

Pantheon Summary (Generated at Sun, 09 Jul 2017 09:18:37 +0000 with
pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

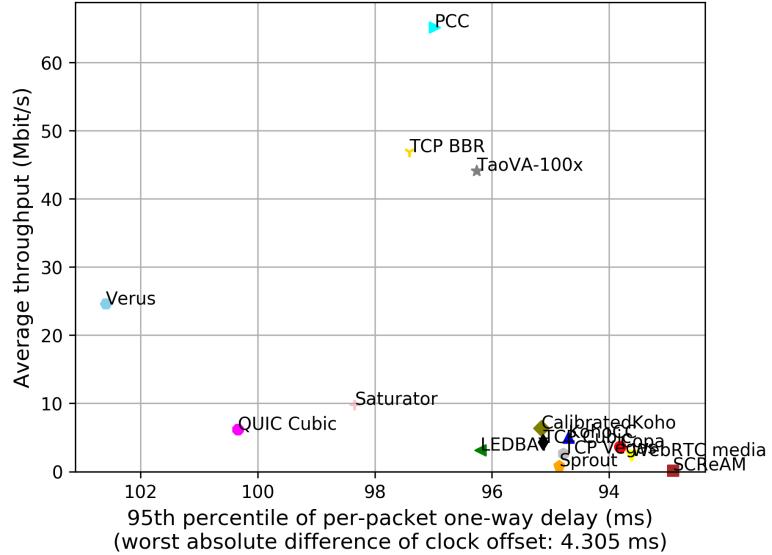
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS Korea Ethernet **to** China Ethernet.

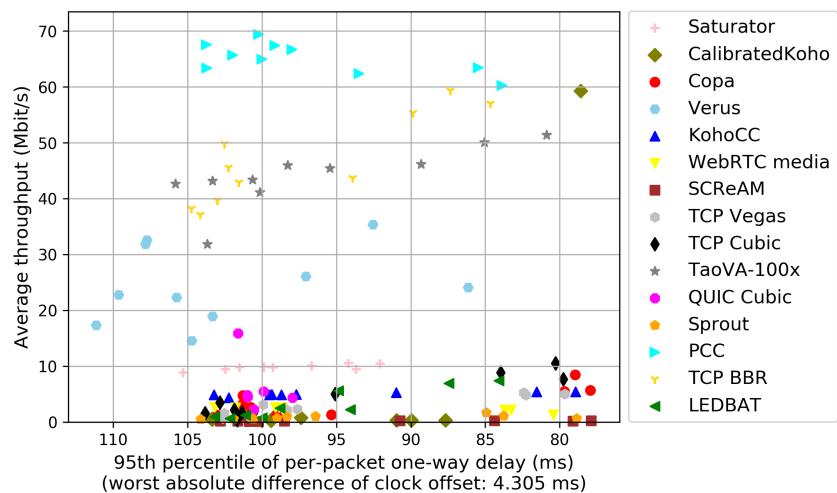
NTP offset measured against ntp.nict.jp.

```
git branch: master @ c3610718e2bbac84102e8ac47b889a75d4392d79
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 Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme



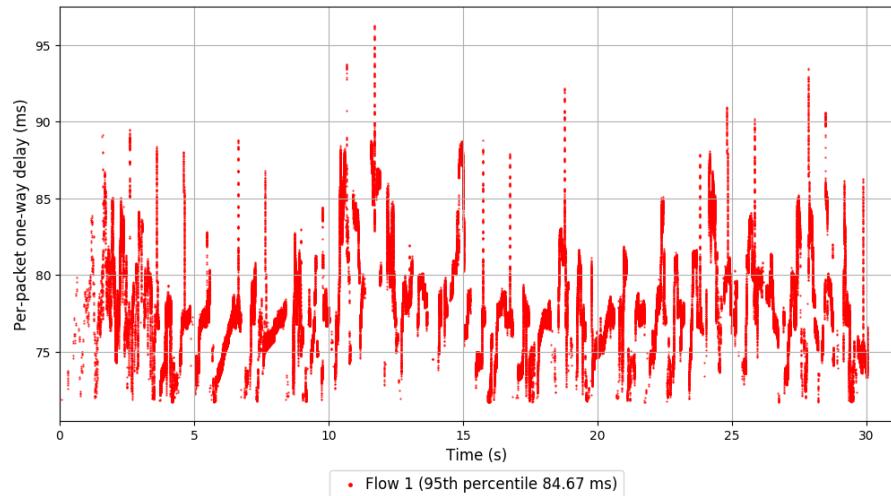
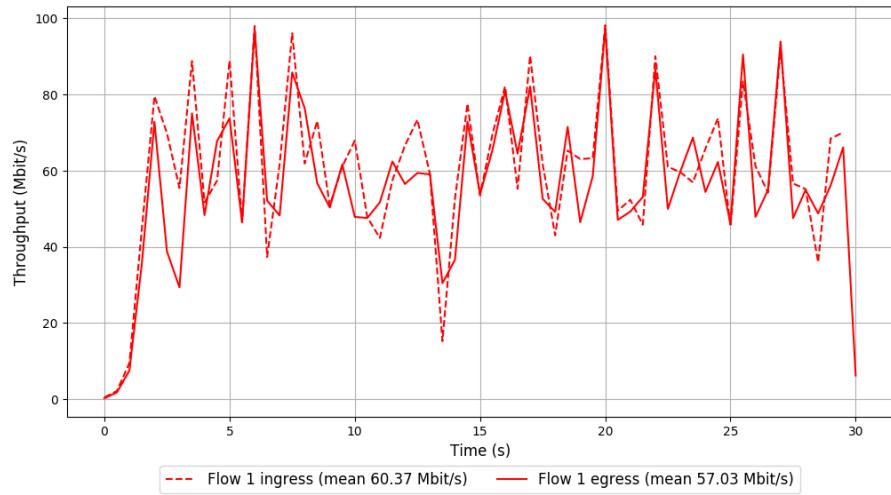
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	46.88	97.41	3.48
CalibratedKoho	10	6.35	95.16	0.51
Copa	10	3.62	93.81	0.37
TCP Cubic	10	4.30	95.13	1.74
KohoCC	10	4.99	94.69	0.34
LEDBAT	10	3.14	96.20	0.64
PCC	10	65.14	96.98	2.89
QUIC Cubic	10	6.19	100.34	0.60
Saturator	10	9.78	98.34	0.94
SCReAM	10	0.17	92.91	0.64
Sprout	10	0.83	94.85	0.43
TaoVA-100x	10	44.13	96.26	2.31
TCP Vegas	10	2.67	94.78	1.25
Verus	10	24.59	102.60	68.69
WebRTC media	10	2.32	93.61	0.40

Run 1: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 03:04:36 +0000
End at: Sun, 09 Jul 2017 03:05:06 +0000
Local clock offset: 1.369 ms
Remote clock offset: 0.69 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 84.666 ms
Loss rate: 5.55%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 84.666 ms
Loss rate: 5.55%
```

Run 1: Report of TCP BBR — Data Link

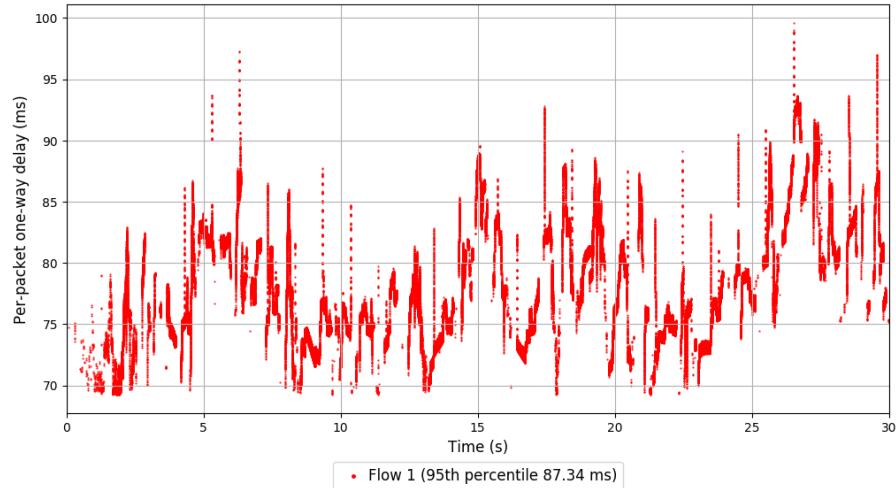
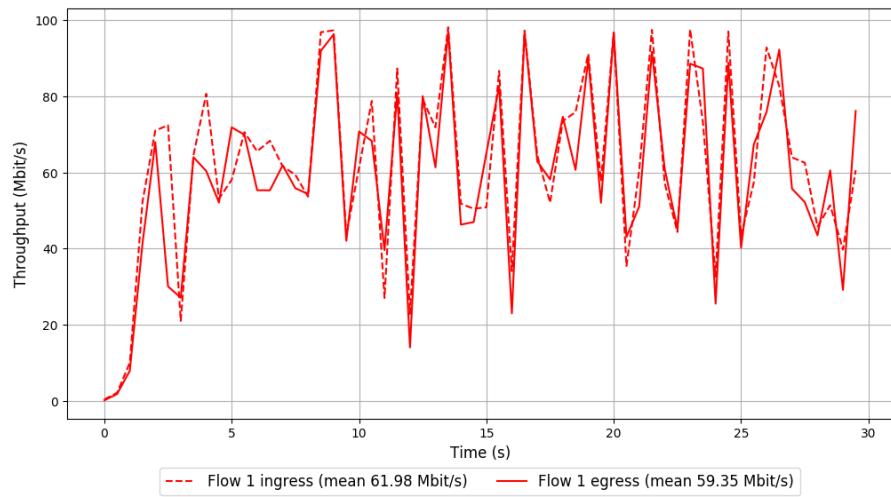


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 03:22:32 +0000
End at: Sun, 09 Jul 2017 03:23:02 +0000
Local clock offset: 1.557 ms
Remote clock offset: 1.23 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 87.343 ms
Loss rate: 4.23%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 87.343 ms
Loss rate: 4.23%
```

Run 2: Report of TCP BBR — Data Link

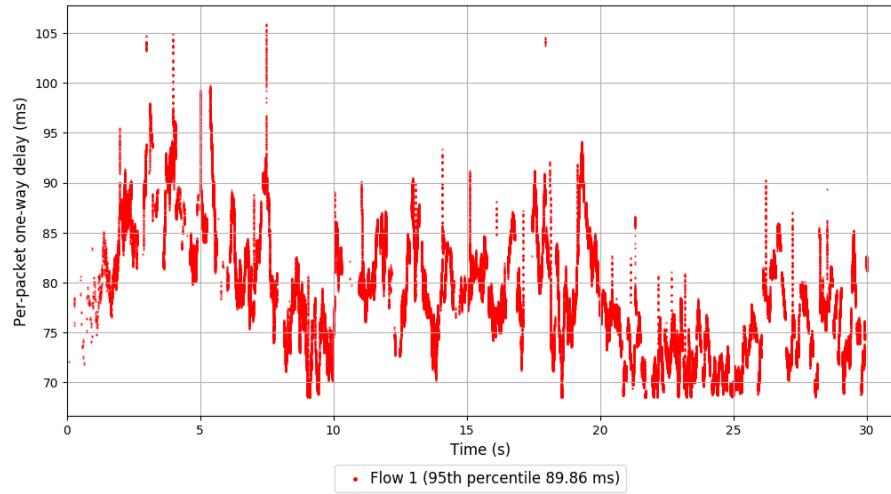
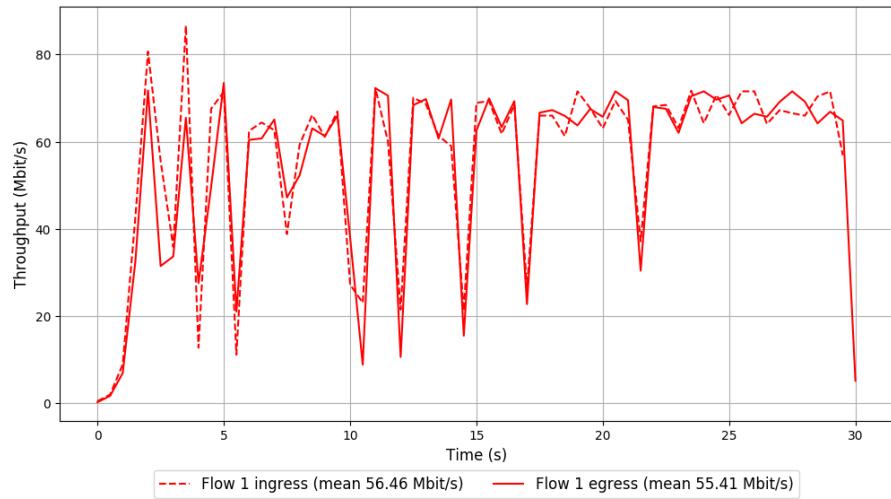


Run 3: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 03:41:14 +0000
End at: Sun, 09 Jul 2017 03:41:44 +0000
Local clock offset: 1.568 ms
Remote clock offset: 1.685 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 89.860 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 89.860 ms
Loss rate: 1.86%
```

Run 3: Report of TCP BBR — Data Link

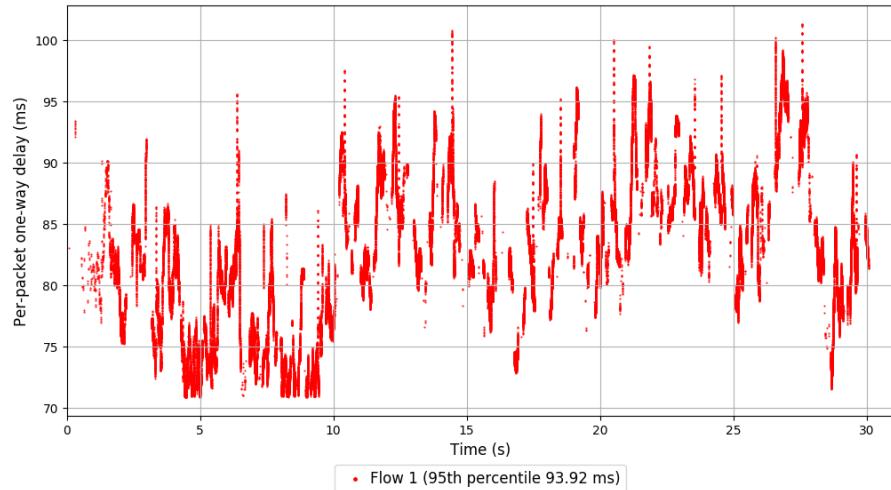
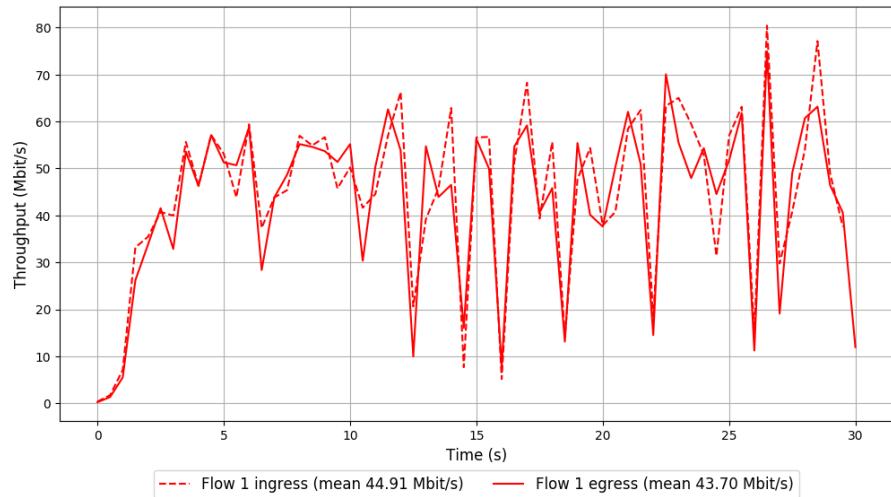


Run 4: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 04:00:57 +0000
End at: Sun, 09 Jul 2017 04:01:27 +0000
Local clock offset: 3.08 ms
Remote clock offset: 1.801 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 93.923 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 93.923 ms
Loss rate: 2.74%
```

Run 4: Report of TCP BBR — Data Link

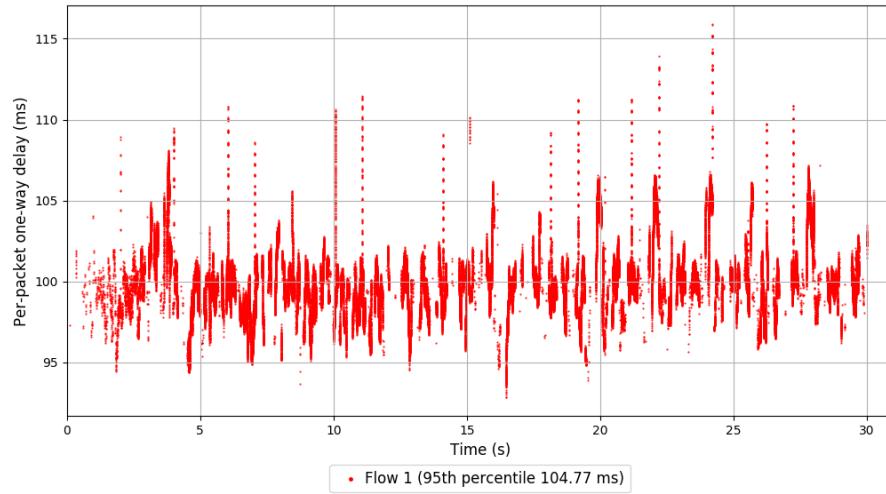
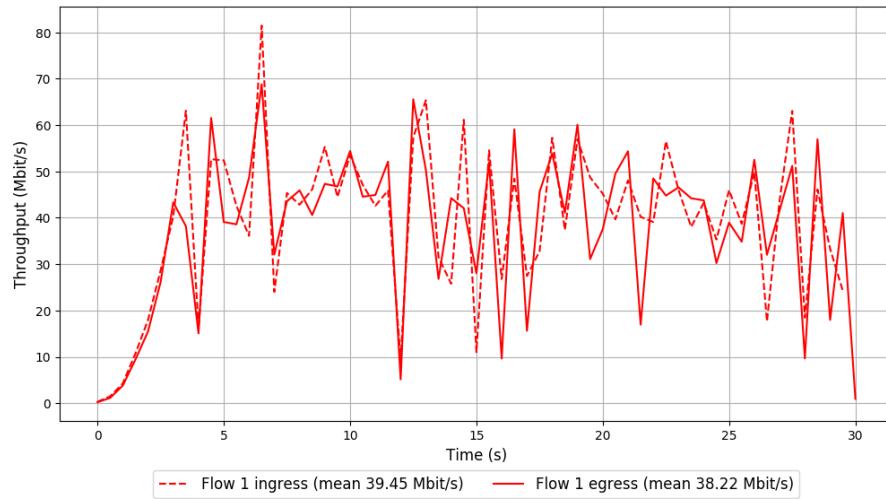


Run 5: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 04:19:08 +0000
End at: Sun, 09 Jul 2017 04:19:38 +0000
Local clock offset: 1.912 ms
Remote clock offset: 1.707 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 104.765 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 104.765 ms
Loss rate: 3.11%
```

Run 5: Report of TCP BBR — Data Link

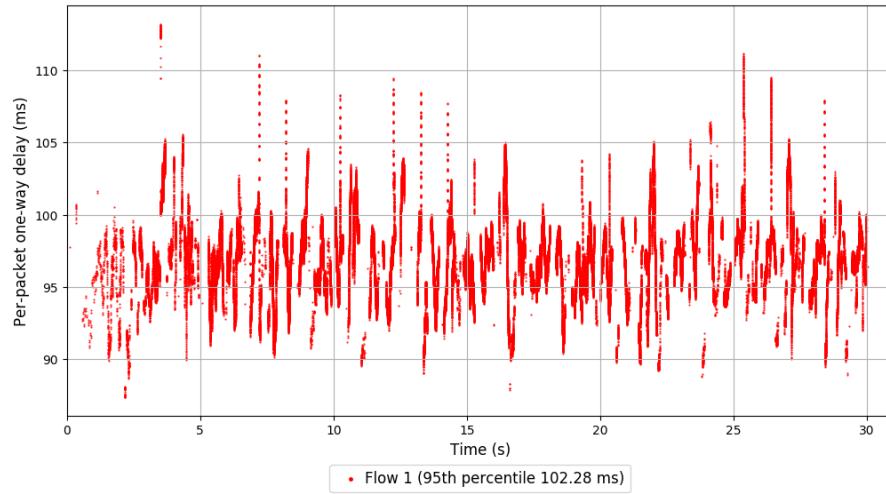
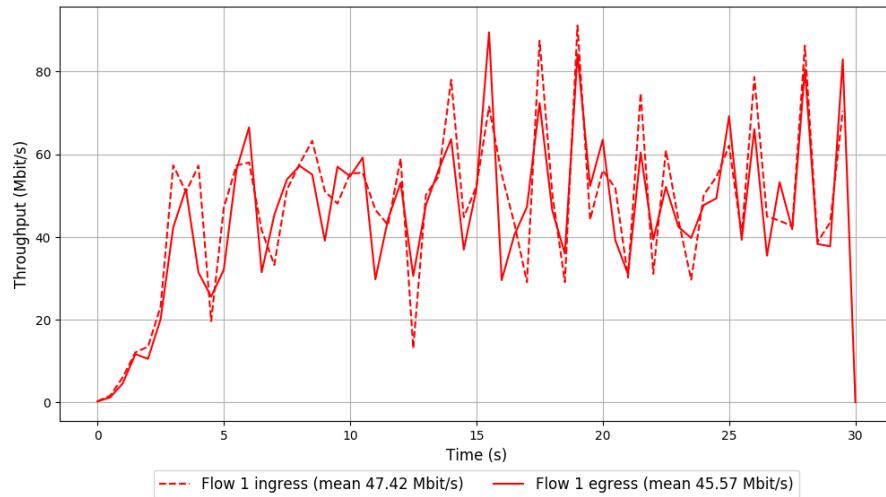


Run 6: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 04:37:05 +0000
End at: Sun, 09 Jul 2017 04:37:35 +0000
Local clock offset: 3.692 ms
Remote clock offset: 1.326 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.57 Mbit/s
95th percentile per-packet one-way delay: 102.276 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 45.57 Mbit/s
95th percentile per-packet one-way delay: 102.276 ms
Loss rate: 3.89%
```

Run 6: Report of TCP BBR — Data Link

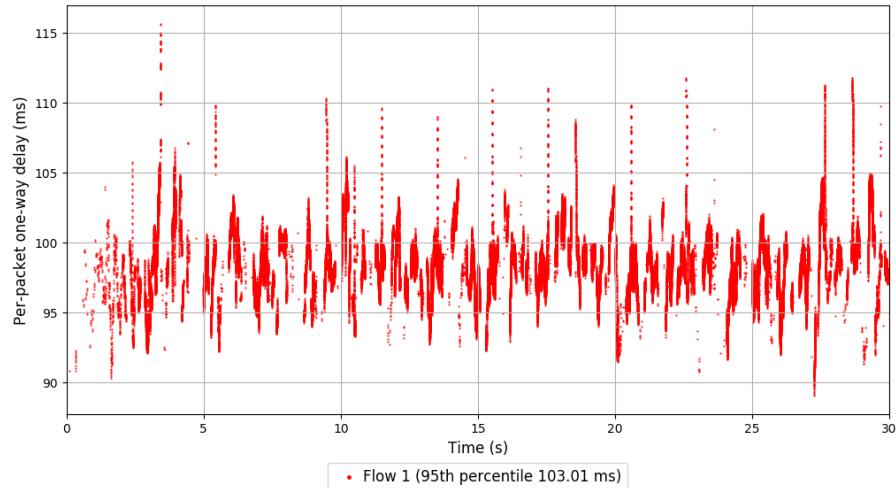
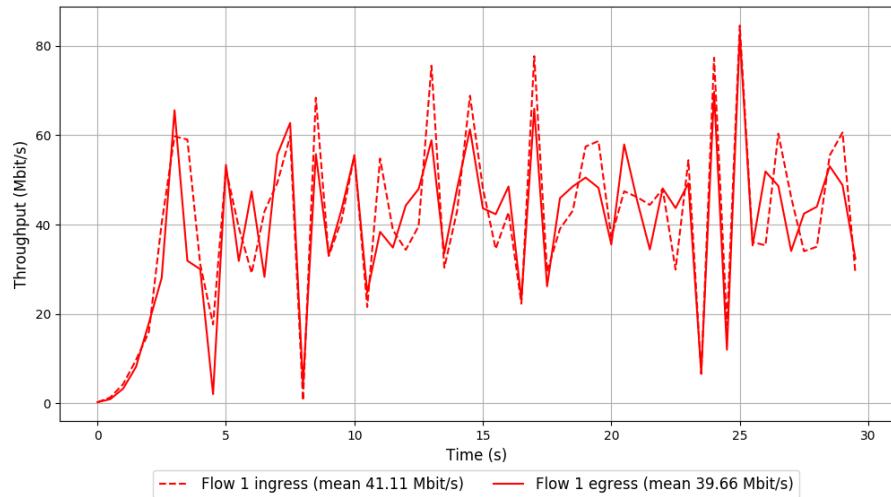


Run 7: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 04:55:14 +0000
End at: Sun, 09 Jul 2017 04:55:44 +0000
Local clock offset: 3.873 ms
Remote clock offset: 0.953 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 103.009 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 103.009 ms
Loss rate: 3.51%
```

Run 7: Report of TCP BBR — Data Link

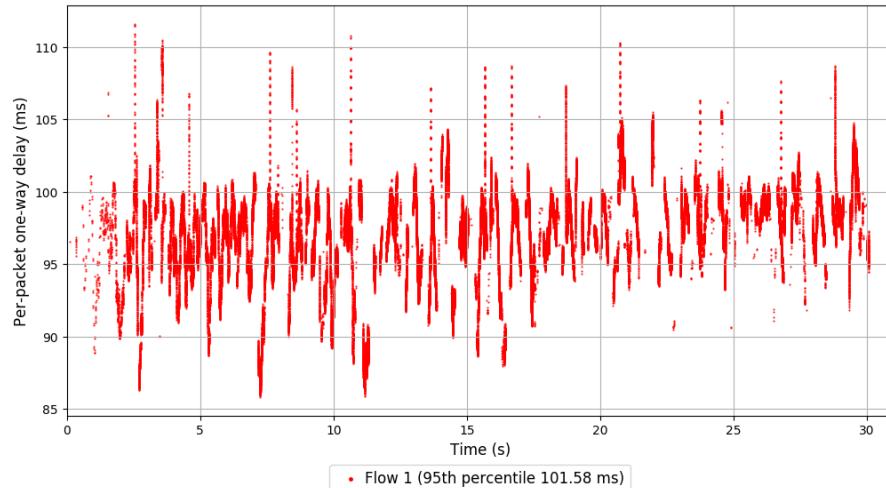
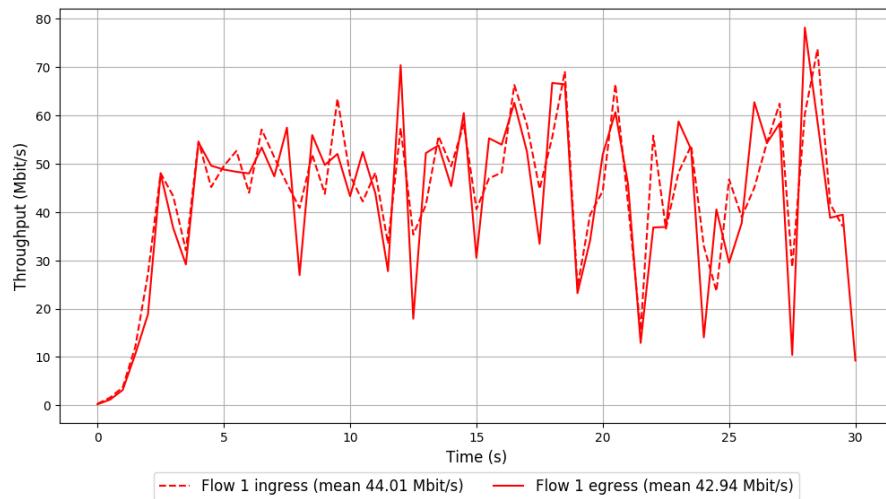


Run 8: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 05:13:18 +0000
End at: Sun, 09 Jul 2017 05:13:48 +0000
Local clock offset: 3.668 ms
Remote clock offset: 0.636 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 101.576 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 101.576 ms
Loss rate: 2.43%
```

Run 8: Report of TCP BBR — Data Link

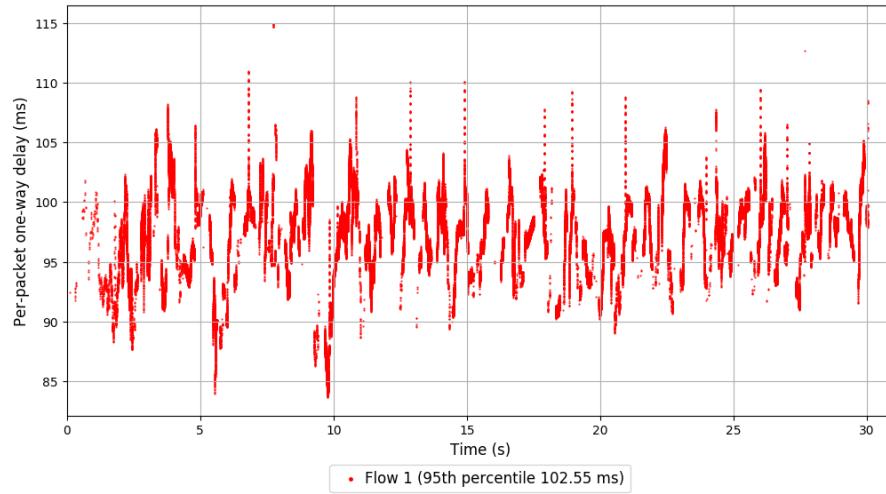
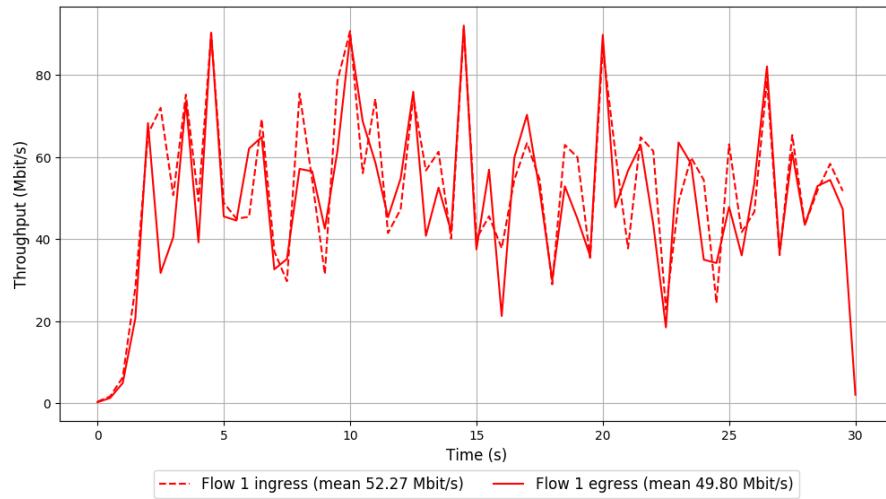


Run 9: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 05:31:34 +0000
End at: Sun, 09 Jul 2017 05:32:04 +0000
Local clock offset: 3.937 ms
Remote clock offset: 0.448 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 102.553 ms
Loss rate: 4.75%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 102.553 ms
Loss rate: 4.75%
```

Run 9: Report of TCP BBR — Data Link

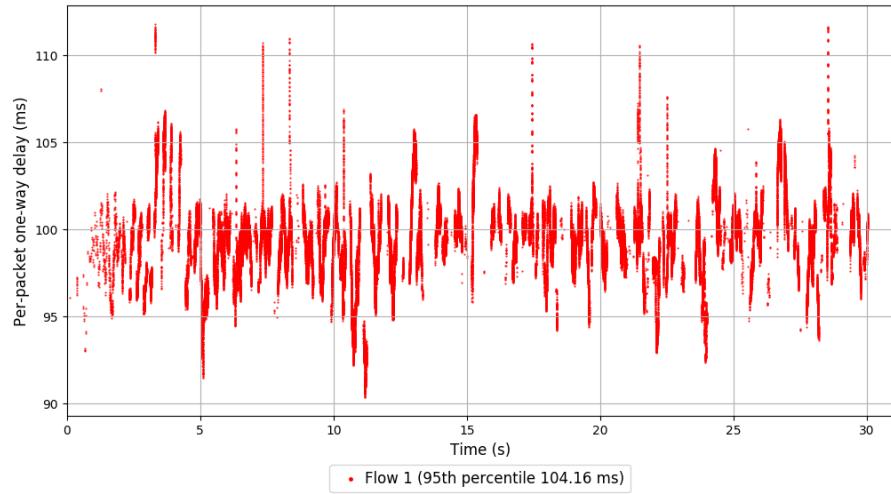
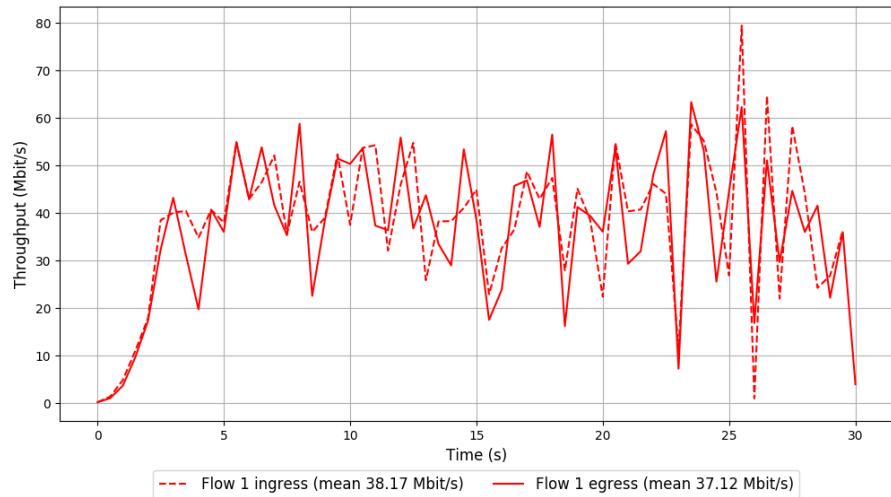


Run 10: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 05:49:41 +0000
End at: Sun, 09 Jul 2017 05:50:11 +0000
Local clock offset: 3.141 ms
Remote clock offset: 0.177 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:14:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 104.164 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 104.164 ms
Loss rate: 2.74%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Sun, 09 Jul 2017 03:02:10 +0000
```

```
End at: Sun, 09 Jul 2017 03:02:40 +0000
```

```
Local clock offset: 1.298 ms
```

```
Remote clock offset: 0.687 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 59.31 Mbit/s
```

```
95th percentile per-packet one-way delay: 78.587 ms
```

```
Loss rate: 2.53%
```

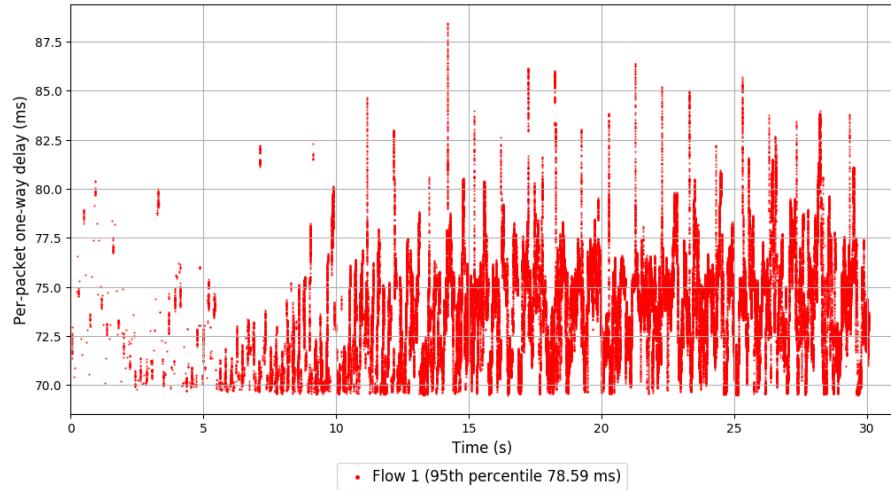
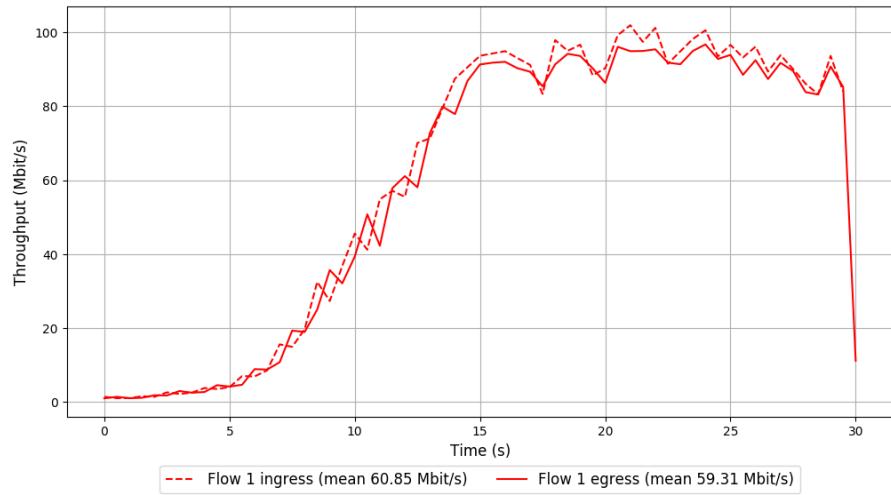
```
-- Flow 1:
```

```
Average throughput: 59.31 Mbit/s
```

```
95th percentile per-packet one-way delay: 78.587 ms
```

```
Loss rate: 2.53%
```

Run 1: Report of CalibratedKoho — Data Link

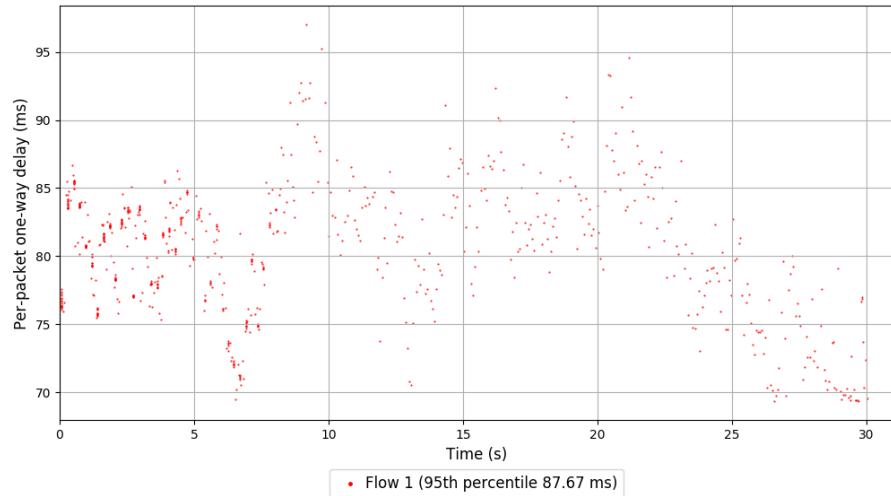
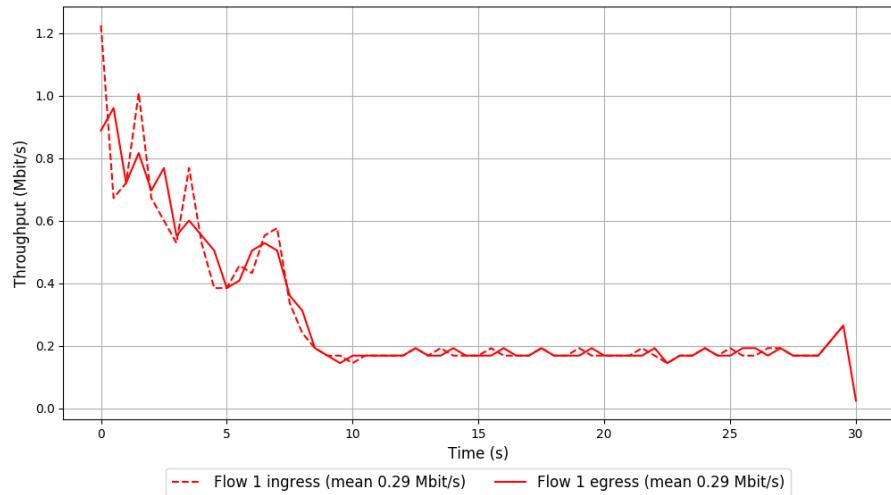


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 03:20:12 +0000
End at: Sun, 09 Jul 2017 03:20:42 +0000
Local clock offset: 2.581 ms
Remote clock offset: 1.131 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 87.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 87.674 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

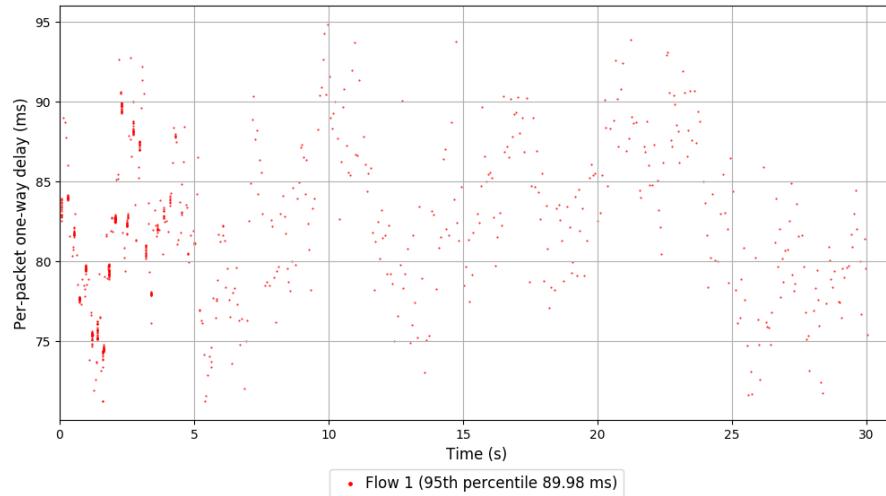
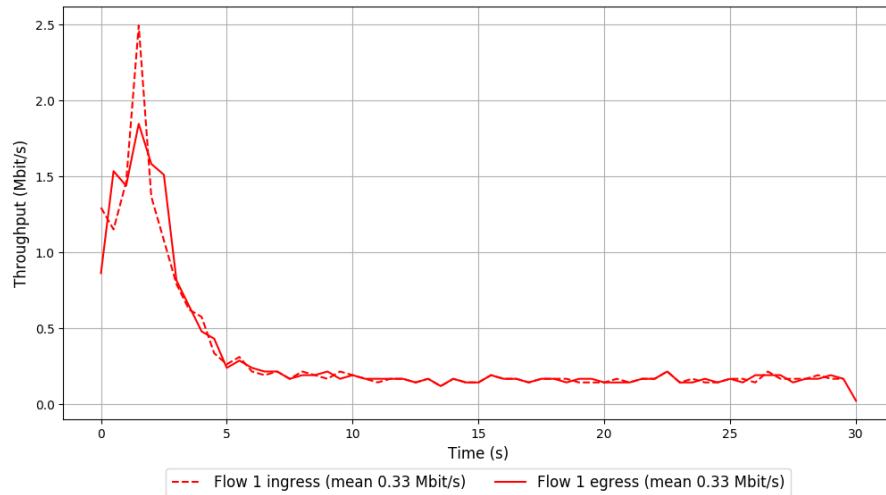


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 03:38:25 +0000
End at: Sun, 09 Jul 2017 03:38:55 +0000
Local clock offset: 1.677 ms
Remote clock offset: 1.626 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 89.977 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 89.977 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

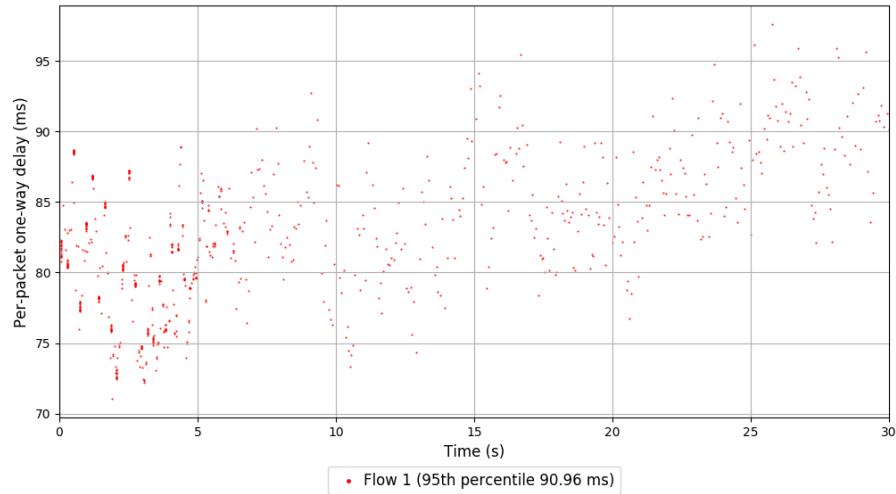
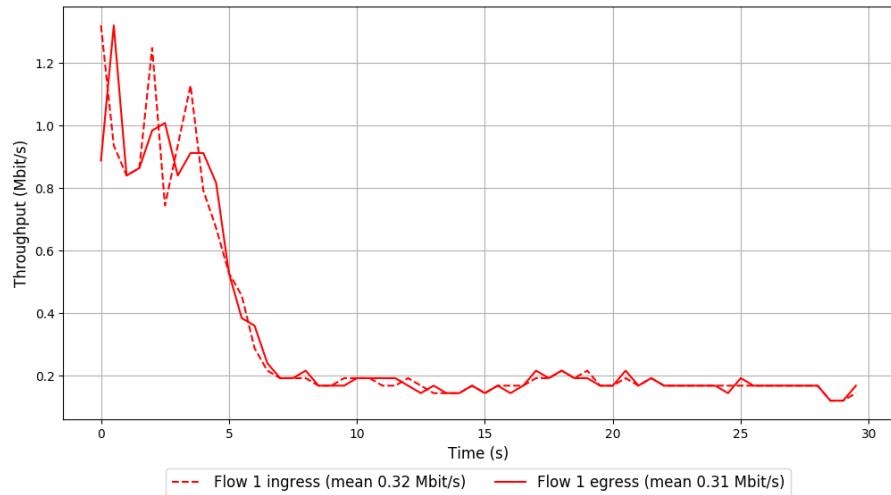


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 03:58:37 +0000
End at: Sun, 09 Jul 2017 03:59:07 +0000
Local clock offset: 1.802 ms
Remote clock offset: 1.794 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 90.961 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 90.961 ms
Loss rate: 0.13%
```

Run 4: Report of CalibratedKoho — Data Link

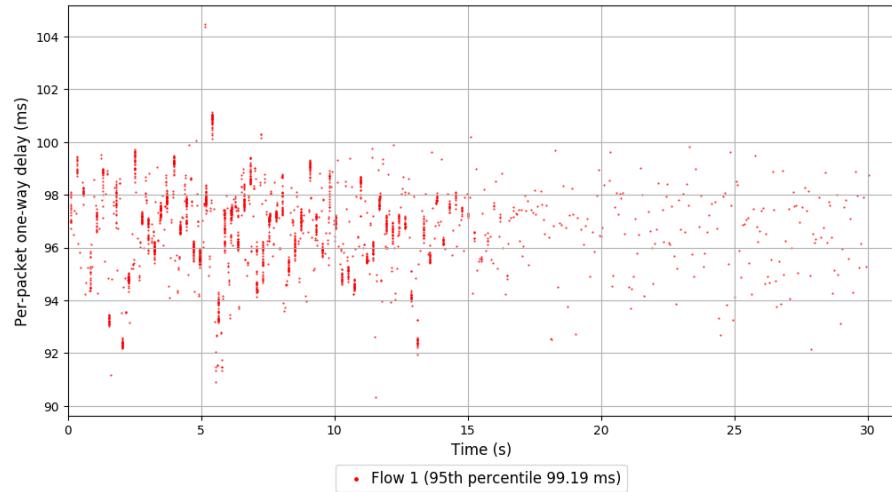
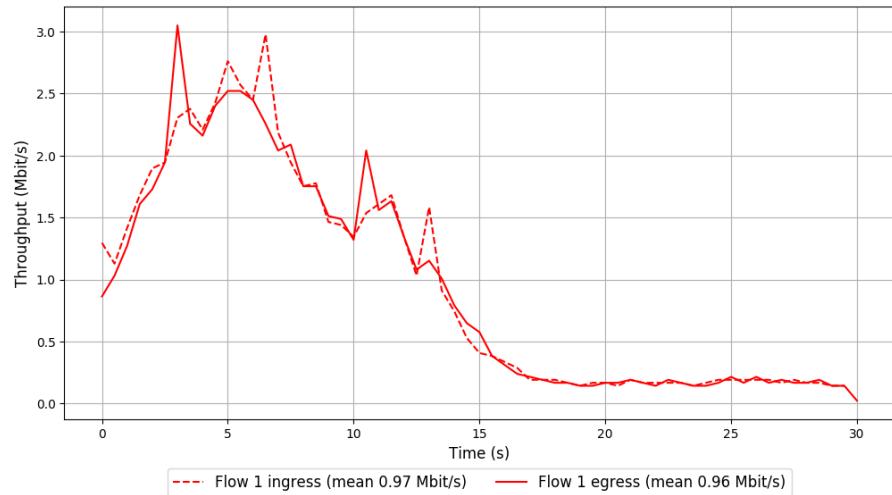


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 04:16:41 +0000
End at: Sun, 09 Jul 2017 04:17:11 +0000
Local clock offset: 3.095 ms
Remote clock offset: 1.705 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 99.189 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 99.189 ms
Loss rate: 1.61%
```

Run 5: Report of CalibratedKoho — Data Link

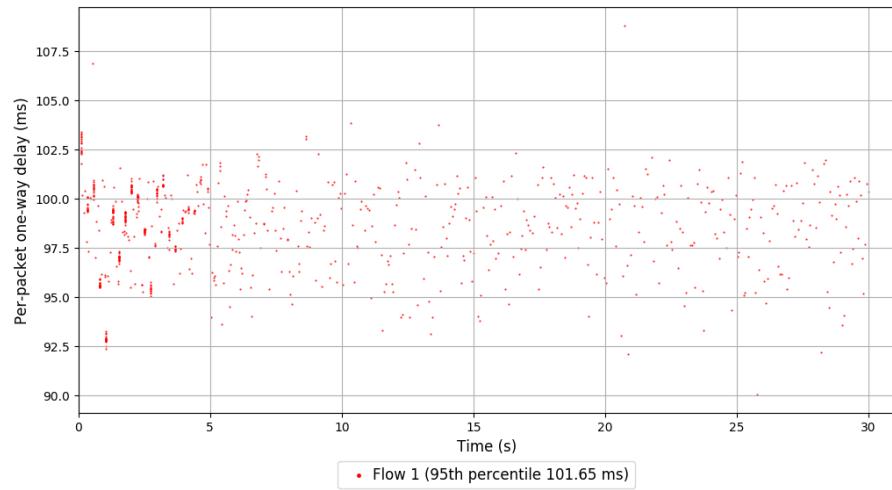
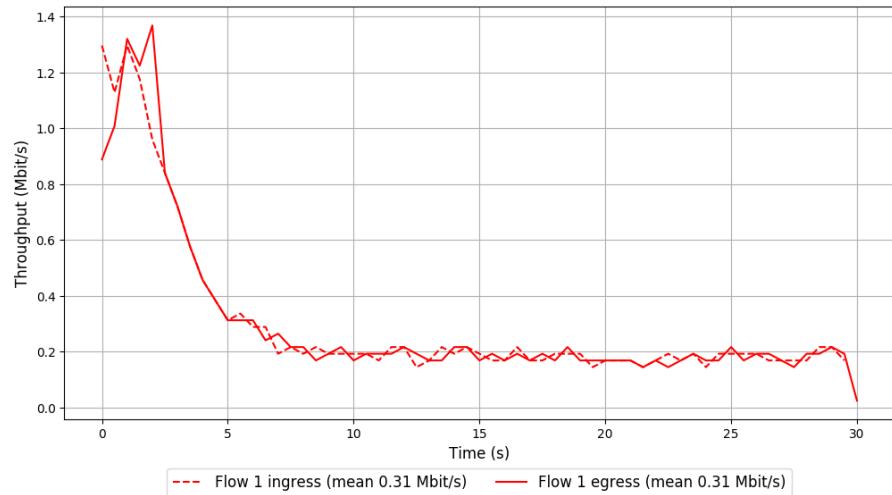


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 04:34:45 +0000
End at: Sun, 09 Jul 2017 04:35:15 +0000
Local clock offset: 2.282 ms
Remote clock offset: 1.385 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 101.648 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 101.648 ms
Loss rate: 0.13%
```

Run 6: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 09 Jul 2017 04:52:52 +0000
```

```
End at: Sun, 09 Jul 2017 04:53:22 +0000
```

```
Local clock offset: 2.419 ms
```

```
Remote clock offset: 1.039 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 97.383 ms
```

```
Loss rate: 0.00%
```

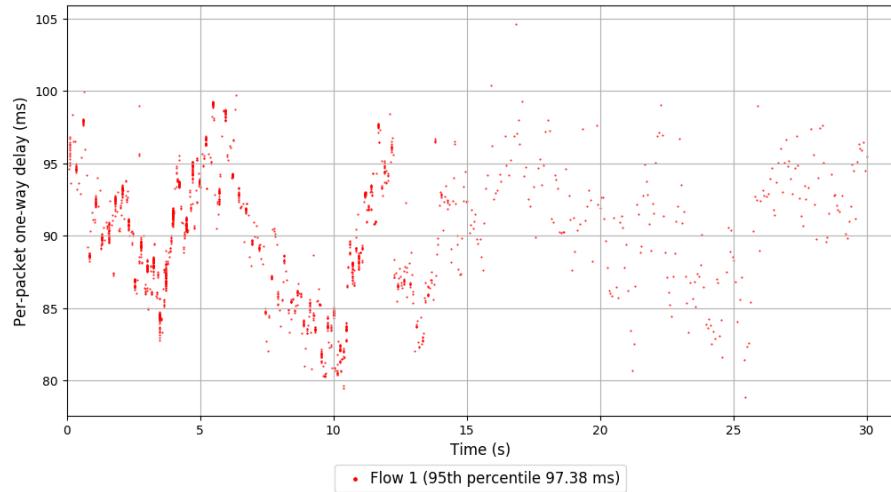
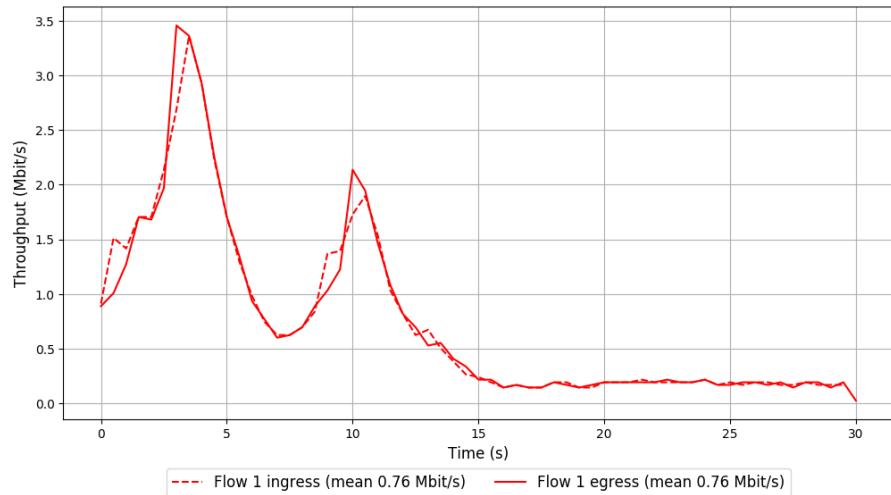
```
-- Flow 1:
```

```
Average throughput: 0.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 97.383 ms
```

```
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 09 Jul 2017 05:10:58 +0000
```

```
End at: Sun, 09 Jul 2017 05:11:28 +0000
```

```
Local clock offset: 2.611 ms
```

```
Remote clock offset: 0.783 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 99.410 ms
```

