

Pantheon Summary (Generated at Fri, 16 Jun 2017 06:32:59 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

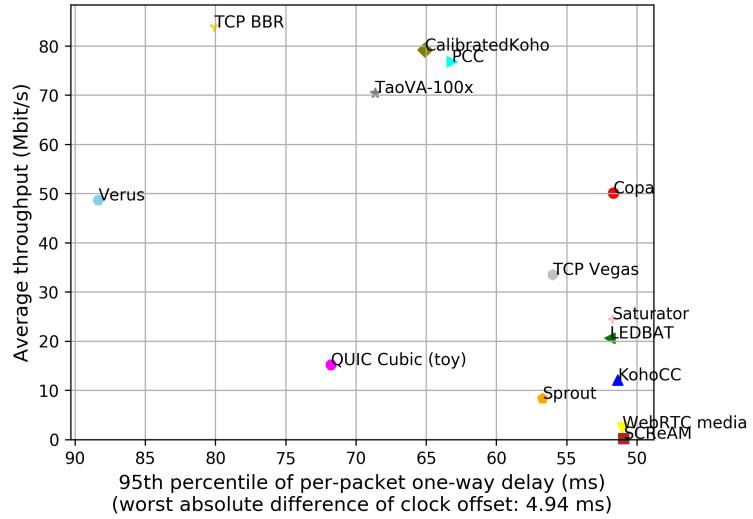
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS California 2 Ethernet **to** Mexico Ethernet.

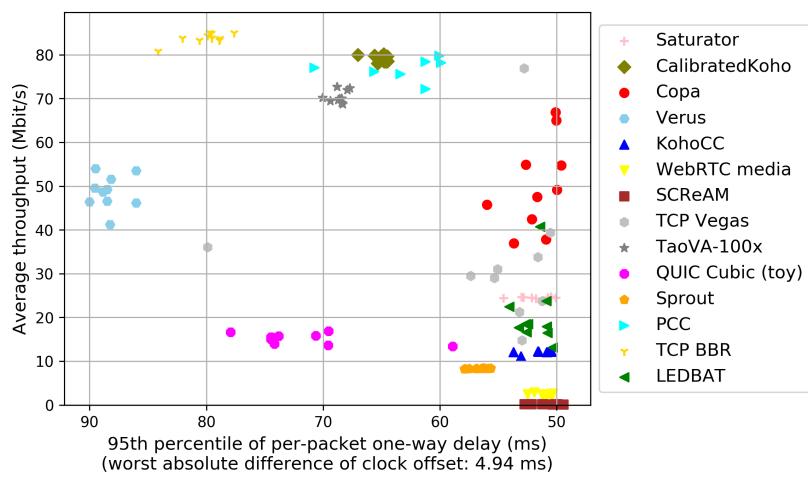
NTP offset measured against time.stanford.edu.

```
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
```

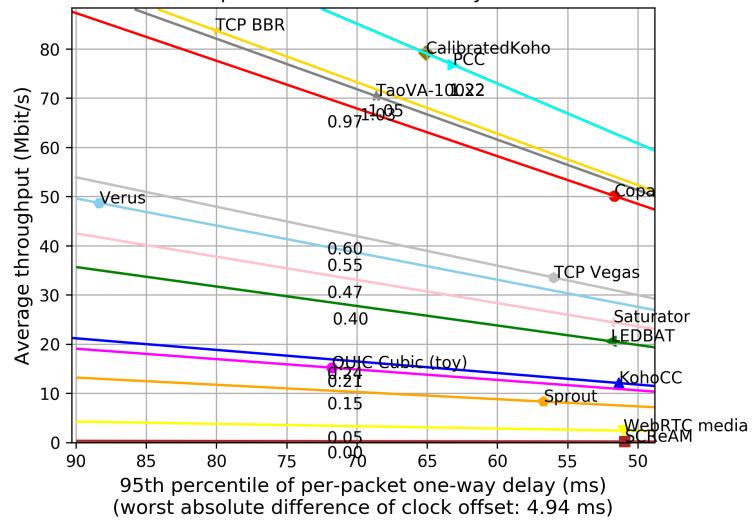
test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme



test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
 mean power scores of all runs by scheme

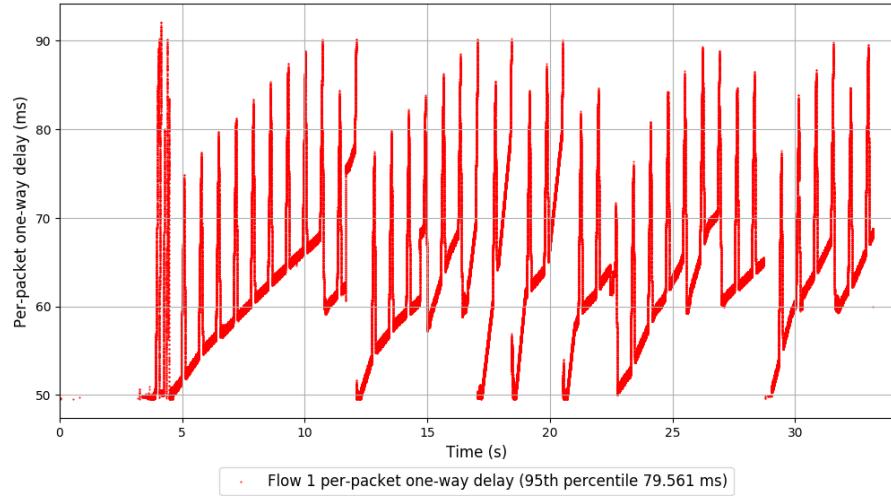
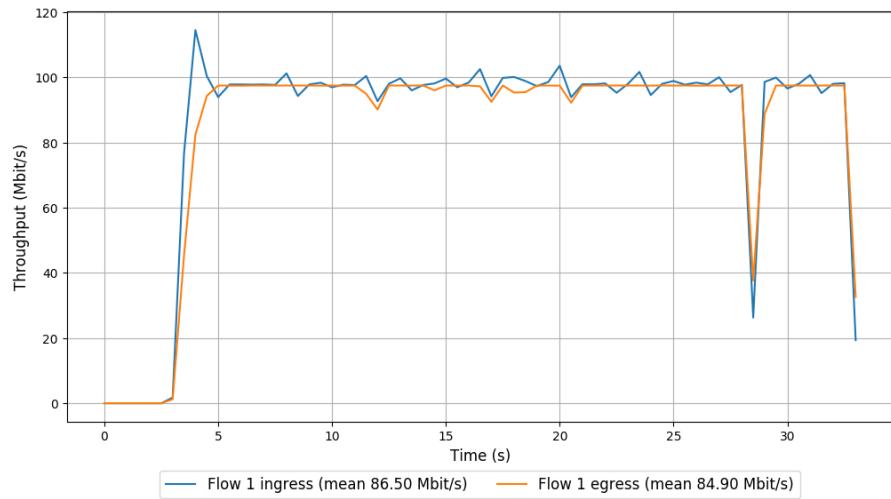


Run 1: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:18:35 +0000
End at: Thu, 15 Jun 2017 23:19:05 +0000
Local clock offset: -1.715 ms
Remote clock offset: -4.954 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:24:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 79.561 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 79.561 ms
Loss rate: 1.83%
```

Run 1: Report of TCP BBR — Data Link

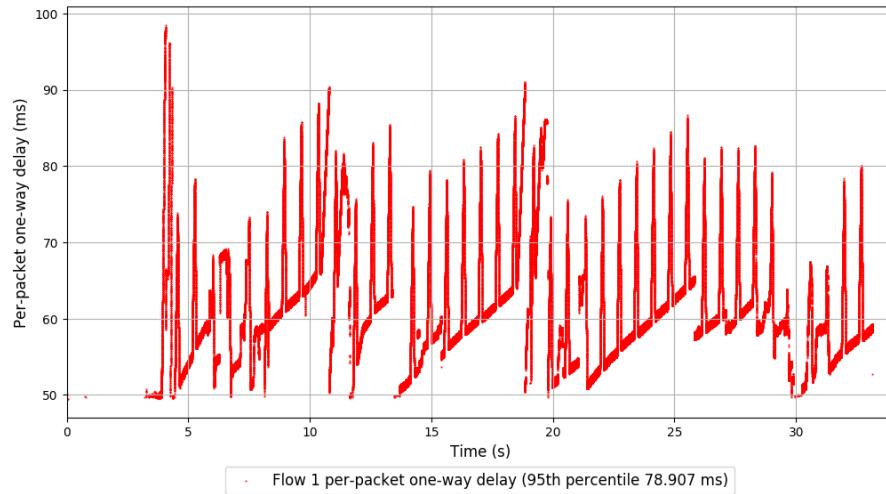
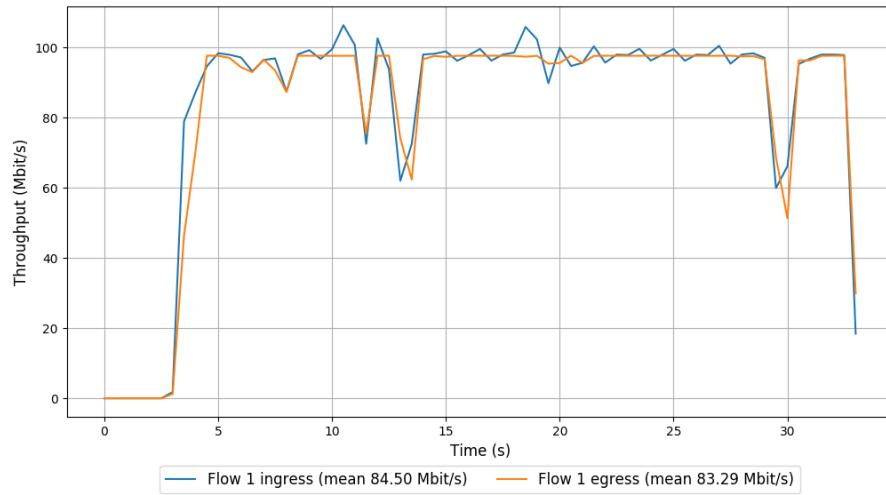


Run 2: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:38:16 +0000
End at: Thu, 15 Jun 2017 23:38:46 +0000
Local clock offset: -1.374 ms
Remote clock offset: -2.453 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:24:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 78.907 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 78.907 ms
Loss rate: 1.43%
```

Run 2: Report of TCP BBR — Data Link

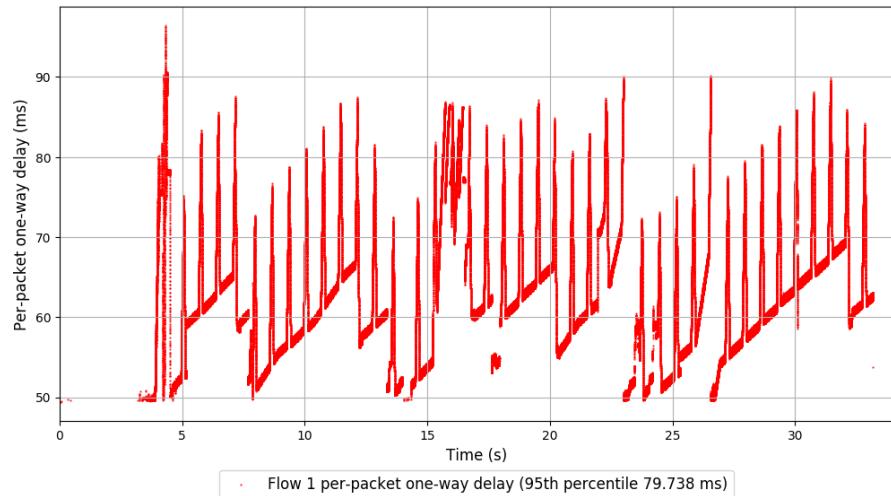
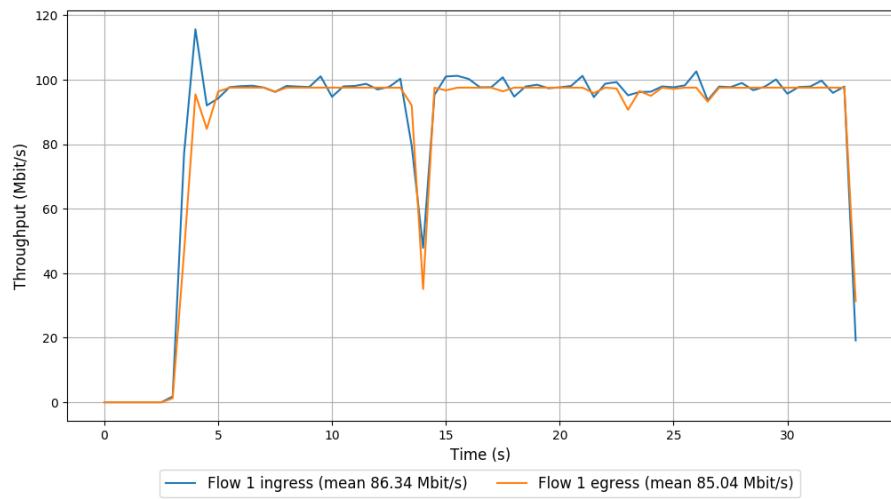


Run 3: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:58:02 +0000
End at: Thu, 15 Jun 2017 23:58:32 +0000
Local clock offset: -1.295 ms
Remote clock offset: -2.329 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:24:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 79.738 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 79.738 ms
Loss rate: 1.50%
```

Run 3: Report of TCP BBR — Data Link

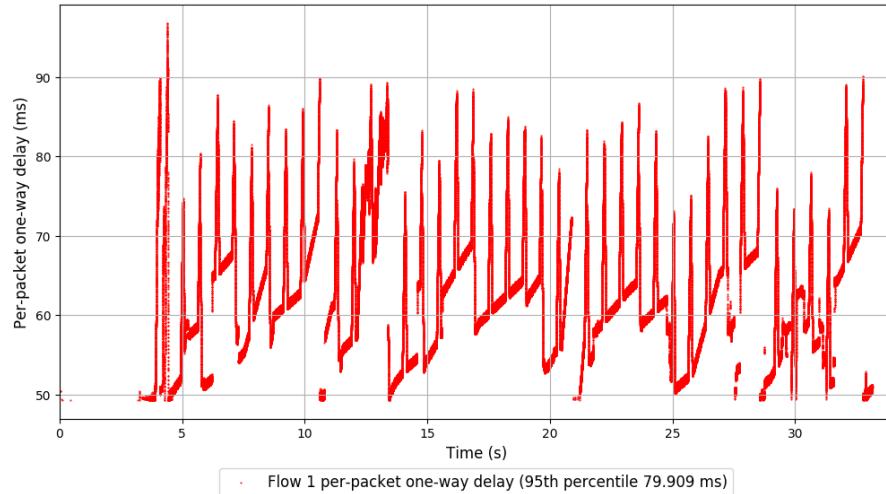
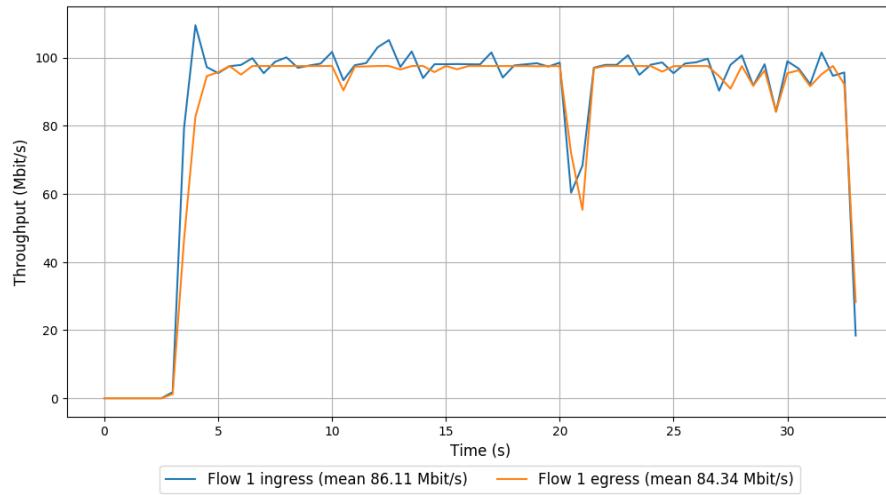


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:17:42 +0000
End at: Fri, 16 Jun 2017 00:18:12 +0000
Local clock offset: -1.623 ms
Remote clock offset: -1.91 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:24:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 79.909 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 79.909 ms
Loss rate: 2.08%
```

Run 4: Report of TCP BBR — Data Link

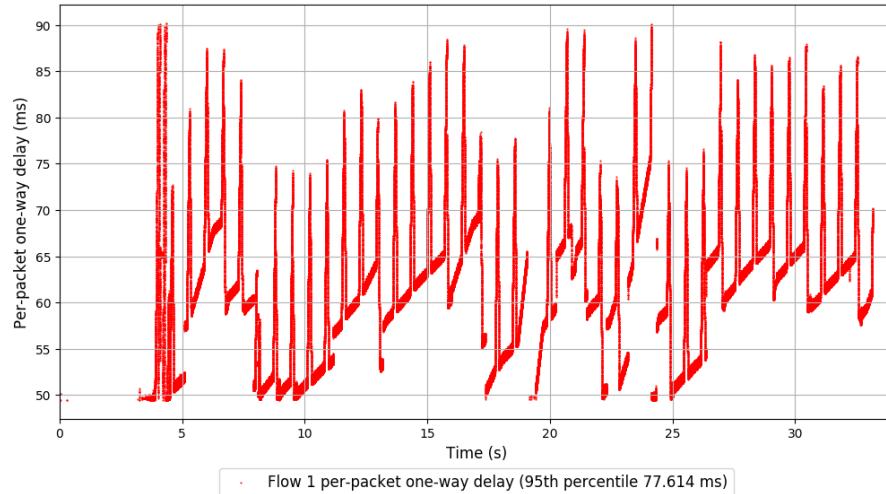
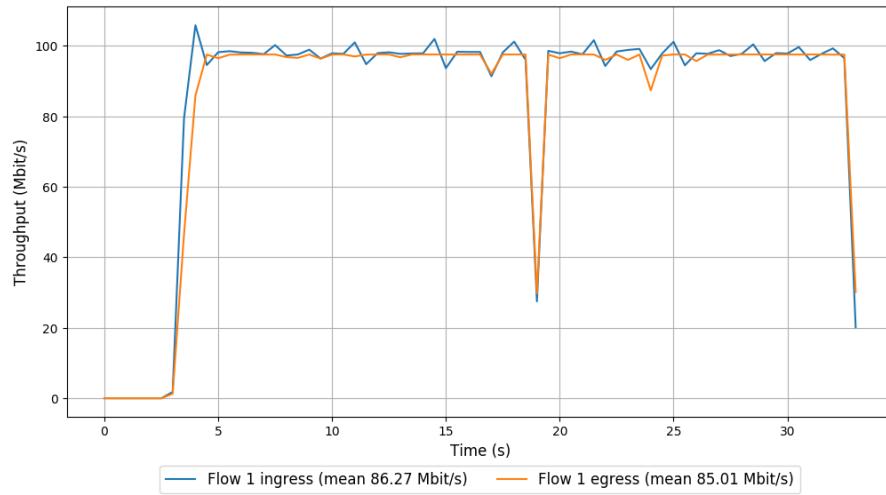


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:37:22 +0000
End at: Fri, 16 Jun 2017 00:37:52 +0000
Local clock offset: -1.481 ms
Remote clock offset: -4.341 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 77.614 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 77.614 ms
Loss rate: 1.42%
```

Run 5: Report of TCP BBR — Data Link

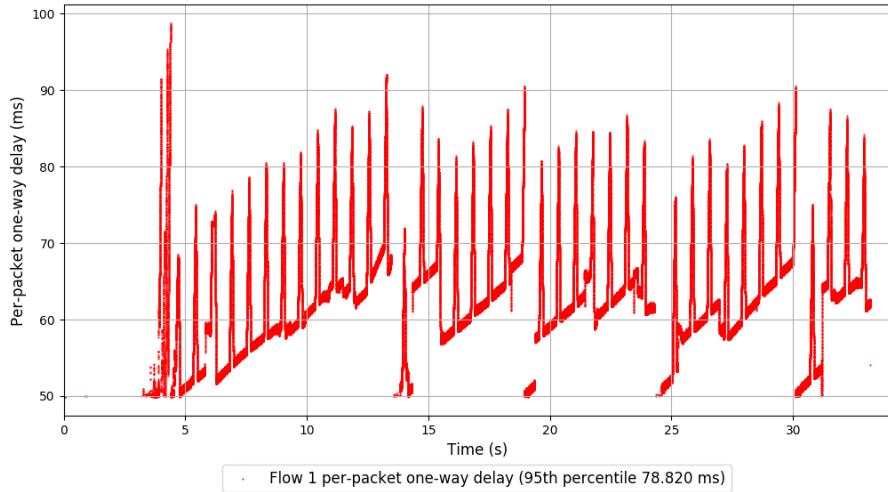
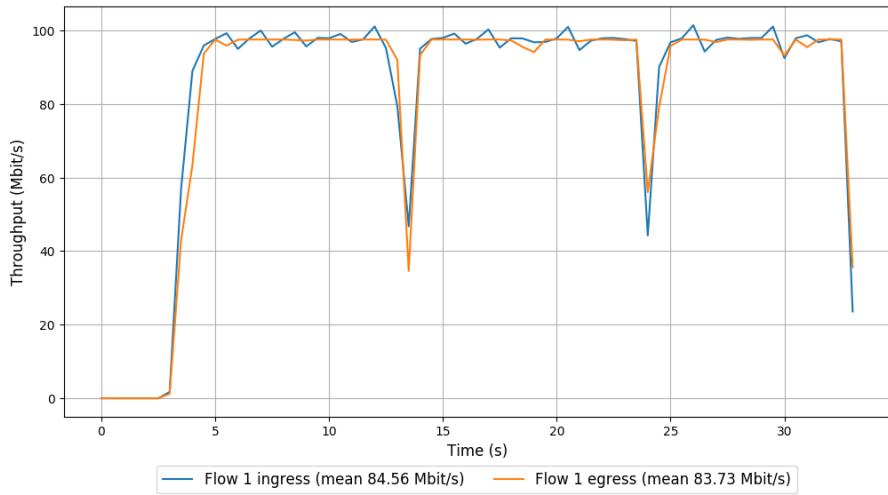


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:57:04 +0000
End at: Fri, 16 Jun 2017 00:57:34 +0000
Local clock offset: -0.89 ms
Remote clock offset: -2.151 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 78.820 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 78.820 ms
Loss rate: 0.97%
```

Run 6: Report of TCP BBR — Data Link

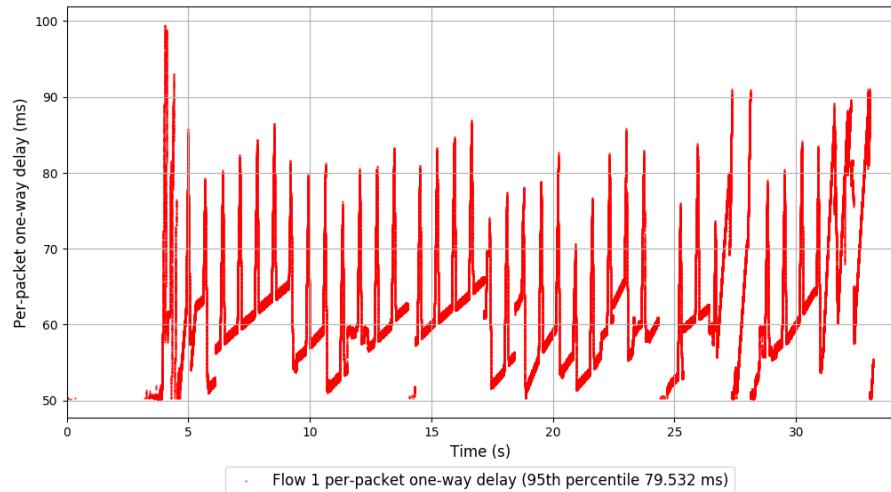
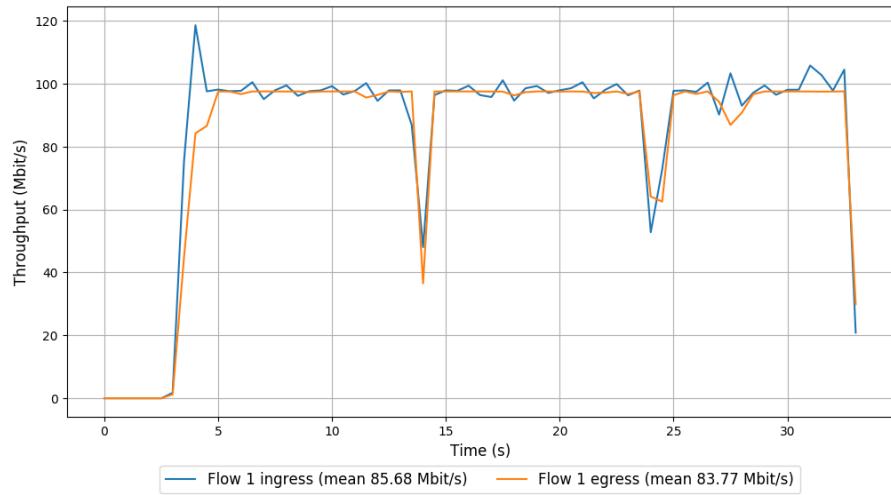


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:16:43 +0000
End at: Fri, 16 Jun 2017 01:17:13 +0000
Local clock offset: -0.595 ms
Remote clock offset: -4.546 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 79.532 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 79.532 ms
Loss rate: 2.23%
```

Run 7: Report of TCP BBR — Data Link

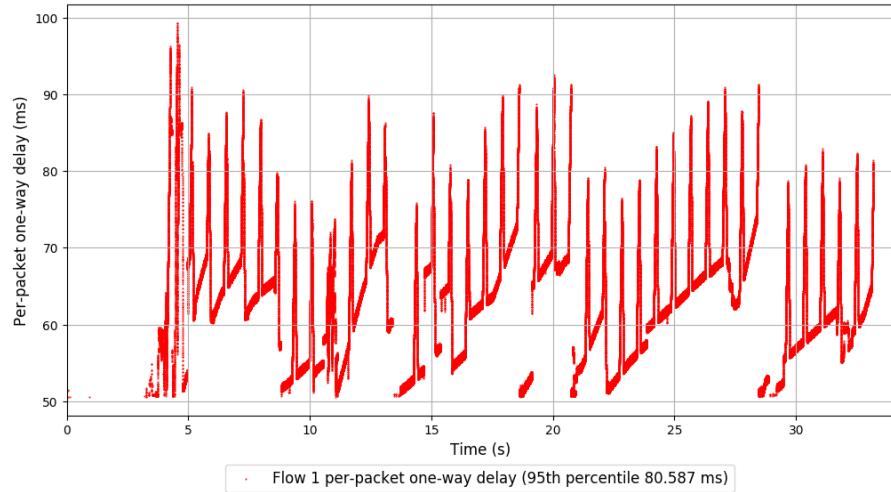
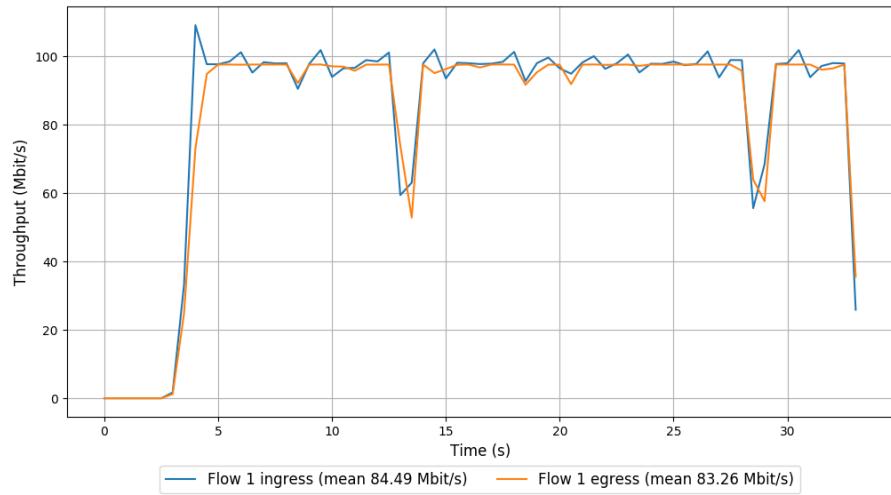


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:36:21 +0000
End at: Fri, 16 Jun 2017 01:36:51 +0000
Local clock offset: -0.035 ms
Remote clock offset: -4.126 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 80.587 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 80.587 ms
Loss rate: 1.39%
```

Run 8: Report of TCP BBR — Data Link

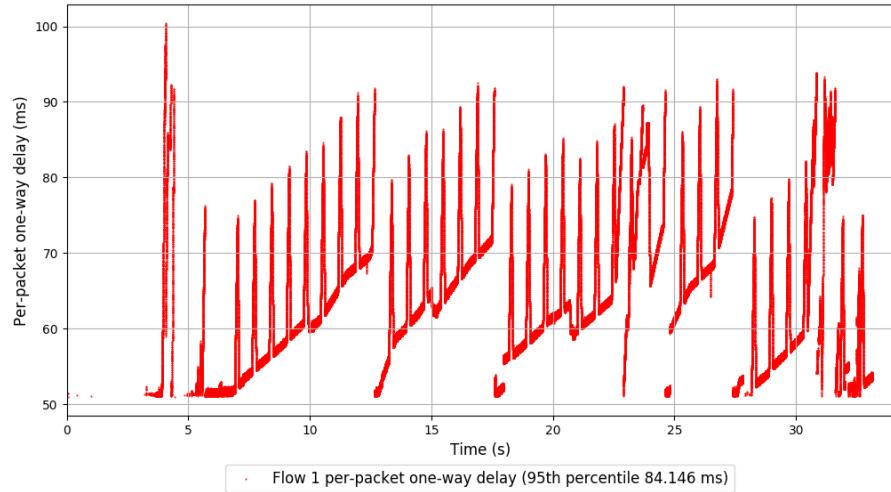
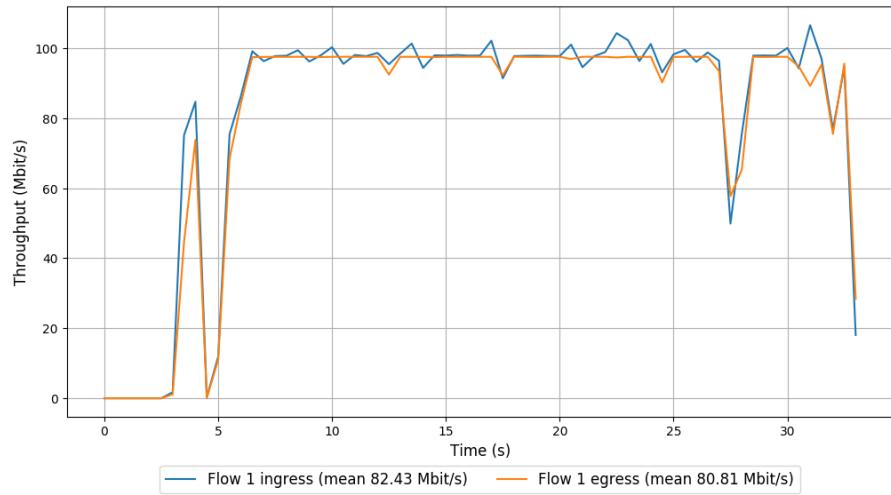


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:56:00 +0000
End at: Fri, 16 Jun 2017 01:56:30 +0000
Local clock offset: 0.349 ms
Remote clock offset: -1.755 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 84.146 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 84.146 ms
Loss rate: 1.98%
```

Run 9: Report of TCP BBR — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:15:35 +0000
```

```
End at: Fri, 16 Jun 2017 02:16:05 +0000
```

```
Local clock offset: -0.724 ms
```

```
Remote clock offset: -4.267 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:33 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 83.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 82.054 ms
```

```
Loss rate: 1.87%
```

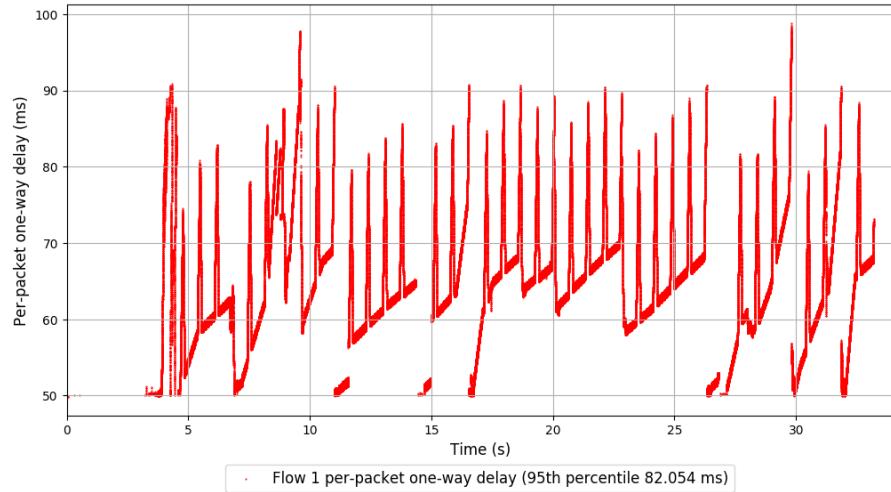
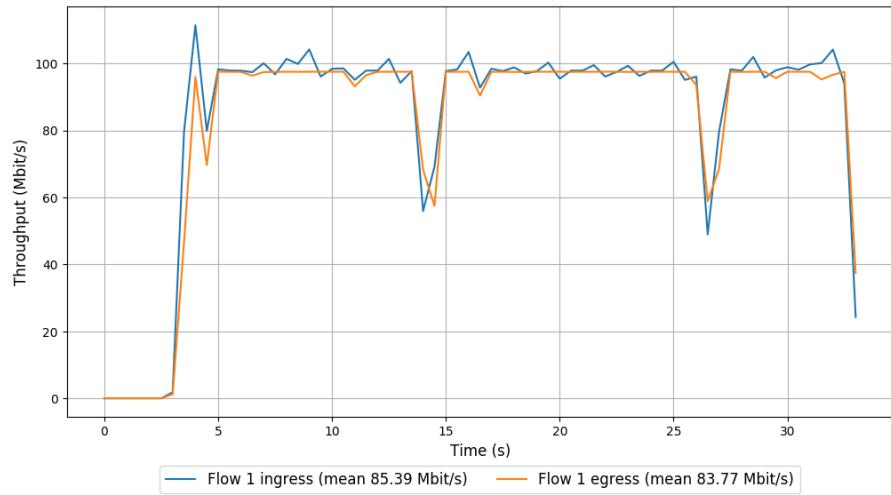
```
-- Flow 1:
```

```
Average throughput: 83.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 82.054 ms
```

```
Loss rate: 1.87%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:19:57 +0000
```

```
End at: Thu, 15 Jun 2017 23:20:27 +0000
```

```
Local clock offset: -1.566 ms
```

```
Remote clock offset: -2.453 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:45 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 78.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.772 ms
```

```
Loss rate: 0.26%
```

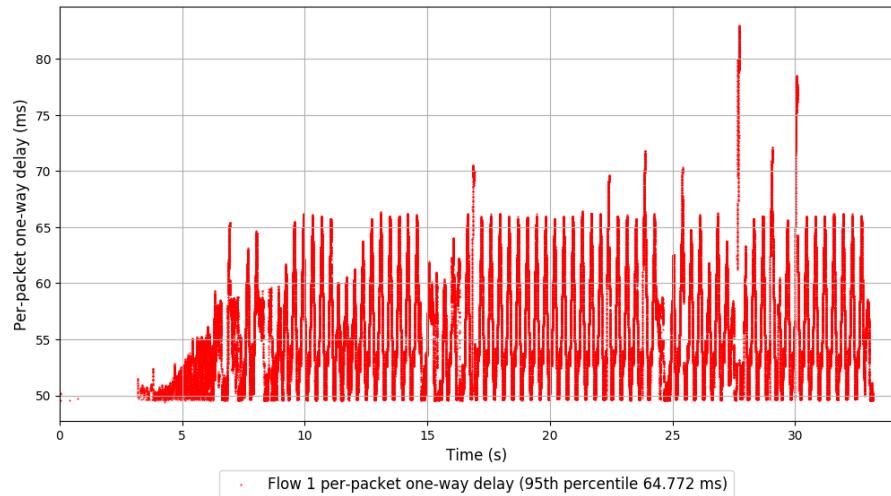
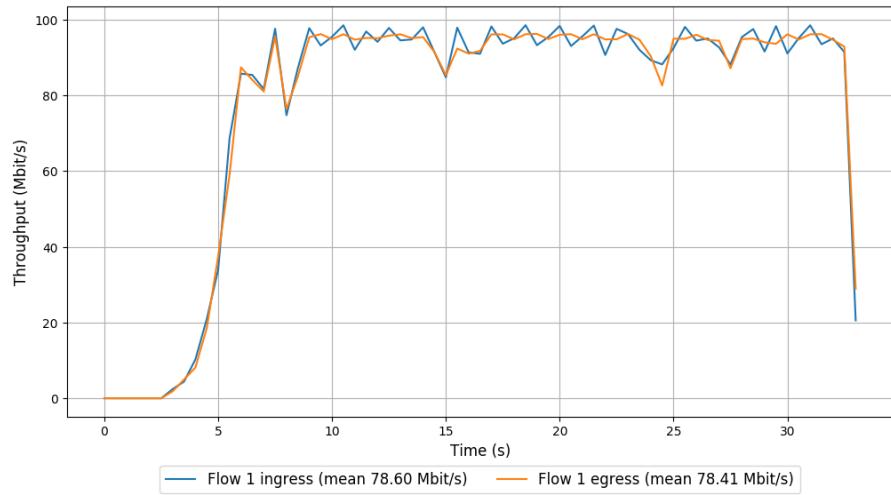
```
-- Flow 1:
```

```
Average throughput: 78.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 64.772 ms
```

```
Loss rate: 0.26%
```

Run 1: Report of CalibratedKoho — Data Link

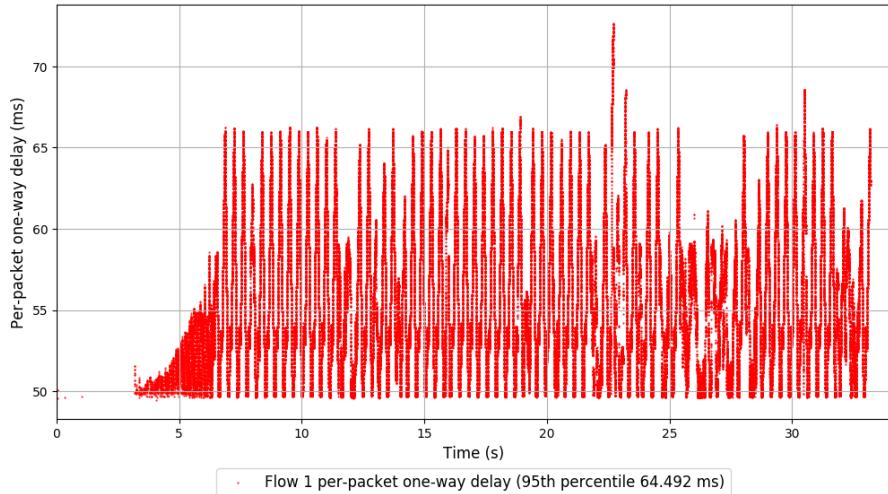
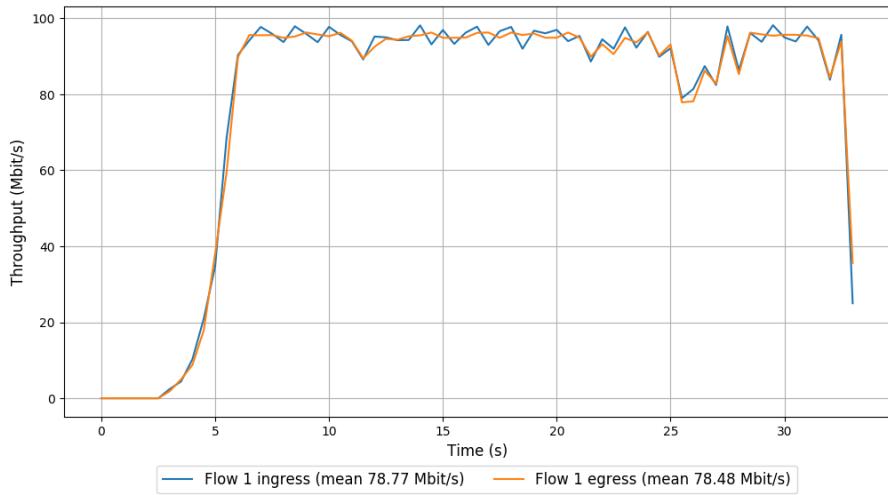


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Thu, 15 Jun 2017 23:39:37 +0000
End at: Thu, 15 Jun 2017 23:40:07 +0000
Local clock offset: -1.369 ms
Remote clock offset: -2.459 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 64.492 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 64.492 ms
Loss rate: 0.33%
```

Run 2: Report of CalibratedKoho — Data Link

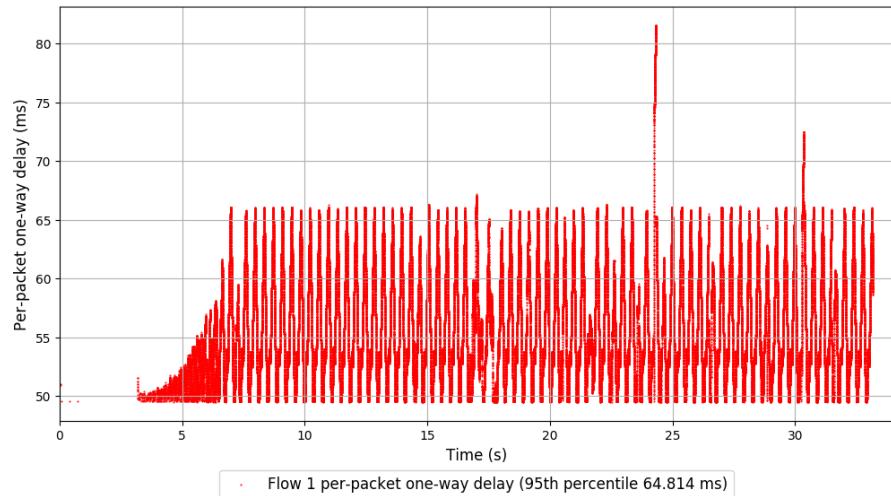
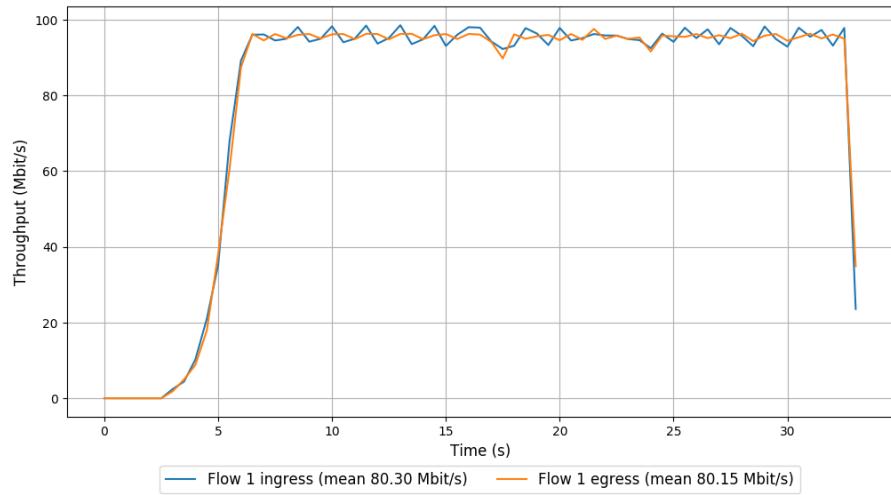


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Thu, 15 Jun 2017 23:59:24 +0000
End at: Thu, 15 Jun 2017 23:59:54 +0000
Local clock offset: -1.434 ms
Remote clock offset: -1.825 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.15 Mbit/s
95th percentile per-packet one-way delay: 64.814 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 80.15 Mbit/s
95th percentile per-packet one-way delay: 64.814 ms
Loss rate: 0.17%
```

Run 3: Report of CalibratedKoho — Data Link

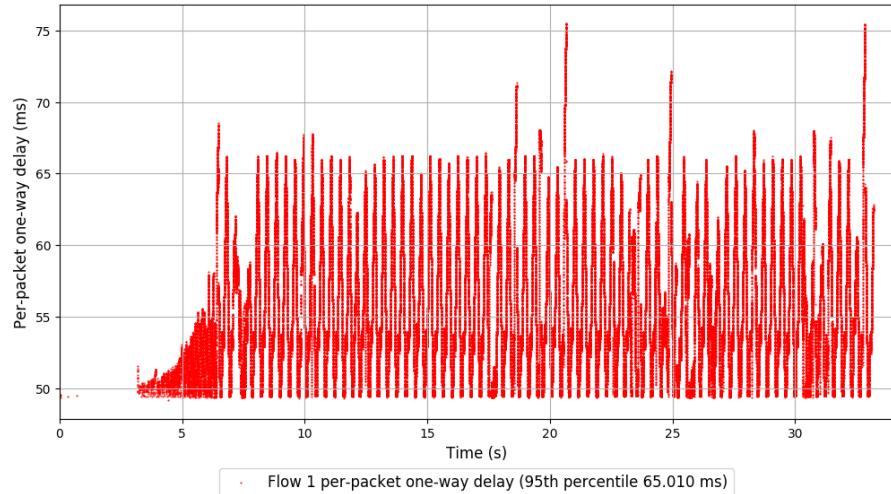
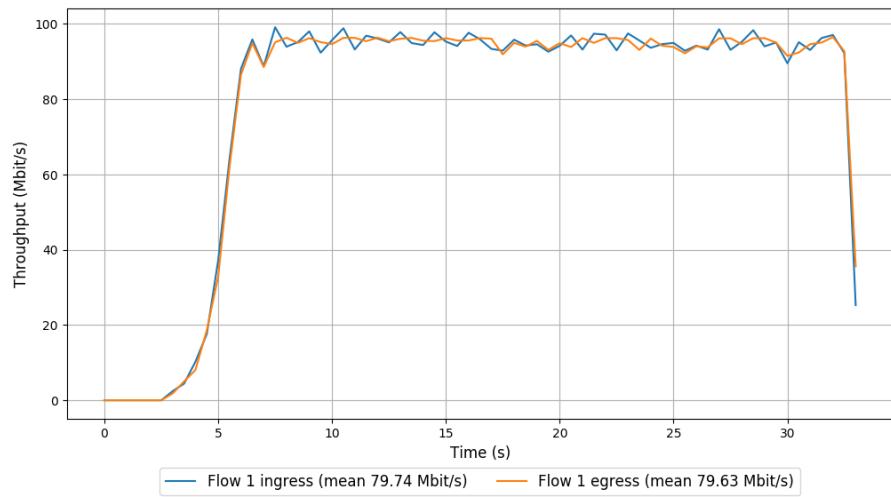


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 00:19:03 +0000
End at: Fri, 16 Jun 2017 00:19:33 +0000
Local clock offset: -1.605 ms
Remote clock offset: -4.403 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:25:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 65.010 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 65.010 ms
Loss rate: 0.09%
```

Run 4: Report of CalibratedKoho — Data Link

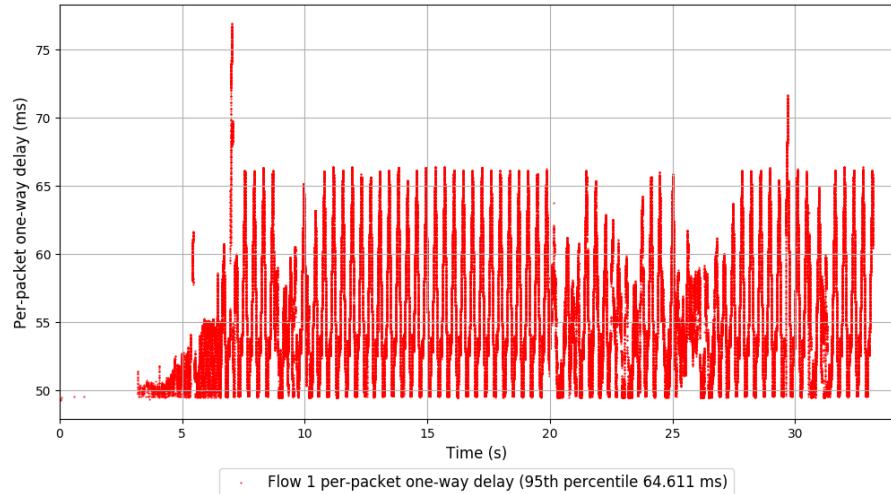
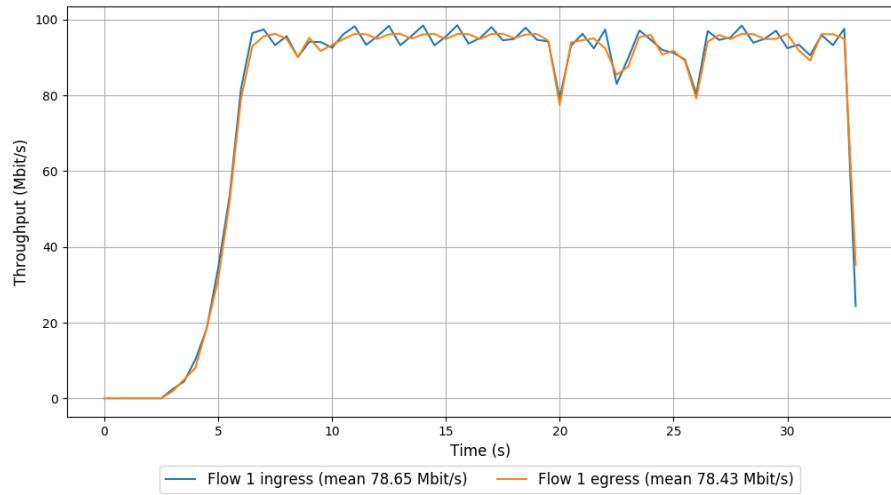


Run 5: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 00:38:43 +0000
End at: Fri, 16 Jun 2017 00:39:13 +0000
Local clock offset: -1.425 ms
Remote clock offset: -4.649 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 64.611 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 64.611 ms
Loss rate: 0.26%
```

Run 5: Report of CalibratedKoho — Data Link

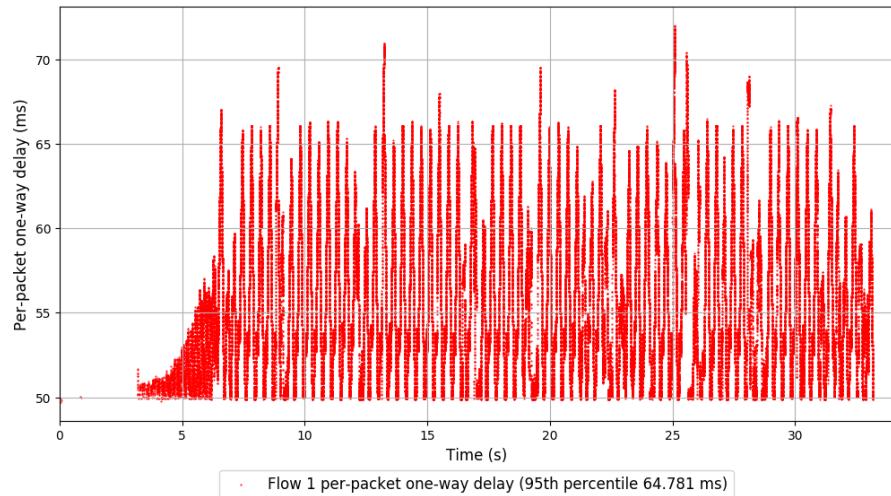
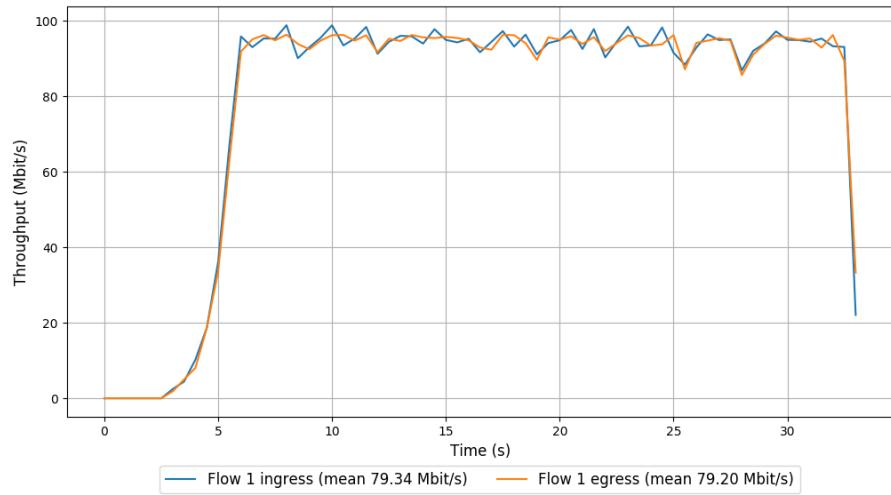


Run 6: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 00:58:25 +0000
End at: Fri, 16 Jun 2017 00:58:55 +0000
Local clock offset: -0.848 ms
Remote clock offset: -2.144 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 64.781 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 64.781 ms
Loss rate: 0.17%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 01:18:04 +0000

End at: Fri, 16 Jun 2017 01:18:34 +0000

Local clock offset: -0.451 ms

Remote clock offset: -2.218 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:26:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.80 Mbit/s

95th percentile per-packet one-way delay: 65.609 ms

Loss rate: 0.15%

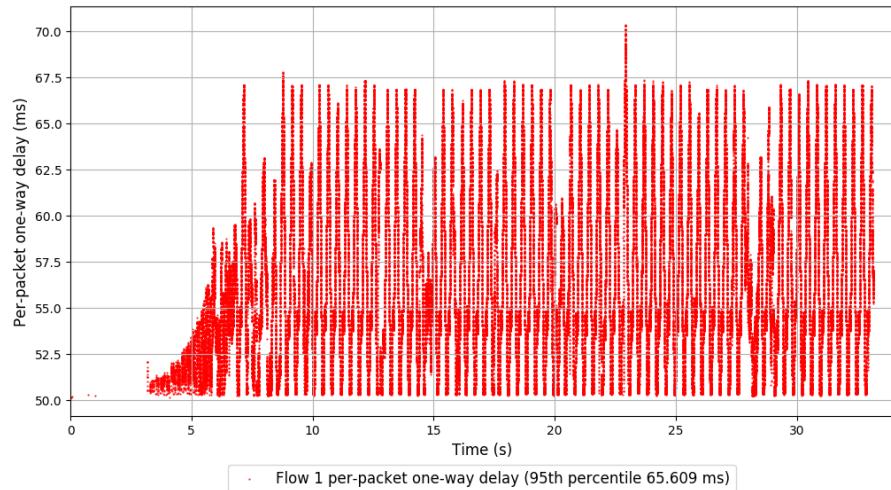
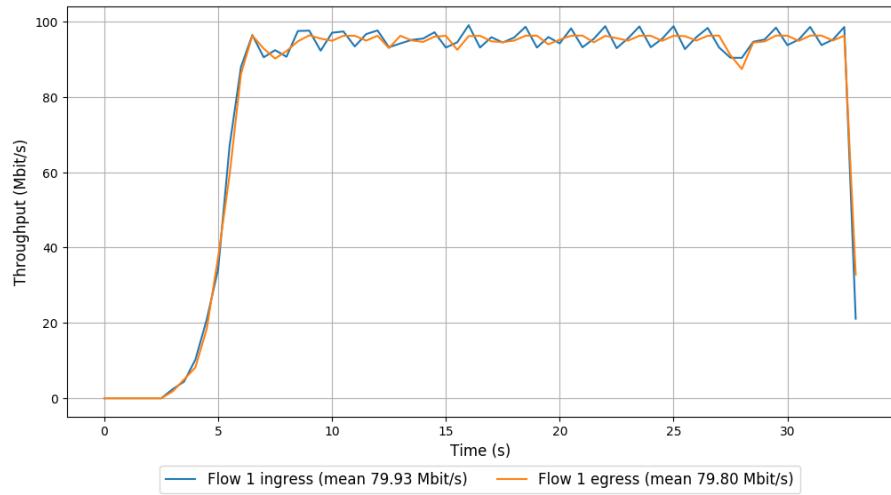
-- Flow 1:

