

Pantheon Summary (Generated at Fri, 16 Jun 2017 05:43:44 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

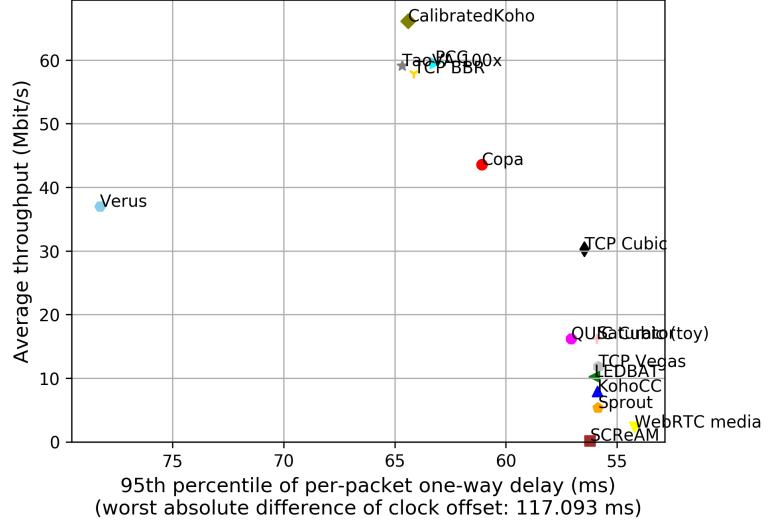
Each test lasted for 30 seconds running 1 flow.

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

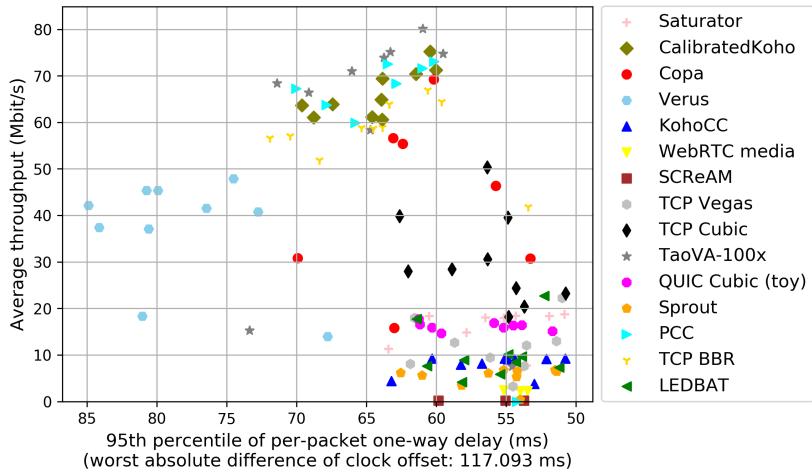
NTP offset measured against gps.ntp.br.

```
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
```

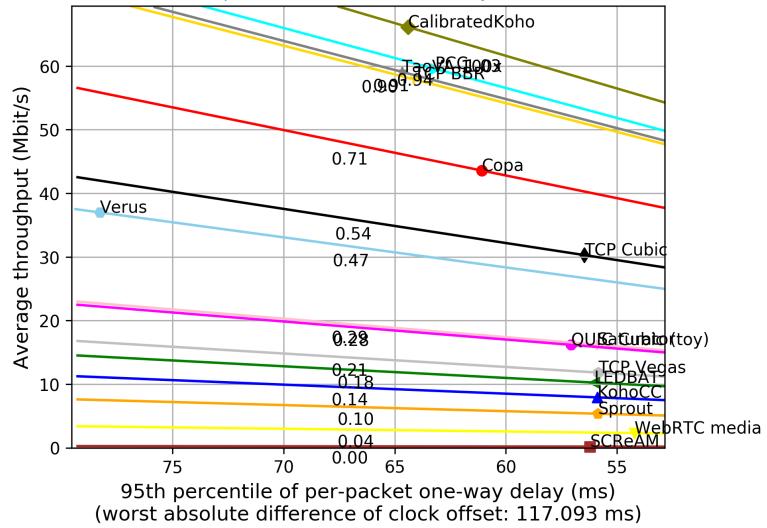
test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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

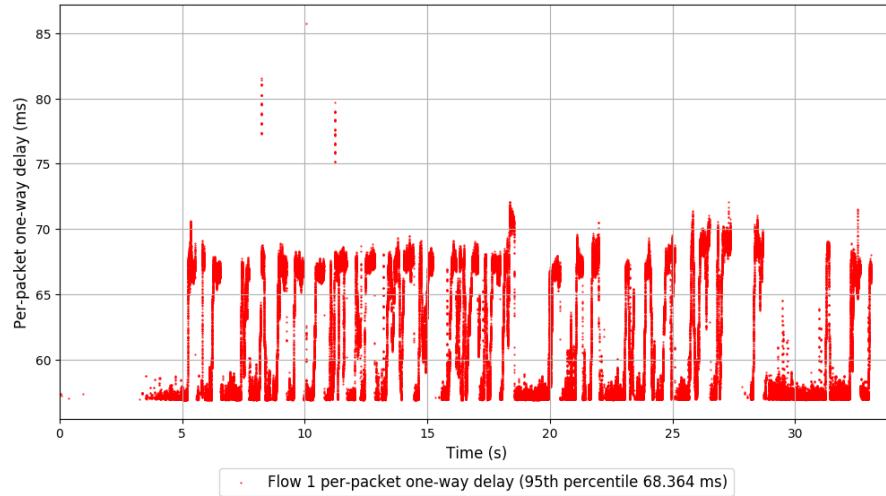
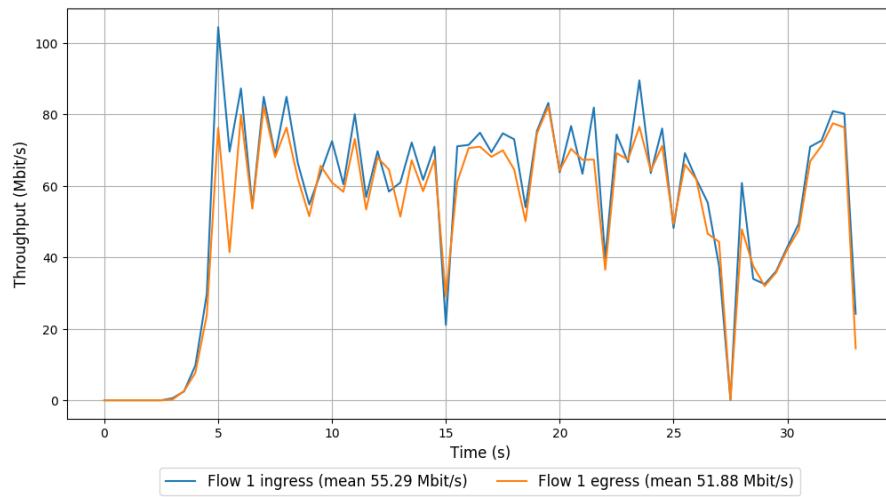


Run 1: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:12:10 +0000
End at: Fri, 16 Jun 2017 02:12:40 +0000
Local clock offset: 1.826 ms
Remote clock offset: 1.009 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:36:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.88 Mbit/s
95th percentile per-packet one-way delay: 68.364 ms
Loss rate: 6.50%
-- Flow 1:
Average throughput: 51.88 Mbit/s
95th percentile per-packet one-way delay: 68.364 ms
Loss rate: 6.50%
```

Run 1: Report of TCP BBR — Data Link

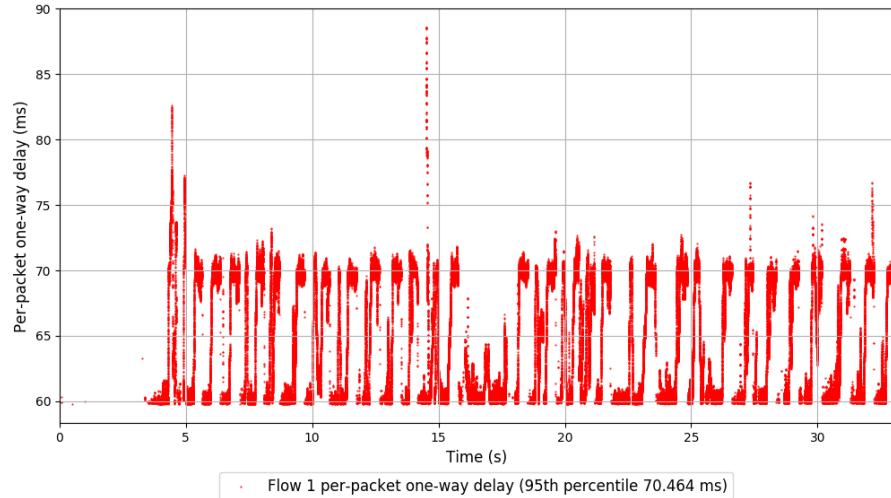
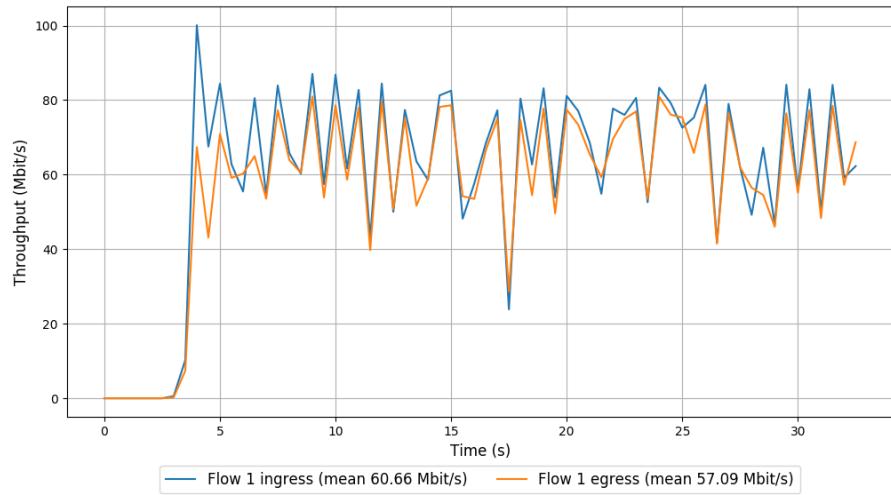


Run 2: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:29:36 +0000
End at: Fri, 16 Jun 2017 02:30:06 +0000
Local clock offset: 0.126 ms
Remote clock offset: 1.679 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:36:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 70.464 ms
Loss rate: 5.86%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 70.464 ms
Loss rate: 5.86%
```

Run 2: Report of TCP BBR — Data Link

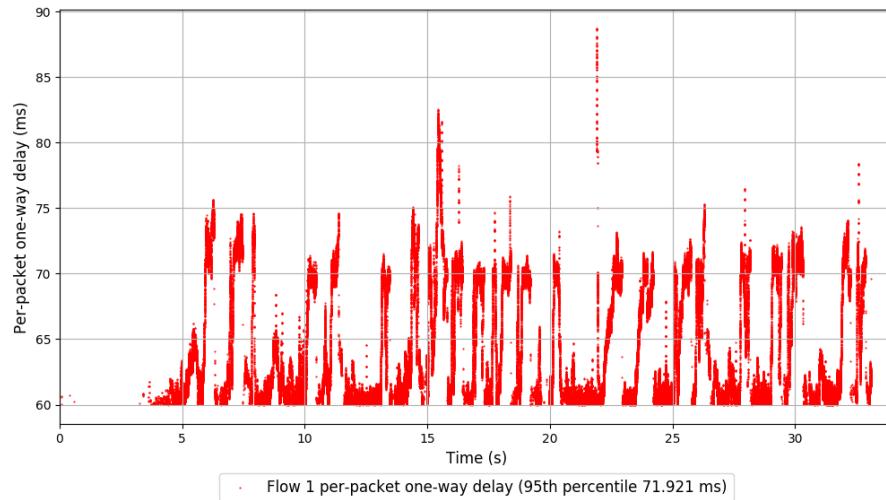
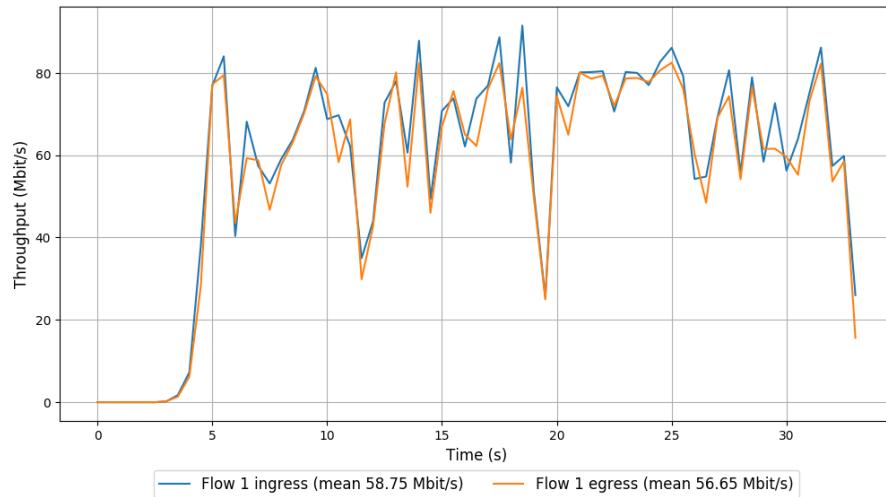


Run 3: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:46:58 +0000
End at: Fri, 16 Jun 2017 02:47:29 +0000
Local clock offset: -0.274 ms
Remote clock offset: 1.887 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 71.921 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 71.921 ms
Loss rate: 3.89%
```

Run 3: Report of TCP BBR — Data Link

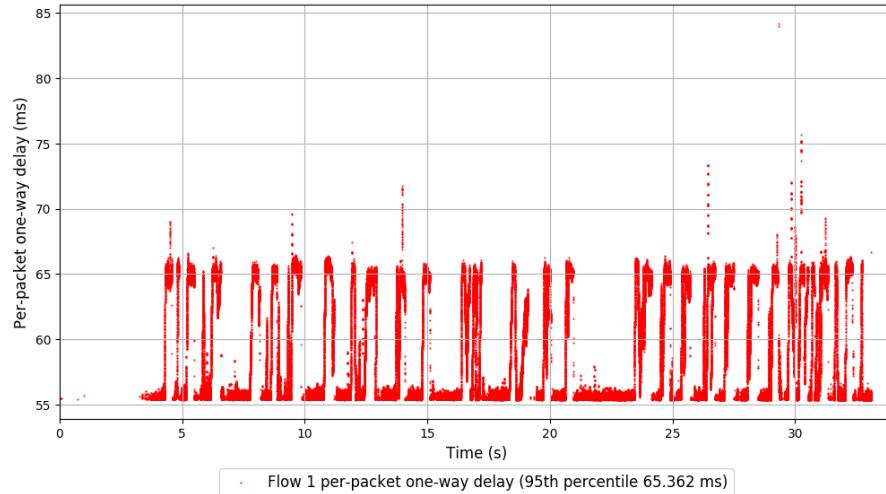
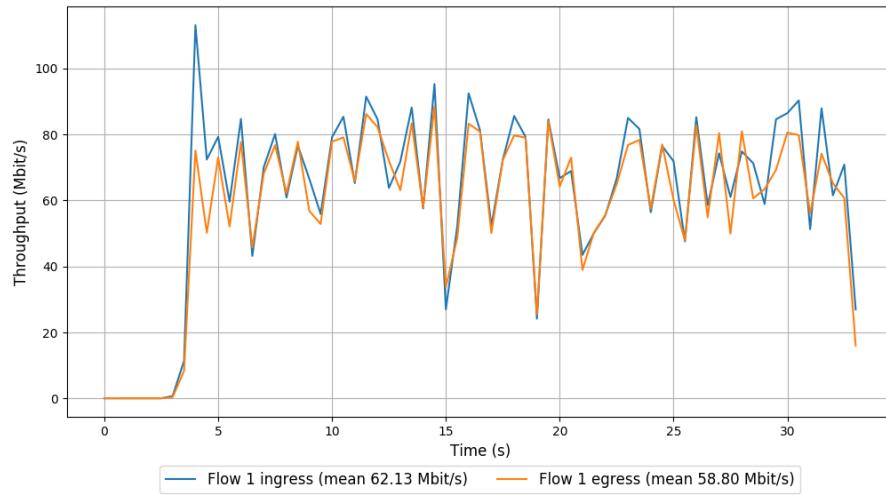


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:04:21 +0000
End at: Fri, 16 Jun 2017 03:04:51 +0000
Local clock offset: 4.201 ms
Remote clock offset: 1.29 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 65.362 ms
Loss rate: 5.66%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 65.362 ms
Loss rate: 5.66%
```

Run 4: Report of TCP BBR — Data Link

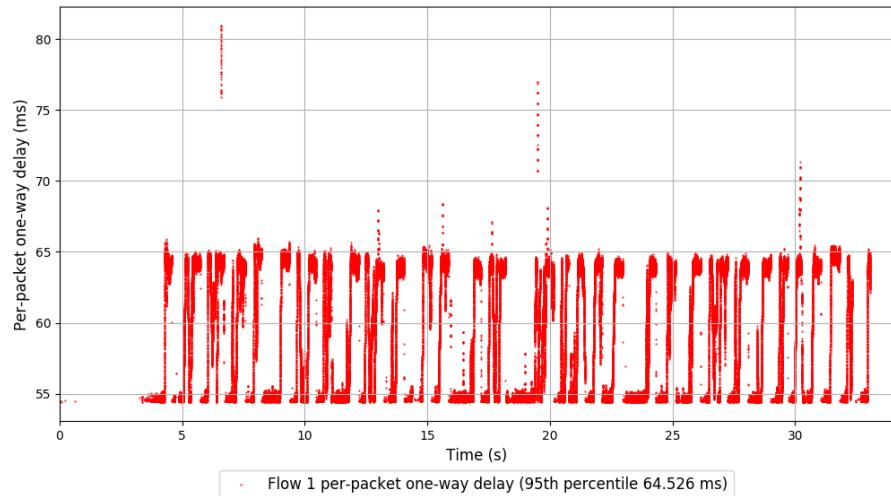
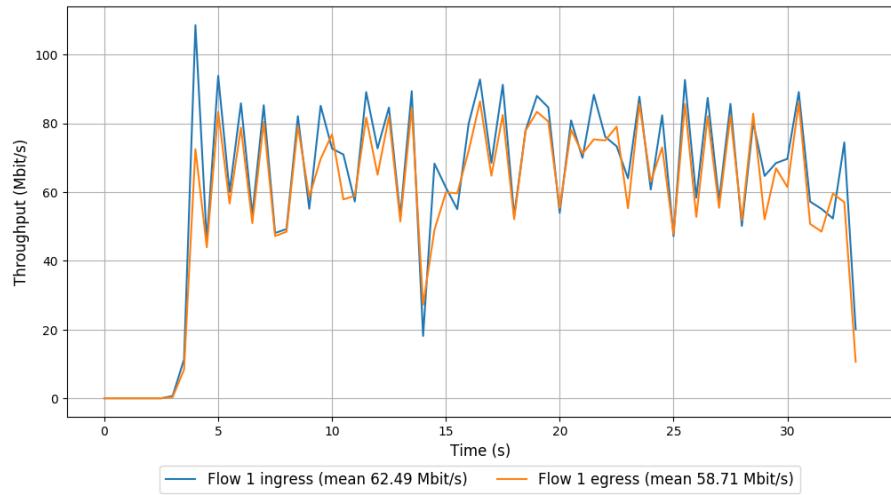


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:21:50 +0000
End at: Fri, 16 Jun 2017 03:22:20 +0000
Local clock offset: 5.069 ms
Remote clock offset: 1.496 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 64.526 ms
Loss rate: 6.38%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 64.526 ms
Loss rate: 6.38%
```

Run 5: Report of TCP BBR — Data Link

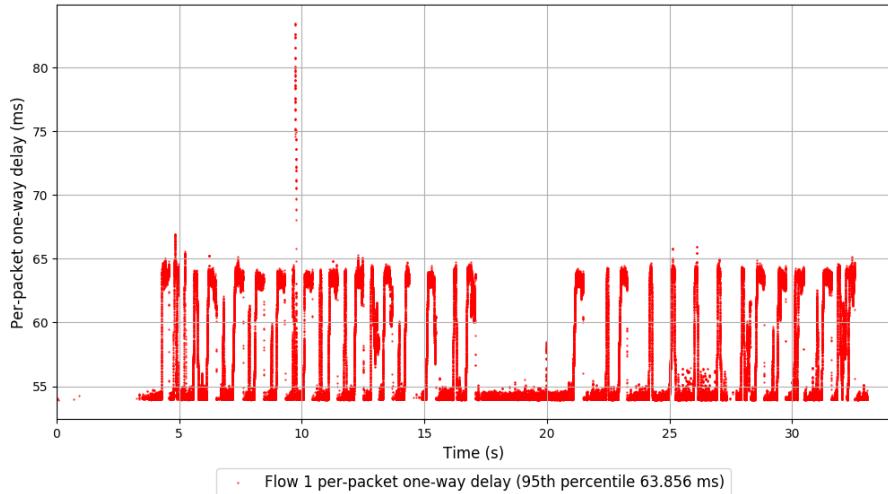
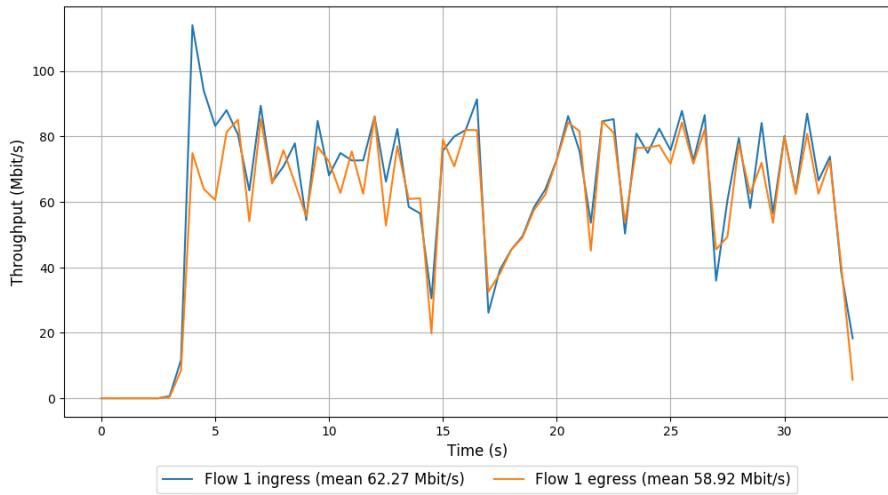


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:39:11 +0000
End at: Fri, 16 Jun 2017 03:39:41 +0000
Local clock offset: 5.312 ms
Remote clock offset: 1.396 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 63.856 ms
Loss rate: 5.78%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 63.856 ms
Loss rate: 5.78%
```

Run 6: Report of TCP BBR — Data Link

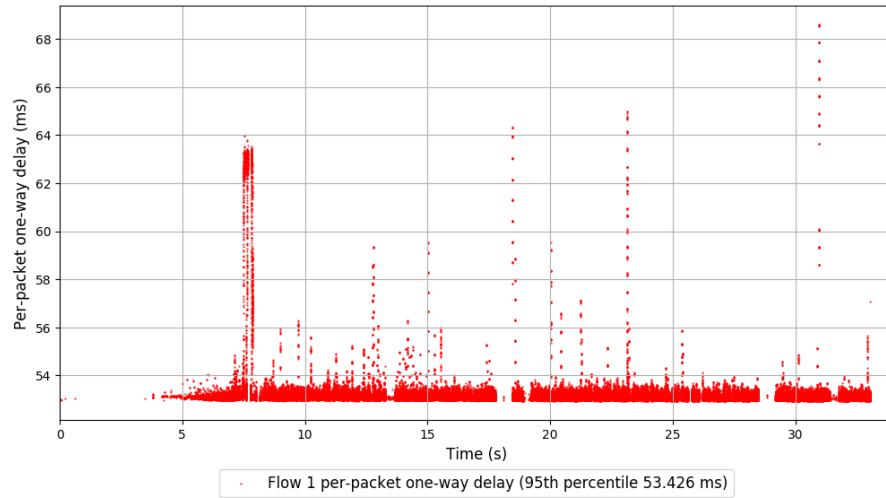
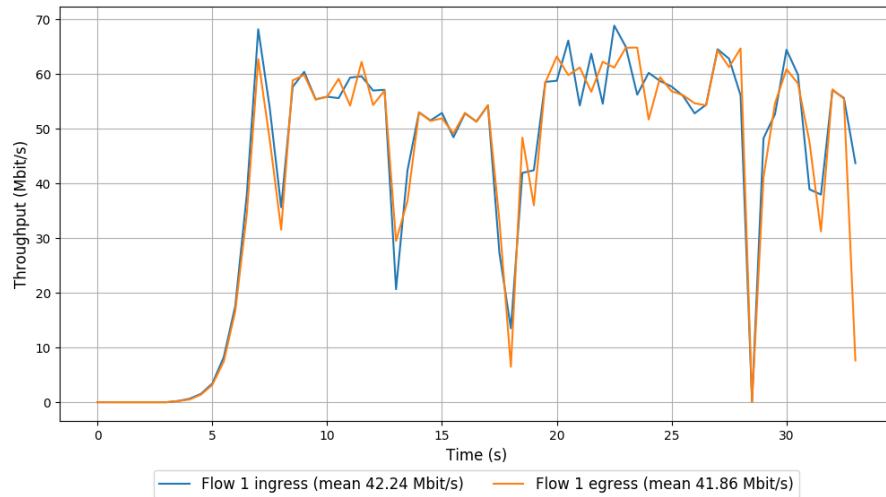


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 03:56:57 +0000
End at: Fri, 16 Jun 2017 03:57:27 +0000
Local clock offset: 5.622 ms
Remote clock offset: -108.248 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 53.426 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 53.426 ms
Loss rate: 2.07%
```

Run 7: Report of TCP BBR — Data Link

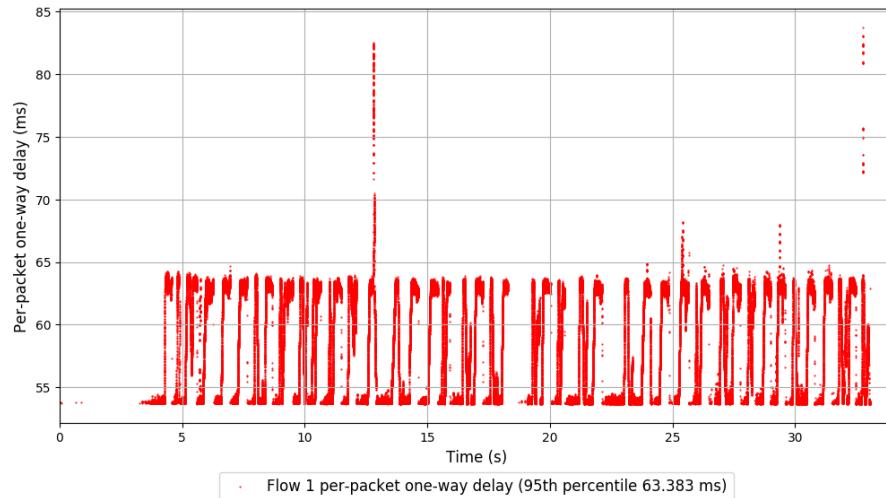
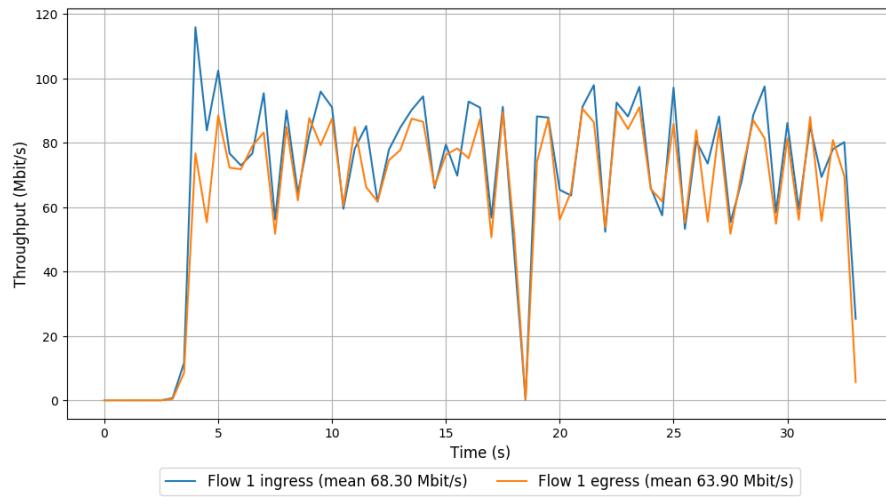


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:14:38 +0000
End at: Fri, 16 Jun 2017 04:15:08 +0000
Local clock offset: 3.967 ms
Remote clock offset: -0.772 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 63.383 ms
Loss rate: 6.92%
-- Flow 1:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 63.383 ms
Loss rate: 6.92%
```

Run 8: Report of TCP BBR — Data Link

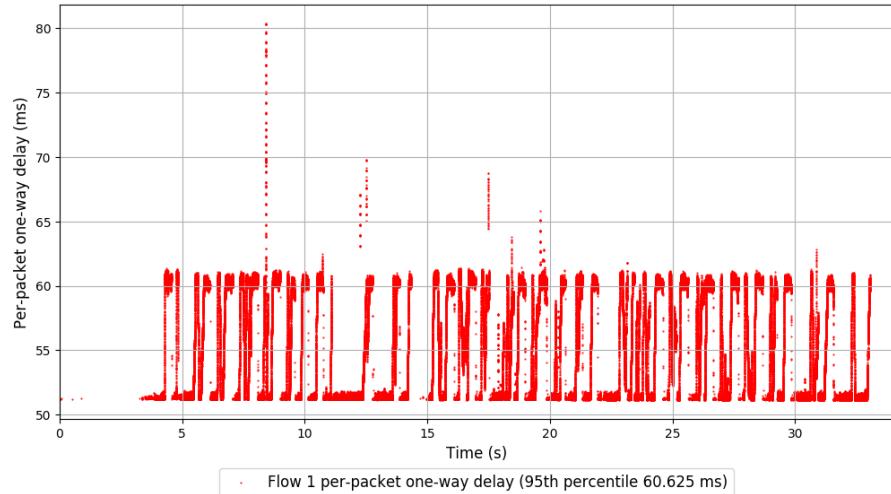
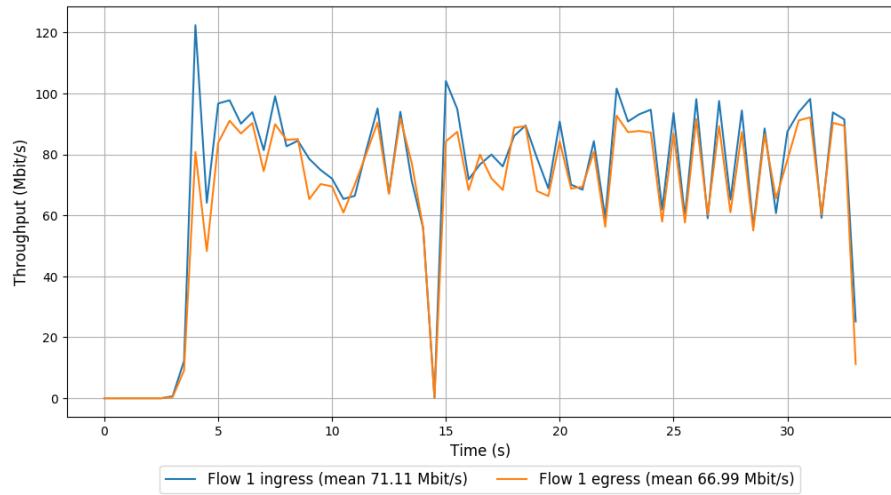


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:32:12 +0000
End at: Fri, 16 Jun 2017 04:32:42 +0000
Local clock offset: 2.996 ms
Remote clock offset: -3.921 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 60.625 ms
Loss rate: 6.12%
-- Flow 1:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 60.625 ms
Loss rate: 6.12%
```

Run 9: Report of TCP BBR — Data Link

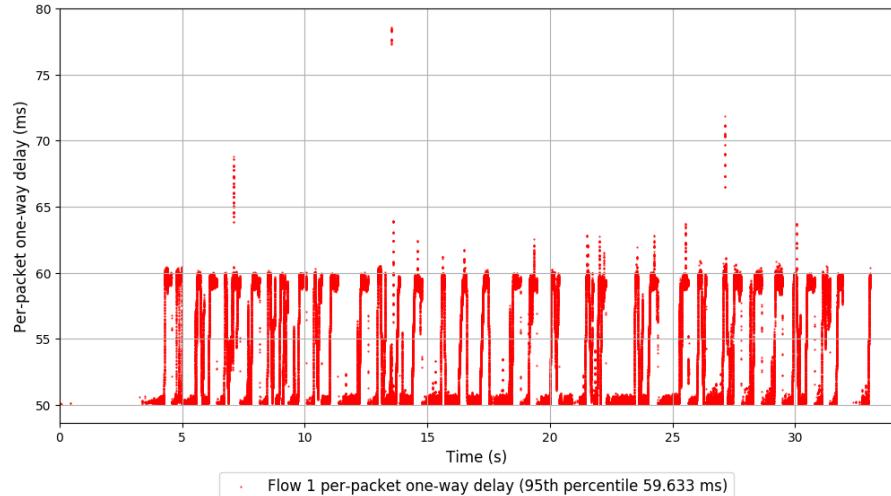
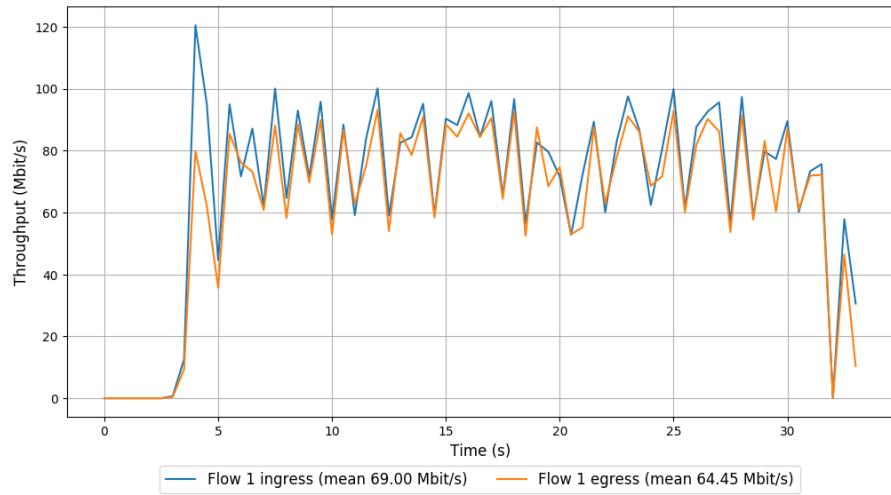


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 04:49:37 +0000
End at: Fri, 16 Jun 2017 04:50:07 +0000
Local clock offset: 1.11 ms
Remote clock offset: -6.753 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 59.633 ms
Loss rate: 6.92%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 59.633 ms
Loss rate: 6.92%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:22:30 +0000
```

```
End at: Fri, 16 Jun 2017 02:23:00 +0000
```

```
Local clock offset: 1.065 ms
```

```
Remote clock offset: 0.882 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:39 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 61.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.790 ms
```

```
Loss rate: 3.32%
```

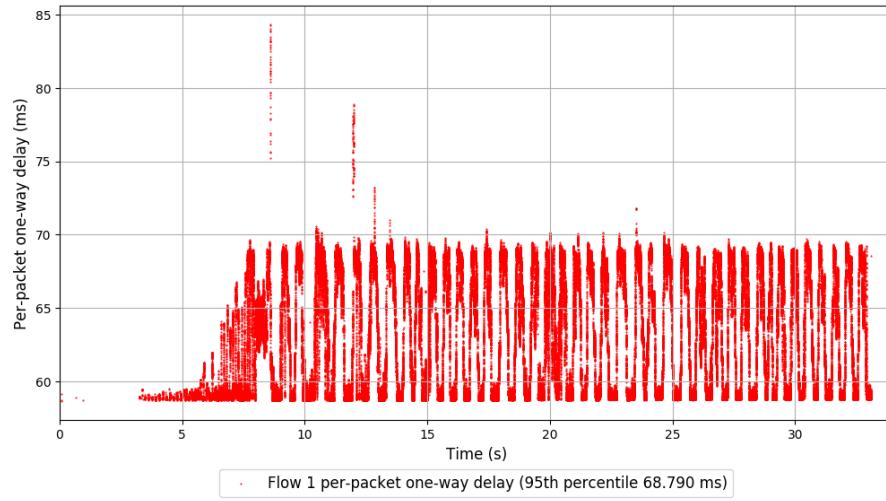
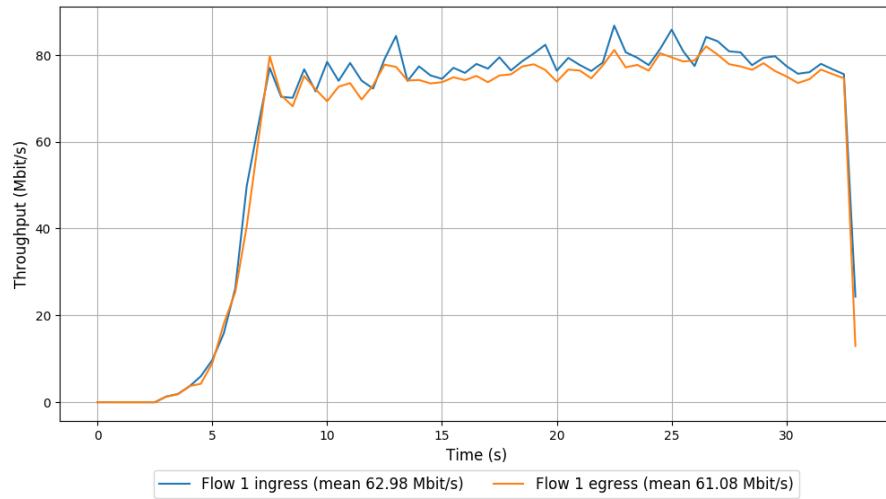
```
-- Flow 1:
```

```
Average throughput: 61.08 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.790 ms
```

```
Loss rate: 3.32%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:39:46 +0000
```

```
End at: Fri, 16 Jun 2017 02:40:16 +0000
```

```
Local clock offset: -0.233 ms
```

```
Remote clock offset: 1.89 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:45 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 63.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 69.621 ms
```

```
Loss rate: 3.89%
```

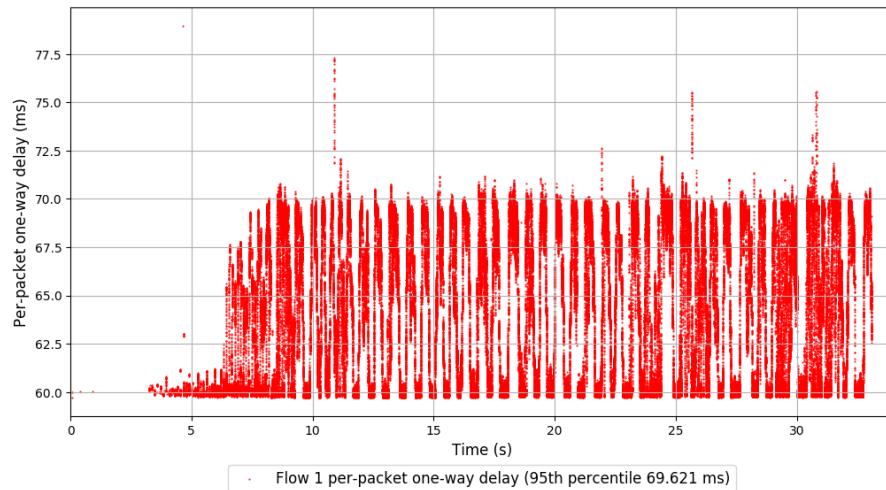
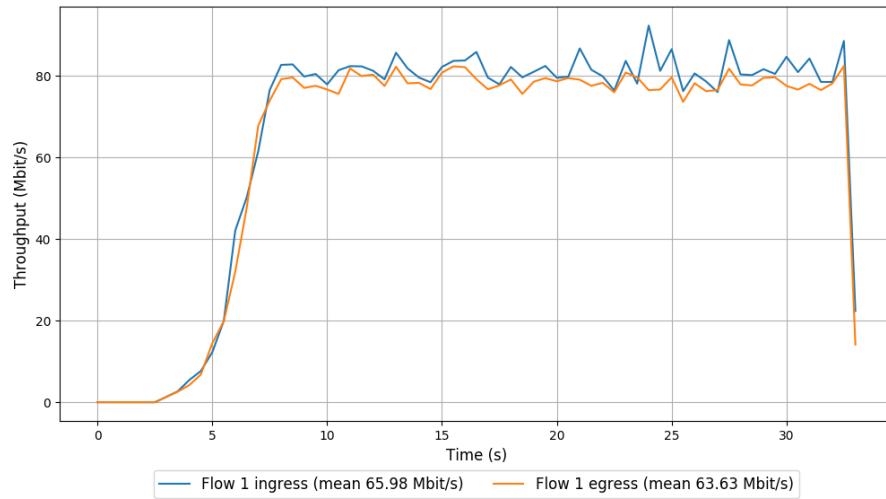
```
-- Flow 1:
```

```
Average throughput: 63.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 69.621 ms
```

```
Loss rate: 3.89%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:57:14 +0000
```

```
End at: Fri, 16 Jun 2017 02:57:44 +0000
```

```
Local clock offset: 2.025 ms
```

```
Remote clock offset: 1.452 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 63.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.429 ms
```

```
Loss rate: 4.28%
```

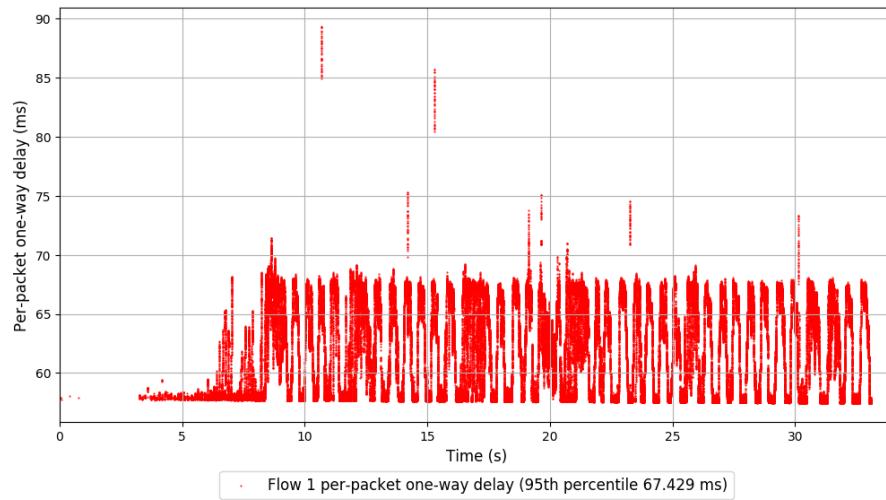
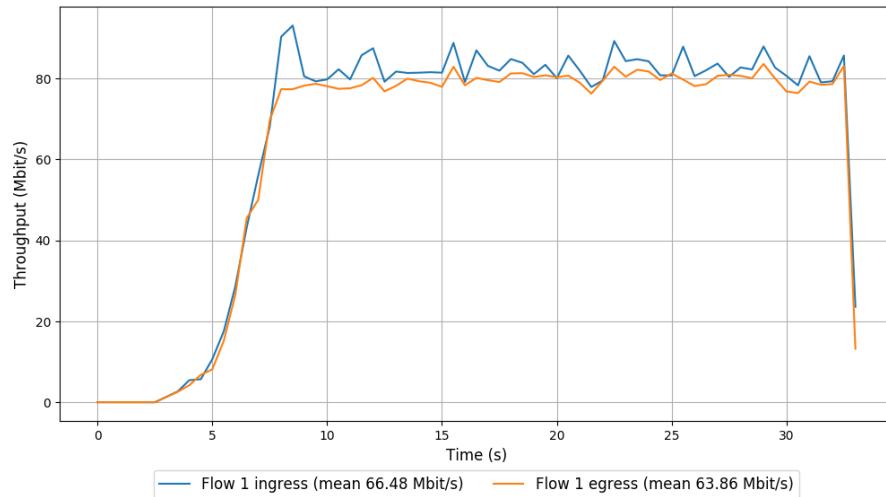
```
-- Flow 1:
```

```
Average throughput: 63.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 67.429 ms
```

```
Loss rate: 4.28%
```

Run 3: Report of CalibratedKoho — Data Link

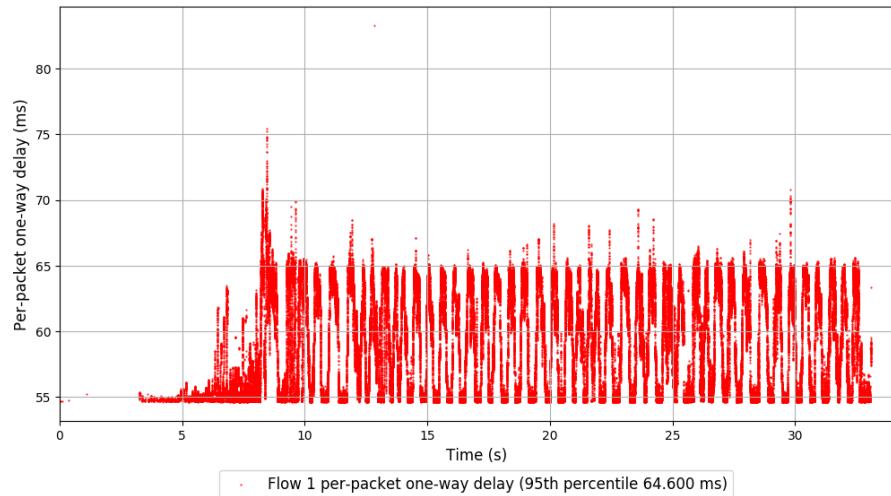
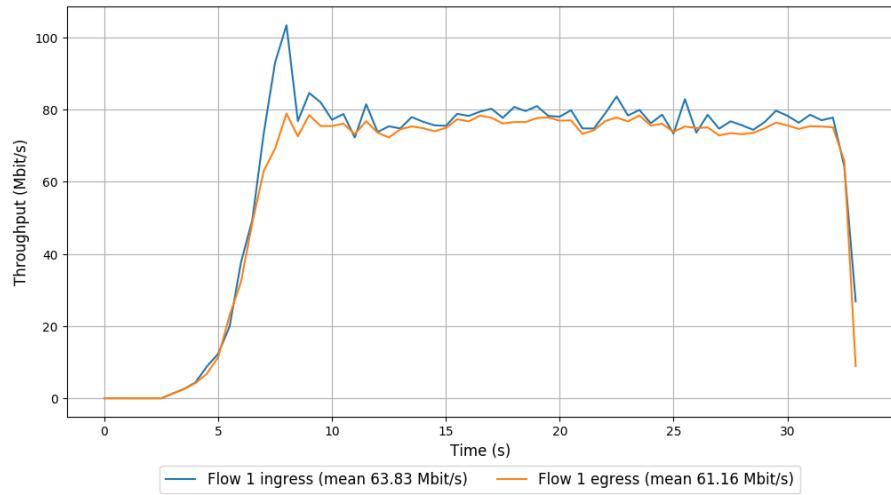


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 03:14:38 +0000
End at: Fri, 16 Jun 2017 03:15:08 +0000
Local clock offset: 4.899 ms
Remote clock offset: 1.859 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 64.600 ms
Loss rate: 4.51%
-- Flow 1:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 64.600 ms
Loss rate: 4.51%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 03:31:59 +0000
```

```
End at: Fri, 16 Jun 2017 03:32:29 +0000
```

```
Local clock offset: 5.248 ms
```

```
Remote clock offset: 1.559 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:37:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 64.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.942 ms
```

```
Loss rate: 4.22%
```

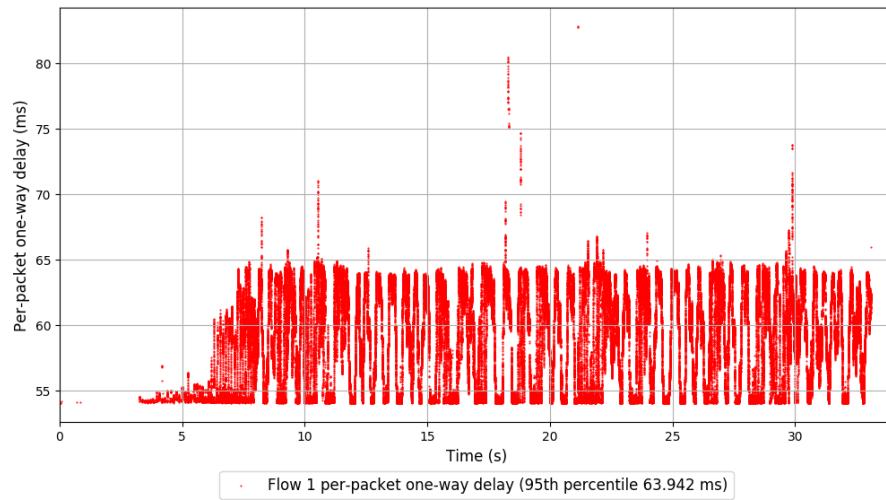
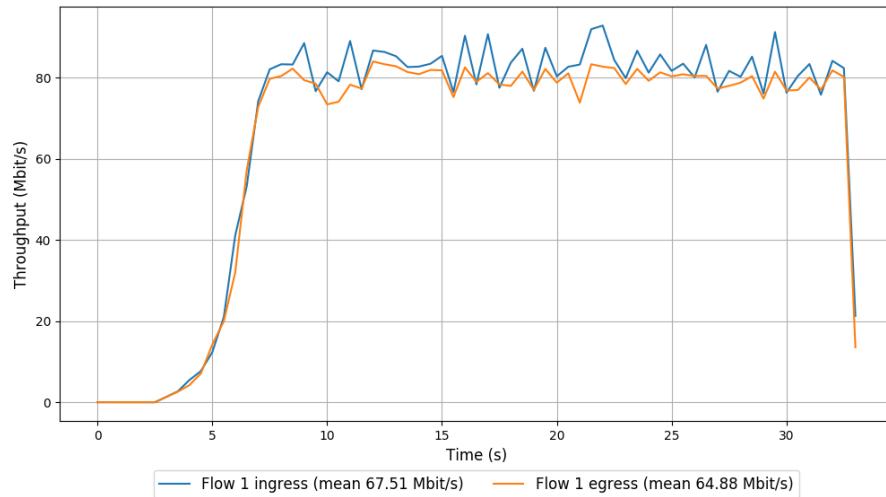
```
-- Flow 1:
```

```
Average throughput: 64.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.942 ms
```

```
Loss rate: 4.22%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 03:49:30 +0000
```

```
End at: Fri, 16 Jun 2017 03:50:00 +0000
```

```
Local clock offset: 5.571 ms
```

```
Remote clock offset: 1.074 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:04 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 60.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.876 ms
```

```
Loss rate: 8.83%
```

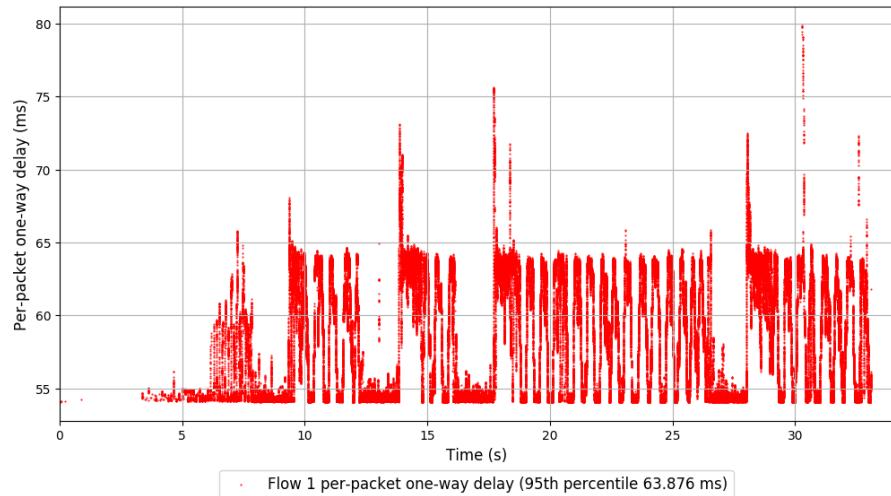
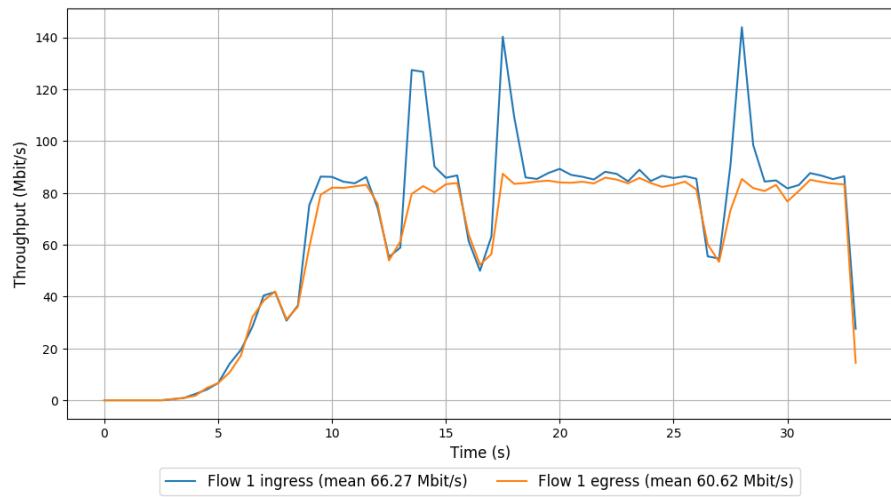
```
-- Flow 1:
```

```
Average throughput: 60.62 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.876 ms
```

```
Loss rate: 8.83%
```

Run 6: Report of CalibratedKoho — Data Link



```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 04:07:30 +0000
```

```
End at: Fri, 16 Jun 2017 04:08:00 +0000
```

```
Local clock offset: 4.446 ms
```

```
Remote clock offset: -0.056 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:10 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 69.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.868 ms
```

```
Loss rate: 3.26%
```

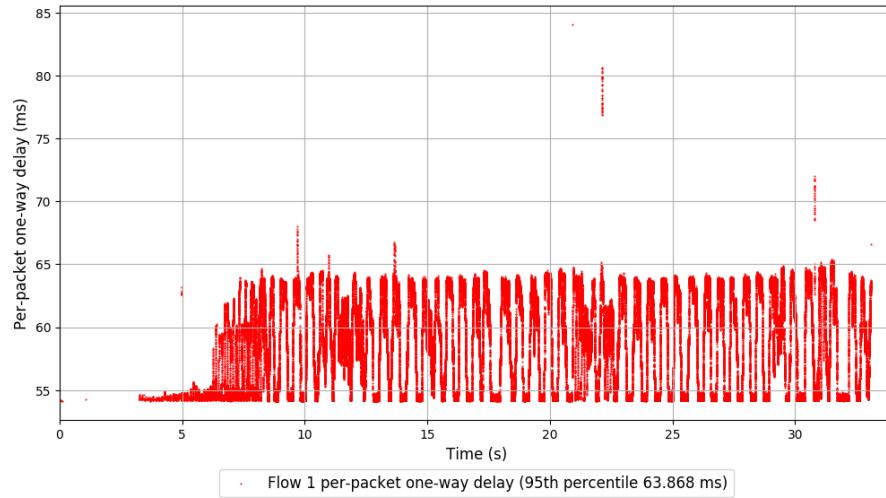
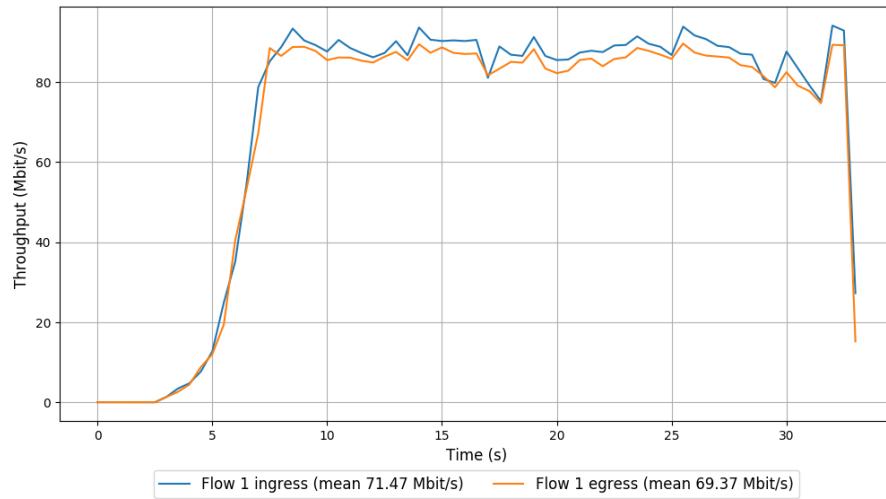
```
-- Flow 1:
```

```
Average throughput: 69.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 63.868 ms
```