```
Loss rate: 0.00%
```

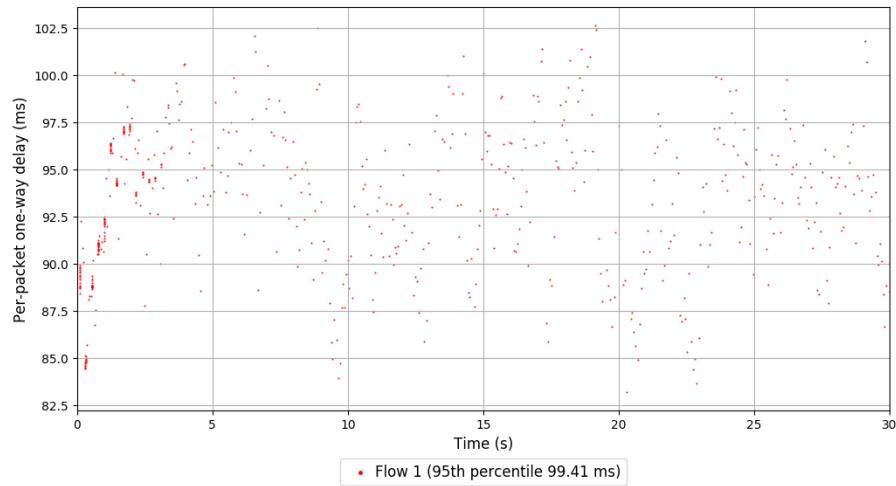
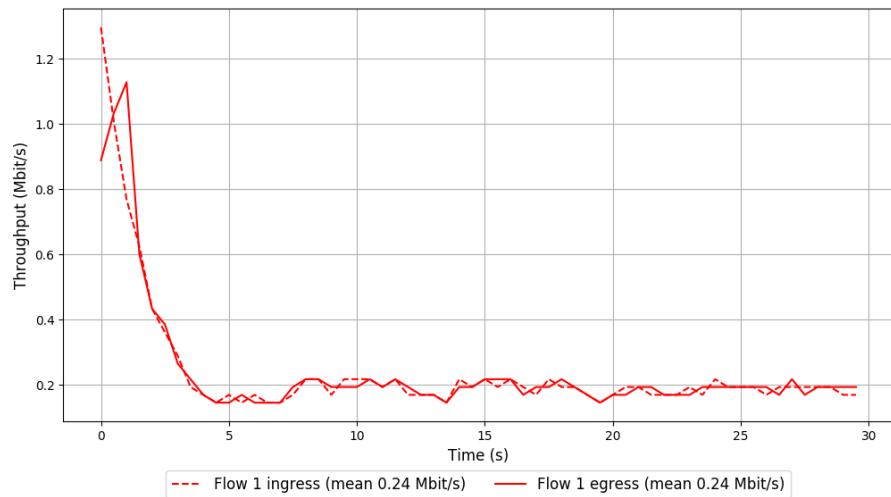
```
-- Flow 1:
```

```
Average throughput: 0.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 99.410 ms
```

```
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 09 Jul 2017 05:29:09 +0000
```

```
End at: Sun, 09 Jul 2017 05:29:39 +0000
```

```
Local clock offset: 2.607 ms
```

```
Remote clock offset: 0.403 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.59 Mbit/s
```

```
95th percentile per-packet one-way delay: 103.372 ms
```

```
Loss rate: 0.61%
```

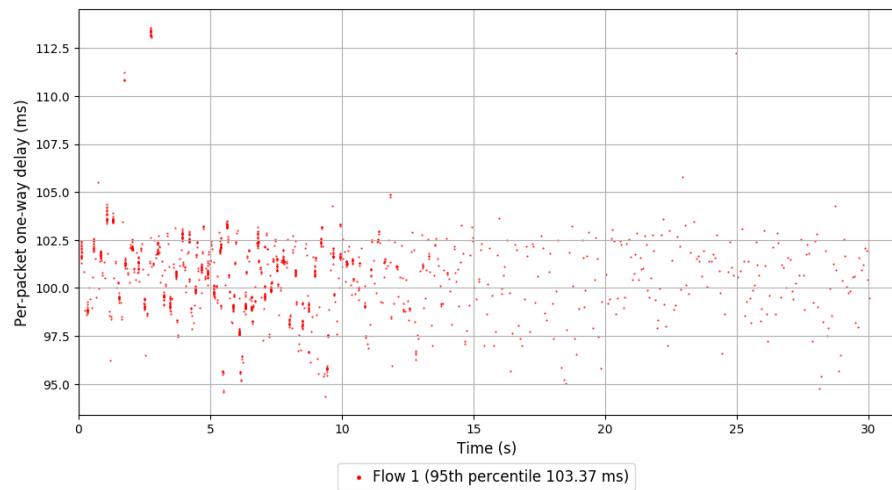
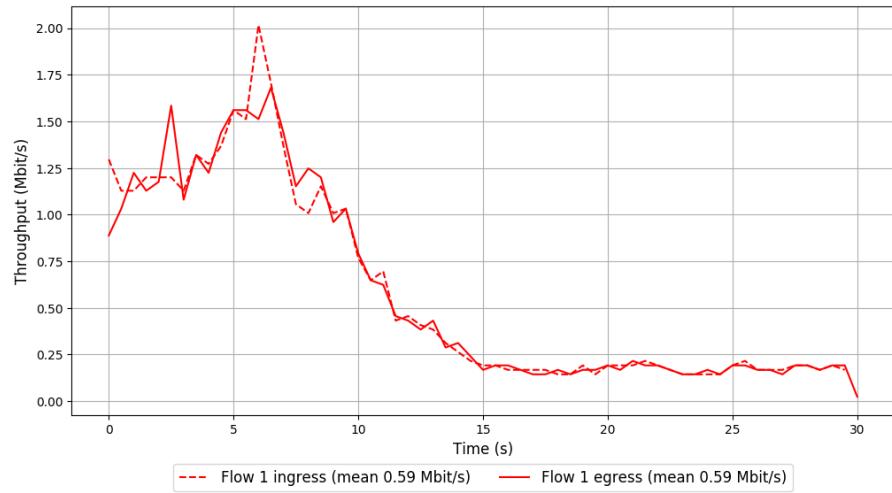
```
-- Flow 1:
```

```
Average throughput: 0.59 Mbit/s
```

```
95th percentile per-packet one-way delay: 103.372 ms
```

```
Loss rate: 0.61%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 09 Jul 2017 05:47:20 +0000
```

```
End at: Sun, 09 Jul 2017 05:47:50 +0000
```

```
Local clock offset: 4.188 ms
```

```
Remote clock offset: 0.203 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 103.374 ms
```

```
Loss rate: 0.09%
```

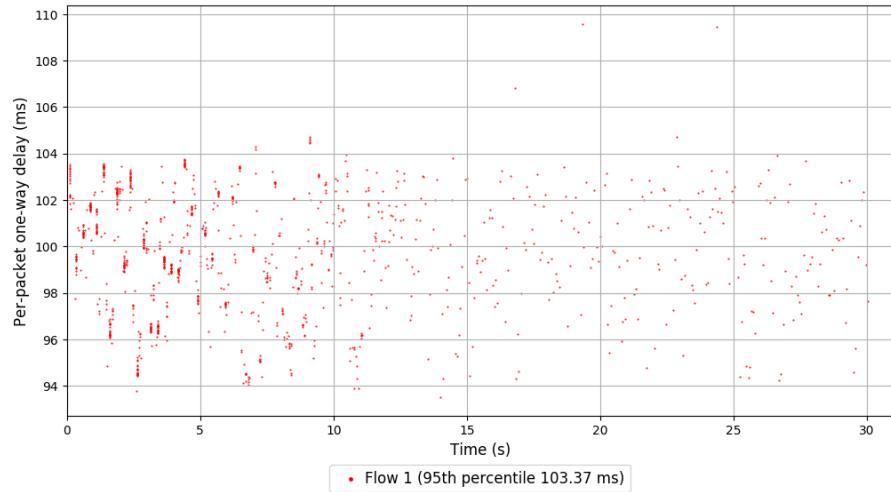
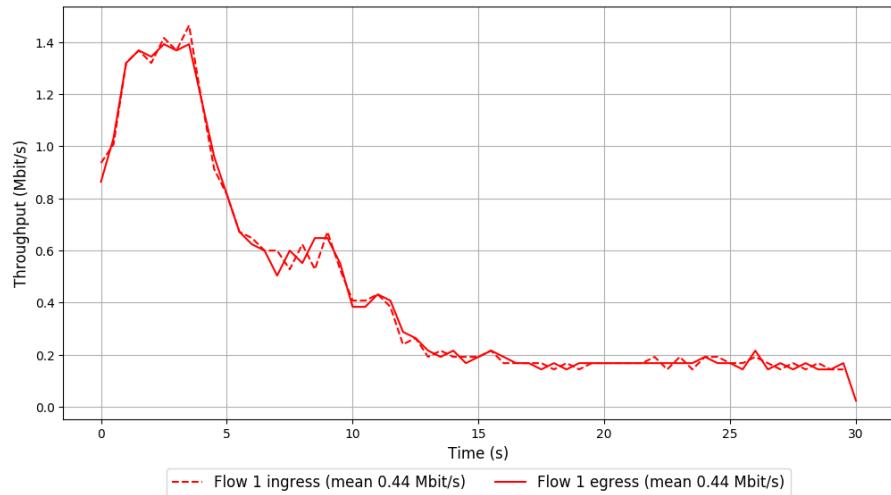
```
-- Flow 1:
```

```
Average throughput: 0.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 103.374 ms
```

```
Loss rate: 0.09%
```

Run 10: Report of CalibratedKoho — Data Link

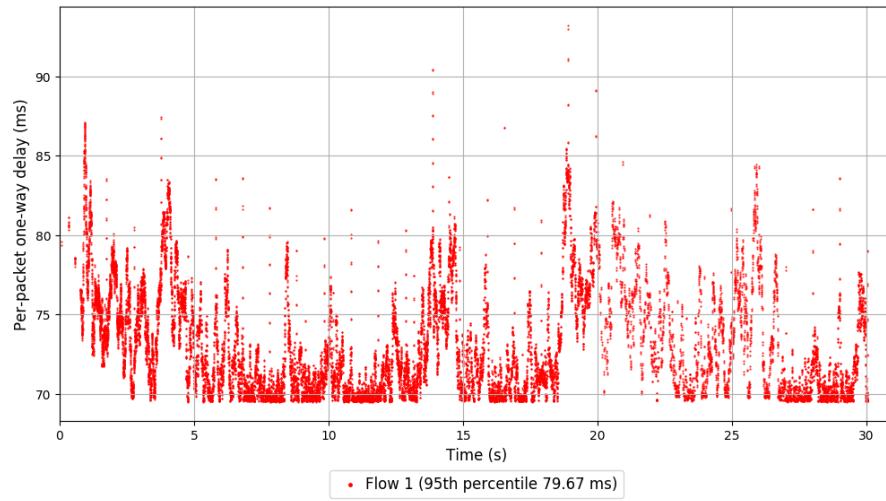
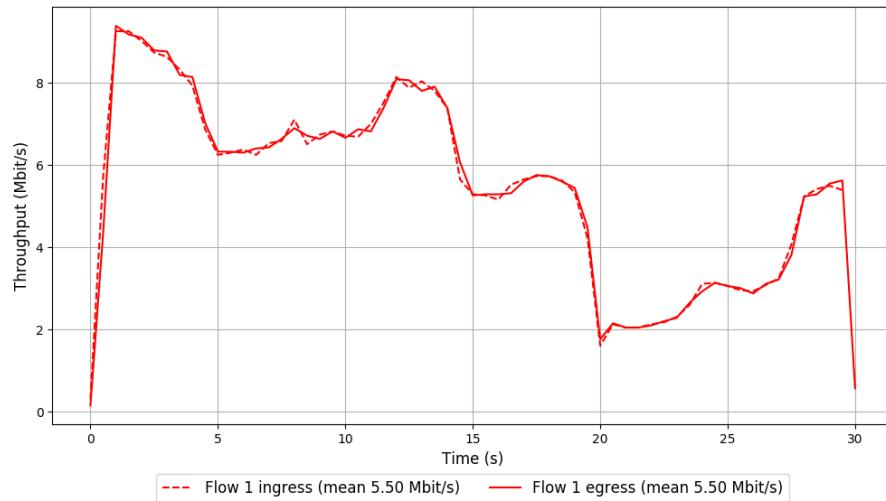


Run 1: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 03:08:14 +0000
End at: Sun, 09 Jul 2017 03:08:44 +0000
Local clock offset: 1.415 ms
Remote clock offset: 0.82 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.50 Mbit/s
95th percentile per-packet one-way delay: 79.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.50 Mbit/s
95th percentile per-packet one-way delay: 79.669 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

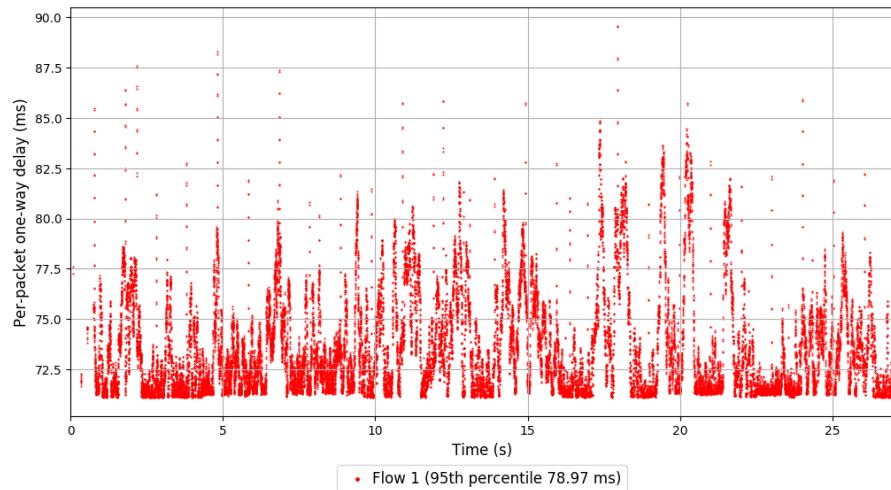
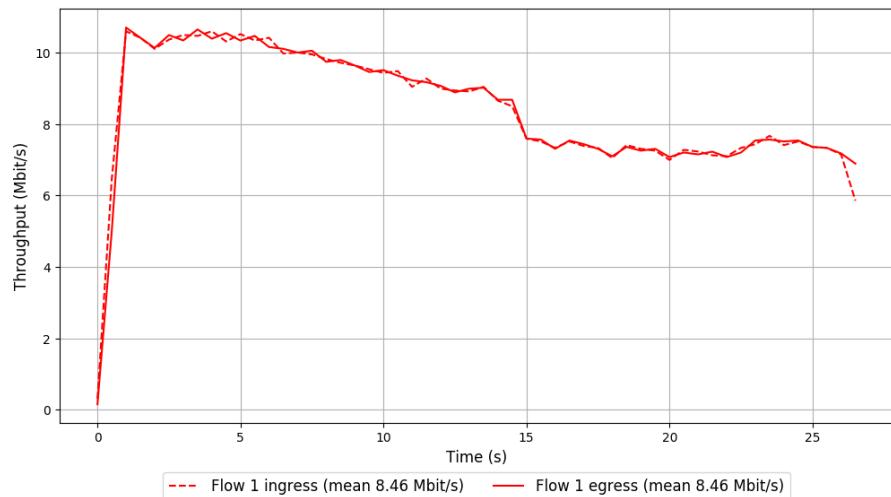


Run 2: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 03:26:15 +0000
End at: Sun, 09 Jul 2017 03:26:45 +0000
Local clock offset: 1.509 ms
Remote clock offset: 1.348 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 78.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 78.966 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

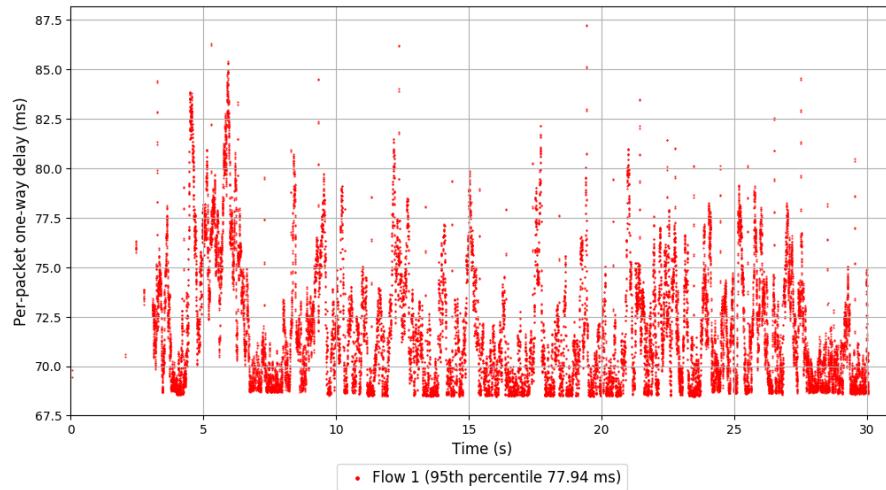
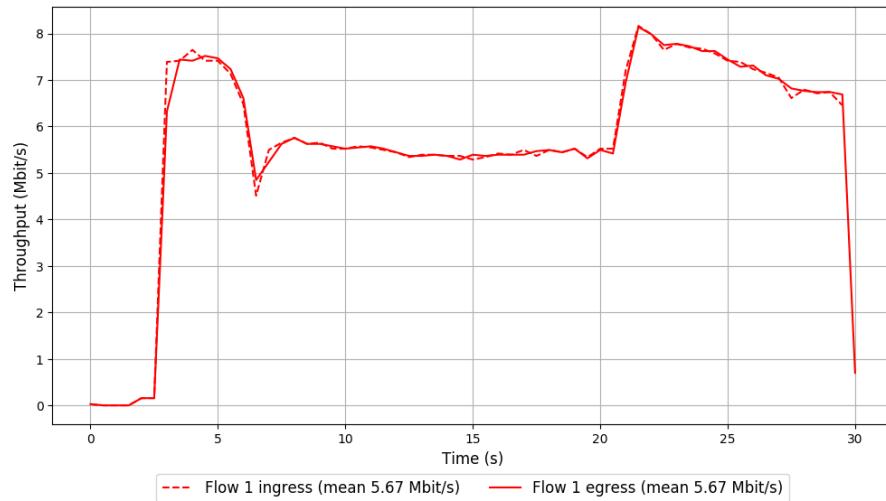


Run 3: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 03:46:07 +0000
End at: Sun, 09 Jul 2017 03:46:37 +0000
Local clock offset: 1.645 ms
Remote clock offset: 1.731 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 77.936 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 77.936 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

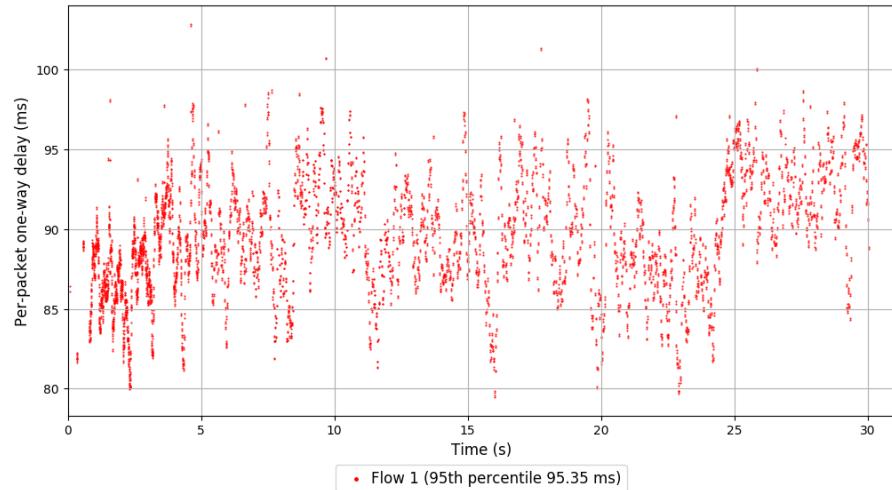
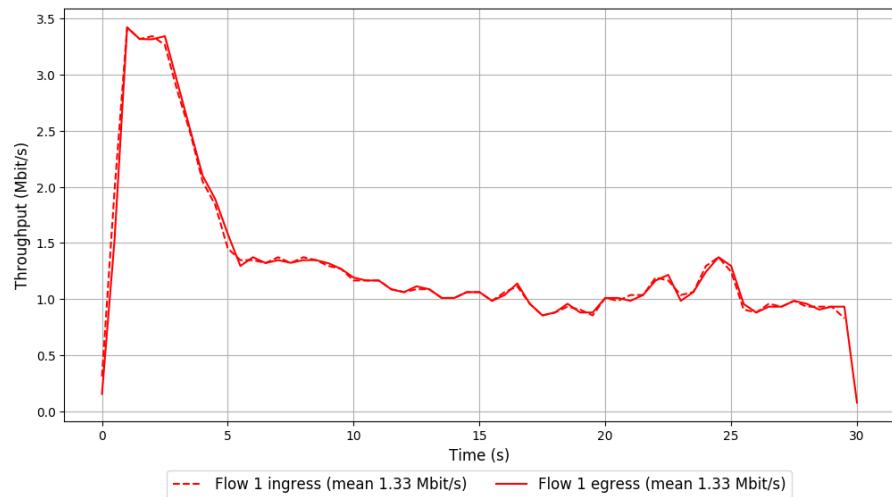


Run 4: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 04:04:34 +0000
End at: Sun, 09 Jul 2017 04:05:04 +0000
Local clock offset: 1.869 ms
Remote clock offset: 1.775 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 95.349 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 95.349 ms
Loss rate: 0.04%
```

Run 4: Report of Copa — Data Link

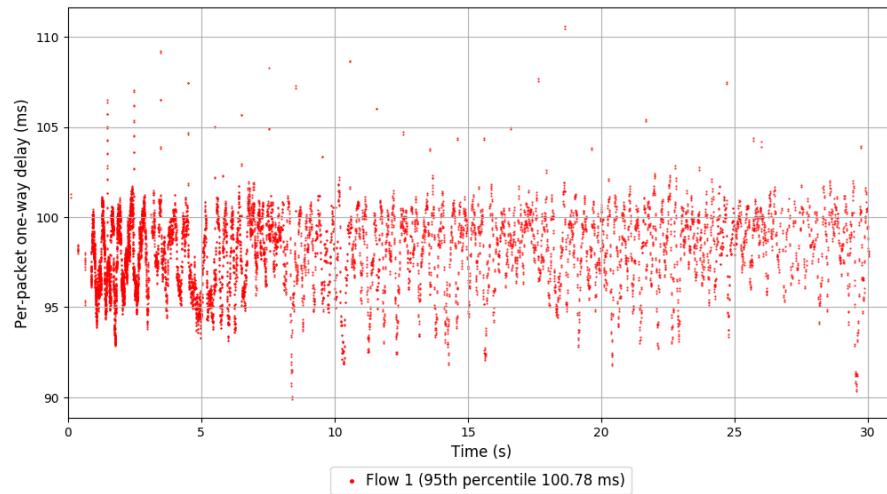
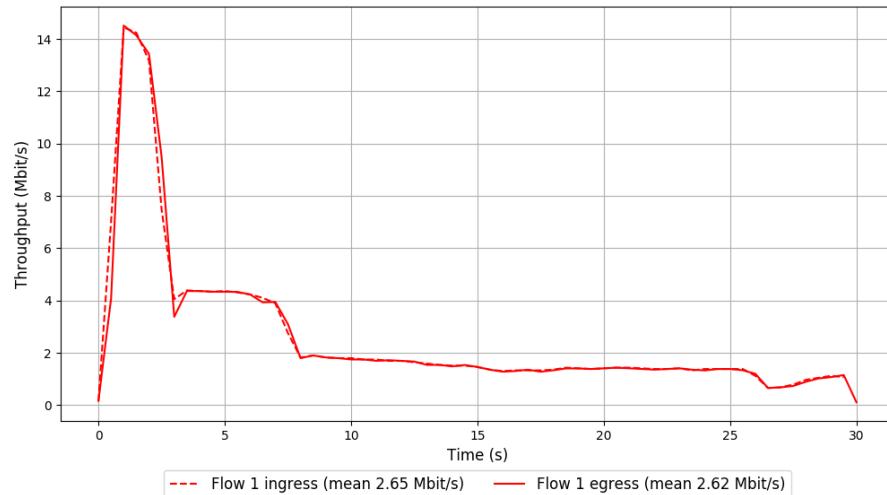


Run 5: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 04:22:46 +0000
End at: Sun, 09 Jul 2017 04:23:16 +0000
Local clock offset: 2.145 ms
Remote clock offset: 1.681 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 100.783 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 100.783 ms
Loss rate: 0.97%
```

Run 5: Report of Copa — Data Link

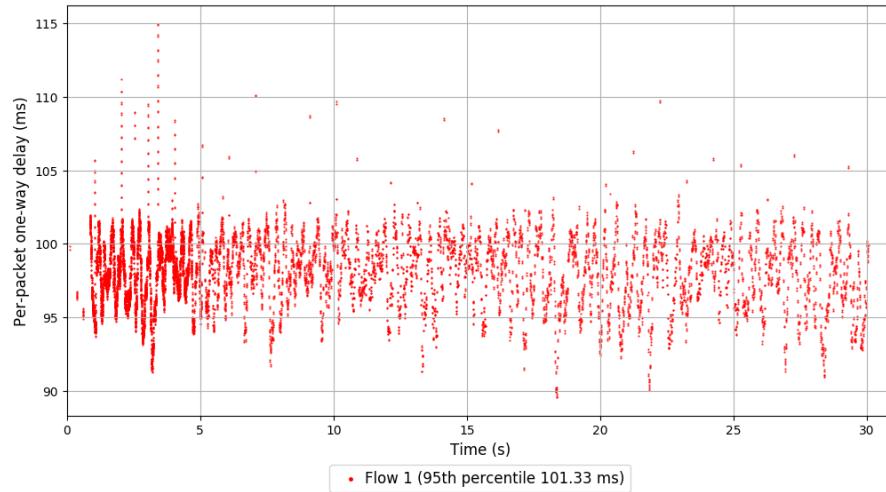
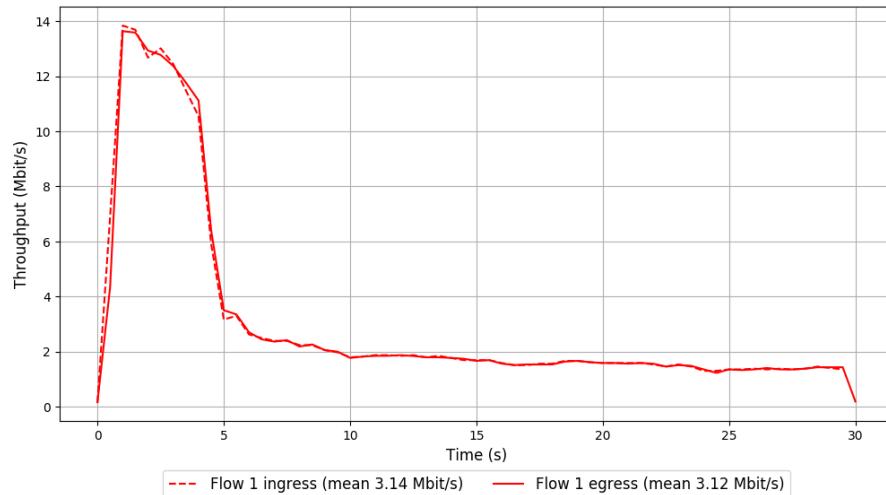


Run 6: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 04:40:44 +0000
End at: Sun, 09 Jul 2017 04:41:14 +0000
Local clock offset: 2.357 ms
Remote clock offset: 1.238 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 101.329 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 101.329 ms
Loss rate: 0.60%
```

Run 6: Report of Copa — Data Link

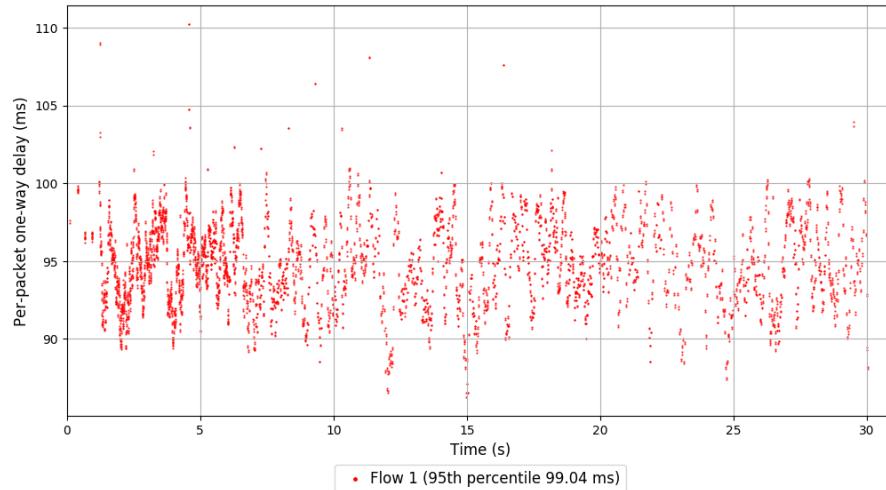
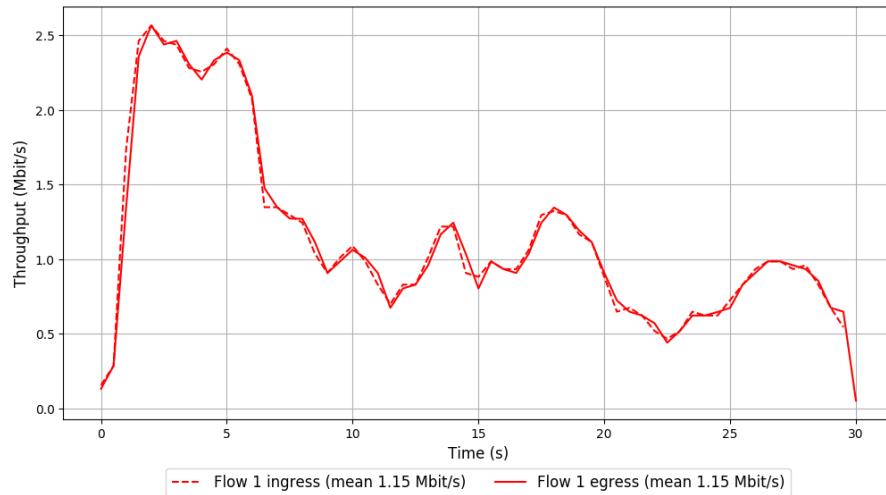


Run 7: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 04:58:56 +0000
End at: Sun, 09 Jul 2017 04:59:26 +0000
Local clock offset: 2.561 ms
Remote clock offset: 0.827 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 99.039 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 99.039 ms
Loss rate: 0.24%
```

Run 7: Report of Copa — Data Link

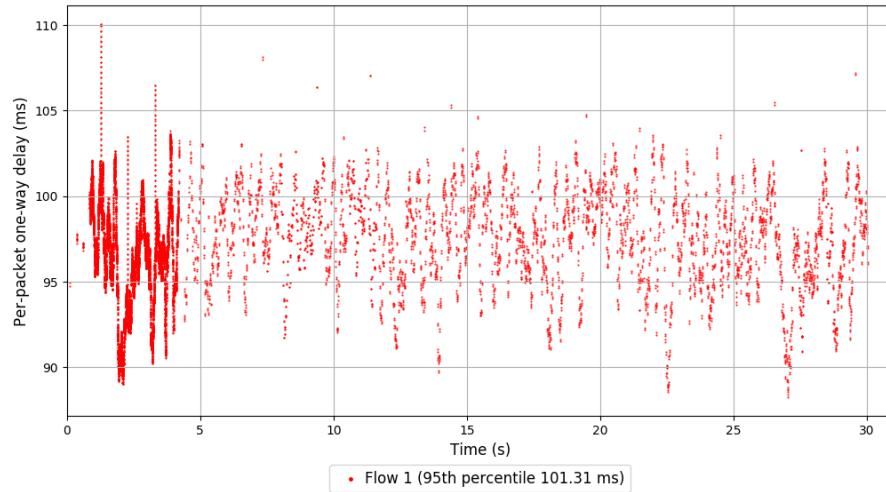
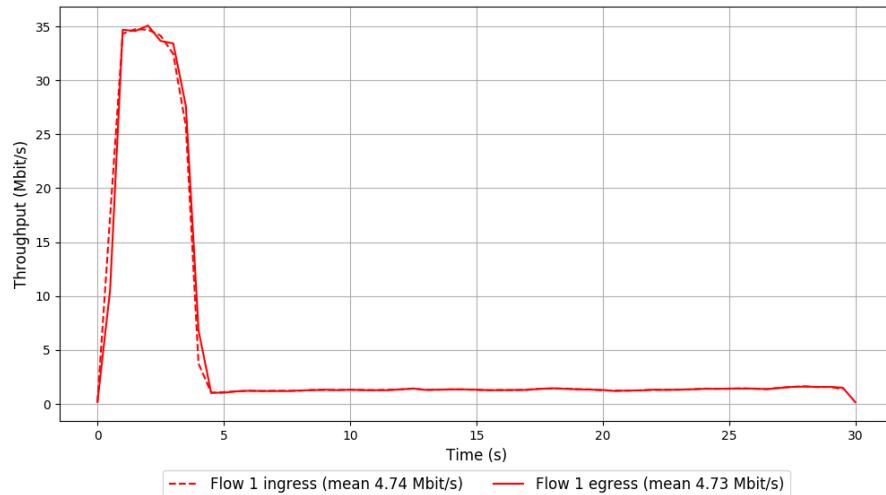


Run 8: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 05:16:53 +0000
End at: Sun, 09 Jul 2017 05:17:23 +0000
Local clock offset: 2.57 ms
Remote clock offset: 0.607 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 101.308 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 101.308 ms
Loss rate: 0.27%
```

Run 8: Report of Copa — Data Link

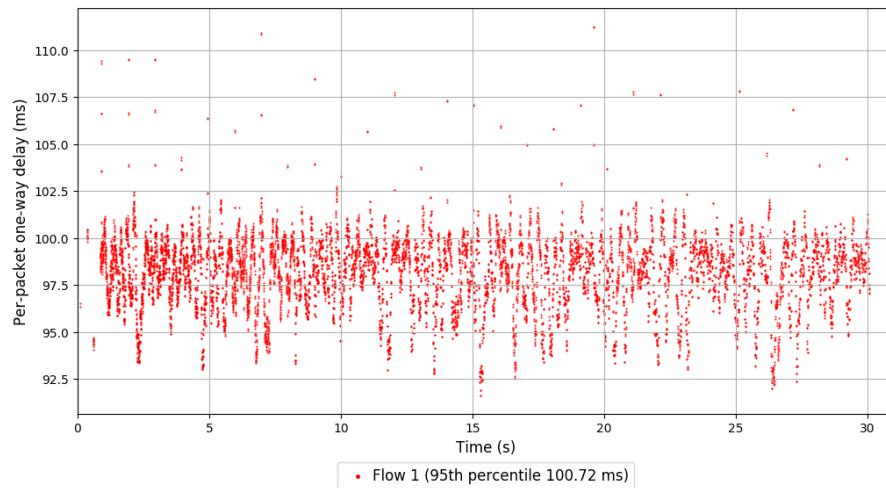
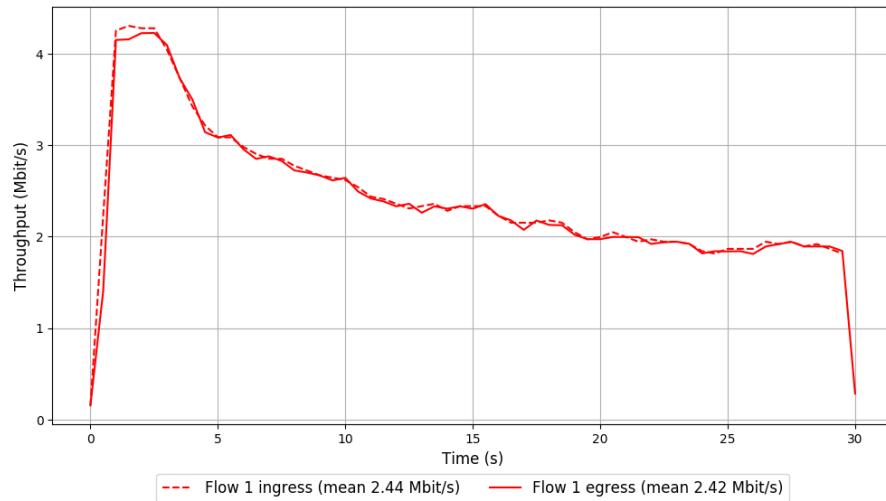


Run 9: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 05:35:12 +0000
End at: Sun, 09 Jul 2017 05:35:42 +0000
Local clock offset: 2.911 ms
Remote clock offset: 0.385 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 100.717 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 100.717 ms
Loss rate: 1.01%
```

Run 9: Report of Copa — Data Link

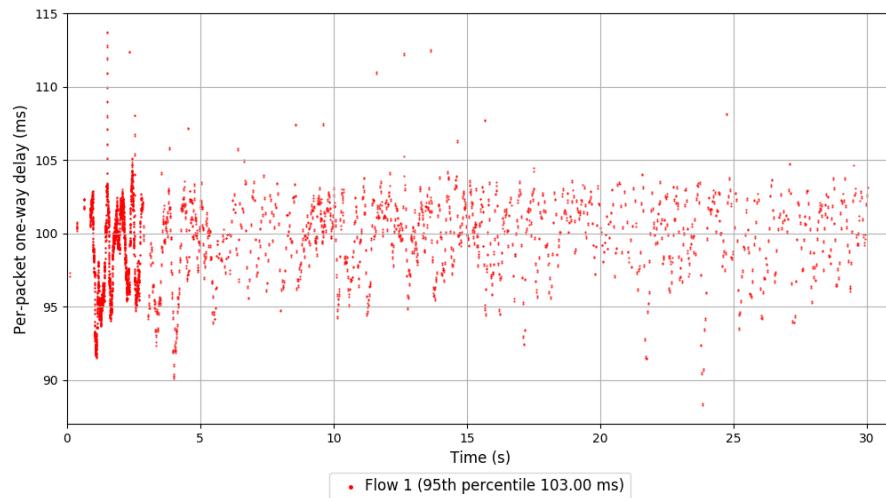
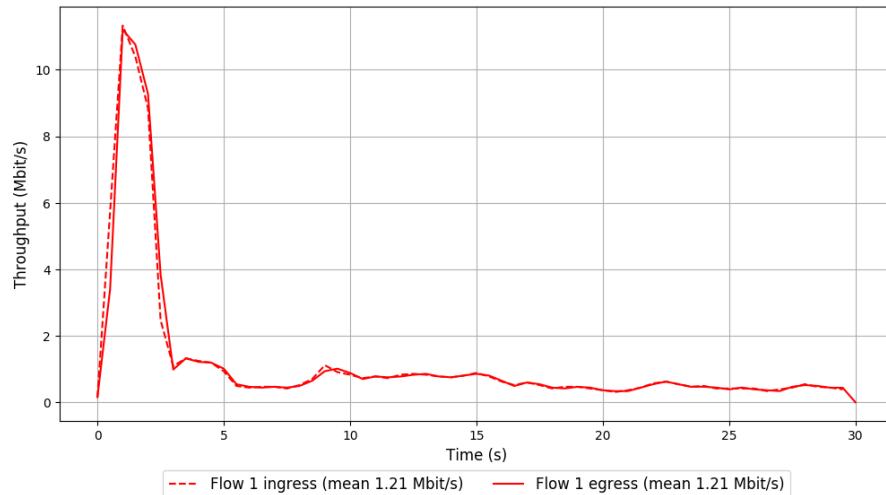


Run 10: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 05:53:21 +0000
End at: Sun, 09 Jul 2017 05:53:51 +0000
Local clock offset: 3.141 ms
Remote clock offset: 0.127 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 102.998 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 102.998 ms
Loss rate: 0.55%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Sun, 09 Jul 2017 03:05:52 +0000
```

```
End at: Sun, 09 Jul 2017 03:06:22 +0000
```

```
Local clock offset: 1.155 ms
```

```
Remote clock offset: 0.891 ms
```

```
# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:17 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 7.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 79.758 ms
```

```
Loss rate: 0.54%
```

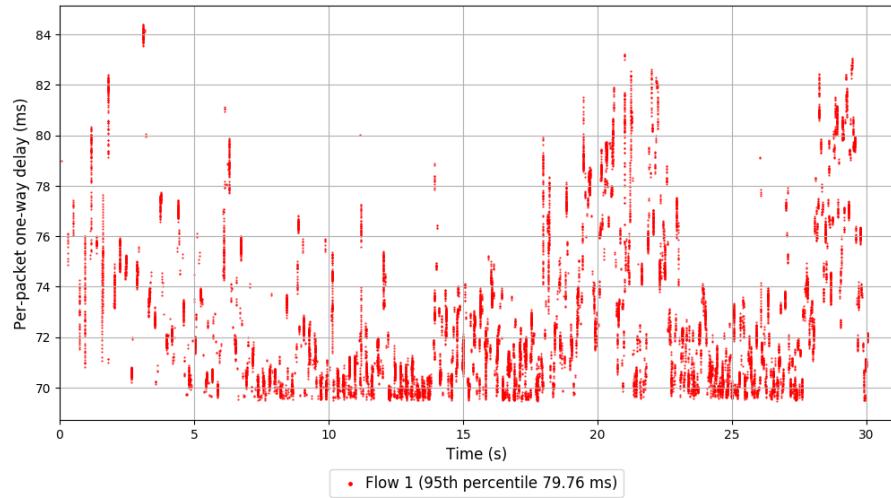
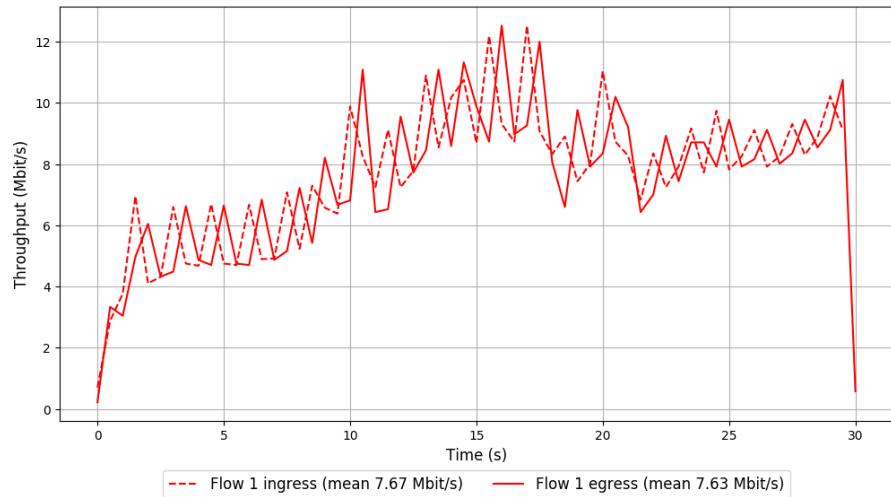
```
-- Flow 1:
```

```
Average throughput: 7.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 79.758 ms
```

```
Loss rate: 0.54%
```

Run 1: Report of TCP Cubic — Data Link

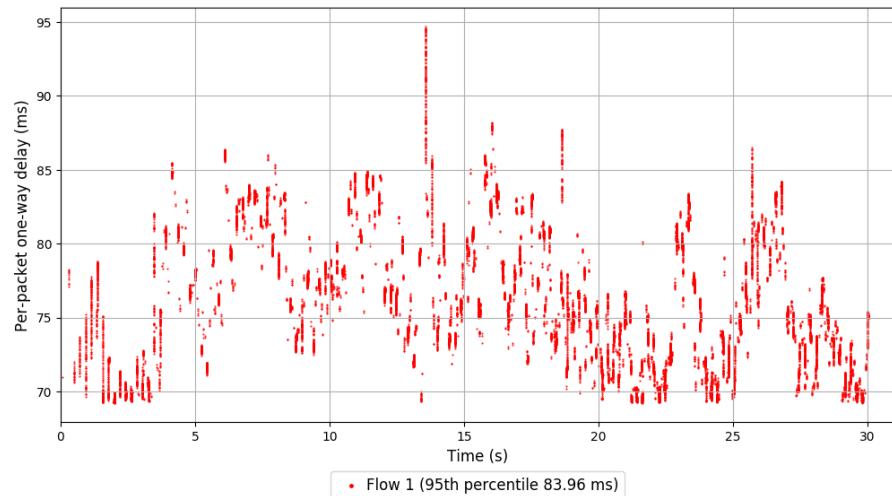
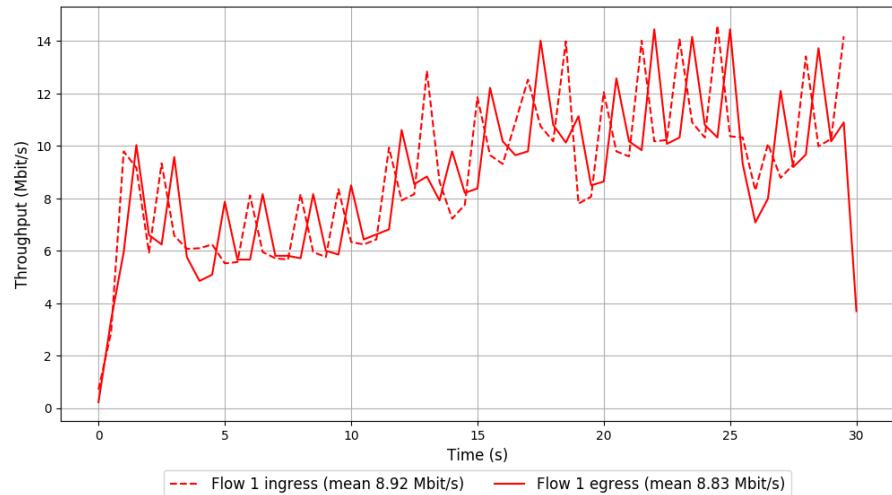


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 03:23:48 +0000
End at: Sun, 09 Jul 2017 03:24:18 +0000
Local clock offset: 1.597 ms
Remote clock offset: 1.308 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 83.963 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 83.963 ms
Loss rate: 1.07%
```

Run 2: Report of TCP Cubic — Data Link

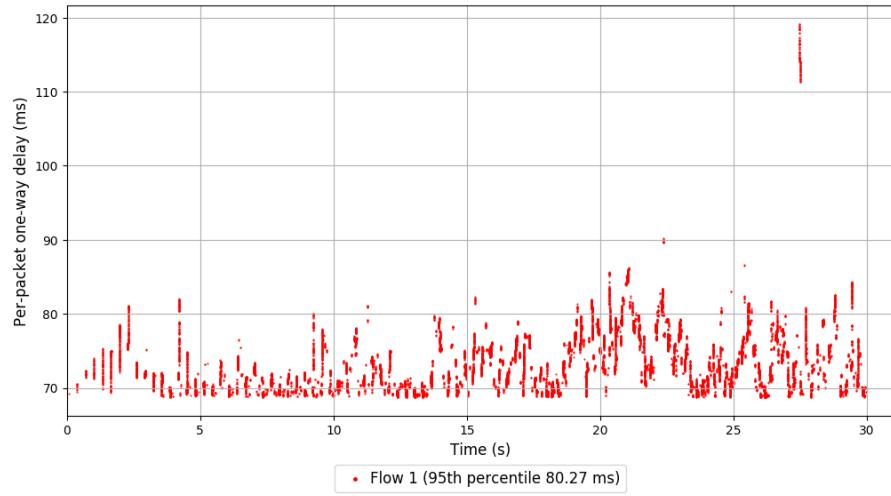
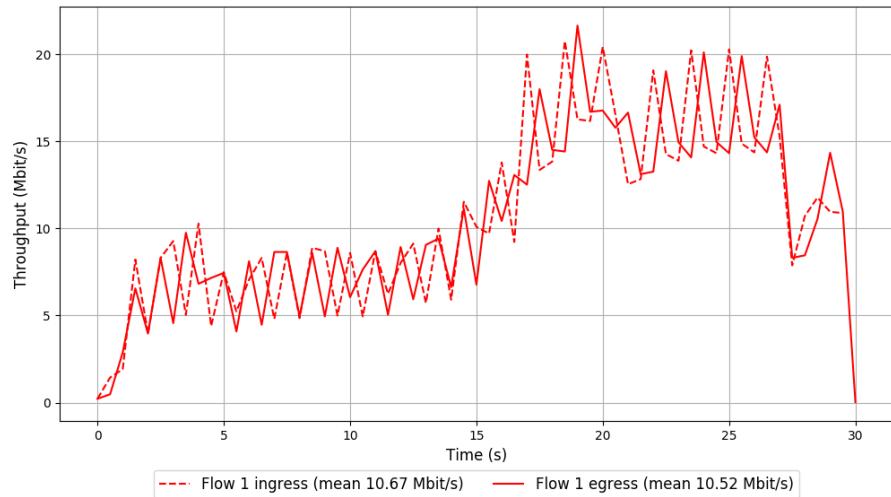


Run 3: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 03:42:41 +0000
End at: Sun, 09 Jul 2017 03:43:11 +0000
Local clock offset: 2.636 ms
Remote clock offset: 1.813 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 80.274 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 80.274 ms
Loss rate: 1.34%
```

Run 3: Report of TCP Cubic — Data Link

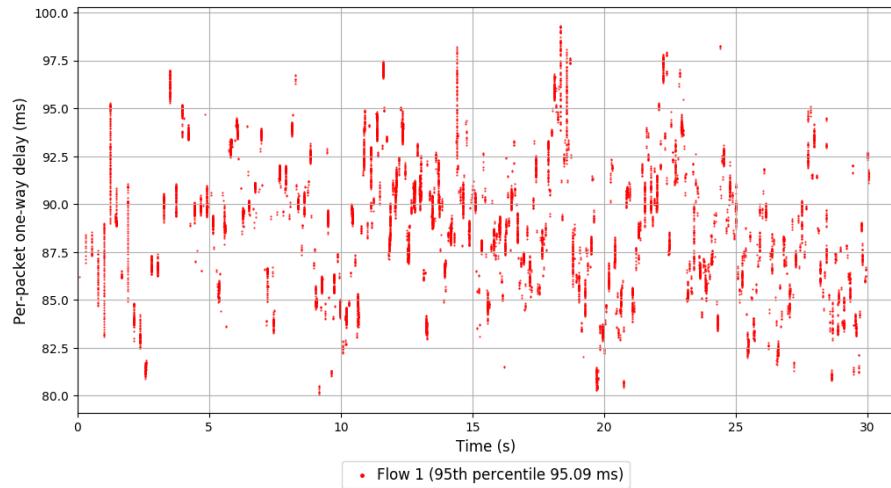
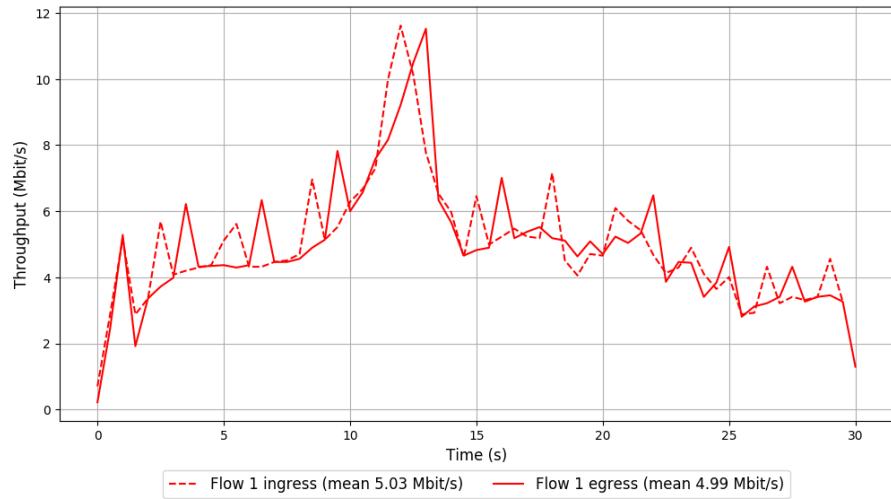


Run 4: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 04:02:12 +0000
End at: Sun, 09 Jul 2017 04:02:42 +0000
Local clock offset: 1.727 ms
Remote clock offset: 1.784 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 95.093 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 95.093 ms
Loss rate: 0.75%
```

Run 4: Report of TCP Cubic — Data Link

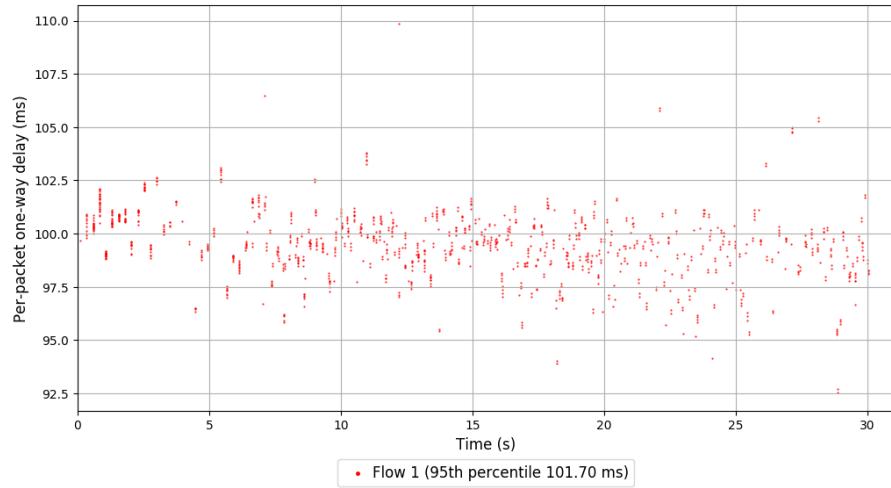
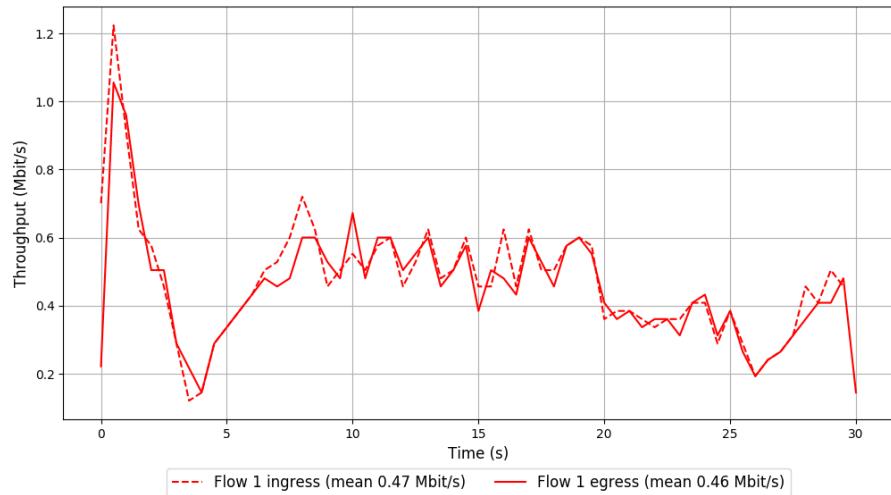


Run 5: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 04:20:24 +0000
End at: Sun, 09 Jul 2017 04:20:54 +0000
Local clock offset: 3.348 ms
Remote clock offset: 1.78 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 101.700 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 101.700 ms
Loss rate: 3.30%
```

Run 5: Report of TCP Cubic — Data Link

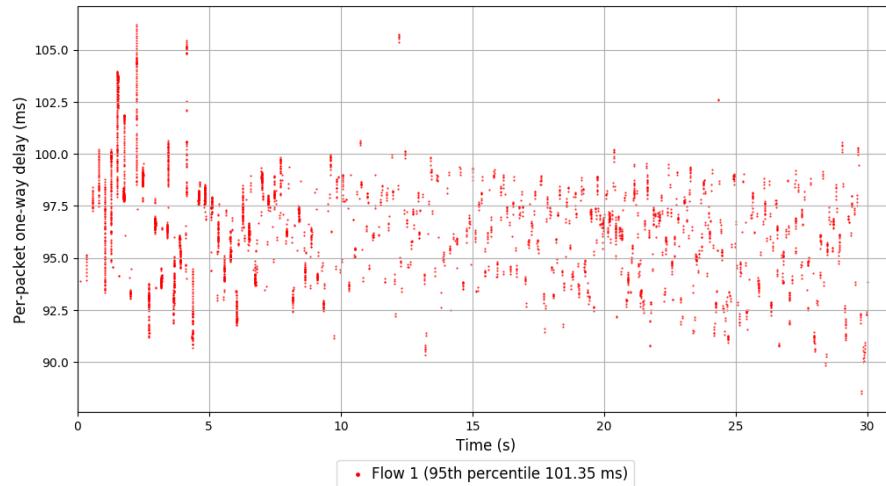
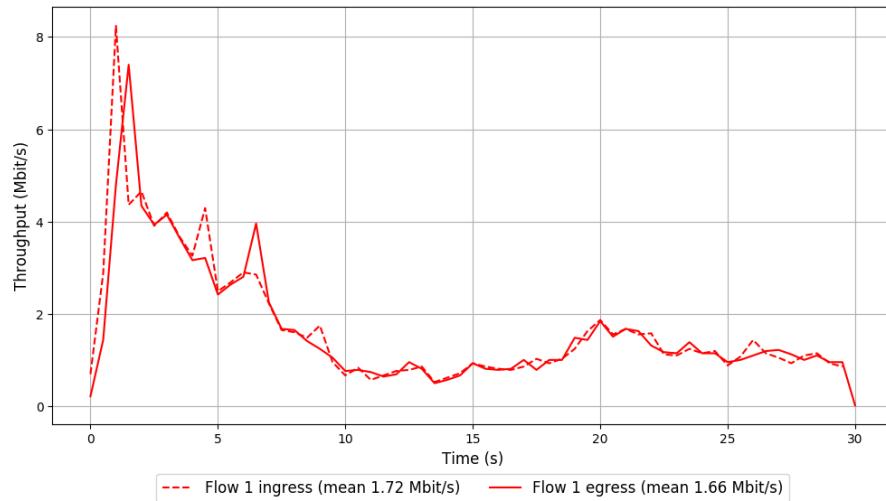


Run 6: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 04:38:21 +0000
End at: Sun, 09 Jul 2017 04:38:51 +0000
Local clock offset: 2.316 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 101.352 ms
Loss rate: 3.20%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 101.352 ms
Loss rate: 3.20%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 04:56:29 +0000

End at: Sun, 09 Jul 2017 04:56:59 +0000

Local clock offset: 2.43 ms

Remote clock offset: 0.907 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 101.876 ms

