

Pantheon Summary (Generated at Fri, 16 Jun 2017 07:43:36 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

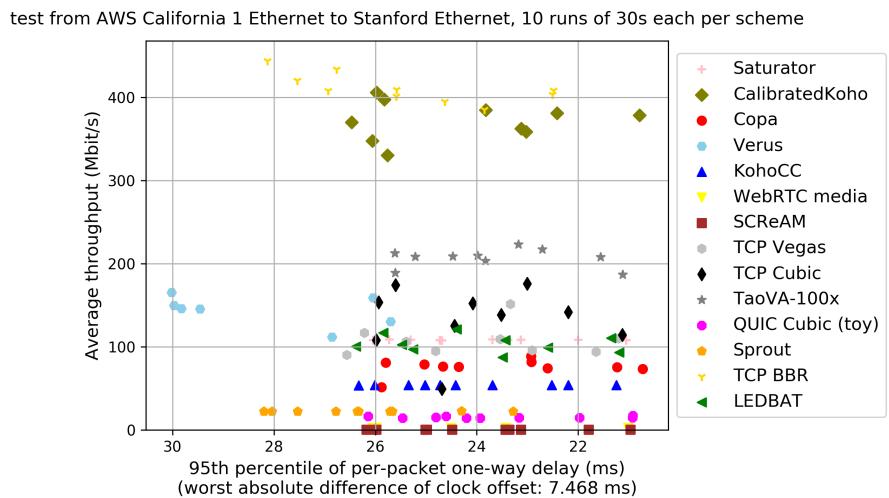
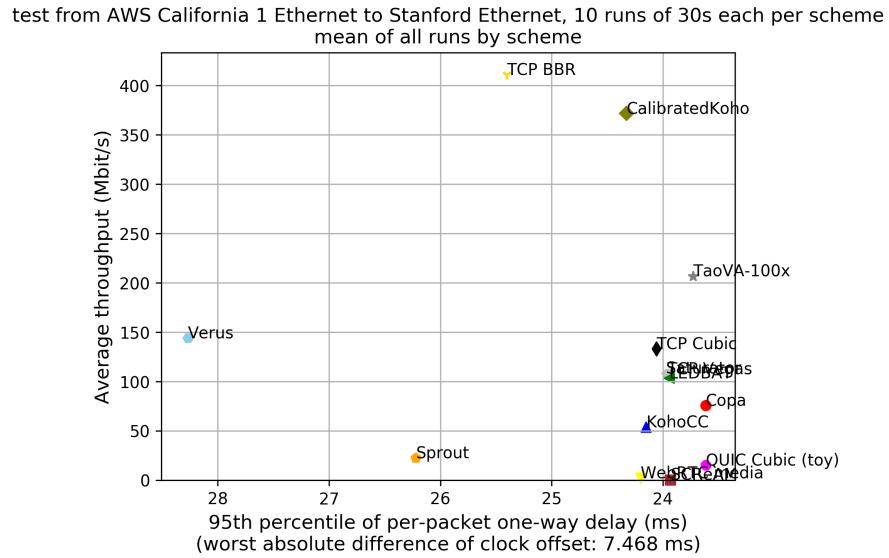
Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

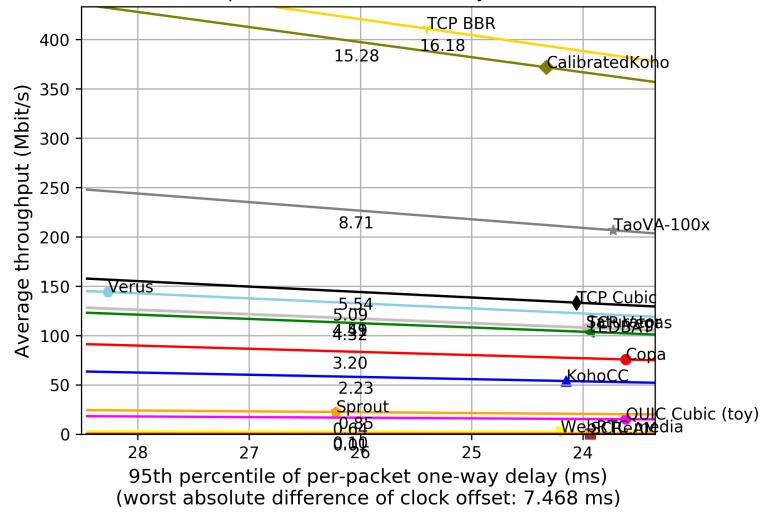
Data path **from** AWS California 1 Ethernet **to** Stanford Ethernet.

NTP offset measured against time.stanford.edu.

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



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

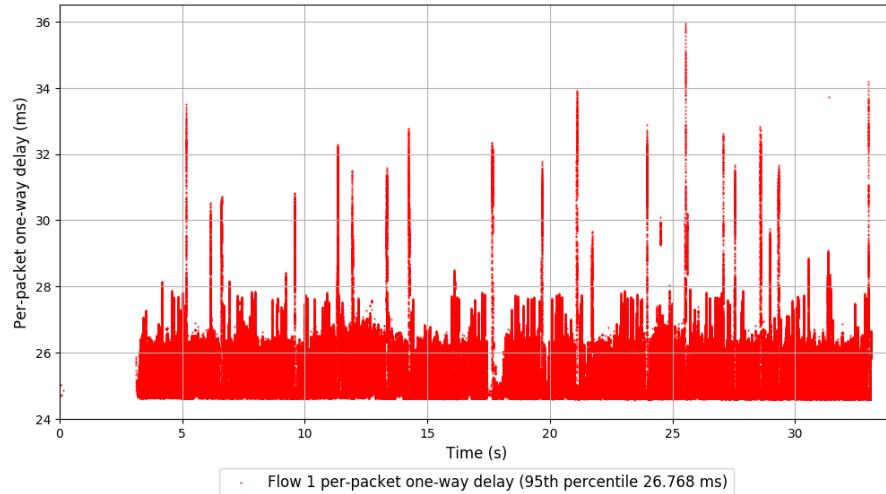
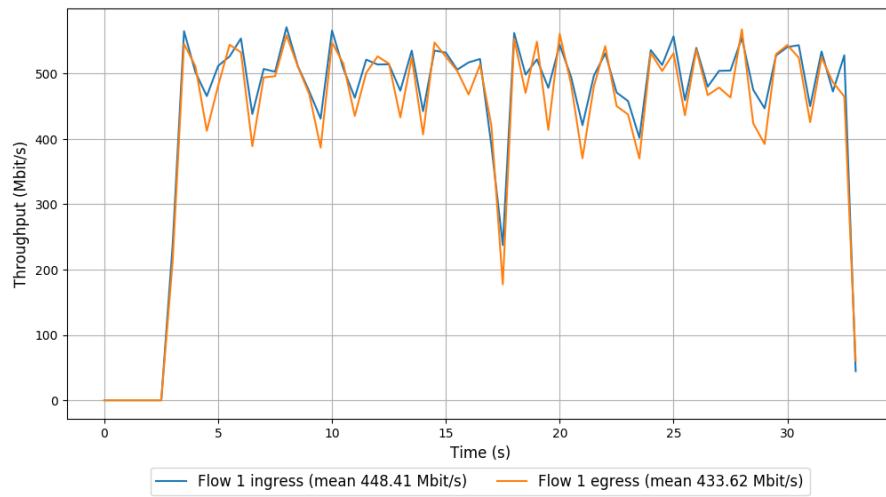


Run 1: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:15:53 +0000
End at: Thu, 15 Jun 2017 23:16:23 +0000
Local clock offset: 3.223 ms
Remote clock offset: -2.707 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 433.62 Mbit/s
95th percentile per-packet one-way delay: 26.768 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 433.62 Mbit/s
95th percentile per-packet one-way delay: 26.768 ms
Loss rate: 3.32%
```

Run 1: Report of TCP BBR — Data Link

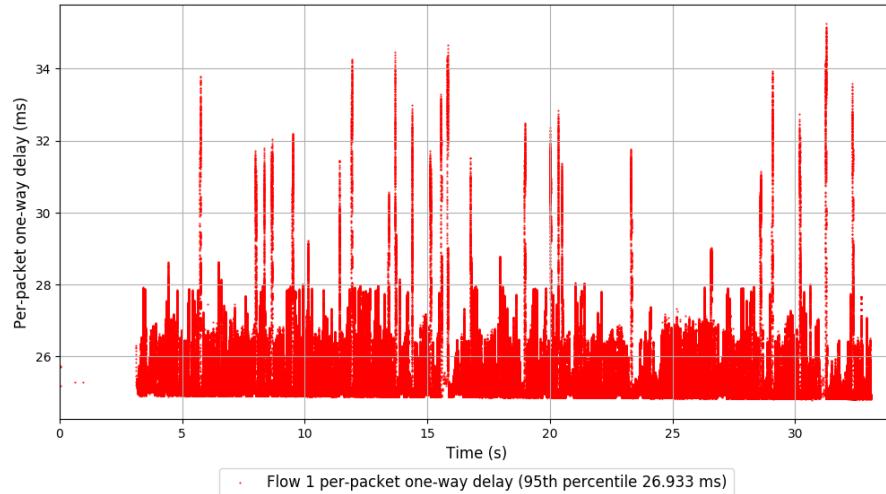
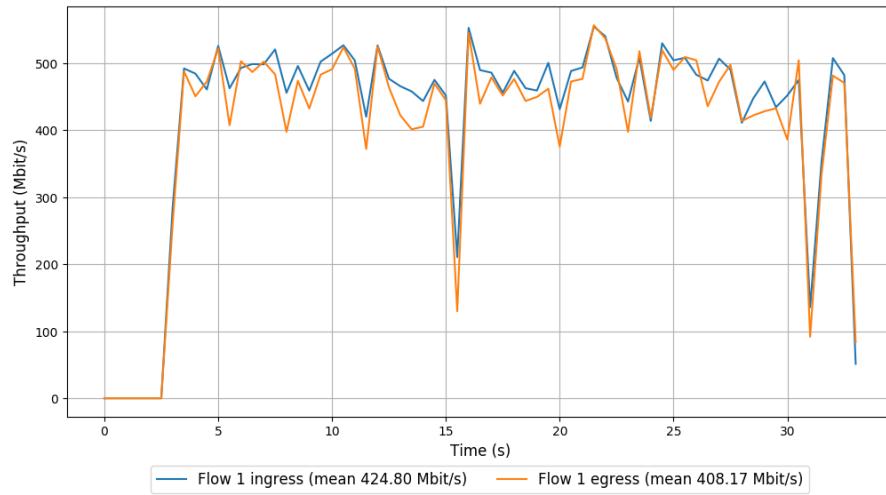


Run 2: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:35:23 +0000
End at: Thu, 15 Jun 2017 23:35:53 +0000
Local clock offset: 3.496 ms
Remote clock offset: -2.821 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 408.17 Mbit/s
95th percentile per-packet one-way delay: 26.933 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 408.17 Mbit/s
95th percentile per-packet one-way delay: 26.933 ms
Loss rate: 3.92%
```

Run 2: Report of TCP BBR — Data Link

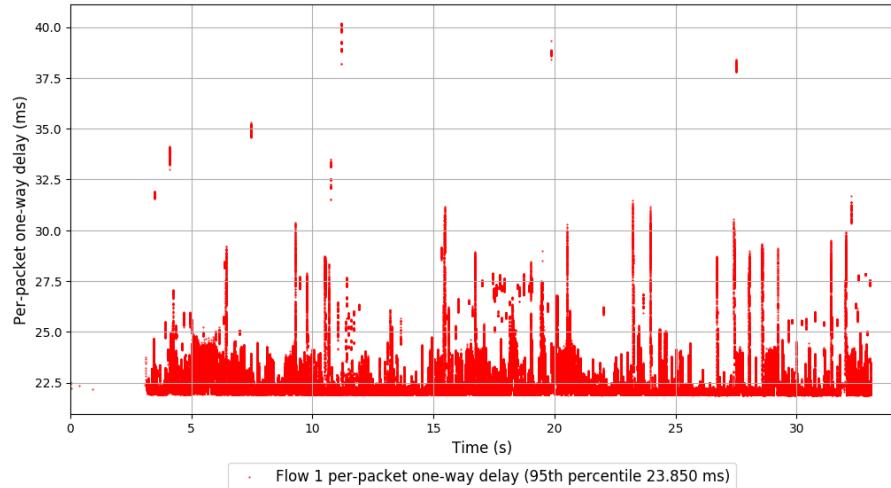
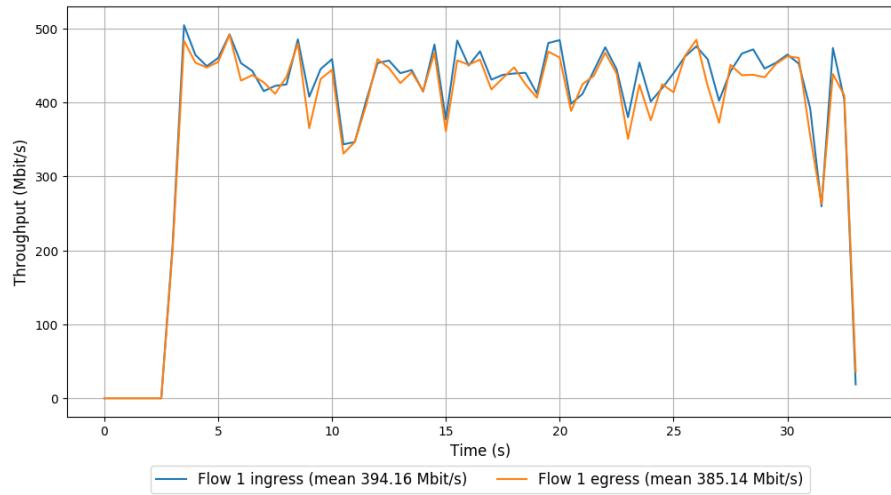


Run 3: Statistics of TCP BBR

```
Start at: Thu, 15 Jun 2017 23:54:59 +0000
End at: Thu, 15 Jun 2017 23:55:29 +0000
Local clock offset: 1.134 ms
Remote clock offset: -2.219 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:17:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 385.14 Mbit/s
95th percentile per-packet one-way delay: 23.850 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 385.14 Mbit/s
95th percentile per-packet one-way delay: 23.850 ms
Loss rate: 2.29%
```

Run 3: Report of TCP BBR — Data Link

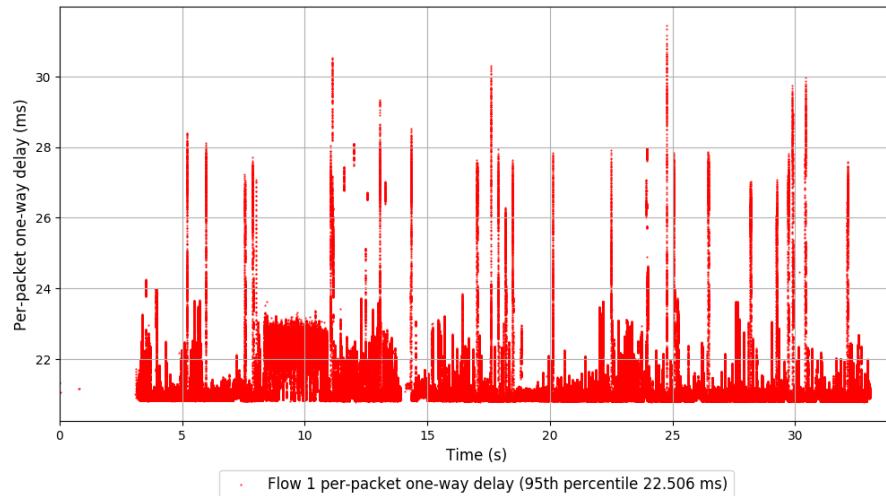
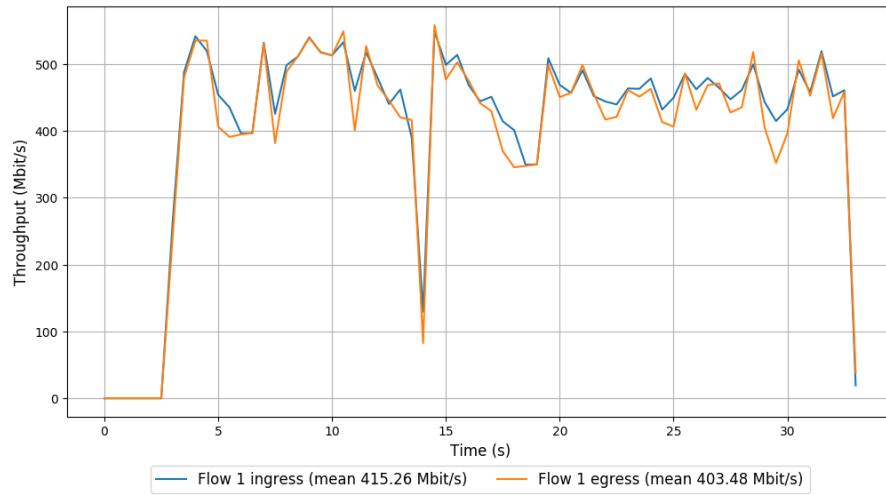


Run 4: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:14:29 +0000
End at: Fri, 16 Jun 2017 00:14:59 +0000
Local clock offset: 0.155 ms
Remote clock offset: -1.962 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 403.48 Mbit/s
95th percentile per-packet one-way delay: 22.506 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 403.48 Mbit/s
95th percentile per-packet one-way delay: 22.506 ms
Loss rate: 2.84%
```

Run 4: Report of TCP BBR — Data Link

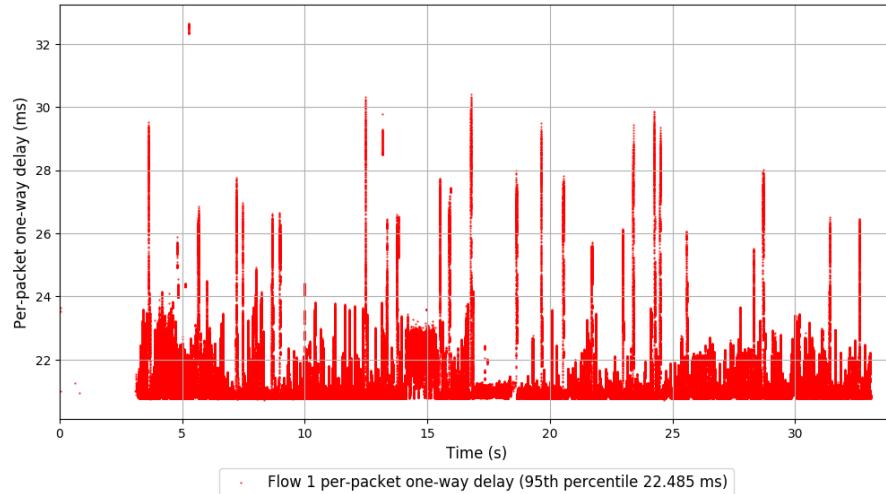
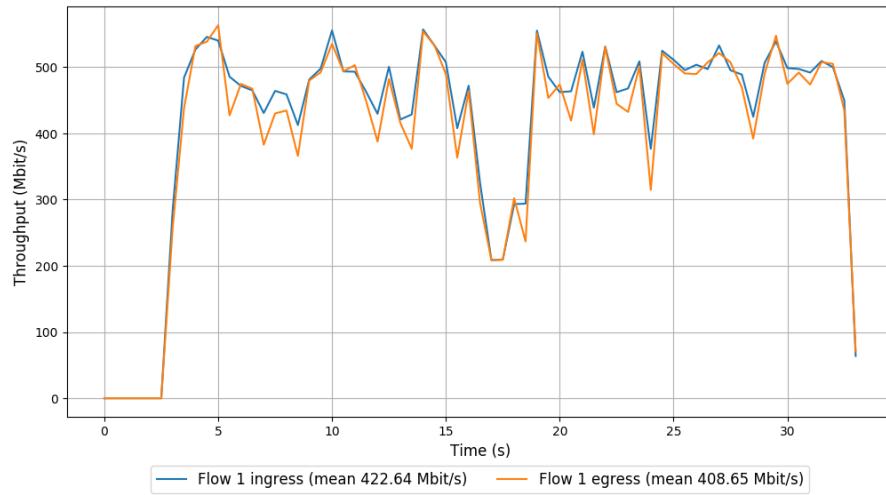


Run 5: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:34:00 +0000
End at: Fri, 16 Jun 2017 00:34:30 +0000
Local clock offset: 0.174 ms
Remote clock offset: -1.793 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 408.65 Mbit/s
95th percentile per-packet one-way delay: 22.485 ms
Loss rate: 3.34%
-- Flow 1:
Average throughput: 408.65 Mbit/s
95th percentile per-packet one-way delay: 22.485 ms
Loss rate: 3.34%
```

Run 5: Report of TCP BBR — Data Link

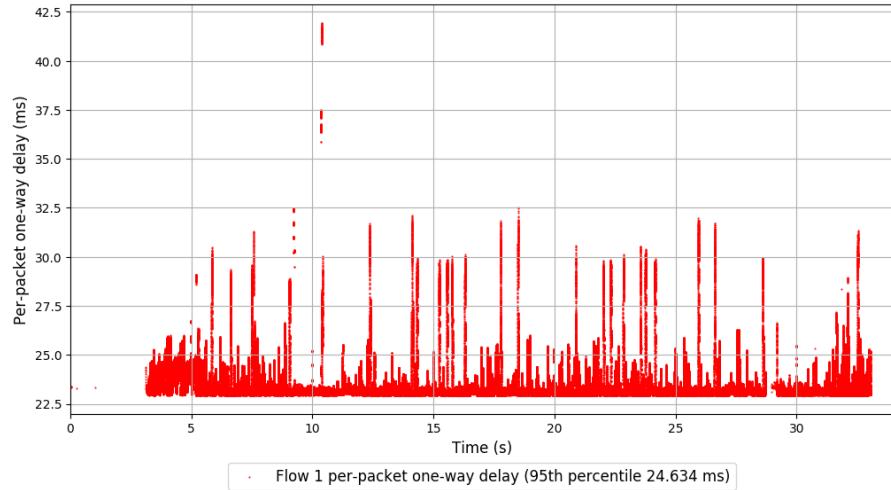
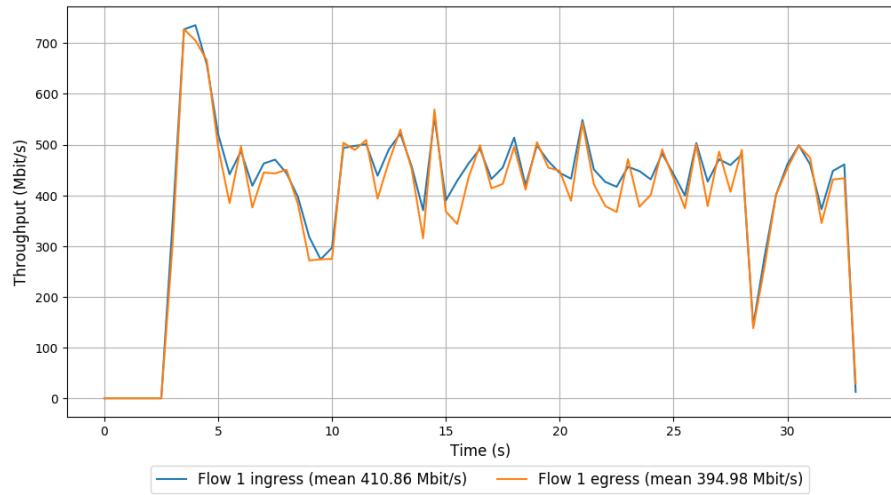


Run 6: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 00:53:31 +0000
End at: Fri, 16 Jun 2017 00:54:01 +0000
Local clock offset: 2.208 ms
Remote clock offset: -2.171 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:18:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 394.98 Mbit/s
95th percentile per-packet one-way delay: 24.634 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 394.98 Mbit/s
95th percentile per-packet one-way delay: 24.634 ms
Loss rate: 3.87%
```

Run 6: Report of TCP BBR — Data Link

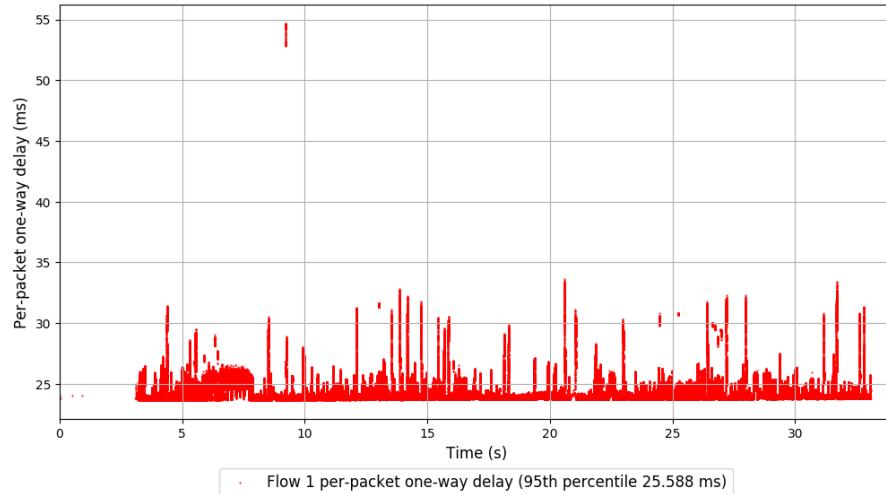
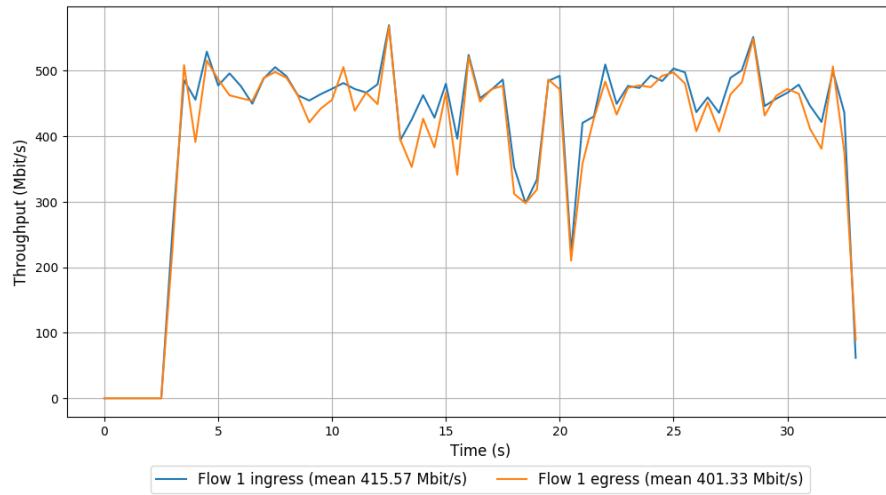


Run 7: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:12:58 +0000
End at: Fri, 16 Jun 2017 01:13:28 +0000
Local clock offset: 2.428 ms
Remote clock offset: -2.299 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 401.33 Mbit/s
95th percentile per-packet one-way delay: 25.588 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 401.33 Mbit/s
95th percentile per-packet one-way delay: 25.588 ms
Loss rate: 3.43%
```

Run 7: Report of TCP BBR — Data Link

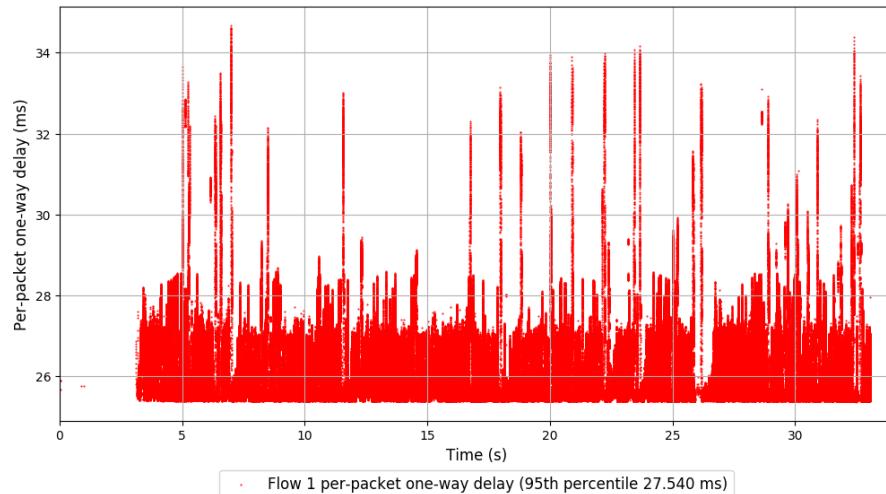
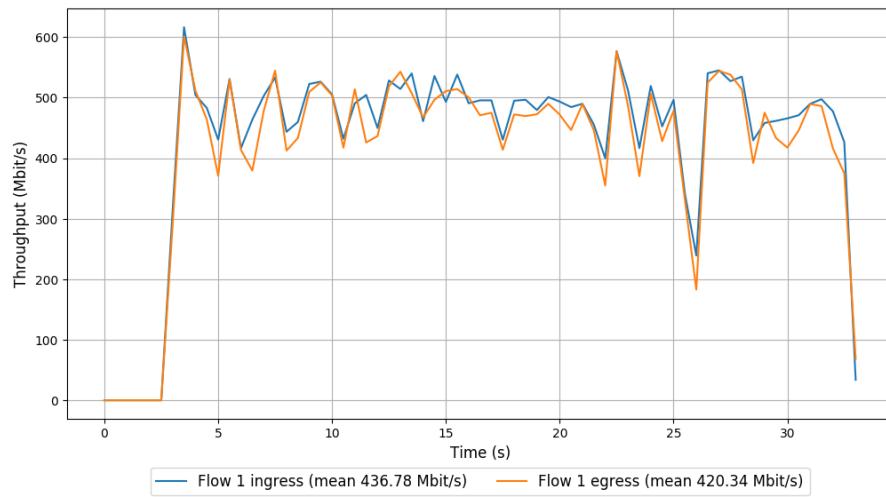


Run 8: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:32:29 +0000
End at: Fri, 16 Jun 2017 01:32:59 +0000
Local clock offset: 4.405 ms
Remote clock offset: -2.316 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:19:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 420.34 Mbit/s
95th percentile per-packet one-way delay: 27.540 ms
Loss rate: 3.76%
-- Flow 1:
Average throughput: 420.34 Mbit/s
95th percentile per-packet one-way delay: 27.540 ms
Loss rate: 3.76%
```

Run 8: Report of TCP BBR — Data Link

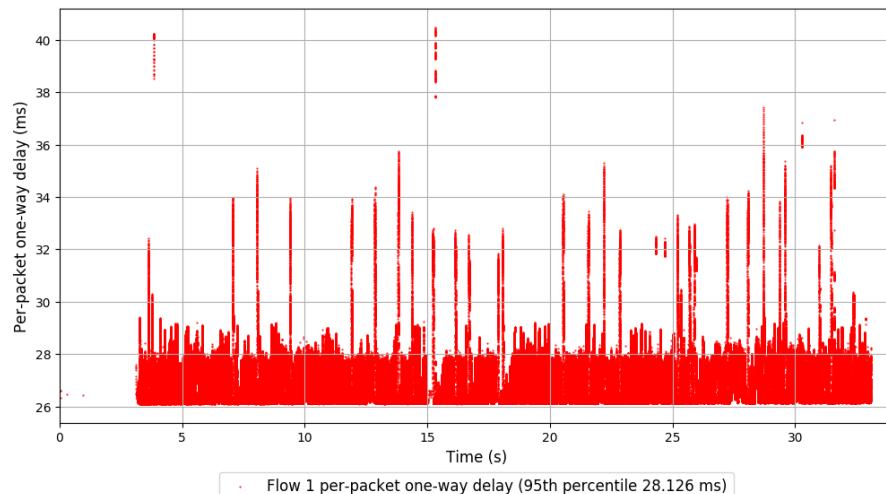
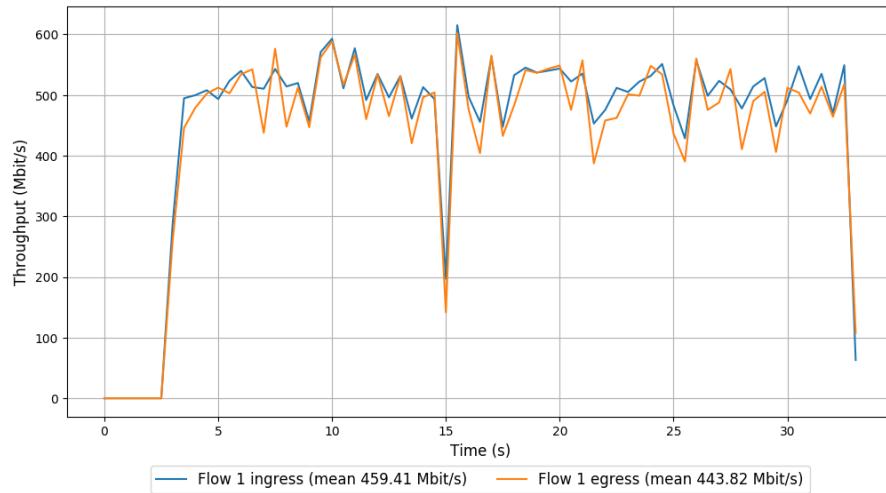


Run 9: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 01:52:04 +0000
End at: Fri, 16 Jun 2017 01:52:34 +0000
Local clock offset: 4.532 ms
Remote clock offset: -2.936 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 443.82 Mbit/s
95th percentile per-packet one-way delay: 28.126 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 443.82 Mbit/s
95th percentile per-packet one-way delay: 28.126 ms
Loss rate: 3.43%
```

Run 9: Report of TCP BBR — Data Link

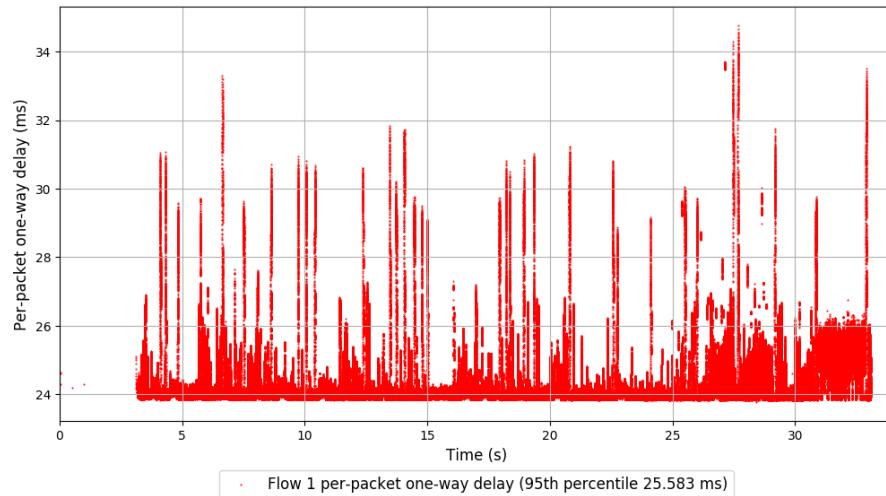
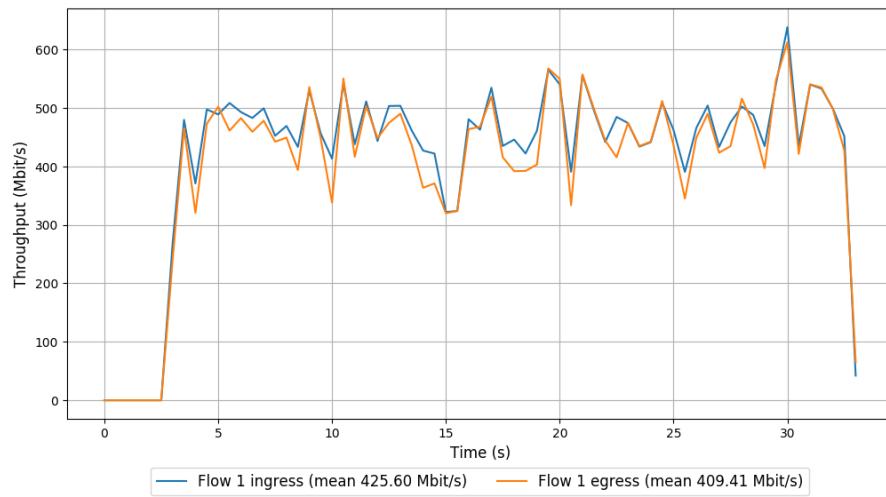


Run 10: Statistics of TCP BBR

```
Start at: Fri, 16 Jun 2017 02:11:37 +0000
End at: Fri, 16 Jun 2017 02:12:07 +0000
Local clock offset: 2.264 ms
Remote clock offset: -2.958 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:20:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 409.41 Mbit/s
95th percentile per-packet one-way delay: 25.583 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 409.41 Mbit/s
95th percentile per-packet one-way delay: 25.583 ms
Loss rate: 3.80%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:28:39 +0000
```

```
End at: Thu, 15 Jun 2017 23:29:09 +0000
```

```
Local clock offset: 2.561 ms
```

```
Remote clock offset: -2.712 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 397.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.822 ms
```

```
Loss rate: 0.11%
```

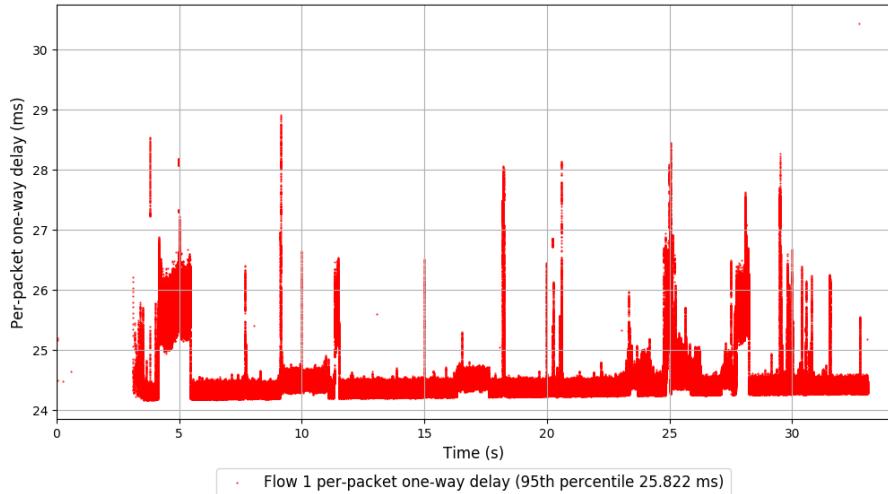
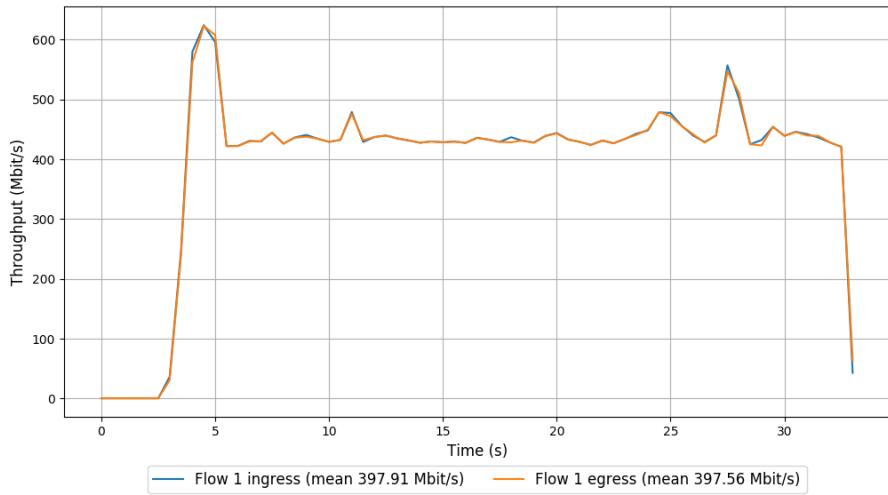
```
-- Flow 1:
```

```
Average throughput: 397.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.822 ms
```

```
Loss rate: 0.11%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:48:16 +0000
```

```
End at: Thu, 15 Jun 2017 23:48:46 +0000
```

```
Local clock offset: 1.807 ms
```

```
Remote clock offset: -2.391 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:21:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 358.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.024 ms
```

```
Loss rate: 0.75%
```

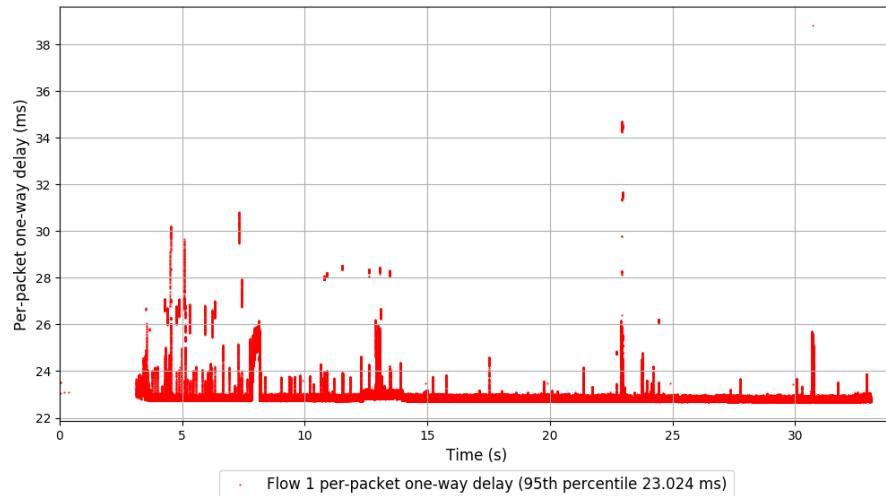
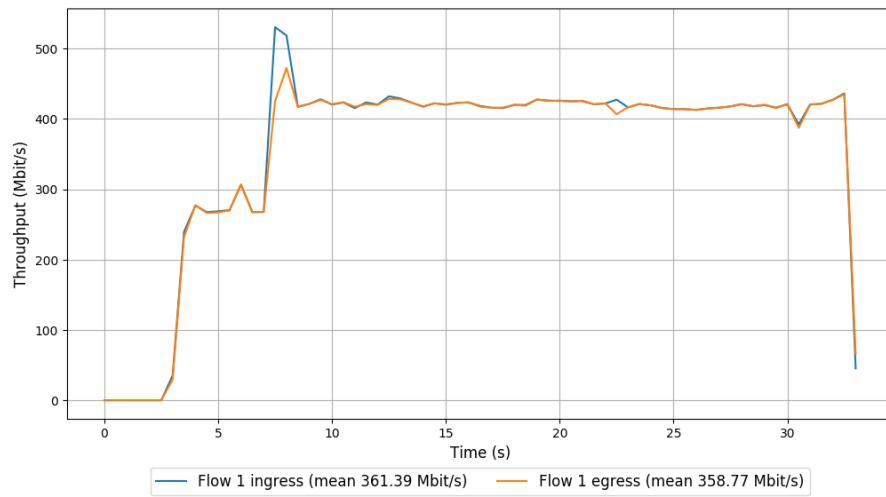
```
-- Flow 1:
```

```
Average throughput: 358.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.024 ms
```

```
Loss rate: 0.75%
```

Run 2: Report of CalibratedKoho — Data Link

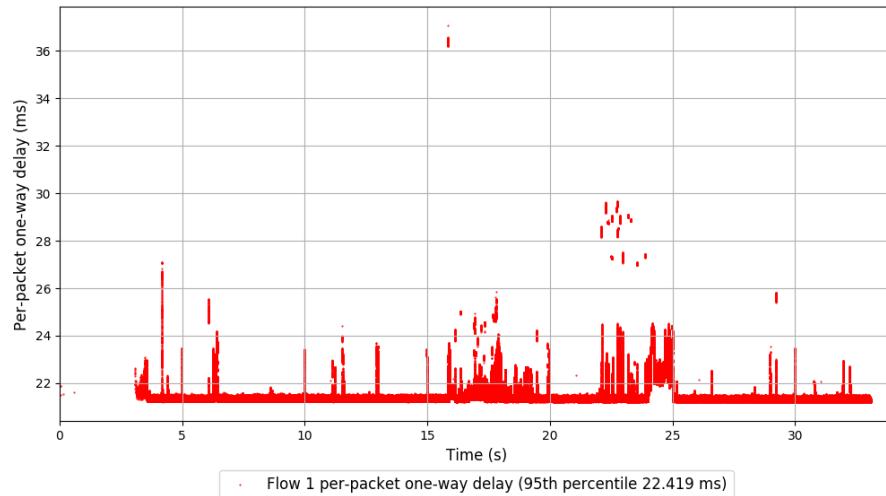
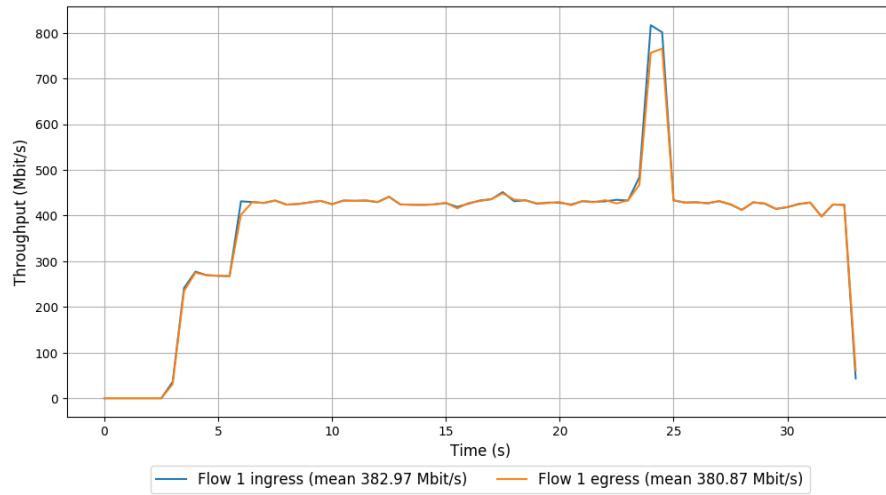


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Fri, 16 Jun 2017 00:07:47 +0000
End at: Fri, 16 Jun 2017 00:08:17 +0000
Local clock offset: 0.487 ms
Remote clock offset: -2.063 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 380.87 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 380.87 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.57%
```

Run 3: Report of CalibratedKoho — Data Link

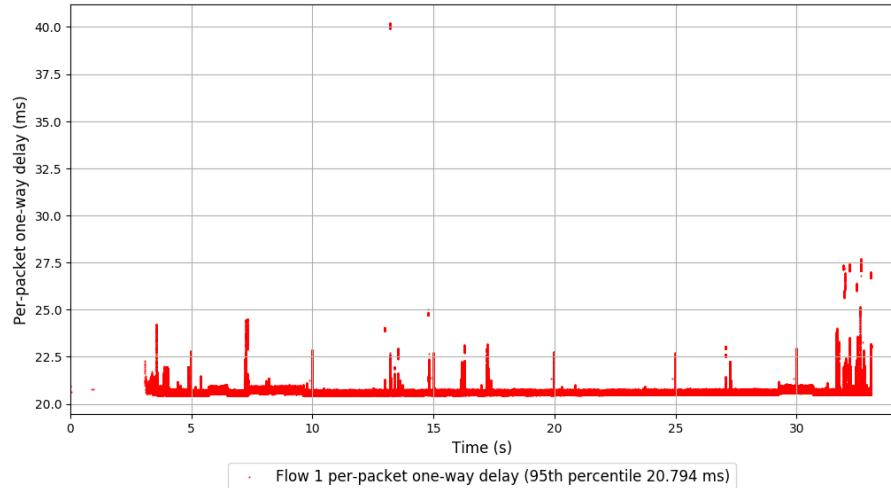
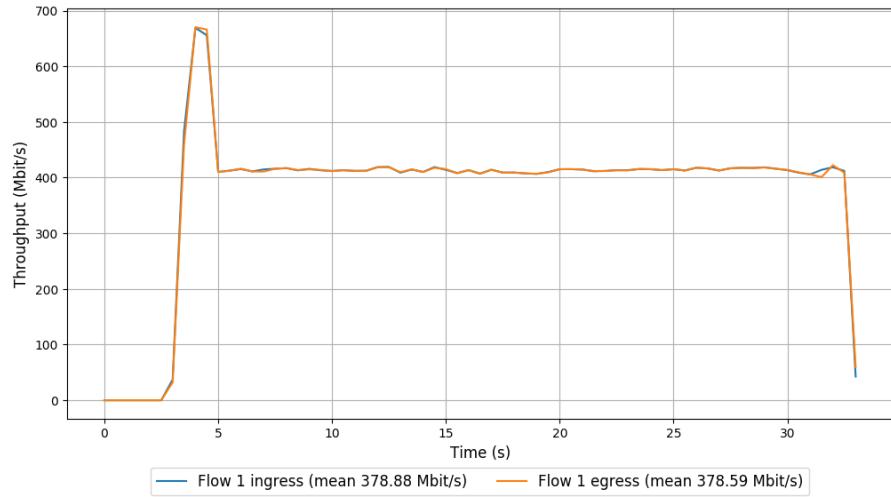


Run 4: Statistics of CalibratedKoho

```
Start at: Fri, 16 Jun 2017 00:27:16 +0000
End at: Fri, 16 Jun 2017 00:27:46 +0000
Local clock offset: -0.083 ms
Remote clock offset: -1.848 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:22:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 378.59 Mbit/s
95th percentile per-packet one-way delay: 20.794 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 378.59 Mbit/s
95th percentile per-packet one-way delay: 20.794 ms
Loss rate: 0.07%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 00:46:53 +0000
```

```
End at: Fri, 16 Jun 2017 00:47:23 +0000
```

```
Local clock offset: 2.14 ms
```

```
Remote clock offset: -1.939 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 384.84 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.825 ms
```

```
Loss rate: 0.14%
```

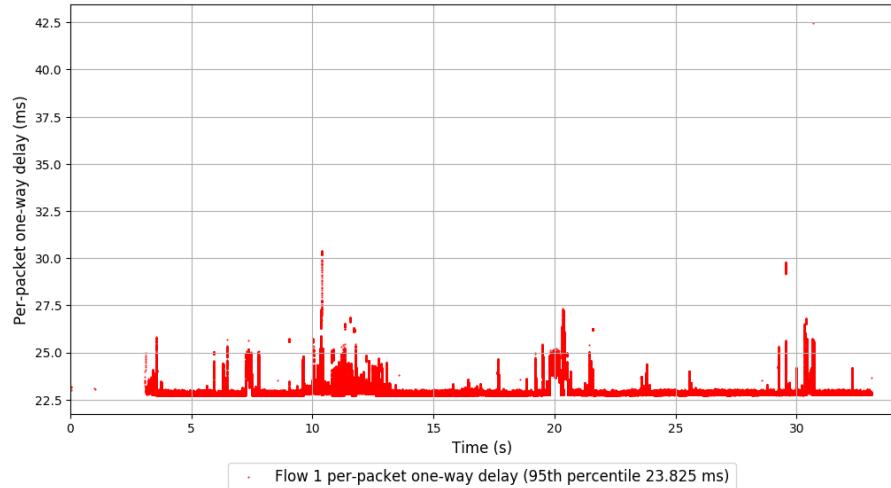
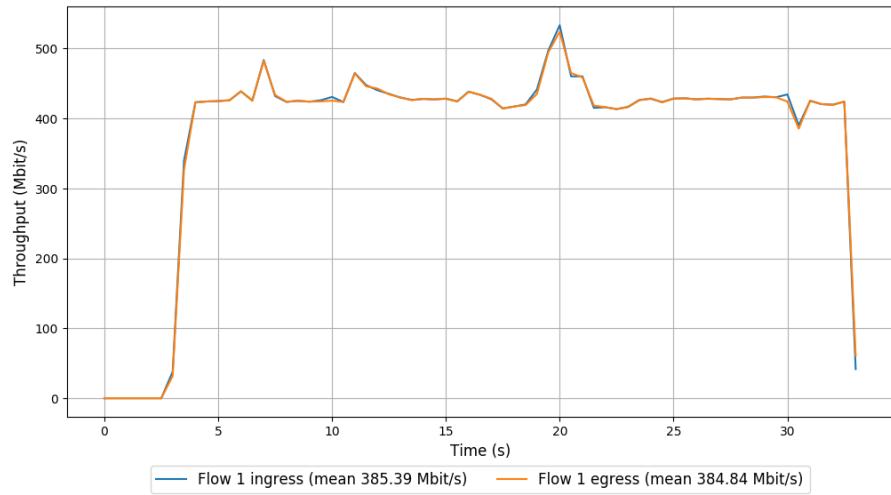
```
-- Flow 1:
```

```
Average throughput: 384.84 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.825 ms
```

```
Loss rate: 0.14%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 01:06:21 +0000
```

```
End at: Fri, 16 Jun 2017 01:06:51 +0000
```

```
Local clock offset: 1.814 ms
```

```
Remote clock offset: -2.398 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:23:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 362.52 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.127 ms
```

```
Loss rate: 0.06%
```

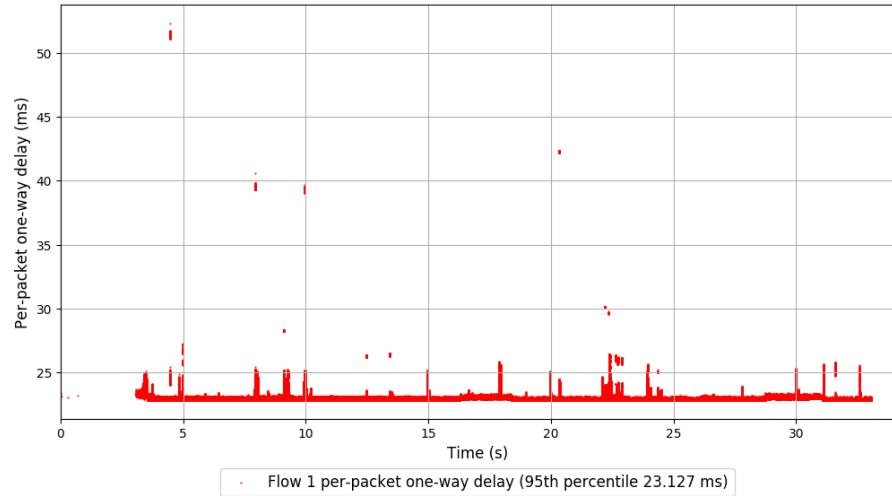
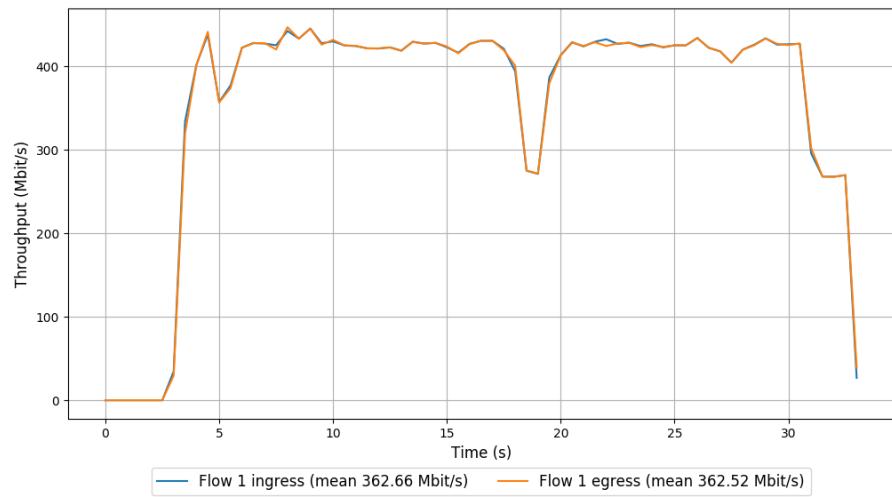
```
-- Flow 1:
```

```
Average throughput: 362.52 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.127 ms
```

```
Loss rate: 0.06%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 01:25:45 +0000

End at: Fri, 16 Jun 2017 01:26:15 +0000

Local clock offset: 4.698 ms

Remote clock offset: -2.266 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:24:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 370.08 Mbit/s

95th percentile per-packet one-way delay: 26.466 ms

Loss rate: 0.01%

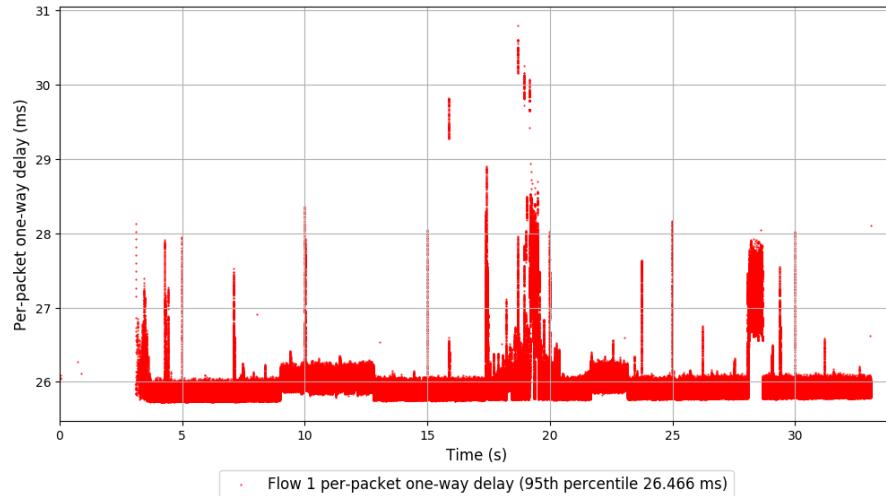
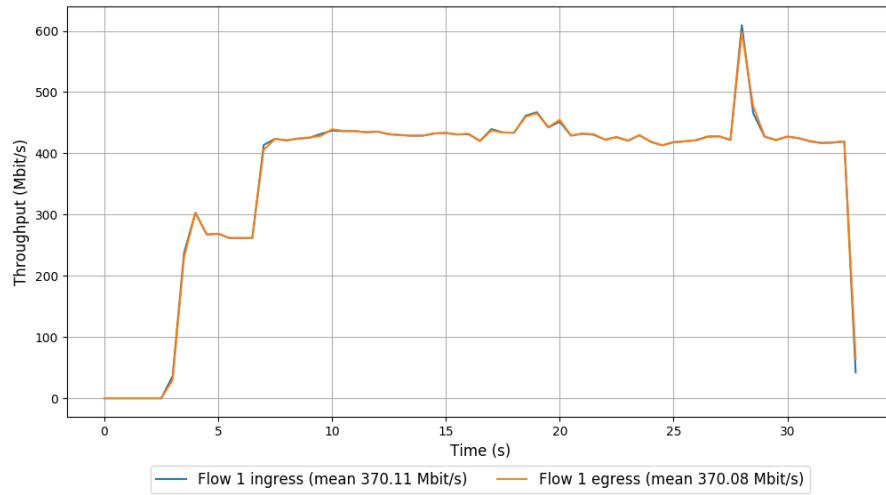
-- Flow 1:

Average throughput: 370.08 Mbit/s

95th percentile per-packet one-way delay: 26.466 ms

Loss rate: 0.01%

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 01:45:22 +0000
```

```
End at: Fri, 16 Jun 2017 01:45:52 +0000
```

```
Local clock offset: 4.134 ms
```

```
Remote clock offset: -2.674 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:24:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 330.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.765 ms
```

```
Loss rate: 0.07%
```

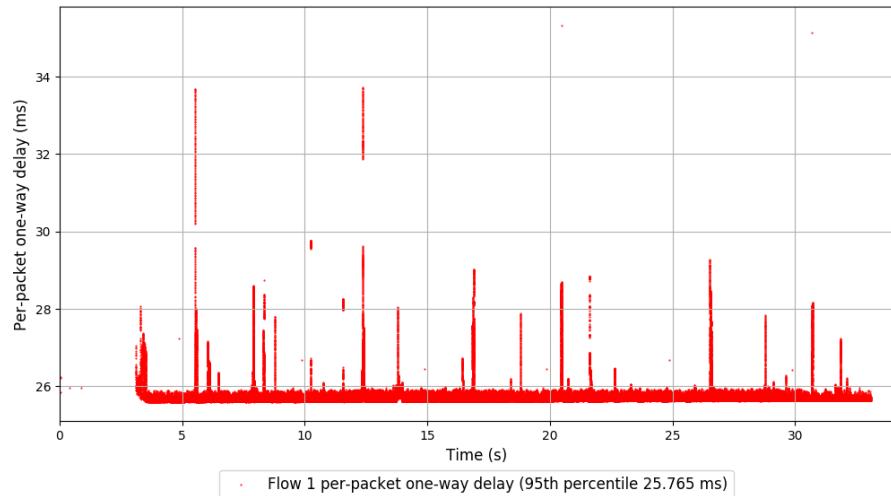
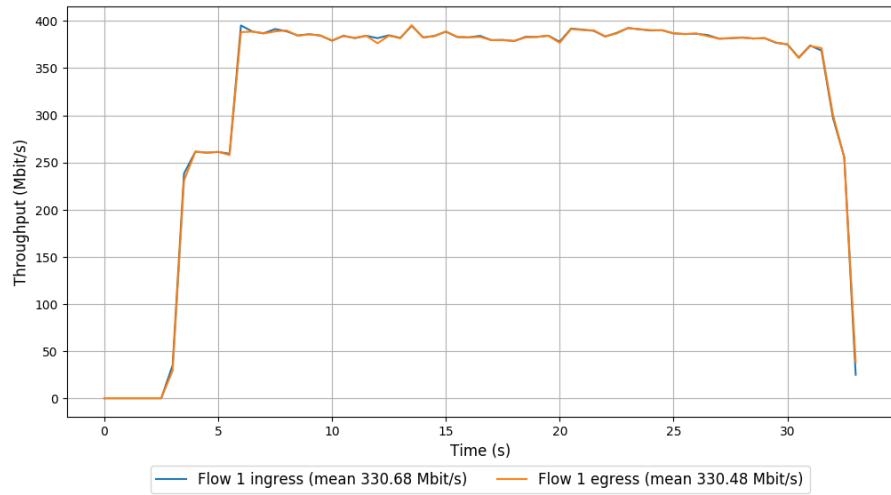
```
-- Flow 1:
```

```
Average throughput: 330.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.765 ms
```

```
Loss rate: 0.07%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 16 Jun 2017 02:04:58 +0000
```

```
End at: Fri, 16 Jun 2017 02:05:28 +0000
```

```
Local clock offset: 2.952 ms
```

```
Remote clock offset: -2.779 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 405.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.978 ms
```

```
Loss rate: 1.08%
```

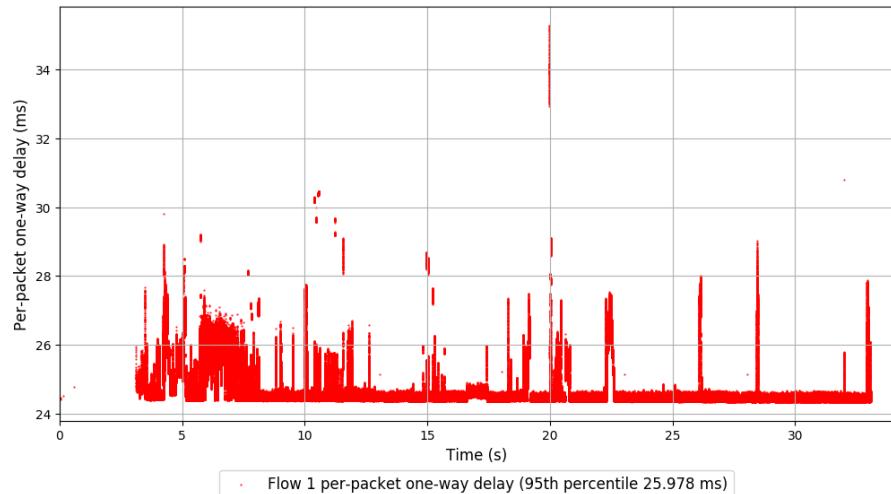
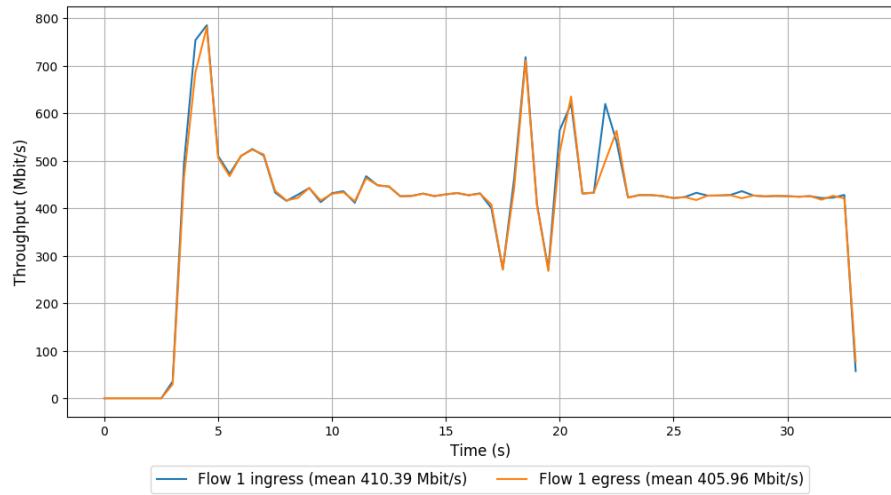
```
-- Flow 1:
```

```
Average throughput: 405.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.978 ms
```

```
Loss rate: 1.08%
```

Run 9: Report of CalibratedKoho — Data Link

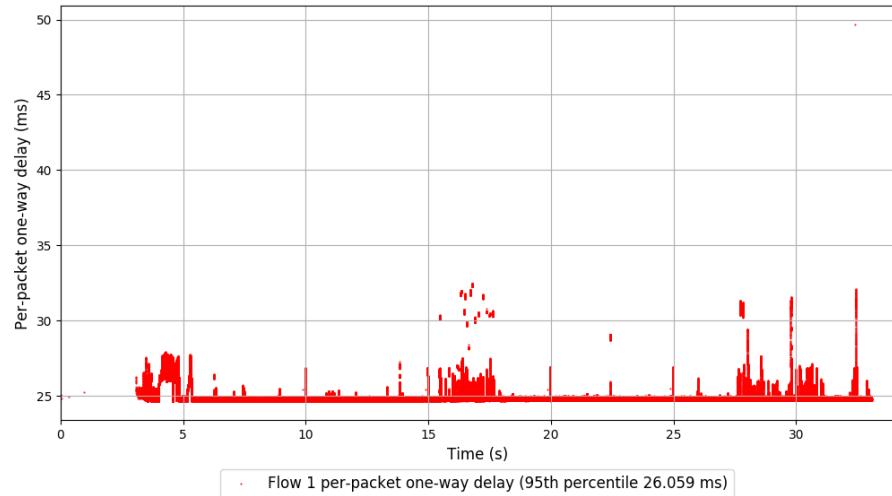
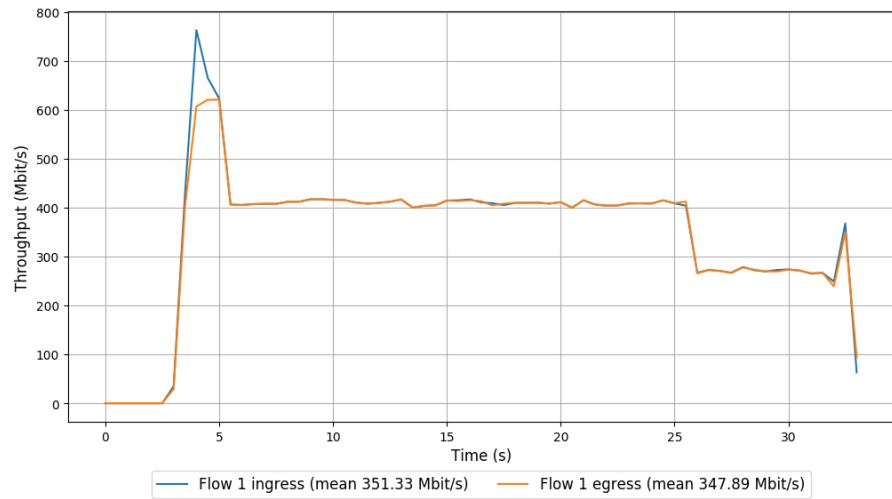


```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 16 Jun 2017 02:24:26 +0000
End at: Fri, 16 Jun 2017 02:24:56 +0000
Local clock offset: 2.604 ms
Remote clock offset: -3.347 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 347.89 Mbit/s
95th percentile per-packet one-way delay: 26.059 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 347.89 Mbit/s
95th percentile per-packet one-way delay: 26.059 ms
Loss rate: 1.00%
```

Run 10: Report of CalibratedKoho — Data Link

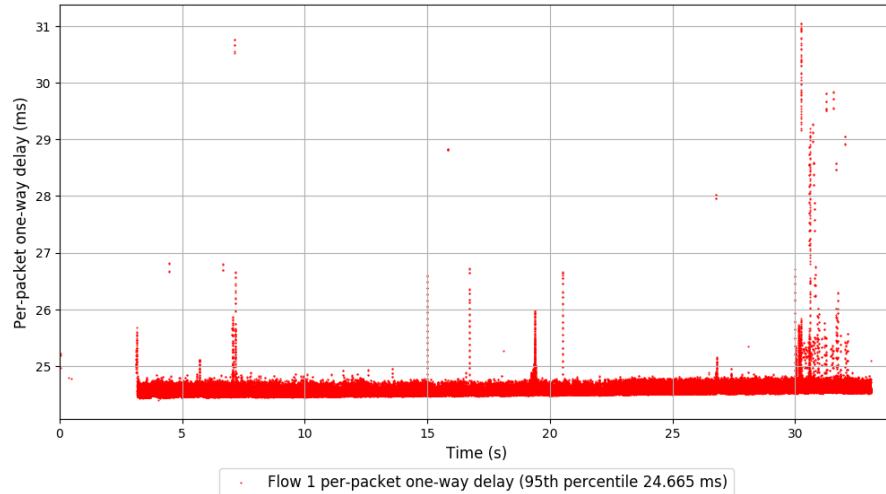
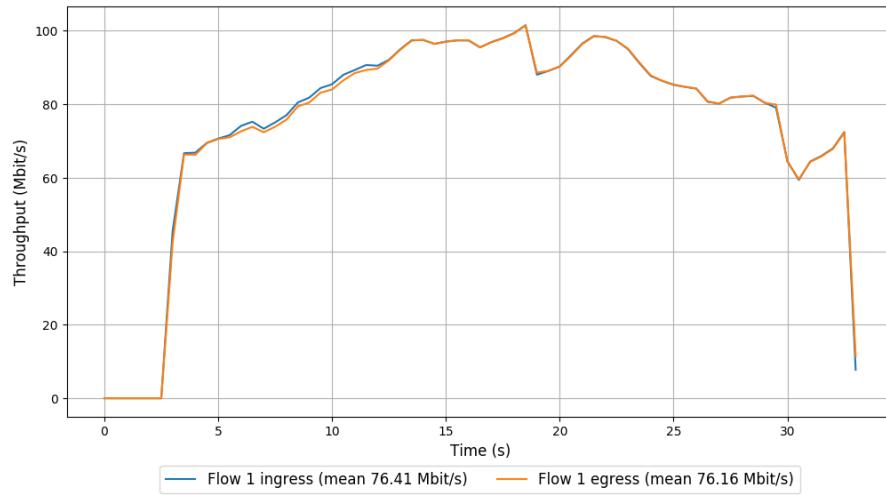


Run 1: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:30:17 +0000
End at: Thu, 15 Jun 2017 23:30:47 +0000
Local clock offset: 2.882 ms
Remote clock offset: -2.79 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.16 Mbit/s
95th percentile per-packet one-way delay: 24.665 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 76.16 Mbit/s
95th percentile per-packet one-way delay: 24.665 ms
Loss rate: 0.32%
```

Run 1: Report of Copa — Data Link

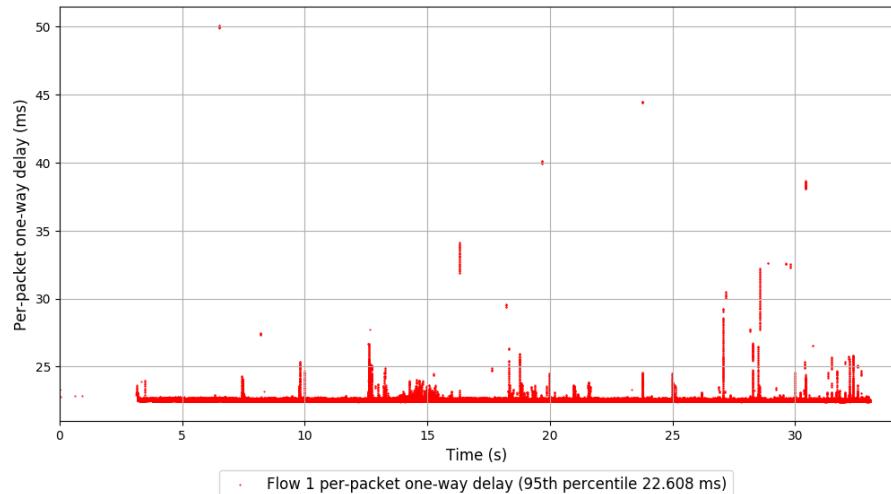
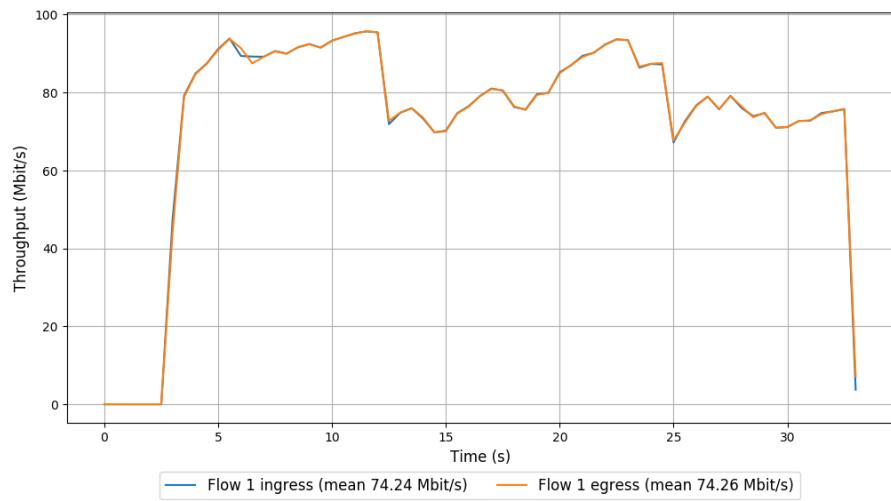


Run 2: Statistics of Copa

```
Start at: Thu, 15 Jun 2017 23:49:50 +0000
End at: Thu, 15 Jun 2017 23:50:20 +0000
Local clock offset: 1.535 ms
Remote clock offset: -2.291 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:25:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 22.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 22.608 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

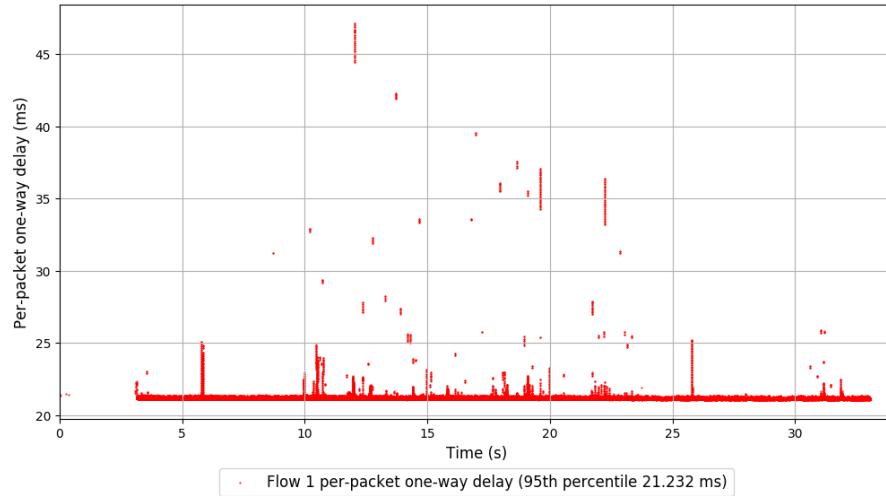
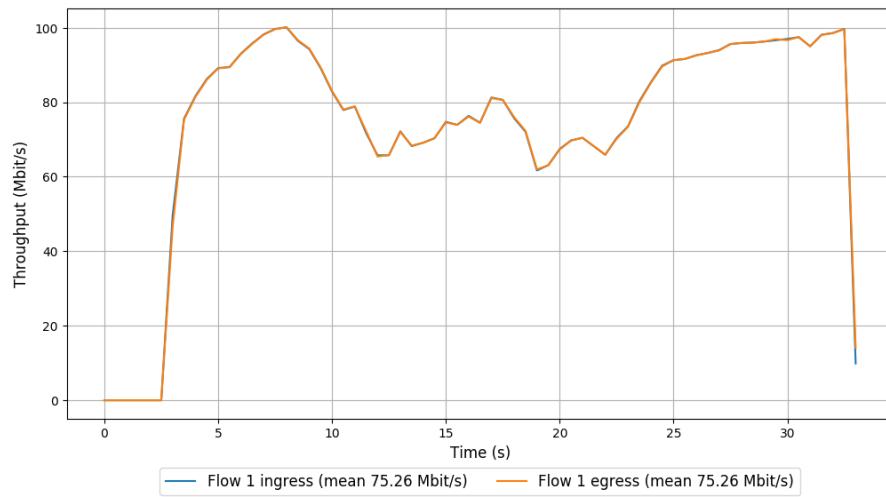


Run 3: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:09:23 +0000
End at: Fri, 16 Jun 2017 00:09:53 +0000
Local clock offset: 0.467 ms
Remote clock offset: -2.051 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.26 Mbit/s
95th percentile per-packet one-way delay: 21.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.26 Mbit/s
95th percentile per-packet one-way delay: 21.232 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

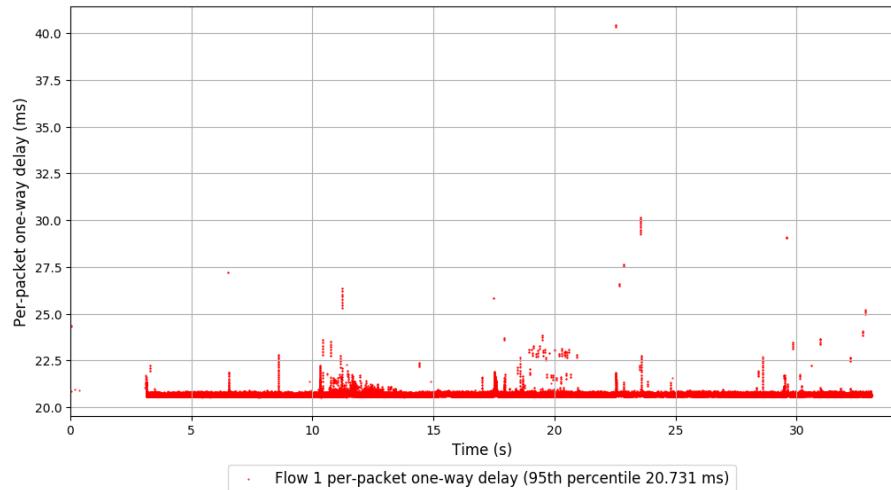
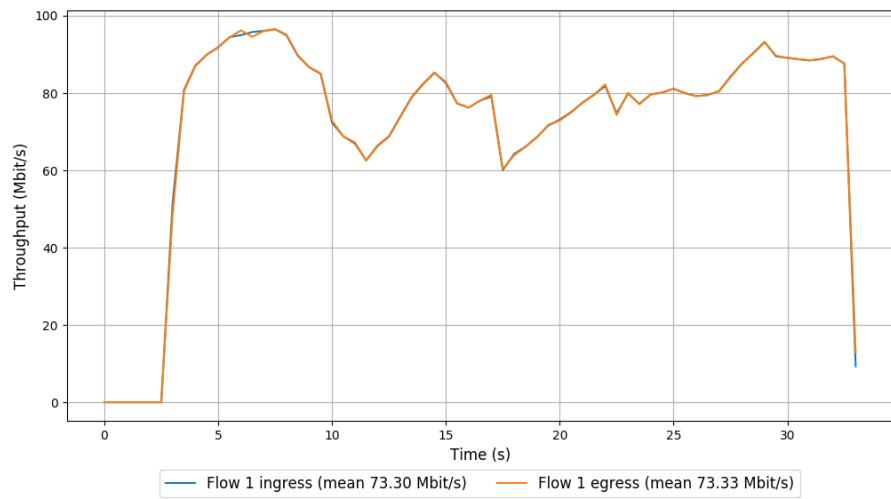


Run 4: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:28:52 +0000
End at: Fri, 16 Jun 2017 00:29:22 +0000
Local clock offset: 0.068 ms
Remote clock offset: -1.832 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 20.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 20.731 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

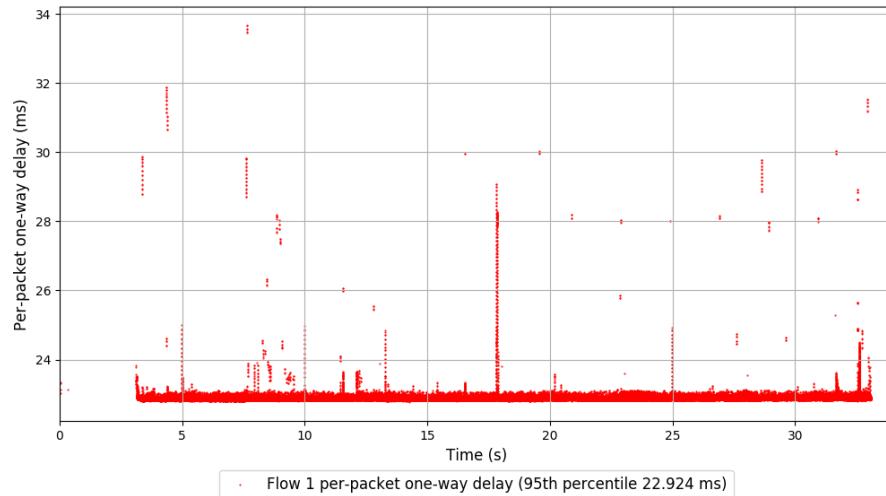
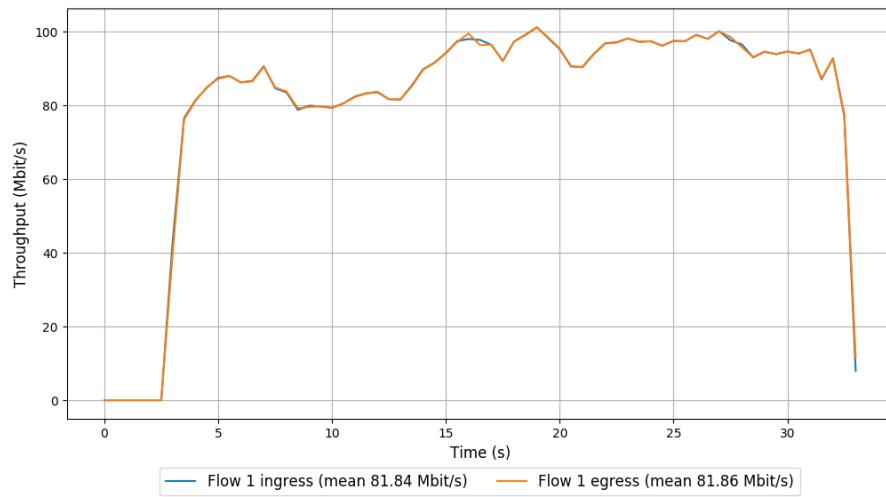


Run 5: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 00:48:30 +0000
End at: Fri, 16 Jun 2017 00:49:00 +0000
Local clock offset: 2.096 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.86 Mbit/s
95th percentile per-packet one-way delay: 22.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.86 Mbit/s
95th percentile per-packet one-way delay: 22.924 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

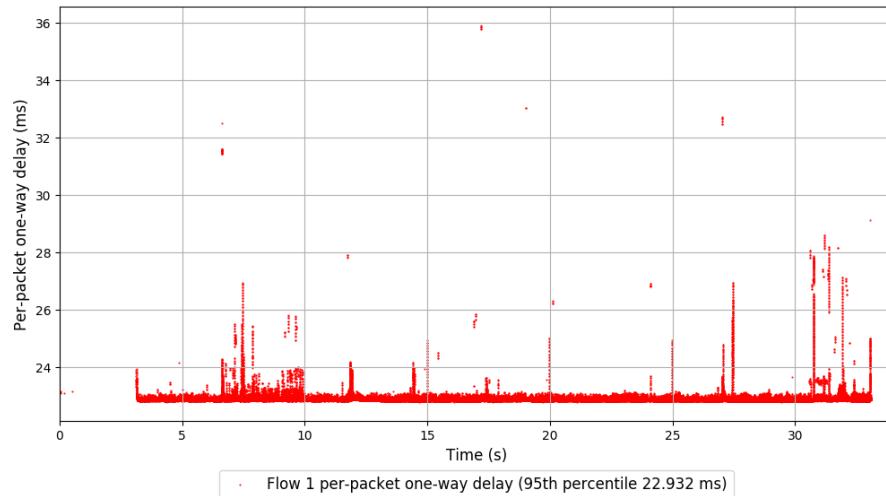
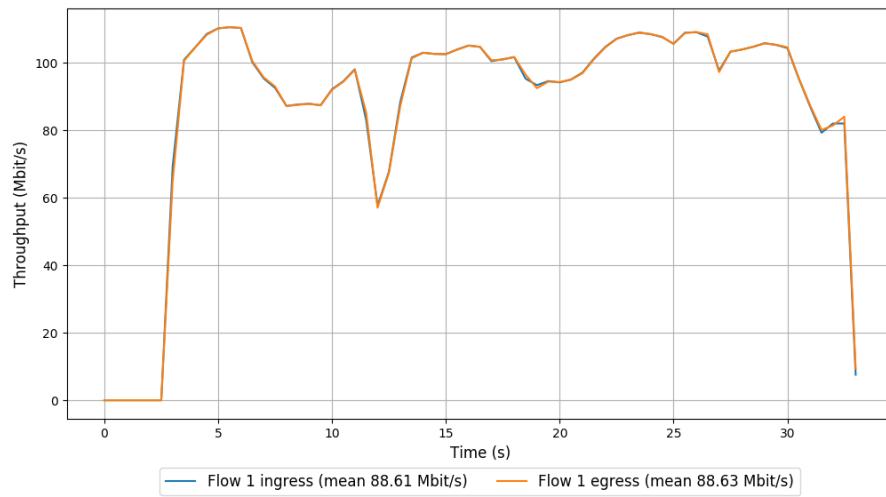


Run 6: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:07:56 +0000
End at: Fri, 16 Jun 2017 01:08:26 +0000
Local clock offset: 1.751 ms
Remote clock offset: -2.413 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 22.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 22.932 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

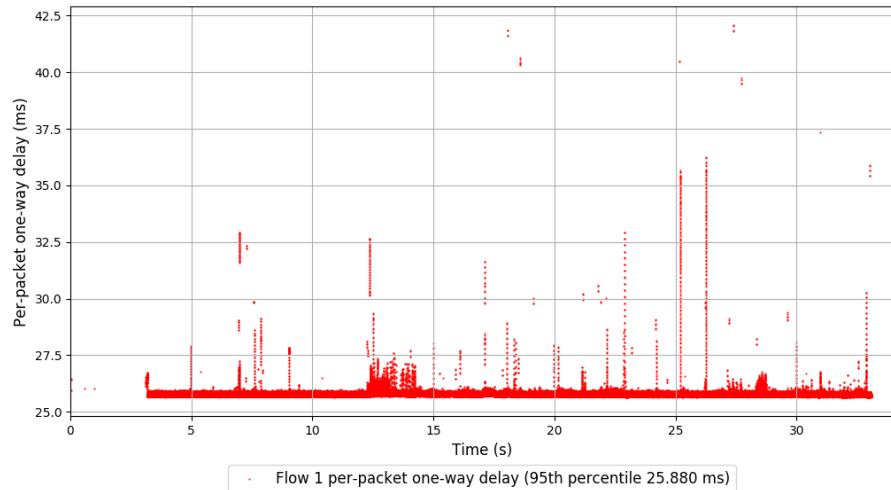
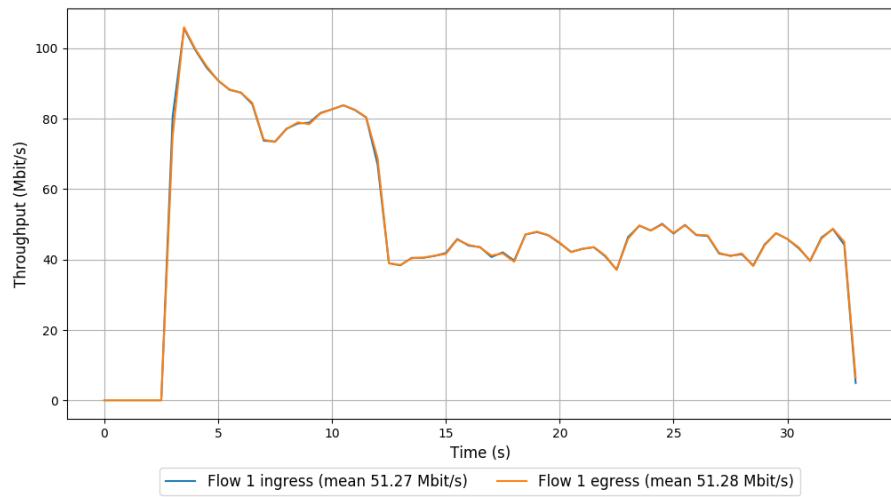


Run 7: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:27:21 +0000
End at: Fri, 16 Jun 2017 01:27:51 +0000
Local clock offset: 4.846 ms
Remote clock offset: -2.266 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:26:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.28 Mbit/s
95th percentile per-packet one-way delay: 25.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.28 Mbit/s
95th percentile per-packet one-way delay: 25.880 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

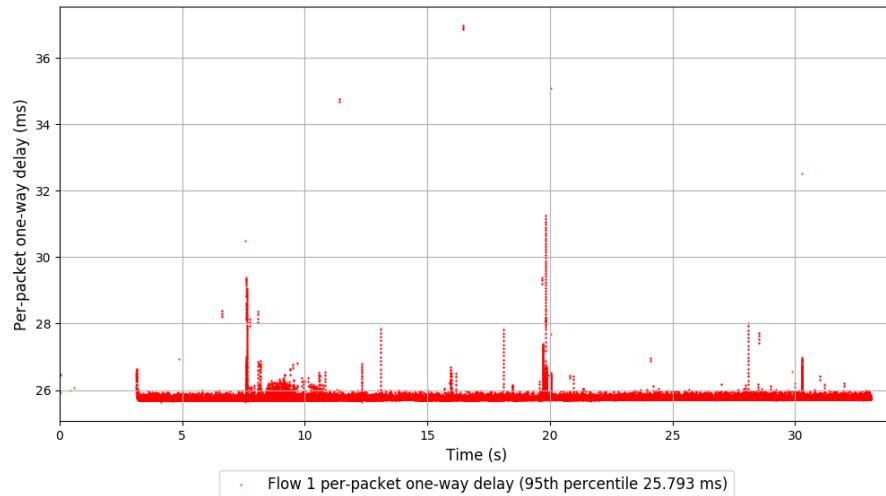
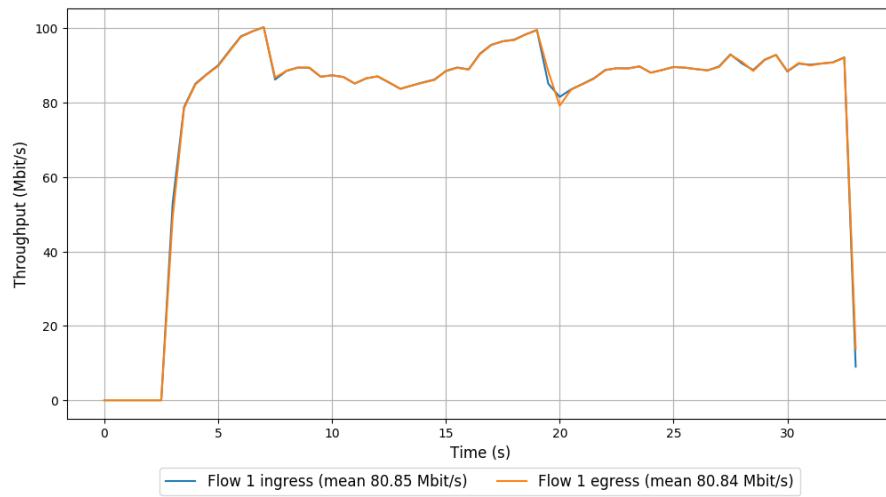


Run 8: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 01:46:55 +0000
End at: Fri, 16 Jun 2017 01:47:25 +0000
Local clock offset: 4.279 ms
Remote clock offset: -2.759 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 25.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 25.793 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

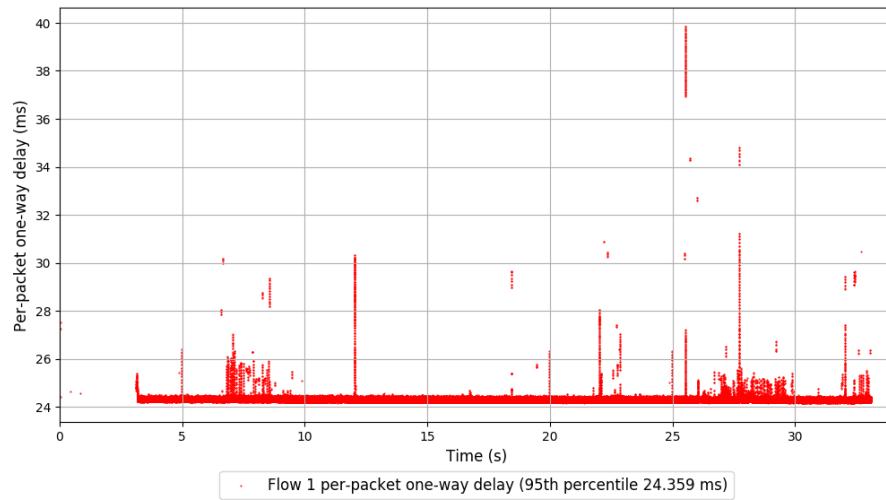
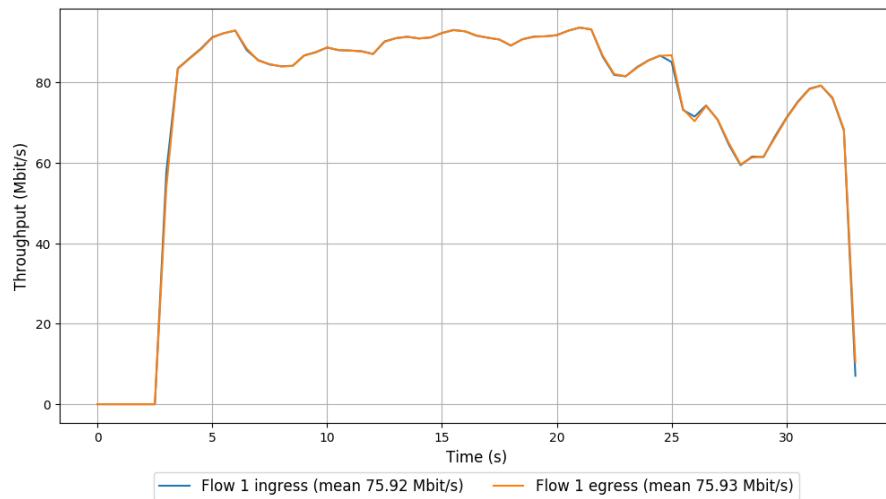


Run 9: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:06:36 +0000
End at: Fri, 16 Jun 2017 02:07:06 +0000
Local clock offset: 2.697 ms
Remote clock offset: -2.865 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 24.359 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 24.359 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

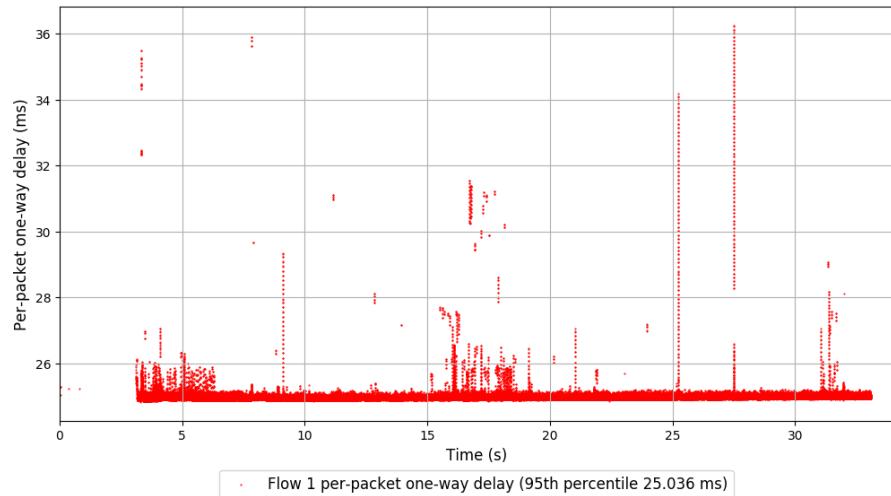
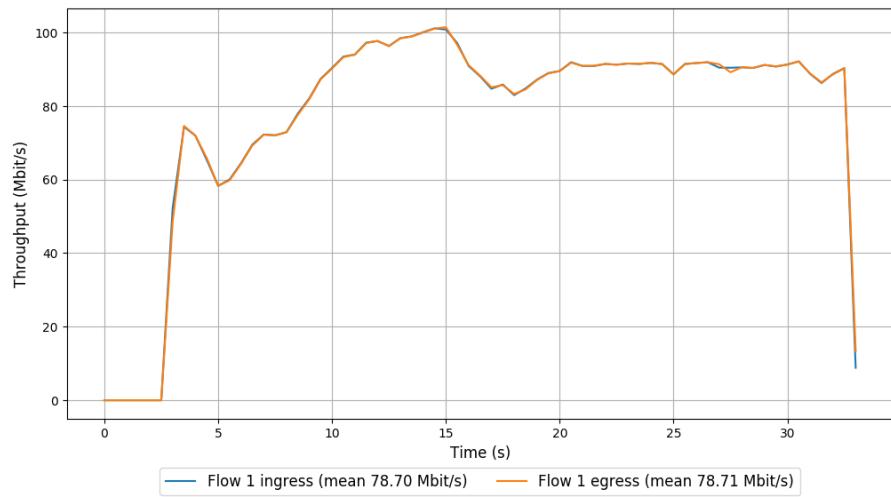


Run 10: Statistics of Copa

```
Start at: Fri, 16 Jun 2017 02:25:59 +0000
End at: Fri, 16 Jun 2017 02:26:29 +0000
Local clock offset: 2.72 ms
Remote clock offset: -3.388 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.71 Mbit/s
95th percentile per-packet one-way delay: 25.036 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 78.71 Mbit/s
95th percentile per-packet one-way delay: 25.036 ms
Loss rate: 0.01%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:23:51 +0000
```

```
End at: Thu, 15 Jun 2017 23:24:21 +0000
```

```
Local clock offset: 2.72 ms
```

```
Remote clock offset: -2.761 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:26 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 49.33 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.690 ms
```

```
Loss rate: 0.11%
```

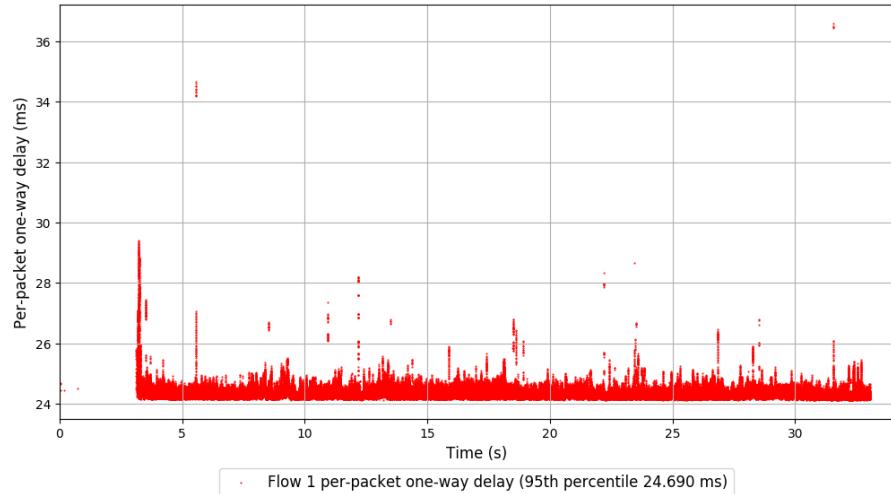
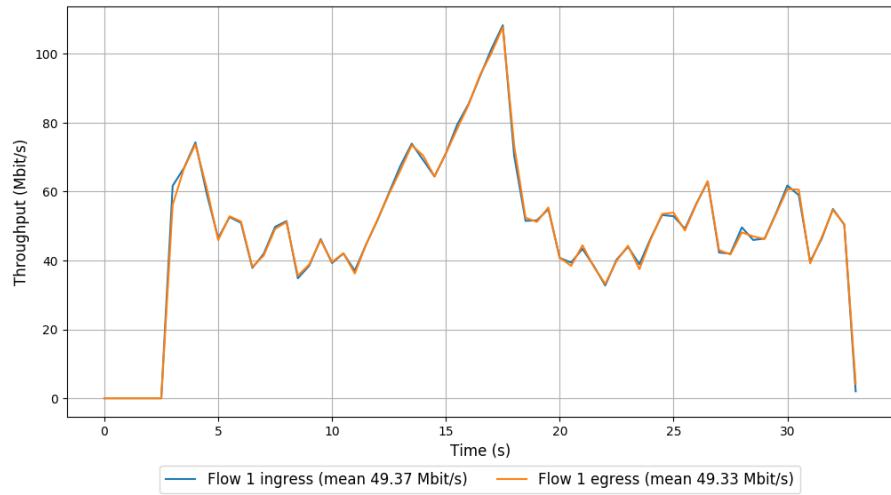
```
-- Flow 1:
```

```
Average throughput: 49.33 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.690 ms
```

```
Loss rate: 0.11%
```

Run 1: Report of TCP Cubic — Data Link

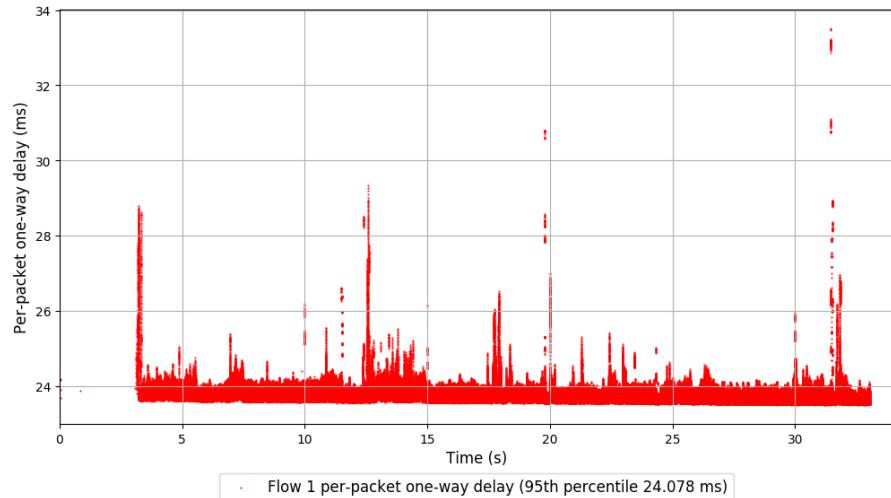
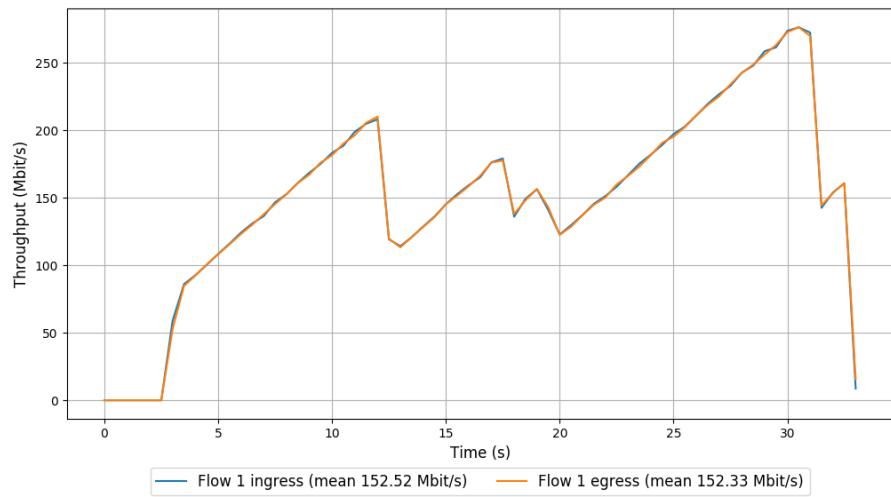


Run 2: Statistics of TCP Cubic

```
Start at: Thu, 15 Jun 2017 23:43:22 +0000
End at: Thu, 15 Jun 2017 23:43:52 +0000
Local clock offset: 2.408 ms
Remote clock offset: -2.545 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.33 Mbit/s
95th percentile per-packet one-way delay: 24.078 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 152.33 Mbit/s
95th percentile per-packet one-way delay: 24.078 ms
Loss rate: 0.13%
```

Run 2: Report of TCP Cubic — Data Link

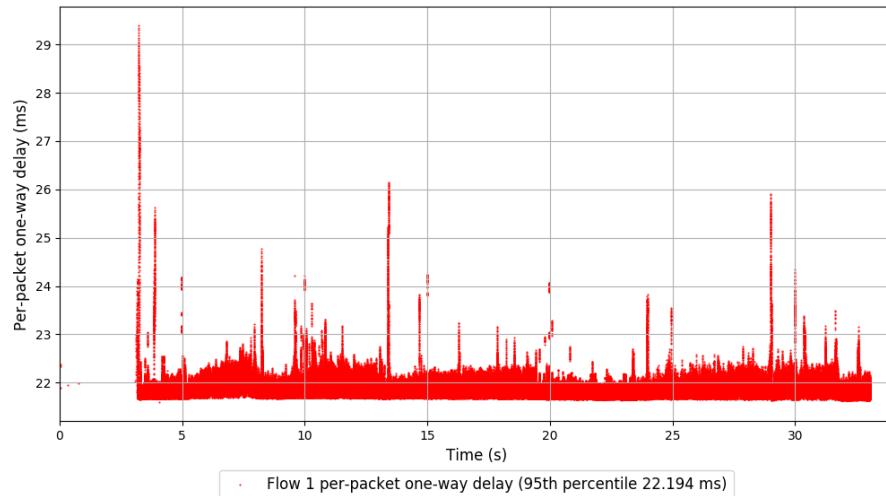
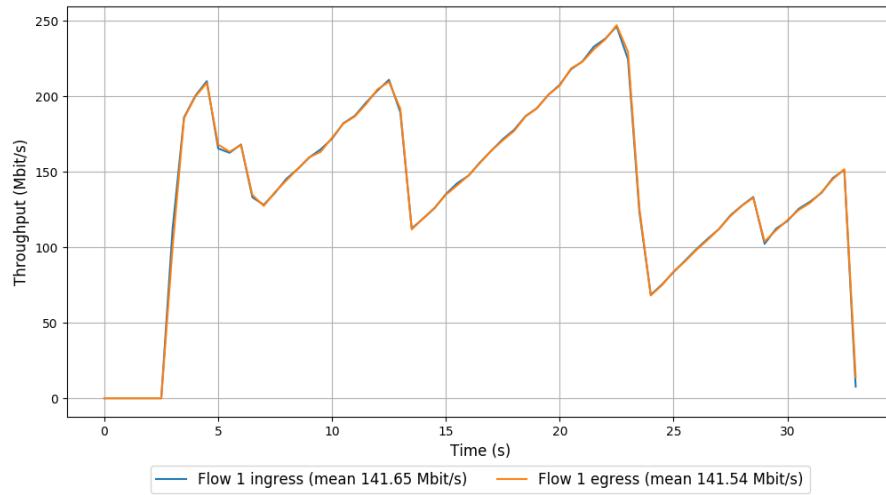


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:02:53 +0000
End at: Fri, 16 Jun 2017 00:03:23 +0000
Local clock offset: 0.761 ms
Remote clock offset: -2.123 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 141.54 Mbit/s
95th percentile per-packet one-way delay: 22.194 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 141.54 Mbit/s
95th percentile per-packet one-way delay: 22.194 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Cubic — Data Link

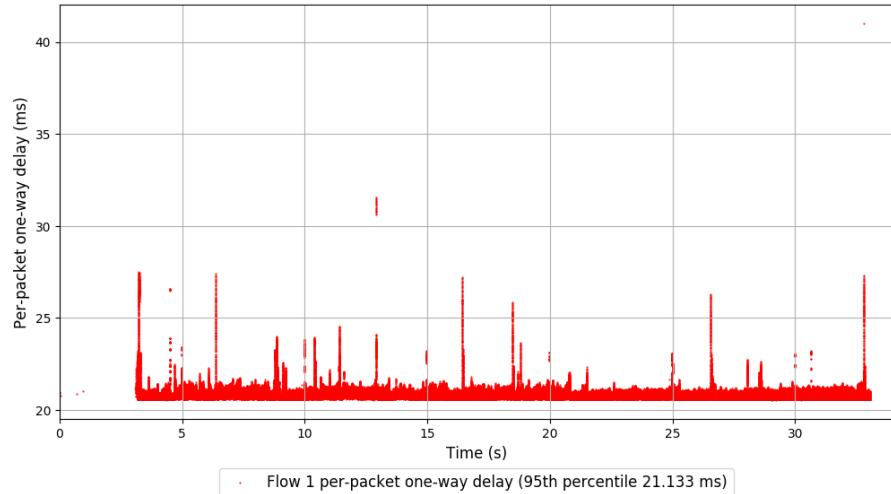
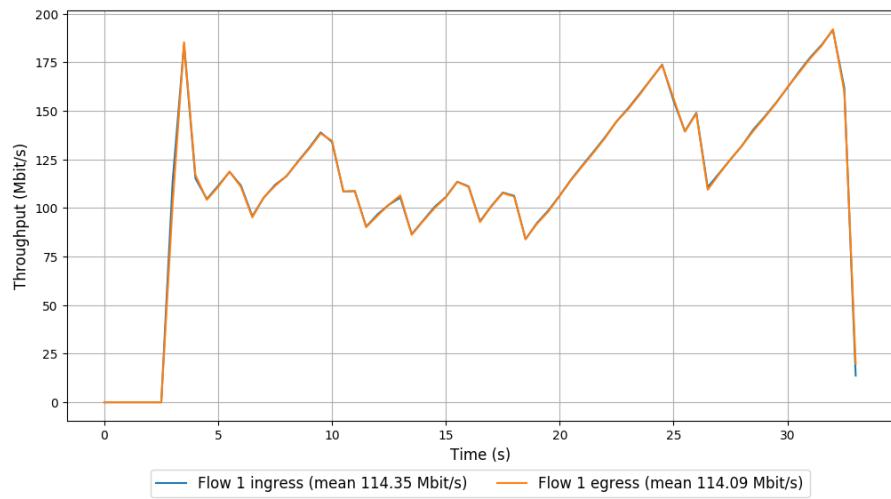


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:22:24 +0000
End at: Fri, 16 Jun 2017 00:22:54 +0000
Local clock offset: 0.018 ms
Remote clock offset: -1.829 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:27:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.09 Mbit/s
95th percentile per-packet one-way delay: 21.133 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 114.09 Mbit/s
95th percentile per-packet one-way delay: 21.133 ms
Loss rate: 0.23%
```

Run 4: Report of TCP Cubic — Data Link

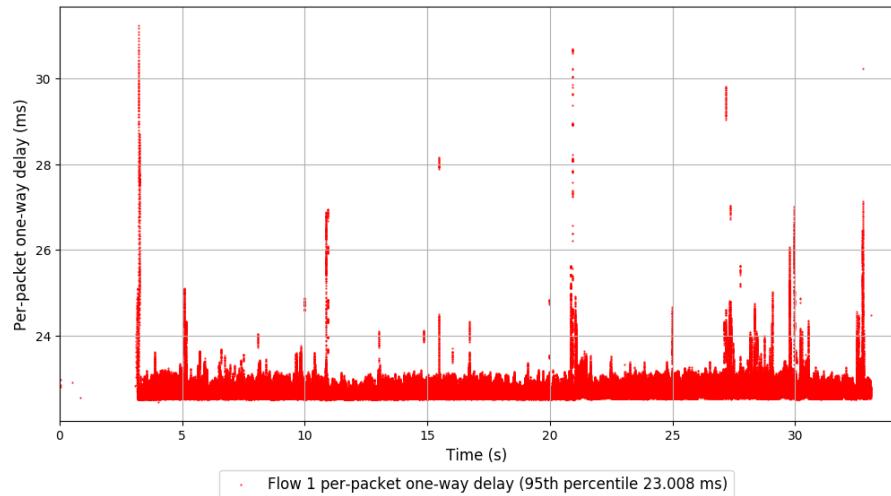
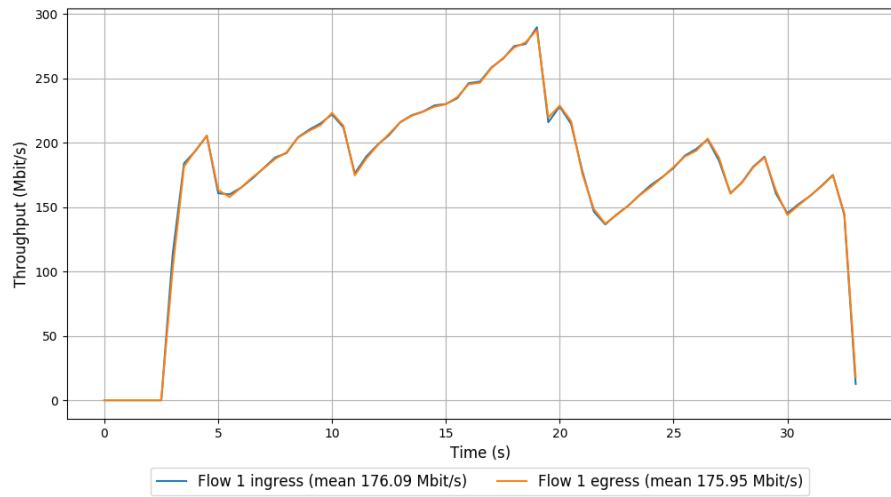


