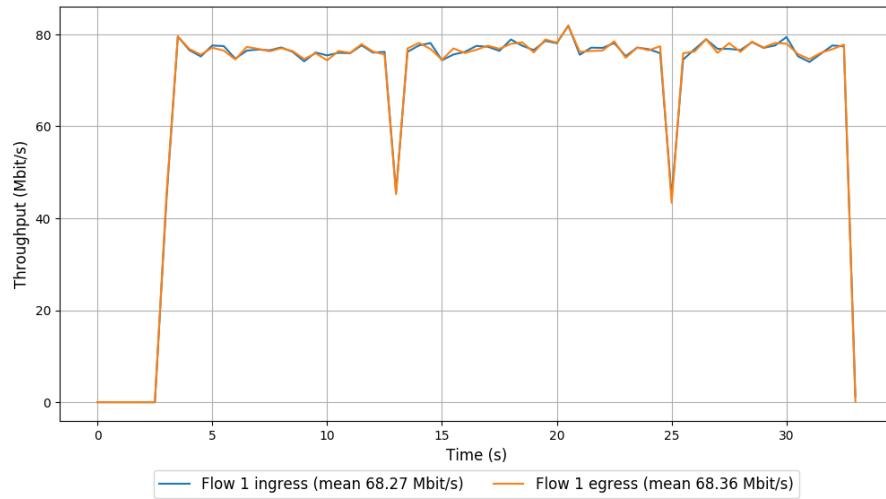


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:57:47 +0000
End at: Fri, 16 Jun 2017 01:58:17 +0000
Local clock offset: -7.965 ms
Remote clock offset: 3.163 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 0.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 0.268 ms
Loss rate: 0.00%
```

Run 10: Report of TCP BBR — Data Link

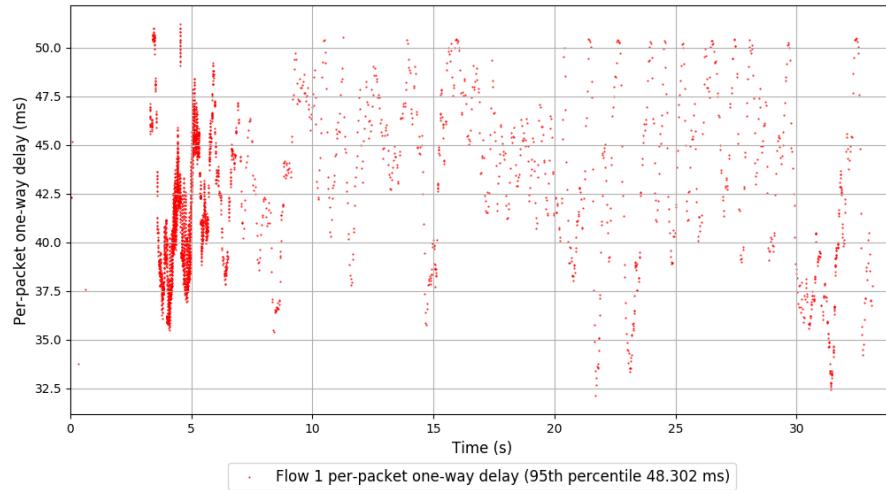
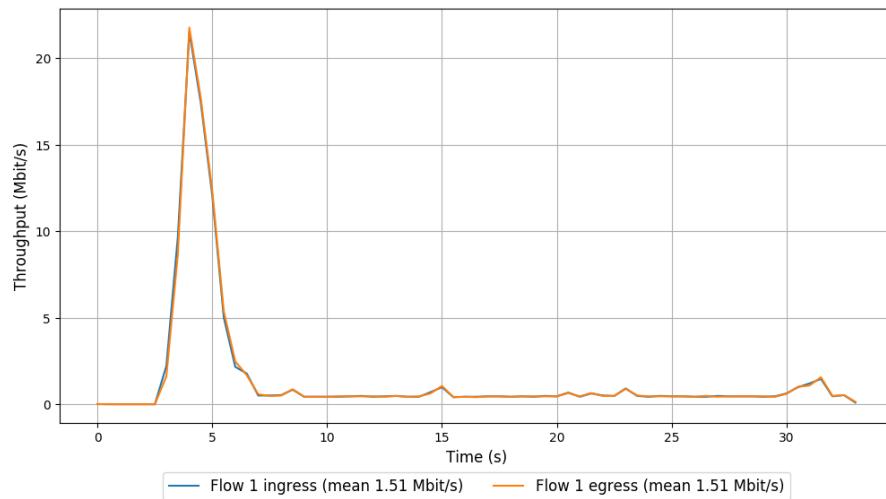


```
Run 1: Statistics of CalibratedKoho

Start at: Thu, 15 Jun 2017 23:27:07 +0000
End at: Thu, 15 Jun 2017 23:27:37 +0000
Local clock offset: 0.069 ms
Remote clock offset: -20.442 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 48.302 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 48.302 ms
Loss rate: 0.14%
```

Run 1: Report of CalibratedKoho — Data Link

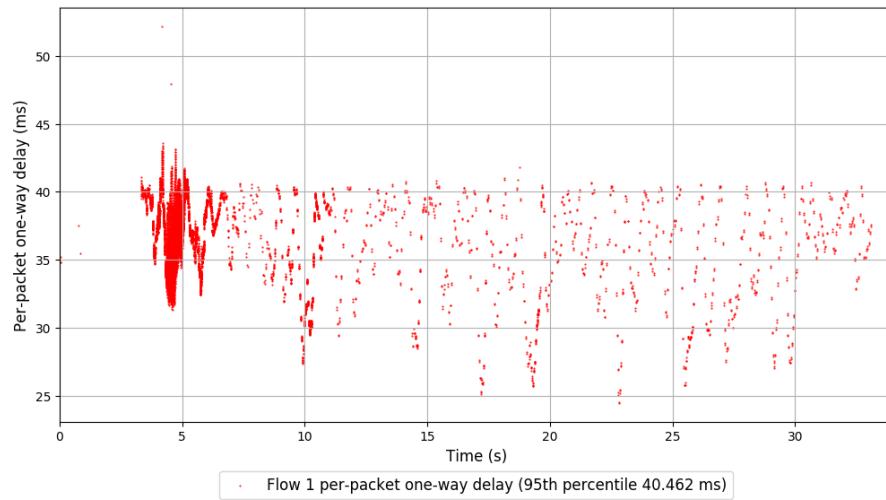
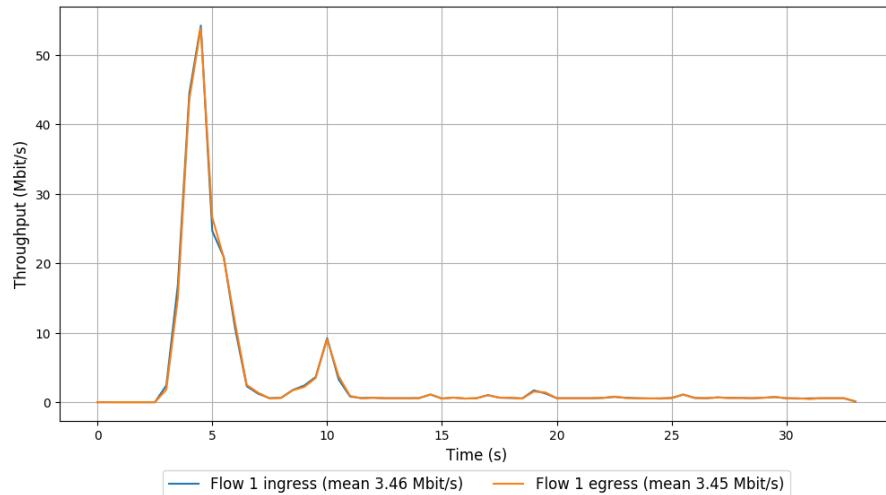


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Thu, 15 Jun 2017 23:44:29 +0000
End at: Thu, 15 Jun 2017 23:44:59 +0000
Local clock offset: 0.663 ms
Remote clock offset: -17.03 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 40.462 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 40.462 ms
Loss rate: 0.41%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 00:01:56 +0000
```

```
End at: Fri, 16 Jun 2017 00:02:26 +0000
```

```
Local clock offset: 0.504 ms
```

```
Remote clock offset: -14.345 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 3.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.765 ms
```

```
Loss rate: 0.34%
```

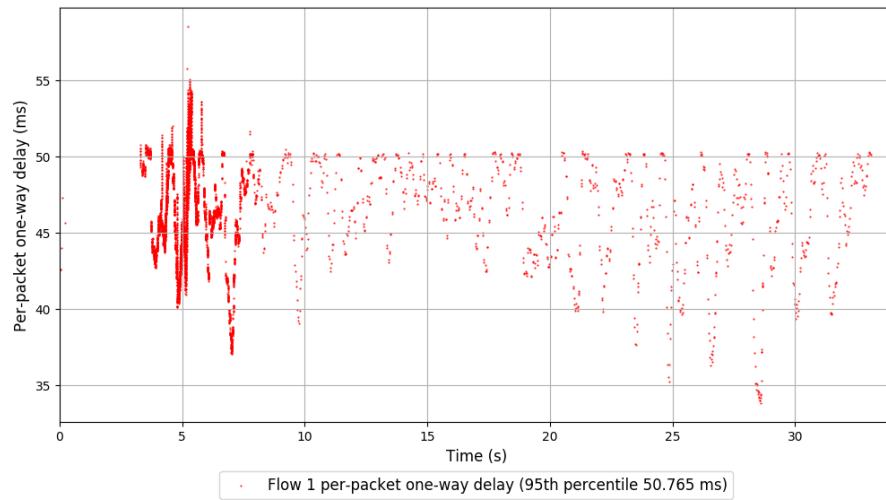
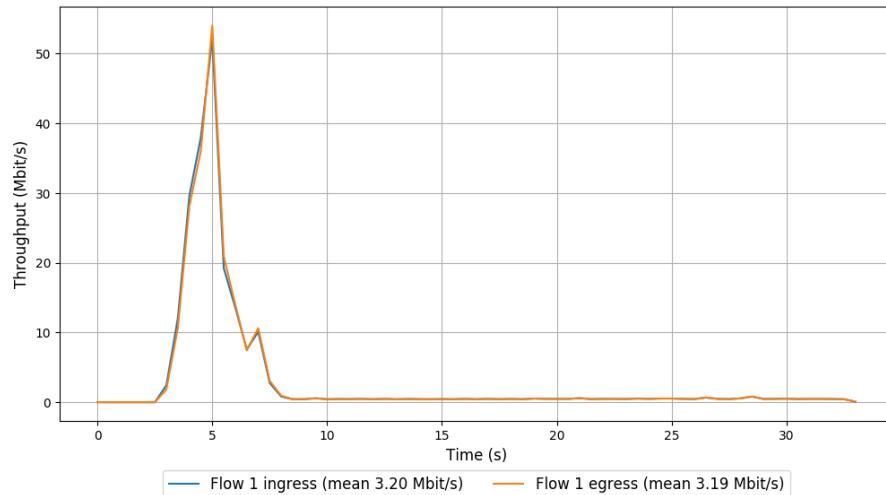
```
-- Flow 1:
```

```
Average throughput: 3.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.765 ms
```

```
Loss rate: 0.34%
```

Run 3: Report of CalibratedKoho — Data Link

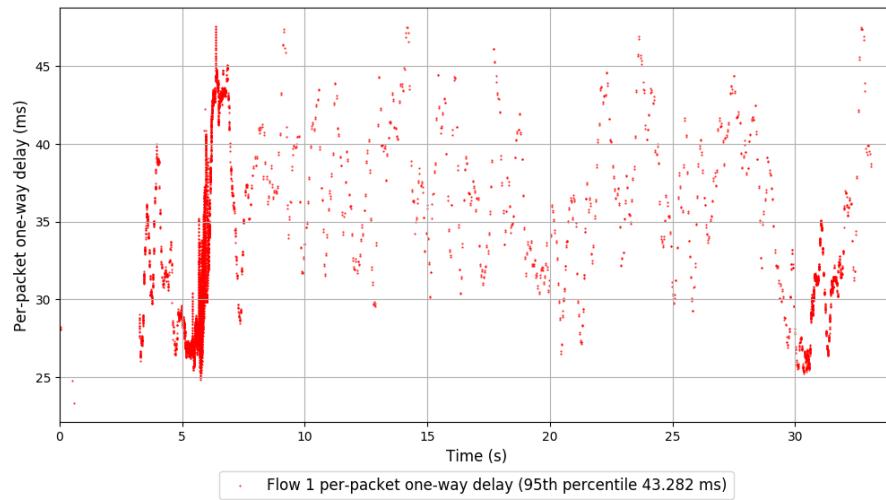
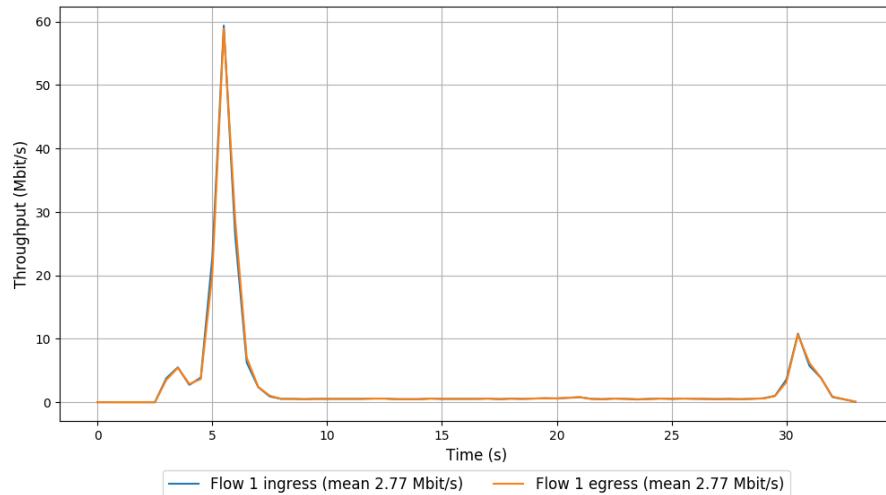


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 00:19:29 +0000
End at: Fri, 16 Jun 2017 00:19:59 +0000
Local clock offset: -1.97 ms
Remote clock offset: -13.362 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 43.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 43.282 ms
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 00:37:23 +0000
```

```
End at: Fri, 16 Jun 2017 00:37:53 +0000
```

```
Local clock offset: -3.758 ms
```

```
Remote clock offset: -10.823 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.39 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.848 ms
```

```
Loss rate: 0.02%
```

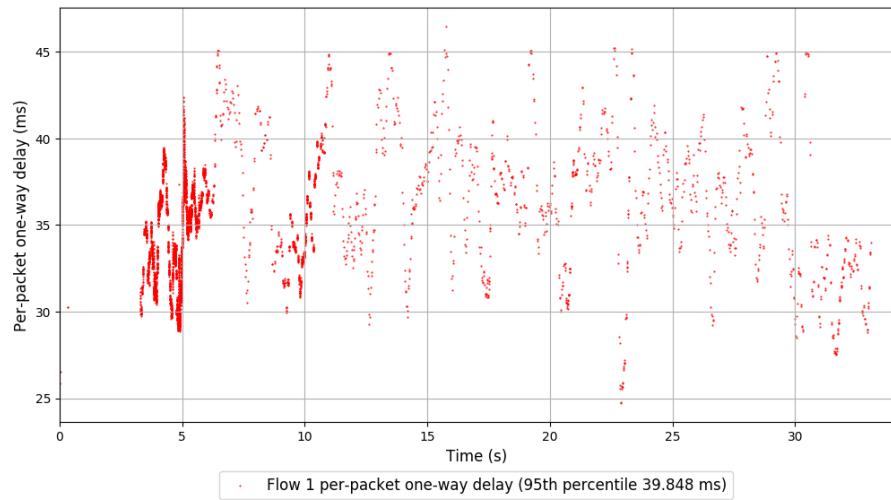
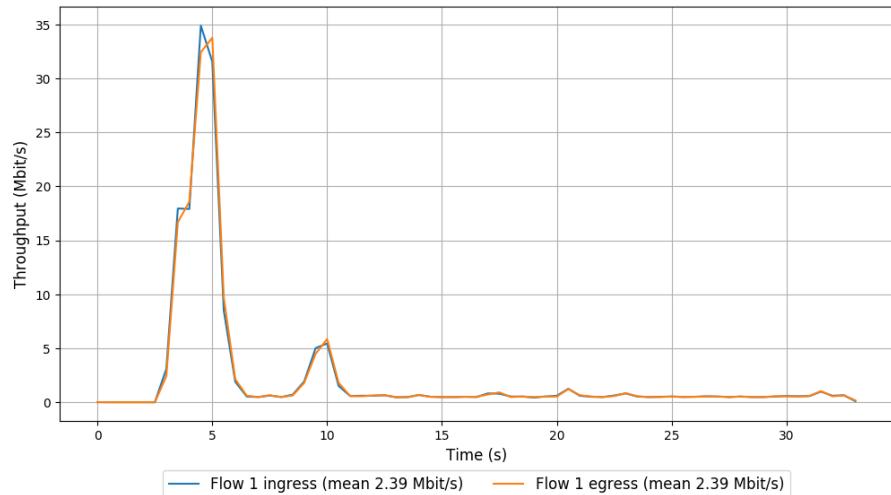
```
-- Flow 1:
```

```
Average throughput: 2.39 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.848 ms
```

```
Loss rate: 0.02%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 00:55:03 +0000
```

```
End at: Fri, 16 Jun 2017 00:55:33 +0000
```

```
Local clock offset: -6.538 ms
```

```
Remote clock offset: -17.396 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:01:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 3.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 33.349 ms
```

```
Loss rate: 1.69%
```

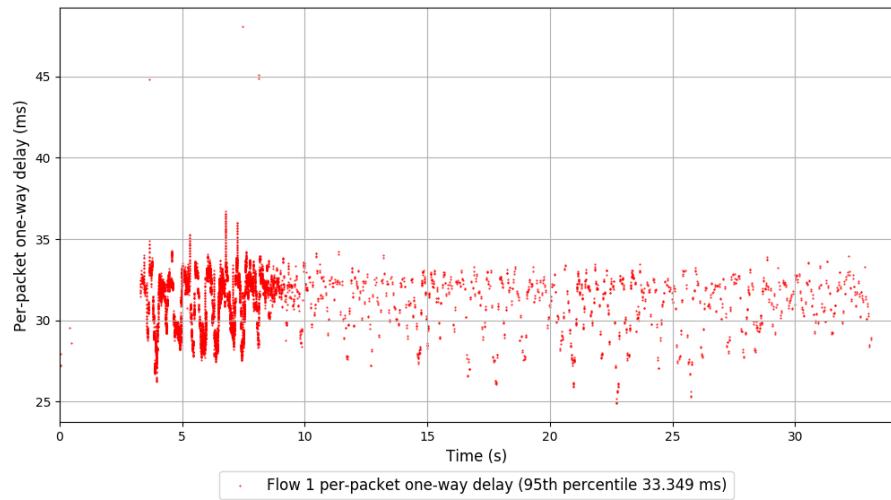
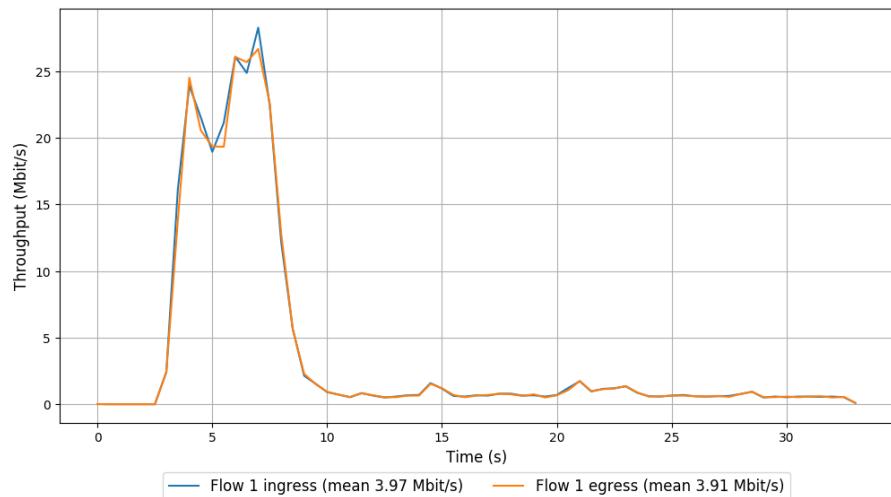
```
-- Flow 1:
```

```
Average throughput: 3.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 33.349 ms
```

```
Loss rate: 1.69%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 01:12:22 +0000

End at: Fri, 16 Jun 2017 01:12:52 +0000

Local clock offset: -6.559 ms

Remote clock offset: -18.985 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:01:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.63 Mbit/s

95th percentile per-packet one-way delay: 44.984 ms

Loss rate: 1.12%

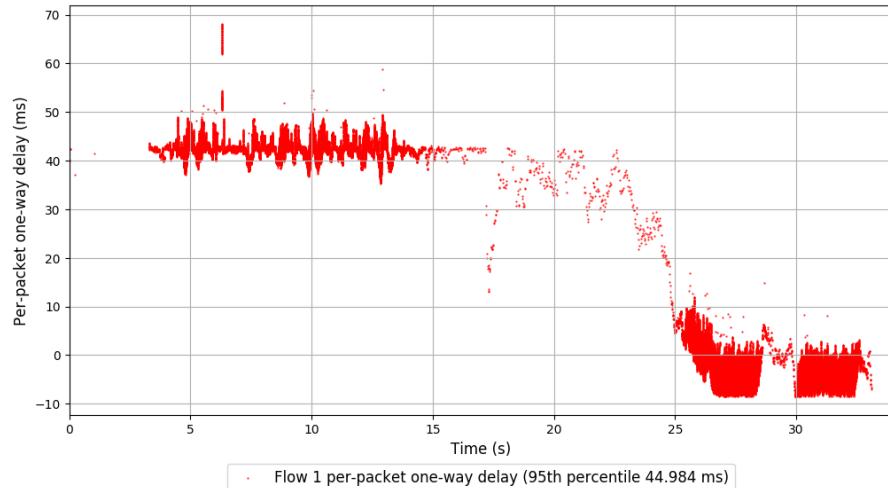
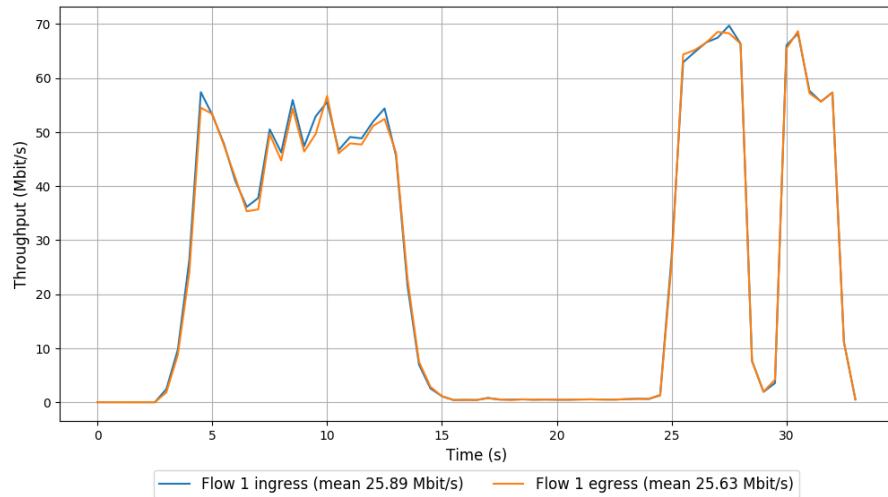
-- Flow 1:

Average throughput: 25.63 Mbit/s

95th percentile per-packet one-way delay: 44.984 ms

Loss rate: 1.12%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 01:30:04 +0000

End at: Fri, 16 Jun 2017 01:30:34 +0000

Local clock offset: -7.716 ms

Remote clock offset: 2.622 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:01:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.26 Mbit/s

95th percentile per-packet one-way delay: 2.145 ms

Loss rate: 0.00%

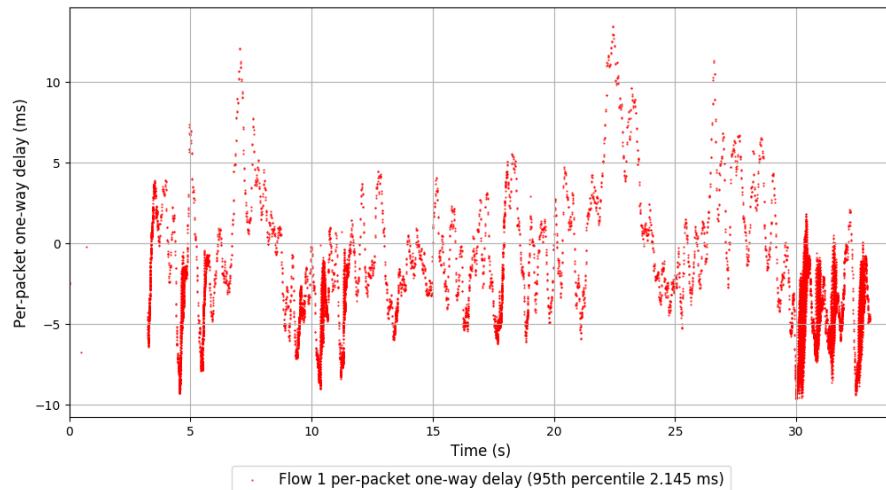
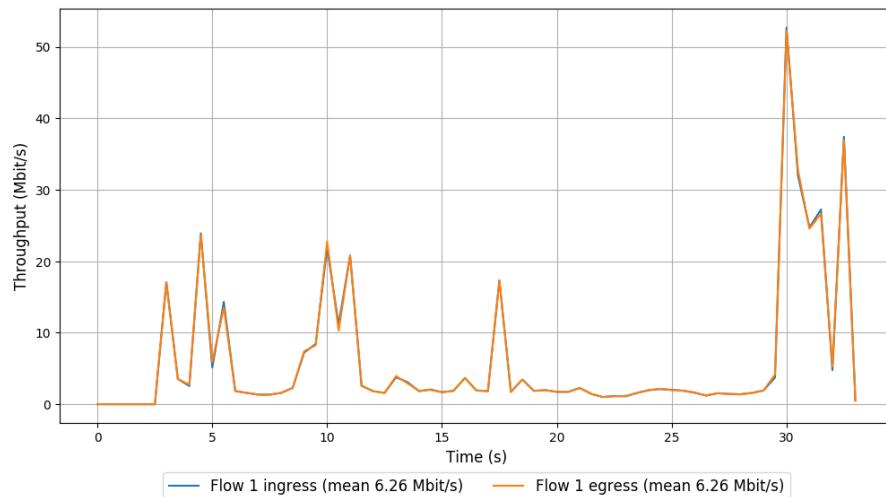
-- Flow 1:

Average throughput: 6.26 Mbit/s

95th percentile per-packet one-way delay: 2.145 ms

Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 01:47:54 +0000

End at: Fri, 16 Jun 2017 01:48:24 +0000

Local clock offset: -8.147 ms

Remote clock offset: 3.837 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:01:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.73 Mbit/s

95th percentile per-packet one-way delay: -0.782 ms

Loss rate: 0.00%

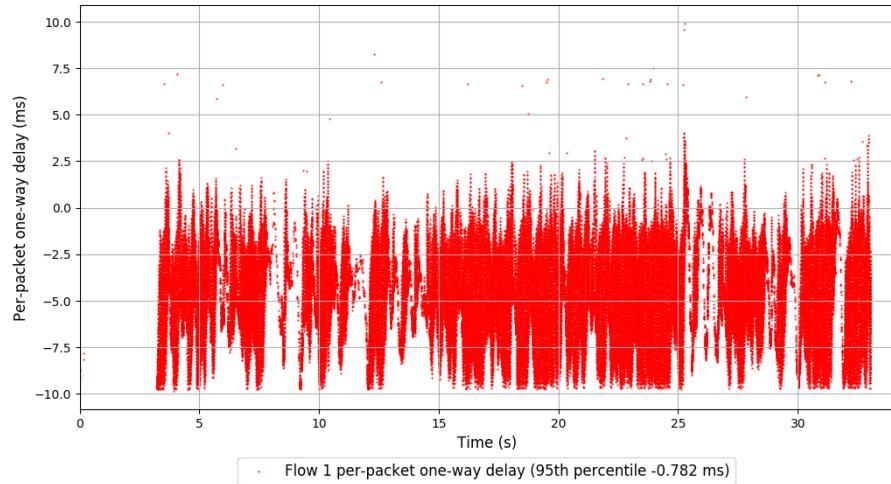
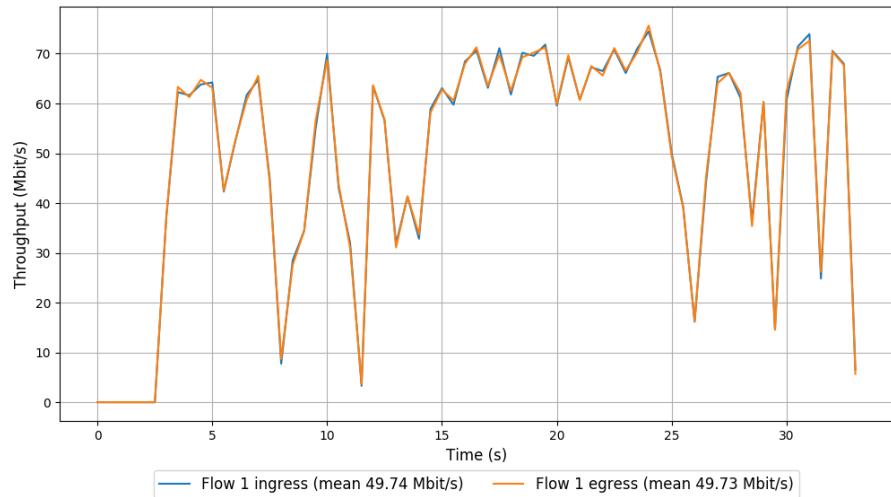
-- Flow 1:

Average throughput: 49.73 Mbit/s

95th percentile per-packet one-way delay: -0.782 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:06:27 +0000
```

```
End at: Fri, 16 Jun 2017 02:06:57 +0000
```

```
Local clock offset: -12.447 ms
```

```
Remote clock offset: 2.713 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:05 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 54.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.519 ms
```

```
Loss rate: 0.00%
```

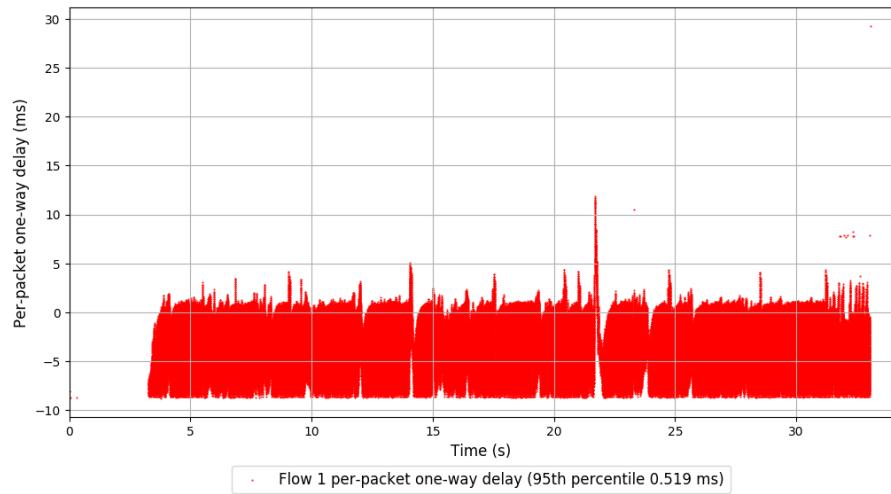
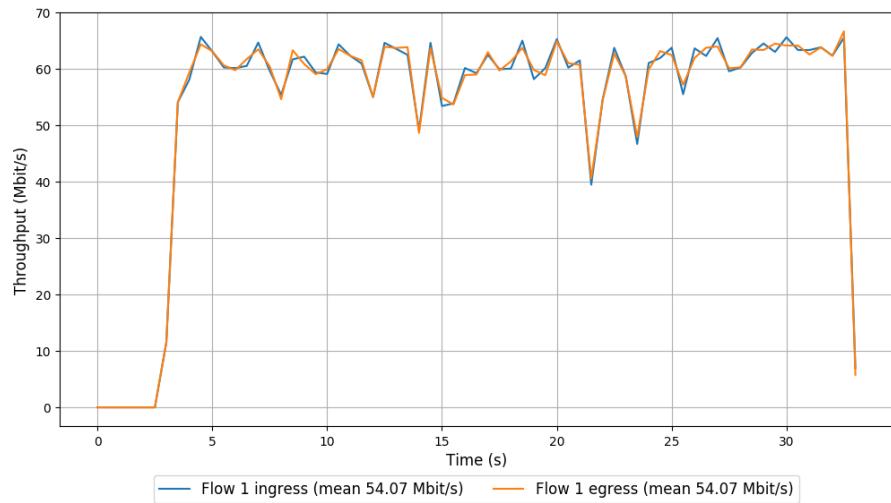
```
-- Flow 1:
```

```
Average throughput: 54.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.519 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Thu, 15 Jun 2017 23:23:48 +0000
End at: Thu, 15 Jun 2017 23:24:18 +0000
Local clock offset: -0.154 ms
Remote clock offset: -16.572 ms

Run 1: Report of Copa — Data Link

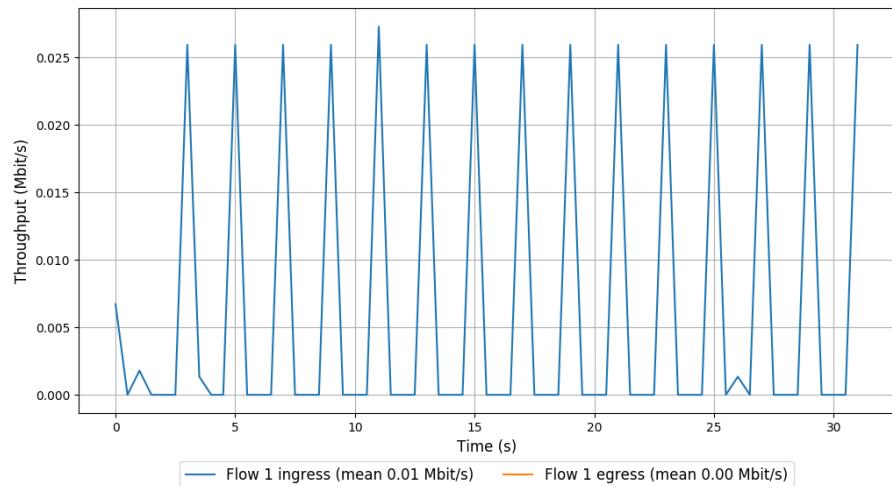


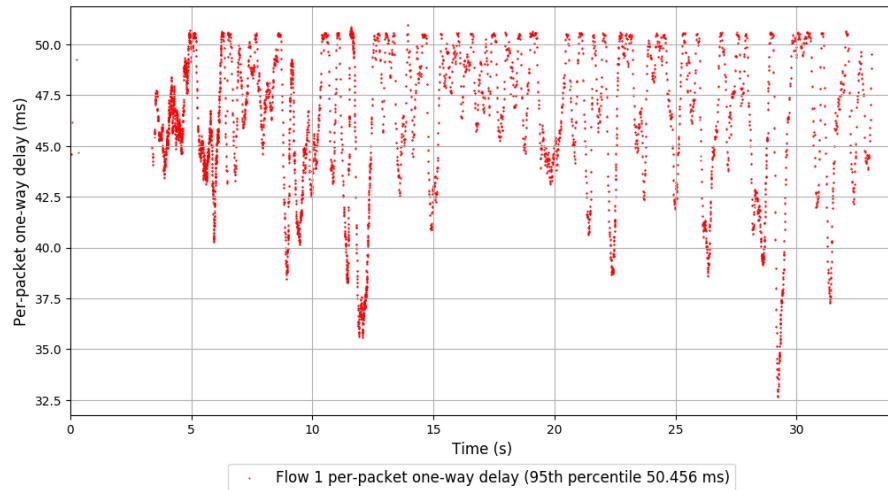
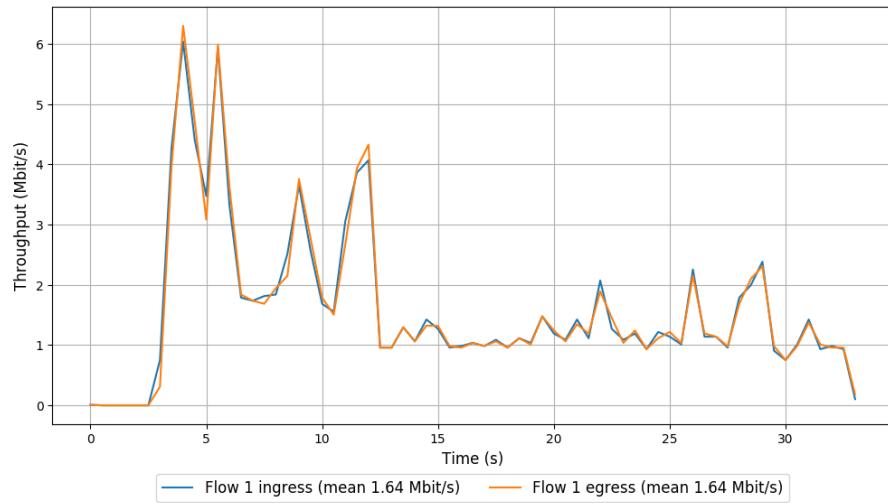
Figure is missing

Run 2: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:41:07 +0000
End at: Thu, 15 Jun 2017 23:41:37 +0000
Local clock offset: 0.601 ms
Remote clock offset: -17.76 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 50.456 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 50.456 ms
Loss rate: 0.25%
```

Run 2: Report of Copa — Data Link

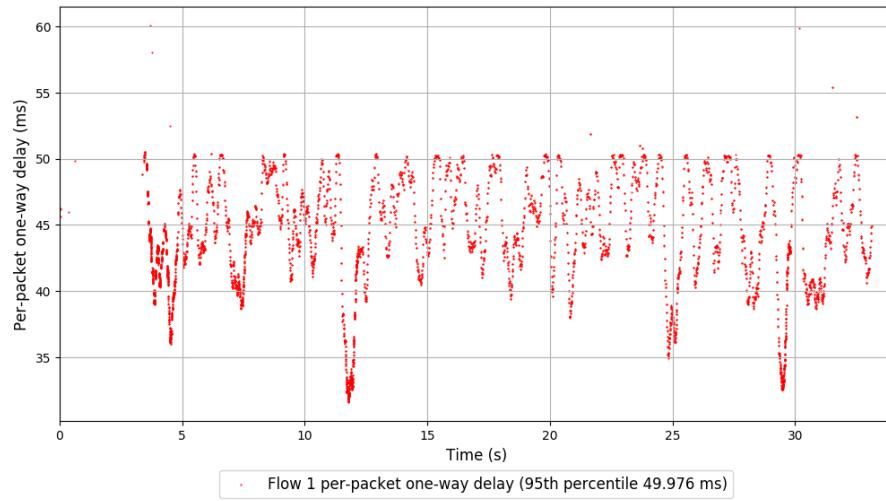
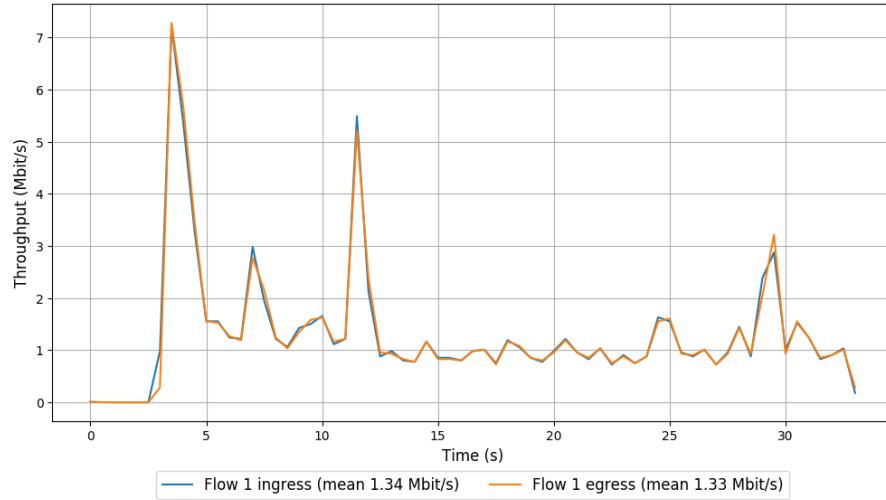


Run 3: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:58:32 +0000
End at: Thu, 15 Jun 2017 23:59:02 +0000
Local clock offset: 0.546 ms
Remote clock offset: -18.874 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 49.976 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 49.976 ms
Loss rate: 0.20%
```

Run 3: Report of Copa — Data Link

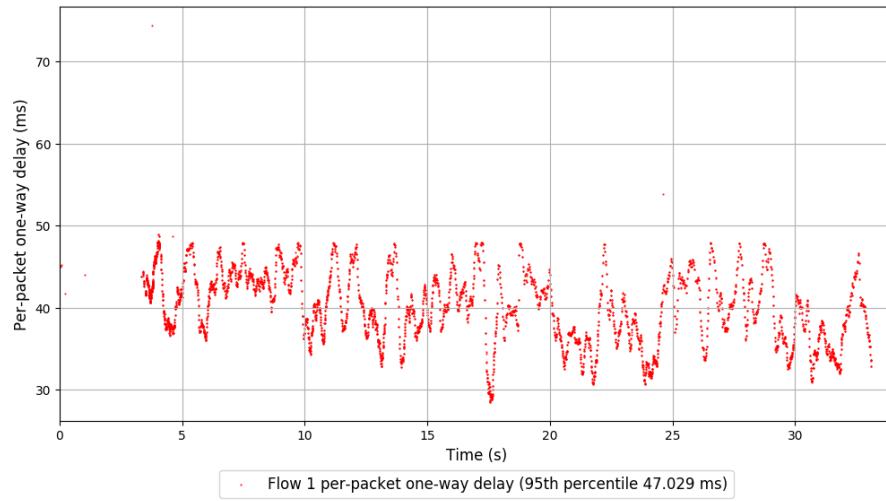
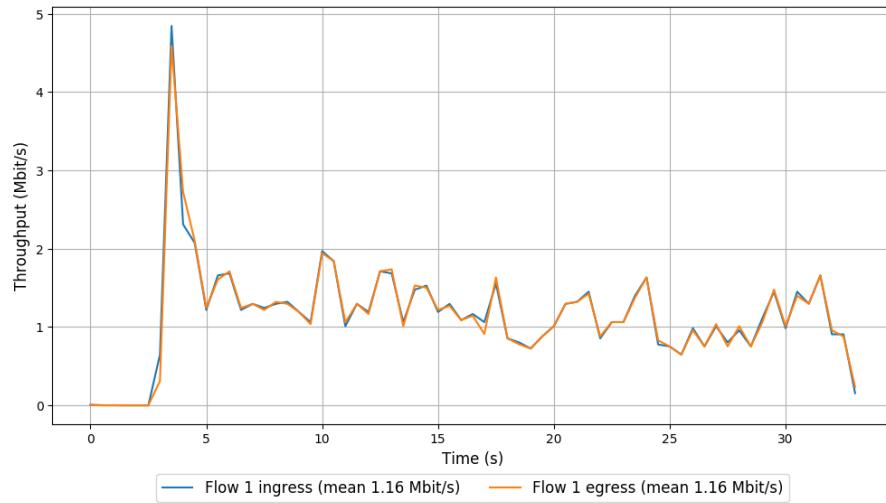


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:16:05 +0000
End at: Fri, 16 Jun 2017 00:16:35 +0000
Local clock offset: -1.659 ms
Remote clock offset: -15.691 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 47.029 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 47.029 ms
Loss rate: 0.26%
```

Run 4: Report of Copa — Data Link

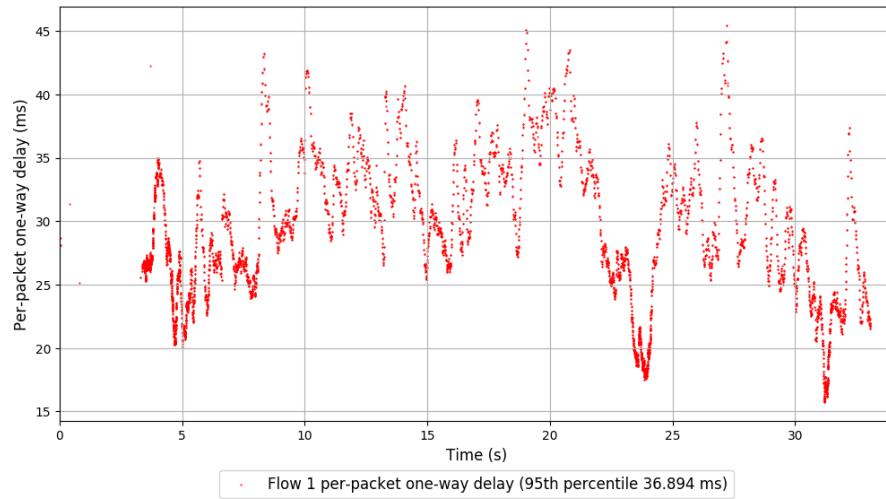
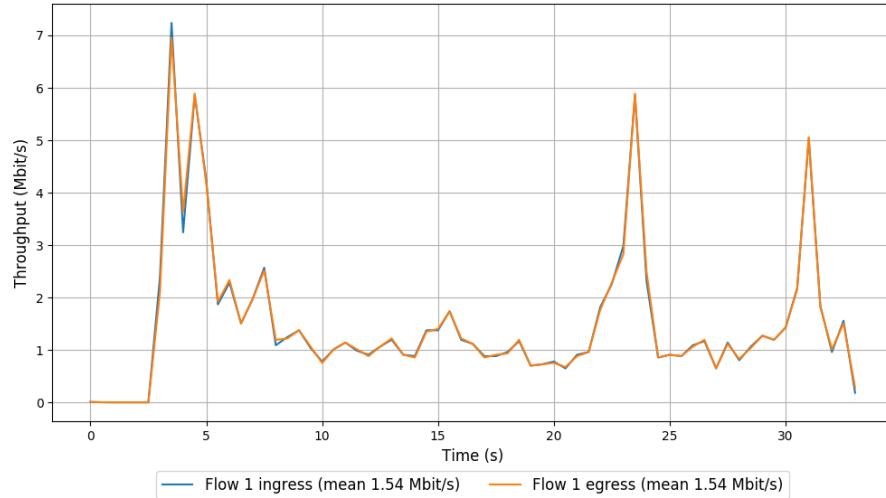


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:33:51 +0000
End at: Fri, 16 Jun 2017 00:34:21 +0000
Local clock offset: -3.383 ms
Remote clock offset: -11.804 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 36.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 36.894 ms
Loss rate: 0.00%
```

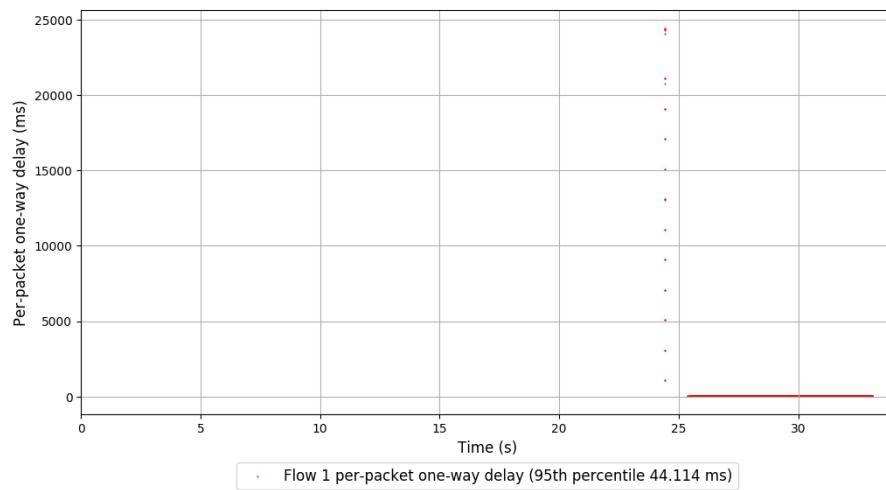
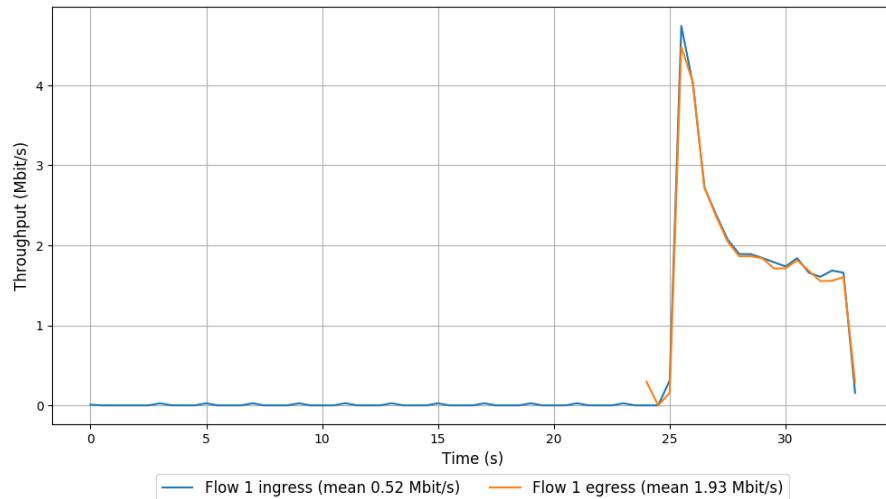
Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:51:44 +0000
End at: Fri, 16 Jun 2017 00:52:14 +0000
Local clock offset: -5.366 ms
Remote clock offset: -21.067 ms
```

Run 6: Report of Copa — Data Link

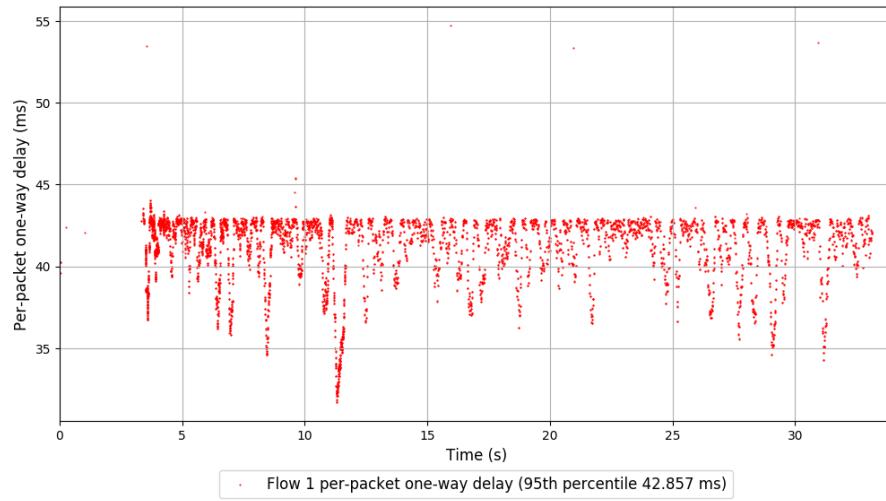
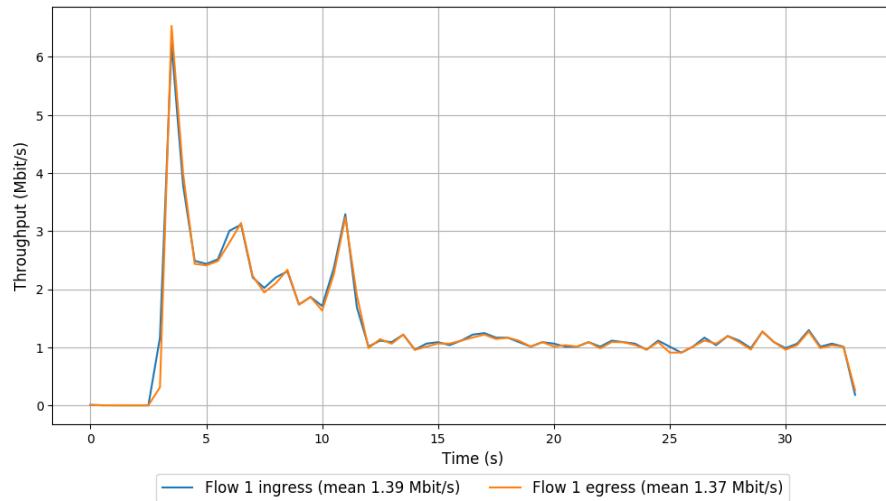


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:09:02 +0000
End at: Fri, 16 Jun 2017 01:09:32 +0000
Local clock offset: -6.349 ms
Remote clock offset: -20.71 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 42.857 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 42.857 ms
Loss rate: 1.40%
```

