

Pantheon Summary (Generated at Tue, 27 Jun 2017 04:31:09 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

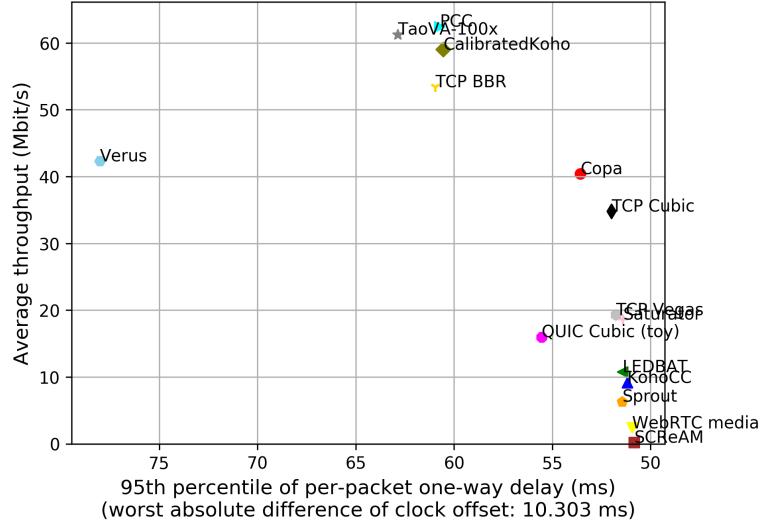
Each test lasted for 30 seconds running 1 flow.

Data path **from** Colombia Ethernet **to** AWS Brazil 2 Ethernet.

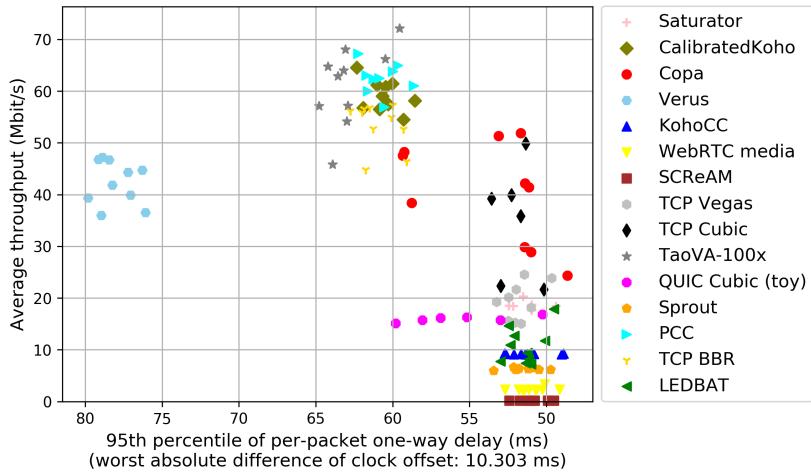
NTP offset measured against gps.ntp.br.

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

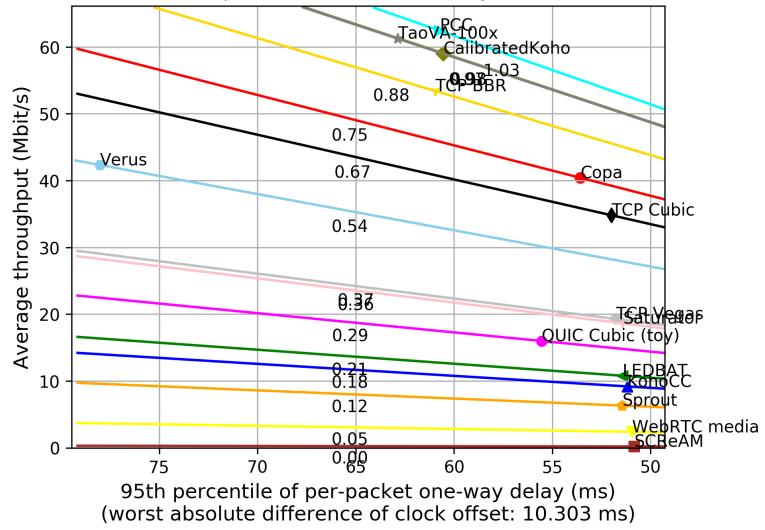
test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme



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

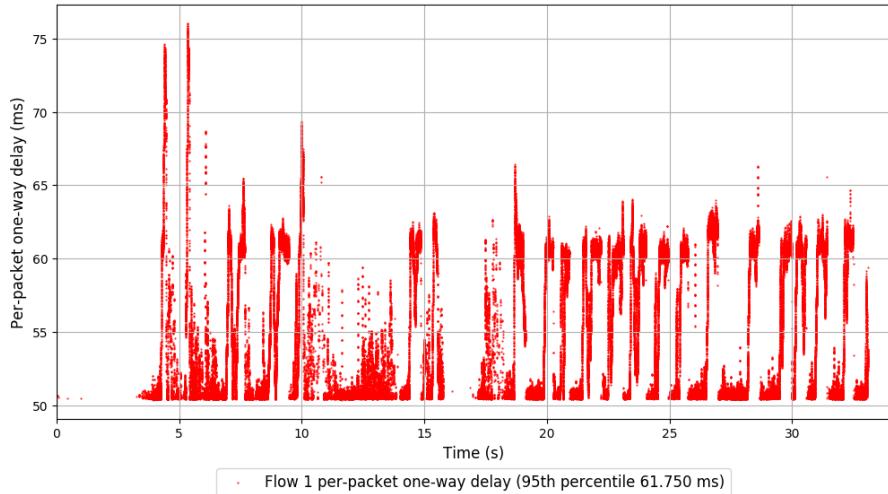
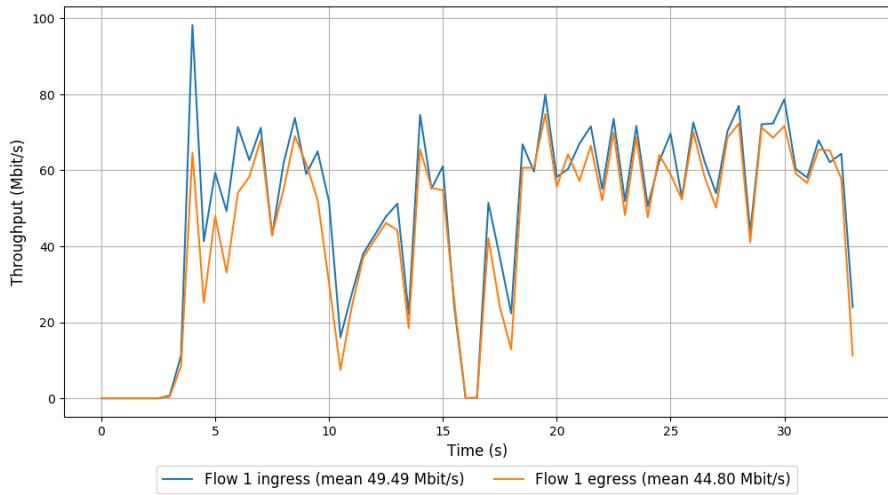


Run 1: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 01:00:51 +0000
End at: Tue, 27 Jun 2017 01:01:22 +0000
Local clock offset: -0.89 ms
Remote clock offset: -8.604 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:23:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 61.750 ms
Loss rate: 9.80%
-- Flow 1:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 61.750 ms
Loss rate: 9.80%
```

Run 1: Report of TCP BBR — Data Link

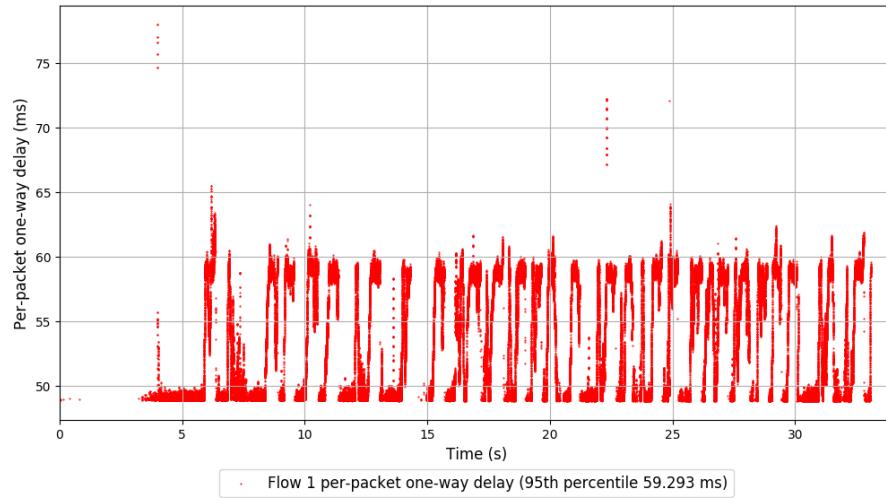
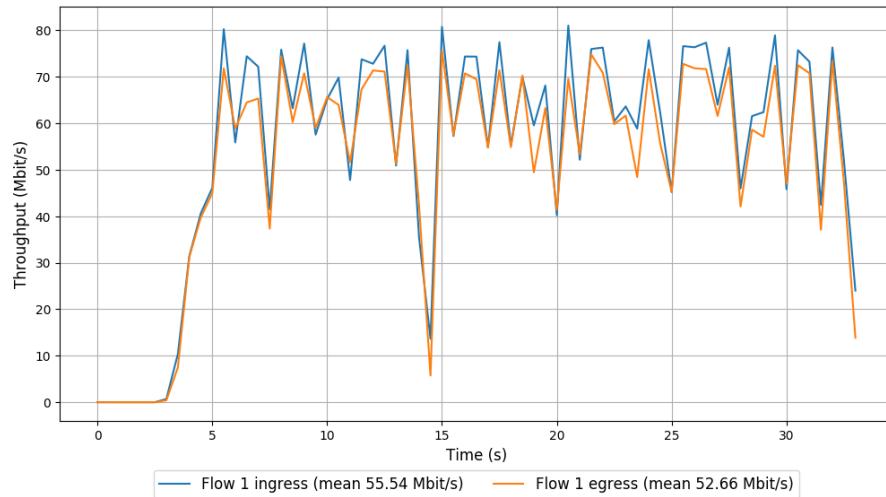


Run 2: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 01:18:10 +0000
End at: Tue, 27 Jun 2017 01:18:40 +0000
Local clock offset: 0.519 ms
Remote clock offset: -8.536 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 59.293 ms
Loss rate: 5.52%
-- Flow 1:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 59.293 ms
Loss rate: 5.52%
```

Run 2: Report of TCP BBR — Data Link

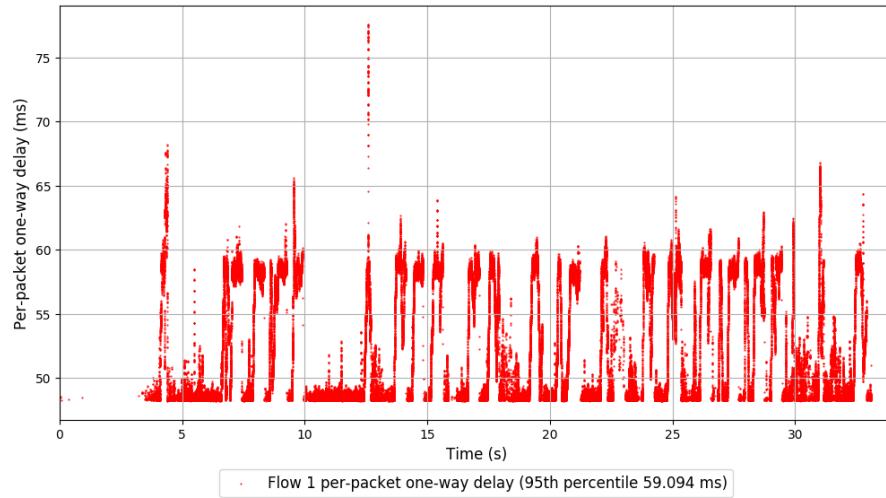
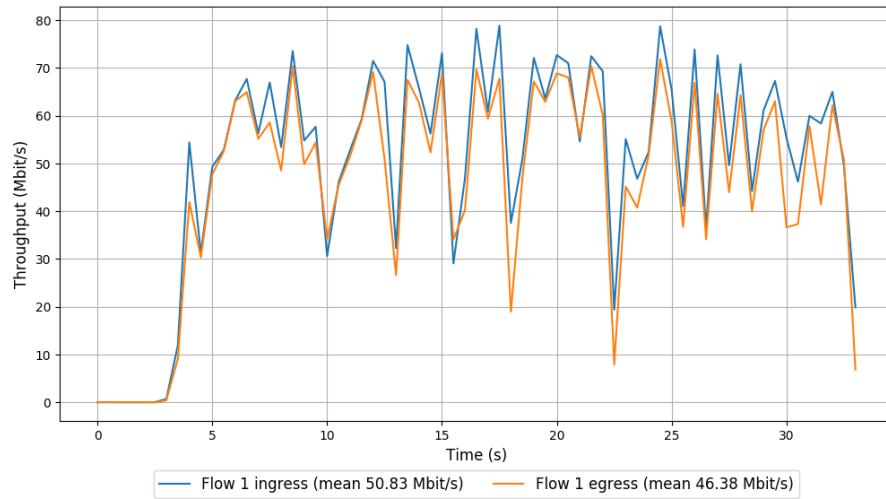


Run 3: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 01:35:31 +0000
End at: Tue, 27 Jun 2017 01:36:01 +0000
Local clock offset: 1.288 ms
Remote clock offset: -8.315 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 59.094 ms
Loss rate: 9.07%
-- Flow 1:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 59.094 ms
Loss rate: 9.07%
```

Run 3: Report of TCP BBR — Data Link

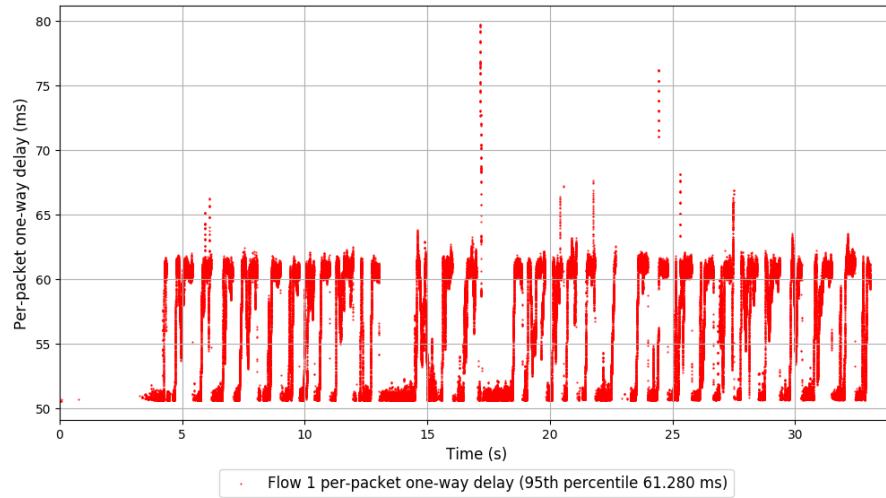
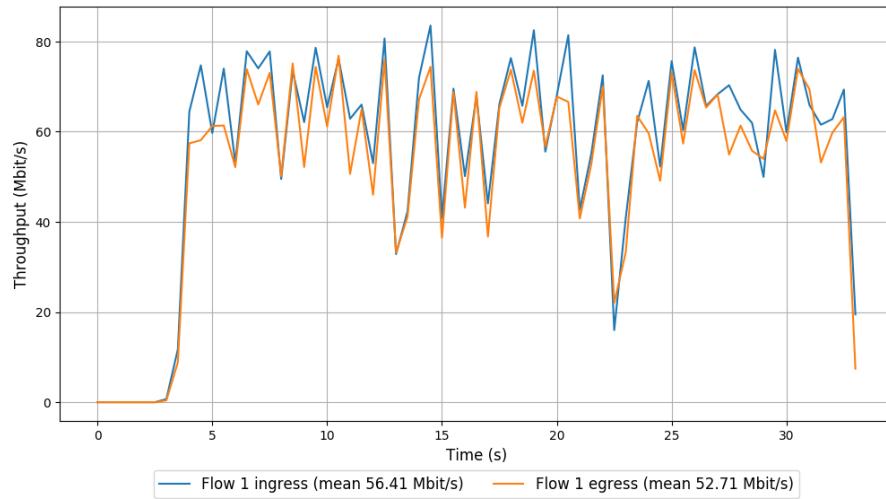


Run 4: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 01:52:57 +0000
End at: Tue, 27 Jun 2017 01:53:27 +0000
Local clock offset: 0.011 ms
Remote clock offset: -8.094 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 61.280 ms
Loss rate: 6.88%
-- Flow 1:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 61.280 ms
Loss rate: 6.88%
```

Run 4: Report of TCP BBR — Data Link

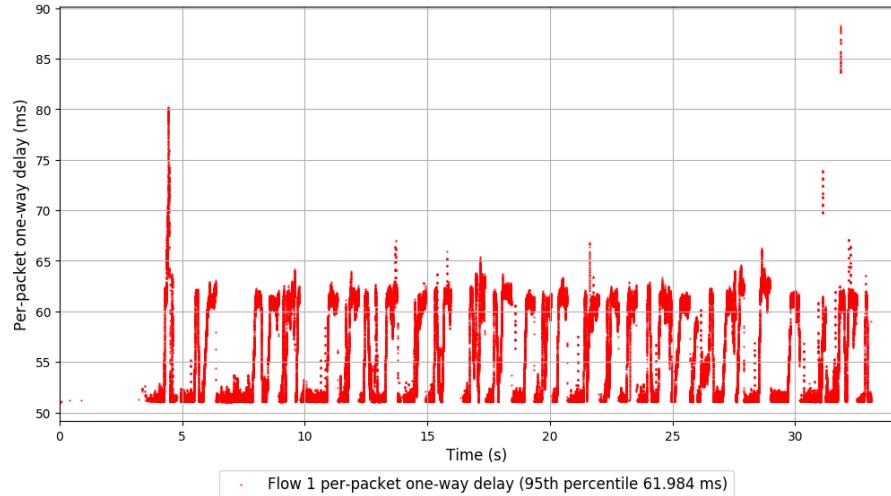
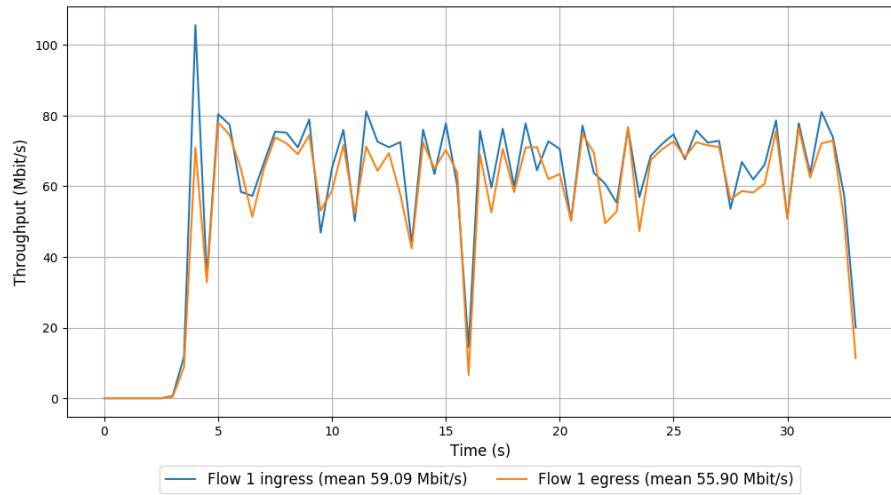


Run 5: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 02:10:31 +0000
End at: Tue, 27 Jun 2017 02:11:01 +0000
Local clock offset: -0.623 ms
Remote clock offset: -7.787 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 61.984 ms
Loss rate: 5.71%
-- Flow 1:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 61.984 ms
Loss rate: 5.71%
```

Run 5: Report of TCP BBR — Data Link

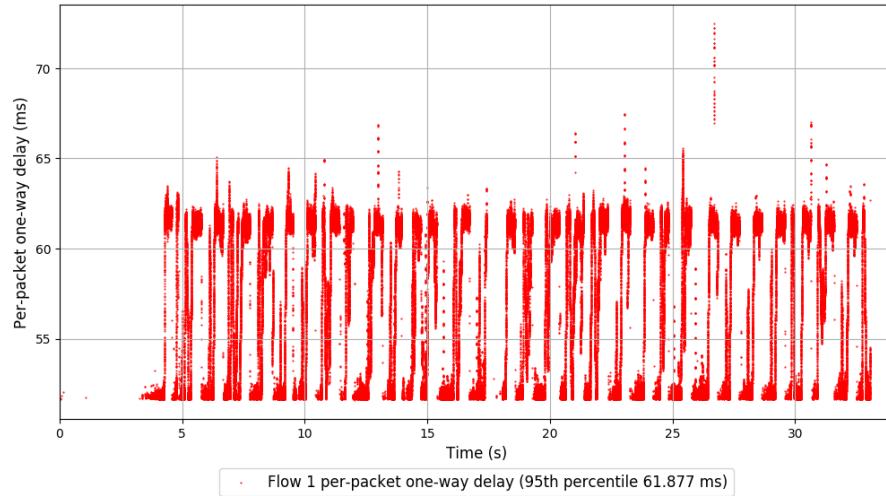
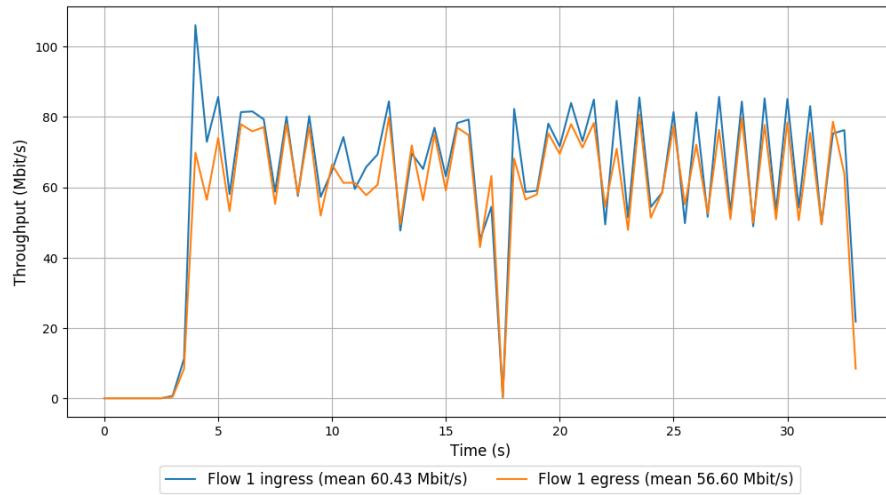


Run 6: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 02:28:02 +0000
End at: Tue, 27 Jun 2017 02:28:32 +0000
Local clock offset: -0.407 ms
Remote clock offset: -7.423 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.60 Mbit/s
95th percentile per-packet one-way delay: 61.877 ms
Loss rate: 6.65%
-- Flow 1:
Average throughput: 56.60 Mbit/s
95th percentile per-packet one-way delay: 61.877 ms
Loss rate: 6.65%
```

Run 6: Report of TCP BBR — Data Link

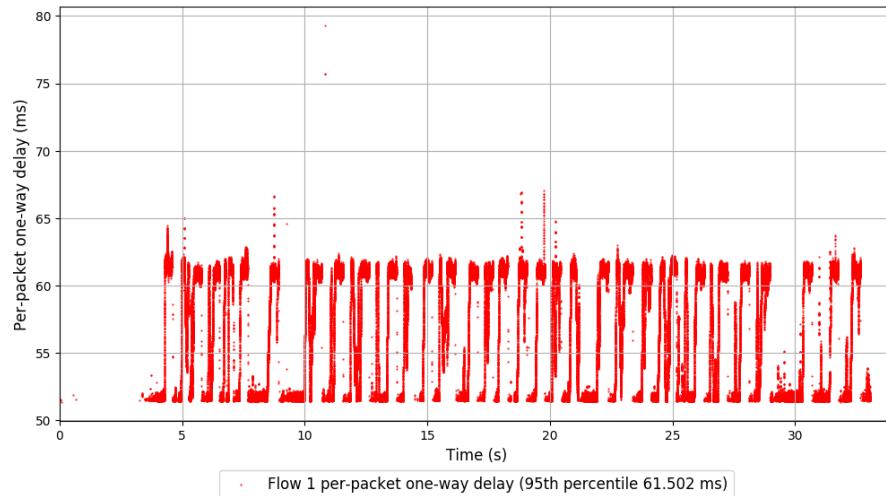
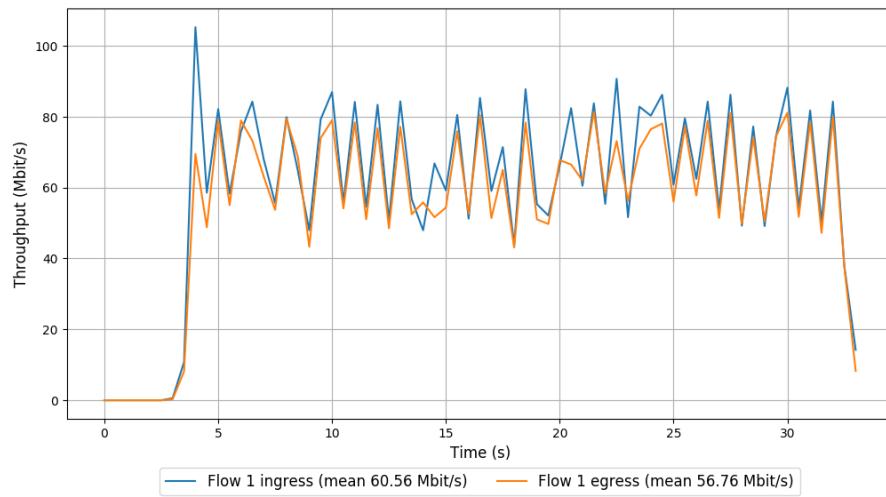


Run 7: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 02:45:31 +0000
End at: Tue, 27 Jun 2017 02:46:01 +0000
Local clock offset: -0.41 ms
Remote clock offset: -7.075 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 61.502 ms
Loss rate: 6.66%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 61.502 ms
Loss rate: 6.66%
```

Run 7: Report of TCP BBR — Data Link

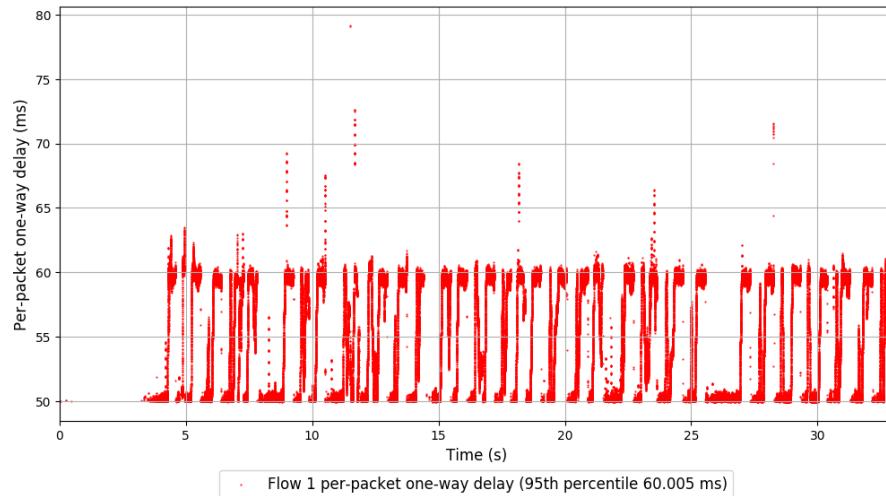
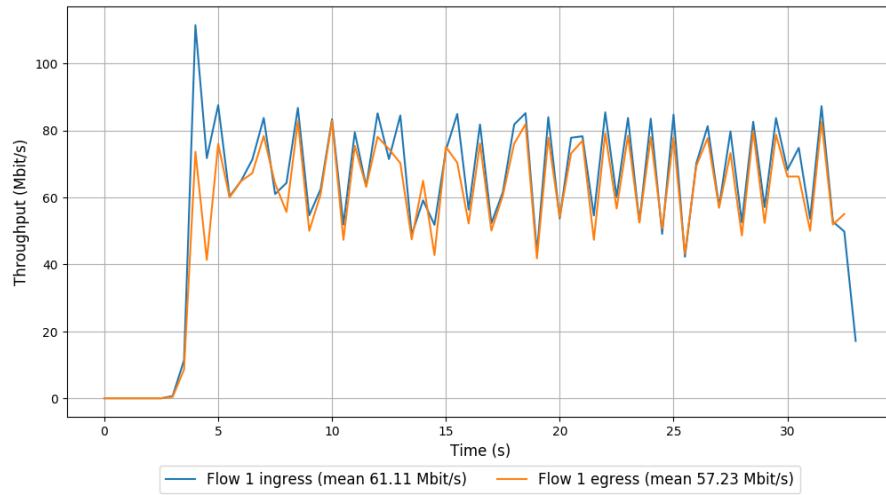


Run 8: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 03:03:02 +0000
End at: Tue, 27 Jun 2017 03:03:32 +0000
Local clock offset: 0.637 ms
Remote clock offset: -7.745 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 60.005 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 60.005 ms
Loss rate: 6.93%
```

Run 8: Report of TCP BBR — Data Link

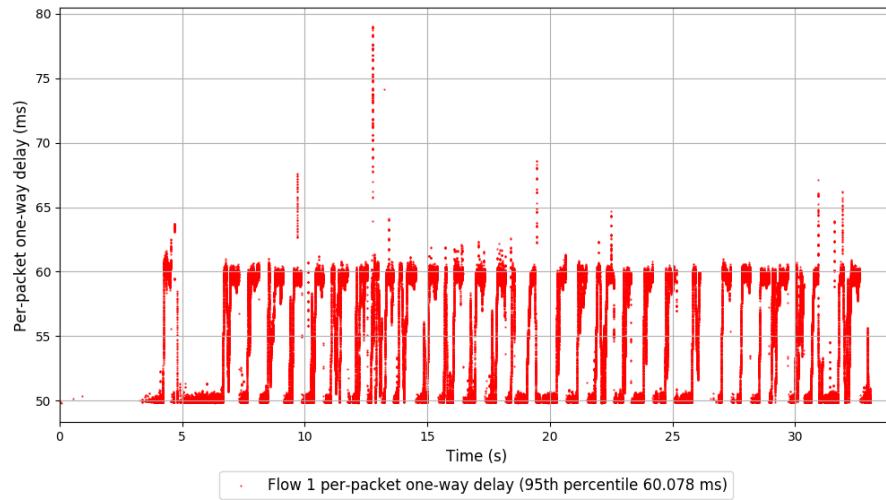
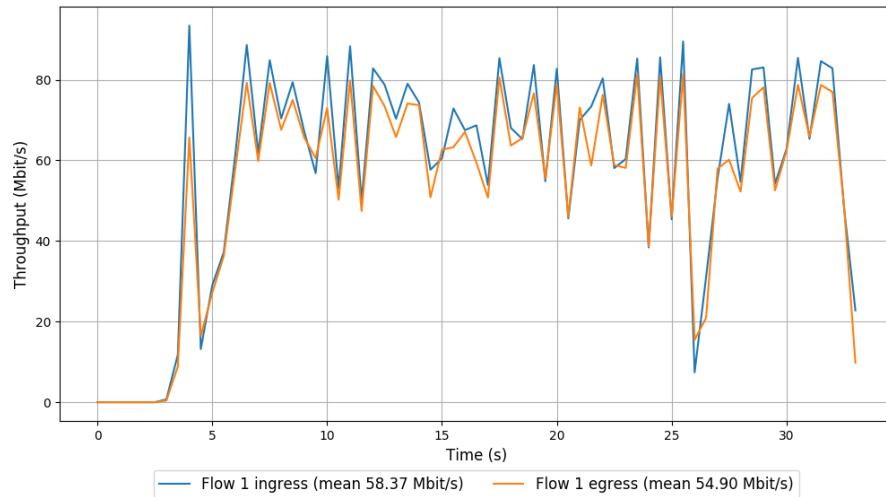


Run 9: Statistics of TCP BBR

```
Start at: Tue, 27 Jun 2017 03:20:31 +0000
End at: Tue, 27 Jun 2017 03:21:01 +0000
Local clock offset: 1.353 ms
Remote clock offset: -6.818 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.90 Mbit/s
95th percentile per-packet one-way delay: 60.078 ms
Loss rate: 6.26%
-- Flow 1:
Average throughput: 54.90 Mbit/s
95th percentile per-packet one-way delay: 60.078 ms
Loss rate: 6.26%
```

Run 9: Report of TCP BBR — Data Link

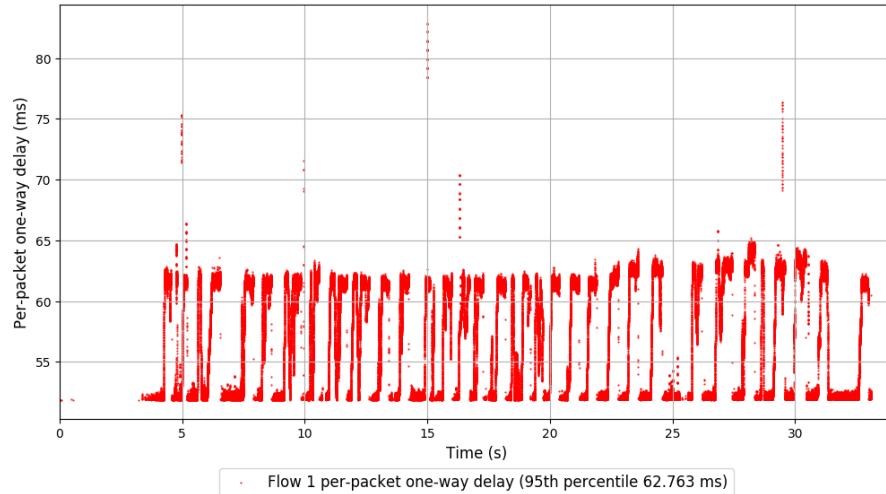
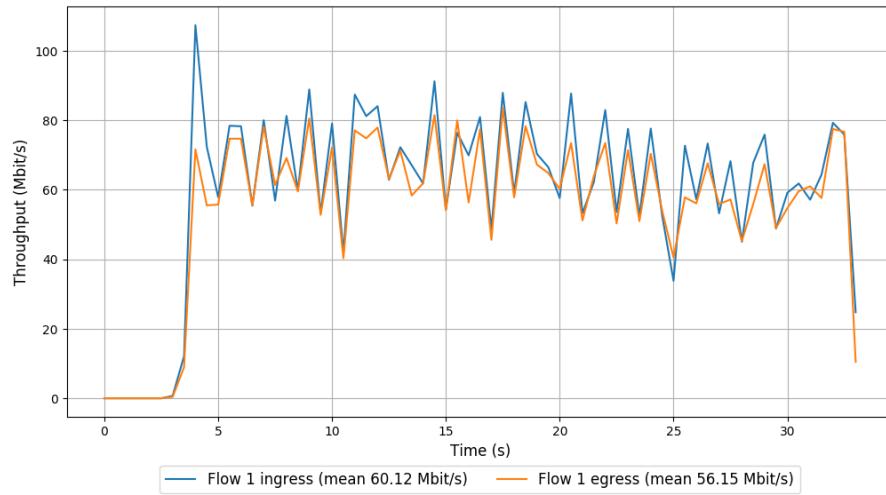


```
Run 10: Statistics of TCP BBR
```

```
Start at: Tue, 27 Jun 2017 03:37:58 +0000
End at: Tue, 27 Jun 2017 03:38:28 +0000
Local clock offset: 1.203 ms
Remote clock offset: -4.921 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 62.763 ms
Loss rate: 6.90%
-- Flow 1:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 62.763 ms
Loss rate: 6.90%
```

Run 10: Report of TCP BBR — Data Link

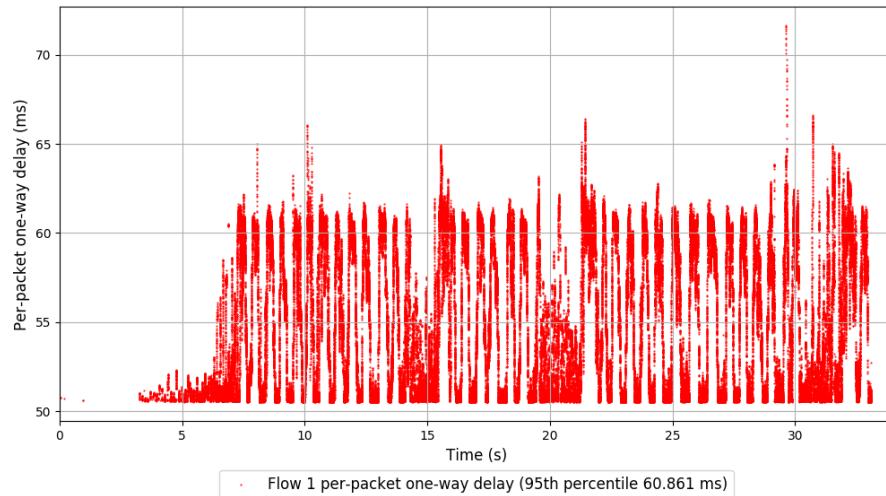
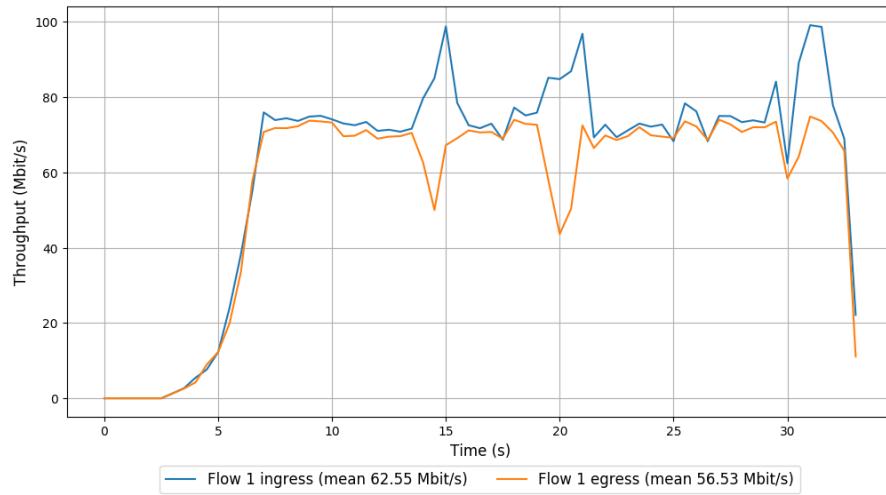


```
Run 1: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 01:06:33 +0000
End at: Tue, 27 Jun 2017 01:07:03 +0000
Local clock offset: -1.031 ms
Remote clock offset: -8.59 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 60.861 ms
Loss rate: 9.94%
-- Flow 1:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 60.861 ms
Loss rate: 9.94%
```

Run 1: Report of CalibratedKoho — Data Link

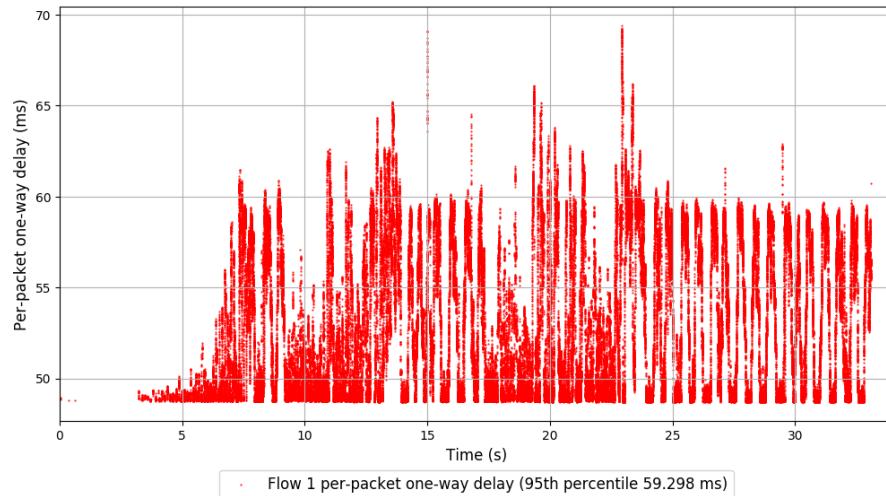
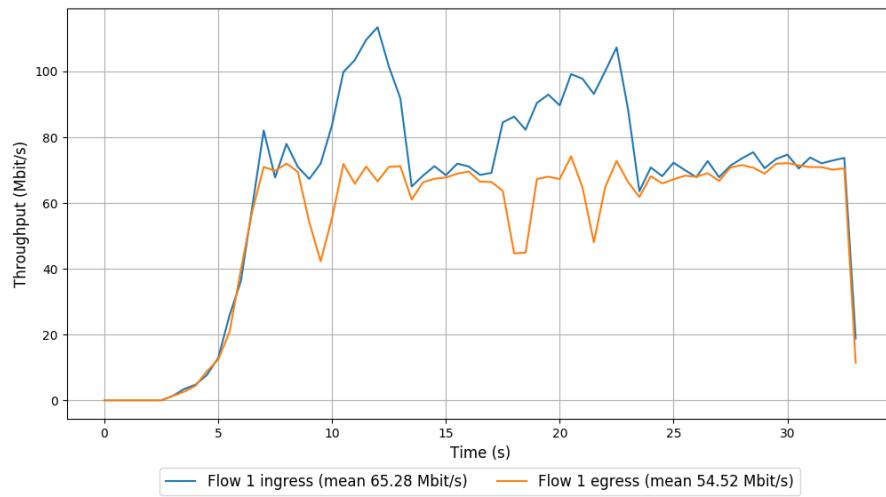


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 27 Jun 2017 01:23:55 +0000
End at: Tue, 27 Jun 2017 01:24:25 +0000
Local clock offset: 1.186 ms
Remote clock offset: -8.997 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 59.298 ms
Loss rate: 16.76%
-- Flow 1:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 59.298 ms
Loss rate: 16.76%
```

Run 2: Report of CalibratedKoho — Data Link

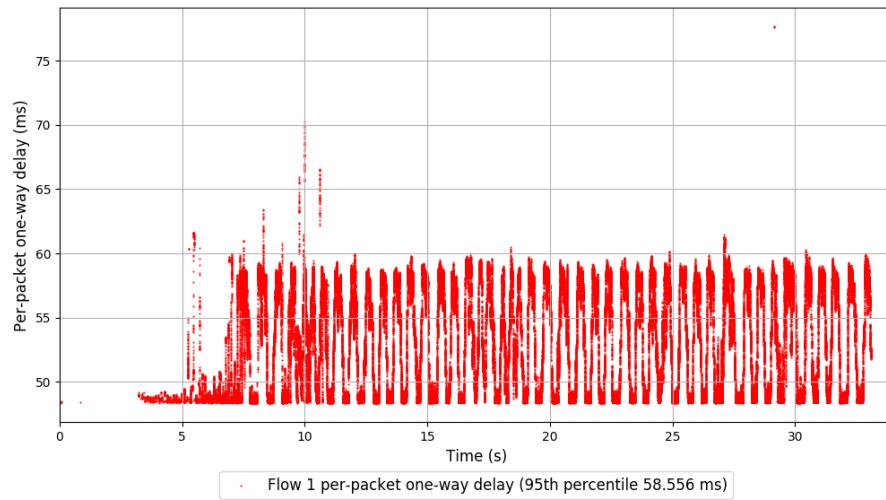
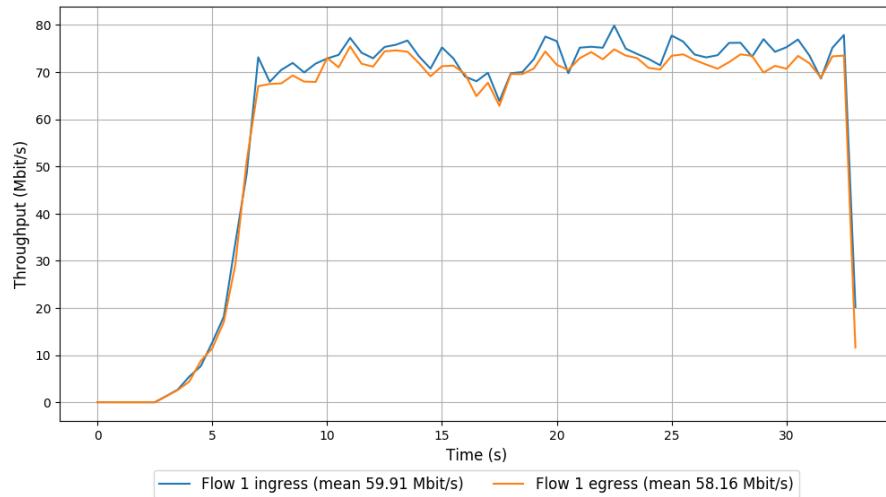


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 27 Jun 2017 01:41:15 +0000
End at: Tue, 27 Jun 2017 01:41:45 +0000
Local clock offset: 1.315 ms
Remote clock offset: -8.355 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.16 Mbit/s
95th percentile per-packet one-way delay: 58.556 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 58.16 Mbit/s
95th percentile per-packet one-way delay: 58.556 ms
Loss rate: 3.24%
```

Run 3: Report of CalibratedKoho — Data Link

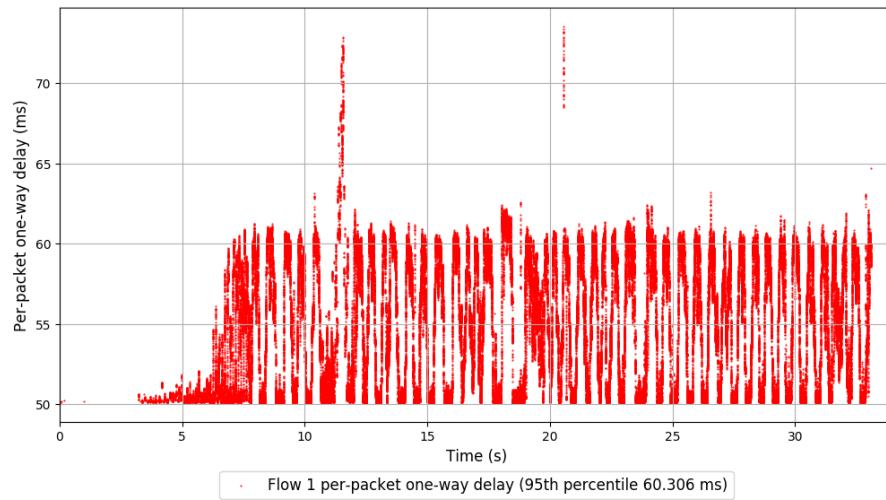
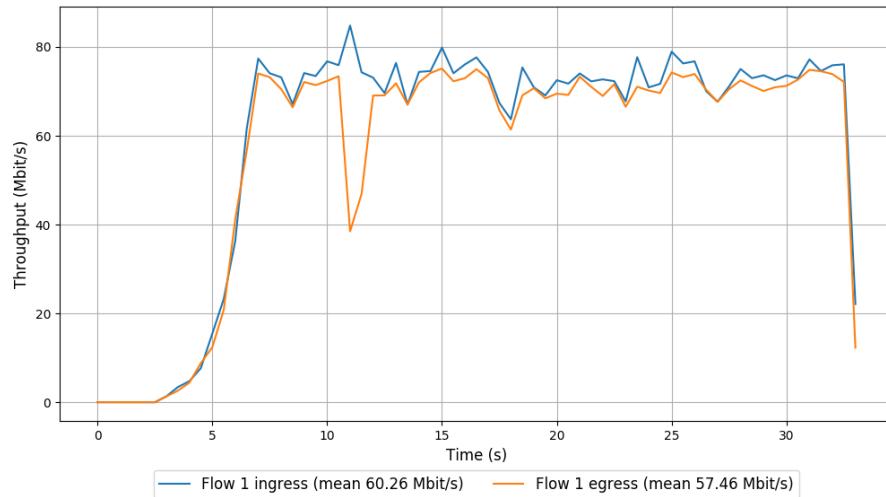


Run 4: Statistics of CalibratedKoho

```
Start at: Tue, 27 Jun 2017 01:58:42 +0000
End at: Tue, 27 Jun 2017 01:59:13 +0000
Local clock offset: -0.466 ms
Remote clock offset: -8.087 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 60.306 ms
Loss rate: 4.96%
-- Flow 1:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 60.306 ms
Loss rate: 4.96%
```

Run 4: Report of CalibratedKoho — Data Link

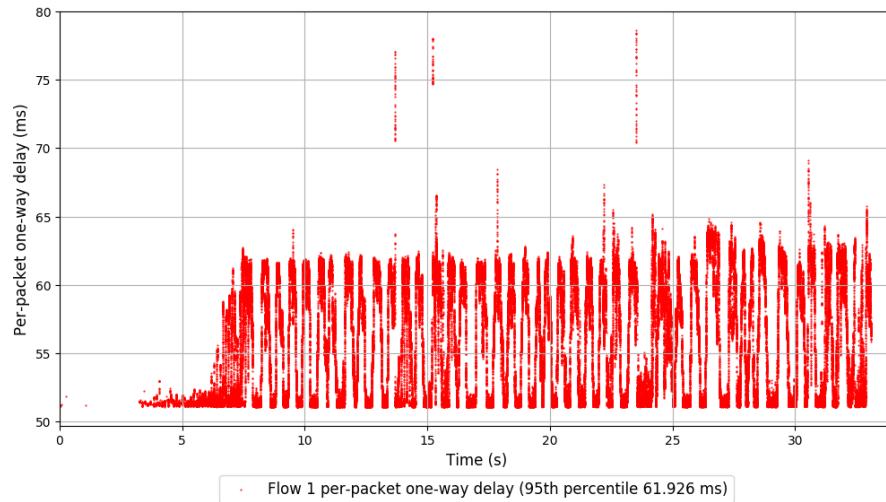
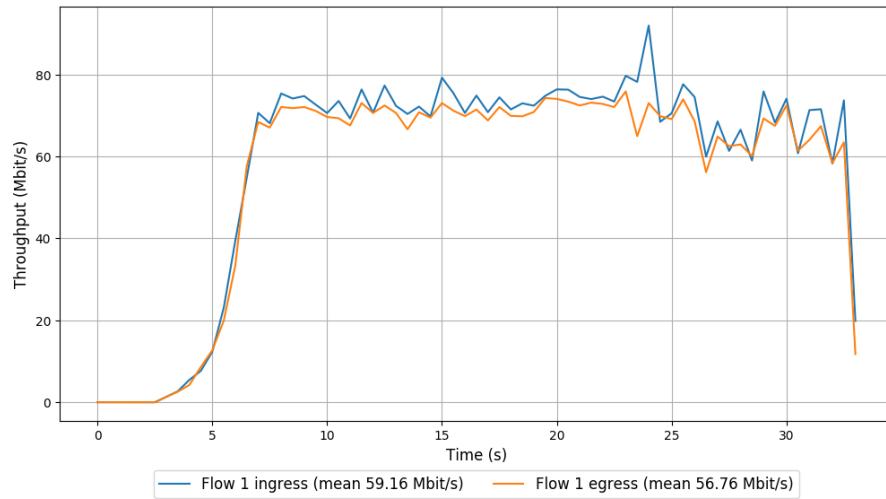


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 27 Jun 2017 02:16:12 +0000
End at: Tue, 27 Jun 2017 02:16:42 +0000
Local clock offset: -0.599 ms
Remote clock offset: -7.658 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:24:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 61.926 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 61.926 ms
Loss rate: 4.38%
```

Run 5: Report of CalibratedKoho — Data Link

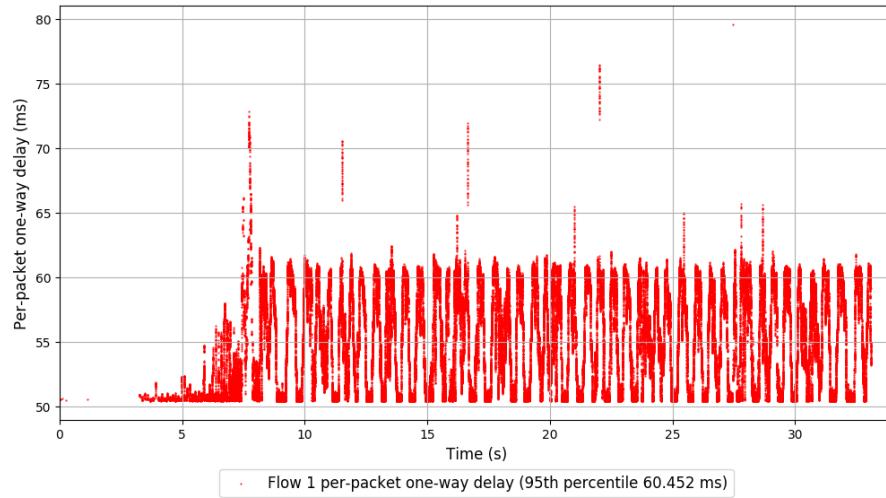
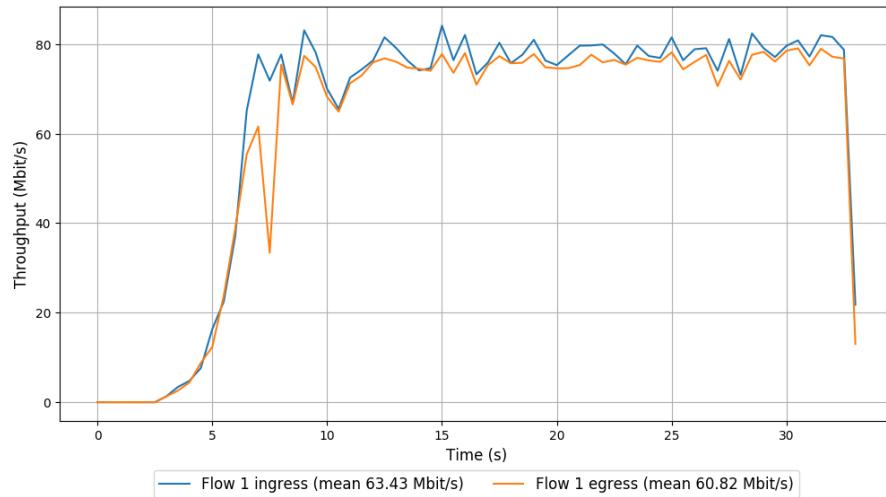


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 27 Jun 2017 02:33:46 +0000
End at: Tue, 27 Jun 2017 02:34:16 +0000
Local clock offset: -0.419 ms
Remote clock offset: -7.185 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 60.452 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 60.452 ms
Loss rate: 4.43%
```

Run 6: Report of CalibratedKoho — Data Link

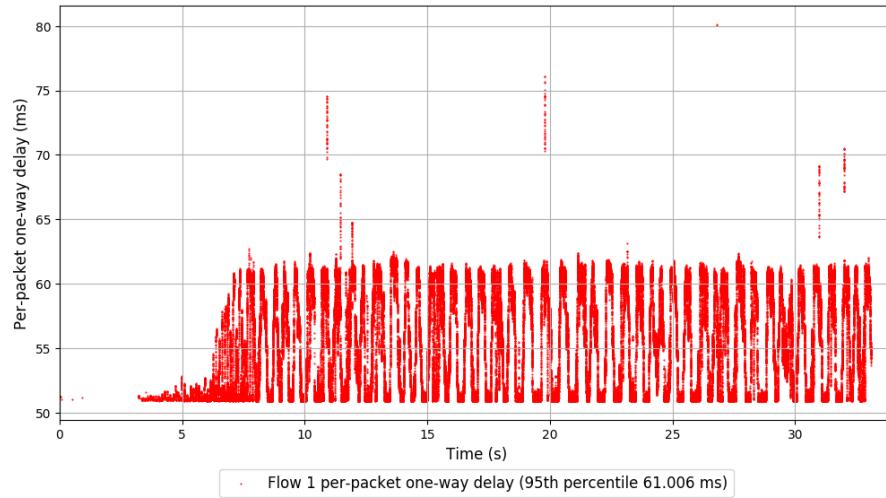
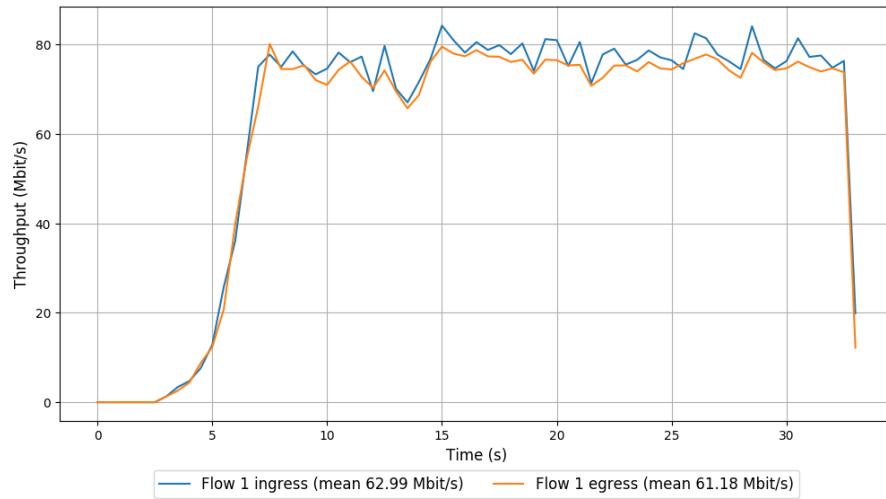


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 27 Jun 2017 02:51:17 +0000
End at: Tue, 27 Jun 2017 02:51:47 +0000
Local clock offset: -0.43 ms
Remote clock offset: -7.636 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 61.006 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 61.006 ms
Loss rate: 3.21%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 27 Jun 2017 03:08:51 +0000
```

