

**Pantheon Summary** (Generated at Mon, 17 Jul 2017 00:52:22 +0000 with pantheon version d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac)

Repeated the test of 14 congestion control schemes 10 times.

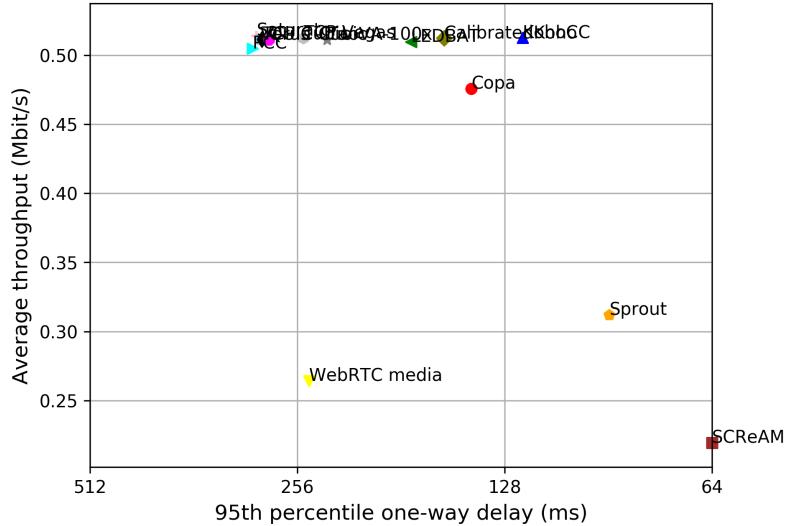
Each test lasted for 30 seconds running 1 flow.

Data path: Nepal Ethernet (*remote*) → AWS India 2 Ethernet (*local*).

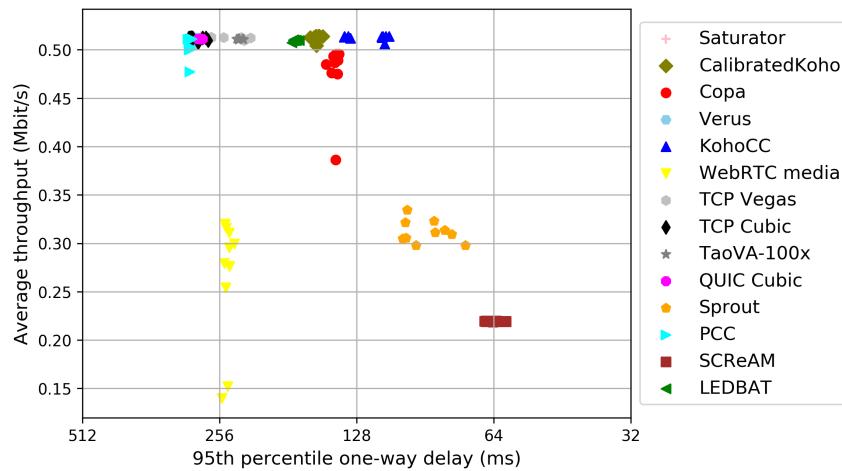
NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac
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 @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ 6f2efe6e088d91066a9f023df375eee2665089ce
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 Nepal Ethernet to AWS India 2 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Nepal Ethernet to AWS India 2 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
CalibratedKoho	10	0.51	156.78	0.72
Copa	10	0.48	143.11	0.35
TCP Cubic	10	0.51	288.27	4.24
KohoCC	10	0.51	120.56	0.76
LEDBAT	10	0.51	175.13	0.65
PCC	10	0.50	297.40	77.59
QUIC Cubic	10	0.51	281.51	15.75
Saturator	10	0.51	293.41	50.39
SCReAM	10	0.22	64.03	0.26
Sprout	10	0.31	90.28	0.52
TaoVA-100x	10	0.51	231.87	65.33
TCP Vegas	10	0.51	250.97	1.71
Verus	10	0.51	290.07	20.17
WebRTC media	10	0.27	246.15	10.14

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

```
Start at: Sun, 16 Jul 2017 22:10:30 +0000
```

```
End at: Sun, 16 Jul 2017 22:11:00 +0000
```

```
Local clock offset: 2.331 ms
```

```
Remote clock offset: 3.306 ms
```

```
# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 158.584 ms
```

```
Loss rate: 0.62%
```

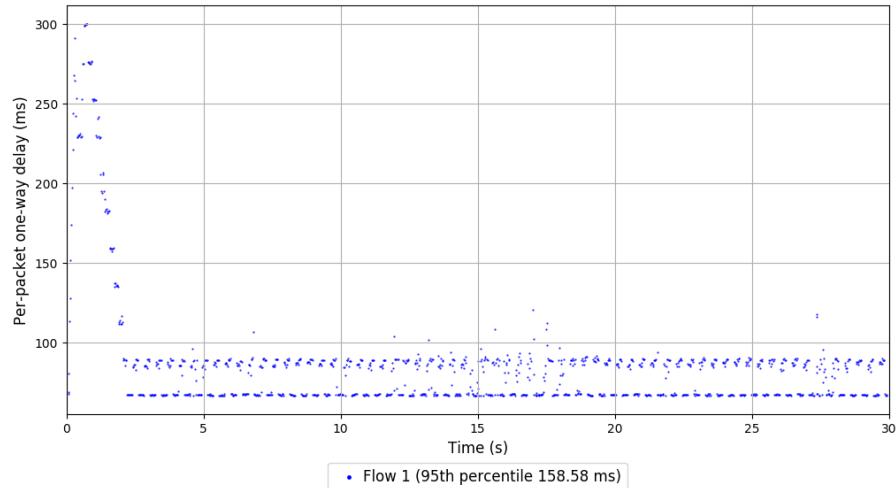
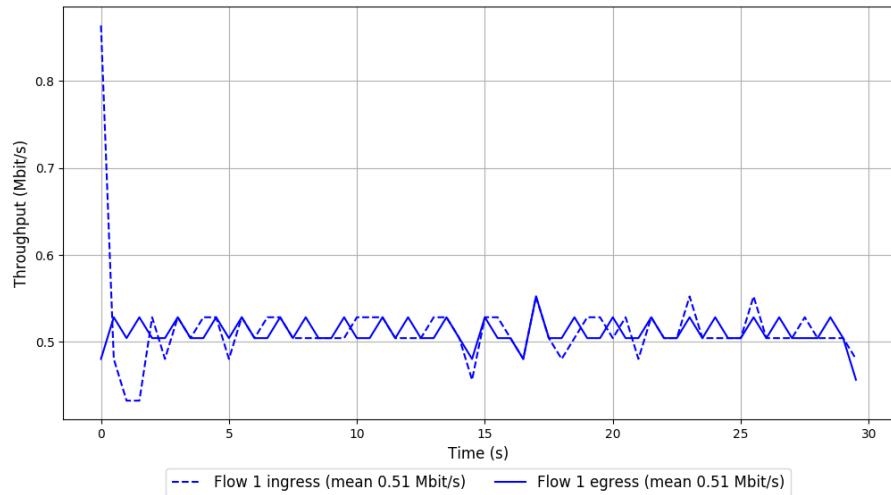
```
-- Flow 1:
```

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 158.584 ms
```

```
Loss rate: 0.62%
```

Run 1: Report of CalibratedKoho — Data Link

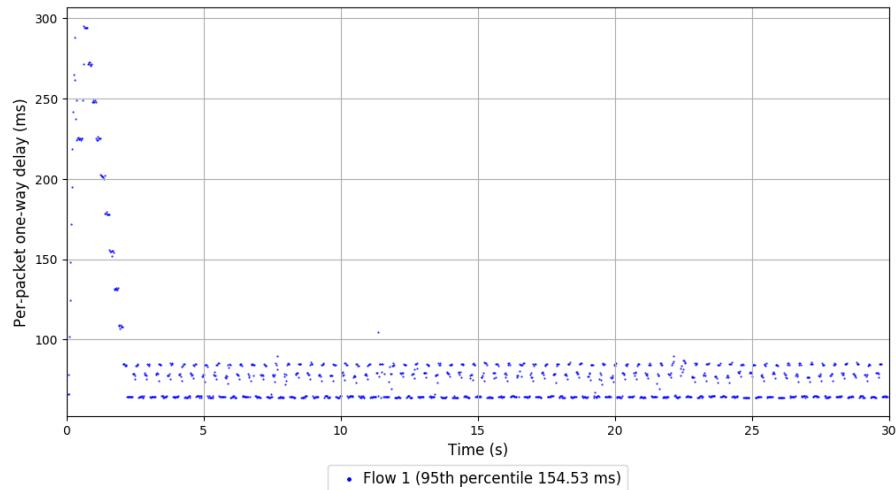
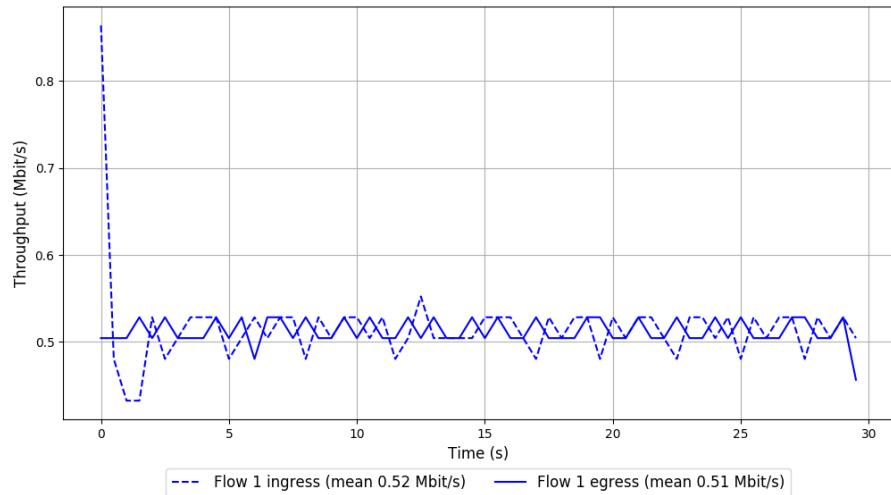


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 16 Jul 2017 22:27:44 +0000
End at: Sun, 16 Jul 2017 22:28:14 +0000
Local clock offset: 0.158 ms
Remote clock offset: 3.889 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 154.527 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 154.527 ms
Loss rate: 0.70%
```

## Run 2: Report of CalibratedKoho — Data Link

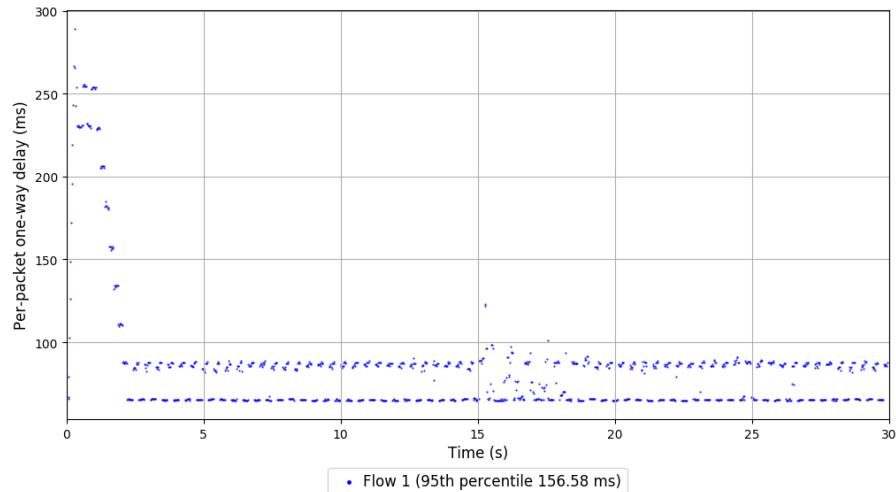
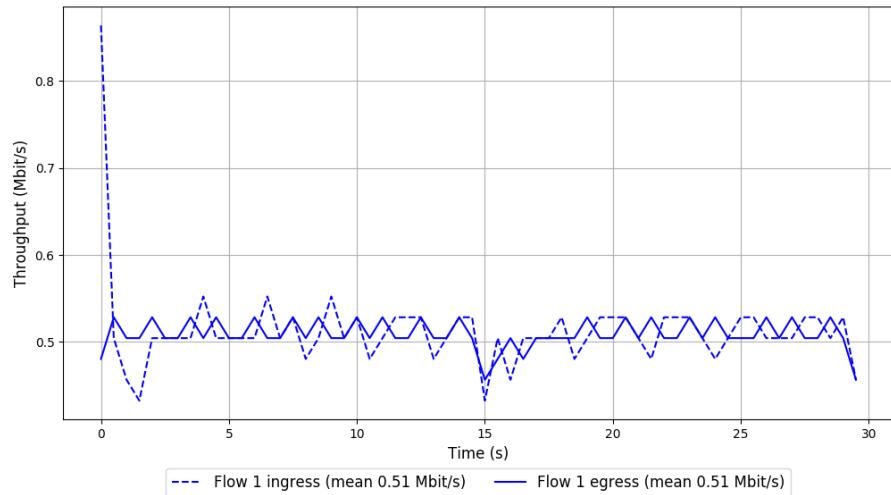


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 16 Jul 2017 22:44:46 +0000
End at: Sun, 16 Jul 2017 22:45:16 +0000
Local clock offset: 1.565 ms
Remote clock offset: 4.416 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 156.578 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 156.578 ms
Loss rate: 0.78%
```

### Run 3: Report of CalibratedKoho — Data Link

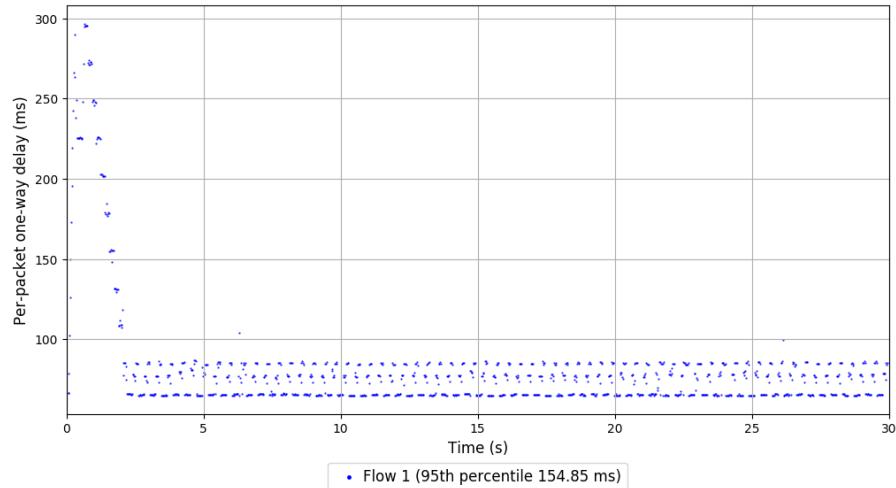
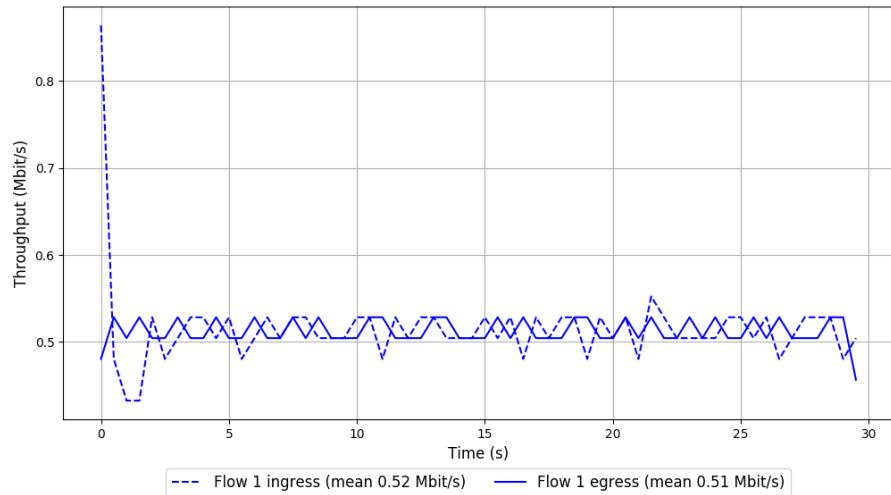


Run 4: Statistics of CalibratedKoho

```
Start at: Sun, 16 Jul 2017 23:01:53 +0000
End at: Sun, 16 Jul 2017 23:02:23 +0000
Local clock offset: 1.351 ms
Remote clock offset: 3.86 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 154.851 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 154.851 ms
Loss rate: 0.62%
```

Run 4: Report of CalibratedKoho — Data Link

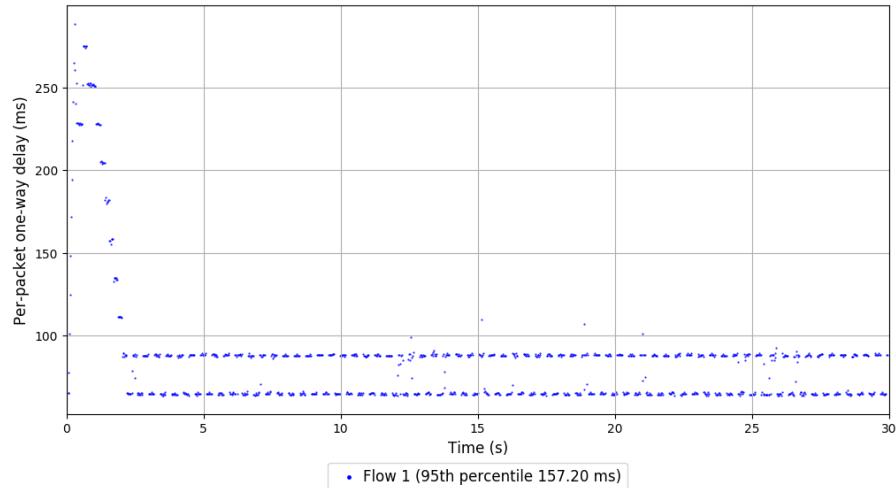
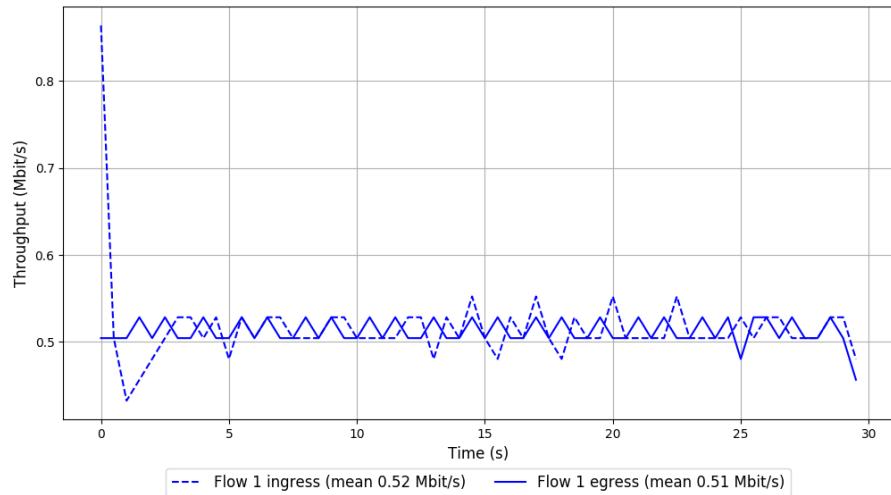


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Sun, 16 Jul 2017 23:18:57 +0000
End at: Sun, 16 Jul 2017 23:19:27 +0000
Local clock offset: 0.082 ms
Remote clock offset: 3.934 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 157.204 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 157.204 ms
Loss rate: 0.78%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 16 Jul 2017 23:36:00 +0000
```

```
End at: Sun, 16 Jul 2017 23:36:30 +0000
```

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

```
Remote clock offset: 3.782 ms
```

```
# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:05 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 155.205 ms
```

```
Loss rate: 0.70%
```

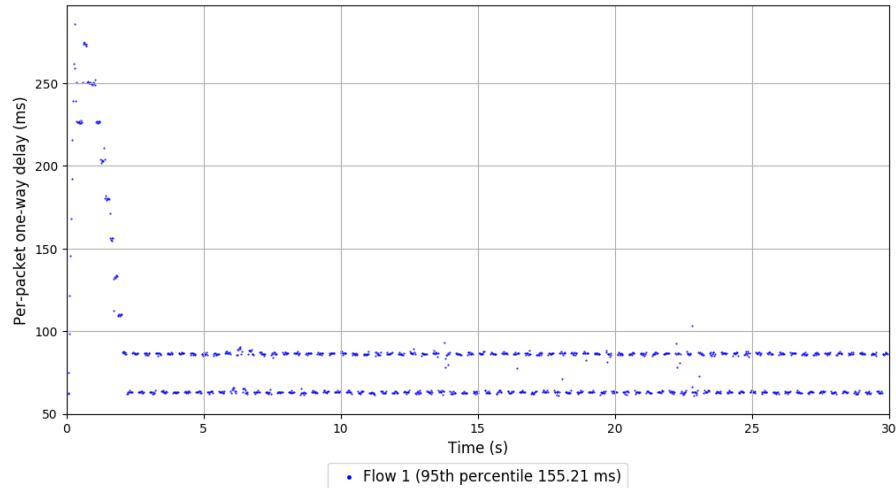
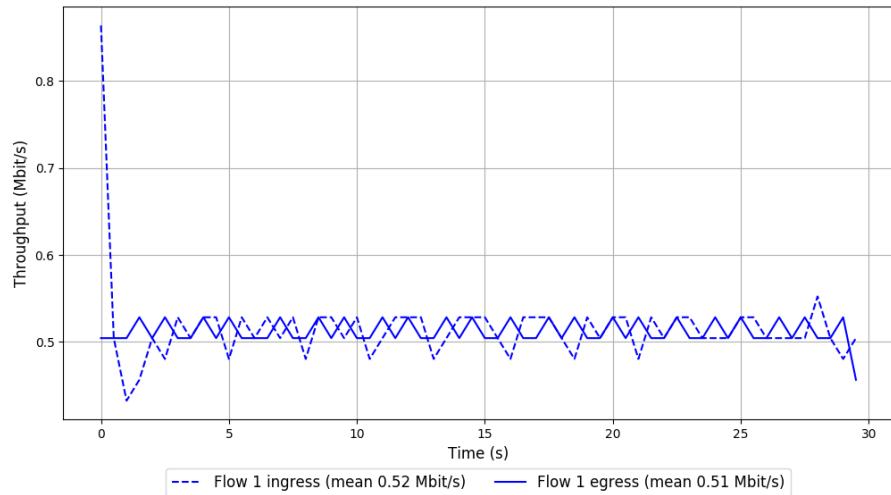
```
-- Flow 1:
```

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 155.205 ms
```

```
Loss rate: 0.70%
```

Run 6: Report of CalibratedKoho — Data Link



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

```
Start at: Sun, 16 Jul 2017 23:53:32 +0000
```

```
End at: Sun, 16 Jul 2017 23:54:02 +0000
```

```
Local clock offset: 0.888 ms
```

```
Remote clock offset: 4.618 ms
```

```
# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:06 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.50 Mbit/s
```

```
95th percentile per-packet one-way delay: 156.780 ms
```

```
Loss rate: 0.79%
```

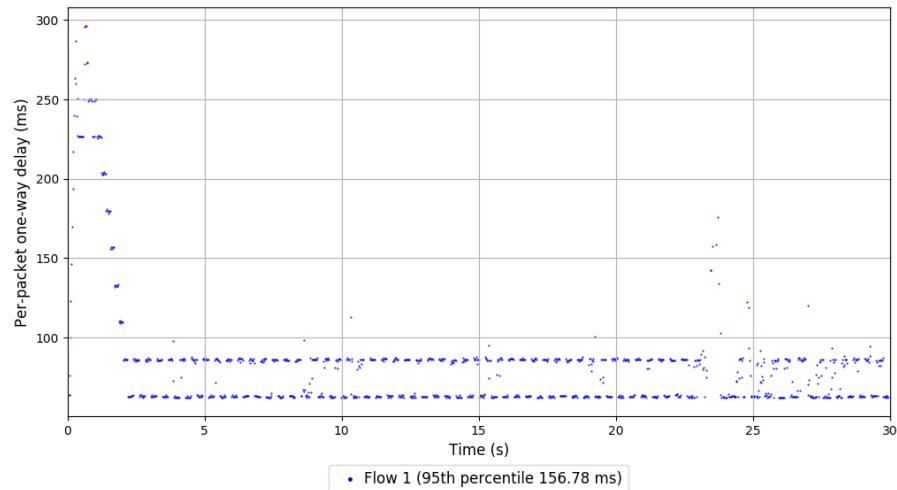
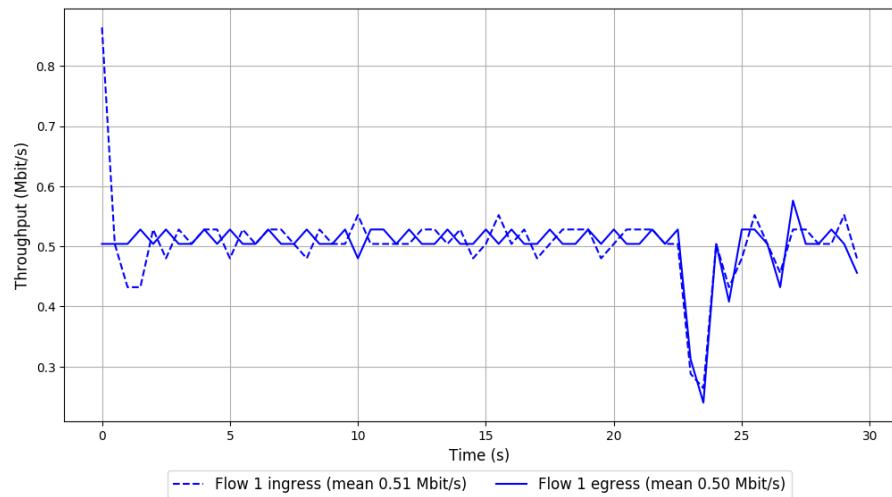
```
-- Flow 1:
```

```
Average throughput: 0.50 Mbit/s
```

```
95th percentile per-packet one-way delay: 156.780 ms
```

```
Loss rate: 0.79%
```

Run 7: Report of CalibratedKoho — Data Link

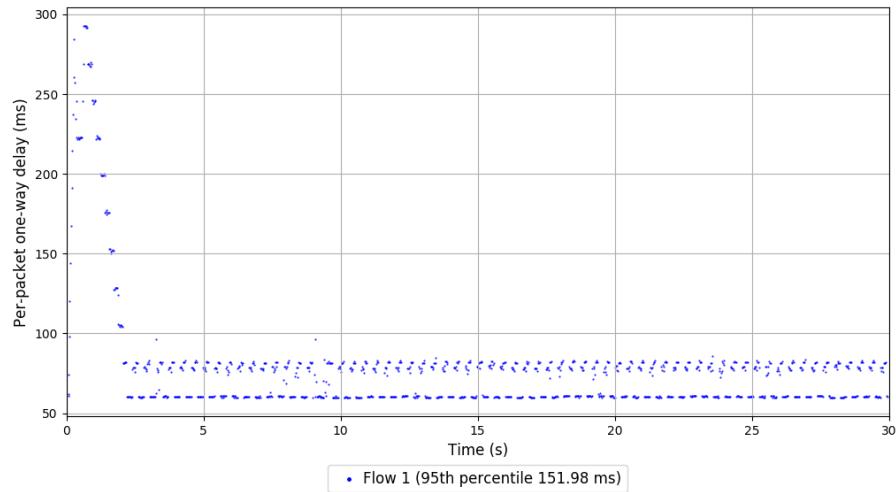
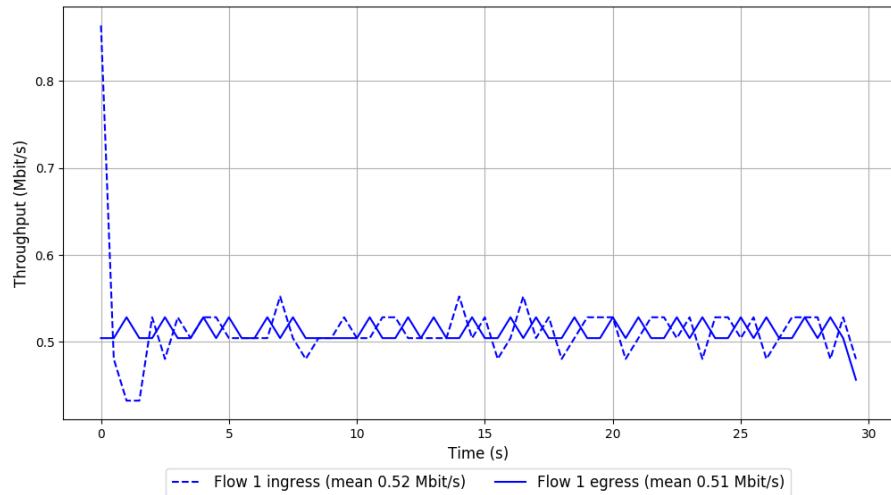


Run 8: Statistics of CalibratedKoho

```
Start at: Mon, 17 Jul 2017 00:10:35 +0000
End at: Mon, 17 Jul 2017 00:11:05 +0000
Local clock offset: -0.905 ms
Remote clock offset: 4.669 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 151.983 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 151.983 ms
Loss rate: 0.62%
```

Run 8: Report of CalibratedKoho — Data Link

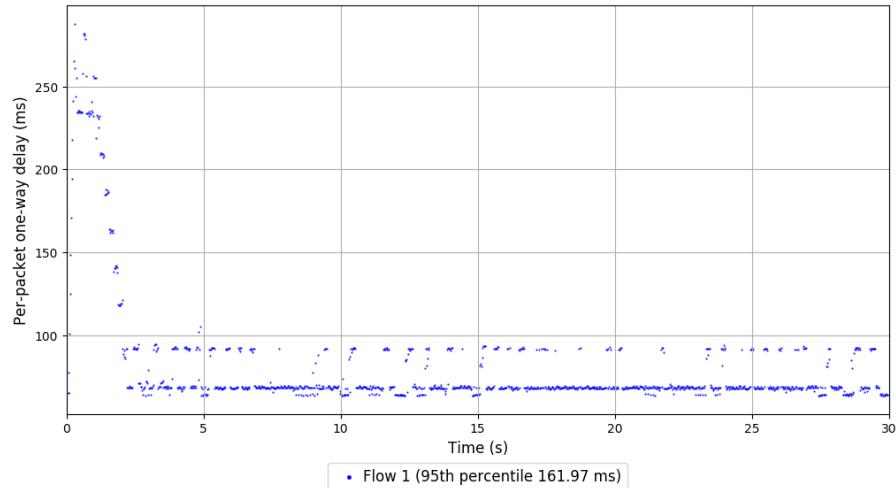
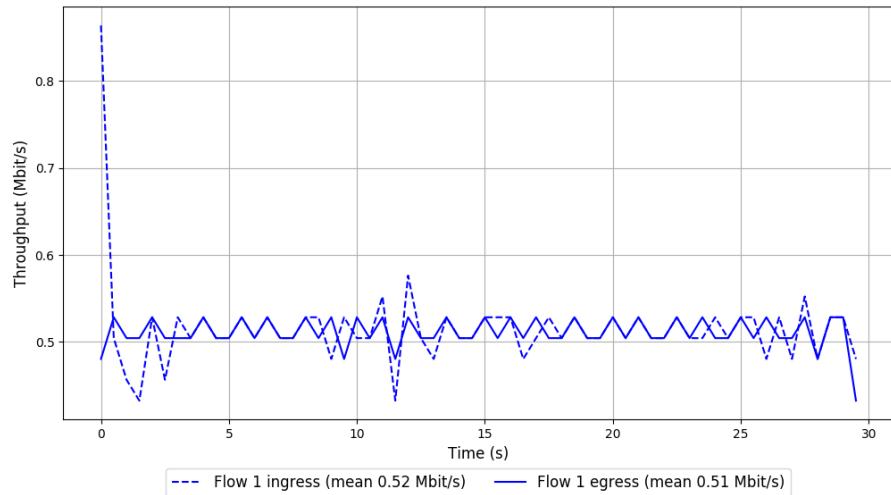


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Mon, 17 Jul 2017 00:27:33 +0000
End at: Mon, 17 Jul 2017 00:28:03 +0000
Local clock offset: 2.562 ms
Remote clock offset: 3.362 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 161.966 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 161.966 ms
Loss rate: 0.85%
```

Run 9: Report of CalibratedKoho — Data Link

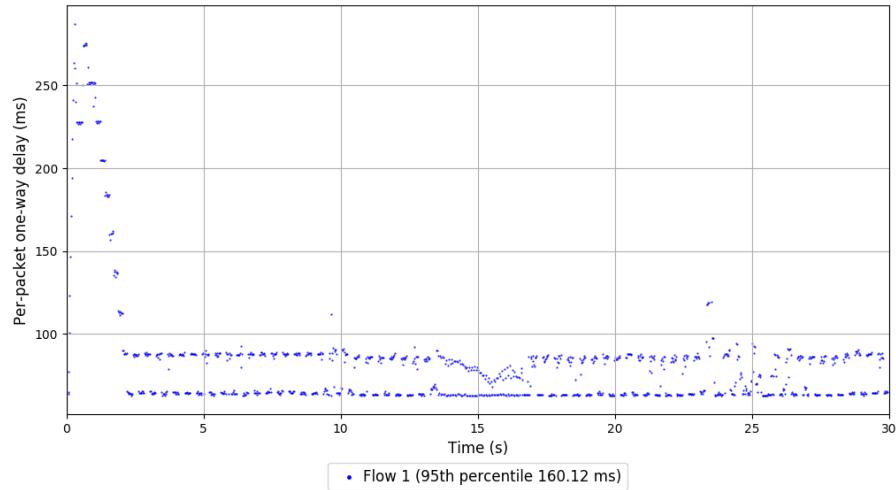
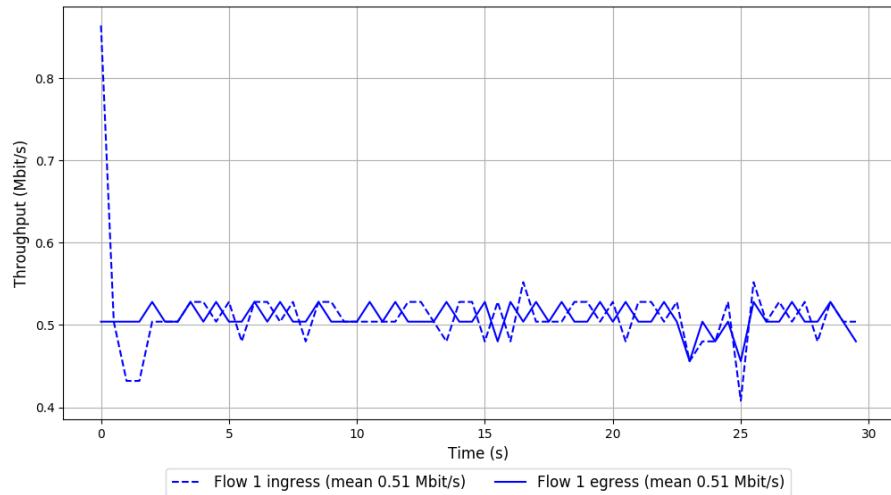


```
Run 10: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:44:38 +0000
End at: Mon, 17 Jul 2017 00:45:08 +0000
Local clock offset: 1.028 ms
Remote clock offset: 3.17 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 160.121 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 160.121 ms
Loss rate: 0.70%
```

Run 10: Report of CalibratedKoho — Data Link

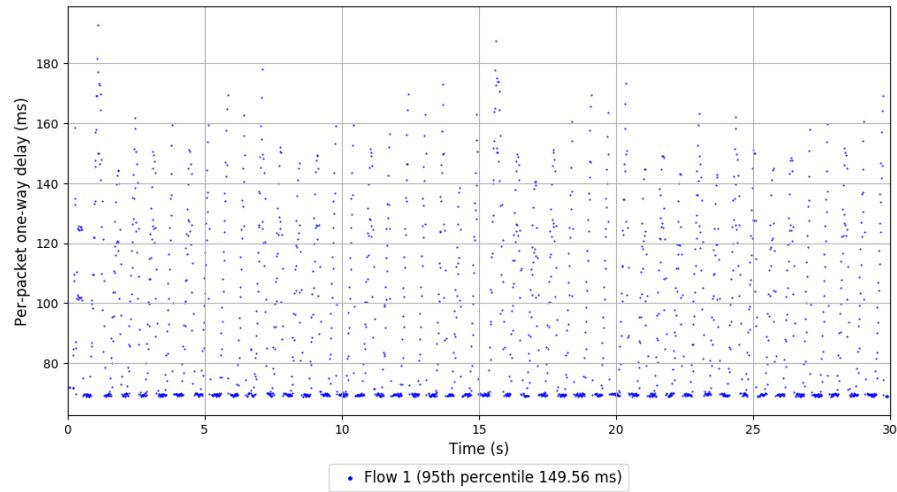
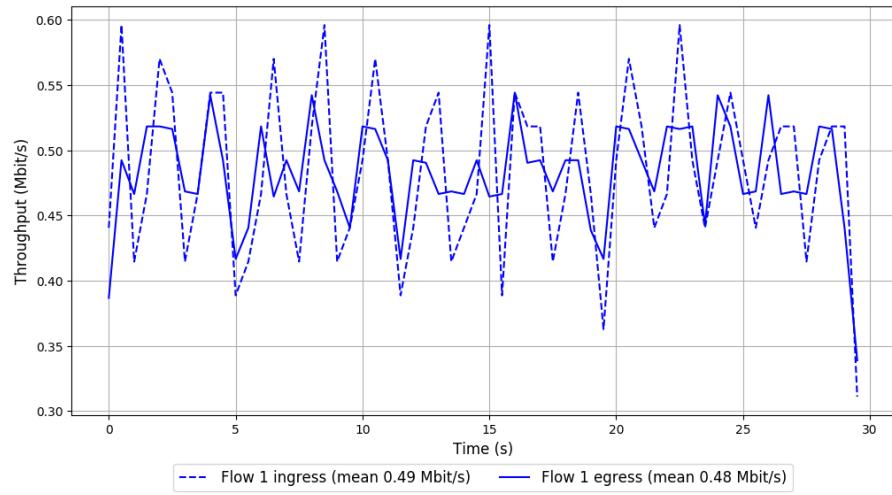


Run 1: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 22:03:13 +0000
End at: Sun, 16 Jul 2017 22:03:43 +0000
Local clock offset: 0.507 ms
Remote clock offset: -1.812 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 149.558 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 149.558 ms
Loss rate: 0.37%
```

### Run 1: Report of Copa — Data Link

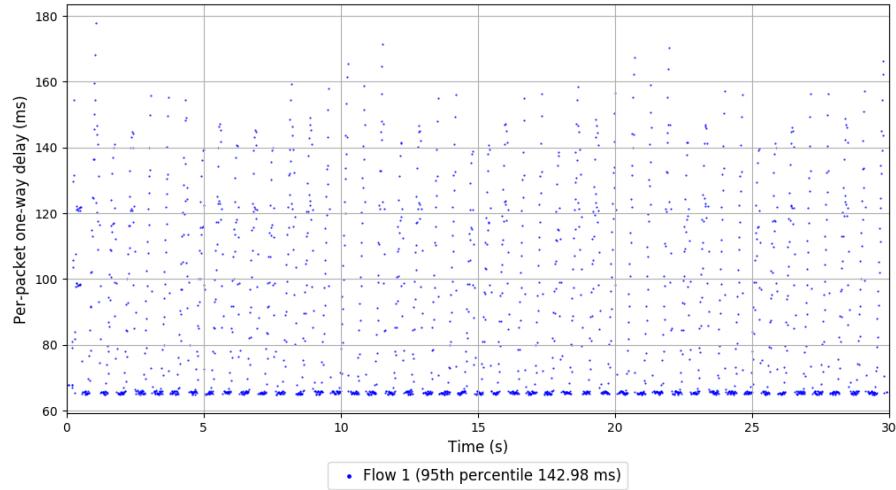
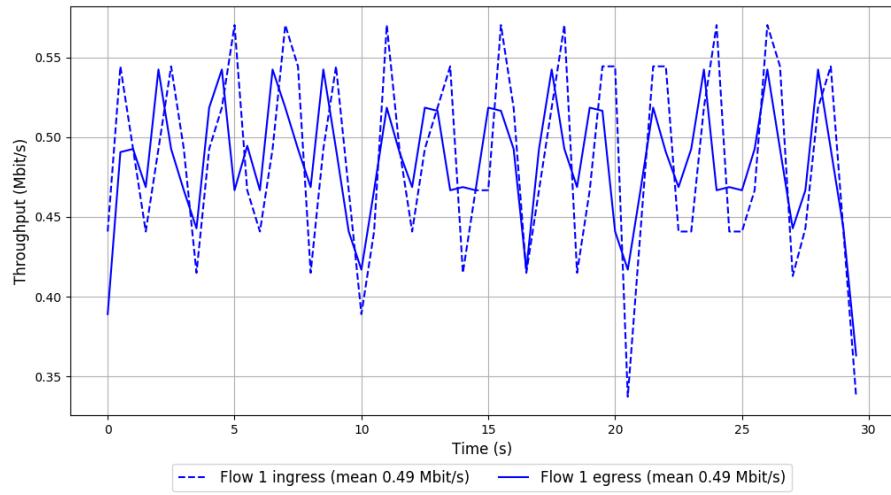


Run 2: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 22:20:15 +0000
End at: Sun, 16 Jul 2017 22:20:45 +0000
Local clock offset: 1.146 ms
Remote clock offset: 3.805 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 142.980 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 142.980 ms
Loss rate: 0.27%
```

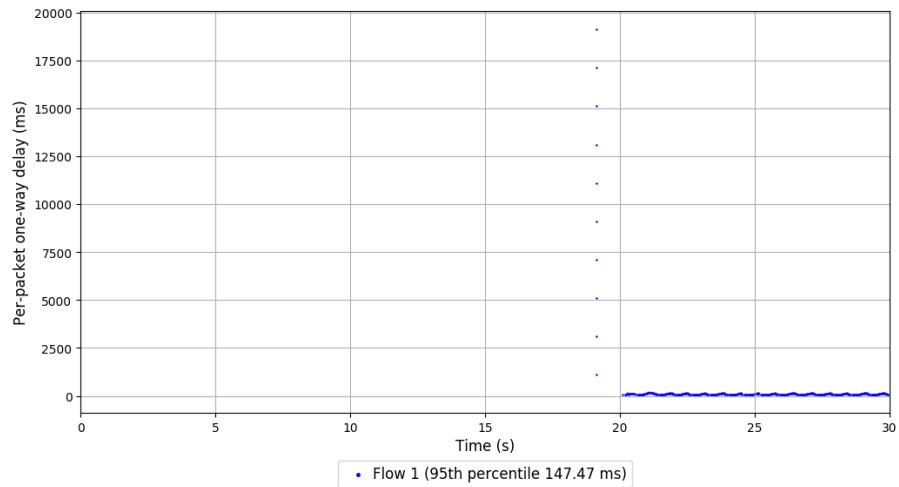
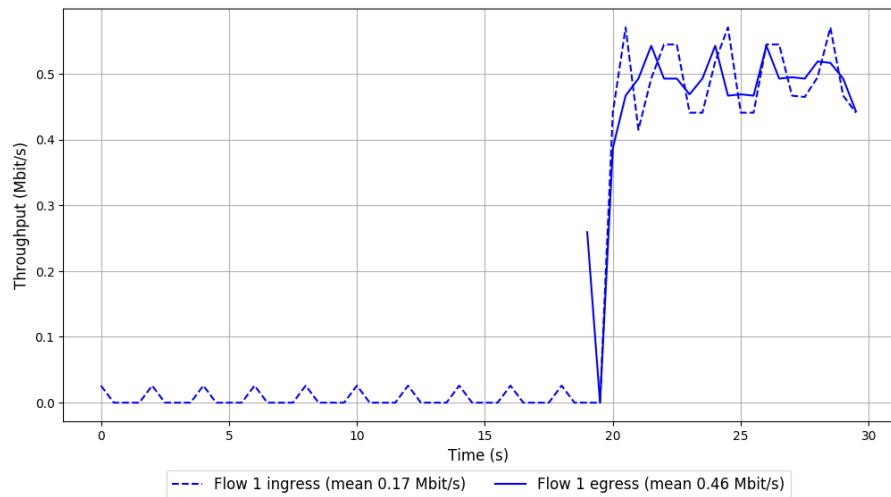
## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 22:37:27 +0000
End at: Sun, 16 Jul 2017 22:37:57 +0000
Local clock offset: -1.241 ms
Remote clock offset: 3.401 ms
```

### Run 3: Report of Copa — Data Link

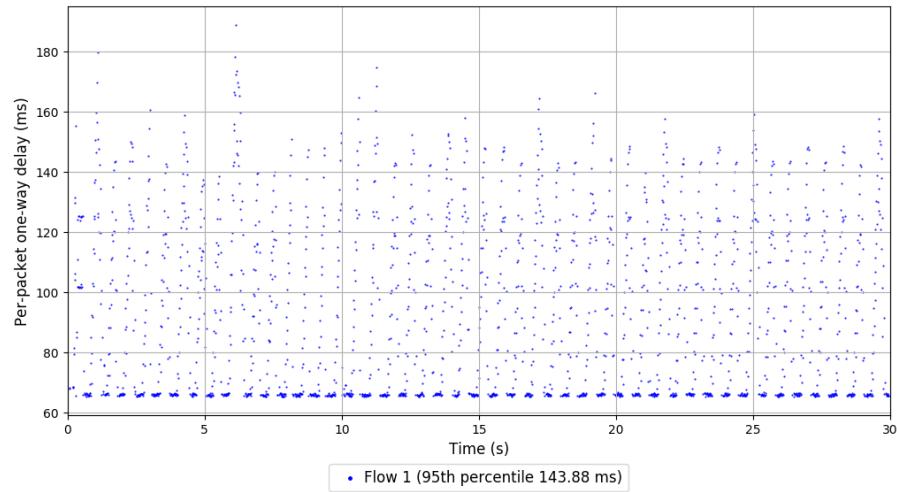
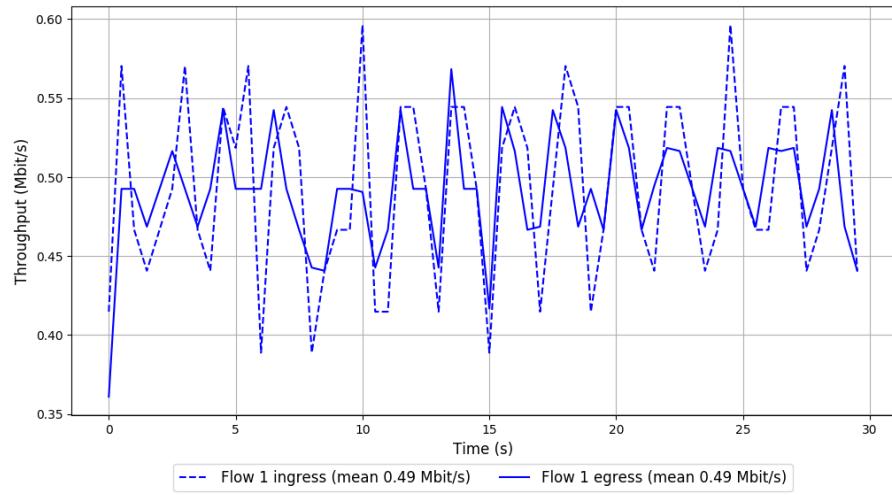


Run 4: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 22:54:28 +0000
End at: Sun, 16 Jul 2017 22:54:58 +0000
Local clock offset: 1.494 ms
Remote clock offset: 3.196 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 143.884 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 143.884 ms
Loss rate: 0.44%
```

## Run 4: Report of Copa — Data Link

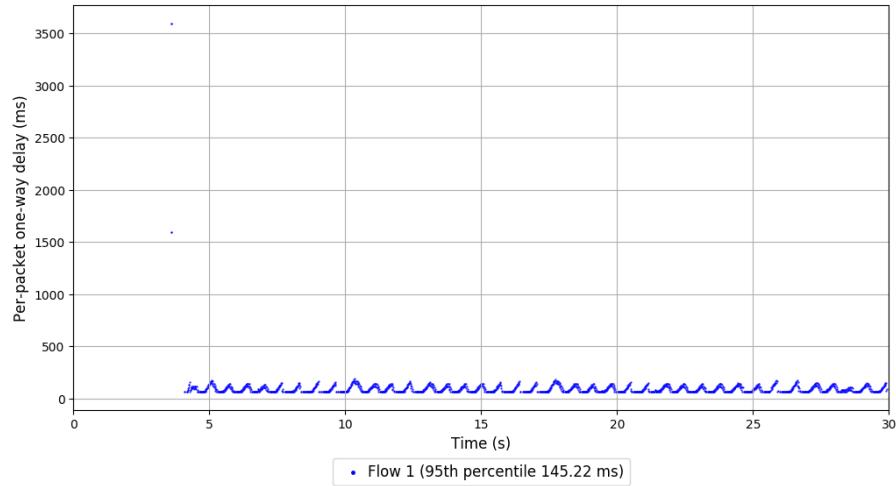
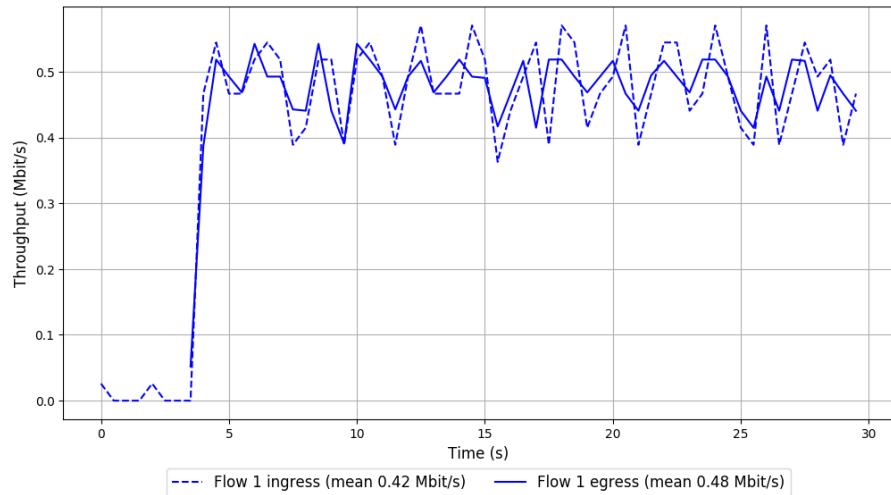


Run 5: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 23:11:35 +0000
End at: Sun, 16 Jul 2017 23:12:05 +0000
Local clock offset: 1.144 ms
Remote clock offset: 3.729 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 145.215 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 145.215 ms
Loss rate: 0.31%
```

## Run 5: Report of Copa — Data Link

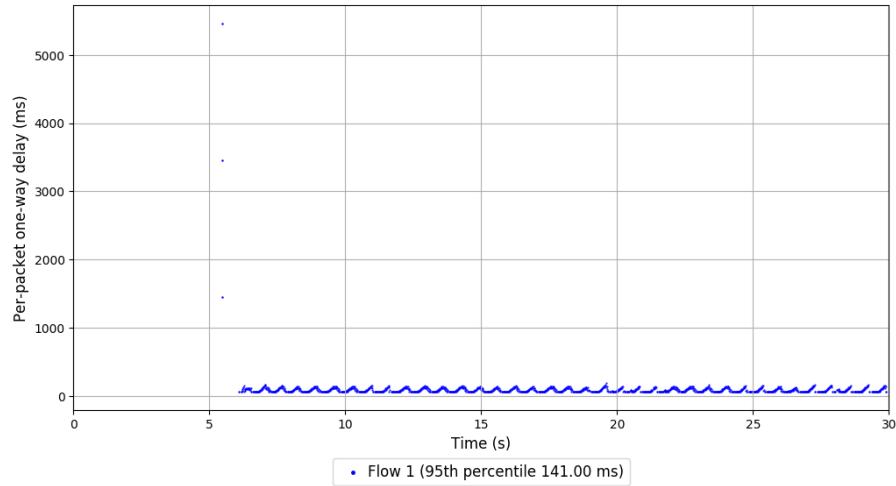
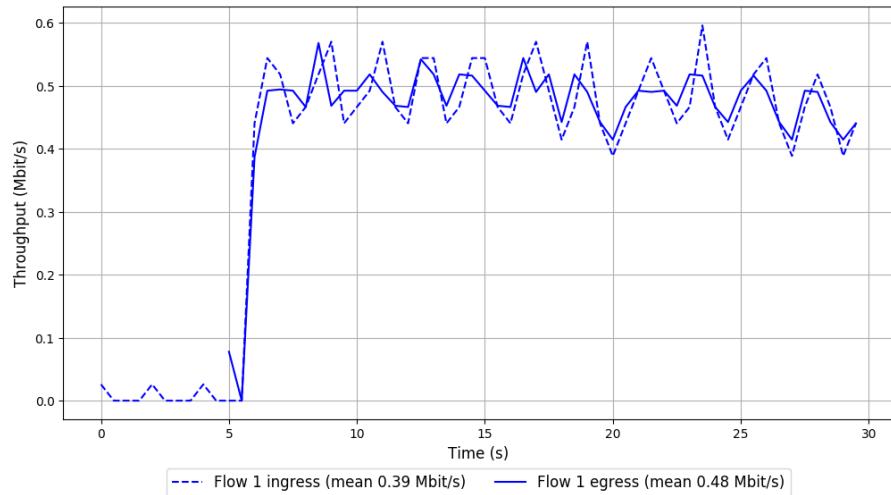


Run 6: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 23:28:40 +0000
End at: Sun, 16 Jul 2017 23:29:10 +0000
Local clock offset: -2.016 ms
Remote clock offset: 3.207 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 140.997 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 140.997 ms
Loss rate: 0.33%
```

