

Pantheon Summary (Generated at Wed, 05 Jul 2017 13:40:52 +0000 with
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

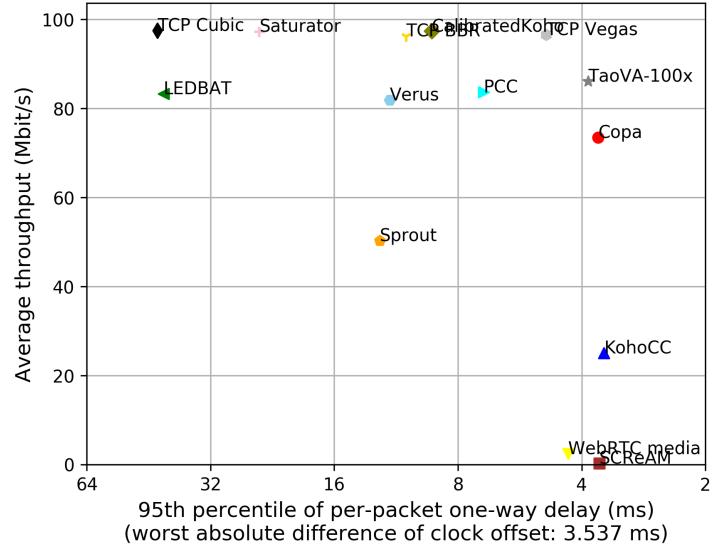
Each test lasted for 30 seconds running 1 flow.

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

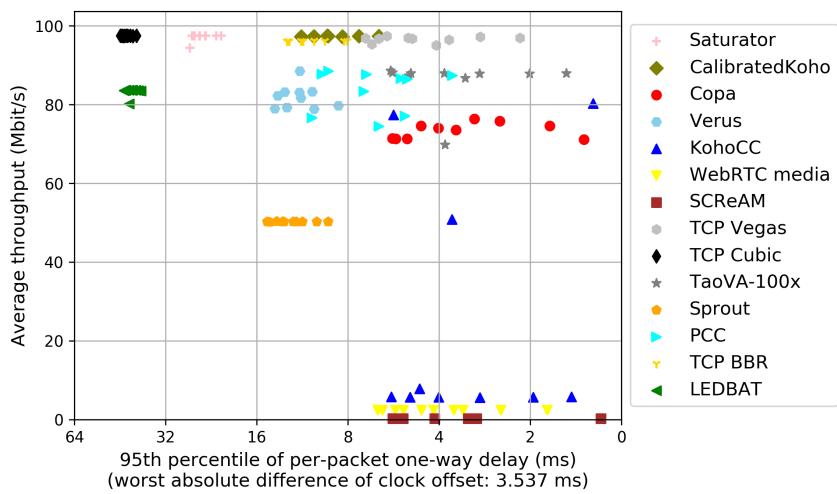
NTP offset measured against gps.ntp.br.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

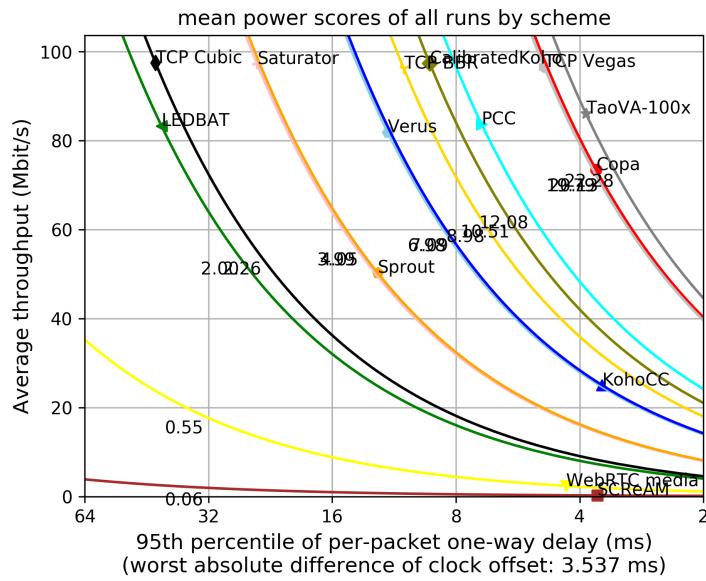
test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



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

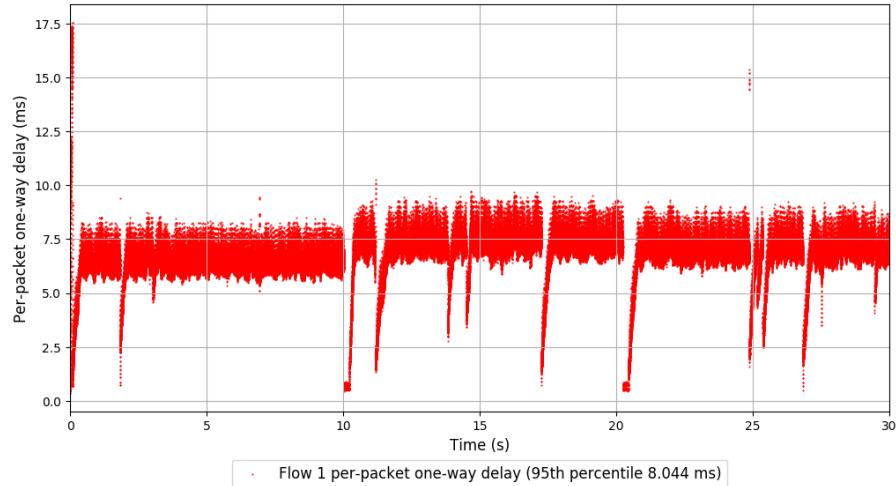
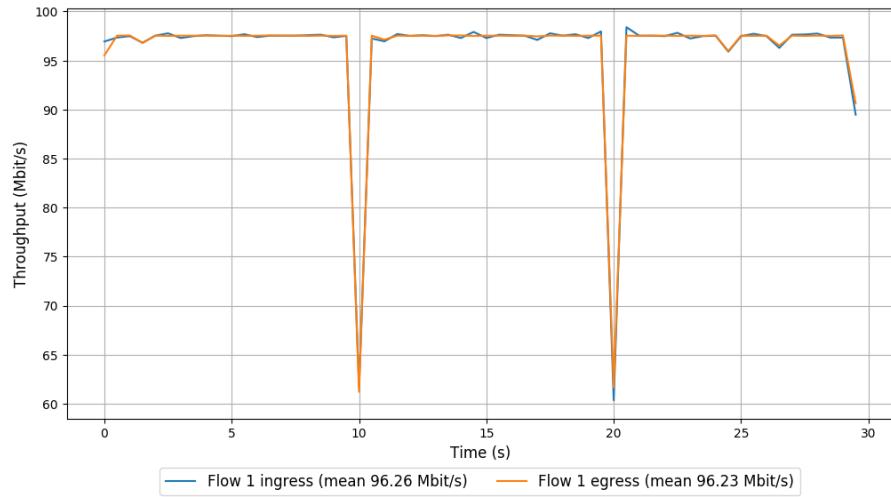


Run 1: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:20:46 +0000
End at: Wed, 05 Jul 2017 07:21:16 +0000
Local clock offset: -0.05 ms
Remote clock offset: 1.541 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 8.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 8.044 ms
Loss rate: 0.00%
```

Run 1: Report of TCP BBR — Data Link

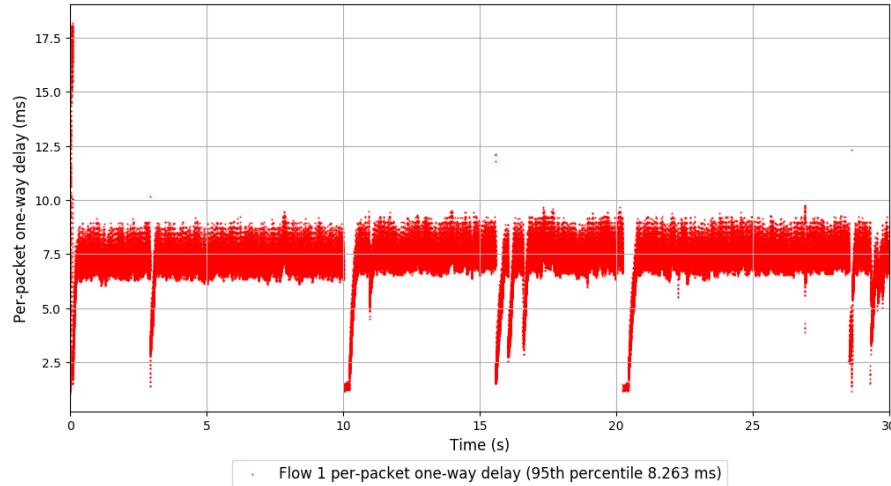
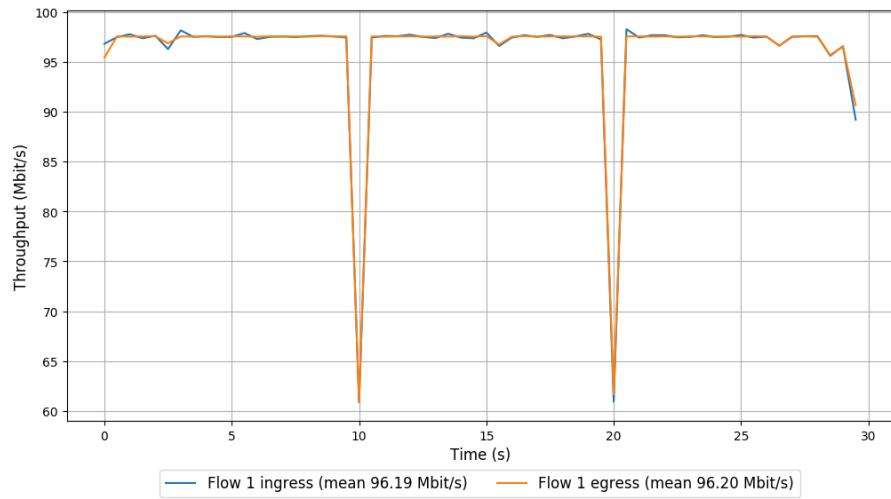


Run 2: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:37:43 +0000
End at: Wed, 05 Jul 2017 07:38:13 +0000
Local clock offset: -0.06 ms
Remote clock offset: 0.971 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 8.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 8.263 ms
Loss rate: 0.00%
```

Run 2: Report of TCP BBR — Data Link

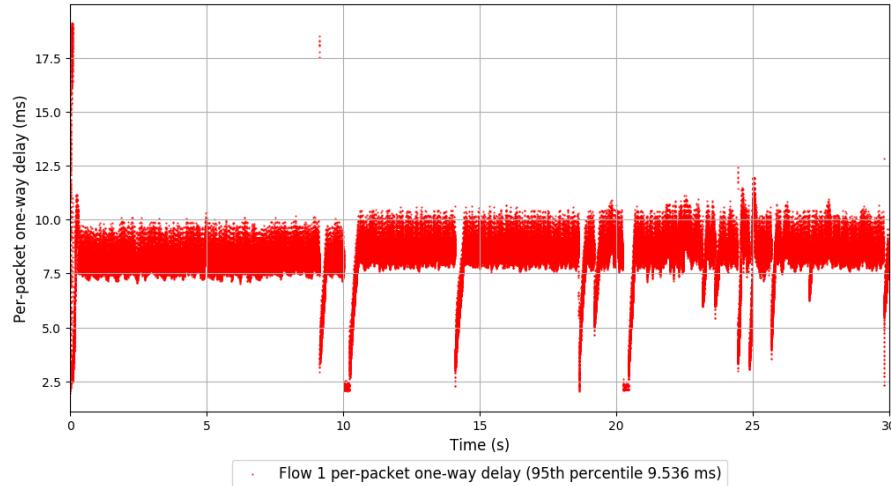
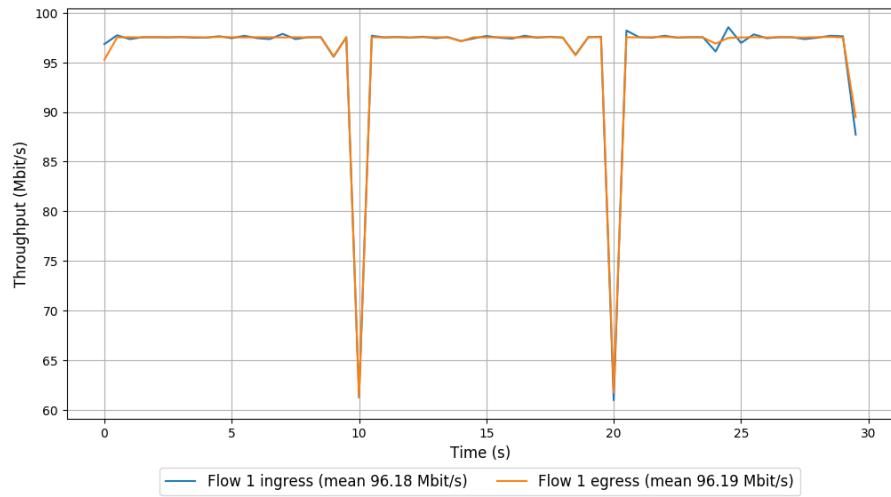


Run 3: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 07:54:41 +0000
End at: Wed, 05 Jul 2017 07:55:11 +0000
Local clock offset: 0.031 ms
Remote clock offset: 0.167 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 9.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 9.536 ms
Loss rate: 0.00%
```

Run 3: Report of TCP BBR — Data Link

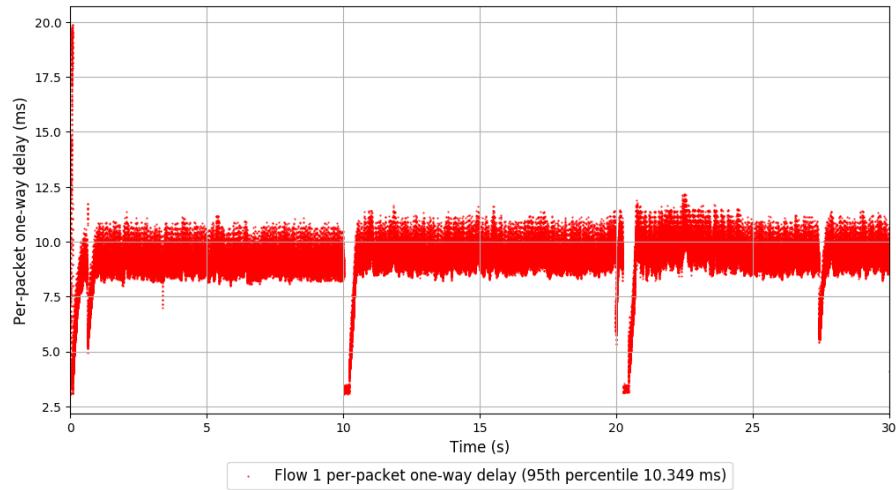
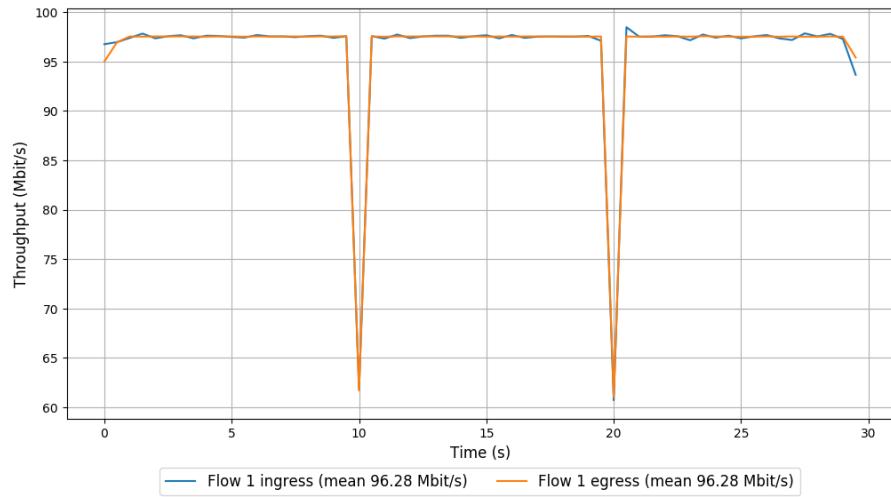


Run 4: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:11:39 +0000
End at: Wed, 05 Jul 2017 08:12:10 +0000
Local clock offset: 0.238 ms
Remote clock offset: -0.721 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:27:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.349 ms
Loss rate: 0.00%
```

Run 4: Report of TCP BBR — Data Link

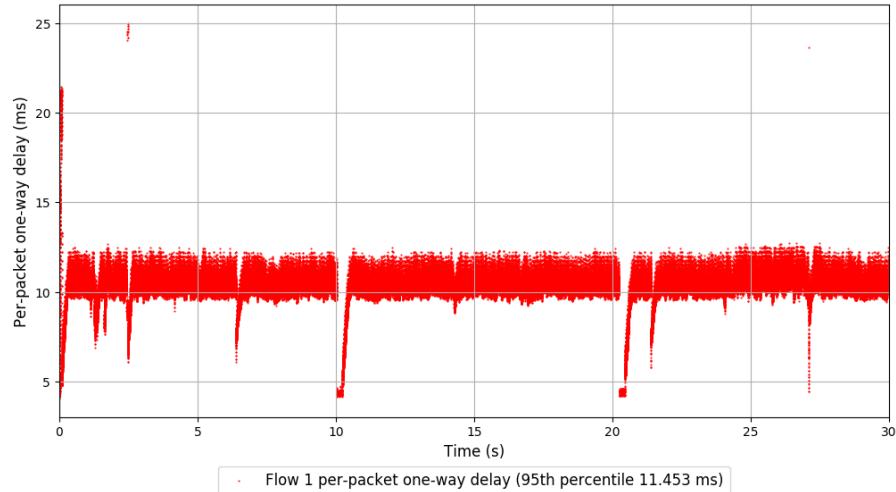
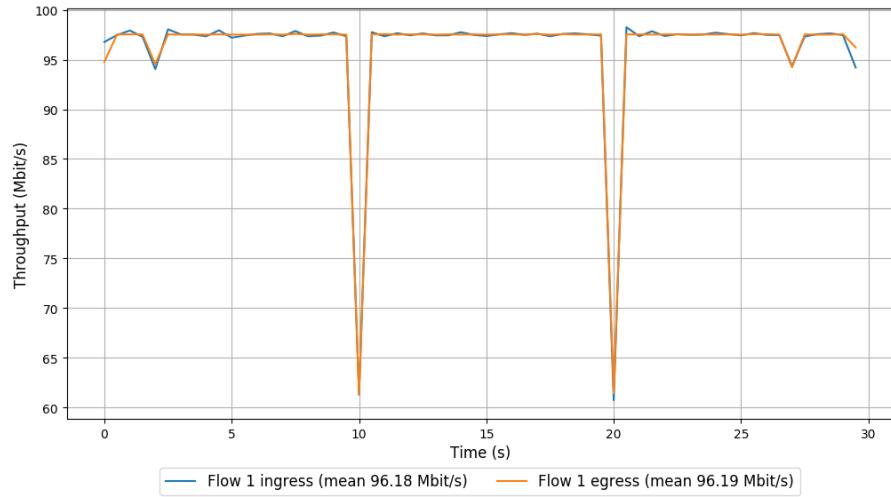


Run 5: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:28:35 +0000
End at: Wed, 05 Jul 2017 08:29:05 +0000
Local clock offset: 0.238 ms
Remote clock offset: -1.748 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 11.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 11.453 ms
Loss rate: 0.00%
```

Run 5: Report of TCP BBR — Data Link

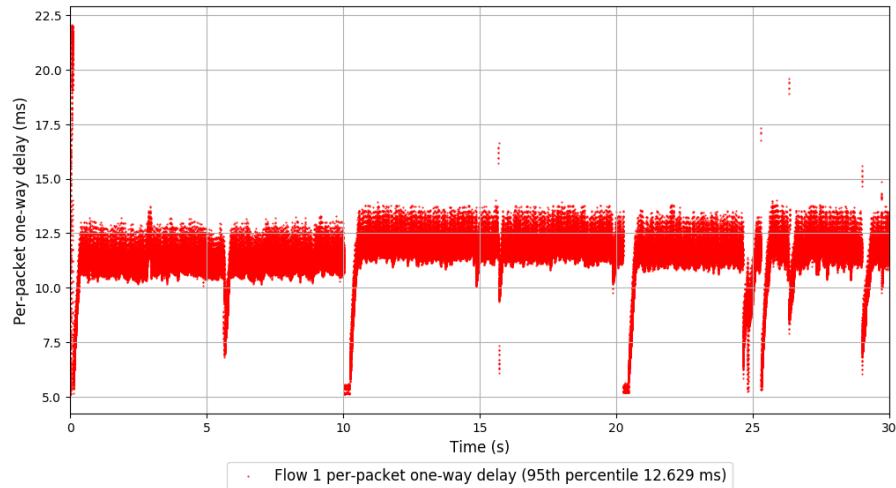
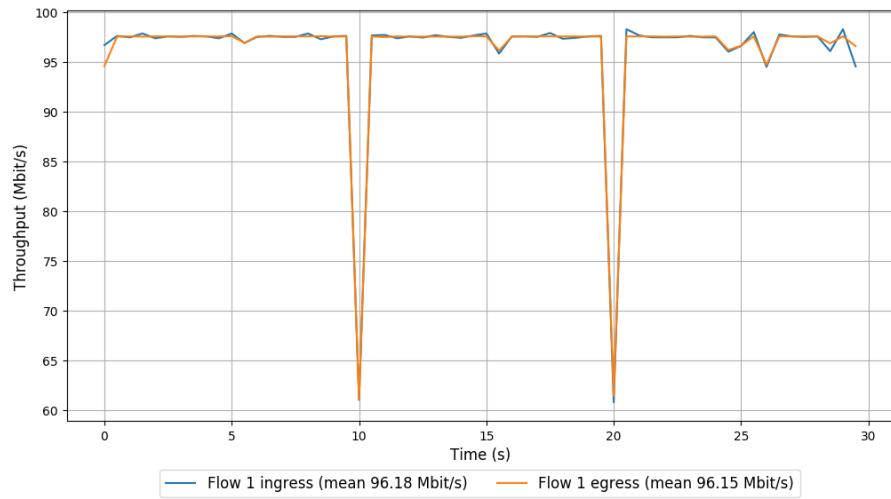


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 08:45:35 +0000
End at: Wed, 05 Jul 2017 08:46:05 +0000
Local clock offset: 0.242 ms
Remote clock offset: -2.945 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 12.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 12.629 ms
Loss rate: 0.00%
```

Run 6: Report of TCP BBR — Data Link

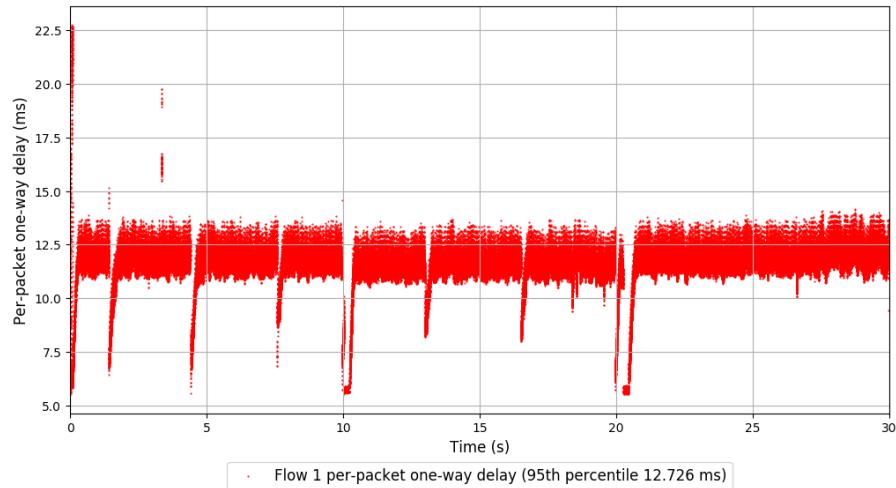
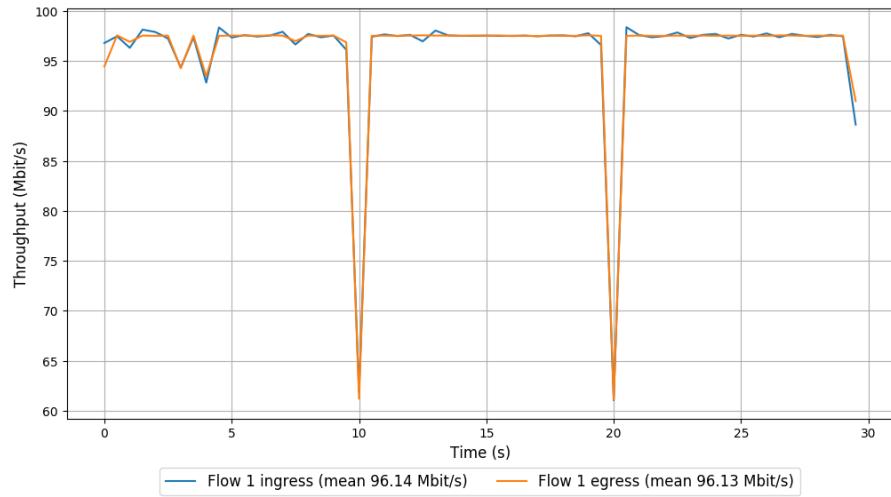


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:02:33 +0000
End at: Wed, 05 Jul 2017 09:03:03 +0000
Local clock offset: 0.168 ms
Remote clock offset: -3.322 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 0.00%
```

Run 7: Report of TCP BBR — Data Link

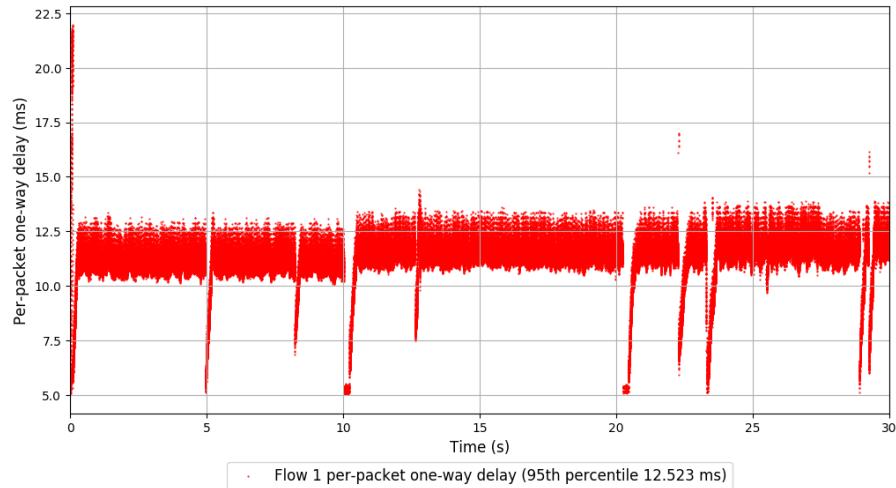
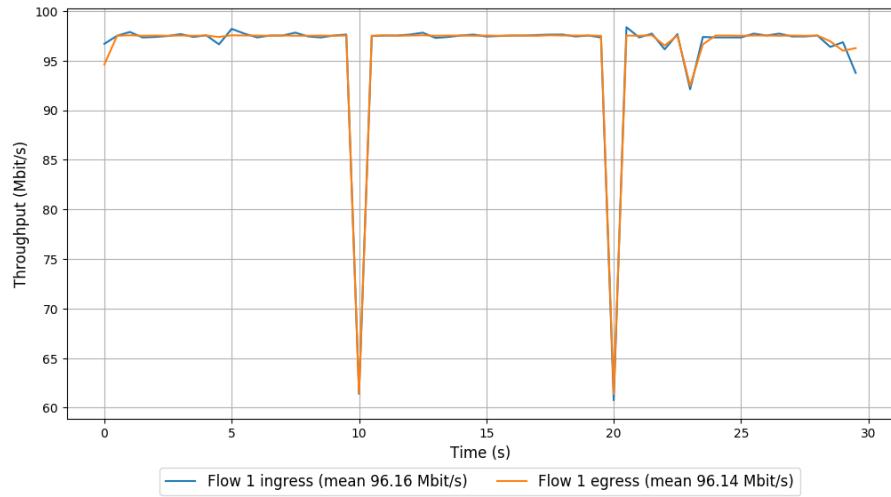


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:19:36 +0000
End at: Wed, 05 Jul 2017 09:20:06 +0000
Local clock offset: 0.113 ms
Remote clock offset: -2.869 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 12.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 12.523 ms
Loss rate: 0.00%
```

Run 8: Report of TCP BBR — Data Link

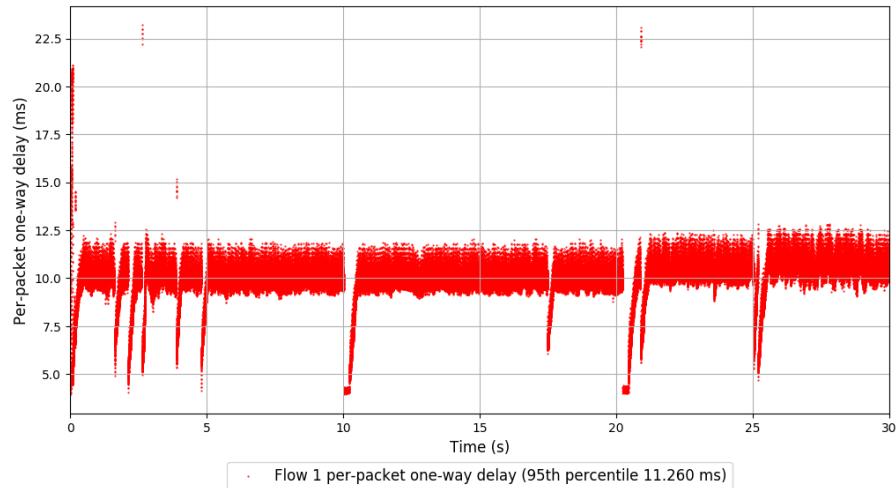
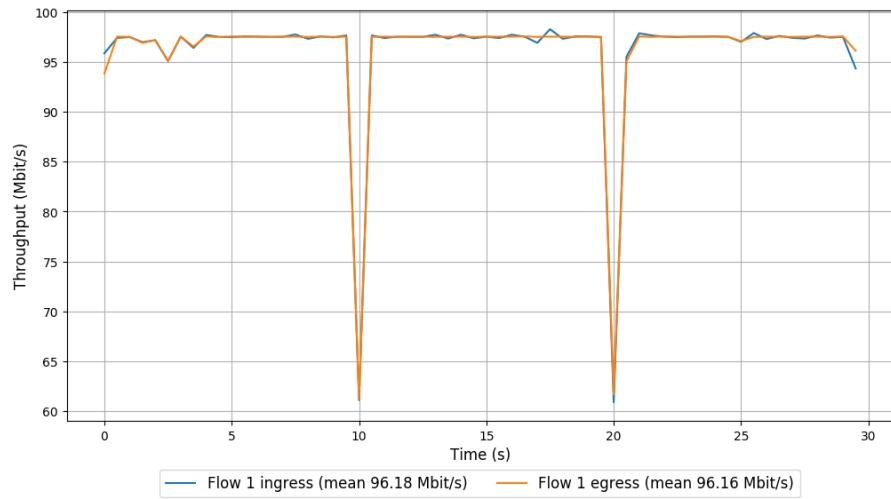


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 09:36:34 +0000
End at: Wed, 05 Jul 2017 09:37:04 +0000
Local clock offset: 0.092 ms
Remote clock offset: -1.766 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 11.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 11.260 ms
Loss rate: 0.00%
```

Run 9: Report of TCP BBR — Data Link

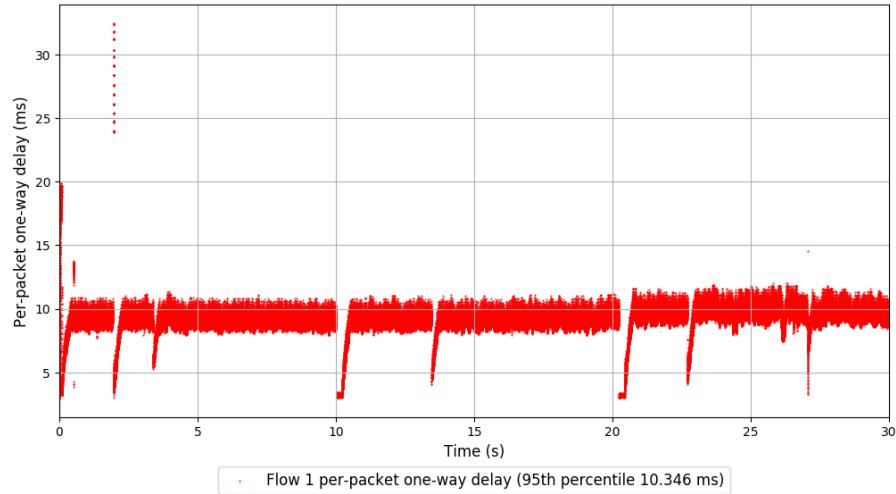
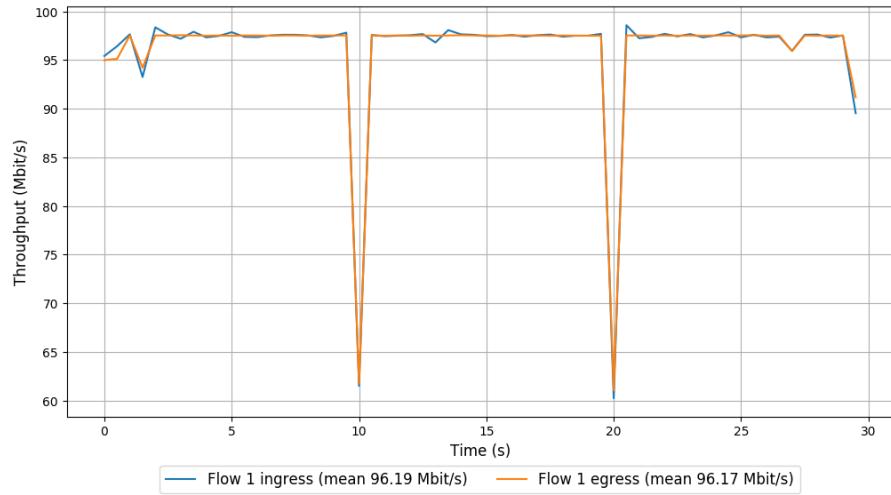


```
Run 10: Statistics of TCP BBR
```

```
Start at: Wed, 05 Jul 2017 09:53:37 +0000
End at: Wed, 05 Jul 2017 09:54:07 +0000
Local clock offset: 0.052 ms
Remote clock offset: -0.839 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 10.346 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 10.346 ms
Loss rate: 0.00%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:26:29 +0000
```

```
End at: Wed, 05 Jul 2017 07:26:59 +0000
```

```
Local clock offset: -0.038 ms
```

```
Remote clock offset: 1.393 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.43 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.326 ms
```

```
Loss rate: 0.00%
```

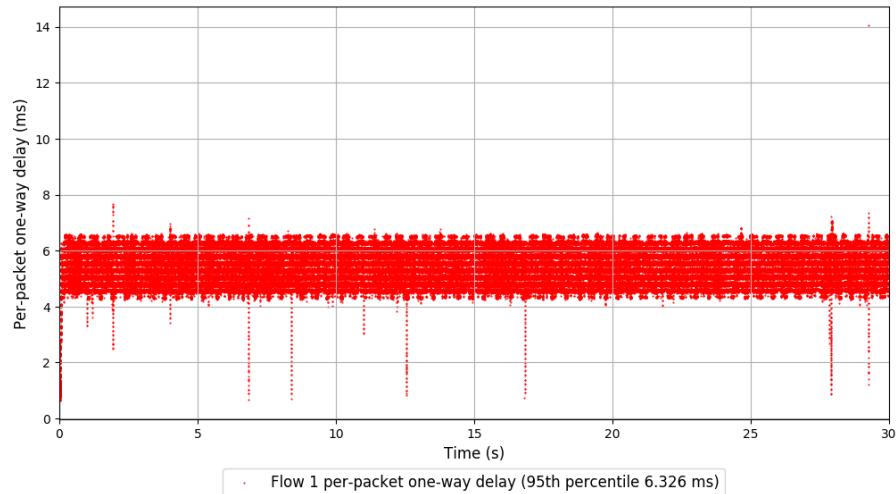
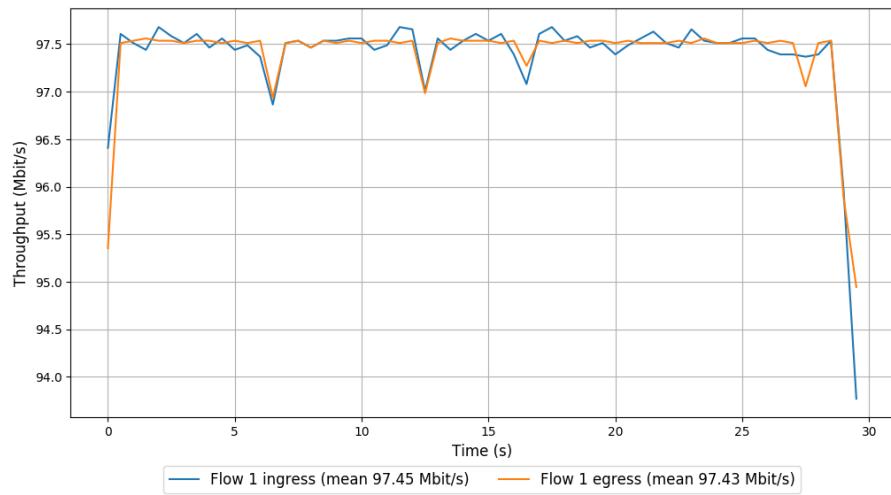
```
-- Flow 1:
```

```
Average throughput: 97.43 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.326 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:43:26 +0000
```

```
End at: Wed, 05 Jul 2017 07:43:56 +0000
```

```
Local clock offset: 0.032 ms
```

```
Remote clock offset: 0.698 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:28:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.355 ms
```

```
Loss rate: 0.00%
```

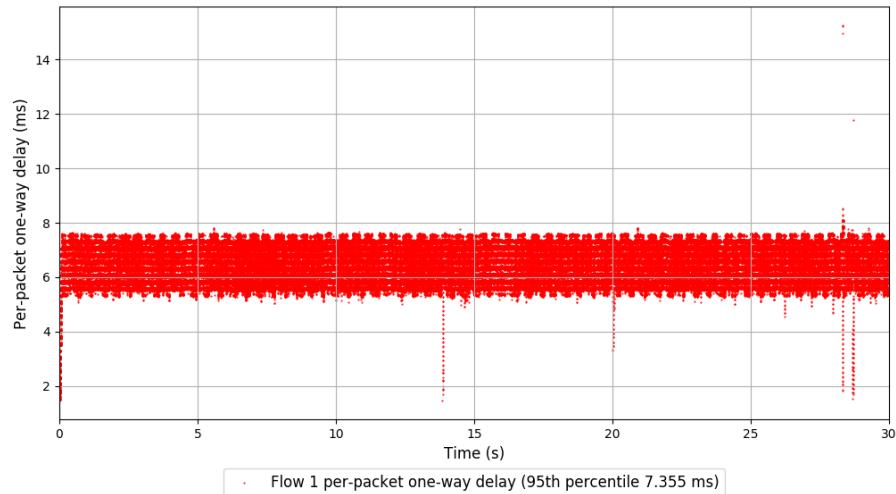
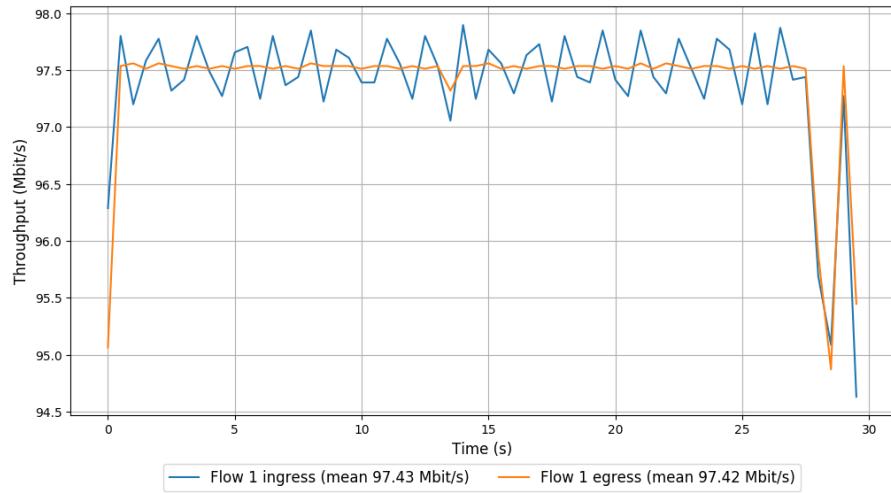
```
-- Flow 1:
```

```
Average throughput: 97.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.355 ms
```

```
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

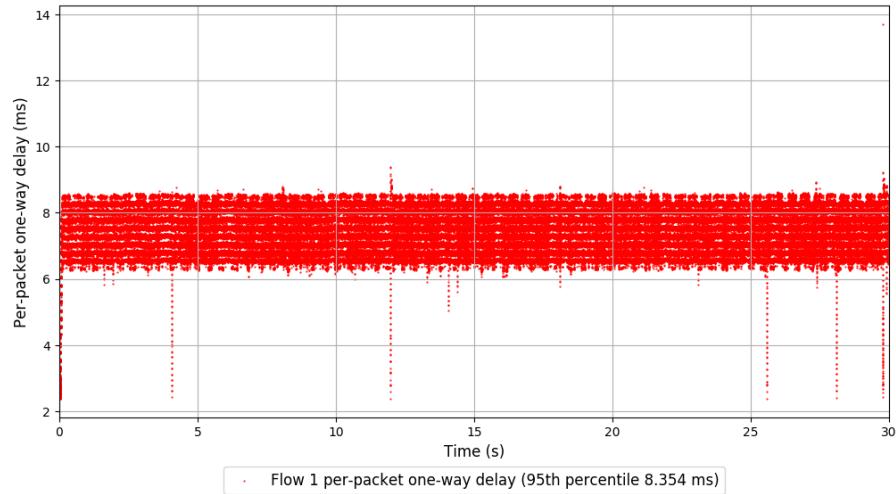
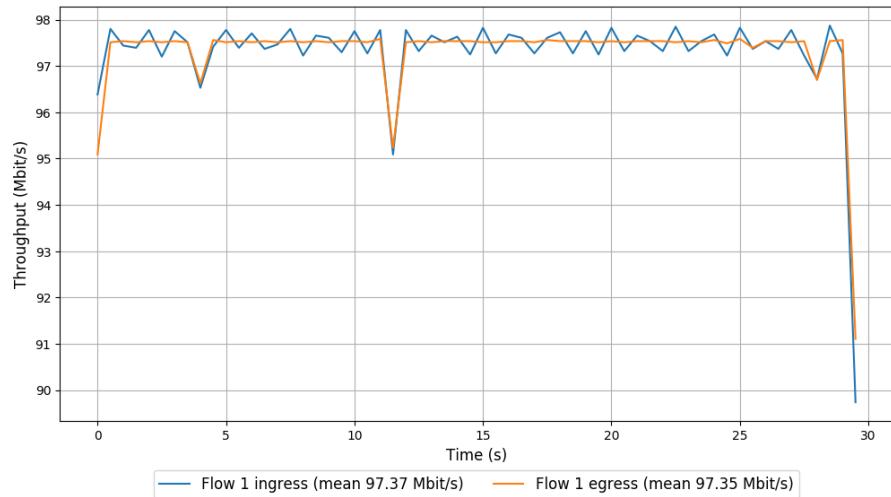


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:00:24 +0000
End at: Wed, 05 Jul 2017 08:00:54 +0000
Local clock offset: 0.184 ms
Remote clock offset: -0.195 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 8.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 8.354 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

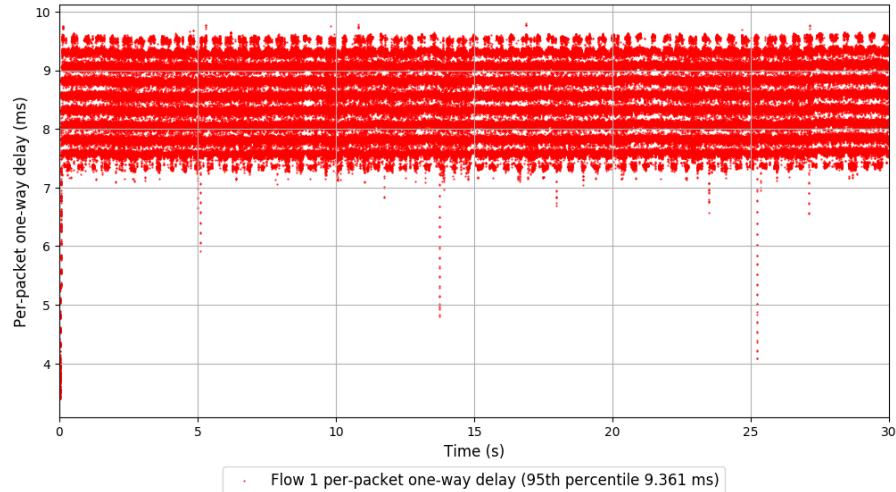
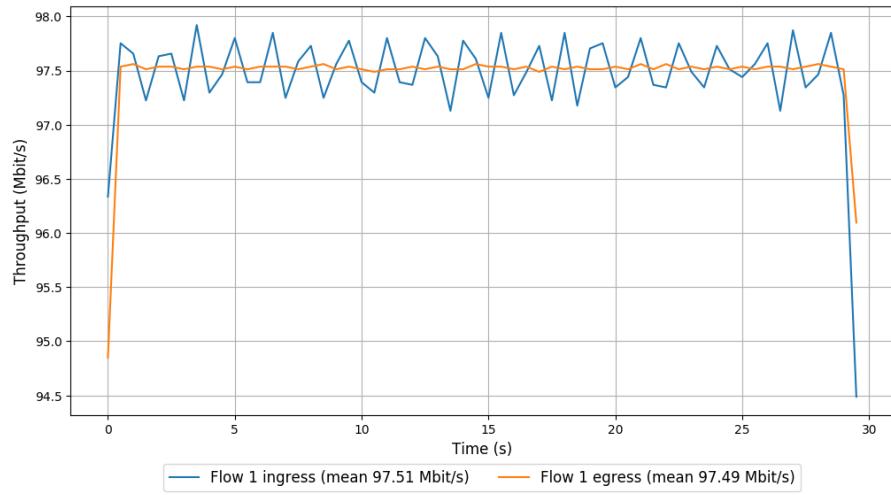


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:17:23 +0000
End at: Wed, 05 Jul 2017 08:17:53 +0000
Local clock offset: 0.269 ms
Remote clock offset: -1.109 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.361 ms
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 08:34:19 +0000
```

```
End at: Wed, 05 Jul 2017 08:34:49 +0000
```

```
Local clock offset: 0.3 ms
```

```
Remote clock offset: -2.056 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:15 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.367 ms
```

```
Loss rate: 0.00%
```

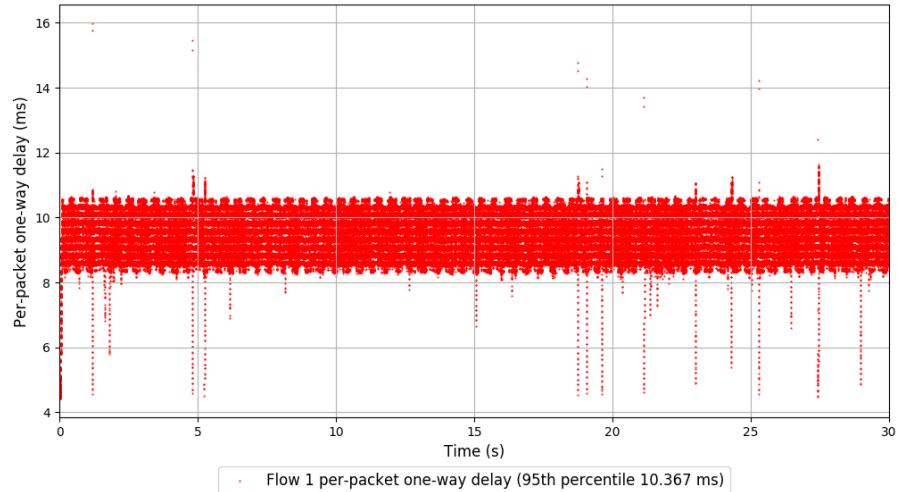
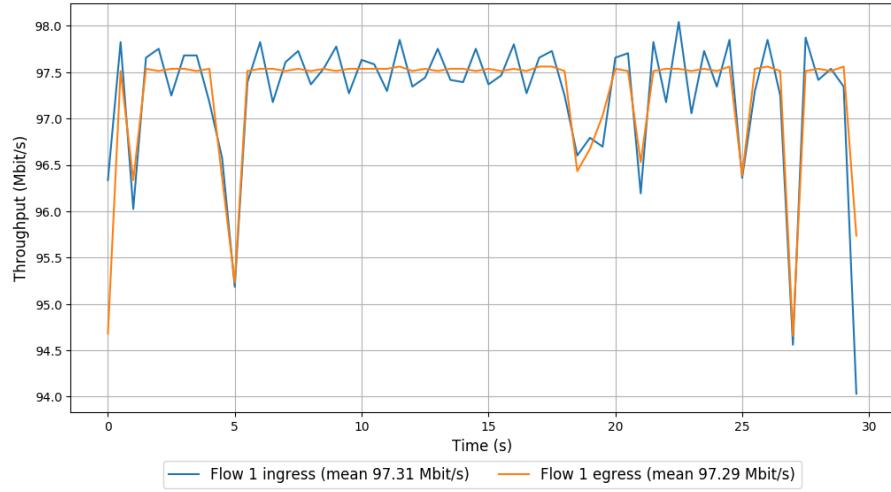
```
-- Flow 1:
```

```
Average throughput: 97.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.367 ms
```

```
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link

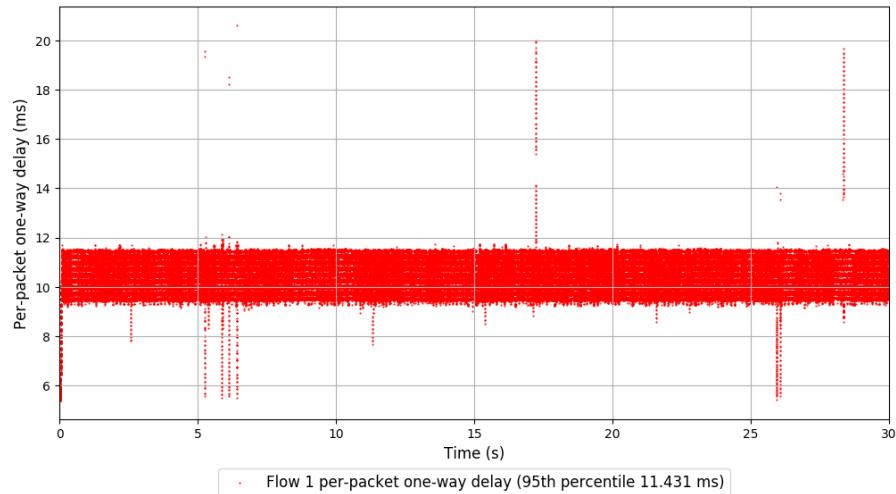
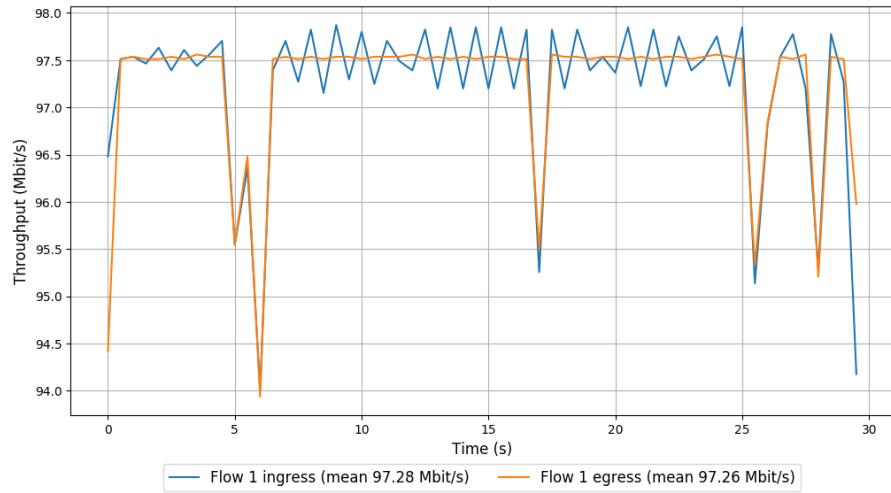


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 08:51:17 +0000
End at: Wed, 05 Jul 2017 08:51:47 +0000
Local clock offset: 0.084 ms
Remote clock offset: -3.198 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 11.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 11.431 ms
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

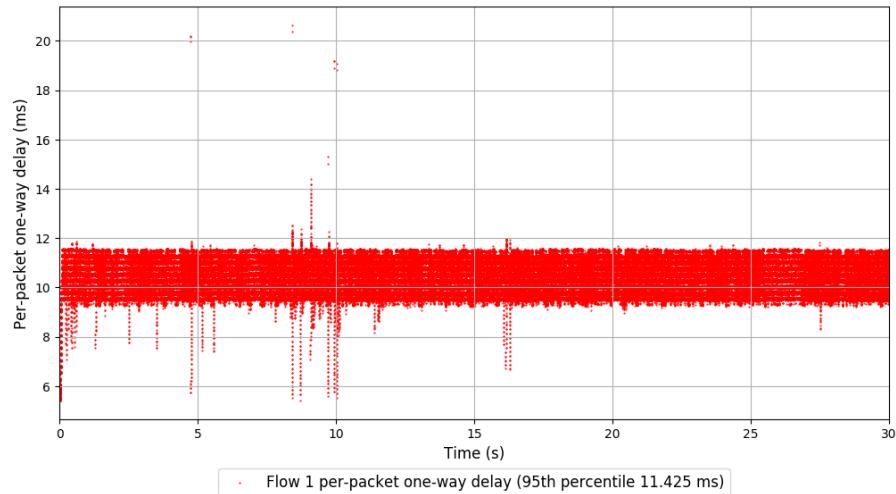
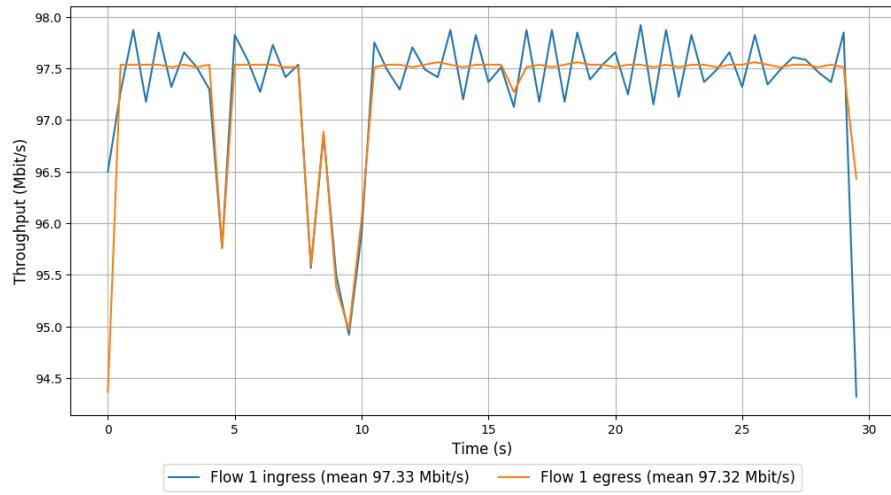


Run 7: Statistics of CalibratedKoho

```
Start at: Wed, 05 Jul 2017 09:08:16 +0000
End at: Wed, 05 Jul 2017 09:08:46 +0000
Local clock offset: 0.149 ms
Remote clock offset: -3.283 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 11.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 11.425 ms
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 09:25:19 +0000
```

```
End at: Wed, 05 Jul 2017 09:25:49 +0000
```

```
Local clock offset: 0.003 ms
```

```
Remote clock offset: -2.555 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:30 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.356 ms
```

```
Loss rate: 0.00%
```