```
Loss rate: 3.26%
```

Run 7: Report of CalibratedKoho — Data Link

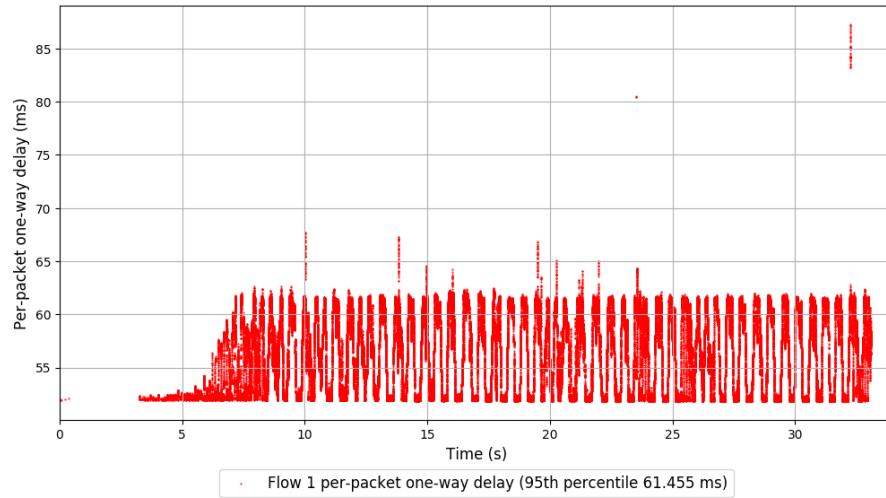
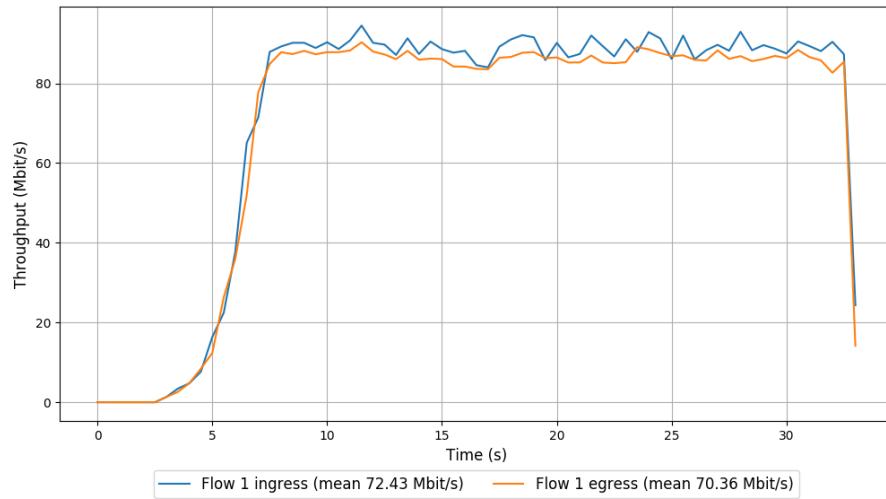


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:24:57 +0000
End at: Fri, 16 Jun 2017 04:25:27 +0000
Local clock offset: 3.322 ms
Remote clock offset: -2.539 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.36 Mbit/s
95th percentile per-packet one-way delay: 61.455 ms
Loss rate: 3.20%
-- Flow 1:
Average throughput: 70.36 Mbit/s
95th percentile per-packet one-way delay: 61.455 ms
Loss rate: 3.20%
```

Run 8: Report of CalibratedKoho — Data Link

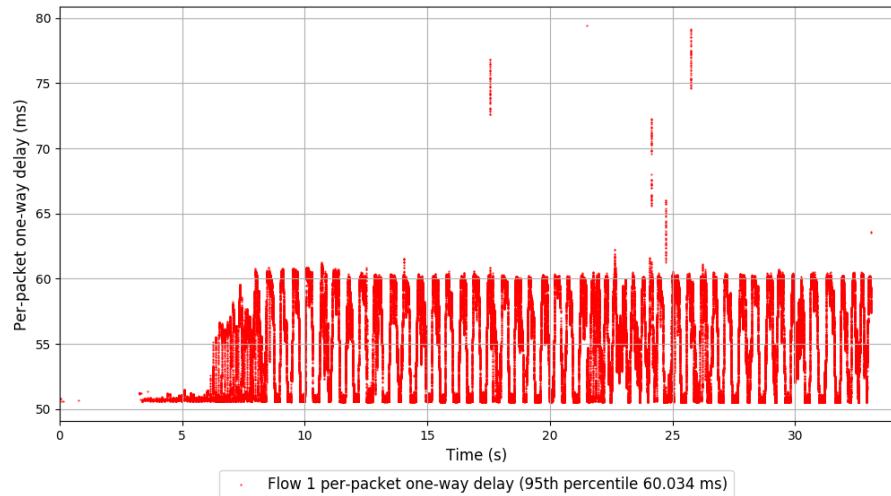
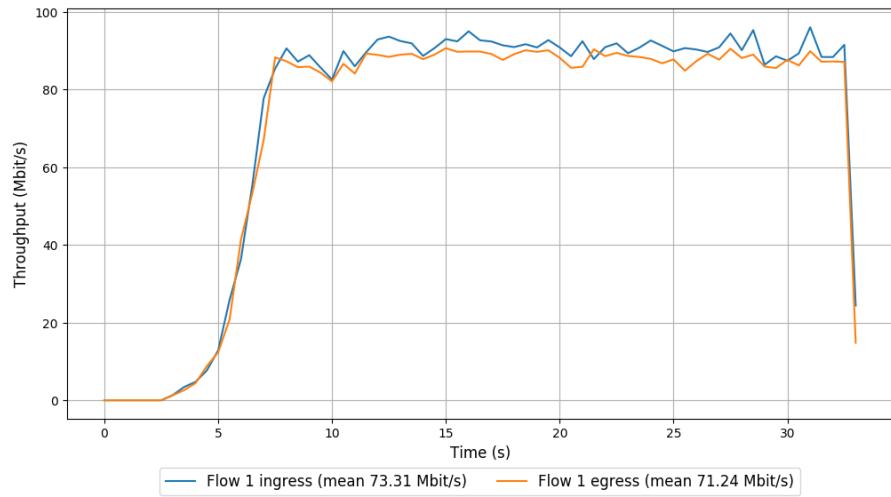


Run 9: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 04:42:29 +0000
End at: Fri, 16 Jun 2017 04:42:59 +0000
Local clock offset: 1.641 ms
Remote clock offset: -6.085 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.24 Mbit/s
95th percentile per-packet one-way delay: 60.034 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 71.24 Mbit/s
95th percentile per-packet one-way delay: 60.034 ms
Loss rate: 3.15%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 05:00:04 +0000
```

```
End at: Fri, 16 Jun 2017 05:00:34 +0000
```

```
Local clock offset: 0.344 ms
```

```
Remote clock offset: -6.311 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 75.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.435 ms
```

```
Loss rate: 3.81%
```

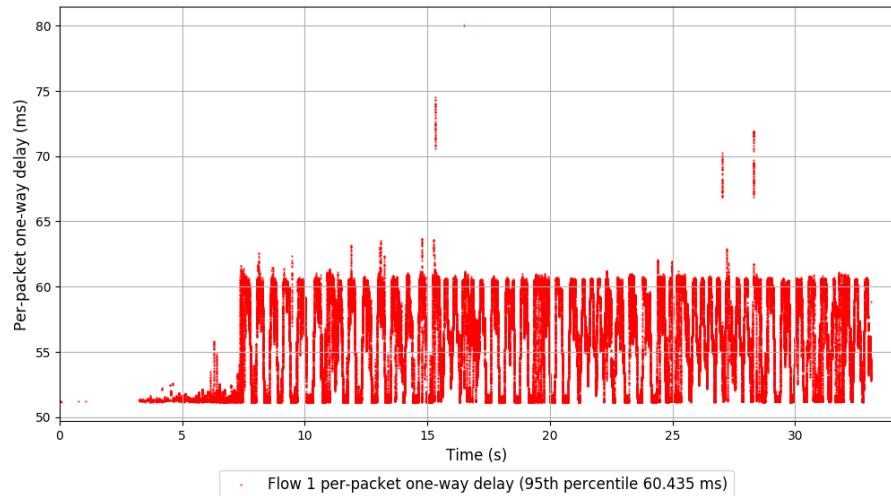
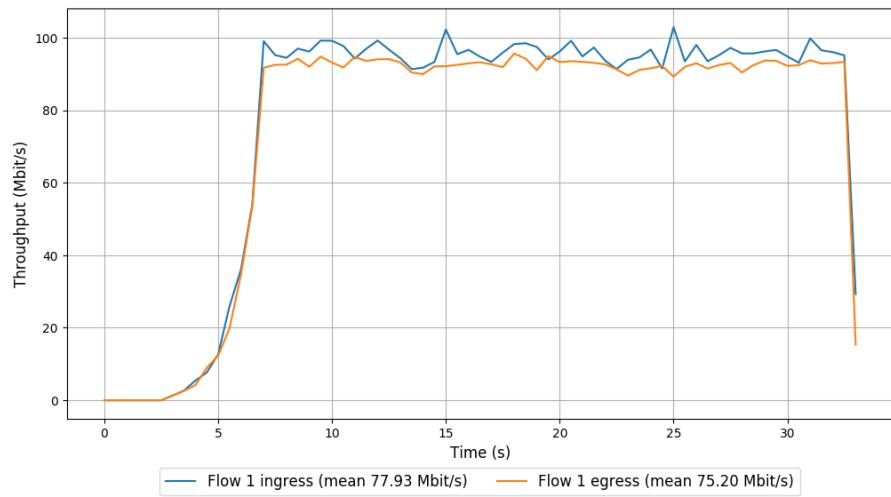
```
-- Flow 1:
```

```
Average throughput: 75.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.435 ms
```

```
Loss rate: 3.81%
```

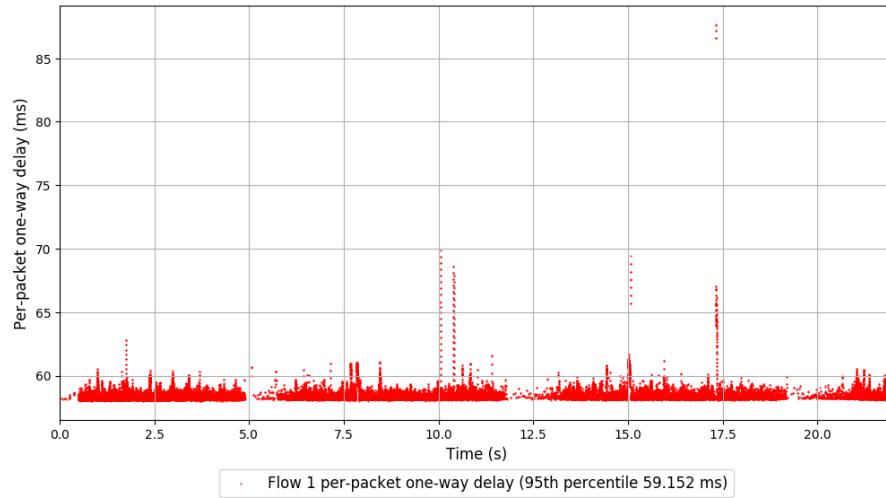
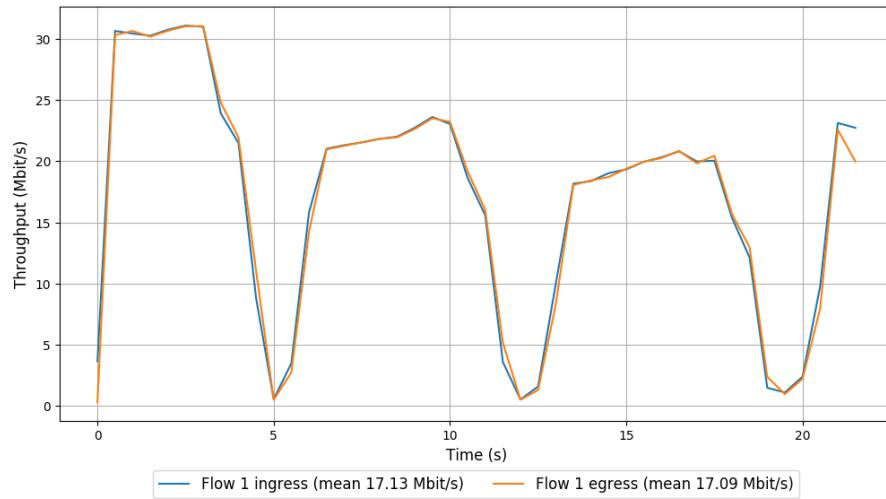
Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Fri, 16 Jun 2017 02:21:22 +0000
End at: Fri, 16 Jun 2017 02:21:52 +0000
Local clock offset: 1.145 ms
Remote clock offset: 1.2 ms

Run 1: Report of Copa — Data Link

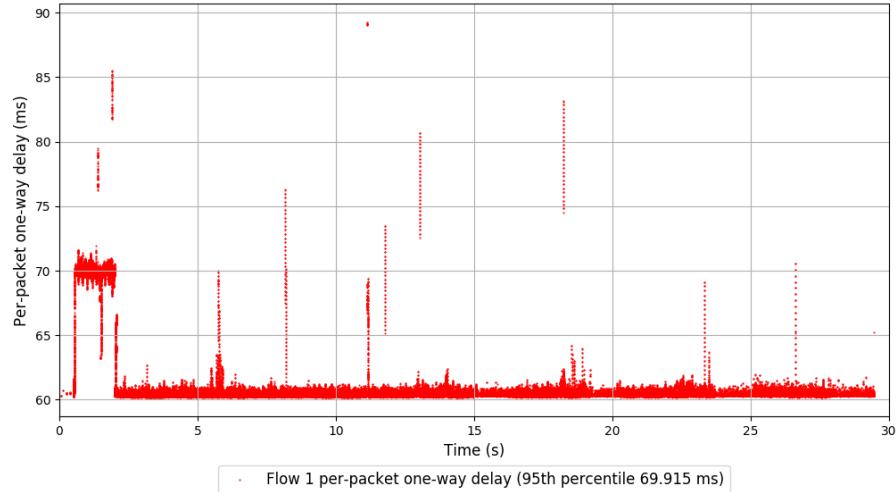
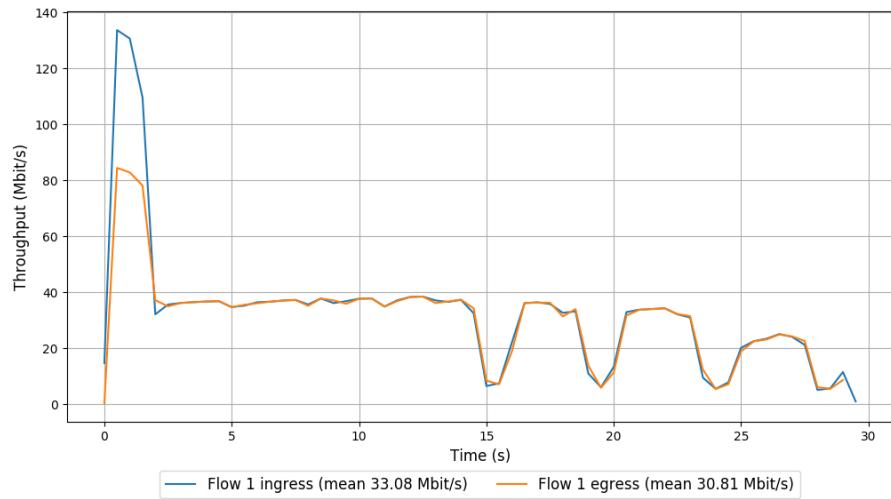


Run 2: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:38:36 +0000
End at: Fri, 16 Jun 2017 02:39:06 +0000
Local clock offset: -0.197 ms
Remote clock offset: 1.83 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 69.915 ms
Loss rate: 7.23%
-- Flow 1:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 69.915 ms
Loss rate: 7.23%
```

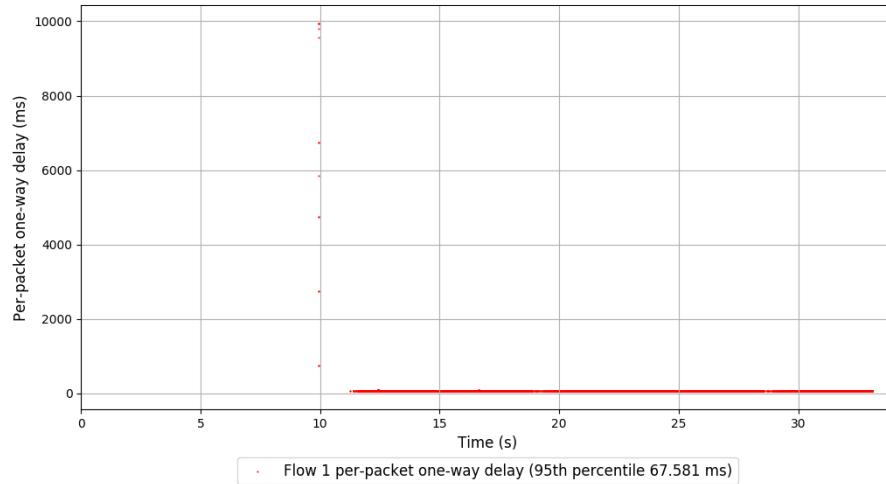
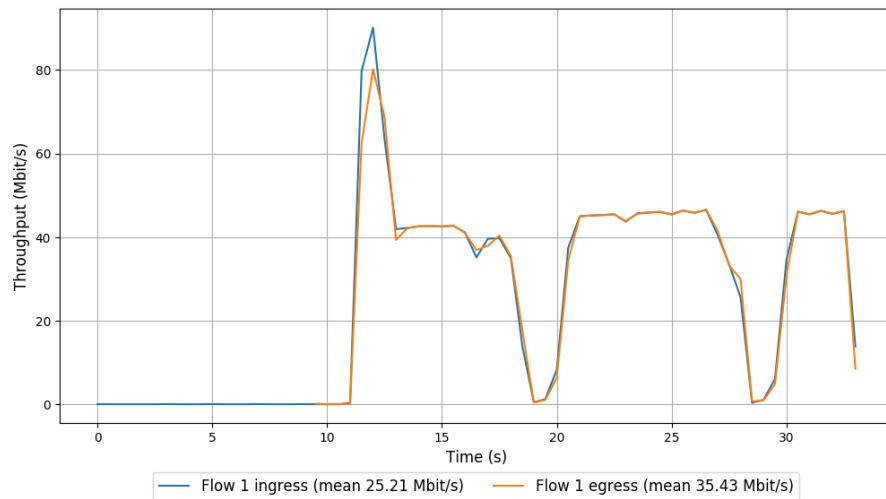
Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Fri, 16 Jun 2017 02:56:04 +0000
End at: Fri, 16 Jun 2017 02:56:34 +0000
Local clock offset: 1.451 ms
Remote clock offset: 1.707 ms

Run 3: Report of Copa — Data Link

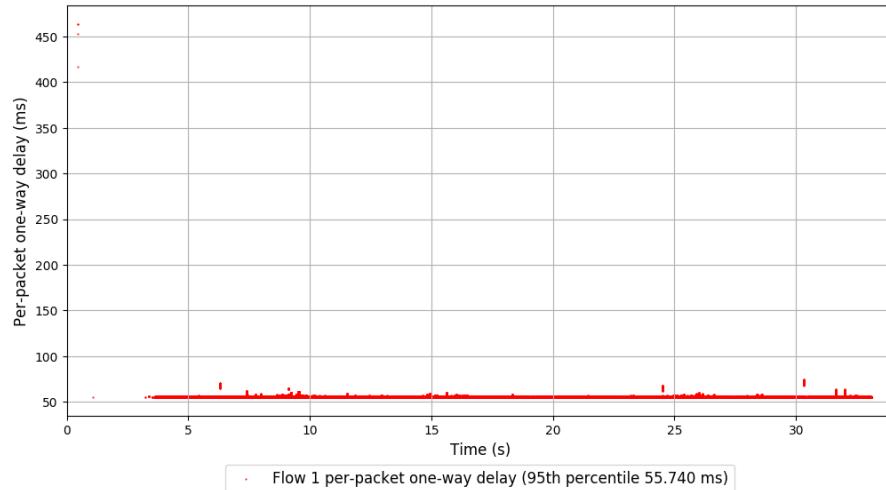
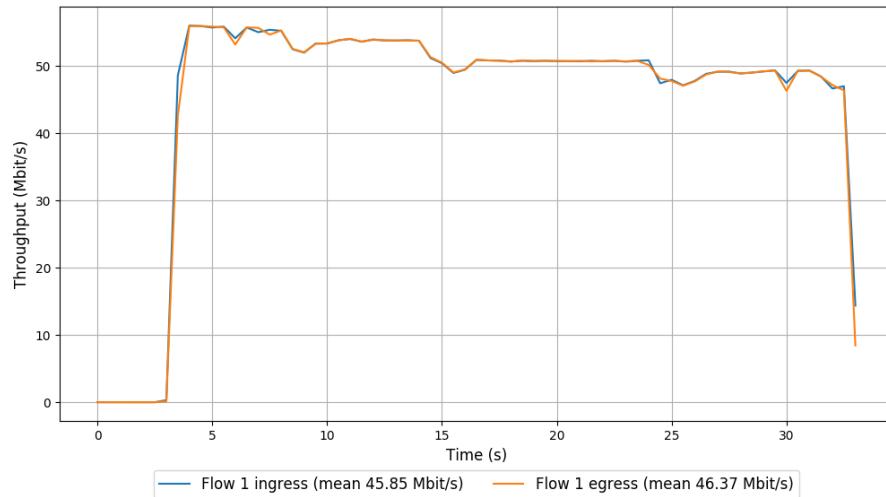


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:13:24 +0000
End at: Fri, 16 Jun 2017 03:13:54 +0000
Local clock offset: 4.846 ms
Remote clock offset: 1.515 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 55.740 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 55.740 ms
Loss rate: 0.47%
```

Run 4: Report of Copa — Data Link

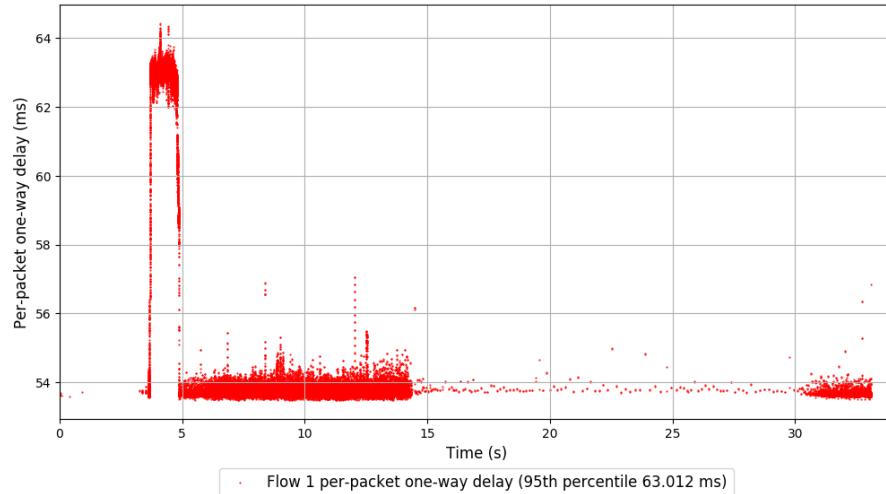
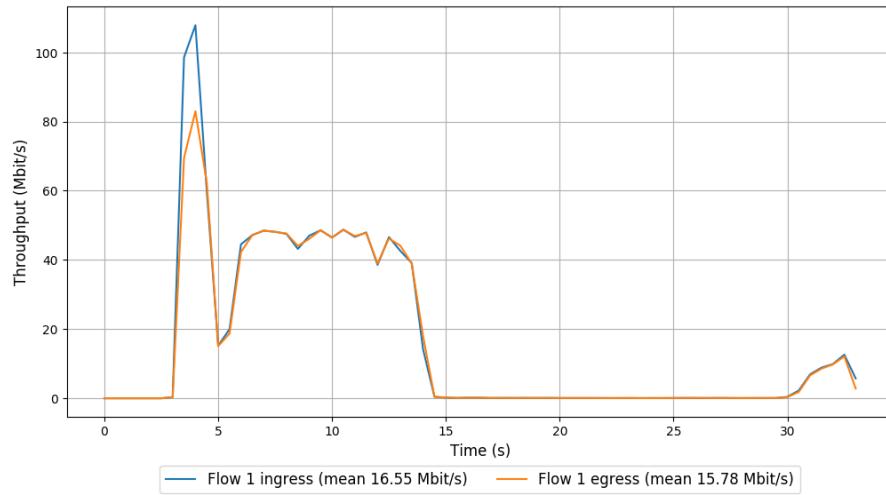


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:30:51 +0000
End at: Fri, 16 Jun 2017 03:31:21 +0000
Local clock offset: 5.228 ms
Remote clock offset: 1.776 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 63.012 ms
Loss rate: 4.97%
-- Flow 1:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 63.012 ms
Loss rate: 4.97%
```

Run 5: Report of Copa — Data Link

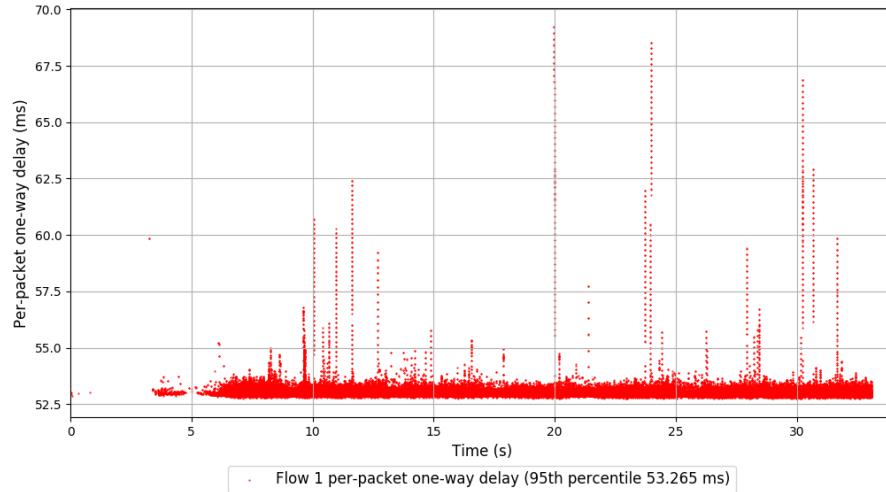
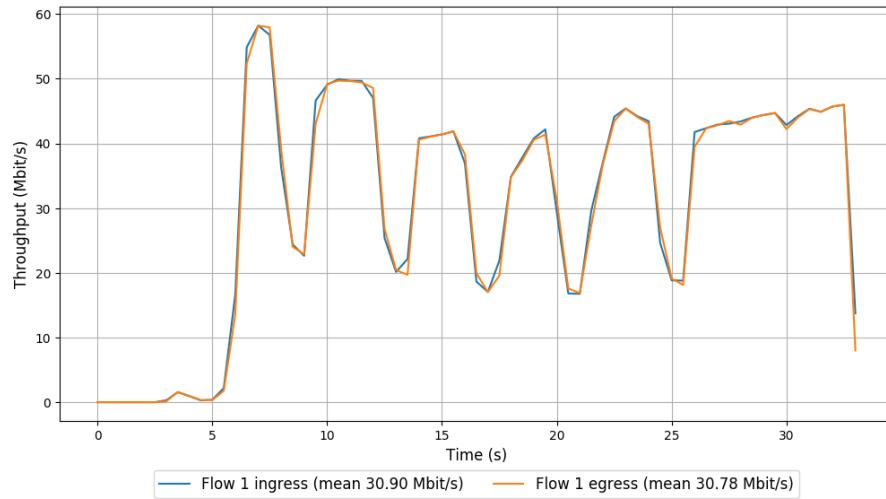


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 03:48:17 +0000
End at: Fri, 16 Jun 2017 03:48:47 +0000
Local clock offset: 5.465 ms
Remote clock offset: 1.564 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:38:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 53.265 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 53.265 ms
Loss rate: 0.75%
```

Run 6: Report of Copa — Data Link

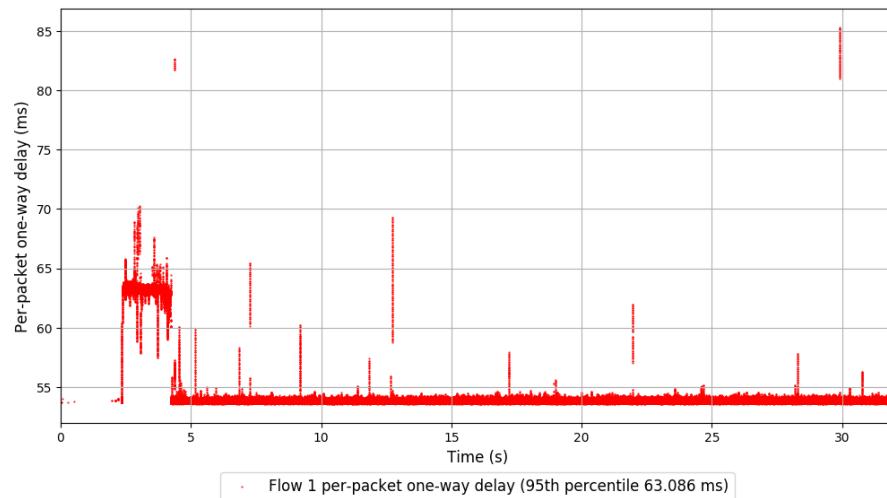
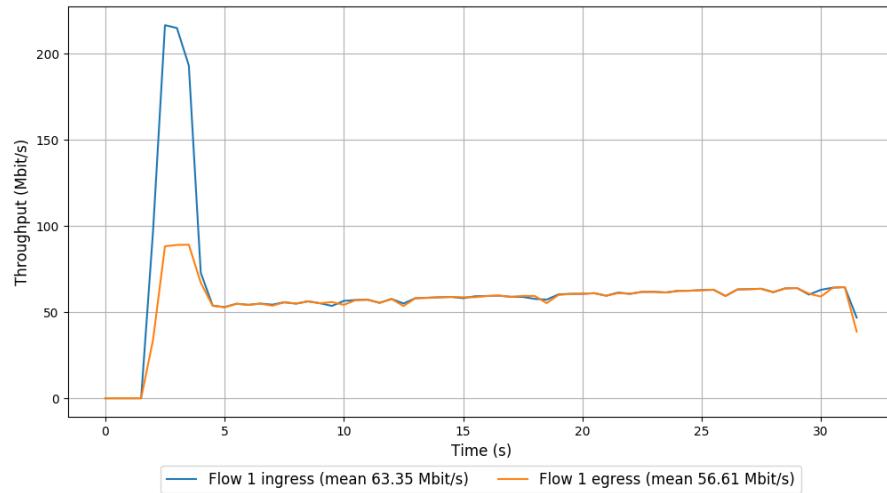


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:06:15 +0000
End at: Fri, 16 Jun 2017 04:06:45 +0000
Local clock offset: 4.553 ms
Remote clock offset: -0.005 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 63.086 ms
Loss rate: 10.96%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 63.086 ms
Loss rate: 10.96%
```

Run 7: Report of Copa — Data Link

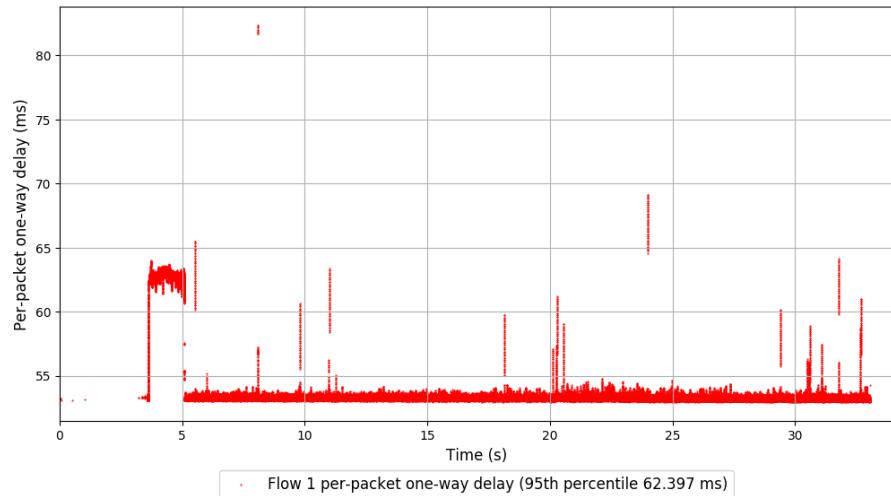
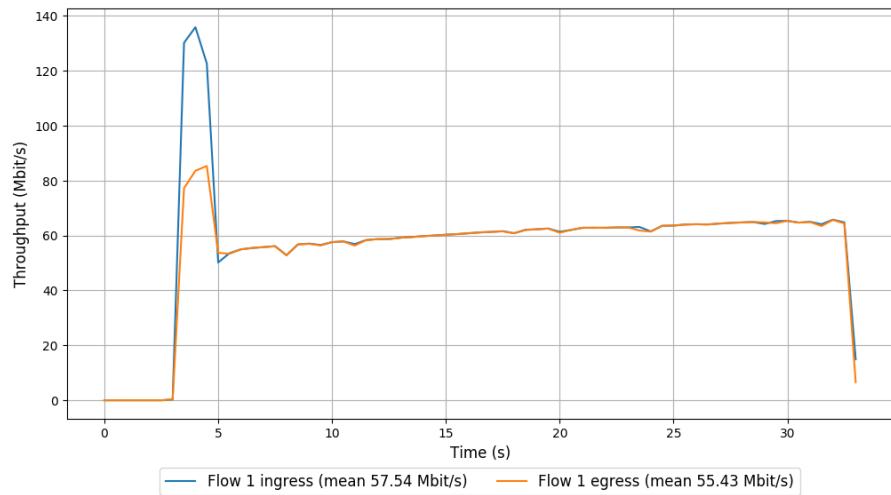


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:23:42 +0000
End at: Fri, 16 Jun 2017 04:24:12 +0000
Local clock offset: 3.423 ms
Remote clock offset: -2.328 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 62.397 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 62.397 ms
Loss rate: 4.00%
```

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

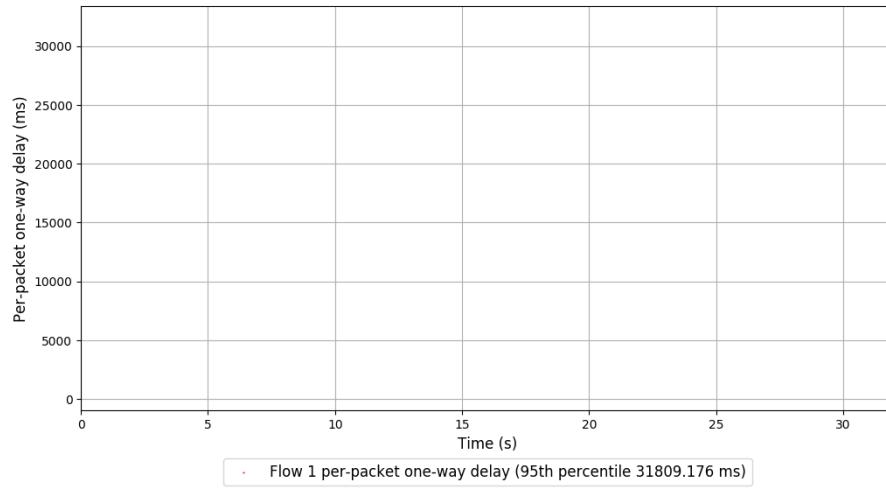
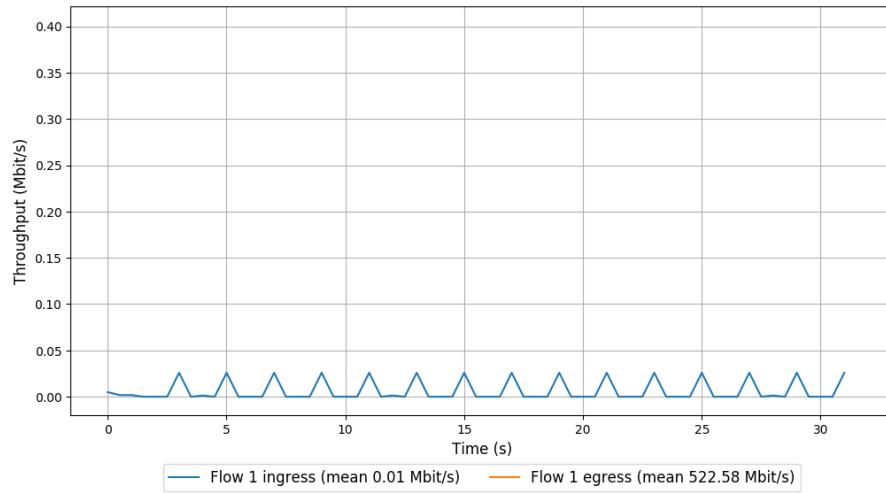
Start at: Fri, 16 Jun 2017 04:41:23 +0000

End at: Fri, 16 Jun 2017 04:41:53 +0000

Local clock offset: 1.743 ms

Remote clock offset: -5.432 ms

Run 9: Report of Copa — Data Link

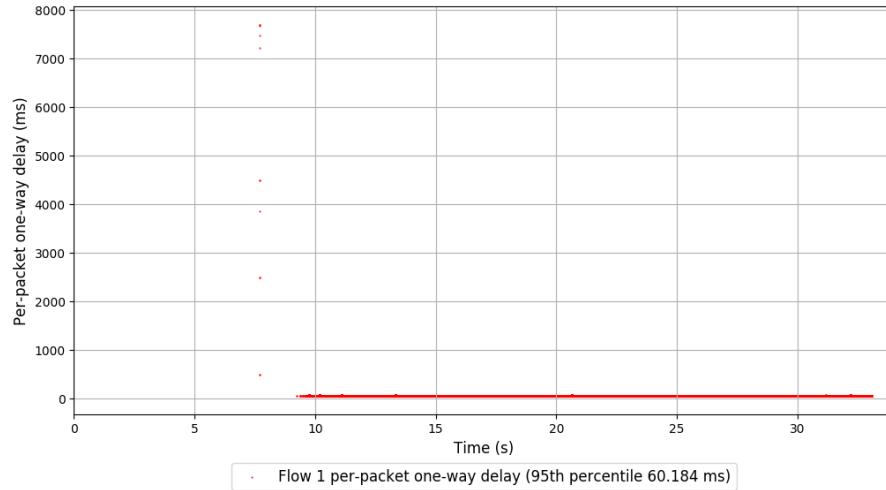
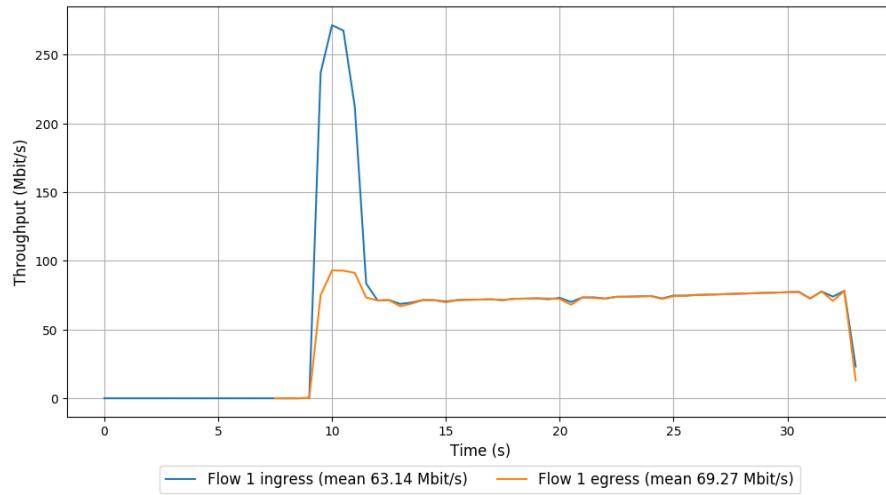


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 04:58:49 +0000
End at: Fri, 16 Jun 2017 04:59:19 +0000
Local clock offset: 0.424 ms
Remote clock offset: -6.591 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 60.184 ms
Loss rate: 15.93%
-- Flow 1:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 60.184 ms
Loss rate: 15.93%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:13:29 +0000
```

```
End at: Fri, 16 Jun 2017 02:13:59 +0000
```

```
Local clock offset: 1.789 ms
```

```
Remote clock offset: -1.78 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 28.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.888 ms
```

```
Loss rate: 1.86%
```

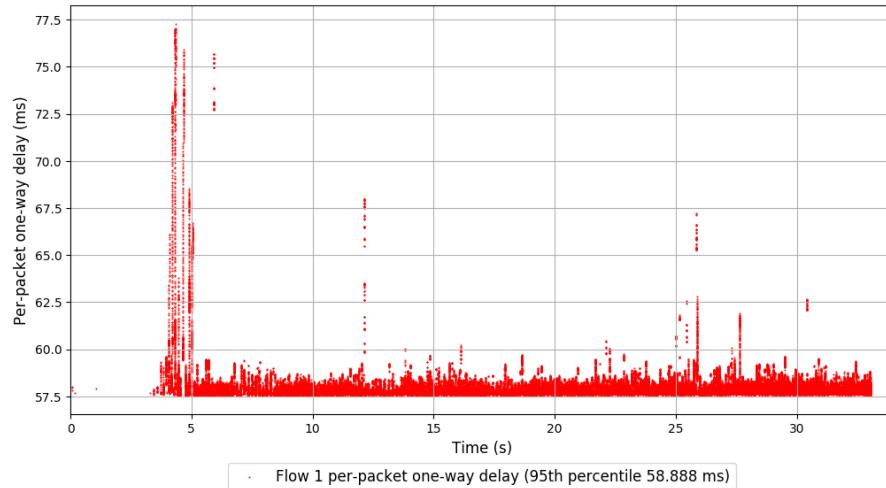
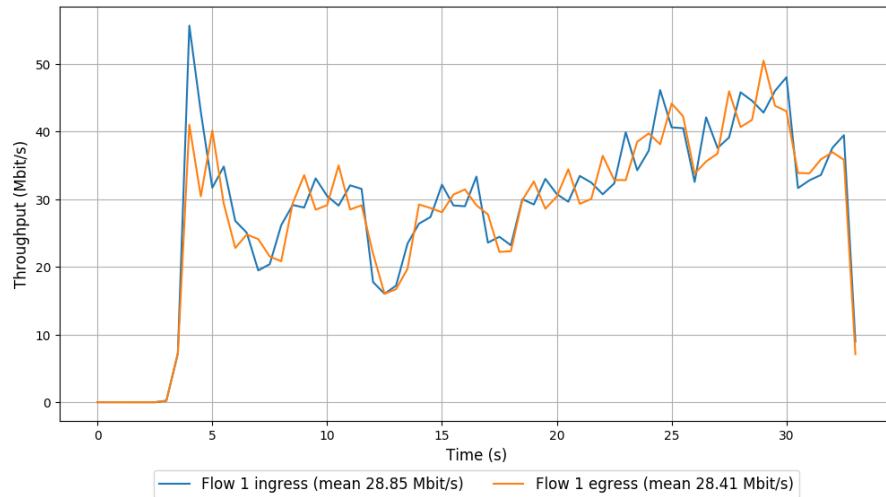
```
-- Flow 1:
```

```
Average throughput: 28.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.888 ms
```

```
Loss rate: 1.86%
```

Run 1: Report of TCP Cubic — Data Link

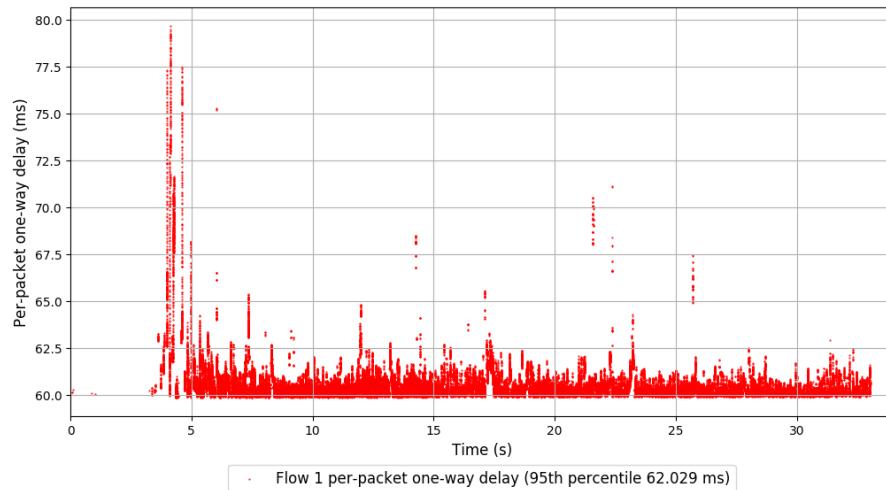
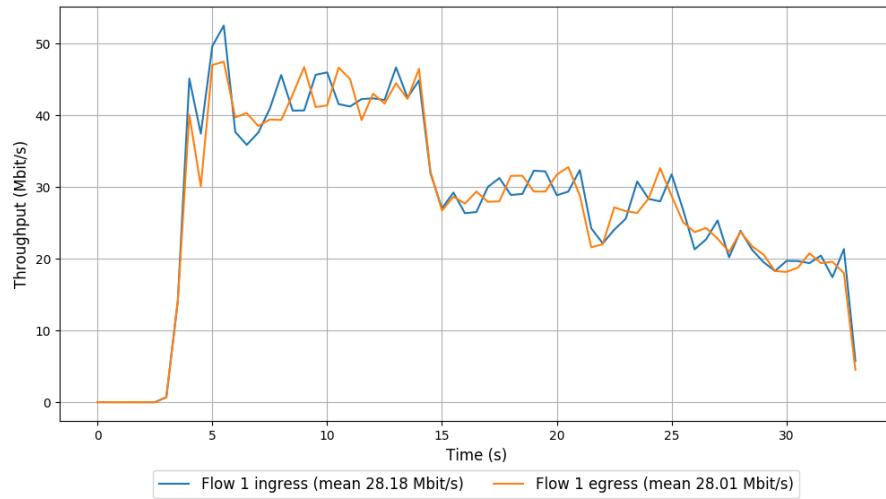


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:30:48 +0000
End at: Fri, 16 Jun 2017 02:31:18 +0000
Local clock offset: 0.053 ms
Remote clock offset: 1.409 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 62.029 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 62.029 ms
Loss rate: 1.03%
```

Run 2: Report of TCP Cubic — Data Link

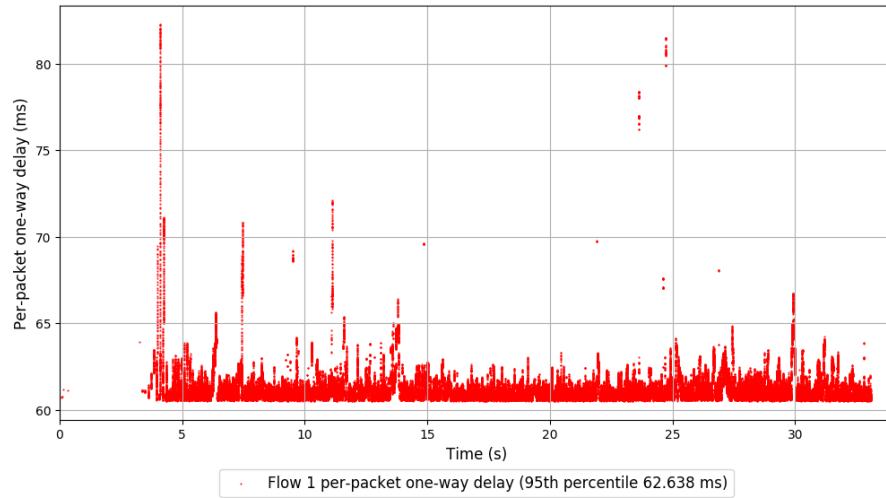
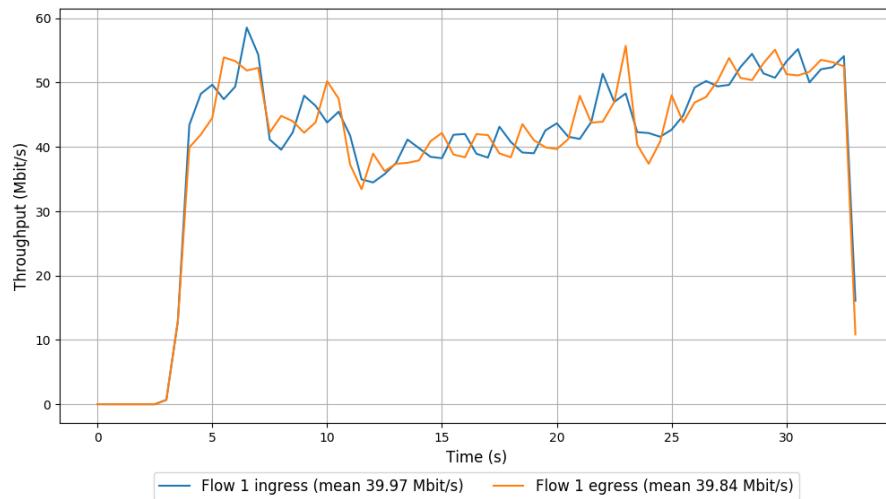


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:48:11 +0000
End at: Fri, 16 Jun 2017 02:48:41 +0000
Local clock offset: -0.307 ms
Remote clock offset: 1.646 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 62.638 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 62.638 ms
Loss rate: 0.67%
```

Run 3: Report of TCP Cubic — Data Link

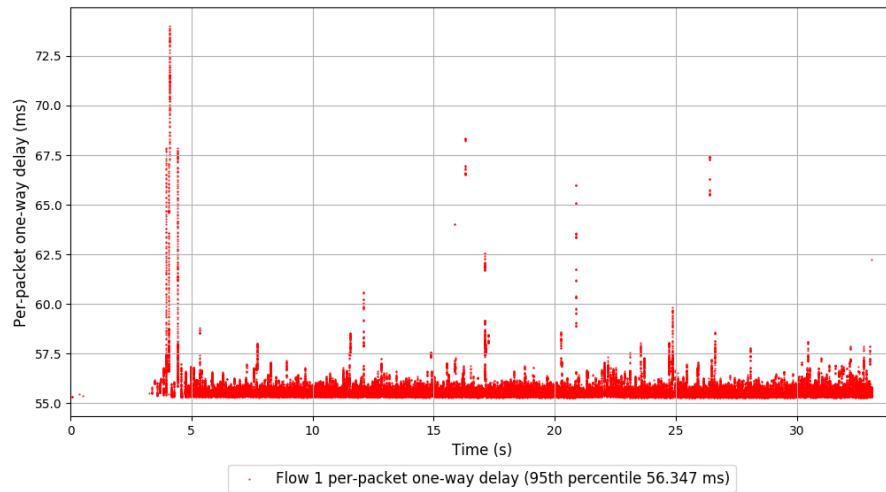
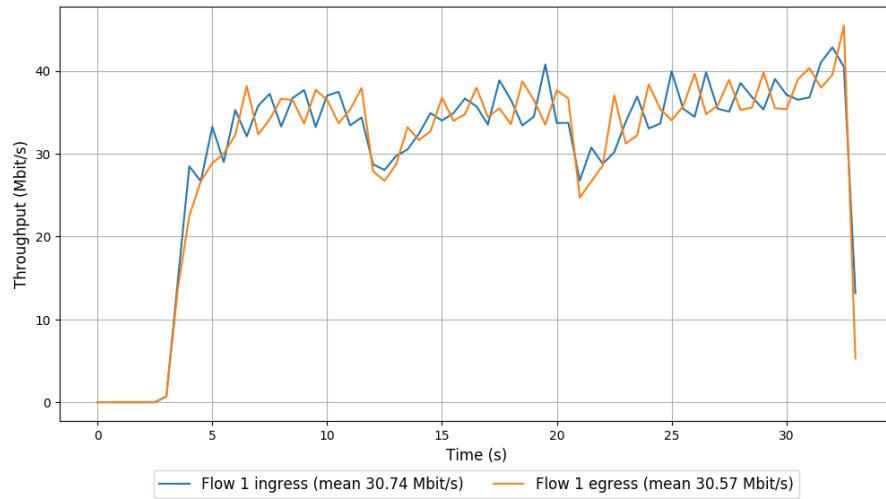


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:05:33 +0000
End at: Fri, 16 Jun 2017 03:06:03 +0000
Local clock offset: 4.298 ms
Remote clock offset: 1.623 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 56.347 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 56.347 ms
Loss rate: 0.90%
```

Run 4: Report of TCP Cubic — Data Link

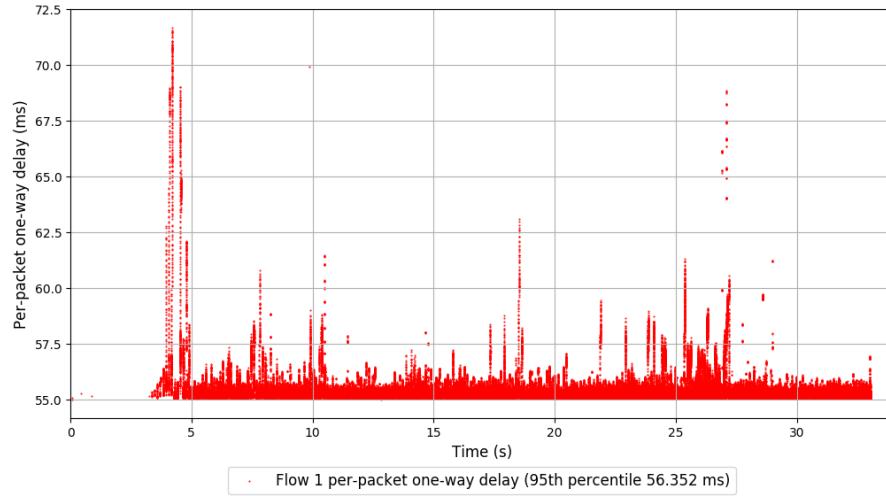
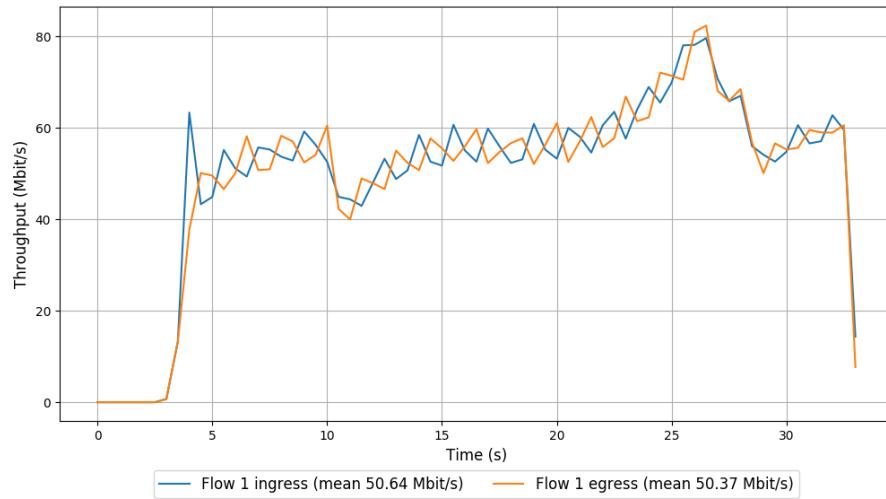


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:23:02 +0000
End at: Fri, 16 Jun 2017 03:23:32 +0000
Local clock offset: 5.051 ms
Remote clock offset: 1.58 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.37 Mbit/s
95th percentile per-packet one-way delay: 56.352 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 50.37 Mbit/s
95th percentile per-packet one-way delay: 56.352 ms
Loss rate: 0.88%
```

Run 5: Report of TCP Cubic — Data Link

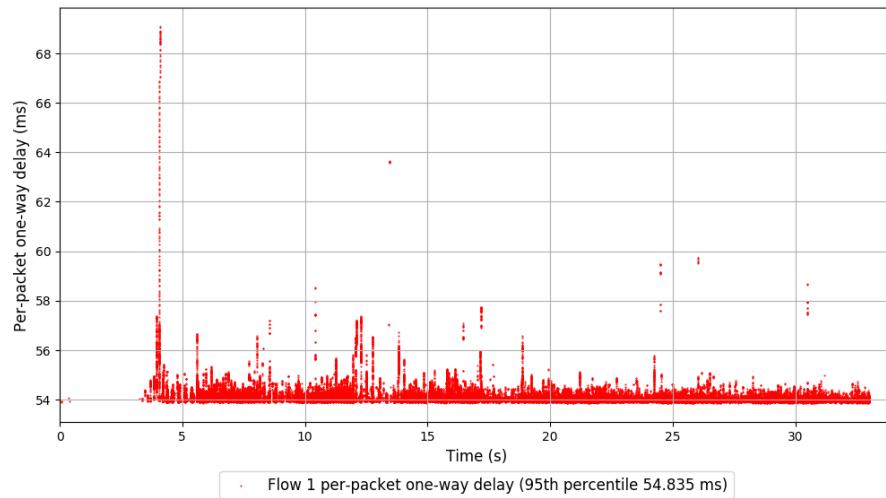
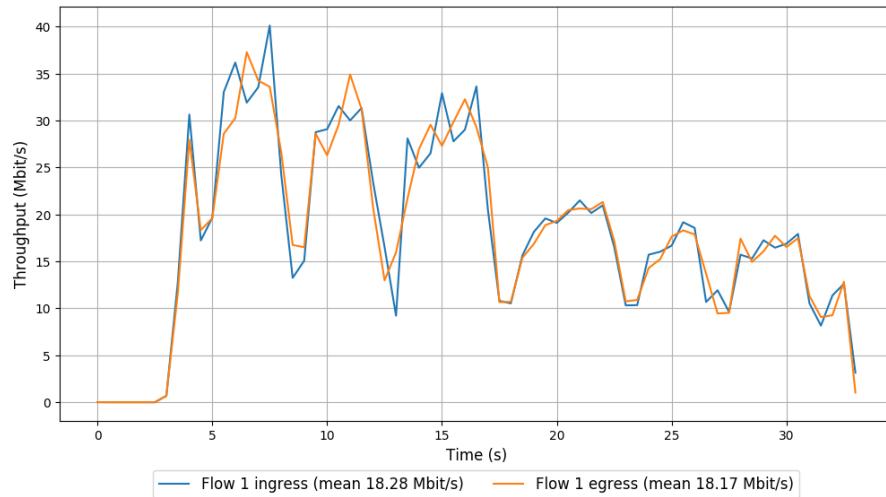