```
End at: Tue, 27 Jun 2017 03:09:21 +0000
```

```
Local clock offset: 0.835 ms
```

```
Remote clock offset: -7.493 ms
```

```
# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:12 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 61.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.029 ms
```

```
Loss rate: 3.42%
```

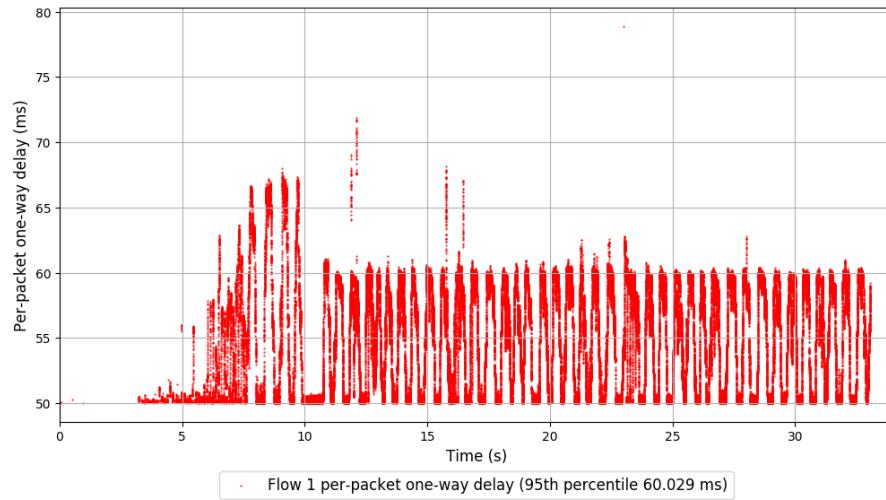
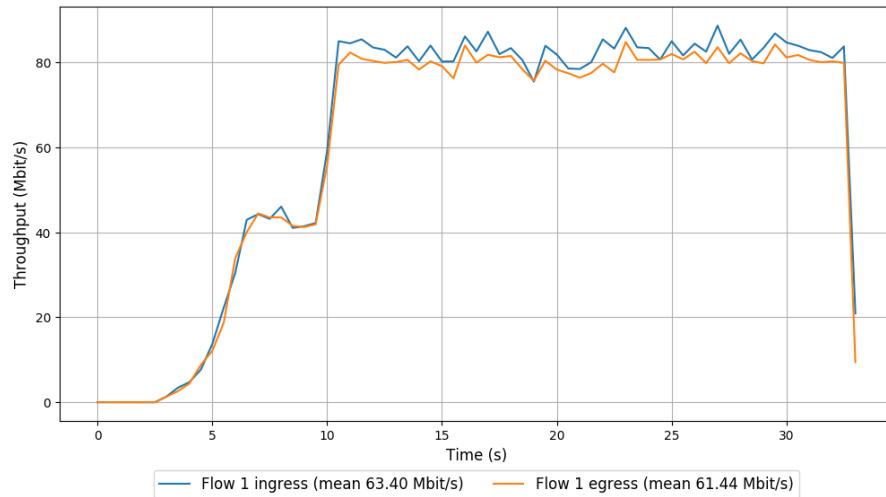
```
-- Flow 1:
```

```
Average throughput: 61.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.029 ms
```

```
Loss rate: 3.42%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 27 Jun 2017 03:26:16 +0000
```

```
End at: Tue, 27 Jun 2017 03:26:46 +0000
```

```
Local clock offset: 1.562 ms
```

```
Remote clock offset: -6.46 ms
```

```
# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:18 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 59.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.657 ms
```

```
Loss rate: 2.96%
```

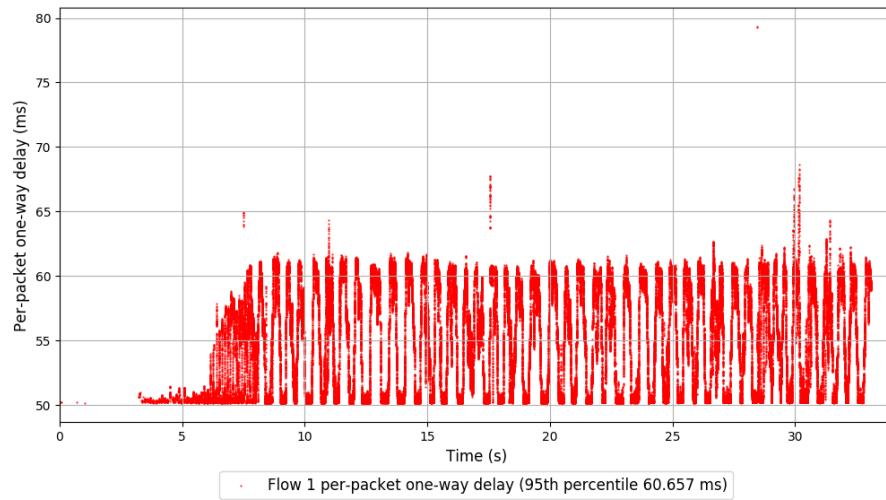
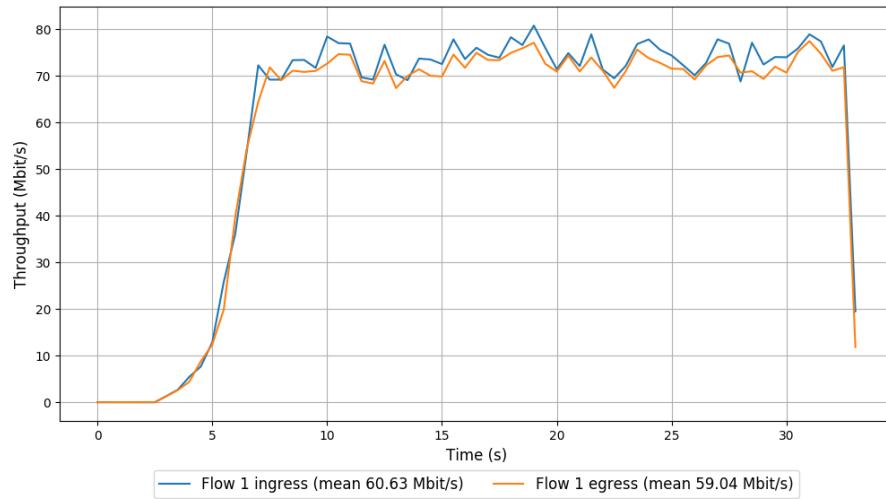
```
-- Flow 1:
```

```
Average throughput: 59.04 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.657 ms
```

```
Loss rate: 2.96%
```

Run 9: Report of CalibratedKoho — Data Link

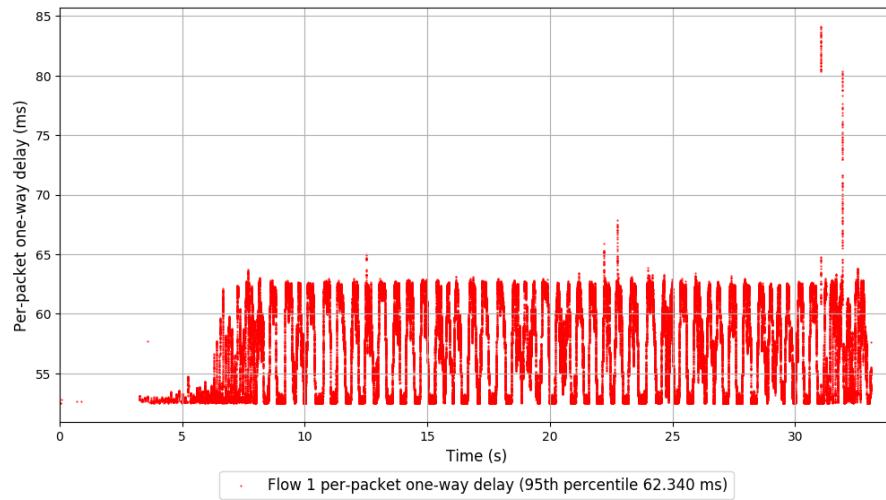
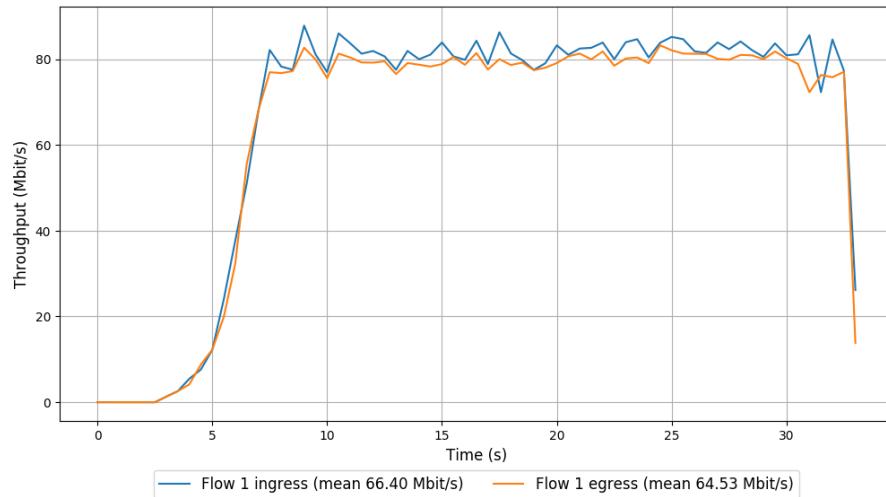


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 27 Jun 2017 03:43:40 +0000
End at: Tue, 27 Jun 2017 03:44:10 +0000
Local clock offset: 1.222 ms
Remote clock offset: -4.148 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.53 Mbit/s
95th percentile per-packet one-way delay: 62.340 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 64.53 Mbit/s
95th percentile per-packet one-way delay: 62.340 ms
Loss rate: 3.14%
```

Run 10: Report of CalibratedKoho — Data Link

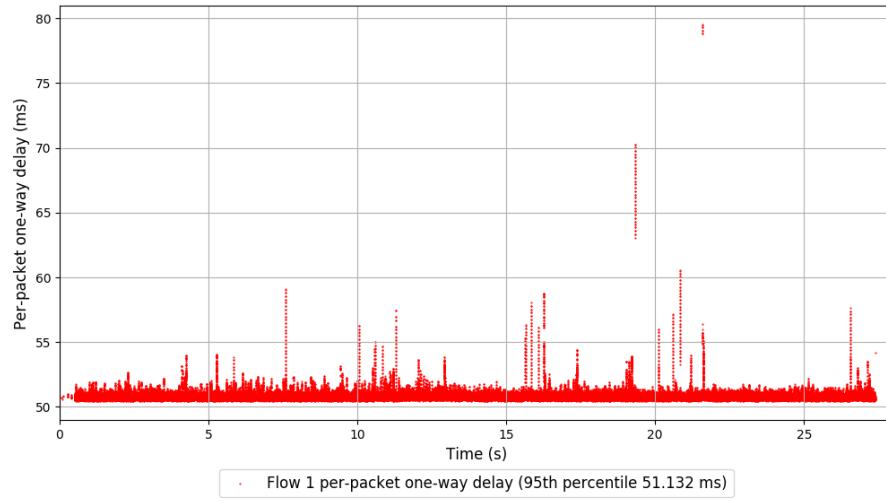
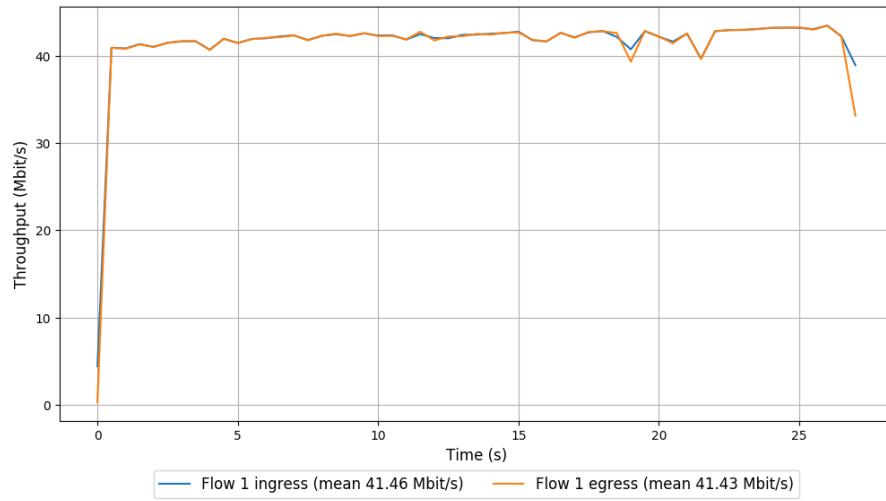


Run 1: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 01:07:46 +0000
End at: Tue, 27 Jun 2017 01:08:16 +0000
Local clock offset: -0.939 ms
Remote clock offset: -8.458 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.43 Mbit/s
95th percentile per-packet one-way delay: 51.132 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 41.43 Mbit/s
95th percentile per-packet one-way delay: 51.132 ms
Loss rate: 0.50%
```

Run 1: Report of Copa — Data Link

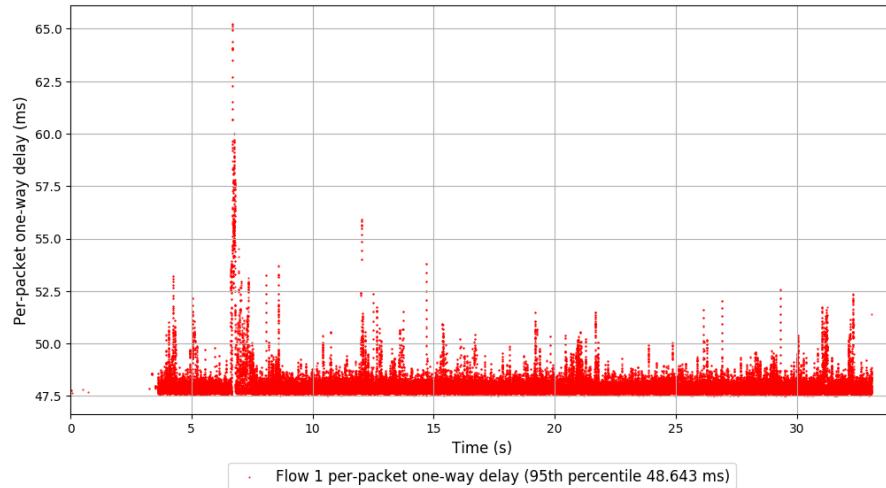
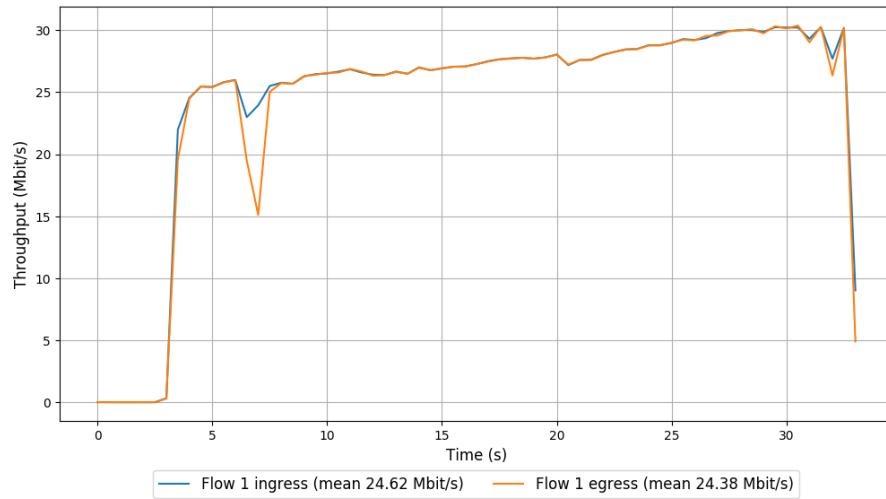


Run 2: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 01:25:07 +0000
End at: Tue, 27 Jun 2017 01:25:37 +0000
Local clock offset: 1.243 ms
Remote clock offset: -8.511 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 48.643 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 48.643 ms
Loss rate: 1.31%
```

Run 2: Report of Copa — Data Link

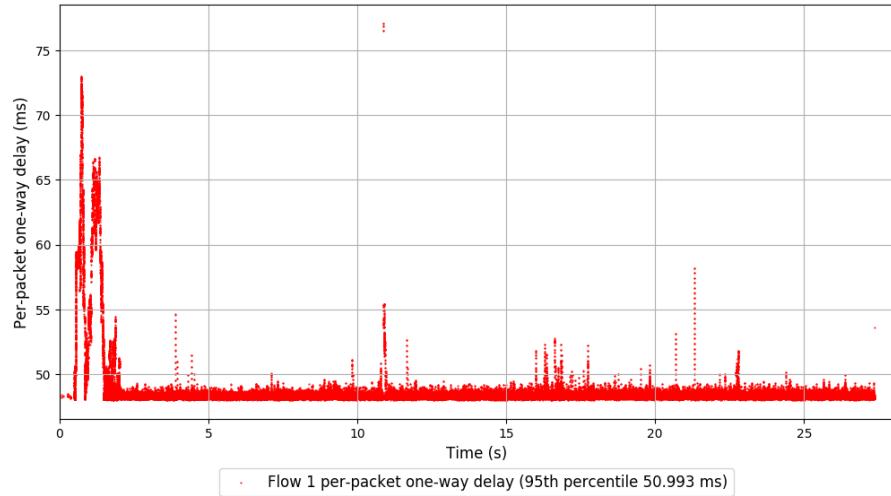
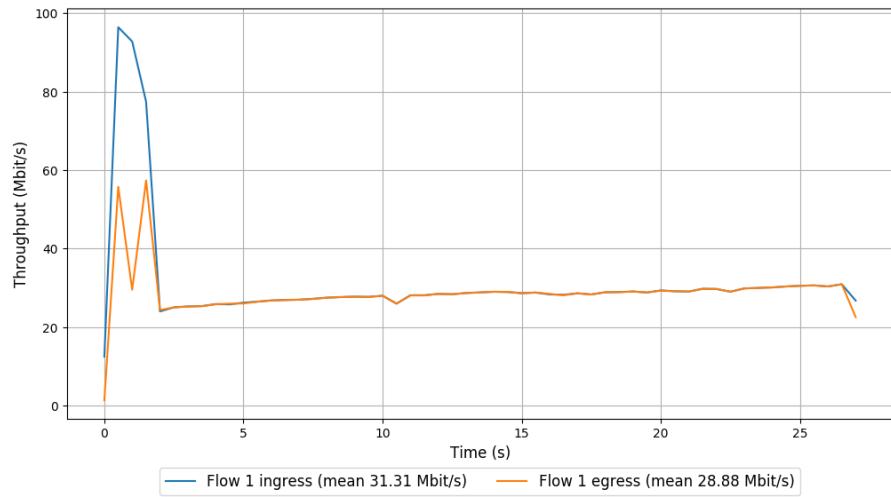


Run 3: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 01:42:27 +0000
End at: Tue, 27 Jun 2017 01:42:57 +0000
Local clock offset: 1.199 ms
Remote clock offset: -8.286 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.88 Mbit/s
95th percentile per-packet one-way delay: 50.993 ms
Loss rate: 8.12%
-- Flow 1:
Average throughput: 28.88 Mbit/s
95th percentile per-packet one-way delay: 50.993 ms
Loss rate: 8.12%
```

Run 3: Report of Copa — Data Link

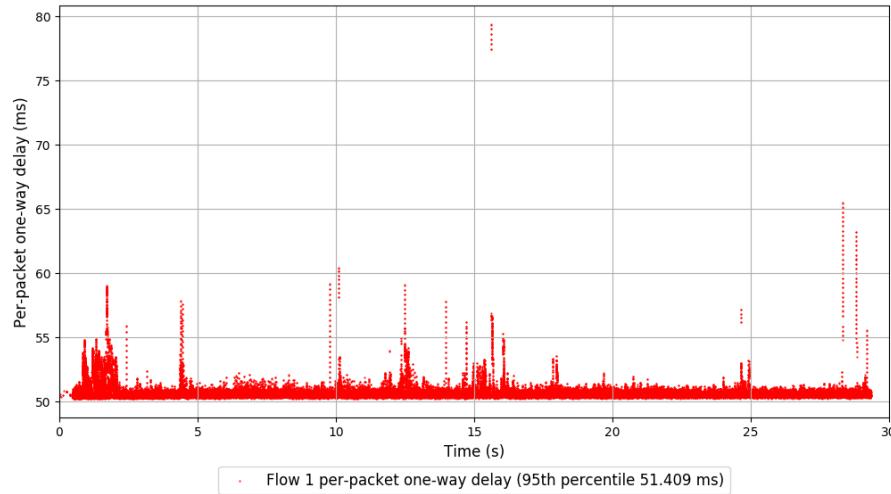
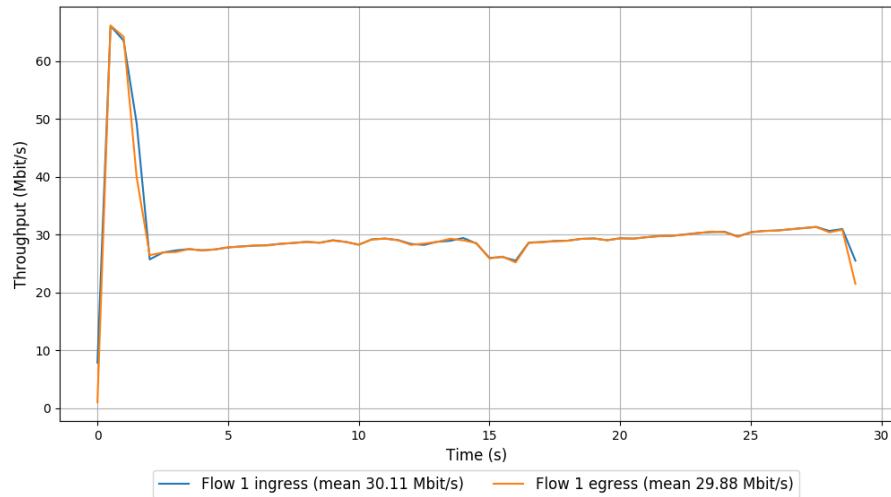


Run 4: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 01:59:54 +0000
End at: Tue, 27 Jun 2017 02:00:24 +0000
Local clock offset: -0.526 ms
Remote clock offset: -7.808 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 51.409 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 51.409 ms
Loss rate: 1.14%
```

Run 4: Report of Copa — Data Link

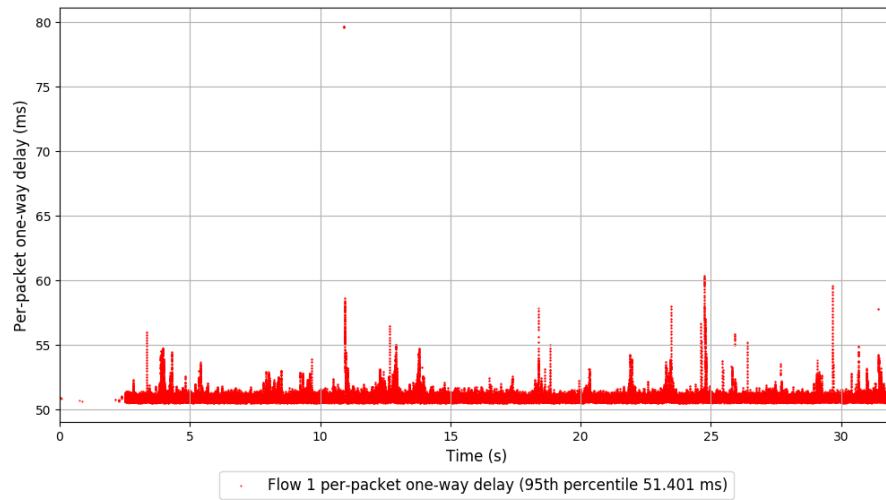
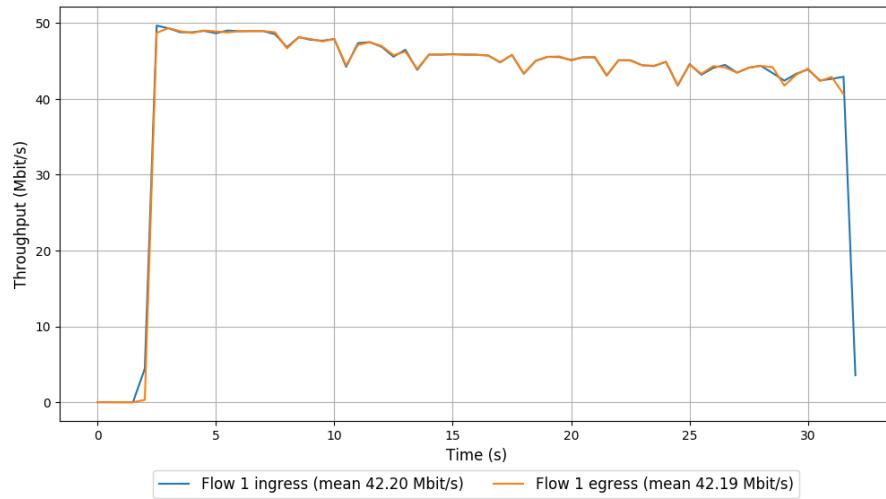


Run 5: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 02:17:32 +0000
End at: Tue, 27 Jun 2017 02:18:02 +0000
Local clock offset: -0.642 ms
Remote clock offset: -7.427 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.19 Mbit/s
95th percentile per-packet one-way delay: 51.401 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 42.19 Mbit/s
95th percentile per-packet one-way delay: 51.401 ms
Loss rate: 0.38%
```

Run 5: Report of Copa — Data Link

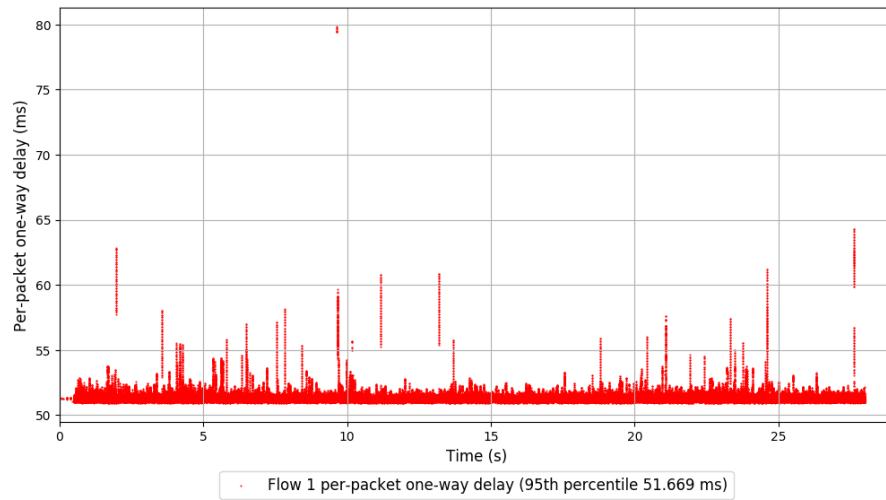
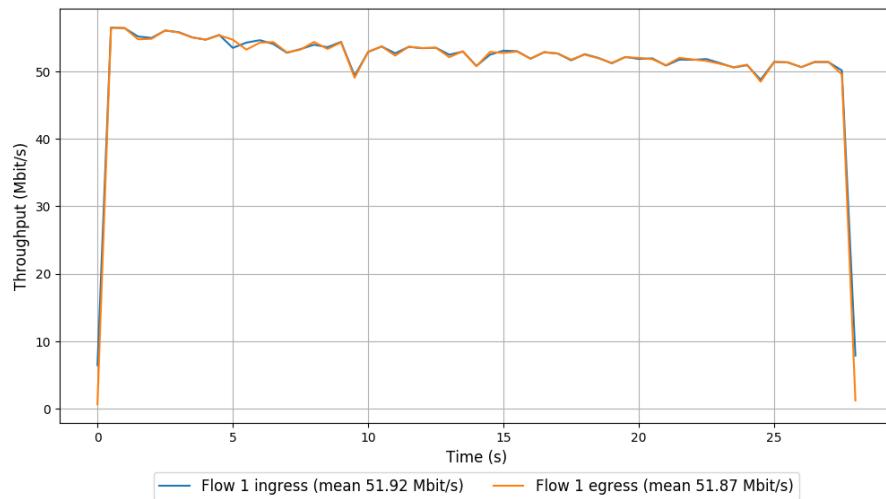


Run 6: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 02:34:59 +0000
End at: Tue, 27 Jun 2017 02:35:29 +0000
Local clock offset: -0.398 ms
Remote clock offset: -7.356 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.87 Mbit/s
95th percentile per-packet one-way delay: 51.669 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 51.87 Mbit/s
95th percentile per-packet one-way delay: 51.669 ms
Loss rate: 0.49%
```

Run 6: Report of Copa — Data Link

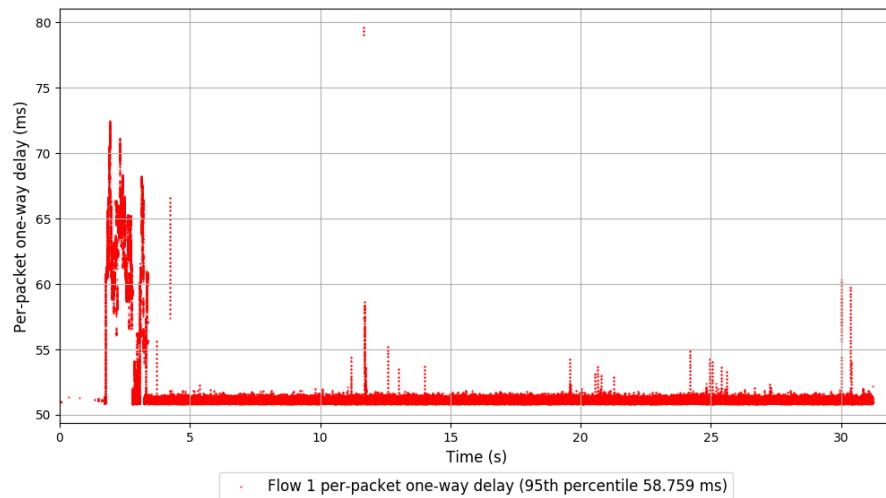
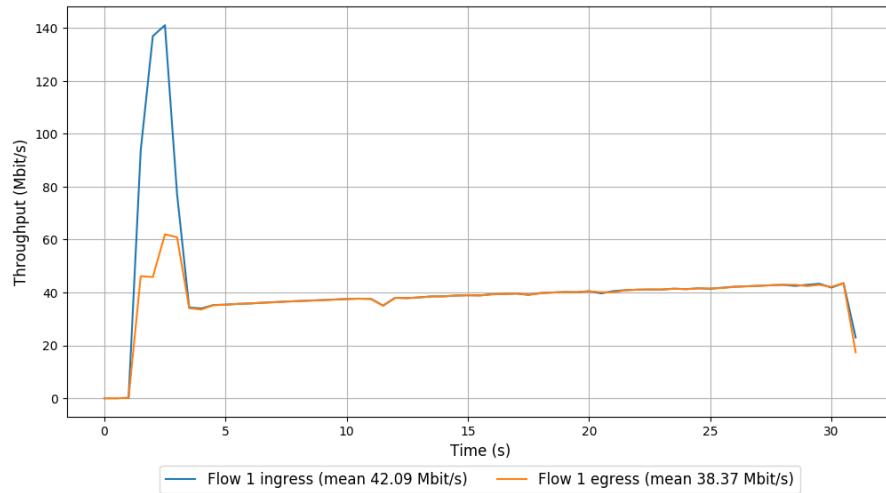


Run 7: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 02:52:30 +0000
End at: Tue, 27 Jun 2017 02:53:00 +0000
Local clock offset: -0.303 ms
Remote clock offset: -7.716 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:25:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 58.759 ms
Loss rate: 9.17%
-- Flow 1:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 58.759 ms
Loss rate: 9.17%
```

Run 7: Report of Copa — Data Link

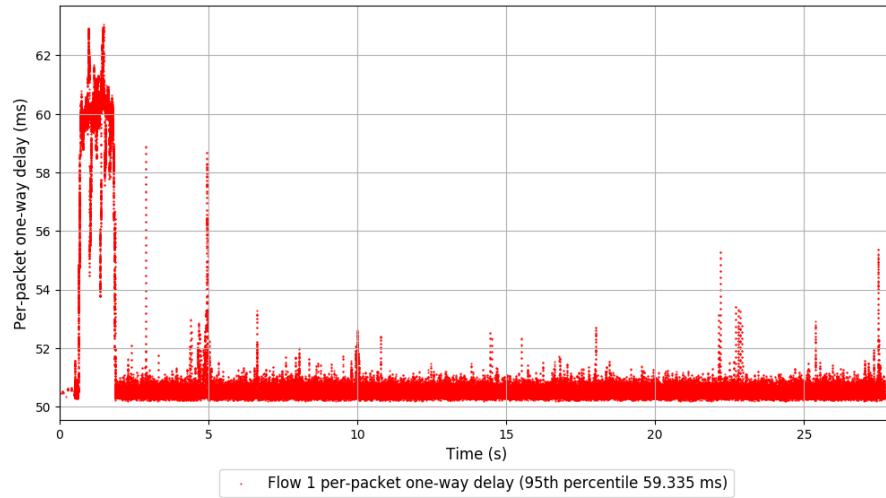
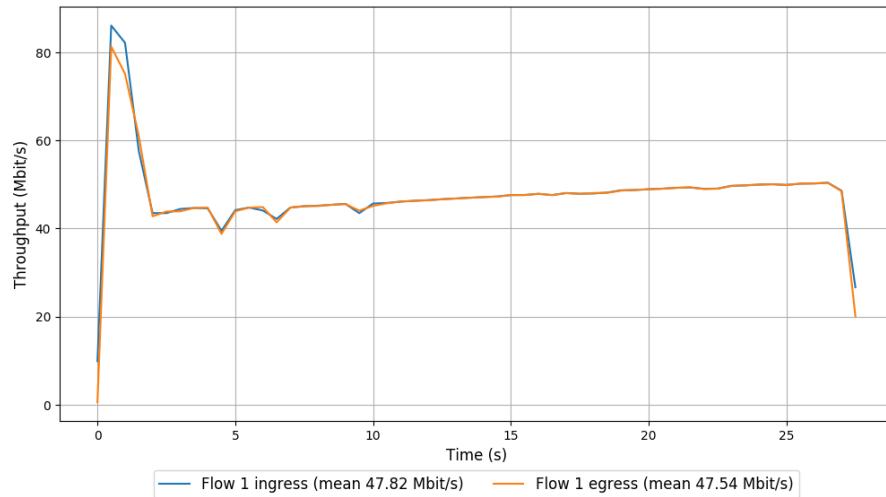


Run 8: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 03:10:04 +0000
End at: Tue, 27 Jun 2017 03:10:34 +0000
Local clock offset: 0.84 ms
Remote clock offset: -7.045 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 59.335 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 59.335 ms
Loss rate: 1.00%
```

Run 8: Report of Copa — Data Link

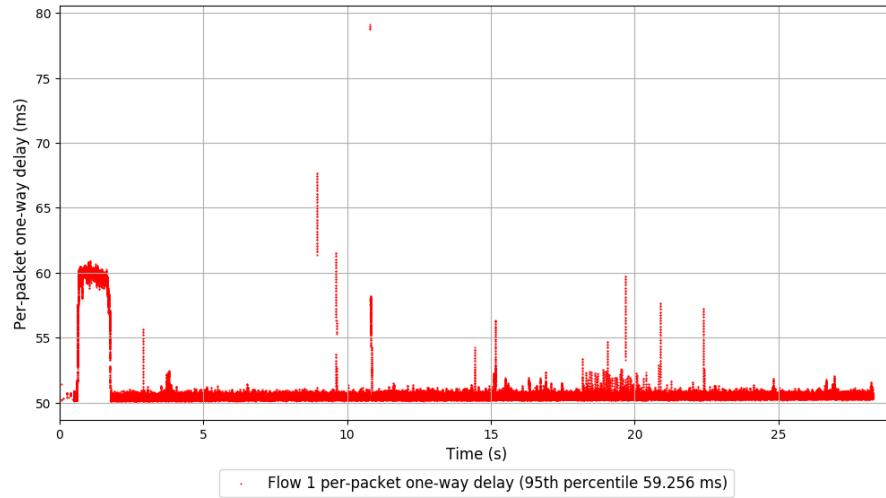
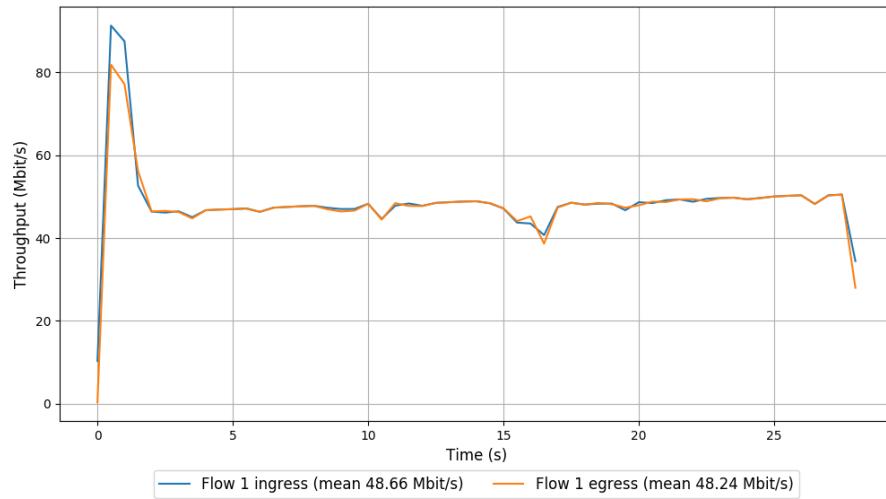


Run 9: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 03:27:28 +0000
End at: Tue, 27 Jun 2017 03:27:58 +0000
Local clock offset: 1.627 ms
Remote clock offset: -6.174 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 59.256 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 59.256 ms
Loss rate: 1.26%
```

Run 9: Report of Copa — Data Link

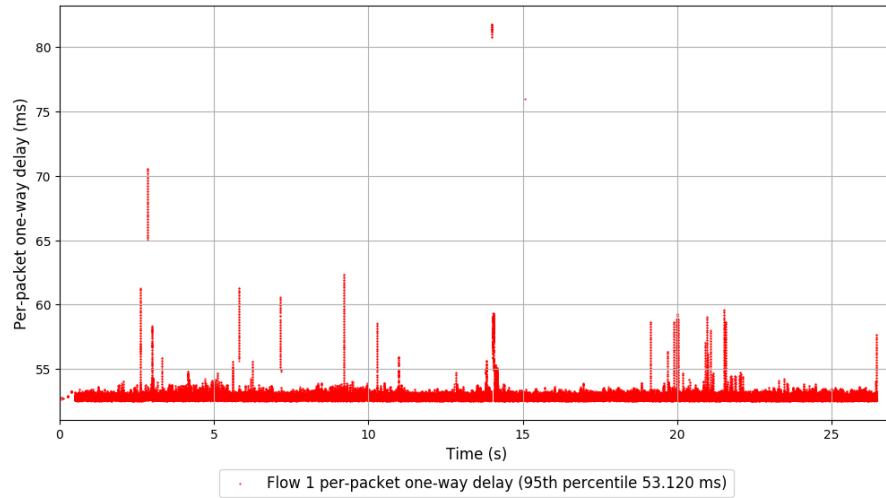
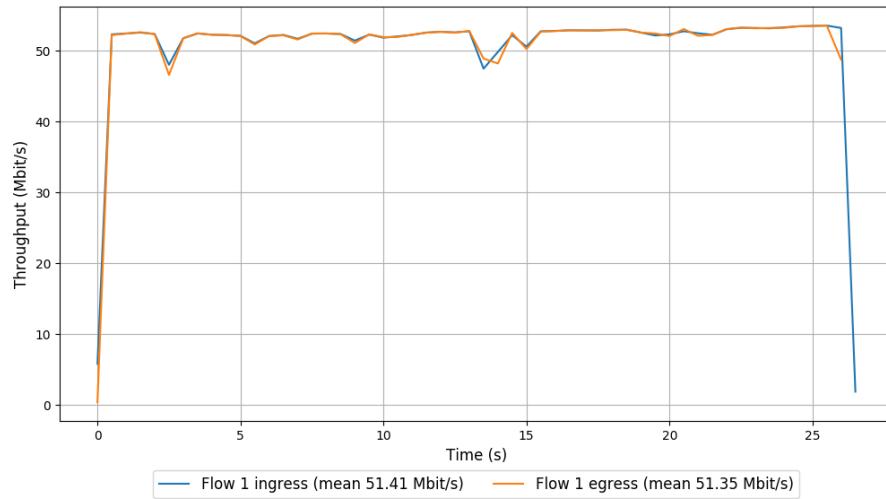


Run 10: Statistics of Copa

```
Start at: Tue, 27 Jun 2017 03:44:53 +0000
End at: Tue, 27 Jun 2017 03:45:23 +0000
Local clock offset: 1.203 ms
Remote clock offset: -4.331 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 53.120 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 53.120 ms
Loss rate: 0.52%
```

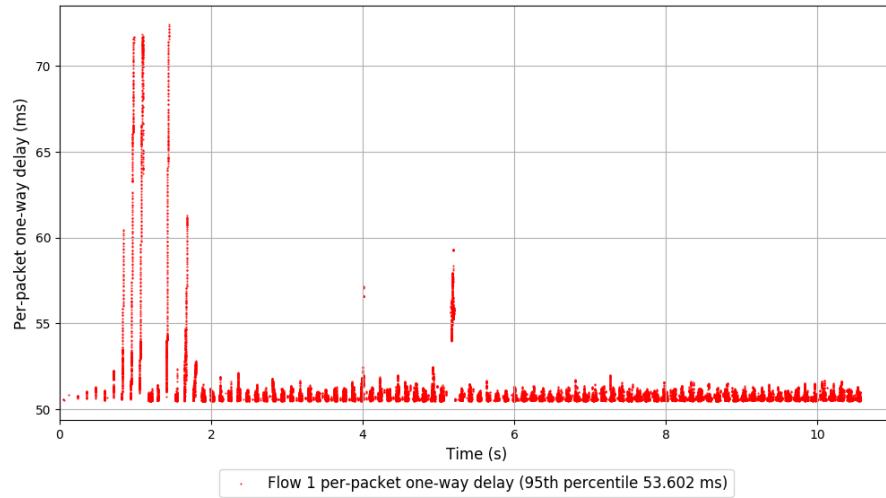
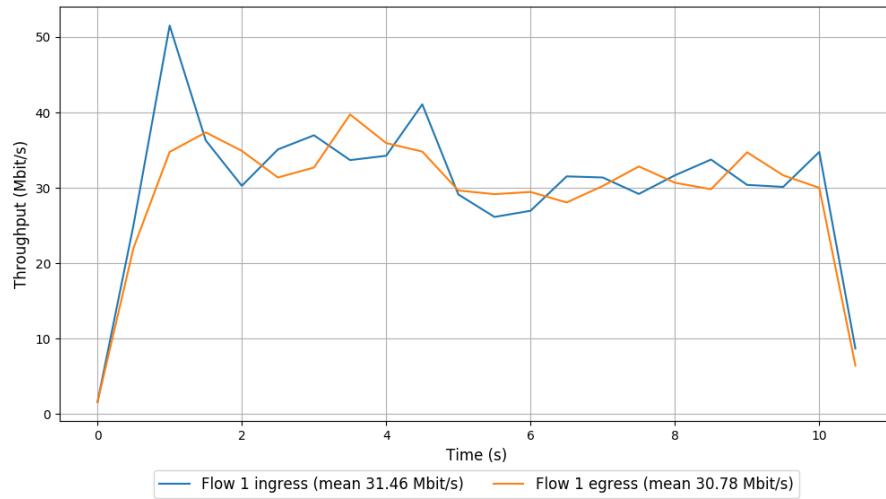
Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 01:04:16 +0000
End at: Tue, 27 Jun 2017 01:04:46 +0000
Local clock offset: -0.918 ms
Remote clock offset: -8.654 ms

Run 1: Report of TCP Cubic — Data Link

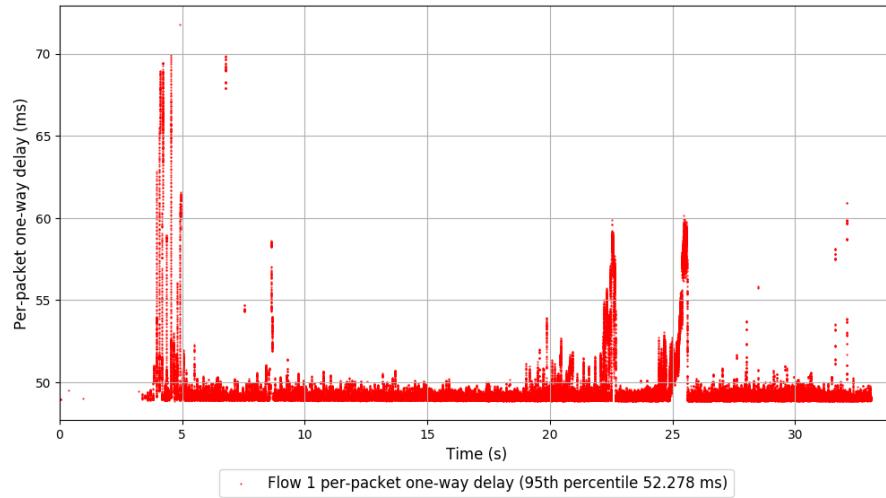
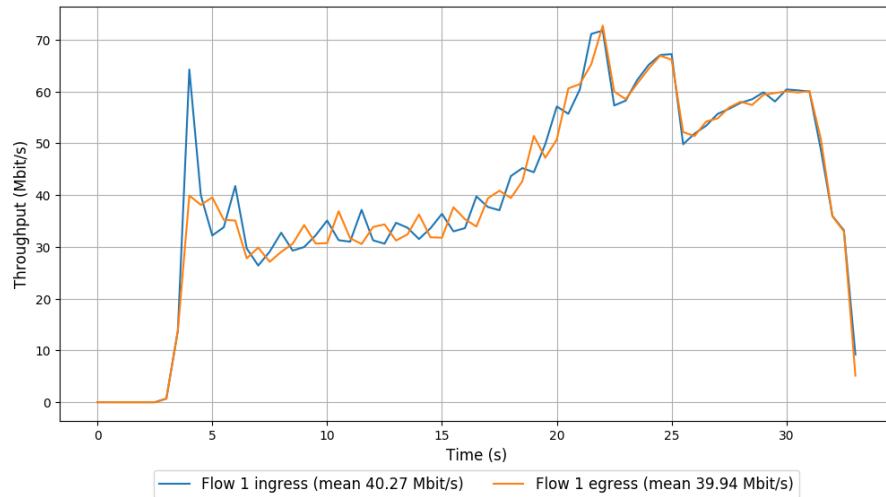


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 01:21:35 +0000
End at: Tue, 27 Jun 2017 01:22:05 +0000
Local clock offset: 0.974 ms
Remote clock offset: -8.56 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 52.278 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 52.278 ms
Loss rate: 1.16%
```

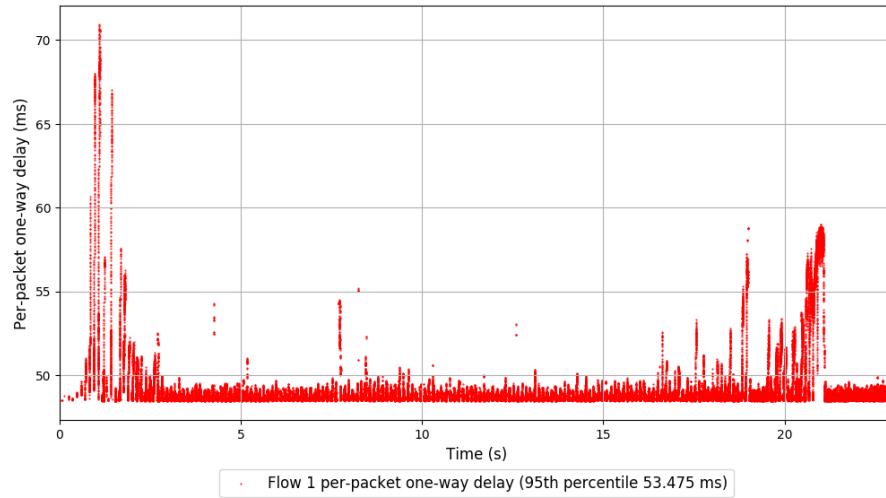
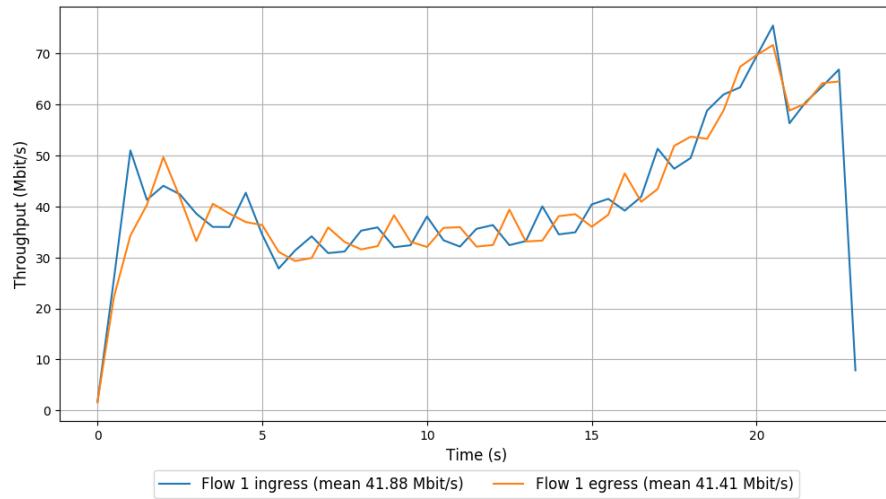
Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 01:38:56 +0000
End at: Tue, 27 Jun 2017 01:39:26 +0000
Local clock offset: 1.302 ms
Remote clock offset: -8.394 ms

Run 3: Report of TCP Cubic — Data Link

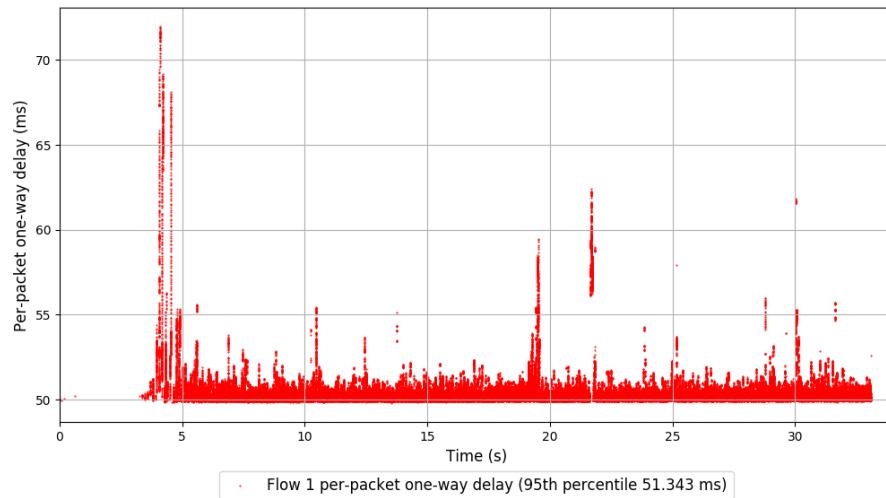
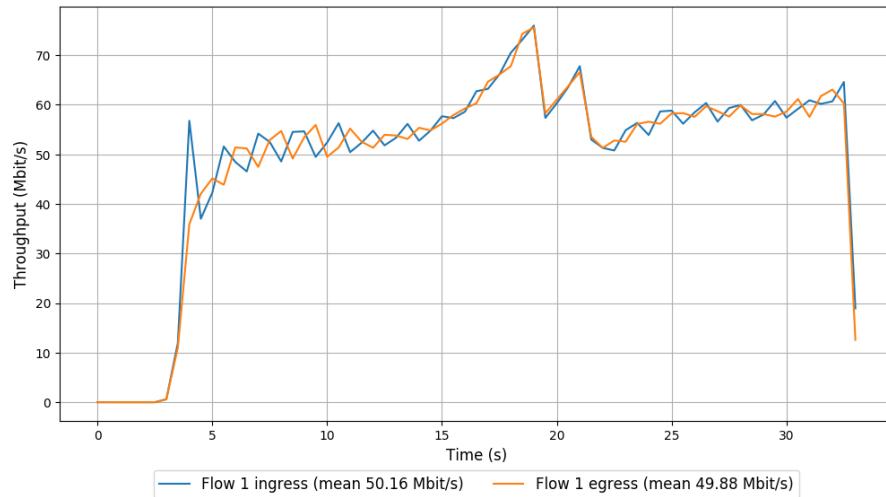


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 01:56:22 +0000
End at: Tue, 27 Jun 2017 01:56:52 +0000
Local clock offset: -0.328 ms
Remote clock offset: -8.112 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 51.343 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 51.343 ms
Loss rate: 0.88%
```

Run 4: Report of TCP Cubic — Data Link

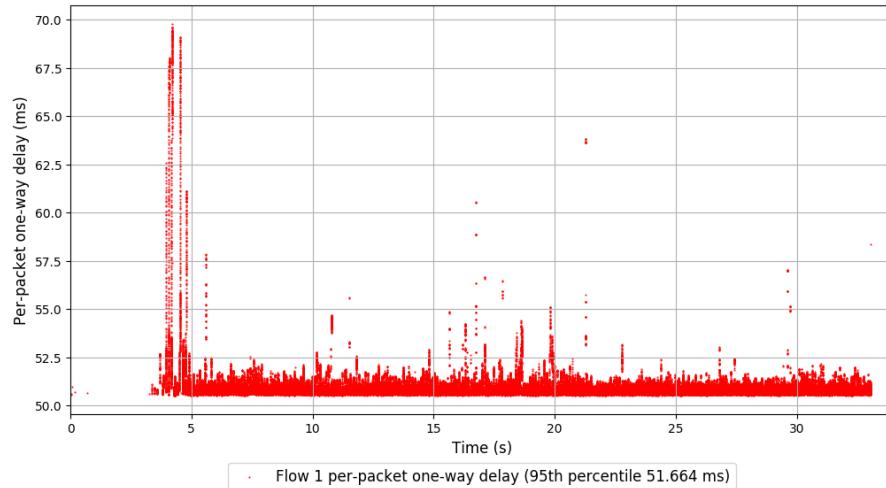
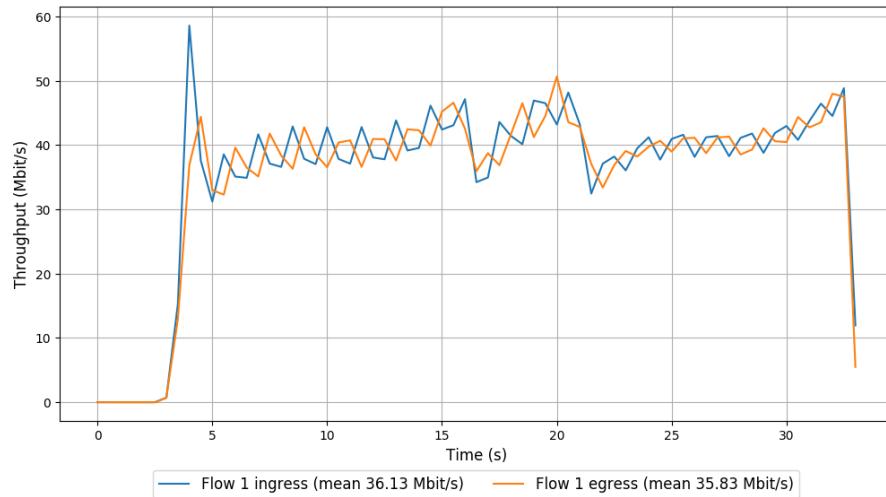


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 02:13:57 +0000
End at: Tue, 27 Jun 2017 02:14:27 +0000
Local clock offset: -0.592 ms
Remote clock offset: -7.545 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 51.664 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 51.664 ms
Loss rate: 1.12%
```

Run 5: Report of TCP Cubic — Data Link

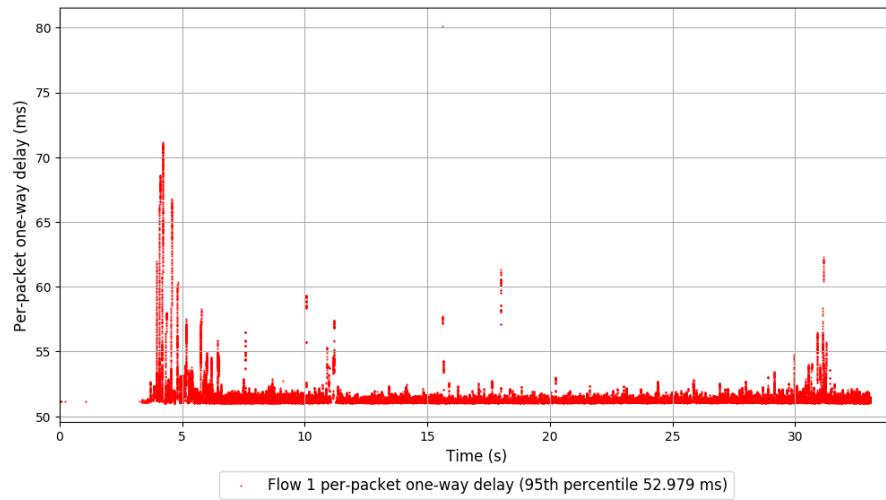
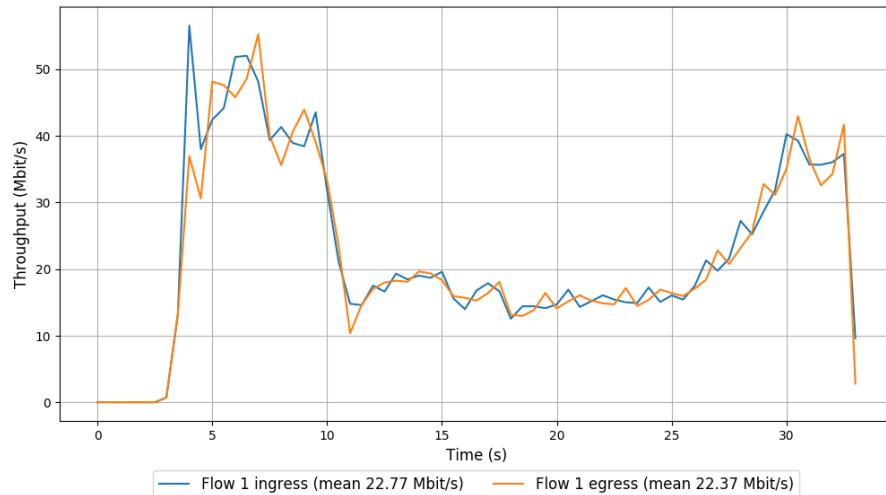