## Run 6: Report of Copa — Data Link

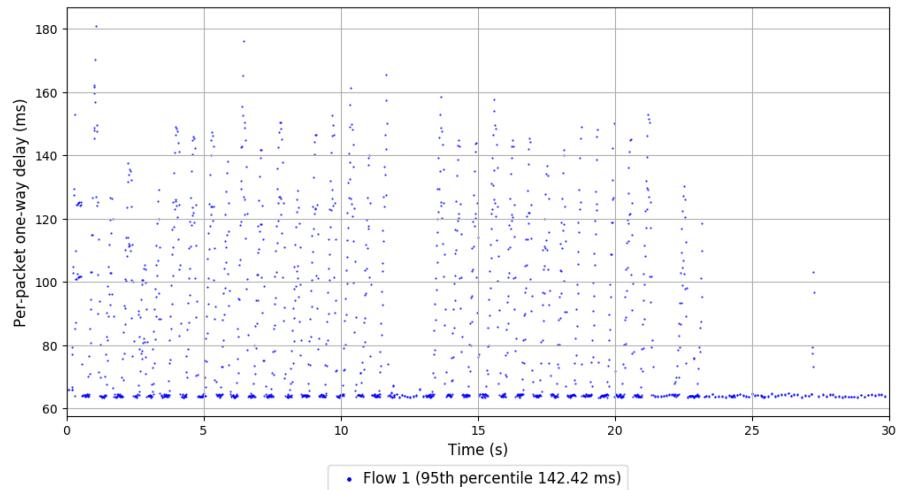
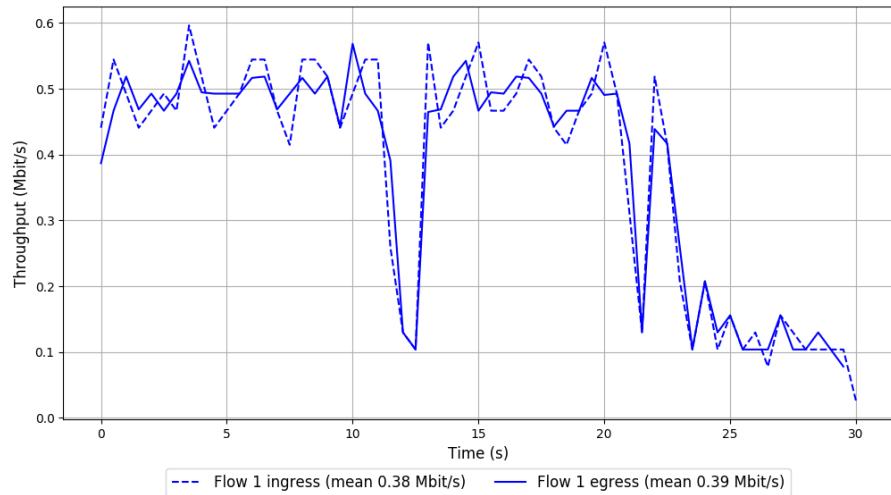


Run 7: Statistics of Copa

```
Start at: Sun, 16 Jul 2017 23:45:49 +0000
End at: Sun, 16 Jul 2017 23:46:19 +0000
Local clock offset: 2.134 ms
Remote clock offset: 3.943 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 142.423 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 142.423 ms
Loss rate: 0.23%
```

### Run 7: Report of Copa — Data Link

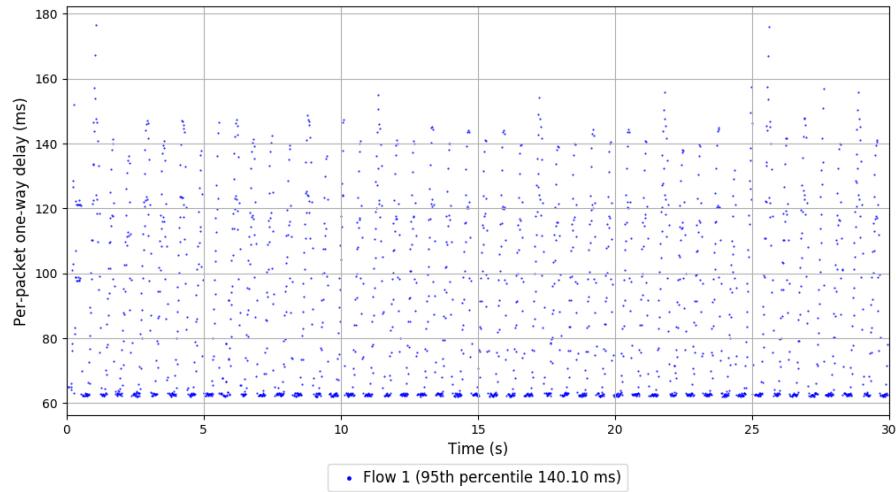
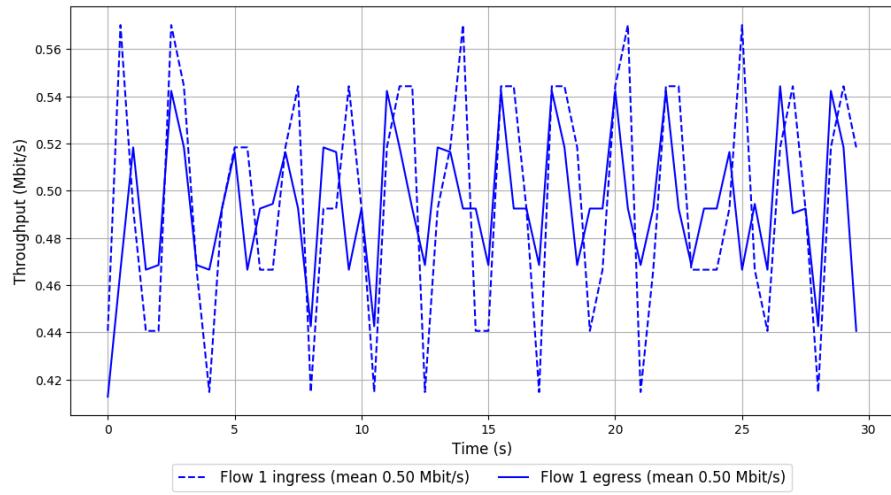


Run 8: Statistics of Copa

```
Start at: Mon, 17 Jul 2017 00:03:19 +0000
End at: Mon, 17 Jul 2017 00:03:49 +0000
Local clock offset: 1.041 ms
Remote clock offset: 4.141 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 140.101 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 140.101 ms
Loss rate: 0.53%
```

### Run 8: Report of Copa — Data Link

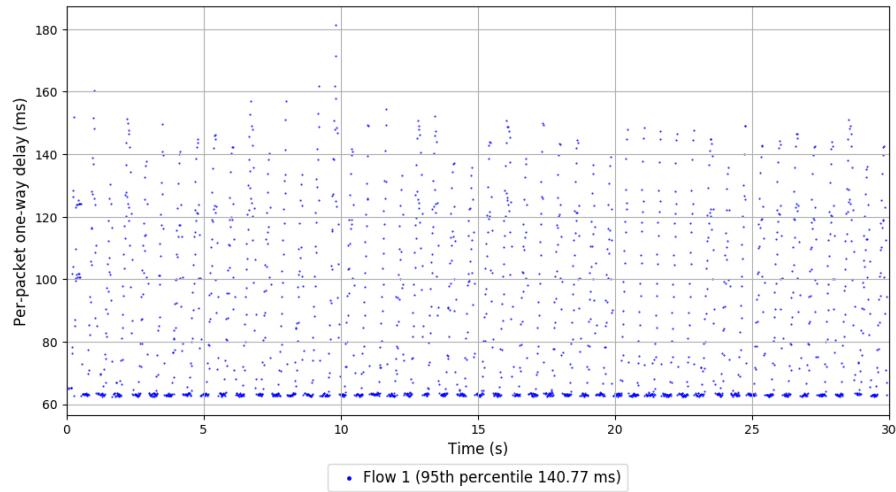
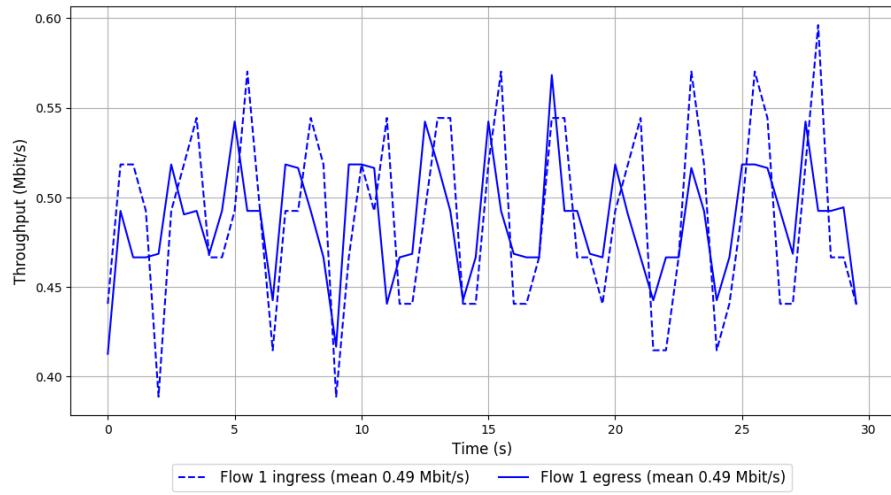


Run 9: Statistics of Copa

```
Start at: Mon, 17 Jul 2017 00:20:15 +0000
End at: Mon, 17 Jul 2017 00:20:45 +0000
Local clock offset: 1.288 ms
Remote clock offset: 3.159 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 140.769 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 140.769 ms
Loss rate: 0.27%
```

### Run 9: Report of Copa — Data Link

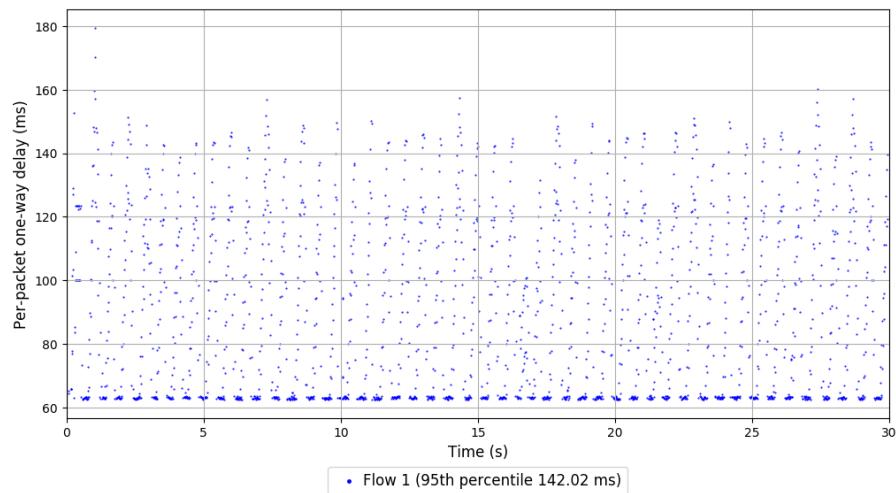
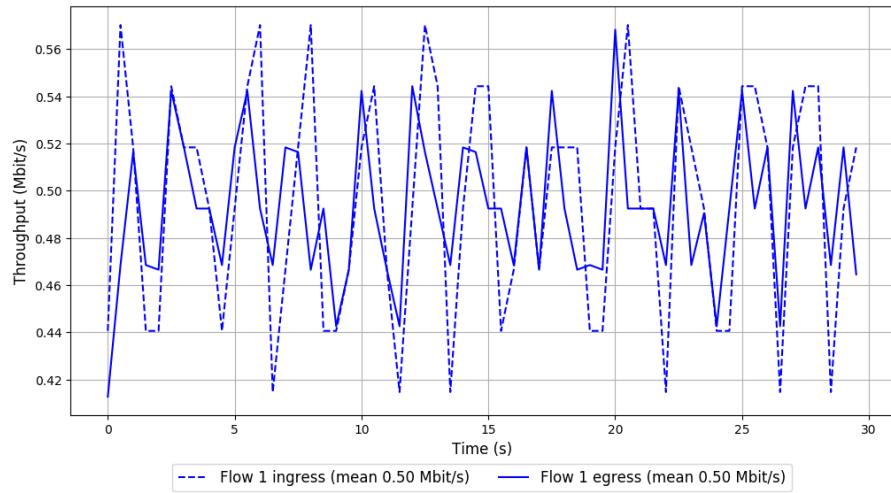


Run 10: Statistics of Copa

```
Start at: Mon, 17 Jul 2017 00:37:14 +0000
End at: Mon, 17 Jul 2017 00:37:44 +0000
Local clock offset: 1.046 ms
Remote clock offset: 2.879 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 142.024 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 142.024 ms
Loss rate: 0.36%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Sun, 16 Jul 2017 22:04:27 +0000
```

```
End at: Sun, 16 Jul 2017 22:04:57 +0000
```

```
Local clock offset: 0.957 ms
```

```
Remote clock offset: 3.038 ms
```

```
# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:14 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 295.735 ms
```

```
Loss rate: 4.43%
```

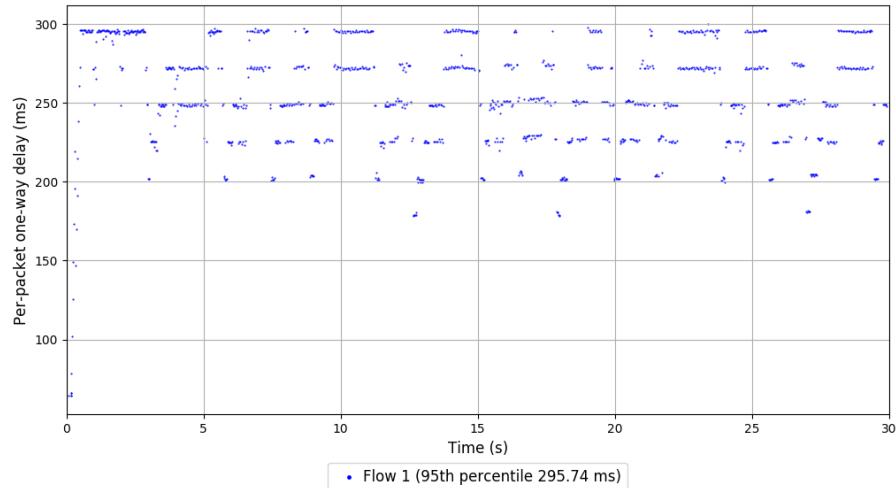
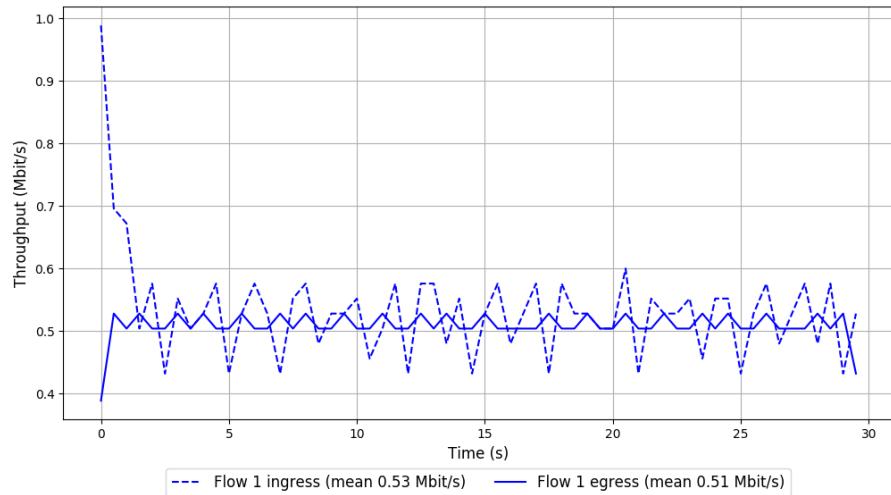
```
-- Flow 1:
```

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 295.735 ms
```

```
Loss rate: 4.43%
```

### Run 1: Report of TCP Cubic — Data Link

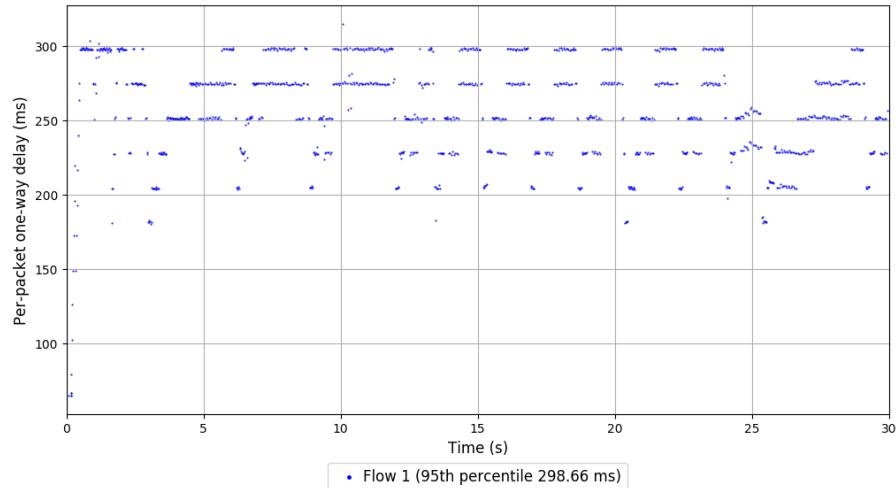
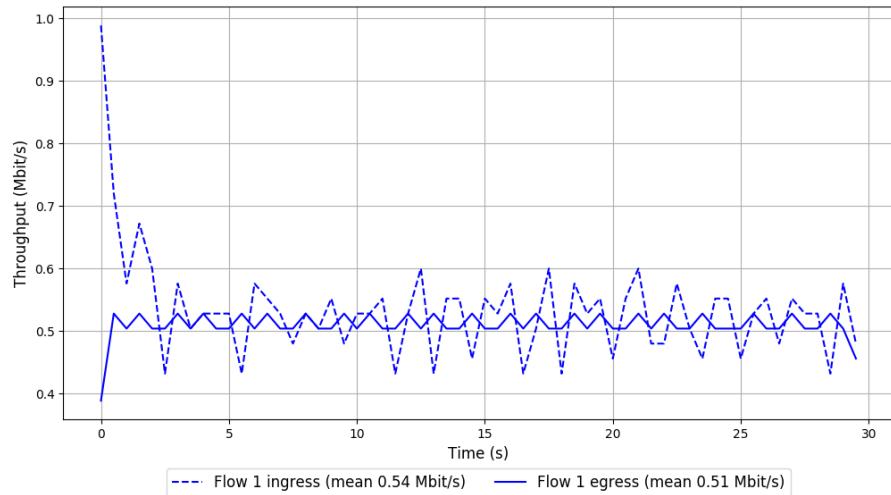


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 16 Jul 2017 22:21:30 +0000
End at: Sun, 16 Jul 2017 22:22:00 +0000
Local clock offset: 0.583 ms
Remote clock offset: 2.776 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.660 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.660 ms
Loss rate: 4.49%
```

## Run 2: Report of TCP Cubic — Data Link

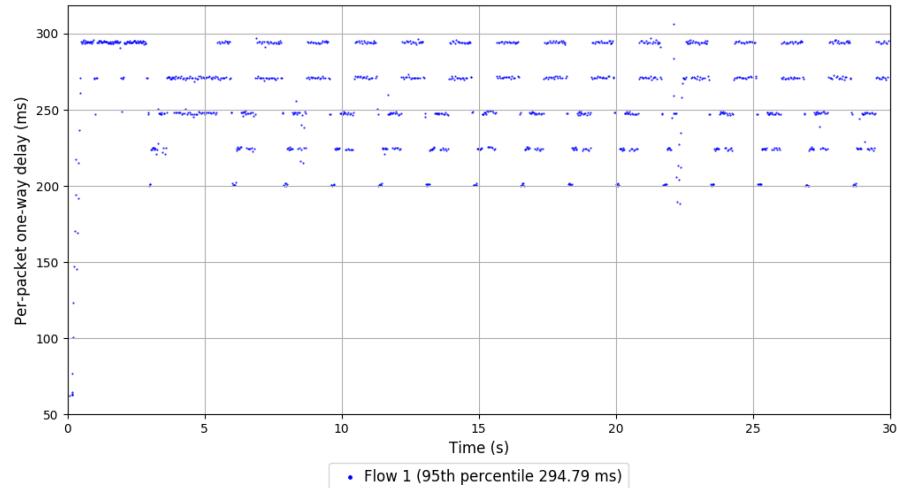
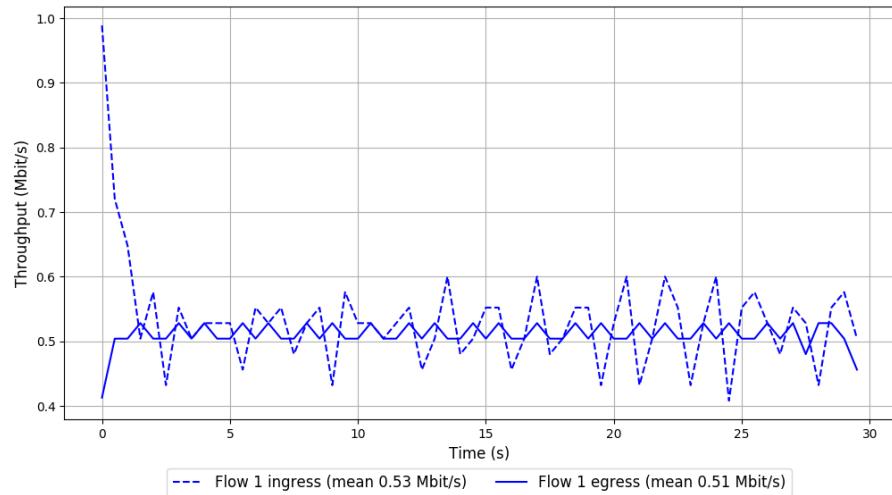


Run 3: Statistics of TCP Cubic

```
Start at: Sun, 16 Jul 2017 22:38:39 +0000
End at: Sun, 16 Jul 2017 22:39:09 +0000
Local clock offset: -0.819 ms
Remote clock offset: 4.006 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.790 ms
Loss rate: 4.28%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.790 ms
Loss rate: 4.28%
```

### Run 3: Report of TCP Cubic — Data Link

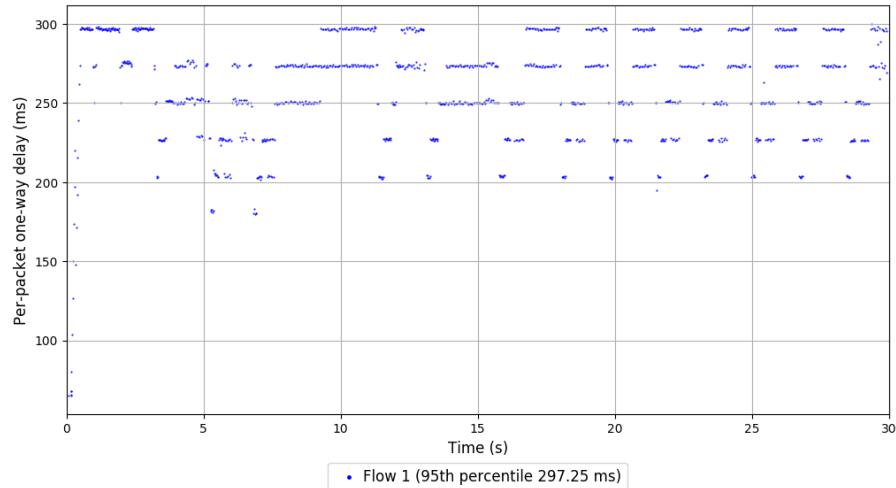
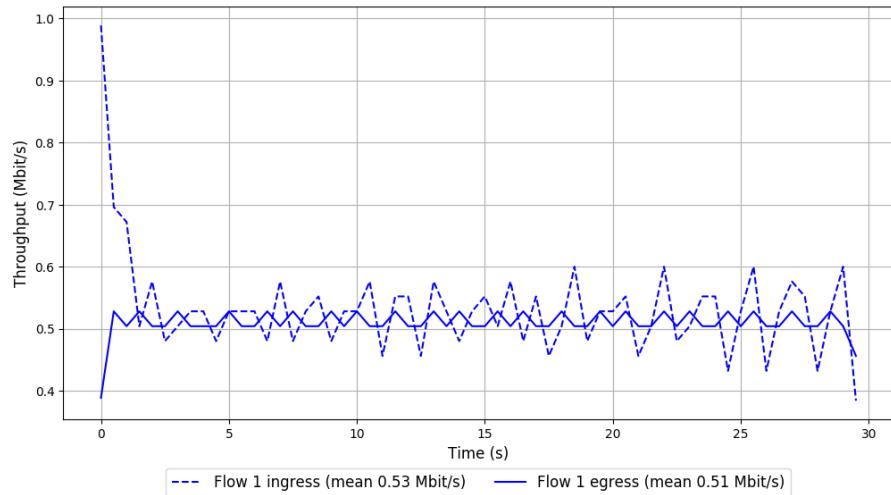


Run 4: Statistics of TCP Cubic

```
Start at: Sun, 16 Jul 2017 22:55:41 +0000
End at: Sun, 16 Jul 2017 22:56:11 +0000
Local clock offset: 1.49 ms
Remote clock offset: 3.79 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.251 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.251 ms
Loss rate: 4.21%
```

### Run 4: Report of TCP Cubic — Data Link

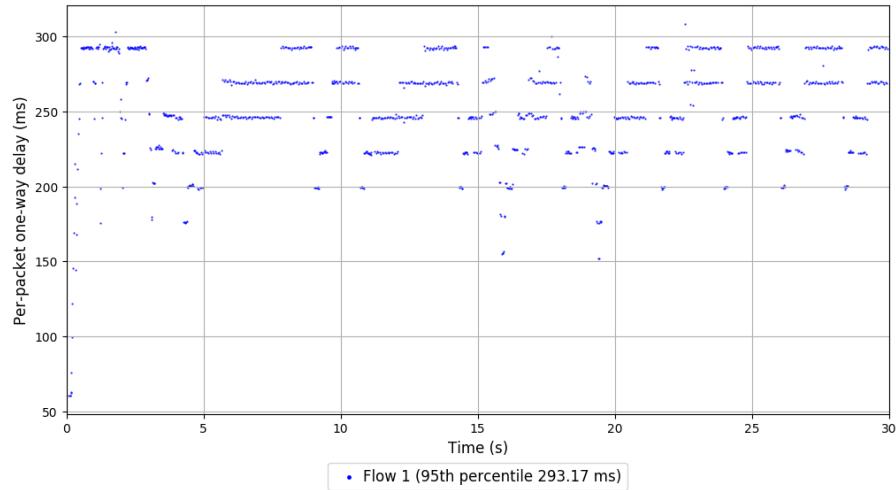
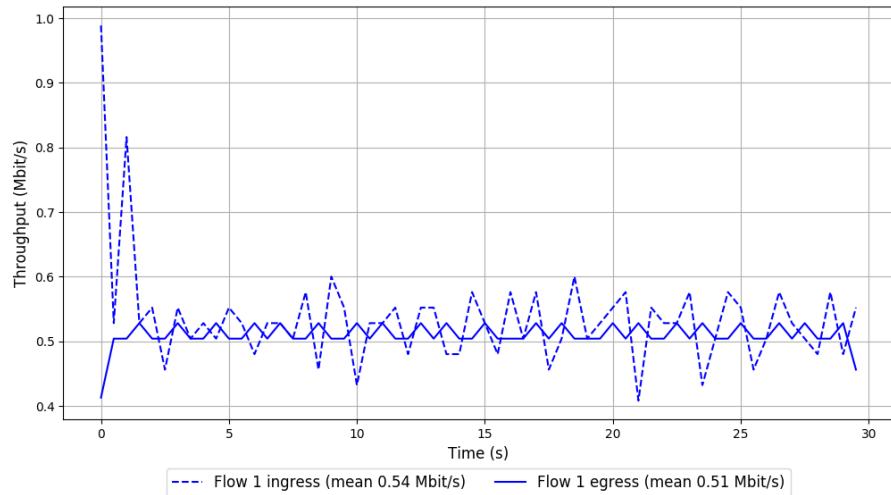


Run 5: Statistics of TCP Cubic

```
Start at: Sun, 16 Jul 2017 23:12:48 +0000
End at: Sun, 16 Jul 2017 23:13:18 +0000
Local clock offset: -1.85 ms
Remote clock offset: 4.586 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 293.166 ms
Loss rate: 4.71%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 293.166 ms
Loss rate: 4.71%
```

### Run 5: Report of TCP Cubic — Data Link

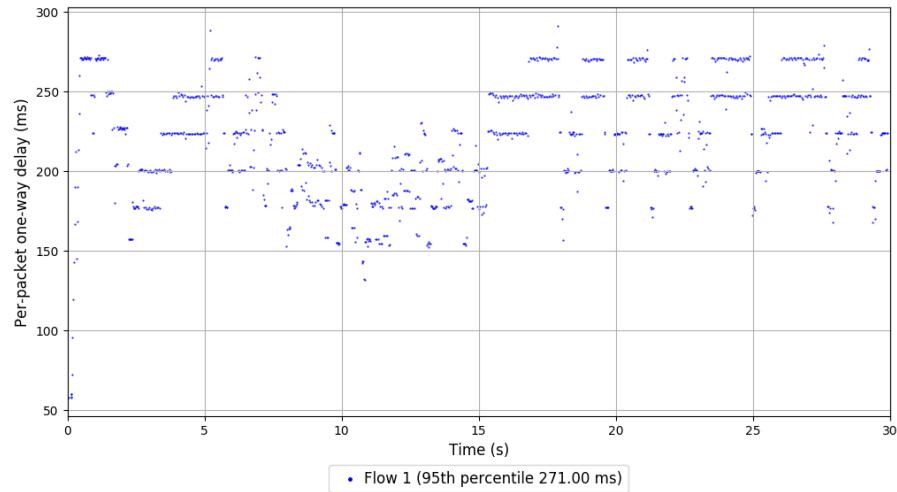
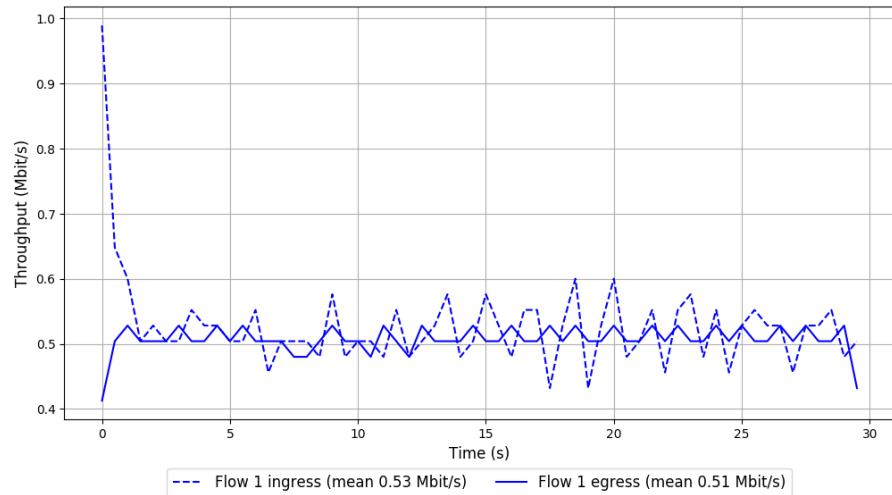


Run 6: Statistics of TCP Cubic

```
Start at: Sun, 16 Jul 2017 23:29:55 +0000
End at: Sun, 16 Jul 2017 23:30:25 +0000
Local clock offset: -0.943 ms
Remote clock offset: 6.326 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 270.995 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 270.995 ms
Loss rate: 3.87%
```

### Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:47:03 +0000

End at: Sun, 16 Jul 2017 23:47:33 +0000

Local clock offset: 2.176 ms

Remote clock offset: 3.588 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.449 ms

Loss rate: 4.60%

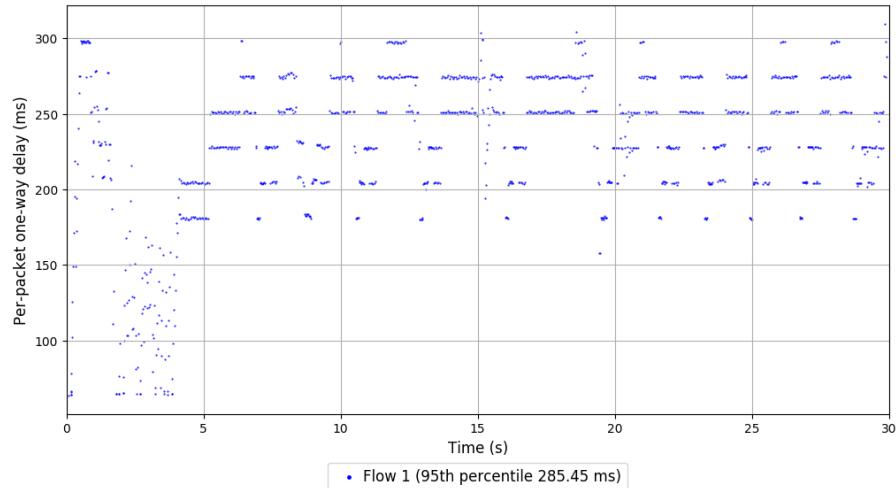
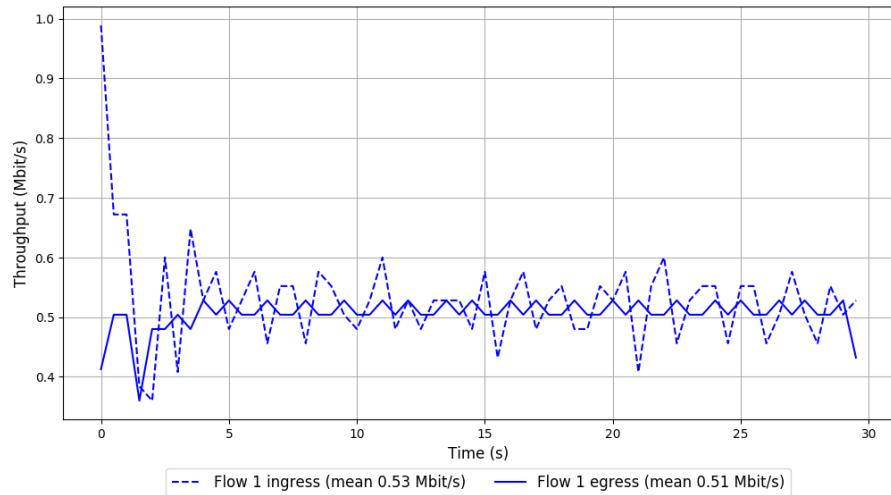
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.449 ms

Loss rate: 4.60%

### Run 7: Report of TCP Cubic — Data Link

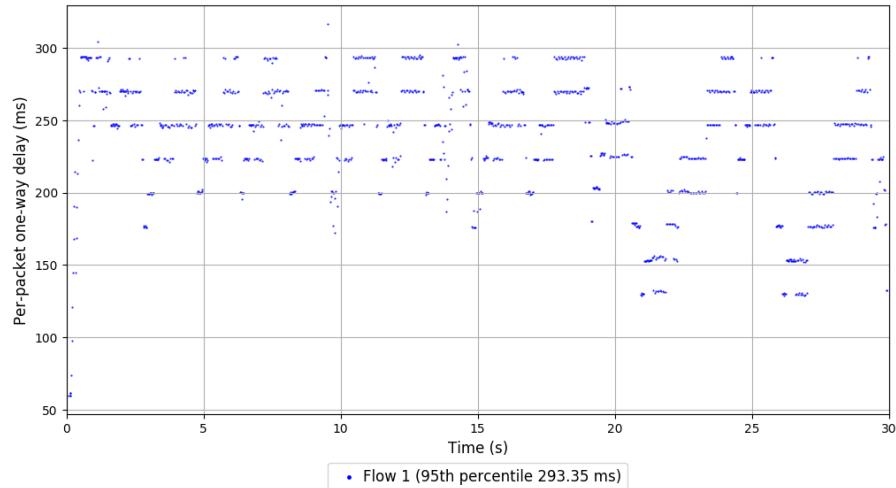
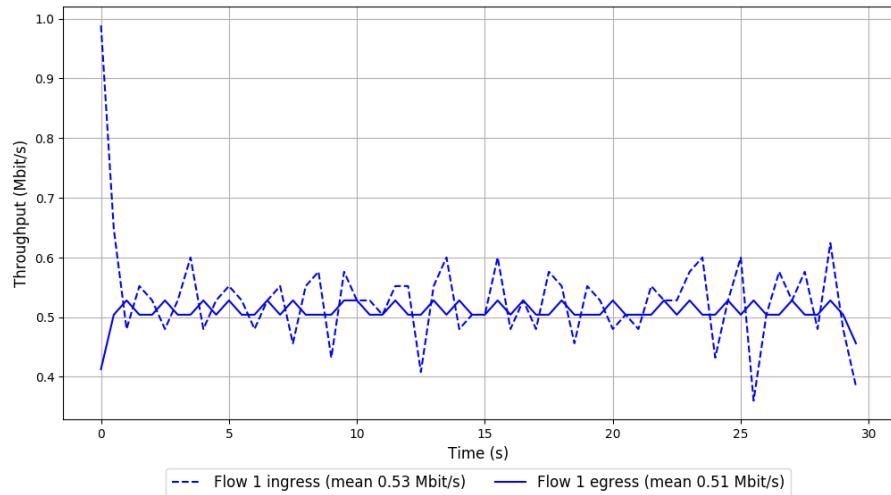


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 17 Jul 2017 00:04:31 +0000
End at: Mon, 17 Jul 2017 00:05:01 +0000
Local clock offset: -1.905 ms
Remote clock offset: 3.692 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 293.352 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 293.352 ms
Loss rate: 3.85%
```

### Run 8: Report of TCP Cubic — Data Link

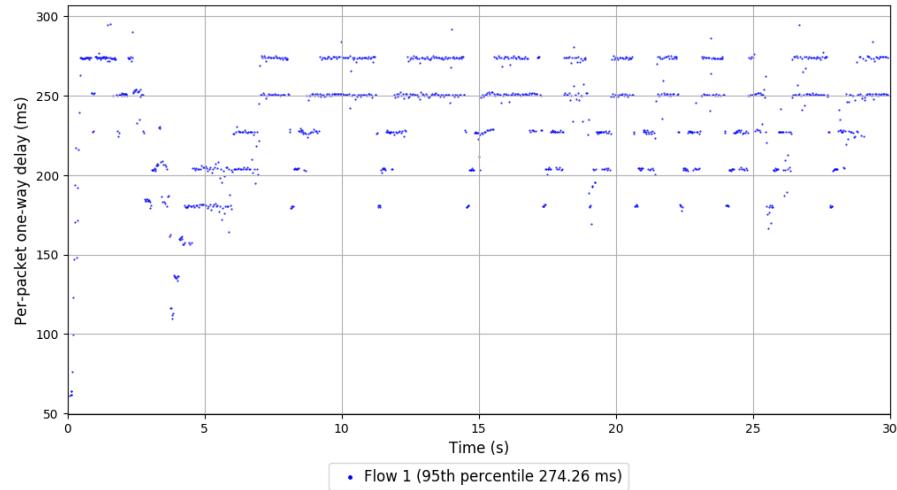
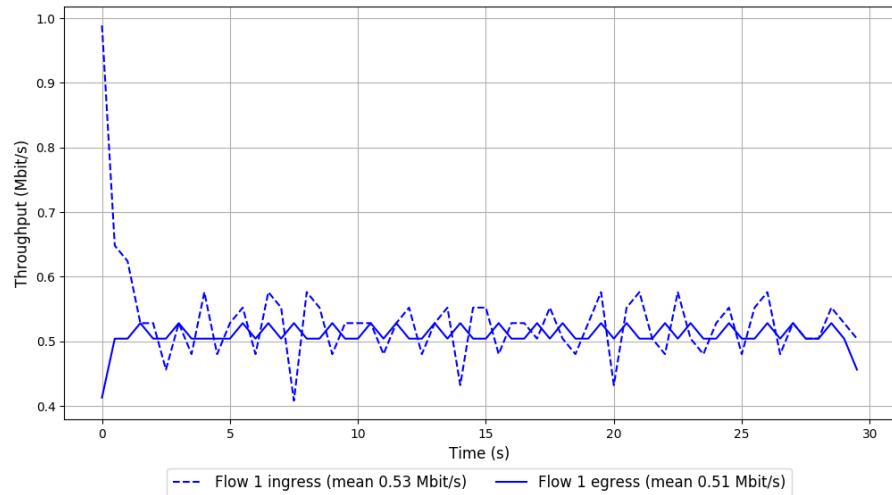


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 17 Jul 2017 00:21:28 +0000
End at: Mon, 17 Jul 2017 00:21:58 +0000
Local clock offset: 0.751 ms
Remote clock offset: 4.091 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 274.263 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 274.263 ms
Loss rate: 3.92%
```

### Run 9: Report of TCP Cubic — Data Link

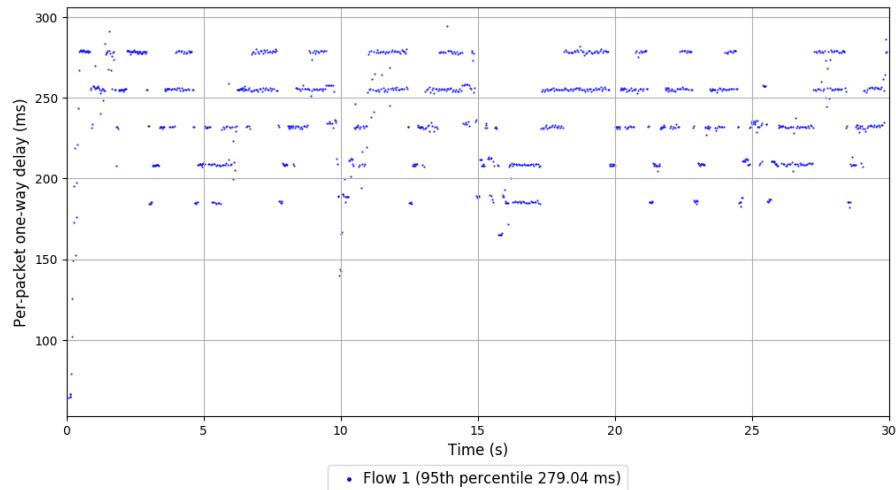
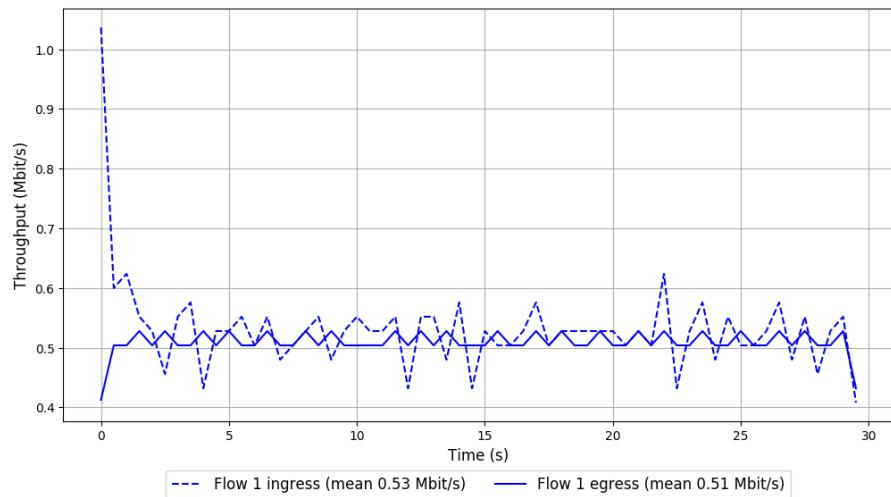


Run 10: Statistics of TCP Cubic

```
Start at: Mon, 17 Jul 2017 00:38:28 +0000
End at: Mon, 17 Jul 2017 00:38:58 +0000
Local clock offset: 2.642 ms
Remote clock offset: 3.739 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 279.041 ms
Loss rate: 4.07%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 279.041 ms
Loss rate: 4.07%
```

## Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Sun, 16 Jul 2017 22:09:18 +0000
```

```
End at: Sun, 16 Jul 2017 22:09:48 +0000
```

```
Local clock offset: 1.925 ms
```

```
Remote clock offset: 2.914 ms
```

```
# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 136.338 ms
```

```
Loss rate: 0.78%
```

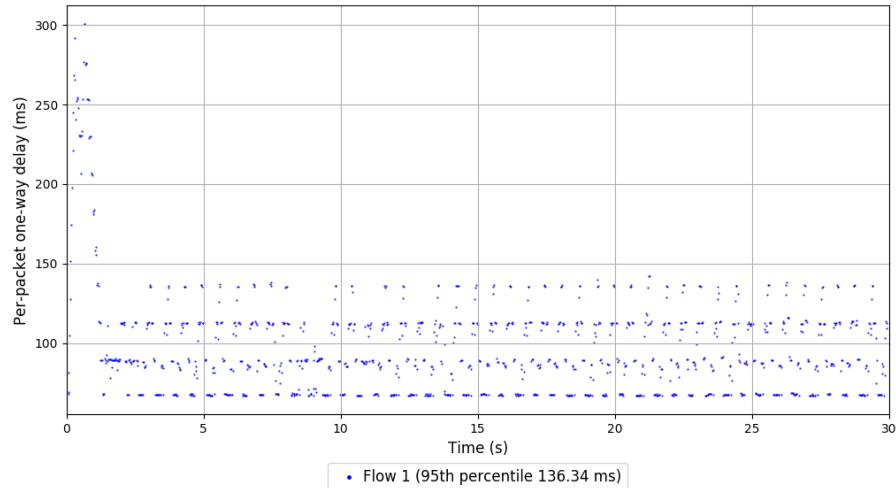
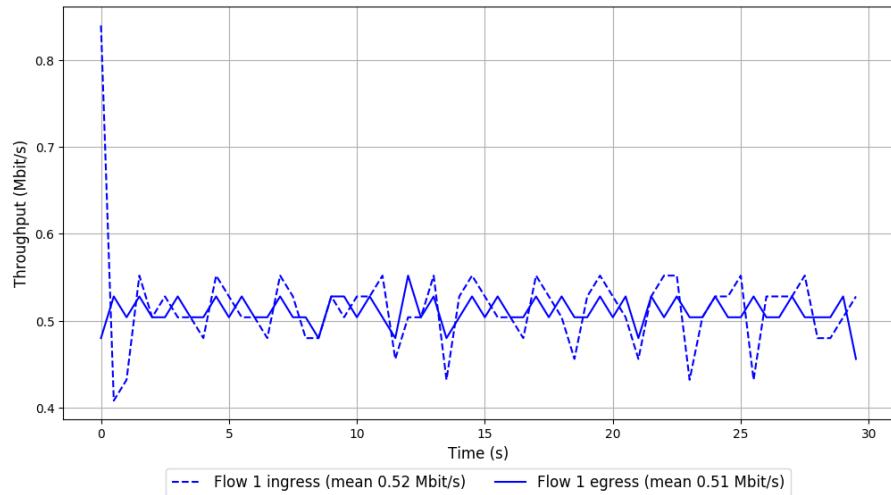
```
-- Flow 1:
```

```
Average throughput: 0.51 Mbit/s
```

```
95th percentile per-packet one-way delay: 136.338 ms
```

```
Loss rate: 0.78%
```

## Run 1: Report of KohoCC — Data Link

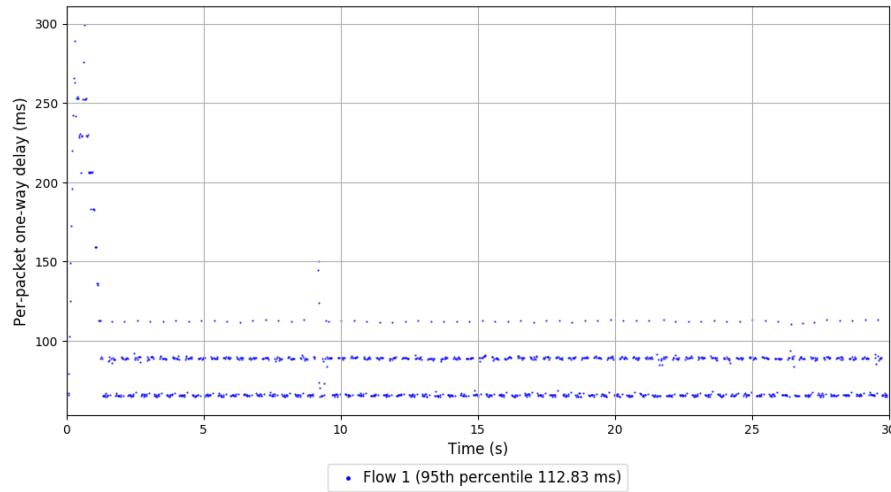
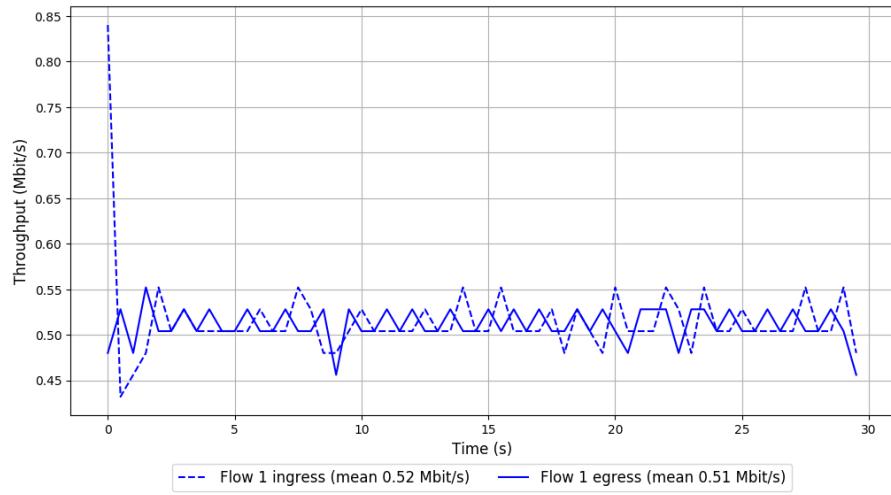


Run 2: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 22:26:33 +0000
End at: Sun, 16 Jul 2017 22:27:03 +0000
Local clock offset: 2.332 ms
Remote clock offset: 4.505 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.832 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.832 ms
Loss rate: 0.85%
```