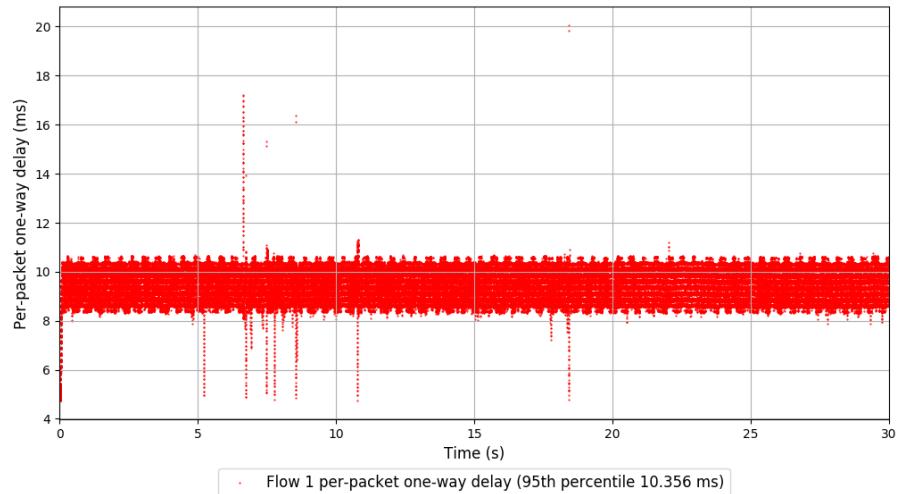
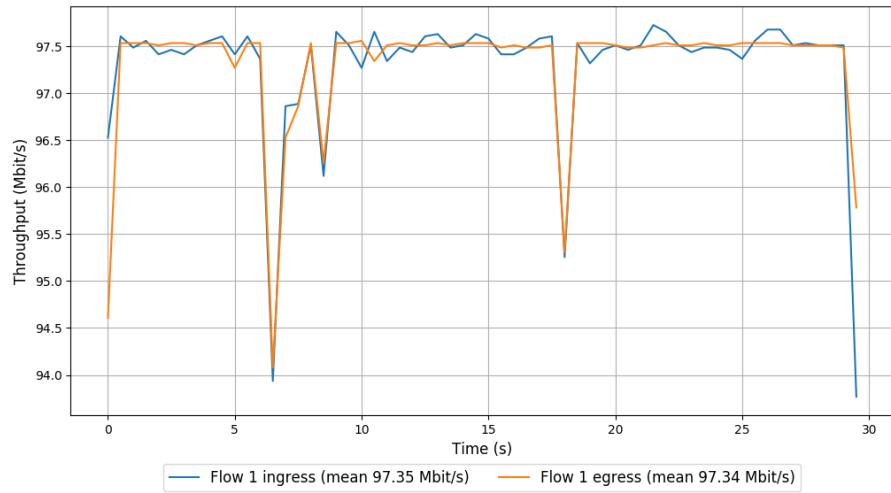
```
-- Flow 1:
```

```
Average throughput: 97.34 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.356 ms
```

```
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 09:42:18 +0000
```

```
End at: Wed, 05 Jul 2017 09:42:48 +0000
```

```
Local clock offset: 0.148 ms
```

```
Remote clock offset: -1.44 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.315 ms
```

```
Loss rate: 0.00%
```

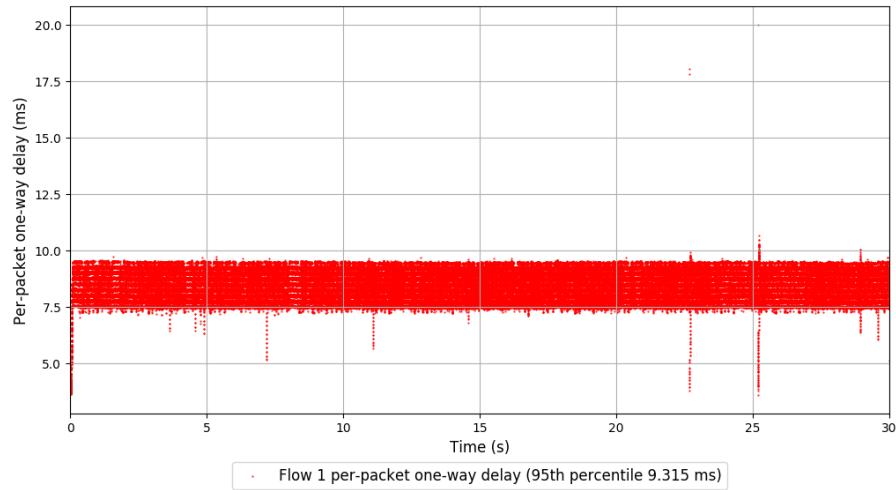
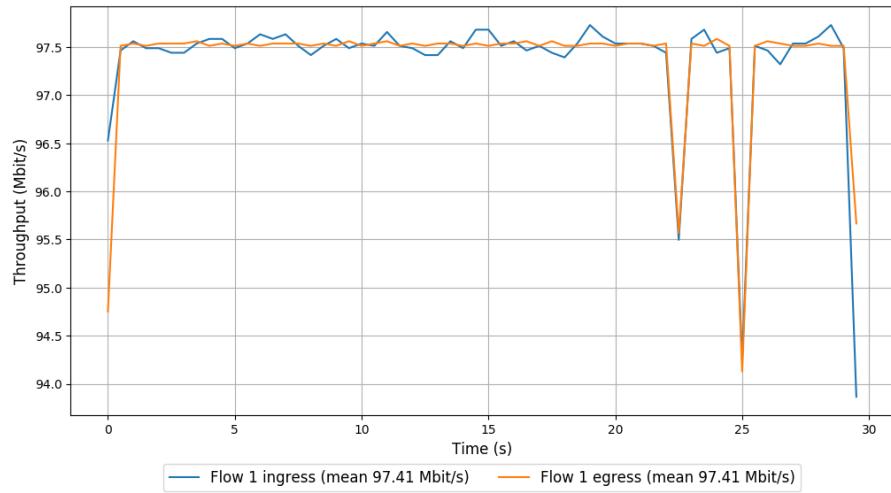
```
-- Flow 1:
```

```
Average throughput: 97.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.315 ms
```

```
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 09:59:20 +0000
```

```
End at: Wed, 05 Jul 2017 09:59:50 +0000
```

```
Local clock offset: 0.124 ms
```

```
Remote clock offset: -0.553 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:29:44 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.347 ms
```

```
Loss rate: 0.00%
```

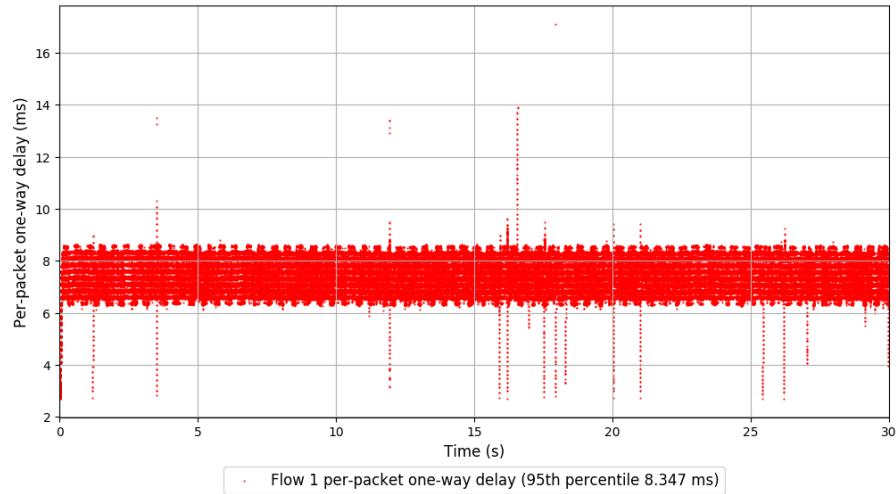
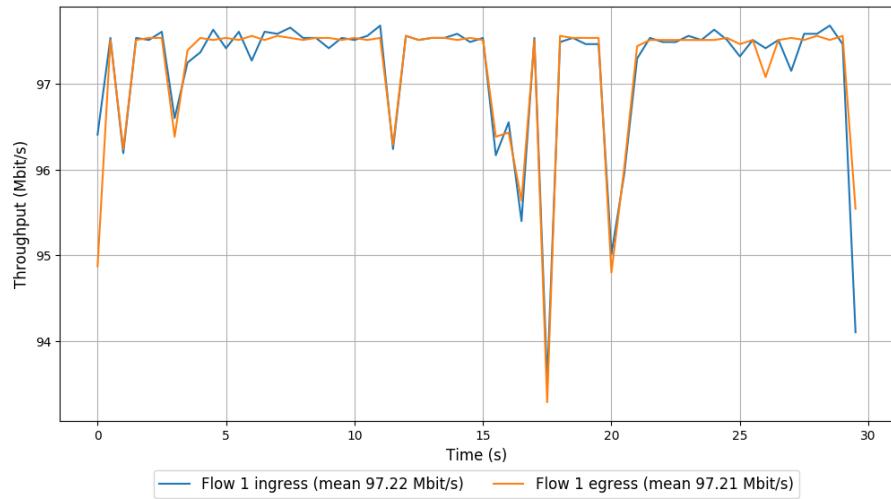
```
-- Flow 1:
```

```
Average throughput: 97.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.347 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

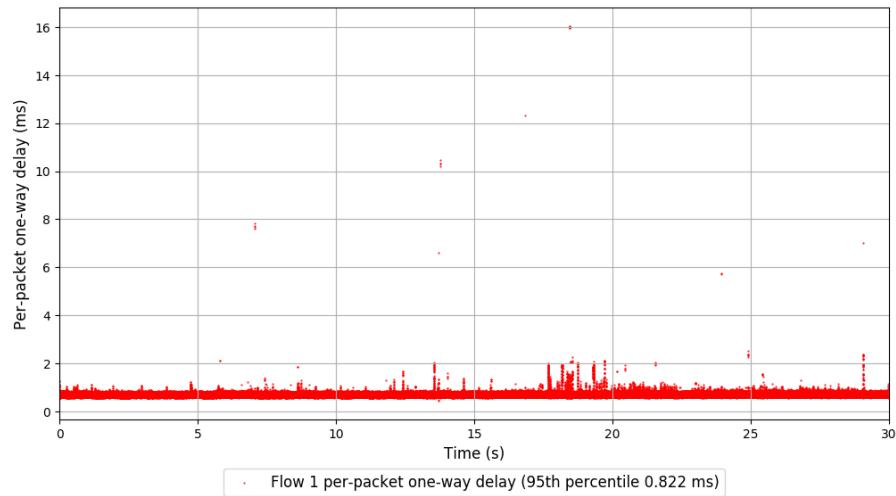
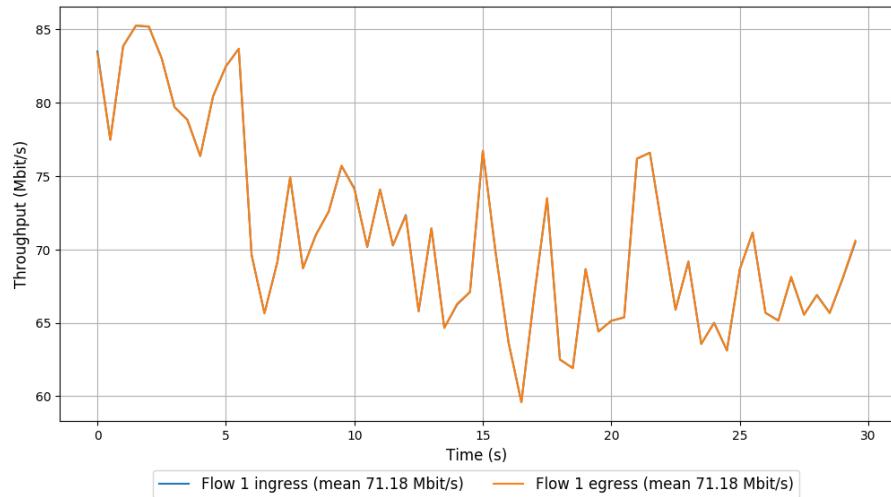


Run 1: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:24:09 +0000
End at: Wed, 05 Jul 2017 07:24:39 +0000
Local clock offset: -0.028 ms
Remote clock offset: 1.474 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 0.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 0.822 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

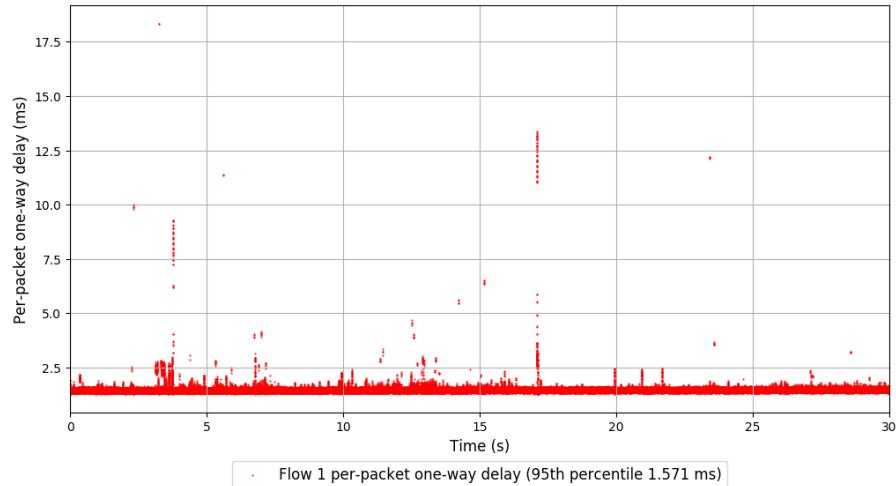
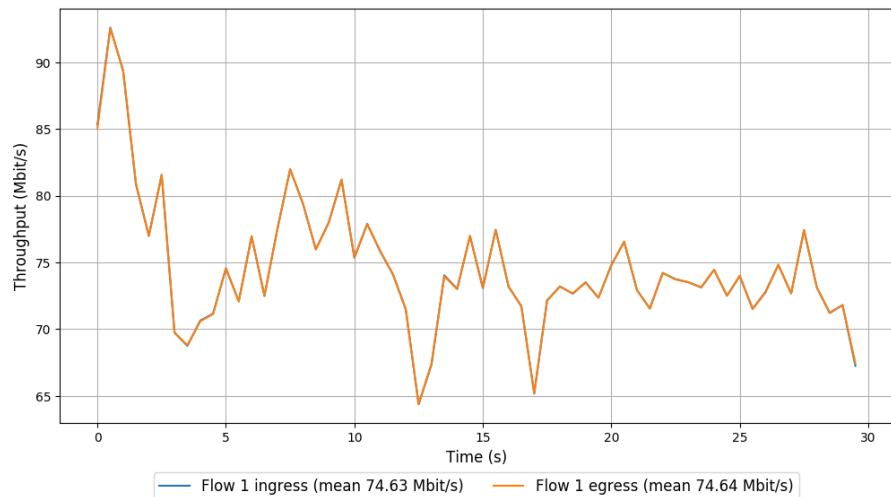


Run 2: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:41:06 +0000
End at: Wed, 05 Jul 2017 07:41:36 +0000
Local clock offset: 0.025 ms
Remote clock offset: 0.805 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 1.571 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 1.571 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

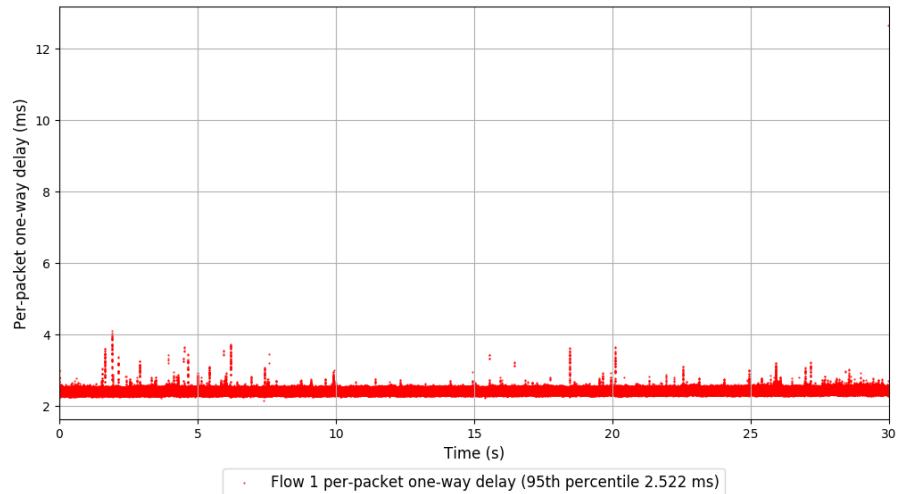
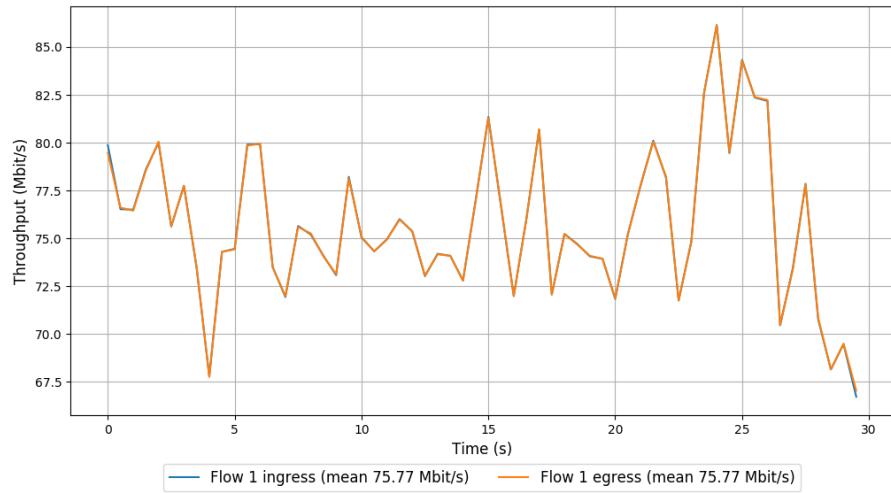


Run 3: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 07:58:04 +0000
End at: Wed, 05 Jul 2017 07:58:34 +0000
Local clock offset: 0.152 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

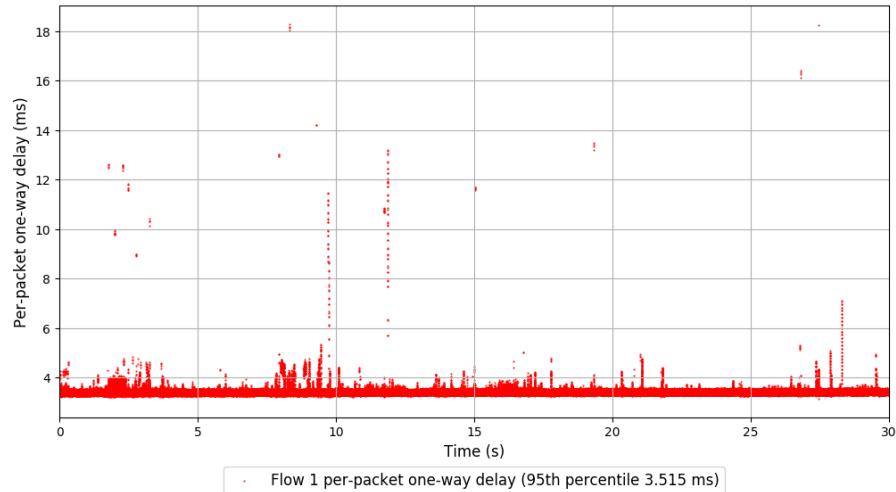
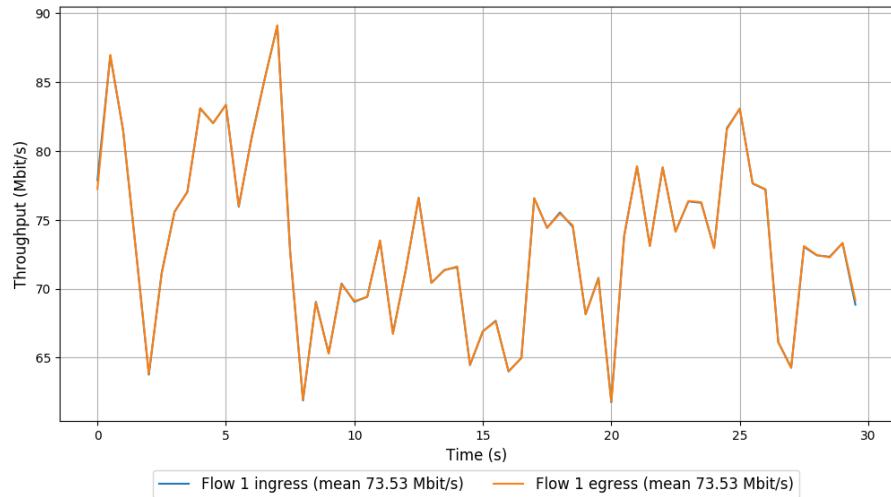


Run 4: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:15:03 +0000
End at: Wed, 05 Jul 2017 08:15:33 +0000
Local clock offset: 0.156 ms
Remote clock offset: -0.934 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 3.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 3.515 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

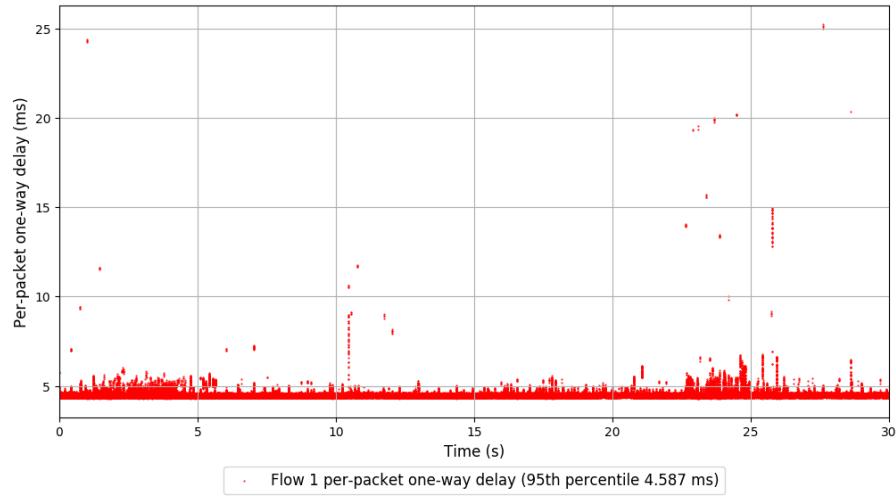
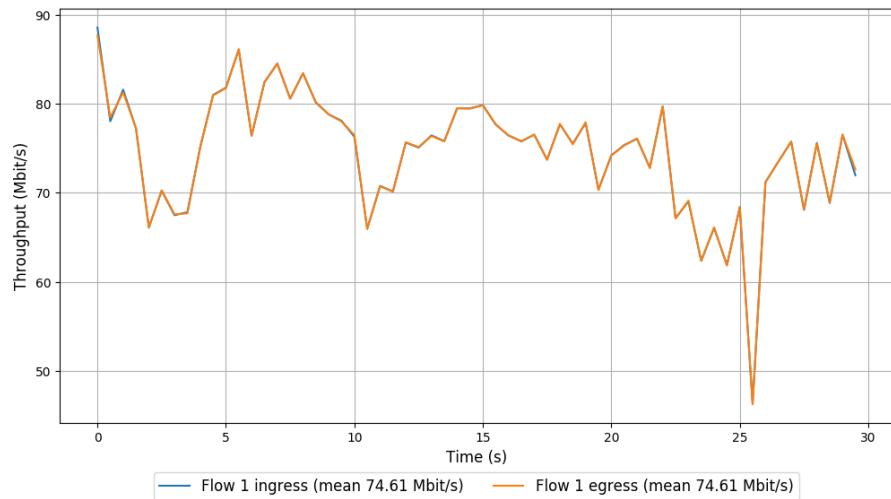


Run 5: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:31:59 +0000
End at: Wed, 05 Jul 2017 08:32:29 +0000
Local clock offset: 0.326 ms
Remote clock offset: -1.9 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 4.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 4.587 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

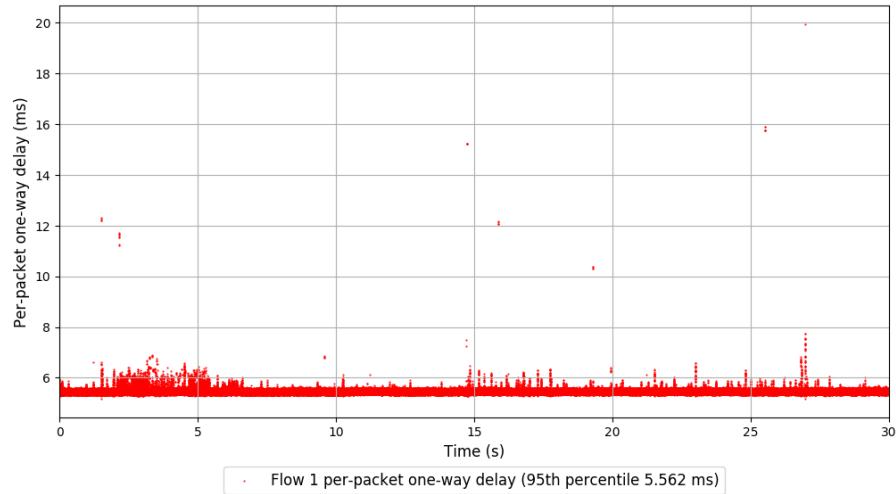
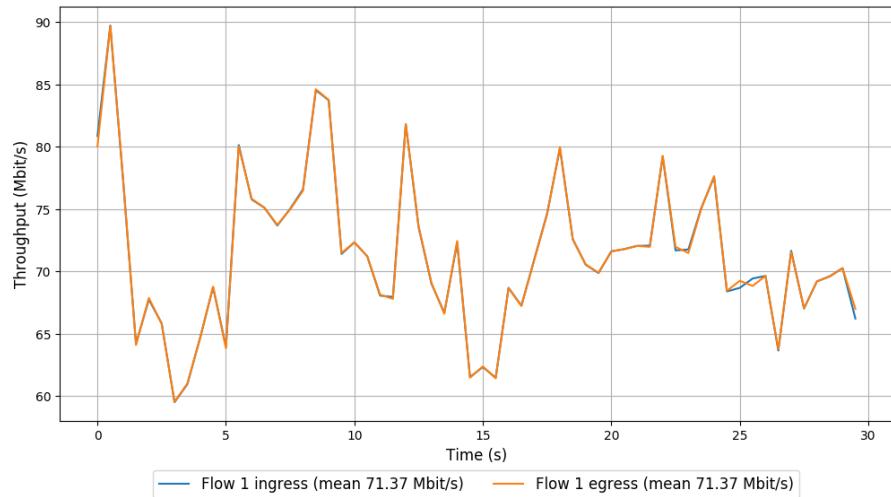


Run 6: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 08:48:58 +0000
End at: Wed, 05 Jul 2017 08:49:28 +0000
Local clock offset: 0.201 ms
Remote clock offset: -3.001 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 5.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 5.562 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

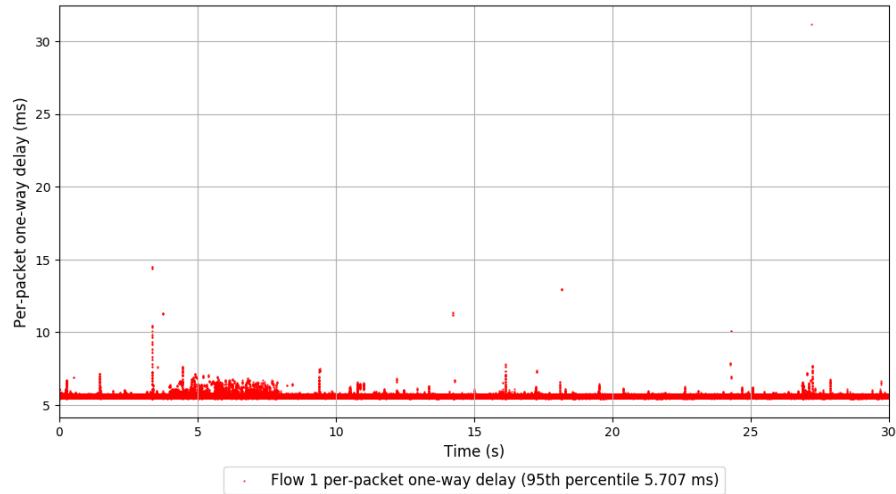
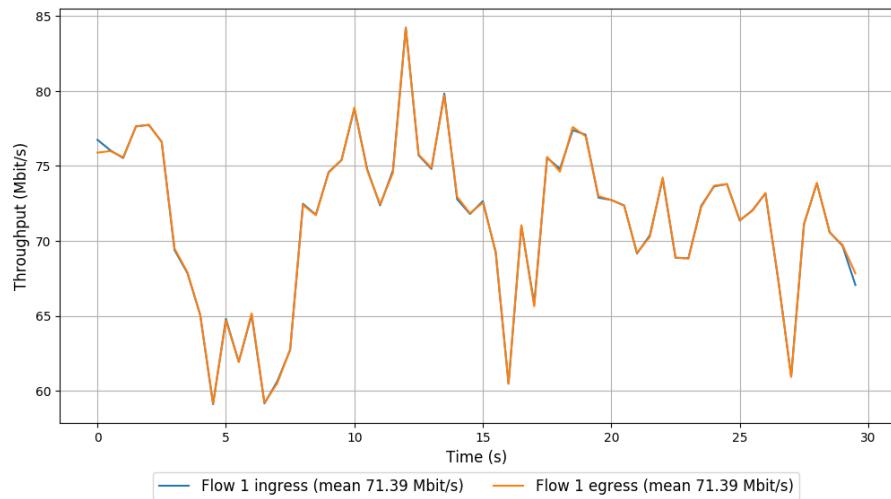


Run 7: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:05:56 +0000
End at: Wed, 05 Jul 2017 09:06:26 +0000
Local clock offset: 0.115 ms
Remote clock offset: -3.352 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 5.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 5.707 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

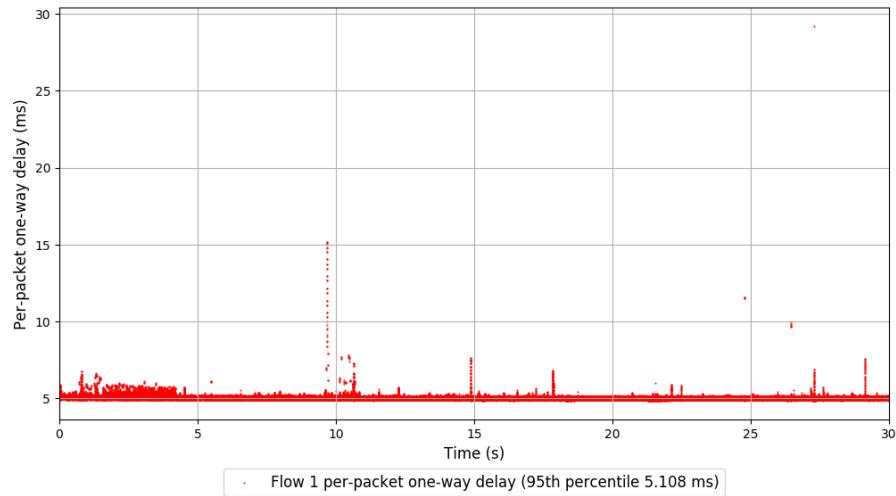
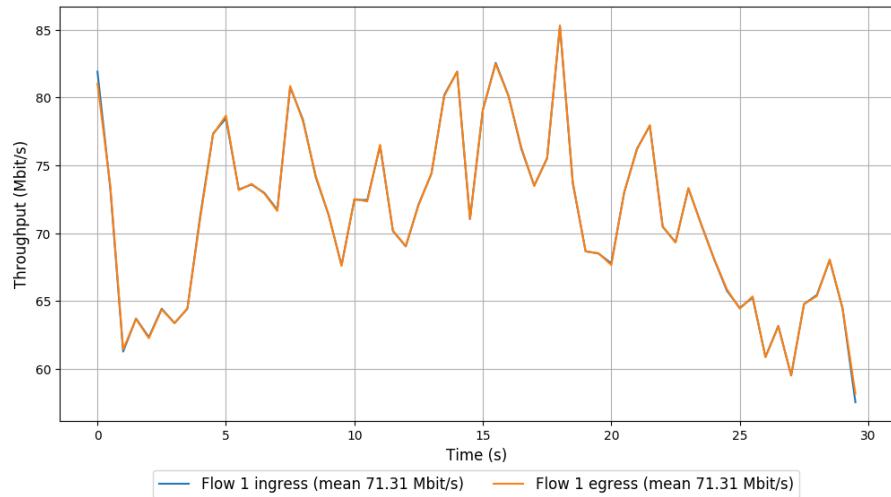


Run 8: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:22:59 +0000
End at: Wed, 05 Jul 2017 09:23:30 +0000
Local clock offset: 0.034 ms
Remote clock offset: -2.733 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:30:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.31 Mbit/s
95th percentile per-packet one-way delay: 5.108 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.31 Mbit/s
95th percentile per-packet one-way delay: 5.108 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

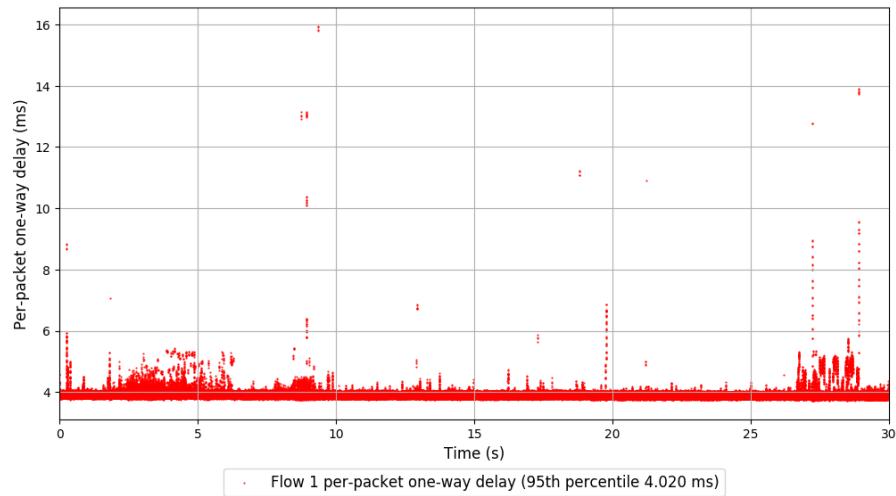
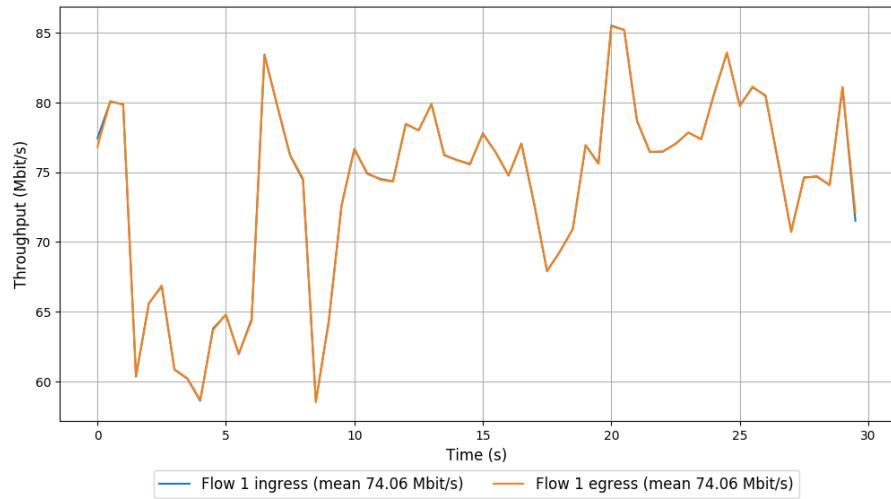


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:39:58 +0000
End at: Wed, 05 Jul 2017 09:40:28 +0000
Local clock offset: 0.112 ms
Remote clock offset: -1.548 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 4.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 4.020 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

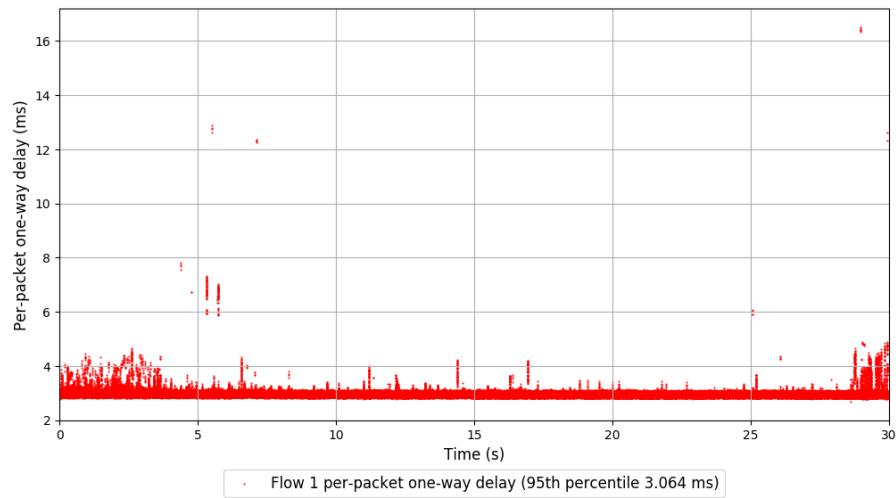
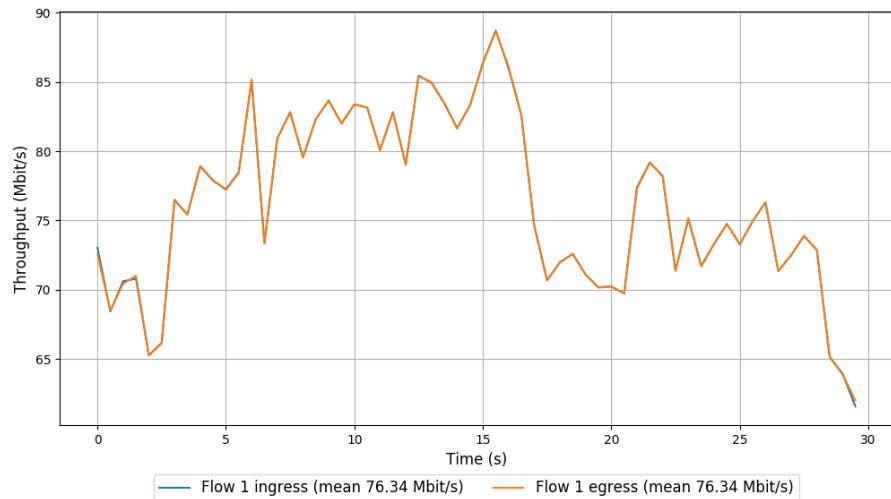


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 09:57:00 +0000
End at: Wed, 05 Jul 2017 09:57:30 +0000
Local clock offset: 0.114 ms
Remote clock offset: -0.736 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.34 Mbit/s
95th percentile per-packet one-way delay: 3.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.34 Mbit/s
95th percentile per-packet one-way delay: 3.064 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:23:00 +0000
```

```
End at: Wed, 05 Jul 2017 07:23:30 +0000
```

```
Local clock offset: -0.04 ms
```

```
Remote clock offset: 1.515 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.927 ms
```

```
Loss rate: 0.61%
```

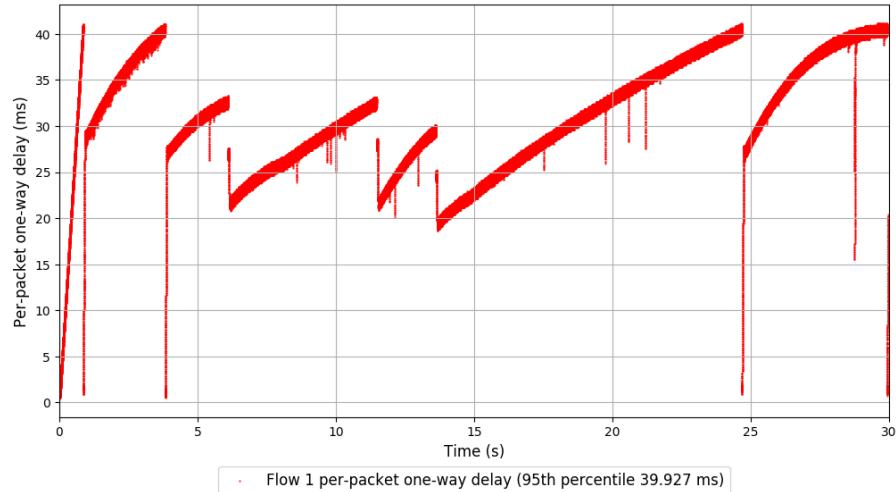
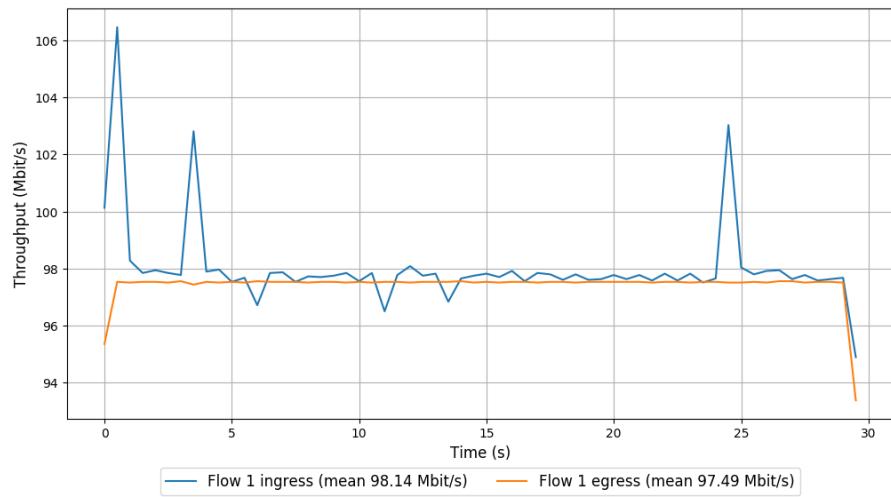
```
-- Flow 1:
```

```
Average throughput: 97.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 39.927 ms
```

```
Loss rate: 0.61%
```

Run 1: Report of TCP Cubic — Data Link

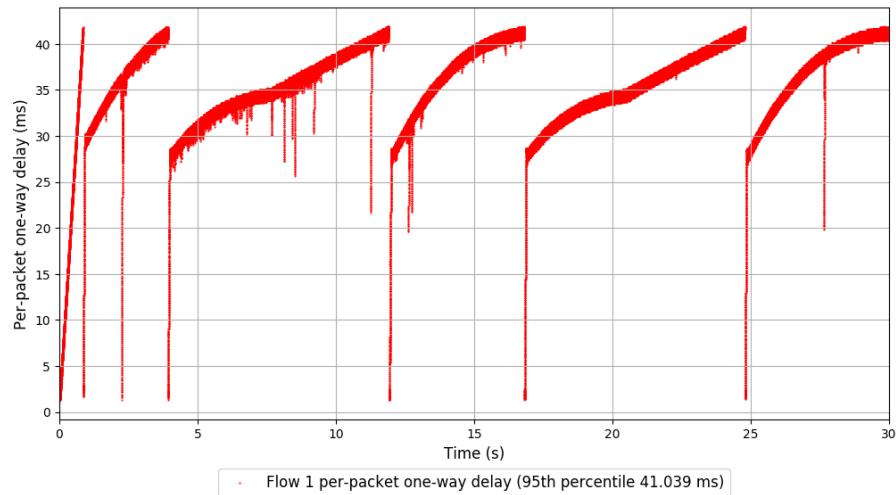
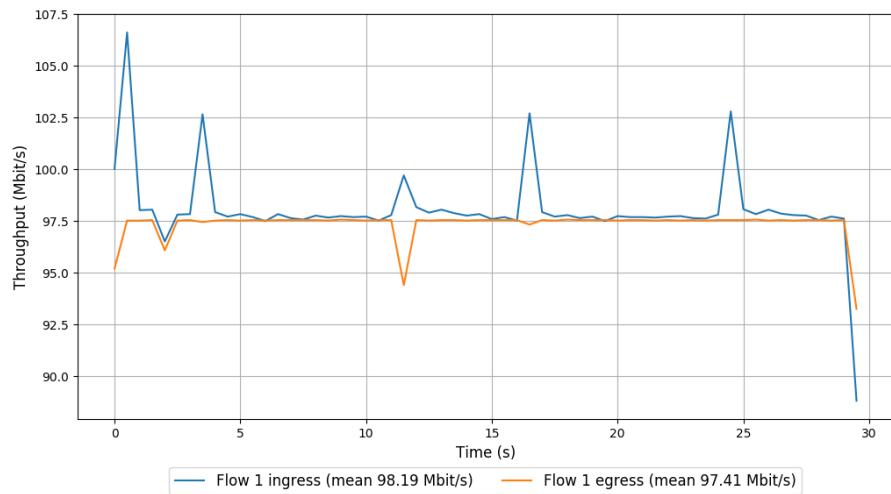


Run 2: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 07:39:57 +0000
End at: Wed, 05 Jul 2017 07:40:27 +0000
Local clock offset: 0.035 ms
Remote clock offset: 0.757 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 41.039 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 41.039 ms
Loss rate: 0.72%
```

Run 2: Report of TCP Cubic — Data Link



```
Run 3: Statistics of TCP Cubic
```

```
Start at: Wed, 05 Jul 2017 07:56:55 +0000
```

```
End at: Wed, 05 Jul 2017 07:57:25 +0000
```

```
Local clock offset: 0.132 ms
```

```
Remote clock offset: -0.053 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:40 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 41.928 ms
```

```
Loss rate: 0.74%
```

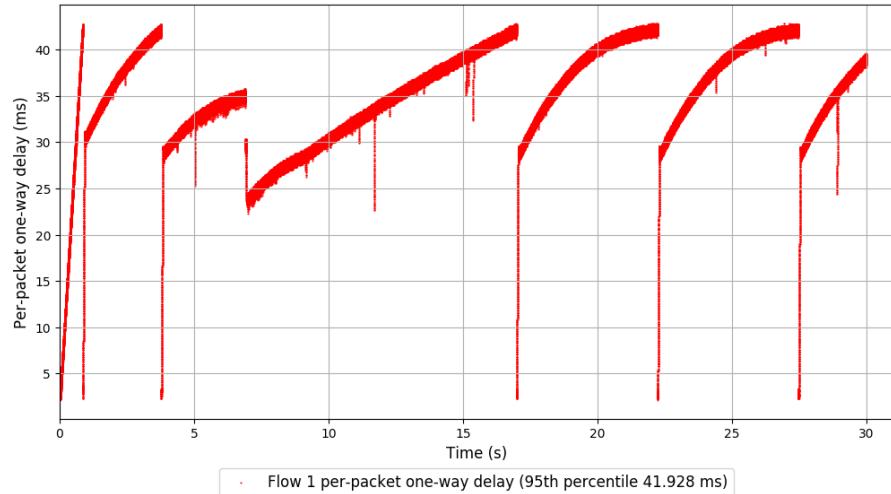
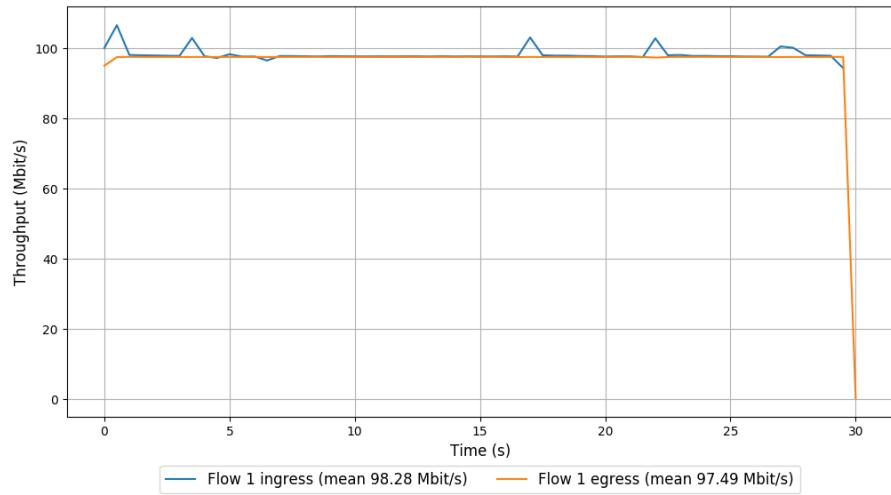
```
-- Flow 1:
```

```
Average throughput: 97.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 41.928 ms
```

```
Loss rate: 0.74%
```

Run 3: Report of TCP Cubic — Data Link

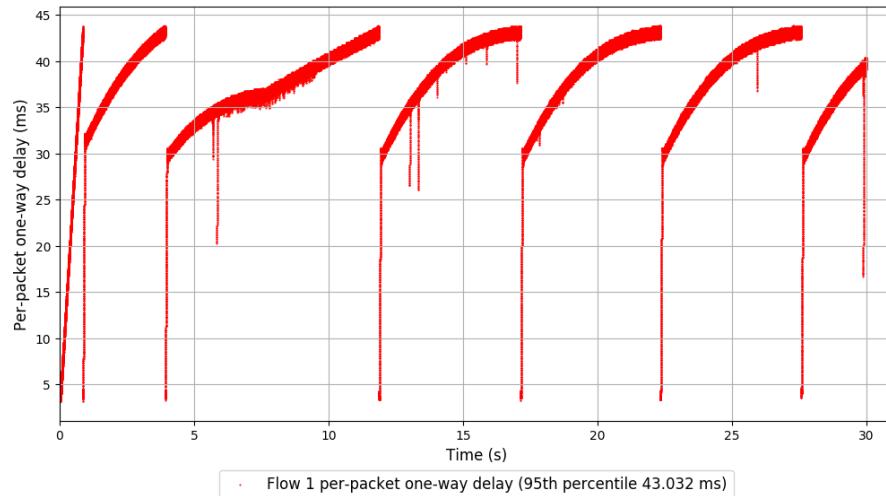
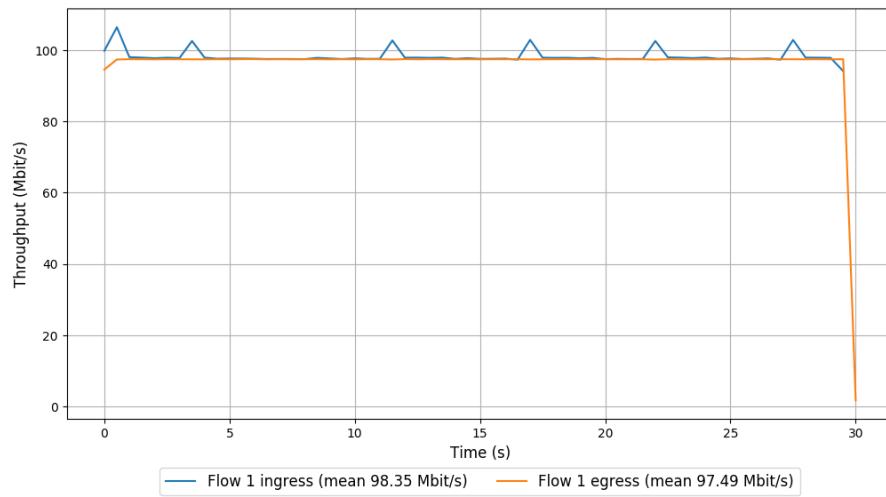


Run 4: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:13:54 +0000
End at: Wed, 05 Jul 2017 08:14:24 +0000
Local clock offset: 0.209 ms
Remote clock offset: -0.881 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 43.032 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 43.032 ms
Loss rate: 0.83%
```

Run 4: Report of TCP Cubic — Data Link

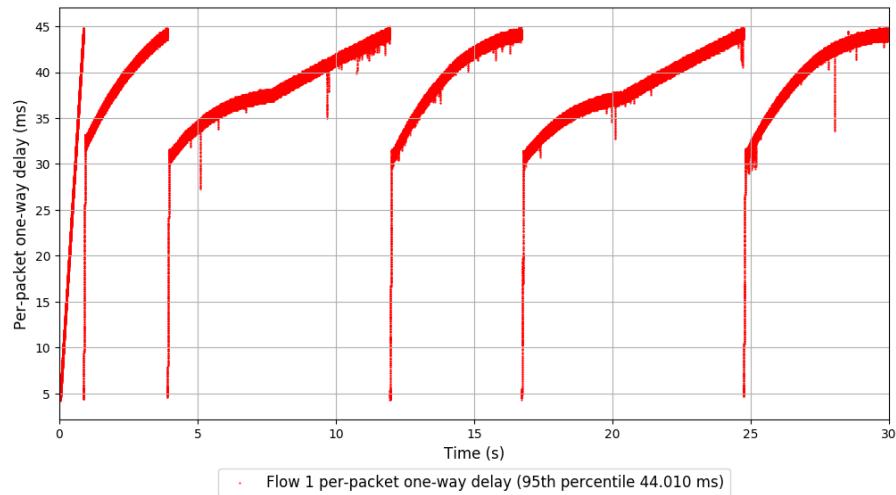
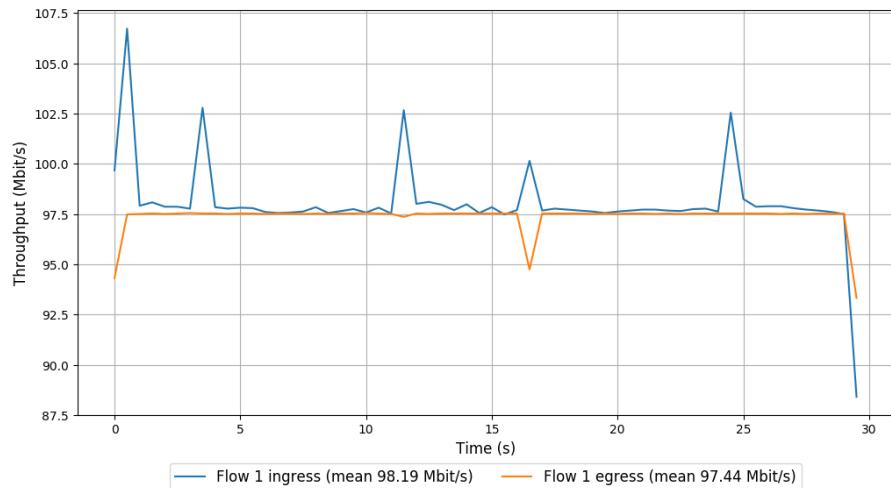


Run 5: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:30:50 +0000
End at: Wed, 05 Jul 2017 08:31:20 +0000
Local clock offset: 0.286 ms
Remote clock offset: -1.86 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 44.010 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 44.010 ms
Loss rate: 0.72%
```

Run 5: Report of TCP Cubic — Data Link

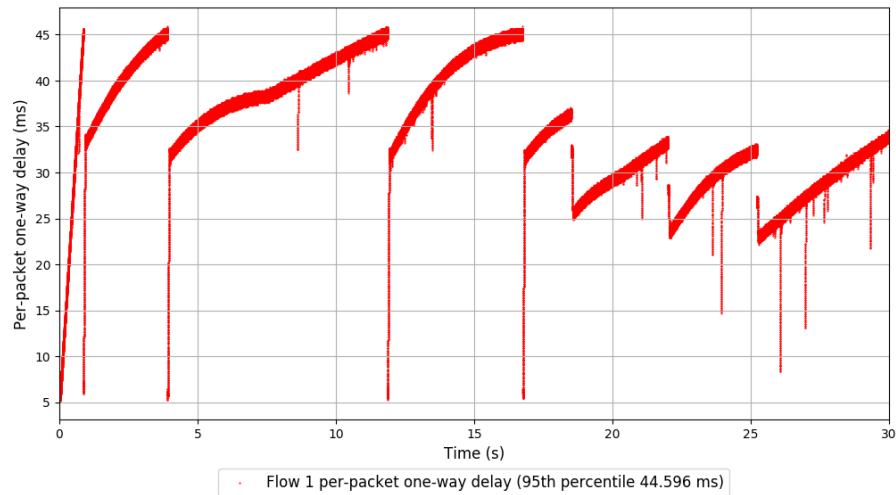
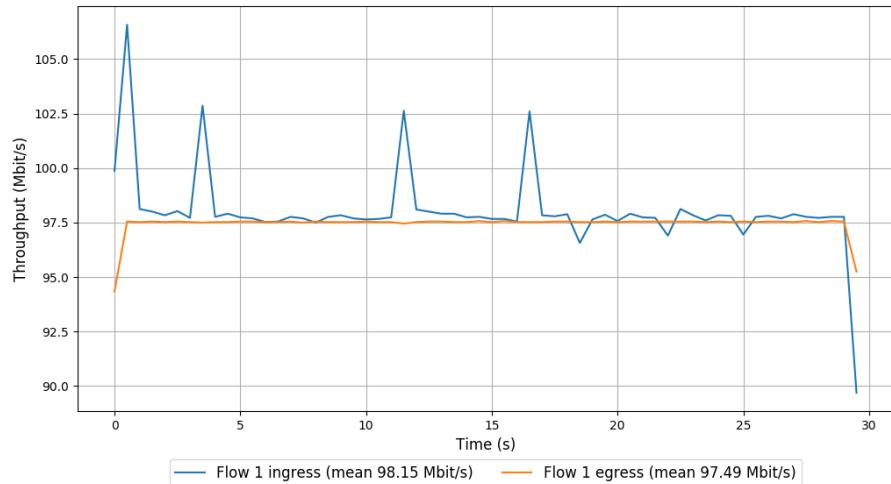


Run 6: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 08:47:49 +0000
End at: Wed, 05 Jul 2017 08:48:19 +0000
Local clock offset: 0.176 ms
Remote clock offset: -3.014 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:31:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 44.596 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 44.596 ms
Loss rate: 0.59%
```