Average throughput: 79.80 Mbit/s

95th percentile per-packet one-way delay: 65.609 ms

Loss rate: 0.15%

Run 7: Report of CalibratedKoho — Data Link

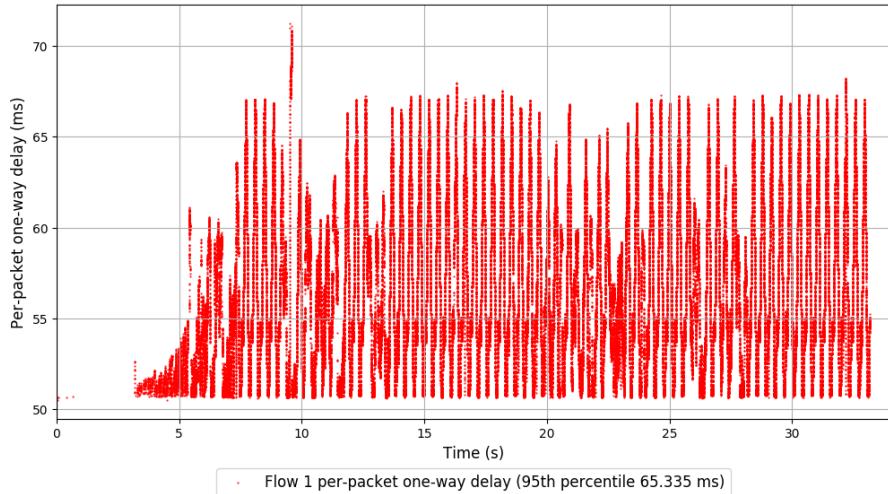
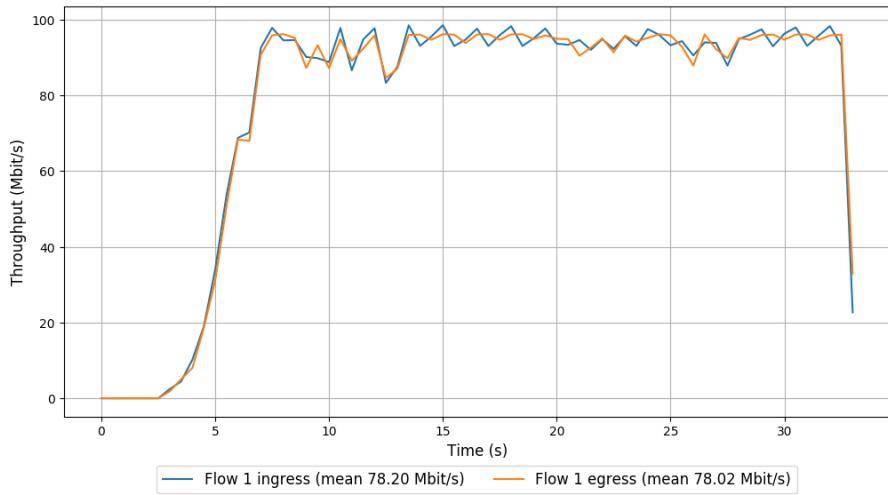


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 01:37:42 +0000
End at: Fri, 16 Jun 2017 01:38:12 +0000
Local clock offset: -0.092 ms
Remote clock offset: -4.45 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.02 Mbit/s
95th percentile per-packet one-way delay: 65.335 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 78.02 Mbit/s
95th percentile per-packet one-way delay: 65.335 ms
Loss rate: 0.21%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 01:57:20 +0000
```

```
End at: Fri, 16 Jun 2017 01:57:51 +0000
```

```
Local clock offset: 0.298 ms
```

```
Remote clock offset: -1.726 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 79.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.021 ms
```

```
Loss rate: 0.09%
```

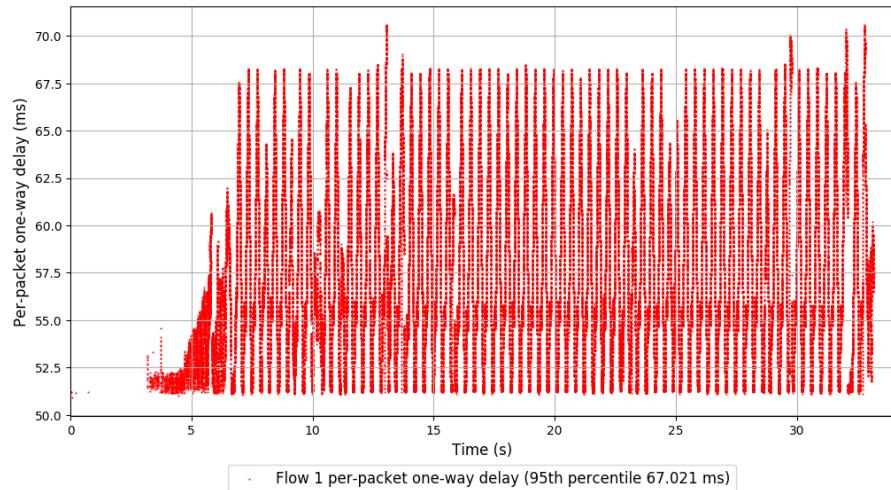
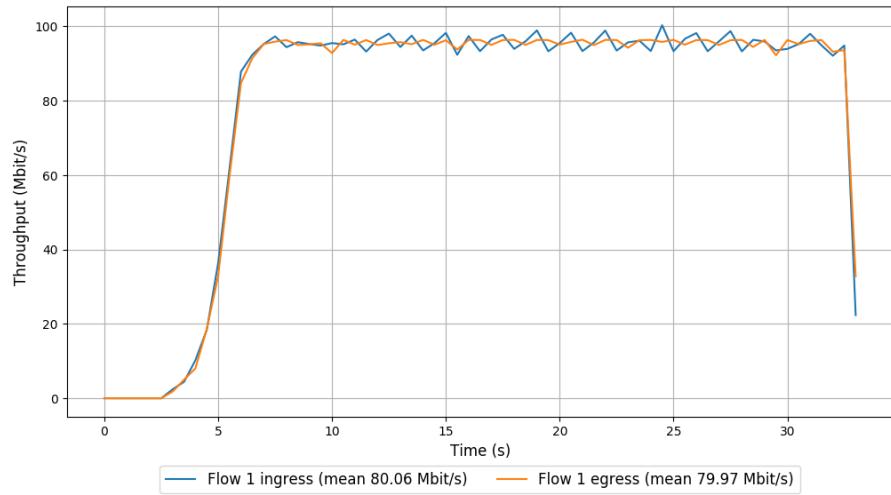
```
-- Flow 1:
```

```
Average throughput: 79.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.021 ms
```

```
Loss rate: 0.09%
```

Run 9: Report of CalibratedKoho — Data Link

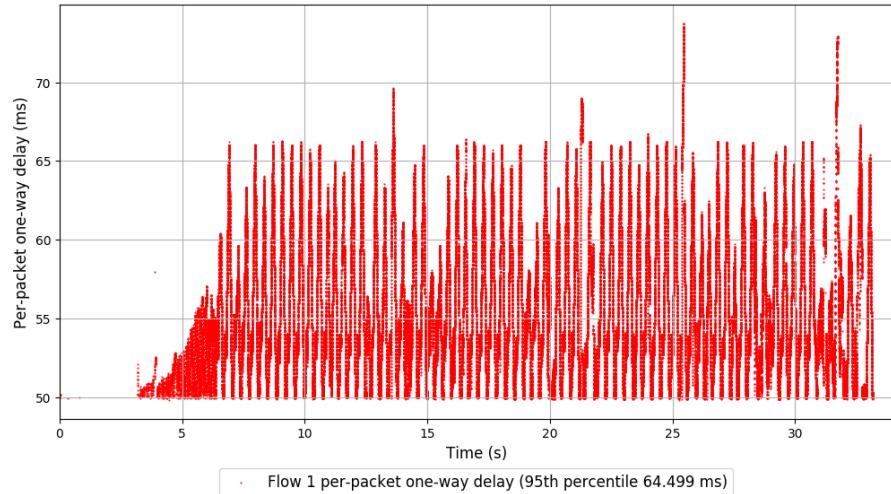
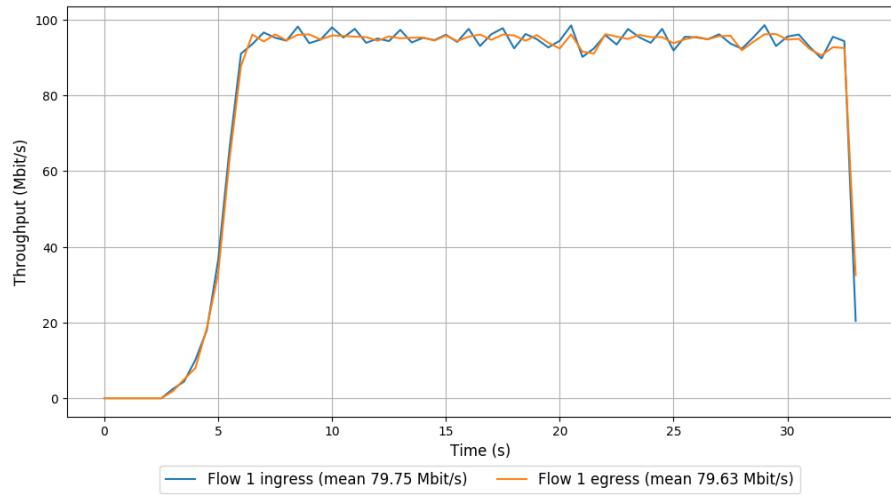


```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 02:16:57 +0000
End at: Fri, 16 Jun 2017 02:17:27 +0000
Local clock offset: -0.96 ms
Remote clock offset: -2.203 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 64.499 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 64.499 ms
Loss rate: 0.15%
```

Run 10: Report of CalibratedKoho — Data Link

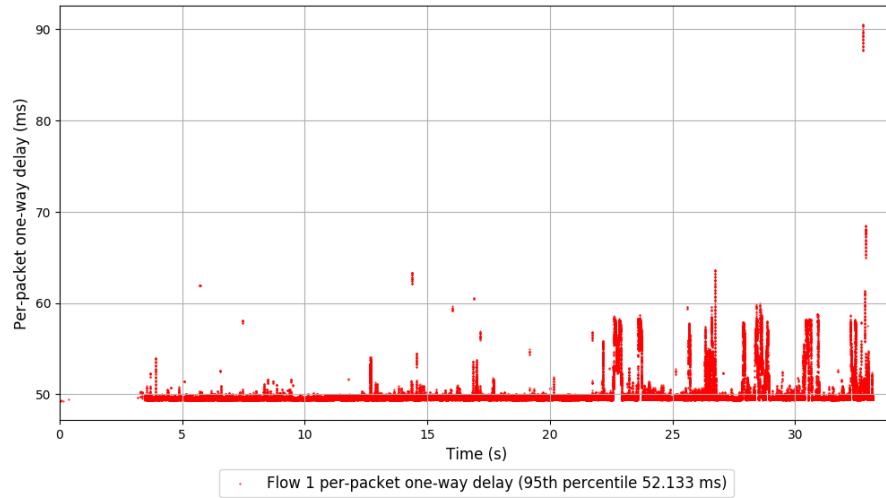
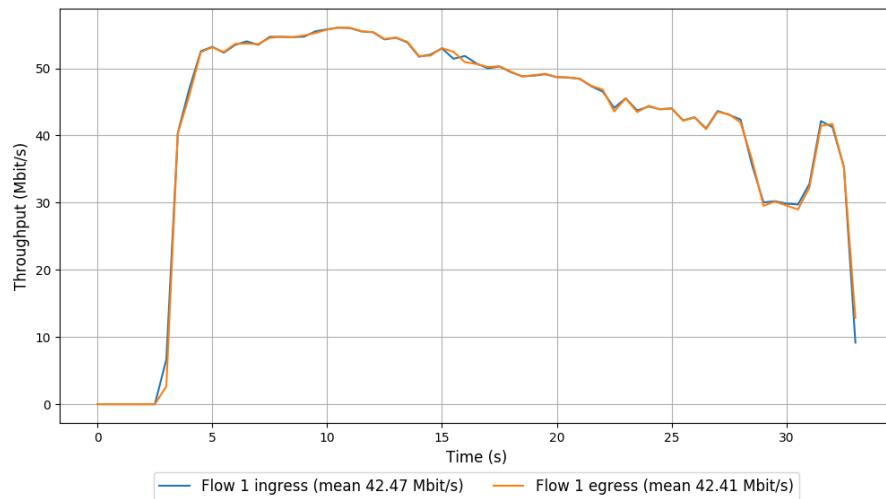


Run 1: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:14:41 +0000
End at: Thu, 15 Jun 2017 23:15:11 +0000
Local clock offset: -1.874 ms
Remote clock offset: -2.552 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 52.133 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 52.133 ms
Loss rate: 0.14%
```

Run 1: Report of Copa — Data Link

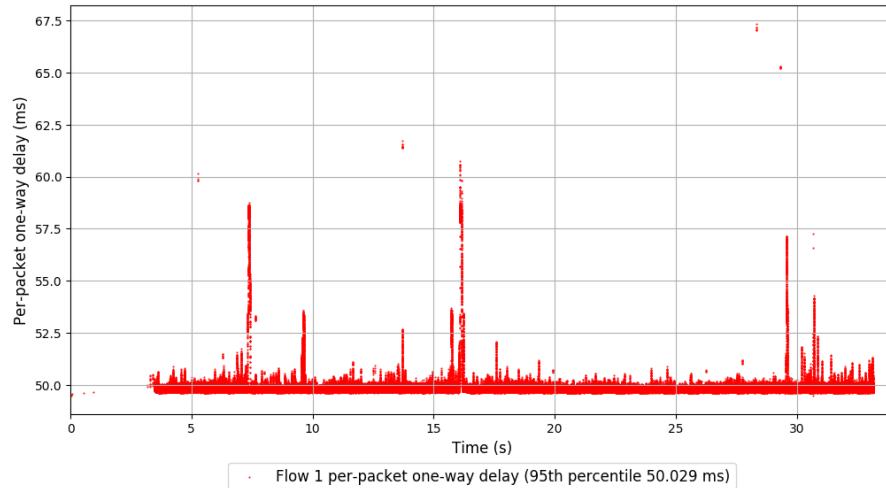
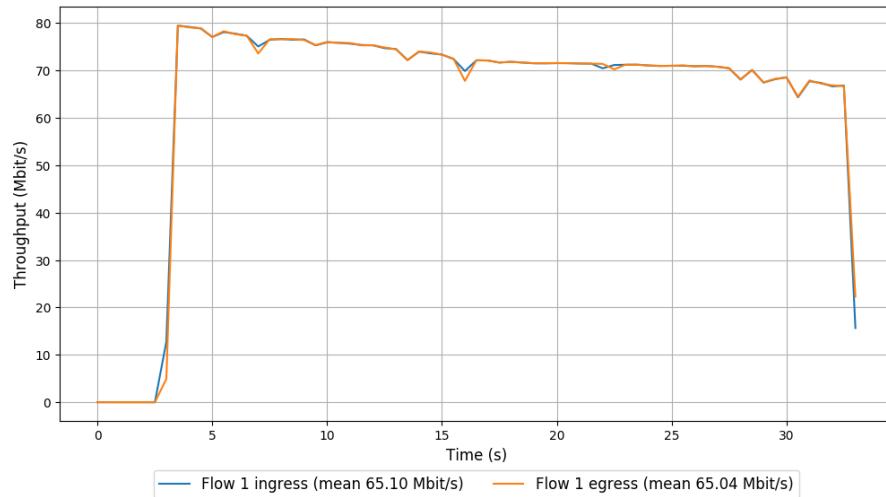


Run 2: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:34:19 +0000
End at: Thu, 15 Jun 2017 23:34:49 +0000
Local clock offset: -1.493 ms
Remote clock offset: -4.964 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 50.029 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 50.029 ms
Loss rate: 0.08%
```

Run 2: Report of Copa — Data Link

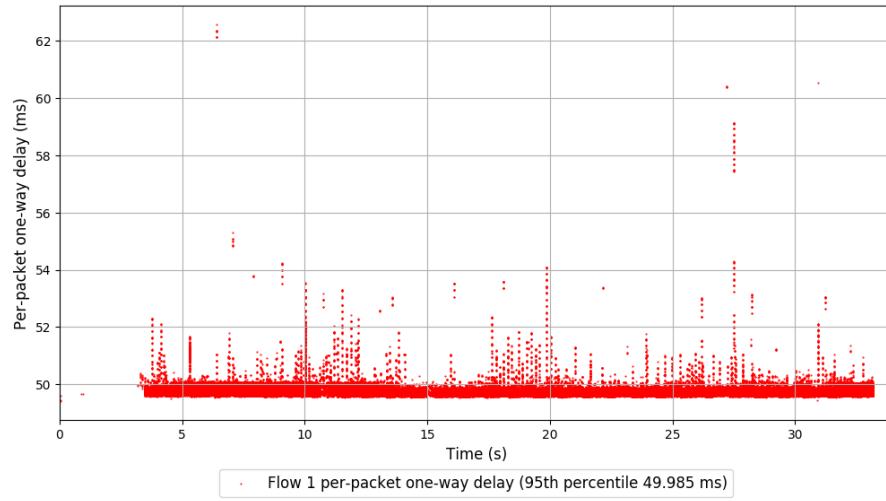
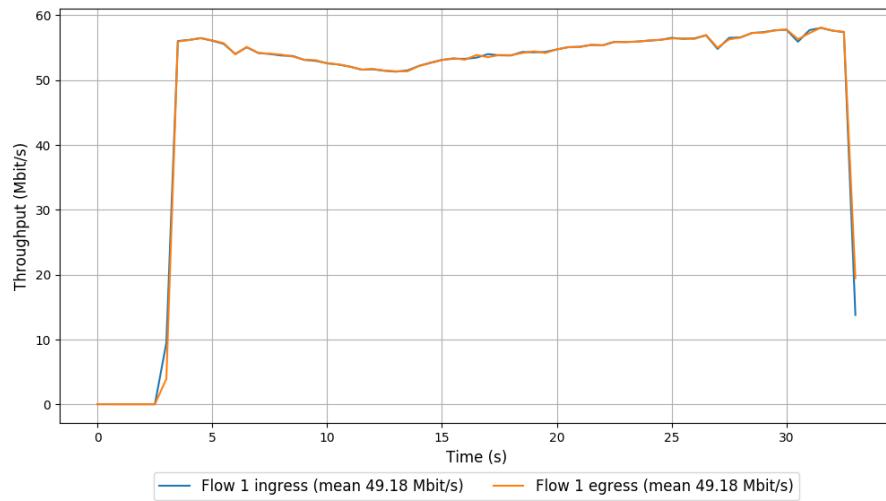


Run 3: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:54:05 +0000
End at: Thu, 15 Jun 2017 23:54:35 +0000
Local clock offset: -1.409 ms
Remote clock offset: -1.926 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:26:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.18 Mbit/s
95th percentile per-packet one-way delay: 49.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.18 Mbit/s
95th percentile per-packet one-way delay: 49.985 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

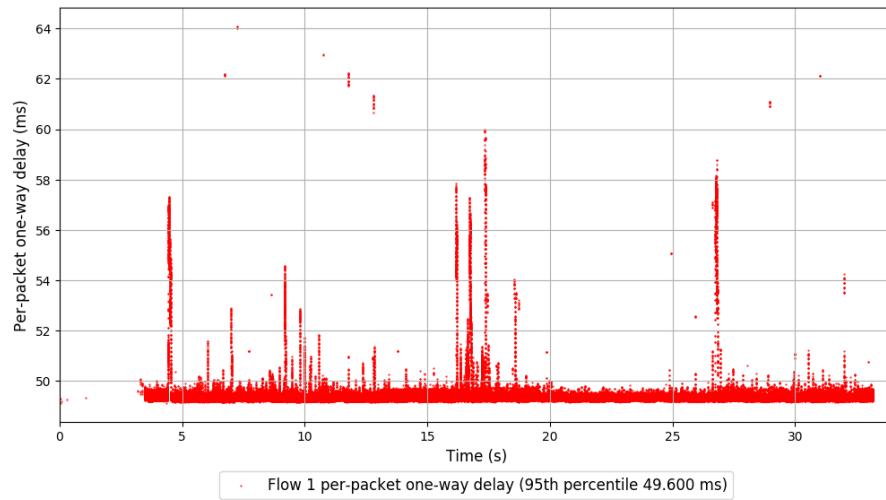
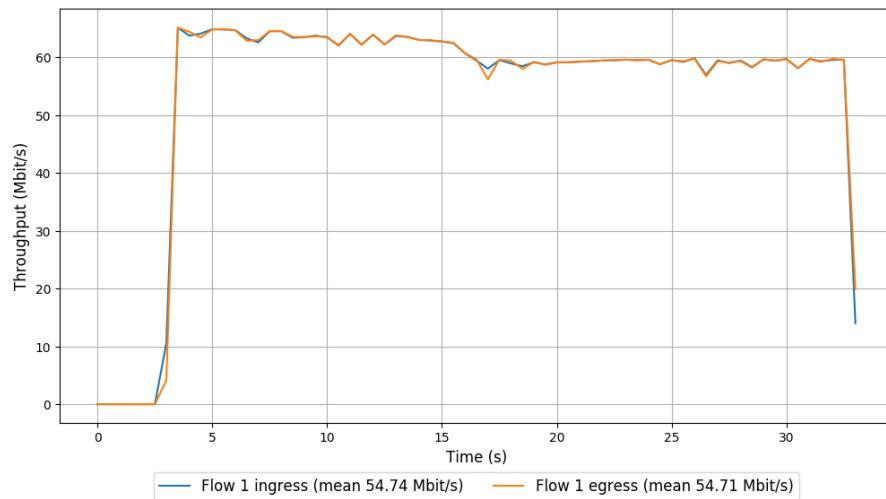


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:13:46 +0000
End at: Fri, 16 Jun 2017 00:14:16 +0000
Local clock offset: -1.684 ms
Remote clock offset: -4.345 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 49.600 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 49.600 ms
Loss rate: 0.06%
```

Run 4: Report of Copa — Data Link

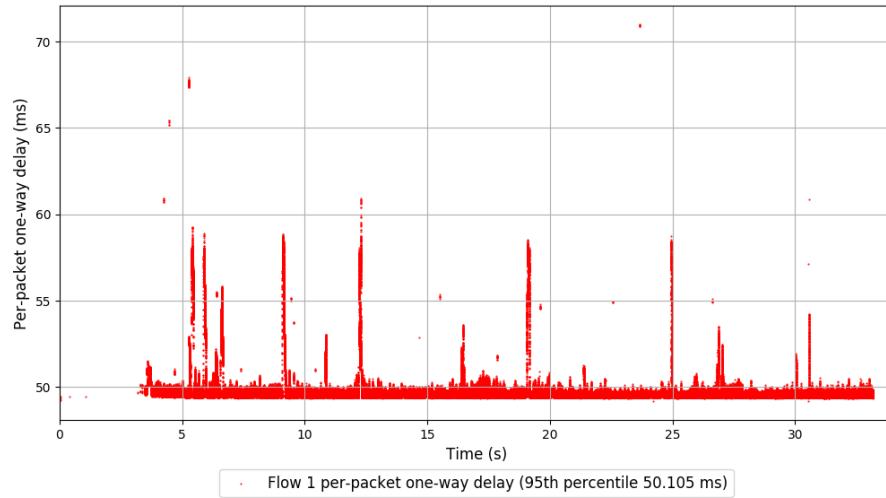
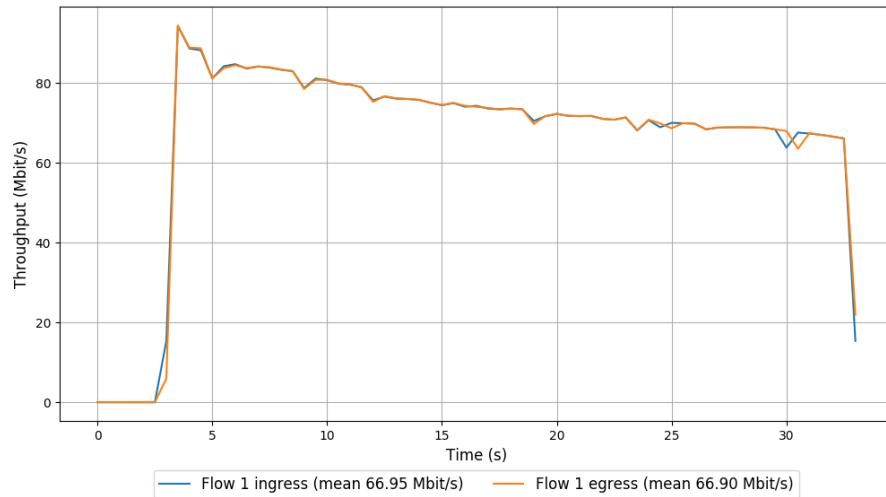


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:33:26 +0000
End at: Fri, 16 Jun 2017 00:33:56 +0000
Local clock offset: -1.39 ms
Remote clock offset: -4.41 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 50.105 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 50.105 ms
Loss rate: 0.08%
```

Run 5: Report of Copa — Data Link

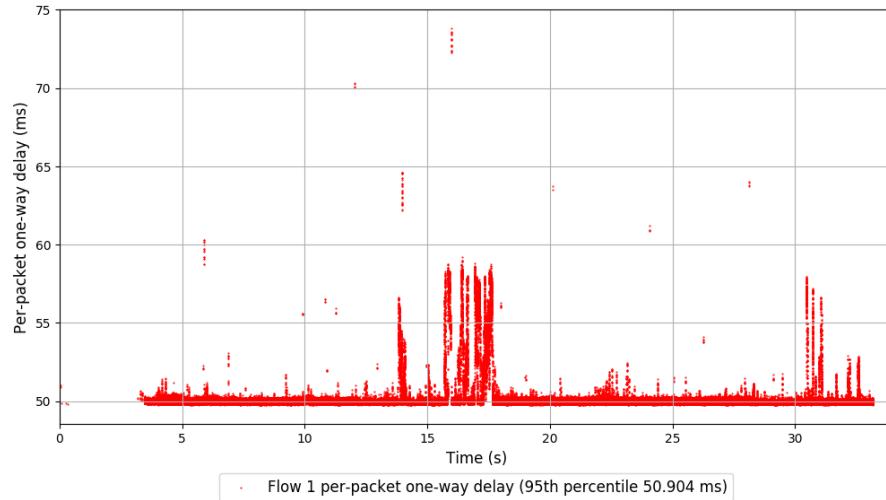
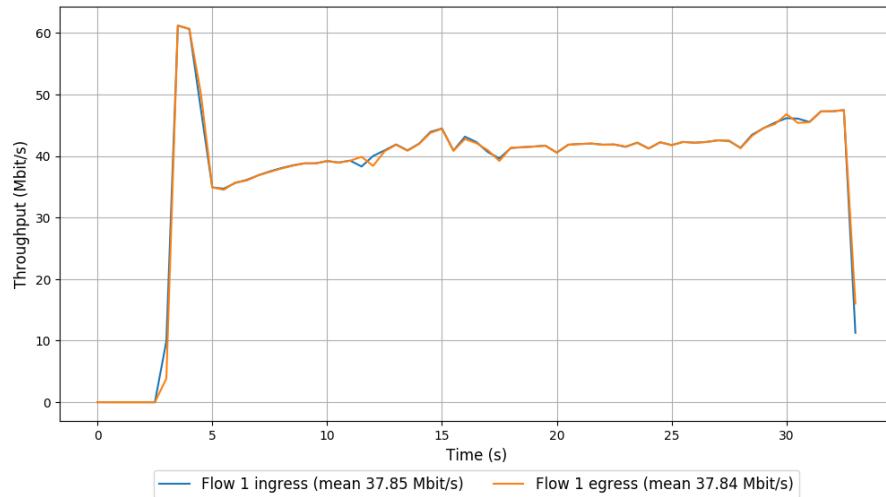


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:53:10 +0000
End at: Fri, 16 Jun 2017 00:53:40 +0000
Local clock offset: -1.028 ms
Remote clock offset: -4.228 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 50.904 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 50.904 ms
Loss rate: 0.04%
```

Run 6: Report of Copa — Data Link

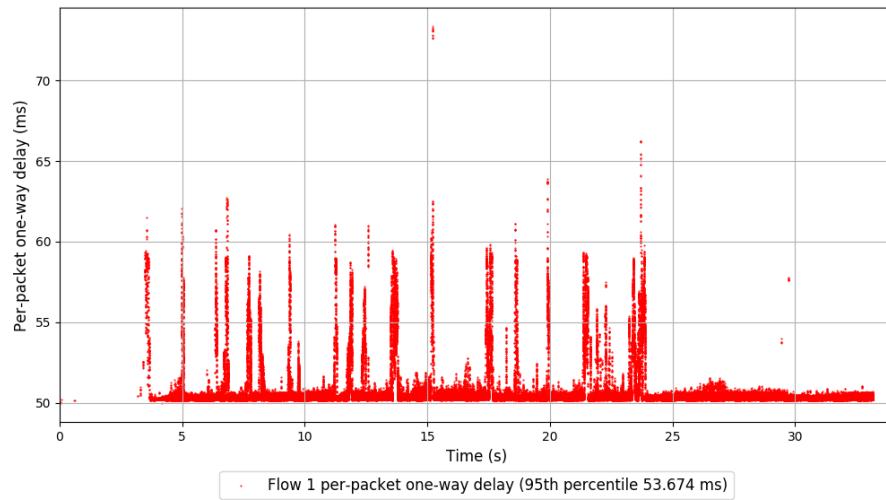
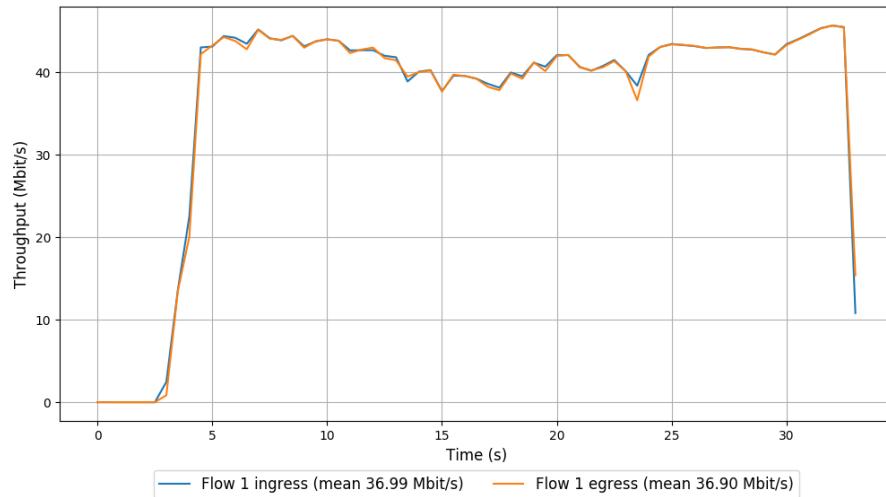


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:12:50 +0000
End at: Fri, 16 Jun 2017 01:13:20 +0000
Local clock offset: -0.557 ms
Remote clock offset: -2.203 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 0.24%
```

Run 7: Report of Copa — Data Link

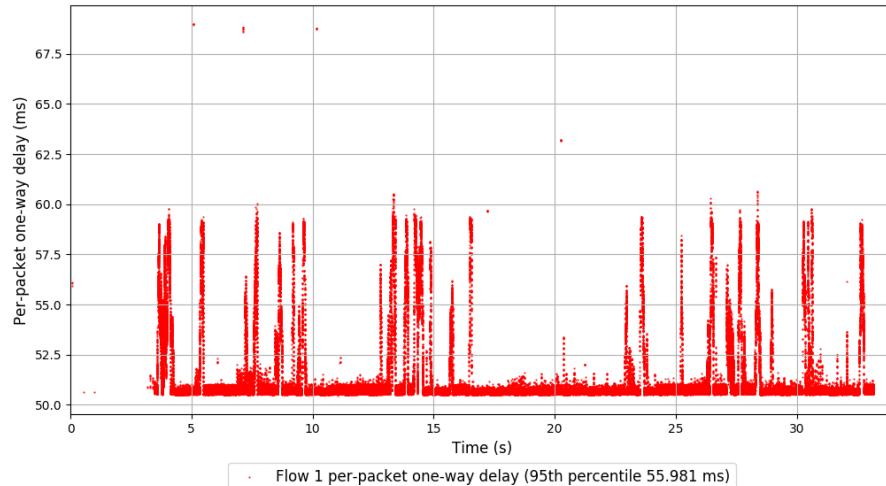
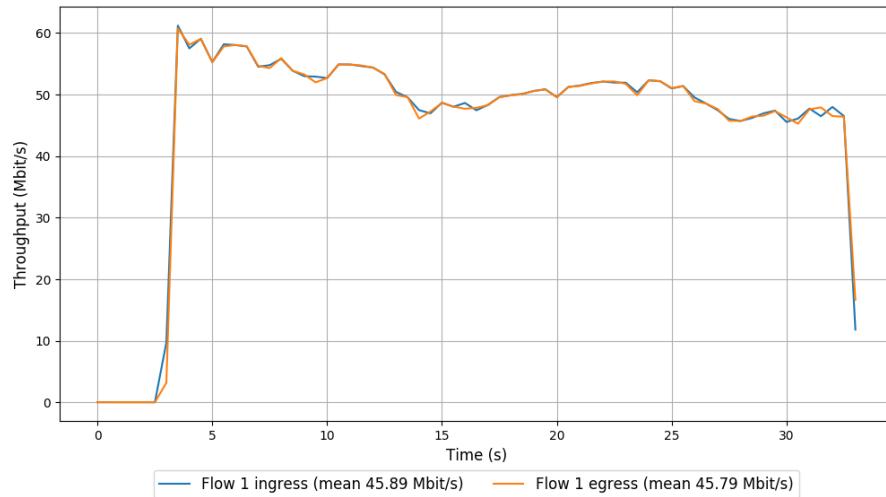


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:32:25 +0000
End at: Fri, 16 Jun 2017 01:32:55 +0000
Local clock offset: -0.252 ms
Remote clock offset: -4.207 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.79 Mbit/s
95th percentile per-packet one-way delay: 55.981 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 45.79 Mbit/s
95th percentile per-packet one-way delay: 55.981 ms
Loss rate: 0.23%
```

Run 8: Report of Copa — Data Link

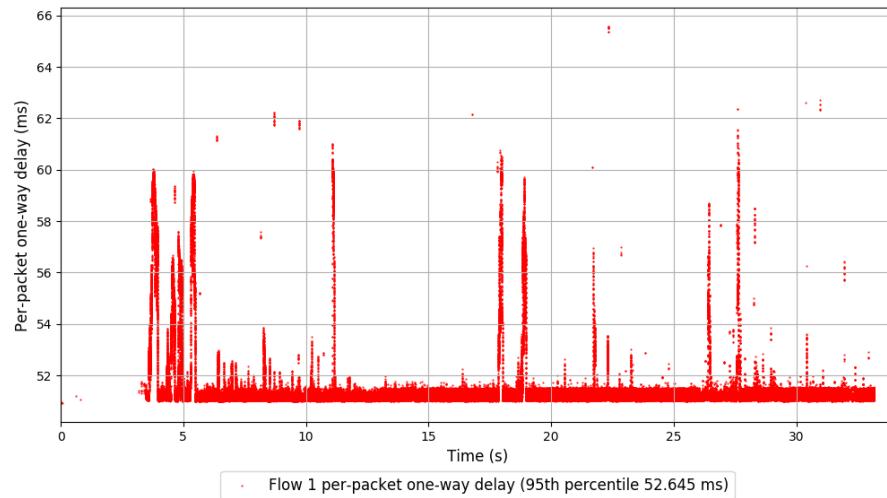
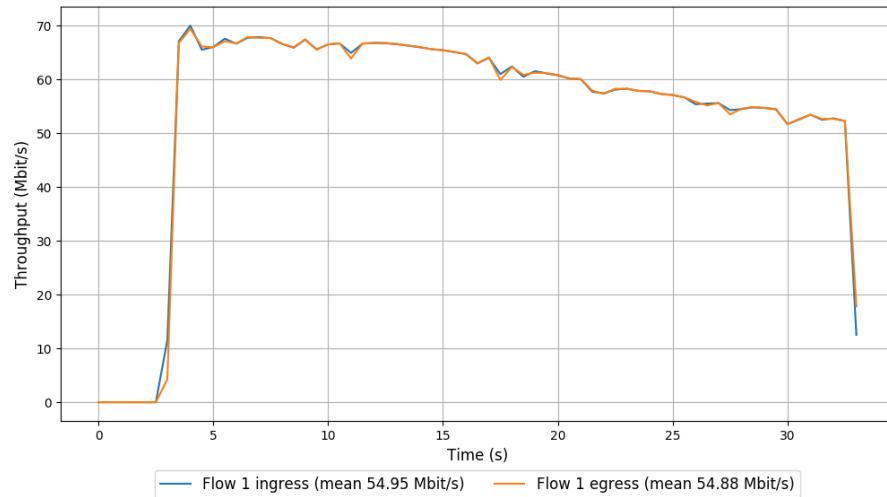


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:52:05 +0000
End at: Fri, 16 Jun 2017 01:52:35 +0000
Local clock offset: 0.31 ms
Remote clock offset: -4.63 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 52.645 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 52.645 ms
Loss rate: 0.12%
```

Run 9: Report of Copa — Data Link

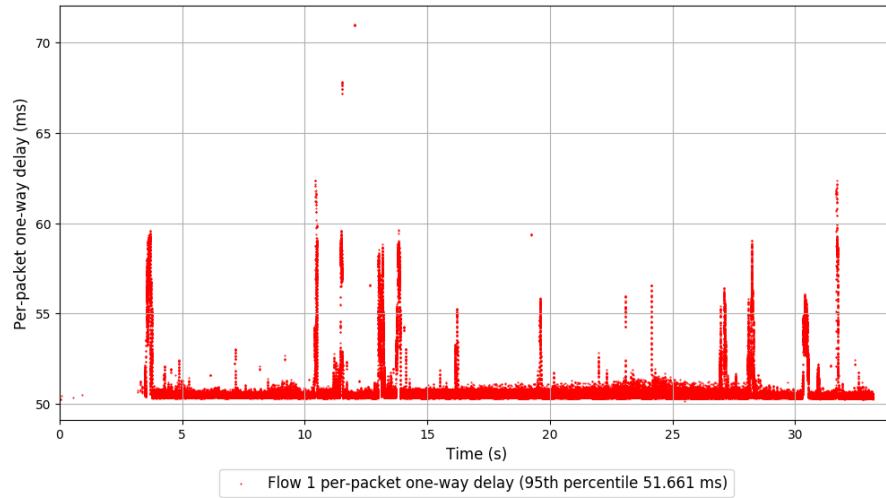
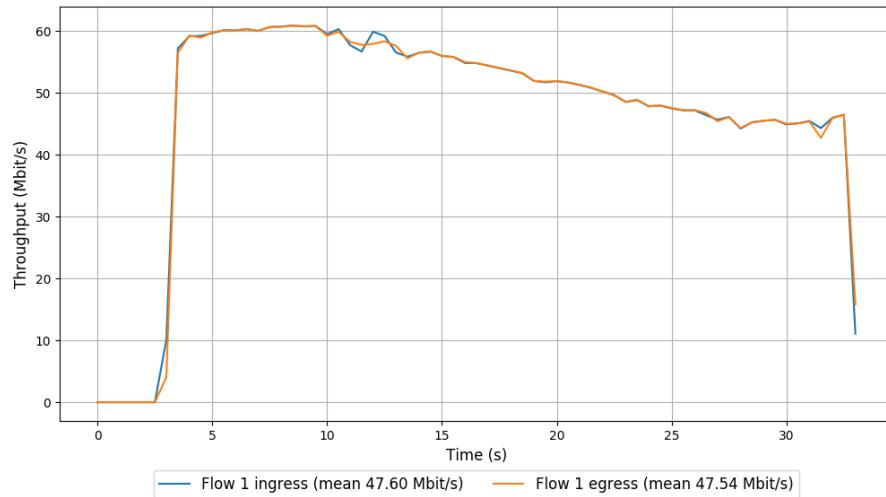


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:11:41 +0000
End at: Fri, 16 Jun 2017 02:12:11 +0000
Local clock offset: -0.497 ms
Remote clock offset: -4.36 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 51.661 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 51.661 ms
Loss rate: 0.12%
```

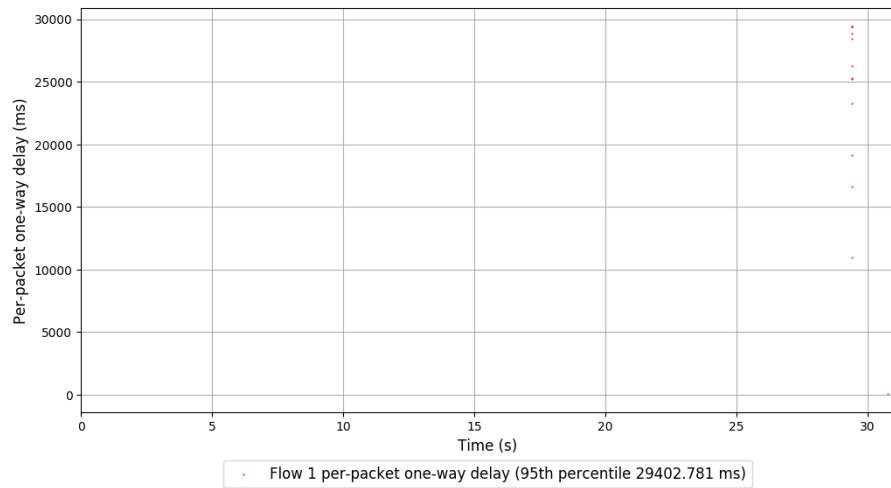
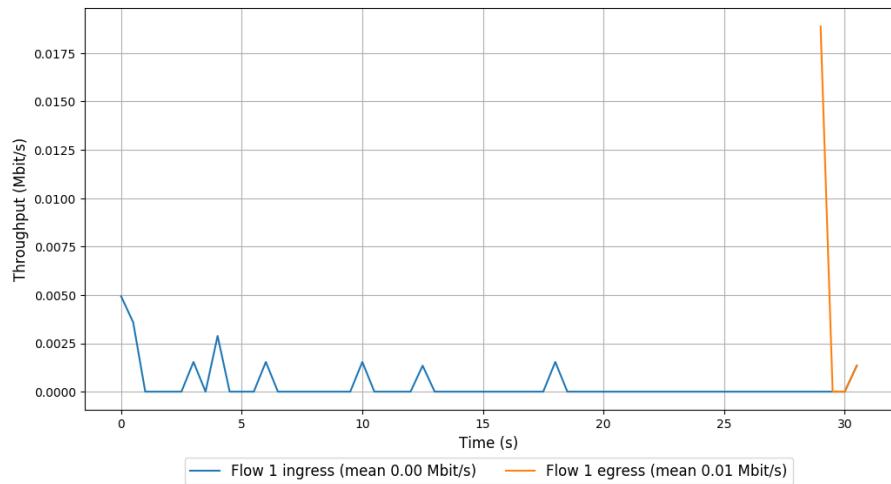
Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Thu, 15 Jun 2017 23:22:36 +0000
End at: Thu, 15 Jun 2017 23:23:06 +0000
Local clock offset: -1.575 ms
Remote clock offset: -2.989 ms

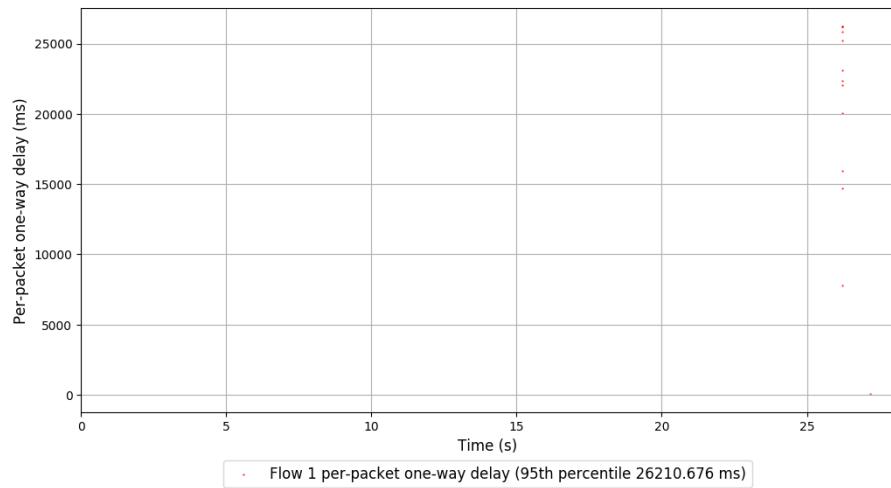
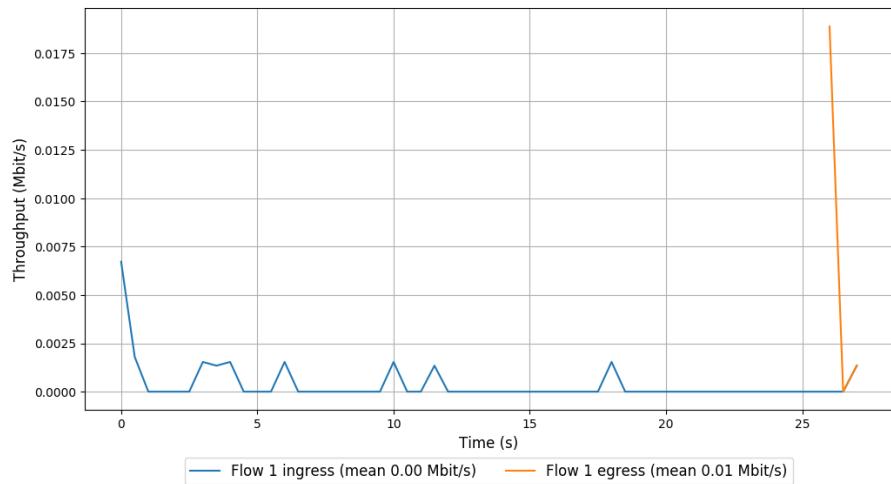
Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Thu, 15 Jun 2017 23:42:23 +0000
End at: Thu, 15 Jun 2017 23:42:53 +0000
Local clock offset: -1.477 ms
Remote clock offset: -4.968 ms

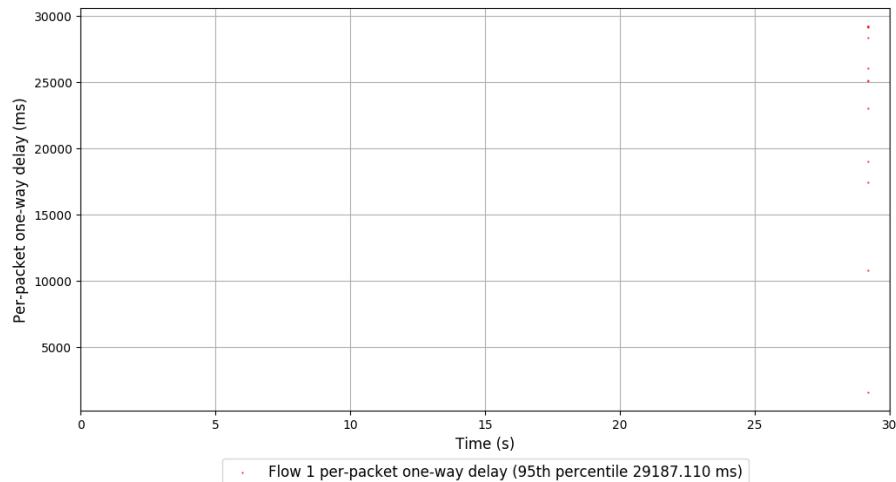
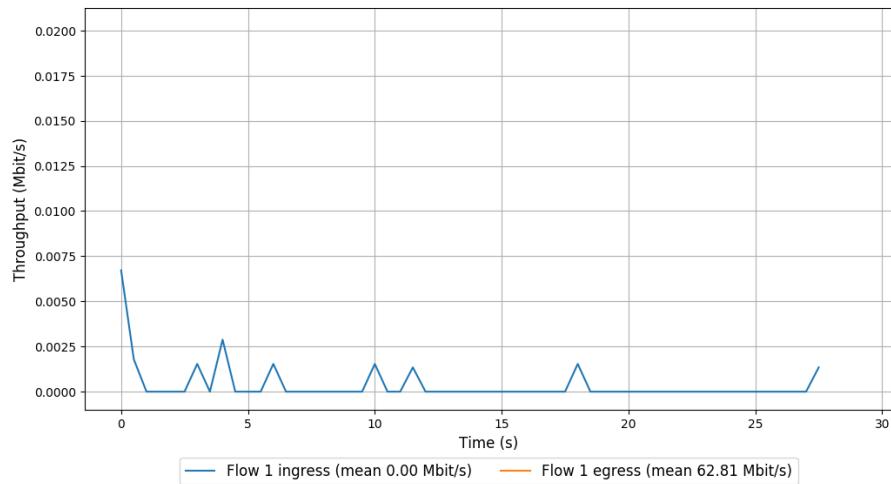
Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 00:02:03 +0000
End at: Fri, 16 Jun 2017 00:02:33 +0000
Local clock offset: -1.444 ms
Remote clock offset: -1.893 ms

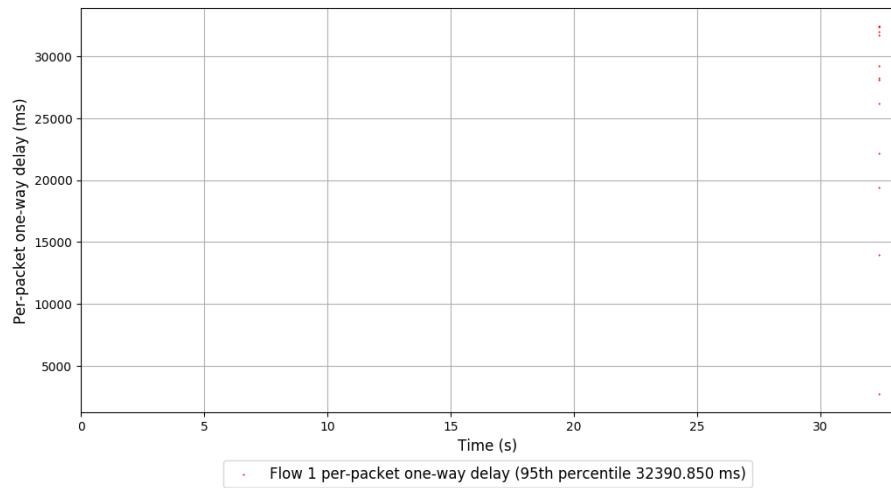
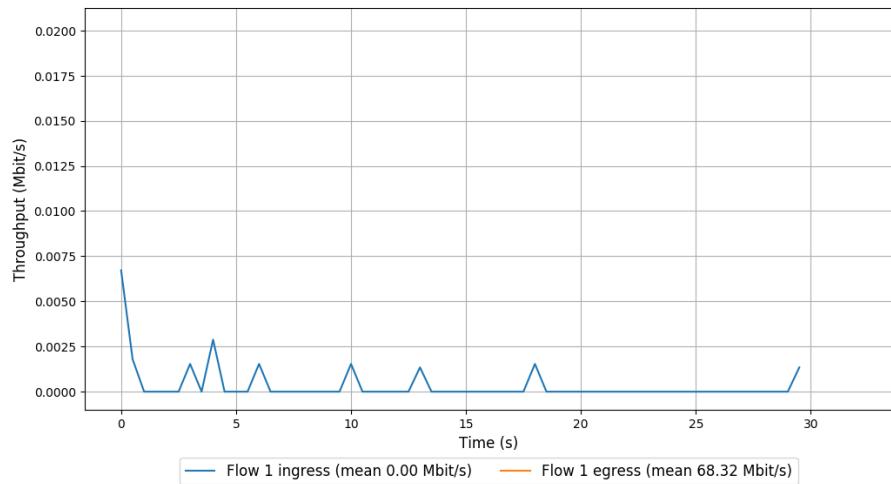
Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 00:21:42 +0000
End at: Fri, 16 Jun 2017 00:22:12 +0000
Local clock offset: -1.451 ms
Remote clock offset: -2.382 ms

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

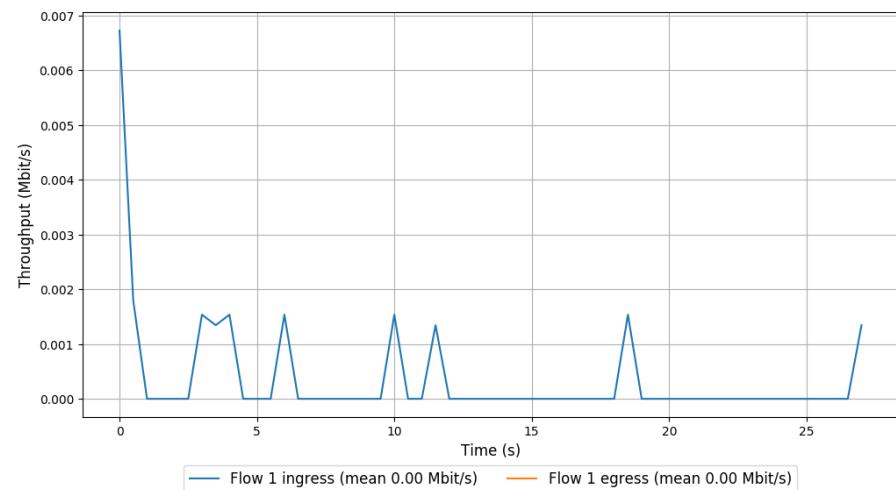
Start at: Fri, 16 Jun 2017 00:41:23 +0000

End at: Fri, 16 Jun 2017 00:41:53 +0000

Local clock offset: -1.279 ms

Remote clock offset: -4.778 ms

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 01:01:05 +0000
End at: Fri, 16 Jun 2017 01:01:35 +0000
Local clock offset: -0.906 ms
Remote clock offset: -1.776 ms

Run 6: Report of TCP Cubic — Data Link

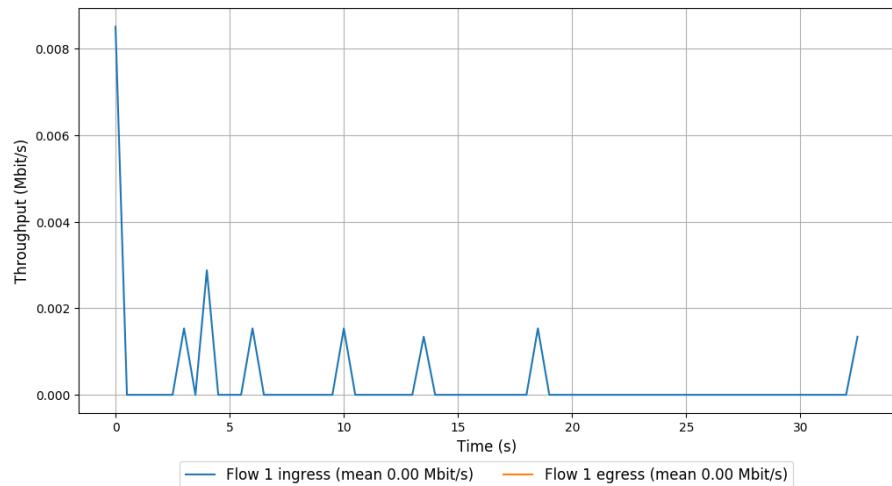


Figure is missing

Run 7: Statistics of TCP Cubic

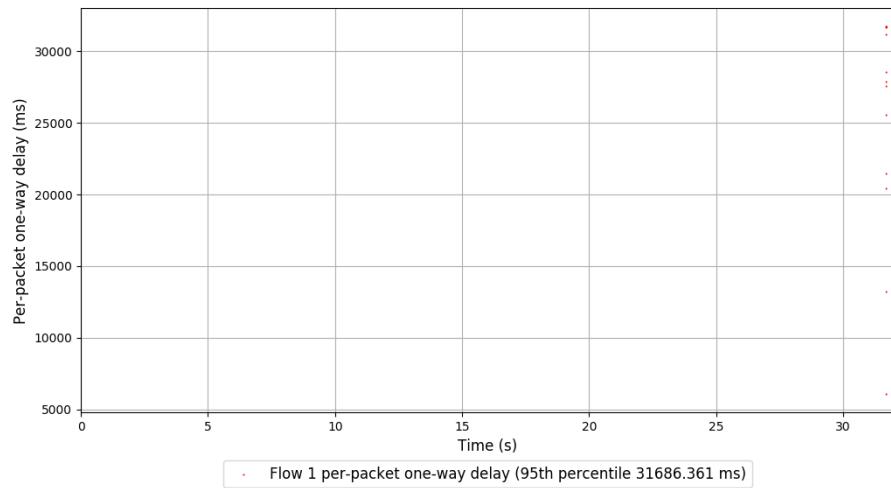
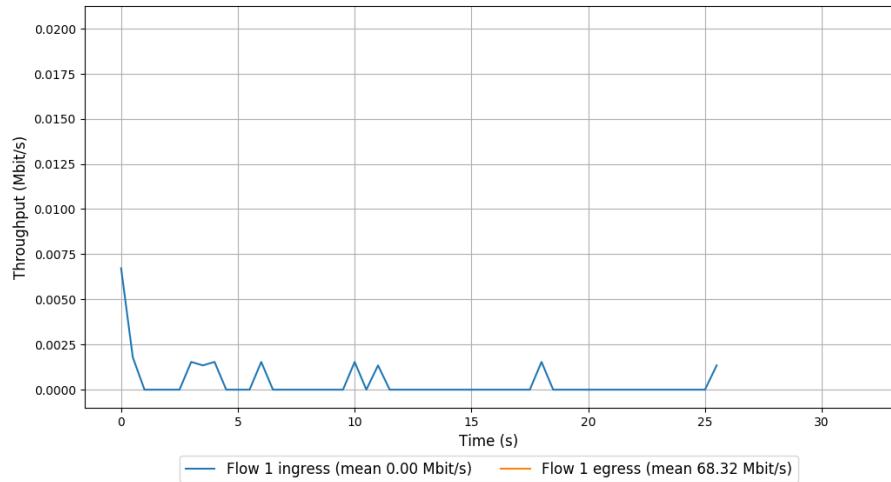
Start at: Fri, 16 Jun 2017 01:20:44 +0000