Loss rate: 1.06%

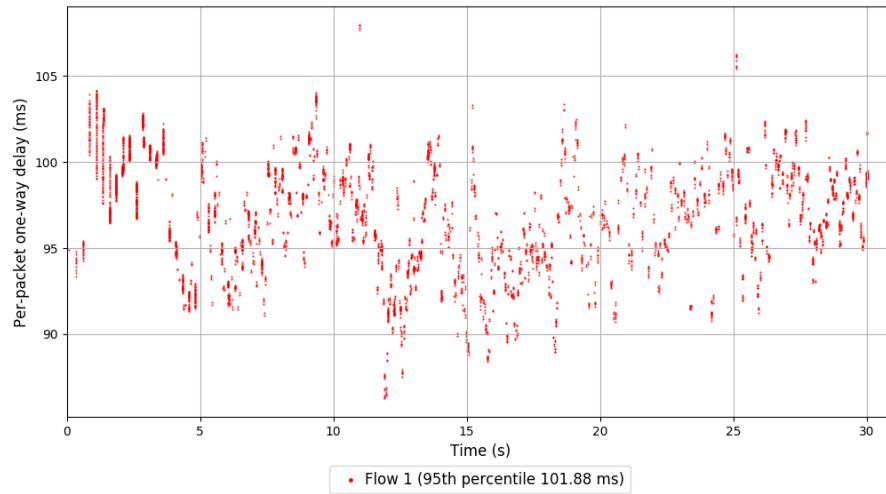
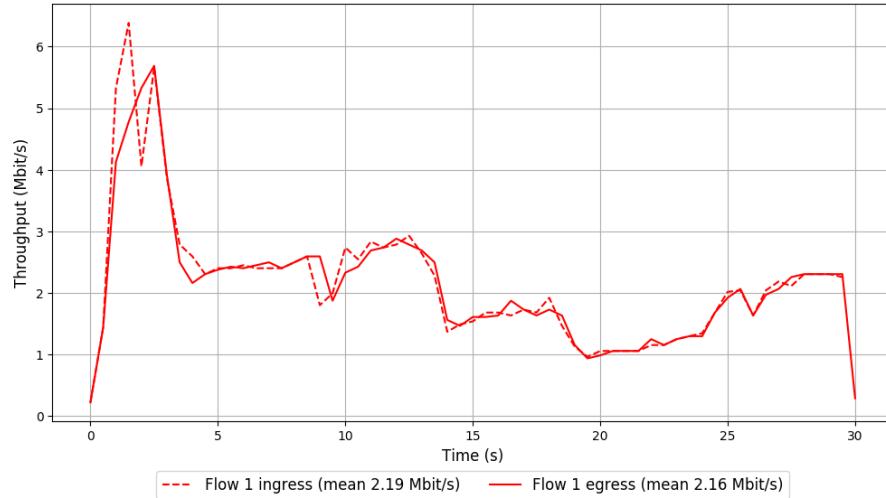
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 101.876 ms

Loss rate: 1.06%

Run 7: Report of TCP Cubic — Data Link

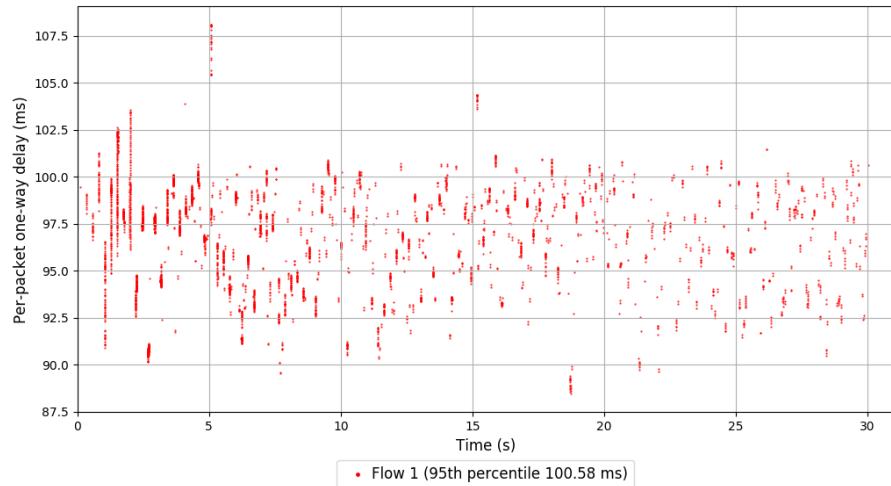
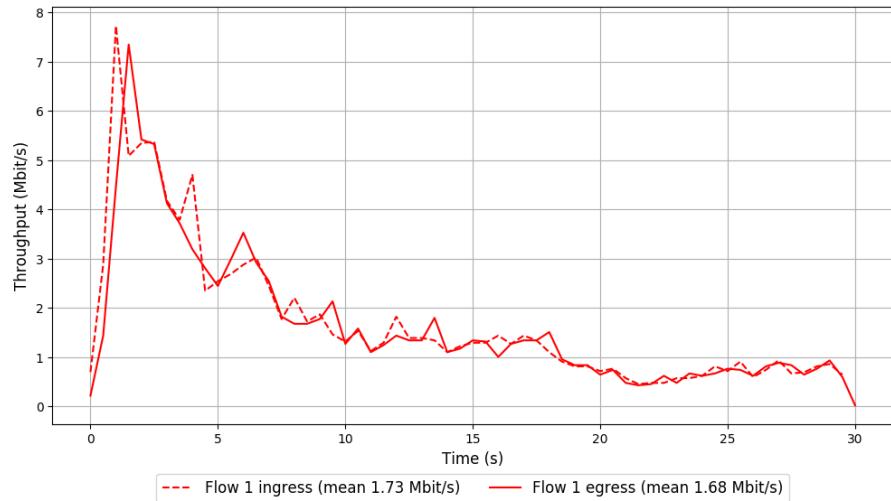


Run 8: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 05:14:33 +0000
End at: Sun, 09 Jul 2017 05:15:03 +0000
Local clock offset: 3.763 ms
Remote clock offset: 0.614 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 100.579 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 100.579 ms
Loss rate: 3.35%
```

Run 8: Report of TCP Cubic — Data Link

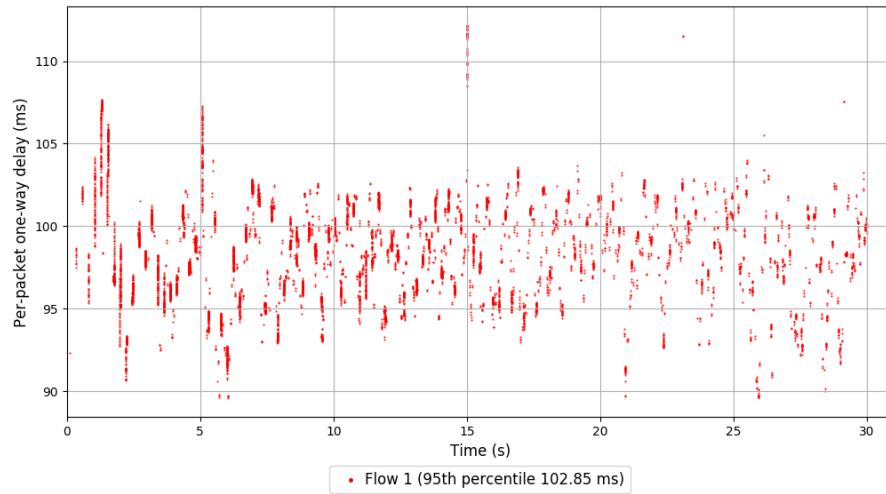
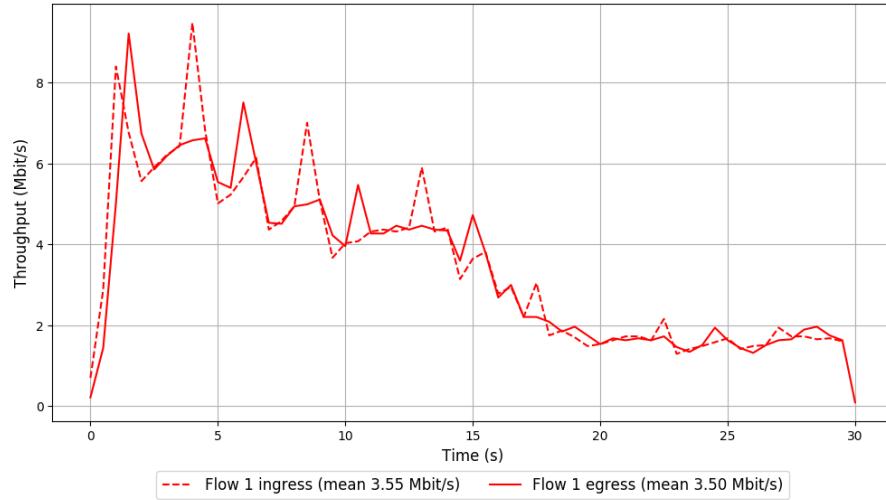


Run 9: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 05:32:50 +0000
End at: Sun, 09 Jul 2017 05:33:20 +0000
Local clock offset: 2.655 ms
Remote clock offset: 0.426 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 102.849 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 102.849 ms
Loss rate: 1.14%
```

Run 9: Report of TCP Cubic — Data Link

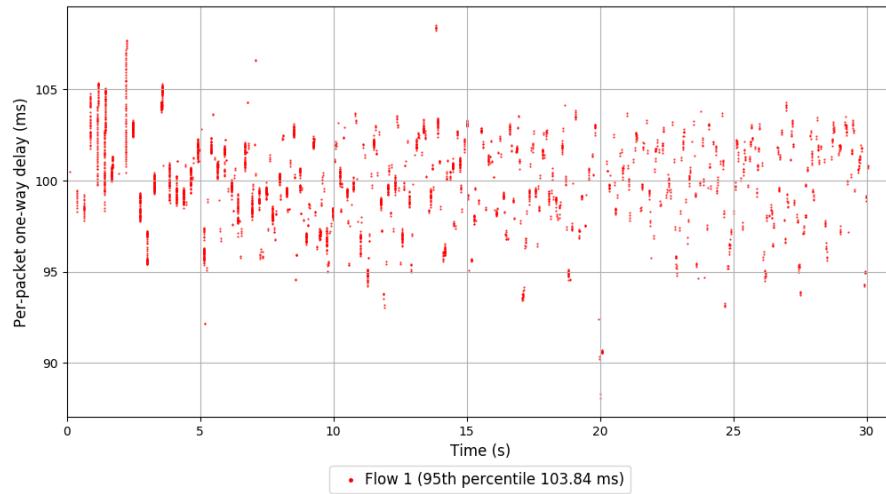
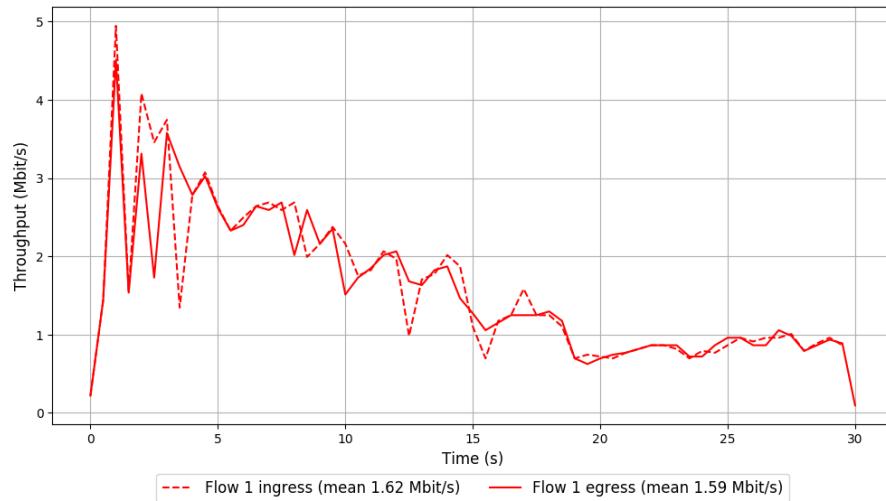


```
Run 10: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 05:50:57 +0000
End at: Sun, 09 Jul 2017 05:51:27 +0000
Local clock offset: 3.089 ms
Remote clock offset: 0.198 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 103.843 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 103.843 ms
Loss rate: 1.70%
```

Run 10: Report of TCP Cubic — Data Link

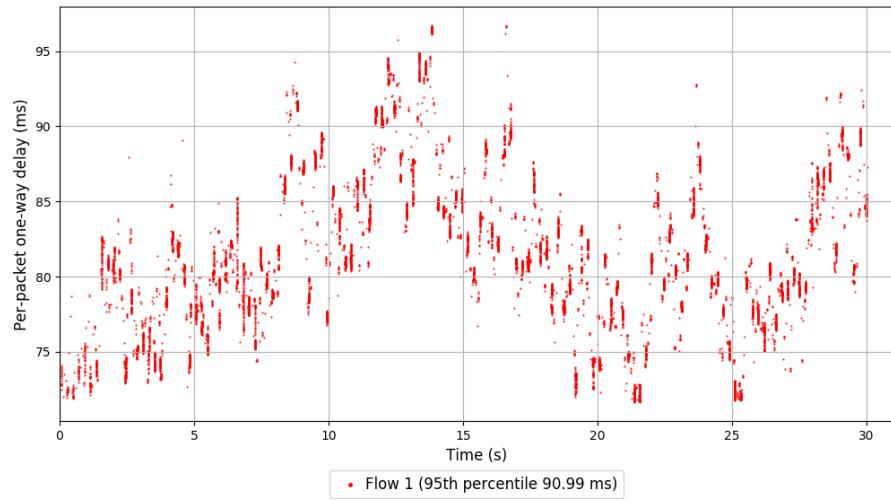
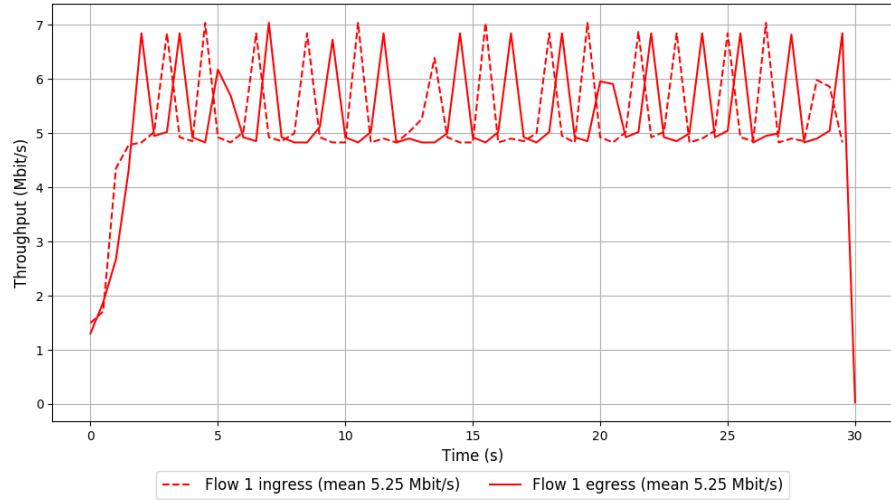


```
Run 1: Statistics of KohoCC
```

```
Start at: Sun, 09 Jul 2017 03:11:50 +0000
End at: Sun, 09 Jul 2017 03:12:20 +0000
Local clock offset: 1.384 ms
Remote clock offset: 1.006 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.25 Mbit/s
95th percentile per-packet one-way delay: 90.989 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.25 Mbit/s
95th percentile per-packet one-way delay: 90.989 ms
Loss rate: 0.01%
```

Run 1: Report of KohoCC — Data Link

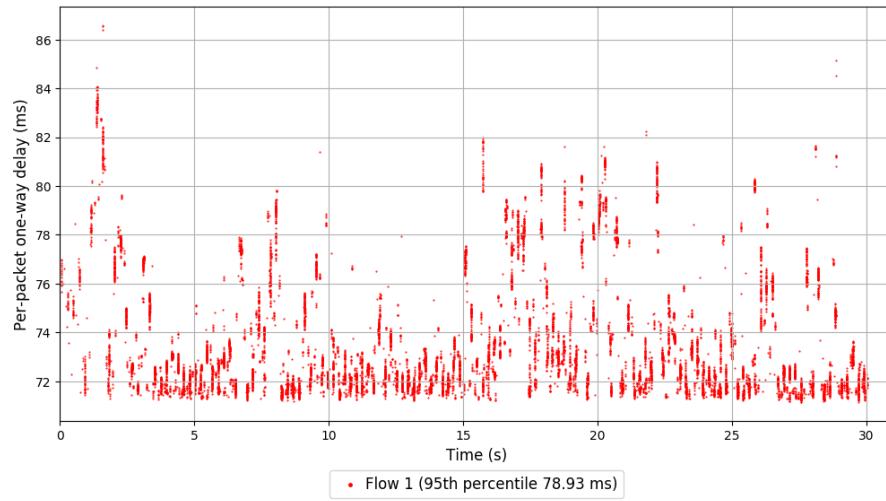
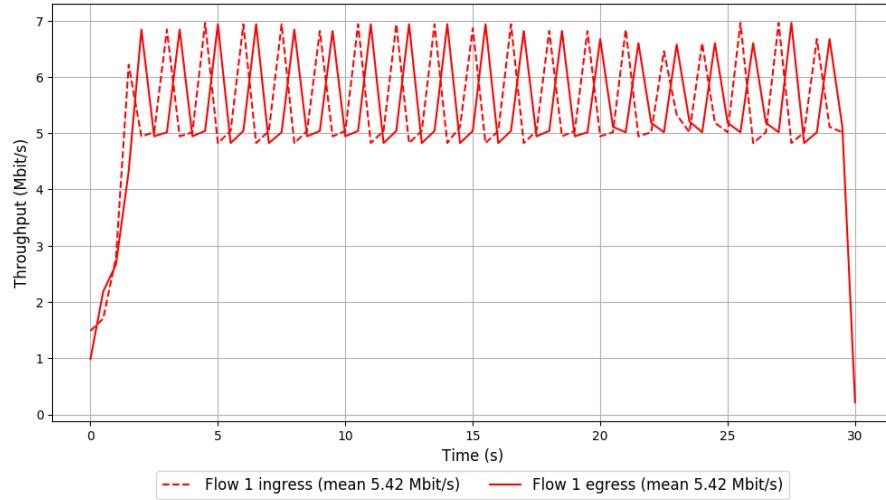


Run 2: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 03:29:51 +0000
End at: Sun, 09 Jul 2017 03:30:21 +0000
Local clock offset: 2.643 ms
Remote clock offset: 1.462 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 78.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 78.934 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

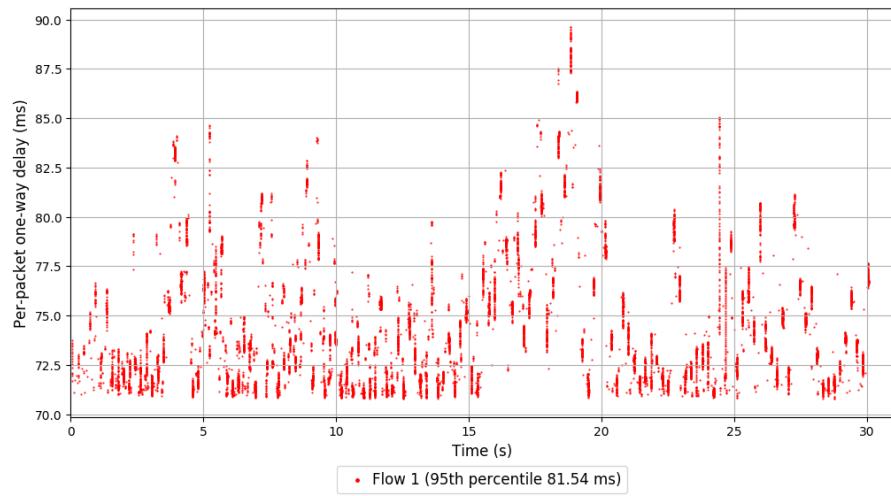
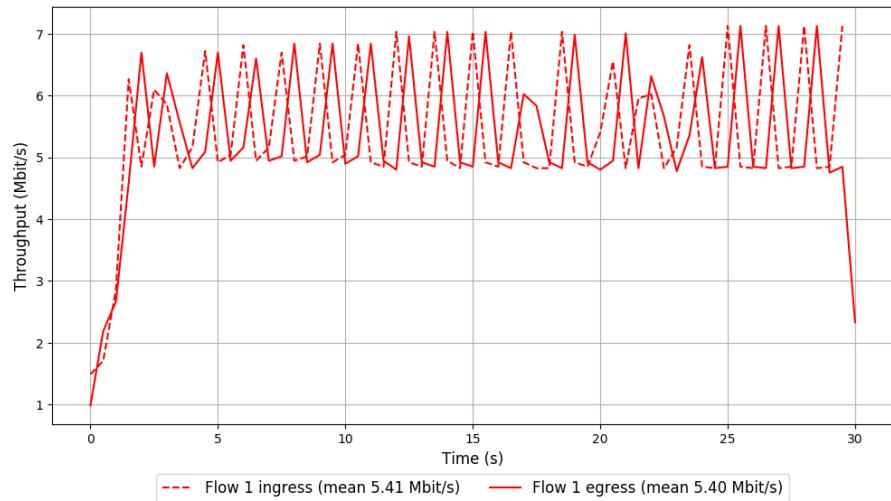


Run 3: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 03:50:12 +0000
End at: Sun, 09 Jul 2017 03:50:42 +0000
Local clock offset: 2.817 ms
Remote clock offset: 1.938 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.40 Mbit/s
95th percentile per-packet one-way delay: 81.542 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 5.40 Mbit/s
95th percentile per-packet one-way delay: 81.542 ms
Loss rate: 0.18%
```

Run 3: Report of KohoCC — Data Link

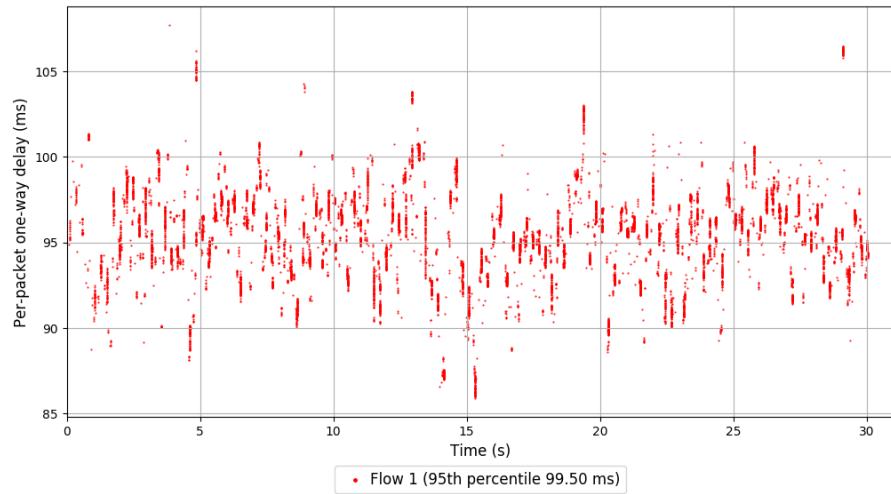
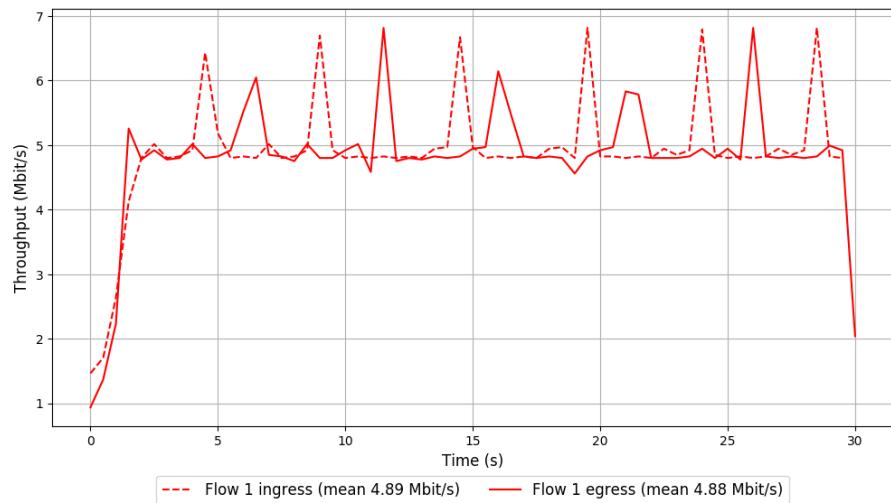


Run 4: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 04:08:14 +0000
End at: Sun, 09 Jul 2017 04:08:44 +0000
Local clock offset: 3.203 ms
Remote clock offset: 1.778 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 99.505 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 99.505 ms
Loss rate: 0.20%
```

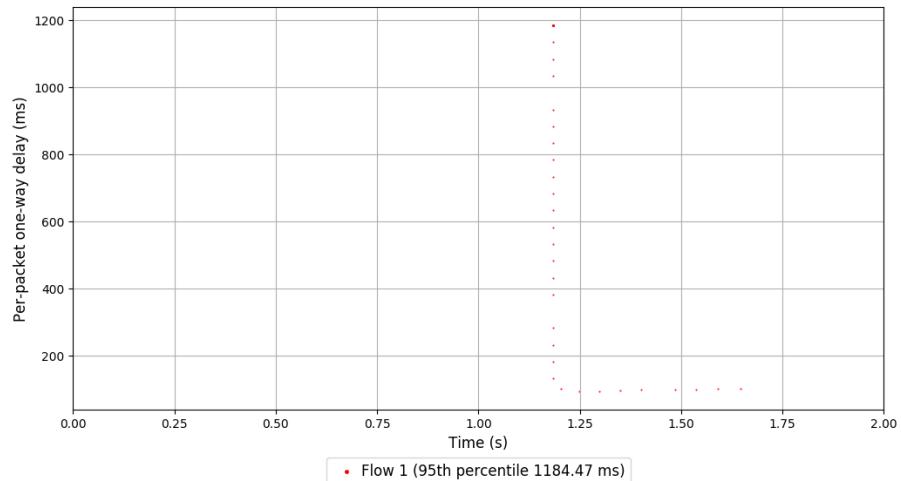
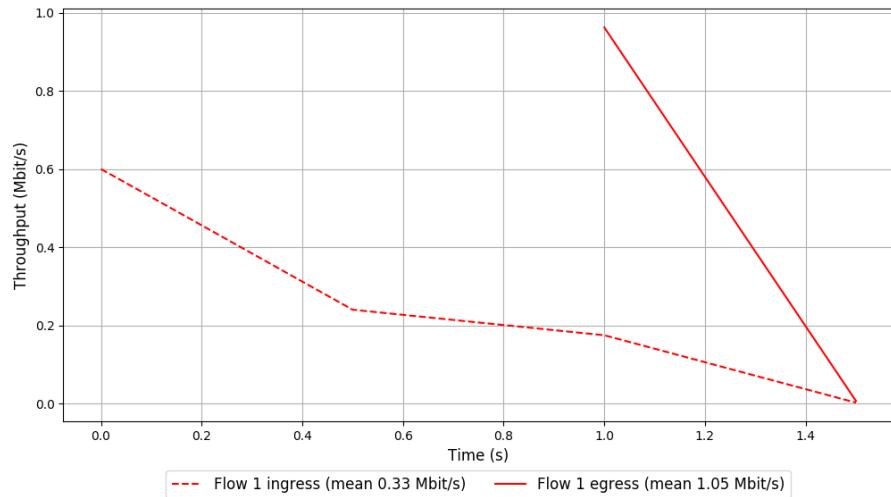
Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 04:26:22 +0000
End at: Sun, 09 Jul 2017 04:26:52 +0000
Local clock offset: 3.296 ms
Remote clock offset: 1.672 ms

Run 5: Report of KohoCC — Data Link

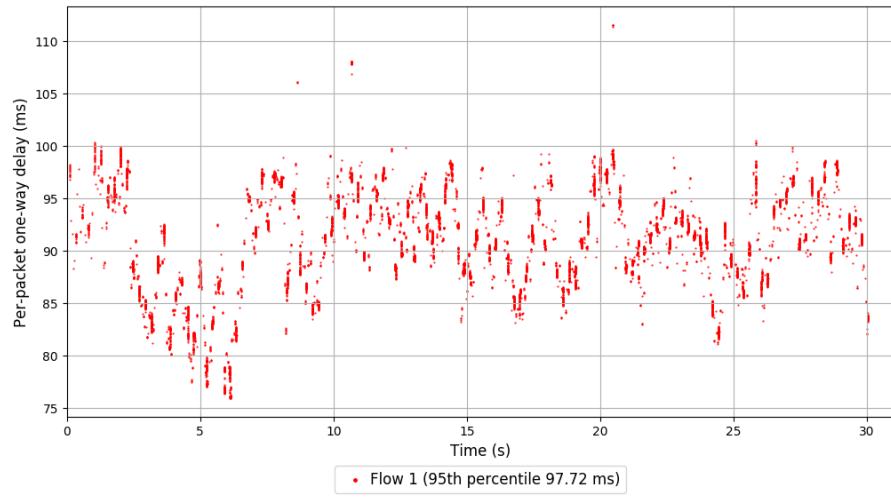
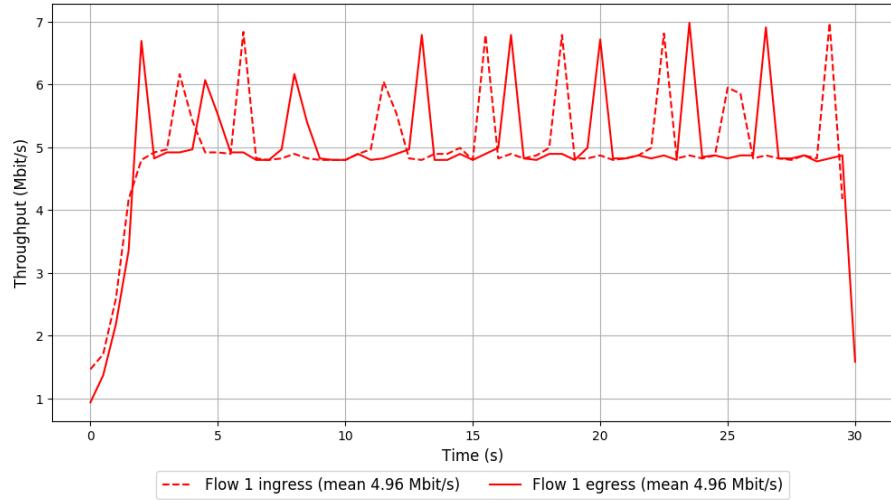


Run 6: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 04:44:29 +0000
End at: Sun, 09 Jul 2017 04:44:59 +0000
Local clock offset: 2.32 ms
Remote clock offset: 1.153 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 97.722 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 97.722 ms
Loss rate: 0.06%
```

Run 6: Report of KohoCC — Data Link

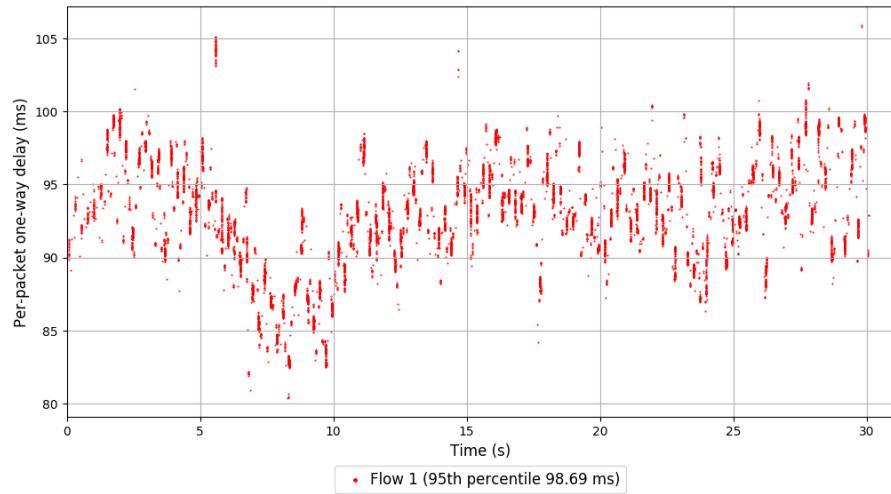
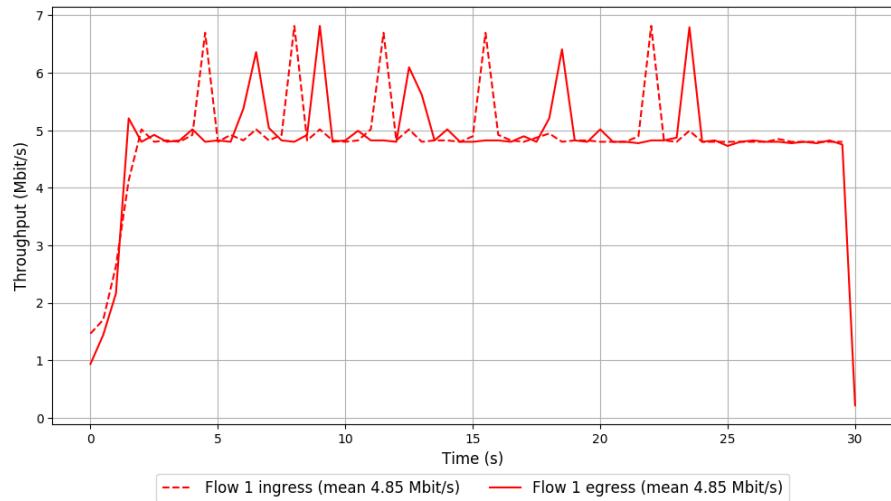


Run 7: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 05:02:34 +0000
End at: Sun, 09 Jul 2017 05:03:04 +0000
Local clock offset: 3.63 ms
Remote clock offset: 0.823 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 98.695 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 98.695 ms
Loss rate: 0.10%
```

Run 7: Report of KohoCC — Data Link

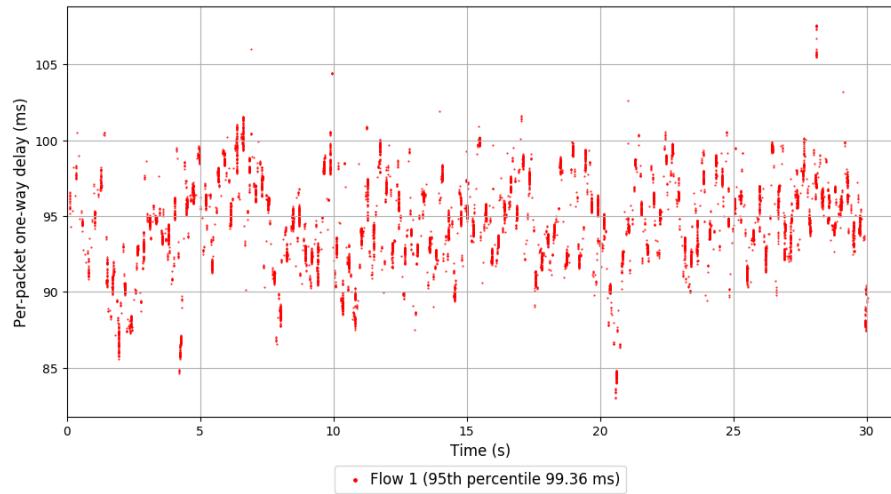
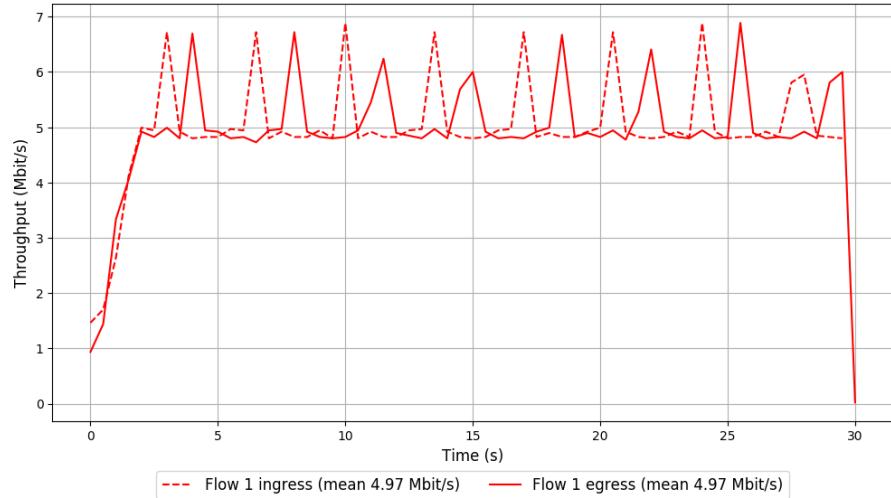


Run 8: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 05:20:35 +0000
End at: Sun, 09 Jul 2017 05:21:05 +0000
Local clock offset: 2.683 ms
Remote clock offset: 0.587 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 99.355 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 99.355 ms
Loss rate: 0.11%
```

Run 8: Report of KohoCC — Data Link

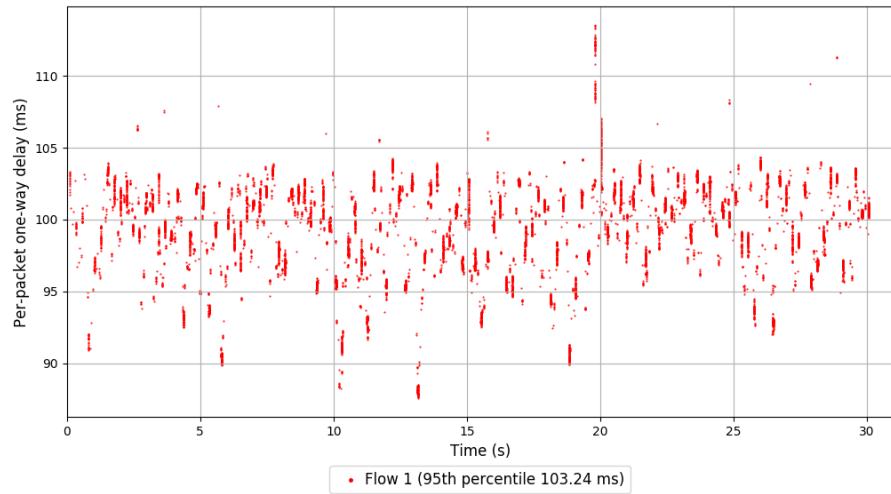
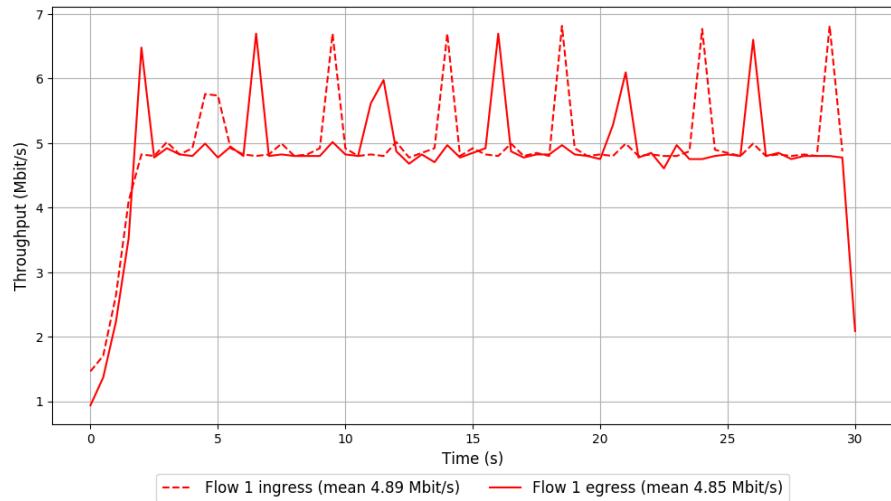


Run 9: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 05:38:55 +0000
End at: Sun, 09 Jul 2017 05:39:25 +0000
Local clock offset: 2.944 ms
Remote clock offset: 0.354 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 103.239 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 103.239 ms
Loss rate: 0.70%
```

Run 9: Report of KohoCC — Data Link

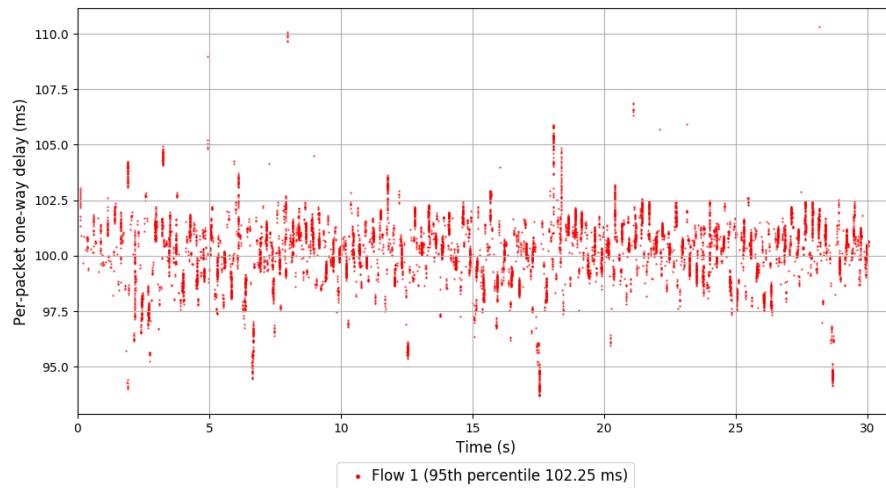
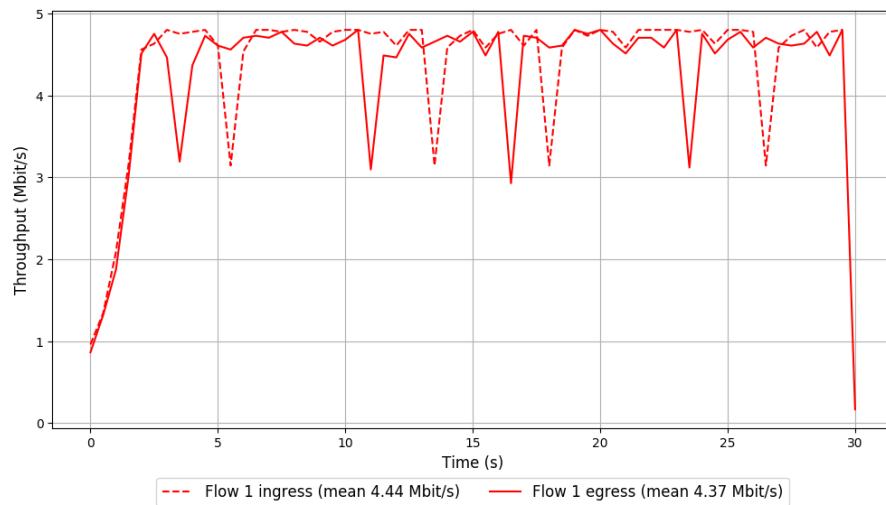


Run 10: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 05:57:00 +0000
End at: Sun, 09 Jul 2017 05:57:30 +0000
Local clock offset: 3.117 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 102.248 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 102.248 ms
Loss rate: 1.71%
```

Run 10: Report of KohoCC — Data Link

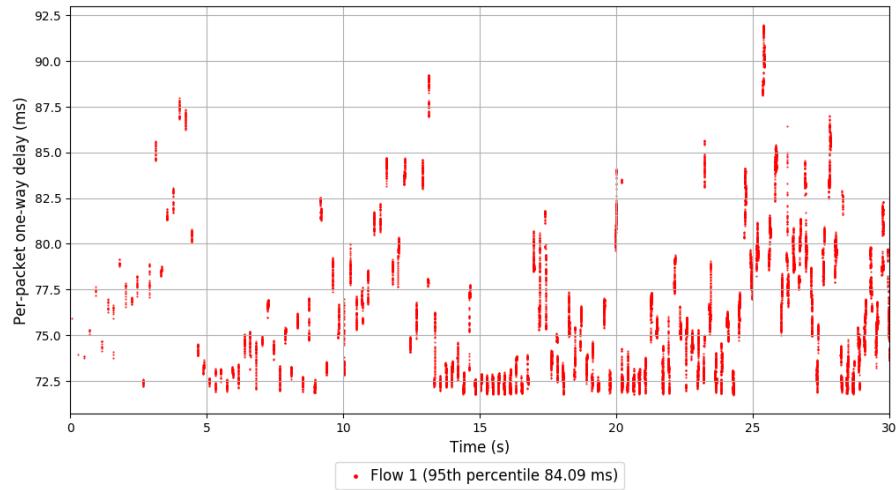
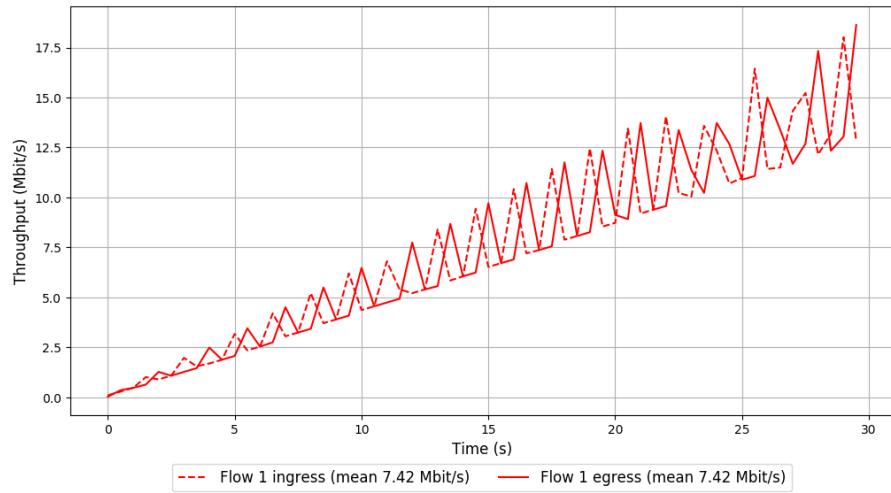


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sun, 09 Jul 2017 02:58:31 +0000
End at: Sun, 09 Jul 2017 02:59:01 +0000
Local clock offset: 1.25 ms
Remote clock offset: 0.559 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 84.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 84.092 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

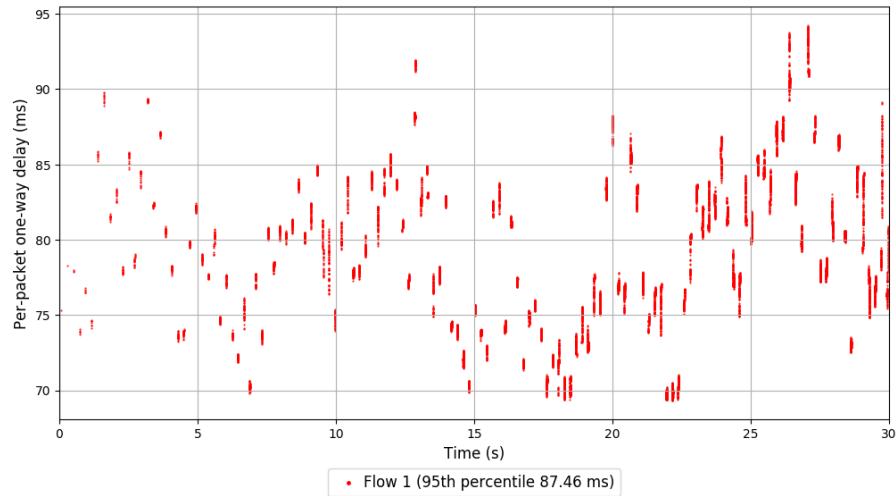
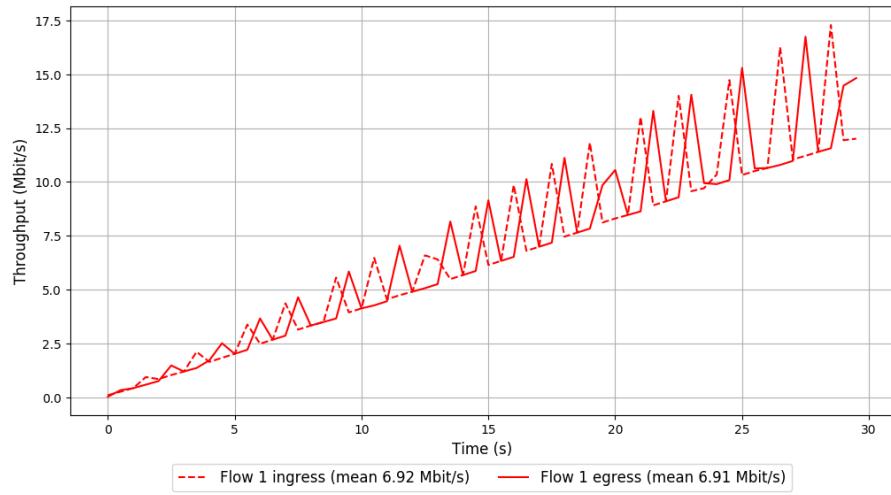


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 03:16:35 +0000
End at: Sun, 09 Jul 2017 03:17:05 +0000
Local clock offset: 2.774 ms
Remote clock offset: 1.074 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.91 Mbit/s
95th percentile per-packet one-way delay: 87.456 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 6.91 Mbit/s
95th percentile per-packet one-way delay: 87.456 ms
Loss rate: 0.09%
```

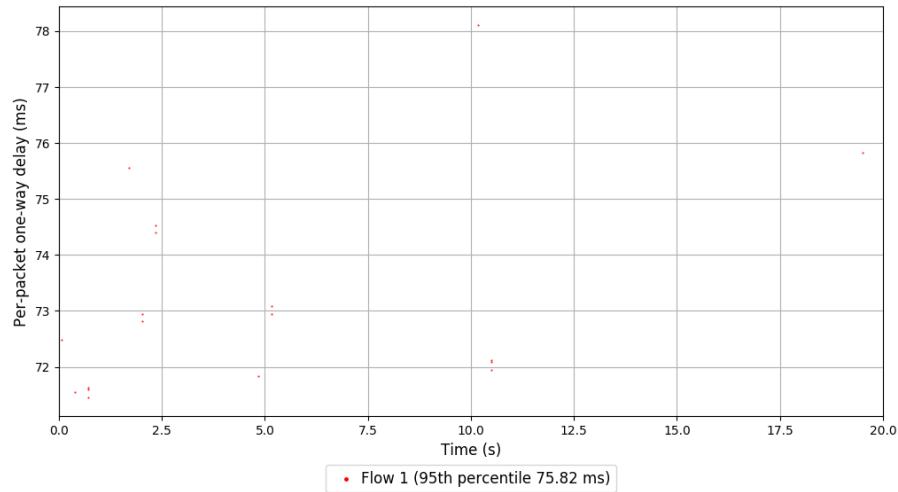
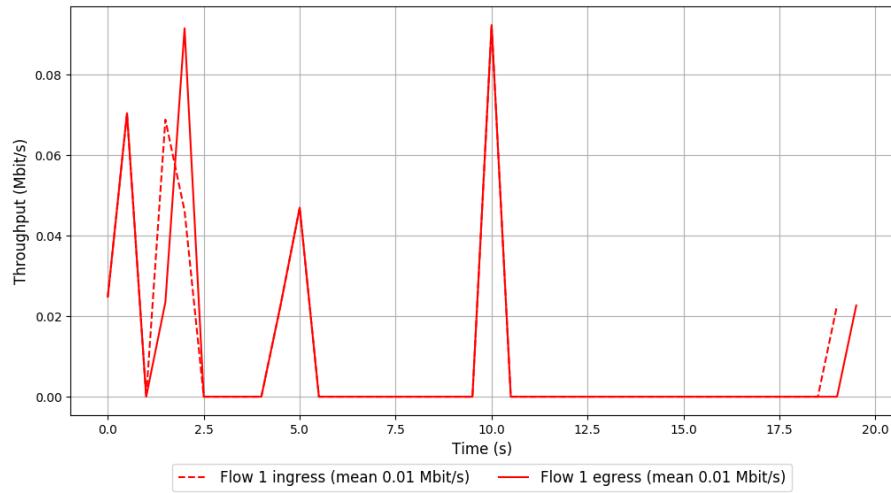
Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 03:34:39 +0000
End at: Sun, 09 Jul 2017 03:35:09 +0000
Local clock offset: 2.986 ms
Remote clock offset: -7.645 ms

Run 3: Report of LEDBAT — Data Link

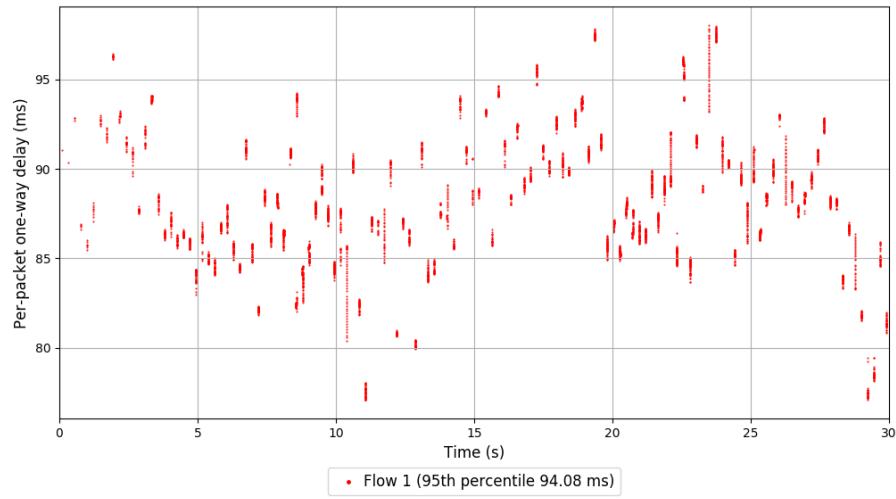
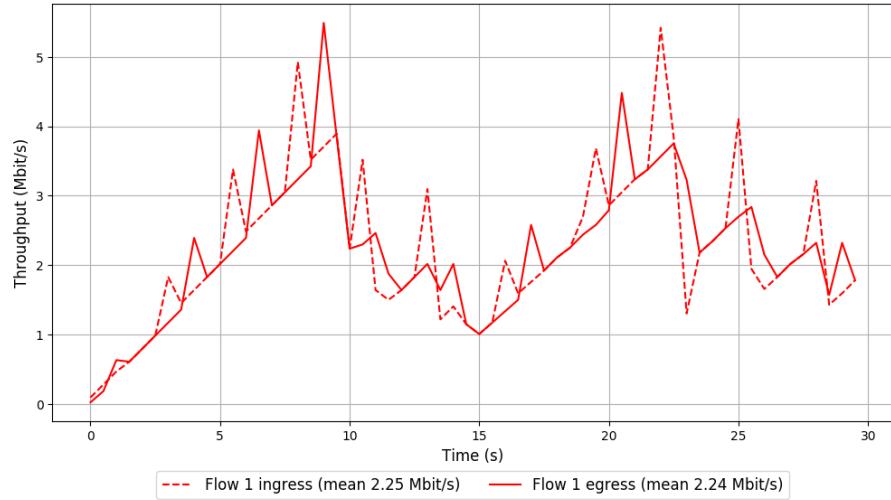


Run 4: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 03:54:56 +0000
End at: Sun, 09 Jul 2017 03:55:26 +0000
Local clock offset: 2.79 ms
Remote clock offset: 1.883 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 94.077 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 94.077 ms
Loss rate: 0.14%
```

Run 4: Report of LEDBAT — Data Link

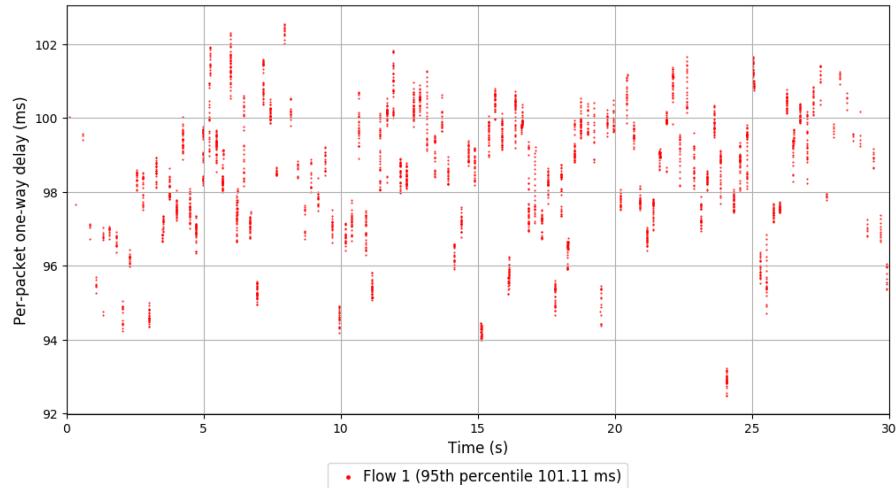
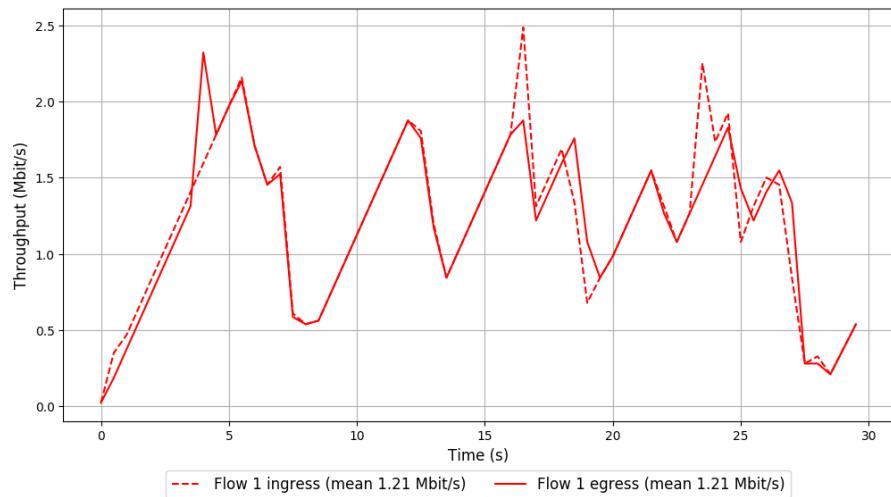


Run 5: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 04:13:04 +0000
End at: Sun, 09 Jul 2017 04:13:34 +0000
Local clock offset: 2.064 ms
Remote clock offset: 1.708 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 101.114 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 101.114 ms
Loss rate: 0.78%
```