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 00:41:57 +0000
End at: Fri, 16 Jun 2017 00:42:27 +0000
Local clock offset: 2.088 ms
Remote clock offset: -1.849 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 175.95 Mbit/s
95th percentile per-packet one-way delay: 23.008 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 175.95 Mbit/s
95th percentile per-packet one-way delay: 23.008 ms
Loss rate: 0.08%
```

Run 5: Report of TCP Cubic — Data Link

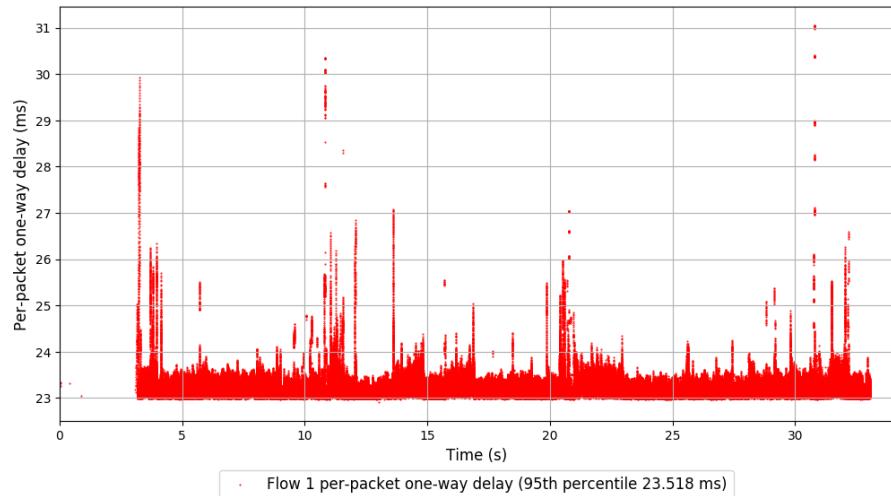
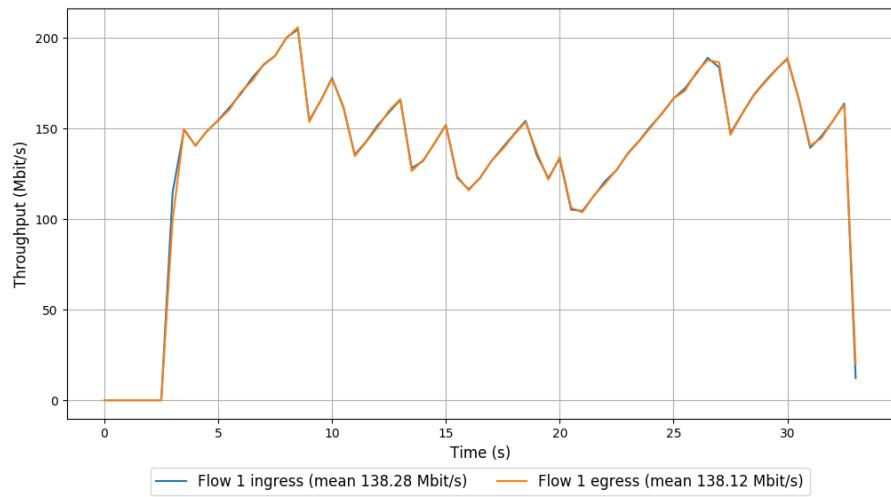


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 01:01:28 +0000
End at: Fri, 16 Jun 2017 01:01:58 +0000
Local clock offset: 1.842 ms
Remote clock offset: -2.398 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 138.12 Mbit/s
95th percentile per-packet one-way delay: 23.518 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 138.12 Mbit/s
95th percentile per-packet one-way delay: 23.518 ms
Loss rate: 0.14%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 16 Jun 2017 01:20:54 +0000

End at: Fri, 16 Jun 2017 01:21:24 +0000

Local clock offset: 4.027 ms

Remote clock offset: -2.256 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:28:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.01 Mbit/s

95th percentile per-packet one-way delay: 25.984 ms

Loss rate: 0.14%

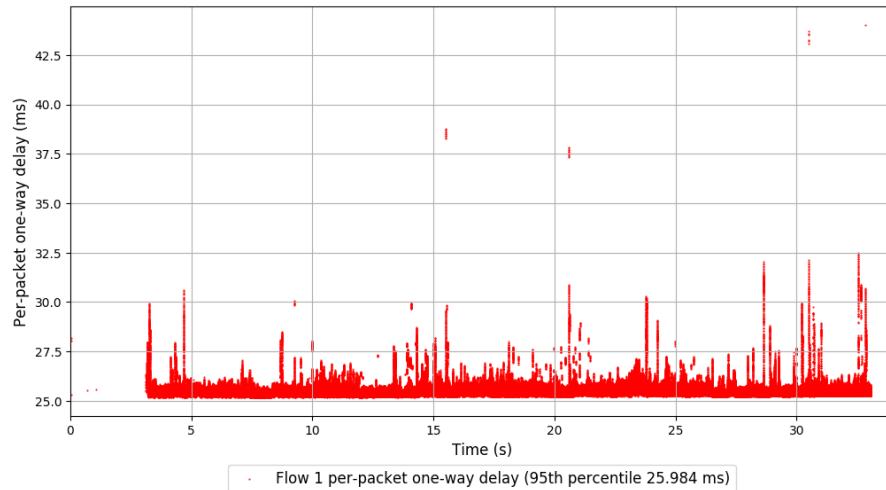
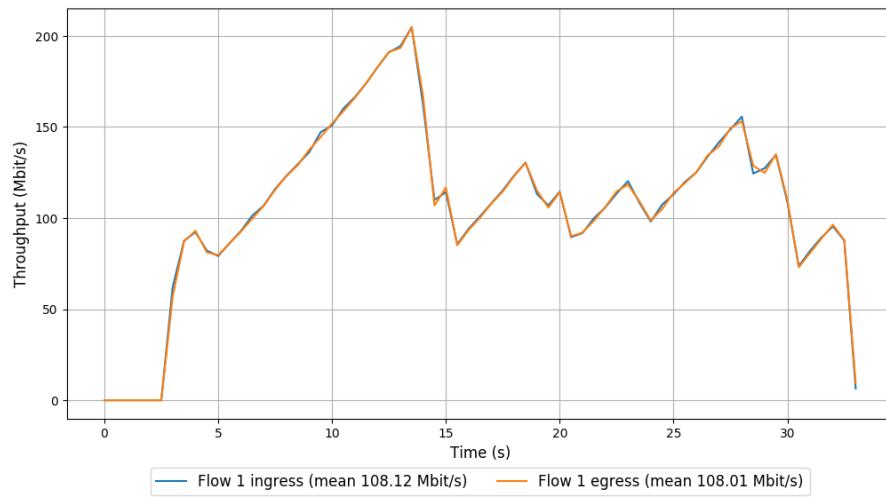
-- Flow 1:

Average throughput: 108.01 Mbit/s

95th percentile per-packet one-way delay: 25.984 ms

Loss rate: 0.14%

Run 7: Report of TCP Cubic — Data Link

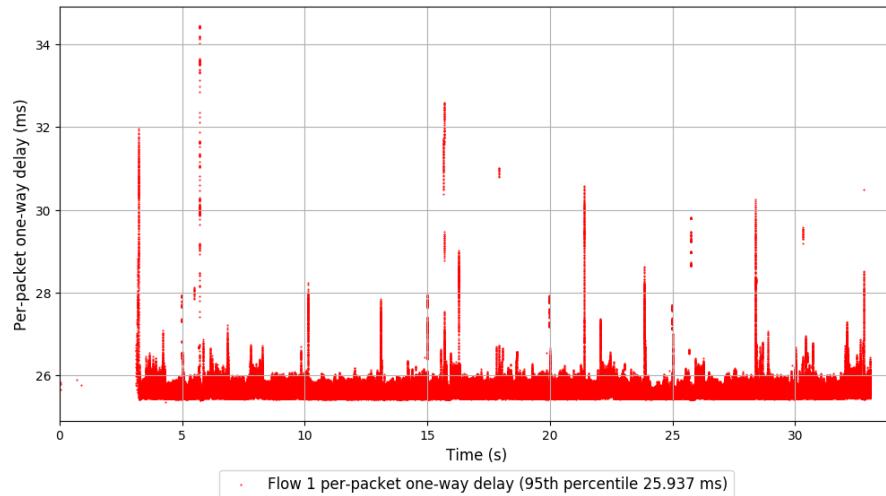
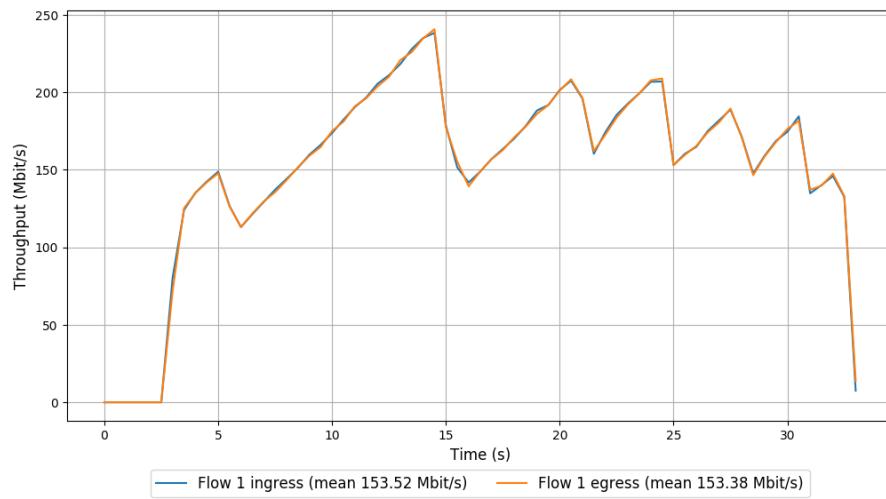


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 01:40:28 +0000
End at: Fri, 16 Jun 2017 01:40:58 +0000
Local clock offset: 4.12 ms
Remote clock offset: -2.462 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.38 Mbit/s
95th percentile per-packet one-way delay: 25.937 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 153.38 Mbit/s
95th percentile per-packet one-way delay: 25.937 ms
Loss rate: 0.09%
```

Run 8: Report of TCP Cubic — Data Link

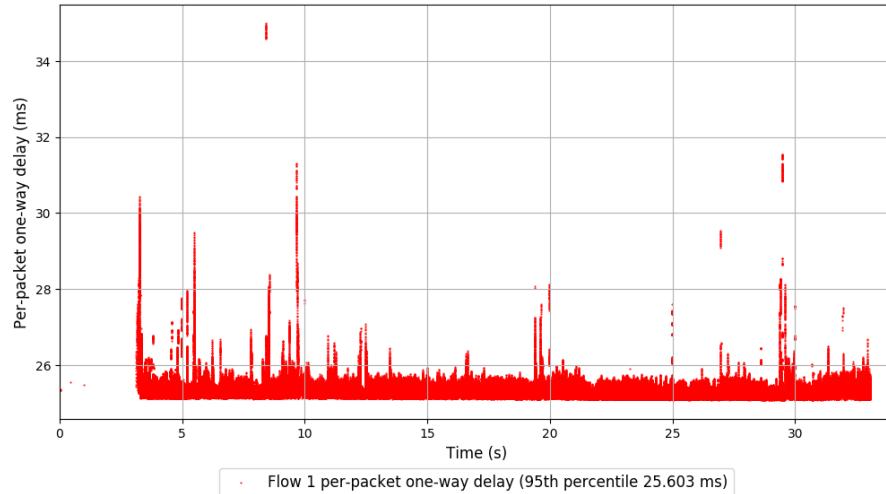
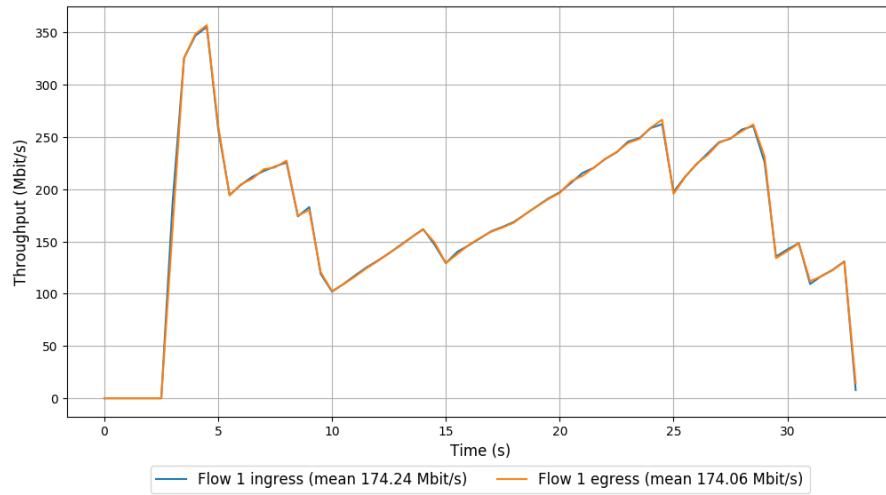


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:00:04 +0000
End at: Fri, 16 Jun 2017 02:00:34 +0000
Local clock offset: 3.558 ms
Remote clock offset: -2.777 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 174.06 Mbit/s
95th percentile per-packet one-way delay: 25.603 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 174.06 Mbit/s
95th percentile per-packet one-way delay: 25.603 ms
Loss rate: 0.12%
```

Run 9: Report of TCP Cubic — Data Link

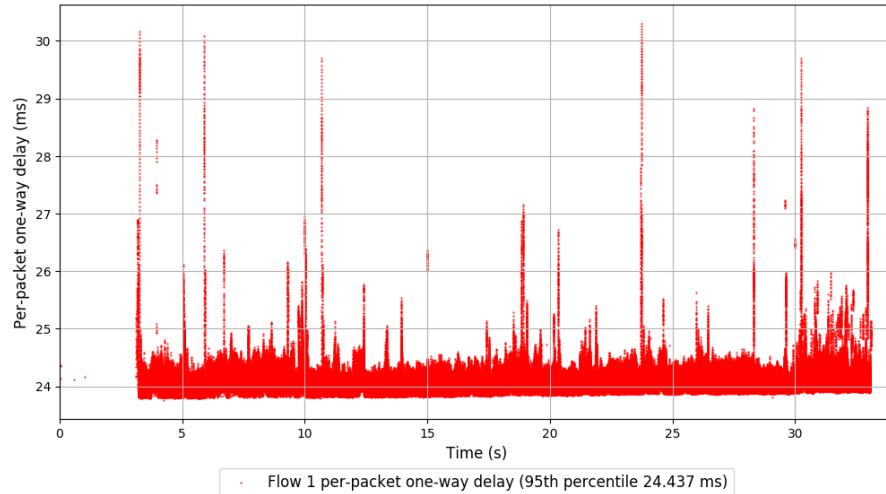
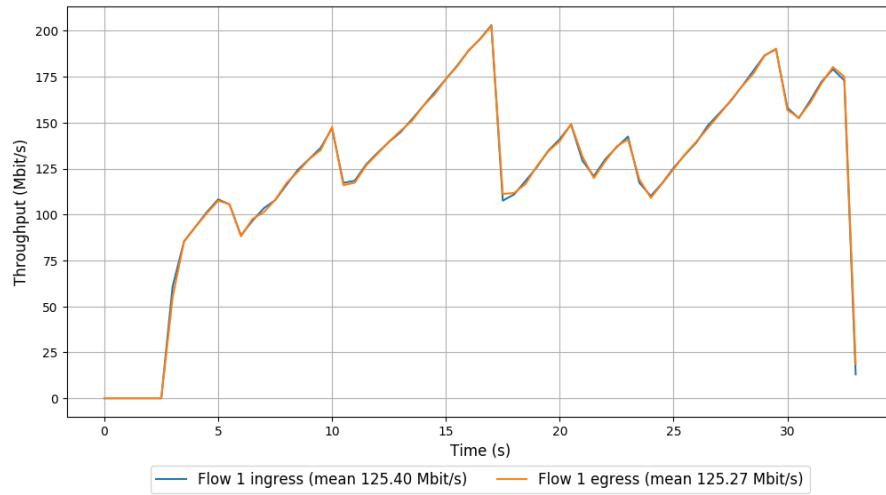


Run 10: Statistics of TCP Cubic

```
Start at: Fri, 16 Jun 2017 02:19:33 +0000
End at: Fri, 16 Jun 2017 02:20:03 +0000
Local clock offset: 1.727 ms
Remote clock offset: -3.21 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:28:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 125.27 Mbit/s
95th percentile per-packet one-way delay: 24.437 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 125.27 Mbit/s
95th percentile per-packet one-way delay: 24.437 ms
Loss rate: 0.13%
```

Run 10: Report of TCP Cubic — Data Link

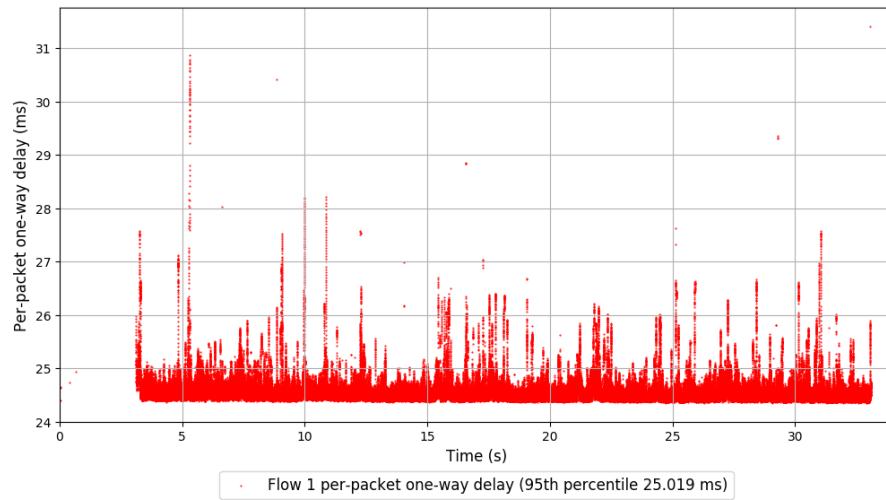
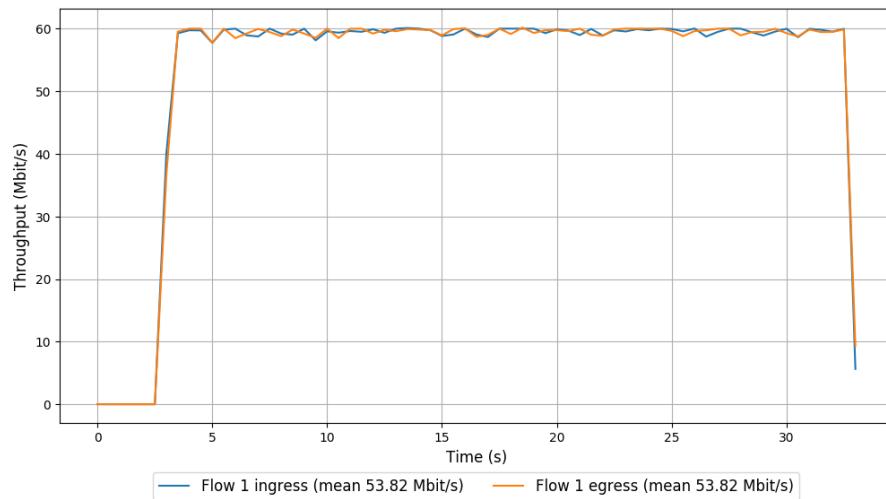


Run 1: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:19:57 +0000
End at: Thu, 15 Jun 2017 23:20:27 +0000
Local clock offset: 2.951 ms
Remote clock offset: -2.735 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 25.019 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 25.019 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

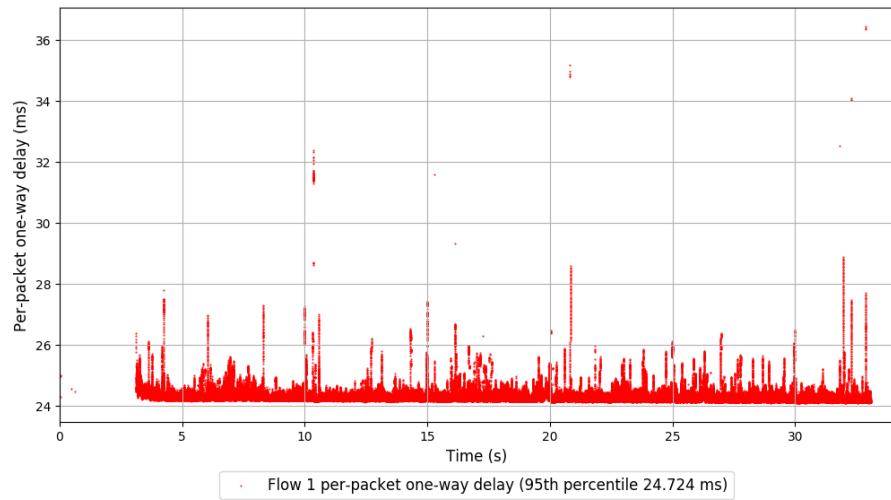
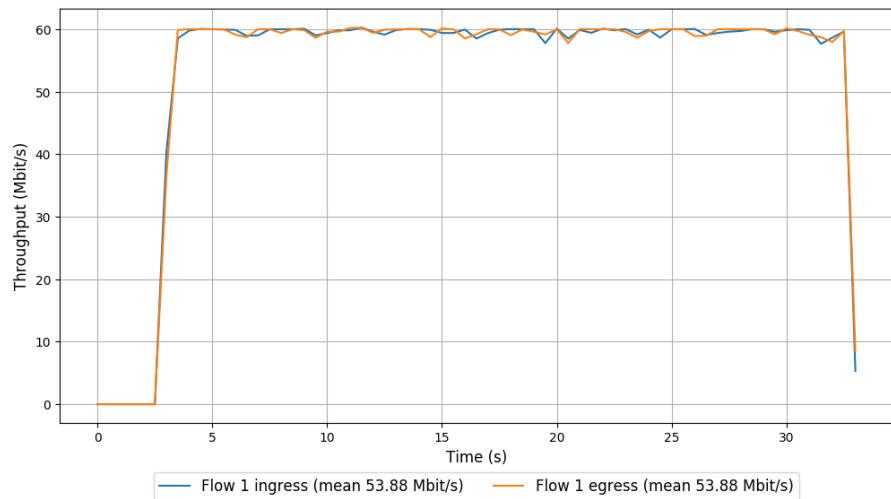


Run 2: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:39:28 +0000
End at: Thu, 15 Jun 2017 23:39:58 +0000
Local clock offset: 2.861 ms
Remote clock offset: -2.614 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 24.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 24.724 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

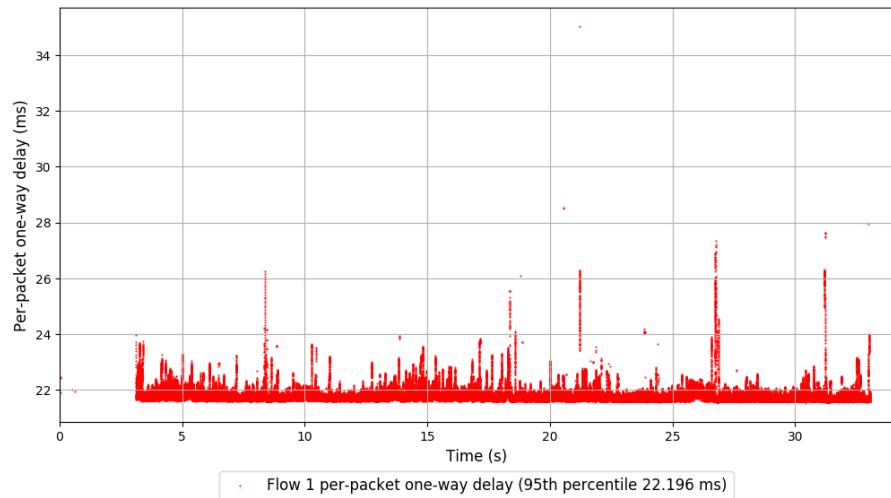
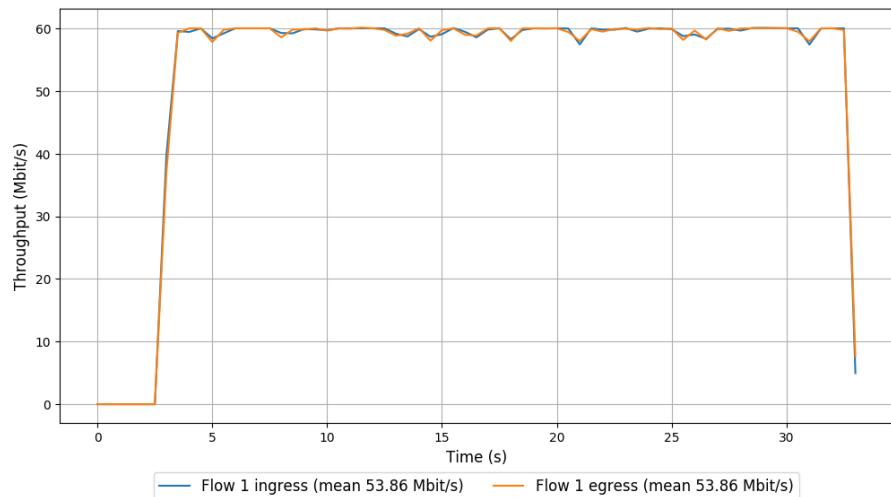


Run 3: Statistics of KohoCC

```
Start at: Thu, 15 Jun 2017 23:59:00 +0000
End at: Thu, 15 Jun 2017 23:59:30 +0000
Local clock offset: 0.837 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 22.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 22.196 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

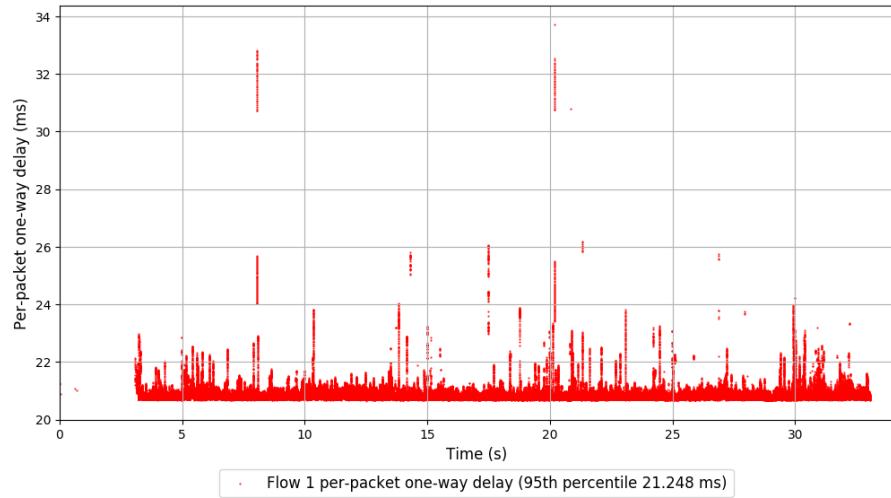
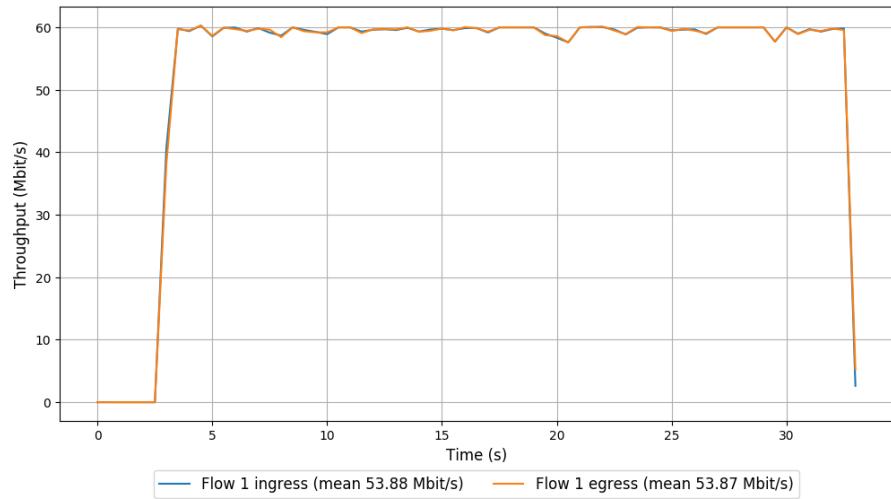


Run 4: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:18:32 +0000
End at: Fri, 16 Jun 2017 00:19:02 +0000
Local clock offset: 0.144 ms
Remote clock offset: -1.949 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 21.248 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 21.248 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

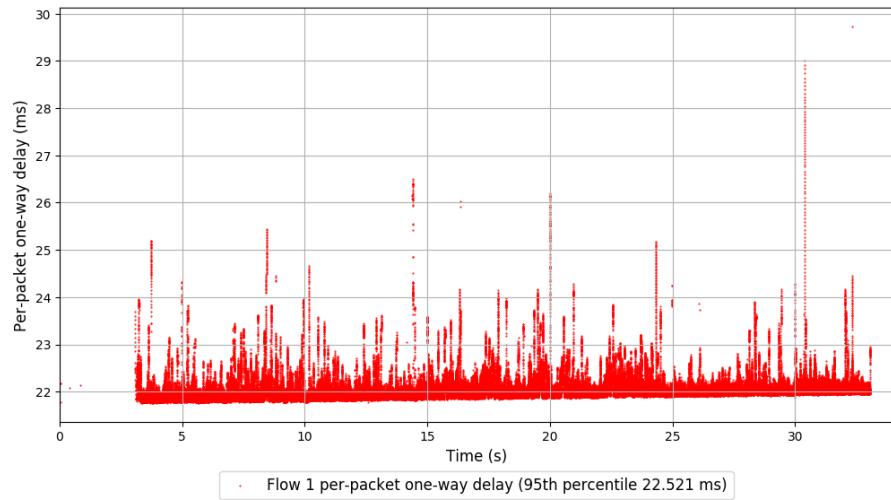
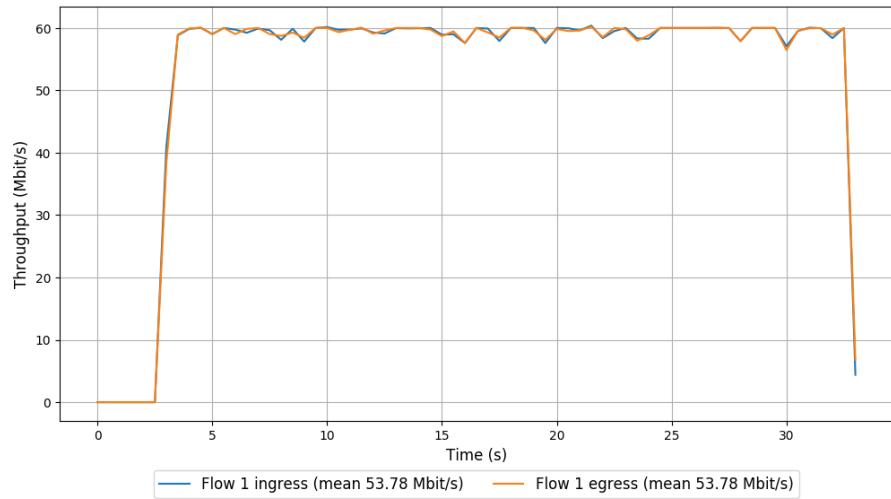


Run 5: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:38:03 +0000
End at: Fri, 16 Jun 2017 00:38:33 +0000
Local clock offset: 0.987 ms
Remote clock offset: -1.856 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 22.521 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 22.521 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

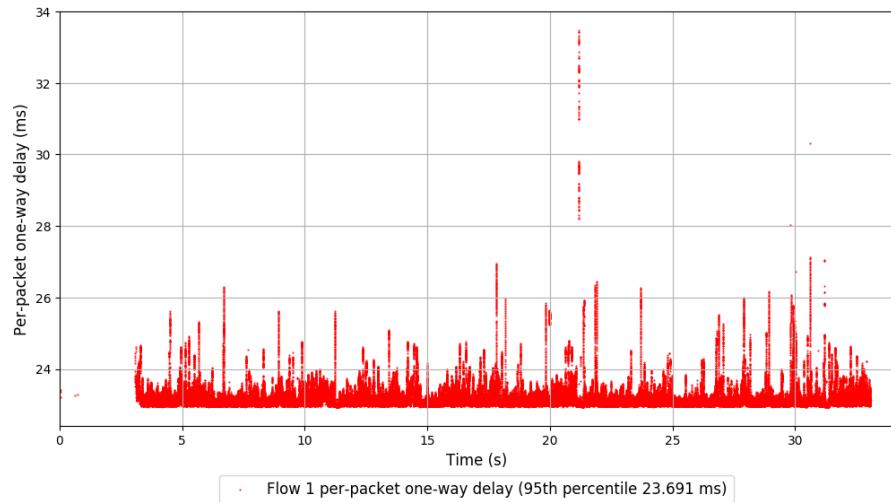
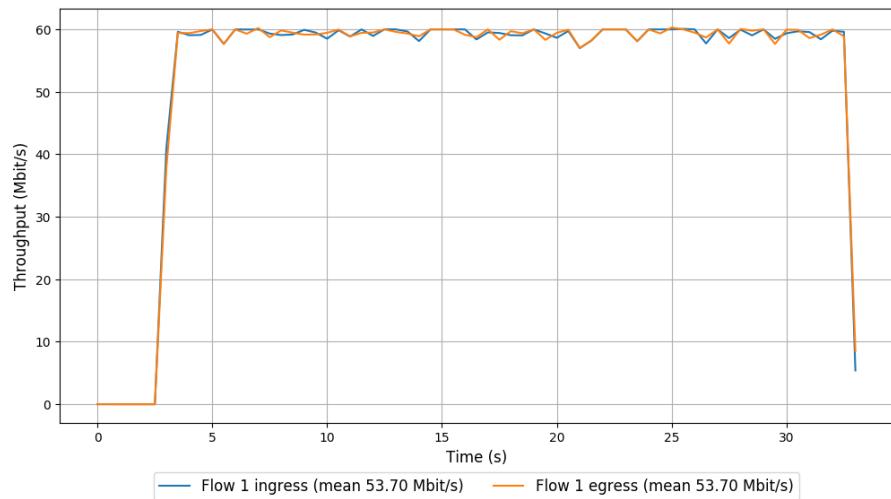


Run 6: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 00:57:32 +0000
End at: Fri, 16 Jun 2017 00:58:02 +0000
Local clock offset: 2.039 ms
Remote clock offset: -2.306 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 23.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 23.691 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 16 Jun 2017 01:17:01 +0000

End at: Fri, 16 Jun 2017 01:17:31 +0000

Local clock offset: 3.403 ms

Remote clock offset: -2.324 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:29:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.72 Mbit/s

95th percentile per-packet one-way delay: 25.349 ms

Loss rate: 0.17%

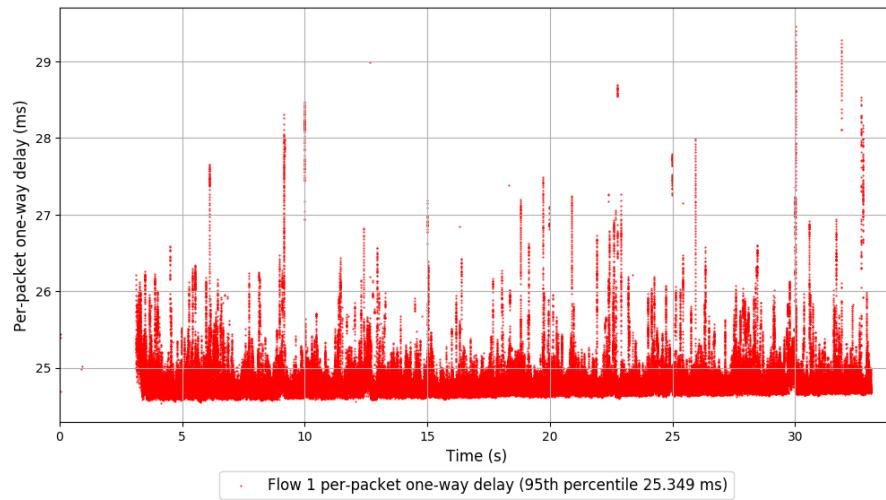
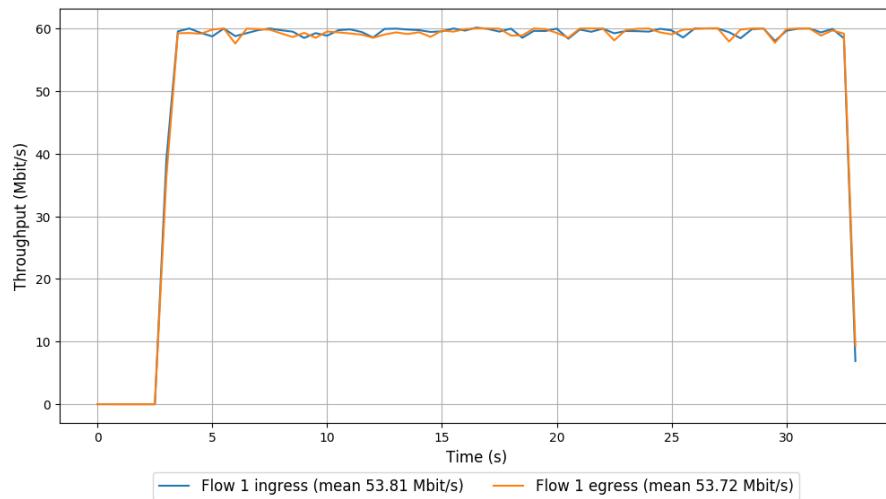
-- Flow 1:

Average throughput: 53.72 Mbit/s

95th percentile per-packet one-way delay: 25.349 ms

Loss rate: 0.17%

Run 7: Report of KohoCC — Data Link

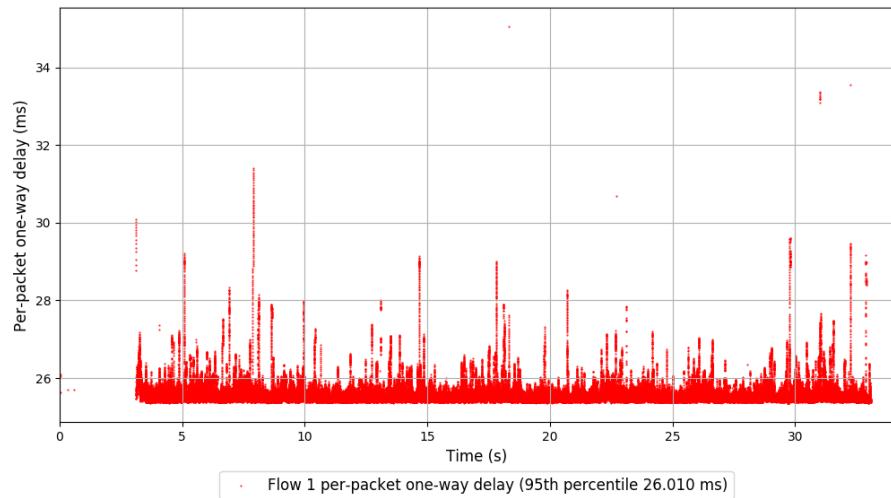
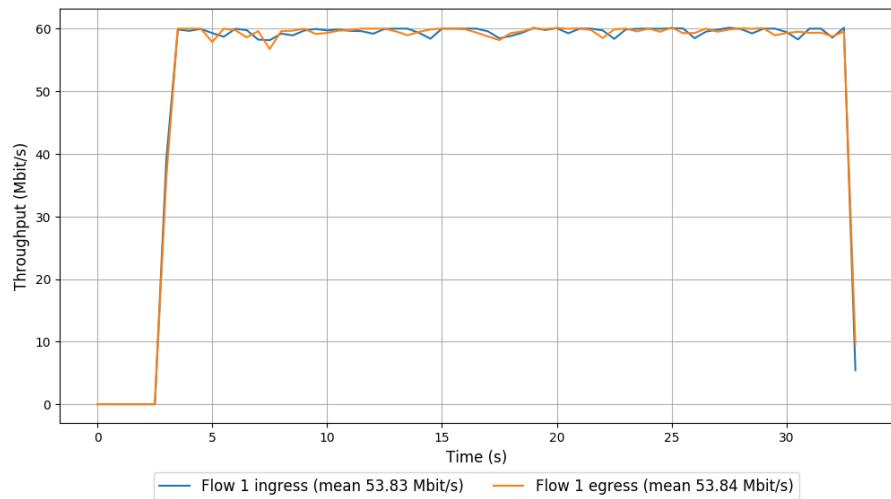


Run 8: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 01:36:33 +0000
End at: Fri, 16 Jun 2017 01:37:03 +0000
Local clock offset: 4.275 ms
Remote clock offset: -2.46 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 26.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 26.010 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

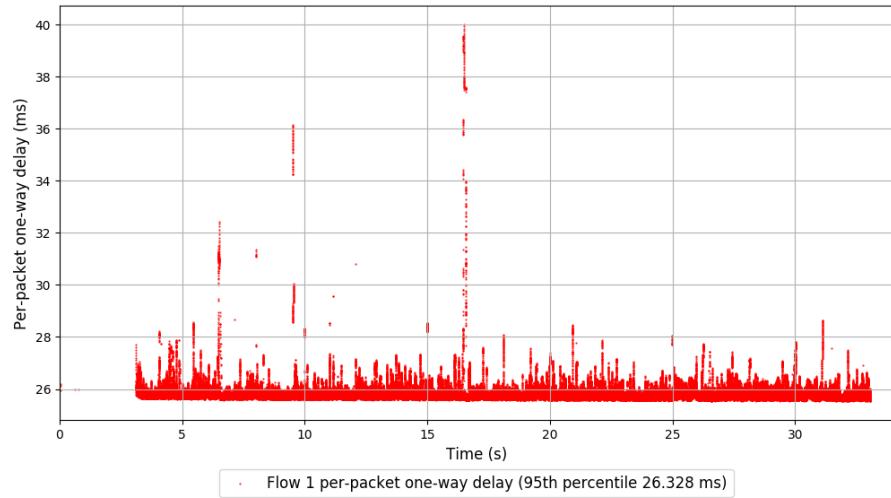
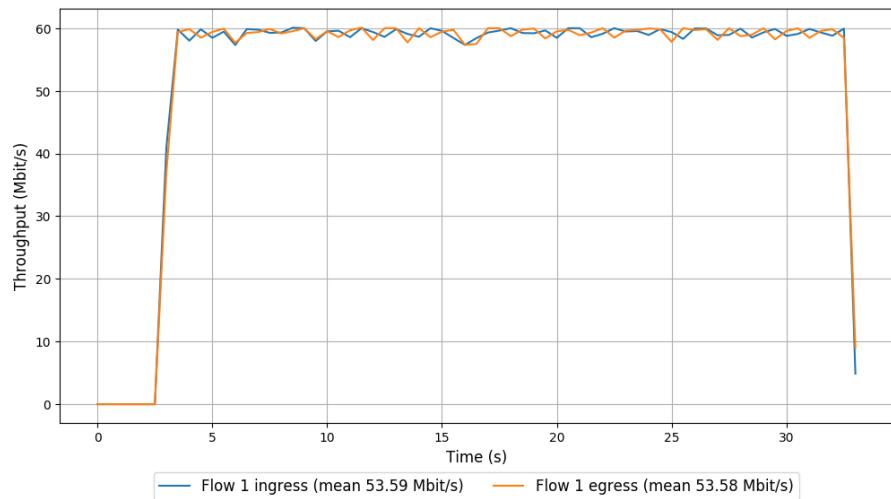


Run 9: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 01:56:12 +0000
End at: Fri, 16 Jun 2017 01:56:42 +0000
Local clock offset: 4.015 ms
Remote clock offset: -2.962 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 26.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 26.328 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

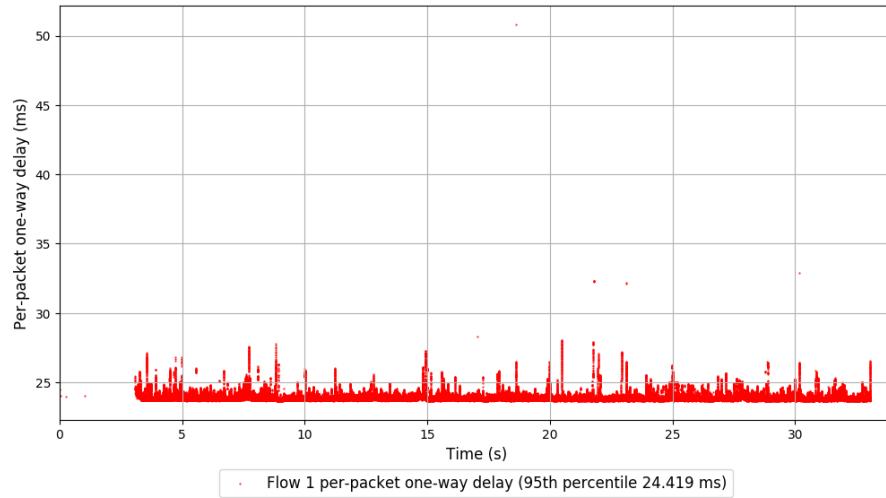
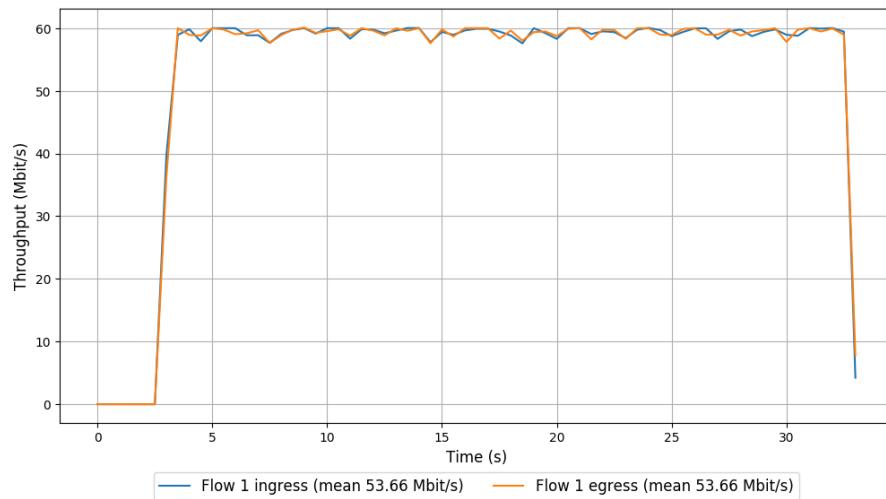


Run 10: Statistics of KohoCC

```
Start at: Fri, 16 Jun 2017 02:15:39 +0000
End at: Fri, 16 Jun 2017 02:16:10 +0000
Local clock offset: 1.905 ms
Remote clock offset: -3.095 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 24.419 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 24.419 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

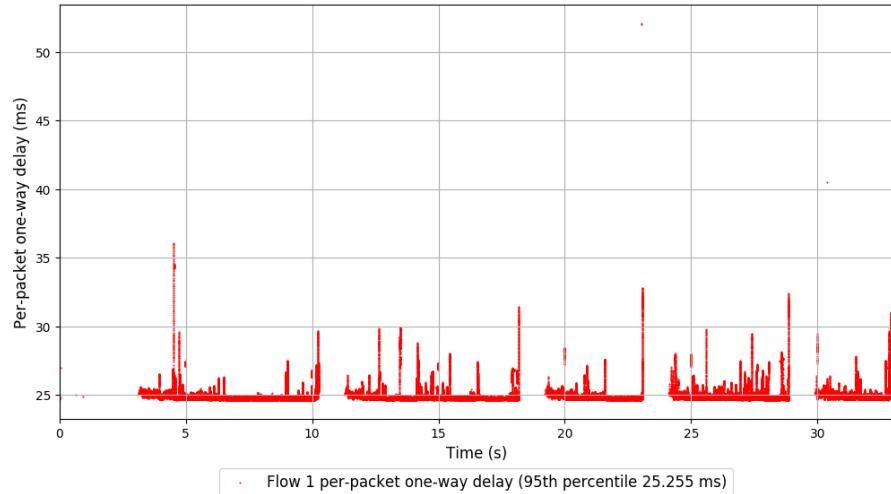
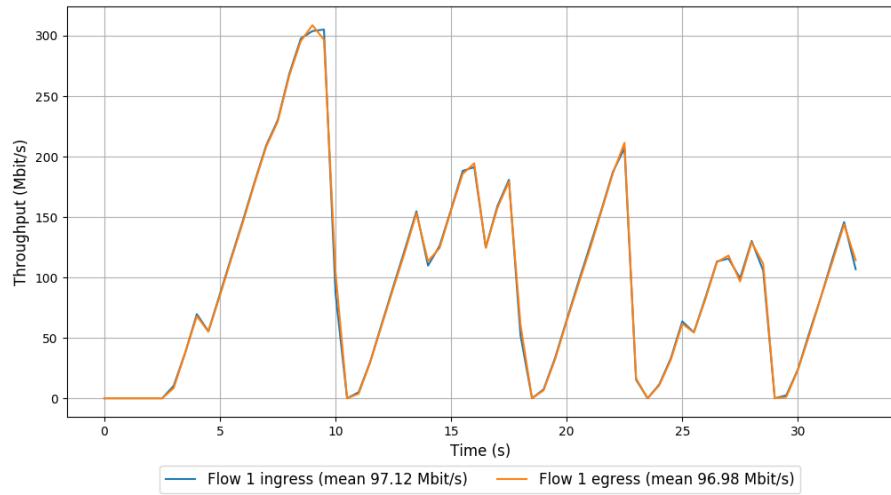


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 15 Jun 2017 23:13:15 +0000
End at: Thu, 15 Jun 2017 23:13:45 +0000
Local clock offset: 3.383 ms
Remote clock offset: -2.689 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 25.255 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 25.255 ms
Loss rate: 0.15%
```

Run 1: Report of LEDBAT — Data Link

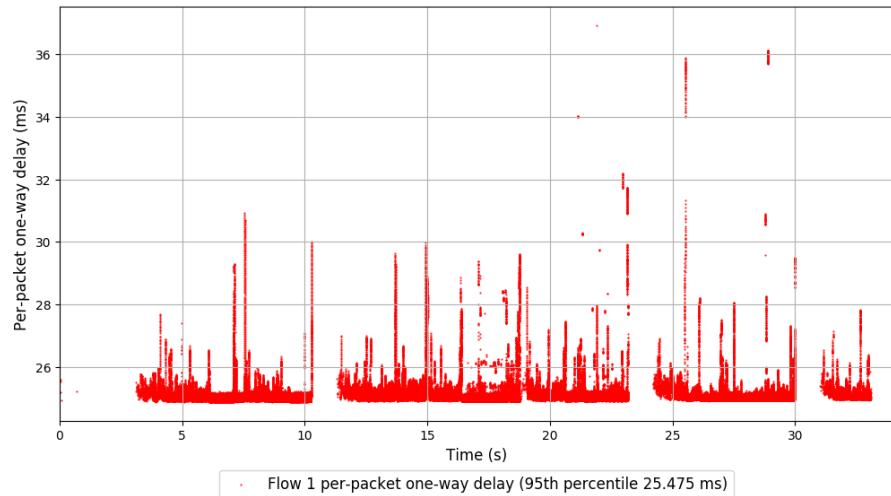
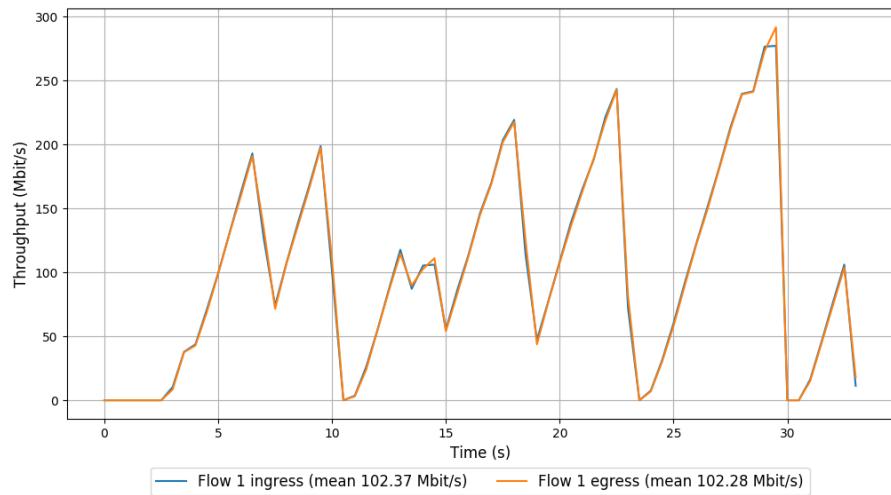


Run 2: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:32:46 +0000
End at: Thu, 15 Jun 2017 23:33:16 +0000
Local clock offset: 3.344 ms
Remote clock offset: -2.806 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:29:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.28 Mbit/s
95th percentile per-packet one-way delay: 25.475 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 102.28 Mbit/s
95th percentile per-packet one-way delay: 25.475 ms
Loss rate: 0.12%
```

Run 2: Report of LEDBAT — Data Link

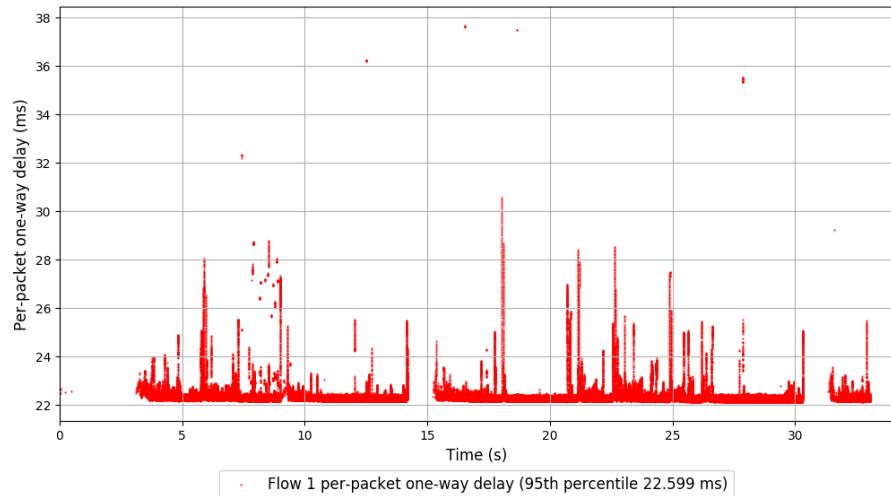
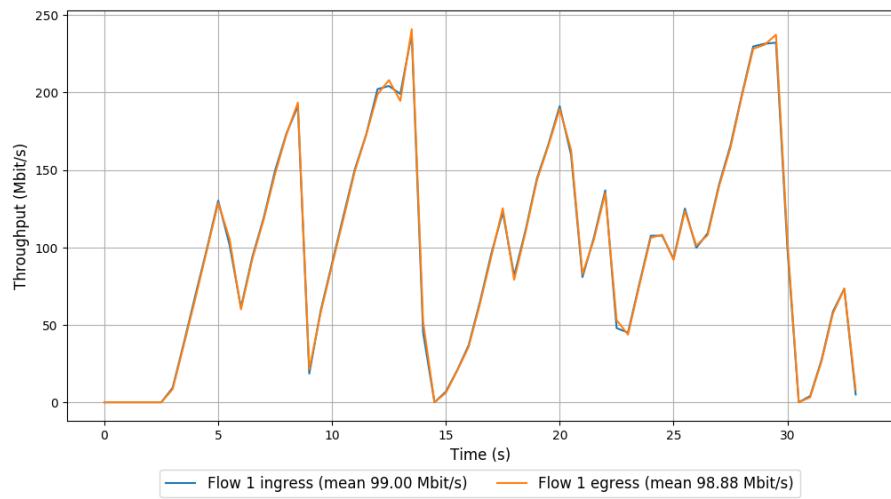


Run 3: Statistics of LEDBAT

```
Start at: Thu, 15 Jun 2017 23:52:21 +0000
End at: Thu, 15 Jun 2017 23:52:51 +0000
Local clock offset: 1.344 ms
Remote clock offset: -2.245 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.88 Mbit/s
95th percentile per-packet one-way delay: 22.599 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 98.88 Mbit/s
95th percentile per-packet one-way delay: 22.599 ms
Loss rate: 0.12%
```

Run 3: Report of LEDBAT — Data Link

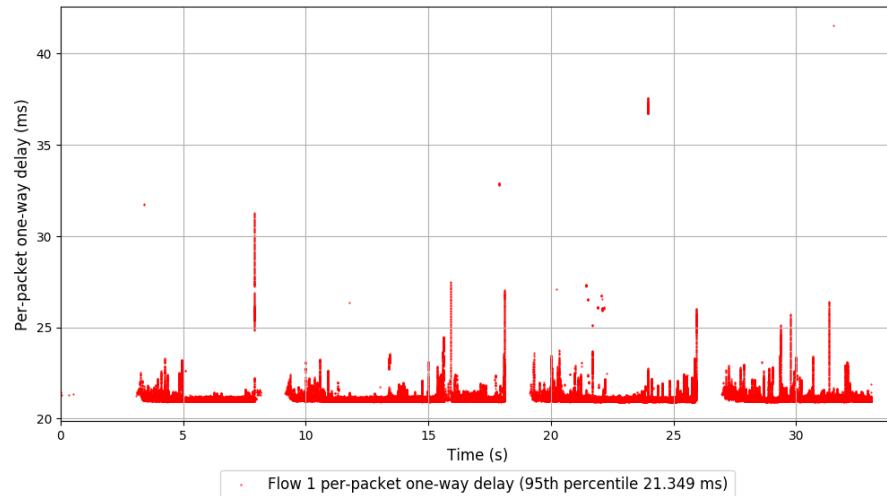
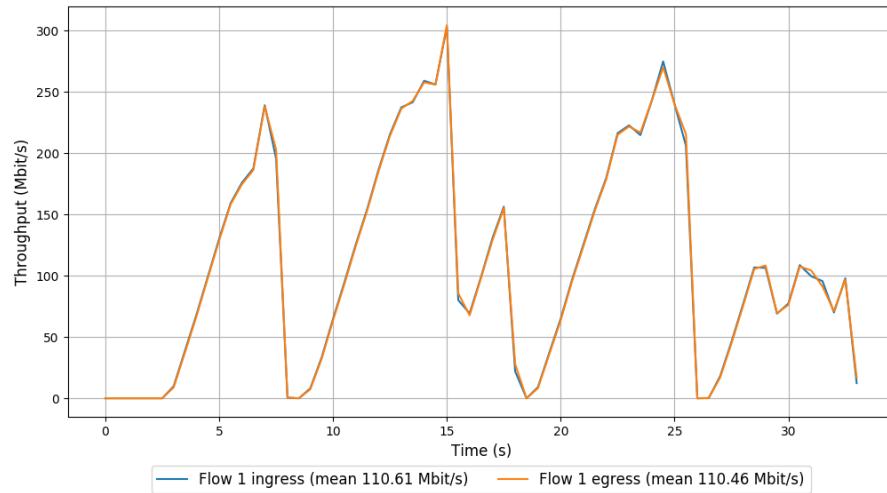


Run 4: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:11:54 +0000
End at: Fri, 16 Jun 2017 00:12:24 +0000
Local clock offset: 0.257 ms
Remote clock offset: -2.007 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 110.46 Mbit/s
95th percentile per-packet one-way delay: 21.349 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 110.46 Mbit/s
95th percentile per-packet one-way delay: 21.349 ms
Loss rate: 0.14%
```

Run 4: Report of LEDBAT — Data Link

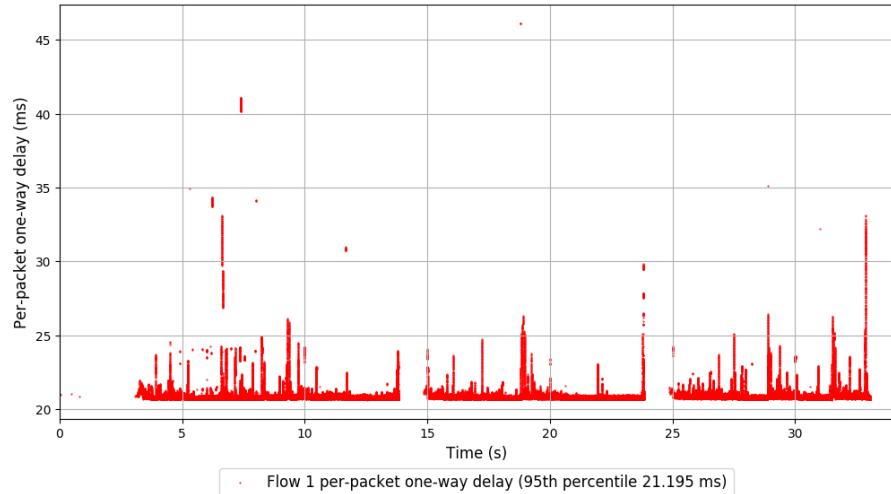
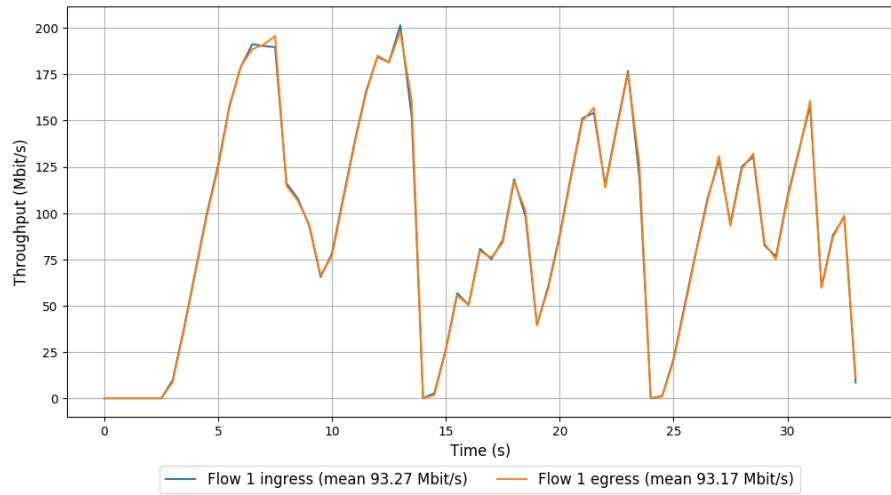