End at: Fri, 16 Jun 2017 01:21:14 +0000

Local clock offset: -0.421 ms

Remote clock offset: -1.664 ms

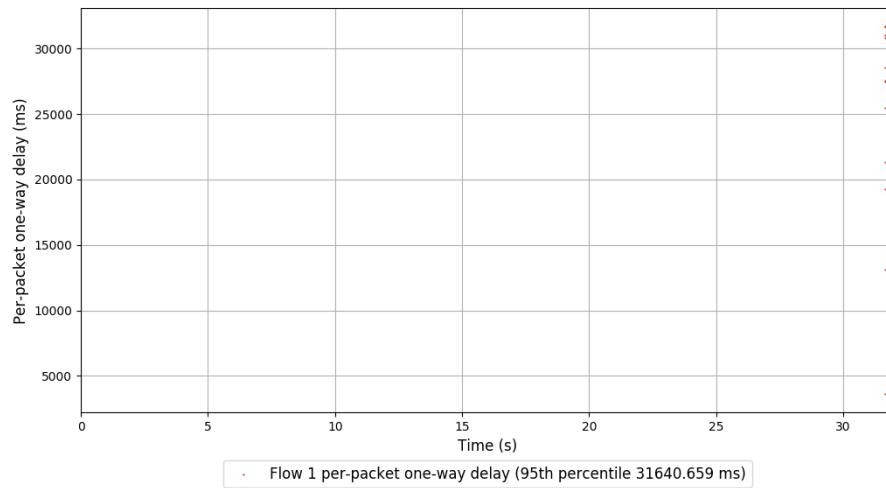
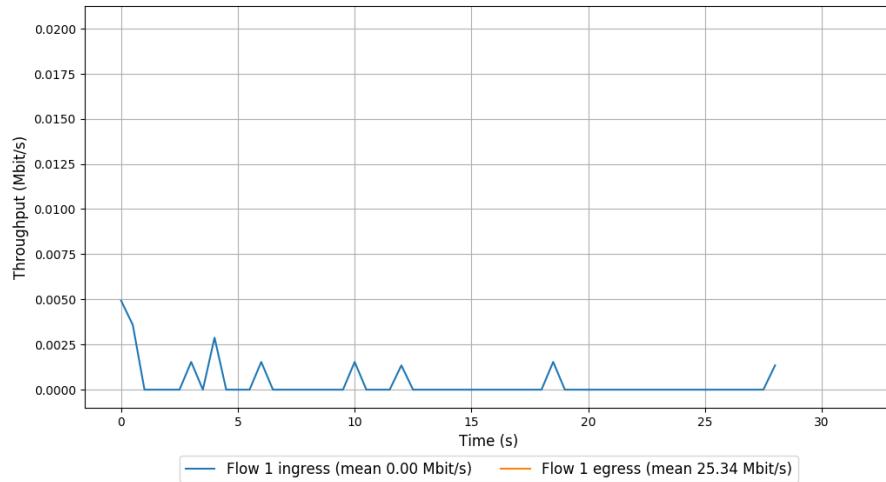
Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 01:40:22 +0000
End at: Fri, 16 Jun 2017 01:40:52 +0000
Local clock offset: 0.04 ms
Remote clock offset: -1.643 ms

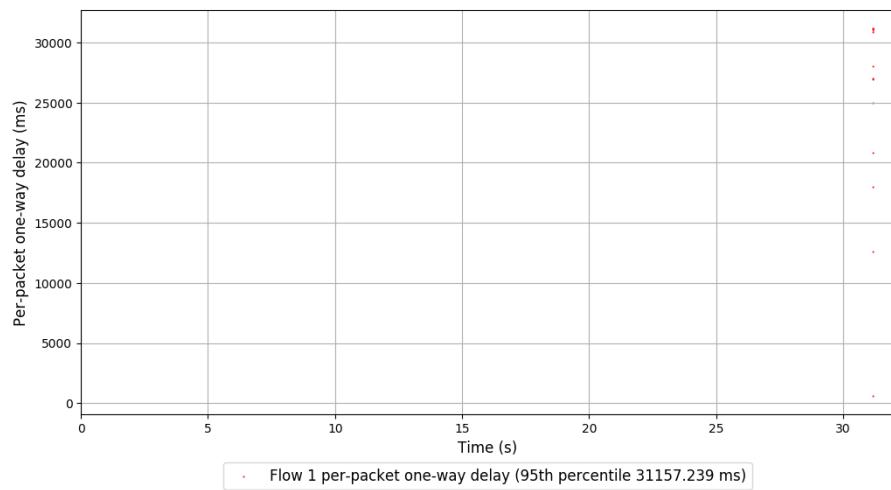
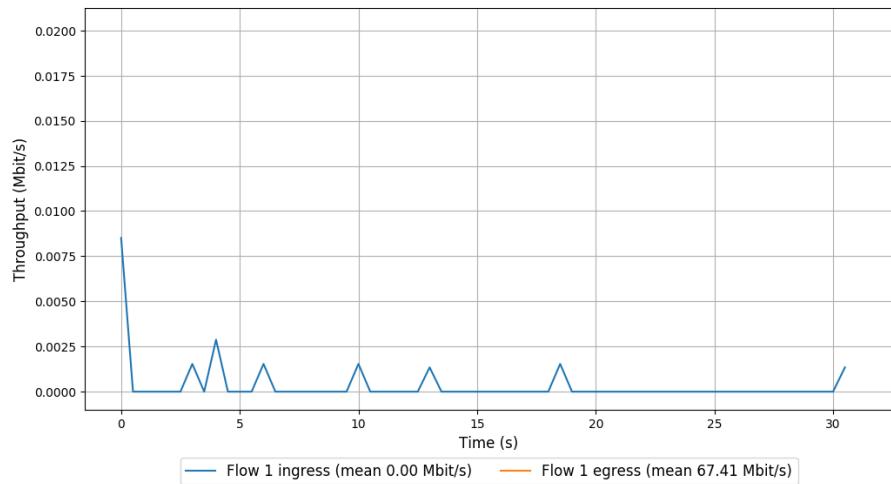
Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 01:59:59 +0000
End at: Fri, 16 Jun 2017 02:00:29 +0000
Local clock offset: 0.424 ms
Remote clock offset: -4.689 ms

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

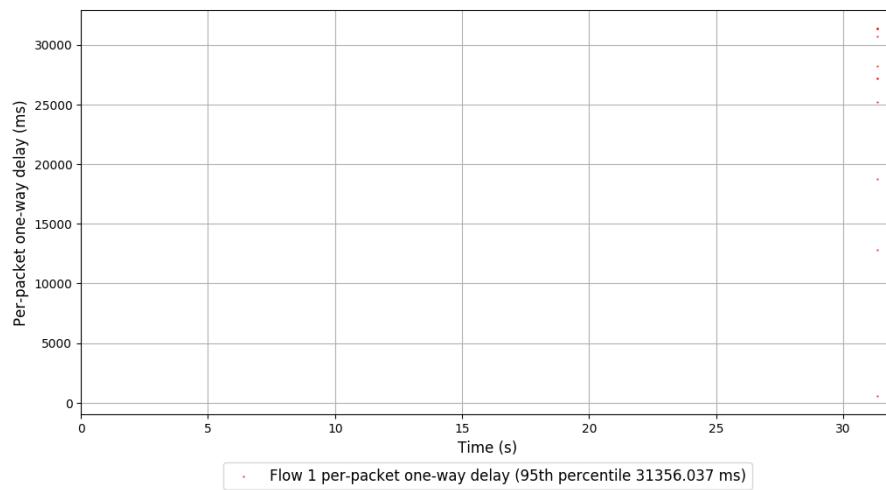
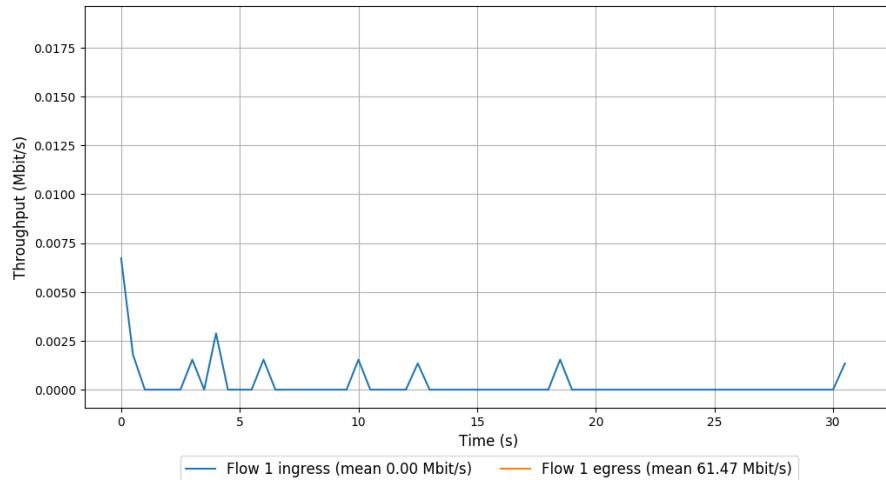
Start at: Fri, 16 Jun 2017 02:19:35 +0000

End at: Fri, 16 Jun 2017 02:20:05 +0000

Local clock offset: -1.068 ms

Remote clock offset: -2.303 ms

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:29:10 +0000
```

```
End at: Thu, 15 Jun 2017 23:29:40 +0000
```

```
Local clock offset: -1.521 ms
```

```
Remote clock offset: -2.054 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 12.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.565 ms
```

```
Loss rate: 0.07%
```

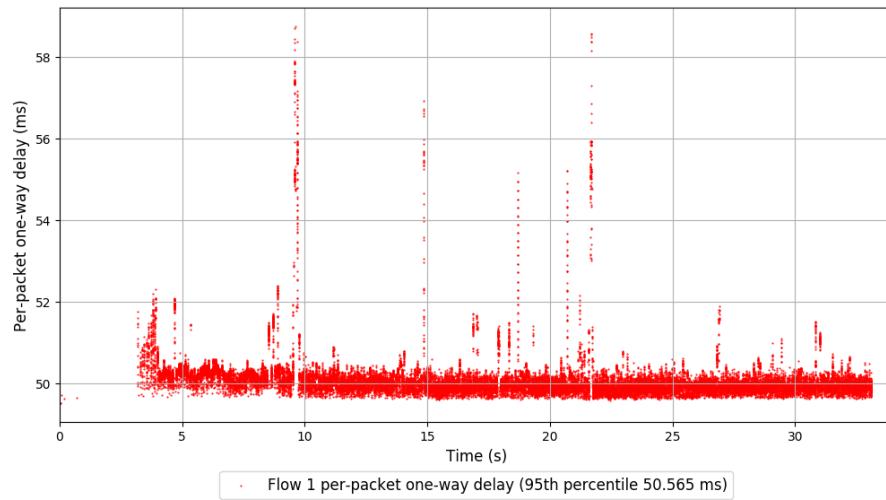
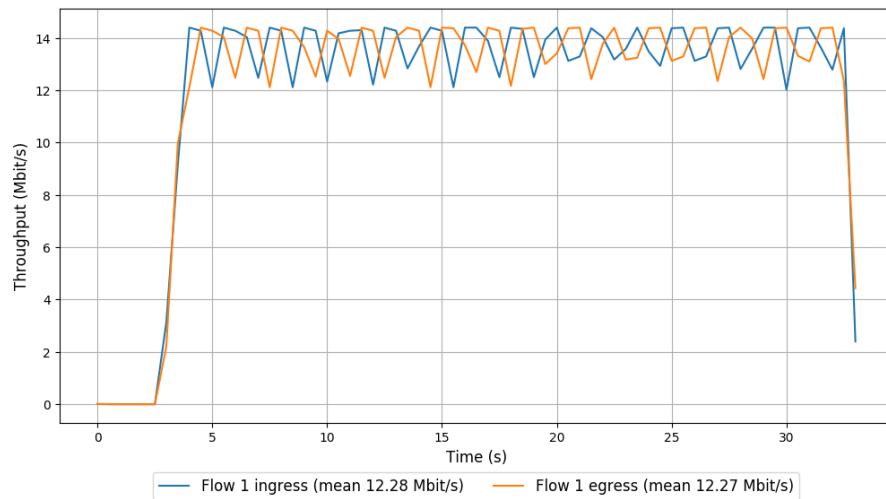
```
-- Flow 1:
```

```
Average throughput: 12.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.565 ms
```

```
Loss rate: 0.07%
```

Run 1: Report of KohoCC — Data Link

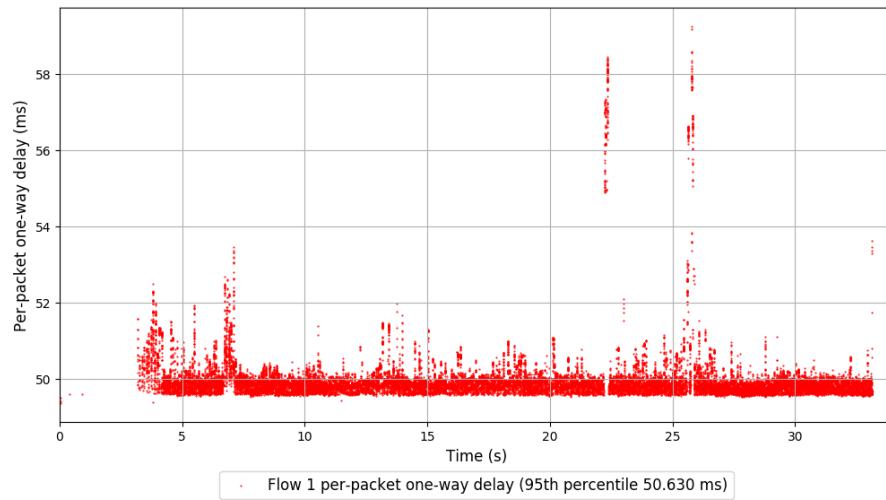
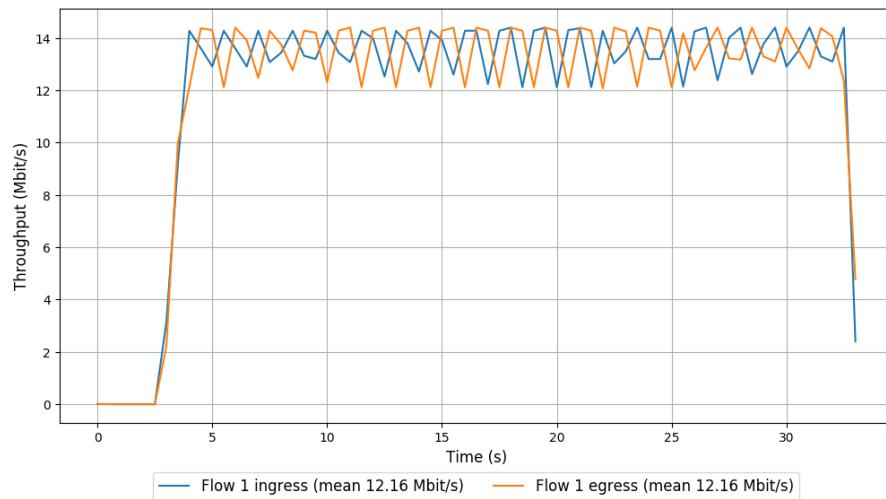


Run 2: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:49:00 +0000
End at: Thu, 15 Jun 2017 23:49:30 +0000
Local clock offset: -1.395 ms
Remote clock offset: -2.436 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 50.630 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 50.630 ms
Loss rate: 0.03%
```

Run 2: Report of KohoCC — Data Link

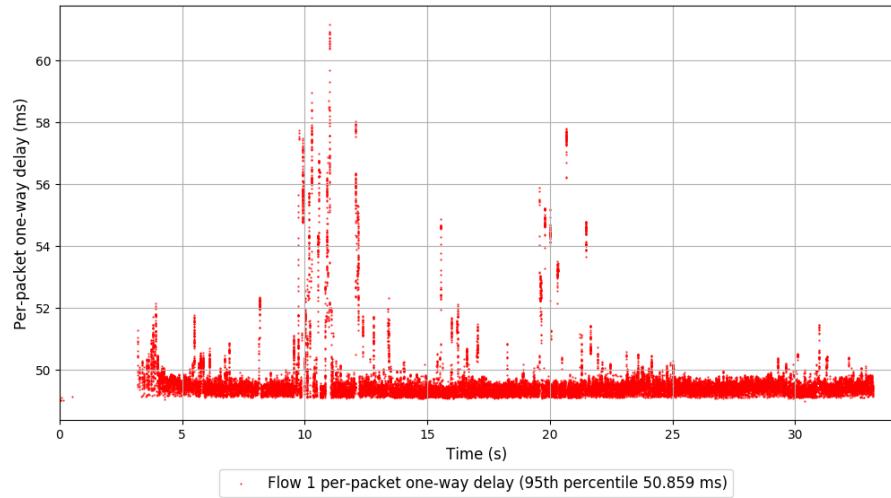
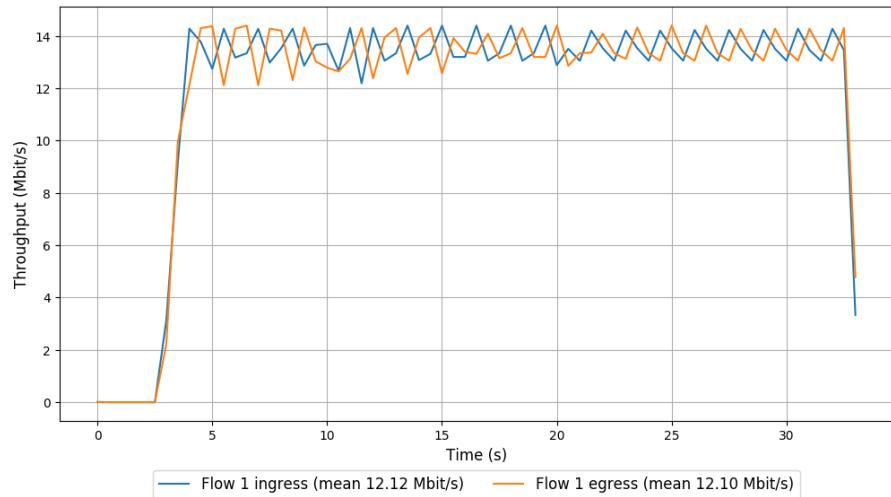


Run 3: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:08:41 +0000
End at: Fri, 16 Jun 2017 00:09:11 +0000
Local clock offset: -1.693 ms
Remote clock offset: -4.337 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 50.859 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 50.859 ms
Loss rate: 0.20%
```

Run 3: Report of KohoCC — Data Link

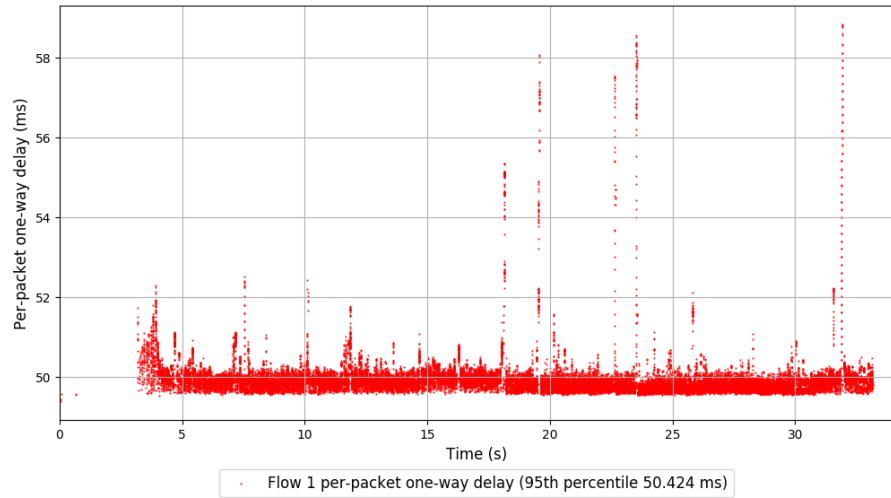
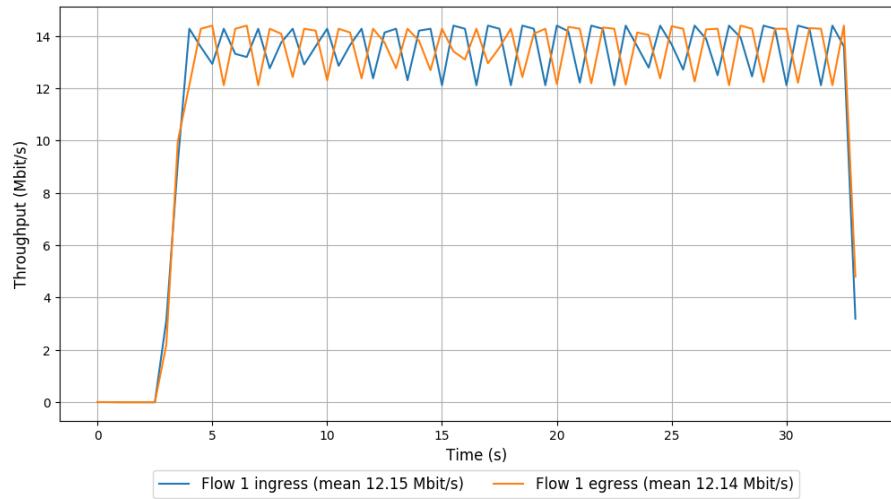


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:28:17 +0000
End at: Fri, 16 Jun 2017 00:28:47 +0000
Local clock offset: -1.374 ms
Remote clock offset: -2.242 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 50.424 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 50.424 ms
Loss rate: 0.03%
```

Run 4: Report of KohoCC — Data Link

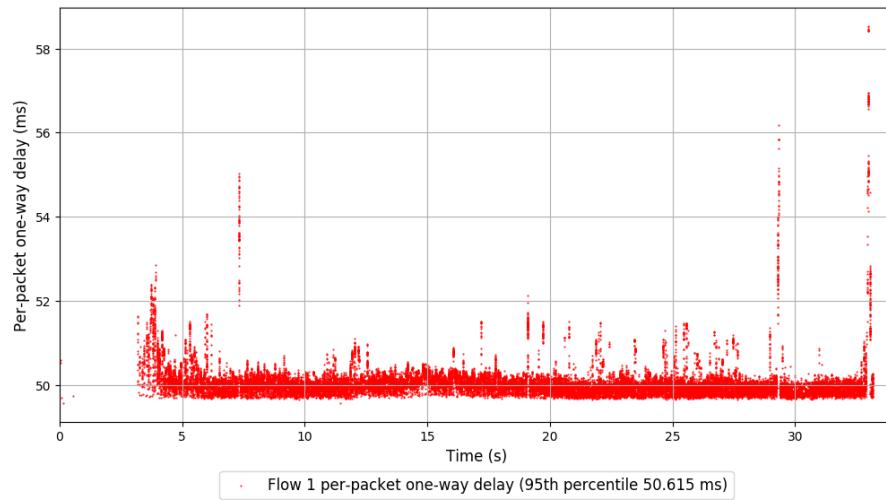
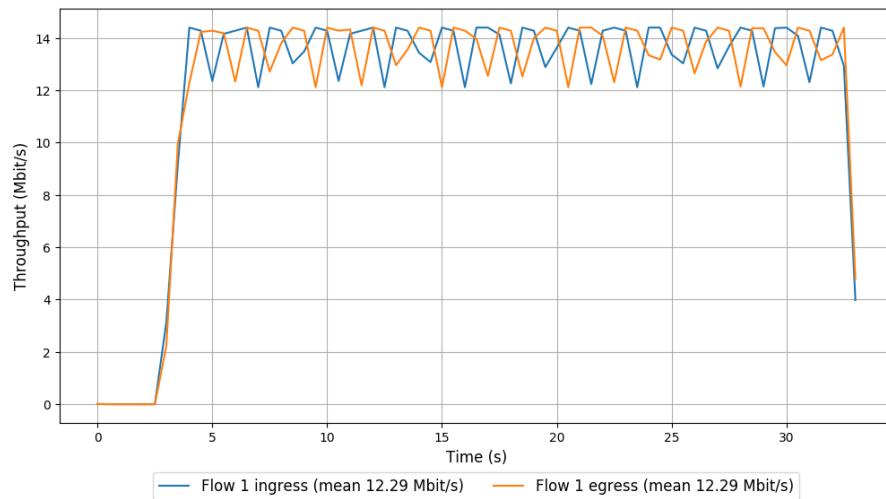


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:48:01 +0000
End at: Fri, 16 Jun 2017 00:48:31 +0000
Local clock offset: -1.091 ms
Remote clock offset: -2.573 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 50.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 50.615 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

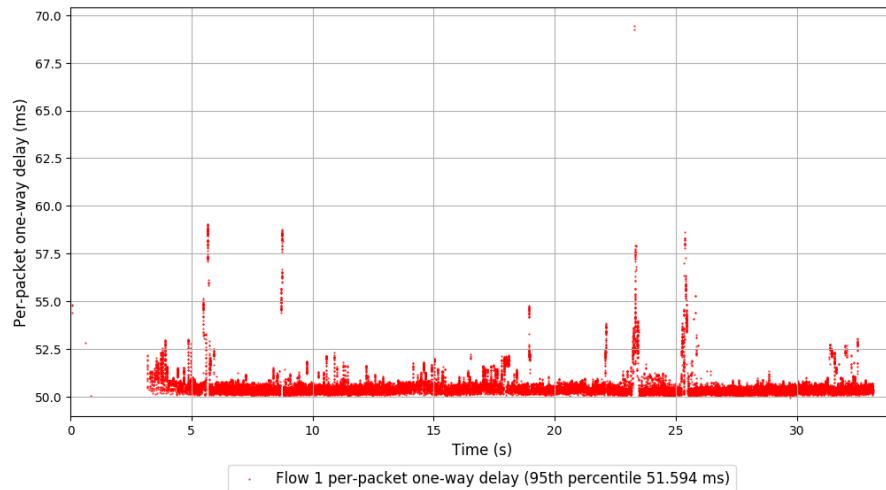
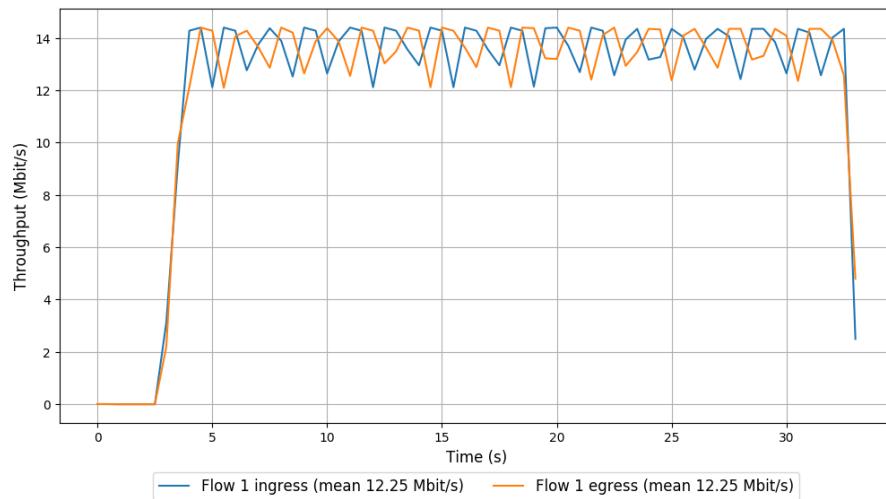


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 01:07:41 +0000
End at: Fri, 16 Jun 2017 01:08:11 +0000
Local clock offset: -0.734 ms
Remote clock offset: -4.128 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:27:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 51.594 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 51.594 ms
Loss rate: 0.05%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 01:27:20 +0000

End at: Fri, 16 Jun 2017 01:27:50 +0000

Local clock offset: -0.369 ms

Remote clock offset: -2.153 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:28:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 51.550 ms

Loss rate: 0.02%

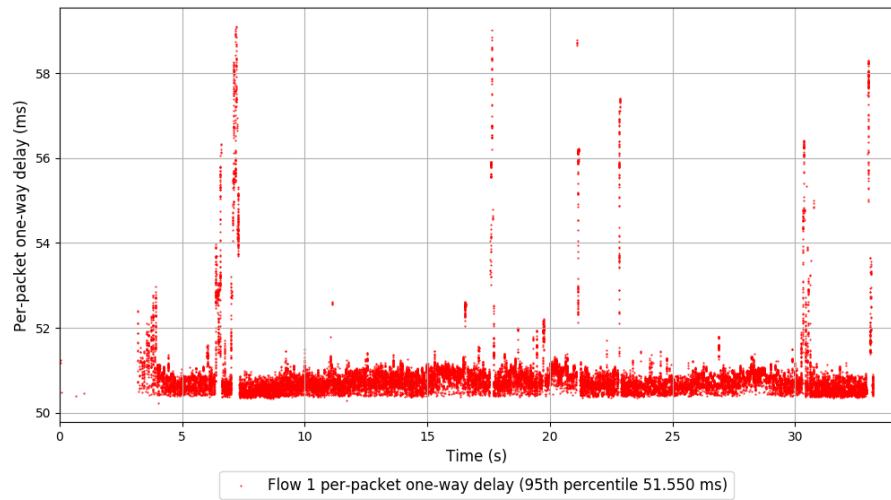
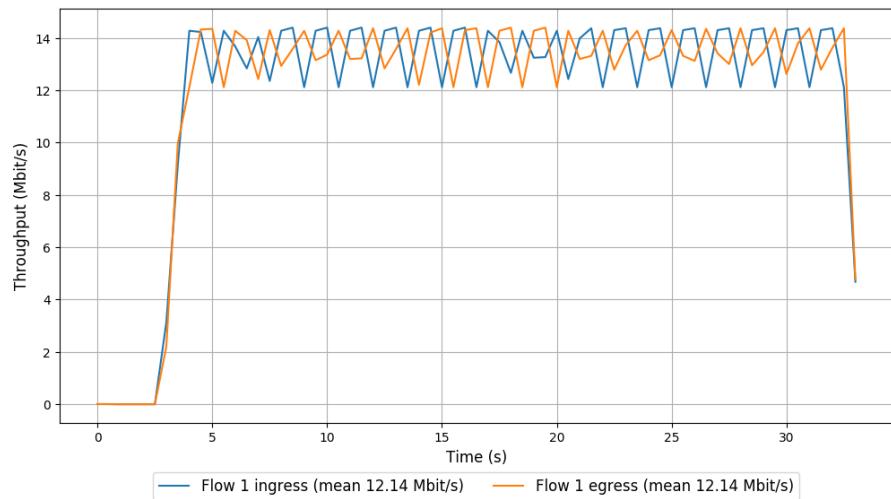
-- Flow 1:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 51.550 ms

Loss rate: 0.02%

Run 7: Report of KohoCC — Data Link

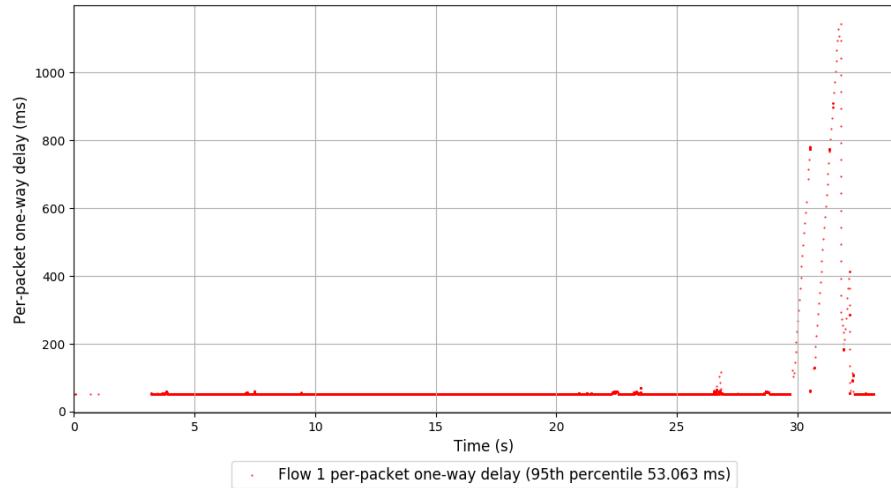
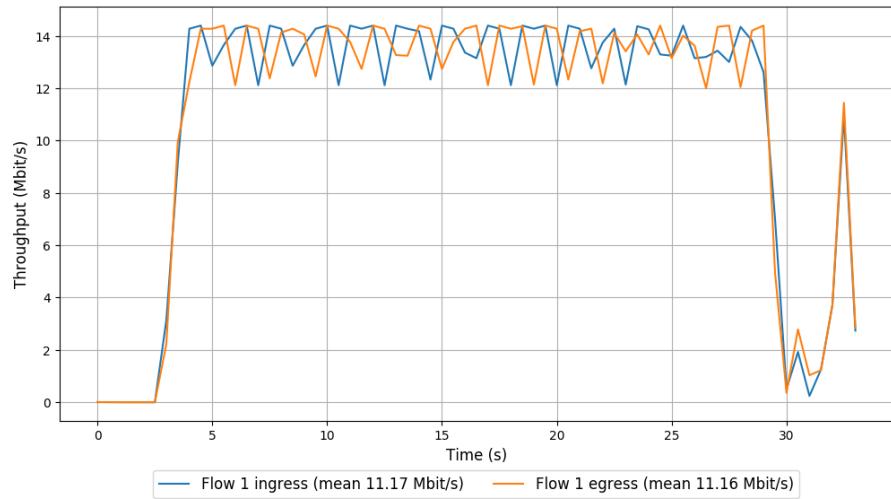


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 01:46:57 +0000
End at: Fri, 16 Jun 2017 01:47:27 +0000
Local clock offset: 0.189 ms
Remote clock offset: -2.47 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 53.063 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 53.063 ms
Loss rate: 0.06%
```

Run 8: Report of KohoCC — Data Link

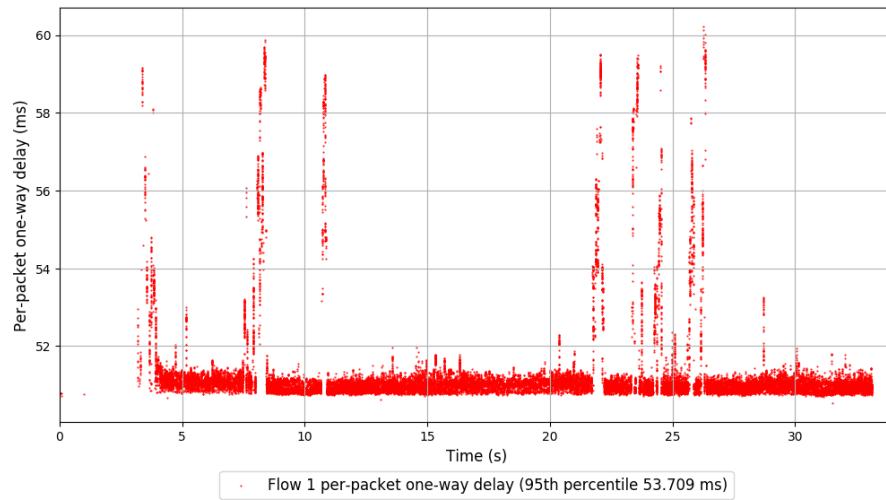
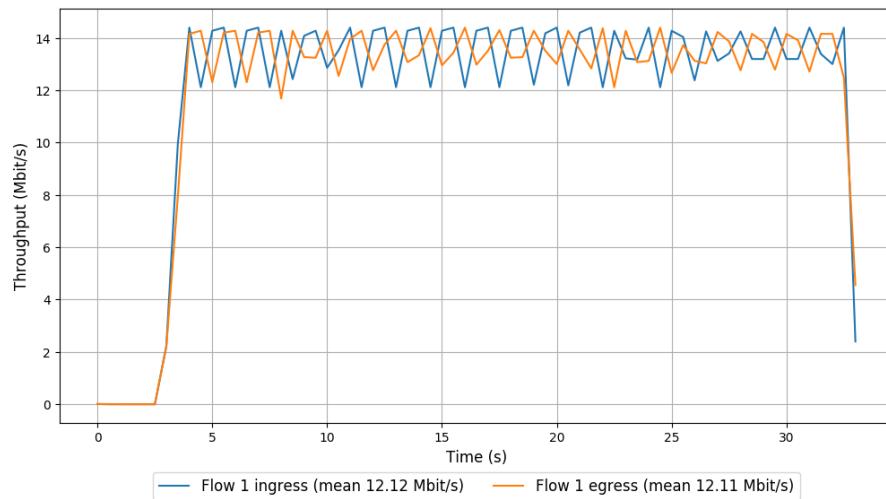


Run 9: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:06:34 +0000
End at: Fri, 16 Jun 2017 02:07:04 +0000
Local clock offset: 0.069 ms
Remote clock offset: -2.16 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 53.709 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 53.709 ms
Loss rate: 0.12%
```

Run 9: Report of KohoCC — Data Link

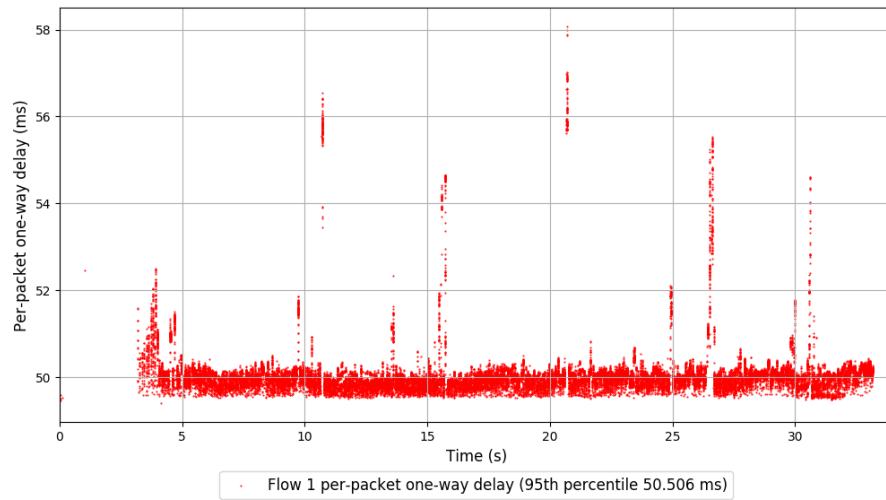
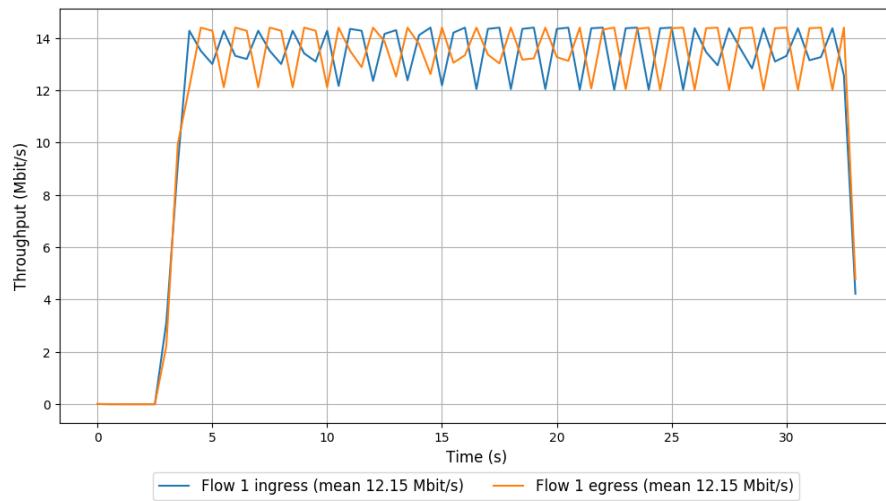


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:26:08 +0000
End at: Fri, 16 Jun 2017 02:26:38 +0000
Local clock offset: -1.353 ms
Remote clock offset: -4.258 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 50.506 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 50.506 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

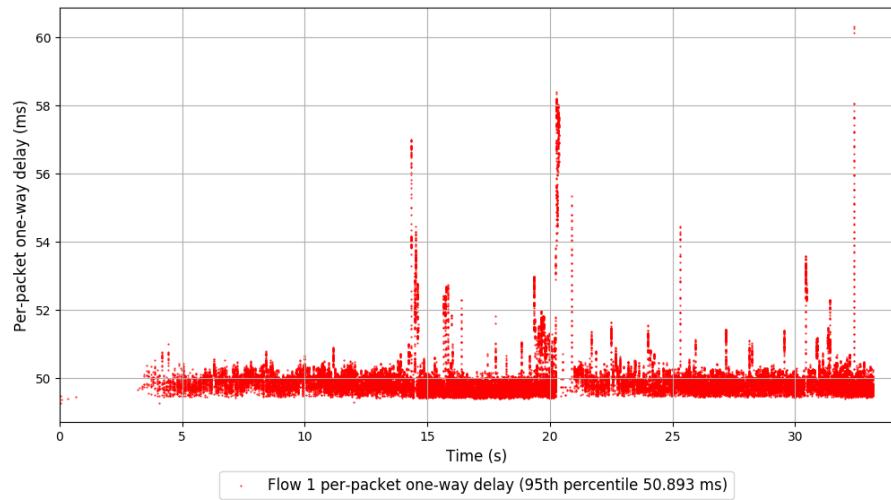
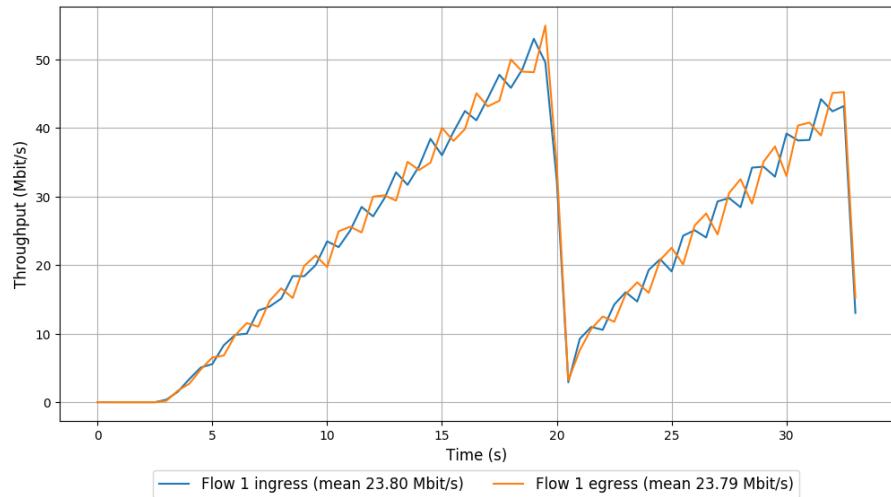


Run 1: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:16:02 +0000
End at: Thu, 15 Jun 2017 23:16:32 +0000
Local clock offset: -1.8 ms
Remote clock offset: -2.178 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 50.893 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 50.893 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link

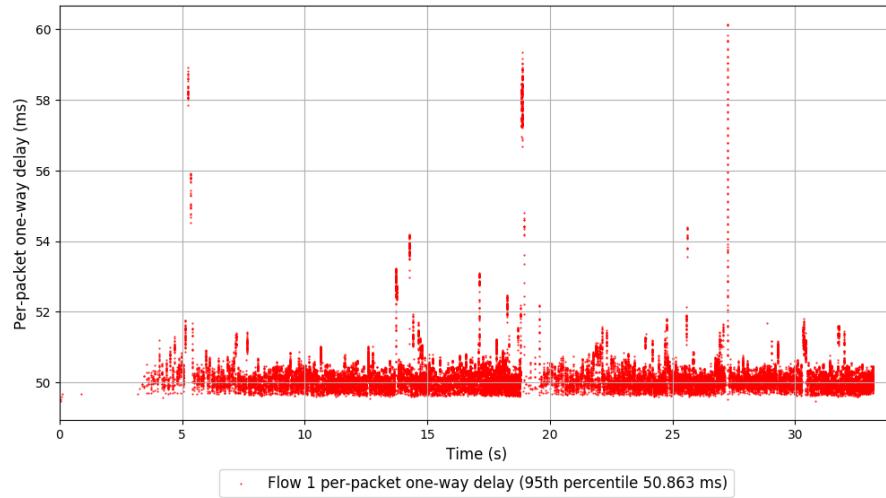
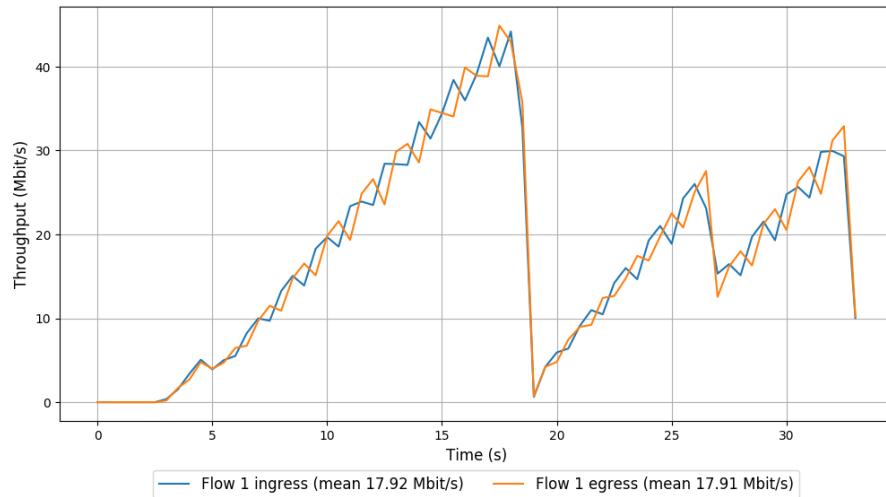


Run 2: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:35:42 +0000
End at: Thu, 15 Jun 2017 23:36:12 +0000
Local clock offset: -1.397 ms
Remote clock offset: -4.555 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.91 Mbit/s
95th percentile per-packet one-way delay: 50.863 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 17.91 Mbit/s
95th percentile per-packet one-way delay: 50.863 ms
Loss rate: 0.09%
```

Run 2: Report of LEDBAT — Data Link

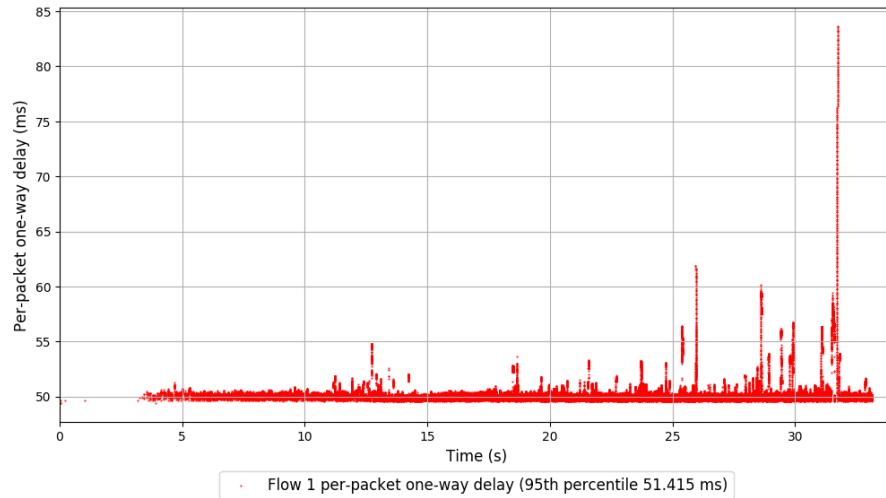
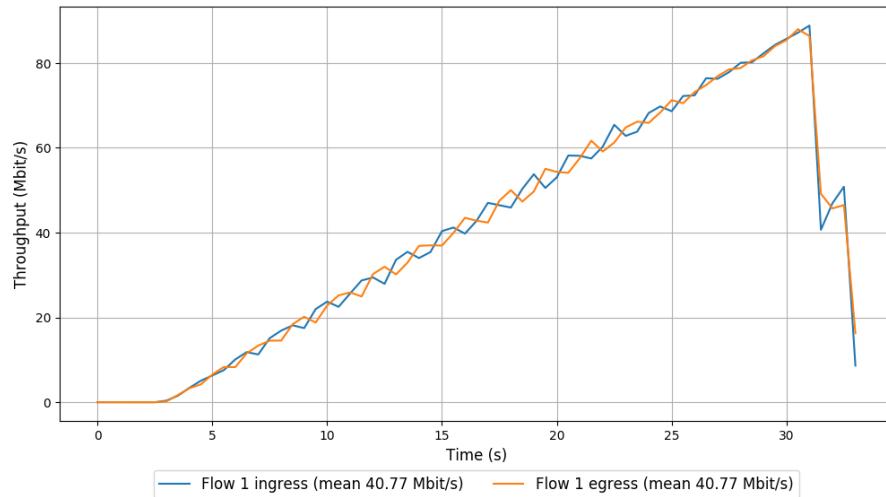


Run 3: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:55:27 +0000
End at: Thu, 15 Jun 2017 23:55:57 +0000
Local clock offset: -1.407 ms
Remote clock offset: -1.99 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 51.415 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 51.415 ms
Loss rate: 0.01%
```

Run 3: Report of LEDBAT — Data Link

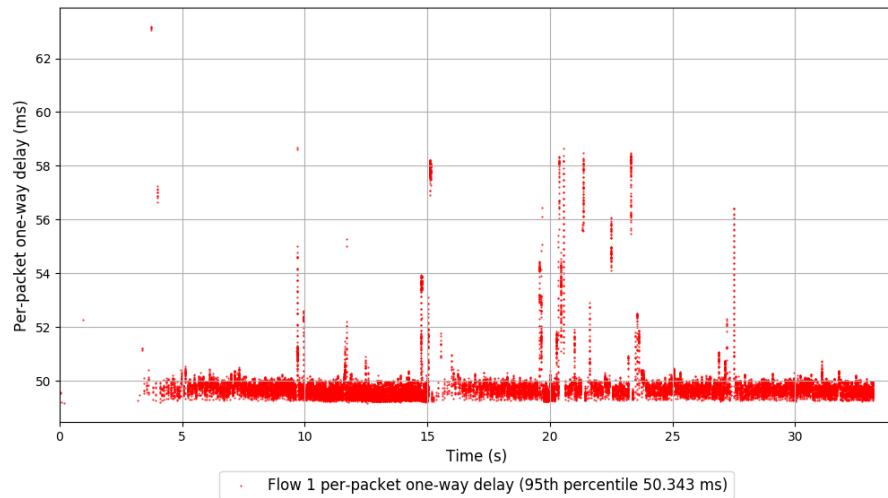
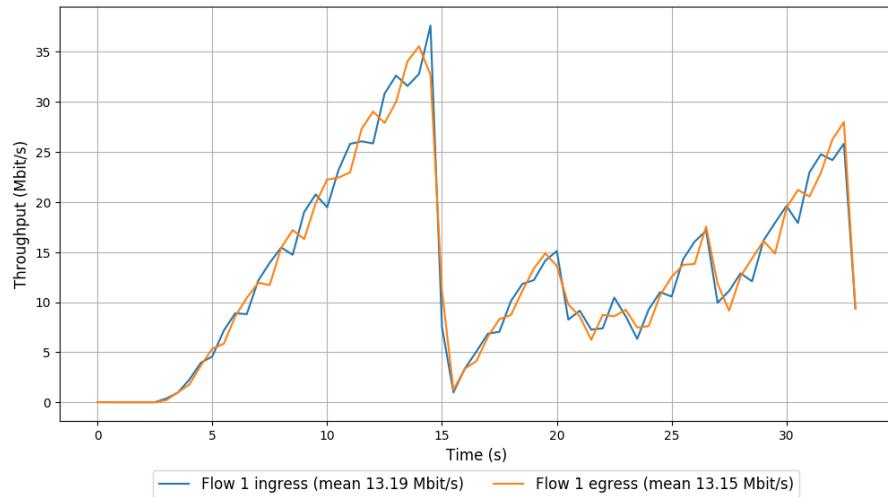


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:15:08 +0000
End at: Fri, 16 Jun 2017 00:15:38 +0000
Local clock offset: -1.593 ms
Remote clock offset: -4.723 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 0.29%
```

Run 4: Report of LEDBAT — Data Link

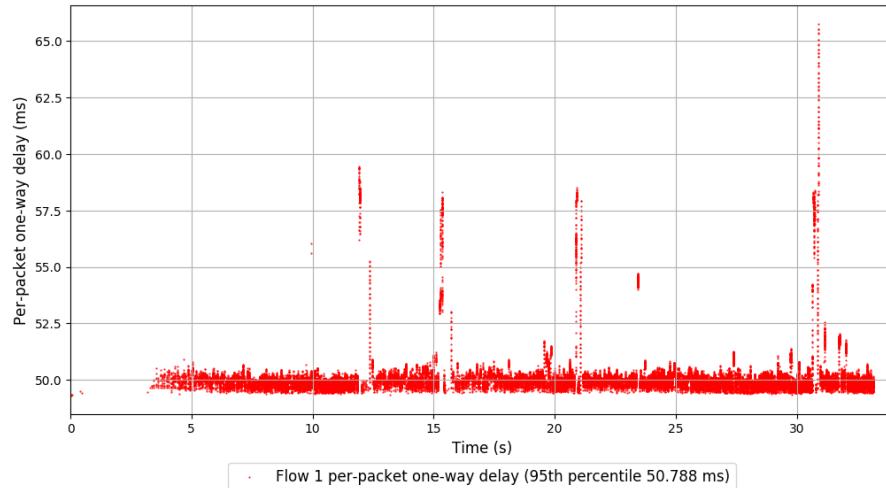
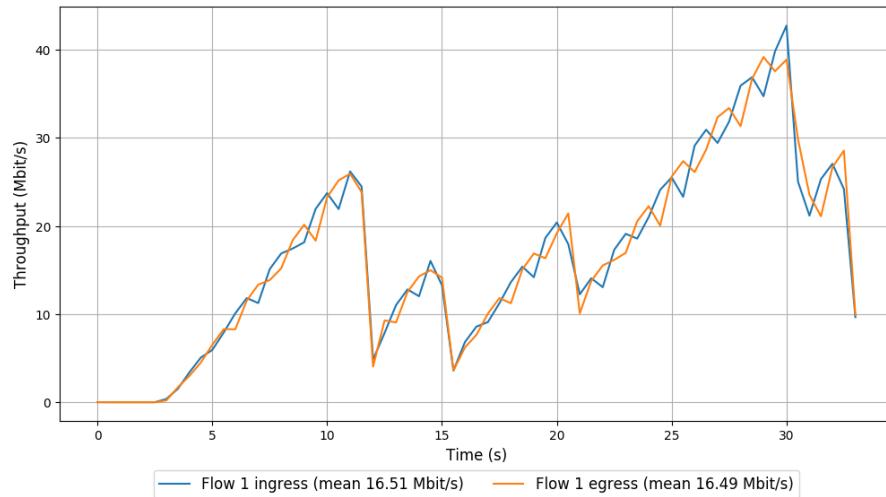


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:34:49 +0000
End at: Fri, 16 Jun 2017 00:35:19 +0000
Local clock offset: -1.558 ms
Remote clock offset: -2.339 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 50.788 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 50.788 ms
Loss rate: 0.12%
```

Run 5: Report of LEDBAT — Data Link

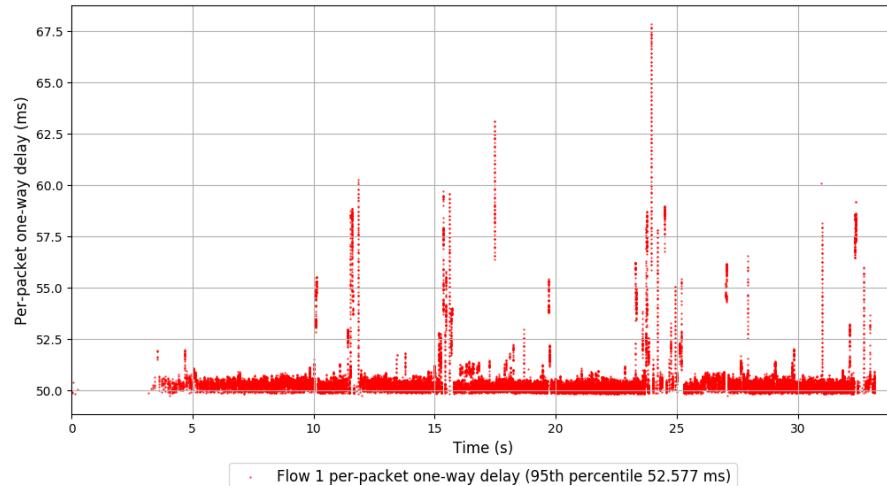
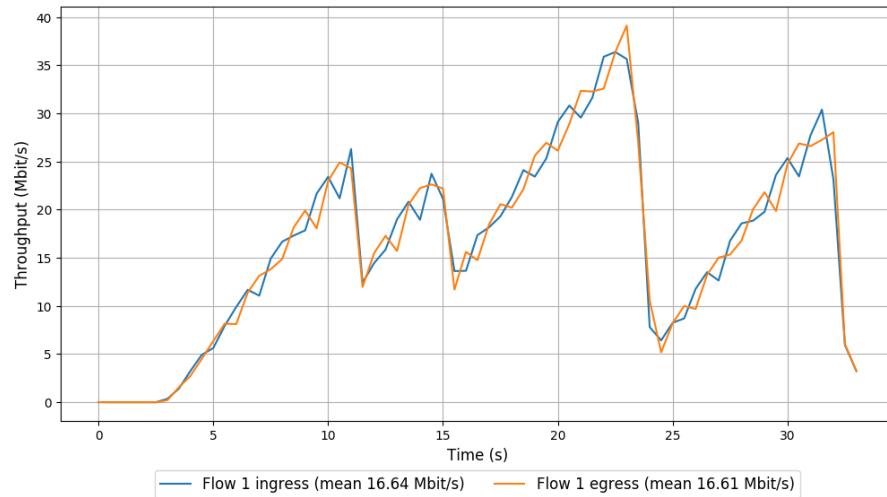