Run 6: Report of TCP Cubic — Data Link

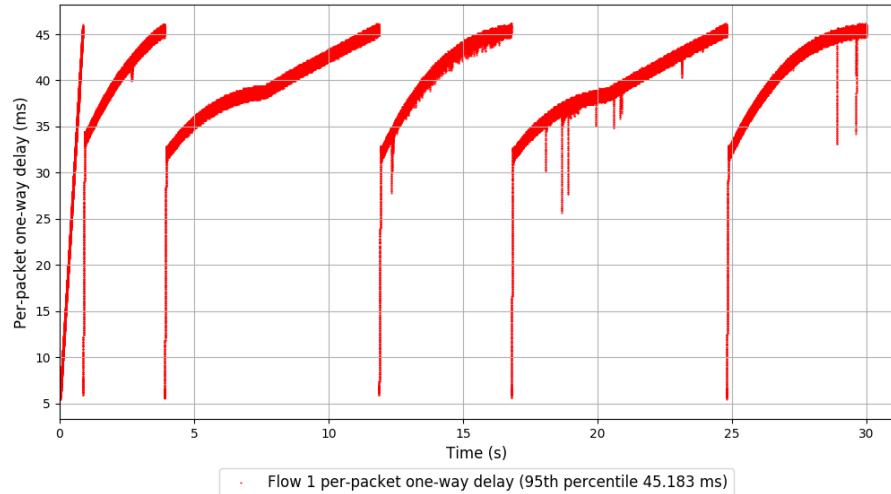
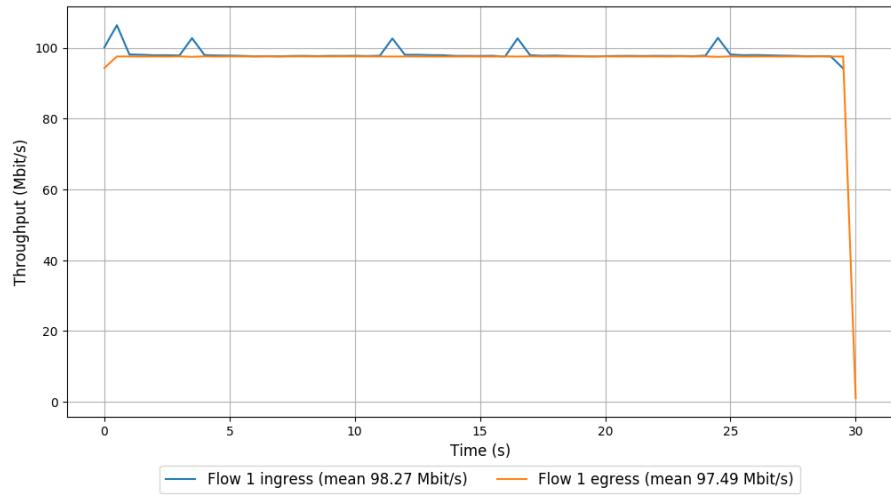


Run 7: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:04:47 +0000
End at: Wed, 05 Jul 2017 09:05:17 +0000
Local clock offset: 0.128 ms
Remote clock offset: -3.273 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 45.183 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 45.183 ms
Loss rate: 0.73%
```

Run 7: Report of TCP Cubic — Data Link

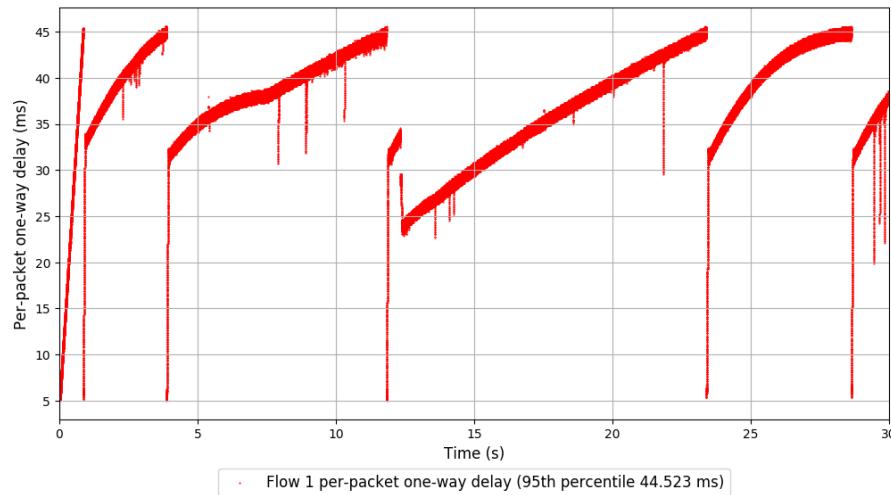
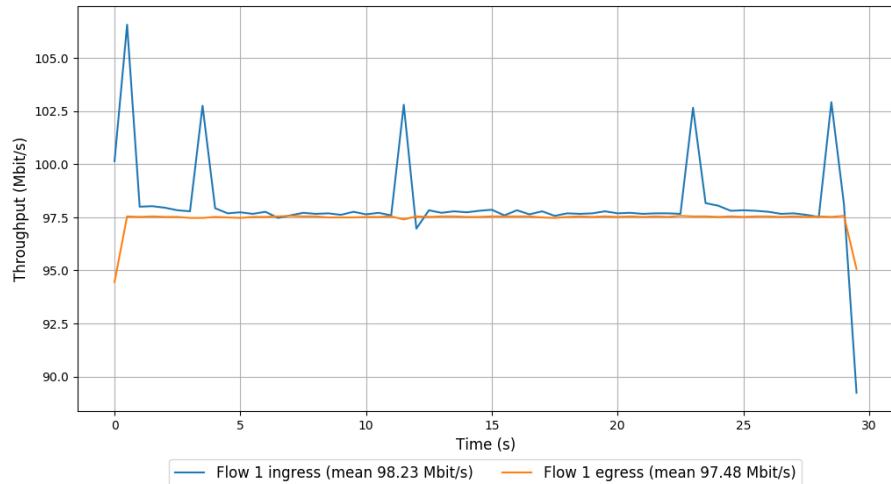


Run 8: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:21:51 +0000
End at: Wed, 05 Jul 2017 09:22:21 +0000
Local clock offset: 0.113 ms
Remote clock offset: -2.811 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 44.523 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 44.523 ms
Loss rate: 0.70%
```

Run 8: Report of TCP Cubic — Data Link

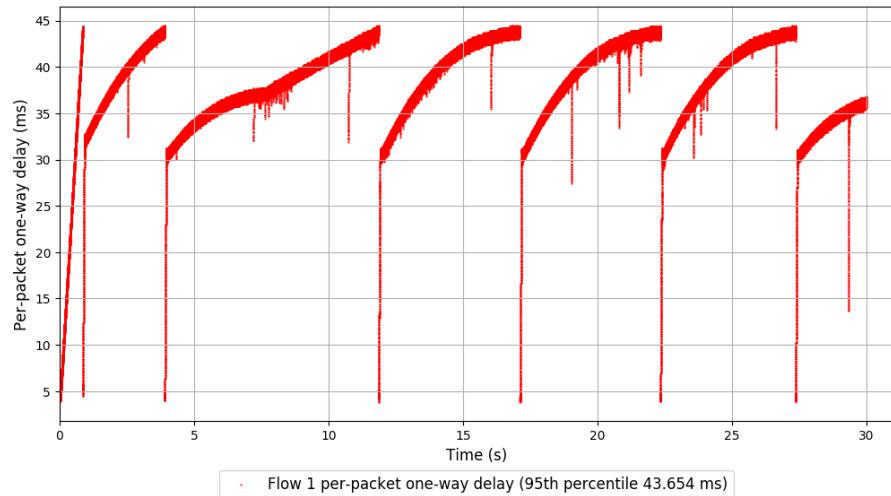
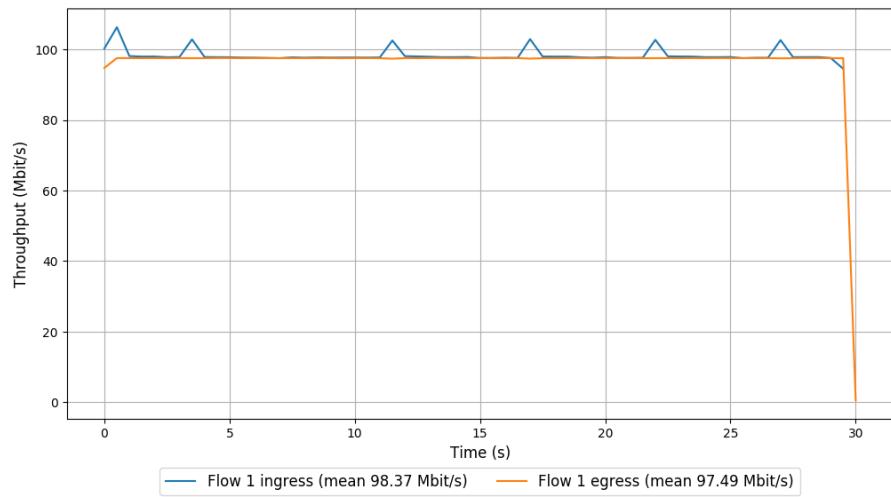


Run 9: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:38:49 +0000
End at: Wed, 05 Jul 2017 09:39:19 +0000
Local clock offset: 0.073 ms
Remote clock offset: -1.704 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 43.654 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 43.654 ms
Loss rate: 0.85%
```

Run 9: Report of TCP Cubic — Data Link

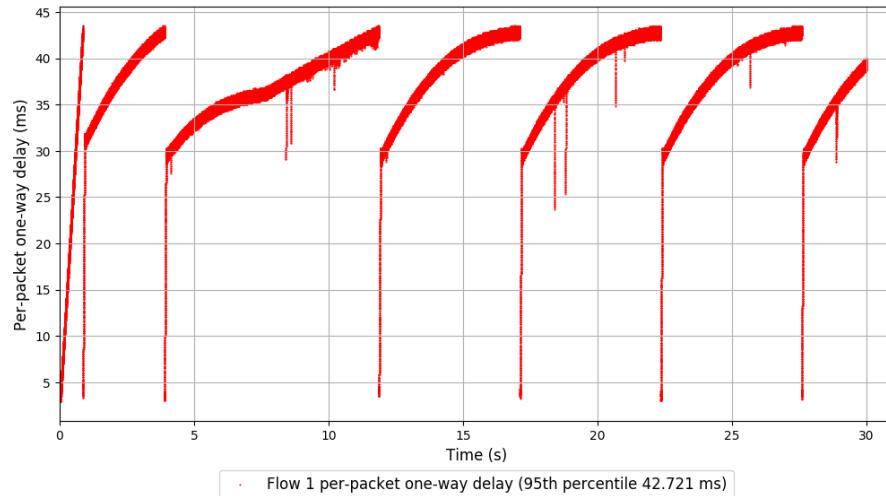
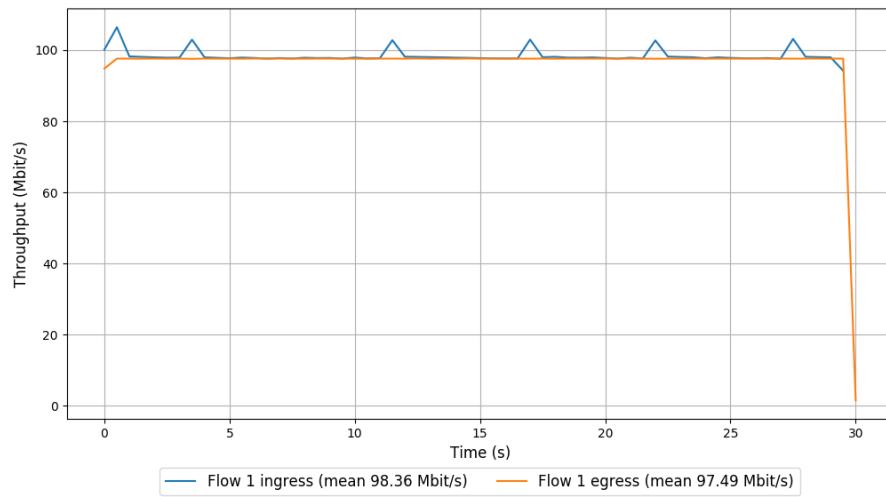


Run 10: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 09:55:51 +0000
End at: Wed, 05 Jul 2017 09:56:21 +0000
Local clock offset: 0.061 ms
Remote clock offset: -0.75 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 42.721 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 42.721 ms
Loss rate: 0.83%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:15:03 +0000
```

```
End at: Wed, 05 Jul 2017 07:15:33 +0000
```

```
Local clock offset: -0.073 ms
```

```
Remote clock offset: 1.811 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 80.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.625 ms
```

```
Loss rate: 0.00%
```

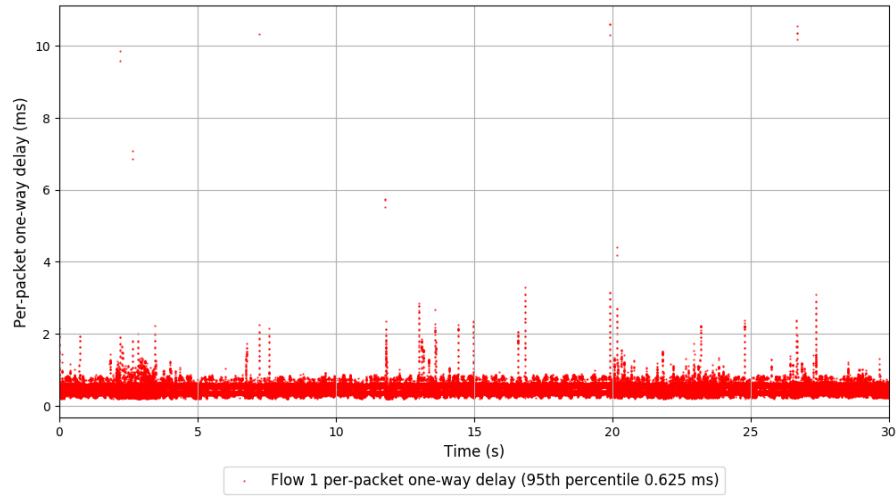
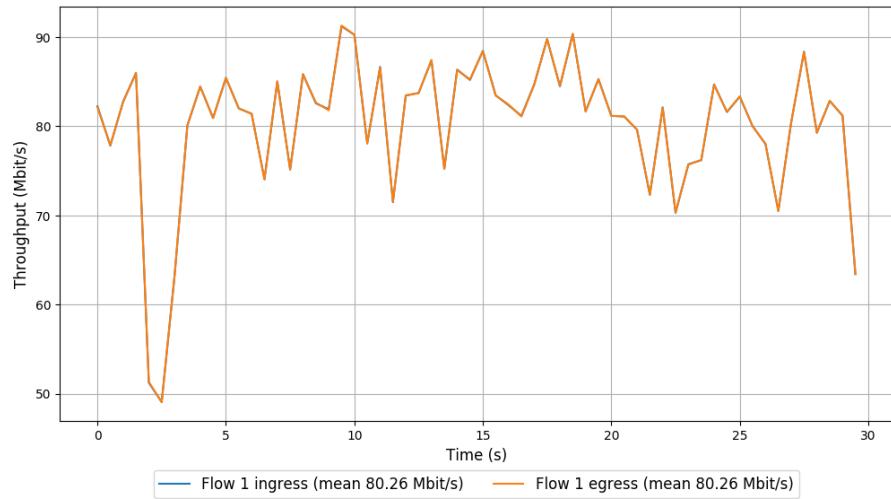
```
-- Flow 1:
```

```
Average throughput: 80.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.625 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

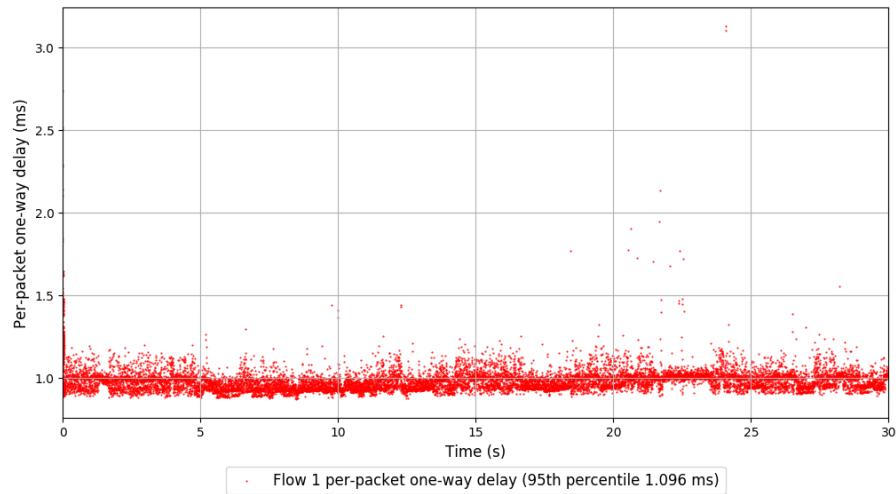
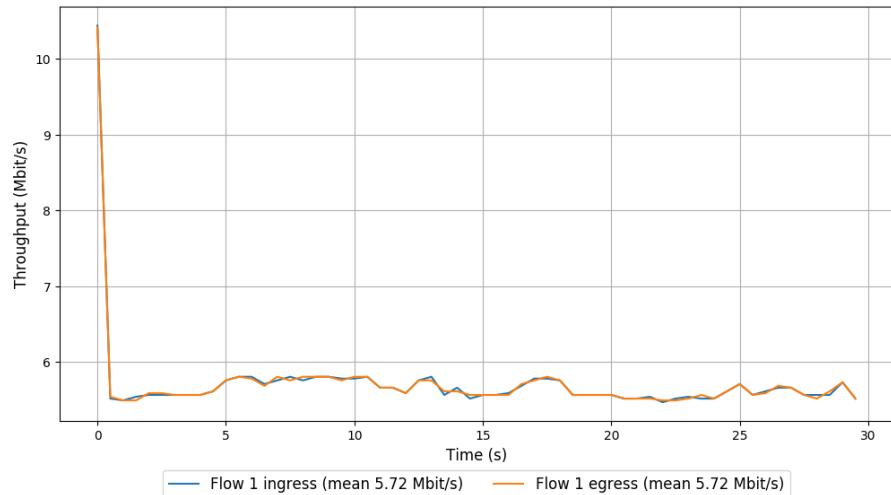


Run 2: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 07:32:06 +0000
End at: Wed, 05 Jul 2017 07:32:36 +0000
Local clock offset: -0.028 ms
Remote clock offset: 1.188 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.72 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.72 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

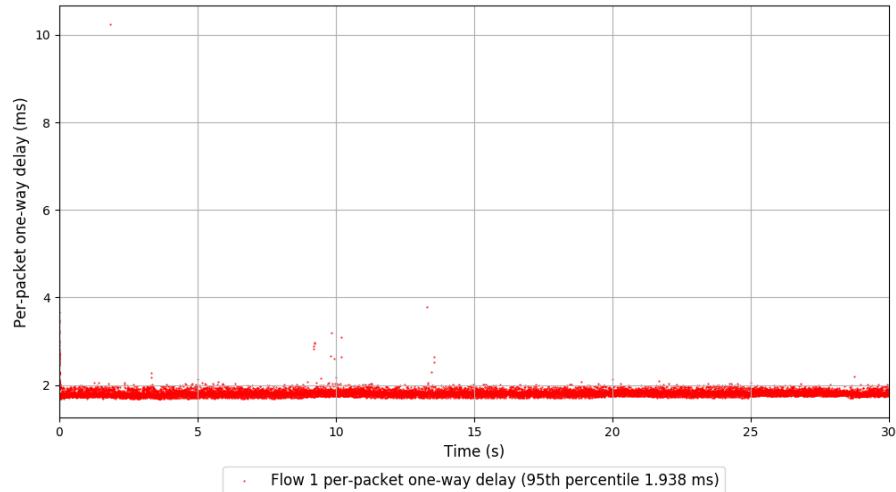
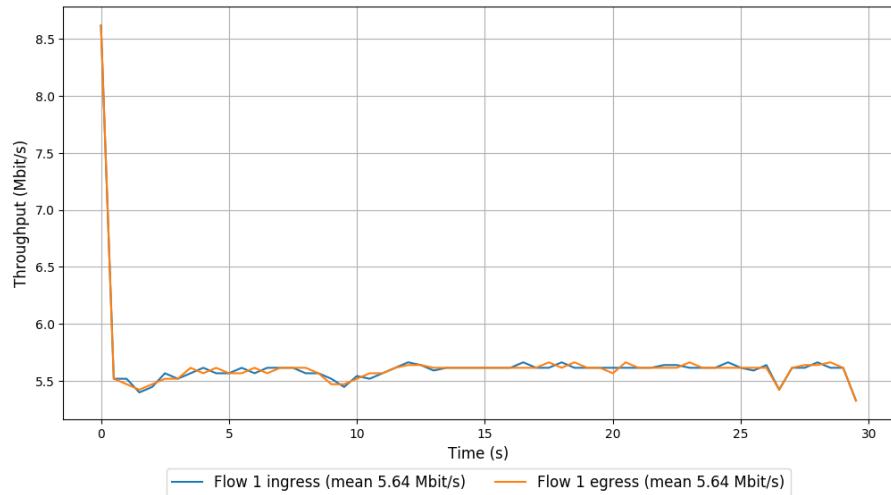


Run 3: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 07:49:04 +0000
End at: Wed, 05 Jul 2017 07:49:34 +0000
Local clock offset: 0.07 ms
Remote clock offset: 0.409 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.64 Mbit/s
95th percentile per-packet one-way delay: 1.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.64 Mbit/s
95th percentile per-packet one-way delay: 1.938 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

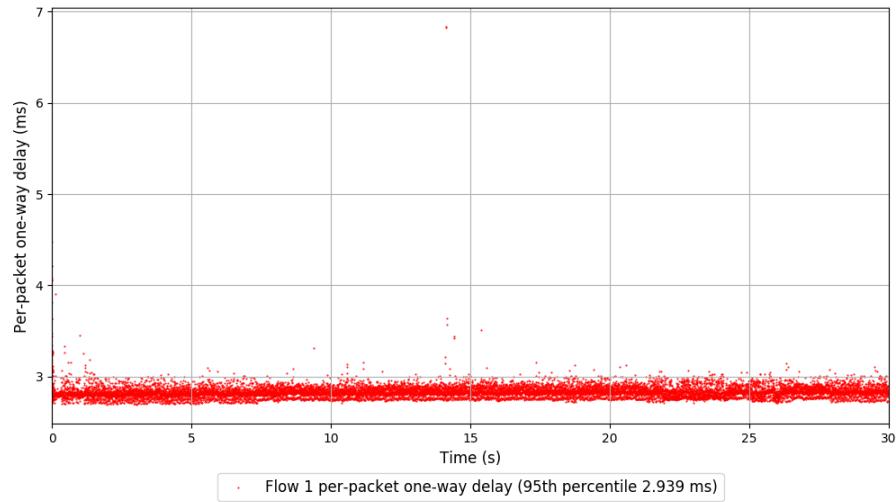
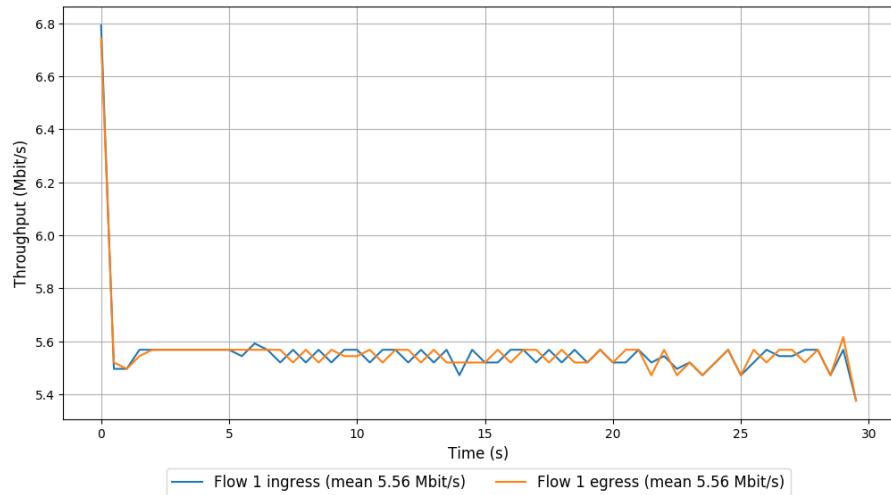


Run 4: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:06:01 +0000
End at: Wed, 05 Jul 2017 08:06:31 +0000
Local clock offset: 0.201 ms
Remote clock offset: -0.41 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.56 Mbit/s
95th percentile per-packet one-way delay: 2.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.56 Mbit/s
95th percentile per-packet one-way delay: 2.939 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

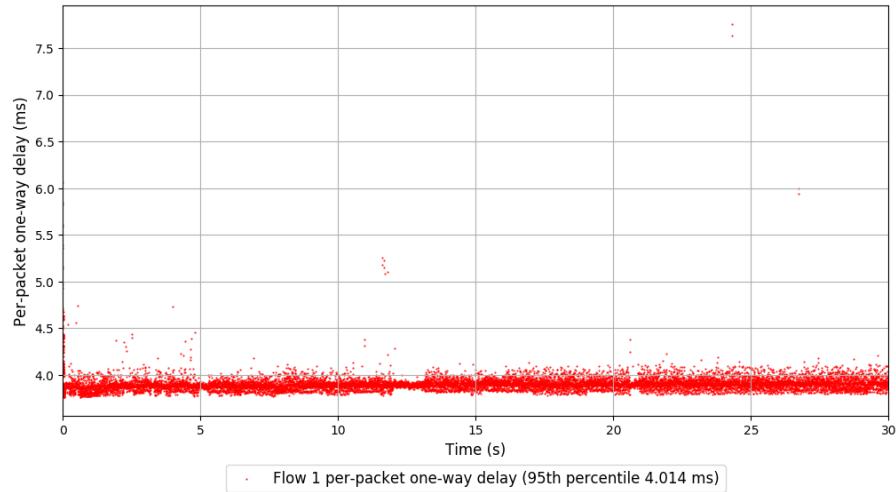
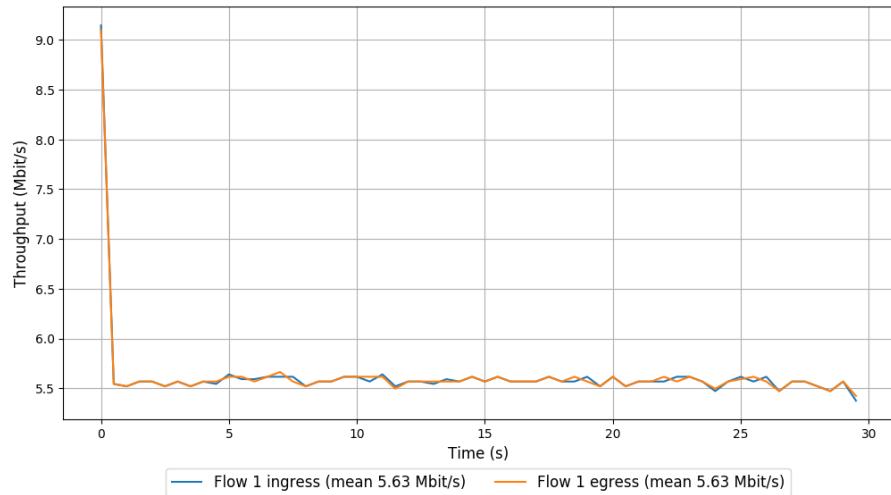


Run 5: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:22:58 +0000
End at: Wed, 05 Jul 2017 08:23:28 +0000
Local clock offset: 0.273 ms
Remote clock offset: -1.392 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 4.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 4.014 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

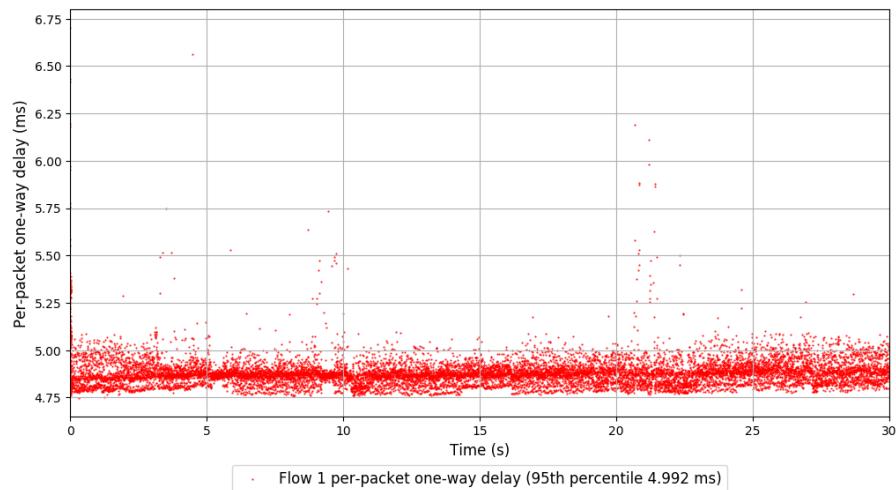
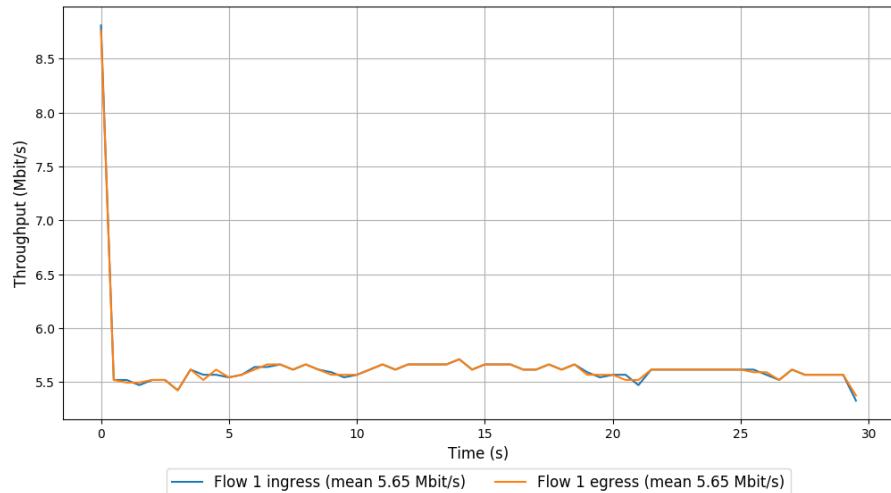


Run 6: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 08:39:56 +0000
End at: Wed, 05 Jul 2017 08:40:26 +0000
Local clock offset: 0.224 ms
Remote clock offset: -2.464 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 4.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 4.992 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 08:56:55 +0000

End at: Wed, 05 Jul 2017 08:57:25 +0000

Local clock offset: 0.136 ms

Remote clock offset: -3.36 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:32:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.74 Mbit/s

95th percentile per-packet one-way delay: 5.754 ms

Loss rate: 0.00%

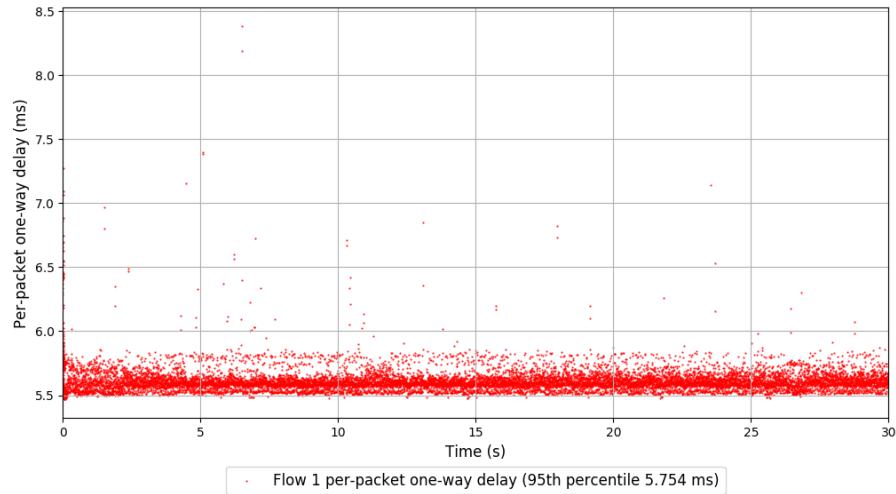
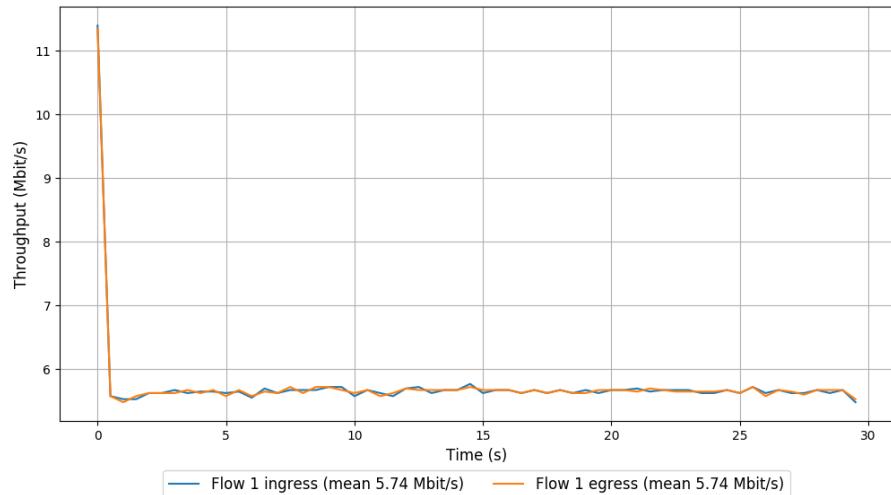
-- Flow 1:

Average throughput: 5.74 Mbit/s

95th percentile per-packet one-way delay: 5.754 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

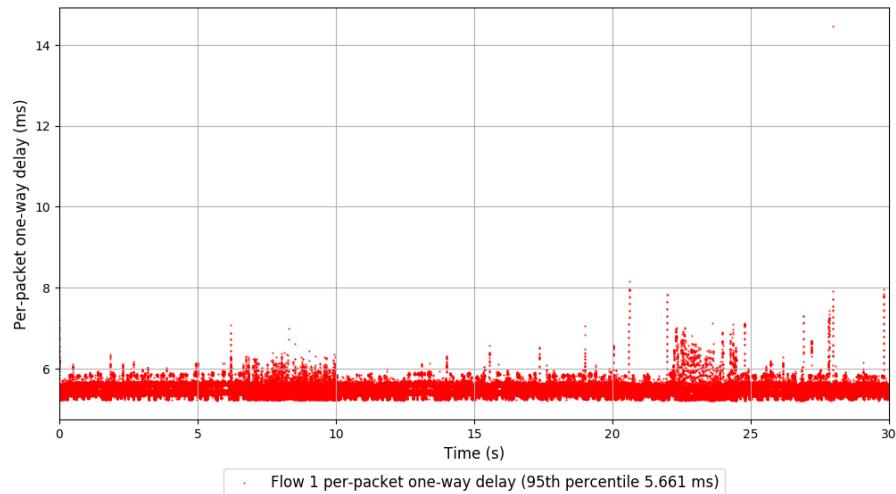
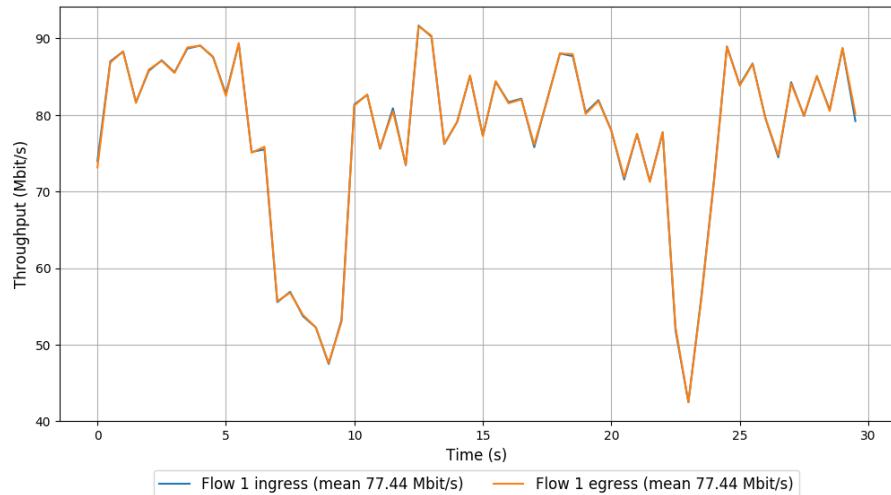


Run 8: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:13:53 +0000
End at: Wed, 05 Jul 2017 09:14:23 +0000
Local clock offset: 0.132 ms
Remote clock offset: -3.024 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 5.661 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 5.661 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

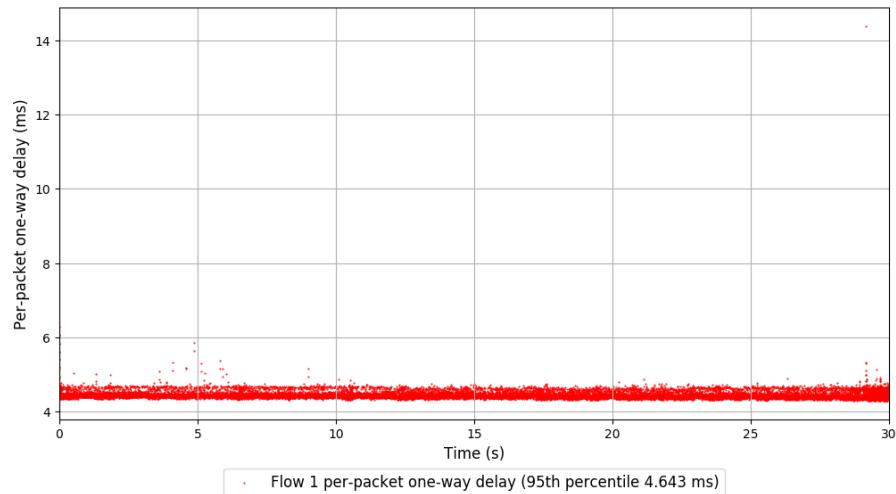
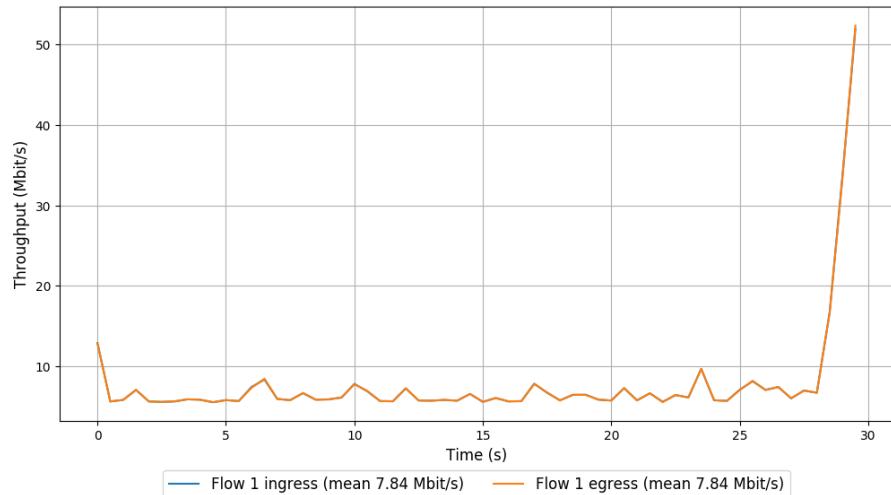


Run 9: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:30:57 +0000
End at: Wed, 05 Jul 2017 09:31:27 +0000
Local clock offset: 0.13 ms
Remote clock offset: -2.251 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 4.643 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 4.643 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

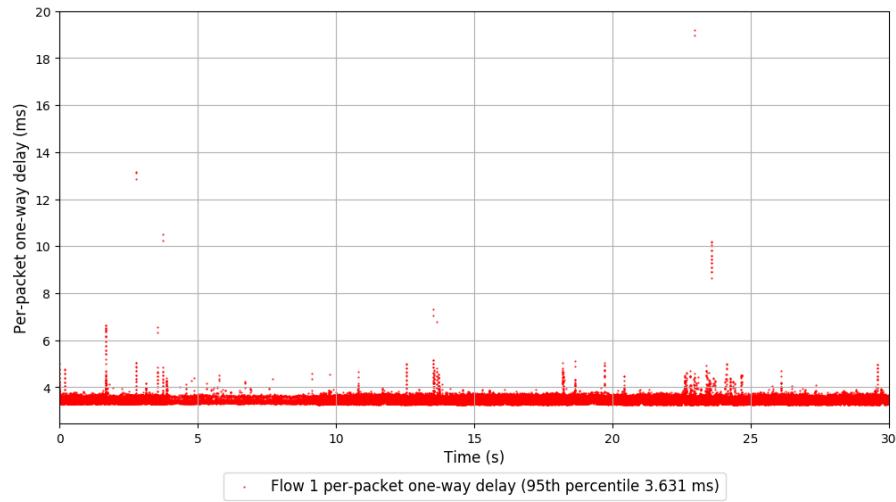
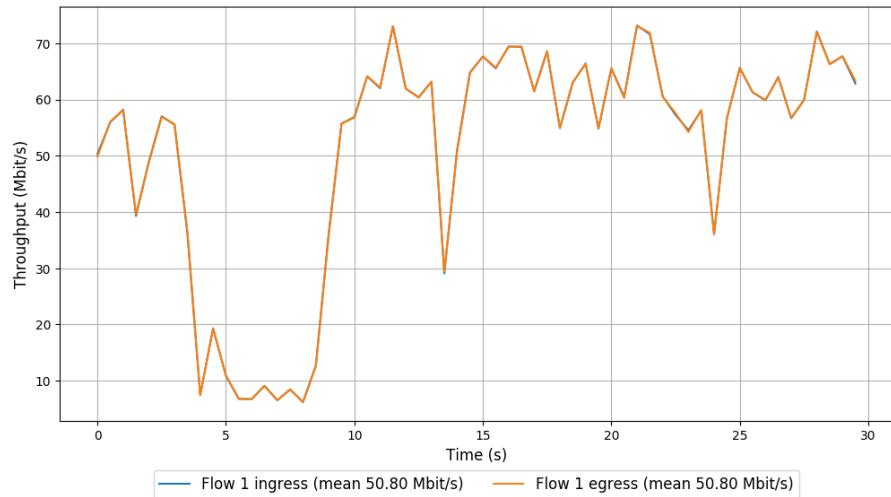


Run 10: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 09:47:56 +0000
End at: Wed, 05 Jul 2017 09:48:26 +0000
Local clock offset: 0.109 ms
Remote clock offset: -1.095 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.80 Mbit/s
95th percentile per-packet one-way delay: 3.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.80 Mbit/s
95th percentile per-packet one-way delay: 3.631 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:17:22 +0000
```

```
End at: Wed, 05 Jul 2017 07:17:52 +0000
```

```
Local clock offset: -0.053 ms
```

```
Remote clock offset: 1.637 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 83.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.643 ms
```

```
Loss rate: 0.66%
```

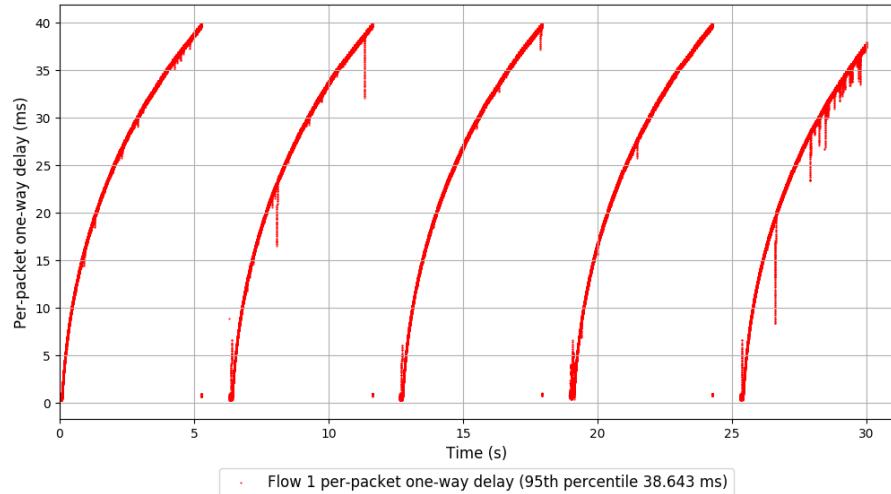
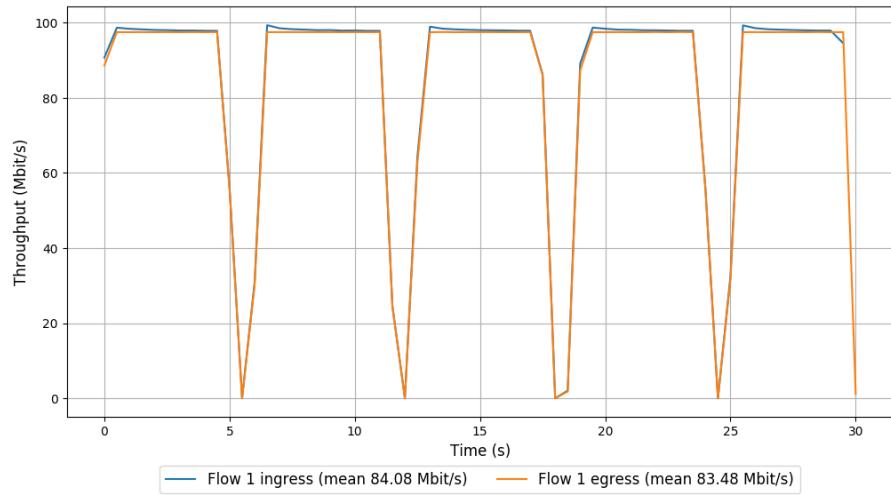
```
-- Flow 1:
```

```
Average throughput: 83.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 38.643 ms
```

```
Loss rate: 0.66%
```

Run 1: Report of LEDBAT — Data Link

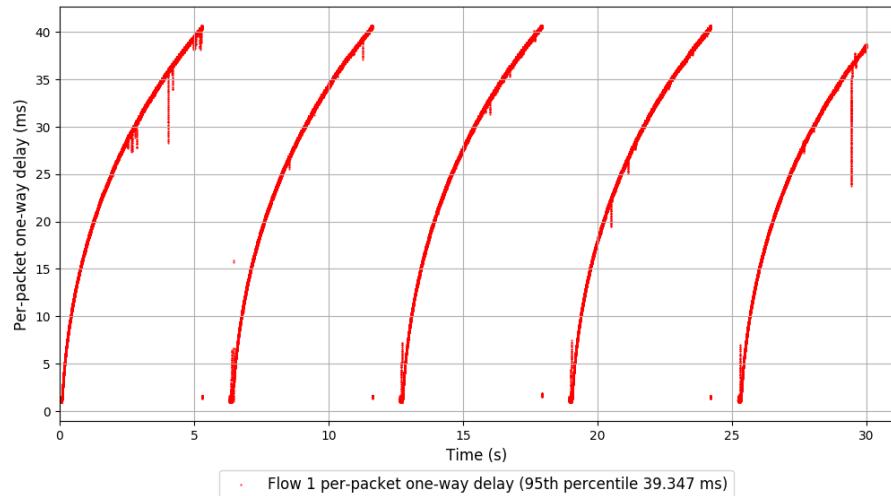
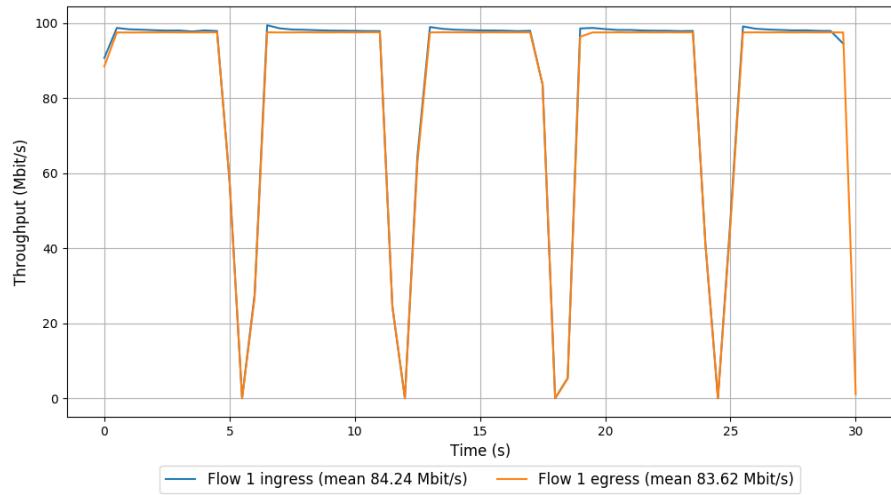


Run 2: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 07:34:19 +0000
End at: Wed, 05 Jul 2017 07:34:49 +0000
Local clock offset: -0.011 ms
Remote clock offset: 1.013 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:32:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 39.347 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 39.347 ms
Loss rate: 0.66%
```

Run 2: Report of LEDBAT — Data Link

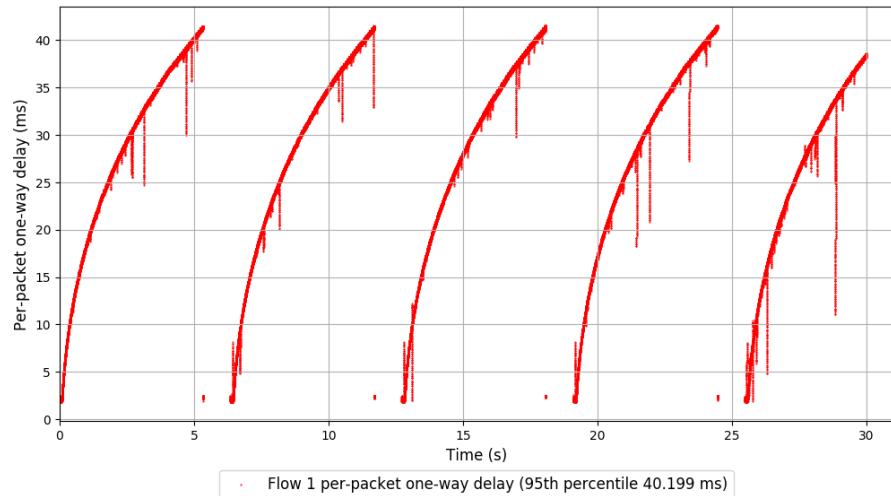
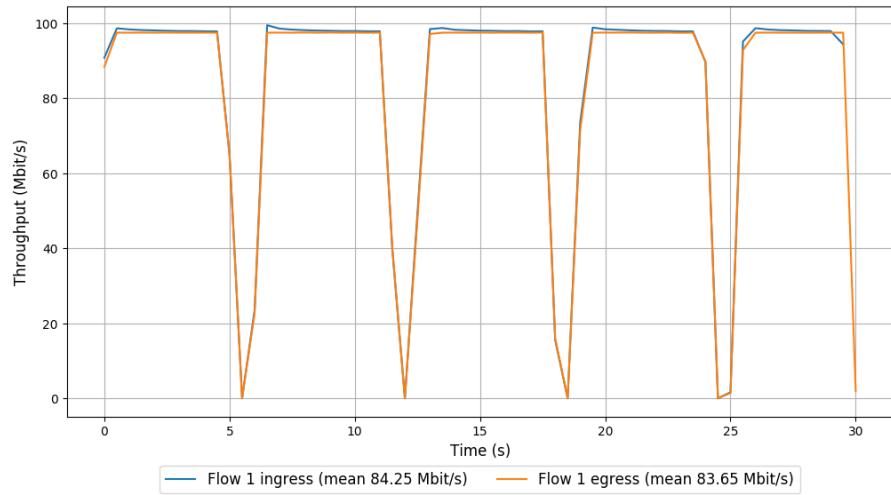


Run 3: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 07:51:17 +0000
End at: Wed, 05 Jul 2017 07:51:47 +0000
Local clock offset: 0.079 ms
Remote clock offset: 0.341 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 40.199 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 40.199 ms
Loss rate: 0.64%
```

Run 3: Report of LEDBAT — Data Link

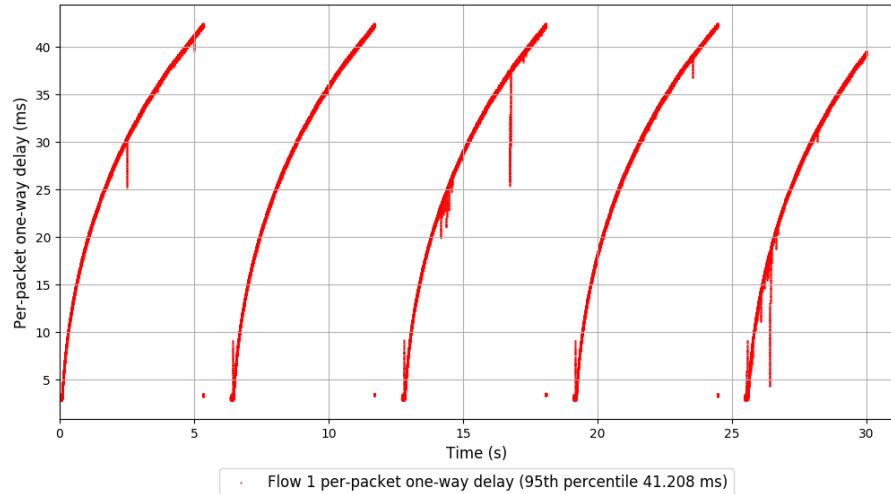
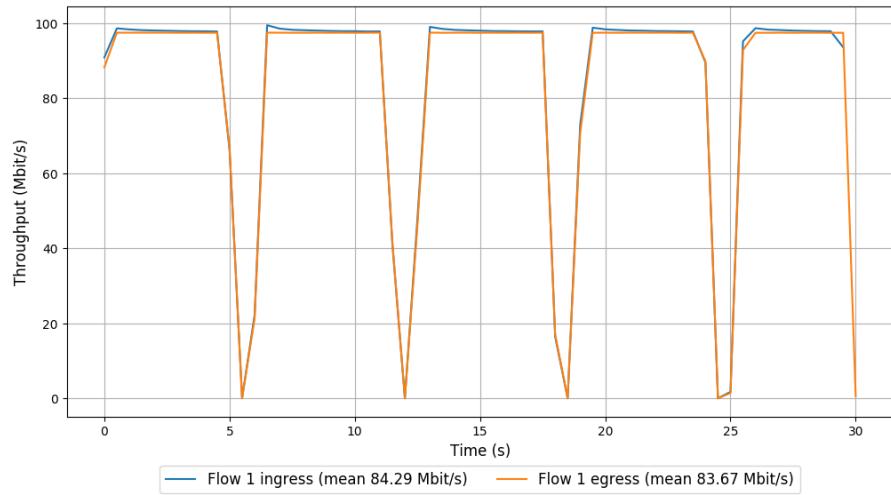


Run 4: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:08:15 +0000
End at: Wed, 05 Jul 2017 08:08:45 +0000
Local clock offset: 0.199 ms
Remote clock offset: -0.525 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 41.208 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 41.208 ms
Loss rate: 0.66%
```

Run 4: Report of LEDBAT — Data Link

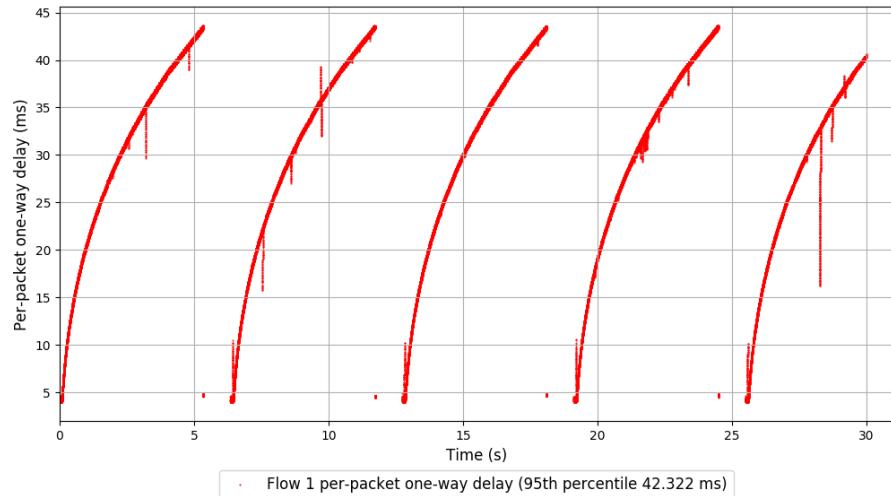
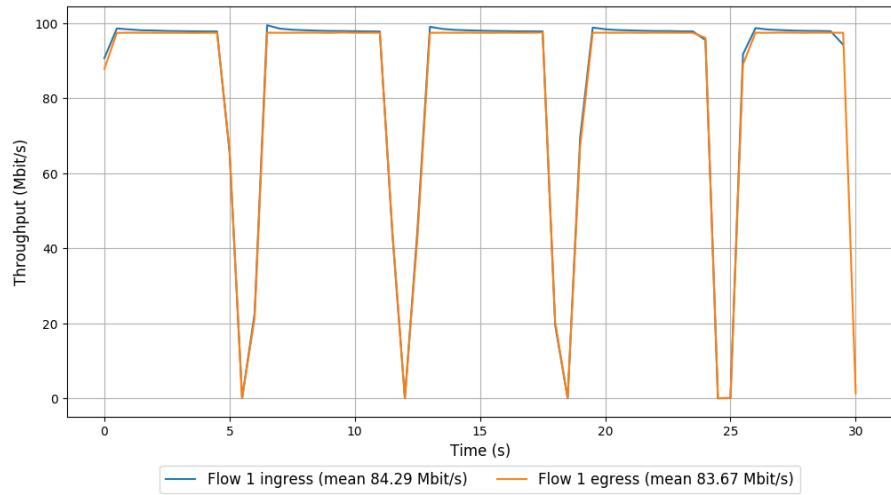


Run 5: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:25:11 +0000
End at: Wed, 05 Jul 2017 08:25:41 +0000
Local clock offset: 0.301 ms
Remote clock offset: -1.541 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 42.322 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 42.322 ms
Loss rate: 0.66%
```