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:40:24 +0000
End at: Fri, 16 Jun 2017 03:40:54 +0000
Local clock offset: 5.417 ms
Remote clock offset: 1.807 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.17 Mbit/s
95th percentile per-packet one-way delay: 54.835 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 18.17 Mbit/s
95th percentile per-packet one-way delay: 54.835 ms
Loss rate: 0.97%
```

Run 6: Report of TCP Cubic — Data Link

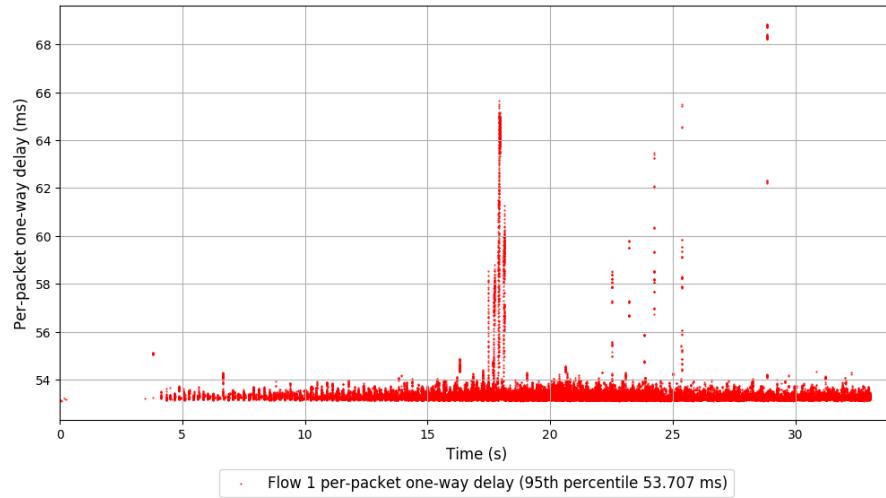
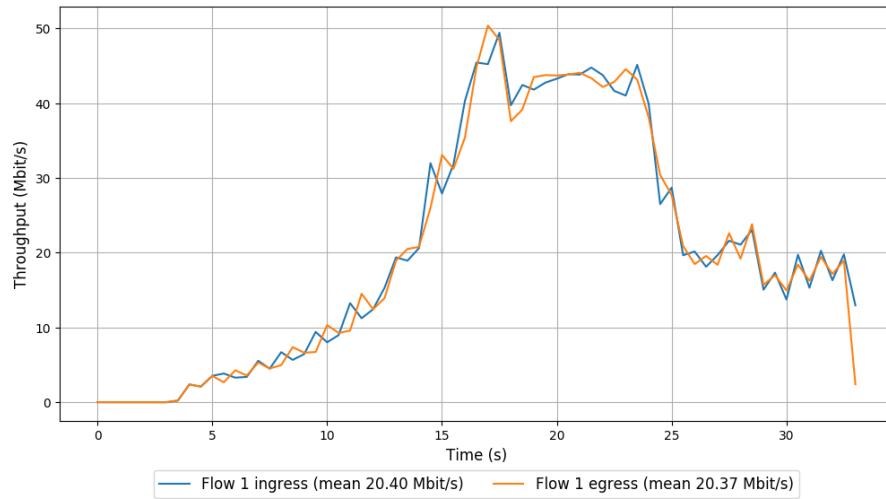


Run 7: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 03:58:17 +0000
End at: Fri, 16 Jun 2017 03:58:47 +0000
Local clock offset: 5.648 ms
Remote clock offset: -111.445 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 53.707 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 53.707 ms
Loss rate: 1.12%
```

Run 7: Report of TCP Cubic — Data Link

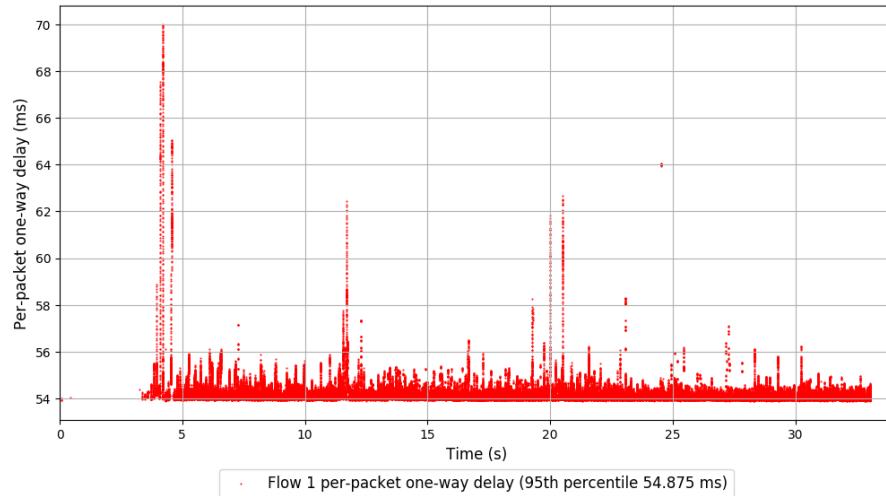
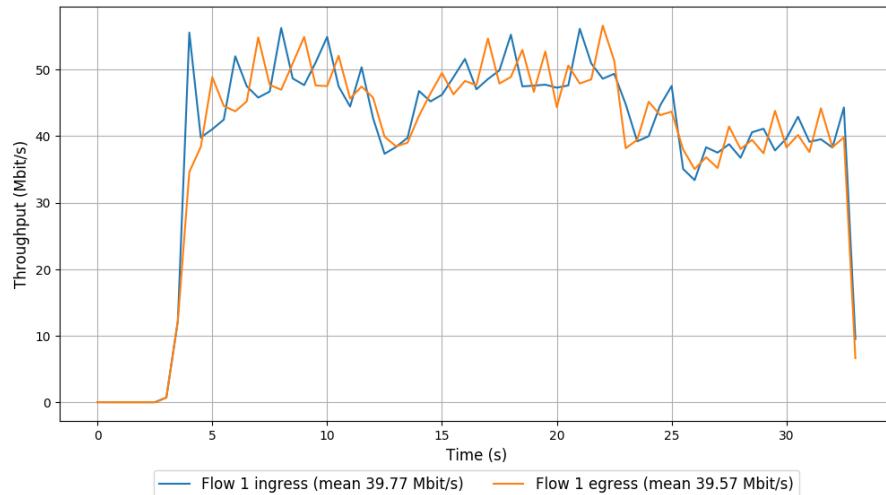


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:15:50 +0000
End at: Fri, 16 Jun 2017 04:16:20 +0000
Local clock offset: 3.931 ms
Remote clock offset: -1.004 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 54.875 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 54.875 ms
Loss rate: 0.85%
```

Run 8: Report of TCP Cubic — Data Link

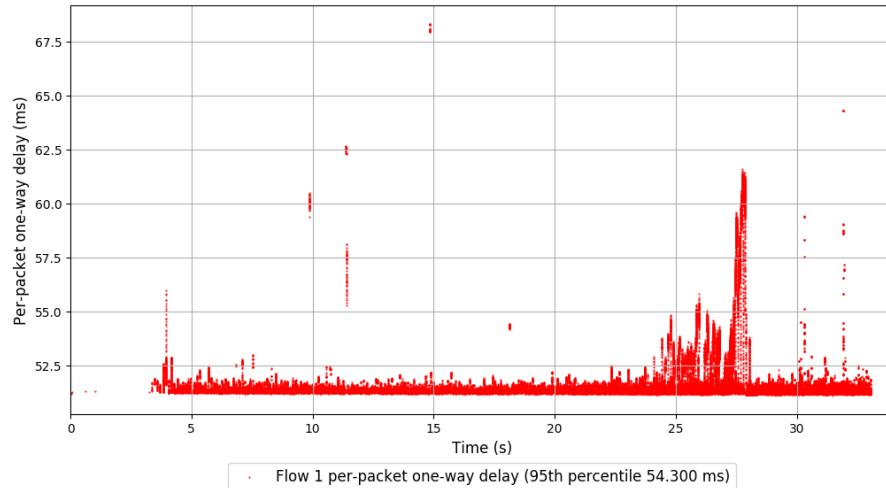
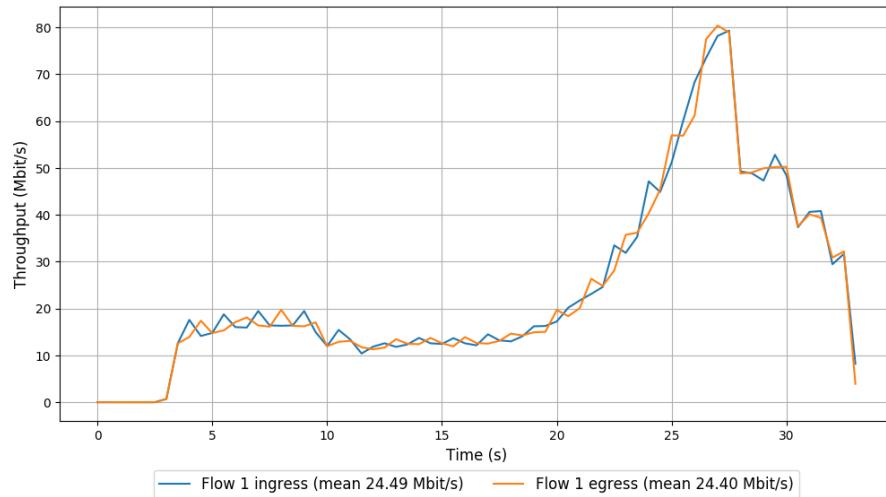


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 04:33:32 +0000
End at: Fri, 16 Jun 2017 04:34:02 +0000
Local clock offset: 2.935 ms
Remote clock offset: -3.896 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 54.300 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 54.300 ms
Loss rate: 0.71%
```

Run 9: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 04:50:57 +0000
```

```
End at: Fri, 16 Jun 2017 04:51:27 +0000
```

```
Local clock offset: 0.927 ms
```

```
Remote clock offset: -6.92 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:40 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 23.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.760 ms
```

```
Loss rate: 1.01%
```

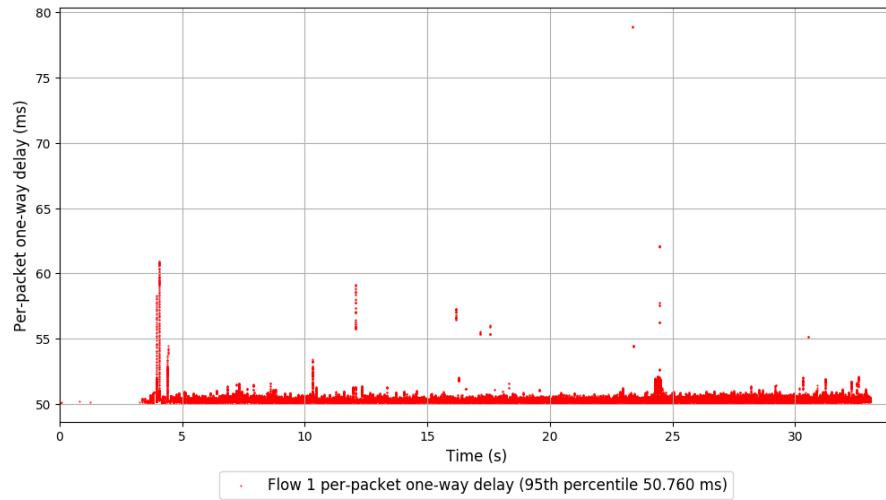
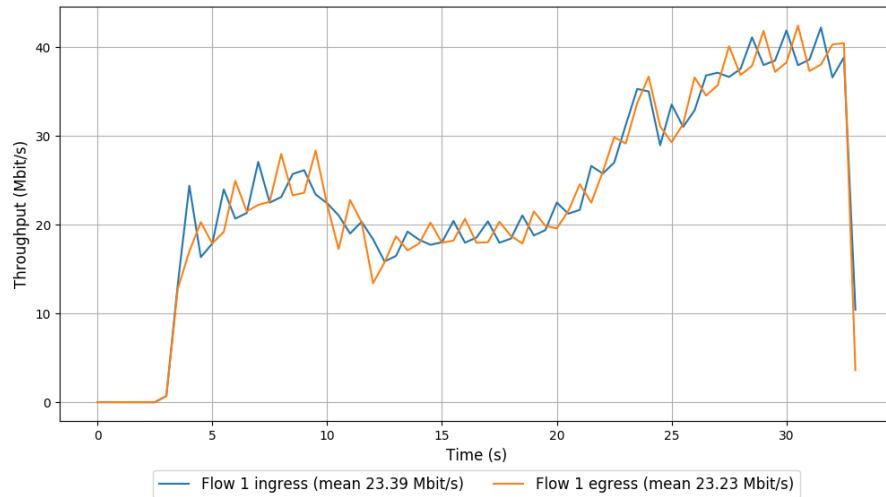
```
-- Flow 1:
```

```
Average throughput: 23.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.760 ms
```

```
Loss rate: 1.01%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:09:43 +0000
```

```
End at: Fri, 16 Jun 2017 02:10:13 +0000
```

```
Local clock offset: 1.877 ms
```

```
Remote clock offset: 0.805 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:40 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 7.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.237 ms
```

```
Loss rate: 0.87%
```

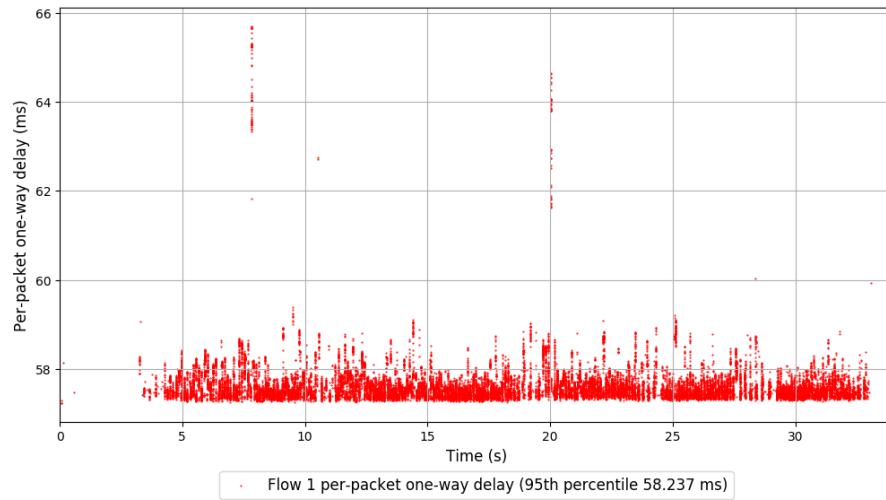
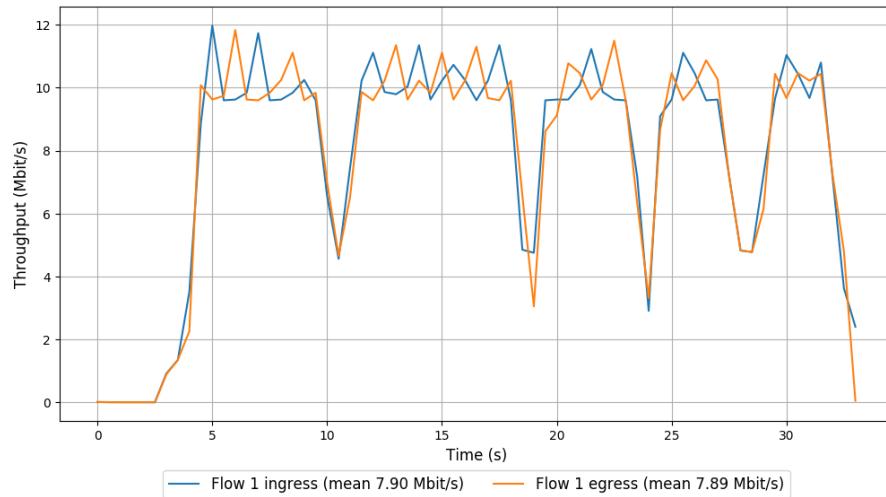
```
-- Flow 1:
```

```
Average throughput: 7.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.237 ms
```

```
Loss rate: 0.87%
```

Run 1: Report of KohoCC — Data Link

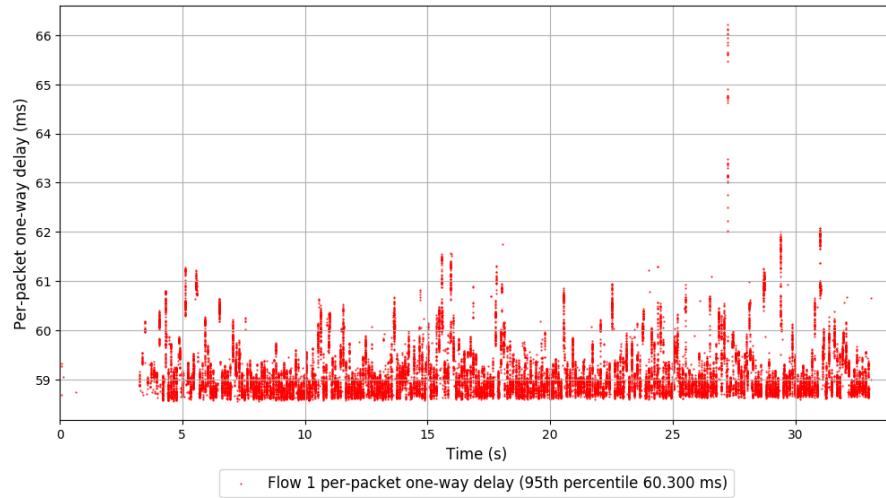
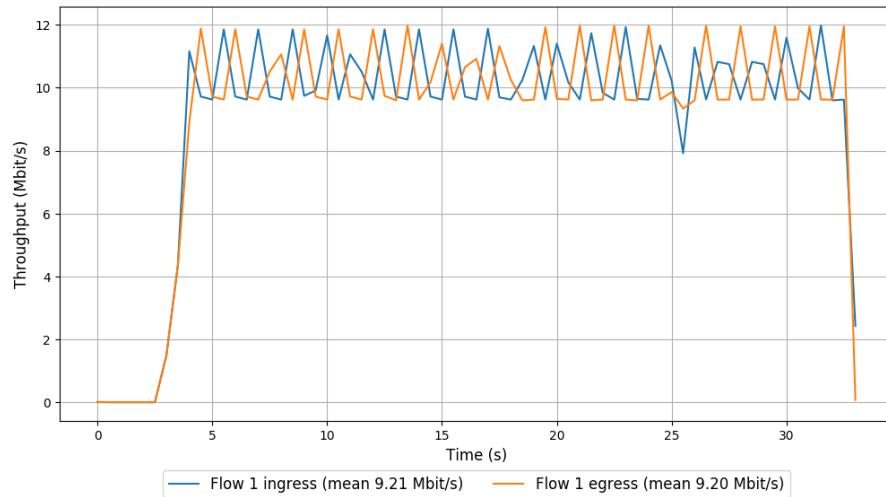


Run 2: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:27:21 +0000
End at: Fri, 16 Jun 2017 02:27:51 +0000
Local clock offset: 0.352 ms
Remote clock offset: 1.731 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 60.300 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 60.300 ms
Loss rate: 0.39%
```

Run 2: Report of KohoCC — Data Link

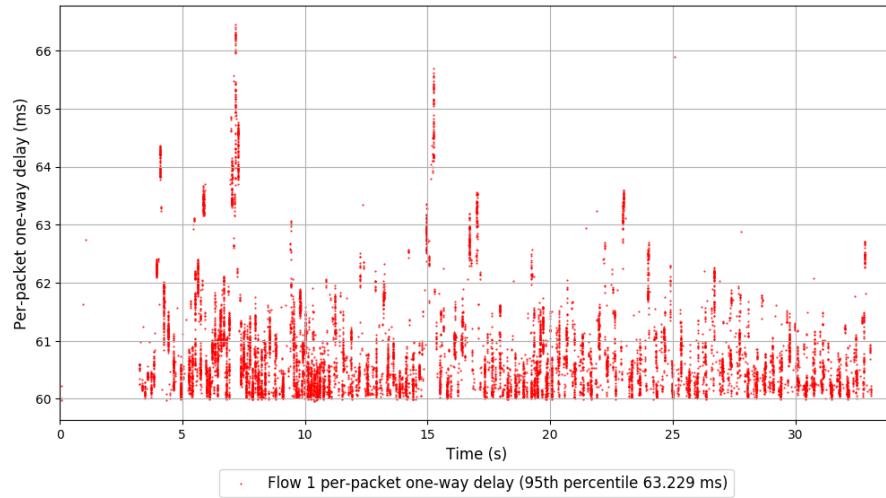
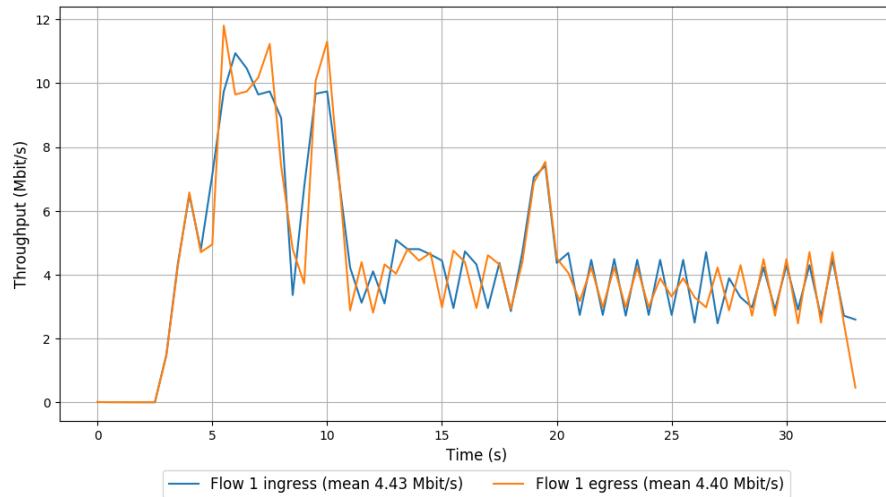


Run 3: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:44:38 +0000
End at: Fri, 16 Jun 2017 02:45:08 +0000
Local clock offset: -0.346 ms
Remote clock offset: 1.637 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 63.229 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 63.229 ms
Loss rate: 1.67%
```

Run 3: Report of KohoCC — Data Link

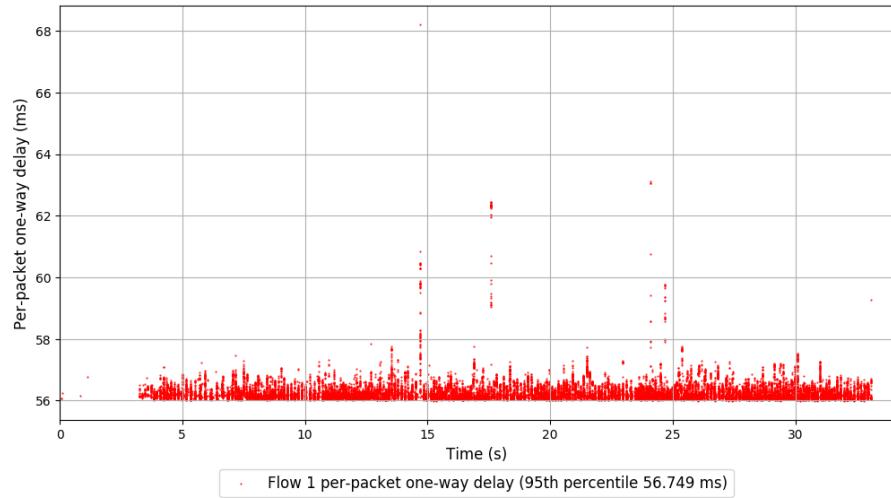
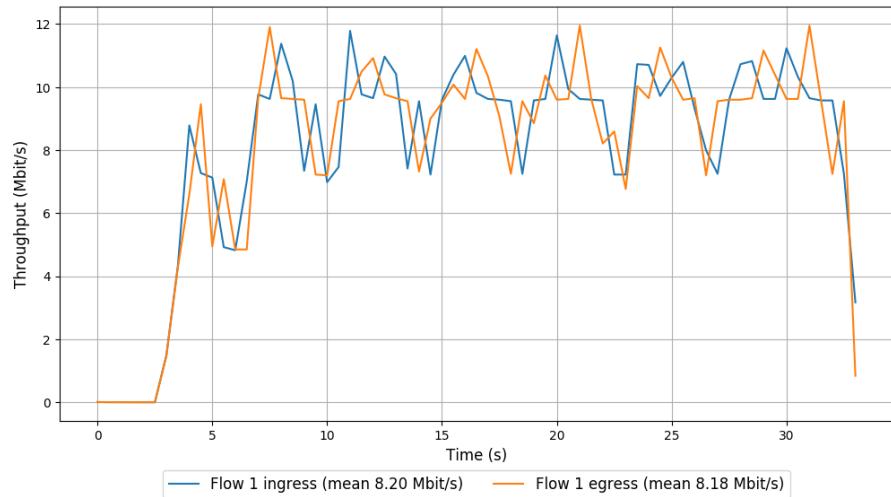


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:02:06 +0000
End at: Fri, 16 Jun 2017 03:02:36 +0000
Local clock offset: 4.032 ms
Remote clock offset: 1.907 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.18 Mbit/s
95th percentile per-packet one-way delay: 56.749 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 8.18 Mbit/s
95th percentile per-packet one-way delay: 56.749 ms
Loss rate: 0.56%
```

Run 4: Report of KohoCC — Data Link

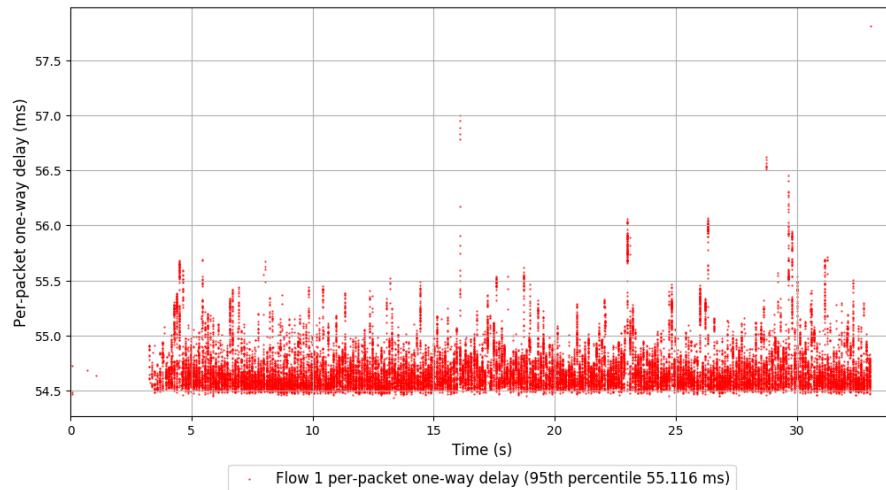
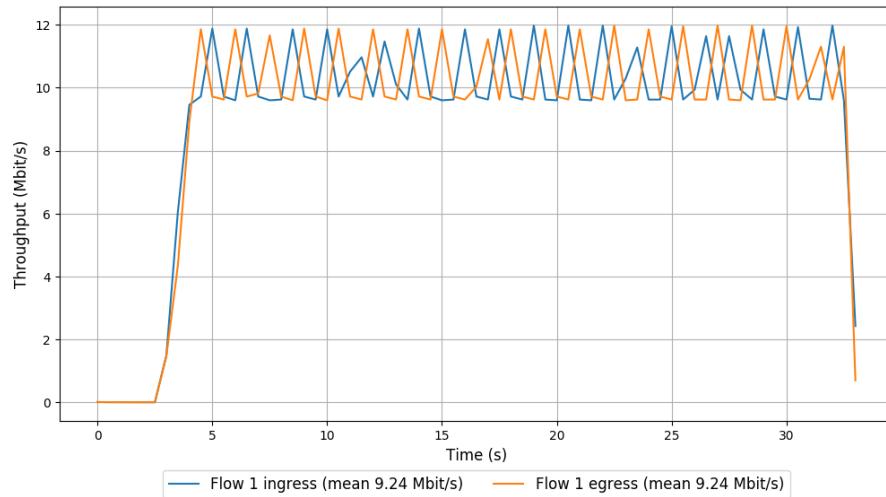


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:19:34 +0000
End at: Fri, 16 Jun 2017 03:20:04 +0000
Local clock offset: 5.017 ms
Remote clock offset: 1.665 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 55.116 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 55.116 ms
Loss rate: 0.39%
```

Run 5: Report of KohoCC — Data Link

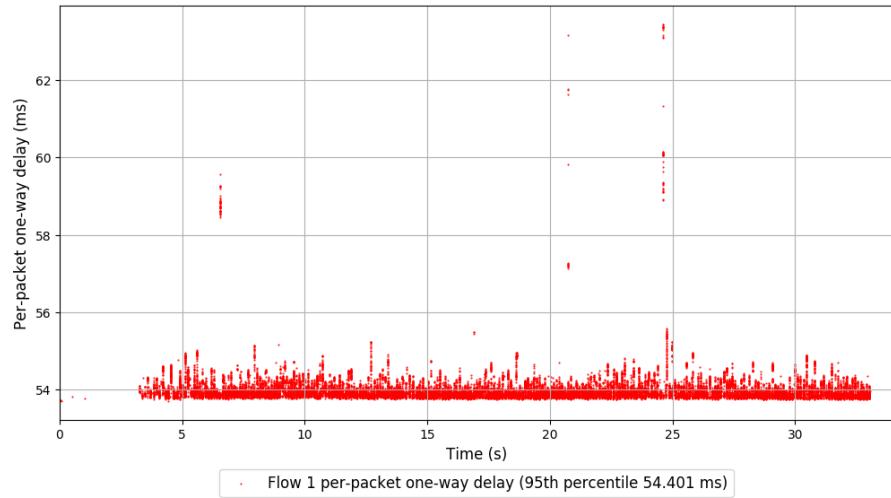
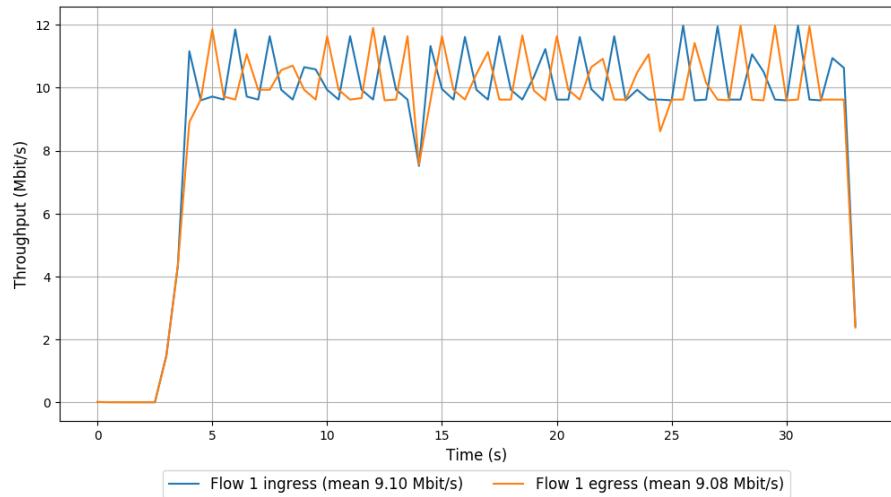


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 03:36:55 +0000
End at: Fri, 16 Jun 2017 03:37:26 +0000
Local clock offset: 5.315 ms
Remote clock offset: 1.195 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 54.401 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 54.401 ms
Loss rate: 0.60%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 03:54:30 +0000

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

Local clock offset: 5.588 ms

Remote clock offset: -89.482 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:39:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 52.994 ms

Loss rate: 1.08%

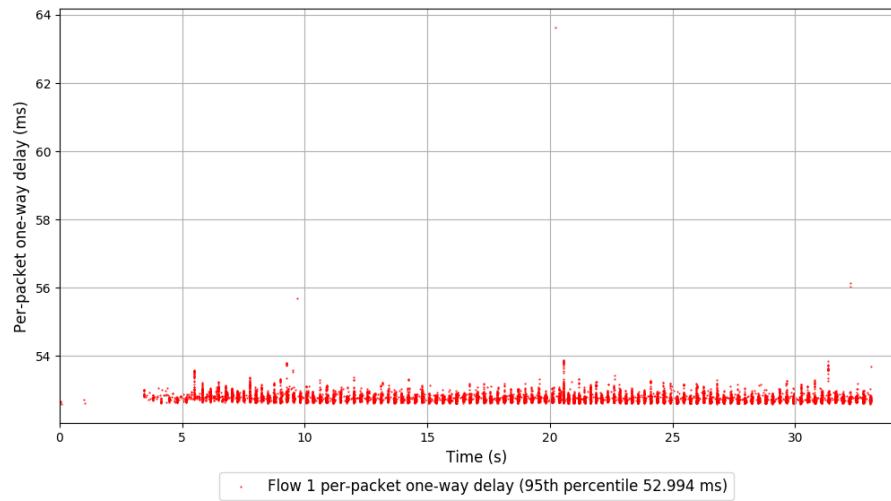
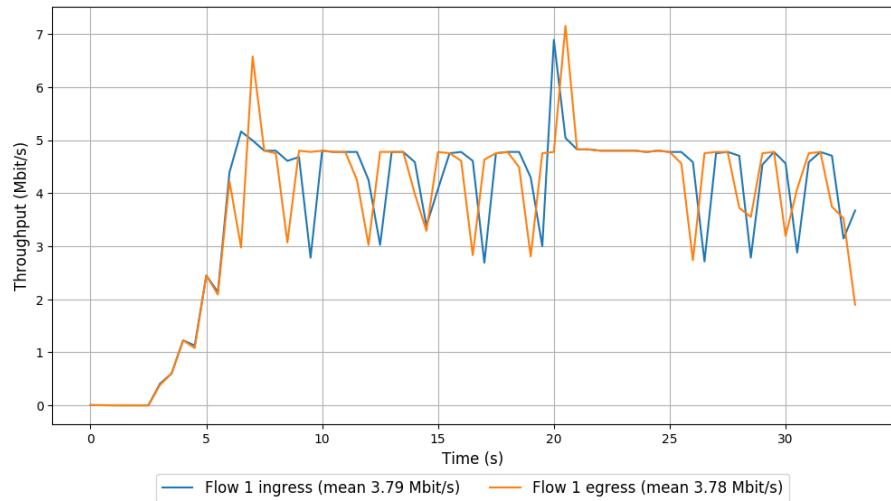
-- Flow 1:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 52.994 ms

Loss rate: 1.08%

Run 7: Report of KohoCC — Data Link

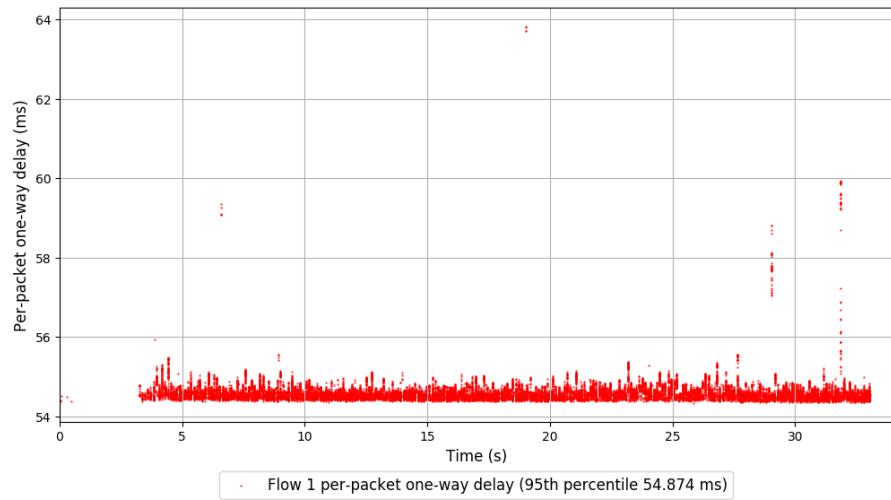
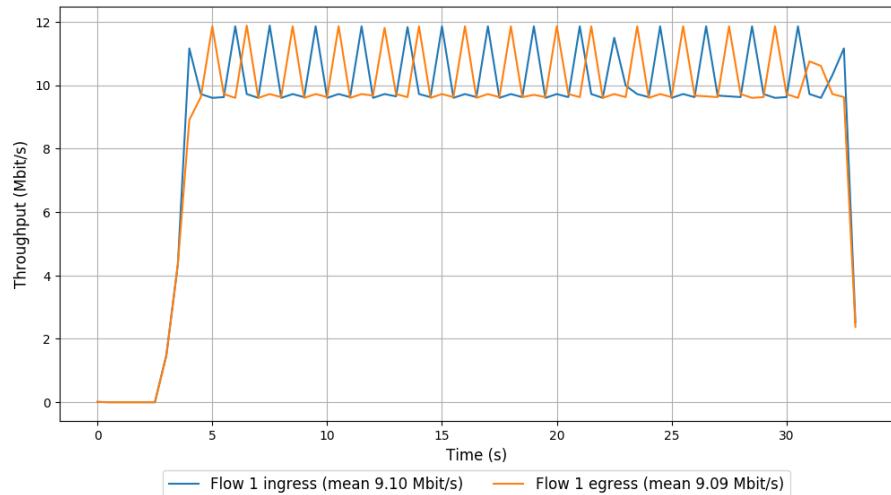


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:12:23 +0000
End at: Fri, 16 Jun 2017 04:12:53 +0000
Local clock offset: 4.055 ms
Remote clock offset: -0.317 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 54.874 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 54.874 ms
Loss rate: 0.42%
```

Run 8: Report of KohoCC — Data Link

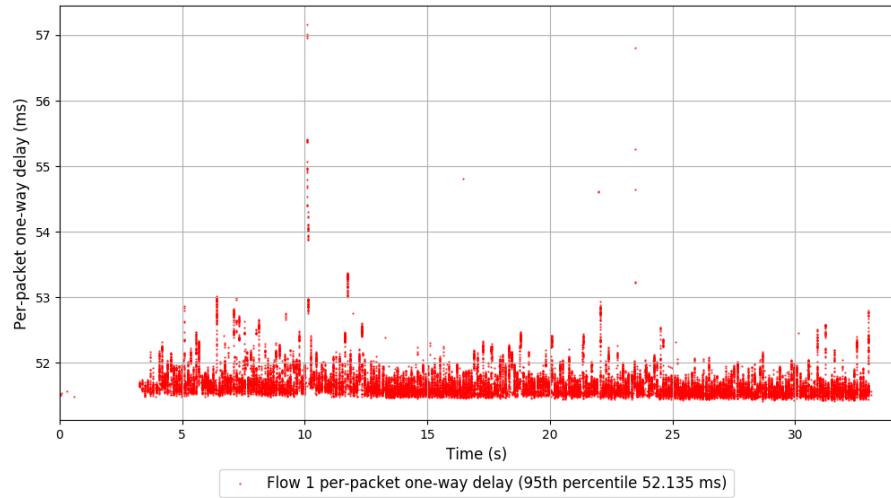
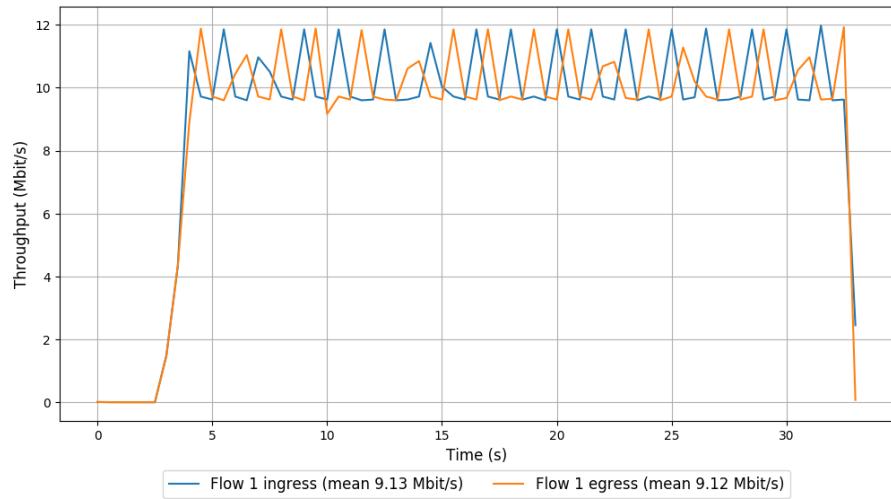


Run 9: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:29:57 +0000
End at: Fri, 16 Jun 2017 04:30:27 +0000
Local clock offset: 3.06 ms
Remote clock offset: -3.022 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 52.135 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 52.135 ms
Loss rate: 0.47%
```

Run 9: Report of KohoCC — Data Link

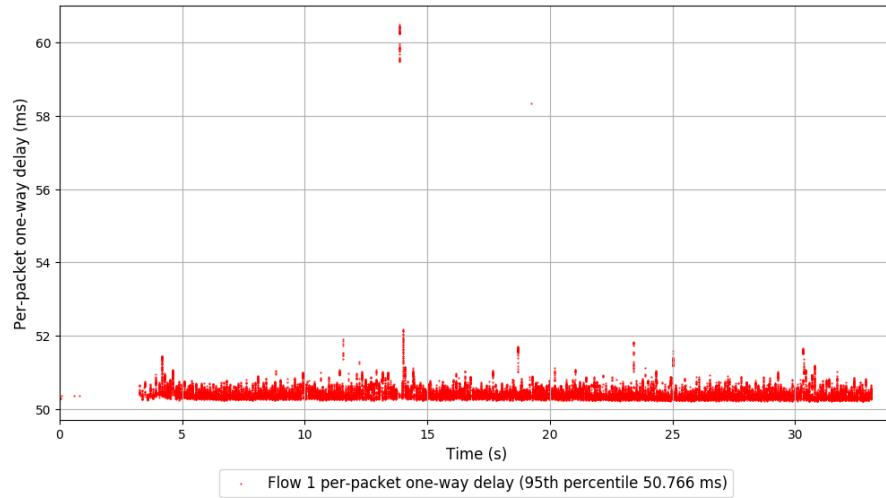
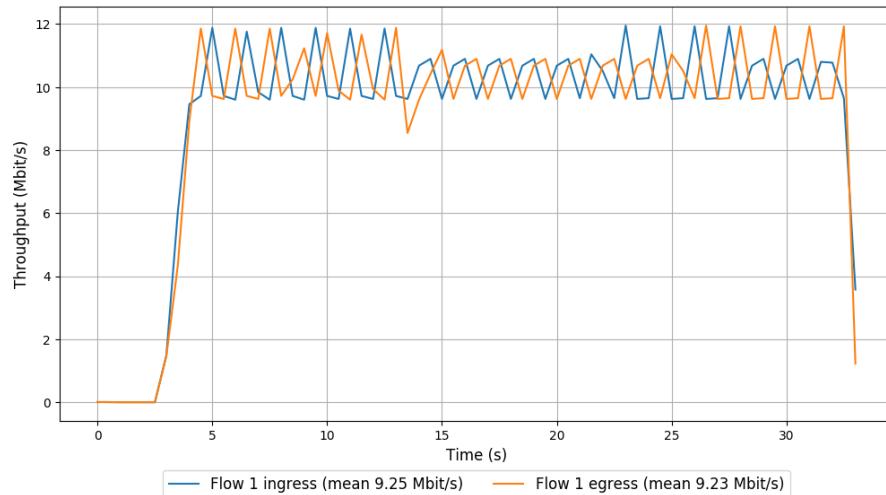


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 04:47:22 +0000
End at: Fri, 16 Jun 2017 04:47:52 +0000
Local clock offset: 1.278 ms
Remote clock offset: -6.371 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 50.766 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 50.766 ms
Loss rate: 0.58%
```

Run 10: Report of KohoCC — Data Link

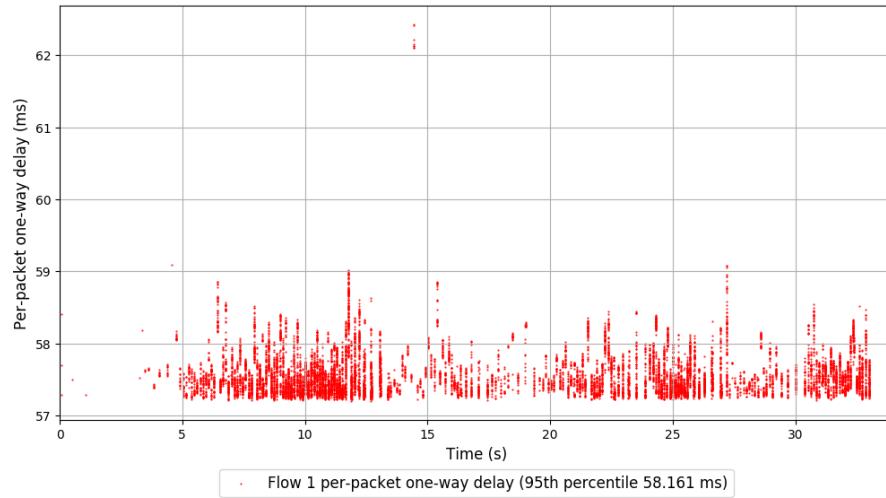
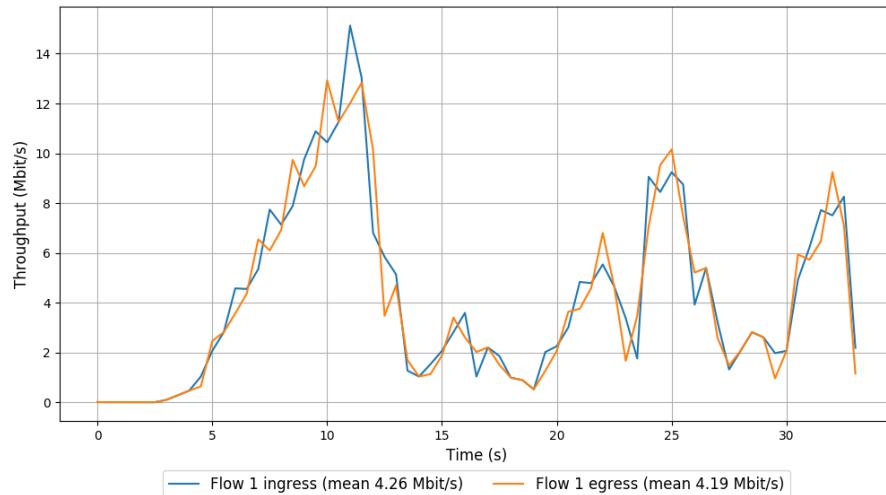


```
Run 1: Statistics of LEDBAT
```

```
Start at: Fri, 16 Jun 2017 02:06:06 +0000
End at: Fri, 16 Jun 2017 02:06:36 +0000
Local clock offset: 1.77 ms
Remote clock offset: 0.639 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 58.161 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 58.161 ms
Loss rate: 2.02%
```

Run 1: Report of LEDBAT — Data Link

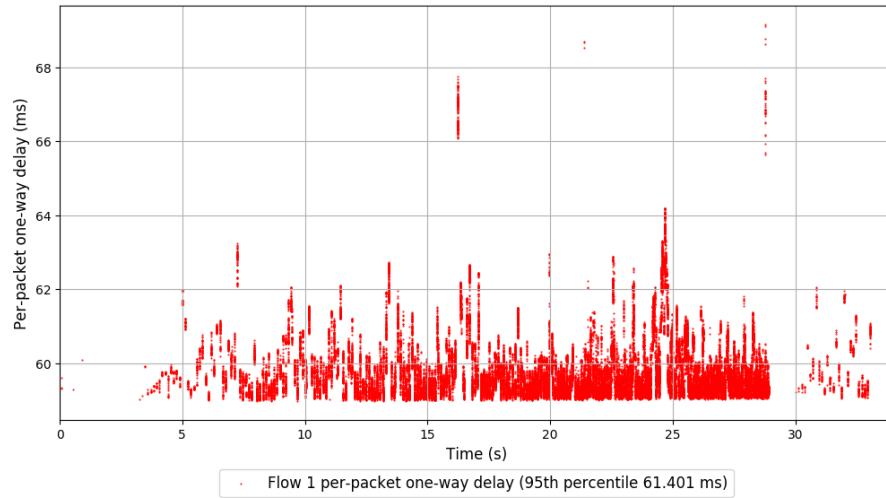
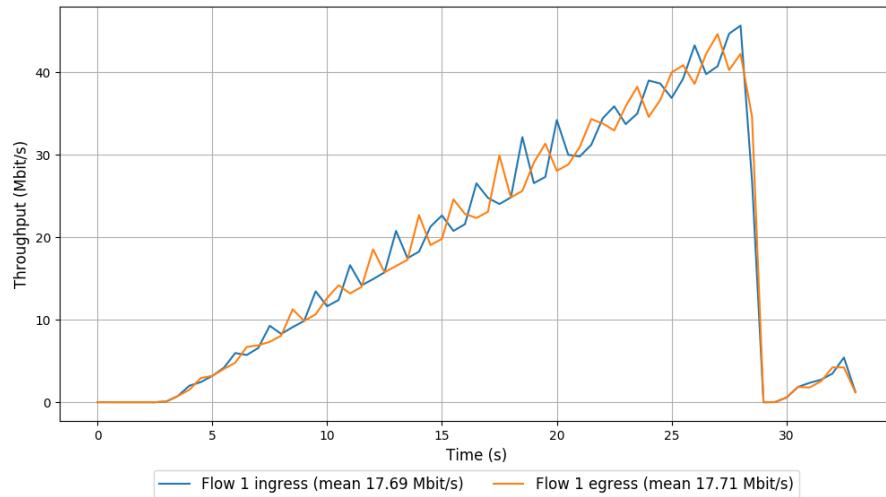


Run 2: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:23:43 +0000
End at: Fri, 16 Jun 2017 02:24:13 +0000
Local clock offset: 0.759 ms
Remote clock offset: 1.266 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 61.401 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 61.401 ms
Loss rate: 0.22%
```

Run 2: Report of LEDBAT — Data Link

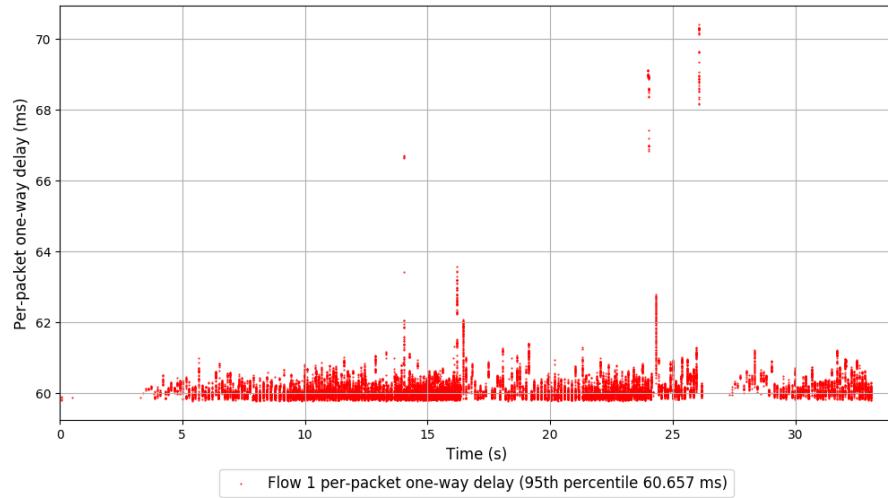
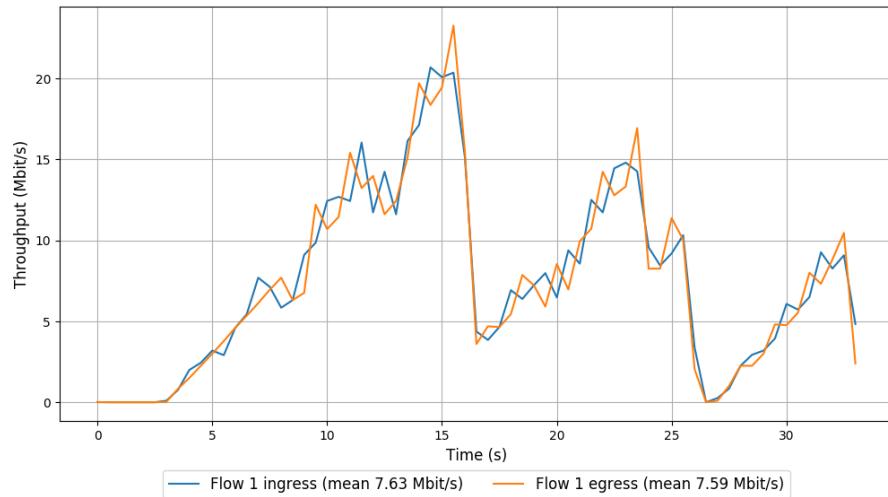


Run 3: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:40:59 +0000
End at: Fri, 16 Jun 2017 02:41:29 +0000
Local clock offset: -0.3 ms
Remote clock offset: 1.694 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.59 Mbit/s
95th percentile per-packet one-way delay: 60.657 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 7.59 Mbit/s
95th percentile per-packet one-way delay: 60.657 ms
Loss rate: 0.91%
```

Run 3: Report of LEDBAT — Data Link

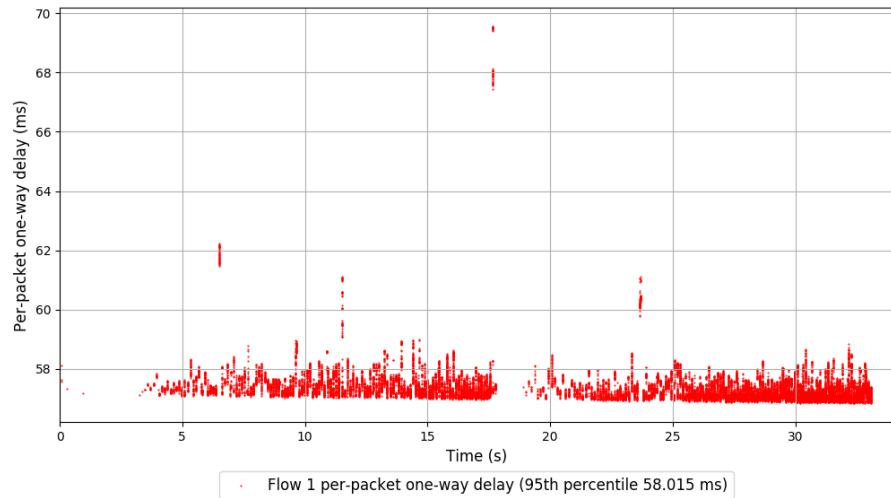
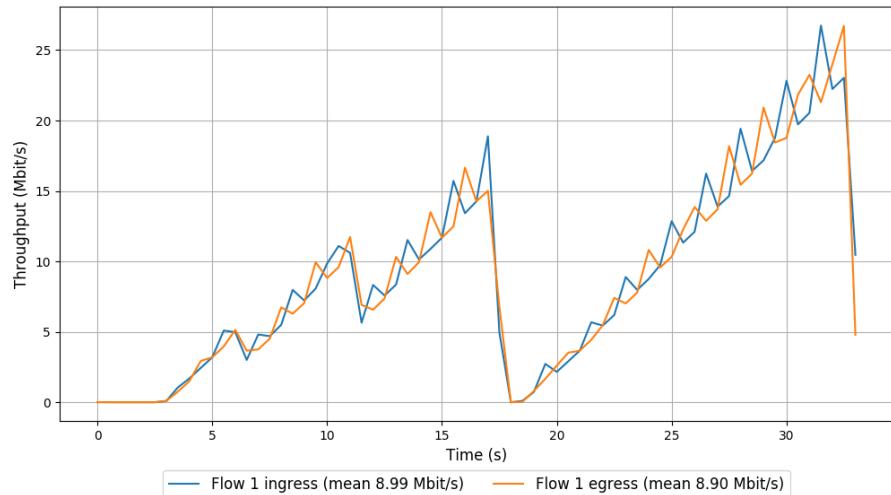


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:58:27 +0000
End at: Fri, 16 Jun 2017 02:58:57 +0000
Local clock offset: 2.881 ms
Remote clock offset: 1.262 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 58.015 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 58.015 ms
Loss rate: 1.37%
```

Run 4: Report of LEDBAT — Data Link

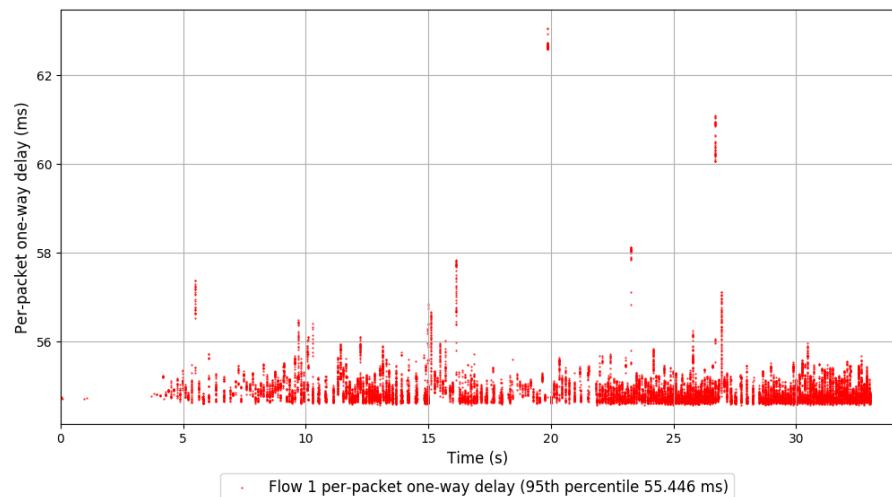
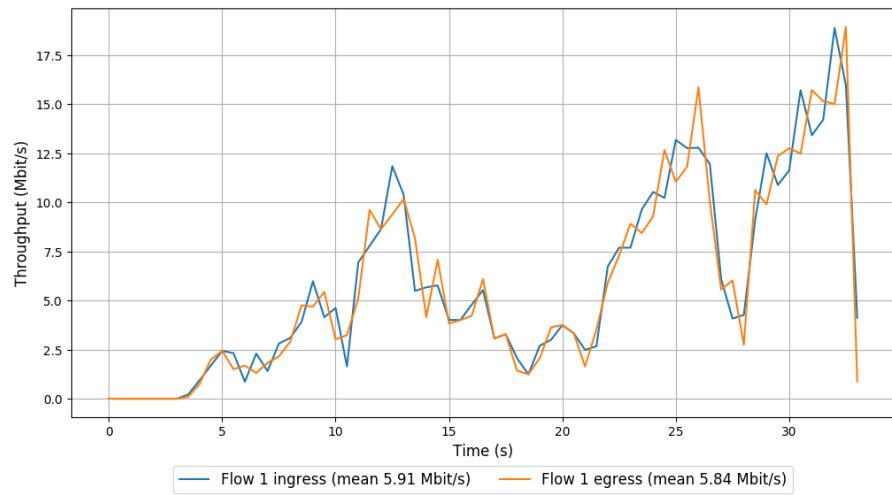


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:15:57 +0000
End at: Fri, 16 Jun 2017 03:16:27 +0000
Local clock offset: 4.935 ms
Remote clock offset: 1.782 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 55.446 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 55.446 ms
Loss rate: 1.59%
```