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:54:30 +0000
End at: Fri, 16 Jun 2017 00:55:00 +0000
Local clock offset: -0.979 ms
Remote clock offset: -1.823 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 52.577 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 52.577 ms
Loss rate: 0.16%
```

Run 6: Report of LEDBAT — Data Link

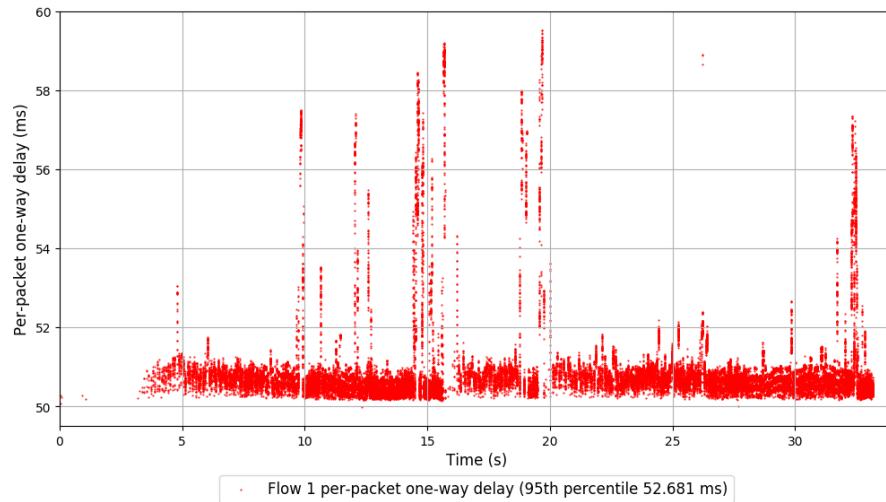
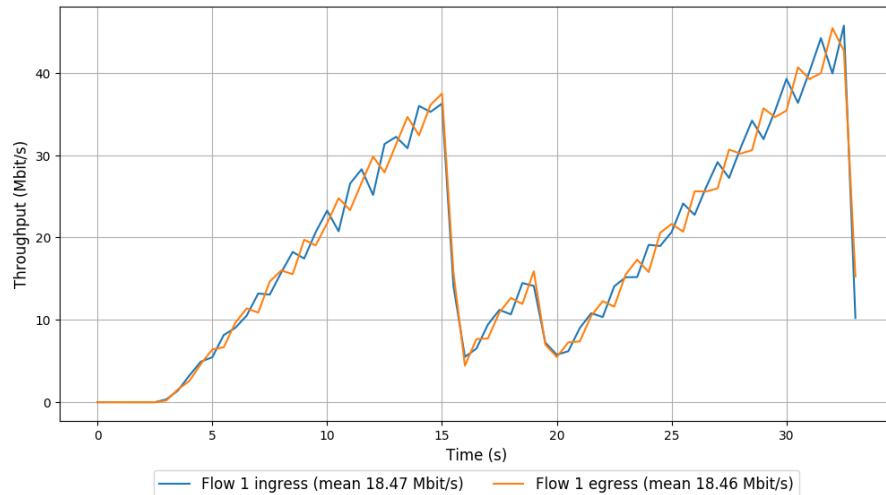


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:14:10 +0000
End at: Fri, 16 Jun 2017 01:14:40 +0000
Local clock offset: -0.627 ms
Remote clock offset: -2.127 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 52.681 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 52.681 ms
Loss rate: 0.06%
```

Run 7: Report of LEDBAT — Data Link

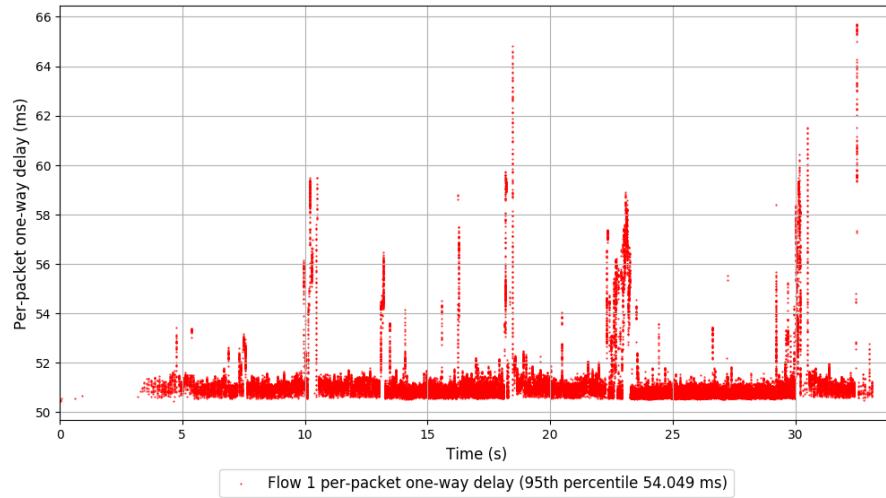
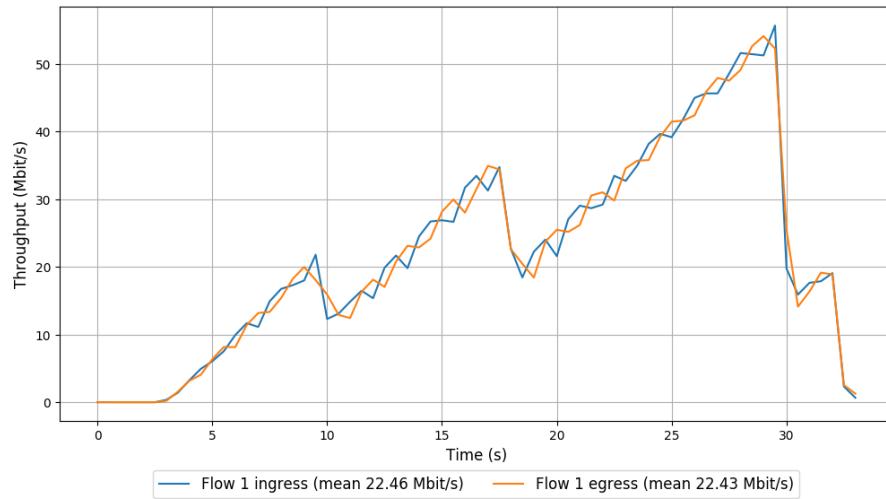


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:33:46 +0000
End at: Fri, 16 Jun 2017 01:34:16 +0000
Local clock offset: -0.114 ms
Remote clock offset: -1.61 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 54.049 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 54.049 ms
Loss rate: 0.13%
```

Run 8: Report of LEDBAT — Data Link

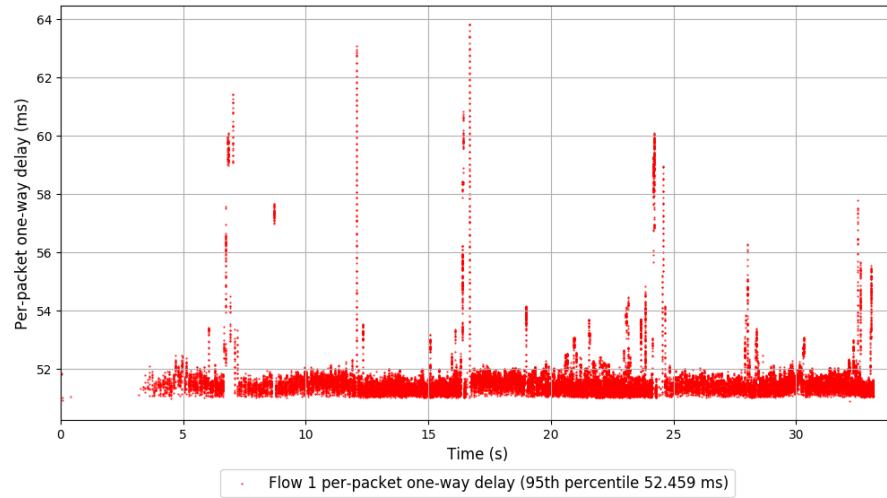
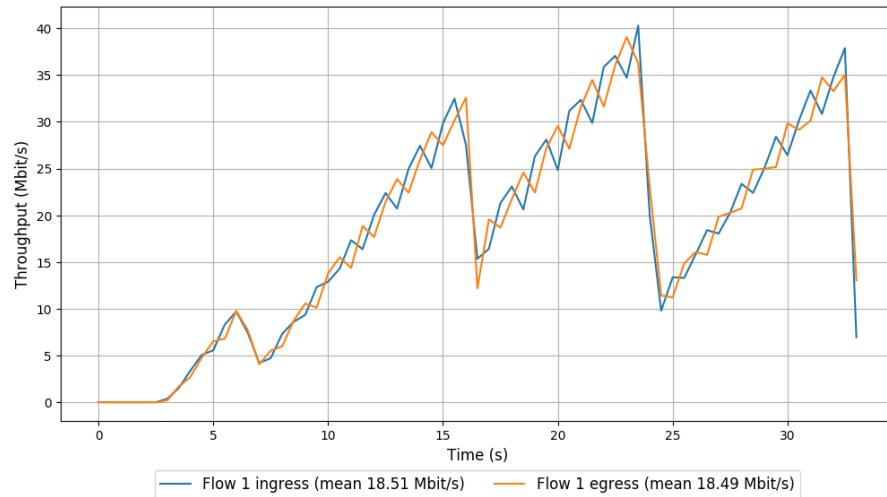


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:53:27 +0000
End at: Fri, 16 Jun 2017 01:53:57 +0000
Local clock offset: 0.296 ms
Remote clock offset: -1.687 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.49 Mbit/s
95th percentile per-packet one-way delay: 52.459 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 18.49 Mbit/s
95th percentile per-packet one-way delay: 52.459 ms
Loss rate: 0.11%
```

Run 9: Report of LEDBAT — Data Link

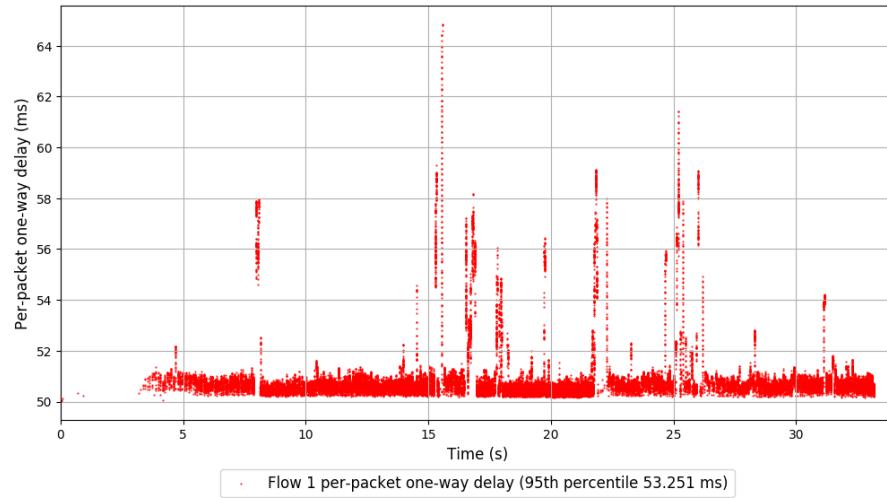
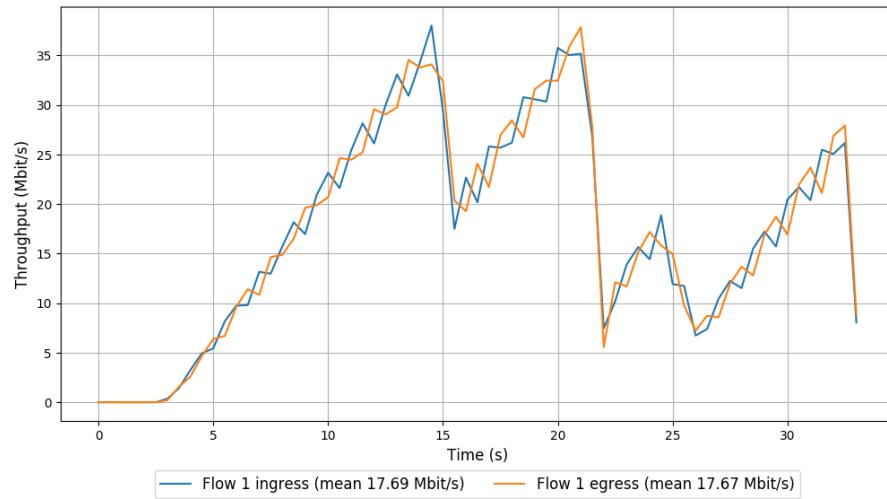


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:13:02 +0000
End at: Fri, 16 Jun 2017 02:13:32 +0000
Local clock offset: -0.508 ms
Remote clock offset: -4.759 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 53.251 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 53.251 ms
Loss rate: 0.06%
```

Run 10: Report of LEDBAT — Data Link

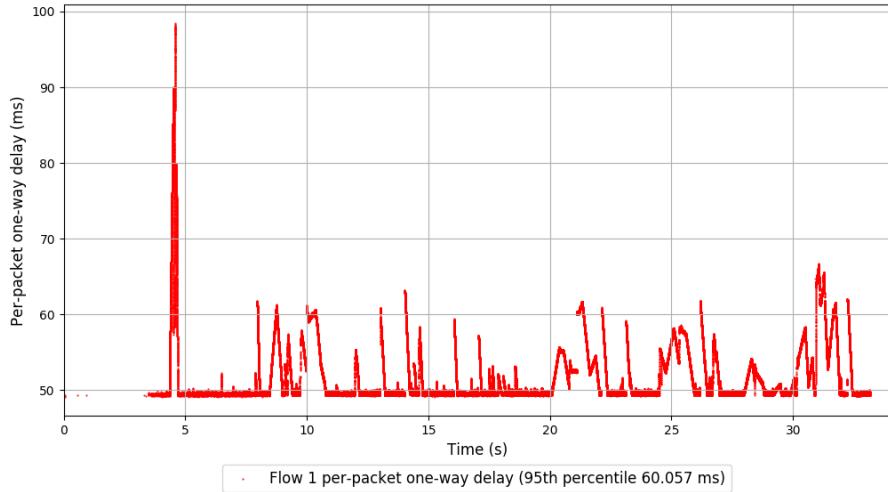
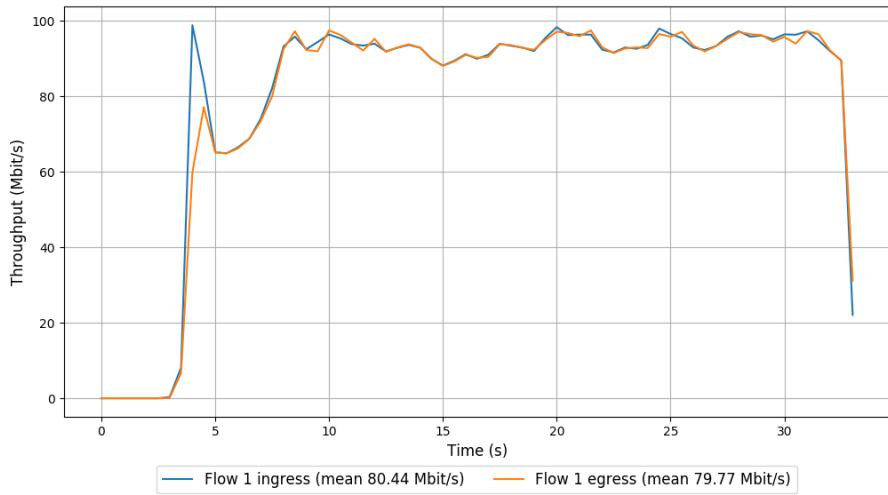


Run 1: Statistics of PCC

```
Start at: Thu, 15 Jun 2017 23:13:21 +0000
End at: Thu, 15 Jun 2017 23:13:51 +0000
Local clock offset: -1.842 ms
Remote clock offset: -4.63 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 60.057 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 60.057 ms
Loss rate: 0.83%
```

Run 1: Report of PCC — Data Link

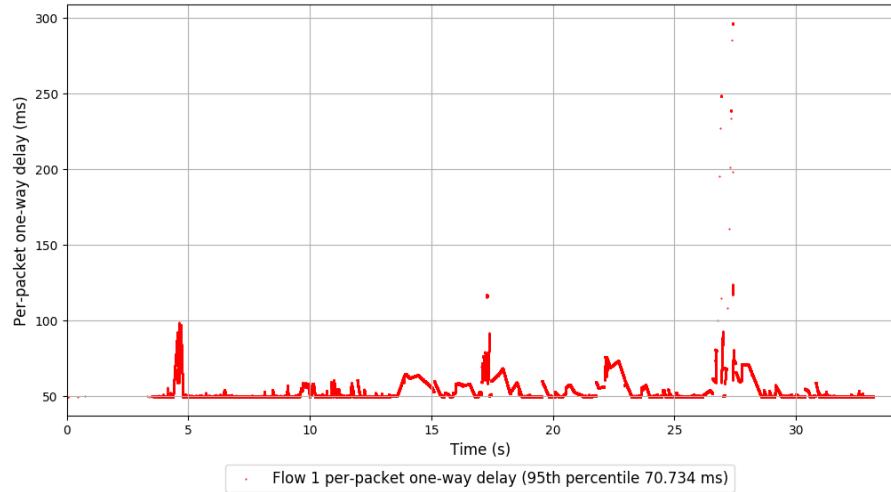
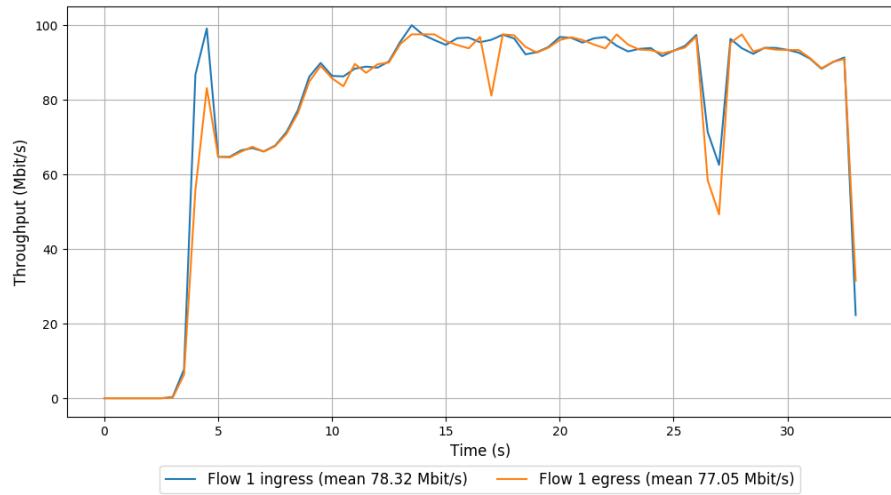


Run 2: Statistics of PCC

```
Start at: Thu, 15 Jun 2017 23:33:00 +0000
End at: Thu, 15 Jun 2017 23:33:30 +0000
Local clock offset: -1.514 ms
Remote clock offset: -4.887 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.05 Mbit/s
95th percentile per-packet one-way delay: 70.734 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 77.05 Mbit/s
95th percentile per-packet one-way delay: 70.734 ms
Loss rate: 1.65%
```

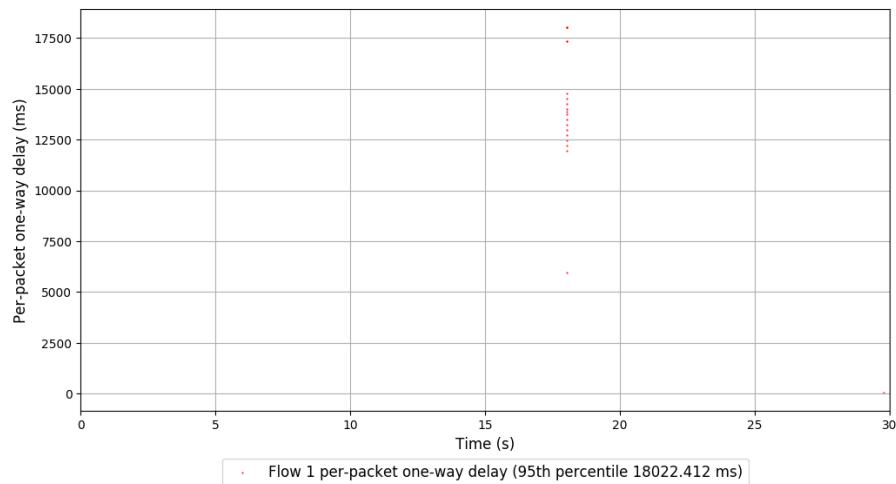
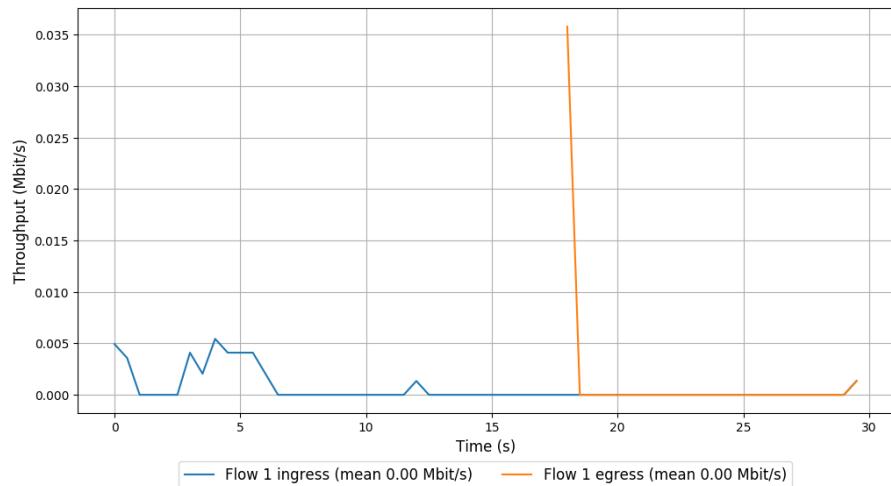
Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 15 Jun 2017 23:52:49 +0000
End at: Thu, 15 Jun 2017 23:53:19 +0000
Local clock offset: -1.42 ms
Remote clock offset: -2.337 ms

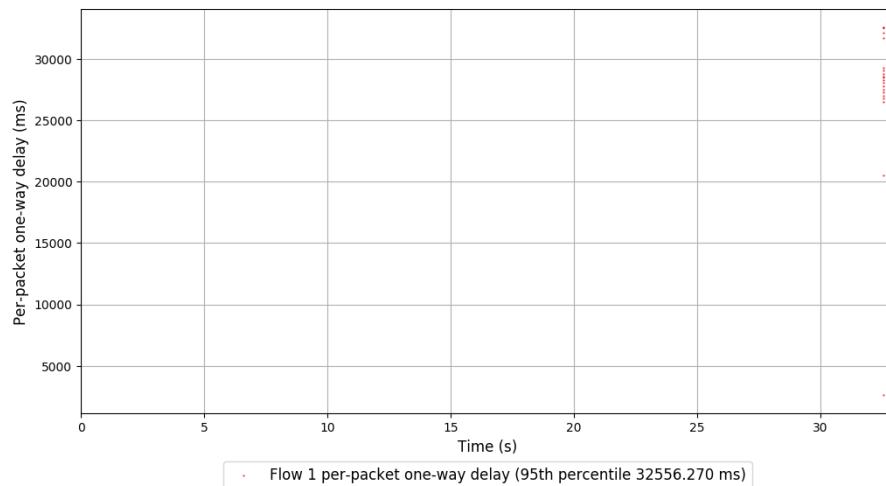
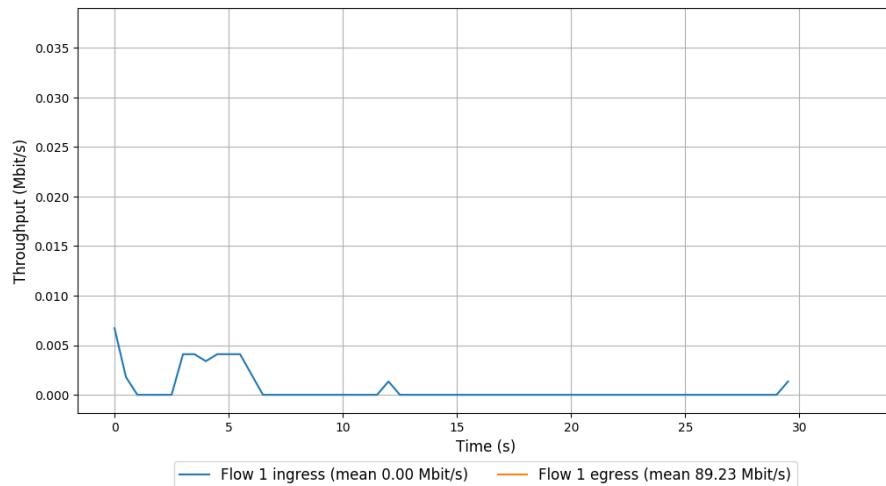
Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Fri, 16 Jun 2017 00:12:31 +0000
End at: Fri, 16 Jun 2017 00:13:01 +0000
Local clock offset: -1.794 ms
Remote clock offset: -2.603 ms

Run 4: Report of PCC — Data Link

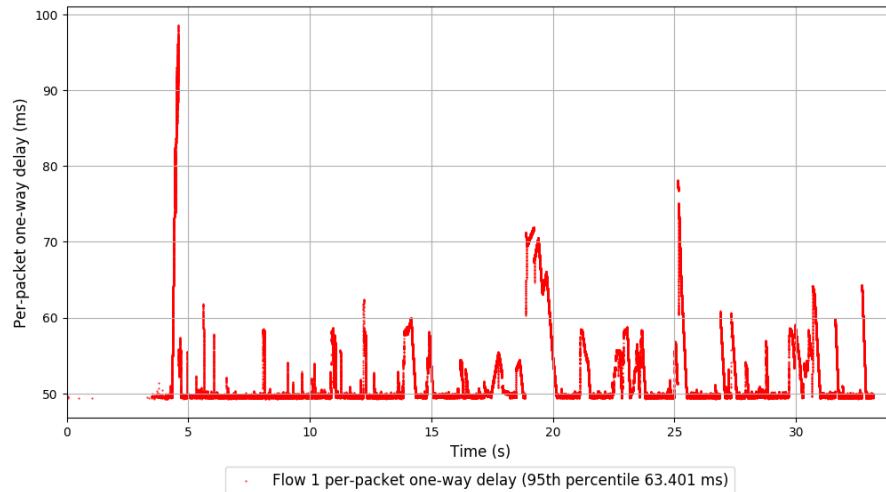
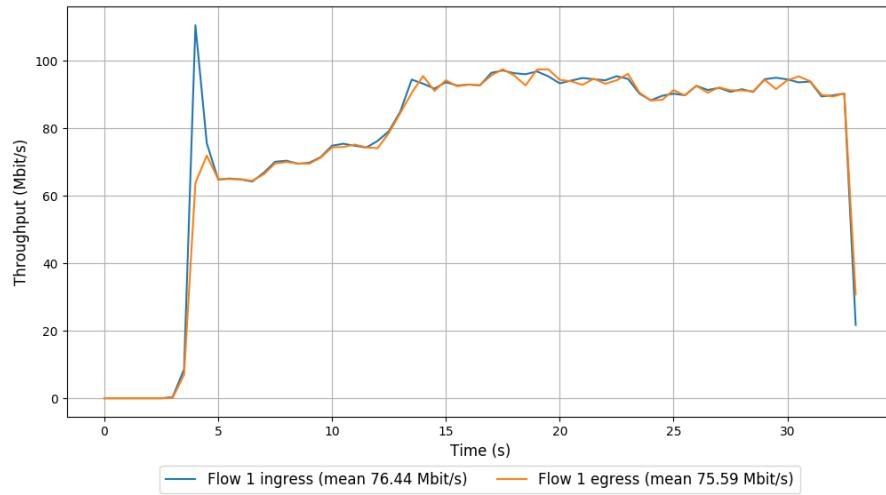


Run 5: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:32:06 +0000
End at: Fri, 16 Jun 2017 00:32:36 +0000
Local clock offset: -1.337 ms
Remote clock offset: -2.701 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.59 Mbit/s
95th percentile per-packet one-way delay: 63.401 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 75.59 Mbit/s
95th percentile per-packet one-way delay: 63.401 ms
Loss rate: 1.11%
```

Run 5: Report of PCC — Data Link

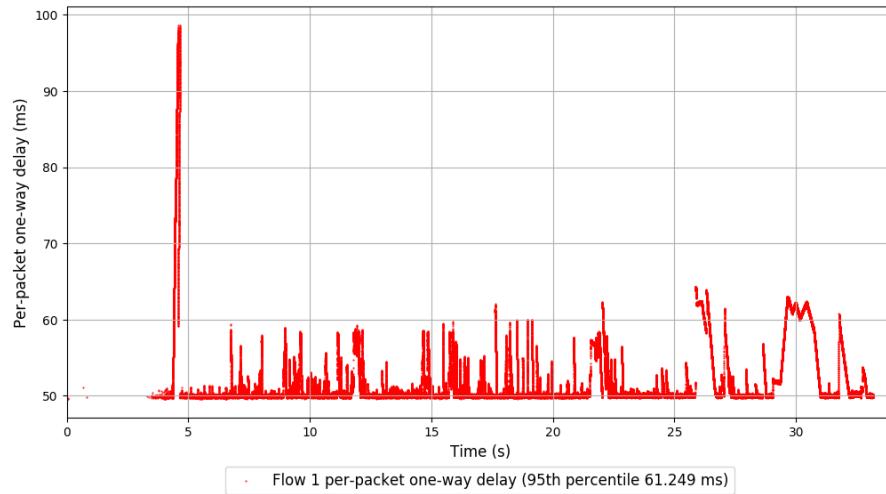
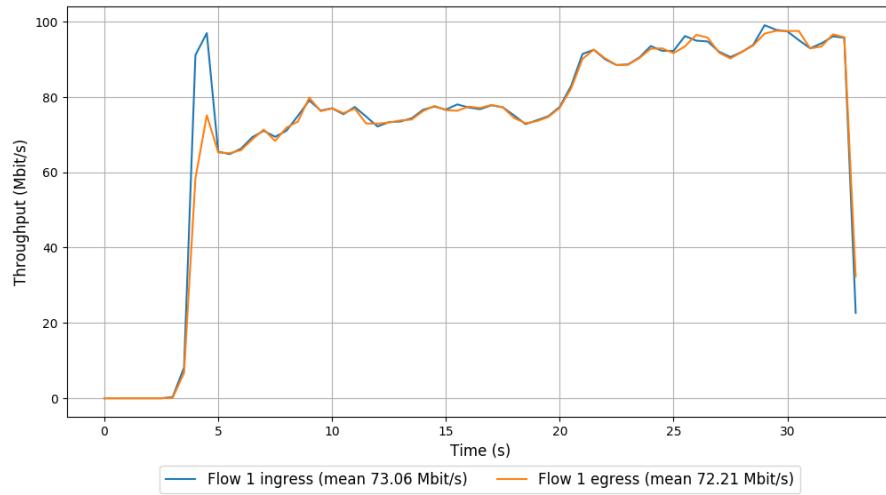


Run 6: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 00:51:51 +0000
End at: Fri, 16 Jun 2017 00:52:21 +0000
Local clock offset: -1.133 ms
Remote clock offset: -2.651 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:28:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 61.249 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 61.249 ms
Loss rate: 1.16%
```

Run 6: Report of PCC — Data Link

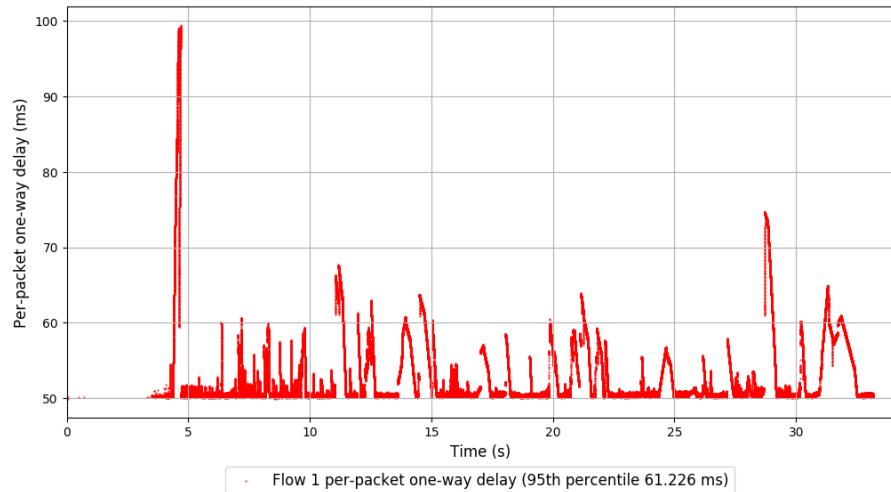
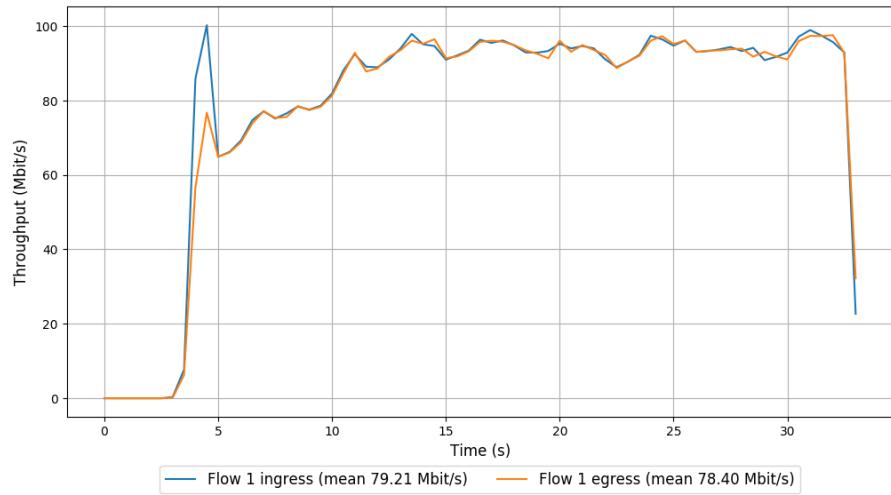


Run 7: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 01:11:30 +0000
End at: Fri, 16 Jun 2017 01:12:00 +0000
Local clock offset: -0.68 ms
Remote clock offset: -2.411 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 61.226 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 61.226 ms
Loss rate: 1.03%
```

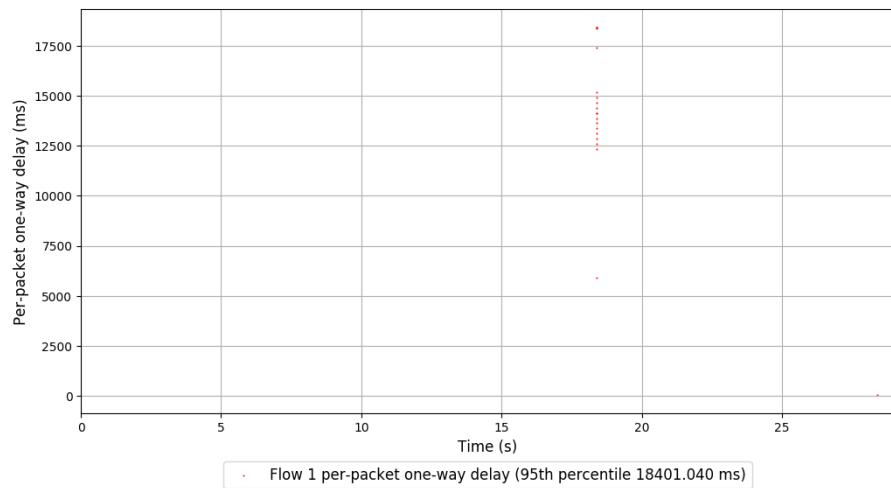
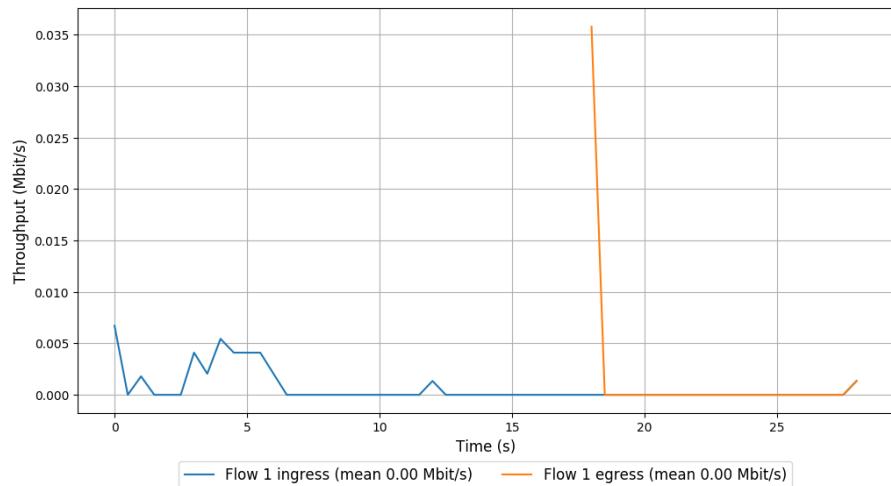
Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Fri, 16 Jun 2017 01:31:09 +0000
End at: Fri, 16 Jun 2017 01:31:39 +0000
Local clock offset: -0.187 ms
Remote clock offset: -2.174 ms

Run 8: Report of PCC — Data Link

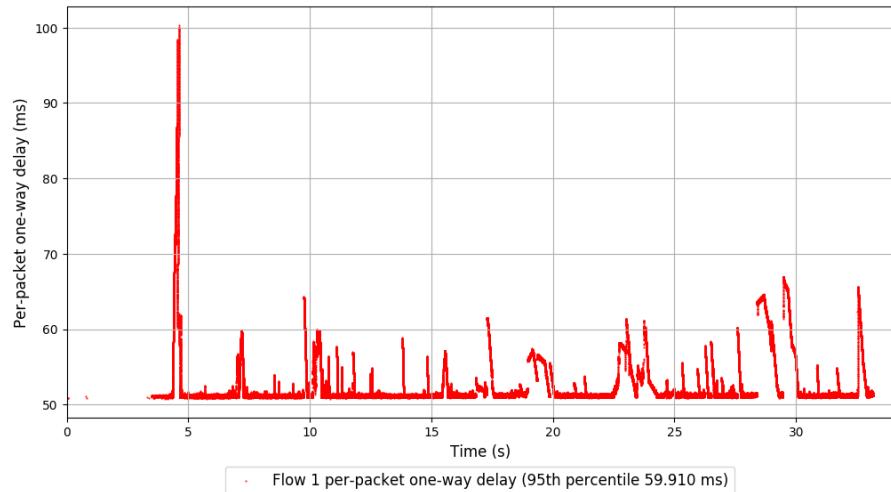
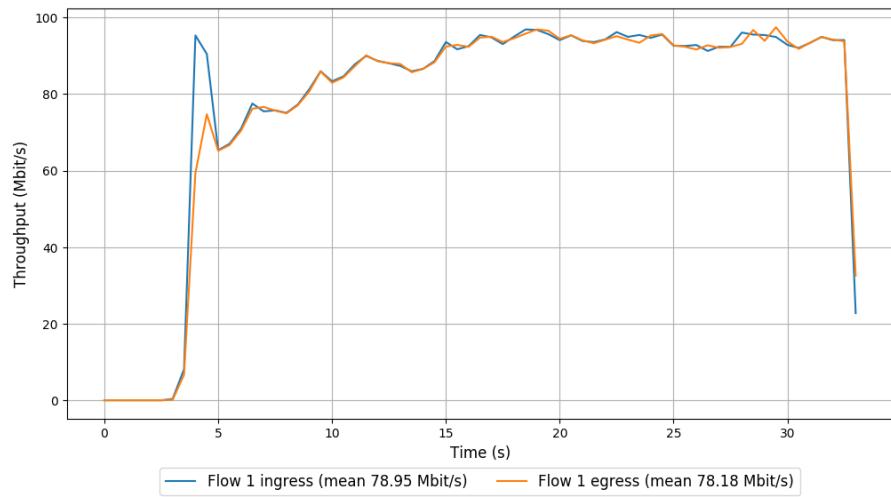


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 01:50:46 +0000
End at: Fri, 16 Jun 2017 01:51:16 +0000
Local clock offset: 0.253 ms
Remote clock offset: -4.572 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 59.910 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 59.910 ms
Loss rate: 0.97%
```

Run 9: Report of PCC — Data Link

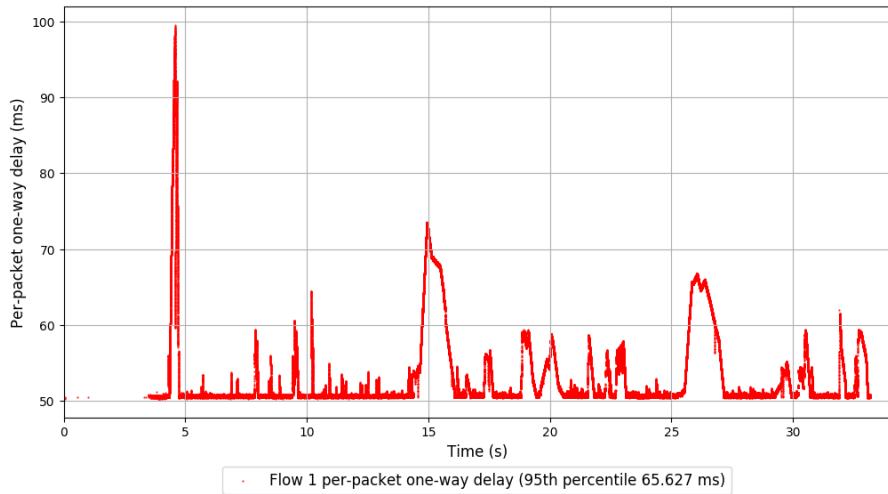
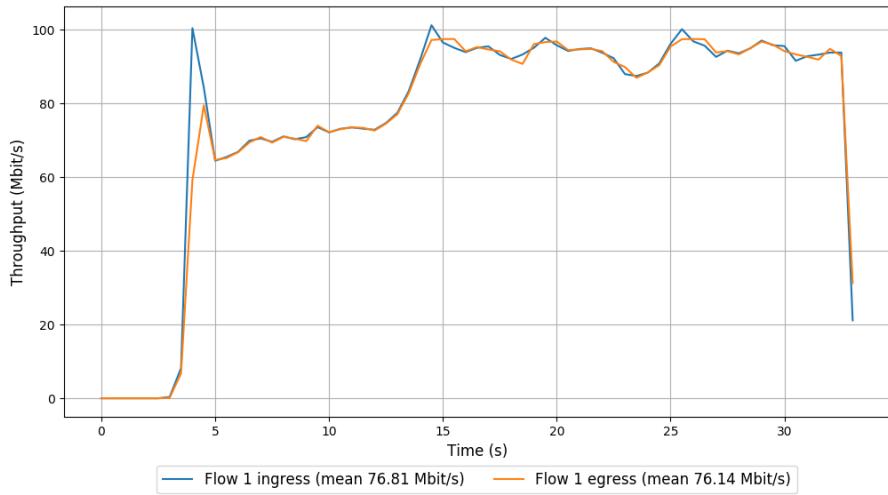


Run 10: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:10:22 +0000
End at: Fri, 16 Jun 2017 02:10:52 +0000
Local clock offset: -0.25 ms
Remote clock offset: -4.234 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.14 Mbit/s
95th percentile per-packet one-way delay: 65.627 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 76.14 Mbit/s
95th percentile per-packet one-way delay: 65.627 ms
Loss rate: 0.87%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:21:19 +0000
```

```
End at: Thu, 15 Jun 2017 23:21:49 +0000
```

```
Local clock offset: -1.534 ms
```

```
Remote clock offset: -2.991 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 73.809 ms
```

```
Loss rate: 0.34%
```

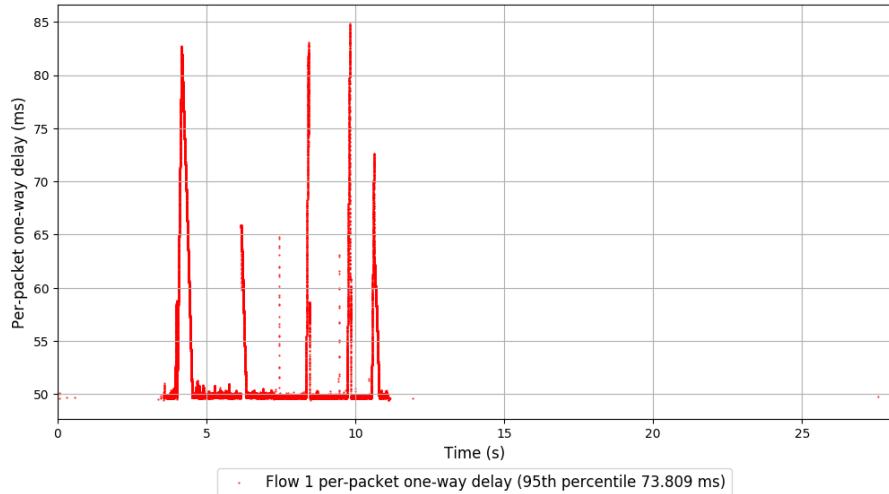
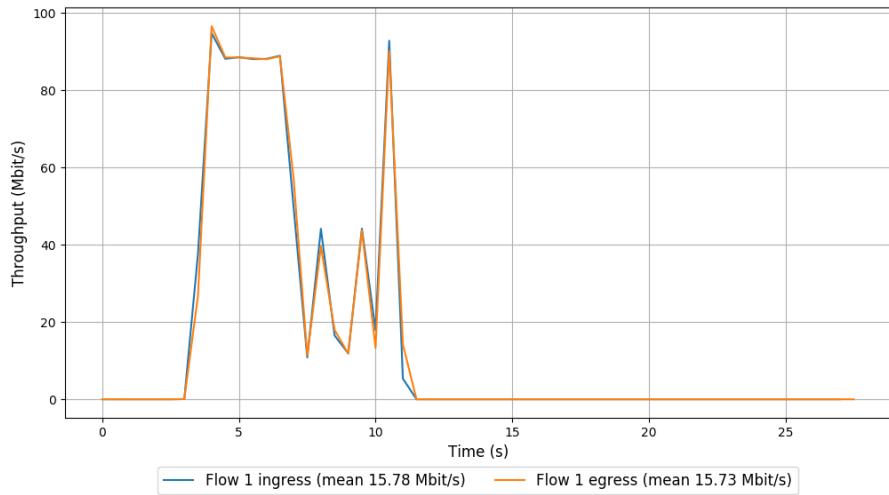
```
-- Flow 1:
```

```
Average throughput: 15.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 73.809 ms
```

```
Loss rate: 0.34%
```

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

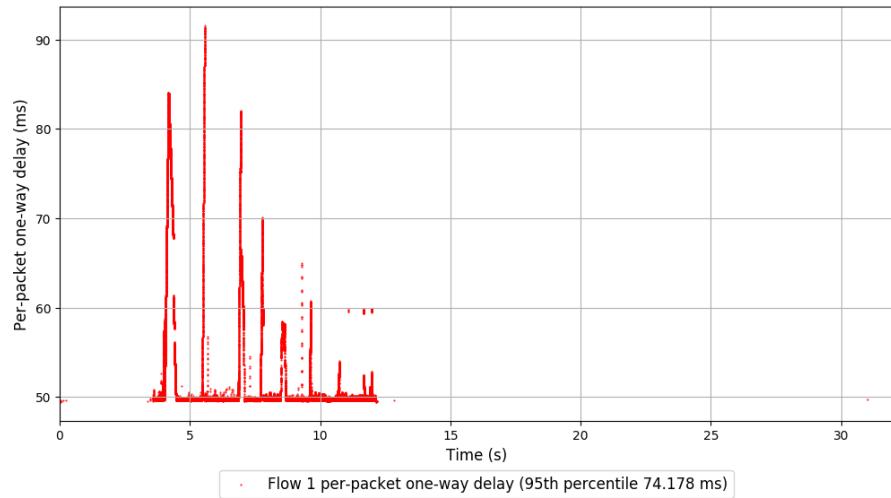
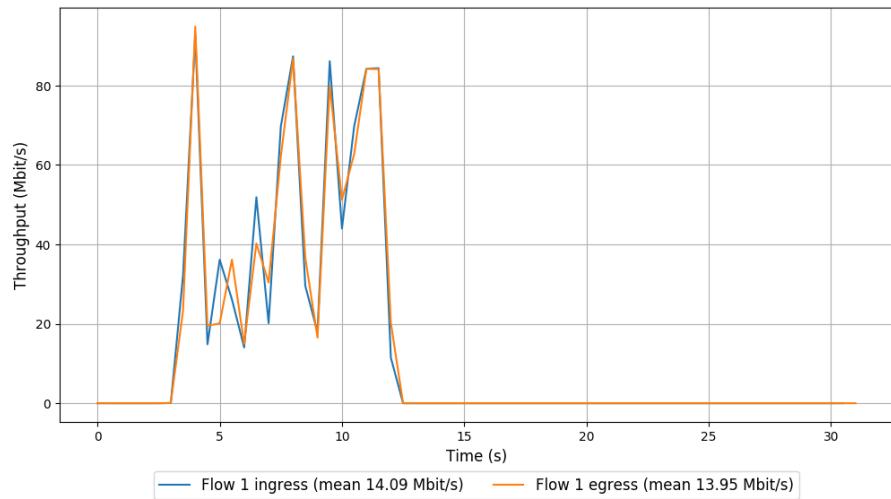


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 15 Jun 2017 23:41:00 +0000
End at: Thu, 15 Jun 2017 23:41:30 +0000
Local clock offset: -1.488 ms
Remote clock offset: -4.921 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 74.178 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 74.178 ms
Loss rate: 0.95%
```

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

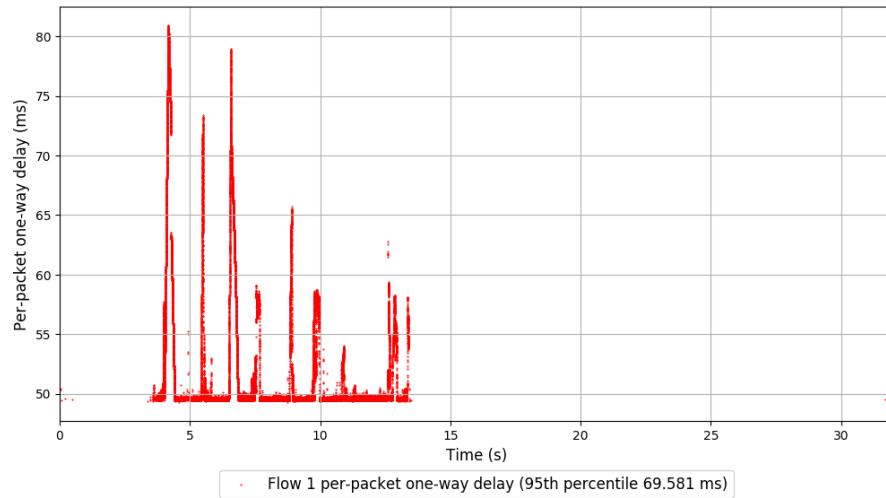
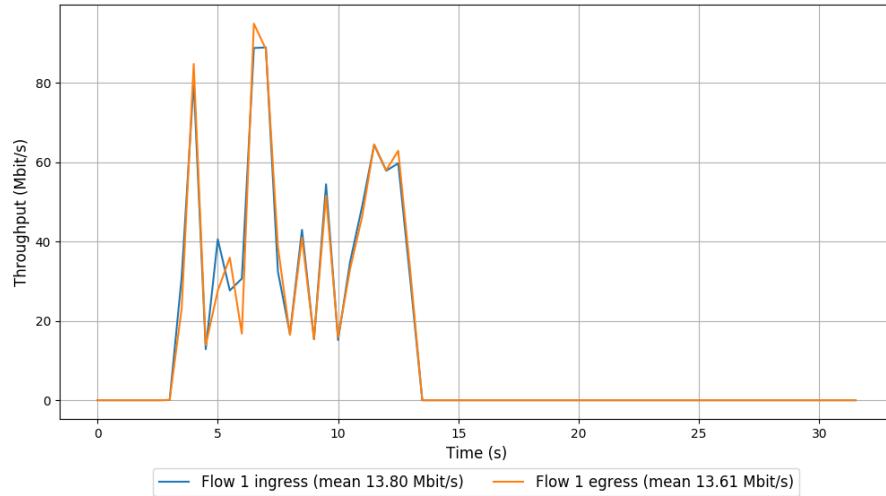


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:00:47 +0000
End at: Fri, 16 Jun 2017 00:01:17 +0000
Local clock offset: -1.431 ms
Remote clock offset: -2.381 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 69.581 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 69.581 ms
Loss rate: 1.42%
```

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

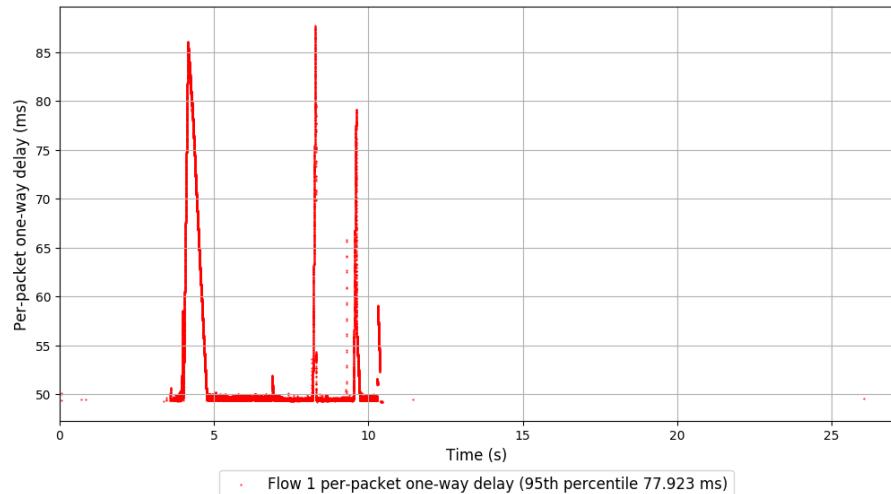
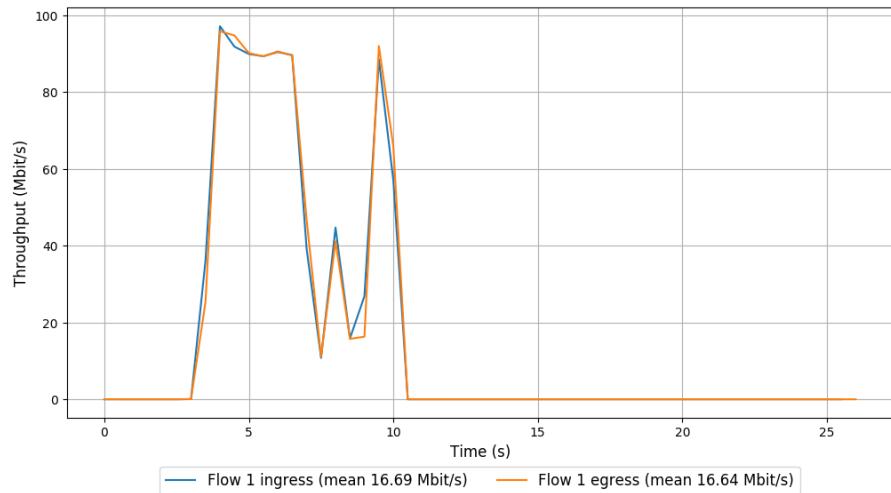


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:20:25 +0000
End at: Fri, 16 Jun 2017 00:20:55 +0000
Local clock offset: -1.578 ms
Remote clock offset: -4.389 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.64 Mbit/s
95th percentile per-packet one-way delay: 77.923 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 16.64 Mbit/s
95th percentile per-packet one-way delay: 77.923 ms
Loss rate: 0.33%
```

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

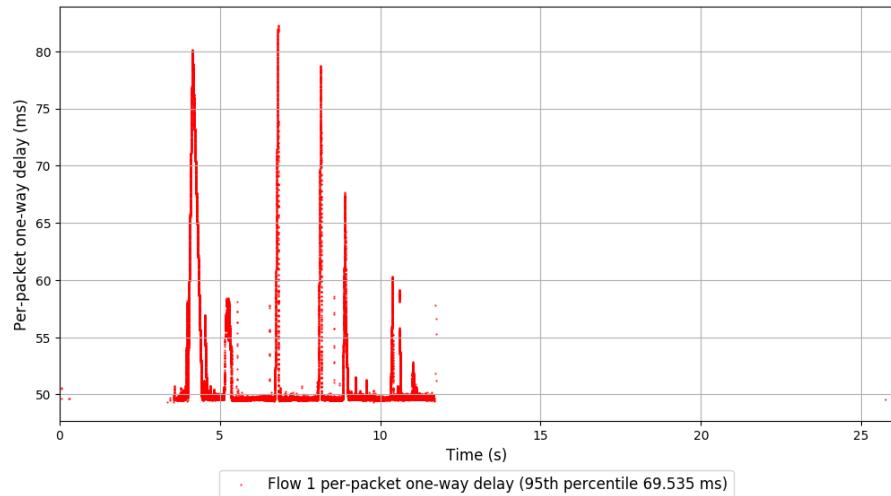
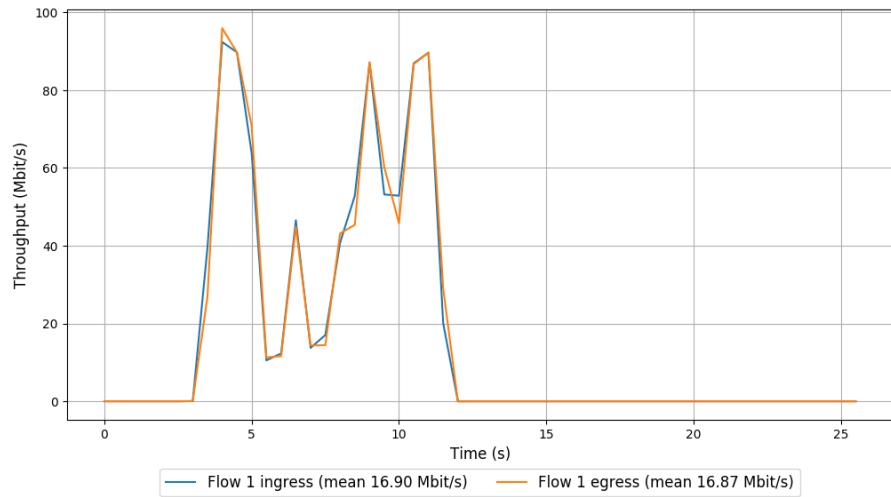


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:40:06 +0000
End at: Fri, 16 Jun 2017 00:40:36 +0000
Local clock offset: -1.317 ms
Remote clock offset: -2.704 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 69.535 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 69.535 ms
Loss rate: 0.20%
```