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 02:31:28 +0000
End at: Tue, 27 Jun 2017 02:31:58 +0000
Local clock offset: -0.398 ms
Remote clock offset: -7.04 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 52.979 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 52.979 ms
Loss rate: 2.09%
```

Run 6: Report of TCP Cubic — Data Link

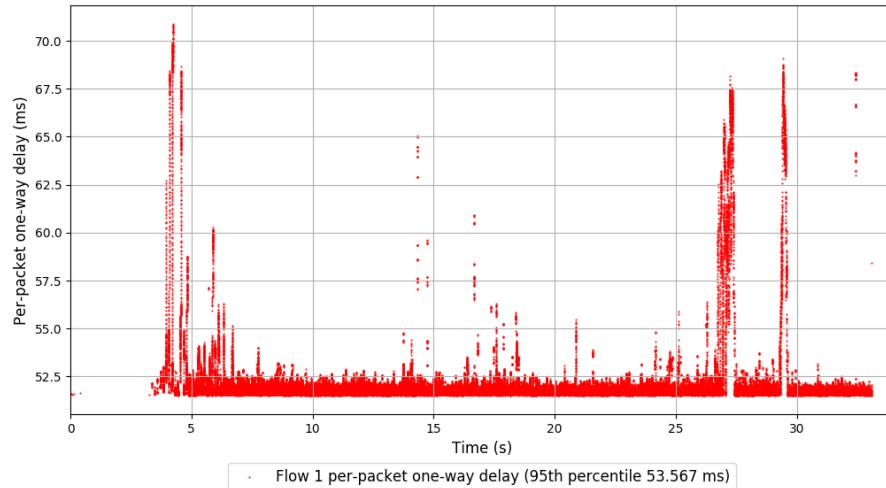
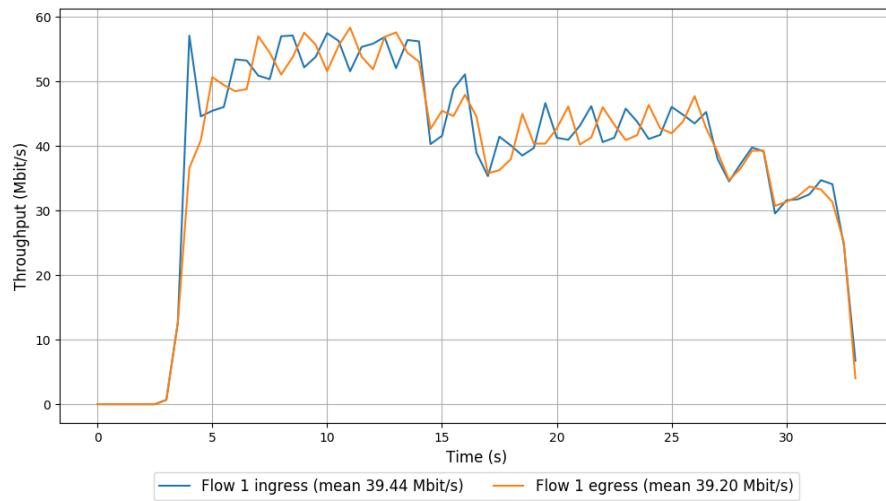


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 02:48:57 +0000
End at: Tue, 27 Jun 2017 02:49:27 +0000
Local clock offset: -0.364 ms
Remote clock offset: -7.654 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 53.567 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 53.567 ms
Loss rate: 0.94%
```

Run 7: Report of TCP Cubic — Data Link

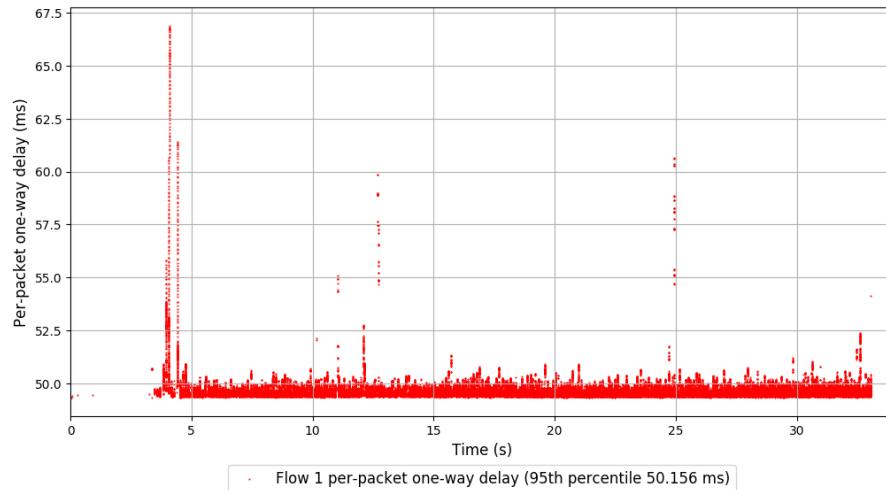
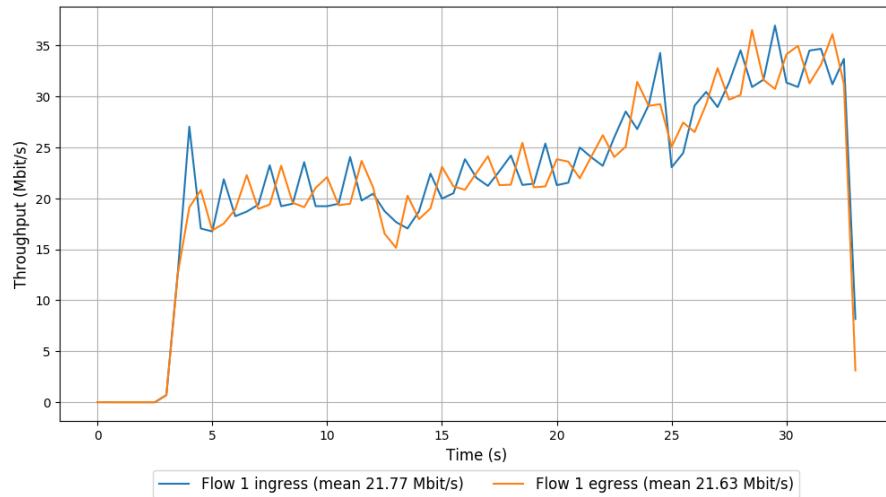


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 27 Jun 2017 03:06:33 +0000
End at: Tue, 27 Jun 2017 03:07:03 +0000
Local clock offset: 0.782 ms
Remote clock offset: -7.051 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 50.156 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 50.156 ms
Loss rate: 0.97%
```

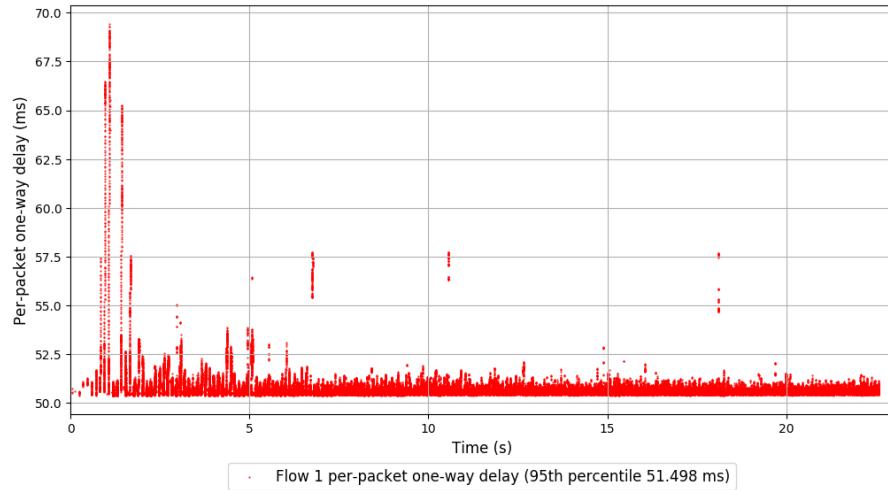
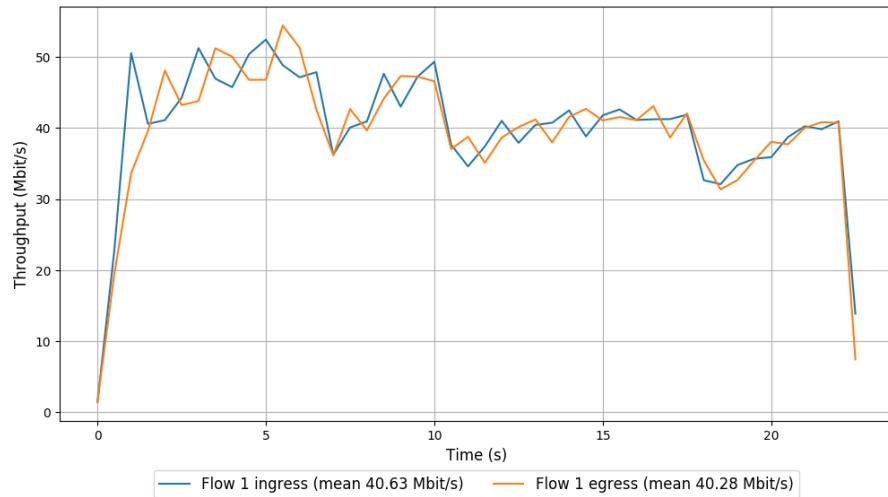
Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:23:57 +0000
End at: Tue, 27 Jun 2017 03:24:27 +0000
Local clock offset: 1.428 ms
Remote clock offset: -6.696 ms

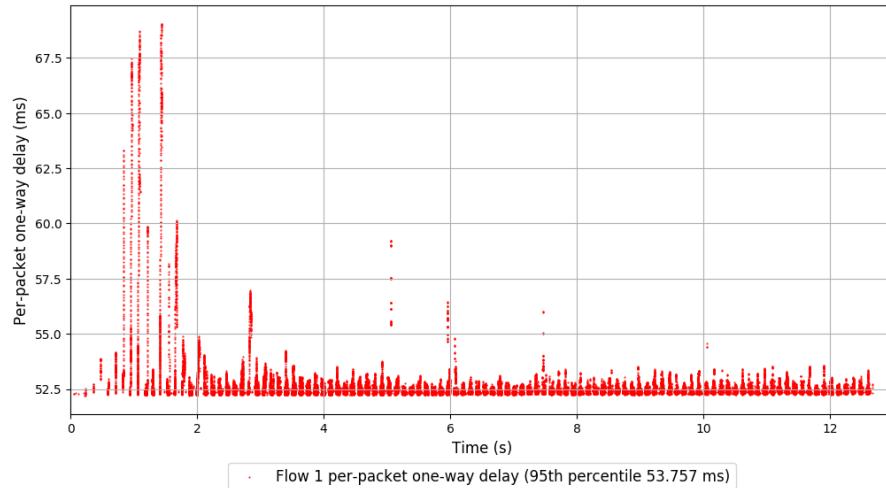
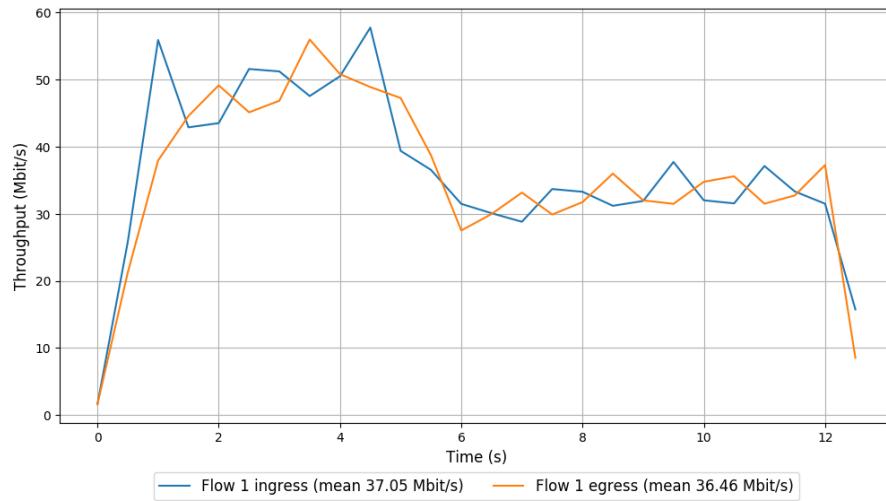
Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 27 Jun 2017 03:41:23 +0000
End at: Tue, 27 Jun 2017 03:41:53 +0000
Local clock offset: 1.129 ms
Remote clock offset: -4.253 ms

Run 10: Report of TCP Cubic — Data Link

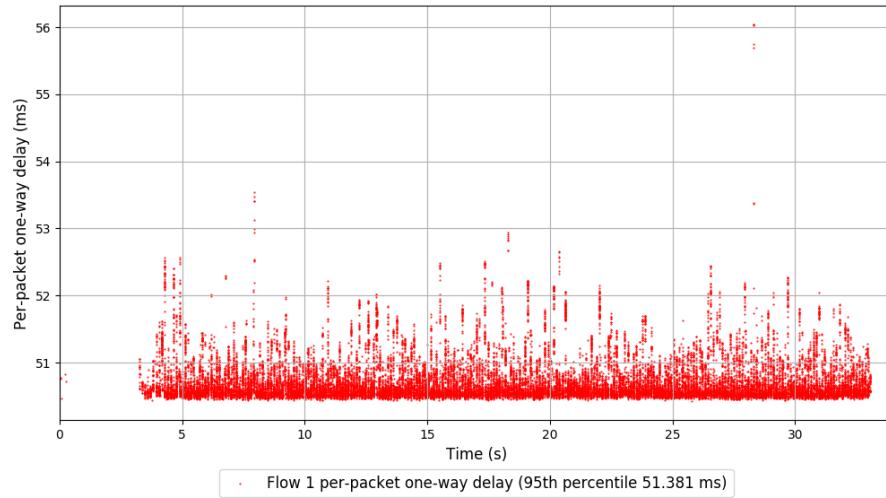
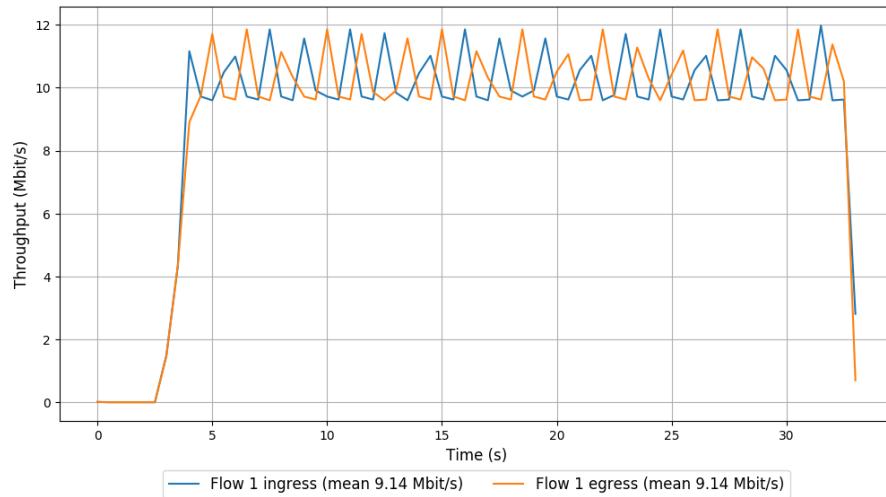


```
Run 1: Statistics of KohoCC
```

```
Start at: Tue, 27 Jun 2017 01:03:09 +0000
End at: Tue, 27 Jun 2017 01:03:39 +0000
Local clock offset: -0.909 ms
Remote clock offset: -9.084 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 51.381 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 51.381 ms
Loss rate: 0.36%
```

Run 1: Report of KohoCC — Data Link

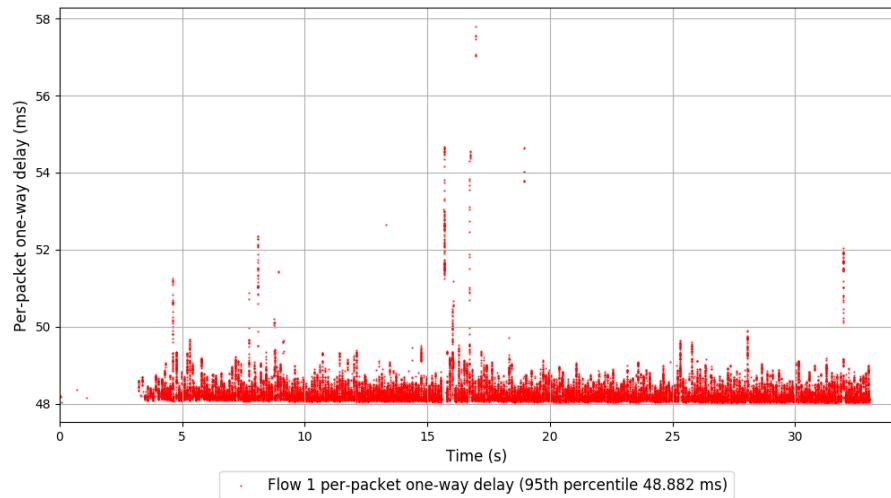
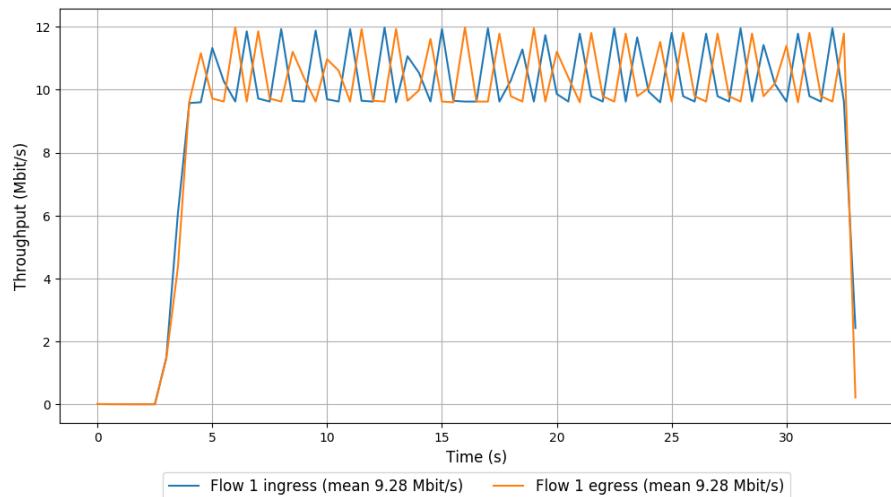


Run 2: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 01:20:28 +0000
End at: Tue, 27 Jun 2017 01:20:58 +0000
Local clock offset: 0.823 ms
Remote clock offset: -8.406 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 48.882 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 48.882 ms
Loss rate: 0.39%
```

Run 2: Report of KohoCC — Data Link

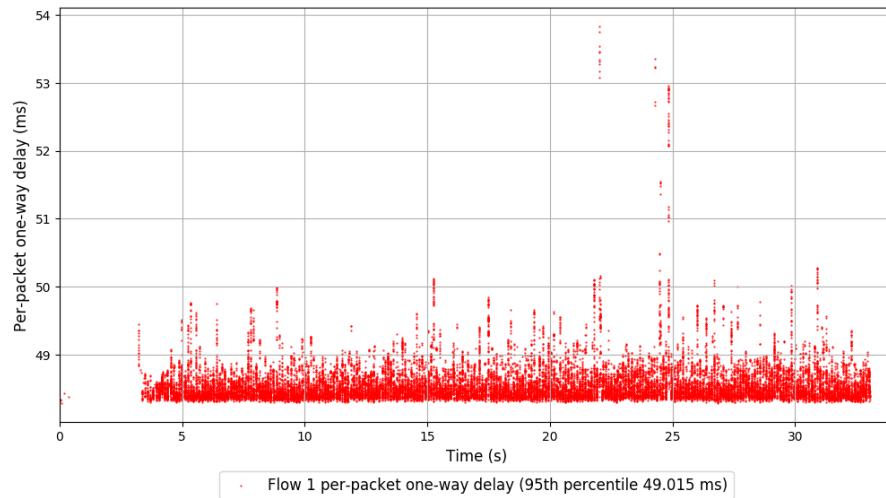
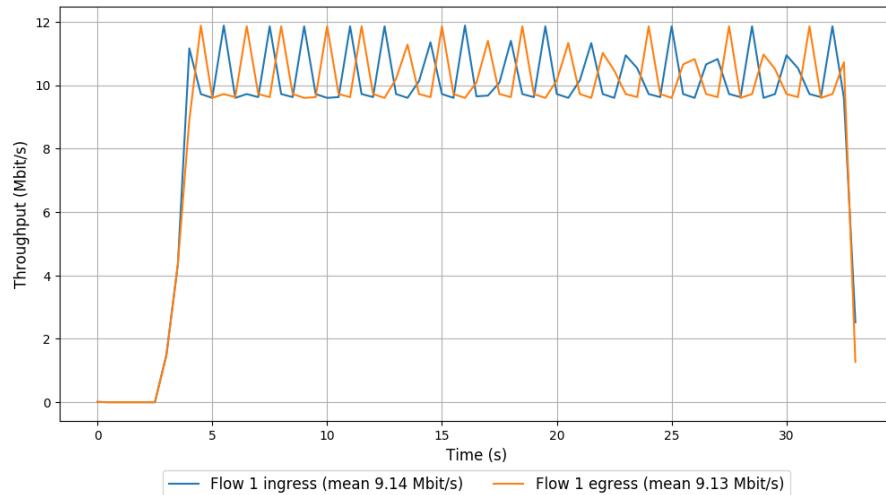


Run 3: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 01:37:49 +0000
End at: Tue, 27 Jun 2017 01:38:19 +0000
Local clock offset: 1.3 ms
Remote clock offset: -8.382 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 49.015 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 49.015 ms
Loss rate: 0.40%
```

Run 3: Report of KohoCC — Data Link

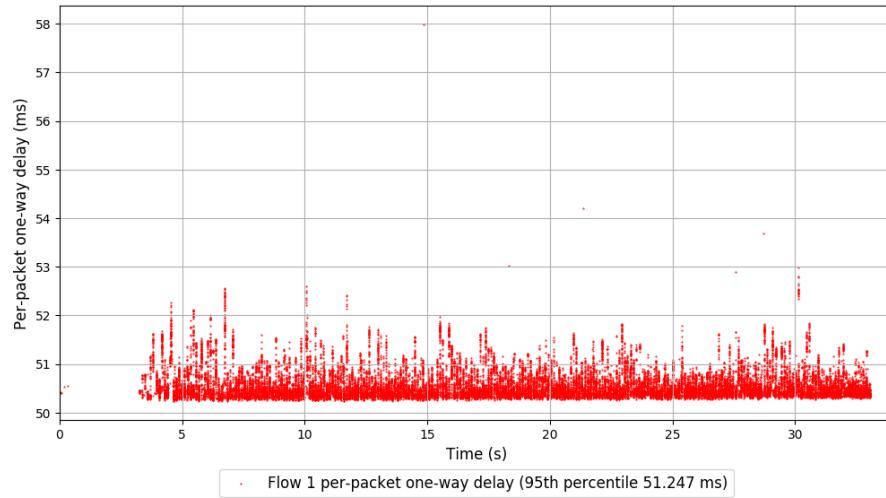
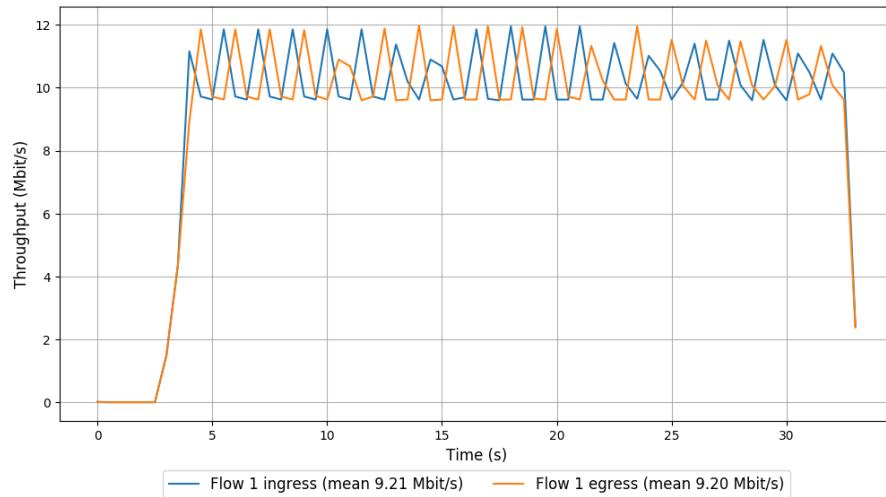


Run 4: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 01:55:15 +0000
End at: Tue, 27 Jun 2017 01:55:45 +0000
Local clock offset: -0.318 ms
Remote clock offset: -8.427 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 51.247 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 51.247 ms
Loss rate: 0.39%
```

Run 4: Report of KohoCC — Data Link

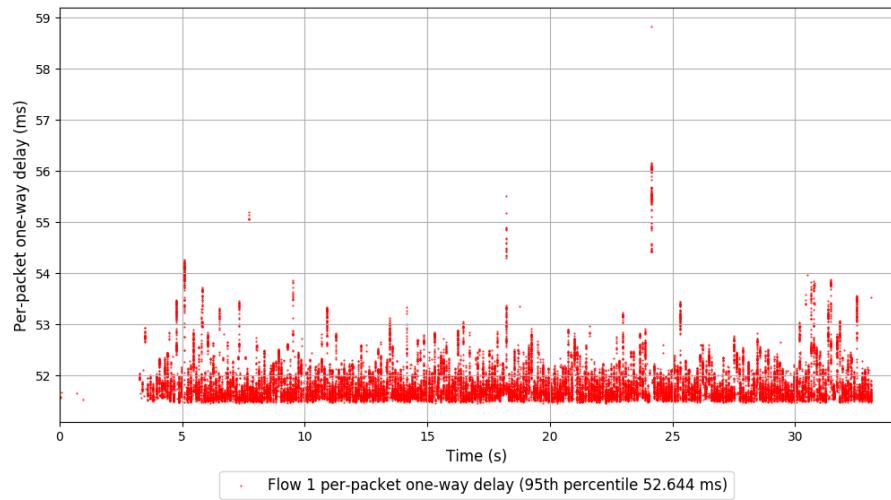
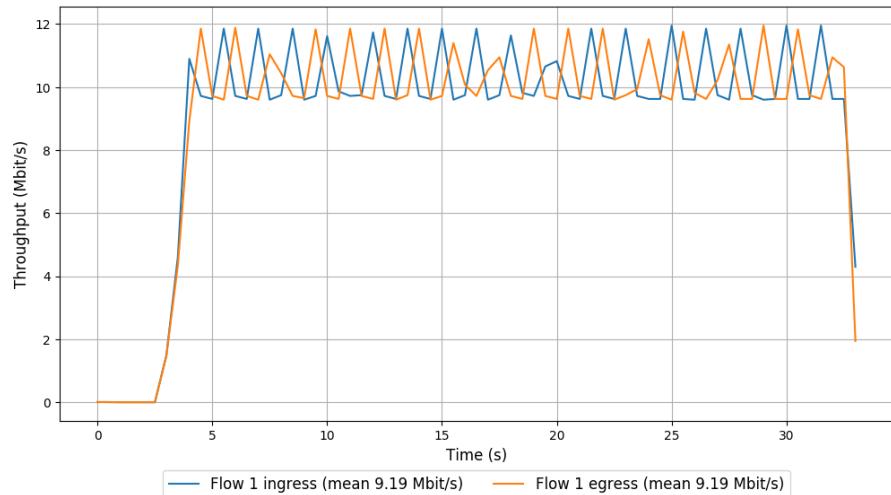


Run 5: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 02:12:50 +0000
End at: Tue, 27 Jun 2017 02:13:20 +0000
Local clock offset: -0.629 ms
Remote clock offset: -7.868 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 52.644 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 52.644 ms
Loss rate: 0.39%
```

Run 5: Report of KohoCC — Data Link

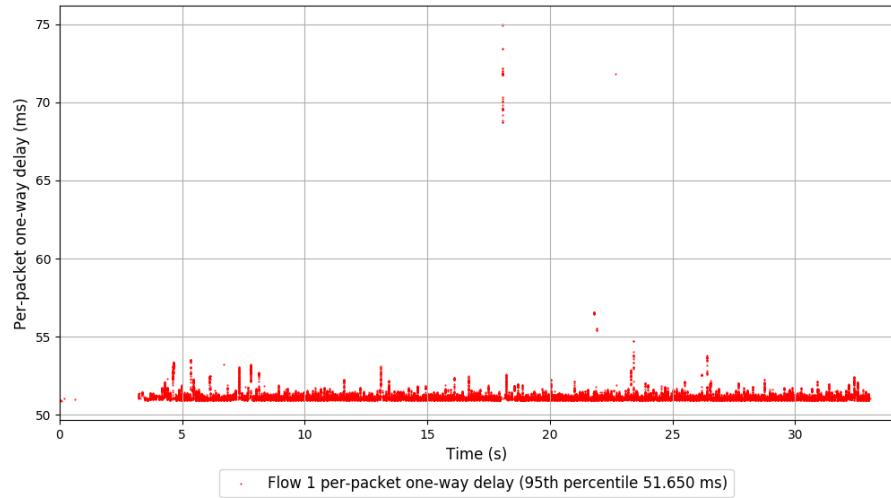
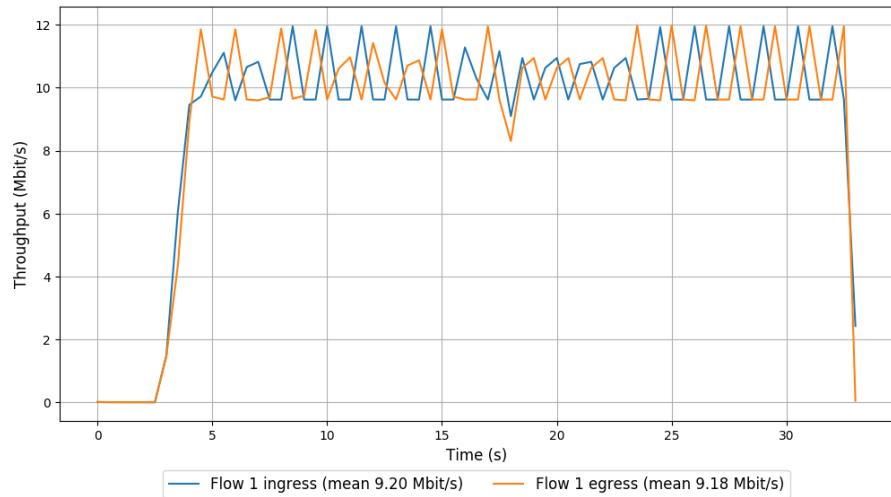


Run 6: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 02:30:21 +0000
End at: Tue, 27 Jun 2017 02:30:51 +0000
Local clock offset: -0.466 ms
Remote clock offset: -7.709 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.61%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 27 Jun 2017 02:47:50 +0000

End at: Tue, 27 Jun 2017 02:48:20 +0000

Local clock offset: -0.359 ms

Remote clock offset: -7.366 ms

Below is generated by plot.py at Tue, 27 Jun 2017 04:26:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.14 Mbit/s

95th percentile per-packet one-way delay: 52.108 ms

Loss rate: 0.60%

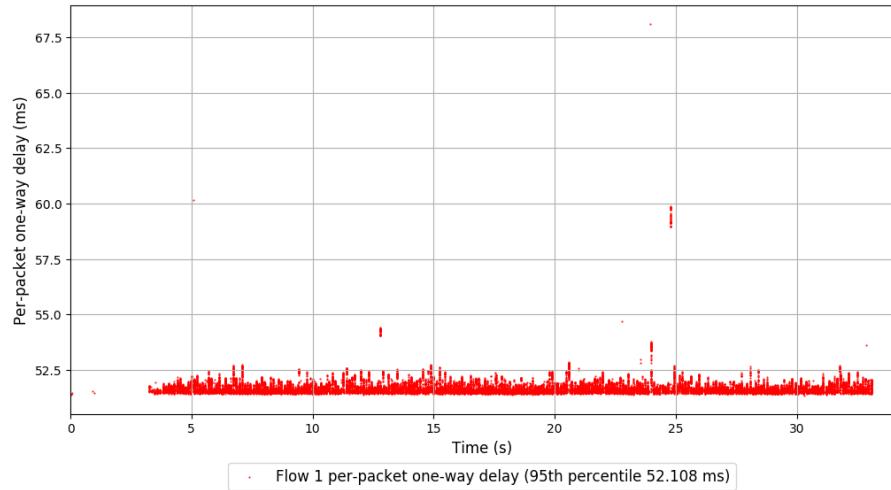
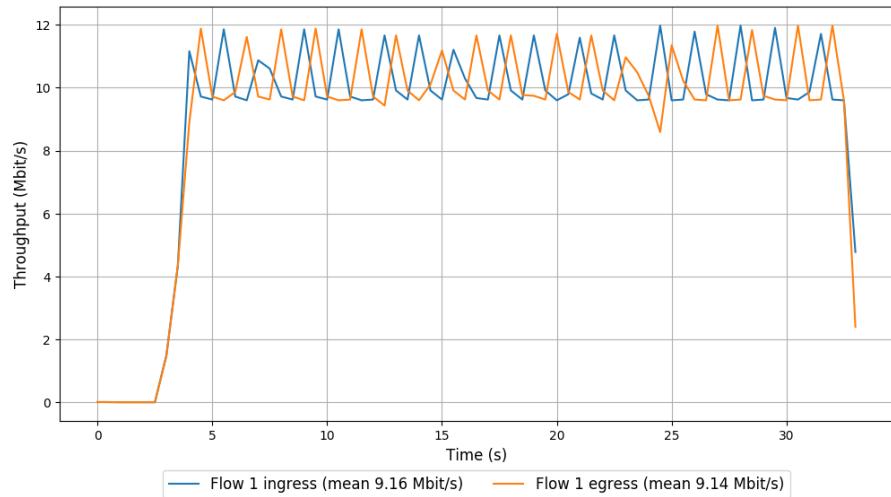
-- Flow 1:

Average throughput: 9.14 Mbit/s

95th percentile per-packet one-way delay: 52.108 ms

Loss rate: 0.60%

Run 7: Report of KohoCC — Data Link

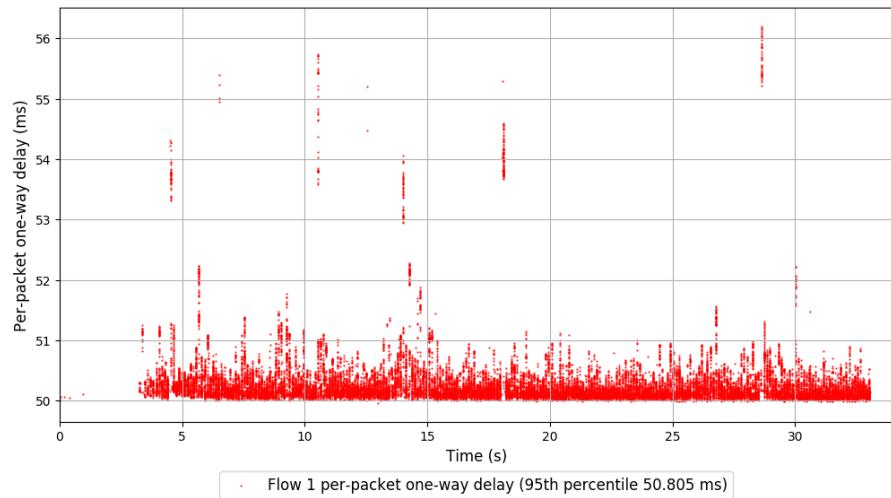
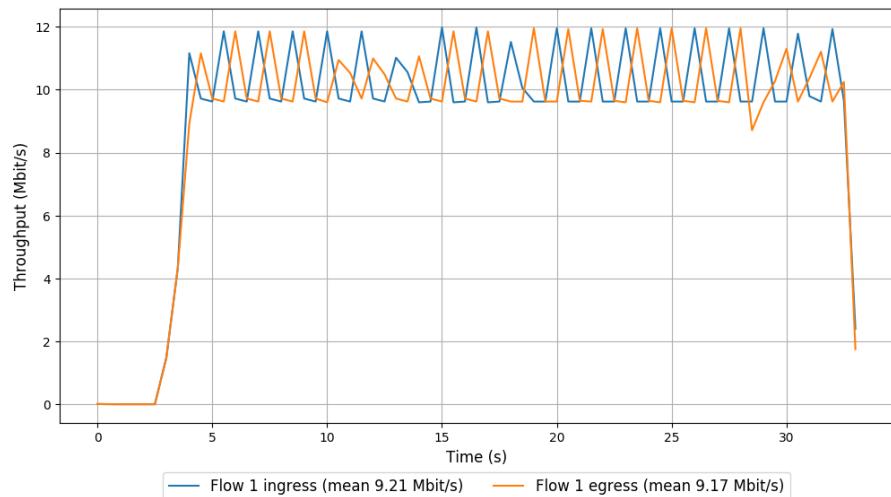


Run 8: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 03:05:26 +0000
End at: Tue, 27 Jun 2017 03:05:56 +0000
Local clock offset: 0.75 ms
Remote clock offset: -7.44 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.805 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.805 ms
Loss rate: 0.79%
```

Run 8: Report of KohoCC — Data Link

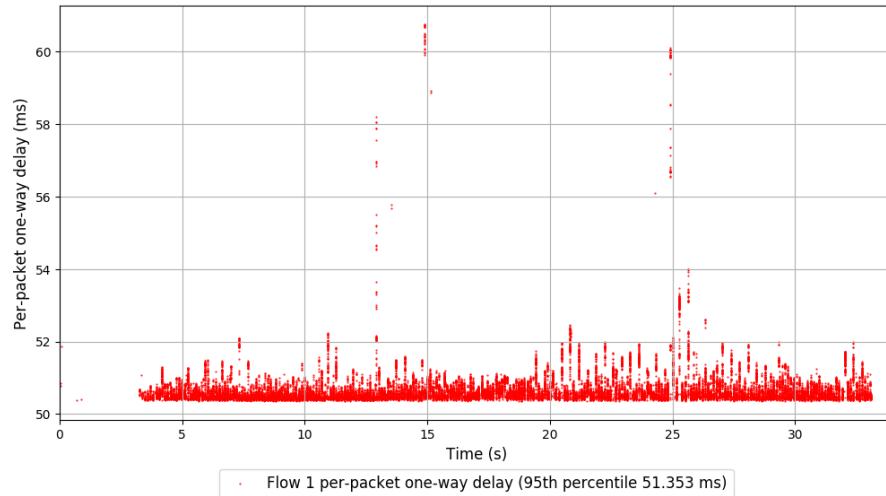
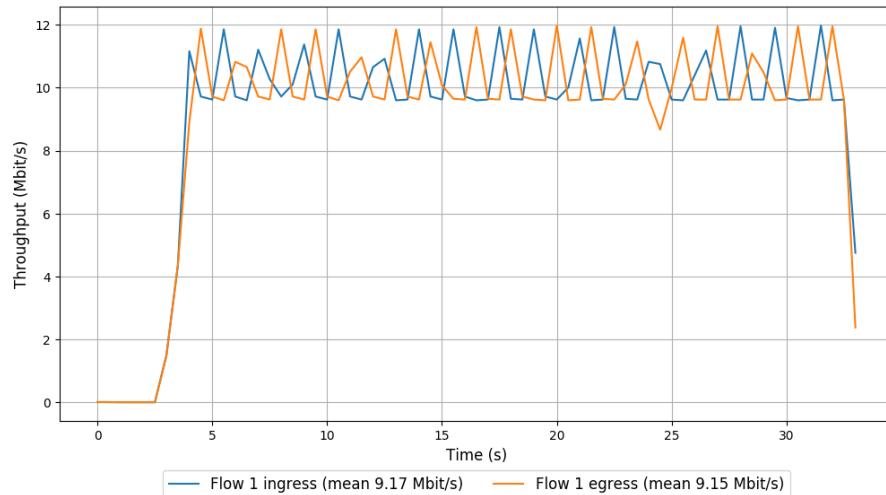


Run 9: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 03:22:50 +0000
End at: Tue, 27 Jun 2017 03:23:20 +0000
Local clock offset: 1.307 ms
Remote clock offset: -7.173 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 51.353 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 51.353 ms
Loss rate: 0.55%
```

Run 9: Report of KohoCC — Data Link

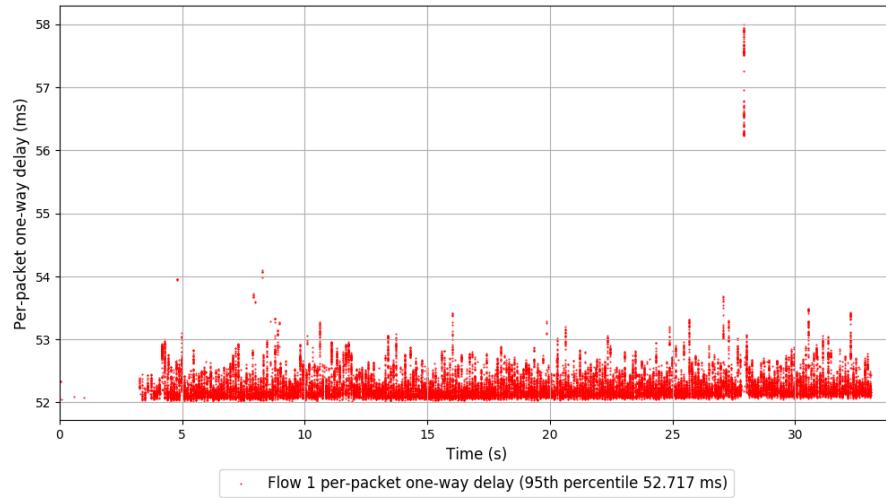
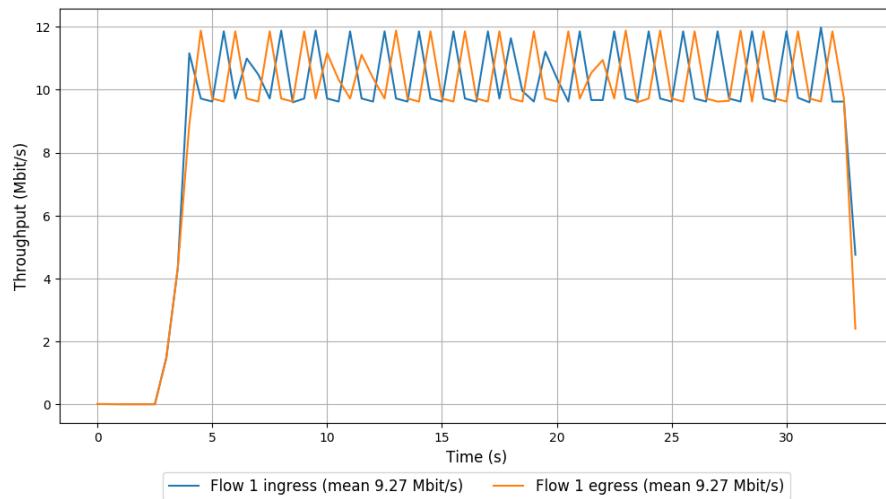


Run 10: Statistics of KohoCC

```
Start at: Tue, 27 Jun 2017 03:40:16 +0000
End at: Tue, 27 Jun 2017 03:40:46 +0000
Local clock offset: 1.211 ms
Remote clock offset: -4.375 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 52.717 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 52.717 ms
Loss rate: 0.40%
```

Run 10: Report of KohoCC — Data Link

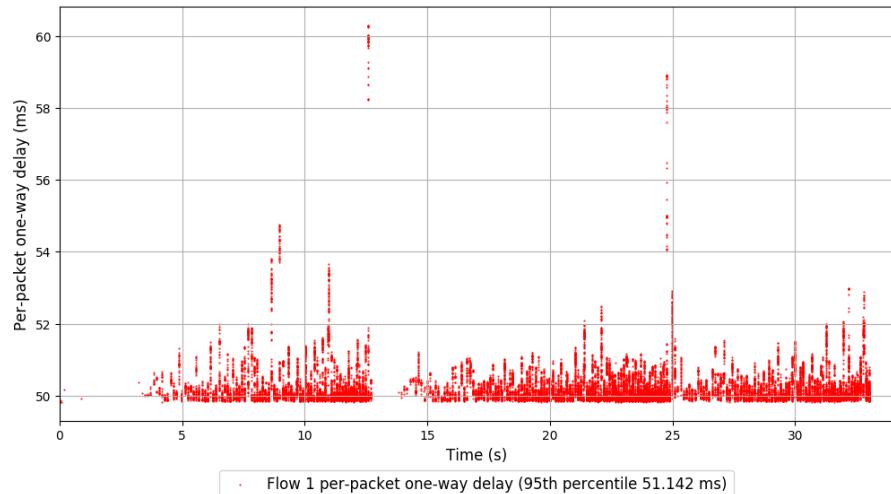
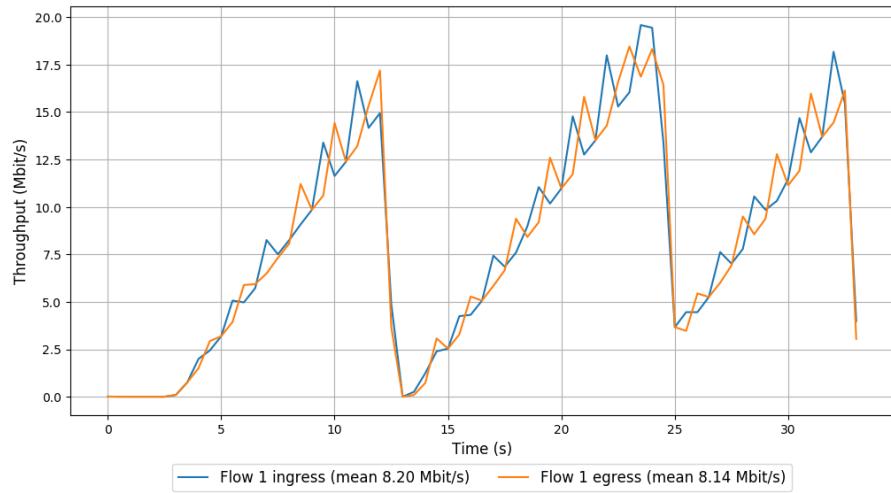


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 27 Jun 2017 00:57:31 +0000
End at: Tue, 27 Jun 2017 00:58:01 +0000
Local clock offset: -0.857 ms
Remote clock offset: -8.354 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 51.142 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 51.142 ms
Loss rate: 1.11%
```

Run 1: Report of LEDBAT — Data Link

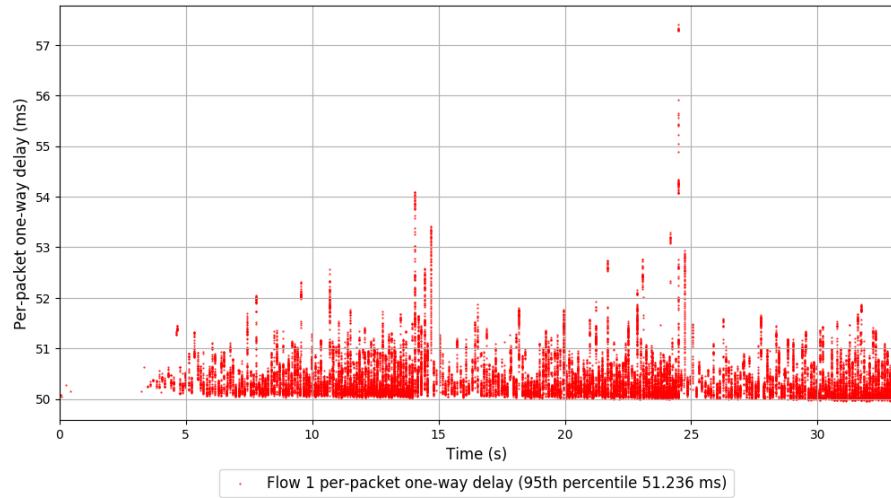
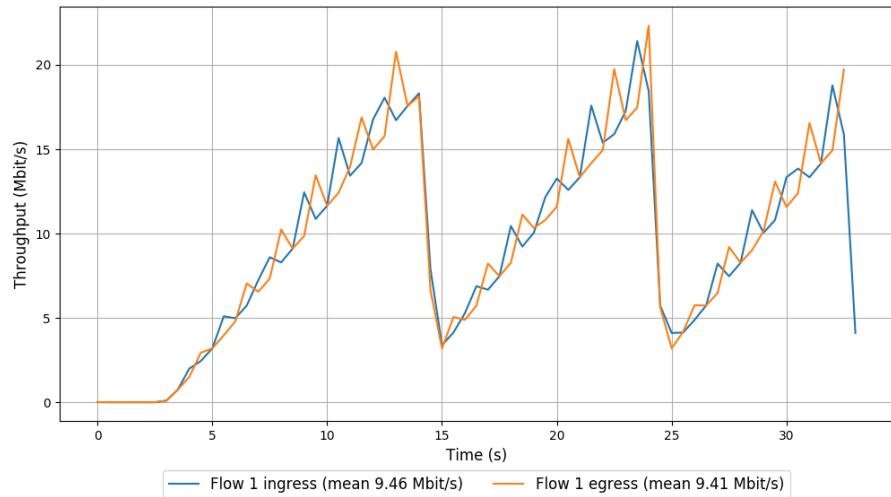


Run 2: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 01:14:49 +0000
End at: Tue, 27 Jun 2017 01:15:19 +0000
Local clock offset: -0.056 ms
Remote clock offset: -8.476 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 51.236 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 51.236 ms
Loss rate: 0.88%
```

Run 2: Report of LEDBAT — Data Link

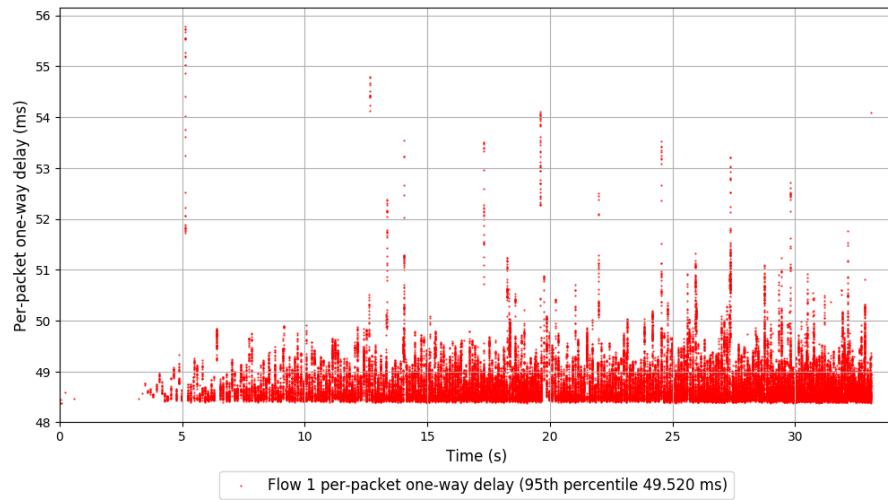
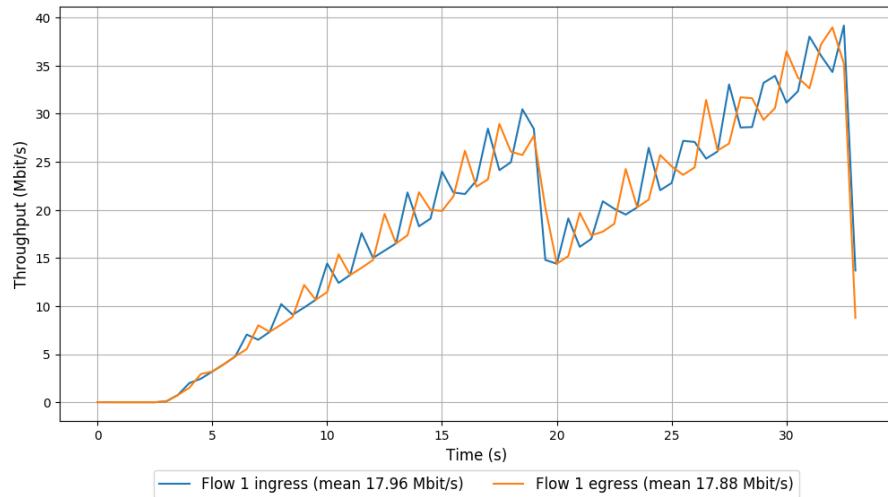


Run 3: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 01:32:09 +0000
End at: Tue, 27 Jun 2017 01:32:39 +0000
Local clock offset: 1.305 ms
Remote clock offset: -8.558 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 49.520 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 49.520 ms
Loss rate: 0.75%
```

Run 3: Report of LEDBAT — Data Link

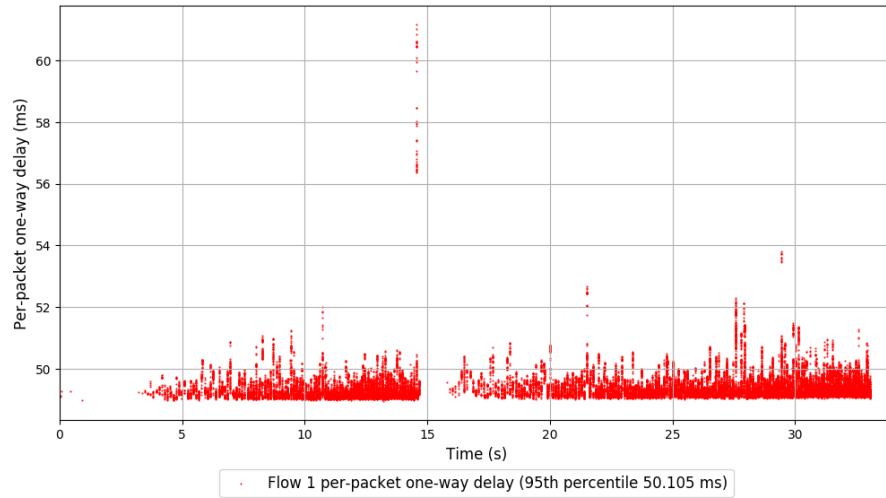
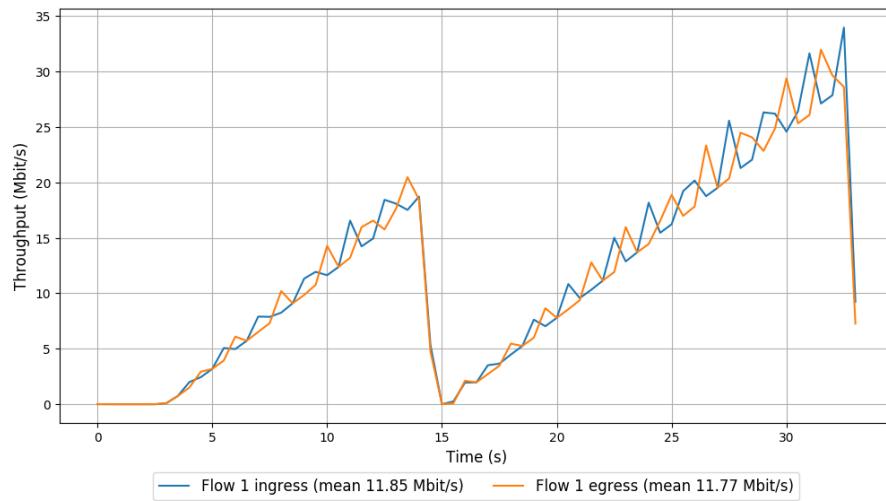