Run 7: Report of Copa — Data Link

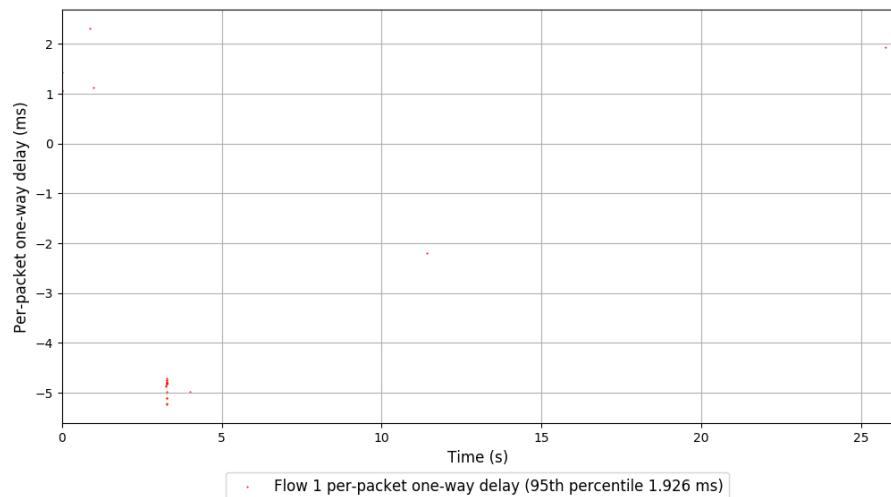
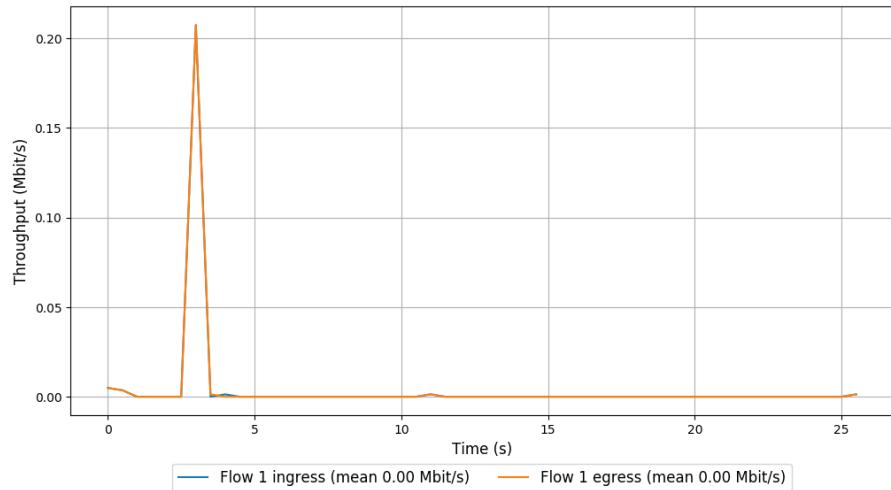


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:26:31 +0000
End at: Fri, 16 Jun 2017 01:27:01 +0000
Local clock offset: -7.46 ms
Remote clock offset: 2.735 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.926 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.926 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

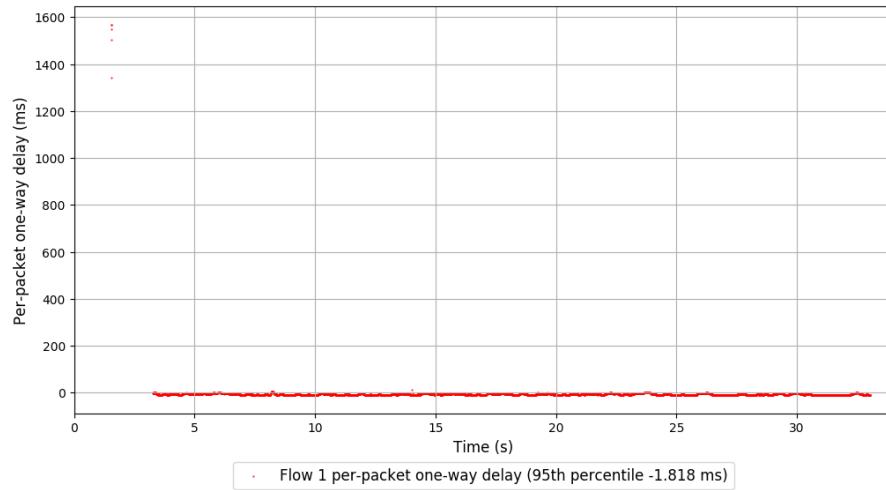
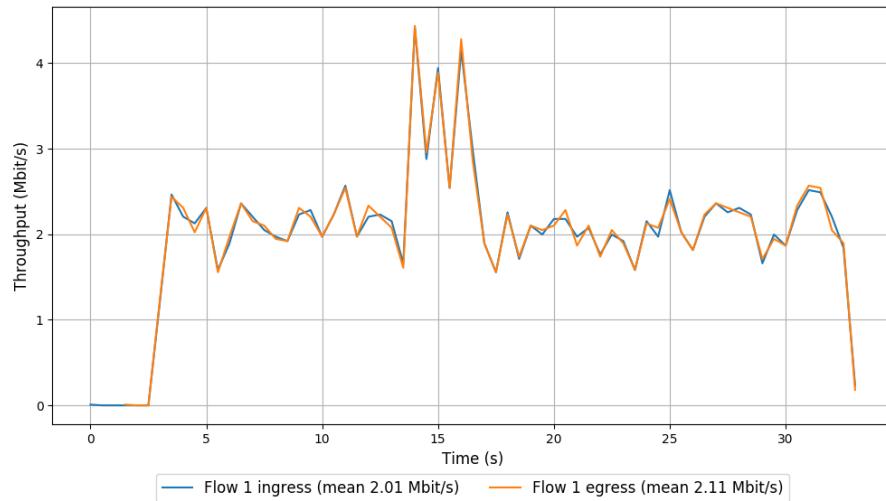


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:44:14 +0000
End at: Fri, 16 Jun 2017 01:44:44 +0000
Local clock offset: -8.205 ms
Remote clock offset: 3.336 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: -1.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: -1.818 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

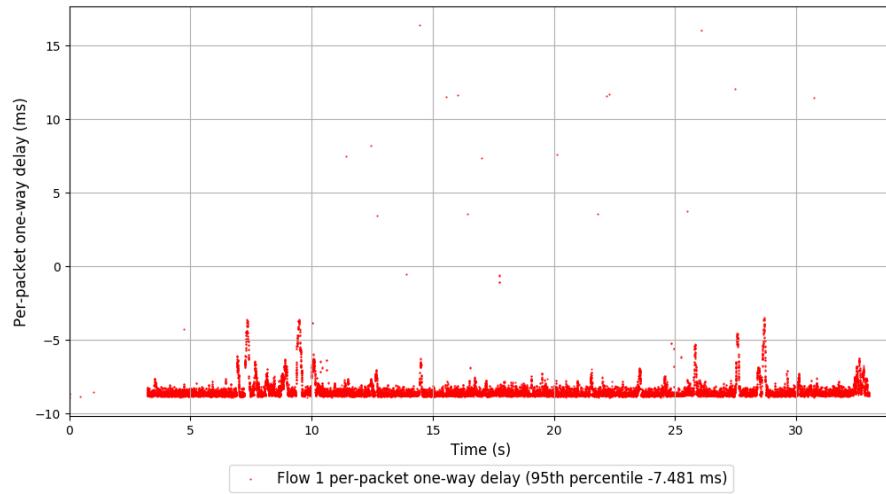
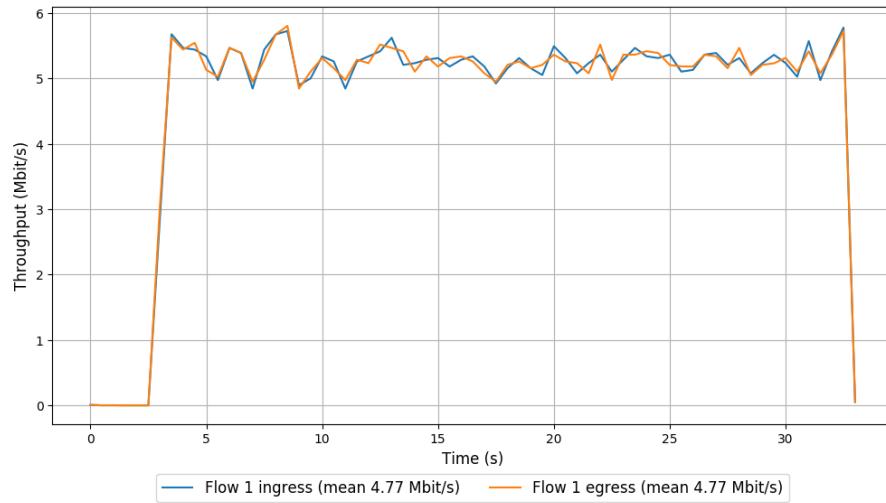


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:02:45 +0000
End at: Fri, 16 Jun 2017 02:03:15 +0000
Local clock offset: -8.086 ms
Remote clock offset: 2.852 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:02:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: -7.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: -7.481 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

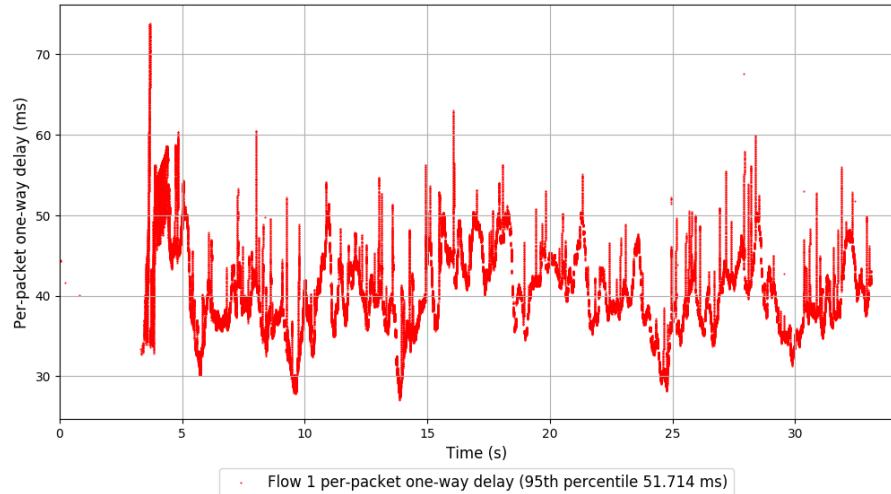
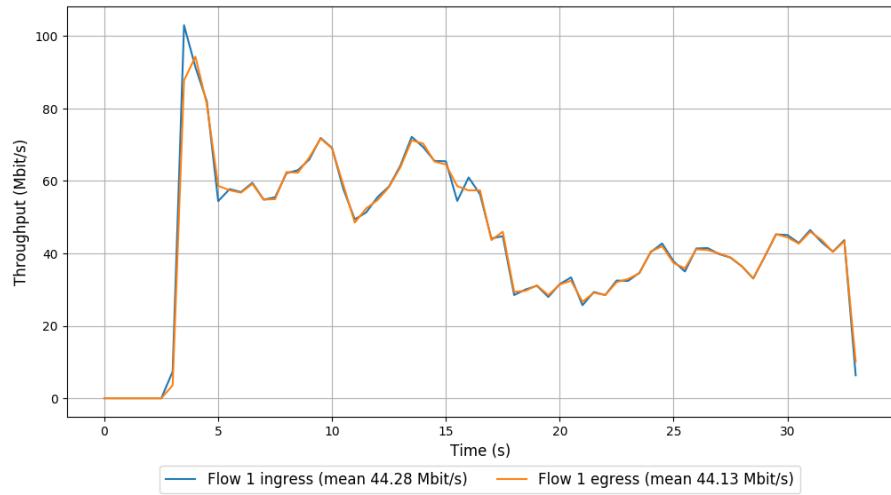


Run 1: Statistics of TCP Cubic

```
Start at: Thu, 15 Jun 2017 23:15:28 +0000
End at: Thu, 15 Jun 2017 23:15:58 +0000
Local clock offset: -1.056 ms
Remote clock offset: -11.988 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 51.714 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 51.714 ms
Loss rate: 0.33%
```

Run 1: Report of TCP Cubic — Data Link

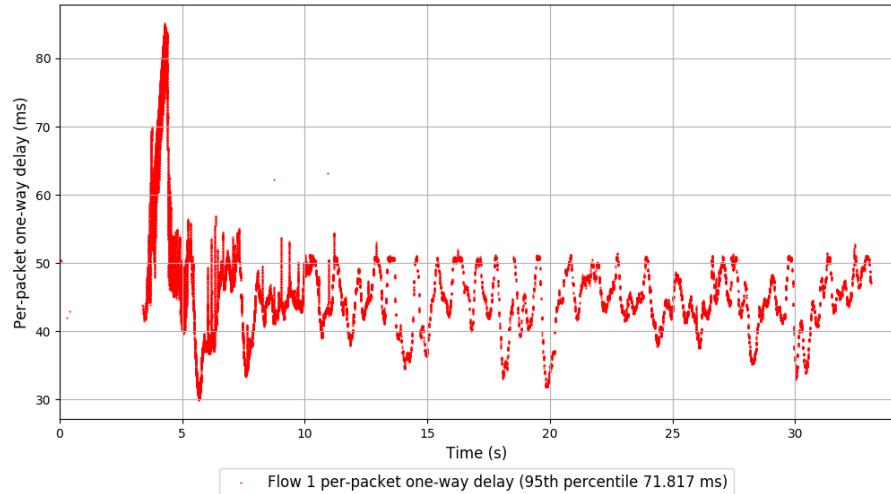
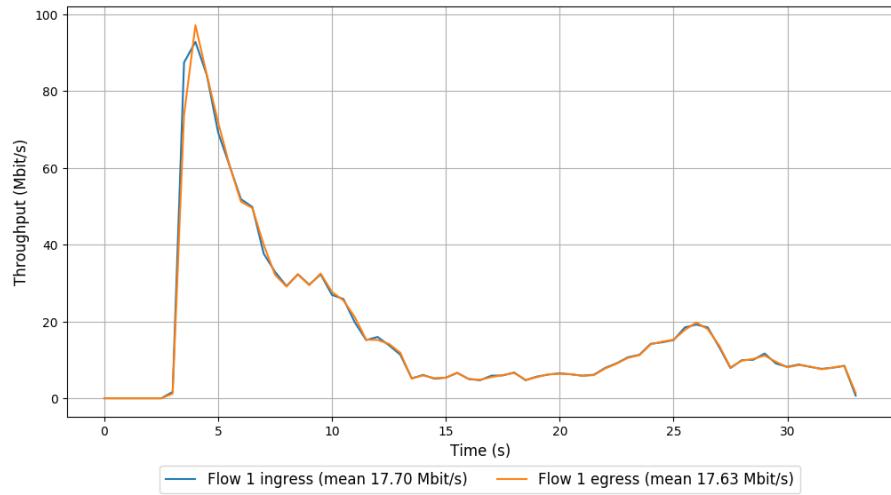


Run 2: Statistics of TCP Cubic

```
Start at: Thu, 15 Jun 2017 23:32:59 +0000
End at: Thu, 15 Jun 2017 23:33:29 +0000
Local clock offset: 0.288 ms
Remote clock offset: -12.091 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 71.817 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 71.817 ms
Loss rate: 0.41%
```

Run 2: Report of TCP Cubic — Data Link

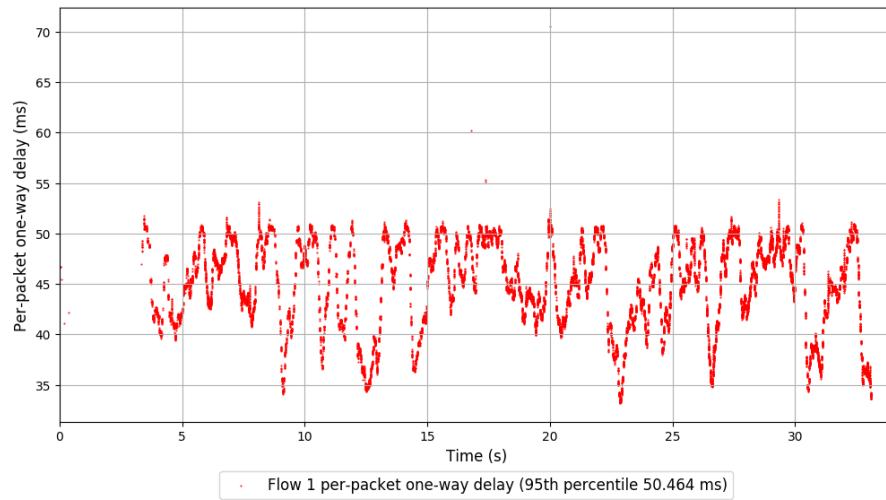
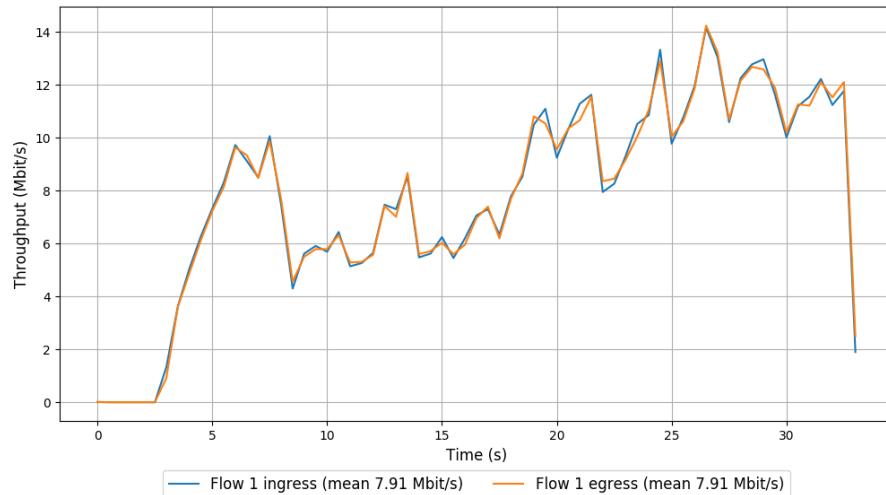


Run 3: Statistics of TCP Cubic

```
Start at: Thu, 15 Jun 2017 23:50:22 +0000
End at: Thu, 15 Jun 2017 23:50:52 +0000
Local clock offset: 0.669 ms
Remote clock offset: -15.326 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 50.464 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 50.464 ms
Loss rate: 0.18%
```

Run 3: Report of TCP Cubic — Data Link

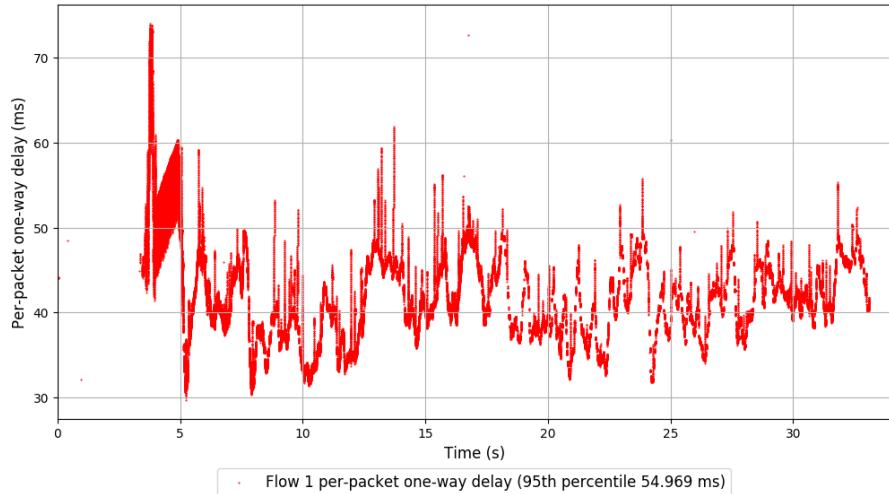
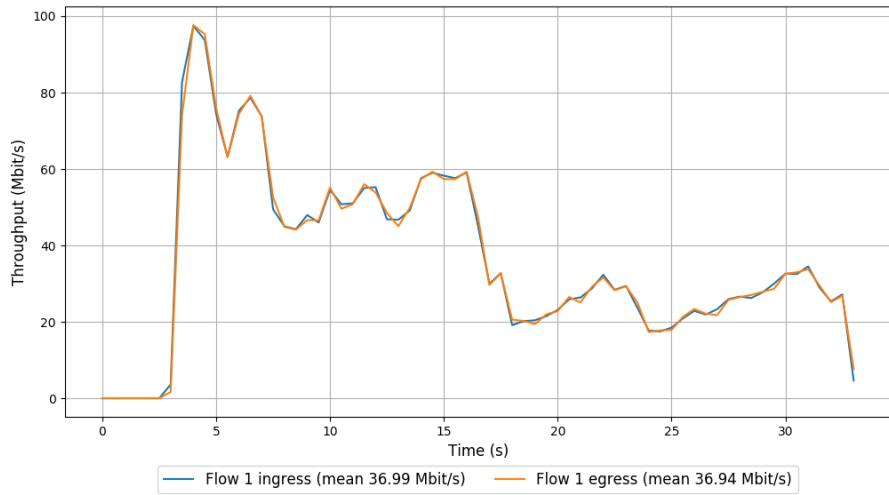


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:07:48 +0000
End at: Fri, 16 Jun 2017 00:08:18 +0000
Local clock offset: -0.757 ms
Remote clock offset: -17.881 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 54.969 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 54.969 ms
Loss rate: 0.15%
```

Run 4: Report of TCP Cubic — Data Link

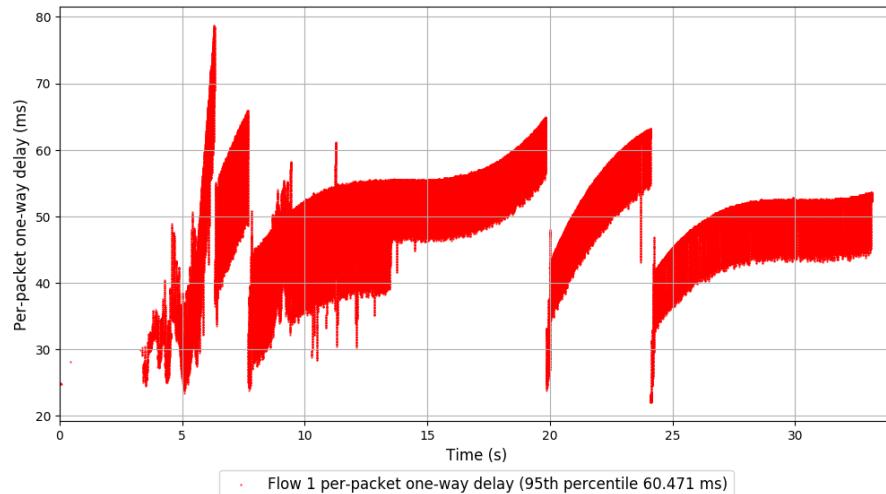
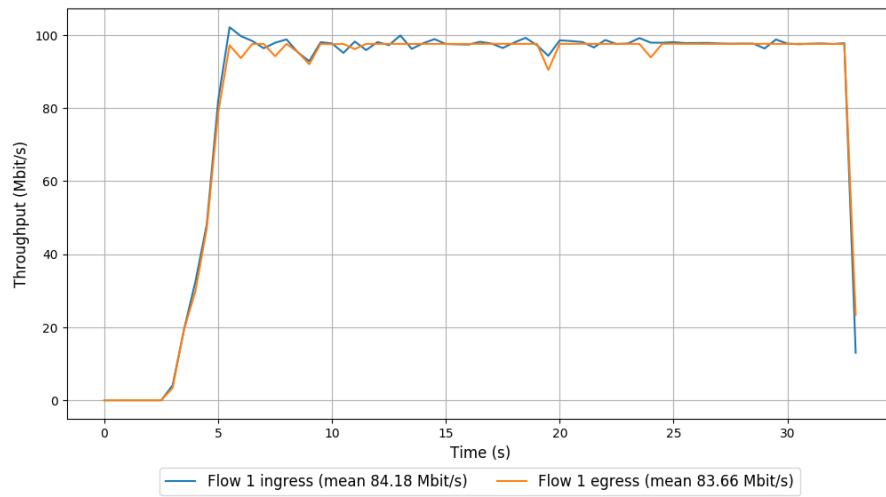


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:25:25 +0000
End at: Fri, 16 Jun 2017 00:25:55 +0000
Local clock offset: -2.571 ms
Remote clock offset: -13.268 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 60.471 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 60.471 ms
Loss rate: 0.53%
```

Run 5: Report of TCP Cubic — Data Link

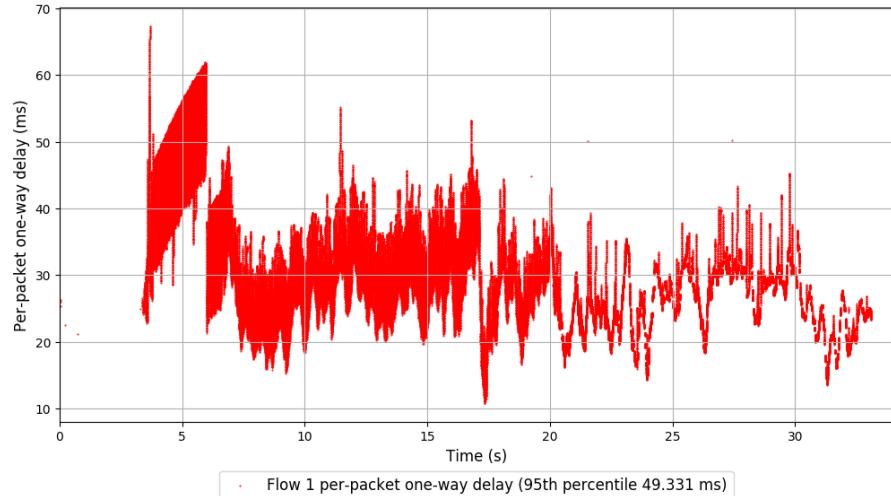
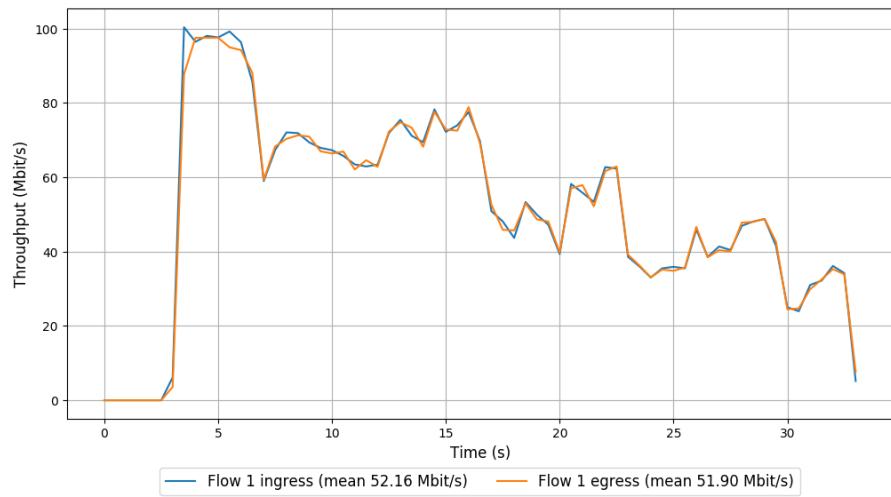


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:43:16 +0000
End at: Fri, 16 Jun 2017 00:43:46 +0000
Local clock offset: -4.846 ms
Remote clock offset: -13.62 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:03:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.90 Mbit/s
95th percentile per-packet one-way delay: 49.331 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 51.90 Mbit/s
95th percentile per-packet one-way delay: 49.331 ms
Loss rate: 0.50%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 01:00:49 +0000

End at: Fri, 16 Jun 2017 01:01:19 +0000

Local clock offset: -5.895 ms

Remote clock offset: -21.418 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:03:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.19 Mbit/s

95th percentile per-packet one-way delay: 47.872 ms

Loss rate: 1.88%

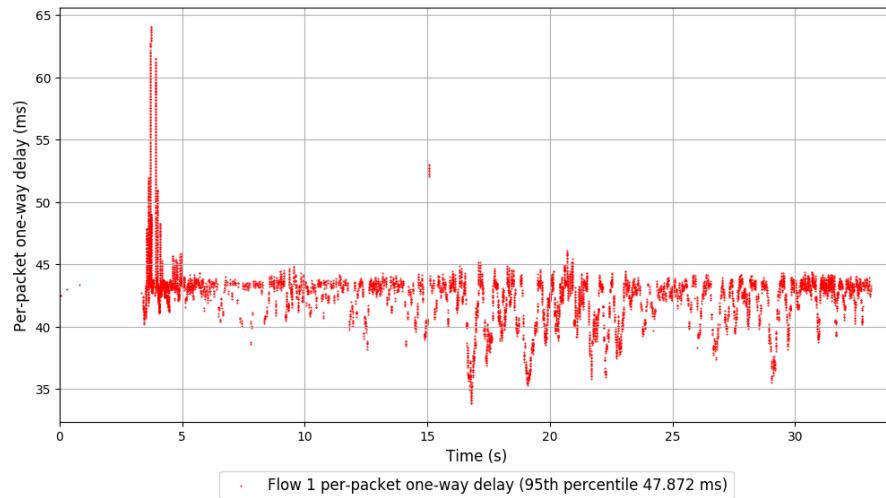
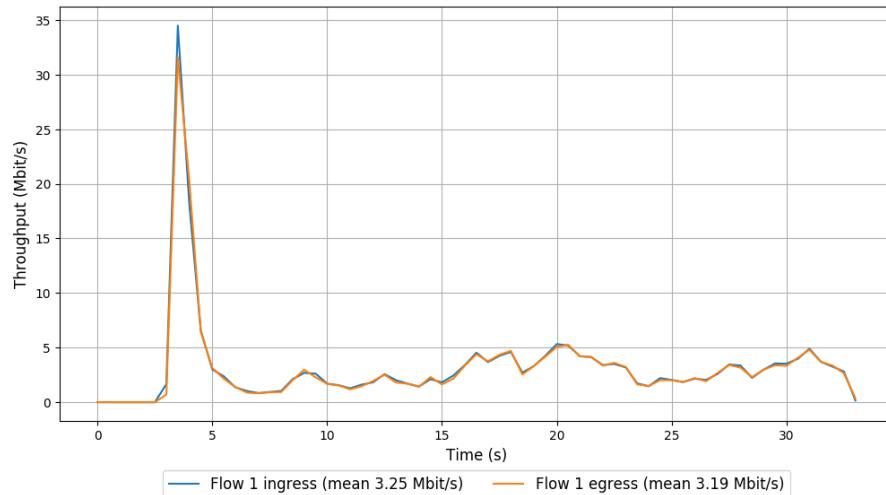
-- Flow 1:

Average throughput: 3.19 Mbit/s

95th percentile per-packet one-way delay: 47.872 ms

Loss rate: 1.88%

Run 7: Report of TCP Cubic — Data Link

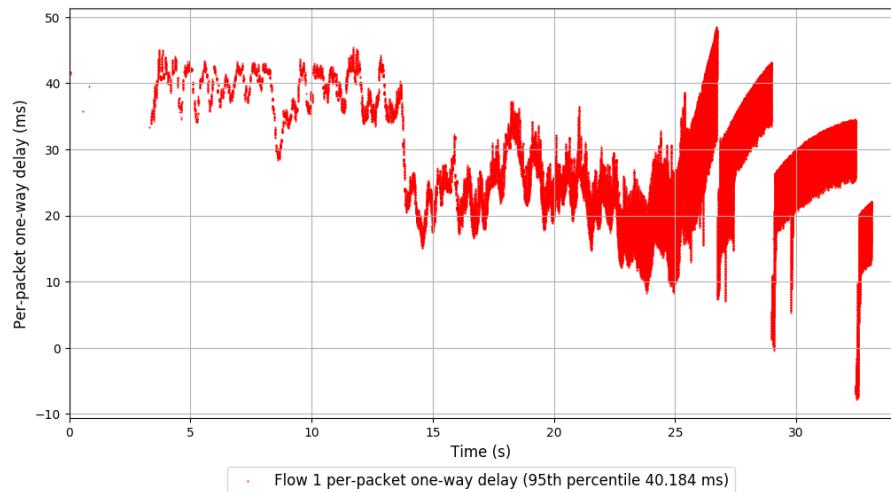
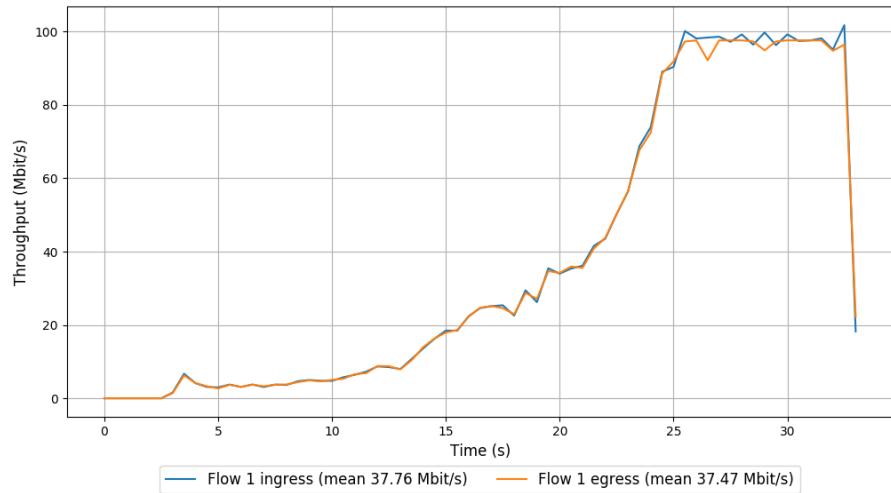


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 01:18:16 +0000
End at: Fri, 16 Jun 2017 01:18:46 +0000
Local clock offset: -7.485 ms
Remote clock offset: -20.684 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:04:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 40.184 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 40.184 ms
Loss rate: 0.90%
```

Run 8: Report of TCP Cubic — Data Link

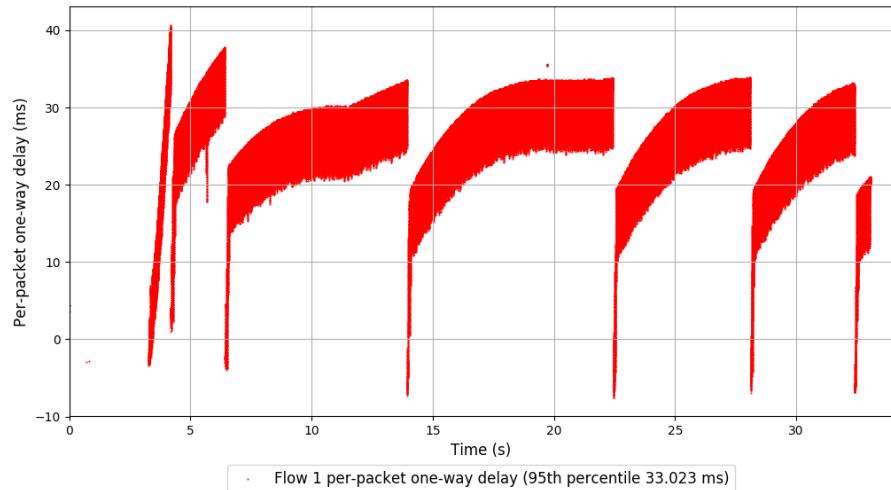
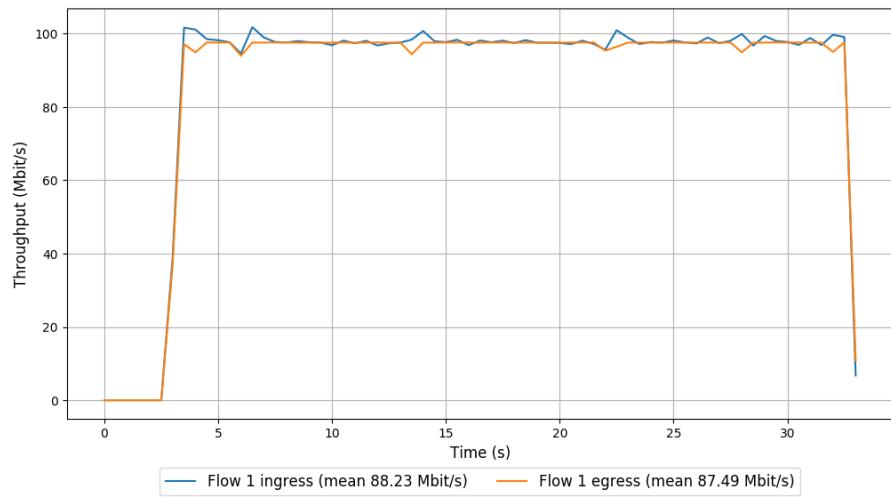


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 01:35:59 +0000
End at: Fri, 16 Jun 2017 01:36:29 +0000
Local clock offset: -7.965 ms
Remote clock offset: 3.94 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:04:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 33.023 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 33.023 ms
Loss rate: 0.78%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 01:54:06 +0000
```

```
End at: Fri, 16 Jun 2017 01:54:36 +0000
```

```
Local clock offset: -7.991 ms
```

```
Remote clock offset: 3.305 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:05 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 86.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.363 ms
```

```
Loss rate: 0.70%
```

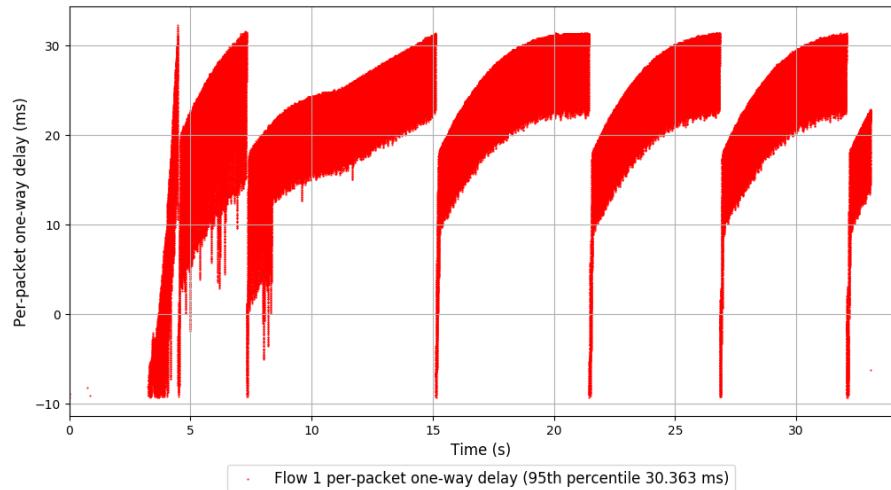
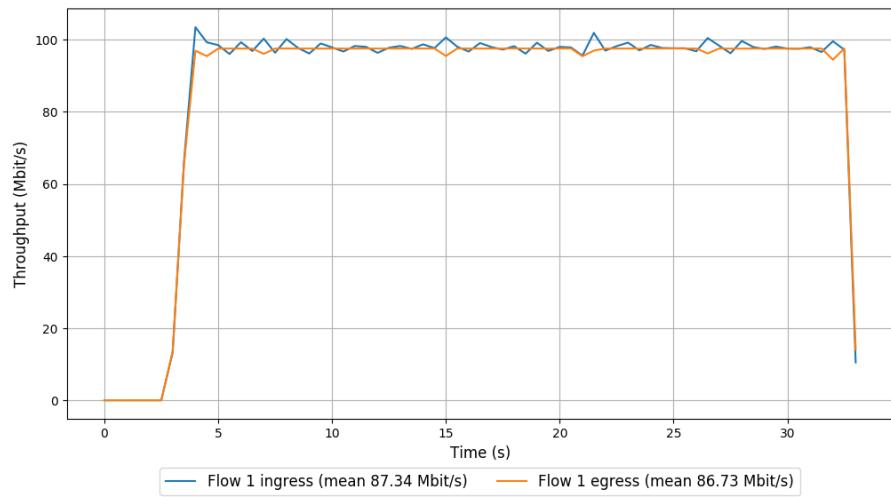
```
-- Flow 1:
```

```
Average throughput: 86.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.363 ms
```

```
Loss rate: 0.70%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:22:41 +0000
```

```
End at: Thu, 15 Jun 2017 23:23:11 +0000
```

```
Local clock offset: -0.247 ms
```

```
Remote clock offset: -17.787 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:05 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 3.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.143 ms
```

```
Loss rate: 0.24%
```

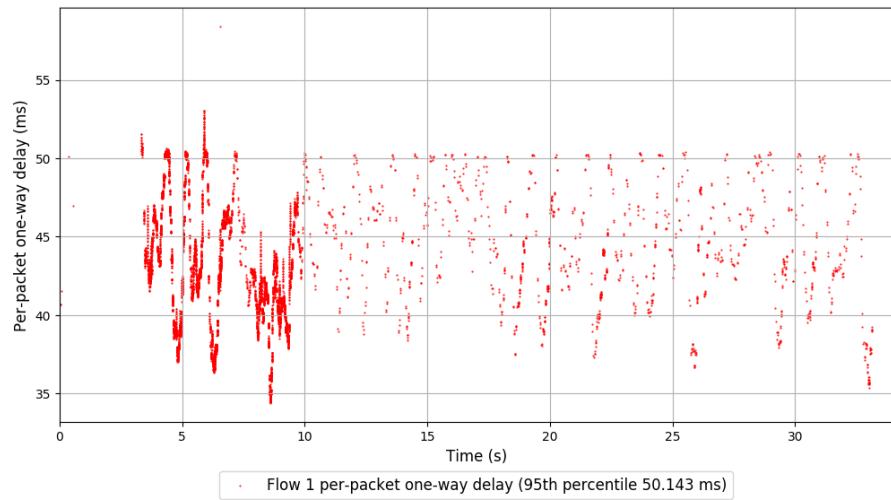
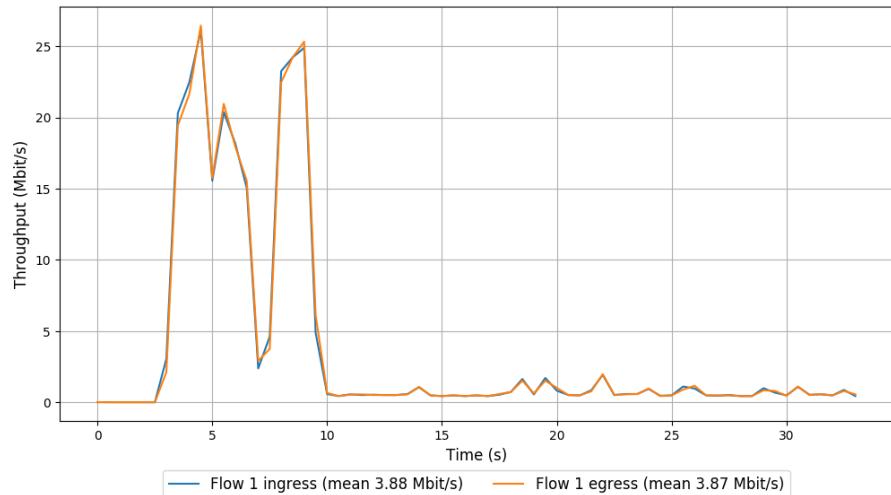
```
-- Flow 1:
```

```
Average throughput: 3.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.143 ms
```

```
Loss rate: 0.24%
```

Run 1: Report of KohoCC — Data Link

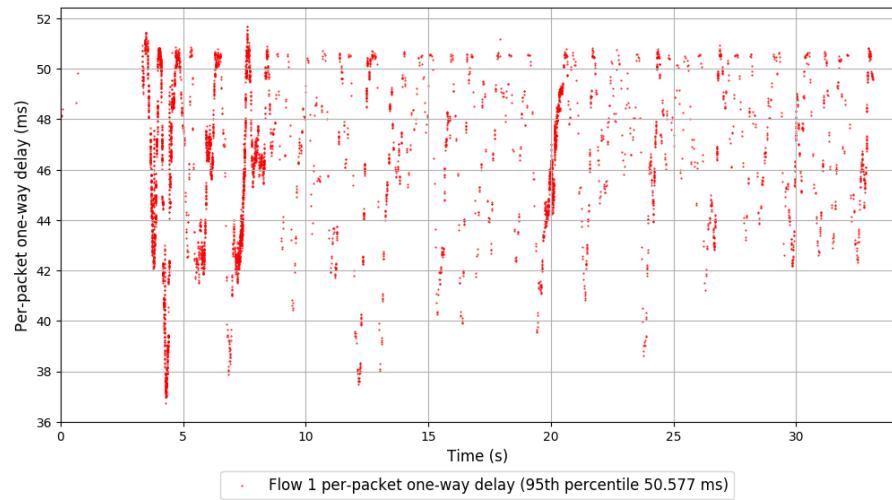
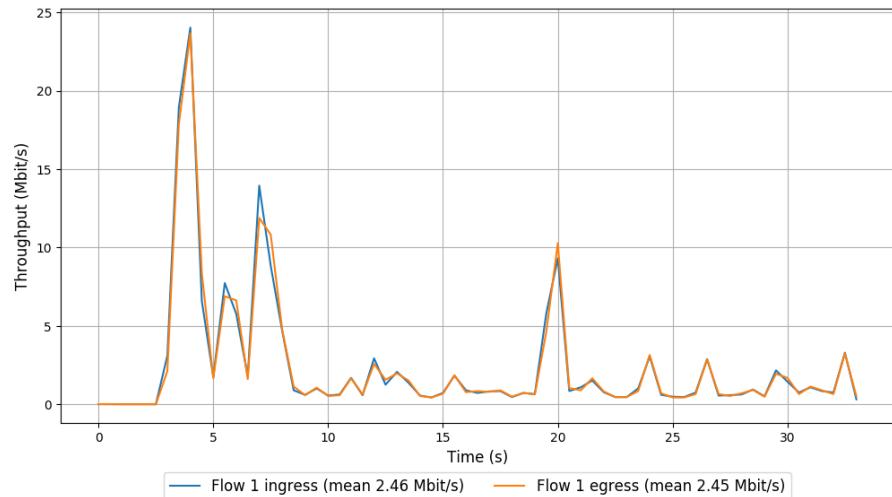


Run 2: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:40:01 +0000
End at: Thu, 15 Jun 2017 23:40:31 +0000
Local clock offset: 0.618 ms
Remote clock offset: -14.995 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 50.577 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 50.577 ms
Loss rate: 0.44%
```

Run 2: Report of KohoCC — Data Link

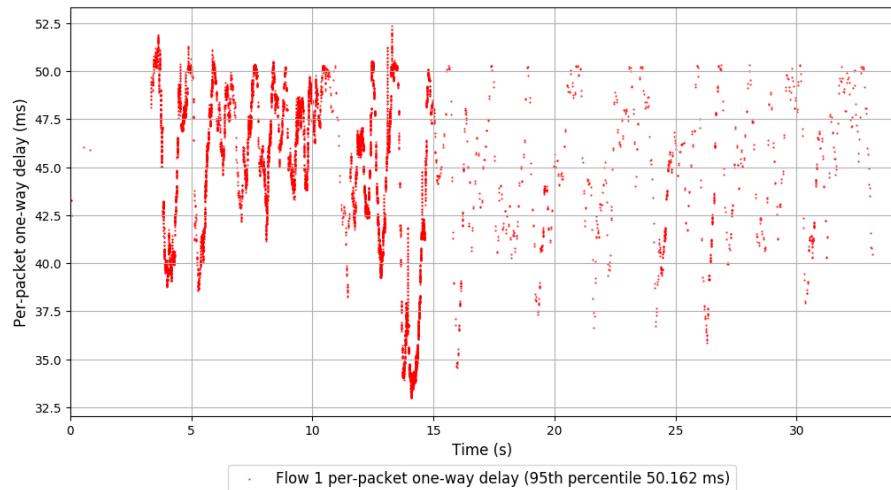
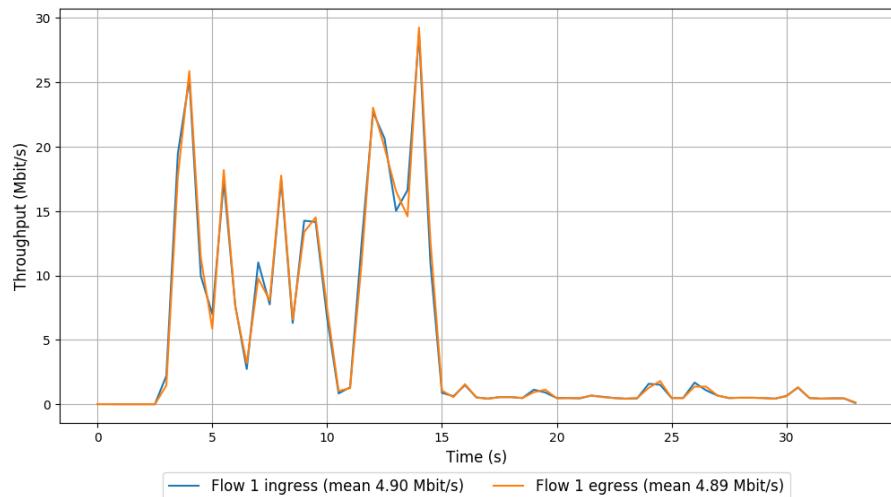


Run 3: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:57:24 +0000
End at: Thu, 15 Jun 2017 23:57:54 +0000
Local clock offset: 0.586 ms
Remote clock offset: -11.609 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 50.162 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 50.162 ms
Loss rate: 0.10%
```

Run 3: Report of KohoCC — Data Link

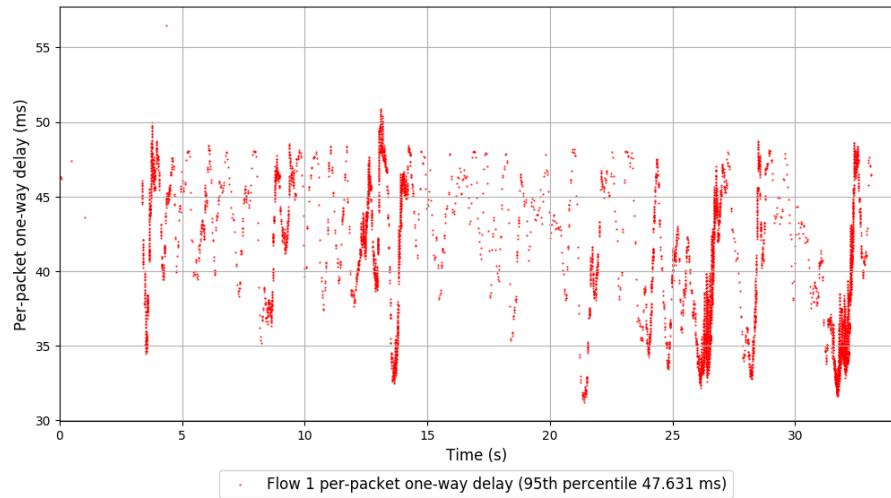
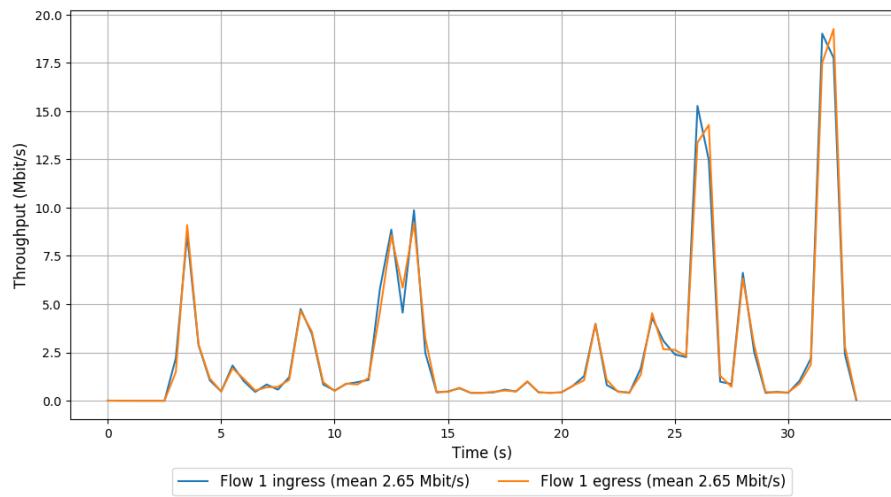


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:14:58 +0000
End at: Fri, 16 Jun 2017 00:15:28 +0000
Local clock offset: -1.583 ms
Remote clock offset: -12.141 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 47.631 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 47.631 ms
Loss rate: 0.04%
```

Run 4: Report of KohoCC — Data Link

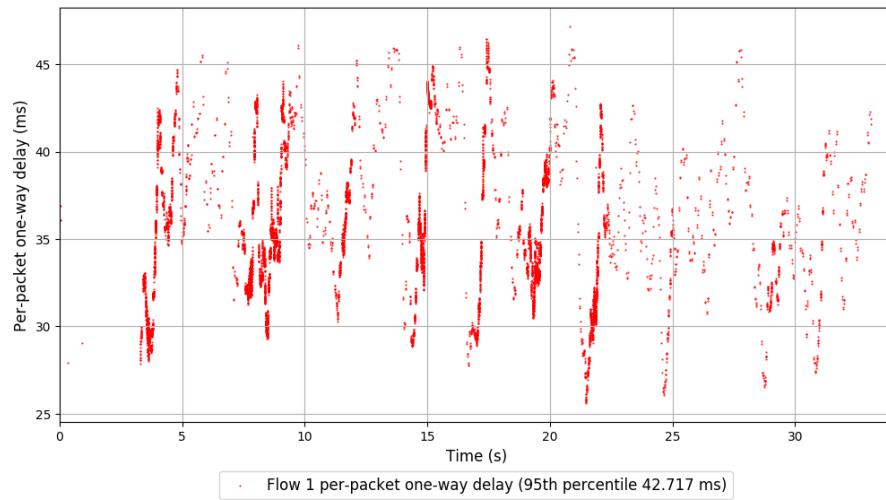
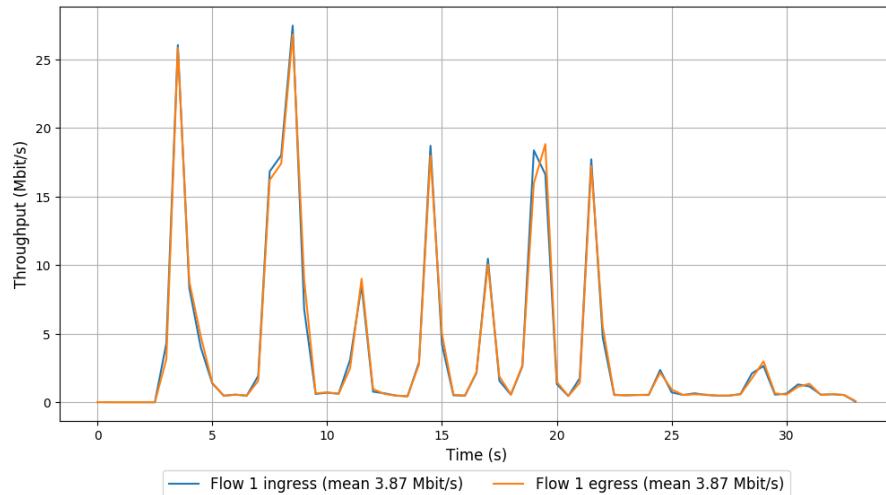


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:32:45 +0000
End at: Fri, 16 Jun 2017 00:33:15 +0000
Local clock offset: -3.341 ms
Remote clock offset: -13.972 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 42.717 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 42.717 ms
Loss rate: 0.01%
```