## Run 2: Report of KohoCC — Data Link

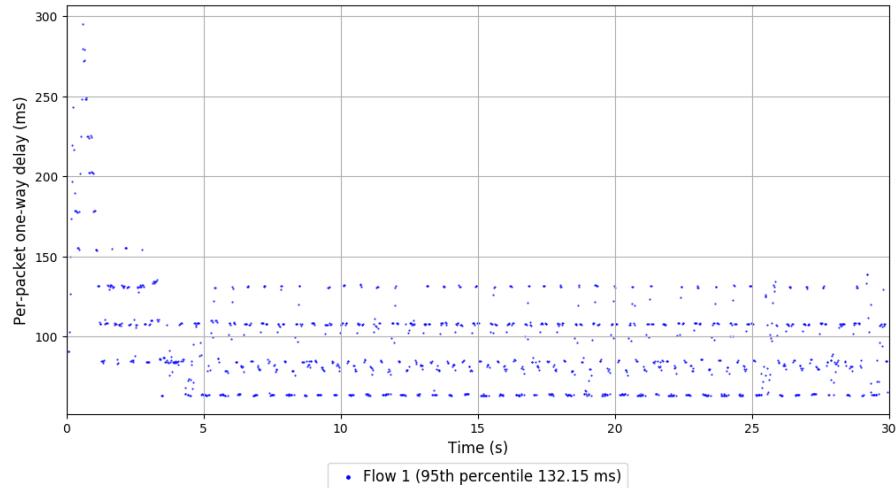
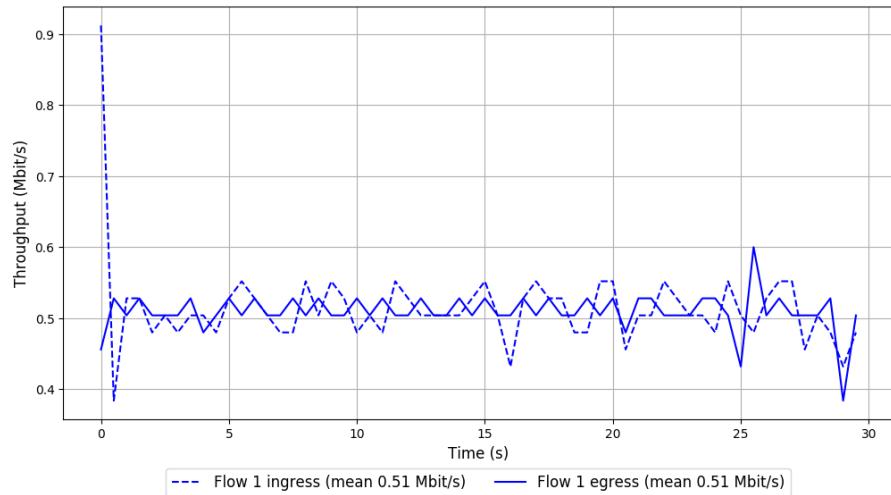


Run 3: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 22:43:31 +0000
End at: Sun, 16 Jul 2017 22:44:01 +0000
Local clock offset: -0.131 ms
Remote clock offset: 3.799 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 132.146 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 132.146 ms
Loss rate: 0.86%
```

### Run 3: Report of KohoCC — Data Link

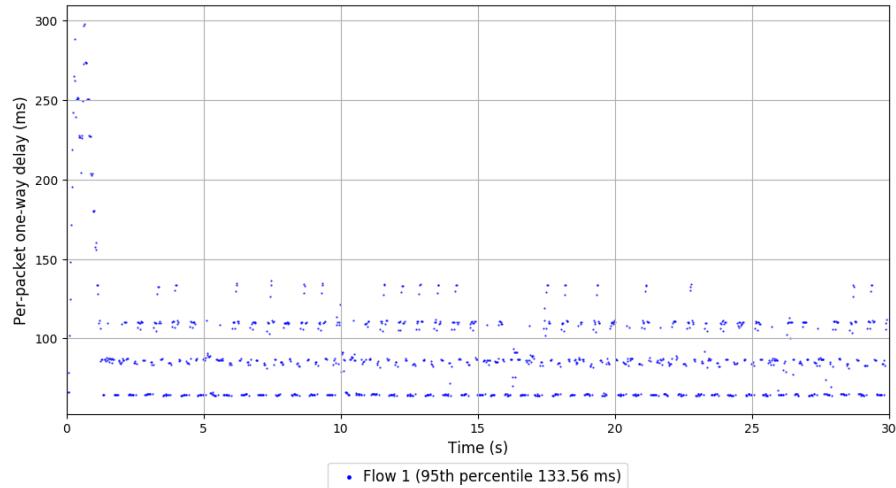
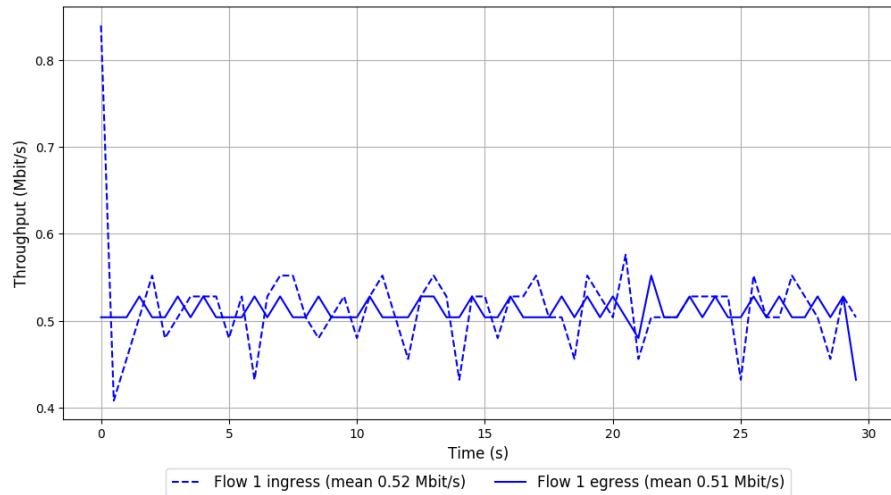


Run 4: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 23:00:40 +0000
End at: Sun, 16 Jul 2017 23:01:10 +0000
Local clock offset: -0.67 ms
Remote clock offset: 3.157 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 133.559 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 133.559 ms
Loss rate: 0.70%
```

## Run 4: Report of KohoCC — Data Link

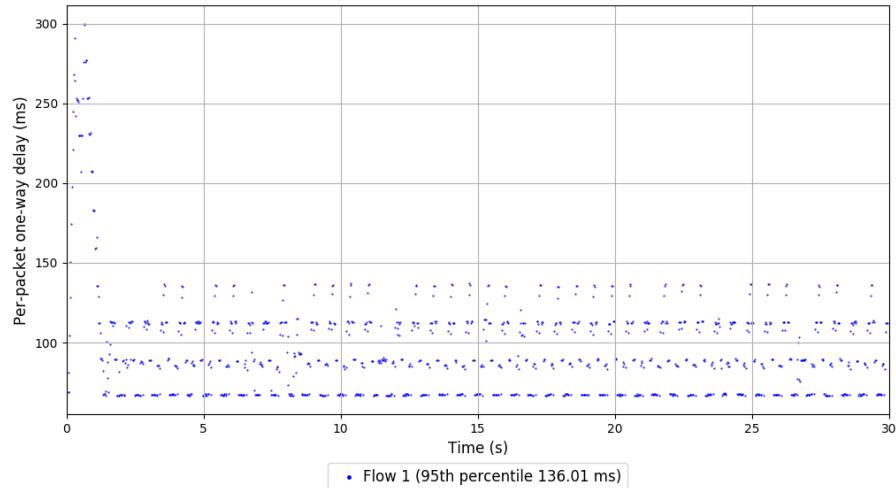
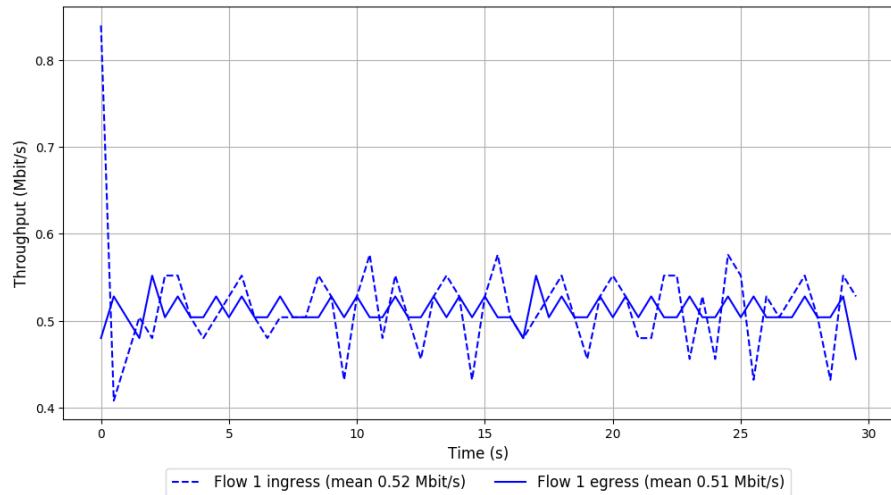


Run 5: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 23:17:45 +0000
End at: Sun, 16 Jul 2017 23:18:15 +0000
Local clock offset: -3.728 ms
Remote clock offset: -2.101 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 136.007 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 136.007 ms
Loss rate: 0.78%
```

### Run 5: Report of KohoCC — Data Link

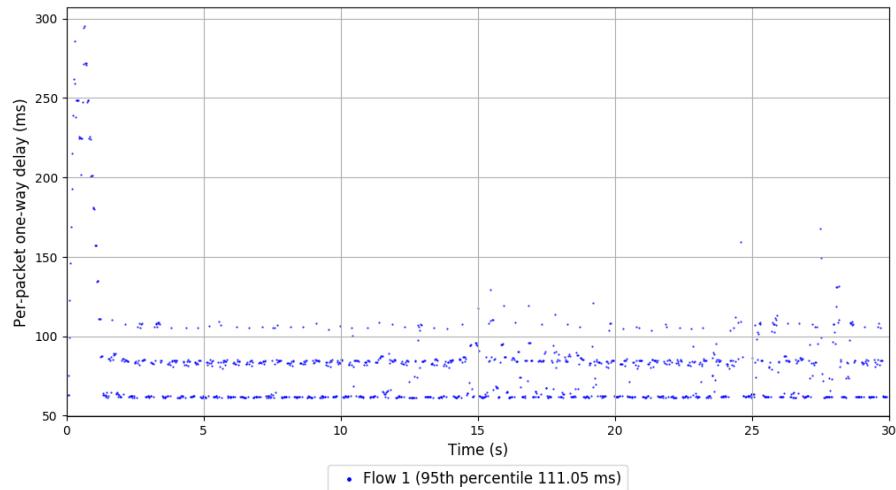
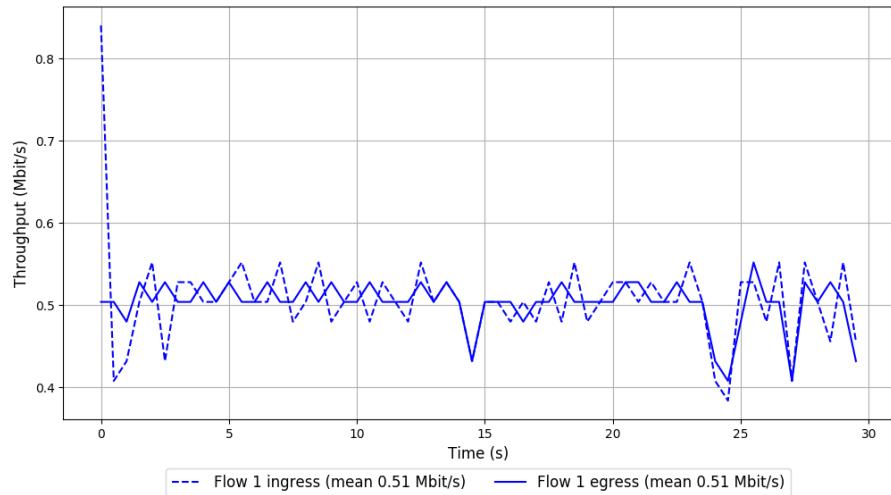


Run 6: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 23:34:47 +0000
End at: Sun, 16 Jul 2017 23:35:17 +0000
Local clock offset: 1.042 ms
Remote clock offset: 5.207 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 111.053 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 111.053 ms
Loss rate: 0.71%
```

Run 6: Report of KohoCC — Data Link

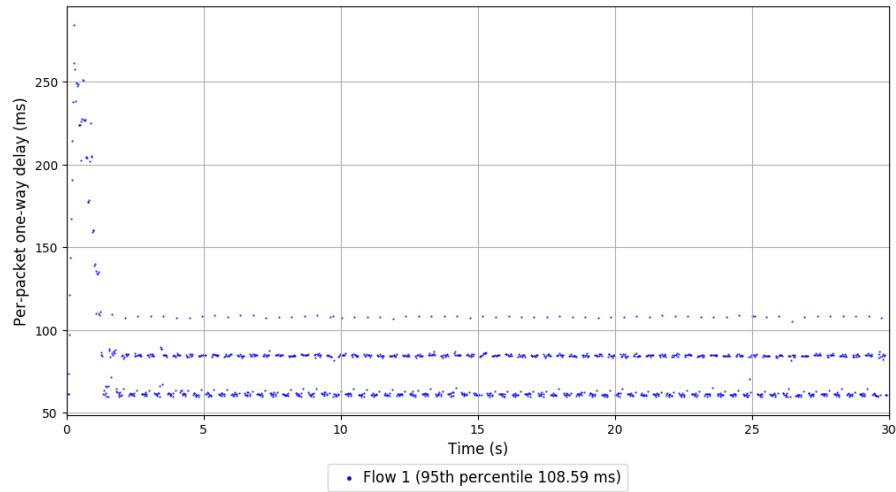
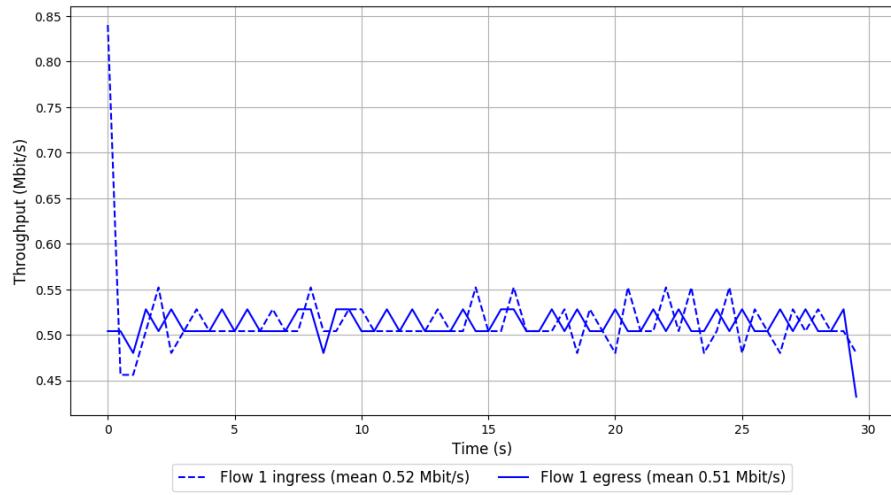


Run 7: Statistics of KohoCC

```
Start at: Sun, 16 Jul 2017 23:52:19 +0000
End at: Sun, 16 Jul 2017 23:52:49 +0000
Local clock offset: -1.656 ms
Remote clock offset: 3.974 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 108.595 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 108.595 ms
Loss rate: 0.85%
```

## Run 7: Report of KohoCC — Data Link

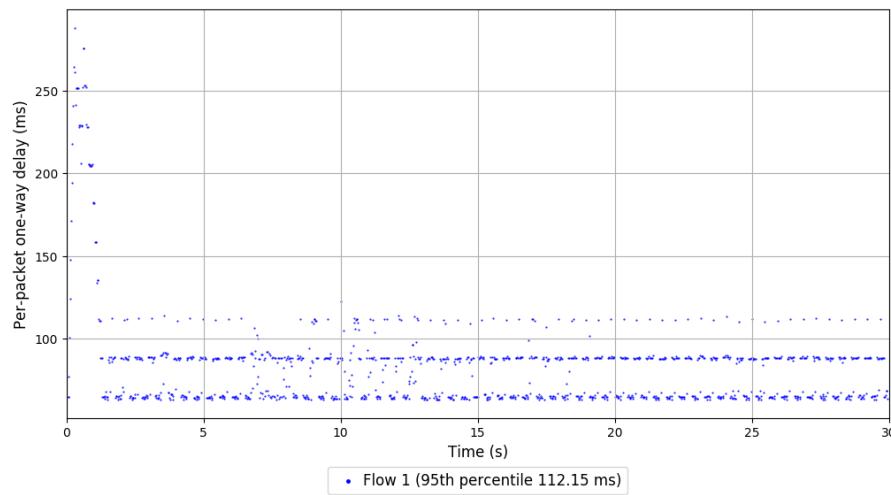
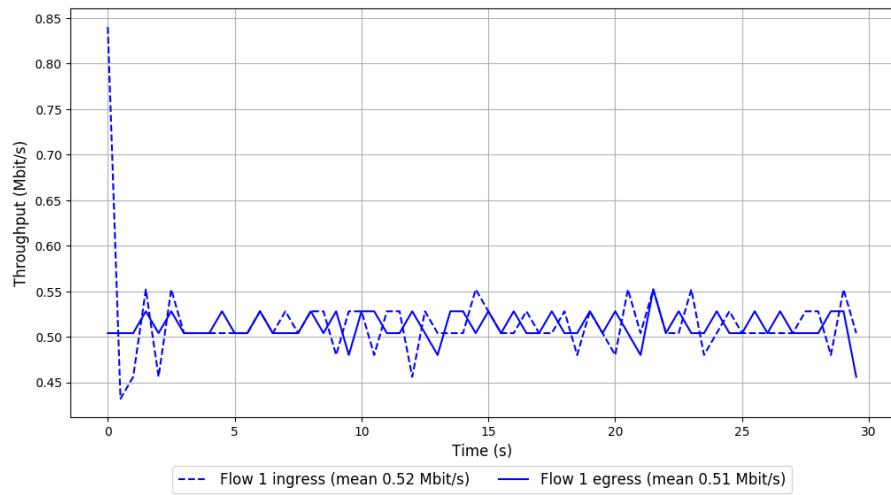


Run 8: Statistics of KohoCC

```
Start at: Mon, 17 Jul 2017 00:09:22 +0000
End at: Mon, 17 Jul 2017 00:09:52 +0000
Local clock offset: 2.208 ms
Remote clock offset: 4.111 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.150 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.150 ms
Loss rate: 0.78%
```

## Run 8: Report of KohoCC — Data Link

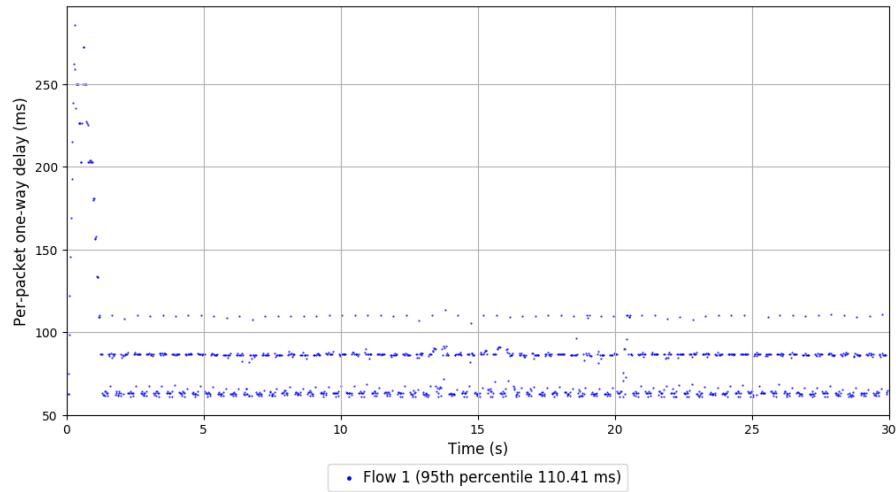
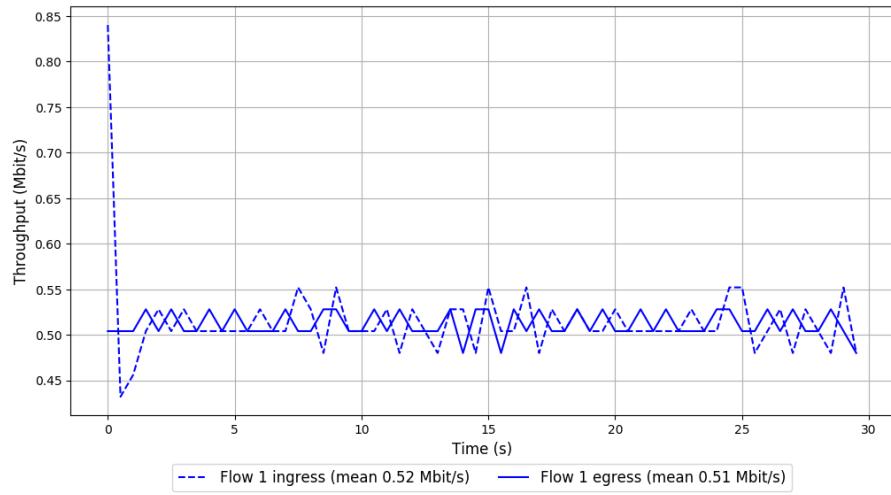


Run 9: Statistics of KohoCC

```
Start at: Mon, 17 Jul 2017 00:26:20 +0000
End at: Mon, 17 Jul 2017 00:26:50 +0000
Local clock offset: 1.344 ms
Remote clock offset: 4.624 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 110.410 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 110.410 ms
Loss rate: 0.62%
```

## Run 9: Report of KohoCC — Data Link

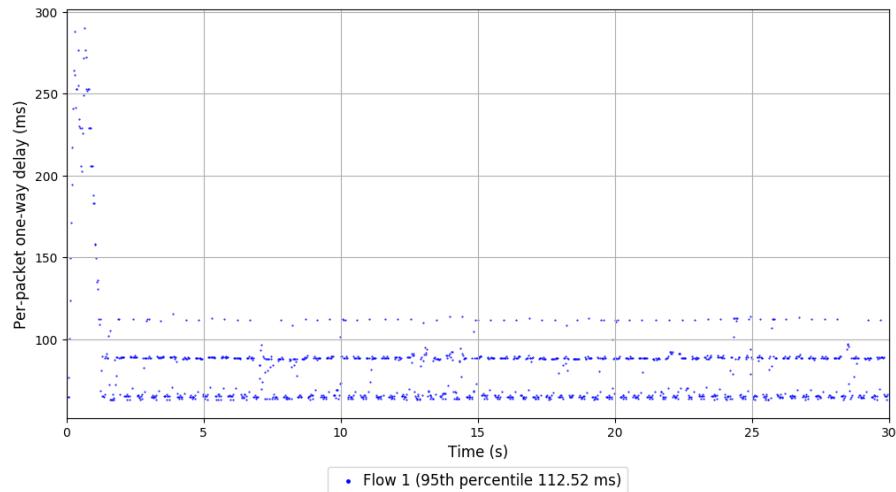
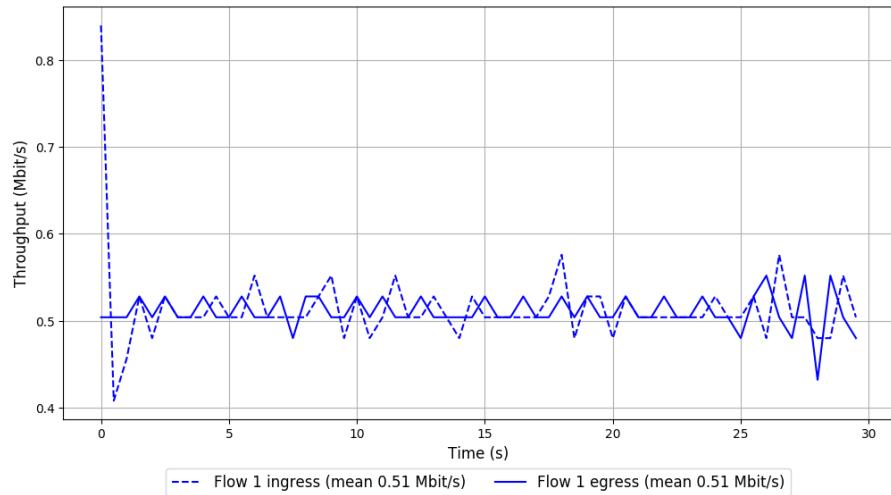


Run 10: Statistics of KohoCC

```
Start at: Mon, 17 Jul 2017 00:43:25 +0000
End at: Mon, 17 Jul 2017 00:43:55 +0000
Local clock offset: 1.597 ms
Remote clock offset: 2.511 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.519 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 112.519 ms
Loss rate: 0.70%
```

## Run 10: Report of KohoCC — Data Link

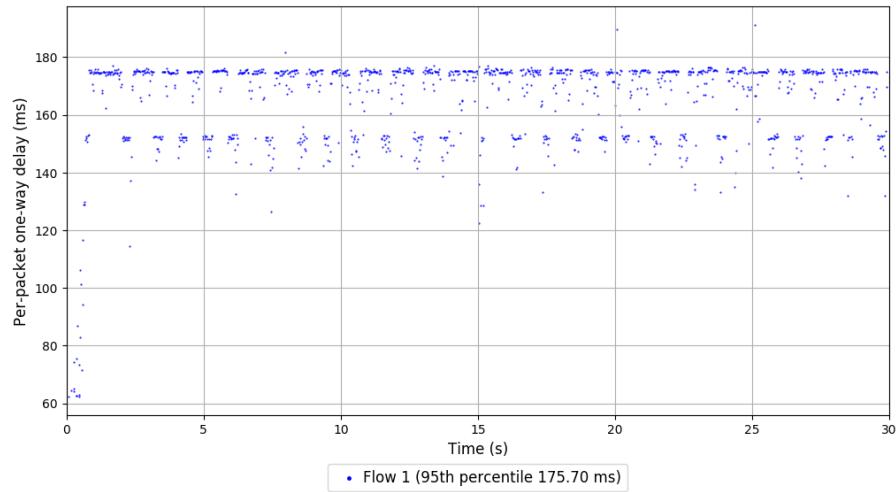
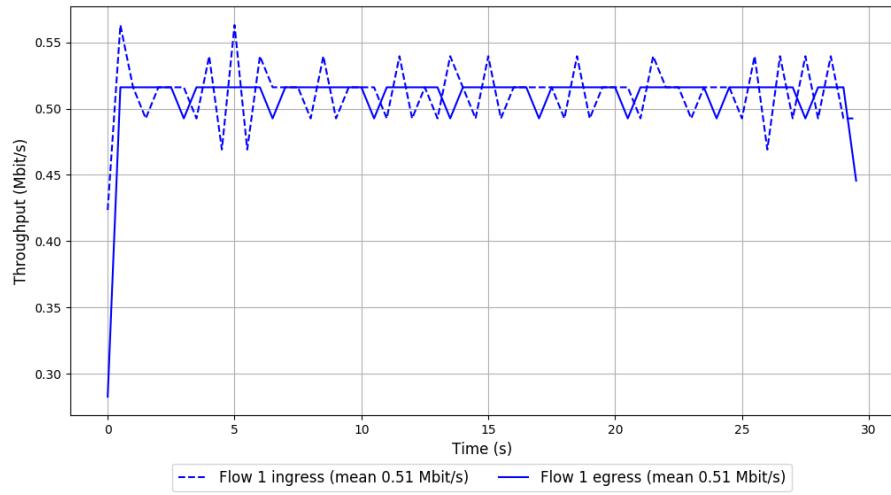


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sun, 16 Jul 2017 21:58:22 +0000
End at: Sun, 16 Jul 2017 21:58:52 +0000
Local clock offset: -1.485 ms
Remote clock offset: 3.691 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.703 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.703 ms
Loss rate: 0.69%
```

### Run 1: Report of LEDBAT — Data Link

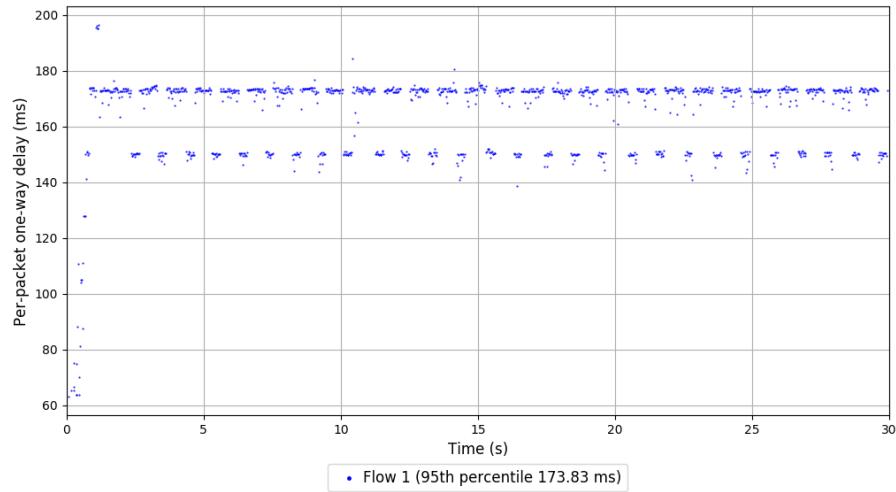
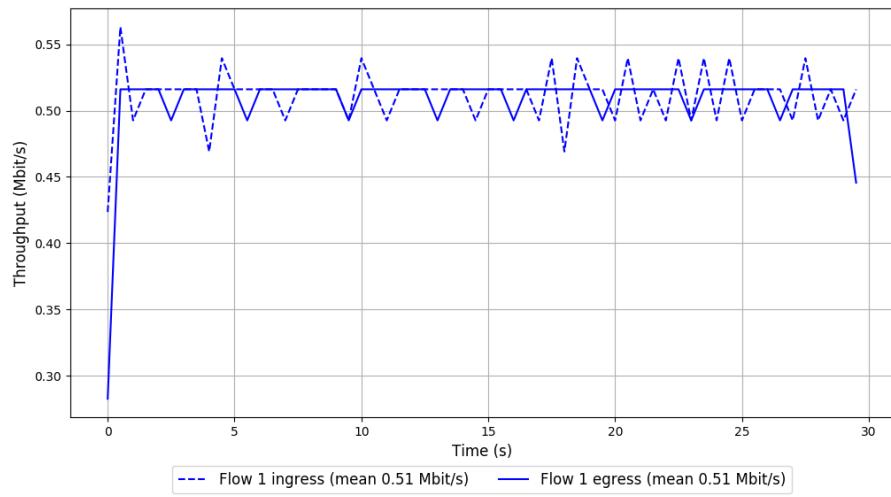


Run 2: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 22:15:21 +0000
End at: Sun, 16 Jul 2017 22:15:51 +0000
Local clock offset: -0.878 ms
Remote clock offset: 3.327 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 173.826 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 173.826 ms
Loss rate: 0.69%
```

## Run 2: Report of LEDBAT — Data Link

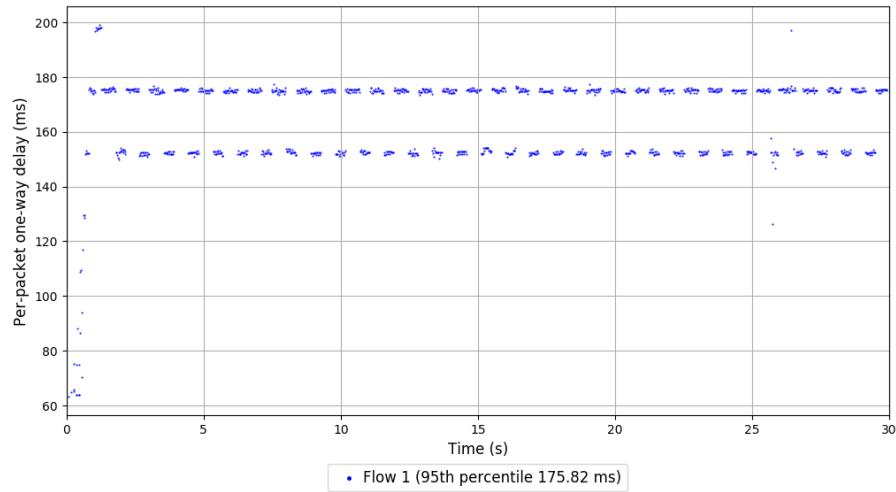
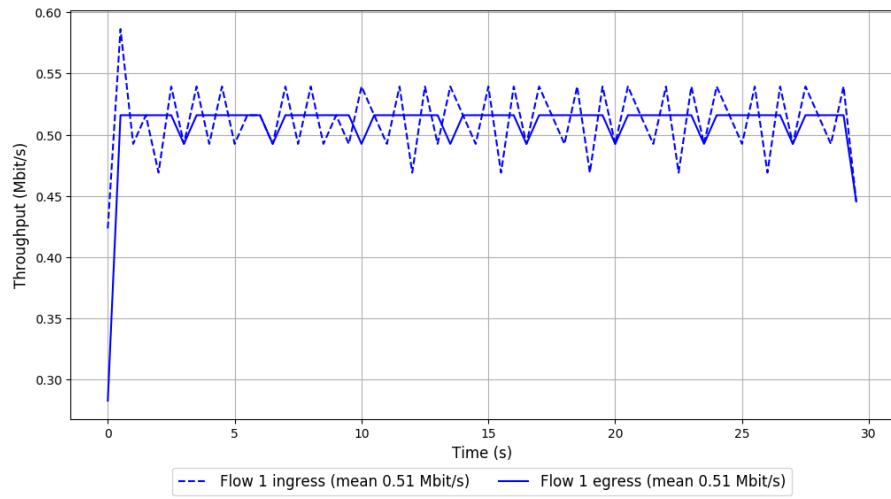


Run 3: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 22:32:37 +0000
End at: Sun, 16 Jul 2017 22:33:07 +0000
Local clock offset: -0.833 ms
Remote clock offset: 3.273 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.825 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.825 ms
Loss rate: 0.61%
```

### Run 3: Report of LEDBAT — Data Link

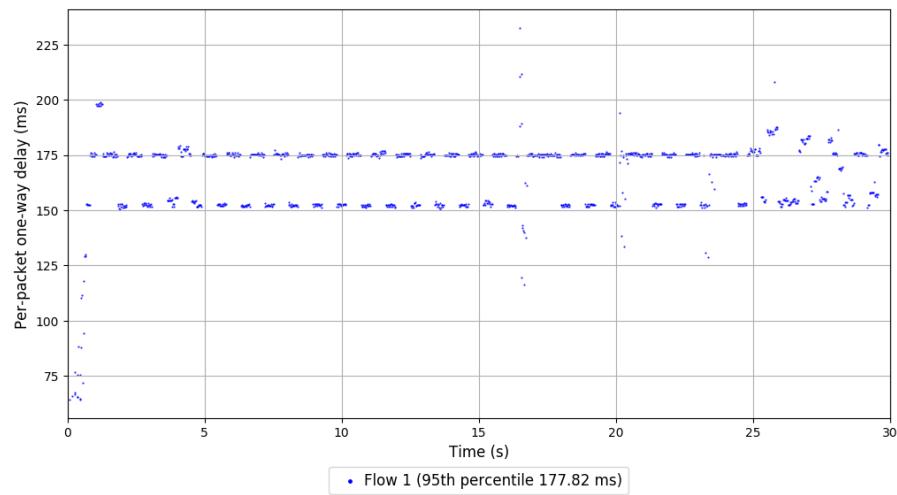
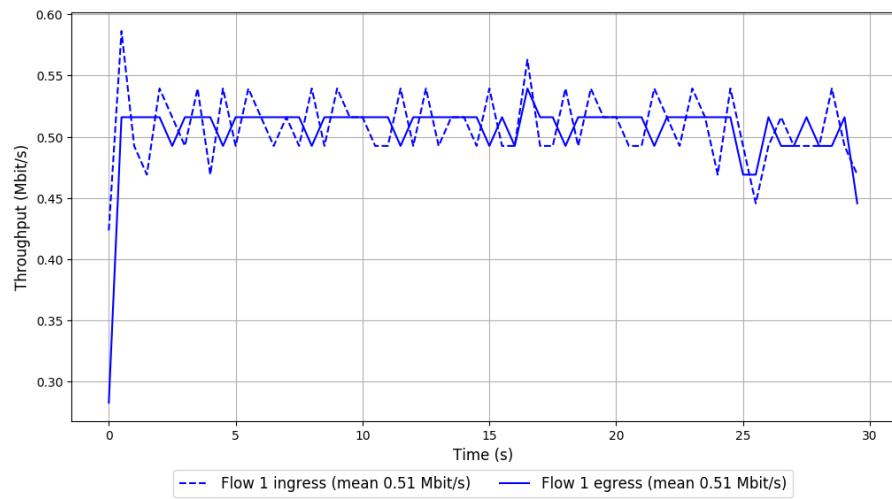


Run 4: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 22:49:36 +0000
End at: Sun, 16 Jul 2017 22:50:06 +0000
Local clock offset: -1.003 ms
Remote clock offset: 3.031 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 177.817 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 177.817 ms
Loss rate: 0.62%
```

## Run 4: Report of LEDBAT — Data Link

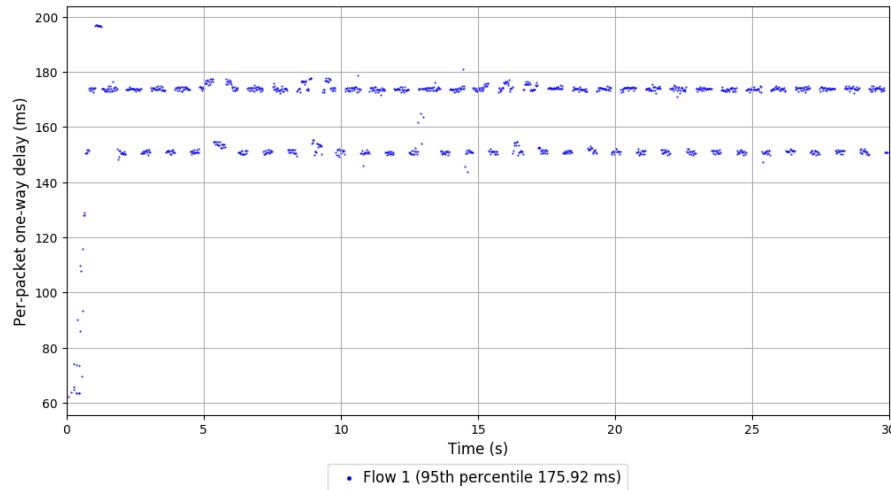
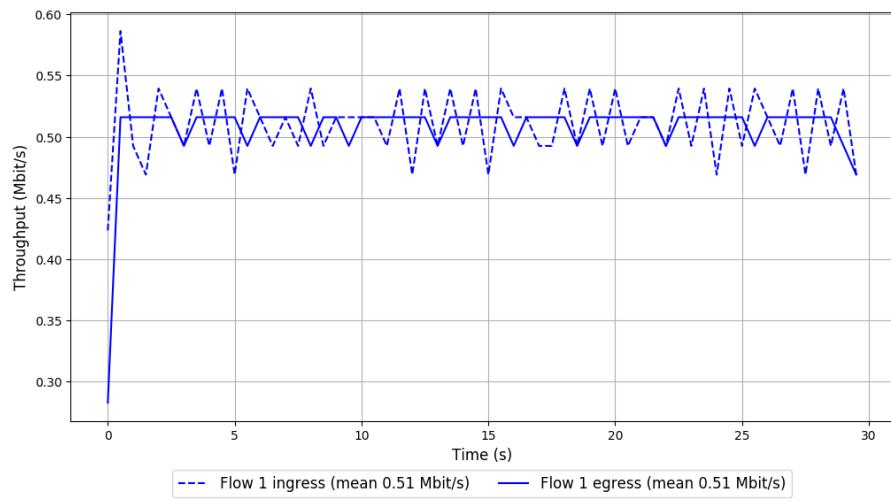


Run 5: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 23:06:44 +0000
End at: Sun, 16 Jul 2017 23:07:14 +0000
Local clock offset: -1.417 ms
Remote clock offset: 4.222 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.918 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.918 ms
Loss rate: 0.61%
```

Run 5: Report of LEDBAT — Data Link

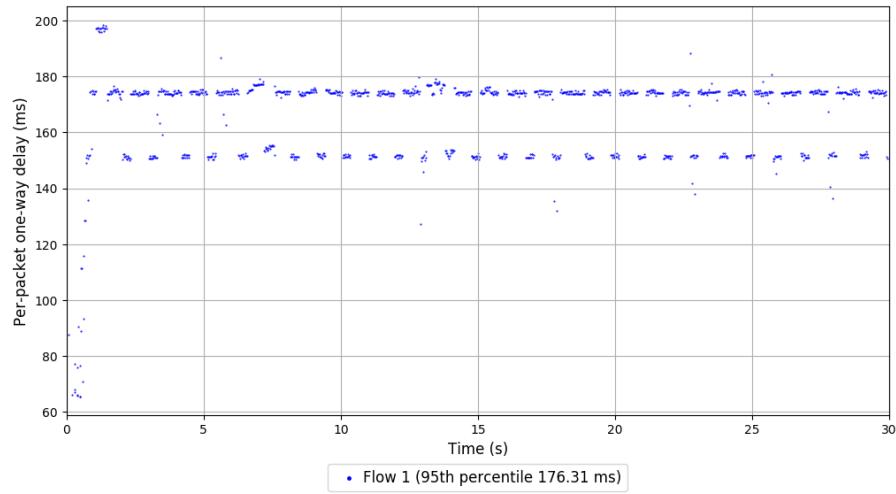
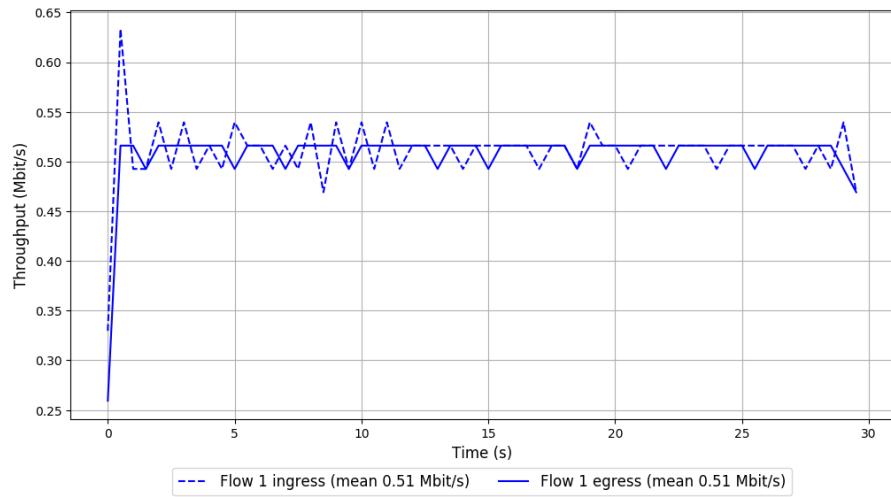


Run 6: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 23:23:48 +0000
End at: Sun, 16 Jul 2017 23:24:18 +0000
Local clock offset: 1.006 ms
Remote clock offset: 3.396 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 176.307 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 176.307 ms
Loss rate: 0.61%
```

## Run 6: Report of LEDBAT — Data Link

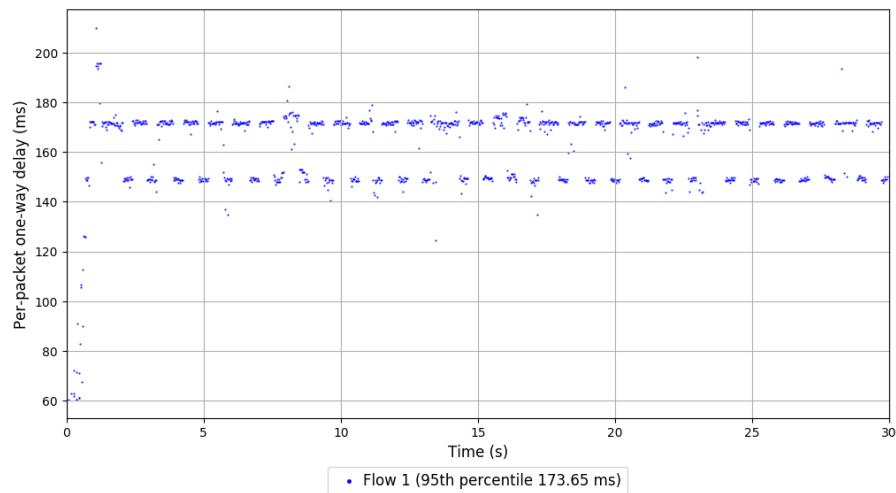
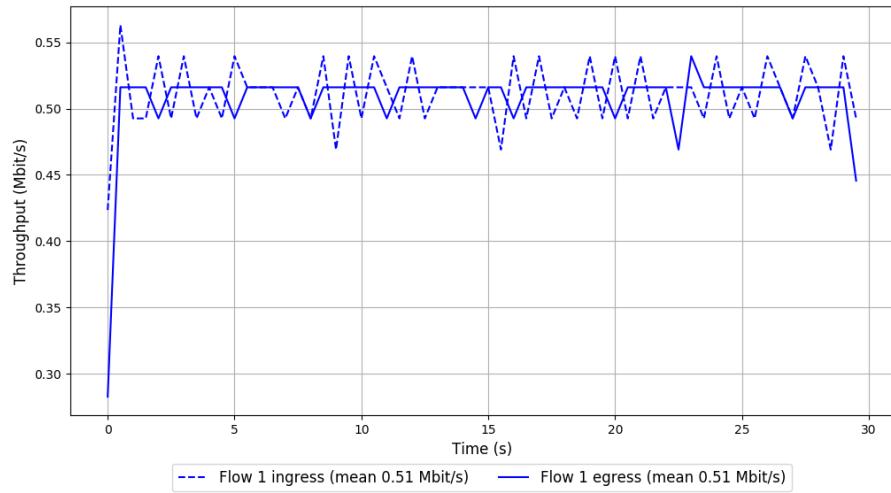


Run 7: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 23:40:52 +0000
End at: Sun, 16 Jul 2017 23:41:22 +0000
Local clock offset: 0.899 ms
Remote clock offset: 5.581 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 173.645 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 173.645 ms
Loss rate: 0.69%
```

### Run 7: Report of LEDBAT — Data Link

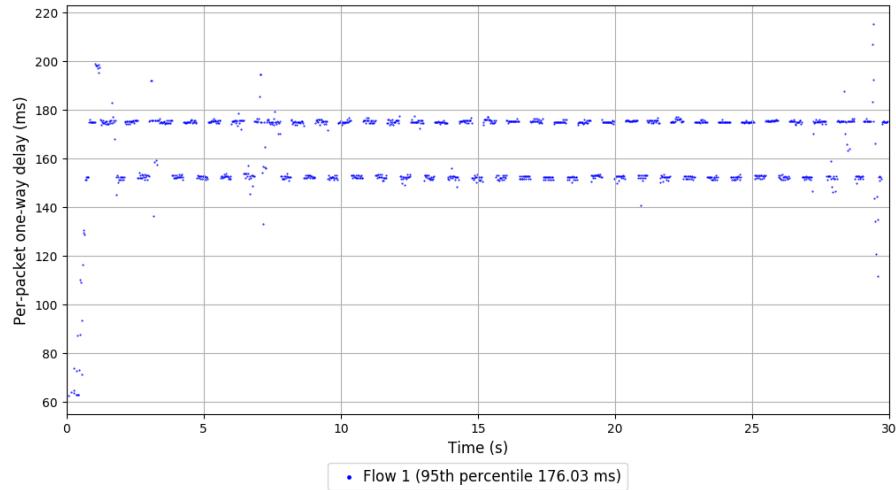
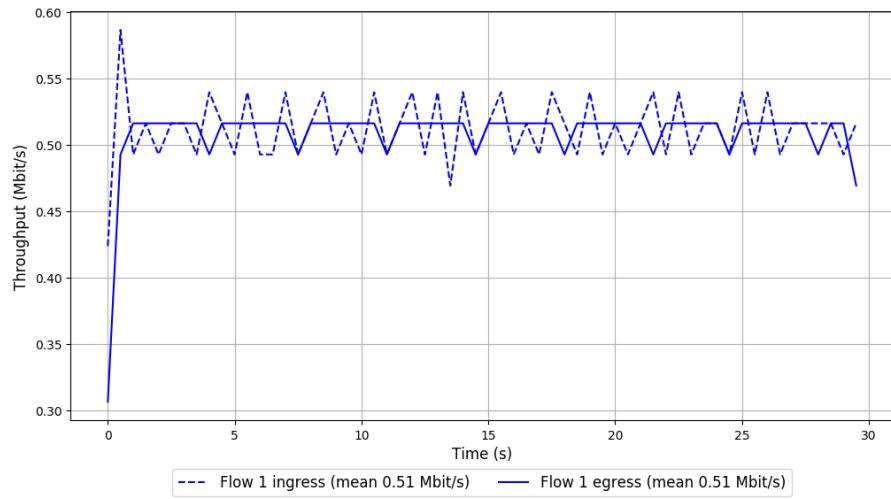


Run 8: Statistics of LEDBAT

```
Start at: Sun, 16 Jul 2017 23:58:27 +0000
End at: Sun, 16 Jul 2017 23:58:57 +0000
Local clock offset: 2.456 ms
Remote clock offset: 4.728 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 176.032 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 176.032 ms
Loss rate: 0.69%
```

Run 8: Report of LEDBAT — Data Link

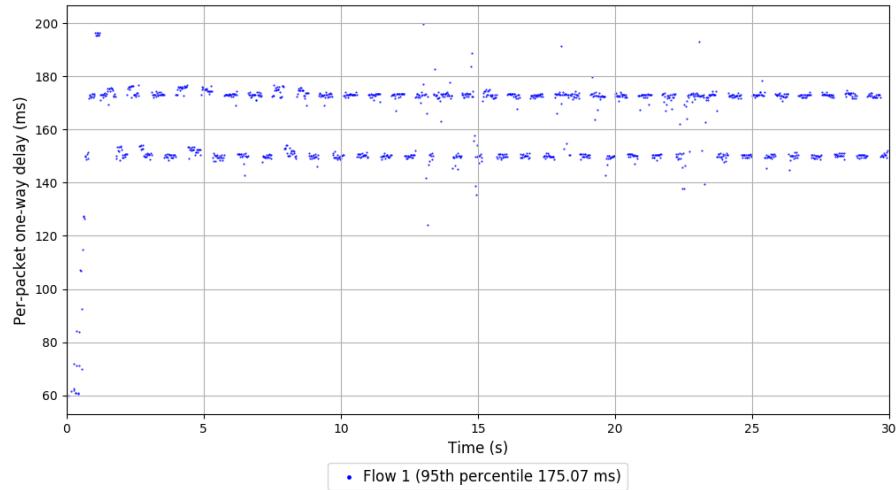
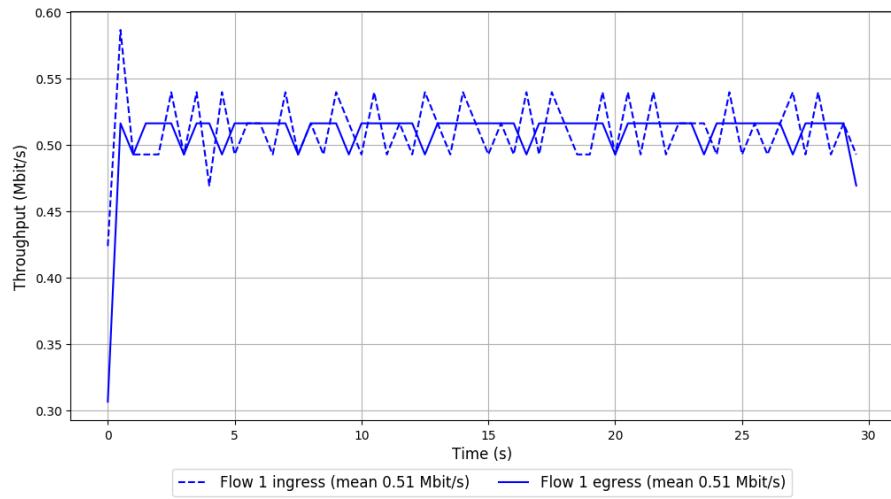


Run 9: Statistics of LEDBAT