Run 4: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 01:49:34 +0000
End at: Tue, 27 Jun 2017 01:50:04 +0000
Local clock offset: 0.409 ms
Remote clock offset: -8.256 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 50.105 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 50.105 ms
Loss rate: 1.06%
```

Run 4: Report of LEDBAT — Data Link

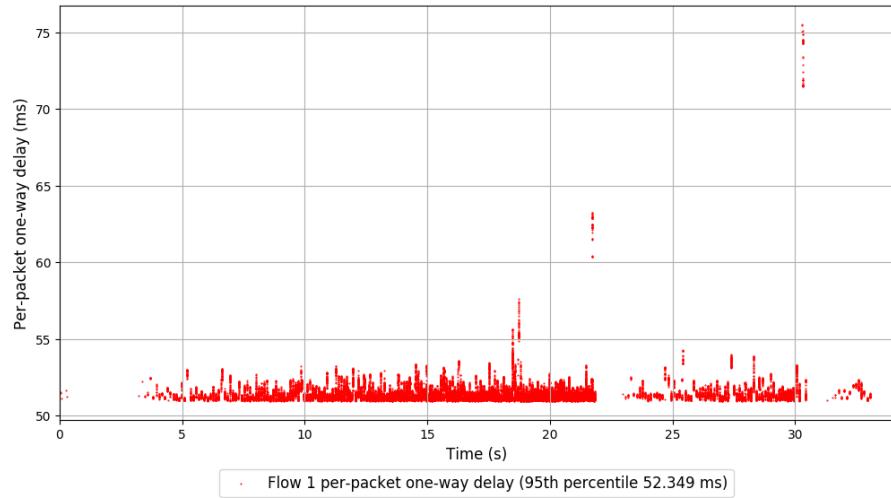
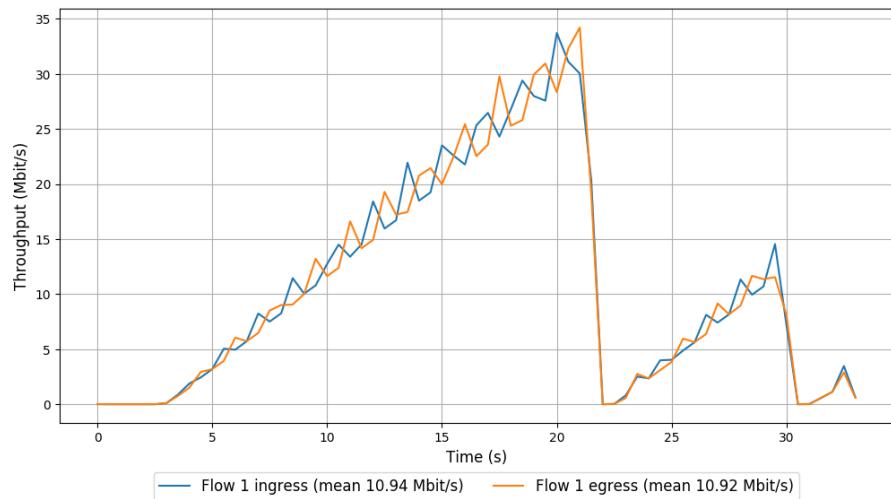


Run 5: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 02:07:12 +0000
End at: Tue, 27 Jun 2017 02:07:42 +0000
Local clock offset: -0.669 ms
Remote clock offset: -7.776 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 52.349 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 52.349 ms
Loss rate: 0.54%
```

Run 5: Report of LEDBAT — Data Link

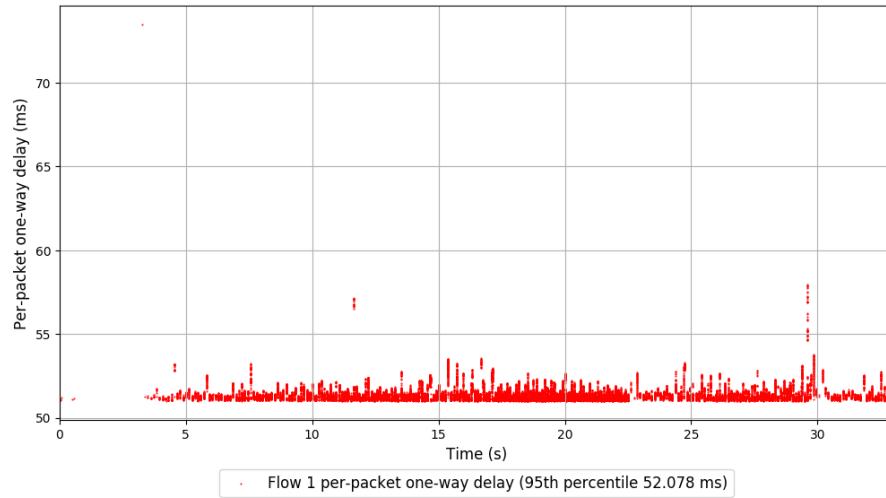
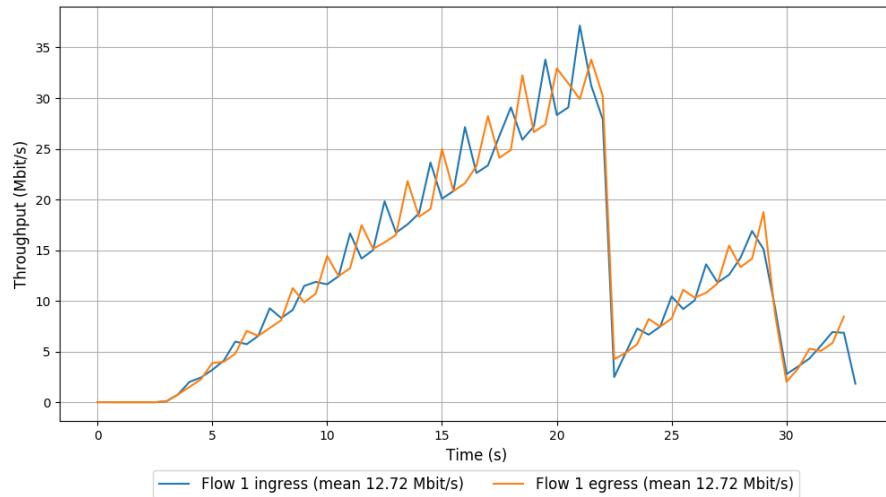


Run 6: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 02:24:41 +0000
End at: Tue, 27 Jun 2017 02:25:11 +0000
Local clock offset: -0.482 ms
Remote clock offset: -7.149 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:26:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 52.078 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 52.078 ms
Loss rate: 0.37%
```

Run 6: Report of LEDBAT — Data Link

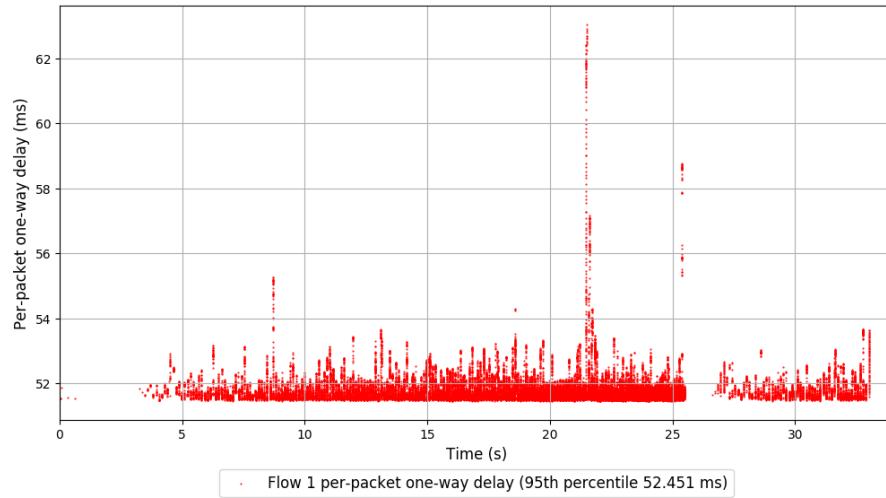
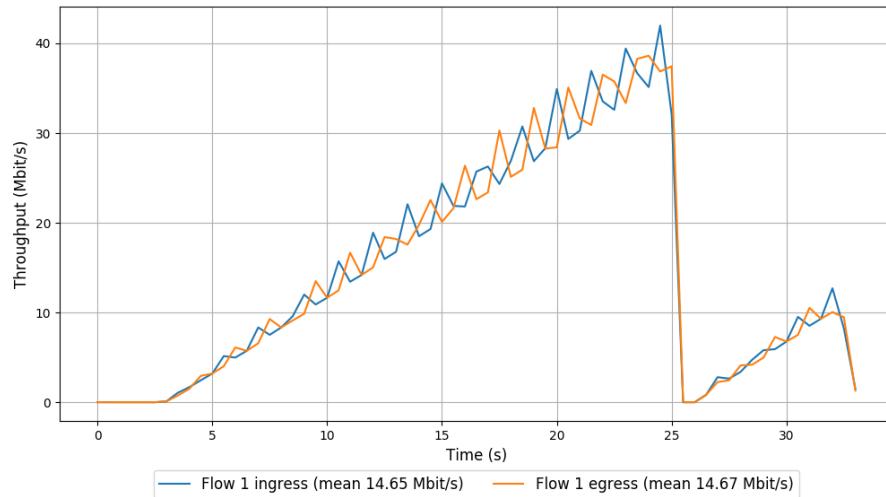


Run 7: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 02:42:09 +0000
End at: Tue, 27 Jun 2017 02:42:39 +0000
Local clock offset: -0.377 ms
Remote clock offset: -7.345 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 52.451 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 52.451 ms
Loss rate: 0.24%
```

Run 7: Report of LEDBAT — Data Link

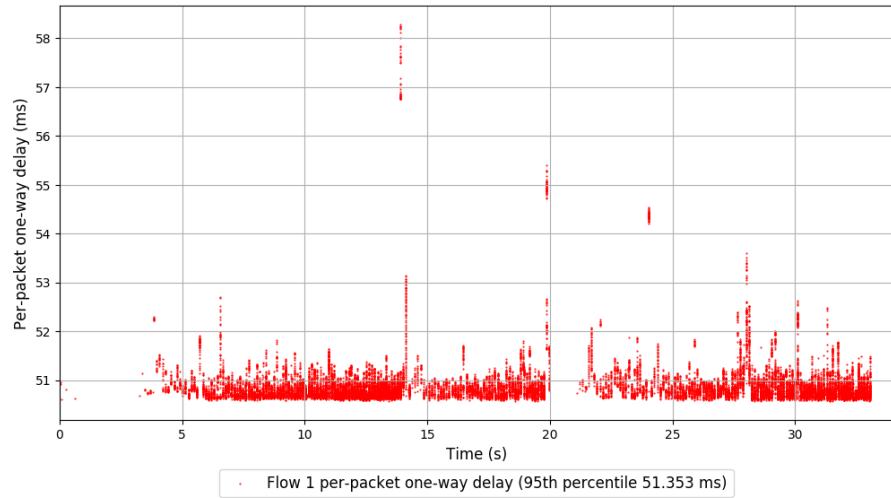
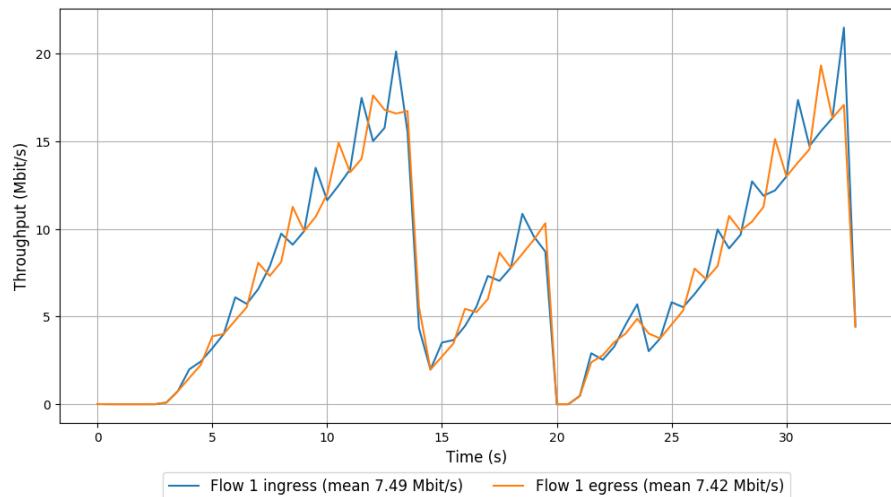


Run 8: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 02:59:43 +0000
End at: Tue, 27 Jun 2017 03:00:13 +0000
Local clock offset: 0.436 ms
Remote clock offset: -7.536 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 51.353 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 51.353 ms
Loss rate: 1.36%
```

Run 8: Report of LEDBAT — Data Link

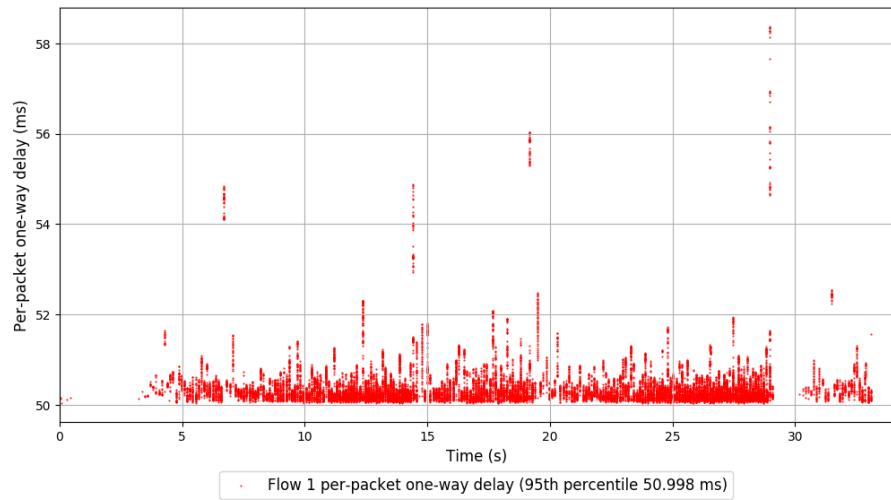
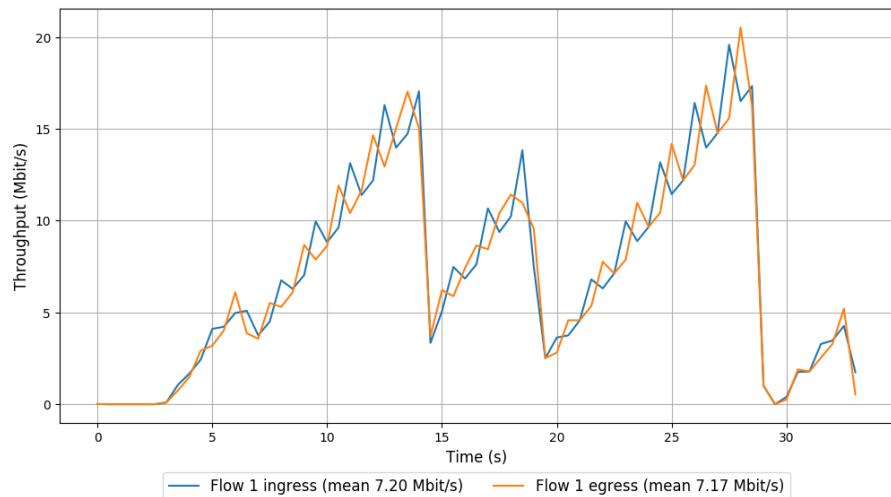


Run 9: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 03:17:12 +0000
End at: Tue, 27 Jun 2017 03:17:43 +0000
Local clock offset: 1.189 ms
Remote clock offset: -6.769 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.17 Mbit/s
95th percentile per-packet one-way delay: 50.998 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 7.17 Mbit/s
95th percentile per-packet one-way delay: 50.998 ms
Loss rate: 0.82%
```

Run 9: Report of LEDBAT — Data Link

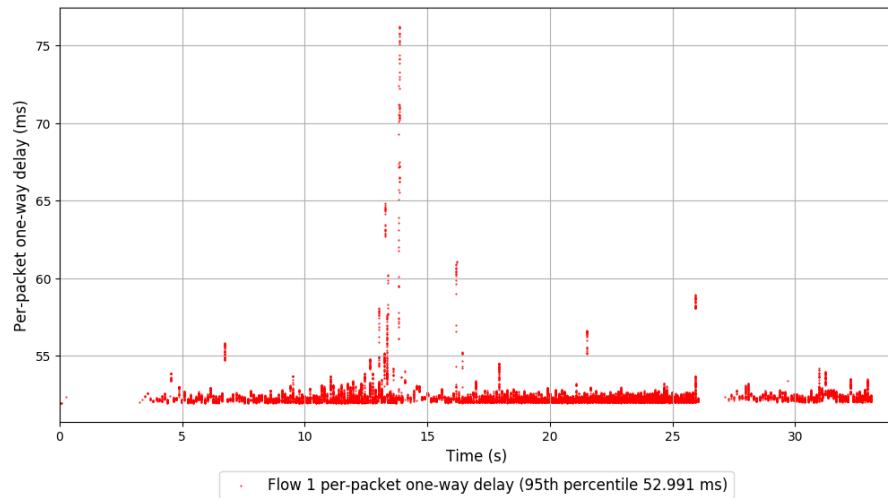
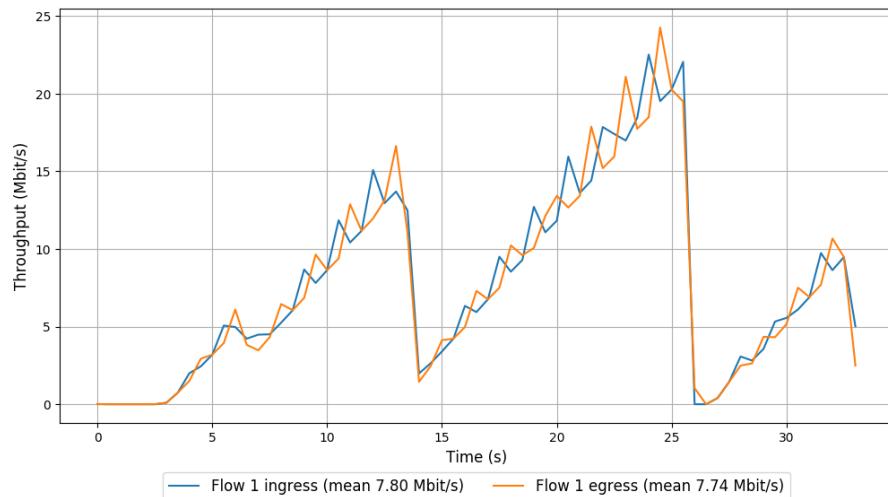


Run 10: Statistics of LEDBAT

```
Start at: Tue, 27 Jun 2017 03:34:37 +0000
End at: Tue, 27 Jun 2017 03:35:07 +0000
Local clock offset: 1.167 ms
Remote clock offset: -5.412 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 52.991 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 52.991 ms
Loss rate: 1.14%
```

Run 10: Report of LEDBAT — Data Link

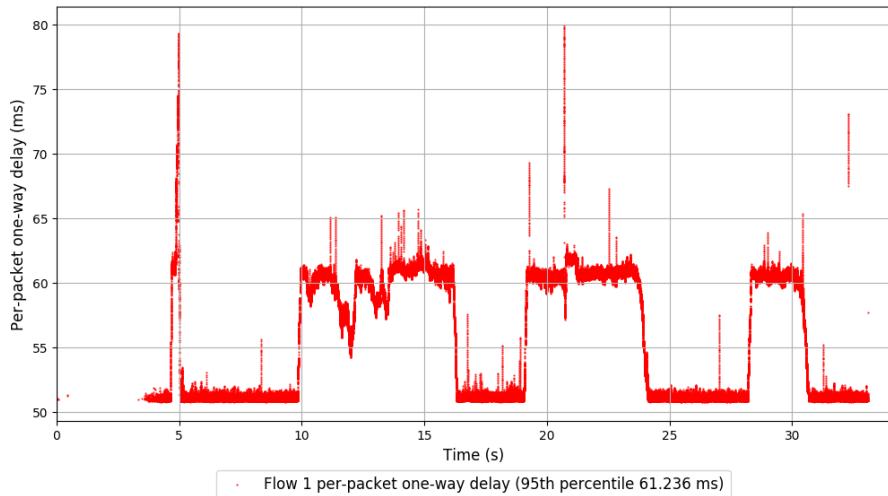
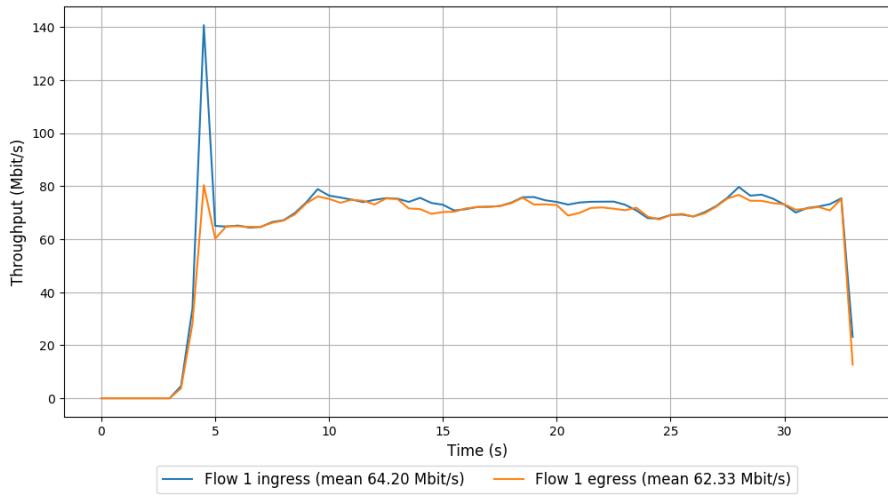


Run 1: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 01:05:23 +0000
End at: Tue, 27 Jun 2017 01:05:53 +0000
Local clock offset: -0.942 ms
Remote clock offset: -8.431 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 61.236 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 61.236 ms
Loss rate: 3.24%
```

Run 1: Report of PCC — Data Link

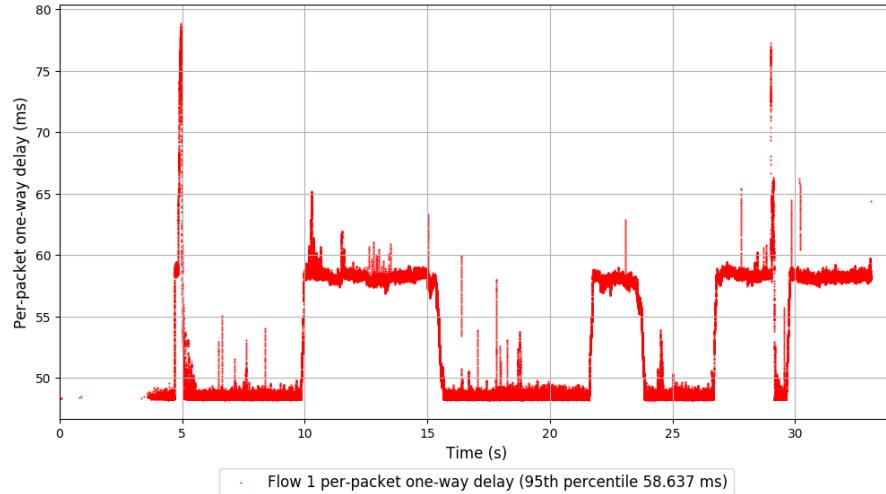
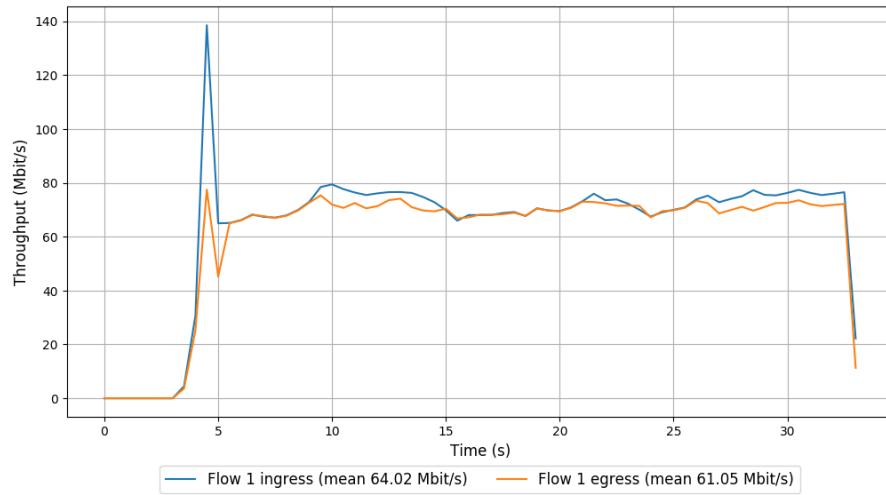


Run 2: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 01:22:45 +0000
End at: Tue, 27 Jun 2017 01:23:15 +0000
Local clock offset: 1.099 ms
Remote clock offset: -8.639 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.05 Mbit/s
95th percentile per-packet one-way delay: 58.637 ms
Loss rate: 4.95%
-- Flow 1:
Average throughput: 61.05 Mbit/s
95th percentile per-packet one-way delay: 58.637 ms
Loss rate: 4.95%
```

Run 2: Report of PCC — Data Link

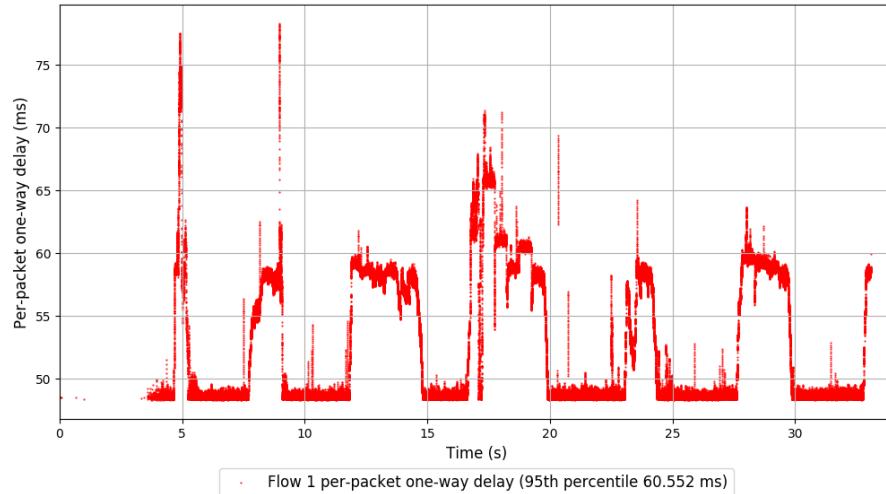
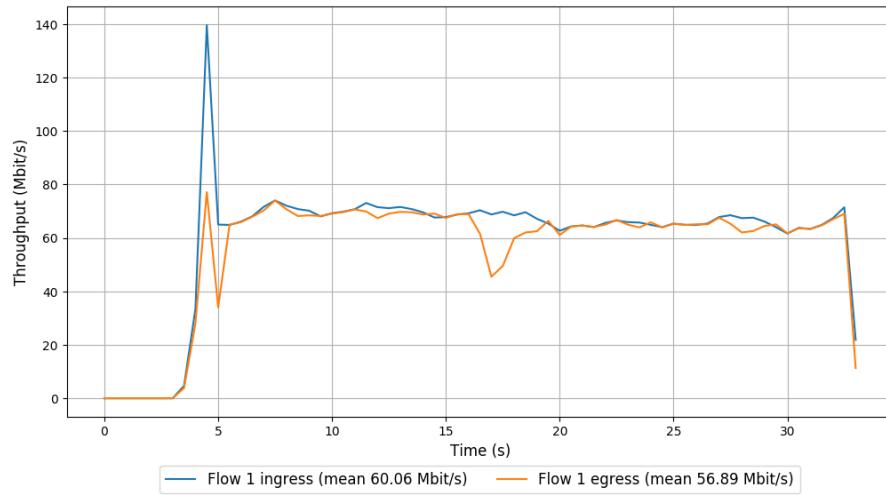


Run 3: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 01:40:05 +0000
End at: Tue, 27 Jun 2017 01:40:35 +0000
Local clock offset: 1.295 ms
Remote clock offset: -8.541 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 5.61%
-- Flow 1:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 5.61%
```

Run 3: Report of PCC — Data Link

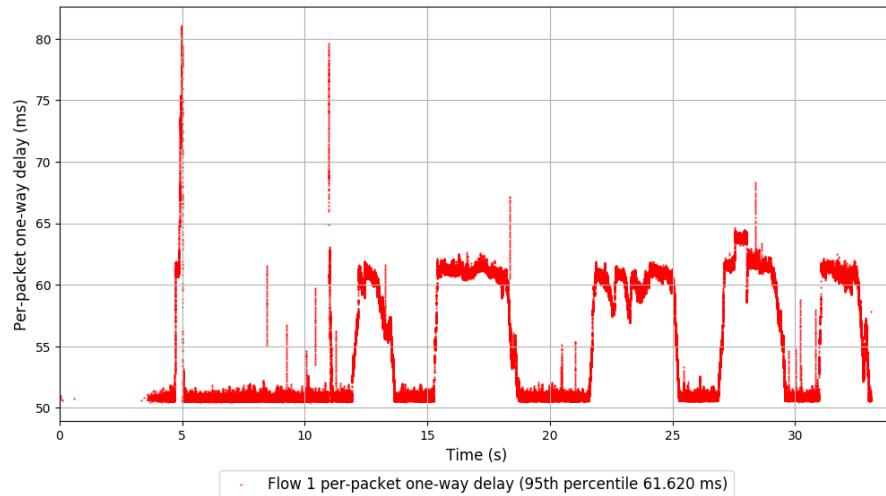
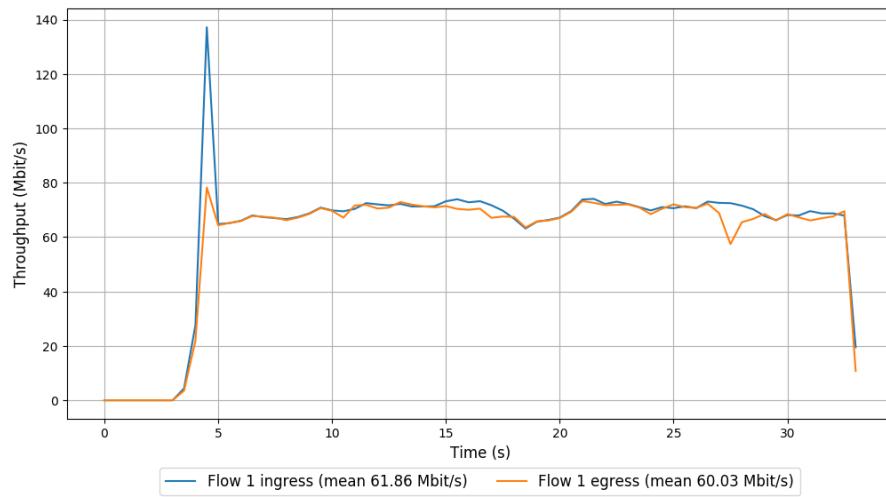


Run 4: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 01:57:33 +0000
End at: Tue, 27 Jun 2017 01:58:03 +0000
Local clock offset: -0.396 ms
Remote clock offset: -7.973 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.03 Mbit/s
95th percentile per-packet one-way delay: 61.620 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 60.03 Mbit/s
95th percentile per-packet one-way delay: 61.620 ms
Loss rate: 3.27%
```

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 27 Jun 2017 02:15:06 +0000
End at: Tue, 27 Jun 2017 02:15:36 +0000
Local clock offset: -0.68 ms
Remote clock offset: -7.412 ms

Run 5: Report of PCC — Data Link

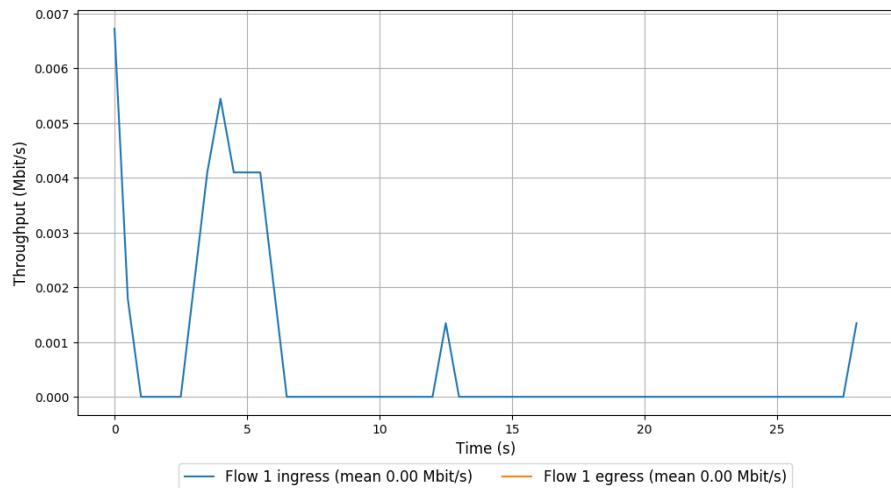


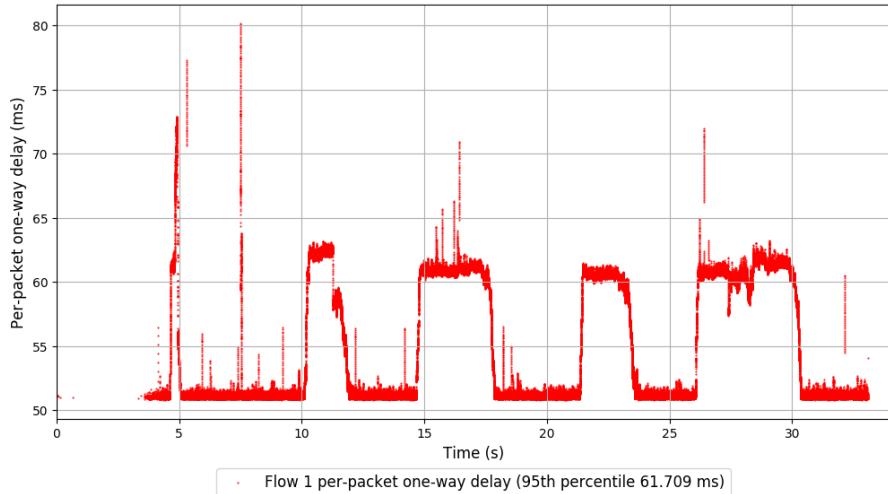
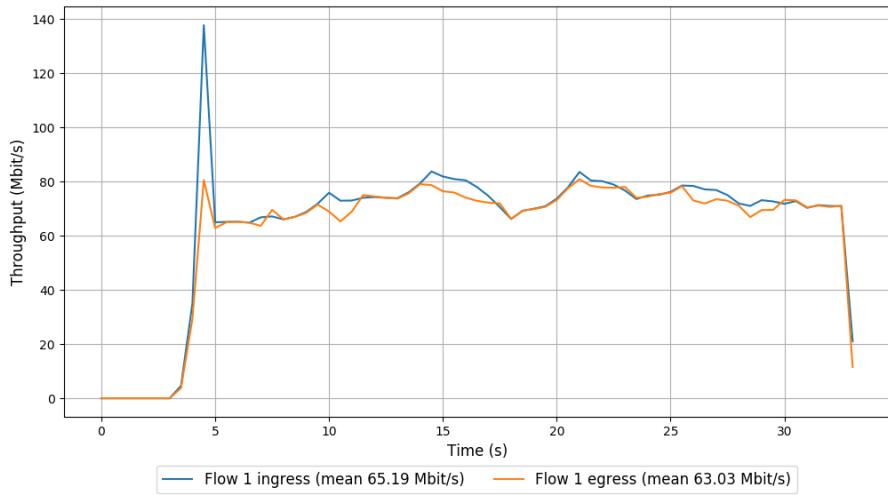
Figure is missing

Run 6: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 02:32:36 +0000
End at: Tue, 27 Jun 2017 02:33:06 +0000
Local clock offset: -0.413 ms
Remote clock offset: -7.394 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 61.709 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 61.709 ms
Loss rate: 3.66%
```

Run 6: Report of PCC — Data Link

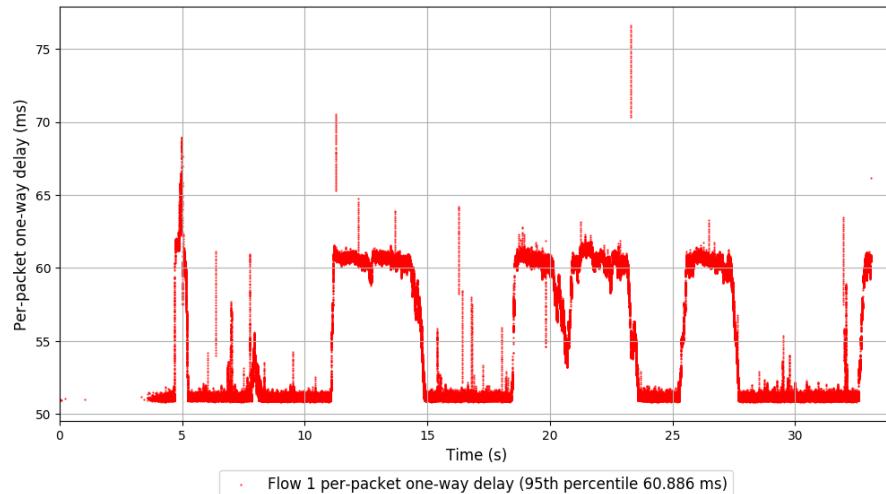
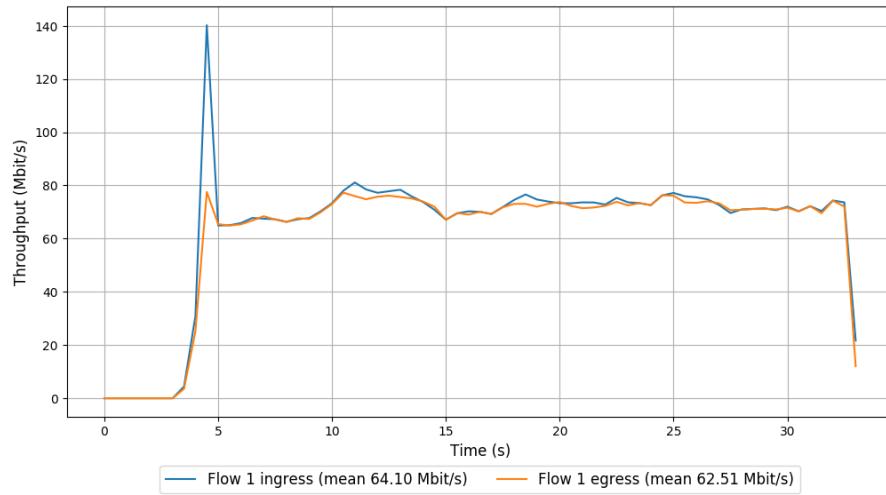


Run 7: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 02:50:07 +0000
End at: Tue, 27 Jun 2017 02:50:37 +0000
Local clock offset: -0.409 ms
Remote clock offset: -7.362 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.51 Mbit/s
95th percentile per-packet one-way delay: 60.886 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 62.51 Mbit/s
95th percentile per-packet one-way delay: 60.886 ms
Loss rate: 2.81%
```

Run 7: Report of PCC — Data Link

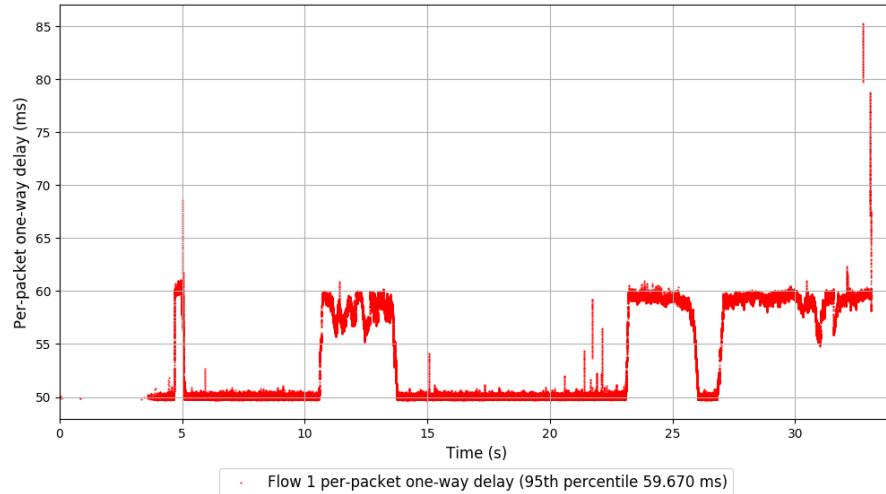
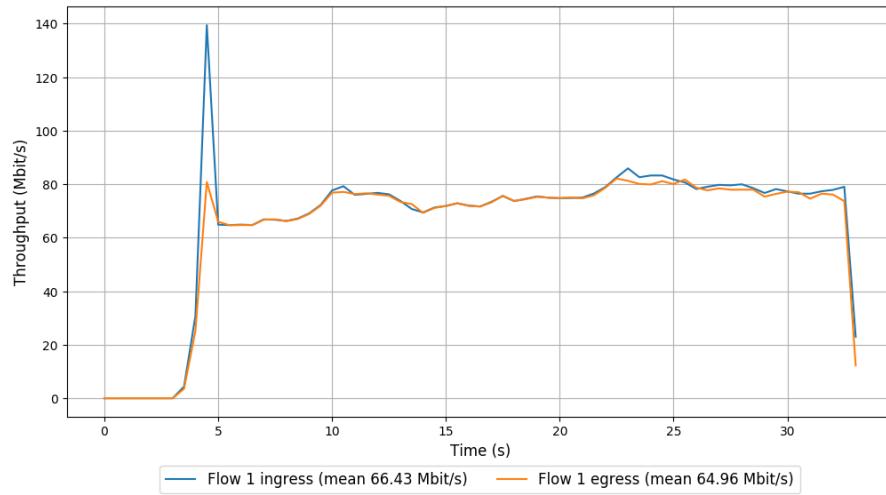


Run 8: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 03:07:41 +0000
End at: Tue, 27 Jun 2017 03:08:11 +0000
Local clock offset: 0.817 ms
Remote clock offset: -7.147 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.96 Mbit/s
95th percentile per-packet one-way delay: 59.670 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 64.96 Mbit/s
95th percentile per-packet one-way delay: 59.670 ms
Loss rate: 2.54%
```

Run 8: Report of PCC — Data Link

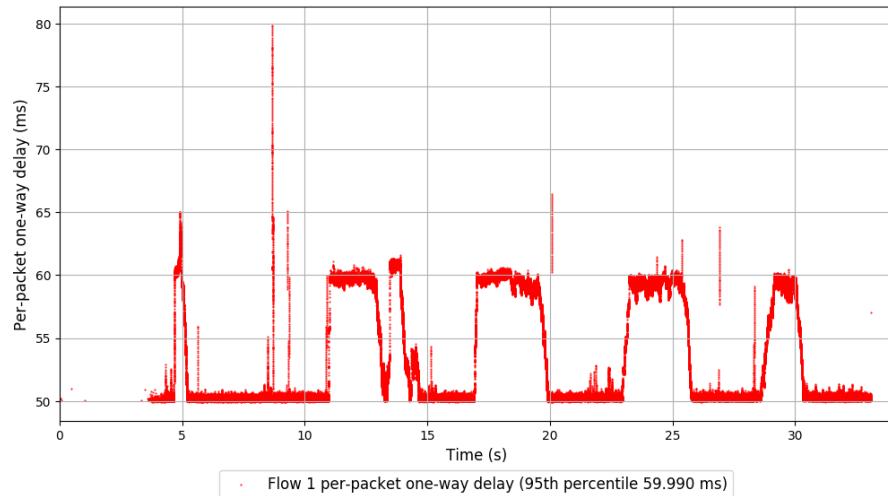
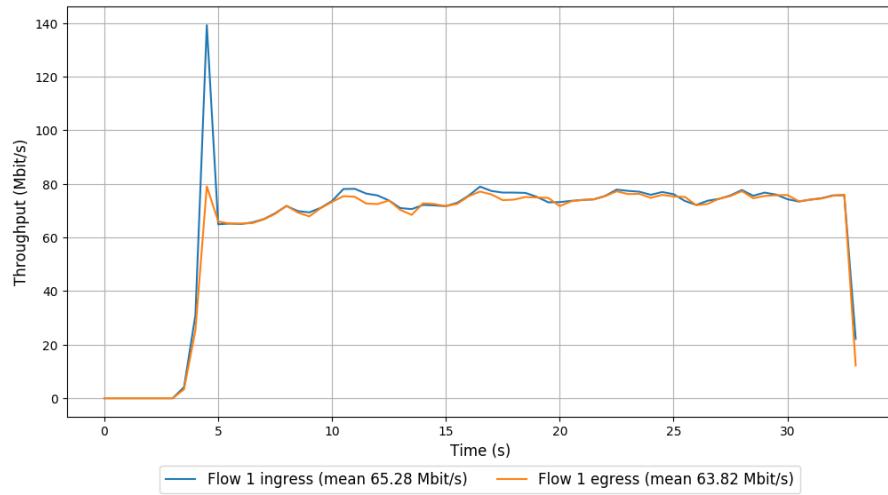


Run 9: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 03:25:05 +0000
End at: Tue, 27 Jun 2017 03:25:35 +0000
Local clock offset: 1.497 ms
Remote clock offset: -6.308 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.82 Mbit/s
95th percentile per-packet one-way delay: 59.990 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 63.82 Mbit/s
95th percentile per-packet one-way delay: 59.990 ms
Loss rate: 2.56%
```

Run 9: Report of PCC — Data Link

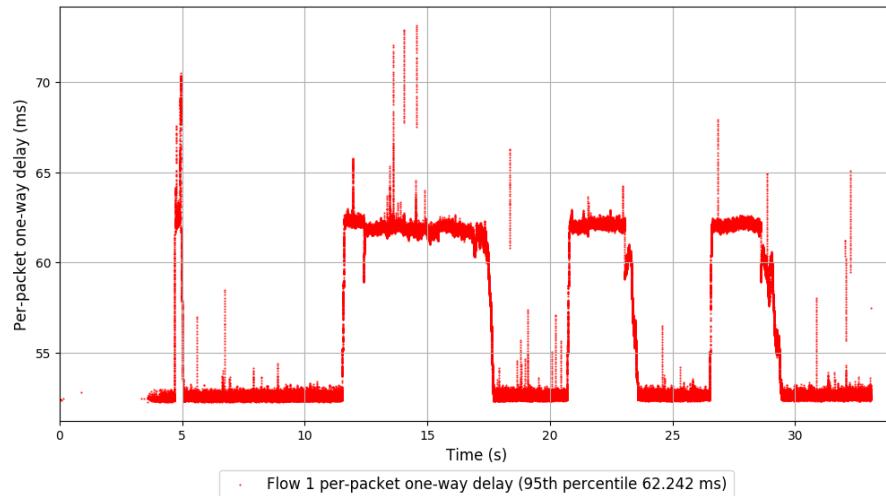
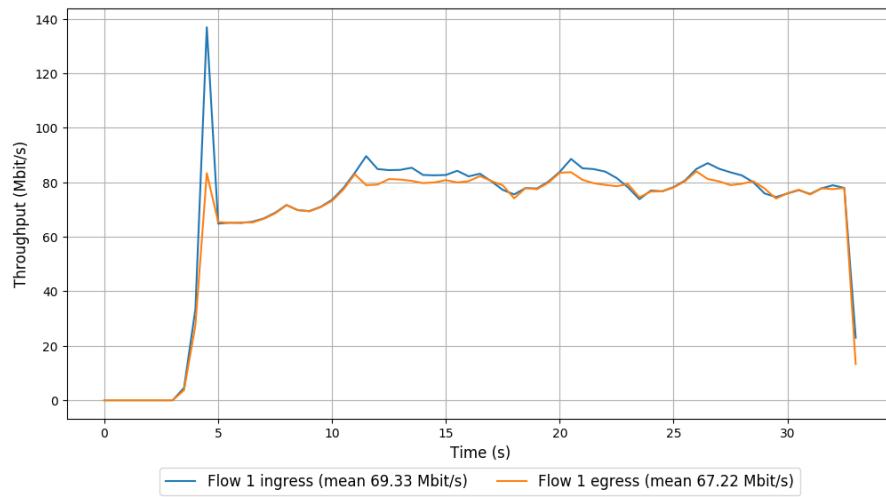


Run 10: Statistics of PCC

```
Start at: Tue, 27 Jun 2017 03:42:31 +0000
End at: Tue, 27 Jun 2017 03:43:01 +0000
Local clock offset: 1.239 ms
Remote clock offset: -4.157 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 62.242 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 62.242 ms
Loss rate: 3.36%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 27 Jun 2017 00:56:23 +0000
```

```
End at: Tue, 27 Jun 2017 00:56:53 +0000
```

```
Local clock offset: -0.875 ms
```

```
Remote clock offset: -8.243 ms
```

```
# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:54 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 15.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.080 ms
```

```
Loss rate: 1.44%
```

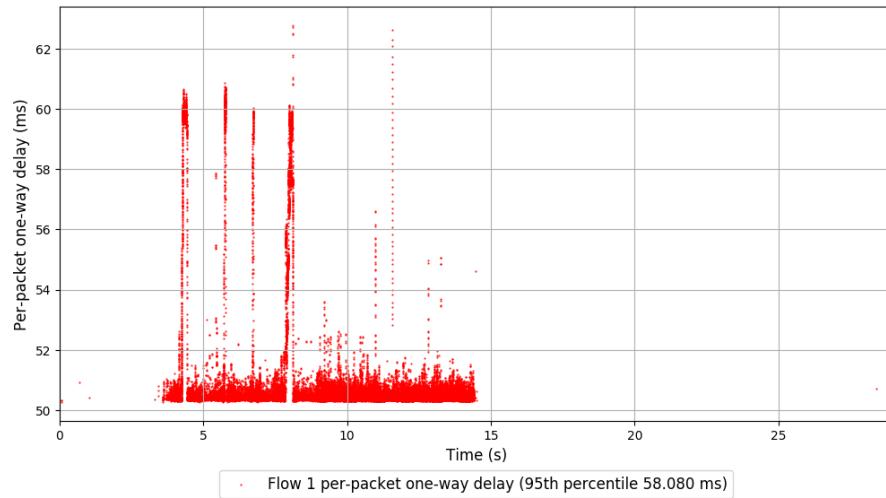
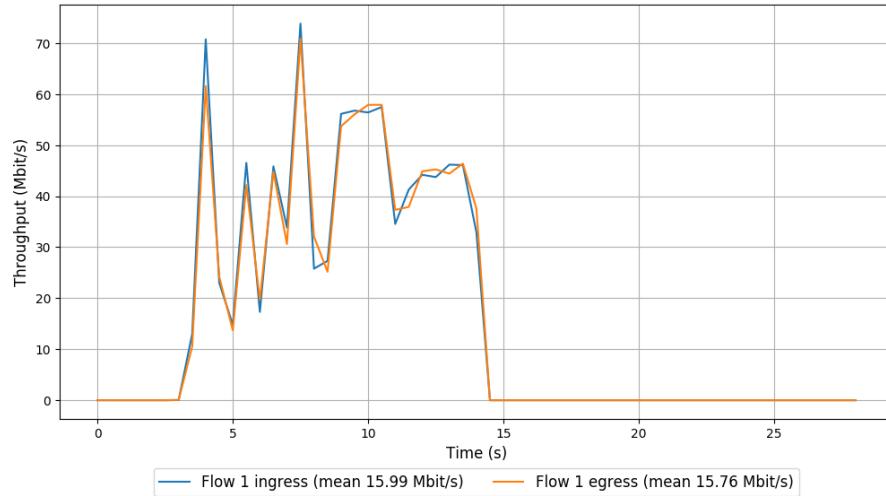
```
-- Flow 1:
```

```
Average throughput: 15.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.080 ms
```

```
Loss rate: 1.44%
```

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



Run 2: Statistics of QUIC Cubic (toy)

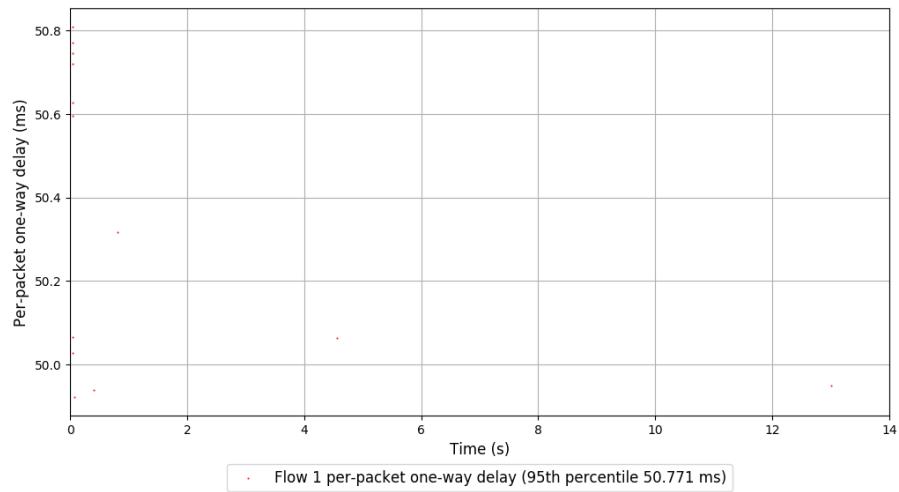
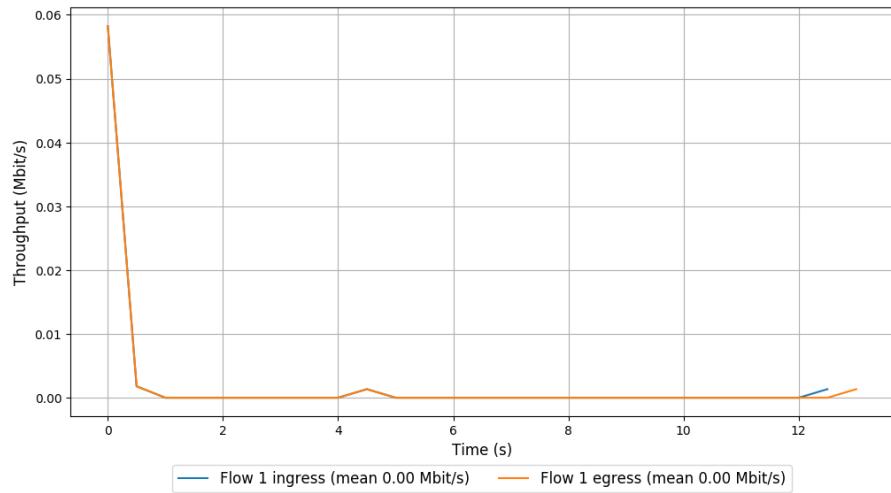
Start at: Tue, 27 Jun 2017 01:13:43 +0000

End at: Tue, 27 Jun 2017 01:14:13 +0000

Local clock offset: -0.347 ms

Remote clock offset: -8.635 ms

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

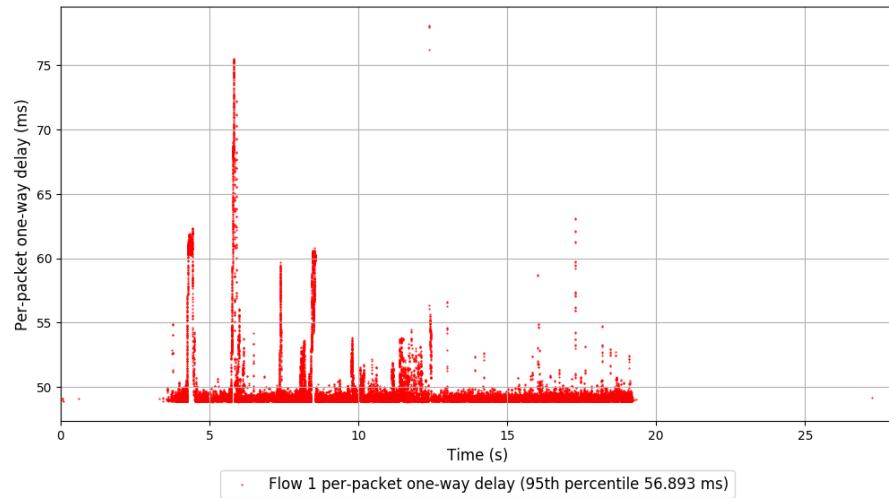
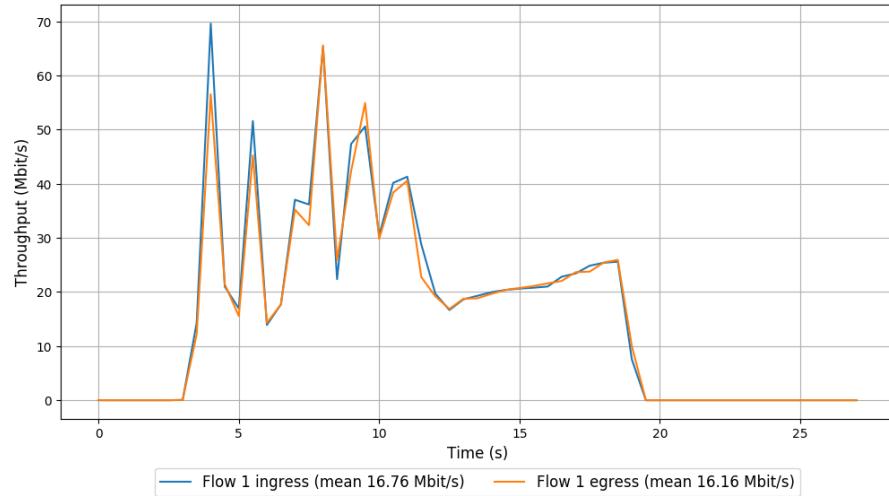