Run 5: Report of LEDBAT — Data Link

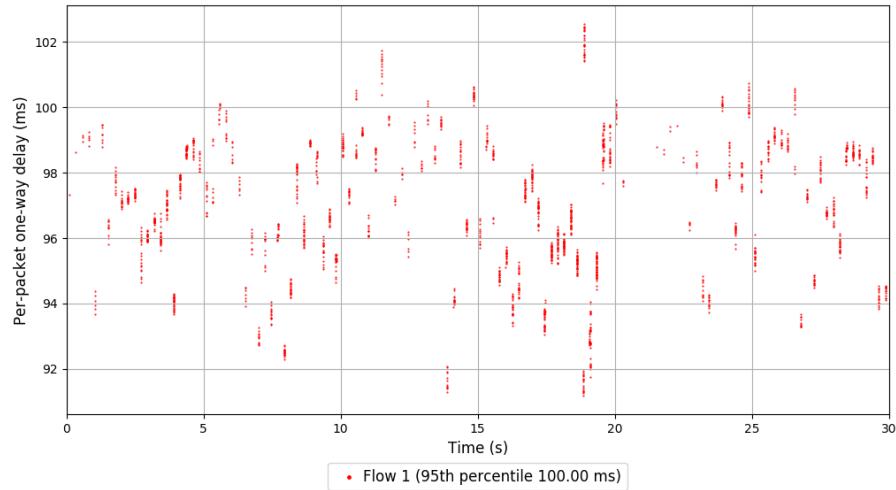
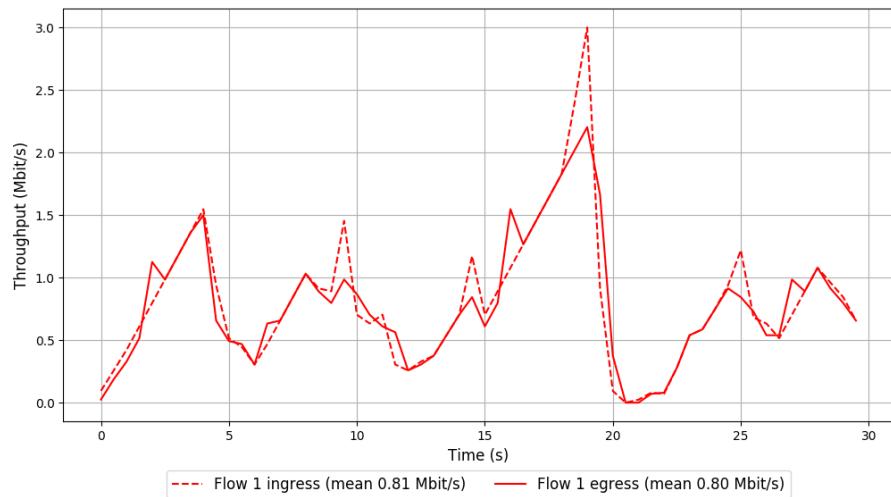


Run 6: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 04:31:06 +0000
End at: Sun, 09 Jul 2017 04:31:36 +0000
Local clock offset: 2.222 ms
Remote clock offset: 1.523 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 100.005 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 100.005 ms
Loss rate: 1.70%
```

Run 6: Report of LEDBAT — Data Link

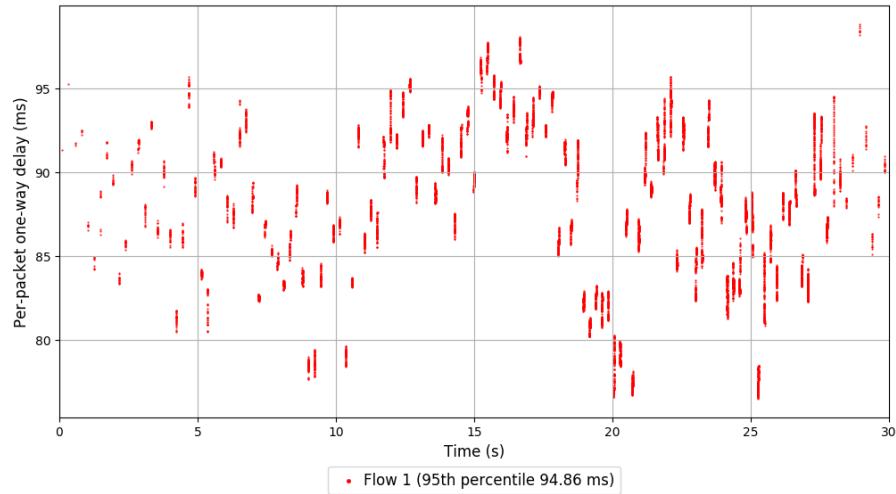
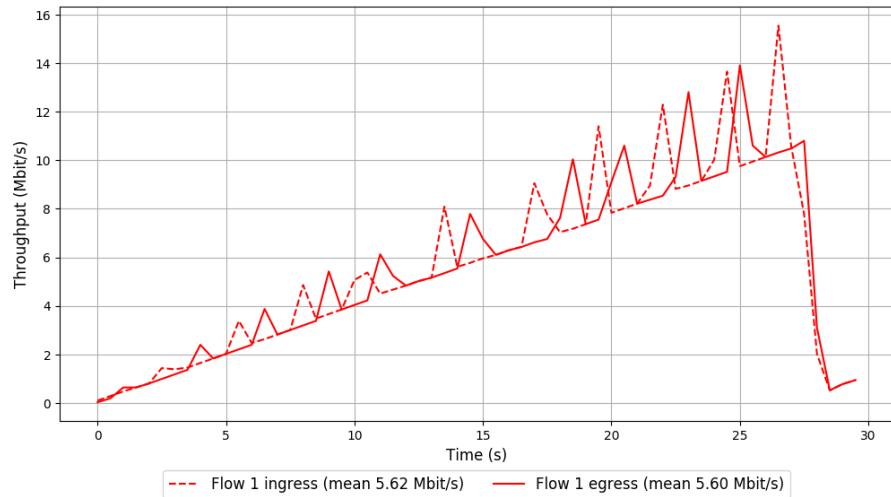


Run 7: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 04:49:15 +0000
End at: Sun, 09 Jul 2017 04:49:45 +0000
Local clock offset: 2.38 ms
Remote clock offset: 1.044 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.60 Mbit/s
95th percentile per-packet one-way delay: 94.862 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 5.60 Mbit/s
95th percentile per-packet one-way delay: 94.862 ms
Loss rate: 0.36%
```

Run 7: Report of LEDBAT — Data Link

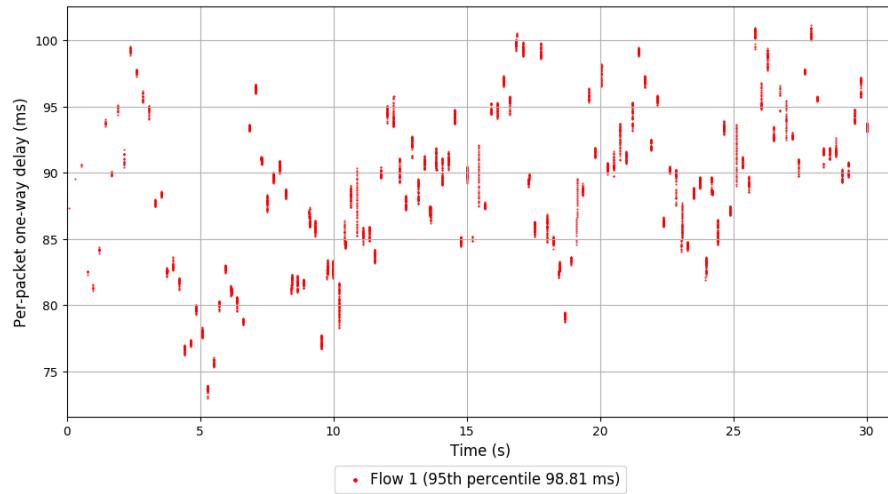
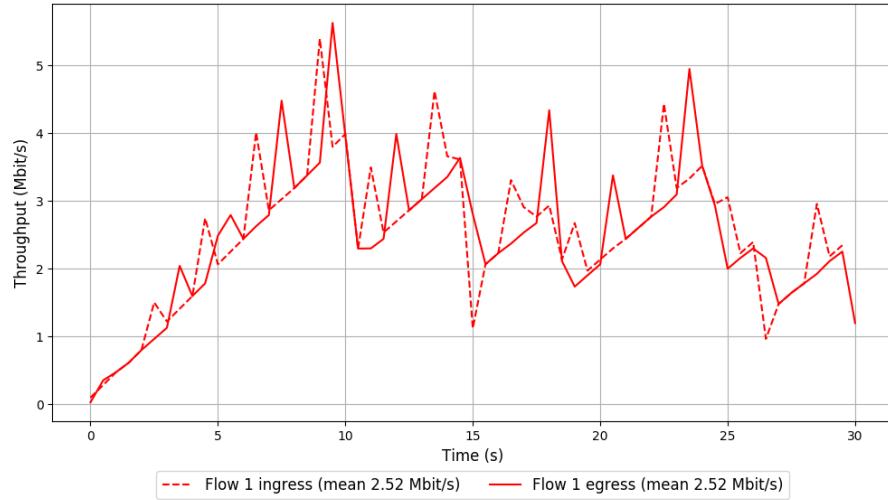


Run 8: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 05:07:21 +0000
End at: Sun, 09 Jul 2017 05:07:51 +0000
Local clock offset: 2.568 ms
Remote clock offset: 0.729 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 98.808 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 98.808 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

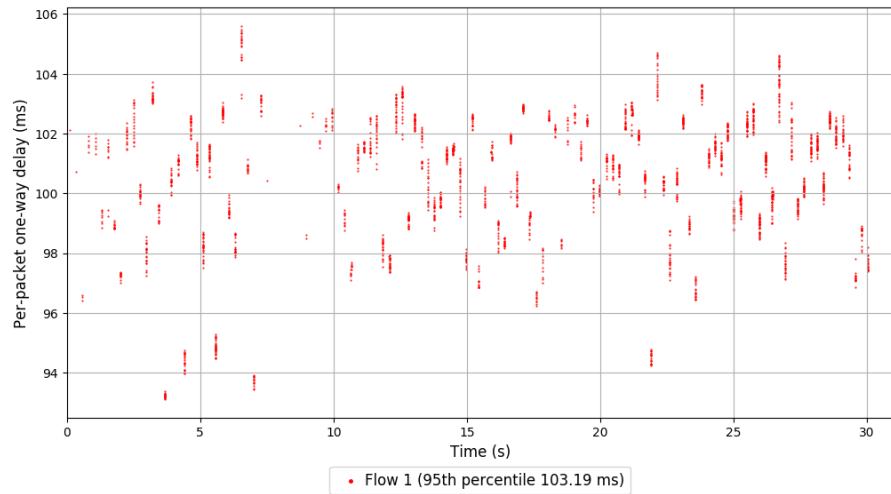
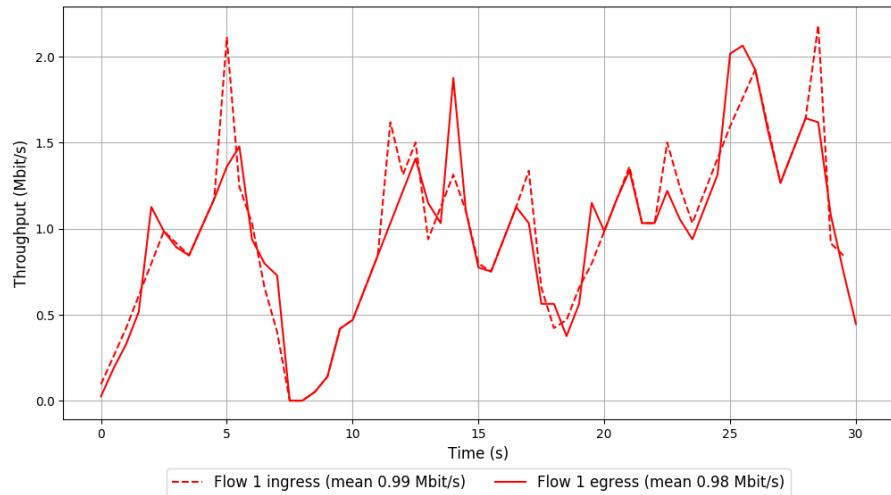


Run 9: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 05:25:25 +0000
End at: Sun, 09 Jul 2017 05:25:55 +0000
Local clock offset: 2.781 ms
Remote clock offset: 0.477 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 103.194 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 103.194 ms
Loss rate: 0.83%
```

Run 9: Report of LEDBAT — Data Link

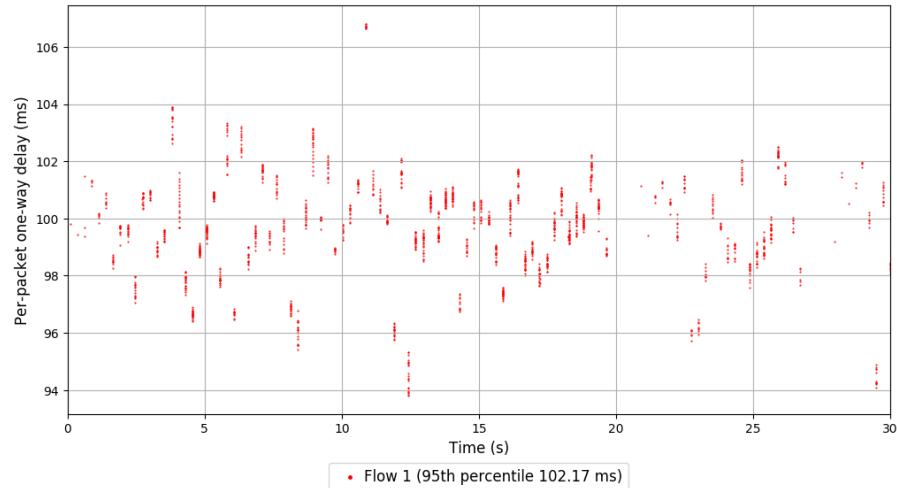
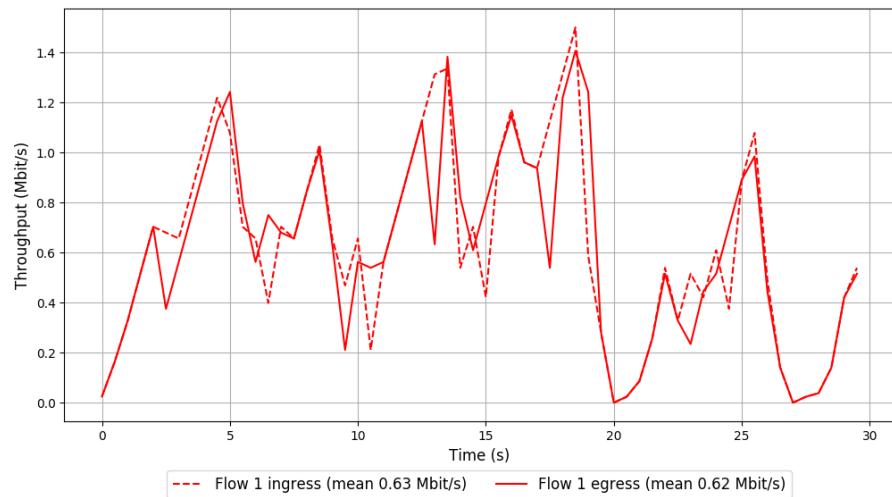


Run 10: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 05:43:43 +0000
End at: Sun, 09 Jul 2017 05:44:13 +0000
Local clock offset: 4.428 ms
Remote clock offset: 0.277 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 102.171 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 102.171 ms
Loss rate: 1.80%
```

Run 10: Report of LEDBAT — Data Link

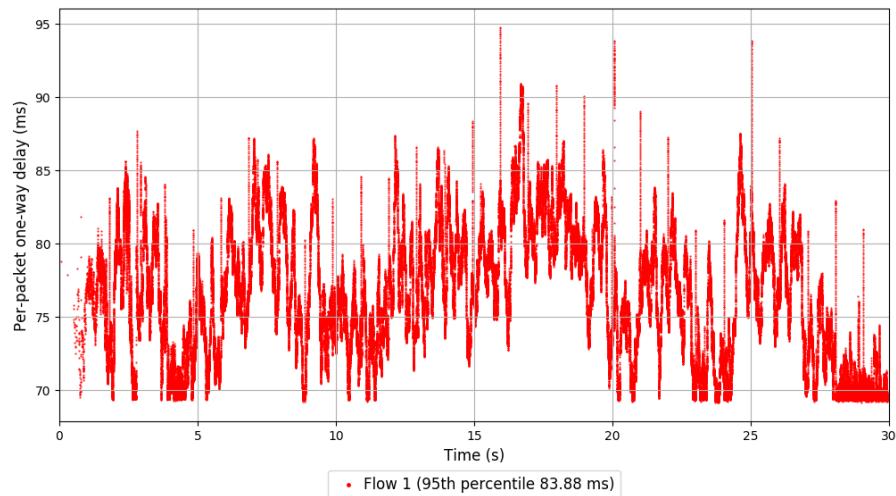
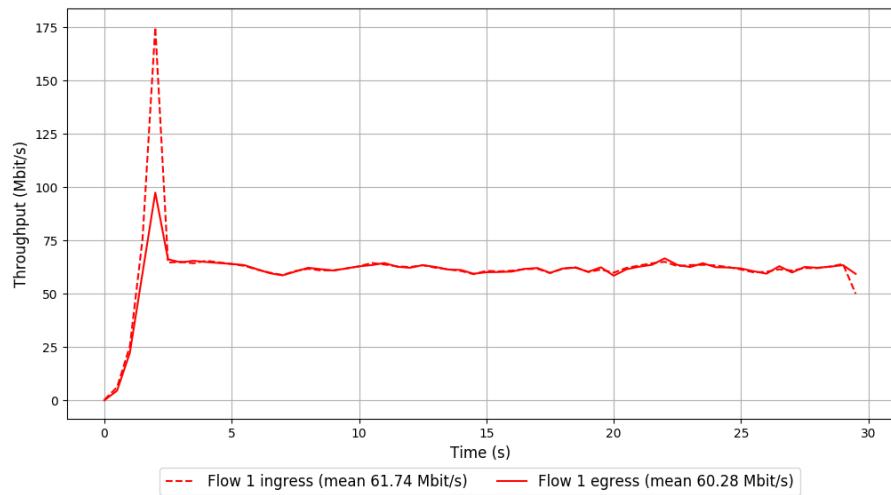


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 03:14:11 +0000
End at: Sun, 09 Jul 2017 03:14:41 +0000
Local clock offset: 1.388 ms
Remote clock offset: 0.99 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 83.877 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 83.877 ms
Loss rate: 2.39%
```

Run 1: Report of PCC — Data Link

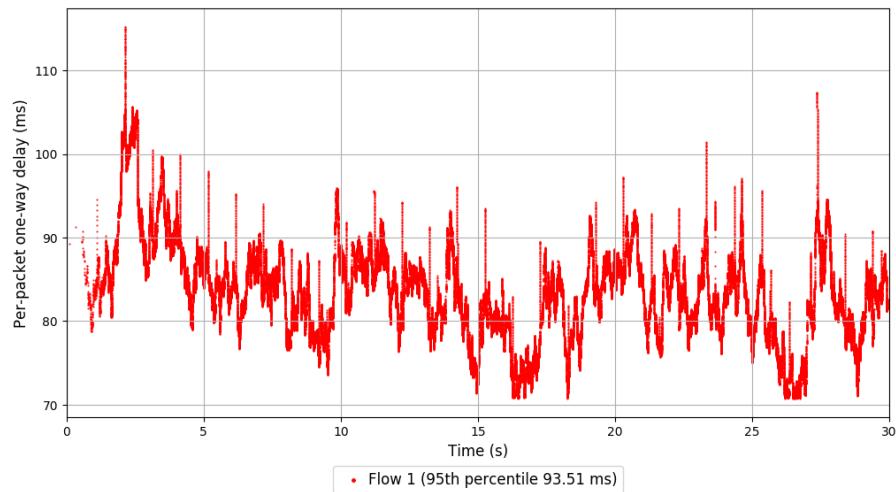
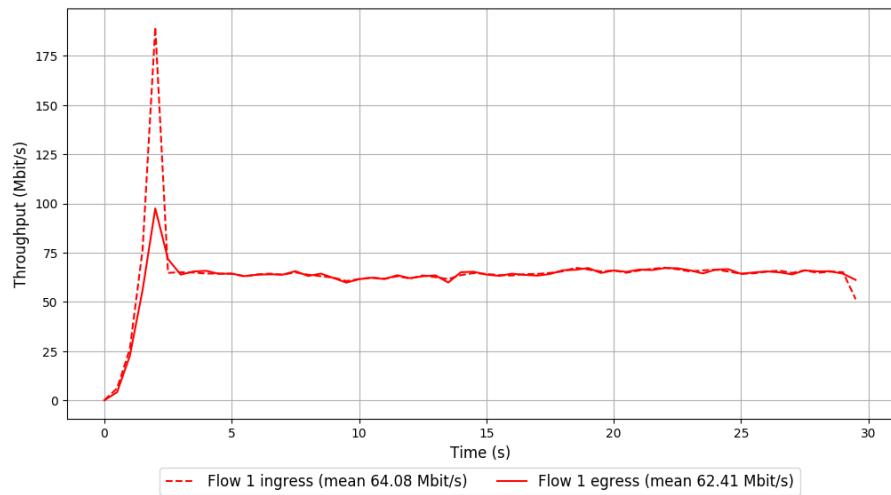


Run 2: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 03:32:12 +0000
End at: Sun, 09 Jul 2017 03:32:42 +0000
Local clock offset: 1.598 ms
Remote clock offset: 1.437 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 93.506 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 93.506 ms
Loss rate: 2.66%
```

Run 2: Report of PCC — Data Link

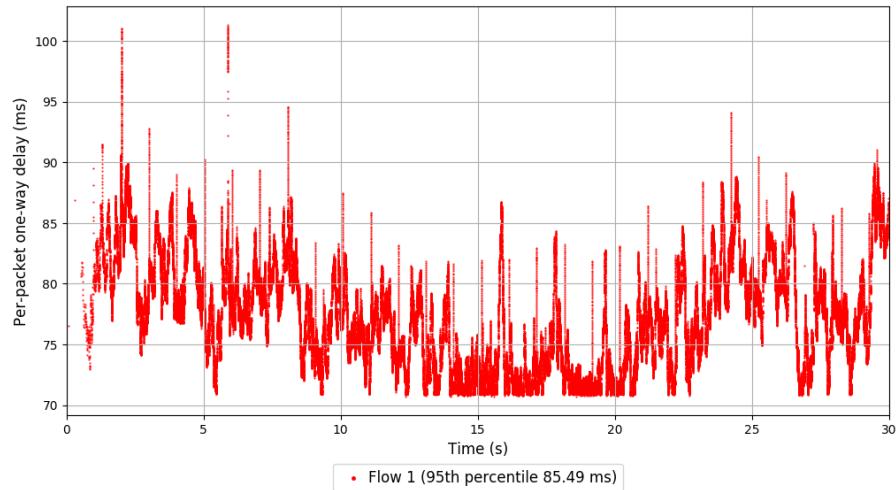
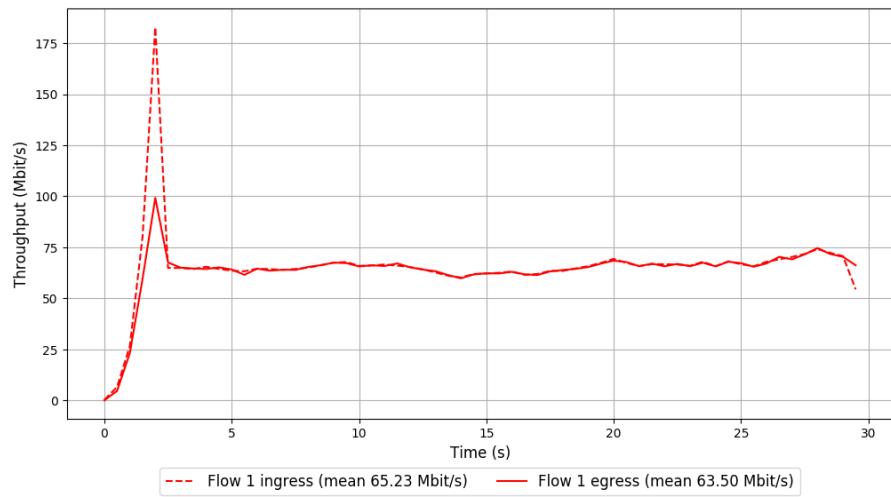


Run 3: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 03:52:32 +0000
End at: Sun, 09 Jul 2017 03:53:02 +0000
Local clock offset: 1.676 ms
Remote clock offset: 1.985 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.50 Mbit/s
95th percentile per-packet one-way delay: 85.488 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 63.50 Mbit/s
95th percentile per-packet one-way delay: 85.488 ms
Loss rate: 2.61%
```

Run 3: Report of PCC — Data Link

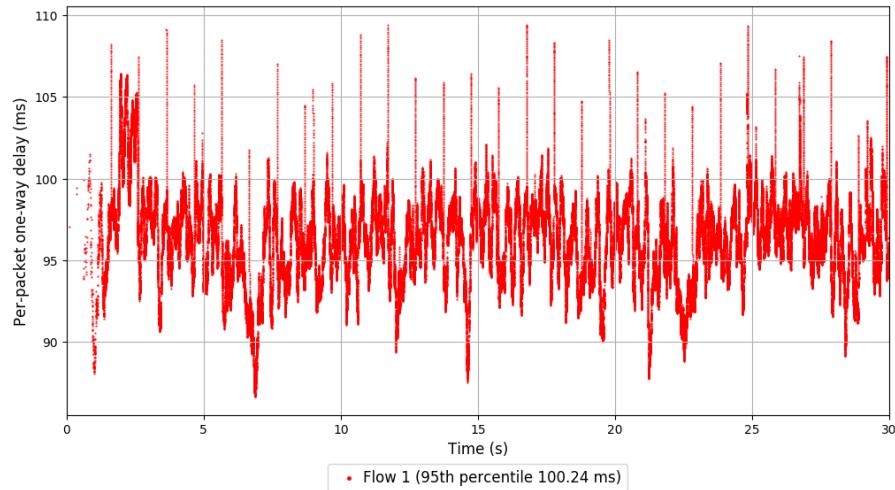
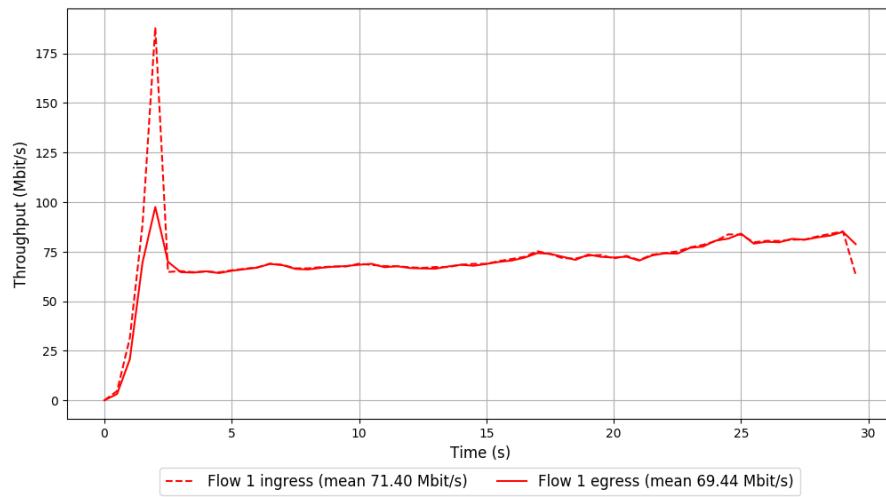


Run 4: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 04:10:35 +0000
End at: Sun, 09 Jul 2017 04:11:05 +0000
Local clock offset: 1.947 ms
Remote clock offset: 1.753 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:15:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.44 Mbit/s
95th percentile per-packet one-way delay: 100.244 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 69.44 Mbit/s
95th percentile per-packet one-way delay: 100.244 ms
Loss rate: 2.76%
```

Run 4: Report of PCC — Data Link

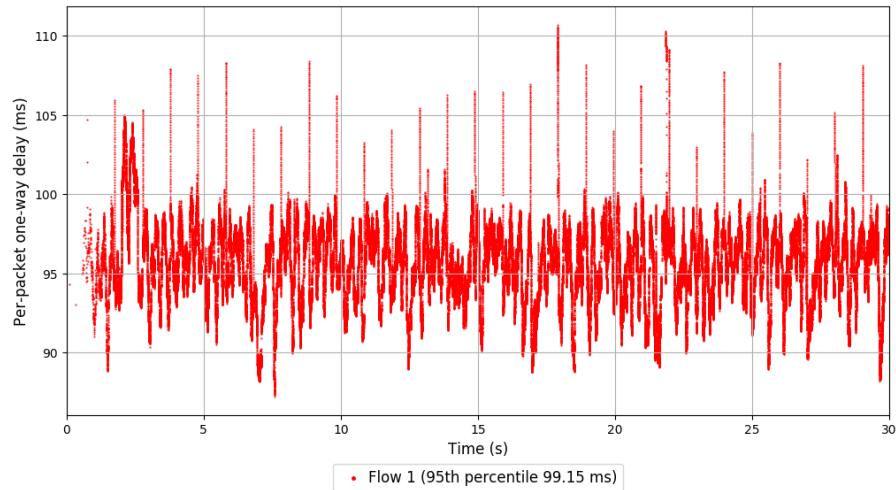
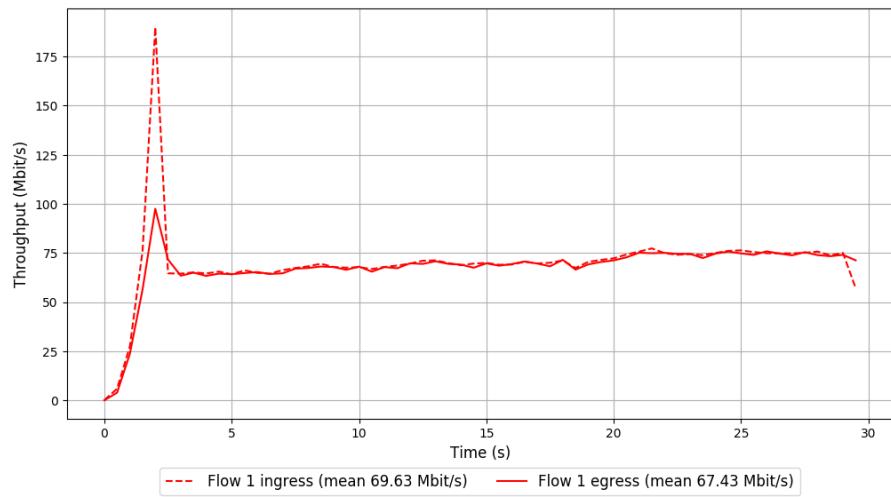


Run 5: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 04:28:42 +0000
End at: Sun, 09 Jul 2017 04:29:12 +0000
Local clock offset: 3.574 ms
Remote clock offset: 1.588 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.43 Mbit/s
95th percentile per-packet one-way delay: 99.152 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 67.43 Mbit/s
95th percentile per-packet one-way delay: 99.152 ms
Loss rate: 3.15%
```

Run 5: Report of PCC — Data Link

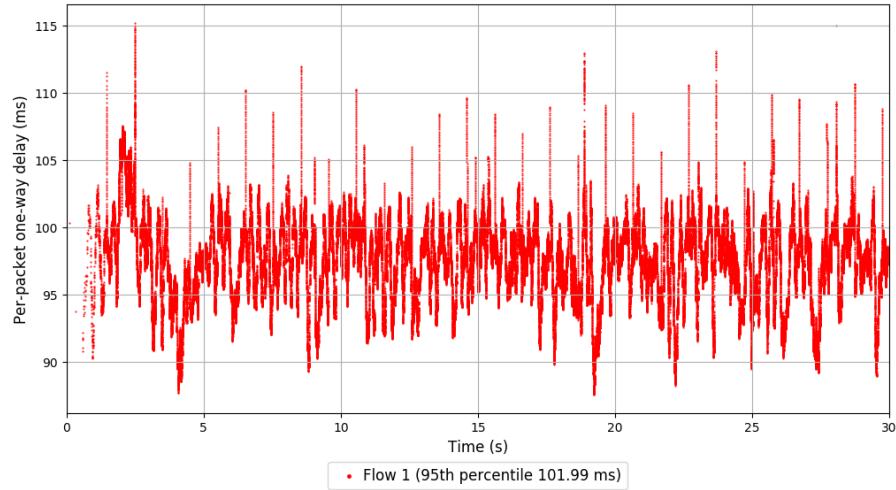
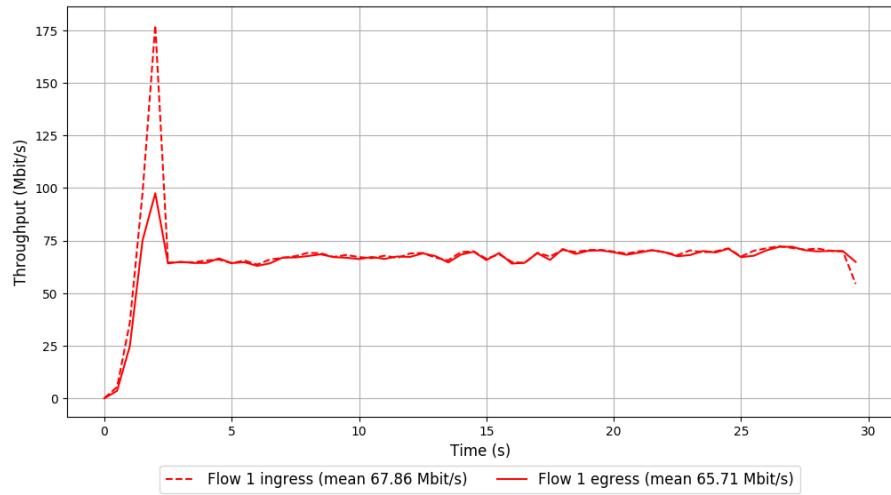


Run 6: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 04:46:51 +0000
End at: Sun, 09 Jul 2017 04:47:21 +0000
Local clock offset: 3.761 ms
Remote clock offset: 1.155 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 101.994 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 101.994 ms
Loss rate: 3.23%
```

Run 6: Report of PCC — Data Link

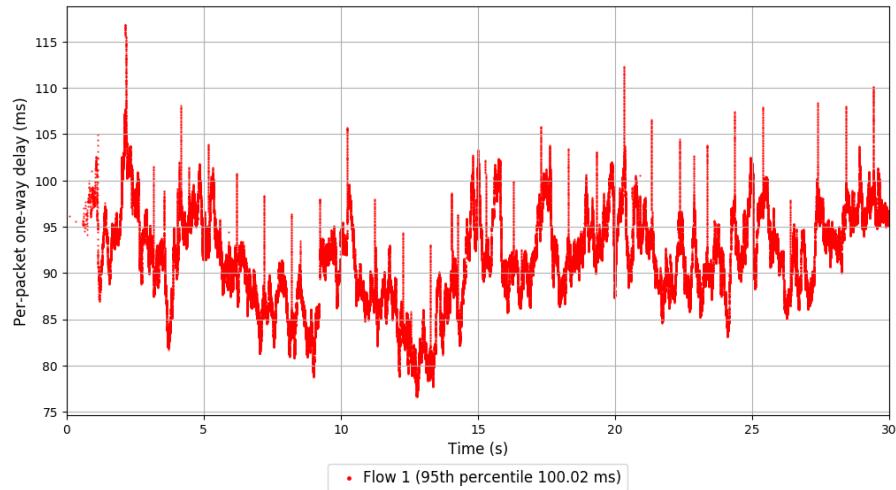
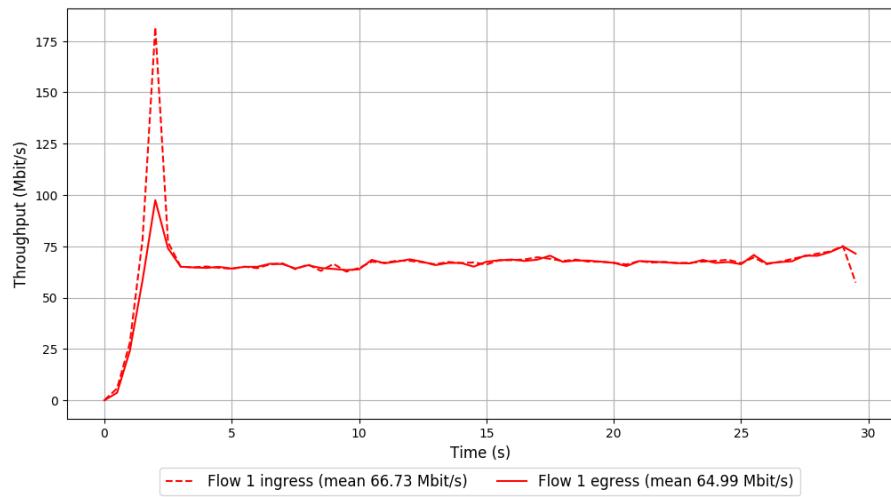


Run 7: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 05:04:56 +0000
End at: Sun, 09 Jul 2017 05:05:26 +0000
Local clock offset: 2.542 ms
Remote clock offset: 0.747 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.99 Mbit/s
95th percentile per-packet one-way delay: 100.024 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 64.99 Mbit/s
95th percentile per-packet one-way delay: 100.024 ms
Loss rate: 2.61%
```

Run 7: Report of PCC — Data Link

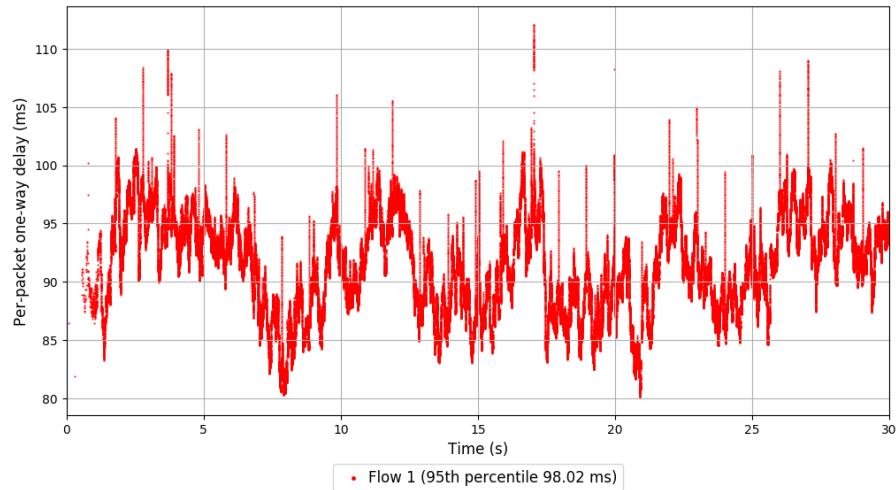
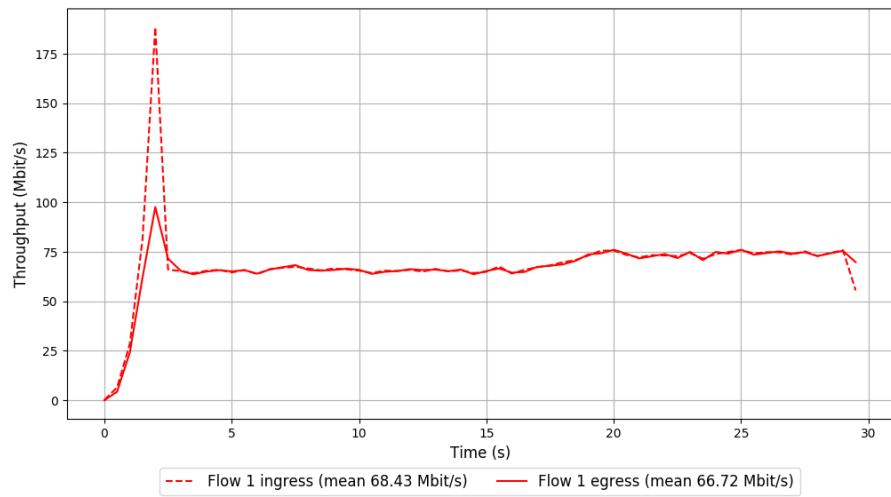


Run 8: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 05:22:56 +0000
End at: Sun, 09 Jul 2017 05:23:26 +0000
Local clock offset: 4.023 ms
Remote clock offset: 0.496 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.72 Mbit/s
95th percentile per-packet one-way delay: 98.016 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 66.72 Mbit/s
95th percentile per-packet one-way delay: 98.016 ms
Loss rate: 2.51%
```

Run 8: Report of PCC — Data Link

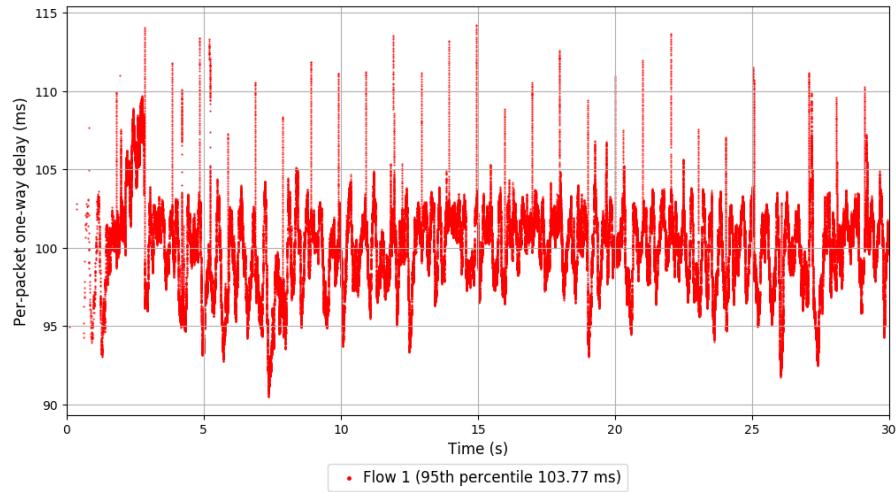
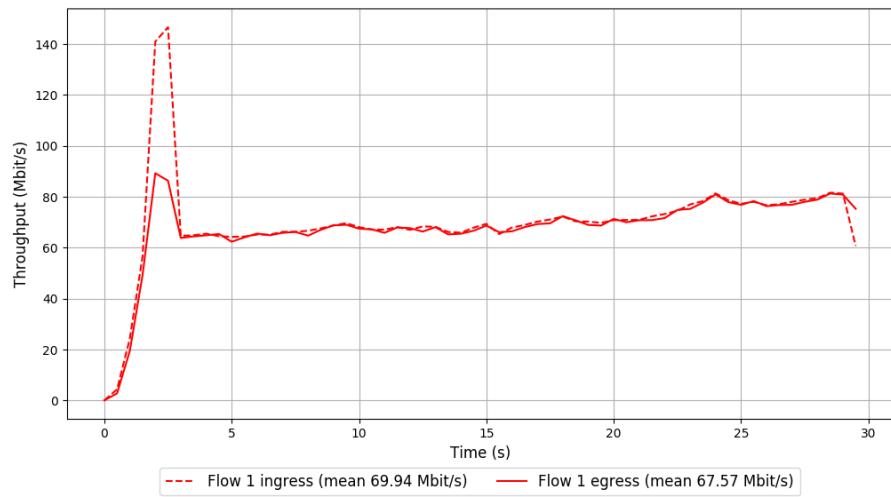


Run 9: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 05:41:18 +0000
End at: Sun, 09 Jul 2017 05:41:48 +0000
Local clock offset: 4.464 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 103.770 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 103.770 ms
Loss rate: 3.38%
```

Run 9: Report of PCC — Data Link

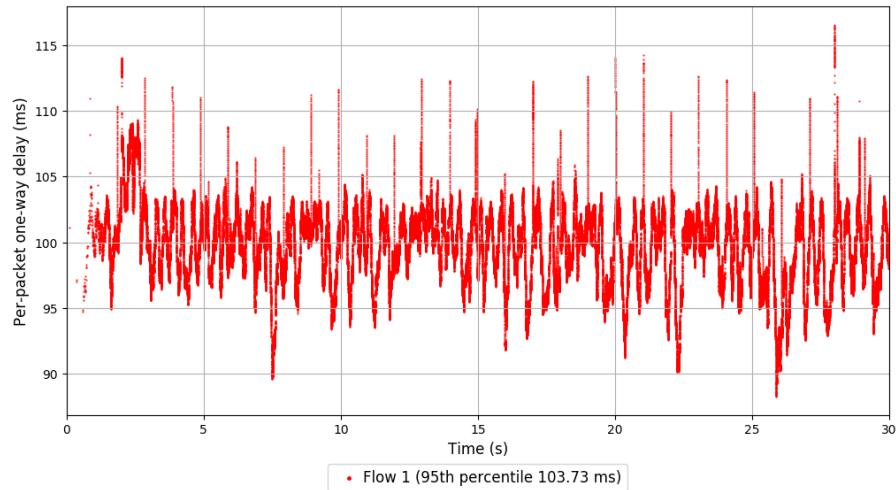
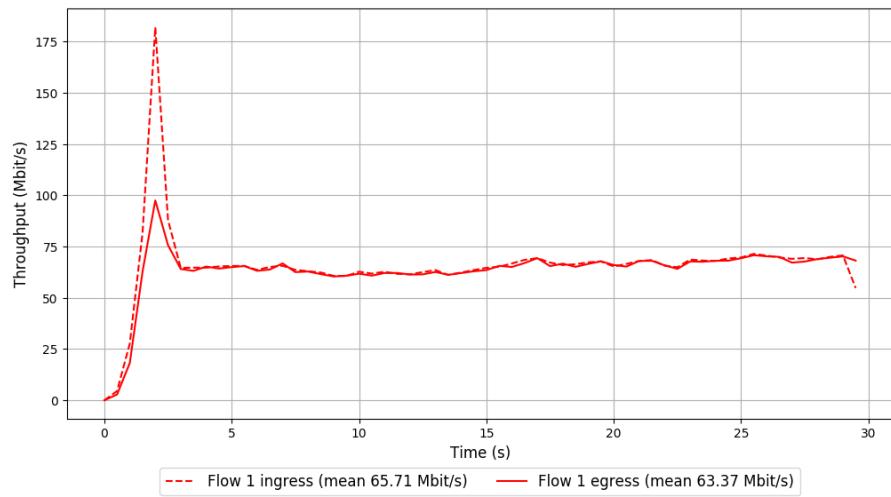


Run 10: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 05:59:24 +0000
End at: Sun, 09 Jul 2017 05:59:54 +0000
Local clock offset: 3.157 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.37 Mbit/s
95th percentile per-packet one-way delay: 103.731 ms
Loss rate: 3.58%
-- Flow 1:
Average throughput: 63.37 Mbit/s
95th percentile per-packet one-way delay: 103.731 ms
Loss rate: 3.58%
```

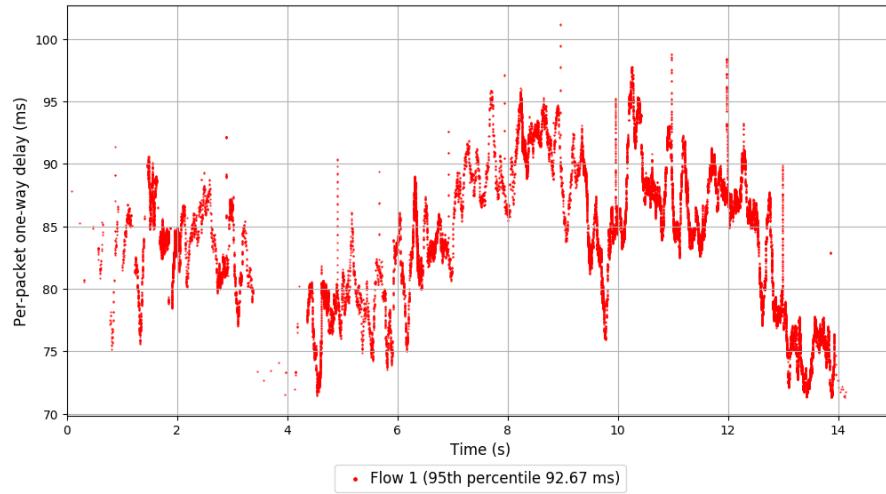
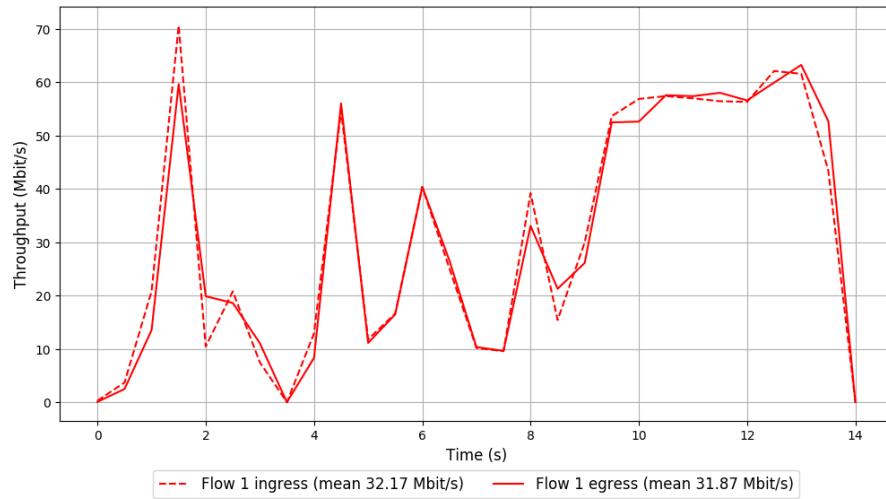
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 03:09:25 +0000
End at: Sun, 09 Jul 2017 03:09:55 +0000
Local clock offset: 2.396 ms
Remote clock offset: 0.868 ms

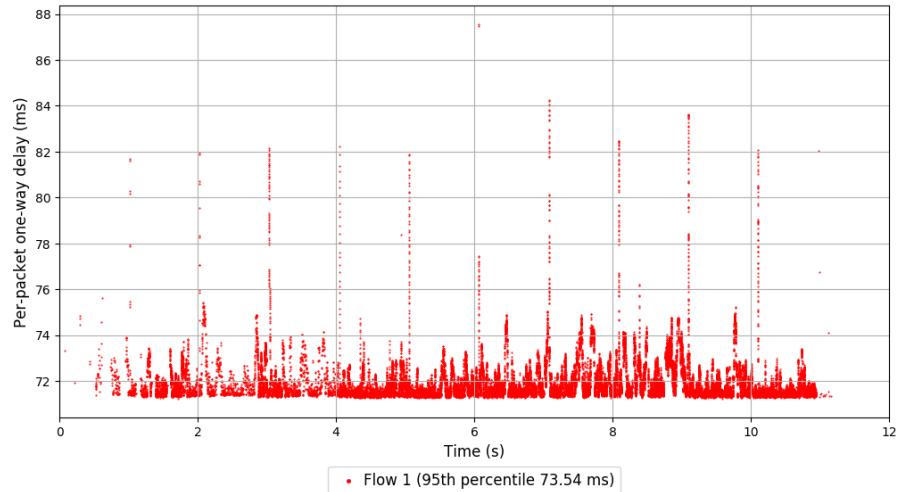
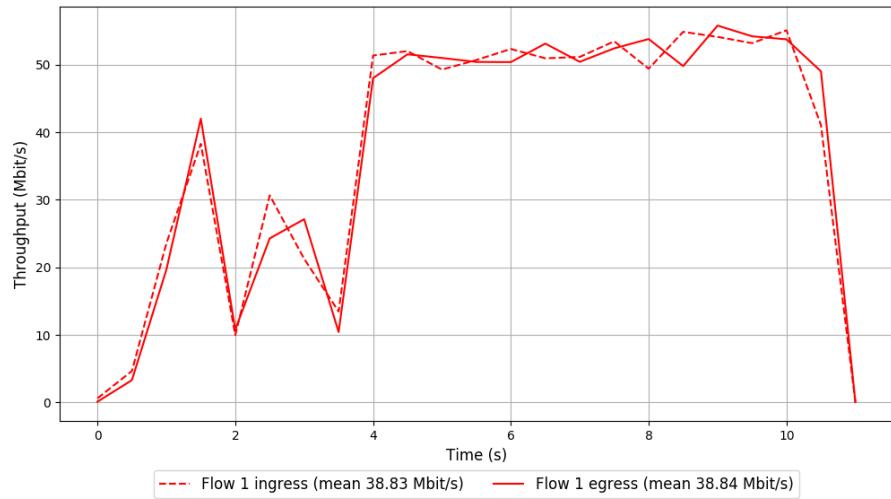
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 03:27:26 +0000
End at: Sun, 09 Jul 2017 03:27:56 +0000
Local clock offset: 1.526 ms
Remote clock offset: 1.294 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

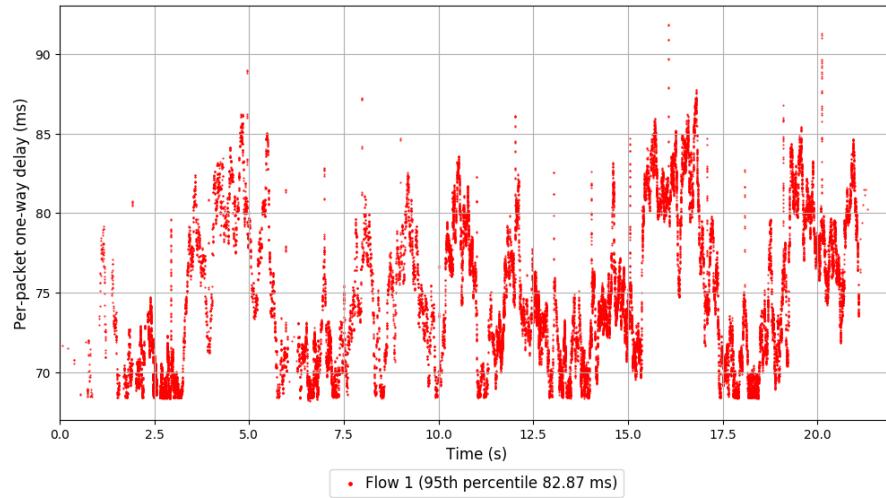
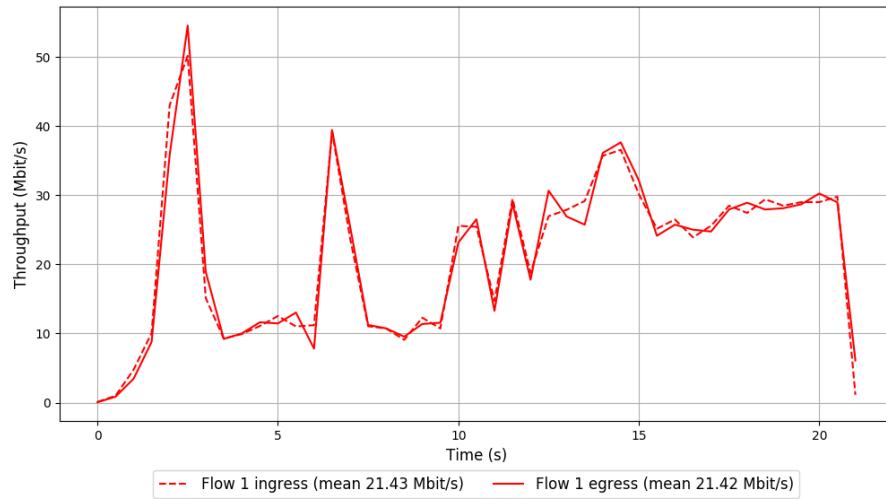
Start at: Sun, 09 Jul 2017 03:47:24 +0000

End at: Sun, 09 Jul 2017 03:47:54 +0000

Local clock offset: 1.517 ms

Remote clock offset: 1.953 ms

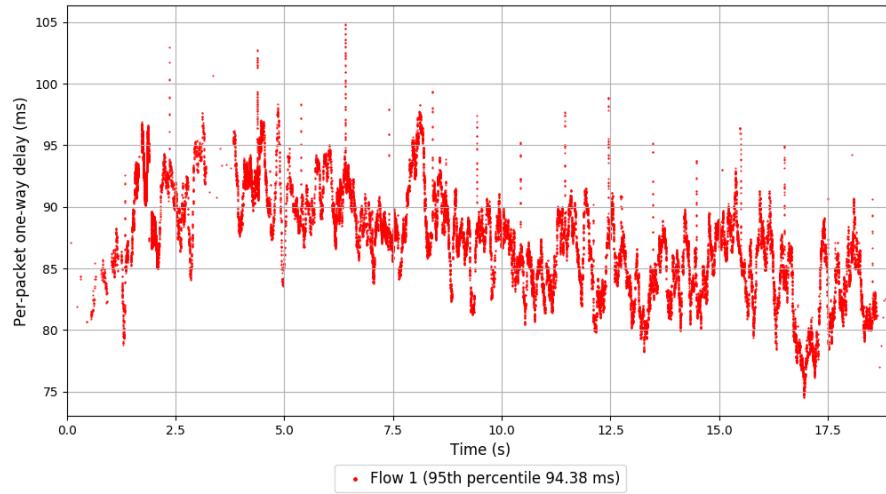
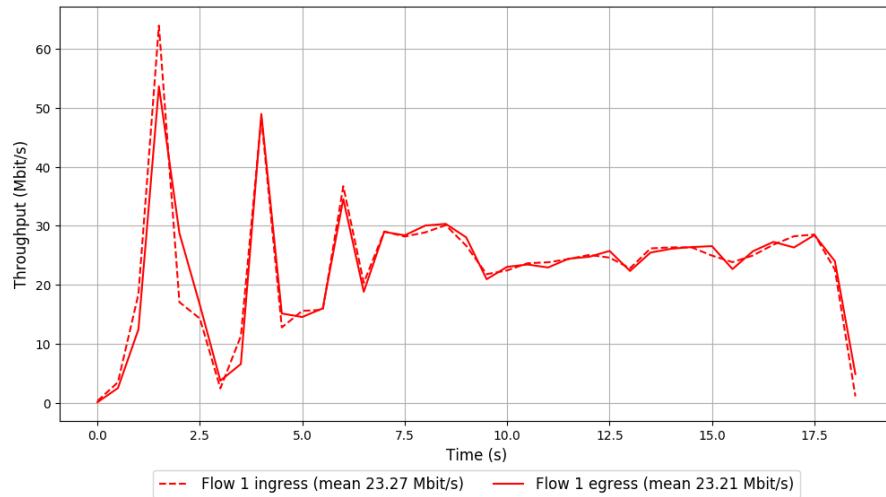
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 04:05:44 +0000
End at: Sun, 09 Jul 2017 04:06:14 +0000
Local clock offset: 1.784 ms
Remote clock offset: 1.765 ms