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

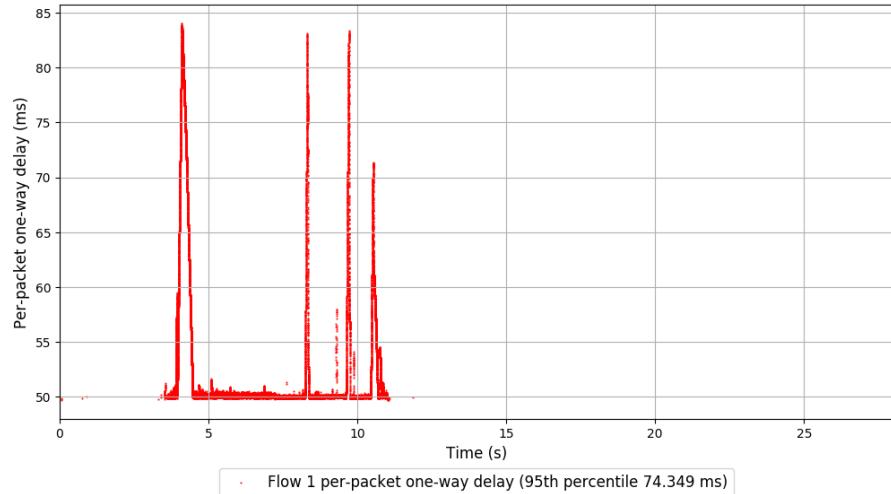
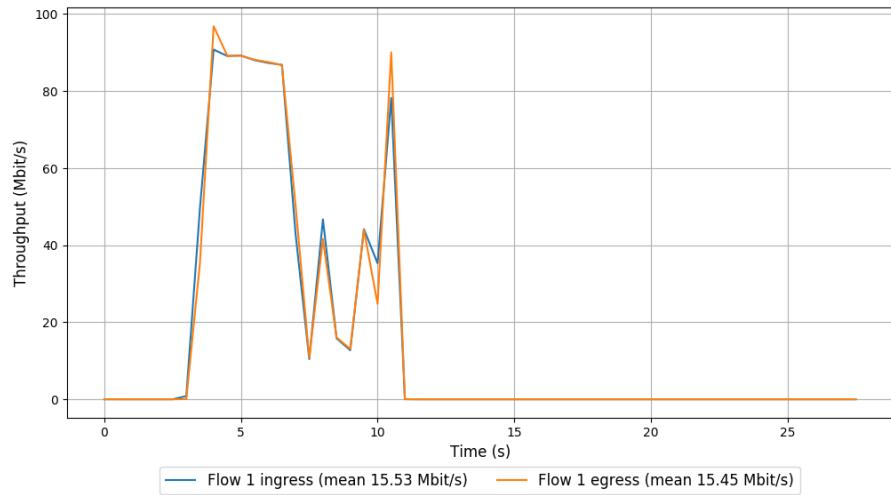


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:59:48 +0000
End at: Fri, 16 Jun 2017 01:00:18 +0000
Local clock offset: -0.937 ms
Remote clock offset: -4.281 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 74.349 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 74.349 ms
Loss rate: 0.50%
```

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

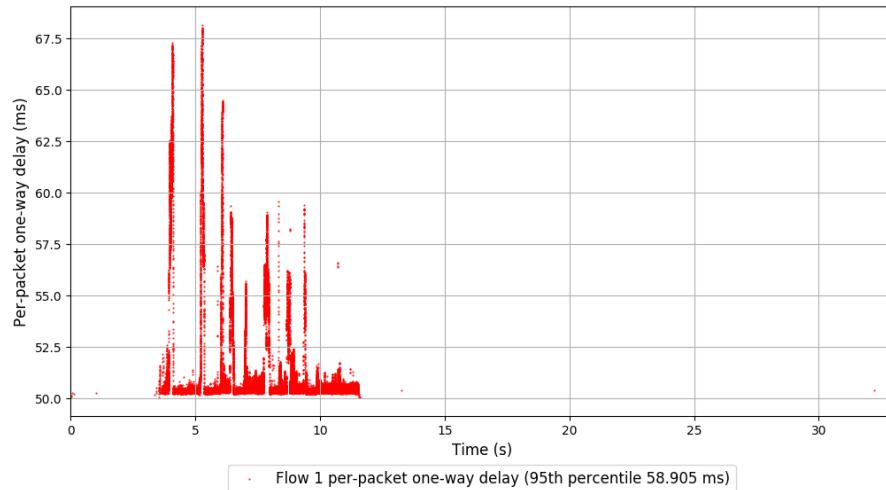
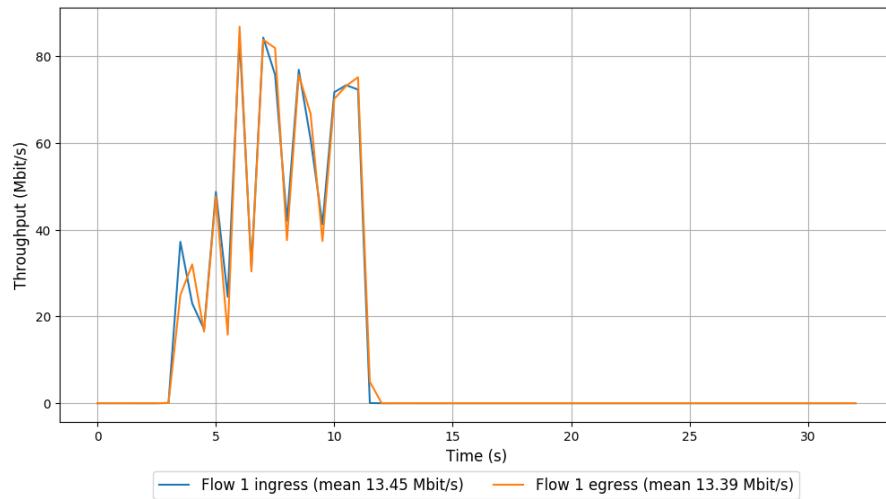


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:19:27 +0000
End at: Fri, 16 Jun 2017 01:19:57 +0000
Local clock offset: -0.42 ms
Remote clock offset: -2.045 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 58.905 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 58.905 ms
Loss rate: 0.45%
```

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

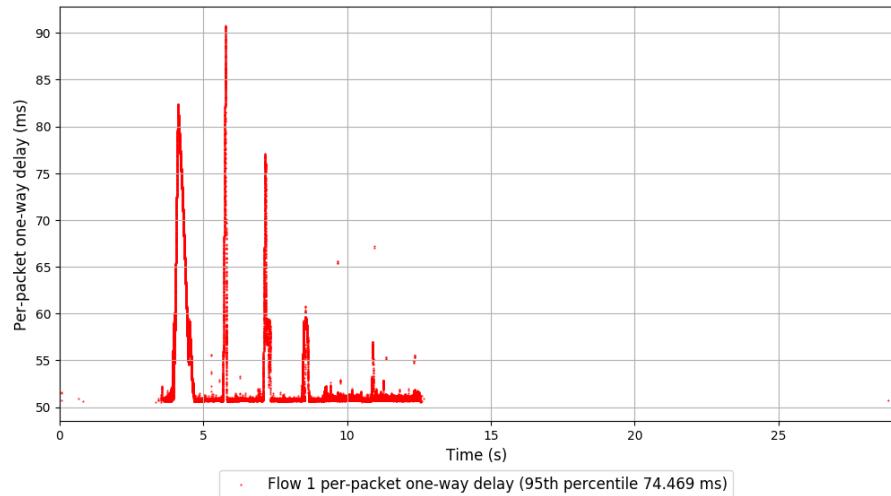
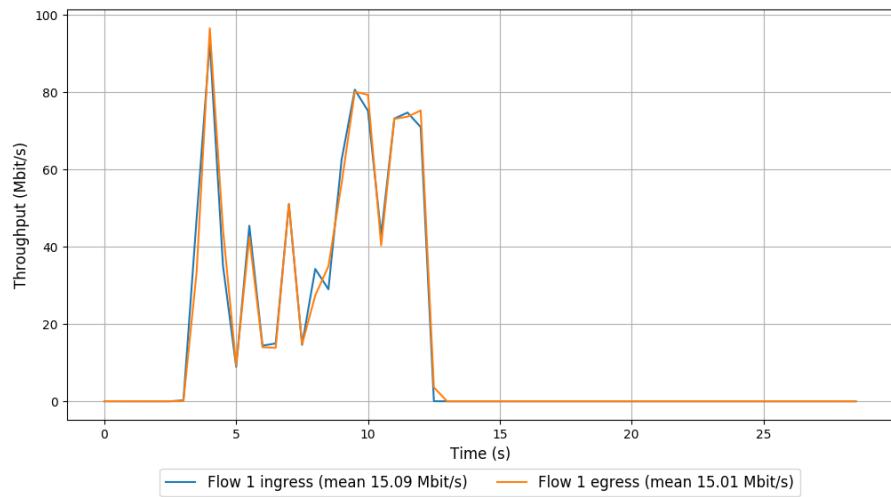


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:39:05 +0000
End at: Fri, 16 Jun 2017 01:39:35 +0000
Local clock offset: -0.079 ms
Remote clock offset: -4.167 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.01 Mbit/s
95th percentile per-packet one-way delay: 74.469 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 15.01 Mbit/s
95th percentile per-packet one-way delay: 74.469 ms
Loss rate: 0.51%
```

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

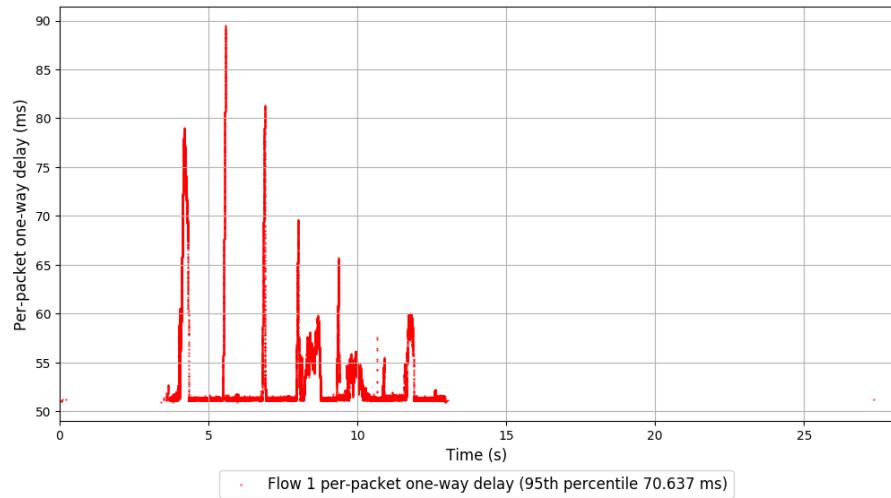
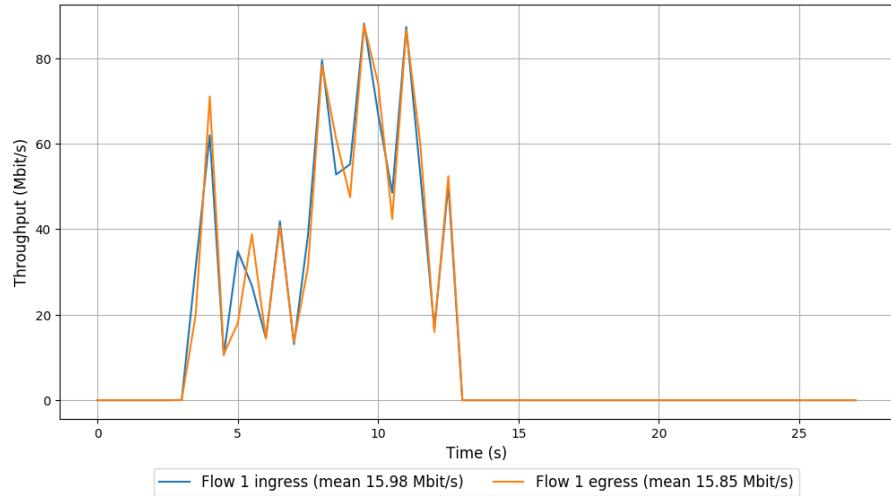


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:58:43 +0000
End at: Fri, 16 Jun 2017 01:59:13 +0000
Local clock offset: 0.403 ms
Remote clock offset: -1.702 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 70.637 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 70.637 ms
Loss rate: 0.80%
```

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



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

```
Start at: Fri, 16 Jun 2017 02:18:18 +0000
```

```
End at: Fri, 16 Jun 2017 02:18:48 +0000
```

```
Local clock offset: -0.995 ms
```

```
Remote clock offset: -2.151 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:23 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.50 Mbit/s
```

```
95th percentile per-packet one-way delay: 74.470 ms
```

```
Loss rate: 0.35%
```

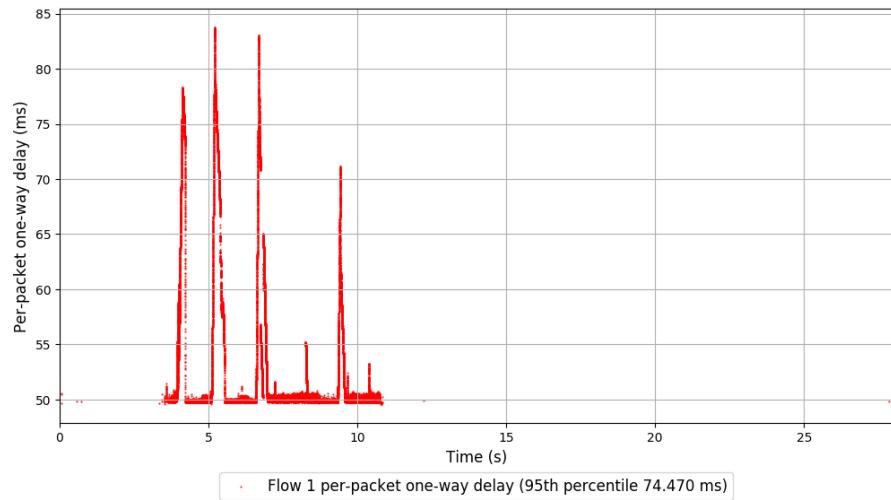
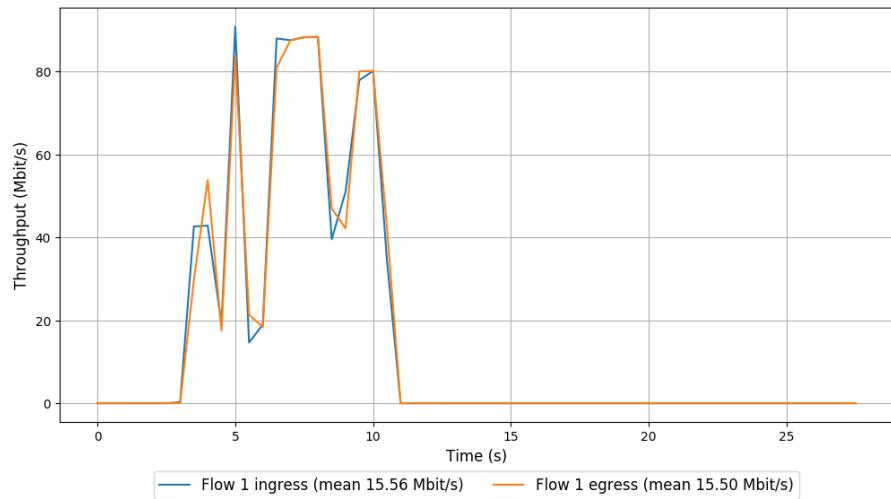
```
-- Flow 1:
```

```
Average throughput: 15.50 Mbit/s
```

```
95th percentile per-packet one-way delay: 74.470 ms
```

```
Loss rate: 0.35%
```

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

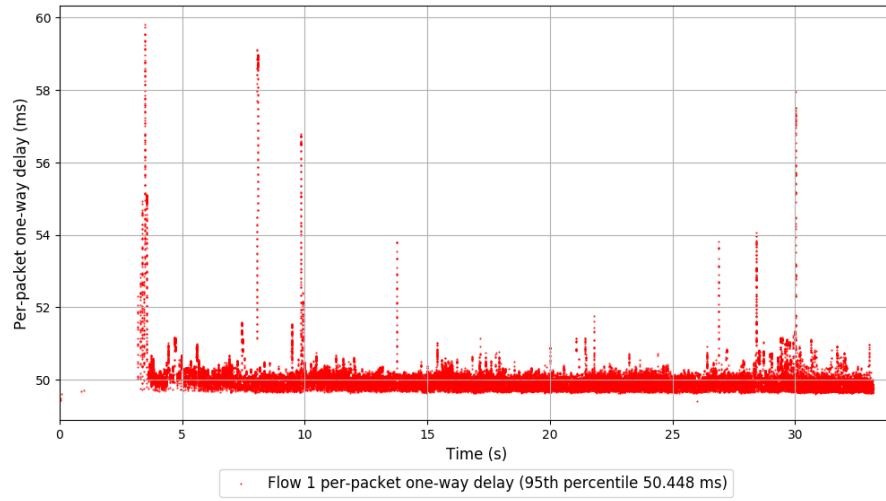
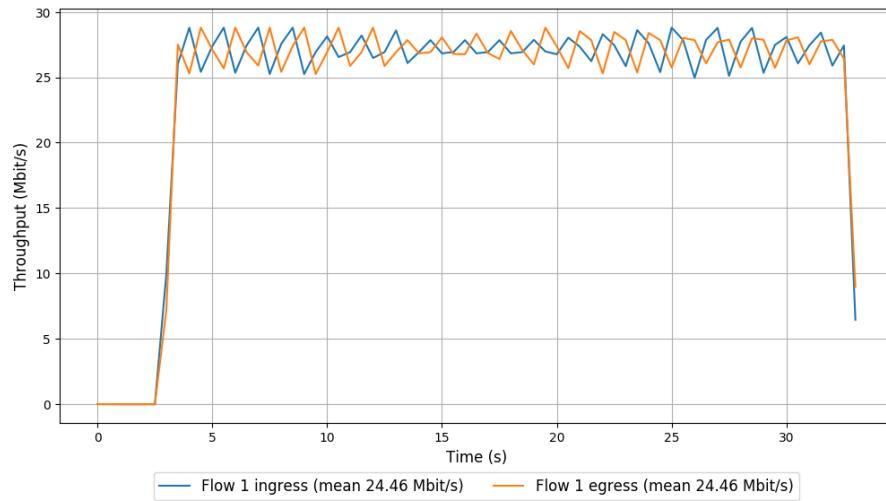


Run 1: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:26:35 +0000
End at: Thu, 15 Jun 2017 23:27:05 +0000
Local clock offset: -1.422 ms
Remote clock offset: -4.653 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 50.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 50.448 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

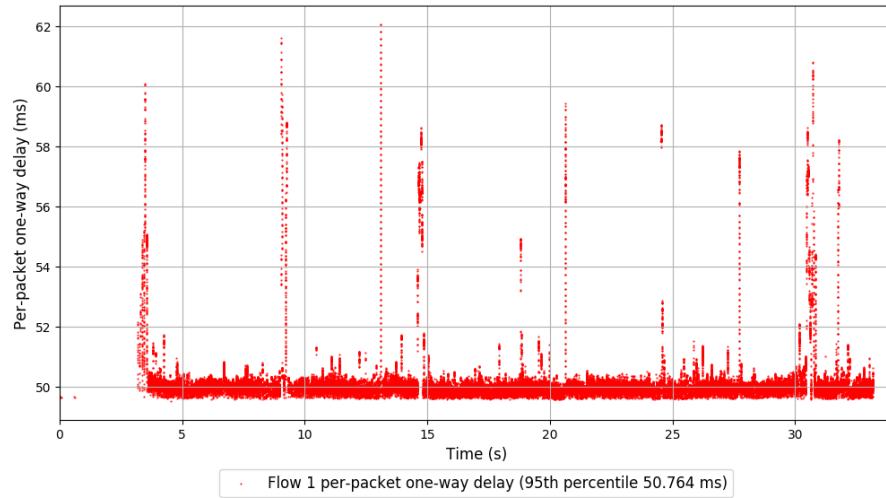
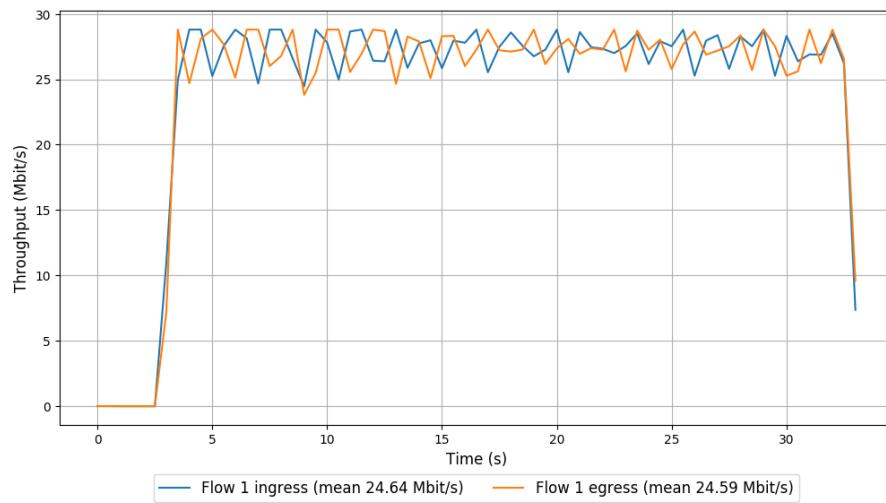


Run 2: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:46:23 +0000
End at: Thu, 15 Jun 2017 23:46:54 +0000
Local clock offset: -1.434 ms
Remote clock offset: -4.553 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 50.764 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 50.764 ms
Loss rate: 0.21%
```

Run 2: Report of Saturator — Data Link

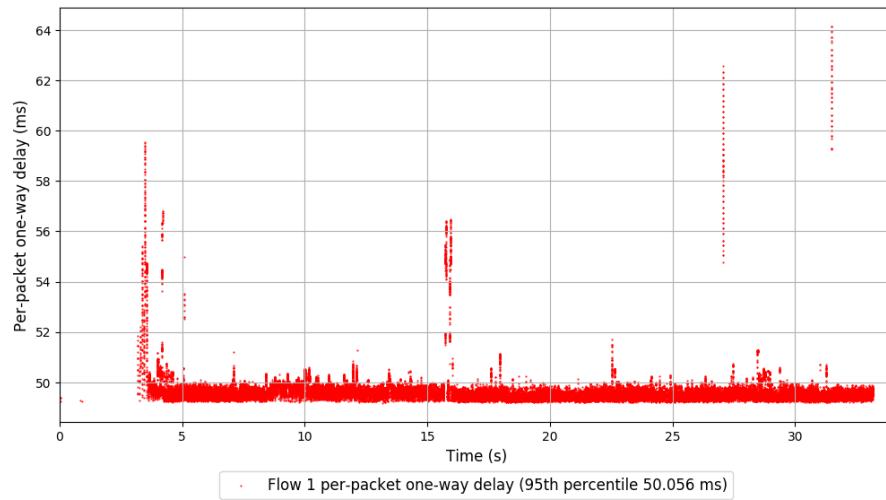
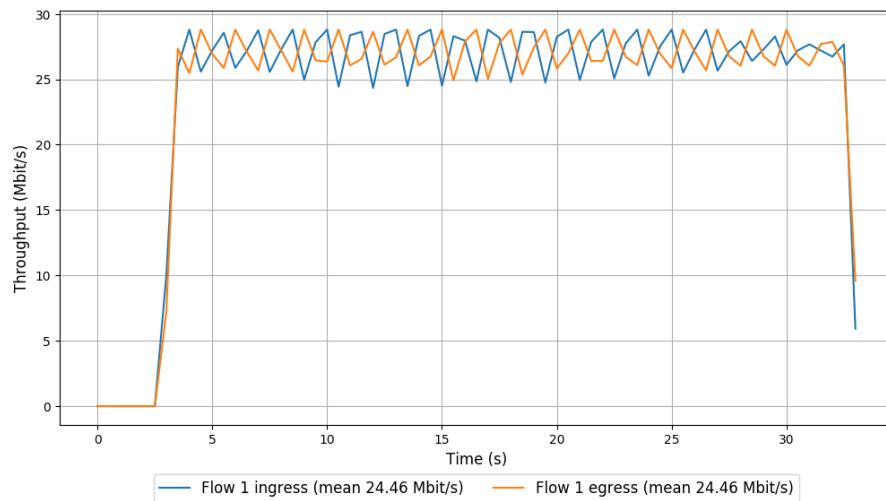


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:06:05 +0000
End at: Fri, 16 Jun 2017 00:06:35 +0000
Local clock offset: -1.59 ms
Remote clock offset: -2.181 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 50.056 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 50.056 ms
Loss rate: 0.01%
```

Run 3: Report of Saturator — Data Link

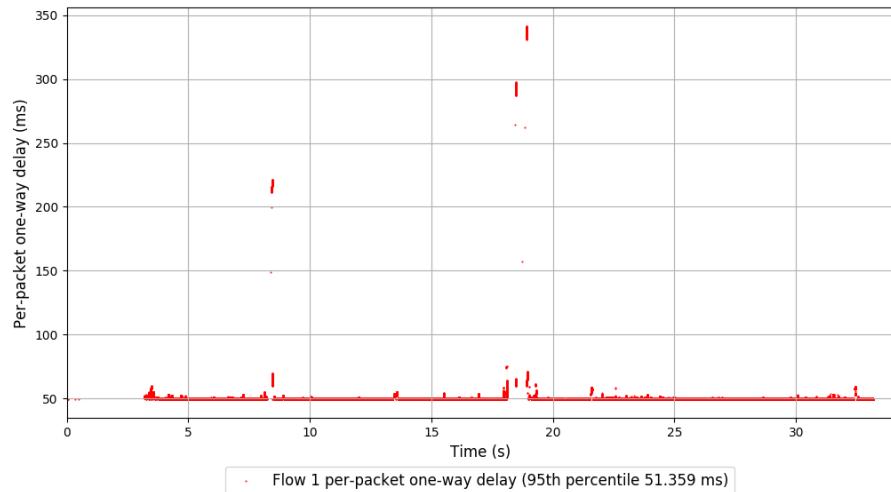
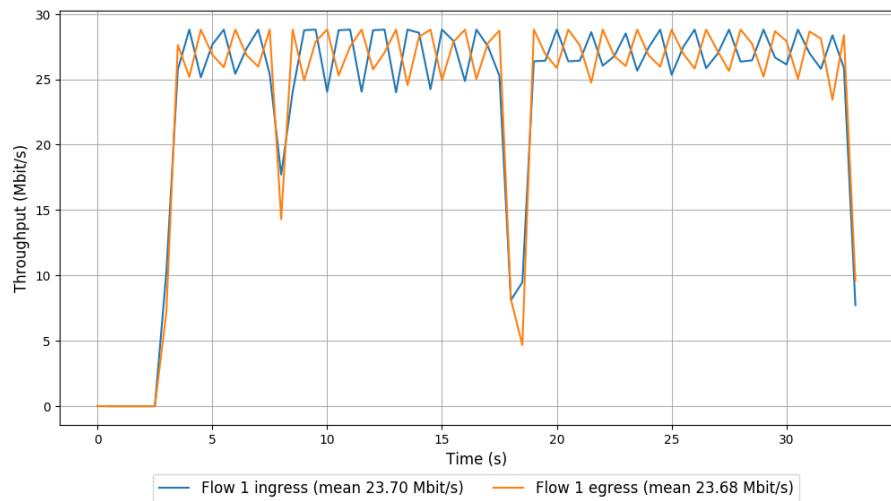


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:25:42 +0000
End at: Fri, 16 Jun 2017 00:26:12 +0000
Local clock offset: -1.408 ms
Remote clock offset: -4.36 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 51.359 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 51.359 ms
Loss rate: 0.10%
```

Run 4: Report of Saturator — Data Link

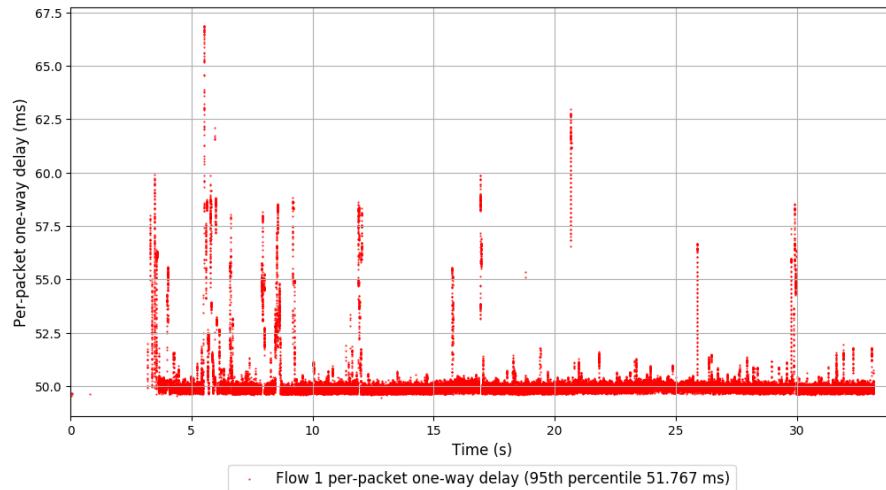
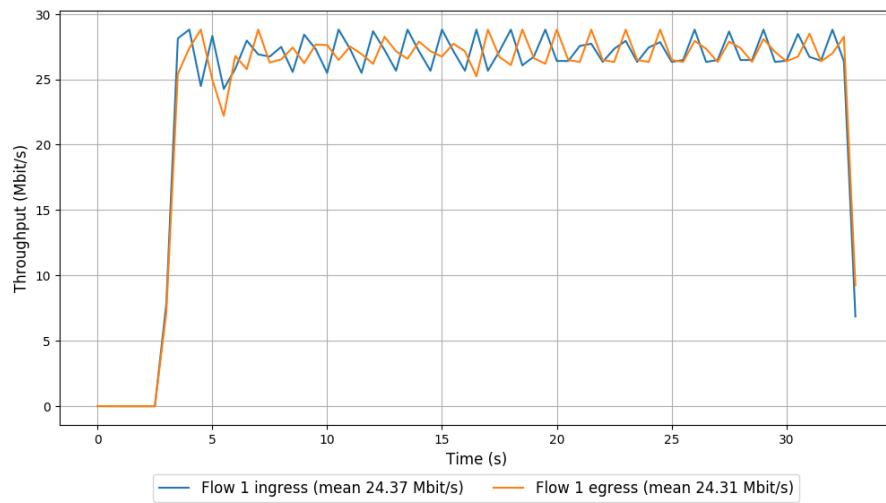


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:45:23 +0000
End at: Fri, 16 Jun 2017 00:45:53 +0000
Local clock offset: -1.203 ms
Remote clock offset: -4.649 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 51.767 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 51.767 ms
Loss rate: 0.25%
```

Run 5: Report of Saturator — Data Link

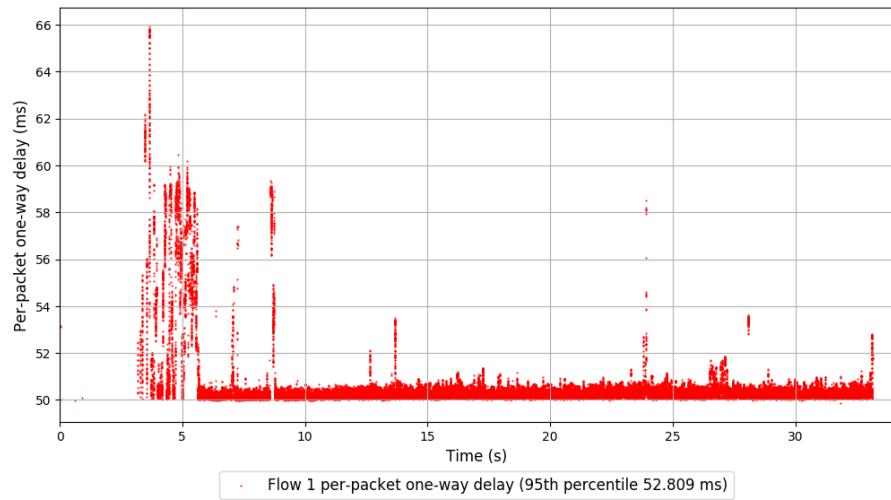
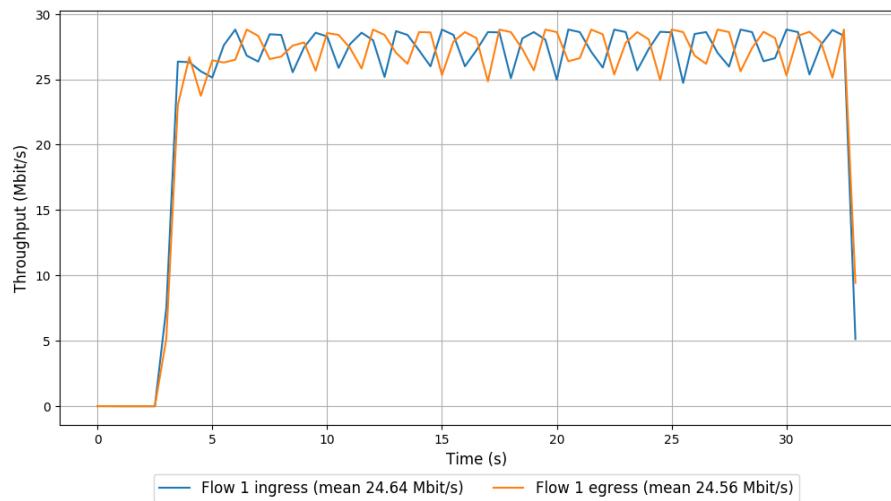


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:05:05 +0000
End at: Fri, 16 Jun 2017 01:05:35 +0000
Local clock offset: -0.698 ms
Remote clock offset: -2.226 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 52.809 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 52.809 ms
Loss rate: 0.32%
```

Run 6: Report of Saturator — Data Link

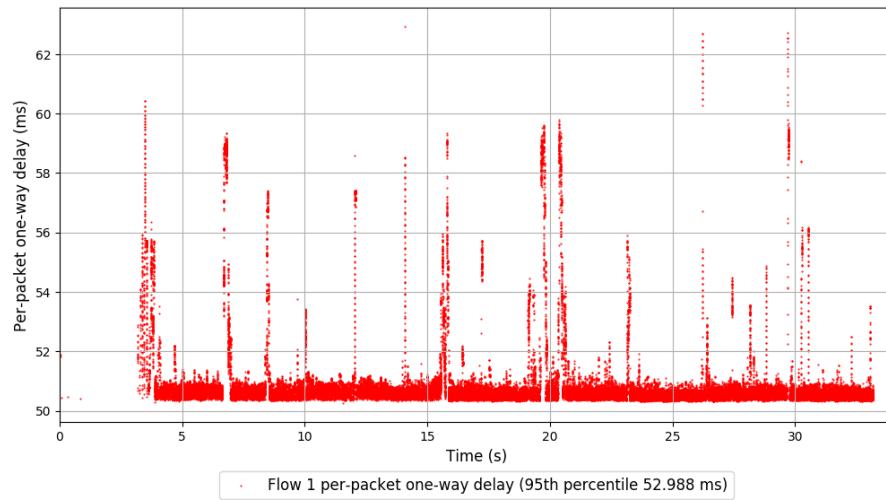
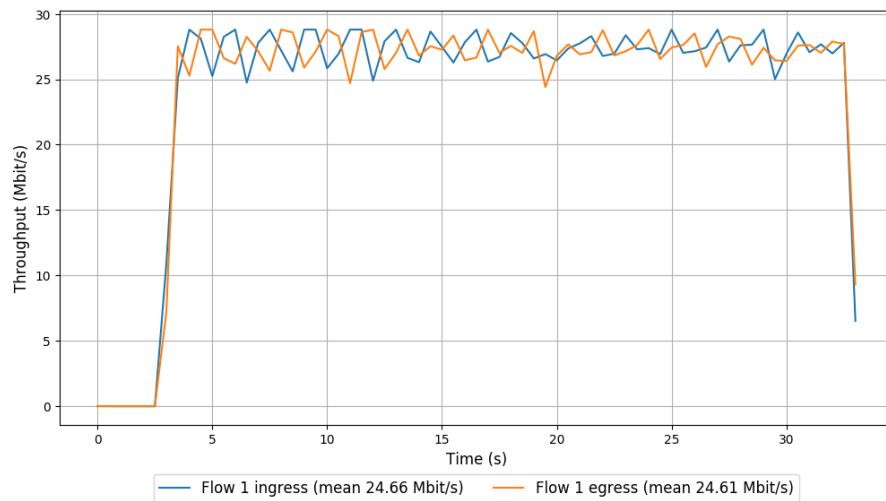


Run 7: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:24:44 +0000
End at: Fri, 16 Jun 2017 01:25:14 +0000
Local clock offset: -0.358 ms
Remote clock offset: -2.199 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 52.988 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 52.988 ms
Loss rate: 0.20%
```

Run 7: Report of Saturator — Data Link

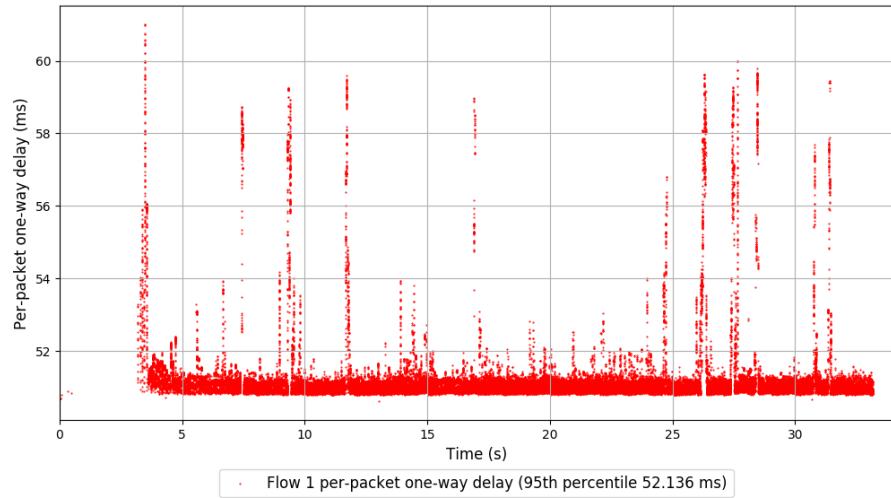
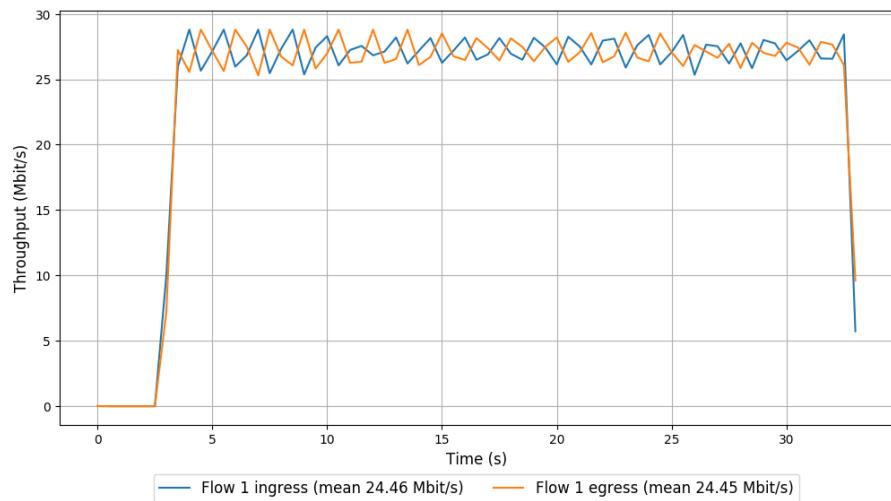


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:44:21 +0000
End at: Fri, 16 Jun 2017 01:44:51 +0000
Local clock offset: 0.131 ms
Remote clock offset: -1.763 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 52.136 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 52.136 ms
Loss rate: 0.02%
```

Run 8: Report of Saturator — Data Link

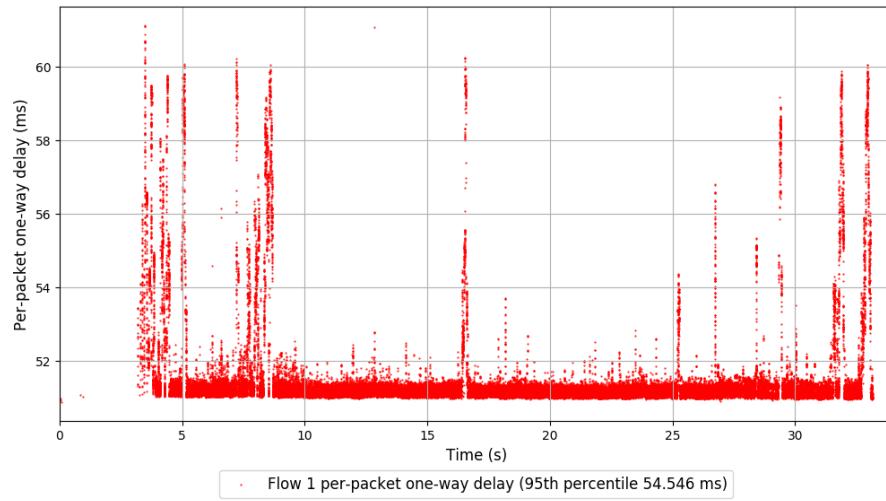
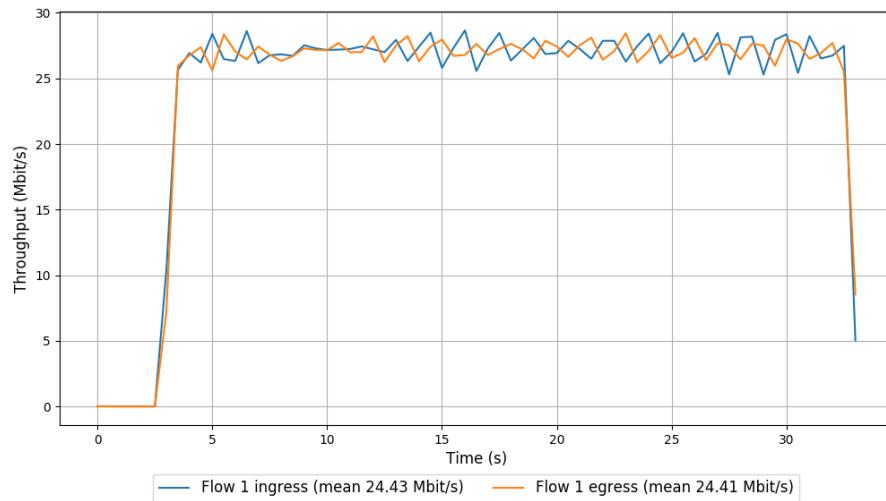


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:03:59 +0000
End at: Fri, 16 Jun 2017 02:04:29 +0000
Local clock offset: 0.22 ms
Remote clock offset: -4.662 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 0.07%
```

Run 9: Report of Saturator — Data Link

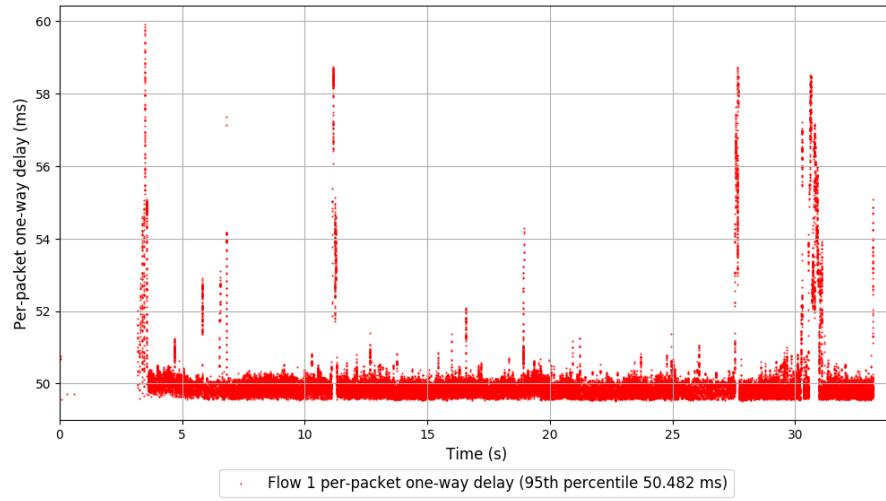
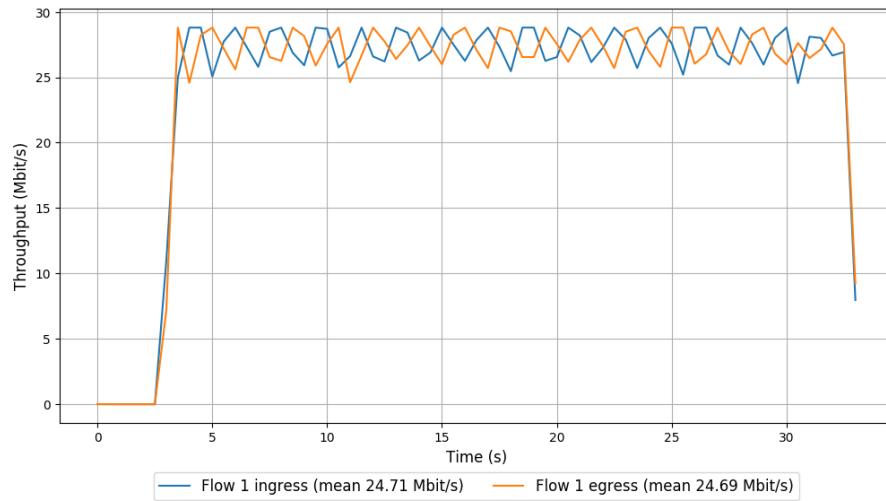


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:23:34 +0000
End at: Fri, 16 Jun 2017 02:24:04 +0000
Local clock offset: -1.304 ms
Remote clock offset: -2.678 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 50.482 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 50.482 ms
Loss rate: 0.08%
```

Run 10: Report of Saturator — Data Link

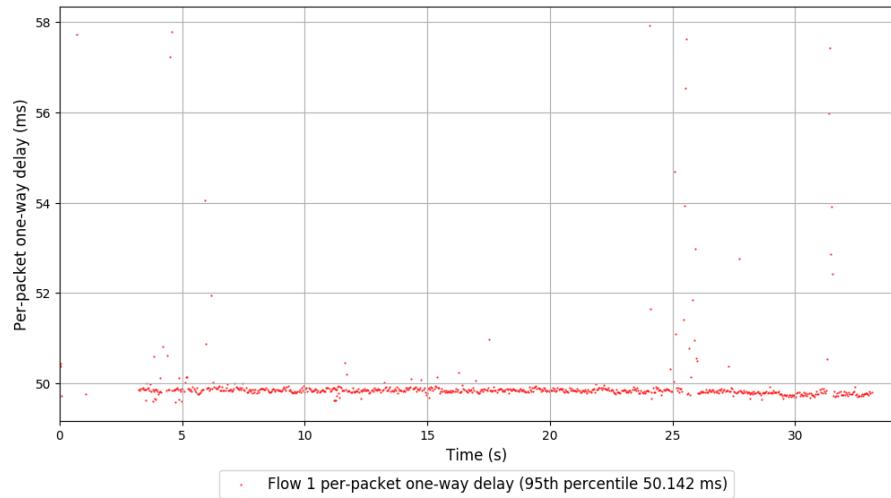
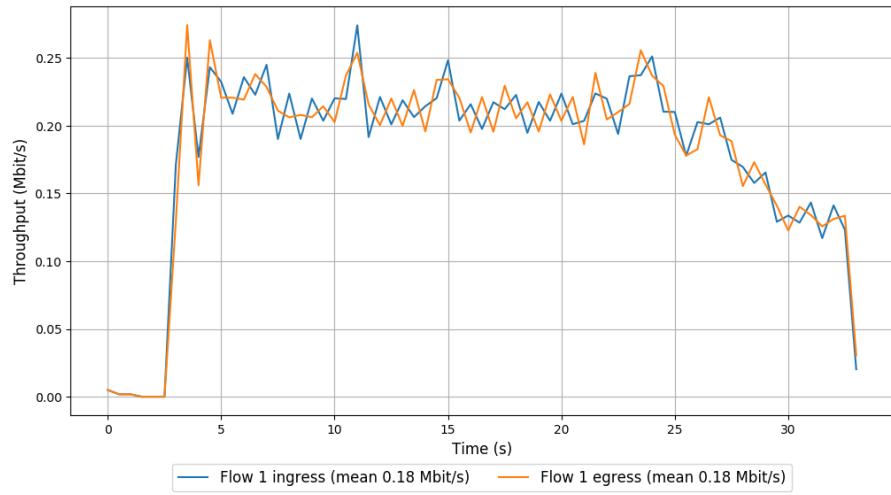


Run 1: Statistics of SCReAM

```
Start at: Thu, 15 Jun 2017 23:30:27 +0000
End at: Thu, 15 Jun 2017 23:30:57 +0000
Local clock offset: -1.424 ms
Remote clock offset: -4.584 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 50.142 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 50.142 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

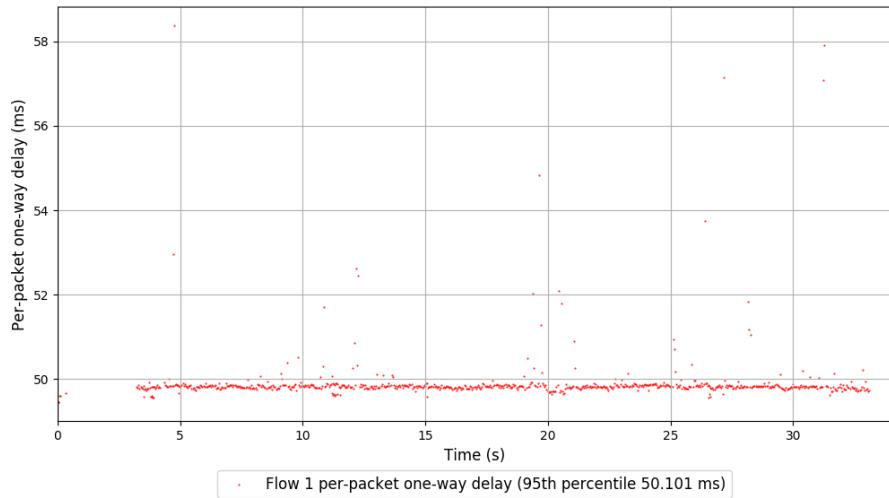
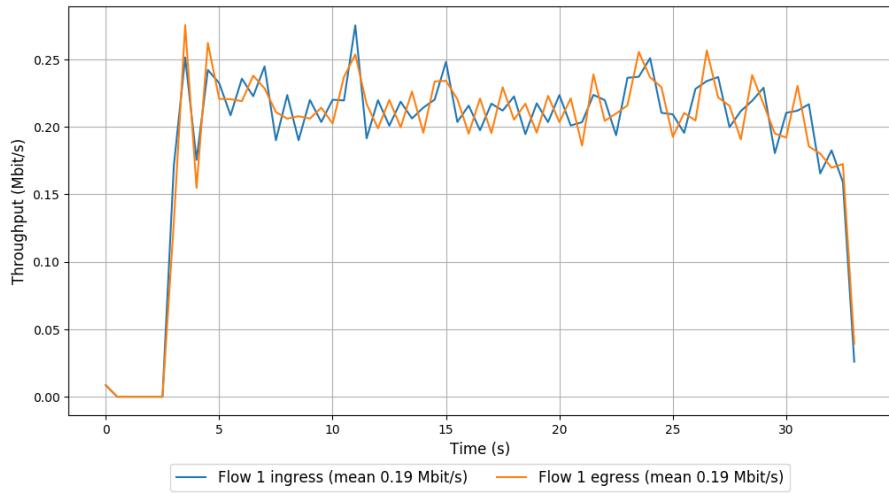


Run 2: Statistics of SCReAM

```
Start at: Thu, 15 Jun 2017 23:50:17 +0000
End at: Thu, 15 Jun 2017 23:50:47 +0000
Local clock offset: -1.439 ms
Remote clock offset: -2.337 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 50.101 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 50.101 ms
Loss rate: 0.15%
```

Run 2: Report of SCReAM — Data Link

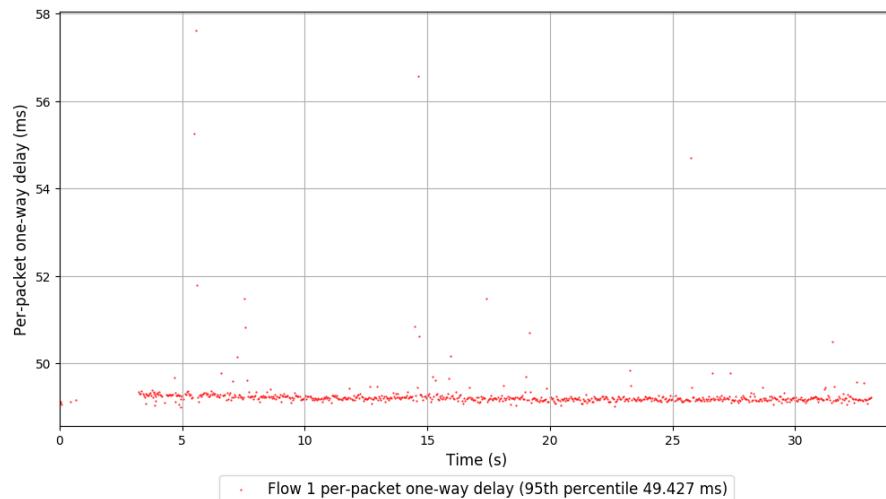
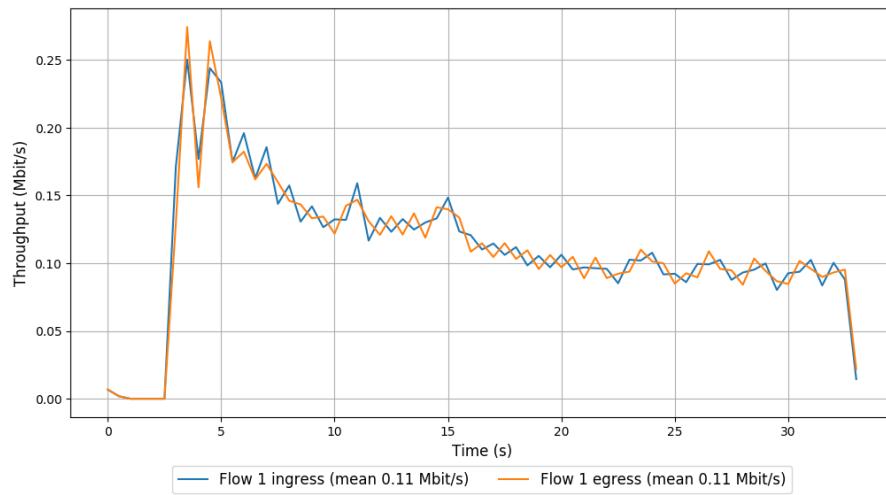