Run 5: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:31:25 +0000
End at: Fri, 16 Jun 2017 00:31:55 +0000
Local clock offset: 0.191 ms
Remote clock offset: -1.86 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 21.195 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 21.195 ms
Loss rate: 0.11%
```

Run 5: Report of LEDBAT — Data Link

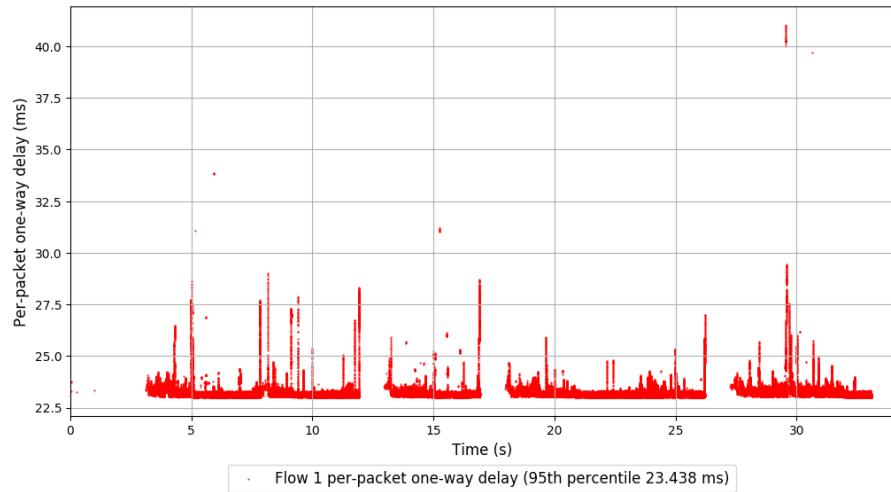
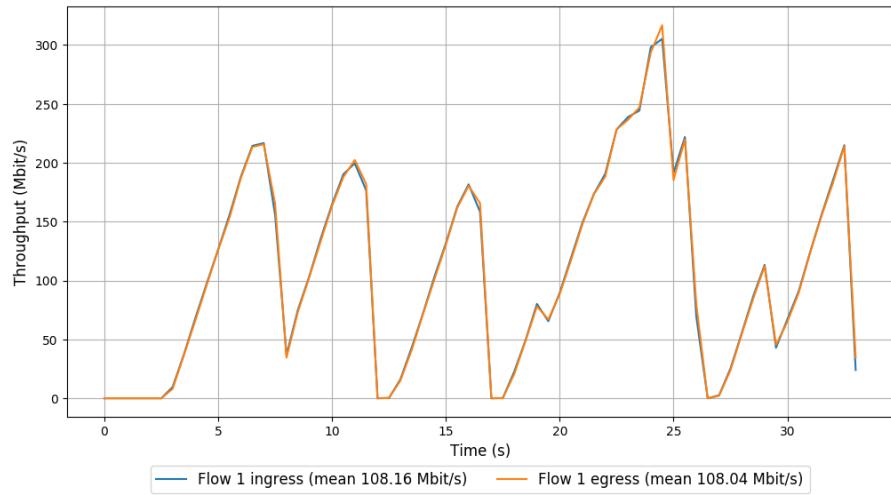


Run 6: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 00:51:03 +0000
End at: Fri, 16 Jun 2017 00:51:33 +0000
Local clock offset: 2.282 ms
Remote clock offset: -2.072 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.04 Mbit/s
95th percentile per-packet one-way delay: 23.438 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 108.04 Mbit/s
95th percentile per-packet one-way delay: 23.438 ms
Loss rate: 0.11%
```

Run 6: Report of LEDBAT — Data Link

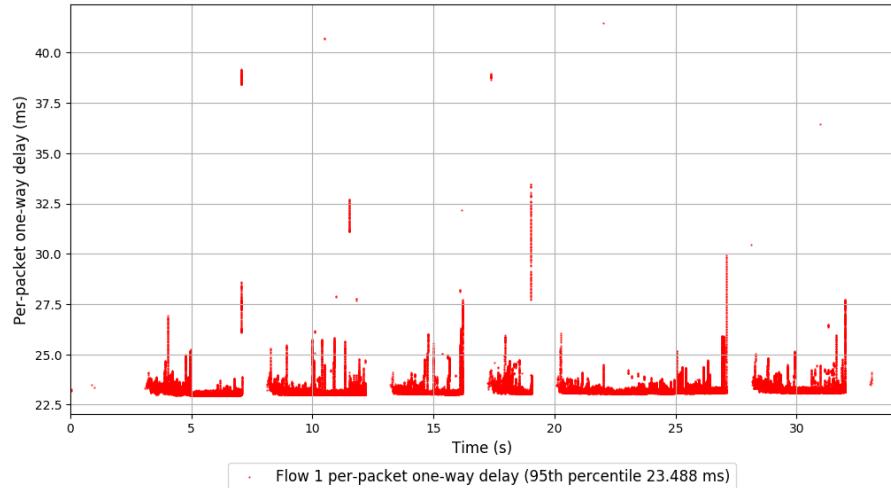
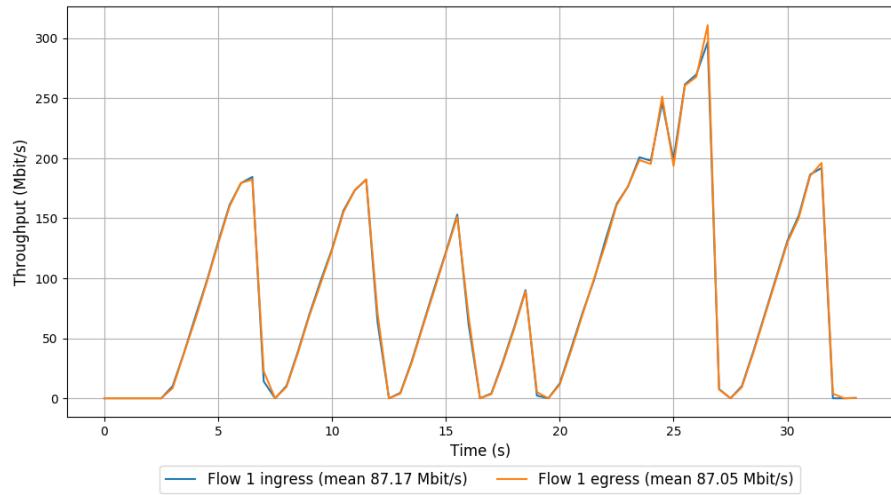


Run 7: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:10:32 +0000
End at: Fri, 16 Jun 2017 01:11:02 +0000
Local clock offset: 1.806 ms
Remote clock offset: -2.382 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 23.488 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 23.488 ms
Loss rate: 0.13%
```

Run 7: Report of LEDBAT — Data Link

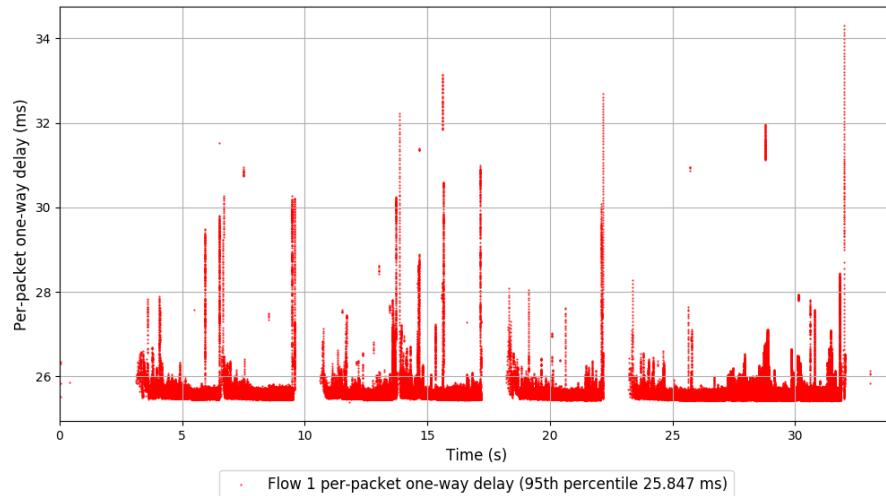
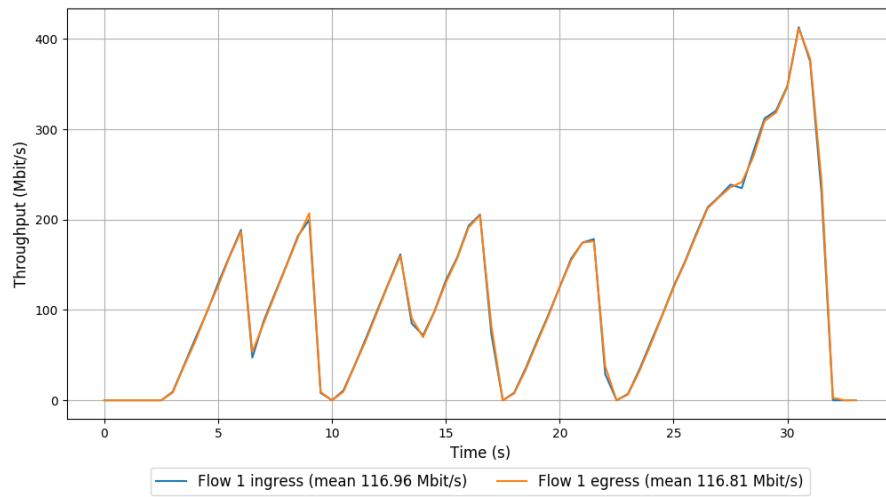


Run 8: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:29:51 +0000
End at: Fri, 16 Jun 2017 01:30:21 +0000
Local clock offset: 4.536 ms
Remote clock offset: -2.239 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.81 Mbit/s
95th percentile per-packet one-way delay: 25.847 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 116.81 Mbit/s
95th percentile per-packet one-way delay: 25.847 ms
Loss rate: 0.13%
```

Run 8: Report of LEDBAT — Data Link

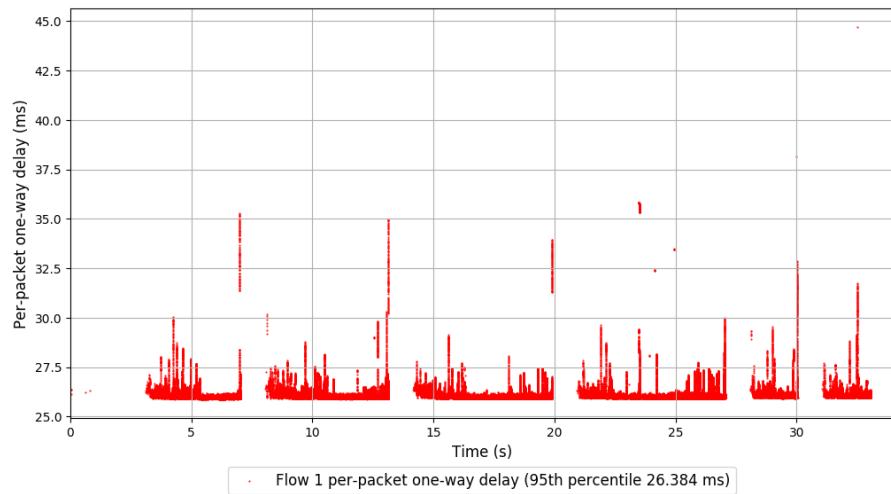
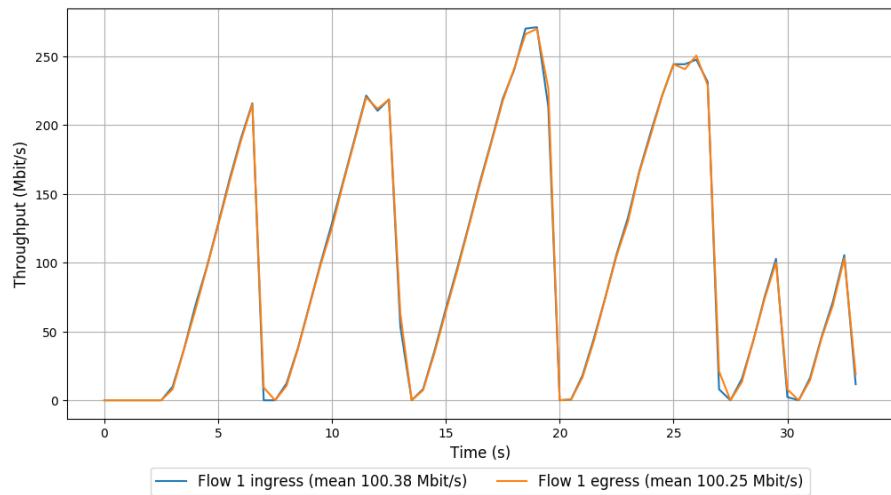


Run 9: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 01:49:26 +0000
End at: Fri, 16 Jun 2017 01:49:56 +0000
Local clock offset: 4.335 ms
Remote clock offset: -2.778 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:30:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.25 Mbit/s
95th percentile per-packet one-way delay: 26.384 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 100.25 Mbit/s
95th percentile per-packet one-way delay: 26.384 ms
Loss rate: 0.12%
```

Run 9: Report of LEDBAT — Data Link

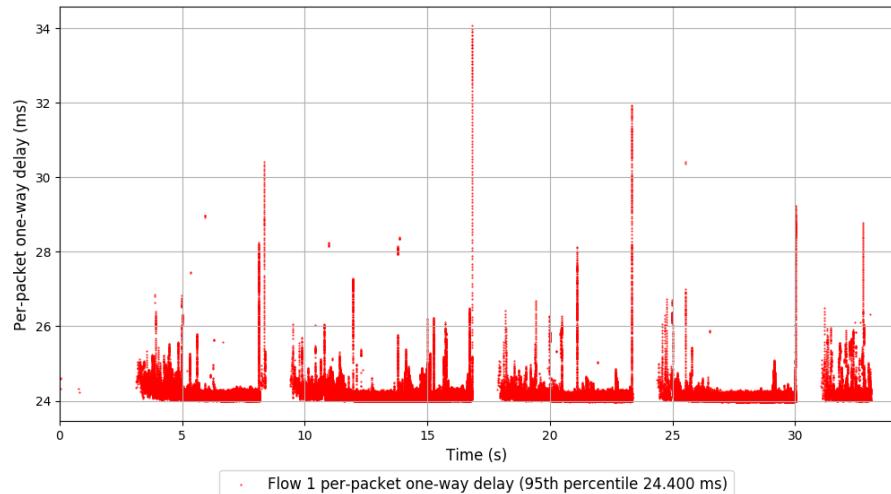
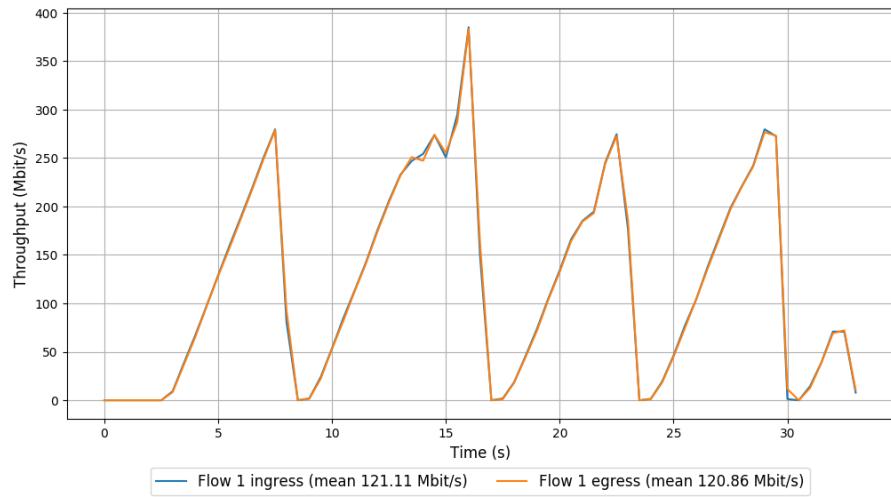


Run 10: Statistics of LEDBAT

```
Start at: Fri, 16 Jun 2017 02:09:08 +0000
End at: Fri, 16 Jun 2017 02:09:38 +0000
Local clock offset: 2.472 ms
Remote clock offset: -2.911 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:31:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 120.86 Mbit/s
95th percentile per-packet one-way delay: 24.400 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 120.86 Mbit/s
95th percentile per-packet one-way delay: 24.400 ms
Loss rate: 0.21%
```

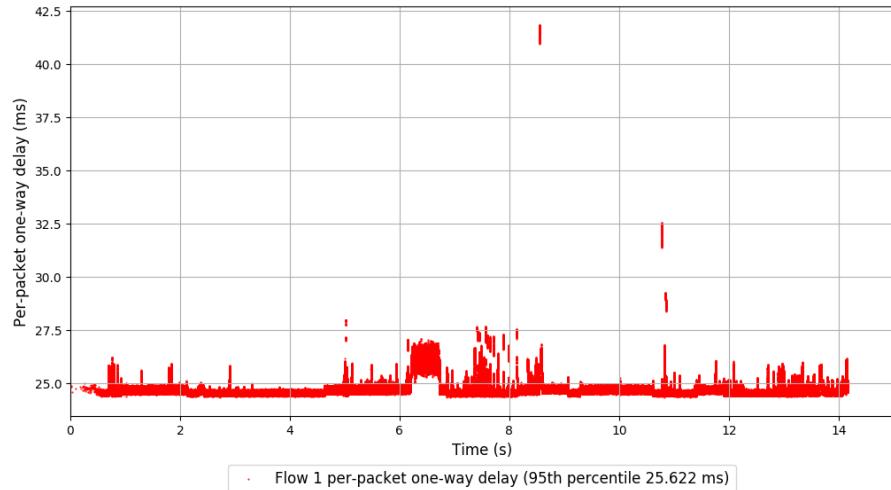
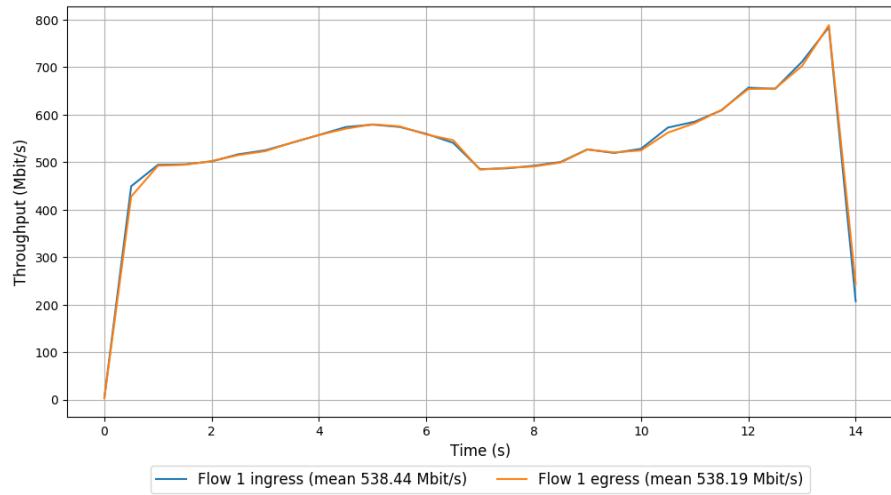
Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Thu, 15 Jun 2017 23:18:39 +0000
End at: Thu, 15 Jun 2017 23:19:09 +0000
Local clock offset: 3.054 ms
Remote clock offset: -2.648 ms

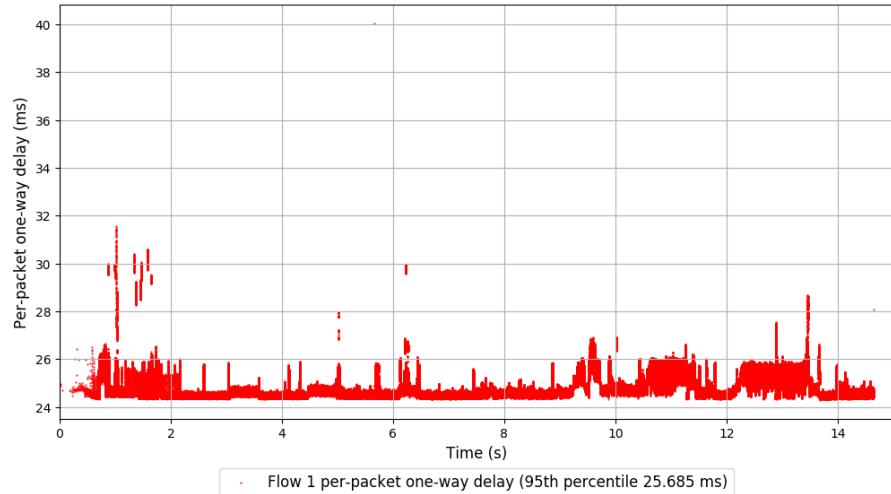
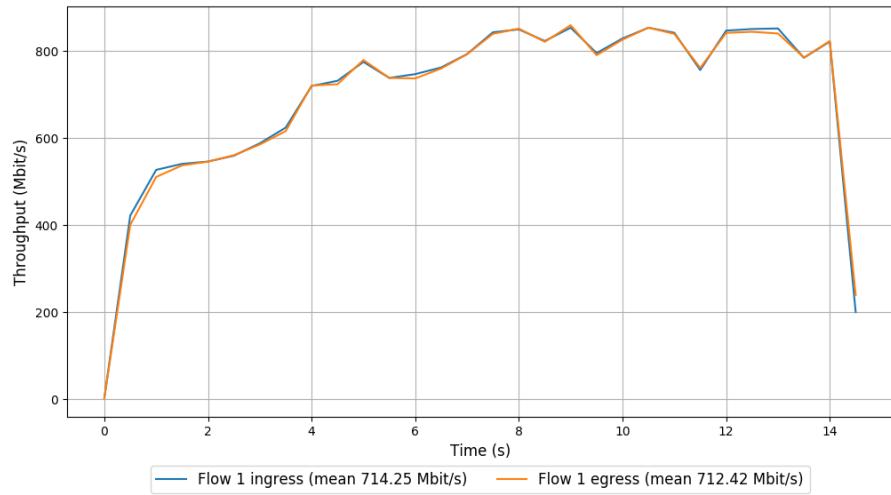
Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Thu, 15 Jun 2017 23:38:07 +0000
End at: Thu, 15 Jun 2017 23:38:37 +0000
Local clock offset: 3.147 ms
Remote clock offset: -2.7 ms

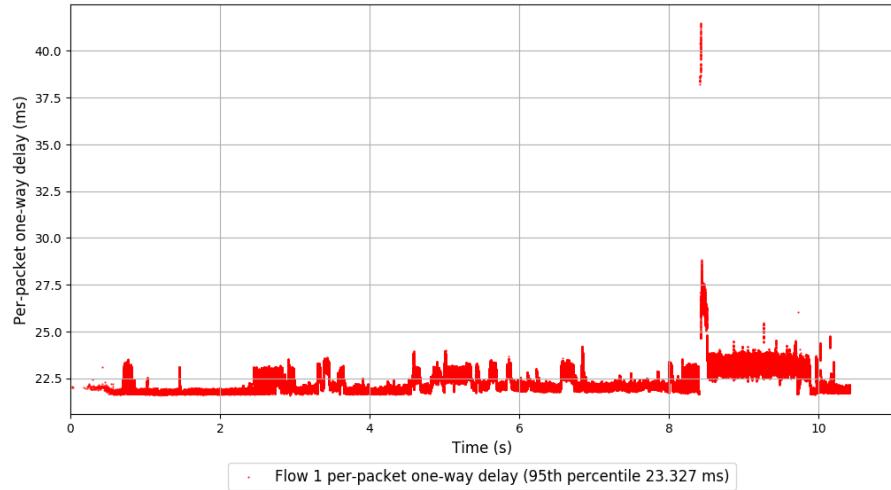
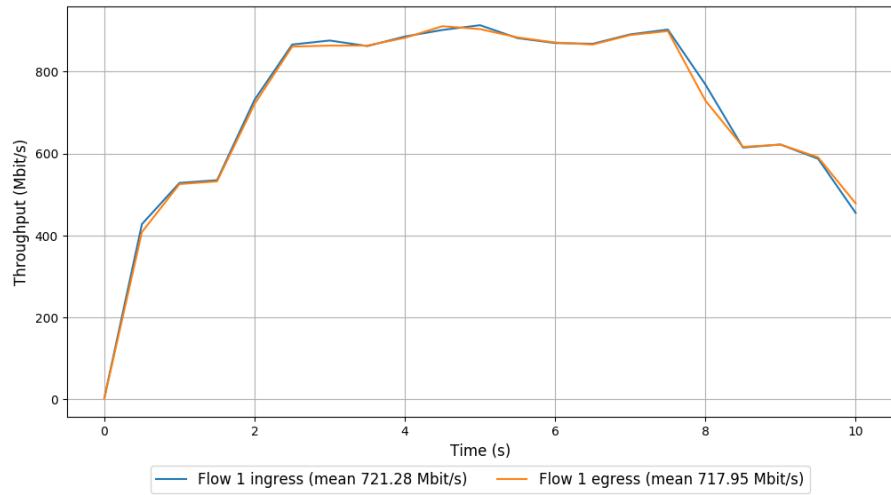
Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 15 Jun 2017 23:57:42 +0000
End at: Thu, 15 Jun 2017 23:58:12 +0000
Local clock offset: 0.933 ms
Remote clock offset: -2.168 ms

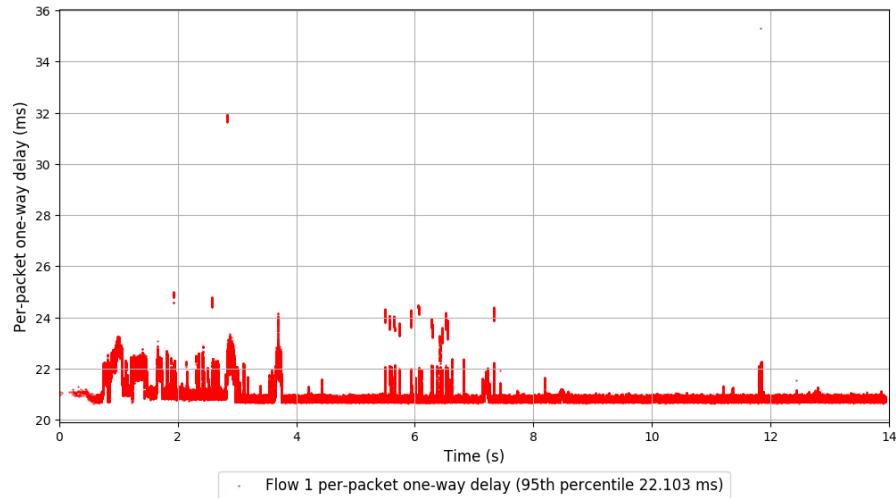
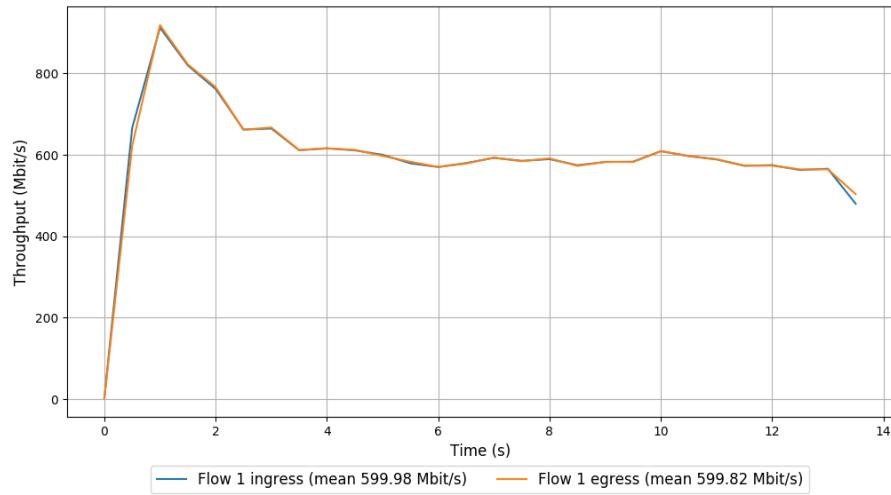
Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Fri, 16 Jun 2017 00:17:13 +0000
End at: Fri, 16 Jun 2017 00:17:43 +0000
Local clock offset: 0.06 ms
Remote clock offset: -1.973 ms

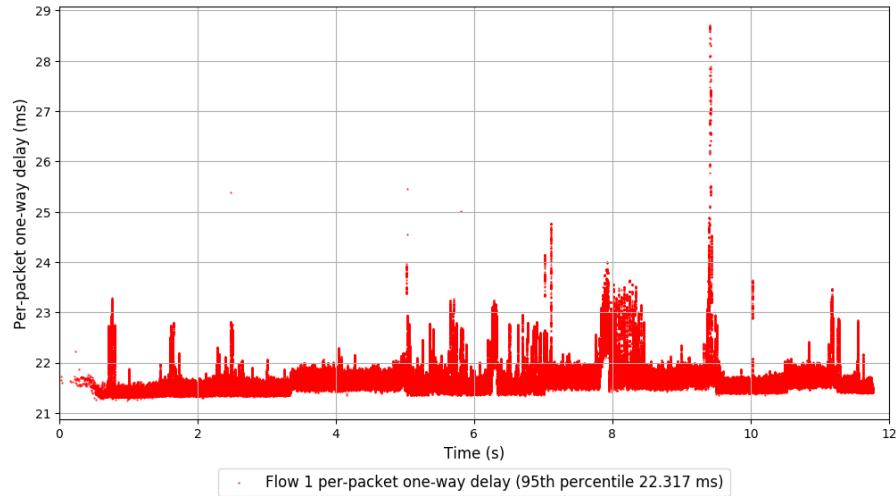
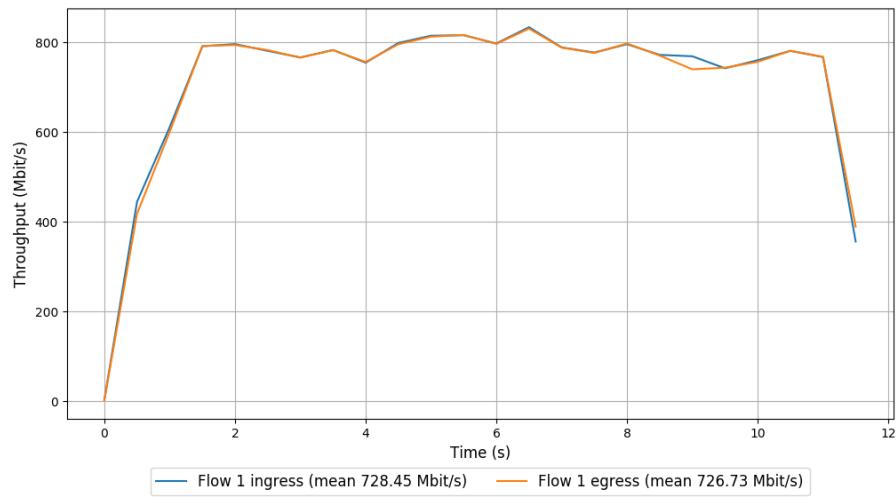
Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Fri, 16 Jun 2017 00:36:44 +0000
End at: Fri, 16 Jun 2017 00:37:14 +0000
Local clock offset: 0.392 ms
Remote clock offset: -1.814 ms

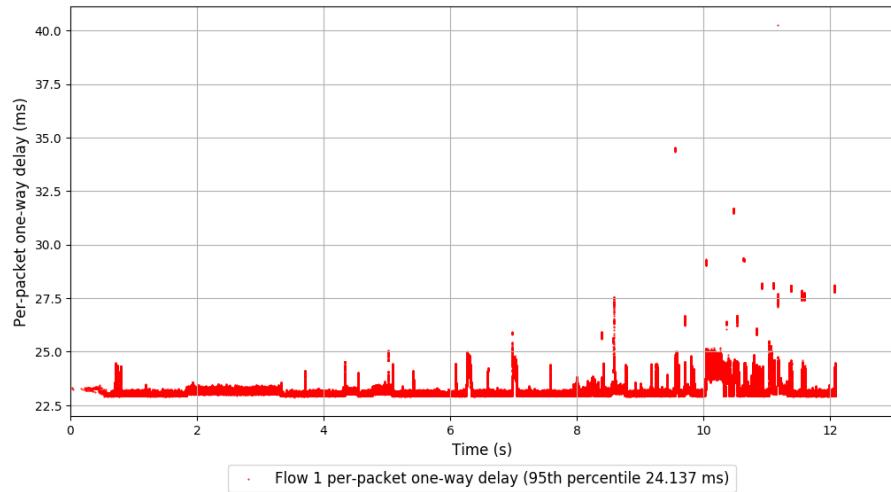
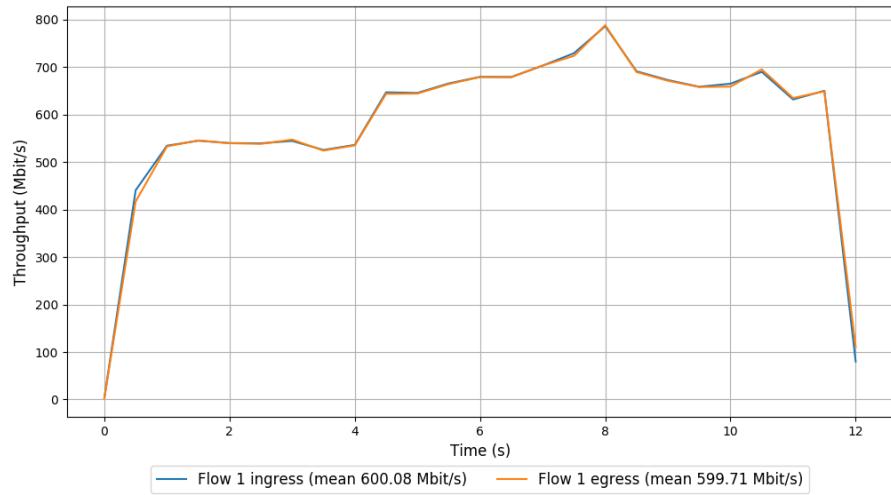
Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Fri, 16 Jun 2017 00:56:14 +0000
End at: Fri, 16 Jun 2017 00:56:44 +0000
Local clock offset: 2.016 ms
Remote clock offset: -2.15 ms

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

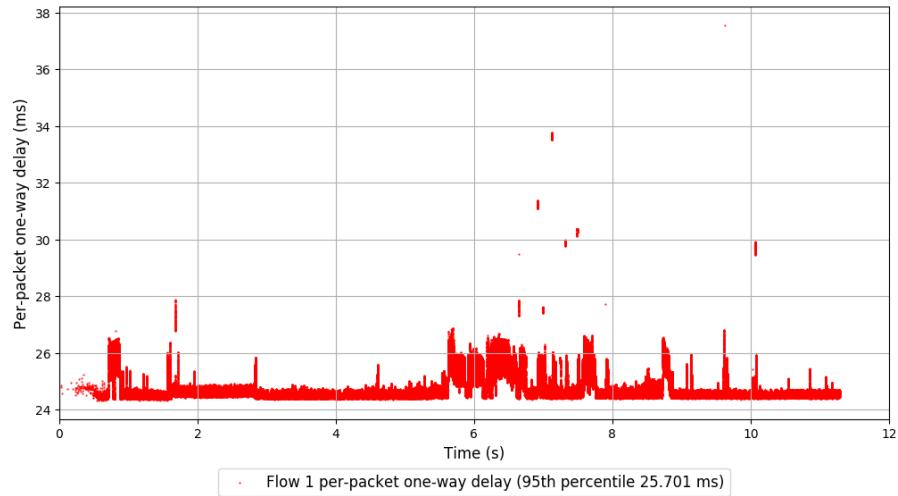
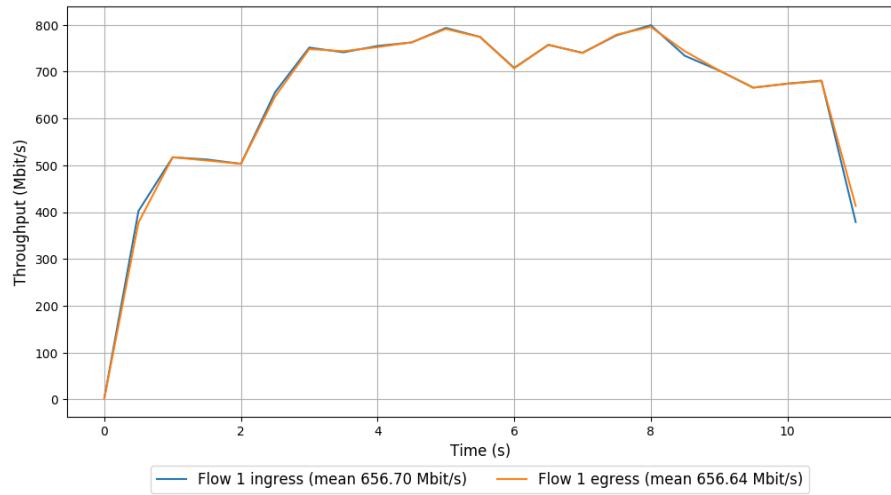
Start at: Fri, 16 Jun 2017 01:15:42 +0000

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

Local clock offset: 3.205 ms

Remote clock offset: -2.289 ms

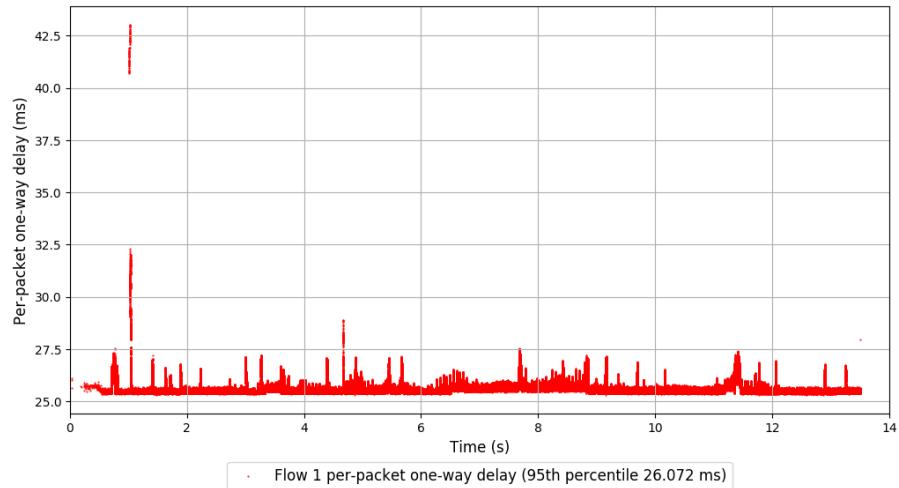
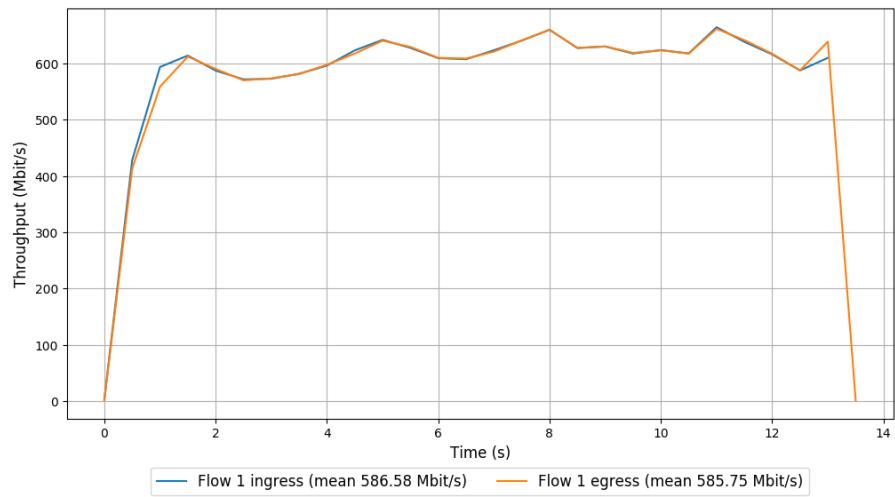
Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Fri, 16 Jun 2017 01:35:14 +0000
End at: Fri, 16 Jun 2017 01:35:44 +0000
Local clock offset: 4.335 ms
Remote clock offset: -2.28 ms

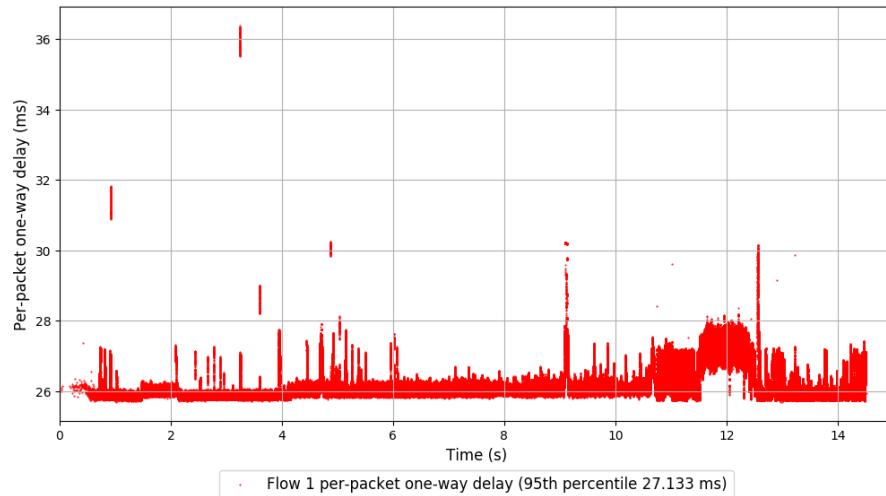
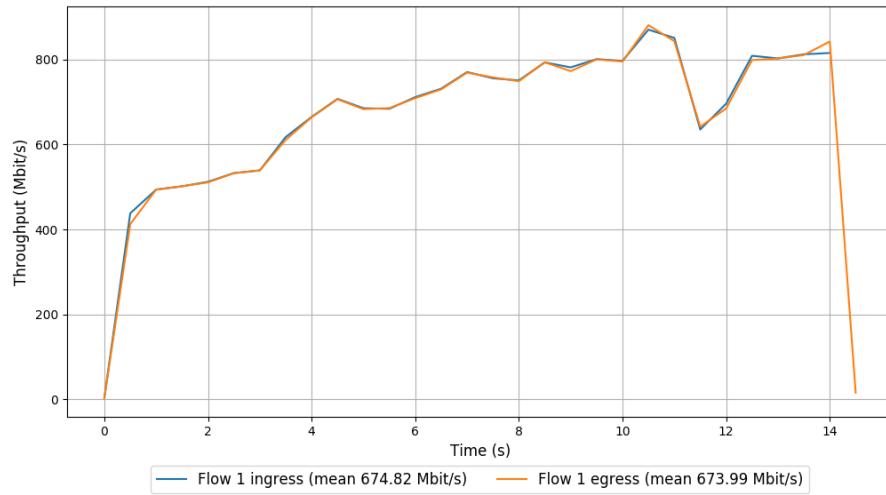
Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Fri, 16 Jun 2017 01:54:51 +0000
End at: Fri, 16 Jun 2017 01:55:21 +0000
Local clock offset: 4.197 ms
Remote clock offset: -2.91 ms

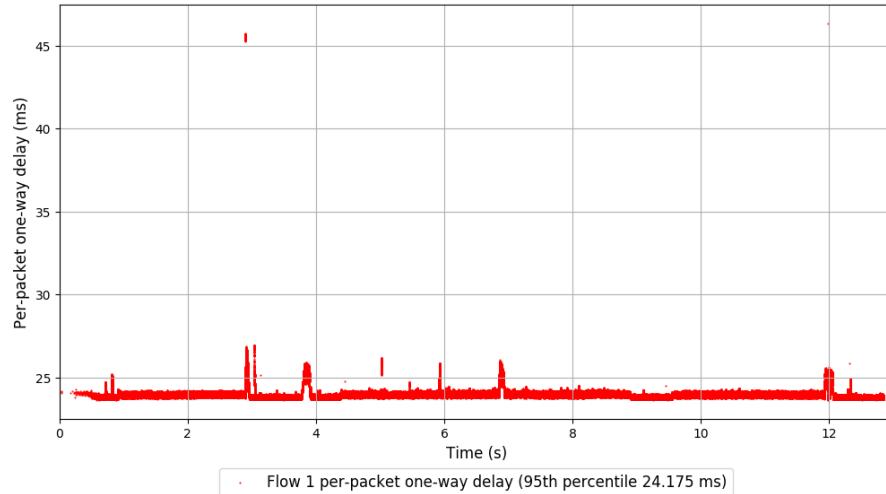
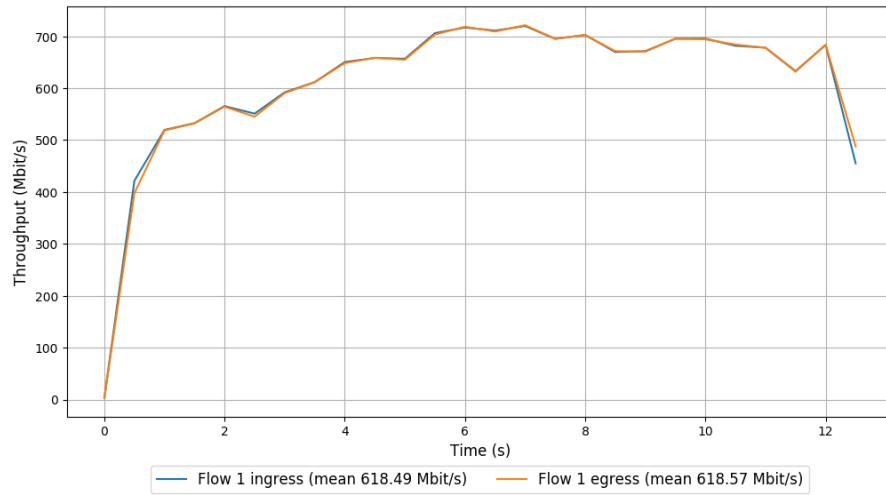
Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Fri, 16 Jun 2017 02:14:20 +0000
End at: Fri, 16 Jun 2017 02:14:50 +0000
Local clock offset: 2.099 ms
Remote clock offset: -3.08 ms

Run 10: Report of PCC — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:17:28 +0000
```

```
End at: Thu, 15 Jun 2017 23:17:58 +0000
```

```
Local clock offset: 3.137 ms
```

```
Remote clock offset: -2.62 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 16.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.609 ms
```

```
Loss rate: 0.00%
```

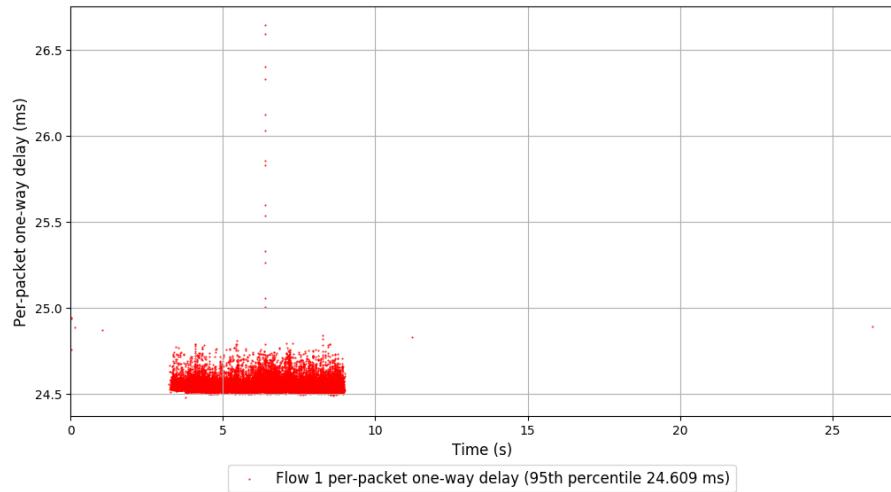
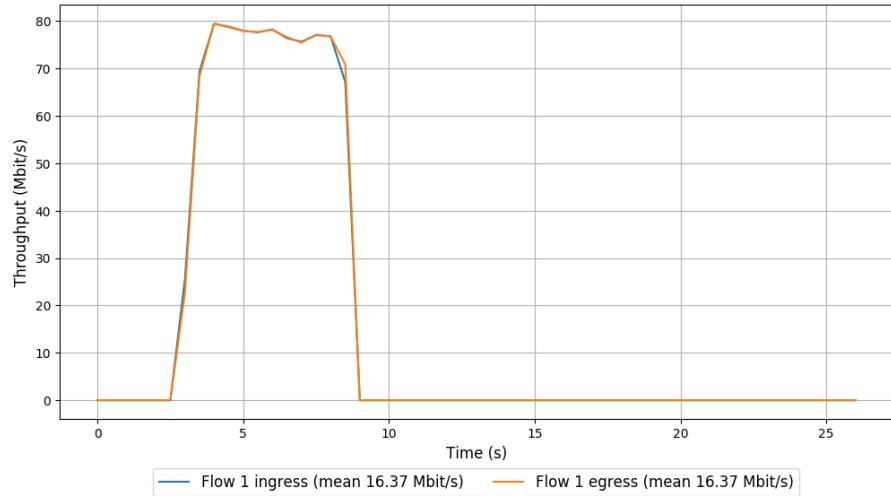
```
-- Flow 1:
```

```
Average throughput: 16.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.609 ms
```

```
Loss rate: 0.00%
```

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

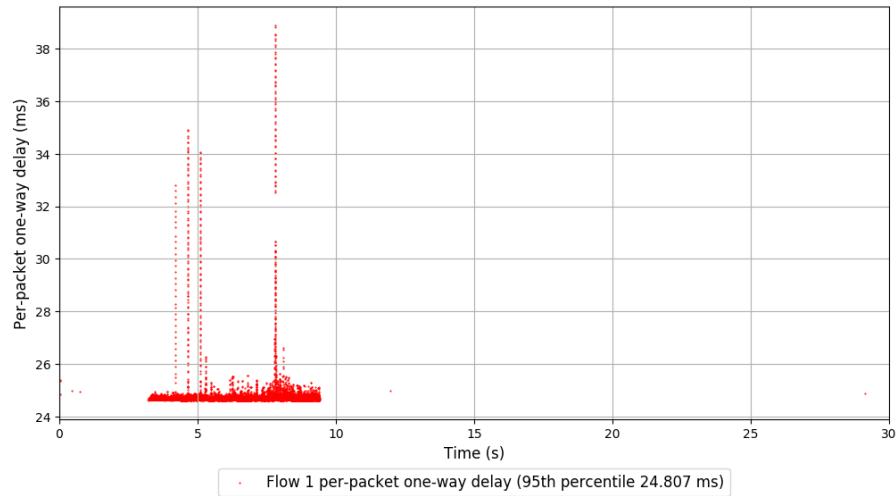
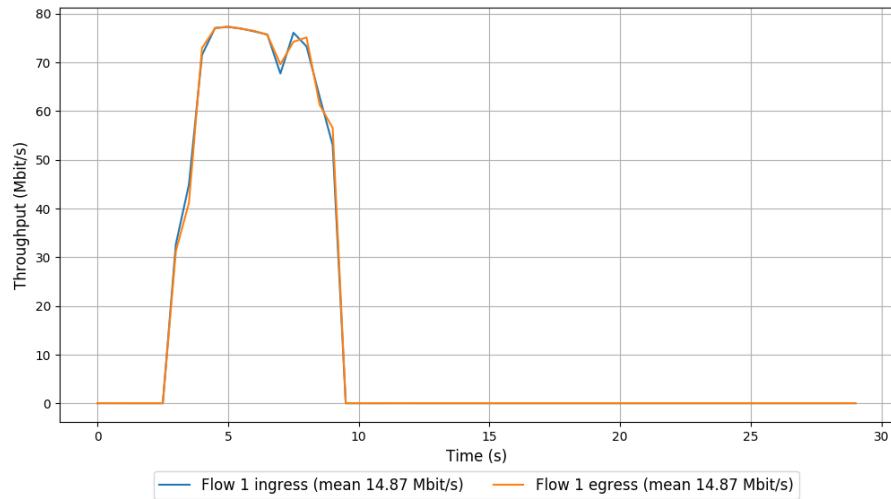


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 15 Jun 2017 23:36:56 +0000
End at: Thu, 15 Jun 2017 23:37:26 +0000
Local clock offset: 3.234 ms
Remote clock offset: -2.757 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 24.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 24.807 ms
Loss rate: 0.00%
```

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

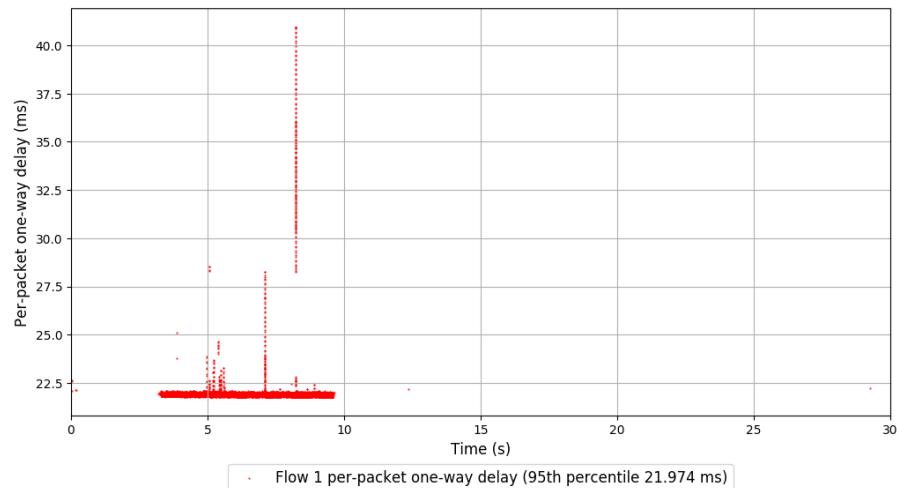
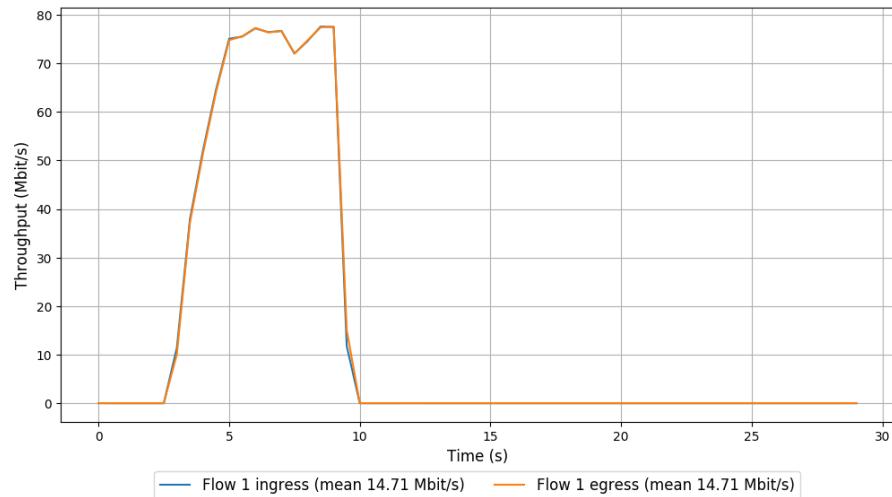


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 15 Jun 2017 23:56:32 +0000
End at: Thu, 15 Jun 2017 23:57:02 +0000
Local clock offset: 0.896 ms
Remote clock offset: -2.188 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 21.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 21.974 ms
Loss rate: 0.00%
```

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

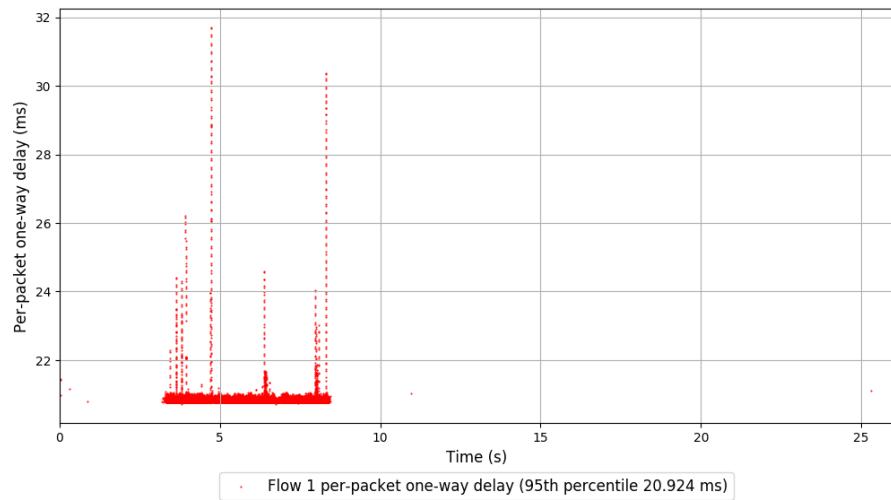
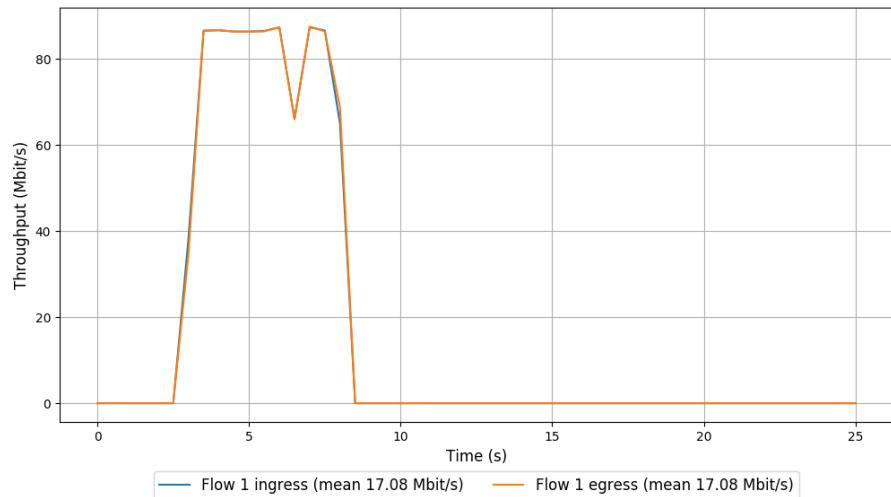