Run 5: Report of KohoCC — Data Link

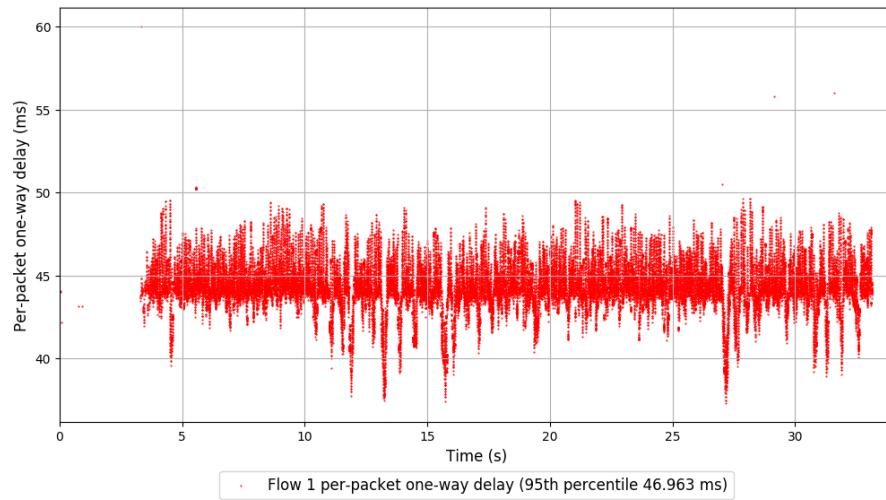
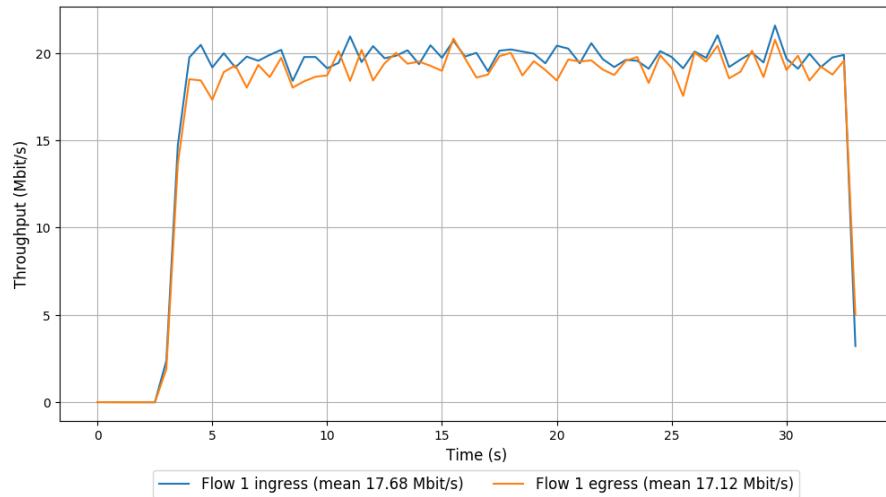


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:50:31 +0000
End at: Fri, 16 Jun 2017 00:51:01 +0000
Local clock offset: -5.322 ms
Remote clock offset: -20.769 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.12 Mbit/s
95th percentile per-packet one-way delay: 46.963 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 17.12 Mbit/s
95th percentile per-packet one-way delay: 46.963 ms
Loss rate: 3.17%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 01:07:55 +0000

End at: Fri, 16 Jun 2017 01:08:25 +0000

Local clock offset: -6.303 ms

Remote clock offset: -17.1 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:05:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.38 Mbit/s

95th percentile per-packet one-way delay: 43.171 ms

Loss rate: 1.11%

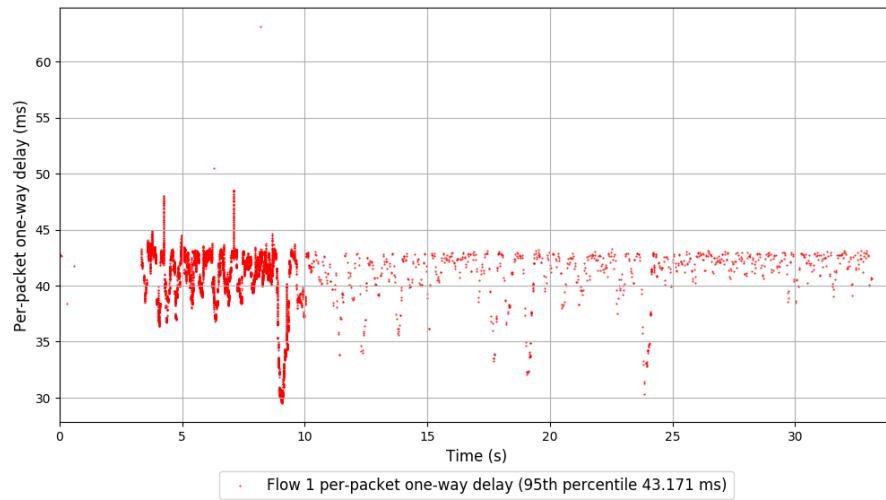
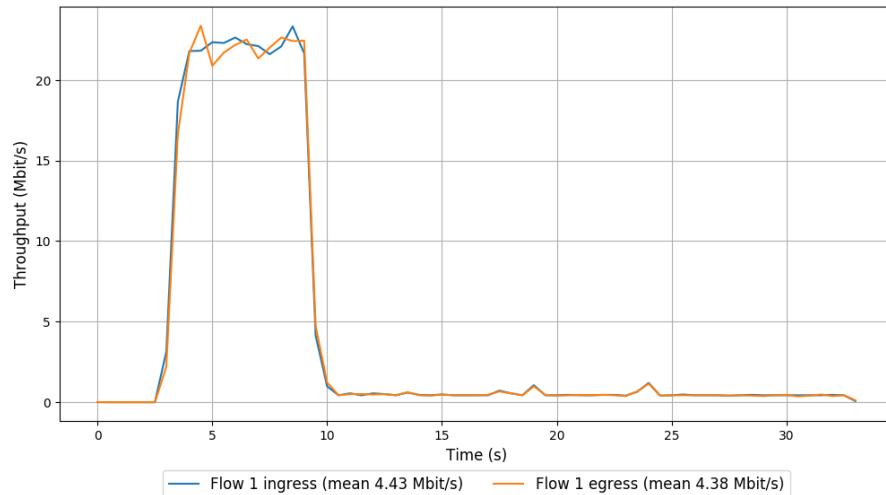
-- Flow 1:

Average throughput: 4.38 Mbit/s

95th percentile per-packet one-way delay: 43.171 ms

Loss rate: 1.11%

Run 7: Report of KohoCC — Data Link

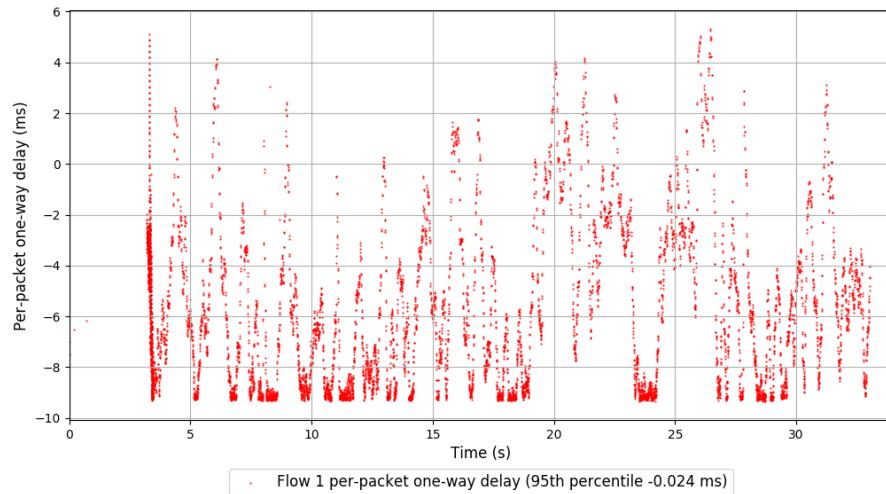
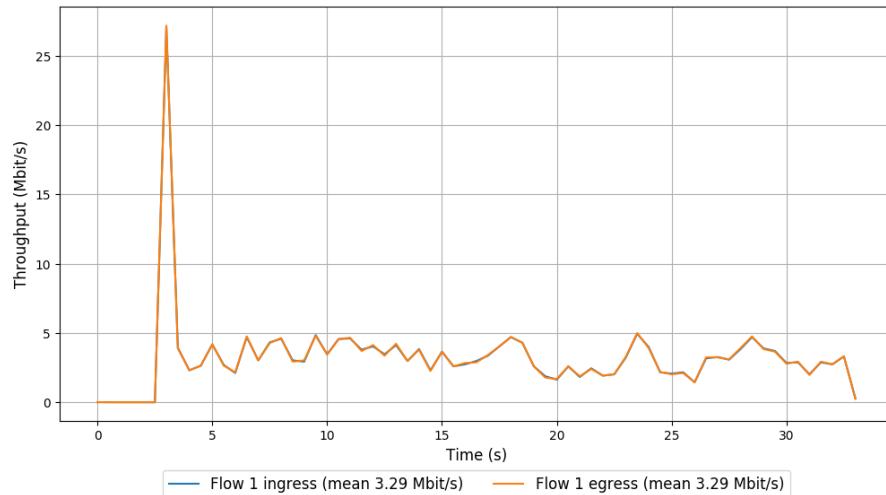


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 01:25:25 +0000
End at: Fri, 16 Jun 2017 01:25:55 +0000
Local clock offset: -7.493 ms
Remote clock offset: 3.849 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: -0.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: -0.024 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 01:43:08 +0000

End at: Fri, 16 Jun 2017 01:43:38 +0000

Local clock offset: -8.145 ms

Remote clock offset: 4.06 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:05:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.10 Mbit/s

95th percentile per-packet one-way delay: 6.526 ms

Loss rate: 0.00%

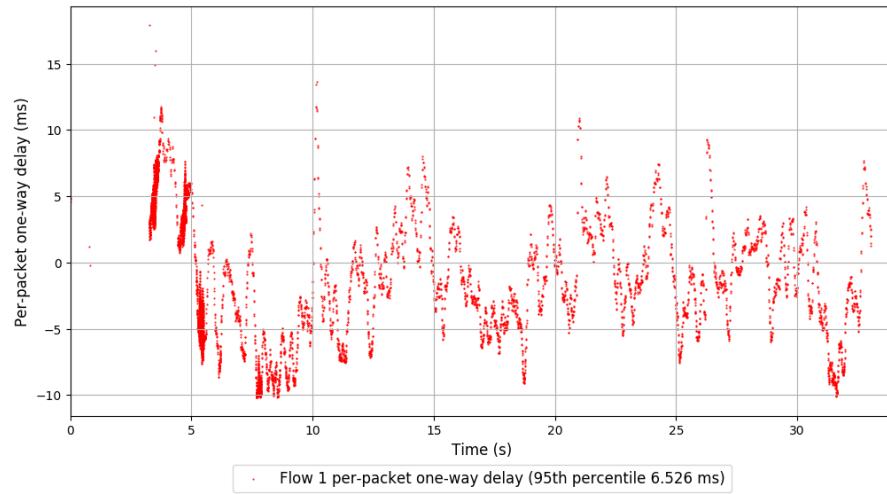
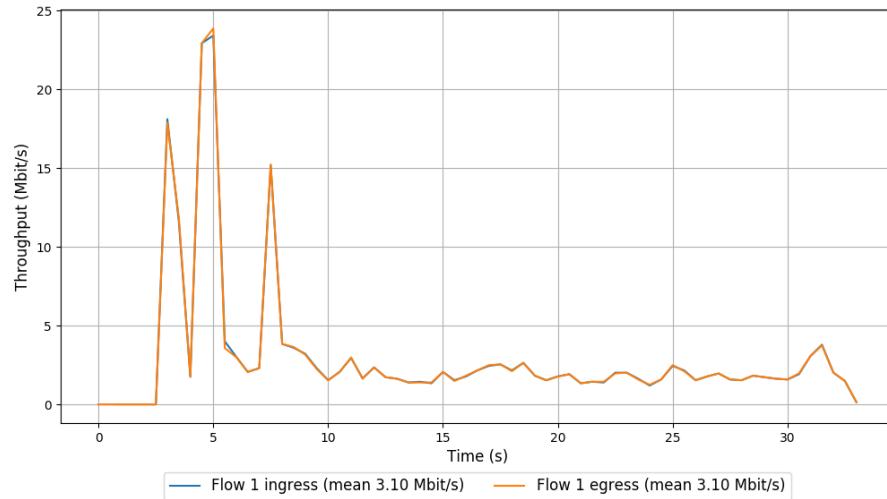
-- Flow 1:

Average throughput: 3.10 Mbit/s

95th percentile per-packet one-way delay: 6.526 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 02:01:29 +0000

End at: Fri, 16 Jun 2017 02:01:59 +0000

Local clock offset: -8.017 ms

Remote clock offset: 2.982 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:05:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.54 Mbit/s

95th percentile per-packet one-way delay: -7.512 ms

Loss rate: 0.00%

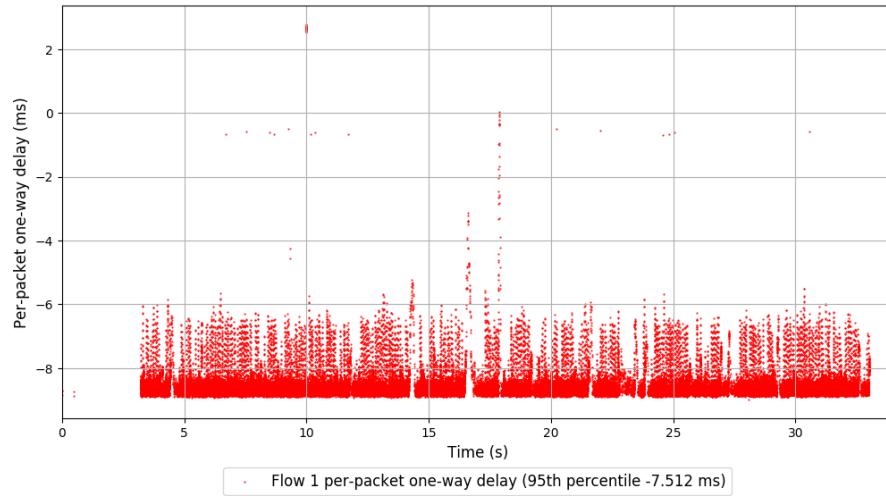
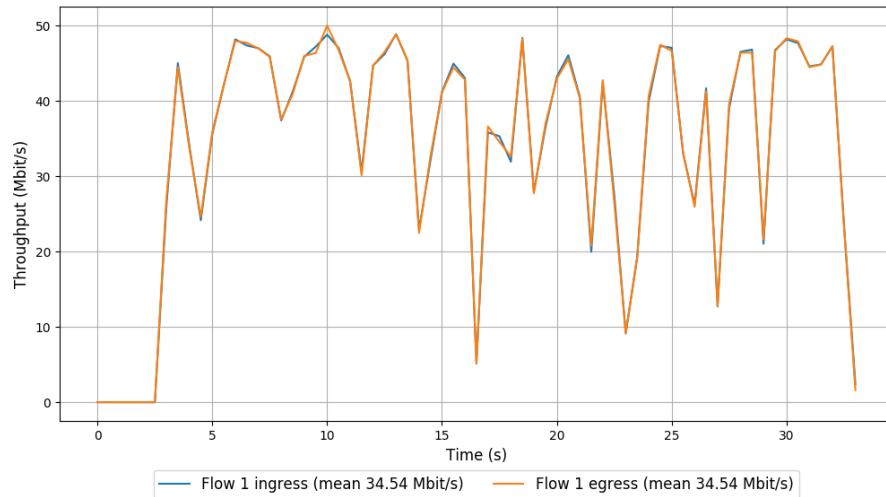
-- Flow 1:

Average throughput: 34.54 Mbit/s

95th percentile per-packet one-way delay: -7.512 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

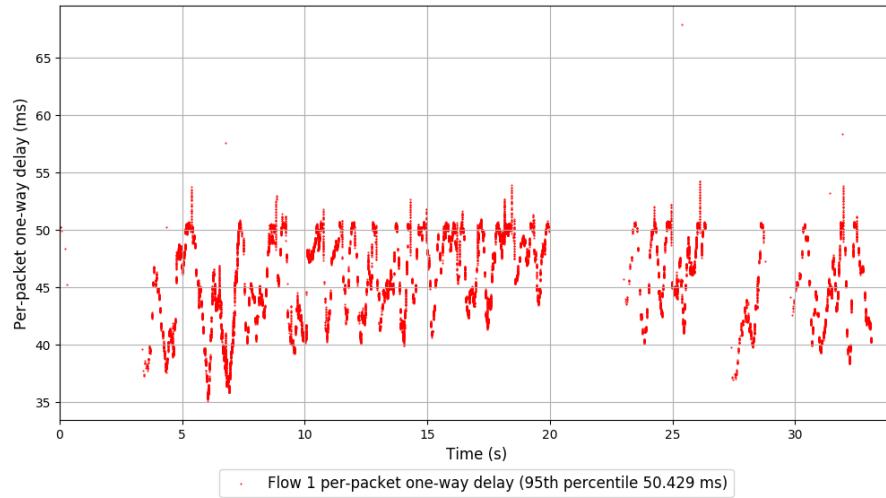
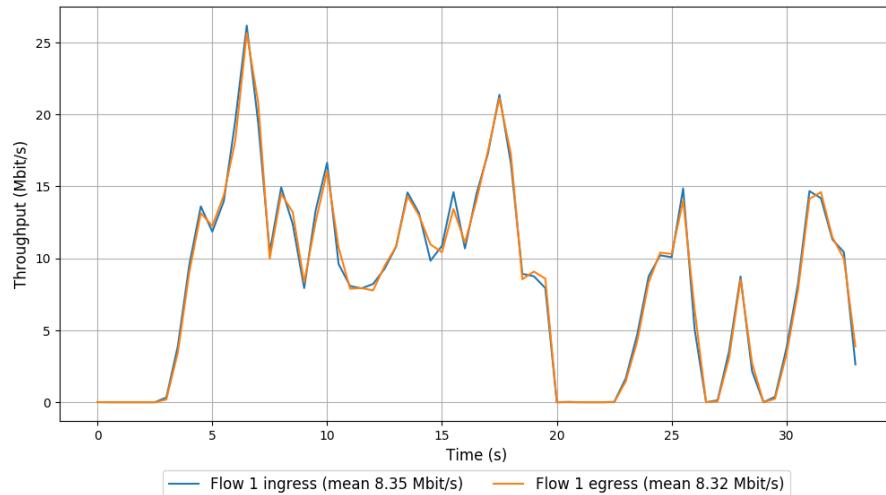


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 15 Jun 2017 23:24:53 +0000
End at: Thu, 15 Jun 2017 23:25:23 +0000
Local clock offset: -0.09 ms
Remote clock offset: -20.518 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 50.429 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 50.429 ms
Loss rate: 0.34%
```

Run 1: Report of LEDBAT — Data Link

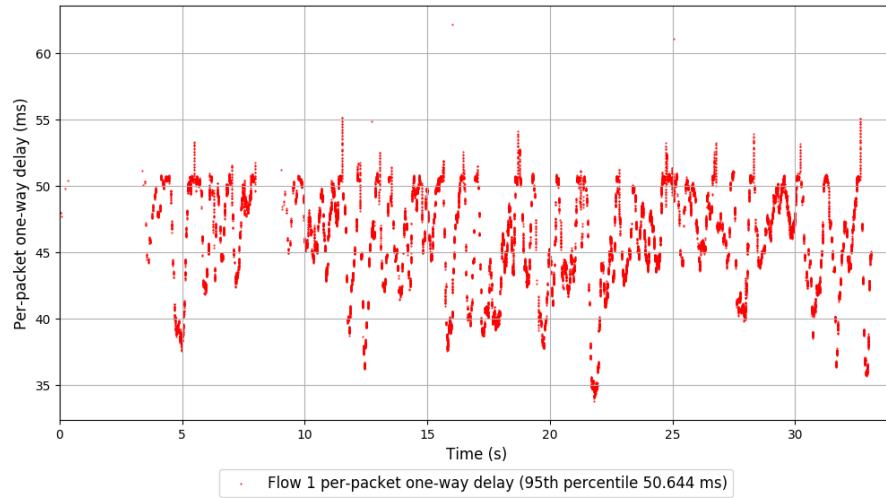
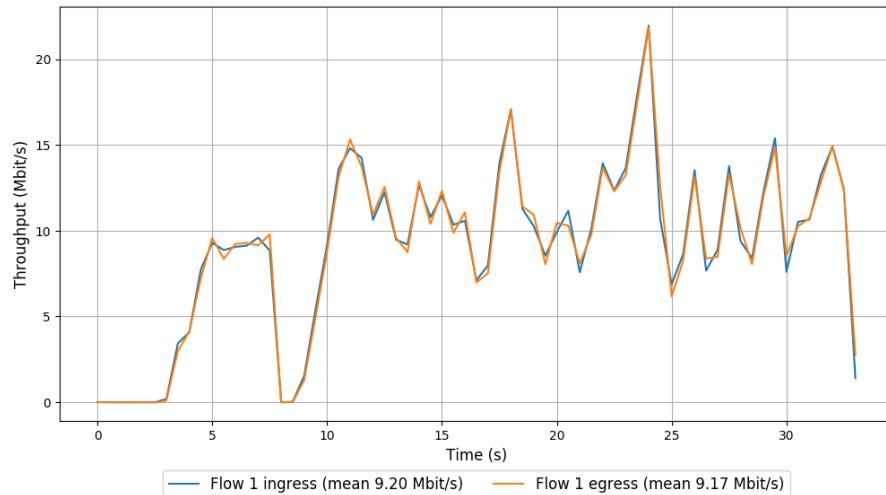


Run 2: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:42:14 +0000
End at: Thu, 15 Jun 2017 23:42:44 +0000
Local clock offset: 0.648 ms
Remote clock offset: -12.541 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:05:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.644 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.644 ms
Loss rate: 0.40%
```

Run 2: Report of LEDBAT — Data Link

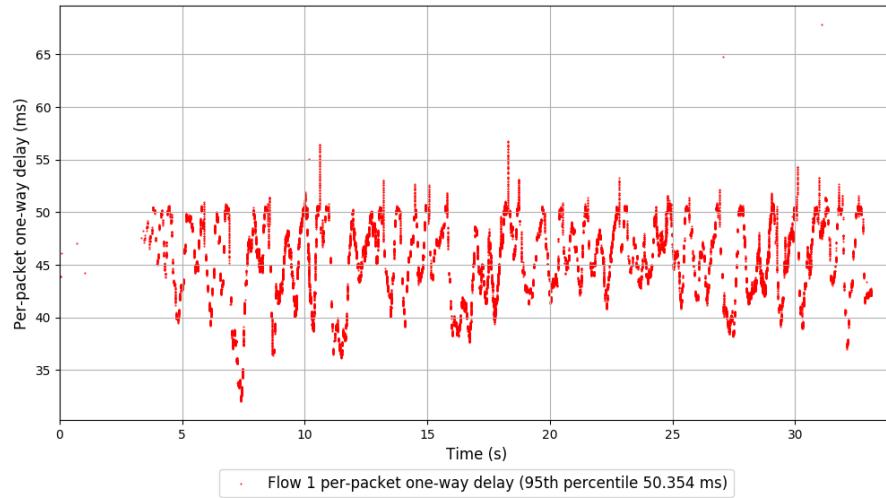
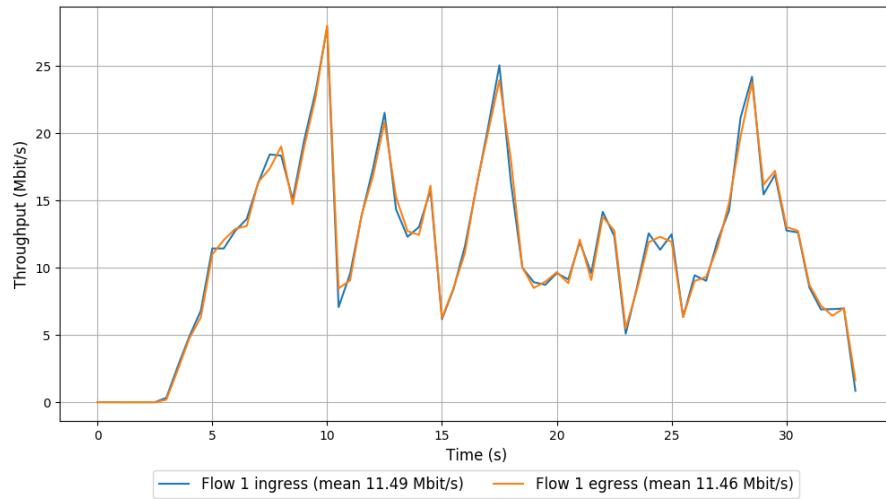


Run 3: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:59:38 +0000
End at: Fri, 16 Jun 2017 00:00:08 +0000
Local clock offset: 0.534 ms
Remote clock offset: -15.124 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 50.354 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 50.354 ms
Loss rate: 0.30%
```

Run 3: Report of LEDBAT — Data Link

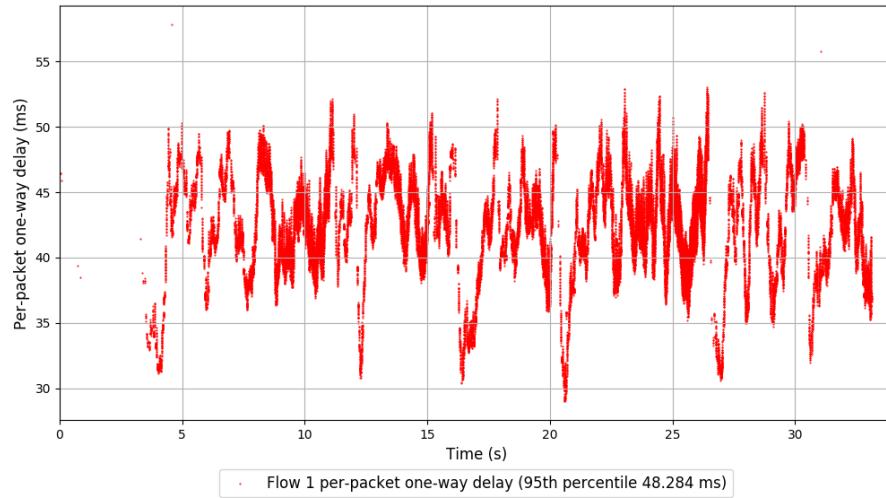
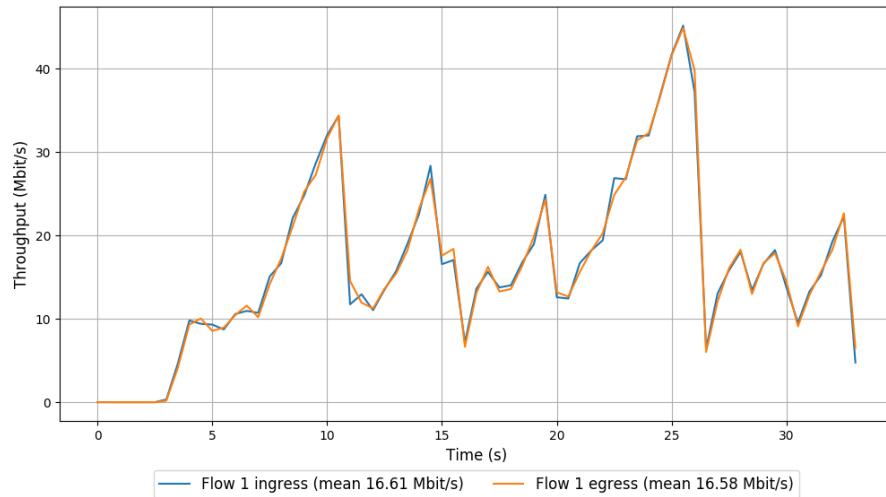


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:17:11 +0000
End at: Fri, 16 Jun 2017 00:17:41 +0000
Local clock offset: -1.812 ms
Remote clock offset: -15.761 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 48.284 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 48.284 ms
Loss rate: 0.20%
```

Run 4: Report of LEDBAT — Data Link

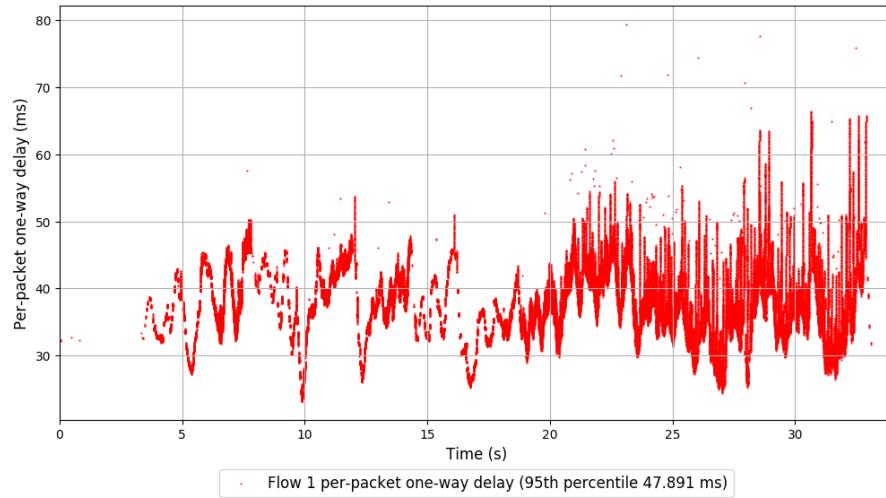
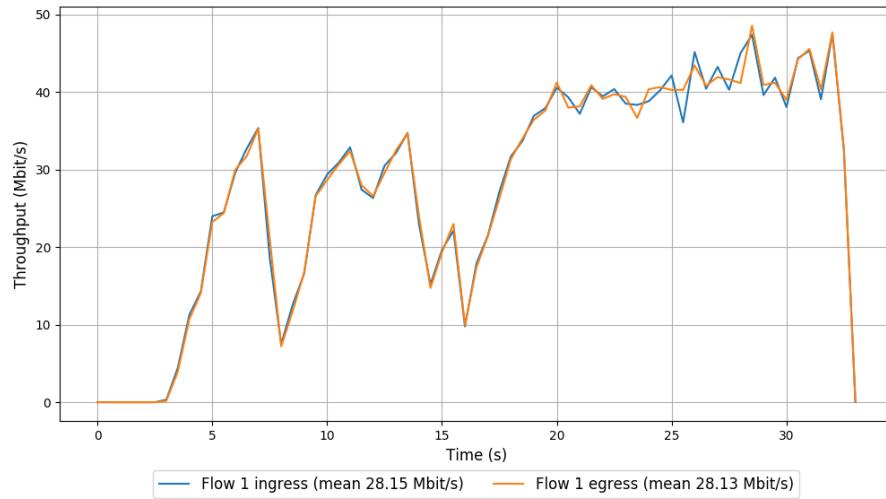


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:34:58 +0000
End at: Fri, 16 Jun 2017 00:35:28 +0000
Local clock offset: -3.486 ms
Remote clock offset: -11.99 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.13 Mbit/s
95th percentile per-packet one-way delay: 47.891 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 28.13 Mbit/s
95th percentile per-packet one-way delay: 47.891 ms
Loss rate: 0.07%
```

Run 5: Report of LEDBAT — Data Link

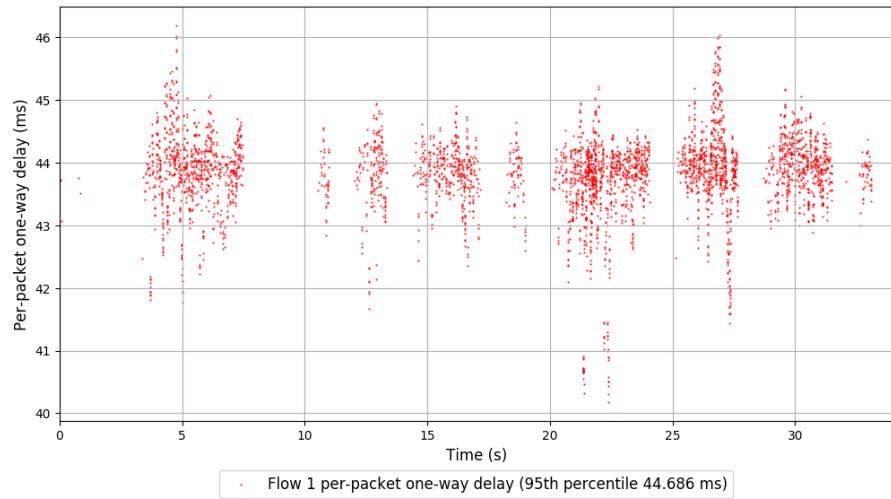
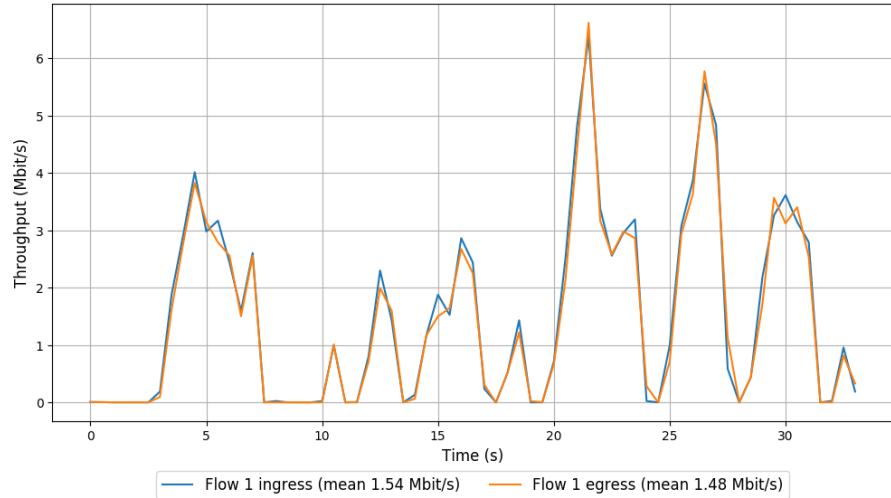


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:52:50 +0000
End at: Fri, 16 Jun 2017 00:53:20 +0000
Local clock offset: -5.439 ms
Remote clock offset: -20.054 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 44.686 ms
Loss rate: 3.68%
-- Flow 1:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 44.686 ms
Loss rate: 3.68%
```

Run 6: Report of LEDBAT — Data Link

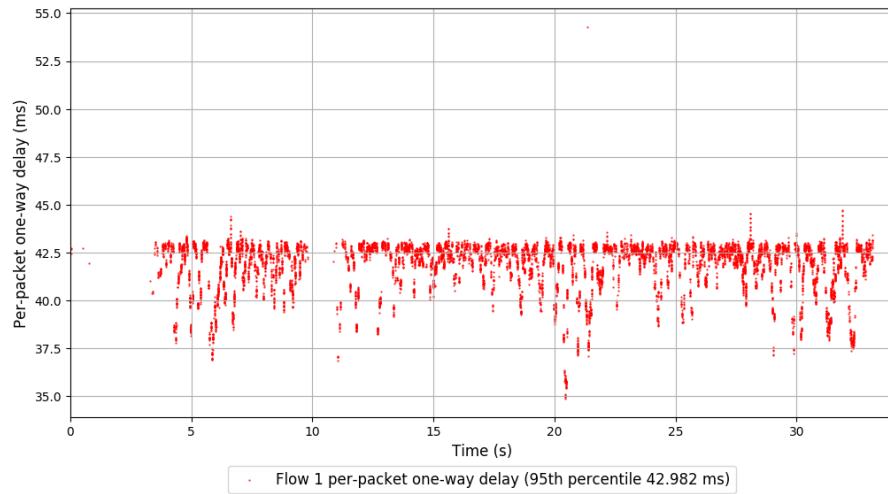
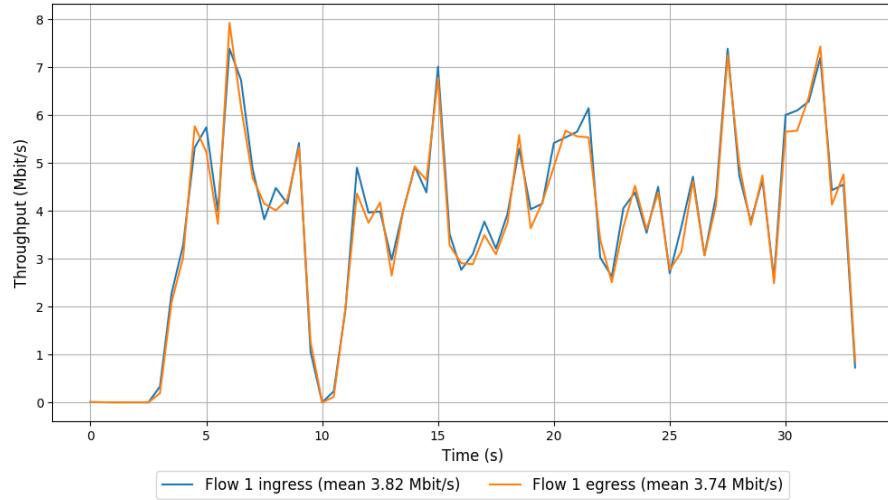


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:10:08 +0000
End at: Fri, 16 Jun 2017 01:10:38 +0000
Local clock offset: -6.446 ms
Remote clock offset: -19.835 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 42.982 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 42.982 ms
Loss rate: 2.06%
```

Run 7: Report of LEDBAT — Data Link

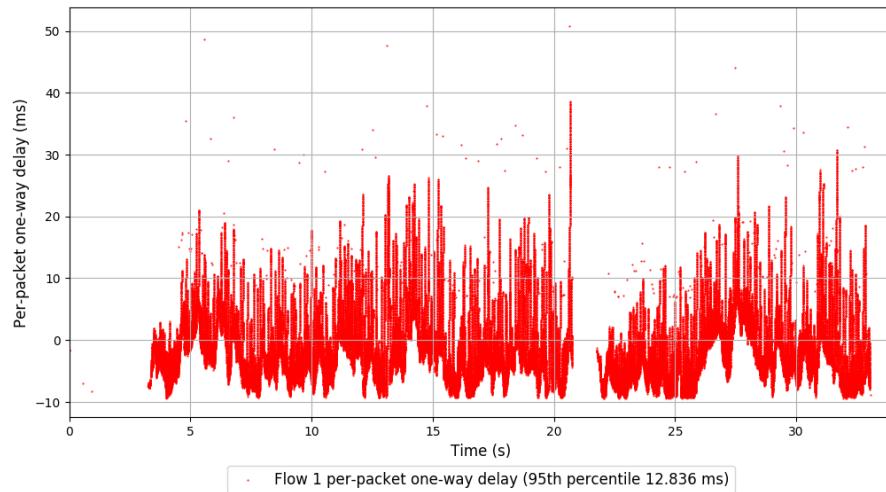
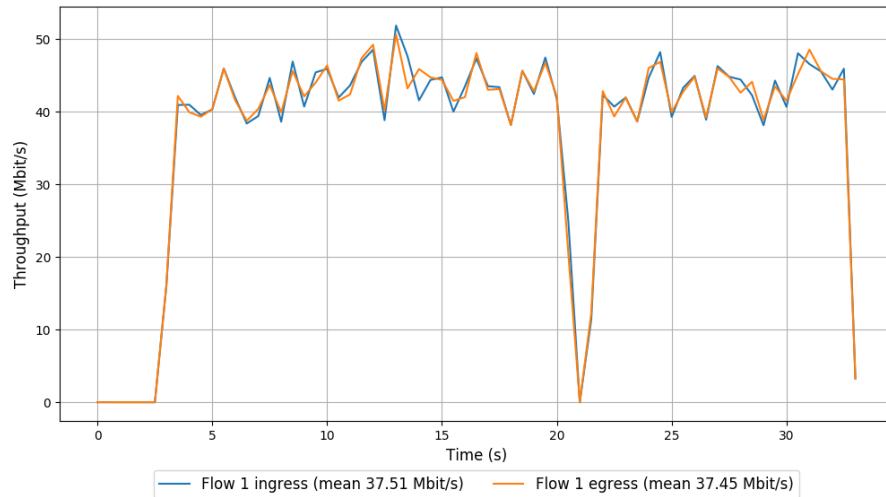


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:27:35 +0000
End at: Fri, 16 Jun 2017 01:28:05 +0000
Local clock offset: -7.536 ms
Remote clock offset: 3.47 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.45 Mbit/s
95th percentile per-packet one-way delay: 12.836 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 37.45 Mbit/s
95th percentile per-packet one-way delay: 12.836 ms
Loss rate: 0.18%
```

Run 8: Report of LEDBAT — Data Link

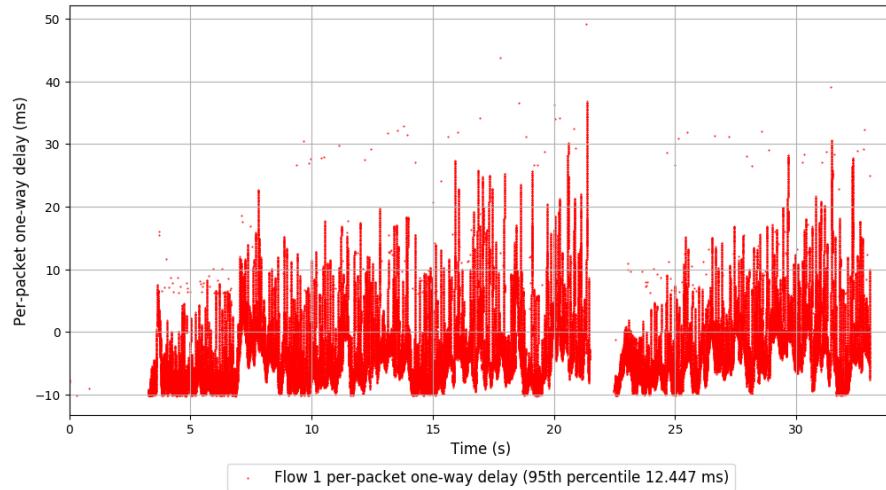
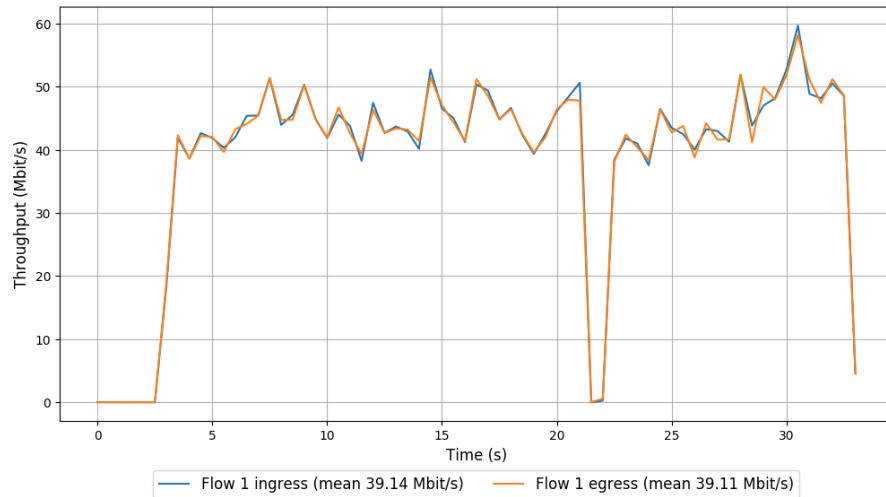


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:45:19 +0000
End at: Fri, 16 Jun 2017 01:45:49 +0000
Local clock offset: -8.284 ms
Remote clock offset: 3.948 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:06:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 12.447 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 12.447 ms
Loss rate: 0.13%
```

Run 9: Report of LEDBAT — Data Link

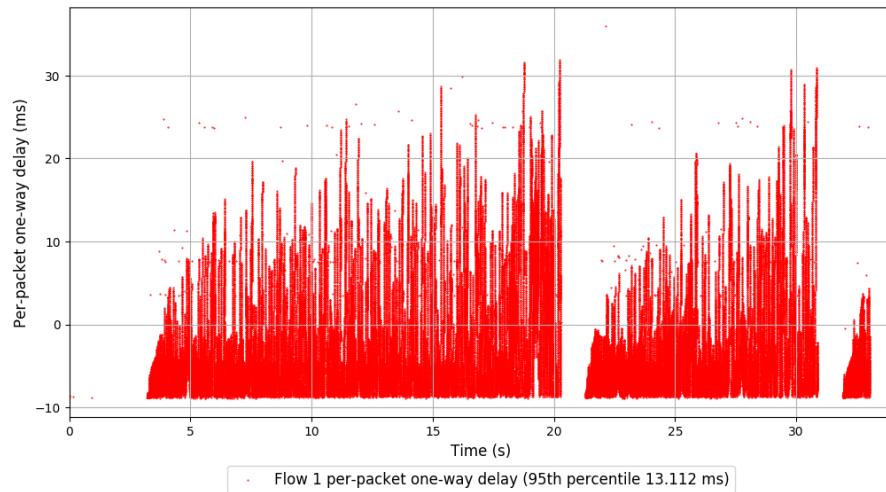
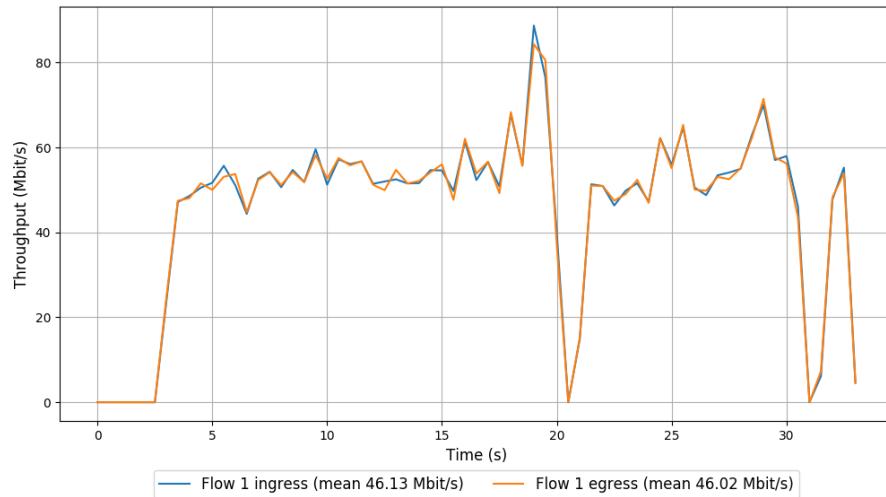


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:03:52 +0000
End at: Fri, 16 Jun 2017 02:04:22 +0000
Local clock offset: -8.055 ms
Remote clock offset: 2.794 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 13.112 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 13.112 ms
Loss rate: 0.21%
```

Run 10: Report of LEDBAT — Data Link

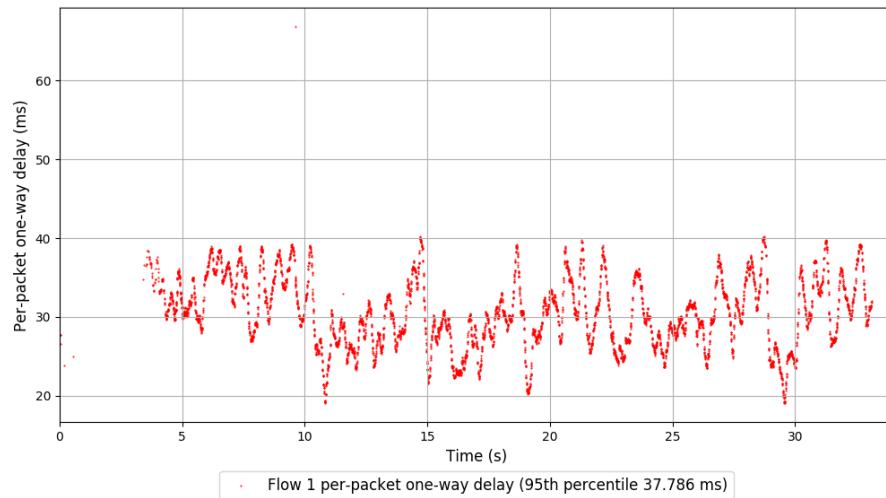
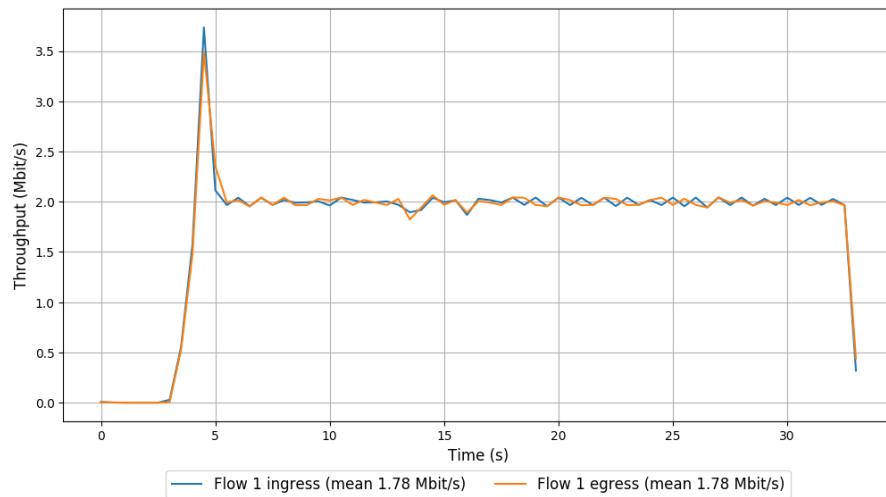


Run 1: Statistics of PCC

```
Start at: Thu, 15 Jun 2017 23:14:21 +0000
End at: Thu, 15 Jun 2017 23:14:51 +0000
Local clock offset: -1.299 ms
Remote clock offset: -13.634 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 37.786 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 37.786 ms
Loss rate: 0.17%
```

Run 1: Report of PCC — Data Link

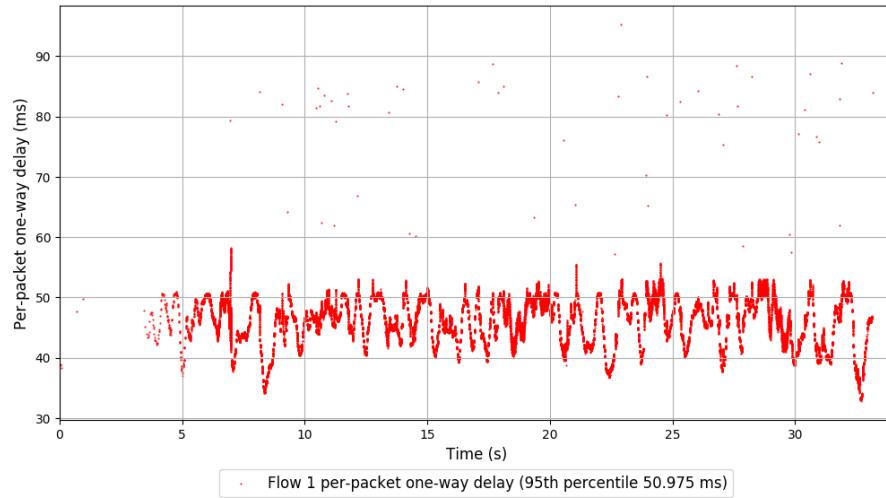
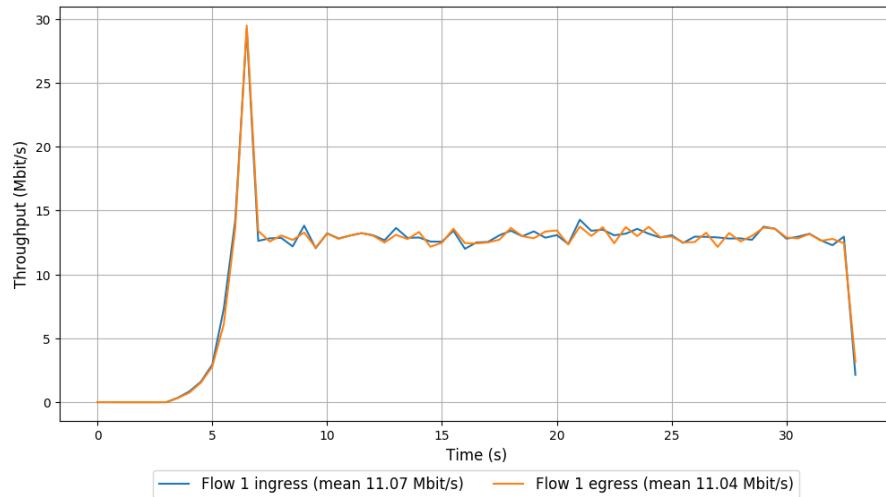