```
Start at: Mon, 17 Jul 2017 00:15:24 +0000
End at: Mon, 17 Jul 2017 00:15:54 +0000
Local clock offset: -0.345 ms
Remote clock offset: 4.178 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.066 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 175.066 ms
Loss rate: 0.61%
```

Run 9: Report of LEDBAT — Data Link

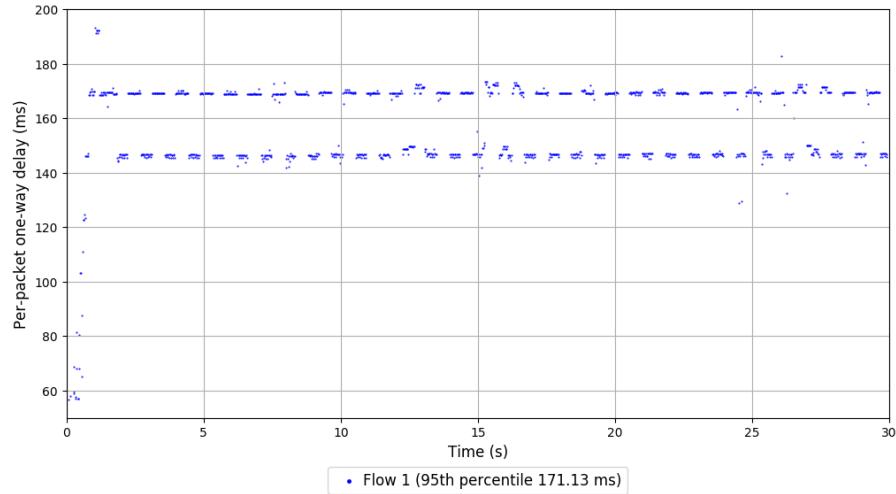
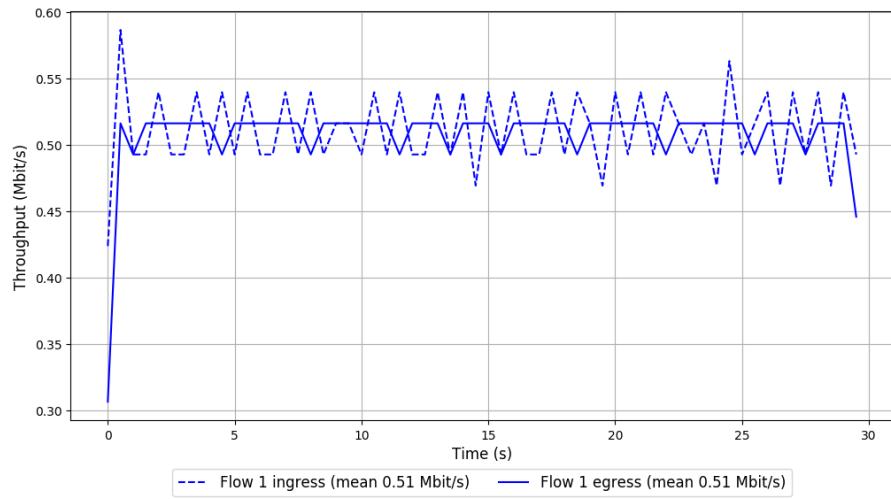


Run 10: Statistics of LEDBAT

```
Start at: Mon, 17 Jul 2017 00:32:23 +0000
End at: Mon, 17 Jul 2017 00:32:53 +0000
Local clock offset: -4.644 ms
Remote clock offset: 3.544 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 171.126 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 171.126 ms
Loss rate: 0.69%
```

### Run 10: Report of LEDBAT — Data Link

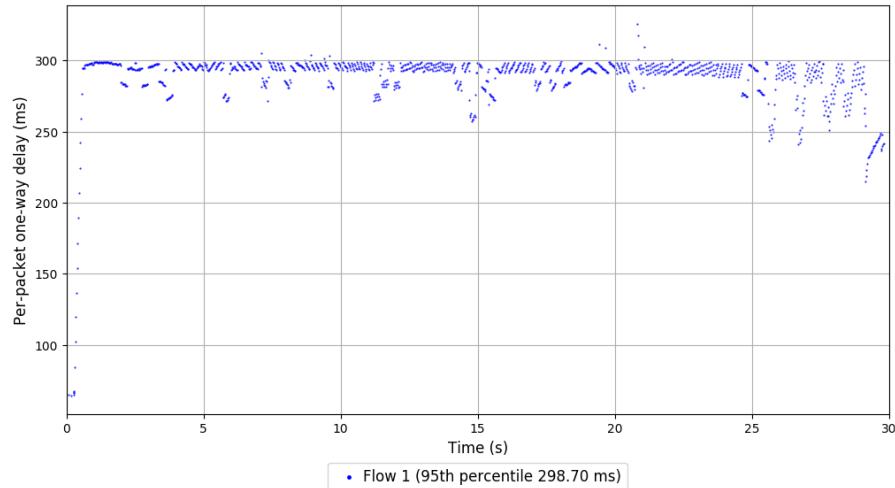
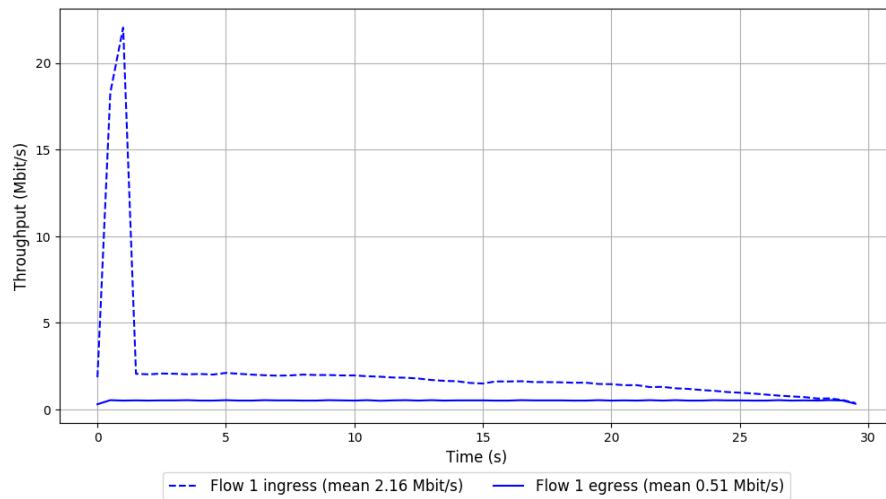


Run 1: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 22:06:52 +0000
End at: Sun, 16 Jul 2017 22:07:22 +0000
Local clock offset: 1.754 ms
Remote clock offset: 3.586 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.704 ms
Loss rate: 76.46%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.704 ms
Loss rate: 76.46%
```

Run 1: Report of PCC — Data Link

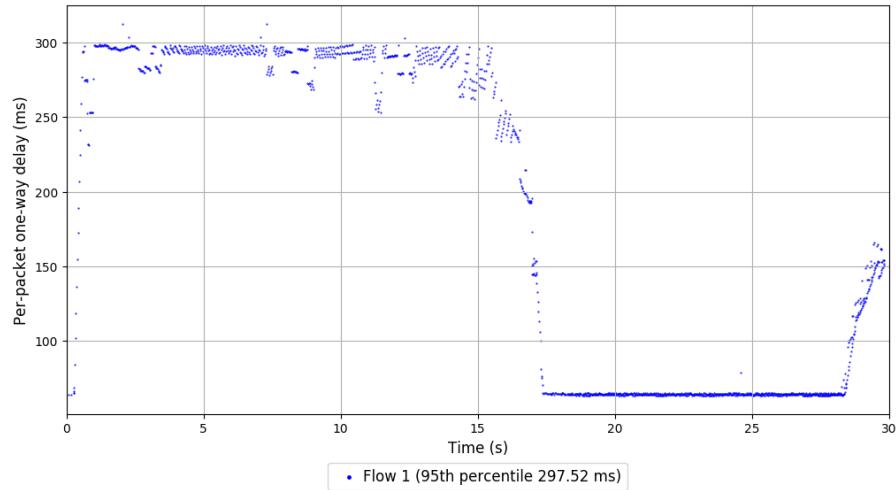
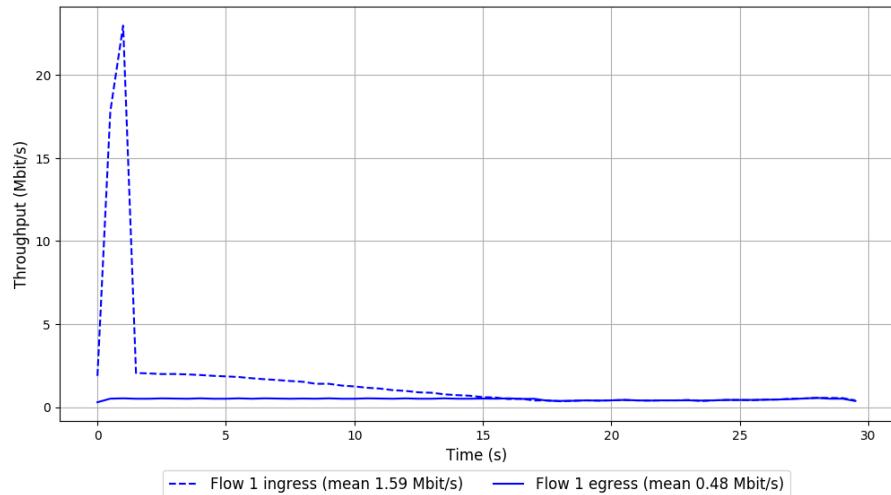


Run 2: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 22:24:05 +0000
End at: Sun, 16 Jul 2017 22:24:35 +0000
Local clock offset: 0.313 ms
Remote clock offset: 3.79 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 297.522 ms
Loss rate: 70.17%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 297.522 ms
Loss rate: 70.17%
```

## Run 2: Report of PCC — Data Link

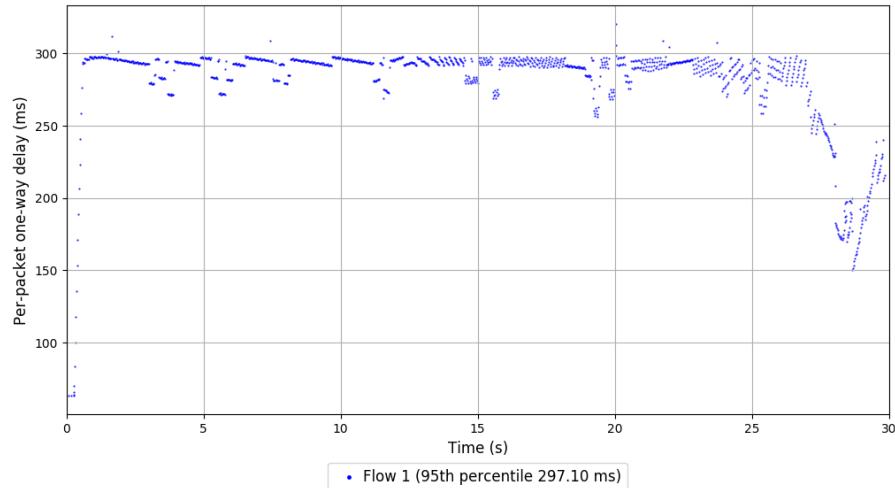
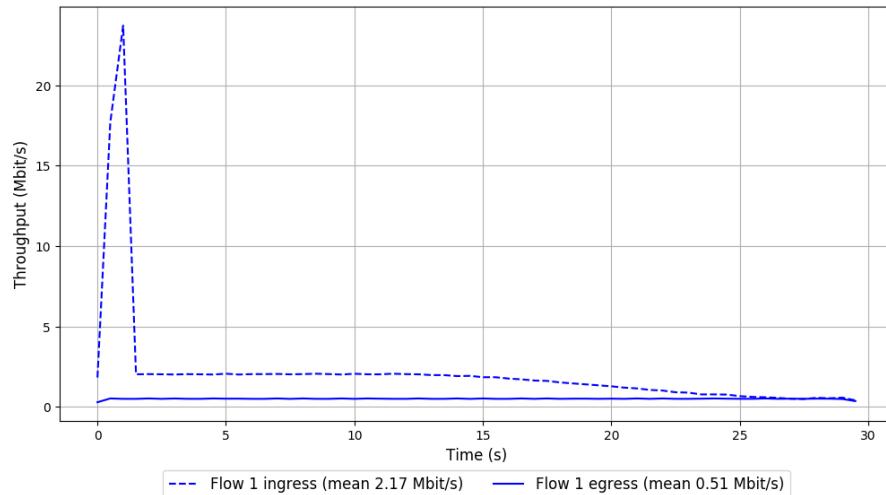


Run 3: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 22:41:04 +0000
End at: Sun, 16 Jul 2017 22:41:34 +0000
Local clock offset: 0.273 ms
Remote clock offset: 4.085 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.103 ms
Loss rate: 76.52%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.103 ms
Loss rate: 76.52%
```

### Run 3: Report of PCC — Data Link

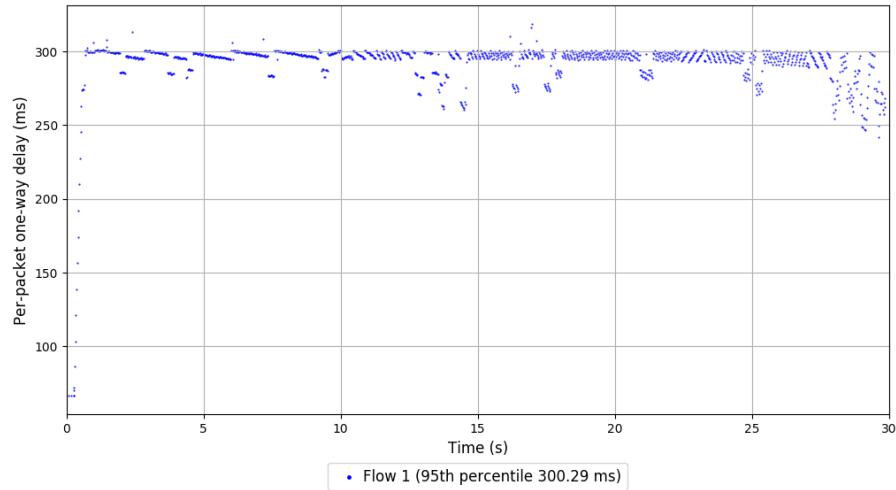
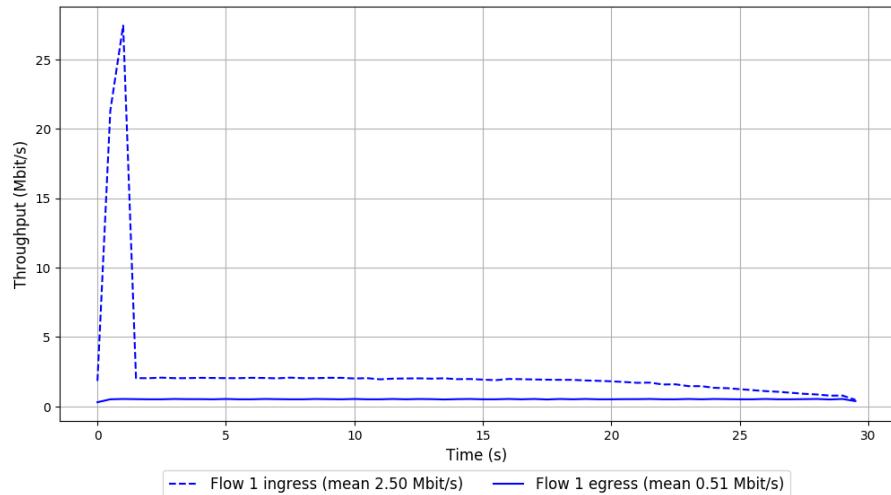


Run 4: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 22:58:13 +0000
End at: Sun, 16 Jul 2017 22:58:43 +0000
Local clock offset: 2.52 ms
Remote clock offset: 3.519 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 300.289 ms
Loss rate: 79.60%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 300.289 ms
Loss rate: 79.60%
```

## Run 4: Report of PCC — Data Link

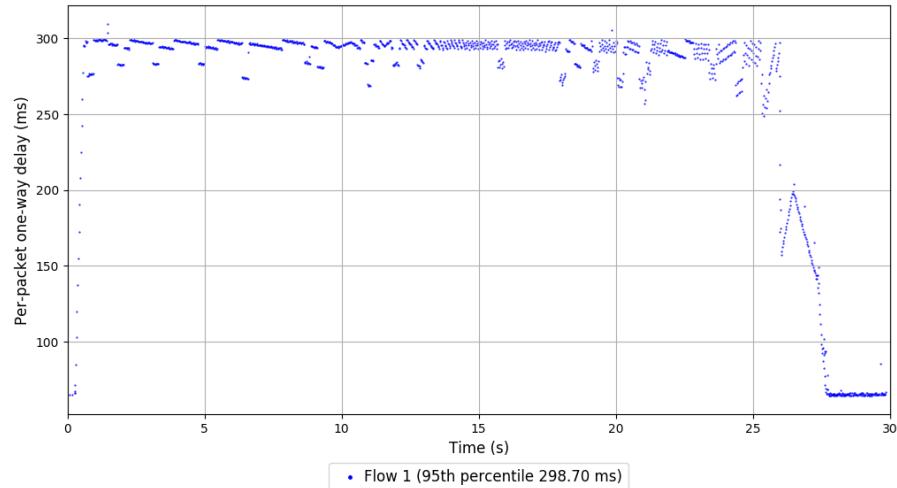
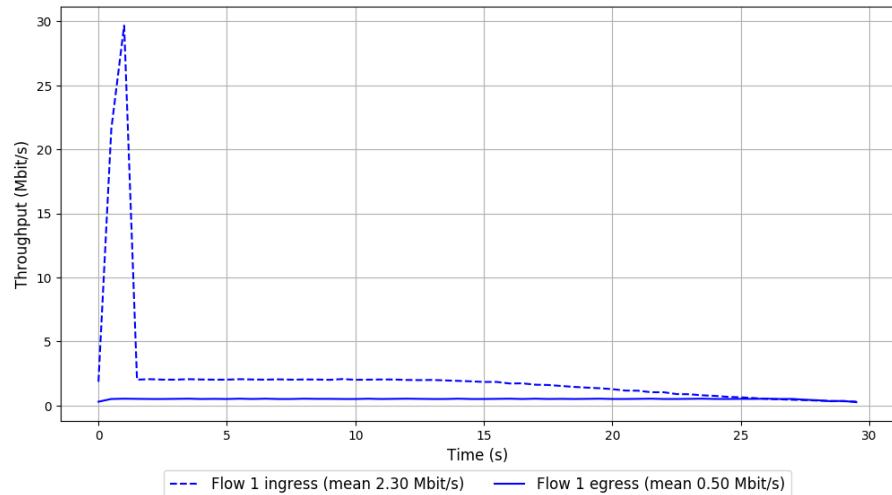


Run 5: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 23:15:20 +0000
End at: Sun, 16 Jul 2017 23:15:50 +0000
Local clock offset: 0.086 ms
Remote clock offset: 3.722 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 298.702 ms
Loss rate: 78.33%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 298.702 ms
Loss rate: 78.33%
```

### Run 5: Report of PCC — Data Link

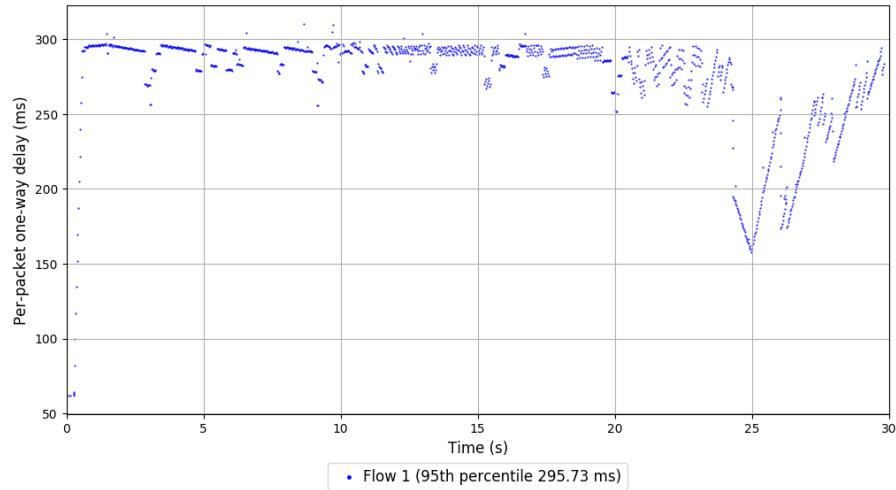
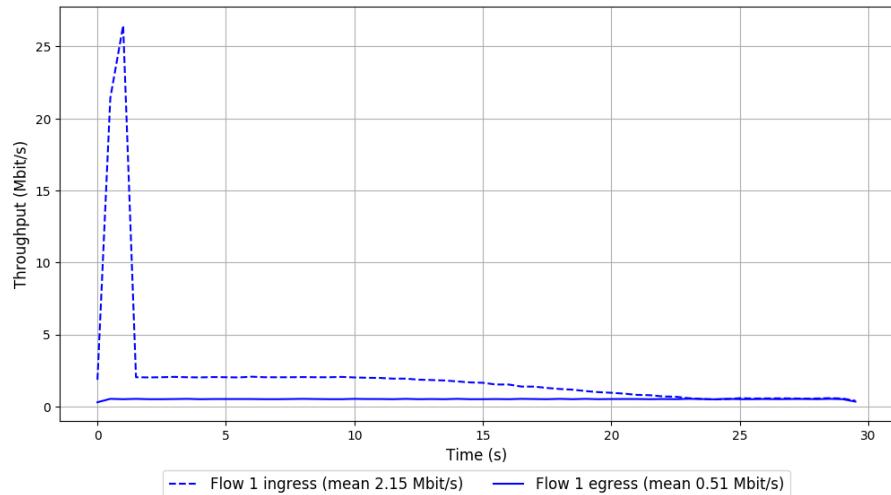


Run 6: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 23:32:21 +0000
End at: Sun, 16 Jul 2017 23:32:51 +0000
Local clock offset: 0.59 ms
Remote clock offset: 4.714 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.727 ms
Loss rate: 76.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.727 ms
Loss rate: 76.35%
```

## Run 6: Report of PCC — Data Link

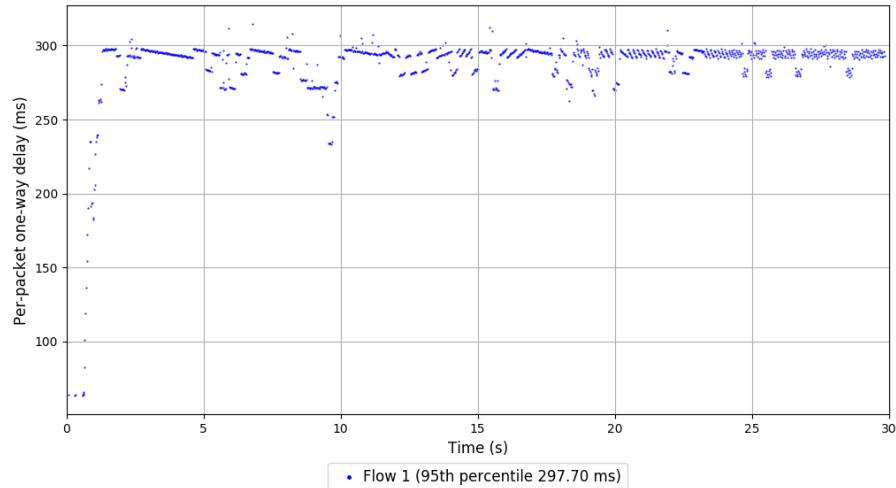
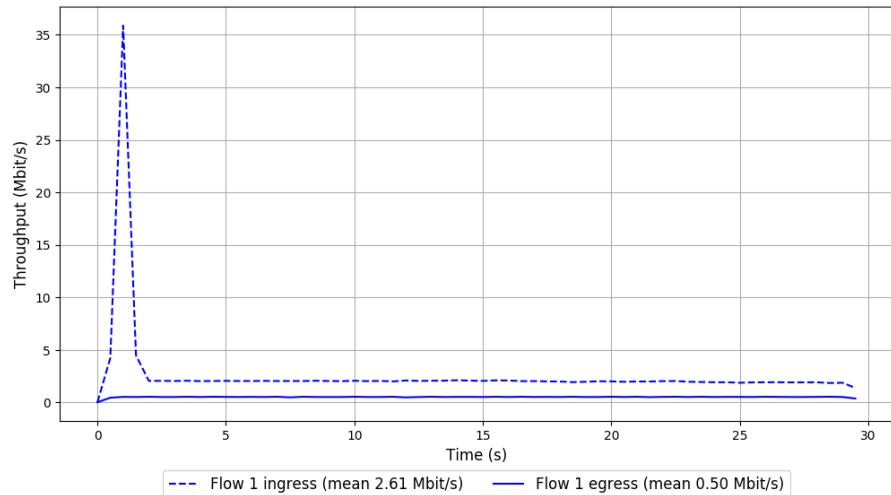


Run 7: Statistics of PCC

```
Start at: Sun, 16 Jul 2017 23:49:46 +0000
End at: Sun, 16 Jul 2017 23:50:16 +0000
Local clock offset: 1.386 ms
Remote clock offset: 3.326 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 297.696 ms
Loss rate: 80.75%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 297.696 ms
Loss rate: 80.75%
```

### Run 7: Report of PCC — Data Link

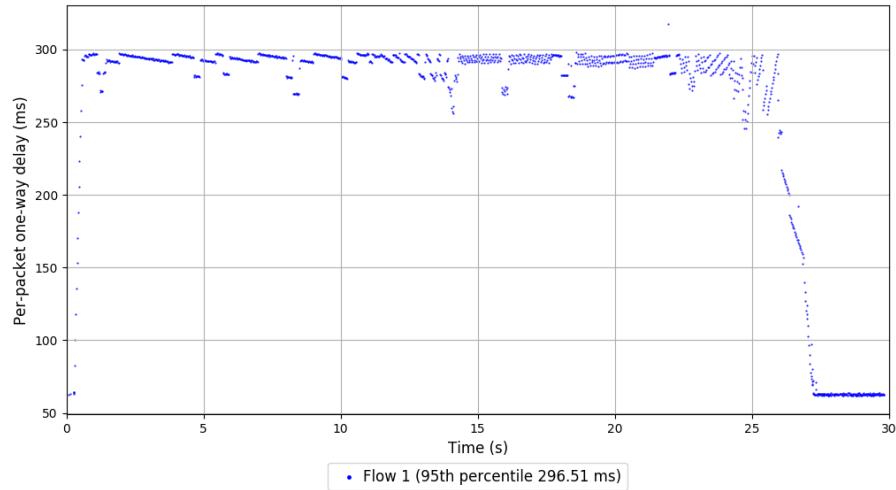
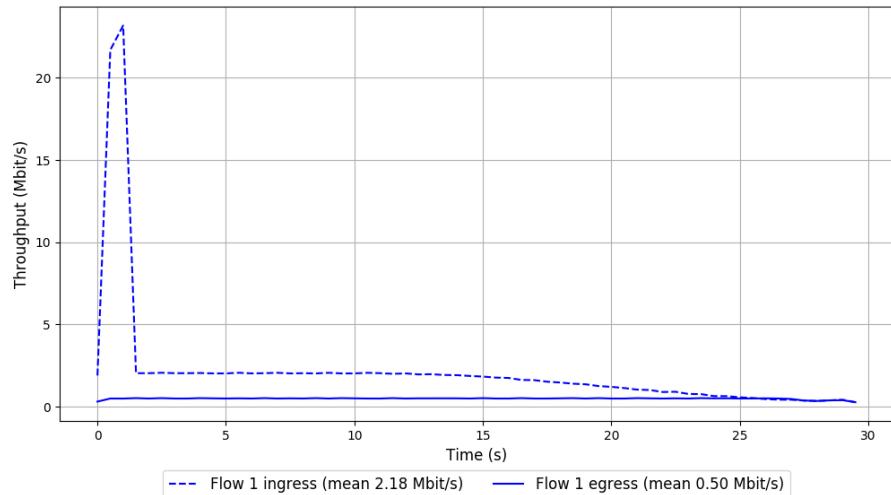


Run 8: Statistics of PCC

```
Start at: Mon, 17 Jul 2017 00:06:56 +0000
End at: Mon, 17 Jul 2017 00:07:26 +0000
Local clock offset: 2.02 ms
Remote clock offset: 4.606 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 296.510 ms
Loss rate: 77.14%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 296.510 ms
Loss rate: 77.14%
```

### Run 8: Report of PCC — Data Link

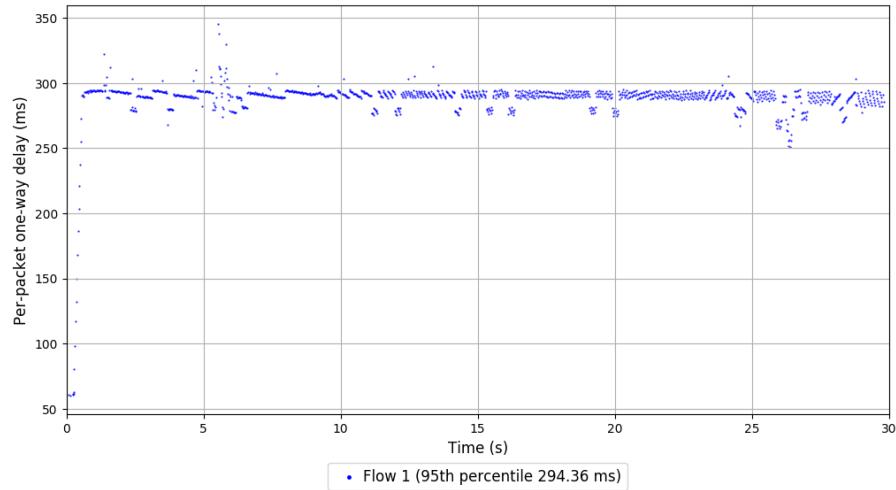
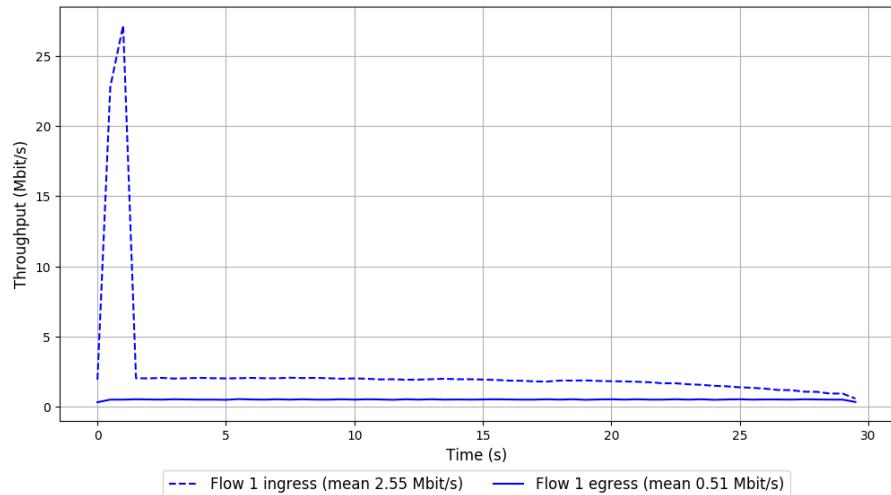


Run 9: Statistics of PCC

```
Start at: Mon, 17 Jul 2017 00:23:53 +0000
End at: Mon, 17 Jul 2017 00:24:23 +0000
Local clock offset: -0.492 ms
Remote clock offset: 4.343 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.364 ms
Loss rate: 80.01%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.364 ms
Loss rate: 80.01%
```

## Run 9: Report of PCC — Data Link

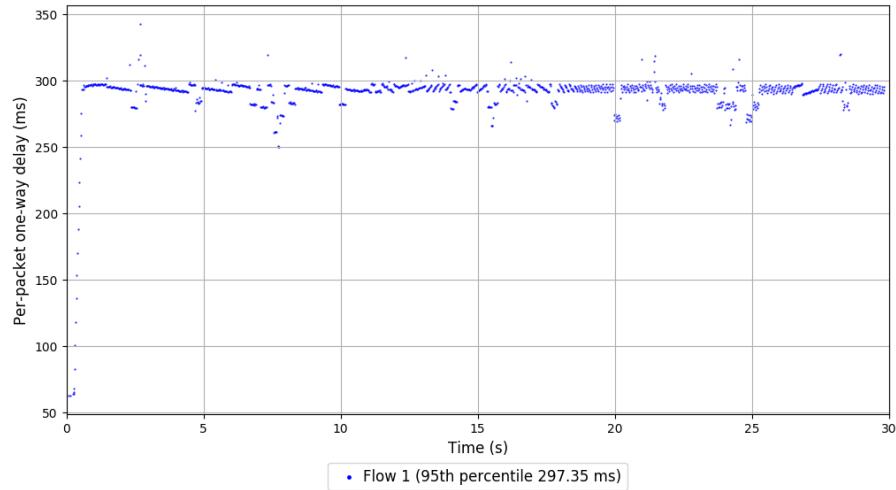
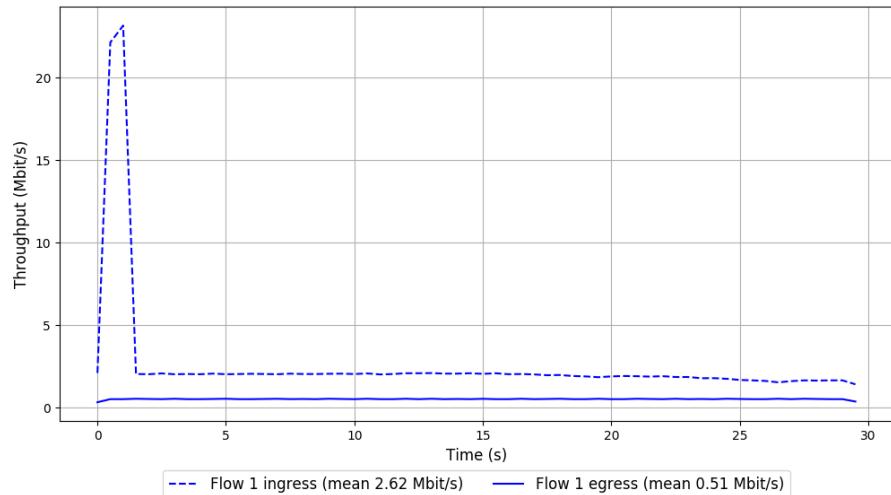


Run 10: Statistics of PCC

```
Start at: Mon, 17 Jul 2017 00:40:53 +0000
End at: Mon, 17 Jul 2017 00:41:23 +0000
Local clock offset: 1.332 ms
Remote clock offset: 3.071 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.352 ms
Loss rate: 80.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.352 ms
Loss rate: 80.58%
```

Run 10: Report of PCC — Data Link

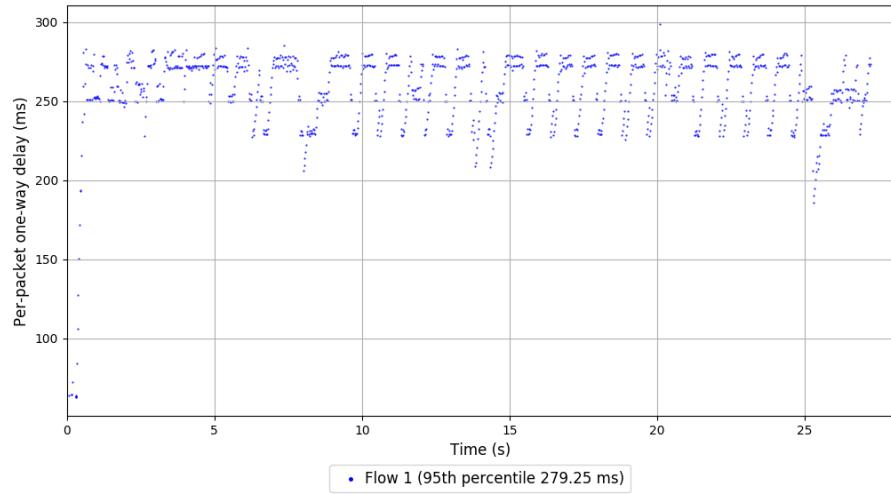
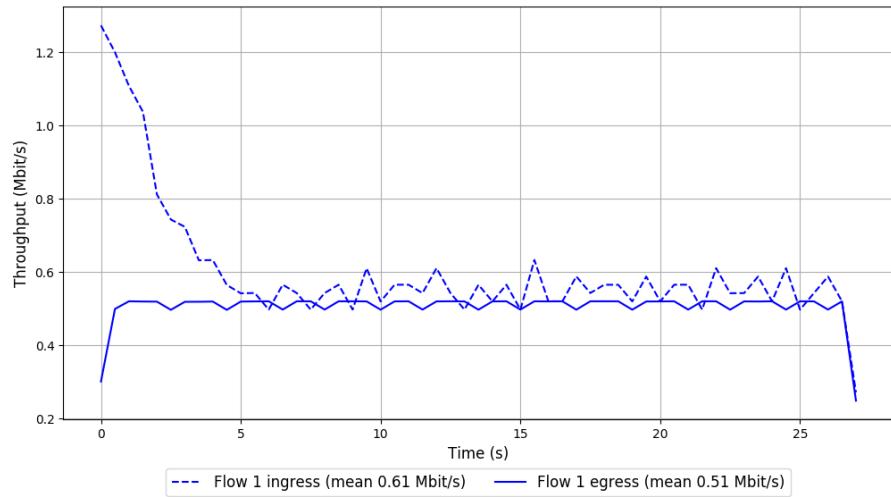


Run 1: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 22:08:06 +0000
End at: Sun, 16 Jul 2017 22:08:36 +0000
Local clock offset: -1.139 ms
Remote clock offset: 3.226 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 279.245 ms
Loss rate: 16.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 279.245 ms
Loss rate: 16.23%
```

Run 1: Report of QUIC Cubic — Data Link

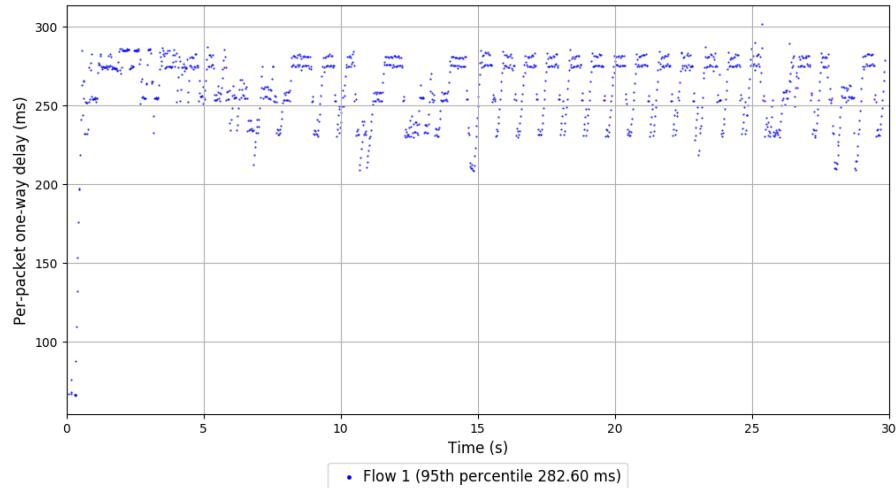
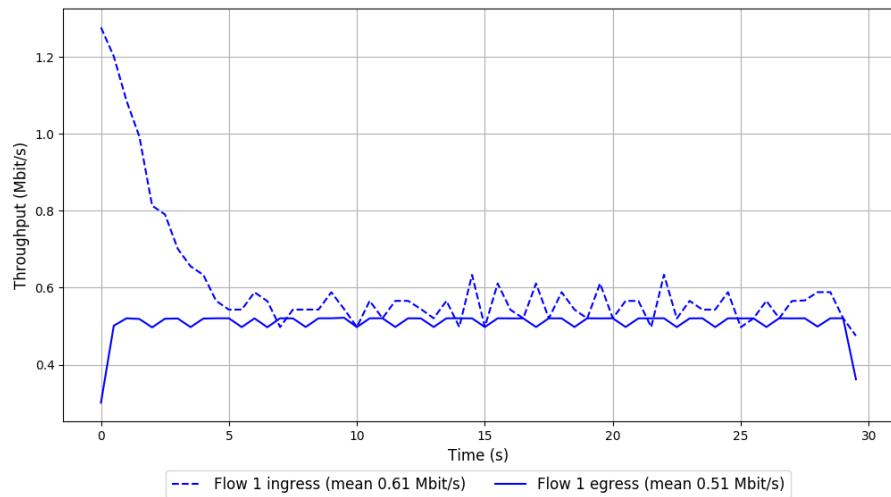


Run 2: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 22:25:19 +0000
End at: Sun, 16 Jul 2017 22:25:49 +0000
Local clock offset: 0.963 ms
Remote clock offset: 2.955 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.601 ms
Loss rate: 15.87%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.601 ms
Loss rate: 15.87%
```

Run 2: Report of QUIC Cubic — Data Link

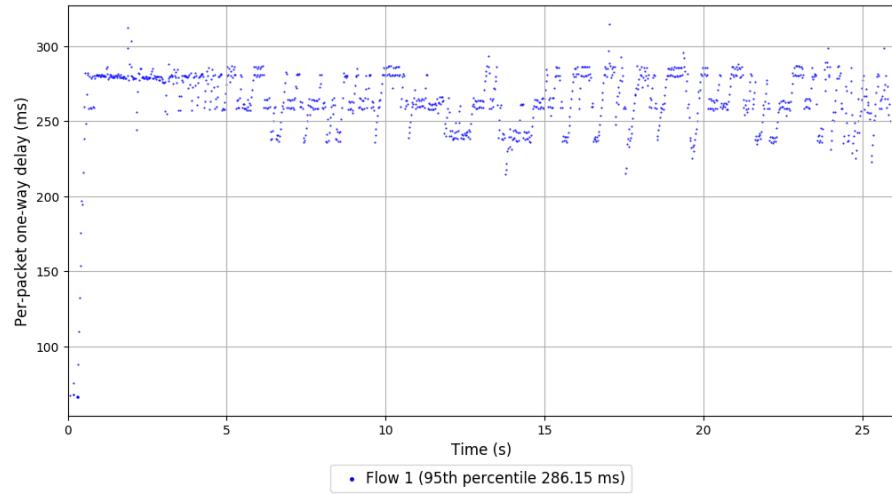
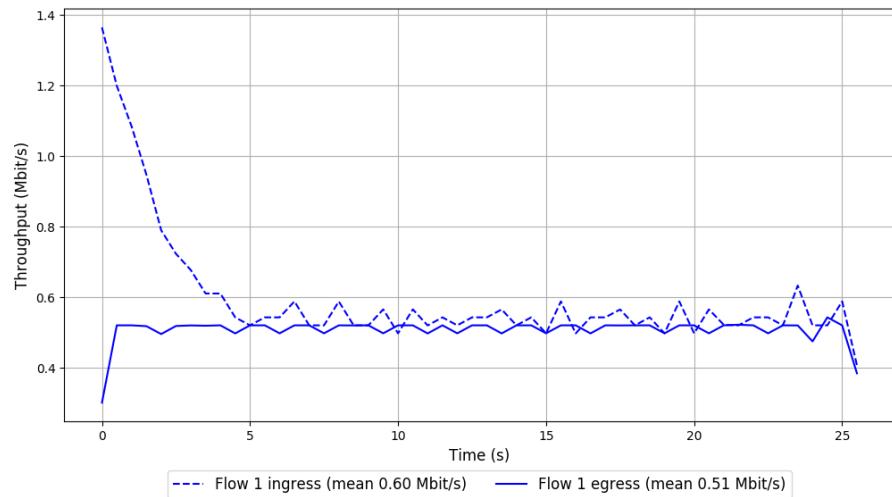


Run 3: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 22:42:18 +0000
End at: Sun, 16 Jul 2017 22:42:48 +0000
Local clock offset: 1.909 ms
Remote clock offset: 2.817 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 286.155 ms
Loss rate: 15.20%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 286.155 ms
Loss rate: 15.20%
```

Run 3: Report of QUIC Cubic — Data Link

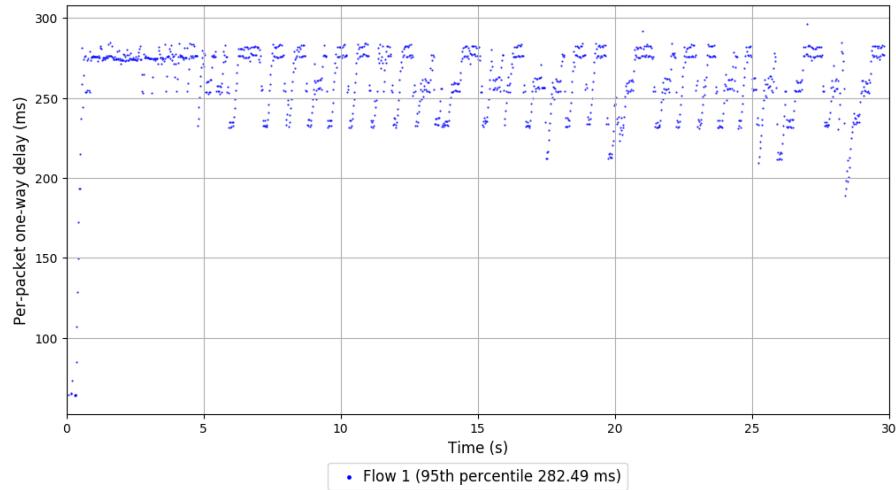
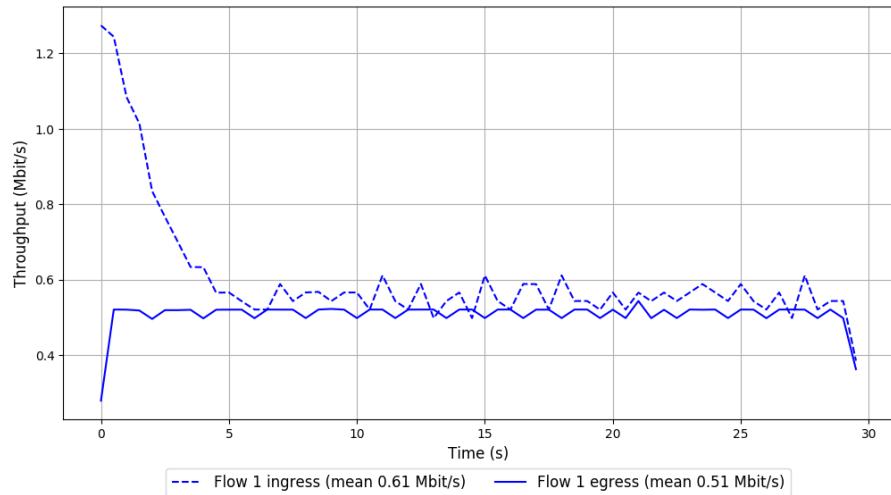


Run 4: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 22:59:28 +0000
End at: Sun, 16 Jul 2017 22:59:58 +0000
Local clock offset: 0.953 ms
Remote clock offset: 4.593 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.490 ms
Loss rate: 15.93%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.490 ms
Loss rate: 15.93%
```

Run 4: Report of QUIC Cubic — Data Link

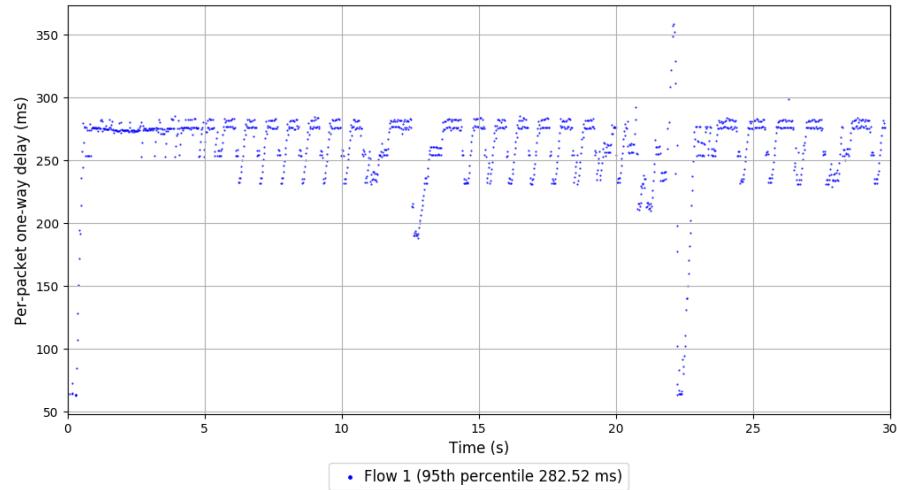
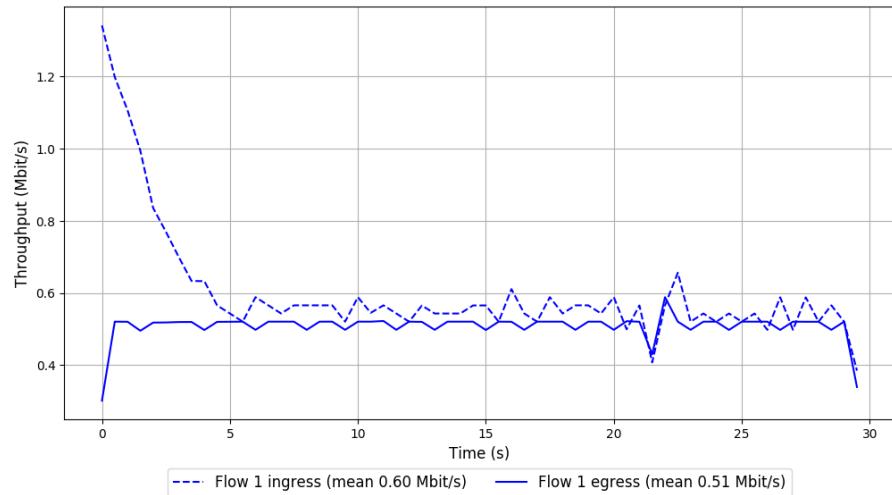


Run 5: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 23:16:33 +0000
End at: Sun, 16 Jul 2017 23:17:03 +0000
Local clock offset: -1.011 ms
Remote clock offset: 3.119 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.518 ms
Loss rate: 15.51%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.518 ms
Loss rate: 15.51%
```

Run 5: Report of QUIC Cubic — Data Link

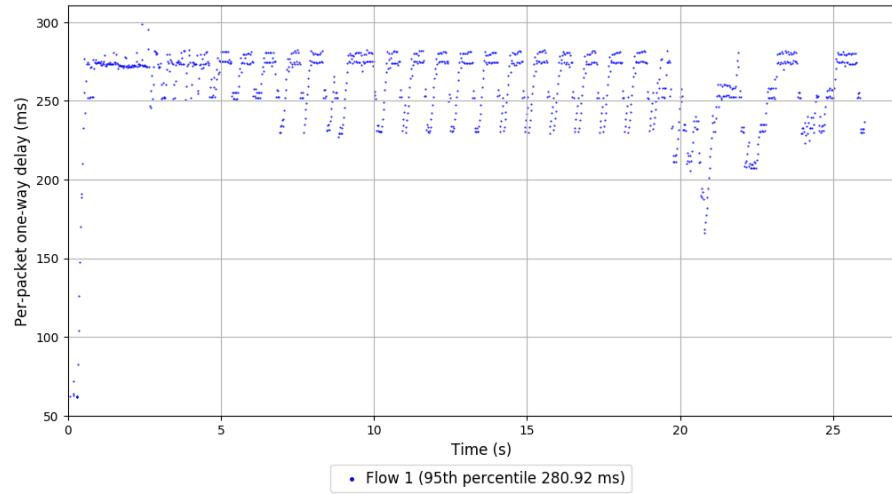
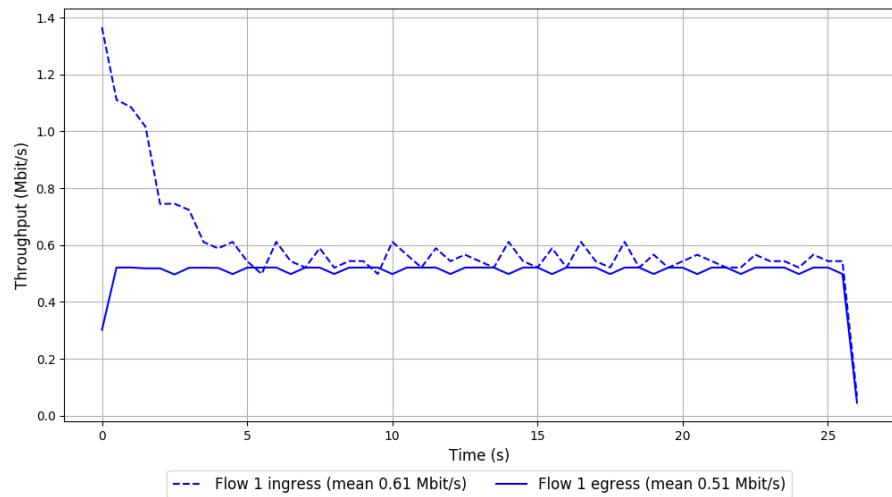