Run 5: Report of LEDBAT — Data Link

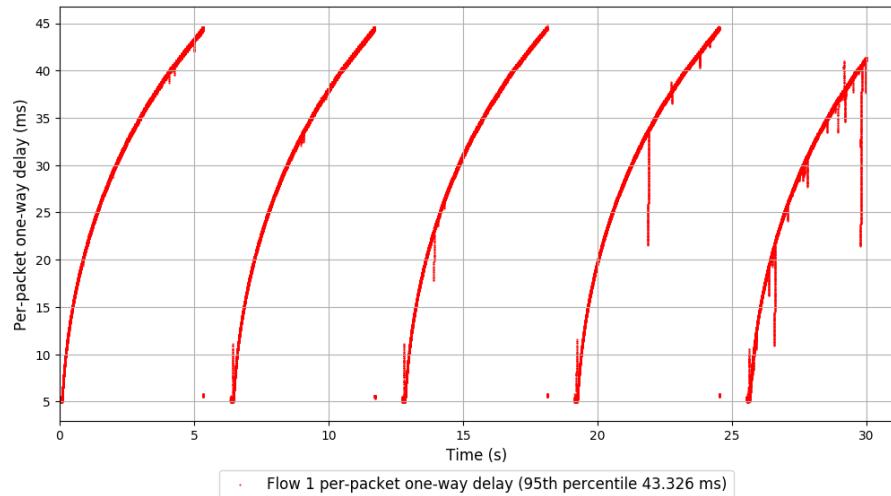
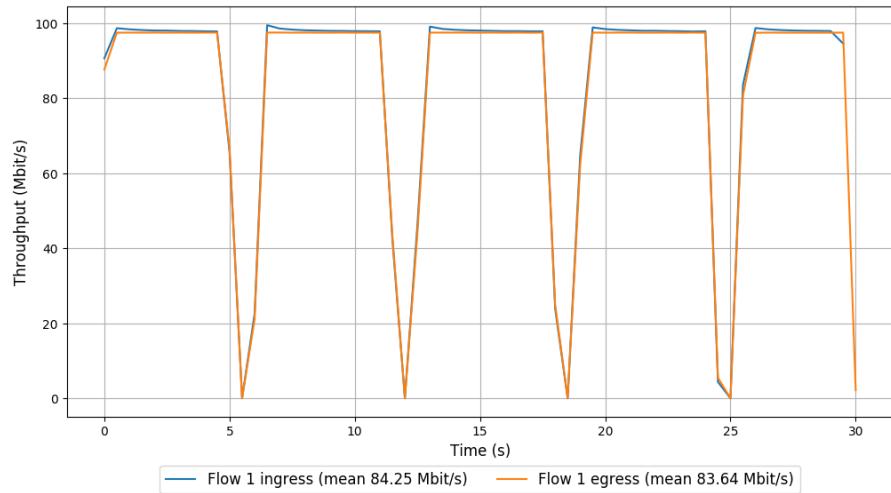


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:42:10 +0000
End at: Wed, 05 Jul 2017 08:42:40 +0000
Local clock offset: 0.143 ms
Remote clock offset: -2.67 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 43.326 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 43.326 ms
Loss rate: 0.65%
```

Run 6: Report of LEDBAT — Data Link

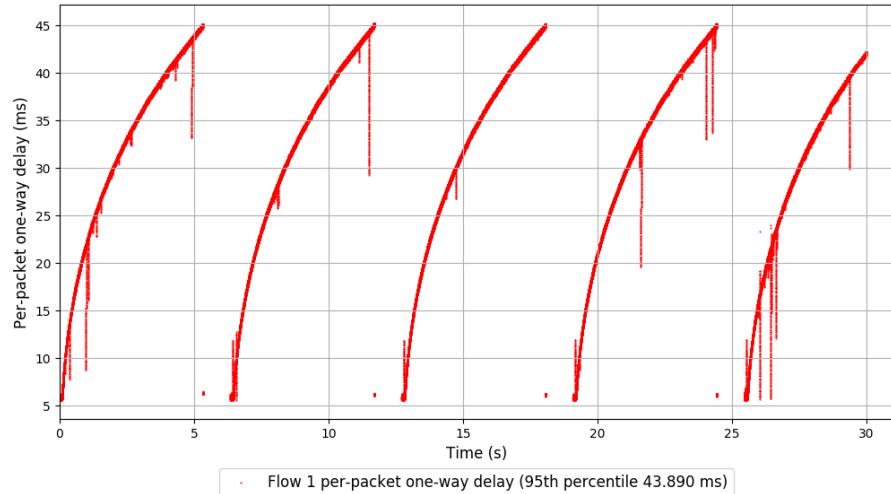
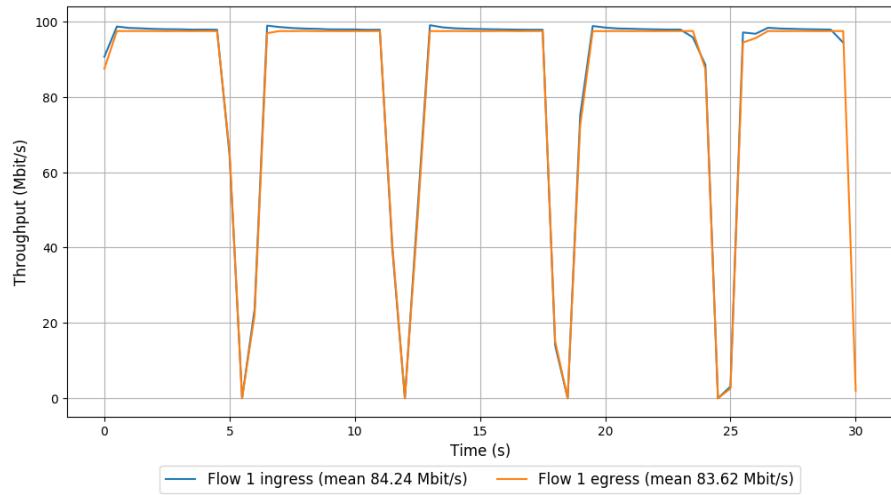


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 08:59:09 +0000
End at: Wed, 05 Jul 2017 08:59:39 +0000
Local clock offset: 0.157 ms
Remote clock offset: -3.343 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 43.890 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 43.890 ms
Loss rate: 0.66%
```

Run 7: Report of LEDBAT — Data Link

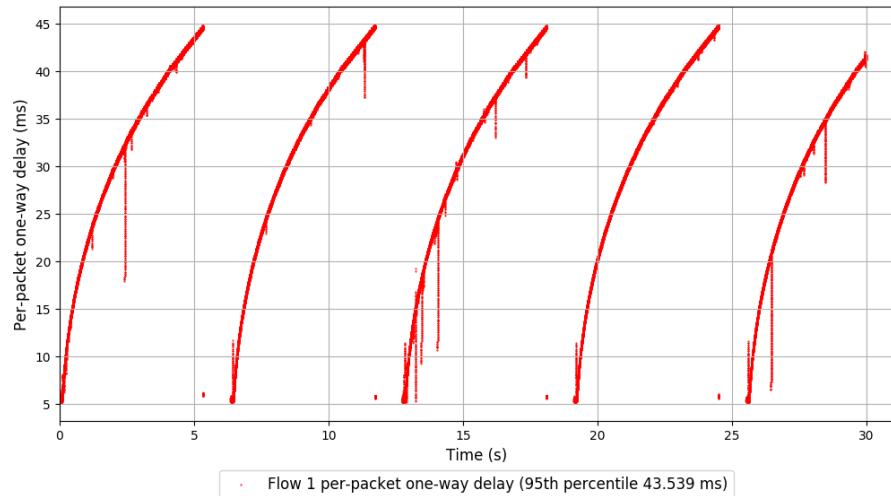
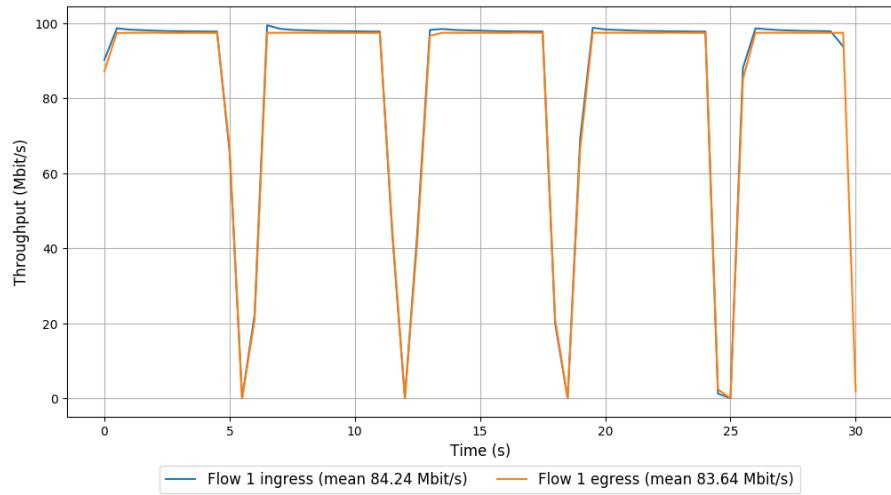


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:16:12 +0000
End at: Wed, 05 Jul 2017 09:16:42 +0000
Local clock offset: 0.094 ms
Remote clock offset: -3.035 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 43.539 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 43.539 ms
Loss rate: 0.65%
```

Run 8: Report of LEDBAT — Data Link

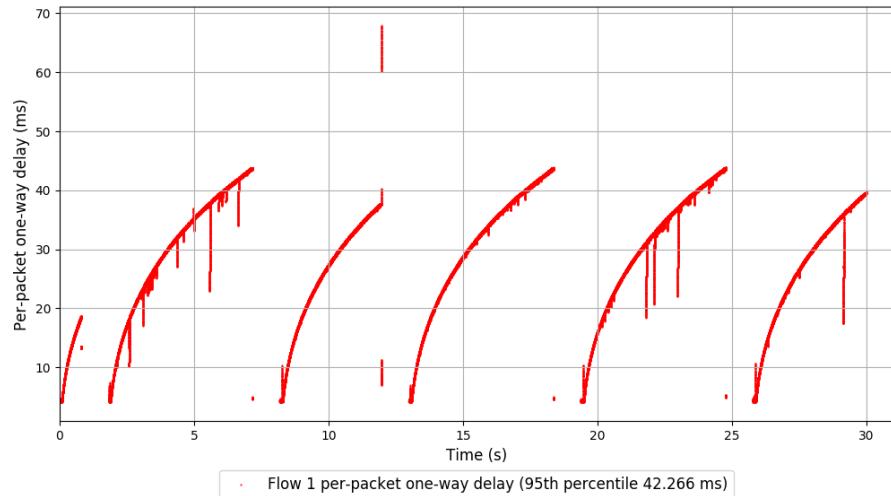
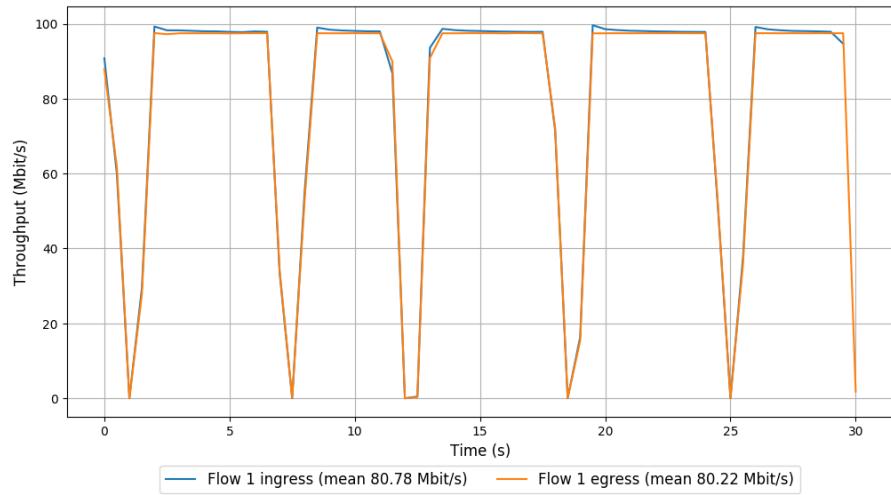


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:33:11 +0000
End at: Wed, 05 Jul 2017 09:33:41 +0000
Local clock offset: 0.062 ms
Remote clock offset: -2.007 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 42.266 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 42.266 ms
Loss rate: 0.63%
```

Run 9: Report of LEDBAT — Data Link

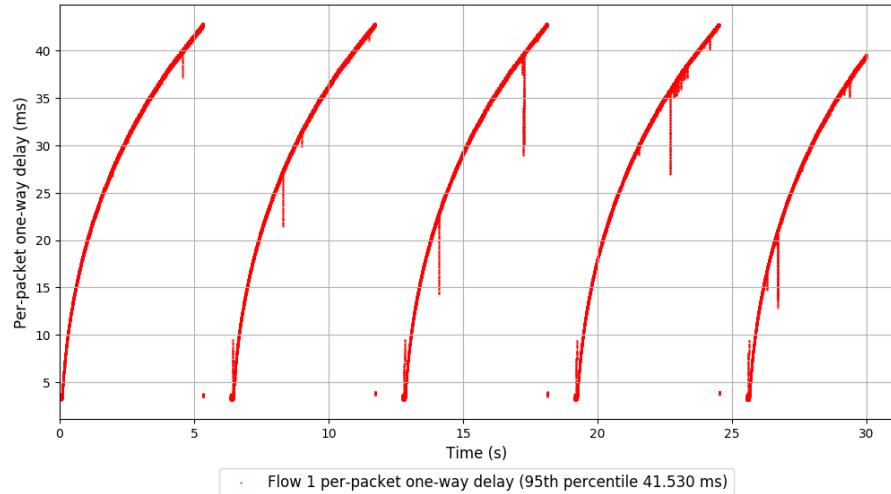
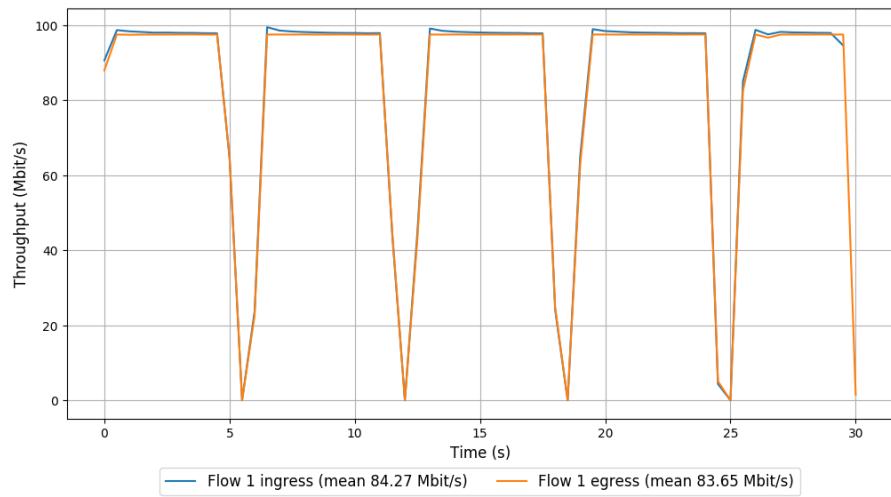


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 09:50:13 +0000
End at: Wed, 05 Jul 2017 09:50:43 +0000
Local clock offset: 0.137 ms
Remote clock offset: -1.003 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 41.530 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 41.530 ms
Loss rate: 0.66%
```

Run 10: Report of LEDBAT — Data Link

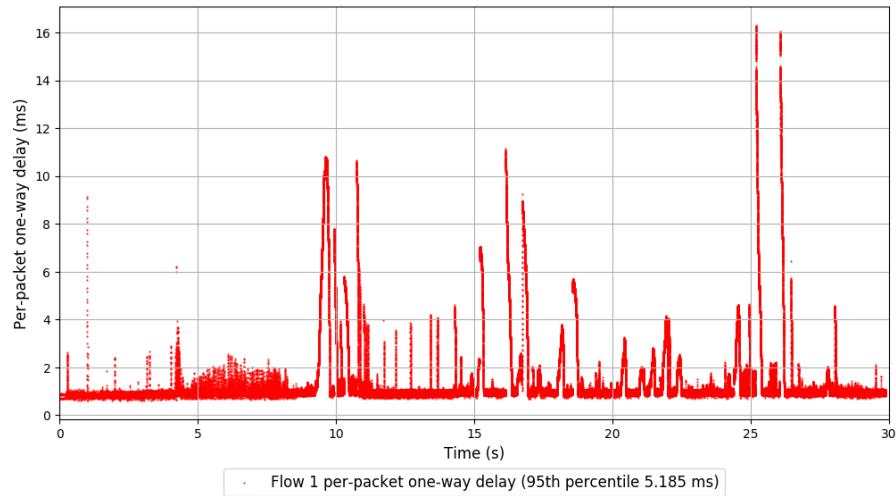
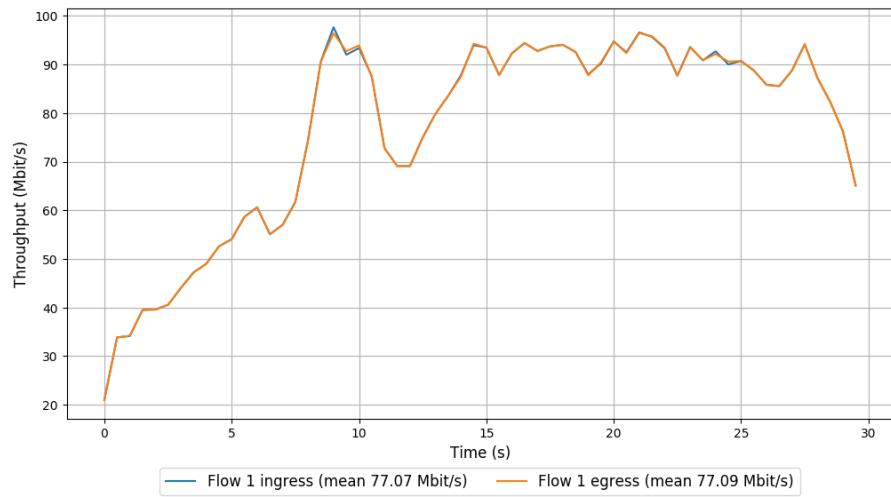


Run 1: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:29:55 +0000
End at: Wed, 05 Jul 2017 07:30:25 +0000
Local clock offset: 0.002 ms
Remote clock offset: 1.263 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:33:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 5.185 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 5.185 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

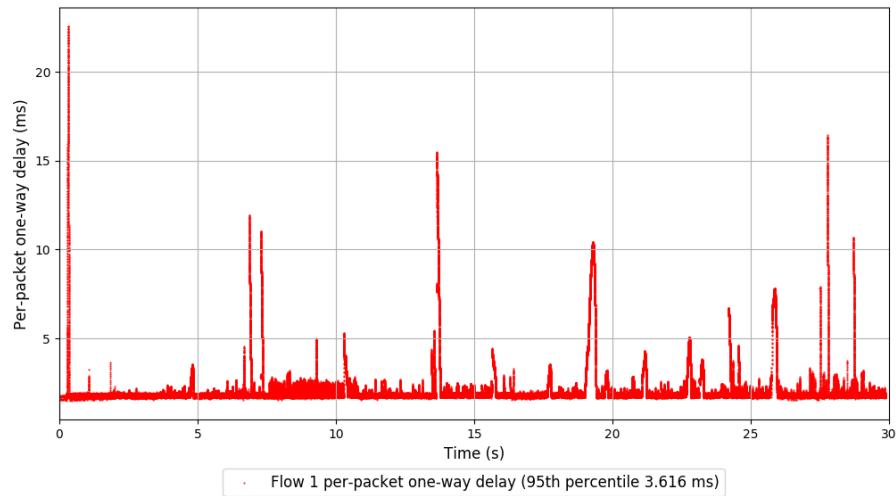
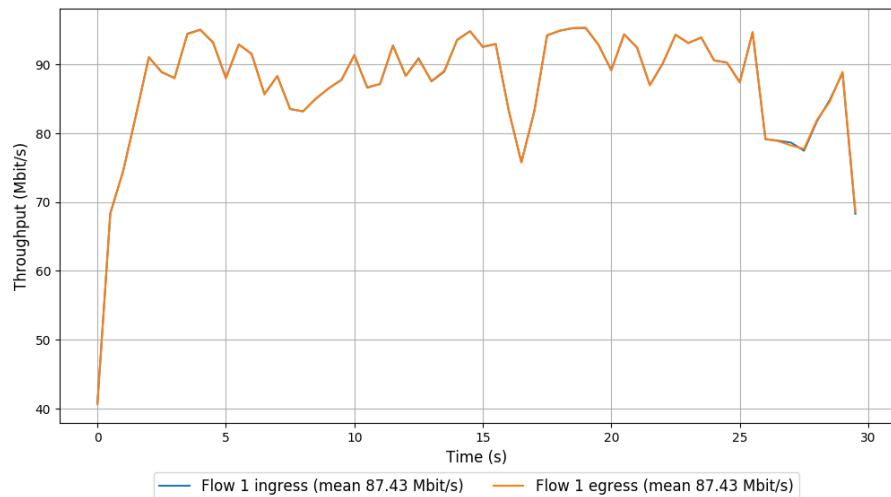


Run 2: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 07:46:53 +0000
End at: Wed, 05 Jul 2017 07:47:23 +0000
Local clock offset: 0.053 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 3.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 3.616 ms
Loss rate: 0.00%
```

Run 2: Report of PCC — Data Link

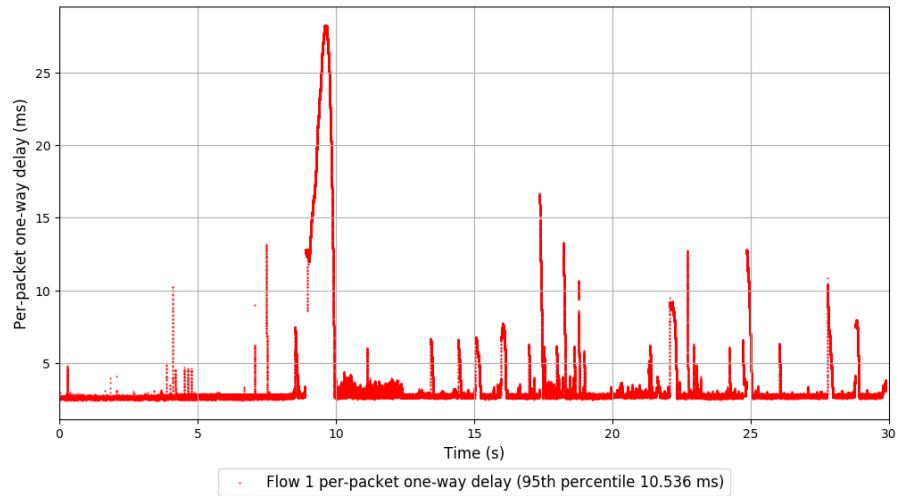
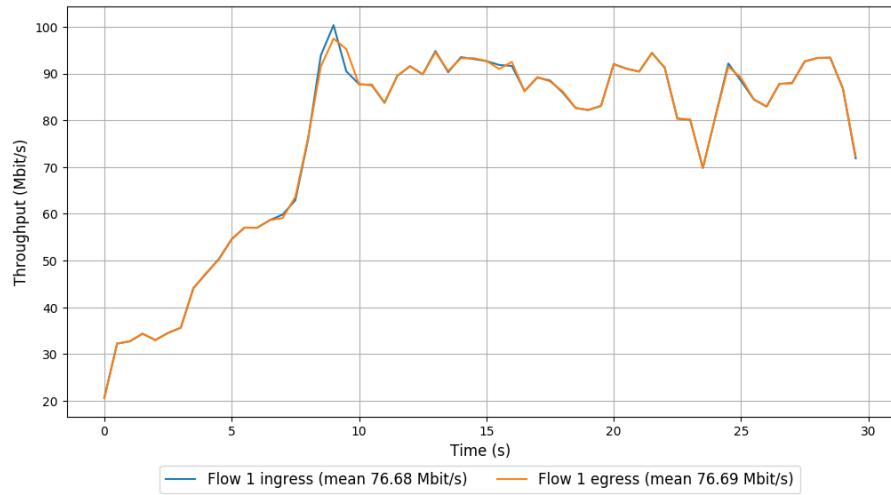


Run 3: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:03:51 +0000
End at: Wed, 05 Jul 2017 08:04:21 +0000
Local clock offset: 0.191 ms
Remote clock offset: -0.375 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 10.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 10.536 ms
Loss rate: 0.00%
```

Run 3: Report of PCC — Data Link

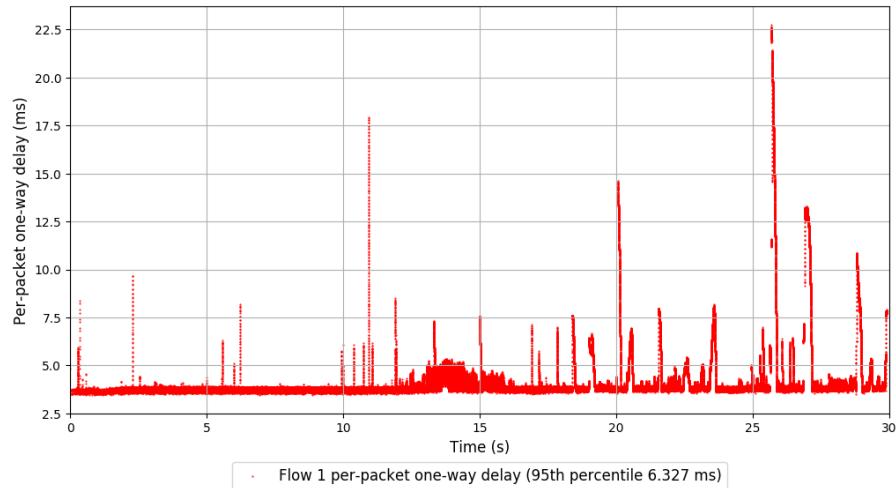
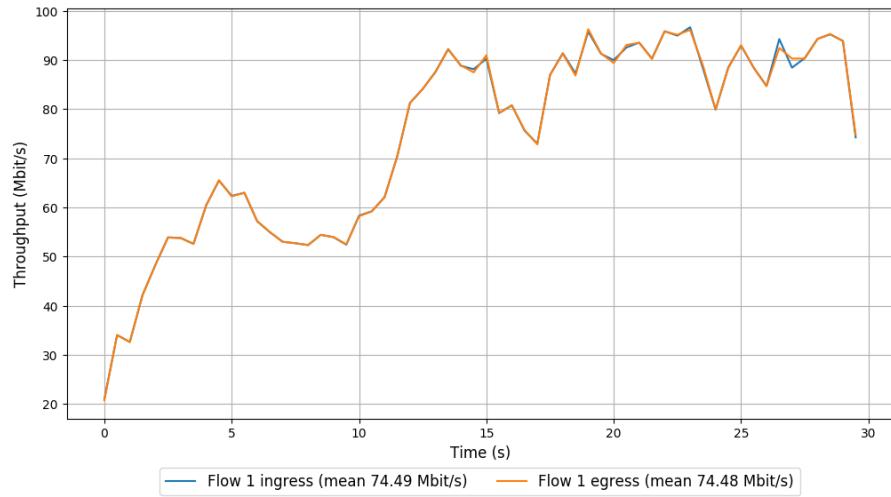


Run 4: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:20:47 +0000
End at: Wed, 05 Jul 2017 08:21:17 +0000
Local clock offset: 0.285 ms
Remote clock offset: -1.277 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.48 Mbit/s
95th percentile per-packet one-way delay: 6.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.48 Mbit/s
95th percentile per-packet one-way delay: 6.327 ms
Loss rate: 0.00%
```

Run 4: Report of PCC — Data Link

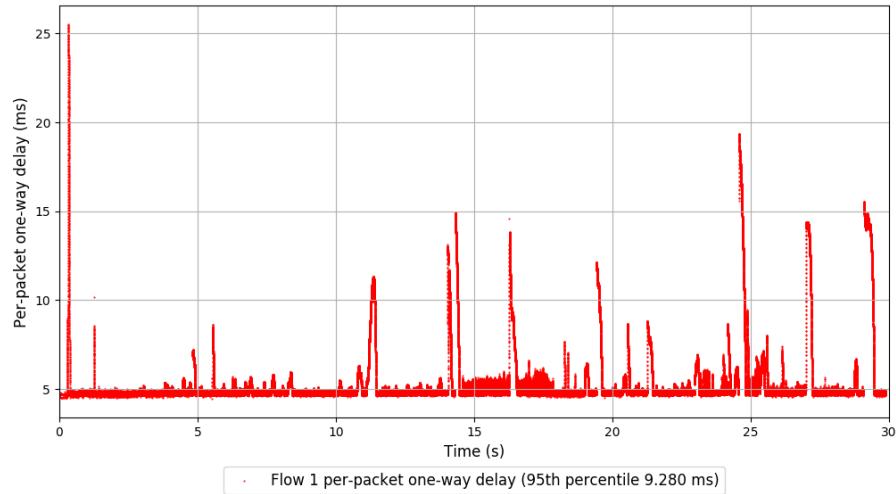
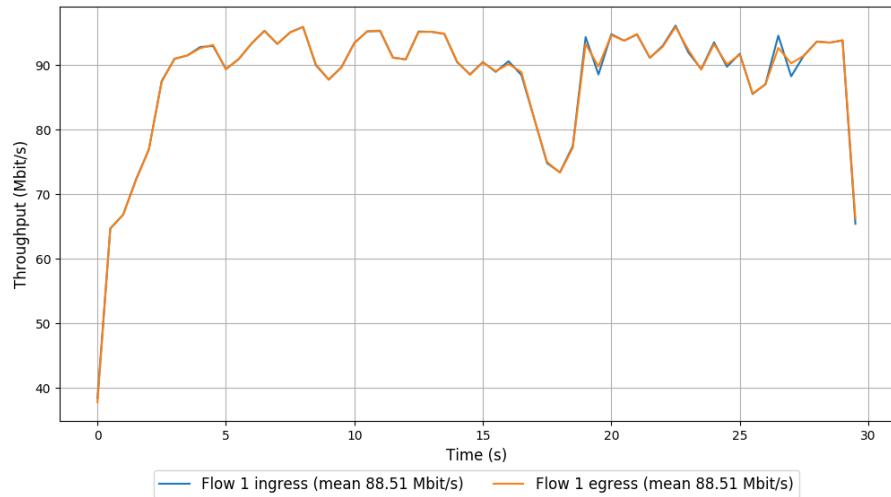


Run 5: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:37:45 +0000
End at: Wed, 05 Jul 2017 08:38:15 +0000
Local clock offset: 0.276 ms
Remote clock offset: -2.362 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 9.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 9.280 ms
Loss rate: 0.00%
```

Run 5: Report of PCC — Data Link

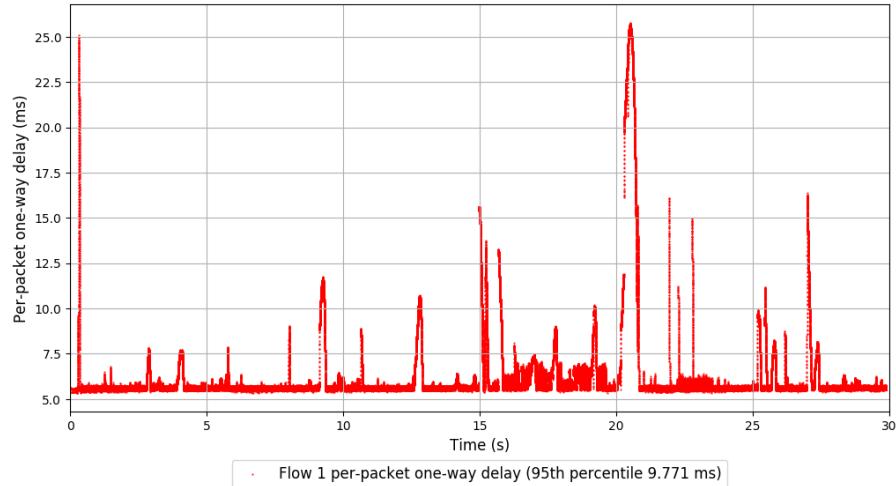
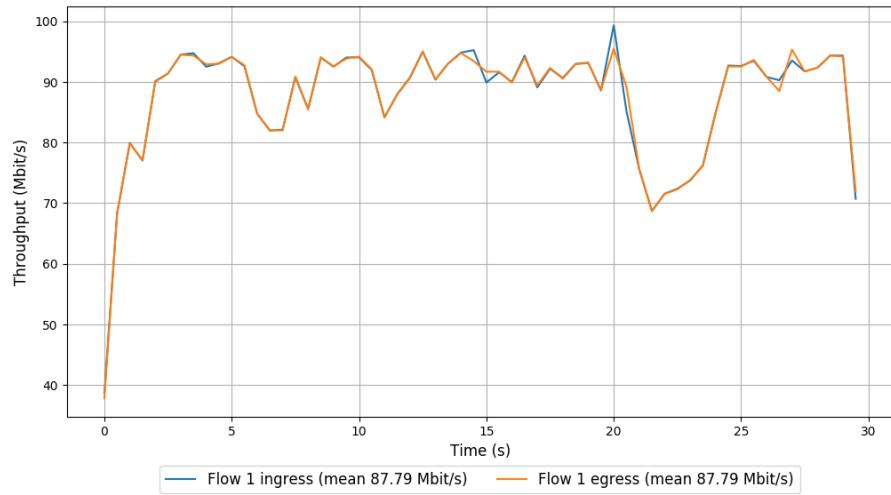


Run 6: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 08:54:44 +0000
End at: Wed, 05 Jul 2017 08:55:14 +0000
Local clock offset: 0.165 ms
Remote clock offset: -3.258 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 9.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 9.771 ms
Loss rate: 0.00%
```

Run 6: Report of PCC — Data Link

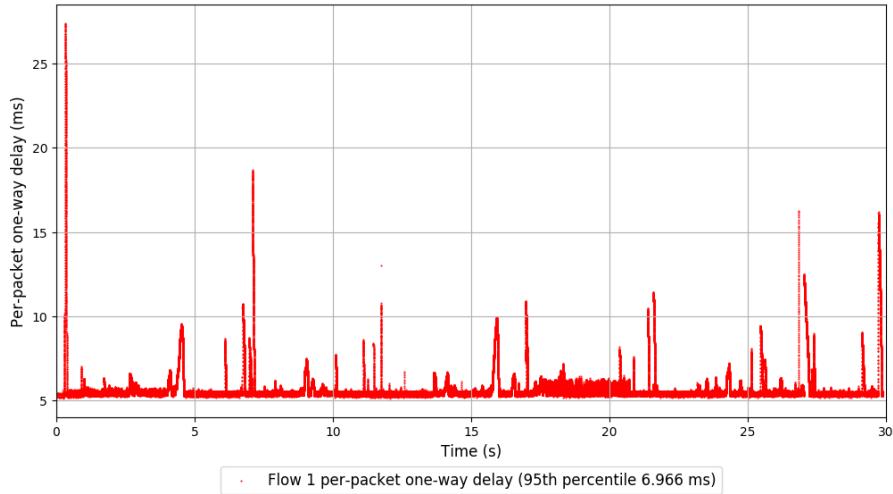
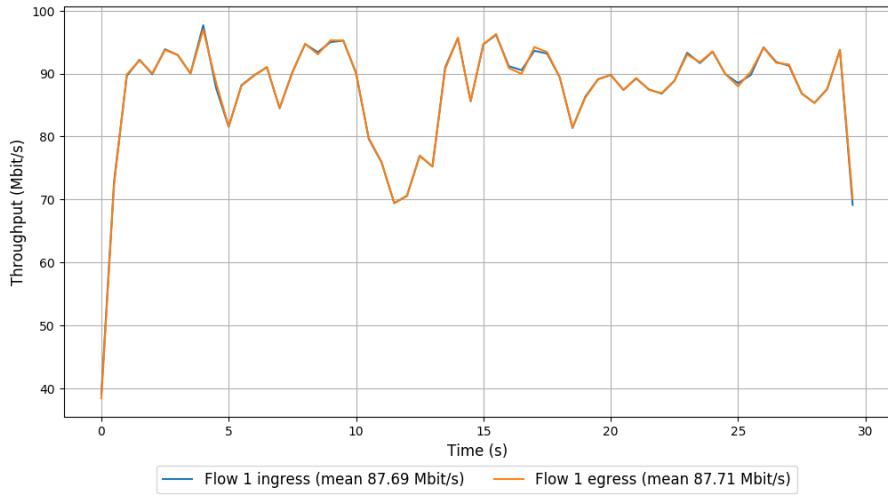


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:11:42 +0000
End at: Wed, 05 Jul 2017 09:12:12 +0000
Local clock offset: 0.139 ms
Remote clock offset: -3.097 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 6.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 6.966 ms
Loss rate: 0.00%
```

Run 7: Report of PCC — Data Link

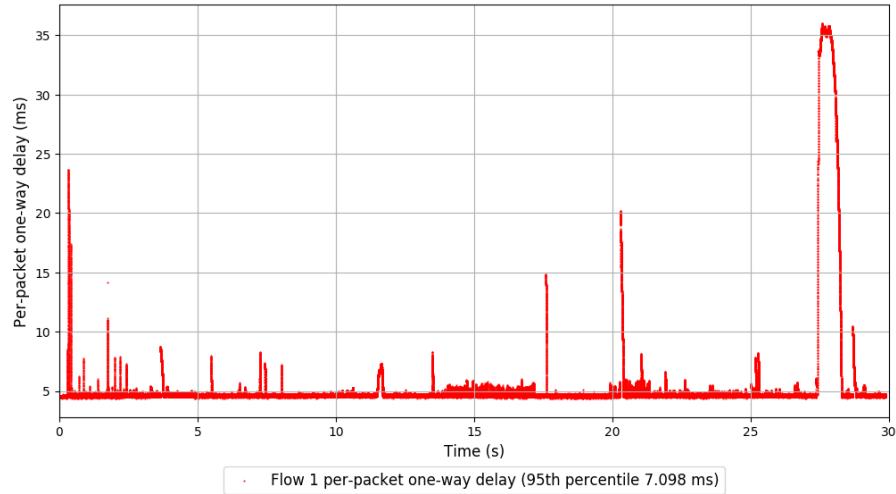
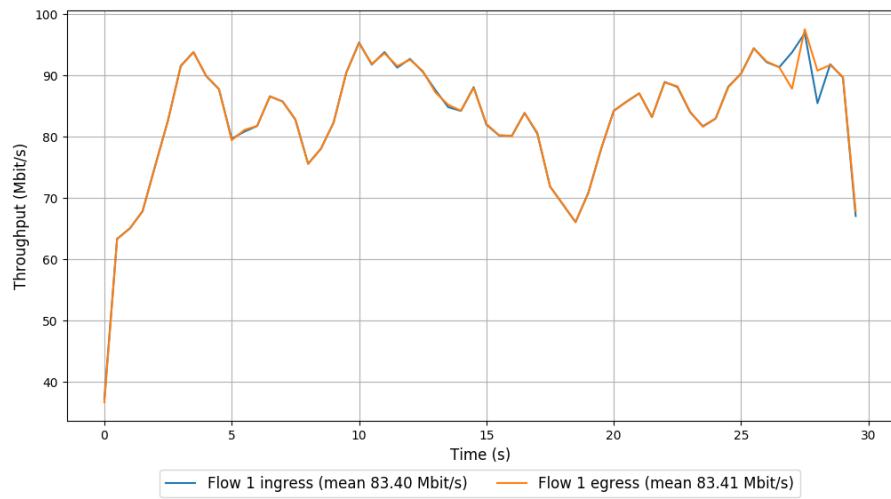


Run 8: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:28:46 +0000
End at: Wed, 05 Jul 2017 09:29:16 +0000
Local clock offset: 0.148 ms
Remote clock offset: -2.294 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 7.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 7.098 ms
Loss rate: 0.00%
```

Run 8: Report of PCC — Data Link

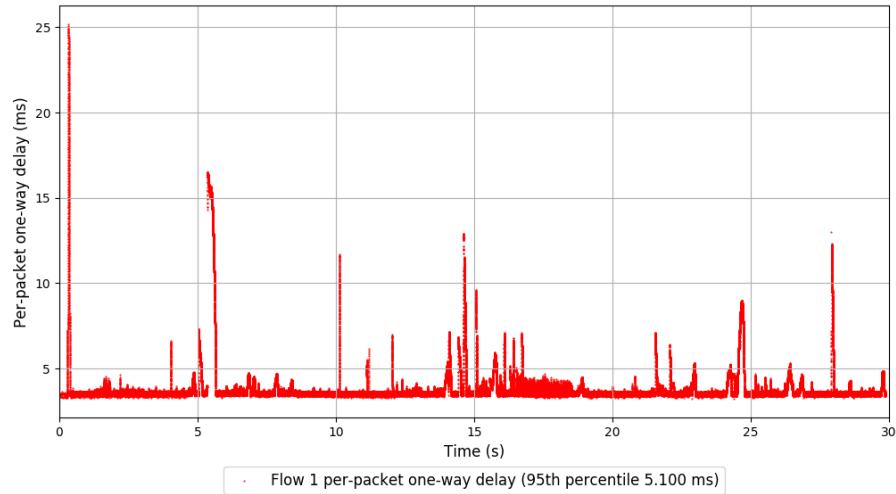
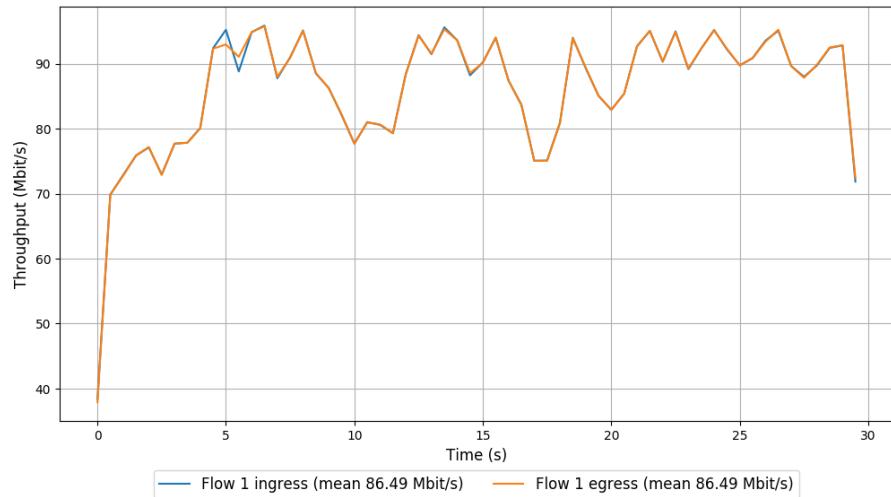