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:16:03 +0000
End at: Fri, 16 Jun 2017 00:16:33 +0000
Local clock offset: 0.101 ms
Remote clock offset: -1.98 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.08 Mbit/s
95th percentile per-packet one-way delay: 20.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.08 Mbit/s
95th percentile per-packet one-way delay: 20.924 ms
Loss rate: 0.00%
```

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

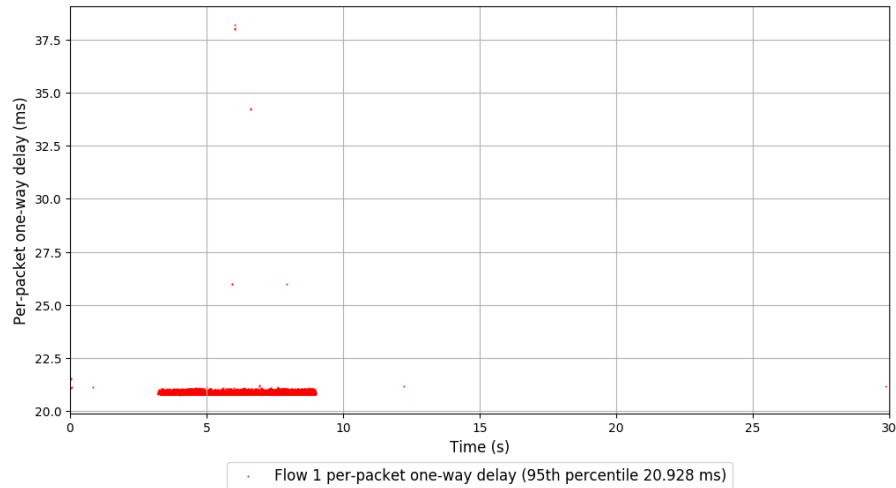
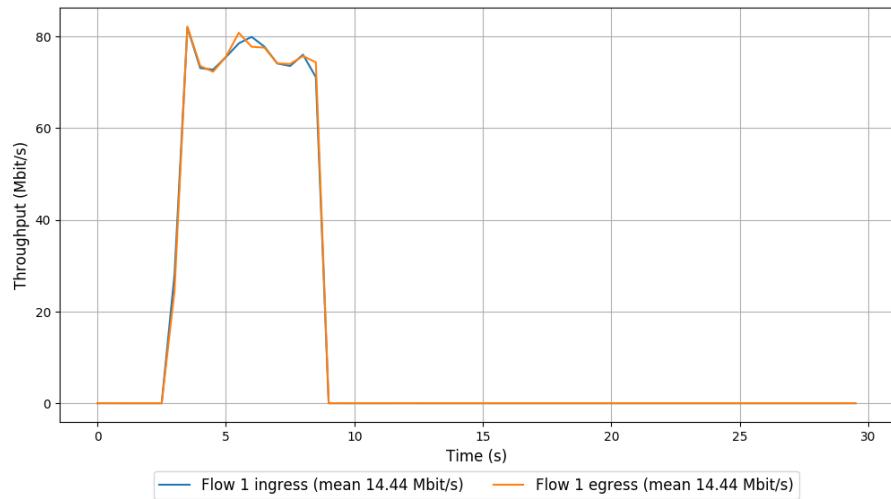


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:35:34 +0000
End at: Fri, 16 Jun 2017 00:36:04 +0000
Local clock offset: 0.284 ms
Remote clock offset: -1.789 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.44 Mbit/s
95th percentile per-packet one-way delay: 20.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.44 Mbit/s
95th percentile per-packet one-way delay: 20.928 ms
Loss rate: 0.00%
```

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

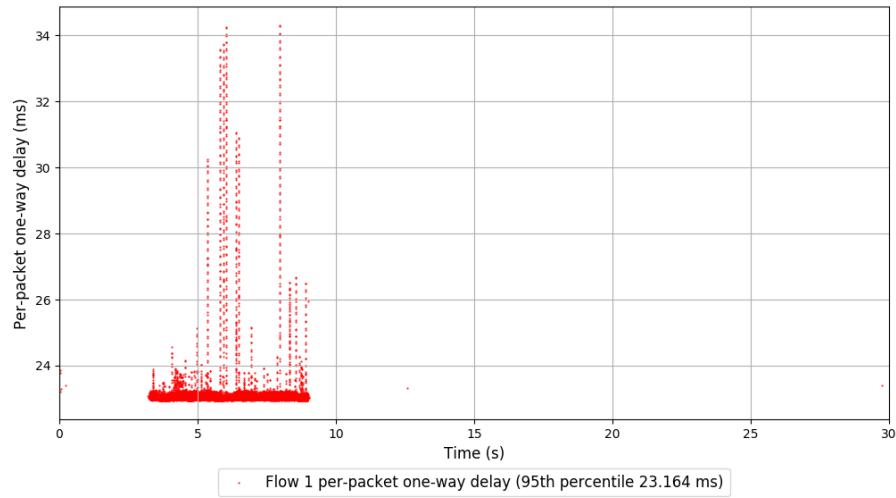
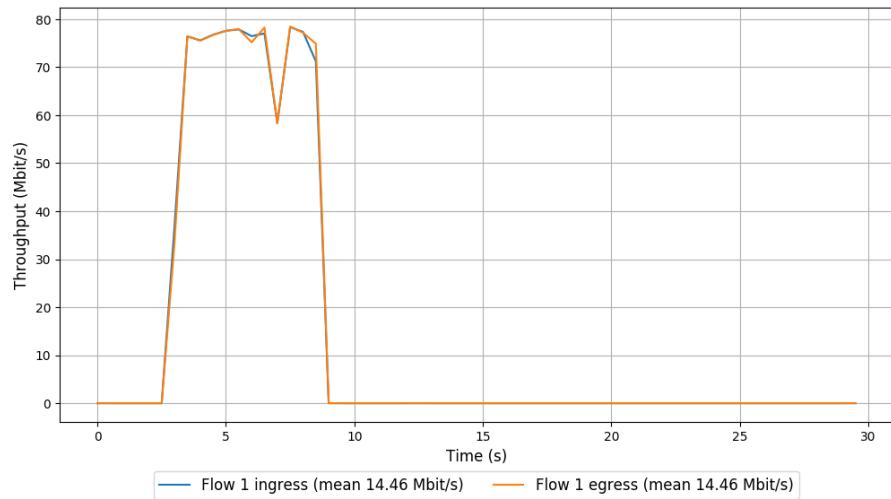


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 00:55:04 +0000
End at: Fri, 16 Jun 2017 00:55:34 +0000
Local clock offset: 2.124 ms
Remote clock offset: -2.16 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.46 Mbit/s
95th percentile per-packet one-way delay: 23.164 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.46 Mbit/s
95th percentile per-packet one-way delay: 23.164 ms
Loss rate: 0.00%
```

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

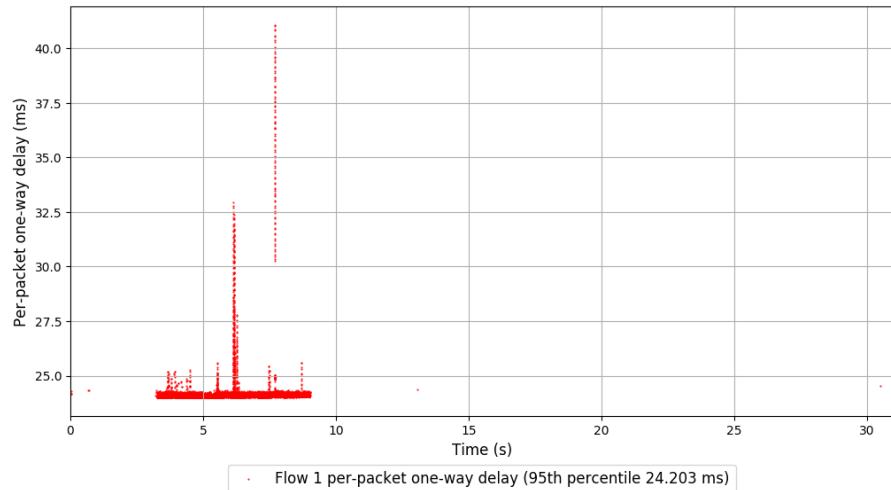
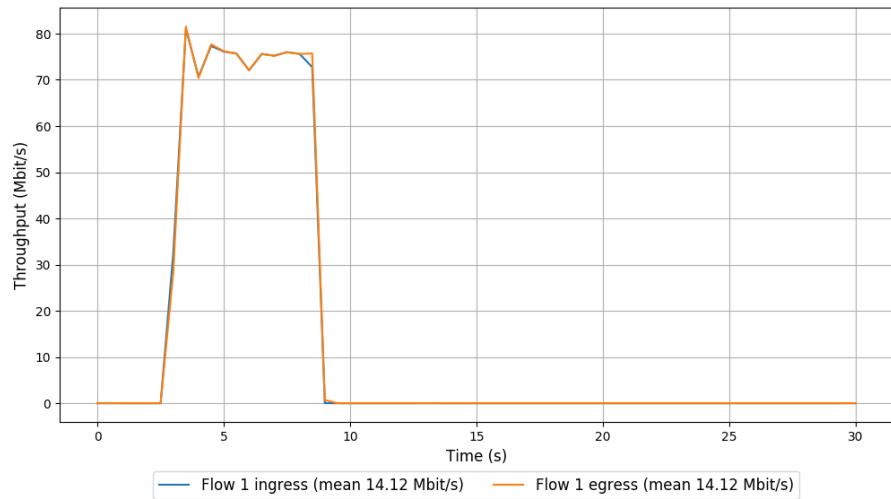


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:14:32 +0000
End at: Fri, 16 Jun 2017 01:15:02 +0000
Local clock offset: 2.934 ms
Remote clock offset: -2.356 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 24.203 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 24.203 ms
Loss rate: 0.00%
```

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

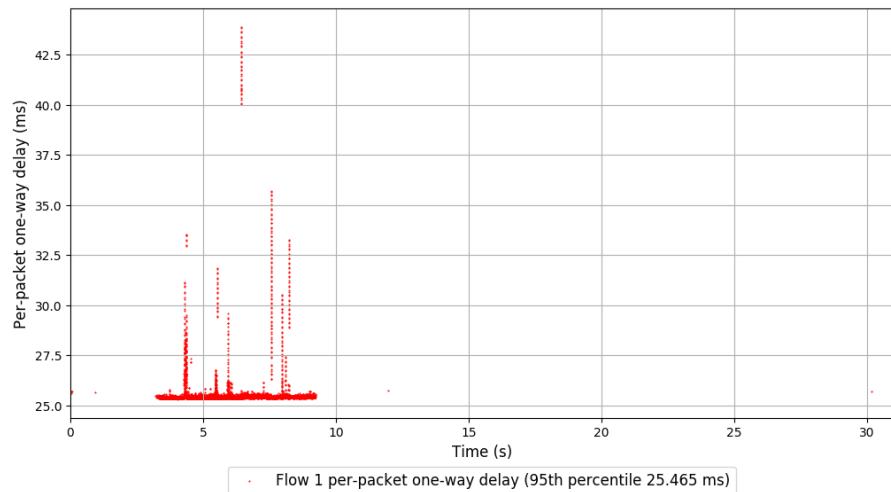
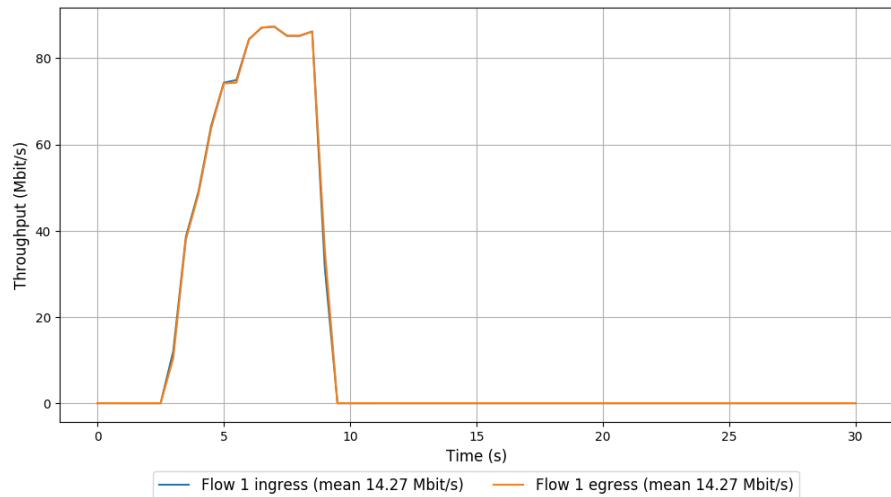


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:34:04 +0000
End at: Fri, 16 Jun 2017 01:34:34 +0000
Local clock offset: 4.368 ms
Remote clock offset: -2.373 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 25.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 25.465 ms
Loss rate: 0.00%
```

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

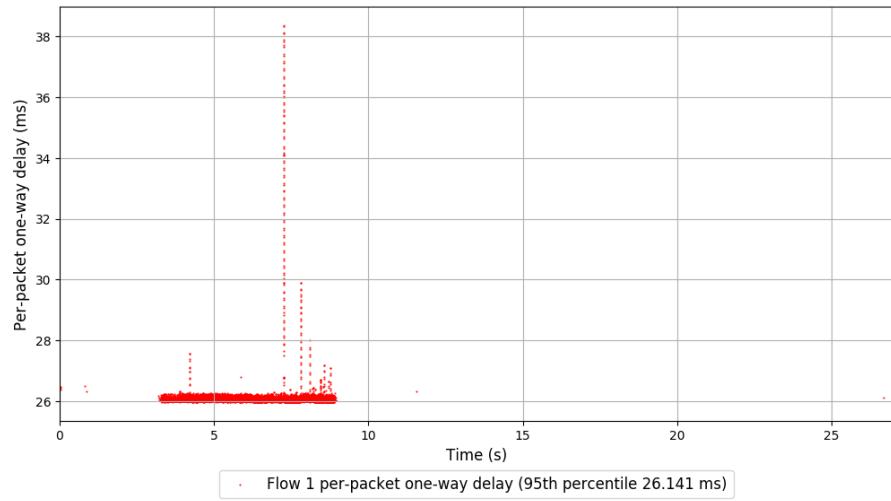
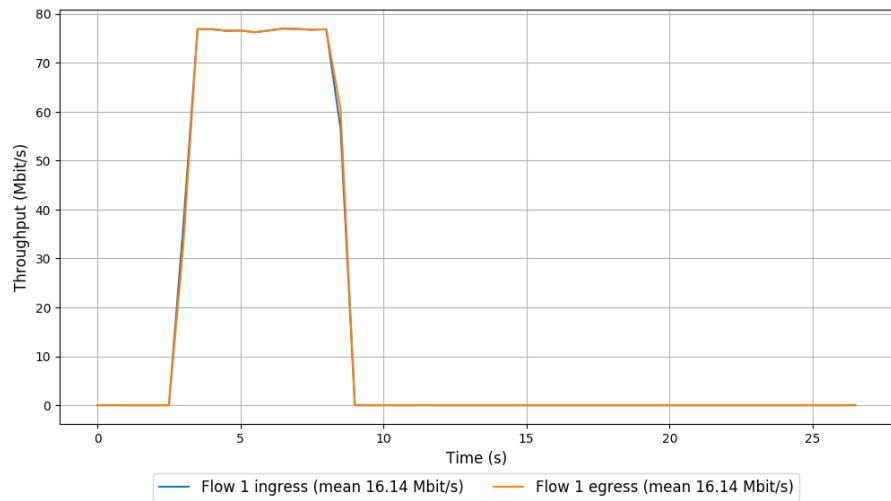


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 16 Jun 2017 01:53:40 +0000
End at: Fri, 16 Jun 2017 01:54:10 +0000
Local clock offset: 4.391 ms
Remote clock offset: -2.956 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 26.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 26.141 ms
Loss rate: 0.00%
```

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



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

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

```
End at: Fri, 16 Jun 2017 02:13:40 +0000
```

```
Local clock offset: 2.08 ms
```

```
Remote clock offset: -3.042 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:21 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.936 ms
```

```
Loss rate: 0.00%
```

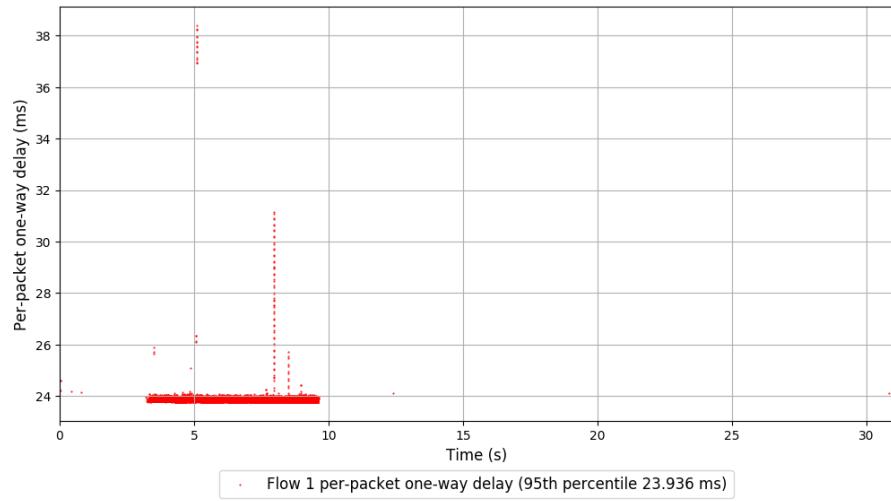
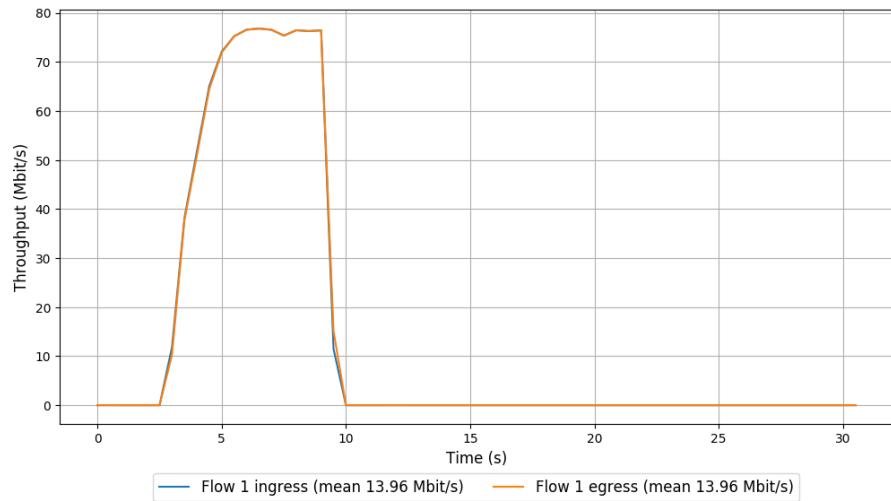
```
-- Flow 1:
```

```
Average throughput: 13.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 23.936 ms
```

```
Loss rate: 0.00%
```

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



Run 1: Statistics of Saturator

Start at: Thu, 15 Jun 2017 23:25:04 +0000

End at: Thu, 15 Jun 2017 23:25:34 +0000

Local clock offset: 2.718 ms

Remote clock offset: -2.665 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:34:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.45 Mbit/s

95th percentile per-packet one-way delay: 24.686 ms

Loss rate: 0.11%

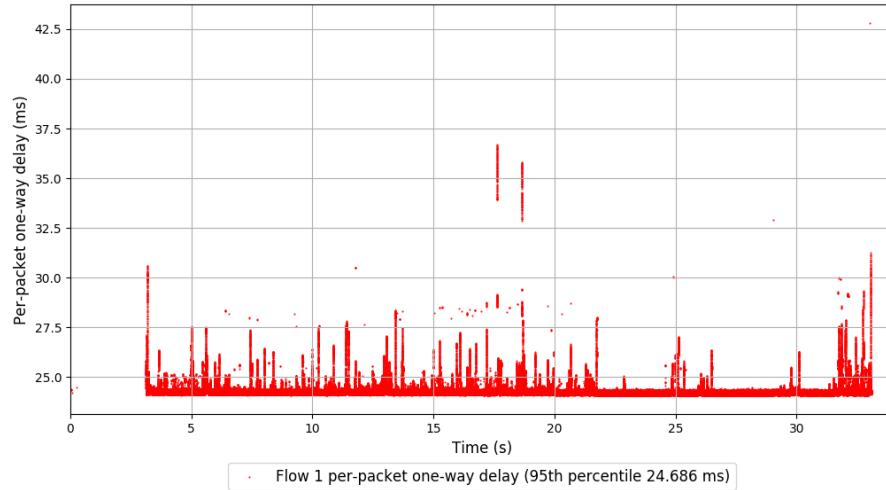
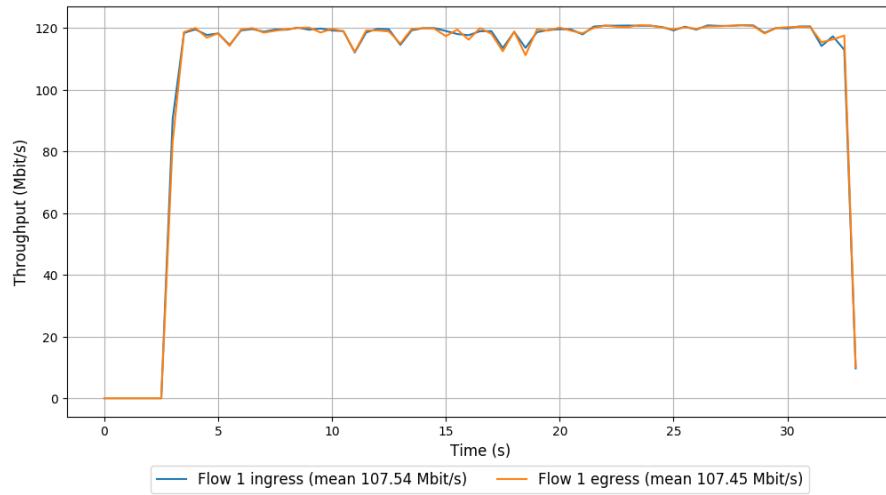
-- Flow 1:

Average throughput: 107.45 Mbit/s

95th percentile per-packet one-way delay: 24.686 ms

Loss rate: 0.11%

Run 1: Report of Saturator — Data Link

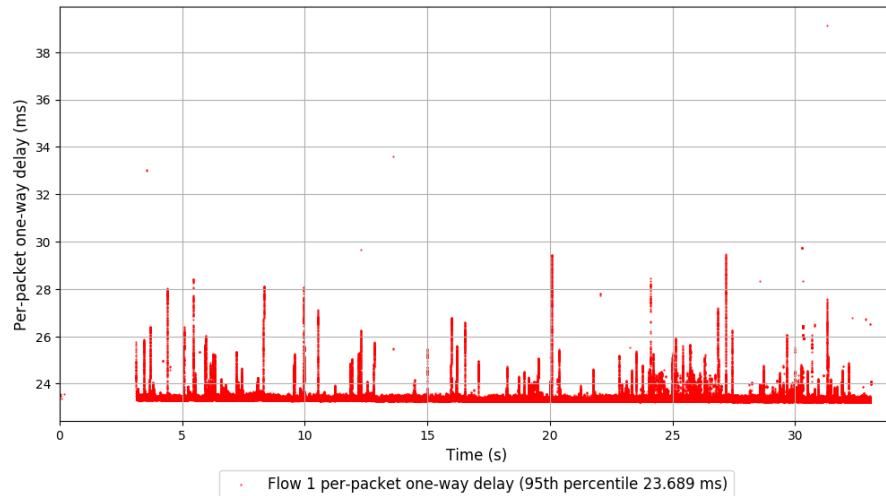
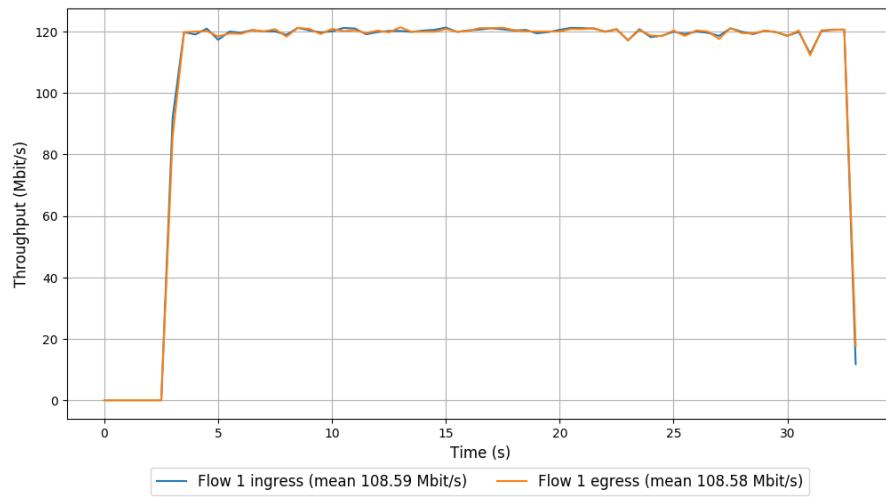


Run 2: Statistics of Saturator

```
Start at: Thu, 15 Jun 2017 23:44:39 +0000
End at: Thu, 15 Jun 2017 23:45:09 +0000
Local clock offset: 2.32 ms
Remote clock offset: -2.428 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.58 Mbit/s
95th percentile per-packet one-way delay: 23.689 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 108.58 Mbit/s
95th percentile per-packet one-way delay: 23.689 ms
Loss rate: 0.01%
```

Run 2: Report of Saturator — Data Link

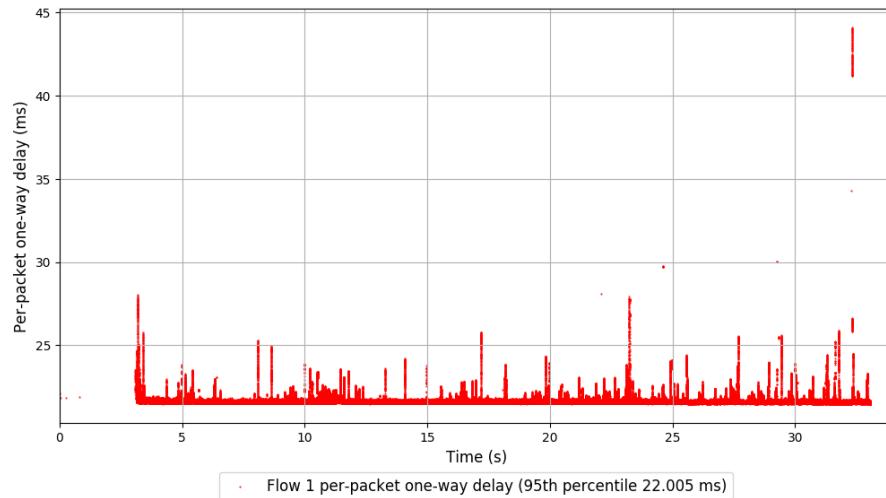
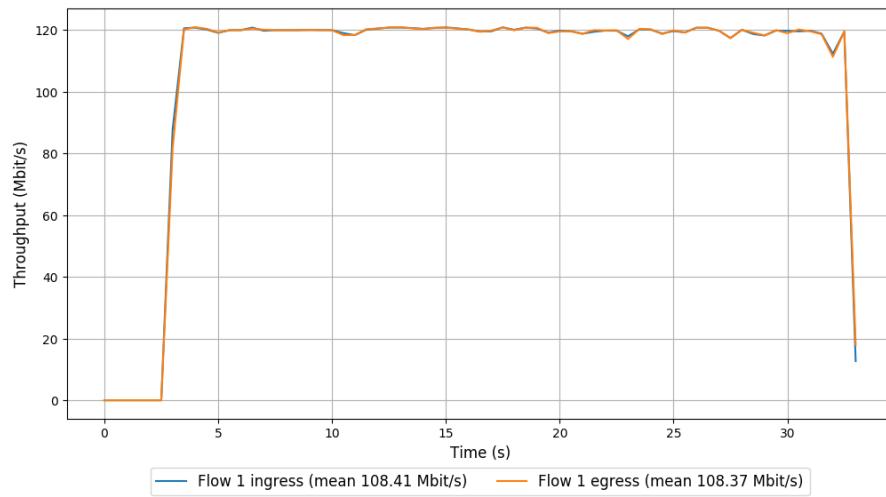


Run 3: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:04:10 +0000
End at: Fri, 16 Jun 2017 00:04:40 +0000
Local clock offset: 0.762 ms
Remote clock offset: -2.105 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.37 Mbit/s
95th percentile per-packet one-way delay: 22.005 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 108.37 Mbit/s
95th percentile per-packet one-way delay: 22.005 ms
Loss rate: 0.03%
```

Run 3: Report of Saturator — Data Link

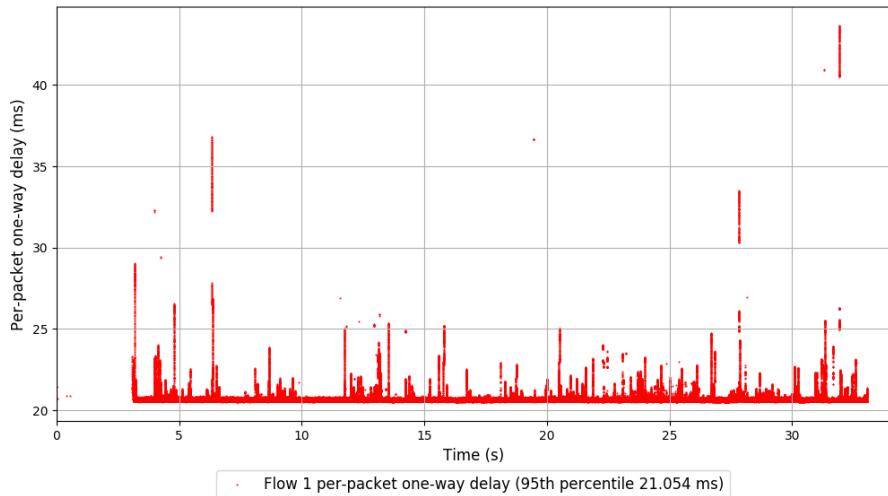
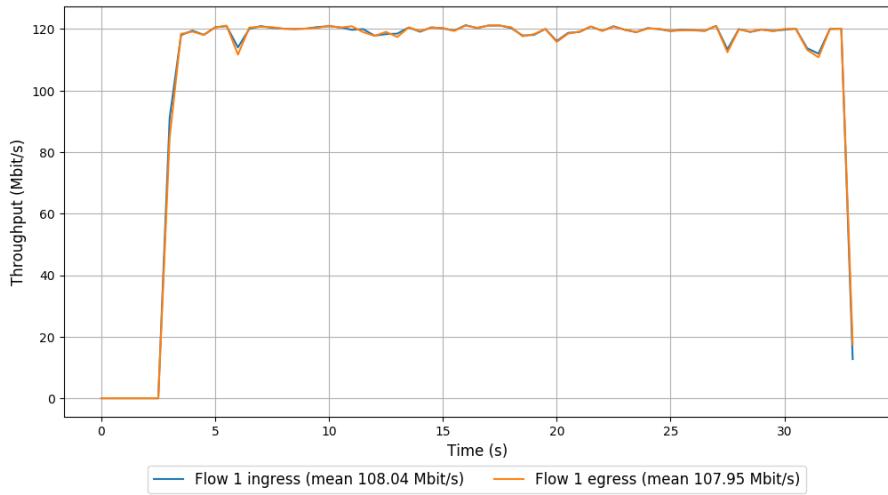


Run 4: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:23:40 +0000
End at: Fri, 16 Jun 2017 00:24:10 +0000
Local clock offset: -0.059 ms
Remote clock offset: -1.837 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:34:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.95 Mbit/s
95th percentile per-packet one-way delay: 21.054 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 107.95 Mbit/s
95th percentile per-packet one-way delay: 21.054 ms
Loss rate: 0.09%
```

Run 4: Report of Saturator — Data Link

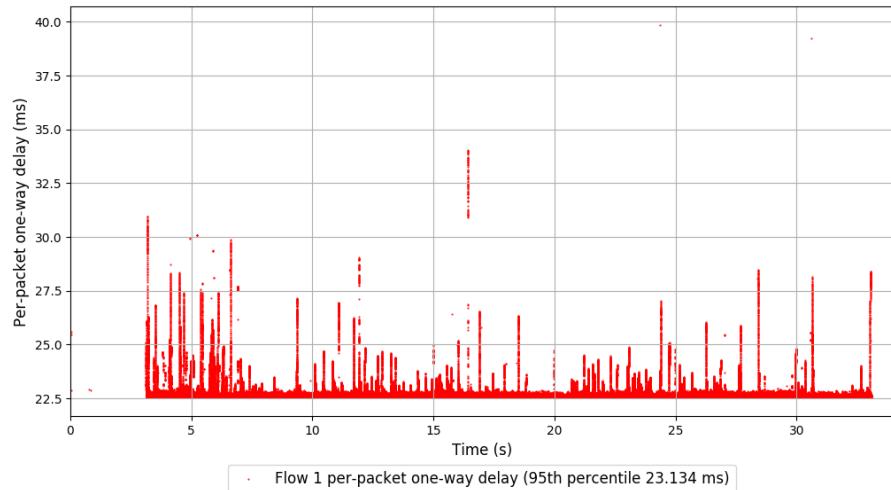
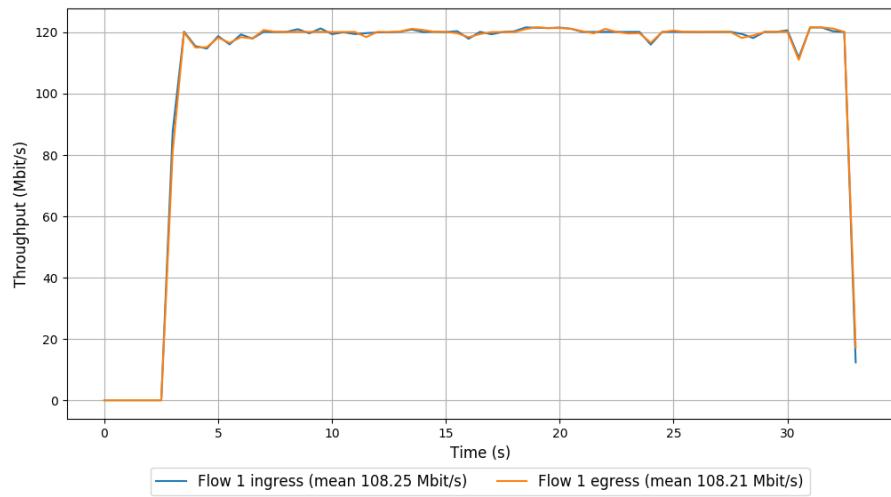


Run 5: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 00:43:16 +0000
End at: Fri, 16 Jun 2017 00:43:46 +0000
Local clock offset: 2.065 ms
Remote clock offset: -1.849 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.21 Mbit/s
95th percentile per-packet one-way delay: 23.134 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 108.21 Mbit/s
95th percentile per-packet one-way delay: 23.134 ms
Loss rate: 0.05%
```

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Fri, 16 Jun 2017 01:02:45 +0000

End at: Fri, 16 Jun 2017 01:03:15 +0000

Local clock offset: 1.827 ms

Remote clock offset: -2.432 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:35:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.48 Mbit/s

95th percentile per-packet one-way delay: 23.389 ms

Loss rate: 0.05%

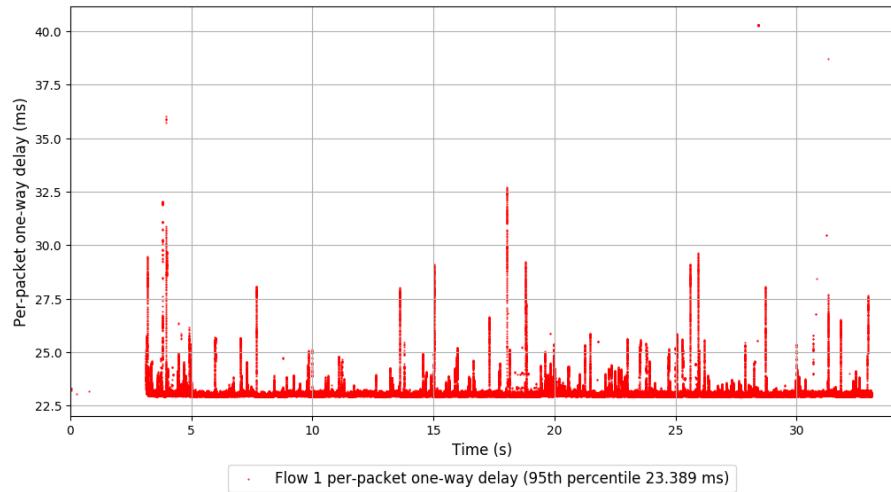
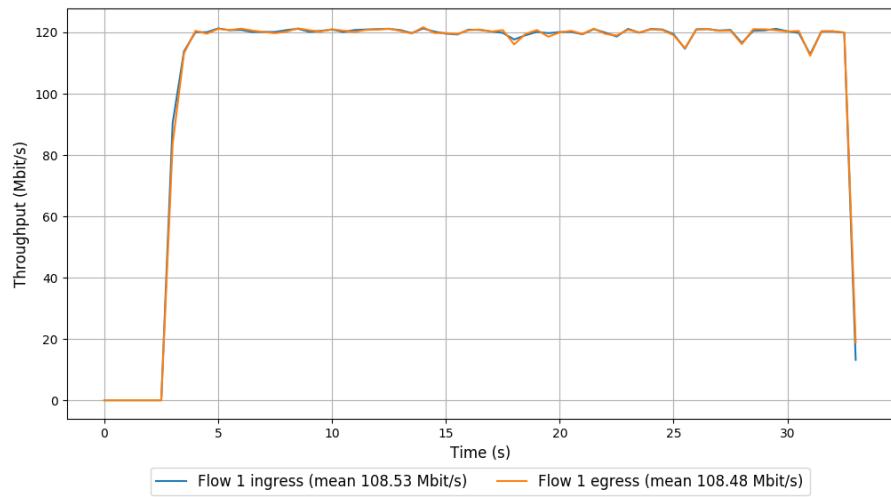
-- Flow 1:

Average throughput: 108.48 Mbit/s

95th percentile per-packet one-way delay: 23.389 ms

Loss rate: 0.05%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 16 Jun 2017 01:22:09 +0000

End at: Fri, 16 Jun 2017 01:22:39 +0000

Local clock offset: 4.303 ms

Remote clock offset: -2.296 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:35:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.69 Mbit/s

95th percentile per-packet one-way delay: 26.043 ms

Loss rate: 0.06%

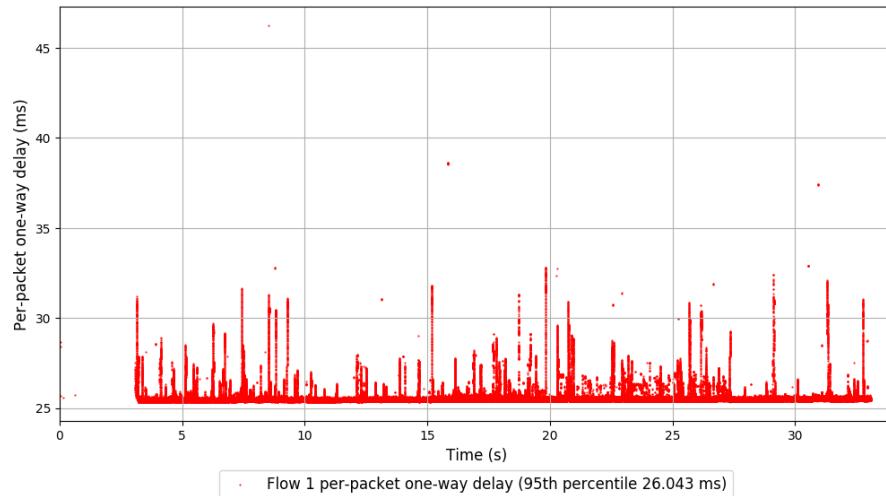
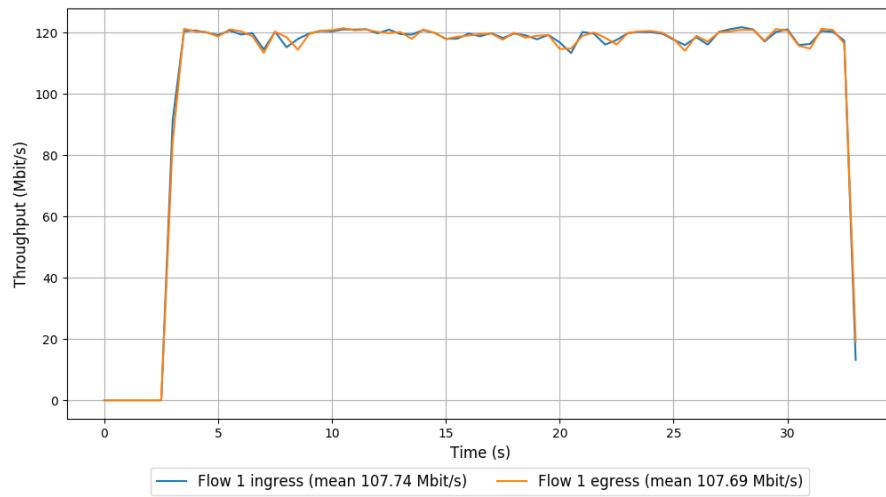
-- Flow 1:

Average throughput: 107.69 Mbit/s

95th percentile per-packet one-way delay: 26.043 ms

Loss rate: 0.06%

Run 7: Report of Saturator — Data Link

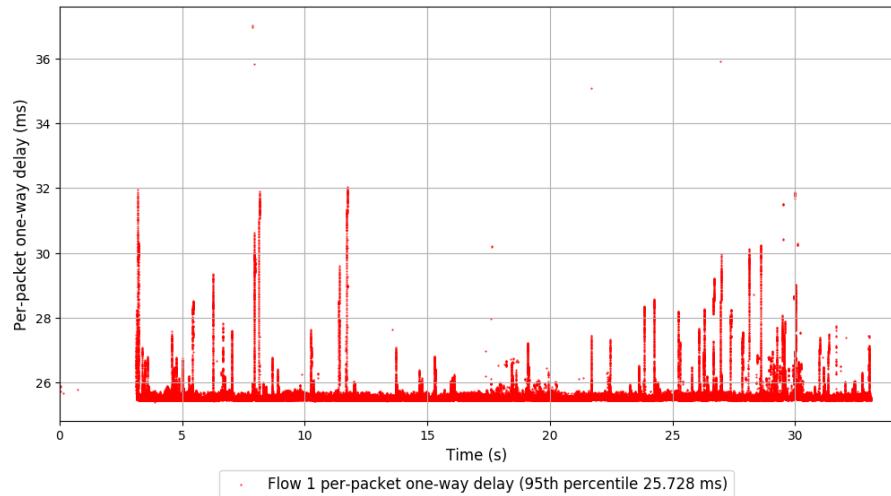
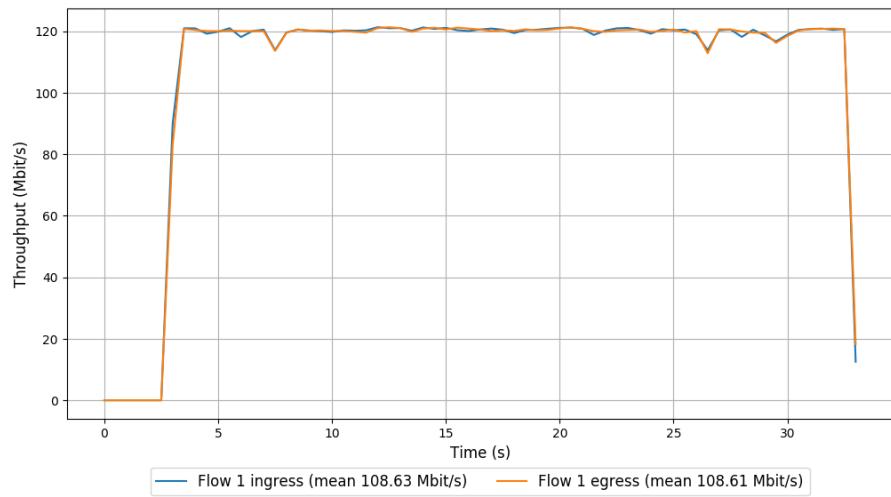


Run 8: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 01:41:45 +0000
End at: Fri, 16 Jun 2017 01:42:15 +0000
Local clock offset: 4.19 ms
Remote clock offset: -2.528 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.61 Mbit/s
95th percentile per-packet one-way delay: 25.728 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 108.61 Mbit/s
95th percentile per-packet one-way delay: 25.728 ms
Loss rate: 0.01%
```

Run 8: Report of Saturator — Data Link

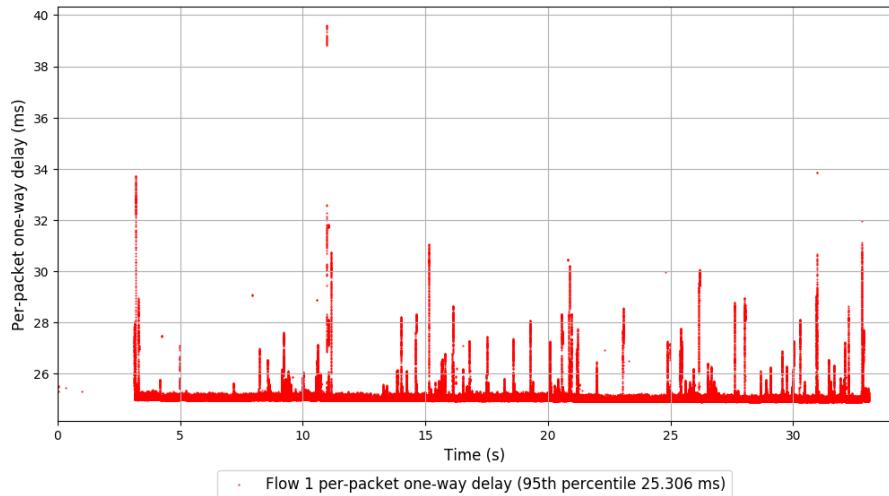
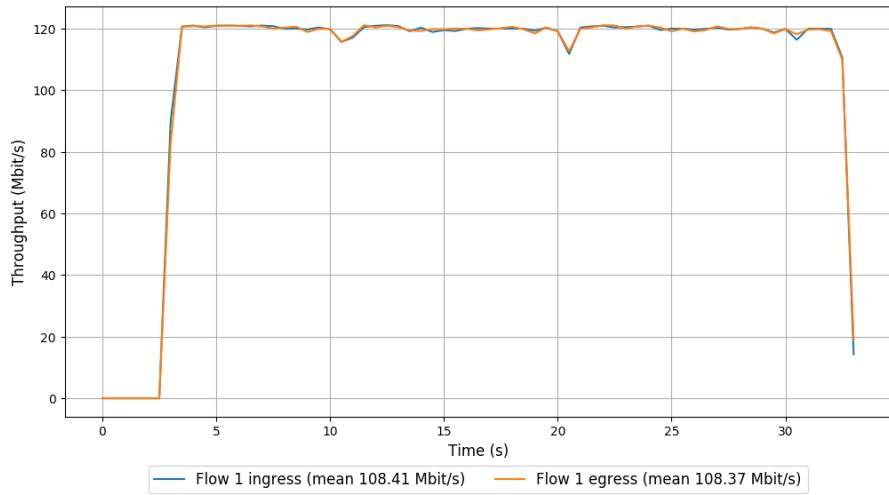


Run 9: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:01:22 +0000
End at: Fri, 16 Jun 2017 02:01:52 +0000
Local clock offset: 3.484 ms
Remote clock offset: -2.875 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.37 Mbit/s
95th percentile per-packet one-way delay: 25.306 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 108.37 Mbit/s
95th percentile per-packet one-way delay: 25.306 ms
Loss rate: 0.05%
```

Run 9: Report of Saturator — Data Link

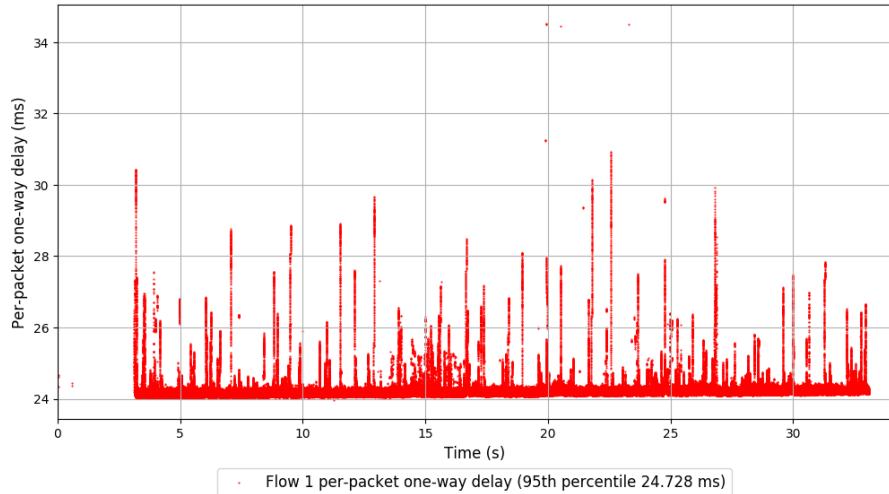
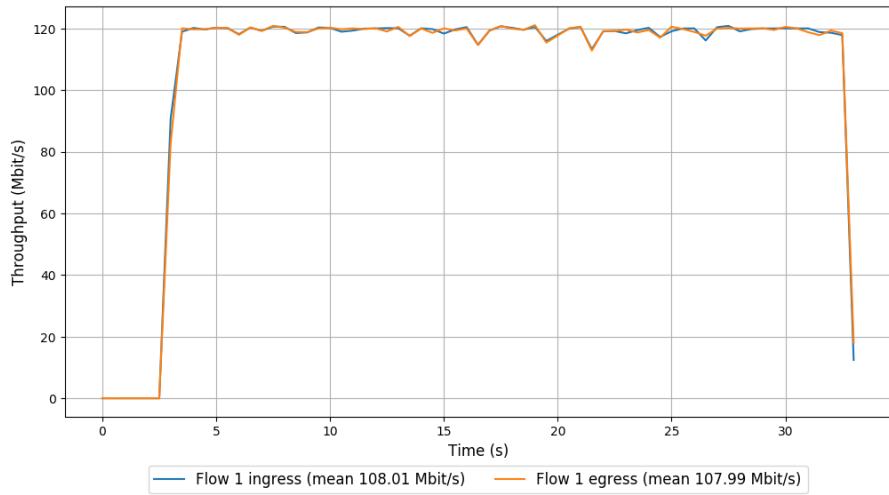


Run 10: Statistics of Saturator

```
Start at: Fri, 16 Jun 2017 02:20:49 +0000
End at: Fri, 16 Jun 2017 02:21:19 +0000
Local clock offset: 1.99 ms
Remote clock offset: -3.251 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: 24.728 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: 24.728 ms
Loss rate: 0.02%
```

Run 10: Report of Saturator — Data Link



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

```
Start at: Thu, 15 Jun 2017 23:27:30 +0000
```

```
End at: Thu, 15 Jun 2017 23:28:00 +0000
```

```
Local clock offset: 2.481 ms
```

```
Remote clock offset: -2.778 ms
```

```
# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.491 ms
```

```
Loss rate: 0.00%
```

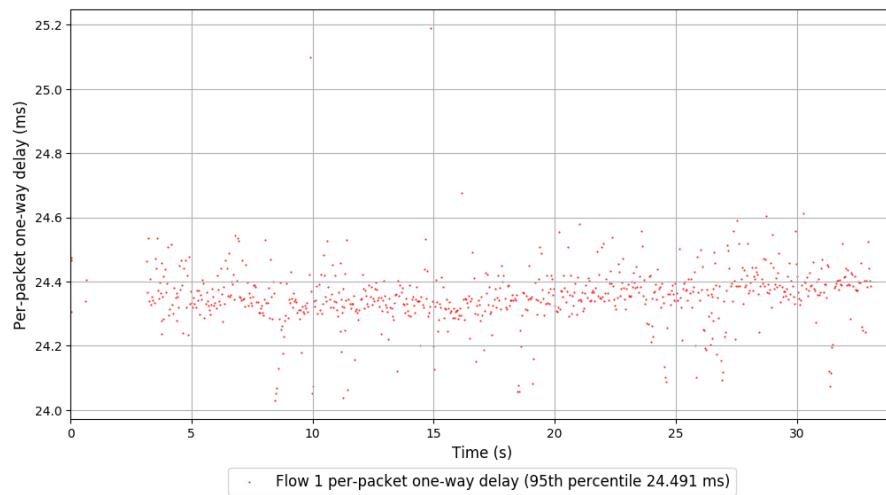
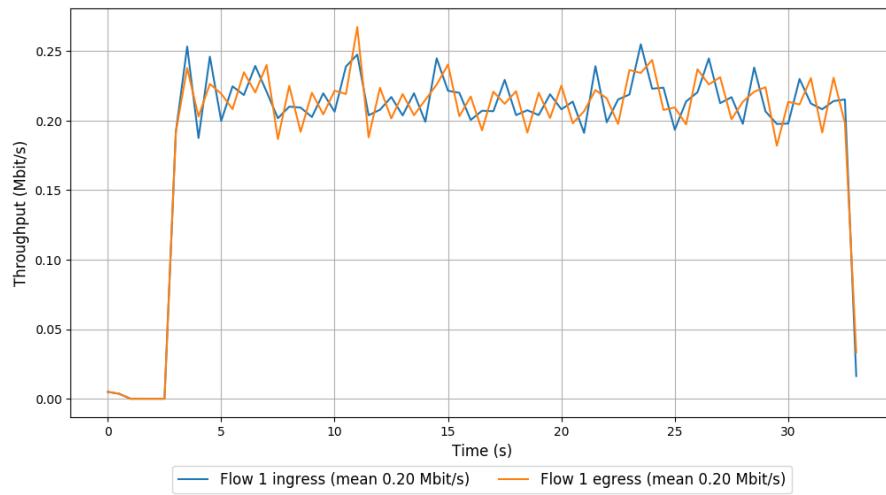
```
-- Flow 1:
```

```
Average throughput: 0.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.491 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

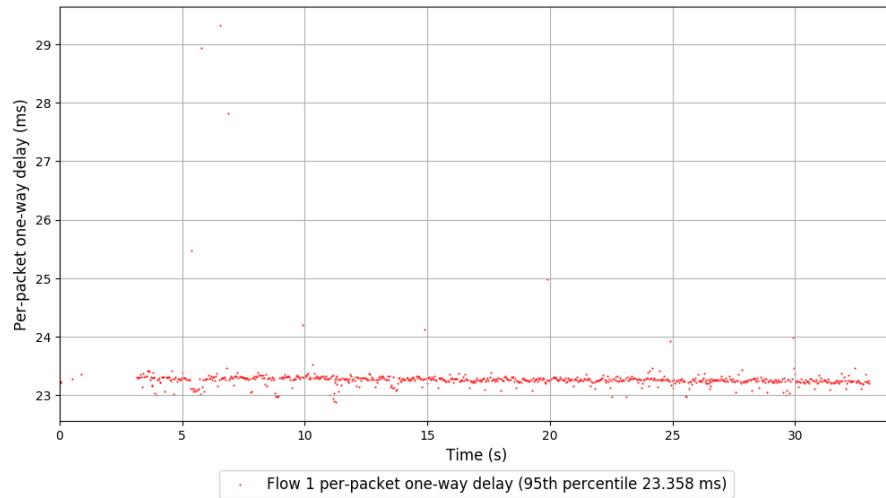
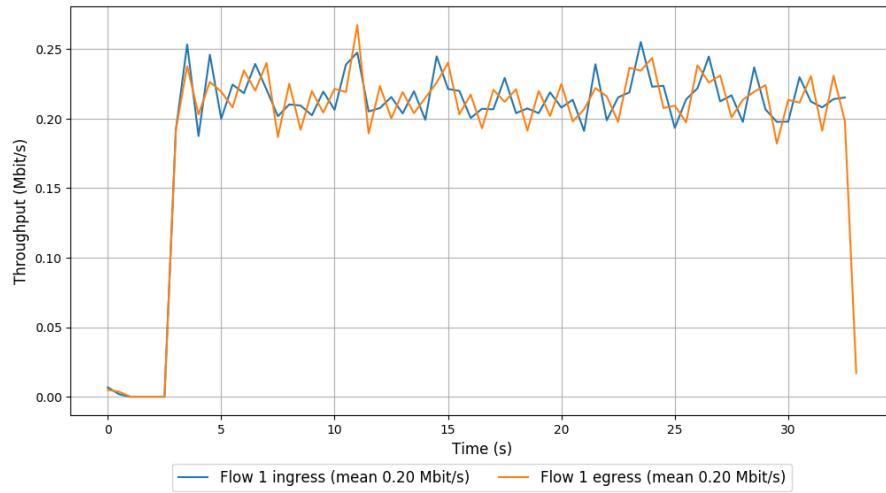