Run 6: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 23:33:35 +0000
End at: Sun, 16 Jul 2017 23:34:05 +0000
Local clock offset: 0.884 ms
Remote clock offset: 3.985 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 280.917 ms
Loss rate: 16.27%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 280.917 ms
Loss rate: 16.27%
```

## Run 6: Report of QUIC Cubic — Data Link

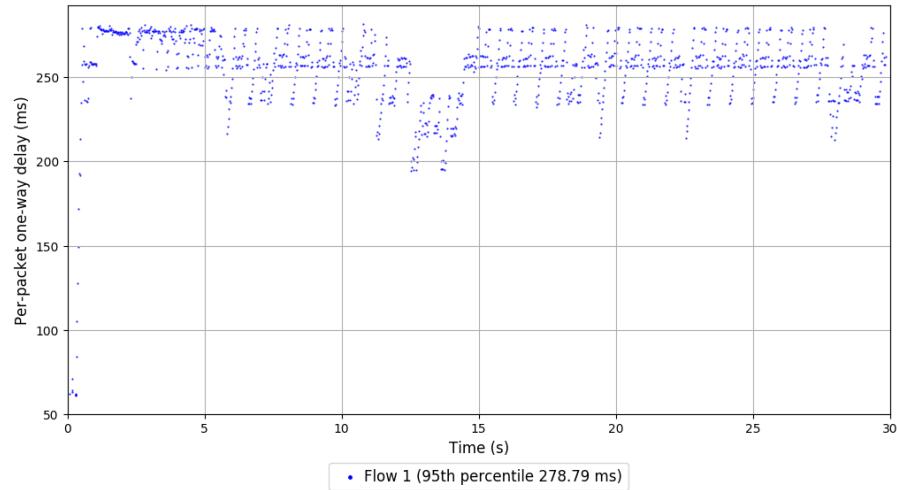
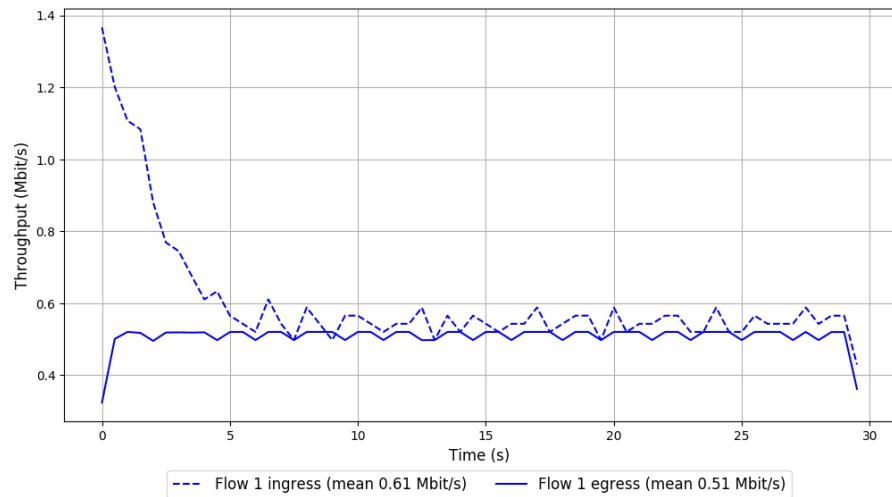


Run 7: Statistics of QUIC Cubic

```
Start at: Sun, 16 Jul 2017 23:51:06 +0000
End at: Sun, 16 Jul 2017 23:51:36 +0000
Local clock offset: 1.279 ms
Remote clock offset: 4.472 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 278.794 ms
Loss rate: 16.14%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 278.794 ms
Loss rate: 16.14%
```

### Run 7: Report of QUIC Cubic — Data Link

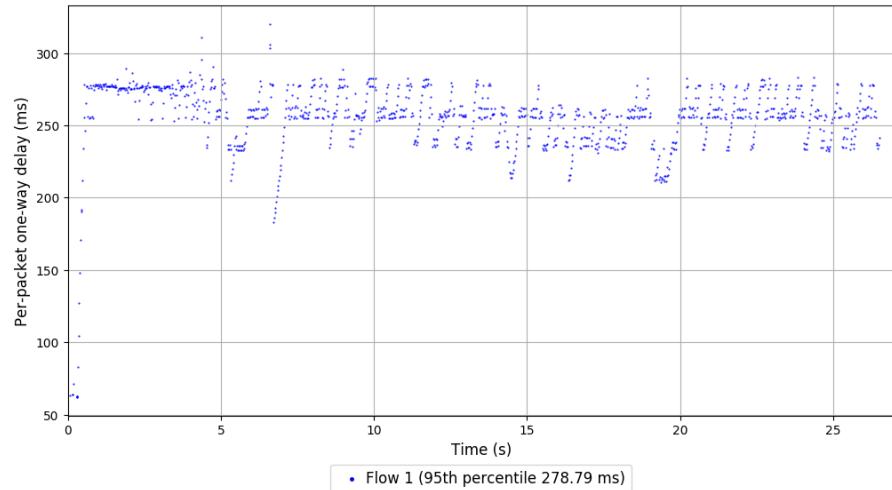
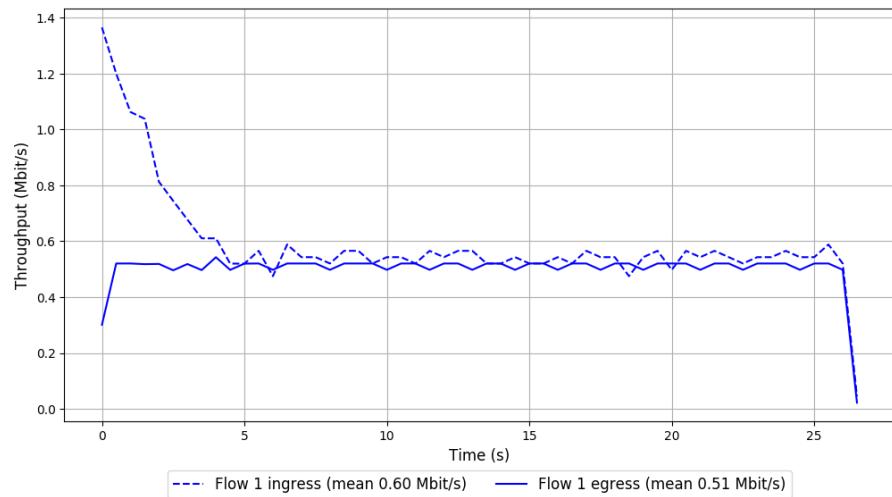


Run 8: Statistics of QUIC Cubic

```
Start at: Mon, 17 Jul 2017 00:08:10 +0000
End at: Mon, 17 Jul 2017 00:08:40 +0000
Local clock offset: 1.64 ms
Remote clock offset: 4.042 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 278.793 ms
Loss rate: 15.36%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 278.793 ms
Loss rate: 15.36%
```

Run 8: Report of QUIC Cubic — Data Link

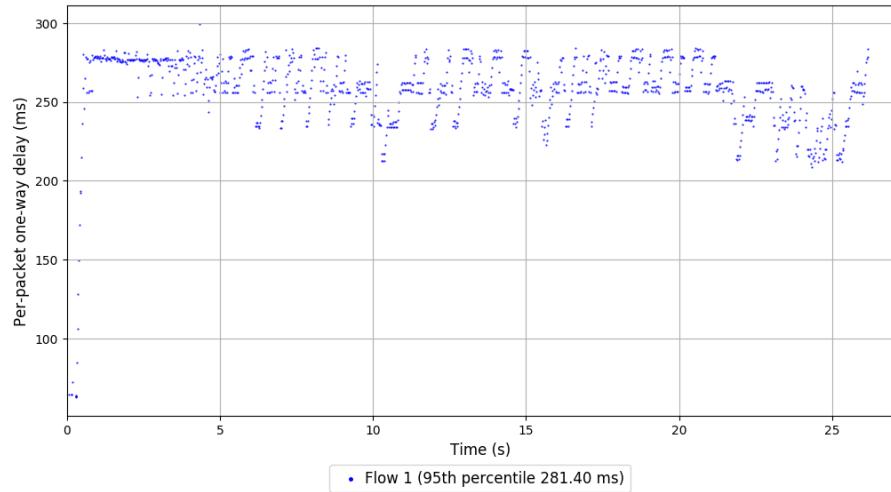
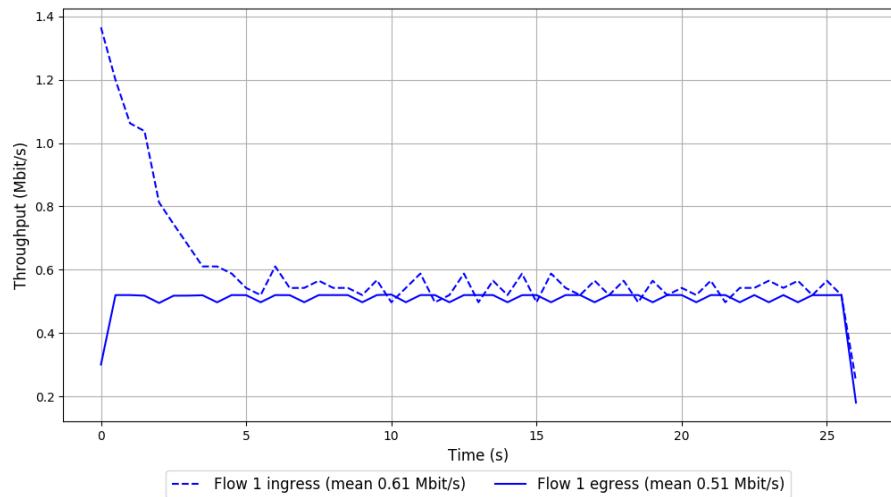


Run 9: Statistics of QUIC Cubic

```
Start at: Mon, 17 Jul 2017 00:25:07 +0000
End at: Mon, 17 Jul 2017 00:25:37 +0000
Local clock offset: 2.288 ms
Remote clock offset: 3.989 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 281.396 ms
Loss rate: 15.96%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 281.396 ms
Loss rate: 15.96%
```

## Run 9: Report of QUIC Cubic — Data Link

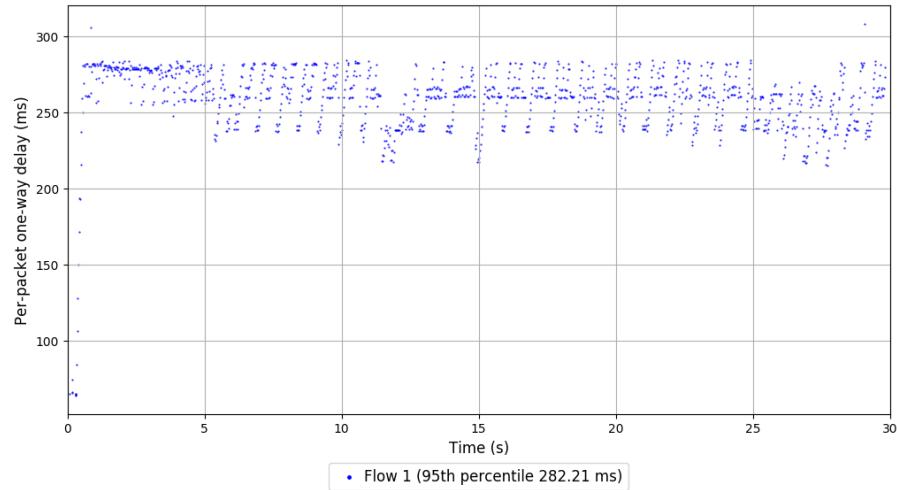
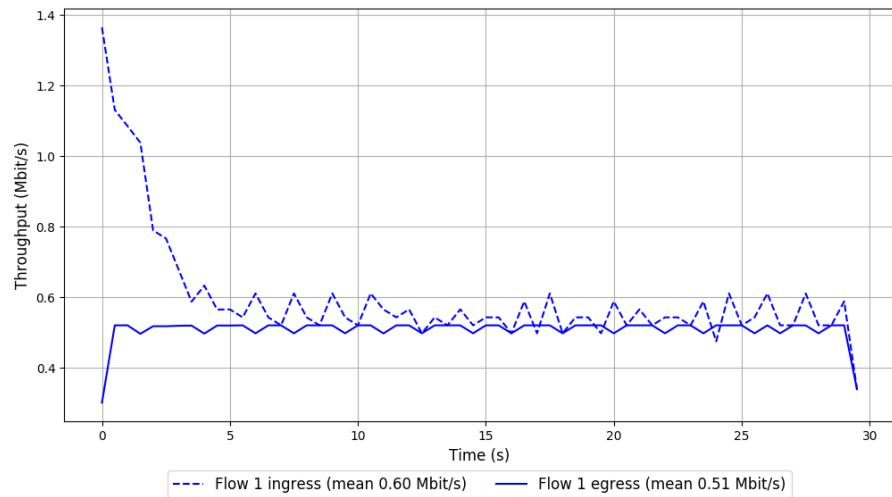


```
Run 10: Statistics of QUIC Cubic

Start at: Mon, 17 Jul 2017 00:42:13 +0000
End at: Mon, 17 Jul 2017 00:42:43 +0000
Local clock offset: 2.038 ms
Remote clock offset: 2.145 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.211 ms
Loss rate: 15.02%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 282.211 ms
Loss rate: 15.02%
```

## Run 10: Report of QUIC Cubic — Data Link

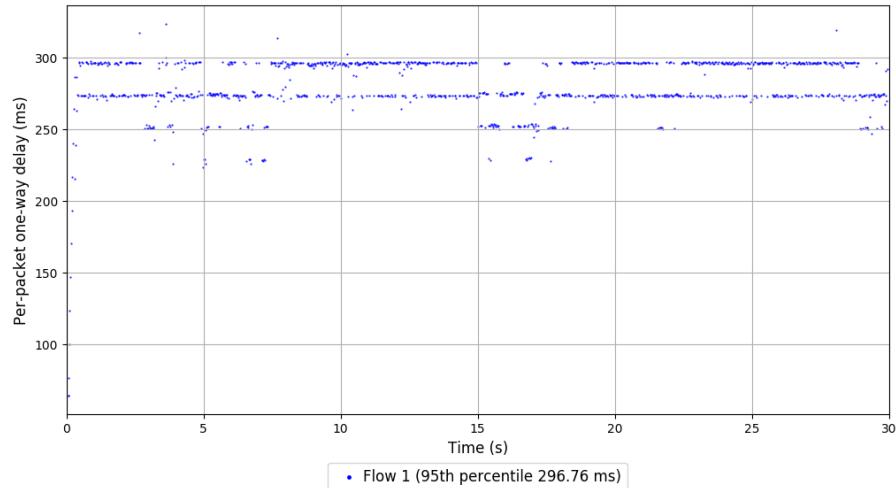
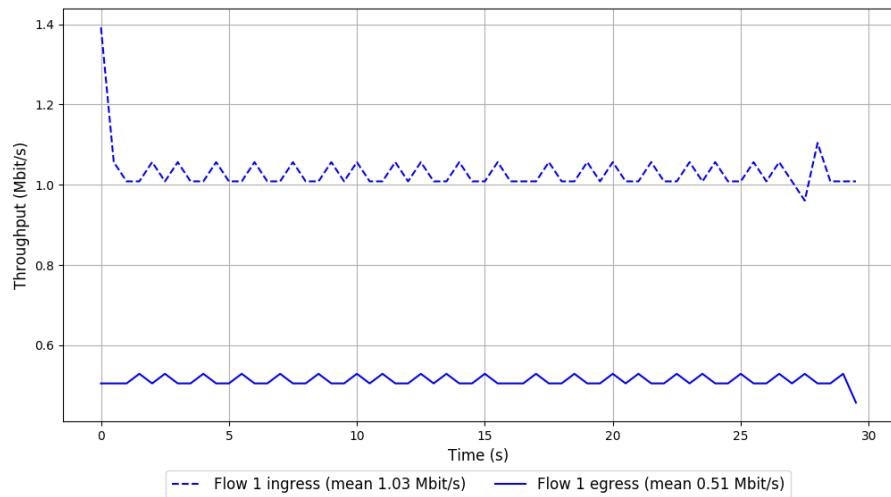


Run 1: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 22:05:39 +0000
End at: Sun, 16 Jul 2017 22:06:09 +0000
Local clock offset: -1.283 ms
Remote clock offset: 3.569 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.757 ms
Loss rate: 50.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.757 ms
Loss rate: 50.39%
```

Run 1: Report of Saturator — Data Link

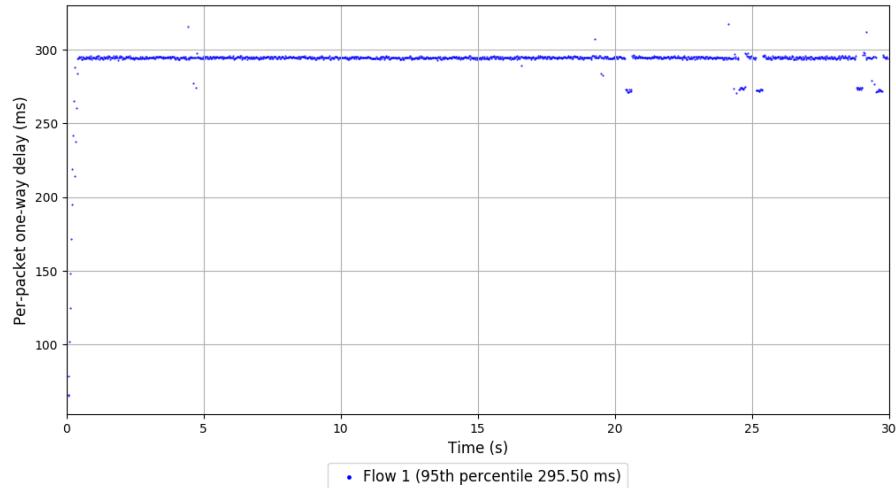
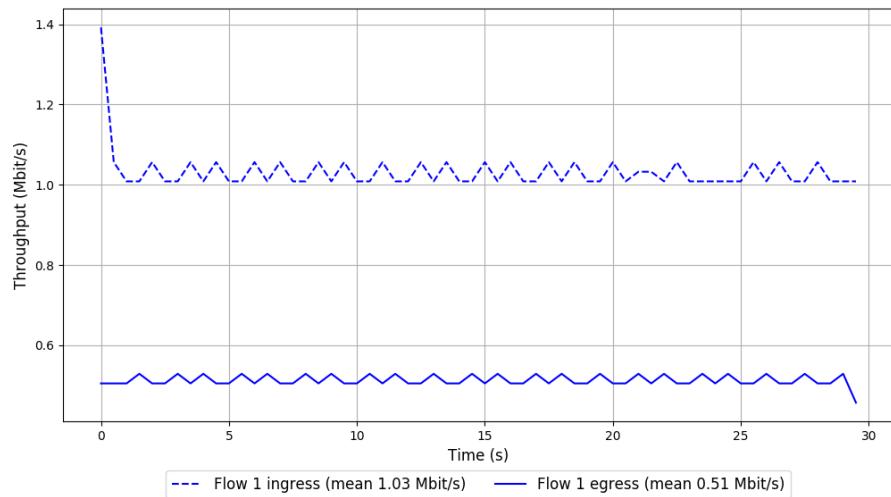


Run 2: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 22:22:48 +0000
End at: Sun, 16 Jul 2017 22:23:18 +0000
Local clock offset: -0.422 ms
Remote clock offset: 3.833 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.504 ms
Loss rate: 50.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.504 ms
Loss rate: 50.35%
```

Run 2: Report of Saturator — Data Link

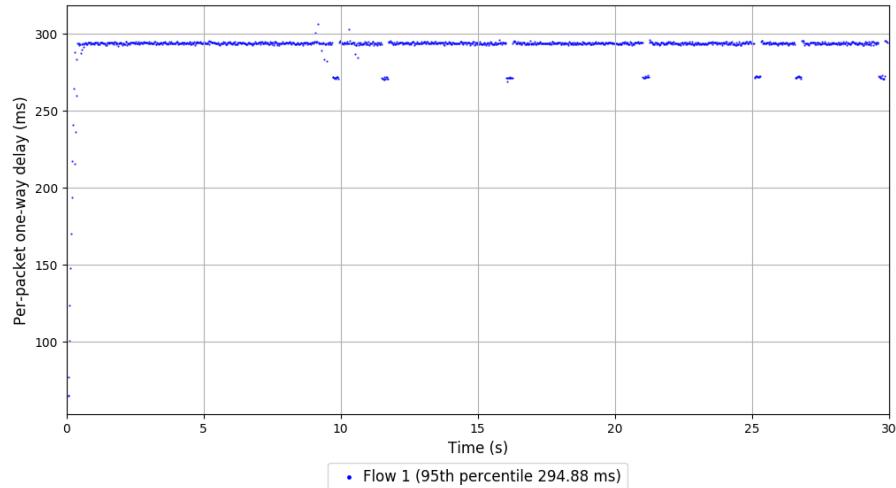
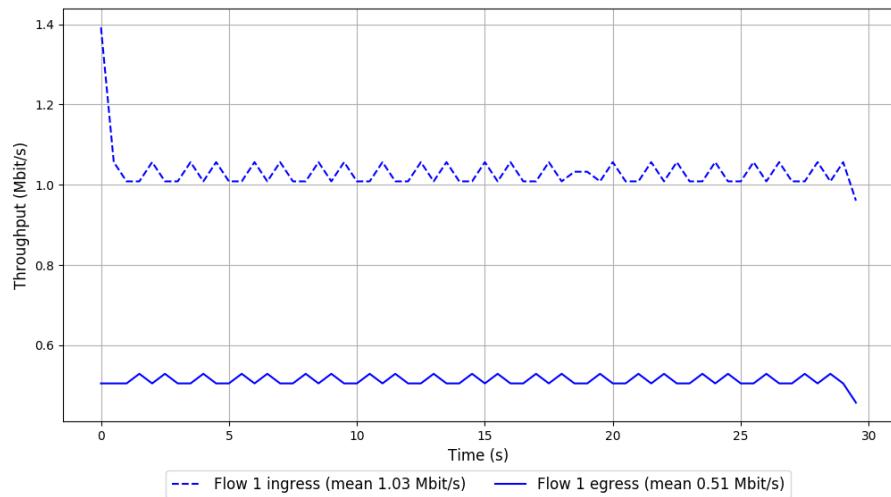


Run 3: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 22:39:51 +0000
End at: Sun, 16 Jul 2017 22:40:21 +0000
Local clock offset: -1.088 ms
Remote clock offset: 3.847 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.877 ms
Loss rate: 50.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.877 ms
Loss rate: 50.39%
```

Run 3: Report of Saturator — Data Link

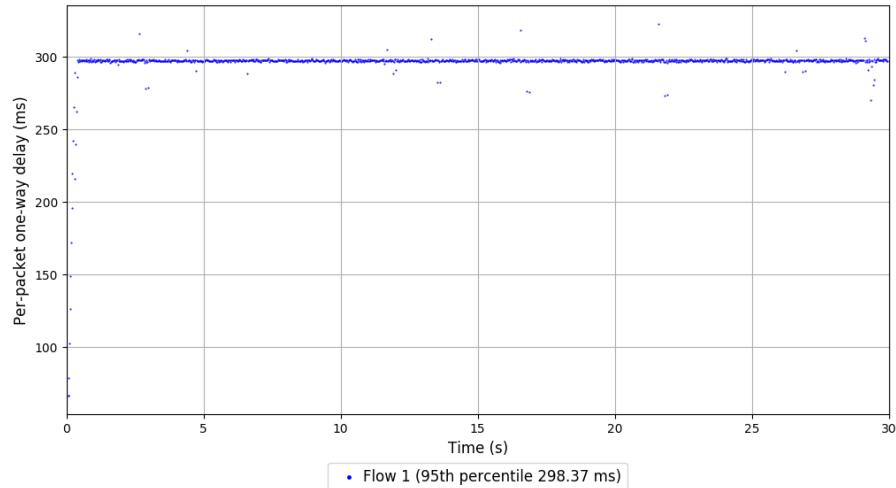
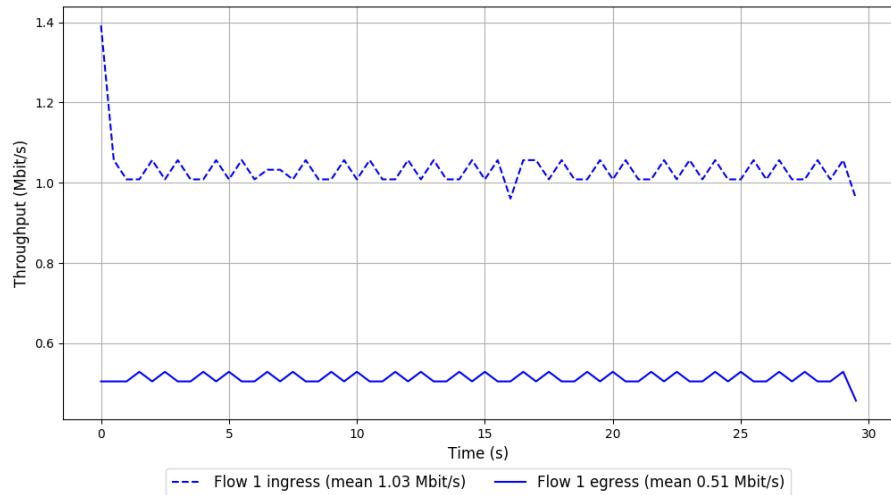


Run 4: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 22:56:55 +0000
End at: Sun, 16 Jul 2017 22:57:25 +0000
Local clock offset: -0.329 ms
Remote clock offset: 2.886 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.372 ms
Loss rate: 50.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 298.372 ms
Loss rate: 50.39%
```

Run 4: Report of Saturator — Data Link

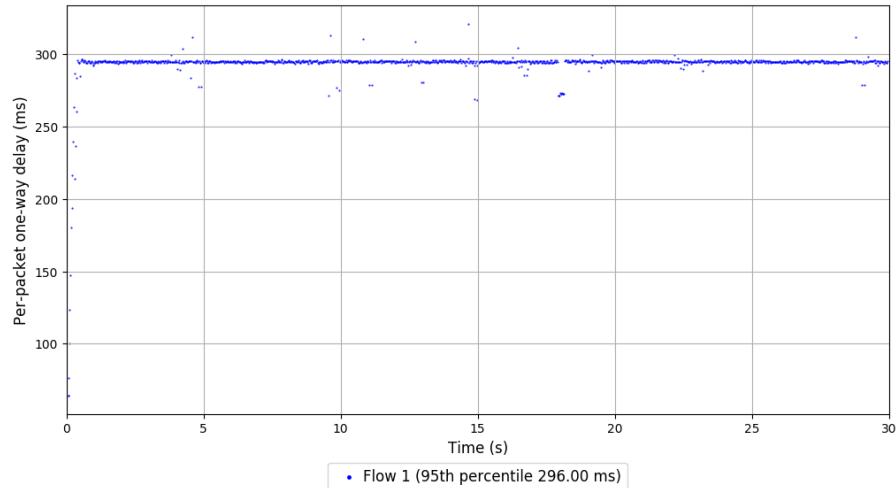
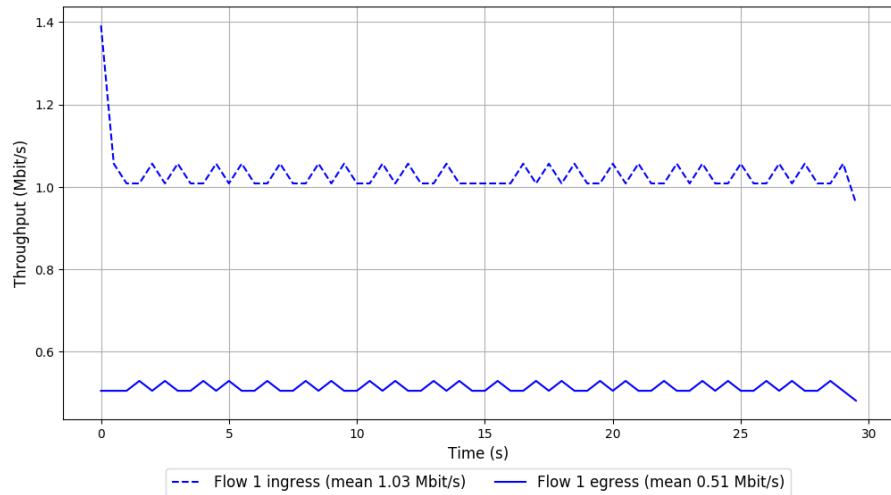


Run 5: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 23:14:01 +0000
End at: Sun, 16 Jul 2017 23:14:31 +0000
Local clock offset: -1.666 ms
Remote clock offset: 3.778 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.004 ms
Loss rate: 50.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.004 ms
Loss rate: 50.31%
```

Run 5: Report of Saturator — Data Link

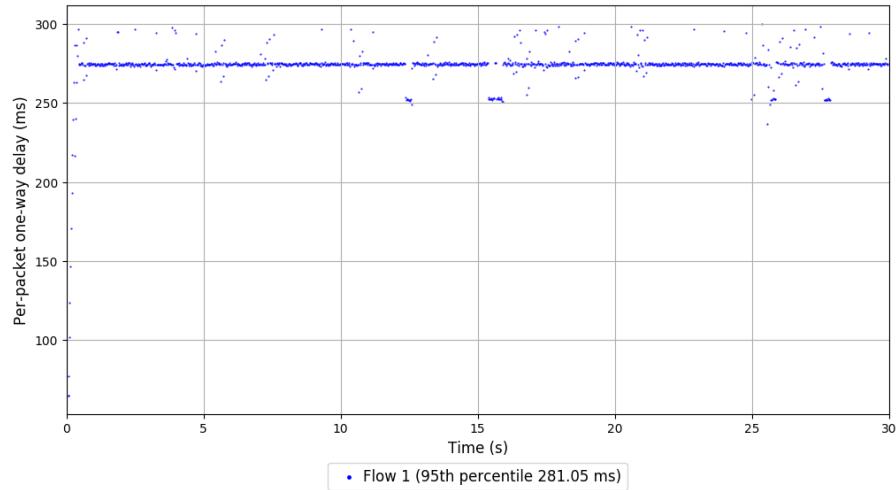
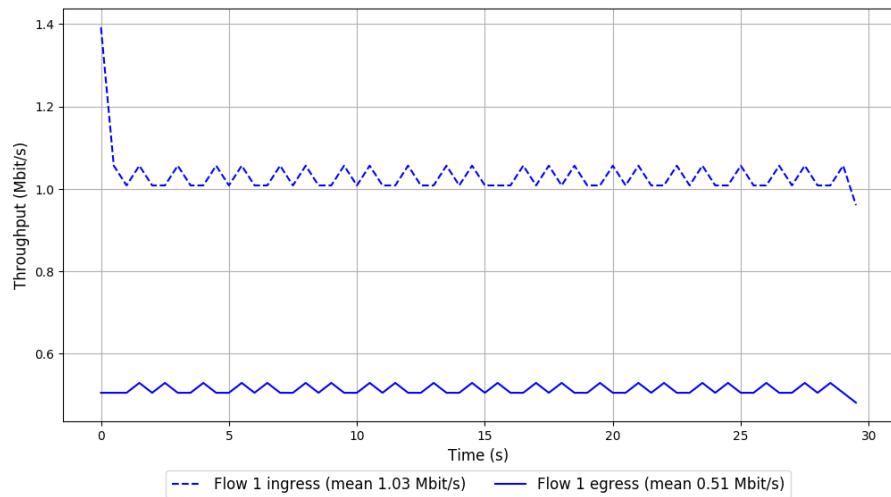


Run 6: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 23:31:07 +0000
End at: Sun, 16 Jul 2017 23:31:37 +0000
Local clock offset: 1.186 ms
Remote clock offset: 4.088 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 281.045 ms
Loss rate: 50.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 281.045 ms
Loss rate: 50.35%
```

Run 6: Report of Saturator — Data Link

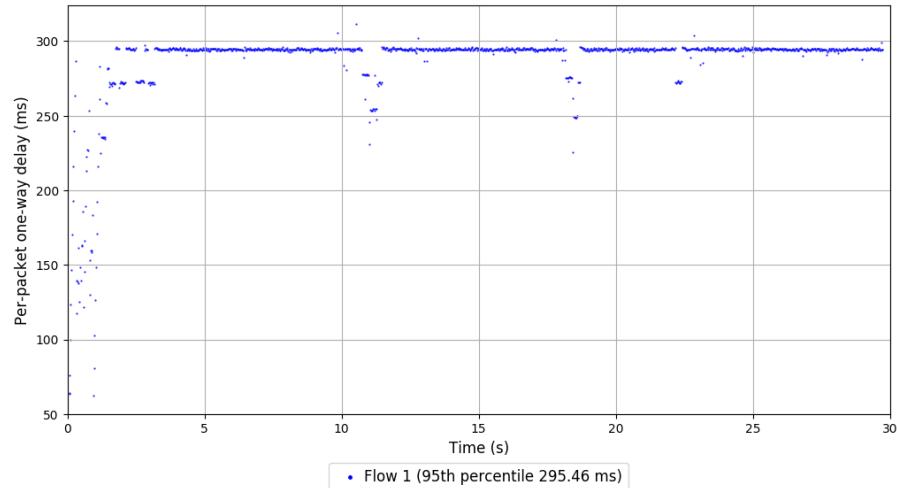
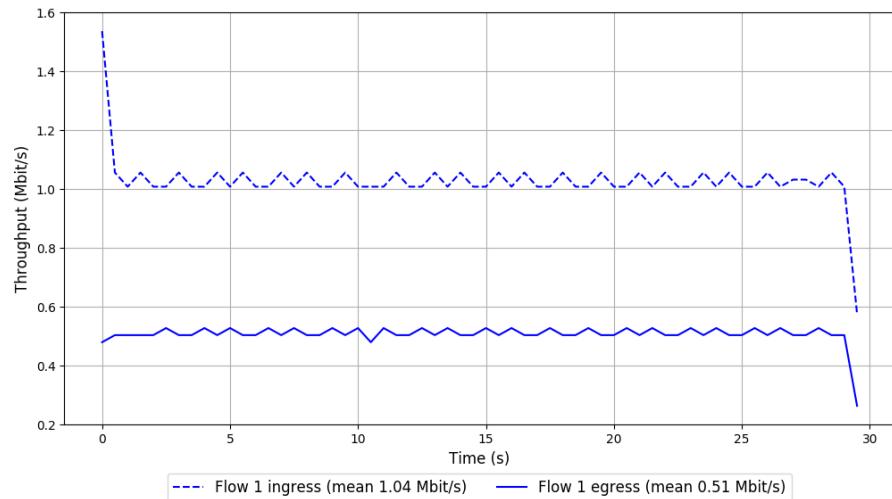


Run 7: Statistics of Saturator

```
Start at: Sun, 16 Jul 2017 23:48:20 +0000
End at: Sun, 16 Jul 2017 23:48:50 +0000
Local clock offset: 0.87 ms
Remote clock offset: 4.229 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.463 ms
Loss rate: 50.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.463 ms
Loss rate: 50.58%
```

Run 7: Report of Saturator — Data Link

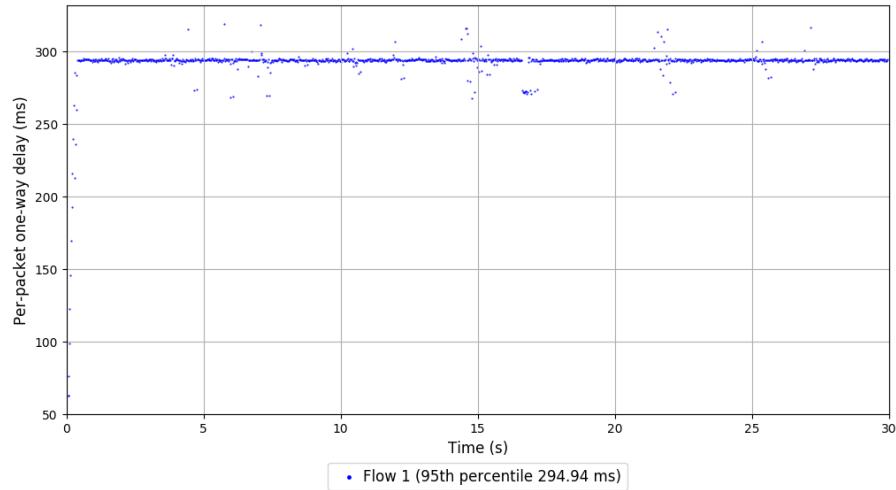
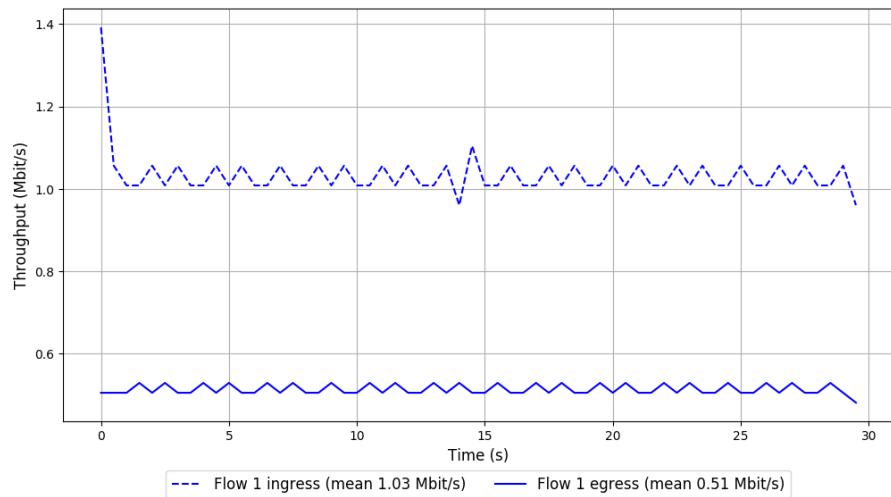


Run 8: Statistics of Saturator

```
Start at: Mon, 17 Jul 2017 00:05:43 +0000
End at: Mon, 17 Jul 2017 00:06:13 +0000
Local clock offset: 0.941 ms
Remote clock offset: 4.835 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.938 ms
Loss rate: 50.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.938 ms
Loss rate: 50.35%
```

Run 8: Report of Saturator — Data Link

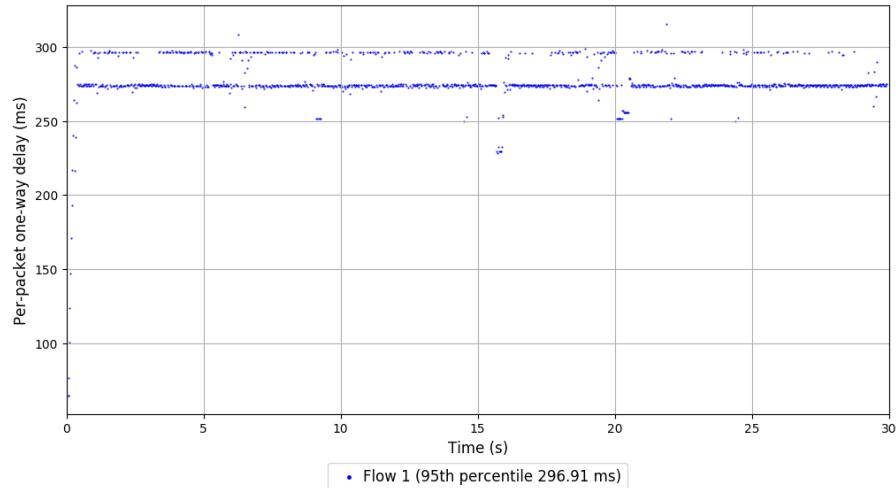
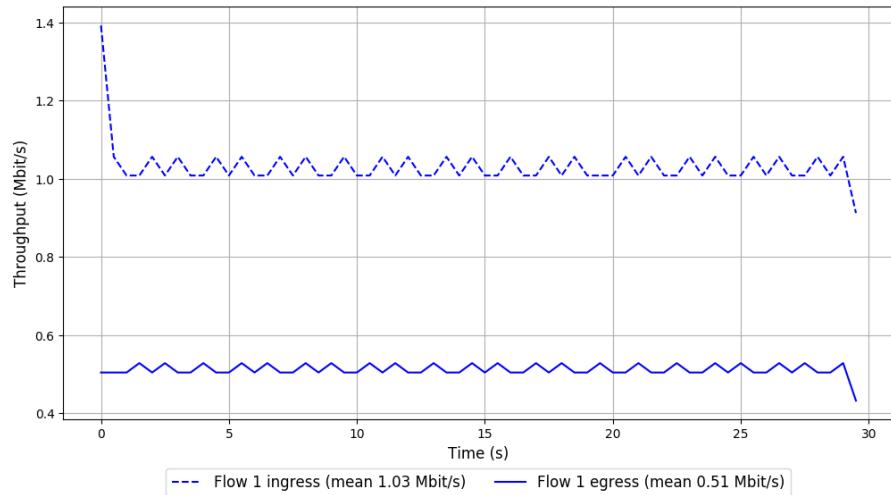


Run 9: Statistics of Saturator

```
Start at: Mon, 17 Jul 2017 00:22:40 +0000
End at: Mon, 17 Jul 2017 00:23:10 +0000
Local clock offset: 1.316 ms
Remote clock offset: 4.199 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.907 ms
Loss rate: 50.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.907 ms
Loss rate: 50.39%
```

Run 9: Report of Saturator — Data Link

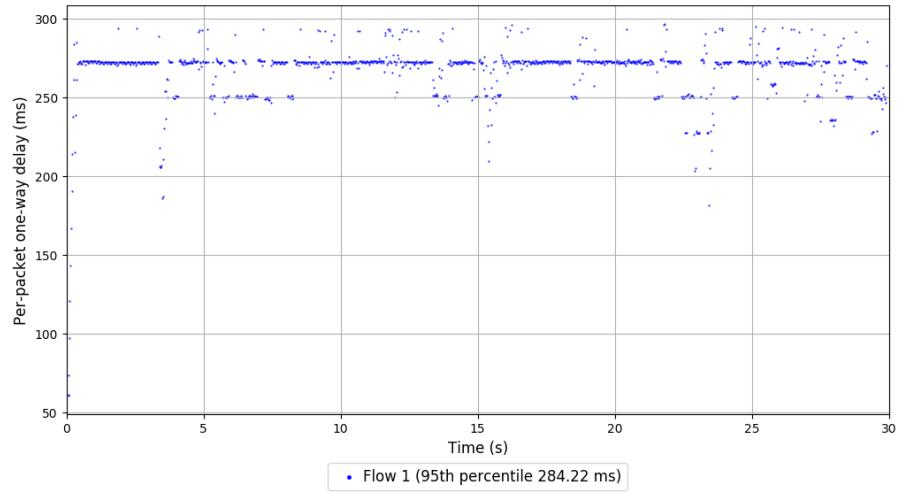
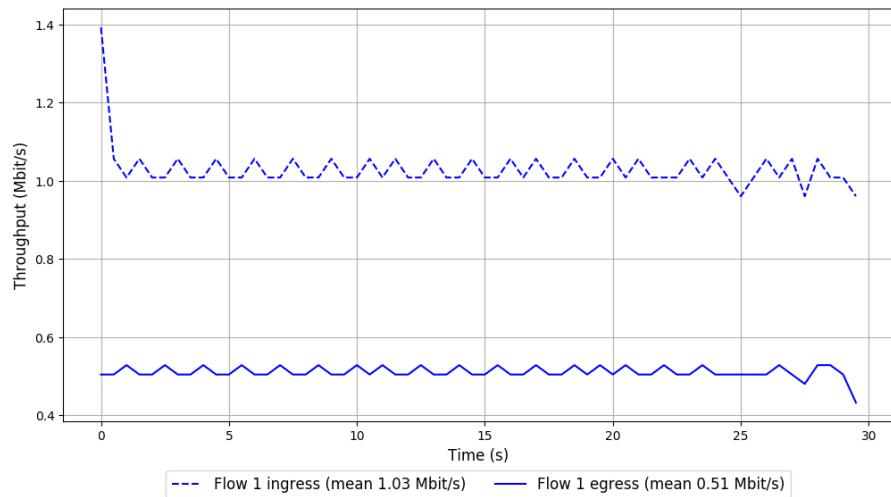


Run 10: Statistics of Saturator

```
Start at: Mon, 17 Jul 2017 00:39:40 +0000
End at: Mon, 17 Jul 2017 00:40:10 +0000
Local clock offset: -1.531 ms
Remote clock offset: 3.03 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 284.220 ms
Loss rate: 50.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 284.220 ms
Loss rate: 50.39%
```

Run 10: Report of Saturator — Data Link

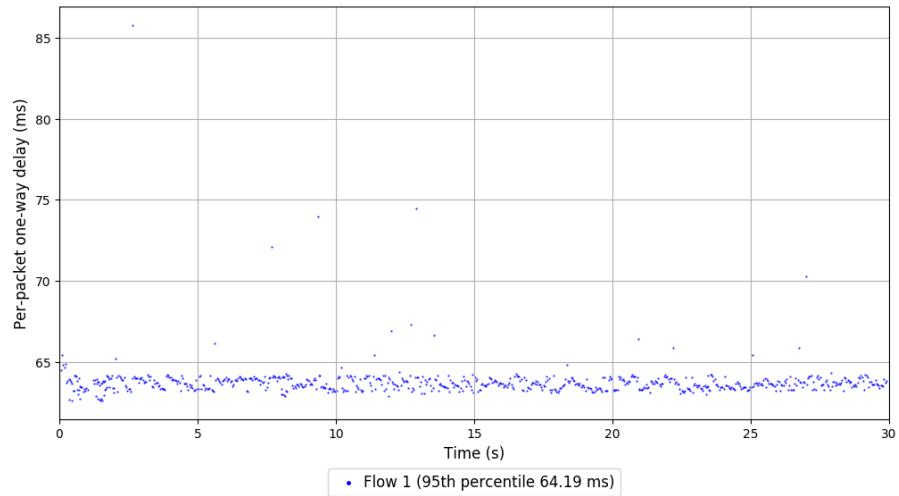
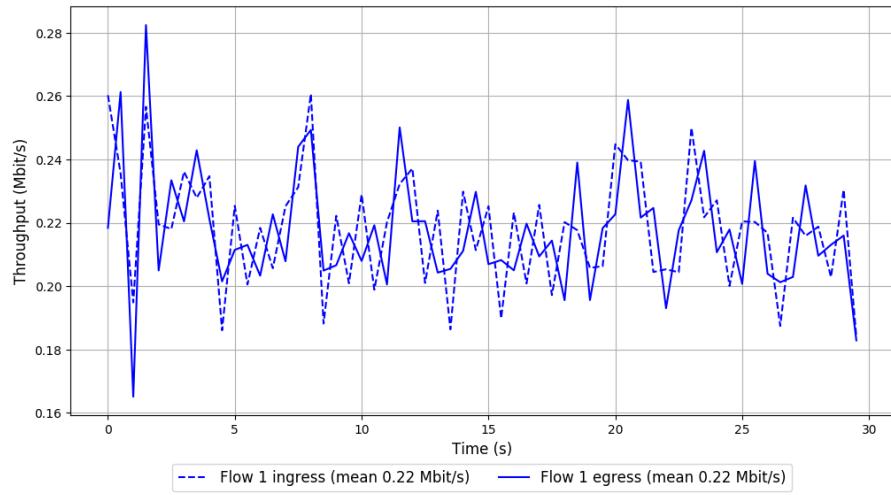


Run 1: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 21:59:34 +0000
End at: Sun, 16 Jul 2017 22:00:04 +0000
Local clock offset: -1.552 ms
Remote clock offset: 2.492 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.190 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.190 ms
Loss rate: 0.26%
```

Run 1: Report of SCReAM — Data Link

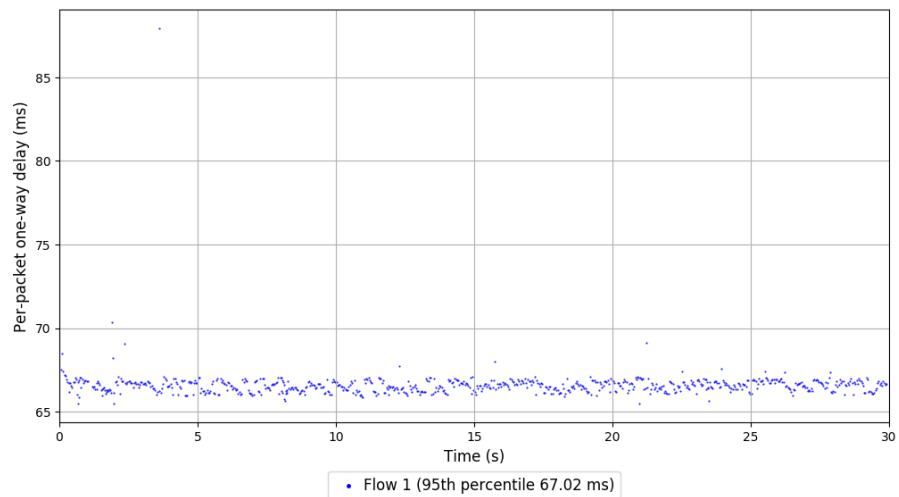
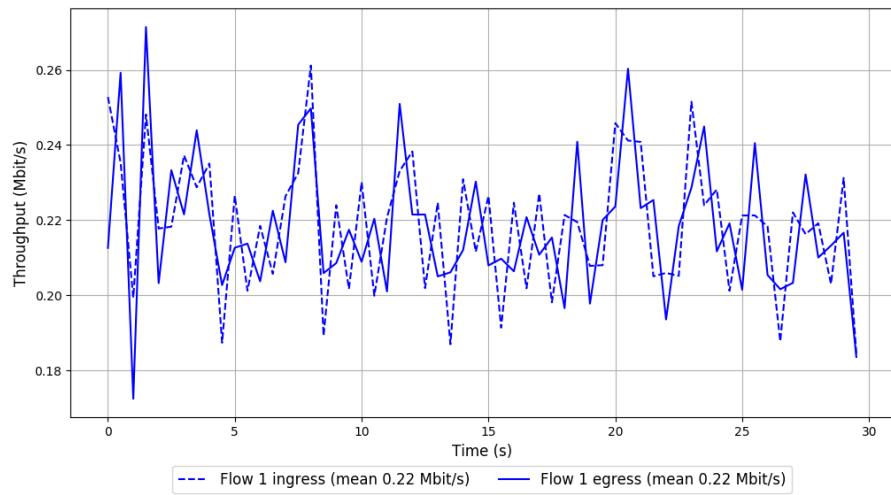


Run 2: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 22:16:34 +0000
End at: Sun, 16 Jul 2017 22:17:04 +0000
Local clock offset: 2.396 ms
Remote clock offset: 3.786 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 67.018 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 67.018 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

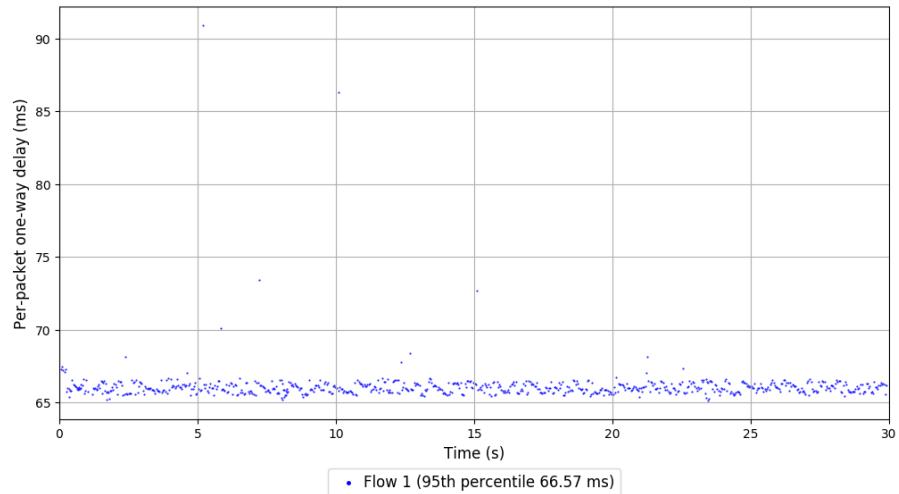
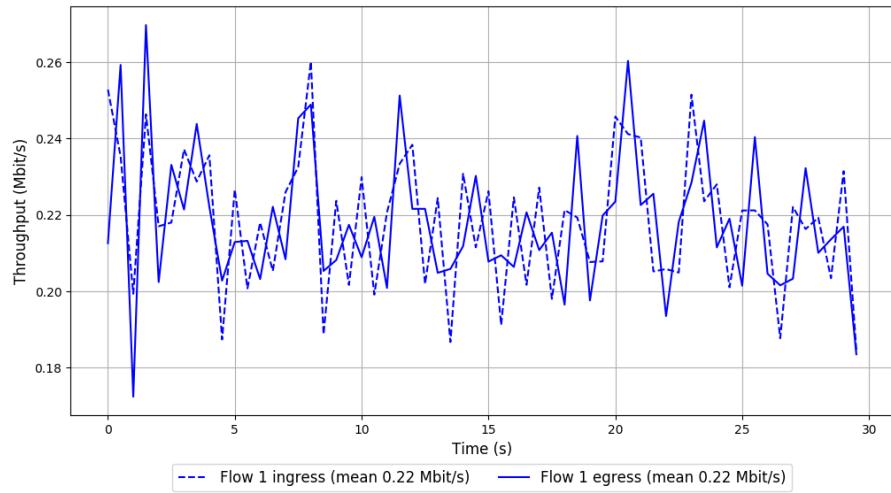