Run 9: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 09:45:45 +0000
End at: Wed, 05 Jul 2017 09:46:15 +0000
Local clock offset: 0.121 ms
Remote clock offset: -1.278 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 5.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 5.100 ms
Loss rate: 0.00%
```

Run 9: Report of PCC — Data Link

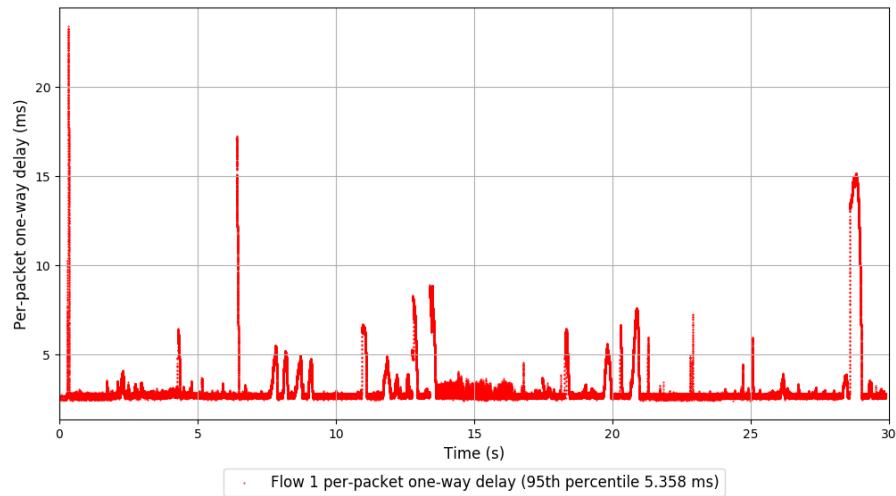
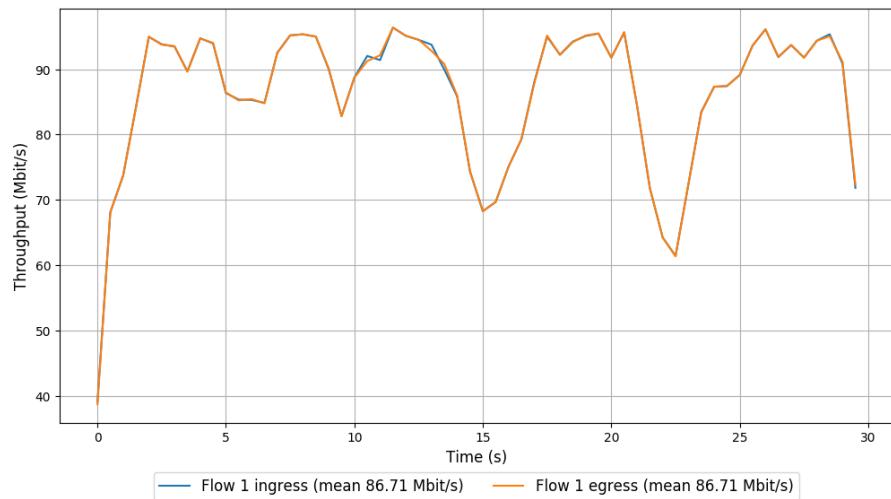


Run 10: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:02:47 +0000
End at: Wed, 05 Jul 2017 10:03:17 +0000
Local clock offset: 0.12 ms
Remote clock offset: -0.36 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:34:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 5.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 5.358 ms
Loss rate: 0.00%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

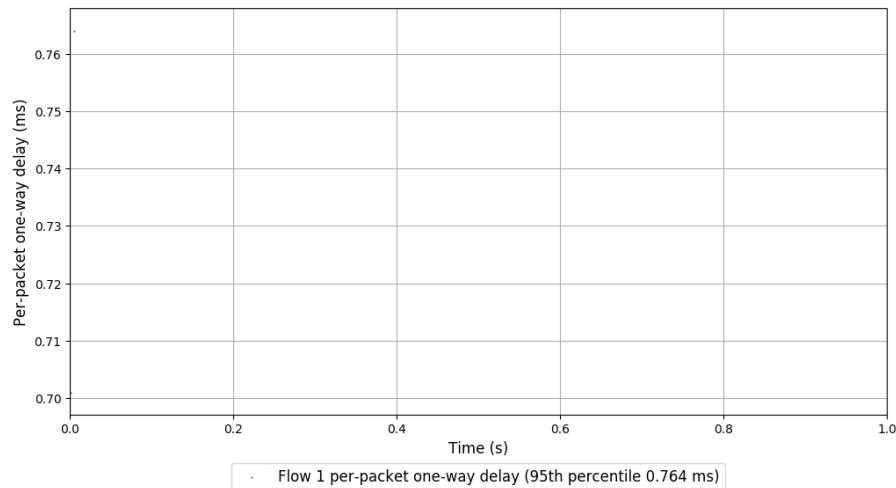
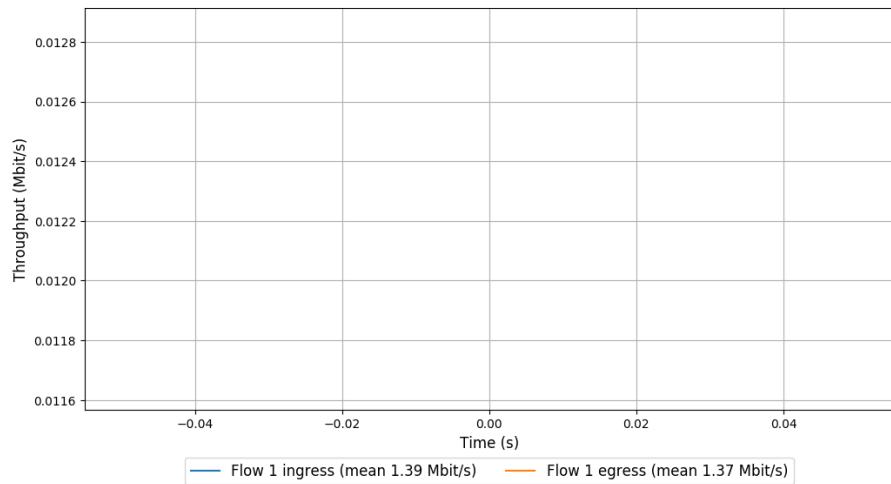
Start at: Wed, 05 Jul 2017 07:27:39 +0000

End at: Wed, 05 Jul 2017 07:28:09 +0000

Local clock offset: -0.023 ms

Remote clock offset: 1.328 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

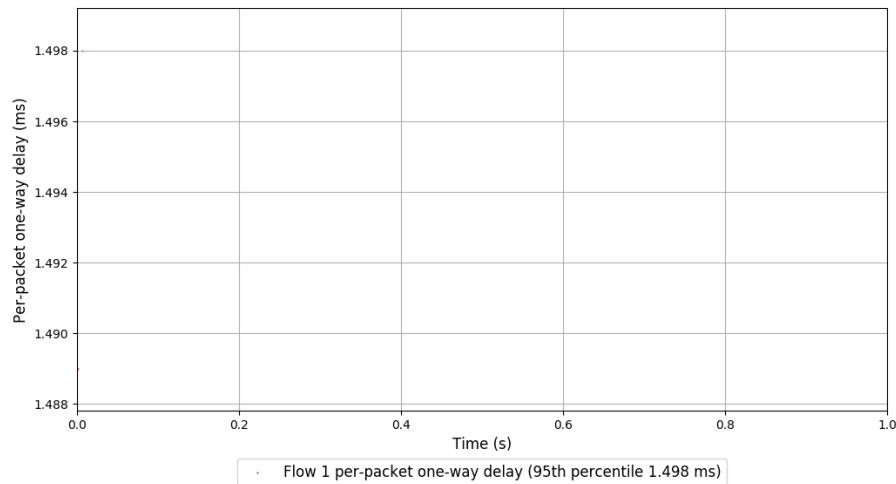
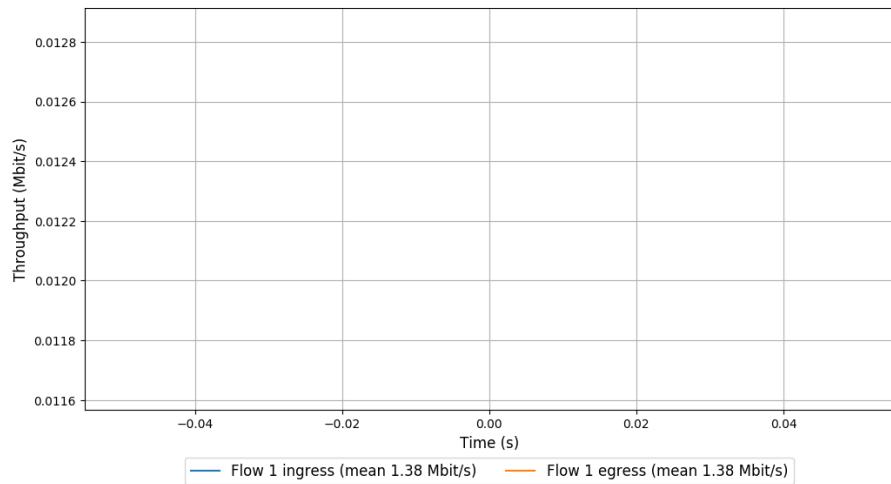
Start at: Wed, 05 Jul 2017 07:44:37 +0000

End at: Wed, 05 Jul 2017 07:45:07 +0000

Local clock offset: -0.008 ms

Remote clock offset: 0.655 ms

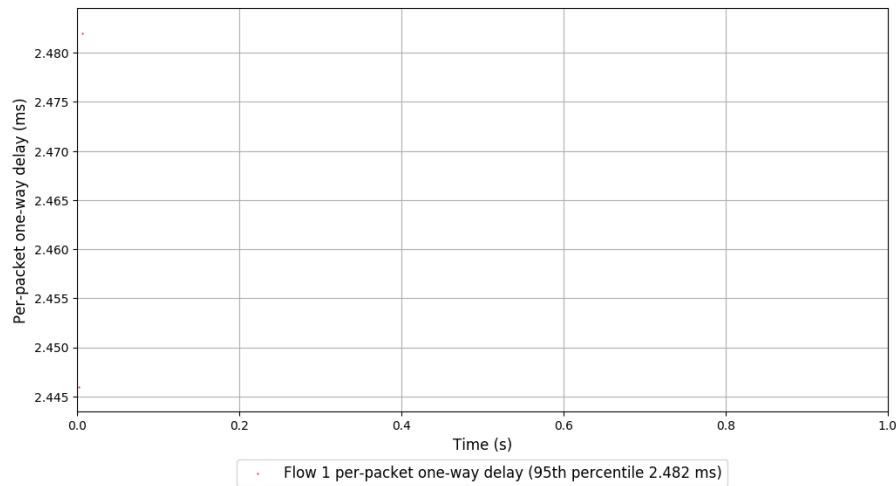
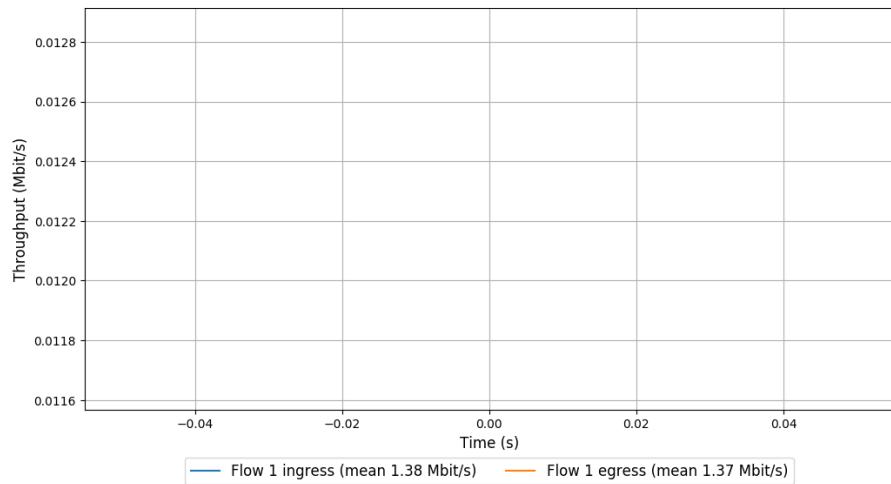
Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:01:35 +0000
End at: Wed, 05 Jul 2017 08:02:05 +0000
Local clock offset: 0.092 ms
Remote clock offset: -0.191 ms

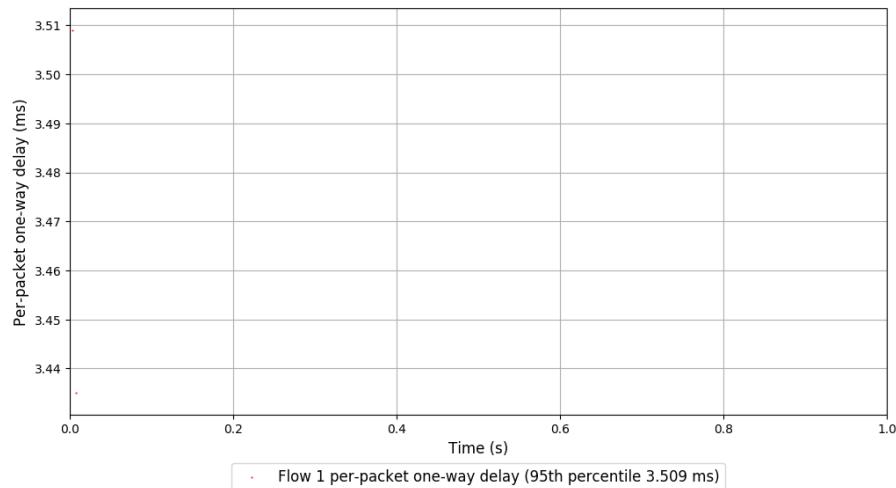
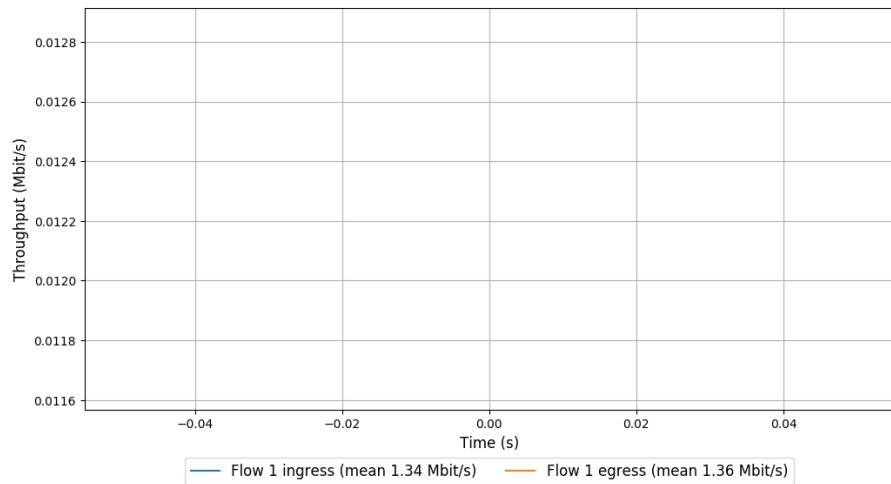
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:18:33 +0000
End at: Wed, 05 Jul 2017 08:19:03 +0000
Local clock offset: 0.301 ms
Remote clock offset: -1.114 ms

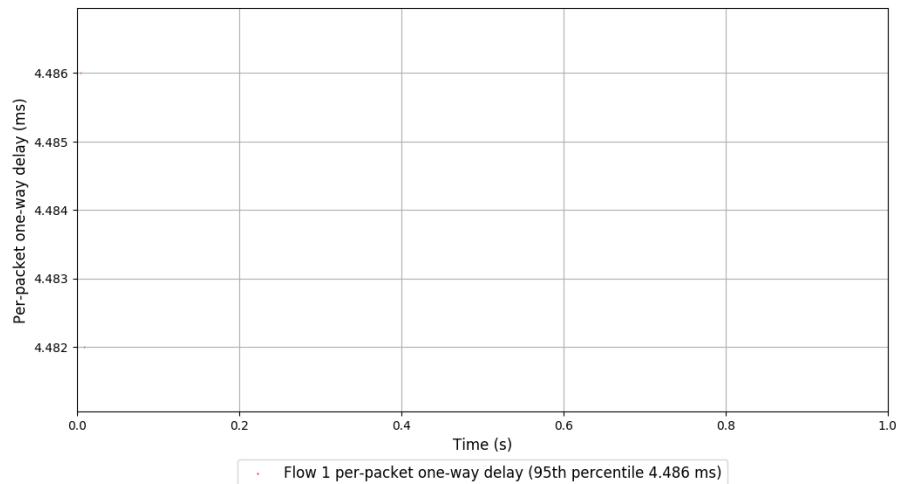
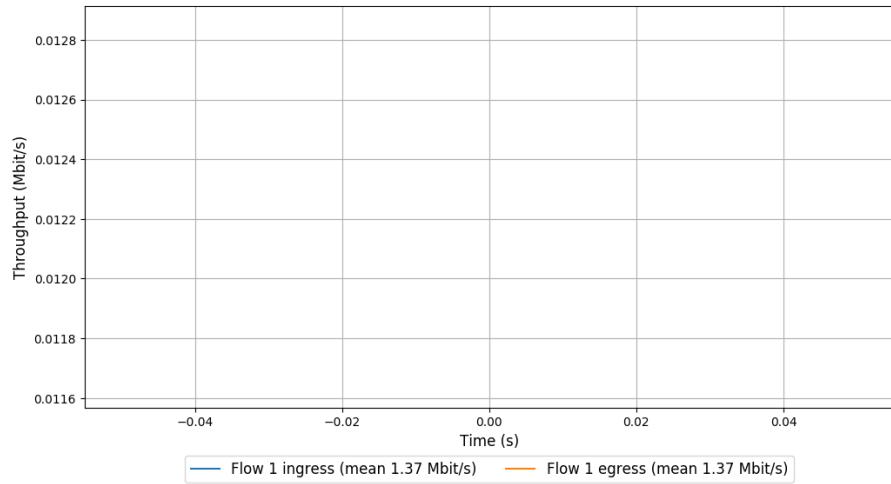
Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:35:29 +0000
End at: Wed, 05 Jul 2017 08:35:59 +0000
Local clock offset: 0.231 ms
Remote clock offset: -2.074 ms

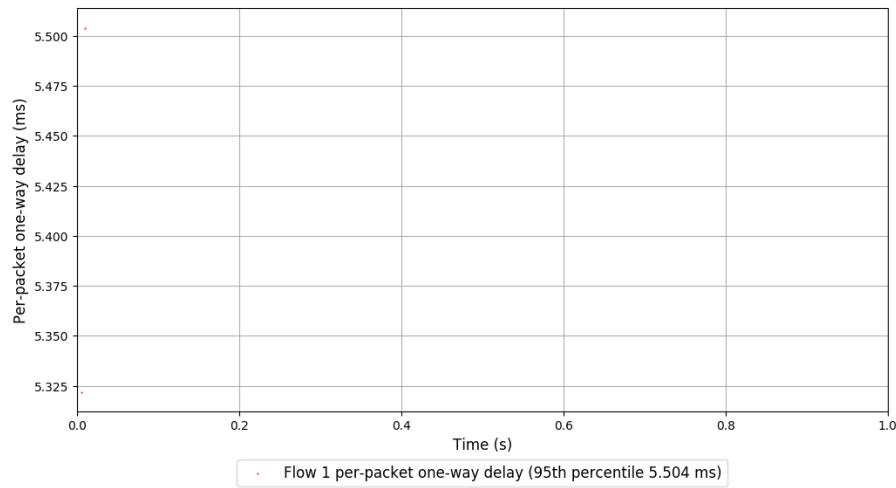
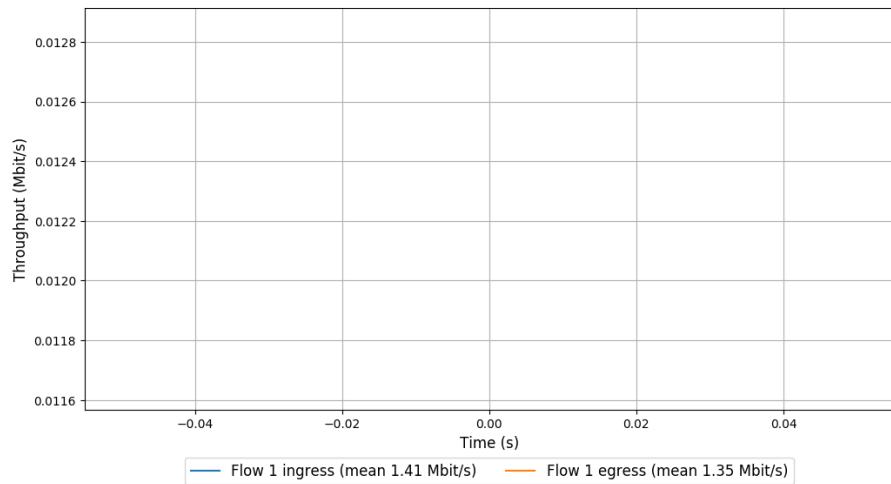
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 08:52:28 +0000
End at: Wed, 05 Jul 2017 08:52:58 +0000
Local clock offset: 0.177 ms
Remote clock offset: -3.217 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

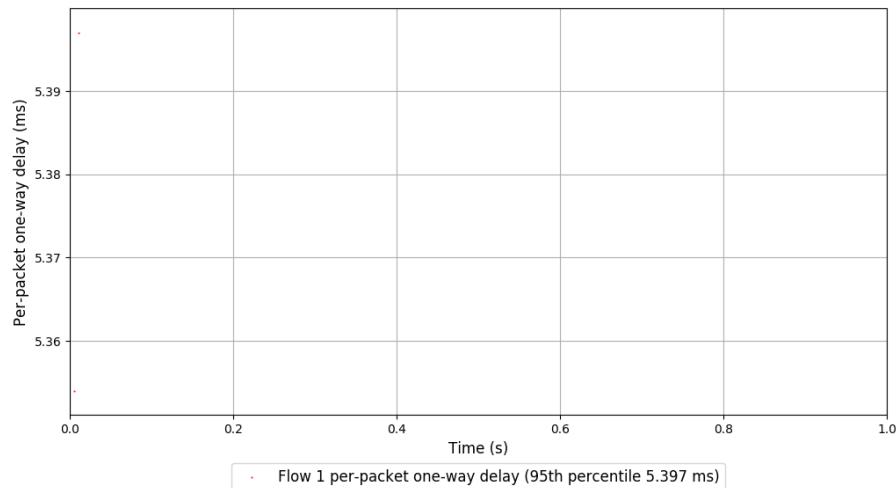
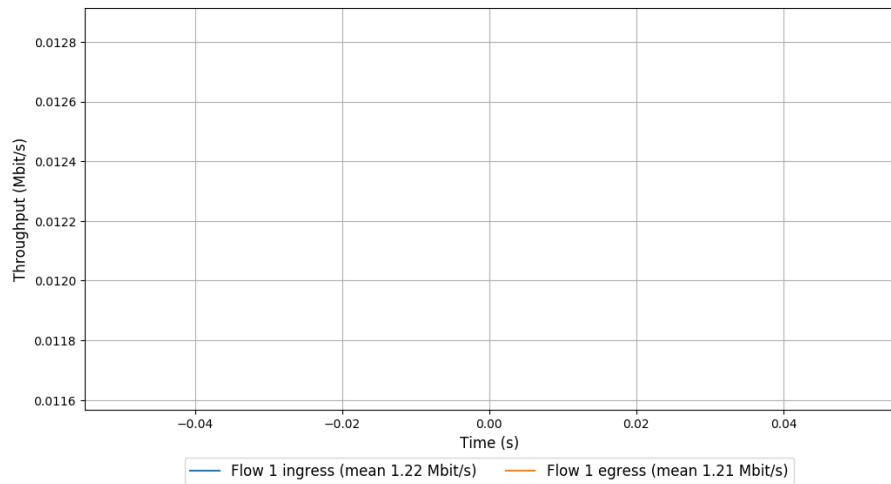
Start at: Wed, 05 Jul 2017 09:09:26 +0000

End at: Wed, 05 Jul 2017 09:09:56 +0000

Local clock offset: 0.128 ms

Remote clock offset: -3.172 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

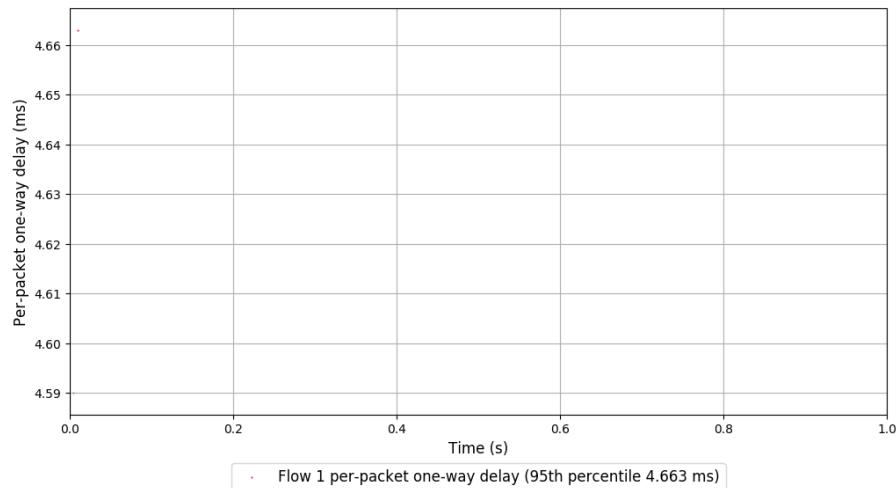
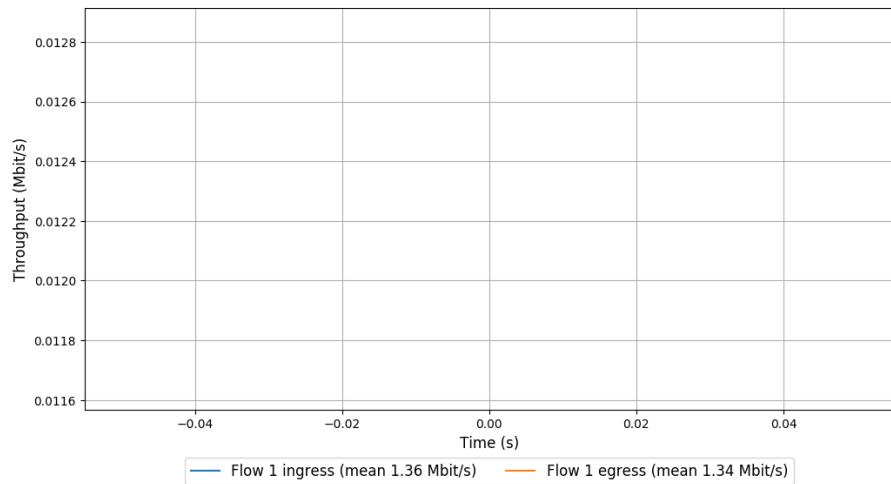
Start at: Wed, 05 Jul 2017 09:26:30 +0000

End at: Wed, 05 Jul 2017 09:27:00 +0000

Local clock offset: 0.059 ms

Remote clock offset: -2.455 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

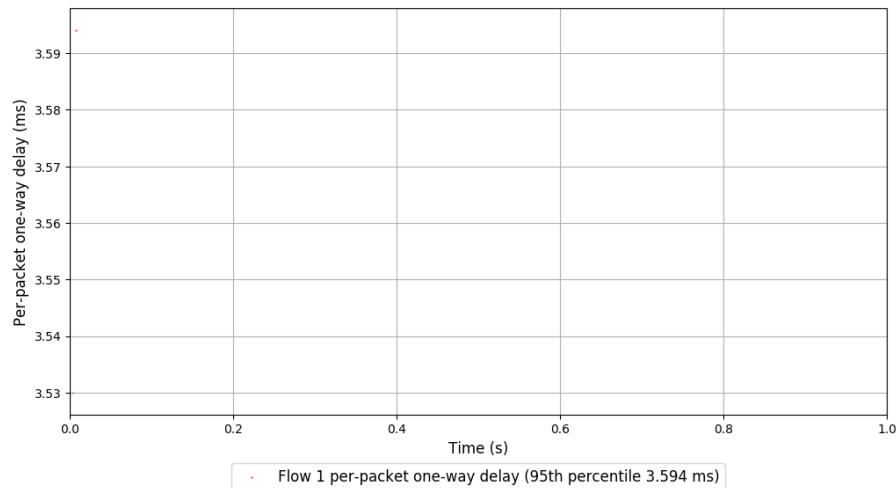
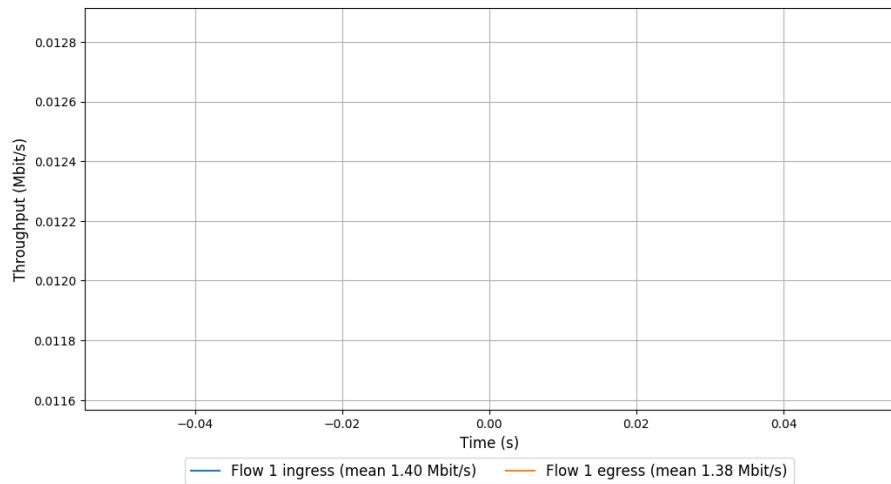
Start at: Wed, 05 Jul 2017 09:43:29 +0000

End at: Wed, 05 Jul 2017 09:43:59 +0000

Local clock offset: 0.132 ms

Remote clock offset: -1.405 ms

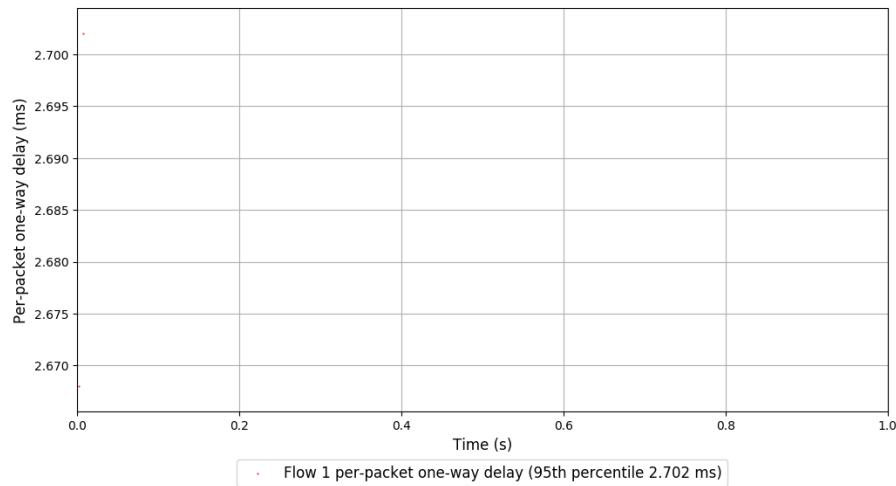
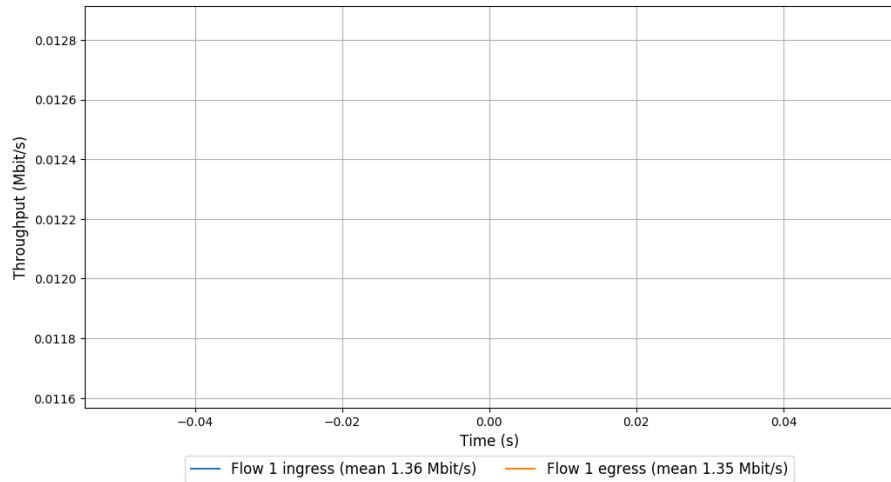
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:00:31 +0000
End at: Wed, 05 Jul 2017 10:01:01 +0000
Local clock offset: 0.073 ms
Remote clock offset: -0.553 ms

Run 10: Report of QUIC Cubic — Data Link

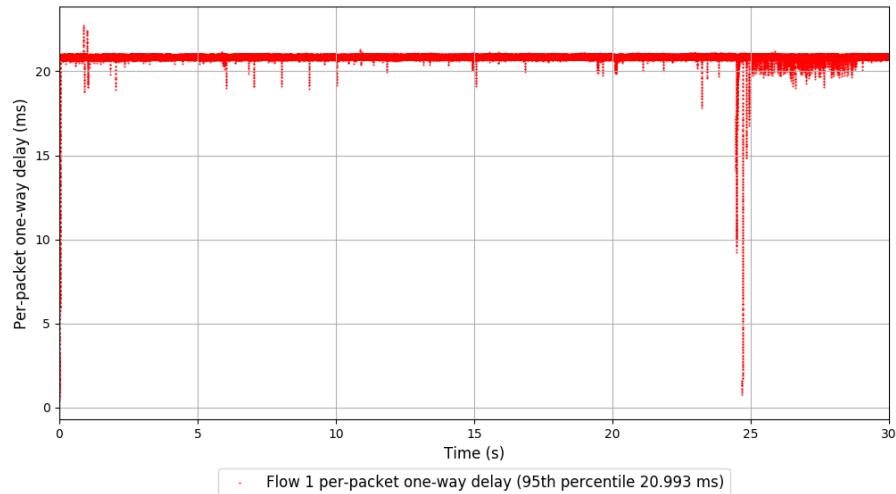
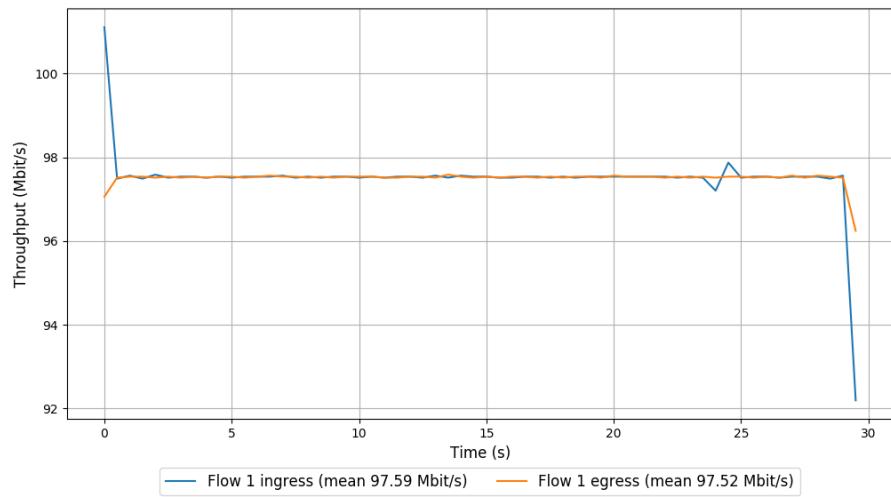


Run 1: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:19:35 +0000
End at: Wed, 05 Jul 2017 07:20:05 +0000
Local clock offset: -0.064 ms
Remote clock offset: 1.555 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 20.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 20.993 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

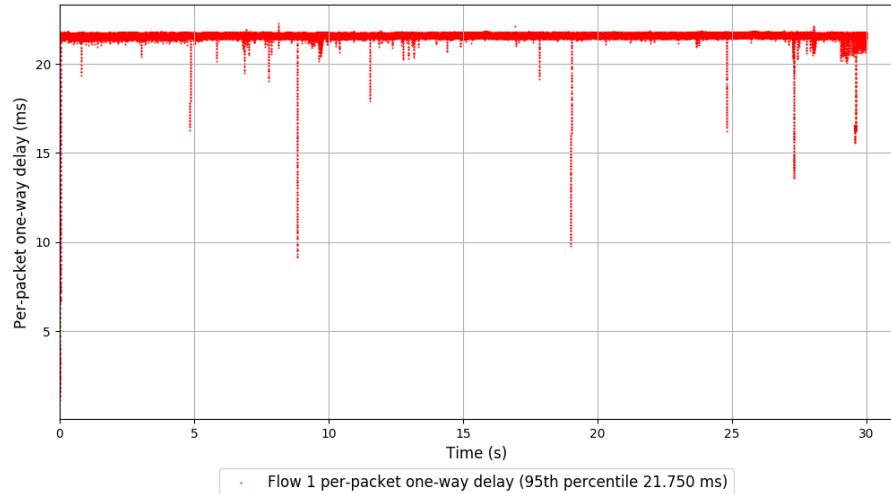
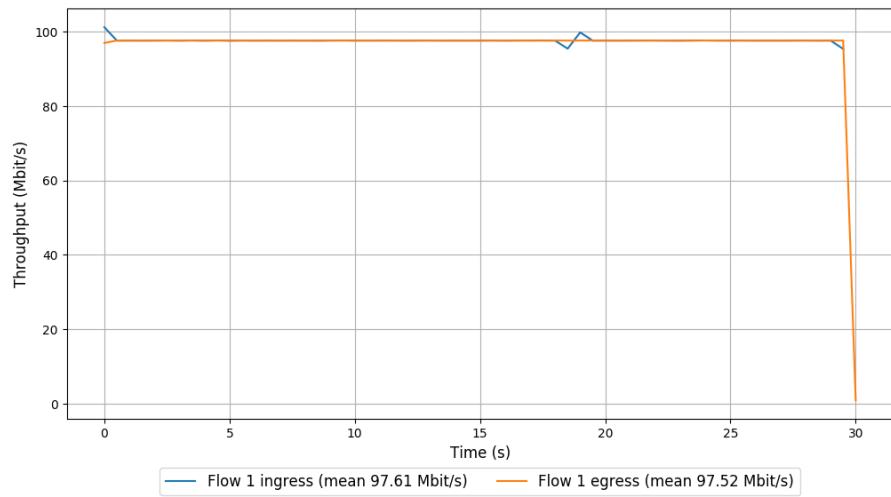


Run 2: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:36:32 +0000
End at: Wed, 05 Jul 2017 07:37:02 +0000
Local clock offset: -0.063 ms
Remote clock offset: 1.006 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 21.750 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 21.750 ms
Loss rate: 0.02%
```

Run 2: Report of Saturator — Data Link

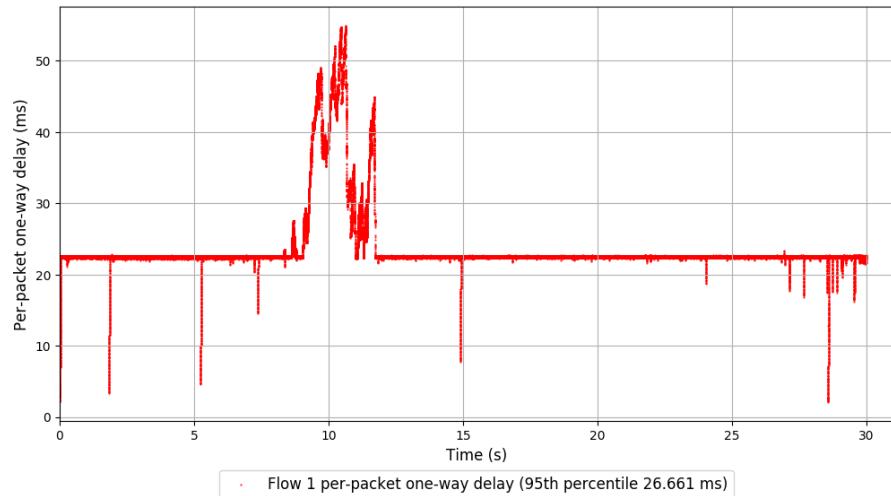
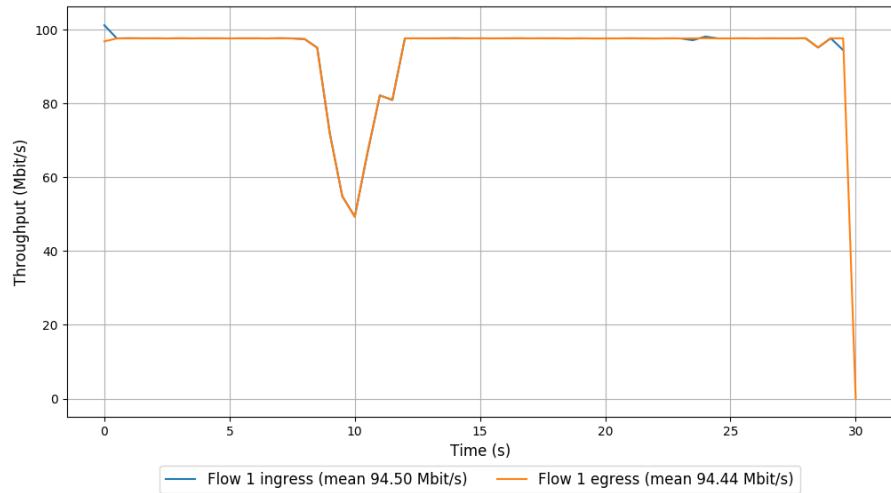


Run 3: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 07:53:30 +0000
End at: Wed, 05 Jul 2017 07:54:00 +0000
Local clock offset: 0.123 ms
Remote clock offset: 0.222 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 26.661 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 26.661 ms
Loss rate: 0.02%
```

Run 3: Report of Saturator — Data Link

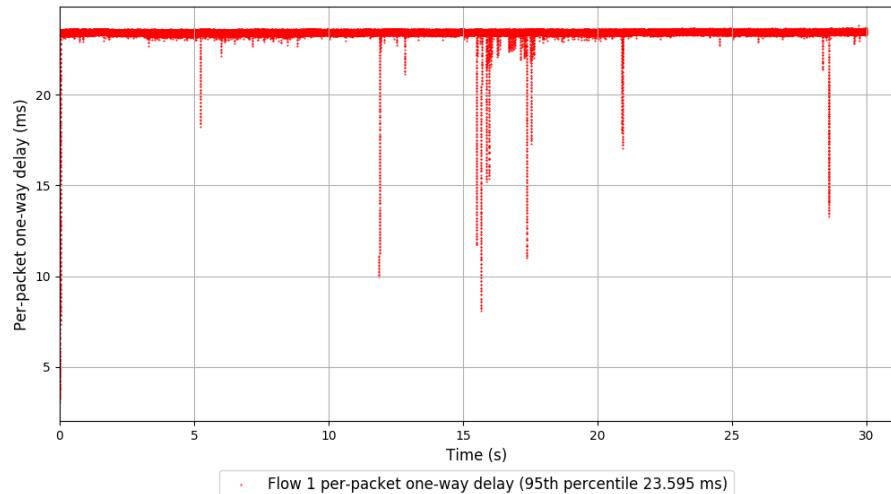
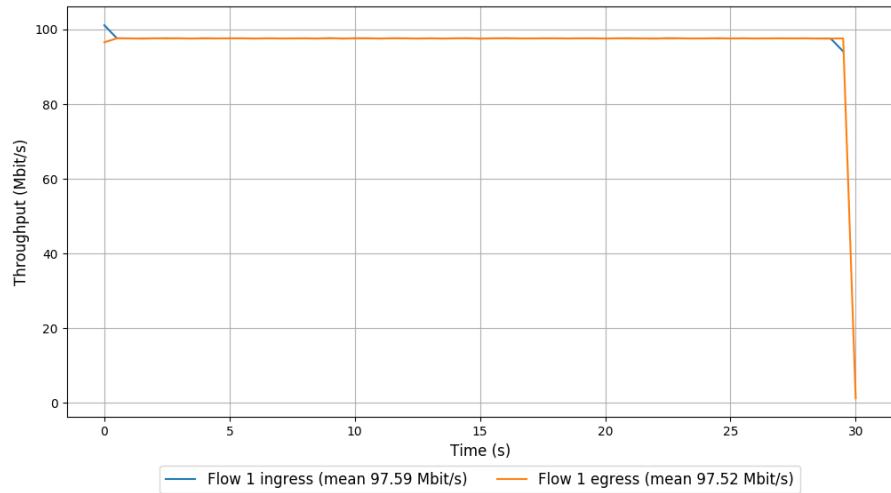


Run 4: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:10:29 +0000
End at: Wed, 05 Jul 2017 08:10:59 +0000
Local clock offset: 0.214 ms
Remote clock offset: -0.725 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 23.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 23.595 ms
Loss rate: 0.00%
```

Run 4: Report of Saturator — Data Link

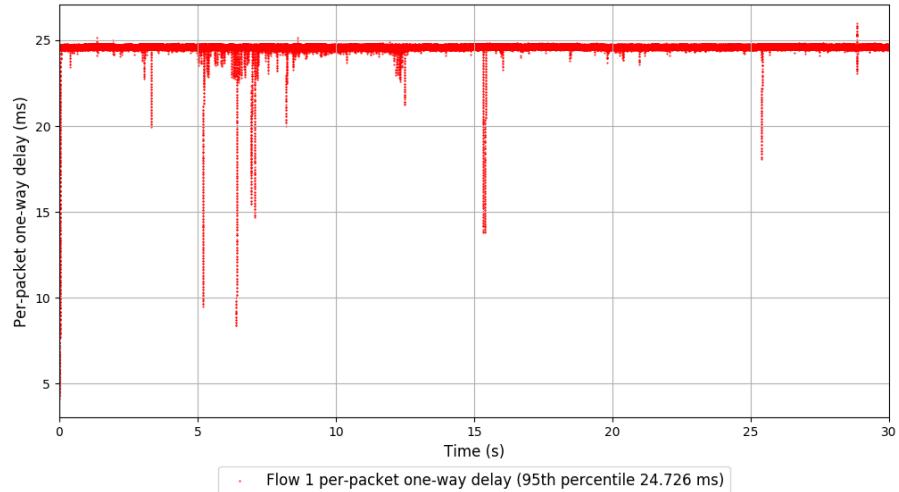
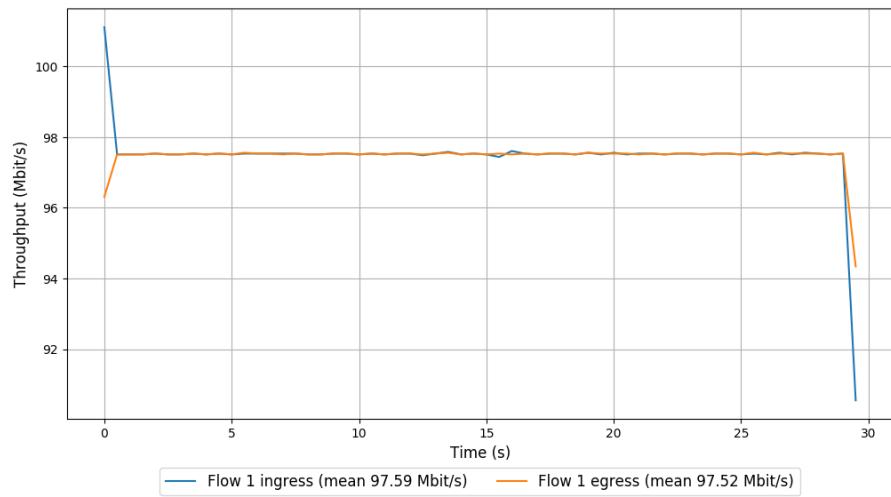


Run 5: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:27:25 +0000
End at: Wed, 05 Jul 2017 08:27:55 +0000
Local clock offset: 0.296 ms
Remote clock offset: -1.635 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 24.726 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 24.726 ms
Loss rate: 0.02%
```

Run 5: Report of Saturator — Data Link

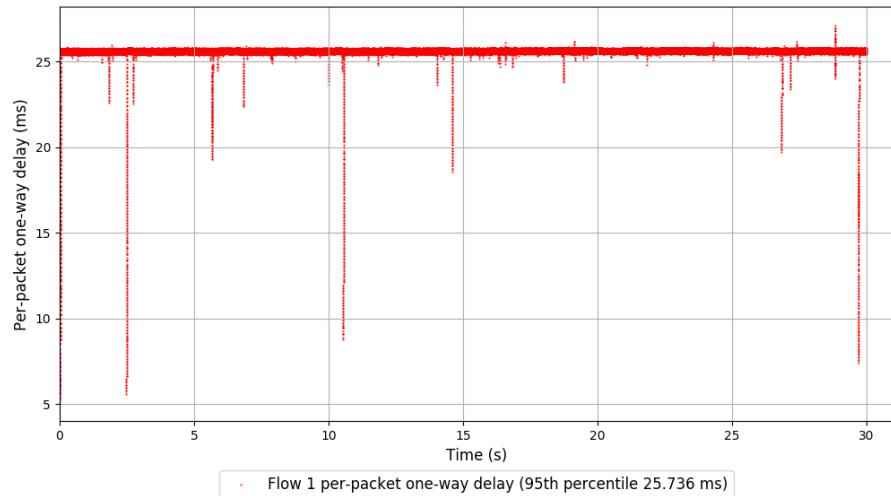
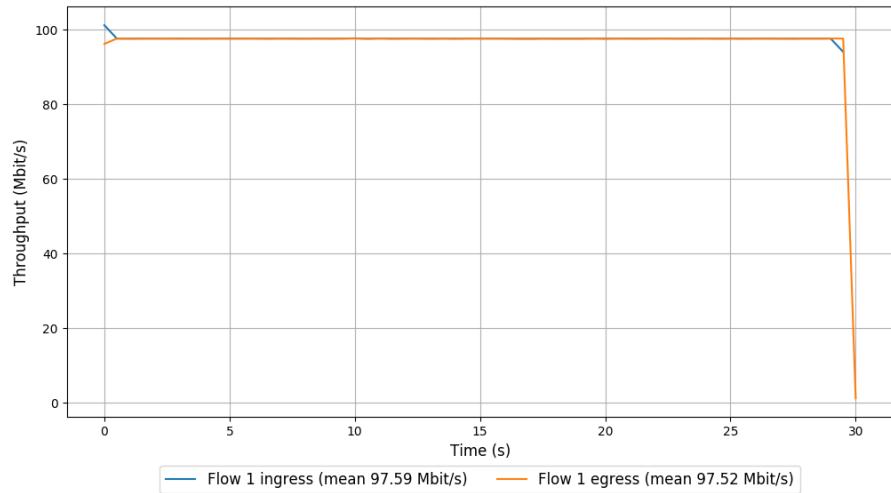


Run 6: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 08:44:24 +0000
End at: Wed, 05 Jul 2017 08:44:54 +0000
Local clock offset: 0.232 ms
Remote clock offset: -2.855 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 25.736 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 25.736 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link

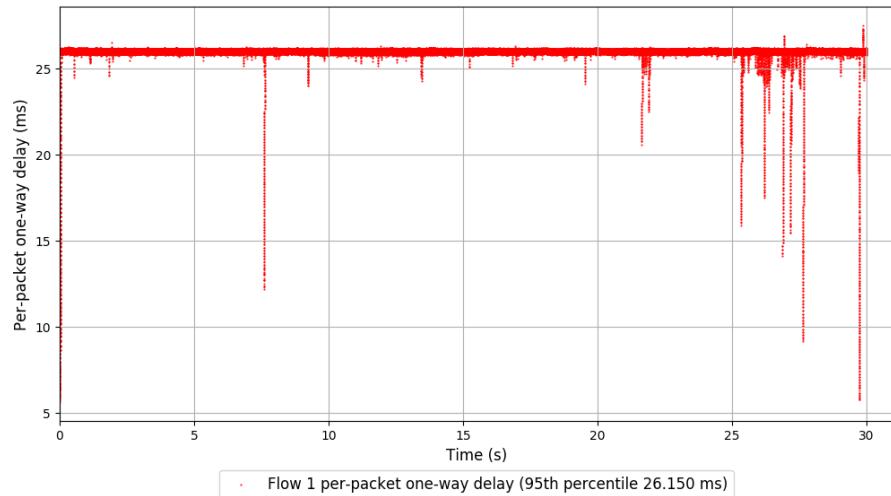
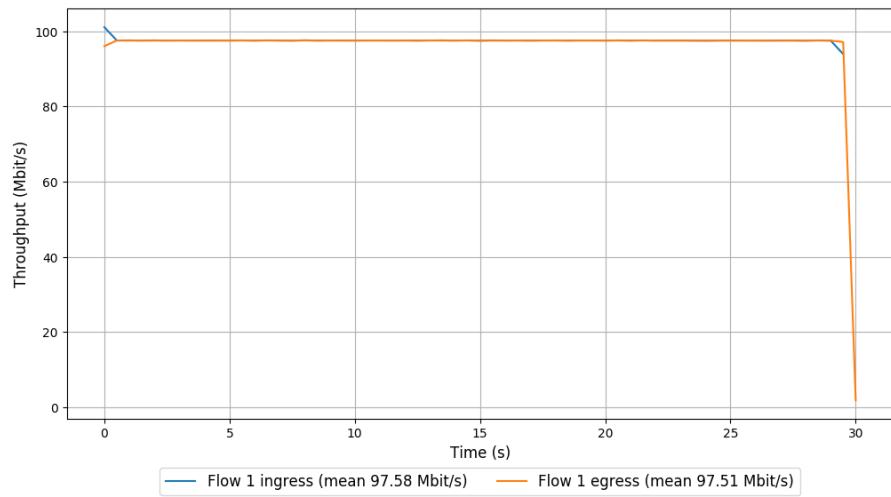


Run 7: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:01:22 +0000
End at: Wed, 05 Jul 2017 09:01:52 +0000
Local clock offset: 0.15 ms
Remote clock offset: -3.387 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 26.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 26.150 ms
Loss rate: 0.00%
```

Run 7: Report of Saturator — Data Link

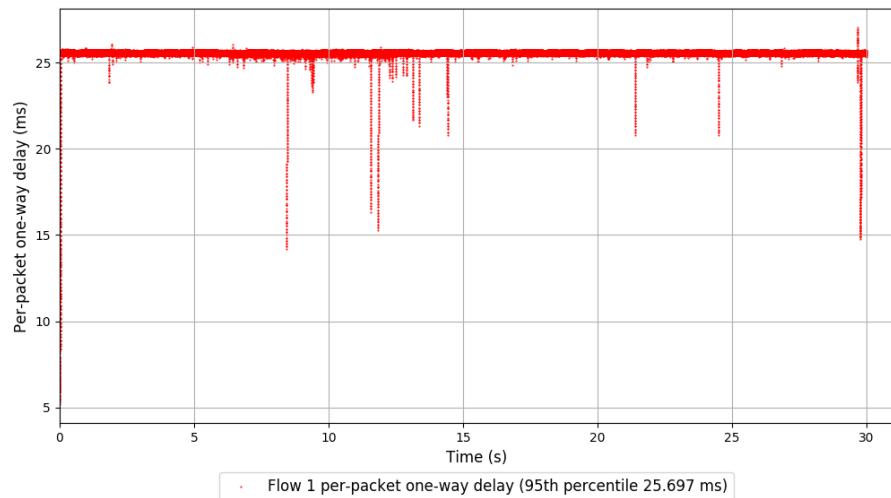
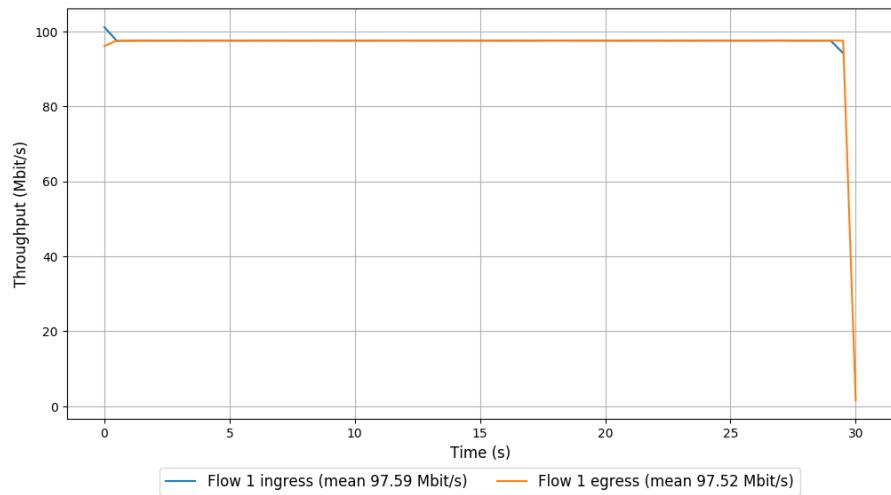


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:18:25 +0000
End at: Wed, 05 Jul 2017 09:18:55 +0000
Local clock offset: 0.121 ms
Remote clock offset: -2.879 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 25.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 25.697 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

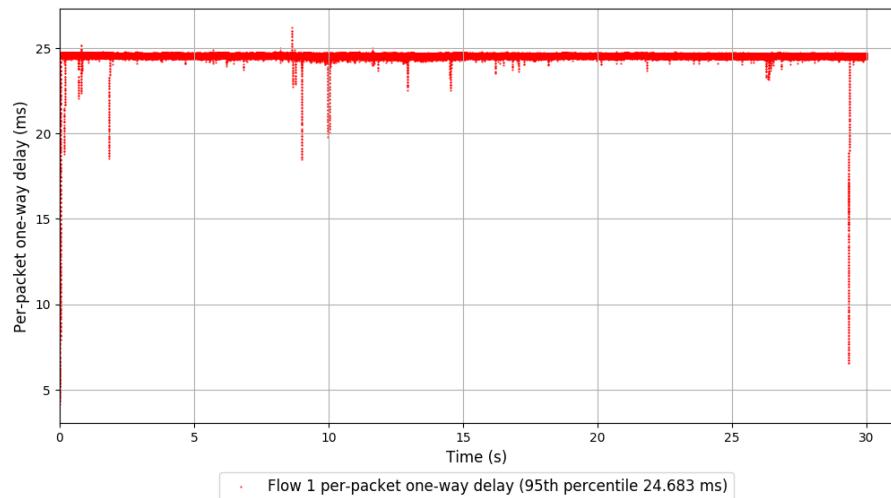
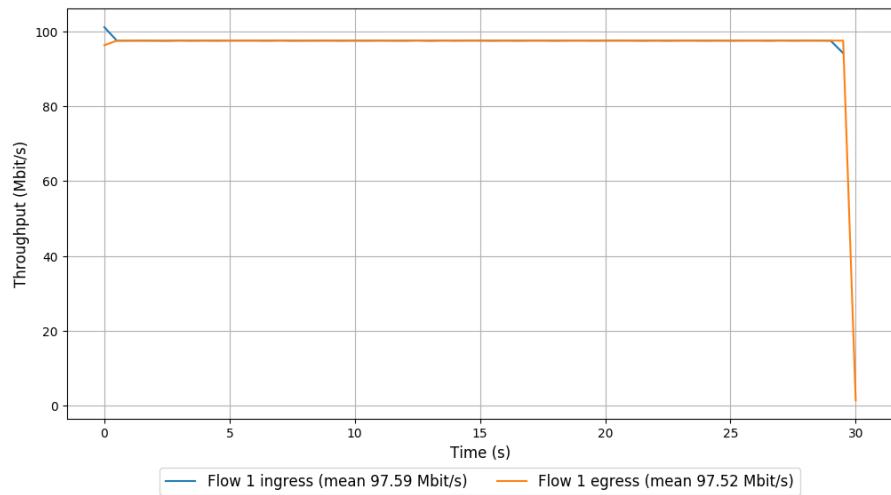


Run 9: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:35:24 +0000
End at: Wed, 05 Jul 2017 09:35:54 +0000
Local clock offset: 0.162 ms
Remote clock offset: -1.846 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:35:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 24.683 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 24.683 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link

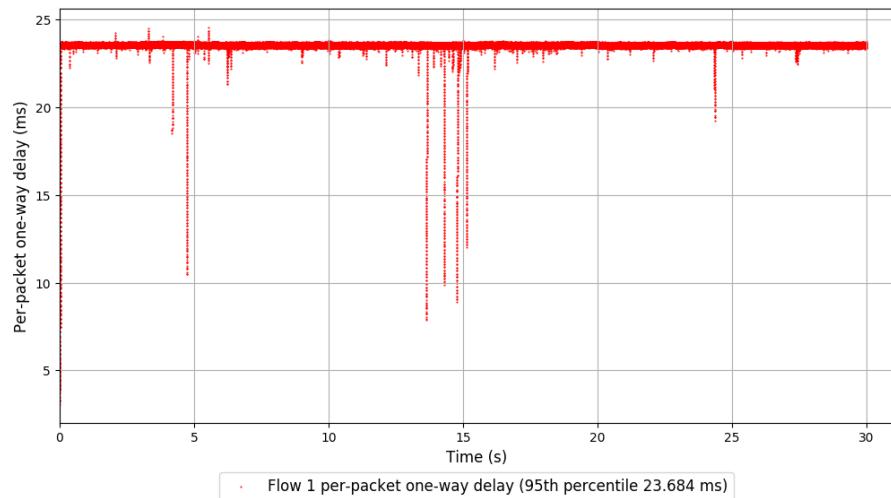
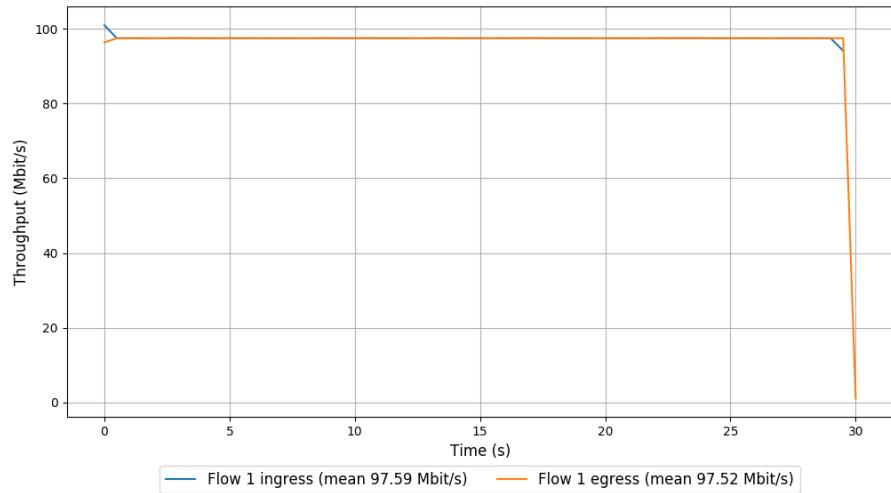


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 09:52:26 +0000
End at: Wed, 05 Jul 2017 09:52:56 +0000
Local clock offset: 0.148 ms
Remote clock offset: -0.874 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 23.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 23.684 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link



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

```
Start at: Wed, 05 Jul 2017 07:18:31 +0000
```

```
End at: Wed, 05 Jul 2017 07:19:01 +0000
```

```
Local clock offset: -0.072 ms
```

```
Remote clock offset: 1.623 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.452 ms
```

```
Loss rate: 0.00%
```

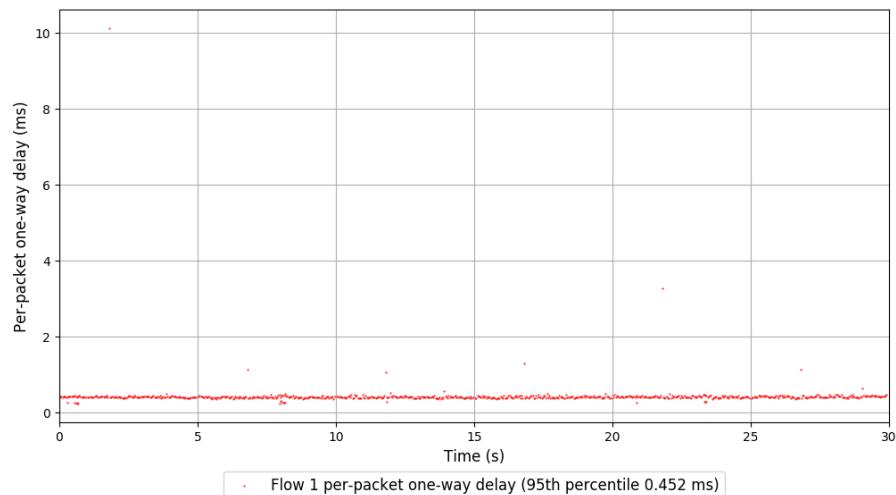
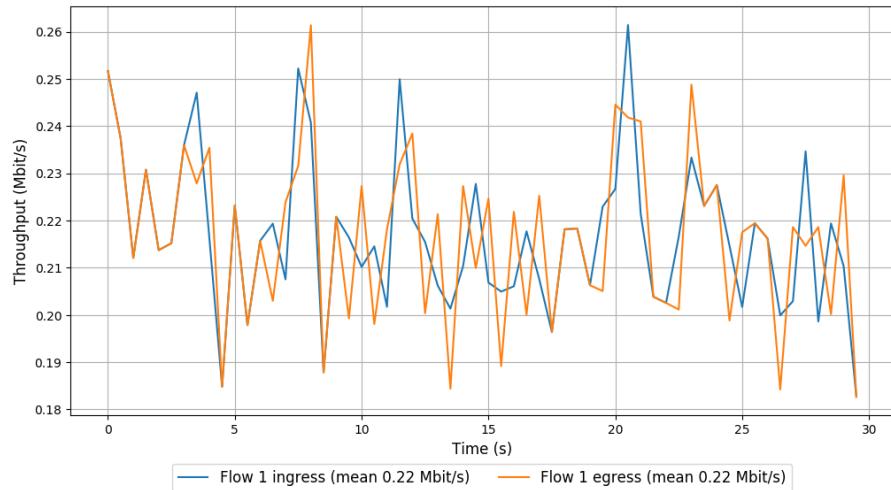
```
-- Flow 1:
```

```
Average throughput: 0.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 0.452 ms
```

```
Loss rate: 0.00%
```

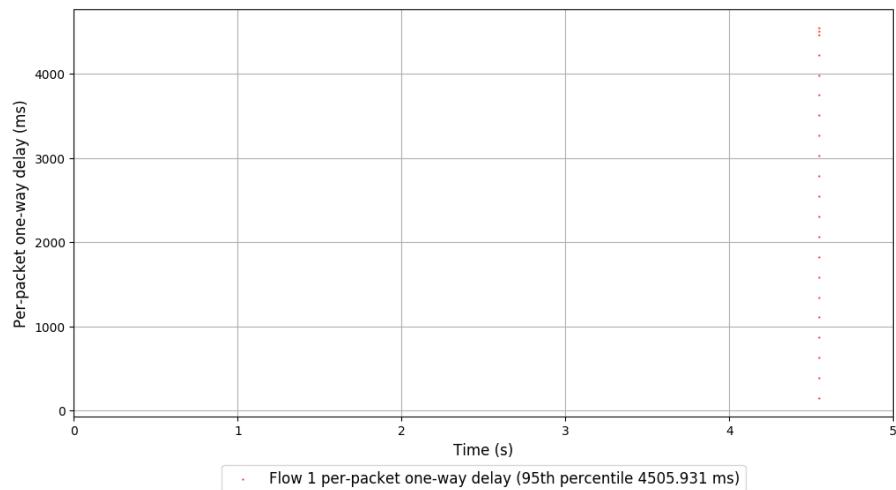
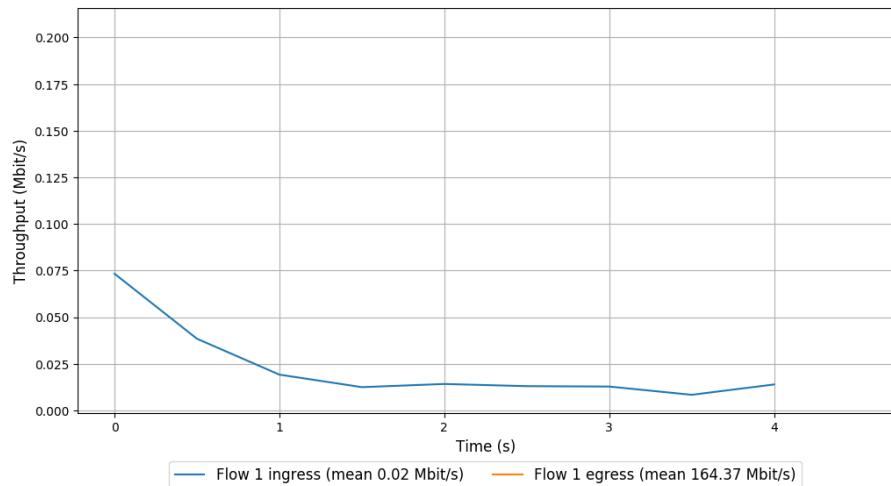
Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 07:35:29 +0000
End at: Wed, 05 Jul 2017 07:35:59 +0000
Local clock offset: -0.063 ms
Remote clock offset: 0.987 ms