Run 2: Statistics of SCReAM

```
Start at: Thu, 15 Jun 2017 23:47:06 +0000
End at: Thu, 15 Jun 2017 23:47:36 +0000
Local clock offset: 1.881 ms
Remote clock offset: -2.409 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.358 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

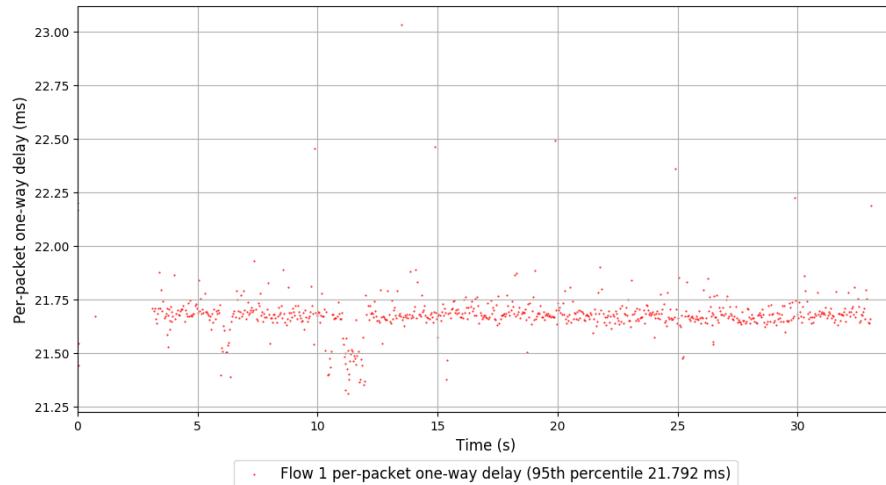
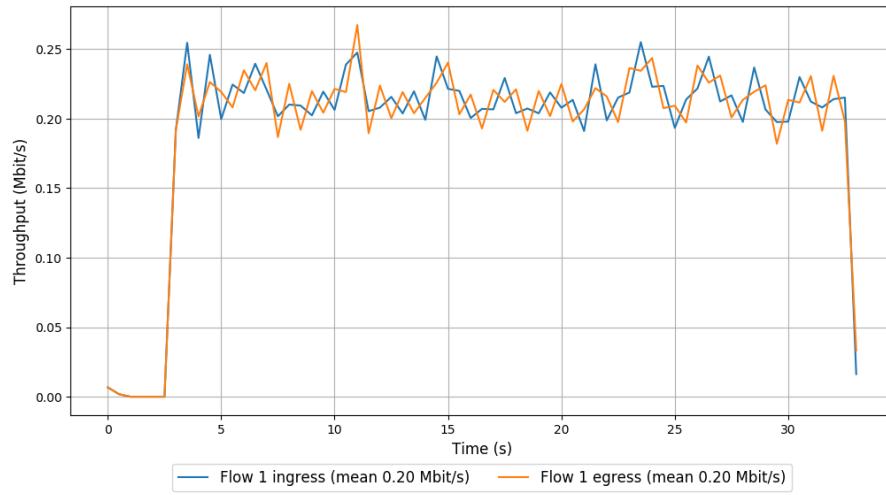


Run 3: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:06:37 +0000
End at: Fri, 16 Jun 2017 00:07:07 +0000
Local clock offset: 0.655 ms
Remote clock offset: -2.024 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.792 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

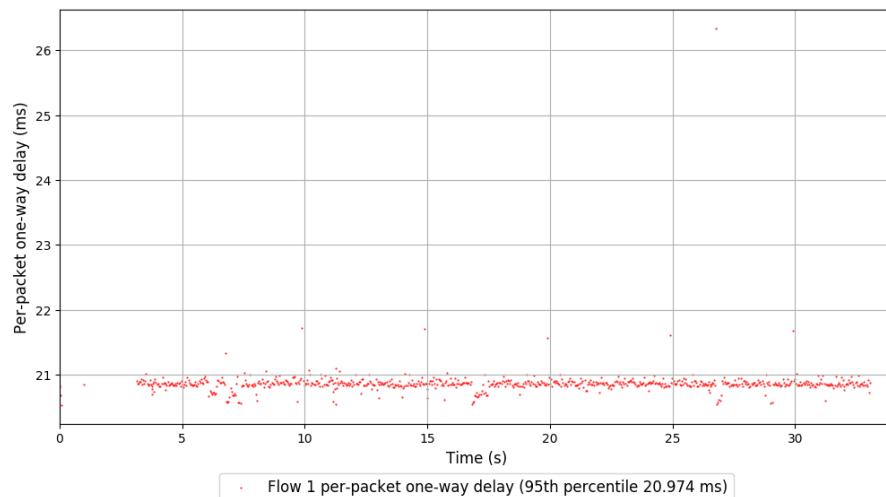
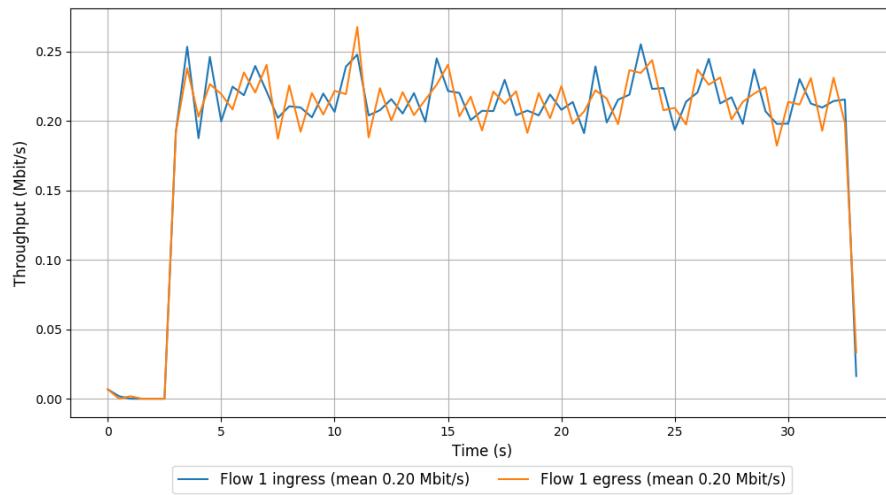


Run 4: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:26:07 +0000
End at: Fri, 16 Jun 2017 00:26:37 +0000
Local clock offset: -0.063 ms
Remote clock offset: -1.855 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.974 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

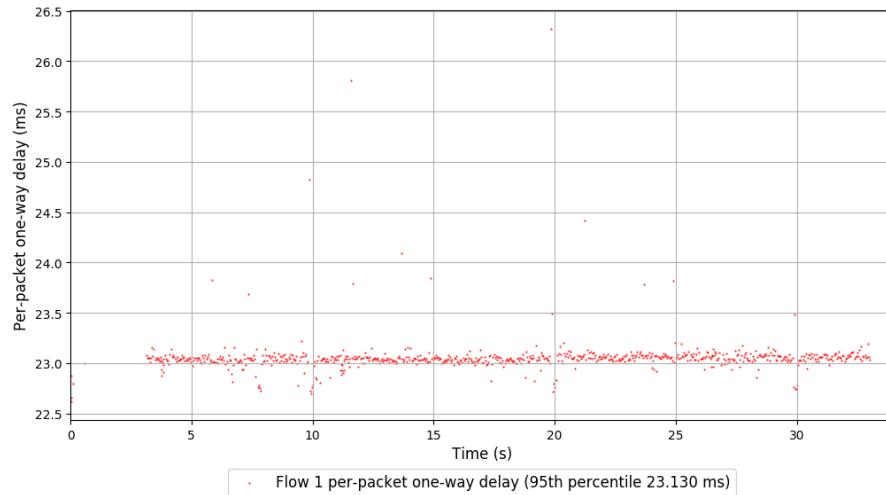
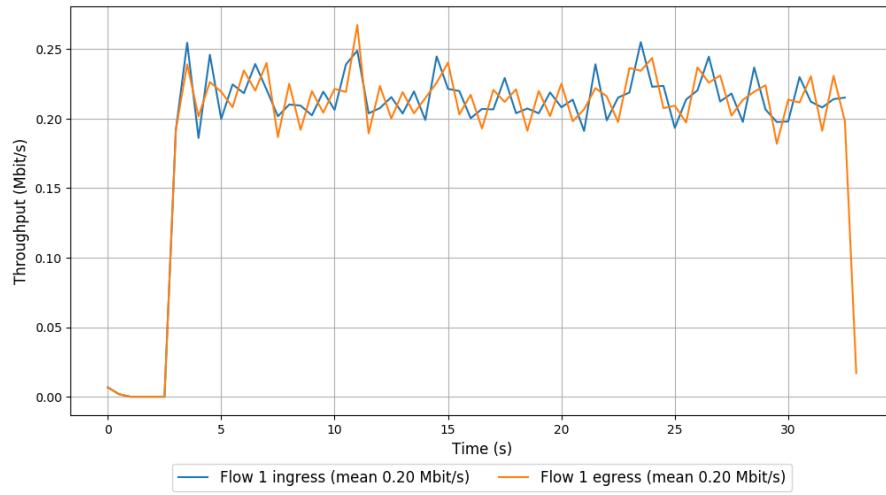


Run 5: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 00:45:43 +0000
End at: Fri, 16 Jun 2017 00:46:13 +0000
Local clock offset: 2.056 ms
Remote clock offset: -1.891 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.130 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

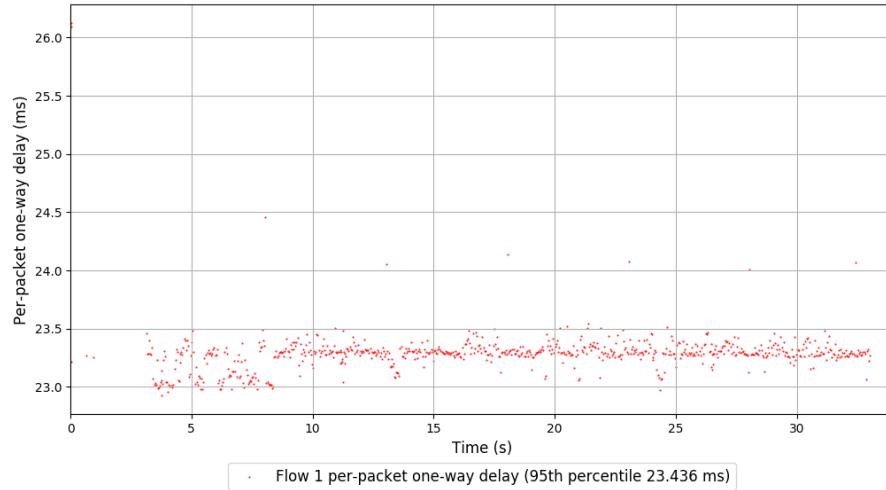
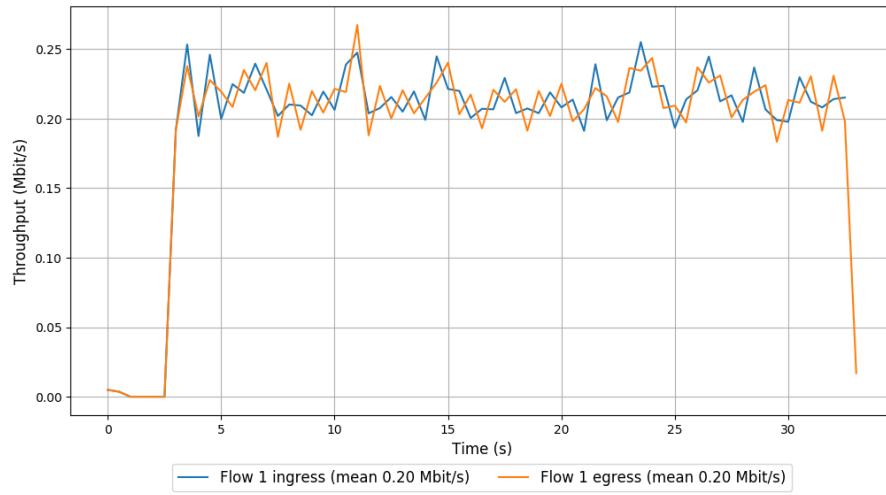


Run 6: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:05:12 +0000
End at: Fri, 16 Jun 2017 01:05:42 +0000
Local clock offset: 1.861 ms
Remote clock offset: -2.413 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.436 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.436 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

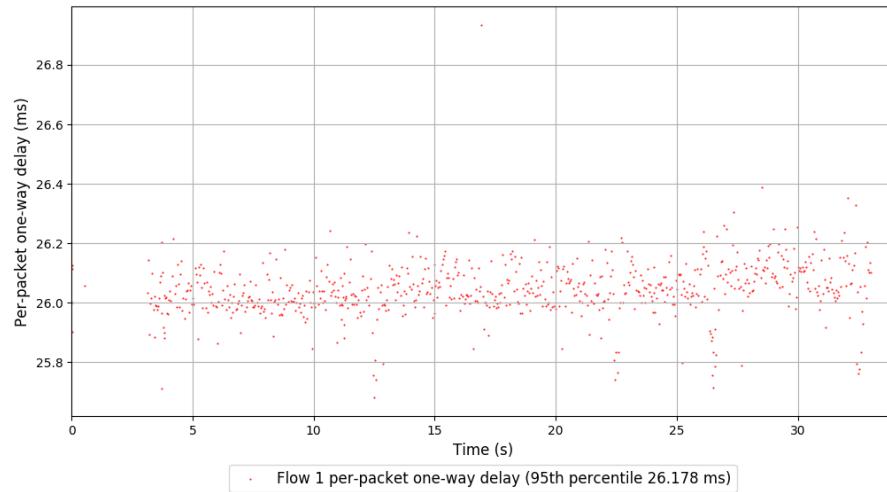
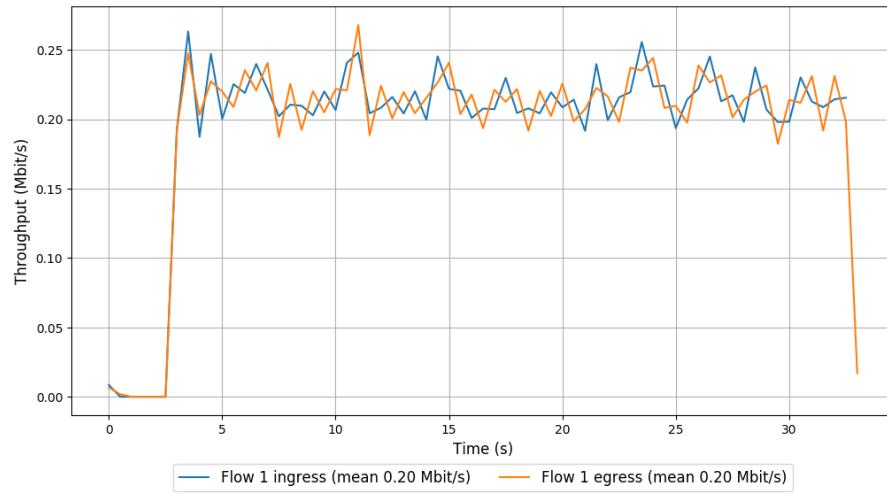


Run 7: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:24:36 +0000
End at: Fri, 16 Jun 2017 01:25:06 +0000
Local clock offset: 4.574 ms
Remote clock offset: -2.284 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 26.178 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

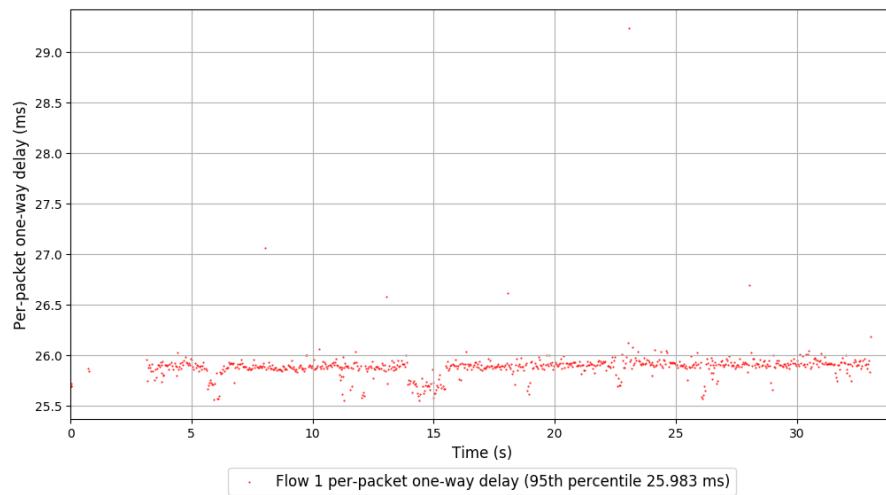
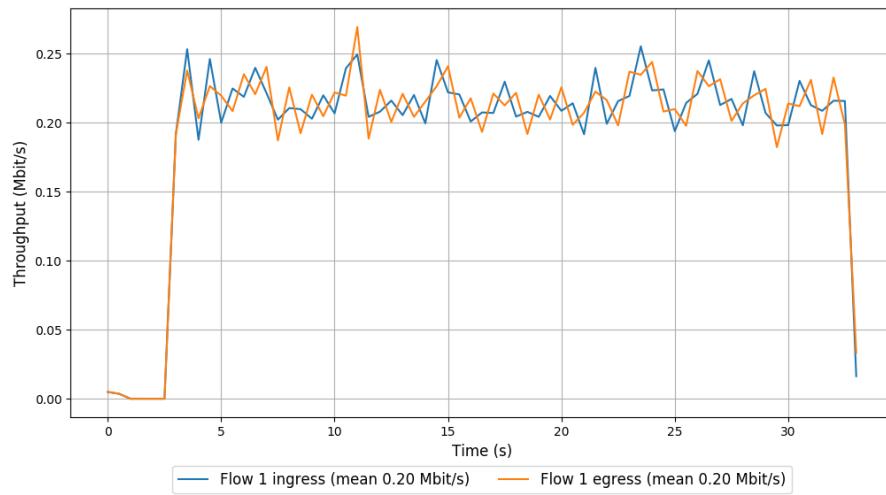


Run 8: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 01:44:12 +0000
End at: Fri, 16 Jun 2017 01:44:42 +0000
Local clock offset: 4.091 ms
Remote clock offset: -2.689 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.983 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

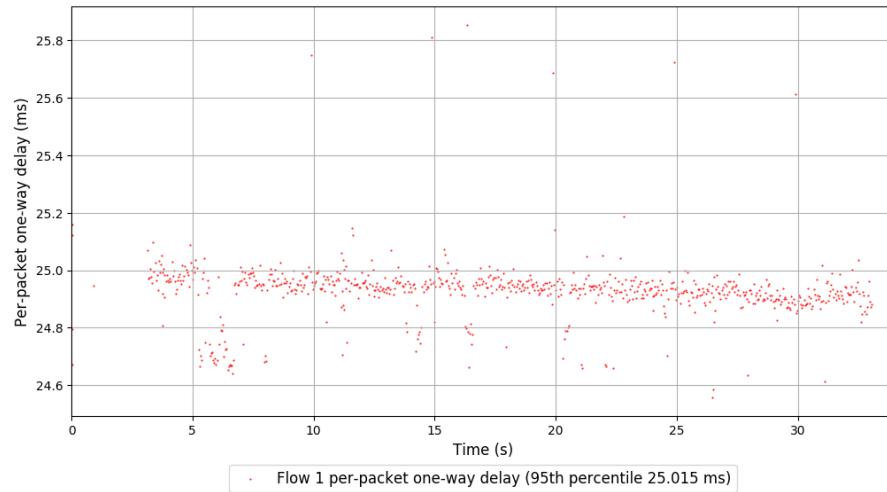
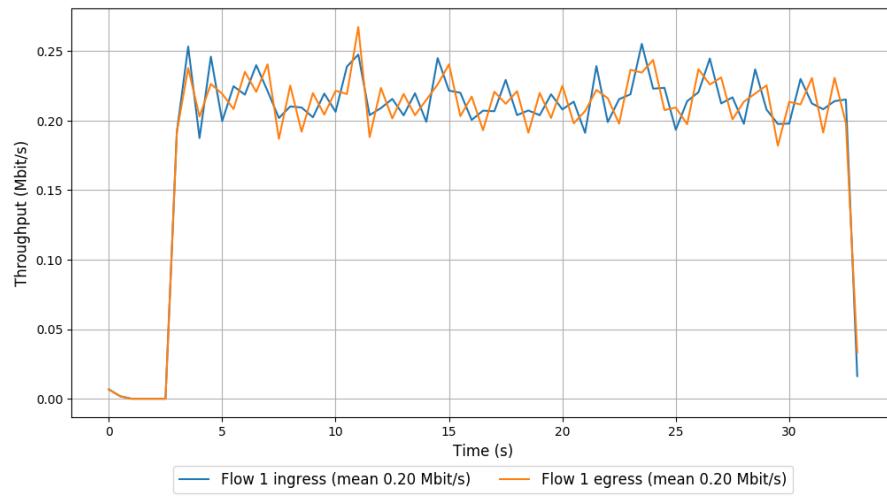


Run 9: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:03:49 +0000
End at: Fri, 16 Jun 2017 02:04:19 +0000
Local clock offset: 3.207 ms
Remote clock offset: -2.79 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.015 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

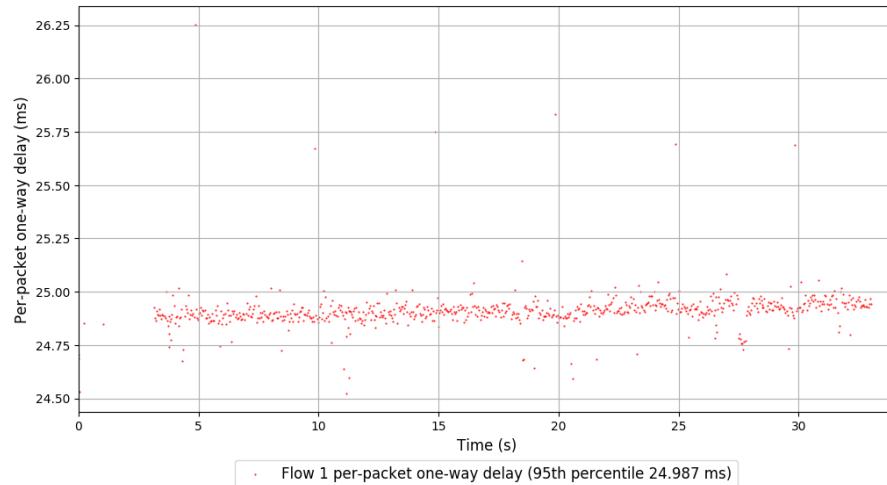
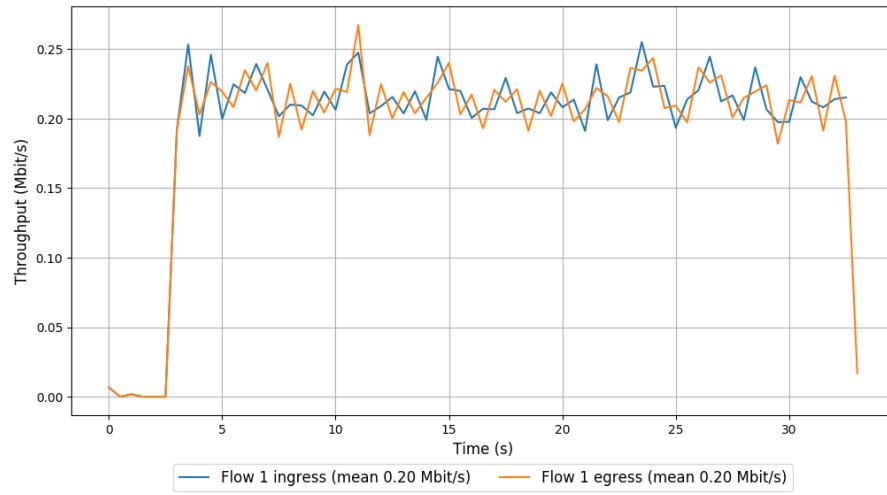


Run 10: Statistics of SCReAM

```
Start at: Fri, 16 Jun 2017 02:23:16 +0000
End at: Fri, 16 Jun 2017 02:23:46 +0000
Local clock offset: 2.402 ms
Remote clock offset: -3.213 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.987 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

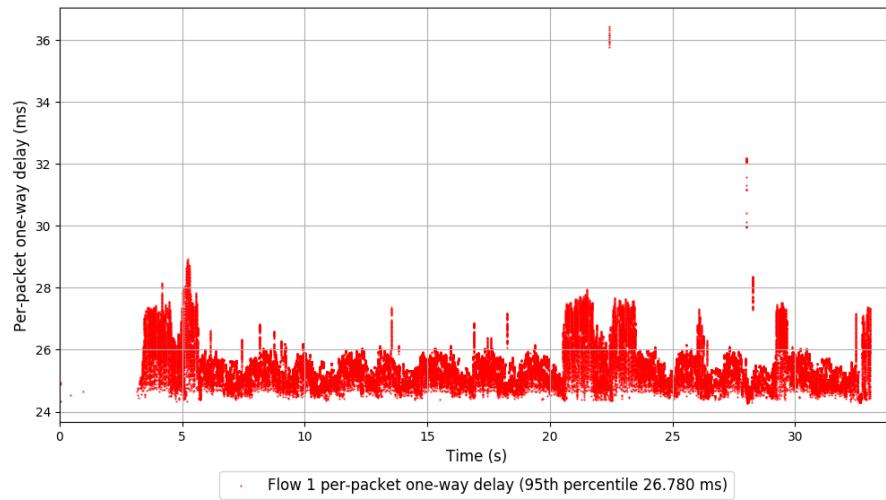
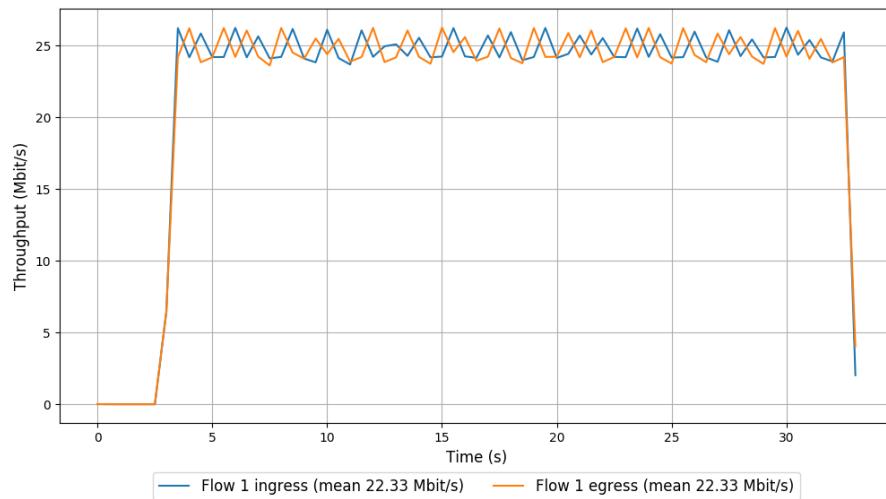


Run 1: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:21:11 +0000
End at: Thu, 15 Jun 2017 23:21:41 +0000
Local clock offset: 2.973 ms
Remote clock offset: -2.675 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 26.780 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 26.780 ms
Loss rate: 0.01%
```

Run 1: Report of Sprout — Data Link

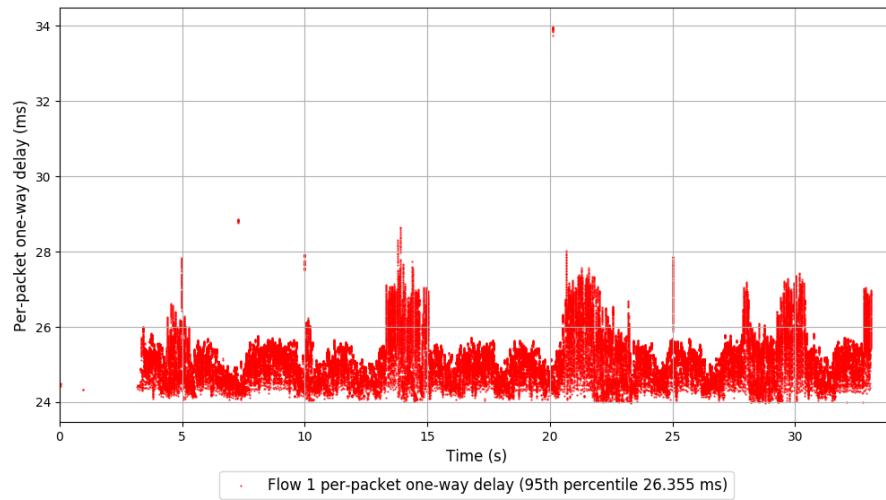
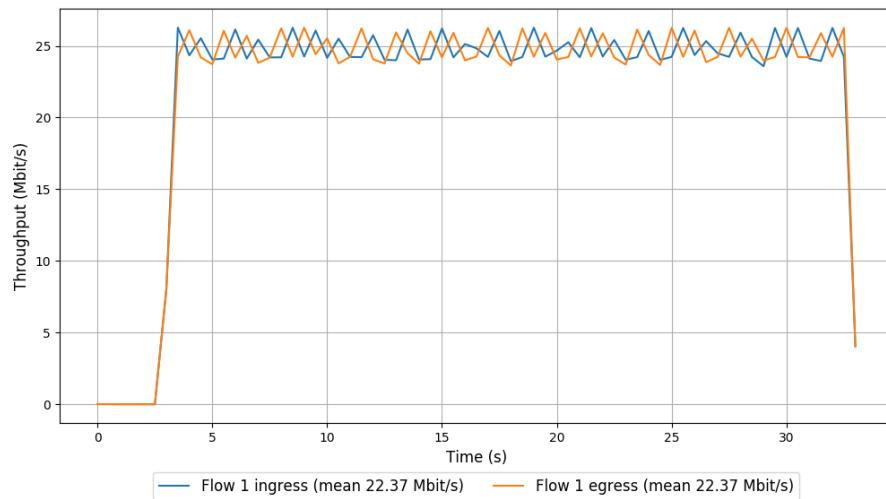


Run 2: Statistics of Sprout

```
Start at: Thu, 15 Jun 2017 23:40:42 +0000
End at: Thu, 15 Jun 2017 23:41:12 +0000
Local clock offset: 2.717 ms
Remote clock offset: -2.63 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 26.355 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 26.355 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

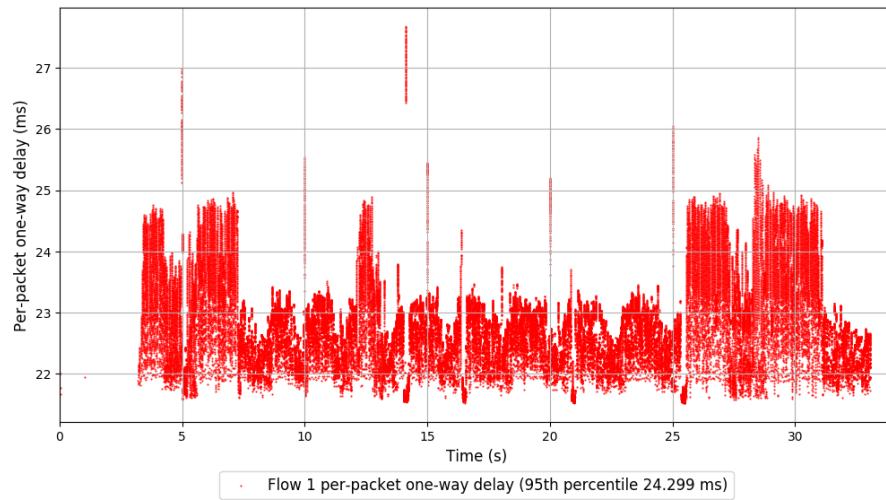
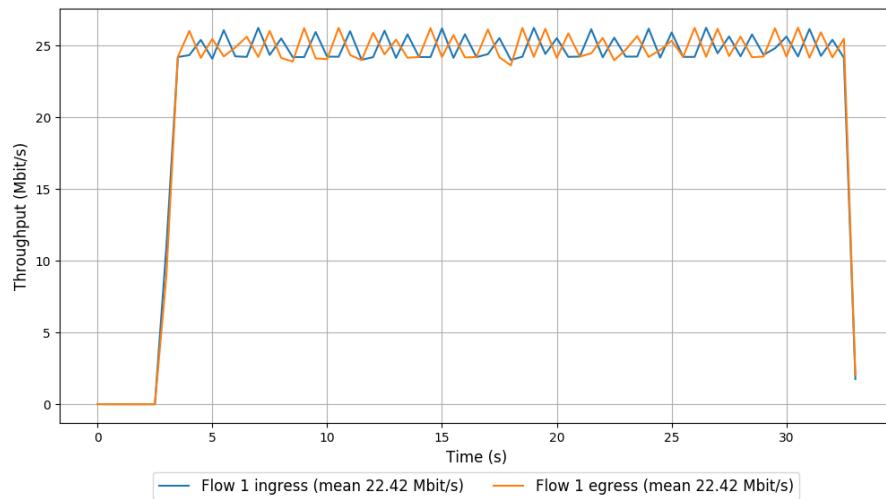


Run 3: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:00:13 +0000
End at: Fri, 16 Jun 2017 00:00:43 +0000
Local clock offset: 0.776 ms
Remote clock offset: -2.16 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 24.299 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 24.299 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

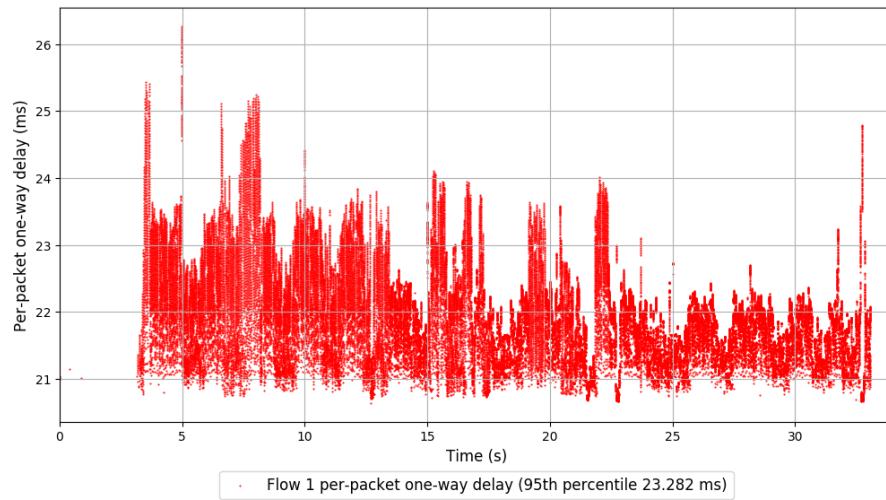
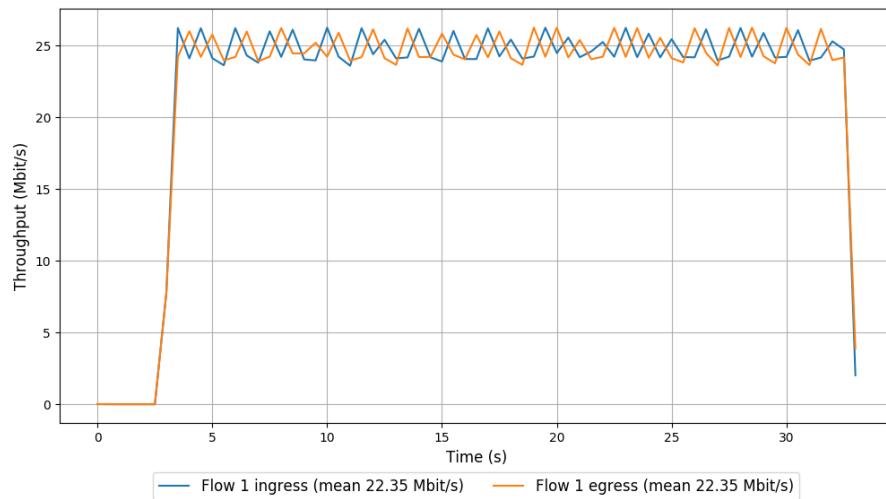


Run 4: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:19:46 +0000
End at: Fri, 16 Jun 2017 00:20:16 +0000
Local clock offset: 0.015 ms
Remote clock offset: -1.868 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:35:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 23.282 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 23.282 ms
Loss rate: 0.01%
```

Run 4: Report of Sprout — Data Link

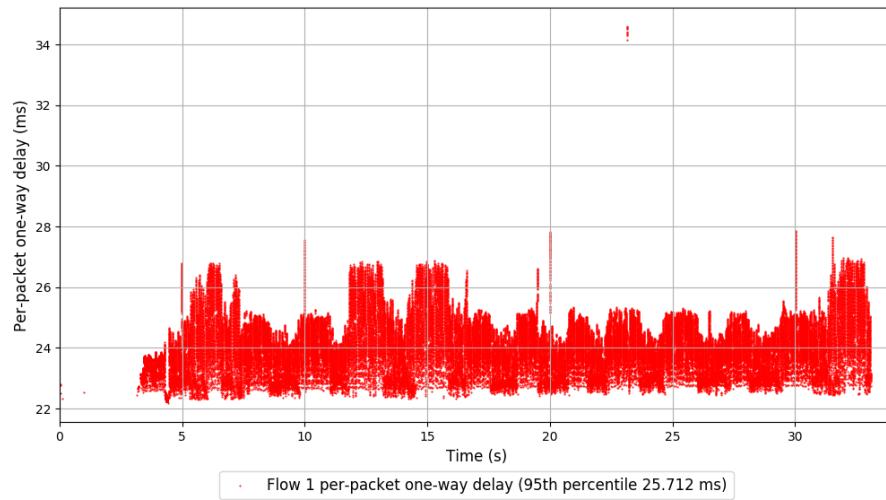
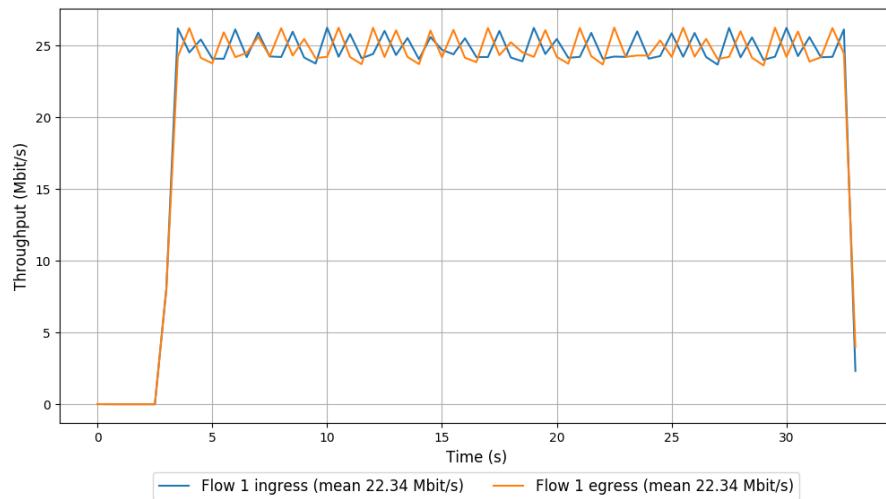


Run 5: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:39:17 +0000
End at: Fri, 16 Jun 2017 00:39:47 +0000
Local clock offset: 1.531 ms
Remote clock offset: -1.787 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 25.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 25.712 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

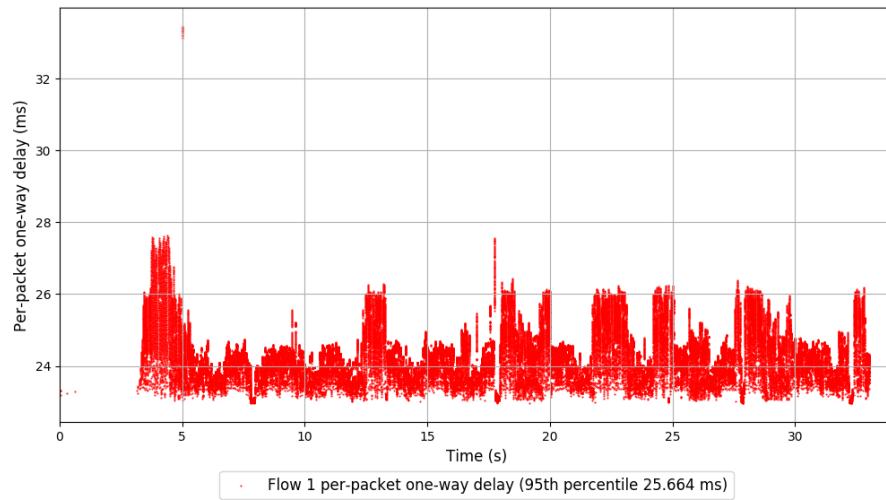
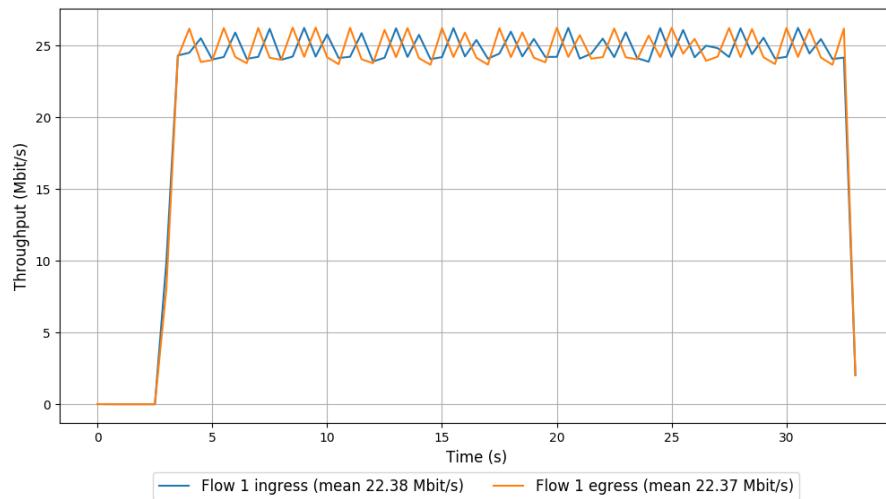


Run 6: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 00:58:46 +0000
End at: Fri, 16 Jun 2017 00:59:16 +0000
Local clock offset: 1.992 ms
Remote clock offset: -2.34 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 25.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 25.664 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

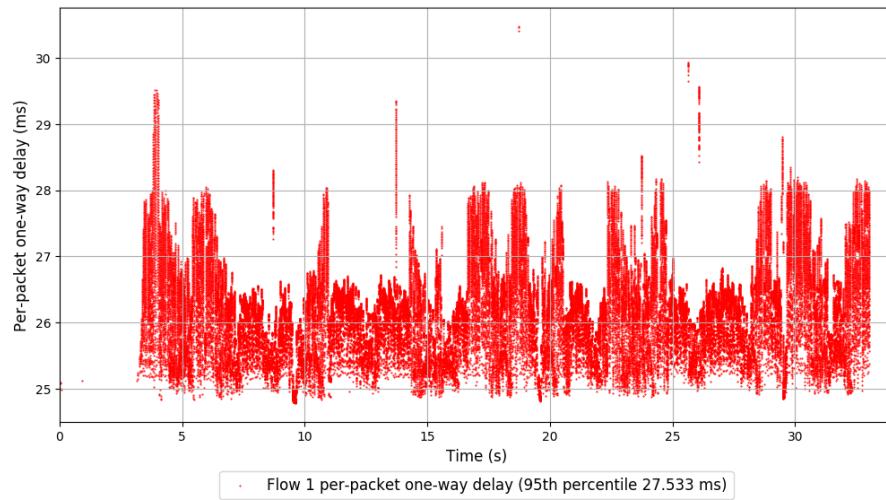
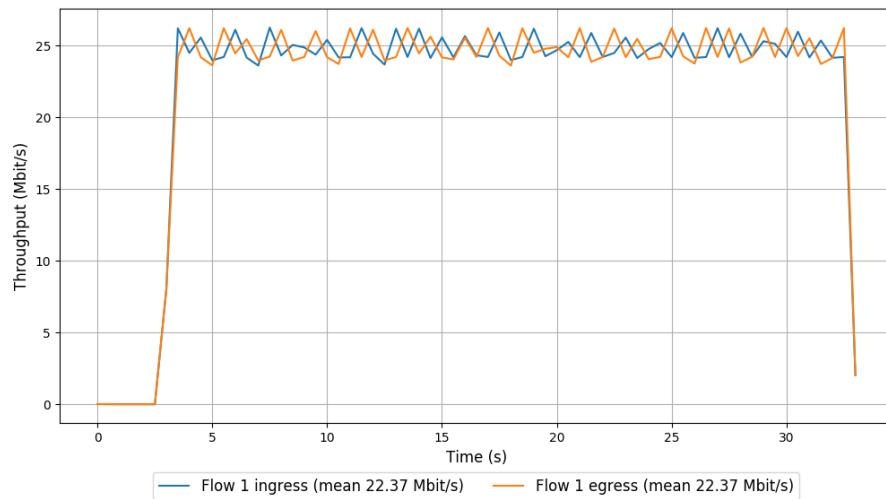


Run 7: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:18:14 +0000
End at: Fri, 16 Jun 2017 01:18:44 +0000
Local clock offset: 3.695 ms
Remote clock offset: -2.339 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 27.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 27.533 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

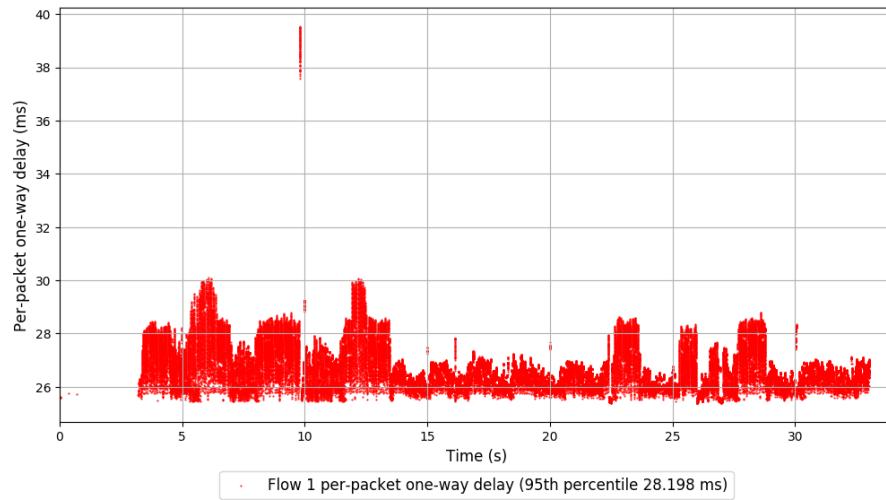
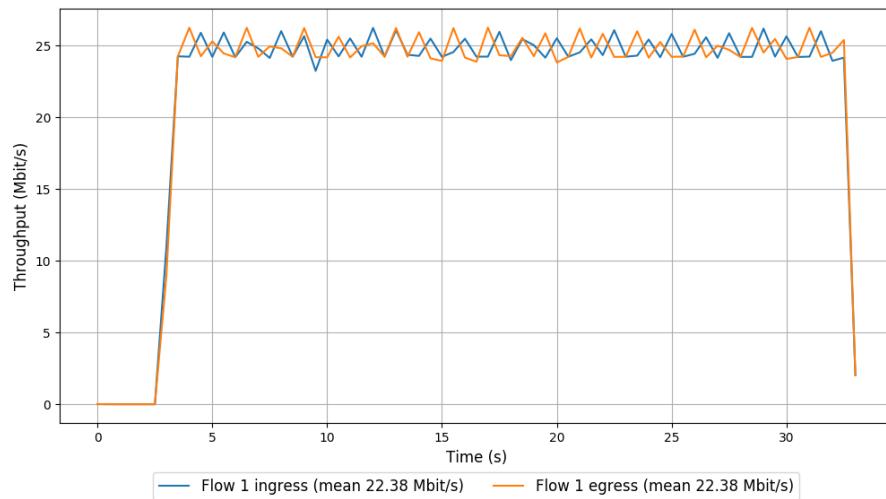


Run 8: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:37:47 +0000
End at: Fri, 16 Jun 2017 01:38:17 +0000
Local clock offset: 4.179 ms
Remote clock offset: -2.483 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 28.198 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 28.198 ms
Loss rate: 0.01%
```

Run 8: Report of Sprout — Data Link

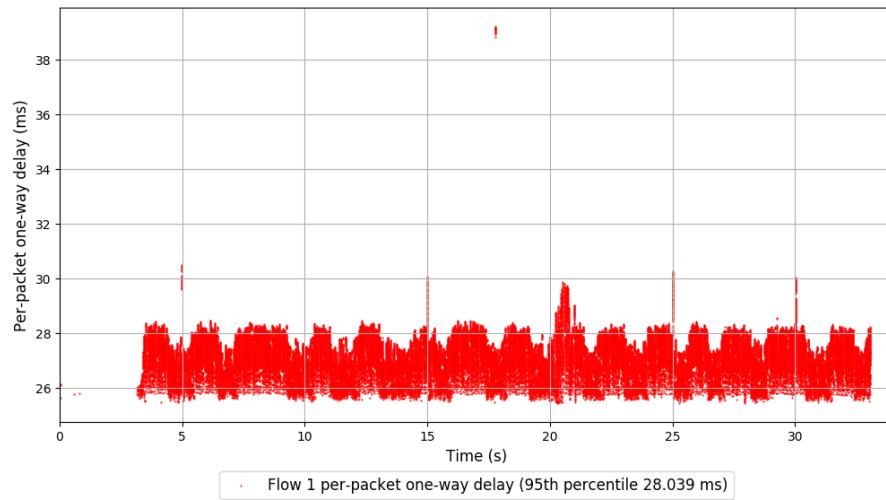
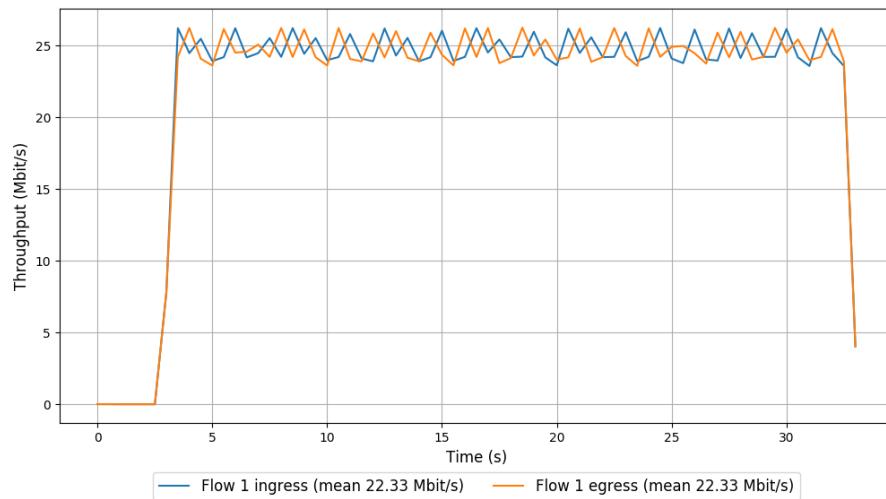


Run 9: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 01:57:25 +0000
End at: Fri, 16 Jun 2017 01:57:55 +0000
Local clock offset: 3.884 ms
Remote clock offset: -2.932 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 28.039 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 28.039 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

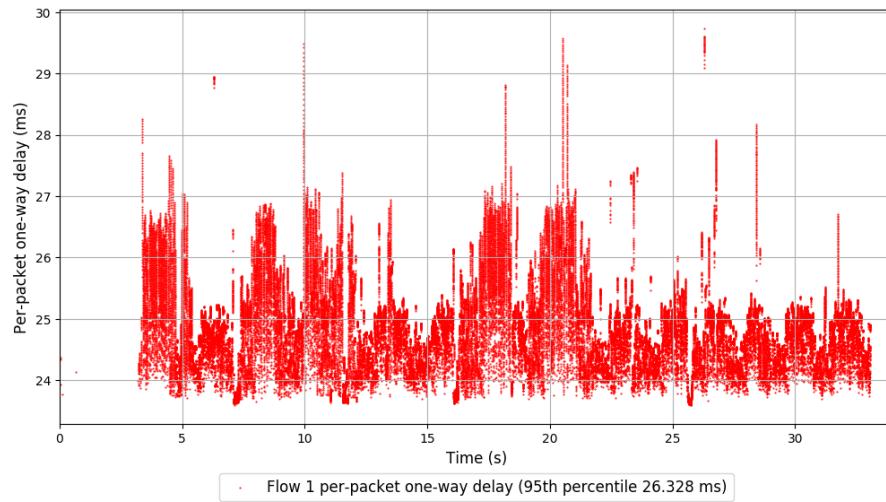
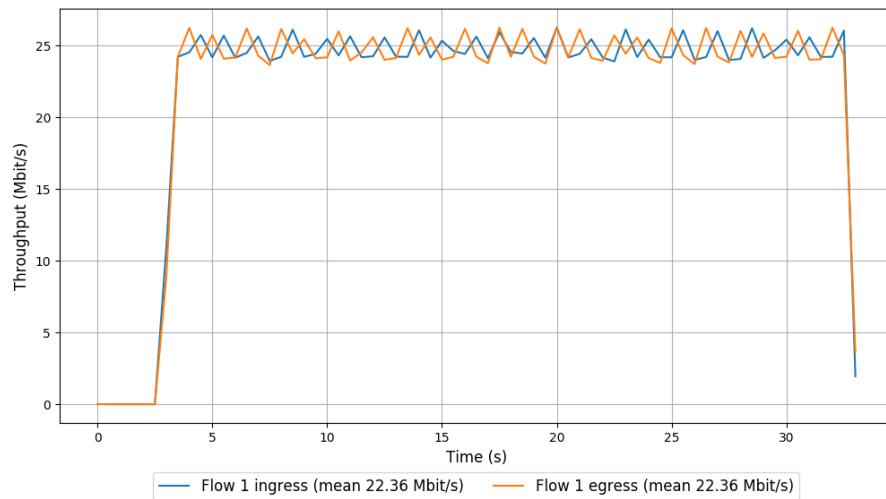


Run 10: Statistics of Sprout

```
Start at: Fri, 16 Jun 2017 02:16:53 +0000
End at: Fri, 16 Jun 2017 02:17:23 +0000
Local clock offset: 1.906 ms
Remote clock offset: -3.153 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:36:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 26.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 26.328 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

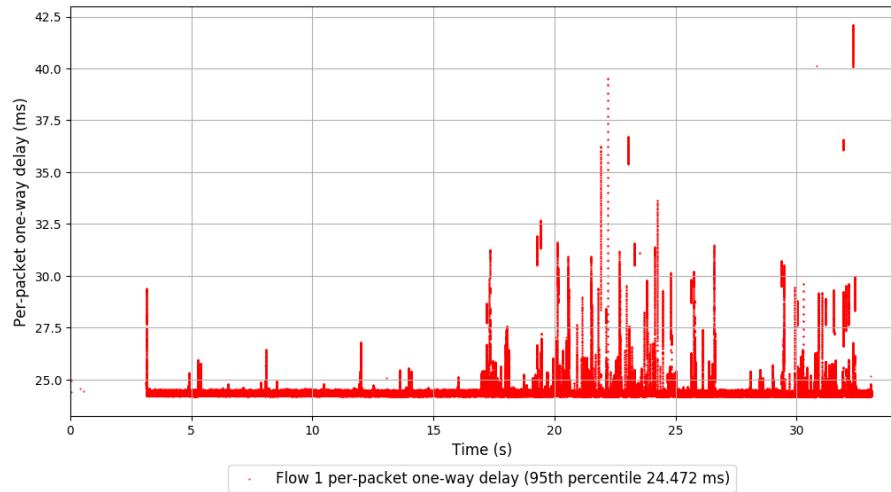
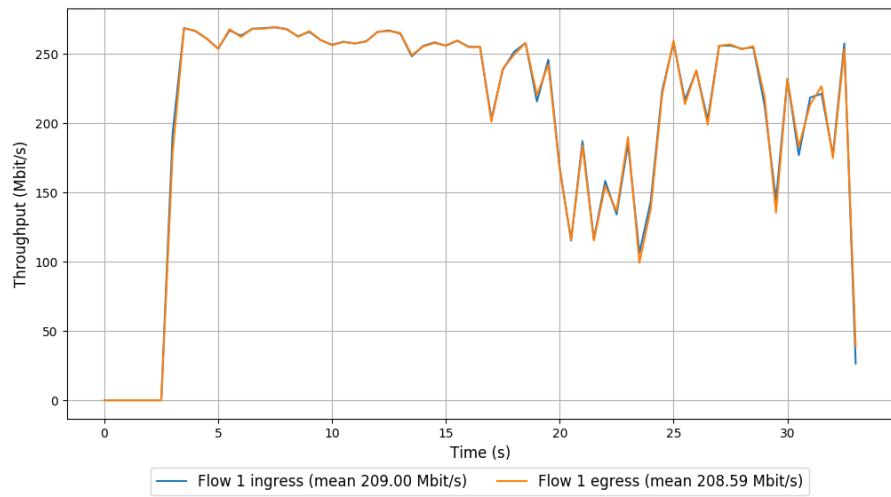


Run 1: Statistics of TaoVA-100x

```
Start at: Thu, 15 Jun 2017 23:22:21 +0000
End at: Thu, 15 Jun 2017 23:22:51 +0000
Local clock offset: 2.786 ms
Remote clock offset: -2.715 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:37:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 208.59 Mbit/s
95th percentile per-packet one-way delay: 24.472 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 208.59 Mbit/s
95th percentile per-packet one-way delay: 24.472 ms
Loss rate: 0.20%
```

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

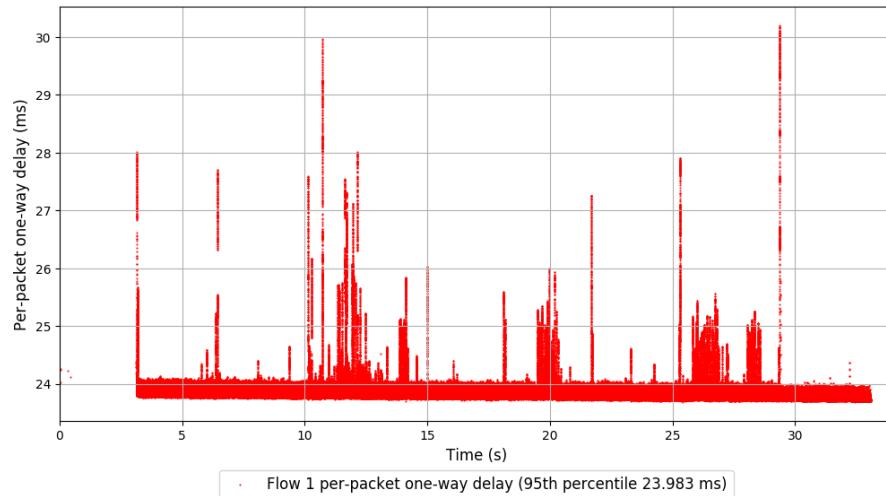
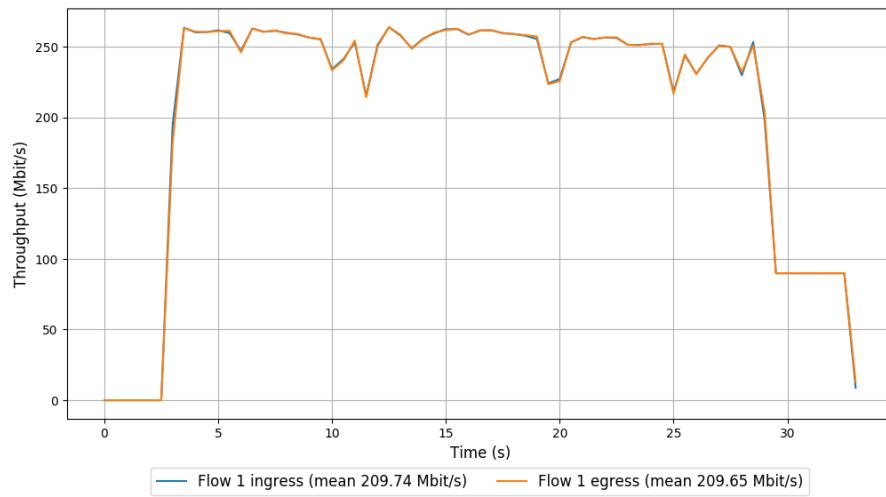


Run 2: Statistics of TaoVA-100x