Run 3: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:09:58 +0000
End at: Fri, 16 Jun 2017 00:10:28 +0000
Local clock offset: -1.84 ms
Remote clock offset: -2.708 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 49.427 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 49.427 ms
Loss rate: 0.54%
```

Run 3: Report of SCReAM — Data Link

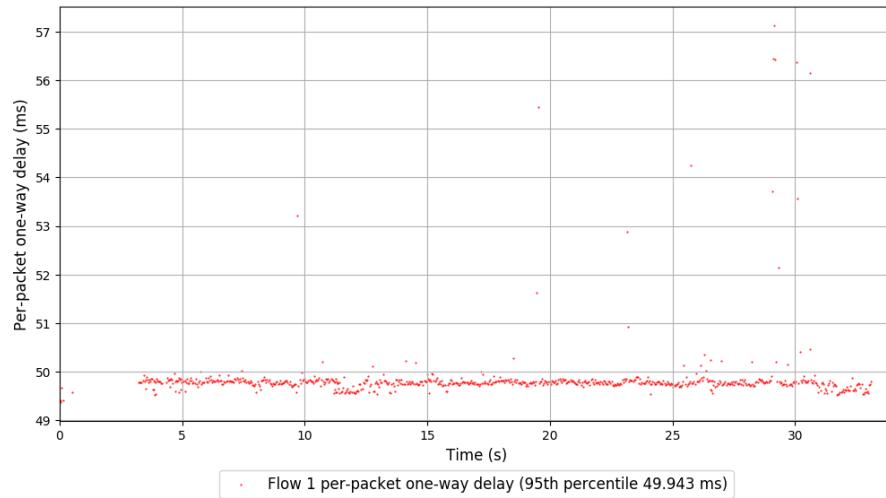
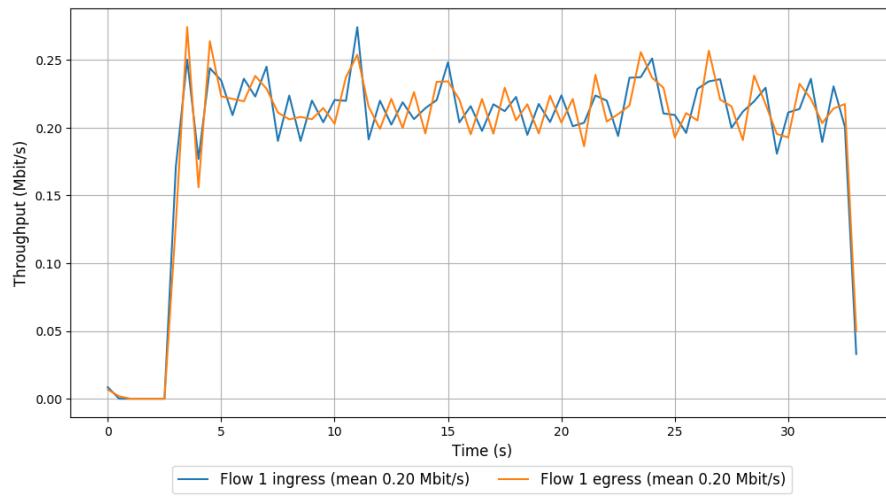


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:29:34 +0000
End at: Fri, 16 Jun 2017 00:30:04 +0000
Local clock offset: -1.254 ms
Remote clock offset: -2.172 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.943 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

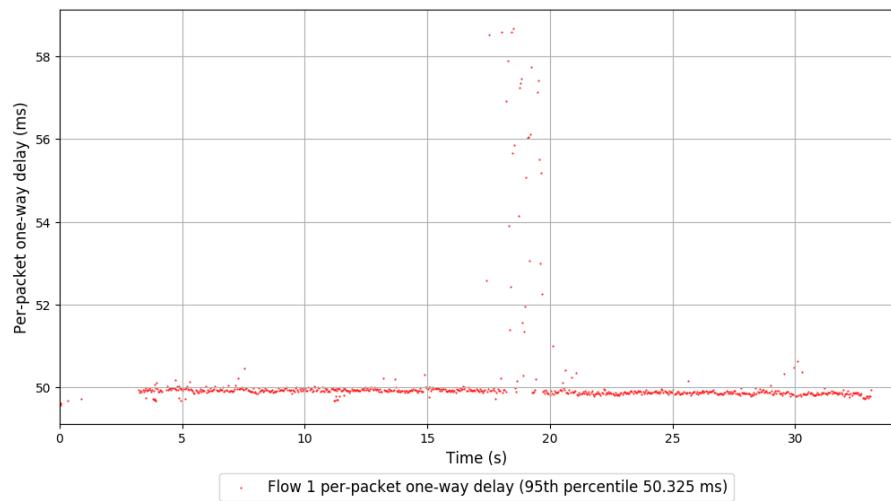
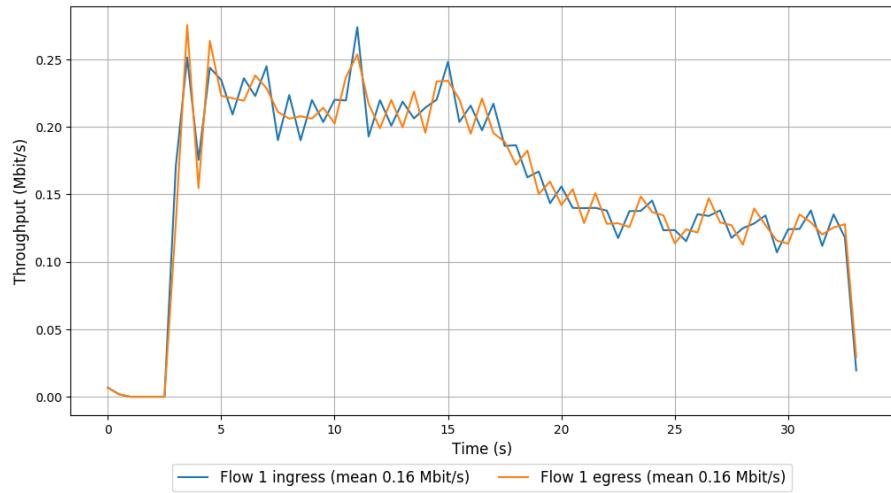


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:49:18 +0000
End at: Fri, 16 Jun 2017 00:49:48 +0000
Local clock offset: -1.086 ms
Remote clock offset: -2.18 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 50.325 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 50.325 ms
Loss rate: 0.16%
```

Run 5: Report of SCReAM — Data Link

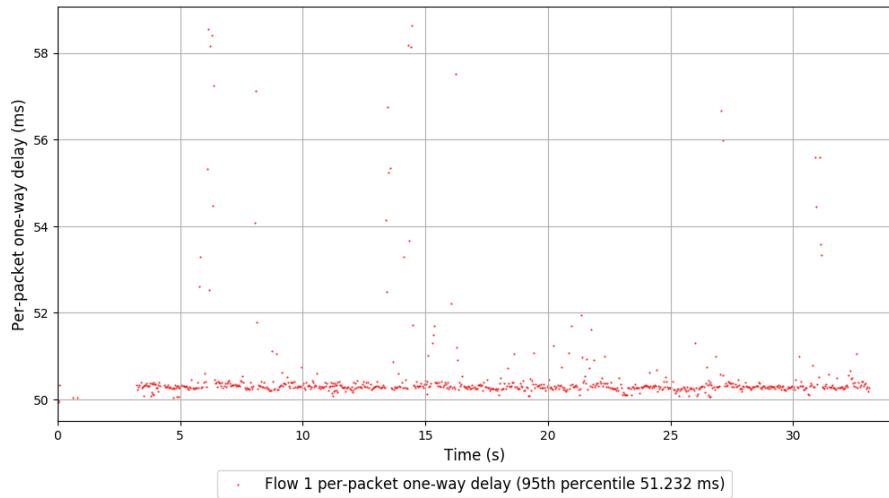
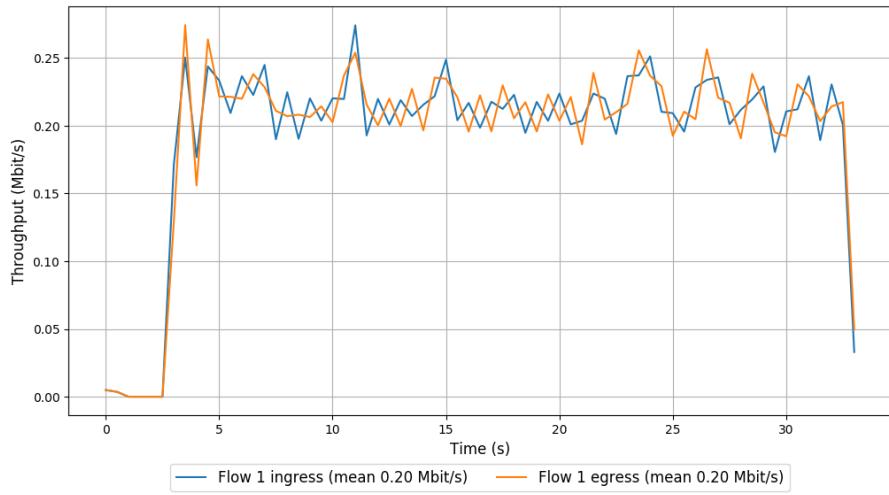


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:08:58 +0000
End at: Fri, 16 Jun 2017 01:09:28 +0000
Local clock offset: -0.724 ms
Remote clock offset: -4.601 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.232 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

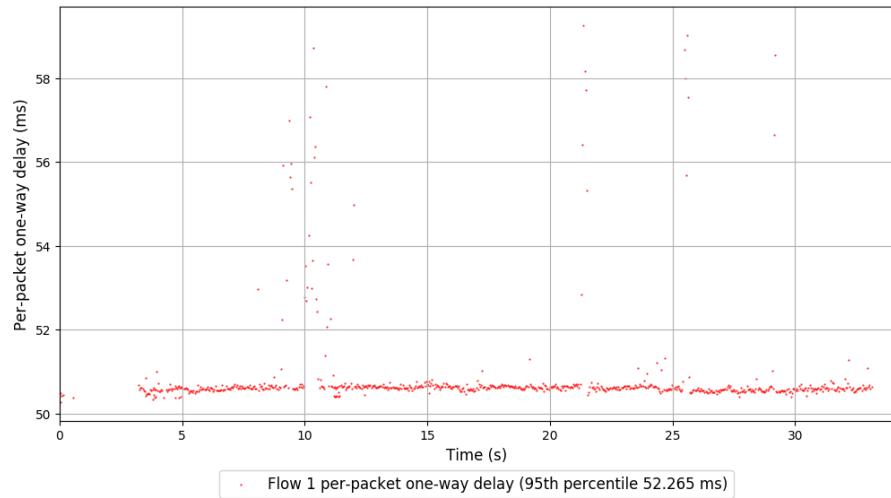
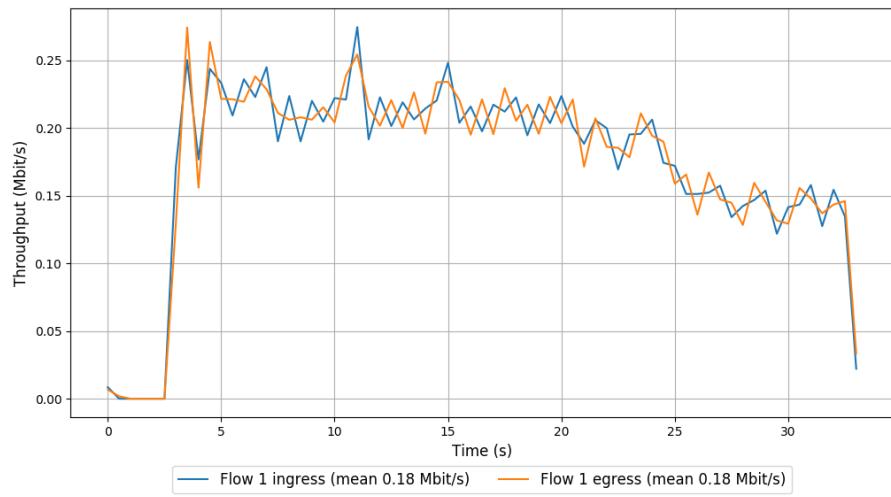


Run 7: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:28:37 +0000
End at: Fri, 16 Jun 2017 01:29:07 +0000
Local clock offset: -0.254 ms
Remote clock offset: -1.656 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 52.265 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 52.265 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

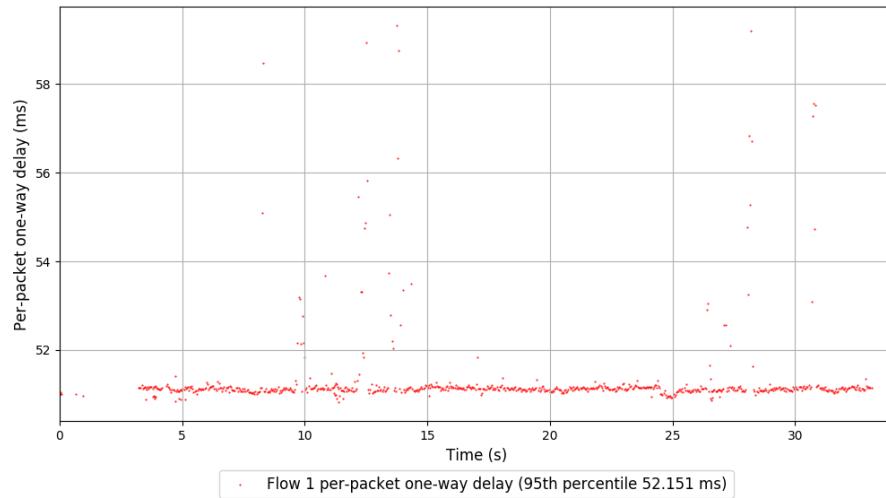
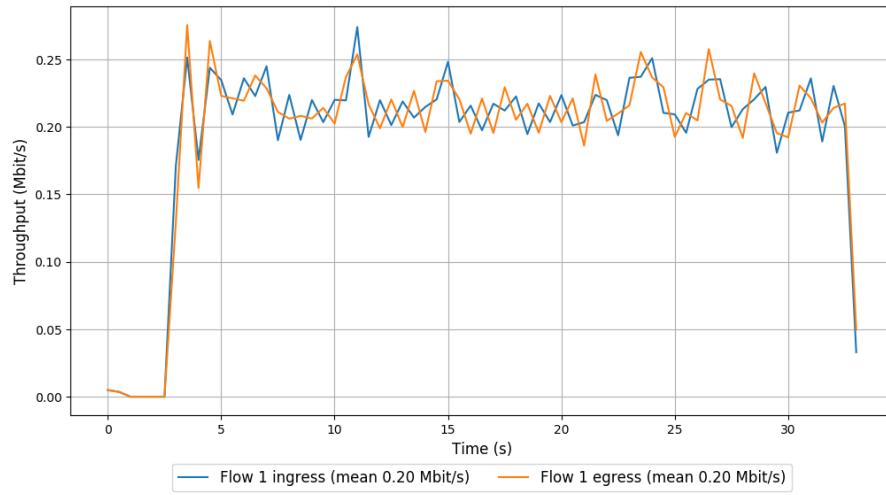


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:48:14 +0000
End at: Fri, 16 Jun 2017 01:48:44 +0000
Local clock offset: 0.208 ms
Remote clock offset: -2.477 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.151 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

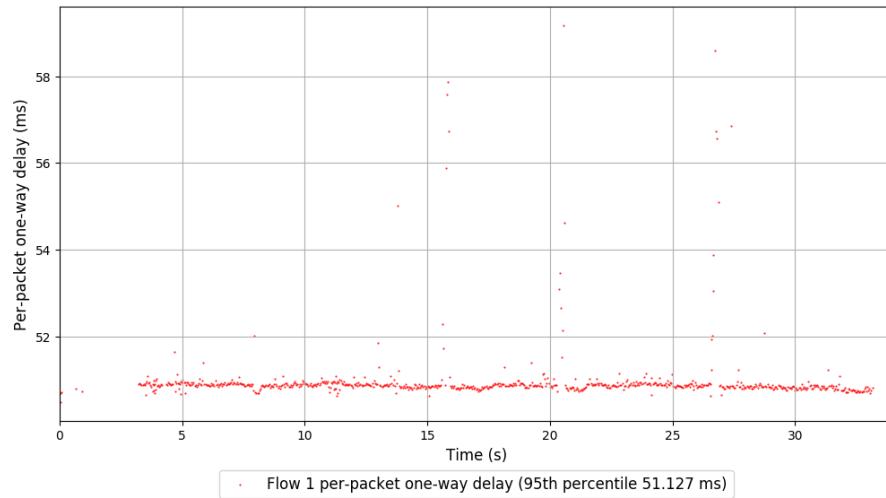
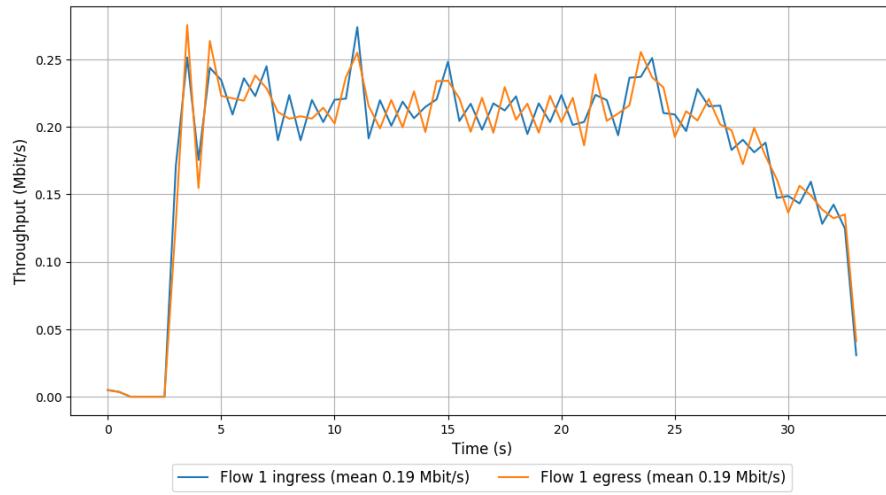


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:07:51 +0000
End at: Fri, 16 Jun 2017 02:08:21 +0000
Local clock offset: -0.03 ms
Remote clock offset: -4.589 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 51.127 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 51.127 ms
Loss rate: 0.15%
```

Run 9: Report of SCReAM — Data Link

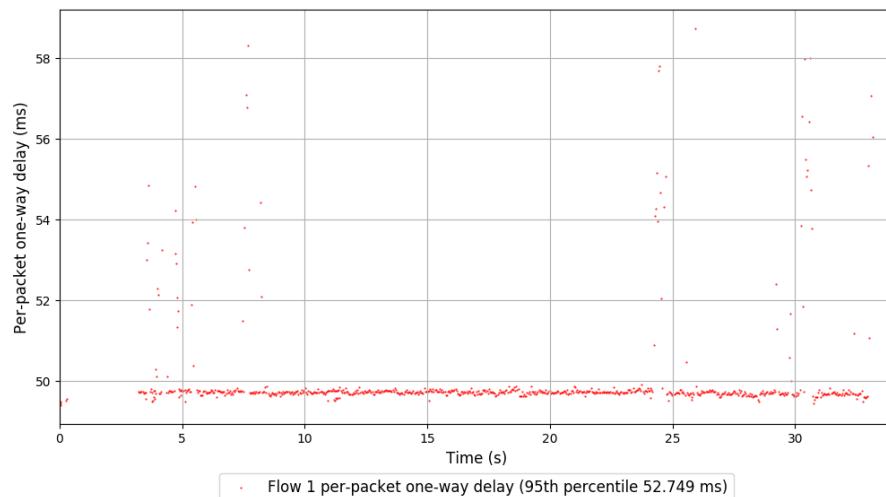
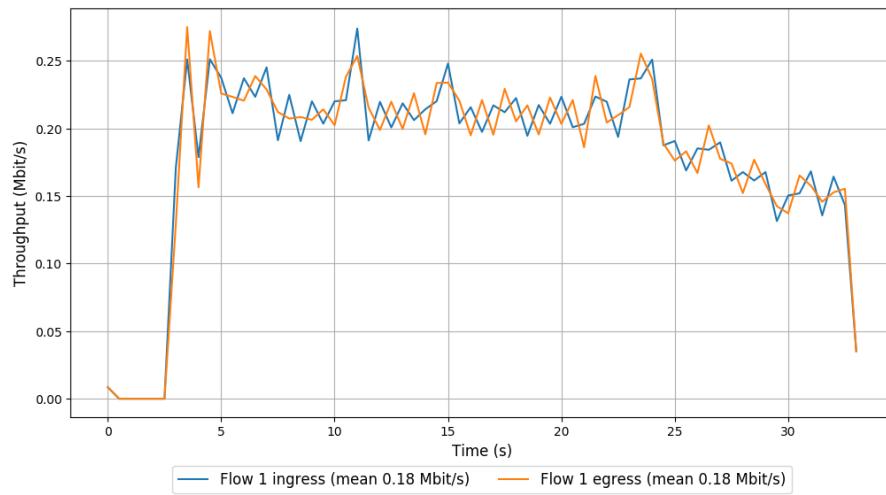


Run 10: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:27:25 +0000
End at: Fri, 16 Jun 2017 02:27:55 +0000
Local clock offset: -1.303 ms
Remote clock offset: -2.344 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 52.749 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 52.749 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

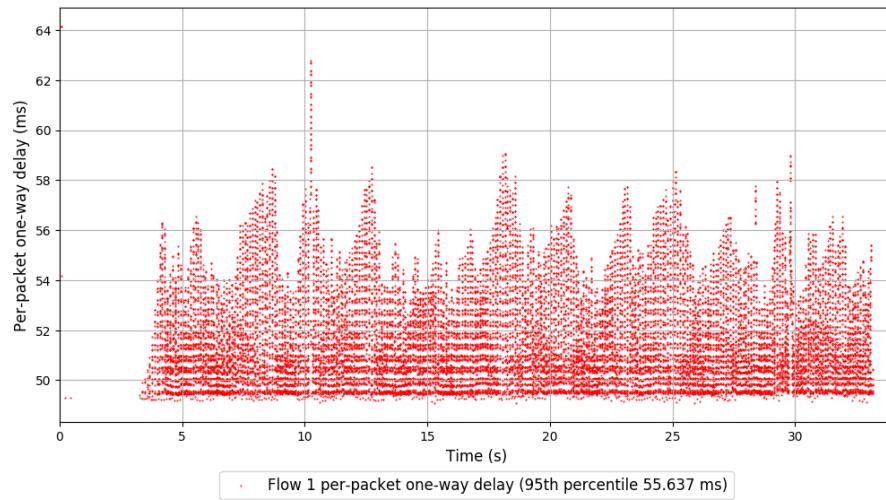
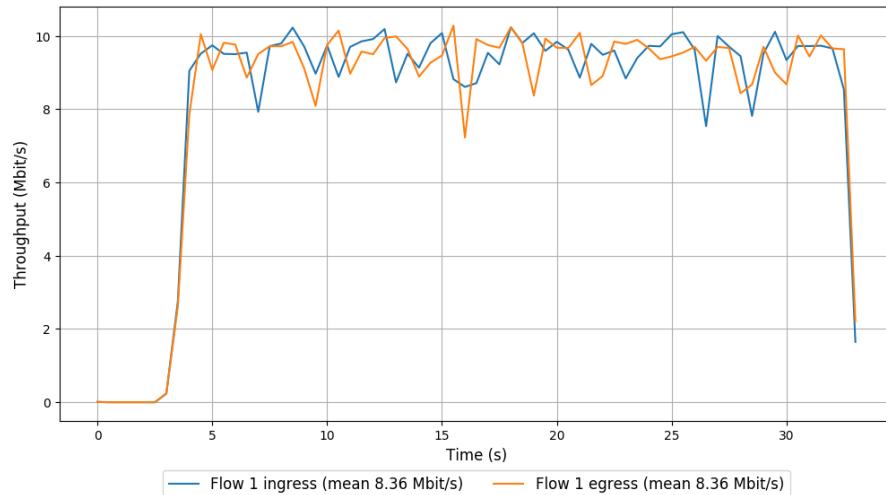


Run 1: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:12:05 +0000
End at: Thu, 15 Jun 2017 23:12:35 +0000
Local clock offset: -1.957 ms
Remote clock offset: -2.514 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.36 Mbit/s
95th percentile per-packet one-way delay: 55.637 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 8.36 Mbit/s
95th percentile per-packet one-way delay: 55.637 ms
Loss rate: 0.10%
```

Run 1: Report of Sprout — Data Link

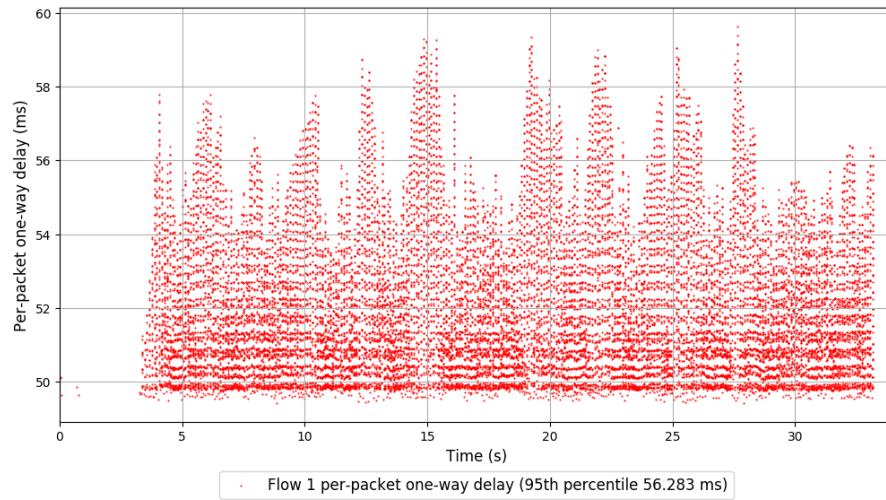
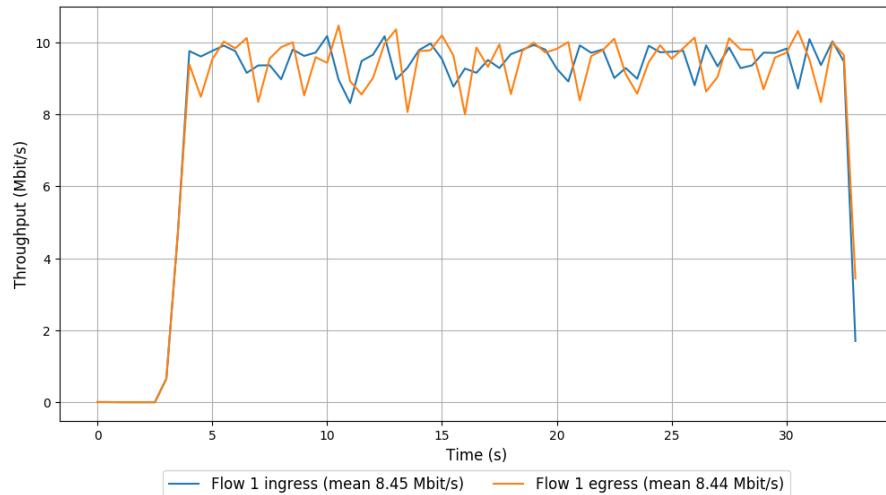


Run 2: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:31:43 +0000
End at: Thu, 15 Jun 2017 23:32:13 +0000
Local clock offset: -1.444 ms
Remote clock offset: -4.863 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 56.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 56.283 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

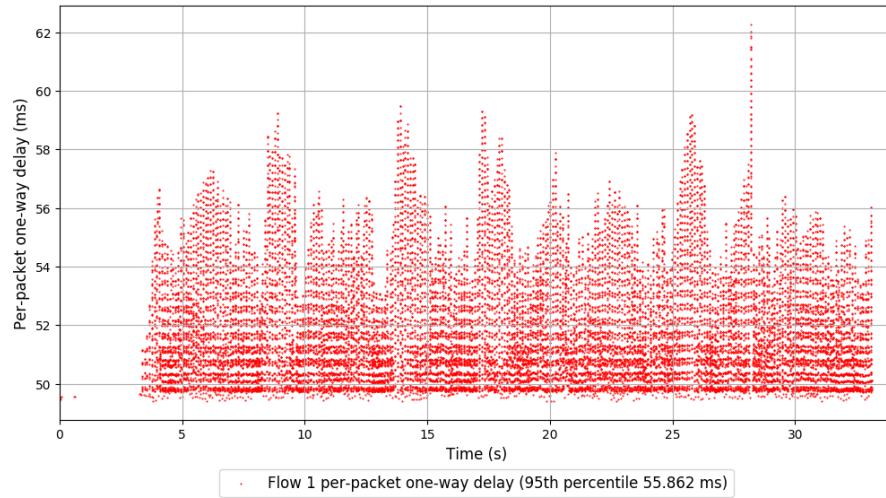
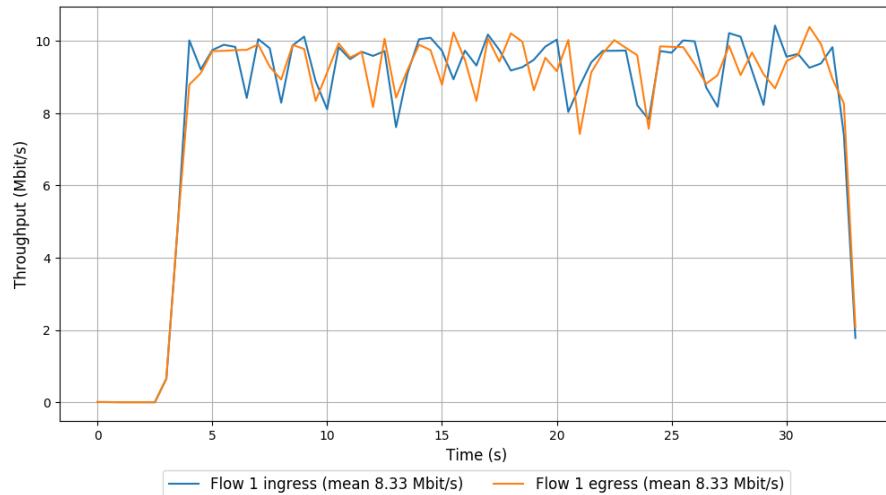


Run 3: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:51:33 +0000
End at: Thu, 15 Jun 2017 23:52:03 +0000
Local clock offset: -1.344 ms
Remote clock offset: -1.846 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.33 Mbit/s
95th percentile per-packet one-way delay: 55.862 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.33 Mbit/s
95th percentile per-packet one-way delay: 55.862 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

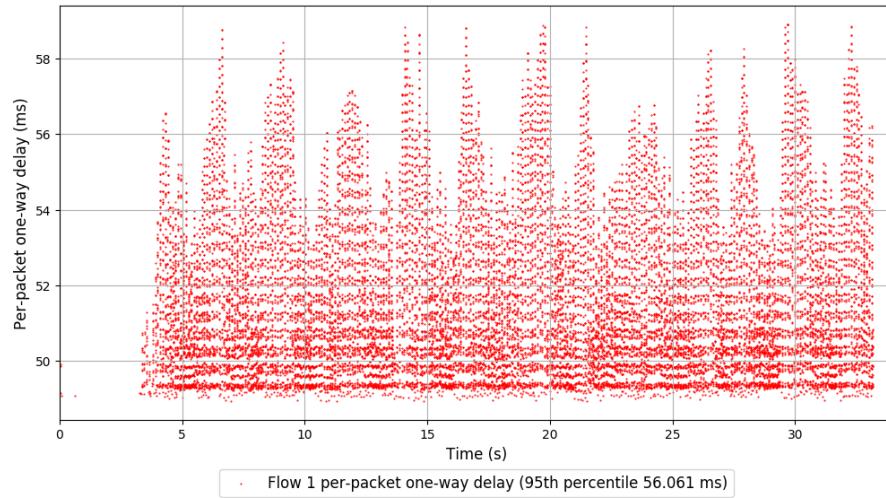
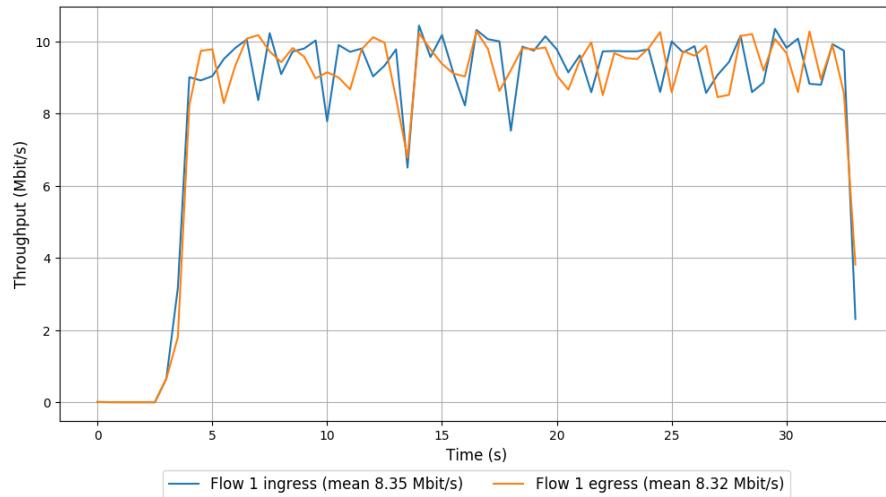


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:11:14 +0000
End at: Fri, 16 Jun 2017 00:11:44 +0000
Local clock offset: -1.816 ms
Remote clock offset: -4.77 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 56.061 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 56.061 ms
Loss rate: 0.35%
```

Run 4: Report of Sprout — Data Link

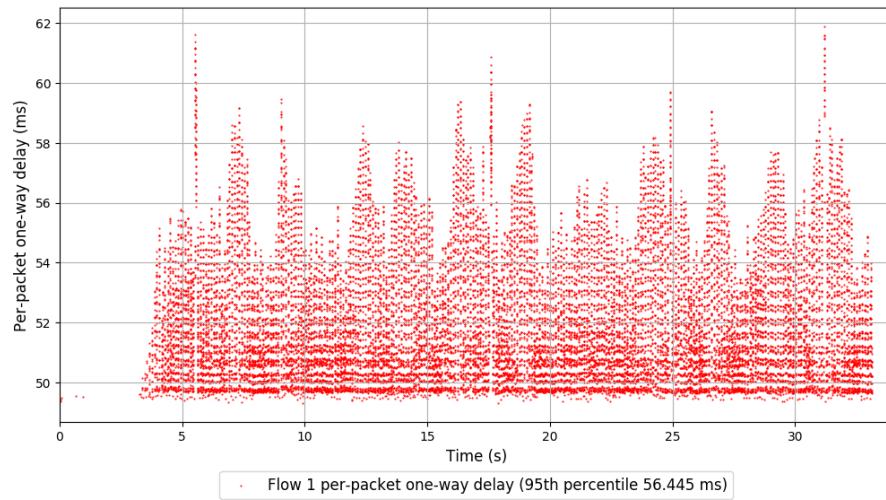
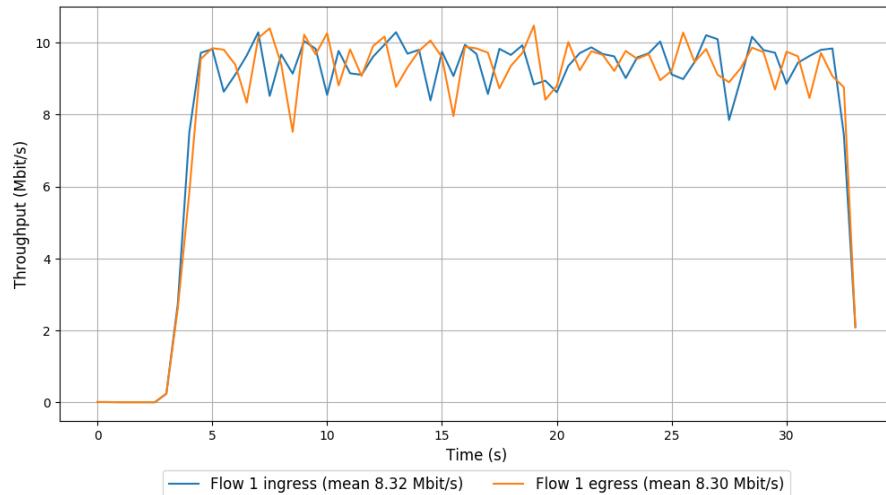


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:30:50 +0000
End at: Fri, 16 Jun 2017 00:31:20 +0000
Local clock offset: -1.297 ms
Remote clock offset: -4.282 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 56.445 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 56.445 ms
Loss rate: 0.18%
```

Run 5: Report of Sprout — Data Link

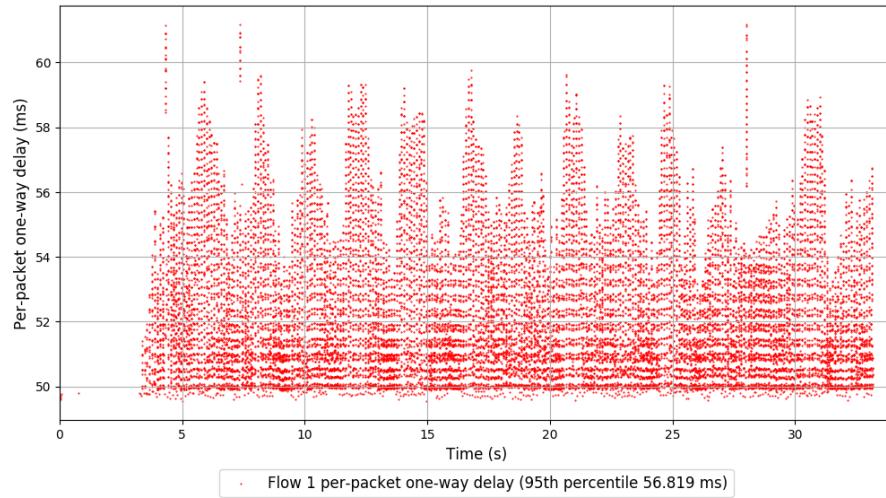
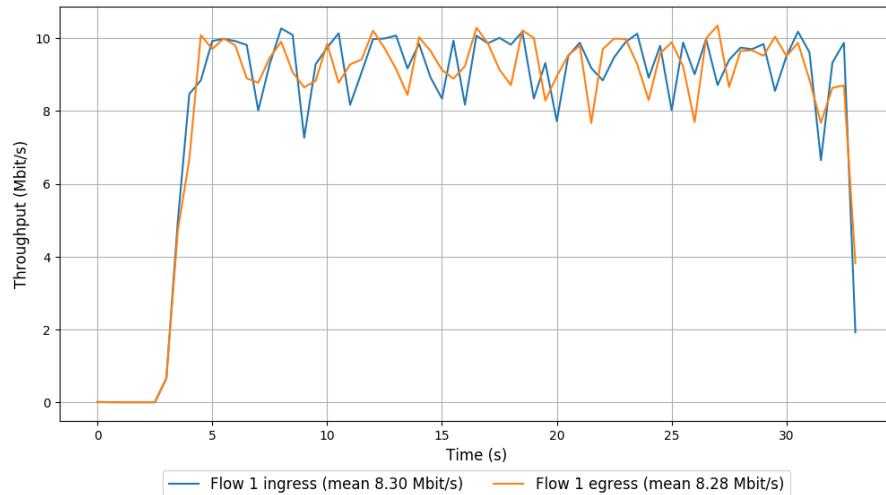


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:50:34 +0000
End at: Fri, 16 Jun 2017 00:51:04 +0000
Local clock offset: -1.026 ms
Remote clock offset: -4.324 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:29:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 56.819 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 56.819 ms
Loss rate: 0.20%
```

Run 6: Report of Sprout — Data Link

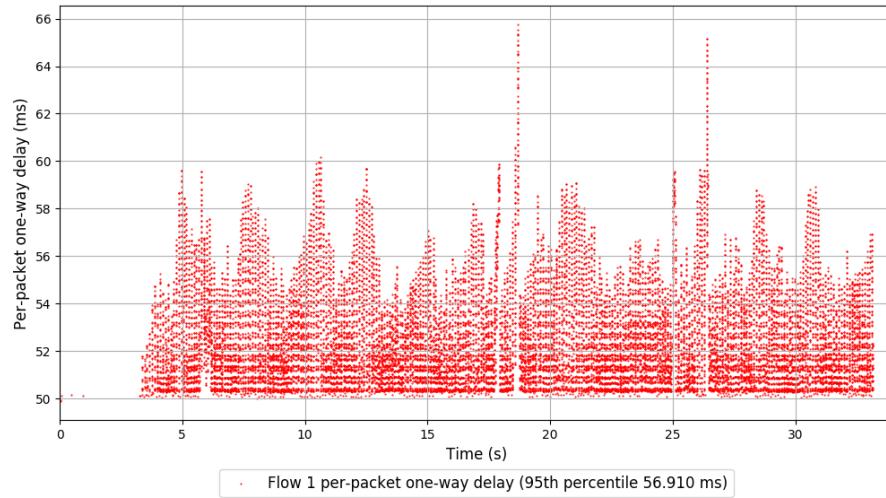
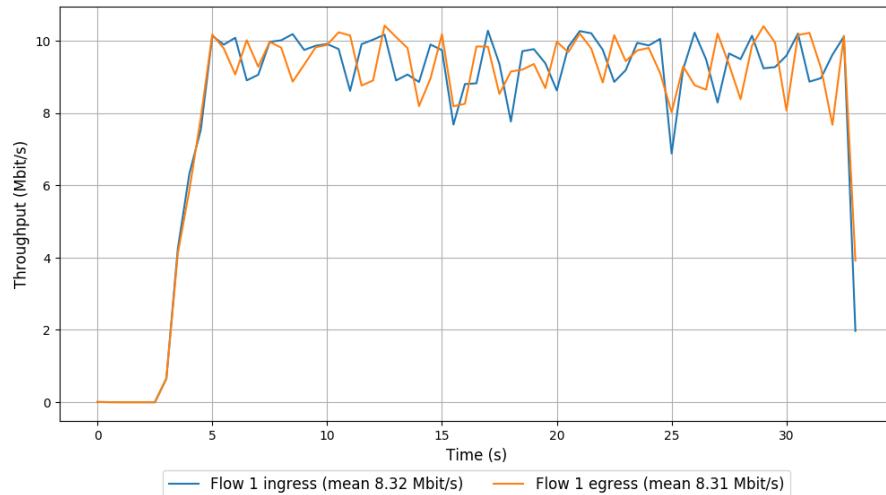


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:10:13 +0000
End at: Fri, 16 Jun 2017 01:10:43 +0000
Local clock offset: -0.667 ms
Remote clock offset: -4.244 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 56.910 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 56.910 ms
Loss rate: 0.10%
```

Run 7: Report of Sprout — Data Link

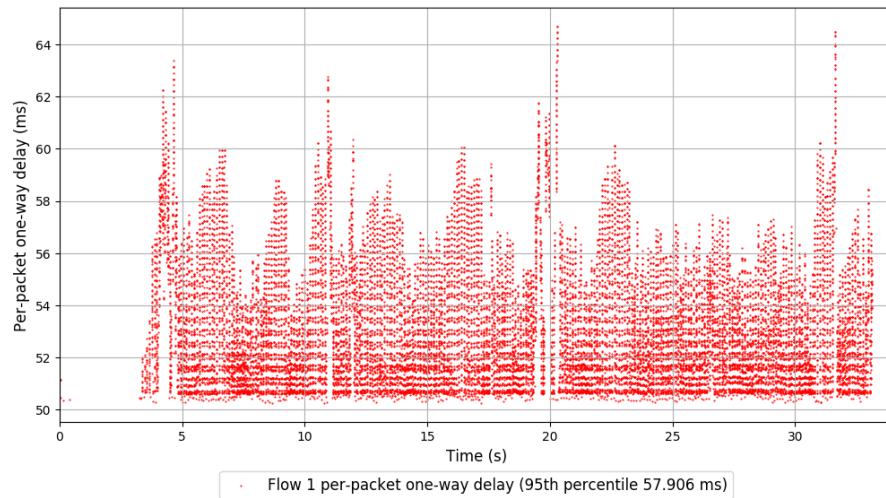
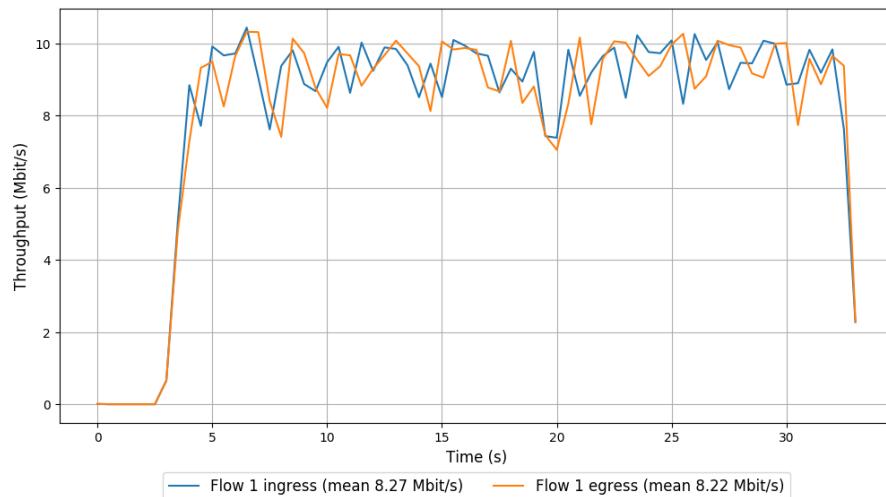


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:29:53 +0000
End at: Fri, 16 Jun 2017 01:30:23 +0000
Local clock offset: -0.218 ms
Remote clock offset: -4.194 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 57.906 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 57.906 ms
Loss rate: 0.61%
```

Run 8: Report of Sprout — Data Link

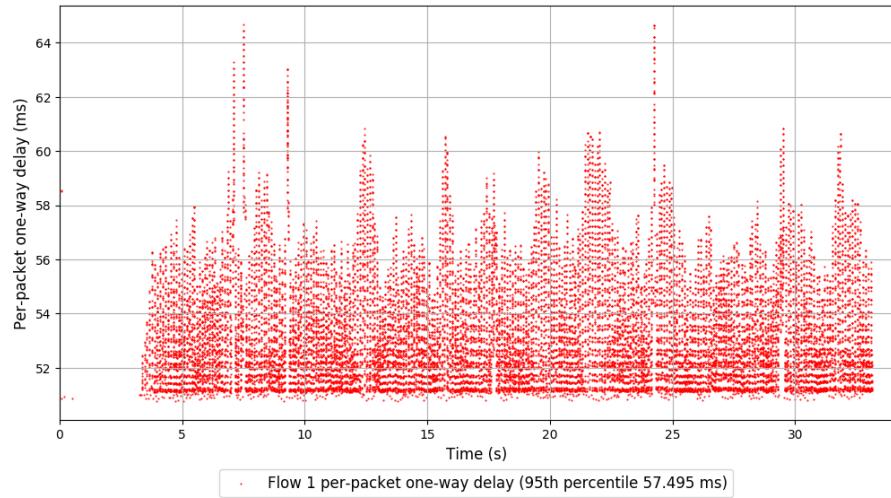
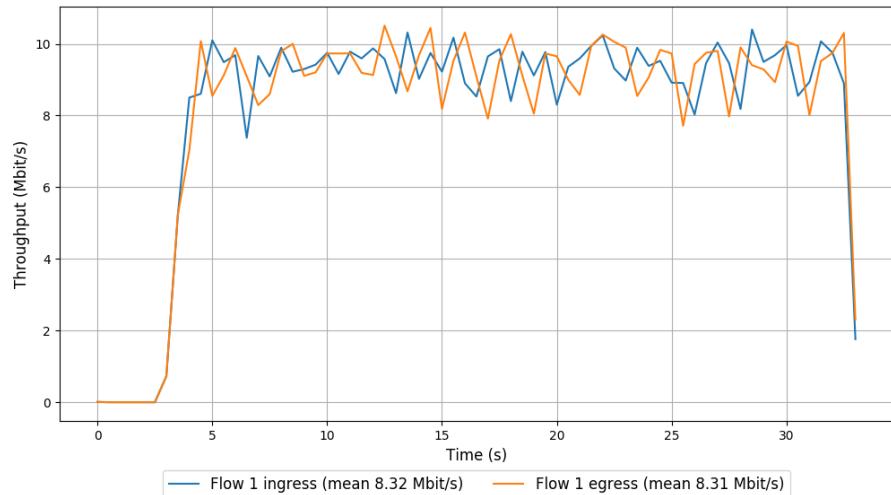


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:49:30 +0000
End at: Fri, 16 Jun 2017 01:50:00 +0000
Local clock offset: 0.129 ms
Remote clock offset: -4.512 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 57.495 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 57.495 ms
Loss rate: 0.11%
```

Run 9: Report of Sprout — Data Link

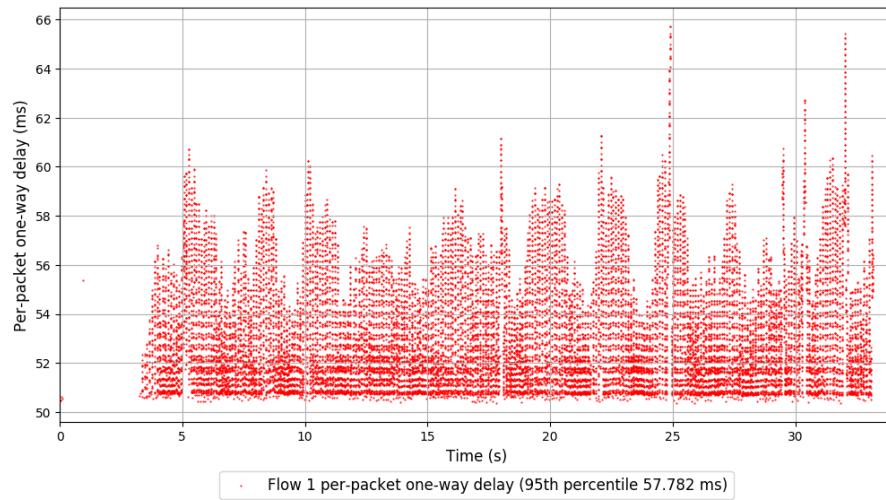
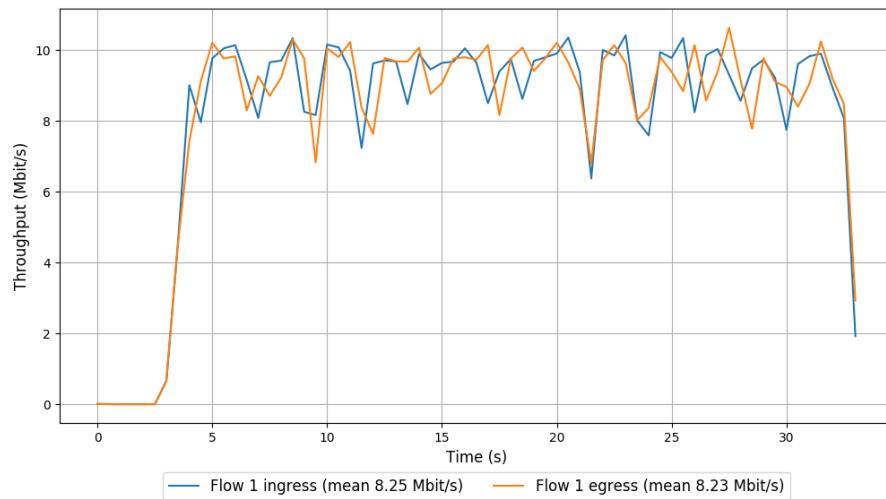


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:09:06 +0000
End at: Fri, 16 Jun 2017 02:09:36 +0000
Local clock offset: -0.169 ms
Remote clock offset: -4.259 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 57.782 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 57.782 ms
Loss rate: 0.26%
```

Run 10: Report of Sprout — Data Link

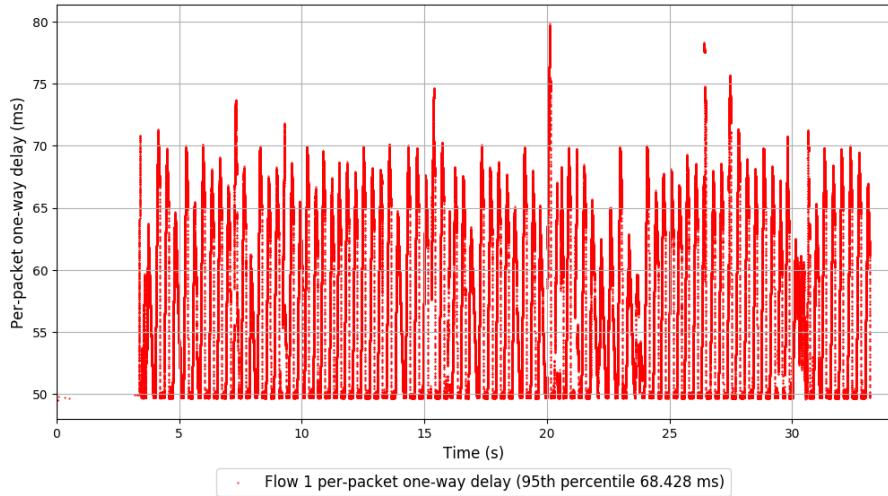
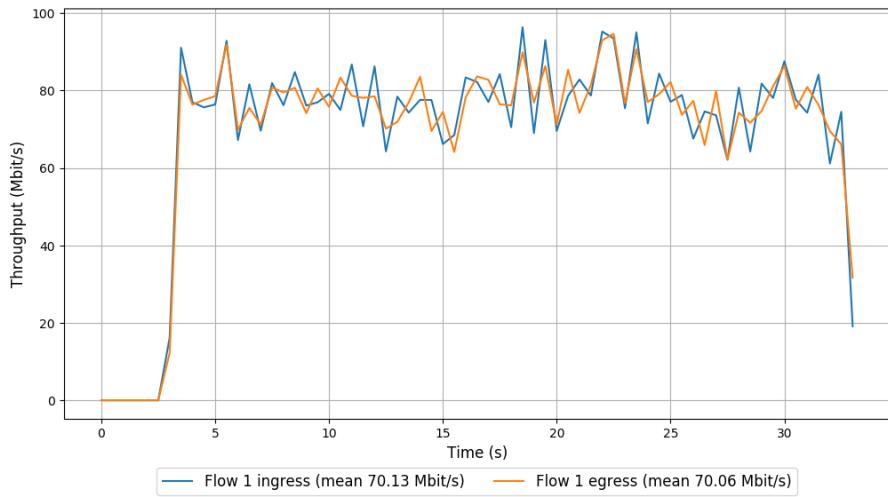


Run 1: Statistics of TaoVA-100x

```
Start at: Thu, 15 Jun 2017 23:25:11 +0000
End at: Thu, 15 Jun 2017 23:25:41 +0000
Local clock offset: -1.413 ms
Remote clock offset: -2.168 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 68.428 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 68.428 ms
Loss rate: 0.11%
```

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

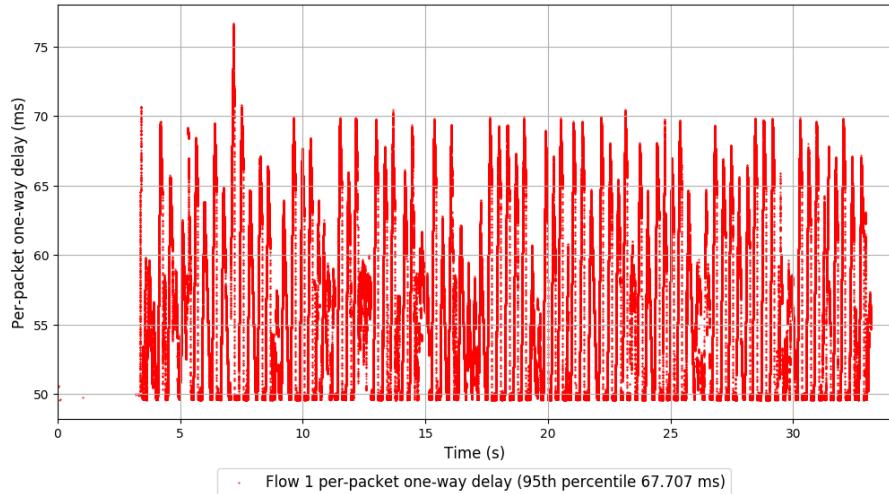
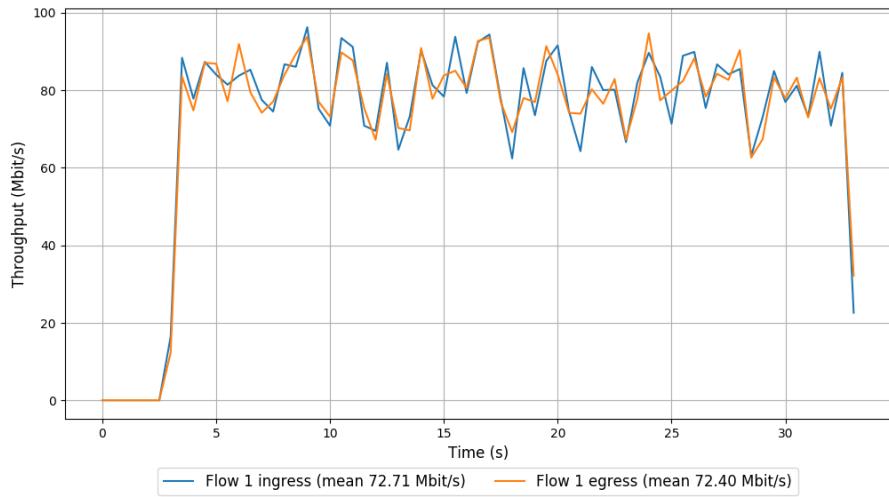


Run 2: Statistics of TaoVA-100x