Run 5: Report of LEDBAT — Data Link

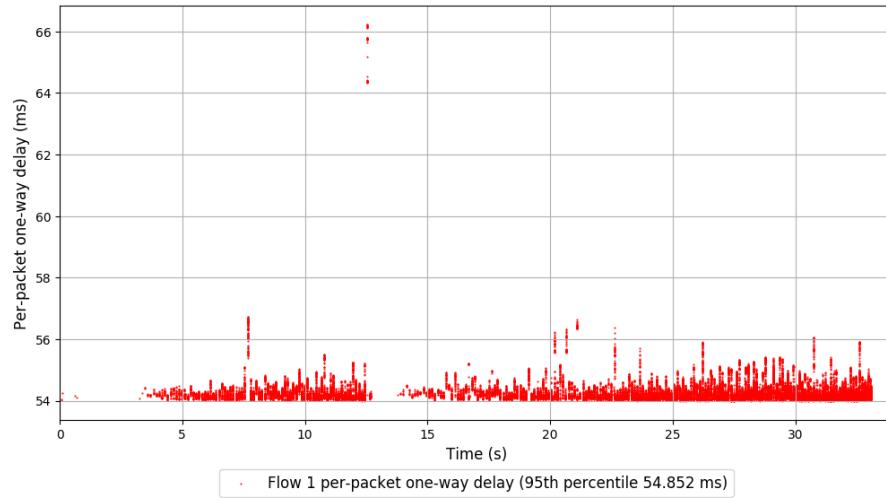
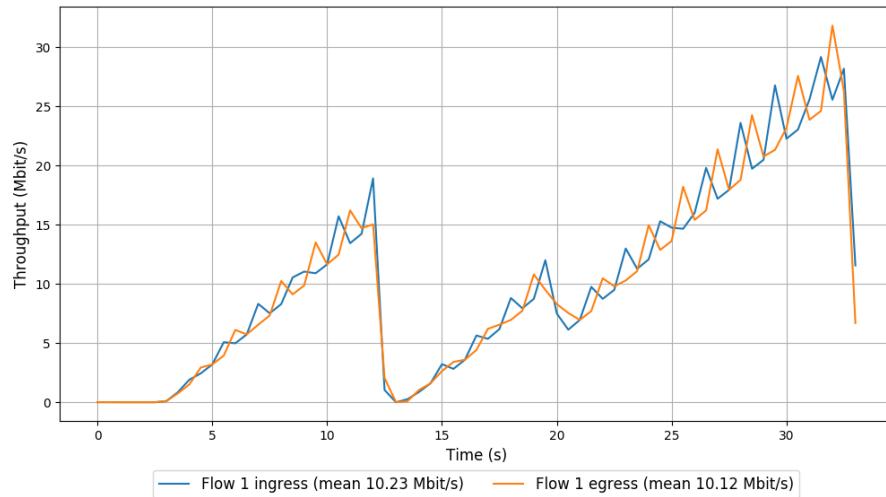


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:33:13 +0000
End at: Fri, 16 Jun 2017 03:33:43 +0000
Local clock offset: 5.193 ms
Remote clock offset: 1.273 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 54.852 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 54.852 ms
Loss rate: 1.46%
```

Run 6: Report of LEDBAT — Data Link

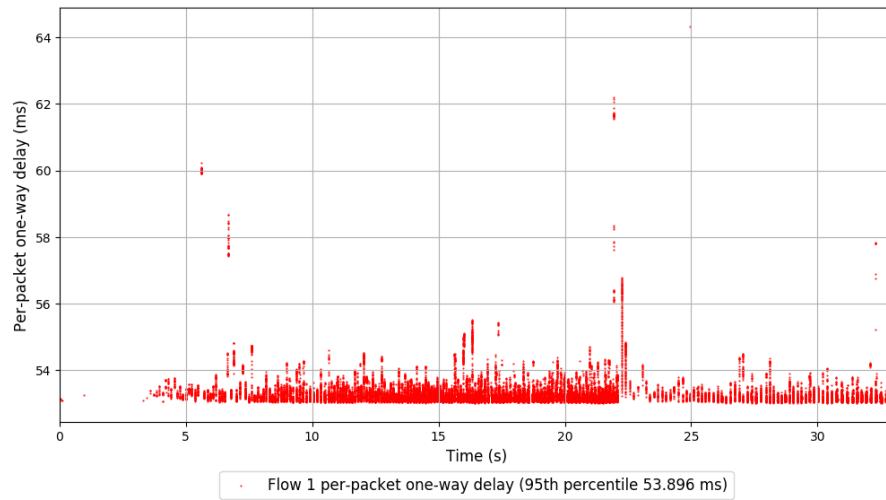
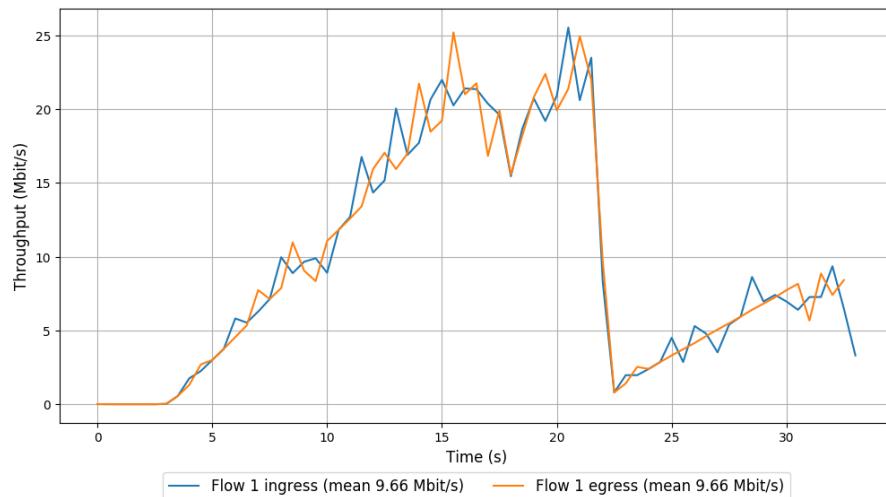


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 03:50:45 +0000
End at: Fri, 16 Jun 2017 03:51:15 +0000
Local clock offset: 5.564 ms
Remote clock offset: 1.111 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 53.896 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 53.896 ms
Loss rate: 0.70%
```

Run 7: Report of LEDBAT — Data Link

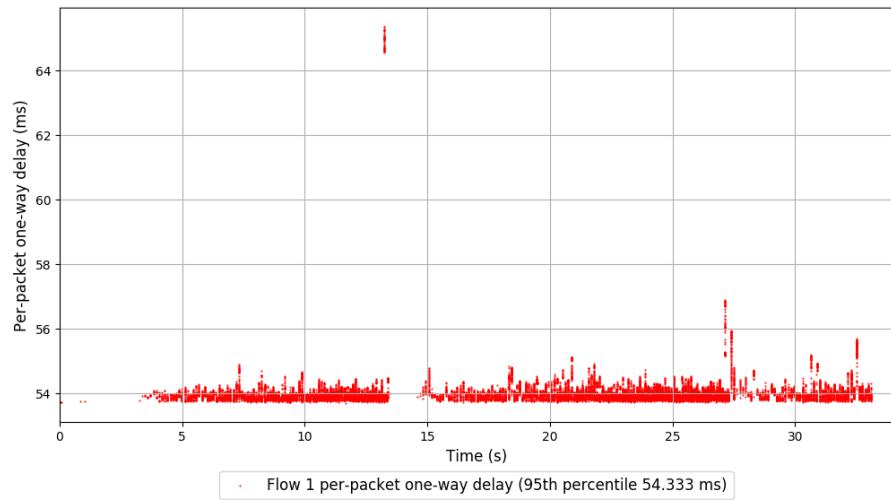
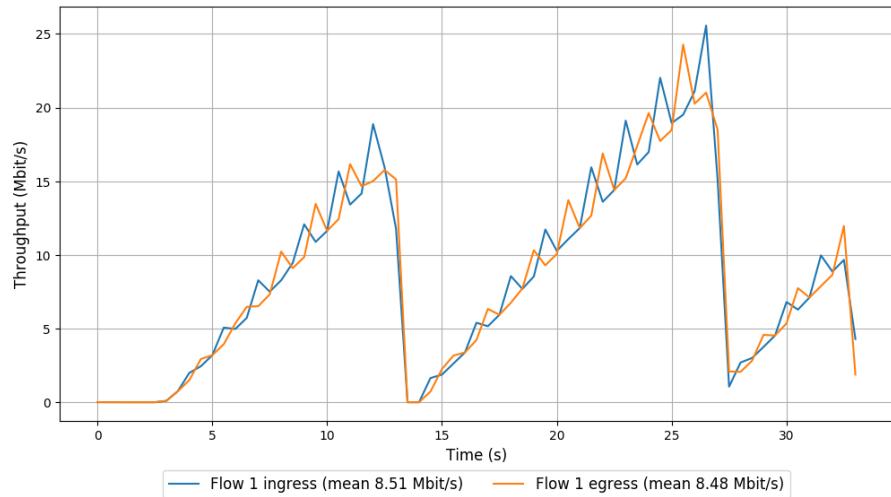


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:08:43 +0000
End at: Fri, 16 Jun 2017 04:09:13 +0000
Local clock offset: 4.371 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:39:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 54.333 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 54.333 ms
Loss rate: 0.73%
```

Run 8: Report of LEDBAT — Data Link

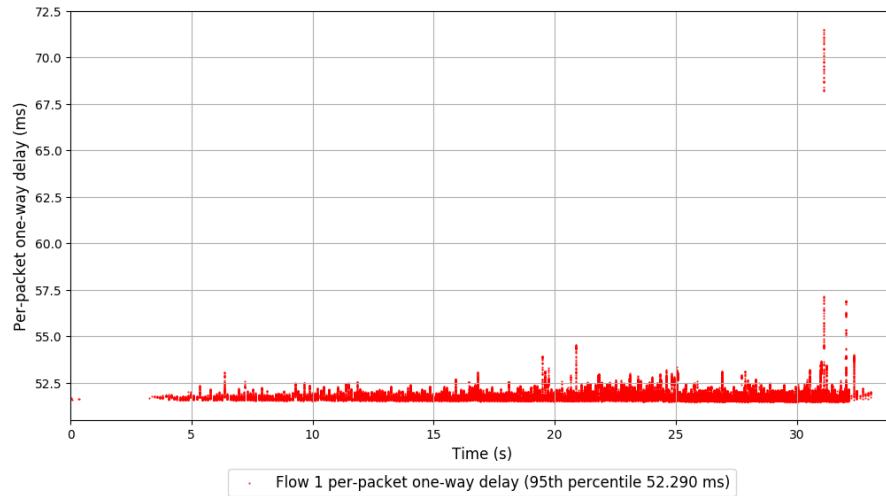
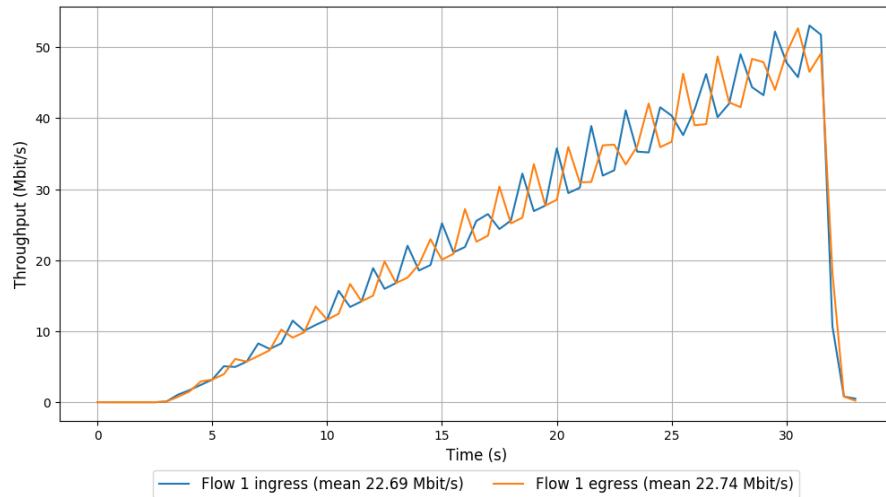


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:26:11 +0000
End at: Fri, 16 Jun 2017 04:26:41 +0000
Local clock offset: 3.303 ms
Remote clock offset: -2.204 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 52.290 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 52.290 ms
Loss rate: 0.13%
```

Run 9: Report of LEDBAT — Data Link

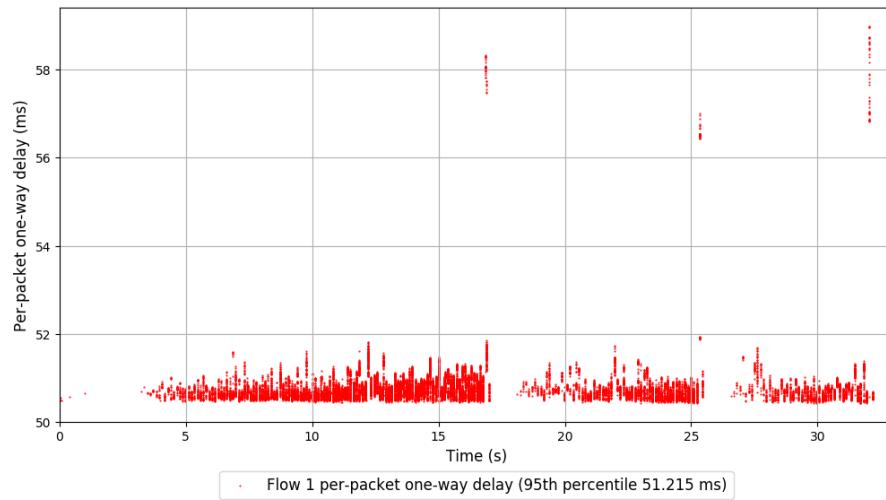
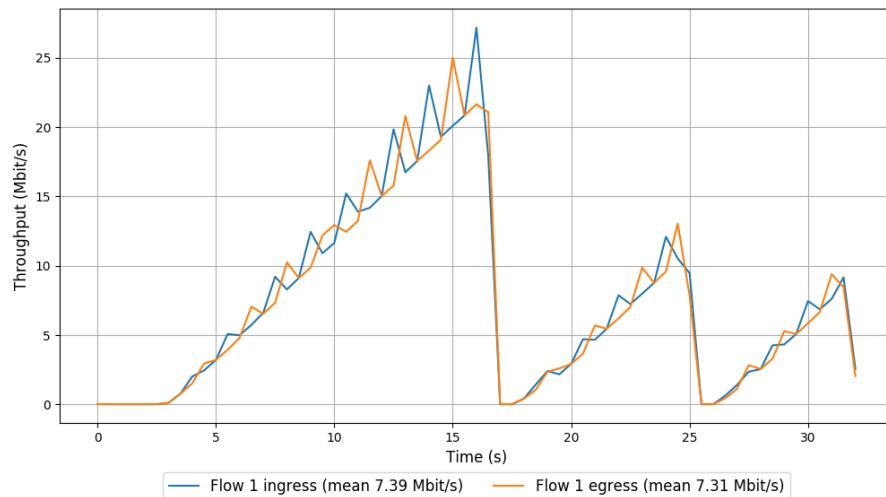


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 04:43:43 +0000
End at: Fri, 16 Jun 2017 04:44:13 +0000
Local clock offset: 1.559 ms
Remote clock offset: -5.6 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 51.215 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 51.215 ms
Loss rate: 1.10%
```

Run 10: Report of LEDBAT — Data Link

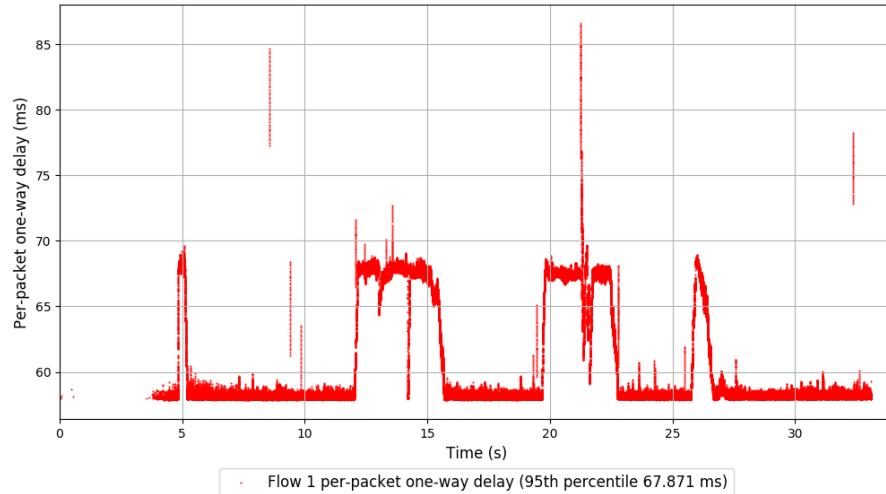
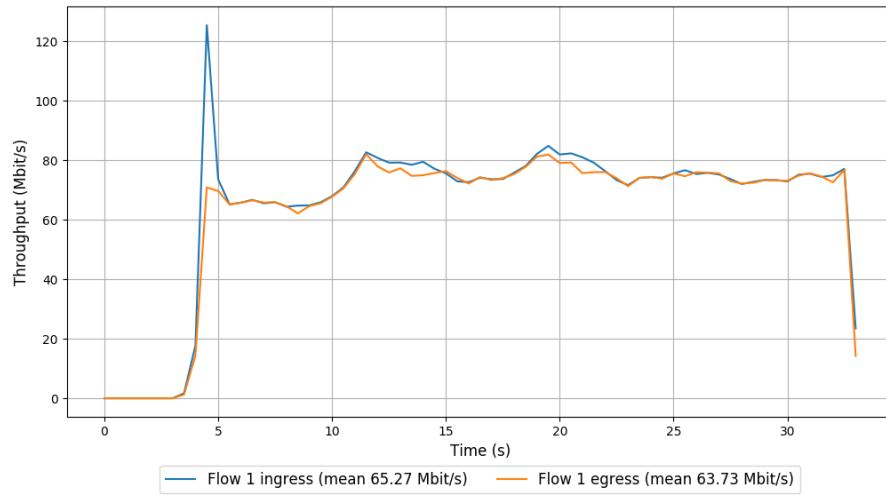


Run 1: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:17:59 +0000
End at: Fri, 16 Jun 2017 02:18:29 +0000
Local clock offset: 1.547 ms
Remote clock offset: 1.335 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.73 Mbit/s
95th percentile per-packet one-way delay: 67.871 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 63.73 Mbit/s
95th percentile per-packet one-way delay: 67.871 ms
Loss rate: 2.69%
```

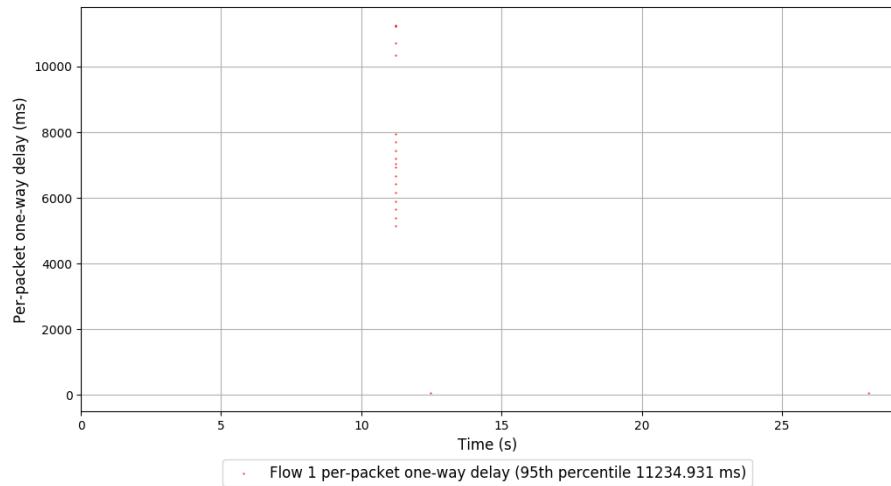
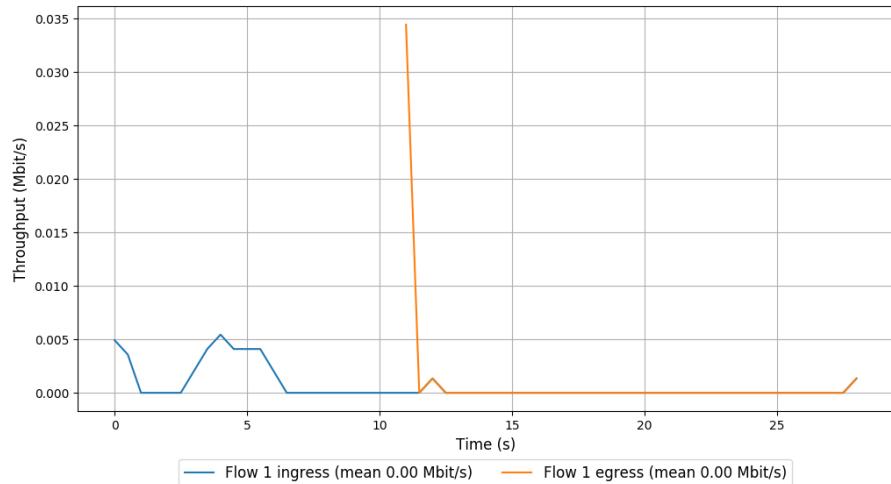
Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Fri, 16 Jun 2017 02:35:17 +0000
End at: Fri, 16 Jun 2017 02:35:47 +0000
Local clock offset: -0.165 ms
Remote clock offset: 1.282 ms

Run 2: Report of PCC — Data Link

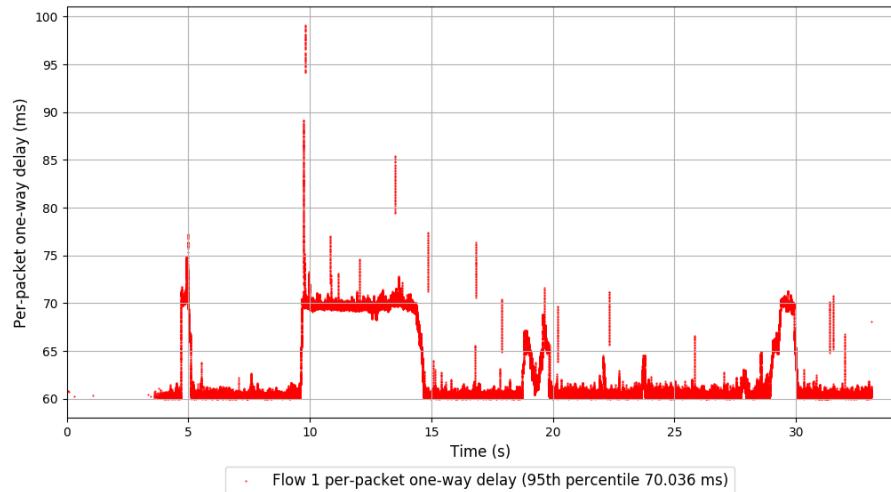
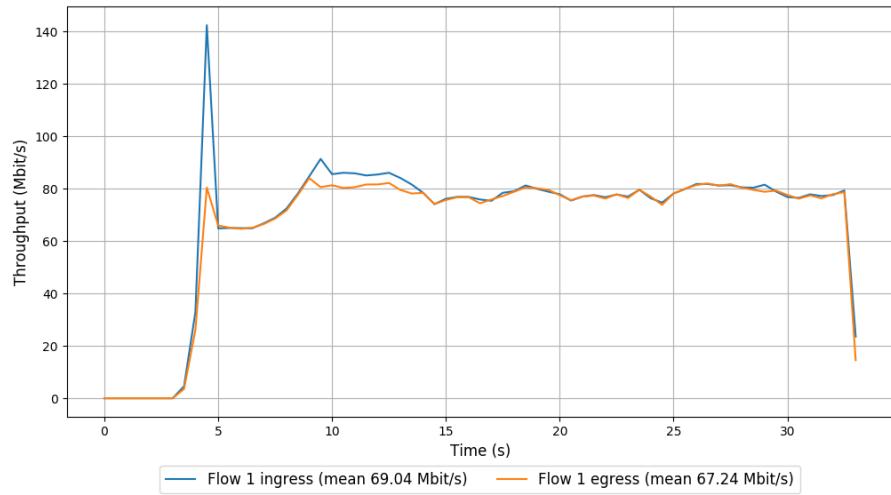


Run 3: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 02:52:41 +0000
End at: Fri, 16 Jun 2017 02:53:11 +0000
Local clock offset: -0.433 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 70.036 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 70.036 ms
Loss rate: 2.93%
```

Run 3: Report of PCC — Data Link

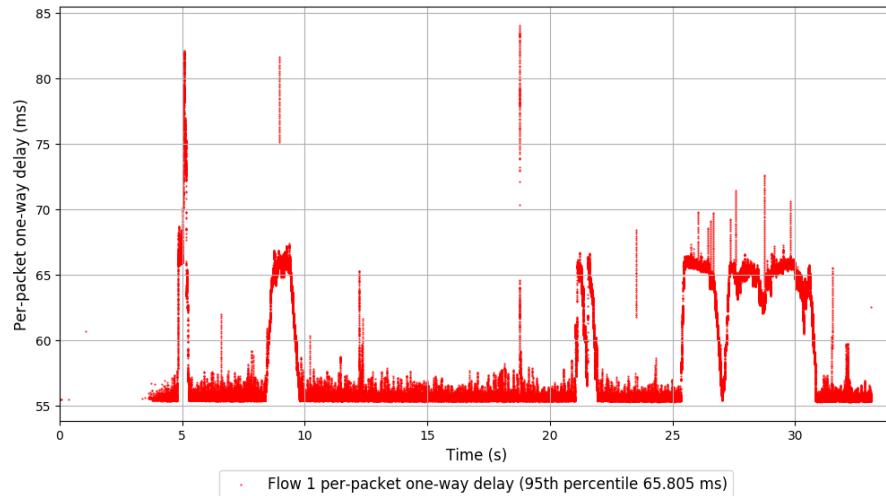
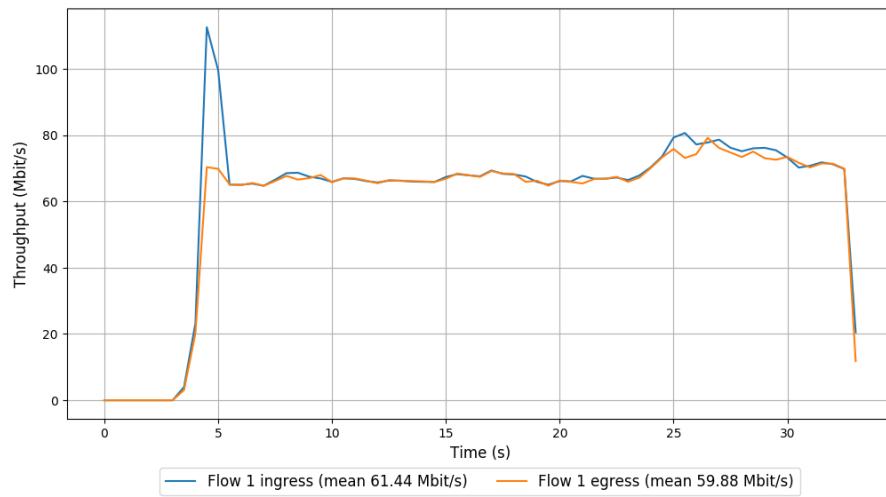


Run 4: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:10:02 +0000
End at: Fri, 16 Jun 2017 03:10:32 +0000
Local clock offset: 4.496 ms
Remote clock offset: 1.861 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.88 Mbit/s
95th percentile per-packet one-way delay: 65.805 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 59.88 Mbit/s
95th percentile per-packet one-way delay: 65.805 ms
Loss rate: 2.87%
```

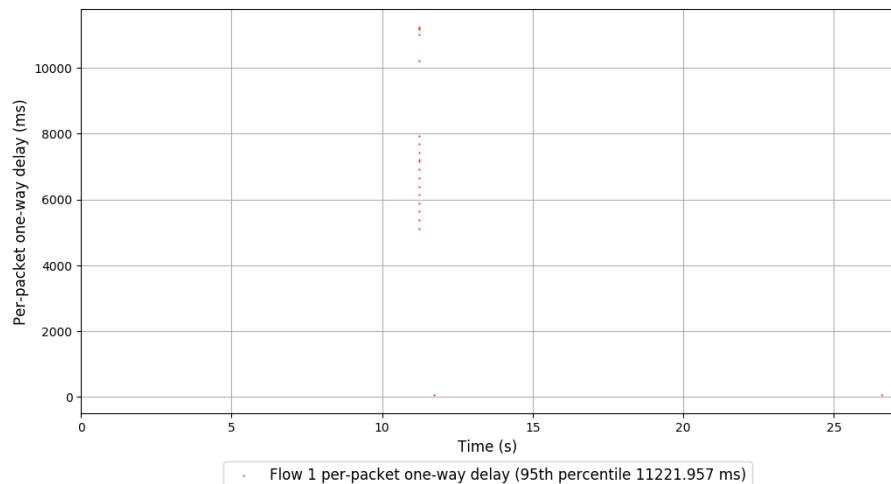
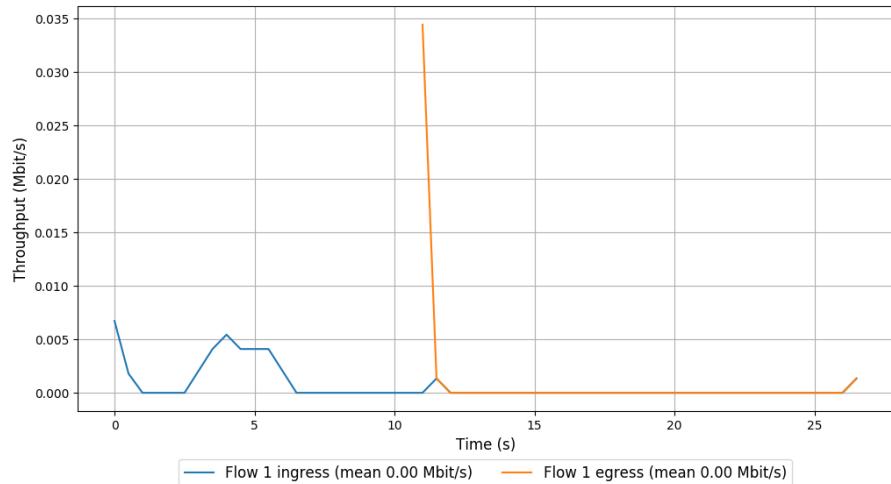
Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Fri, 16 Jun 2017 03:27:32 +0000
End at: Fri, 16 Jun 2017 03:28:02 +0000
Local clock offset: 5.217 ms
Remote clock offset: 1.32 ms

Run 5: Report of PCC — Data Link

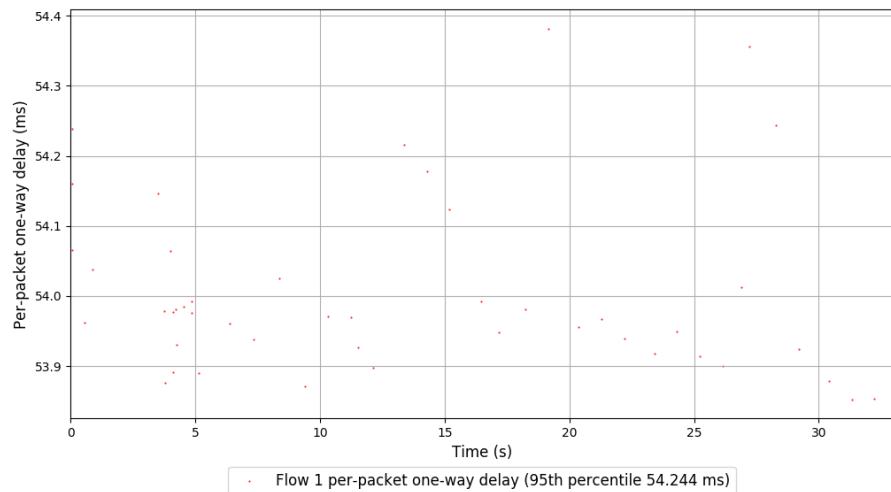
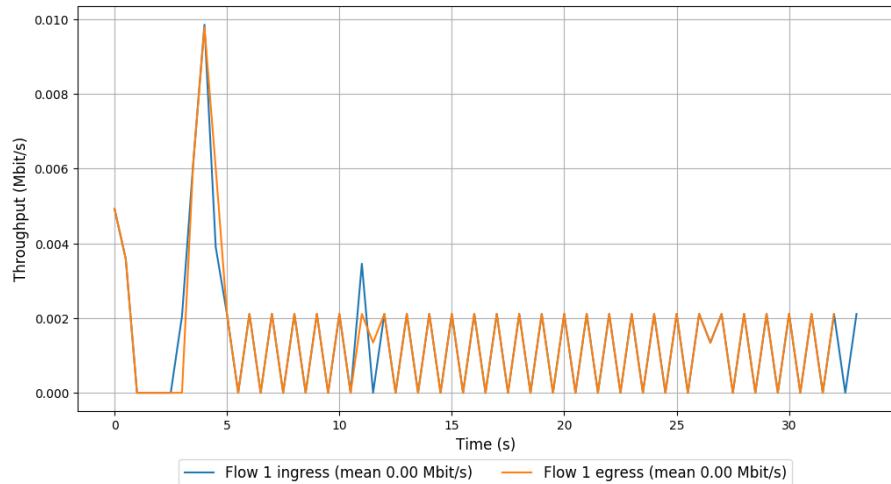


Run 6: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 03:44:58 +0000
End at: Fri, 16 Jun 2017 03:45:28 +0000
Local clock offset: 5.506 ms
Remote clock offset: 1.459 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 54.244 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 54.244 ms
Loss rate: 2.24%
```

Run 6: Report of PCC — Data Link

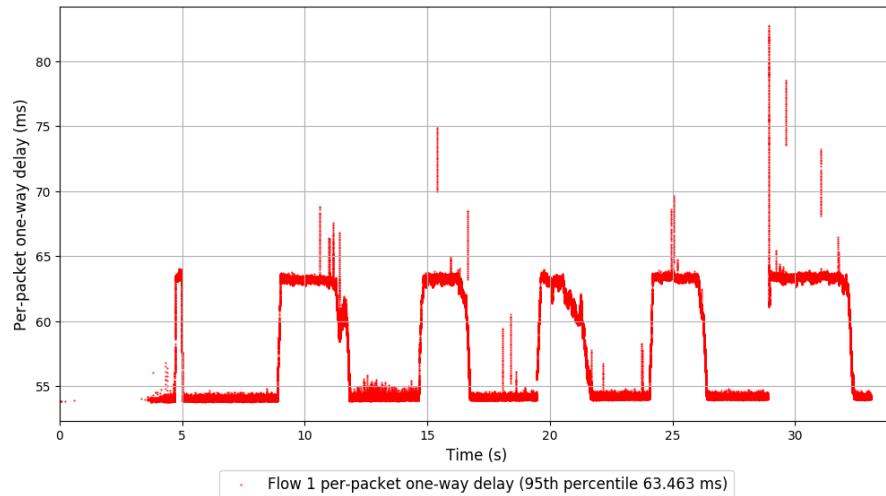
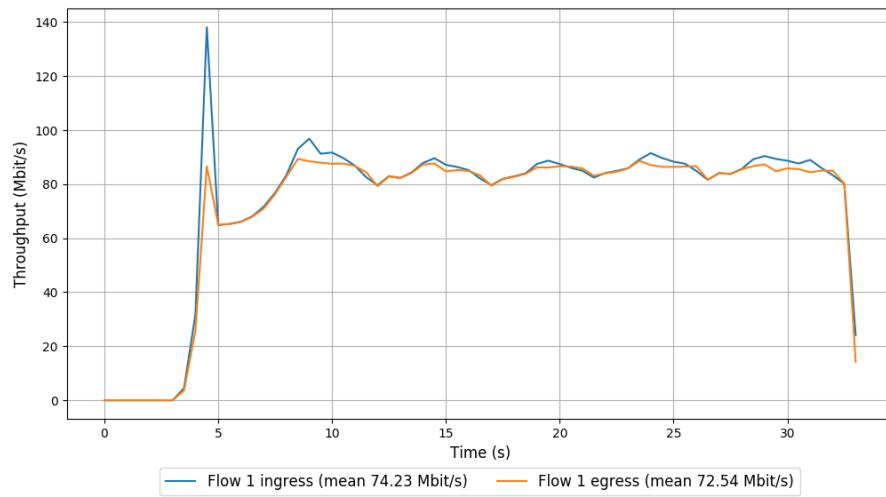


Run 7: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:02:52 +0000
End at: Fri, 16 Jun 2017 04:03:22 +0000
Local clock offset: 5.108 ms
Remote clock offset: 0.185 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.54 Mbit/s
95th percentile per-packet one-way delay: 63.463 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 72.54 Mbit/s
95th percentile per-packet one-way delay: 63.463 ms
Loss rate: 2.61%
```

Run 7: Report of PCC — Data Link

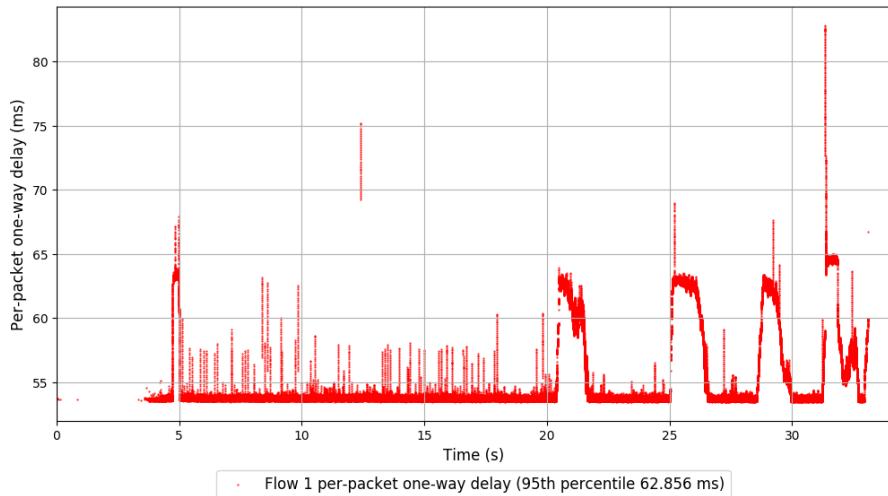
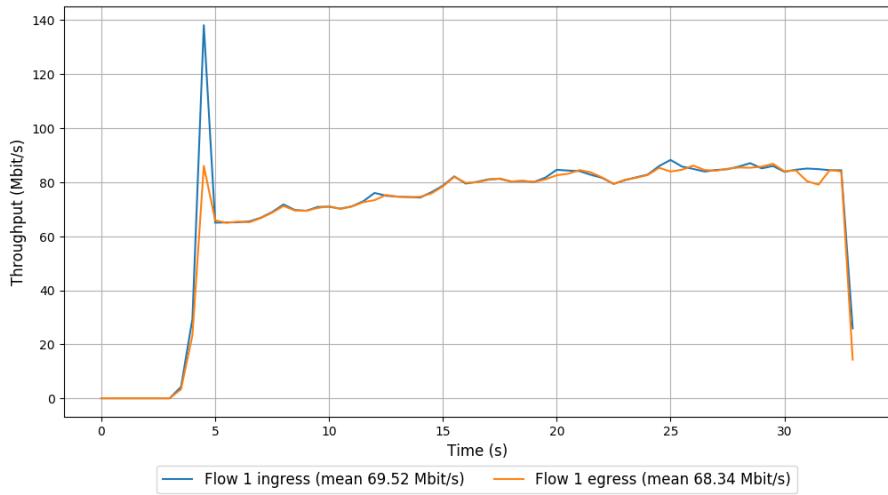


Run 8: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:20:19 +0000
End at: Fri, 16 Jun 2017 04:20:49 +0000
Local clock offset: 3.596 ms
Remote clock offset: -1.436 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 62.856 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 62.856 ms
Loss rate: 2.03%
```

Run 8: Report of PCC — Data Link

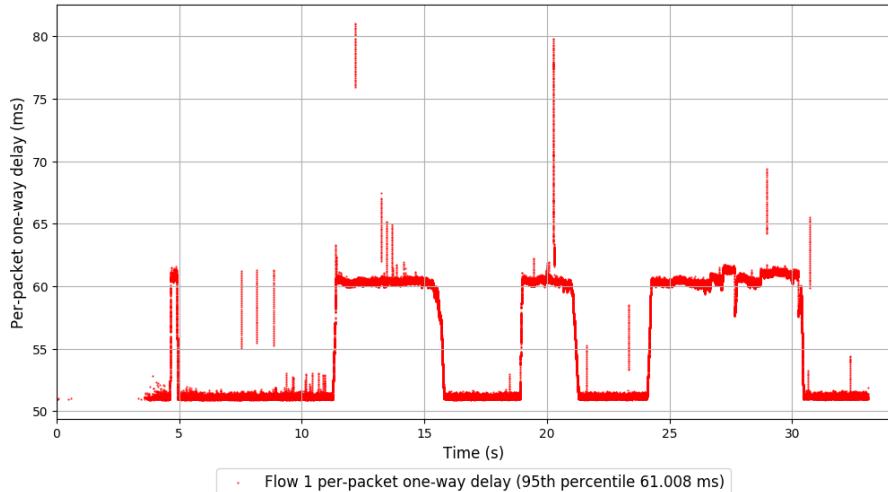
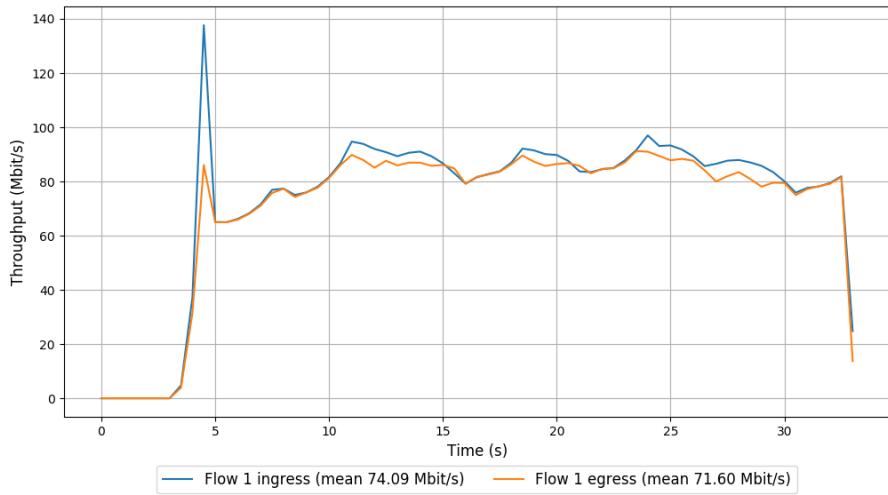


Run 9: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:38:00 +0000
End at: Fri, 16 Jun 2017 04:38:30 +0000
Local clock offset: 2.223 ms
Remote clock offset: -4.724 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 61.008 ms
Loss rate: 3.71%
-- Flow 1:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 61.008 ms
Loss rate: 3.71%
```

Run 9: Report of PCC — Data Link

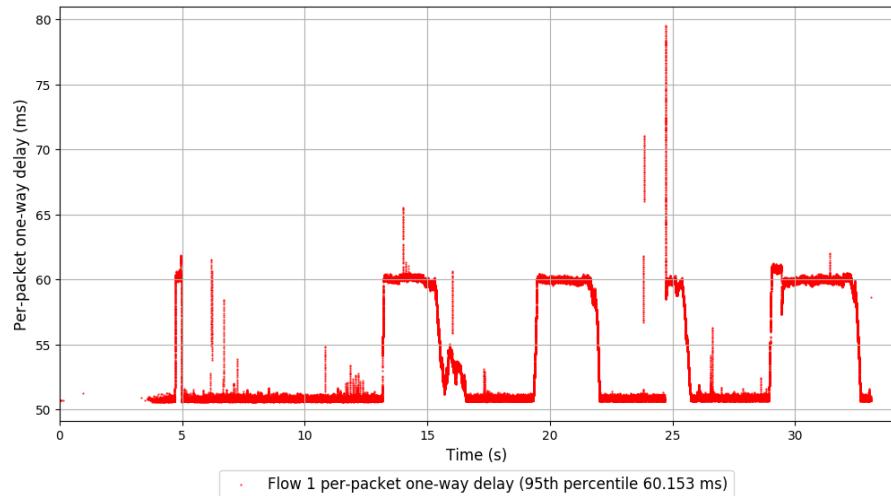
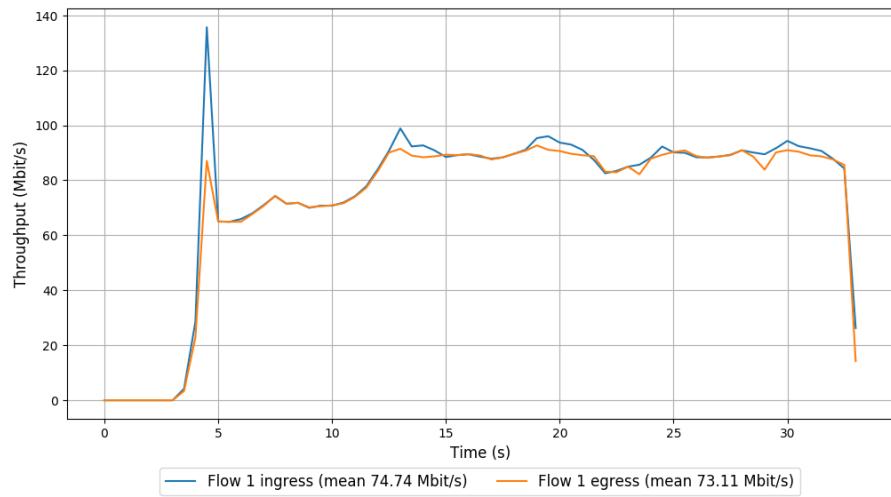


Run 10: Statistics of PCC

```
Start at: Fri, 16 Jun 2017 04:55:26 +0000
End at: Fri, 16 Jun 2017 04:55:56 +0000
Local clock offset: 0.6 ms
Remote clock offset: -6.793 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 60.153 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 60.153 ms
Loss rate: 2.52%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:19:09 +0000
```

```
End at: Fri, 16 Jun 2017 02:19:39 +0000
```

```
Local clock offset: 1.592 ms
```

```
Remote clock offset: 0.959 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 14.70 Mbit/s
```

```
95th percentile per-packet one-way delay: 59.637 ms
```

```
Loss rate: 1.07%
```

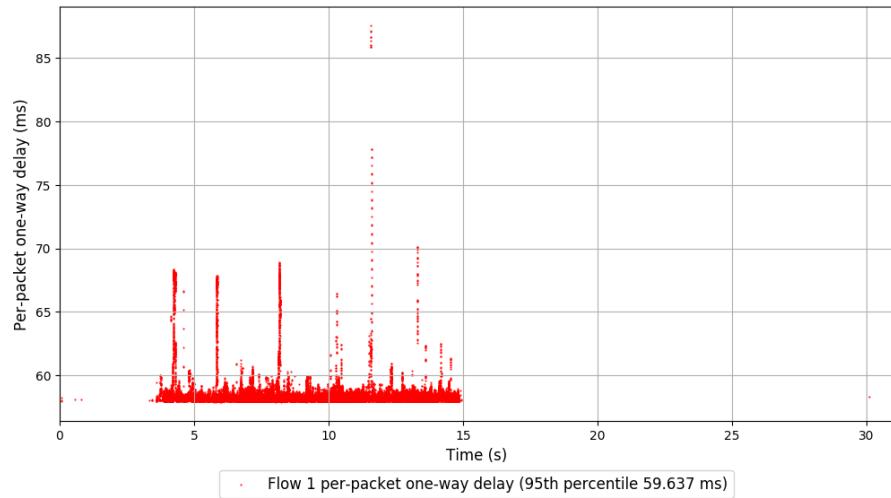
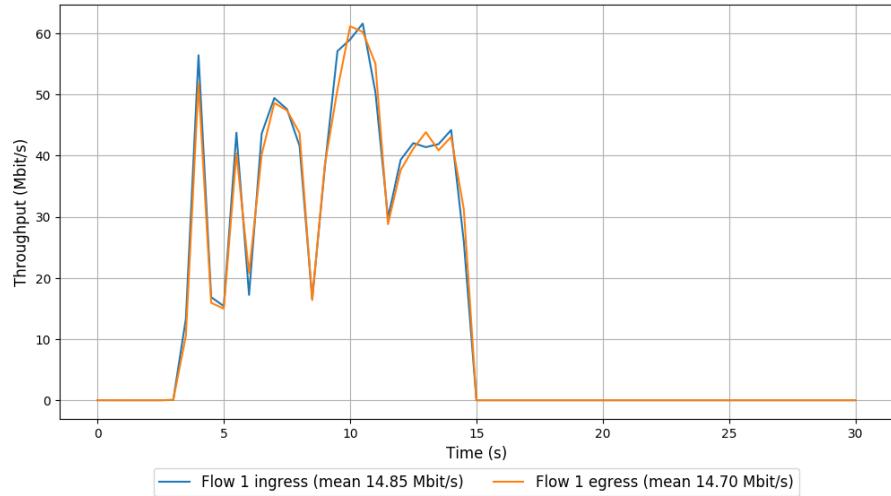
```
-- Flow 1:
```

```
Average throughput: 14.70 Mbit/s
```

```
95th percentile per-packet one-way delay: 59.637 ms
```

```
Loss rate: 1.07%
```

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

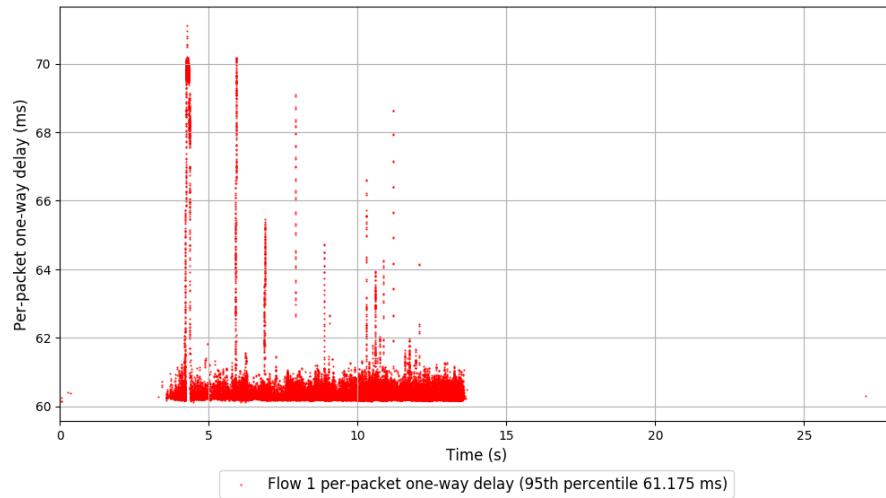
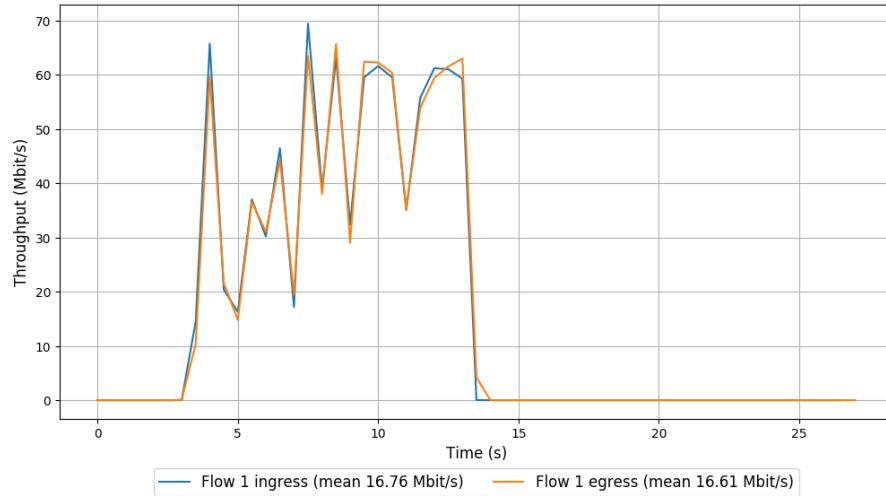


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:36:23 +0000
End at: Fri, 16 Jun 2017 02:36:53 +0000
Local clock offset: -0.2 ms
Remote clock offset: 1.482 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 61.175 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 61.175 ms
Loss rate: 0.93%
```

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

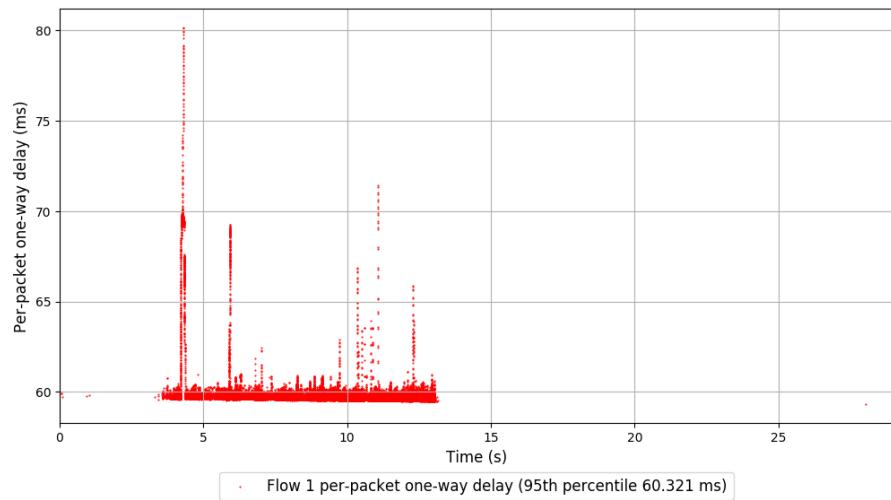
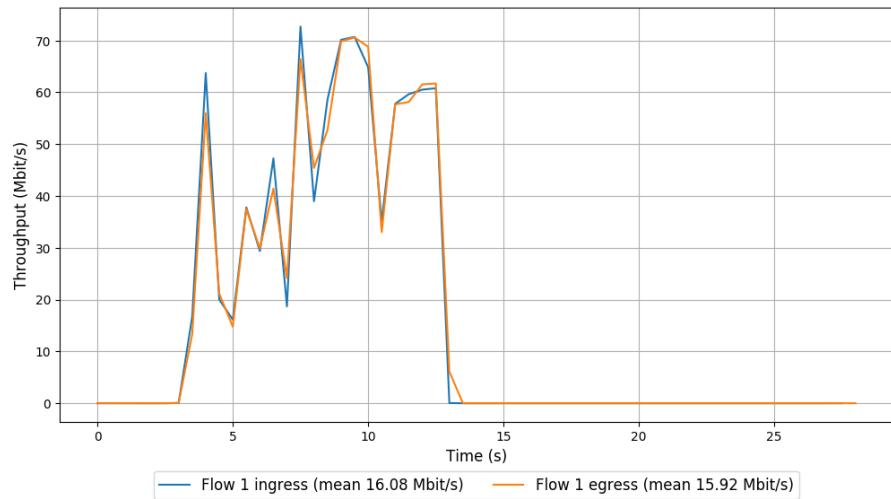


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 02:53:51 +0000
End at: Fri, 16 Jun 2017 02:54:21 +0000
Local clock offset: -0.218 ms
Remote clock offset: 1.452 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 60.321 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 60.321 ms
Loss rate: 1.05%
```

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

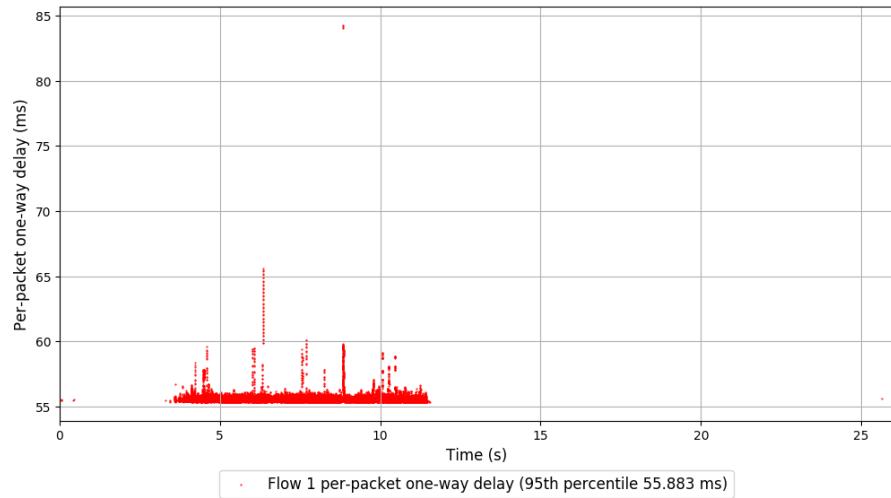
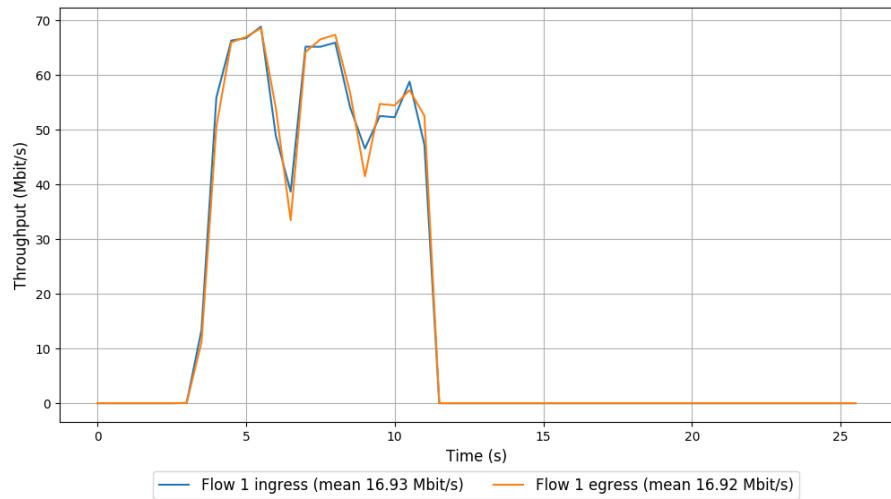