```
Start at: Thu, 15 Jun 2017 23:41:52 +0000
End at: Thu, 15 Jun 2017 23:42:22 +0000
Local clock offset: 2.576 ms
Remote clock offset: -2.59 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:37:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 209.65 Mbit/s
95th percentile per-packet one-way delay: 23.983 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 209.65 Mbit/s
95th percentile per-packet one-way delay: 23.983 ms
Loss rate: 0.04%
```

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

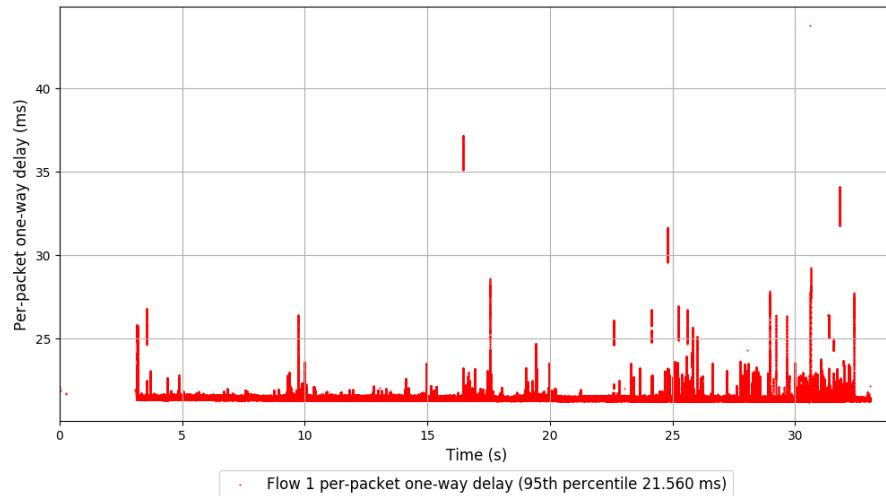
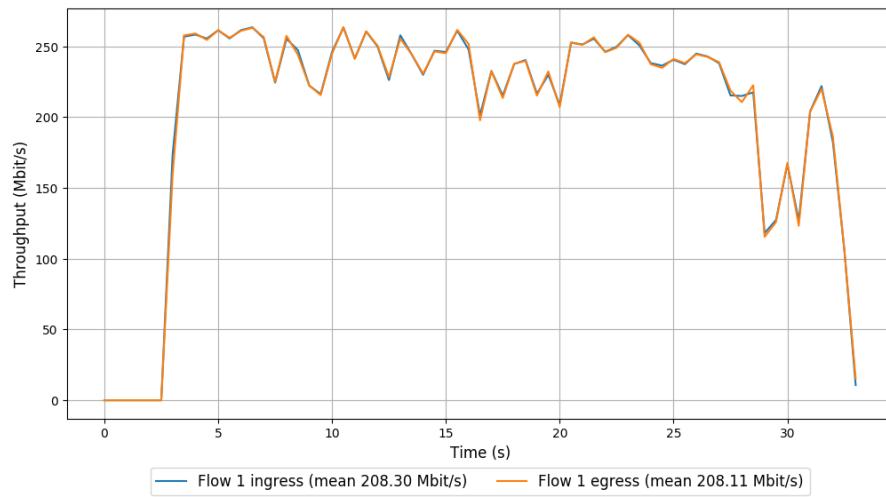


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:01:24 +0000
End at: Fri, 16 Jun 2017 00:01:54 +0000
Local clock offset: 0.581 ms
Remote clock offset: -2.04 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:37:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 208.11 Mbit/s
95th percentile per-packet one-way delay: 21.560 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 208.11 Mbit/s
95th percentile per-packet one-way delay: 21.560 ms
Loss rate: 0.10%
```

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

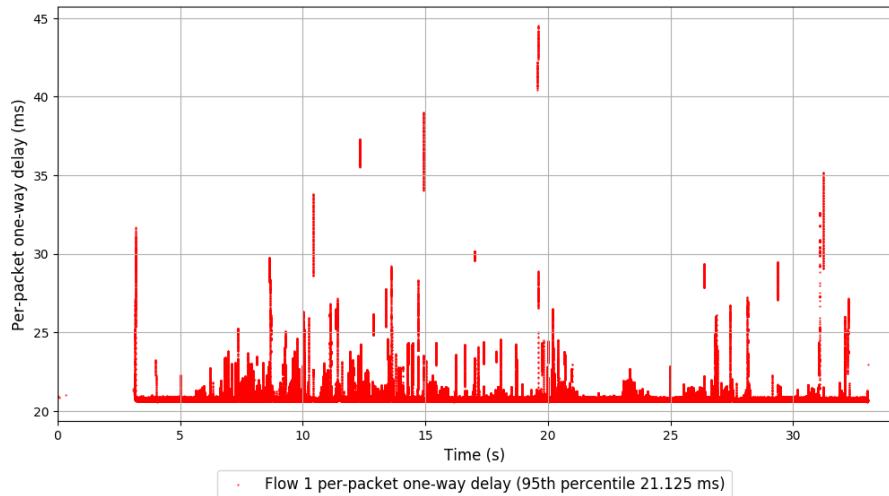
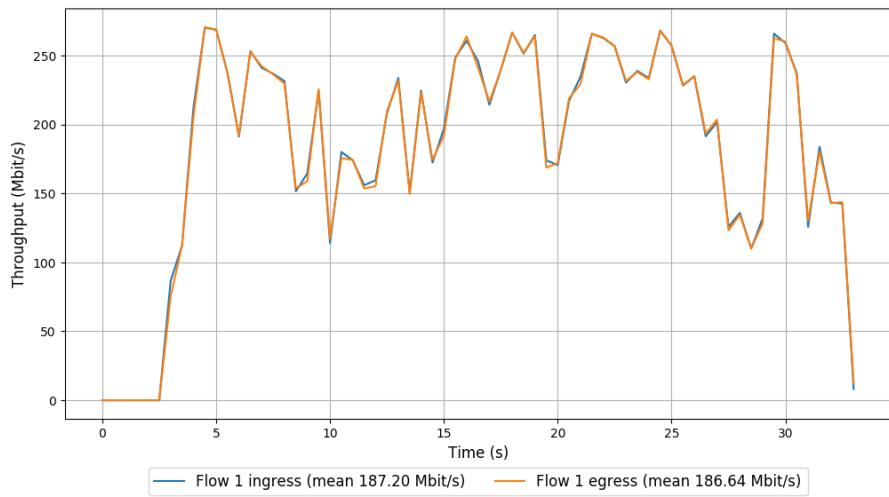


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:20:56 +0000
End at: Fri, 16 Jun 2017 00:21:26 +0000
Local clock offset: 0.017 ms
Remote clock offset: -1.859 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:37:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 186.64 Mbit/s
95th percentile per-packet one-way delay: 21.125 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 186.64 Mbit/s
95th percentile per-packet one-way delay: 21.125 ms
Loss rate: 0.35%
```

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

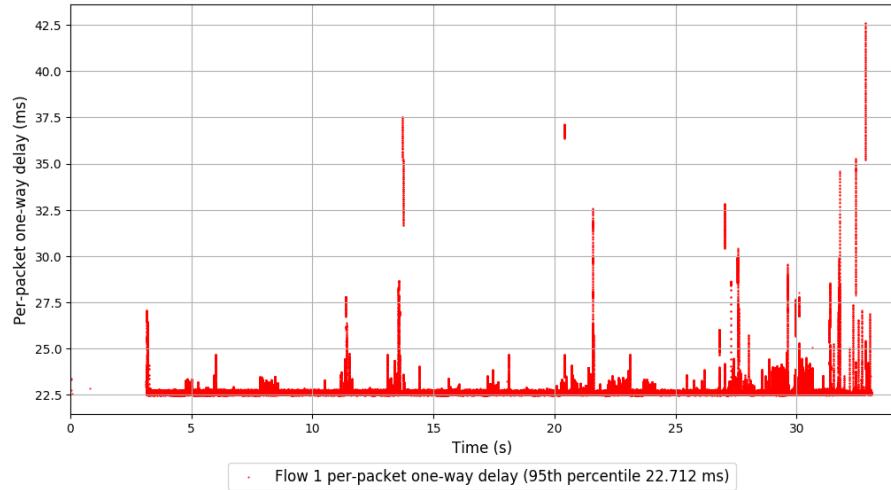
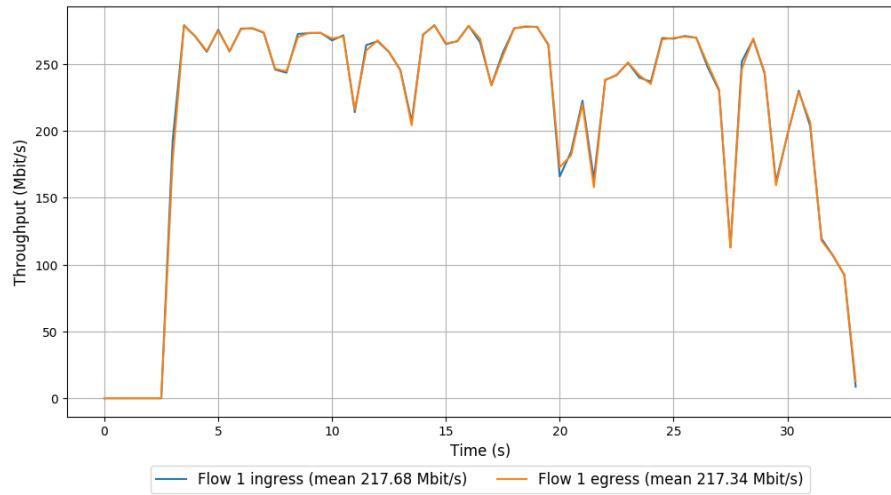


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 00:40:27 +0000
End at: Fri, 16 Jun 2017 00:40:57 +0000
Local clock offset: 1.967 ms
Remote clock offset: -1.845 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:38:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.34 Mbit/s
95th percentile per-packet one-way delay: 22.712 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 217.34 Mbit/s
95th percentile per-packet one-way delay: 22.712 ms
Loss rate: 0.16%
```

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



Run 6: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 00:59:56 +0000

End at: Fri, 16 Jun 2017 01:00:26 +0000

Local clock offset: 1.964 ms

Remote clock offset: -2.319 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:38:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.96 Mbit/s

95th percentile per-packet one-way delay: 23.179 ms

Loss rate: 0.10%

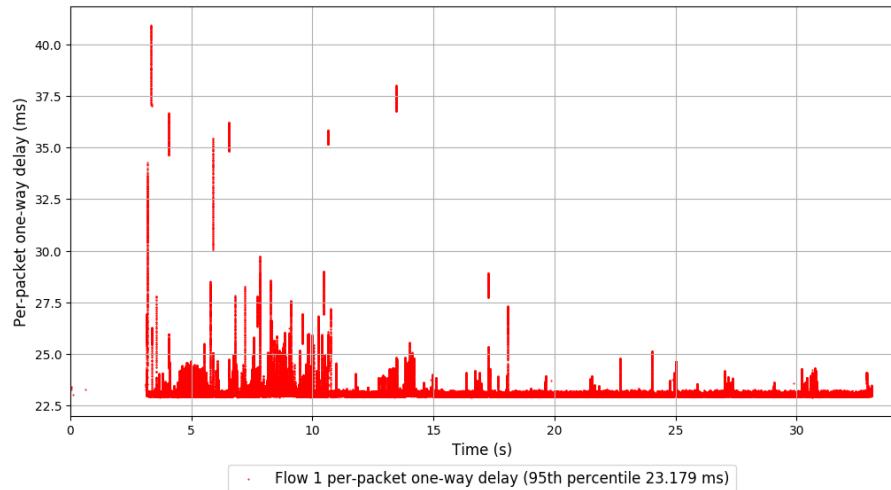
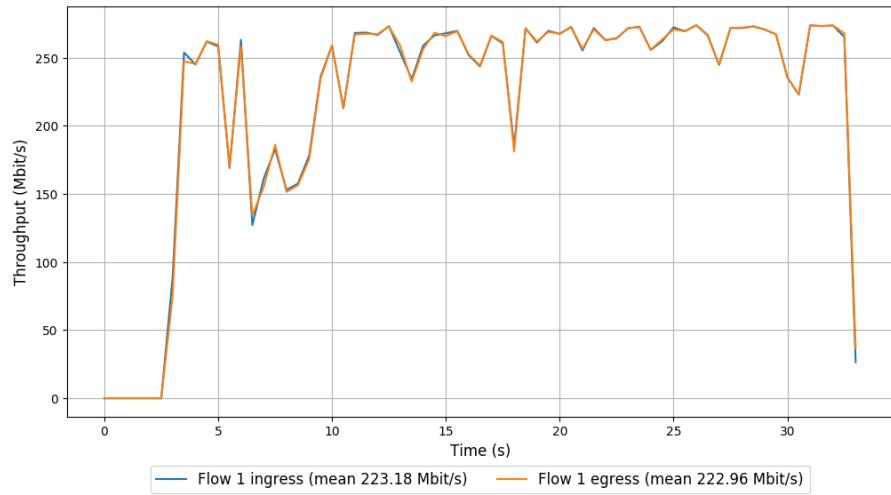
-- Flow 1:

Average throughput: 222.96 Mbit/s

95th percentile per-packet one-way delay: 23.179 ms

Loss rate: 0.10%

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:19:24 +0000

End at: Fri, 16 Jun 2017 01:19:54 +0000

Local clock offset: 3.915 ms

Remote clock offset: -2.239 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:39:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.18 Mbit/s

95th percentile per-packet one-way delay: 25.217 ms

Loss rate: 0.13%

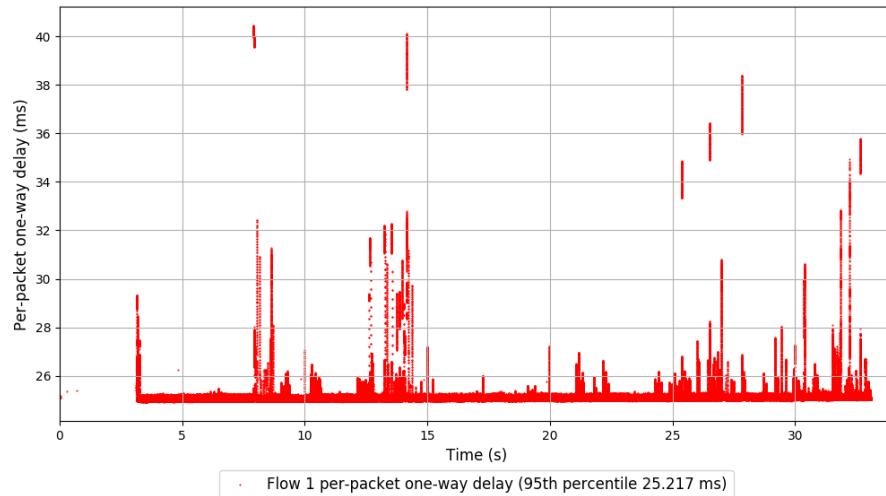
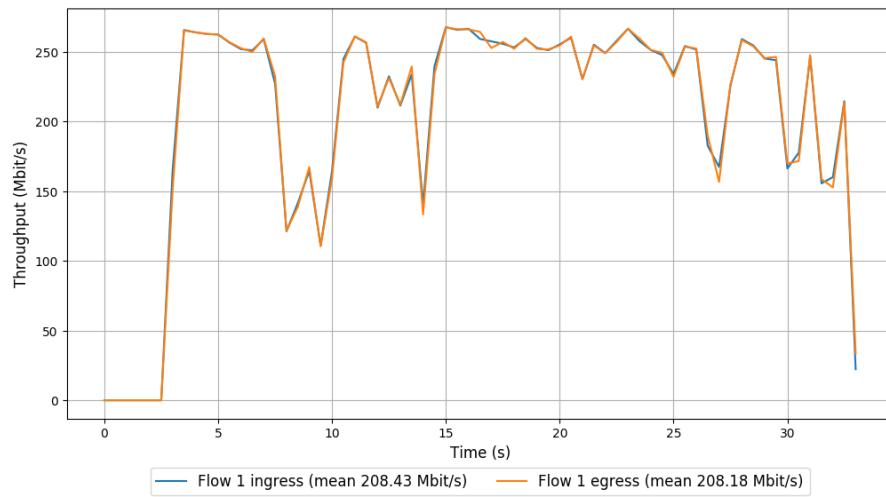
-- Flow 1:

Average throughput: 208.18 Mbit/s

95th percentile per-packet one-way delay: 25.217 ms

Loss rate: 0.13%

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

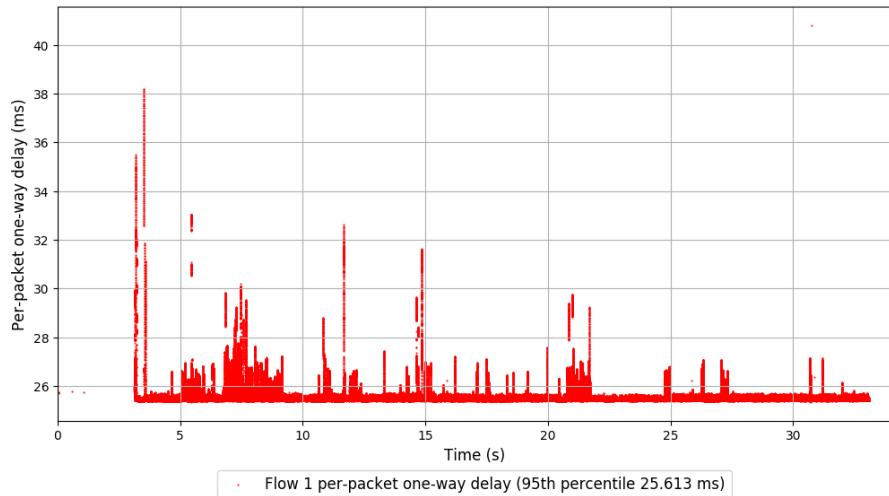
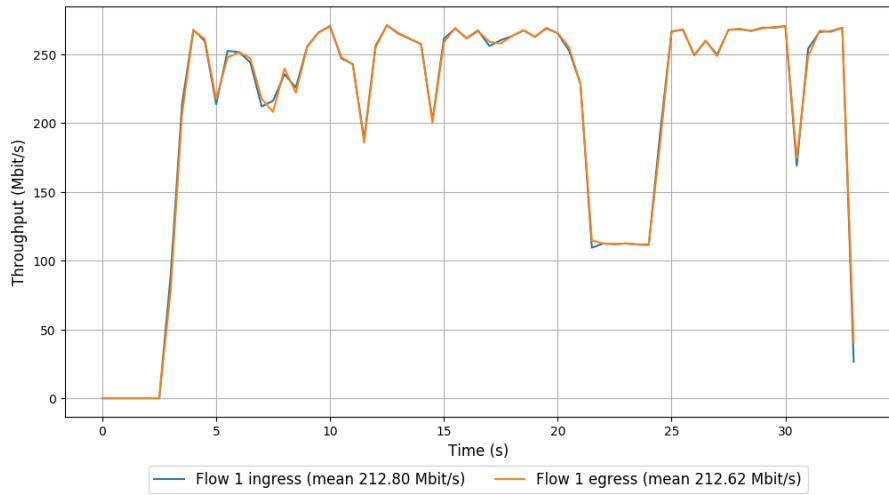


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 16 Jun 2017 01:38:57 +0000
End at: Fri, 16 Jun 2017 01:39:27 +0000
Local clock offset: 4.212 ms
Remote clock offset: -2.547 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:39:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 212.62 Mbit/s
95th percentile per-packet one-way delay: 25.613 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 212.62 Mbit/s
95th percentile per-packet one-way delay: 25.613 ms
Loss rate: 0.09%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 01:58:35 +0000

End at: Fri, 16 Jun 2017 01:59:05 +0000

Local clock offset: 3.811 ms

Remote clock offset: -2.907 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:40:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 189.06 Mbit/s

95th percentile per-packet one-way delay: 25.608 ms

Loss rate: 0.24%

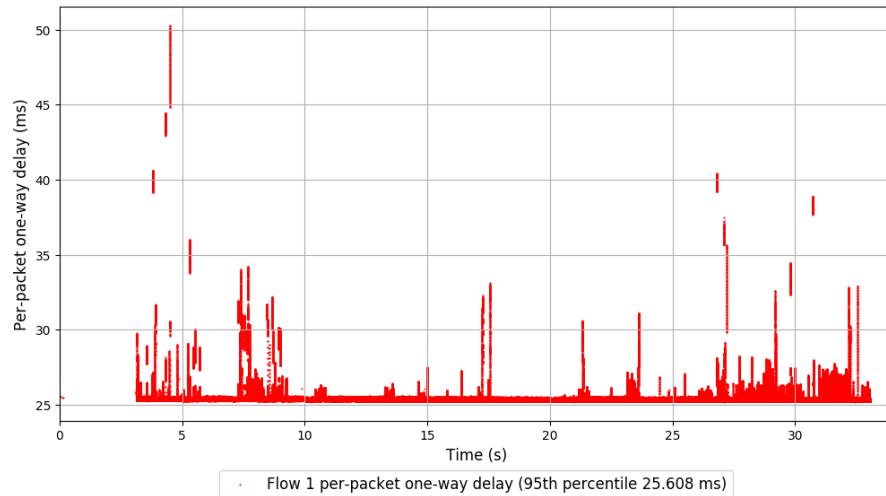
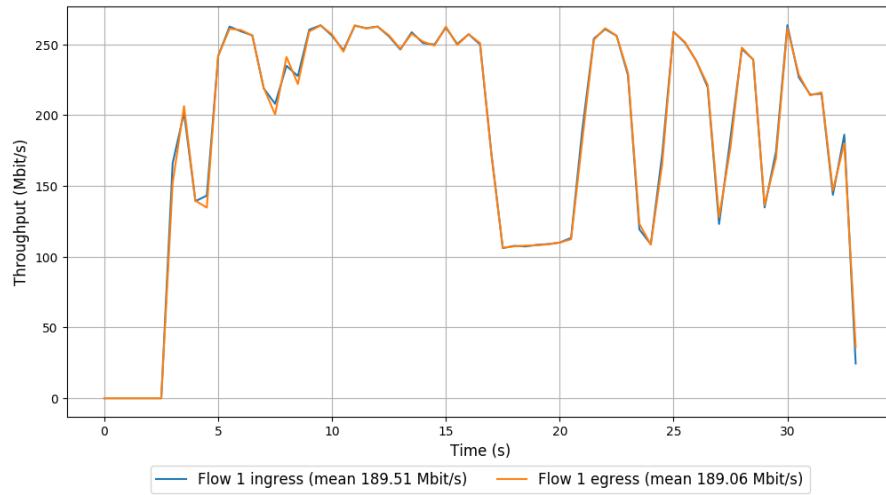
-- Flow 1:

Average throughput: 189.06 Mbit/s

95th percentile per-packet one-way delay: 25.608 ms

Loss rate: 0.24%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 16 Jun 2017 02:18:03 +0000

End at: Fri, 16 Jun 2017 02:18:33 +0000

Local clock offset: 1.788 ms

Remote clock offset: -3.096 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:40:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.30 Mbit/s

95th percentile per-packet one-way delay: 23.832 ms

Loss rate: 0.18%

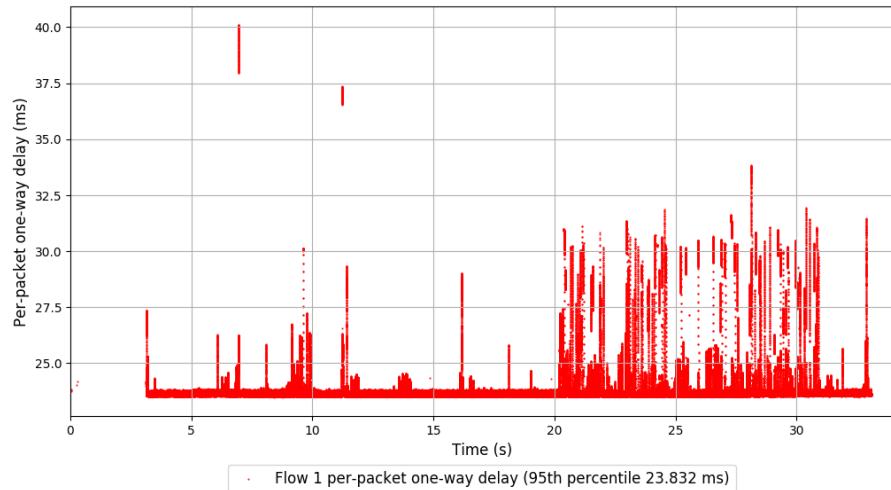
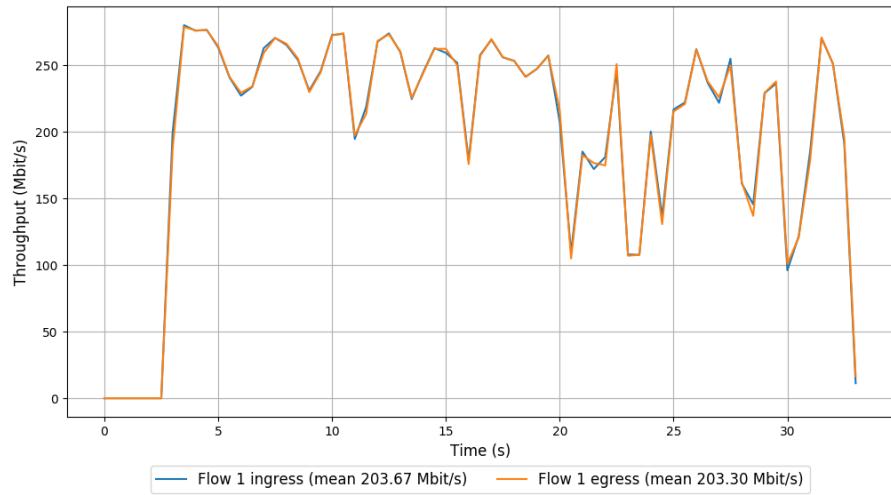
-- Flow 1:

Average throughput: 203.30 Mbit/s

95th percentile per-packet one-way delay: 23.832 ms

Loss rate: 0.18%

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

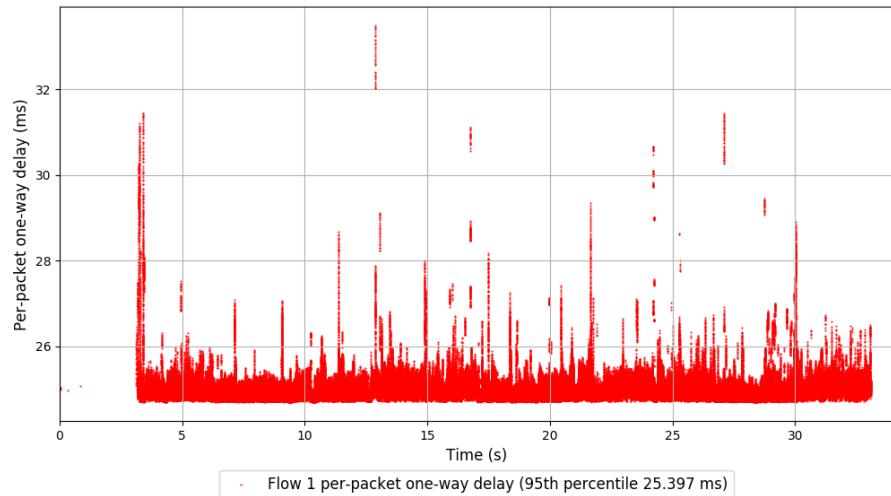
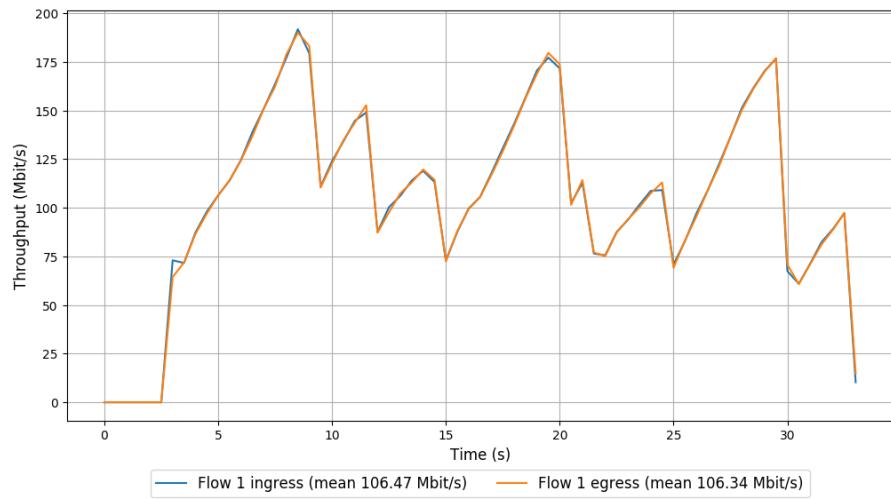


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:11:59 +0000
End at: Thu, 15 Jun 2017 23:12:29 +0000
Local clock offset: 3.421 ms
Remote clock offset: -2.599 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:40:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.34 Mbit/s
95th percentile per-packet one-way delay: 25.397 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 106.34 Mbit/s
95th percentile per-packet one-way delay: 25.397 ms
Loss rate: 0.12%
```

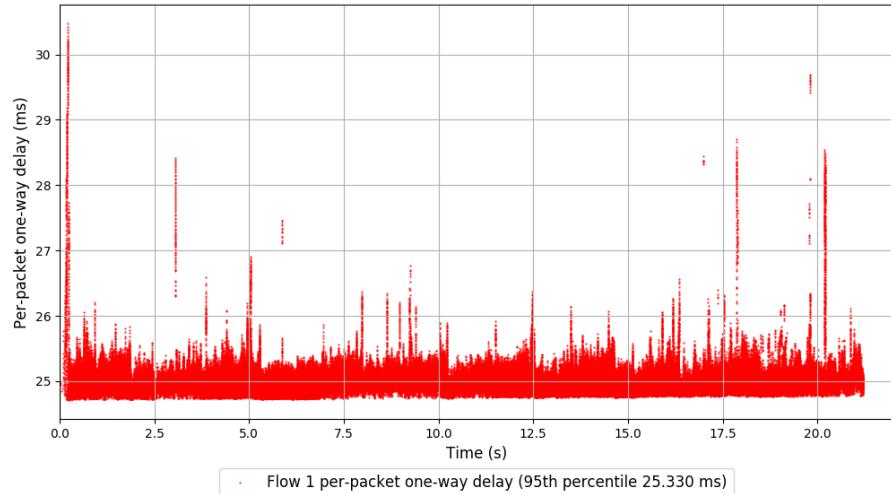
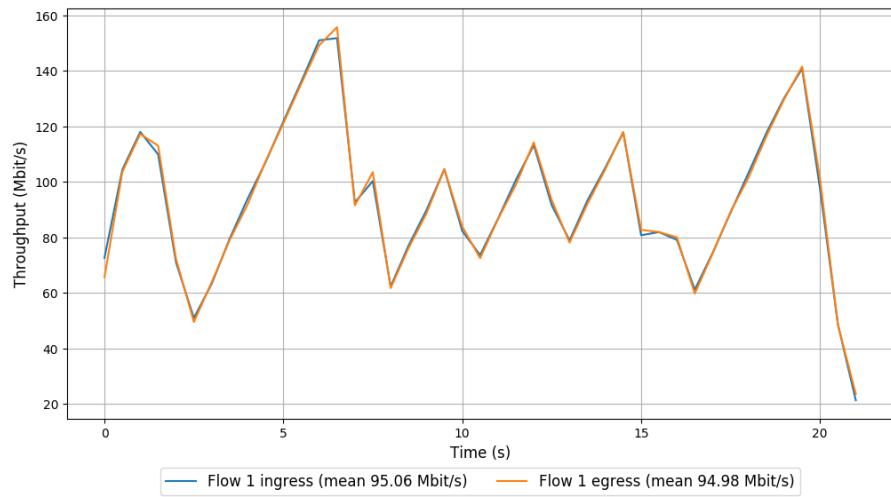
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Thu, 15 Jun 2017 23:31:34 +0000
End at: Thu, 15 Jun 2017 23:32:04 +0000
Local clock offset: 3.157 ms
Remote clock offset: -2.811 ms

Run 2: Report of TCP Vegas — Data Link

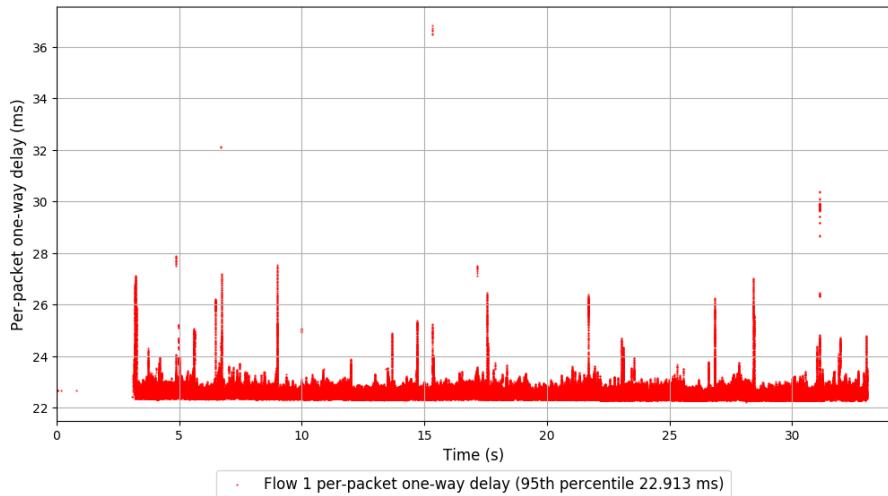
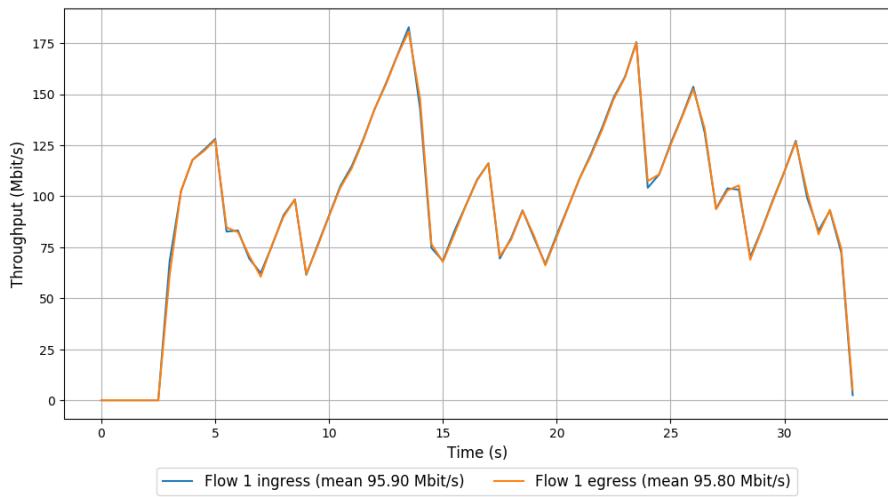


Run 3: Statistics of TCP Vegas

```
Start at: Thu, 15 Jun 2017 23:51:07 +0000
End at: Thu, 15 Jun 2017 23:51:37 +0000
Local clock offset: 1.458 ms
Remote clock offset: -2.245 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:41:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 22.913 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 22.913 ms
Loss rate: 0.11%
```

Run 3: Report of TCP Vegas — Data Link

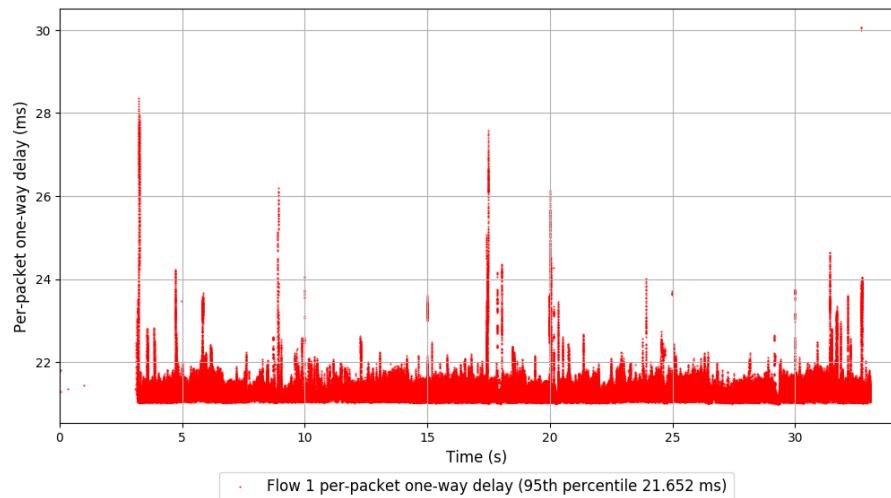
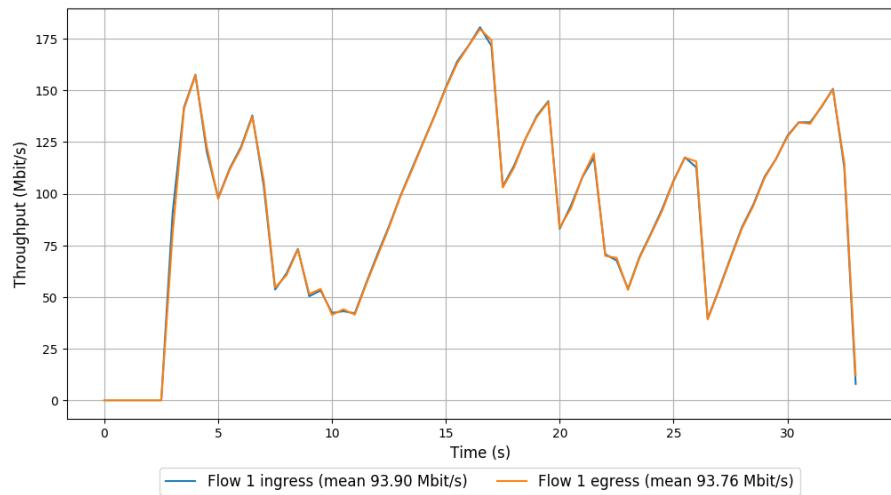


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:10:40 +0000
End at: Fri, 16 Jun 2017 00:11:10 +0000
Local clock offset: 0.424 ms
Remote clock offset: -1.995 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:41:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 21.652 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 21.652 ms
Loss rate: 0.15%
```

Run 4: Report of TCP Vegas — Data Link

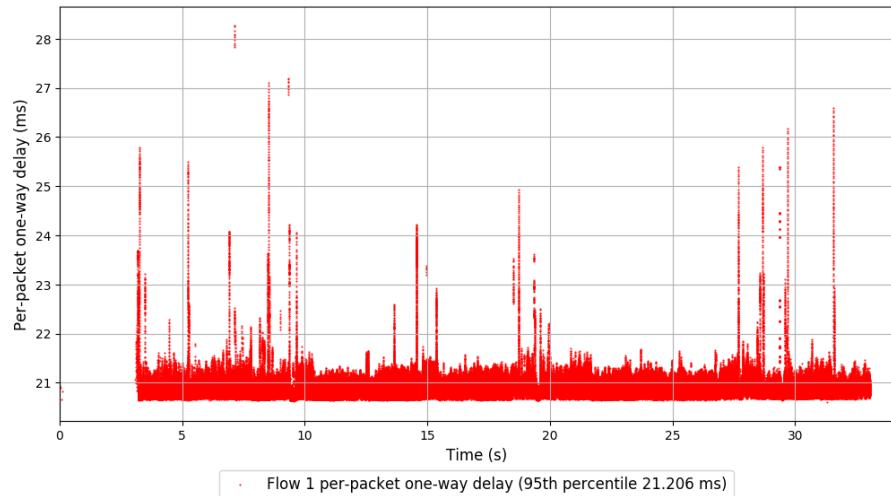
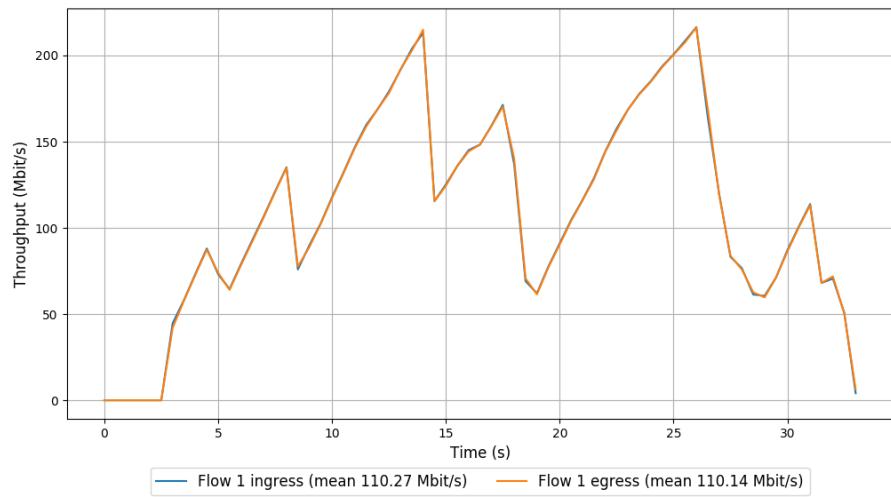


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:30:09 +0000
End at: Fri, 16 Jun 2017 00:30:39 +0000
Local clock offset: 0.15 ms
Remote clock offset: -1.833 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:41:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 110.14 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 110.14 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.12%
```

Run 5: Report of TCP Vegas — Data Link

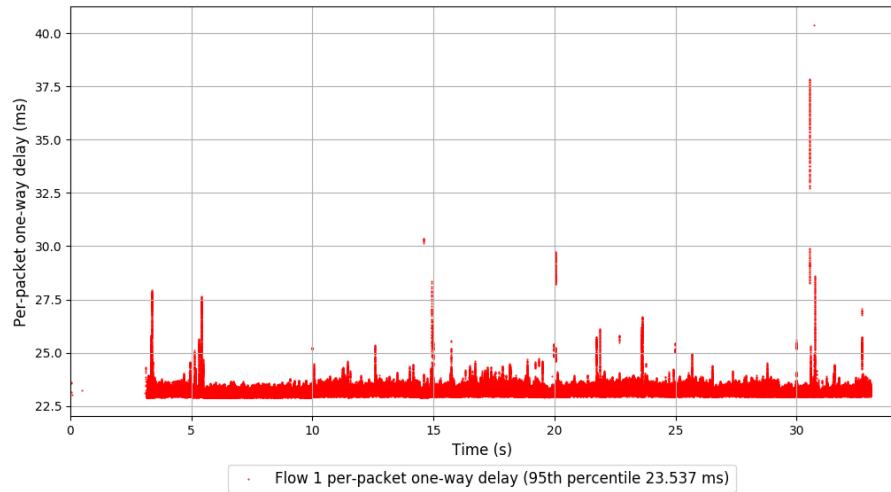
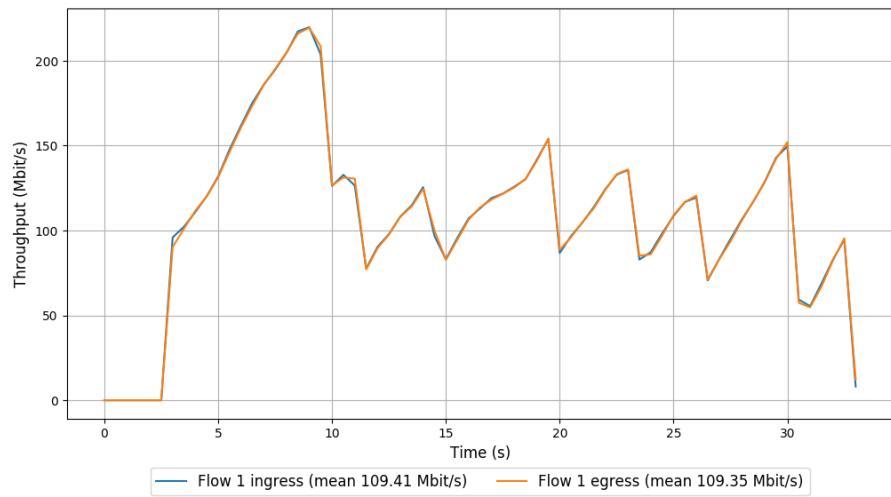


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 00:49:48 +0000
End at: Fri, 16 Jun 2017 00:50:18 +0000
Local clock offset: 2.157 ms
Remote clock offset: -2.032 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.35 Mbit/s
95th percentile per-packet one-way delay: 23.537 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 109.35 Mbit/s
95th percentile per-packet one-way delay: 23.537 ms
Loss rate: 0.08%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 01:09:14 +0000

End at: Fri, 16 Jun 2017 01:09:44 +0000

Local clock offset: 1.84 ms

Remote clock offset: -2.312 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:41:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 151.49 Mbit/s

95th percentile per-packet one-way delay: 23.337 ms

Loss rate: 0.07%

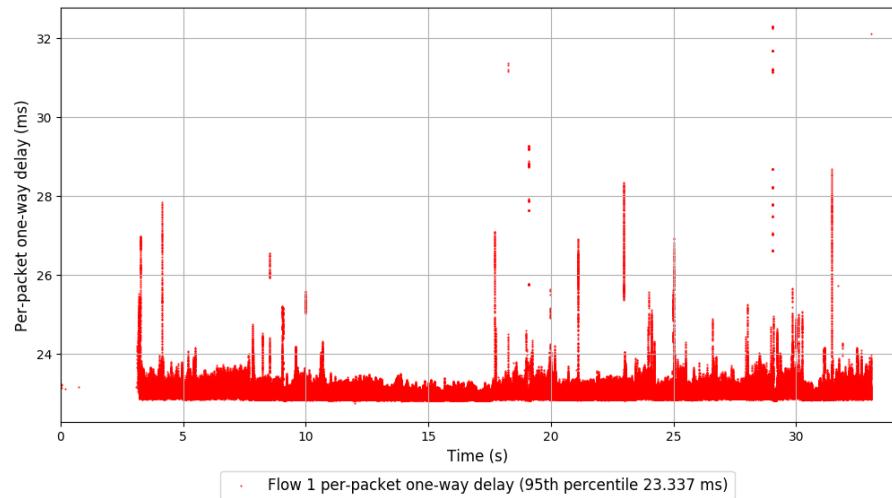
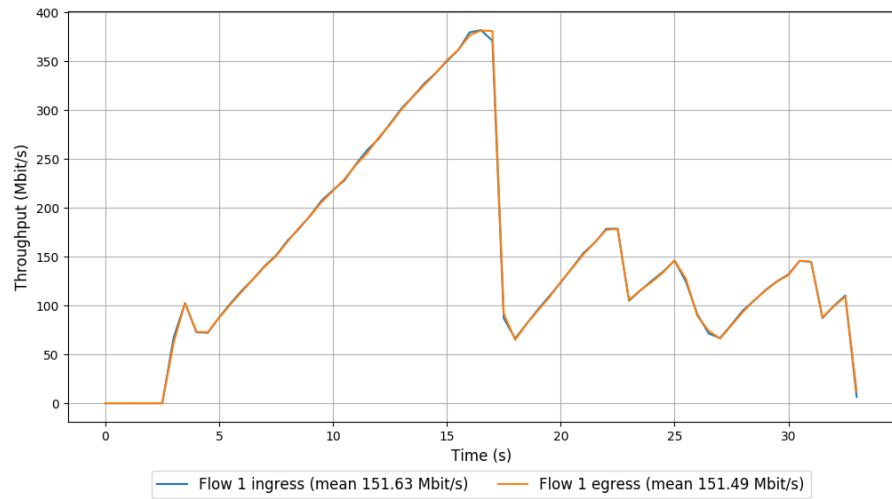
-- Flow 1:

Average throughput: 151.49 Mbit/s

95th percentile per-packet one-way delay: 23.337 ms

Loss rate: 0.07%

Run 7: Report of TCP Vegas — Data Link

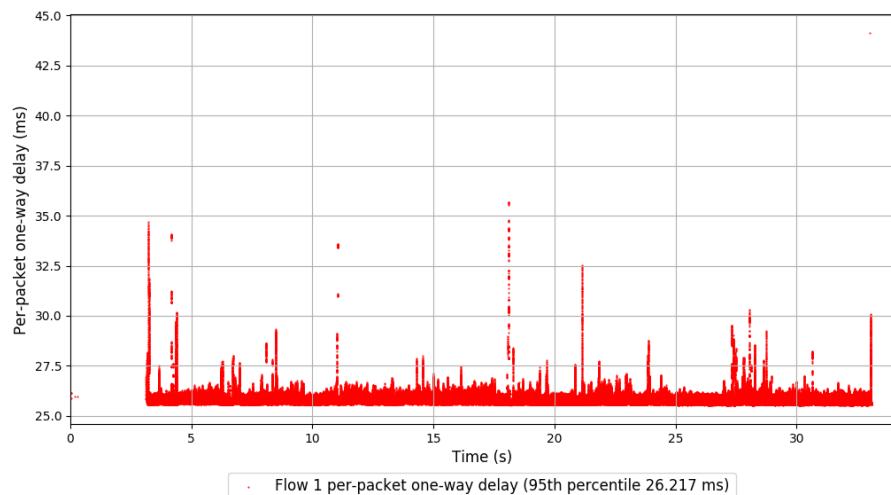
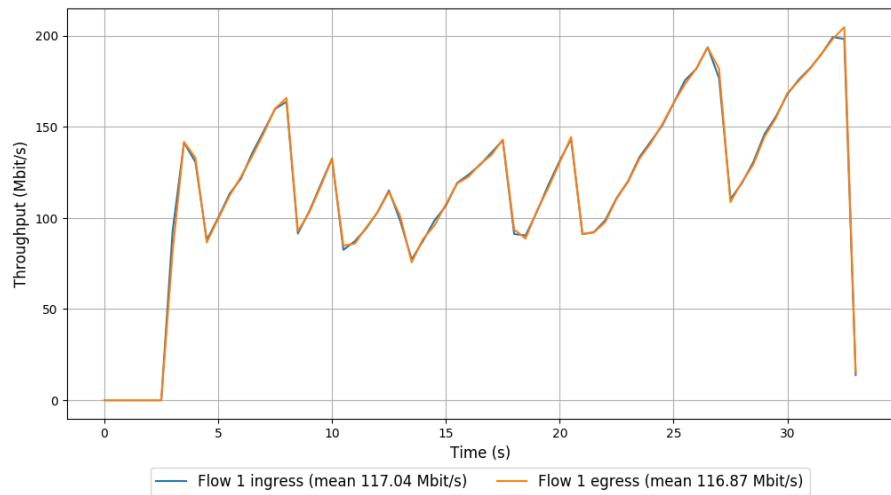


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:28:35 +0000
End at: Fri, 16 Jun 2017 01:29:05 +0000
Local clock offset: 4.64 ms
Remote clock offset: -2.147 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:41:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.87 Mbit/s
95th percentile per-packet one-way delay: 26.217 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 116.87 Mbit/s
95th percentile per-packet one-way delay: 26.217 ms
Loss rate: 0.15%
```

Run 8: Report of TCP Vegas — Data Link

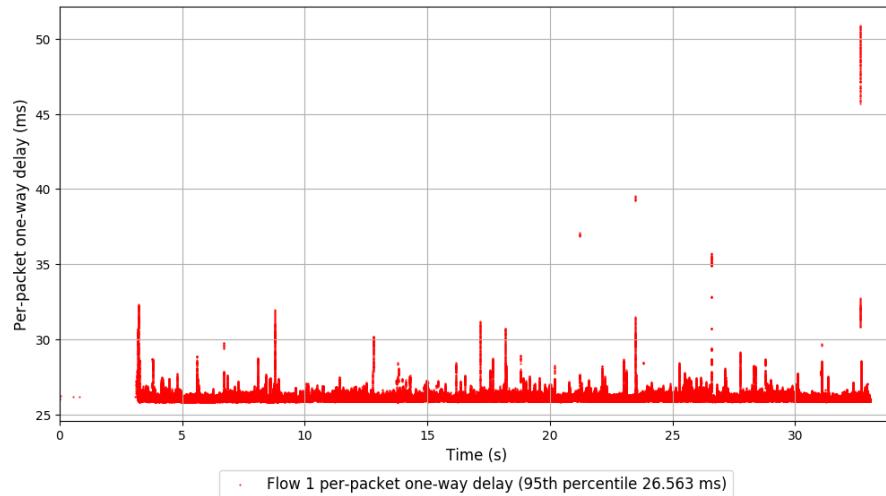
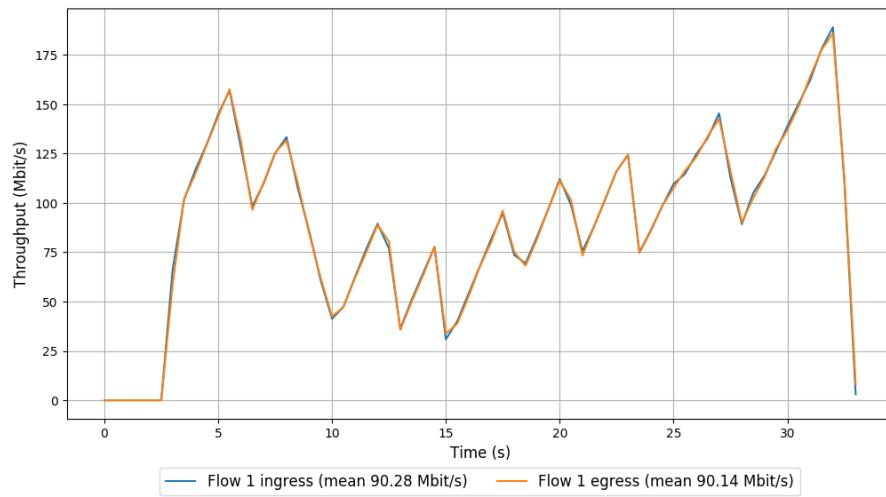


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 16 Jun 2017 01:48:12 +0000
End at: Fri, 16 Jun 2017 01:48:42 +0000
Local clock offset: 4.257 ms
Remote clock offset: -2.813 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:42:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 26.563 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 26.563 ms
Loss rate: 0.16%
```

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Fri, 16 Jun 2017 02:07:53 +0000

End at: Fri, 16 Jun 2017 02:08:23 +0000

Local clock offset: 2.671 ms

Remote clock offset: -2.899 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:42:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.91 Mbit/s

95th percentile per-packet one-way delay: 24.815 ms

Loss rate: 0.22%

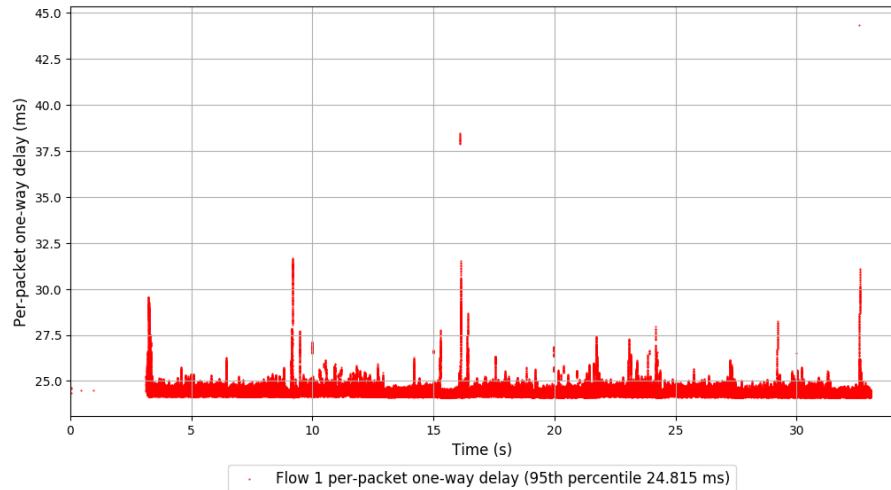
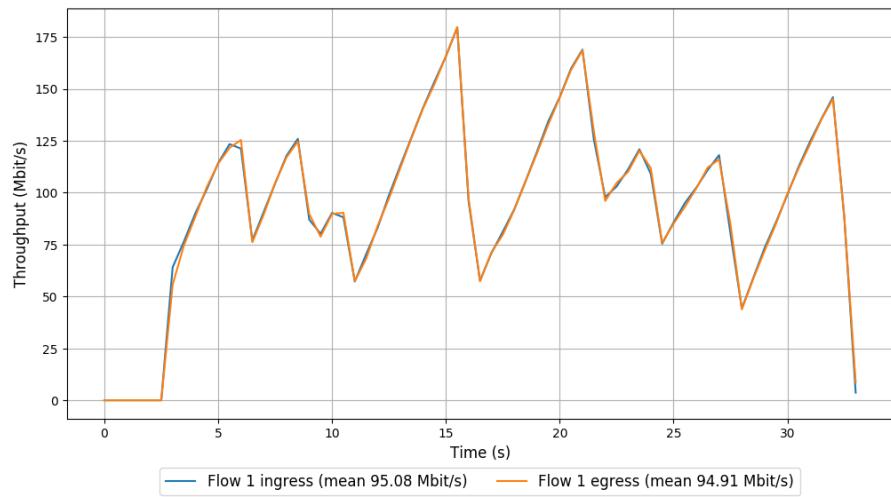
-- Flow 1:

Average throughput: 94.91 Mbit/s

95th percentile per-packet one-way delay: 24.815 ms

Loss rate: 0.22%

Run 10: Report of TCP Vegas — Data Link

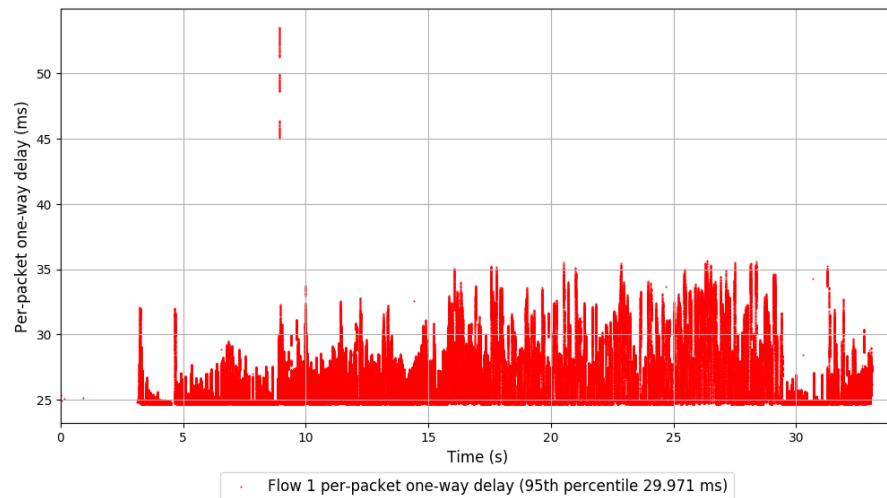
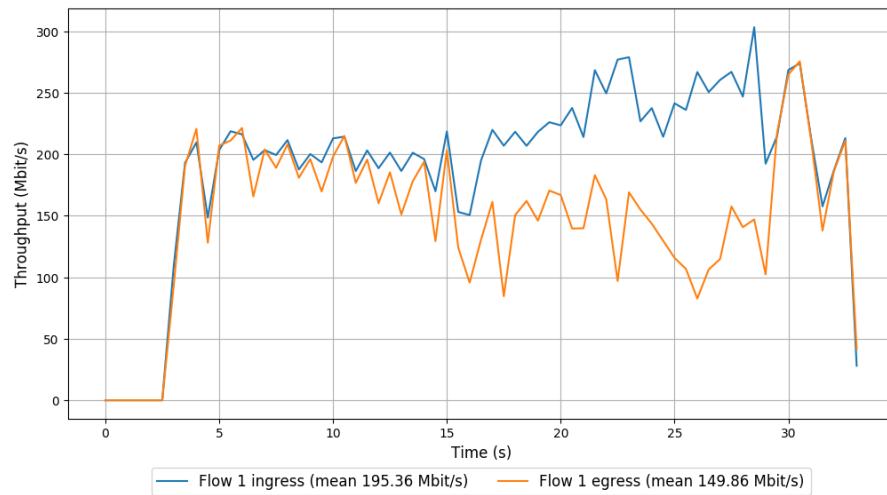


Run 1: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:14:31 +0000
End at: Thu, 15 Jun 2017 23:15:01 +0000
Local clock offset: 3.354 ms
Remote clock offset: -2.673 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:42:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 149.86 Mbit/s
95th percentile per-packet one-way delay: 29.971 ms
Loss rate: 23.29%
-- Flow 1:
Average throughput: 149.86 Mbit/s
95th percentile per-packet one-way delay: 29.971 ms
Loss rate: 23.29%
```