```
Start at: Thu, 15 Jun 2017 23:44:59 +0000
End at: Thu, 15 Jun 2017 23:45:29 +0000
Local clock offset: -1.472 ms
Remote clock offset: -4.83 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.40 Mbit/s
95th percentile per-packet one-way delay: 67.707 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 72.40 Mbit/s
95th percentile per-packet one-way delay: 67.707 ms
Loss rate: 0.41%
```

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

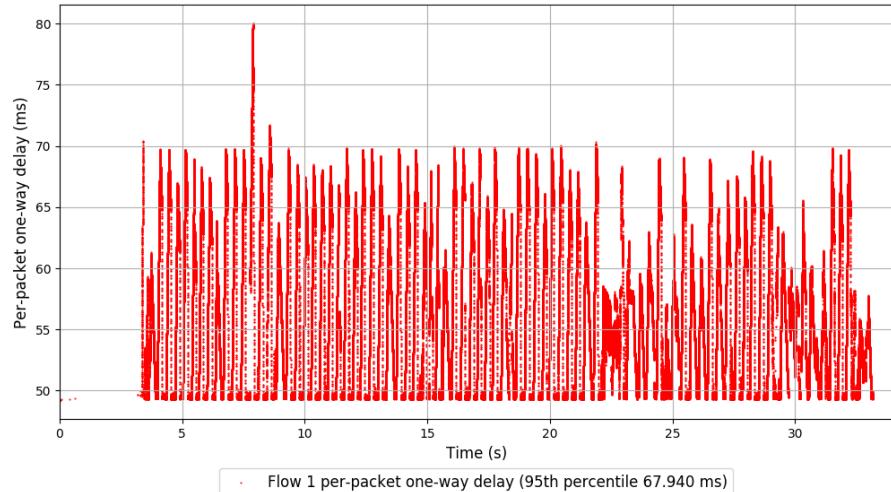
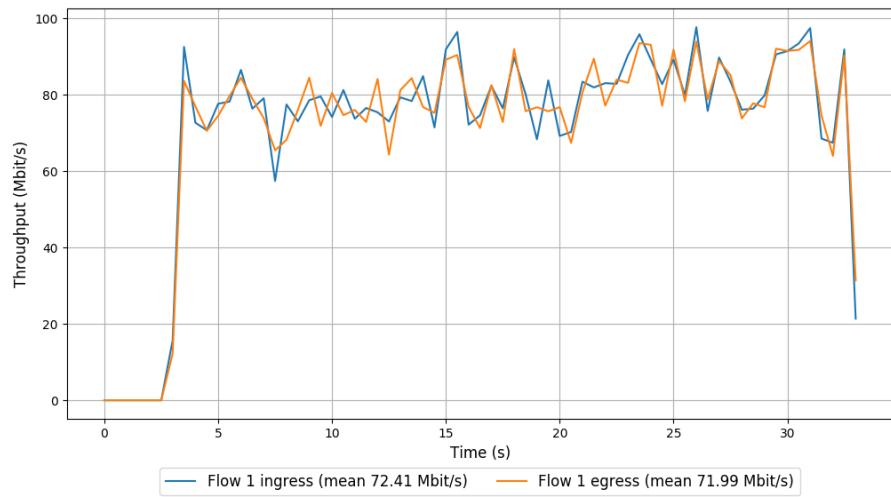


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:04:40 +0000
End at: Fri, 16 Jun 2017 00:05:10 +0000
Local clock offset: -1.545 ms
Remote clock offset: -1.82 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 67.940 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 67.940 ms
Loss rate: 0.58%
```

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

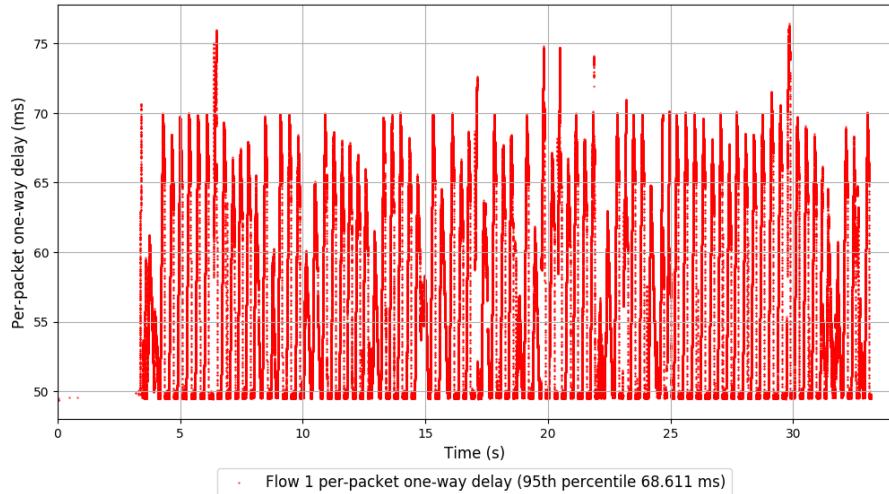
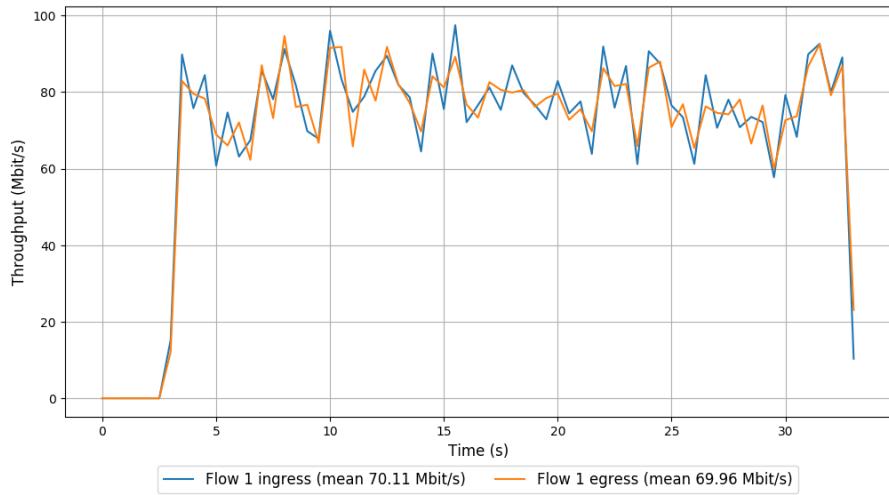


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:24:18 +0000
End at: Fri, 16 Jun 2017 00:24:48 +0000
Local clock offset: -1.456 ms
Remote clock offset: -4.812 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.96 Mbit/s
95th percentile per-packet one-way delay: 68.611 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 69.96 Mbit/s
95th percentile per-packet one-way delay: 68.611 ms
Loss rate: 0.21%
```

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

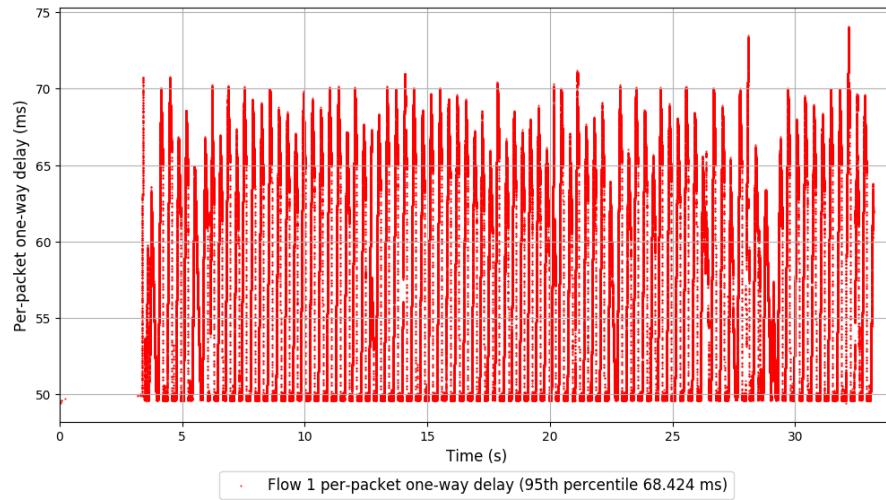
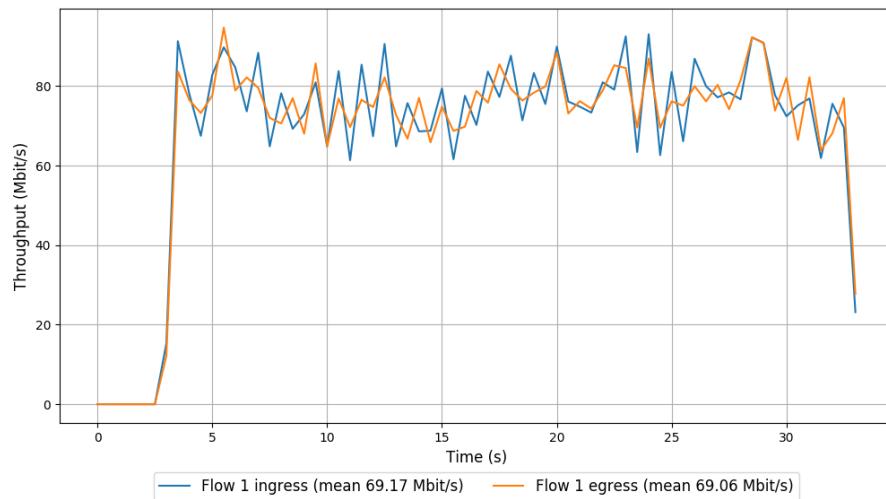


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:43:59 +0000
End at: Fri, 16 Jun 2017 00:44:29 +0000
Local clock offset: -1.23 ms
Remote clock offset: -2.18 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:30:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 68.424 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 68.424 ms
Loss rate: 0.12%
```

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:03:41 +0000

End at: Fri, 16 Jun 2017 01:04:11 +0000

Local clock offset: -0.815 ms

Remote clock offset: -2.598 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:31:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.72 Mbit/s

95th percentile per-packet one-way delay: 68.721 ms

Loss rate: 0.16%

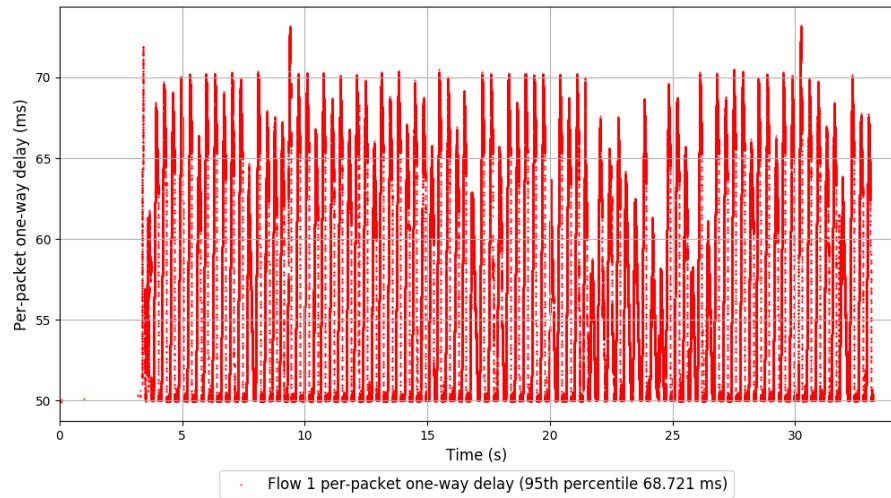
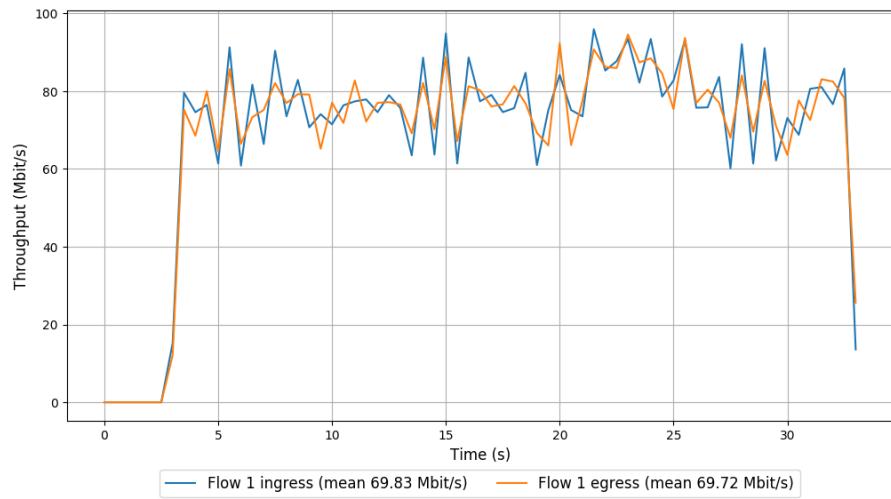
-- Flow 1:

Average throughput: 69.72 Mbit/s

95th percentile per-packet one-way delay: 68.721 ms

Loss rate: 0.16%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:23:20 +0000

End at: Fri, 16 Jun 2017 01:23:50 +0000

Local clock offset: -0.449 ms

Remote clock offset: -1.764 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:31:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.42 Mbit/s

95th percentile per-packet one-way delay: 69.389 ms

Loss rate: 0.48%

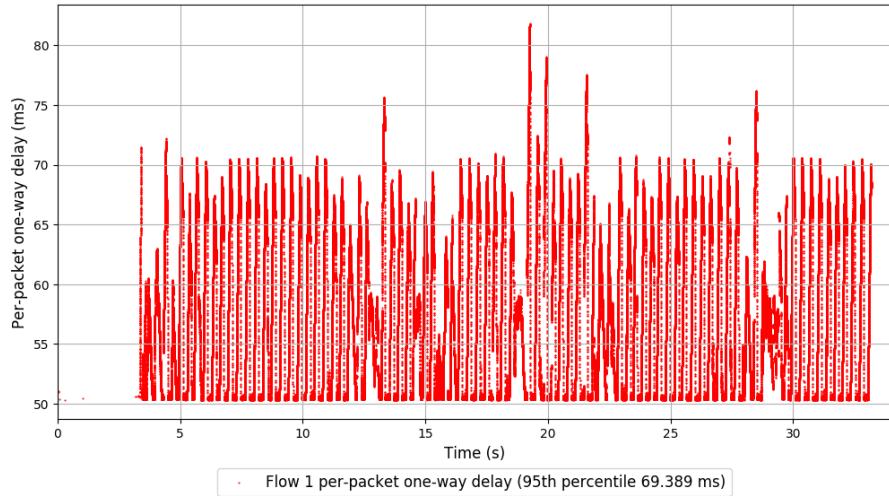
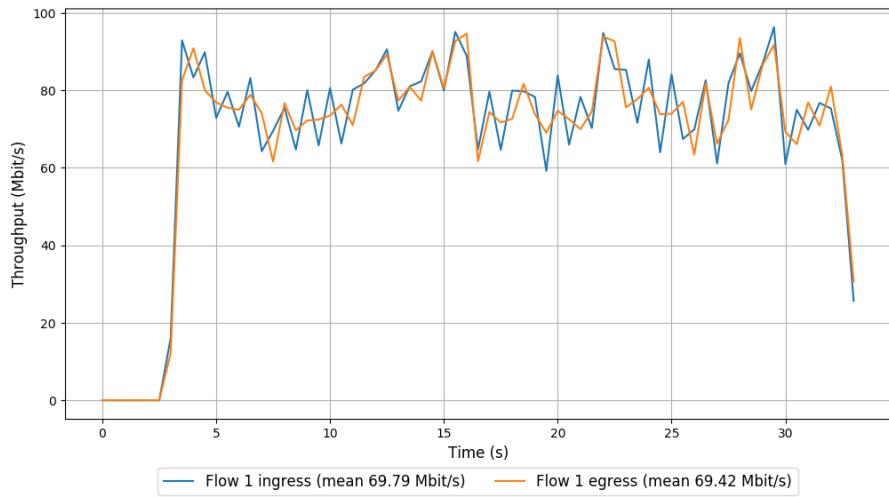
-- Flow 1:

Average throughput: 69.42 Mbit/s

95th percentile per-packet one-way delay: 69.389 ms

Loss rate: 0.48%

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

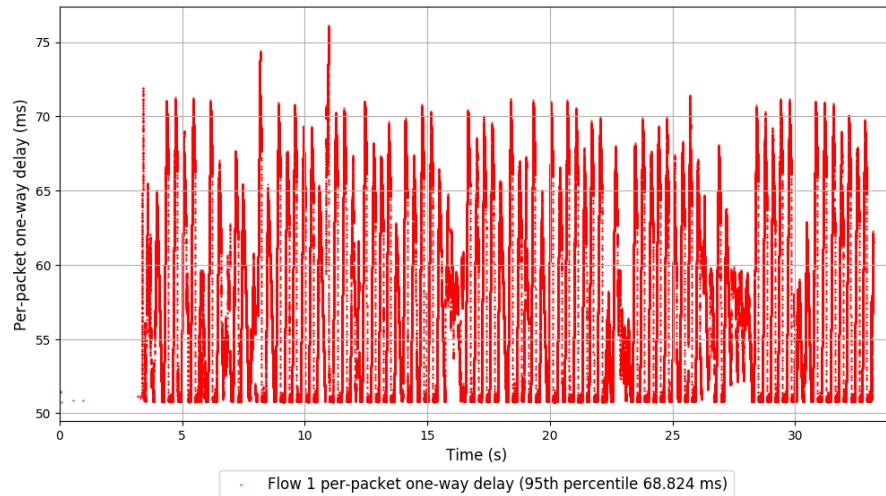
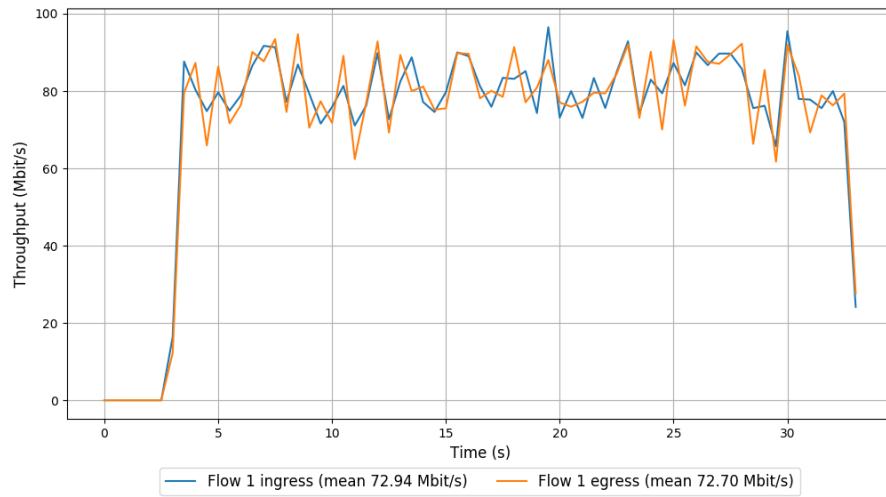


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 01:42:57 +0000
End at: Fri, 16 Jun 2017 01:43:27 +0000
Local clock offset: -0.01 ms
Remote clock offset: -4.211 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:31:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 68.824 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 68.824 ms
Loss rate: 0.29%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:02:35 +0000

End at: Fri, 16 Jun 2017 02:03:05 +0000

Local clock offset: 0.376 ms

Remote clock offset: -2.477 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:31:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.16 Mbit/s

95th percentile per-packet one-way delay: 70.040 ms

Loss rate: 0.10%

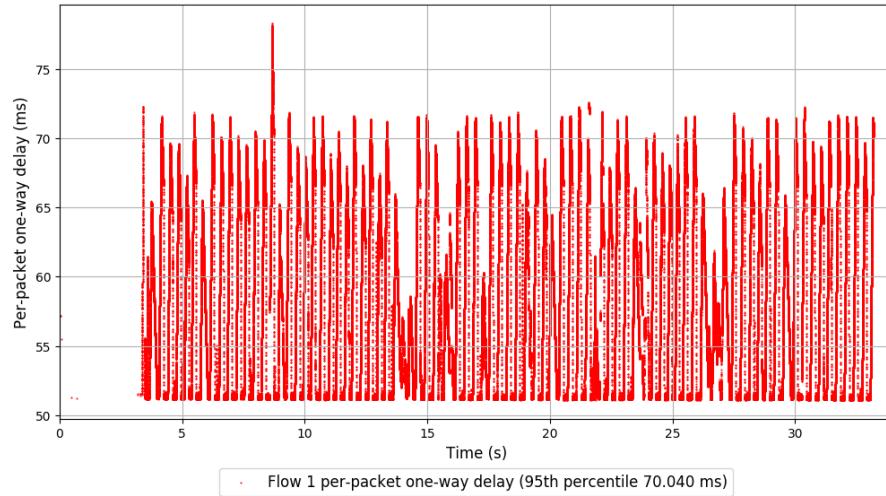
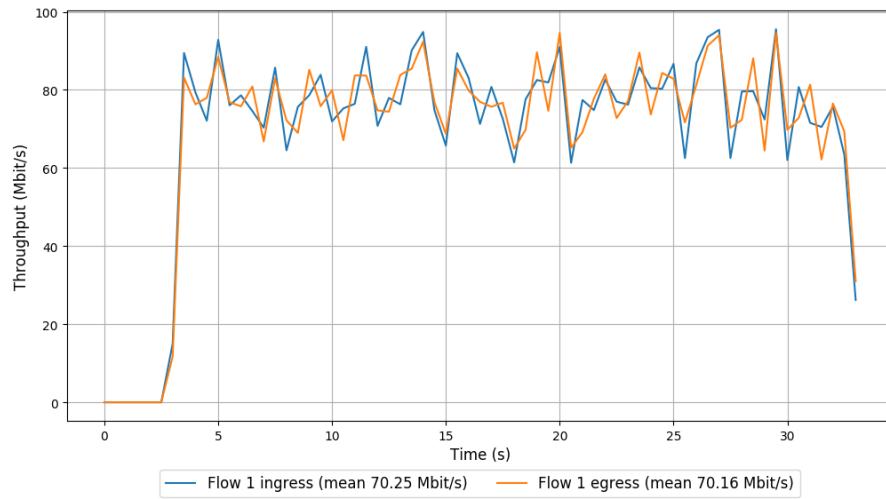
-- Flow 1:

Average throughput: 70.16 Mbit/s

95th percentile per-packet one-way delay: 70.040 ms

Loss rate: 0.10%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:22:11 +0000

End at: Fri, 16 Jun 2017 02:22:41 +0000

Local clock offset: -1.189 ms

Remote clock offset: -2.608 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:31:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.73 Mbit/s

95th percentile per-packet one-way delay: 68.339 ms

Loss rate: 0.09%

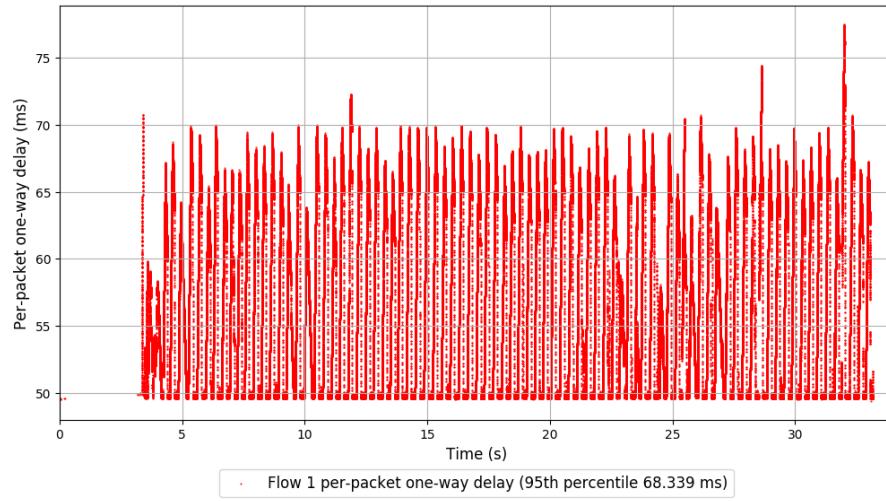
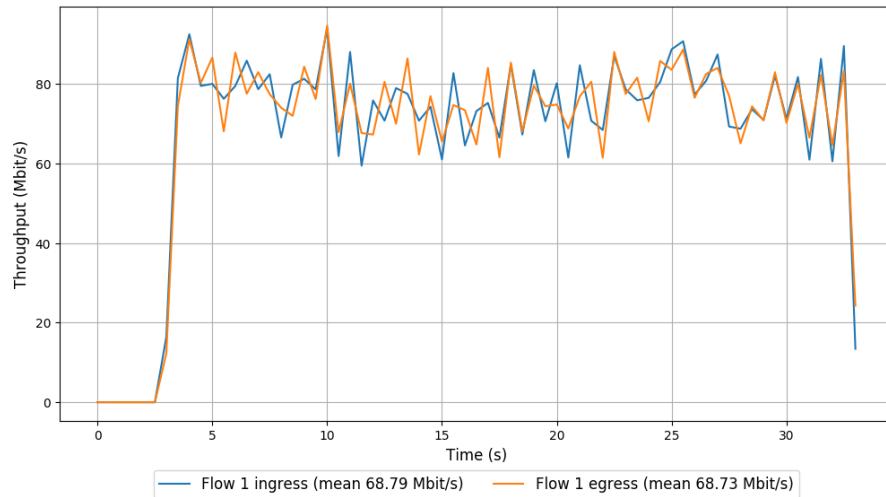
-- Flow 1:

Average throughput: 68.73 Mbit/s

95th percentile per-packet one-way delay: 68.339 ms

Loss rate: 0.09%

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

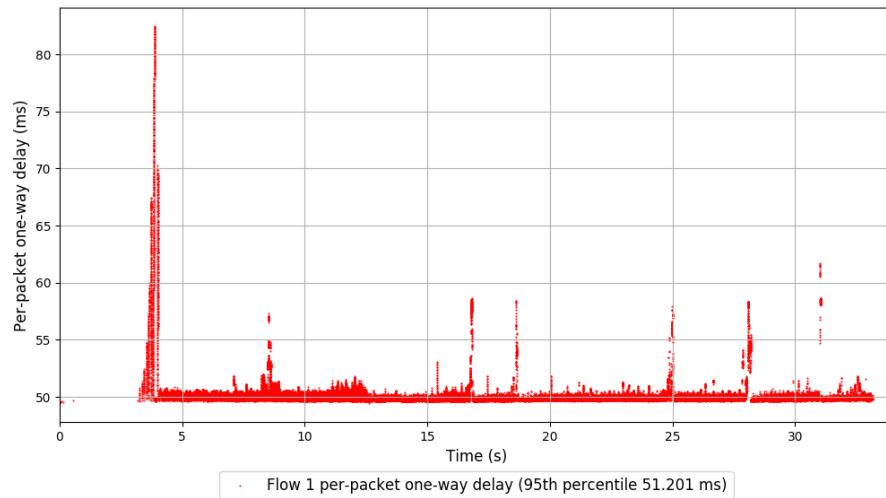
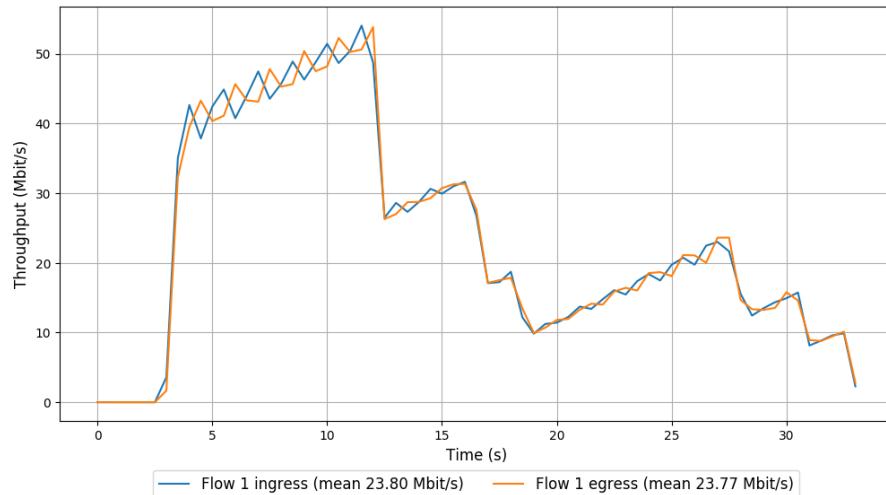


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:27:53 +0000
End at: Thu, 15 Jun 2017 23:28:23 +0000
Local clock offset: -1.443 ms
Remote clock offset: -2.042 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:31:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 51.201 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 51.201 ms
Loss rate: 0.14%
```

Run 1: Report of TCP Vegas — Data Link

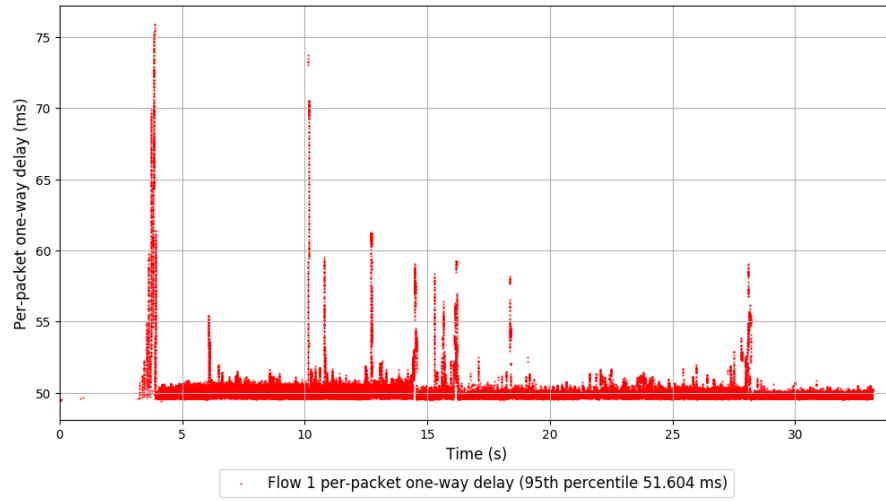
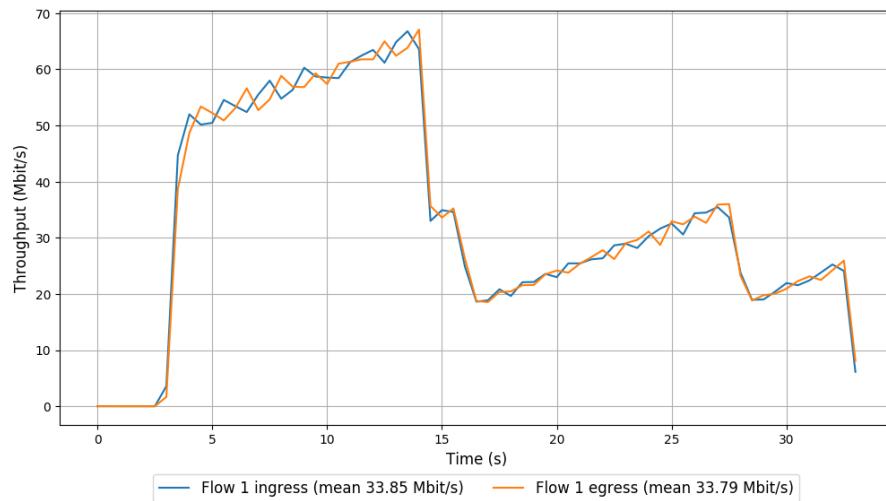


Run 2: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:47:42 +0000
End at: Thu, 15 Jun 2017 23:48:12 +0000
Local clock offset: -1.414 ms
Remote clock offset: -1.9 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:31:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 51.604 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 51.604 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Vegas — Data Link

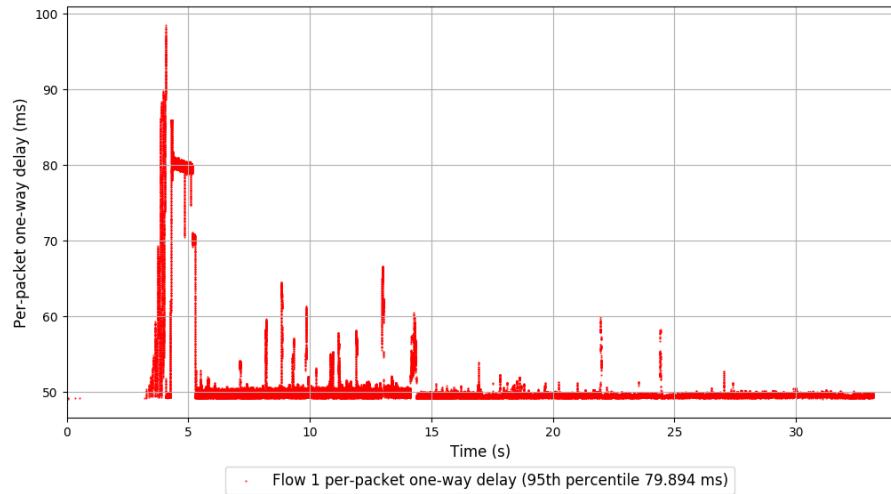
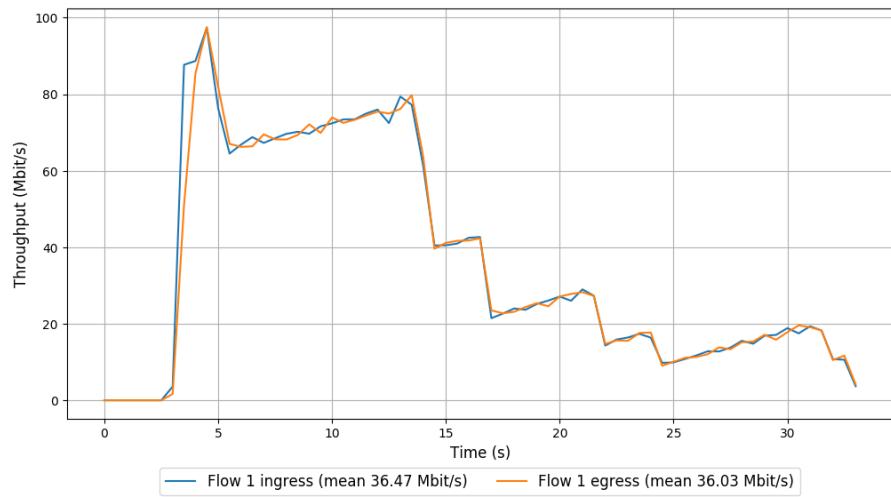


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:07:23 +0000
End at: Fri, 16 Jun 2017 00:07:53 +0000
Local clock offset: -1.65 ms
Remote clock offset: -2.086 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:31:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 79.894 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 79.894 ms
Loss rate: 1.24%
```

Run 3: Report of TCP Vegas — Data Link

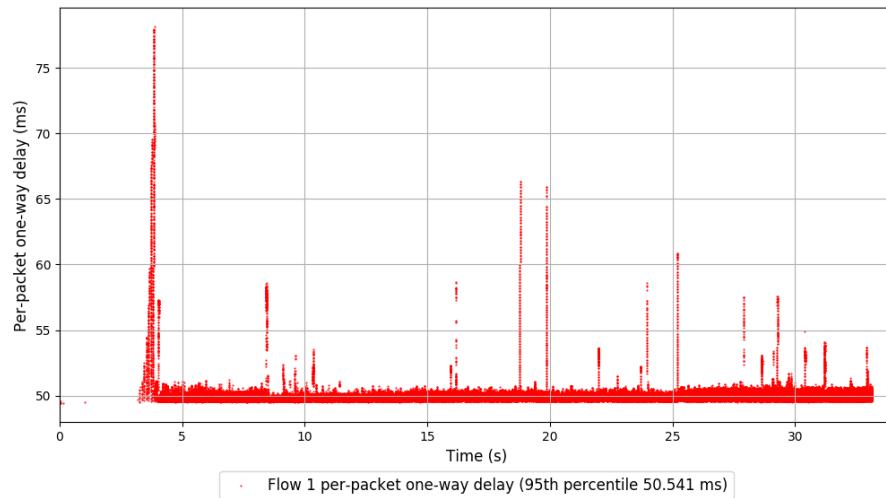
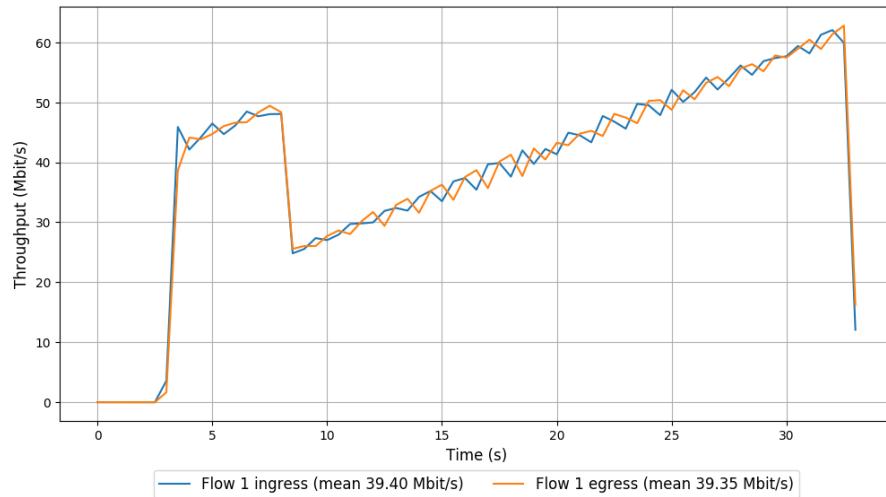


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:26:59 +0000
End at: Fri, 16 Jun 2017 00:27:29 +0000
Local clock offset: -1.399 ms
Remote clock offset: -2.641 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:31:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 50.541 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 50.541 ms
Loss rate: 0.14%
```

Run 4: Report of TCP Vegas — Data Link

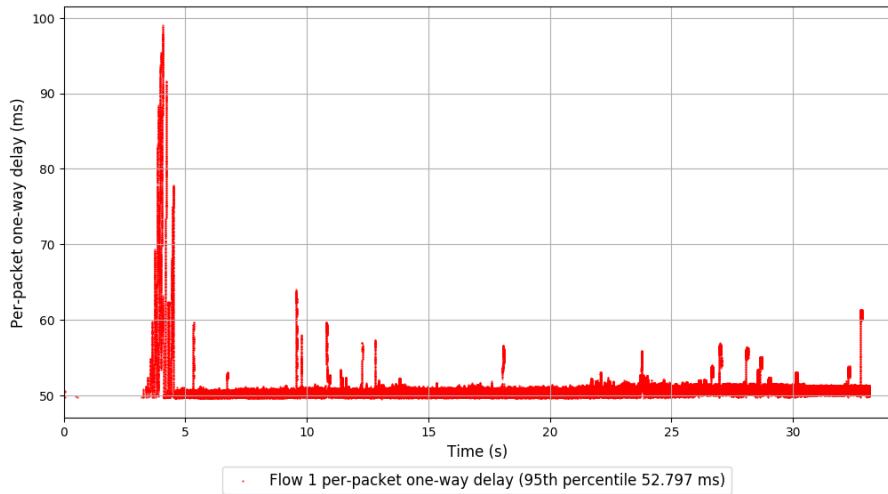
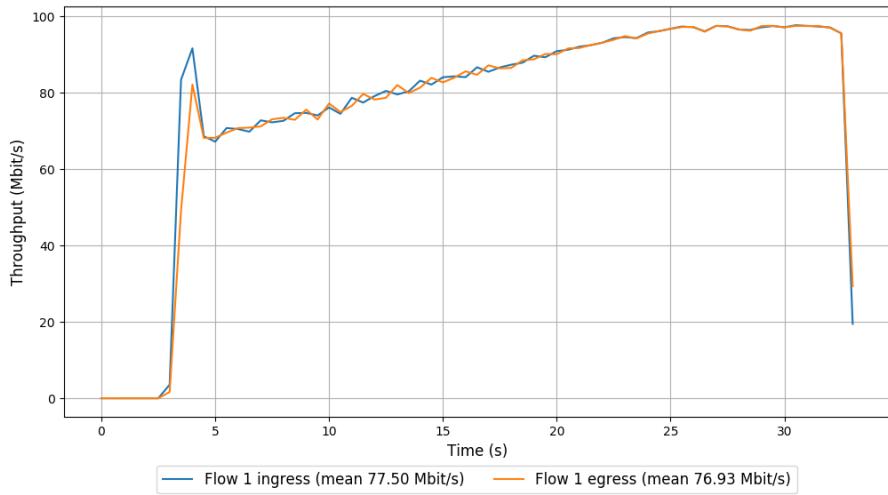


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:46:40 +0000
End at: Fri, 16 Jun 2017 00:47:10 +0000
Local clock offset: -1.146 ms
Remote clock offset: -4.346 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 52.797 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 52.797 ms
Loss rate: 0.75%
```

Run 5: Report of TCP Vegas — Data Link

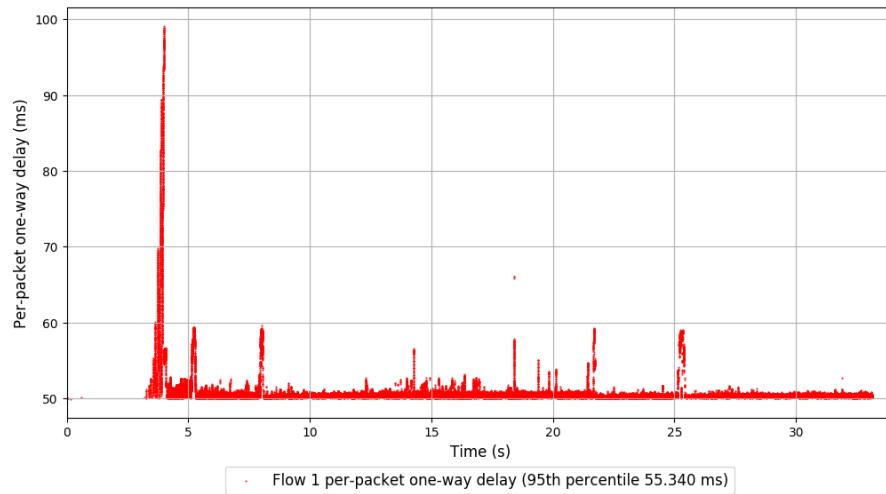
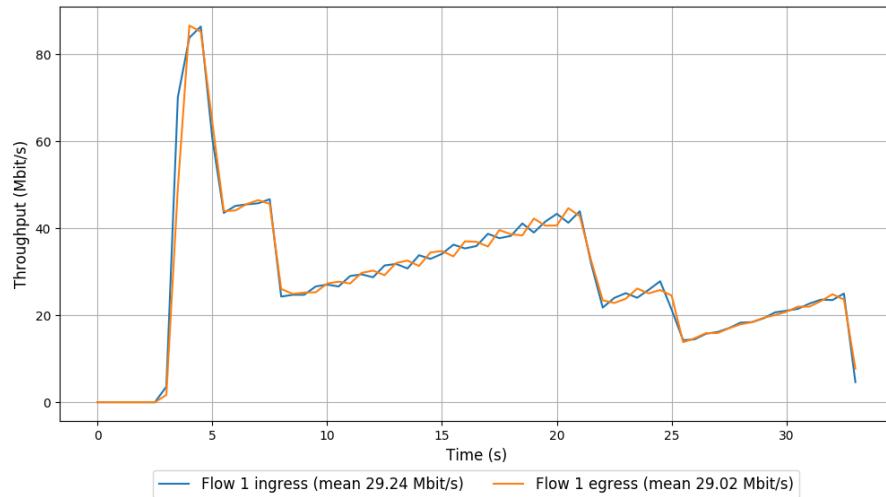


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:06:23 +0000
End at: Fri, 16 Jun 2017 01:06:53 +0000
Local clock offset: -0.737 ms
Remote clock offset: -4.157 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 55.340 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 55.340 ms
Loss rate: 0.75%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 01:26:02 +0000

End at: Fri, 16 Jun 2017 01:26:32 +0000

Local clock offset: -0.413 ms

Remote clock offset: -2.092 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:32:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.01 Mbit/s

95th percentile per-packet one-way delay: 55.059 ms

Loss rate: 1.67%

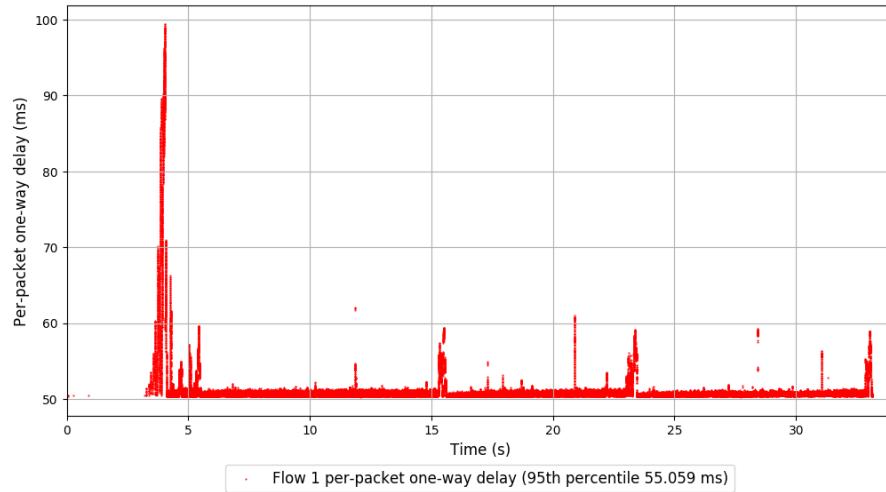
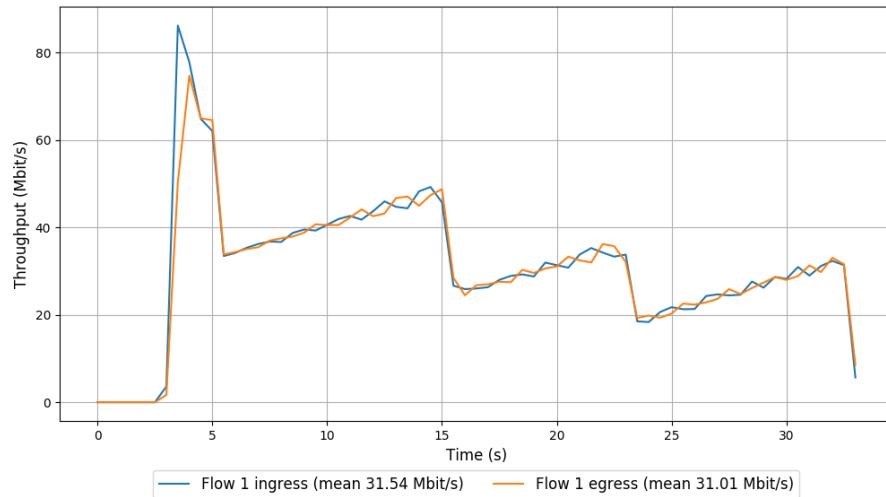
-- Flow 1:

Average throughput: 31.01 Mbit/s

95th percentile per-packet one-way delay: 55.059 ms

Loss rate: 1.67%

Run 7: Report of TCP Vegas — Data Link

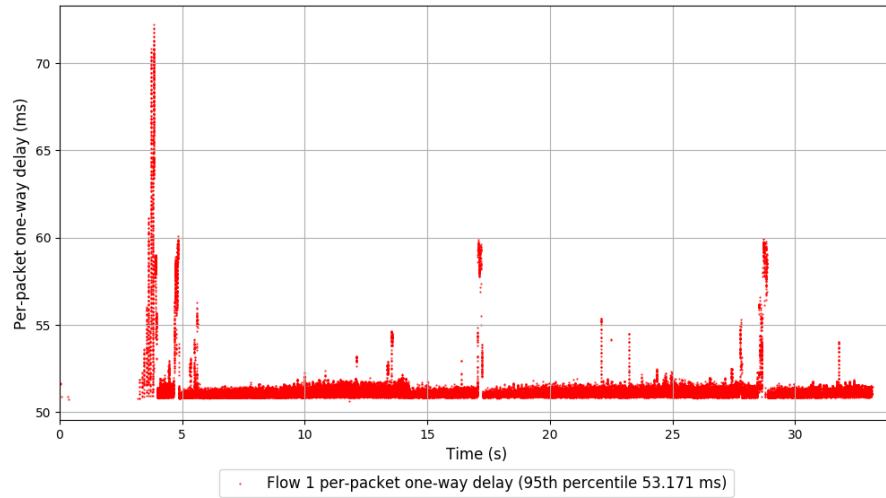
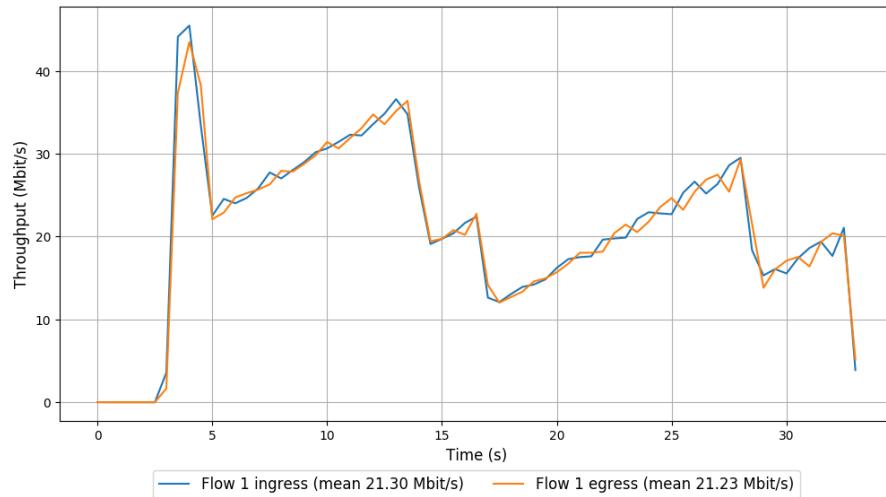


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:45:40 +0000
End at: Fri, 16 Jun 2017 01:46:10 +0000
Local clock offset: 0.078 ms
Remote clock offset: -4.117 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.23 Mbit/s
95th percentile per-packet one-way delay: 53.171 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 21.23 Mbit/s
95th percentile per-packet one-way delay: 53.171 ms
Loss rate: 0.37%
```

Run 8: Report of TCP Vegas — Data Link

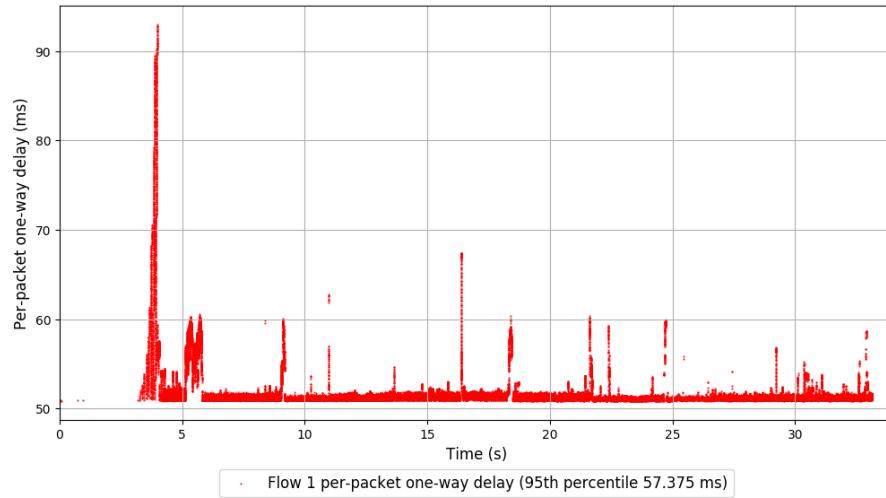
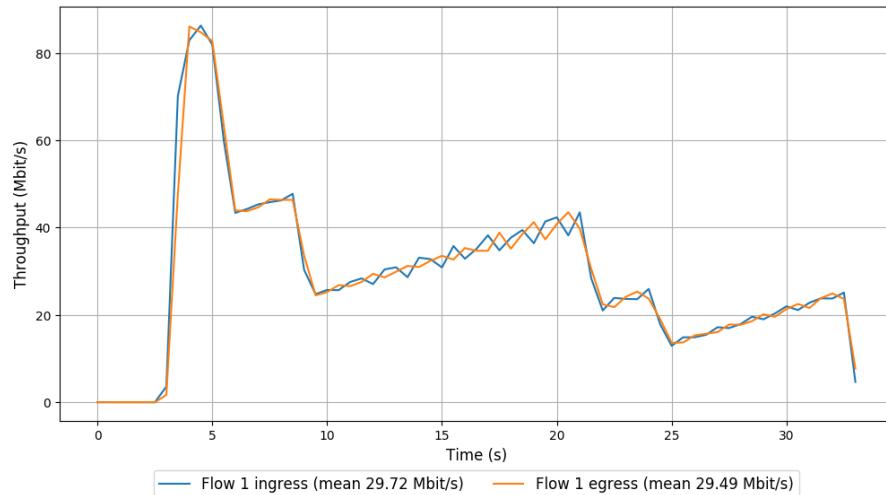


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:05:16 +0000
End at: Fri, 16 Jun 2017 02:05:46 +0000
Local clock offset: 0.124 ms
Remote clock offset: -4.331 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 57.375 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 57.375 ms
Loss rate: 0.76%
```

Run 9: Report of TCP Vegas — Data Link

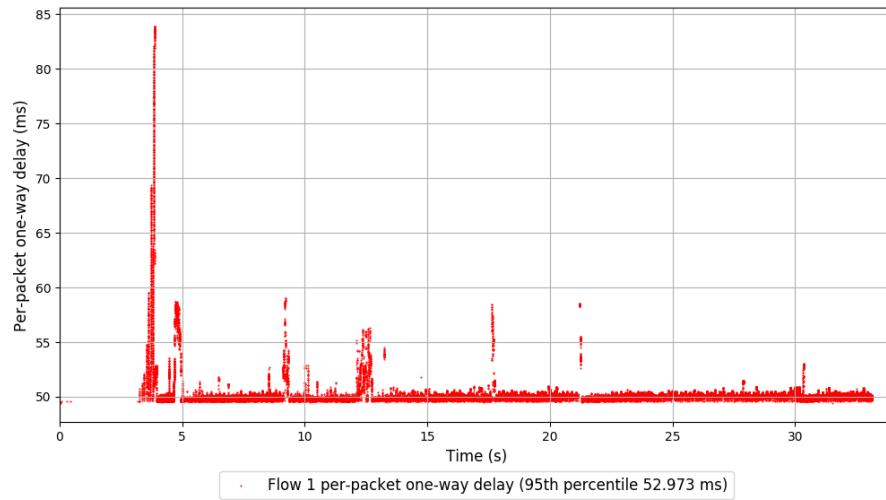
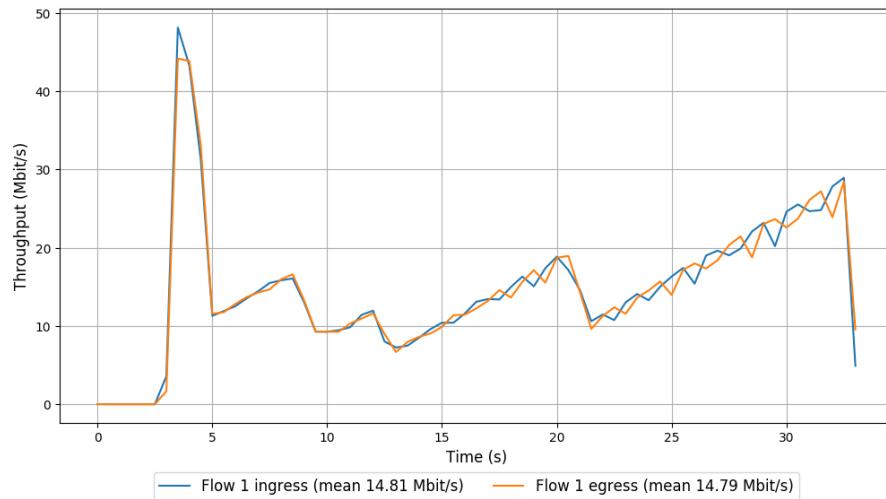


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:24:51 +0000
End at: Fri, 16 Jun 2017 02:25:22 +0000
Local clock offset: -1.251 ms
Remote clock offset: -4.389 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.79 Mbit/s
95th percentile per-packet one-way delay: 52.973 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 14.79 Mbit/s
95th percentile per-packet one-way delay: 52.973 ms
Loss rate: 0.23%
```

Run 10: Report of TCP Vegas — Data Link

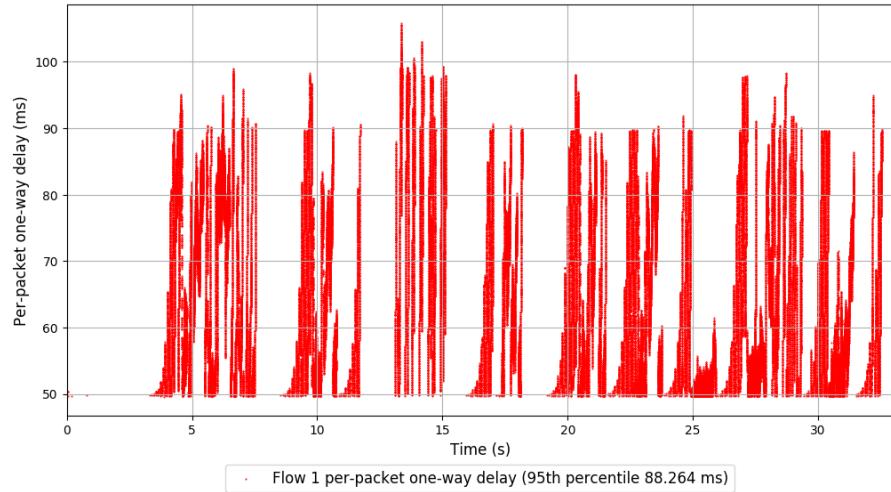
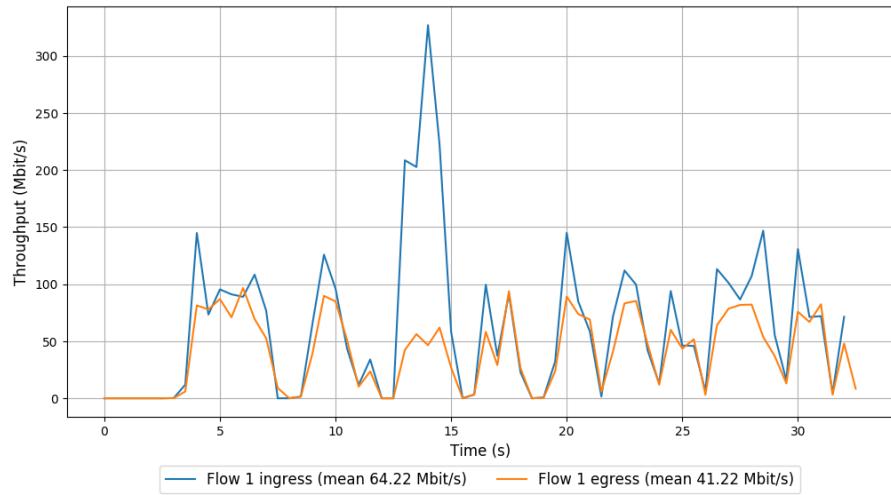


Run 1: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:23:51 +0000
End at: Thu, 15 Jun 2017 23:24:21 +0000
Local clock offset: -1.438 ms
Remote clock offset: -4.992 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.22 Mbit/s
95th percentile per-packet one-way delay: 88.264 ms
Loss rate: 35.76%
-- Flow 1:
Average throughput: 41.22 Mbit/s
95th percentile per-packet one-way delay: 88.264 ms
Loss rate: 35.76%
```