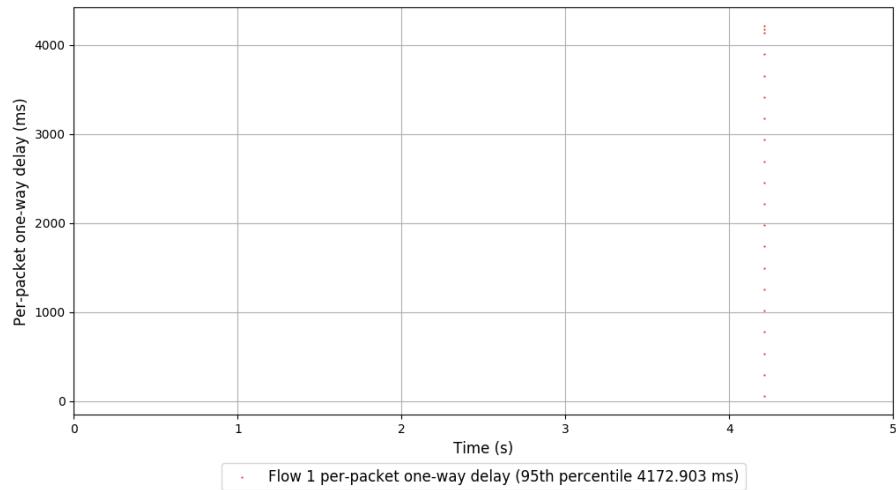
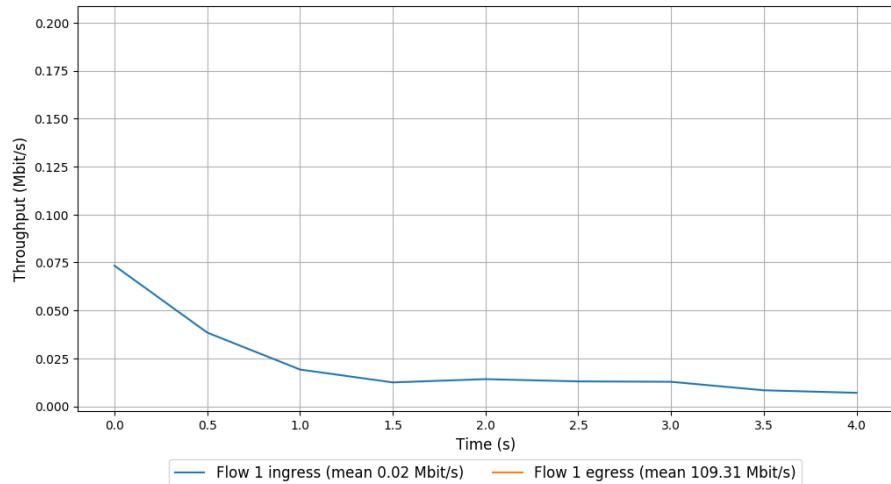
Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 07:52:27 +0000
End at: Wed, 05 Jul 2017 07:52:57 +0000
Local clock offset: 0.072 ms
Remote clock offset: 0.277 ms

Run 3: Report of SCReAM — Data Link

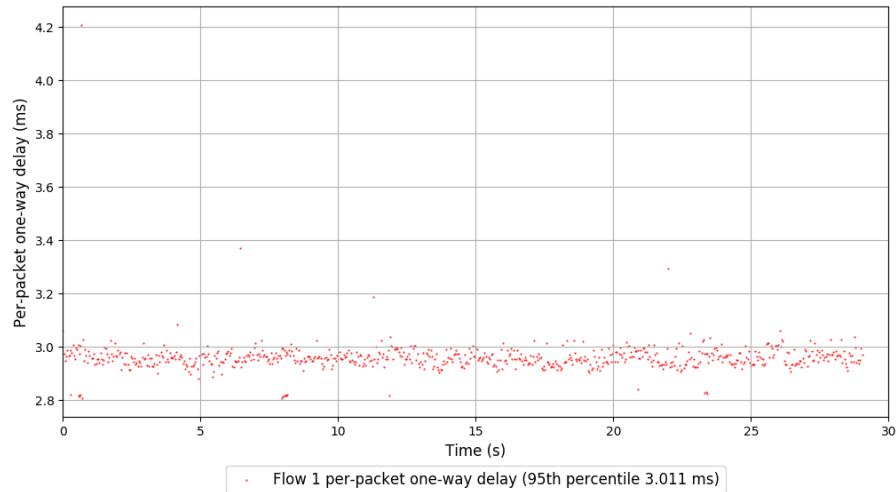
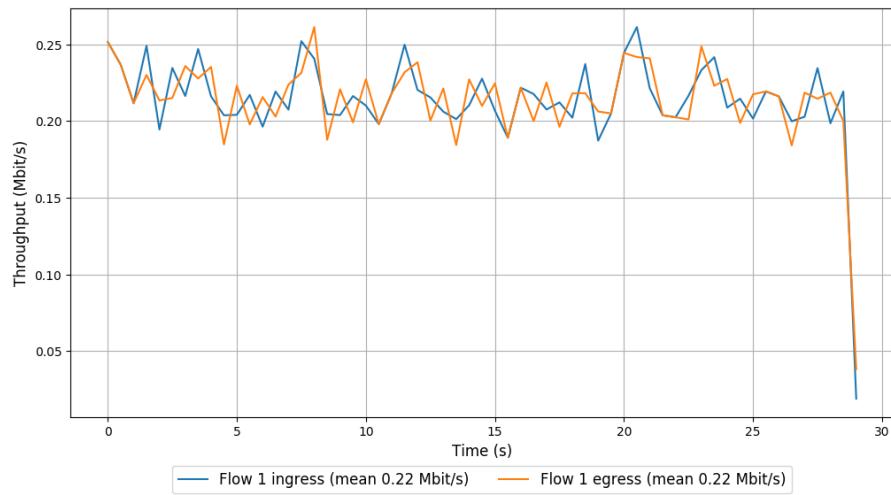


Run 4: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:09:25 +0000
End at: Wed, 05 Jul 2017 08:09:55 +0000
Local clock offset: 0.194 ms
Remote clock offset: -0.623 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.011 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.011 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

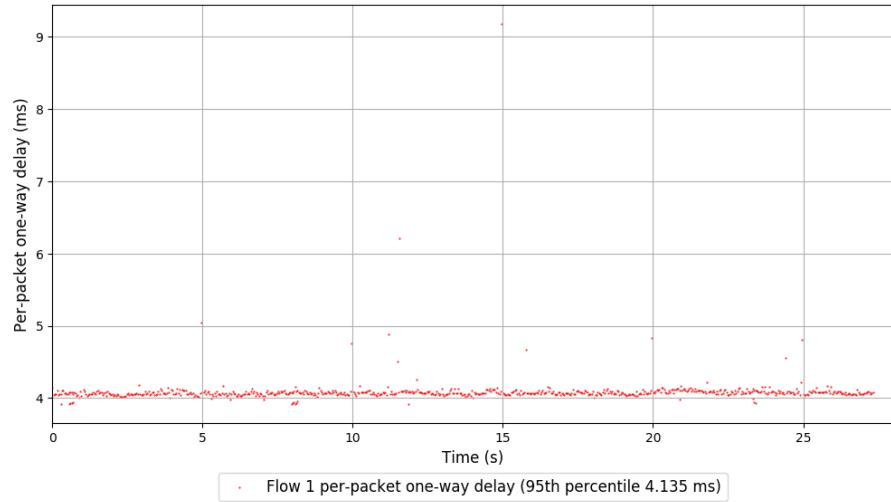
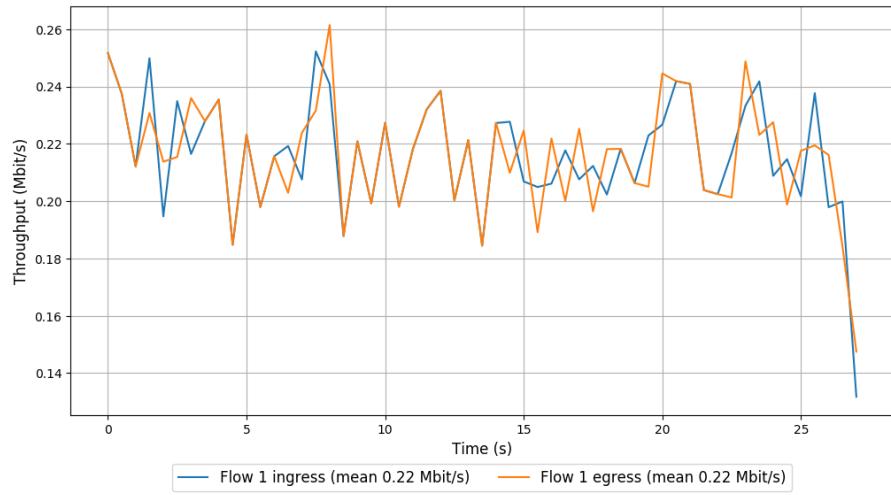


Run 5: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 08:26:21 +0000
End at: Wed, 05 Jul 2017 08:26:51 +0000
Local clock offset: 0.316 ms
Remote clock offset: -1.587 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.135 ms
Loss rate: 0.00%
```

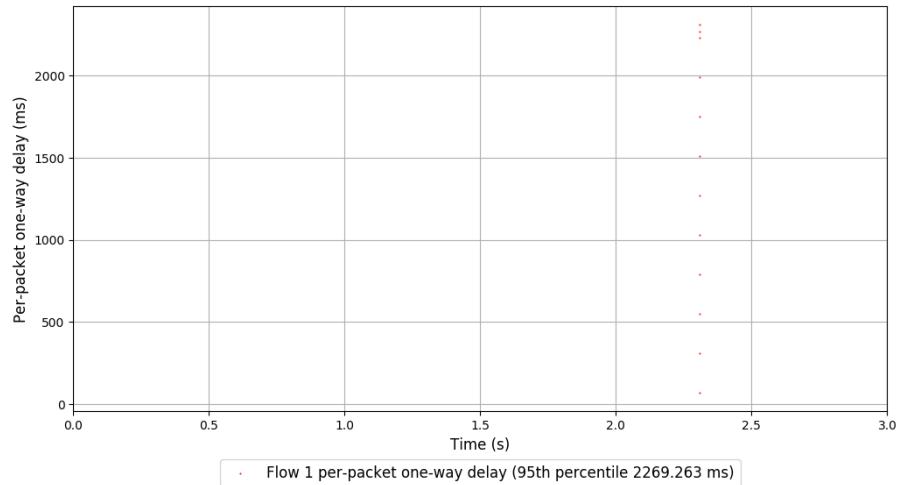
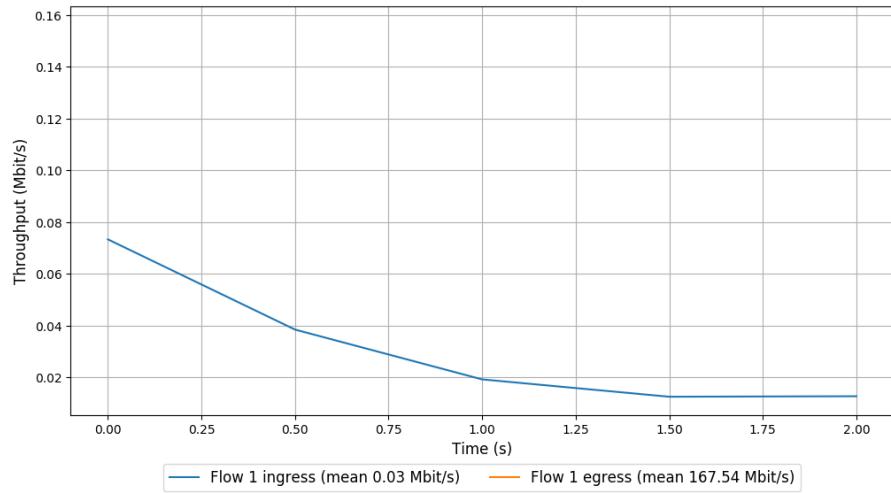
Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 08:43:20 +0000
End at: Wed, 05 Jul 2017 08:43:50 +0000
Local clock offset: 0.264 ms
Remote clock offset: -2.676 ms

Run 6: Report of SCReAM — Data Link

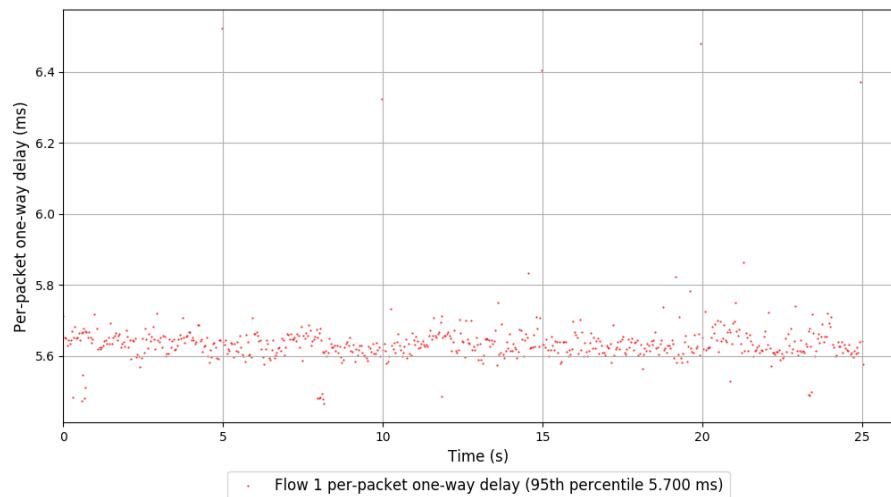
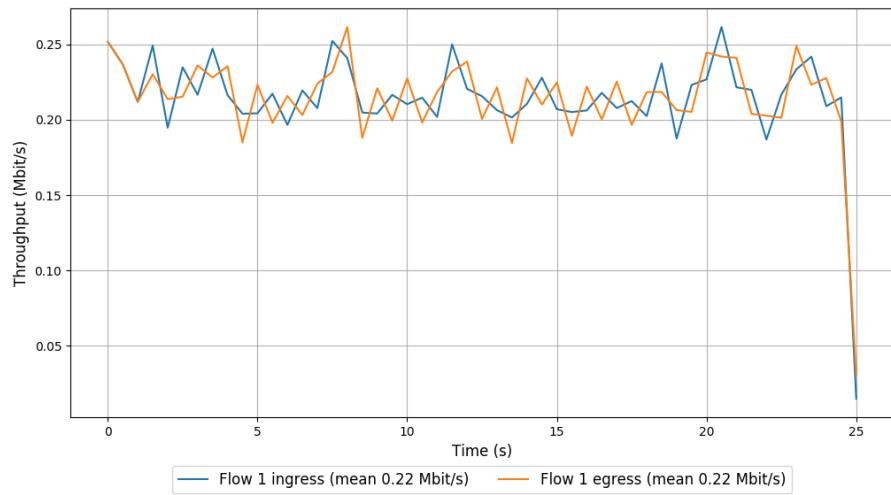


Run 7: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:00:19 +0000
End at: Wed, 05 Jul 2017 09:00:49 +0000
Local clock offset: 0.128 ms
Remote clock offset: -3.405 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.700 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

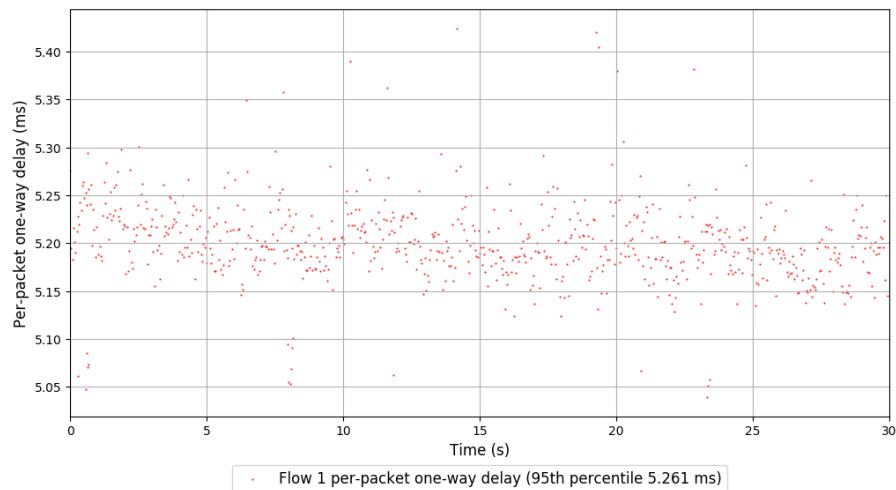
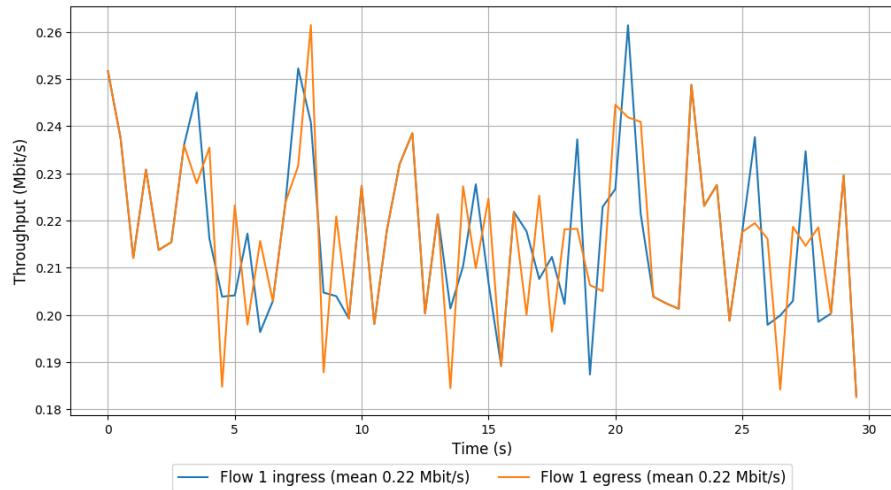


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:17:22 +0000
End at: Wed, 05 Jul 2017 09:17:52 +0000
Local clock offset: 0.105 ms
Remote clock offset: -3.006 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.261 ms
Loss rate: 0.00%
```

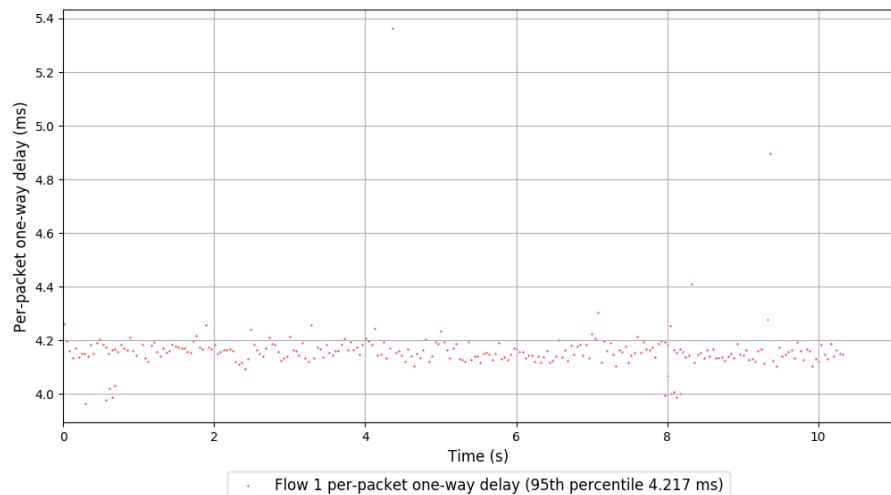
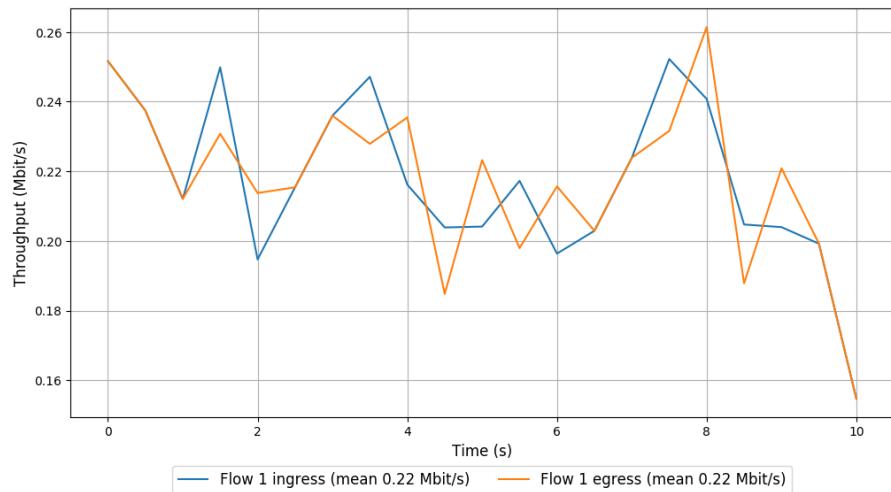
Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 09:34:20 +0000
End at: Wed, 05 Jul 2017 09:34:50 +0000
Local clock offset: 0.061 ms
Remote clock offset: -1.94 ms

Run 9: Report of SCReAM — Data Link

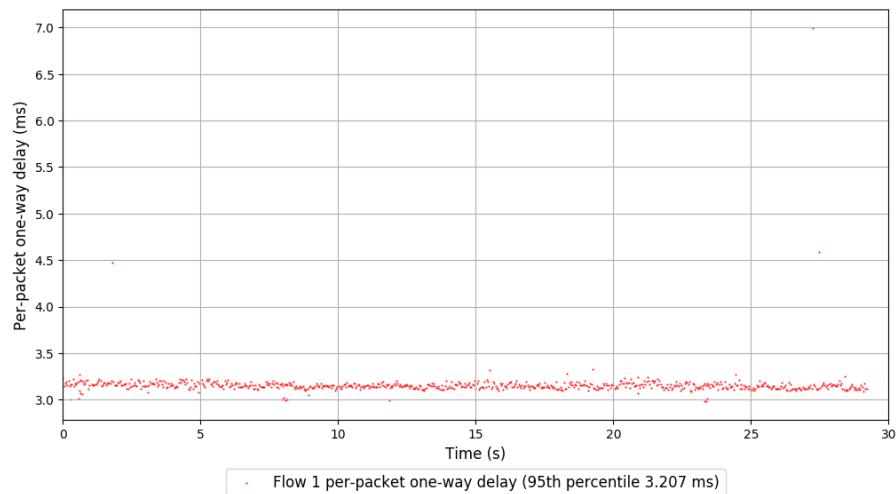
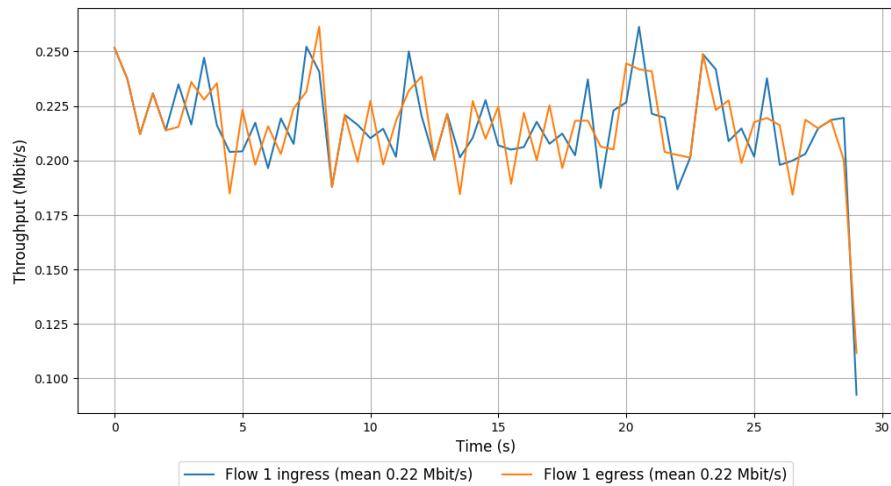


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 09:51:22 +0000
End at: Wed, 05 Jul 2017 09:51:52 +0000
Local clock offset: 0.127 ms
Remote clock offset: -0.916 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.207 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

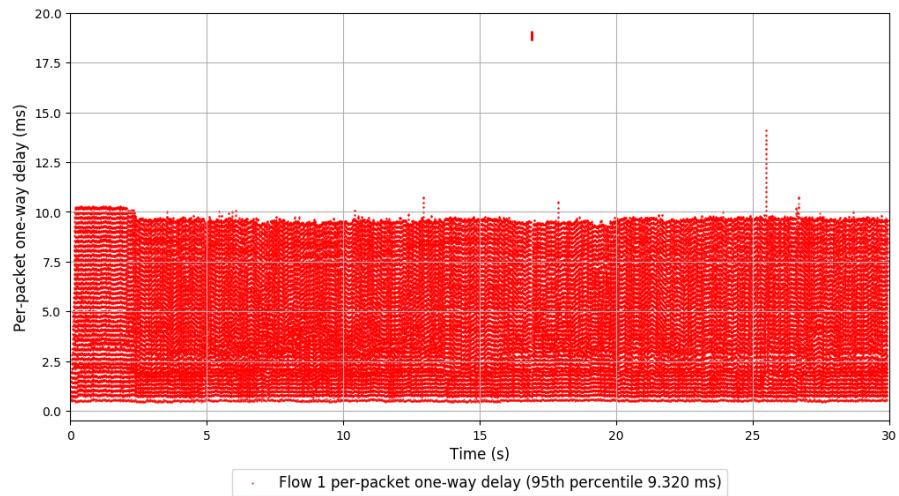
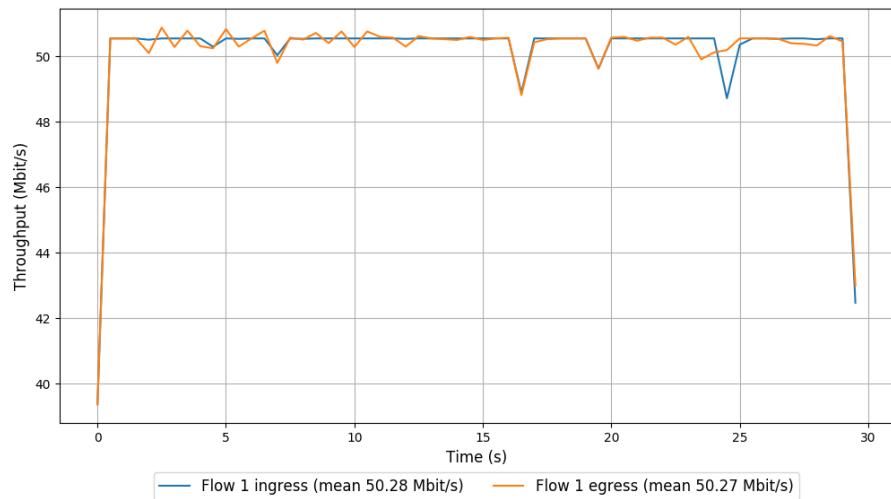


Run 1: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:21:54 +0000
End at: Wed, 05 Jul 2017 07:22:25 +0000
Local clock offset: -0.125 ms
Remote clock offset: 1.556 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 9.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 9.320 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

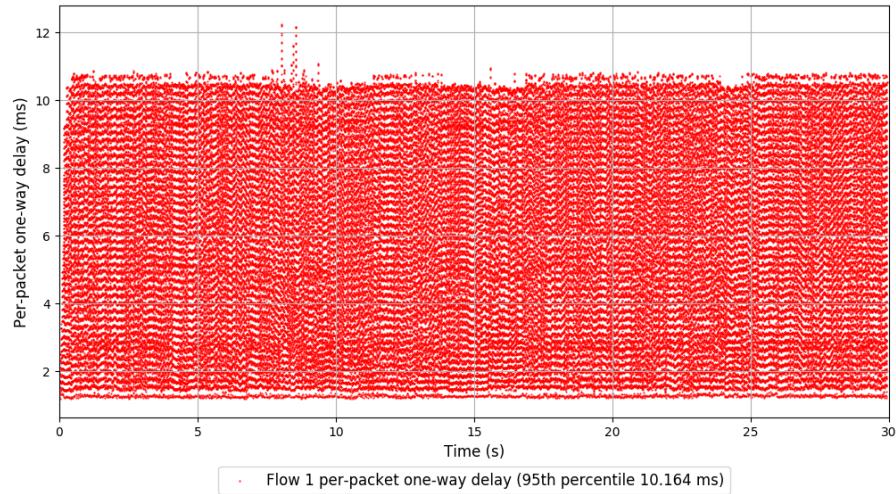
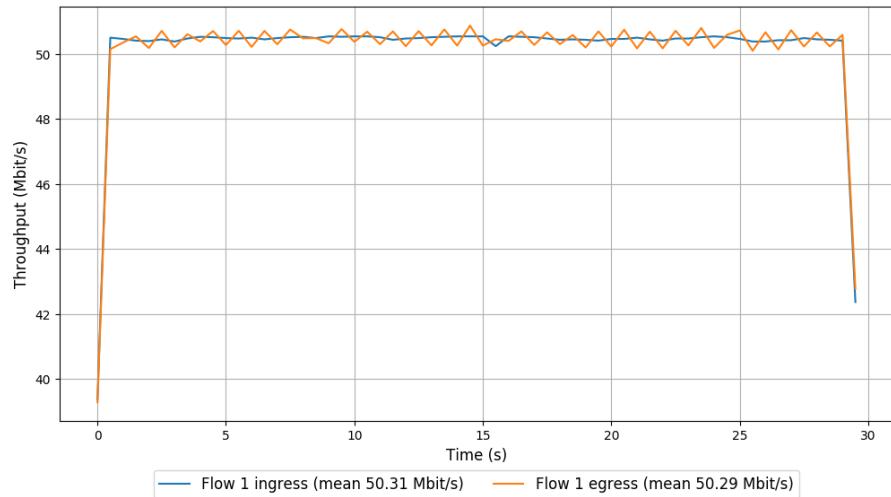


Run 2: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:38:52 +0000
End at: Wed, 05 Jul 2017 07:39:22 +0000
Local clock offset: -0.058 ms
Remote clock offset: 0.82 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 10.164 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 10.164 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

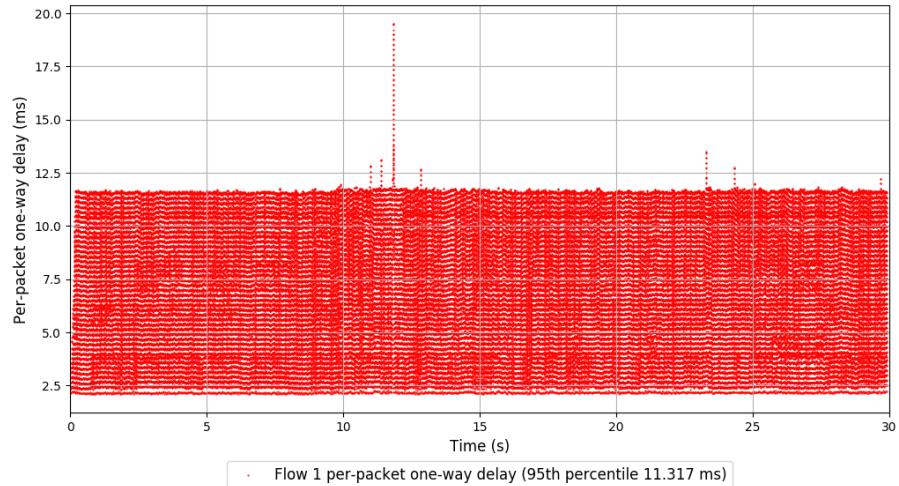
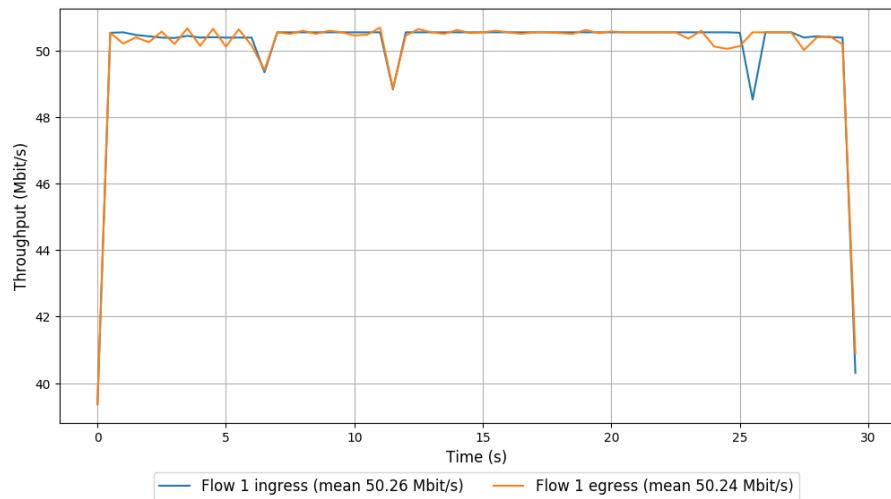


Run 3: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 07:55:50 +0000
End at: Wed, 05 Jul 2017 07:56:20 +0000
Local clock offset: 0.082 ms
Remote clock offset: 0.122 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.317 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

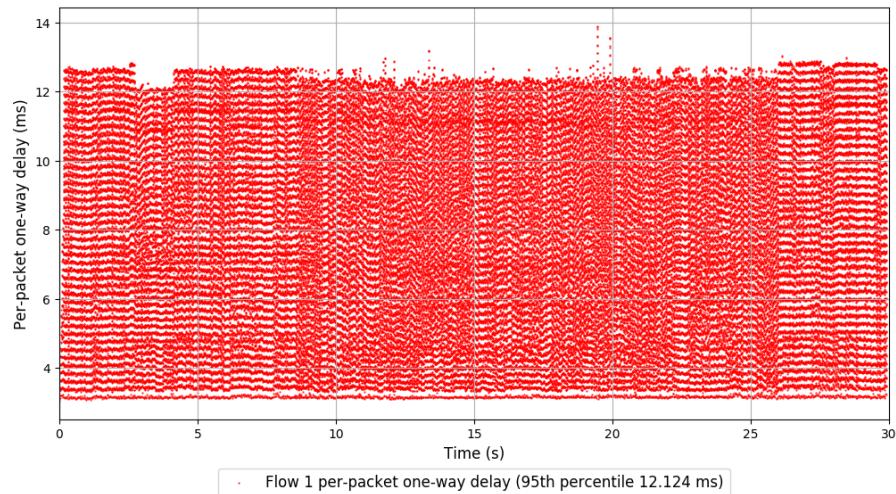
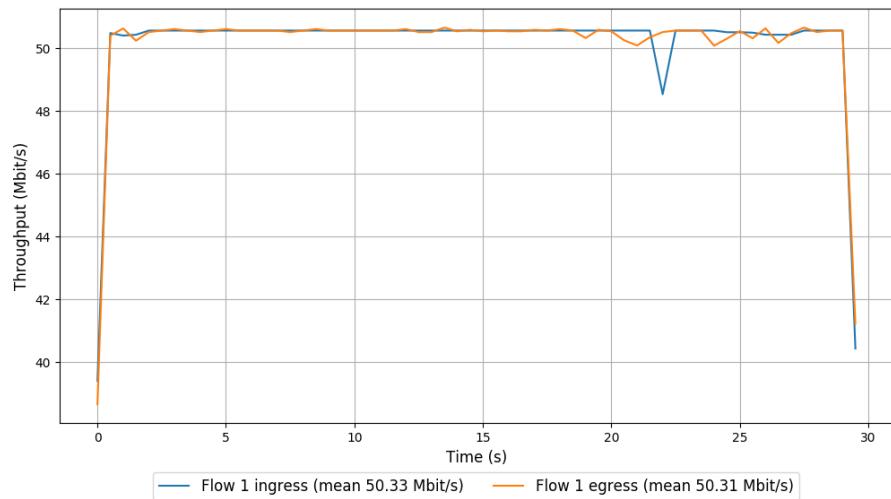


Run 4: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:12:48 +0000
End at: Wed, 05 Jul 2017 08:13:18 +0000
Local clock offset: 0.222 ms
Remote clock offset: -0.784 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 12.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 12.124 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

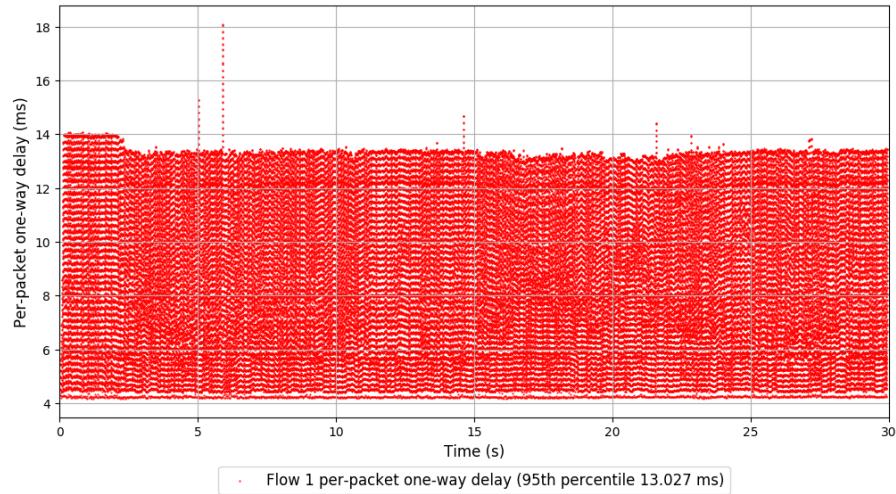
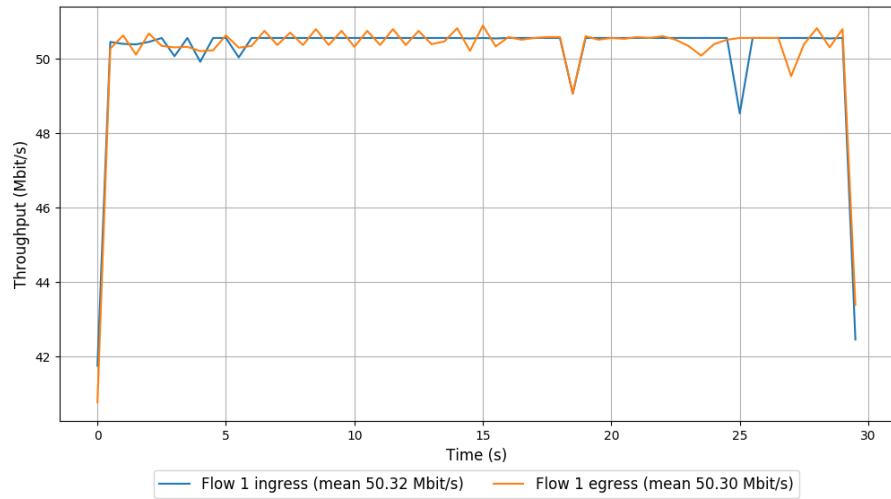


Run 5: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:29:44 +0000
End at: Wed, 05 Jul 2017 08:30:14 +0000
Local clock offset: 0.304 ms
Remote clock offset: -1.796 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 13.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 13.027 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

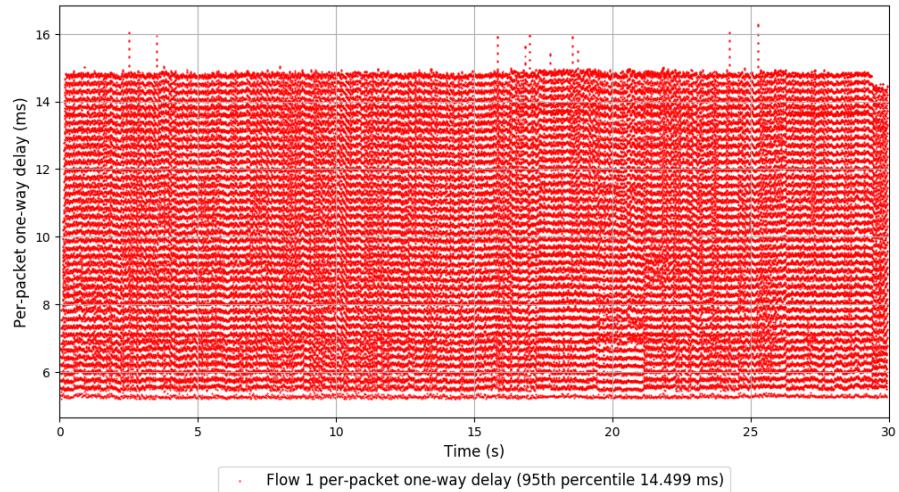
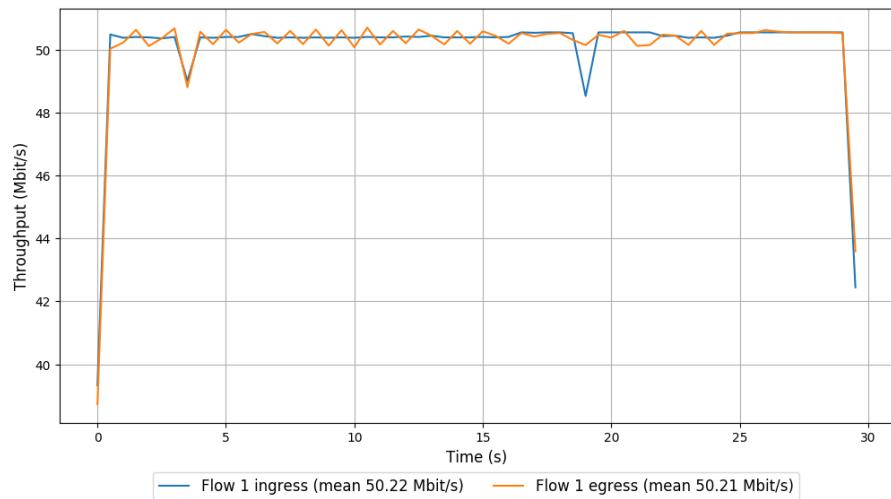


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 08:46:44 +0000
End at: Wed, 05 Jul 2017 08:47:14 +0000
Local clock offset: 0.207 ms
Remote clock offset: -2.934 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 14.499 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 14.499 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

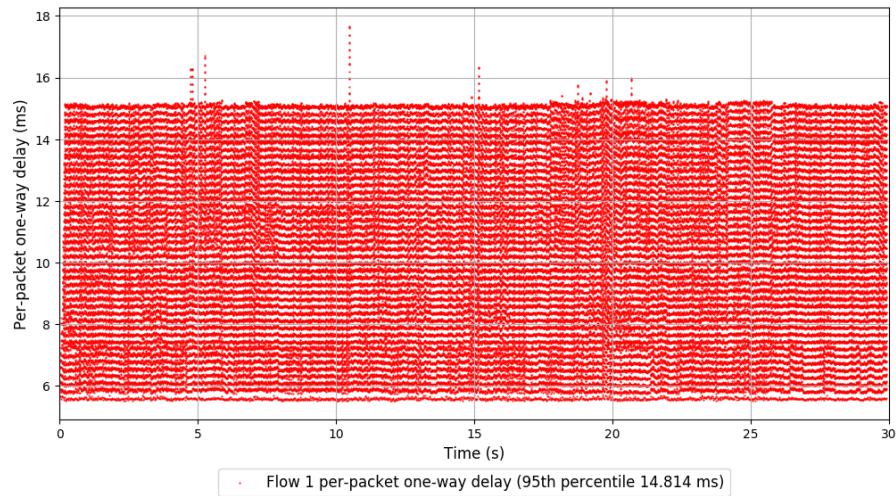
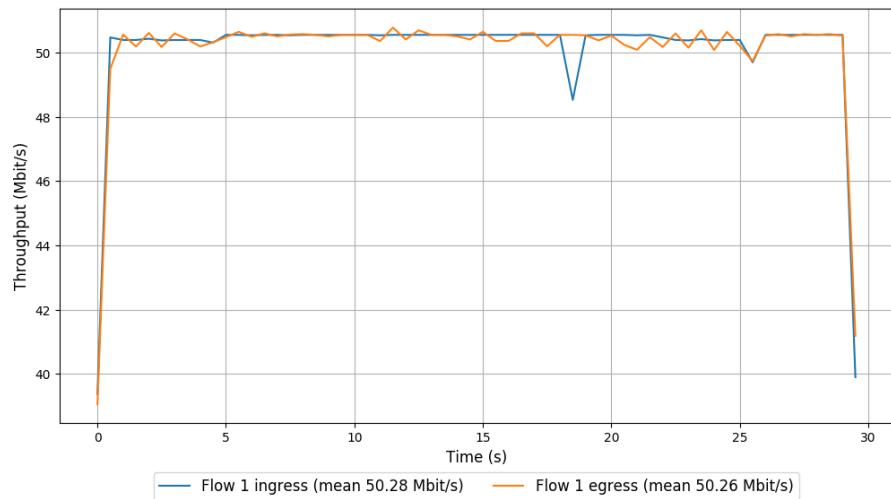


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:03:42 +0000
End at: Wed, 05 Jul 2017 09:04:12 +0000
Local clock offset: 0.131 ms
Remote clock offset: -3.311 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 14.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 14.814 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

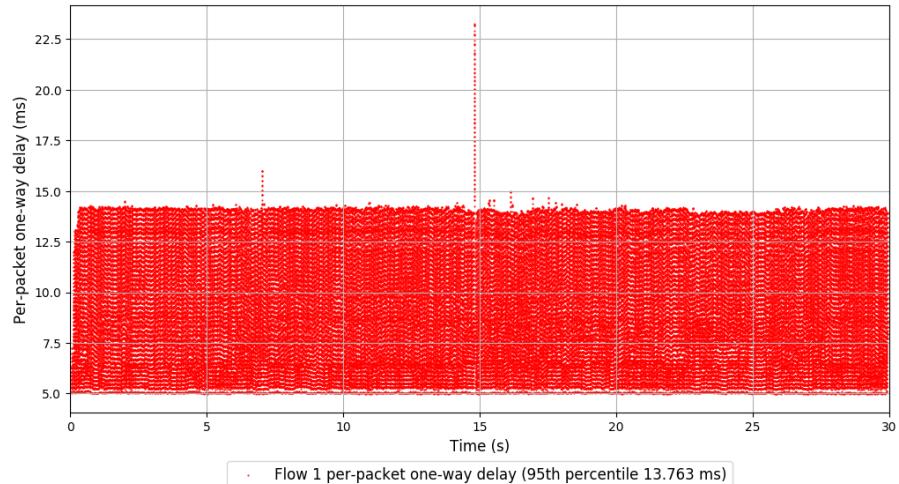
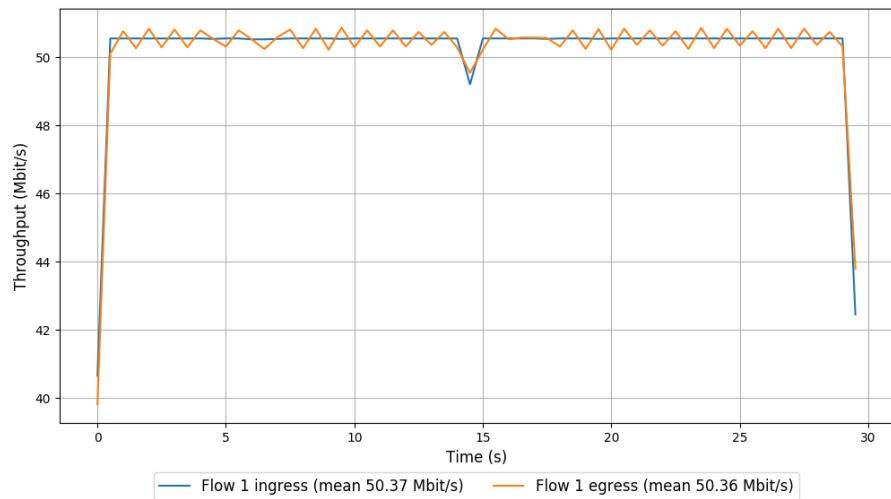


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:20:45 +0000
End at: Wed, 05 Jul 2017 09:21:15 +0000
Local clock offset: 0.136 ms
Remote clock offset: -2.84 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.36 Mbit/s
95th percentile per-packet one-way delay: 13.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.36 Mbit/s
95th percentile per-packet one-way delay: 13.763 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

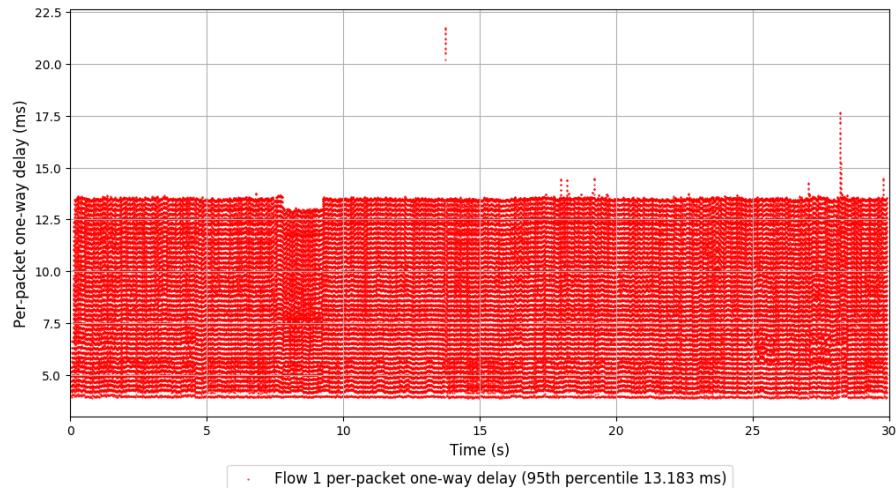
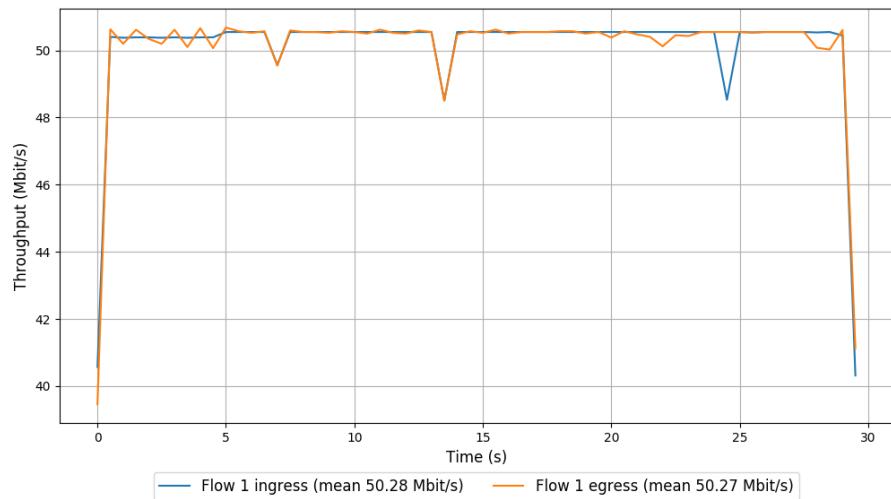


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:37:43 +0000
End at: Wed, 05 Jul 2017 09:38:13 +0000
Local clock offset: 0.14 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 13.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 13.183 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

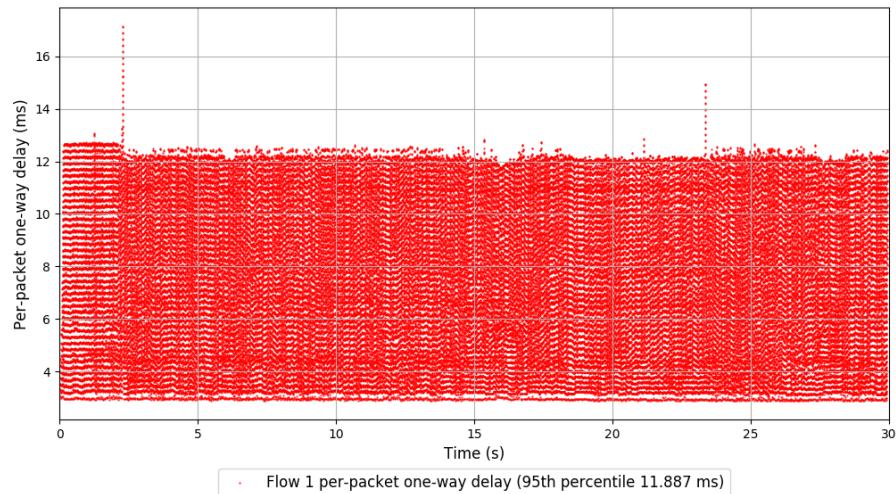
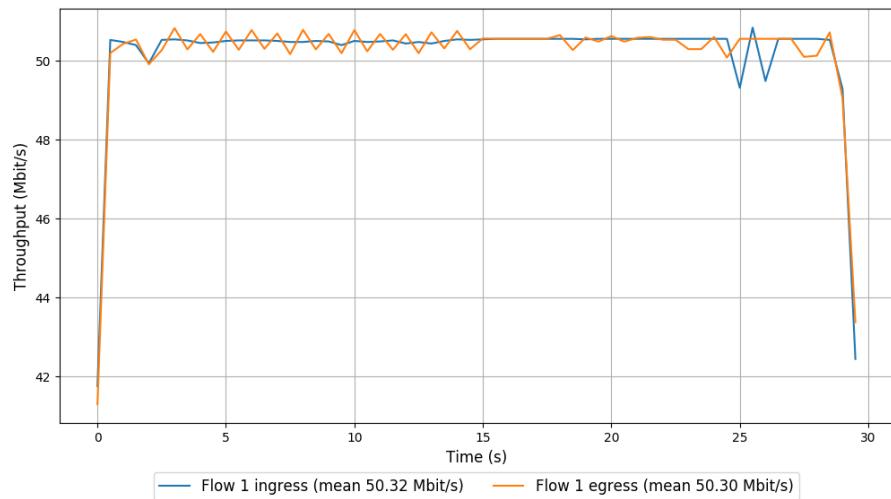


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 09:54:46 +0000
End at: Wed, 05 Jul 2017 09:55:16 +0000
Local clock offset: 0.129 ms
Remote clock offset: -0.819 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:36:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:28:43 +0000

End at: Wed, 05 Jul 2017 07:29:13 +0000

Local clock offset: -0.114 ms

Remote clock offset: 1.318 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:37:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 1.214 ms

Loss rate: 0.00%

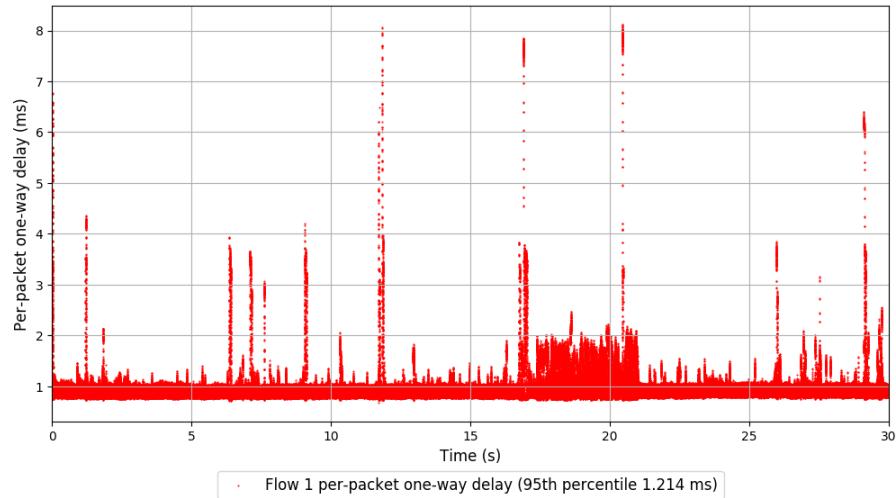
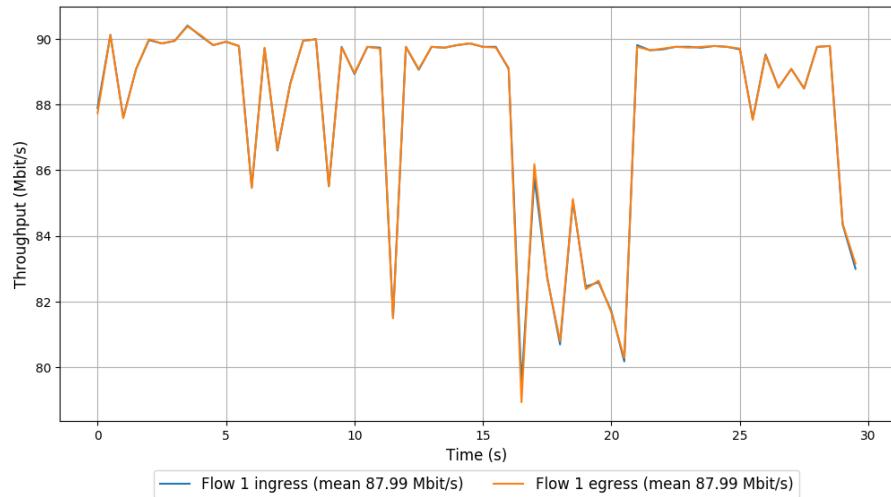
-- Flow 1:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 1.214 ms

Loss rate: 0.00%

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

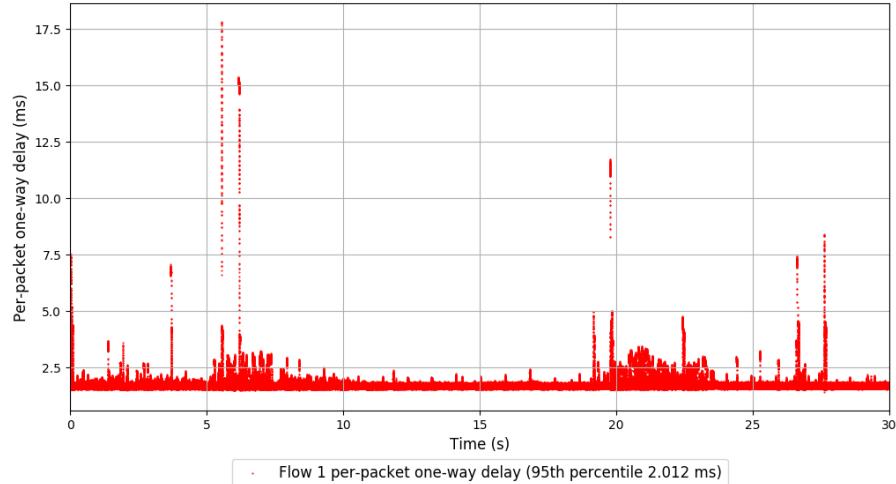
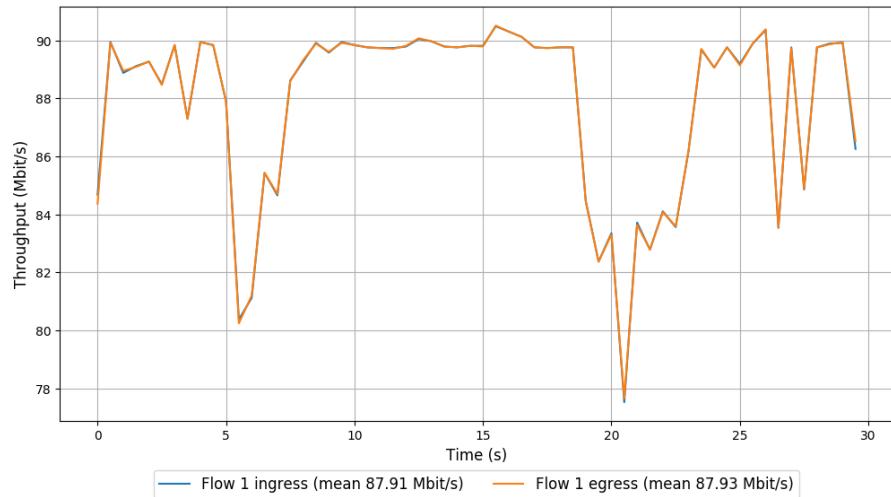