Run 2: Statistics of PCC

```
Start at: Thu, 15 Jun 2017 23:31:51 +0000
End at: Thu, 15 Jun 2017 23:32:21 +0000
Local clock offset: 0.296 ms
Remote clock offset: -15.214 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 50.975 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 50.975 ms
Loss rate: 0.26%
```

Run 2: Report of PCC — Data Link

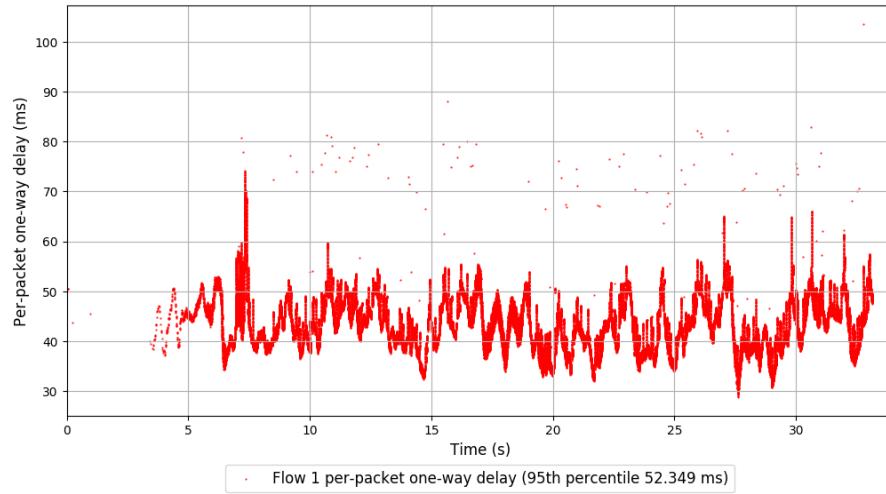
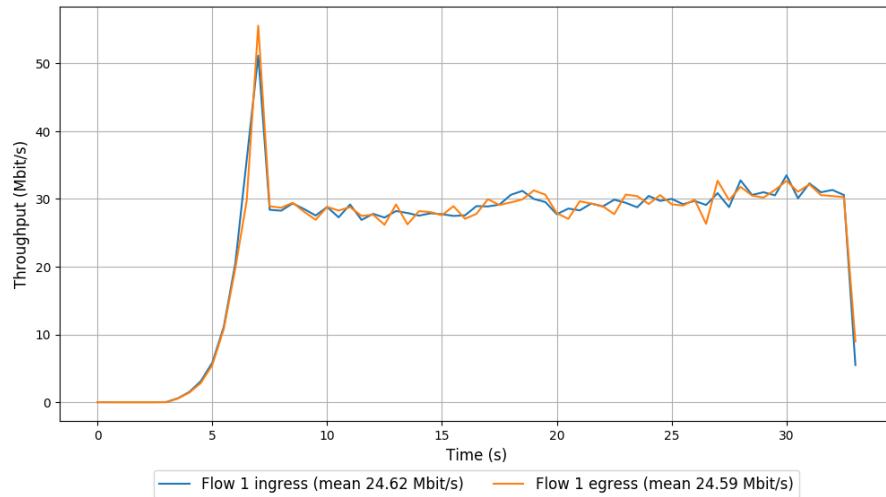


Run 3: Statistics of PCC

```
Start at: Thu, 15 Jun 2017 23:49:12 +0000
End at: Thu, 15 Jun 2017 23:49:42 +0000
Local clock offset: 0.674 ms
Remote clock offset: -16.252 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 52.349 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 52.349 ms
Loss rate: 0.13%
```

Run 3: Report of PCC — Data Link

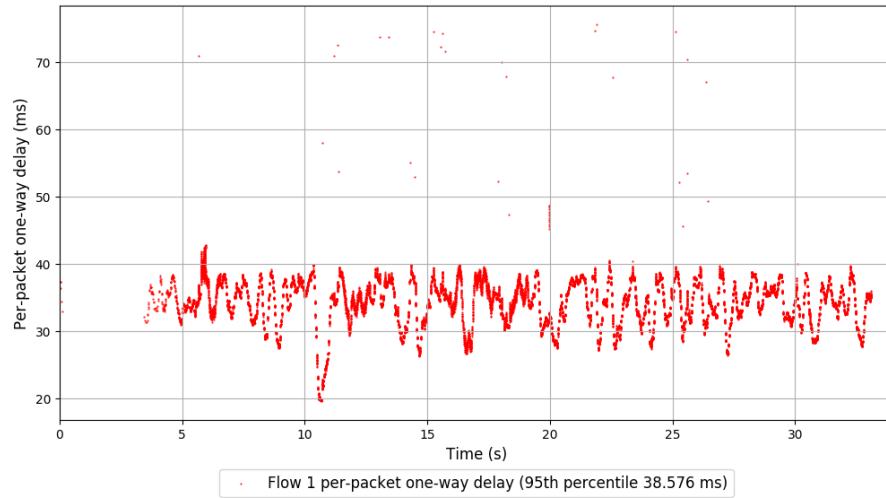
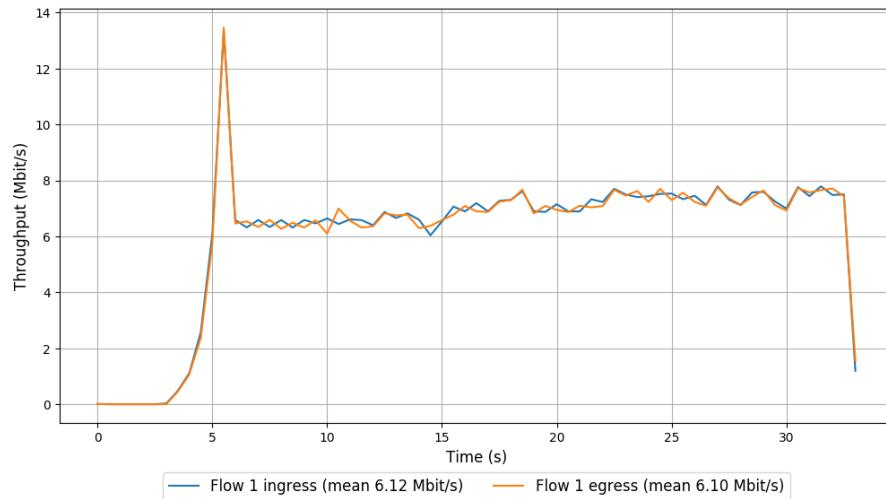


Run 4: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:06:41 +0000
End at: Fri, 16 Jun 2017 00:07:11 +0000
Local clock offset: -0.663 ms
Remote clock offset: -19.31 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 38.576 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 38.576 ms
Loss rate: 0.40%
```

Run 4: Report of PCC — Data Link

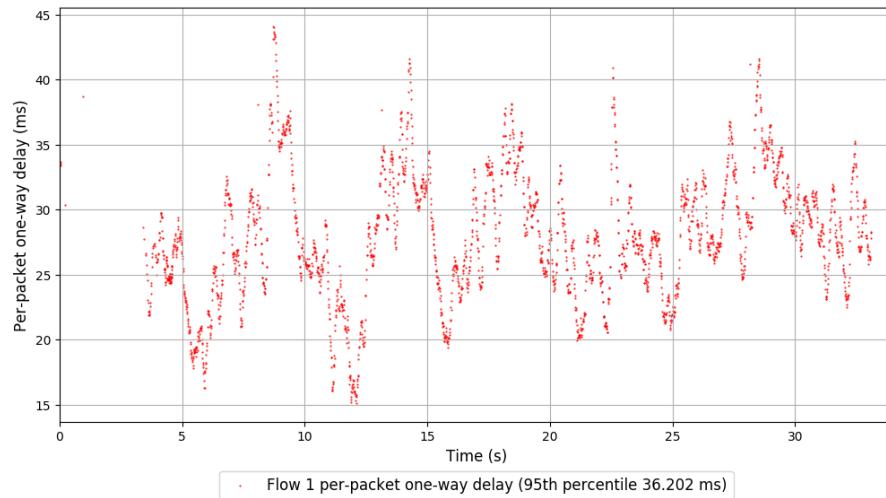
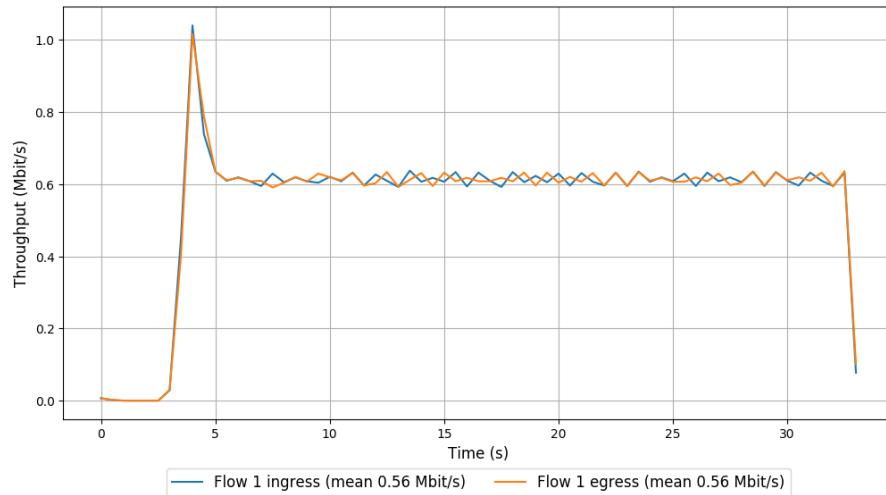


Run 5: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:24:19 +0000
End at: Fri, 16 Jun 2017 00:24:49 +0000
Local clock offset: -2.493 ms
Remote clock offset: -14.611 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 36.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 36.202 ms
Loss rate: 0.00%
```

Run 5: Report of PCC — Data Link

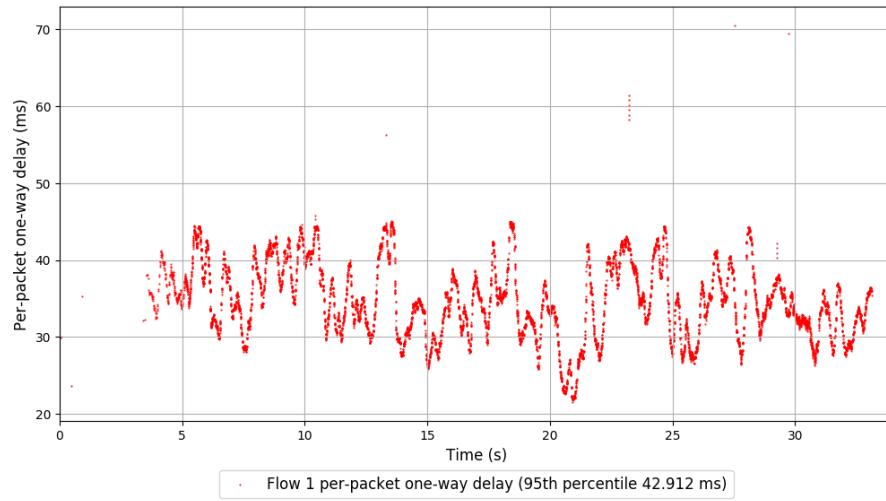
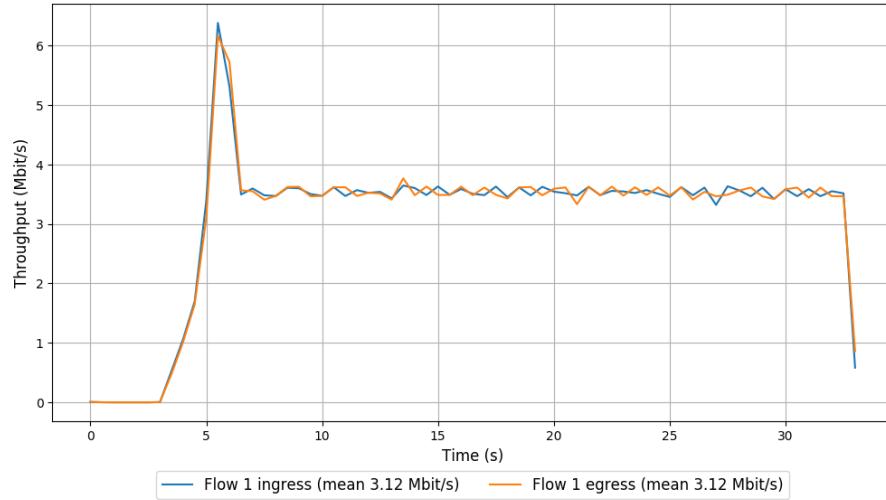


Run 6: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:42:10 +0000
End at: Fri, 16 Jun 2017 00:42:40 +0000
Local clock offset: -4.785 ms
Remote clock offset: -10.097 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 42.912 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 42.912 ms
Loss rate: 0.01%
```

Run 6: Report of PCC — Data Link

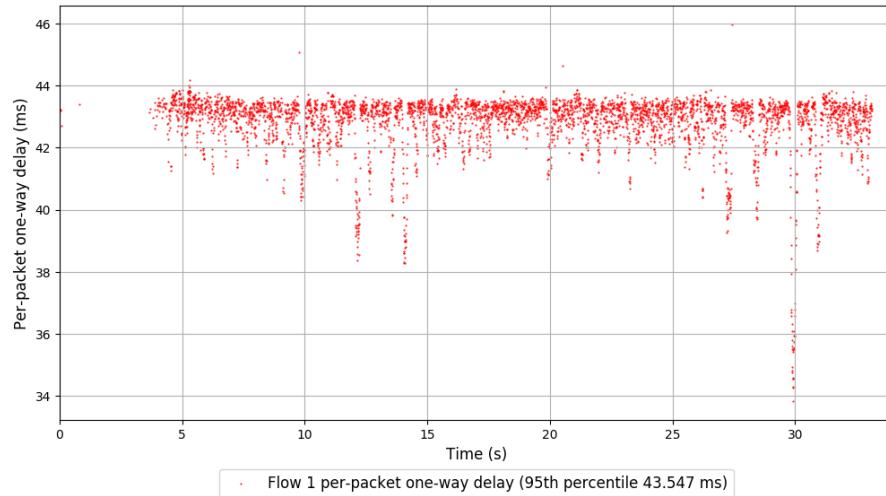
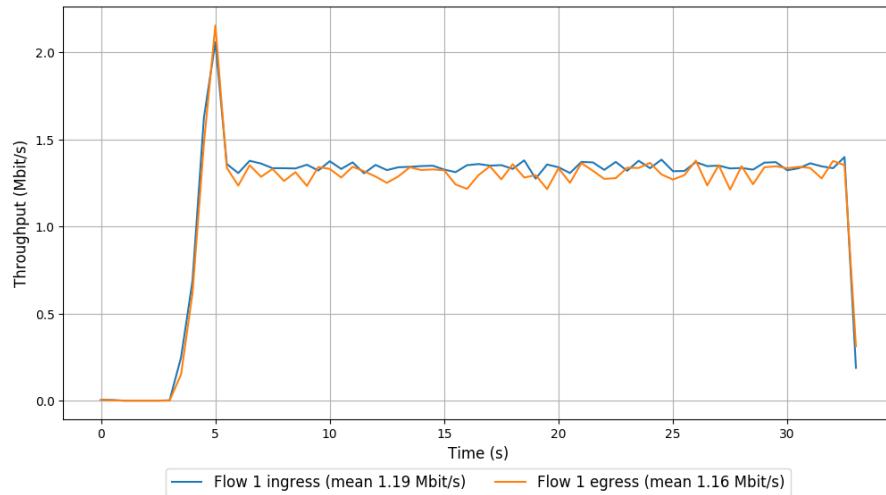


Run 7: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:59:43 +0000
End at: Fri, 16 Jun 2017 01:00:13 +0000
Local clock offset: -5.786 ms
Remote clock offset: -20.033 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 43.547 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 43.547 ms
Loss rate: 2.84%
```

Run 7: Report of PCC — Data Link

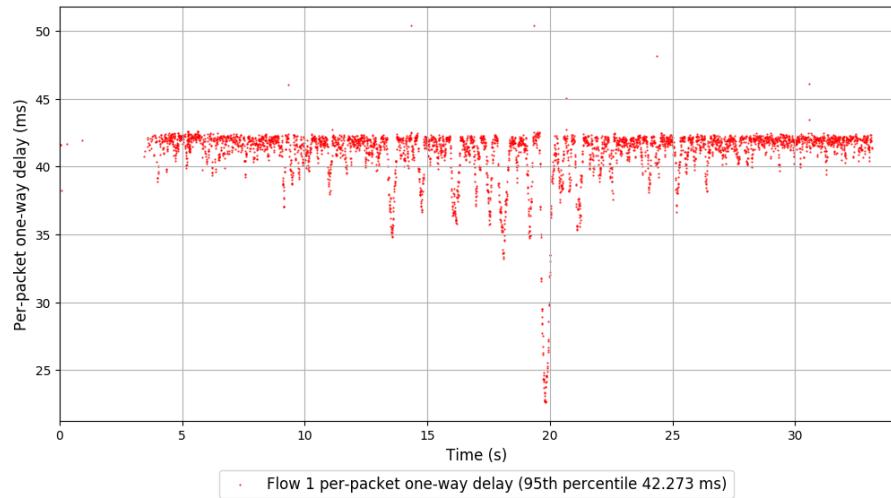
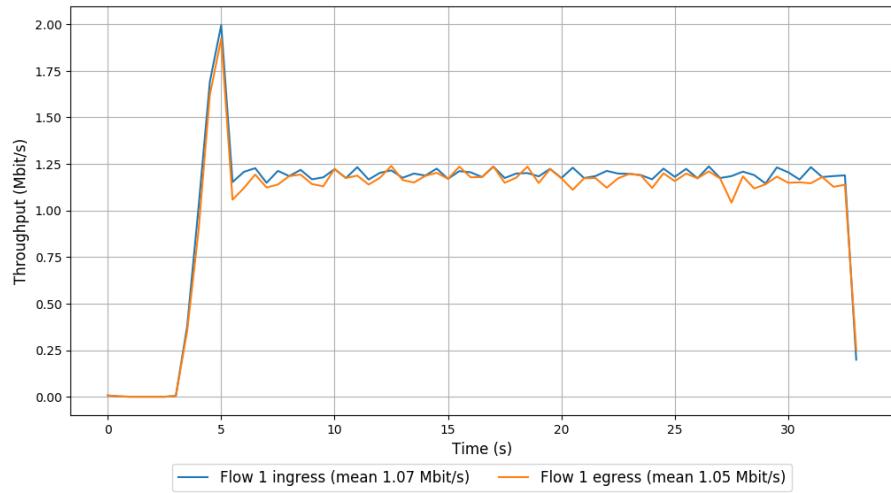


Run 8: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 01:17:10 +0000
End at: Fri, 16 Jun 2017 01:17:40 +0000
Local clock offset: -6.979 ms
Remote clock offset: -18.81 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 42.273 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 42.273 ms
Loss rate: 2.57%
```

Run 8: Report of PCC — Data Link

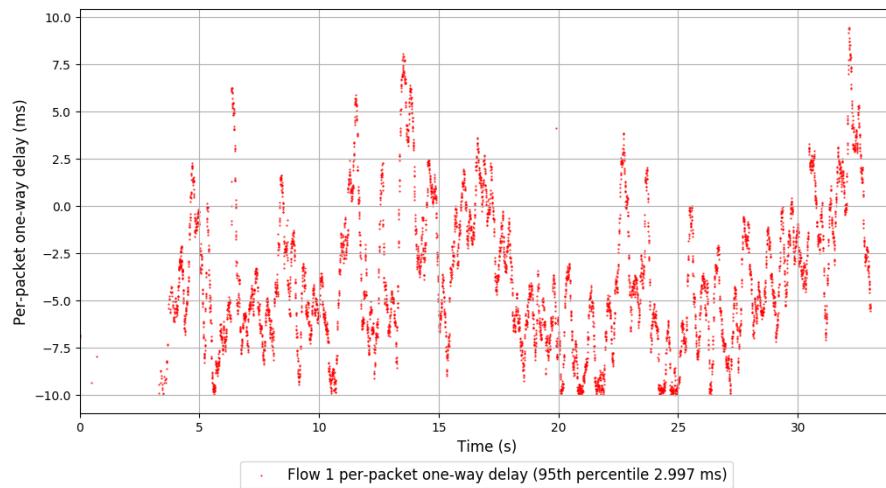
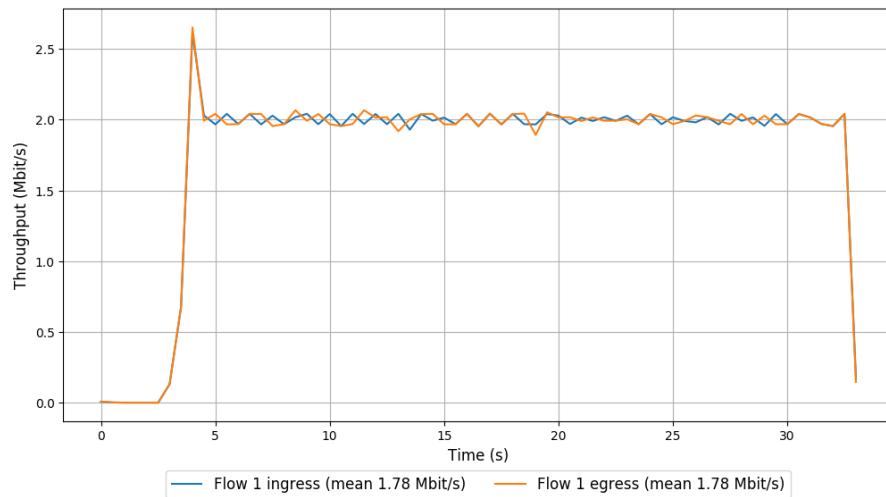


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 01:34:54 +0000
End at: Fri, 16 Jun 2017 01:35:24 +0000
Local clock offset: -7.857 ms
Remote clock offset: 2.512 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 2.997 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 2.997 ms
Loss rate: 0.02%
```

Run 9: Report of PCC — Data Link

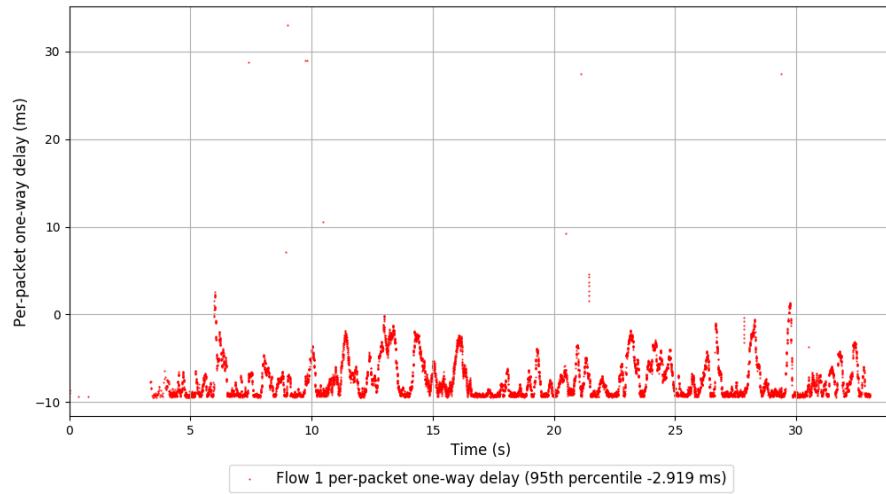
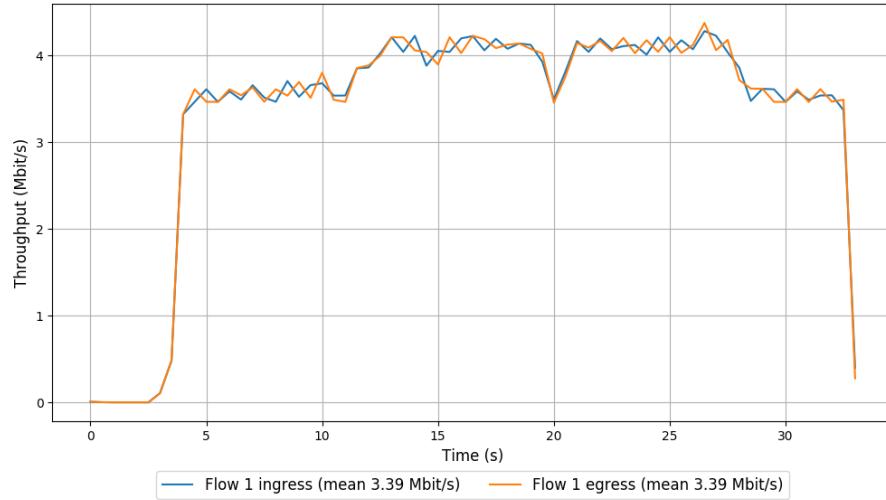


Run 10: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 01:53:01 +0000
End at: Fri, 16 Jun 2017 01:53:31 +0000
Local clock offset: -7.98 ms
Remote clock offset: 3.47 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: -2.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: -2.919 ms
Loss rate: 0.00%
```

Run 10: Report of PCC — Data Link

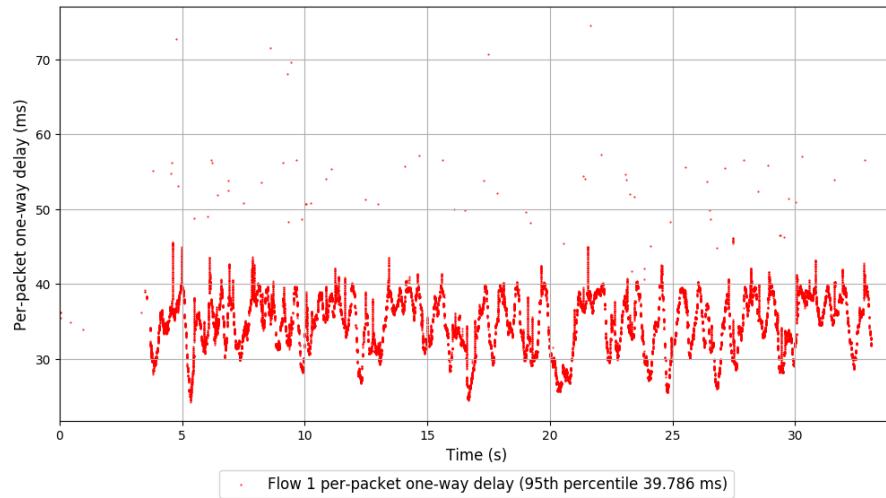
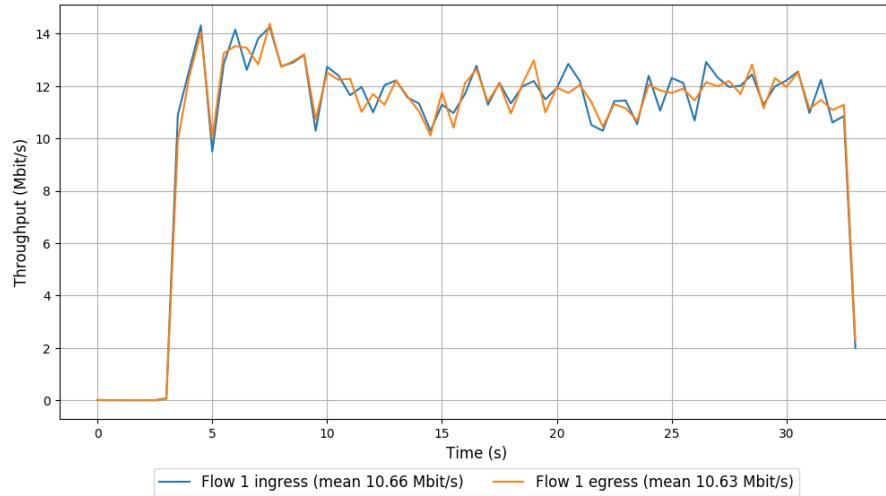


```
Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 15 Jun 2017 23:17:51 +0000
End at: Thu, 15 Jun 2017 23:18:21 +0000
Local clock offset: -0.764 ms
Remote clock offset: -14.703 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 39.786 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 39.786 ms
Loss rate: 0.30%
```

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

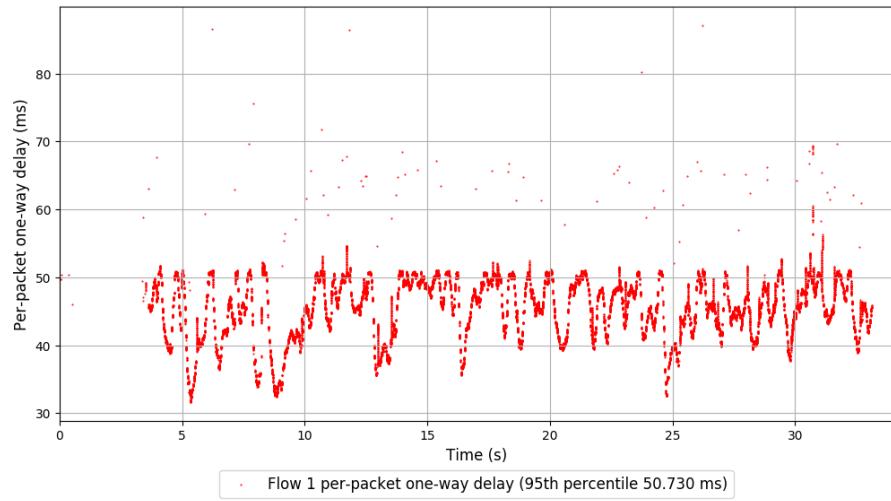
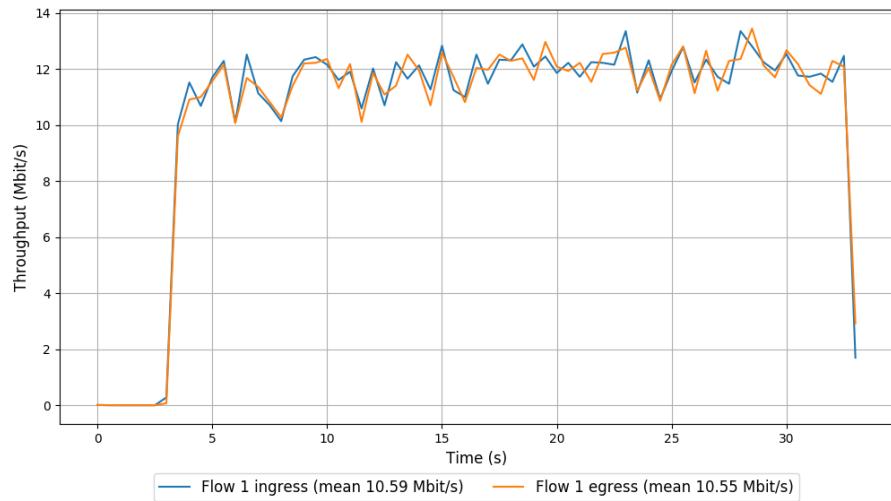


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 15 Jun 2017 23:35:15 +0000
End at: Thu, 15 Jun 2017 23:35:45 +0000
Local clock offset: 0.382 ms
Remote clock offset: -18.167 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 50.730 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 50.730 ms
Loss rate: 0.40%
```

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

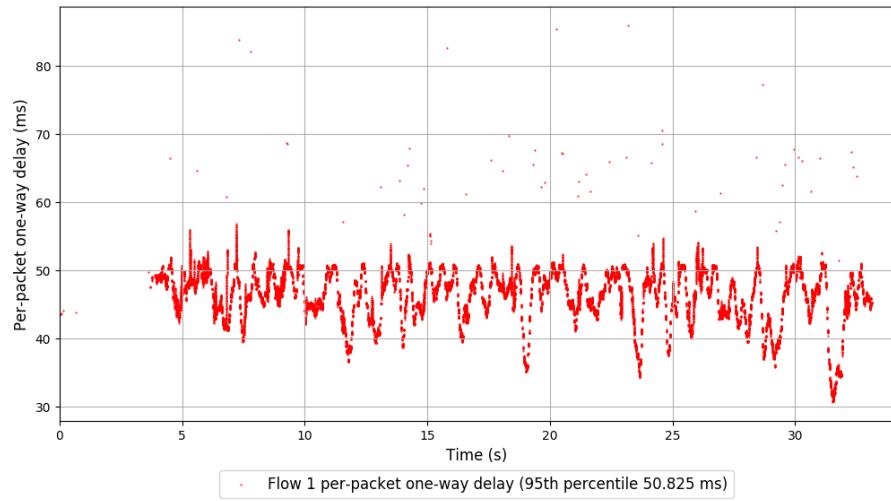
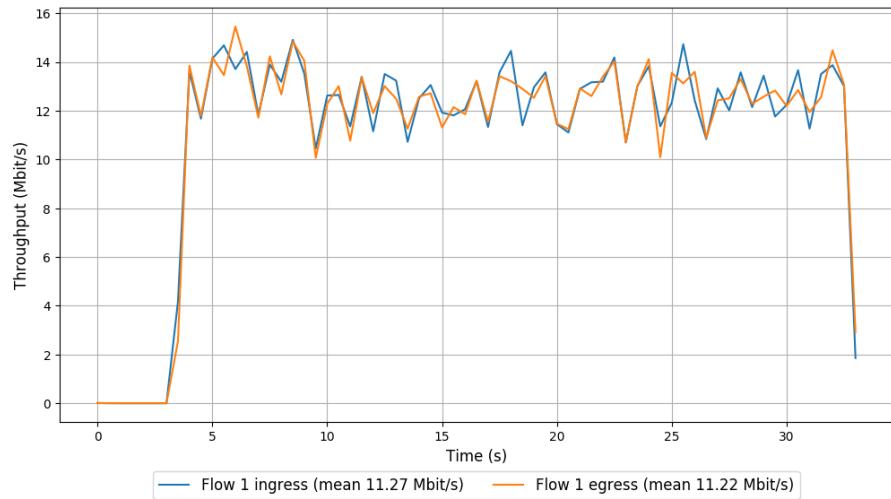


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 15 Jun 2017 23:52:35 +0000
End at: Thu, 15 Jun 2017 23:53:05 +0000
Local clock offset: 0.636 ms
Remote clock offset: -13.416 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 50.825 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 50.825 ms
Loss rate: 0.39%
```

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

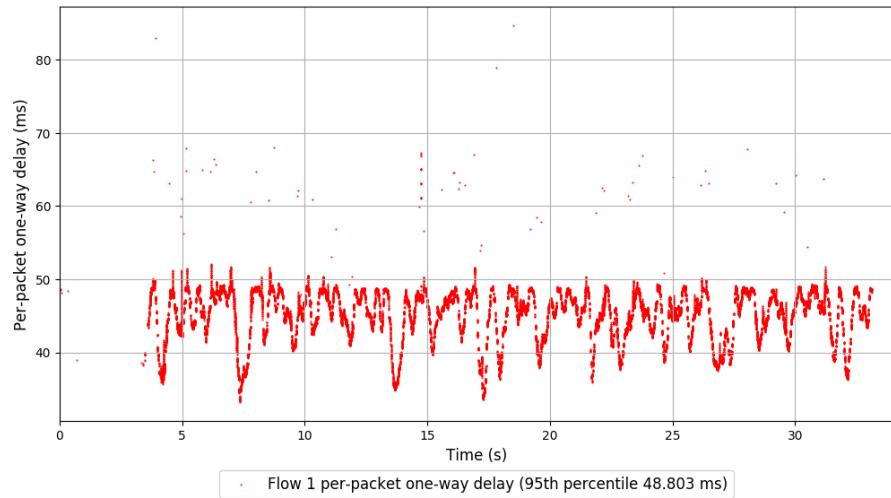
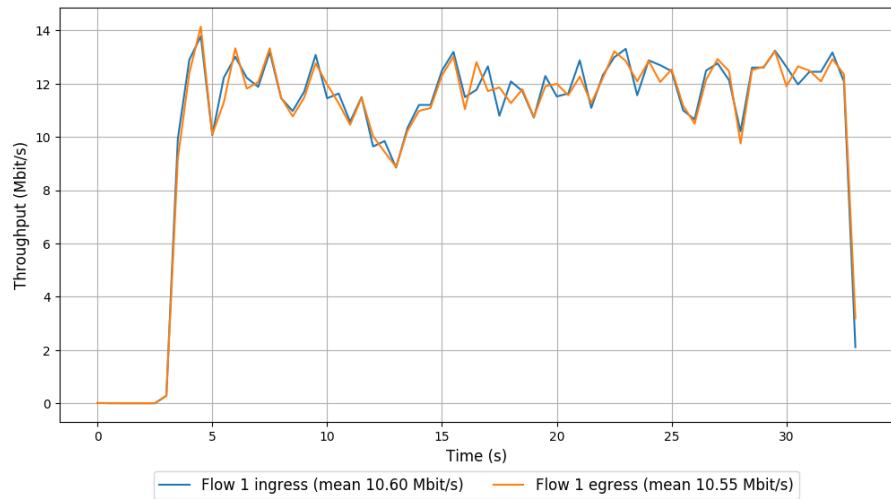


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:10:09 +0000
End at: Fri, 16 Jun 2017 00:10:39 +0000
Local clock offset: -1.041 ms
Remote clock offset: -18.632 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:07:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 48.803 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 48.803 ms
Loss rate: 0.50%
```

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

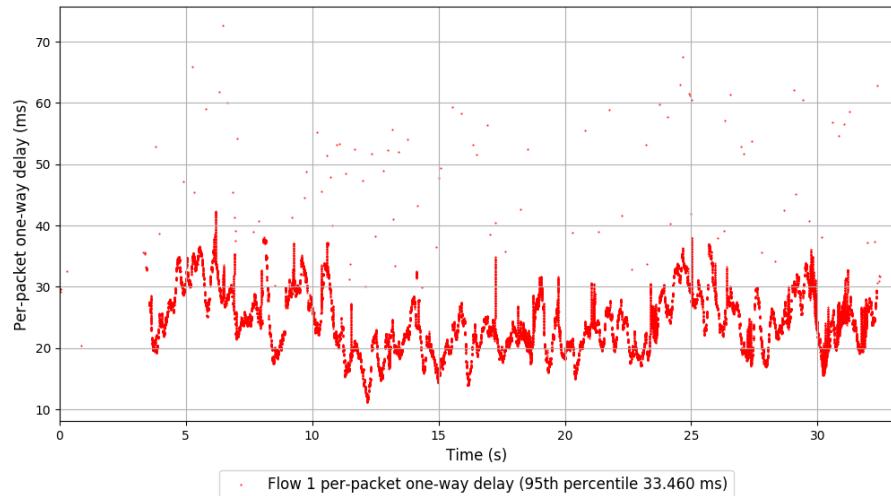
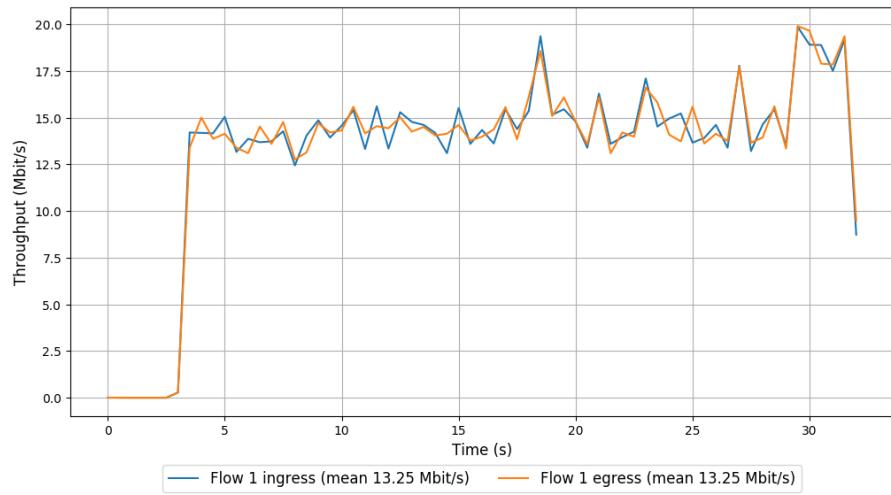


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:27:57 +0000
End at: Fri, 16 Jun 2017 00:28:27 +0000
Local clock offset: -2.808 ms
Remote clock offset: -16.516 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 33.460 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 33.460 ms
Loss rate: 0.03%
```

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

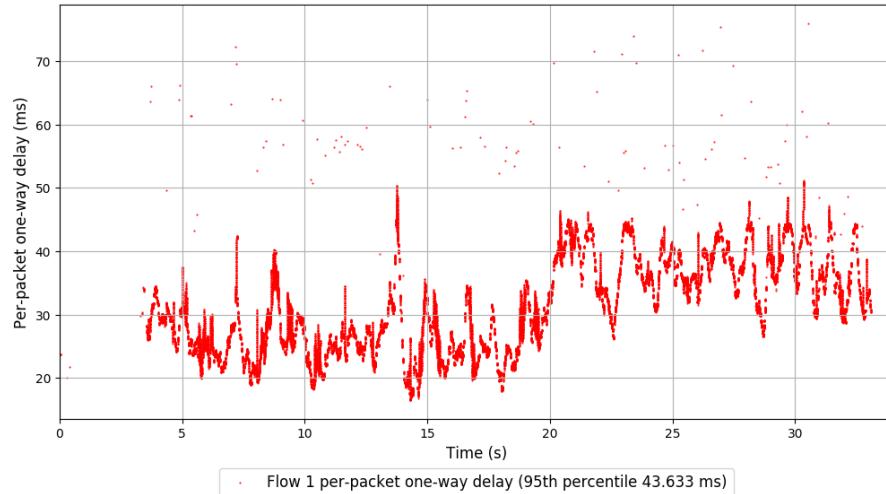
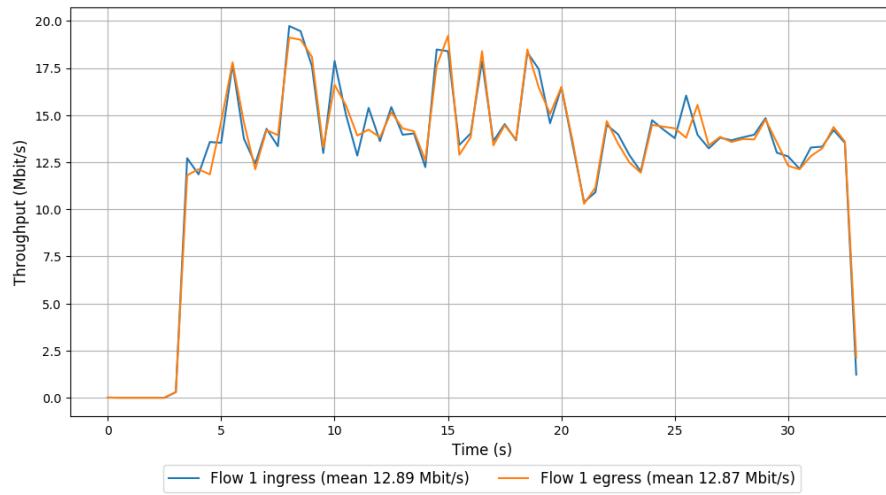


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:45:41 +0000
End at: Fri, 16 Jun 2017 00:46:11 +0000
Local clock offset: -5.133 ms
Remote clock offset: -9.17 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 43.633 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 43.633 ms
Loss rate: 0.18%
```

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

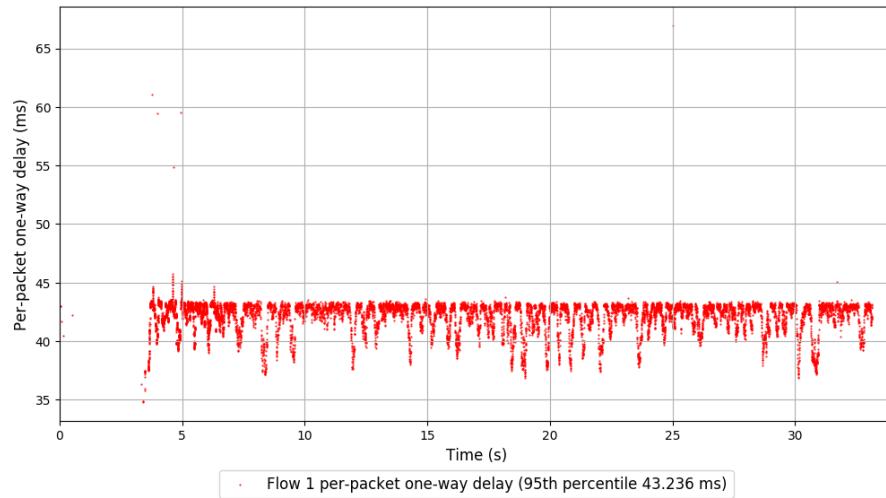
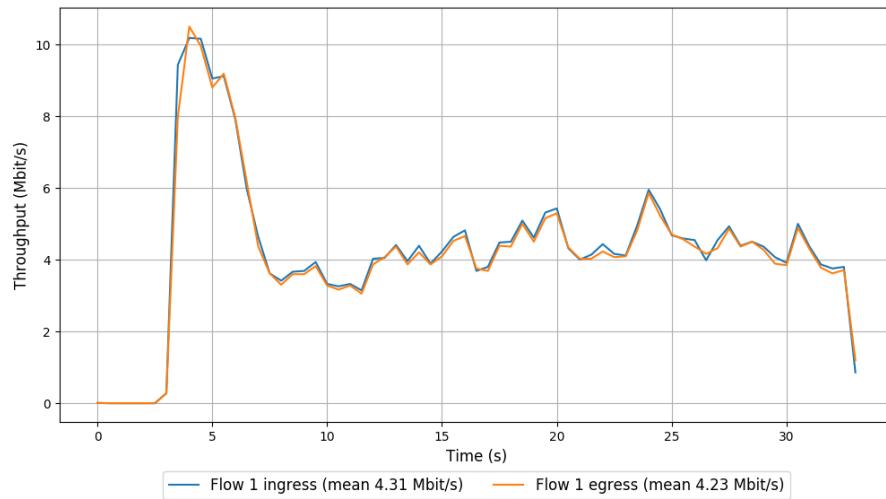


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:03:02 +0000
End at: Fri, 16 Jun 2017 01:03:32 +0000
Local clock offset: -5.958 ms
Remote clock offset: -14.496 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 43.236 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 43.236 ms
Loss rate: 1.91%
```

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

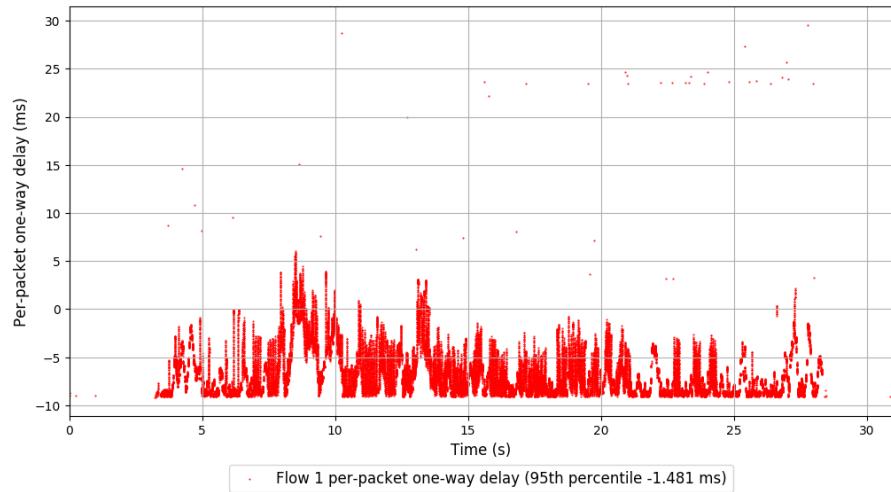
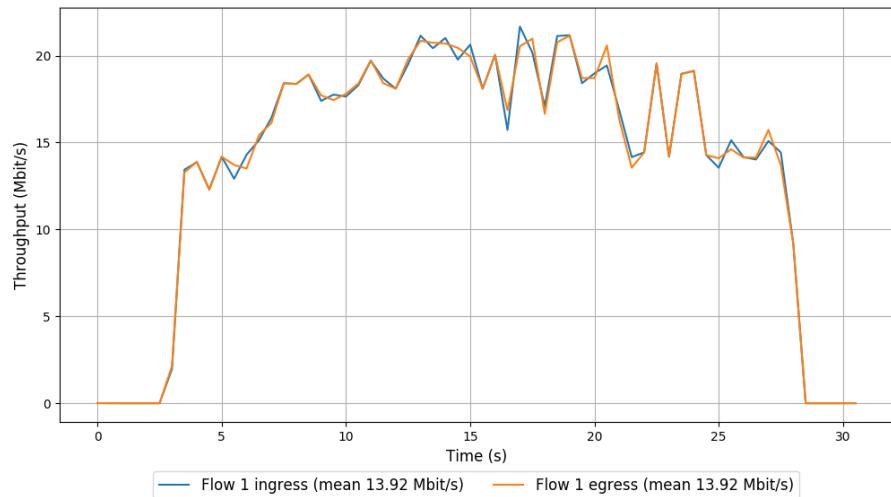


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:20:36 +0000
End at: Fri, 16 Jun 2017 01:21:06 +0000
Local clock offset: -7.231 ms
Remote clock offset: 3.948 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: -1.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: -1.481 ms
Loss rate: 0.00%
```

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

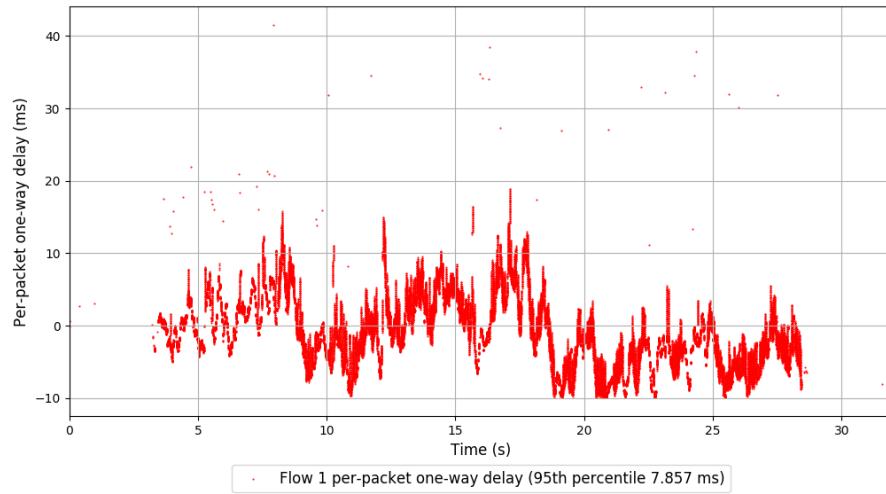
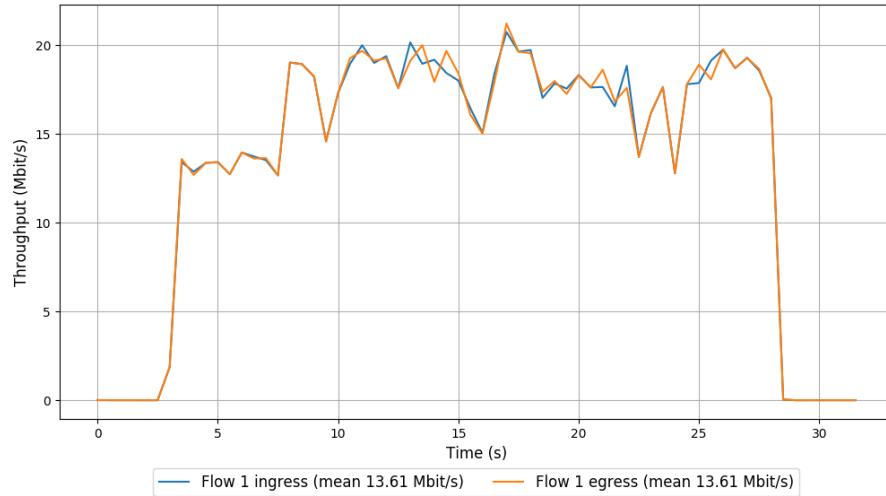


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:38:32 +0000
End at: Fri, 16 Jun 2017 01:39:03 +0000
Local clock offset: -8.045 ms
Remote clock offset: 3.626 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 7.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 7.857 ms
Loss rate: 0.00%
```

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



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

```
Start at: Fri, 16 Jun 2017 01:56:39 +0000
```

```
End at: Fri, 16 Jun 2017 01:57:09 +0000
```

```
Local clock offset: -8.007 ms
```

```
Remote clock offset: 3.247 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:26 +0000
```

```
# Datalink statistics
```

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

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