Run 3: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 22:33:49 +0000
End at: Sun, 16 Jul 2017 22:34:19 +0000
Local clock offset: 2.326 ms
Remote clock offset: 4.206 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.566 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.566 ms
Loss rate: 0.26%
```

Run 3: Report of SCReAM — Data Link

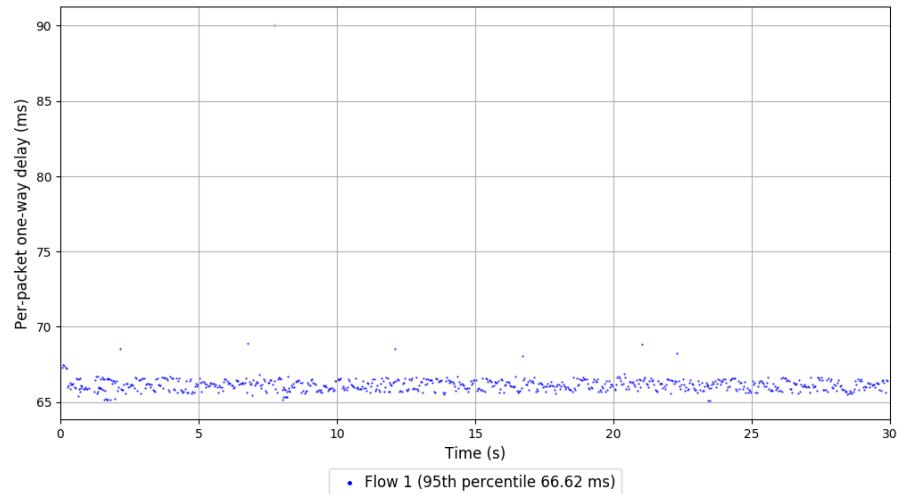
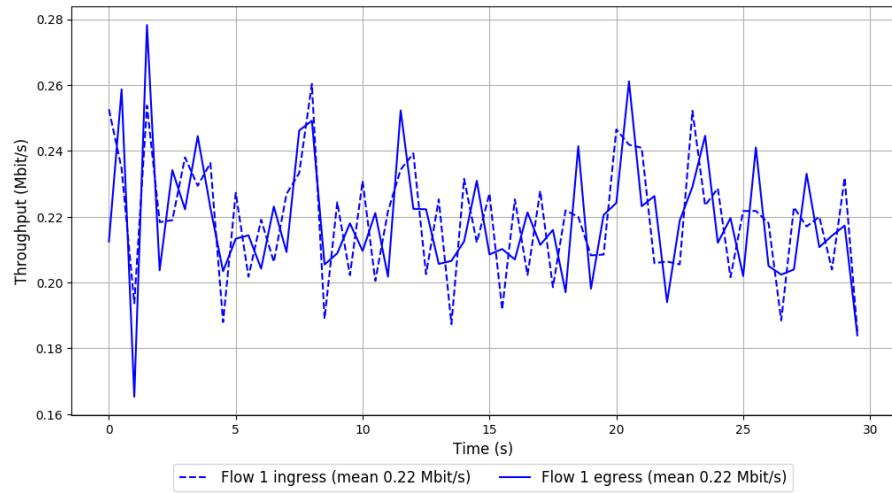


Run 4: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 22:50:49 +0000
End at: Sun, 16 Jul 2017 22:51:19 +0000
Local clock offset: 2.048 ms
Remote clock offset: 3.439 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.616 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.616 ms
Loss rate: 0.26%
```

## Run 4: Report of SCReAM — Data Link

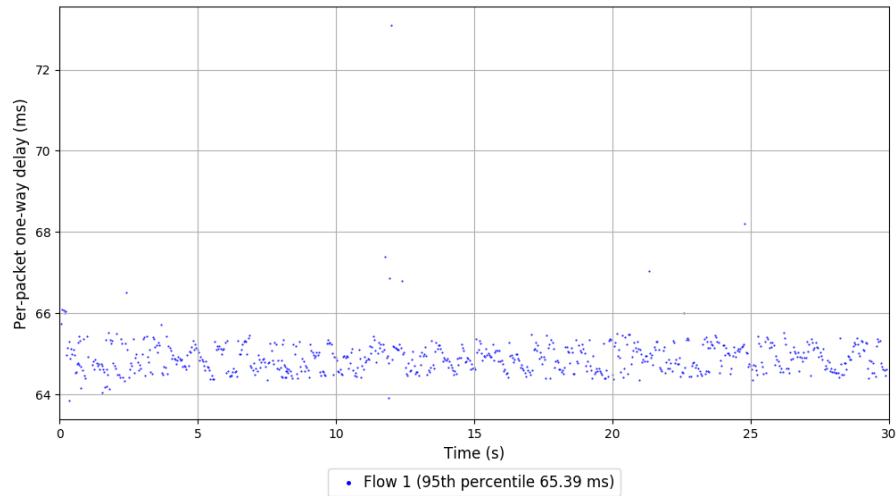
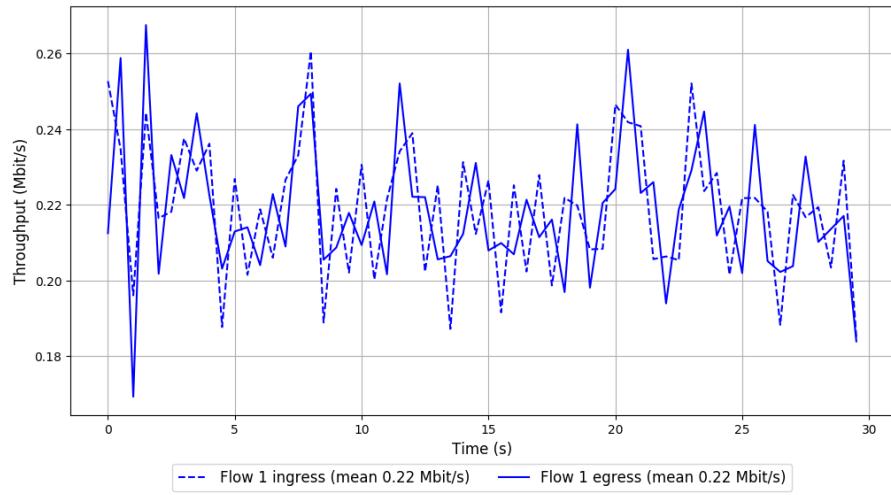


Run 5: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 23:07:57 +0000
End at: Sun, 16 Jul 2017 23:08:27 +0000
Local clock offset: 0.647 ms
Remote clock offset: 4.108 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.387 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.387 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

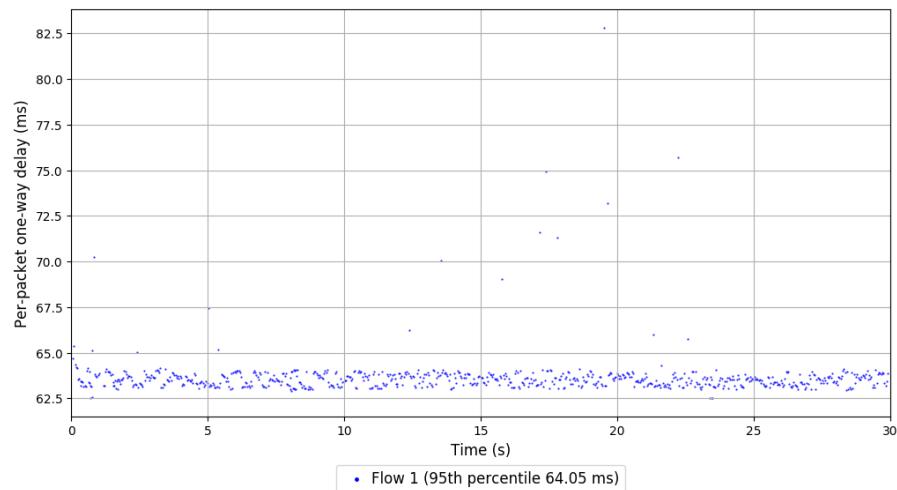
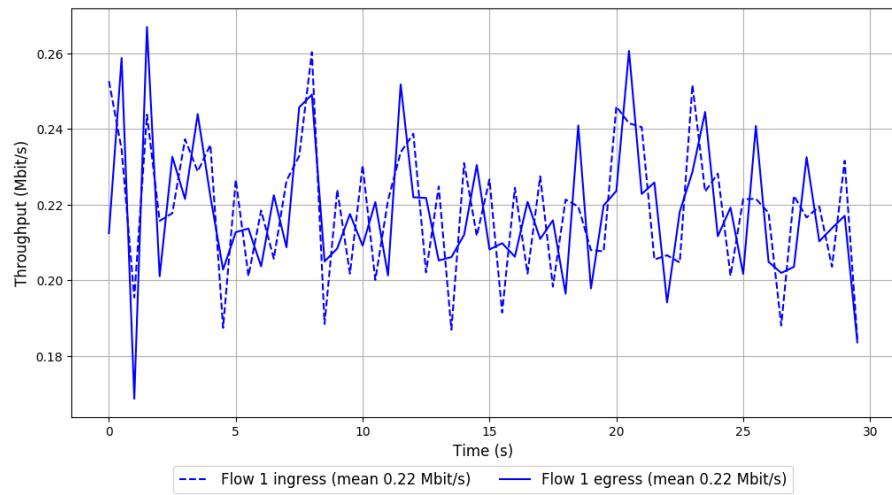


Run 6: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 23:25:01 +0000
End at: Sun, 16 Jul 2017 23:25:31 +0000
Local clock offset: 0.215 ms
Remote clock offset: 4.46 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.045 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.045 ms
Loss rate: 0.26%
```

Run 6: Report of SCReAM — Data Link

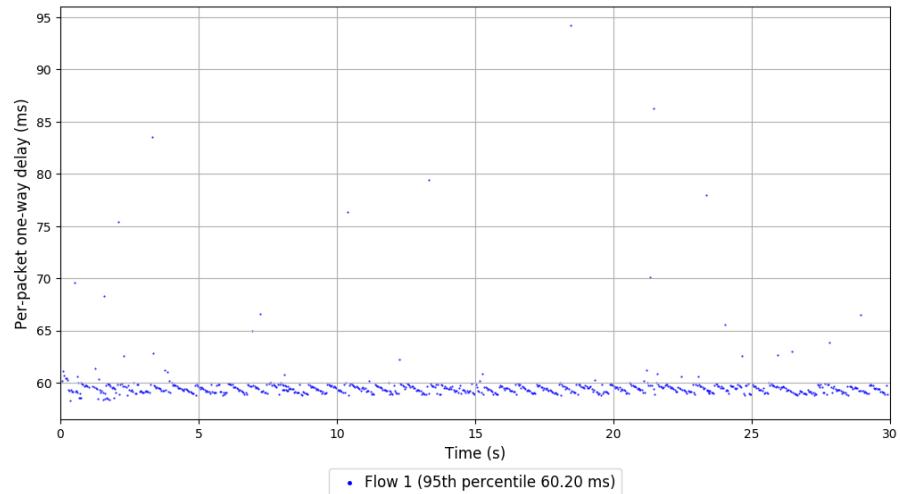
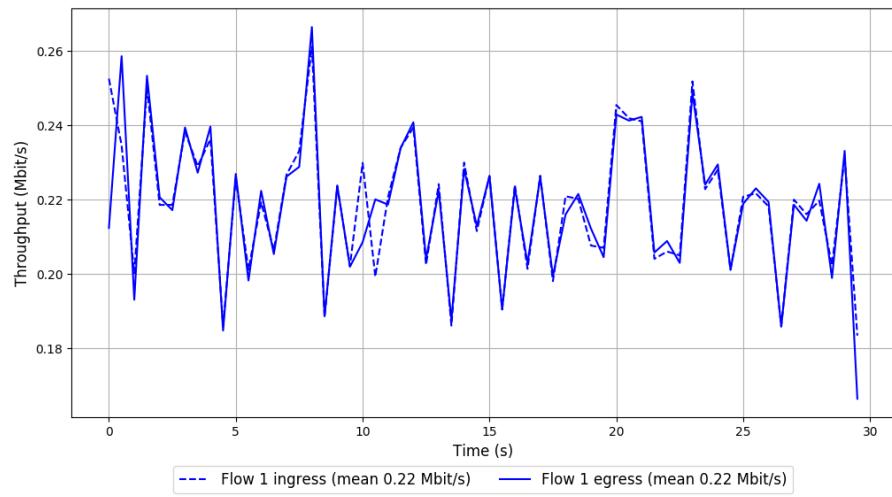


Run 7: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 23:42:04 +0000
End at: Sun, 16 Jul 2017 23:42:34 +0000
Local clock offset: -0.508 ms
Remote clock offset: 5.141 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.205 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.205 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

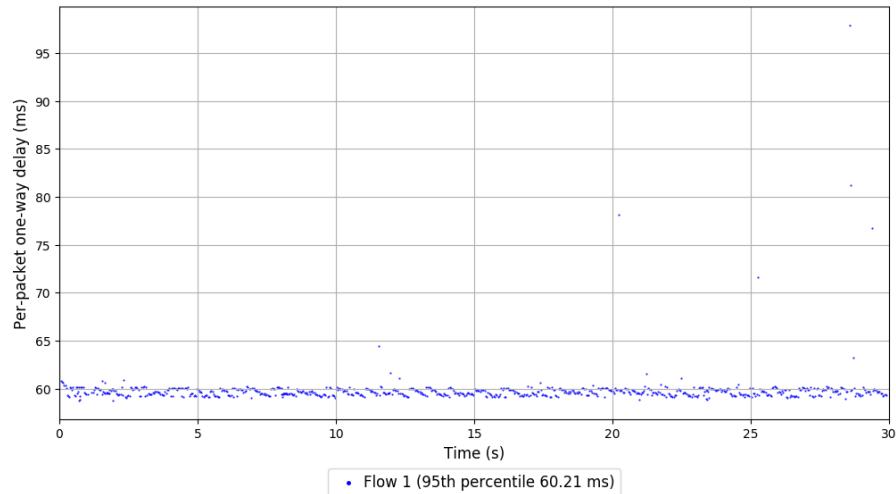
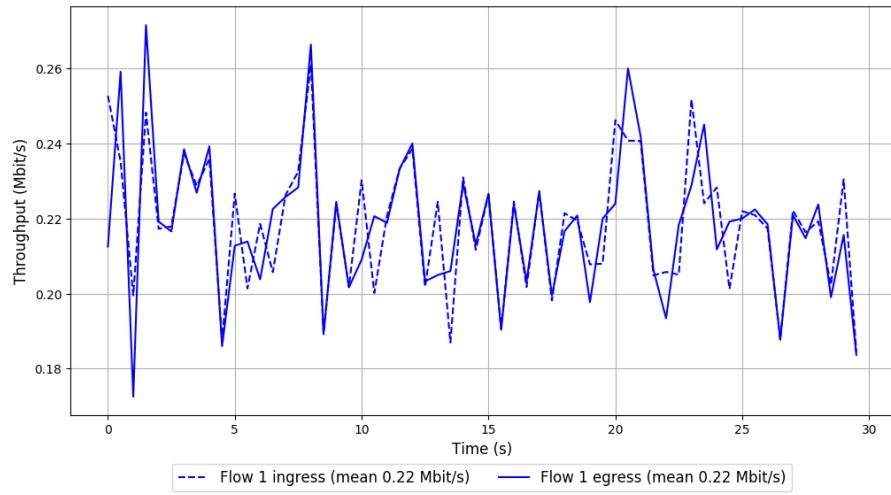


Run 8: Statistics of SCReAM

```
Start at: Sun, 16 Jul 2017 23:59:40 +0000
End at: Mon, 17 Jul 2017 00:00:10 +0000
Local clock offset: -1.543 ms
Remote clock offset: 4.368 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.207 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.207 ms
Loss rate: 0.26%
```

Run 8: Report of SCReAM — Data Link

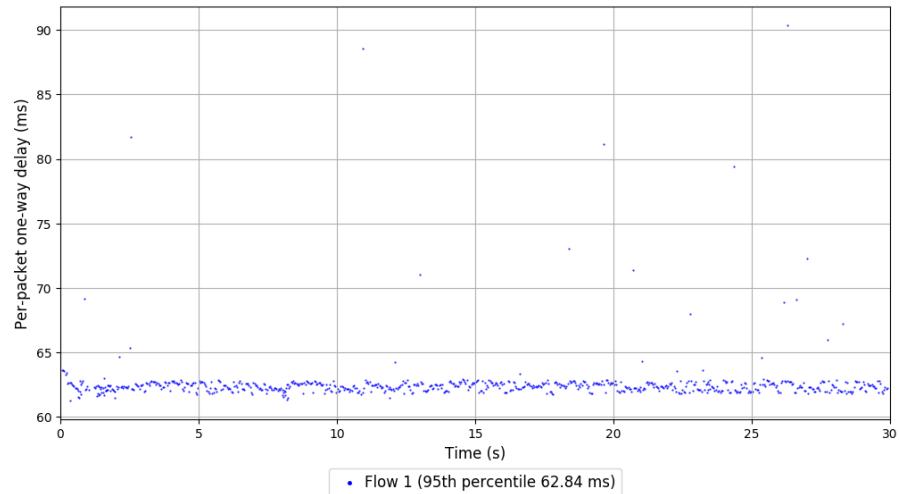
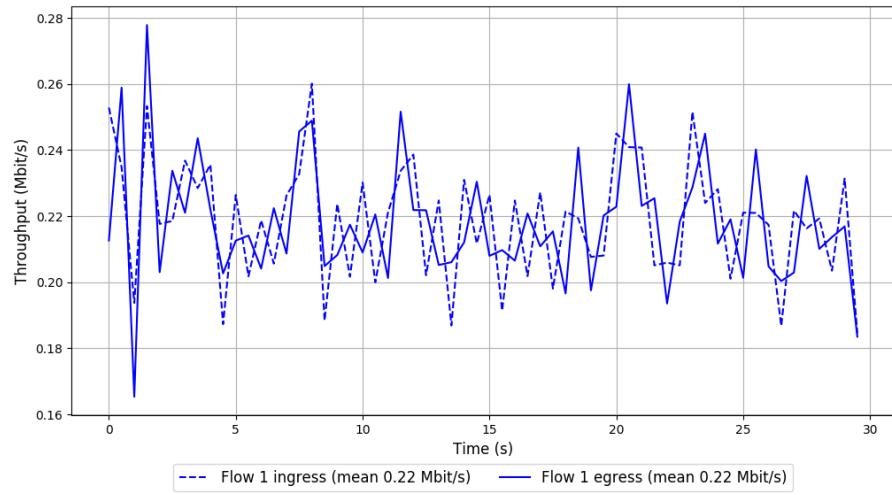


Run 9: Statistics of SCReAM

```
Start at: Mon, 17 Jul 2017 00:16:36 +0000
End at: Mon, 17 Jul 2017 00:17:06 +0000
Local clock offset: 0.553 ms
Remote clock offset: 3.632 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.845 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.845 ms
Loss rate: 0.26%
```

Run 9: Report of SCReAM — Data Link

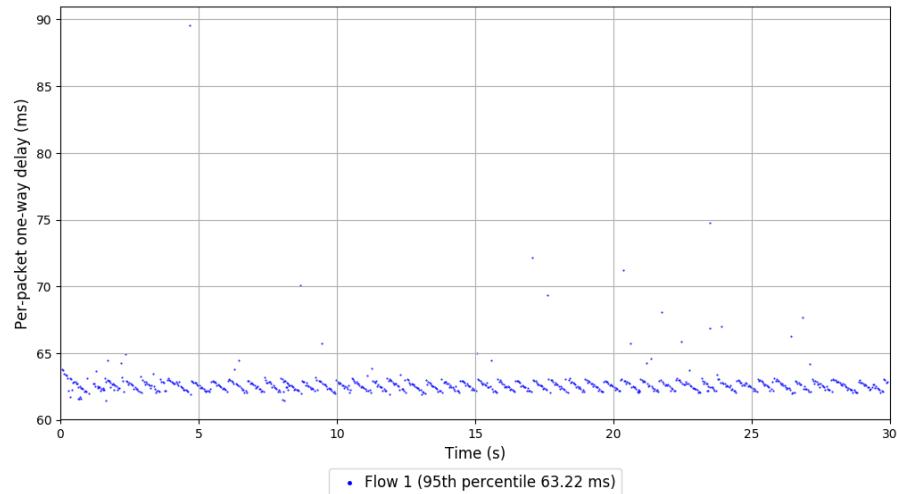
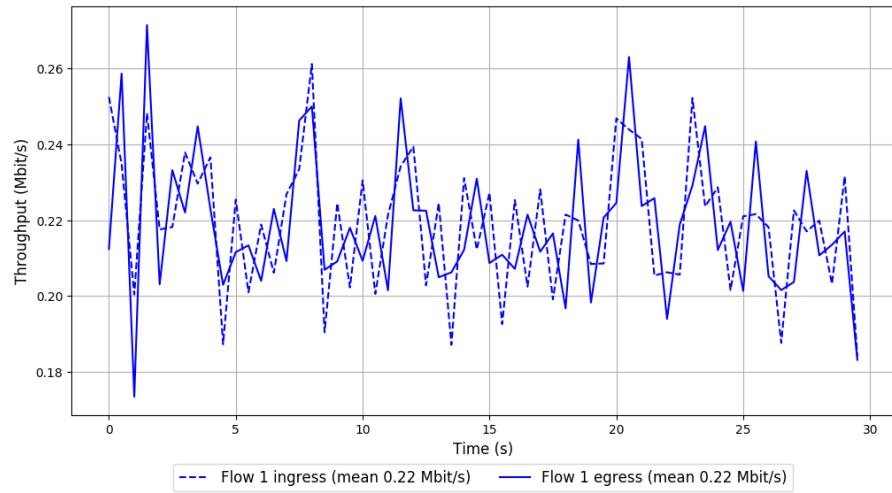


Run 10: Statistics of SCReAM

```
Start at: Mon, 17 Jul 2017 00:33:36 +0000
End at: Mon, 17 Jul 2017 00:34:06 +0000
Local clock offset: 1.581 ms
Remote clock offset: 3.765 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.217 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.217 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

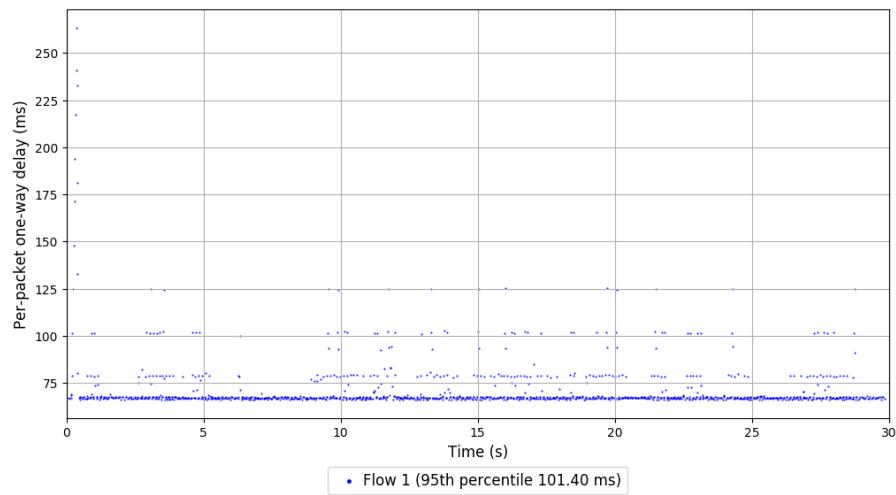
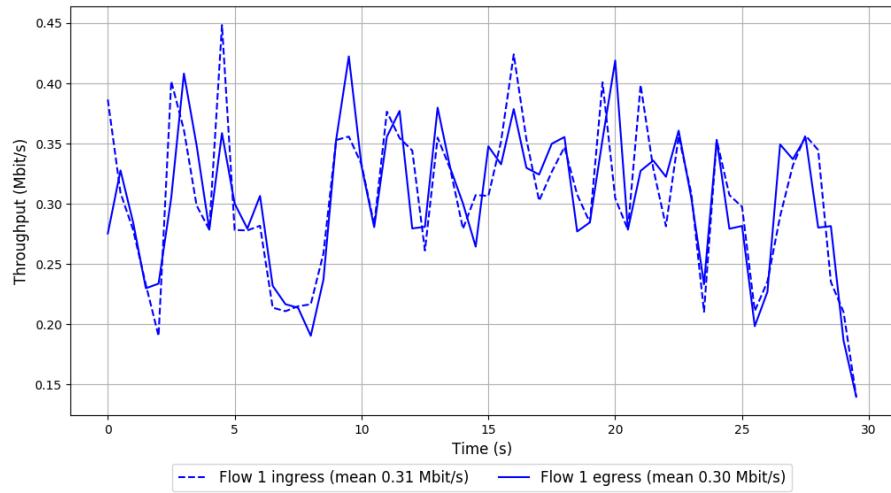


Run 1: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 22:00:46 +0000
End at: Sun, 16 Jul 2017 22:01:16 +0000
Local clock offset: 2.191 ms
Remote clock offset: 2.754 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 101.398 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 101.398 ms
Loss rate: 0.49%
```

### Run 1: Report of Sprout — Data Link

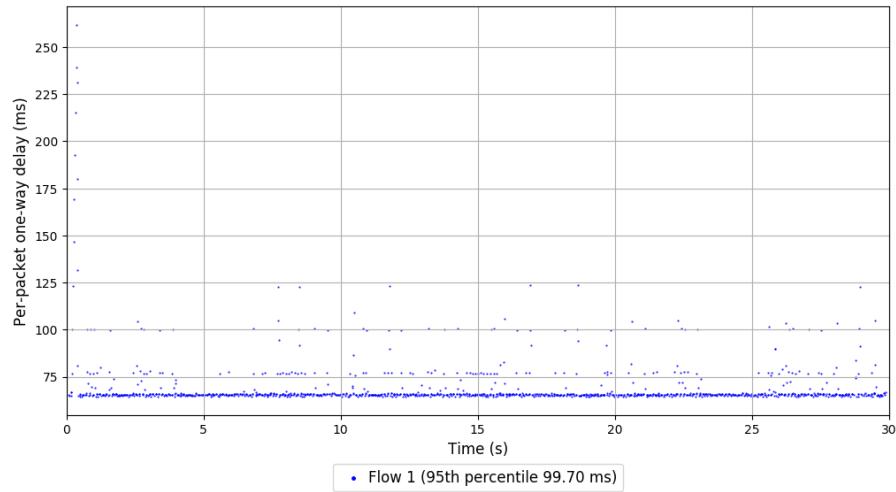
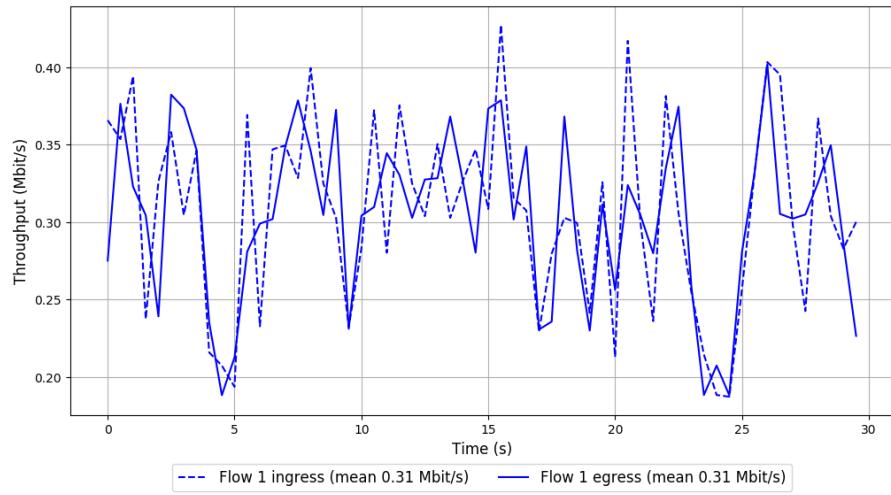


Run 2: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 22:17:48 +0000
End at: Sun, 16 Jul 2017 22:18:18 +0000
Local clock offset: 2.31 ms
Remote clock offset: 4.028 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 99.701 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 99.701 ms
Loss rate: 0.75%
```

## Run 2: Report of Sprout — Data Link

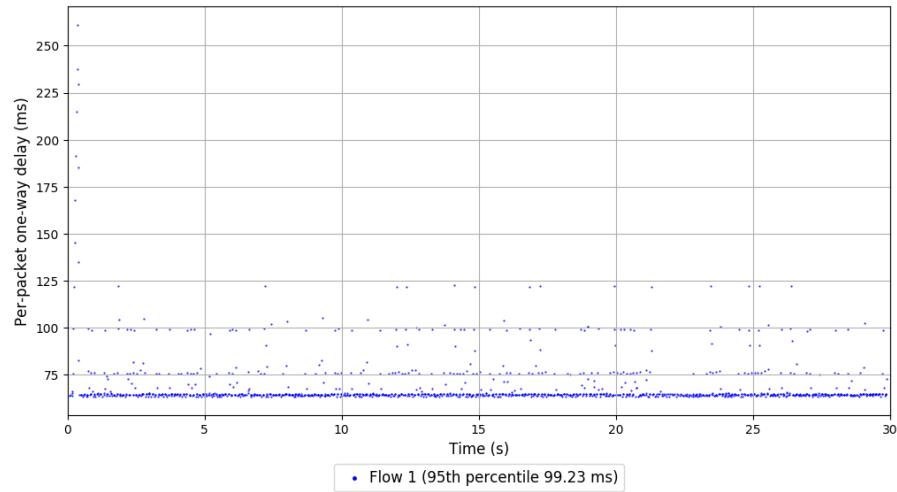
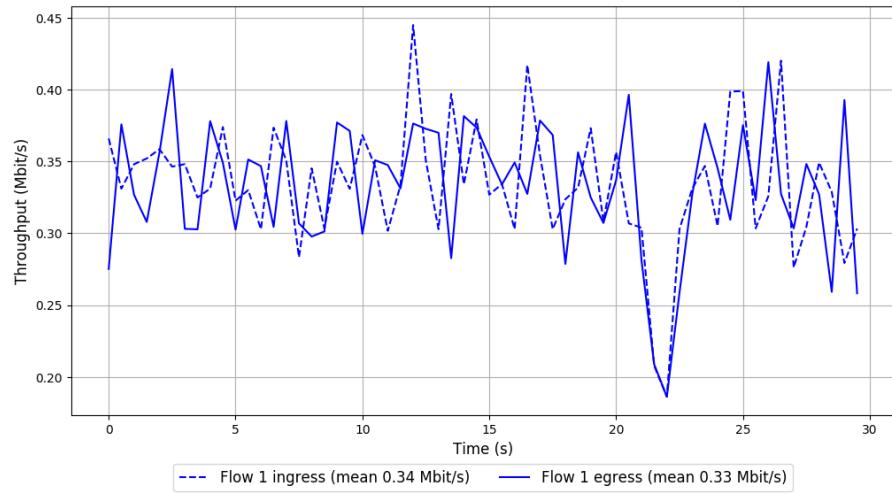


Run 3: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 22:35:01 +0000
End at: Sun, 16 Jul 2017 22:35:31 +0000
Local clock offset: 1.416 ms
Remote clock offset: 4.277 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 99.230 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 99.230 ms
Loss rate: 0.45%
```

### Run 3: Report of Sprout — Data Link

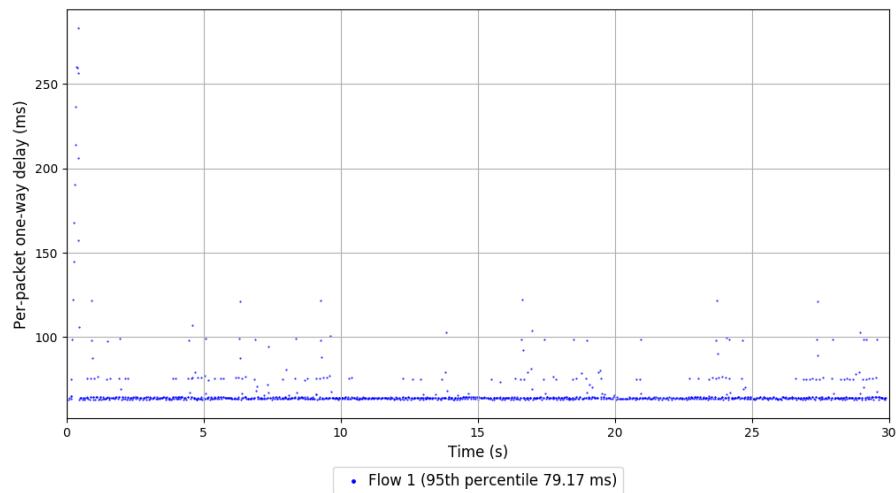
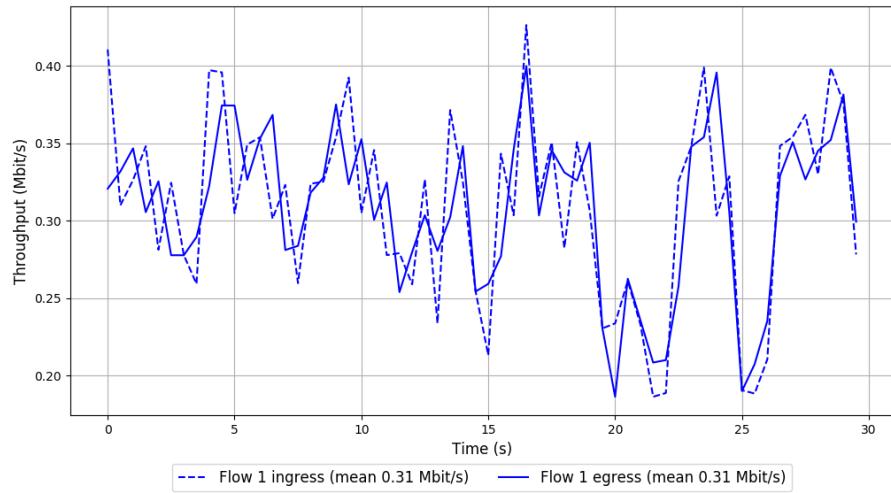


Run 4: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 22:52:01 +0000
End at: Sun, 16 Jul 2017 22:52:31 +0000
Local clock offset: -0.569 ms
Remote clock offset: 3.192 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 79.166 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 79.166 ms
Loss rate: 0.62%
```

## Run 4: Report of Sprout — Data Link

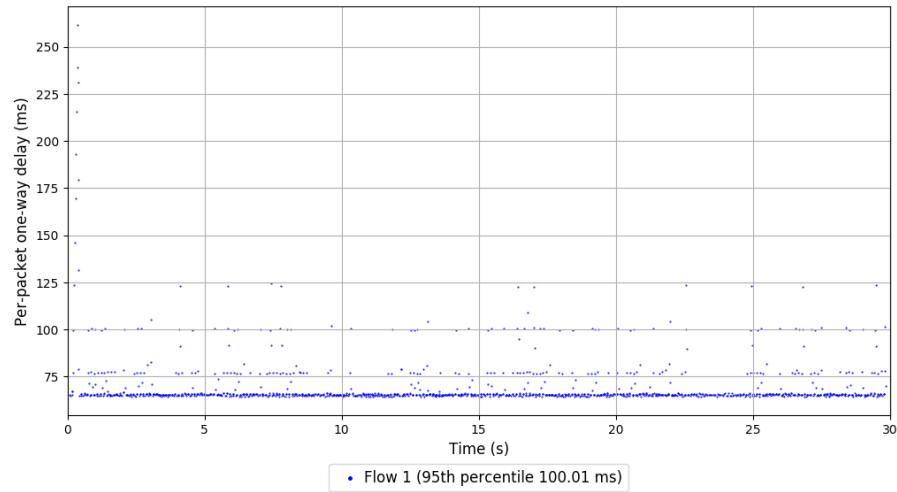
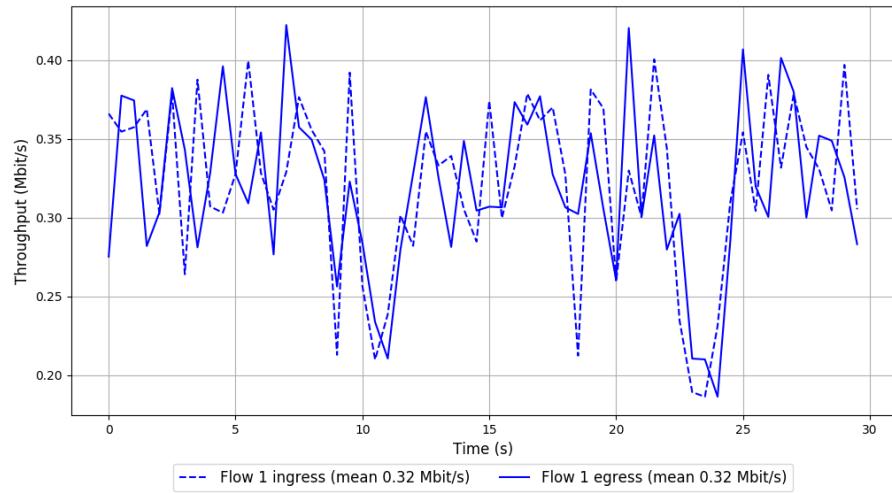


Run 5: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 23:09:08 +0000
End at: Sun, 16 Jul 2017 23:09:38 +0000
Local clock offset: 1.166 ms
Remote clock offset: 4.173 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 100.008 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 100.008 ms
Loss rate: 0.72%
```

## Run 5: Report of Sprout — Data Link

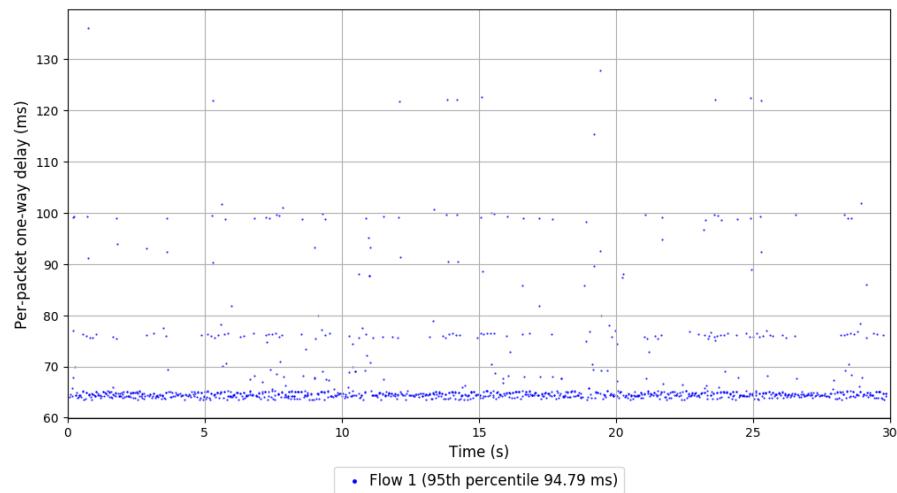
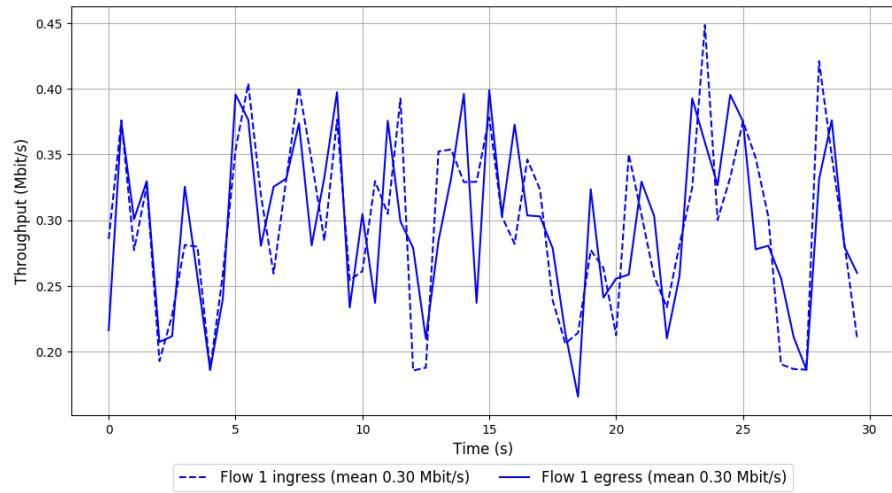


Run 6: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 23:26:13 +0000
End at: Sun, 16 Jul 2017 23:26:43 +0000
Local clock offset: 0.4 ms
Remote clock offset: 4.137 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 94.788 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 94.788 ms
Loss rate: 0.10%
```

## Run 6: Report of Sprout — Data Link

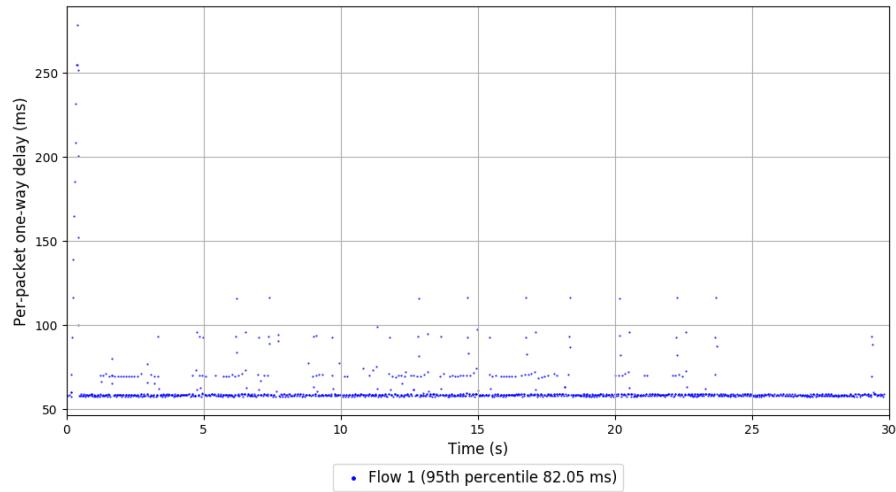
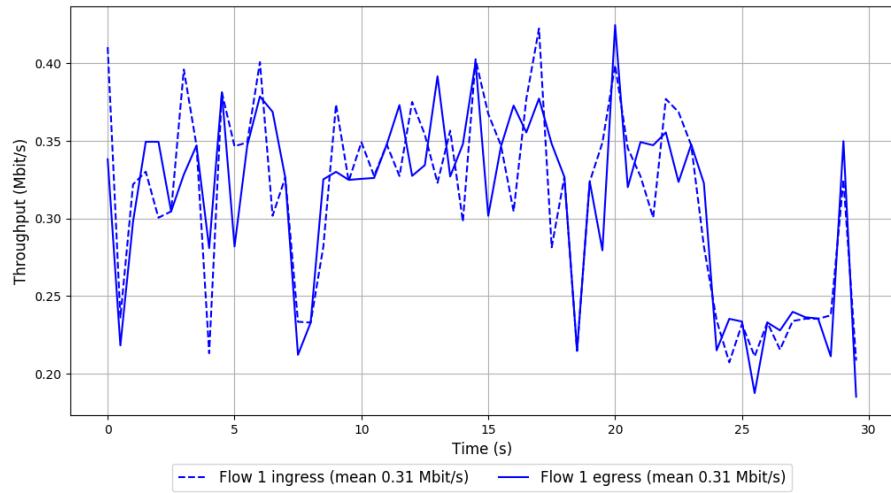


Run 7: Statistics of Sprout

```
Start at: Sun, 16 Jul 2017 23:43:16 +0000
End at: Sun, 16 Jul 2017 23:43:46 +0000
Local clock offset: -2.048 ms
Remote clock offset: 5.251 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 82.047 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 82.047 ms
Loss rate: 0.48%
```

### Run 7: Report of Sprout — Data Link

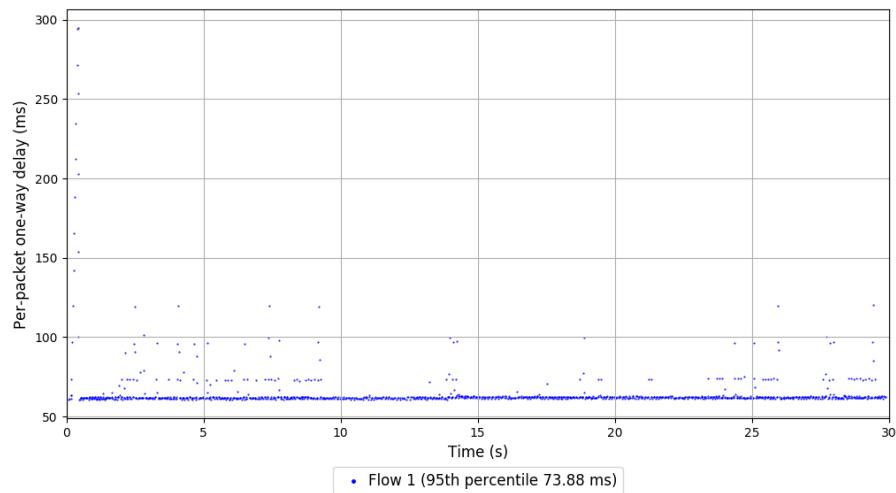
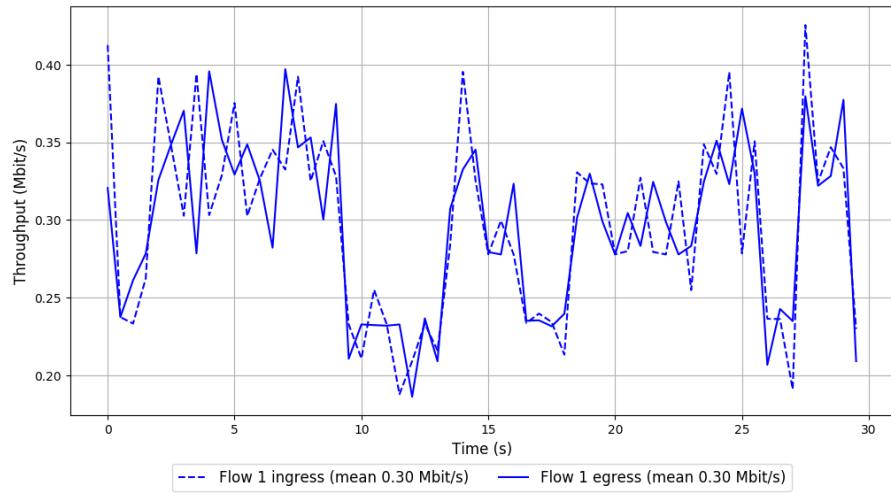


Run 8: Statistics of Sprout

```
Start at: Mon, 17 Jul 2017 00:00:52 +0000
End at: Mon, 17 Jul 2017 00:01:22 +0000
Local clock offset: 1.129 ms
Remote clock offset: 5.629 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 73.878 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 73.878 ms
Loss rate: 0.50%
```

## Run 8: Report of Sprout — Data Link

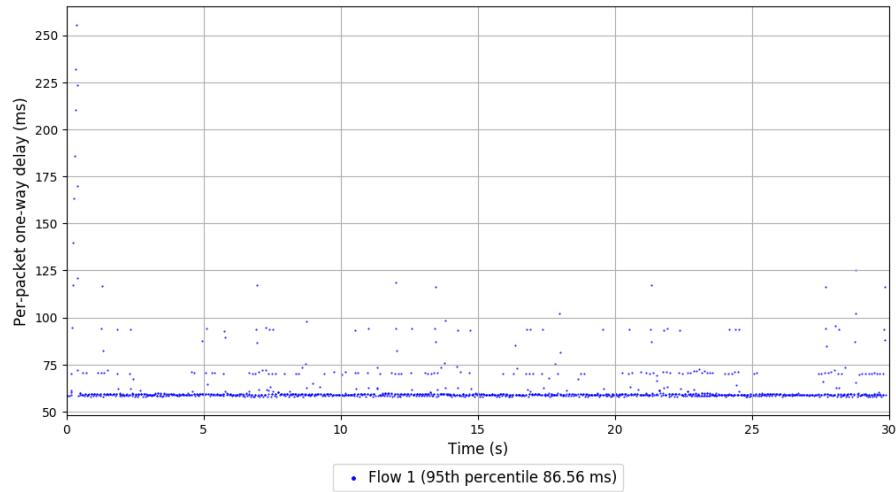
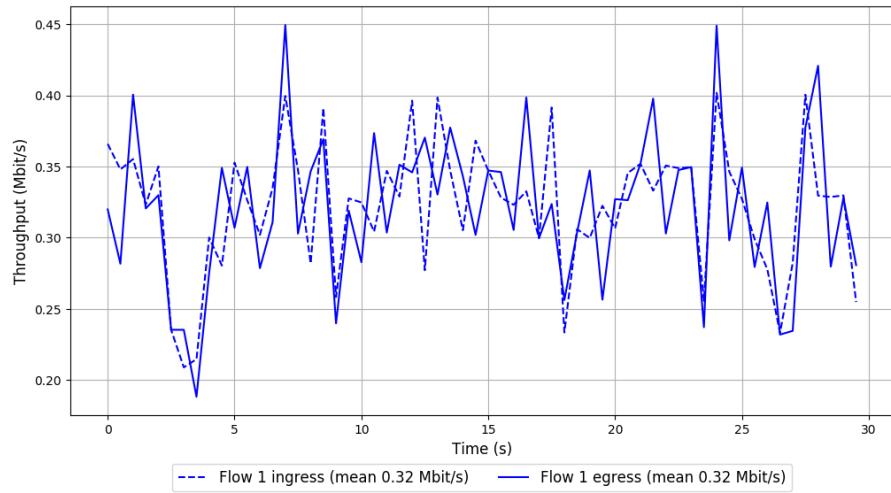


Run 9: Statistics of Sprout

```
Start at: Mon, 17 Jul 2017 00:17:47 +0000
End at: Mon, 17 Jul 2017 00:18:17 +0000
Local clock offset: -1.686 ms
Remote clock offset: 4.221 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 86.564 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 86.564 ms
Loss rate: 0.37%
```