Run 2: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 07:45:40 +0000
End at: Wed, 05 Jul 2017 07:46:10 +0000
Local clock offset: 0.048 ms
Remote clock offset: 0.594 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 2.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 2.012 ms
Loss rate: 0.00%
```

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

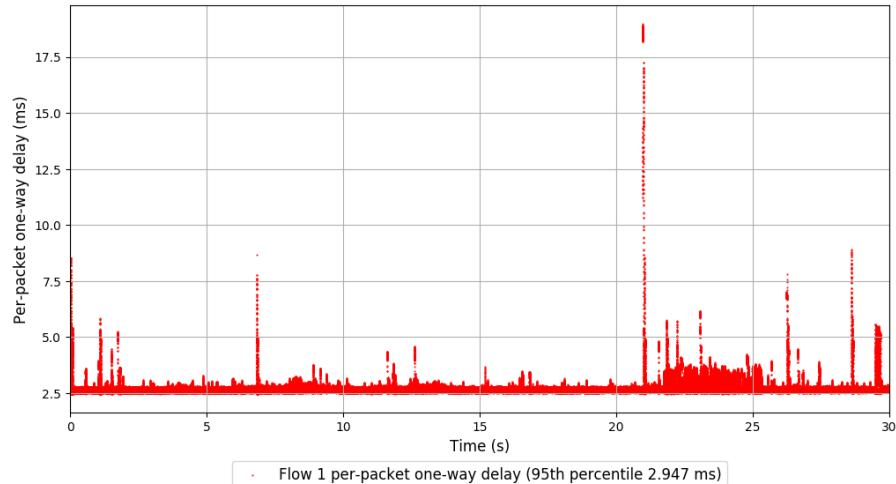
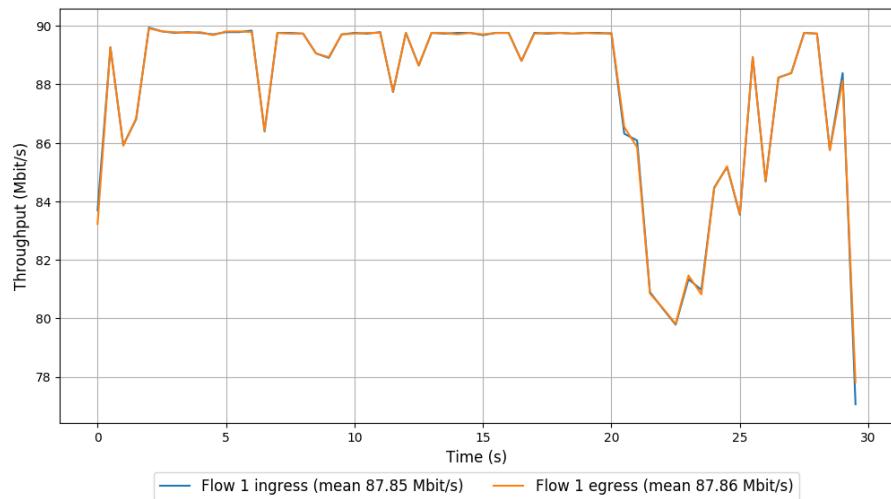


Run 3: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:02:38 +0000
End at: Wed, 05 Jul 2017 08:03:08 +0000
Local clock offset: 0.189 ms
Remote clock offset: -0.234 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 2.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 2.947 ms
Loss rate: 0.00%
```

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

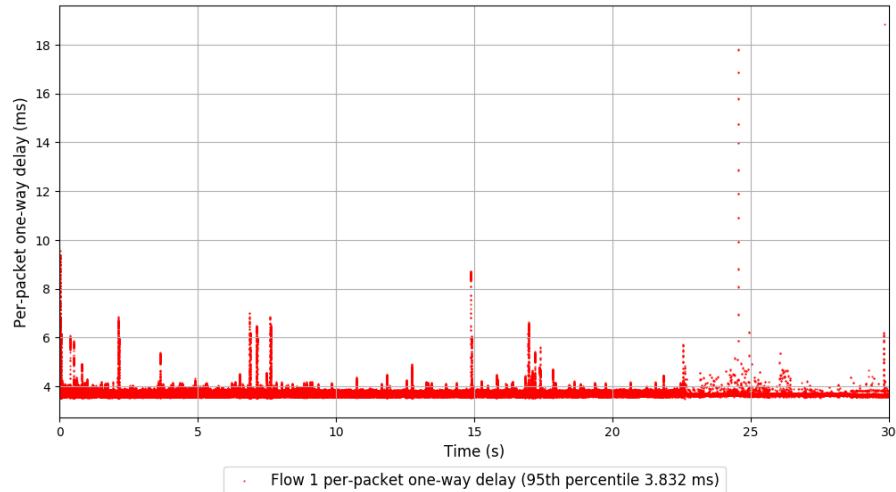
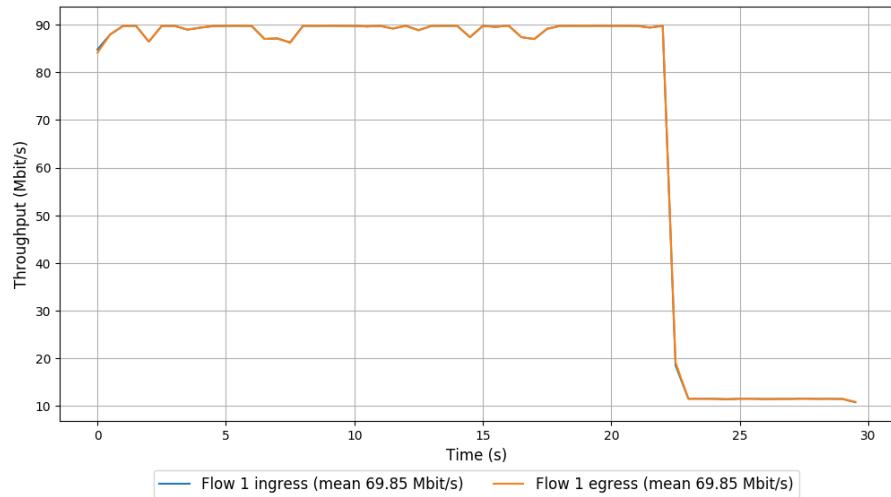


Run 4: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:19:37 +0000
End at: Wed, 05 Jul 2017 08:20:07 +0000
Local clock offset: 0.266 ms
Remote clock offset: -1.174 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.00%
```

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

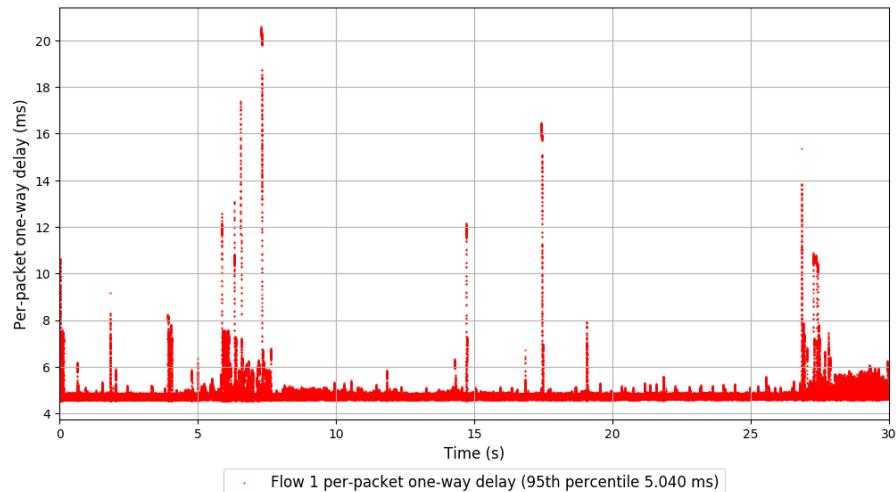
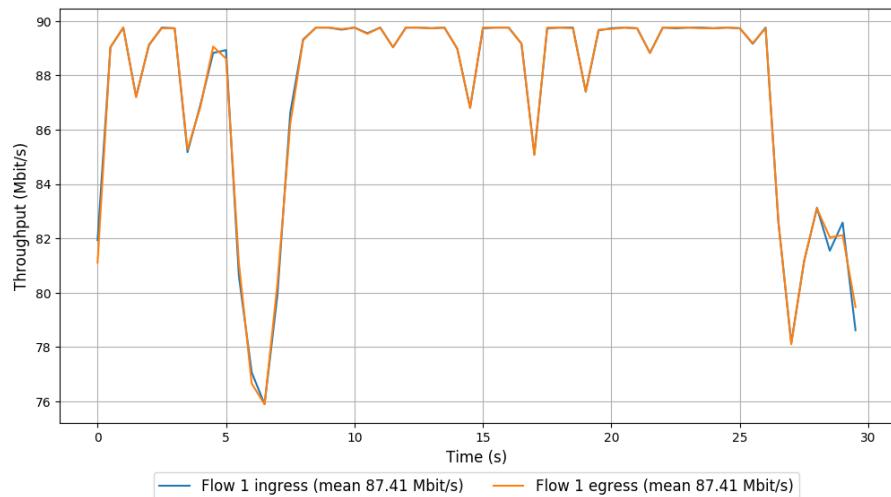


Run 5: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:36:33 +0000
End at: Wed, 05 Jul 2017 08:37:03 +0000
Local clock offset: 0.297 ms
Remote clock offset: -2.197 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 5.040 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 5.040 ms
Loss rate: 0.00%
```

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

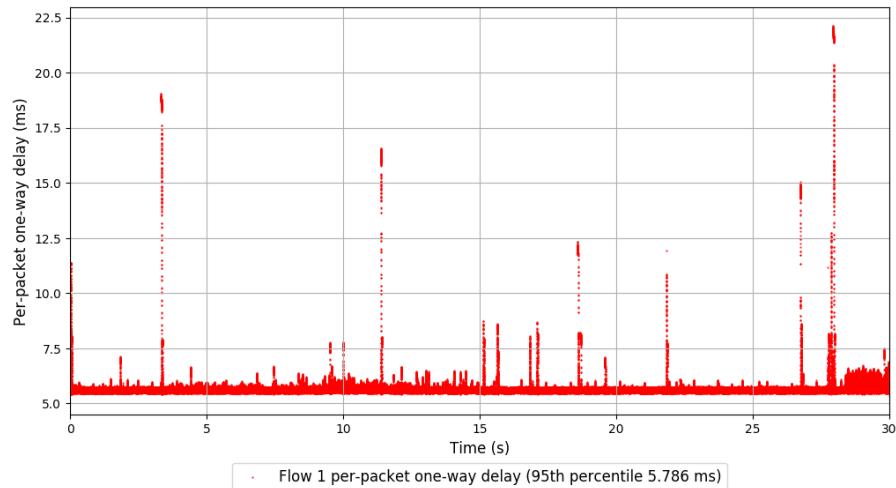
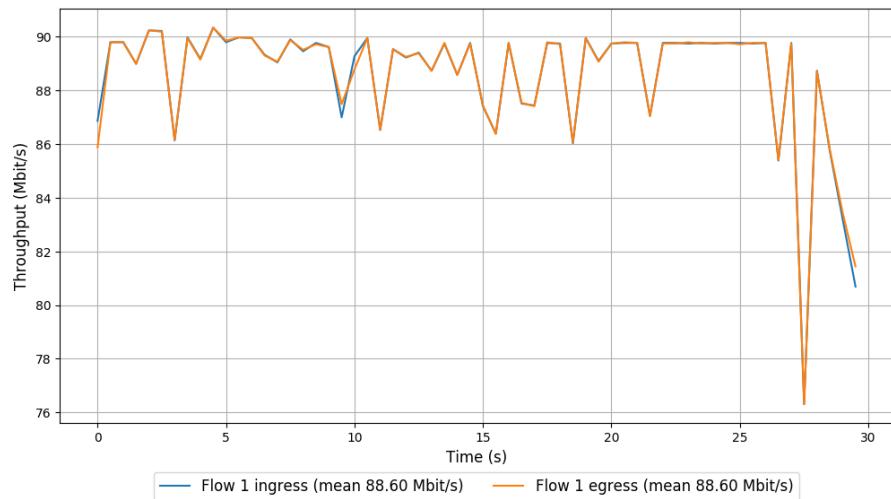


Run 6: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 08:53:32 +0000
End at: Wed, 05 Jul 2017 08:54:02 +0000
Local clock offset: 0.122 ms
Remote clock offset: -3.191 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:37:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: 5.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: 5.786 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:10:30 +0000

End at: Wed, 05 Jul 2017 09:11:00 +0000

Local clock offset: 0.137 ms

Remote clock offset: -3.231 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:38:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 5.712 ms

Loss rate: 0.00%

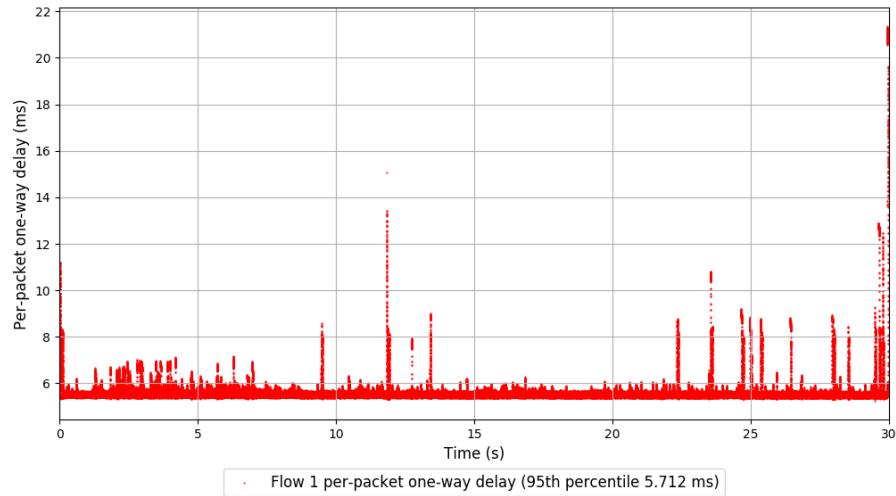
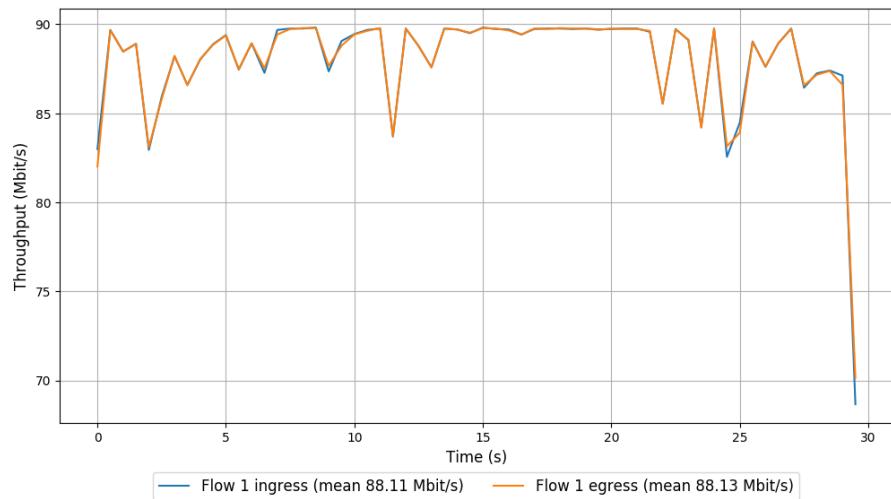
-- Flow 1:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 5.712 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:27:33 +0000

End at: Wed, 05 Jul 2017 09:28:04 +0000

Local clock offset: 0.136 ms

Remote clock offset: -2.477 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:38:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.01 Mbit/s

95th percentile per-packet one-way delay: 4.959 ms

Loss rate: 0.00%

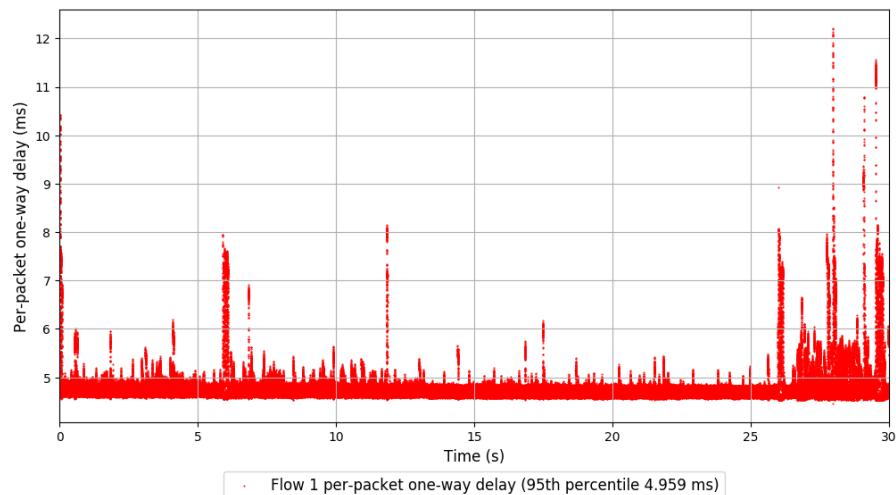
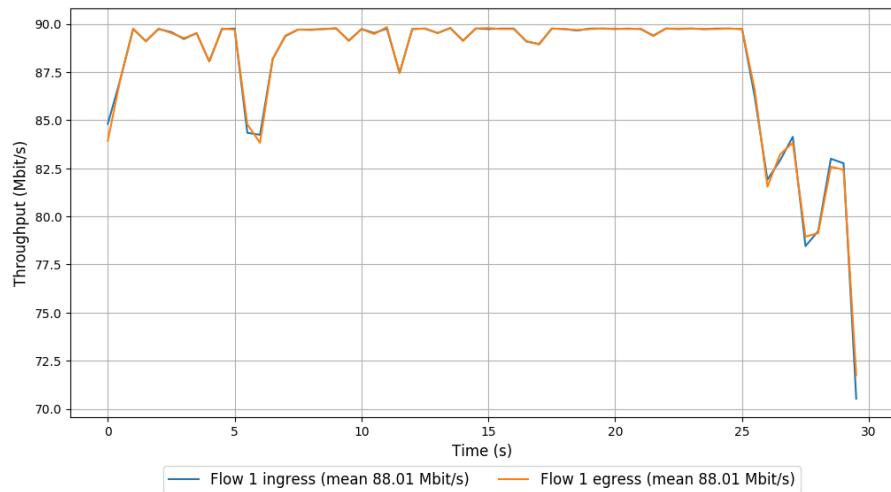
-- Flow 1:

Average throughput: 88.01 Mbit/s

95th percentile per-packet one-way delay: 4.959 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:44:32 +0000

End at: Wed, 05 Jul 2017 09:45:02 +0000

Local clock offset: 0.078 ms

Remote clock offset: -1.353 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:38:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.98 Mbit/s

95th percentile per-packet one-way delay: 3.844 ms

Loss rate: 0.00%

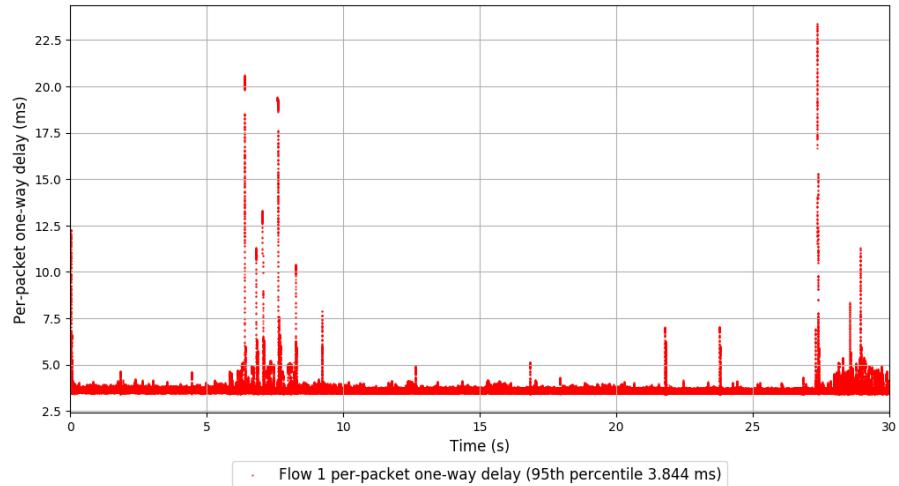
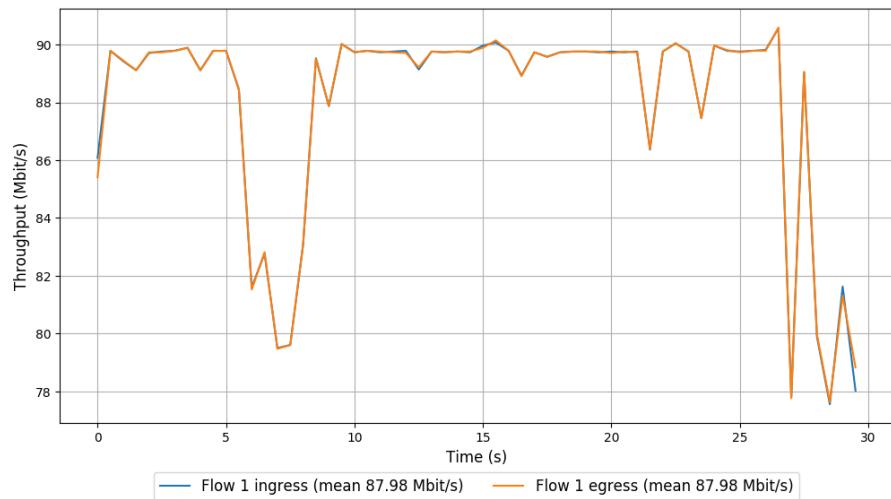
-- Flow 1:

Average throughput: 87.98 Mbit/s

95th percentile per-packet one-way delay: 3.844 ms

Loss rate: 0.00%

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

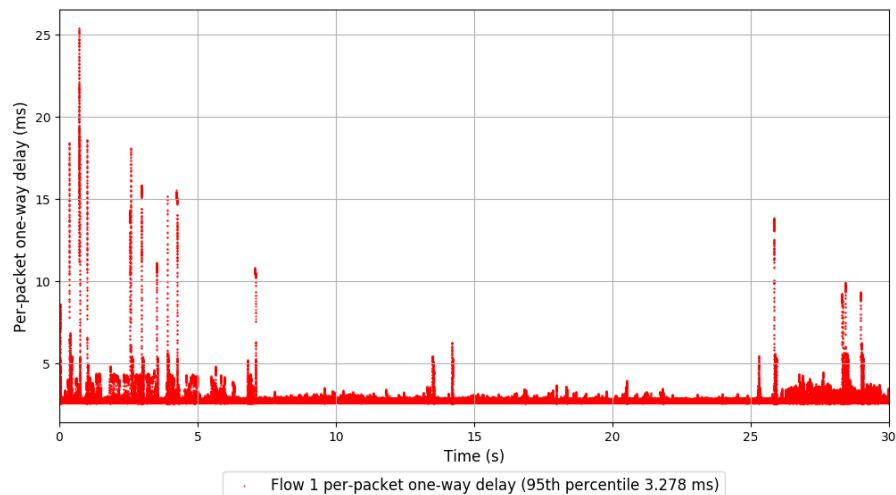
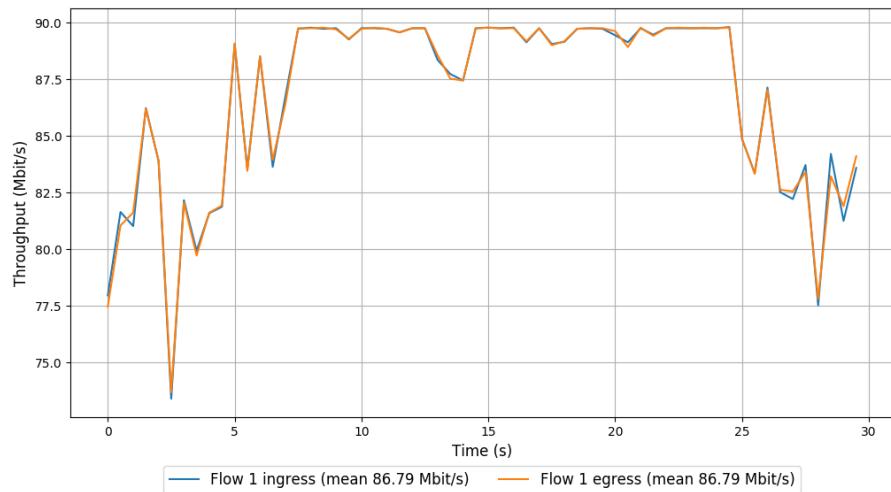


Run 10: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:01:34 +0000
End at: Wed, 05 Jul 2017 10:02:04 +0000
Local clock offset: 0.123 ms
Remote clock offset: -0.507 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 3.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 3.278 ms
Loss rate: 0.00%
```

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



Run 1: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:25:20 +0000

End at: Wed, 05 Jul 2017 07:25:50 +0000

Local clock offset: -0.052 ms

Remote clock offset: 1.449 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:38:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 2.167 ms

Loss rate: 0.00%

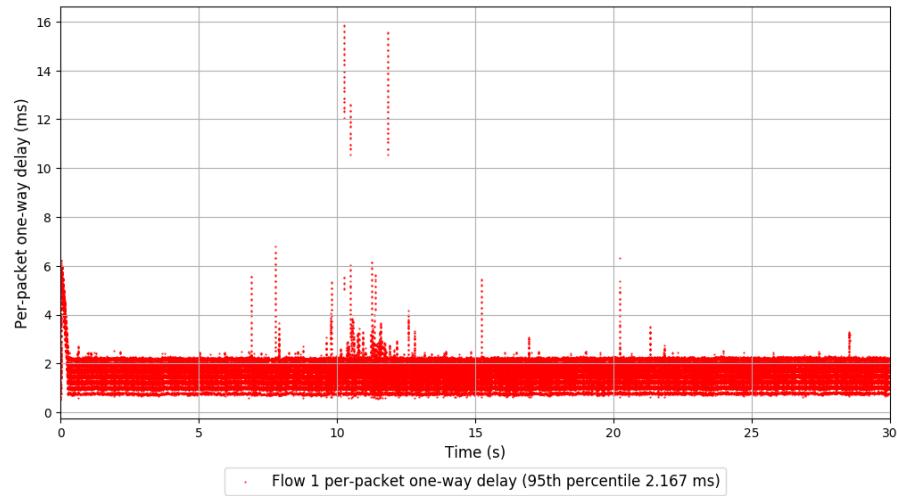
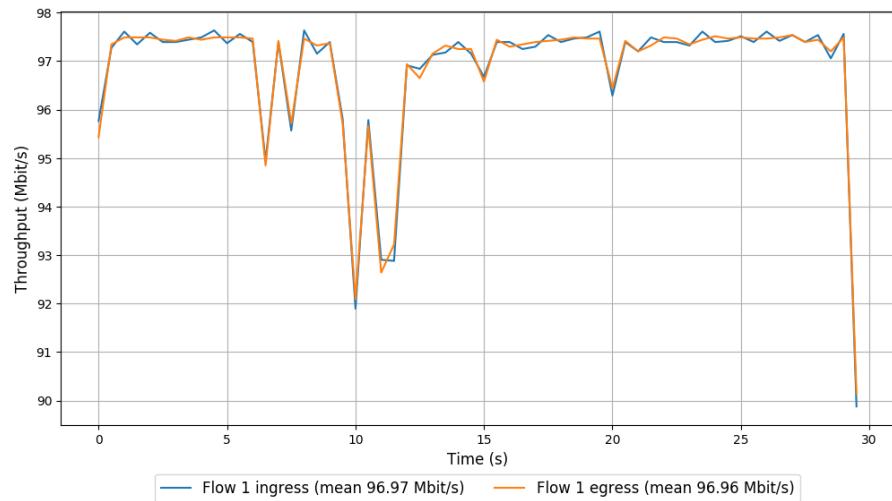
-- Flow 1:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 2.167 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

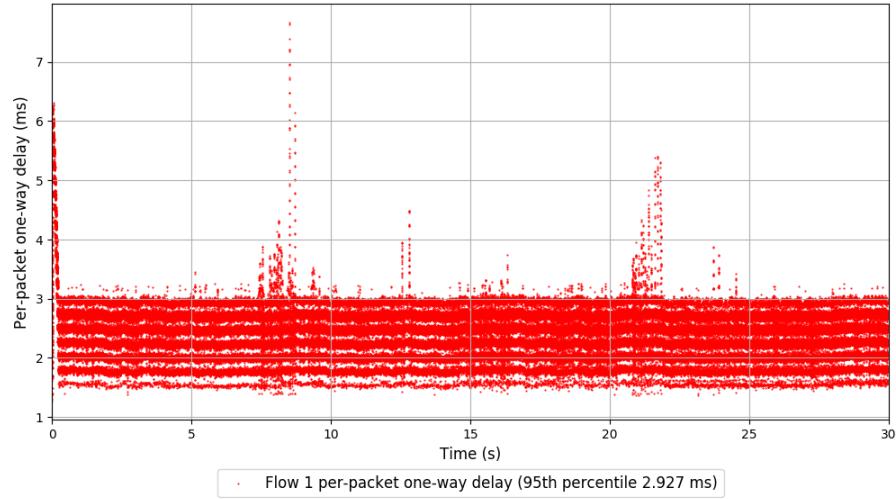
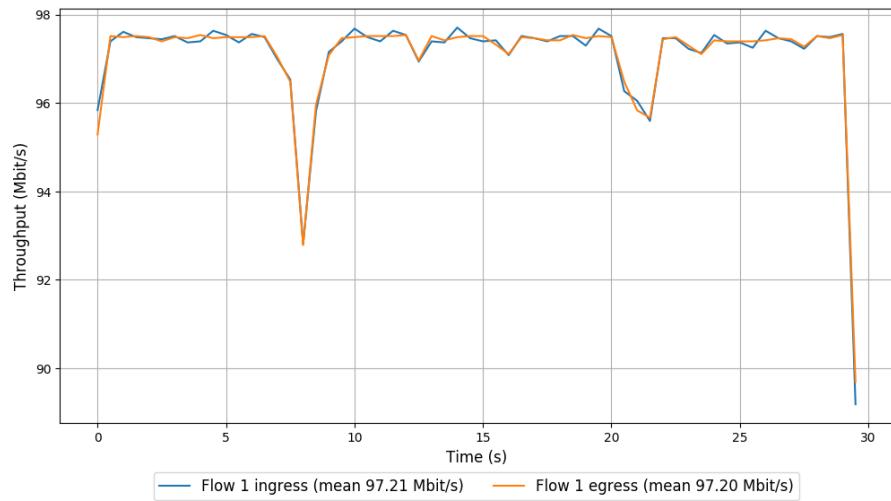


Run 2: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 07:42:17 +0000
End at: Wed, 05 Jul 2017 07:42:47 +0000
Local clock offset: -0.028 ms
Remote clock offset: 0.661 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 2.927 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 2.927 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

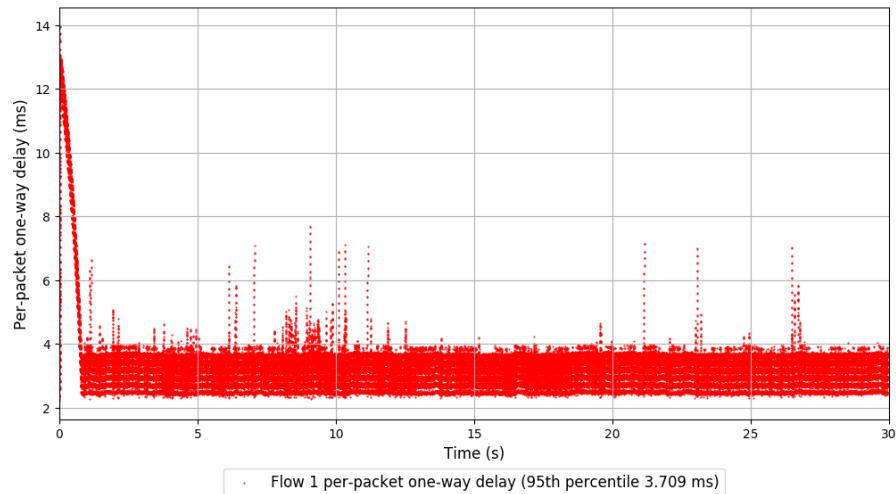
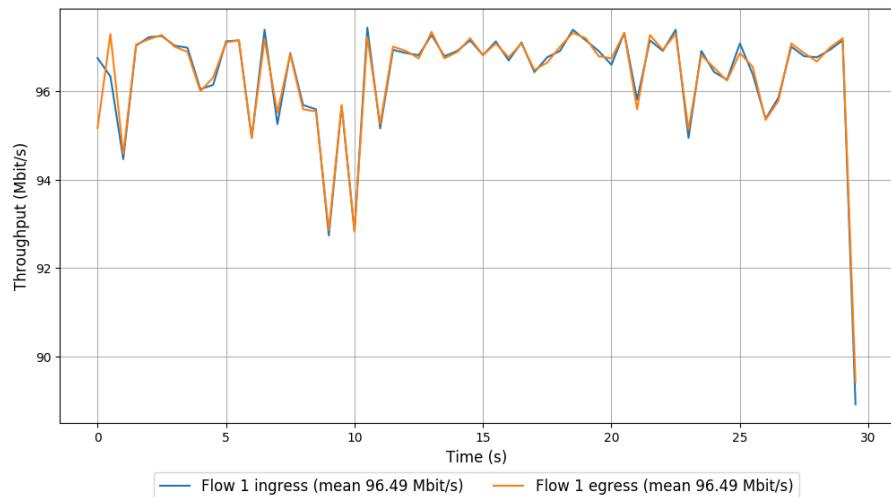


Run 3: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 07:59:15 +0000
End at: Wed, 05 Jul 2017 07:59:45 +0000
Local clock offset: 0.096 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:38:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 3.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 3.709 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

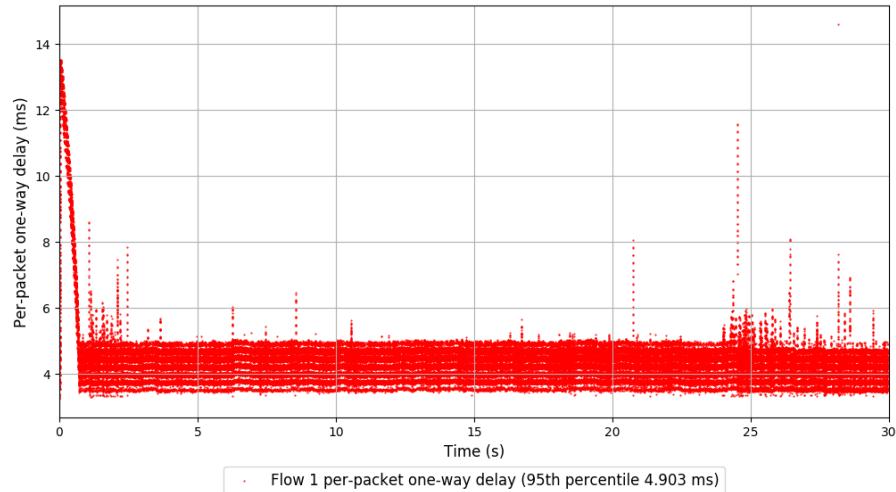
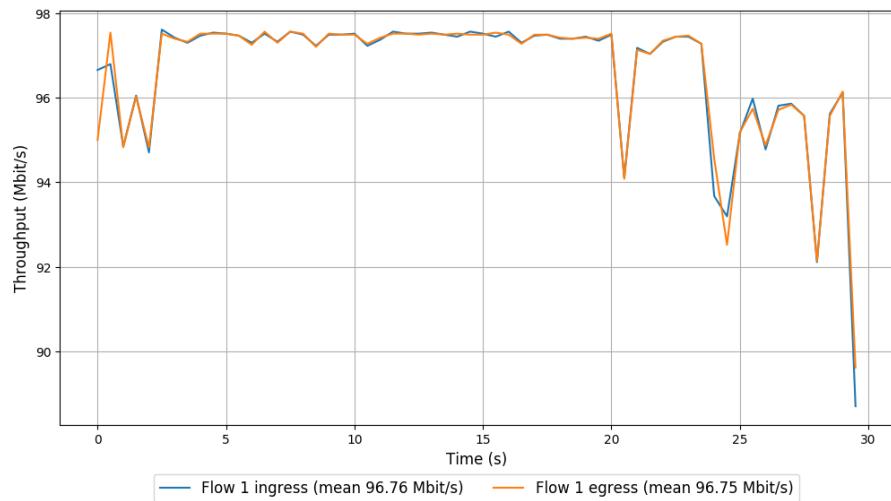


Run 4: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:16:14 +0000
End at: Wed, 05 Jul 2017 08:16:44 +0000
Local clock offset: 0.268 ms
Remote clock offset: -0.973 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 4.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 4.903 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

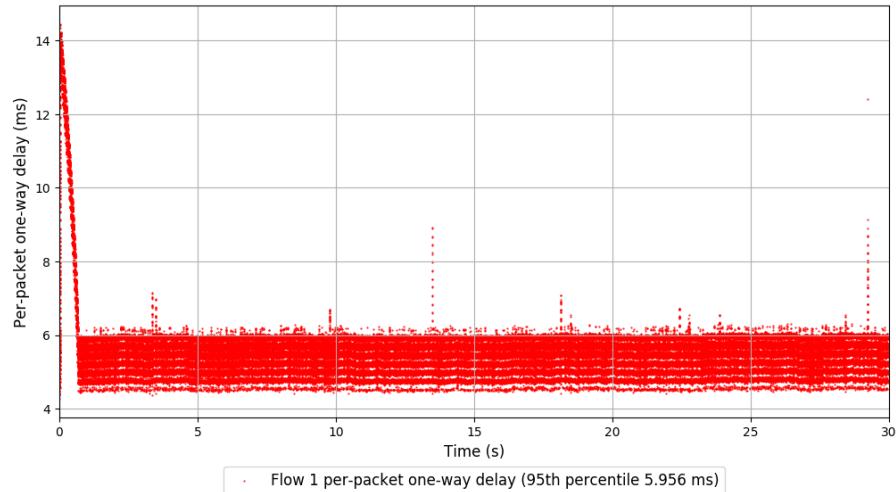
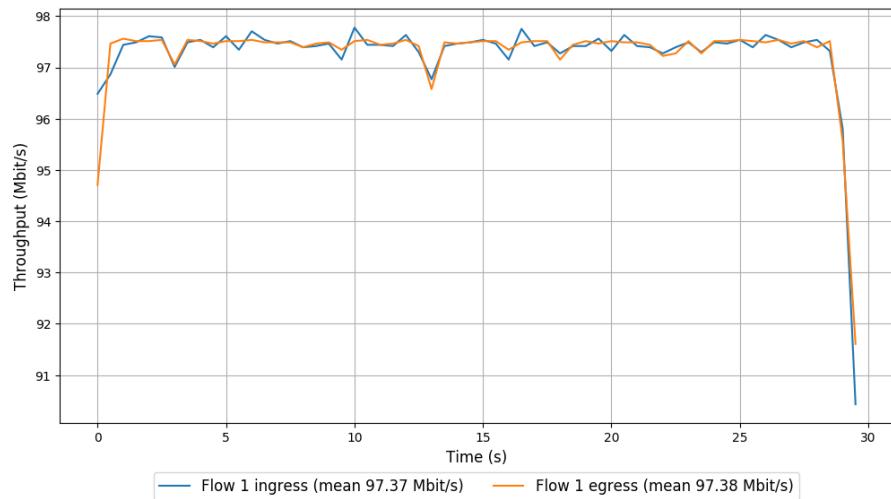


Run 5: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:33:10 +0000
End at: Wed, 05 Jul 2017 08:33:40 +0000
Local clock offset: 0.244 ms
Remote clock offset: -1.978 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.956 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.956 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

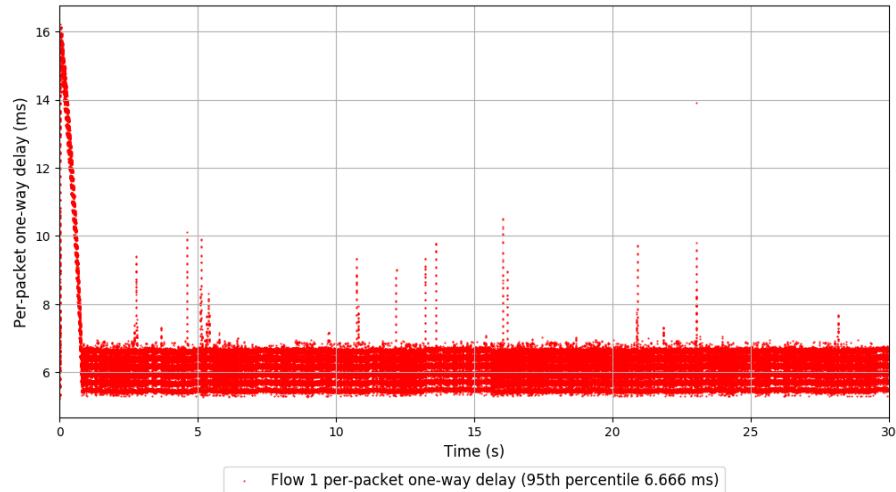
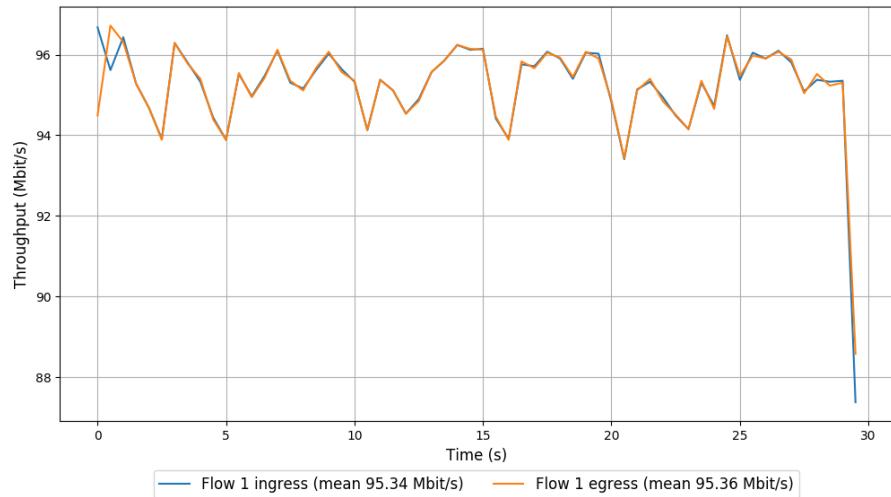


Run 6: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 08:50:09 +0000
End at: Wed, 05 Jul 2017 08:50:39 +0000
Local clock offset: 0.19 ms
Remote clock offset: -3.047 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 6.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 6.666 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:07:07 +0000

End at: Wed, 05 Jul 2017 09:07:37 +0000

Local clock offset: 0.068 ms

Remote clock offset: -3.249 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:39:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 6.997 ms

Loss rate: 0.00%

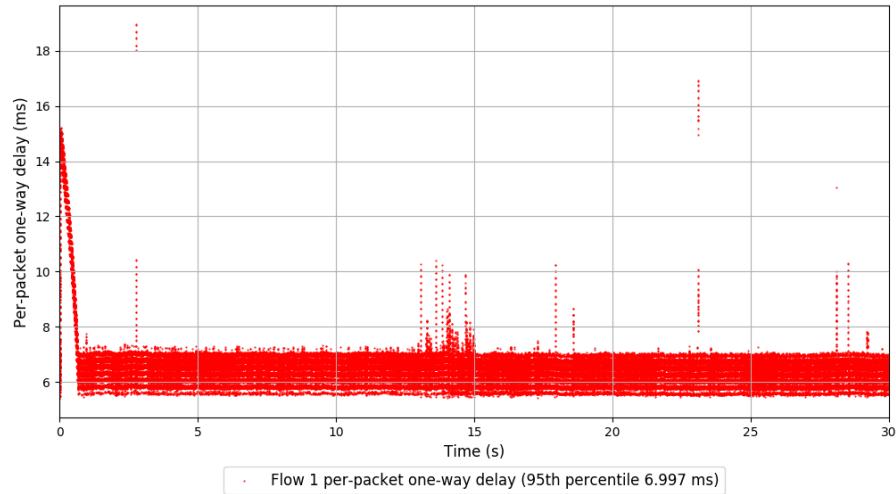
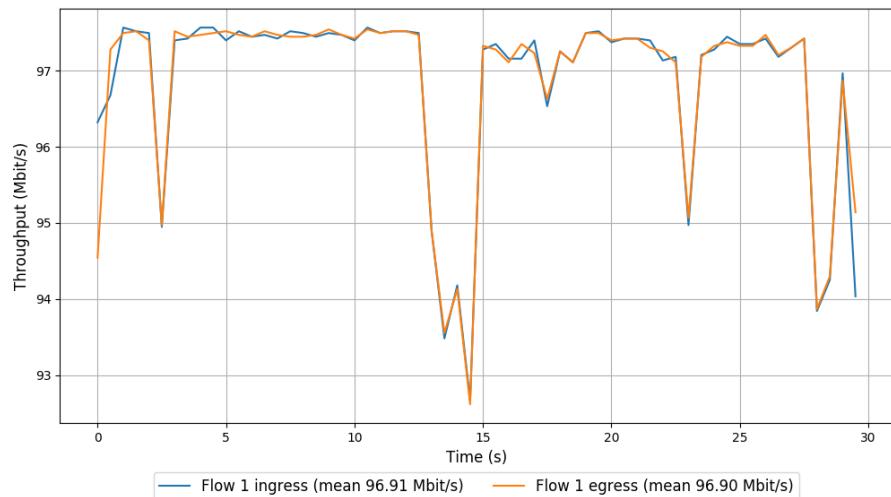
-- Flow 1:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 6.997 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

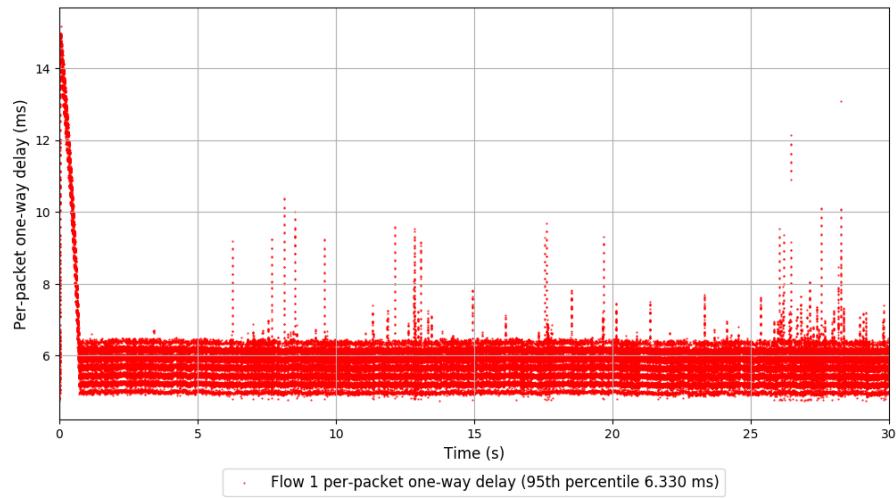
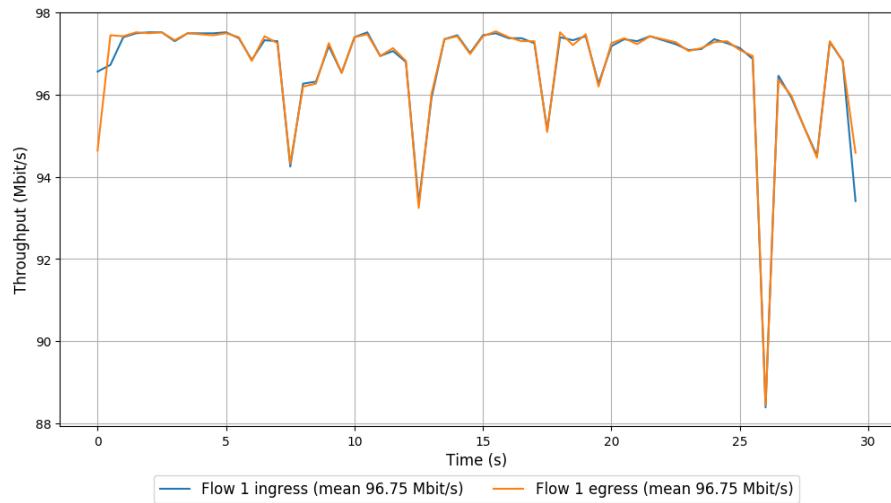


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:24:10 +0000
End at: Wed, 05 Jul 2017 09:24:40 +0000
Local clock offset: 0.036 ms
Remote clock offset: -2.611 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 6.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 6.330 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

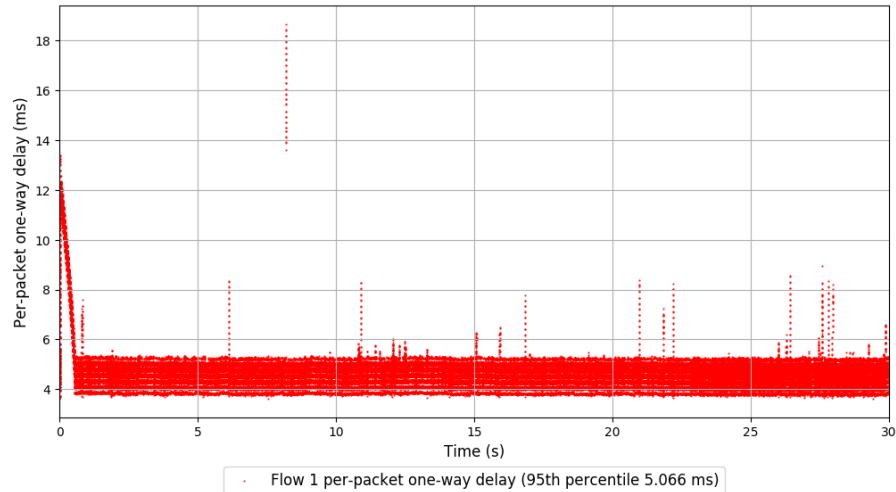
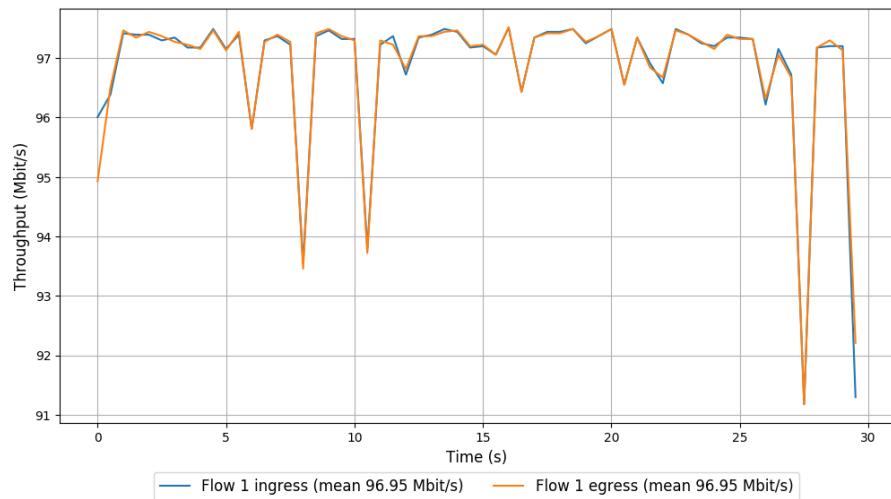


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:41:09 +0000
End at: Wed, 05 Jul 2017 09:41:39 +0000
Local clock offset: 0.072 ms
Remote clock offset: -1.458 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 5.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 5.066 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

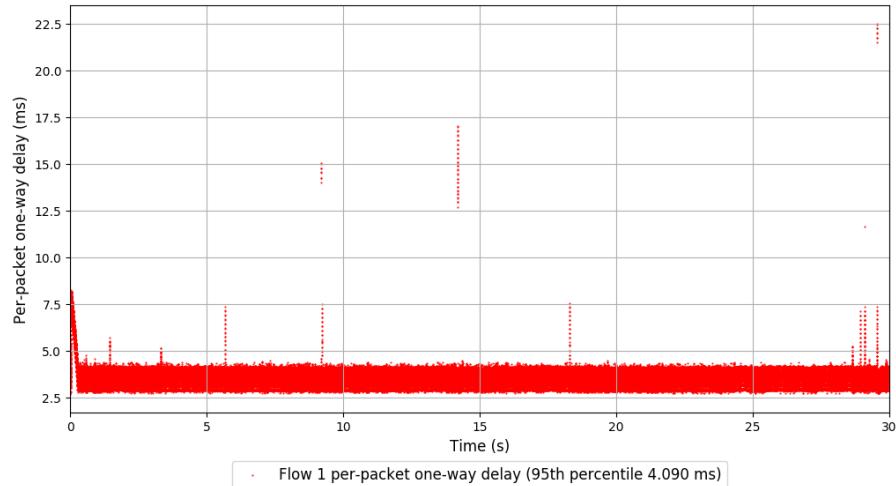
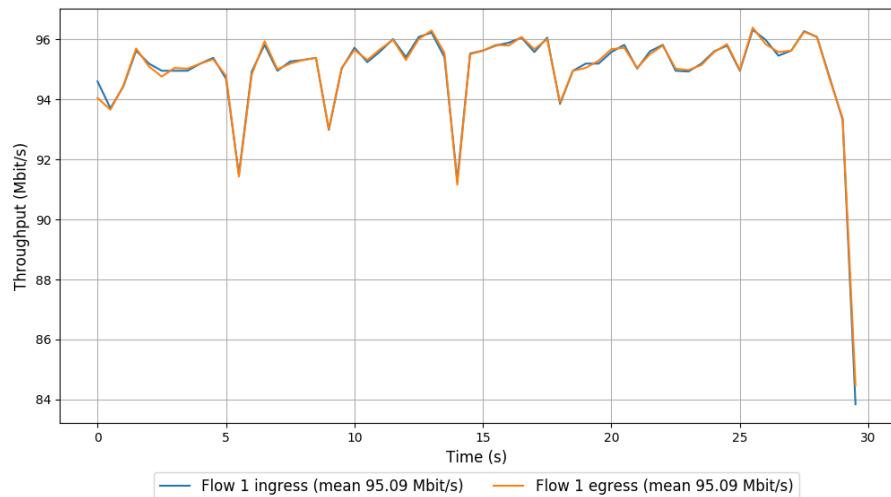


Run 10: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 09:58:11 +0000
End at: Wed, 05 Jul 2017 09:58:41 +0000
Local clock offset: 0.136 ms
Remote clock offset: -0.643 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 4.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 4.090 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

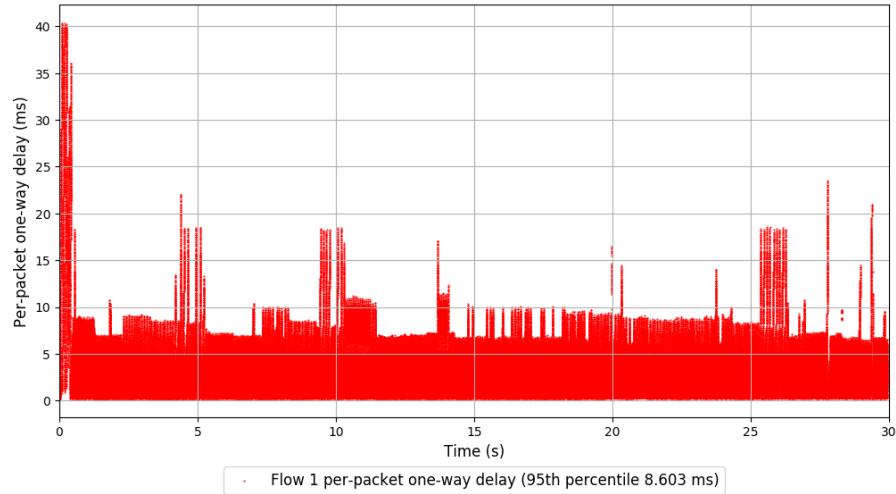
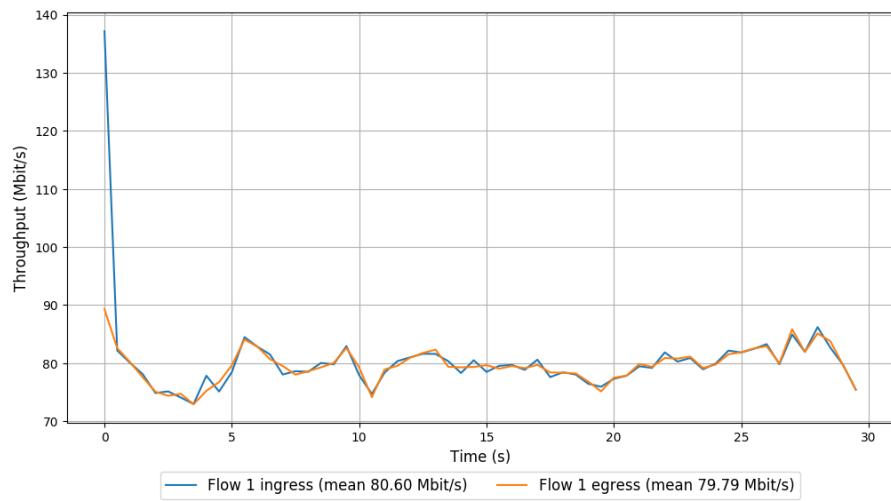


Run 1: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:16:13 +0000
End at: Wed, 05 Jul 2017 07:16:43 +0000
Local clock offset: -0.072 ms
Remote clock offset: 1.757 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.79 Mbit/s
95th percentile per-packet one-way delay: 8.603 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 79.79 Mbit/s
95th percentile per-packet one-way delay: 8.603 ms
Loss rate: 0.98%
```