```
95th percentile per-packet one-way delay: -3.290 ms
```

```
Loss rate: 0.00%
```

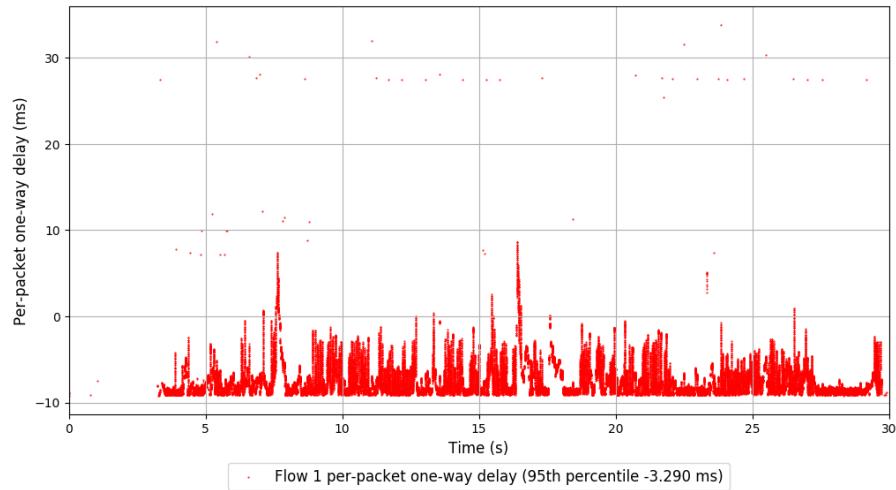
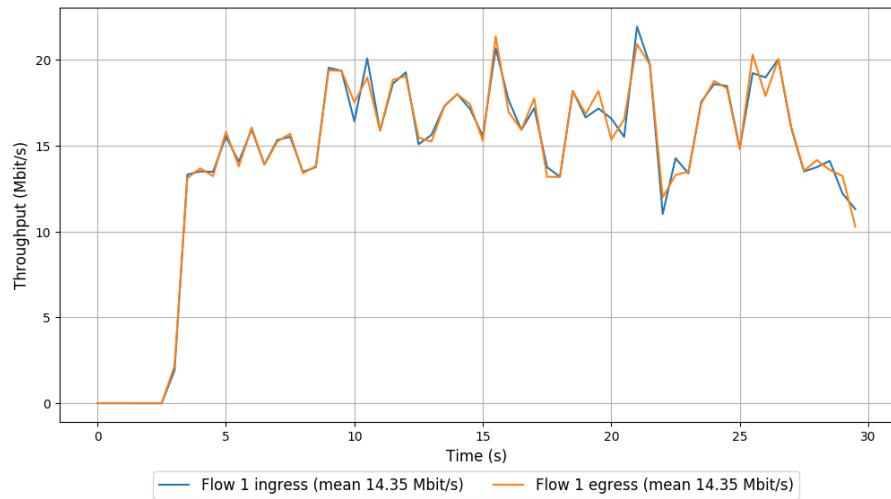
```
-- Flow 1:
```

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

```
95th percentile per-packet one-way delay: -3.290 ms
```

```
Loss rate: 0.00%
```

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

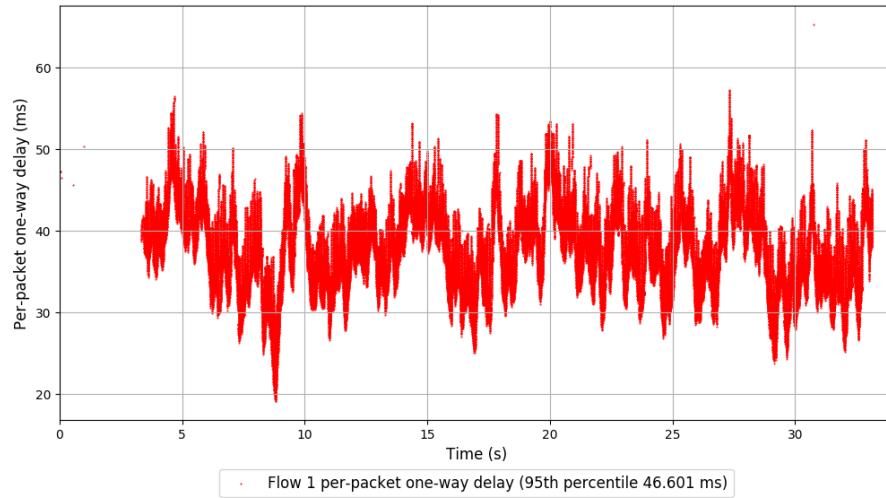
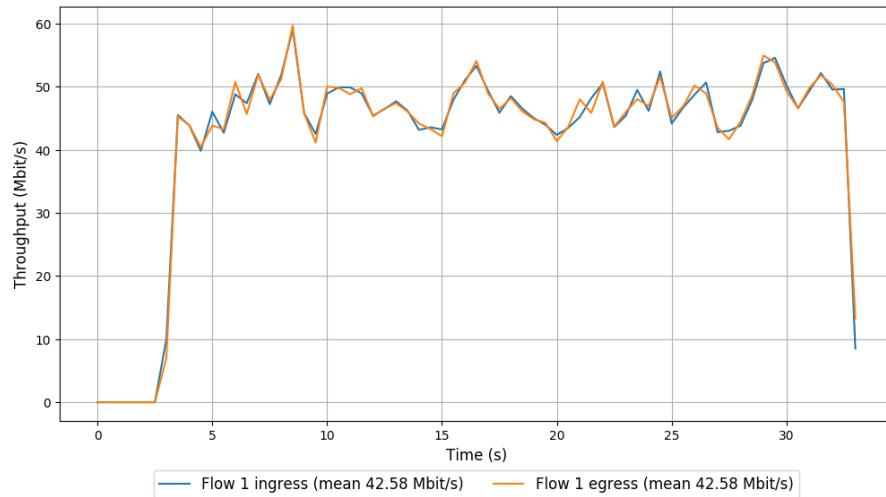


Run 1: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:13:01 +0000
End at: Thu, 15 Jun 2017 23:13:31 +0000
Local clock offset: -1.472 ms
Remote clock offset: -11.082 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 46.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 46.601 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

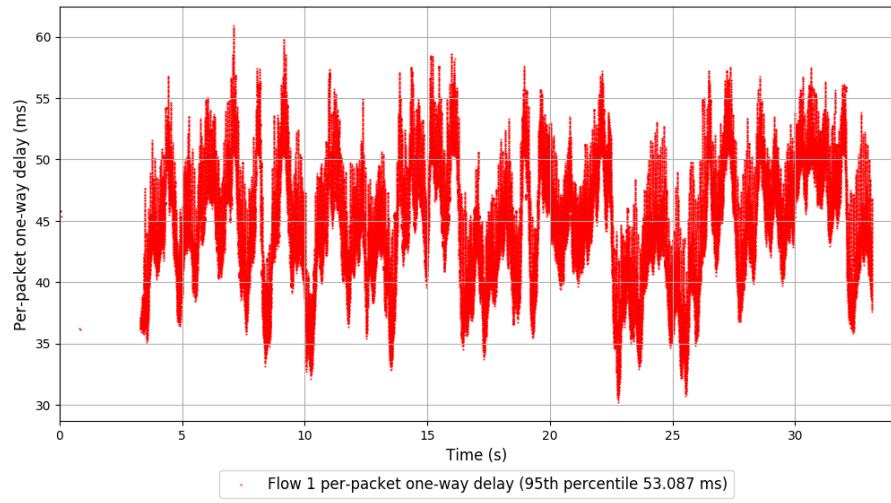
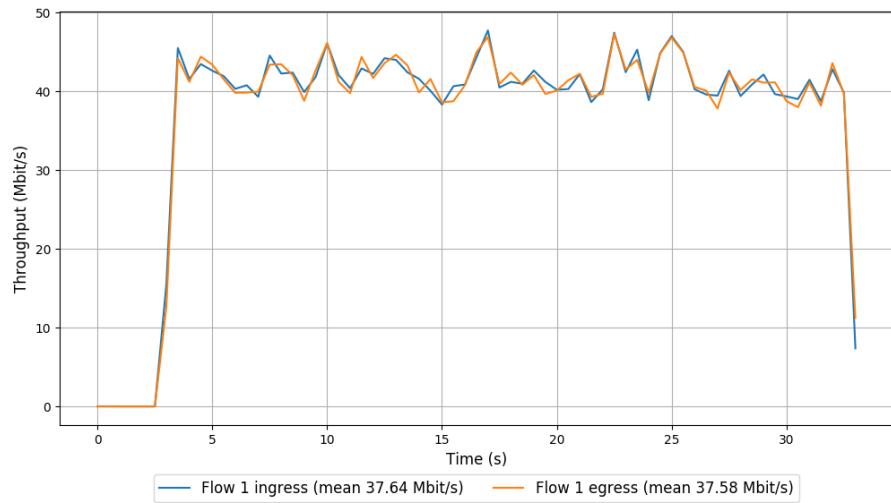


Run 2: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:30:31 +0000
End at: Thu, 15 Jun 2017 23:31:01 +0000
Local clock offset: 0.248 ms
Remote clock offset: -17.744 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:08:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 53.087 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 53.087 ms
Loss rate: 0.14%
```

Run 2: Report of Saturator — Data Link

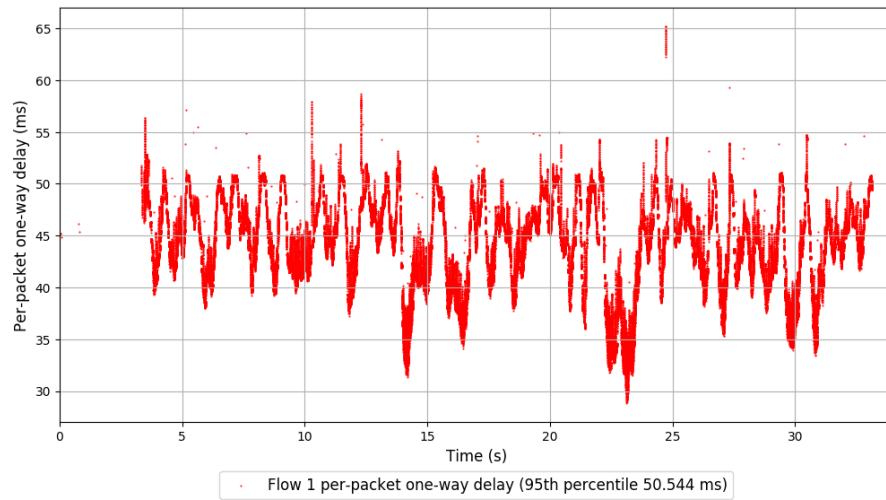
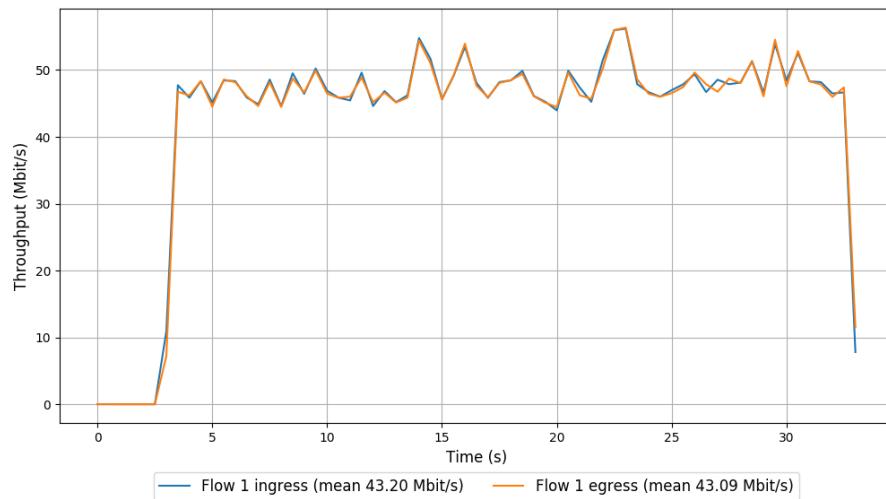


Run 3: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:47:52 +0000
End at: Thu, 15 Jun 2017 23:48:22 +0000
Local clock offset: 0.69 ms
Remote clock offset: -18.159 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:09:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.09 Mbit/s
95th percentile per-packet one-way delay: 50.544 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 43.09 Mbit/s
95th percentile per-packet one-way delay: 50.544 ms
Loss rate: 0.25%
```

Run 3: Report of Saturator — Data Link

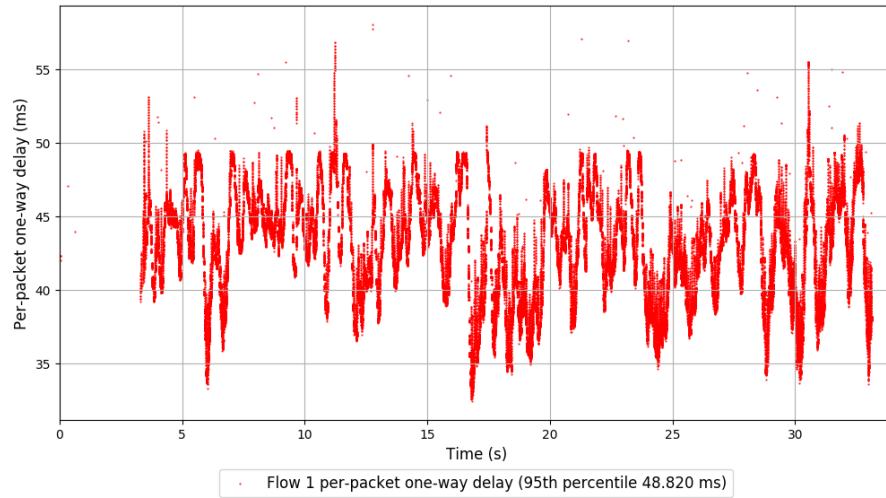
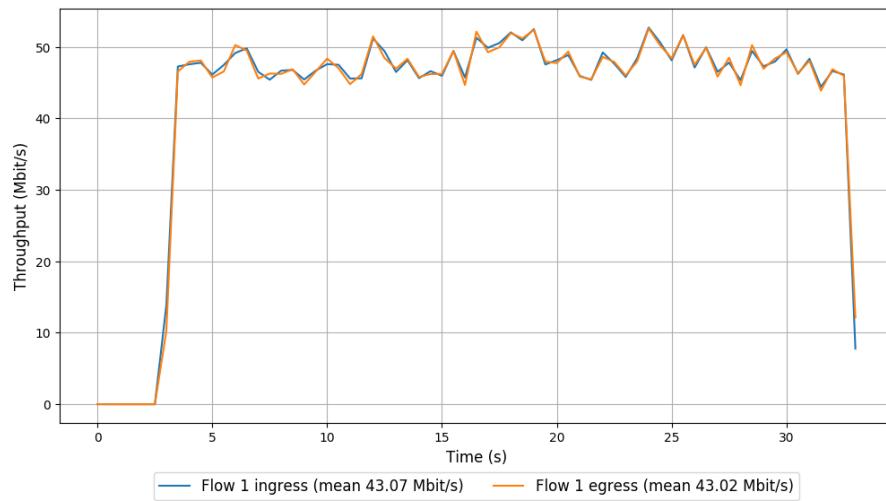


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:05:20 +0000
End at: Fri, 16 Jun 2017 00:05:50 +0000
Local clock offset: -0.605 ms
Remote clock offset: -12.179 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:09:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.11%
```

Run 4: Report of Saturator — Data Link

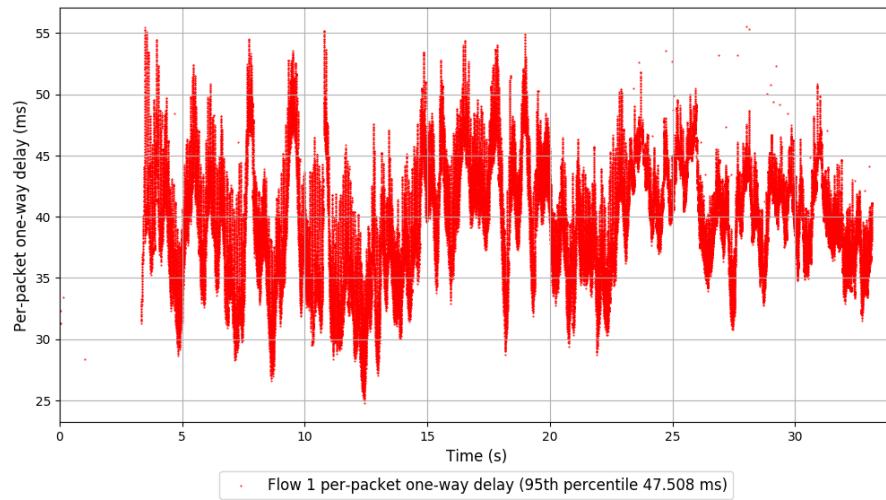
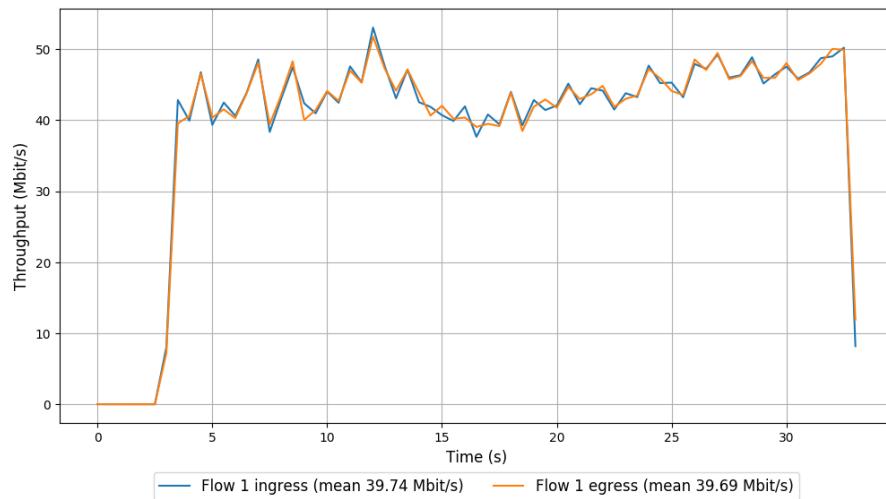


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:23:00 +0000
End at: Fri, 16 Jun 2017 00:23:30 +0000
Local clock offset: -2.323 ms
Remote clock offset: -12.289 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:09:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 47.508 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 47.508 ms
Loss rate: 0.09%
```

Run 5: Report of Saturator — Data Link

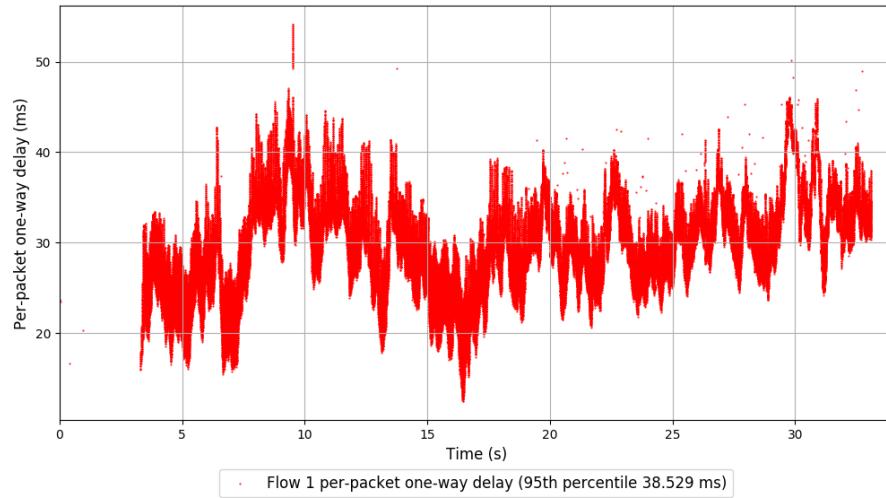
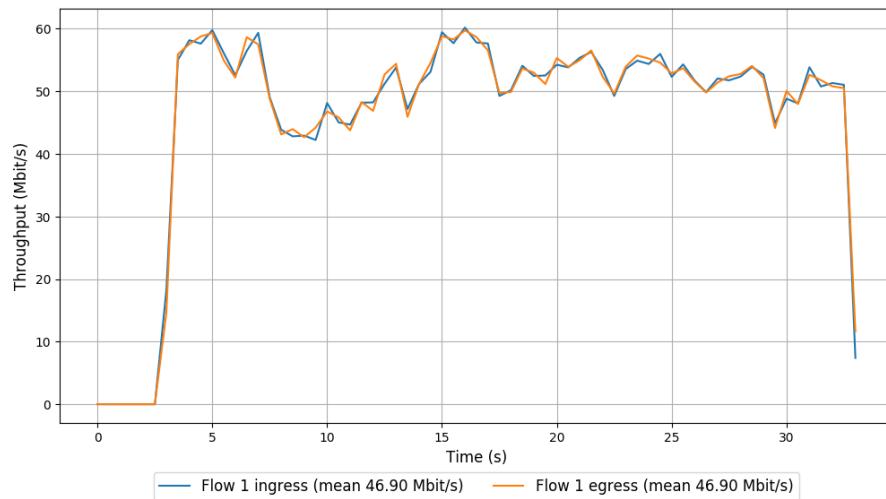


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:40:47 +0000
End at: Fri, 16 Jun 2017 00:41:17 +0000
Local clock offset: -4.63 ms
Remote clock offset: -4.752 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:09:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 38.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 38.529 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 16 Jun 2017 00:58:25 +0000

End at: Fri, 16 Jun 2017 00:58:55 +0000

Local clock offset: -5.713 ms

Remote clock offset: -19.69 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:09:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.91 Mbit/s

95th percentile per-packet one-way delay: 44.126 ms

Loss rate: 3.79%

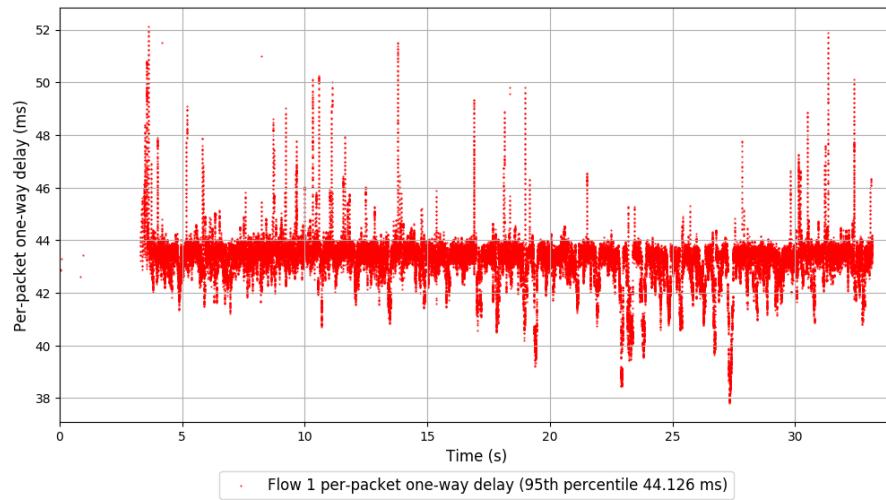
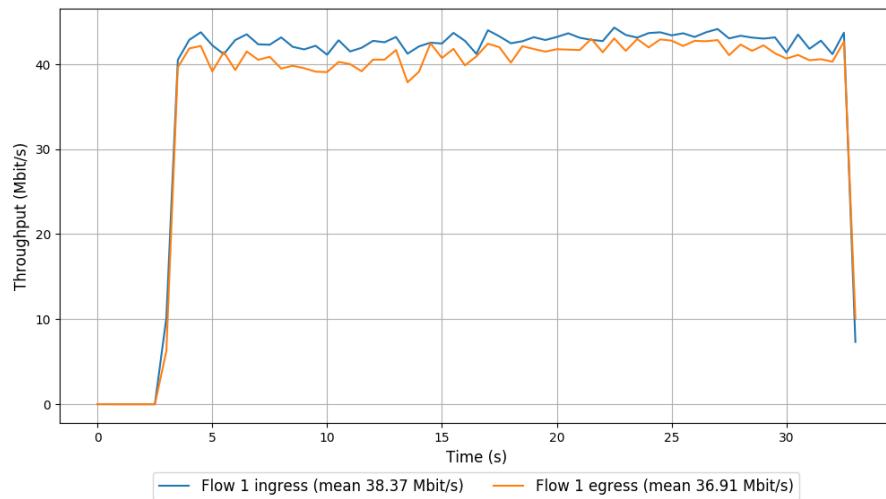
-- Flow 1:

Average throughput: 36.91 Mbit/s

95th percentile per-packet one-way delay: 44.126 ms

Loss rate: 3.79%

Run 7: Report of Saturator — Data Link

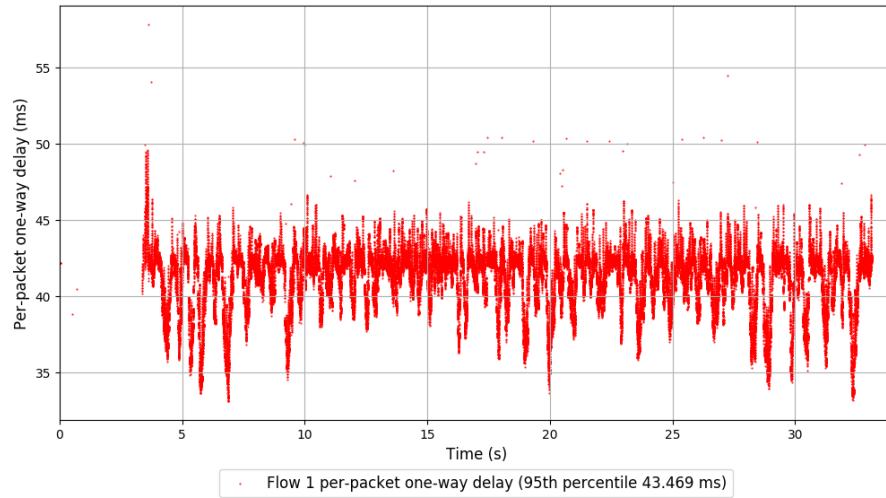
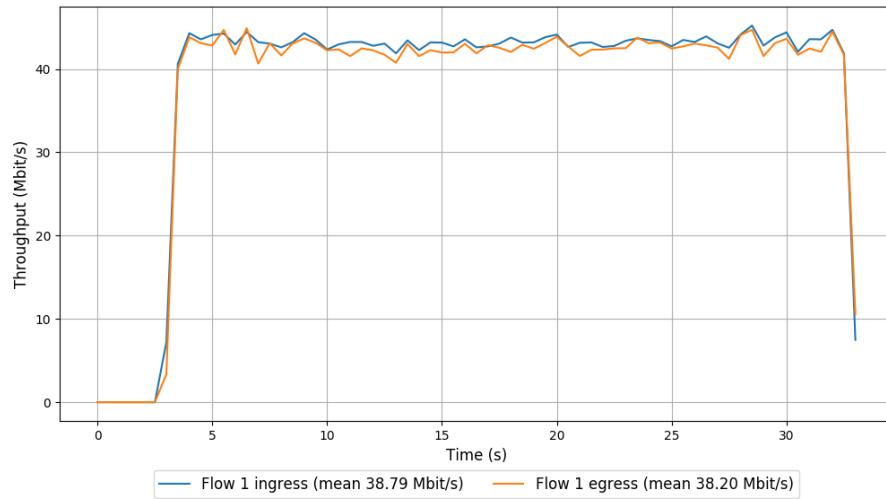


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:15:50 +0000
End at: Fri, 16 Jun 2017 01:16:20 +0000
Local clock offset: -6.844 ms
Remote clock offset: -20.428 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:09:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 43.469 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 43.469 ms
Loss rate: 1.53%
```

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Fri, 16 Jun 2017 01:33:29 +0000

End at: Fri, 16 Jun 2017 01:33:59 +0000

Local clock offset: -7.805 ms

Remote clock offset: 2.686 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:10:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.07 Mbit/s

95th percentile per-packet one-way delay: 11.701 ms

Loss rate: 0.00%

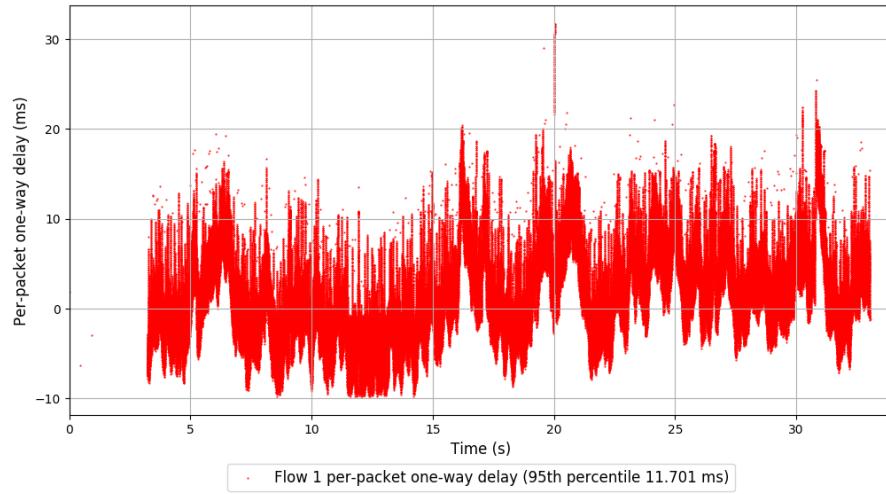
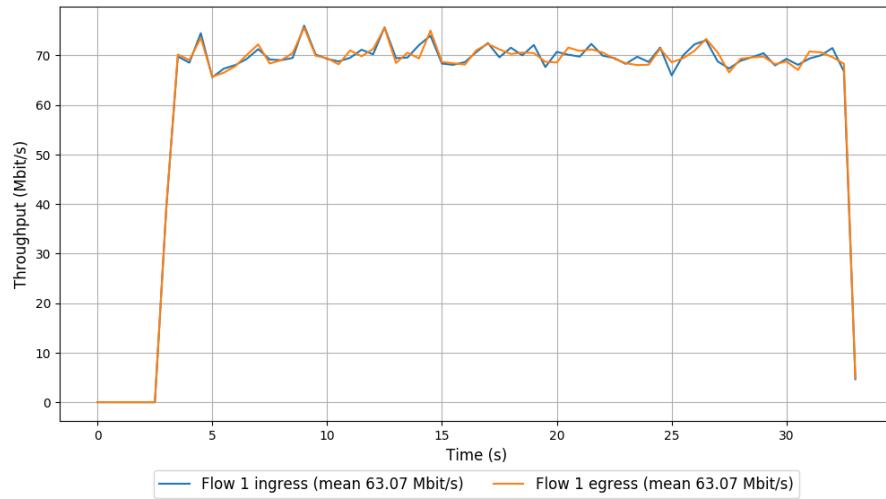
-- Flow 1:

Average throughput: 63.07 Mbit/s

95th percentile per-packet one-way delay: 11.701 ms

Loss rate: 0.00%

Run 9: Report of Saturator — Data Link

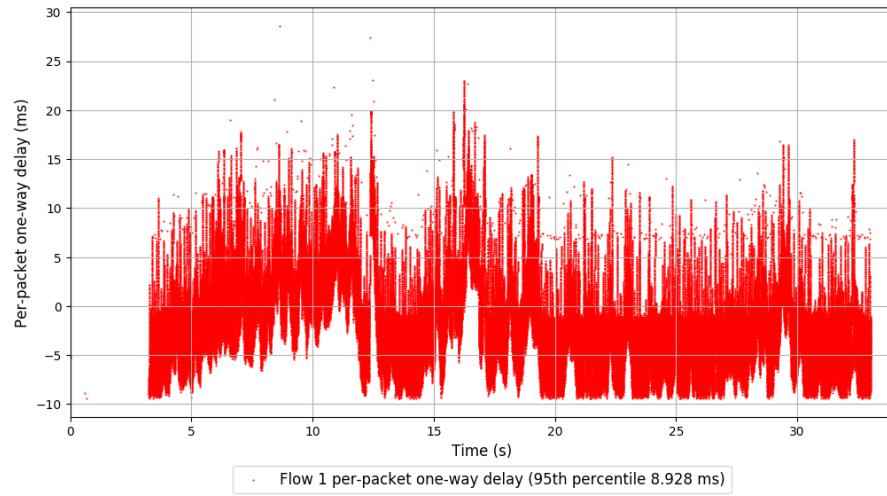
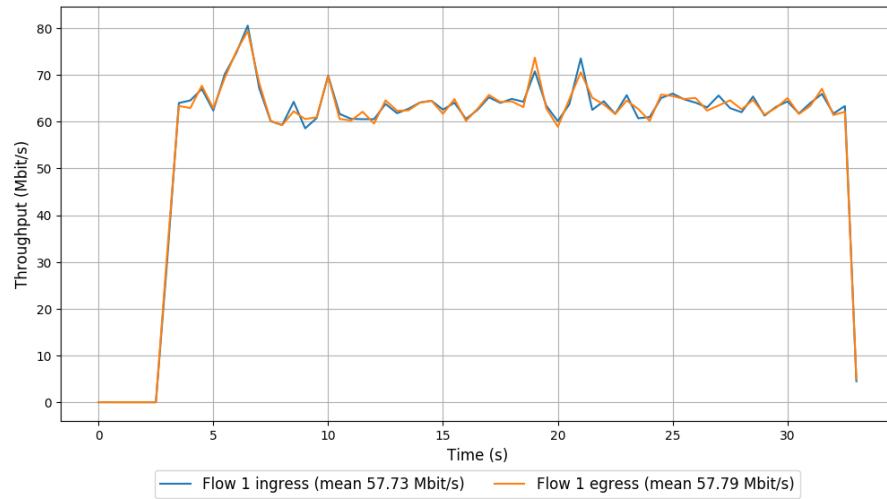


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:51:36 +0000
End at: Fri, 16 Jun 2017 01:52:06 +0000
Local clock offset: -7.997 ms
Remote clock offset: 3.405 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 8.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 8.928 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

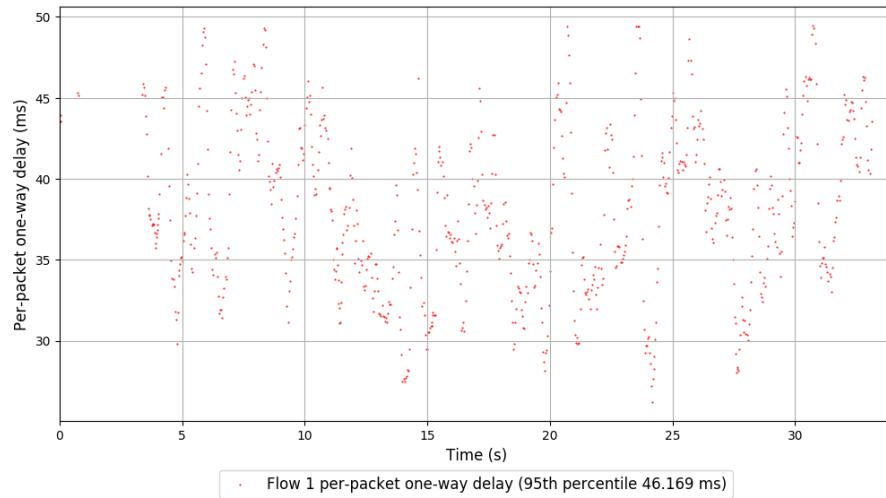
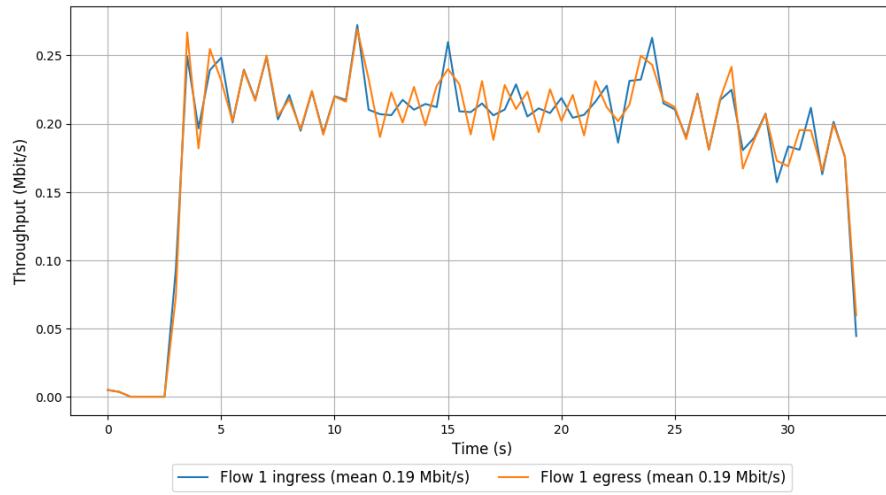


```
Run 1: Statistics of SCReAM
```

```
Start at: Thu, 15 Jun 2017 23:11:56 +0000
End at: Thu, 15 Jun 2017 23:12:26 +0000
Local clock offset: -1.562 ms
Remote clock offset: -14.41 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 46.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 46.169 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

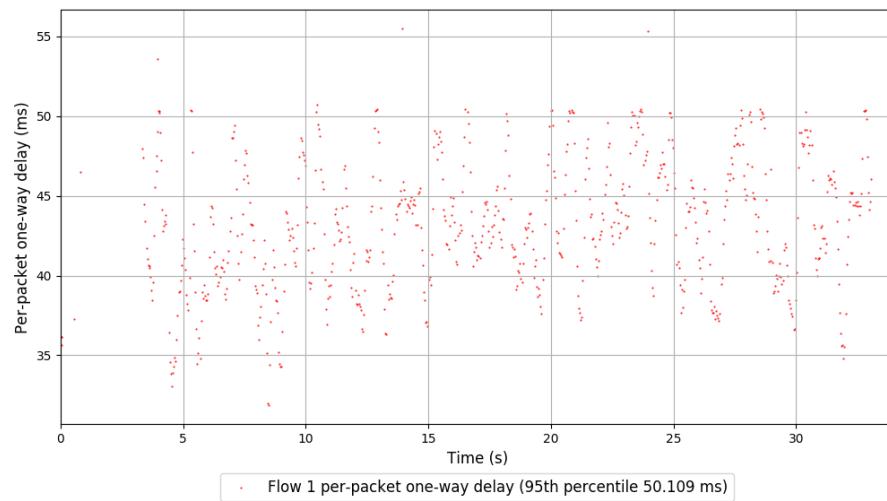
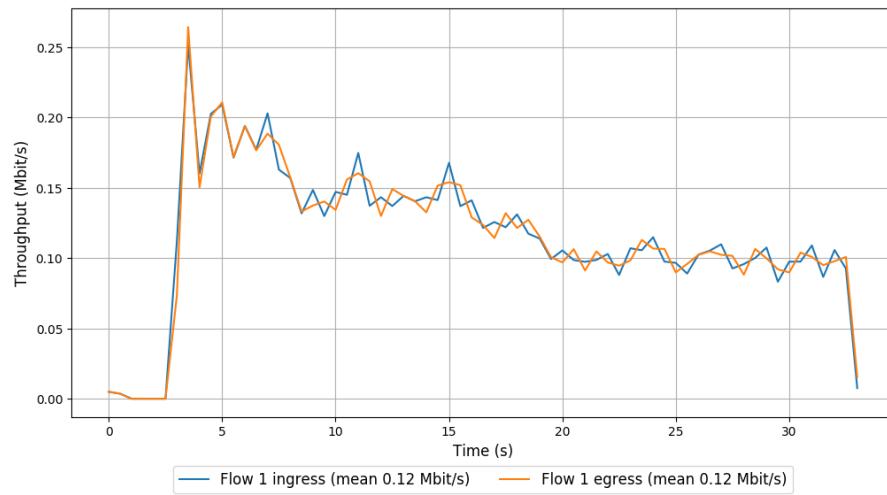


Run 2: Statistics of SCReAM

```
Start at: Thu, 15 Jun 2017 23:29:26 +0000
End at: Thu, 15 Jun 2017 23:29:56 +0000
Local clock offset: 0.209 ms
Remote clock offset: -13.453 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 50.109 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 50.109 ms
Loss rate: 0.42%
```

Run 2: Report of SCReAM — Data Link

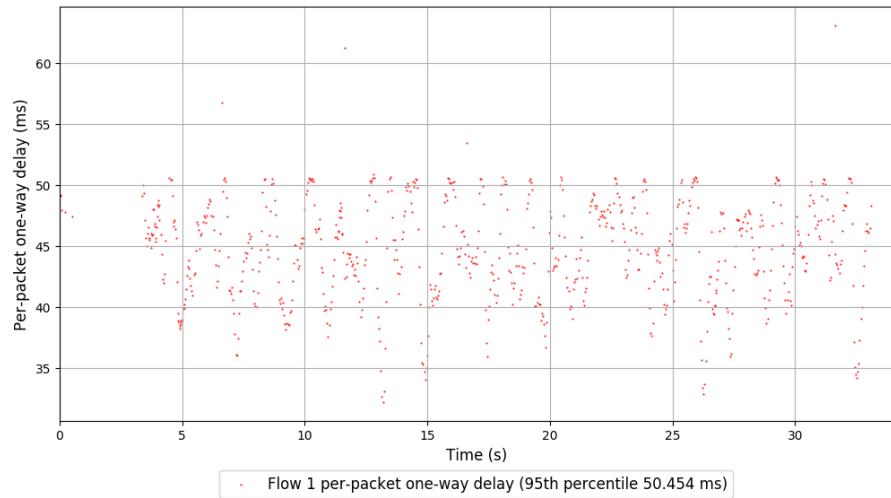
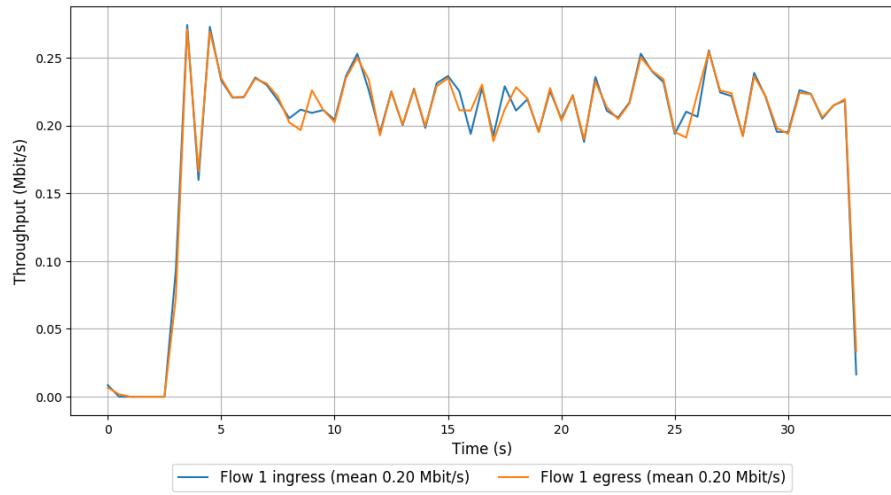


Run 3: Statistics of SCReAM

```
Start at: Thu, 15 Jun 2017 23:46:47 +0000
End at: Thu, 15 Jun 2017 23:47:17 +0000
Local clock offset: 0.591 ms
Remote clock offset: -14.318 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.454 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

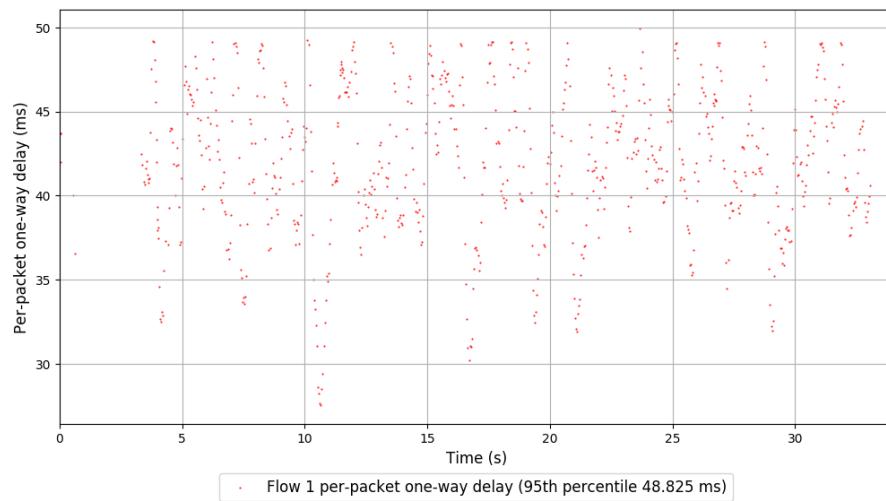
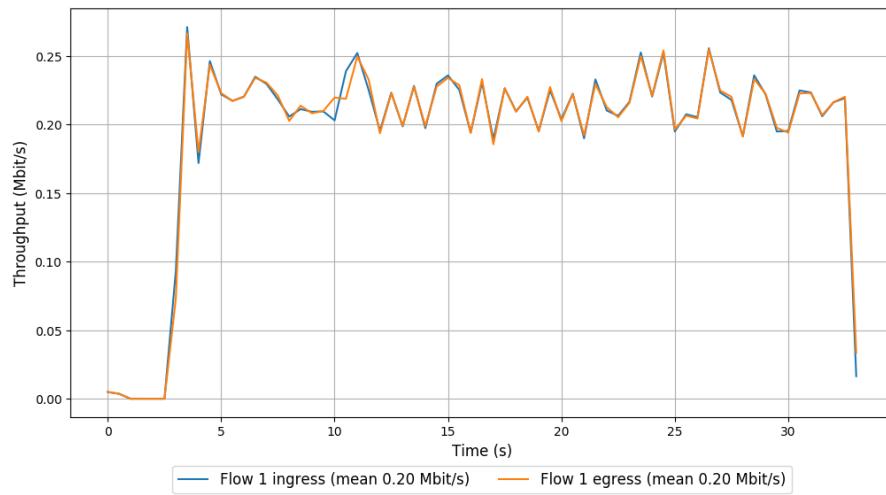


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:04:14 +0000
End at: Fri, 16 Jun 2017 00:04:44 +0000
Local clock offset: -0.349 ms
Remote clock offset: -16.305 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.825 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.825 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

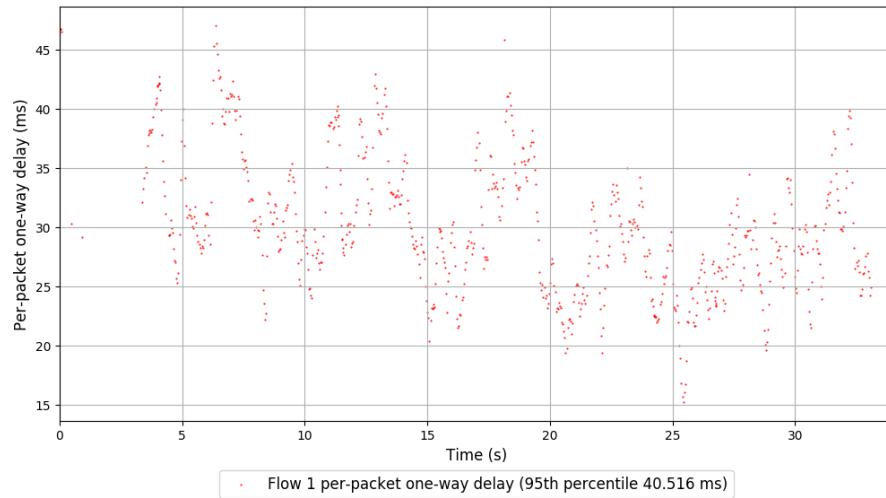
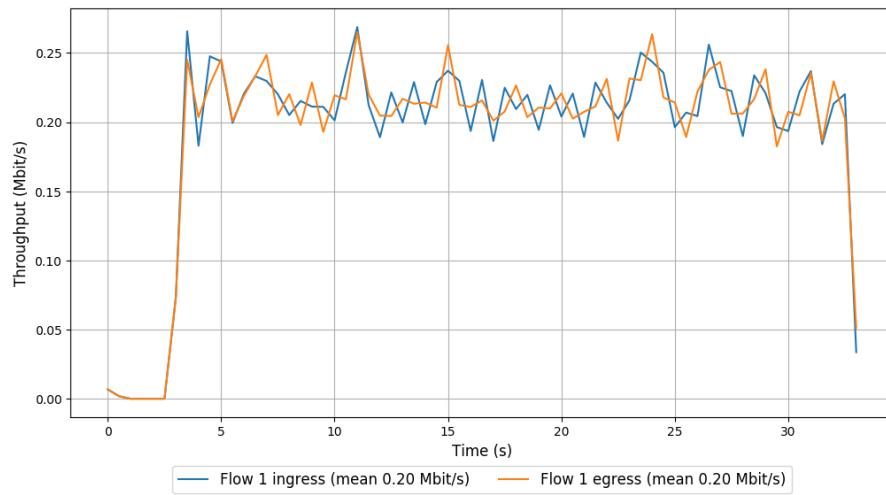


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:21:54 +0000
End at: Fri, 16 Jun 2017 00:22:24 +0000
Local clock offset: -2.298 ms
Remote clock offset: -8.88 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.516 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

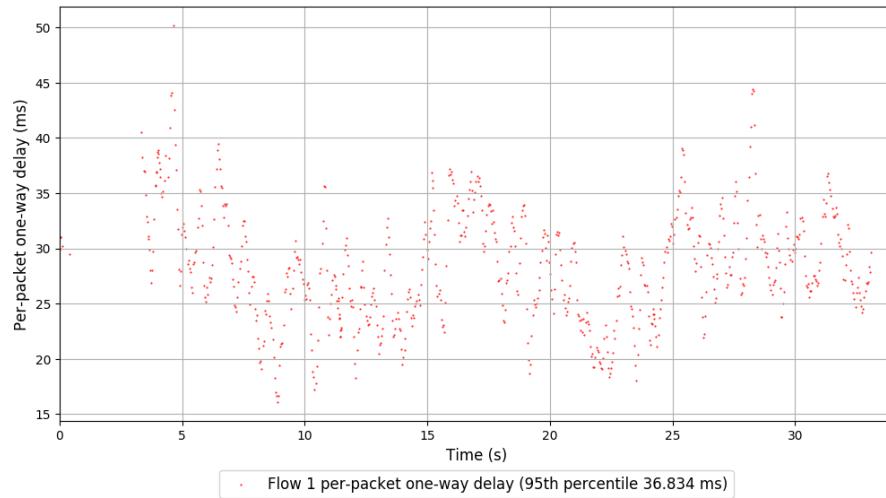
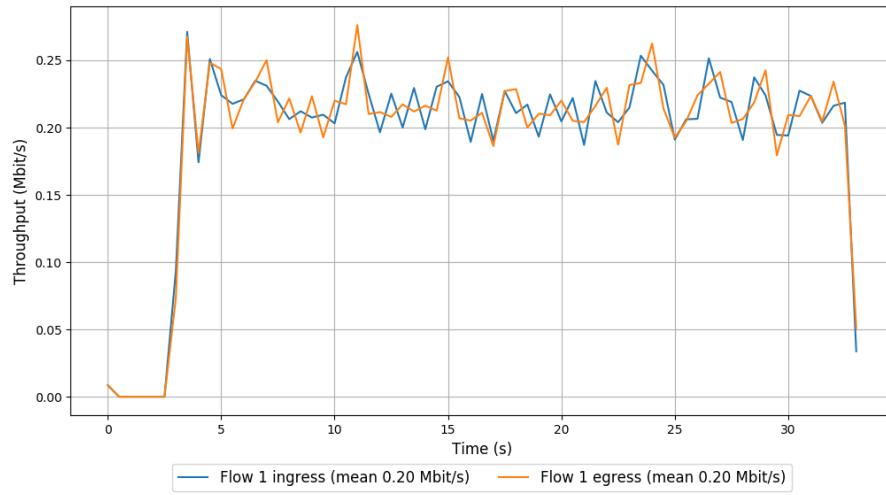


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:39:42 +0000
End at: Fri, 16 Jun 2017 00:40:12 +0000
Local clock offset: -4.572 ms
Remote clock offset: -15.43 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 36.834 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

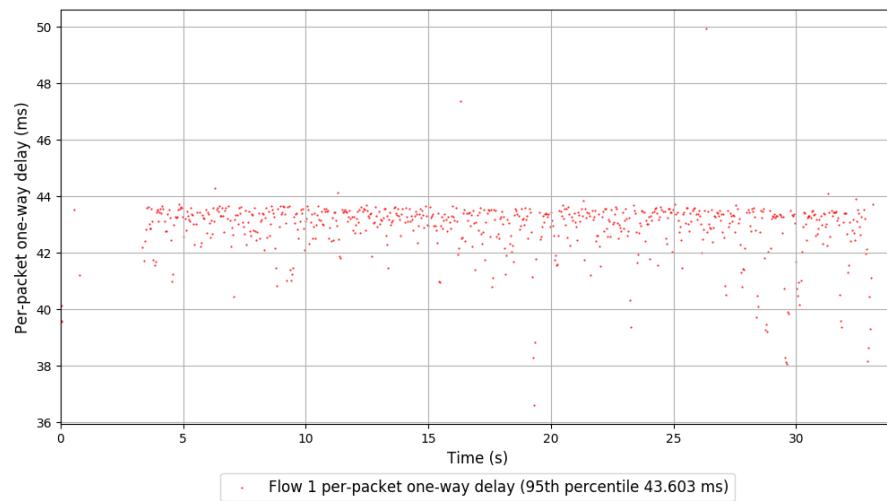
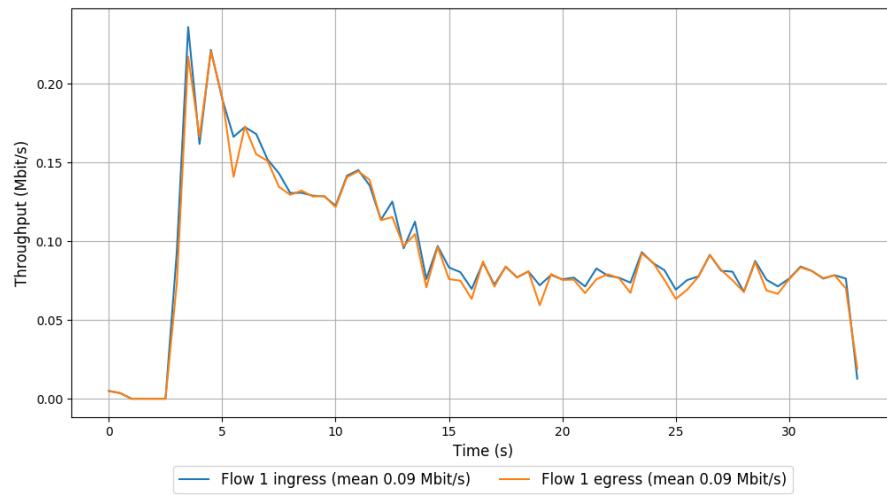