### Run 9: Report of Sprout — Data Link

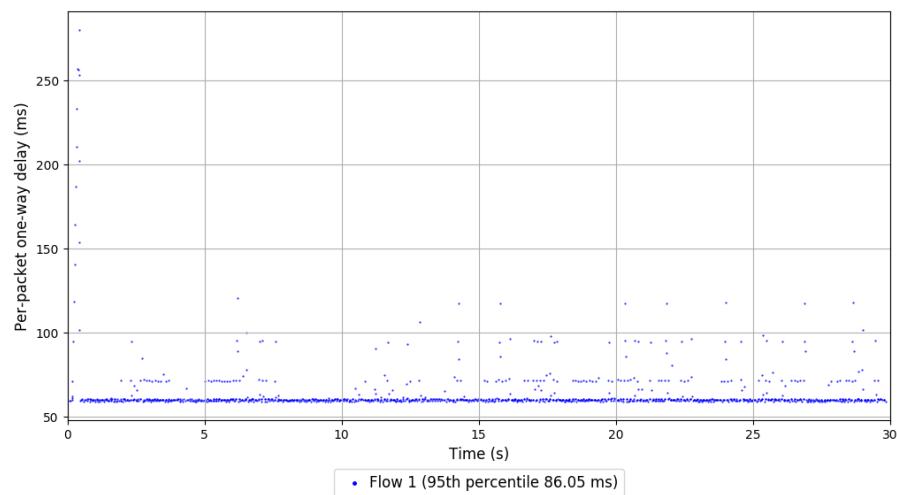
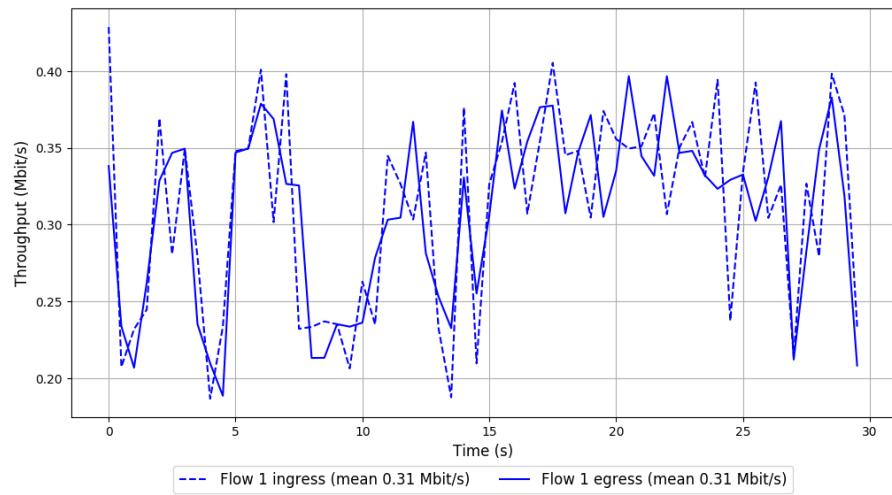


Run 10: Statistics of Sprout

```
Start at: Mon, 17 Jul 2017 00:34:48 +0000
End at: Mon, 17 Jul 2017 00:35:18 +0000
Local clock offset: -1.016 ms
Remote clock offset: 4.288 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 86.049 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 86.049 ms
Loss rate: 0.75%
```

Run 10: Report of Sprout — Data Link

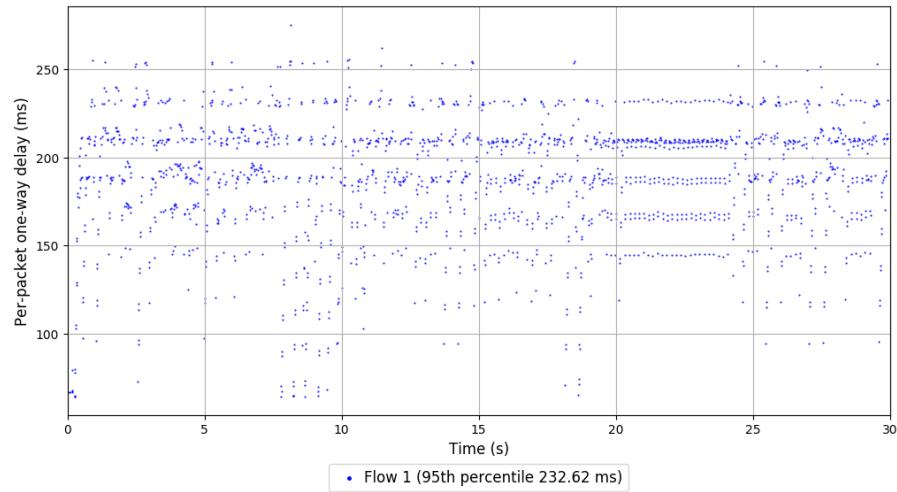
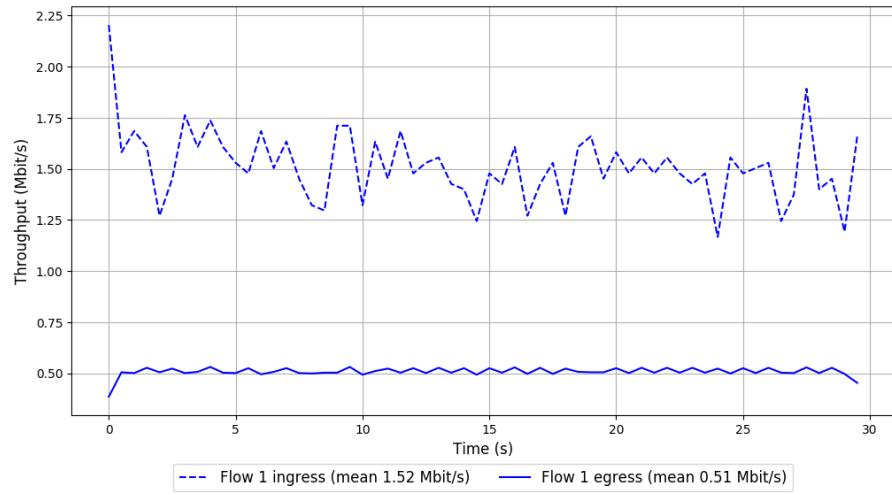


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 22:01:59 +0000
End at: Sun, 16 Jul 2017 22:02:29 +0000
Local clock offset: 1.336 ms
Remote clock offset: 4.007 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.620 ms
Loss rate: 66.42%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.620 ms
Loss rate: 66.42%
```

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

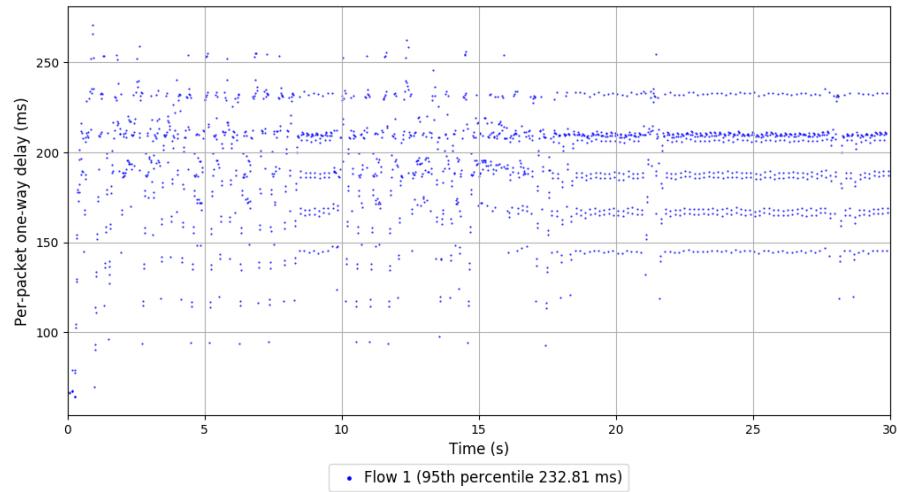
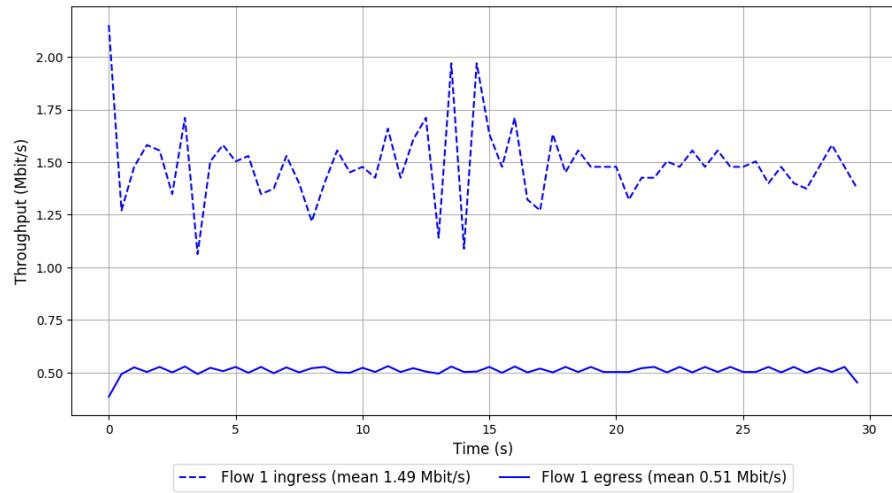


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 22:19:01 +0000
End at: Sun, 16 Jul 2017 22:19:31 +0000
Local clock offset: 1.313 ms
Remote clock offset: 4.079 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:51:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.806 ms
Loss rate: 65.79%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.806 ms
Loss rate: 65.79%
```

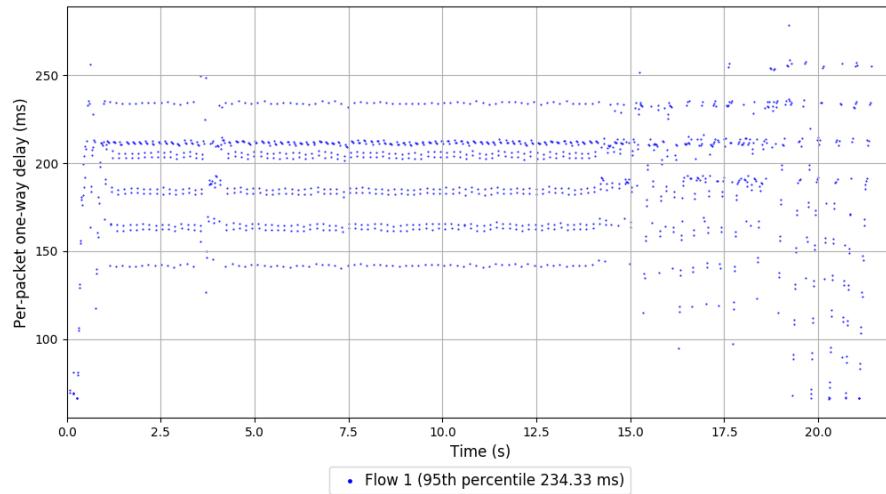
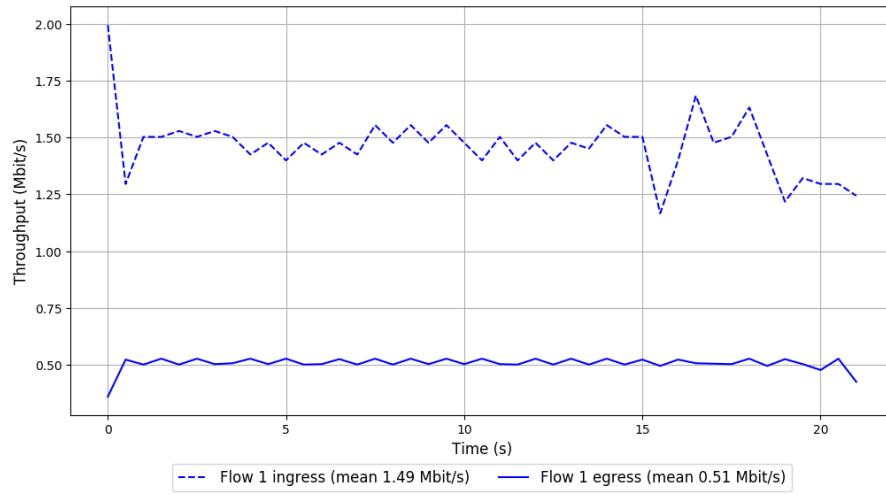
Run 2: Report of TaoVA-100x — Data Link



Run 3: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:36:14 +0000  
End at: Sun, 16 Jul 2017 22:36:44 +0000  
Local clock offset: 1.534 ms  
Remote clock offset: 3.165 ms

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

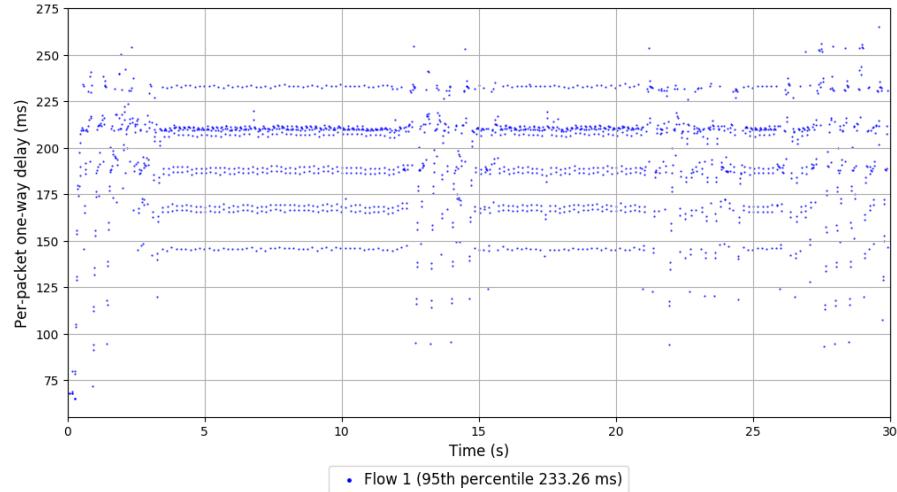
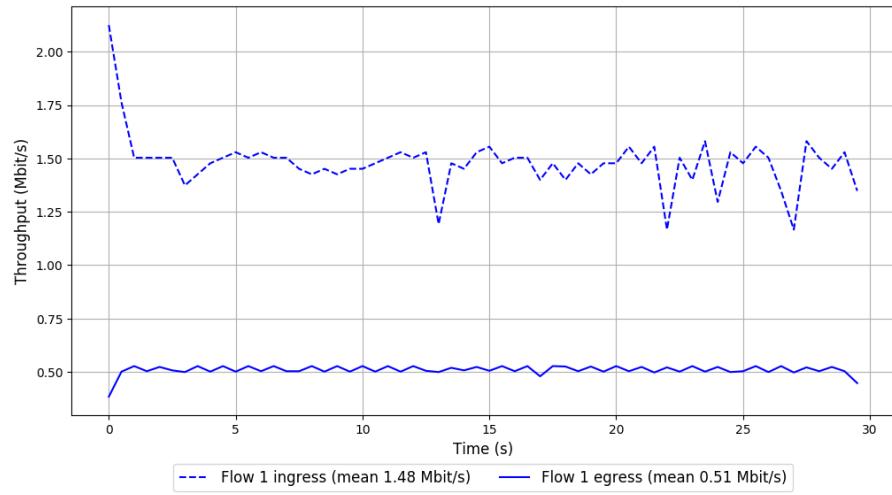


Run 4: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 22:53:13 +0000
End at: Sun, 16 Jul 2017 22:53:43 +0000
Local clock offset: 1.37 ms
Remote clock offset: 3.664 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 233.262 ms
Loss rate: 65.63%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 233.262 ms
Loss rate: 65.63%
```

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

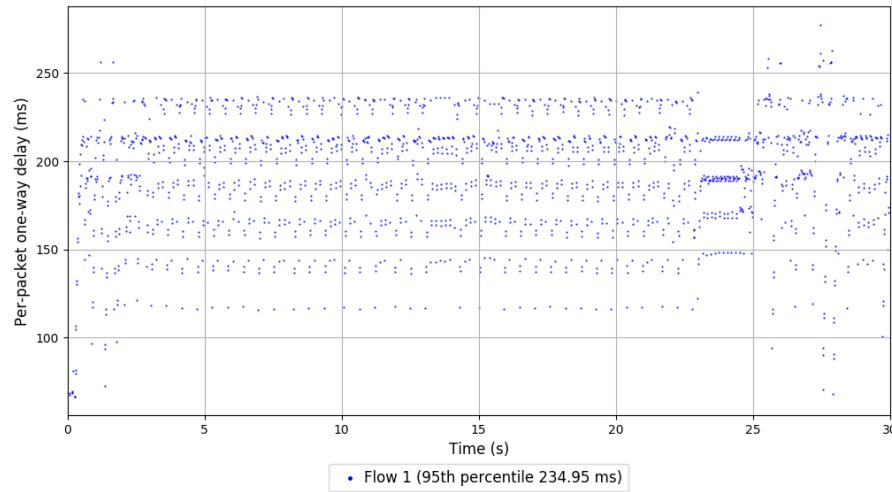
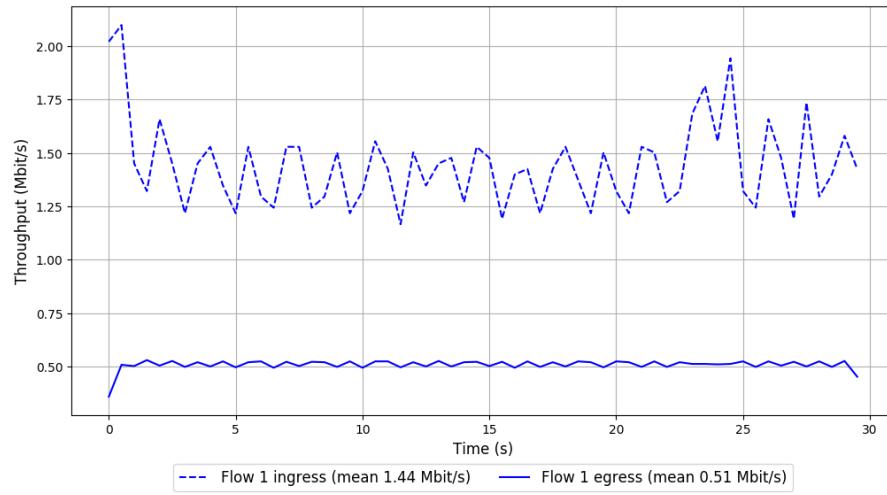


Run 5: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 23:10:21 +0000
End at: Sun, 16 Jul 2017 23:10:51 +0000
Local clock offset: 1.177 ms
Remote clock offset: 3.56 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 234.947 ms
Loss rate: 64.67%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 234.947 ms
Loss rate: 64.67%
```

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

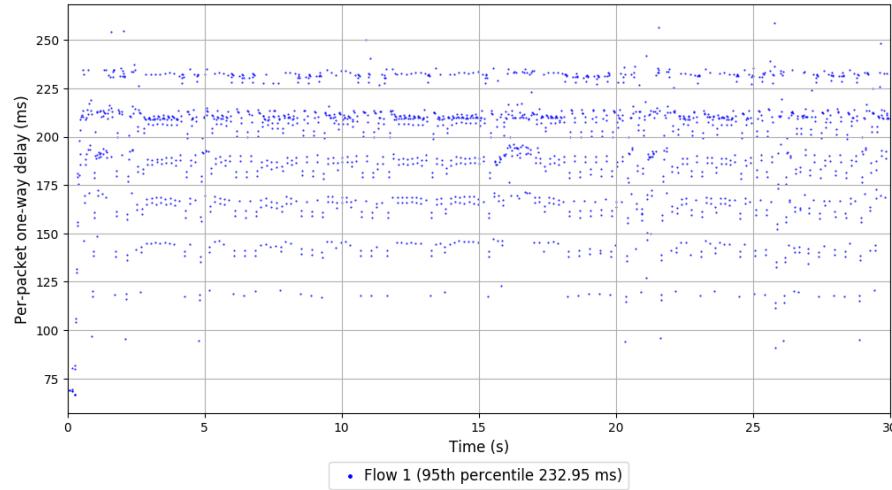
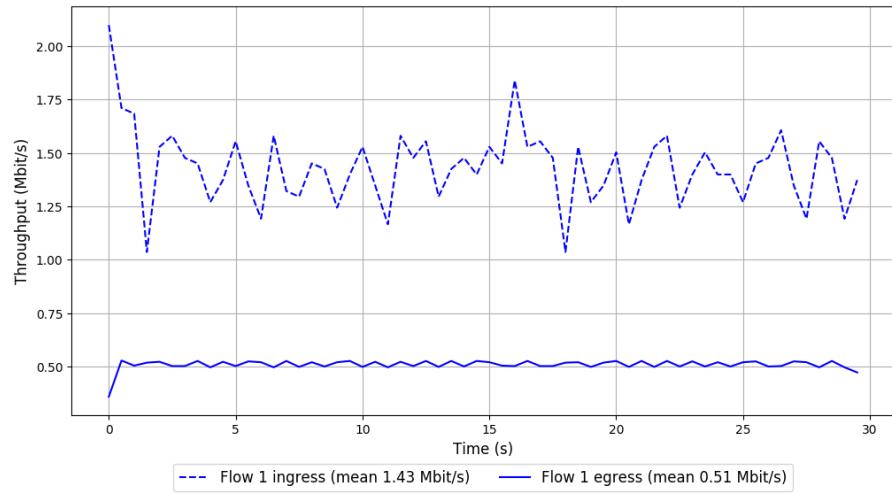


Run 6: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 23:27:26 +0000
End at: Sun, 16 Jul 2017 23:27:56 +0000
Local clock offset: 0.605 ms
Remote clock offset: 3.557 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.947 ms
Loss rate: 64.42%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.947 ms
Loss rate: 64.42%
```

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

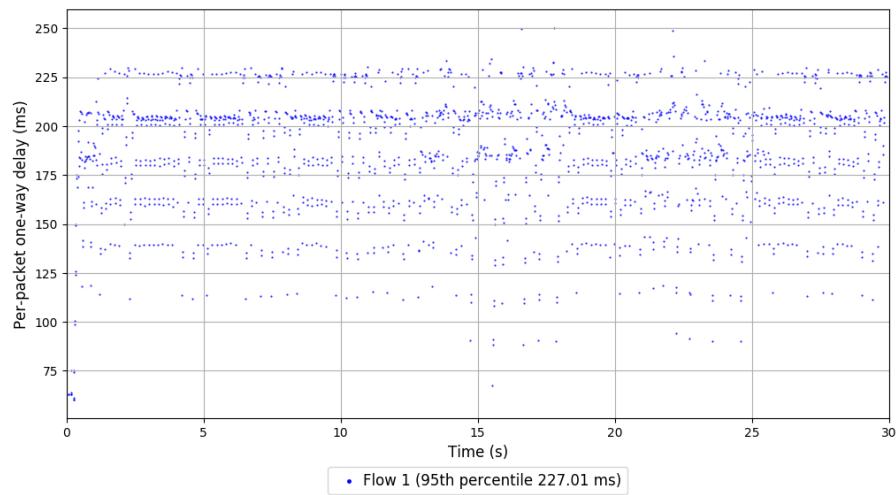
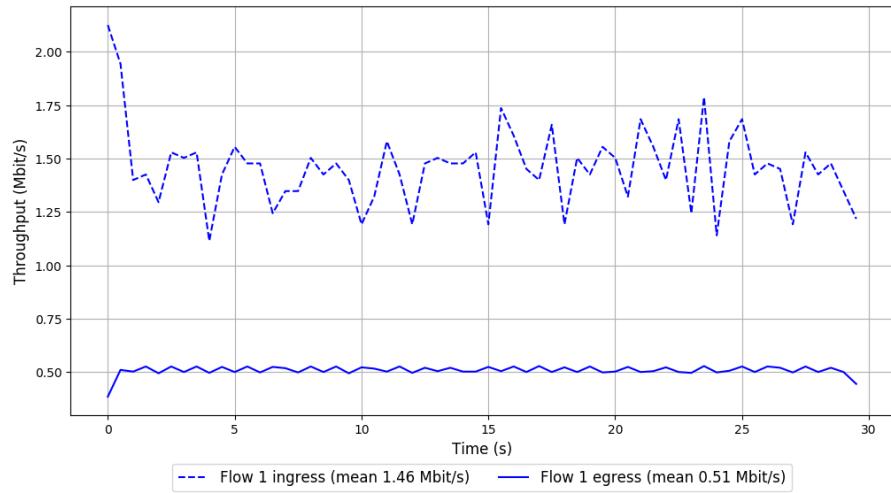


Run 7: Statistics of TaoVA-100x

```
Start at: Sun, 16 Jul 2017 23:44:28 +0000
End at: Sun, 16 Jul 2017 23:44:58 +0000
Local clock offset: -1.009 ms
Remote clock offset: 4.193 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 227.007 ms
Loss rate: 65.17%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 227.007 ms
Loss rate: 65.17%
```

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

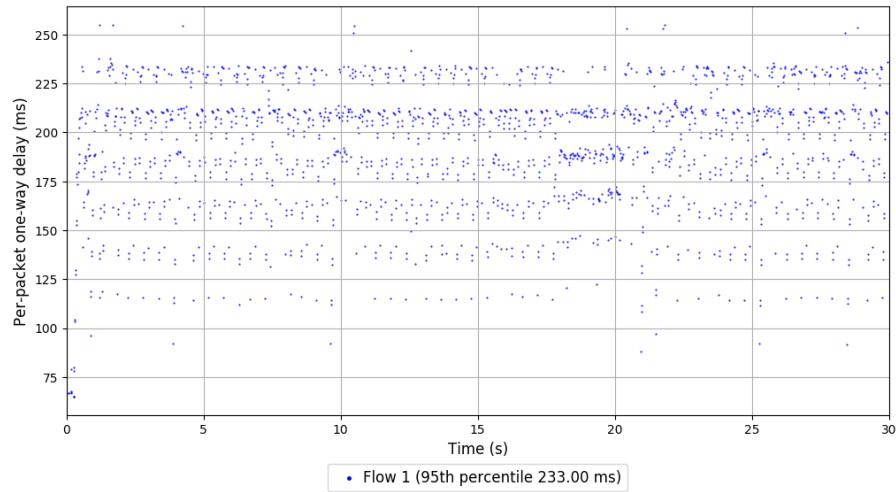
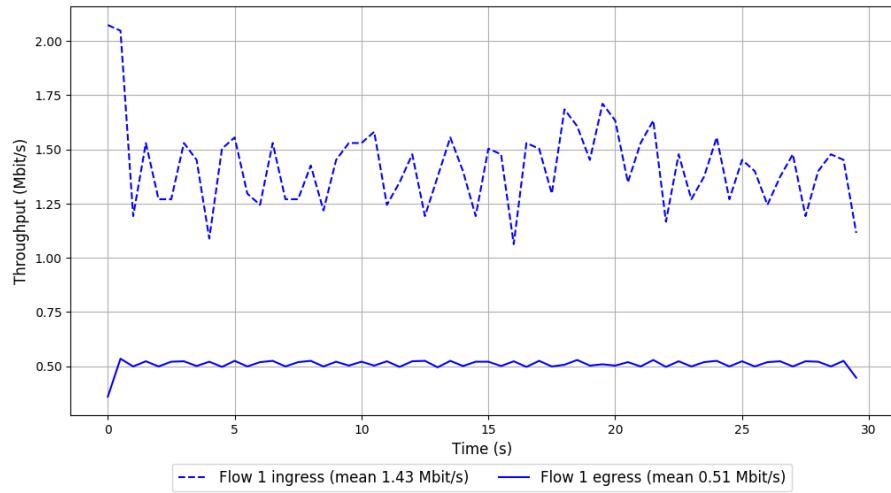


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 17 Jul 2017 00:02:05 +0000
End at: Mon, 17 Jul 2017 00:02:35 +0000
Local clock offset: 1.747 ms
Remote clock offset: 3.35 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.998 ms
Loss rate: 64.22%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.998 ms
Loss rate: 64.22%
```

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

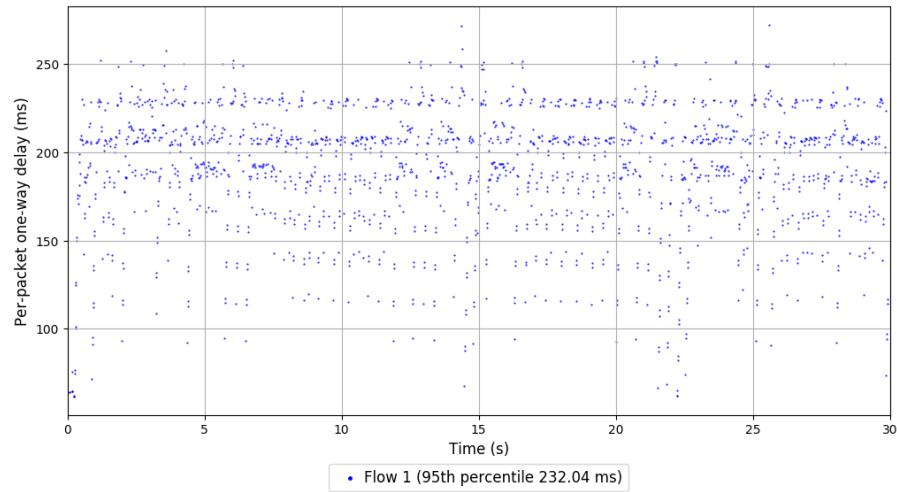
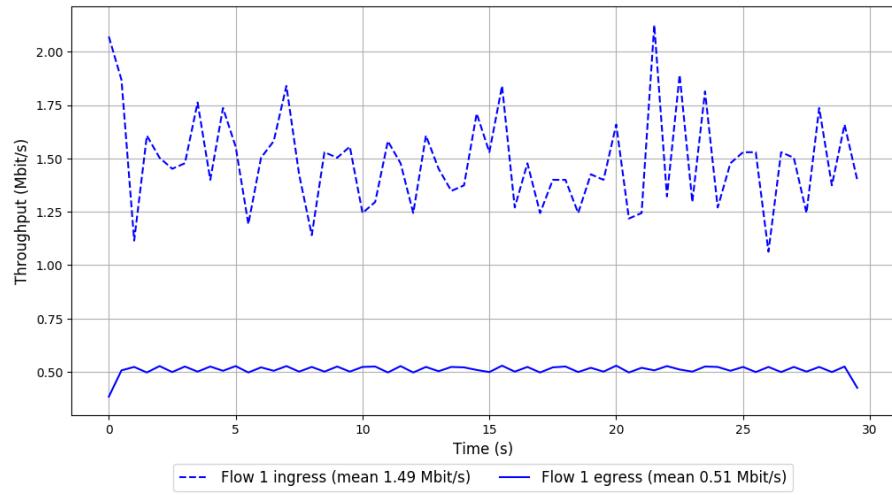


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 17 Jul 2017 00:19:00 +0000
End at: Mon, 17 Jul 2017 00:19:30 +0000
Local clock offset: 0.225 ms
Remote clock offset: 3.596 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.042 ms
Loss rate: 65.79%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.042 ms
Loss rate: 65.79%
```

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

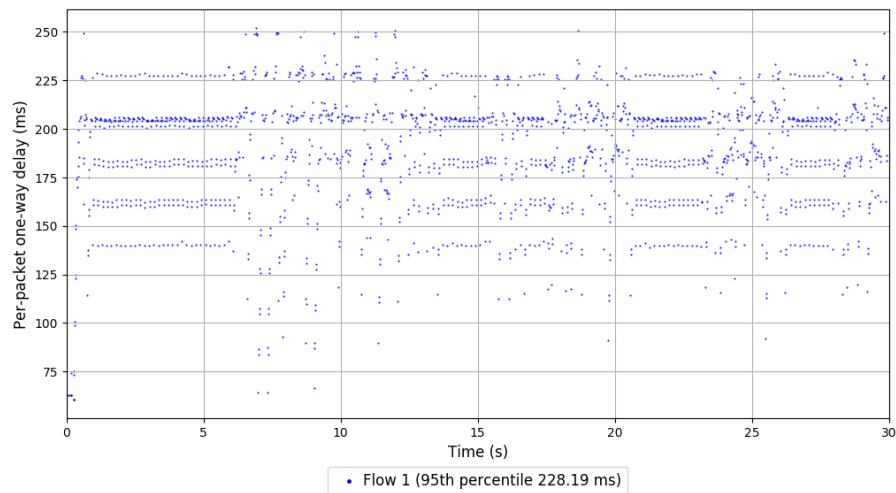
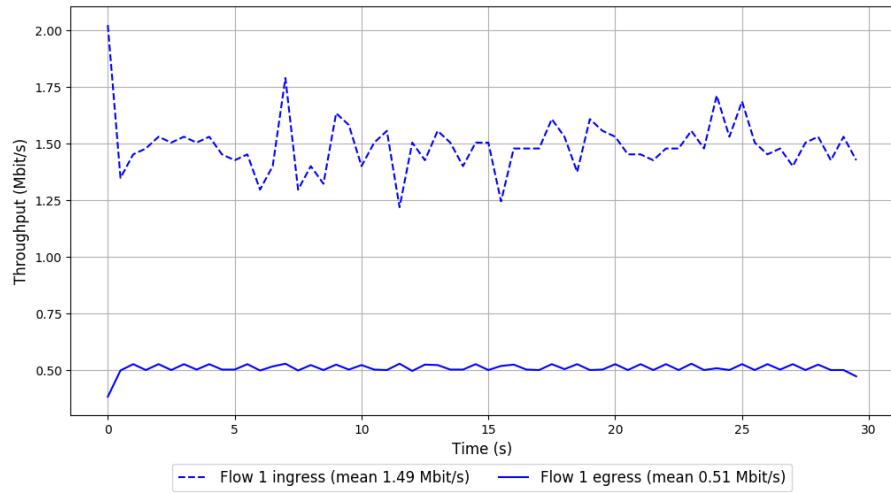


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 17 Jul 2017 00:36:00 +0000
End at: Mon, 17 Jul 2017 00:36:30 +0000
Local clock offset: -1.182 ms
Remote clock offset: 3.902 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 228.192 ms
Loss rate: 65.82%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 228.192 ms
Loss rate: 65.82%
```

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

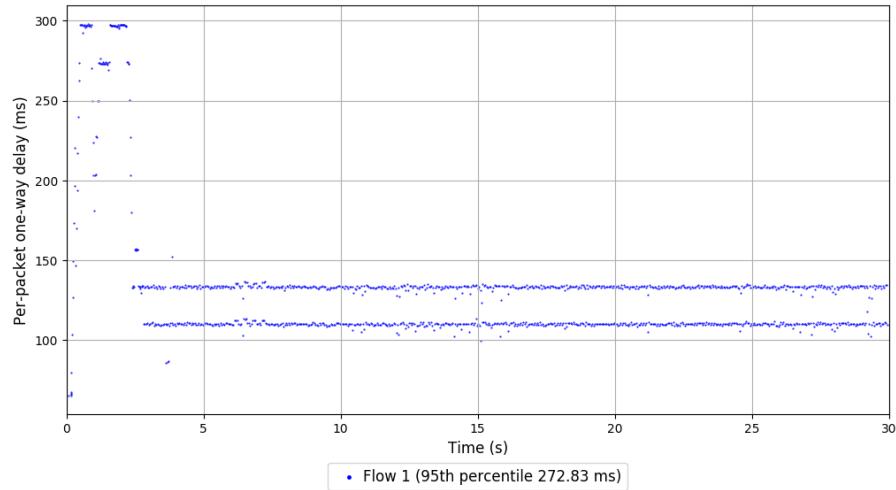
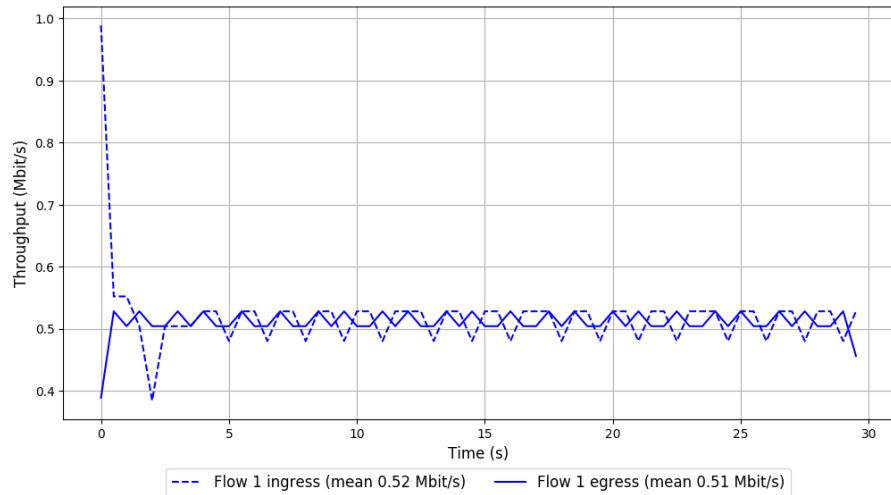


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 22:11:43 +0000
End at: Sun, 16 Jul 2017 22:12:13 +0000
Local clock offset: 1.594 ms
Remote clock offset: 4.341 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 272.834 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 272.834 ms
Loss rate: 1.77%
```

Run 1: Report of TCP Vegas — Data Link

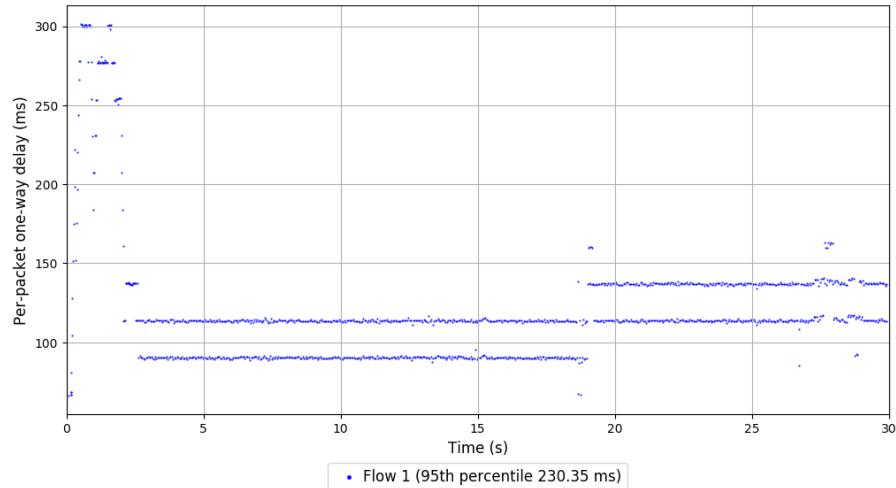
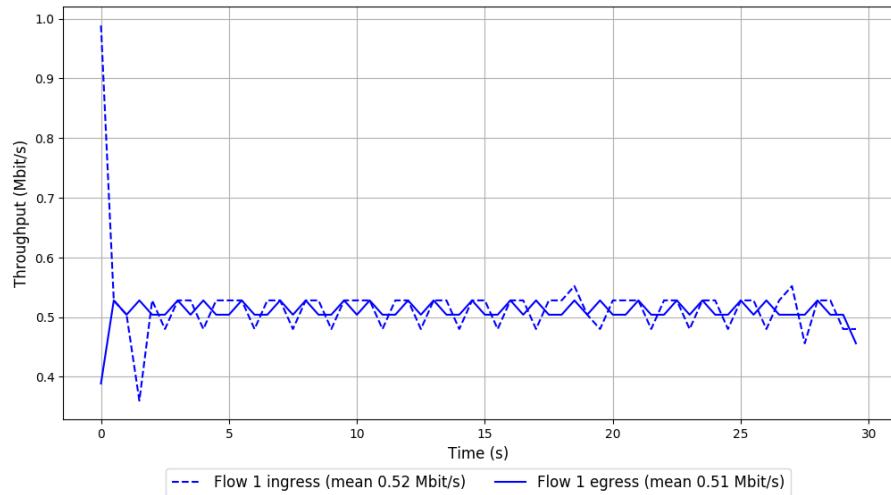


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 22:28:58 +0000
End at: Sun, 16 Jul 2017 22:29:28 +0000
Local clock offset: 3.189 ms
Remote clock offset: 3.284 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 230.351 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 230.351 ms
Loss rate: 1.54%
```

## Run 2: Report of TCP Vegas — Data Link

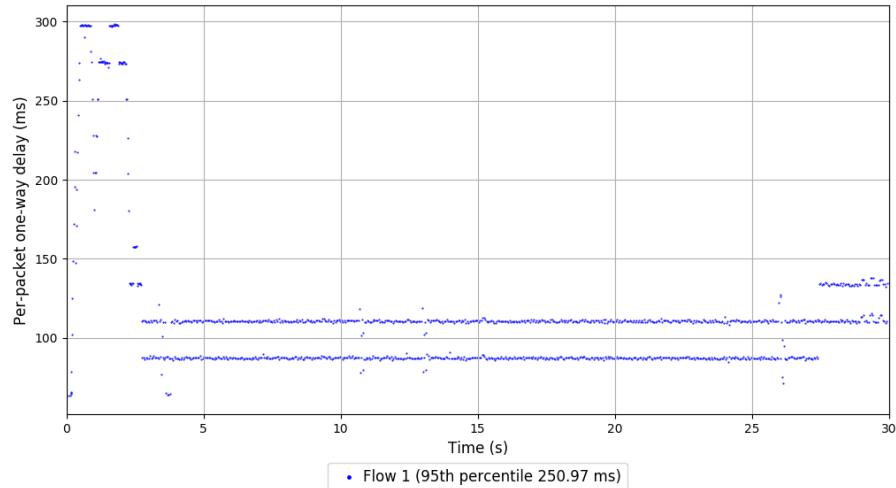
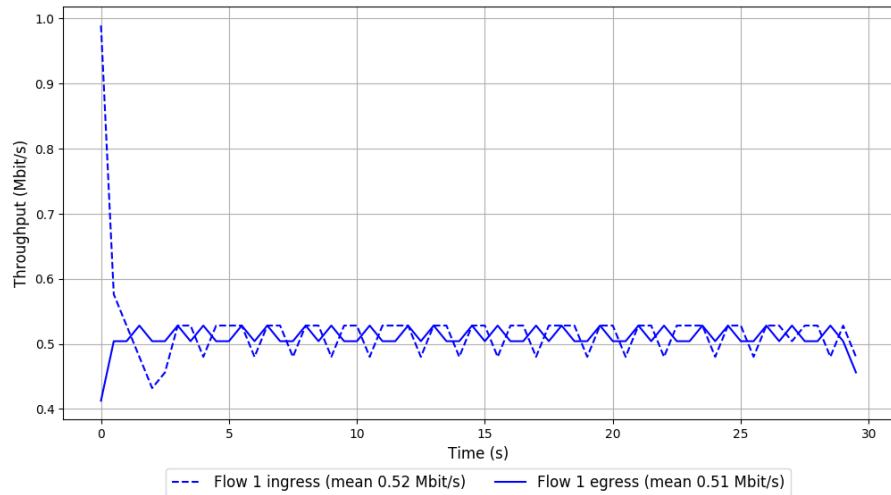


Run 3: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 22:45:58 +0000
End at: Sun, 16 Jul 2017 22:46:28 +0000
Local clock offset: 0.646 ms
Remote clock offset: 4.003 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 250.971 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 250.971 ms
Loss rate: 1.77%
```

### Run 3: Report of TCP Vegas — Data Link

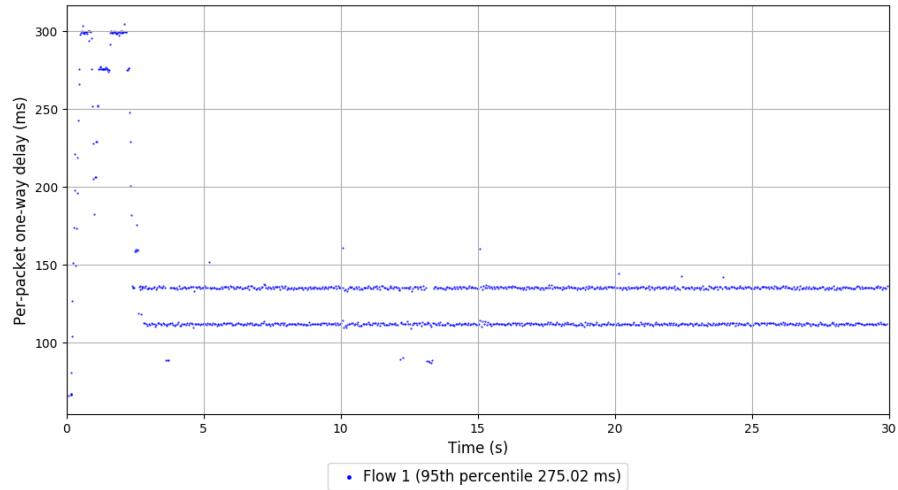
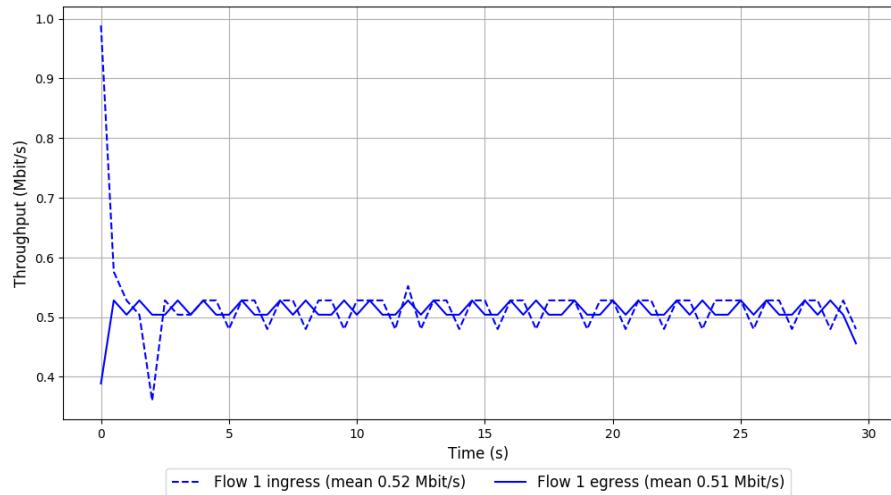


Run 4: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 23:03:07 +0000
End at: Sun, 16 Jul 2017 23:03:37 +0000
Local clock offset: 1.897 ms
Remote clock offset: 3.905 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 275.025 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 275.025 ms
Loss rate: 1.69%
```

### Run 4: Report of TCP Vegas — Data Link

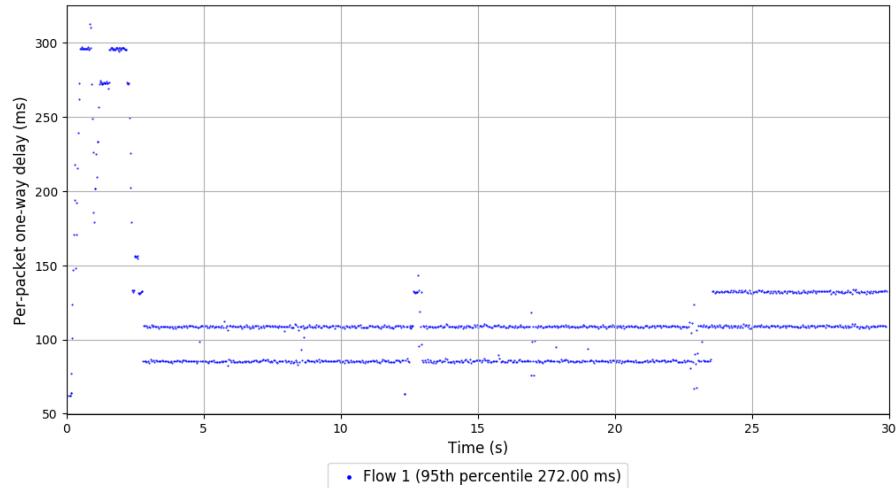
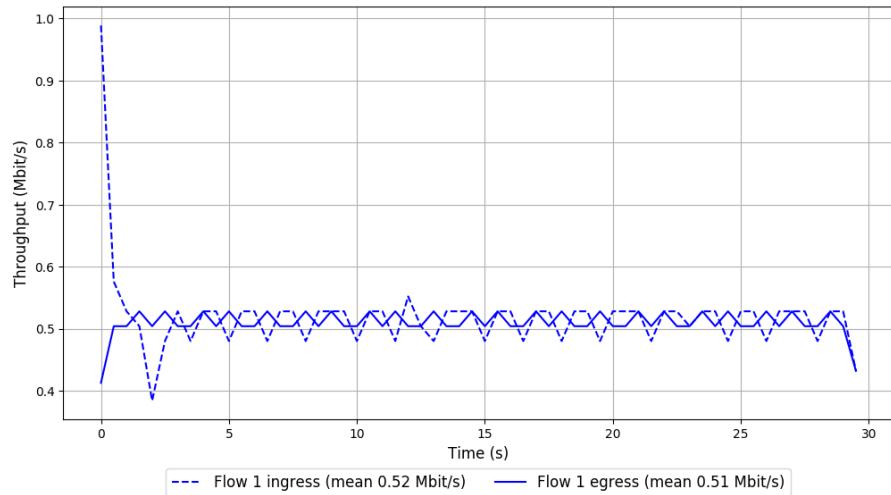


Run 5: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 23:20:10 +0000
End at: Sun, 16 Jul 2017 23:20:40 +0000
Local clock offset: -1.514 ms
Remote clock offset: 3.876 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 272.000 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 272.000 ms
Loss rate: 1.70%
```

### Run 5: Report of TCP Vegas — Data Link

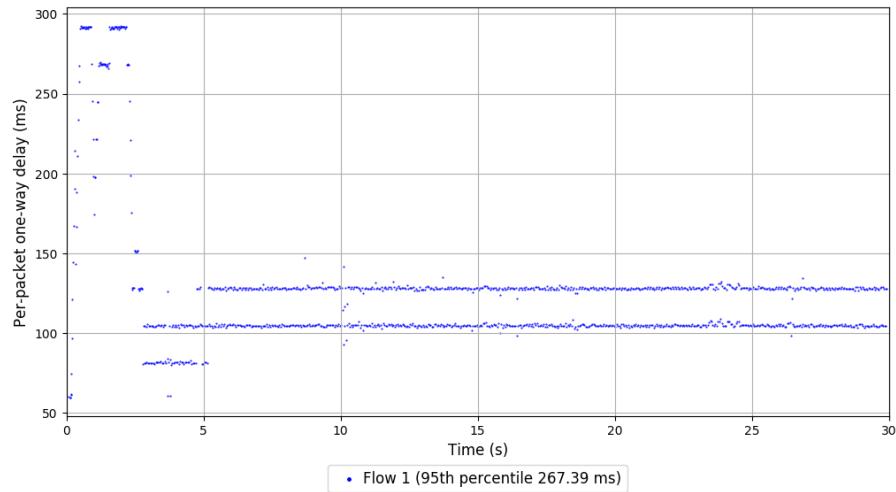
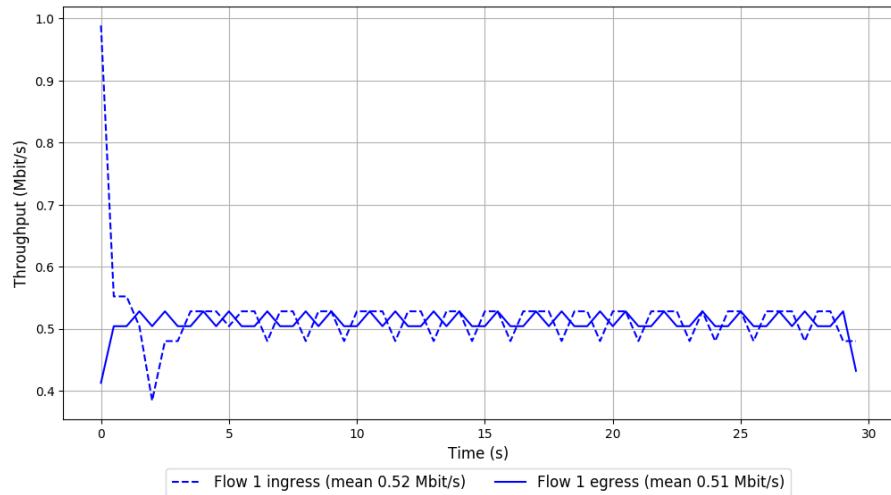


Run 6: Statistics of TCP Vegas