Run 4: Report of QUIC Cubic — Data Link

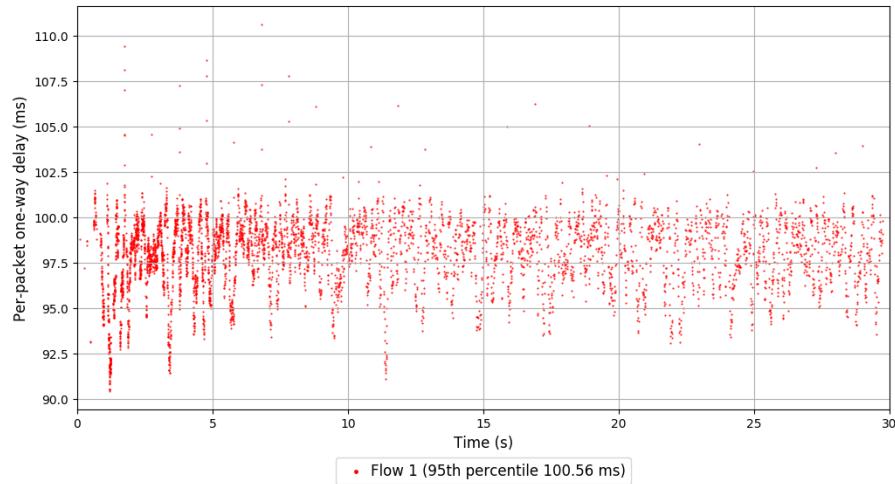
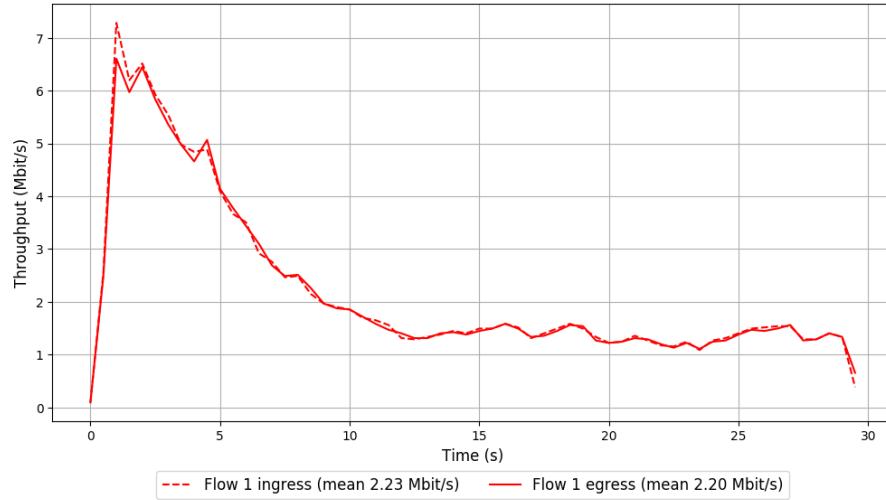


Run 5: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 04:23:57 +0000
End at: Sun, 09 Jul 2017 04:24:27 +0000
Local clock offset: 2.139 ms
Remote clock offset: 1.674 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 100.558 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 100.558 ms
Loss rate: 0.91%
```

Run 5: Report of QUIC Cubic — Data Link

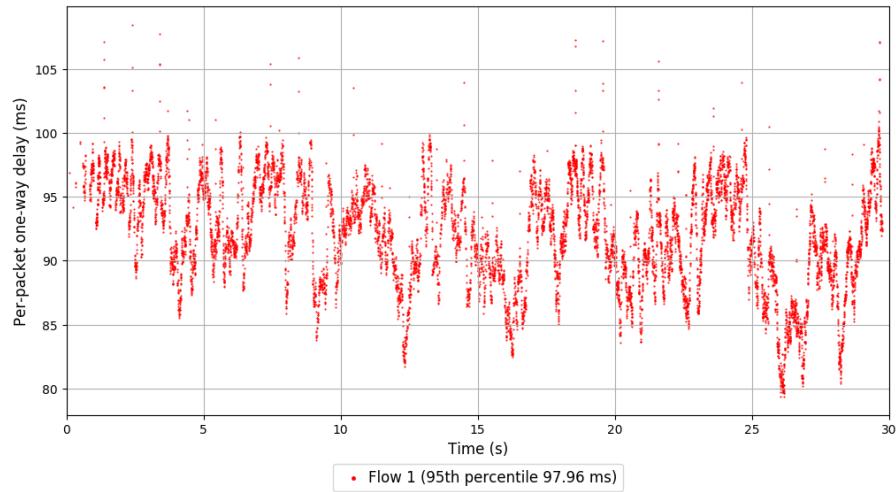
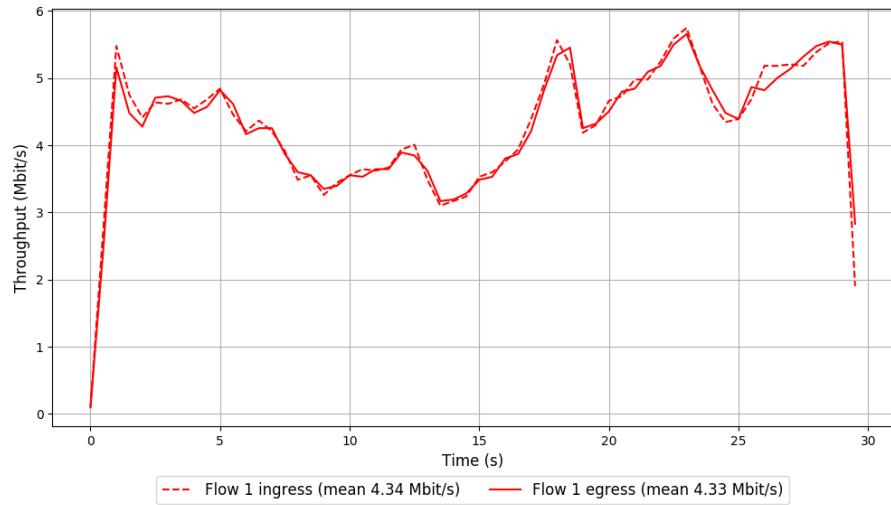


Run 6: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 04:41:55 +0000
End at: Sun, 09 Jul 2017 04:42:25 +0000
Local clock offset: 3.305 ms
Remote clock offset: 1.163 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 97.964 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 97.964 ms
Loss rate: 0.22%
```

Run 6: Report of QUIC Cubic — Data Link

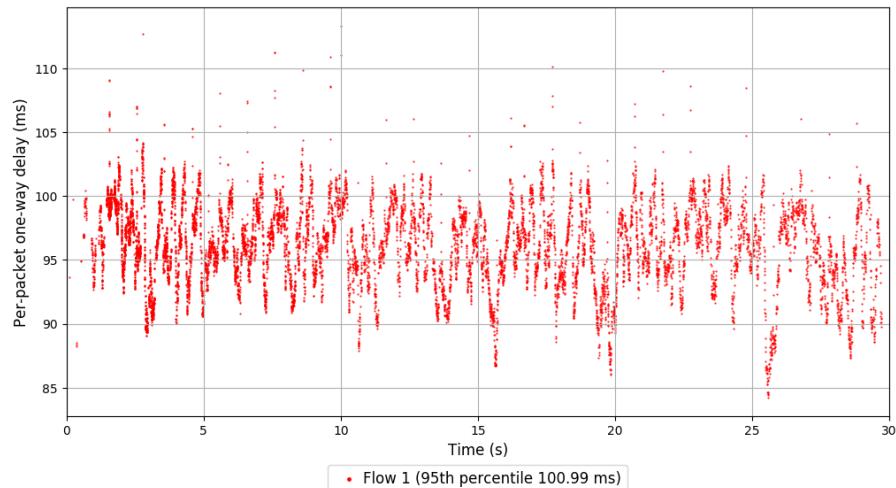
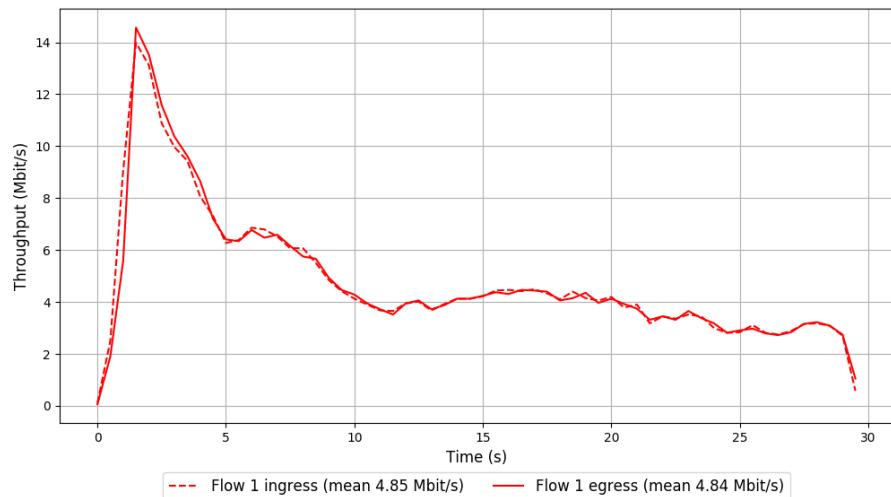


Run 7: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 05:00:07 +0000
End at: Sun, 09 Jul 2017 05:00:37 +0000
Local clock offset: 1.697 ms
Remote clock offset: 0.828 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 100.992 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 100.992 ms
Loss rate: 0.37%
```

Run 7: Report of QUIC Cubic — Data Link

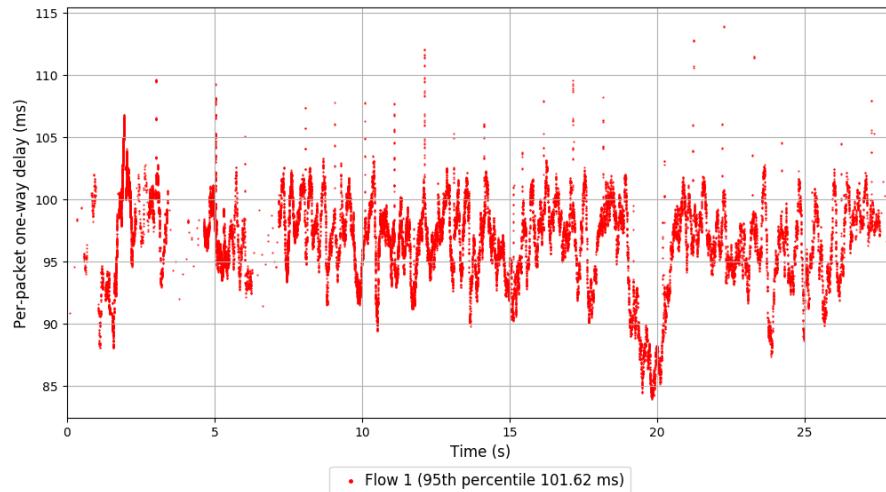
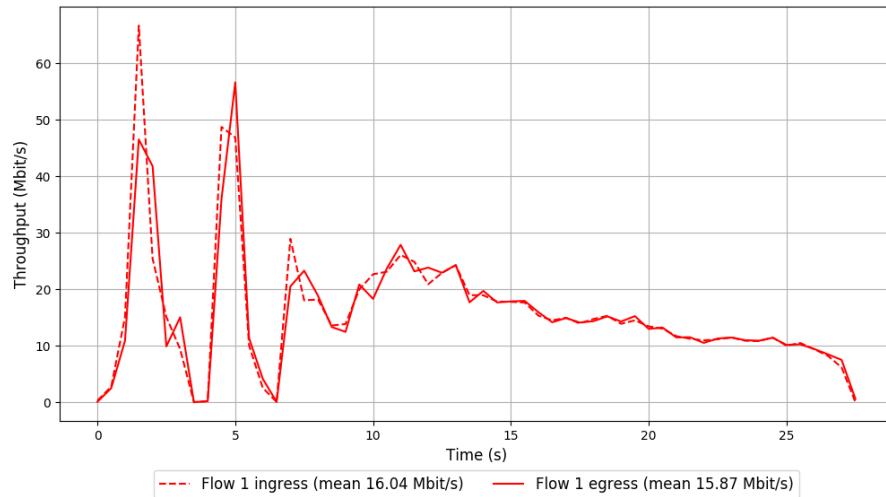


Run 8: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 05:18:09 +0000
End at: Sun, 09 Jul 2017 05:18:39 +0000
Local clock offset: 3.661 ms
Remote clock offset: 0.582 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 101.618 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 101.618 ms
Loss rate: 1.08%
```

Run 8: Report of QUIC Cubic — Data Link

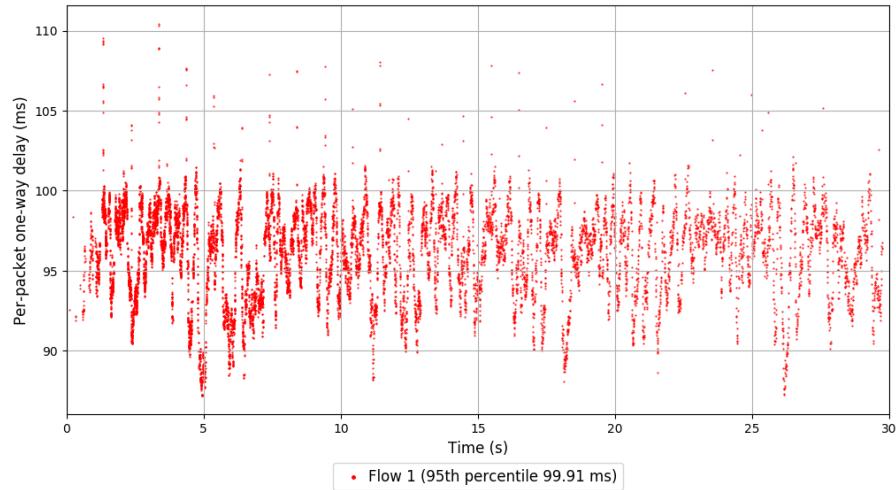
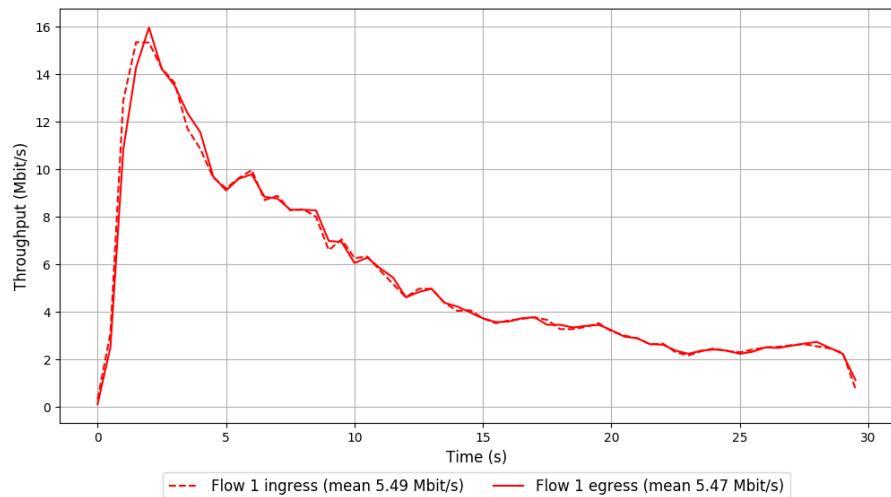


Run 9: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 05:36:23 +0000
End at: Sun, 09 Jul 2017 05:36:53 +0000
Local clock offset: 2.398 ms
Remote clock offset: 0.342 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 99.913 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 99.913 ms
Loss rate: 0.37%
```

Run 9: Report of QUIC Cubic — Data Link

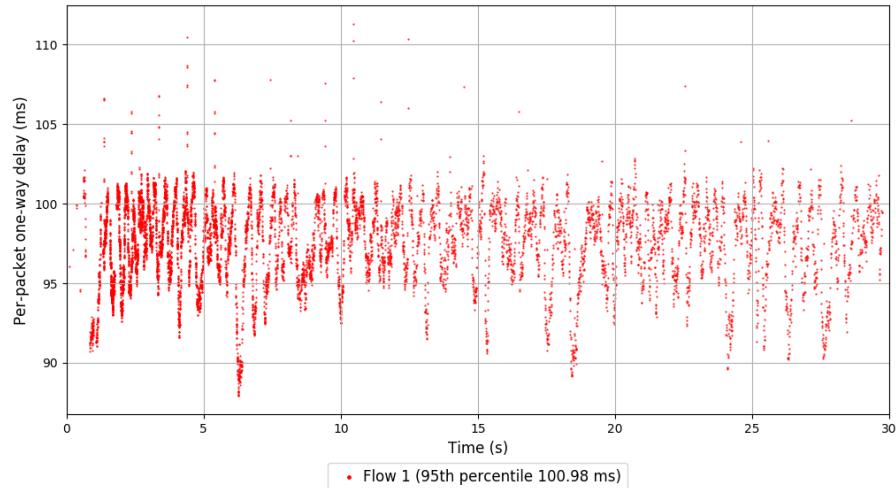
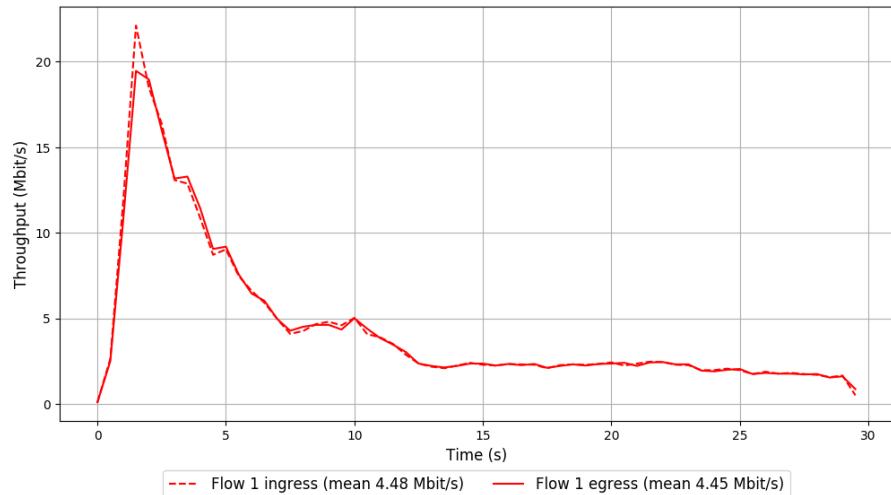


Run 10: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 05:54:33 +0000
End at: Sun, 09 Jul 2017 05:55:03 +0000
Local clock offset: 2.97 ms
Remote clock offset: 0.056 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 100.981 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 100.981 ms
Loss rate: 0.66%
```

Run 10: Report of QUIC Cubic — Data Link

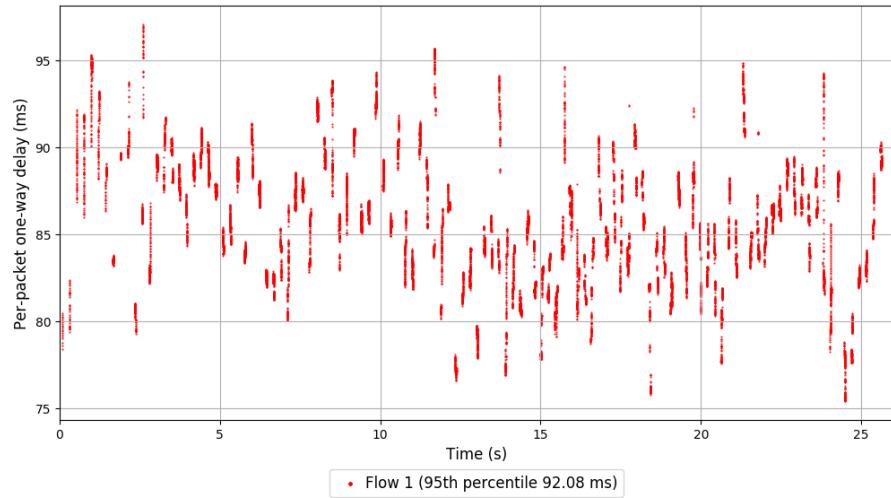
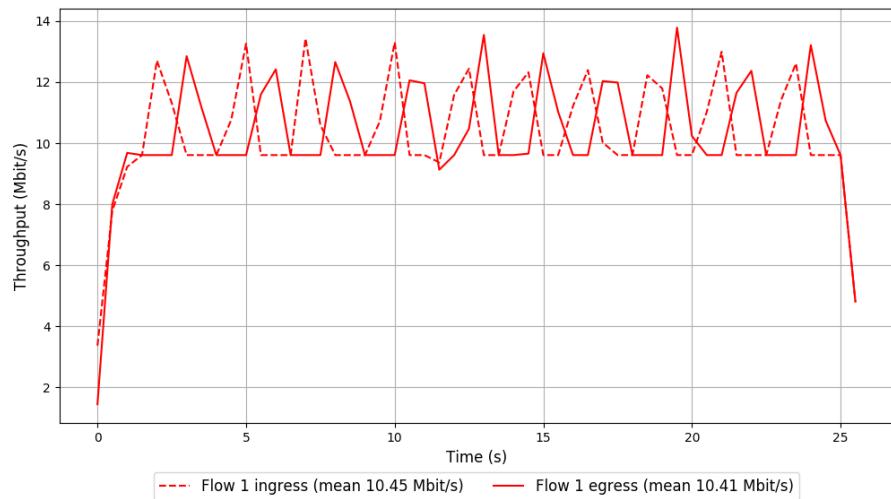


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 03:07:02 +0000
End at: Sun, 09 Jul 2017 03:07:32 +0000
Local clock offset: 1.341 ms
Remote clock offset: 0.76 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 92.081 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 92.081 ms
Loss rate: 0.29%
```

Run 1: Report of Saturator — Data Link

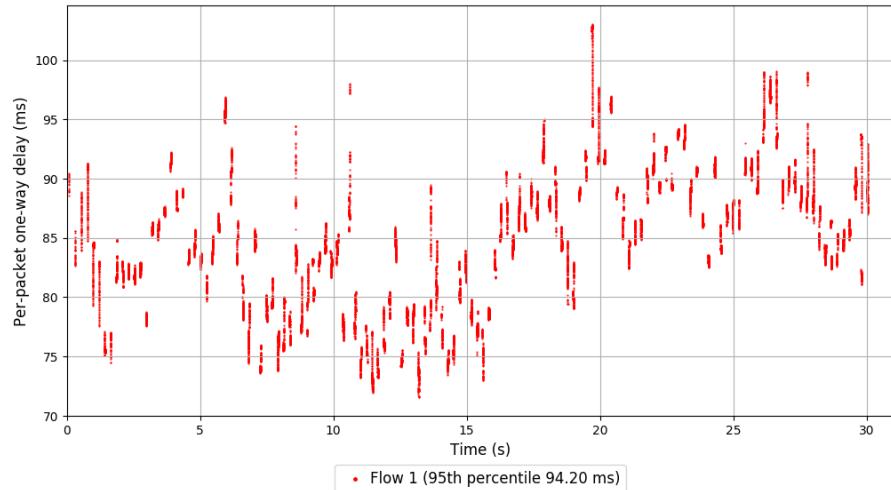
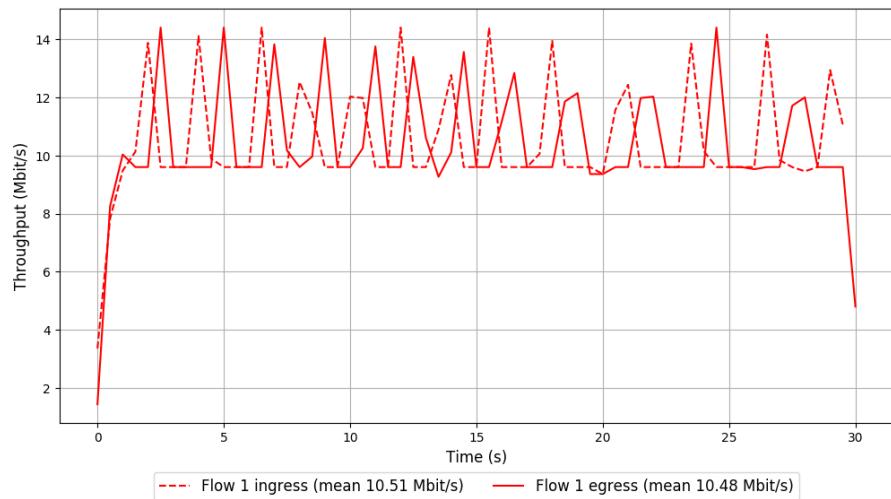


Run 2: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 03:25:03 +0000
End at: Sun, 09 Jul 2017 03:25:33 +0000
Local clock offset: 2.879 ms
Remote clock offset: 1.262 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 94.204 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 94.204 ms
Loss rate: 0.27%
```

Run 2: Report of Saturator — Data Link

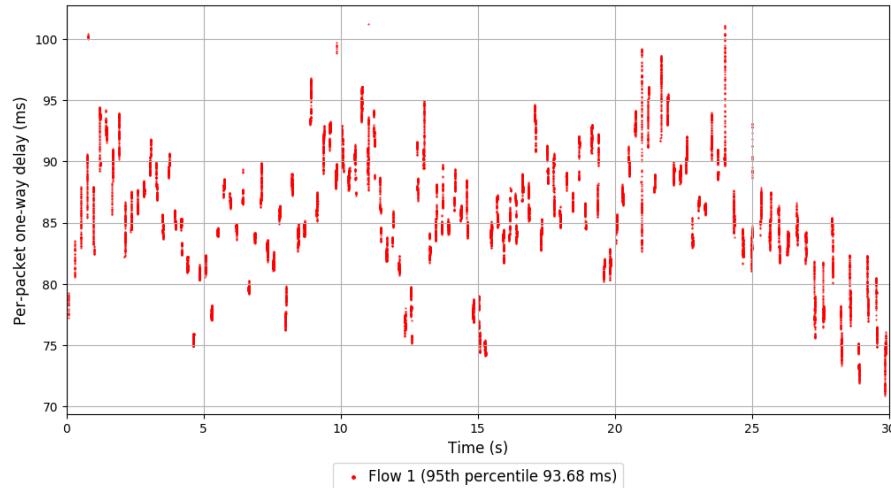
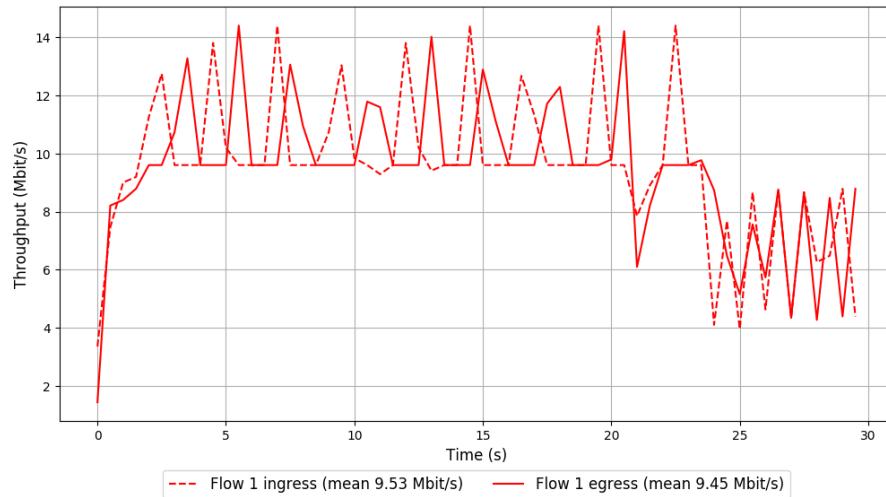


Run 3: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 03:44:25 +0000
End at: Sun, 09 Jul 2017 03:44:55 +0000
Local clock offset: 1.63 ms
Remote clock offset: 1.856 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 93.682 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 93.682 ms
Loss rate: 0.90%
```

Run 3: Report of Saturator — Data Link

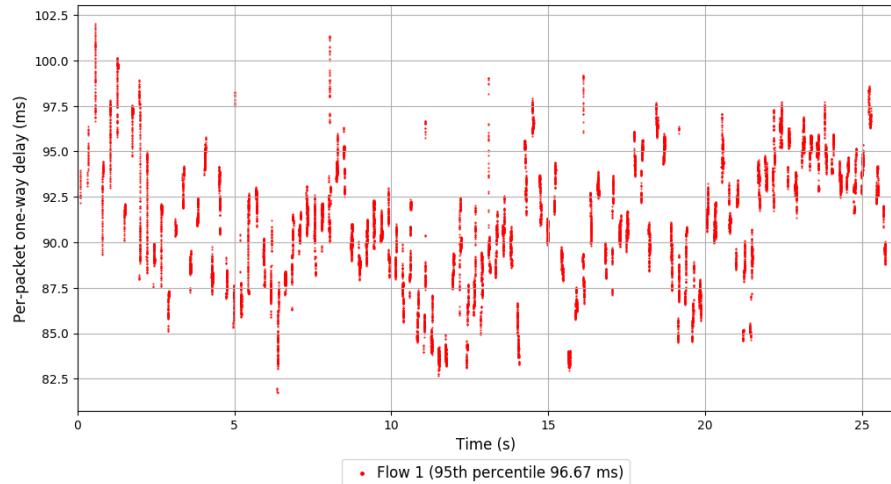
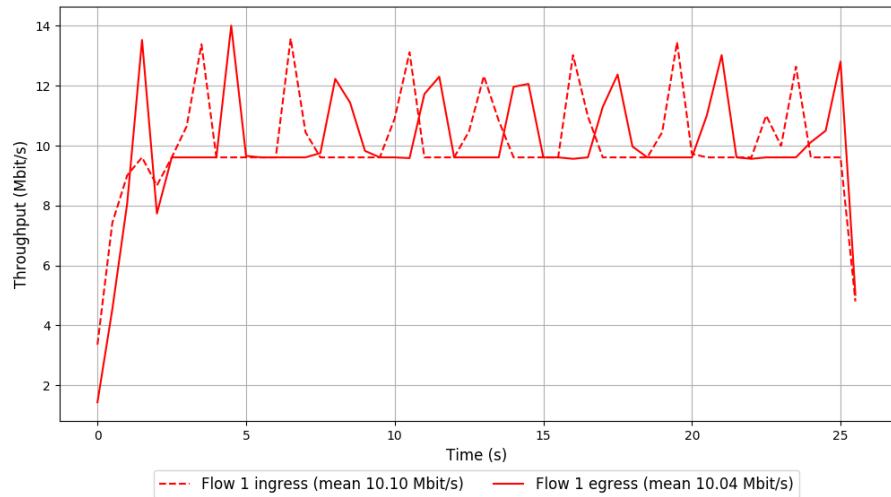


Run 4: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 04:03:22 +0000
End at: Sun, 09 Jul 2017 04:03:52 +0000
Local clock offset: 1.837 ms
Remote clock offset: 1.779 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 96.672 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 96.672 ms
Loss rate: 0.62%
```

Run 4: Report of Saturator — Data Link

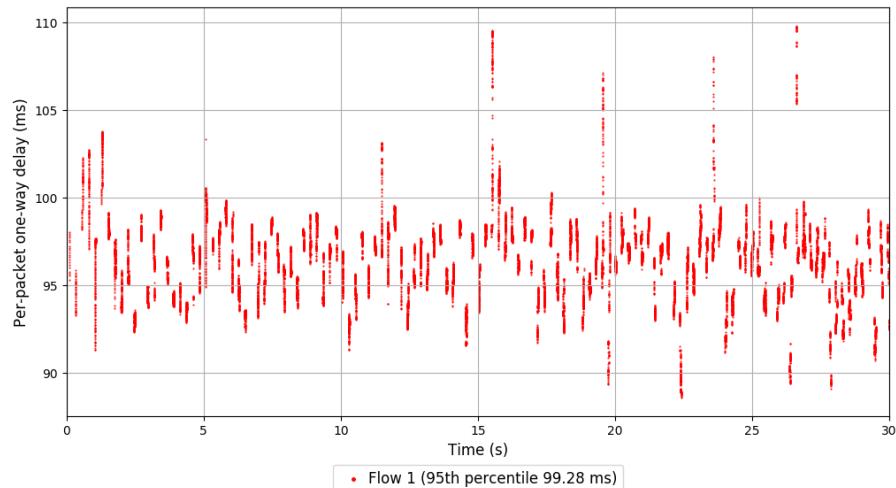
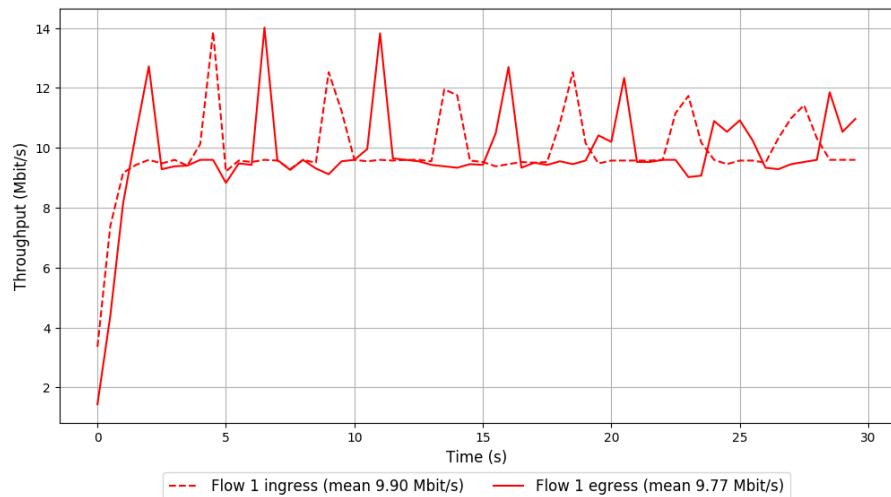


Run 5: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 04:21:34 +0000
End at: Sun, 09 Jul 2017 04:22:04 +0000
Local clock offset: 3.285 ms
Remote clock offset: 1.689 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 99.275 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 99.275 ms
Loss rate: 1.27%
```

Run 5: Report of Saturator — Data Link

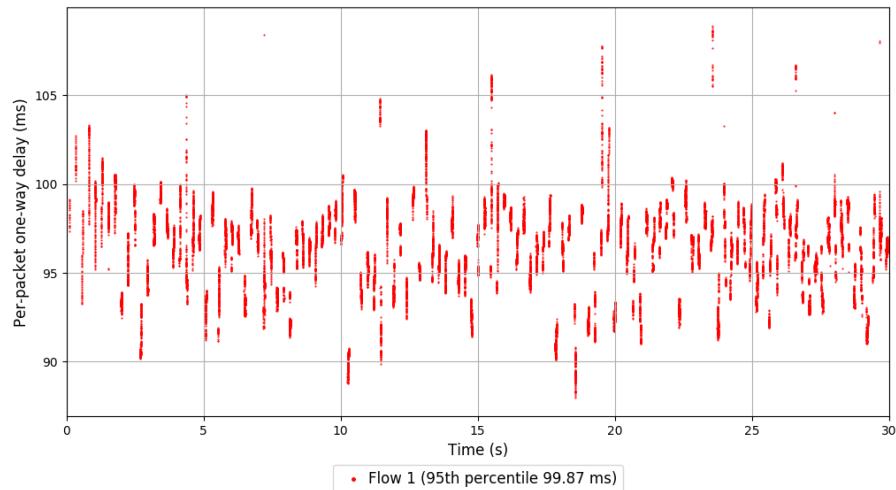
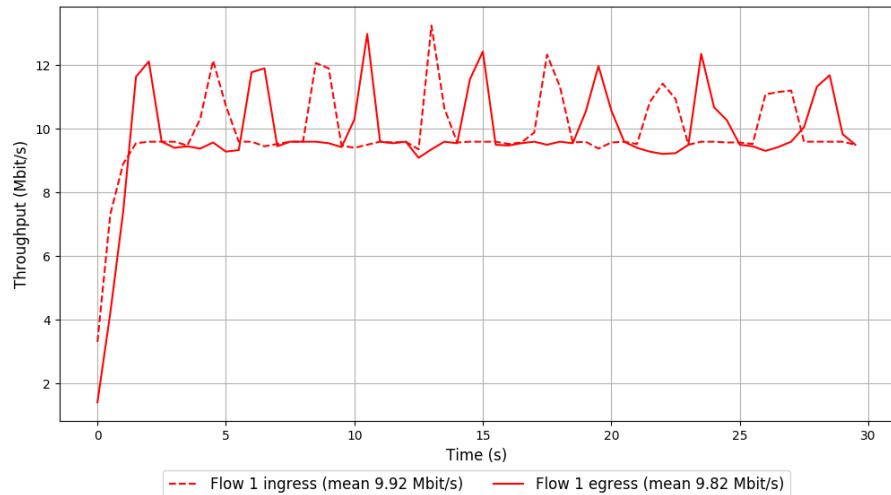


Run 6: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 04:39:32 +0000
End at: Sun, 09 Jul 2017 04:40:02 +0000
Local clock offset: 2.388 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 99.867 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 99.867 ms
Loss rate: 1.02%
```

Run 6: Report of Saturator — Data Link

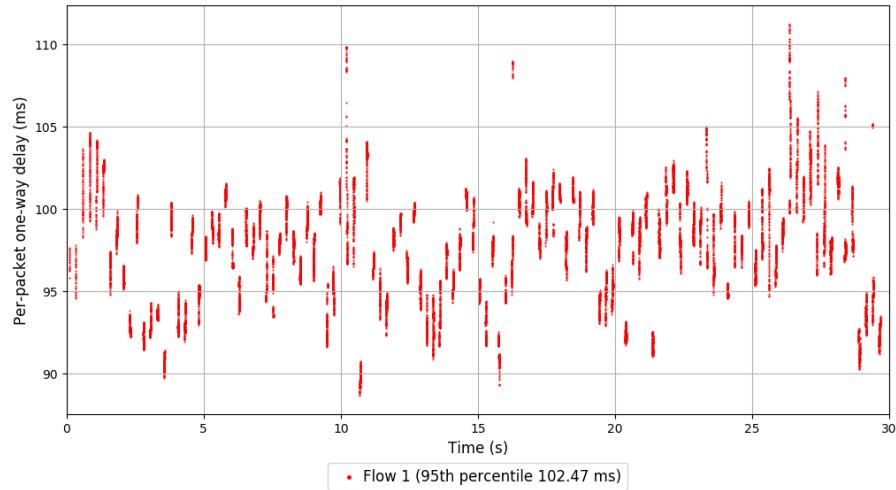
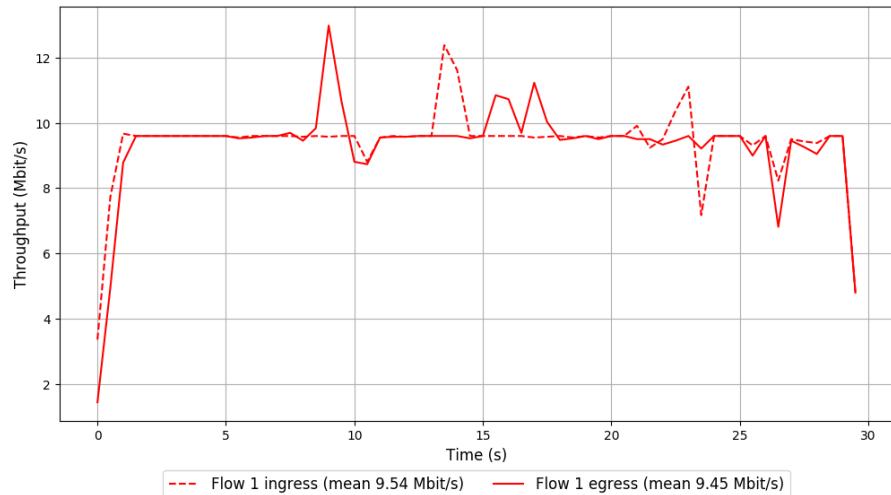


Run 7: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 04:57:44 +0000
End at: Sun, 09 Jul 2017 04:58:14 +0000
Local clock offset: 2.461 ms
Remote clock offset: 0.865 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 102.466 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 102.466 ms
Loss rate: 0.94%
```

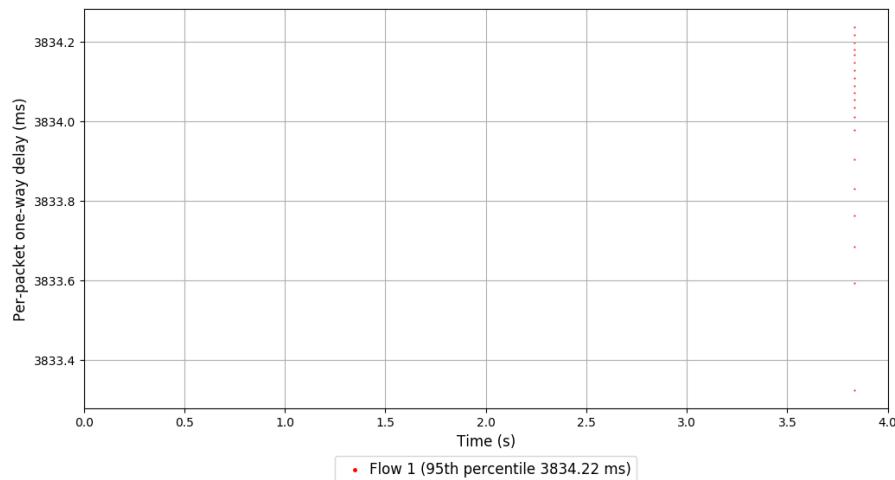
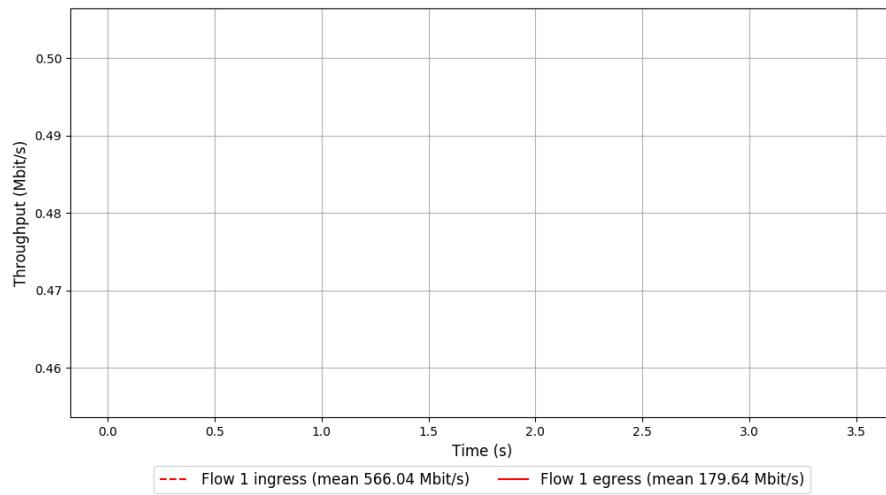
Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sun, 09 Jul 2017 05:15:43 +0000
End at: Sun, 09 Jul 2017 05:16:13 +0000
Local clock offset: 2.488 ms
Remote clock offset: 0.602 ms

Run 8: Report of Saturator — Data Link

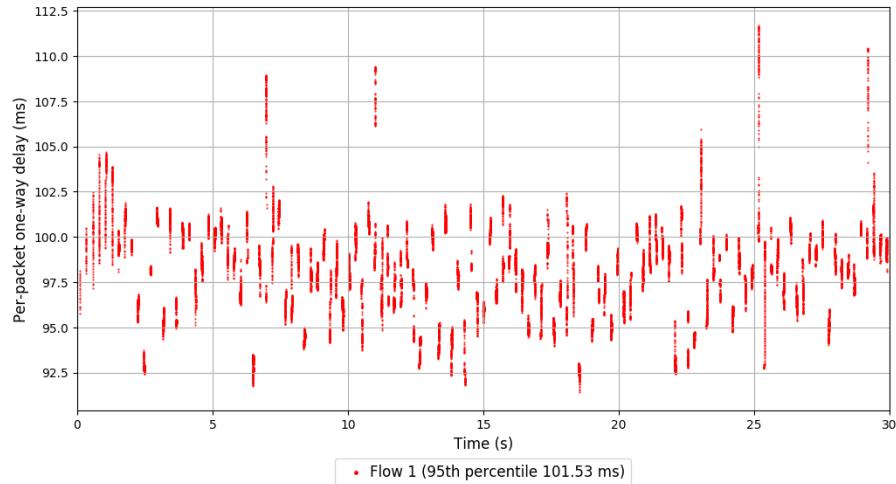
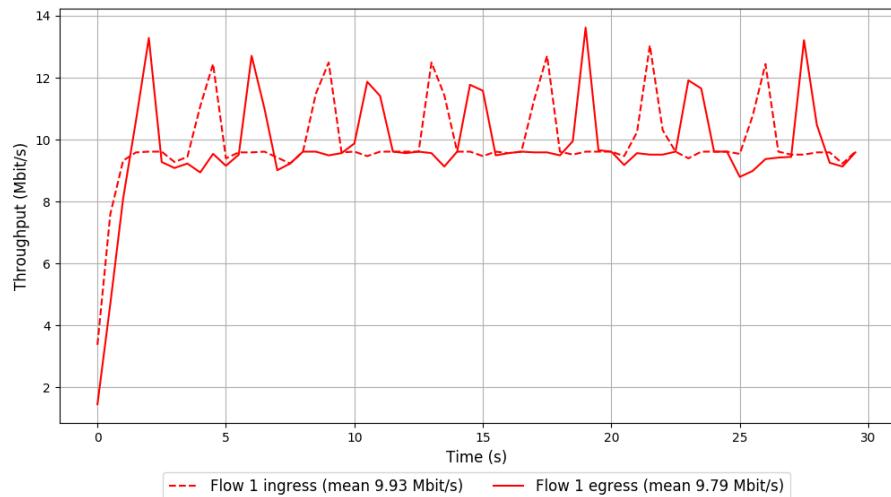


Run 9: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 05:34:01 +0000
End at: Sun, 09 Jul 2017 05:34:31 +0000
Local clock offset: 2.875 ms
Remote clock offset: 0.405 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 101.532 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 101.532 ms
Loss rate: 1.32%
```

Run 9: Report of Saturator — Data Link

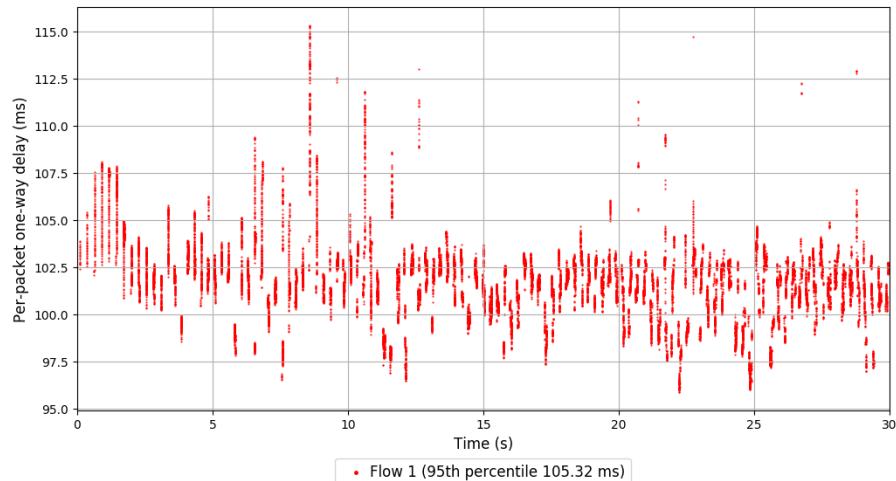
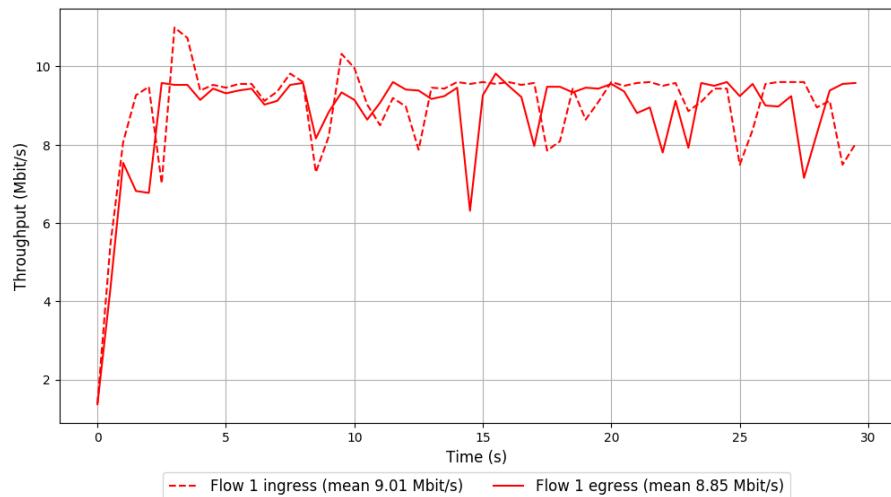


Run 10: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 05:52:08 +0000
End at: Sun, 09 Jul 2017 05:52:38 +0000
Local clock offset: 4.227 ms
Remote clock offset: 0.157 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.85 Mbit/s
95th percentile per-packet one-way delay: 105.317 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 8.85 Mbit/s
95th percentile per-packet one-way delay: 105.317 ms
Loss rate: 1.82%
```

Run 10: Report of Saturator — Data Link

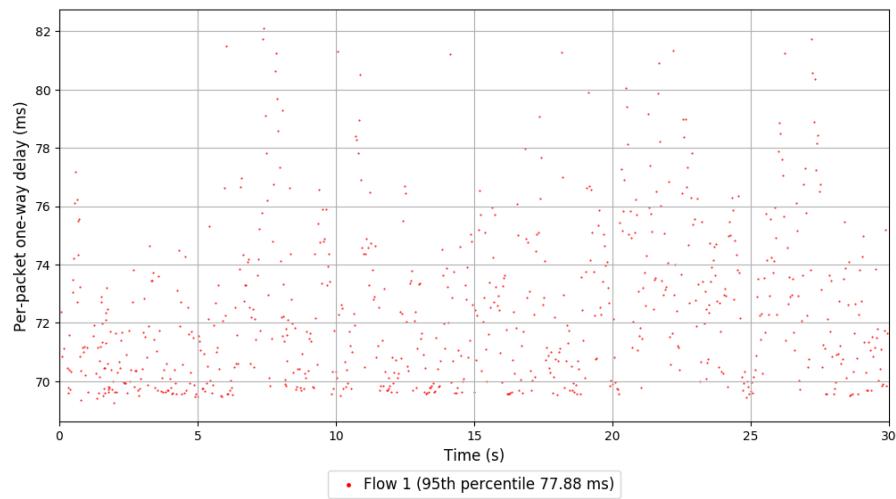
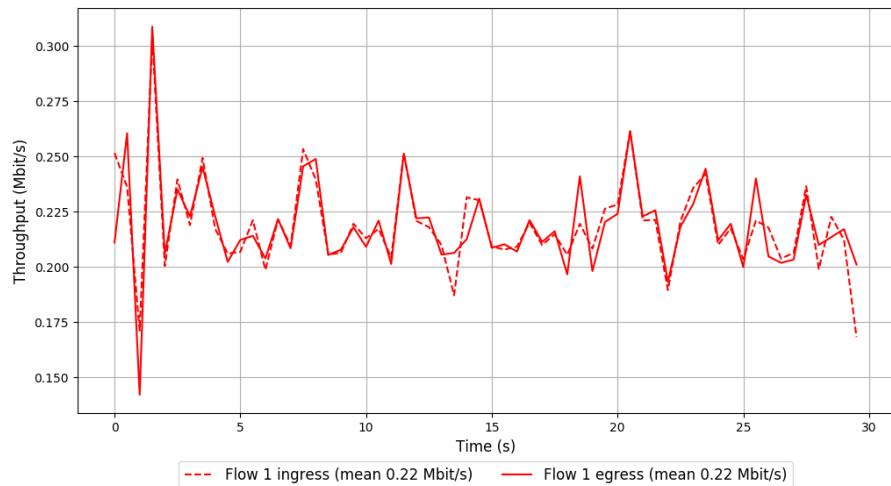


Run 1: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 03:01:00 +0000
End at: Sun, 09 Jul 2017 03:01:30 +0000
Local clock offset: 2.367 ms
Remote clock offset: 0.629 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.884 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

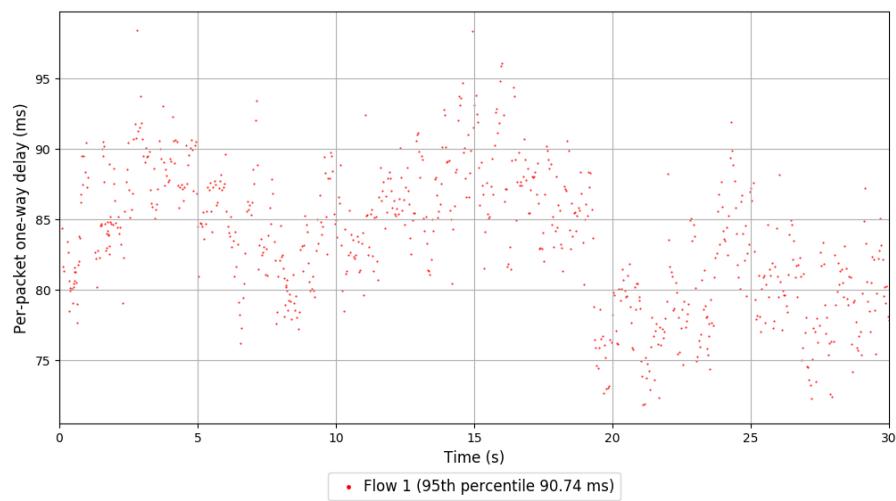
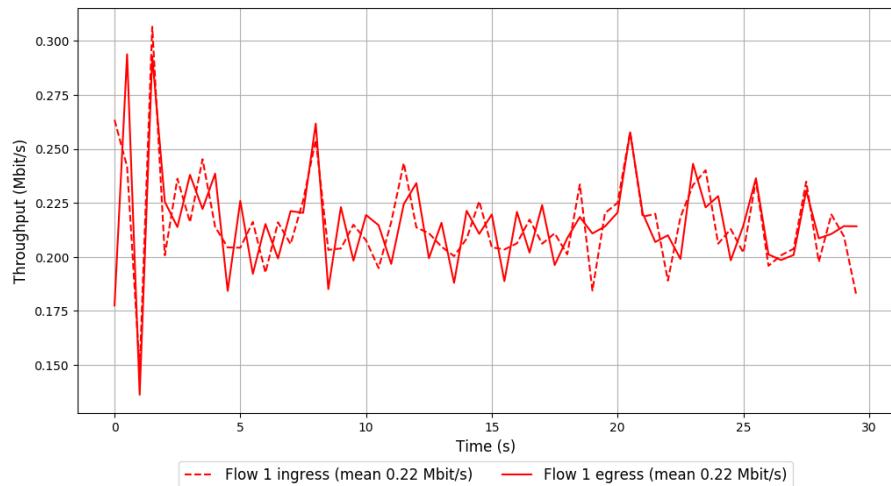


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 03:19:02 +0000
End at: Sun, 09 Jul 2017 03:19:32 +0000
Local clock offset: 0.954 ms
Remote clock offset: 1.121 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 90.744 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 90.744 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

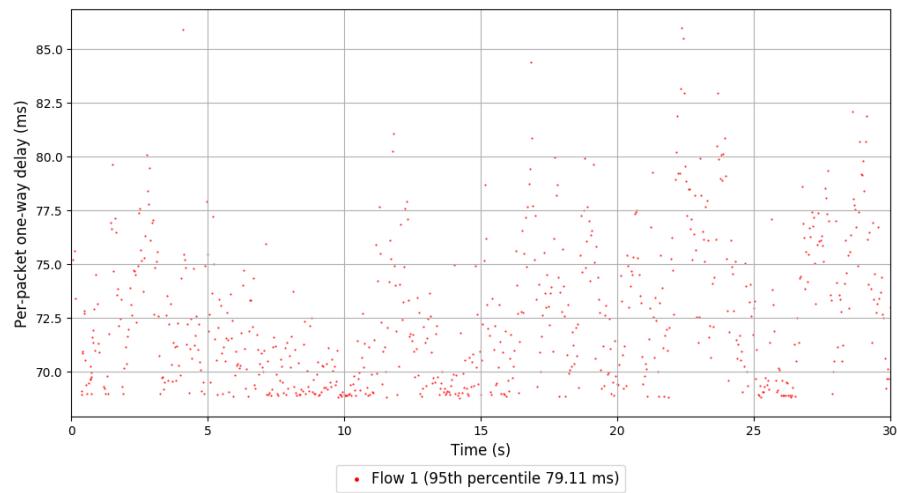
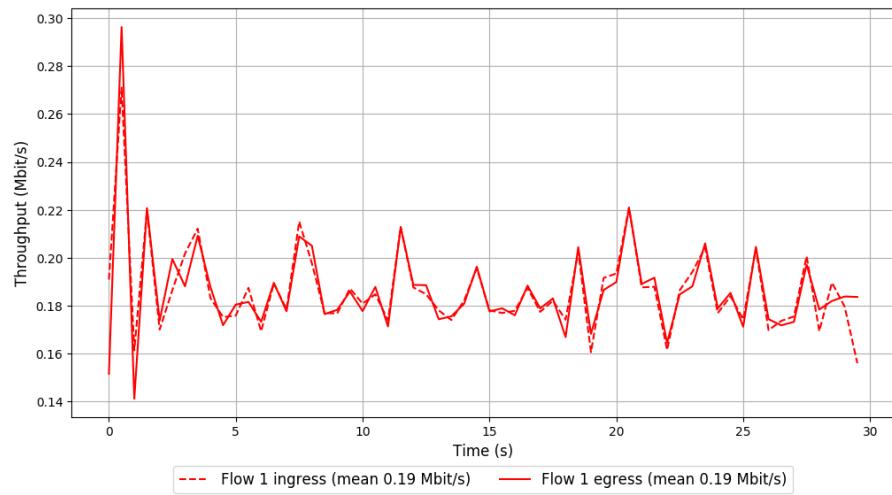


Run 3: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 03:37:15 +0000
End at: Sun, 09 Jul 2017 03:37:45 +0000
Local clock offset: 1.455 ms
Remote clock offset: 1.646 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 79.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 79.109 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

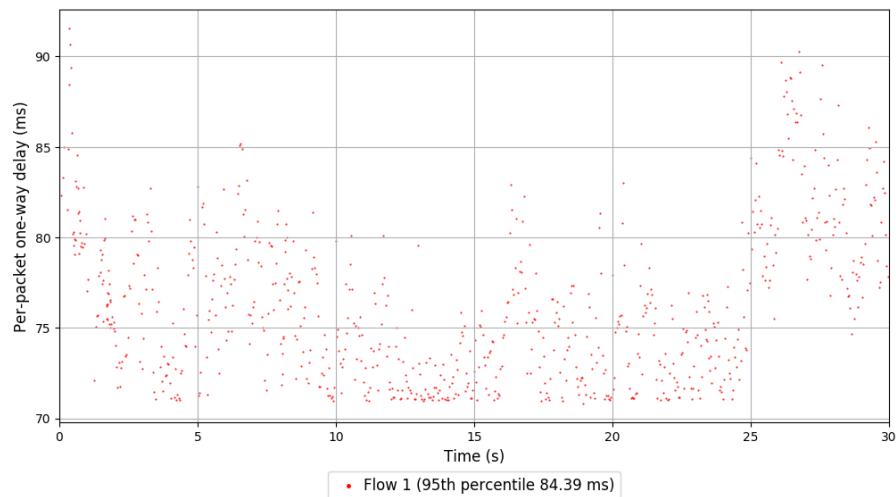
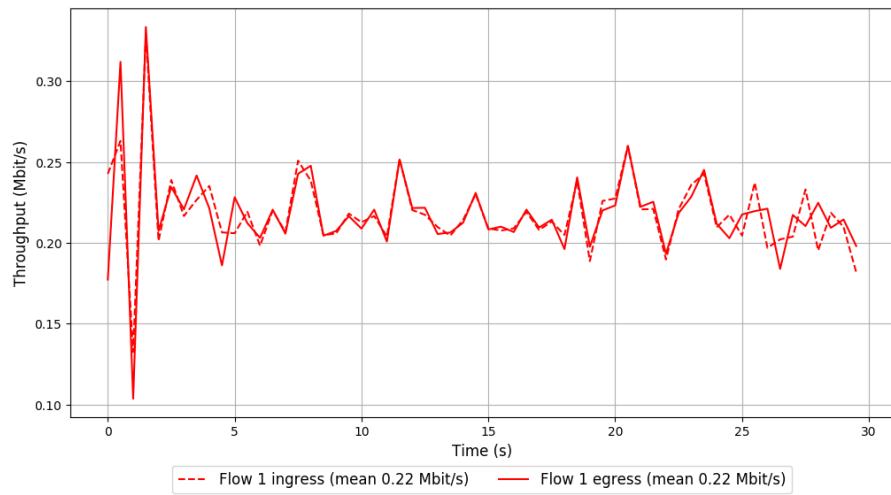


Run 4: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 03:57:23 +0000
End at: Sun, 09 Jul 2017 03:57:53 +0000
Local clock offset: 1.736 ms
Remote clock offset: 1.934 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.390 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.390 ms
Loss rate: 0.12%
```