Run 7: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:57:20 +0000
End at: Fri, 16 Jun 2017 00:57:50 +0000
Local clock offset: -5.644 ms
Remote clock offset: -21.407 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 43.603 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 43.603 ms
Loss rate: 3.05%
```

Run 7: Report of SCReAM — Data Link

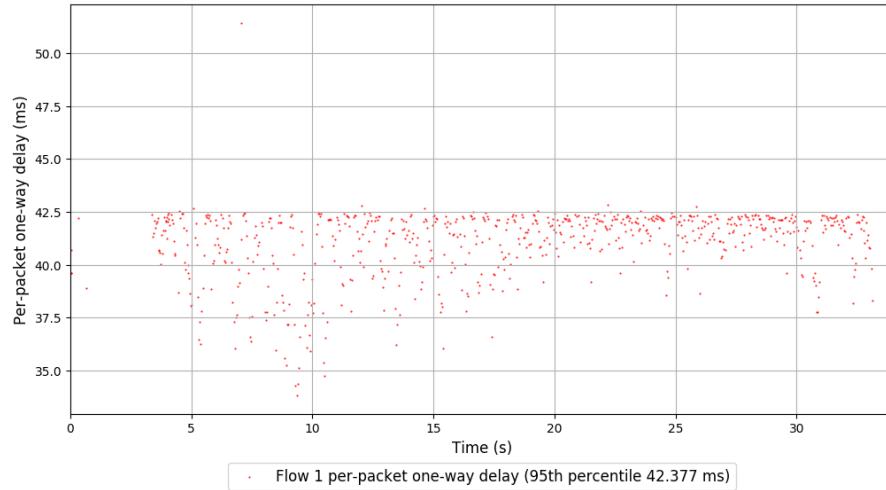
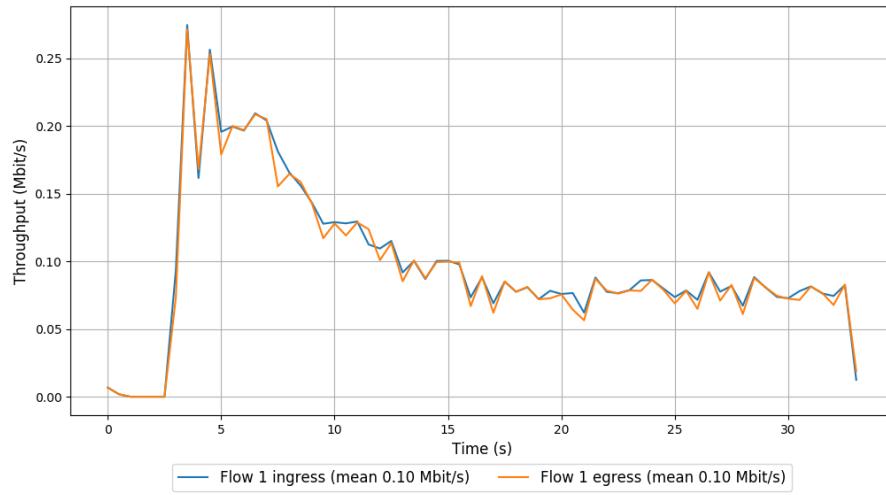


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:14:44 +0000
End at: Fri, 16 Jun 2017 01:15:14 +0000
Local clock offset: -6.797 ms
Remote clock offset: -19.063 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 42.377 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 42.377 ms
Loss rate: 2.46%
```

Run 8: Report of SCReAM — Data Link

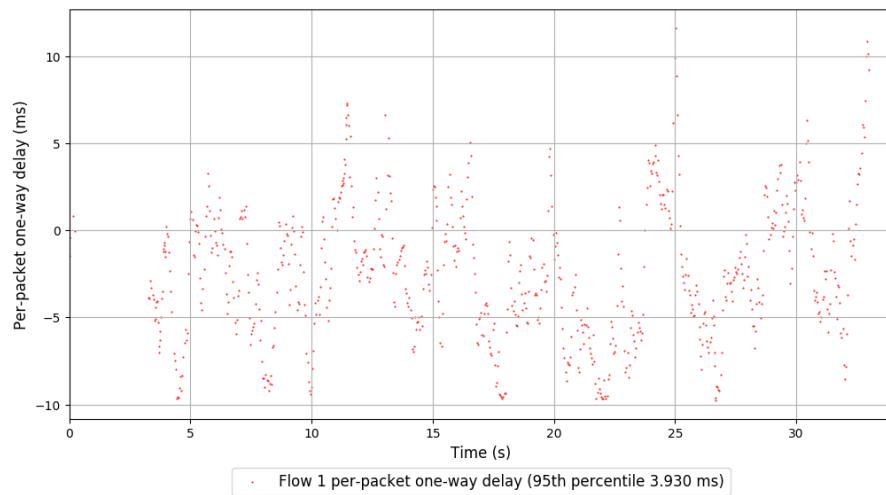
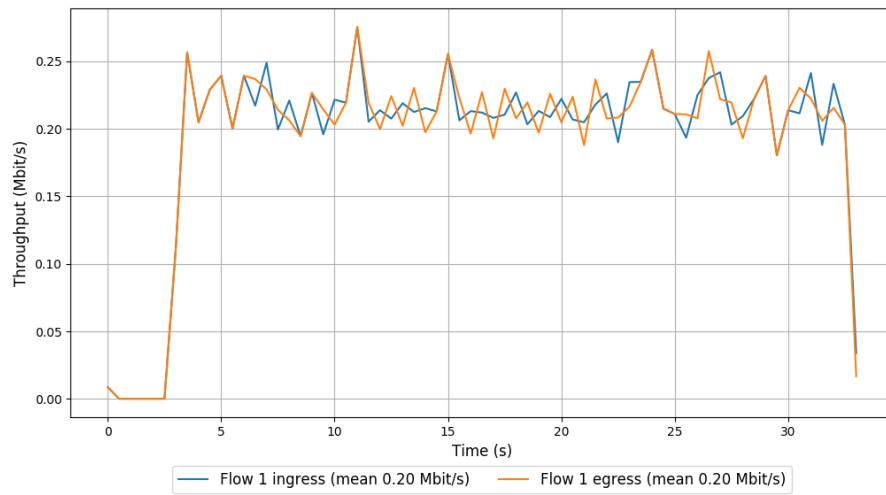


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:32:24 +0000
End at: Fri, 16 Jun 2017 01:32:54 +0000
Local clock offset: -7.785 ms
Remote clock offset: 3.379 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.930 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.930 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

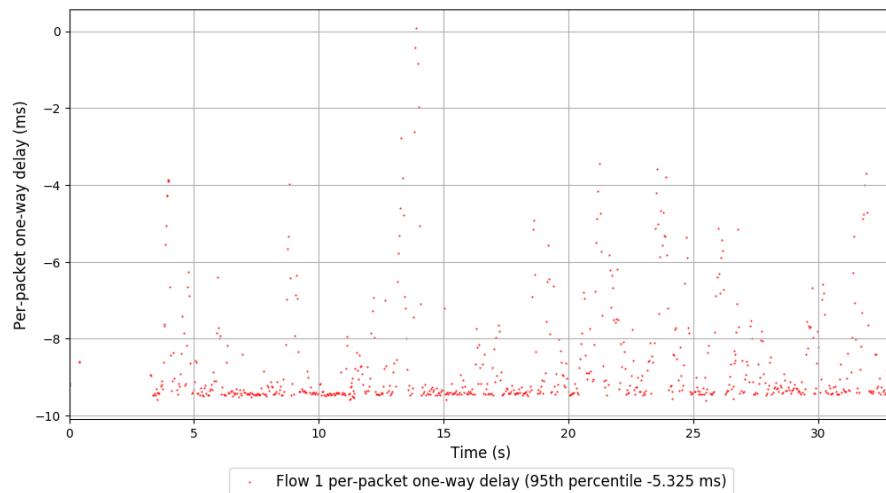
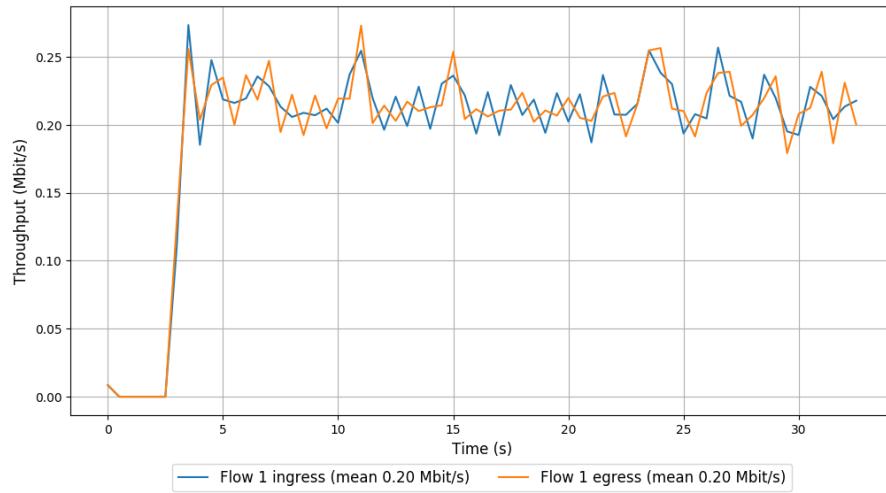


```
Run 10: Statistics of SCReAM
```

```
Start at: Fri, 16 Jun 2017 01:50:31 +0000
End at: Fri, 16 Jun 2017 01:51:01 +0000
Local clock offset: -7.981 ms
Remote clock offset: 3.633 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:10:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.325 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

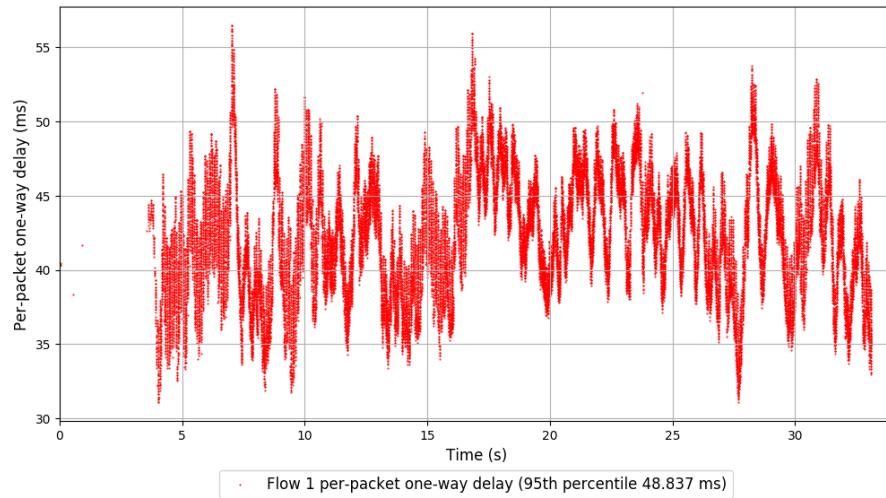
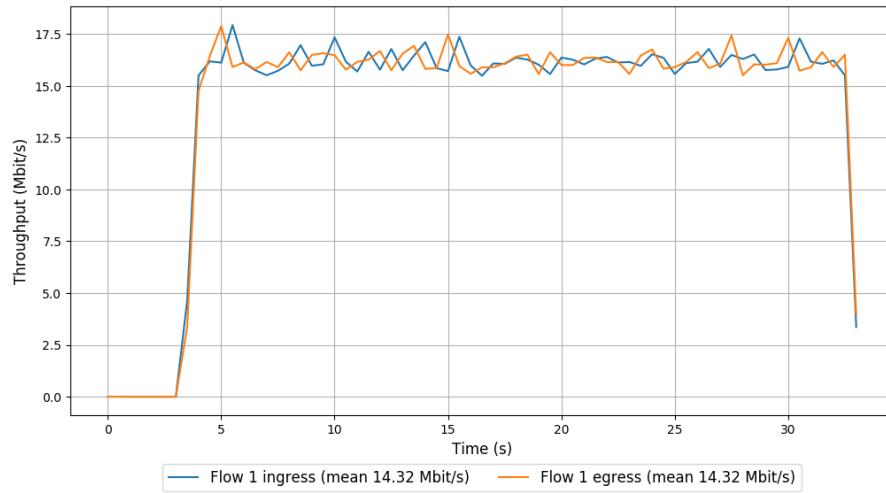


Run 1: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:21:32 +0000
End at: Thu, 15 Jun 2017 23:22:02 +0000
Local clock offset: -0.36 ms
Remote clock offset: -17.926 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.32 Mbit/s
95th percentile per-packet one-way delay: 48.837 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 14.32 Mbit/s
95th percentile per-packet one-way delay: 48.837 ms
Loss rate: 0.01%
```

Run 1: Report of Sprout — Data Link

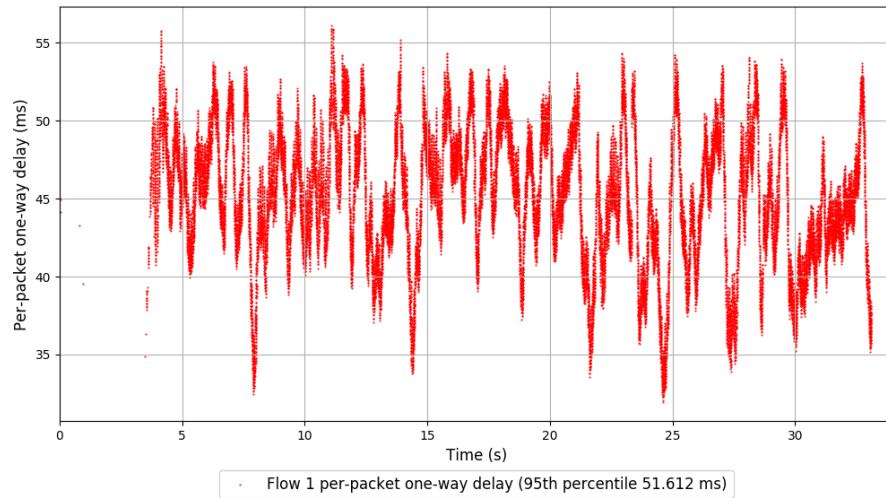
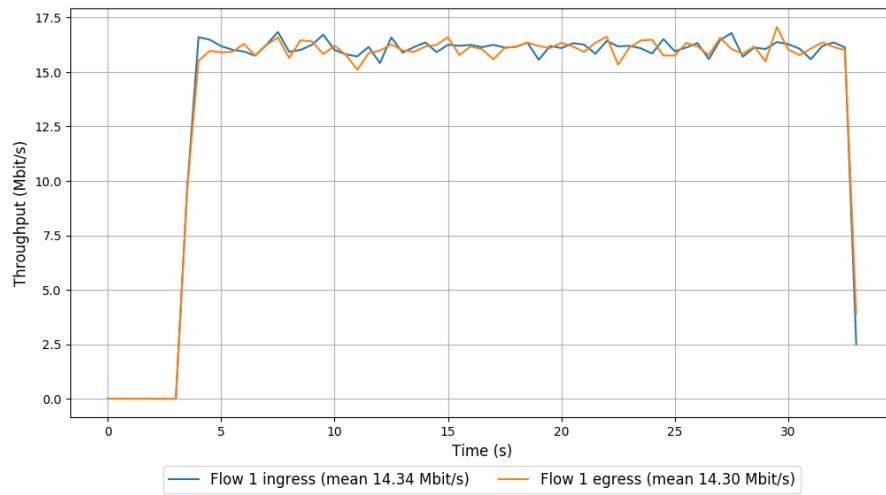


Run 2: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:38:53 +0000
End at: Thu, 15 Jun 2017 23:39:23 +0000
Local clock offset: 0.548 ms
Remote clock offset: -18.482 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 51.612 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 51.612 ms
Loss rate: 0.28%
```

Run 2: Report of Sprout — Data Link

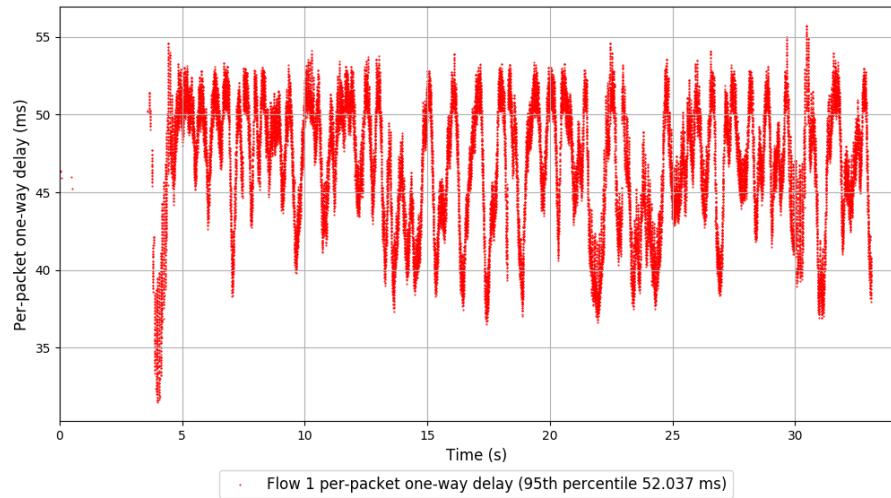
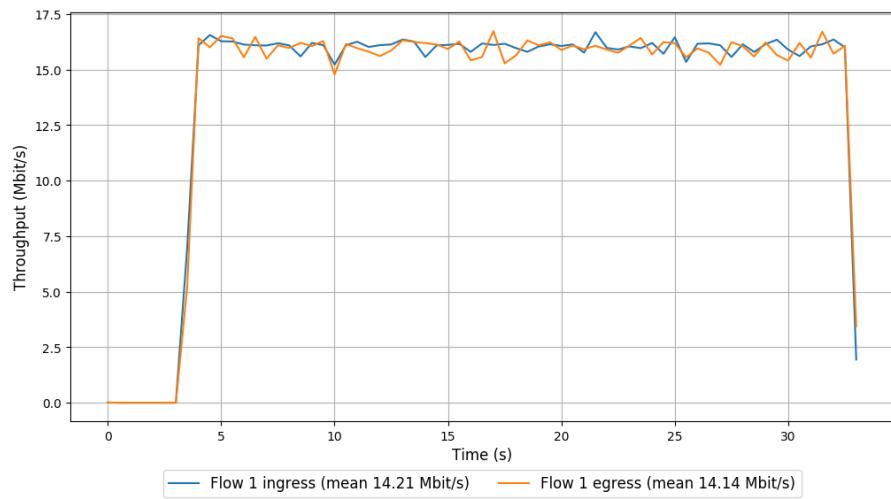


Run 3: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:56:16 +0000
End at: Thu, 15 Jun 2017 23:56:46 +0000
Local clock offset: 0.592 ms
Remote clock offset: -16.89 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 52.037 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 52.037 ms
Loss rate: 0.55%
```

Run 3: Report of Sprout — Data Link

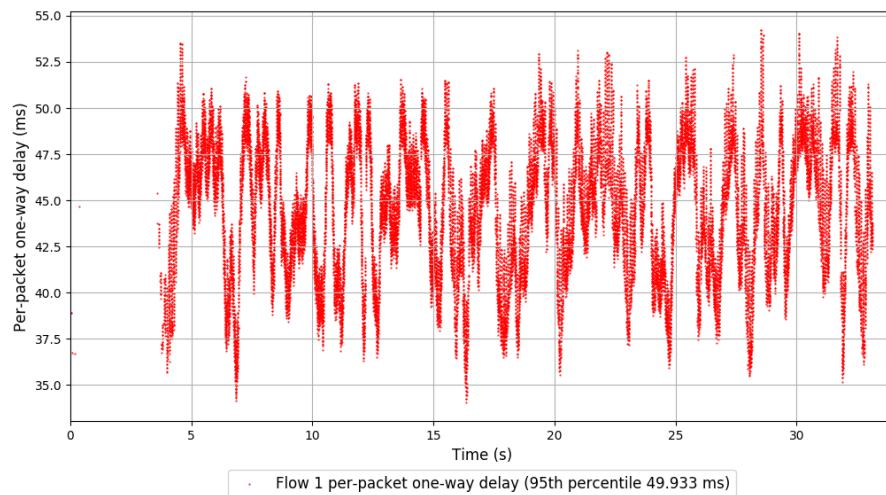
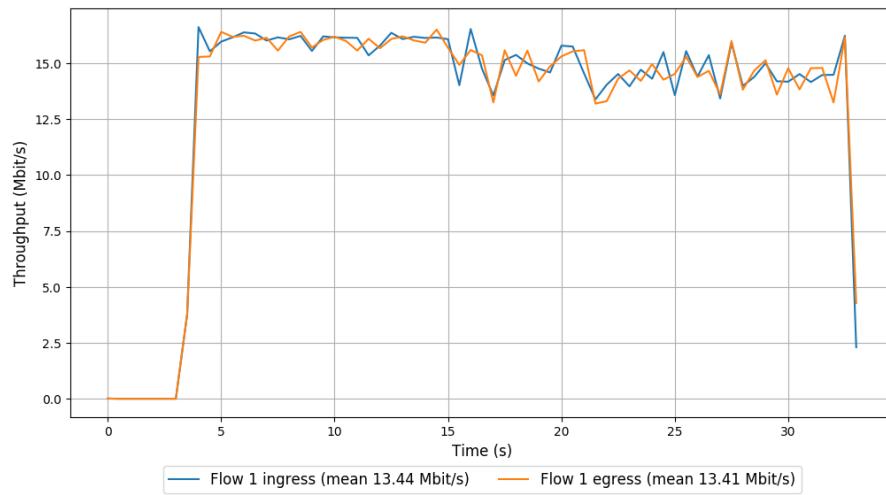


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:13:50 +0000
End at: Fri, 16 Jun 2017 00:14:20 +0000
Local clock offset: -1.471 ms
Remote clock offset: -18.592 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.23%
```

Run 4: Report of Sprout — Data Link

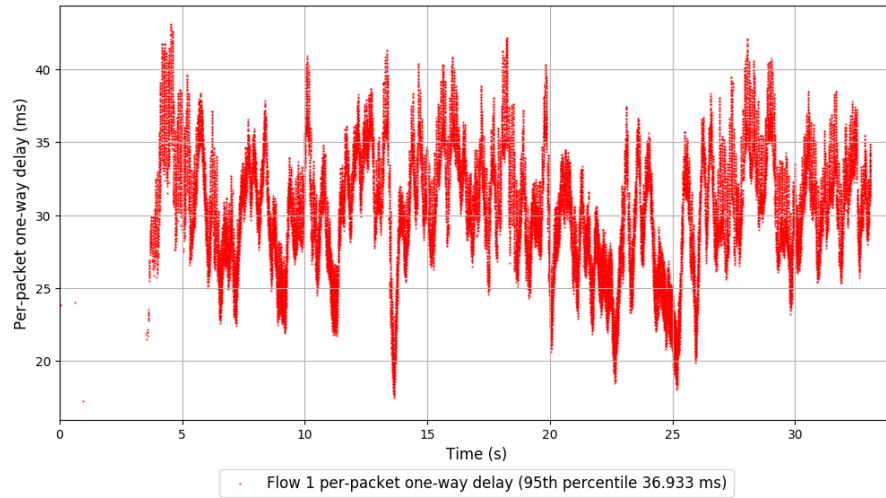
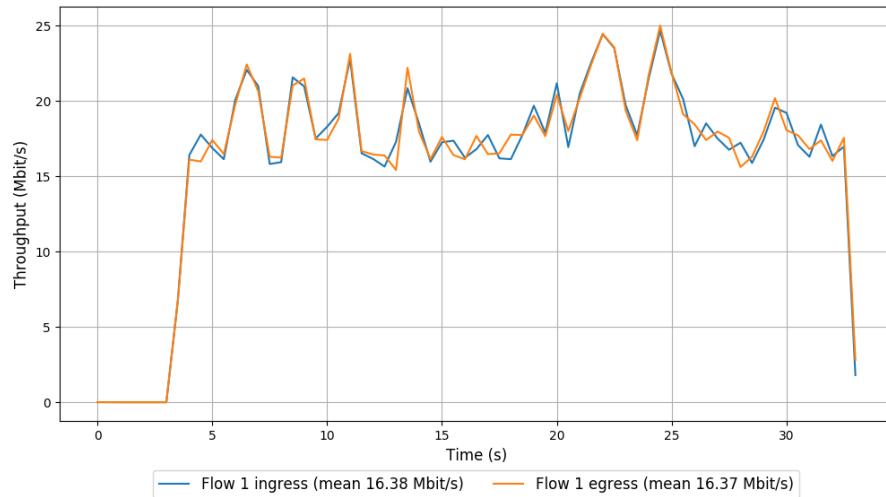


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:31:36 +0000
End at: Fri, 16 Jun 2017 00:32:06 +0000
Local clock offset: -3.169 ms
Remote clock offset: -9.523 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 36.933 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 36.933 ms
Loss rate: 0.07%
```

Run 5: Report of Sprout — Data Link

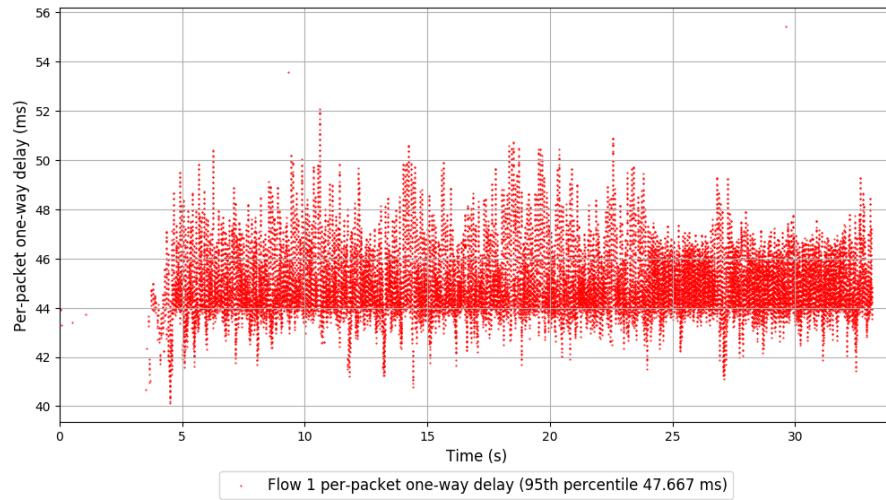
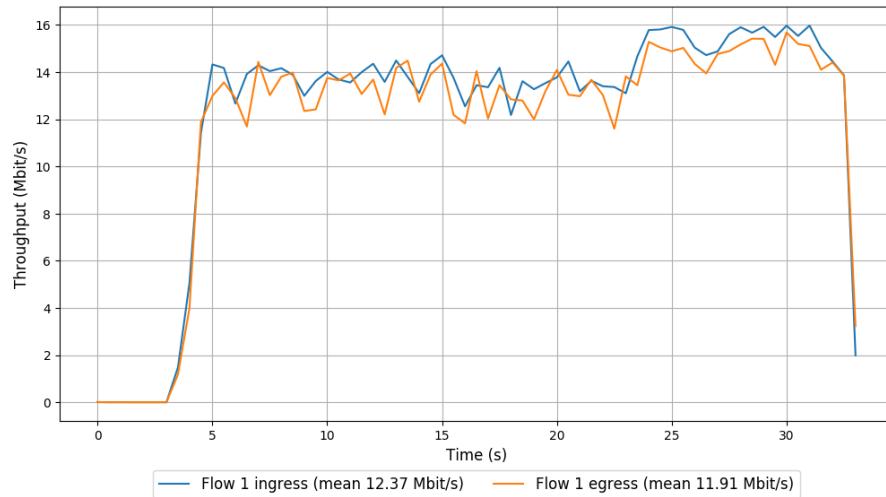


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:49:23 +0000
End at: Fri, 16 Jun 2017 00:49:53 +0000
Local clock offset: -5.257 ms
Remote clock offset: -21.013 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.91 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 11.91 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 3.69%
```

Run 6: Report of Sprout — Data Link

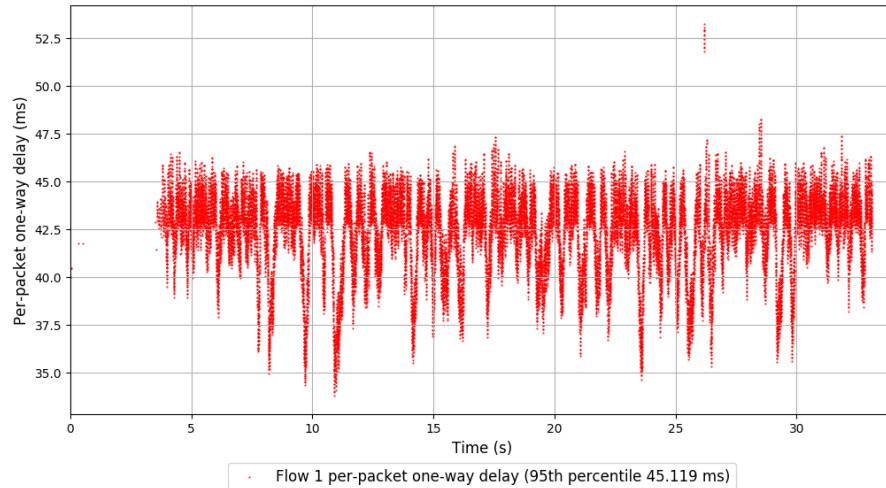
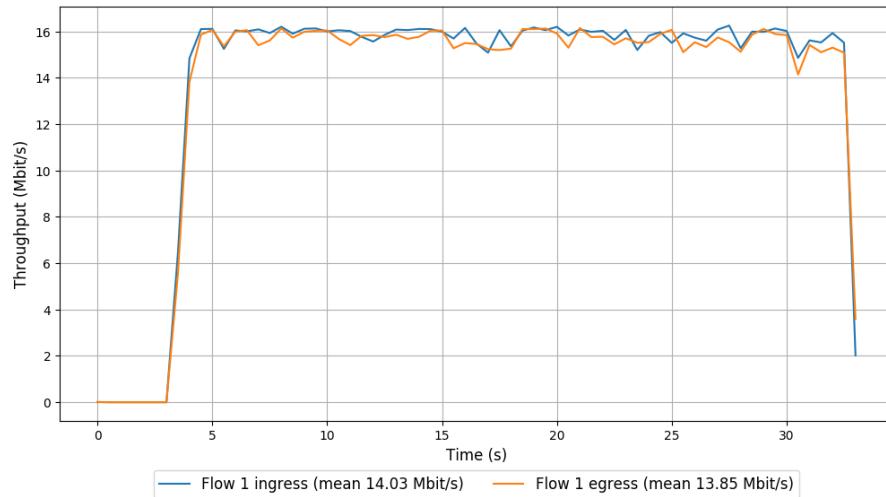


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:06:47 +0000
End at: Fri, 16 Jun 2017 01:07:17 +0000
Local clock offset: -6.223 ms
Remote clock offset: -14.184 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:11:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 45.119 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 45.119 ms
Loss rate: 1.30%
```

Run 7: Report of Sprout — Data Link

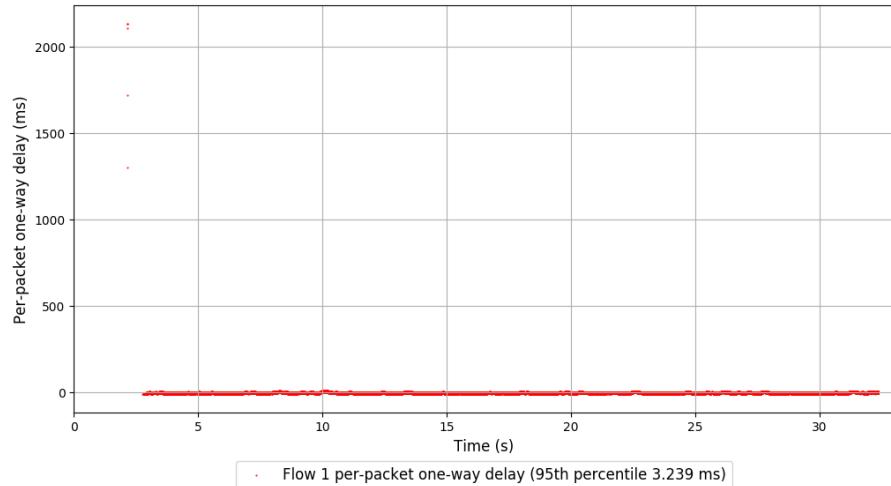
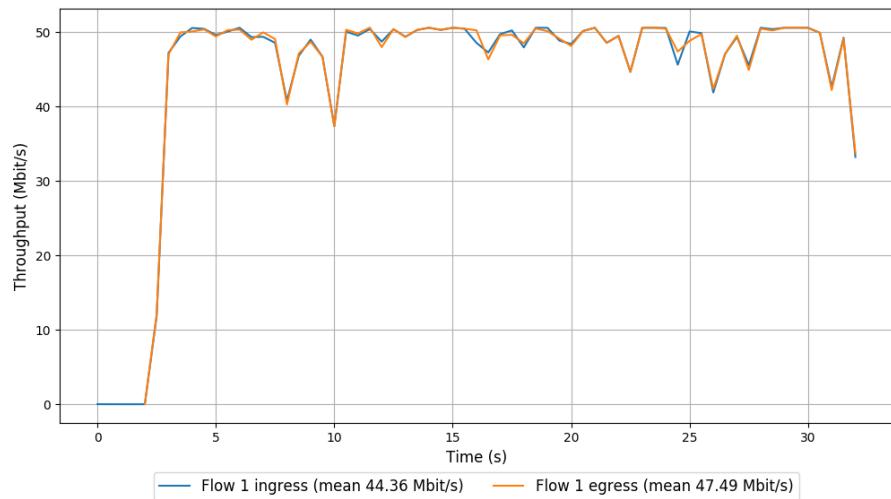


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:24:12 +0000
End at: Fri, 16 Jun 2017 01:24:43 +0000
Local clock offset: -7.365 ms
Remote clock offset: 3.857 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 3.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 3.239 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

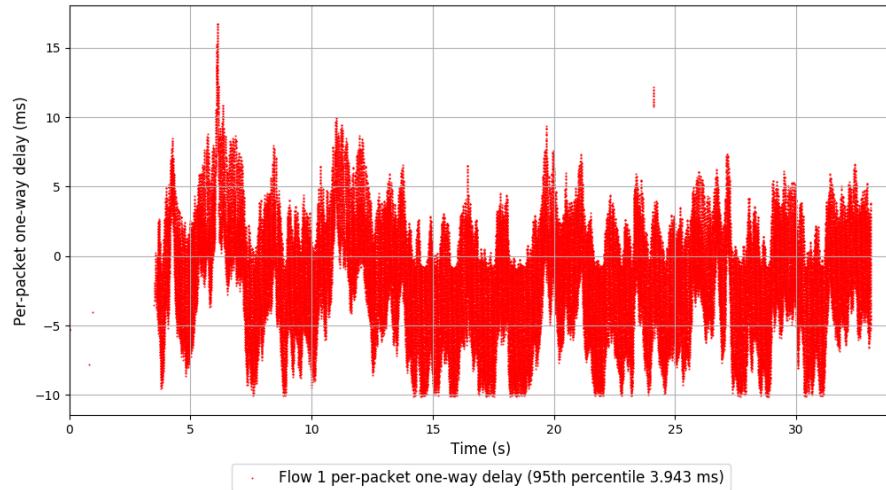
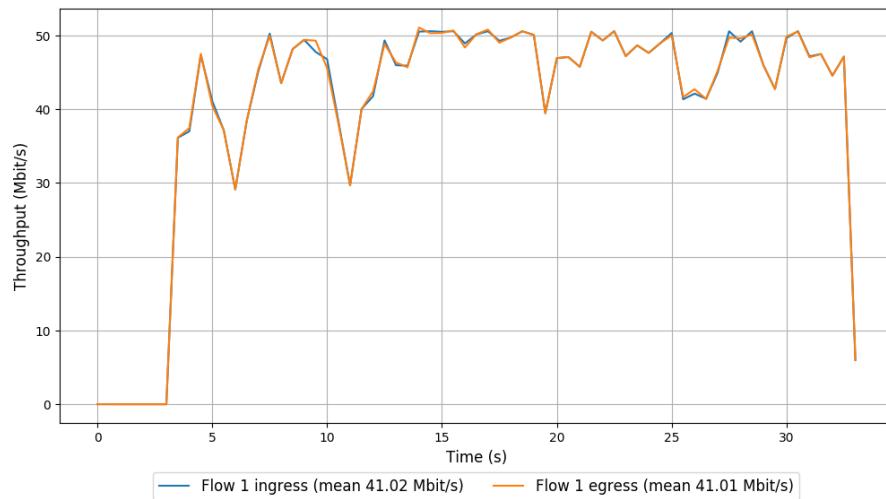


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:41:55 +0000
End at: Fri, 16 Jun 2017 01:42:25 +0000
Local clock offset: -8.142 ms
Remote clock offset: 3.955 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 3.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 3.943 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

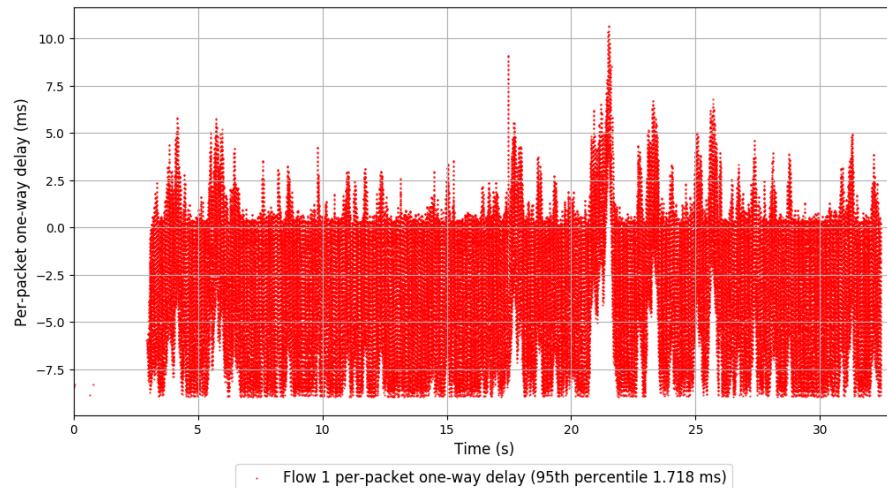
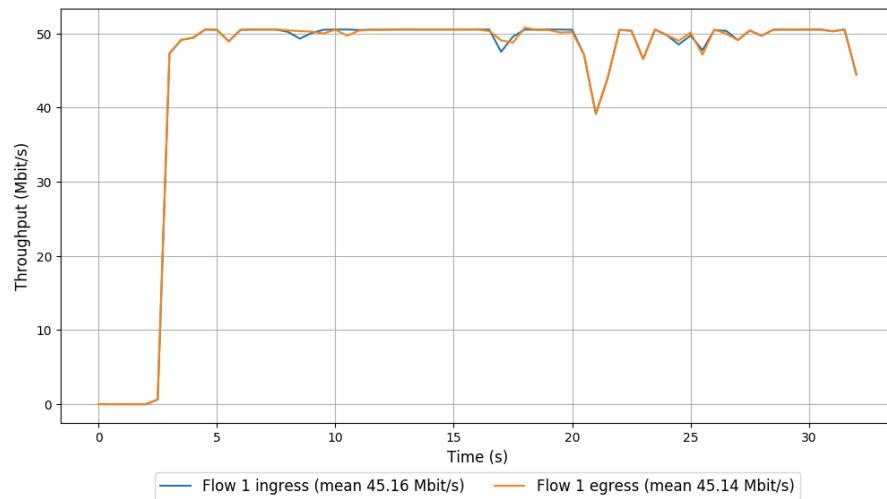


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:00:18 +0000
End at: Fri, 16 Jun 2017 02:00:48 +0000
Local clock offset: -8.063 ms
Remote clock offset: 3.014 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 1.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 1.718 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Thu, 15 Jun 2017 23:20:24 +0000

End at: Thu, 15 Jun 2017 23:20:54 +0000

Local clock offset: -0.487 ms

Remote clock offset: -18.428 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:12:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 50.073 ms

Loss rate: 0.19%

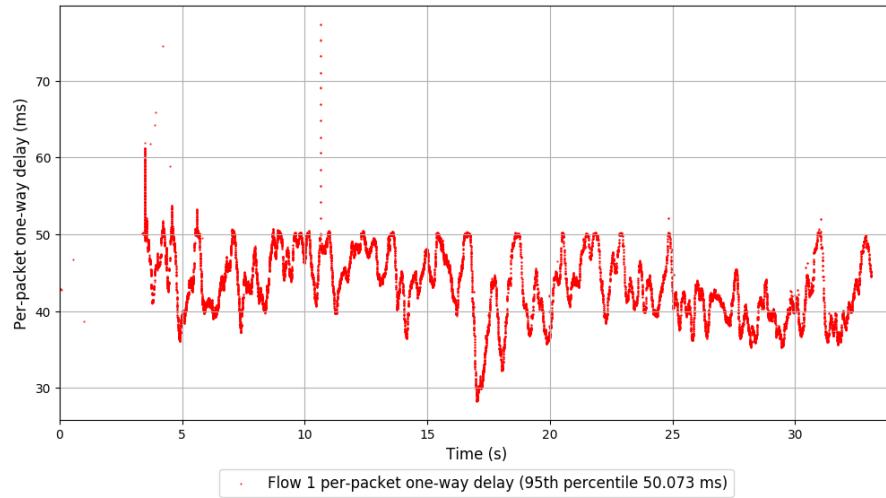
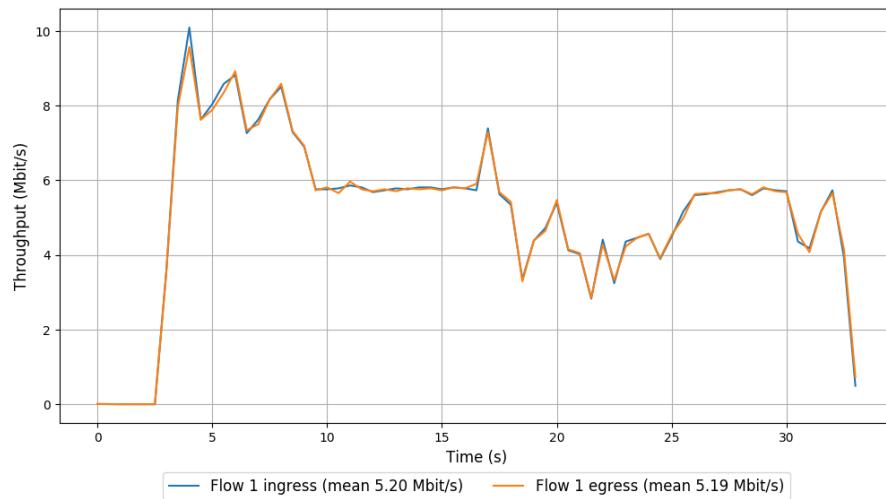
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 50.073 ms

Loss rate: 0.19%

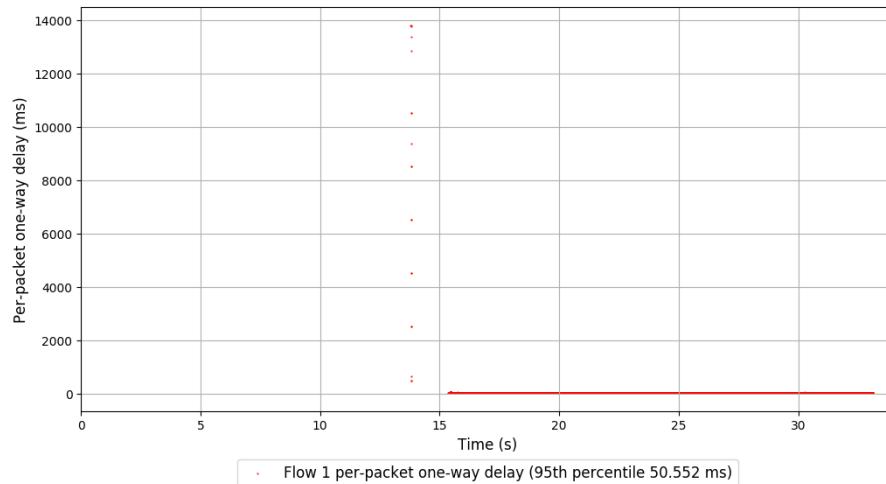
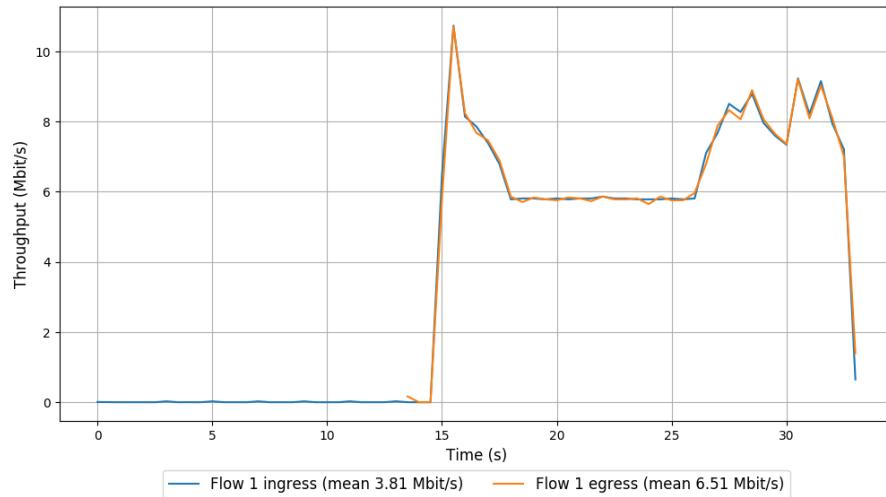
Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: Thu, 15 Jun 2017 23:37:46 +0000
End at: Thu, 15 Jun 2017 23:38:16 +0000
Local clock offset: 0.517 ms
Remote clock offset: -15.831 ms

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

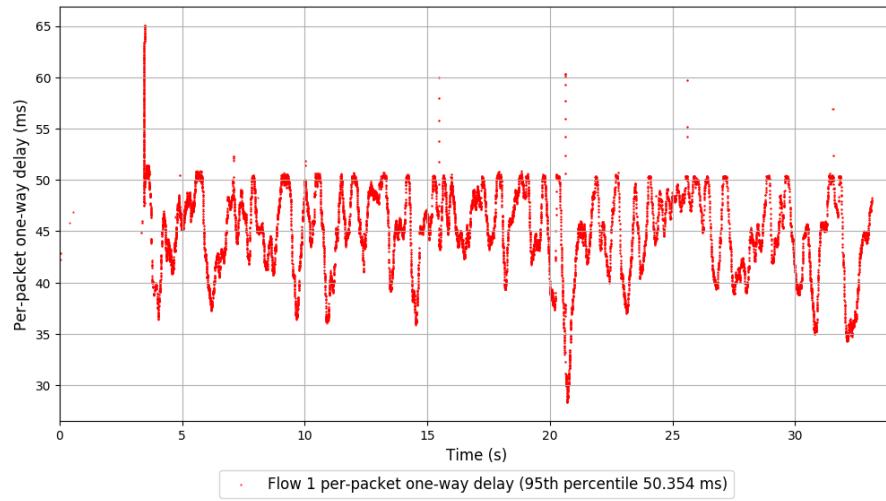
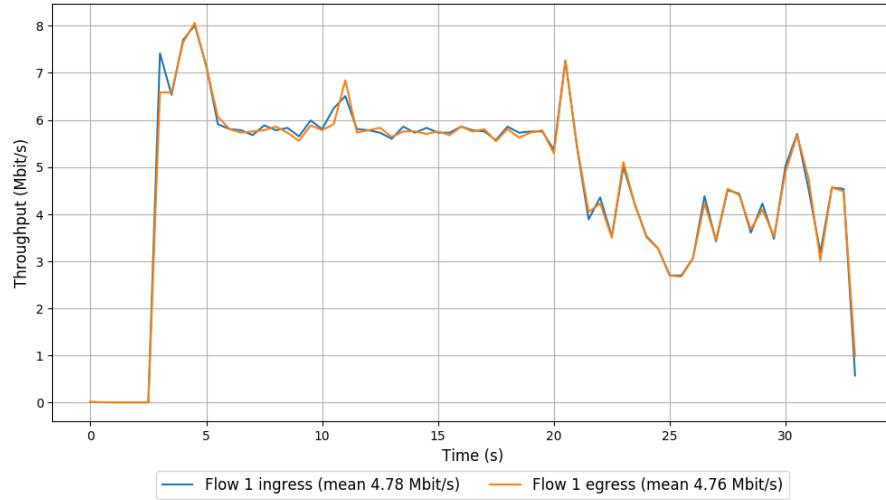


Run 3: Statistics of TaoVA-100x

```
Start at: Thu, 15 Jun 2017 23:55:08 +0000
End at: Thu, 15 Jun 2017 23:55:38 +0000
Local clock offset: 0.591 ms
Remote clock offset: -18.488 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 50.354 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 50.354 ms
Loss rate: 0.36%
```

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

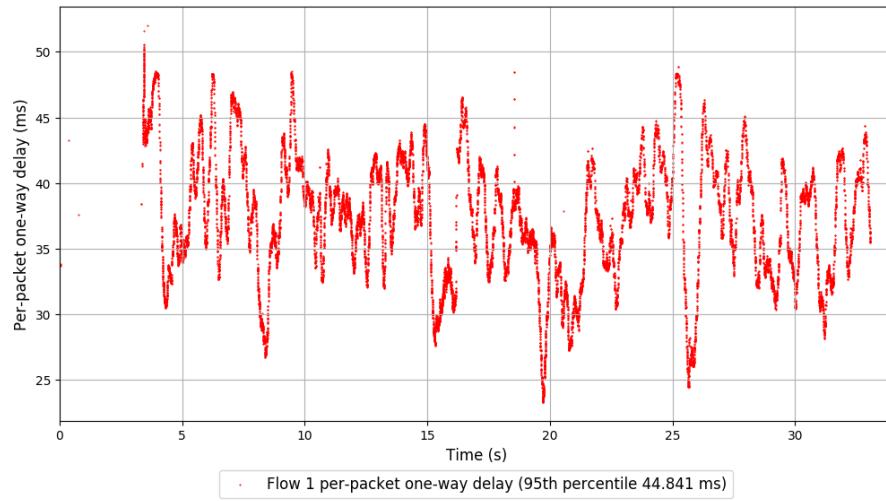
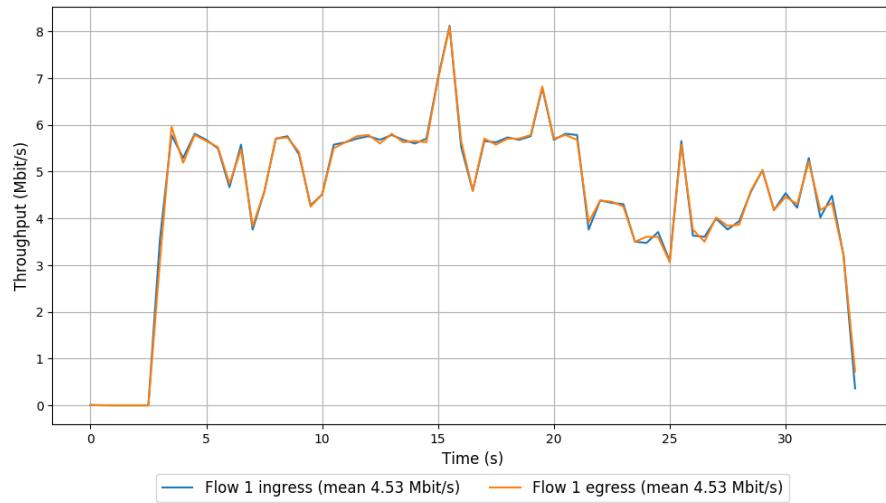