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 27 Jun 2017 01:31:01 +0000
End at: Tue, 27 Jun 2017 01:31:31 +0000
Local clock offset: 1.265 ms
Remote clock offset: -8.136 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 56.893 ms
Loss rate: 3.57%
-- Flow 1:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 56.893 ms
Loss rate: 3.57%
```

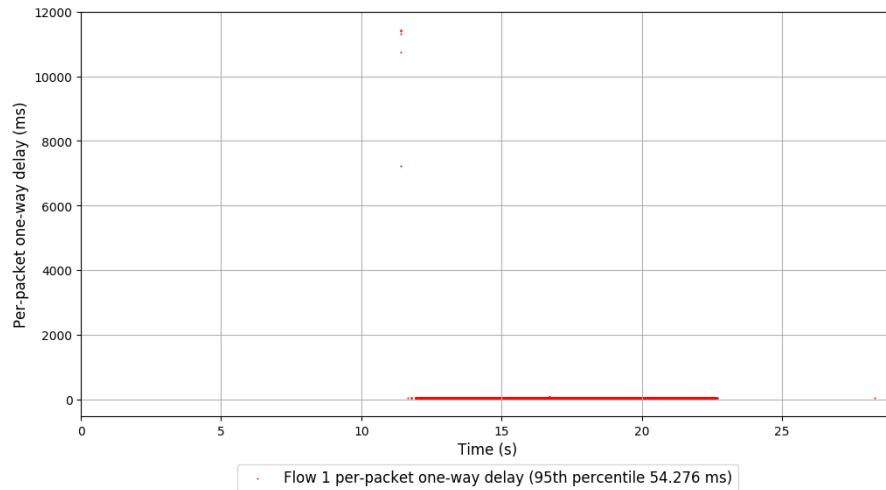
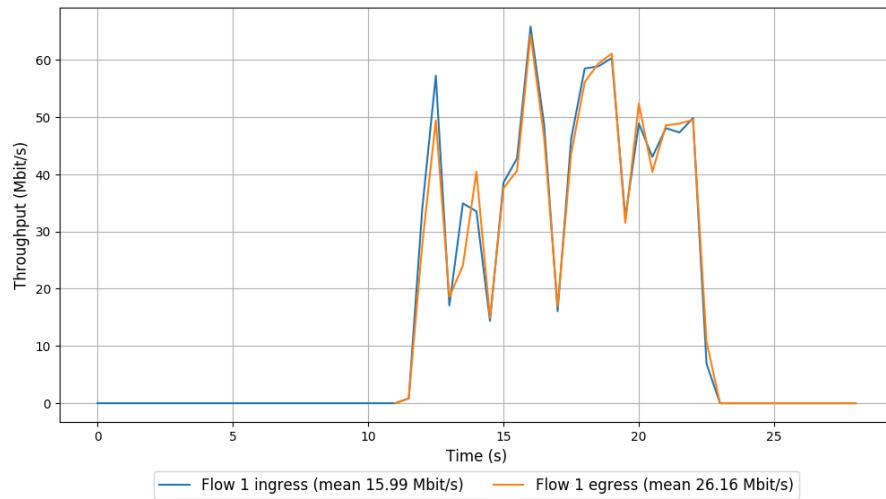
Run 3: Report of QUIC Cubic (toy) — Data Link



Run 4: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 01:48:27 +0000
End at: Tue, 27 Jun 2017 01:48:57 +0000
Local clock offset: 0.591 ms
Remote clock offset: -8.356 ms

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

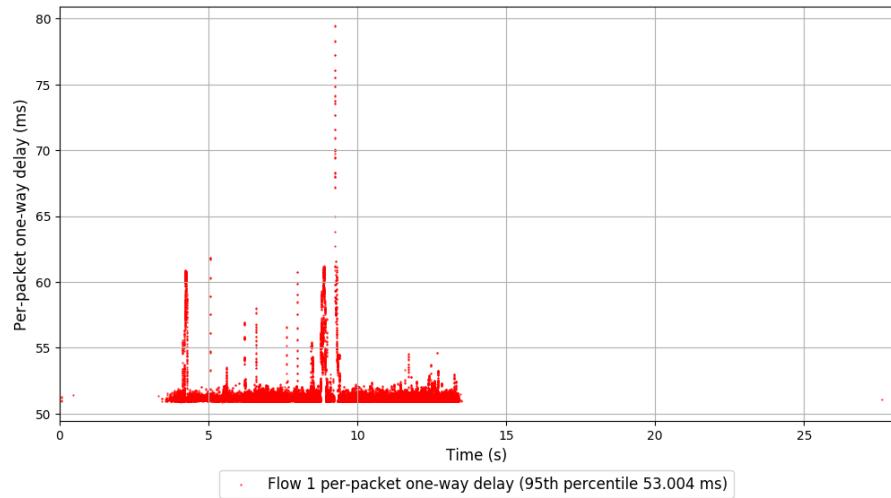
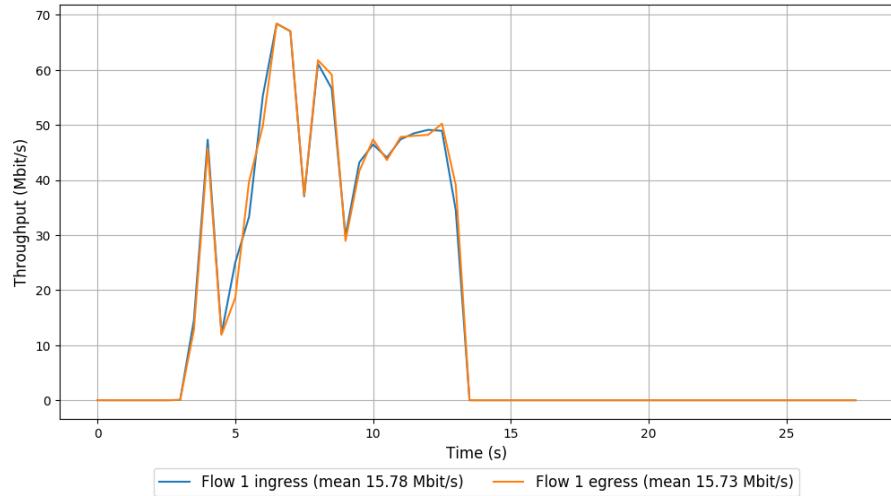


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 27 Jun 2017 02:06:05 +0000
End at: Tue, 27 Jun 2017 02:06:35 +0000
Local clock offset: -0.651 ms
Remote clock offset: -7.636 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 53.004 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 53.004 ms
Loss rate: 0.31%
```

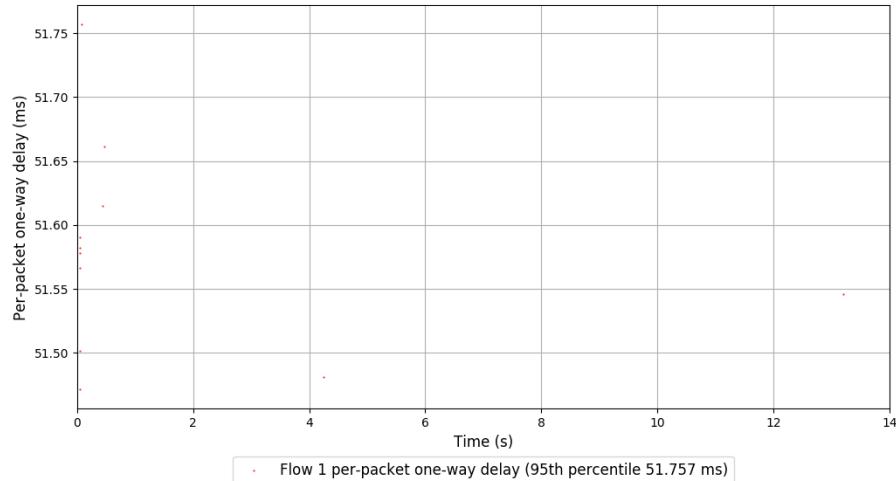
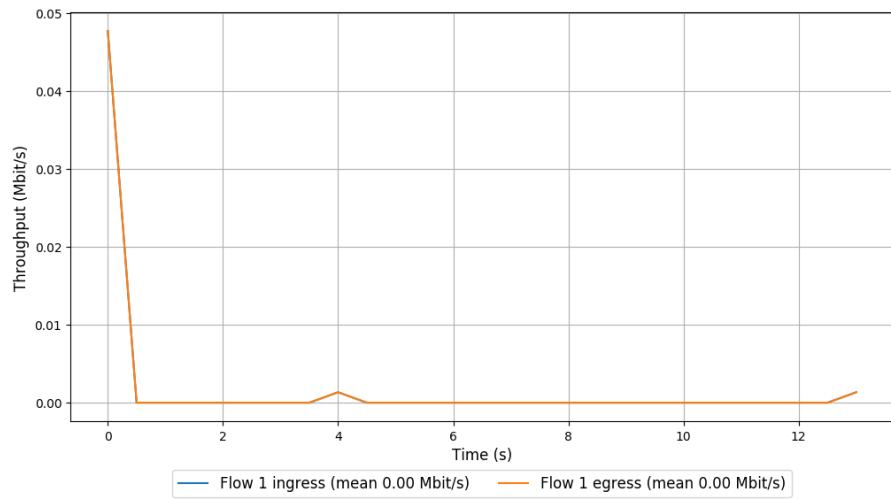
Run 5: Report of QUIC Cubic (toy) — Data Link



Run 6: Statistics of QUIC Cubic (toy)

Start at: Tue, 27 Jun 2017 02:23:35 +0000
End at: Tue, 27 Jun 2017 02:24:05 +0000
Local clock offset: -0.475 ms
Remote clock offset: -7.359 ms

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



Run 7: Statistics of QUIC Cubic (toy)

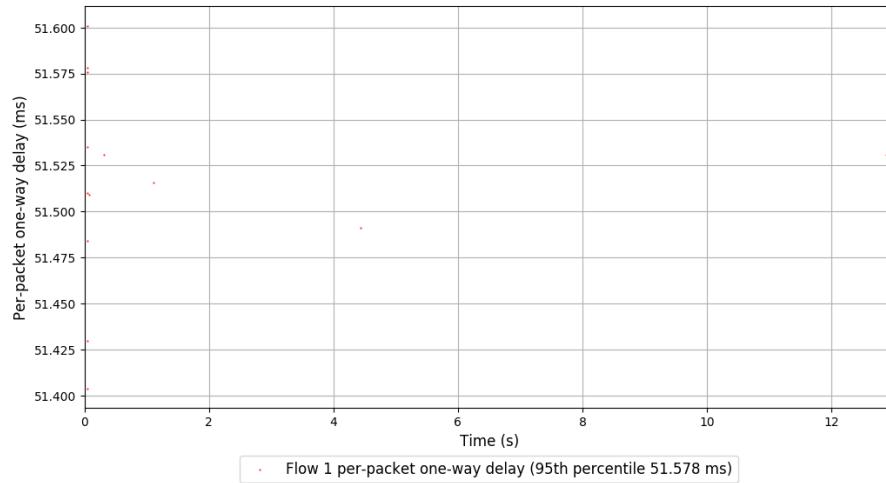
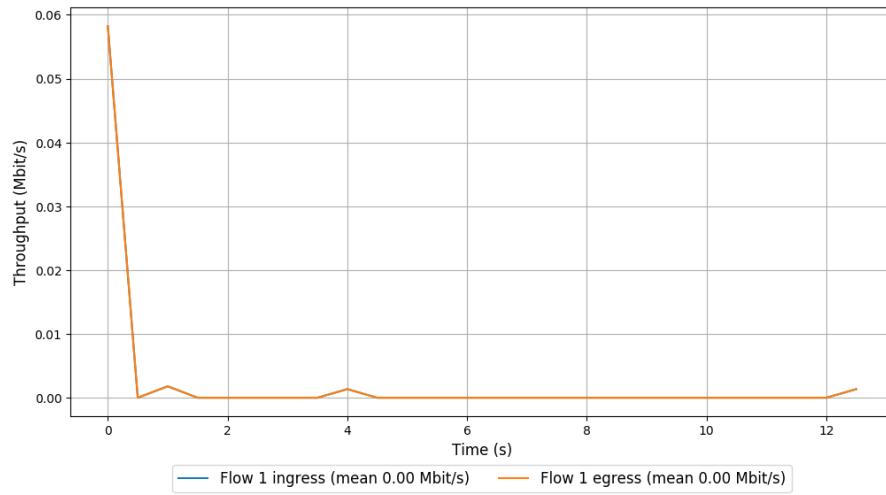
Start at: Tue, 27 Jun 2017 02:41:03 +0000

End at: Tue, 27 Jun 2017 02:41:34 +0000

Local clock offset: -0.409 ms

Remote clock offset: -7.608 ms

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

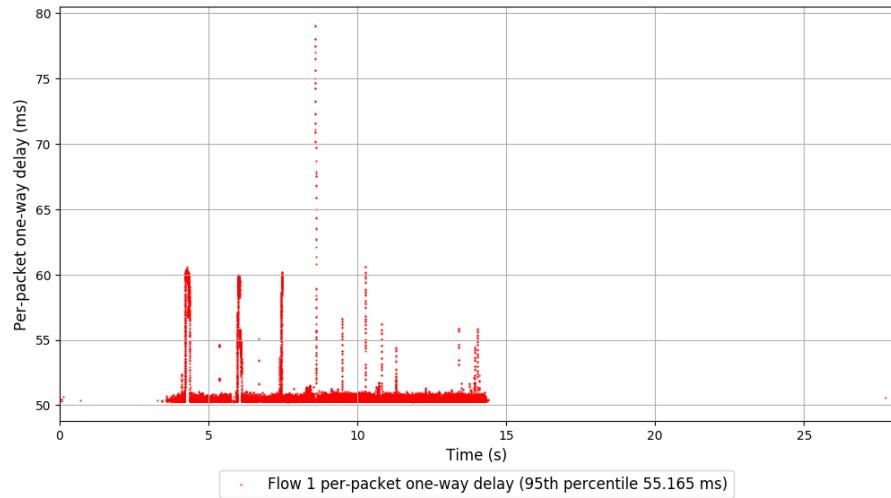
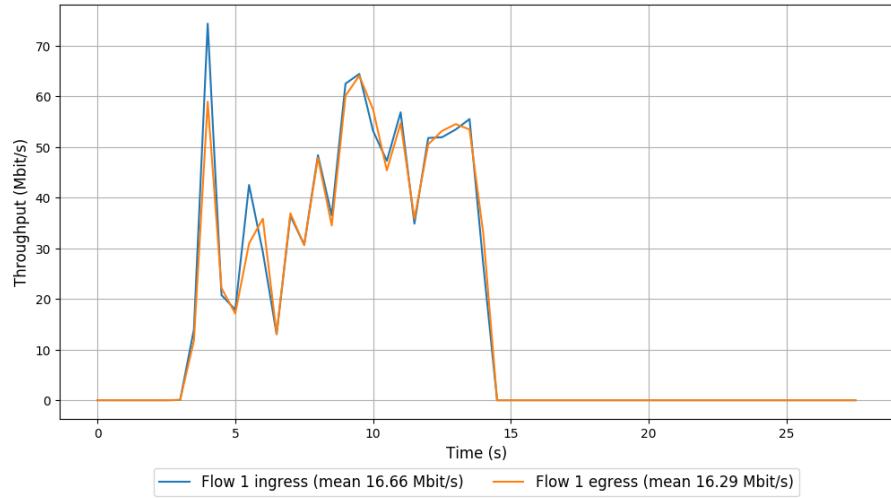


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 27 Jun 2017 02:58:35 +0000
End at: Tue, 27 Jun 2017 02:59:05 +0000
Local clock offset: 0.48 ms
Remote clock offset: -7.3 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 55.165 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 55.165 ms
Loss rate: 2.22%
```

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

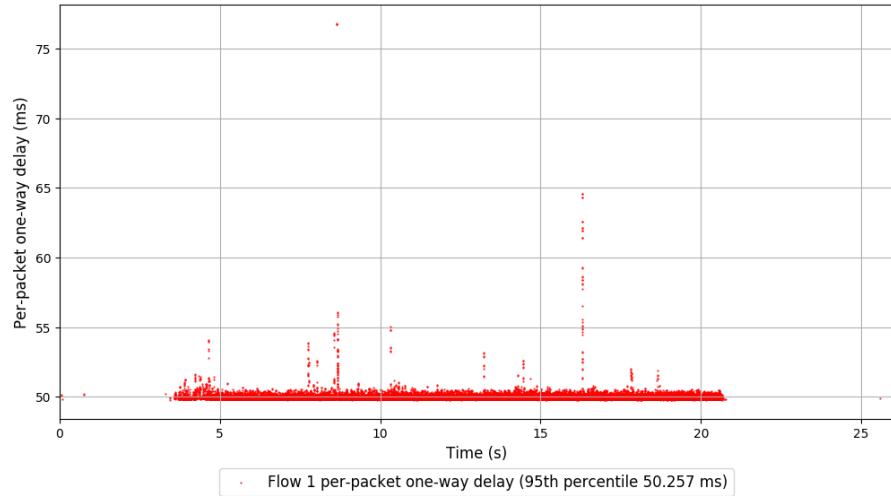
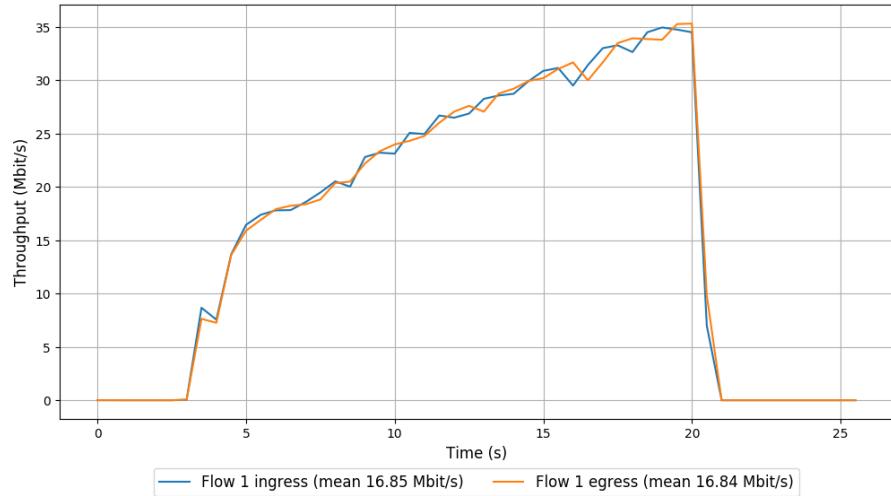


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 27 Jun 2017 03:16:05 +0000
End at: Tue, 27 Jun 2017 03:16:35 +0000
Local clock offset: 1.176 ms
Remote clock offset: -6.849 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:27:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 50.257 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 50.257 ms
Loss rate: 0.04%
```

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

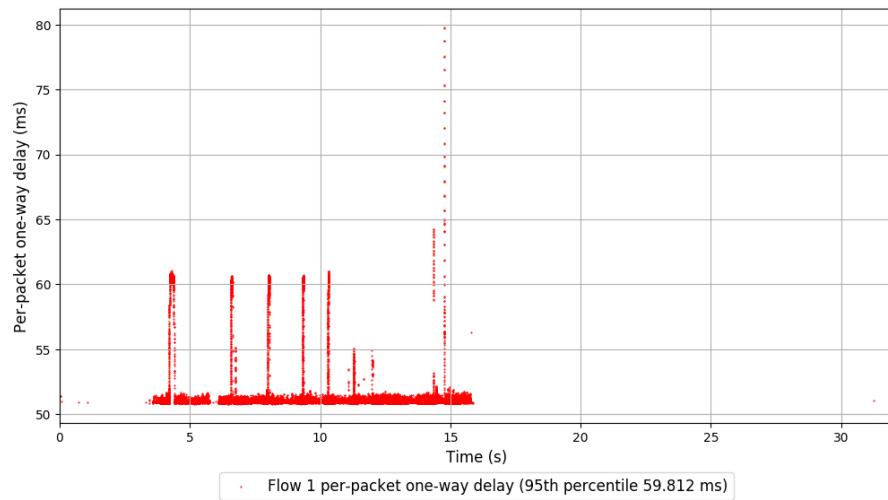
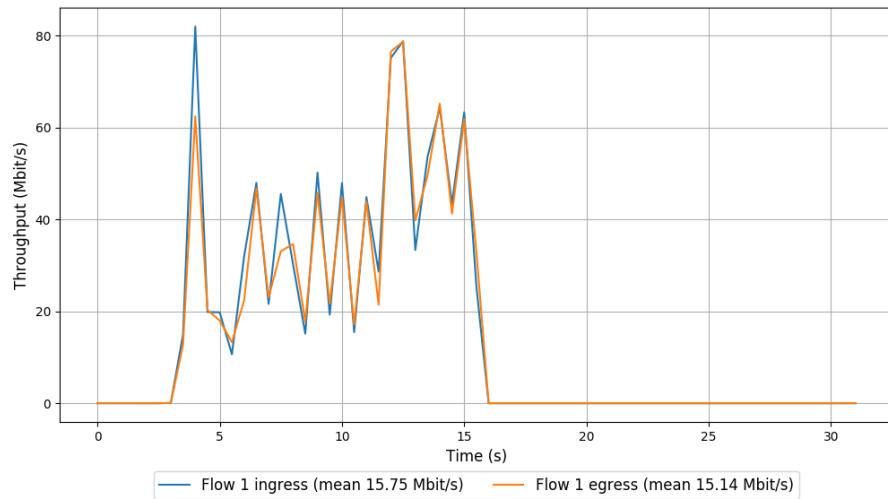


```
Run 10: Statistics of QUIC Cubic (toy)
```

```
Start at: Tue, 27 Jun 2017 03:33:29 +0000
End at: Tue, 27 Jun 2017 03:33:59 +0000
Local clock offset: 1.208 ms
Remote clock offset: -5.256 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 59.812 ms
Loss rate: 3.91%
-- Flow 1:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 59.812 ms
Loss rate: 3.91%
```

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

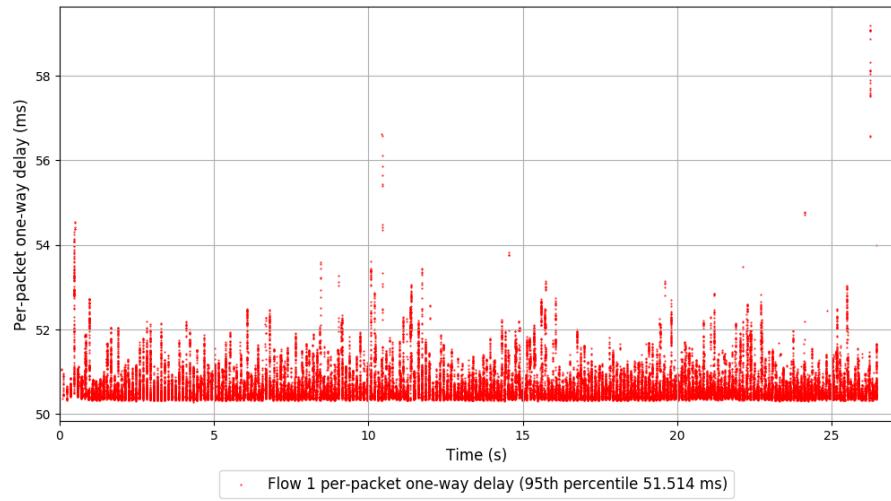
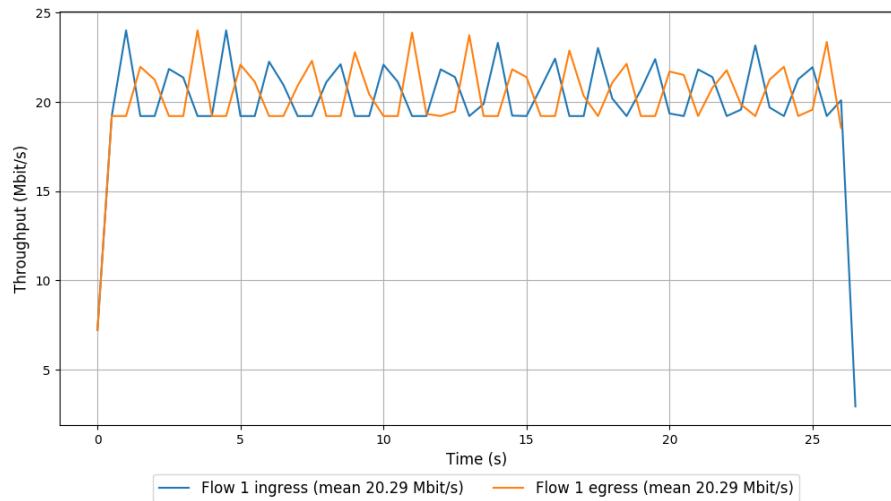


Run 1: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 00:58:38 +0000
End at: Tue, 27 Jun 2017 00:59:08 +0000
Local clock offset: -0.868 ms
Remote clock offset: -9.083 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 51.514 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 51.514 ms
Loss rate: 0.44%
```

Run 1: Report of Saturator — Data Link

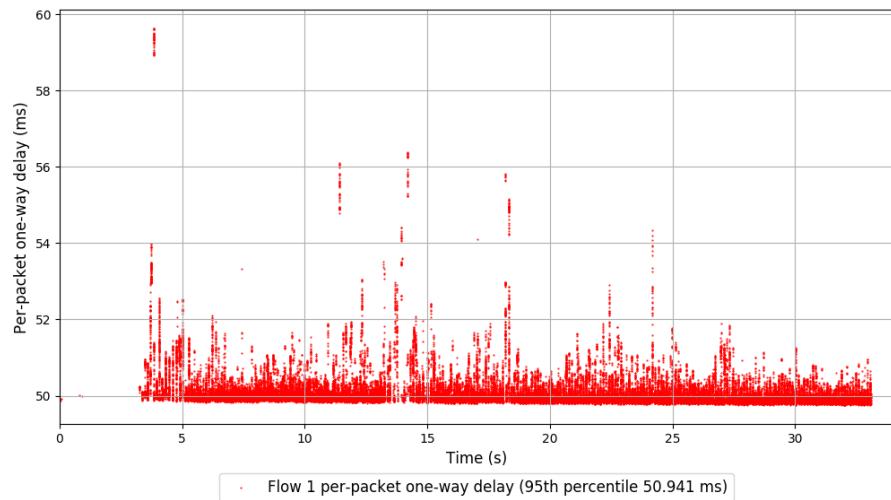
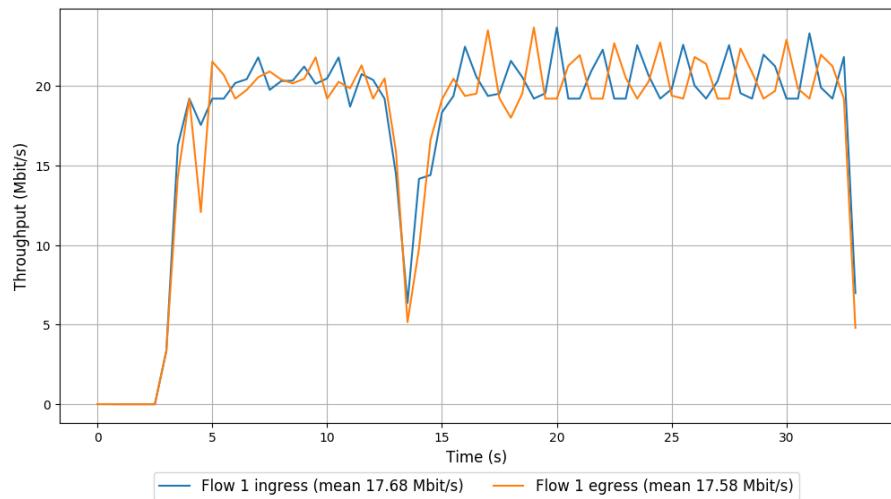


Run 2: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 01:15:56 +0000
End at: Tue, 27 Jun 2017 01:16:26 +0000
Local clock offset: 0.131 ms
Remote clock offset: -8.859 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.58 Mbit/s
95th percentile per-packet one-way delay: 50.941 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 17.58 Mbit/s
95th percentile per-packet one-way delay: 50.941 ms
Loss rate: 0.92%
```

Run 2: Report of Saturator — Data Link

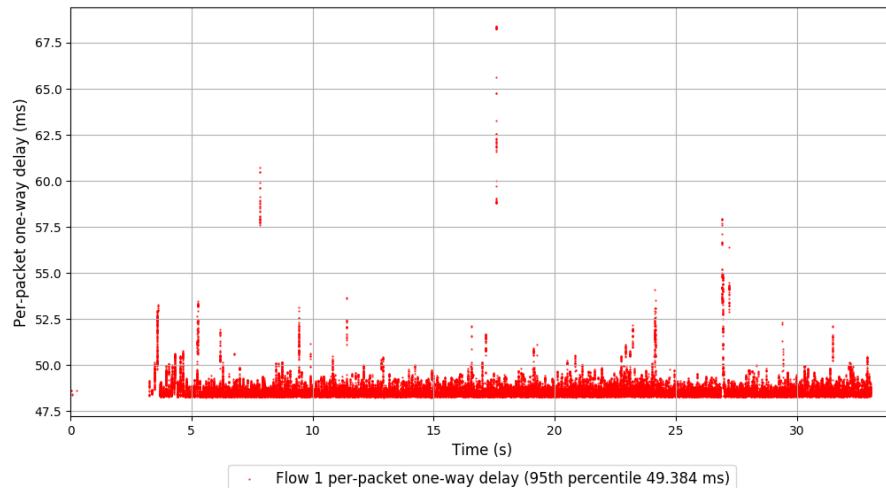
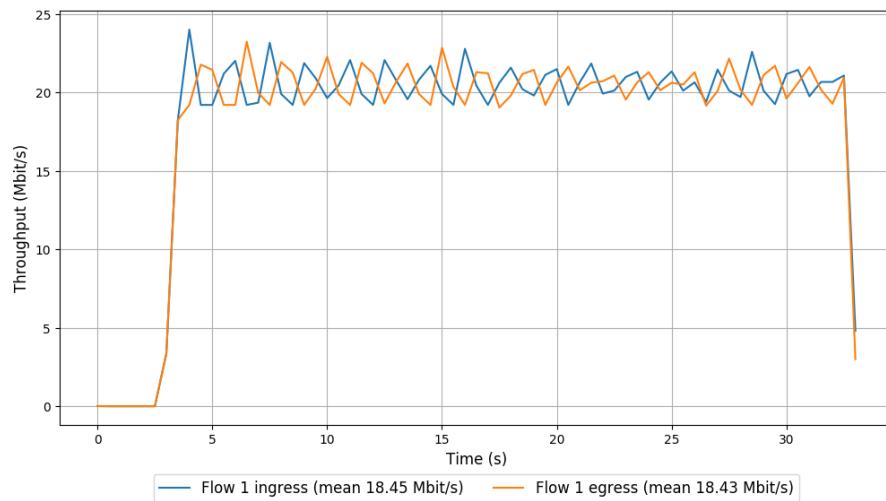


Run 3: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 01:33:17 +0000
End at: Tue, 27 Jun 2017 01:33:47 +0000
Local clock offset: 1.294 ms
Remote clock offset: -8.41 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.43 Mbit/s
95th percentile per-packet one-way delay: 49.384 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 18.43 Mbit/s
95th percentile per-packet one-way delay: 49.384 ms
Loss rate: 0.47%
```

Run 3: Report of Saturator — Data Link

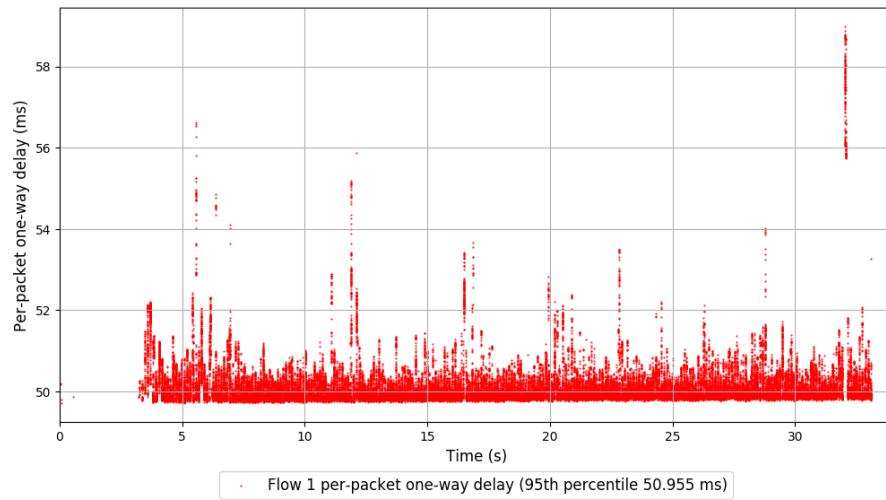
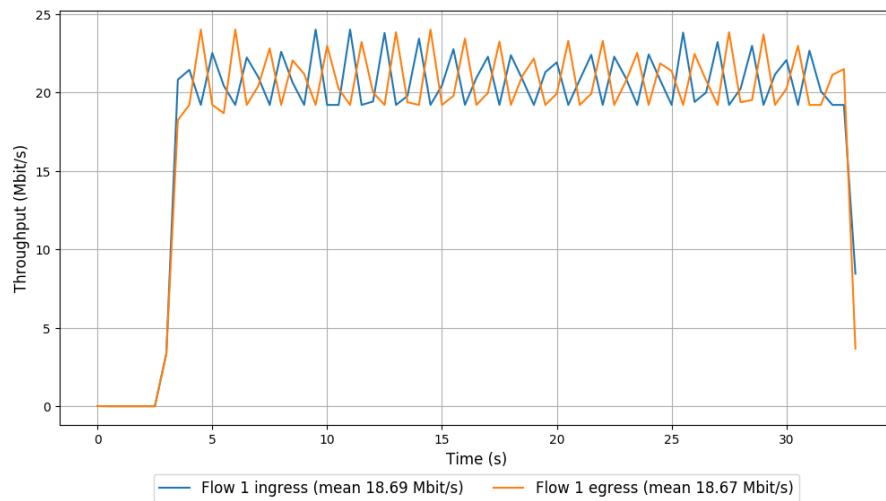


Run 4: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 01:50:42 +0000
End at: Tue, 27 Jun 2017 01:51:12 +0000
Local clock offset: 0.289 ms
Remote clock offset: -7.594 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 50.955 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 50.955 ms
Loss rate: 0.42%
```

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 27 Jun 2017 02:08:19 +0000
End at: Tue, 27 Jun 2017 02:08:49 +0000
Local clock offset: -0.667 ms
Remote clock offset: -7.84 ms

Run 5: Report of Saturator — Data Link

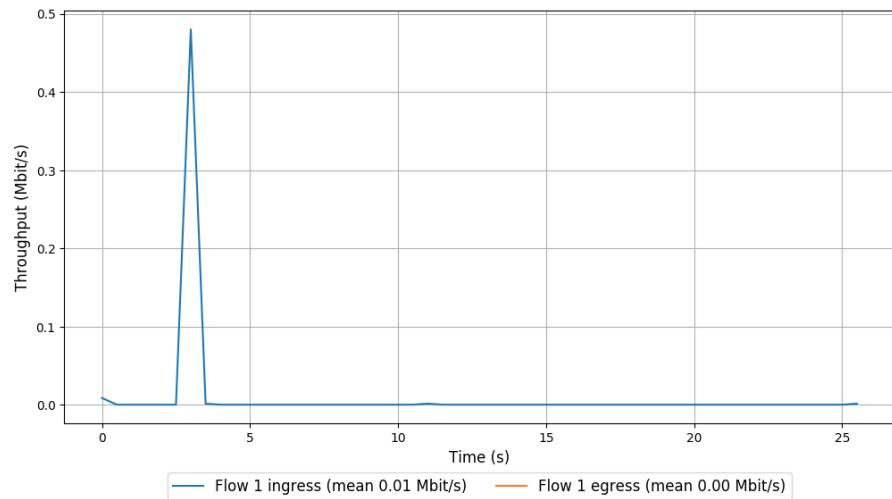


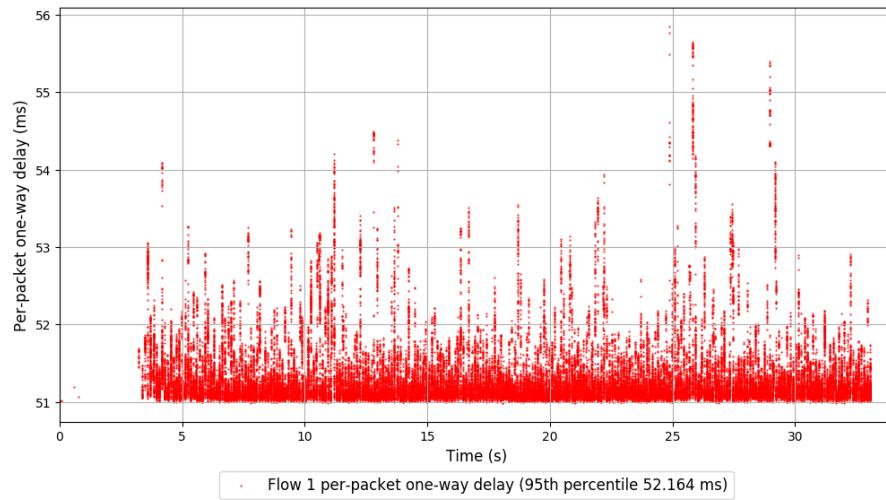
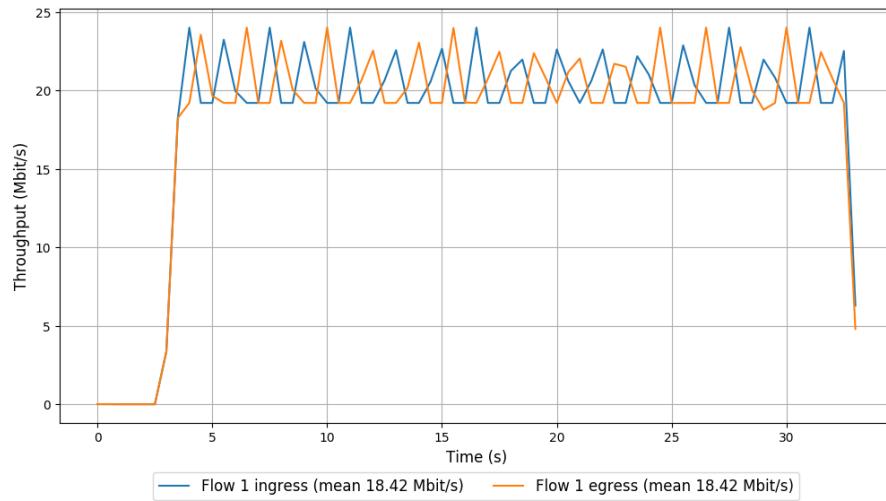
Figure is missing

Run 6: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 02:25:48 +0000
End at: Tue, 27 Jun 2017 02:26:18 +0000
Local clock offset: -0.427 ms
Remote clock offset: -7.146 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 52.164 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 52.164 ms
Loss rate: 0.43%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 27 Jun 2017 02:43:17 +0000

End at: Tue, 27 Jun 2017 02:43:47 +0000

Local clock offset: -0.437 ms

Remote clock offset: -7.504 ms

Below is generated by plot.py at Tue, 27 Jun 2017 04:28:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.49 Mbit/s

95th percentile per-packet one-way delay: 52.430 ms

Loss rate: 0.42%

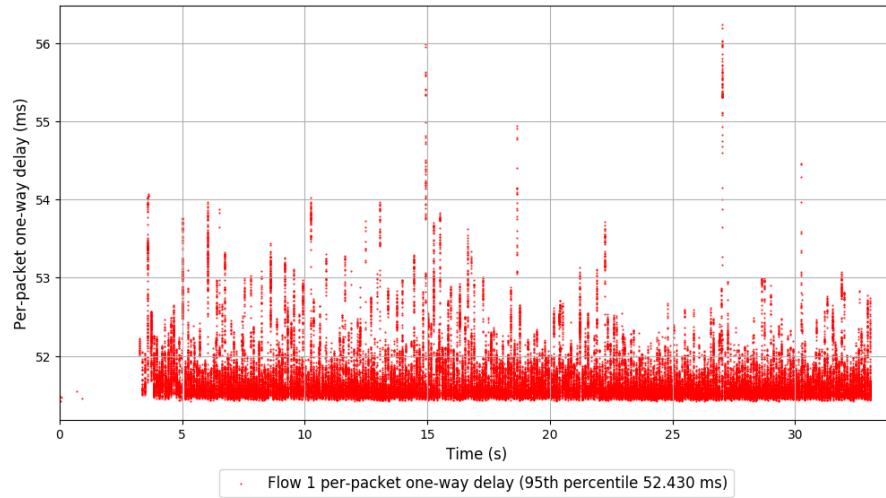
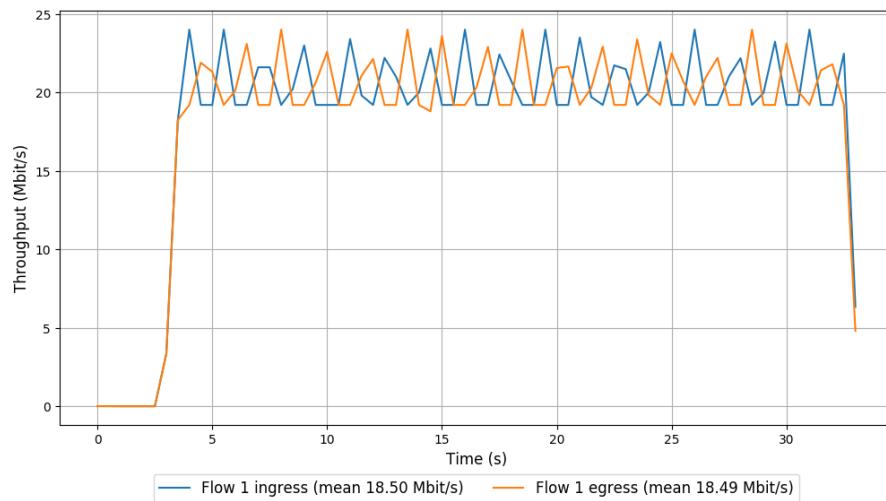
-- Flow 1:

Average throughput: 18.49 Mbit/s

95th percentile per-packet one-way delay: 52.430 ms

Loss rate: 0.42%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 27 Jun 2017 03:00:50 +0000
End at: Tue, 27 Jun 2017 03:01:21 +0000
Local clock offset: 0.57 ms
Remote clock offset: -7.301 ms

Run 8: Report of Saturator — Data Link

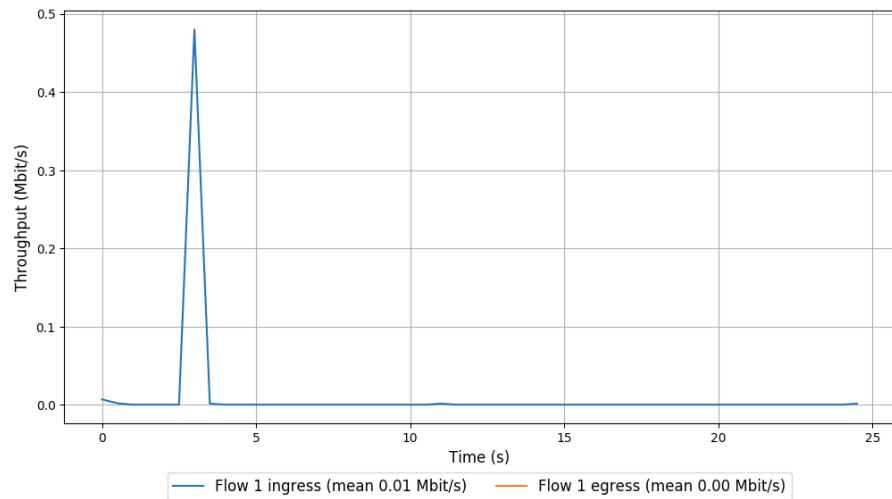


Figure is missing

Run 9: Statistics of Saturator

Start at: Tue, 27 Jun 2017 03:18:19 +0000
End at: Tue, 27 Jun 2017 03:18:49 +0000
Local clock offset: 1.24 ms
Remote clock offset: -7.076 ms

Run 9: Report of Saturator — Data Link

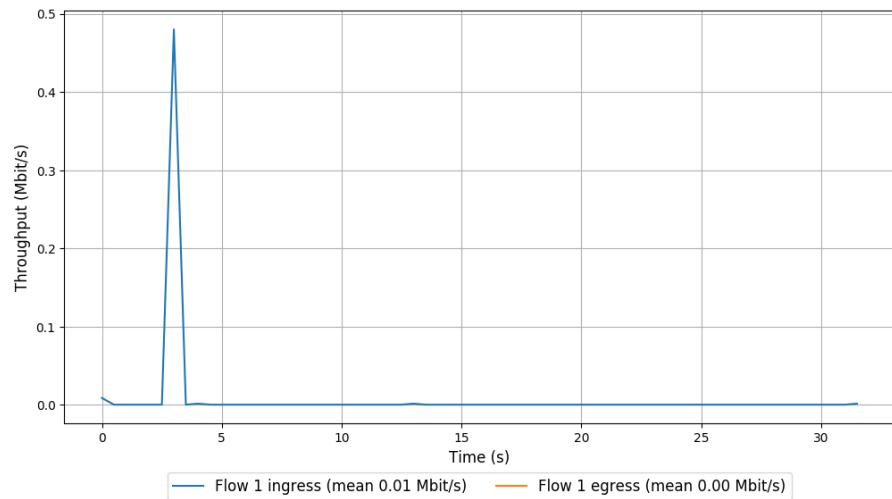


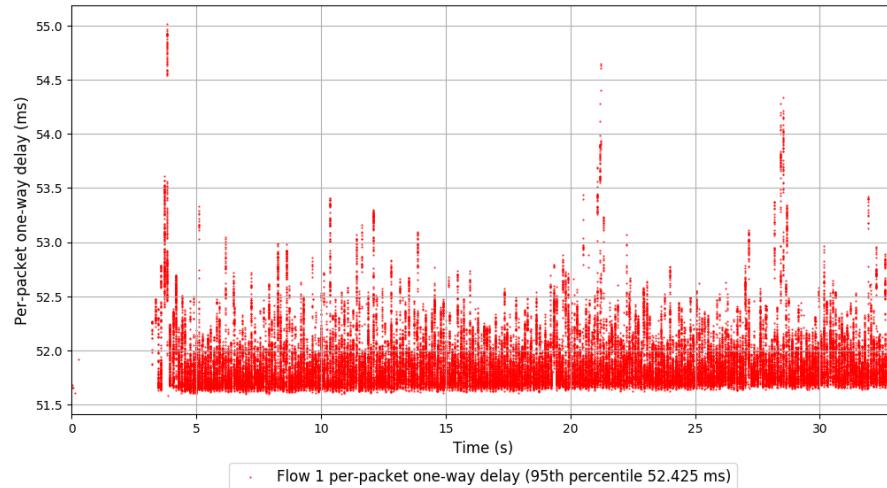
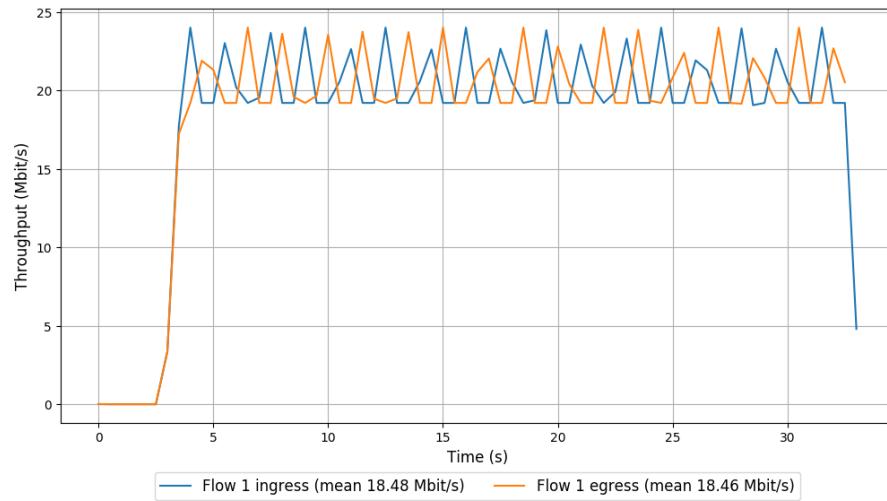
Figure is missing

Run 10: Statistics of Saturator

```
Start at: Tue, 27 Jun 2017 03:35:44 +0000
End at: Tue, 27 Jun 2017 03:36:14 +0000
Local clock offset: 1.128 ms
Remote clock offset: -4.936 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 52.425 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 52.425 ms
Loss rate: 0.45%
```

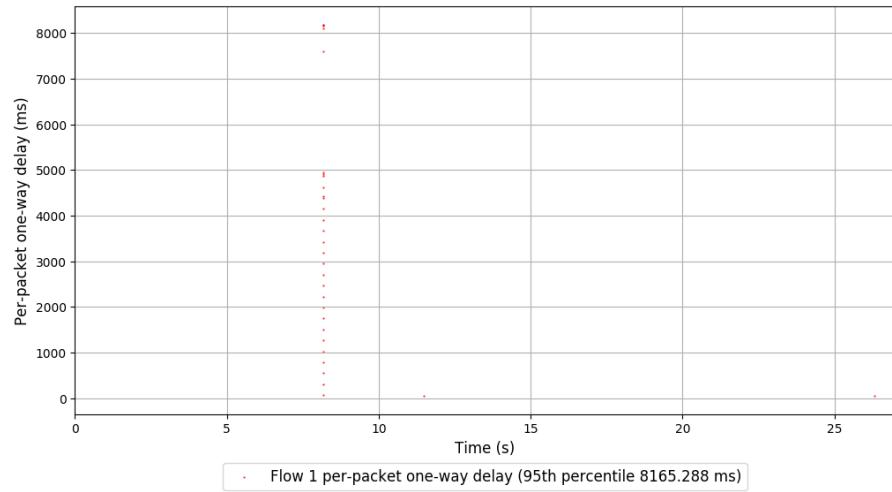
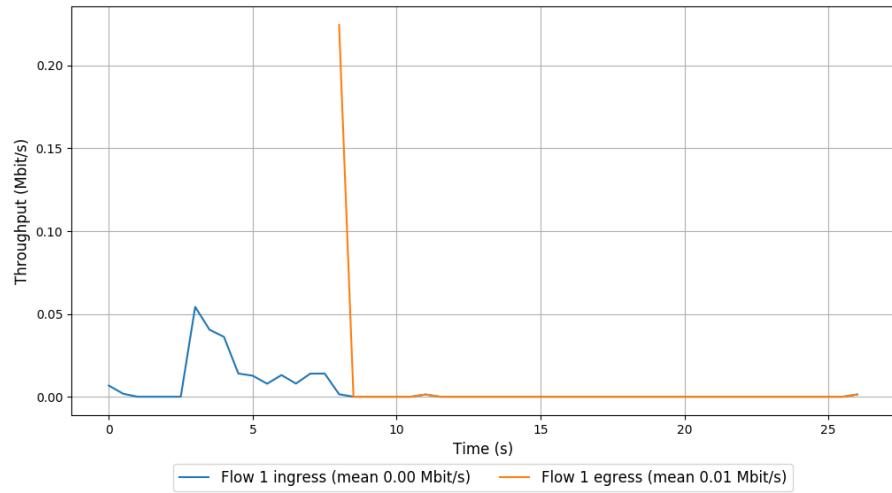
Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Tue, 27 Jun 2017 00:55:18 +0000
End at: Tue, 27 Jun 2017 00:55:48 +0000
Local clock offset: -0.881 ms
Remote clock offset: -8.934 ms

Run 1: Report of SCReAM — Data Link

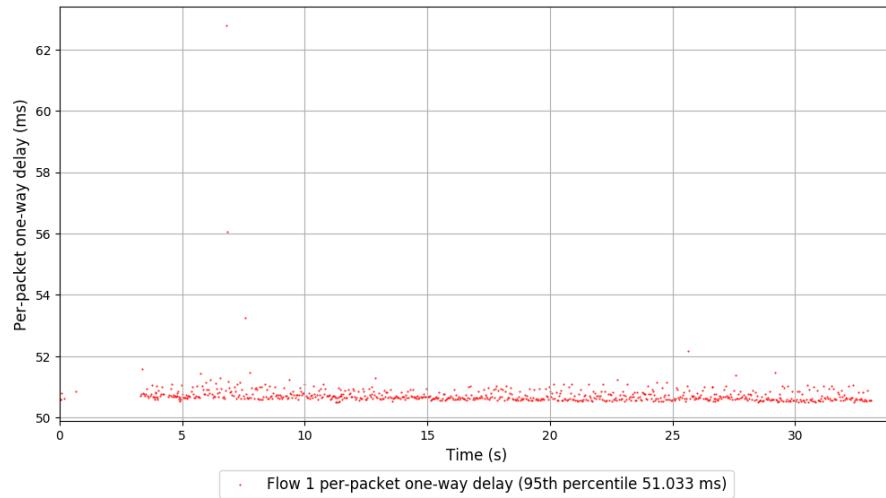
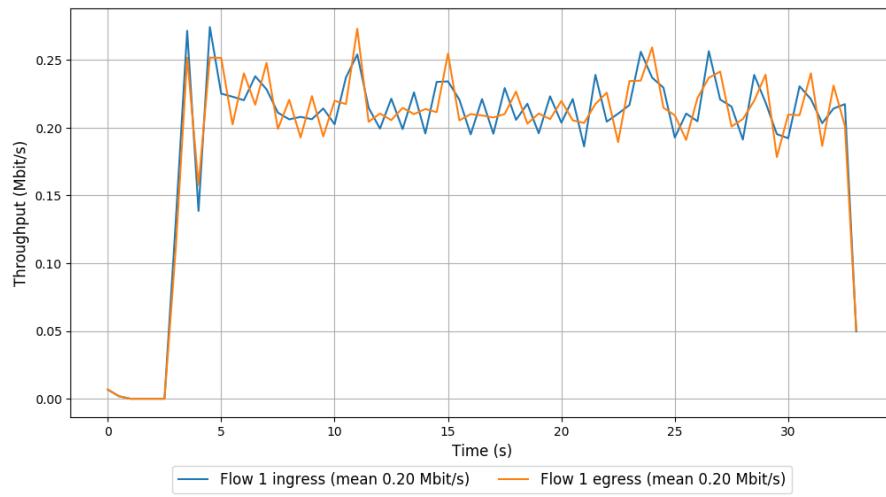


Run 2: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 01:12:37 +0000
End at: Tue, 27 Jun 2017 01:13:07 +0000
Local clock offset: -0.544 ms
Remote clock offset: -9.15 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.25%
```

Run 2: Report of SCReAM — Data Link

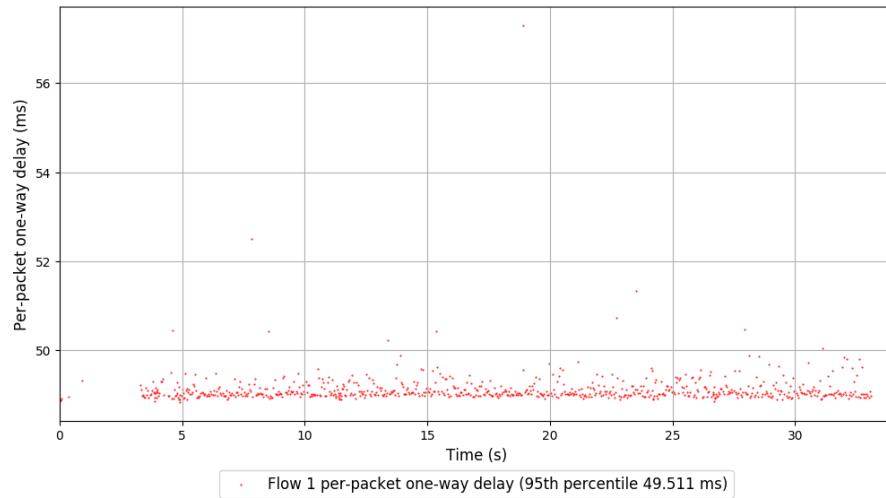
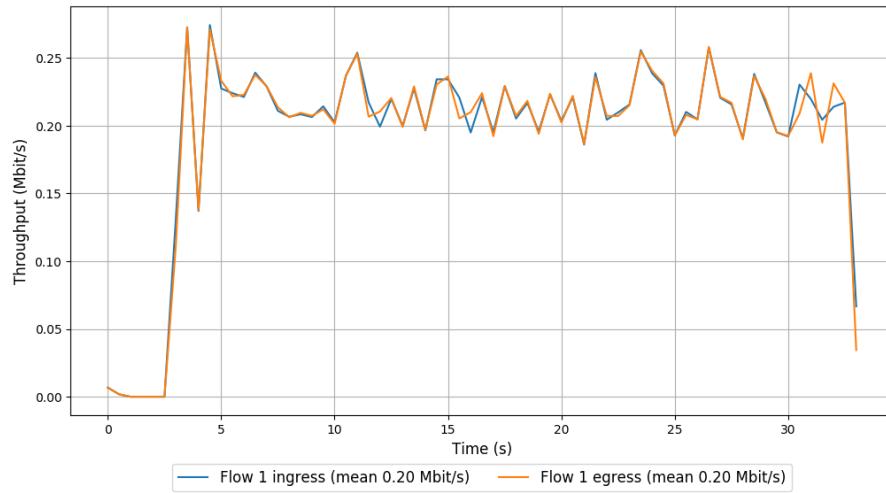


Run 3: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 01:29:55 +0000
End at: Tue, 27 Jun 2017 01:30:25 +0000
Local clock offset: 1.319 ms
Remote clock offset: -8.567 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.511 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.511 ms
Loss rate: 0.38%
```