Run 4: Report of SCReAM — Data Link

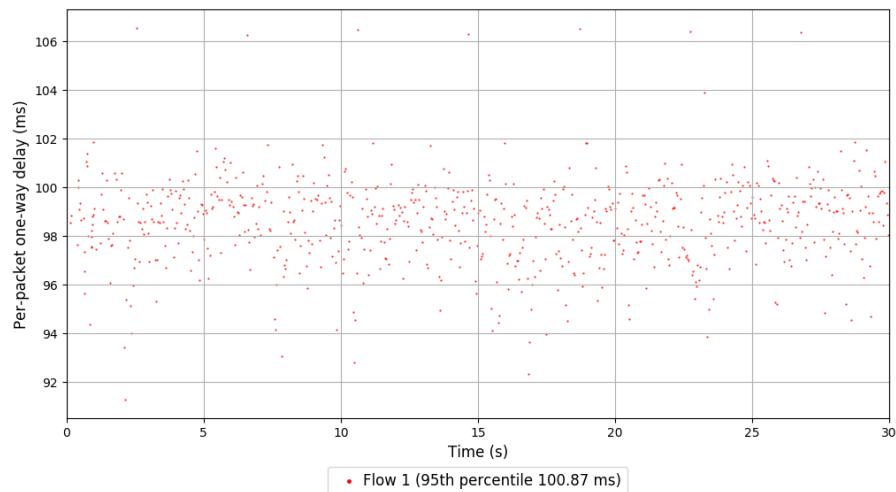
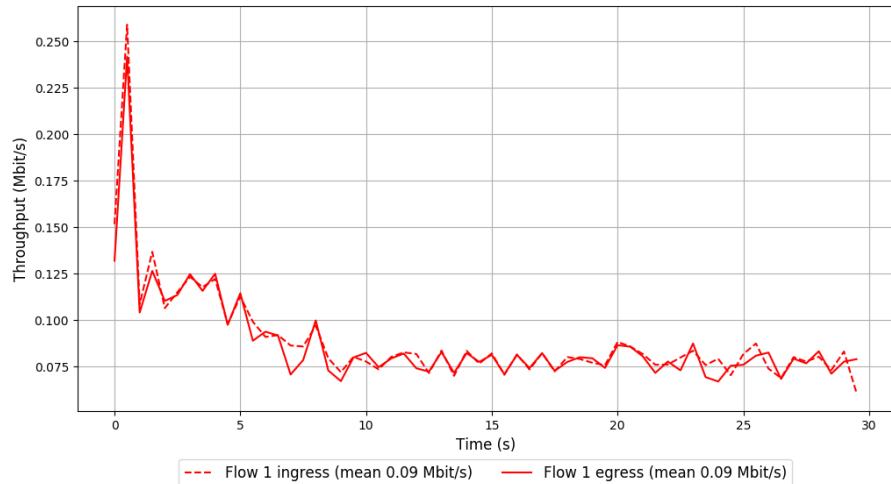


Run 5: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 04:15:31 +0000
End at: Sun, 09 Jul 2017 04:16:01 +0000
Local clock offset: 3.118 ms
Remote clock offset: 1.687 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 100.869 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 100.869 ms
Loss rate: 1.91%
```

Run 5: Report of SCReAM — Data Link

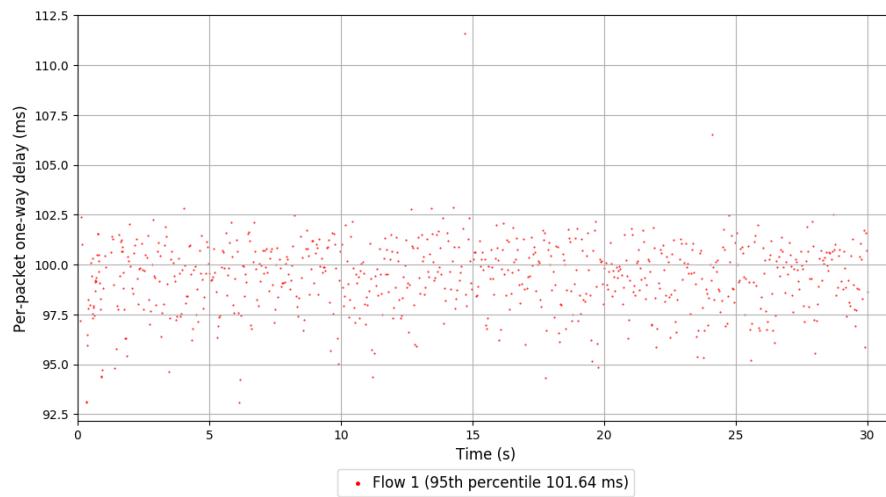
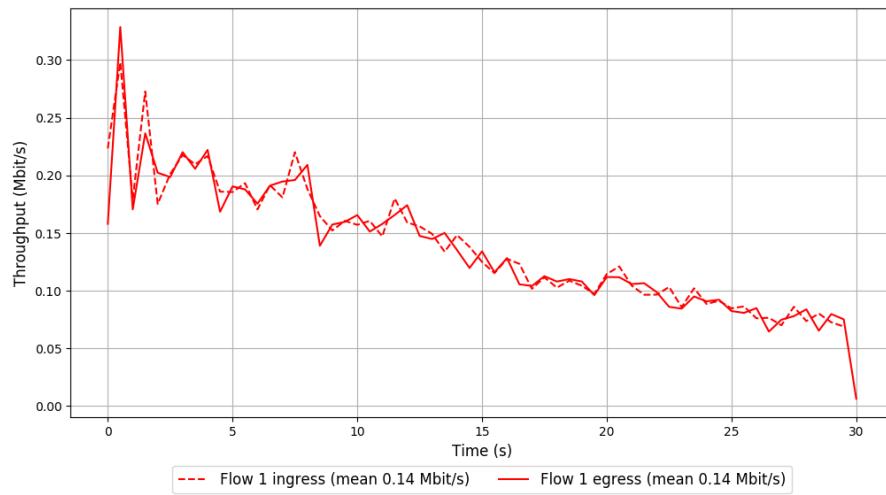


Run 6: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 04:33:34 +0000
End at: Sun, 09 Jul 2017 04:34:04 +0000
Local clock offset: 2.327 ms
Remote clock offset: 1.428 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 101.641 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 101.641 ms
Loss rate: 1.28%
```

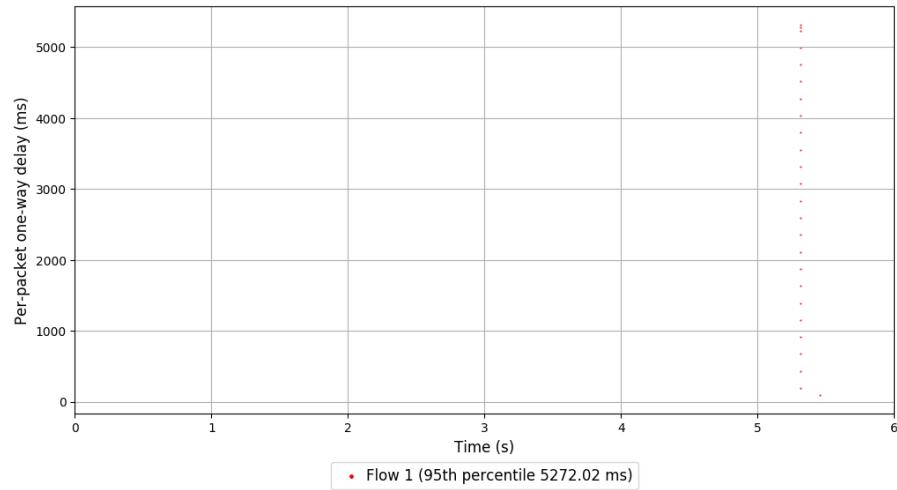
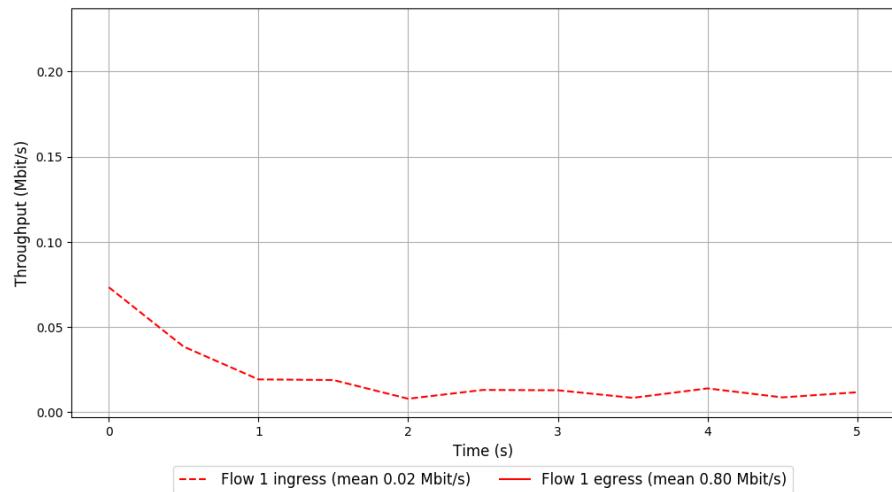
Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 04:51:42 +0000
End at: Sun, 09 Jul 2017 04:52:12 +0000
Local clock offset: 2.45 ms
Remote clock offset: 0.982 ms

Run 7: Report of SCReAM — Data Link

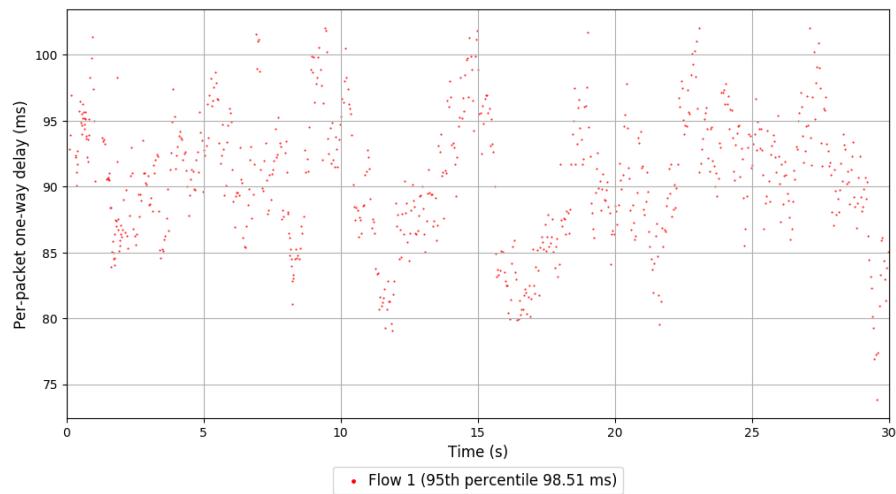
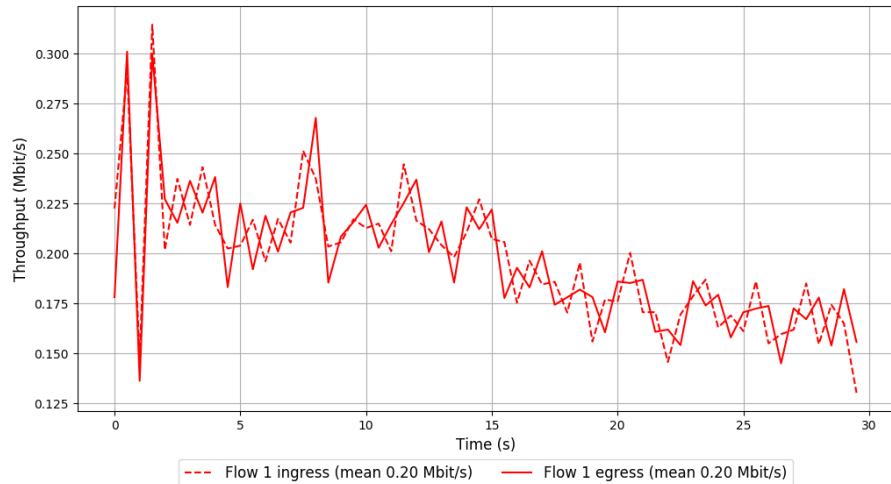


Run 8: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 05:09:48 +0000
End at: Sun, 09 Jul 2017 05:10:18 +0000
Local clock offset: 3.885 ms
Remote clock offset: 0.748 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 98.506 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 98.506 ms
Loss rate: 0.12%
```

Run 8: Report of SCReAM — Data Link

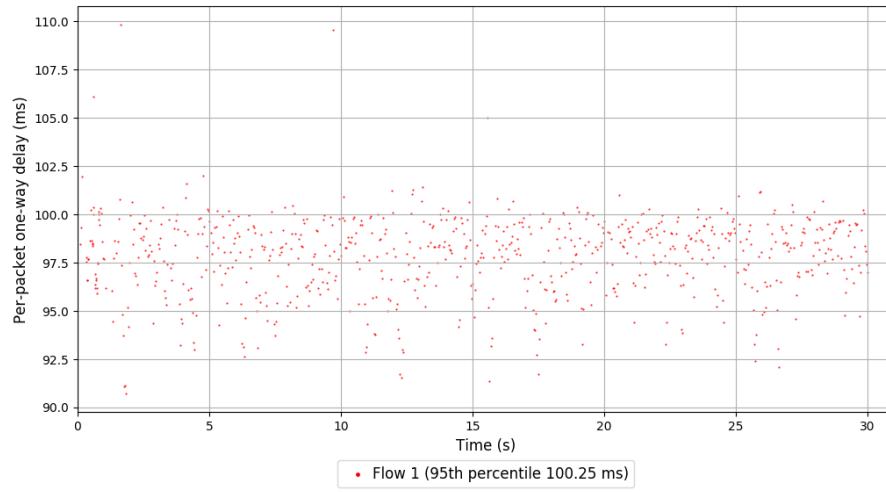
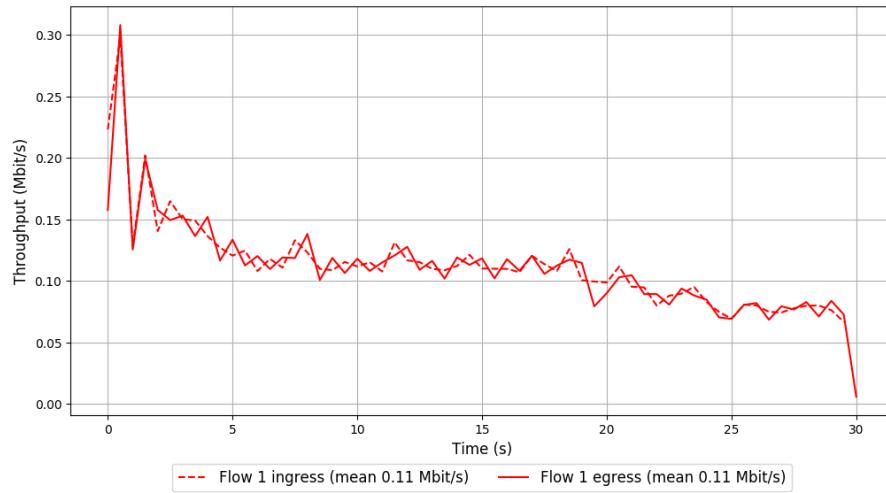


Run 9: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 05:27:58 +0000
End at: Sun, 09 Jul 2017 05:28:28 +0000
Local clock offset: 2.815 ms
Remote clock offset: 0.424 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 100.247 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 100.247 ms
Loss rate: 1.06%
```

Run 9: Report of SCReAM — Data Link

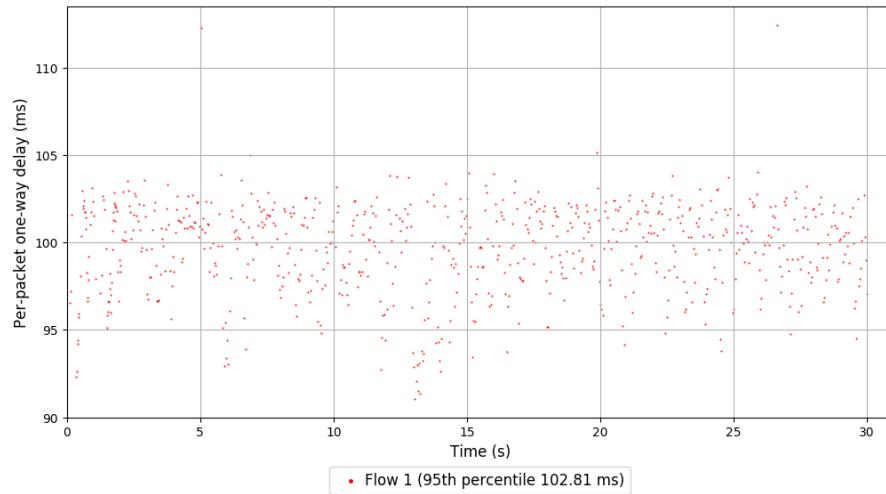
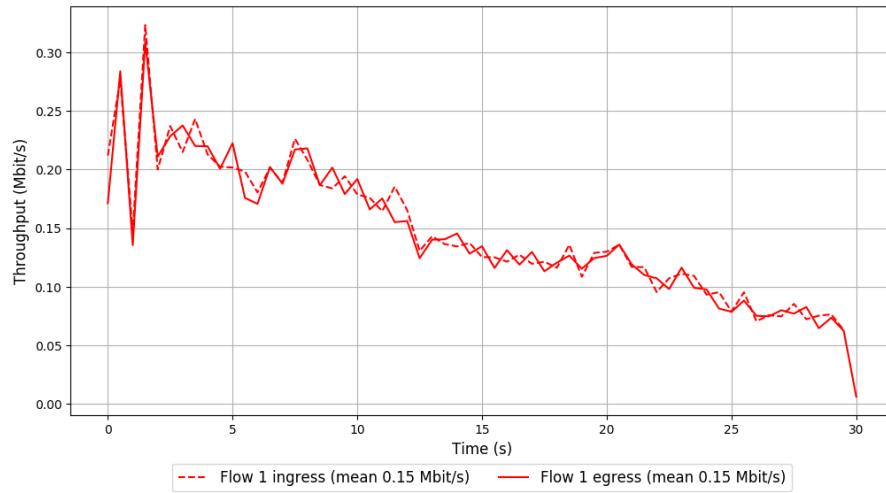


Run 10: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 05:46:09 +0000
End at: Sun, 09 Jul 2017 05:46:39 +0000
Local clock offset: 4.533 ms
Remote clock offset: 0.228 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 102.814 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 102.814 ms
Loss rate: 1.27%
```

Run 10: Report of SCReAM — Data Link

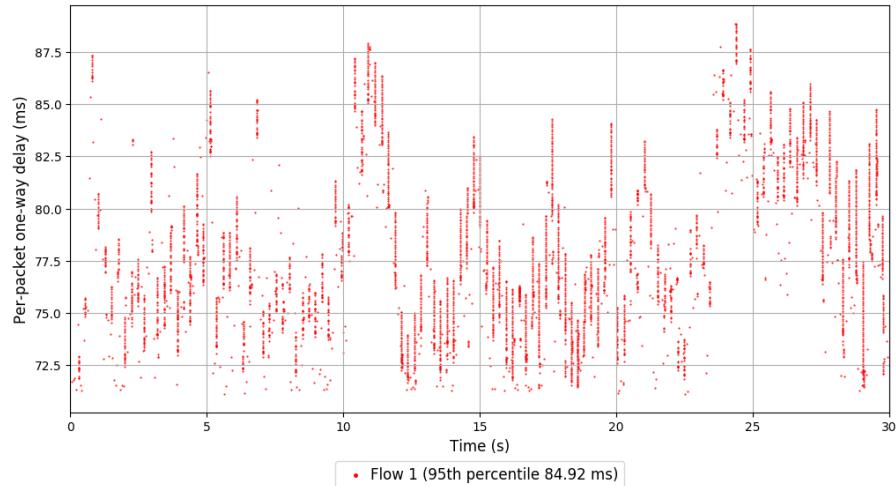
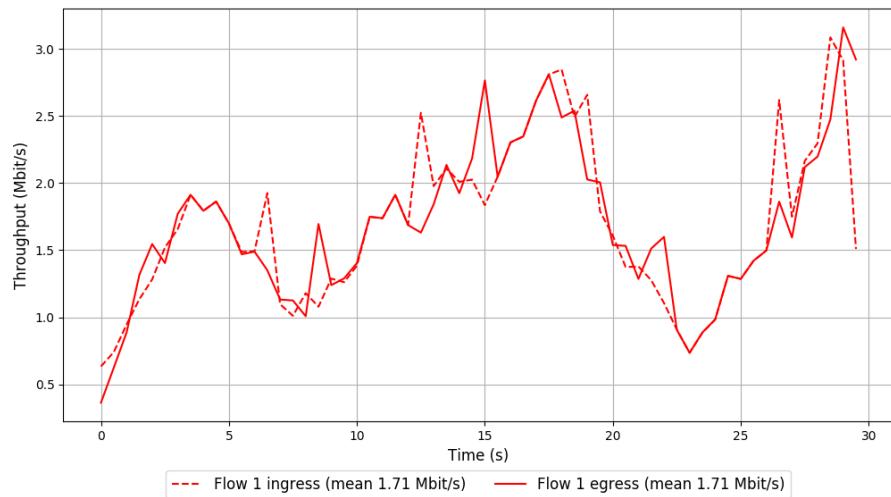


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 03:13:01 +0000
End at: Sun, 09 Jul 2017 03:13:31 +0000
Local clock offset: 1.406 ms
Remote clock offset: 1.016 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 84.922 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 84.922 ms
Loss rate: 0.01%
```

Run 1: Report of Sprout — Data Link

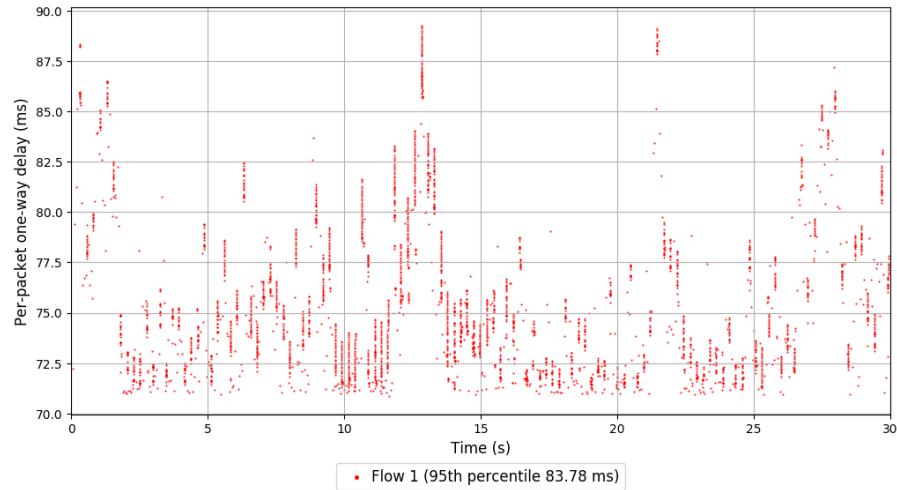
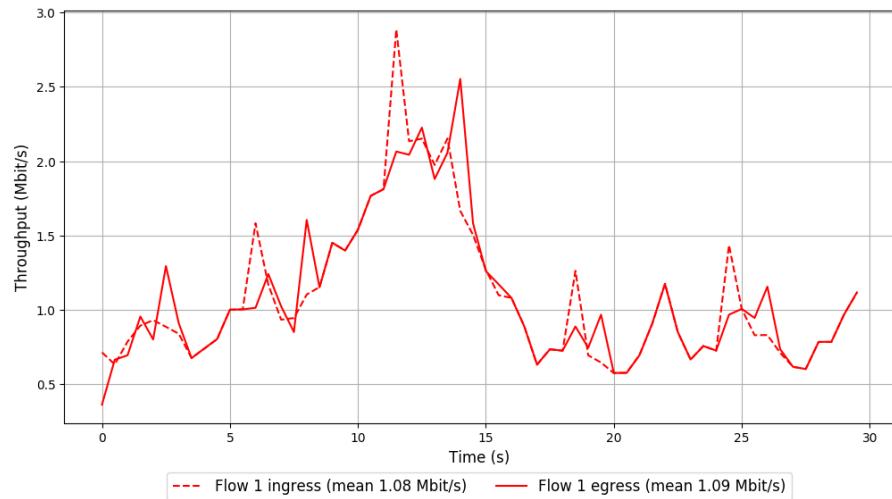


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 03:31:02 +0000
End at: Sun, 09 Jul 2017 03:31:32 +0000
Local clock offset: 1.528 ms
Remote clock offset: 1.472 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 83.775 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 83.775 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

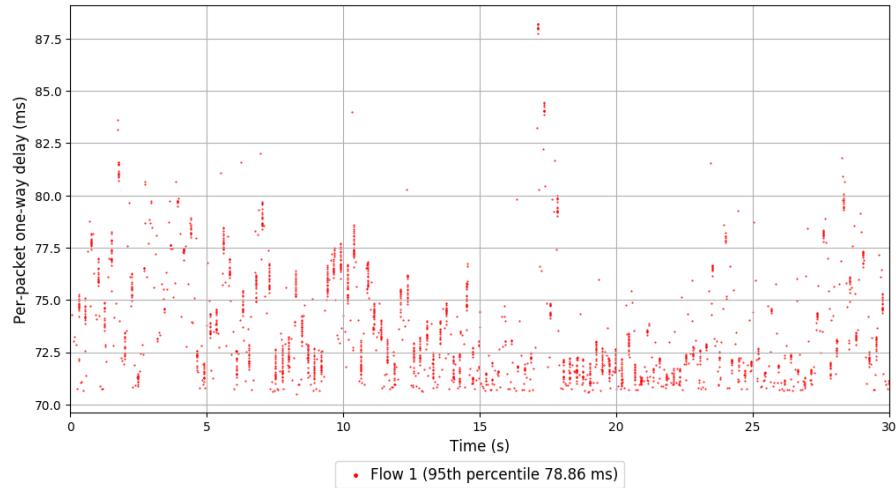
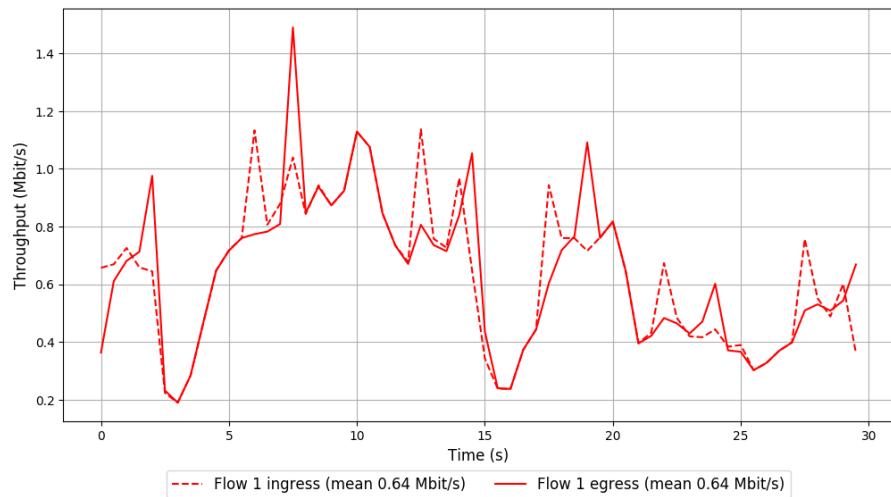


Run 3: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 03:51:22 +0000
End at: Sun, 09 Jul 2017 03:51:52 +0000
Local clock offset: 1.621 ms
Remote clock offset: 1.919 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 78.855 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 78.855 ms
Loss rate: 0.11%
```

Run 3: Report of Sprout — Data Link

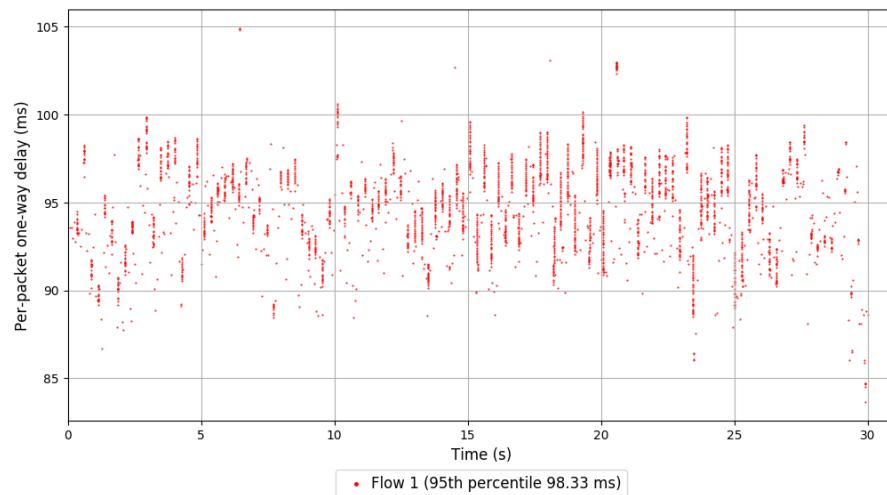
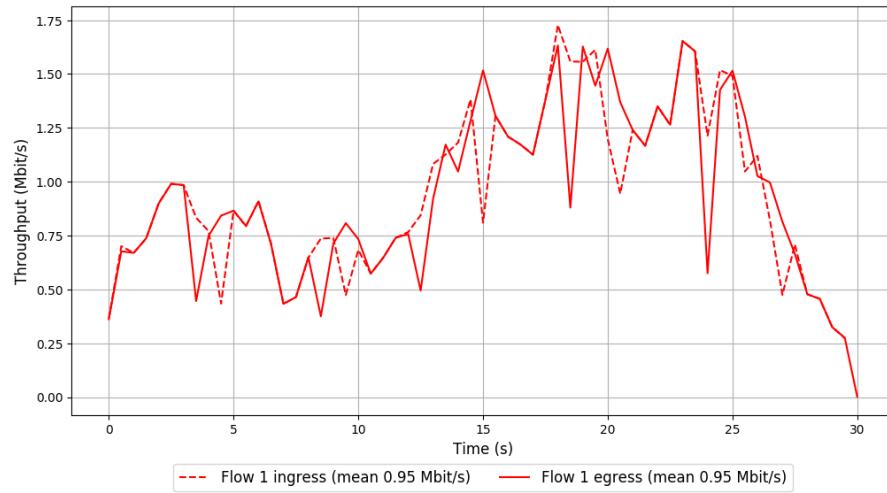


Run 4: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 04:09:25 +0000
End at: Sun, 09 Jul 2017 04:09:55 +0000
Local clock offset: 3.351 ms
Remote clock offset: 1.728 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 98.328 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 98.328 ms
Loss rate: 0.21%
```

Run 4: Report of Sprout — Data Link

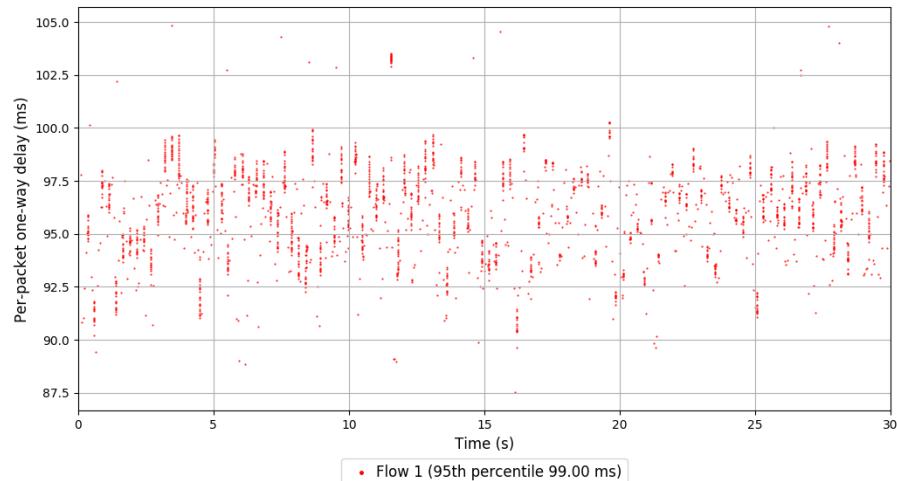
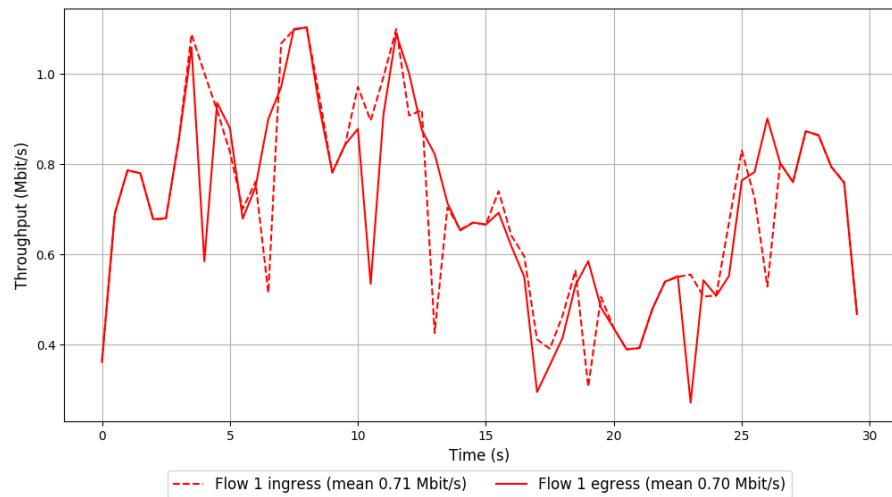


Run 5: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 04:27:31 +0000
End at: Sun, 09 Jul 2017 04:28:01 +0000
Local clock offset: 2.236 ms
Remote clock offset: 1.602 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 99.004 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 99.004 ms
Loss rate: 0.79%
```

Run 5: Report of Sprout — Data Link

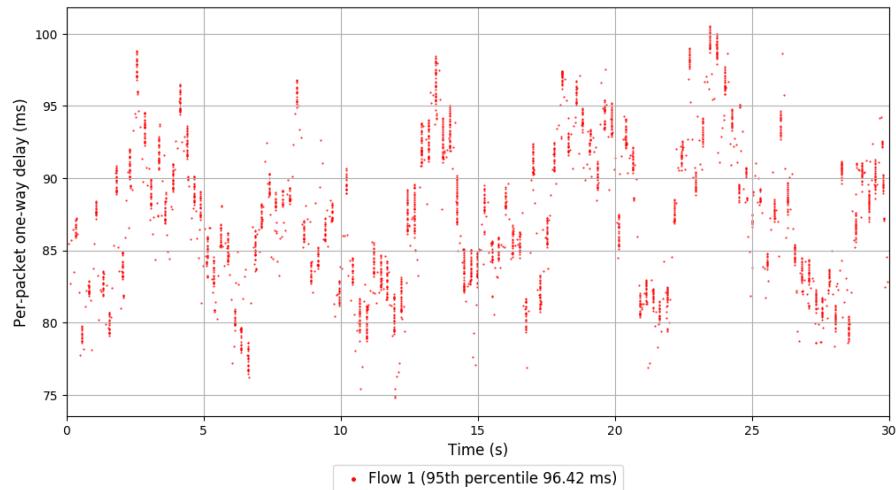
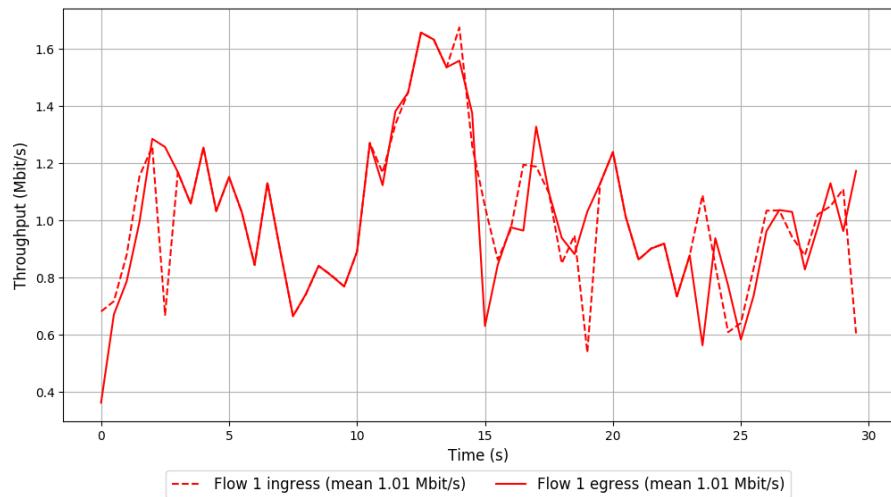


Run 6: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 04:45:41 +0000
End at: Sun, 09 Jul 2017 04:46:11 +0000
Local clock offset: 2.368 ms
Remote clock offset: 1.118 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 96.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 96.422 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

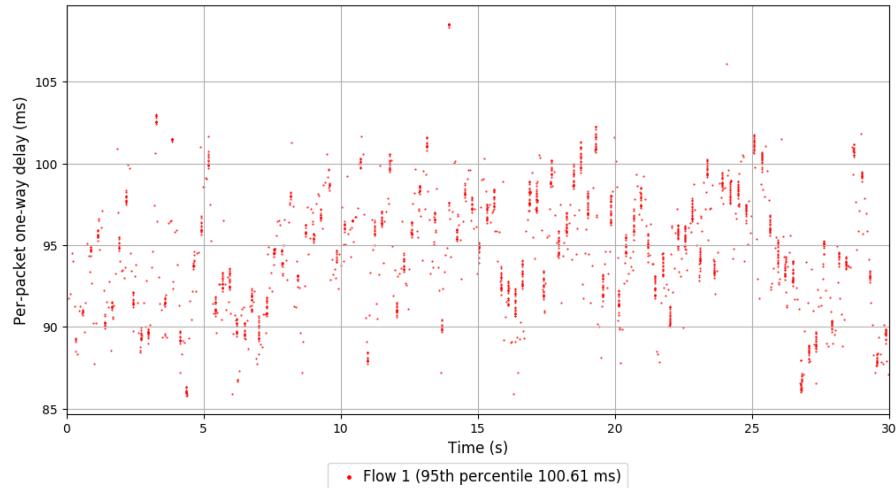
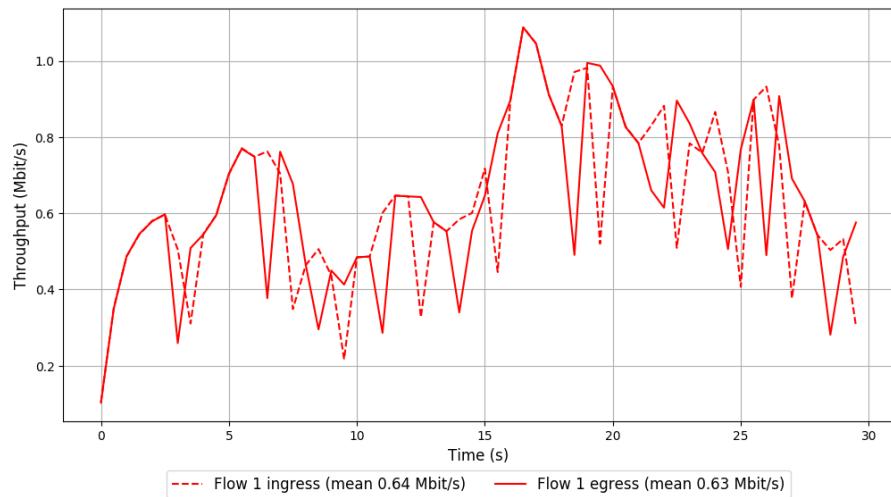


Run 7: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 05:03:46 +0000
End at: Sun, 09 Jul 2017 05:04:16 +0000
Local clock offset: 2.591 ms
Remote clock offset: 0.8 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 100.611 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 100.611 ms
Loss rate: 0.12%
```

Run 7: Report of Sprout — Data Link

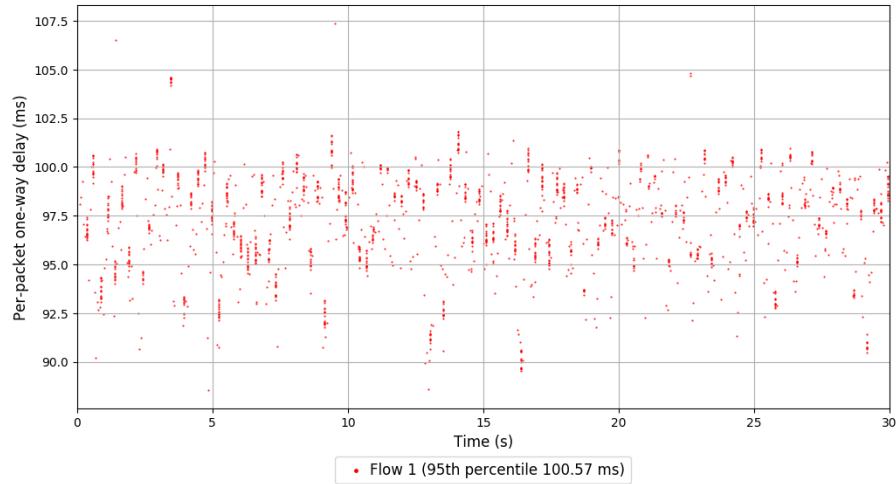
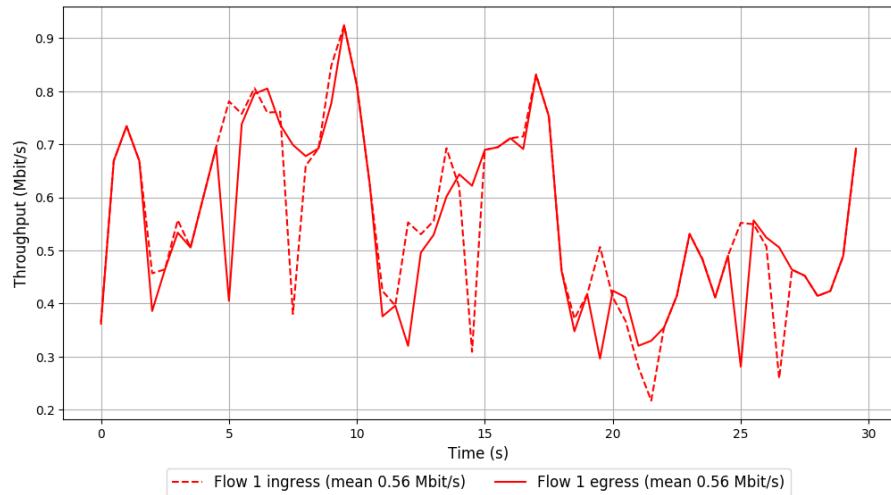


Run 8: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 05:21:46 +0000
End at: Sun, 09 Jul 2017 05:22:16 +0000
Local clock offset: 2.526 ms
Remote clock offset: 0.649 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 100.570 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 100.570 ms
Loss rate: 1.08%
```

Run 8: Report of Sprout — Data Link

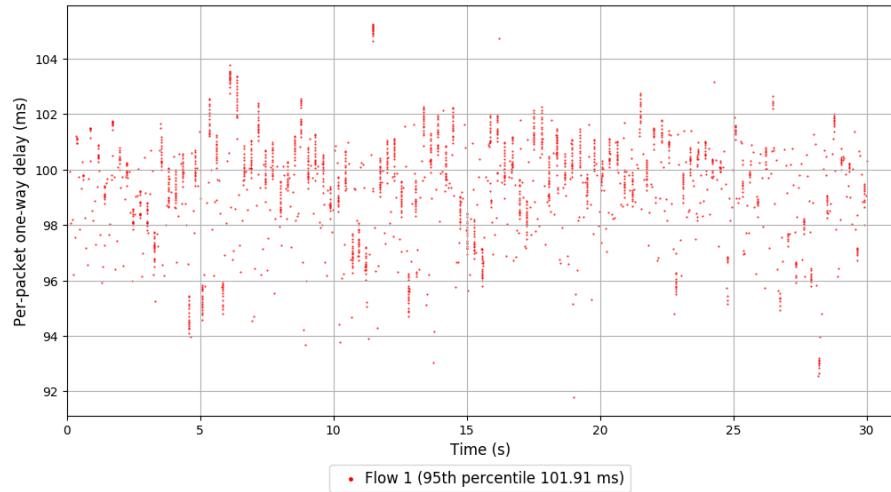
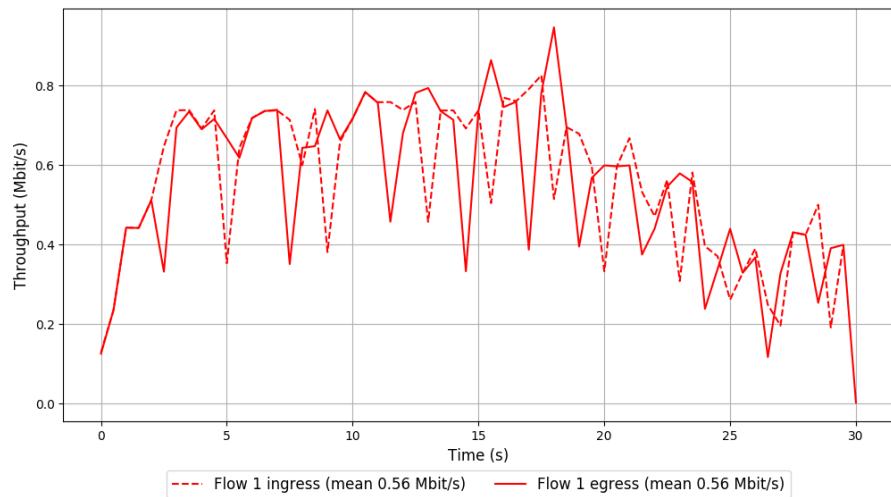


Run 9: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 05:40:06 +0000
End at: Sun, 09 Jul 2017 05:40:36 +0000
Local clock offset: 3.067 ms
Remote clock offset: 0.314 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:16:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 101.907 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 101.907 ms
Loss rate: 1.09%
```

Run 9: Report of Sprout — Data Link

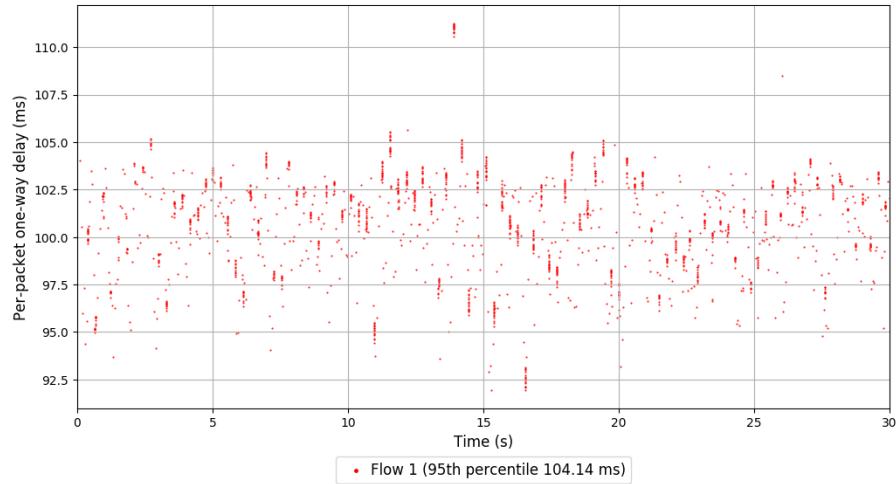
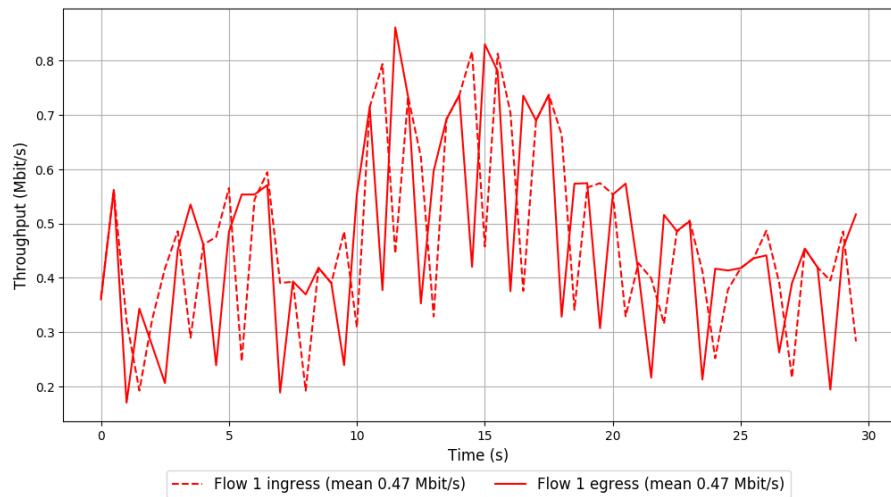


Run 10: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 05:58:12 +0000
End at: Sun, 09 Jul 2017 05:58:42 +0000
Local clock offset: 2.971 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 104.140 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 104.140 ms
Loss rate: 0.85%
```

Run 10: Report of Sprout — Data Link

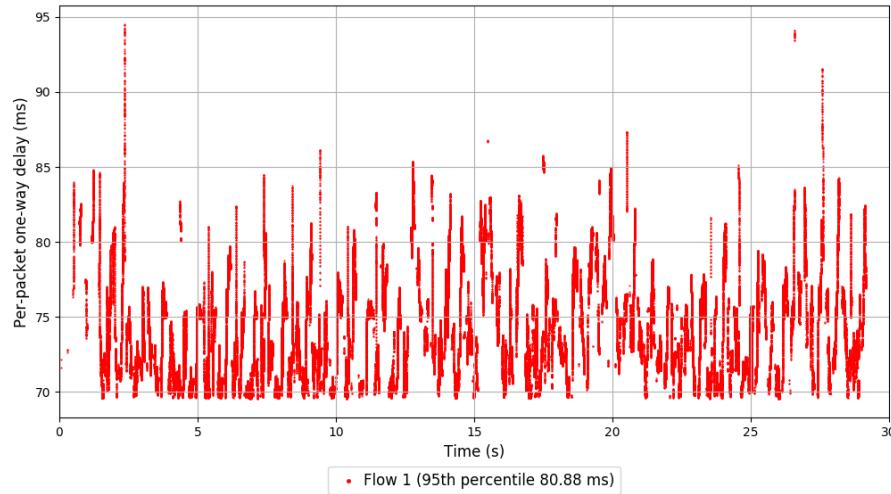
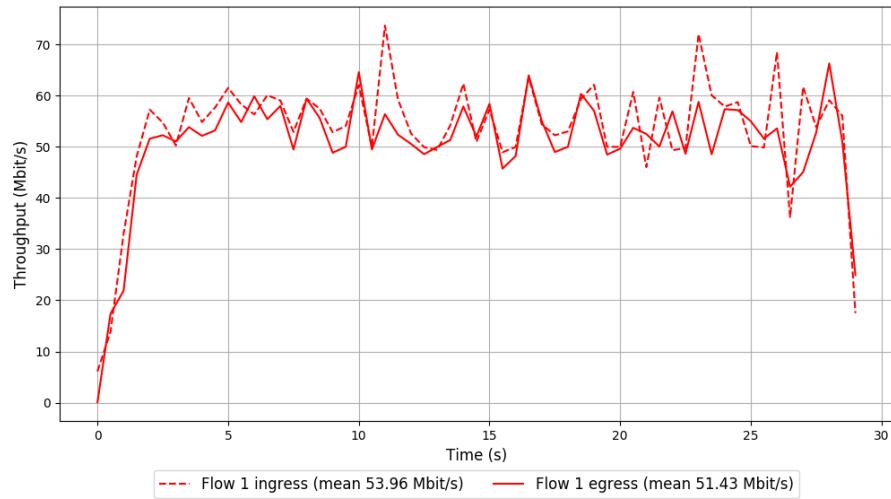


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 02:59:43 +0000
End at: Sun, 09 Jul 2017 03:00:13 +0000
Local clock offset: 1.174 ms
Remote clock offset: 0.648 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 80.878 ms
Loss rate: 4.67%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 80.878 ms
Loss rate: 4.67%
```

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

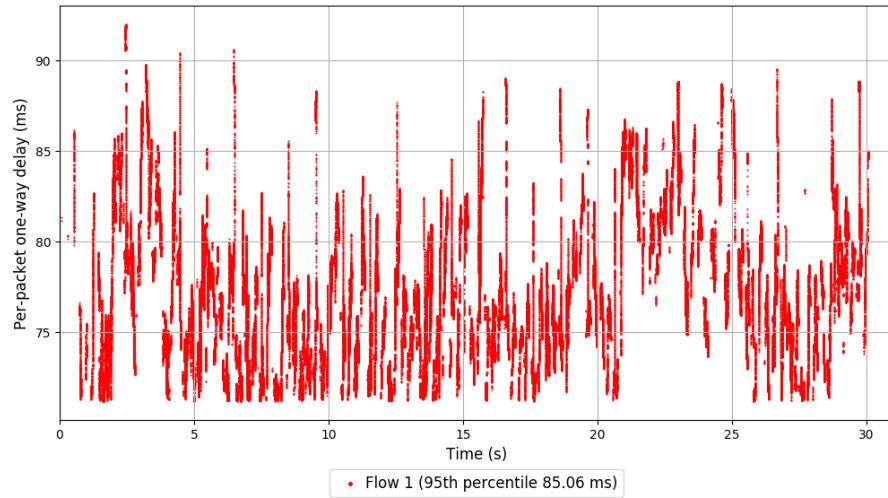
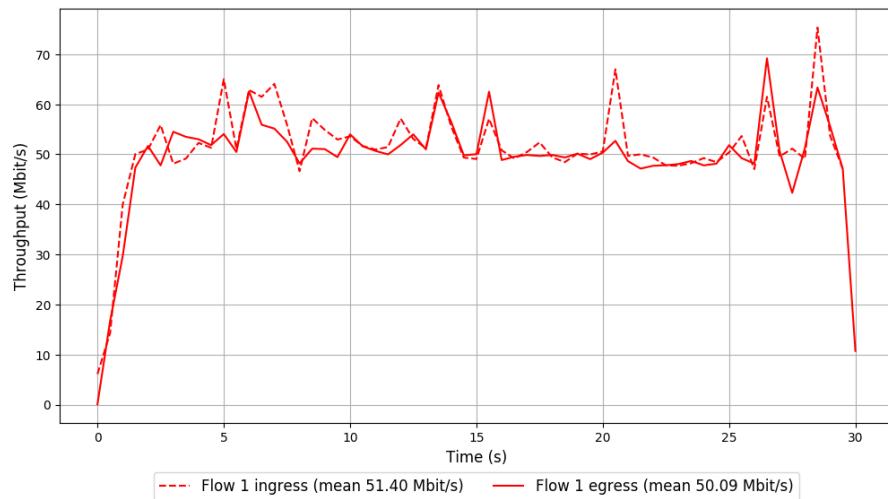