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:11:12 +0000
End at: Fri, 16 Jun 2017 03:11:42 +0000
Local clock offset: 4.667 ms
Remote clock offset: 1.502 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 55.883 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 55.883 ms
Loss rate: 0.07%
```

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

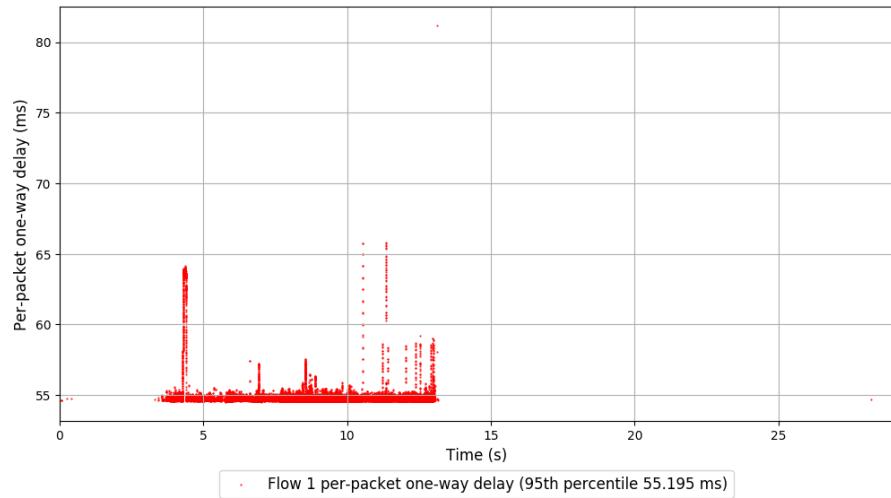
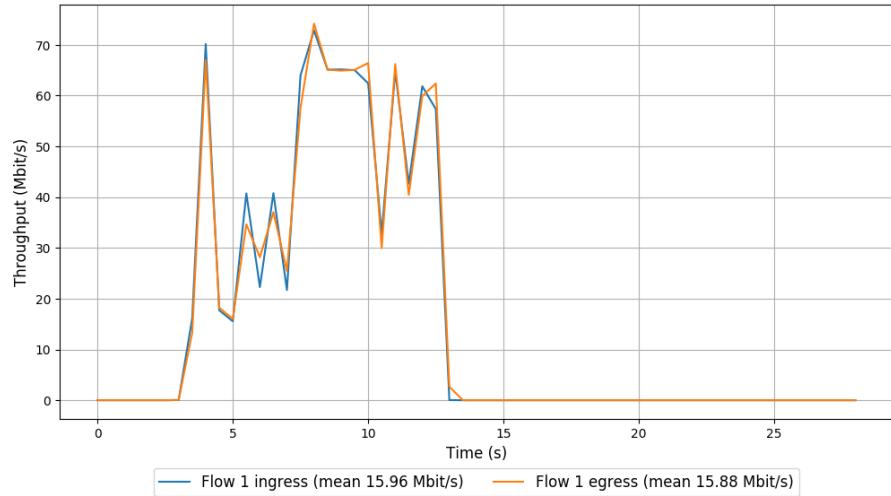


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:28:37 +0000
End at: Fri, 16 Jun 2017 03:29:07 +0000
Local clock offset: 5.208 ms
Remote clock offset: 1.619 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 55.195 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 55.195 ms
Loss rate: 0.49%
```

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

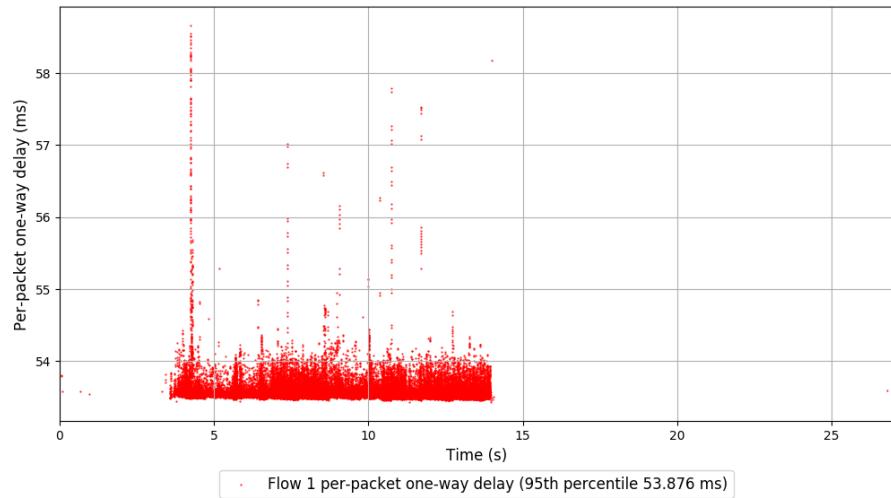
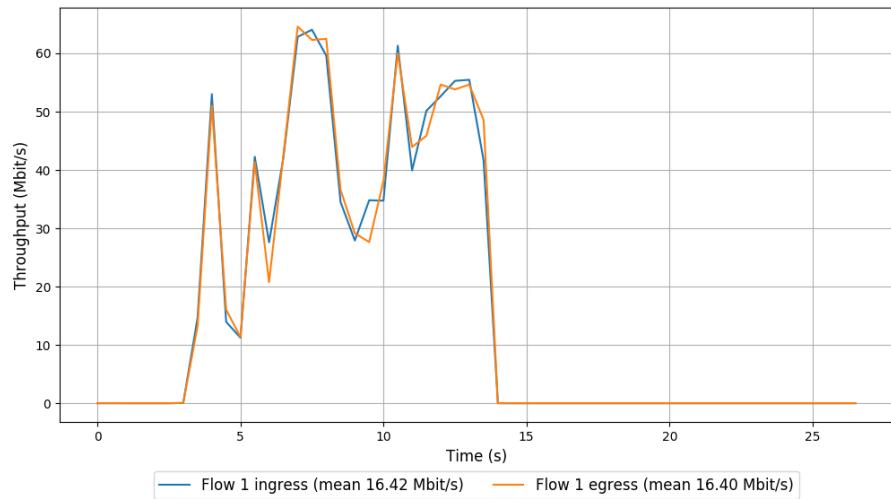


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 03:46:04 +0000
End at: Fri, 16 Jun 2017 03:46:34 +0000
Local clock offset: 5.562 ms
Remote clock offset: 1.345 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 53.876 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 53.876 ms
Loss rate: 0.11%
```

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

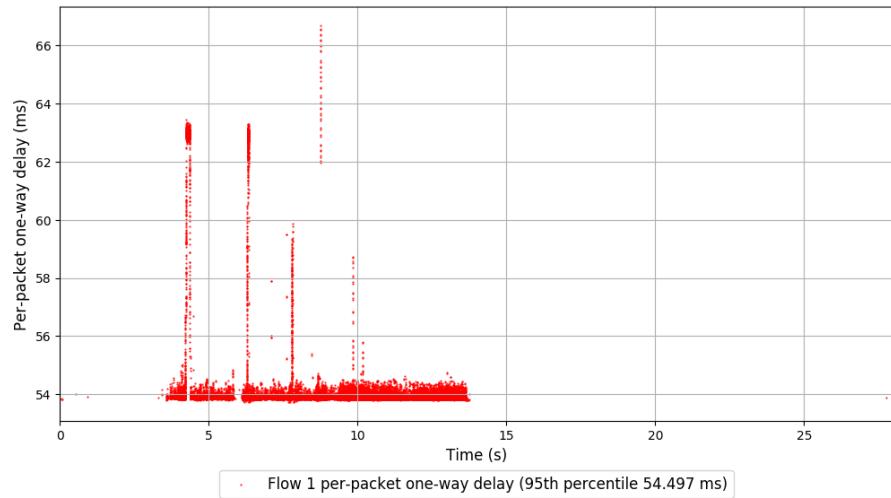
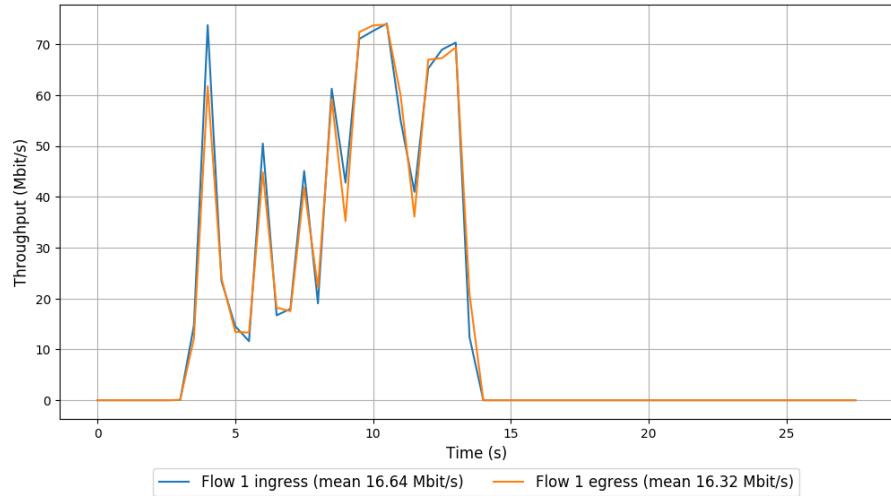


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:04:02 +0000
End at: Fri, 16 Jun 2017 04:04:32 +0000
Local clock offset: 4.657 ms
Remote clock offset: -0.145 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 54.497 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 54.497 ms
Loss rate: 1.95%
```

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

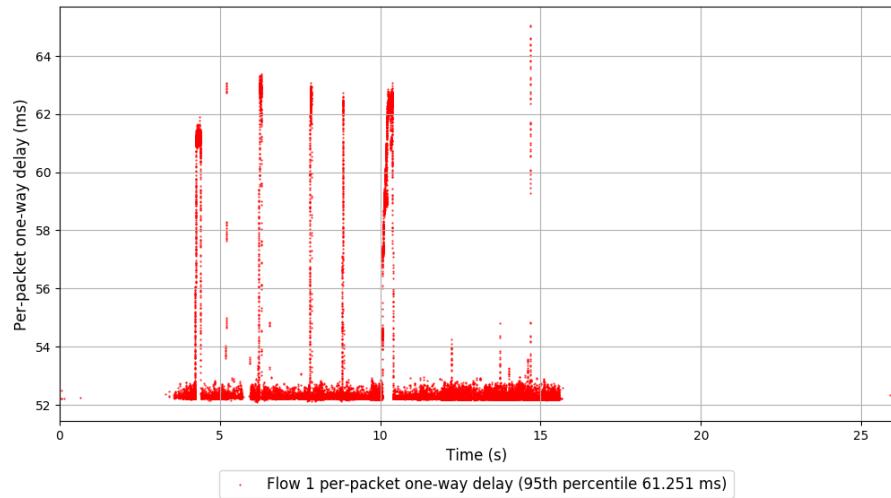
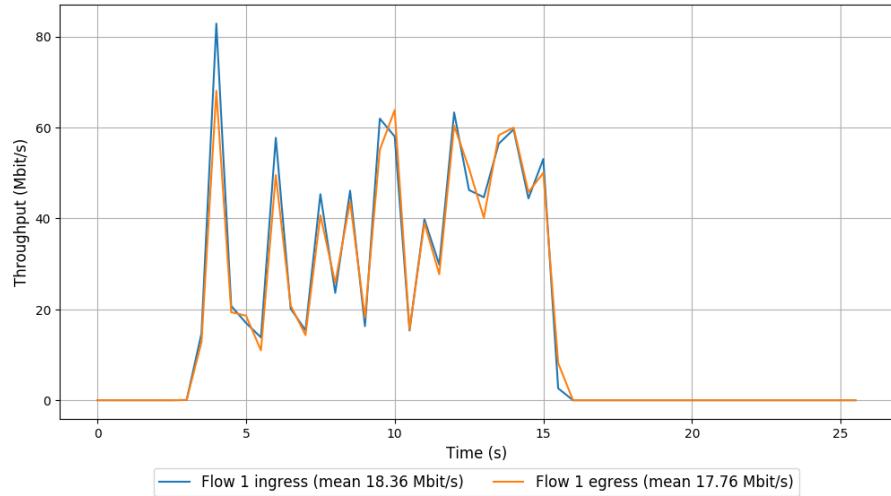


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:21:29 +0000
End at: Fri, 16 Jun 2017 04:21:59 +0000
Local clock offset: 3.591 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 61.251 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 61.251 ms
Loss rate: 3.27%
```

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

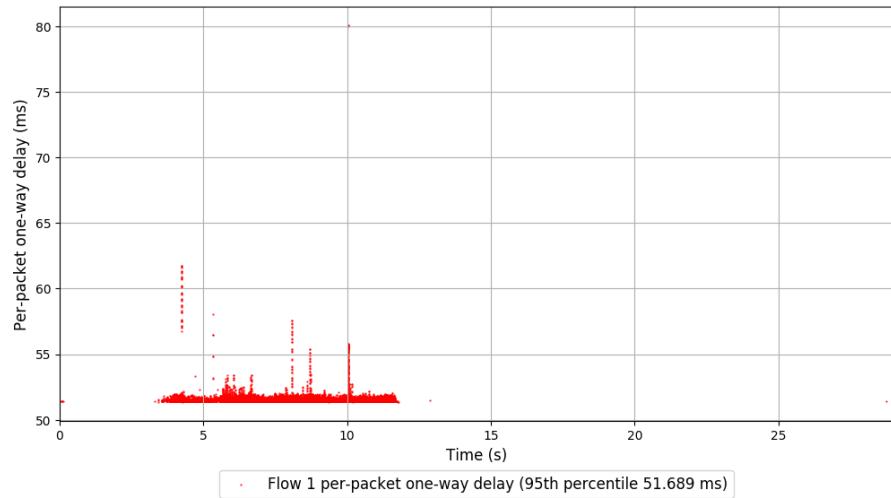
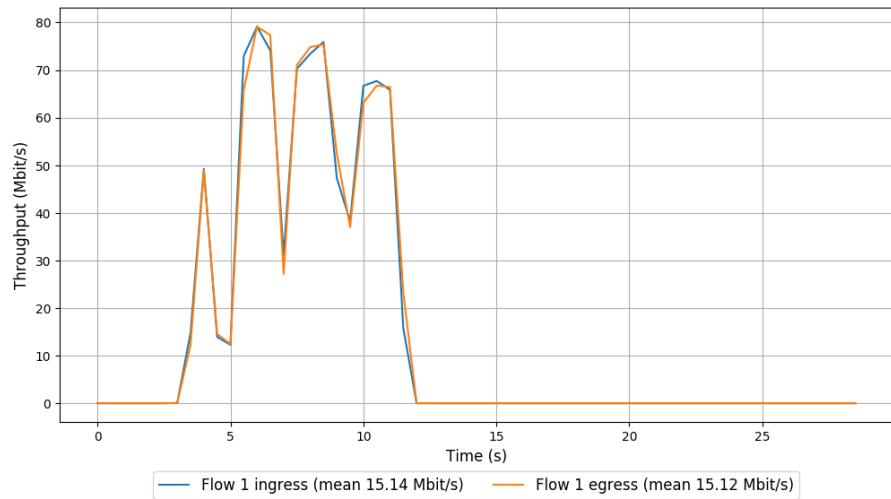


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 04:39:11 +0000
End at: Fri, 16 Jun 2017 04:39:41 +0000
Local clock offset: 1.921 ms
Remote clock offset: -4.999 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 51.689 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 51.689 ms
Loss rate: 0.10%
```

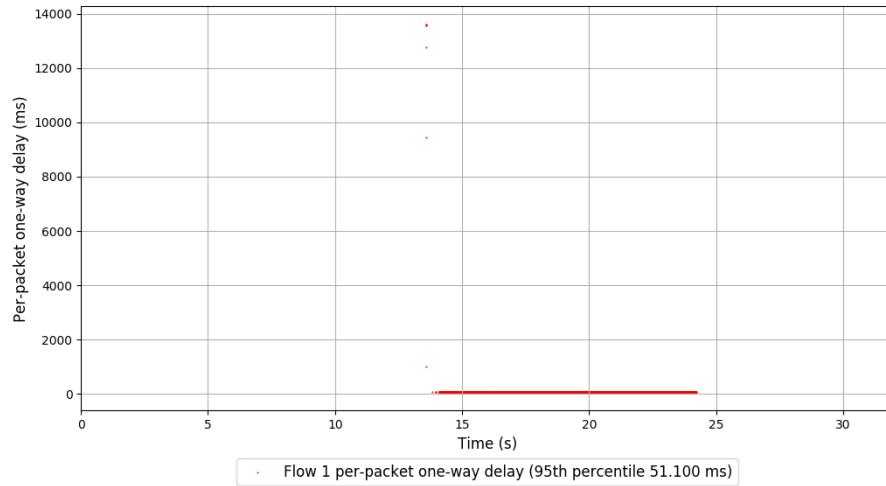
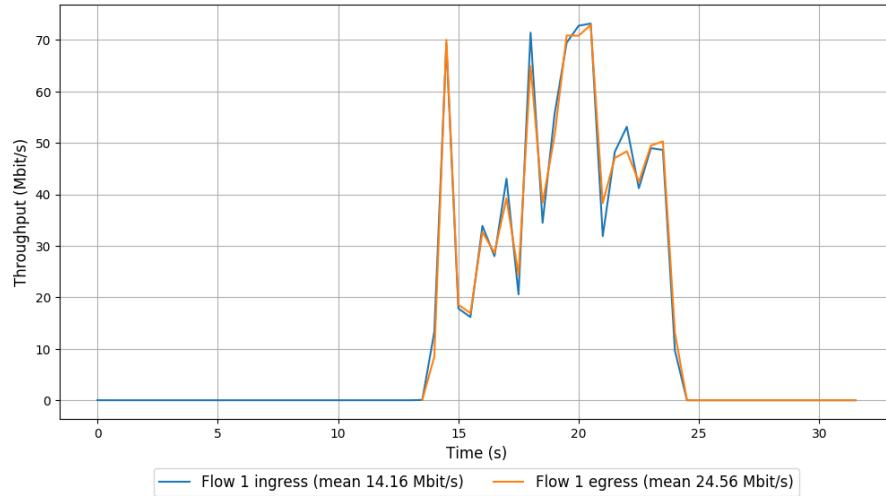
Run 9: Report of QUIC Cubic (toy) — Data Link



Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 16 Jun 2017 04:56:36 +0000
End at: Fri, 16 Jun 2017 04:57:06 +0000
Local clock offset: 0.582 ms
Remote clock offset: -6.669 ms

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



Run 1: Statistics of Saturator

Start at: Fri, 16 Jun 2017 02:10:58 +0000

End at: Fri, 16 Jun 2017 02:11:28 +0000

Local clock offset: 1.843 ms

Remote clock offset: 0.257 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:40:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.80 Mbit/s

95th percentile per-packet one-way delay: 57.835 ms

Loss rate: 1.12%

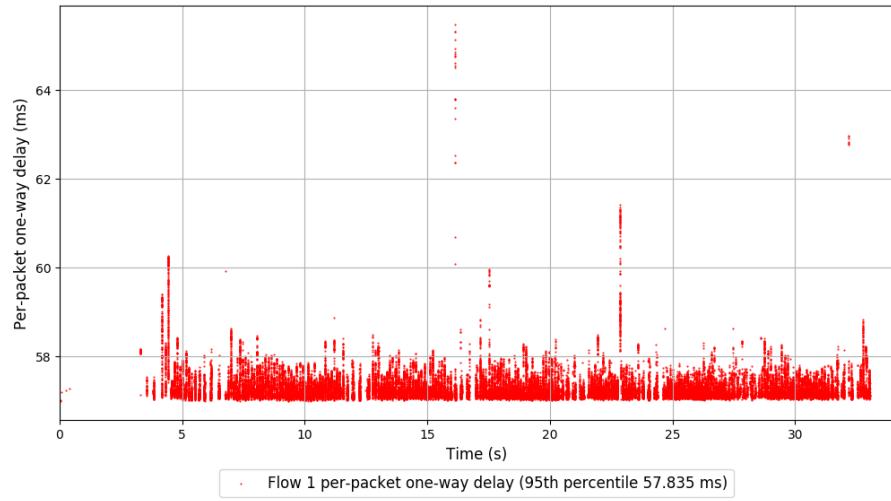
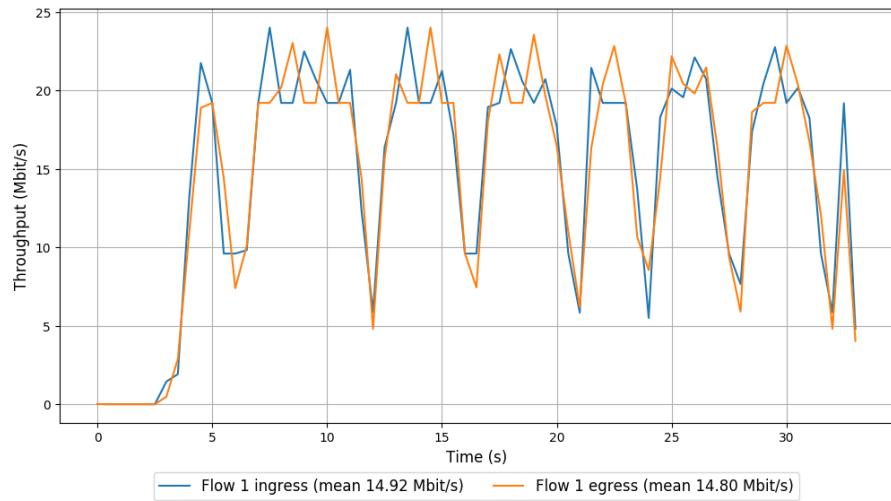
-- Flow 1:

Average throughput: 14.80 Mbit/s

95th percentile per-packet one-way delay: 57.835 ms

Loss rate: 1.12%

Run 1: Report of Saturator — Data Link

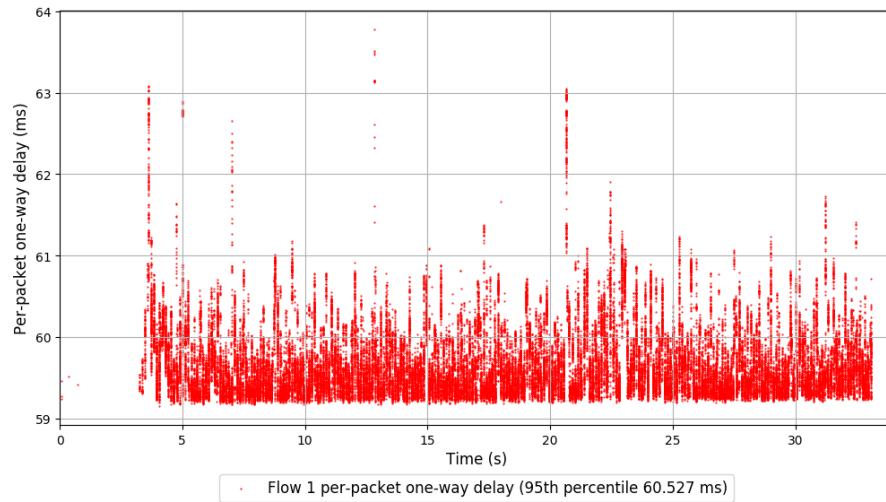
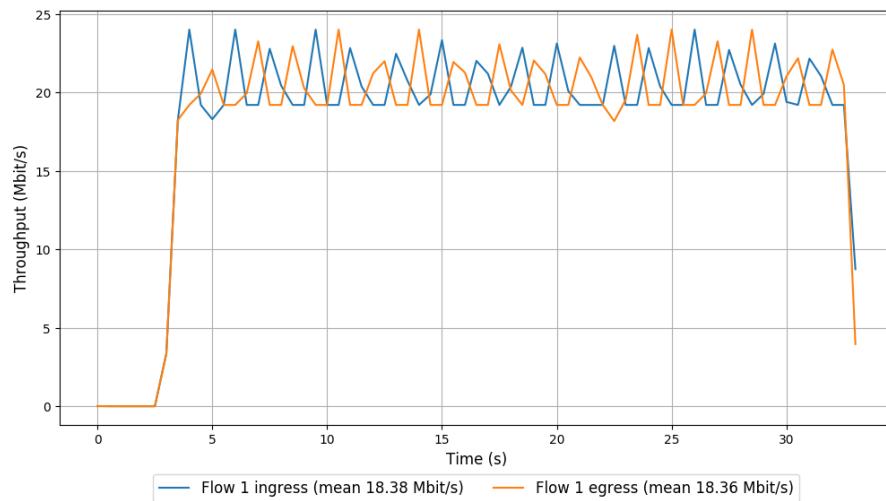


Run 2: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:28:28 +0000
End at: Fri, 16 Jun 2017 02:28:58 +0000
Local clock offset: 0.187 ms
Remote clock offset: 1.365 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.36 Mbit/s
95th percentile per-packet one-way delay: 60.527 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 18.36 Mbit/s
95th percentile per-packet one-way delay: 60.527 ms
Loss rate: 0.47%
```

Run 2: Report of Saturator — Data Link

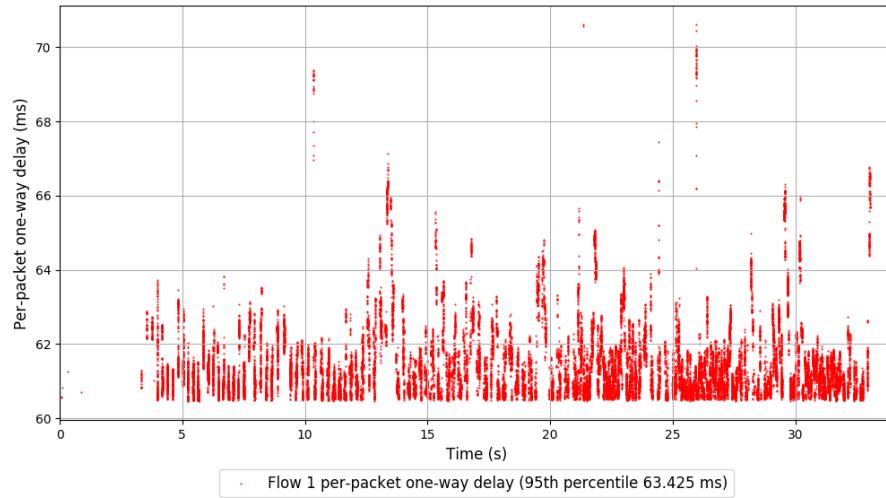
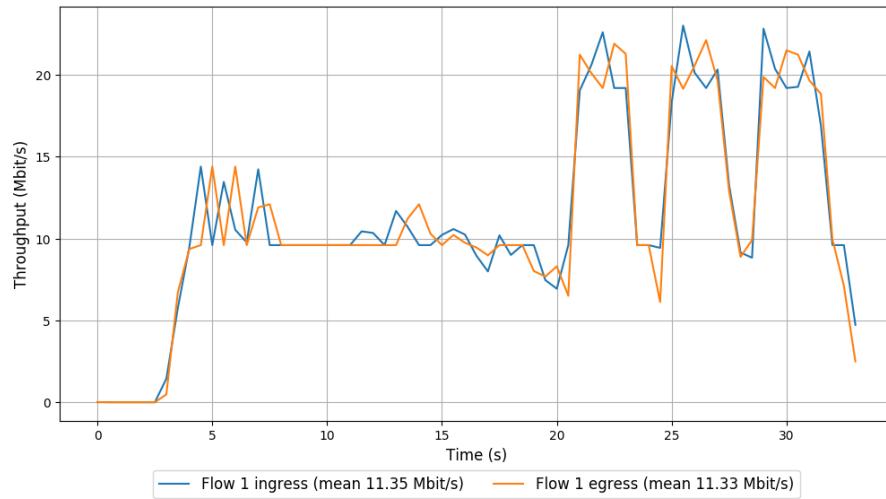


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:45:50 +0000
End at: Fri, 16 Jun 2017 02:46:20 +0000
Local clock offset: -0.305 ms
Remote clock offset: -54.888 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:40:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.33 Mbit/s
95th percentile per-packet one-way delay: 63.425 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 11.33 Mbit/s
95th percentile per-packet one-way delay: 63.425 ms
Loss rate: 0.79%
```

Run 3: Report of Saturator — Data Link

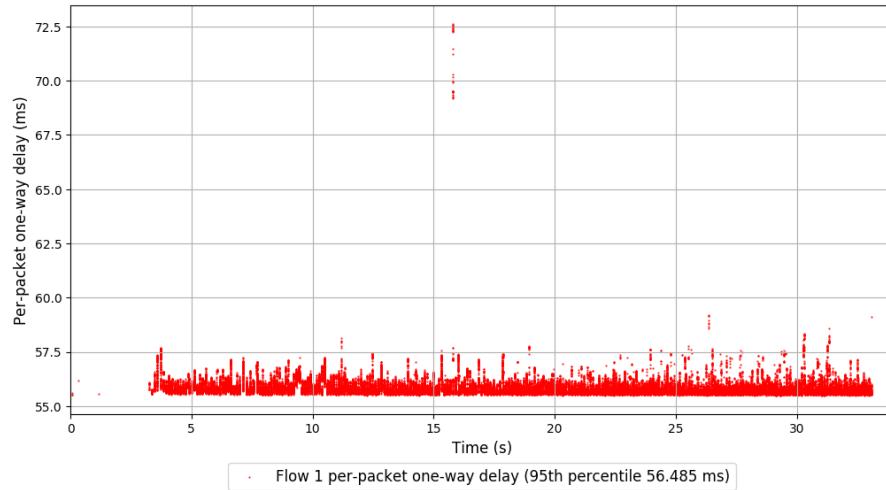
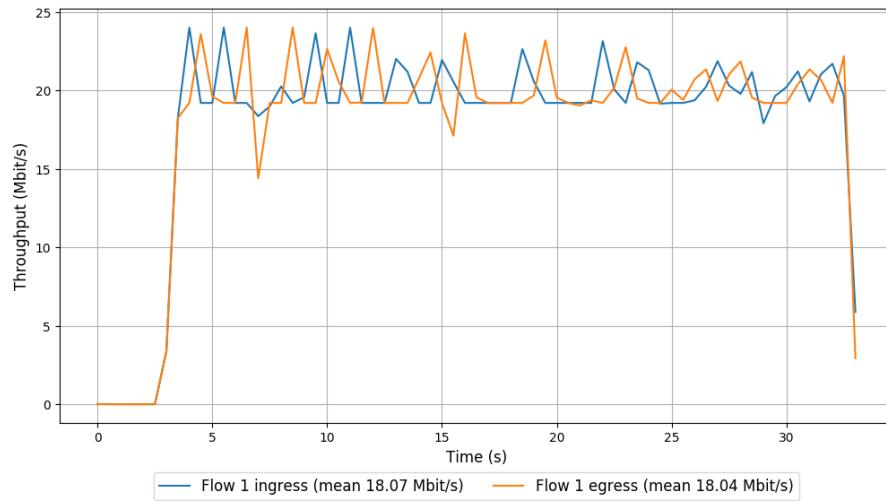


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:03:13 +0000
End at: Fri, 16 Jun 2017 03:03:43 +0000
Local clock offset: 4.08 ms
Remote clock offset: 1.47 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.04 Mbit/s
95th percentile per-packet one-way delay: 56.485 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 18.04 Mbit/s
95th percentile per-packet one-way delay: 56.485 ms
Loss rate: 0.51%
```

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Fri, 16 Jun 2017 03:20:41 +0000

End at: Fri, 16 Jun 2017 03:21:11 +0000

Local clock offset: 4.974 ms

Remote clock offset: 1.456 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:41:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.94 Mbit/s

95th percentile per-packet one-way delay: 55.158 ms

Loss rate: 0.48%

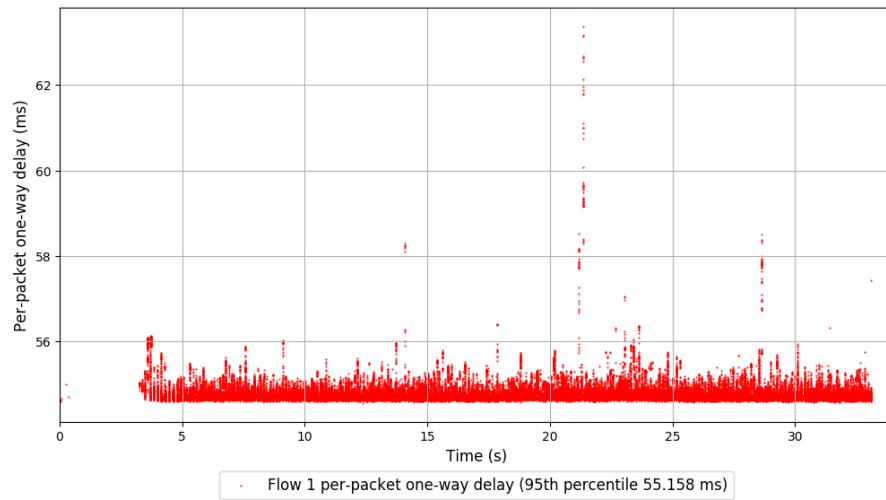
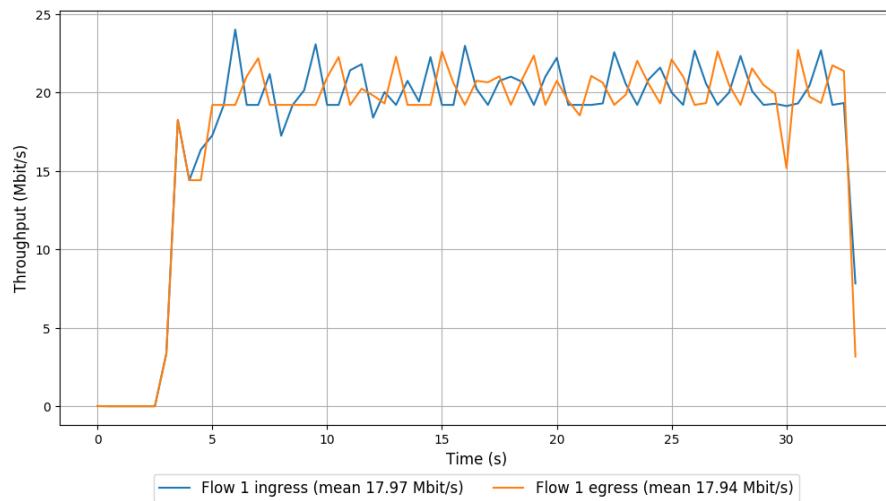
-- Flow 1:

Average throughput: 17.94 Mbit/s

95th percentile per-packet one-way delay: 55.158 ms

Loss rate: 0.48%

Run 5: Report of Saturator — Data Link

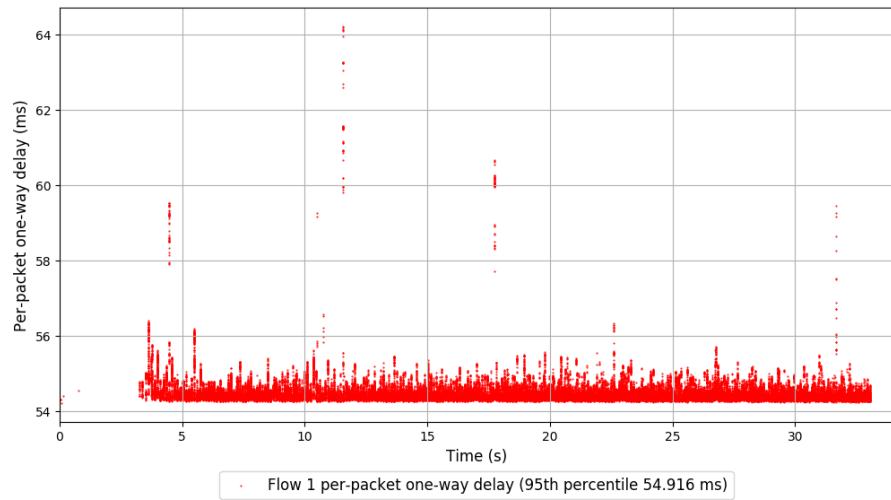
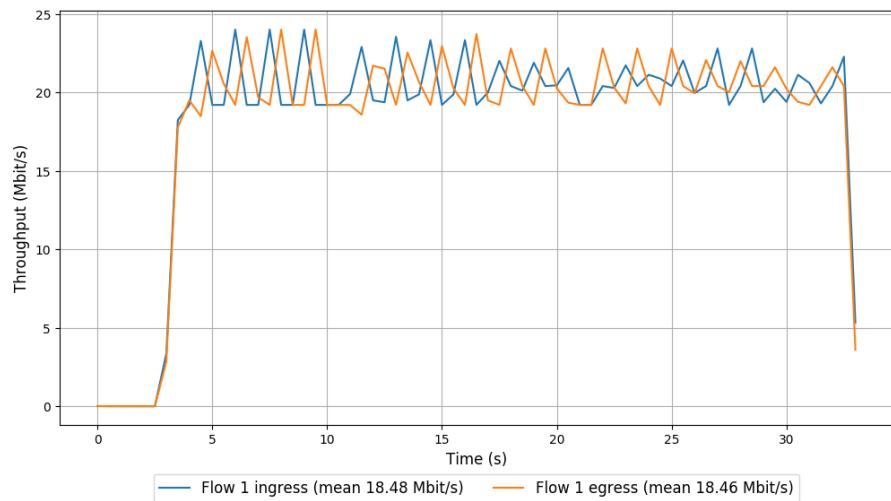


Run 6: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:38:03 +0000
End at: Fri, 16 Jun 2017 03:38:33 +0000
Local clock offset: 5.359 ms
Remote clock offset: 1.547 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 54.916 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 54.916 ms
Loss rate: 0.49%
```

Run 6: Report of Saturator — Data Link

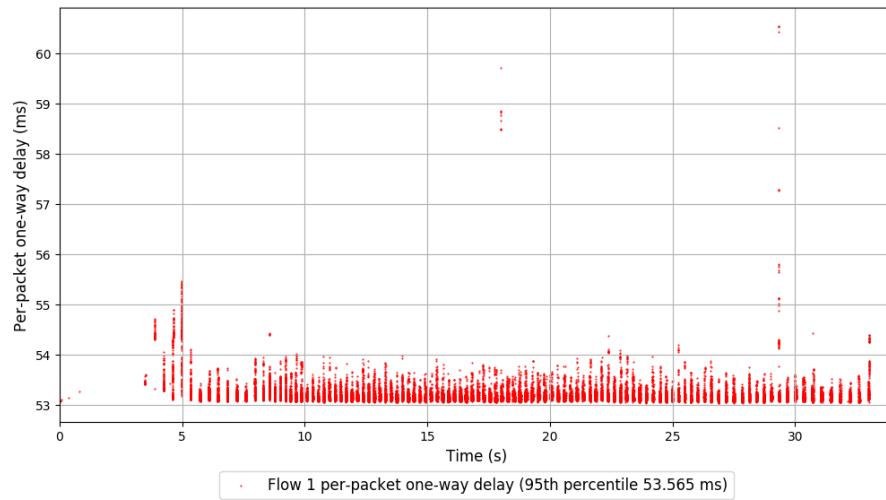
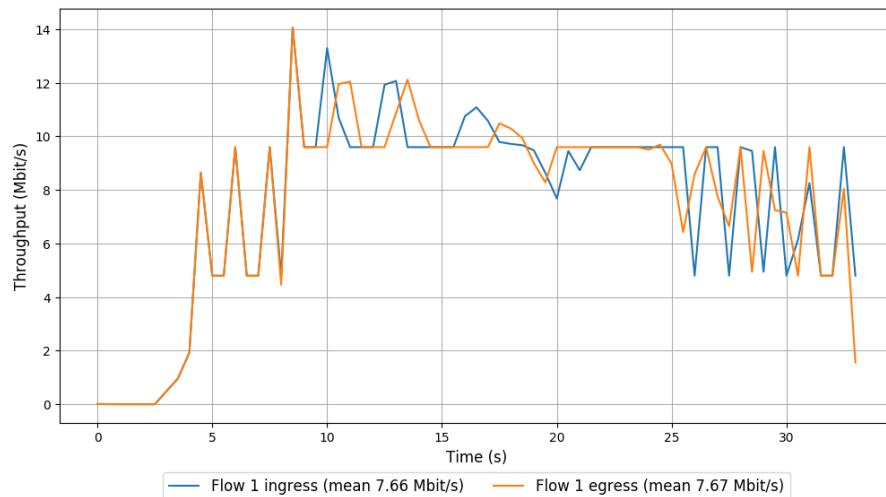


Run 7: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 03:55:43 +0000
End at: Fri, 16 Jun 2017 03:56:13 +0000
Local clock offset: 5.533 ms
Remote clock offset: -107.104 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 53.565 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 53.565 ms
Loss rate: 1.01%
```

Run 7: Report of Saturator — Data Link

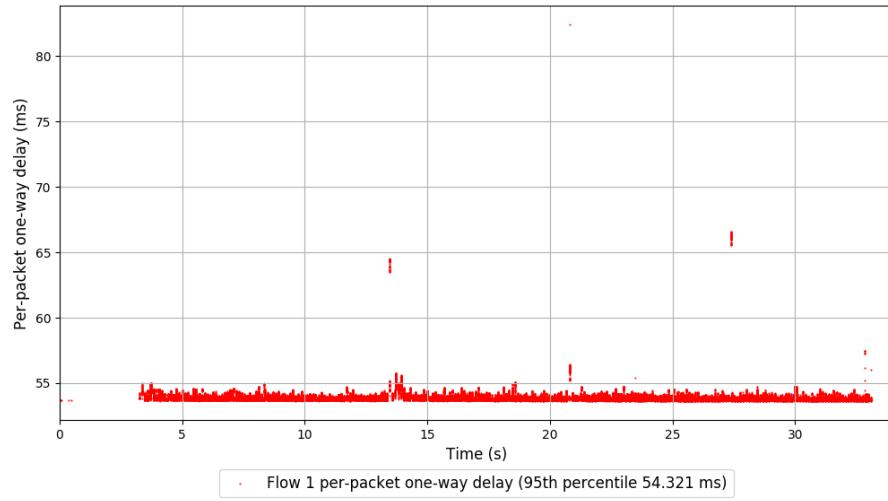
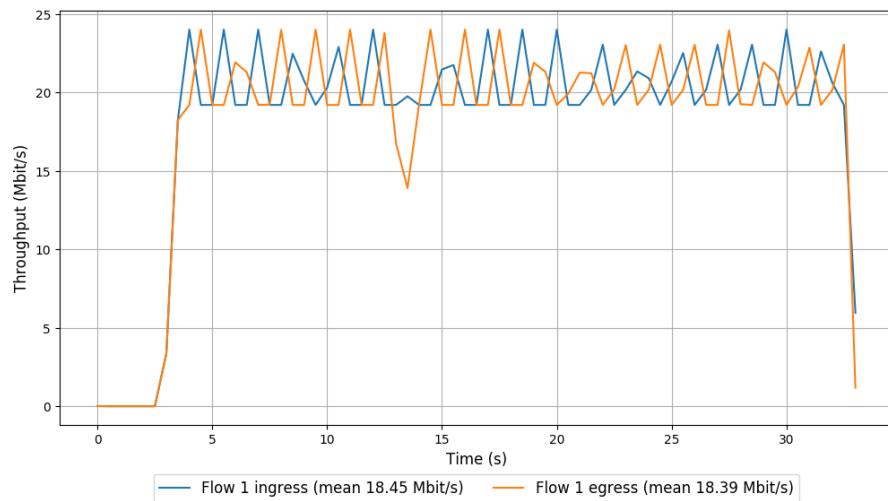


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:13:30 +0000
End at: Fri, 16 Jun 2017 04:14:00 +0000
Local clock offset: 3.968 ms
Remote clock offset: -0.235 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 54.321 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 54.321 ms
Loss rate: 0.69%
```

Run 8: Report of Saturator — Data Link

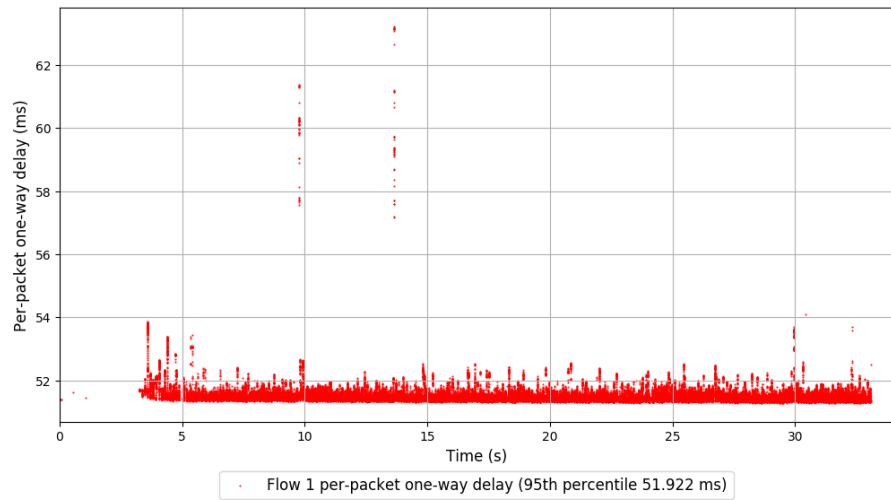
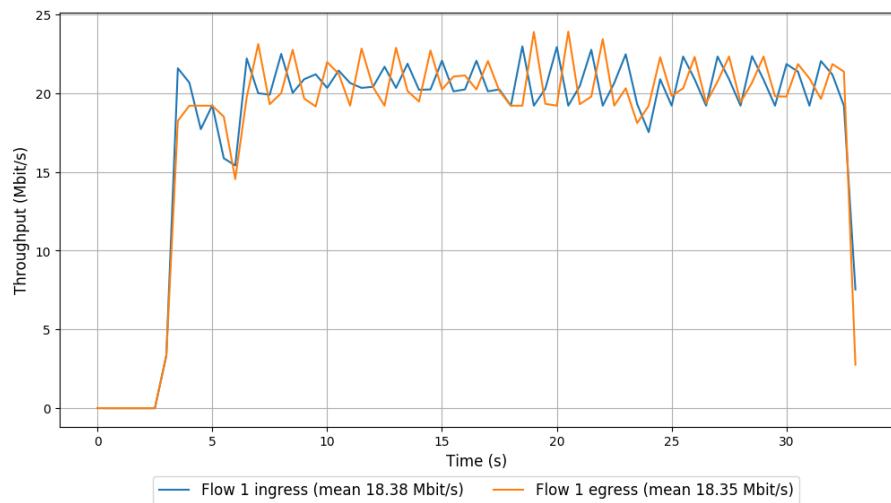


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:31:04 +0000
End at: Fri, 16 Jun 2017 04:31:34 +0000
Local clock offset: 2.998 ms
Remote clock offset: -3.484 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 51.922 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 51.922 ms
Loss rate: 0.51%
```

Run 9: Report of Saturator — Data Link

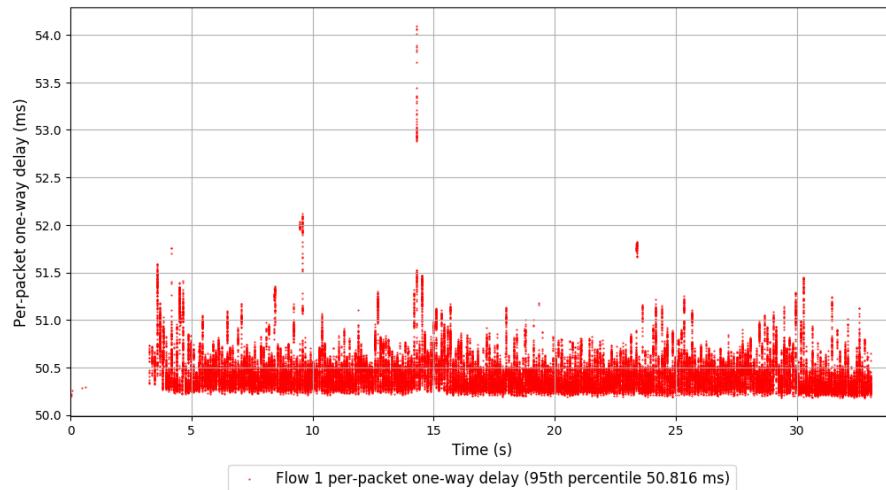
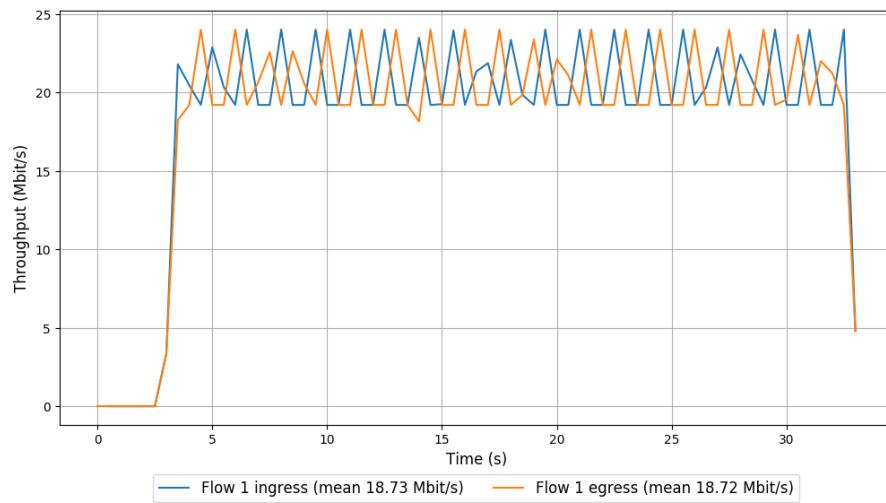


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 04:48:29 +0000
End at: Fri, 16 Jun 2017 04:48:59 +0000
Local clock offset: 1.127 ms
Remote clock offset: -6.259 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 50.816 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 50.816 ms
Loss rate: 0.43%
```

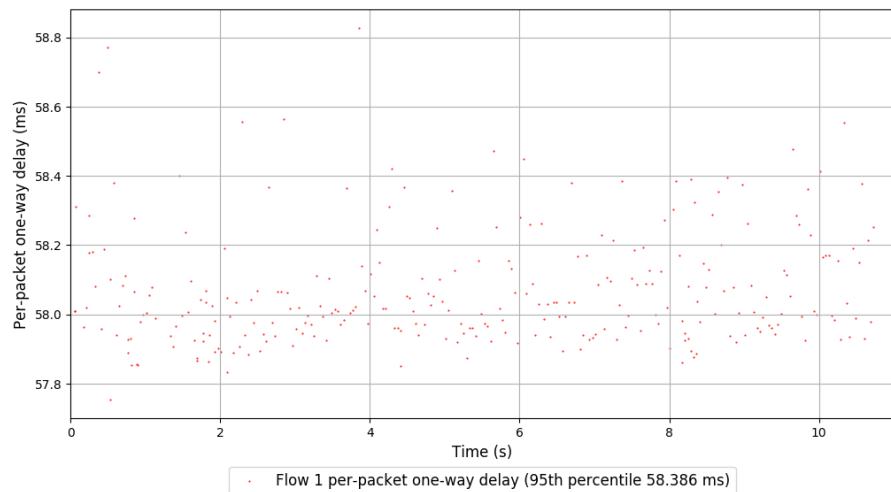
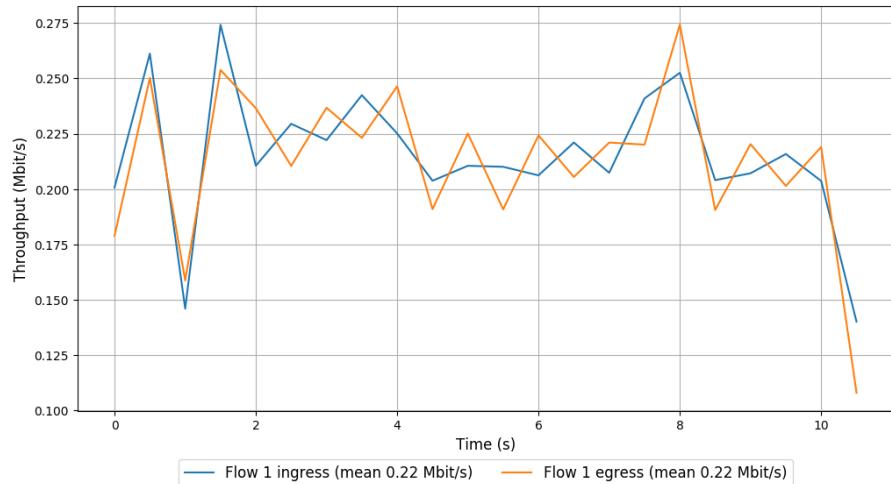
Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 02:20:16 +0000
End at: Fri, 16 Jun 2017 02:20:46 +0000
Local clock offset: 1.405 ms
Remote clock offset: 1.443 ms

Run 1: Report of SCReAM — Data Link

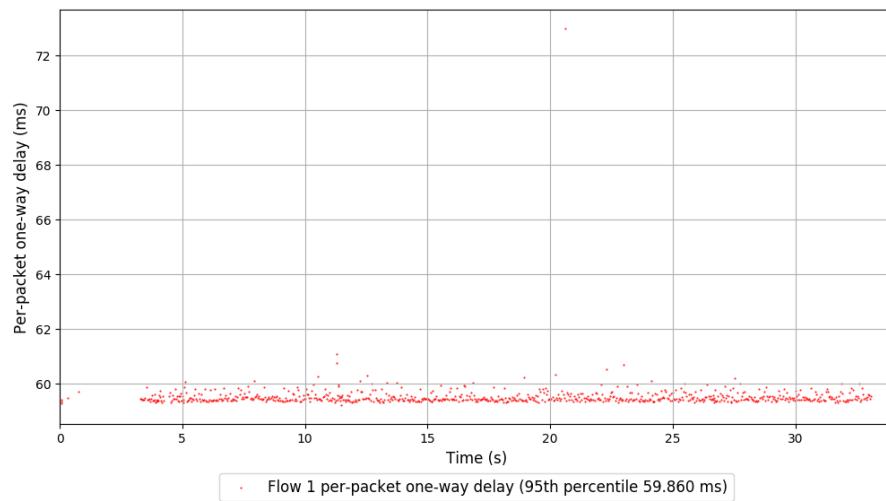
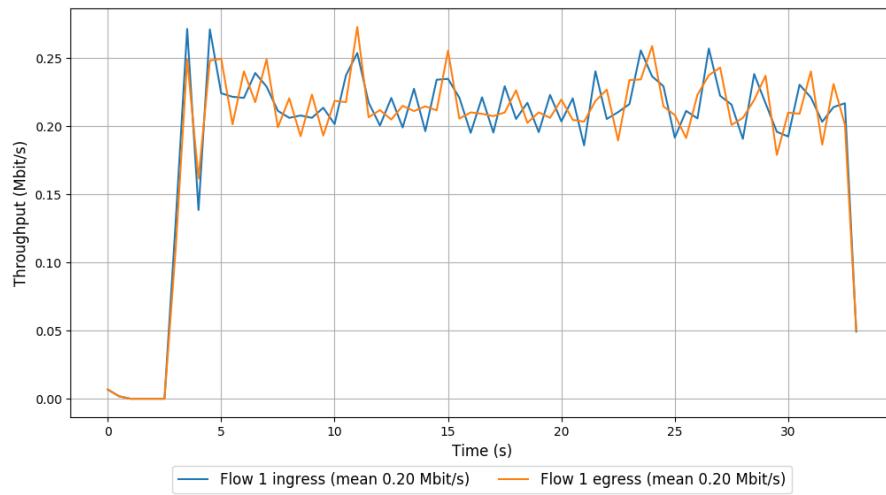