Run 3: Report of SCReAM — Data Link

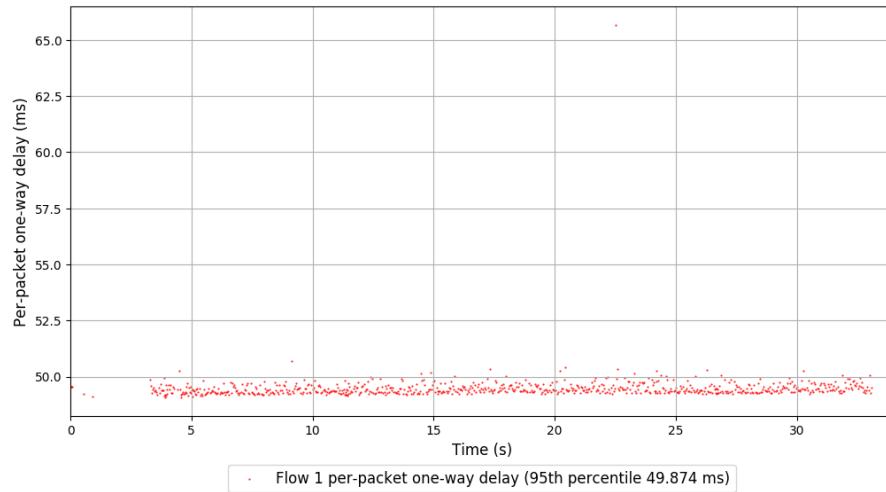
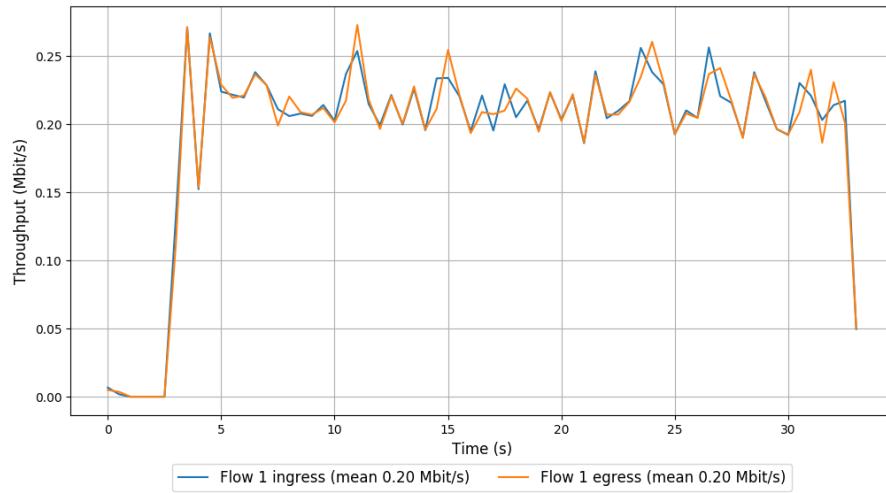


Run 4: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 01:47:21 +0000
End at: Tue, 27 Jun 2017 01:47:51 +0000
Local clock offset: 0.823 ms
Remote clock offset: -8.394 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.874 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.874 ms
Loss rate: 0.25%
```

Run 4: Report of SCReAM — Data Link

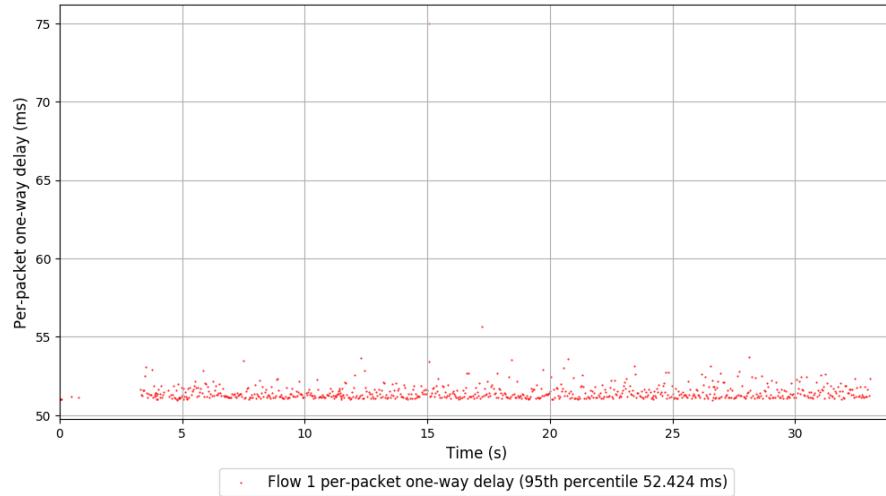
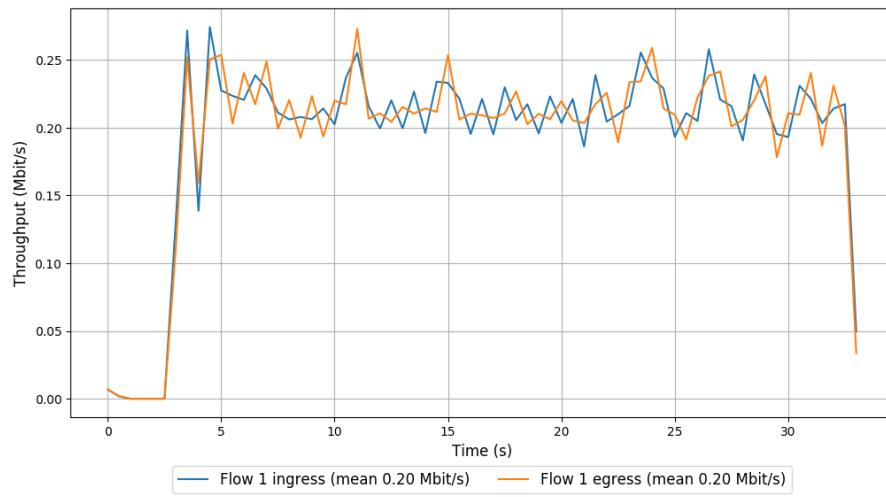


Run 5: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 02:04:59 +0000
End at: Tue, 27 Jun 2017 02:05:29 +0000
Local clock offset: -0.667 ms
Remote clock offset: -7.463 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.424 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.424 ms
Loss rate: 0.38%
```

Run 5: Report of SCReAM — Data Link

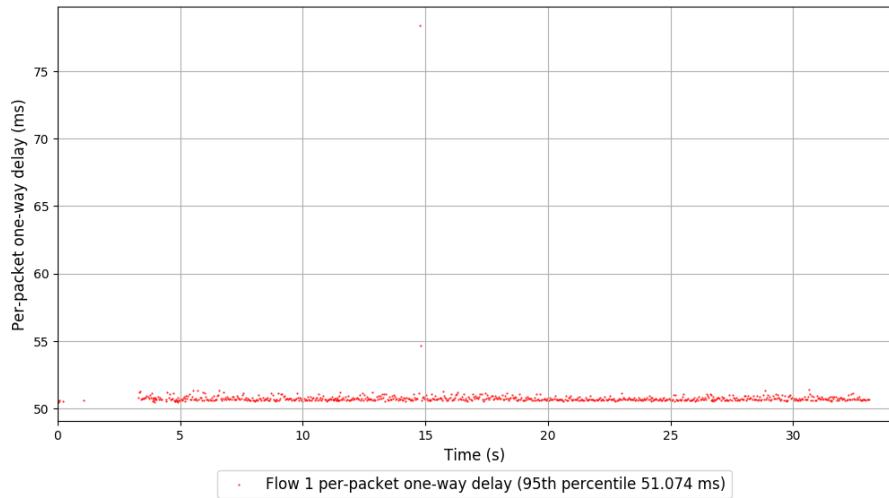
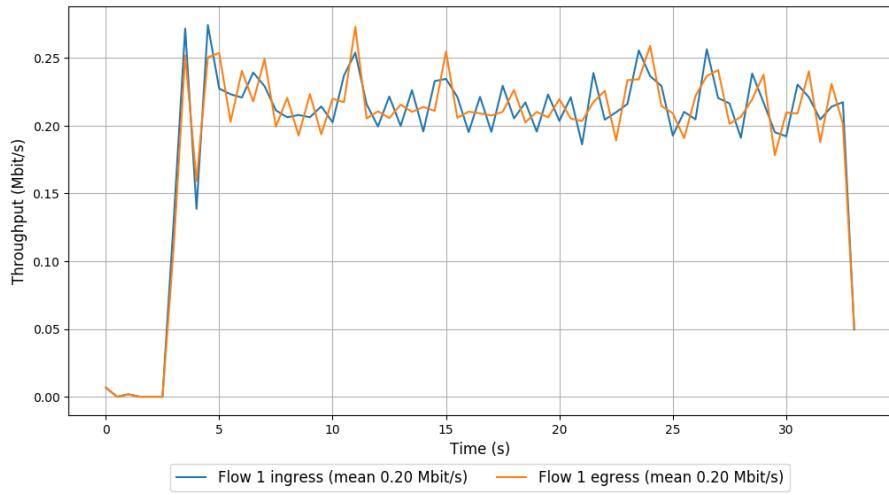


Run 6: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 02:22:29 +0000
End at: Tue, 27 Jun 2017 02:22:59 +0000
Local clock offset: -0.481 ms
Remote clock offset: -7.49 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.074 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.074 ms
Loss rate: 0.25%
```

Run 6: Report of SCReAM — Data Link

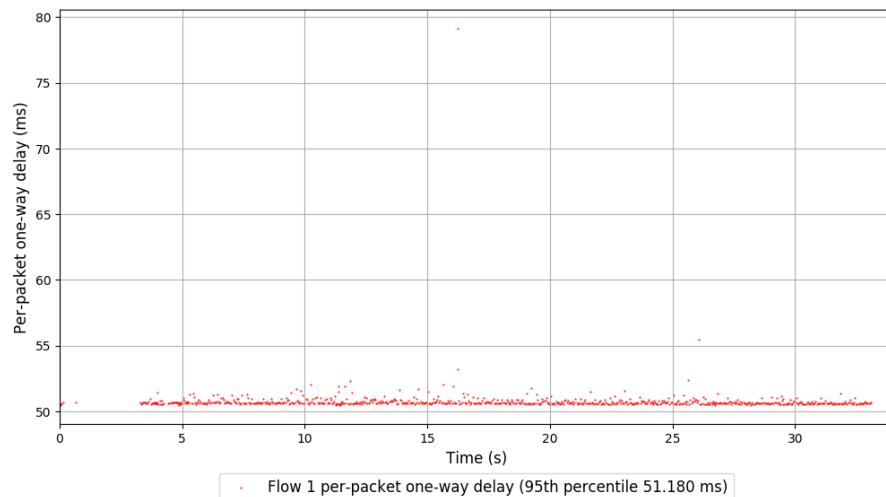
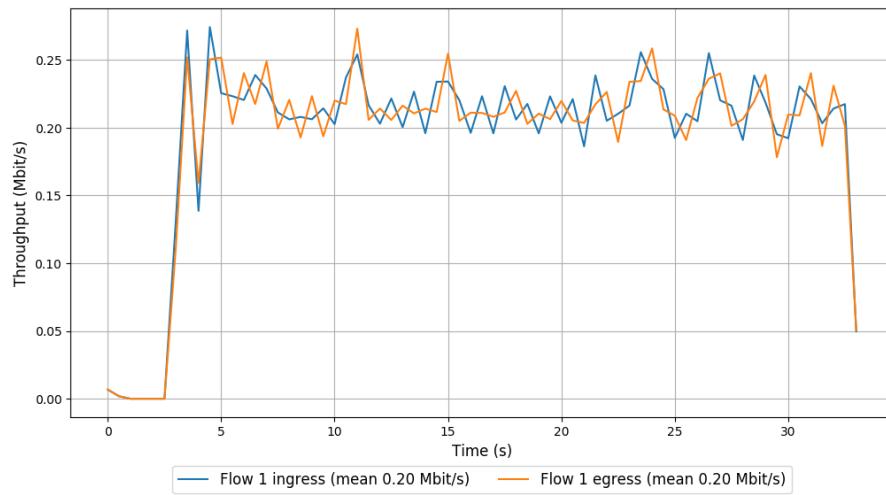


Run 7: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 02:39:58 +0000
End at: Tue, 27 Jun 2017 02:40:28 +0000
Local clock offset: -0.406 ms
Remote clock offset: -7.266 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.180 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.180 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

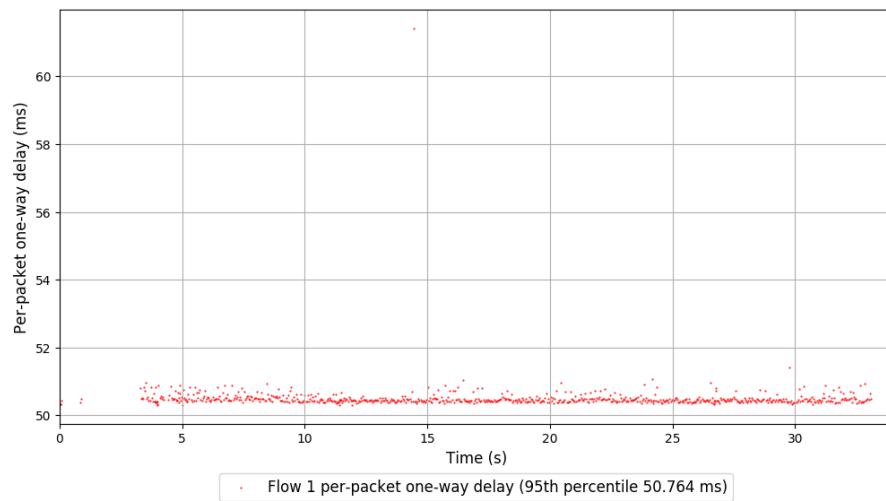
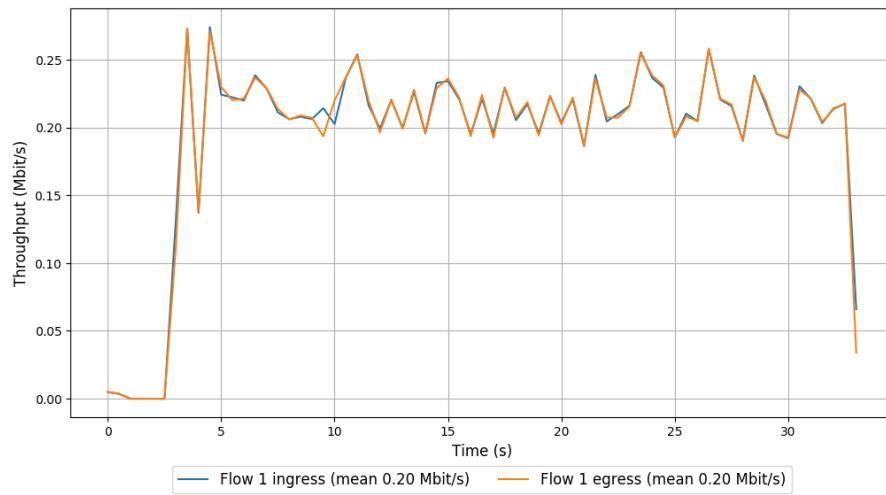


Run 8: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 02:57:29 +0000
End at: Tue, 27 Jun 2017 02:57:59 +0000
Local clock offset: 0.444 ms
Remote clock offset: -7.224 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.764 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.764 ms
Loss rate: 0.38%
```

Run 8: Report of SCReAM — Data Link

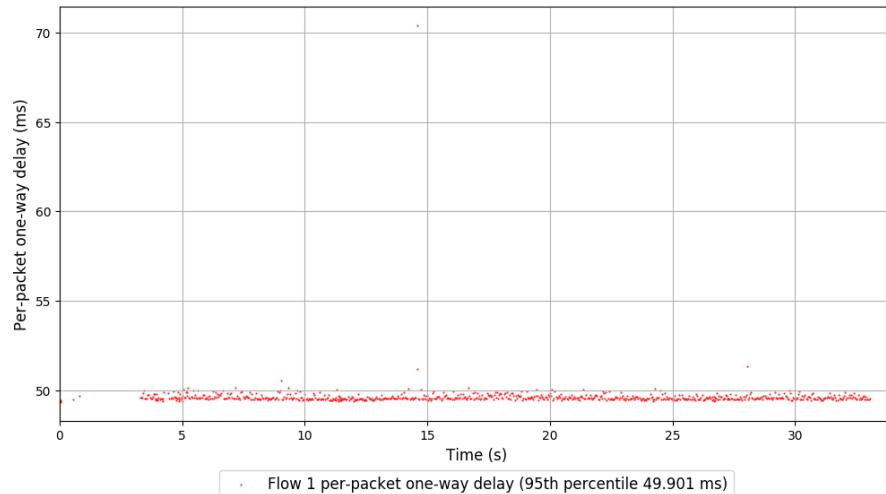
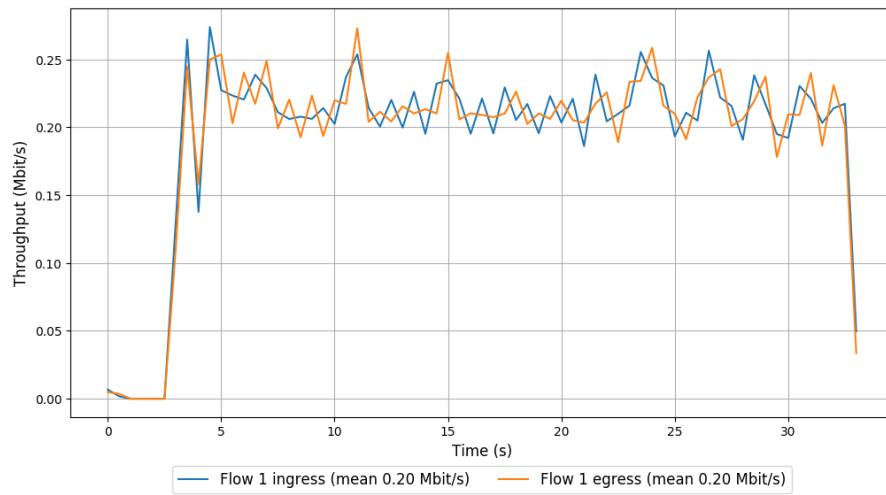


Run 9: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 03:14:59 +0000
End at: Tue, 27 Jun 2017 03:15:29 +0000
Local clock offset: 1.128 ms
Remote clock offset: -7.315 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.901 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 49.901 ms
Loss rate: 0.38%
```

Run 9: Report of SCReAM — Data Link

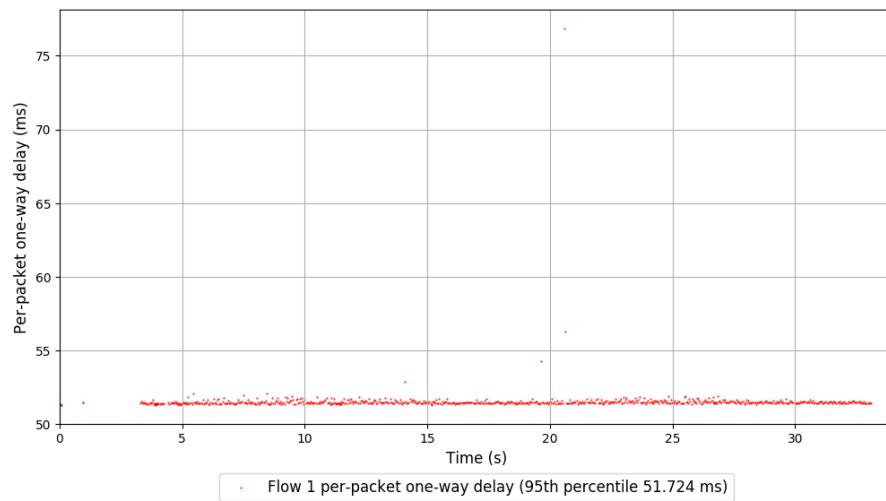
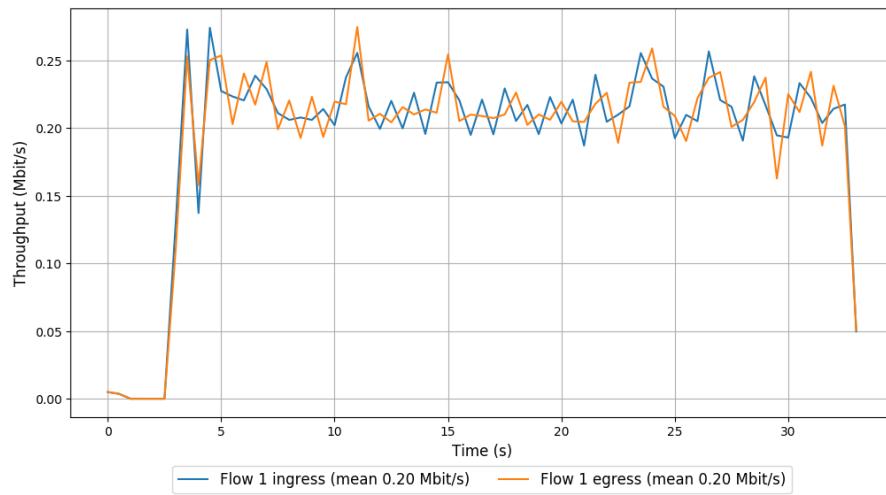


Run 10: Statistics of SCReAM

```
Start at: Tue, 27 Jun 2017 03:32:23 +0000
End at: Tue, 27 Jun 2017 03:32:53 +0000
Local clock offset: 1.173 ms
Remote clock offset: -5.546 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.724 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.724 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

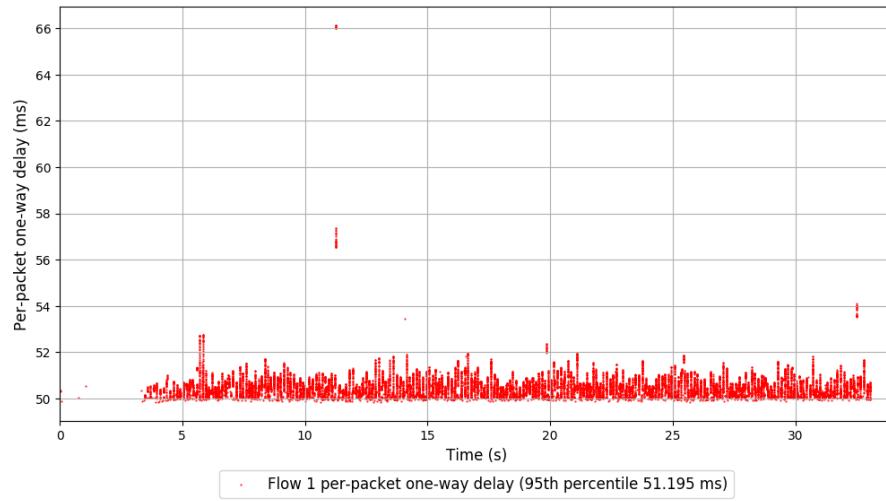
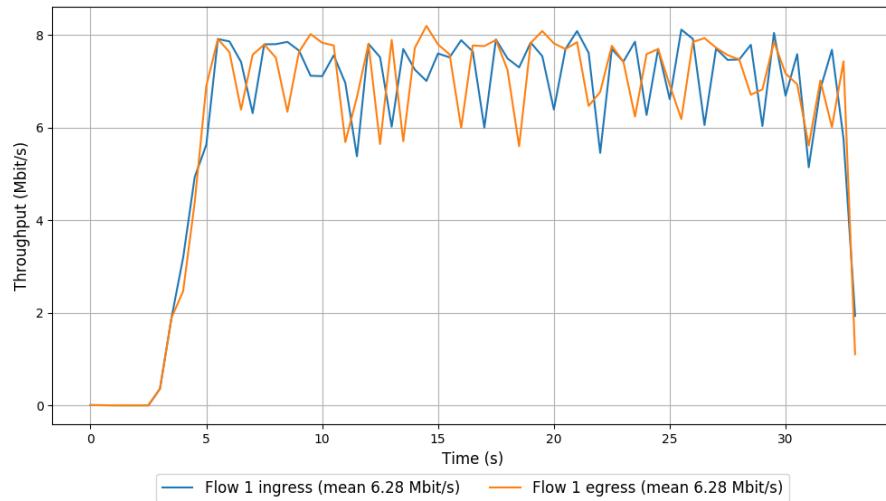


Run 1: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 01:02:02 +0000
End at: Tue, 27 Jun 2017 01:02:32 +0000
Local clock offset: -0.914 ms
Remote clock offset: -8.619 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 51.195 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 51.195 ms
Loss rate: 0.22%
```

Run 1: Report of Sprout — Data Link

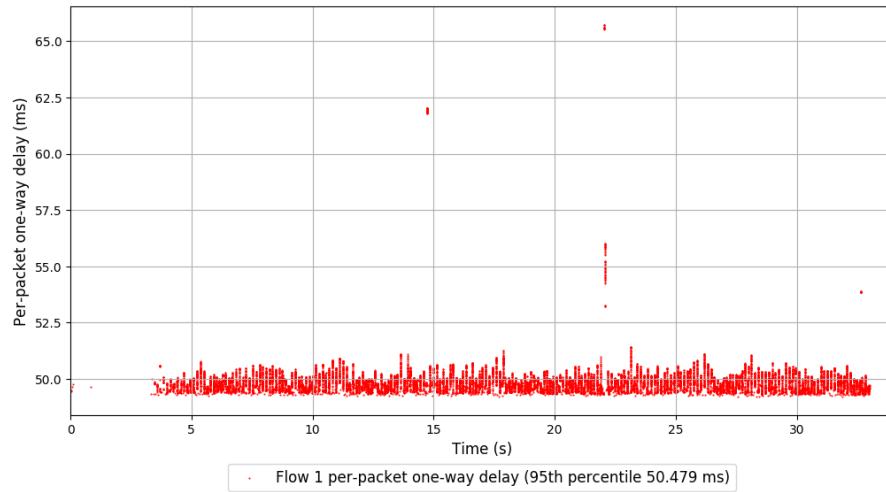
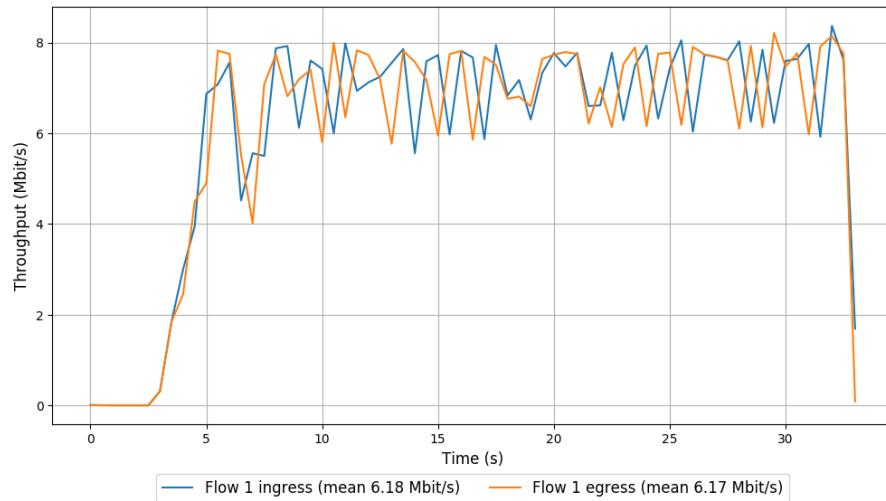


Run 2: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 01:19:22 +0000
End at: Tue, 27 Jun 2017 01:19:52 +0000
Local clock offset: 0.686 ms
Remote clock offset: -8.871 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 50.479 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 50.479 ms
Loss rate: 0.51%
```

Run 2: Report of Sprout — Data Link

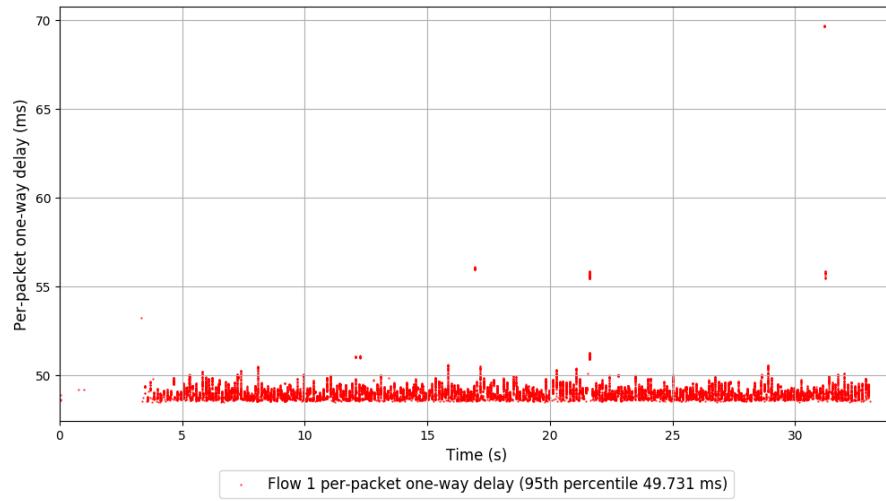
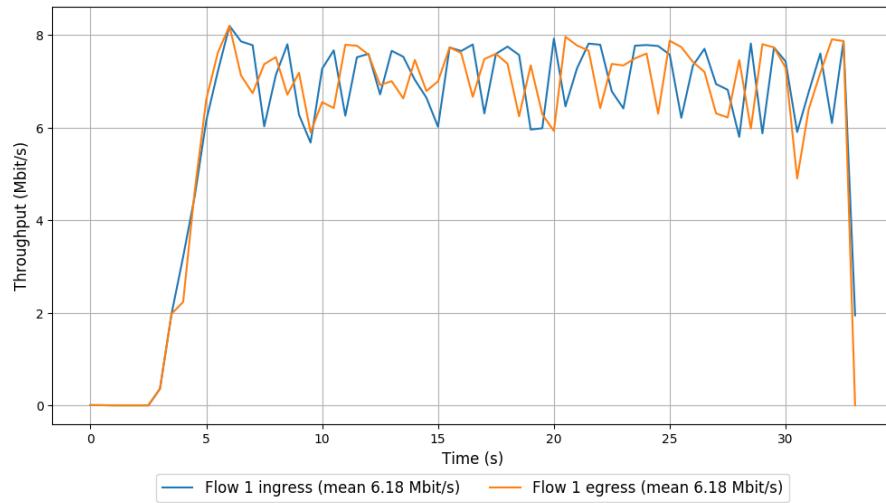


Run 3: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 01:36:43 +0000
End at: Tue, 27 Jun 2017 01:37:13 +0000
Local clock offset: 1.335 ms
Remote clock offset: -8.338 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 49.731 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 49.731 ms
Loss rate: 0.50%
```

Run 3: Report of Sprout — Data Link

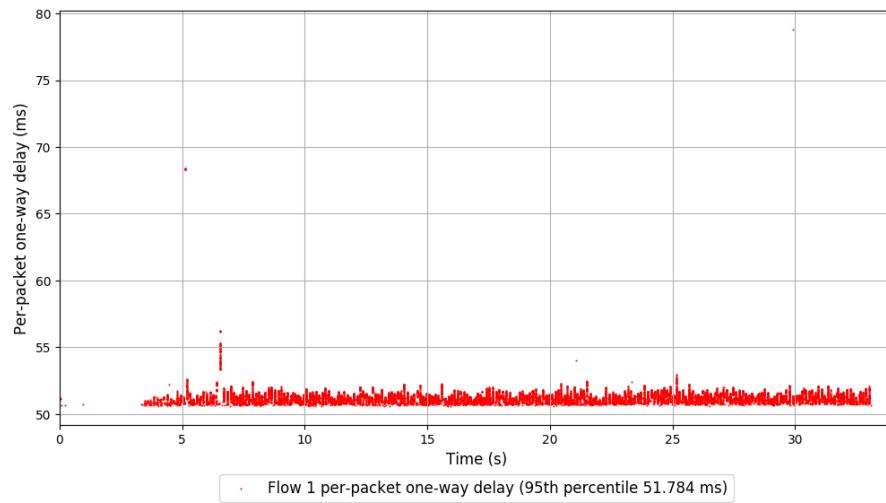
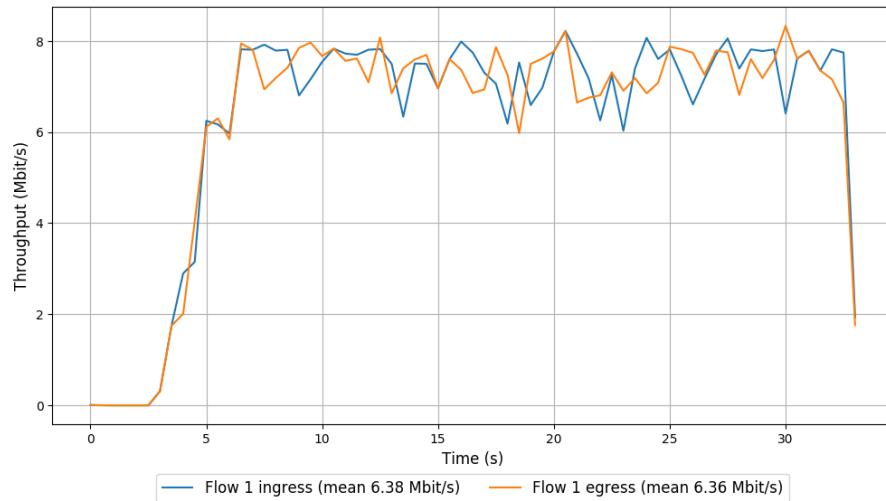


Run 4: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 01:54:09 +0000
End at: Tue, 27 Jun 2017 01:54:39 +0000
Local clock offset: -0.189 ms
Remote clock offset: -8.333 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 51.784 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 51.784 ms
Loss rate: 0.46%
```

Run 4: Report of Sprout — Data Link

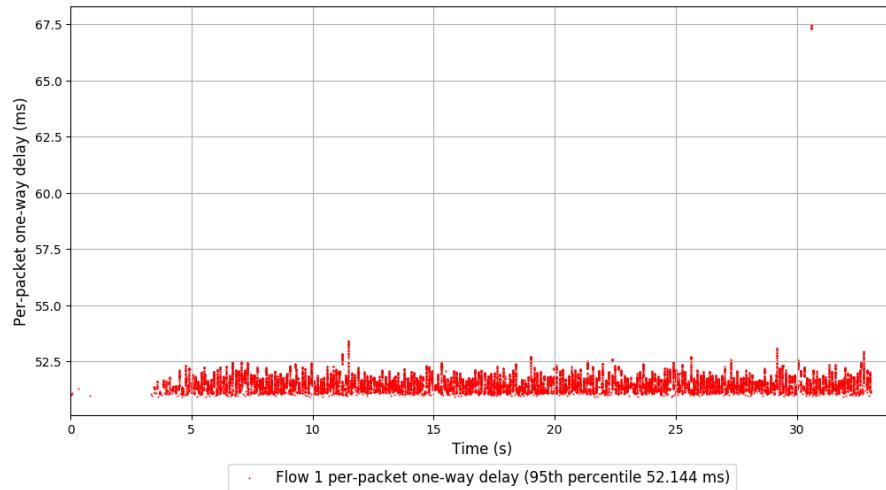
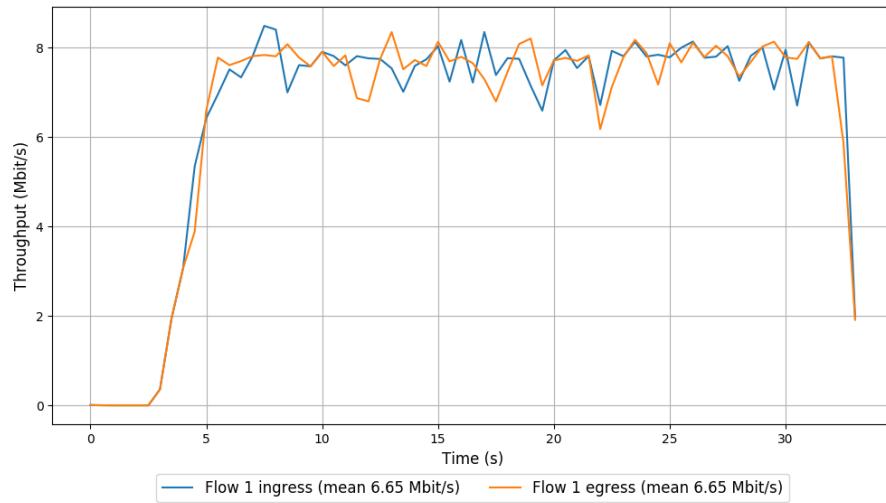


Run 5: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 02:11:43 +0000
End at: Tue, 27 Jun 2017 02:12:13 +0000
Local clock offset: -0.67 ms
Remote clock offset: -7.0 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.65 Mbit/s
95th percentile per-packet one-way delay: 52.144 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 6.65 Mbit/s
95th percentile per-packet one-way delay: 52.144 ms
Loss rate: 0.45%
```

Run 5: Report of Sprout — Data Link

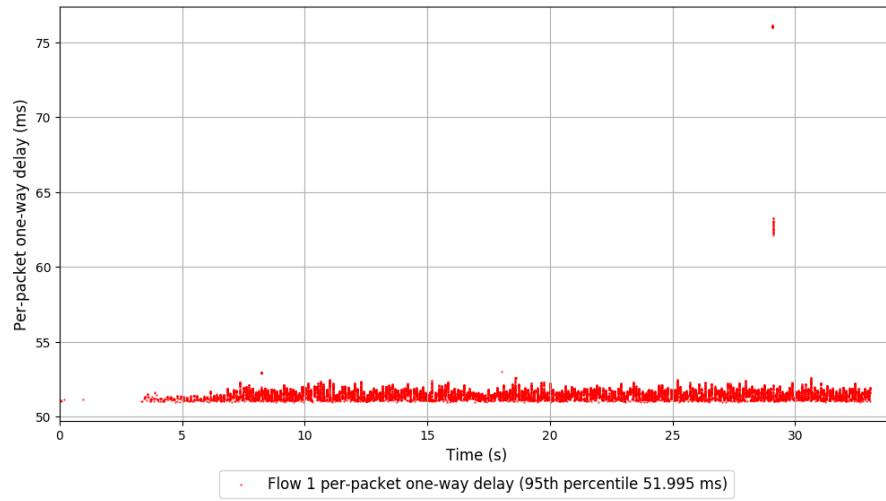
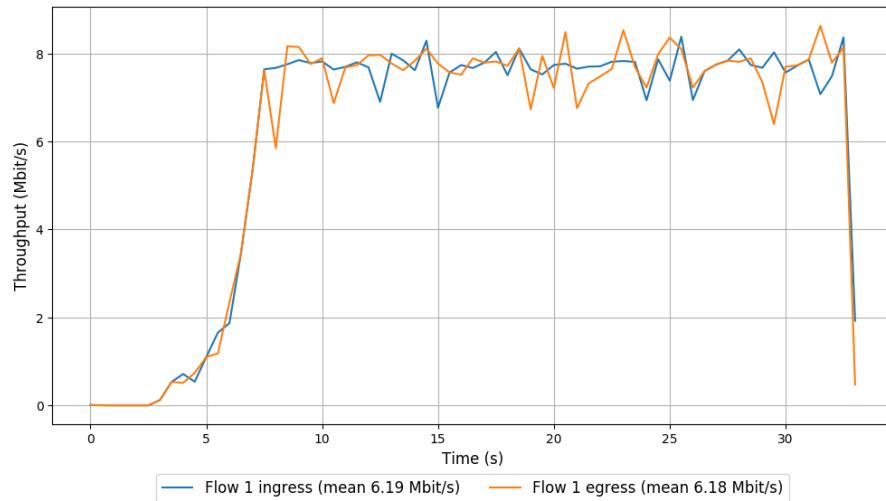


Run 6: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 02:29:15 +0000
End at: Tue, 27 Jun 2017 02:29:45 +0000
Local clock offset: -0.42 ms
Remote clock offset: -7.148 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 51.995 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 51.995 ms
Loss rate: 0.43%
```

Run 6: Report of Sprout — Data Link

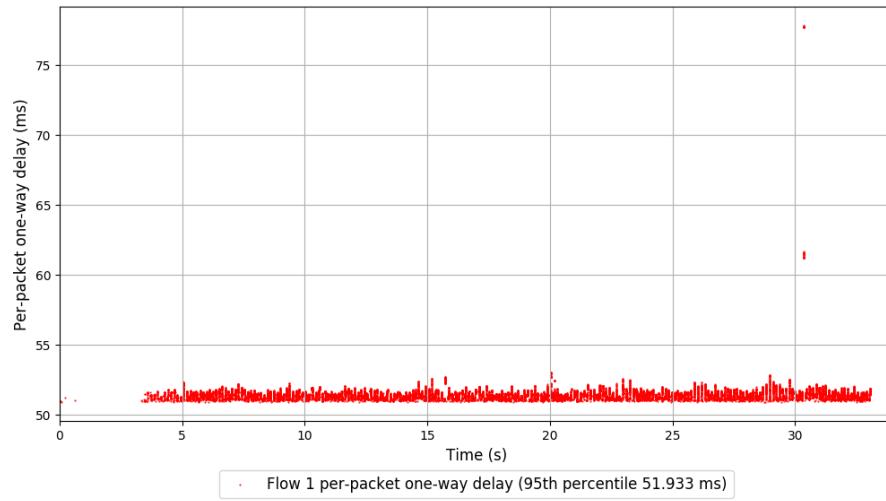
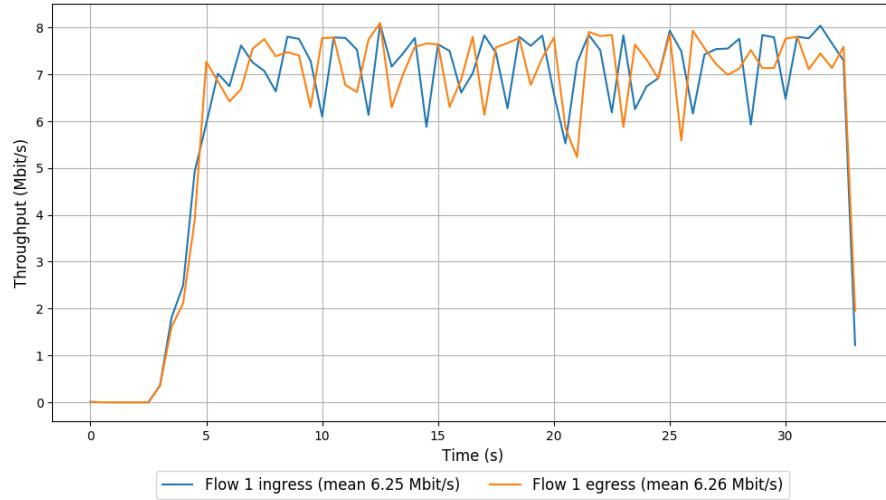


Run 7: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 02:46:44 +0000
End at: Tue, 27 Jun 2017 02:47:14 +0000
Local clock offset: -0.355 ms
Remote clock offset: -7.406 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 51.933 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 51.933 ms
Loss rate: 0.23%
```

Run 7: Report of Sprout — Data Link

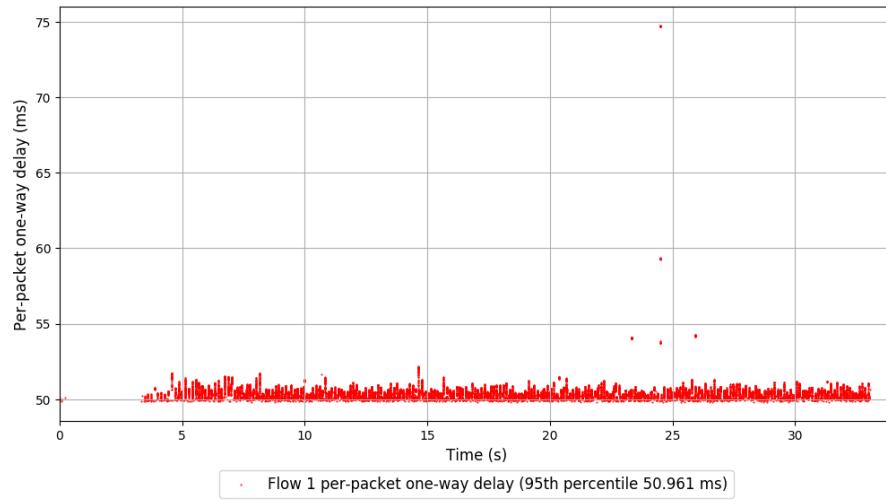
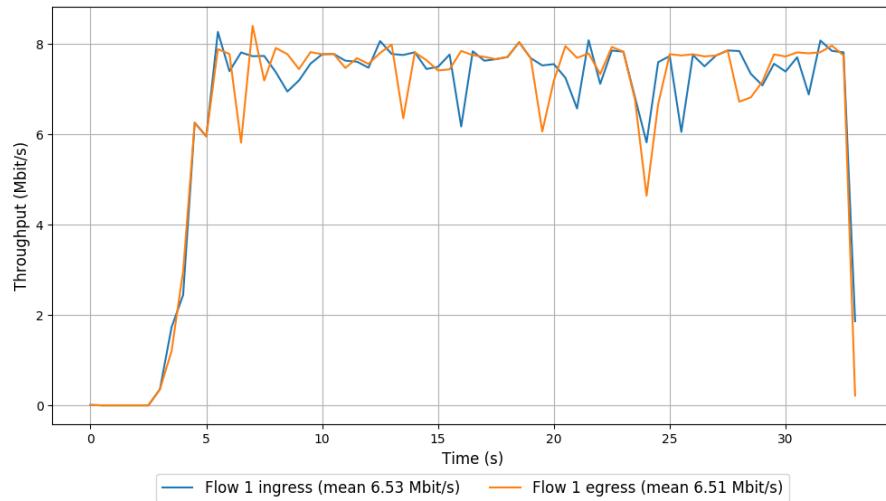


Run 8: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 03:04:19 +0000
End at: Tue, 27 Jun 2017 03:04:49 +0000
Local clock offset: 0.614 ms
Remote clock offset: -7.187 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 50.961 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 50.961 ms
Loss rate: 0.47%
```

Run 8: Report of Sprout — Data Link

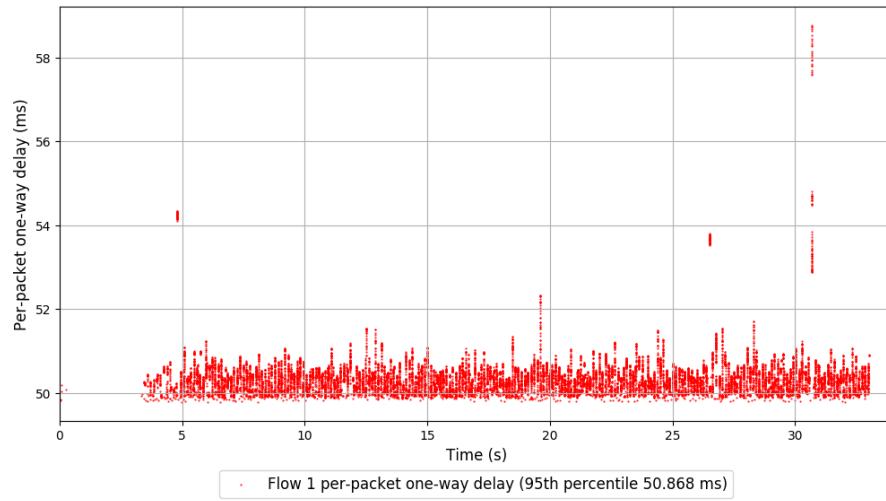
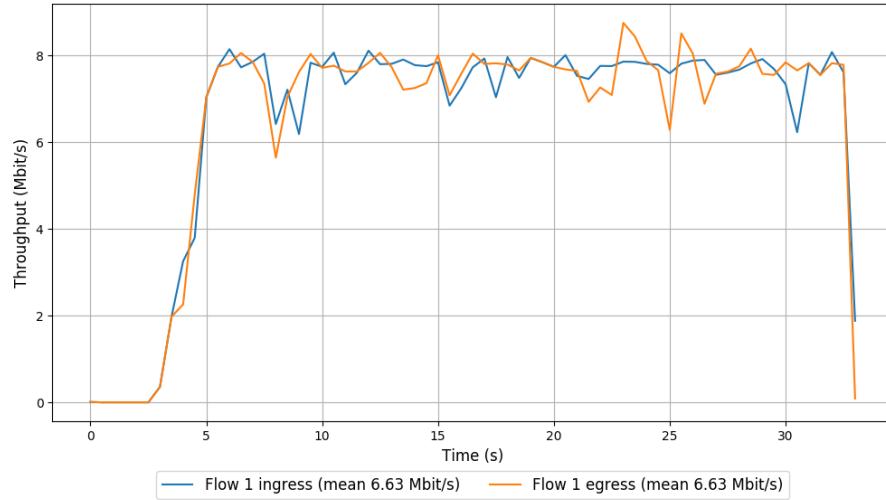


Run 9: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 03:21:43 +0000
End at: Tue, 27 Jun 2017 03:22:13 +0000
Local clock offset: 1.375 ms
Remote clock offset: -6.821 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.44%
```

Run 9: Report of Sprout — Data Link

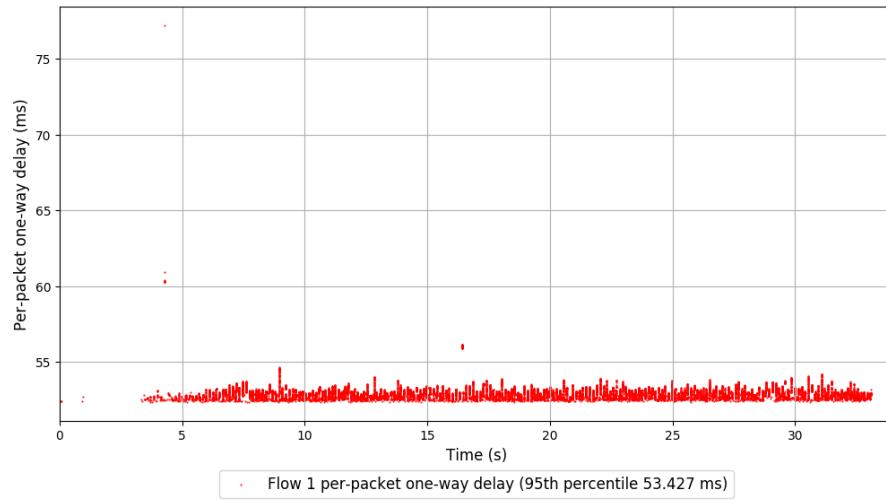
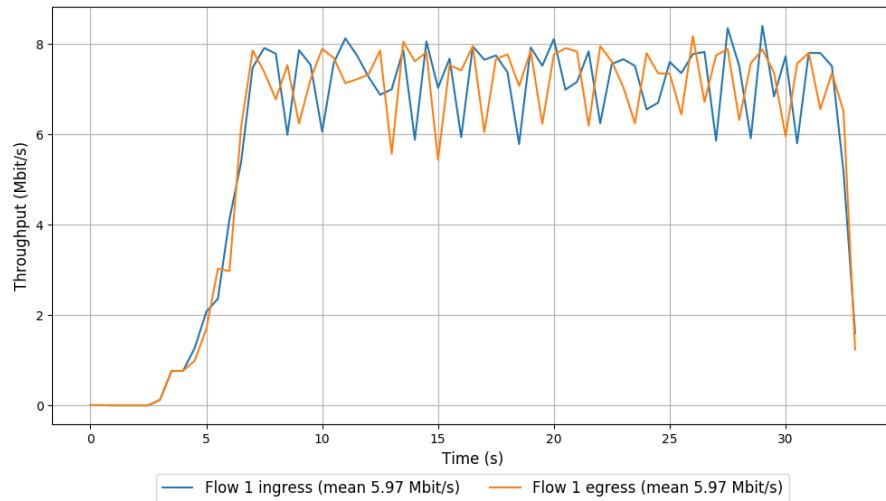


Run 10: Statistics of Sprout

```
Start at: Tue, 27 Jun 2017 03:39:10 +0000
End at: Tue, 27 Jun 2017 03:39:40 +0000
Local clock offset: 1.106 ms
Remote clock offset: -4.579 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.97 Mbit/s
95th percentile per-packet one-way delay: 53.427 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 5.97 Mbit/s
95th percentile per-packet one-way delay: 53.427 ms
Loss rate: 0.23%
```

Run 10: Report of Sprout — Data Link

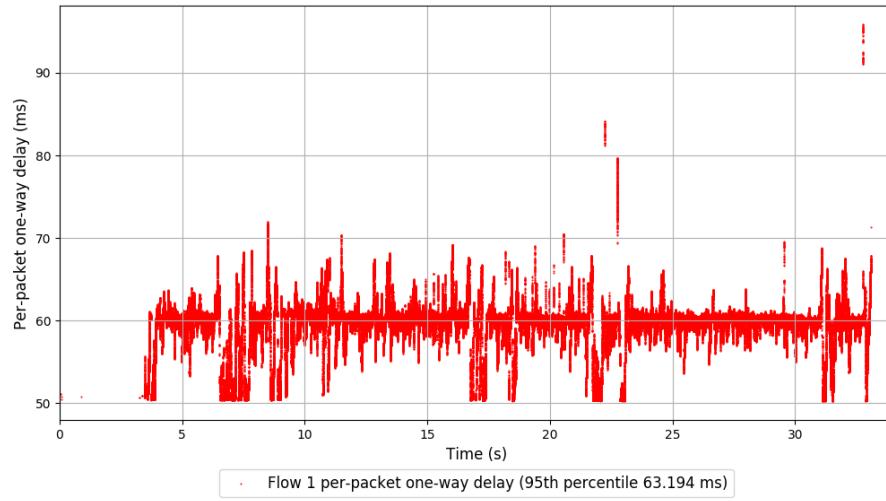
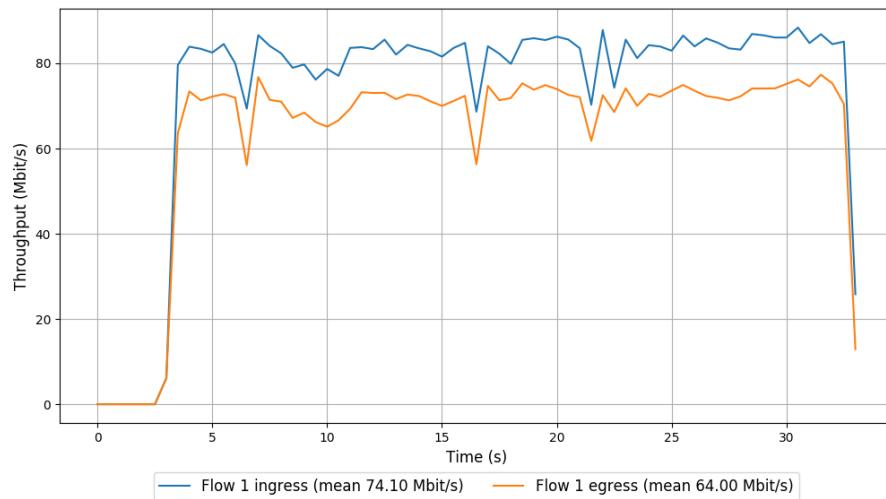


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 01:11:21 +0000
End at: Tue, 27 Jun 2017 01:11:51 +0000
Local clock offset: -0.91 ms
Remote clock offset: -8.581 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 63.194 ms
Loss rate: 13.93%
-- Flow 1:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 63.194 ms
Loss rate: 13.93%
```

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

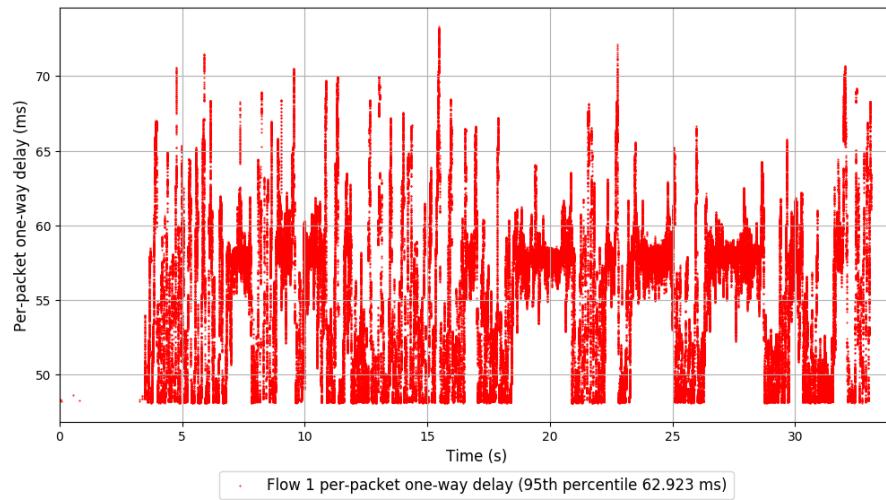
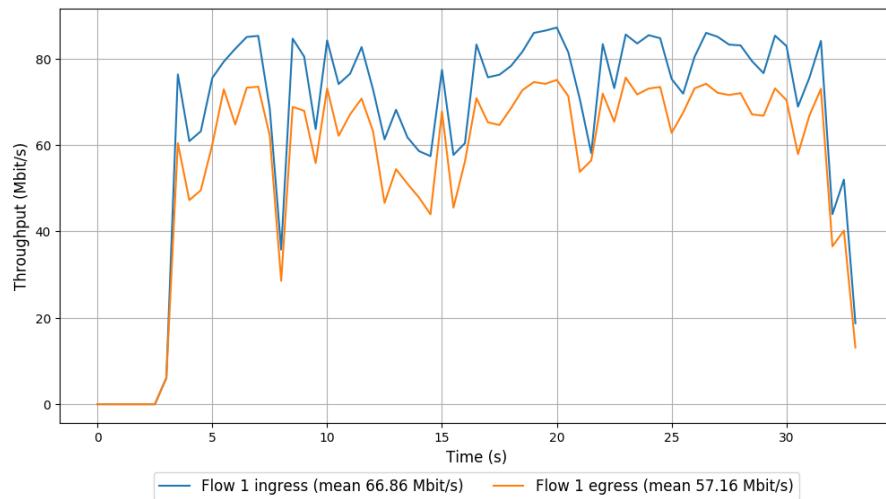