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:12:42 +0000
End at: Fri, 16 Jun 2017 00:13:12 +0000
Local clock offset: -1.286 ms
Remote clock offset: -17.504 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 44.841 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 44.841 ms
Loss rate: 0.02%
```

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

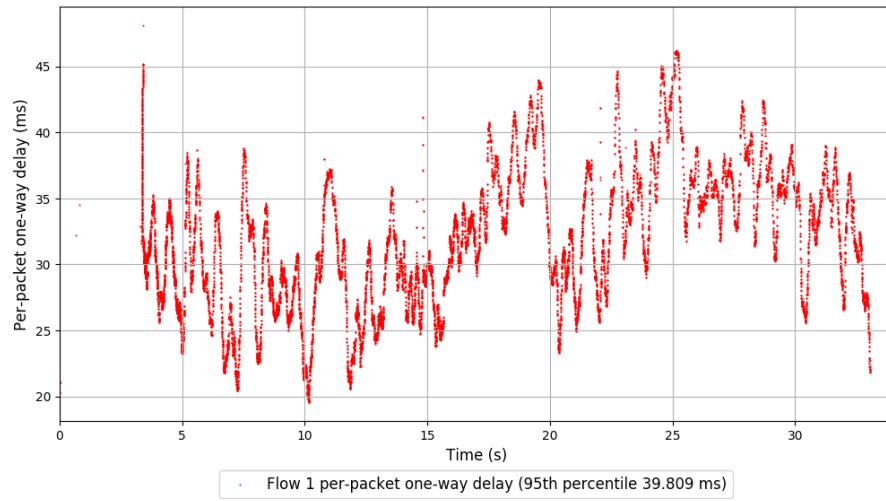
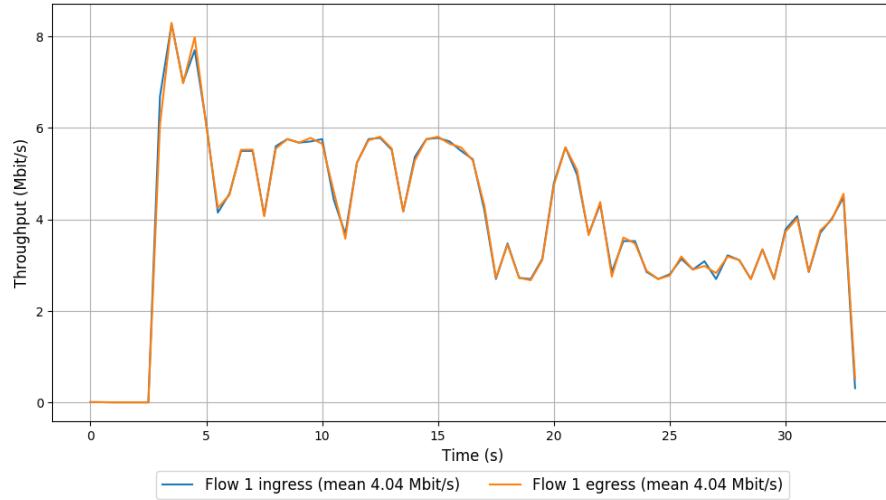


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:30:29 +0000
End at: Fri, 16 Jun 2017 00:30:59 +0000
Local clock offset: -3.039 ms
Remote clock offset: -7.822 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 39.809 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 39.809 ms
Loss rate: 0.00%
```

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

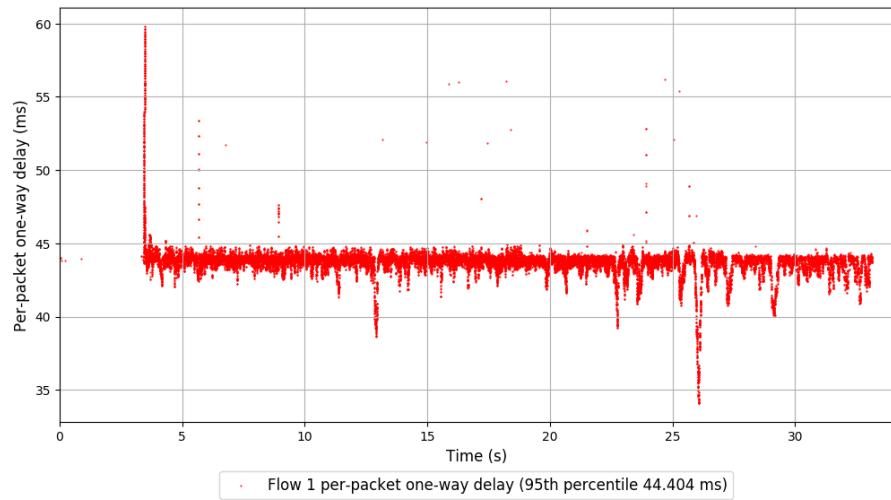
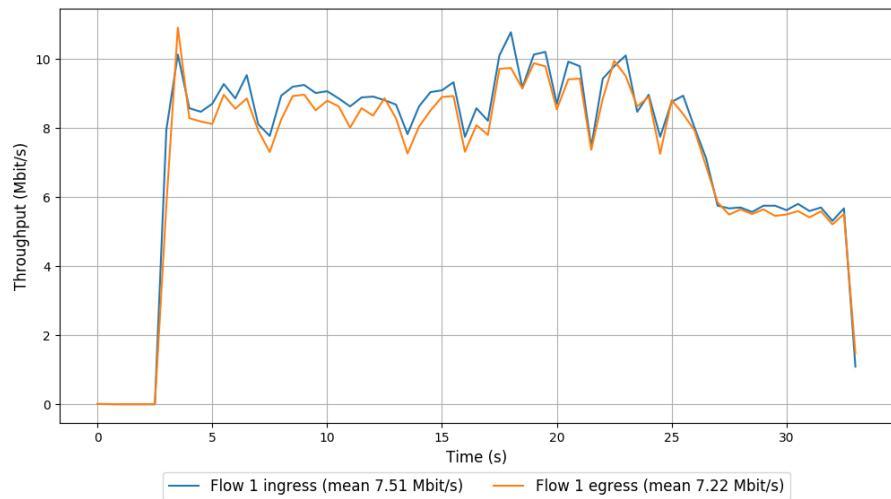


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:48:14 +0000
End at: Fri, 16 Jun 2017 00:48:44 +0000
Local clock offset: -5.211 ms
Remote clock offset: -20.7 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:12:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 44.404 ms
Loss rate: 3.76%
-- Flow 1:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 44.404 ms
Loss rate: 3.76%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:05:39 +0000

End at: Fri, 16 Jun 2017 01:06:09 +0000

Local clock offset: -6.143 ms

Remote clock offset: -21.528 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:12:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.11 Mbit/s

95th percentile per-packet one-way delay: 43.125 ms

Loss rate: 1.72%

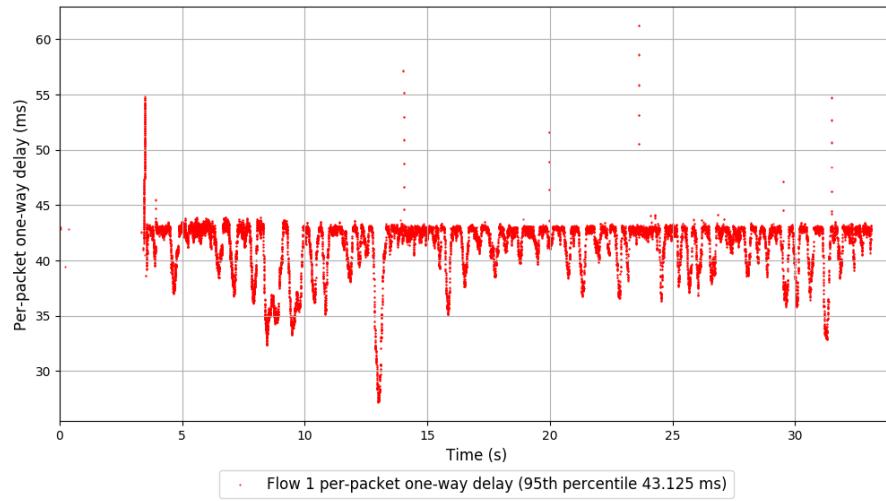
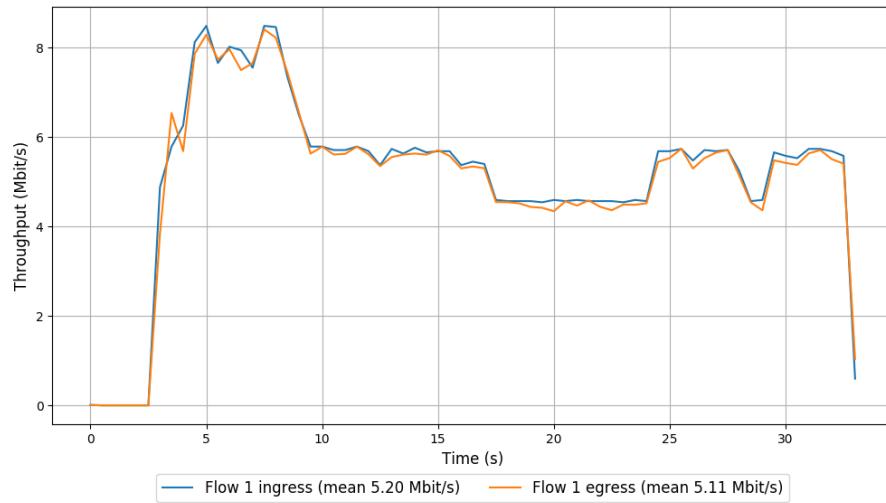
-- Flow 1:

Average throughput: 5.11 Mbit/s

95th percentile per-packet one-way delay: 43.125 ms

Loss rate: 1.72%

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

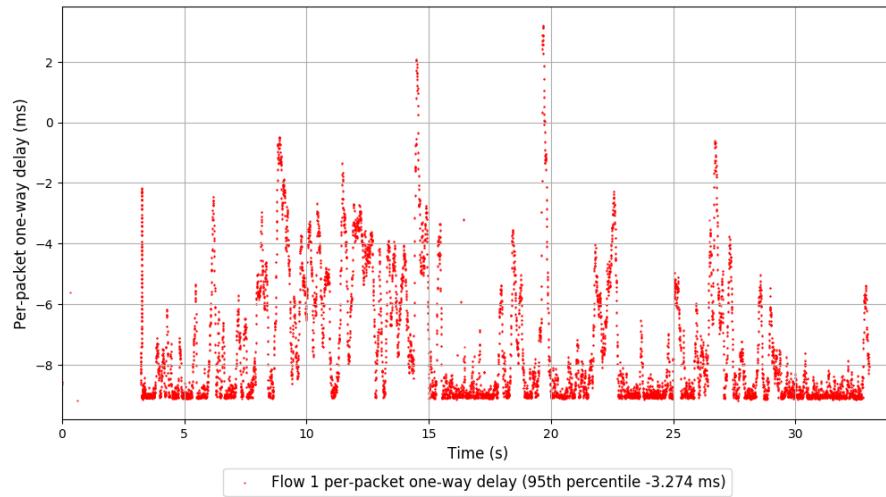
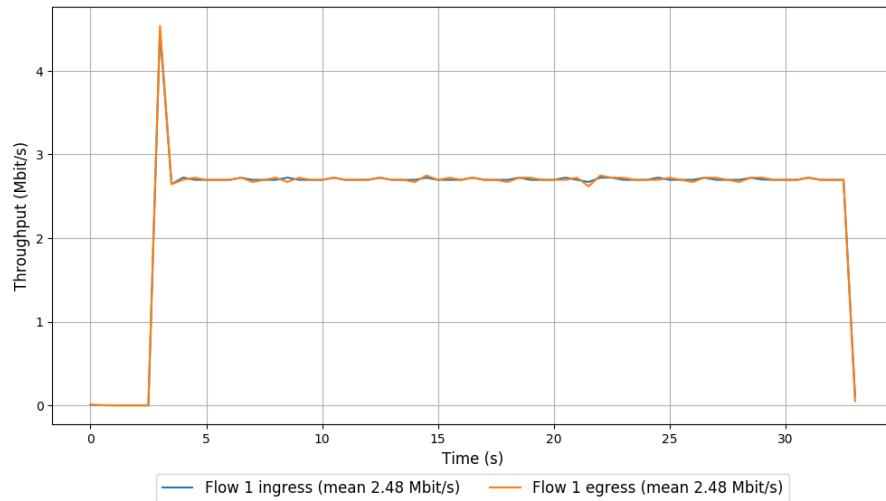


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 01:23:07 +0000
End at: Fri, 16 Jun 2017 01:23:37 +0000
Local clock offset: -7.335 ms
Remote clock offset: 3.81 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: -3.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: -3.274 ms
Loss rate: 0.00%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:40:49 +0000

End at: Fri, 16 Jun 2017 01:41:19 +0000

Local clock offset: -8.059 ms

Remote clock offset: 0.122 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:13:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.48 Mbit/s

95th percentile per-packet one-way delay: 7.701 ms

Loss rate: 0.00%

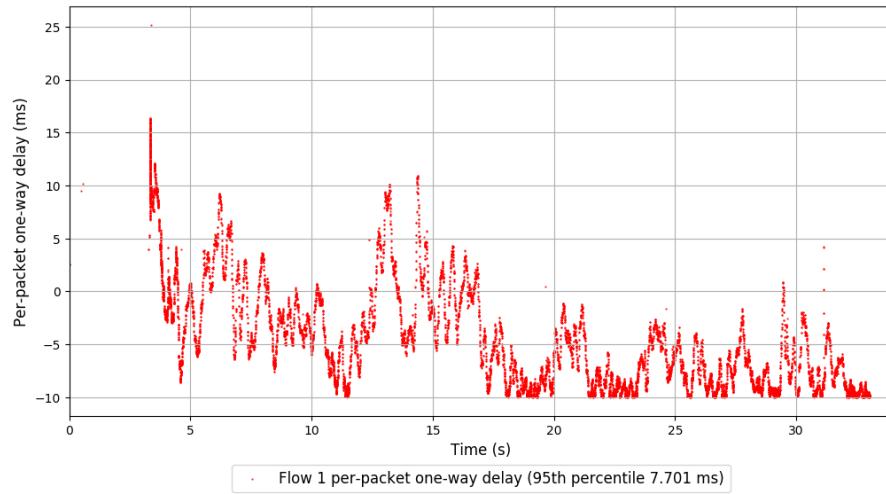
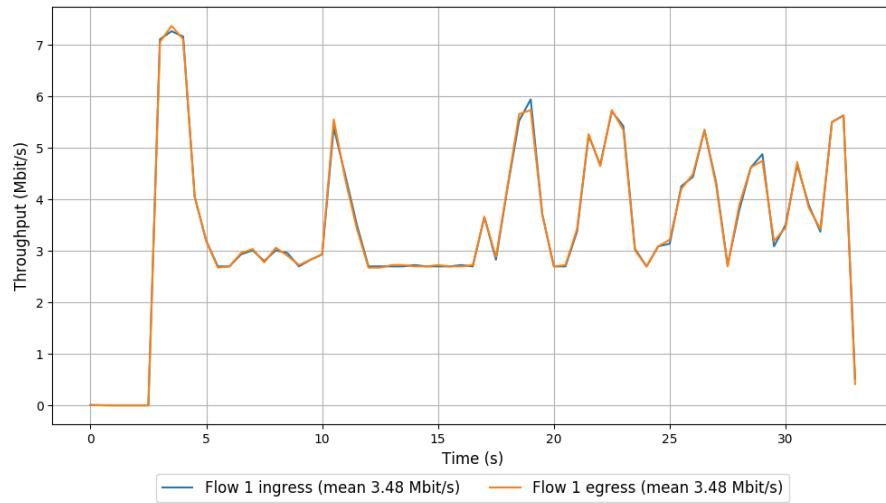
-- Flow 1:

Average throughput: 3.48 Mbit/s

95th percentile per-packet one-way delay: 7.701 ms

Loss rate: 0.00%

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

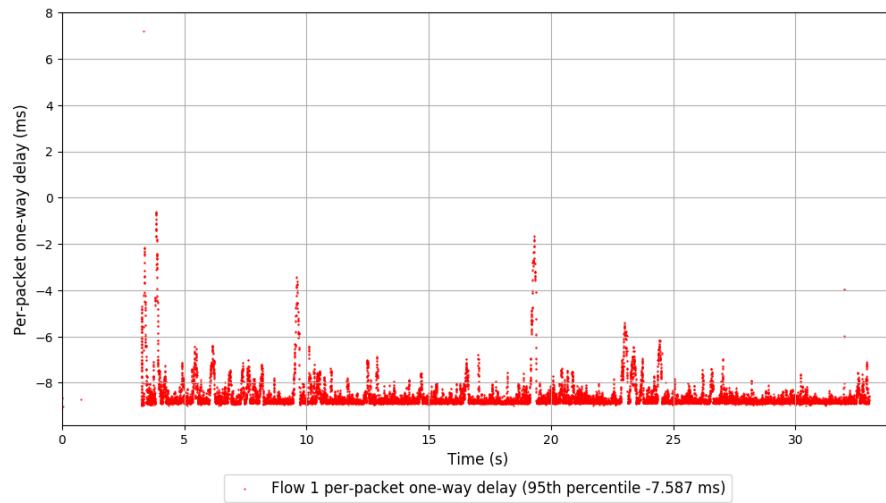
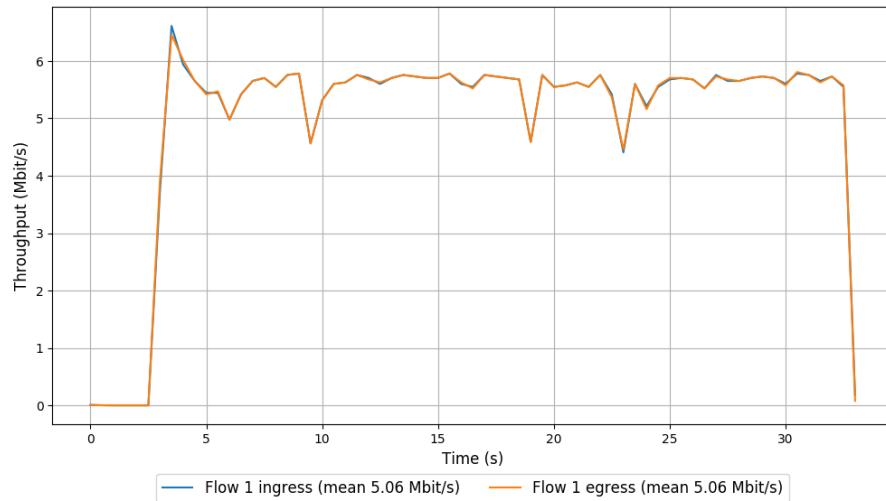


Run 10: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 01:59:11 +0000
End at: Fri, 16 Jun 2017 01:59:41 +0000
Local clock offset: -7.963 ms
Remote clock offset: 2.936 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.06 Mbit/s
95th percentile per-packet one-way delay: -7.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.06 Mbit/s
95th percentile per-packet one-way delay: -7.587 ms
Loss rate: 0.00%
```

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

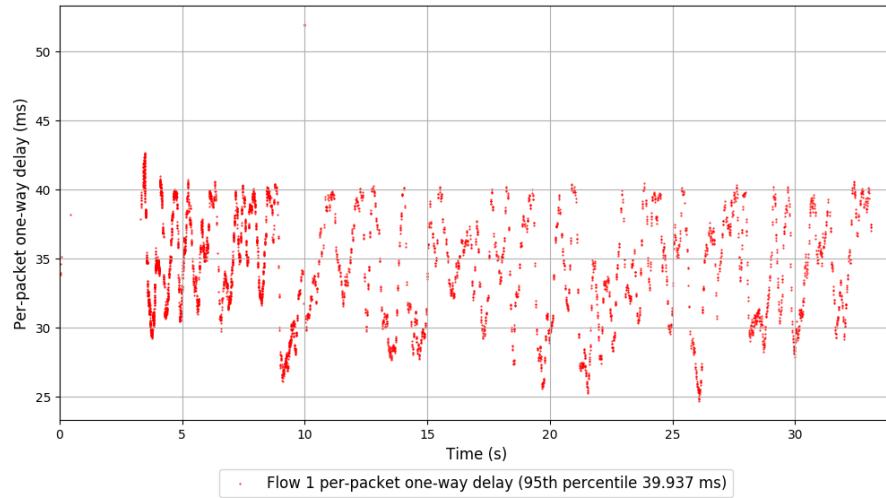
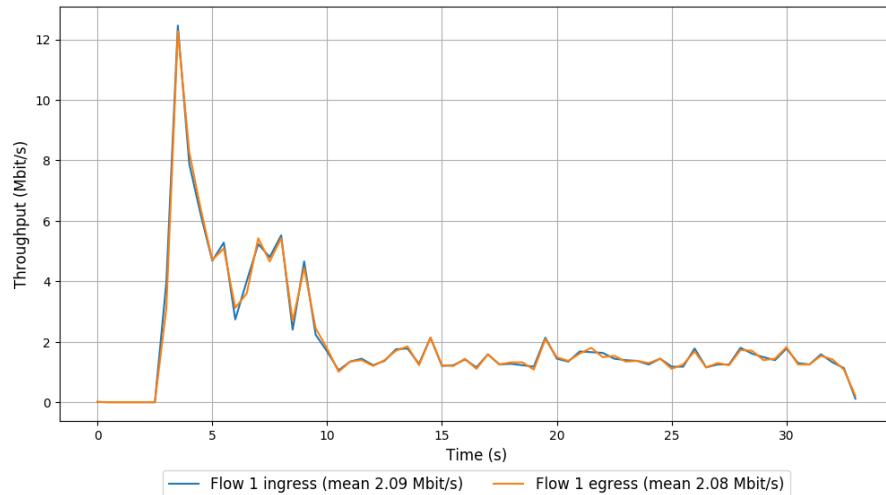


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:26:01 +0000
End at: Thu, 15 Jun 2017 23:26:31 +0000
Local clock offset: 0.004 ms
Remote clock offset: -16.318 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 39.937 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 39.937 ms
Loss rate: 0.28%
```

Run 1: Report of TCP Vegas — Data Link

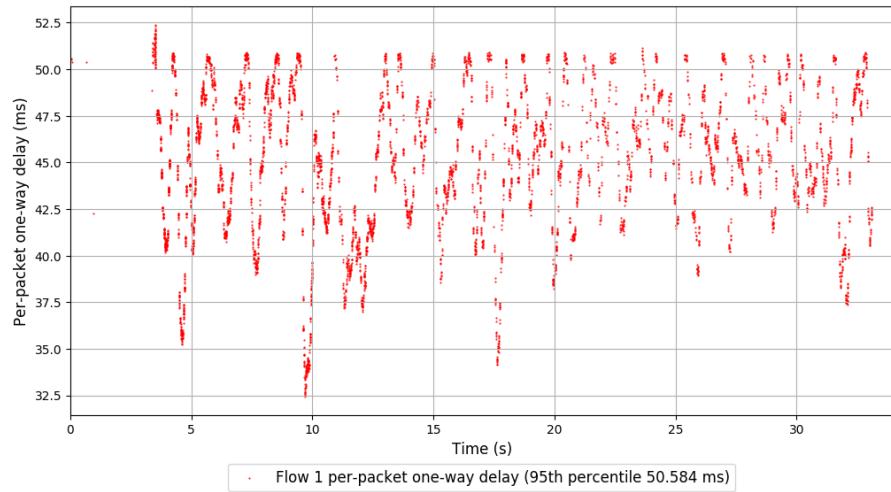
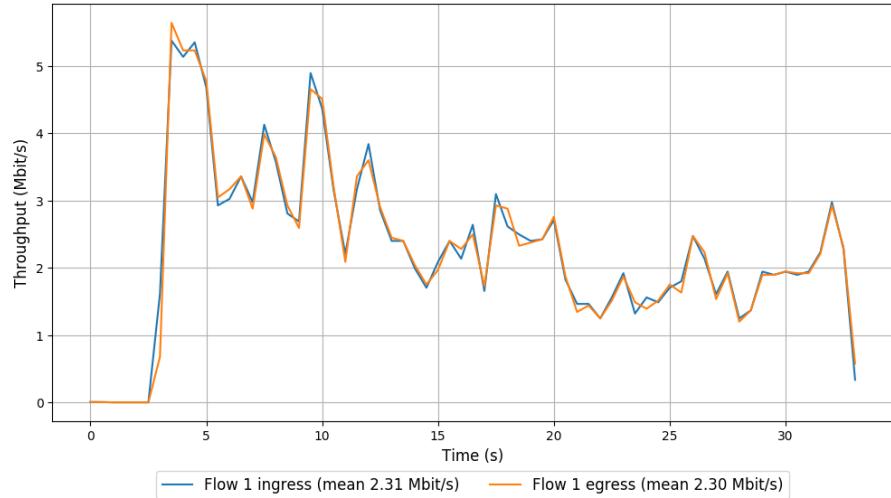


Run 2: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:43:23 +0000
End at: Thu, 15 Jun 2017 23:43:53 +0000
Local clock offset: 0.551 ms
Remote clock offset: -20.224 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 50.584 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 50.584 ms
Loss rate: 0.52%
```

Run 2: Report of TCP Vegas — Data Link

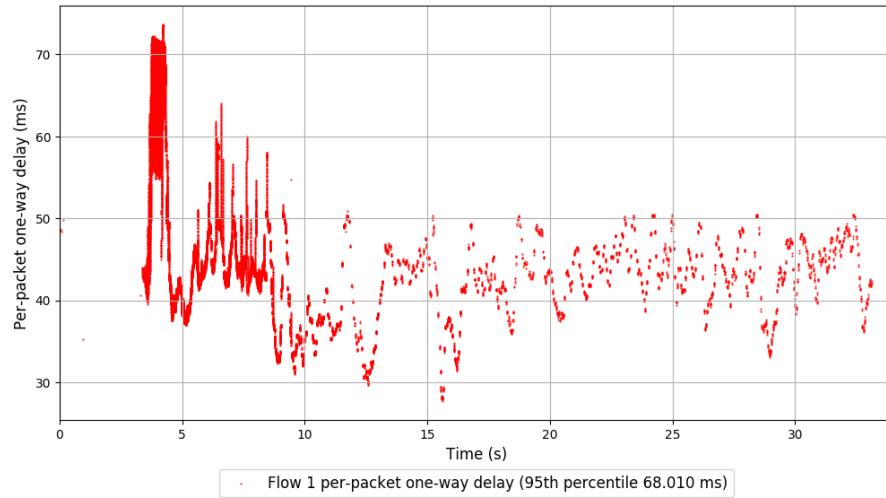
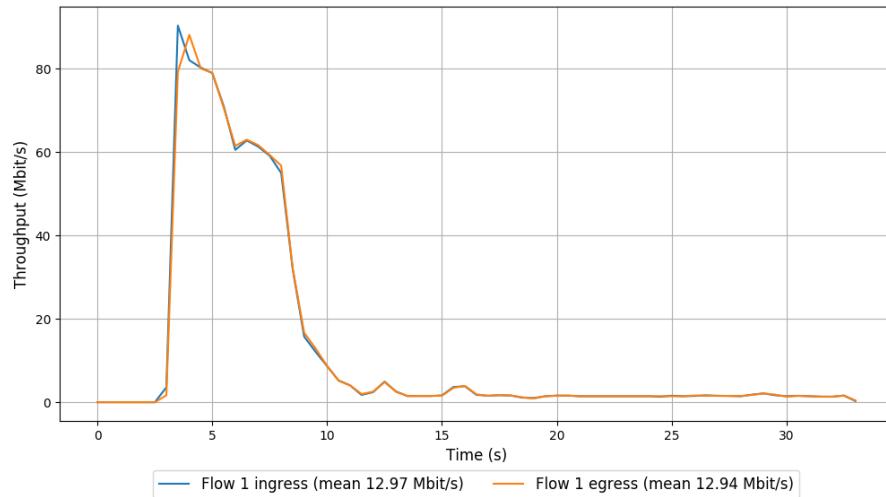


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:00:48 +0000
End at: Fri, 16 Jun 2017 00:01:18 +0000
Local clock offset: 0.153 ms
Remote clock offset: -17.925 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 68.010 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 68.010 ms
Loss rate: 0.21%
```

Run 3: Report of TCP Vegas — Data Link

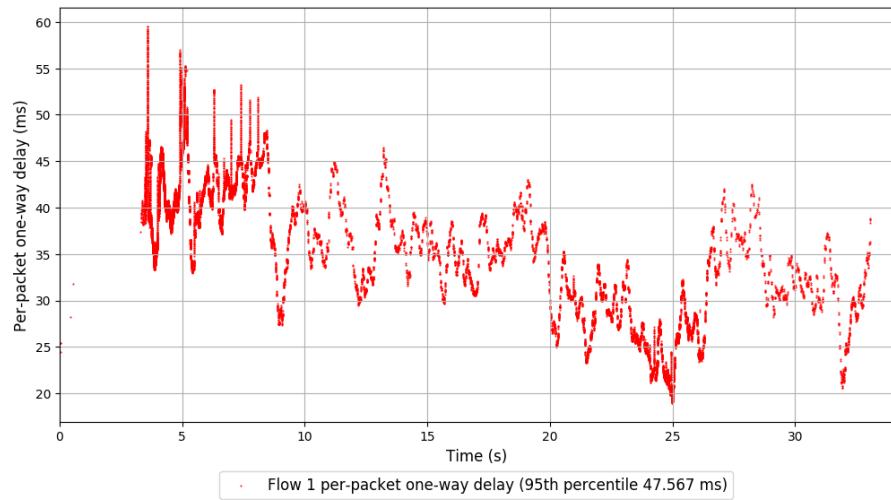
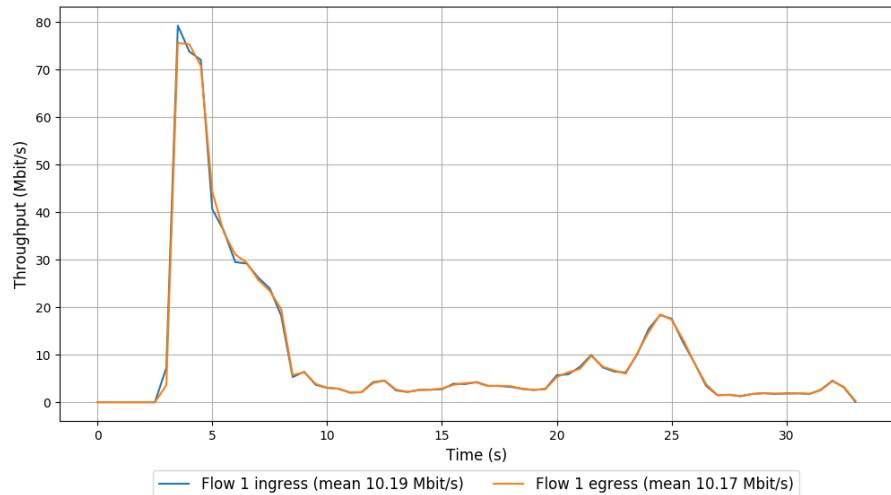


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:18:21 +0000
End at: Fri, 16 Jun 2017 00:18:51 +0000
Local clock offset: -1.85 ms
Remote clock offset: -12.901 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 47.567 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 47.567 ms
Loss rate: 0.11%
```

Run 4: Report of TCP Vegas — Data Link

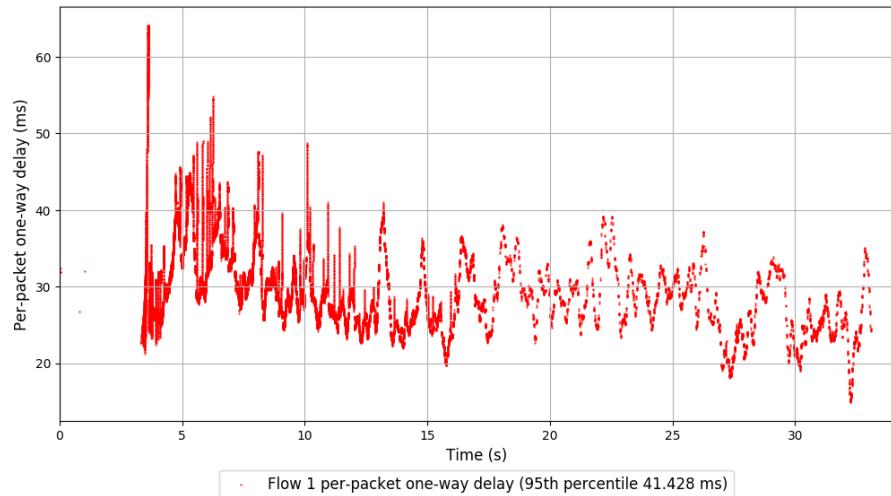
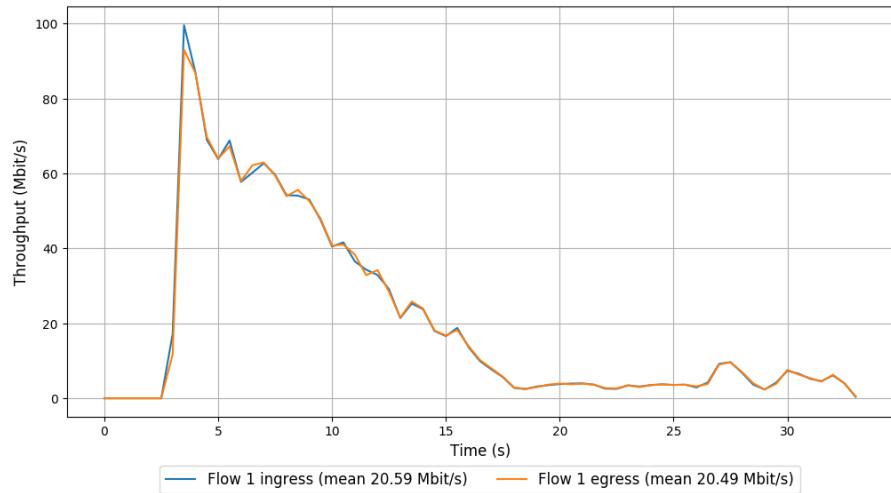


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:36:13 +0000
End at: Fri, 16 Jun 2017 00:36:43 +0000
Local clock offset: -3.704 ms
Remote clock offset: -9.822 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 41.428 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 41.428 ms
Loss rate: 0.51%
```

Run 5: Report of TCP Vegas — Data Link

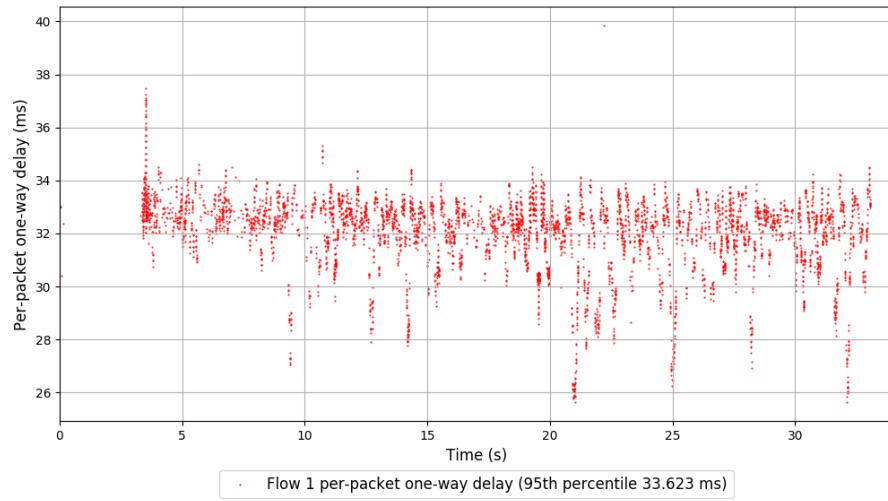
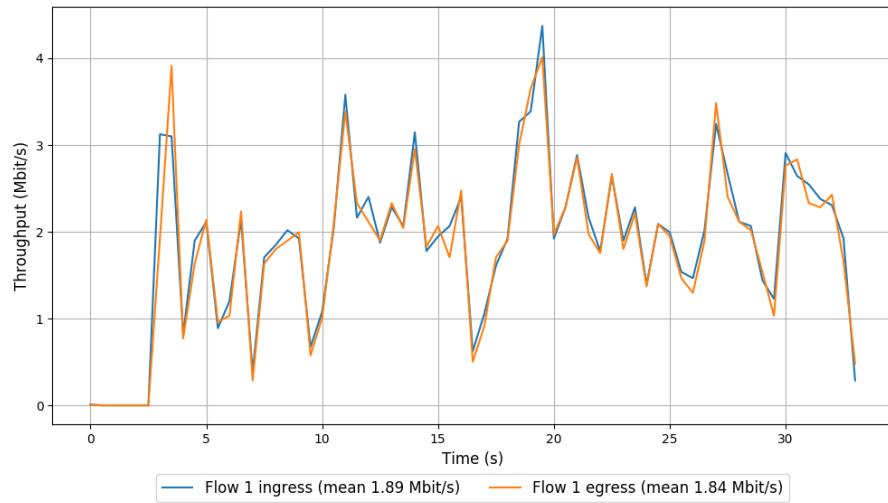


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:53:56 +0000
End at: Fri, 16 Jun 2017 00:54:26 +0000
Local clock offset: -5.498 ms
Remote clock offset: -16.953 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 33.623 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 33.623 ms
Loss rate: 2.67%
```

Run 6: Report of TCP Vegas — Data Link

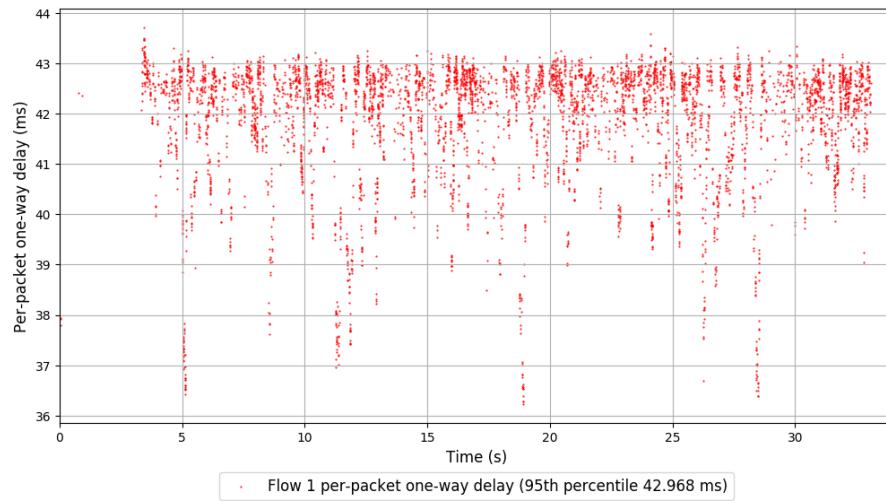
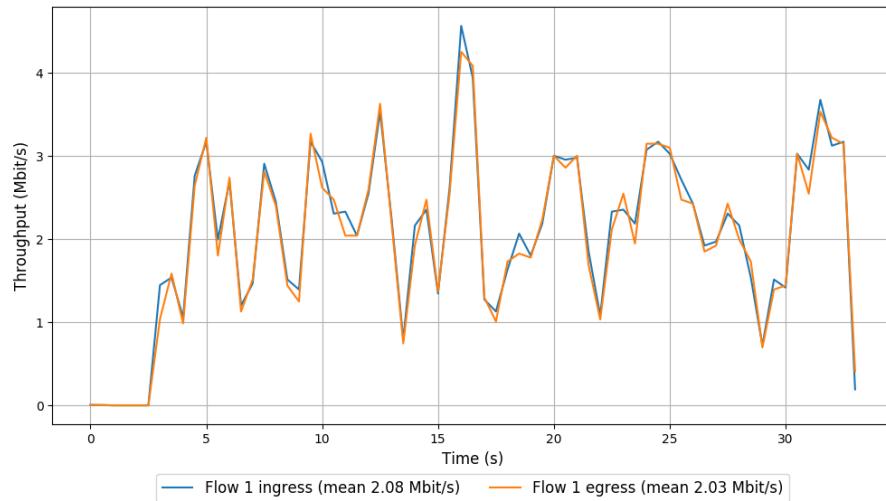


Run 7: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:11:16 +0000
End at: Fri, 16 Jun 2017 01:11:46 +0000
Local clock offset: -6.536 ms
Remote clock offset: -17.589 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 42.968 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 42.968 ms
Loss rate: 2.03%
```

Run 7: Report of TCP Vegas — Data Link

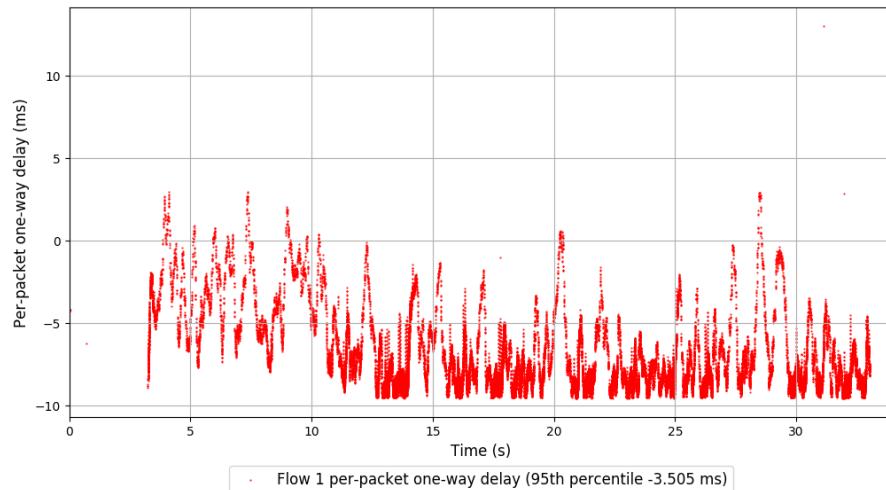
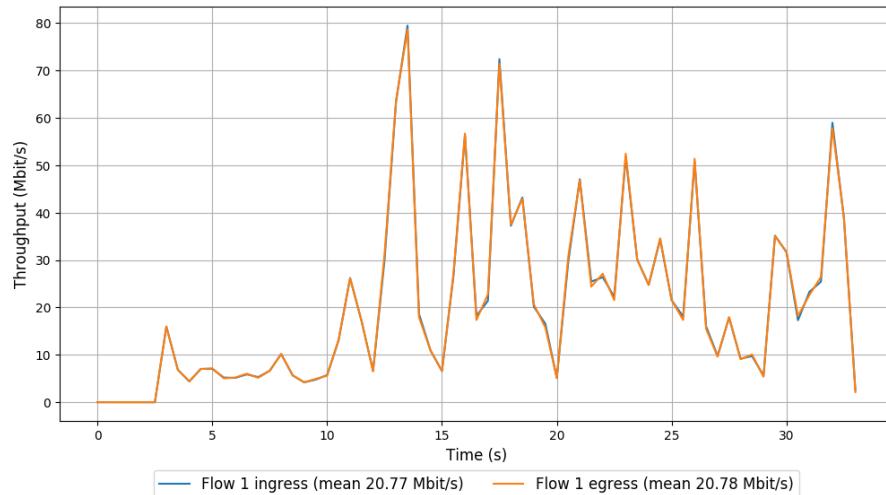


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:28:54 +0000
End at: Fri, 16 Jun 2017 01:29:24 +0000
Local clock offset: -7.673 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:13:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.78 Mbit/s
95th percentile per-packet one-way delay: -3.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.78 Mbit/s
95th percentile per-packet one-way delay: -3.505 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

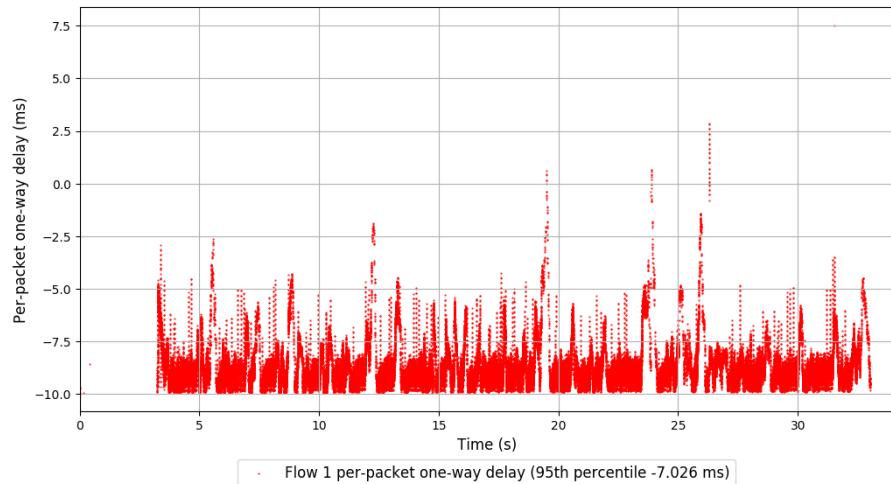
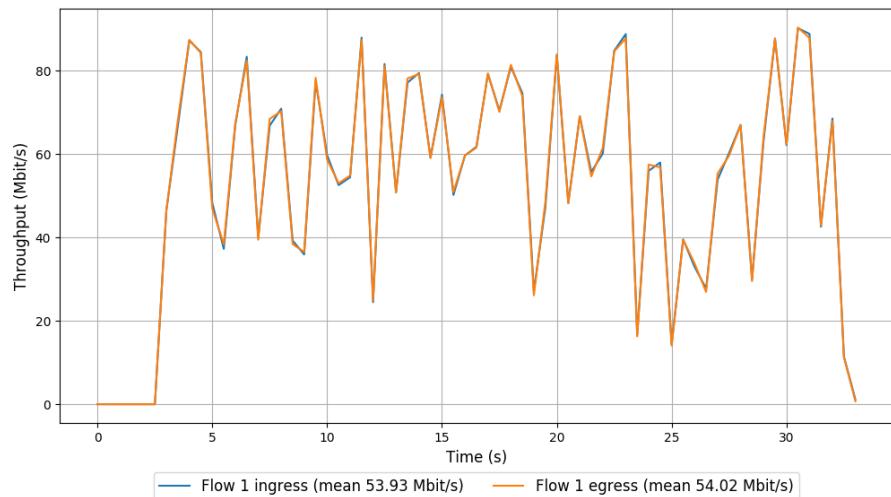


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:46:36 +0000
End at: Fri, 16 Jun 2017 01:47:06 +0000
Local clock offset: -8.192 ms
Remote clock offset: 3.218 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: -7.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: -7.026 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

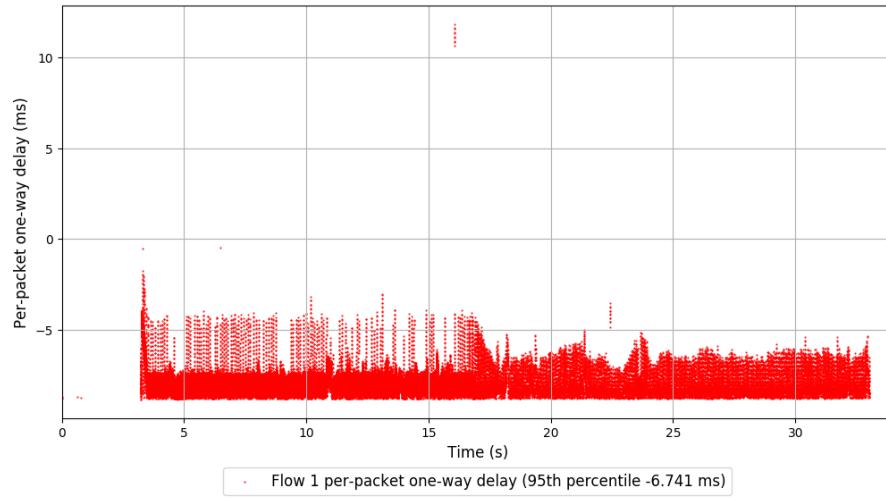
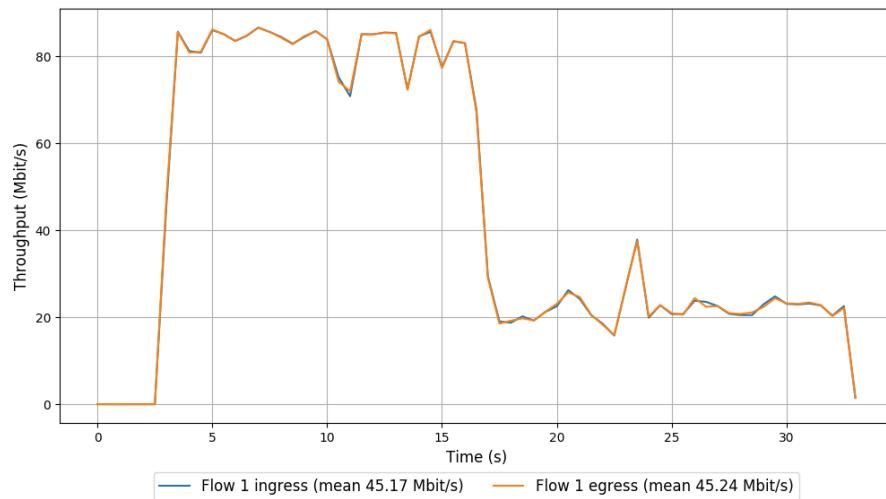


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:05:11 +0000
End at: Fri, 16 Jun 2017 02:05:41 +0000
Local clock offset: -8.016 ms
Remote clock offset: 2.693 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: -6.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: -6.741 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

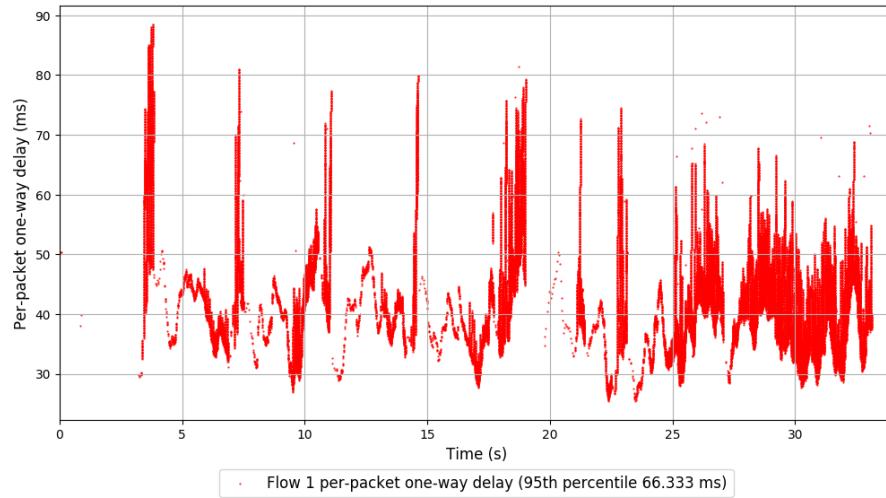
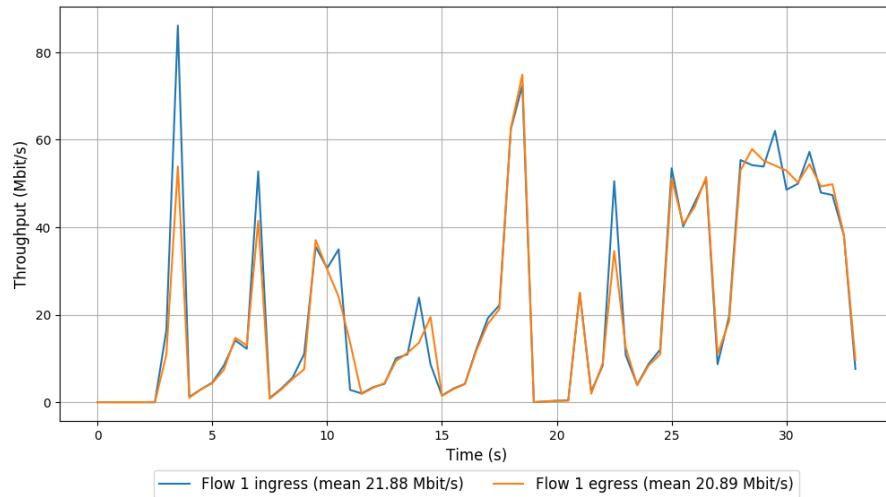


Run 1: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:28:13 +0000
End at: Thu, 15 Jun 2017 23:28:43 +0000
Local clock offset: 0.146 ms
Remote clock offset: -18.836 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.89 Mbit/s
95th percentile per-packet one-way delay: 66.333 ms
Loss rate: 4.56%
-- Flow 1:
Average throughput: 20.89 Mbit/s
95th percentile per-packet one-way delay: 66.333 ms
Loss rate: 4.56%
```

Run 1: Report of Verus — Data Link

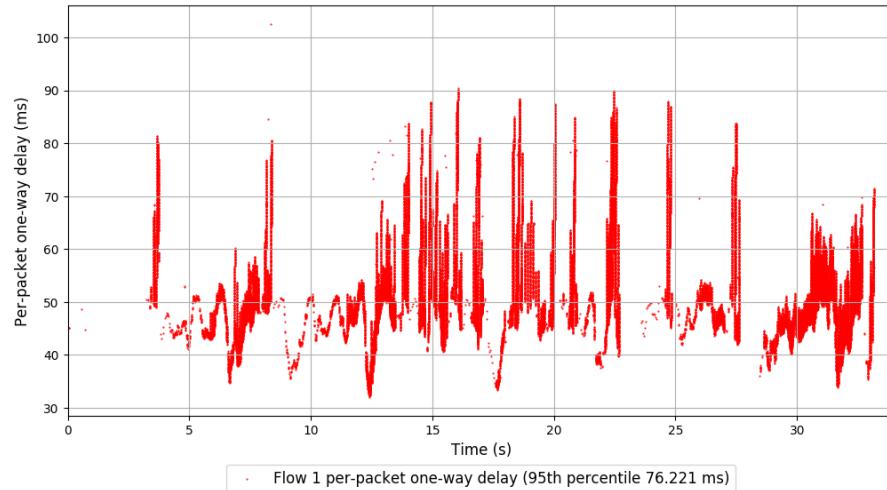
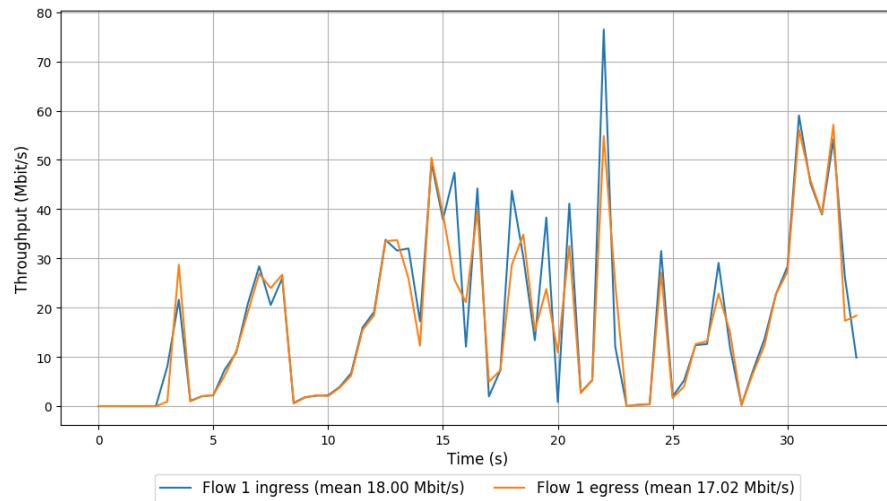


Run 2: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:45:36 +0000
End at: Thu, 15 Jun 2017 23:46:06 +0000
Local clock offset: 0.689 ms
Remote clock offset: -17.27 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 76.221 ms
Loss rate: 5.41%
-- Flow 1:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 76.221 ms
Loss rate: 5.41%
```