Run 1: Report of Verus — Data Link

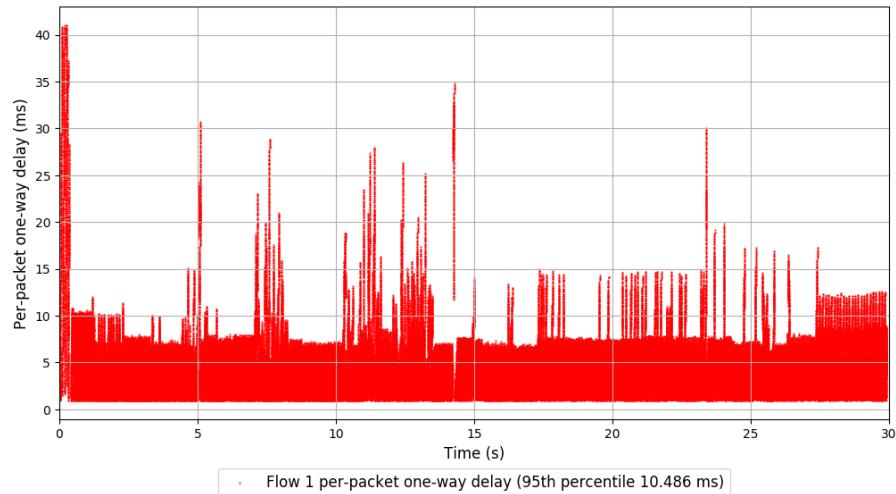
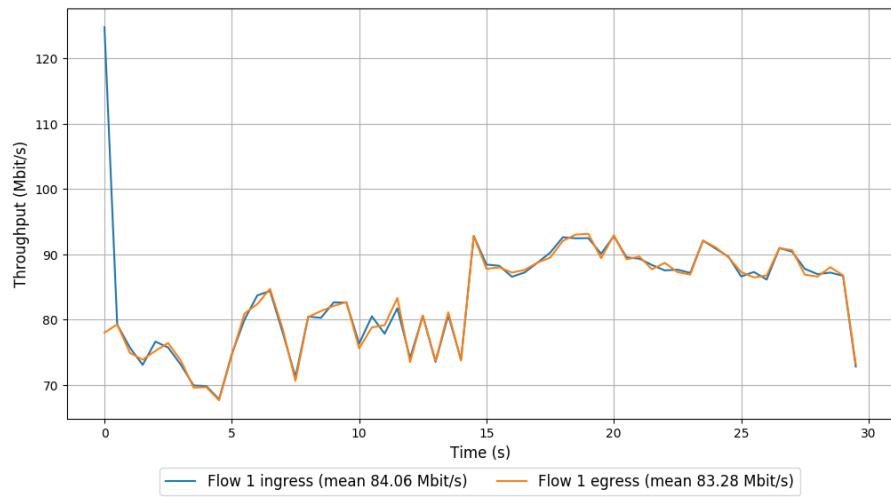


Run 2: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:33:10 +0000
End at: Wed, 05 Jul 2017 07:33:40 +0000
Local clock offset: -0.076 ms
Remote clock offset: 1.137 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:39:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.93%
```

Run 2: Report of Verus — Data Link

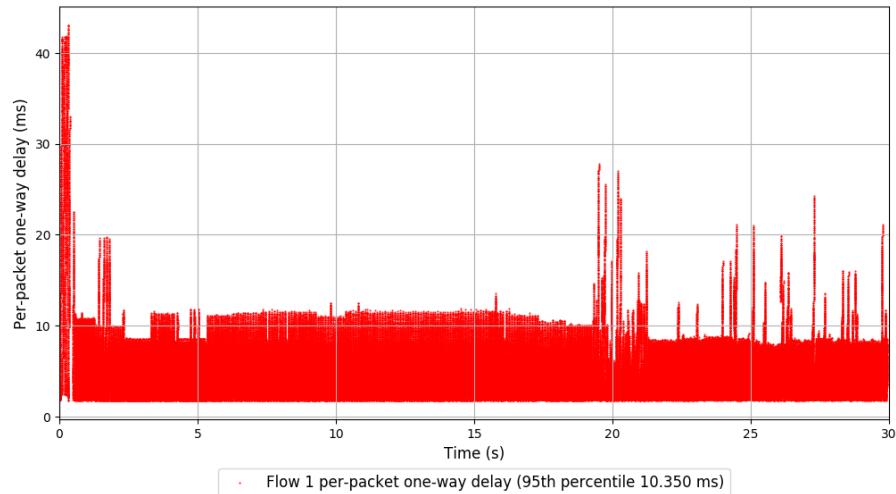
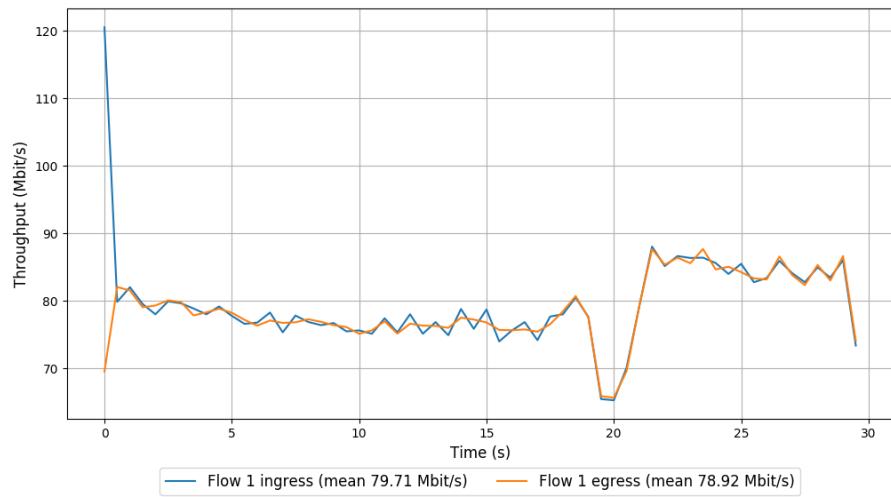


Run 3: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 07:50:08 +0000
End at: Wed, 05 Jul 2017 07:50:38 +0000
Local clock offset: 0.08 ms
Remote clock offset: 0.372 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.92 Mbit/s
95th percentile per-packet one-way delay: 10.350 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 78.92 Mbit/s
95th percentile per-packet one-way delay: 10.350 ms
Loss rate: 1.01%
```

Run 3: Report of Verus — Data Link

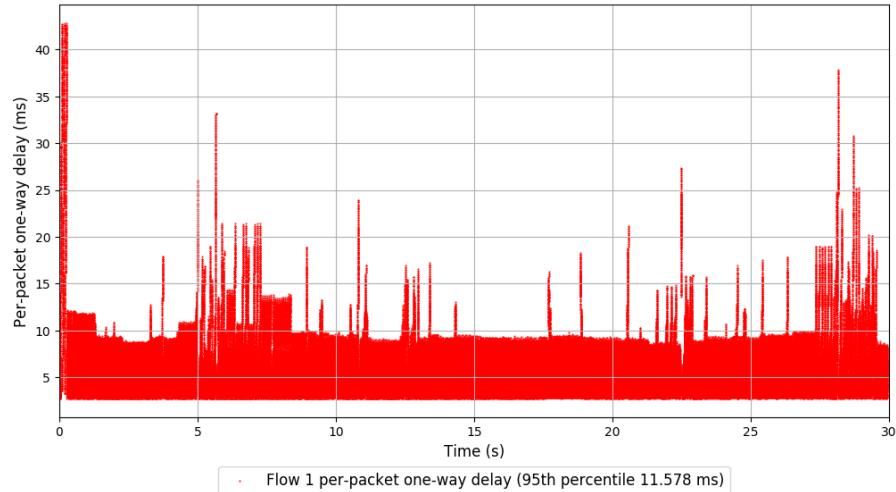
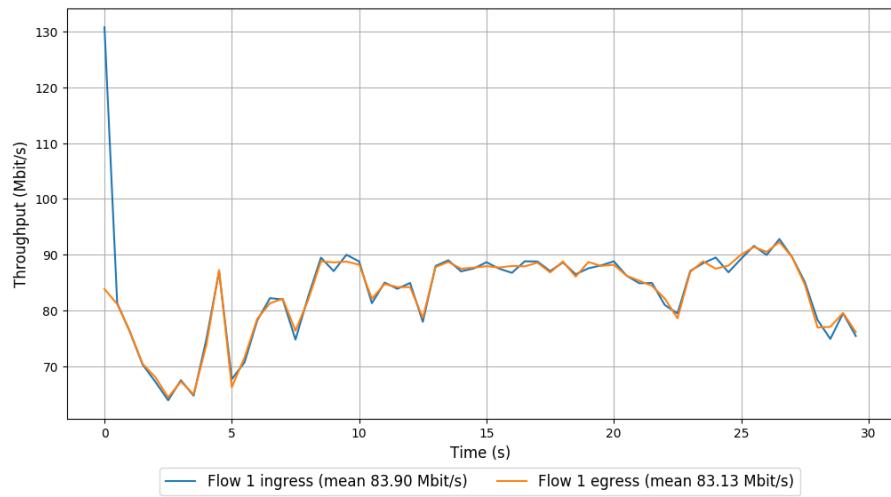


Run 4: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:07:05 +0000
End at: Wed, 05 Jul 2017 08:07:35 +0000
Local clock offset: 0.214 ms
Remote clock offset: -0.425 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 11.578 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 11.578 ms
Loss rate: 0.91%
```

Run 4: Report of Verus — Data Link

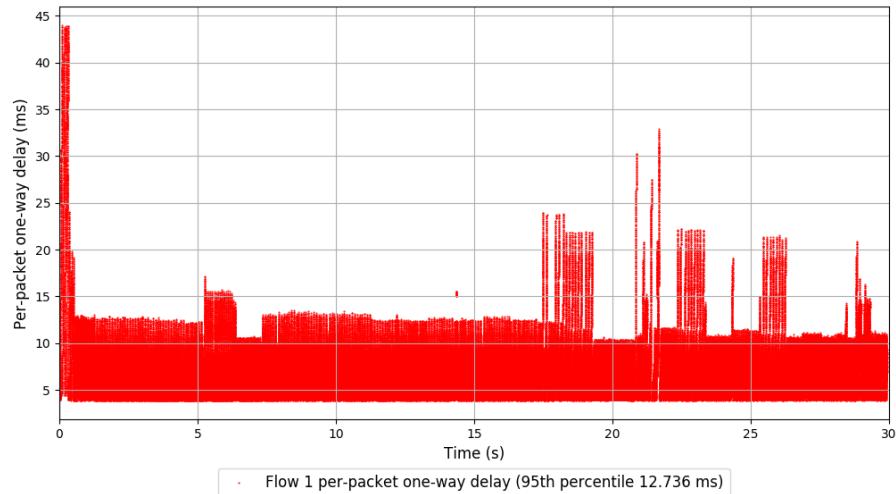
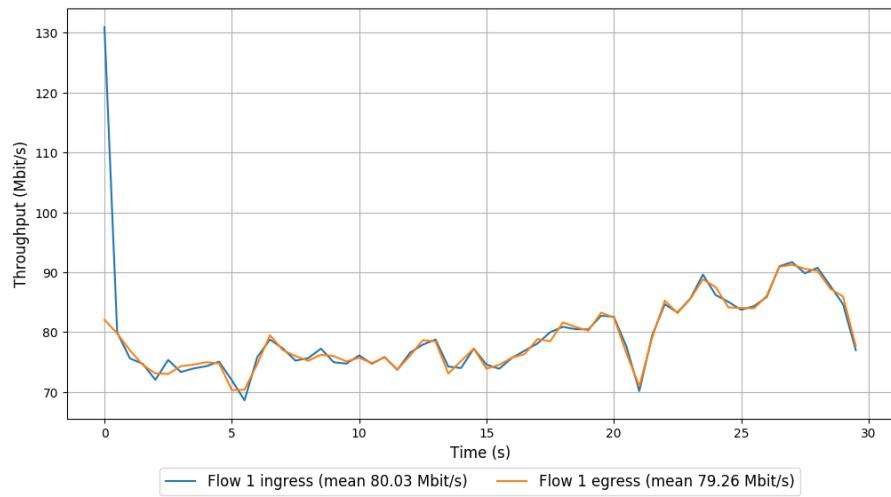


Run 5: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:24:02 +0000
End at: Wed, 05 Jul 2017 08:24:32 +0000
Local clock offset: 0.281 ms
Remote clock offset: -1.543 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.26 Mbit/s
95th percentile per-packet one-way delay: 12.736 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 79.26 Mbit/s
95th percentile per-packet one-way delay: 12.736 ms
Loss rate: 0.97%
```

Run 5: Report of Verus — Data Link

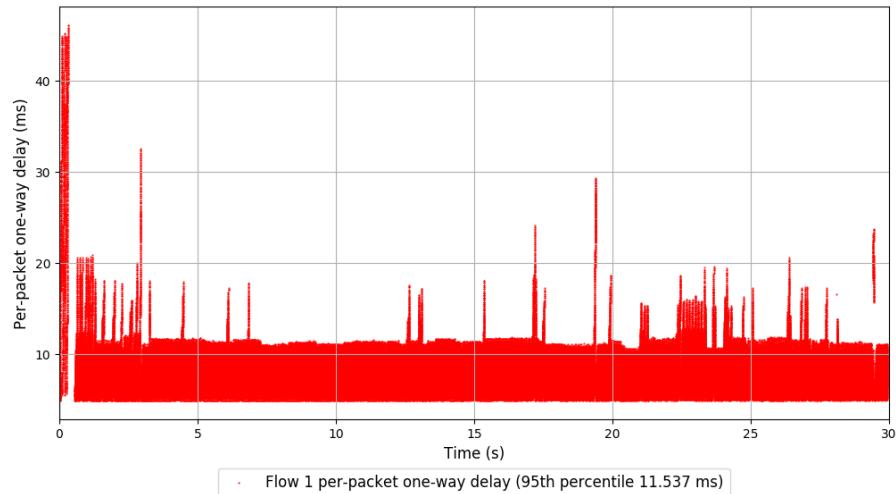
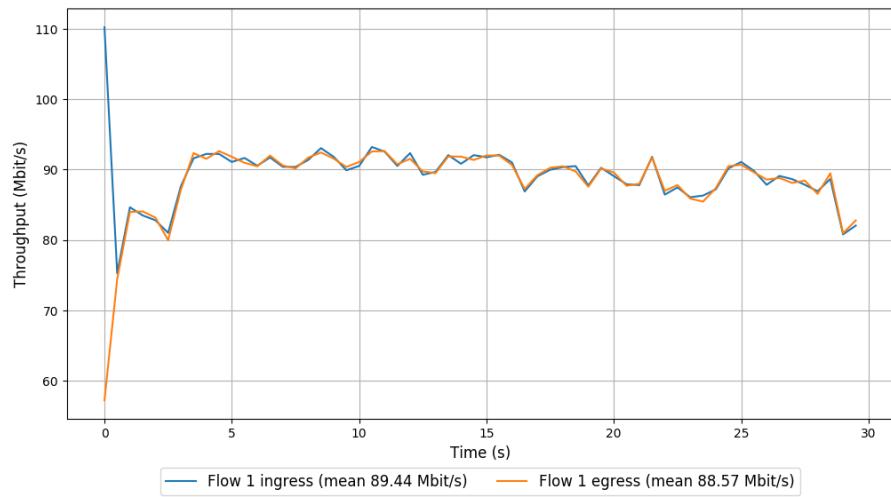


Run 6: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:41:00 +0000
End at: Wed, 05 Jul 2017 08:41:30 +0000
Local clock offset: 0.232 ms
Remote clock offset: -2.56 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.57 Mbit/s
95th percentile per-packet one-way delay: 11.537 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 88.57 Mbit/s
95th percentile per-packet one-way delay: 11.537 ms
Loss rate: 0.99%
```

Run 6: Report of Verus — Data Link

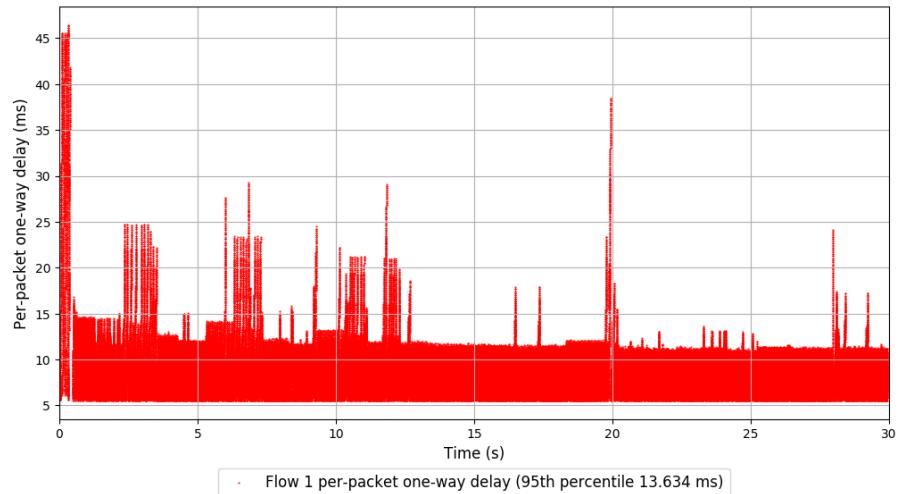
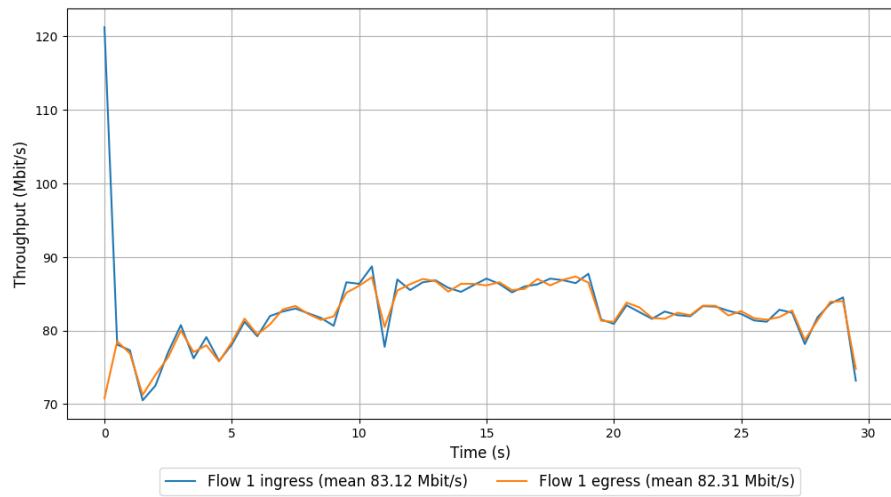


Run 7: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 08:57:59 +0000
End at: Wed, 05 Jul 2017 08:58:29 +0000
Local clock offset: 0.139 ms
Remote clock offset: -3.336 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 13.634 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 13.634 ms
Loss rate: 0.96%
```

Run 7: Report of Verus — Data Link

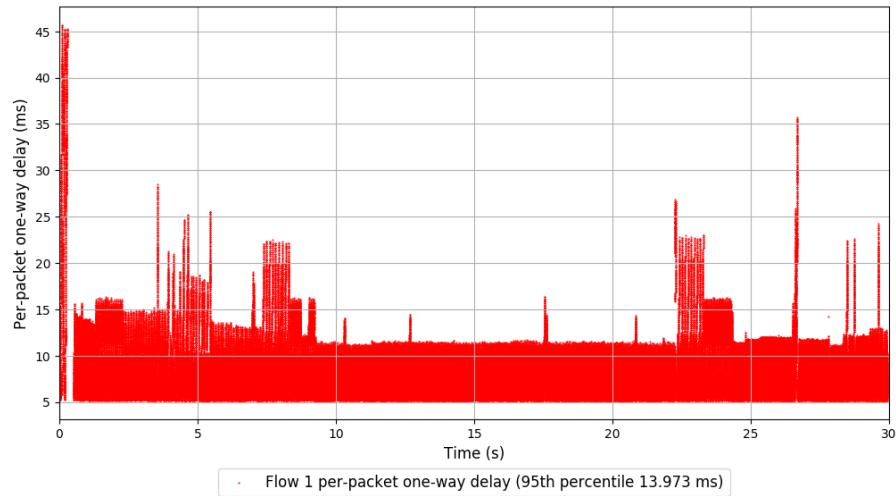
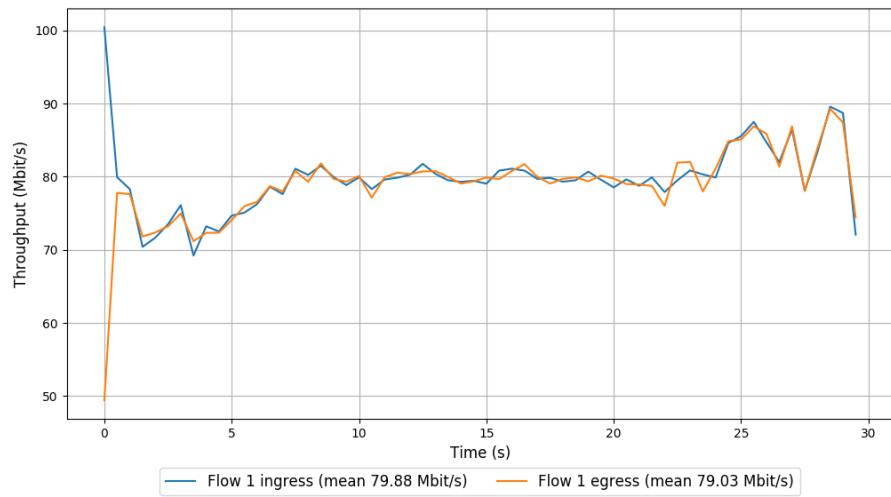


Run 8: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:15:03 +0000
End at: Wed, 05 Jul 2017 09:15:33 +0000
Local clock offset: 0.077 ms
Remote clock offset: -2.972 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 13.973 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 13.973 ms
Loss rate: 1.07%
```

Run 8: Report of Verus — Data Link

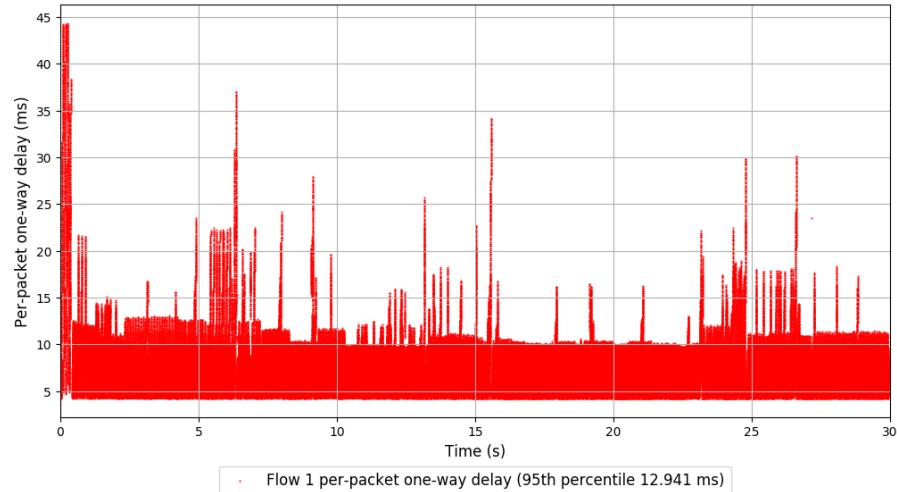
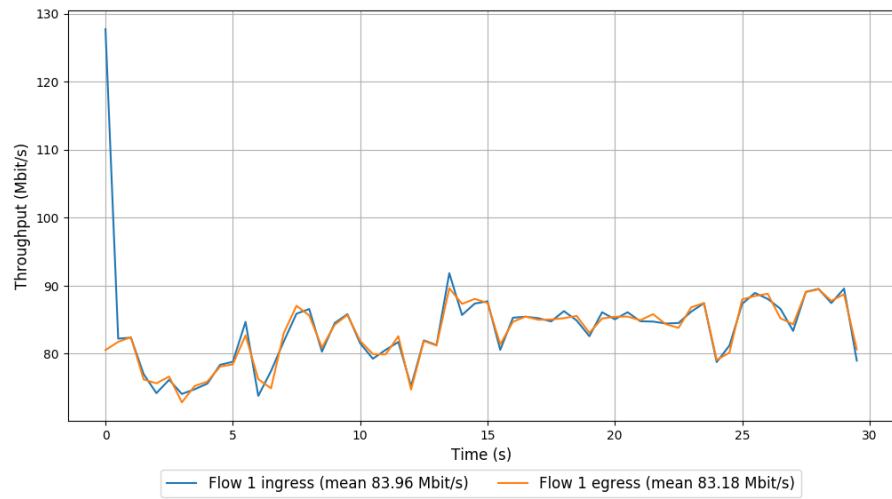


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:32:01 +0000
End at: Wed, 05 Jul 2017 09:32:31 +0000
Local clock offset: 0.071 ms
Remote clock offset: -2.084 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.18 Mbit/s
95th percentile per-packet one-way delay: 12.941 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 83.18 Mbit/s
95th percentile per-packet one-way delay: 12.941 ms
Loss rate: 0.92%
```

Run 9: Report of Verus — Data Link

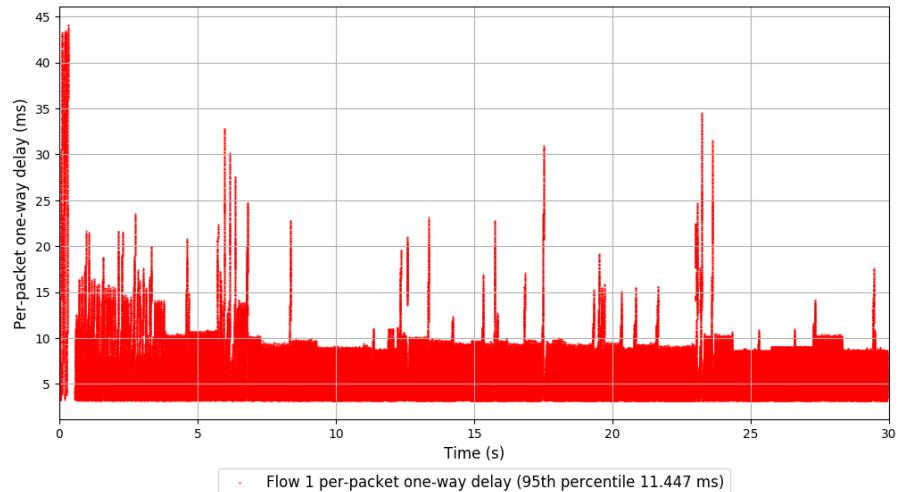
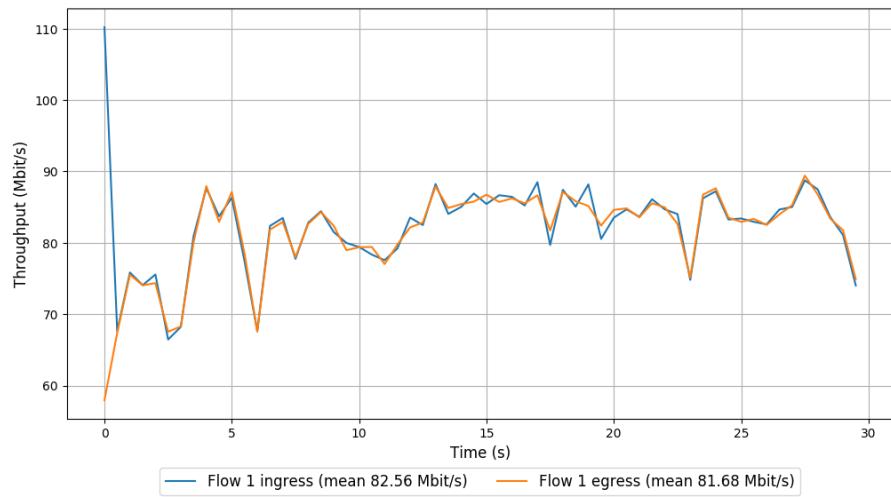


Run 10: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 09:49:03 +0000
End at: Wed, 05 Jul 2017 09:49:33 +0000
Local clock offset: 0.133 ms
Remote clock offset: -1.063 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 11.447 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 11.447 ms
Loss rate: 1.06%
```

Run 10: Report of Verus — Data Link

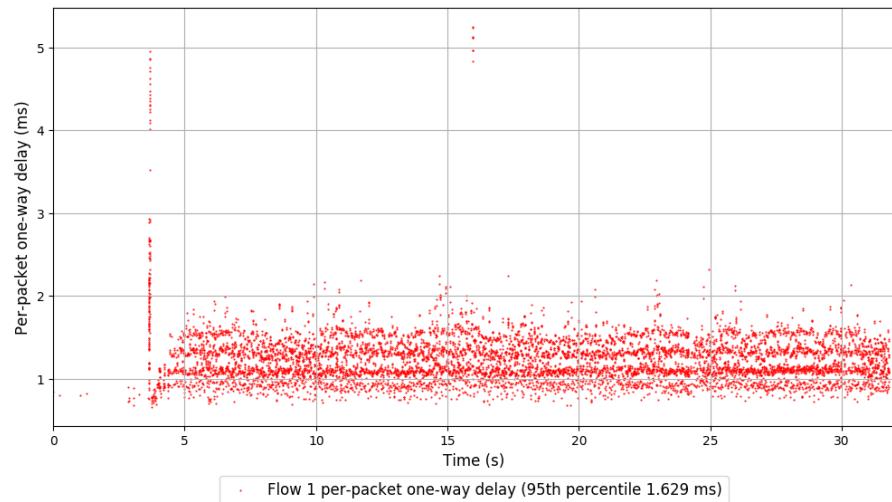
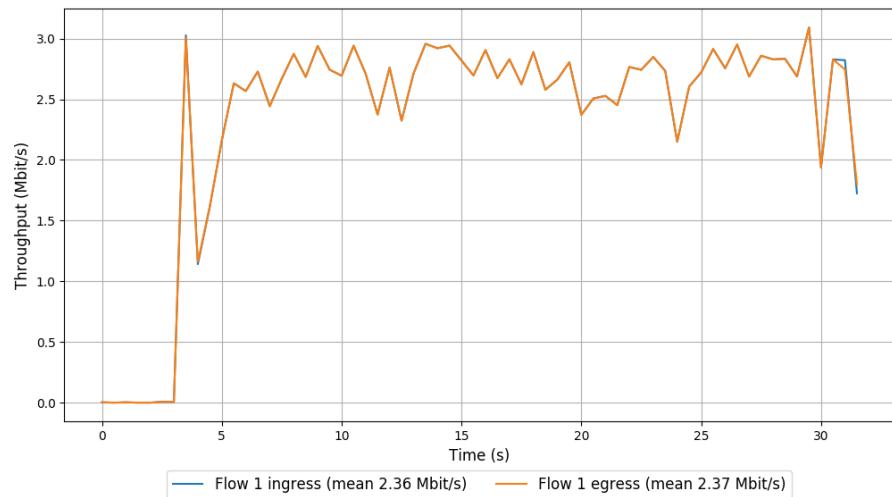


```
Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 07:31:02 +0000
End at: Wed, 05 Jul 2017 07:31:32 +0000
Local clock offset: -0.031 ms
Remote clock offset: 1.225 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 1.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 1.629 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

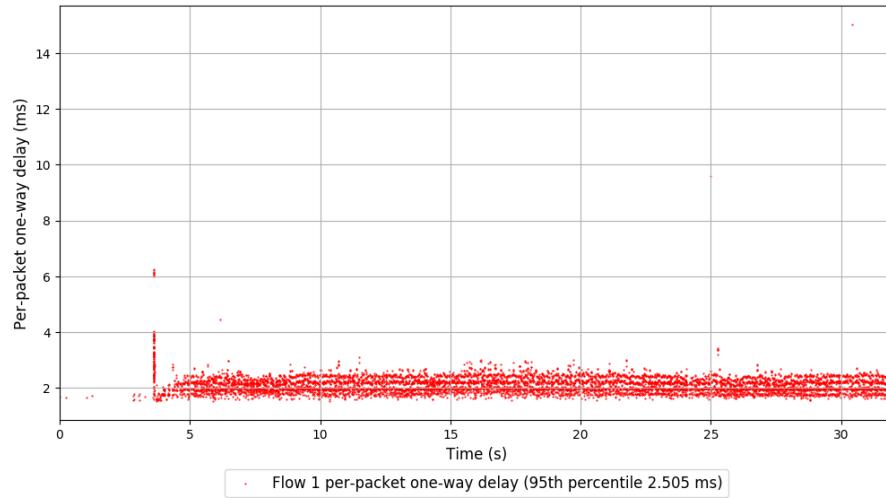
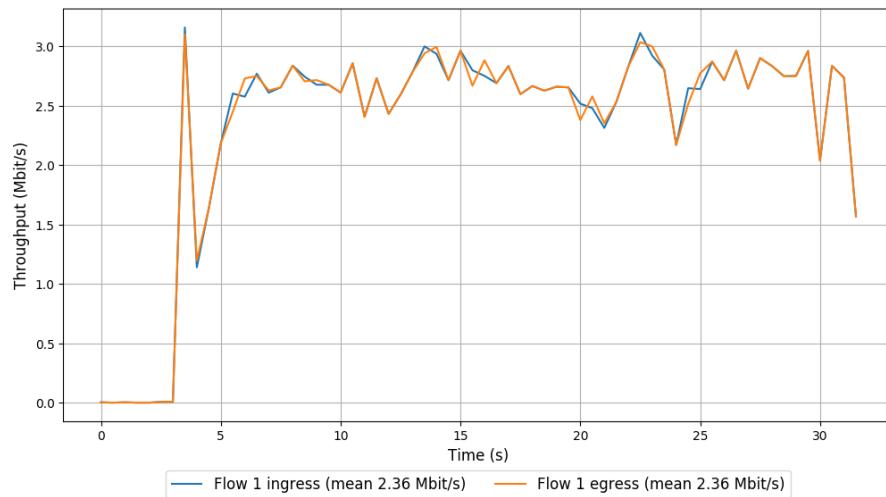


Run 2: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 07:48:00 +0000
End at: Wed, 05 Jul 2017 07:48:30 +0000
Local clock offset: 0.075 ms
Remote clock offset: 0.427 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.505 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

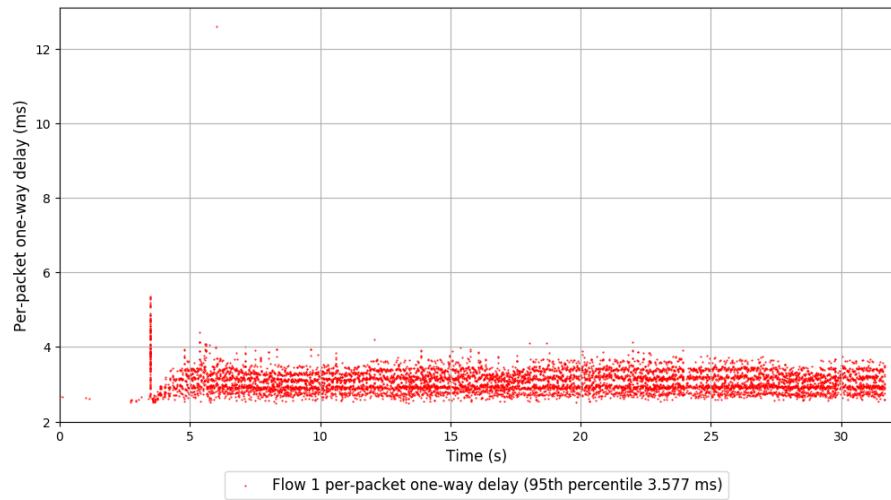
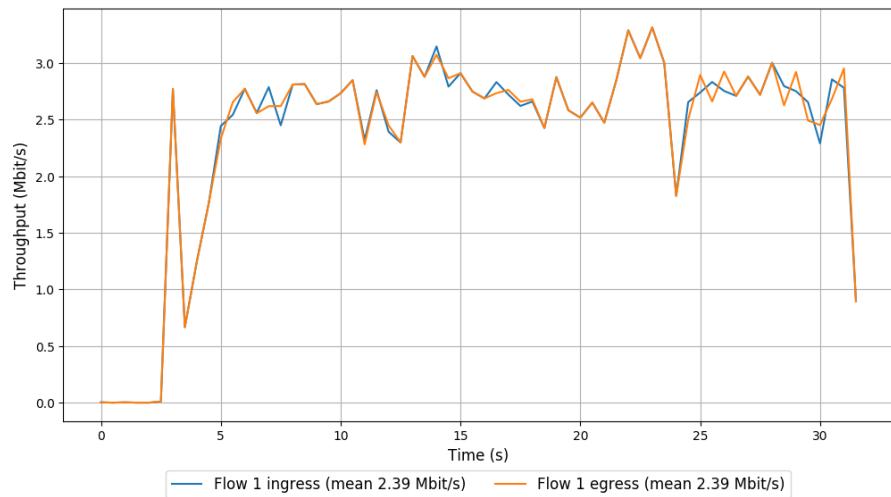


Run 3: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:04:58 +0000
End at: Wed, 05 Jul 2017 08:05:28 +0000
Local clock offset: 0.178 ms
Remote clock offset: -0.37 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.577 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.577 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

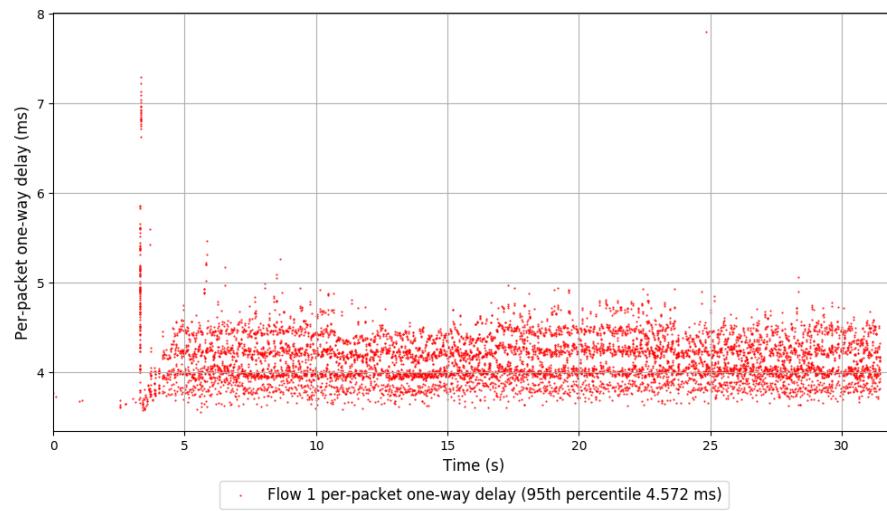
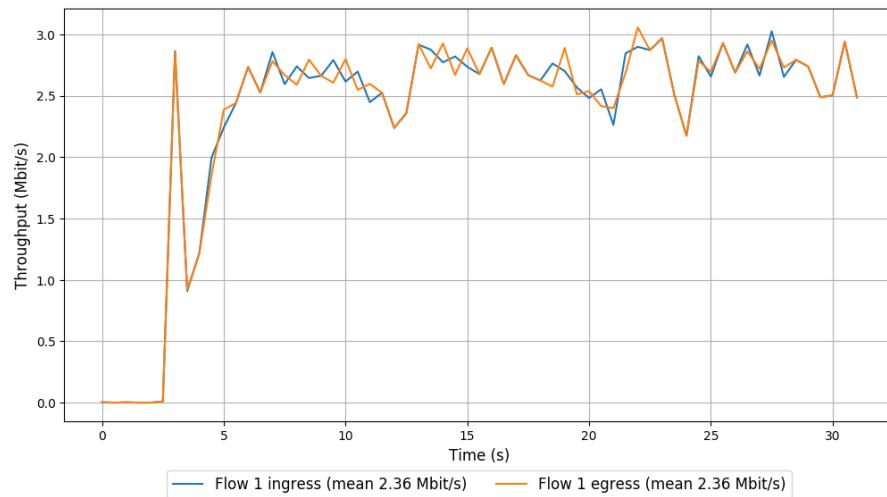


Run 4: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:21:54 +0000
End at: Wed, 05 Jul 2017 08:22:24 +0000
Local clock offset: 0.218 ms
Remote clock offset: -1.366 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 4.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 4.572 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

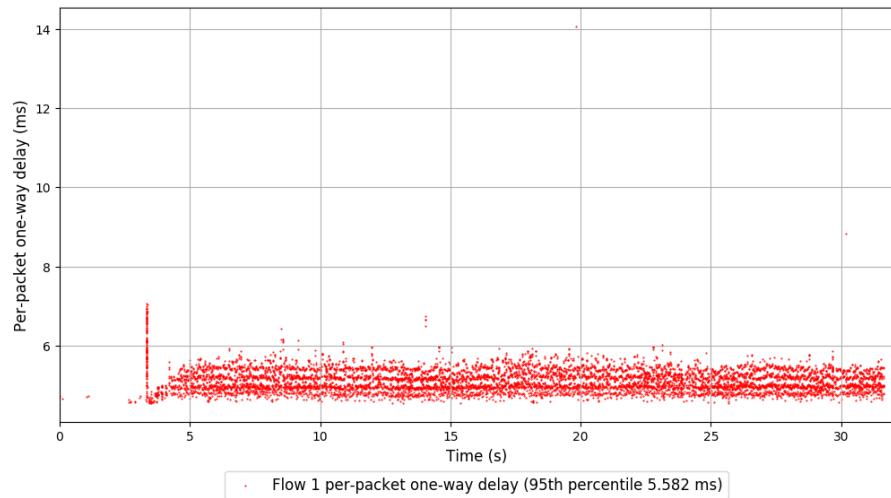
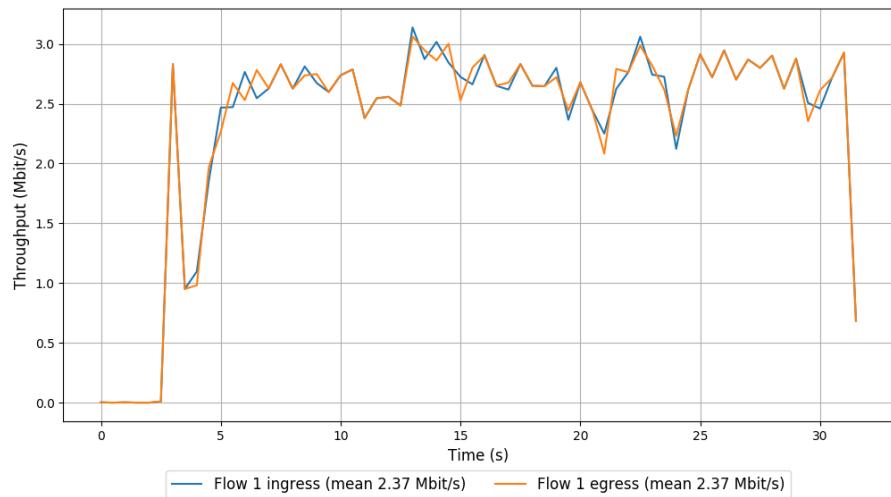


Run 5: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:38:53 +0000
End at: Wed, 05 Jul 2017 08:39:23 +0000
Local clock offset: 0.281 ms
Remote clock offset: -2.446 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 5.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 5.582 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

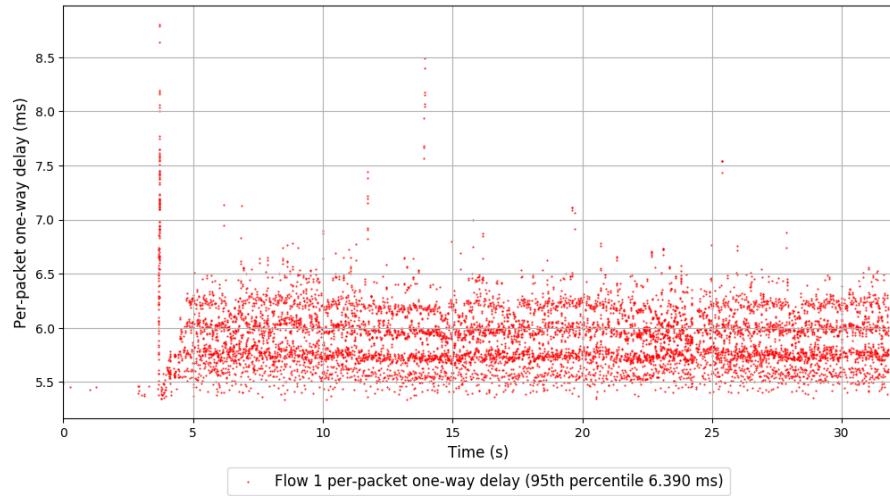
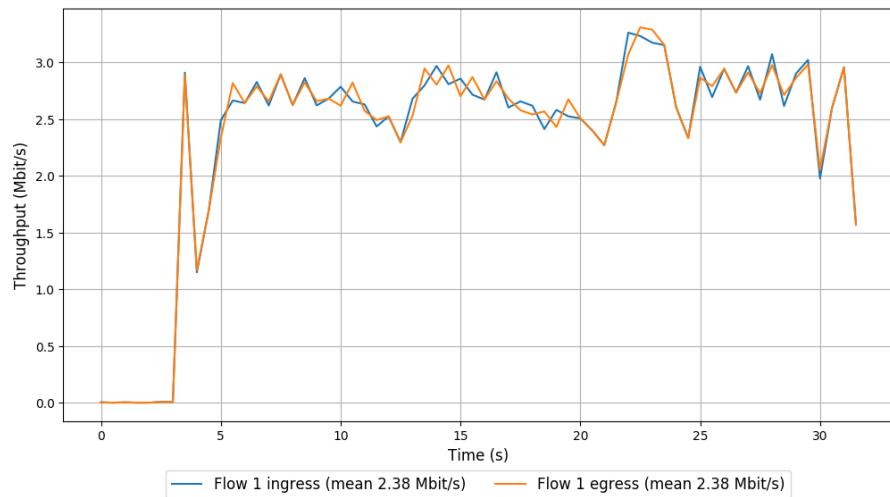


Run 6: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 08:55:51 +0000
End at: Wed, 05 Jul 2017 08:56:21 +0000
Local clock offset: 0.163 ms
Remote clock offset: -3.326 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 6.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 6.390 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 09:12:50 +0000

End at: Wed, 05 Jul 2017 09:13:20 +0000

Local clock offset: 0.139 ms

Remote clock offset: -3.093 ms

Below is generated by plot.py at Wed, 05 Jul 2017 13:40:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 6.157 ms

Loss rate: 0.04%

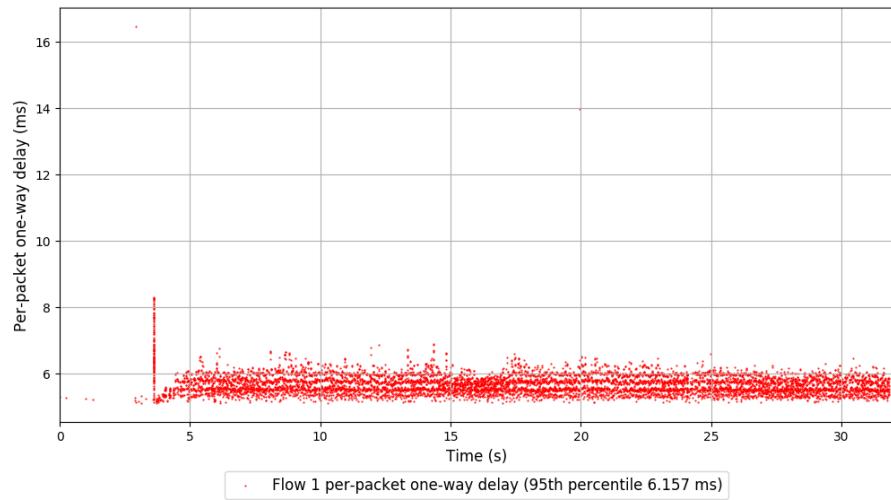
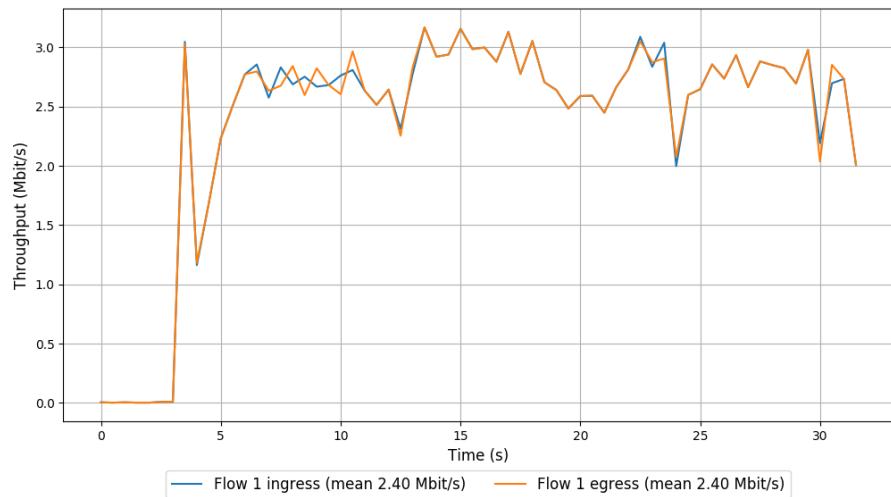
-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 6.157 ms

Loss rate: 0.04%

Run 7: Report of WebRTC media — Data Link

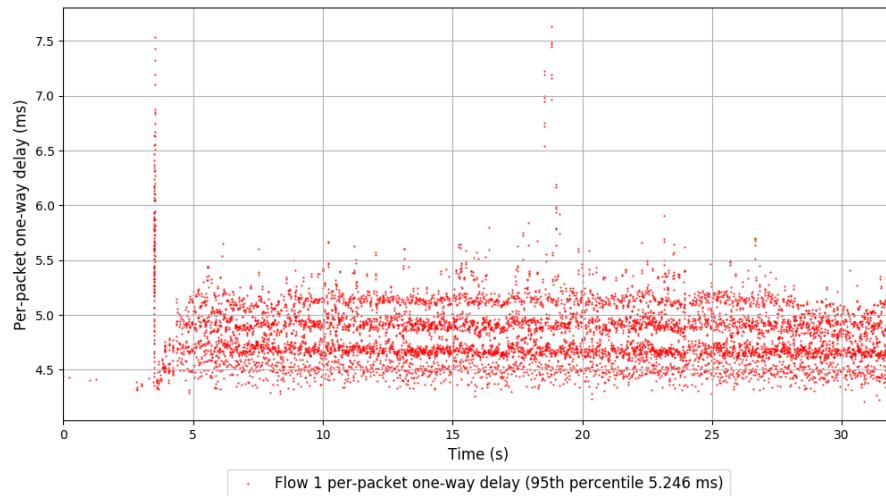
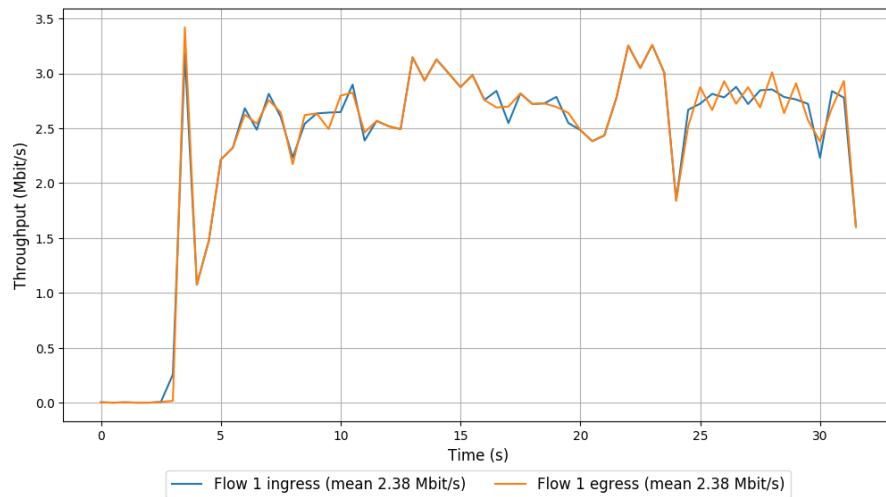


Run 8: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:29:53 +0000
End at: Wed, 05 Jul 2017 09:30:23 +0000
Local clock offset: 0.085 ms
Remote clock offset: -2.211 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 5.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 5.246 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

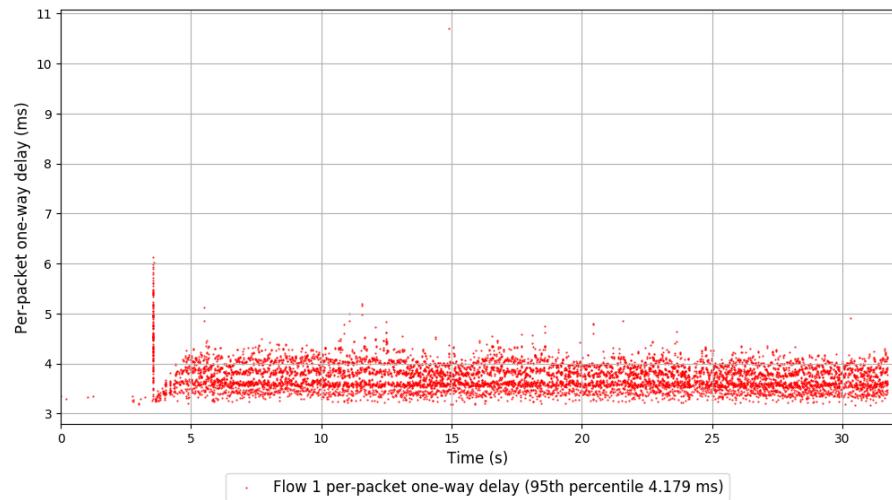
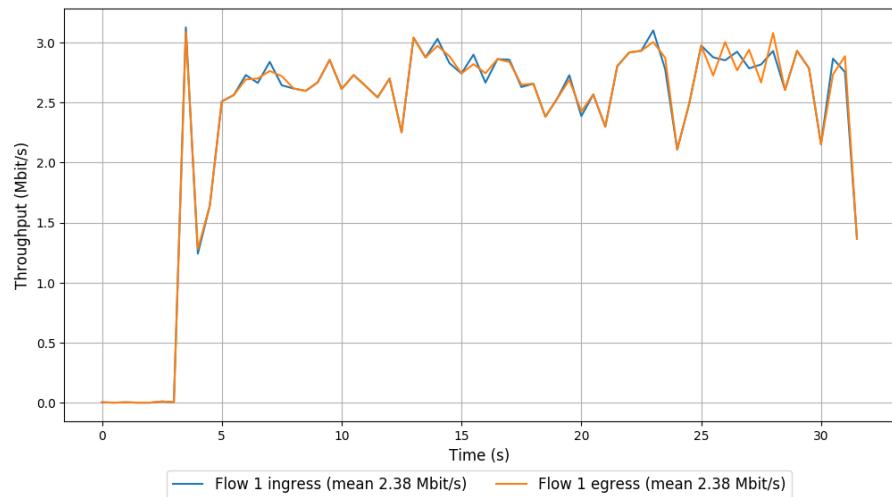


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 09:46:52 +0000
End at: Wed, 05 Jul 2017 09:47:22 +0000
Local clock offset: 0.111 ms
Remote clock offset: -1.146 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 4.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 4.179 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 10:03:54 +0000
End at: Wed, 05 Jul 2017 10:04:24 +0000
Local clock offset: 0.109 ms
Remote clock offset: -0.342 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:40:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.341 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