Run 1: Report of Verus — Data Link

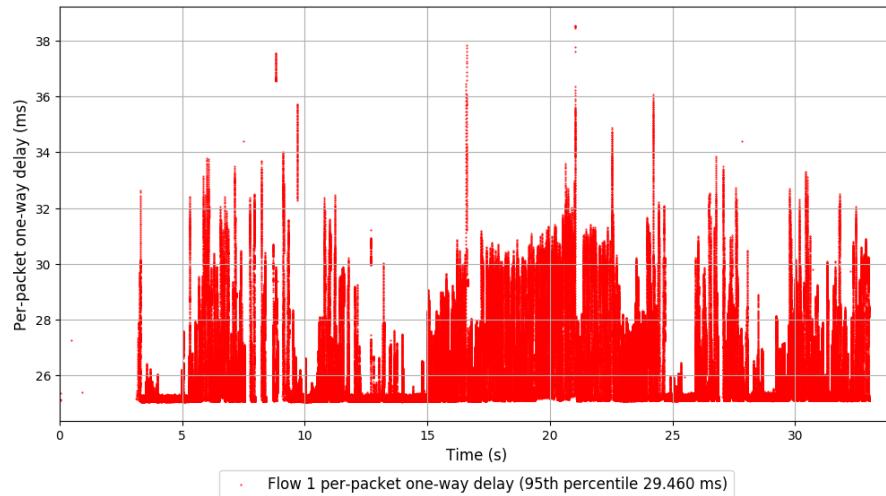
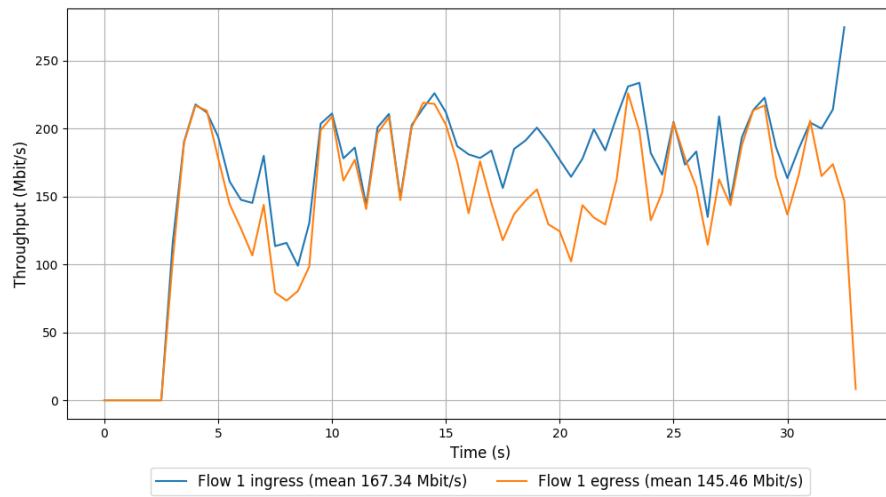


Run 2: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:34:03 +0000
End at: Thu, 15 Jun 2017 23:34:33 +0000
Local clock offset: 3.462 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:42:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 145.46 Mbit/s
95th percentile per-packet one-way delay: 29.460 ms
Loss rate: 13.07%
-- Flow 1:
Average throughput: 145.46 Mbit/s
95th percentile per-packet one-way delay: 29.460 ms
Loss rate: 13.07%
```

Run 2: Report of Verus — Data Link

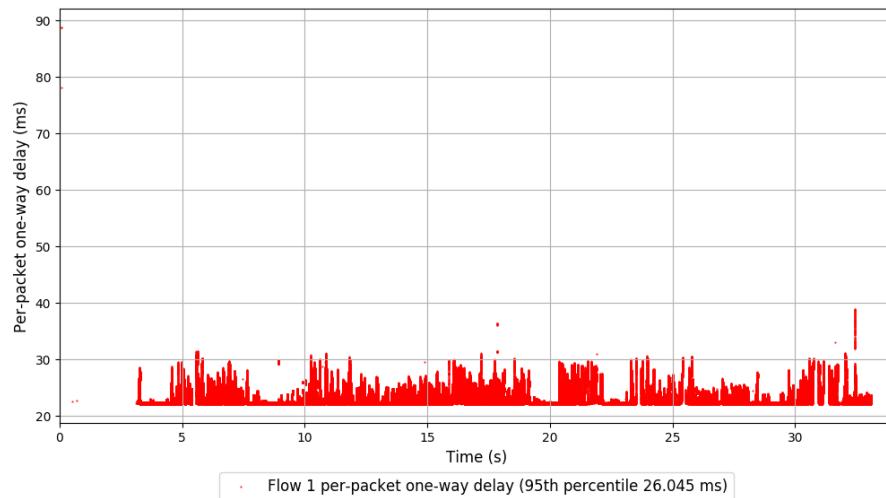
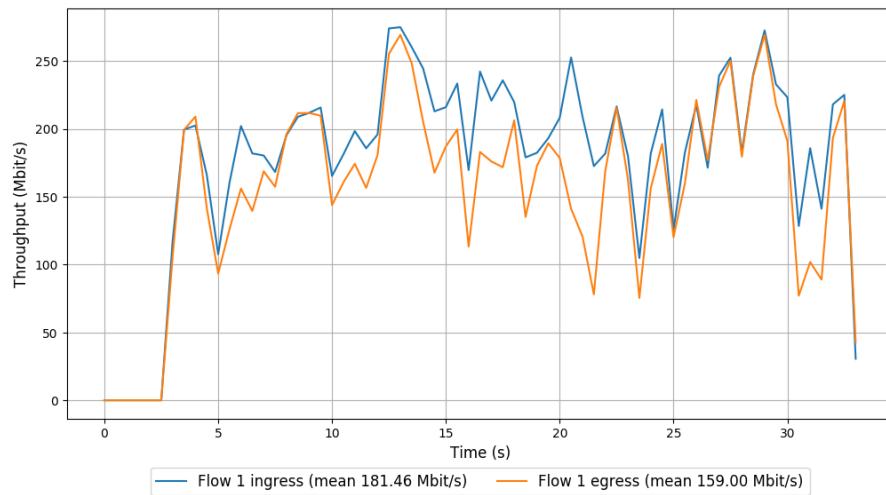


Run 3: Statistics of Verus

```
Start at: Thu, 15 Jun 2017 23:53:38 +0000
End at: Thu, 15 Jun 2017 23:54:08 +0000
Local clock offset: 1.168 ms
Remote clock offset: -2.217 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:42:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 159.00 Mbit/s
95th percentile per-packet one-way delay: 26.045 ms
Loss rate: 12.55%
-- Flow 1:
Average throughput: 159.00 Mbit/s
95th percentile per-packet one-way delay: 26.045 ms
Loss rate: 12.55%
```

Run 3: Report of Verus — Data Link

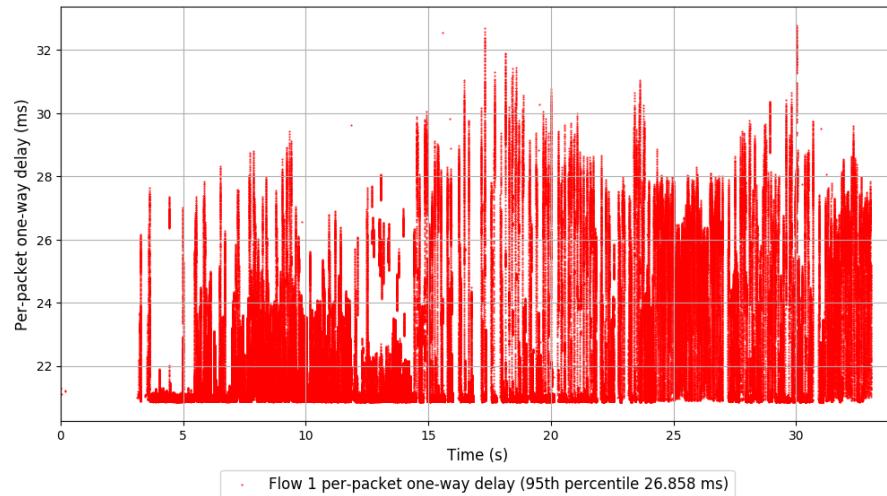
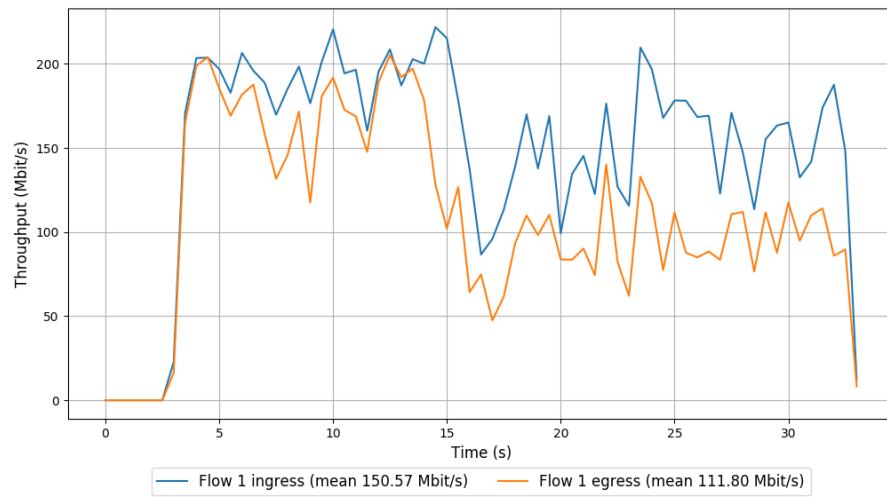


Run 4: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:13:11 +0000
End at: Fri, 16 Jun 2017 00:13:41 +0000
Local clock offset: 0.287 ms
Remote clock offset: -1.949 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:42:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 111.80 Mbit/s
95th percentile per-packet one-way delay: 26.858 ms
Loss rate: 25.74%
-- Flow 1:
Average throughput: 111.80 Mbit/s
95th percentile per-packet one-way delay: 26.858 ms
Loss rate: 25.74%
```

Run 4: Report of Verus — Data Link

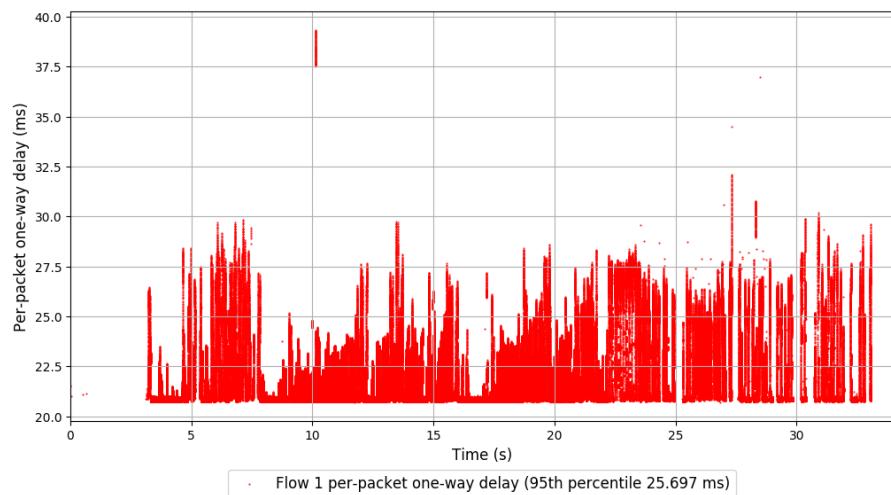
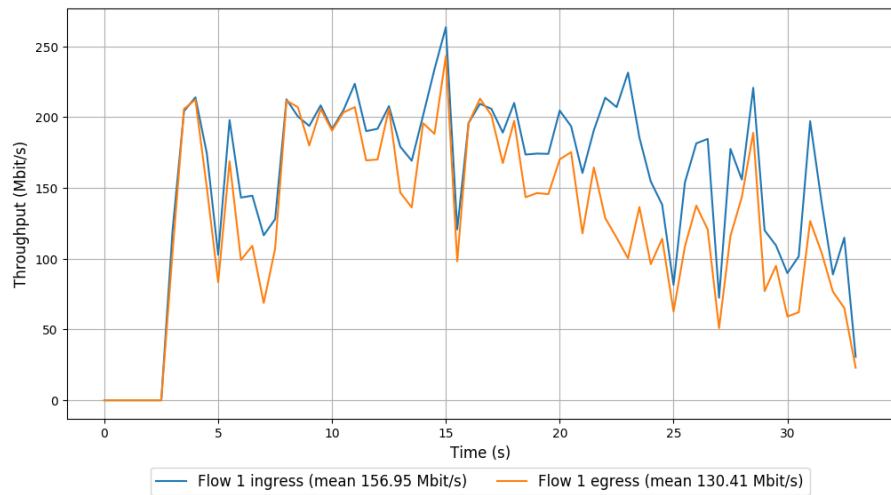


Run 5: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 00:32:41 +0000
End at: Fri, 16 Jun 2017 00:33:11 +0000
Local clock offset: 0.198 ms
Remote clock offset: -1.809 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 130.41 Mbit/s
95th percentile per-packet one-way delay: 25.697 ms
Loss rate: 16.92%
-- Flow 1:
Average throughput: 130.41 Mbit/s
95th percentile per-packet one-way delay: 25.697 ms
Loss rate: 16.92%
```

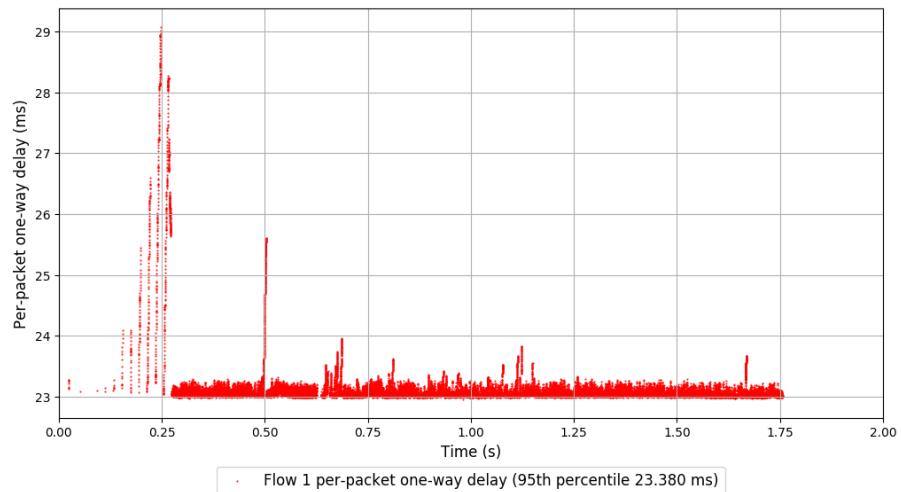
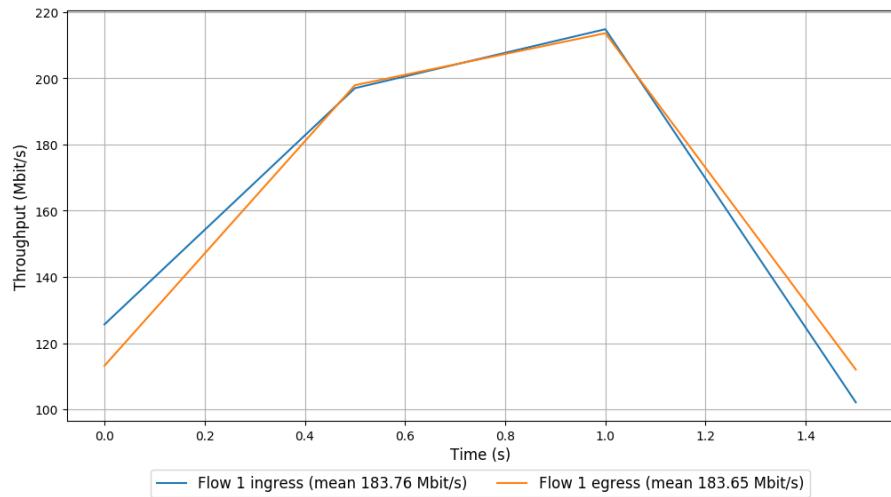
Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Fri, 16 Jun 2017 00:52:20 +0000
End at: Fri, 16 Jun 2017 00:52:50 +0000
Local clock offset: 2.159 ms
Remote clock offset: -2.117 ms

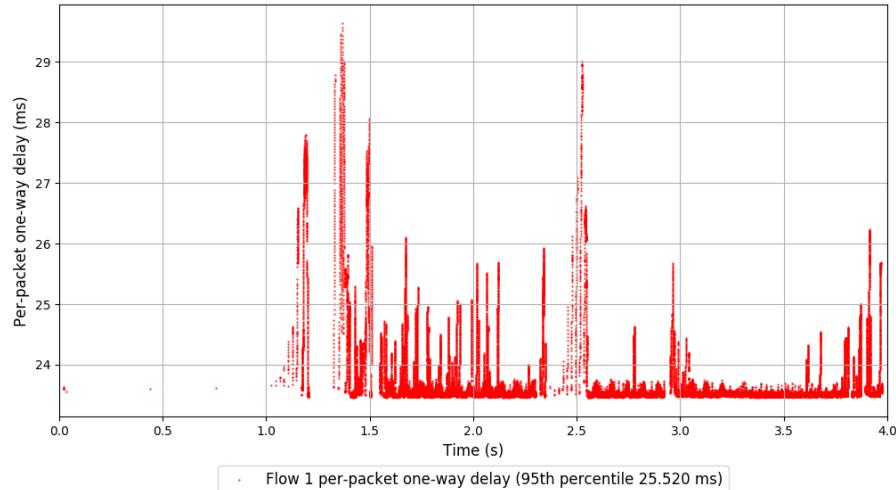
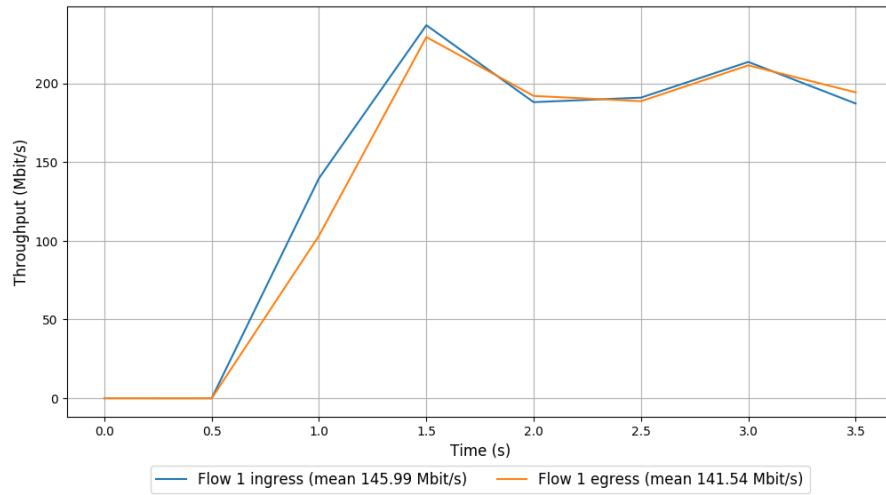
Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 16 Jun 2017 01:11:48 +0000
End at: Fri, 16 Jun 2017 01:12:18 +0000
Local clock offset: 2.133 ms
Remote clock offset: -2.382 ms

Run 7: Report of Verus — Data Link

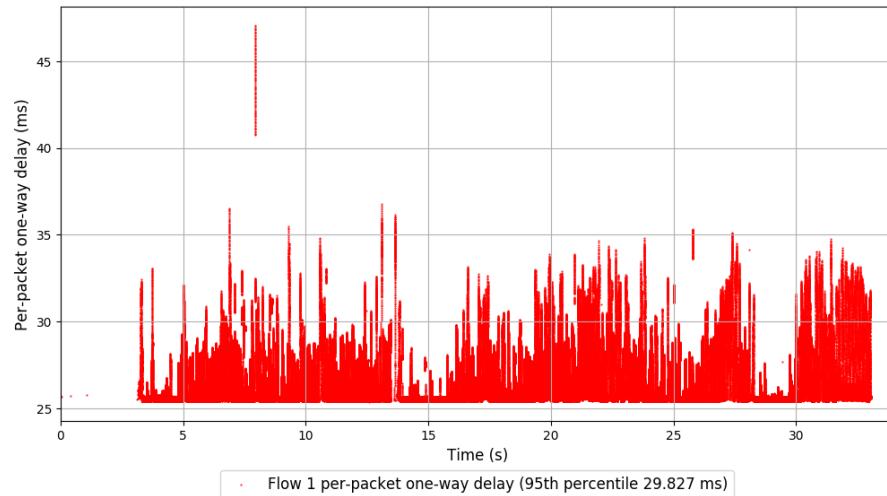
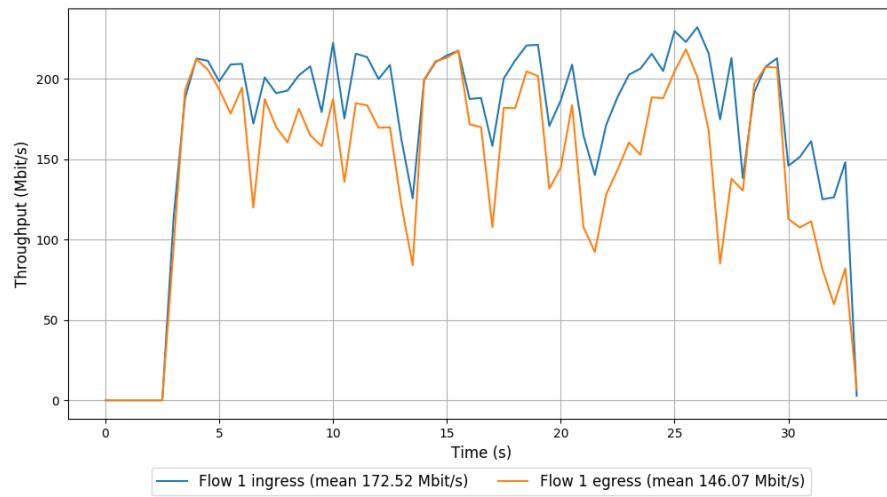


Run 8: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:31:09 +0000
End at: Fri, 16 Jun 2017 01:31:39 +0000
Local clock offset: 4.553 ms
Remote clock offset: -2.215 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.07 Mbit/s
95th percentile per-packet one-way delay: 29.827 ms
Loss rate: 15.33%
-- Flow 1:
Average throughput: 146.07 Mbit/s
95th percentile per-packet one-way delay: 29.827 ms
Loss rate: 15.33%
```

Run 8: Report of Verus — Data Link

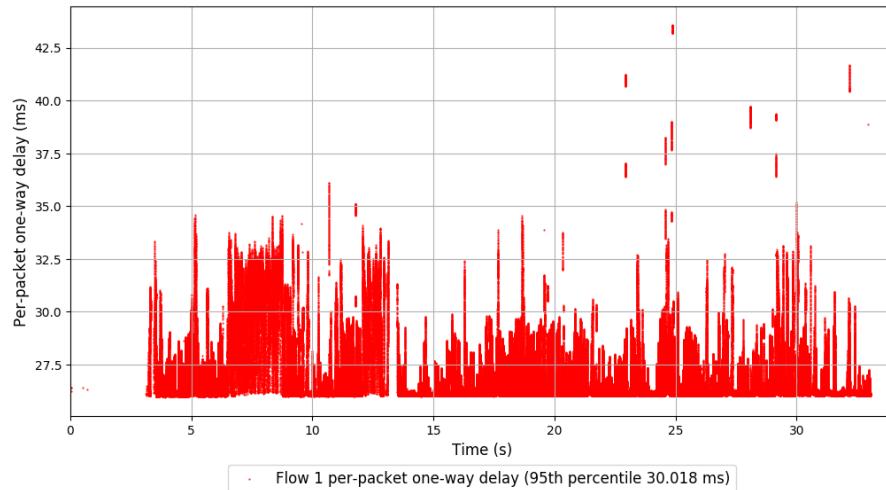
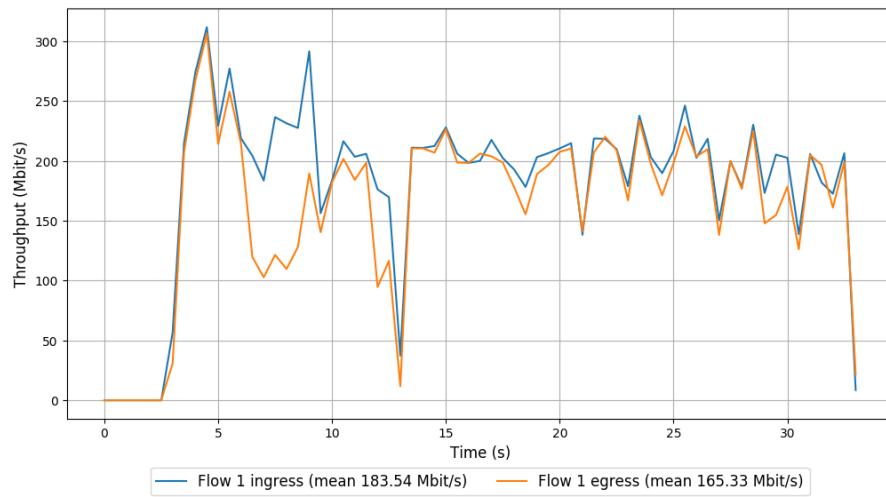


Run 9: Statistics of Verus

```
Start at: Fri, 16 Jun 2017 01:50:43 +0000
End at: Fri, 16 Jun 2017 01:51:13 +0000
Local clock offset: 4.463 ms
Remote clock offset: -2.763 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 165.33 Mbit/s
95th percentile per-packet one-way delay: 30.018 ms
Loss rate: 9.98%
-- Flow 1:
Average throughput: 165.33 Mbit/s
95th percentile per-packet one-way delay: 30.018 ms
Loss rate: 9.98%
```

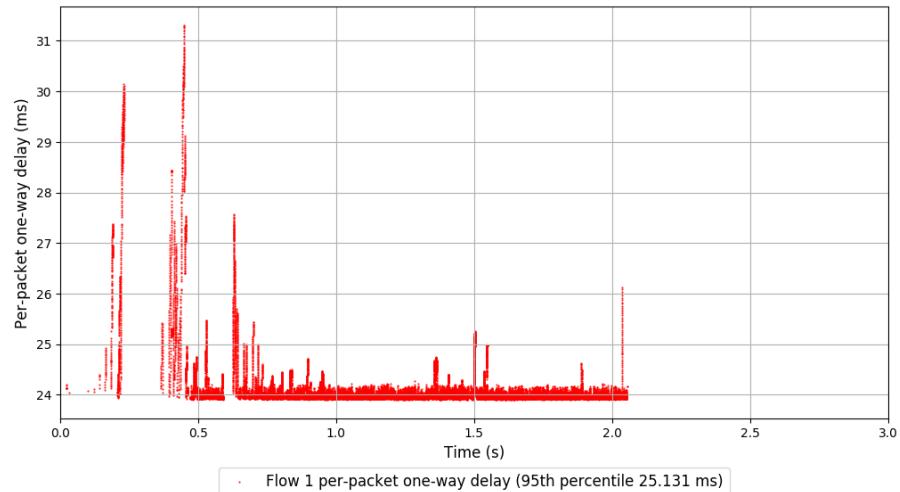
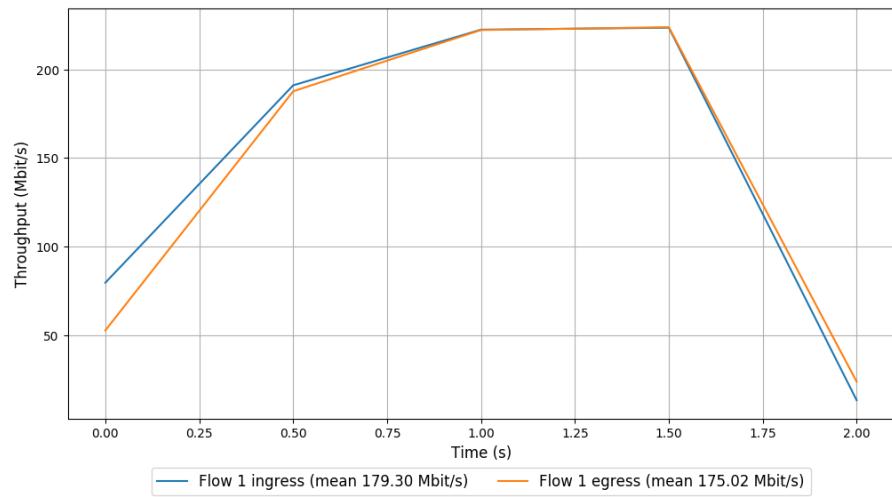
Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Fri, 16 Jun 2017 02:10:26 +0000
End at: Fri, 16 Jun 2017 02:10:56 +0000
Local clock offset: 2.378 ms
Remote clock offset: -2.958 ms

Run 10: Report of Verus — Data Link

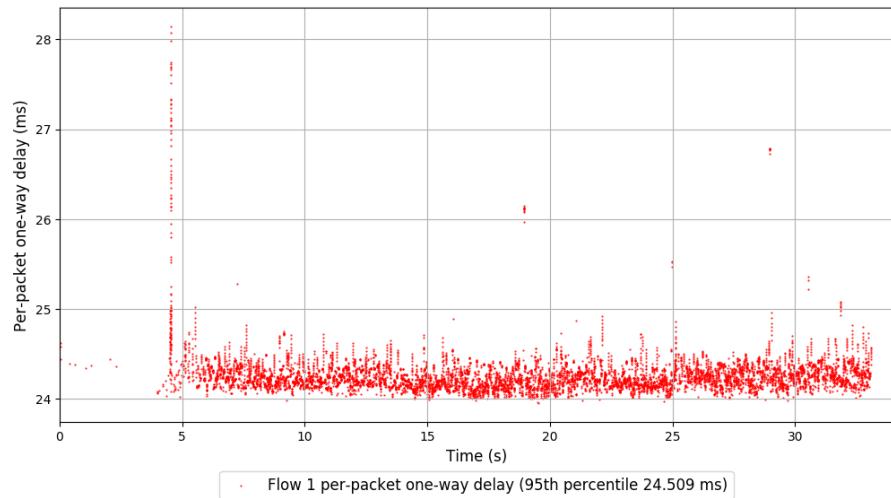
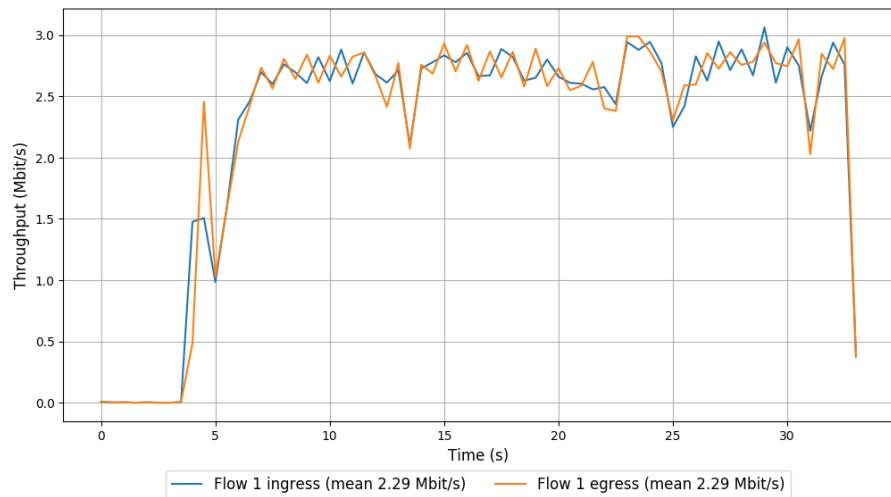


```
Run 1: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:26:20 +0000
End at: Thu, 15 Jun 2017 23:26:50 +0000
Local clock offset: 2.565 ms
Remote clock offset: -2.783 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 24.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 24.509 ms
Loss rate: 0.00%
```

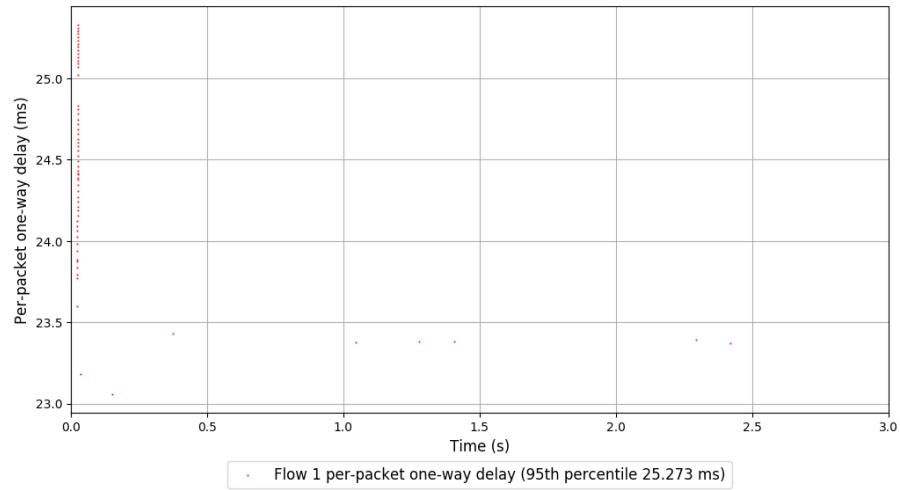
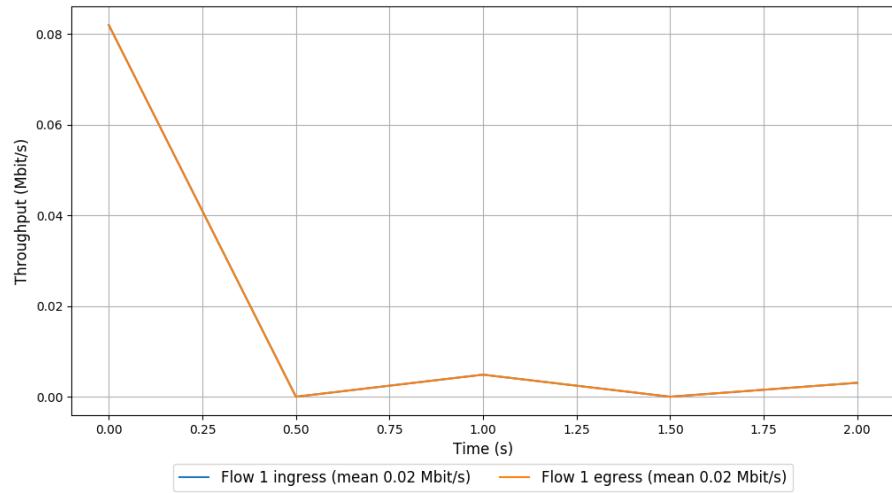
Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Thu, 15 Jun 2017 23:45:56 +0000
End at: Thu, 15 Jun 2017 23:46:26 +0000
Local clock offset: 2.129 ms
Remote clock offset: -2.395 ms

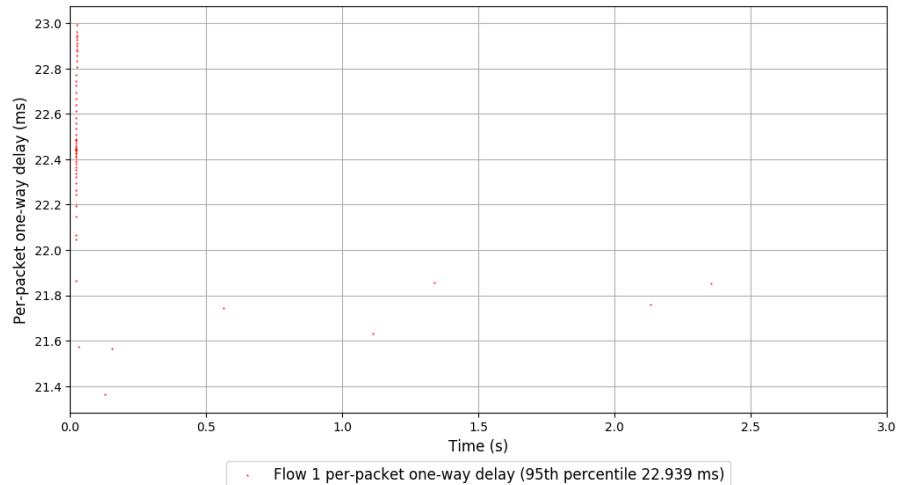
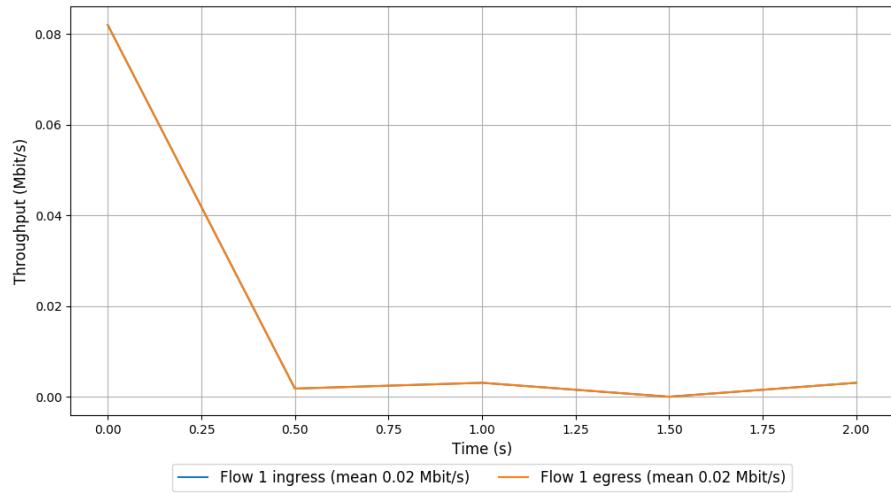
Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 00:05:28 +0000
End at: Fri, 16 Jun 2017 00:05:58 +0000
Local clock offset: 0.724 ms
Remote clock offset: -2.023 ms

Run 3: Report of WebRTC media — Data Link

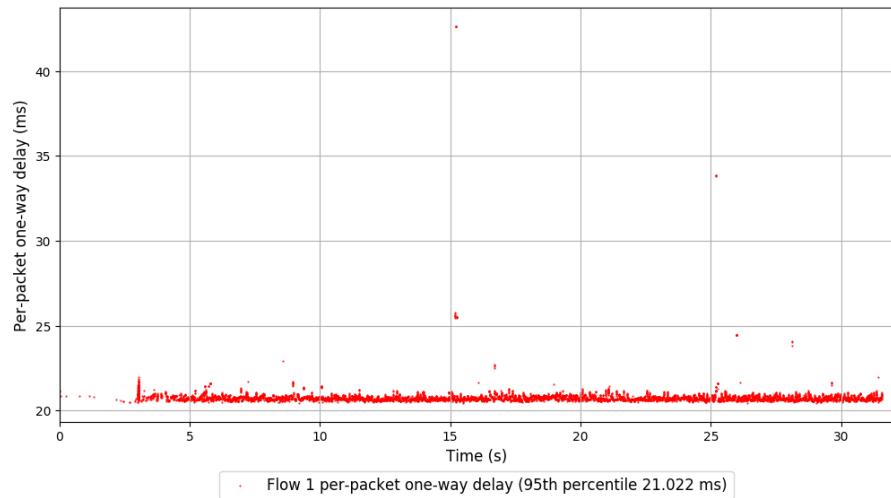
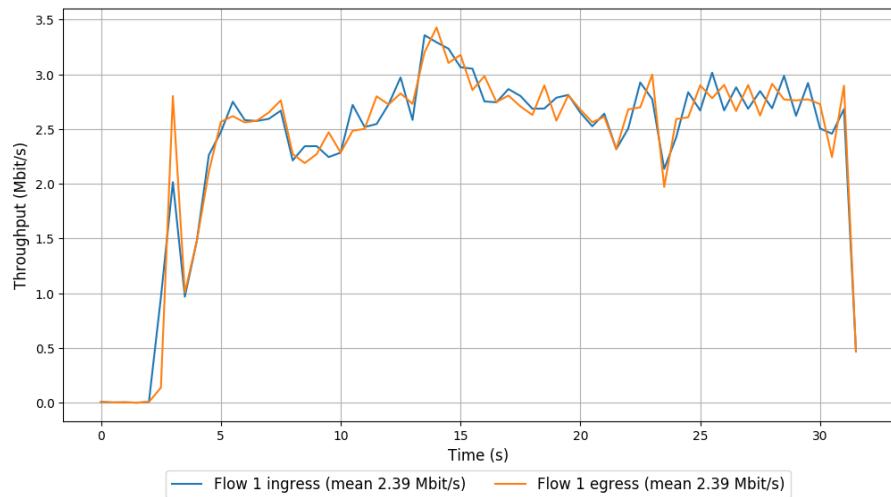


Run 4: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 00:24:57 +0000
End at: Fri, 16 Jun 2017 00:25:27 +0000
Local clock offset: 0.02 ms
Remote clock offset: -1.888 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 21.022 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 21.022 ms
Loss rate: 0.00%
```

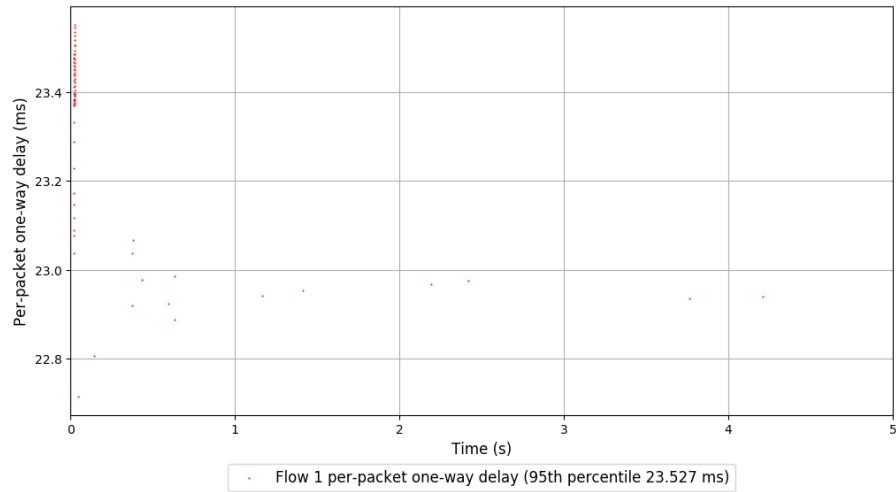
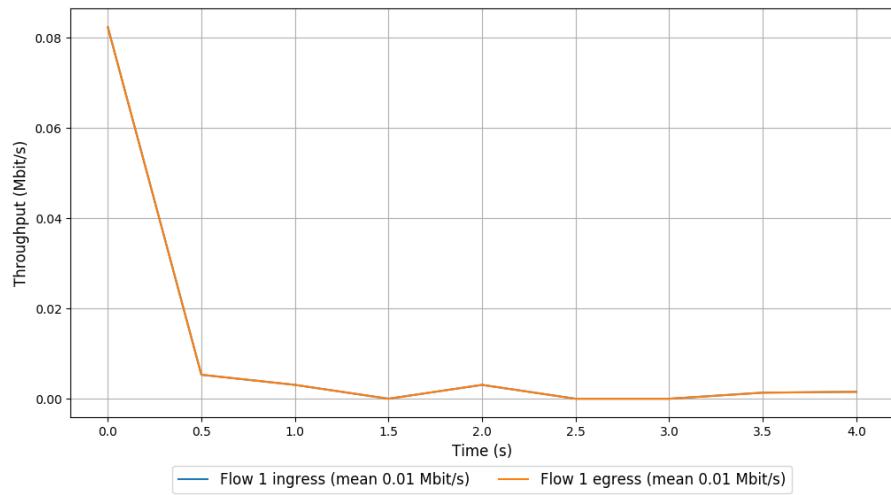
Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 00:44:34 +0000
End at: Fri, 16 Jun 2017 00:45:04 +0000
Local clock offset: 2.016 ms
Remote clock offset: -1.793 ms

Run 5: Report of WebRTC media — Data Link

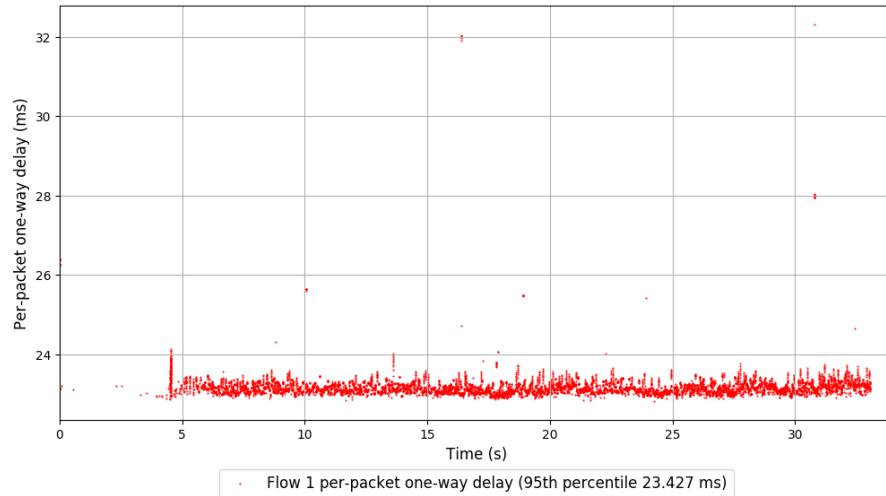
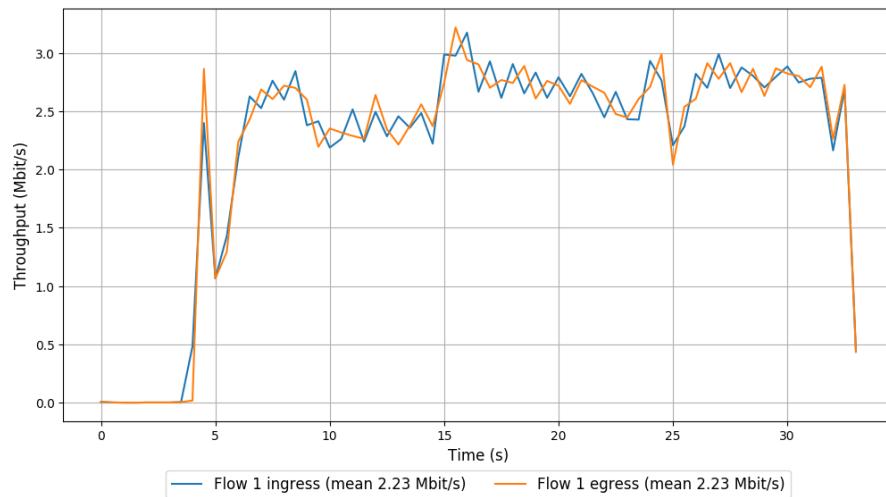


Run 6: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:04:02 +0000
End at: Fri, 16 Jun 2017 01:04:32 +0000
Local clock offset: 1.883 ms
Remote clock offset: -2.432 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 23.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 23.427 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 01:23:26 +0000

End at: Fri, 16 Jun 2017 01:23:56 +0000

Local clock offset: 4.415 ms

Remote clock offset: -2.244 ms

Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 26.060 ms

Loss rate: 0.00%

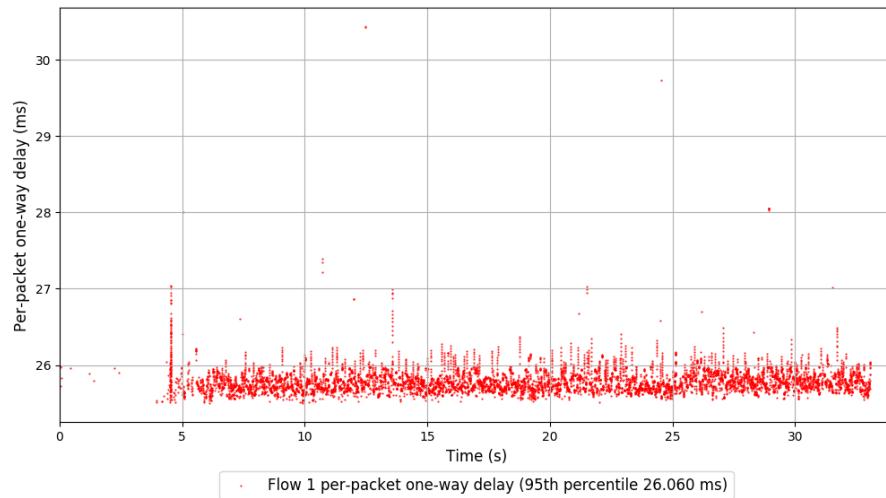
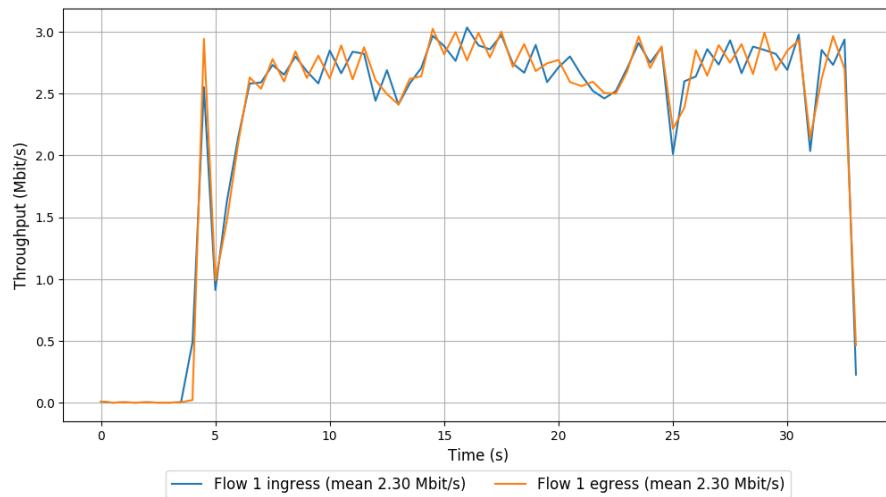
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 26.060 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

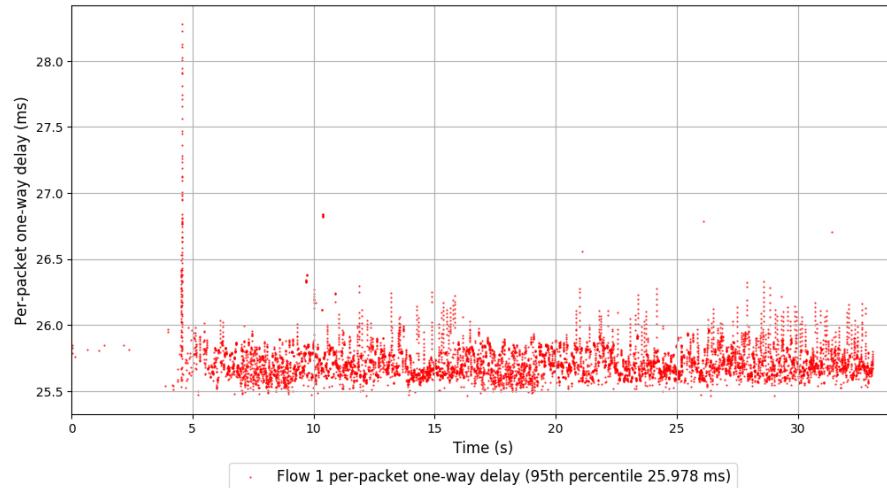
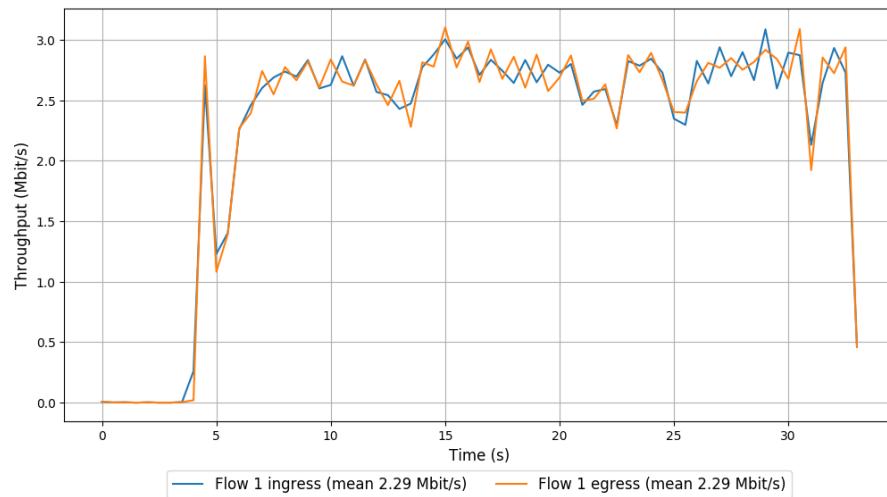


Run 8: Statistics of WebRTC media

```
Start at: Fri, 16 Jun 2017 01:43:03 +0000
End at: Fri, 16 Jun 2017 01:43:33 +0000
Local clock offset: 4.101 ms
Remote clock offset: -2.633 ms

# Below is generated by plot.py at Fri, 16 Jun 2017 07:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 25.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 25.978 ms
Loss rate: 0.00%
```

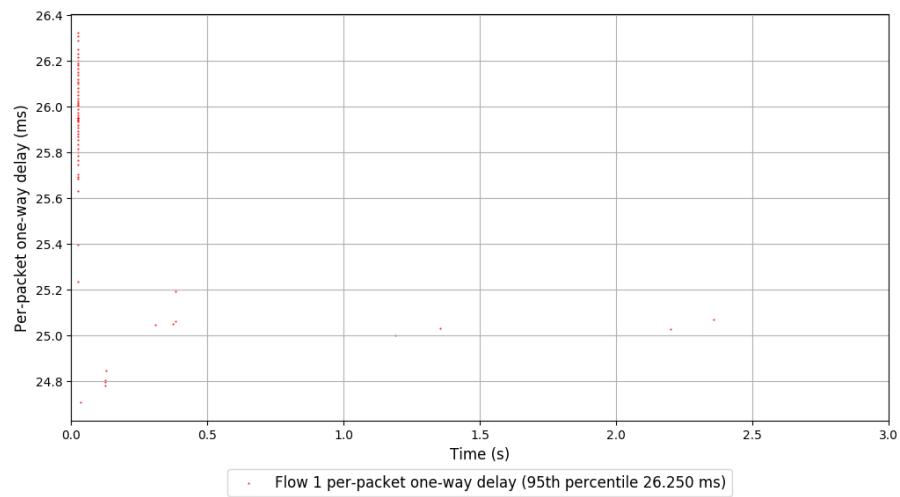
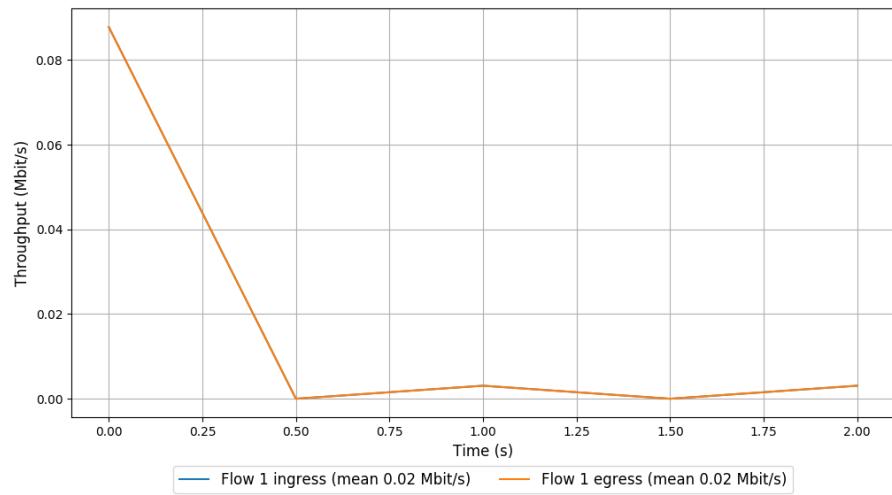
Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:02:39 +0000
End at: Fri, 16 Jun 2017 02:03:09 +0000
Local clock offset: 3.27 ms
Remote clock offset: -2.861 ms

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Fri, 16 Jun 2017 02:22:07 +0000
End at: Fri, 16 Jun 2017 02:22:37 +0000
Local clock offset: 2.296 ms
Remote clock offset: -3.168 ms

Run 10: Report of WebRTC media — Data Link