Run 2: Report of Verus — Data Link

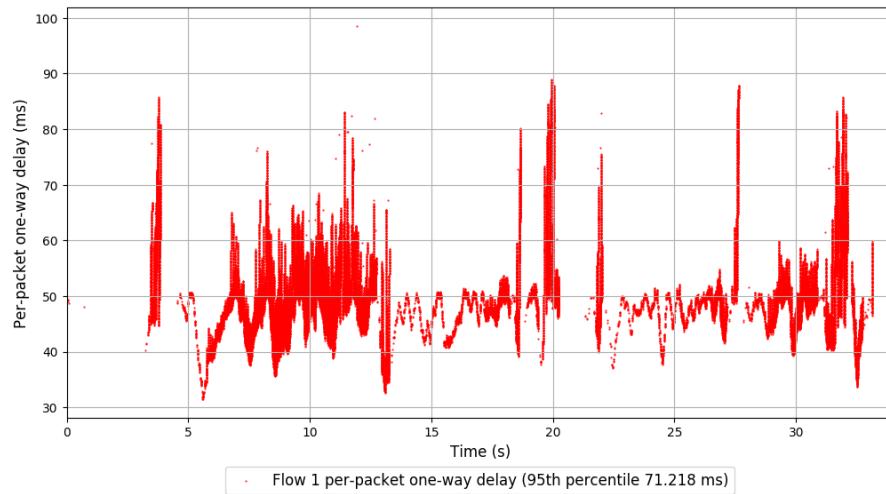
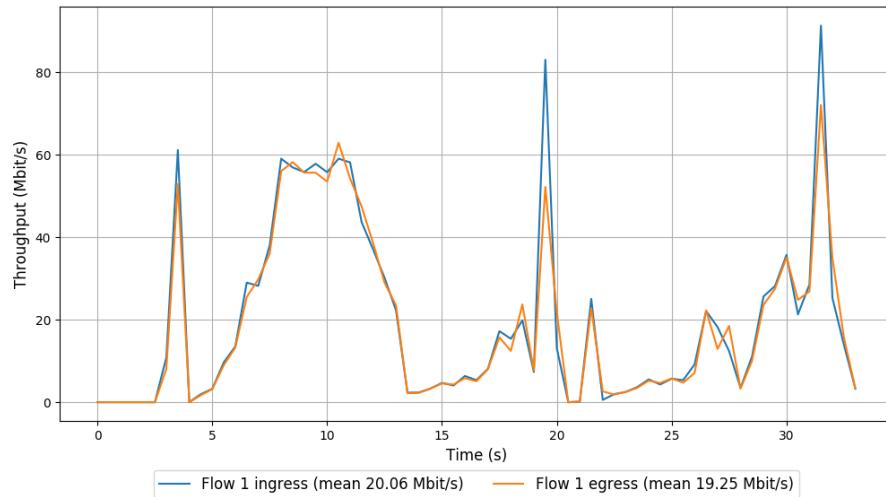


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:03:03 +0000
End at: Fri, 16 Jun 2017 00:03:33 +0000
Local clock offset: 0.493 ms
Remote clock offset: -17.95 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:14:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 71.218 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 71.218 ms
Loss rate: 4.01%
```

Run 3: Report of Verus — Data Link

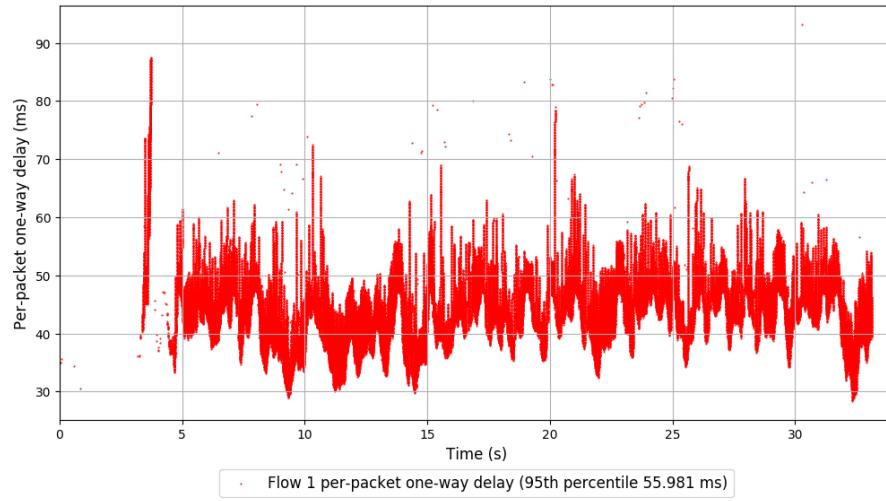
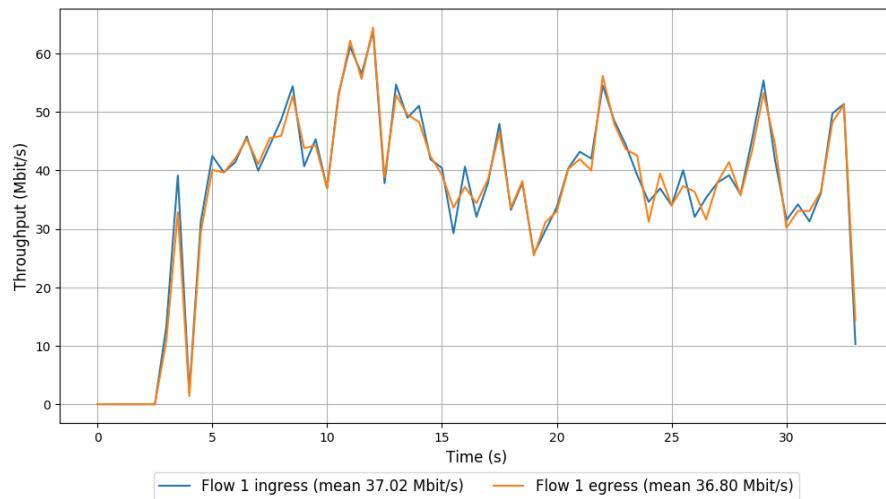


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:20:35 +0000
End at: Fri, 16 Jun 2017 00:21:05 +0000
Local clock offset: -2.025 ms
Remote clock offset: -10.59 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 55.981 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 55.981 ms
Loss rate: 0.54%
```

Run 4: Report of Verus — Data Link

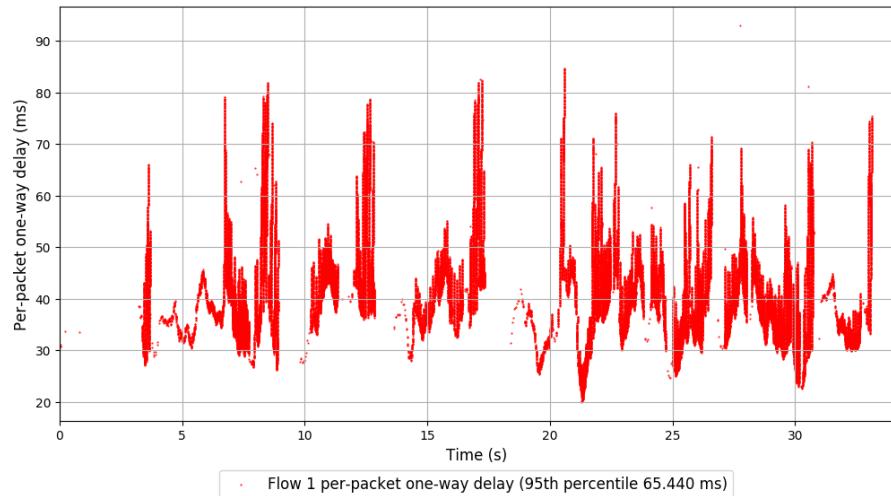
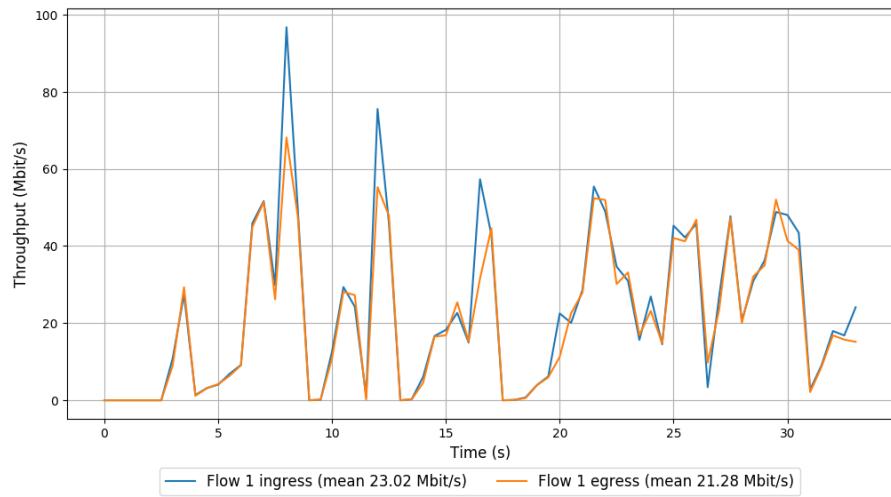


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:38:29 +0000
End at: Fri, 16 Jun 2017 00:38:59 +0000
Local clock offset: -4.211 ms
Remote clock offset: -12.241 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 65.440 ms
Loss rate: 7.56%
-- Flow 1:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 65.440 ms
Loss rate: 7.56%
```

Run 5: Report of Verus — Data Link

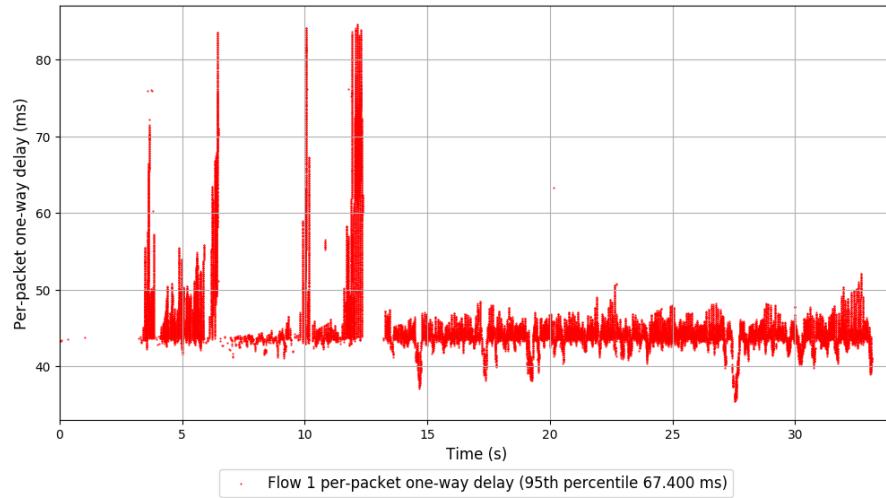
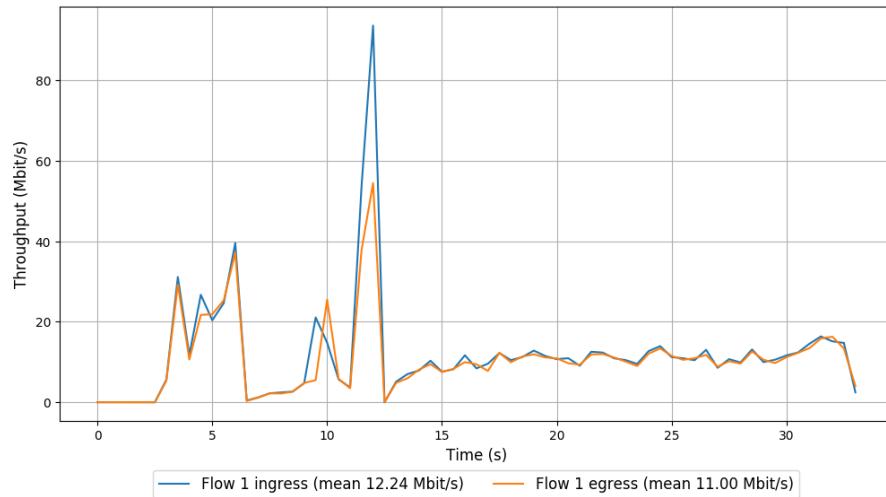


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:56:10 +0000
End at: Fri, 16 Jun 2017 00:56:40 +0000
Local clock offset: -5.592 ms
Remote clock offset: -19.243 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 67.400 ms
Loss rate: 10.08%
-- Flow 1:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 67.400 ms
Loss rate: 10.08%
```

Run 6: Report of Verus — Data Link

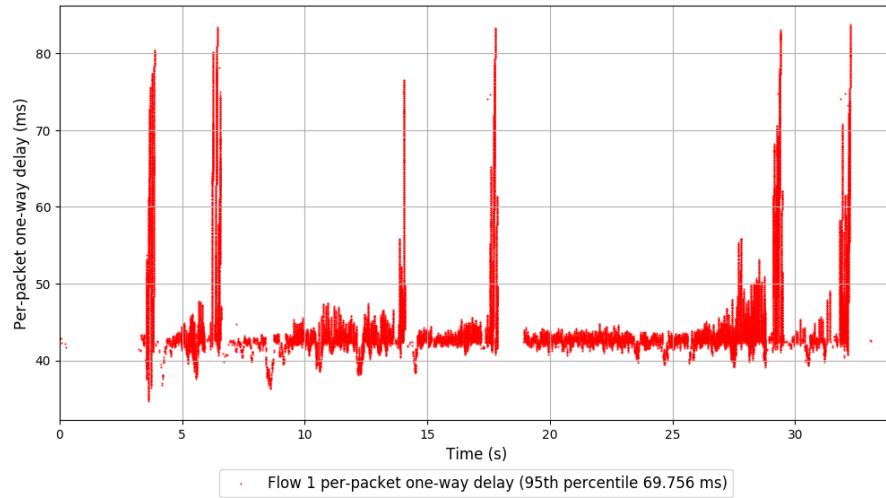
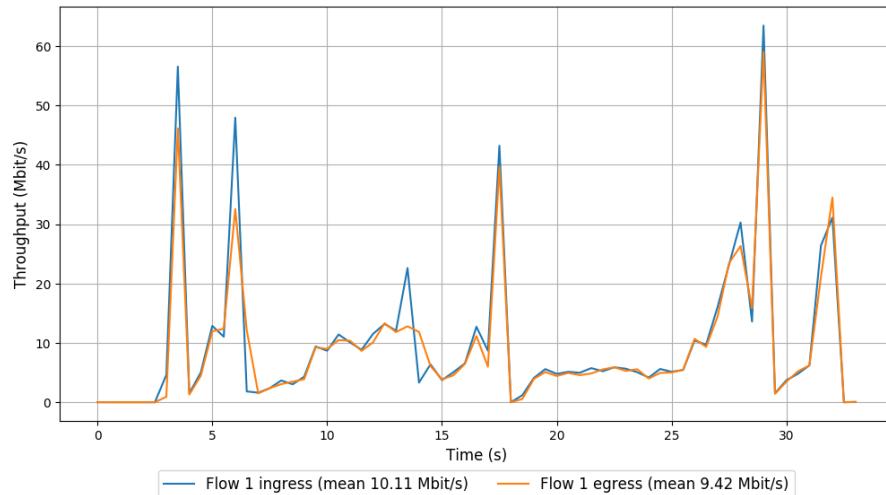


Run 7: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:13:35 +0000
End at: Fri, 16 Jun 2017 01:14:05 +0000
Local clock offset: -6.727 ms
Remote clock offset: -18.83 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 69.756 ms
Loss rate: 6.79%
-- Flow 1:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 69.756 ms
Loss rate: 6.79%
```

Run 7: Report of Verus — Data Link

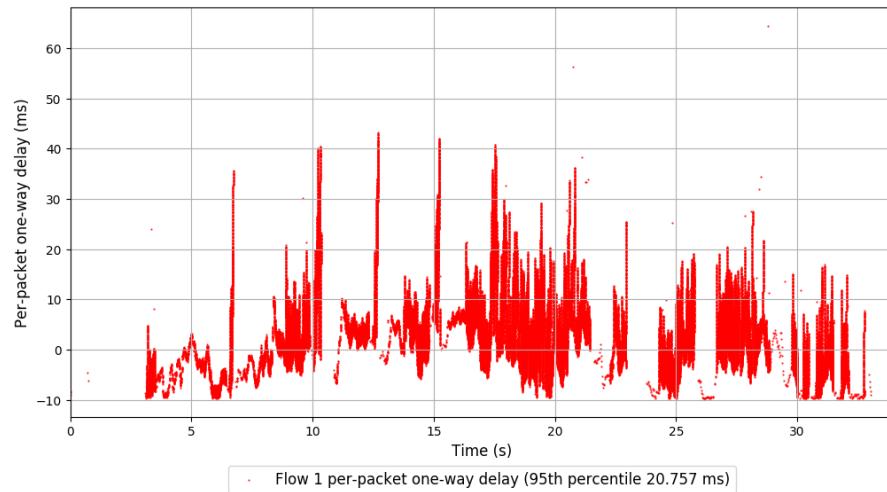
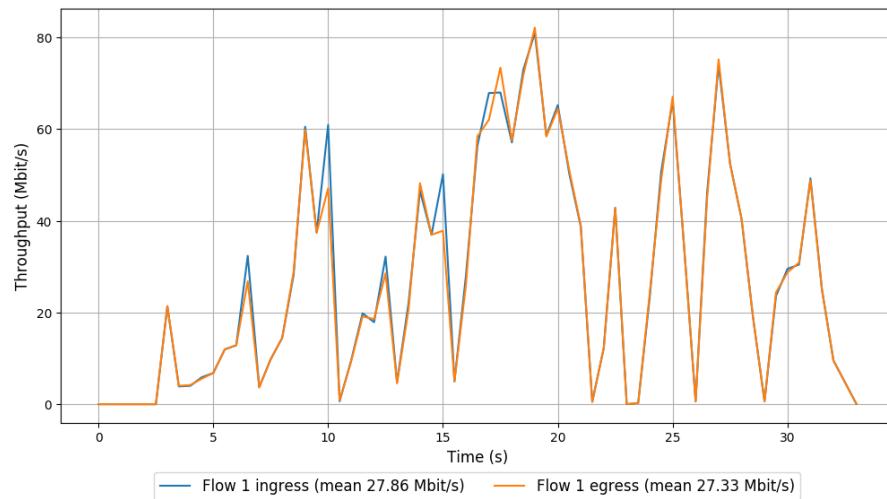


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:31:11 +0000
End at: Fri, 16 Jun 2017 01:31:41 +0000
Local clock offset: -7.747 ms
Remote clock offset: 3.33 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 20.757 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 20.757 ms
Loss rate: 1.93%
```

Run 8: Report of Verus — Data Link

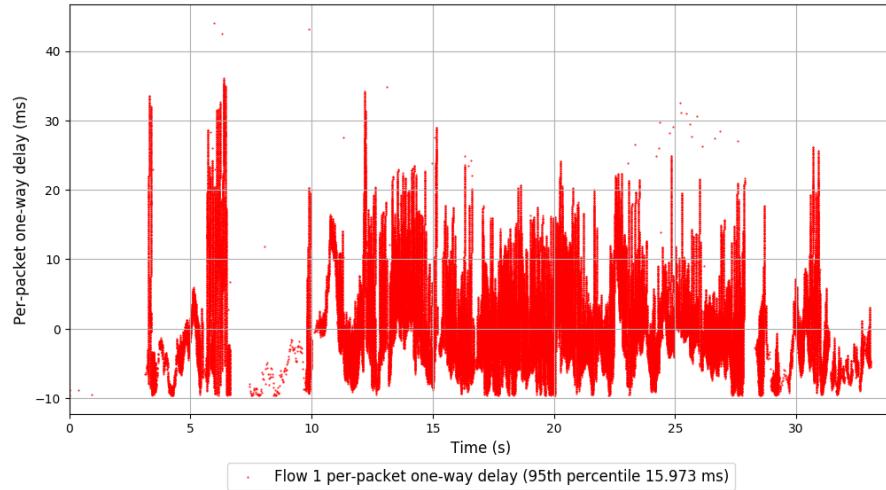
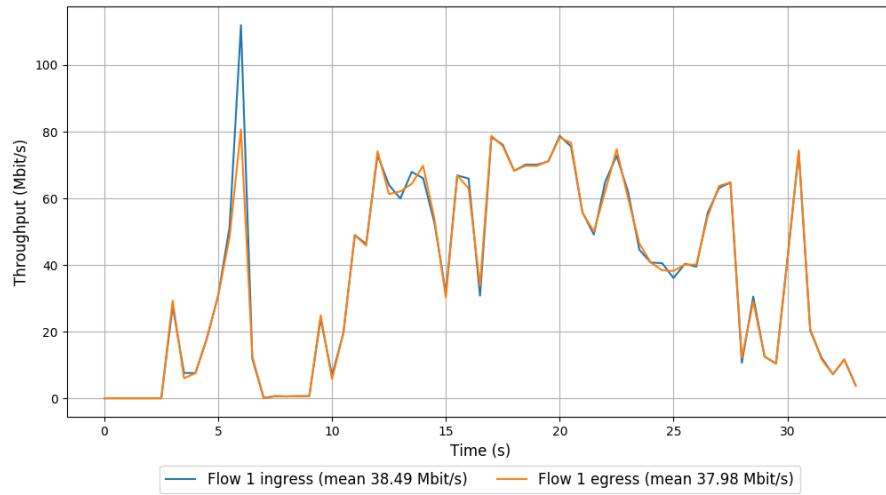


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:49:14 +0000
End at: Fri, 16 Jun 2017 01:49:44 +0000
Local clock offset: -8.033 ms
Remote clock offset: 3.778 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 15.973 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 15.973 ms
Loss rate: 1.32%
```

Run 9: Report of Verus — Data Link

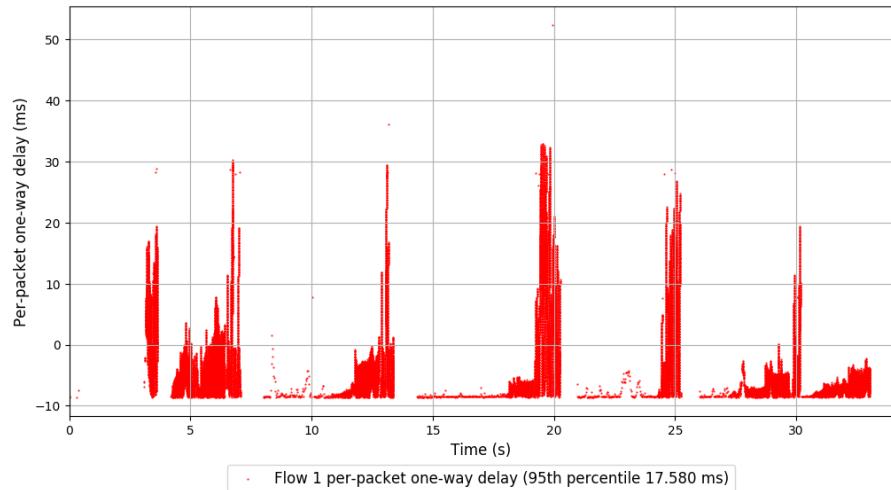
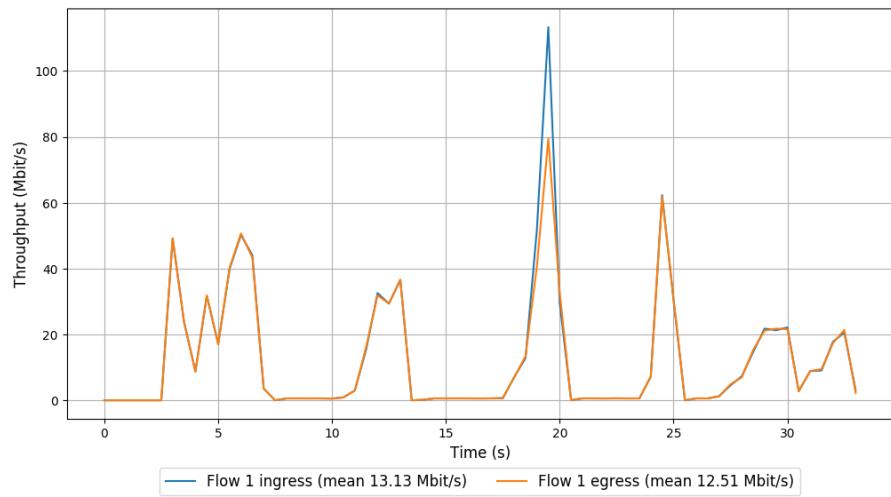


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:07:52 +0000
End at: Fri, 16 Jun 2017 02:08:22 +0000
Local clock offset: -8.123 ms
Remote clock offset: 2.641 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.51 Mbit/s
95th percentile per-packet one-way delay: 17.580 ms
Loss rate: 4.76%
-- Flow 1:
Average throughput: 12.51 Mbit/s
95th percentile per-packet one-way delay: 17.580 ms
Loss rate: 4.76%
```

Run 10: Report of Verus — Data Link

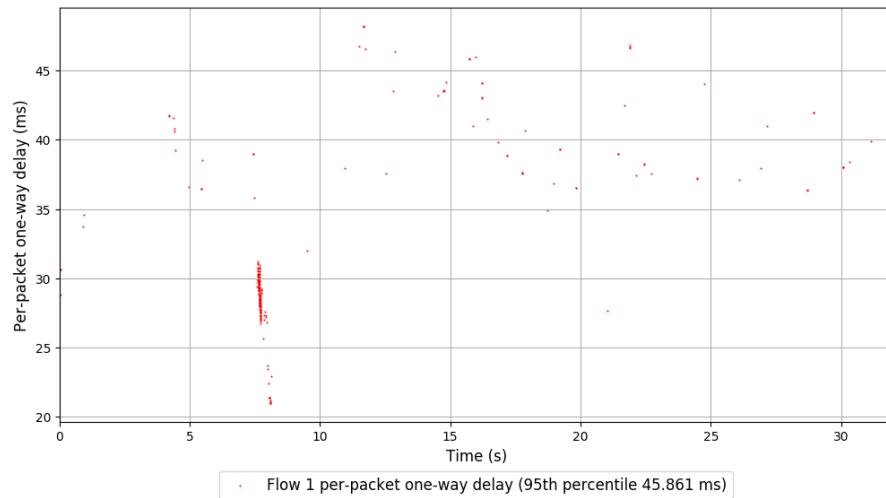
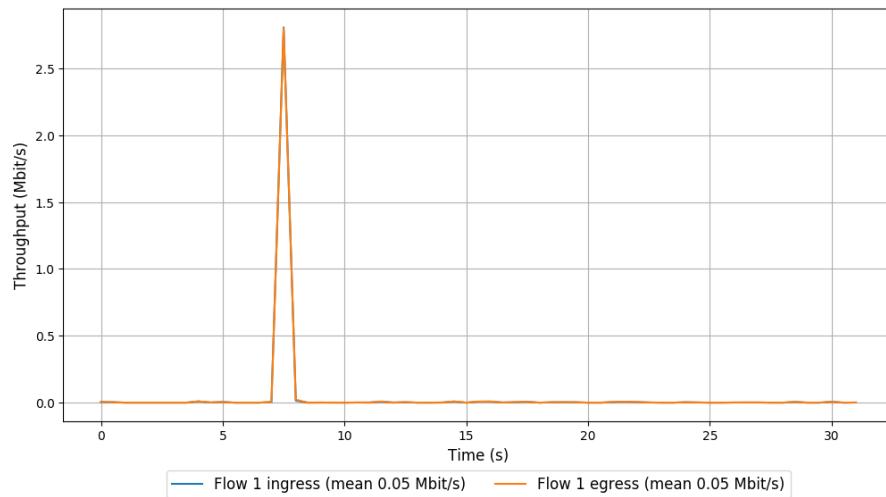


```
Run 1: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:16:46 +0000
End at: Thu, 15 Jun 2017 23:17:16 +0000
Local clock offset: -0.91 ms
Remote clock offset: -16.068 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.861 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

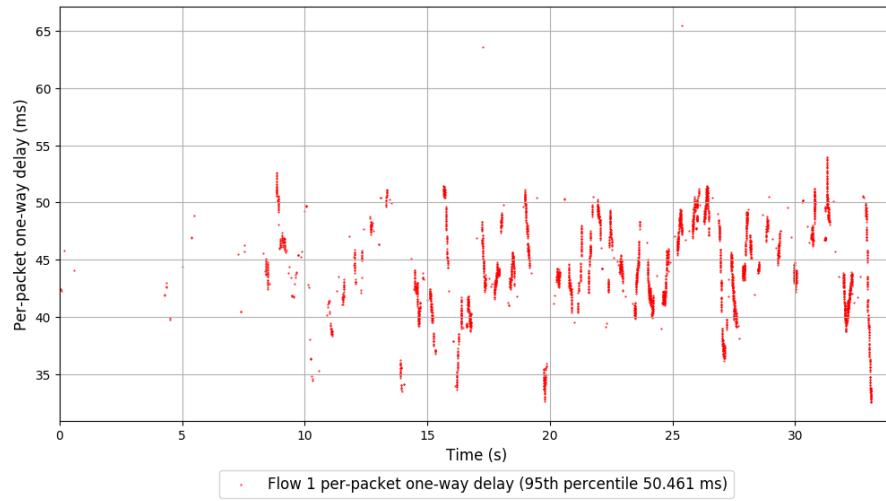
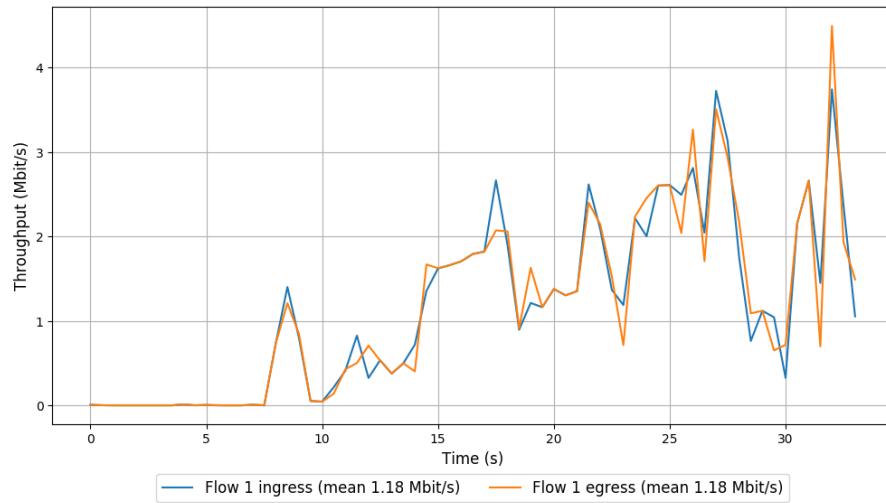


```
Run 2: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:34:09 +0000
End at: Thu, 15 Jun 2017 23:34:39 +0000
Local clock offset: 0.4 ms
Remote clock offset: -16.174 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 50.461 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 50.461 ms
Loss rate: 0.18%
```

Run 2: Report of WebRTC media — Data Link

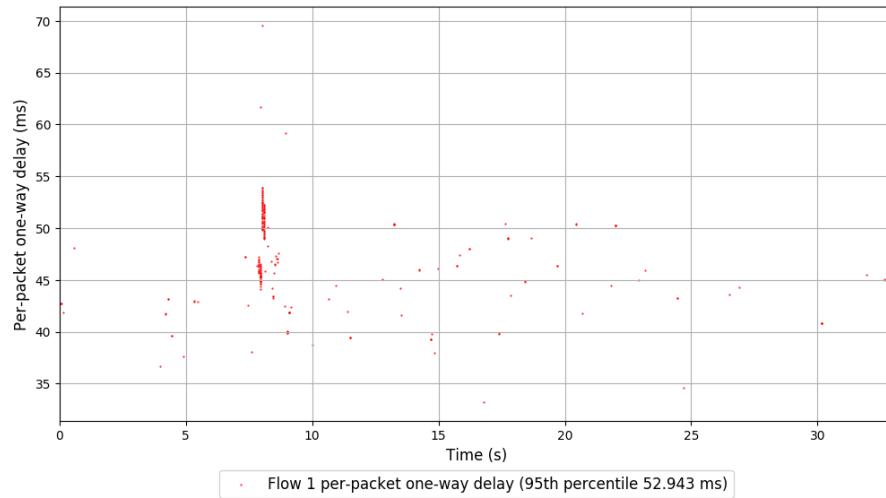
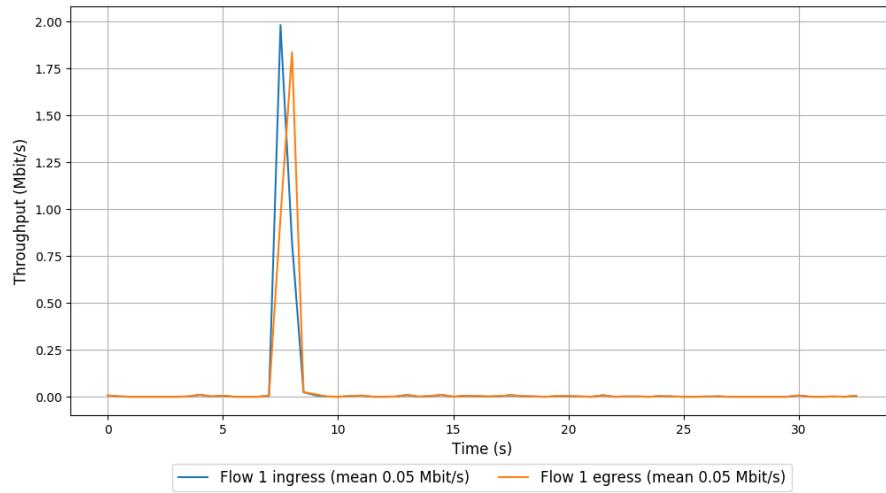


```
Run 3: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:51:29 +0000
End at: Thu, 15 Jun 2017 23:52:00 +0000
Local clock offset: 0.657 ms
Remote clock offset: -16.383 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 52.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 52.943 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

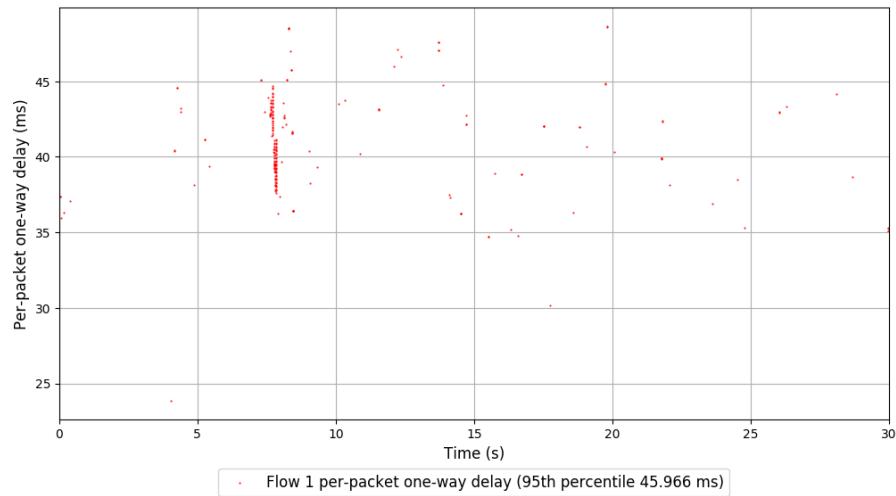
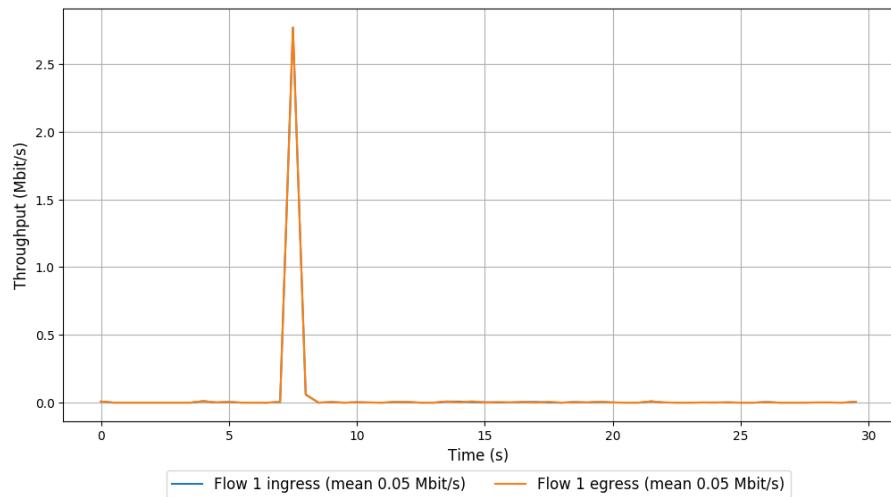


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:09:04 +0000
End at: Fri, 16 Jun 2017 00:09:34 +0000
Local clock offset: -0.951 ms
Remote clock offset: -14.803 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:15:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.966 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

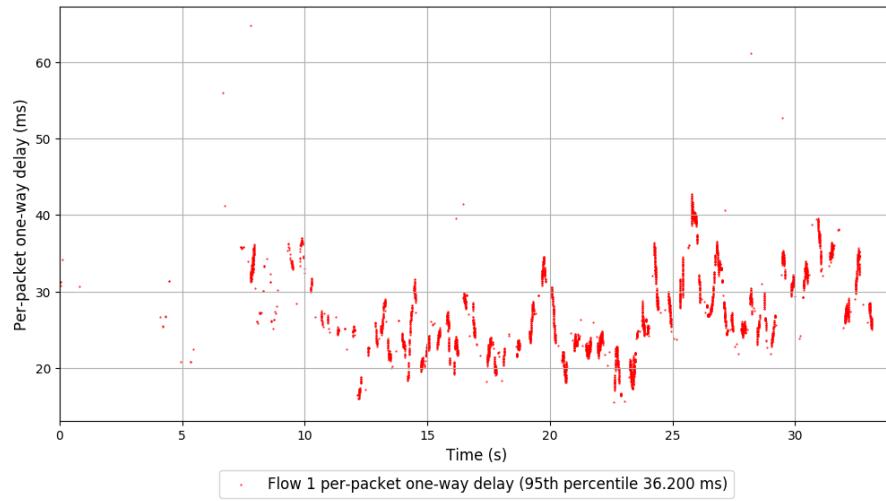
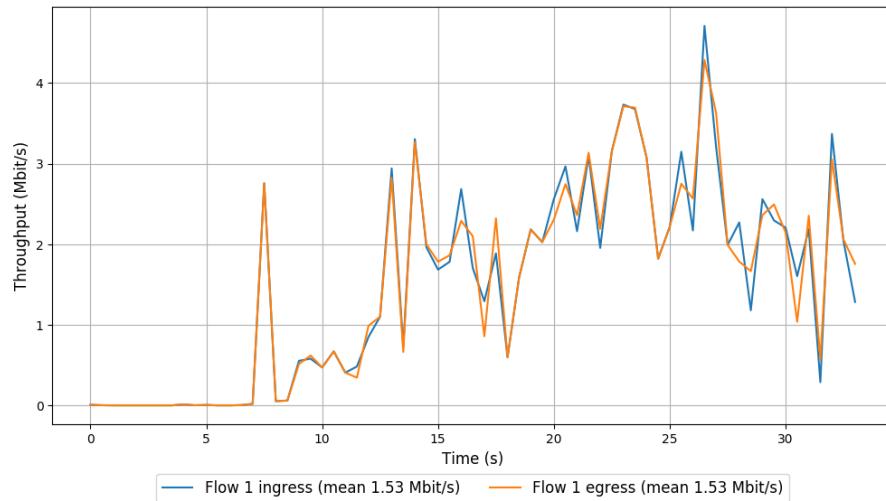


Run 5: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:26:51 +0000
End at: Fri, 16 Jun 2017 00:27:21 +0000
Local clock offset: -2.71 ms
Remote clock offset: -12.655 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 36.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 36.200 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

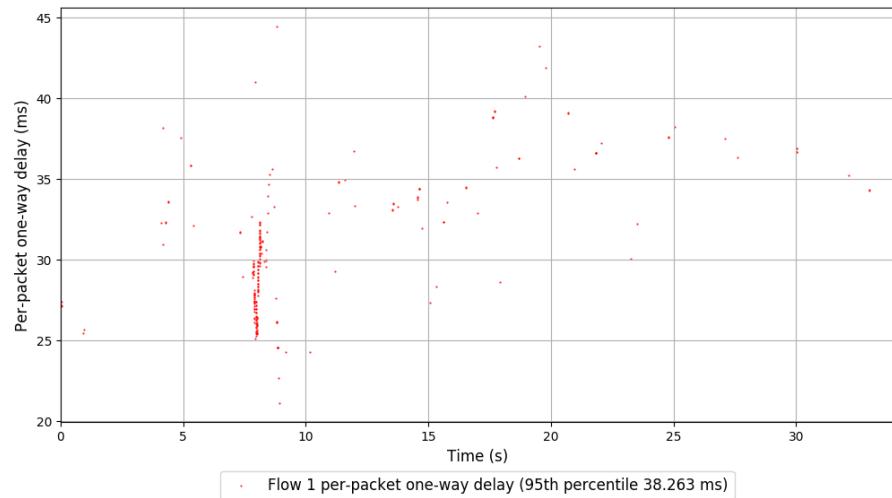
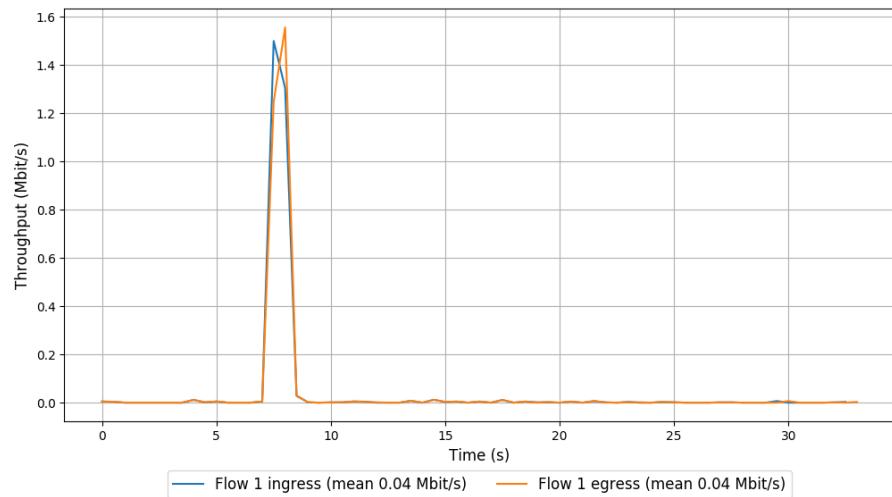


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:44:36 +0000
End at: Fri, 16 Jun 2017 00:45:06 +0000
Local clock offset: -4.965 ms
Remote clock offset: -16.14 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 38.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 38.263 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

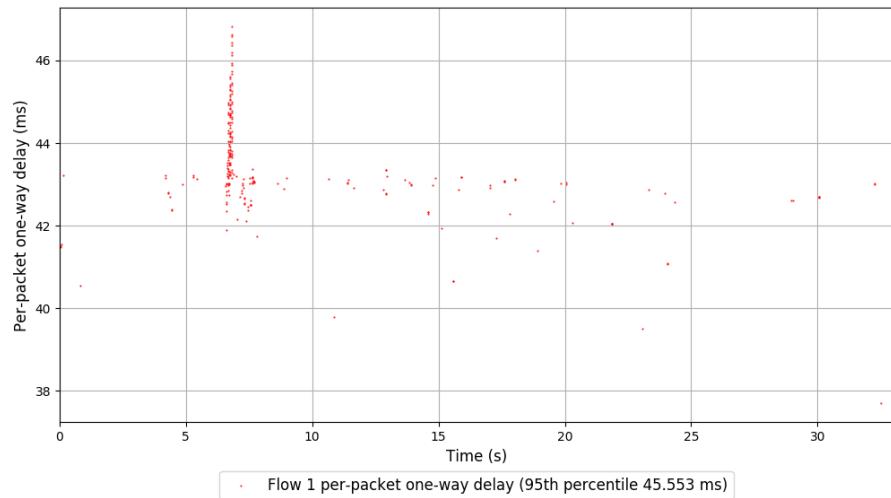
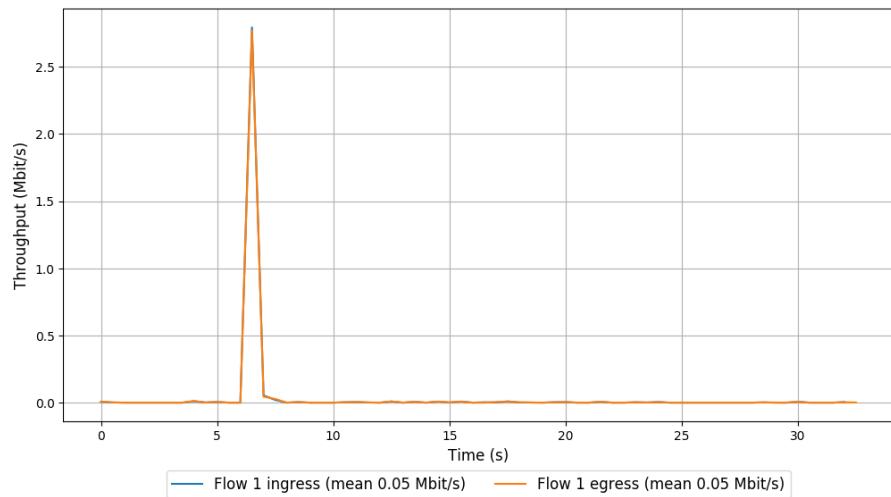


Run 7: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:01:57 +0000
End at: Fri, 16 Jun 2017 01:02:27 +0000
Local clock offset: -5.911 ms
Remote clock offset: -17.755 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.553 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.553 ms
Loss rate: 0.90%
```

Run 7: Report of WebRTC media — Data Link

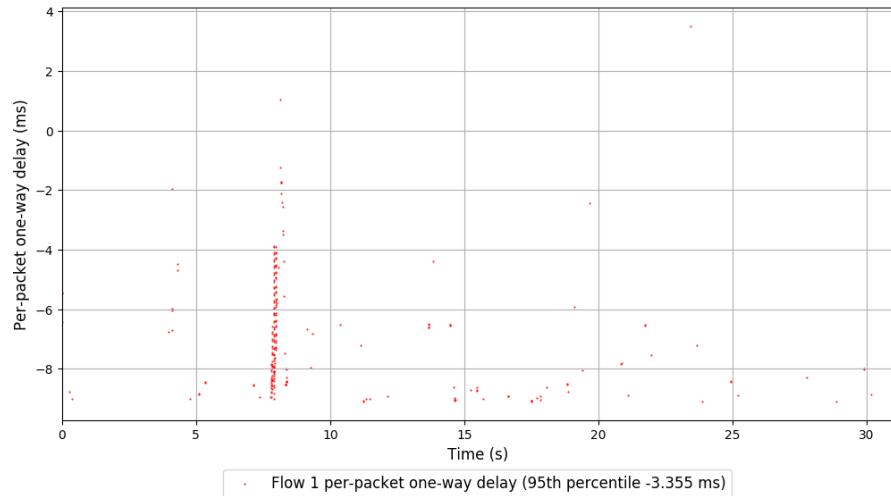
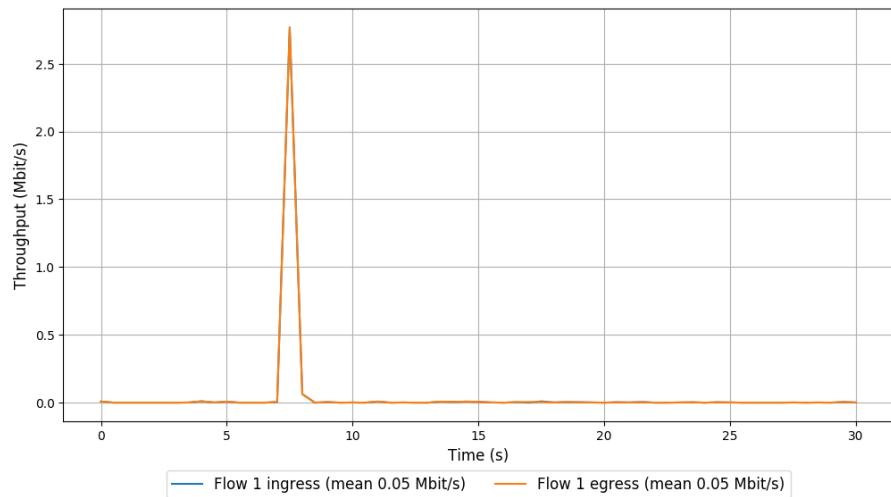


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:19:31 +0000
End at: Fri, 16 Jun 2017 01:20:01 +0000
Local clock offset: -7.176 ms
Remote clock offset: 3.471 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -3.355 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -3.355 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

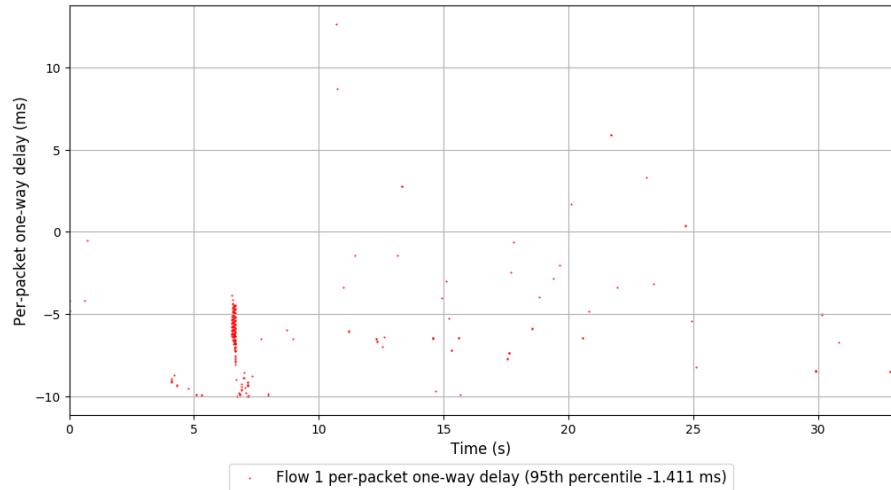
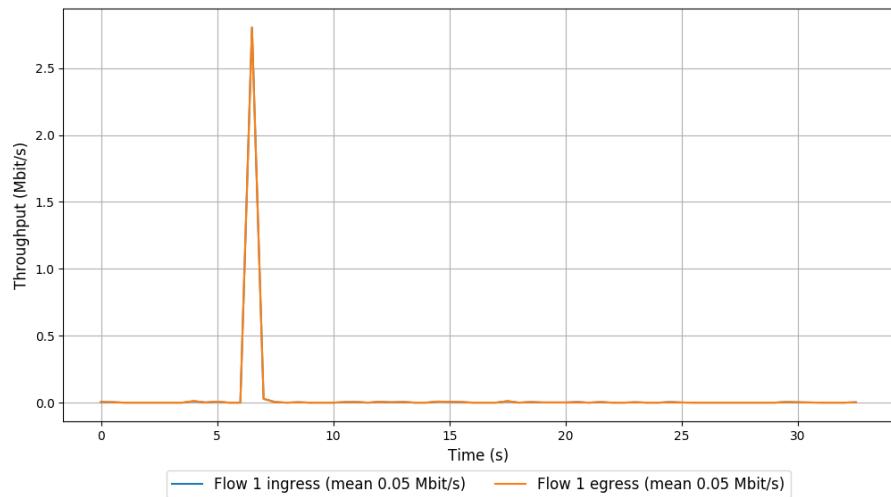


Run 9: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:37:28 +0000
End at: Fri, 16 Jun 2017 01:37:58 +0000
Local clock offset: -7.951 ms
Remote clock offset: 4.042 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -1.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -1.411 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 01:55:34 +0000
End at: Fri, 16 Jun 2017 01:56:04 +0000
Local clock offset: -7.969 ms
Remote clock offset: 3.283 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:16:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.035 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.035 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