Run 2: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:37:30 +0000
End at: Fri, 16 Jun 2017 02:38:00 +0000
Local clock offset: -0.198 ms
Remote clock offset: 1.518 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.860 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.860 ms
Loss rate: 0.25%
```

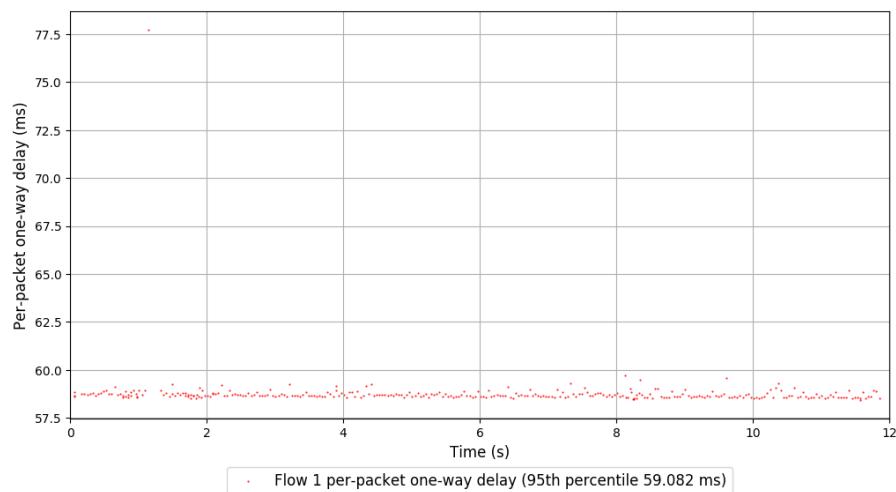
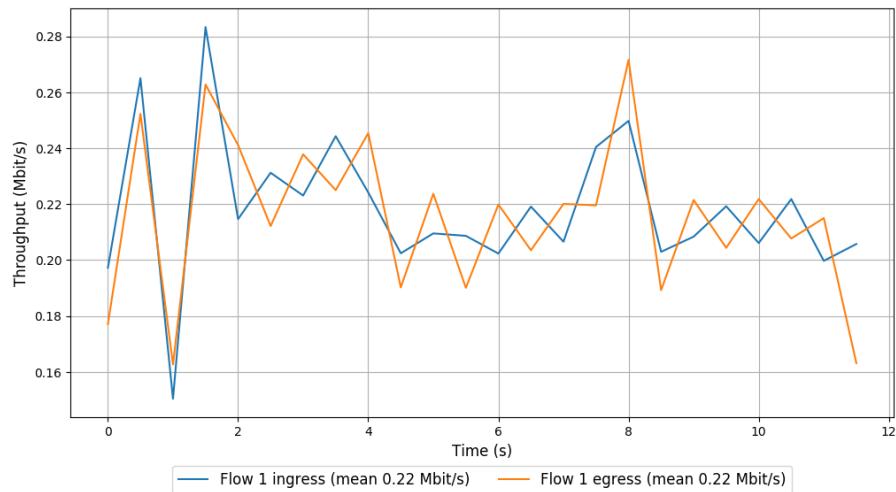
Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 02:54:58 +0000
End at: Fri, 16 Jun 2017 02:55:28 +0000
Local clock offset: 0.515 ms
Remote clock offset: 1.865 ms

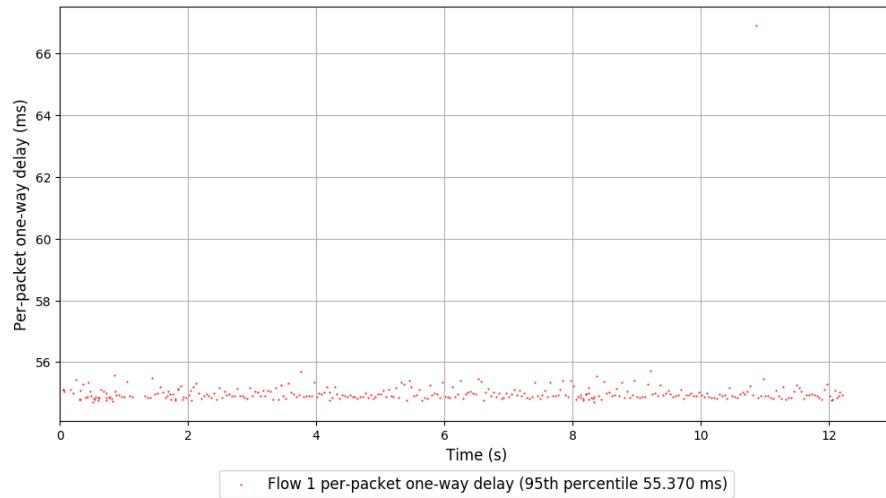
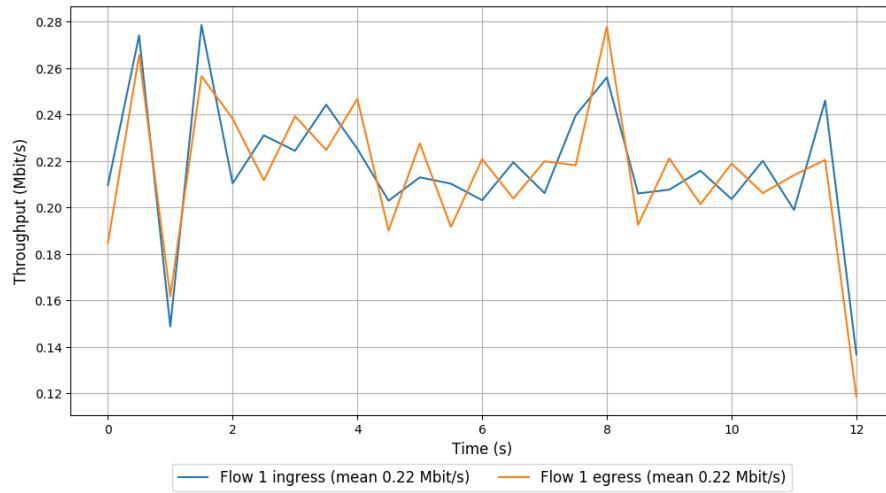
Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 03:12:19 +0000
End at: Fri, 16 Jun 2017 03:12:49 +0000
Local clock offset: 4.664 ms
Remote clock offset: 1.901 ms

Run 4: Report of SCReAM — Data Link

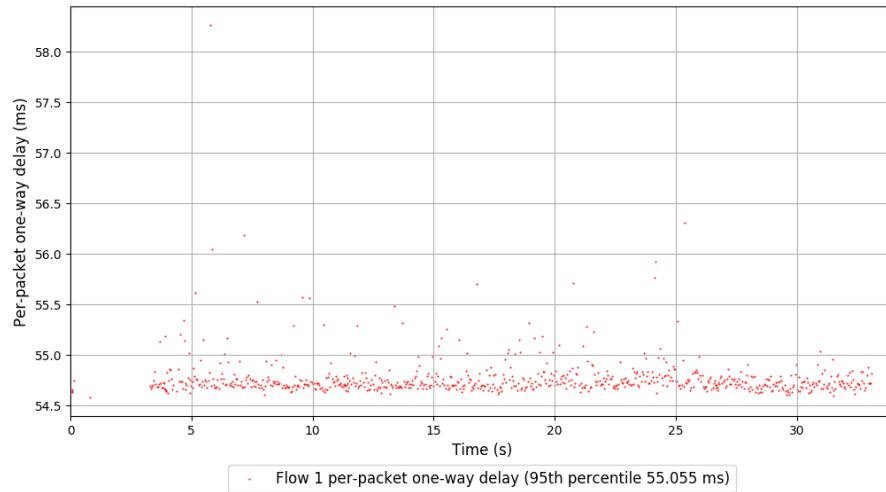
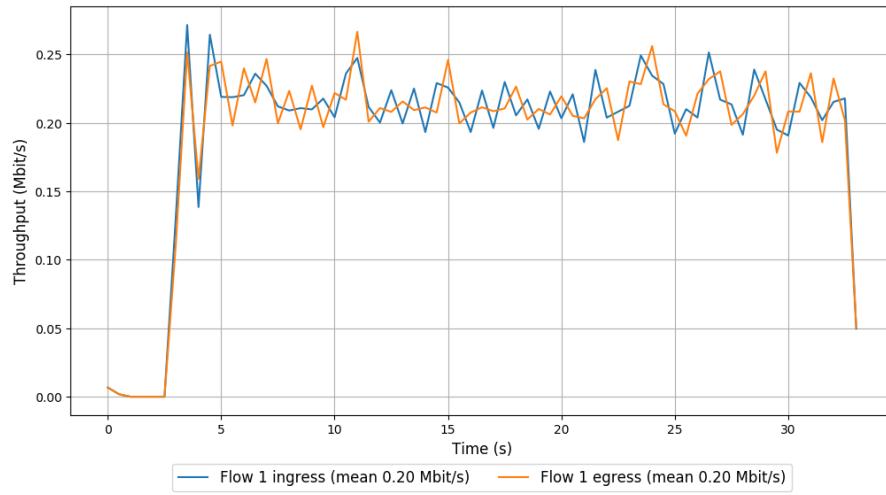


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:29:45 +0000
End at: Fri, 16 Jun 2017 03:30:15 +0000
Local clock offset: 5.145 ms
Remote clock offset: 1.541 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 55.055 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 55.055 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

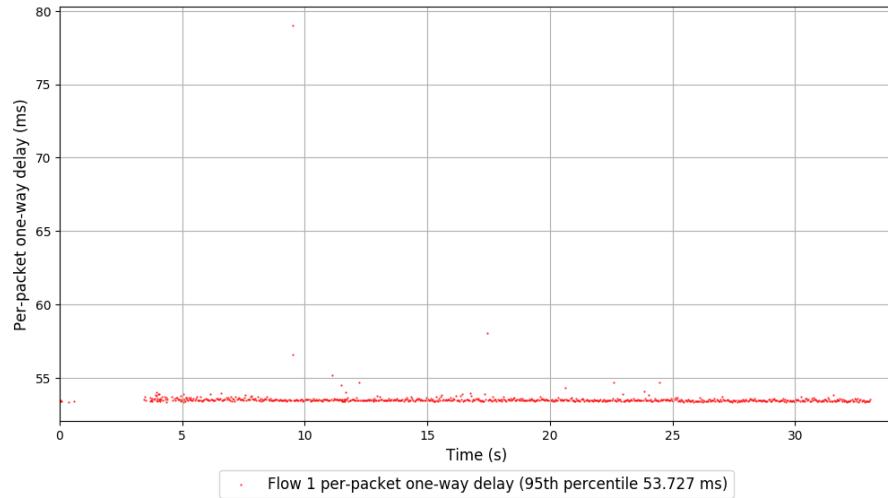
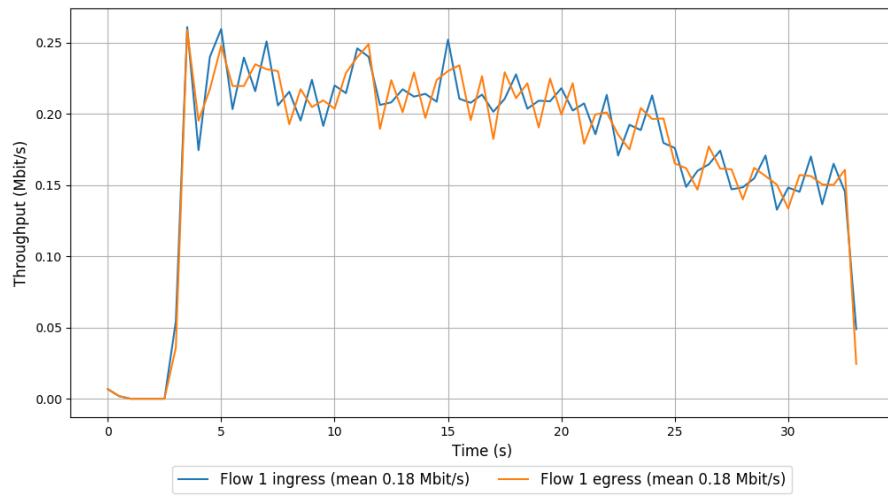


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 03:47:11 +0000
End at: Fri, 16 Jun 2017 03:47:41 +0000
Local clock offset: 5.555 ms
Remote clock offset: 1.468 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 53.727 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 53.727 ms
Loss rate: 0.44%
```

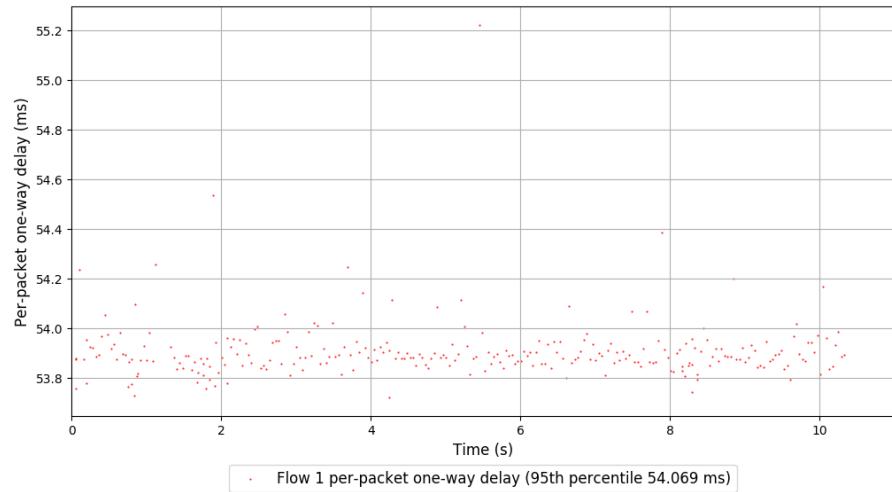
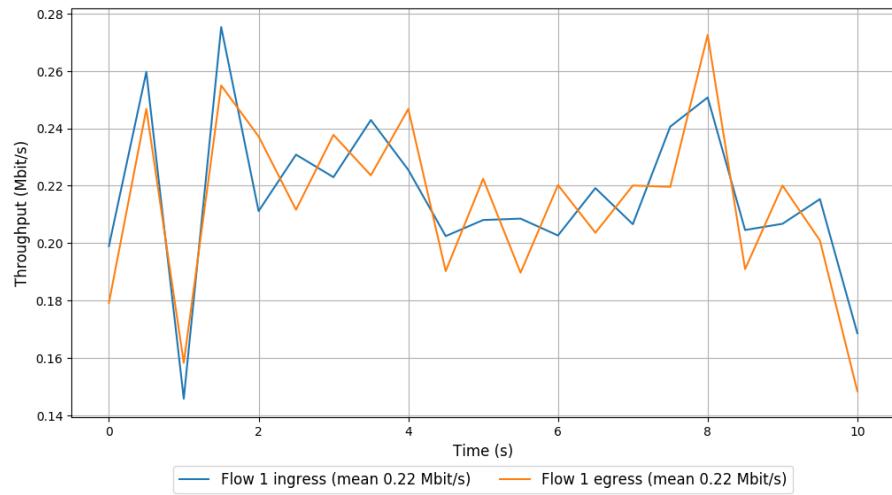
Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 04:05:09 +0000
End at: Fri, 16 Jun 2017 04:05:39 +0000
Local clock offset: 4.657 ms
Remote clock offset: 0.346 ms

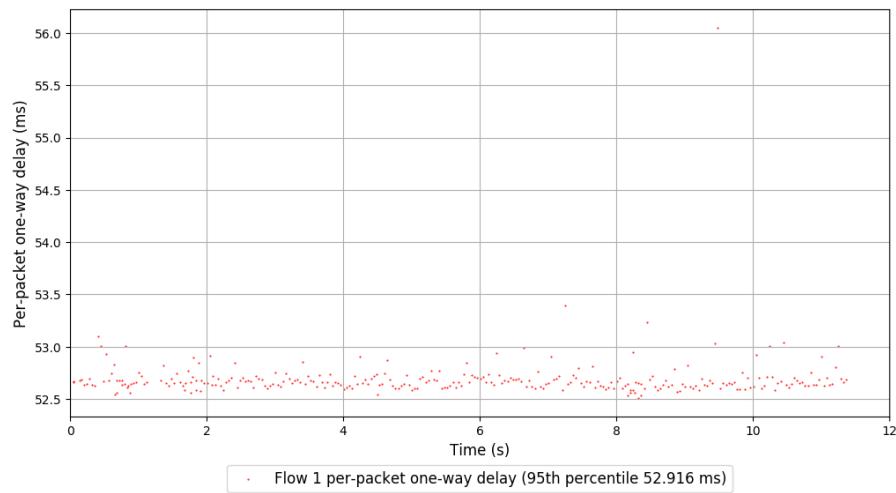
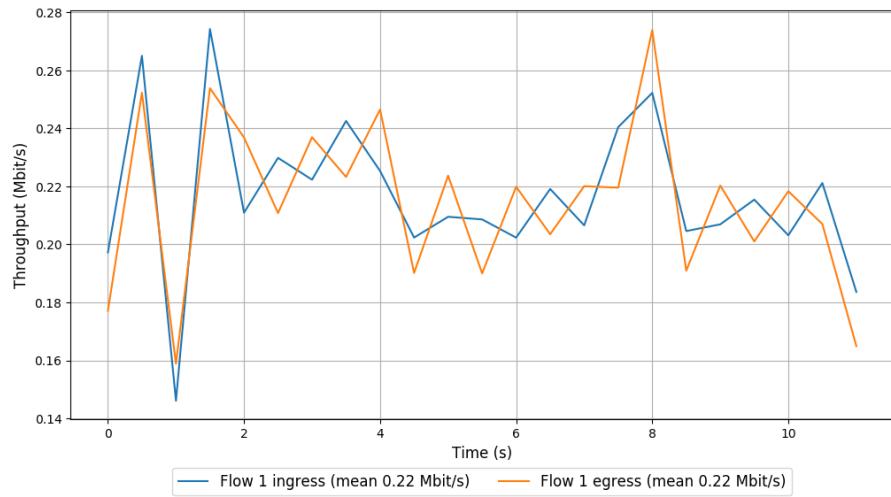
Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 04:22:37 +0000
End at: Fri, 16 Jun 2017 04:23:07 +0000
Local clock offset: 3.382 ms
Remote clock offset: -1.595 ms

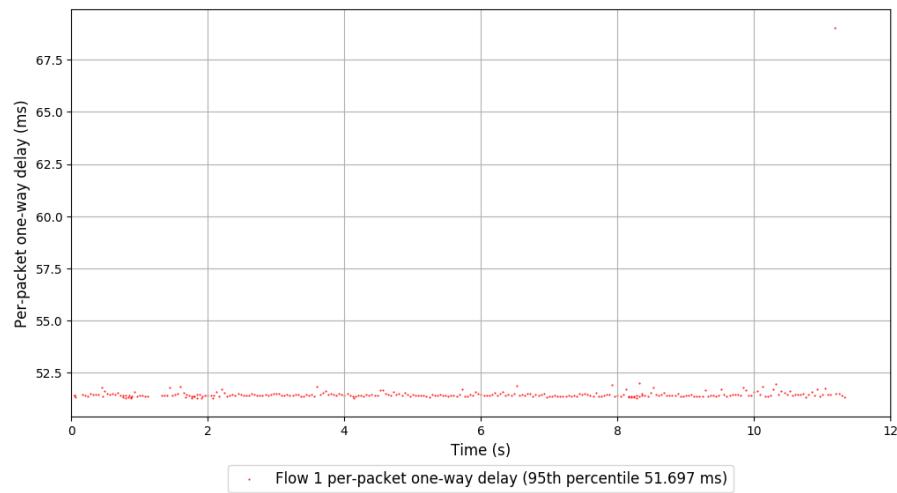
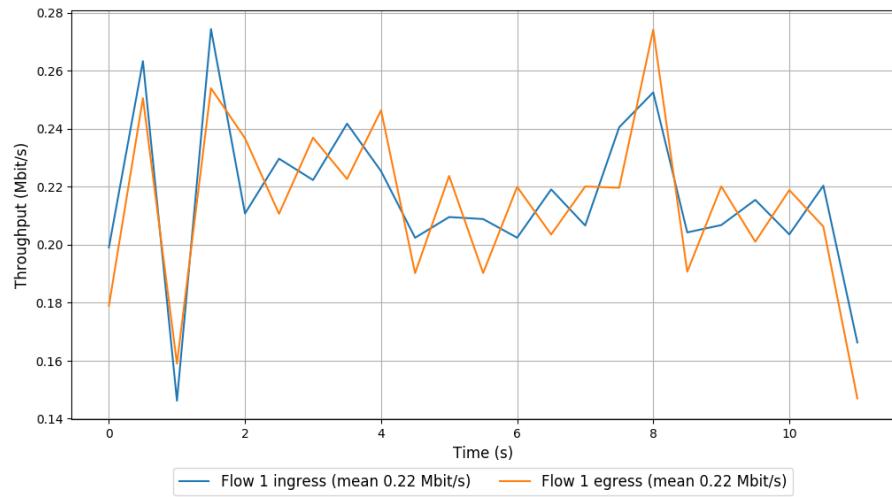
Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 04:40:18 +0000
End at: Fri, 16 Jun 2017 04:40:48 +0000
Local clock offset: 1.764 ms
Remote clock offset: -5.087 ms

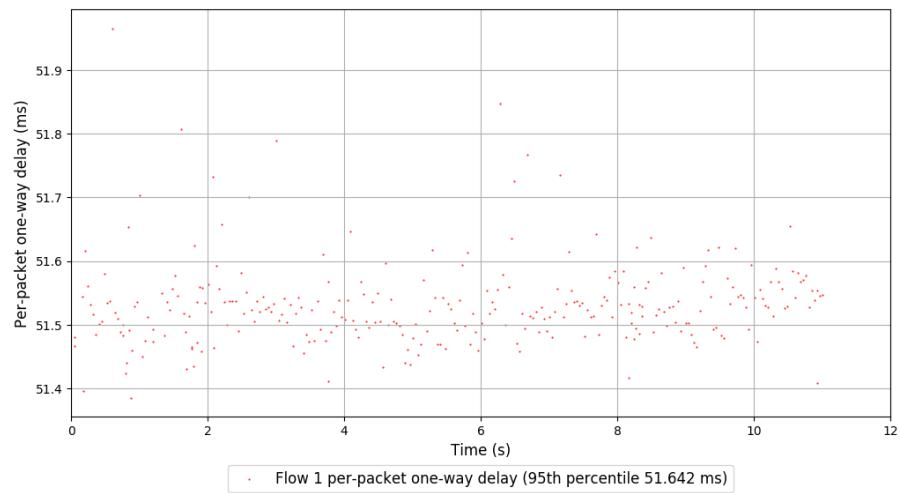
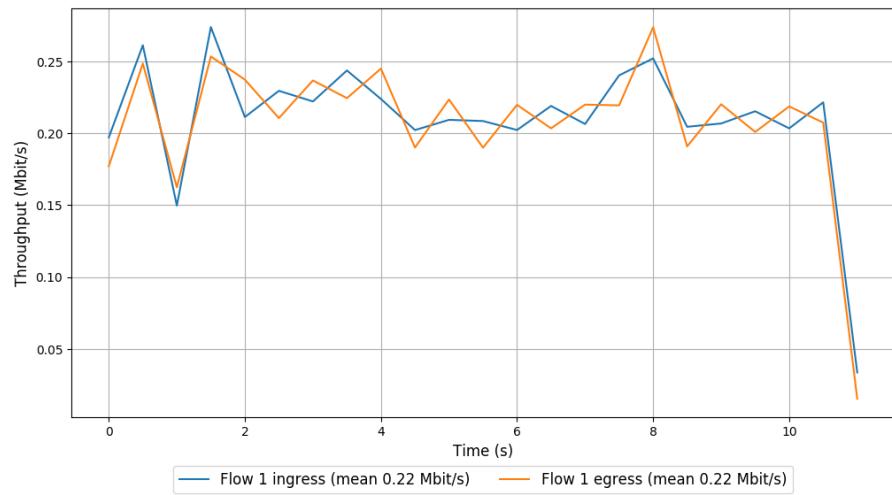
Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Fri, 16 Jun 2017 04:57:44 +0000
End at: Fri, 16 Jun 2017 04:58:14 +0000
Local clock offset: 0.524 ms
Remote clock offset: -6.721 ms

Run 10: Report of SCReAM — Data Link

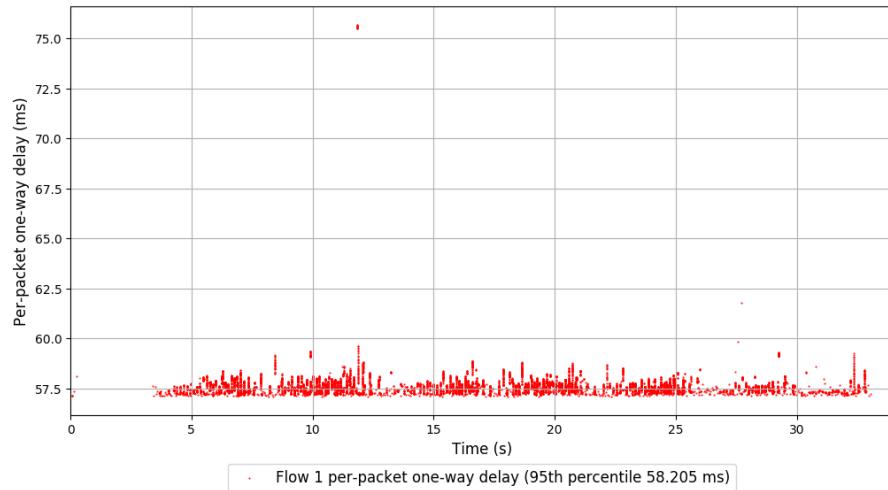
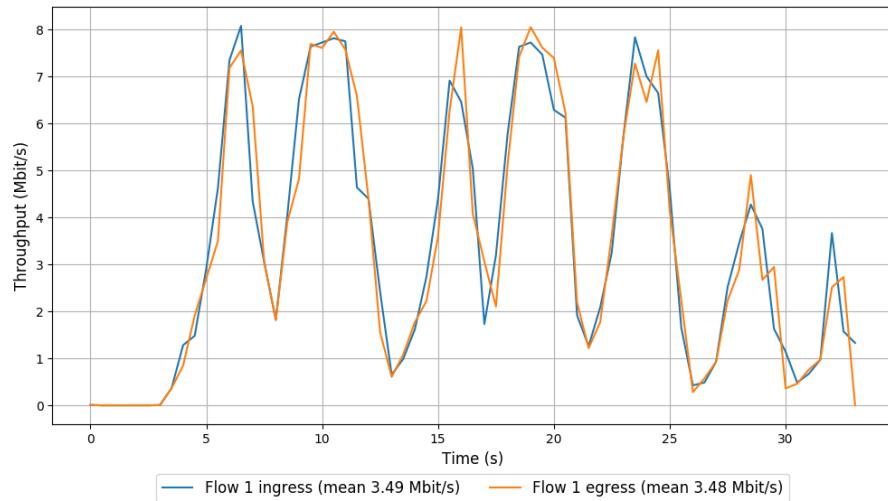


Run 1: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:14:39 +0000
End at: Fri, 16 Jun 2017 02:15:09 +0000
Local clock offset: 1.722 ms
Remote clock offset: 0.946 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 58.205 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 58.205 ms
Loss rate: 1.22%
```

Run 1: Report of Sprout — Data Link

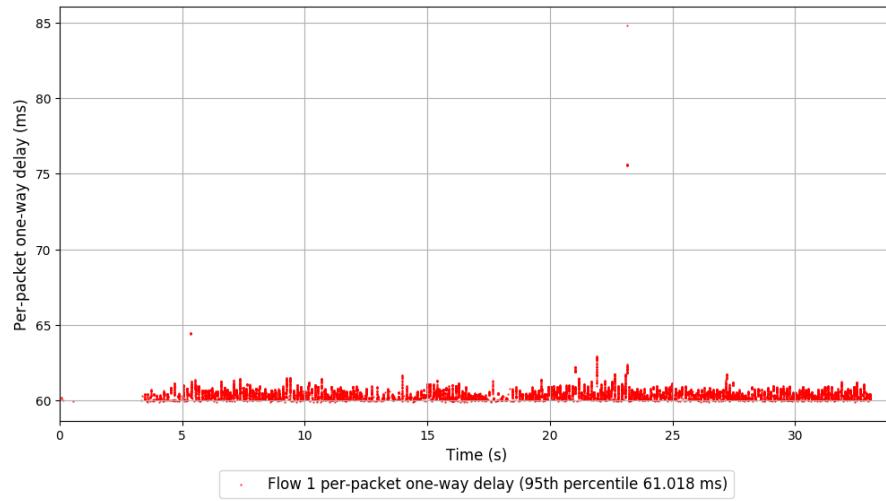
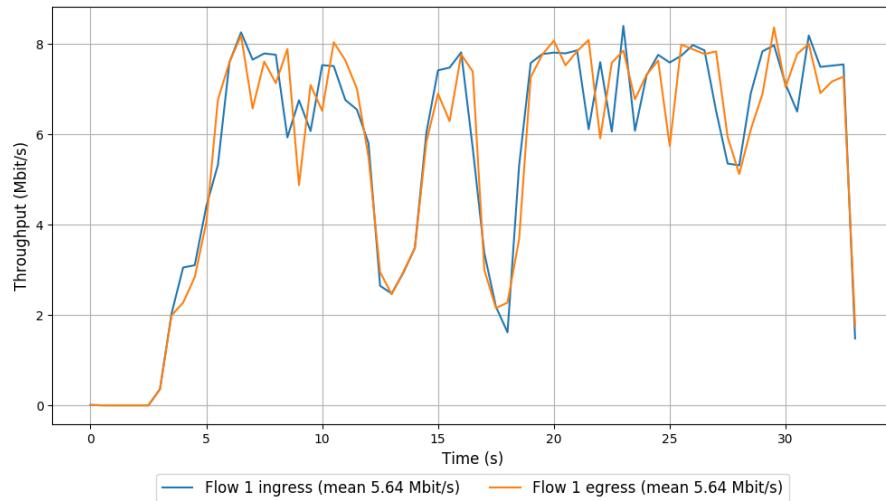


Run 2: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:31:57 +0000
End at: Fri, 16 Jun 2017 02:32:27 +0000
Local clock offset: -0.05 ms
Remote clock offset: 2.041 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.64 Mbit/s
95th percentile per-packet one-way delay: 61.018 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 5.64 Mbit/s
95th percentile per-packet one-way delay: 61.018 ms
Loss rate: 0.39%
```

Run 2: Report of Sprout — Data Link

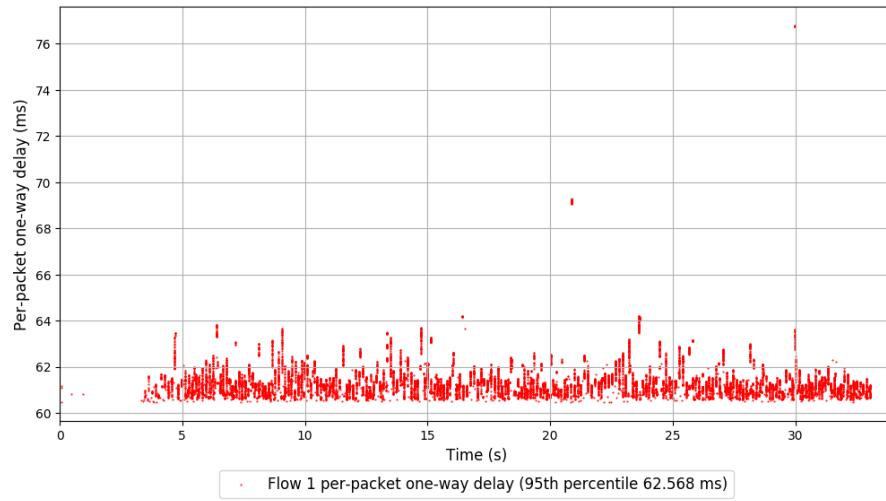
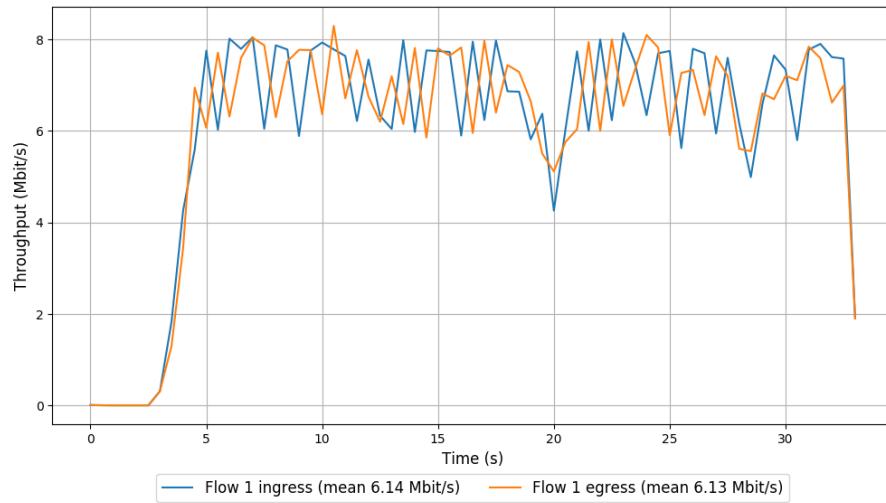


Run 3: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:49:20 +0000
End at: Fri, 16 Jun 2017 02:49:50 +0000
Local clock offset: -0.336 ms
Remote clock offset: 2.056 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 62.568 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 62.568 ms
Loss rate: 0.61%
```

Run 3: Report of Sprout — Data Link

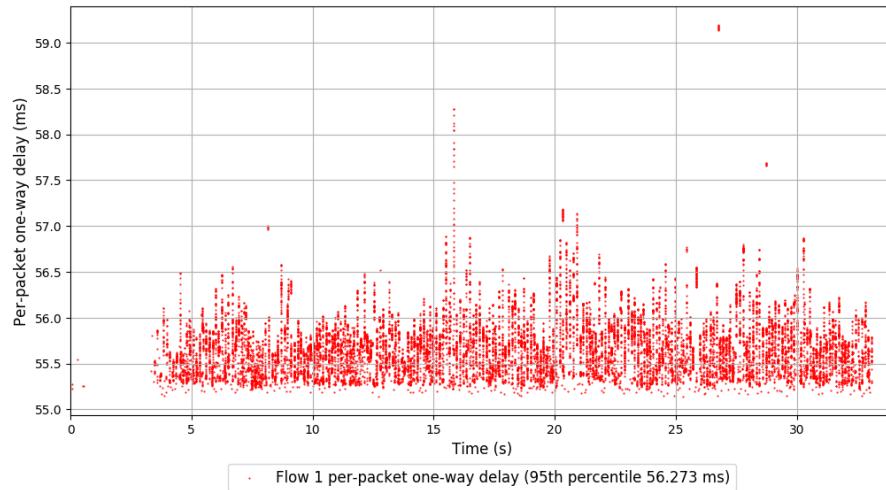
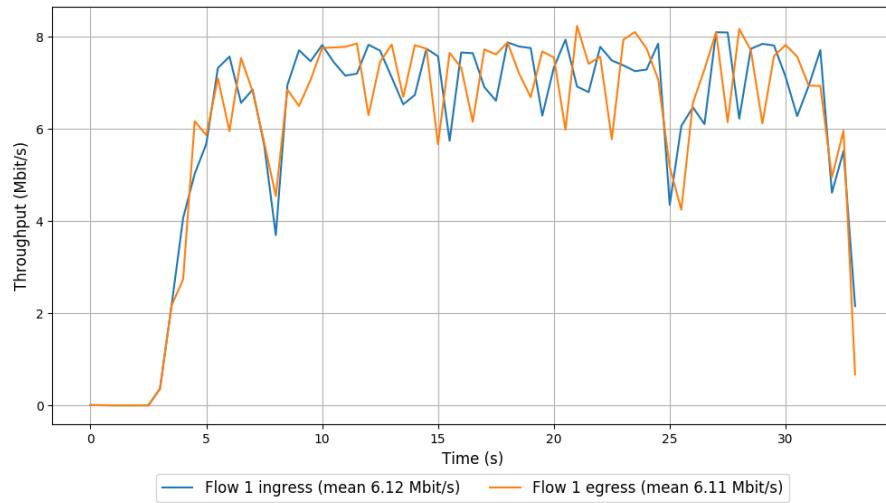


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:06:42 +0000
End at: Fri, 16 Jun 2017 03:07:12 +0000
Local clock offset: 4.291 ms
Remote clock offset: 1.615 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 56.273 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 56.273 ms
Loss rate: 0.52%
```

Run 4: Report of Sprout — Data Link

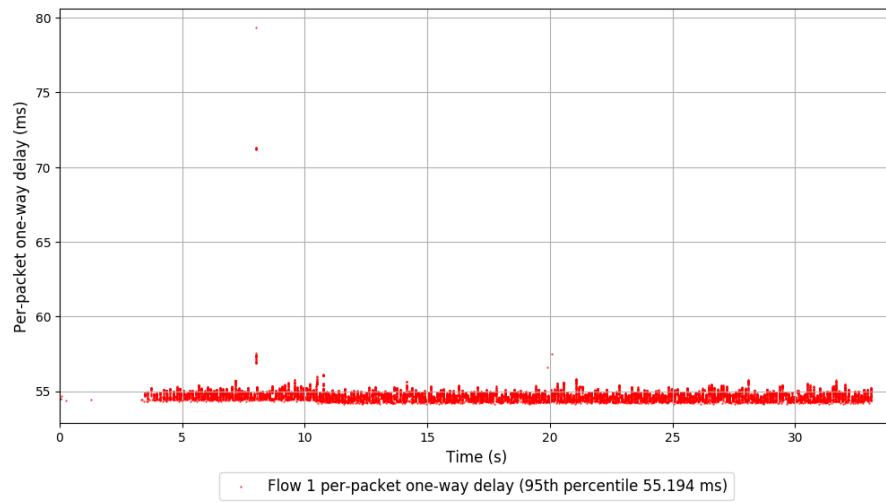
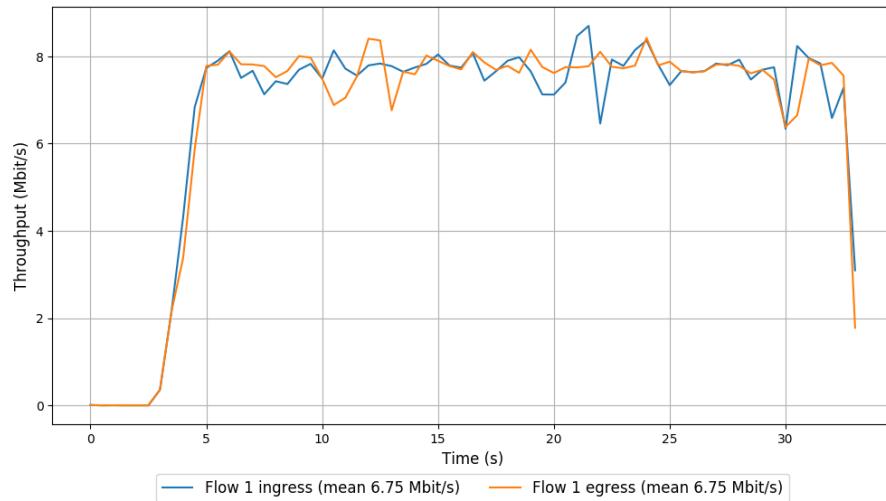


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:24:12 +0000
End at: Fri, 16 Jun 2017 03:24:42 +0000
Local clock offset: 5.097 ms
Remote clock offset: 1.43 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 55.194 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 55.194 ms
Loss rate: 0.37%
```

Run 5: Report of Sprout — Data Link

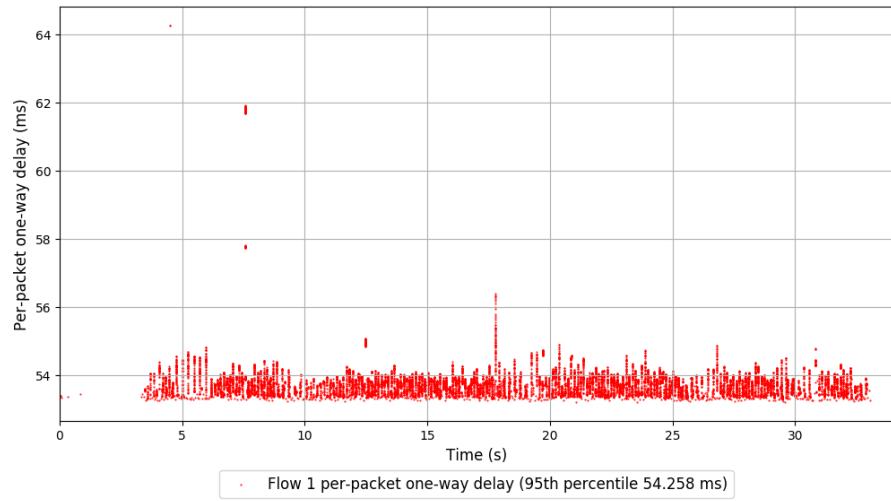
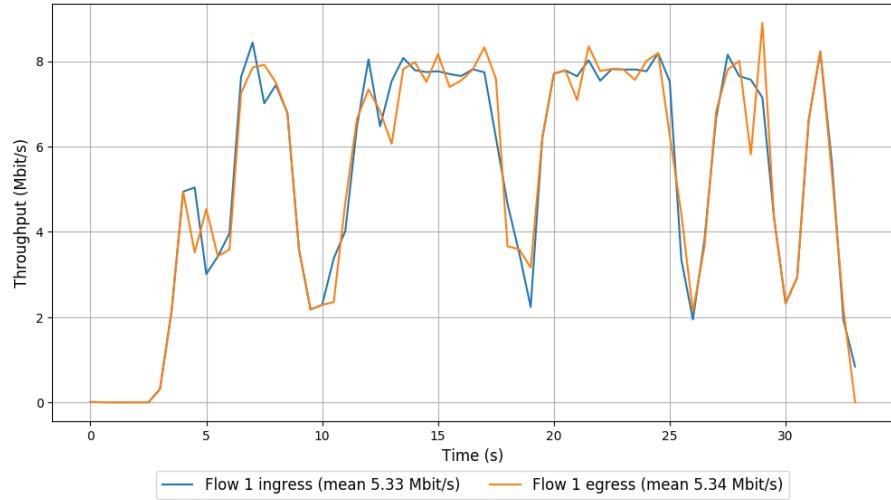


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:41:33 +0000
End at: Fri, 16 Jun 2017 03:42:03 +0000
Local clock offset: 5.452 ms
Remote clock offset: 1.453 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 54.258 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 54.258 ms
Loss rate: 0.44%
```

Run 6: Report of Sprout — Data Link

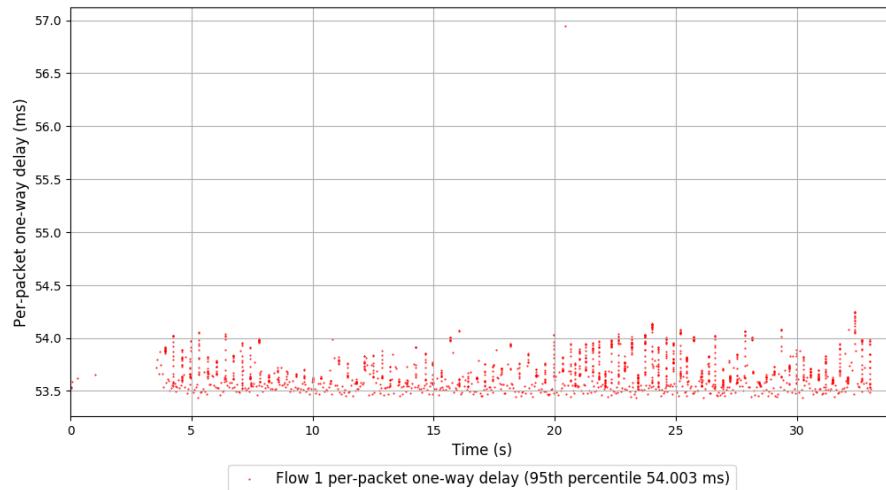
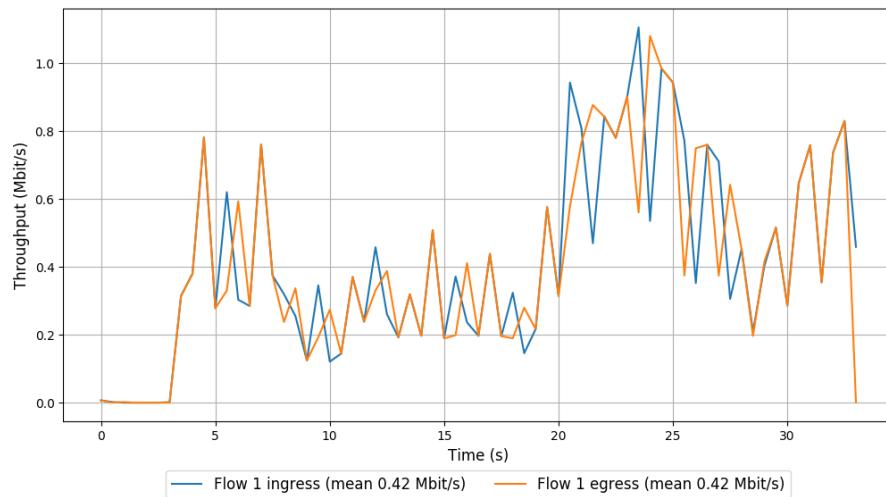


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 03:59:30 +0000
End at: Fri, 16 Jun 2017 04:00:00 +0000
Local clock offset: 5.65 ms
Remote clock offset: -87.65 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 54.003 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 54.003 ms
Loss rate: 1.64%
```

Run 7: Report of Sprout — Data Link

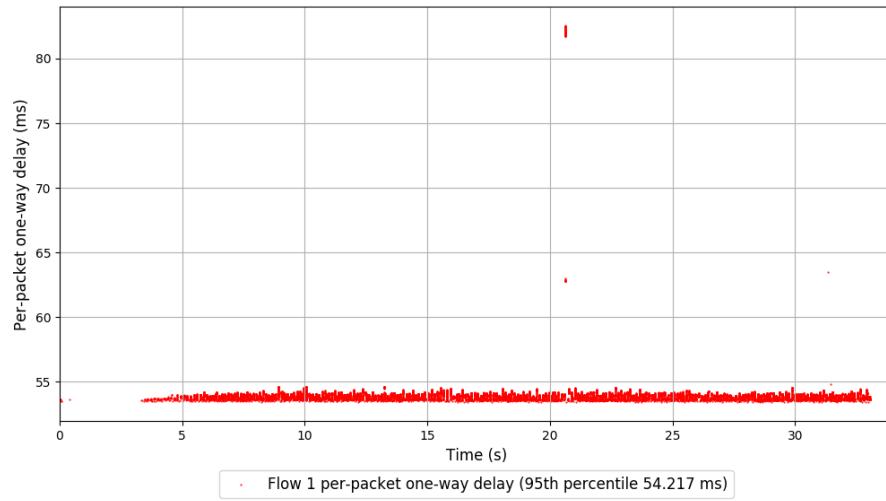
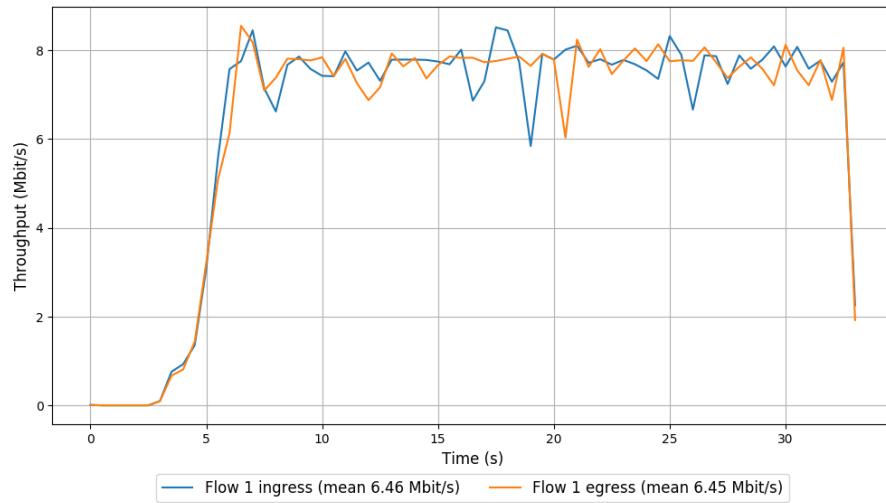


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:17:00 +0000
End at: Fri, 16 Jun 2017 04:17:30 +0000
Local clock offset: 3.847 ms
Remote clock offset: -1.135 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 54.217 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 54.217 ms
Loss rate: 0.44%
```

Run 8: Report of Sprout — Data Link

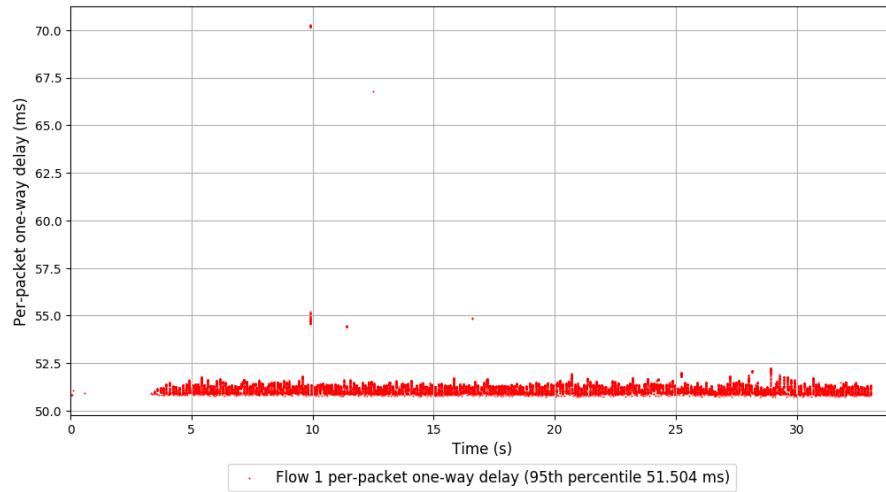
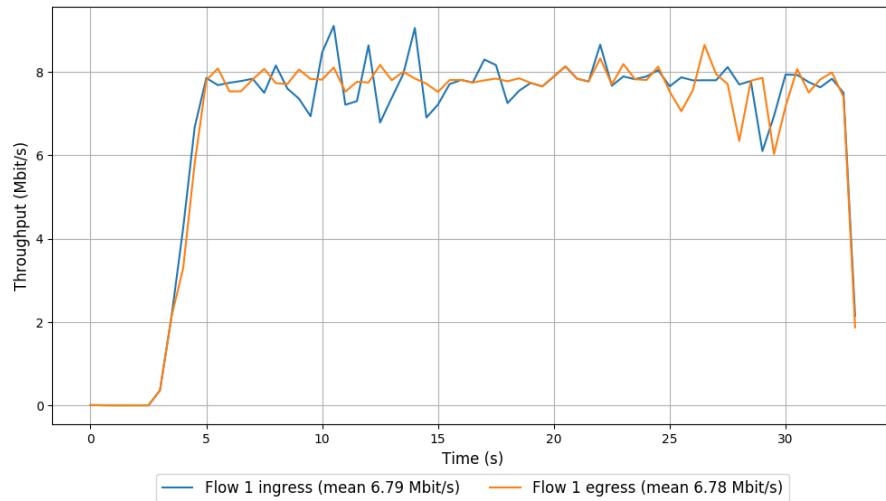


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:34:41 +0000
End at: Fri, 16 Jun 2017 04:35:11 +0000
Local clock offset: 2.797 ms
Remote clock offset: -3.872 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 51.504 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 51.504 ms
Loss rate: 0.44%
```

Run 9: Report of Sprout — Data Link

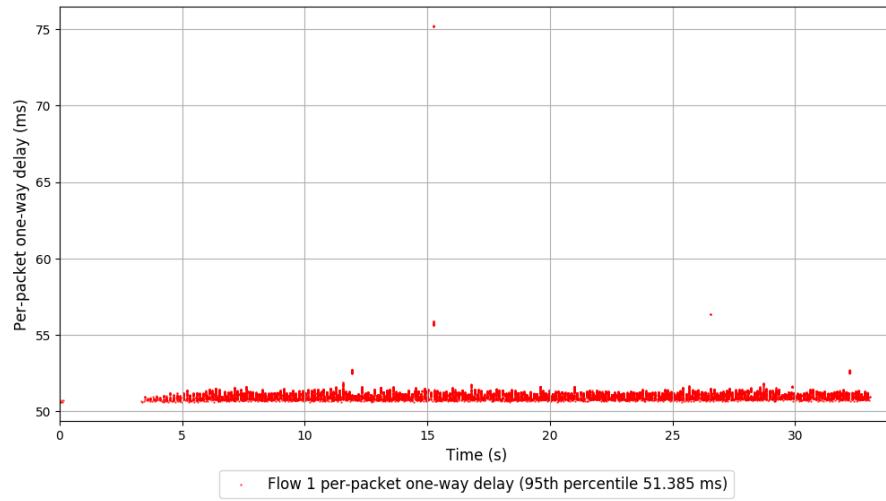
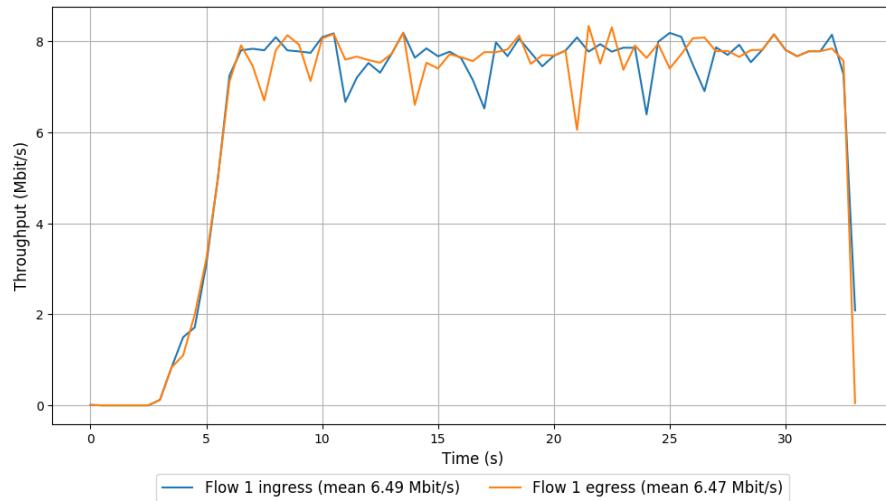


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 04:52:05 +0000
End at: Fri, 16 Jun 2017 04:52:35 +0000
Local clock offset: 0.827 ms
Remote clock offset: -6.962 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 51.385 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 51.385 ms
Loss rate: 0.54%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:07:14 +0000

End at: Fri, 16 Jun 2017 02:07:44 +0000

Local clock offset: 1.866 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:41:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.28 Mbit/s

95th percentile per-packet one-way delay: 73.371 ms

Loss rate: 8.89%

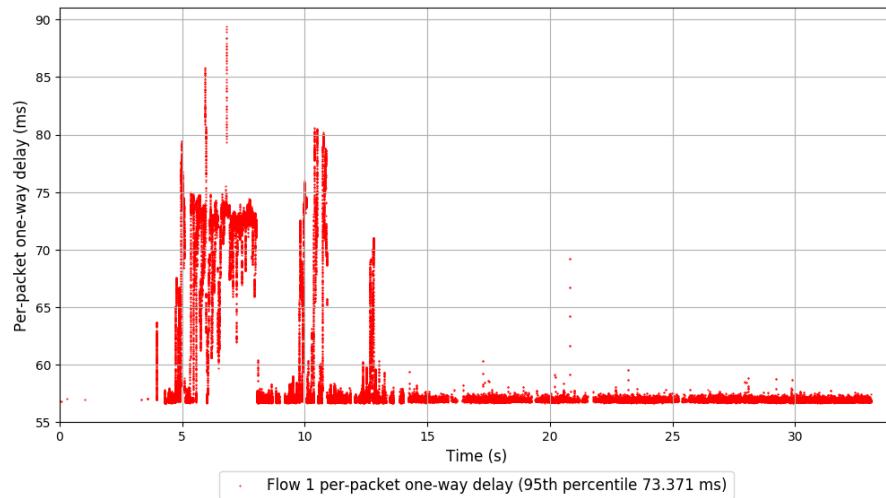
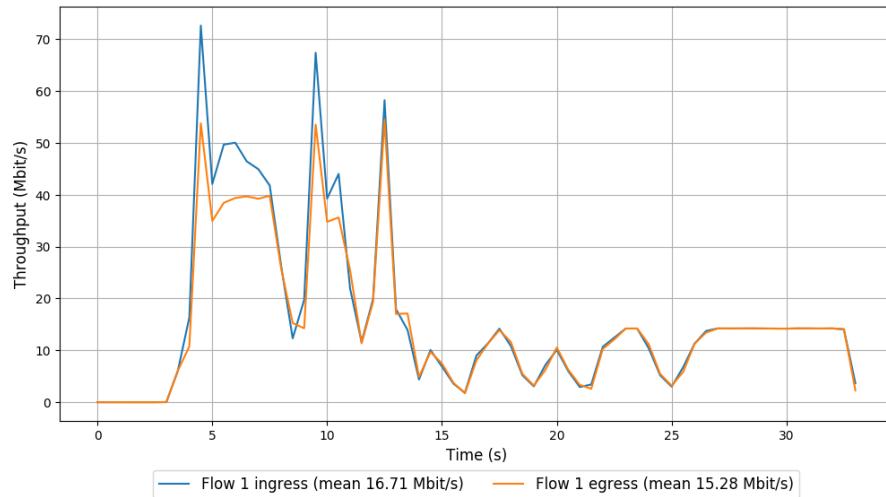
-- Flow 1:

Average throughput: 15.28 Mbit/s

95th percentile per-packet one-way delay: 73.371 ms

Loss rate: 8.89%

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



Run 2: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:24:51 +0000

End at: Fri, 16 Jun 2017 02:25:21 +0000

Local clock offset: 0.619 ms

Remote clock offset: 1.643 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:41:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.40 Mbit/s

95th percentile per-packet one-way delay: 69.128 ms

Loss rate: 10.79%

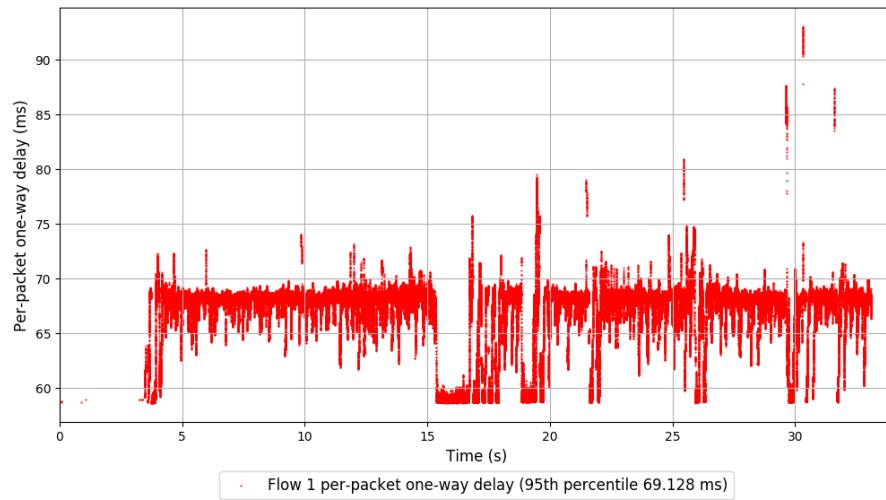
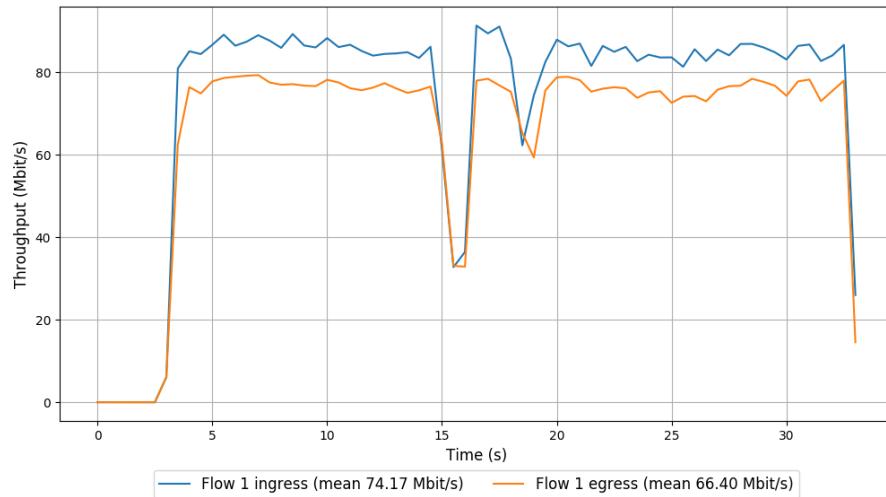
-- Flow 1:

Average throughput: 66.40 Mbit/s

95th percentile per-packet one-way delay: 69.128 ms

Loss rate: 10.79%

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

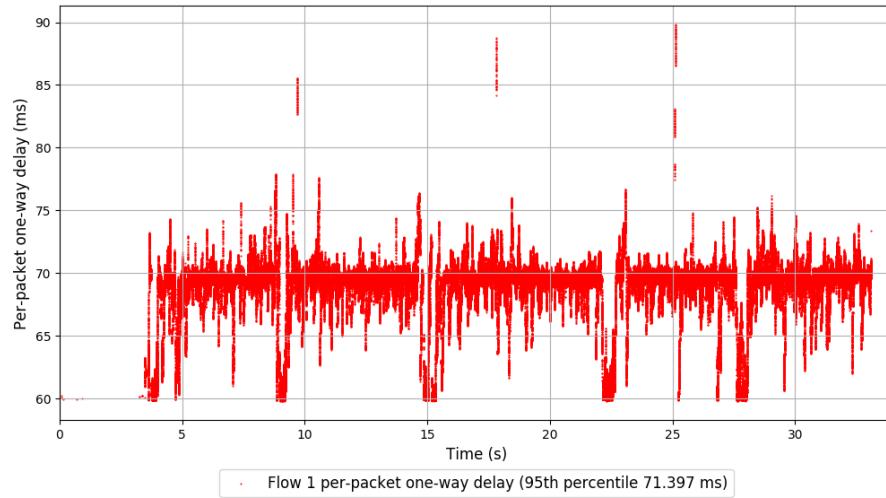
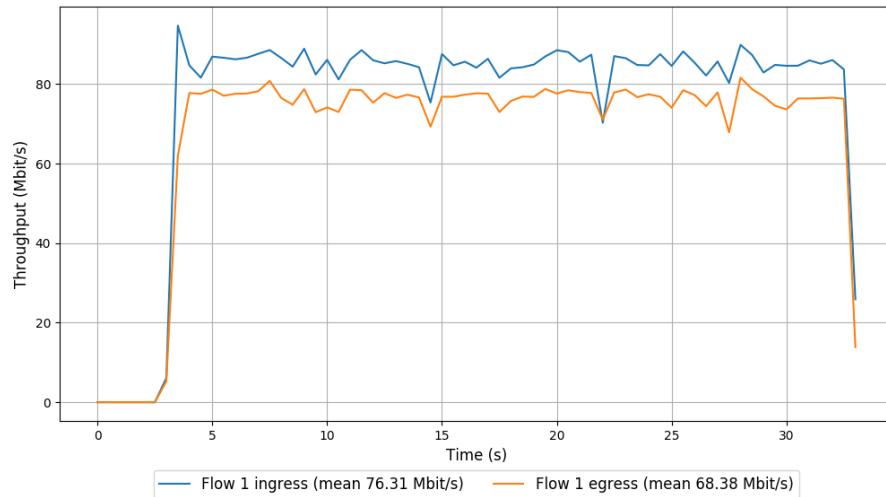


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:42:06 +0000
End at: Fri, 16 Jun 2017 02:42:36 +0000
Local clock offset: -0.231 ms
Remote clock offset: 1.666 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:41:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 71.397 ms
Loss rate: 10.70%
-- Flow 1:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 71.397 ms
Loss rate: 10.70%
```