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 01:28:40 +0000
End at: Tue, 27 Jun 2017 01:29:10 +0000
Local clock offset: 1.252 ms
Remote clock offset: -8.567 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 62.923 ms
Loss rate: 14.80%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 62.923 ms
Loss rate: 14.80%
```

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

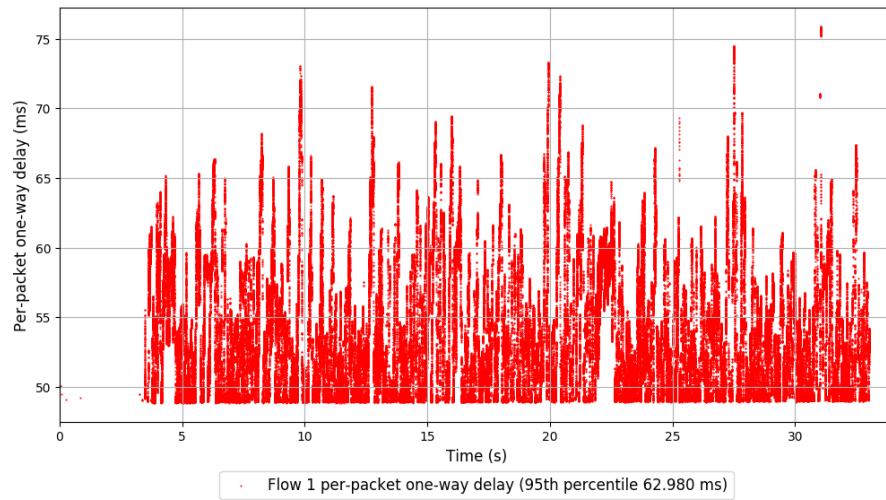
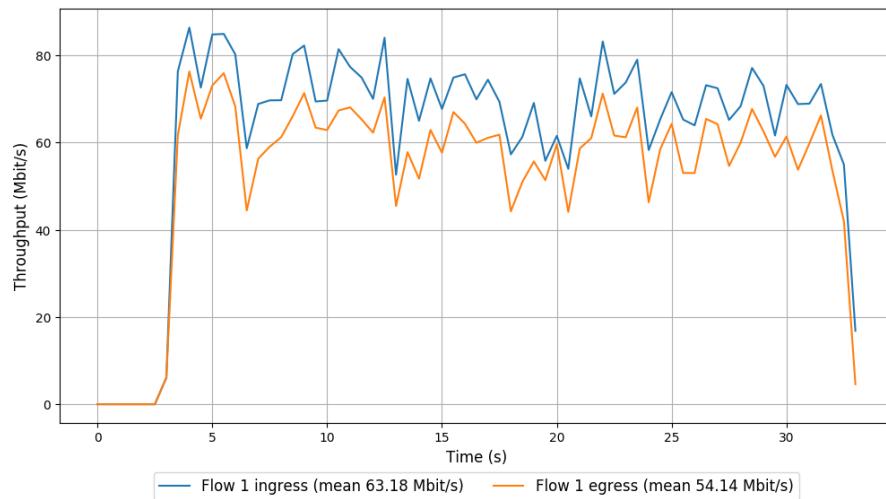


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 01:46:00 +0000
End at: Tue, 27 Jun 2017 01:46:30 +0000
Local clock offset: 1.156 ms
Remote clock offset: -8.456 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:28:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 62.980 ms
Loss rate: 14.73%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 62.980 ms
Loss rate: 14.73%
```

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

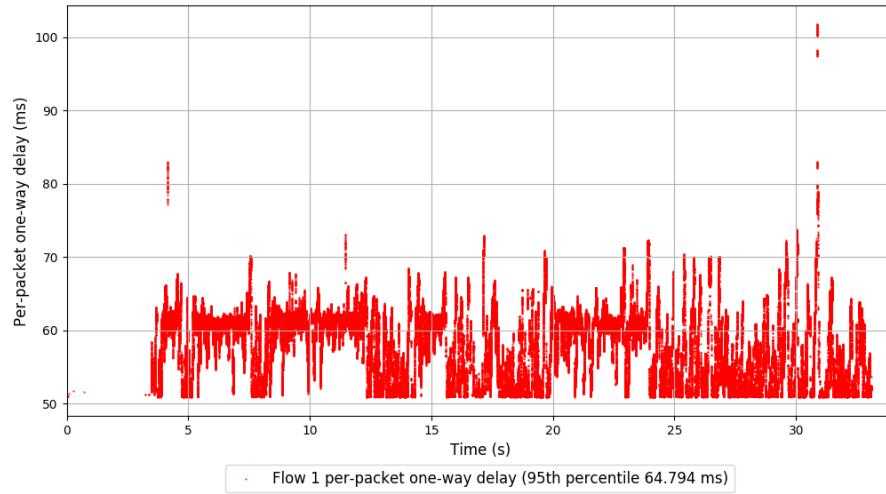
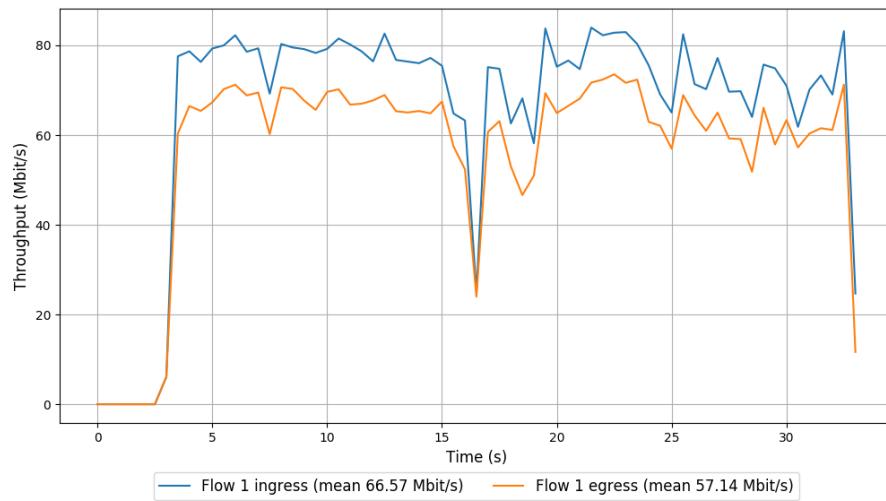


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 02:03:36 +0000
End at: Tue, 27 Jun 2017 02:04:06 +0000
Local clock offset: -0.647 ms
Remote clock offset: -7.468 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.14 Mbit/s
95th percentile per-packet one-way delay: 64.794 ms
Loss rate: 14.46%
-- Flow 1:
Average throughput: 57.14 Mbit/s
95th percentile per-packet one-way delay: 64.794 ms
Loss rate: 14.46%
```

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

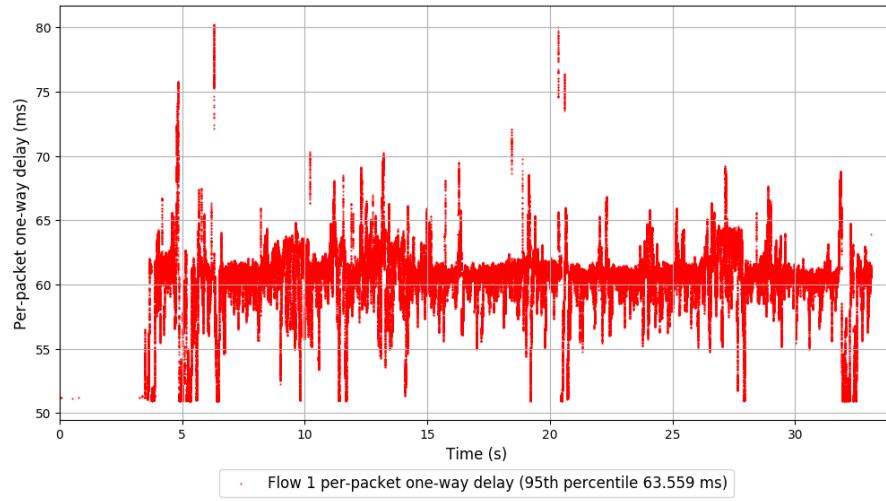
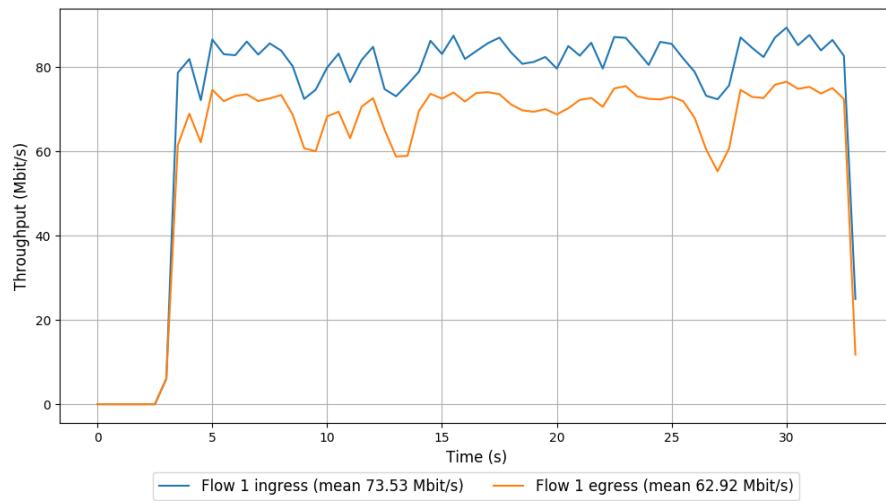


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 02:21:08 +0000
End at: Tue, 27 Jun 2017 02:21:38 +0000
Local clock offset: -0.561 ms
Remote clock offset: -7.551 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.92 Mbit/s
95th percentile per-packet one-way delay: 63.559 ms
Loss rate: 14.72%
-- Flow 1:
Average throughput: 62.92 Mbit/s
95th percentile per-packet one-way delay: 63.559 ms
Loss rate: 14.72%
```

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

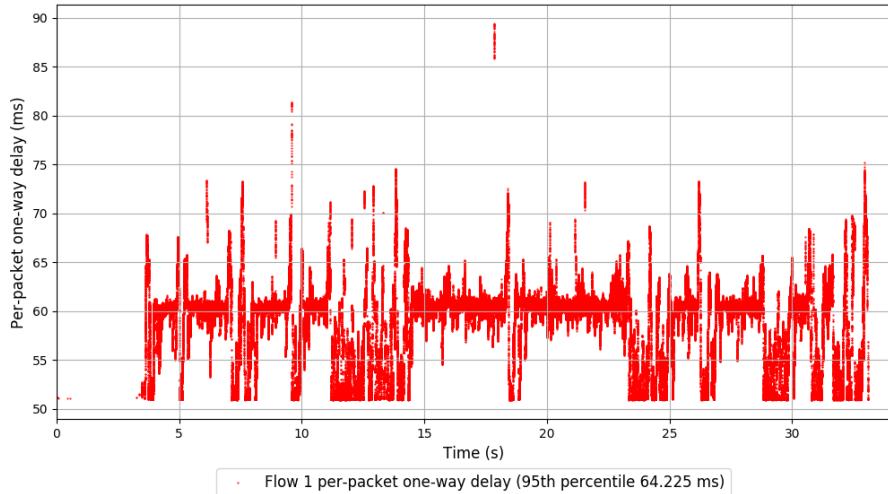
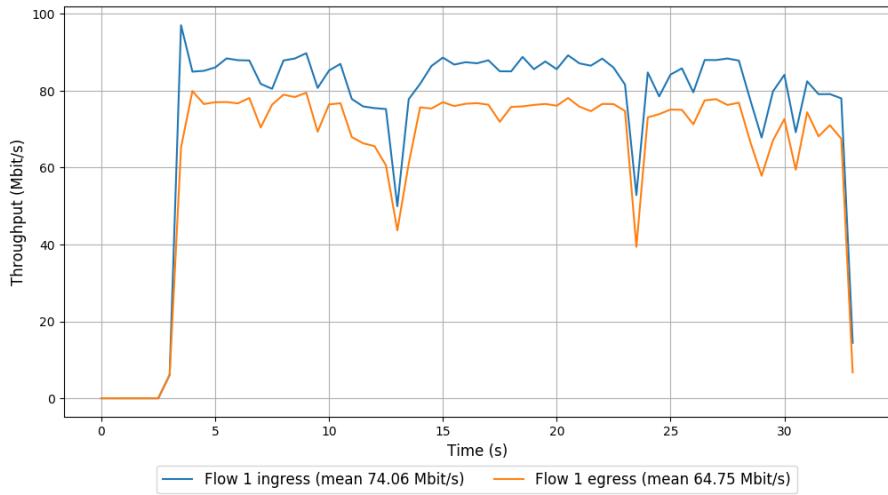


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 02:38:41 +0000
End at: Tue, 27 Jun 2017 02:39:11 +0000
Local clock offset: -0.421 ms
Remote clock offset: -7.29 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 64.225 ms
Loss rate: 12.84%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 64.225 ms
Loss rate: 12.84%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 02:56:08 +0000

End at: Tue, 27 Jun 2017 02:56:38 +0000

Local clock offset: 0.326 ms

Remote clock offset: -7.481 ms

Below is generated by plot.py at Tue, 27 Jun 2017 04:29:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.21 Mbit/s

95th percentile per-packet one-way delay: 60.492 ms

Loss rate: 13.93%

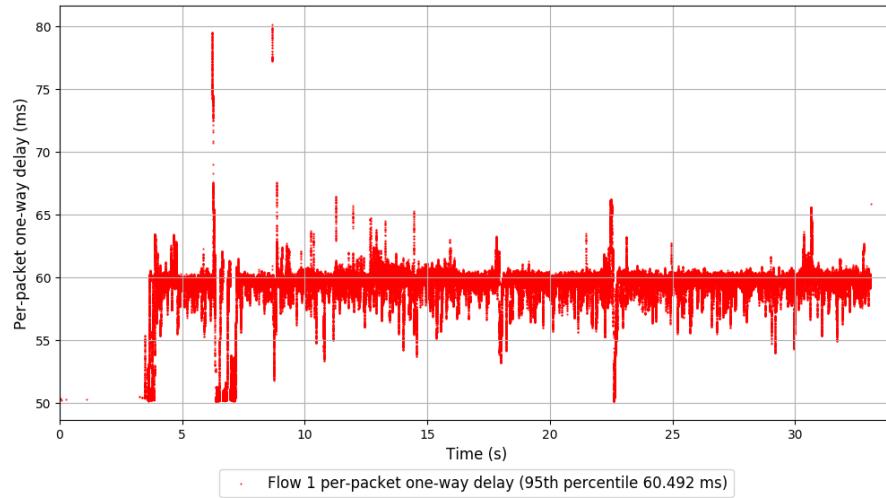
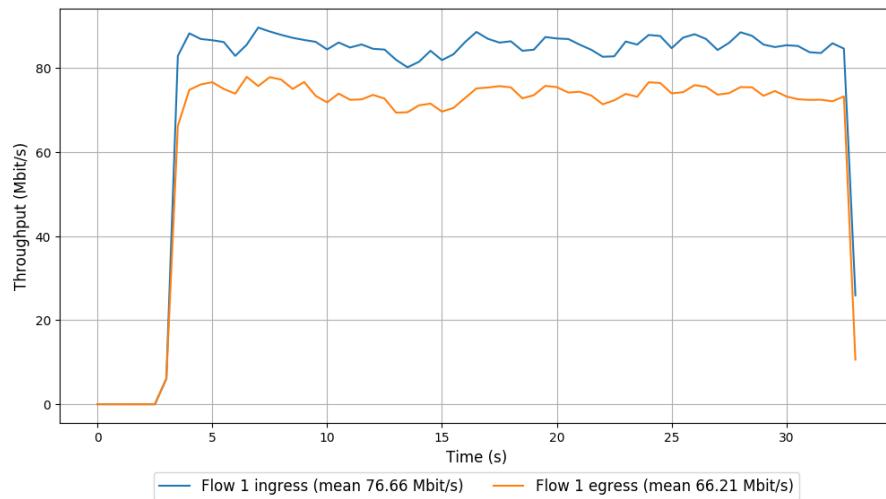
-- Flow 1:

Average throughput: 66.21 Mbit/s

95th percentile per-packet one-way delay: 60.492 ms

Loss rate: 13.93%

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

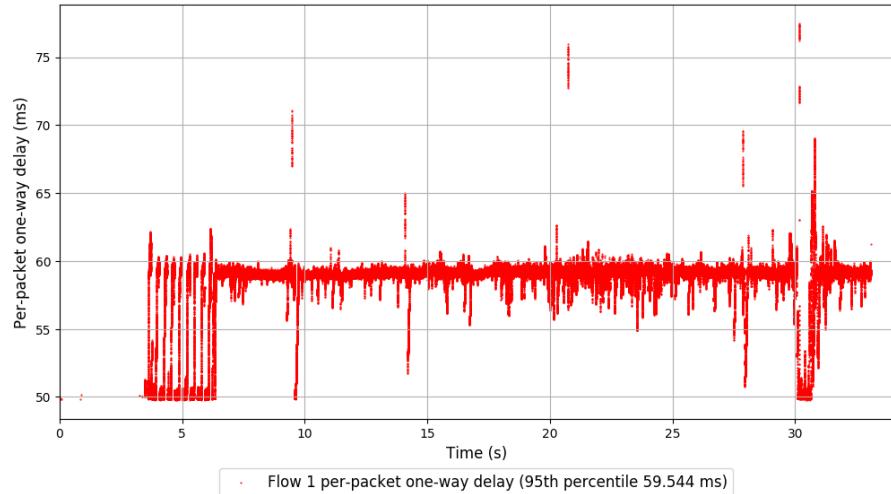
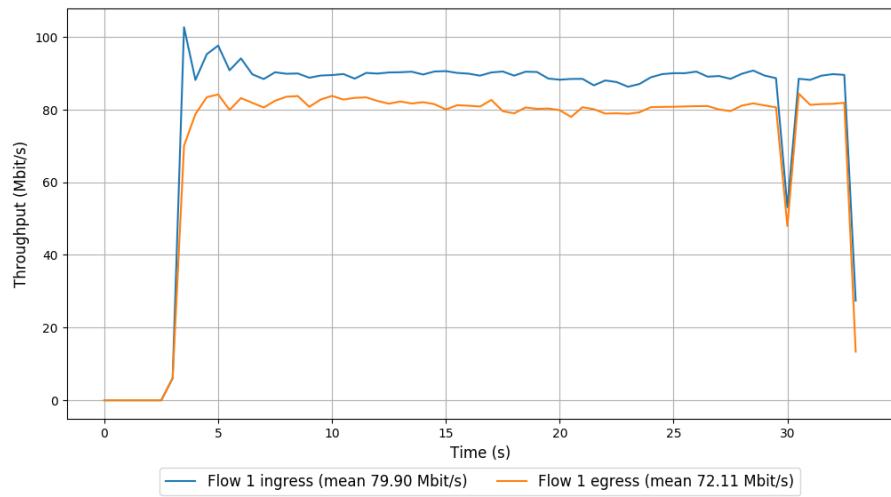


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 03:13:42 +0000
End at: Tue, 27 Jun 2017 03:14:12 +0000
Local clock offset: 1.087 ms
Remote clock offset: -7.08 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 59.544 ms
Loss rate: 10.06%
-- Flow 1:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 59.544 ms
Loss rate: 10.06%
```

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

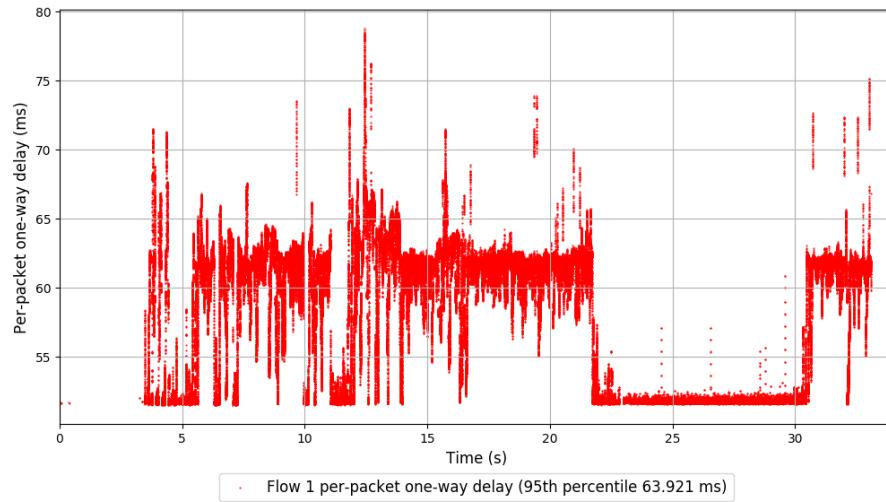
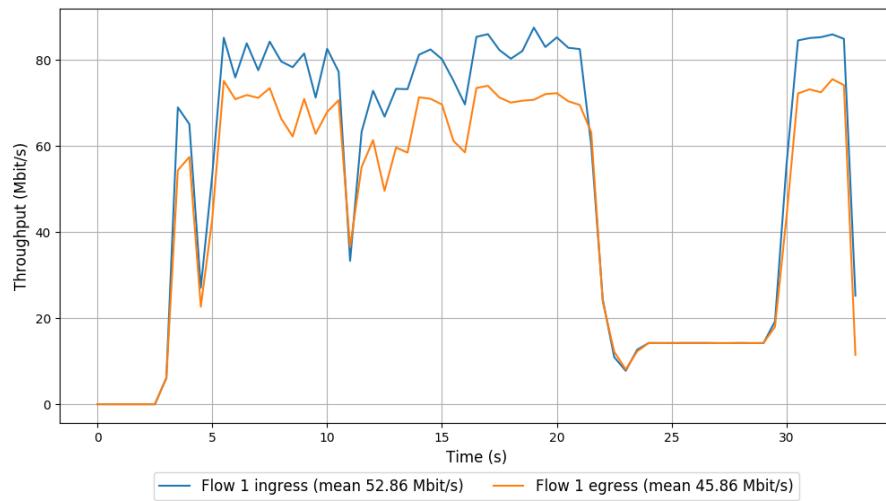


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 27 Jun 2017 03:31:10 +0000
End at: Tue, 27 Jun 2017 03:31:40 +0000
Local clock offset: 1.184 ms
Remote clock offset: -6.041 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 63.921 ms
Loss rate: 13.53%
-- Flow 1:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 63.921 ms
Loss rate: 13.53%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 27 Jun 2017 03:48:30 +0000

End at: Tue, 27 Jun 2017 03:49:00 +0000

Local clock offset: 1.172 ms

Remote clock offset: -3.943 ms

Below is generated by plot.py at Tue, 27 Jun 2017 04:29:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.09 Mbit/s

95th percentile per-packet one-way delay: 63.077 ms

Loss rate: 12.79%

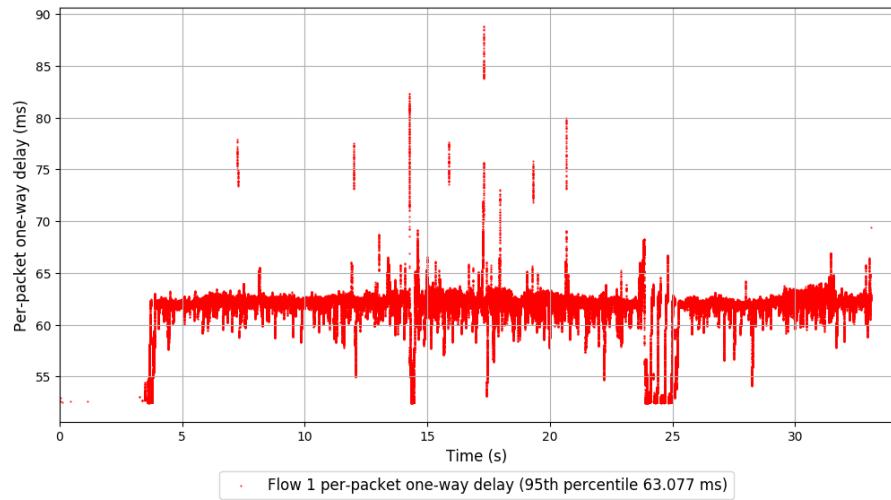
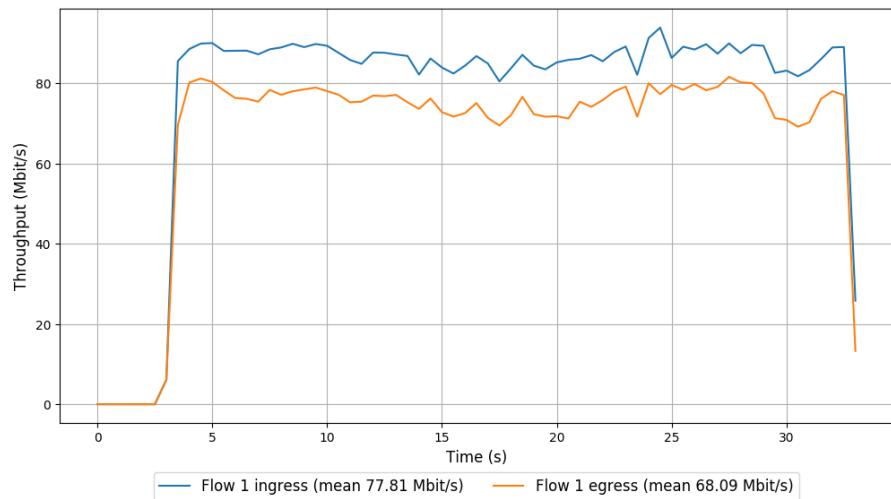
-- Flow 1:

Average throughput: 68.09 Mbit/s

95th percentile per-packet one-way delay: 63.077 ms

Loss rate: 12.79%

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

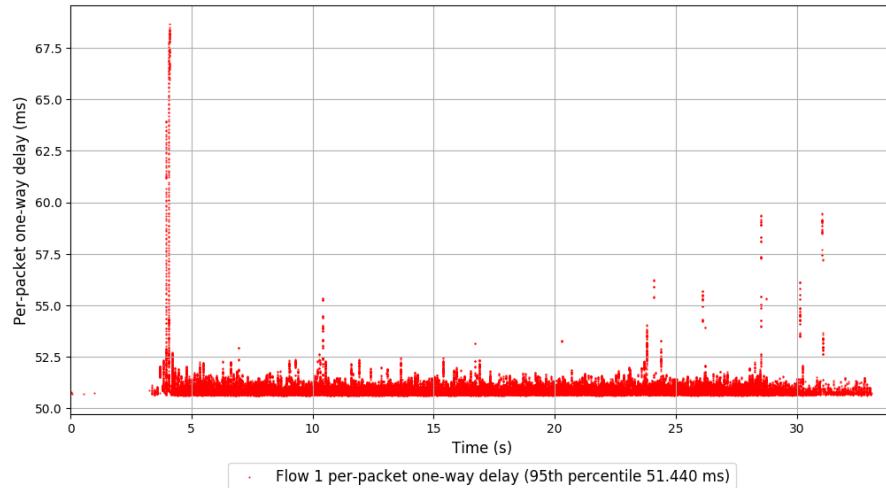
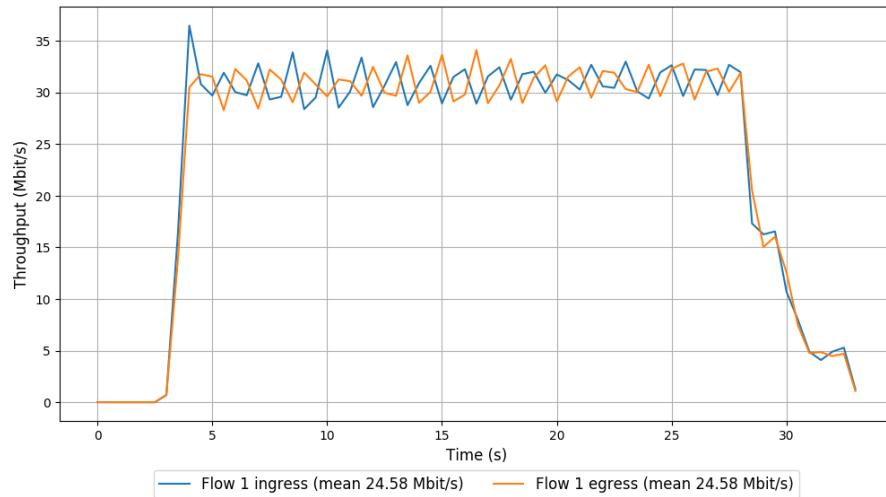


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 01:10:13 +0000
End at: Tue, 27 Jun 2017 01:10:43 +0000
Local clock offset: -1.006 ms
Remote clock offset: -8.553 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 51.440 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 51.440 ms
Loss rate: 0.35%
```

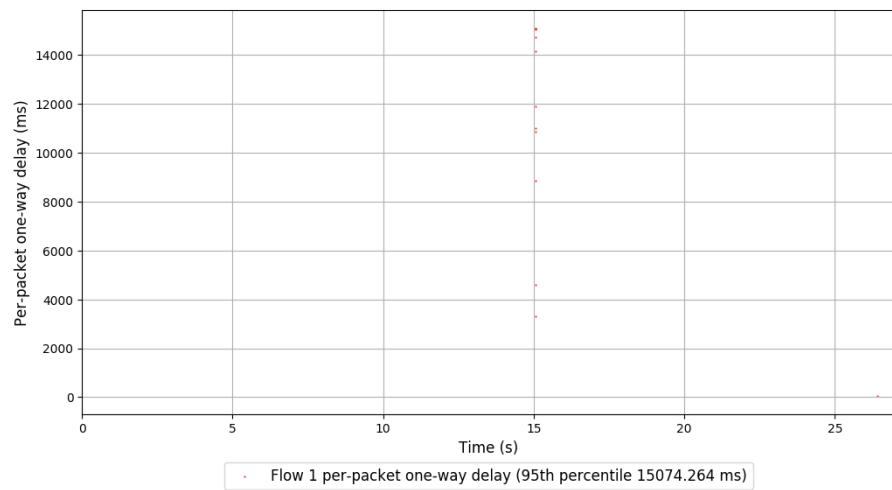
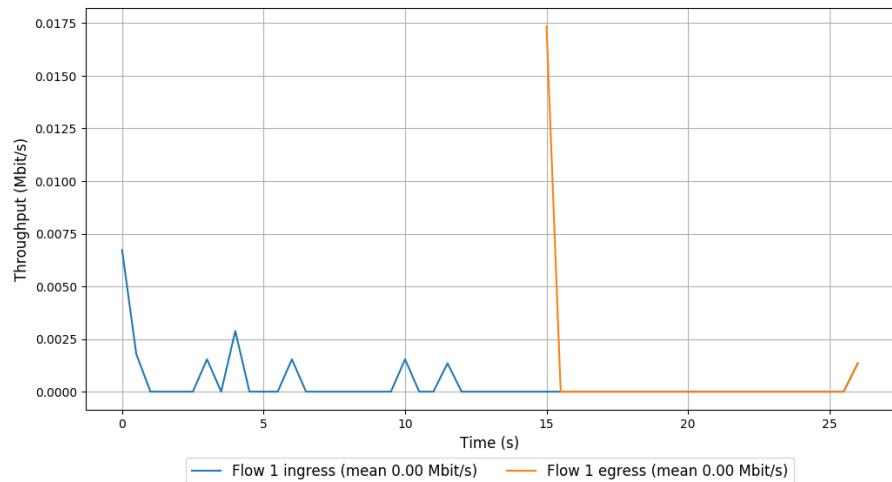
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 01:27:34 +0000
End at: Tue, 27 Jun 2017 01:28:04 +0000
Local clock offset: 1.335 ms
Remote clock offset: -8.816 ms

Run 2: Report of TCP Vegas — Data Link

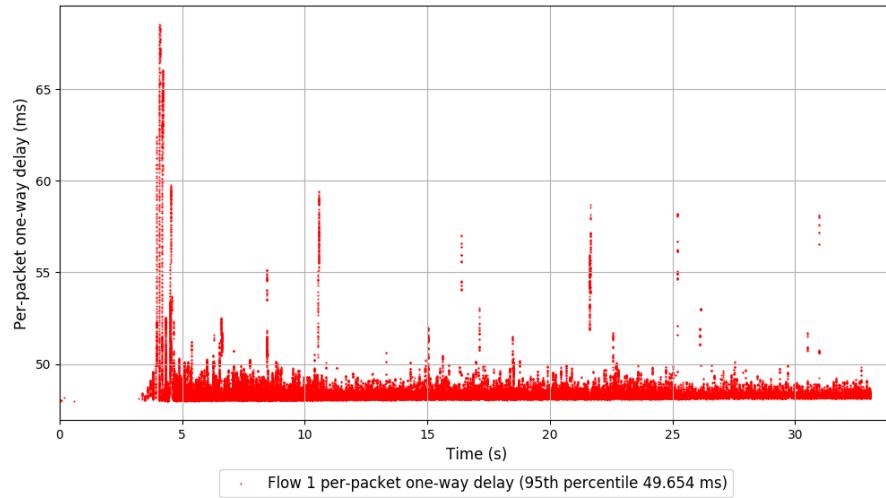
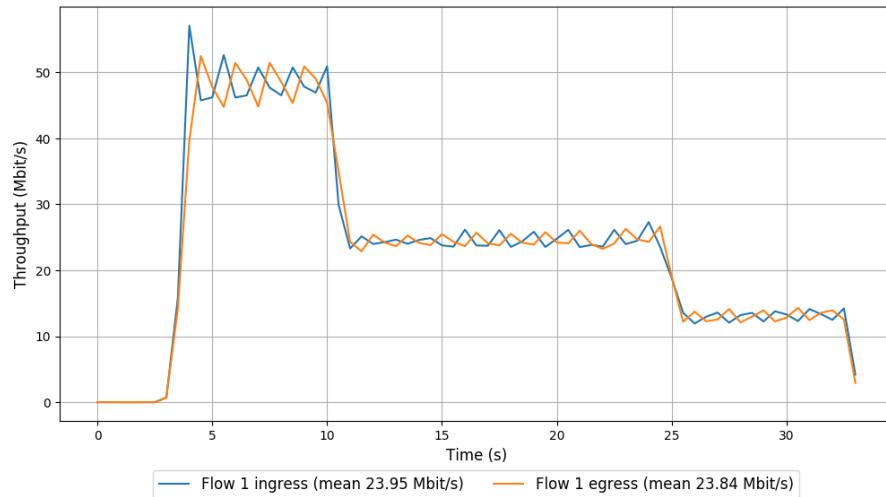


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 01:44:52 +0000
End at: Tue, 27 Jun 2017 01:45:22 +0000
Local clock offset: 1.281 ms
Remote clock offset: -8.627 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 49.654 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 49.654 ms
Loss rate: 0.80%
```

Run 3: Report of TCP Vegas — Data Link

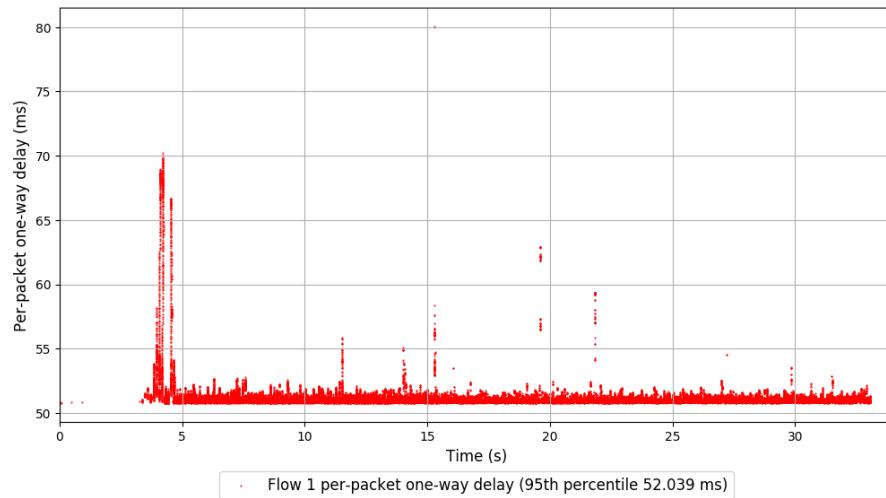
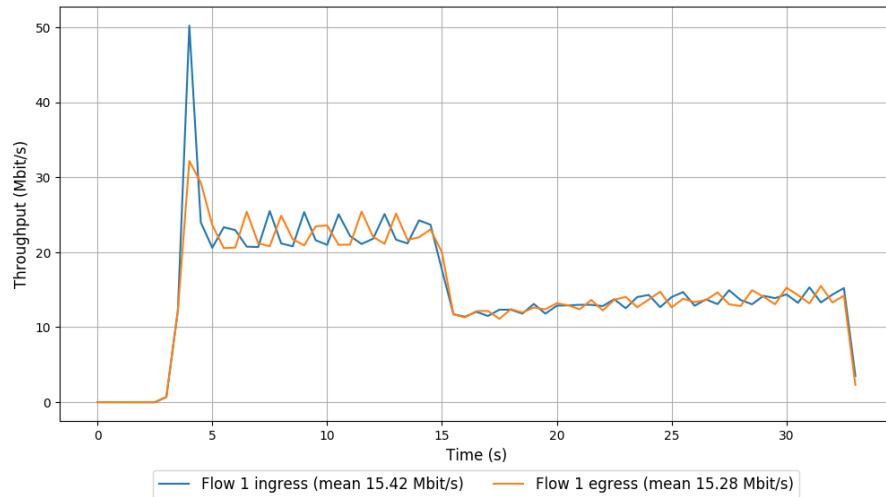


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 02:02:29 +0000
End at: Tue, 27 Jun 2017 02:02:59 +0000
Local clock offset: -0.695 ms
Remote clock offset: -8.253 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 52.039 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 52.039 ms
Loss rate: 1.29%
```

Run 4: Report of TCP Vegas — Data Link

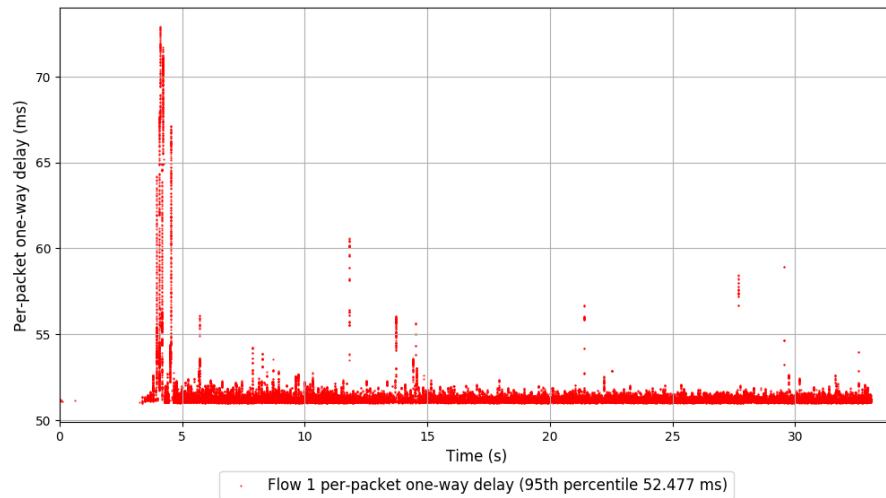
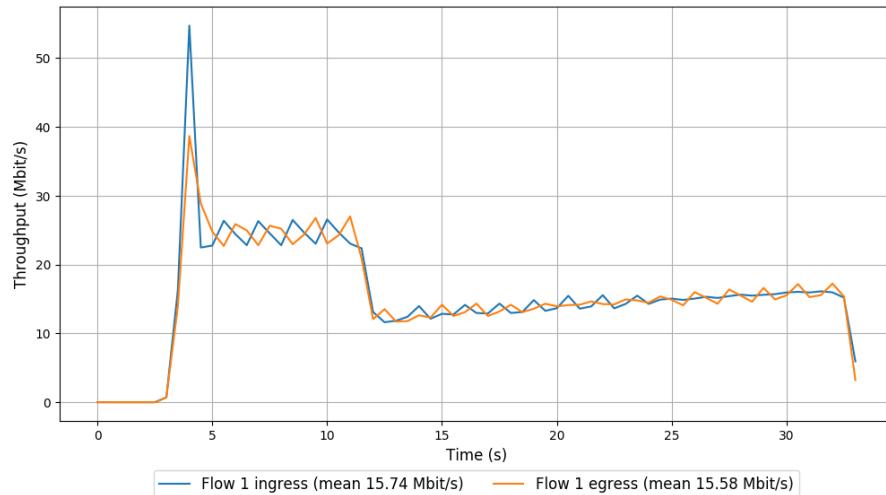


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 02:20:00 +0000
End at: Tue, 27 Jun 2017 02:20:30 +0000
Local clock offset: -0.636 ms
Remote clock offset: -7.624 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:29:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 52.477 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 52.477 ms
Loss rate: 1.36%
```

Run 5: Report of TCP Vegas — Data Link

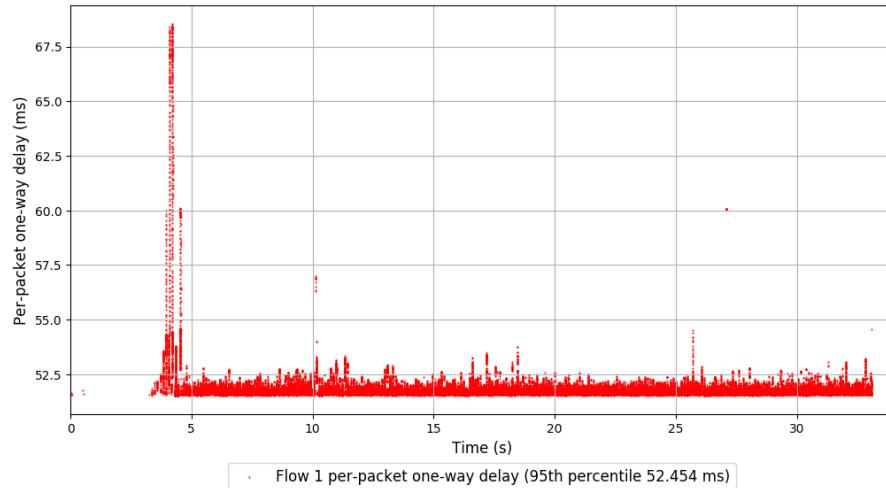
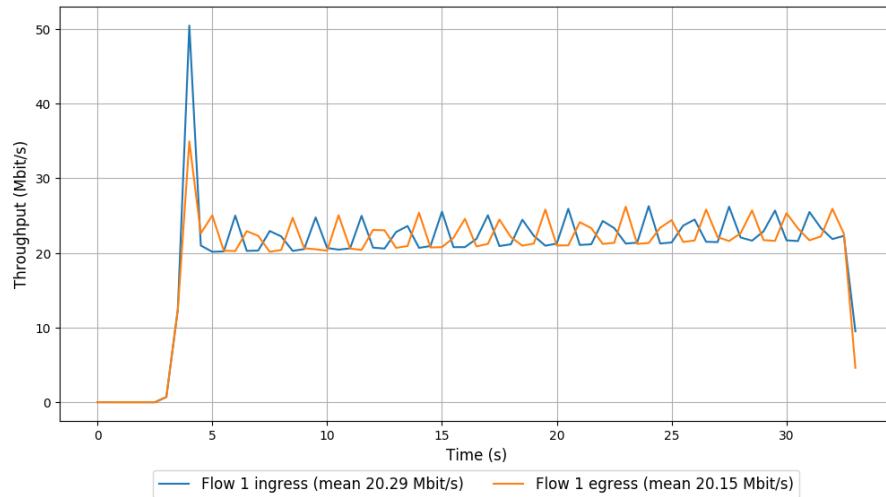


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 02:37:34 +0000
End at: Tue, 27 Jun 2017 02:38:04 +0000
Local clock offset: -0.451 ms
Remote clock offset: -7.447 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 52.454 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 52.454 ms
Loss rate: 1.07%
```

Run 6: Report of TCP Vegas — Data Link



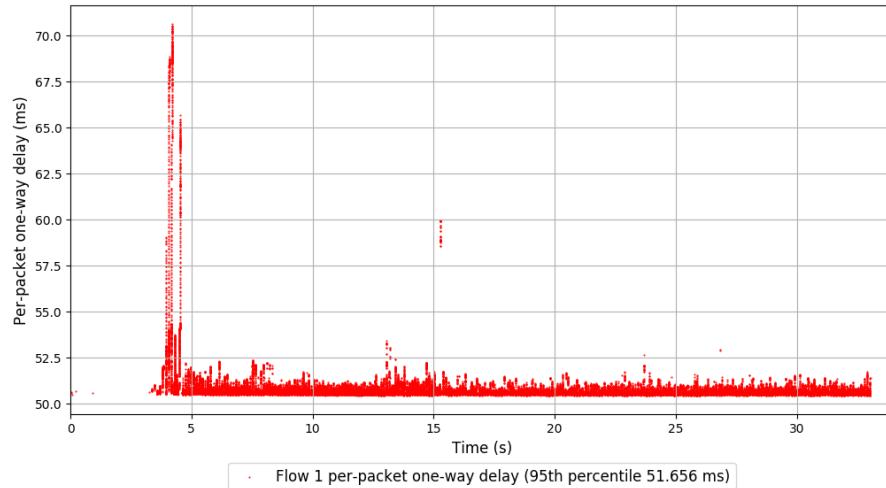
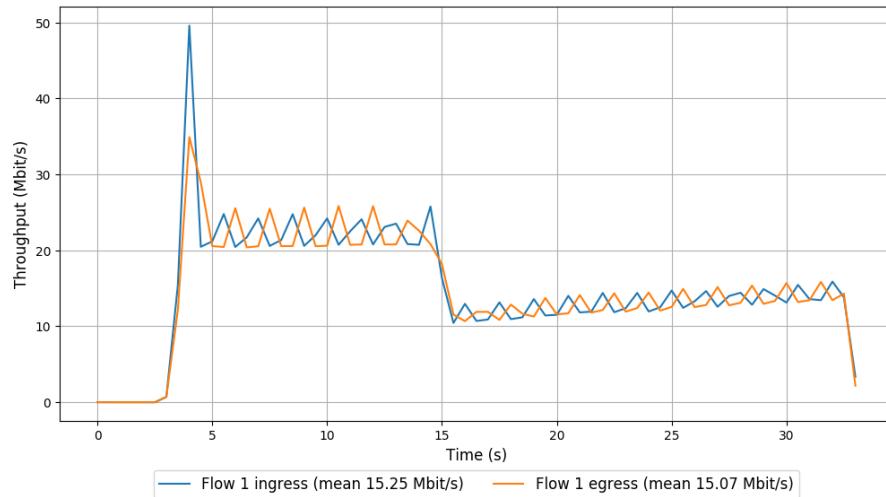
Run 7: Statistics of TCP Vegas

Start at: Tue, 27 Jun 2017 02:55:00 +0000
End at: Tue, 27 Jun 2017 02:55:30 +0000

Local clock offset: 0.154 ms
Remote clock offset: -7.148 ms

```
# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.07 Mbit/s
95th percentile per-packet one-way delay: 51.656 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 15.07 Mbit/s
95th percentile per-packet one-way delay: 51.656 ms
Loss rate: 1.45%
```

Run 7: Report of TCP Vegas — Data Link

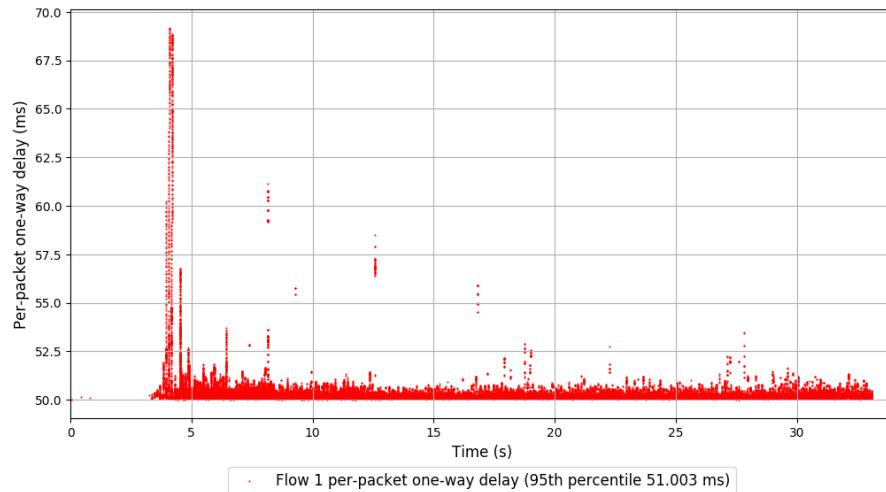
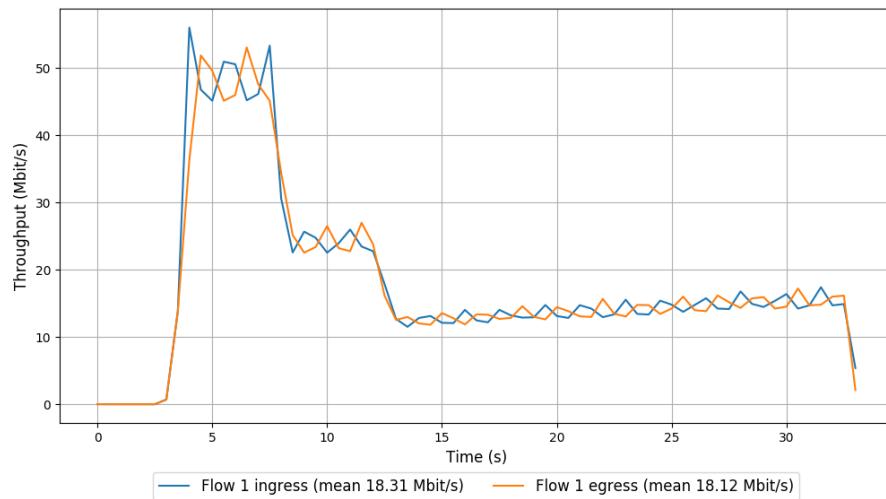


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 03:12:35 +0000
End at: Tue, 27 Jun 2017 03:13:05 +0000
Local clock offset: 0.959 ms
Remote clock offset: -7.243 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 51.003 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 51.003 ms
Loss rate: 1.36%
```

Run 8: Report of TCP Vegas — Data Link

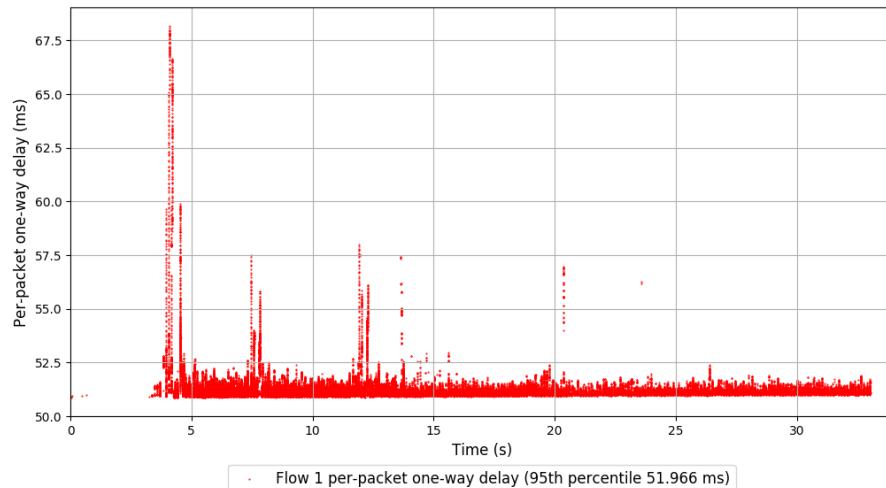
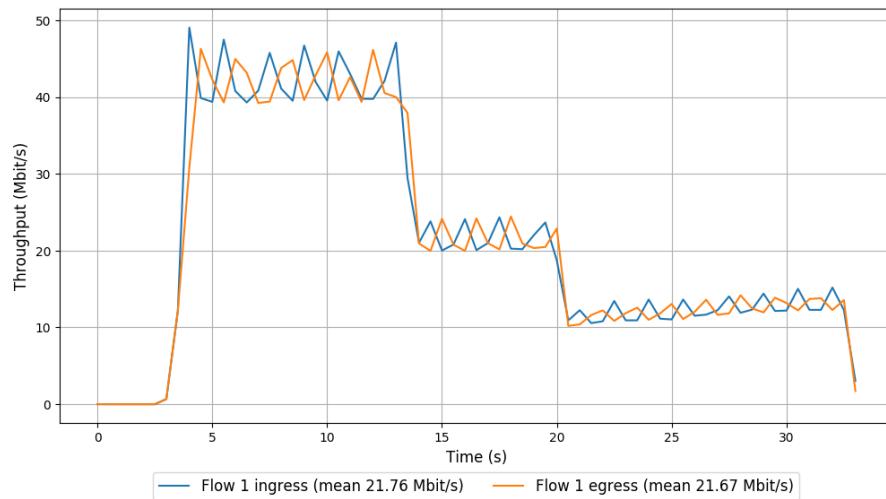


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 03:30:02 +0000
End at: Tue, 27 Jun 2017 03:30:32 +0000
Local clock offset: 1.3 ms
Remote clock offset: -5.889 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 51.966 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 51.966 ms
Loss rate: 0.89%
```

Run 9: Report of TCP Vegas — Data Link

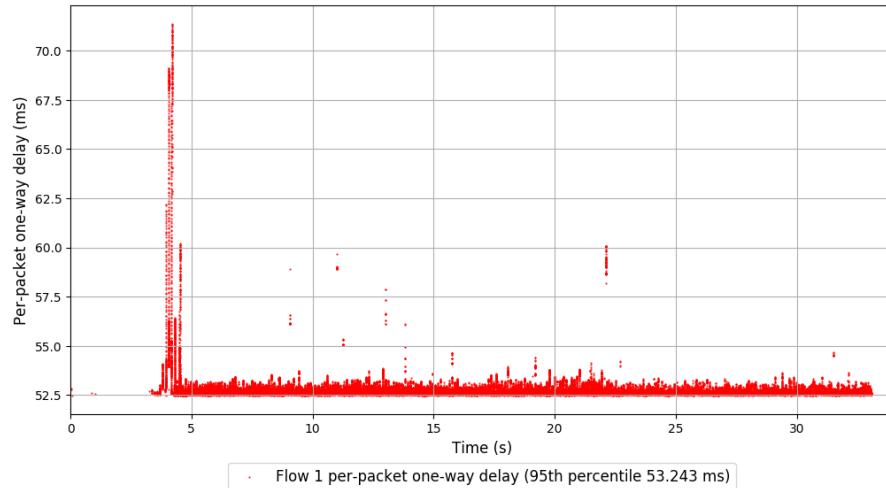
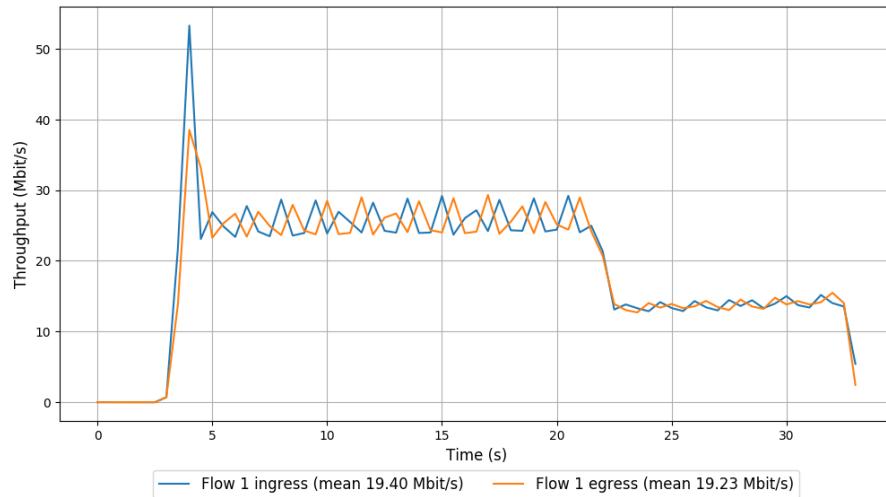


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 27 Jun 2017 03:47:22 +0000
End at: Tue, 27 Jun 2017 03:47:52 +0000
Local clock offset: 1.227 ms
Remote clock offset: -4.198 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 53.243 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 53.243 ms
Loss rate: 1.21%
```

Run 10: Report of TCP Vegas — Data Link

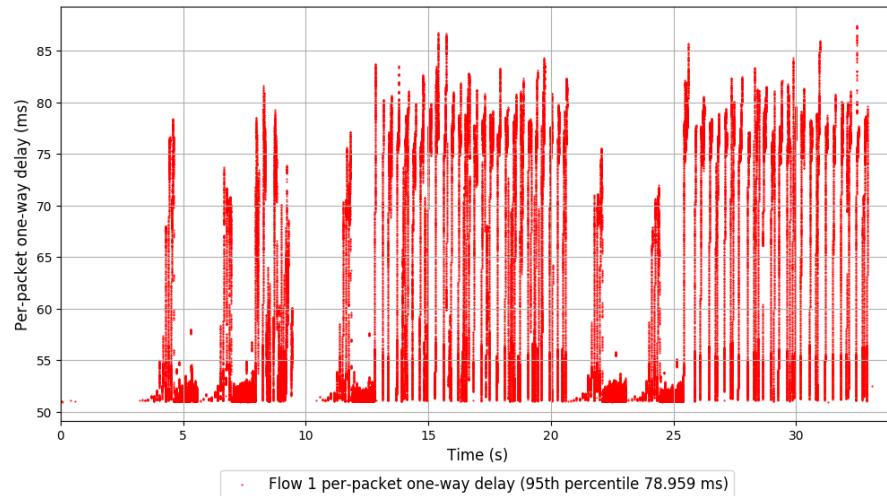
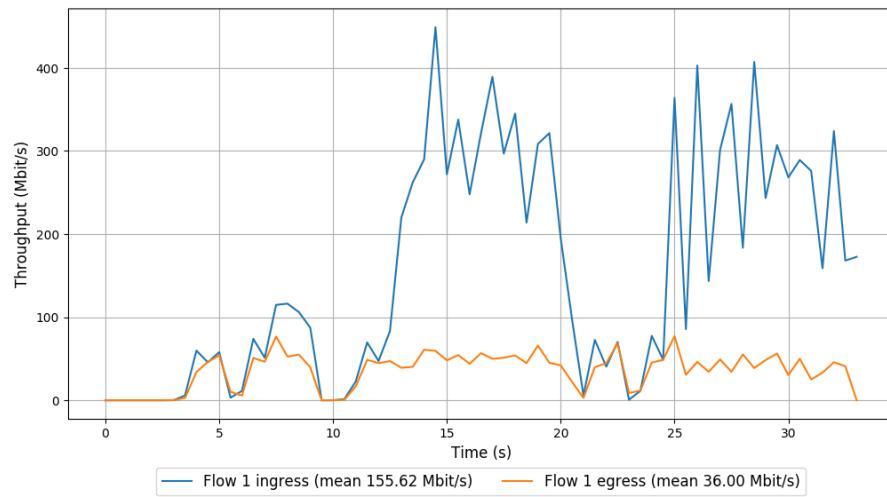


Run 1: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 01:08:58 +0000
End at: Tue, 27 Jun 2017 01:09:28 +0000
Local clock offset: -0.99 ms
Remote clock offset: -8.414 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: 78.959 ms
Loss rate: 76.93%
-- Flow 1:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: 78.959 ms
Loss rate: 76.93%
```