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 03:17:46 +0000
End at: Sun, 09 Jul 2017 03:18:16 +0000
Local clock offset: 2.575 ms
Remote clock offset: 1.067 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 85.060 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 85.060 ms
Loss rate: 2.53%
```

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

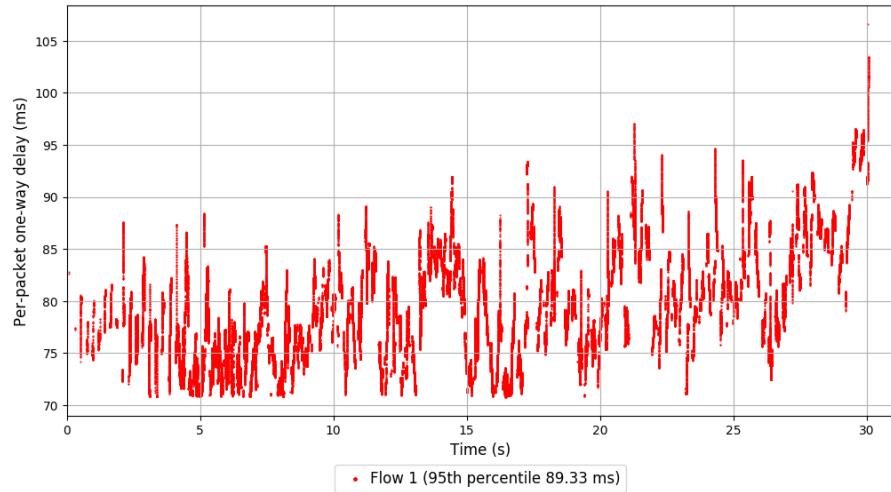
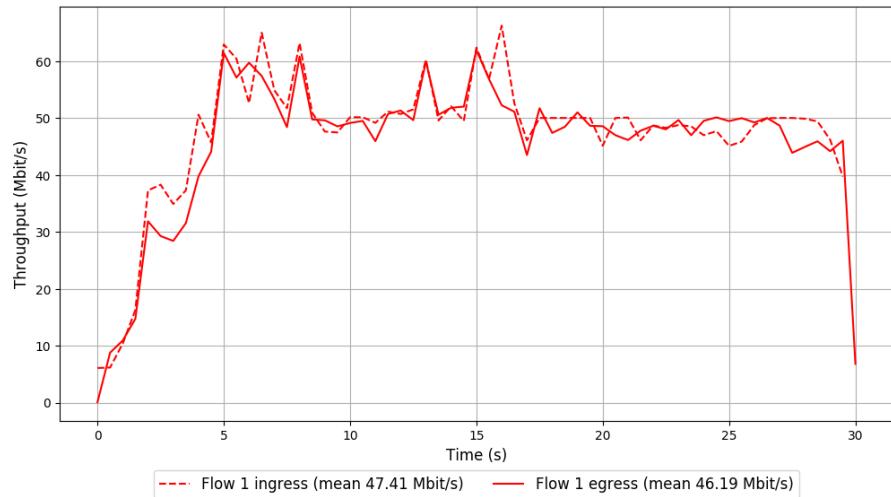


Run 3: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 03:35:48 +0000
End at: Sun, 09 Jul 2017 03:36:18 +0000
Local clock offset: 1.542 ms
Remote clock offset: 1.579 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.19 Mbit/s
95th percentile per-packet one-way delay: 89.327 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 46.19 Mbit/s
95th percentile per-packet one-way delay: 89.327 ms
Loss rate: 2.57%
```

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

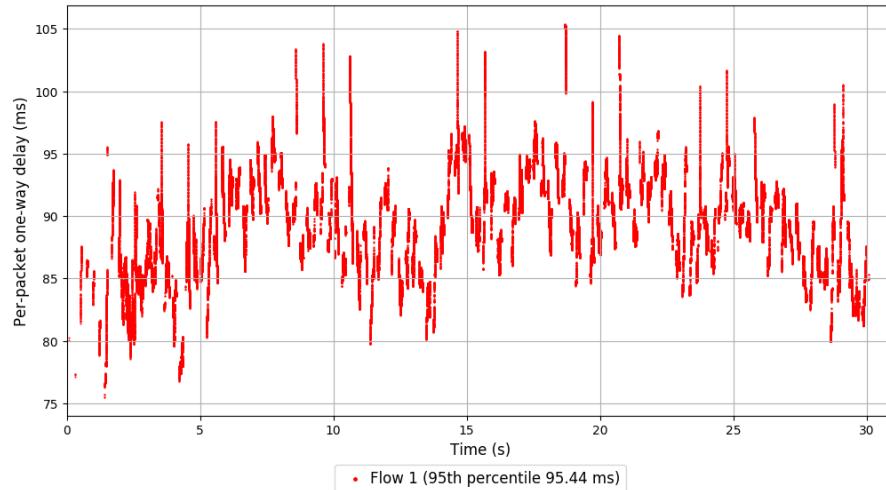
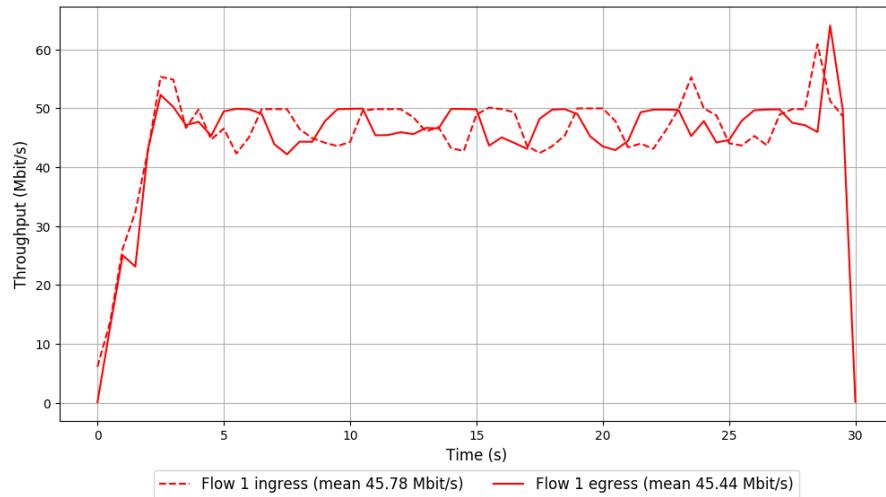


Run 4: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 03:56:07 +0000
End at: Sun, 09 Jul 2017 03:56:37 +0000
Local clock offset: 1.775 ms
Remote clock offset: 1.937 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 95.440 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 95.440 ms
Loss rate: 0.73%
```

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

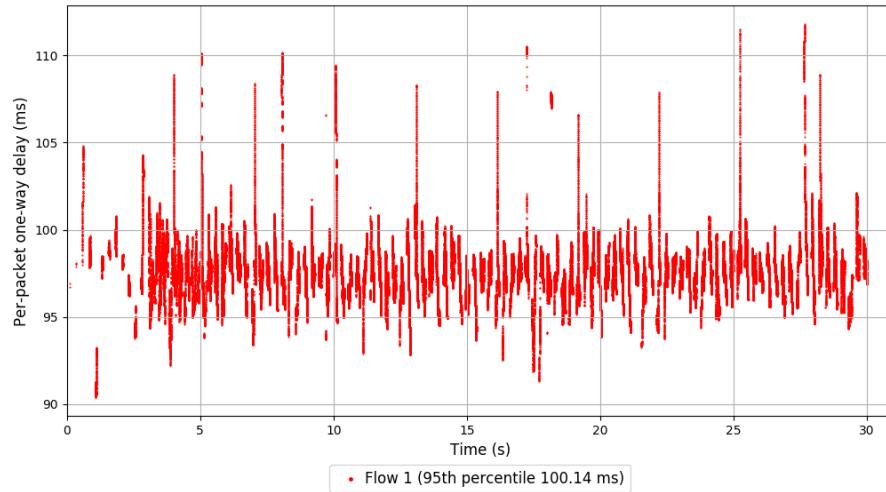
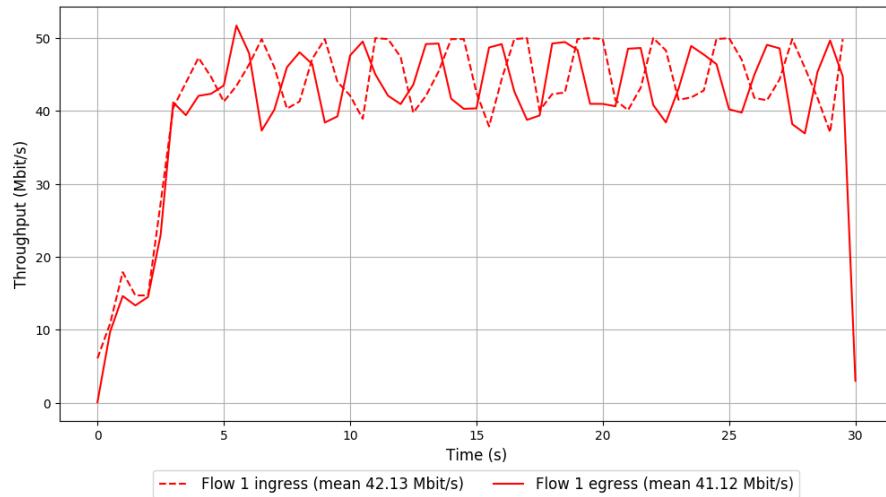


Run 5: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 04:14:15 +0000
End at: Sun, 09 Jul 2017 04:14:45 +0000
Local clock offset: 0.741 ms
Remote clock offset: 1.693 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 100.143 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 100.143 ms
Loss rate: 2.39%
```

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

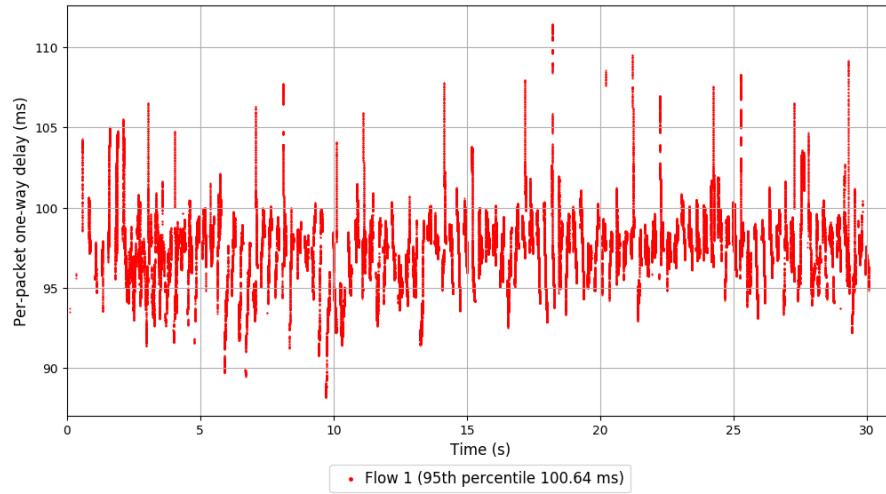
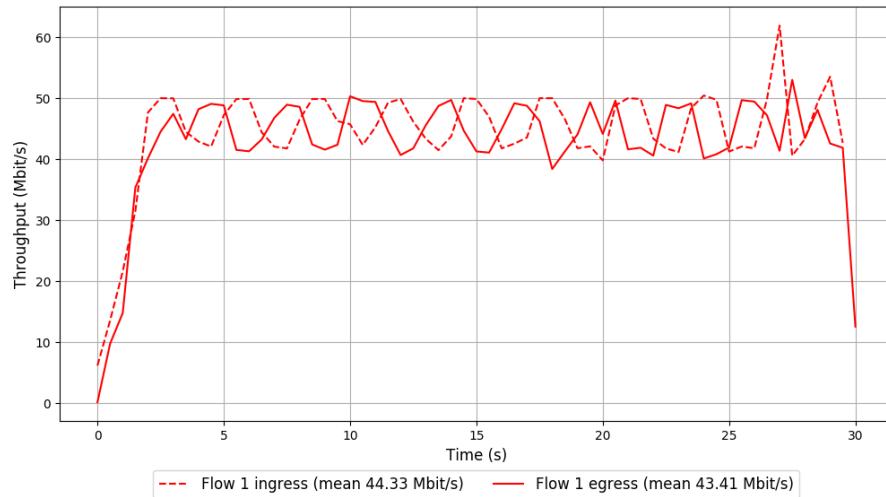


Run 6: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 04:32:17 +0000
End at: Sun, 09 Jul 2017 04:32:47 +0000
Local clock offset: 3.161 ms
Remote clock offset: 1.467 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 100.639 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 100.639 ms
Loss rate: 2.09%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 04:50:26 +0000

End at: Sun, 09 Jul 2017 04:50:56 +0000

Local clock offset: 2.384 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.16 Mbit/s

95th percentile per-packet one-way delay: 103.331 ms

Loss rate: 1.52%

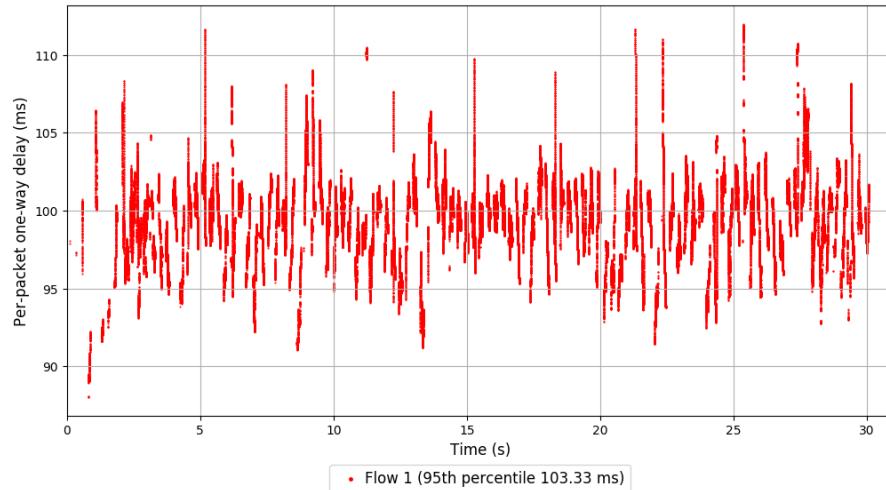
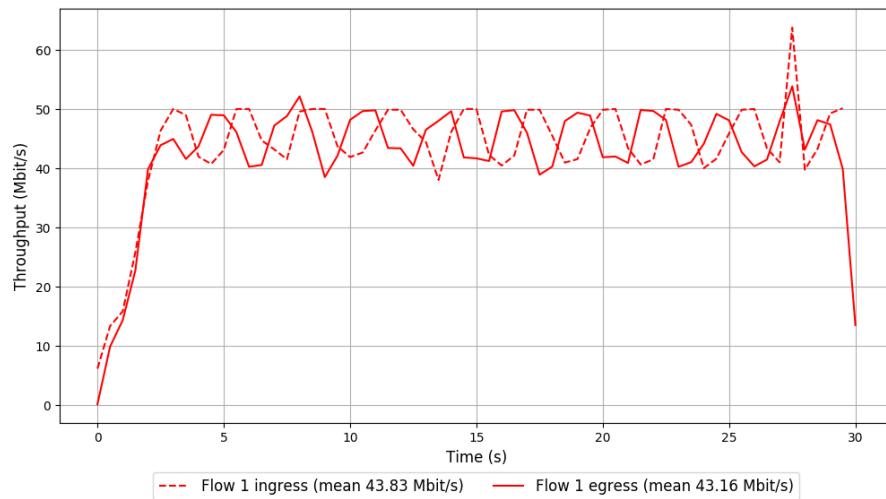
-- Flow 1:

Average throughput: 43.16 Mbit/s

95th percentile per-packet one-way delay: 103.331 ms

Loss rate: 1.52%

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

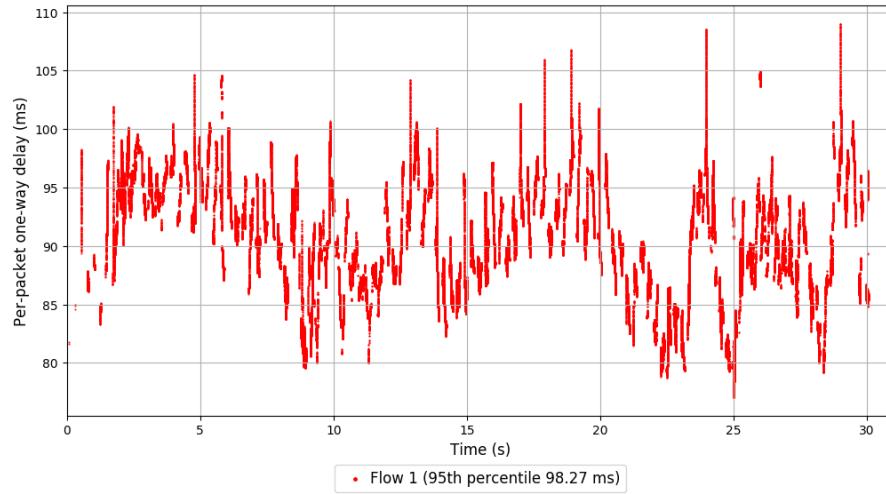
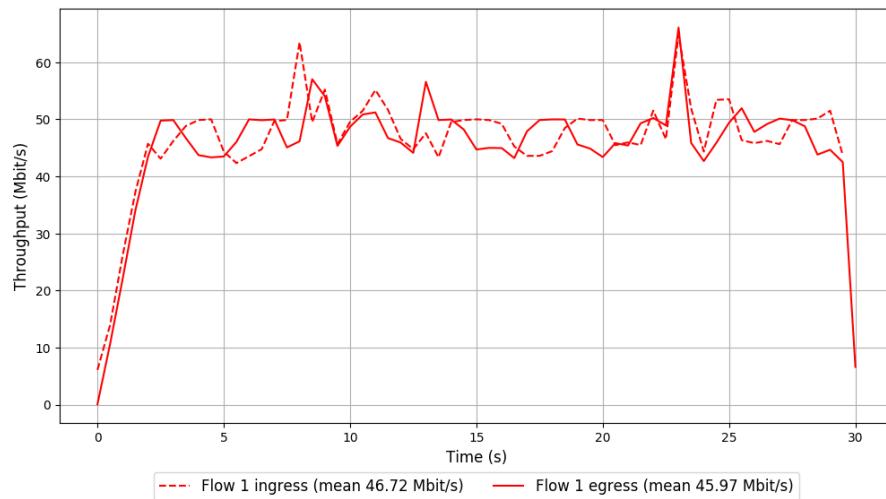


Run 8: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 05:08:32 +0000
End at: Sun, 09 Jul 2017 05:09:02 +0000
Local clock offset: 2.485 ms
Remote clock offset: 0.716 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 98.271 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 98.271 ms
Loss rate: 1.59%
```

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

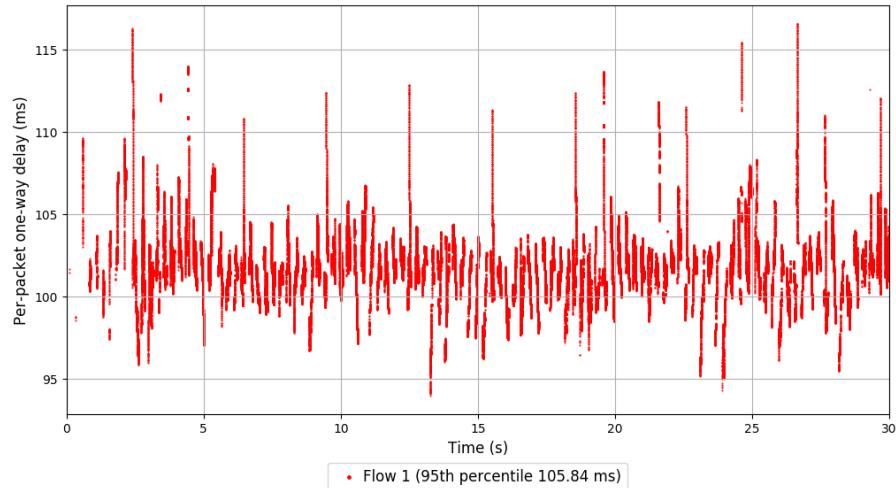
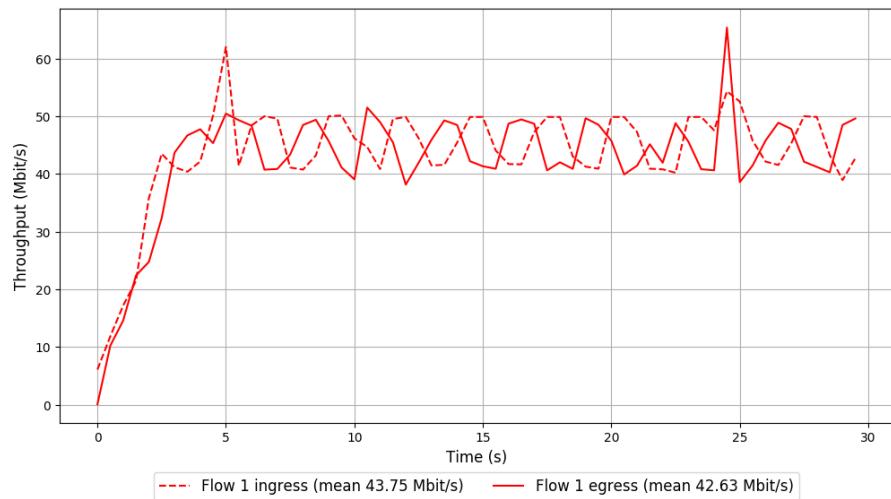


Run 9: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 05:26:36 +0000
End at: Sun, 09 Jul 2017 05:27:06 +0000
Local clock offset: 3.821 ms
Remote clock offset: 0.463 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 105.838 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 105.838 ms
Loss rate: 2.57%
```

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

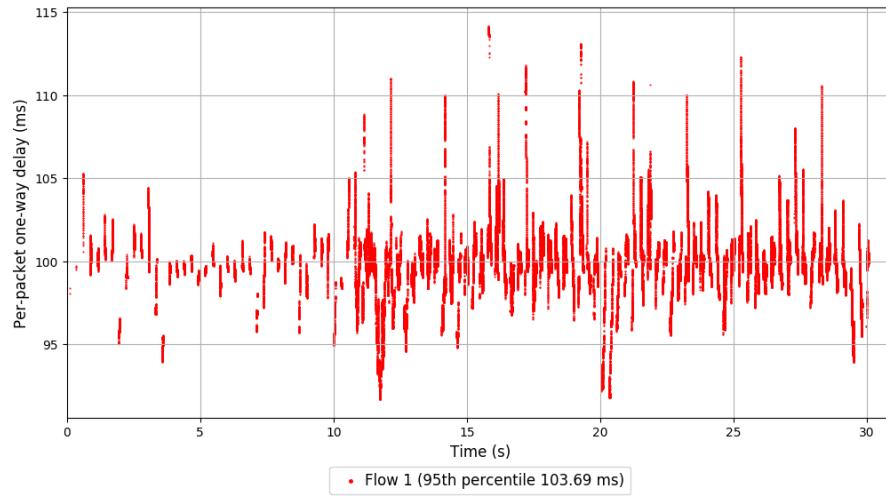
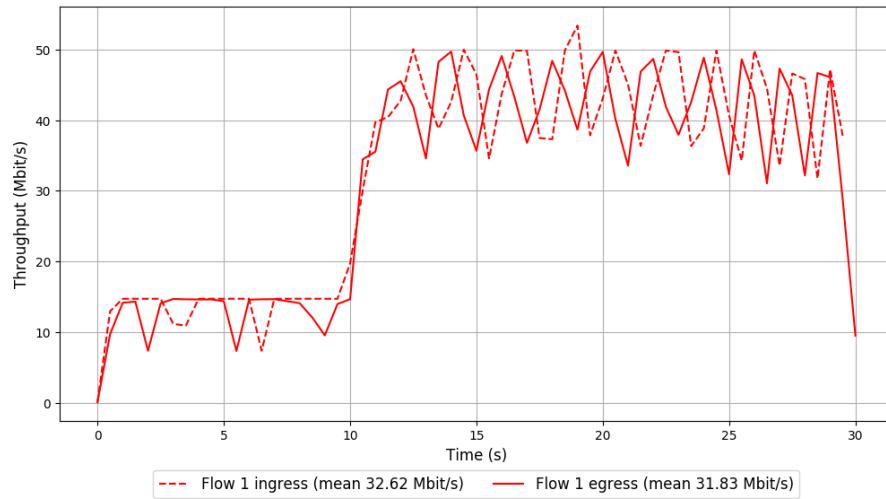


Run 10: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 05:44:54 +0000
End at: Sun, 09 Jul 2017 05:45:24 +0000
Local clock offset: 3.164 ms
Remote clock offset: 0.245 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 103.691 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 103.691 ms
Loss rate: 2.46%
```

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

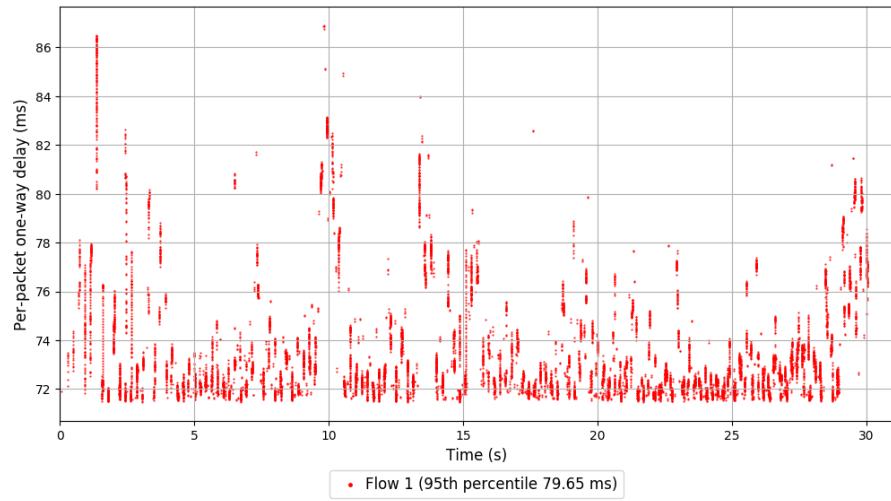
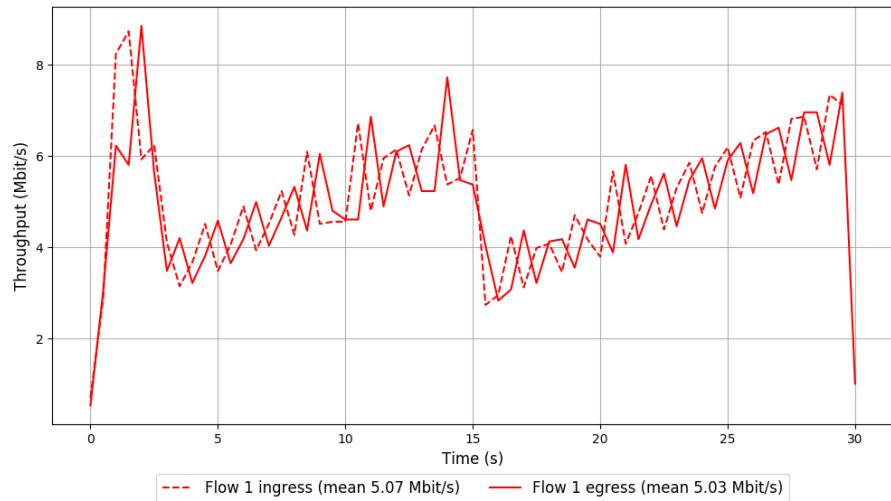


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 02:57:18 +0000
End at: Sun, 09 Jul 2017 02:57:48 +0000
Local clock offset: 2.669 ms
Remote clock offset: 0.522 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 79.648 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 79.648 ms
Loss rate: 0.83%
```

Run 1: Report of TCP Vegas — Data Link

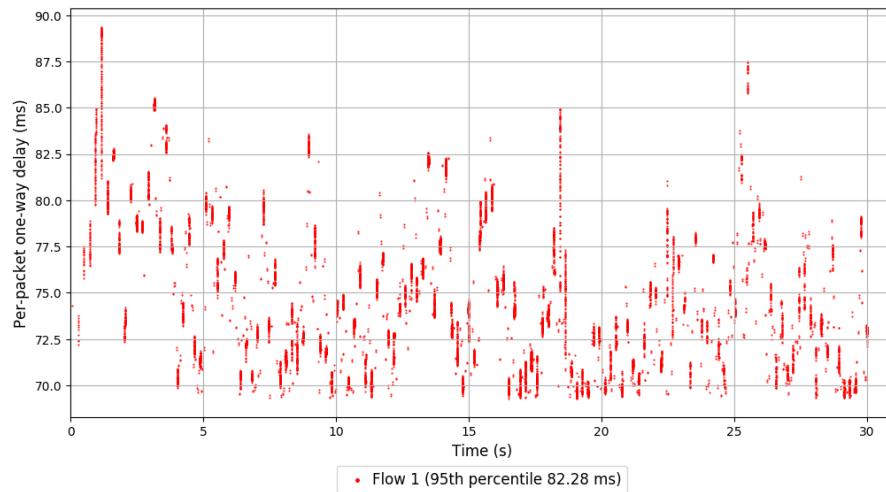
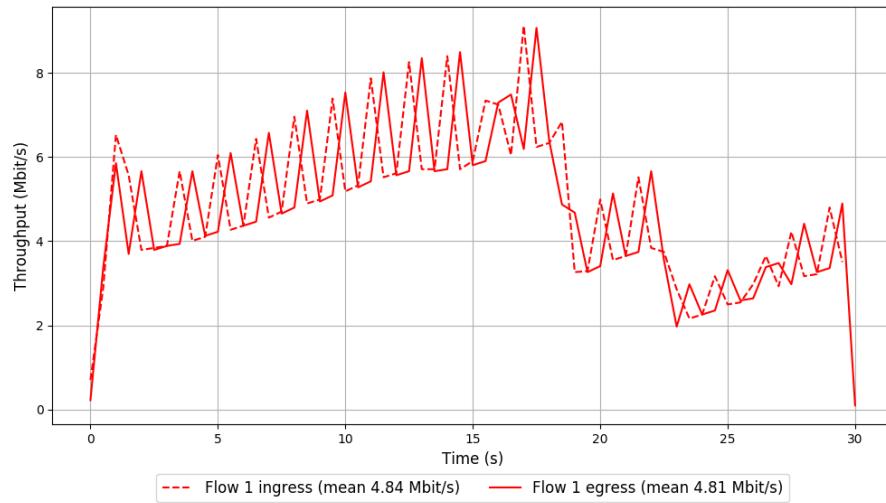


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 03:15:25 +0000
End at: Sun, 09 Jul 2017 03:15:55 +0000
Local clock offset: 1.405 ms
Remote clock offset: 1.062 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 82.279 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 82.279 ms
Loss rate: 0.51%
```

Run 2: Report of TCP Vegas — Data Link

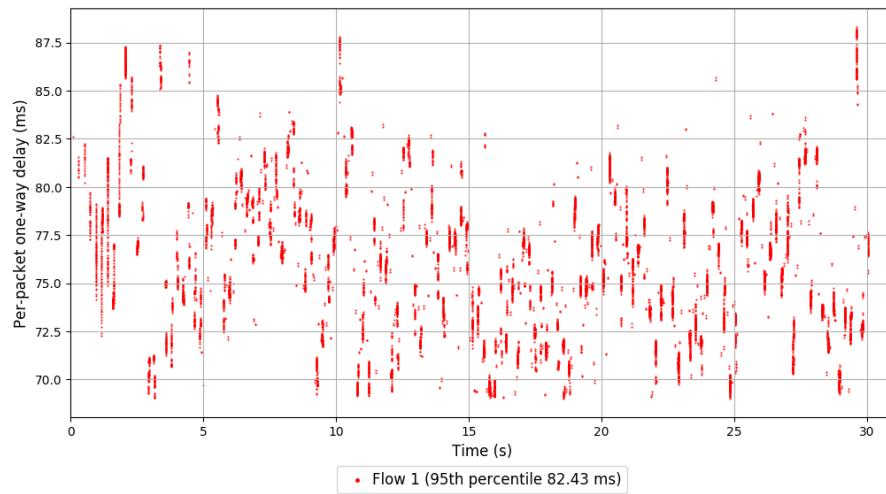
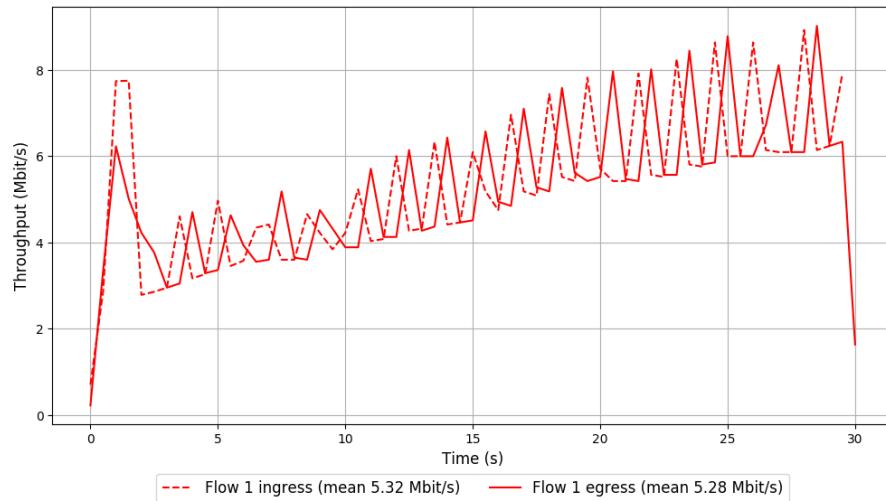


Run 3: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 03:33:25 +0000
End at: Sun, 09 Jul 2017 03:33:55 +0000
Local clock offset: 1.541 ms
Remote clock offset: 1.476 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 82.429 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 82.429 ms
Loss rate: 0.60%
```

Run 3: Report of TCP Vegas — Data Link

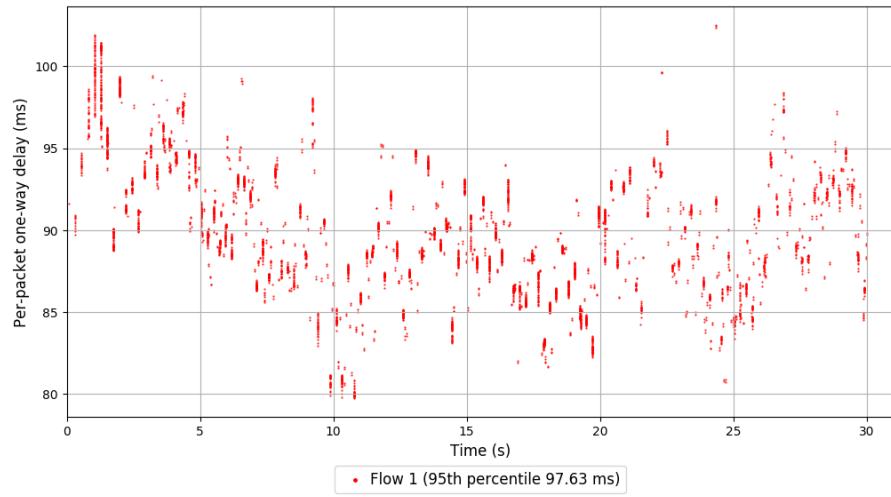
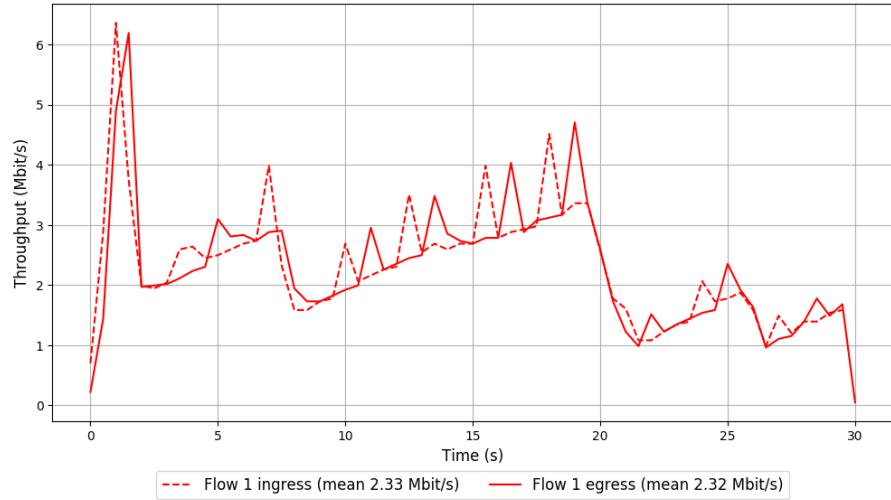


Run 4: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 03:53:46 +0000
End at: Sun, 09 Jul 2017 03:54:16 +0000
Local clock offset: 1.751 ms
Remote clock offset: 1.99 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 97.629 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 97.629 ms
Loss rate: 0.74%
```

Run 4: Report of TCP Vegas — Data Link

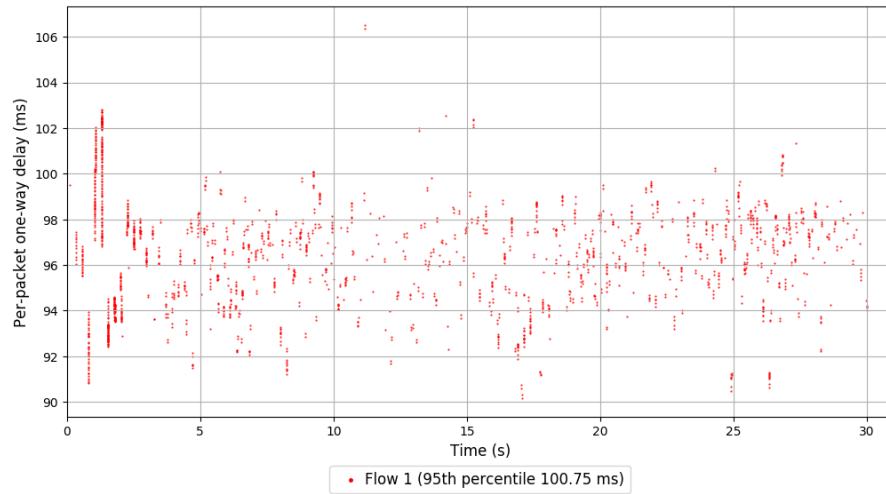
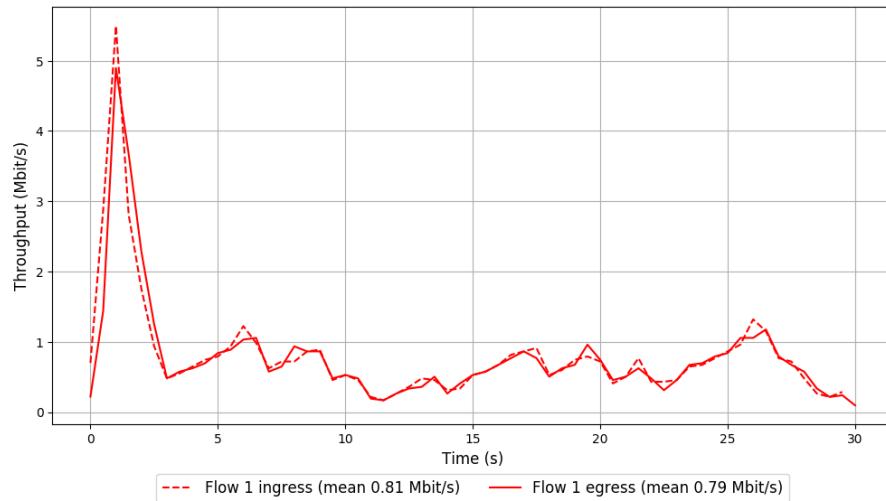


Run 5: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 04:11:49 +0000
End at: Sun, 09 Jul 2017 04:12:19 +0000
Local clock offset: 3.13 ms
Remote clock offset: 1.778 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 100.748 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 100.748 ms
Loss rate: 2.27%
```

Run 5: Report of TCP Vegas — Data Link

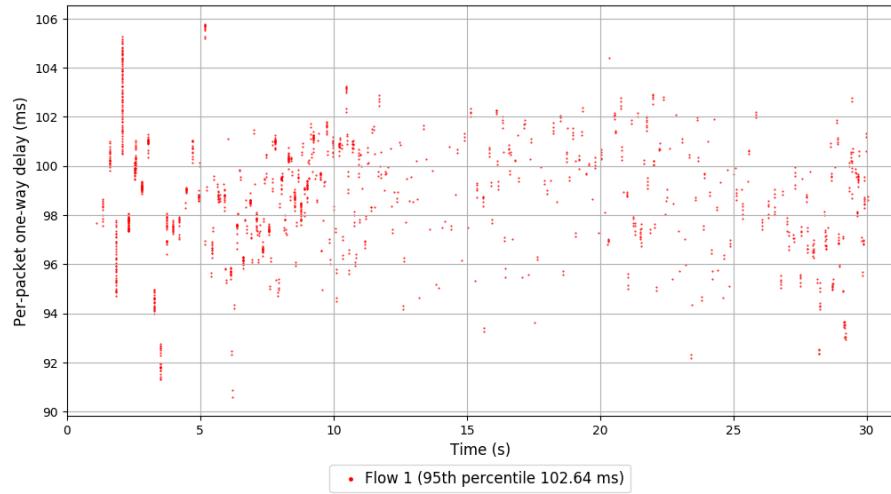
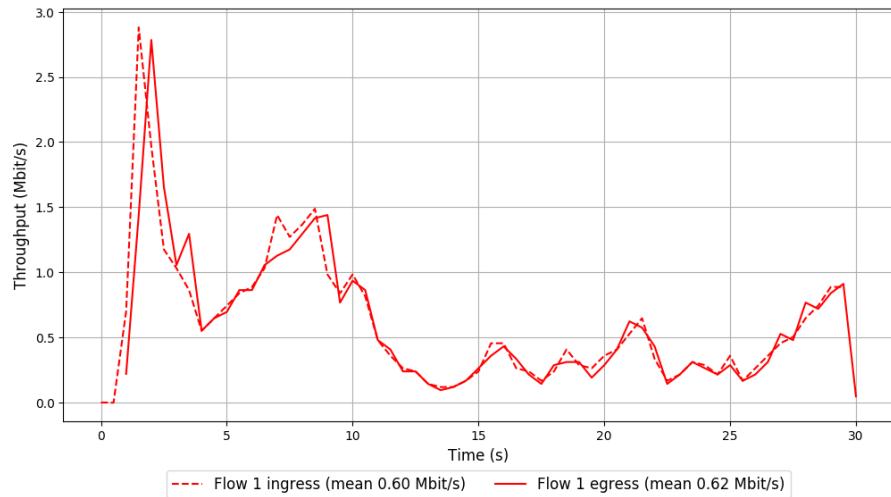


Run 6: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 04:29:56 +0000
End at: Sun, 09 Jul 2017 04:30:26 +0000
Local clock offset: 2.262 ms
Remote clock offset: 1.528 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:17:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 102.636 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 102.636 ms
Loss rate: 1.46%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 04:48:05 +0000

End at: Sun, 09 Jul 2017 04:48:35 +0000

Local clock offset: 3.766 ms

Remote clock offset: 1.072 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 98.334 ms

Loss rate: 0.74%

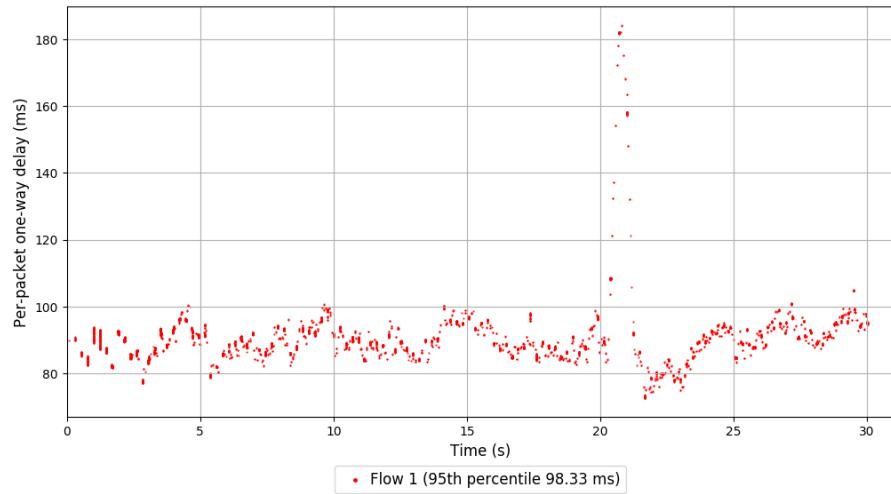
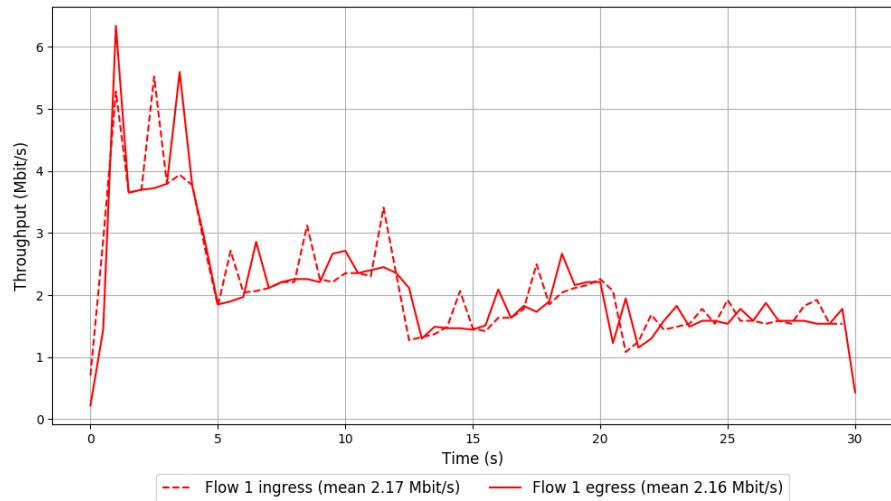
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 98.334 ms

Loss rate: 0.74%

Run 7: Report of TCP Vegas — Data Link

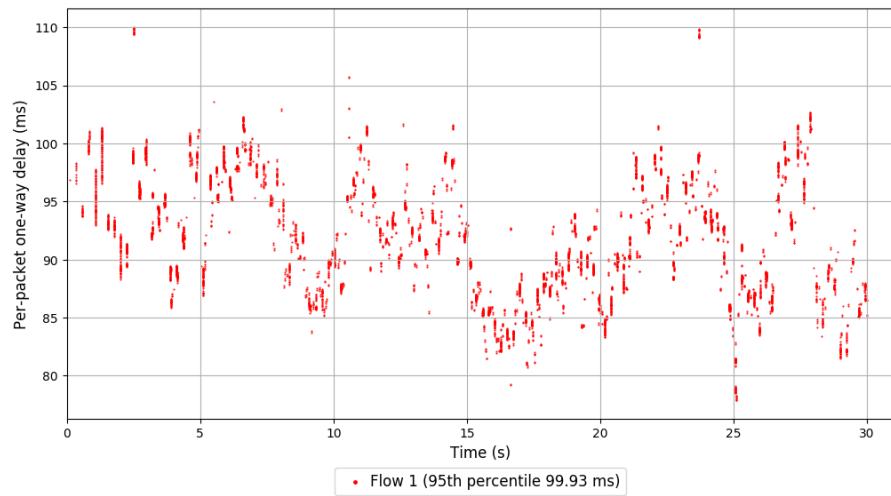
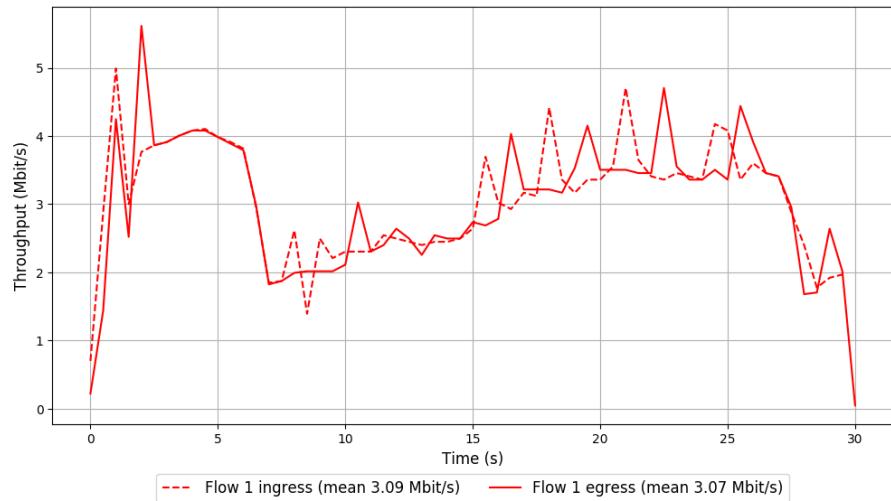


Run 8: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 05:06:10 +0000
End at: Sun, 09 Jul 2017 05:06:40 +0000
Local clock offset: 2.576 ms
Remote clock offset: 0.736 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 99.933 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 99.933 ms
Loss rate: 0.74%
```

Run 8: Report of TCP Vegas — Data Link

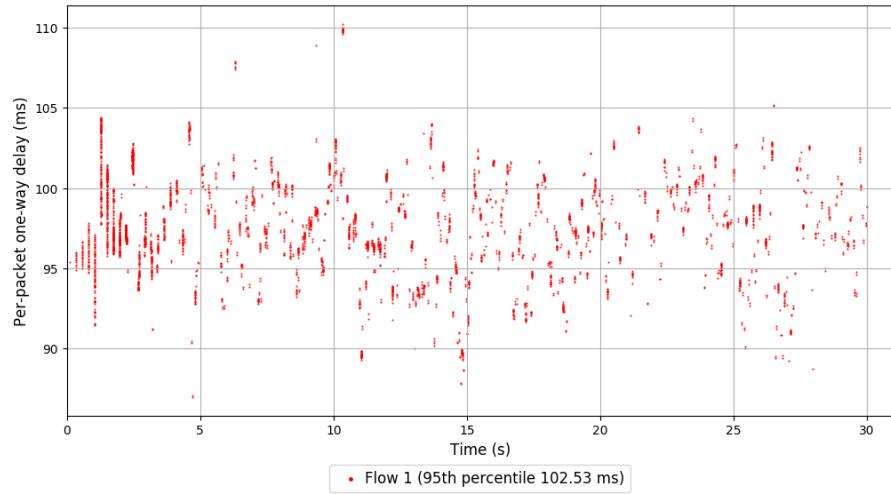
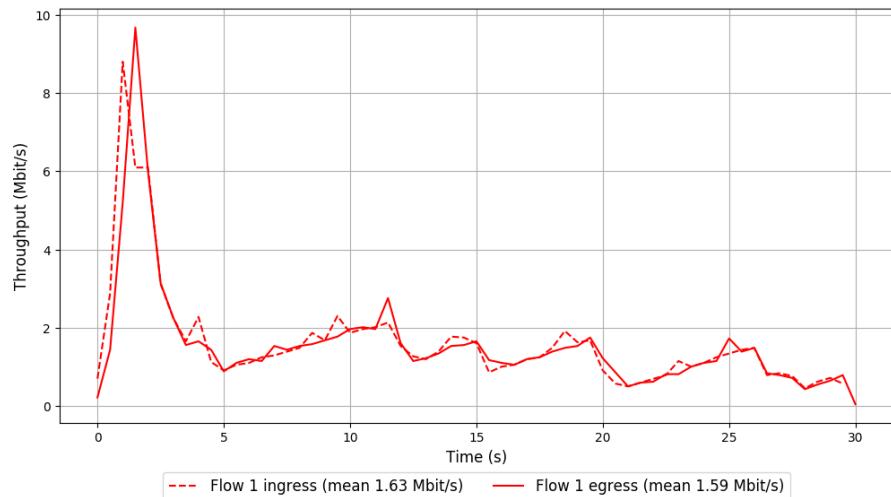


Run 9: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 05:24:10 +0000
End at: Sun, 09 Jul 2017 05:24:40 +0000
Local clock offset: 3.641 ms
Remote clock offset: 0.499 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 102.529 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 102.529 ms
Loss rate: 2.31%
```

Run 9: Report of TCP Vegas — Data Link

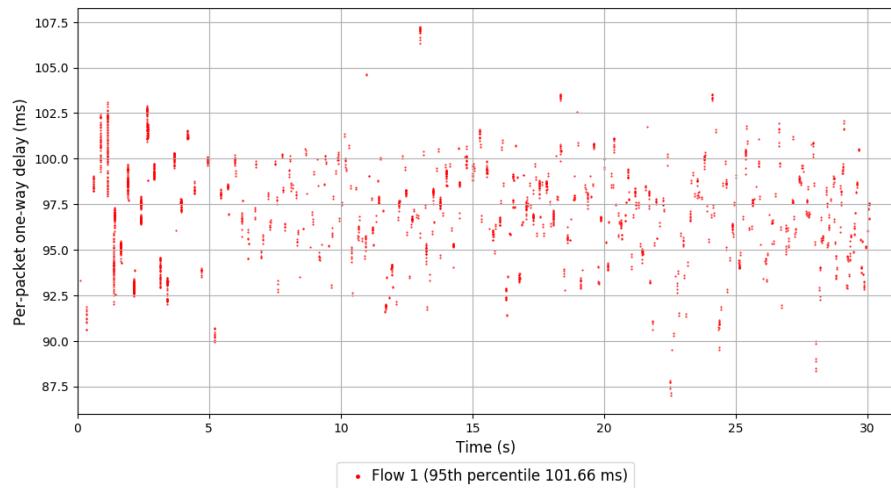
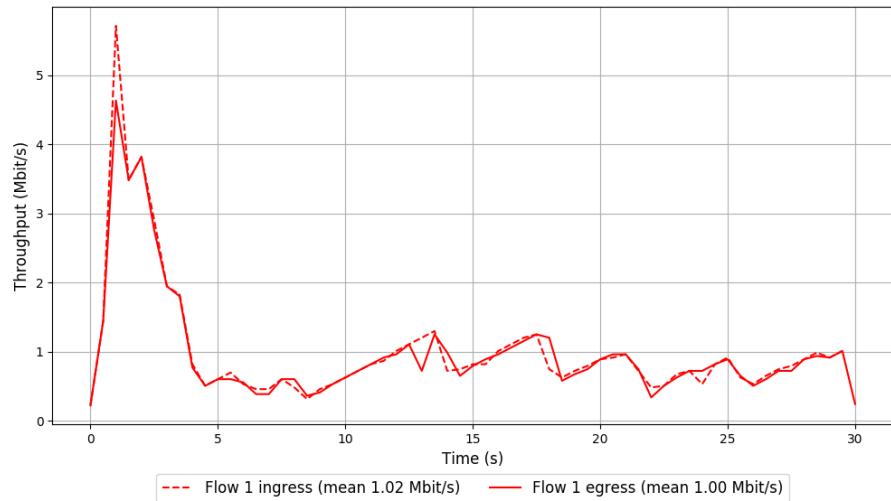