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

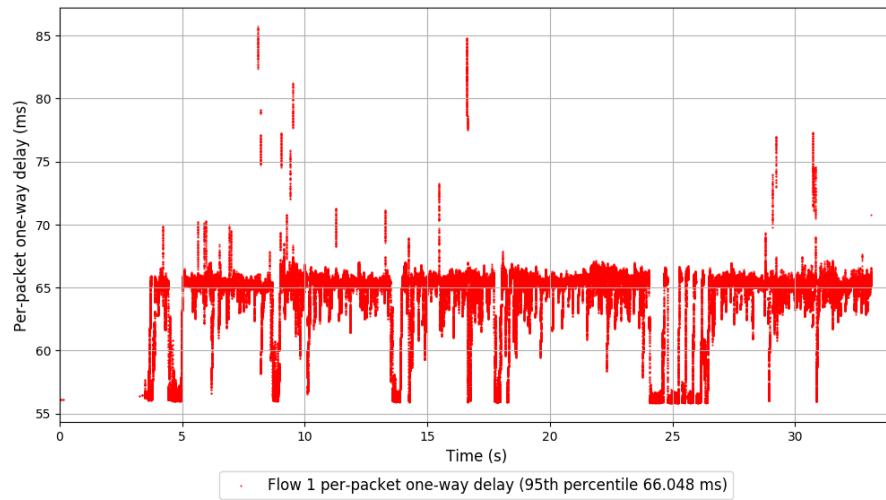
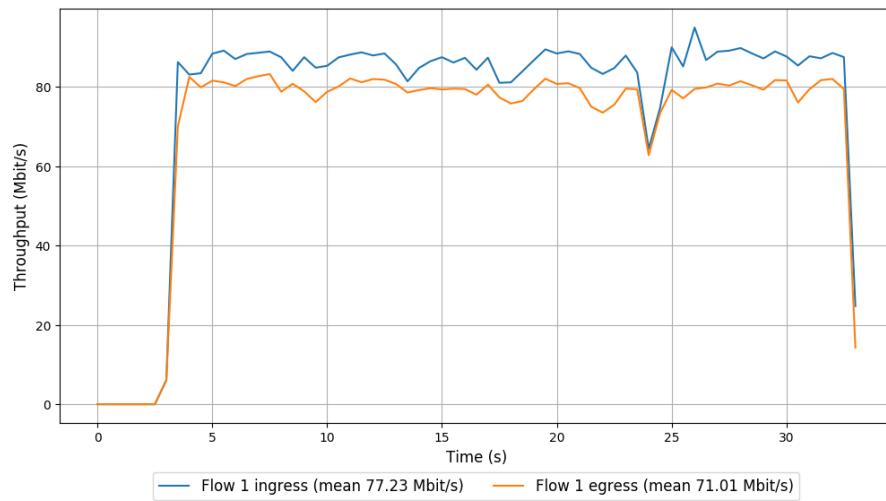


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 02:59:34 +0000
End at: Fri, 16 Jun 2017 03:00:04 +0000
Local clock offset: 3.275 ms
Remote clock offset: 1.595 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 66.048 ms
Loss rate: 8.37%
-- Flow 1:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 66.048 ms
Loss rate: 8.37%
```

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

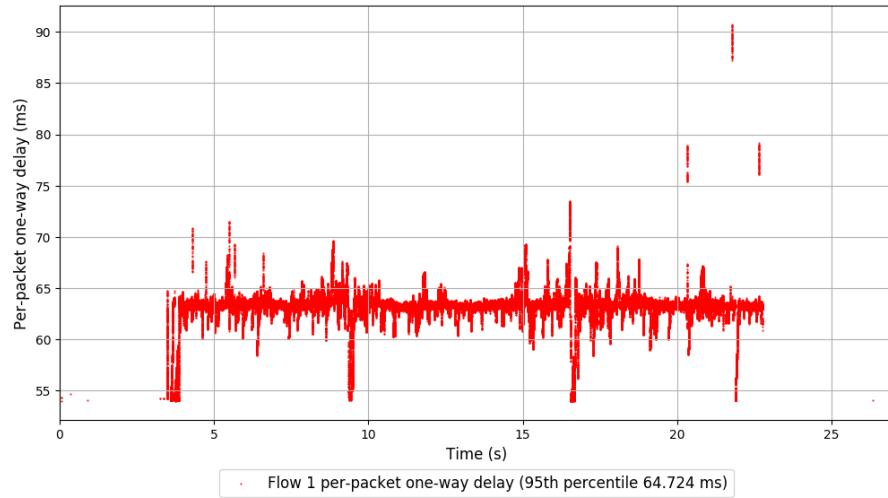
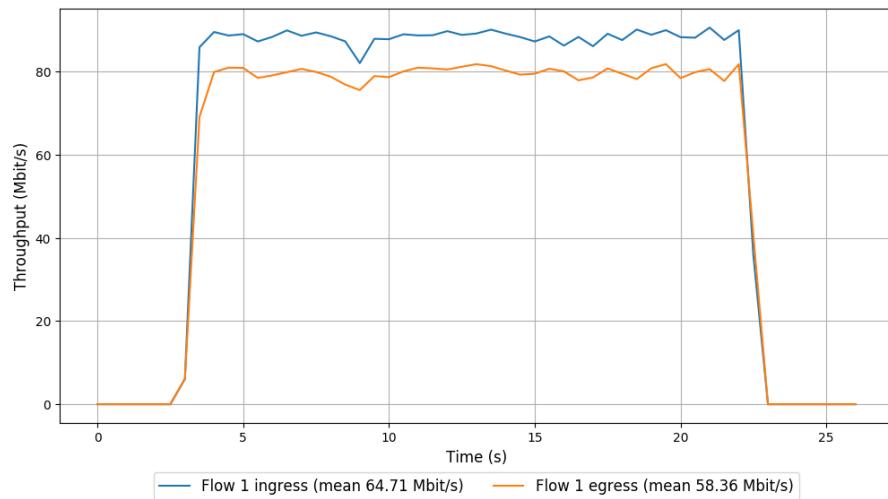


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 03:17:04 +0000
End at: Fri, 16 Jun 2017 03:17:34 +0000
Local clock offset: 4.886 ms
Remote clock offset: 1.264 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 64.724 ms
Loss rate: 9.81%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 64.724 ms
Loss rate: 9.81%
```

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 03:34:20 +0000

End at: Fri, 16 Jun 2017 03:34:50 +0000

Local clock offset: 5.202 ms

Remote clock offset: 1.523 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:42:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.91 Mbit/s

95th percentile per-packet one-way delay: 63.767 ms

Loss rate: 7.40%

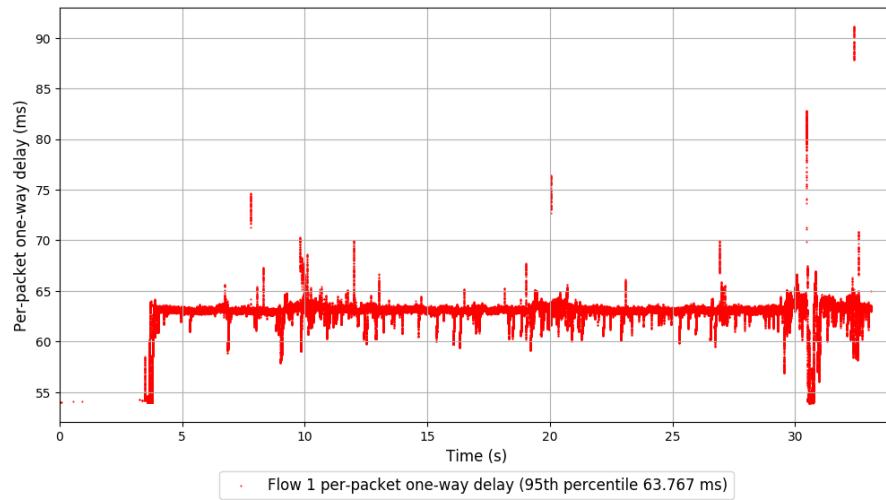
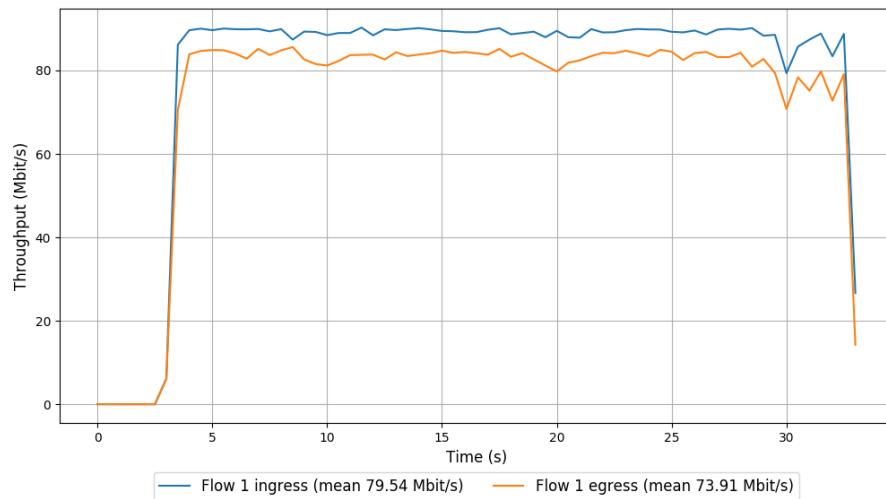
-- Flow 1:

Average throughput: 73.91 Mbit/s

95th percentile per-packet one-way delay: 63.767 ms

Loss rate: 7.40%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 03:51:55 +0000

End at: Fri, 16 Jun 2017 03:52:25 +0000

Local clock offset: 5.499 ms

Remote clock offset: -17.853 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:42:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 54.567 ms

Loss rate: 0.91%

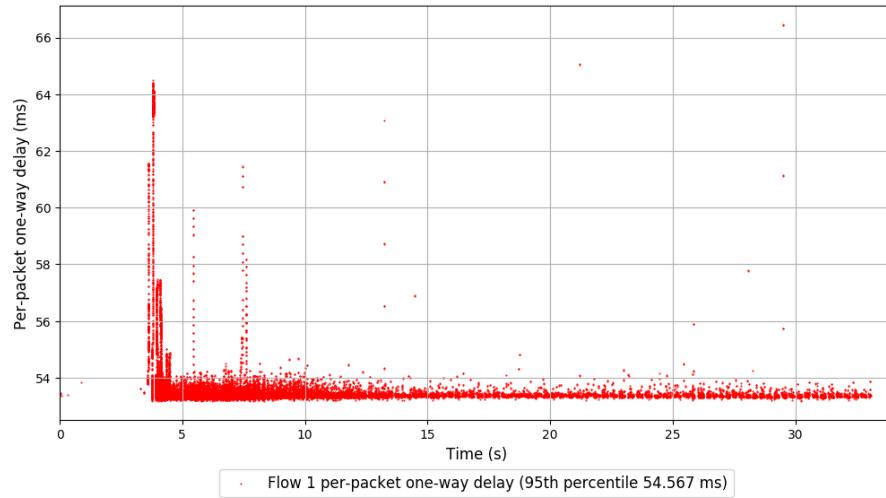
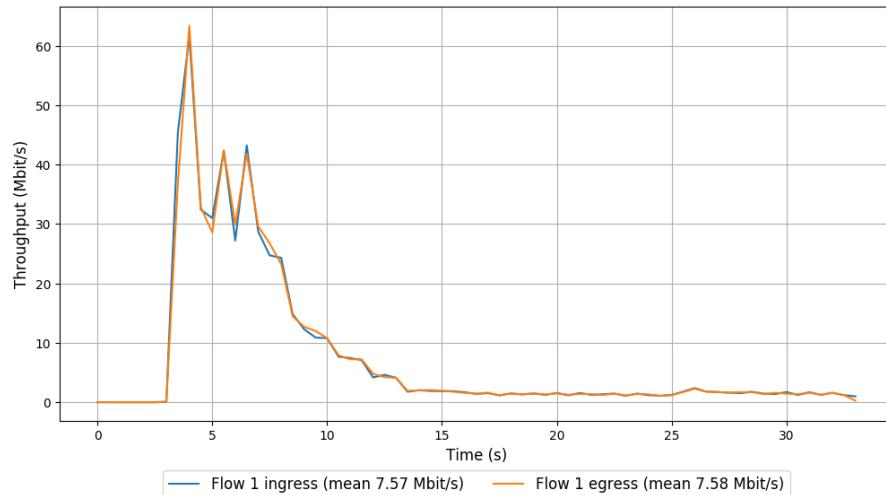
-- Flow 1:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 54.567 ms

Loss rate: 0.91%

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

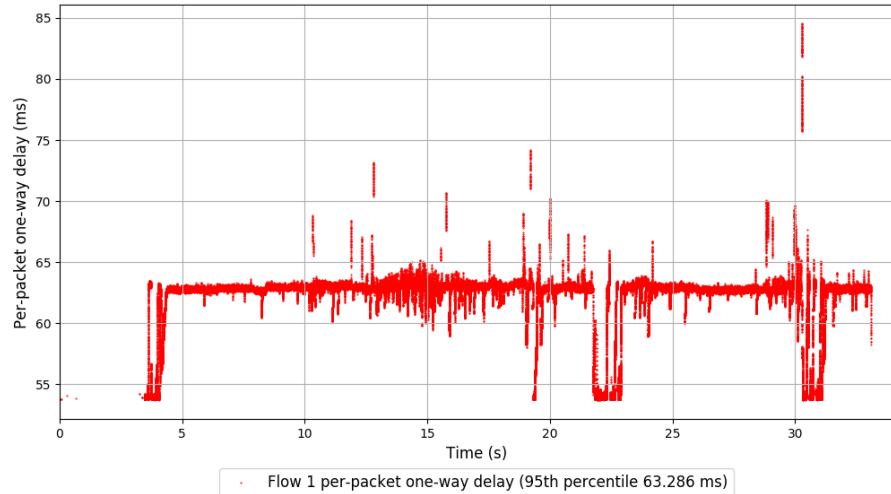
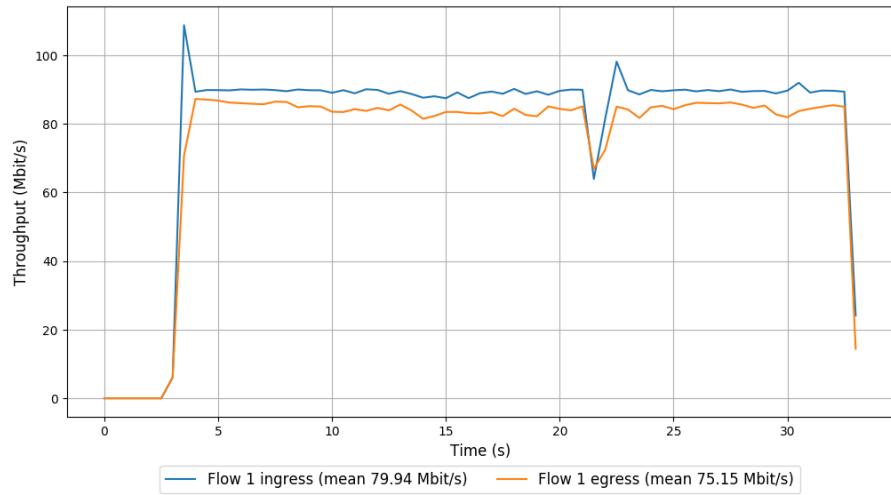


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 04:09:50 +0000
End at: Fri, 16 Jun 2017 04:10:20 +0000
Local clock offset: 4.308 ms
Remote clock offset: -0.258 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.15 Mbit/s
95th percentile per-packet one-way delay: 63.286 ms
Loss rate: 6.34%
-- Flow 1:
Average throughput: 75.15 Mbit/s
95th percentile per-packet one-way delay: 63.286 ms
Loss rate: 6.34%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:27:19 +0000

End at: Fri, 16 Jun 2017 04:27:49 +0000

Local clock offset: 3.224 ms

Remote clock offset: -2.994 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:42:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.13 Mbit/s

95th percentile per-packet one-way delay: 60.988 ms

Loss rate: 9.52%

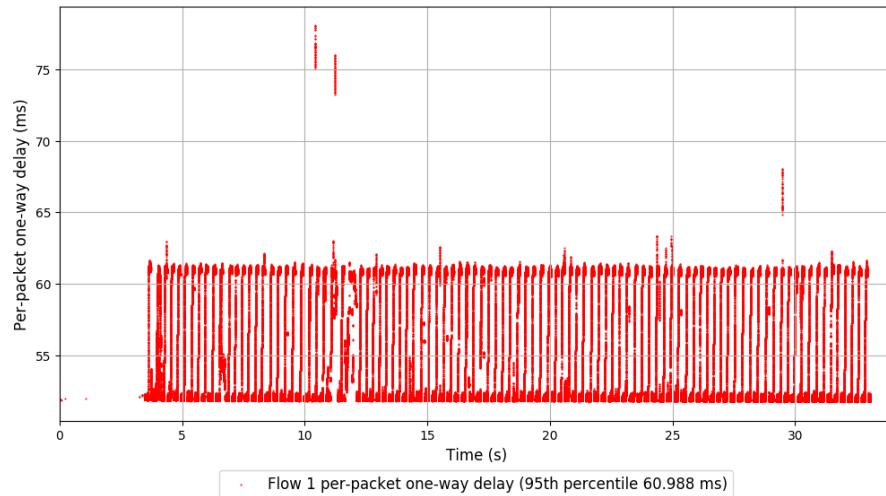
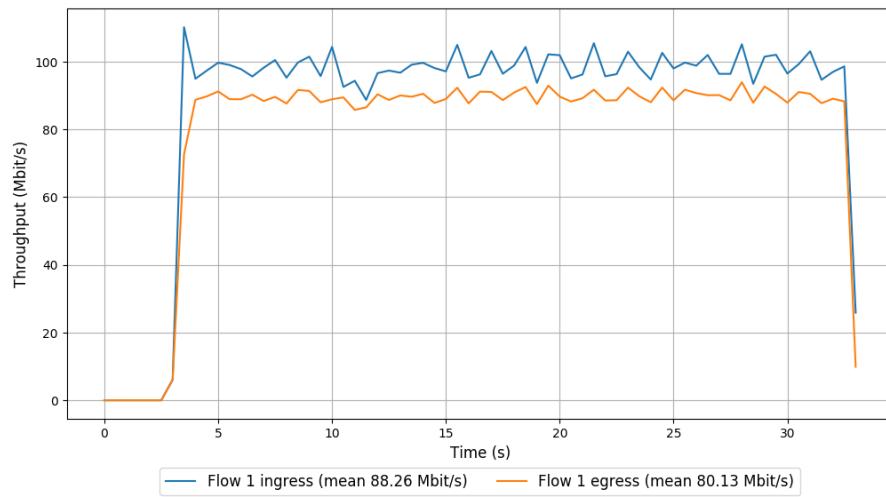
-- Flow 1:

Average throughput: 80.13 Mbit/s

95th percentile per-packet one-way delay: 60.988 ms

Loss rate: 9.52%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 04:44:49 +0000

End at: Fri, 16 Jun 2017 04:45:19 +0000

Local clock offset: 1.468 ms

Remote clock offset: -6.232 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:42:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.73 Mbit/s

95th percentile per-packet one-way delay: 59.528 ms

Loss rate: 10.01%

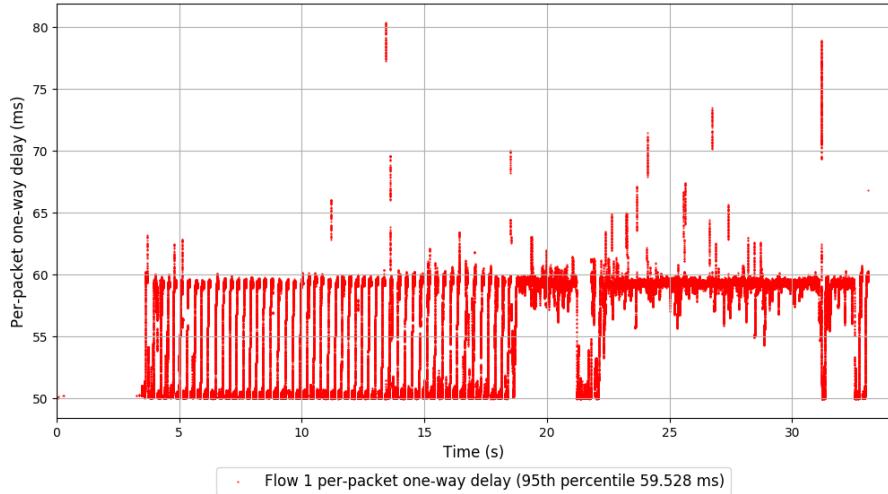
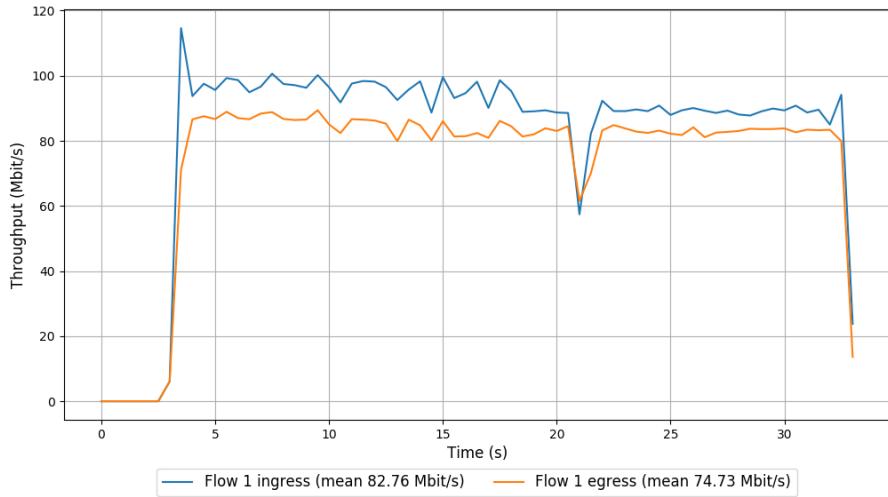
-- Flow 1:

Average throughput: 74.73 Mbit/s

95th percentile per-packet one-way delay: 59.528 ms

Loss rate: 10.01%

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

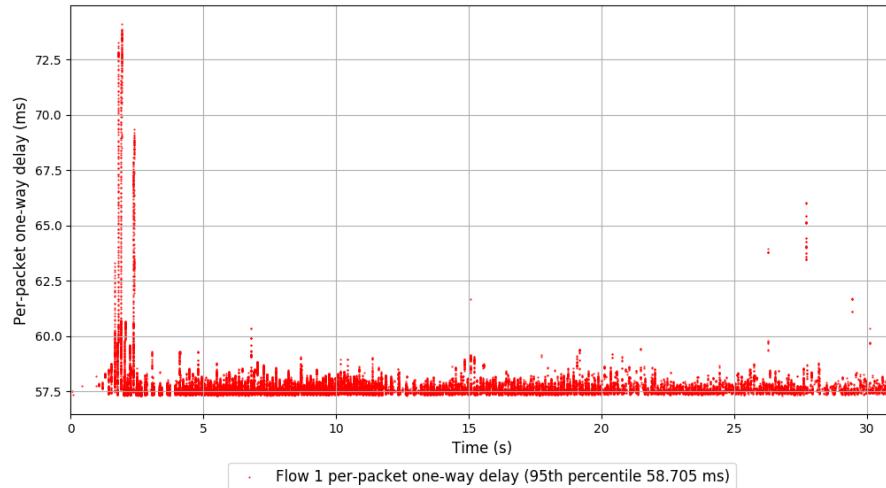
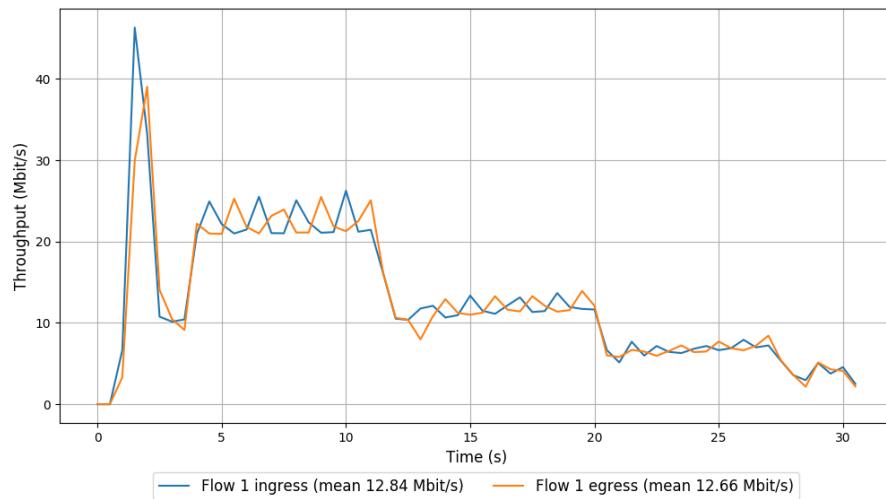


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:16:52 +0000
End at: Fri, 16 Jun 2017 02:17:22 +0000
Local clock offset: 1.605 ms
Remote clock offset: 1.113 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 58.705 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 58.705 ms
Loss rate: 1.81%
```

Run 1: Report of TCP Vegas — Data Link

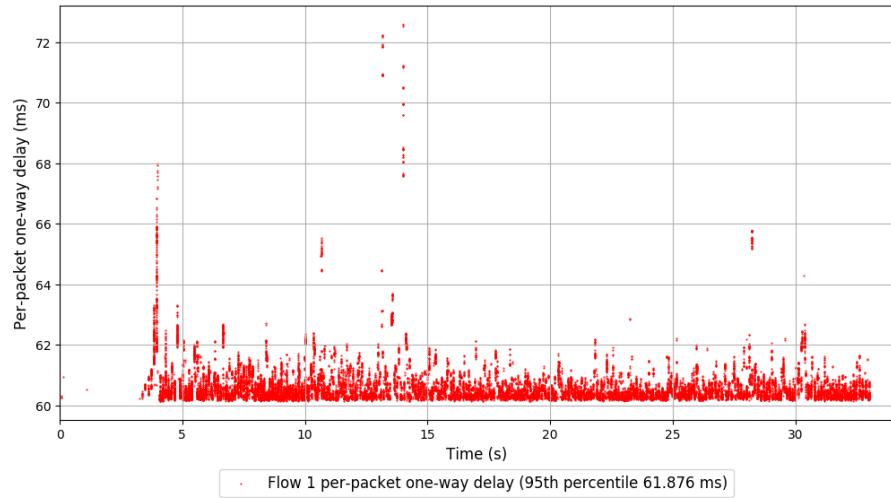
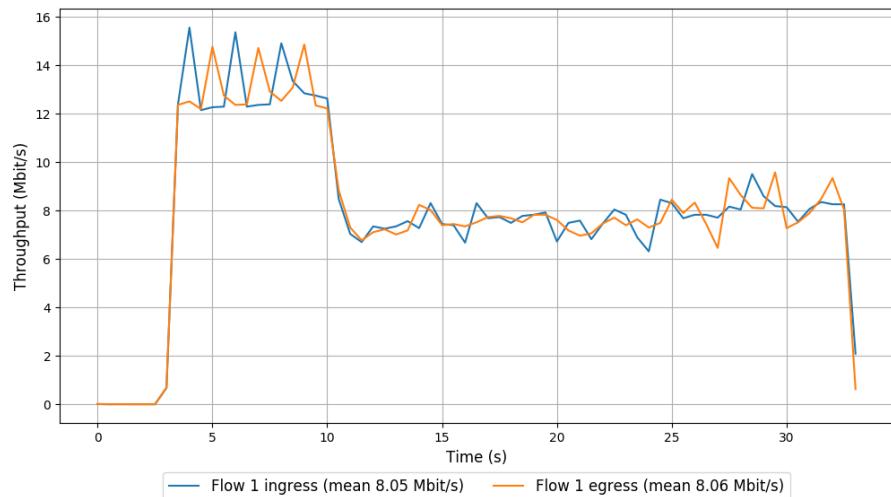


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:34:10 +0000
End at: Fri, 16 Jun 2017 02:34:40 +0000
Local clock offset: -0.215 ms
Remote clock offset: 1.825 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.06 Mbit/s
95th percentile per-packet one-way delay: 61.876 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 8.06 Mbit/s
95th percentile per-packet one-way delay: 61.876 ms
Loss rate: 0.41%
```

Run 2: Report of TCP Vegas — Data Link

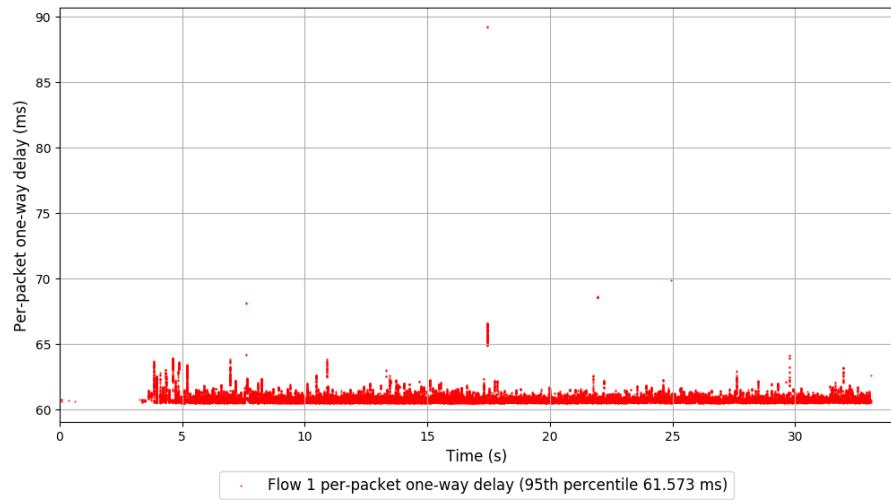
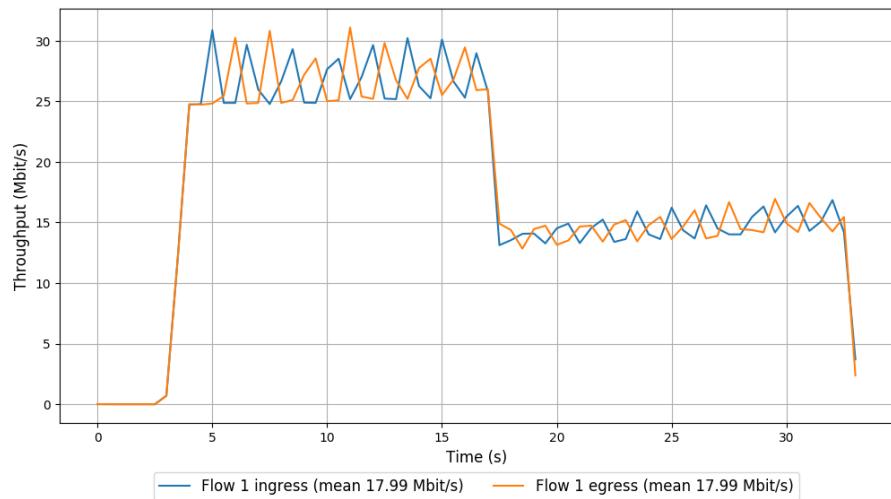


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 02:51:33 +0000
End at: Fri, 16 Jun 2017 02:52:03 +0000
Local clock offset: -0.322 ms
Remote clock offset: 1.75 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.99 Mbit/s
95th percentile per-packet one-way delay: 61.573 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 17.99 Mbit/s
95th percentile per-packet one-way delay: 61.573 ms
Loss rate: 0.31%
```

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

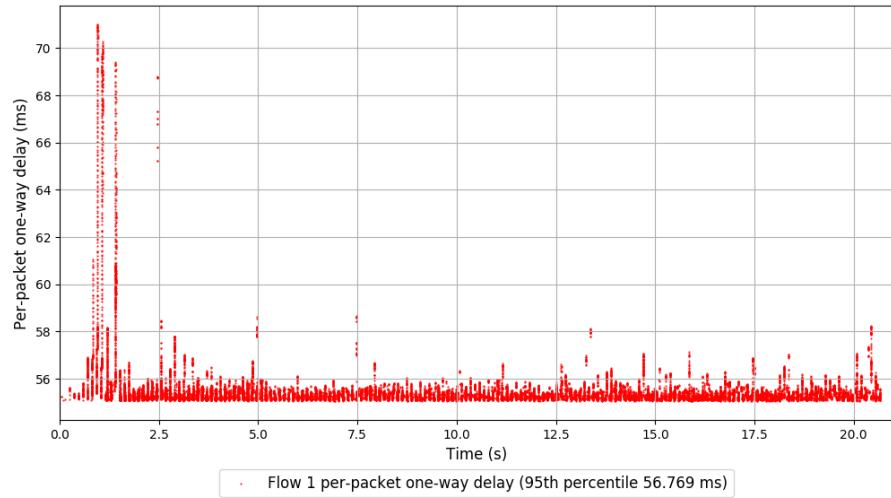
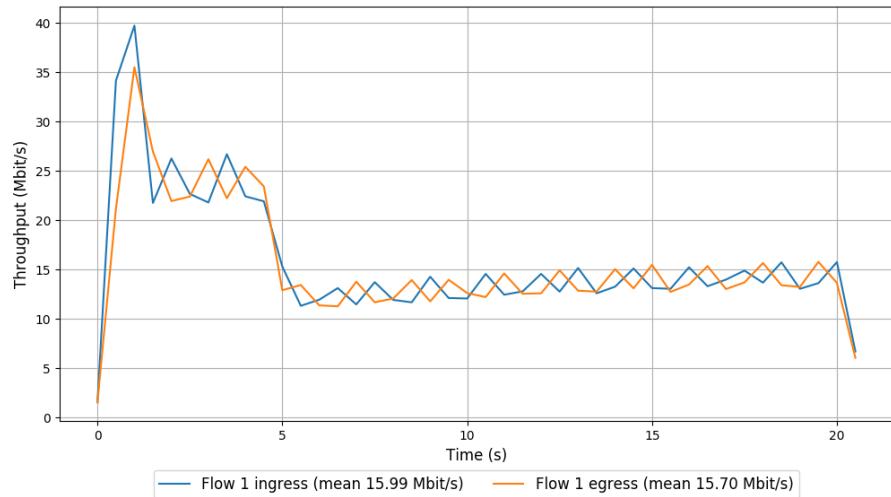
Start at: Fri, 16 Jun 2017 03:08:55 +0000

End at: Fri, 16 Jun 2017 03:09:25 +0000

Local clock offset: 4.456 ms

Remote clock offset: 1.775 ms

Run 4: Report of TCP Vegas — Data Link

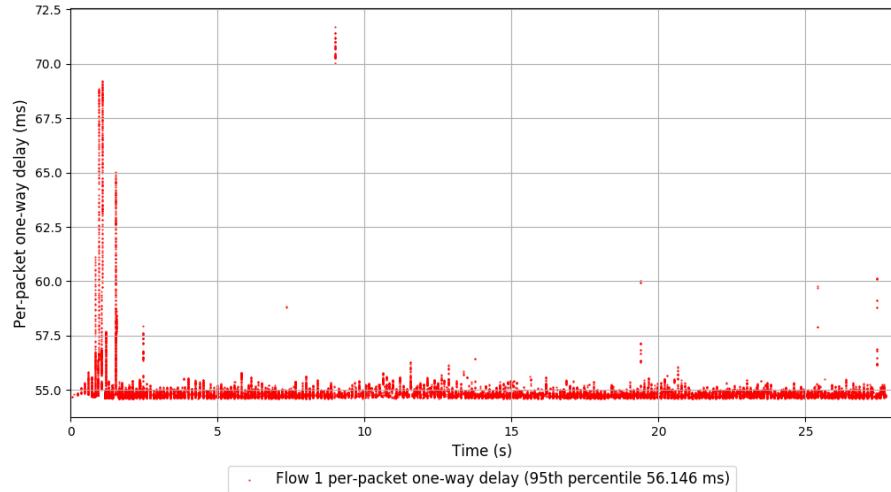
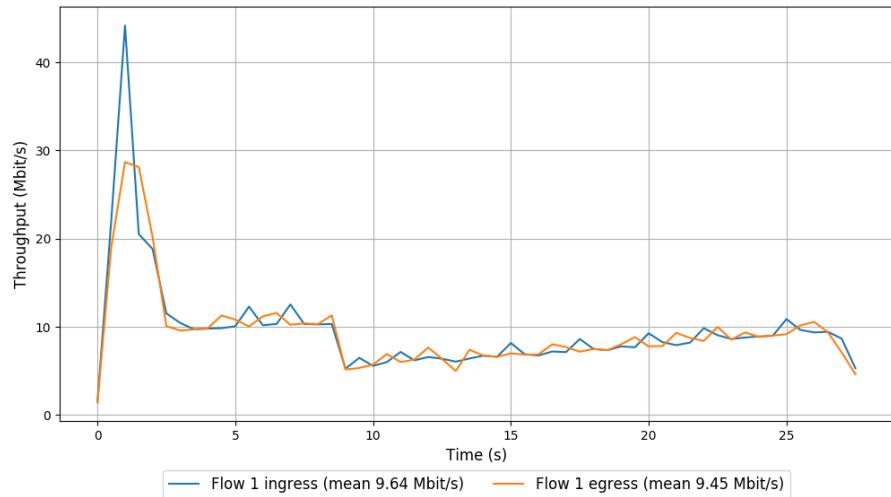


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:26:25 +0000
End at: Fri, 16 Jun 2017 03:26:55 +0000
Local clock offset: 5.176 ms
Remote clock offset: 1.748 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 56.146 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 56.146 ms
Loss rate: 2.45%
```

Run 5: Report of TCP Vegas — Data Link

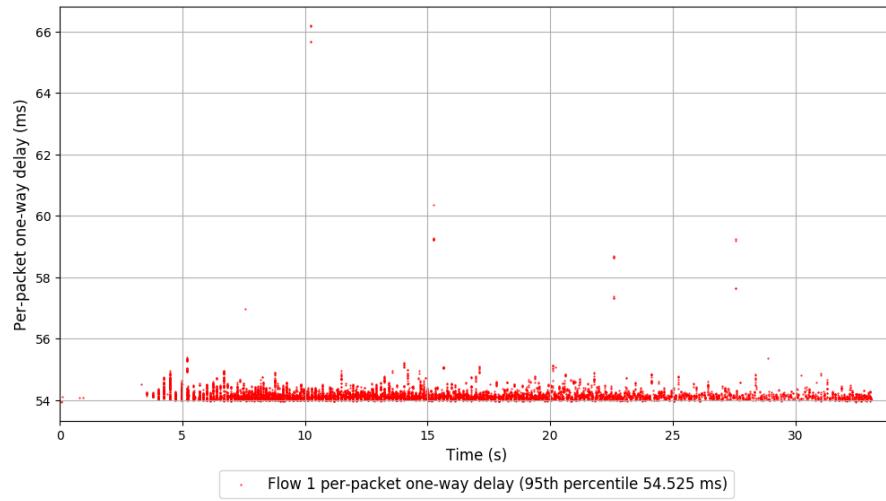
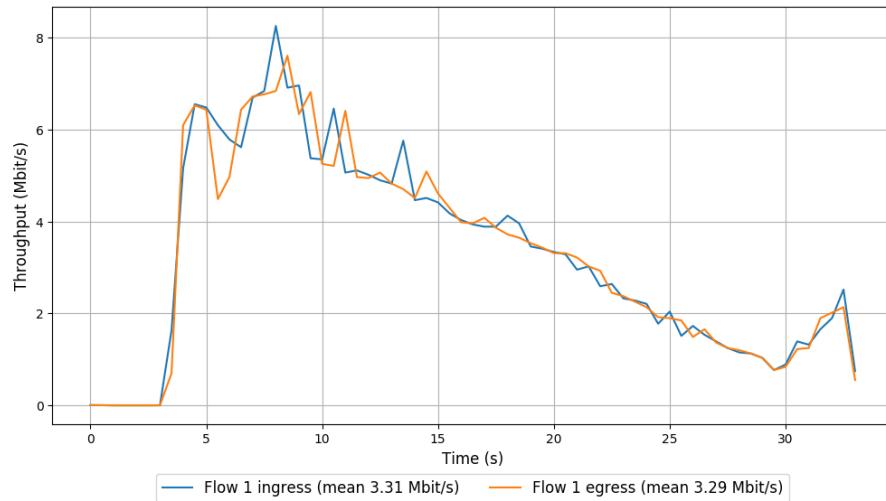


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 03:43:50 +0000
End at: Fri, 16 Jun 2017 03:44:20 +0000
Local clock offset: 5.501 ms
Remote clock offset: 1.641 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 54.525 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 54.525 ms
Loss rate: 1.00%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 04:01:44 +0000

End at: Fri, 16 Jun 2017 04:02:14 +0000

Local clock offset: 5.647 ms

Remote clock offset: 0.457 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:42:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.06 Mbit/s

95th percentile per-packet one-way delay: 53.549 ms

Loss rate: 0.73%

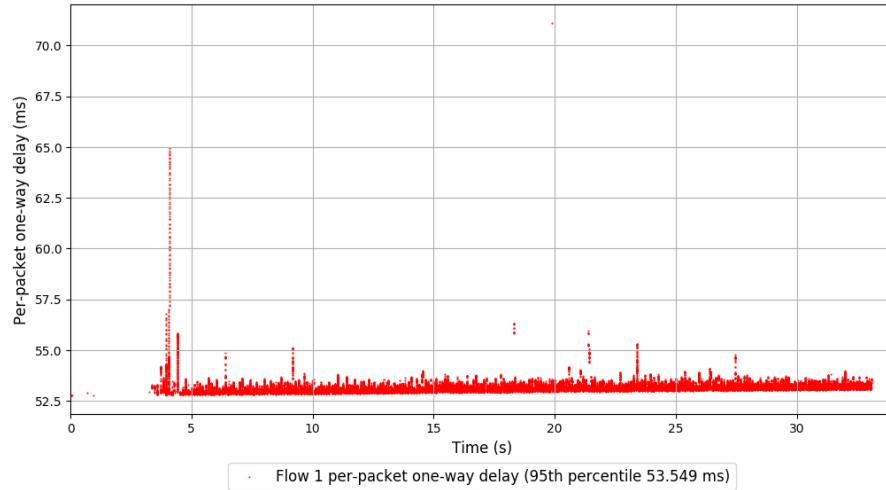
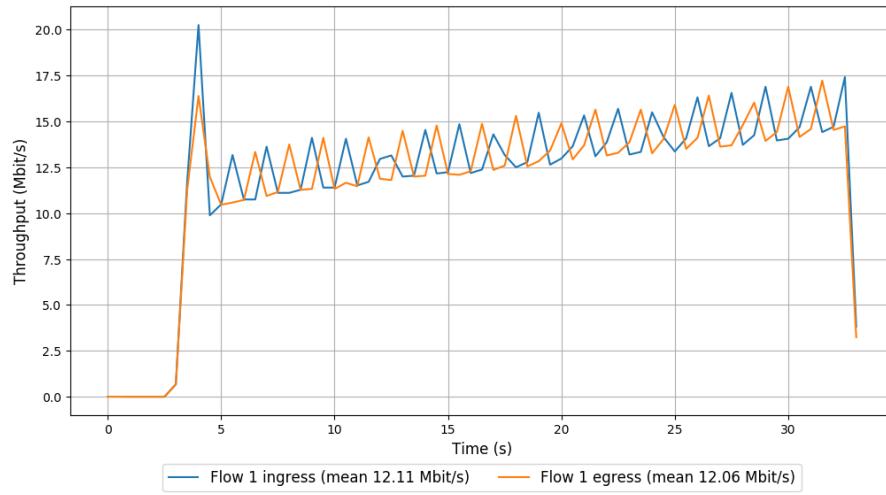
-- Flow 1:

Average throughput: 12.06 Mbit/s

95th percentile per-packet one-way delay: 53.549 ms

Loss rate: 0.73%

Run 7: Report of TCP Vegas — Data Link

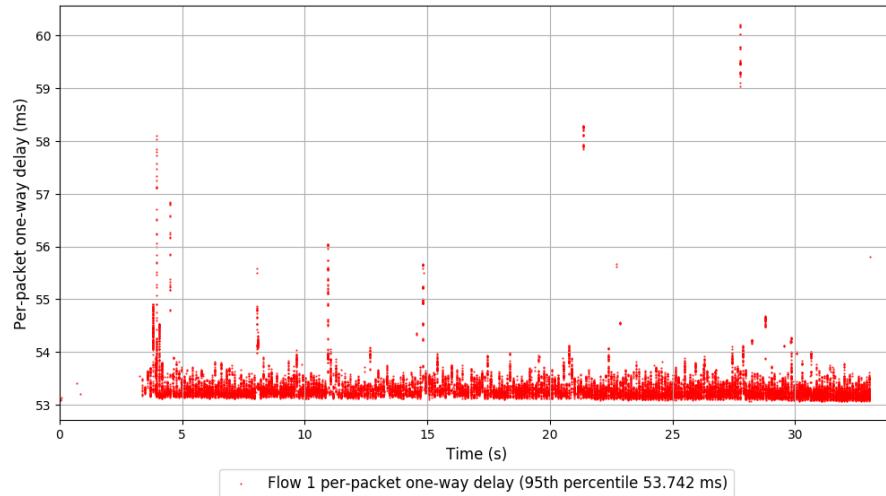
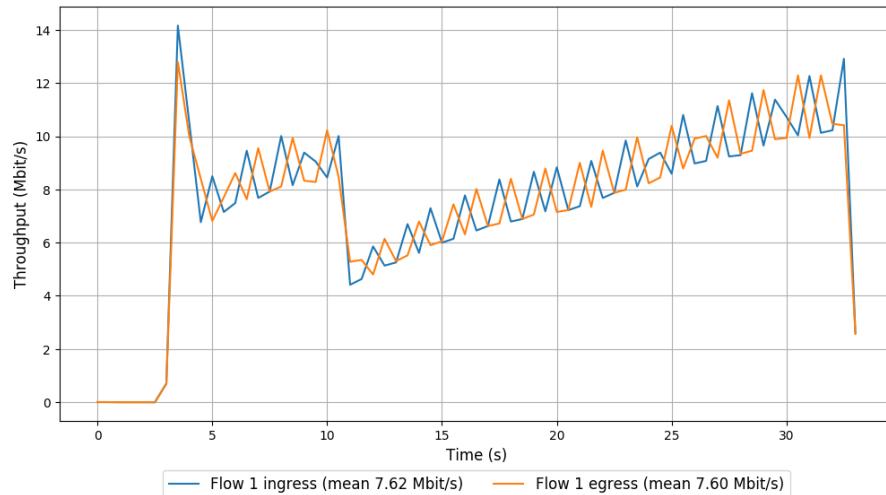


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:19:12 +0000
End at: Fri, 16 Jun 2017 04:19:42 +0000
Local clock offset: 3.679 ms
Remote clock offset: -1.23 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 53.742 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 53.742 ms
Loss rate: 0.57%
```

Run 8: Report of TCP Vegas — Data Link

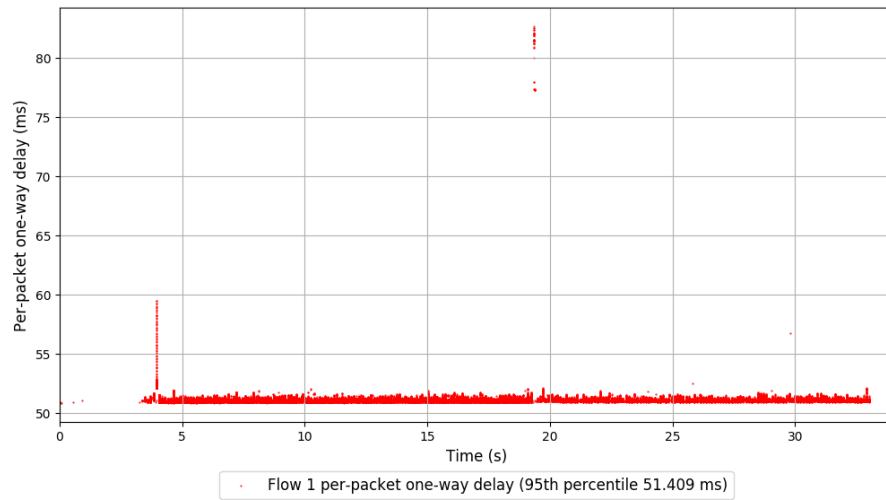
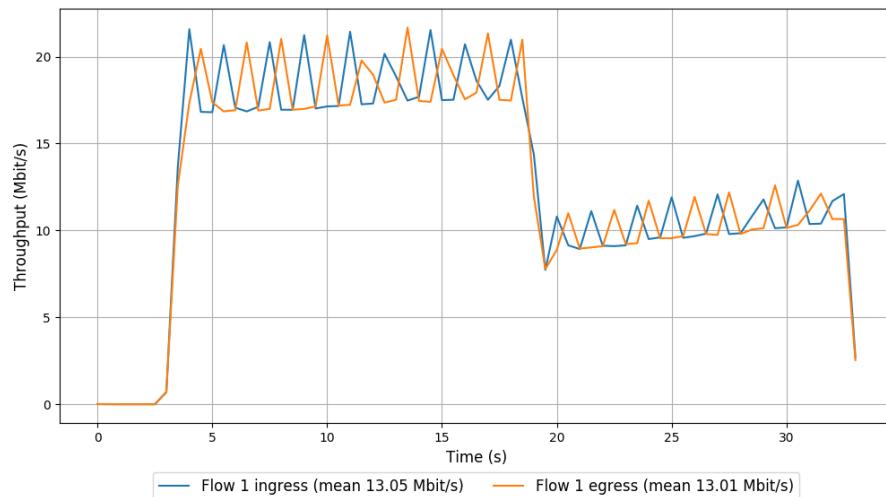


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:36:53 +0000
End at: Fri, 16 Jun 2017 04:37:23 +0000
Local clock offset: 2.542 ms
Remote clock offset: -5.016 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 51.409 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 51.409 ms
Loss rate: 0.82%
```

Run 9: Report of TCP Vegas — Data Link

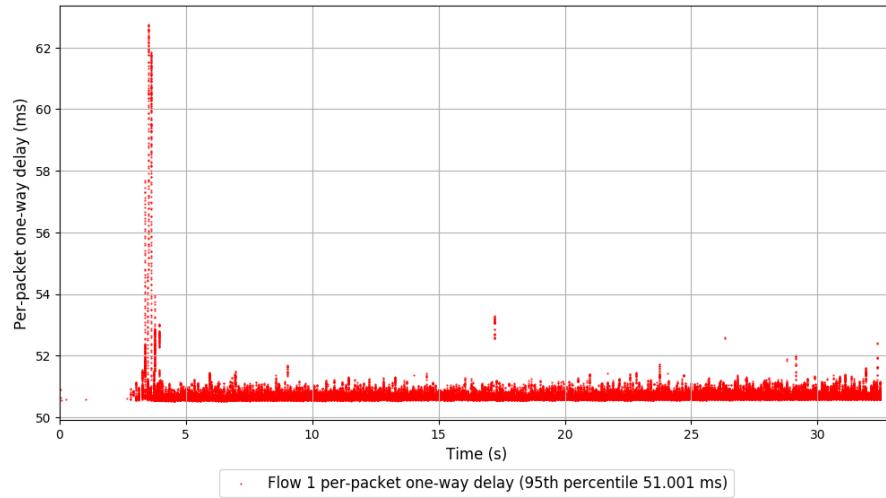
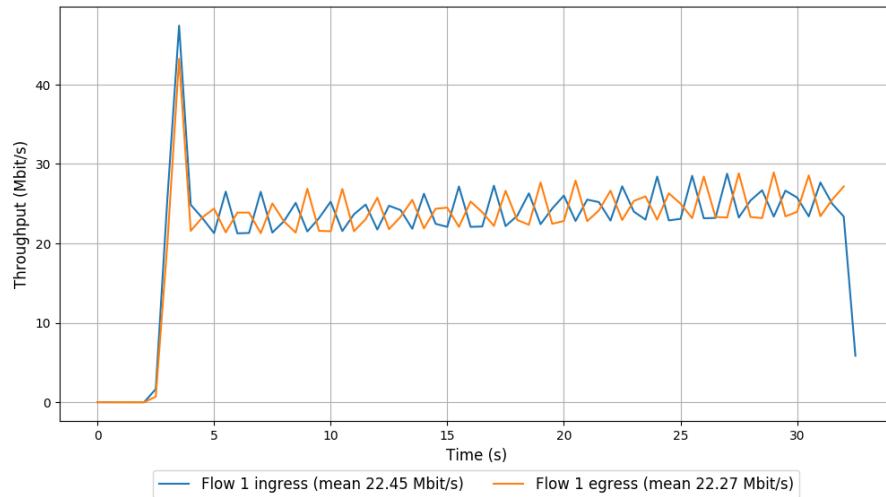