Run 1: Report of Verus — Data Link

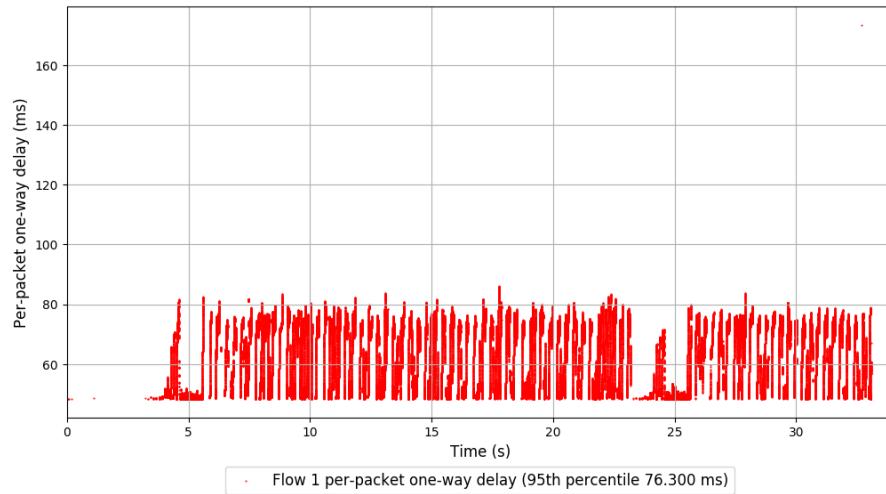
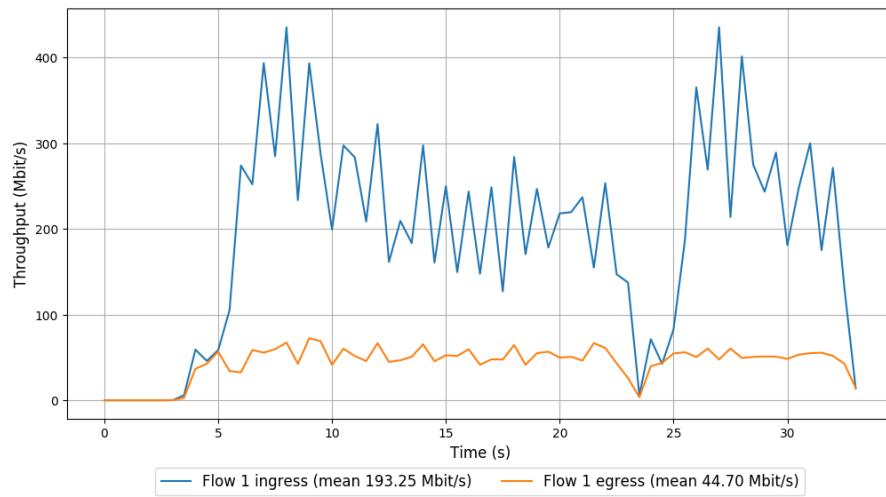


Run 2: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 01:26:17 +0000
End at: Tue, 27 Jun 2017 01:26:47 +0000
Local clock offset: 1.247 ms
Remote clock offset: -8.662 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 76.300 ms
Loss rate: 76.87%
-- Flow 1:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 76.300 ms
Loss rate: 76.87%
```

Run 2: Report of Verus — Data Link

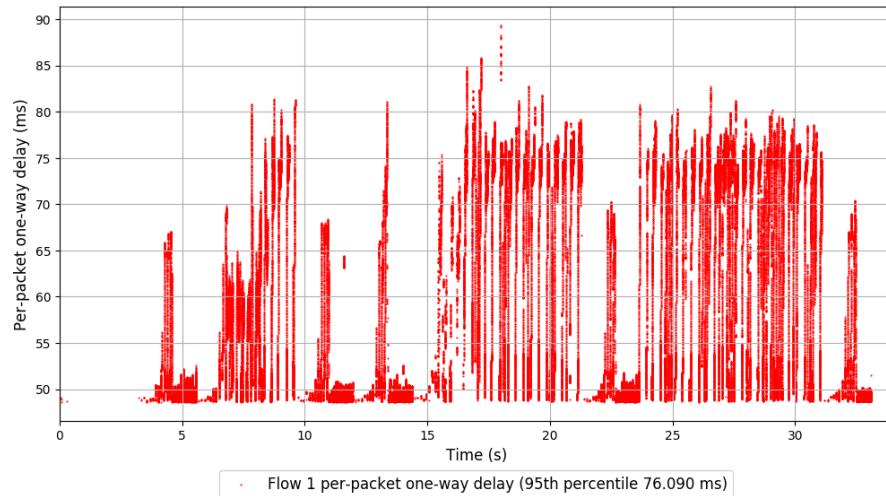
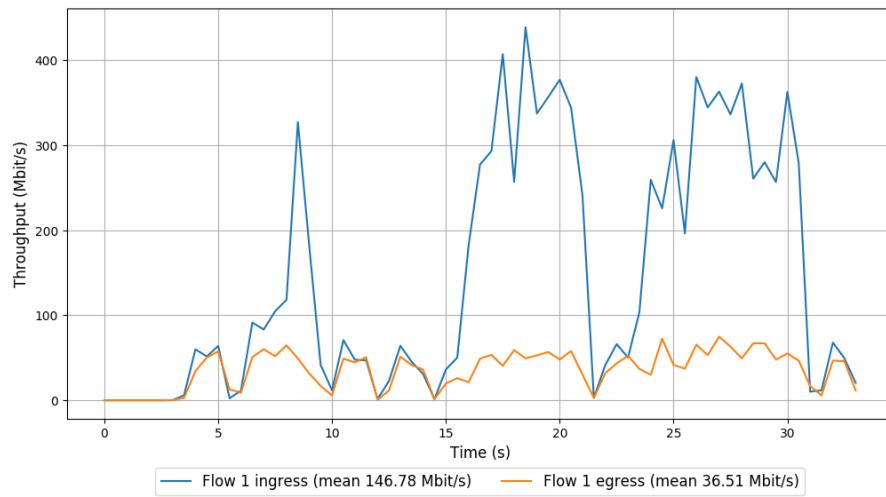


Run 3: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 01:43:37 +0000
End at: Tue, 27 Jun 2017 01:44:07 +0000
Local clock offset: 1.296 ms
Remote clock offset: -8.464 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 76.090 ms
Loss rate: 75.21%
-- Flow 1:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 76.090 ms
Loss rate: 75.21%
```

Run 3: Report of Verus — Data Link

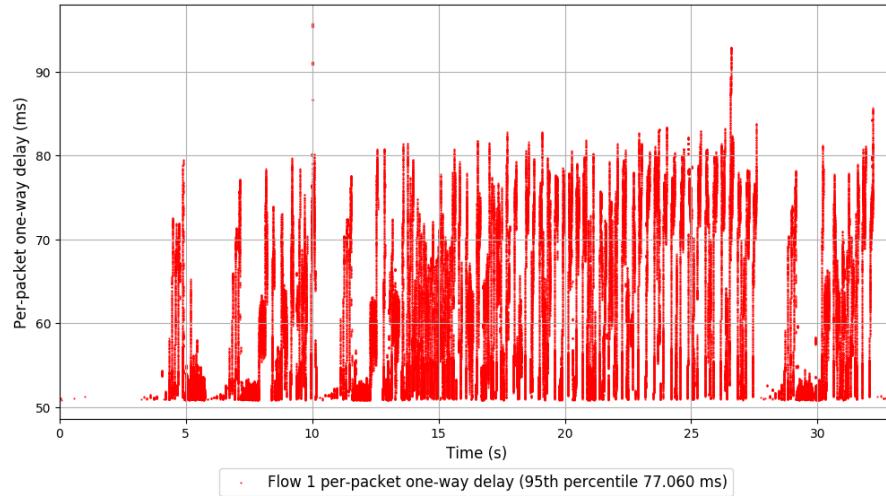
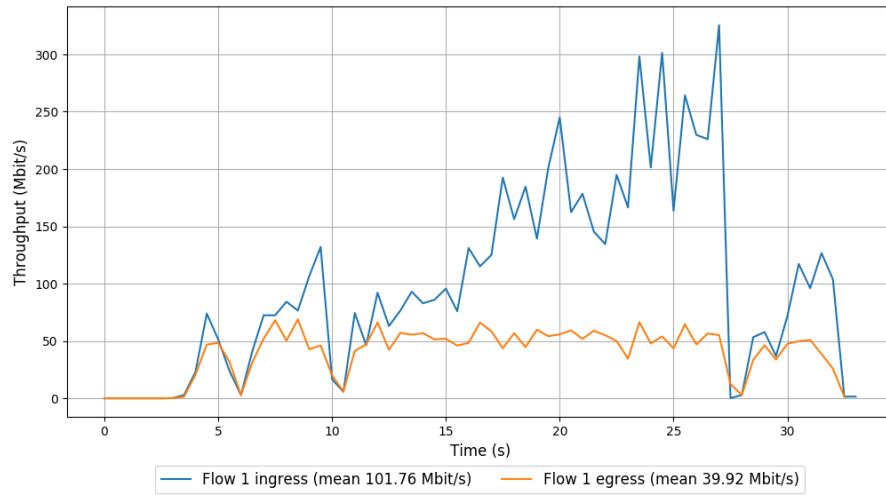


Run 4: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 02:01:10 +0000
End at: Tue, 27 Jun 2017 02:01:40 +0000
Local clock offset: -0.622 ms
Remote clock offset: -7.829 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 77.060 ms
Loss rate: 60.91%
-- Flow 1:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 77.060 ms
Loss rate: 60.91%
```

Run 4: Report of Verus — Data Link

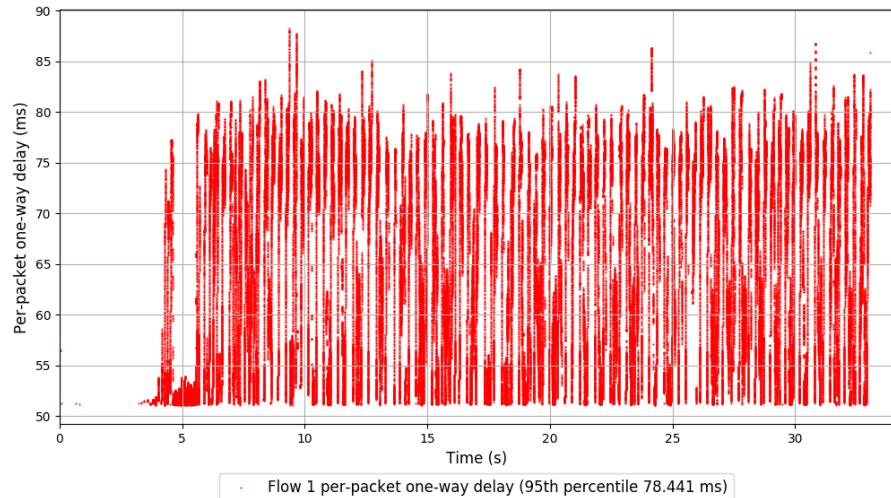
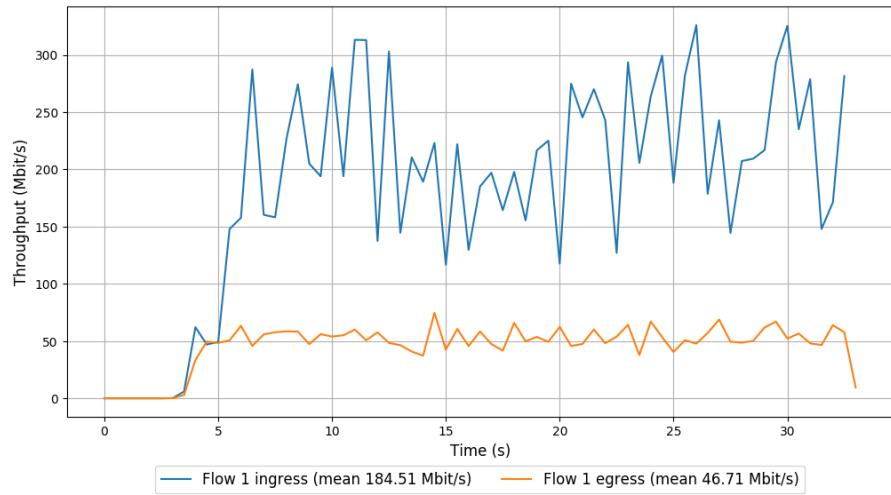


Run 5: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 02:18:44 +0000
End at: Tue, 27 Jun 2017 02:19:14 +0000
Local clock offset: -0.653 ms
Remote clock offset: -7.462 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 78.441 ms
Loss rate: 74.66%
-- Flow 1:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 78.441 ms
Loss rate: 74.66%
```

Run 5: Report of Verus — Data Link

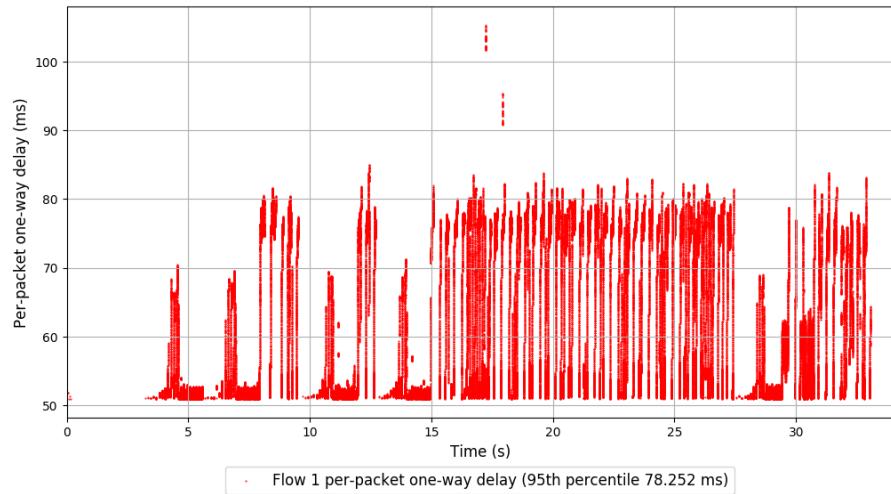
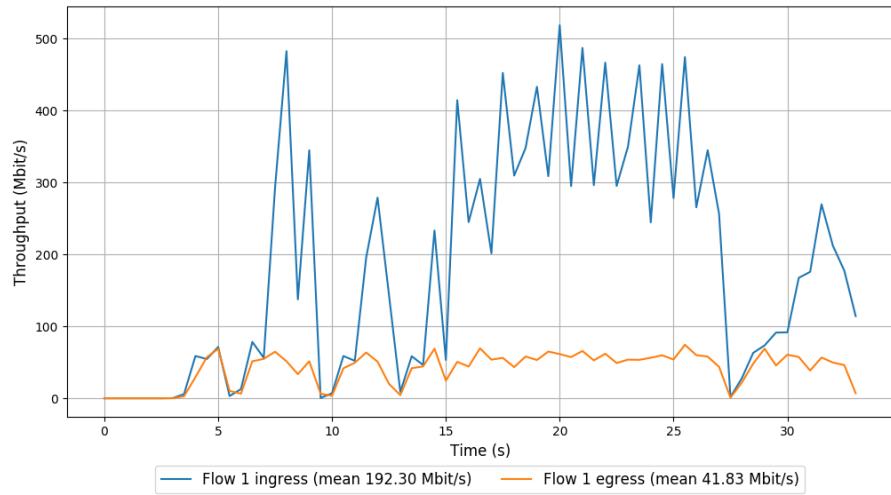


Run 6: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 02:36:12 +0000
End at: Tue, 27 Jun 2017 02:36:42 +0000
Local clock offset: -0.44 ms
Remote clock offset: -7.352 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.83 Mbit/s
95th percentile per-packet one-way delay: 78.252 ms
Loss rate: 78.31%
-- Flow 1:
Average throughput: 41.83 Mbit/s
95th percentile per-packet one-way delay: 78.252 ms
Loss rate: 78.31%
```

Run 6: Report of Verus — Data Link

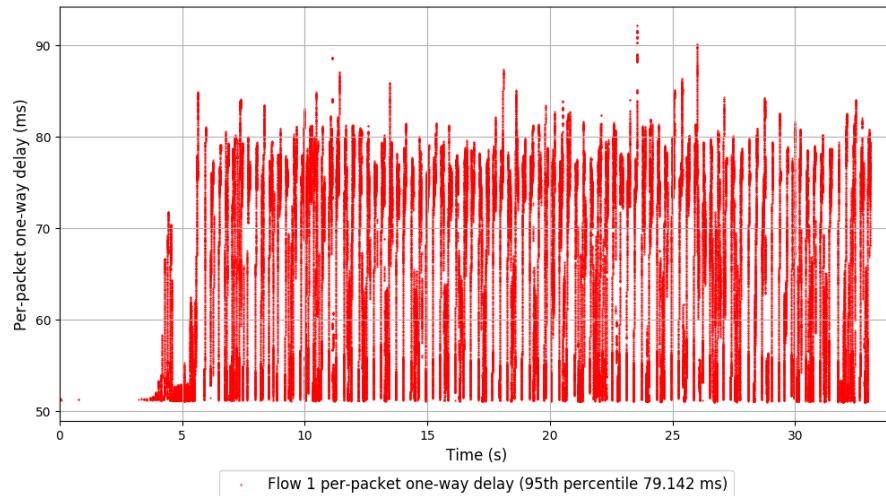
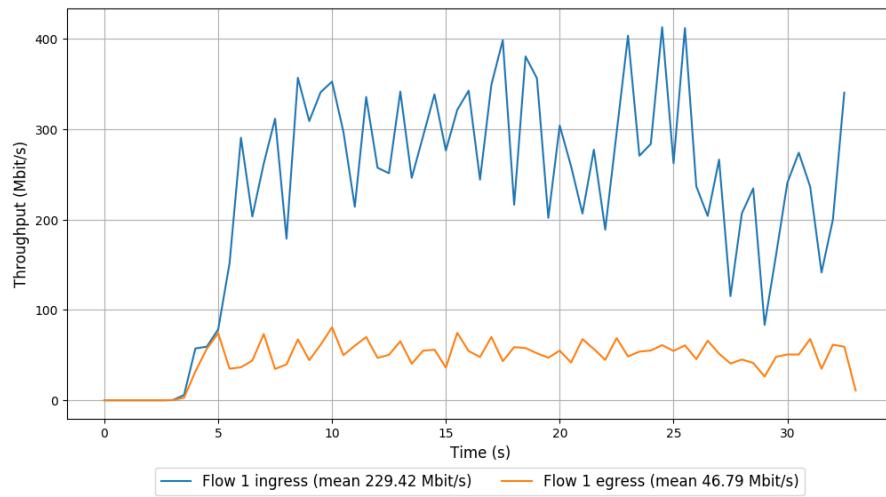


Run 7: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 02:53:42 +0000
End at: Tue, 27 Jun 2017 02:54:12 +0000
Local clock offset: -0.279 ms
Remote clock offset: -7.061 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 79.142 ms
Loss rate: 79.59%
-- Flow 1:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 79.142 ms
Loss rate: 79.59%
```

Run 7: Report of Verus — Data Link

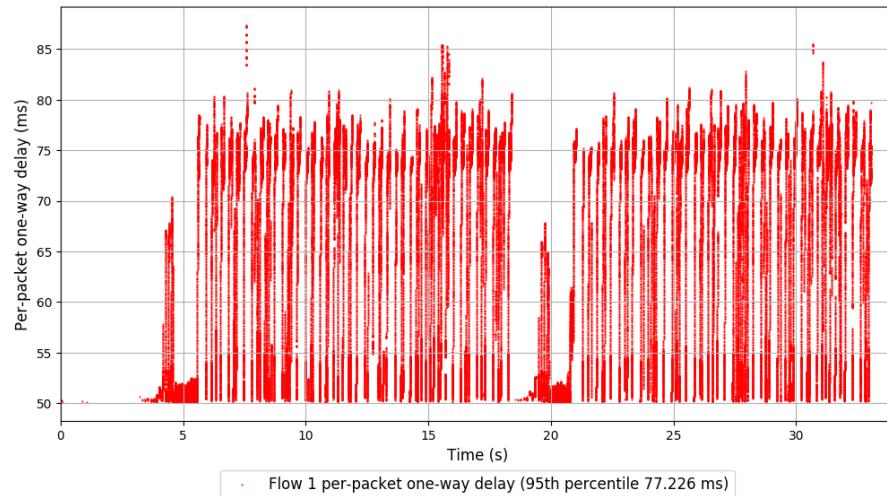
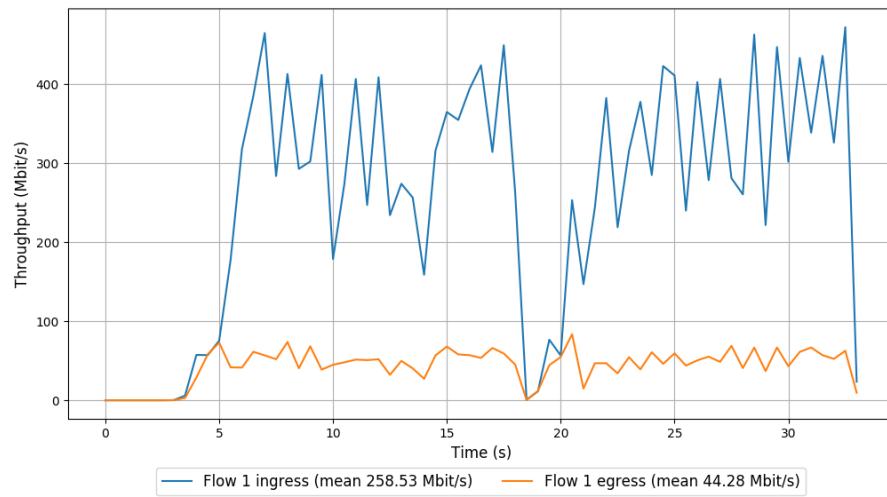


Run 8: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 03:11:16 +0000
End at: Tue, 27 Jun 2017 03:11:46 +0000
Local clock offset: 0.917 ms
Remote clock offset: -7.095 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 77.226 ms
Loss rate: 82.87%
-- Flow 1:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 77.226 ms
Loss rate: 82.87%
```

Run 8: Report of Verus — Data Link

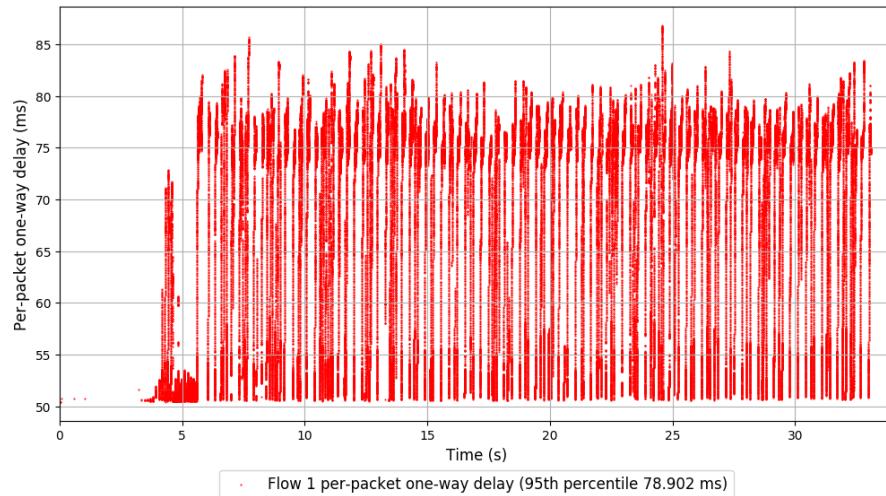
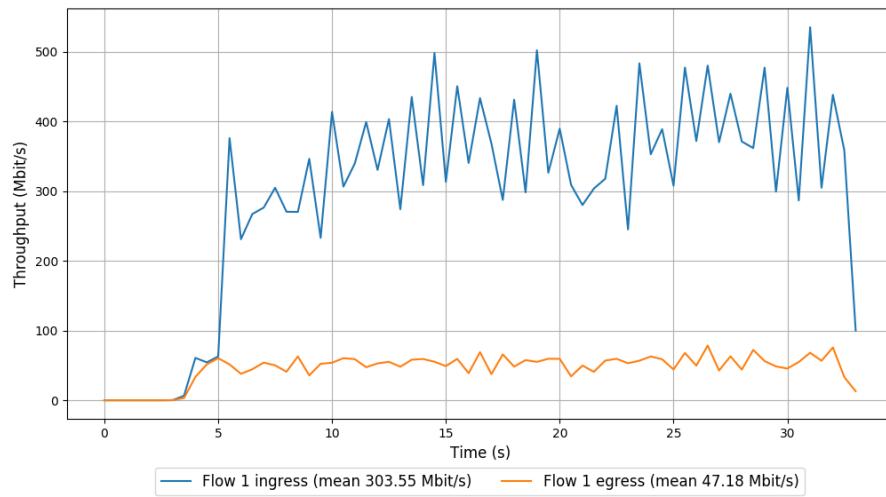


Run 9: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 03:28:41 +0000
End at: Tue, 27 Jun 2017 03:29:11 +0000
Local clock offset: 1.428 ms
Remote clock offset: -6.095 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 78.902 ms
Loss rate: 84.52%
-- Flow 1:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 78.902 ms
Loss rate: 84.52%
```

Run 9: Report of Verus — Data Link

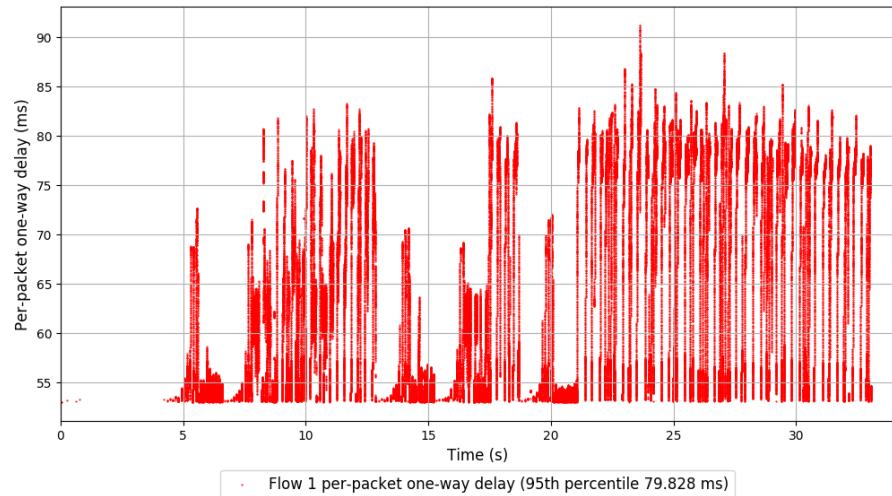
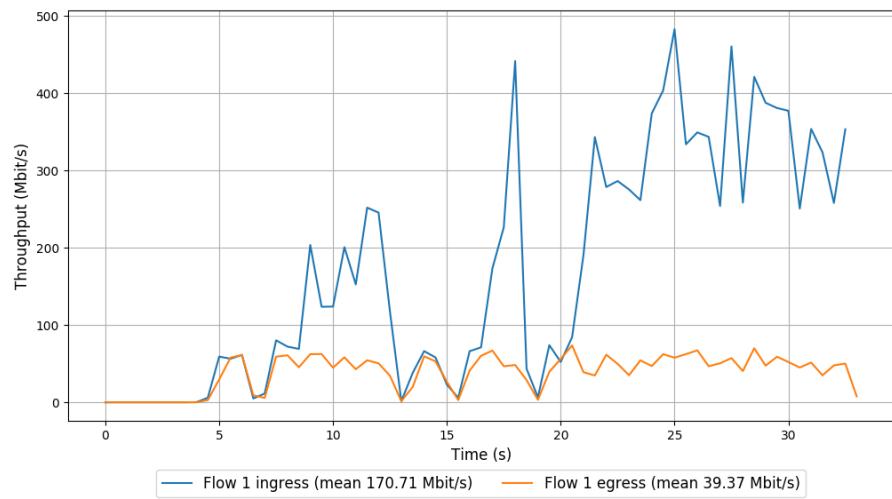


Run 10: Statistics of Verus

```
Start at: Tue, 27 Jun 2017 03:46:06 +0000
End at: Tue, 27 Jun 2017 03:46:36 +0000
Local clock offset: 1.178 ms
Remote clock offset: -4.294 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:30:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 79.828 ms
Loss rate: 76.94%
-- Flow 1:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 79.828 ms
Loss rate: 76.94%
```

Run 10: Report of Verus — Data Link

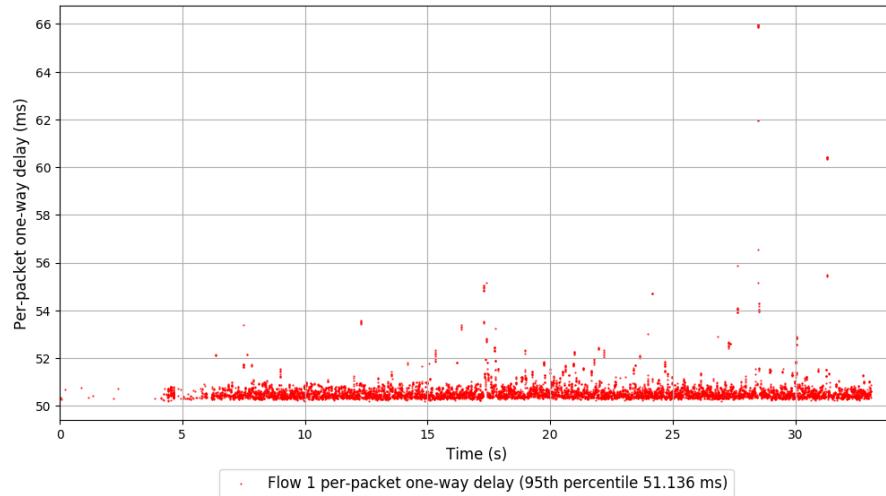
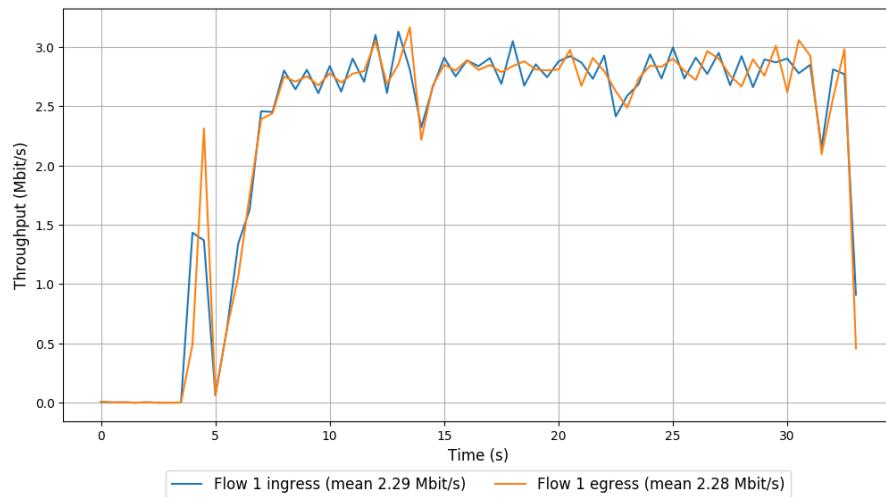


```
Run 1: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 00:59:45 +0000
End at: Tue, 27 Jun 2017 01:00:15 +0000
Local clock offset: -0.891 ms
Remote clock offset: -8.563 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.136 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.136 ms
Loss rate: 0.46%
```

Run 1: Report of WebRTC media — Data Link

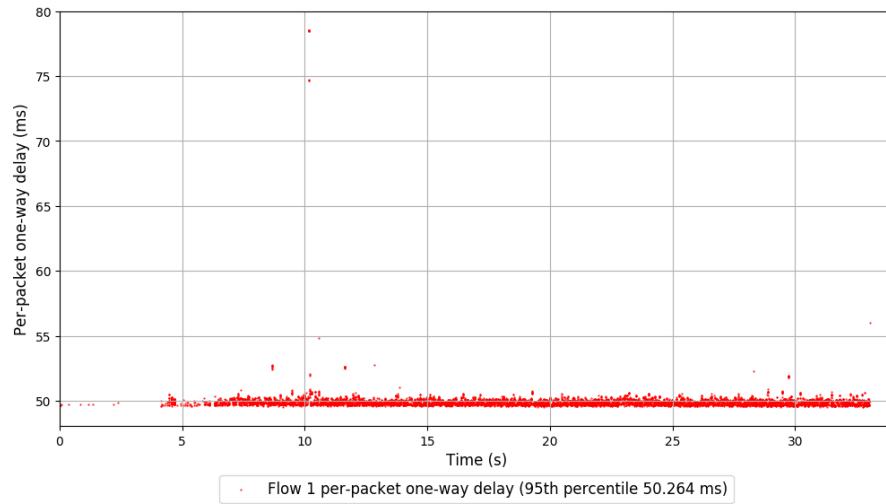
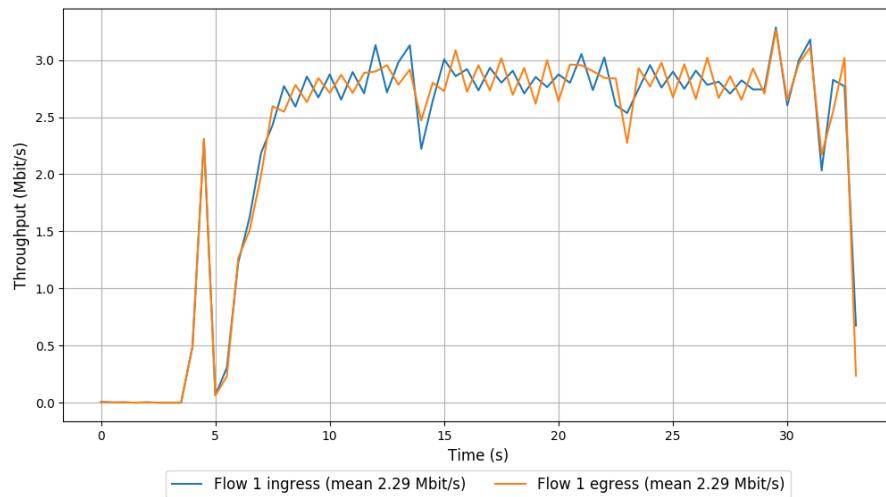


```
Run 2: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 01:17:04 +0000
End at: Tue, 27 Jun 2017 01:17:34 +0000
Local clock offset: 0.273 ms
Remote clock offset: -8.468 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.264 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.264 ms
Loss rate: 0.43%
```

Run 2: Report of WebRTC media — Data Link

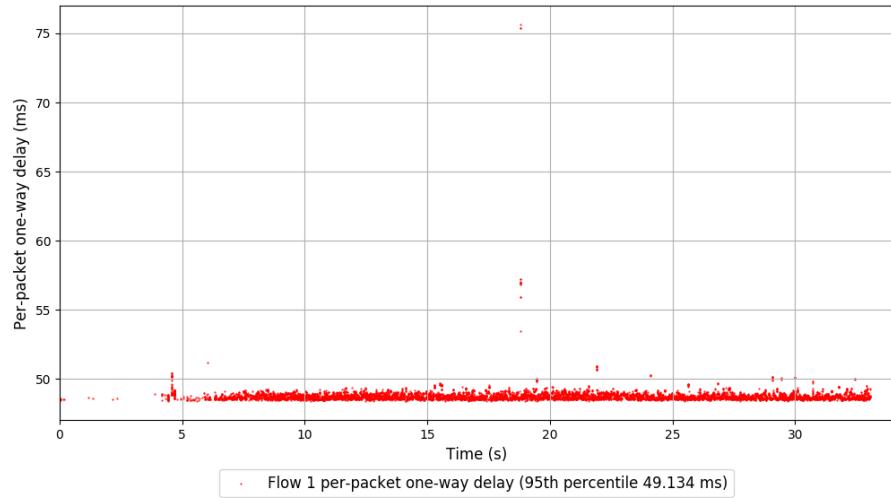
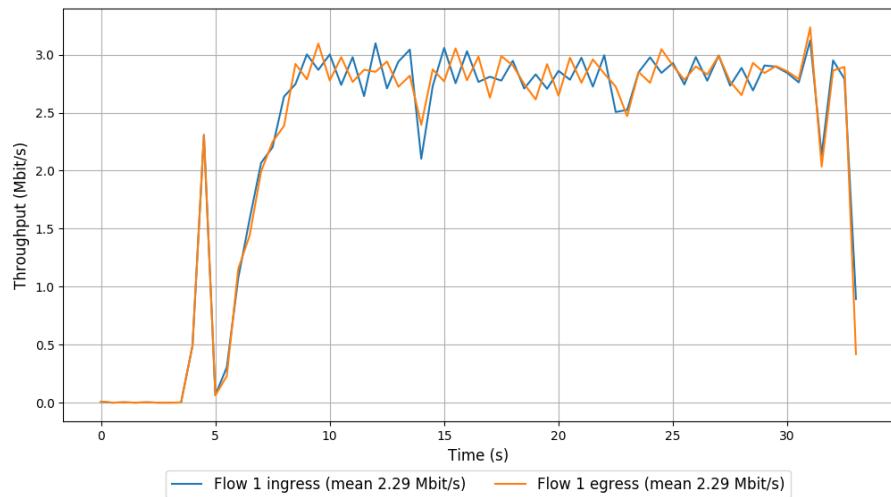


```
Run 3: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 01:34:25 +0000
End at: Tue, 27 Jun 2017 01:34:55 +0000
Local clock offset: 1.274 ms
Remote clock offset: -9.029 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 49.134 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 49.134 ms
Loss rate: 0.45%
```

Run 3: Report of WebRTC media — Data Link

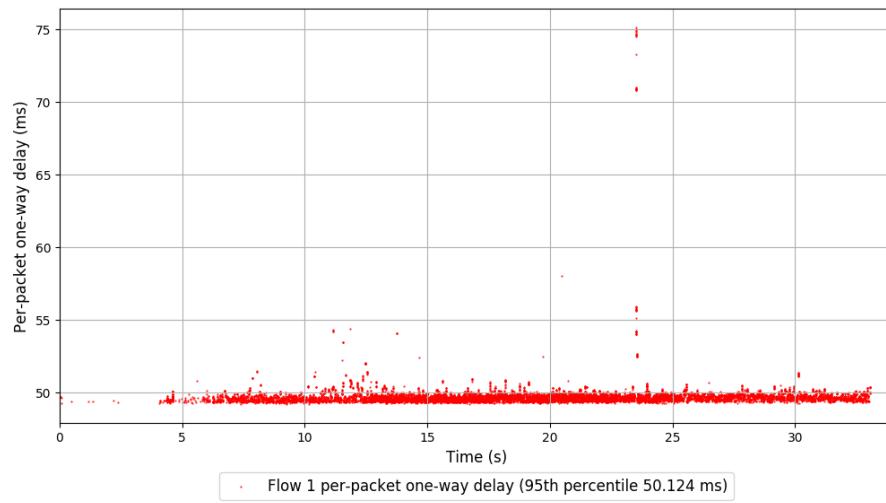
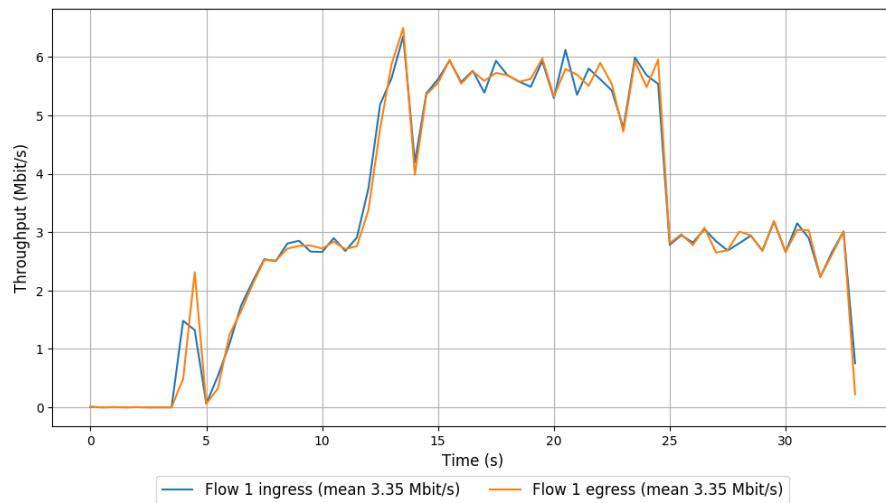


```
Run 4: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 01:51:50 +0000
End at: Tue, 27 Jun 2017 01:52:20 +0000
Local clock offset: 0.085 ms
Remote clock offset: -7.898 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 50.124 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 50.124 ms
Loss rate: 0.55%
```

Run 4: Report of WebRTC media — Data Link

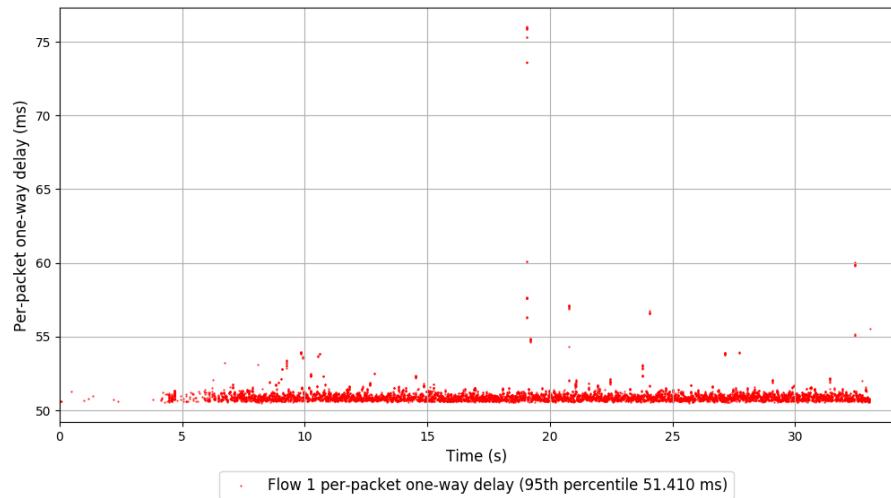
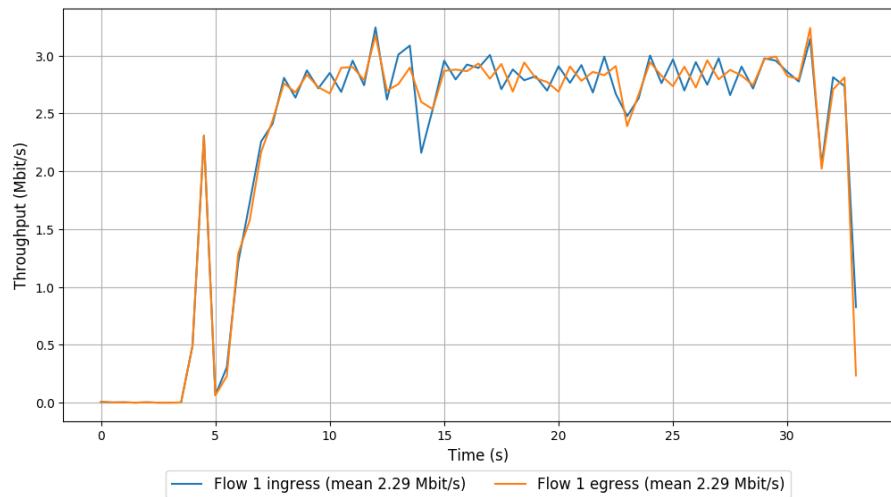


```
Run 5: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 02:09:25 +0000
End at: Tue, 27 Jun 2017 02:09:55 +0000
Local clock offset: -0.699 ms
Remote clock offset: -7.771 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.410 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.410 ms
Loss rate: 0.53%
```

Run 5: Report of WebRTC media — Data Link

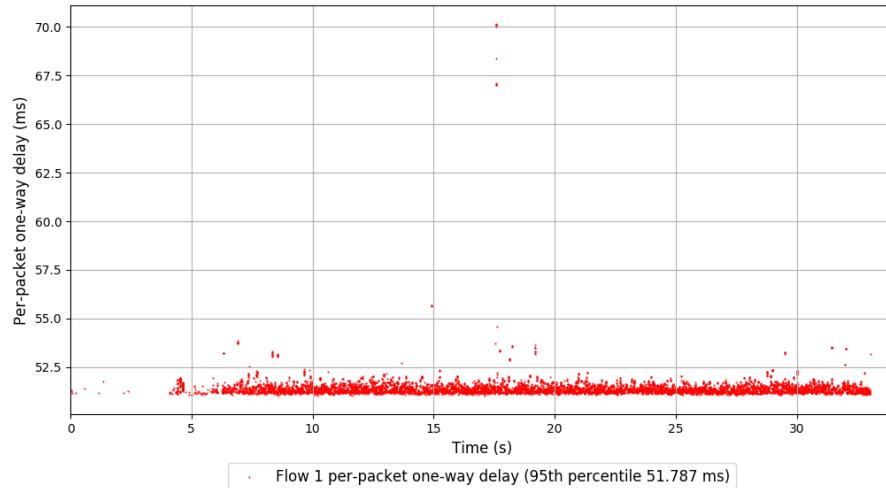
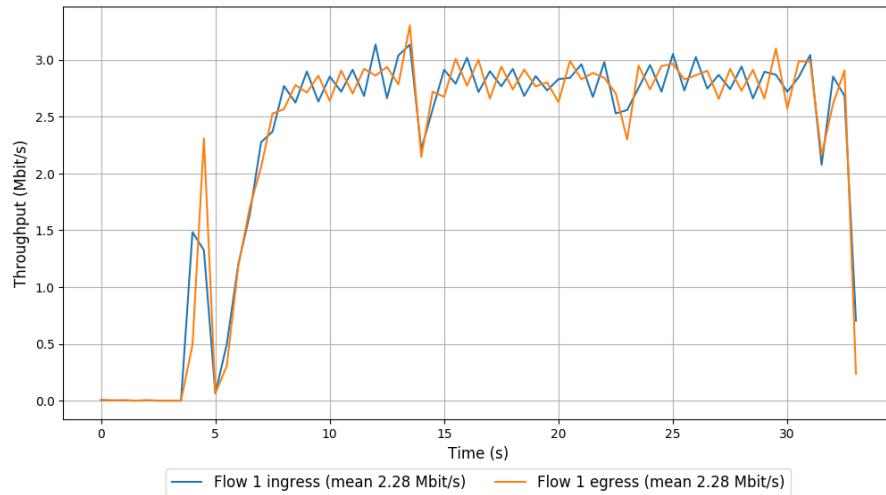


Run 6: Statistics of WebRTC media

```
Start at: Tue, 27 Jun 2017 02:26:56 +0000
End at: Tue, 27 Jun 2017 02:27:26 +0000
Local clock offset: -0.446 ms
Remote clock offset: -7.69 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.787 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.787 ms
Loss rate: 0.45%
```

Run 6: Report of WebRTC media — Data Link

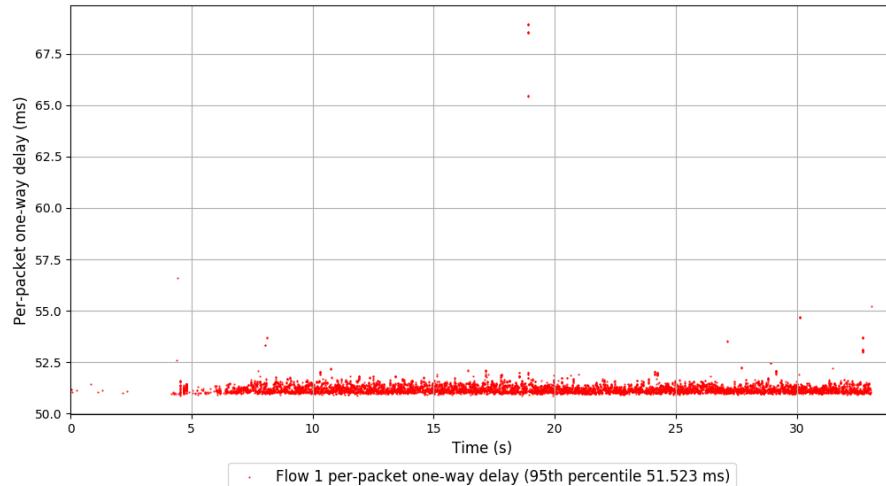
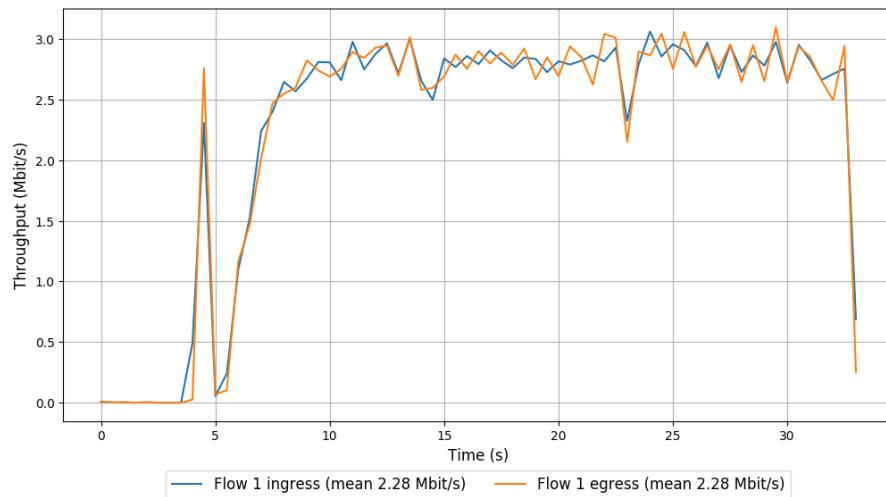


Run 7: Statistics of WebRTC media

```
Start at: Tue, 27 Jun 2017 02:44:25 +0000
End at: Tue, 27 Jun 2017 02:44:55 +0000
Local clock offset: -0.42 ms
Remote clock offset: -7.546 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.523 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.523 ms
Loss rate: 0.44%
```

Run 7: Report of WebRTC media — Data Link

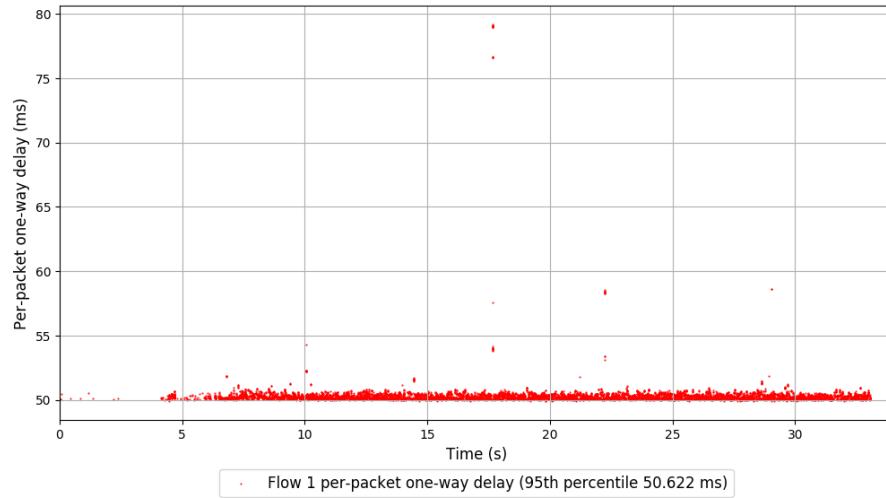
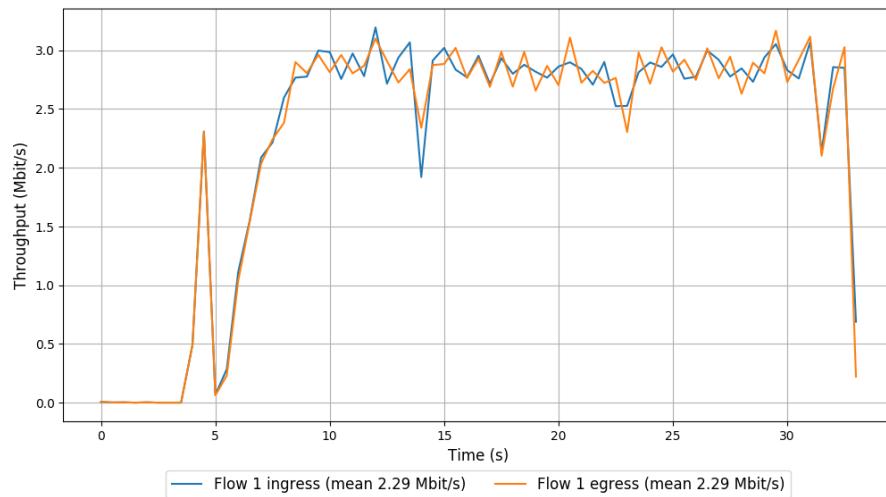


```
Run 8: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:01:56 +0000
End at: Tue, 27 Jun 2017 03:02:26 +0000
Local clock offset: 0.524 ms
Remote clock offset: -7.038 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.622 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.622 ms
Loss rate: 0.45%
```

Run 8: Report of WebRTC media — Data Link

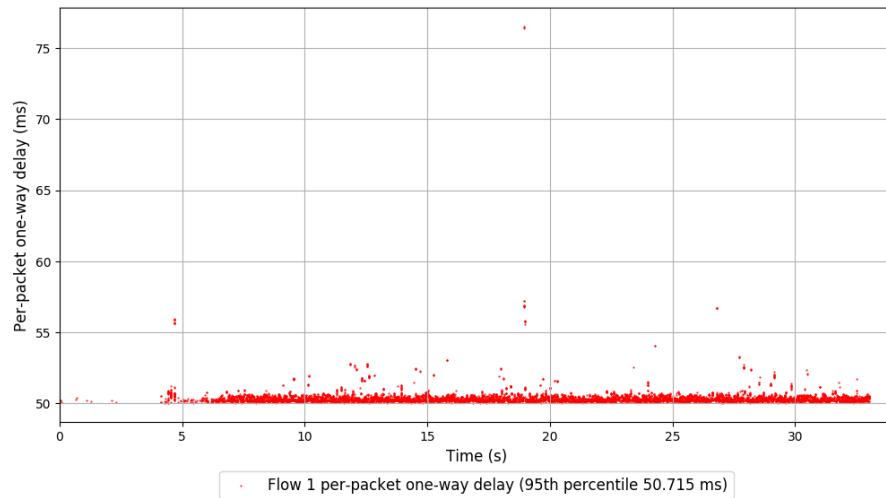
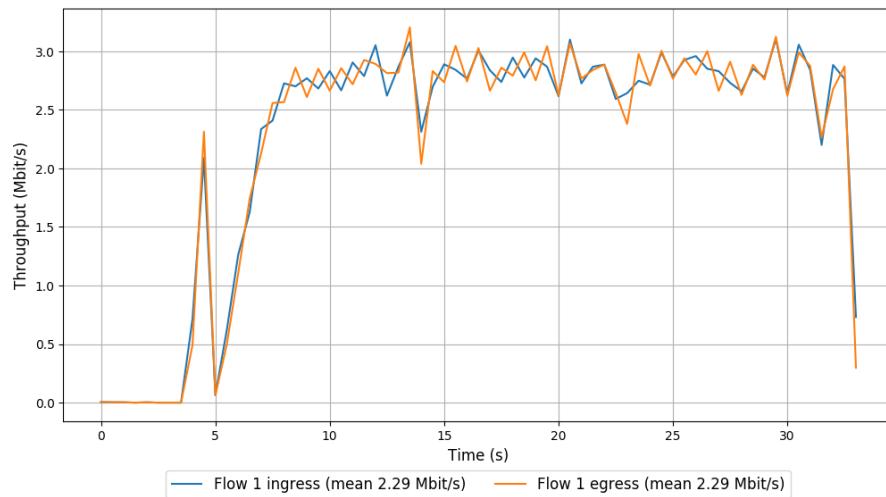


```
Run 9: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:19:25 +0000
End at: Tue, 27 Jun 2017 03:19:55 +0000
Local clock offset: 1.309 ms
Remote clock offset: -6.984 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.48%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 27 Jun 2017 03:36:52 +0000
End at: Tue, 27 Jun 2017 03:37:22 +0000
Local clock offset: 1.178 ms
Remote clock offset: -4.813 ms

# Below is generated by plot.py at Tue, 27 Jun 2017 04:31:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 52.683 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 52.683 ms
Loss rate: 0.45%
```

Run 10: Report of WebRTC media — Data Link