Run 10: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 05:42:33 +0000
End at: Sun, 09 Jul 2017 05:43:03 +0000
Local clock offset: 4.483 ms
Remote clock offset: 0.363 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 101.663 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 101.663 ms
Loss rate: 2.35%
```

Run 10: Report of TCP Vegas — Data Link

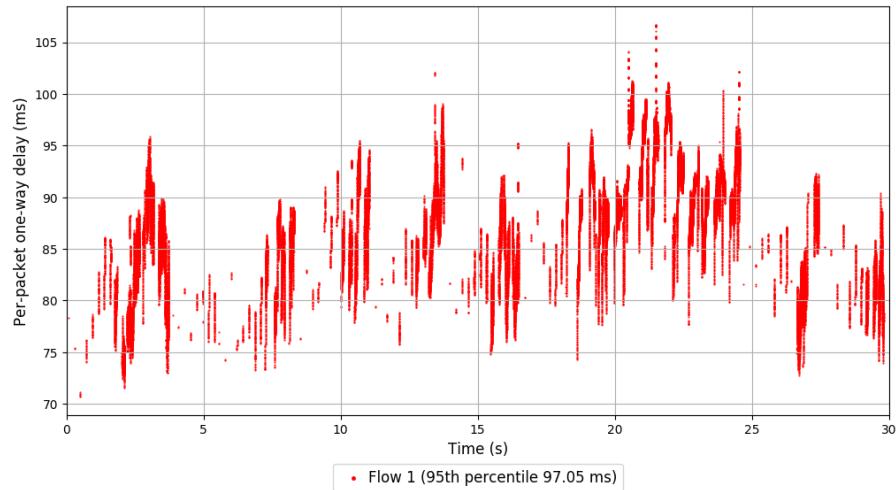
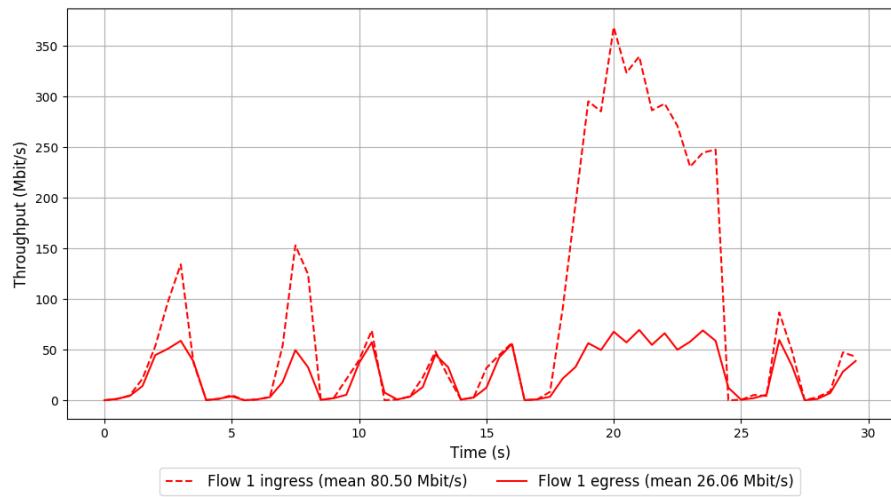


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 03:10:37 +0000
End at: Sun, 09 Jul 2017 03:11:07 +0000
Local clock offset: 1.418 ms
Remote clock offset: 0.908 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 97.051 ms
Loss rate: 67.62%
-- Flow 1:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 97.051 ms
Loss rate: 67.62%
```

Run 1: Report of Verus — Data Link

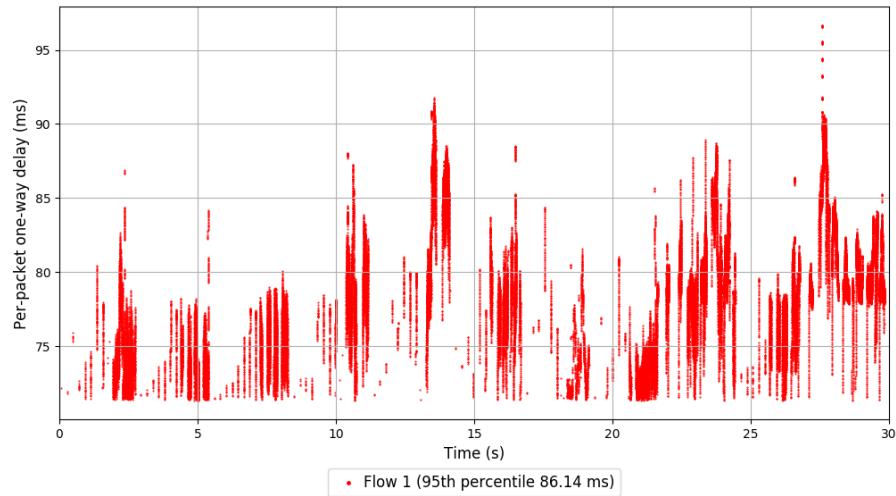
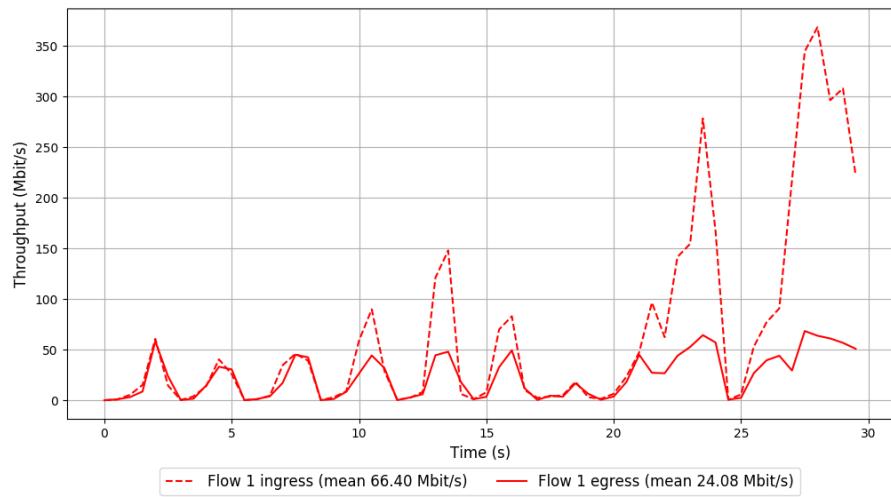


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 03:28:37 +0000
End at: Sun, 09 Jul 2017 03:29:07 +0000
Local clock offset: 1.373 ms
Remote clock offset: 1.391 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 86.145 ms
Loss rate: 63.72%
-- Flow 1:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 86.145 ms
Loss rate: 63.72%
```

Run 2: Report of Verus — Data Link

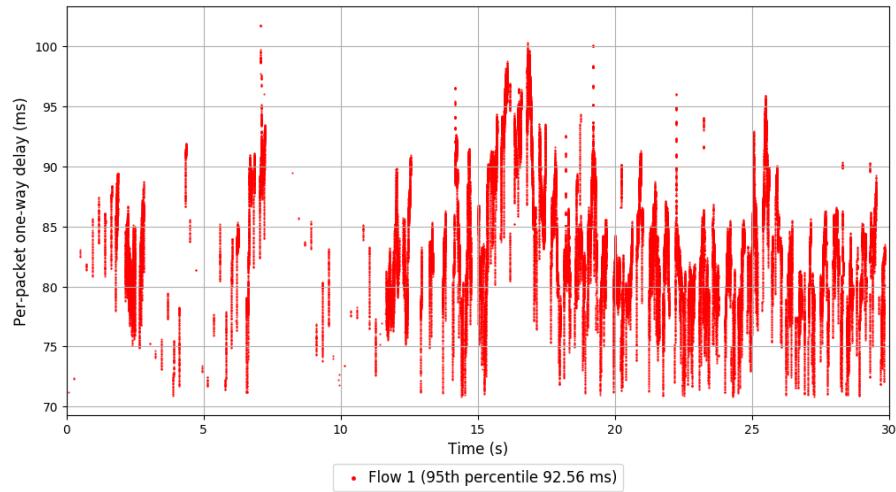
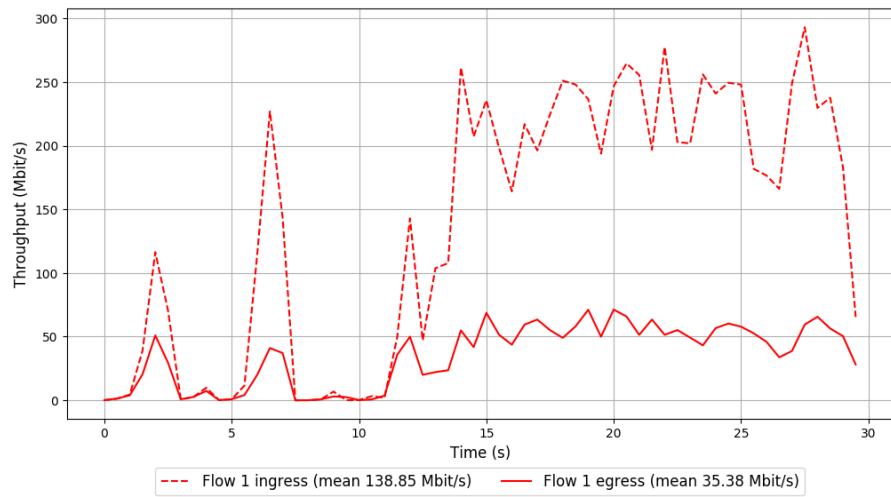


Run 3: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 03:48:45 +0000
End at: Sun, 09 Jul 2017 03:49:15 +0000
Local clock offset: 3.058 ms
Remote clock offset: 1.939 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 92.560 ms
Loss rate: 74.51%
-- Flow 1:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 92.560 ms
Loss rate: 74.51%
```

Run 3: Report of Verus — Data Link

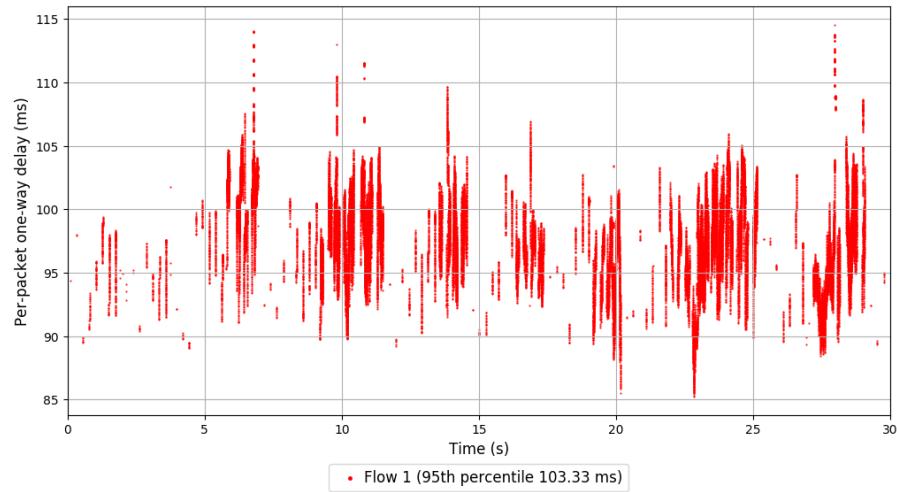
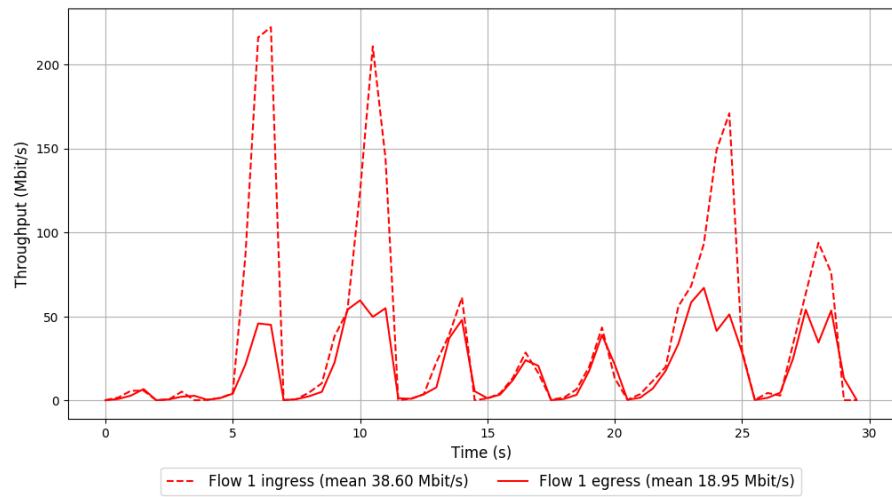


Run 4: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 04:07:01 +0000
End at: Sun, 09 Jul 2017 04:07:31 +0000
Local clock offset: 1.92 ms
Remote clock offset: 1.791 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.95 Mbit/s
95th percentile per-packet one-way delay: 103.326 ms
Loss rate: 50.91%
-- Flow 1:
Average throughput: 18.95 Mbit/s
95th percentile per-packet one-way delay: 103.326 ms
Loss rate: 50.91%
```

Run 4: Report of Verus — Data Link

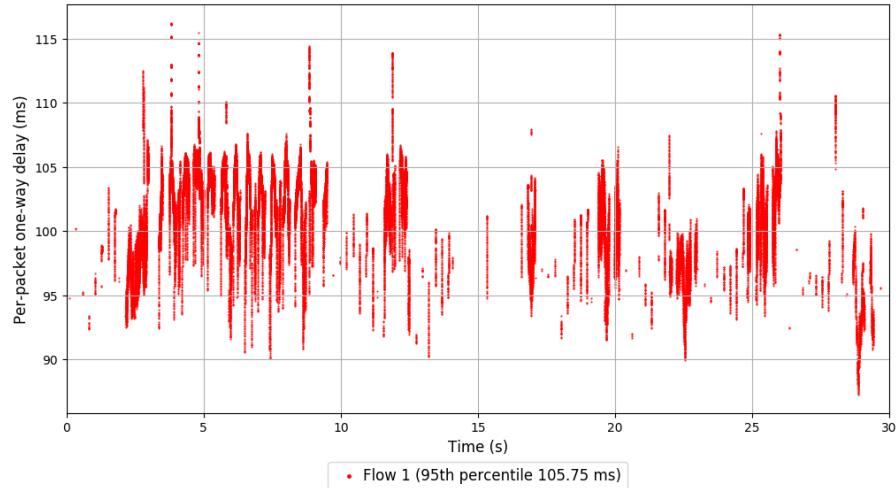
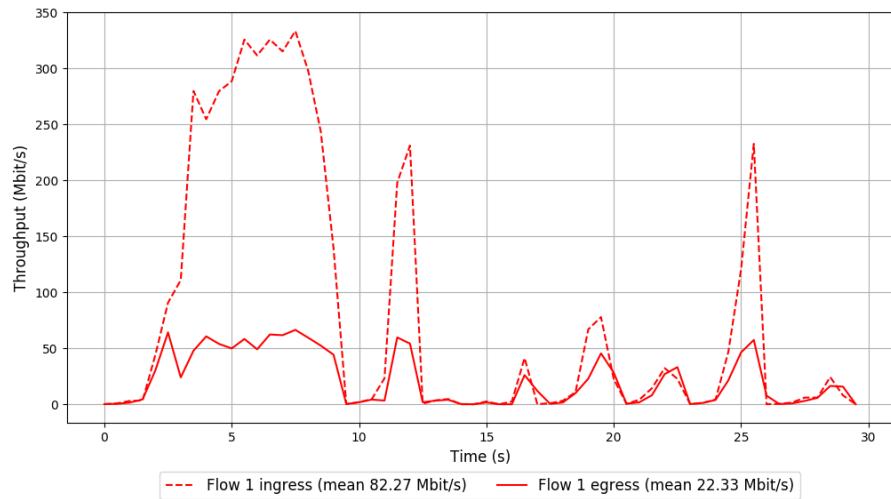


Run 5: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 04:25:07 +0000
End at: Sun, 09 Jul 2017 04:25:37 +0000
Local clock offset: 2.162 ms
Remote clock offset: 1.675 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 105.748 ms
Loss rate: 72.85%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 105.748 ms
Loss rate: 72.85%
```

Run 5: Report of Verus — Data Link

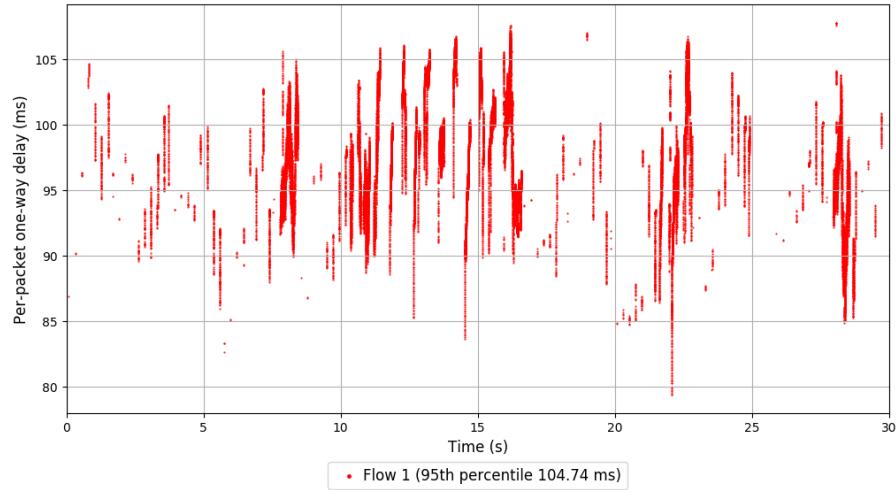
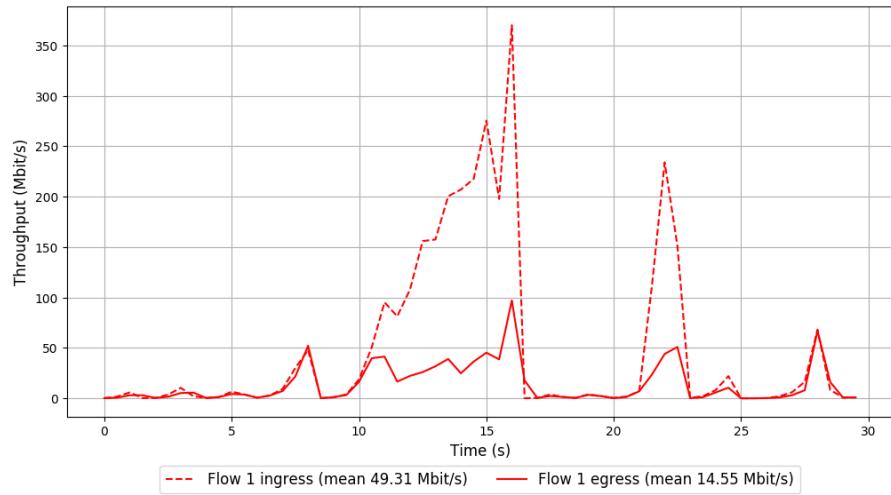


Run 6: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 04:43:11 +0000
End at: Sun, 09 Jul 2017 04:43:41 +0000
Local clock offset: 3.278 ms
Remote clock offset: 1.17 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 104.742 ms
Loss rate: 70.48%
-- Flow 1:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 104.742 ms
Loss rate: 70.48%
```

Run 6: Report of Verus — Data Link

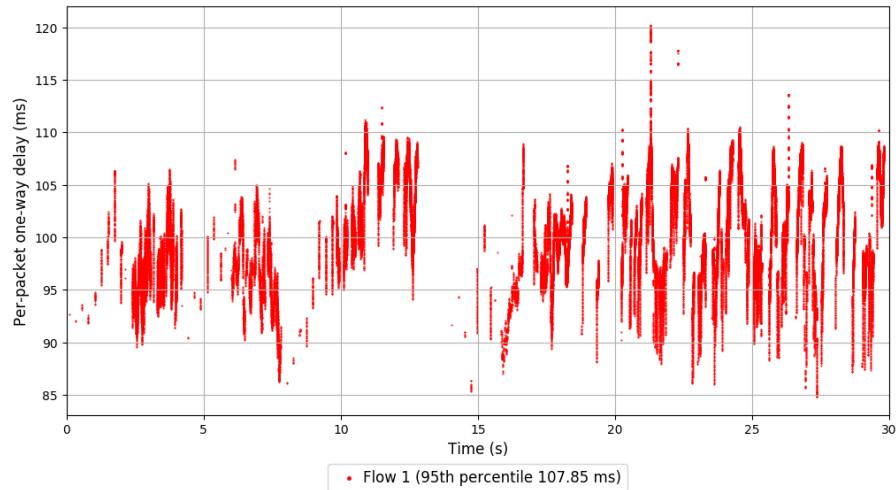
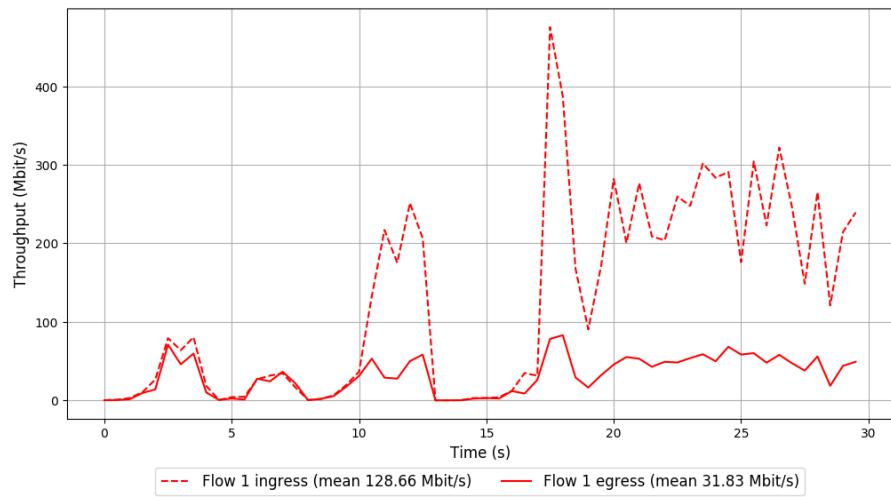


Run 7: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 05:01:19 +0000
End at: Sun, 09 Jul 2017 05:01:49 +0000
Local clock offset: 2.549 ms
Remote clock offset: 0.814 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 107.850 ms
Loss rate: 75.25%
-- Flow 1:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 107.850 ms
Loss rate: 75.25%
```

Run 7: Report of Verus — Data Link

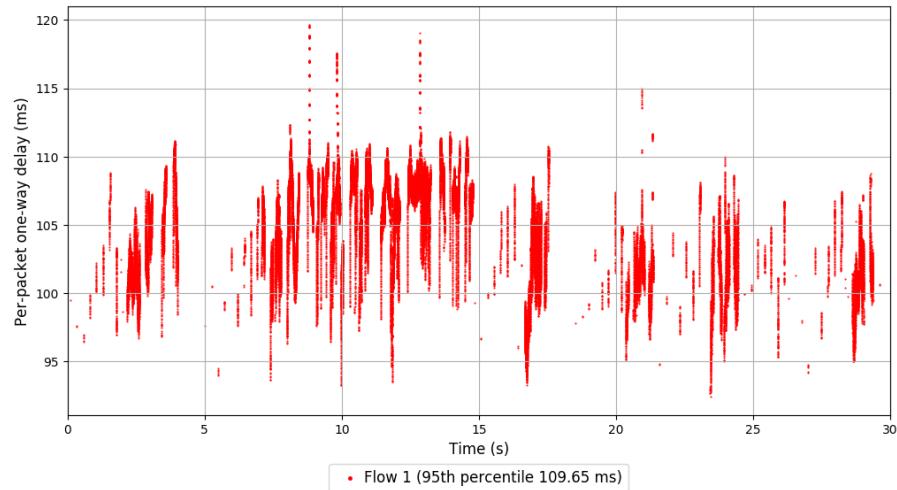
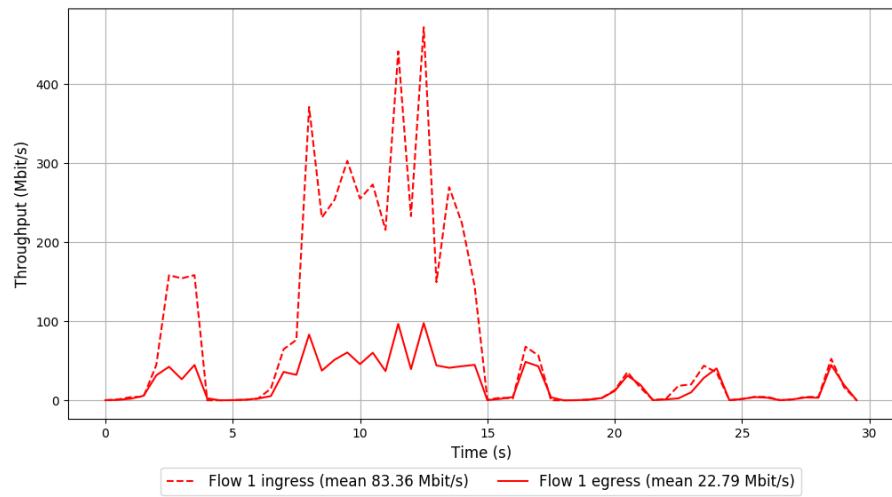


Run 8: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 05:19:21 +0000
End at: Sun, 09 Jul 2017 05:19:51 +0000
Local clock offset: 1.918 ms
Remote clock offset: 0.513 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 109.646 ms
Loss rate: 72.66%
-- Flow 1:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 109.646 ms
Loss rate: 72.66%
```

Run 8: Report of Verus — Data Link

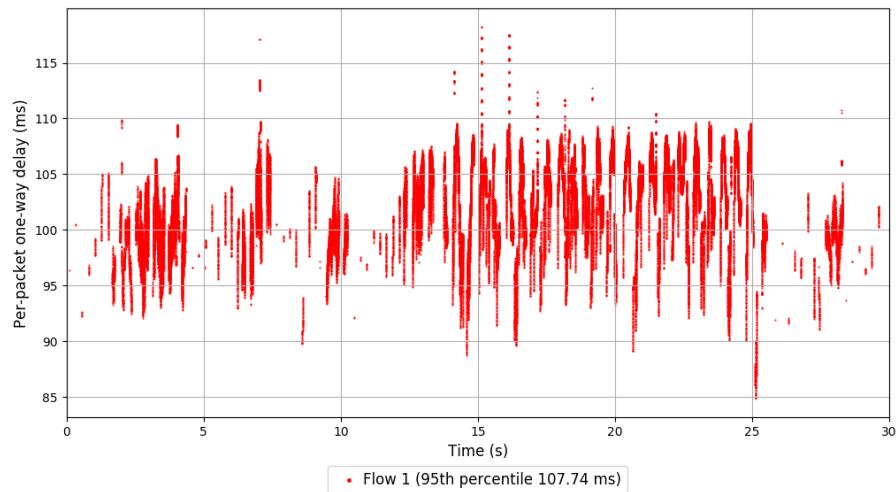
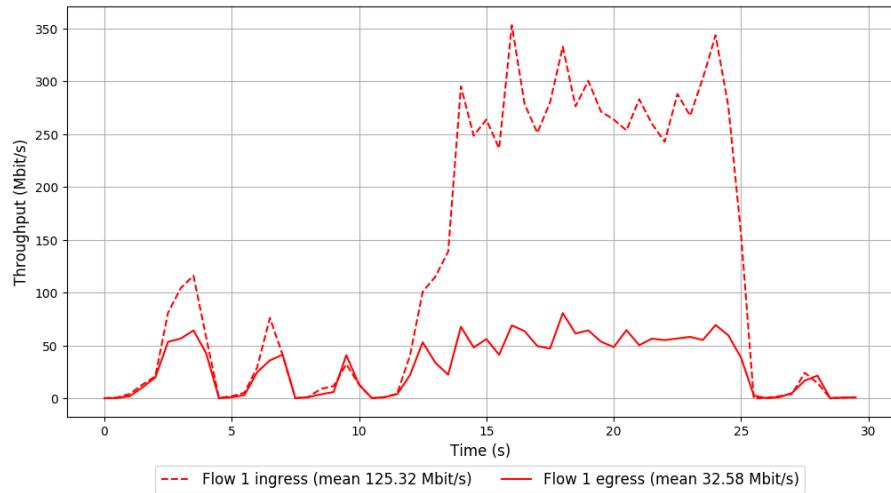


Run 9: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 05:37:34 +0000
End at: Sun, 09 Jul 2017 05:38:04 +0000
Local clock offset: 2.966 ms
Remote clock offset: 0.368 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 107.736 ms
Loss rate: 74.00%
-- Flow 1:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 107.736 ms
Loss rate: 74.00%
```

Run 9: Report of Verus — Data Link

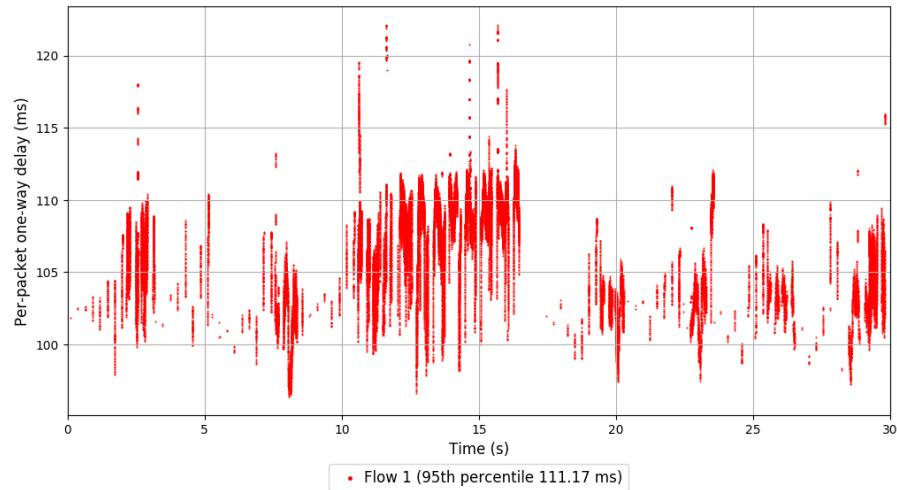
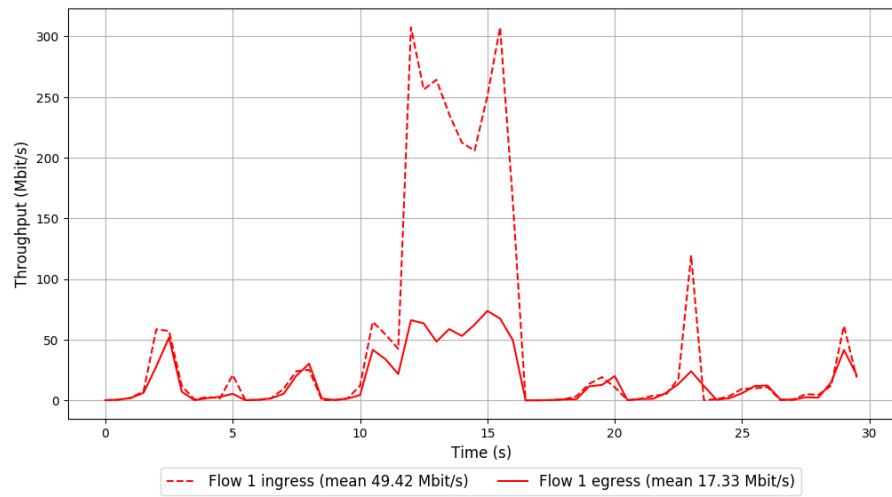


Run 10: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 05:55:45 +0000
End at: Sun, 09 Jul 2017 05:56:15 +0000
Local clock offset: 3.026 ms
Remote clock offset: 0.058 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 111.165 ms
Loss rate: 64.93%
-- Flow 1:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 111.165 ms
Loss rate: 64.93%
```

Run 10: Report of Verus — Data Link

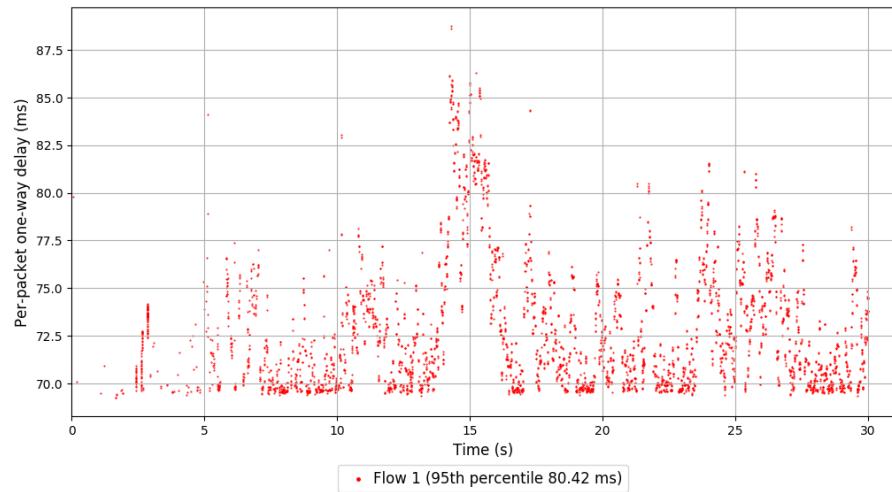
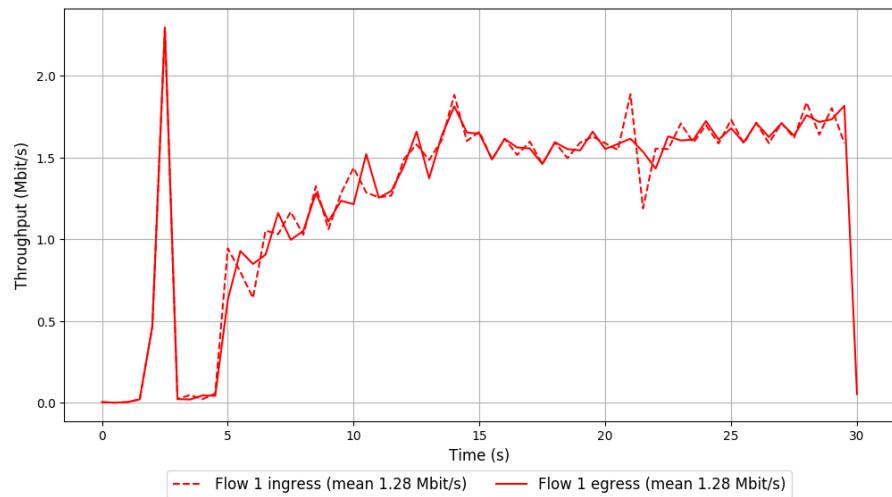


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:03:26 +0000
End at: Sun, 09 Jul 2017 03:03:56 +0000
Local clock offset: 2.411 ms
Remote clock offset: 0.713 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 80.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 80.424 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

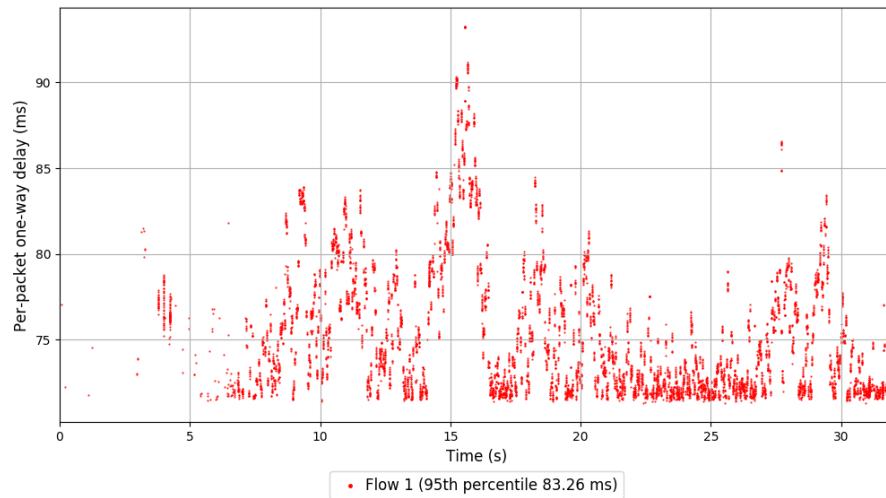
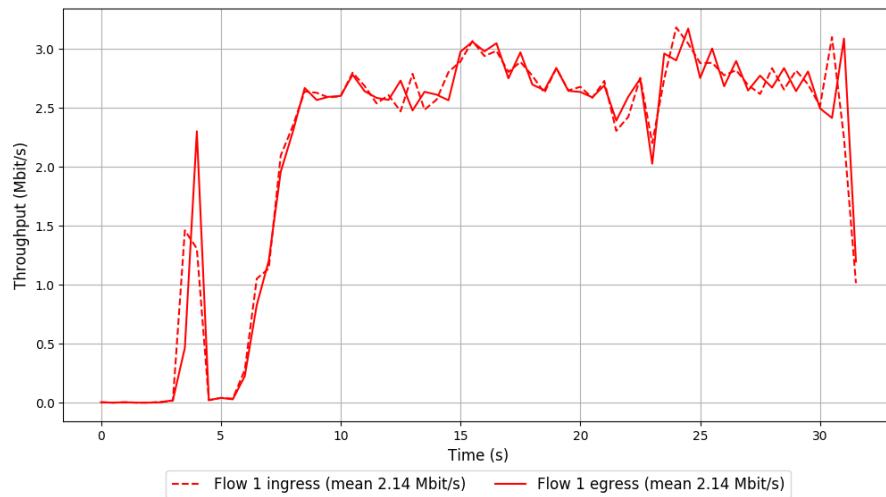


```
Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:21:22 +0000
End at: Sun, 09 Jul 2017 03:21:52 +0000
Local clock offset: 1.503 ms
Remote clock offset: 1.182 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 83.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 83.263 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

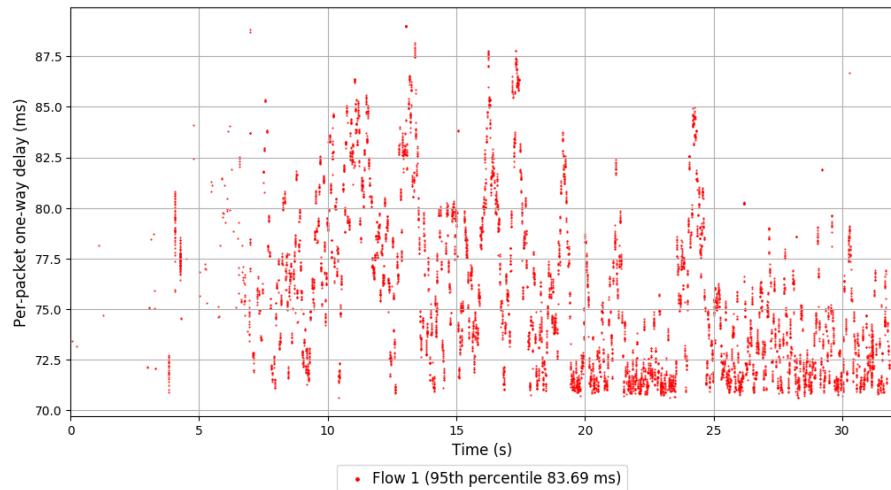
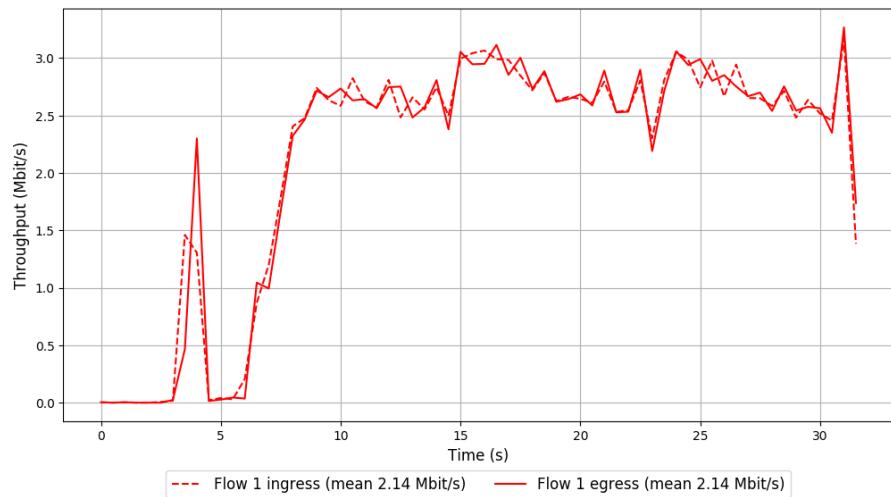


```
Run 3: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:39:36 +0000
End at: Sun, 09 Jul 2017 03:40:06 +0000
Local clock offset: 1.564 ms
Remote clock offset: 1.678 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 83.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 83.692 ms
Loss rate: 0.00%
```

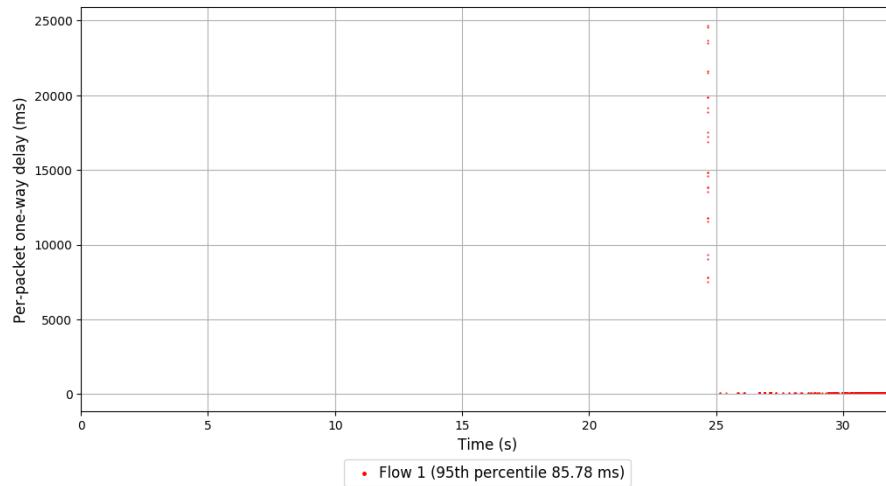
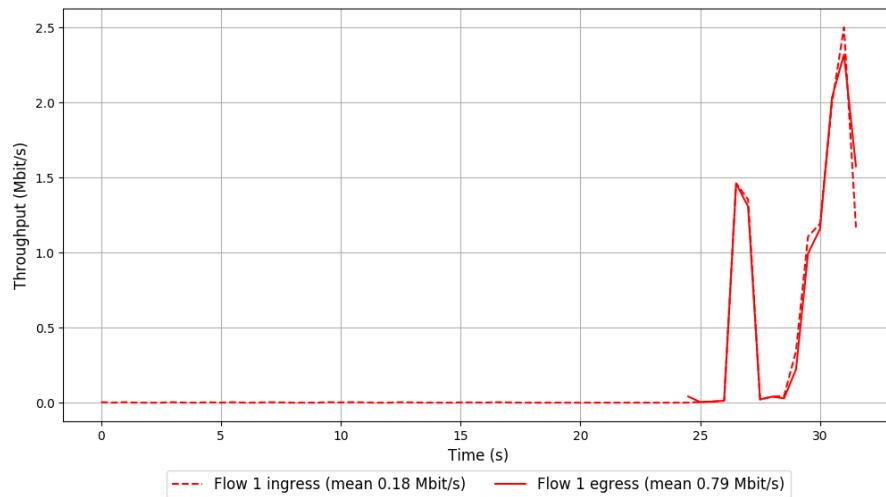
Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:59:47 +0000
End at: Sun, 09 Jul 2017 04:00:17 +0000
Local clock offset: 1.789 ms
Remote clock offset: 1.831 ms

Run 4: Report of WebRTC media — Data Link

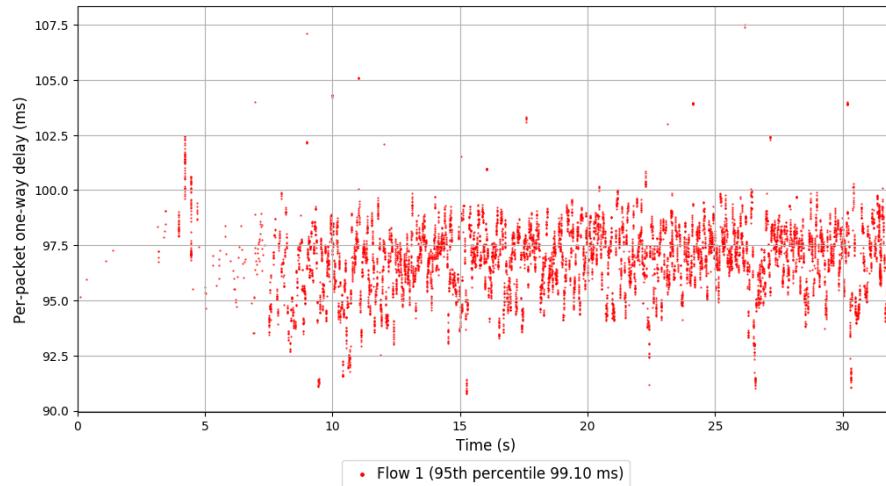
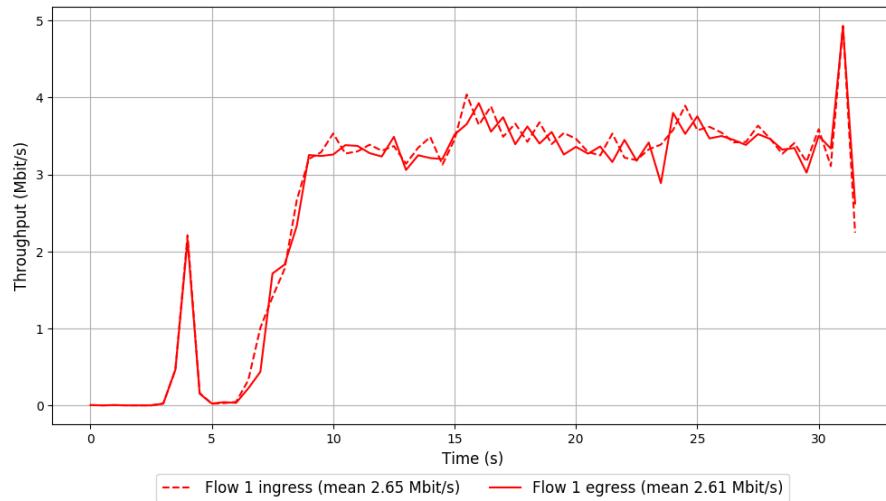


```
Run 5: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 04:17:57 +0000
End at: Sun, 09 Jul 2017 04:18:27 +0000
Local clock offset: 2.034 ms
Remote clock offset: 1.727 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 99.102 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 99.102 ms
Loss rate: 1.38%
```

Run 5: Report of WebRTC media — Data Link

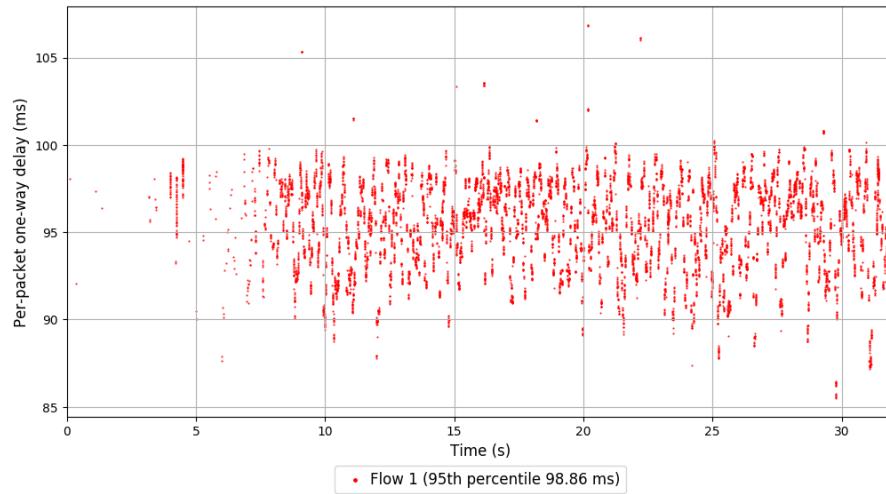
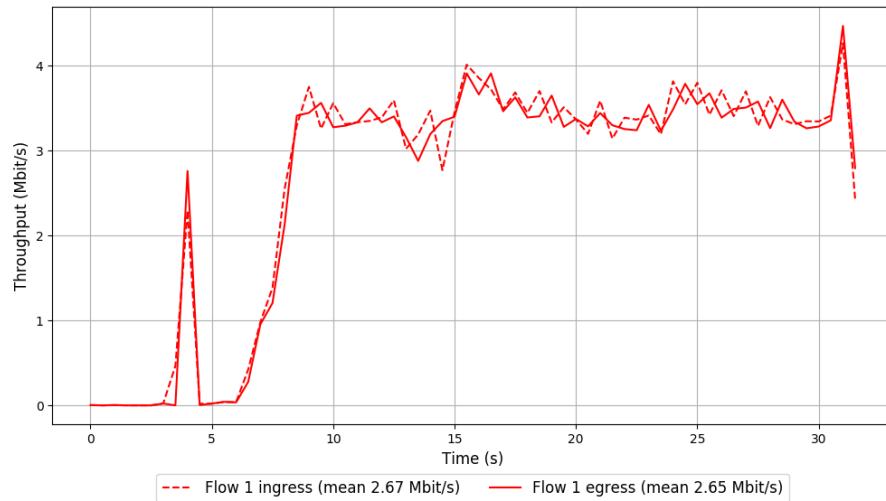


```
Run 6: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 04:35:55 +0000
End at: Sun, 09 Jul 2017 04:36:25 +0000
Local clock offset: 2.214 ms
Remote clock offset: 1.335 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 98.865 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 98.865 ms
Loss rate: 0.83%
```

Run 6: Report of WebRTC media — Data Link

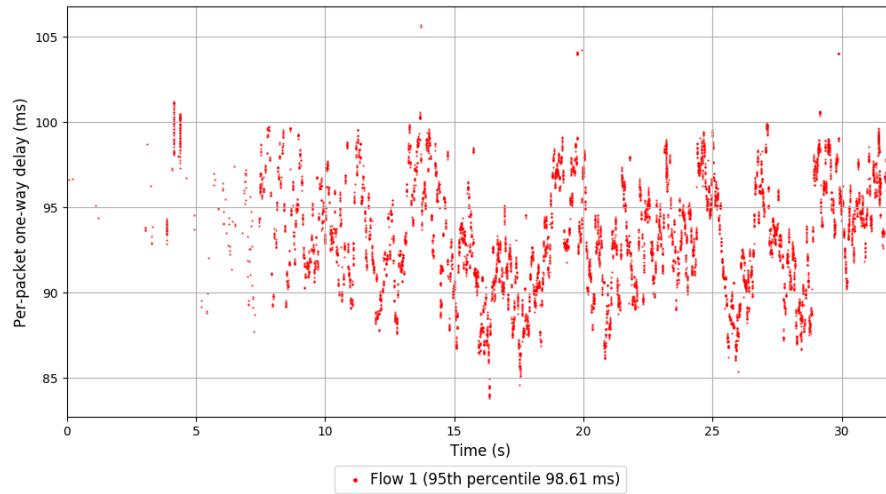
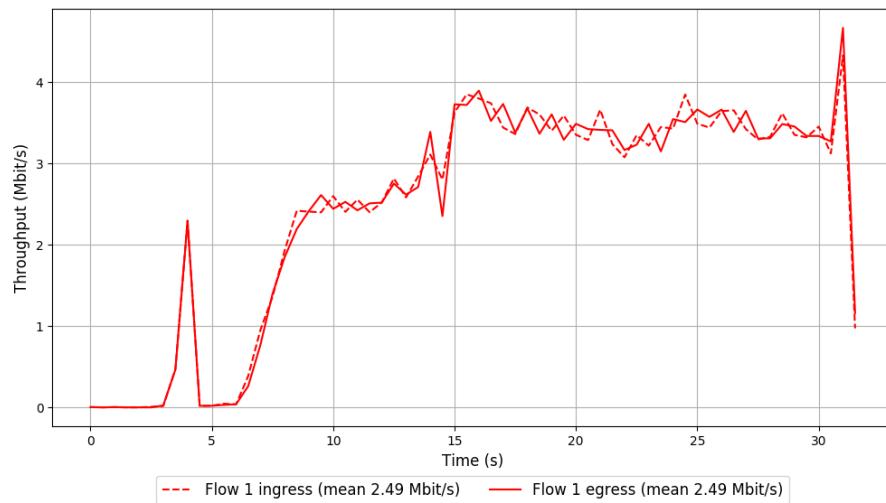


Run 7: Statistics of WebRTC media

```
Start at: Sun, 09 Jul 2017 04:54:03 +0000
End at: Sun, 09 Jul 2017 04:54:33 +0000
Local clock offset: 2.382 ms
Remote clock offset: 0.929 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 98.607 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 98.607 ms
Loss rate: 0.14%
```

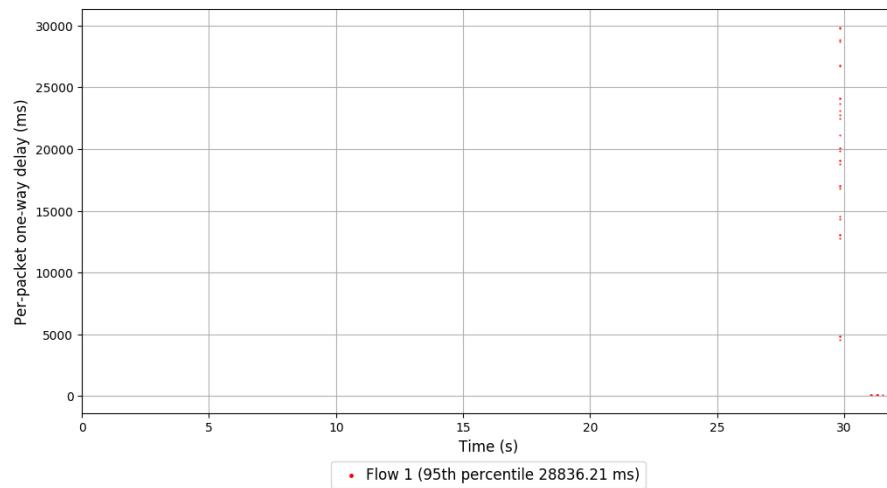
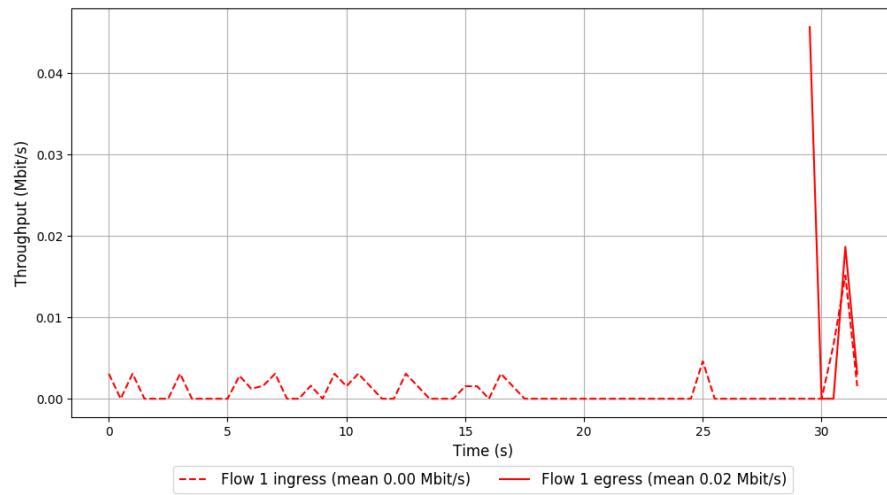
Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 05:12:08 +0000
End at: Sun, 09 Jul 2017 05:12:38 +0000
Local clock offset: 2.421 ms
Remote clock offset: 0.633 ms

Run 8: Report of WebRTC media — Data Link

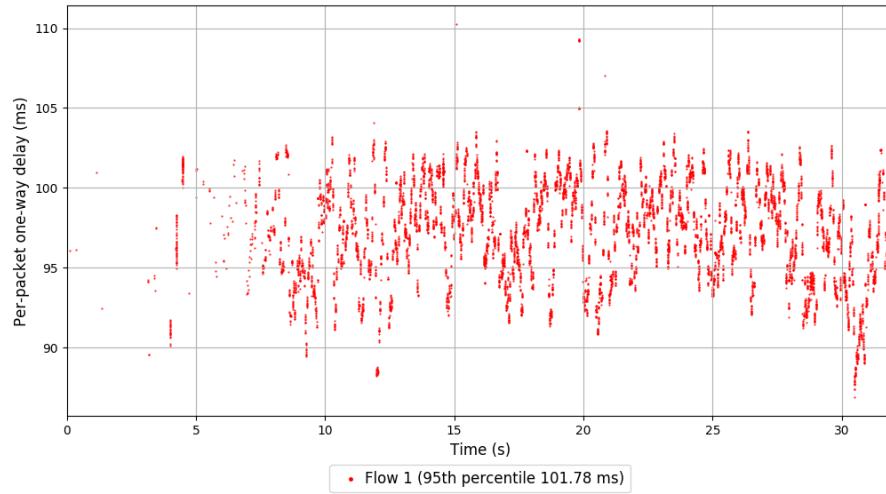
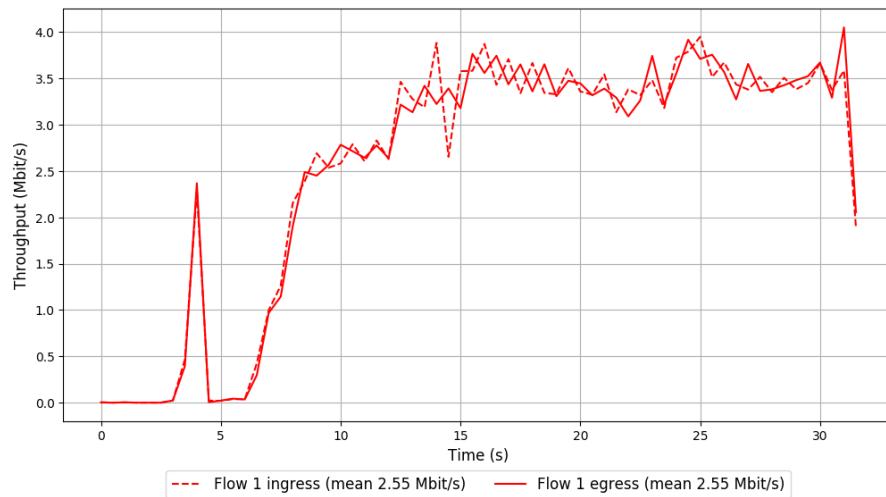


```
Run 9: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 05:30:24 +0000
End at: Sun, 09 Jul 2017 05:30:54 +0000
Local clock offset: 3.974 ms
Remote clock offset: 0.386 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 101.785 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 101.785 ms
Loss rate: 0.25%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 05:48:30 +0000
End at: Sun, 09 Jul 2017 05:49:00 +0000
Local clock offset: 3.106 ms
Remote clock offset: 0.207 ms

# Below is generated by plot.py at Sun, 09 Jul 2017 09:18:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 103.178 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 103.178 ms
Loss rate: 0.64%
```

Run 10: Report of WebRTC media — Data Link