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 04:54:18 +0000
End at: Fri, 16 Jun 2017 04:54:48 +0000
Local clock offset: 0.766 ms
Remote clock offset: -6.766 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 51.001 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 51.001 ms
Loss rate: 1.14%
```

Run 10: Report of TCP Vegas — Data Link

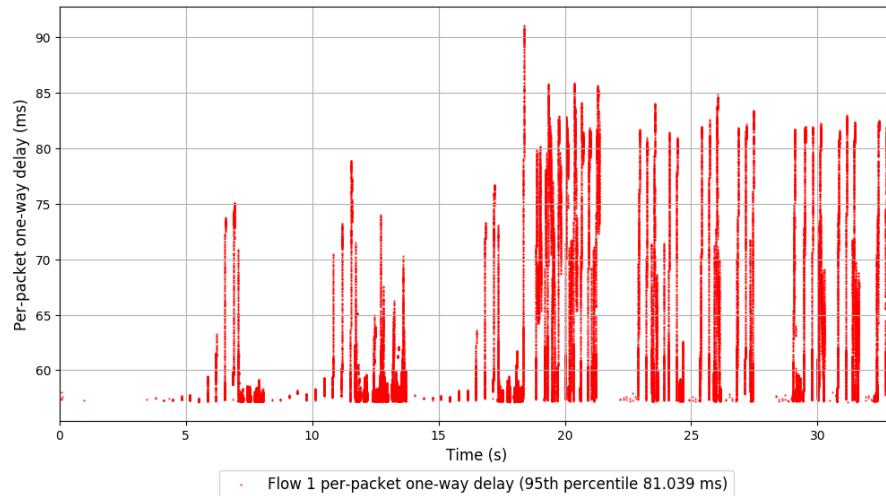
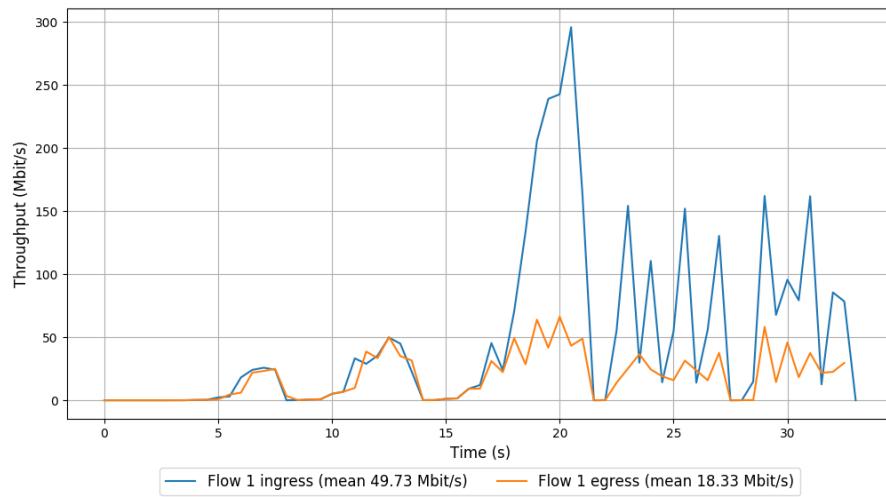


Run 1: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:08:31 +0000
End at: Fri, 16 Jun 2017 02:09:01 +0000
Local clock offset: 1.9 ms
Remote clock offset: 0.57 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:42:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 81.039 ms
Loss rate: 63.41%
-- Flow 1:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 81.039 ms
Loss rate: 63.41%
```

Run 1: Report of Verus — Data Link

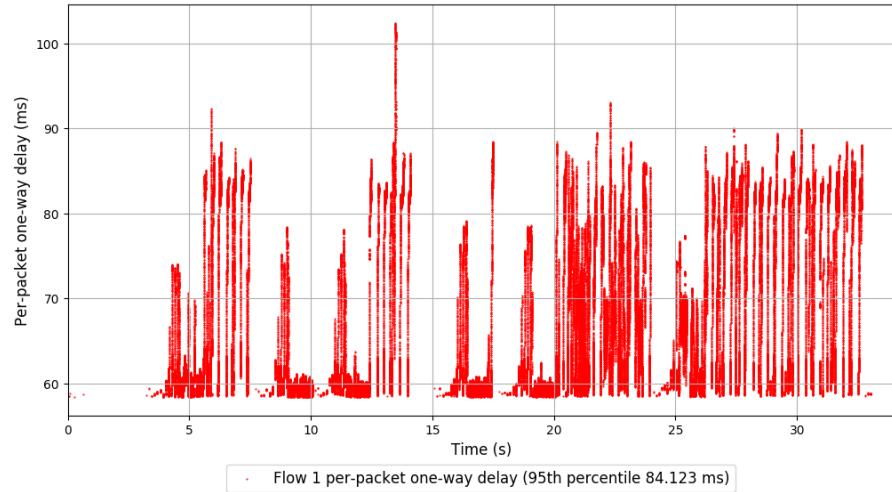
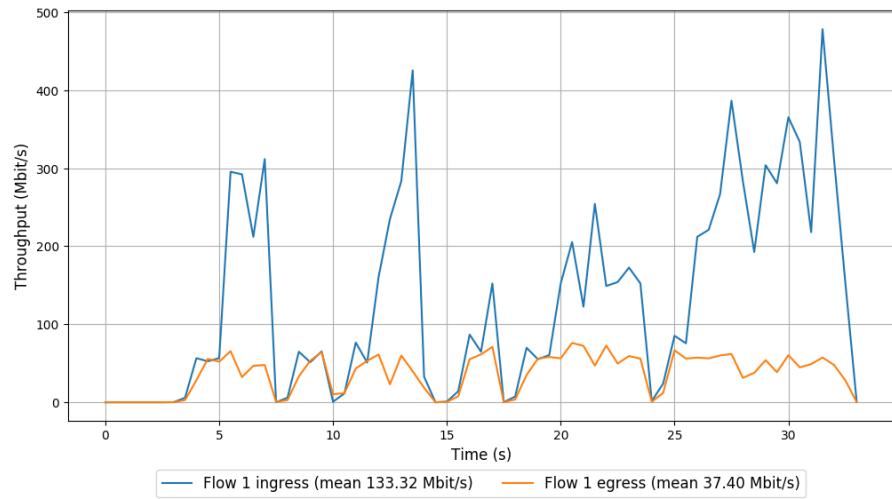


Run 2: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:26:07 +0000
End at: Fri, 16 Jun 2017 02:26:37 +0000
Local clock offset: 0.519 ms
Remote clock offset: 1.163 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 84.123 ms
Loss rate: 72.04%
-- Flow 1:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 84.123 ms
Loss rate: 72.04%
```

Run 2: Report of Verus — Data Link

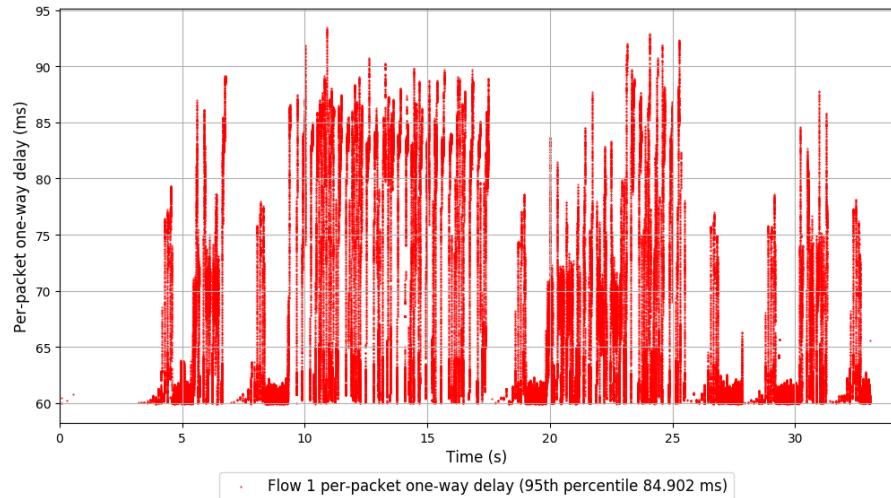
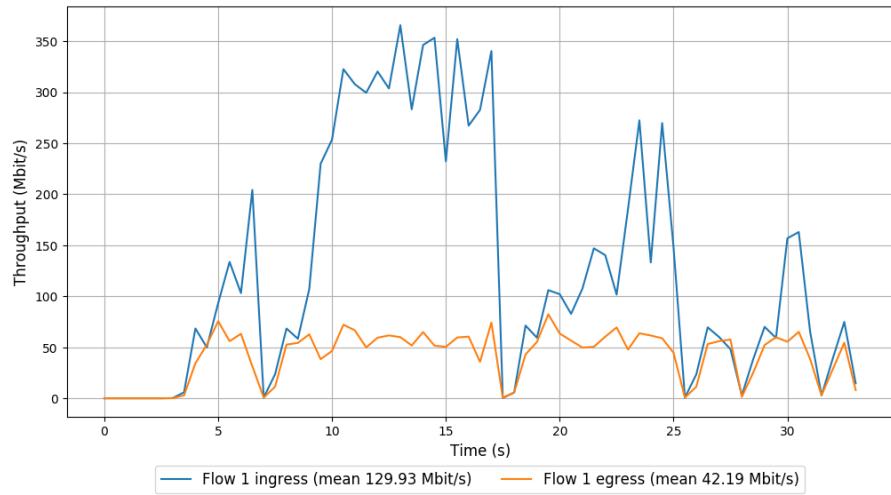


Run 3: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 02:43:21 +0000
End at: Fri, 16 Jun 2017 02:43:51 +0000
Local clock offset: -0.306 ms
Remote clock offset: 1.434 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.19 Mbit/s
95th percentile per-packet one-way delay: 84.902 ms
Loss rate: 67.61%
-- Flow 1:
Average throughput: 42.19 Mbit/s
95th percentile per-packet one-way delay: 84.902 ms
Loss rate: 67.61%
```

Run 3: Report of Verus — Data Link

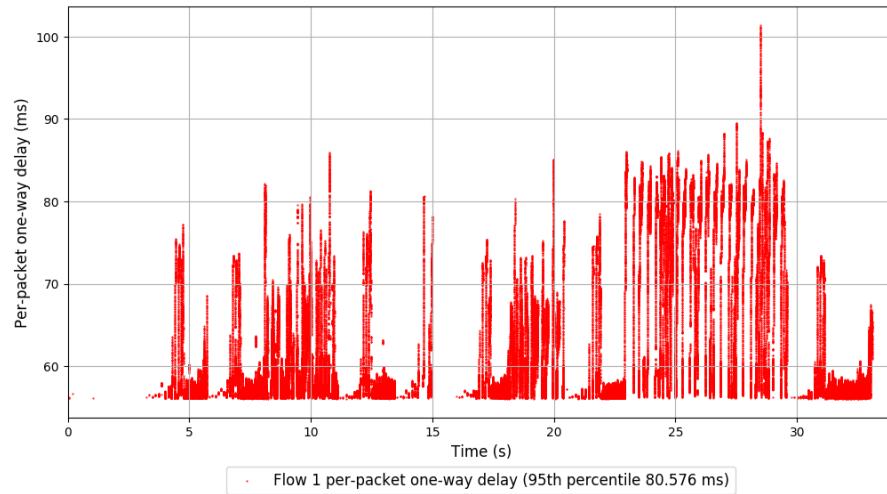
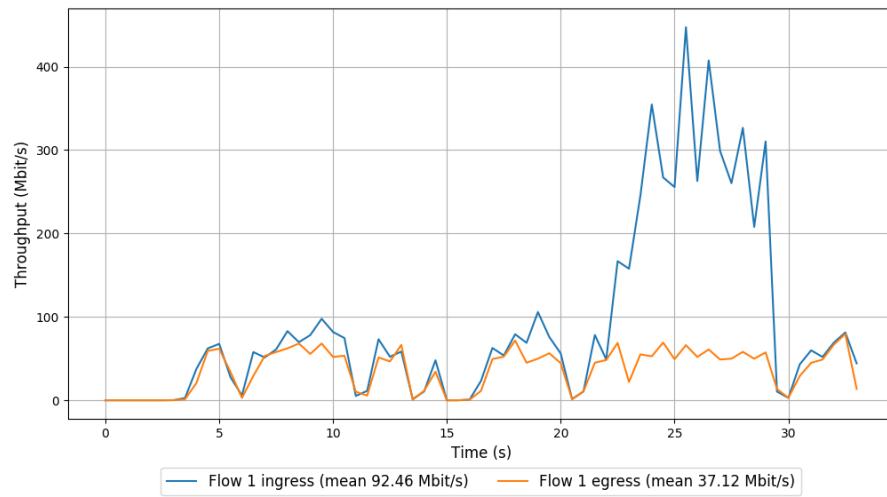


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:00:52 +0000
End at: Fri, 16 Jun 2017 03:01:22 +0000
Local clock offset: 3.956 ms
Remote clock offset: 1.501 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 80.576 ms
Loss rate: 59.91%
-- Flow 1:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 80.576 ms
Loss rate: 59.91%
```

Run 4: Report of Verus — Data Link

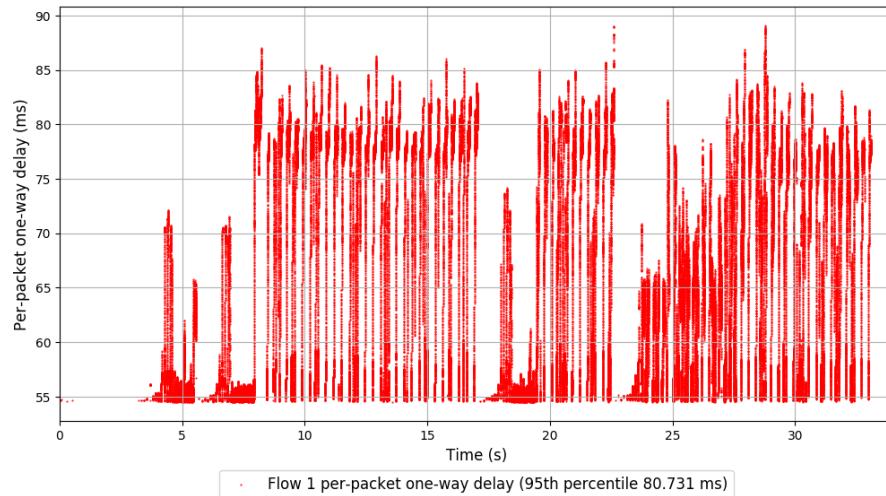
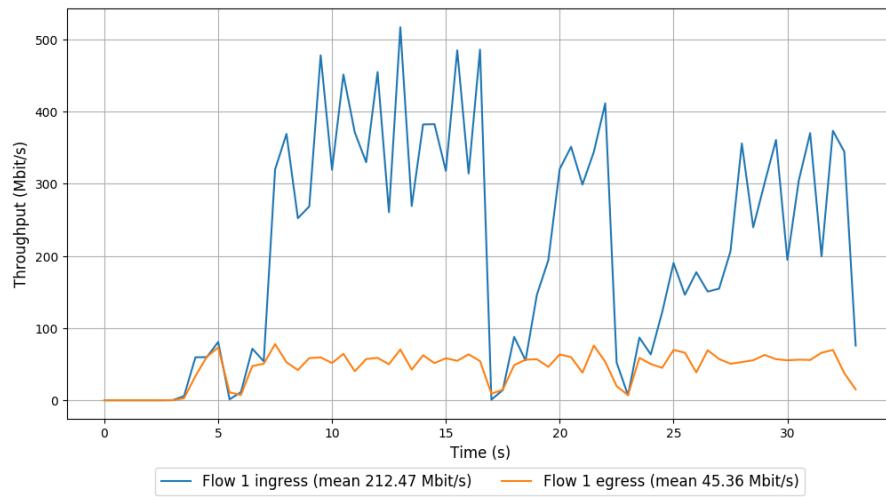


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:18:17 +0000
End at: Fri, 16 Jun 2017 03:18:47 +0000
Local clock offset: 5.008 ms
Remote clock offset: 1.81 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.36 Mbit/s
95th percentile per-packet one-way delay: 80.731 ms
Loss rate: 78.71%
-- Flow 1:
Average throughput: 45.36 Mbit/s
95th percentile per-packet one-way delay: 80.731 ms
Loss rate: 78.71%
```

Run 5: Report of Verus — Data Link

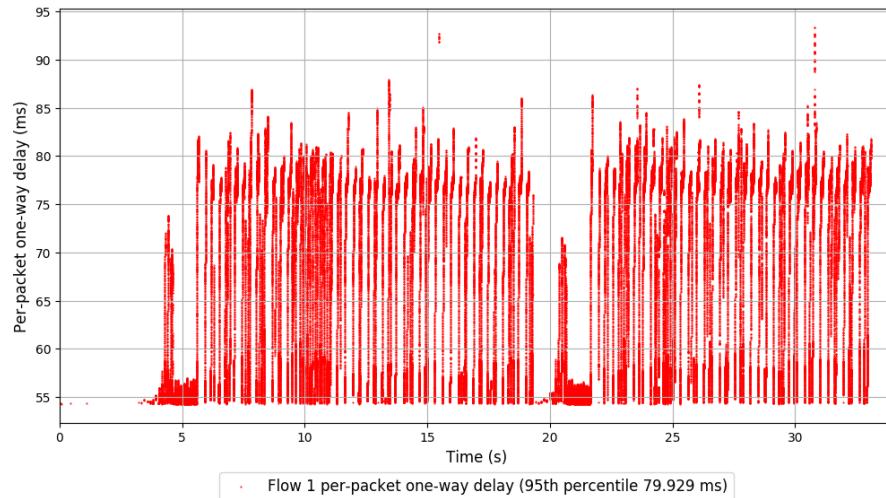
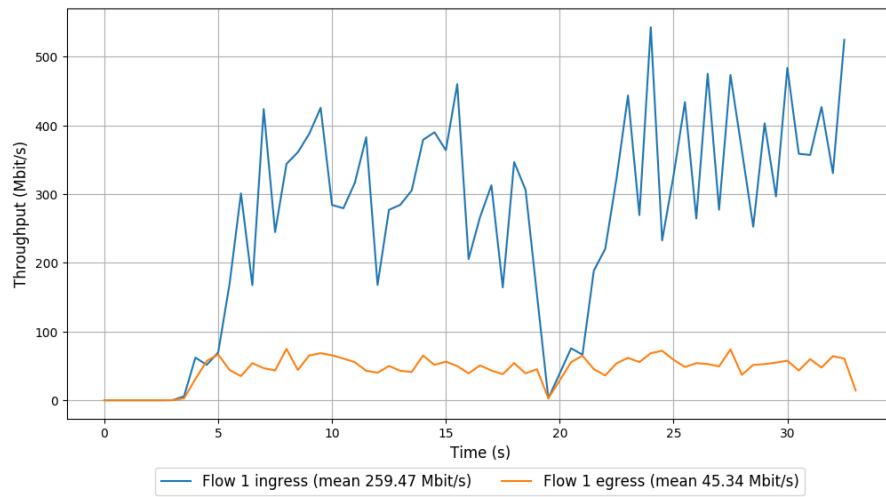


Run 6: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 03:35:37 +0000
End at: Fri, 16 Jun 2017 03:36:07 +0000
Local clock offset: 5.241 ms
Remote clock offset: 1.457 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 79.929 ms
Loss rate: 82.51%
-- Flow 1:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 79.929 ms
Loss rate: 82.51%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 16 Jun 2017 03:53:09 +0000

End at: Fri, 16 Jun 2017 03:53:39 +0000

Local clock offset: 5.483 ms

Remote clock offset: -75.339 ms

Below is generated by plot.py at Fri, 16 Jun 2017 05:43:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.97 Mbit/s

95th percentile per-packet one-way delay: 67.776 ms

Loss rate: 17.96%

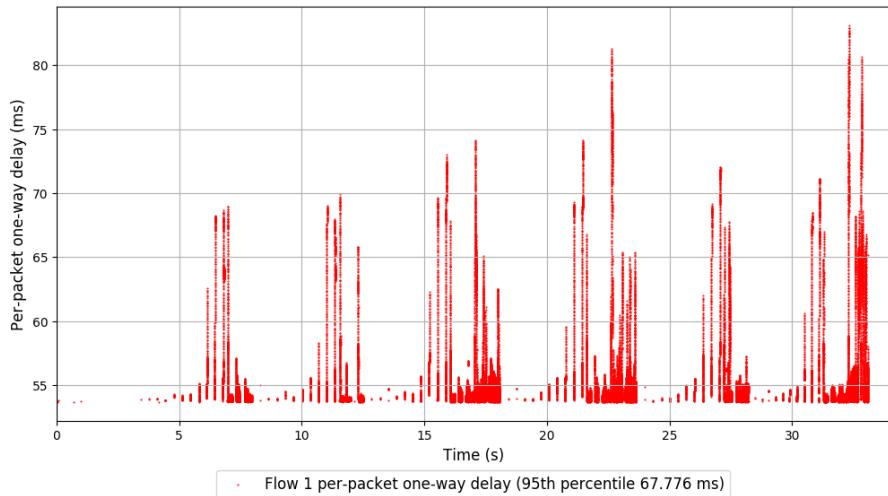
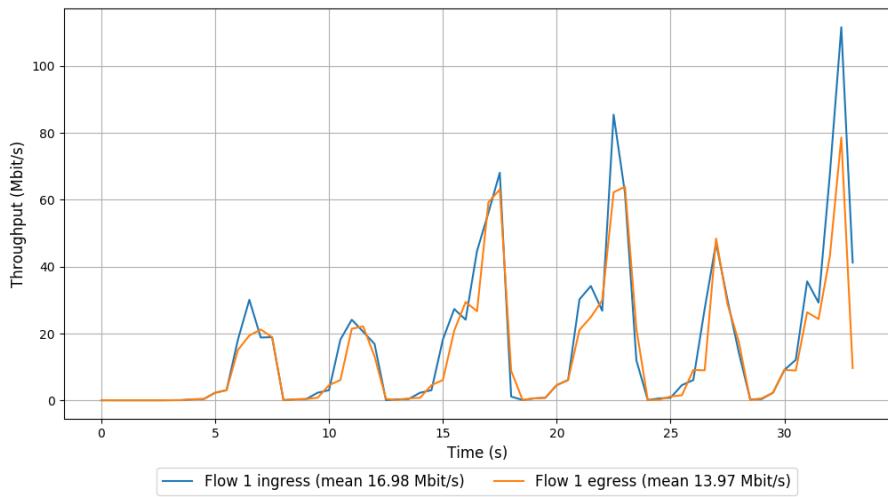
-- Flow 1:

Average throughput: 13.97 Mbit/s

95th percentile per-packet one-way delay: 67.776 ms

Loss rate: 17.96%

Run 7: Report of Verus — Data Link

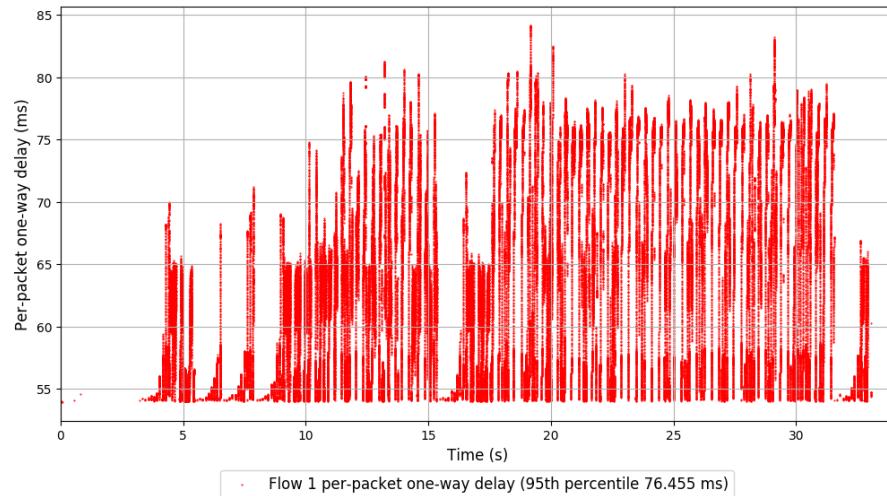
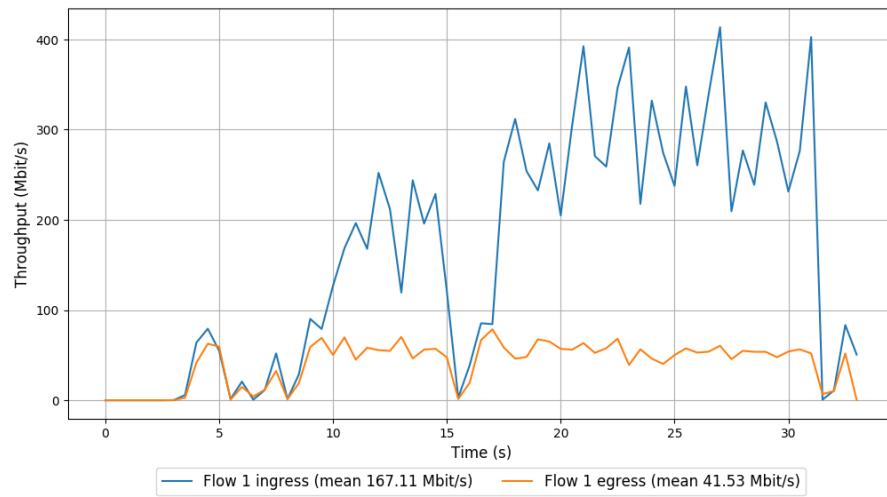


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:11:07 +0000
End at: Fri, 16 Jun 2017 04:11:37 +0000
Local clock offset: 4.193 ms
Remote clock offset: -0.043 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 76.455 ms
Loss rate: 75.23%
-- Flow 1:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 76.455 ms
Loss rate: 75.23%
```

Run 8: Report of Verus — Data Link

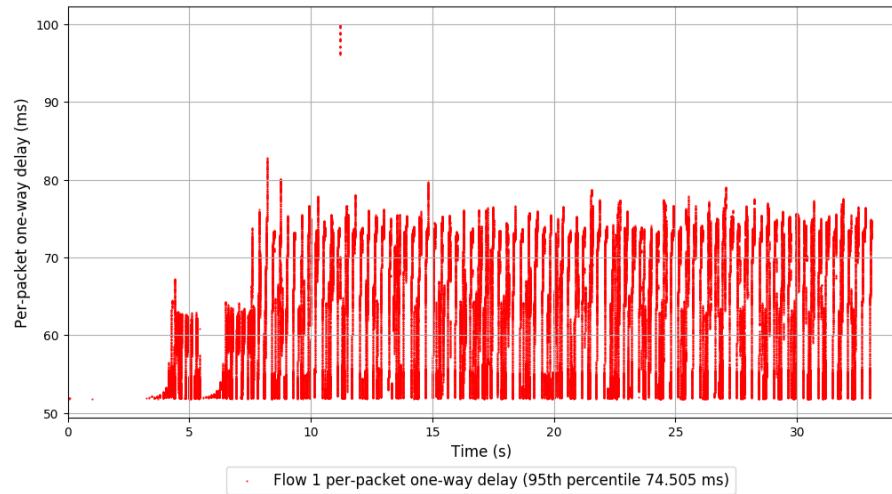
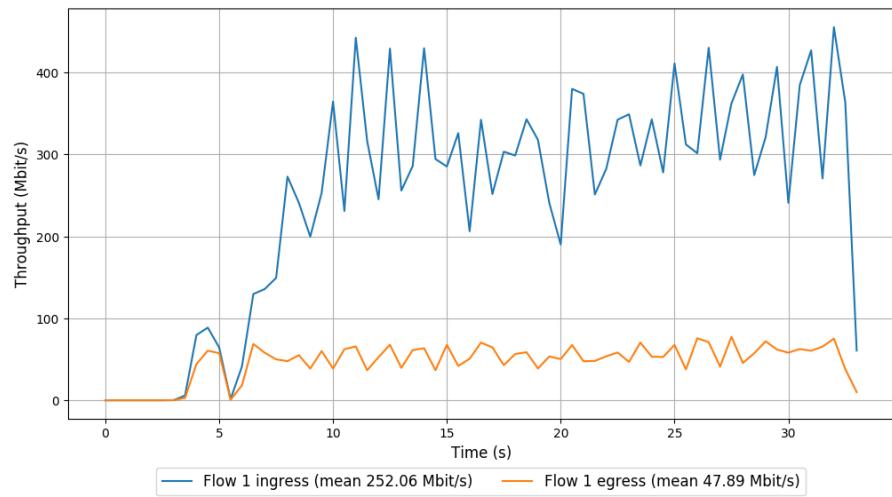


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:28:37 +0000
End at: Fri, 16 Jun 2017 04:29:07 +0000
Local clock offset: 3.19 ms
Remote clock offset: -3.114 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 74.505 ms
Loss rate: 81.04%
-- Flow 1:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 74.505 ms
Loss rate: 81.04%
```

Run 9: Report of Verus — Data Link

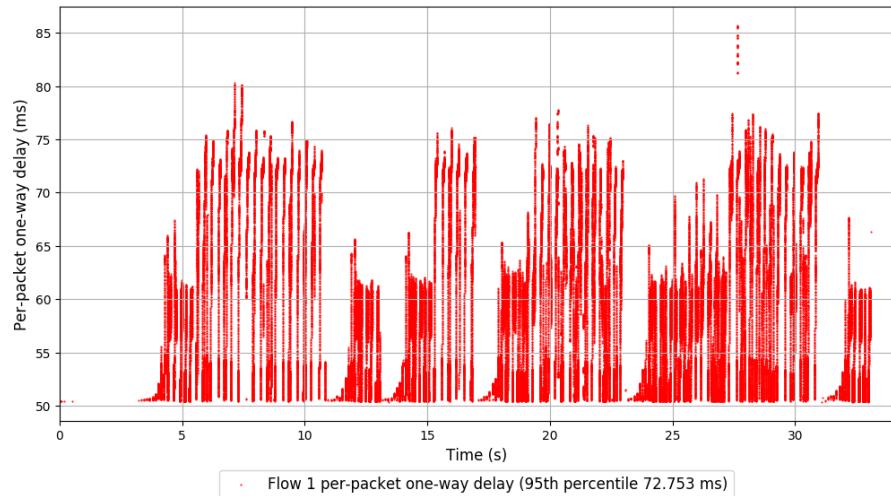
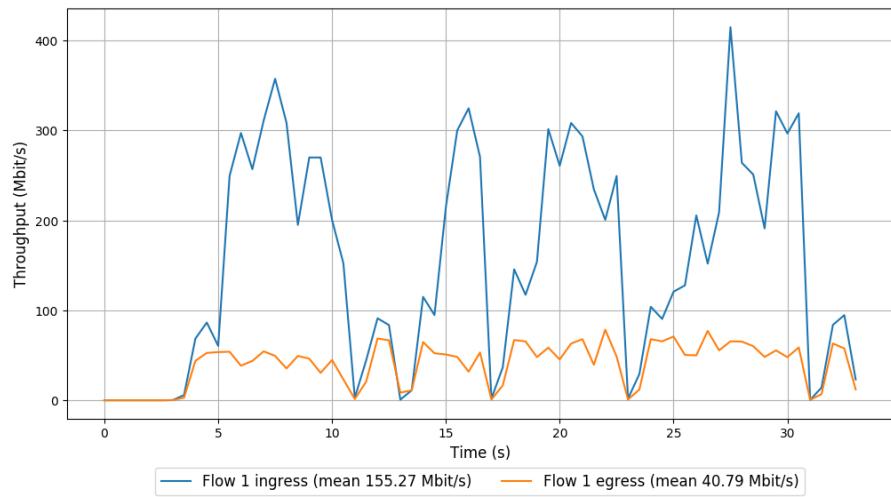


Run 10: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 04:46:06 +0000
End at: Fri, 16 Jun 2017 04:46:37 +0000
Local clock offset: 1.303 ms
Remote clock offset: -6.263 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 72.753 ms
Loss rate: 73.76%
-- Flow 1:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 72.753 ms
Loss rate: 73.76%
```

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

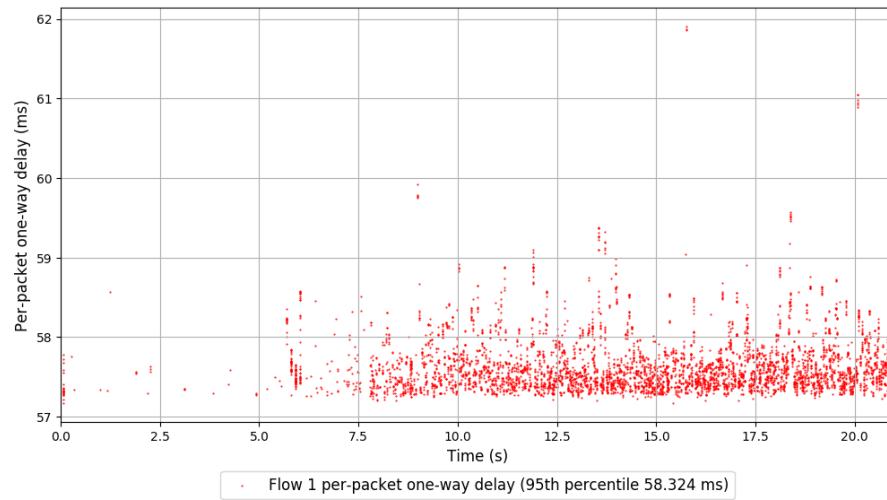
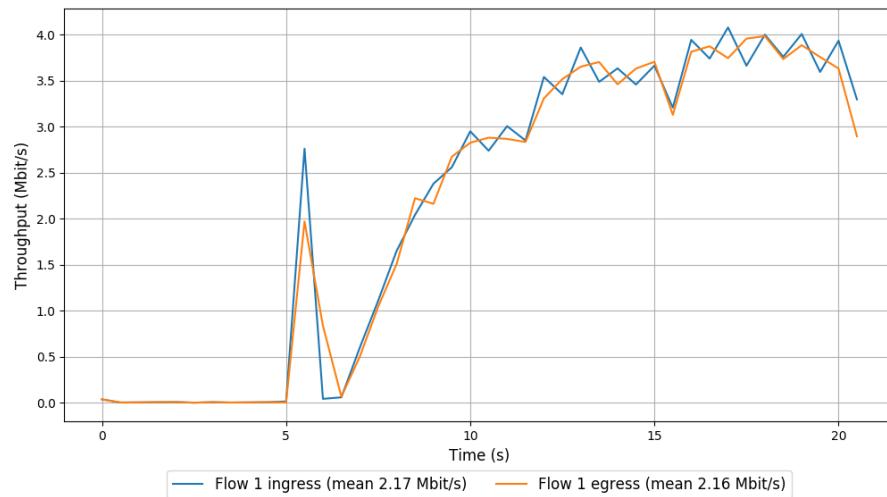
Start at: Fri, 16 Jun 2017 02:15:46 +0000

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

Local clock offset: 1.71 ms

Remote clock offset: 0.923 ms

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

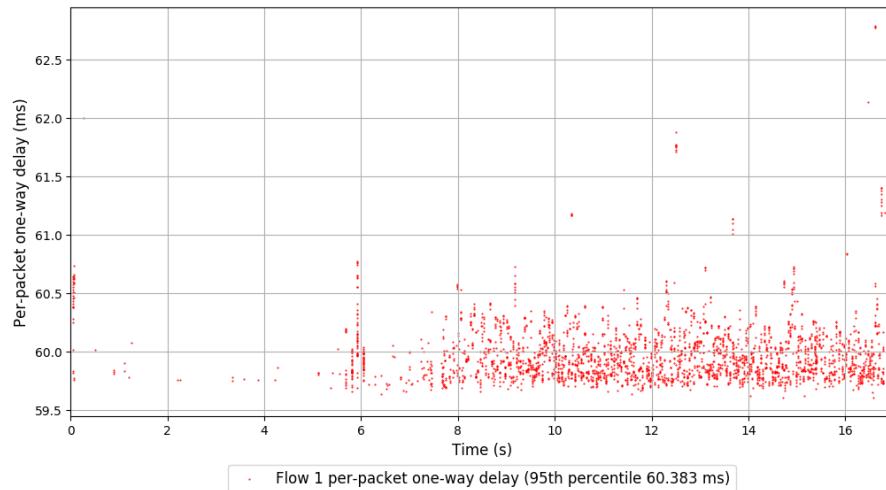
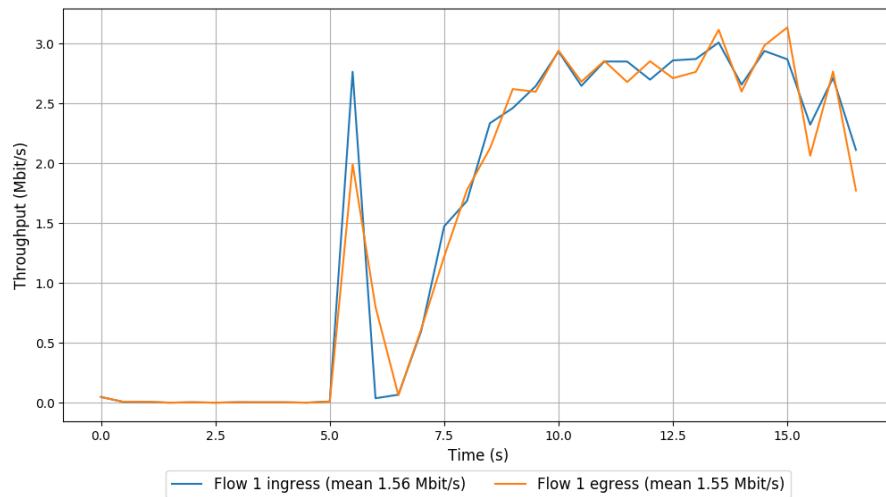
Start at: Fri, 16 Jun 2017 02:33:04 +0000

End at: Fri, 16 Jun 2017 02:33:34 +0000

Local clock offset: -0.089 ms

Remote clock offset: 1.004 ms

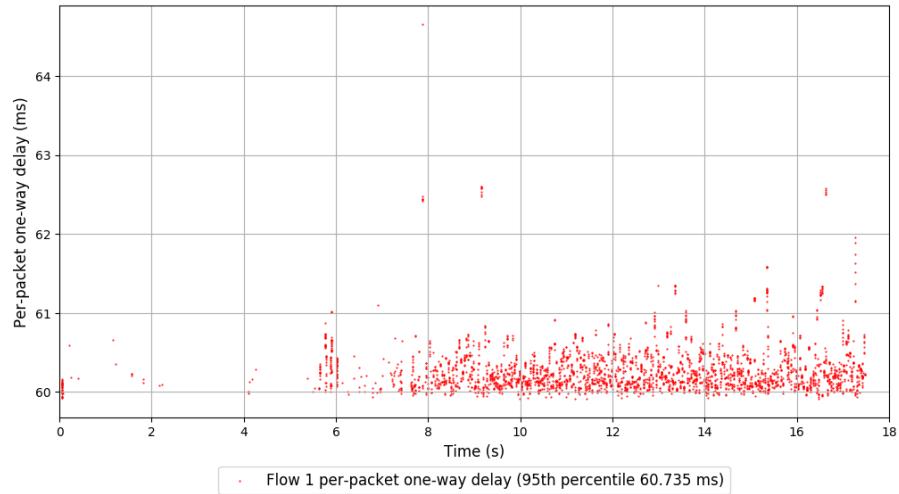
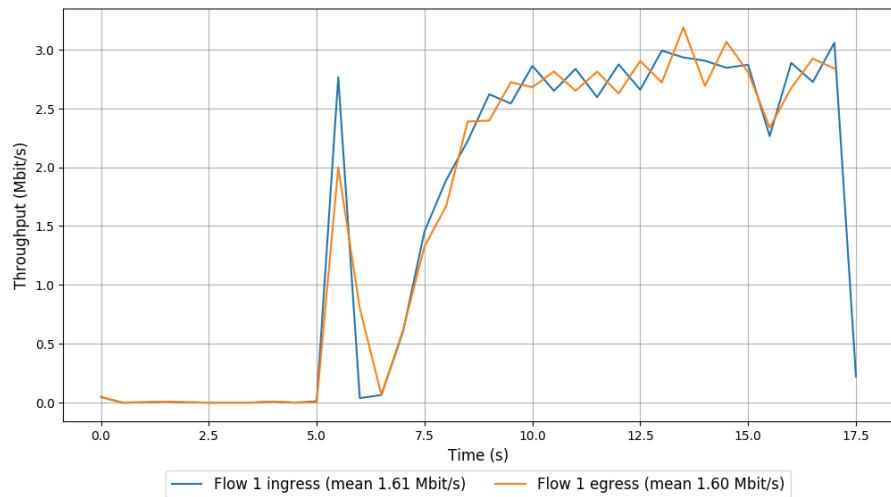
Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:50:27 +0000
End at: Fri, 16 Jun 2017 02:50:57 +0000
Local clock offset: -0.323 ms
Remote clock offset: 1.682 ms

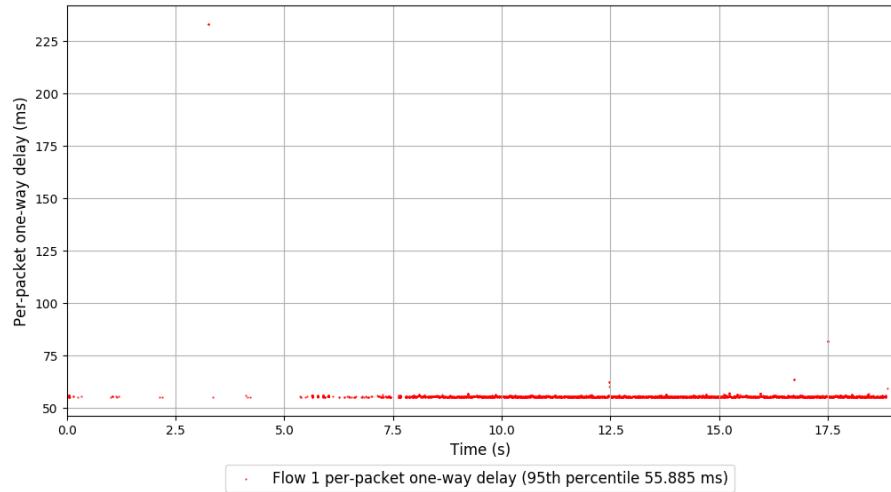
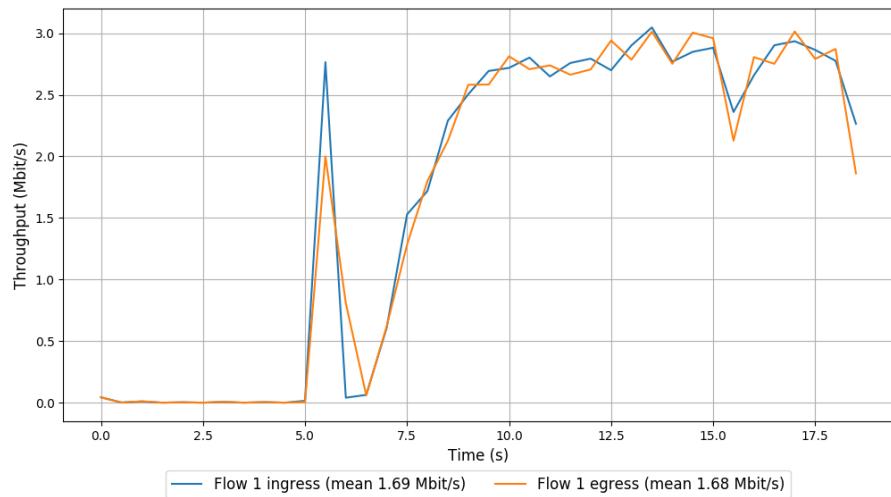
Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 03:07:49 +0000
End at: Fri, 16 Jun 2017 03:08:19 +0000
Local clock offset: 4.451 ms
Remote clock offset: 1.909 ms

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

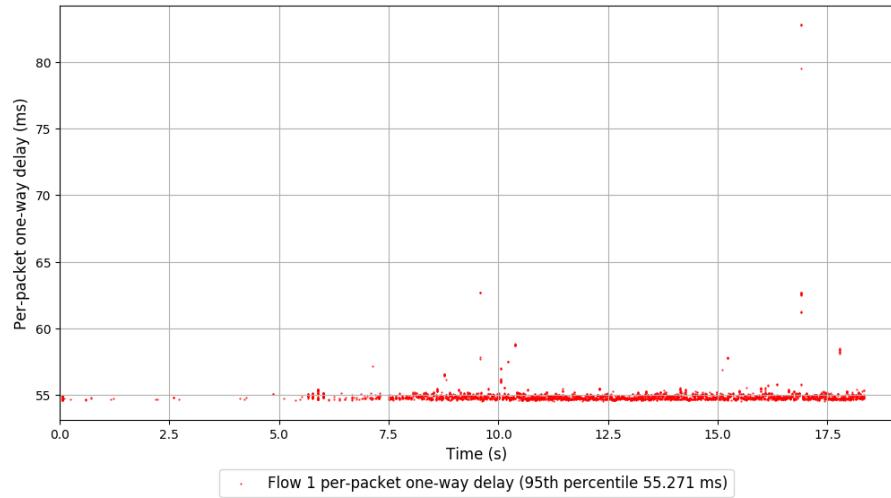
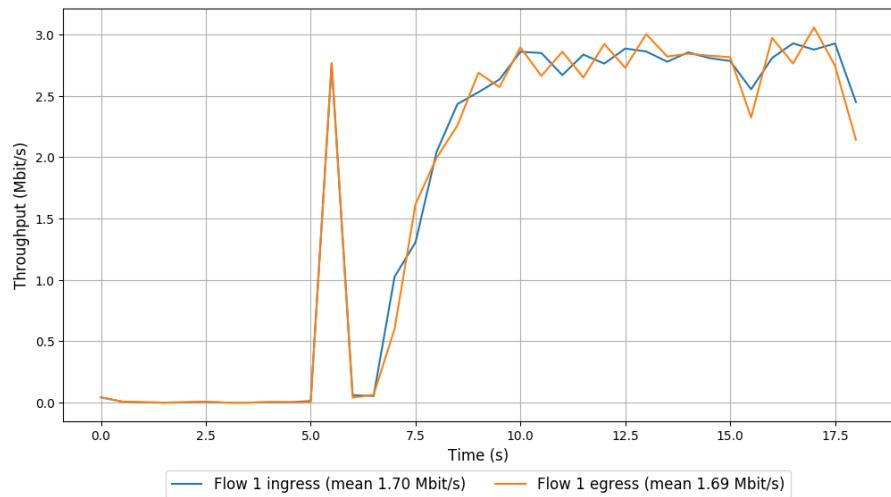
Start at: Fri, 16 Jun 2017 03:25:19 +0000

End at: Fri, 16 Jun 2017 03:25:49 +0000

Local clock offset: 5.144 ms

Remote clock offset: 1.627 ms

Run 5: Report of WebRTC media — Data Link

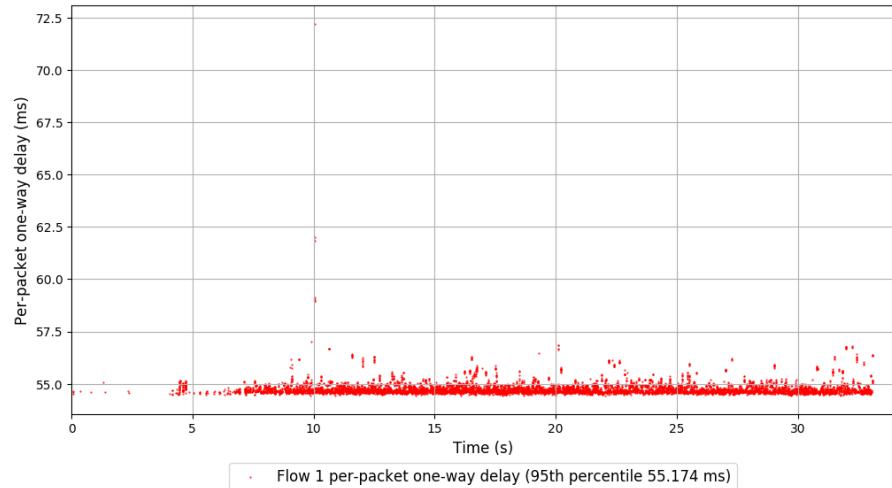
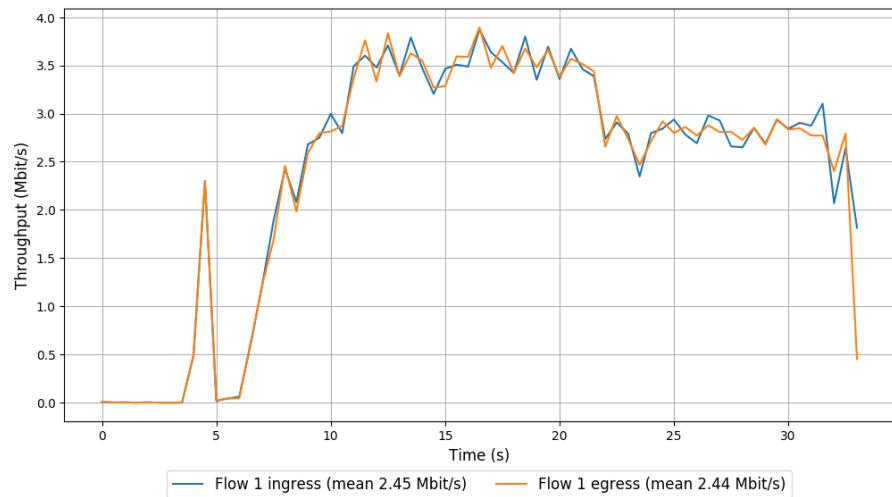


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 03:42:40 +0000
End at: Fri, 16 Jun 2017 03:43:10 +0000
Local clock offset: 5.422 ms
Remote clock offset: 0.981 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 55.174 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 55.174 ms
Loss rate: 1.05%
```

Run 6: Report of WebRTC media — Data Link

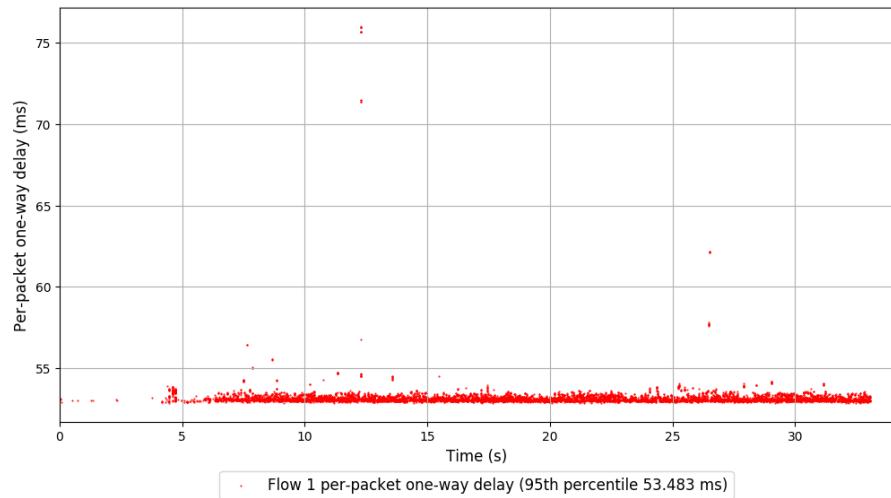
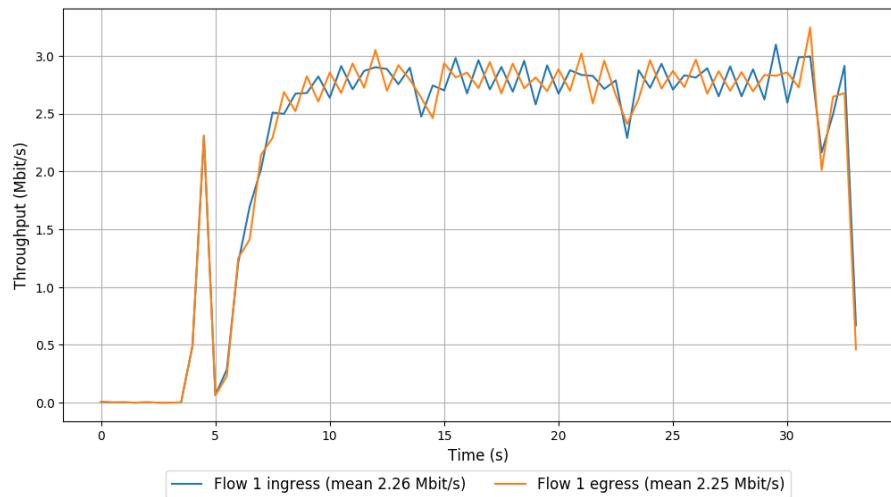


Run 7: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:00:38 +0000
End at: Fri, 16 Jun 2017 04:01:08 +0000
Local clock offset: 5.66 ms
Remote clock offset: 0.832 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 0.45%
```

Run 7: Report of WebRTC media — Data Link

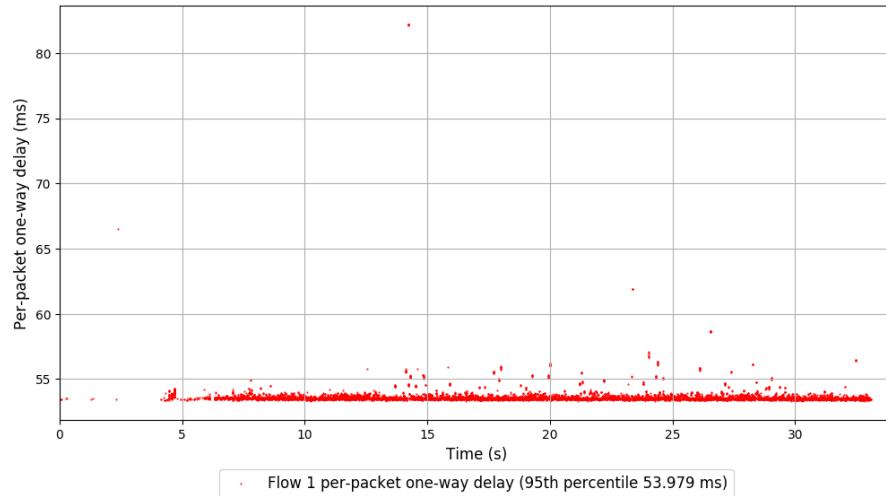
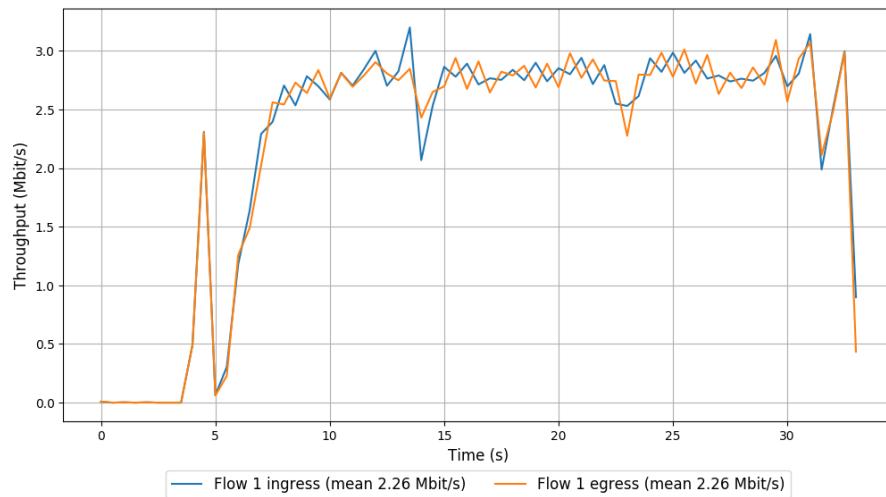


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 04:18:06 +0000
End at: Fri, 16 Jun 2017 04:18:36 +0000
Local clock offset: 3.68 ms
Remote clock offset: -0.984 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 05:43:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 53.979 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 53.979 ms
Loss rate: 0.46%
```

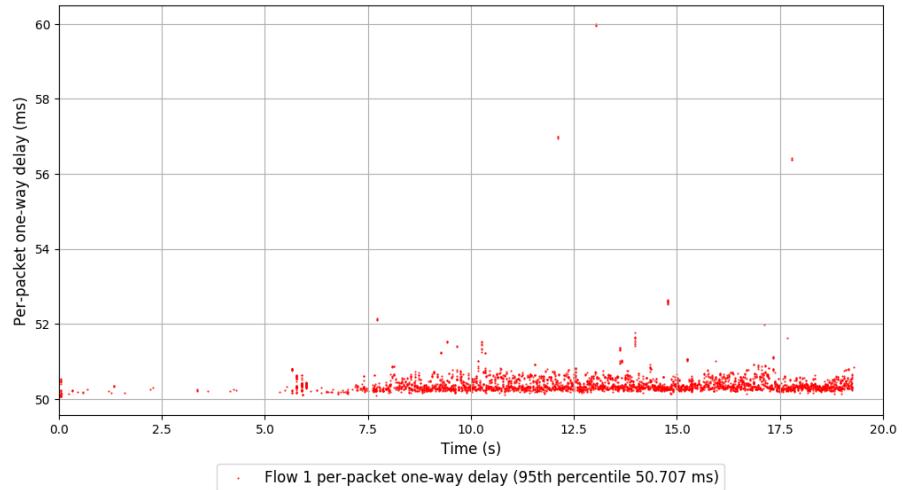
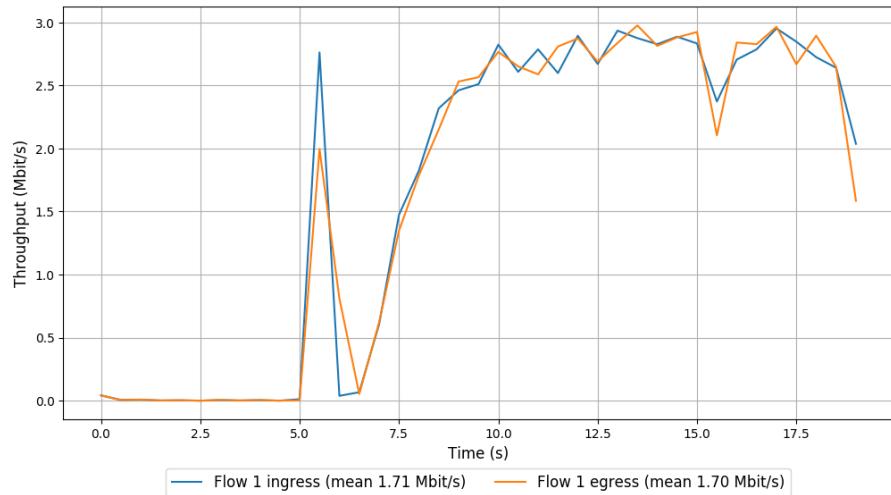
Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 04:35:47 +0000
End at: Fri, 16 Jun 2017 04:36:17 +0000
Local clock offset: 2.751 ms
Remote clock offset: -4.328 ms

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 04:53:12 +0000
End at: Fri, 16 Jun 2017 04:53:42 +0000
Local clock offset: 0.752 ms
Remote clock offset: -6.732 ms

Run 10: Report of WebRTC media — Data Link