Run 1: Report of Verus — Data Link

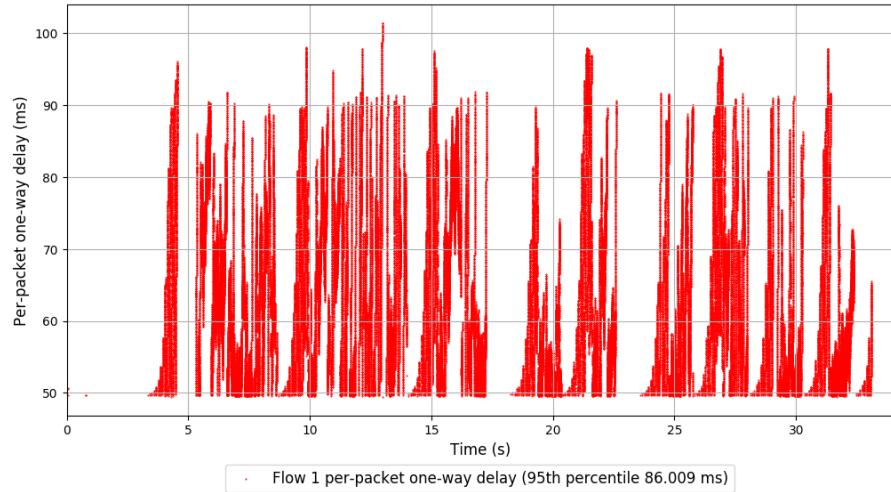
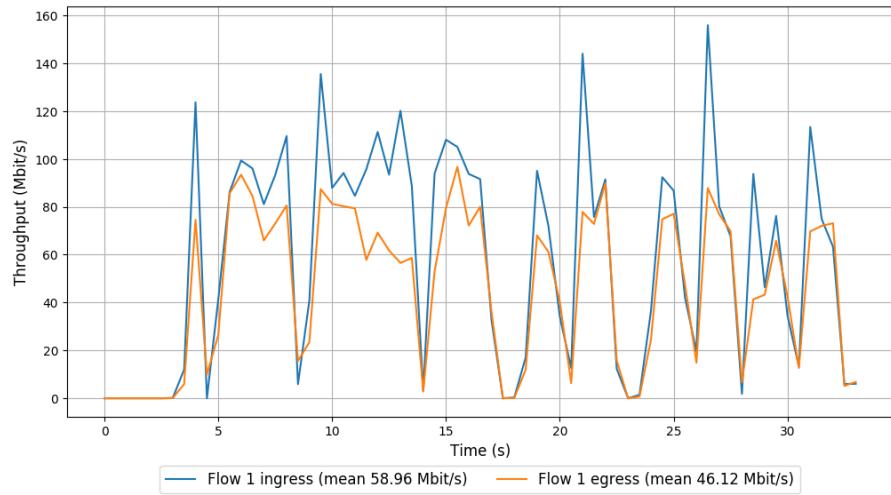


Run 2: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:43:39 +0000
End at: Thu, 15 Jun 2017 23:44:09 +0000
Local clock offset: -1.467 ms
Remote clock offset: -2.508 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 86.009 ms
Loss rate: 21.74%
-- Flow 1:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 86.009 ms
Loss rate: 21.74%
```

Run 2: Report of Verus — Data Link

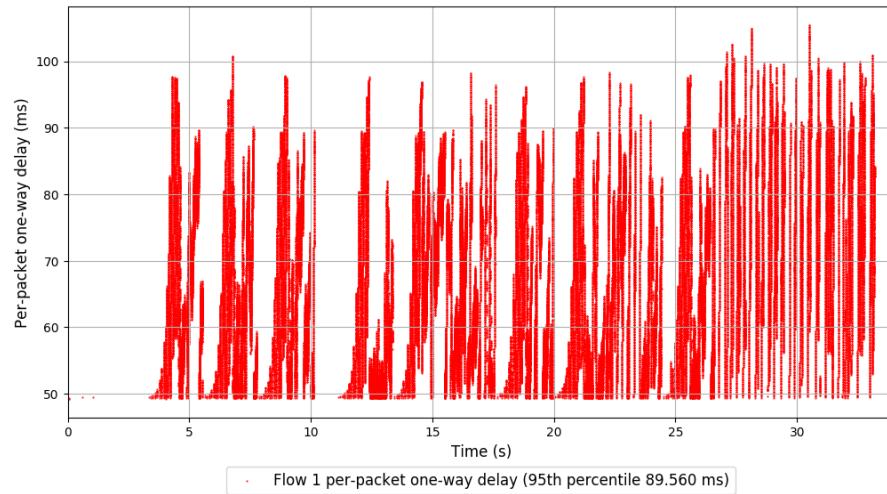
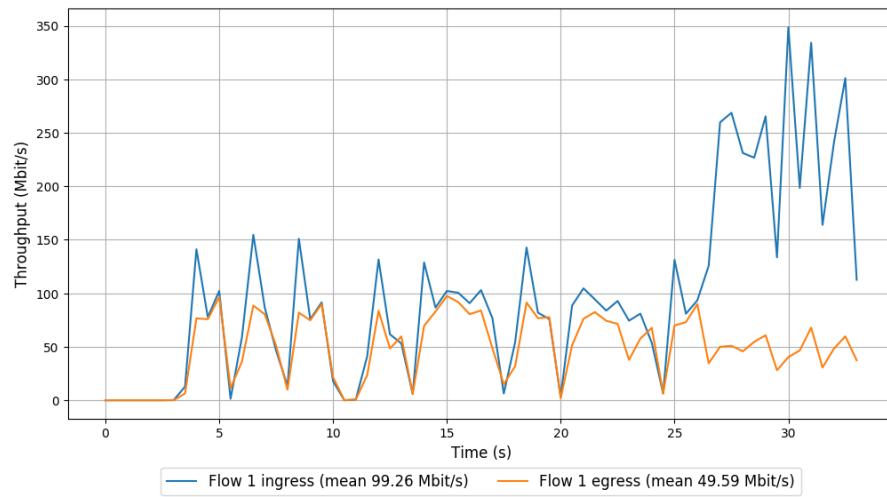


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:03:19 +0000
End at: Fri, 16 Jun 2017 00:03:49 +0000
Local clock offset: -1.592 ms
Remote clock offset: -1.824 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.59 Mbit/s
95th percentile per-packet one-way delay: 89.560 ms
Loss rate: 50.01%
-- Flow 1:
Average throughput: 49.59 Mbit/s
95th percentile per-packet one-way delay: 89.560 ms
Loss rate: 50.01%
```

Run 3: Report of Verus — Data Link

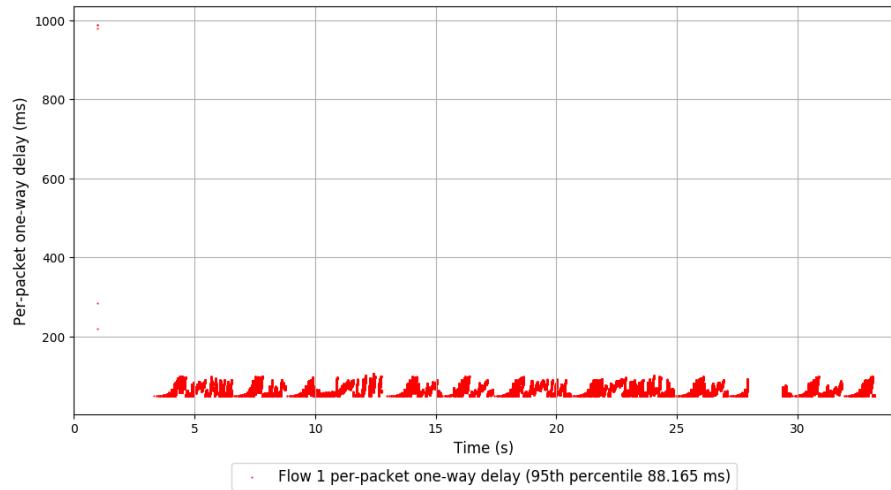
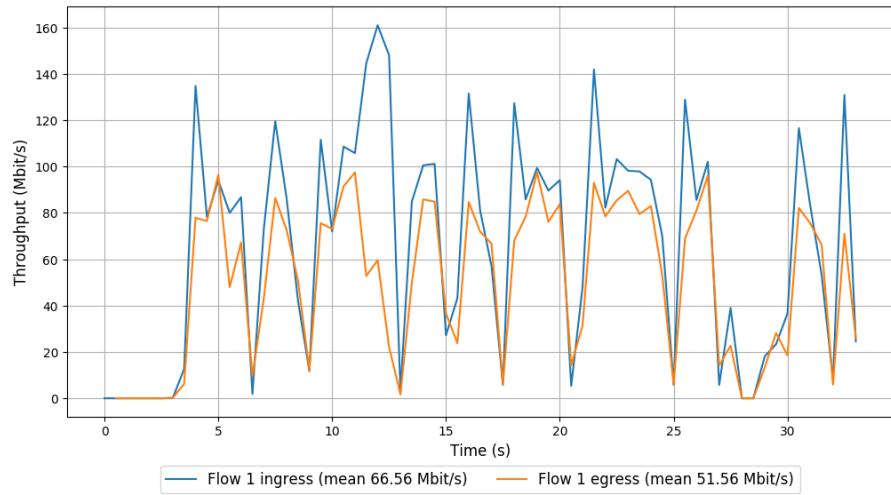


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:22:57 +0000
End at: Fri, 16 Jun 2017 00:23:27 +0000
Local clock offset: -1.438 ms
Remote clock offset: -4.305 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.56 Mbit/s
95th percentile per-packet one-way delay: 88.165 ms
Loss rate: 24.72%
-- Flow 1:
Average throughput: 51.56 Mbit/s
95th percentile per-packet one-way delay: 88.165 ms
Loss rate: 24.72%
```

Run 4: Report of Verus — Data Link

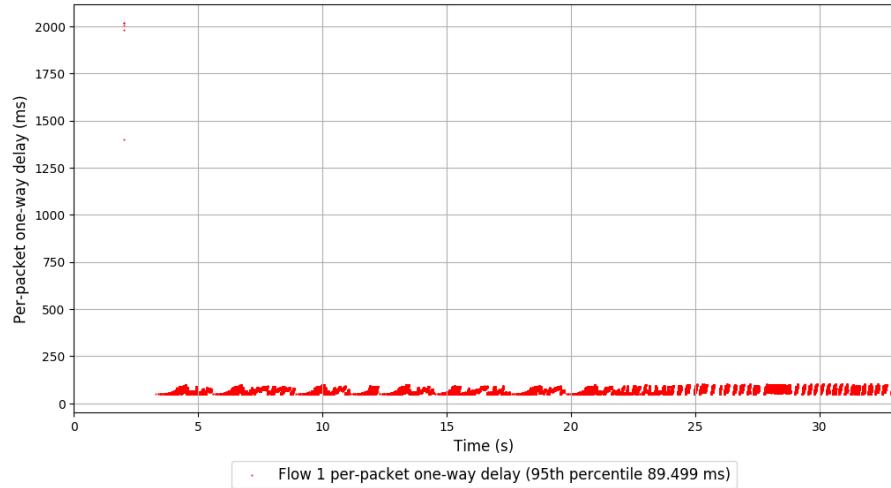
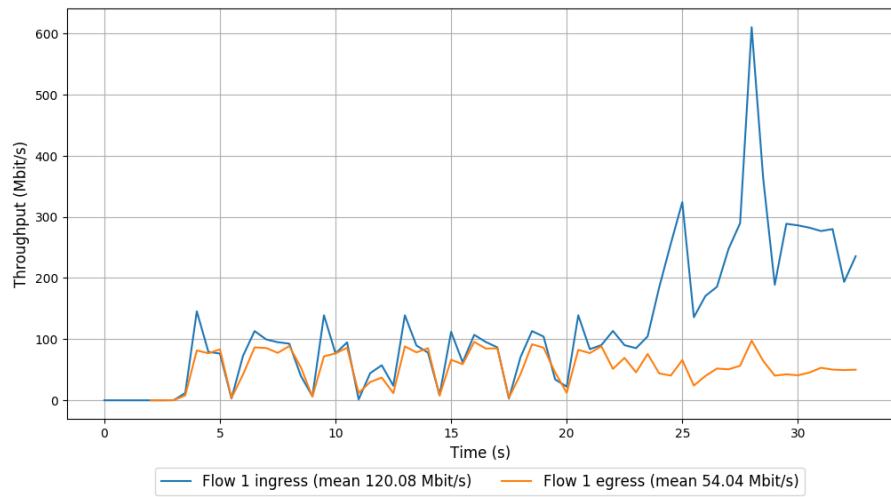


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:42:38 +0000
End at: Fri, 16 Jun 2017 00:43:08 +0000
Local clock offset: -1.275 ms
Remote clock offset: -2.273 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 89.499 ms
Loss rate: 57.63%
-- Flow 1:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 89.499 ms
Loss rate: 57.63%
```

Run 5: Report of Verus — Data Link

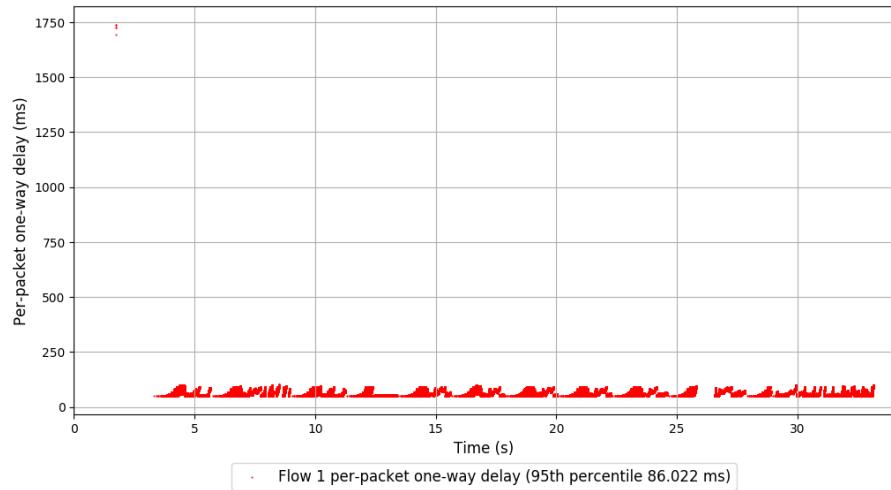
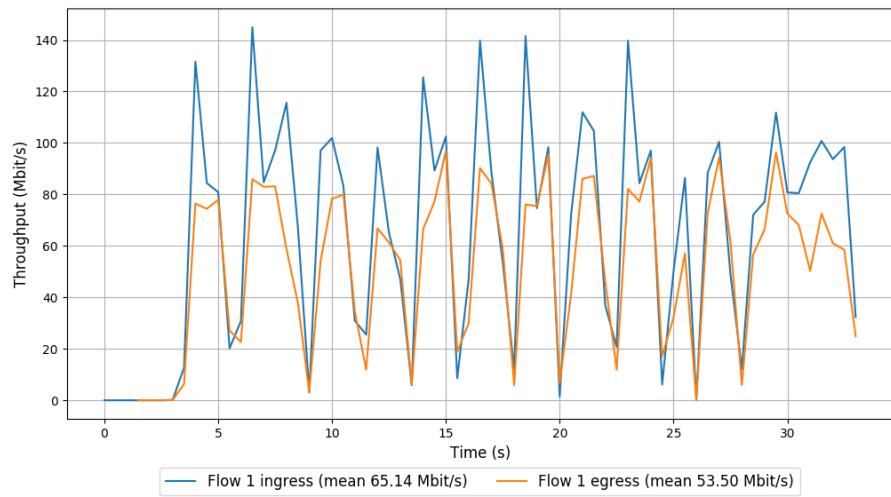


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:02:20 +0000
End at: Fri, 16 Jun 2017 01:02:50 +0000
Local clock offset: -0.772 ms
Remote clock offset: -4.61 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: 86.022 ms
Loss rate: 22.04%
-- Flow 1:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: 86.022 ms
Loss rate: 22.04%
```

Run 6: Report of Verus — Data Link

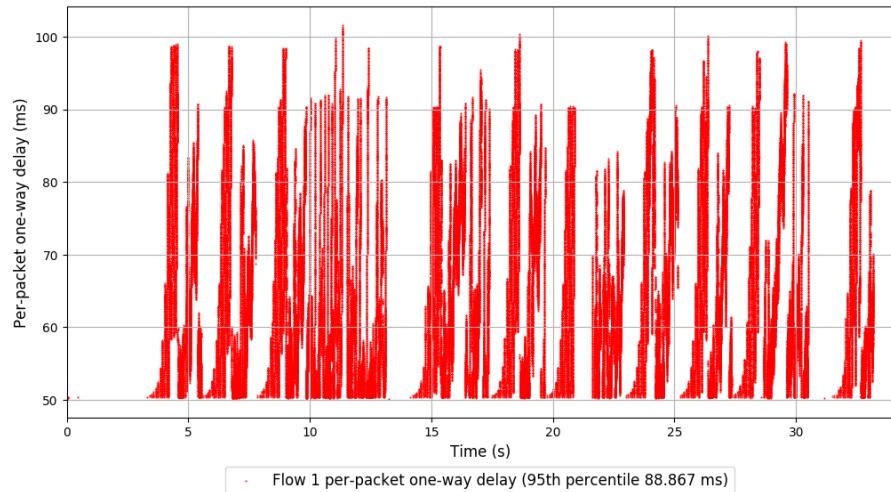
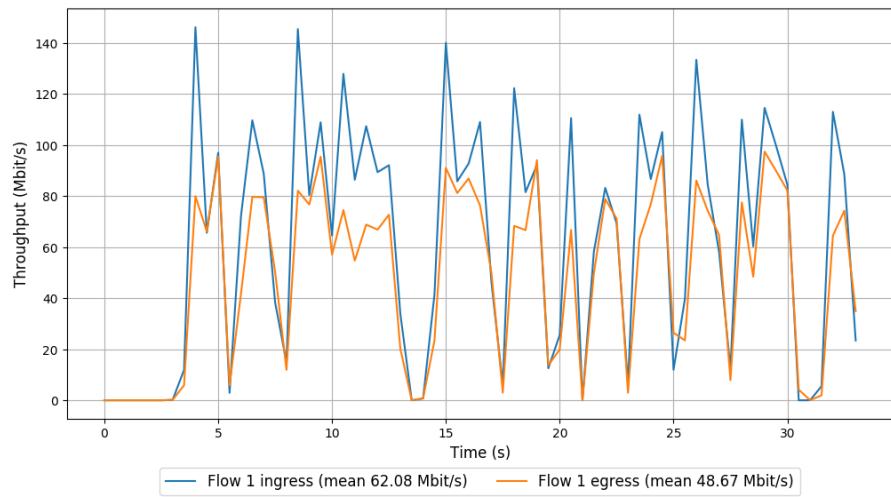


Run 7: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:21:59 +0000
End at: Fri, 16 Jun 2017 01:22:29 +0000
Local clock offset: -0.495 ms
Remote clock offset: -2.117 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 88.867 ms
Loss rate: 21.55%
-- Flow 1:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 88.867 ms
Loss rate: 21.55%
```

Run 7: Report of Verus — Data Link

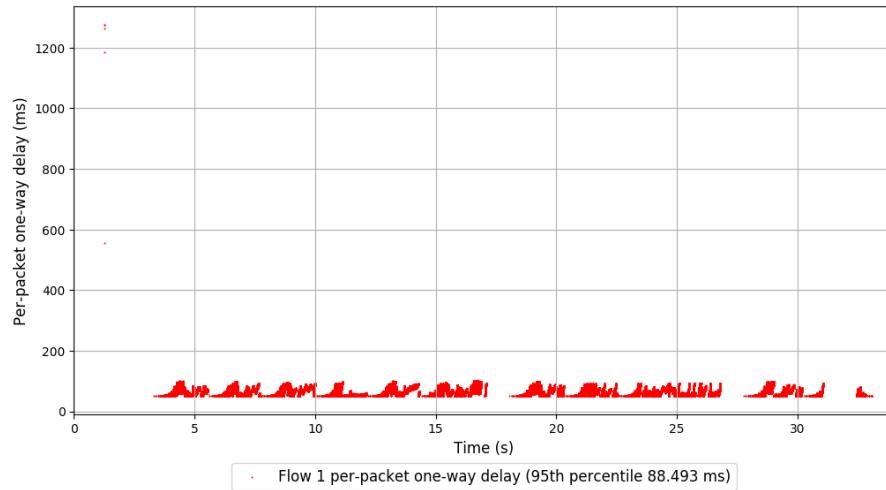
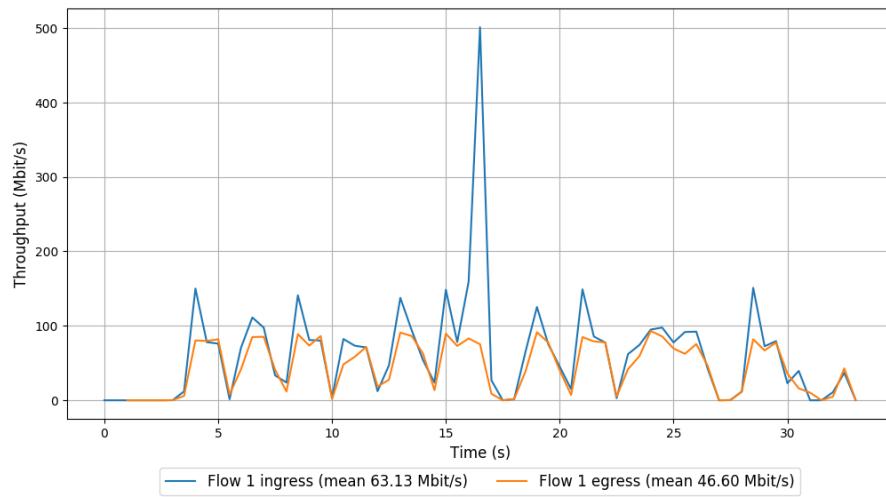


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:41:37 +0000
End at: Fri, 16 Jun 2017 01:42:07 +0000
Local clock offset: 0.091 ms
Remote clock offset: -4.546 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.60 Mbit/s
95th percentile per-packet one-way delay: 88.493 ms
Loss rate: 28.92%
-- Flow 1:
Average throughput: 46.60 Mbit/s
95th percentile per-packet one-way delay: 88.493 ms
Loss rate: 28.92%
```

Run 8: Report of Verus — Data Link

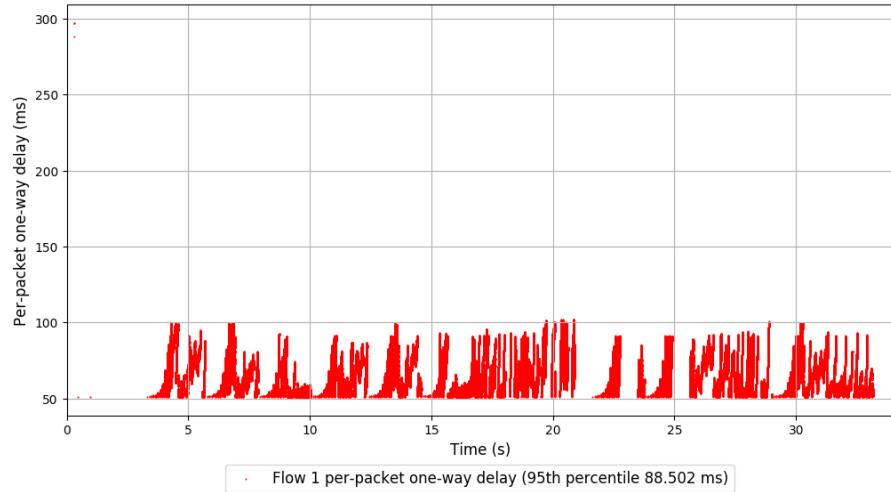
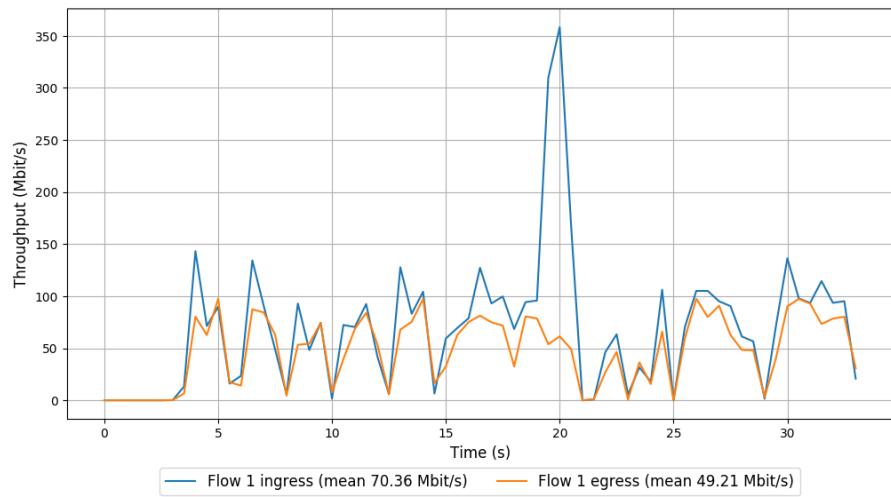


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:01:15 +0000
End at: Fri, 16 Jun 2017 02:01:45 +0000
Local clock offset: 0.439 ms
Remote clock offset: -2.284 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.21 Mbit/s
95th percentile per-packet one-way delay: 88.502 ms
Loss rate: 30.57%
-- Flow 1:
Average throughput: 49.21 Mbit/s
95th percentile per-packet one-way delay: 88.502 ms
Loss rate: 30.57%
```

Run 9: Report of Verus — Data Link

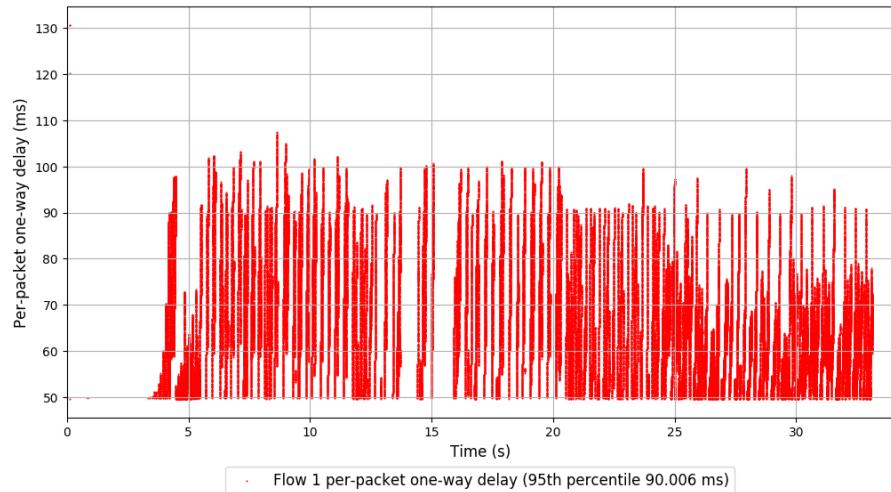
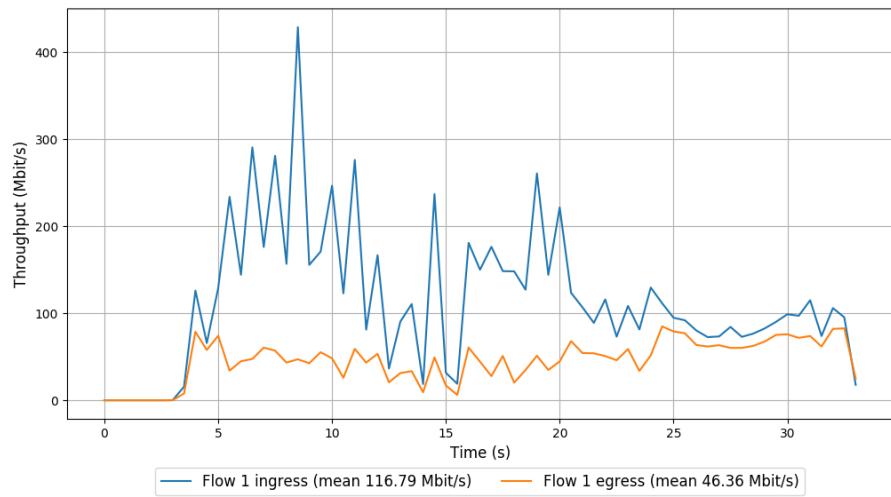


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:20:50 +0000
End at: Fri, 16 Jun 2017 02:21:20 +0000
Local clock offset: -1.189 ms
Remote clock offset: -2.253 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 90.006 ms
Loss rate: 60.37%
-- Flow 1:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 90.006 ms
Loss rate: 60.37%
```

Run 10: Report of Verus — Data Link

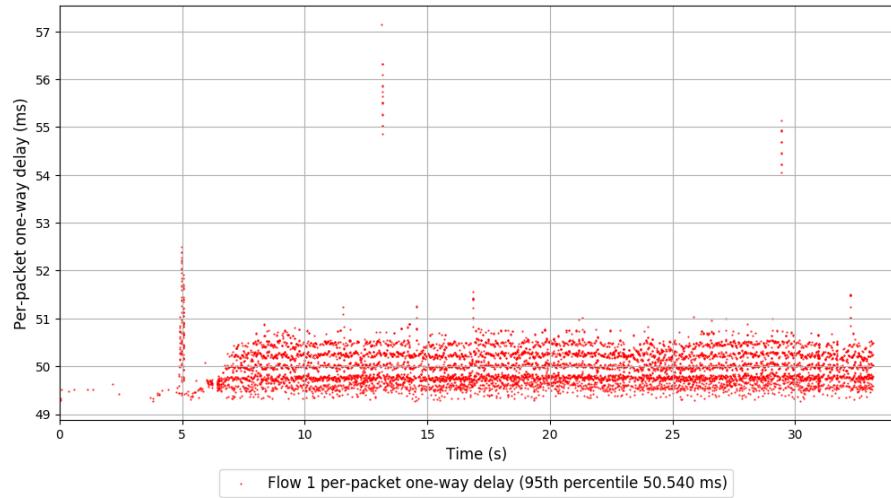
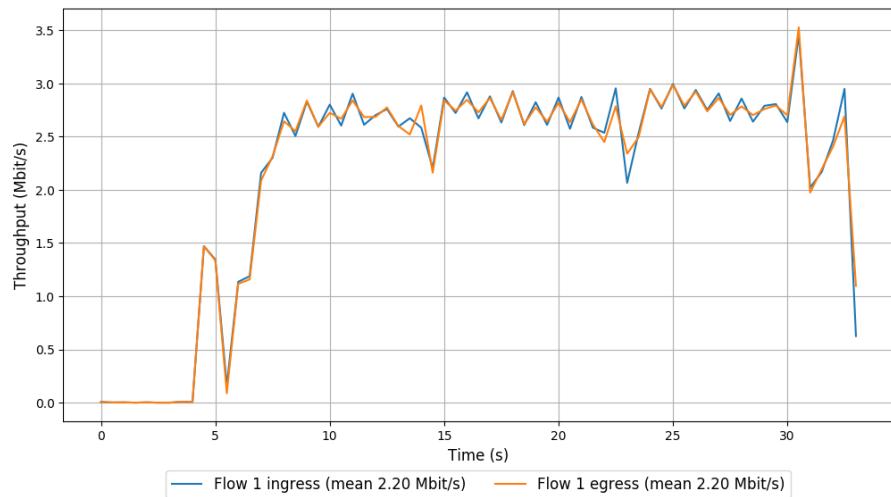


```
Run 1: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:17:19 +0000
End at: Thu, 15 Jun 2017 23:17:49 +0000
Local clock offset: -1.757 ms
Remote clock offset: -4.708 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 50.540 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 50.540 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

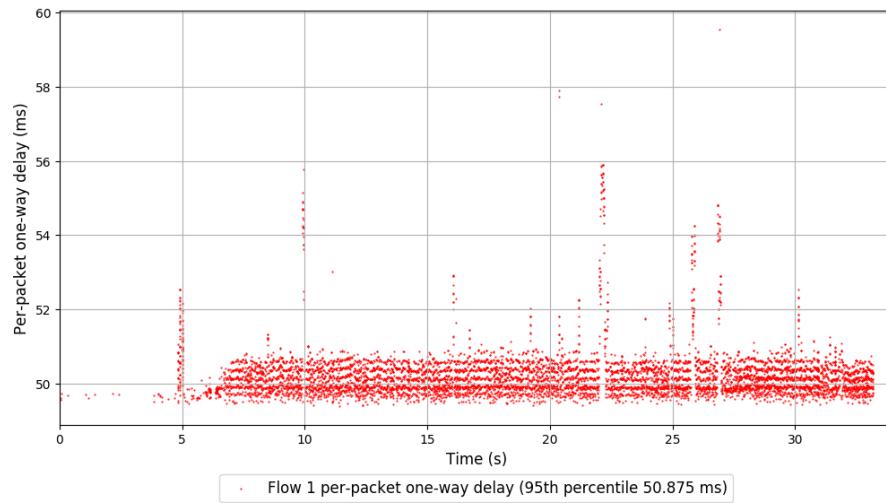
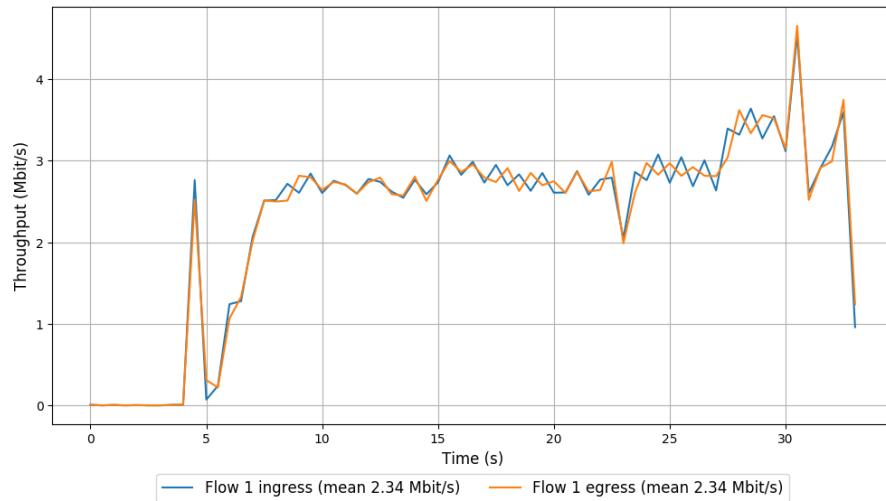


Run 2: Statistics of WebRTC media

```
Start at: Thu, 15 Jun 2017 23:36:59 +0000
End at: Thu, 15 Jun 2017 23:37:29 +0000
Local clock offset: -1.515 ms
Remote clock offset: -4.471 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.03%
```

Run 2: Report of WebRTC media — Data Link

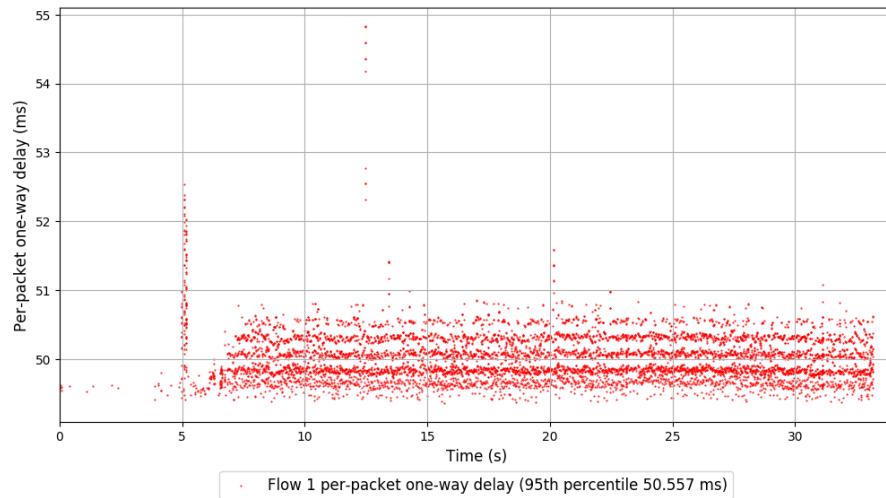
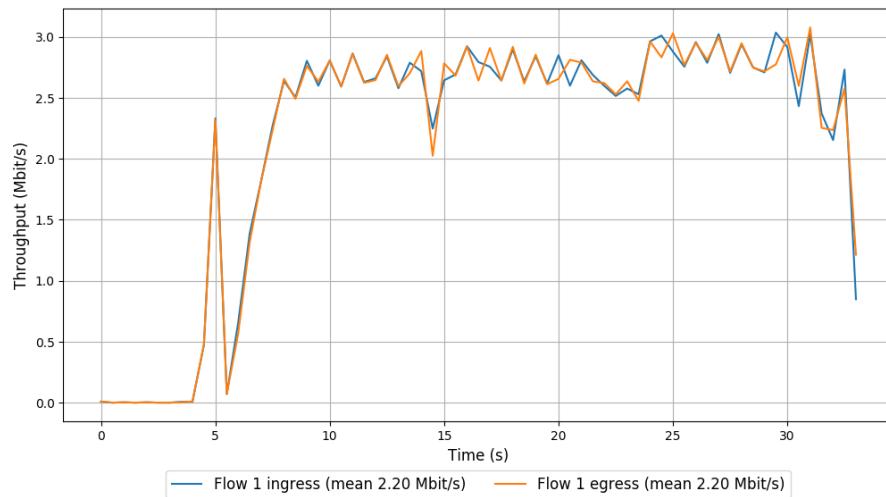


```
Run 3: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:56:46 +0000
End at: Thu, 15 Jun 2017 23:57:16 +0000
Local clock offset: -1.414 ms
Remote clock offset: -2.38 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 50.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 50.557 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

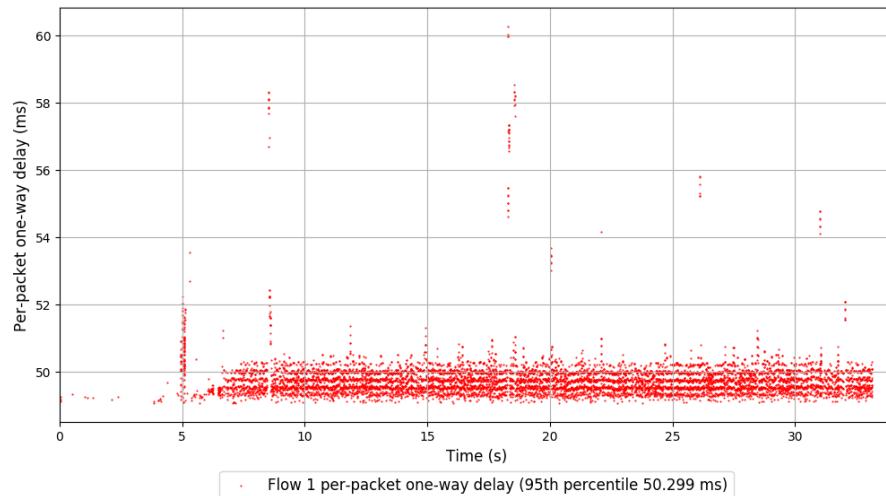
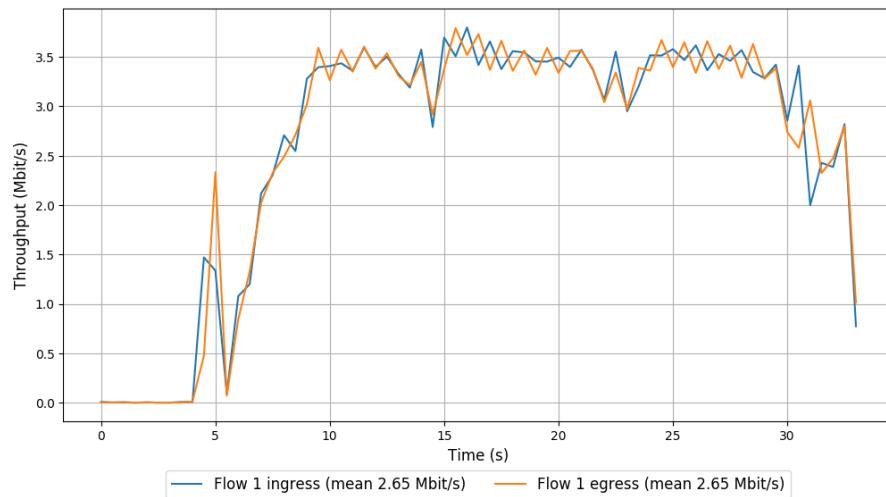


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:16:25 +0000
End at: Fri, 16 Jun 2017 00:16:55 +0000
Local clock offset: -1.705 ms
Remote clock offset: -2.353 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 50.299 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 50.299 ms
Loss rate: 0.11%
```

Run 4: Report of WebRTC media — Data Link

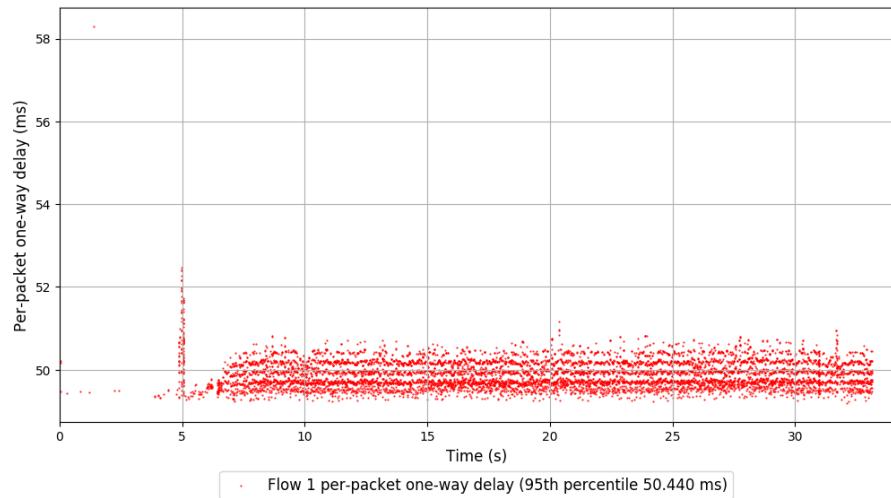
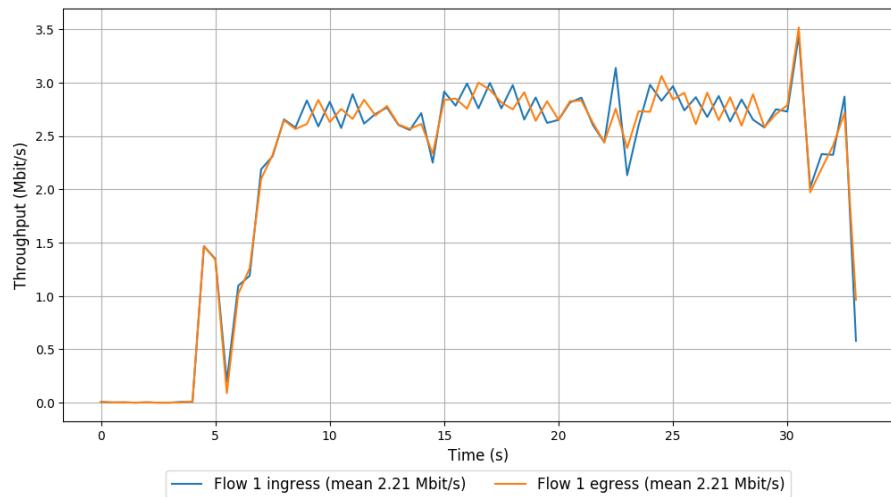


Run 5: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:36:06 +0000
End at: Fri, 16 Jun 2017 00:36:36 +0000
Local clock offset: -1.514 ms
Remote clock offset: -4.355 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 50.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 50.440 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

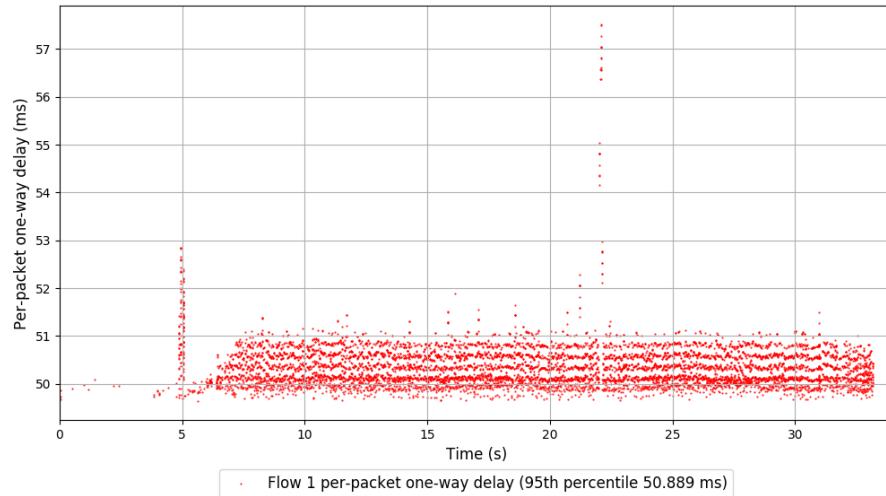
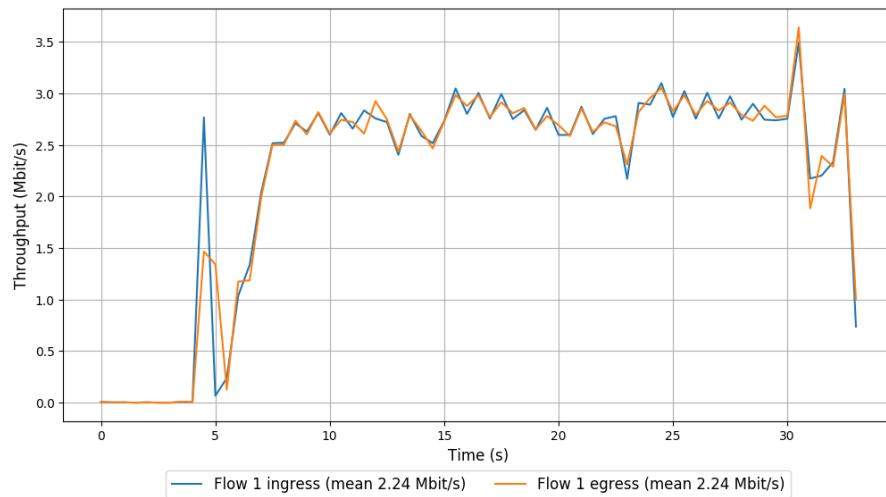


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:55:48 +0000
End at: Fri, 16 Jun 2017 00:56:18 +0000
Local clock offset: -0.915 ms
Remote clock offset: -1.779 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.889 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

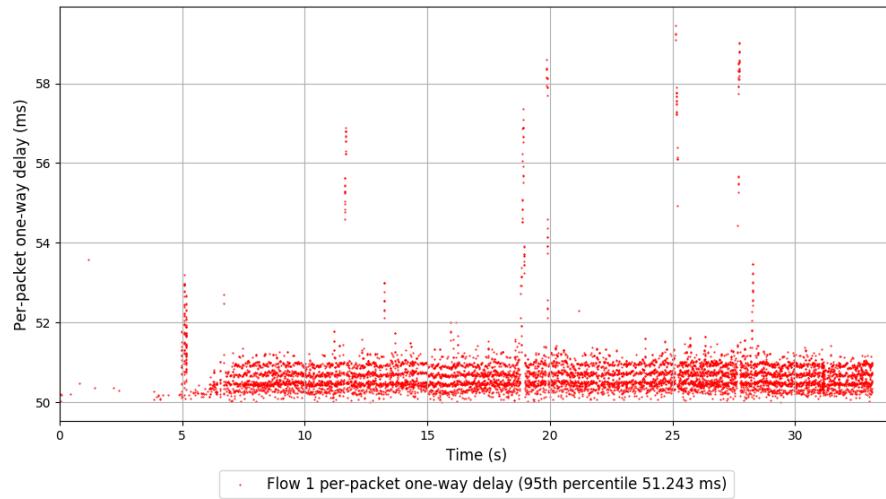
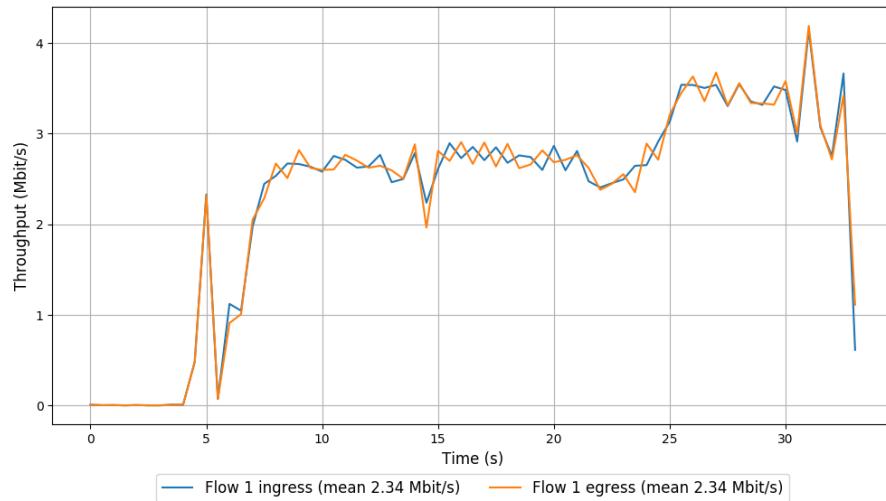


Run 7: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:15:27 +0000
End at: Fri, 16 Jun 2017 01:15:57 +0000
Local clock offset: -0.503 ms
Remote clock offset: -2.103 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.04%
```

Run 7: Report of WebRTC media — Data Link

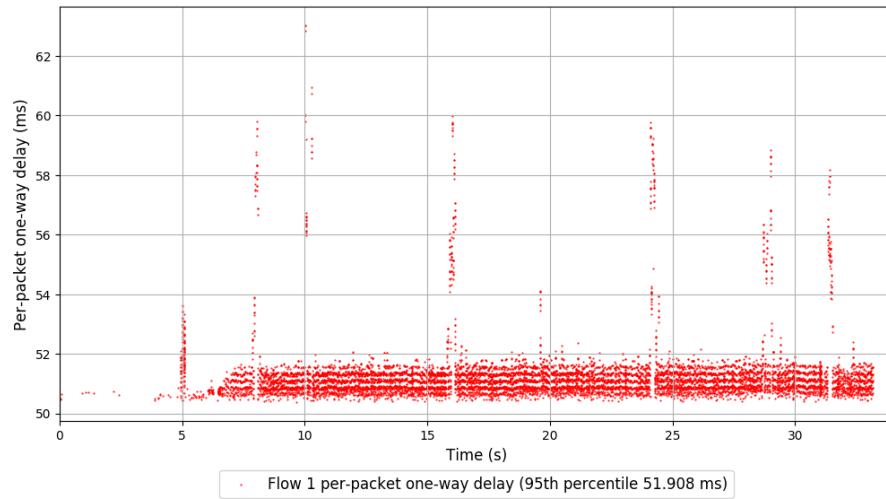
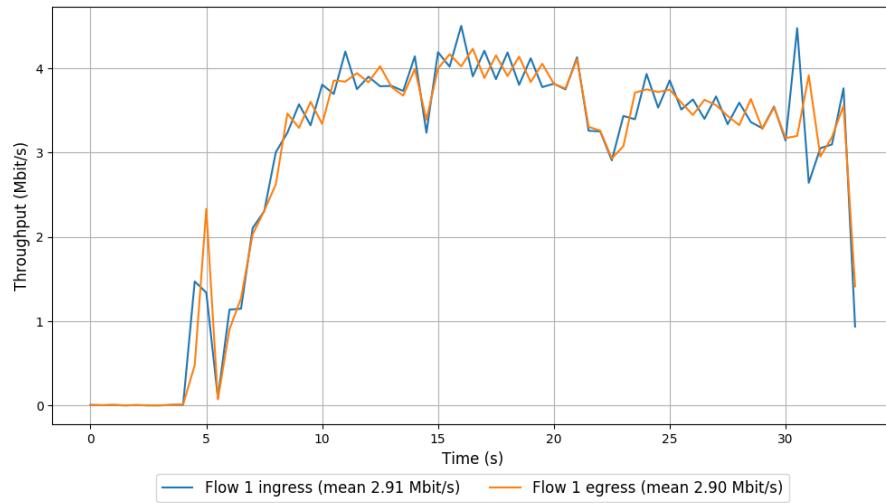


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:35:04 +0000
End at: Fri, 16 Jun 2017 01:35:34 +0000
Local clock offset: -0.175 ms
Remote clock offset: -2.159 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 51.908 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 51.908 ms
Loss rate: 0.31%
```

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 01:54:44 +0000

End at: Fri, 16 Jun 2017 01:55:14 +0000

Local clock offset: 0.244 ms

Remote clock offset: -4.205 ms

Below is generated by plot.py at Fri, 16 Jun 2017 06:32:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 52.495 ms

Loss rate: 0.12%

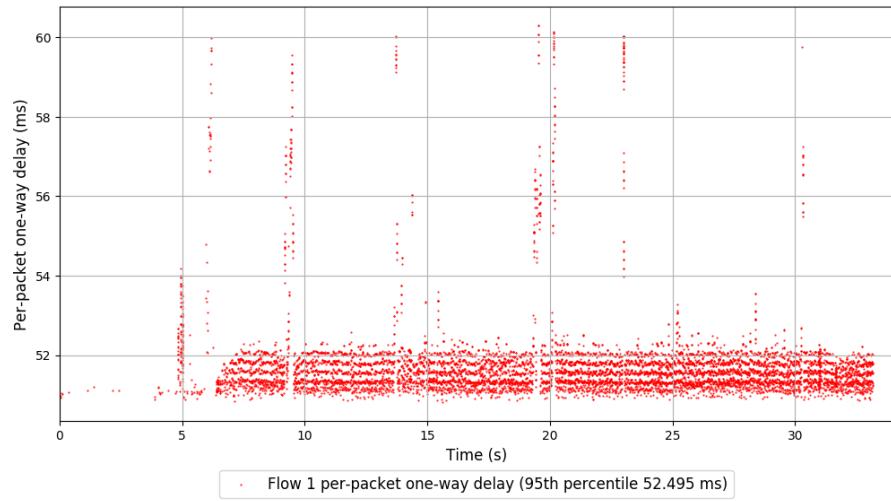
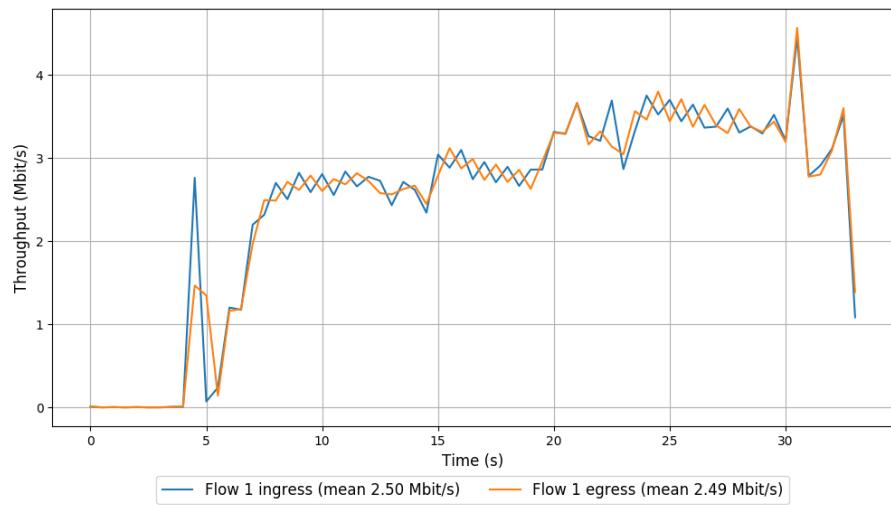
-- Flow 1:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 52.495 ms

Loss rate: 0.12%

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:14:19 +0000
End at: Fri, 16 Jun 2017 02:14:49 +0000
Local clock offset: -0.727 ms
Remote clock offset: -4.301 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 06:32:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 51.123 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 51.123 ms
Loss rate: 0.04%
```

Run 10: Report of WebRTC media — Data Link