```
Start at: Sun, 16 Jul 2017 23:37:13 +0000
End at: Sun, 16 Jul 2017 23:37:43 +0000
Local clock offset: -1.59 ms
Remote clock offset: 3.936 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.392 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.392 ms
Loss rate: 1.70%
```

### Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:54:44 +0000

End at: Sun, 16 Jul 2017 23:55:14 +0000

Local clock offset: -1.781 ms

Remote clock offset: 3.395 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 226.016 ms

Loss rate: 1.70%

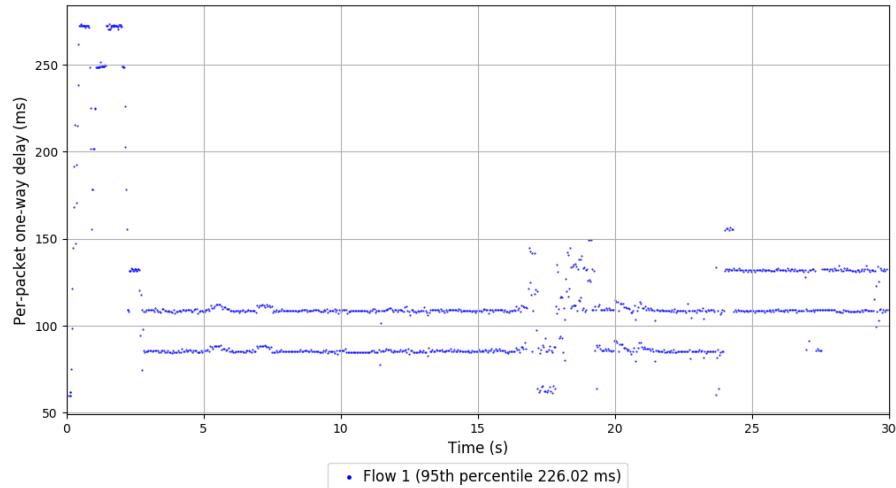
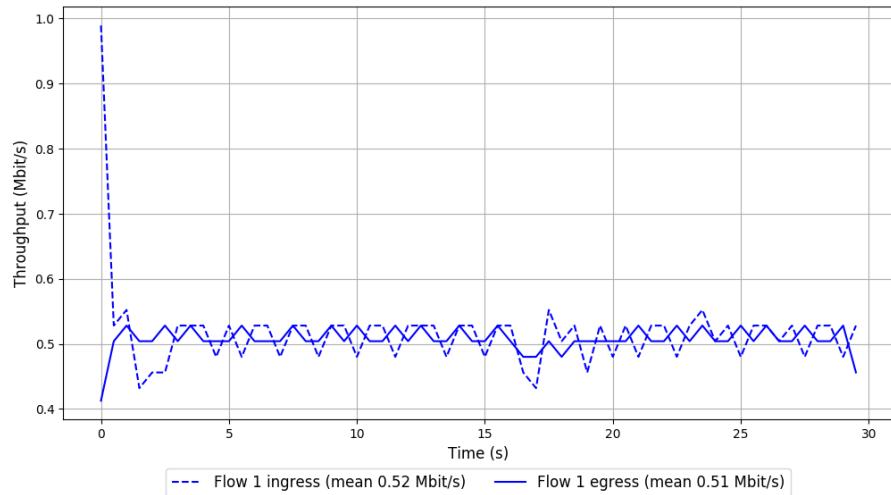
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 226.016 ms

Loss rate: 1.70%

### Run 7: Report of TCP Vegas — Data Link

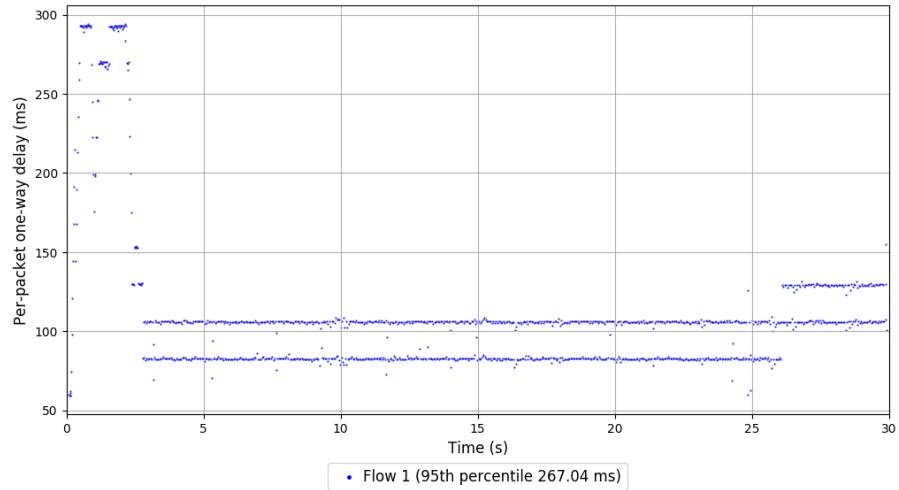
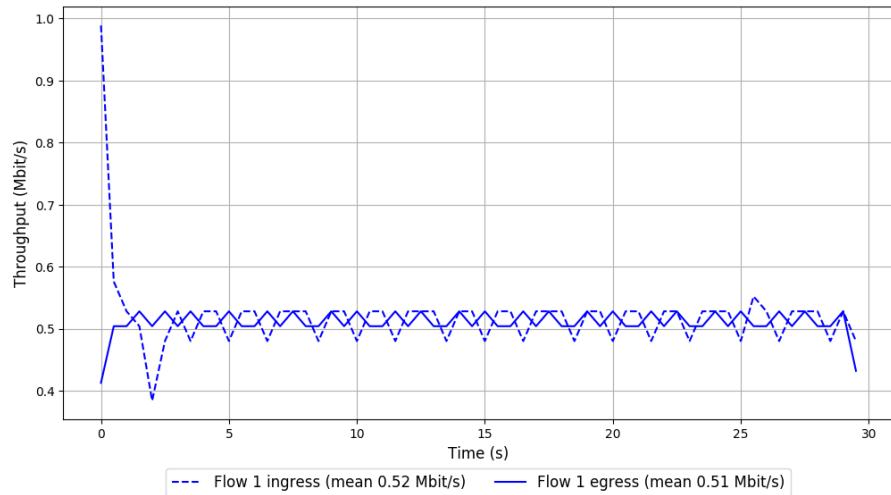


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 17 Jul 2017 00:11:47 +0000
End at: Mon, 17 Jul 2017 00:12:17 +0000
Local clock offset: -1.343 ms
Remote clock offset: 3.636 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.037 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.037 ms
Loss rate: 1.77%
```

Run 8: Report of TCP Vegas — Data Link

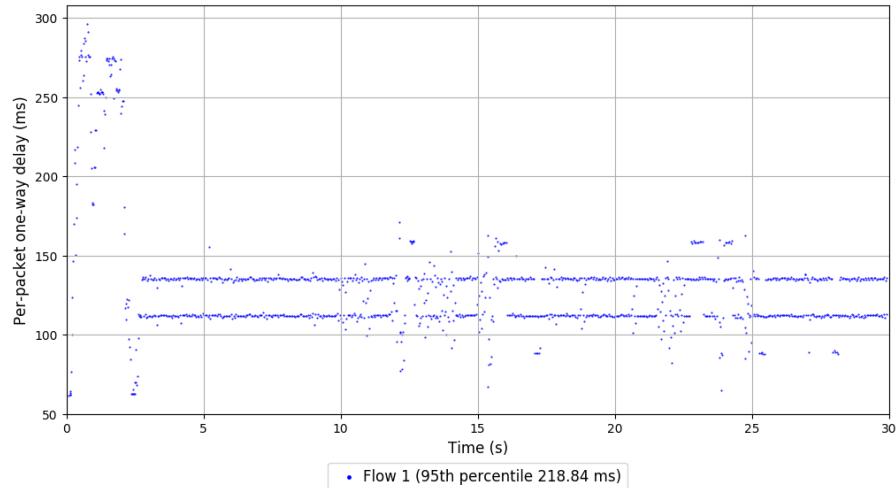
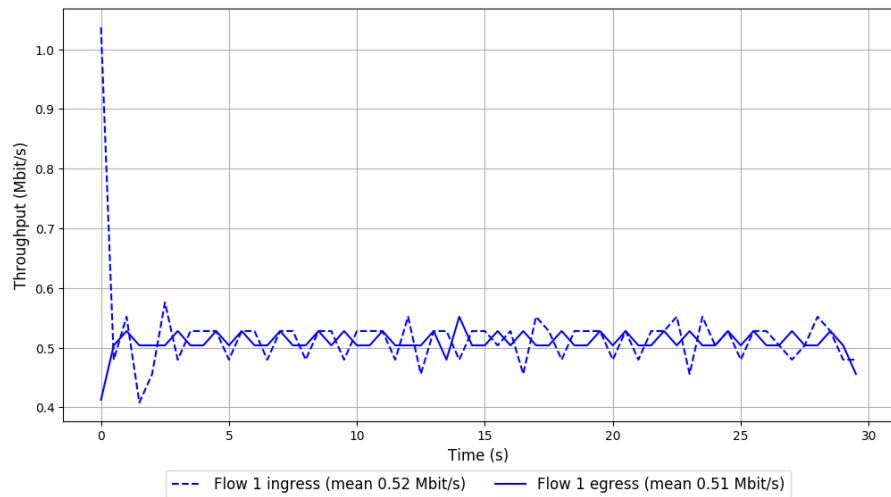


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 17 Jul 2017 00:28:47 +0000
End at: Mon, 17 Jul 2017 00:29:17 +0000
Local clock offset: 1.683 ms
Remote clock offset: 3.932 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 218.835 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 218.835 ms
Loss rate: 1.77%
```

### Run 9: Report of TCP Vegas — Data Link

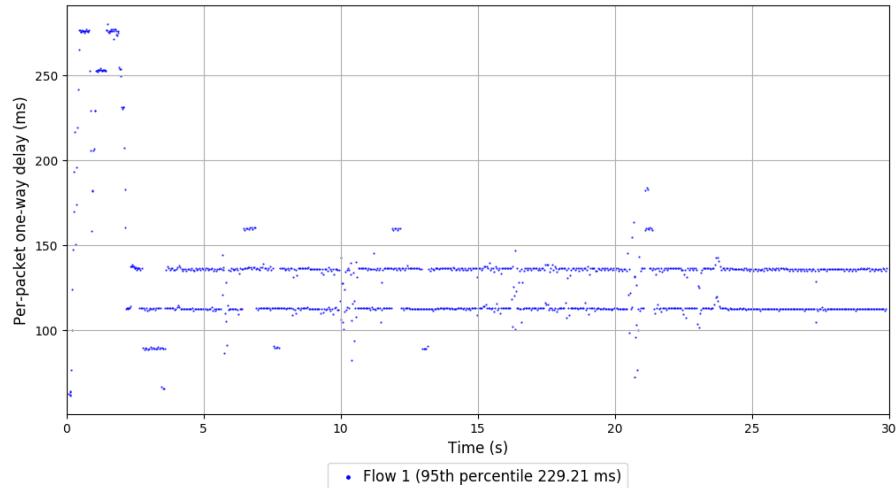
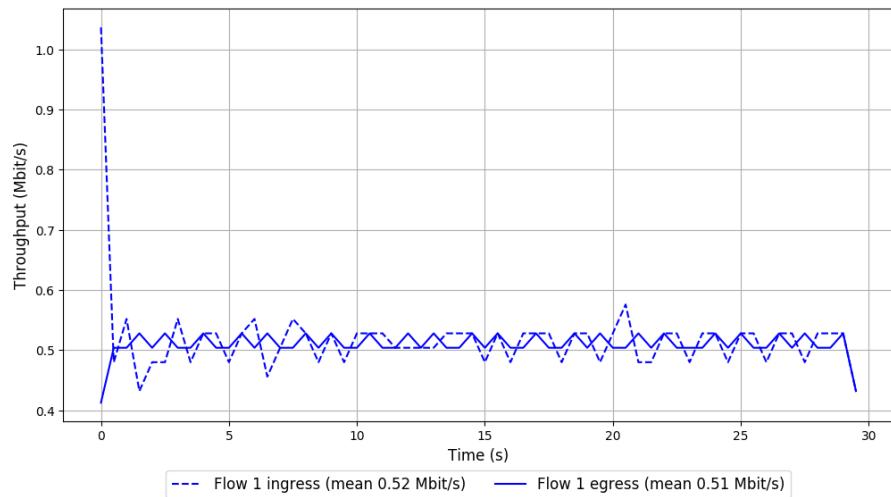


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 17 Jul 2017 00:45:51 +0000
End at: Mon, 17 Jul 2017 00:46:21 +0000
Local clock offset: 0.863 ms
Remote clock offset: 4.098 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 229.212 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 229.212 ms
Loss rate: 1.70%
```

Run 10: Report of TCP Vegas — Data Link

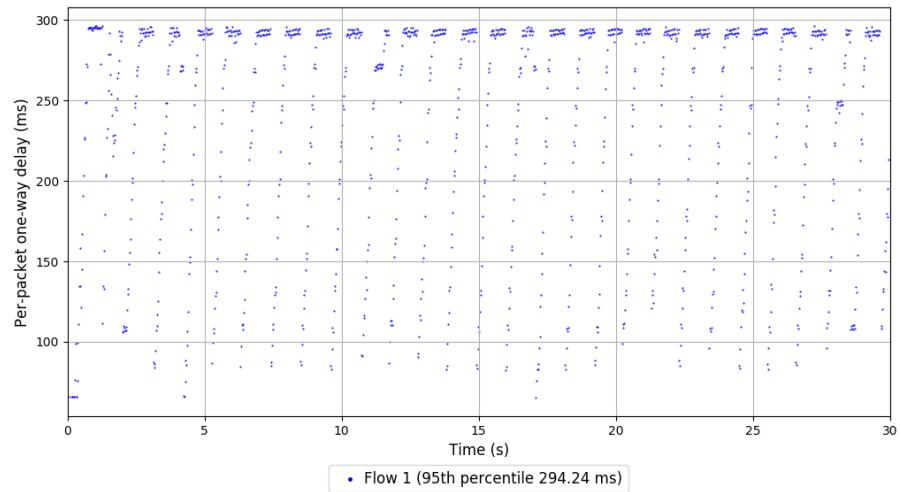
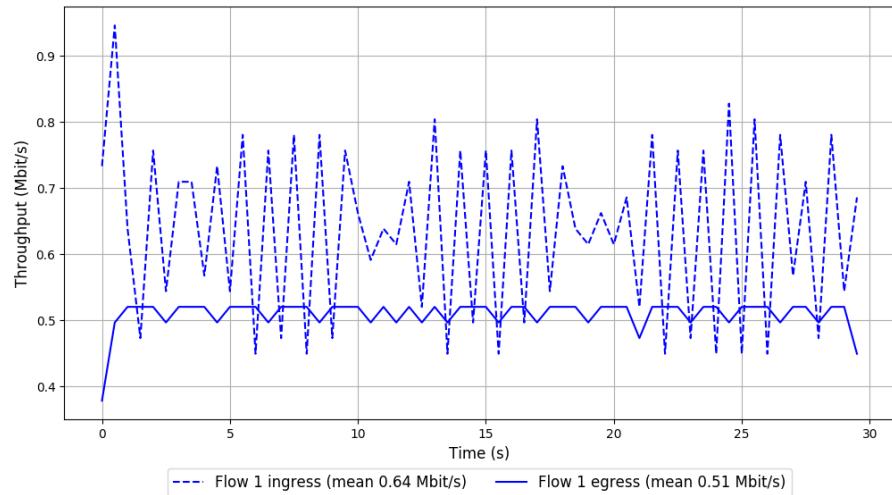


Run 1: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 22:12:56 +0000
End at: Sun, 16 Jul 2017 22:13:26 +0000
Local clock offset: 1.32 ms
Remote clock offset: 3.494 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.242 ms
Loss rate: 20.19%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 294.242 ms
Loss rate: 20.19%
```

Run 1: Report of Verus — Data Link

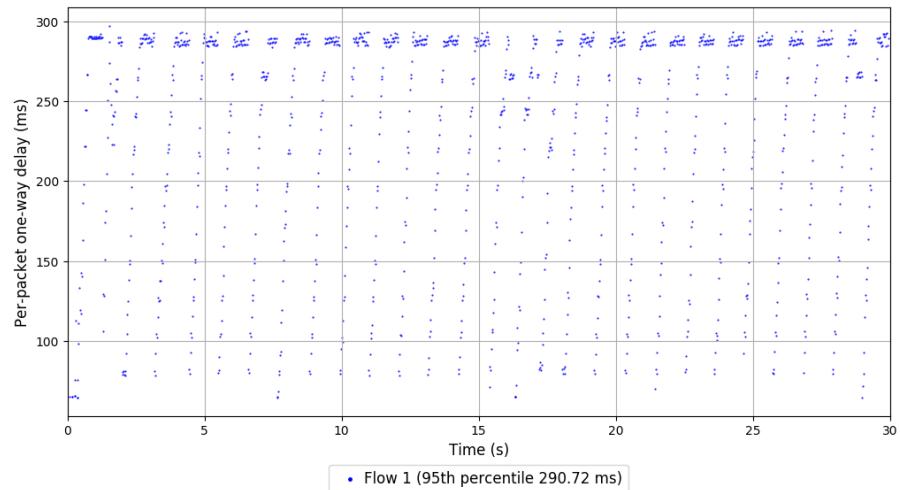
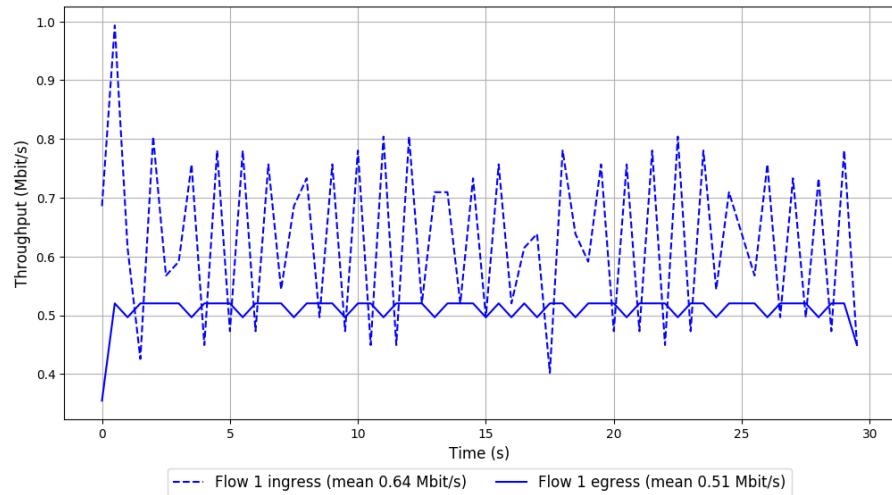


Run 2: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 22:30:10 +0000
End at: Sun, 16 Jul 2017 22:30:40 +0000
Local clock offset: 1.357 ms
Remote clock offset: 3.824 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 290.721 ms
Loss rate: 19.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 290.721 ms
Loss rate: 19.23%
```

## Run 2: Report of Verus — Data Link

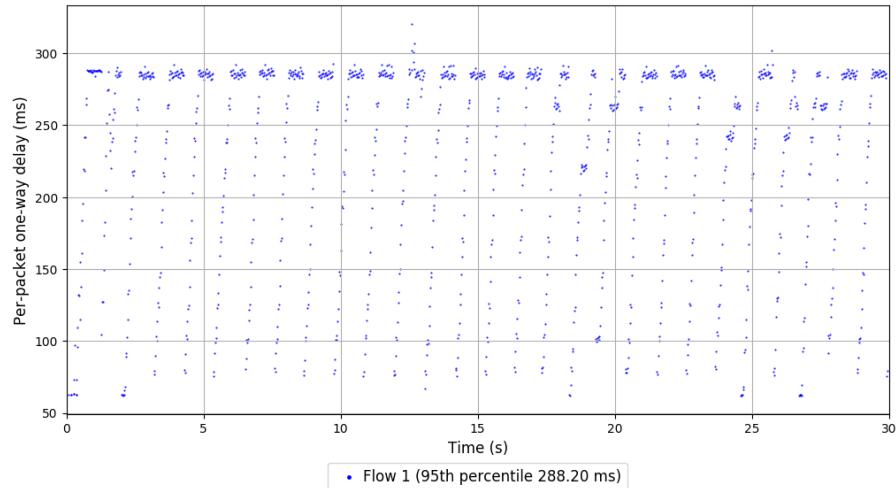
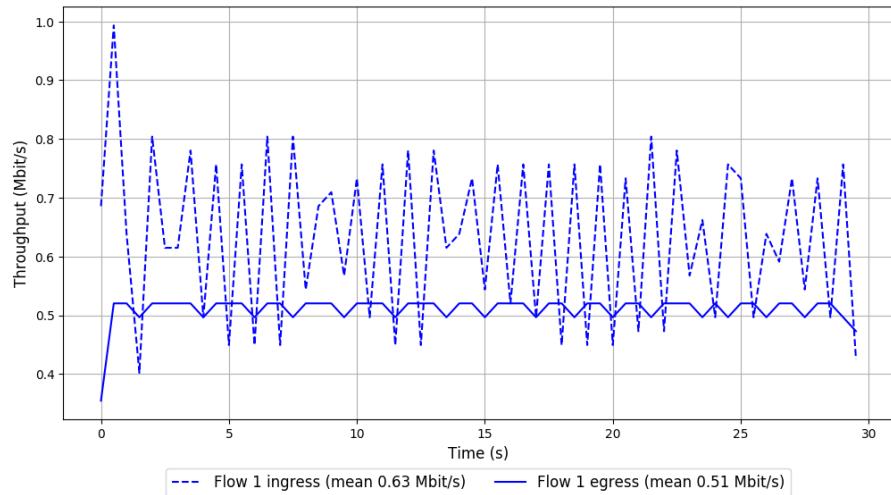


Run 3: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 22:47:12 +0000
End at: Sun, 16 Jul 2017 22:47:42 +0000
Local clock offset: -0.917 ms
Remote clock offset: 4.278 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 288.204 ms
Loss rate: 19.53%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 288.204 ms
Loss rate: 19.53%
```

### Run 3: Report of Verus — Data Link

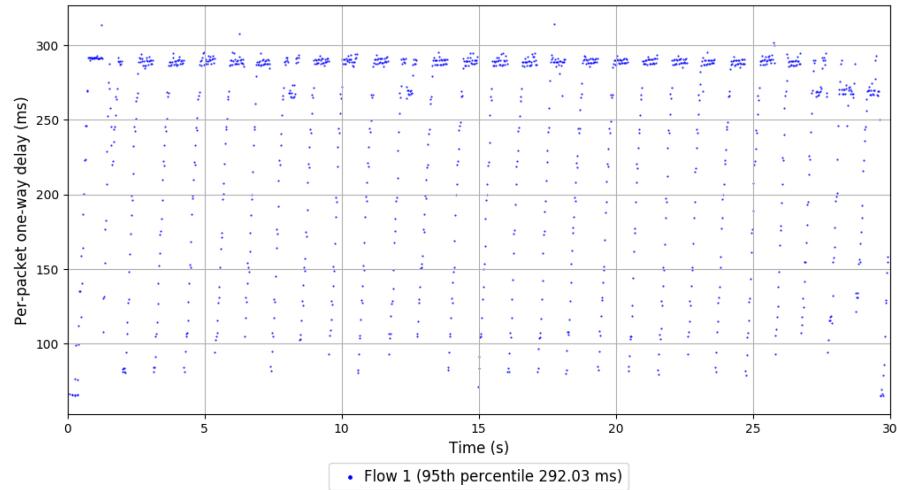
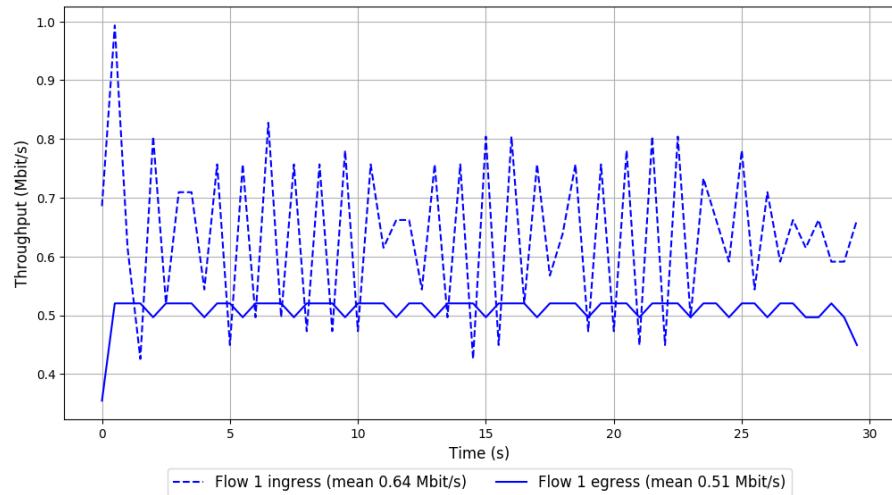


Run 4: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 23:04:19 +0000
End at: Sun, 16 Jul 2017 23:04:49 +0000
Local clock offset: 0.846 ms
Remote clock offset: 4.797 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 292.026 ms
Loss rate: 20.28%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 292.026 ms
Loss rate: 20.28%
```

### Run 4: Report of Verus — Data Link

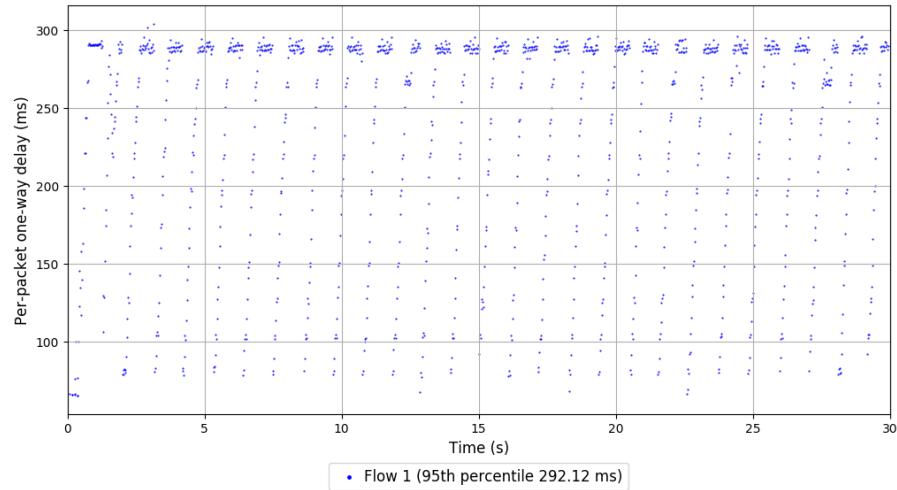
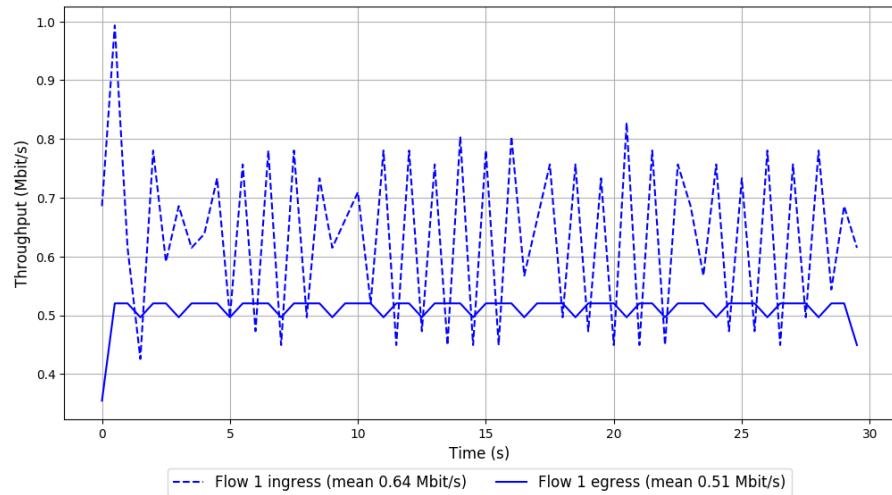


Run 5: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 23:21:23 +0000
End at: Sun, 16 Jul 2017 23:21:53 +0000
Local clock offset: 0.338 ms
Remote clock offset: 3.156 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 292.125 ms
Loss rate: 19.76%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 292.125 ms
Loss rate: 19.76%
```

### Run 5: Report of Verus — Data Link

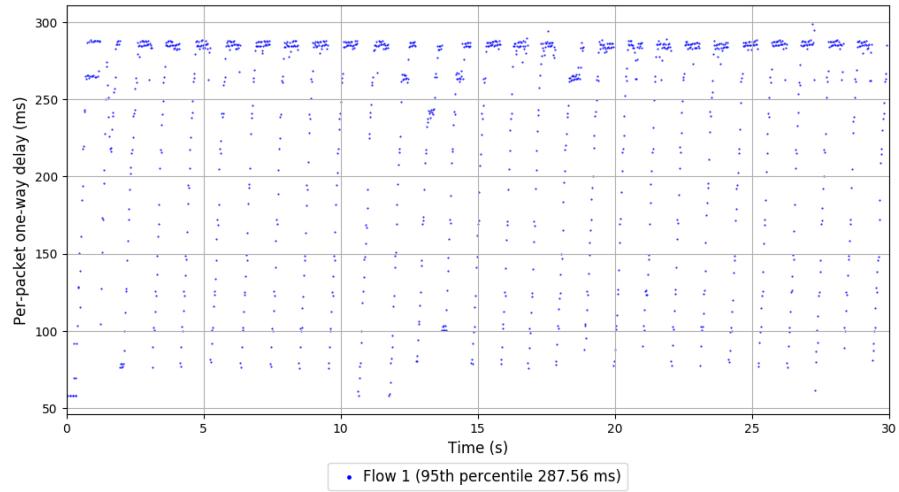
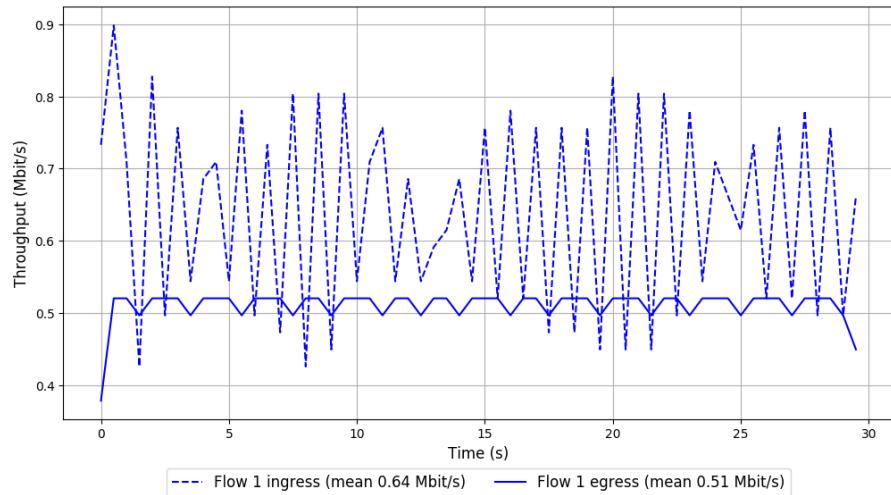


Run 6: Statistics of Verus

```
Start at: Sun, 16 Jul 2017 23:38:25 +0000
End at: Sun, 16 Jul 2017 23:38:55 +0000
Local clock offset: -1.889 ms
Remote clock offset: 5.859 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 287.563 ms
Loss rate: 20.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 287.563 ms
Loss rate: 20.31%
```

### Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:55:56 +0000

End at: Sun, 16 Jul 2017 23:56:26 +0000

Local clock offset: 0.203 ms

Remote clock offset: 3.867 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.935 ms

Loss rate: 21.72%

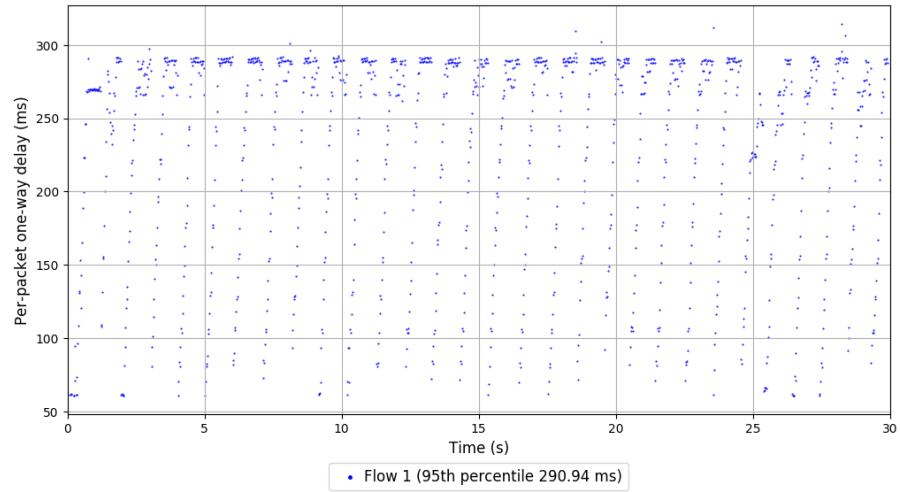
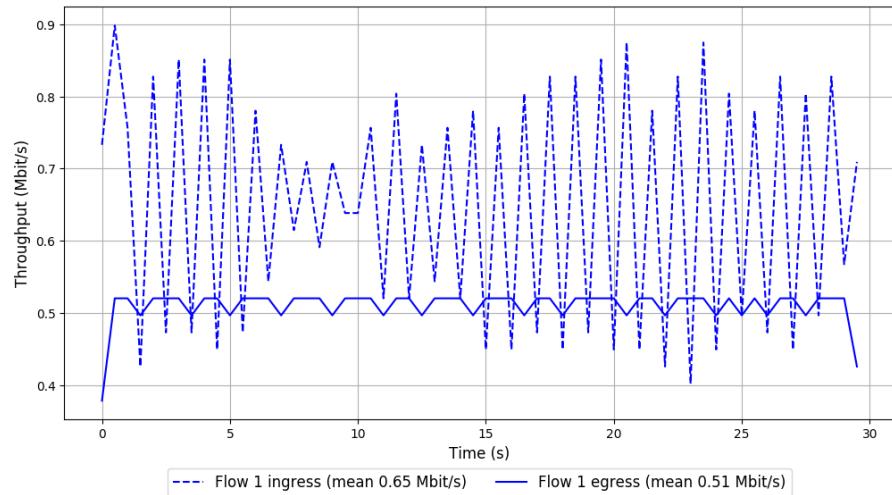
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.935 ms

Loss rate: 21.72%

### Run 7: Report of Verus — Data Link

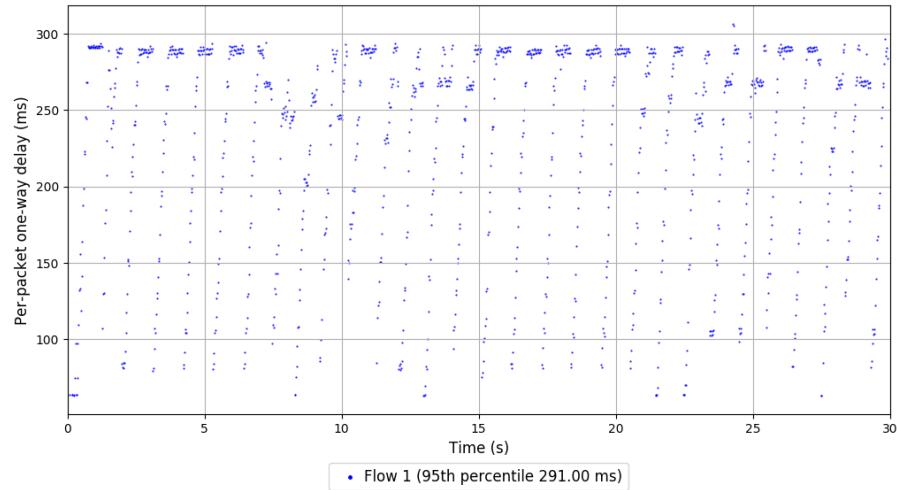
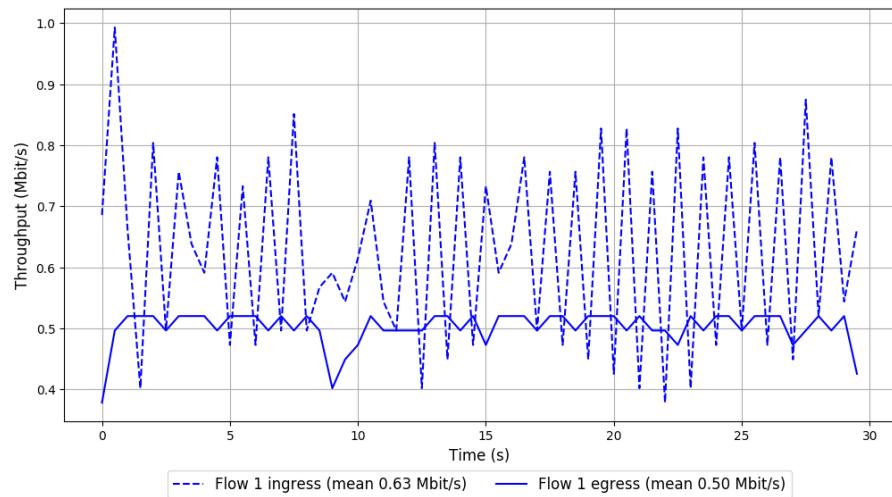


Run 8: Statistics of Verus

```
Start at: Mon, 17 Jul 2017 00:12:59 +0000
End at: Mon, 17 Jul 2017 00:13:29 +0000
Local clock offset: -0.206 ms
Remote clock offset: 2.57 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 291.005 ms
Loss rate: 20.33%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 291.005 ms
Loss rate: 20.33%
```

Run 8: Report of Verus — Data Link

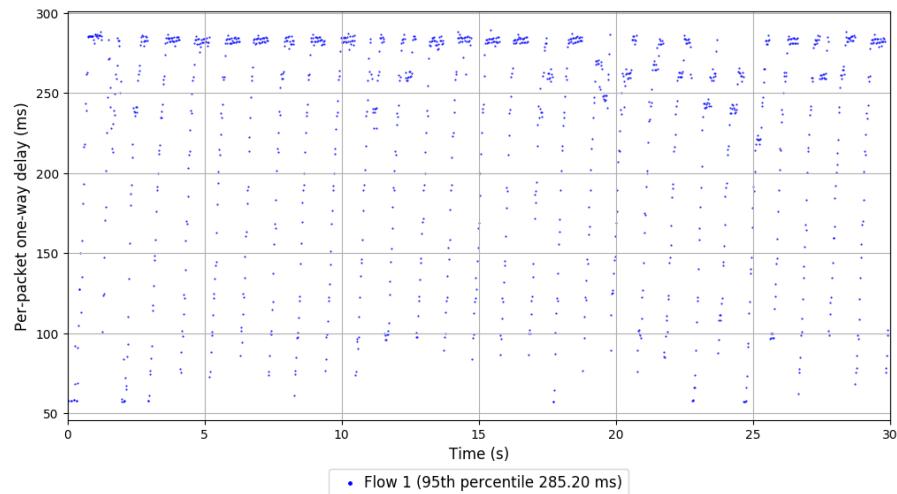
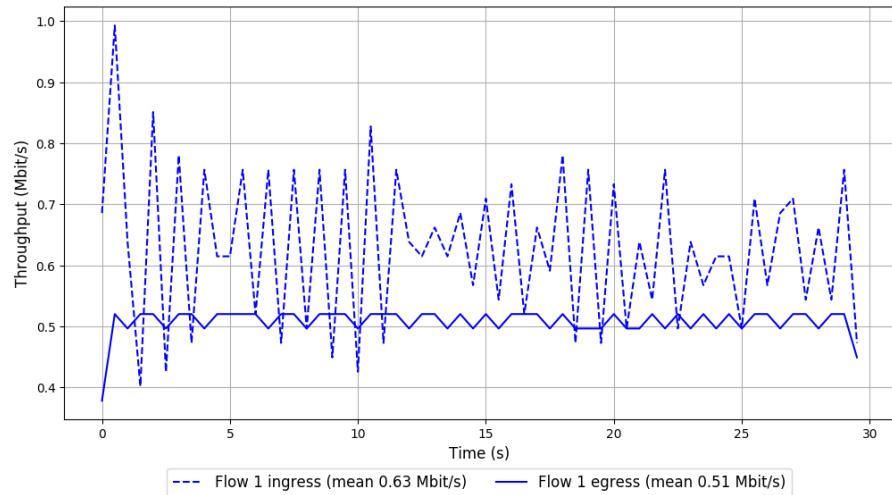


Run 9: Statistics of Verus

```
Start at: Mon, 17 Jul 2017 00:29:59 +0000
End at: Mon, 17 Jul 2017 00:30:29 +0000
Local clock offset: -1.871 ms
Remote clock offset: 5.312 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 285.196 ms
Loss rate: 19.18%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 285.196 ms
Loss rate: 19.18%
```

### Run 9: Report of Verus — Data Link

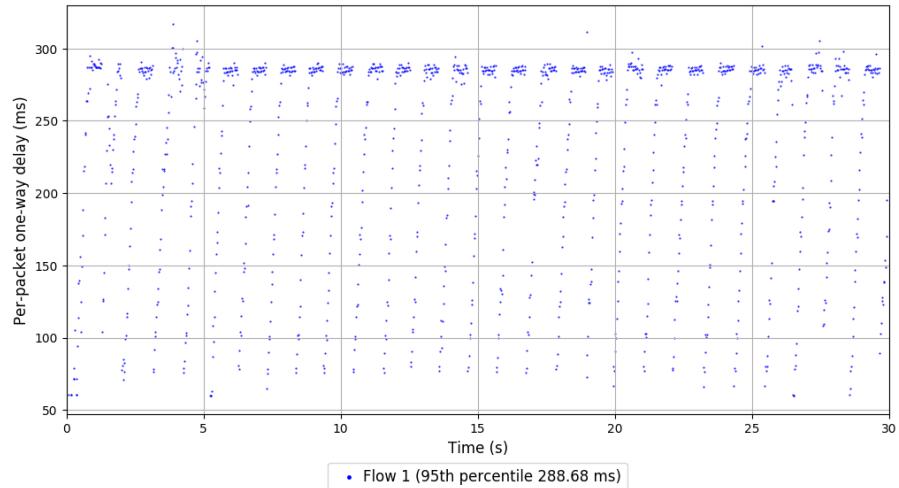
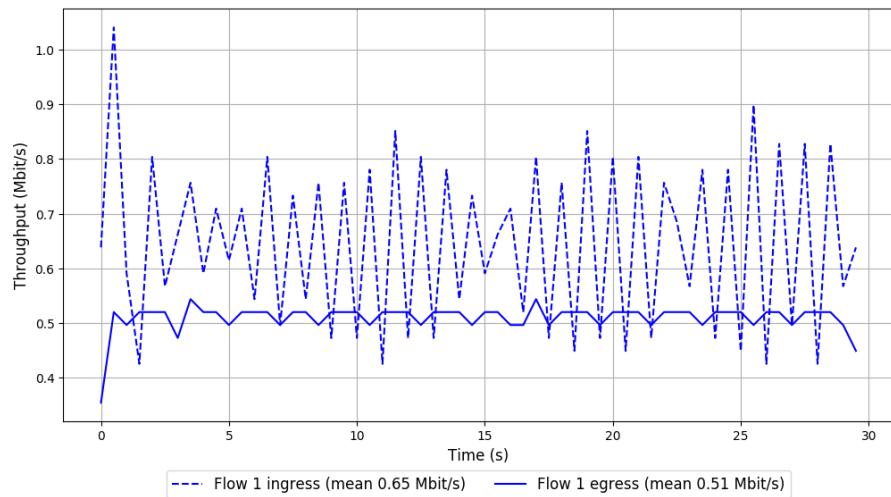


Run 10: Statistics of Verus

```
Start at: Mon, 17 Jul 2017 00:47:03 +0000
End at: Mon, 17 Jul 2017 00:47:33 +0000
Local clock offset: -0.489 ms
Remote clock offset: 3.704 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 288.678 ms
Loss rate: 21.15%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 288.678 ms
Loss rate: 21.15%
```

Run 10: Report of Verus — Data Link

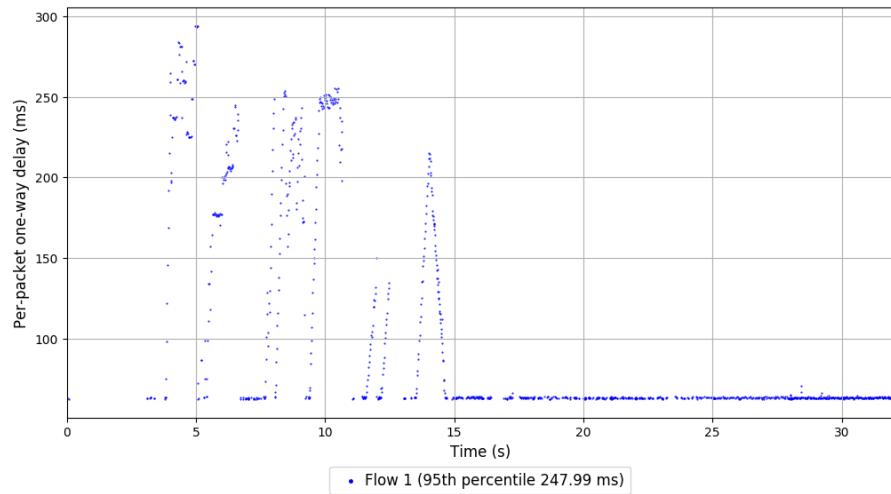
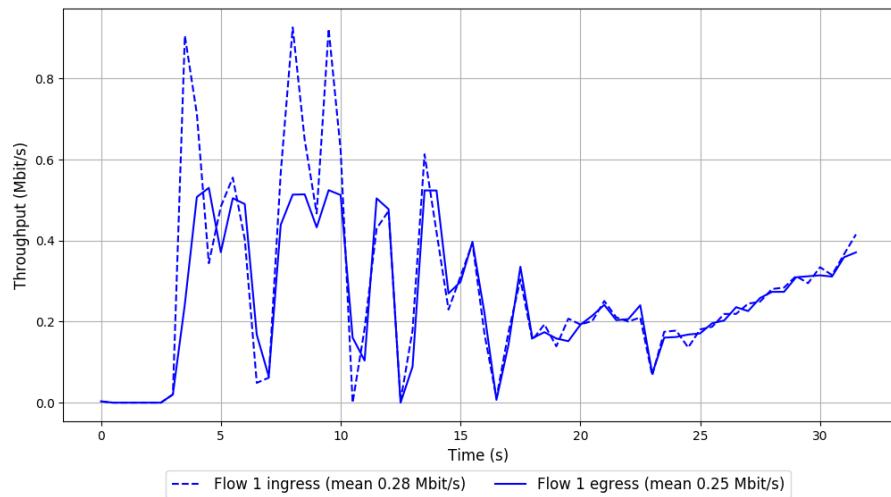


```
Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 22:14:09 +0000
End at: Sun, 16 Jul 2017 22:14:39 +0000
Local clock offset: -0.721 ms
Remote clock offset: 4.175 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 247.988 ms
Loss rate: 10.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 247.988 ms
Loss rate: 10.00%
```

Run 1: Report of WebRTC media — Data Link

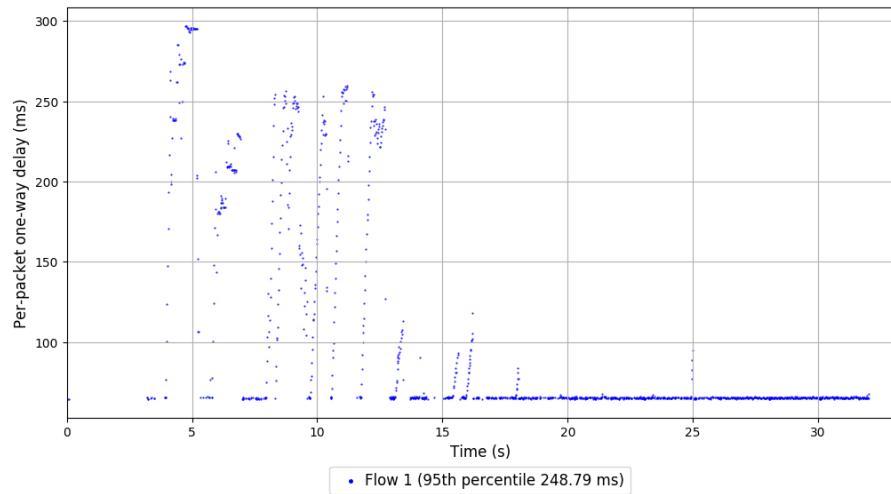
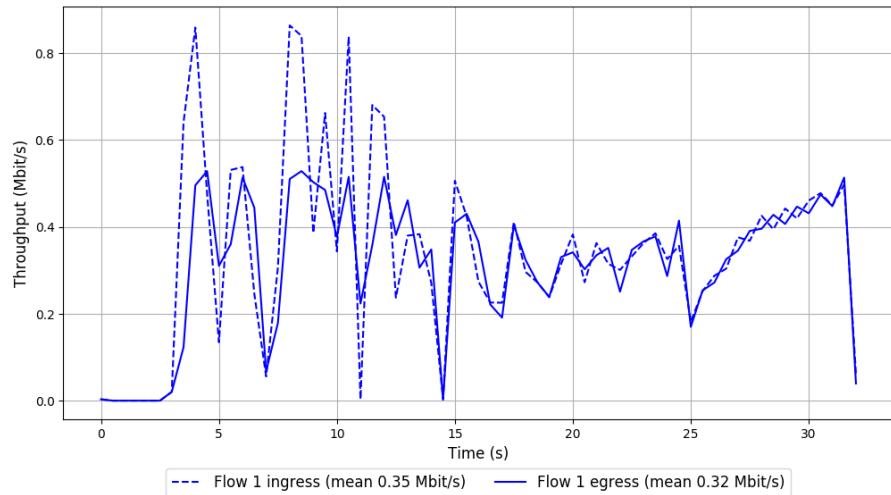


Run 2: Statistics of WebRTC media

```
Start at: Sun, 16 Jul 2017 22:31:23 +0000
End at: Sun, 16 Jul 2017 22:31:53 +0000
Local clock offset: 1.334 ms
Remote clock offset: 3.559 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 248.786 ms
Loss rate: 8.39%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 248.786 ms
Loss rate: 8.39%
```

Run 2: Report of WebRTC media — Data Link

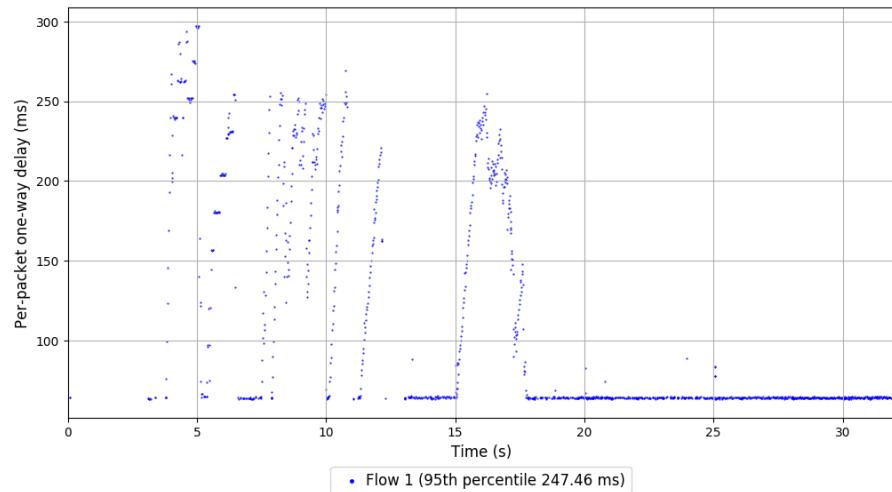
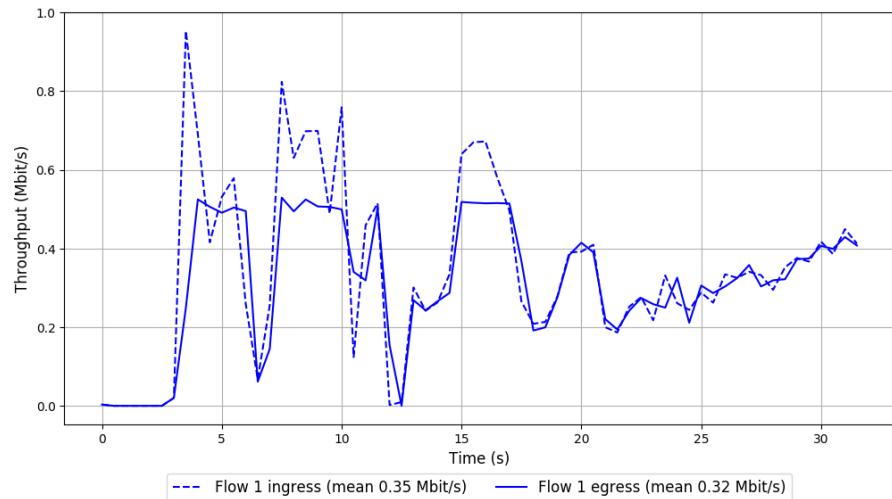


```
Run 3: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 22:48:24 +0000
End at: Sun, 16 Jul 2017 22:48:54 +0000
Local clock offset: -0.513 ms
Remote clock offset: 3.186 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 247.464 ms
Loss rate: 9.49%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 247.464 ms
Loss rate: 9.49%
```

### Run 3: Report of WebRTC media — Data Link

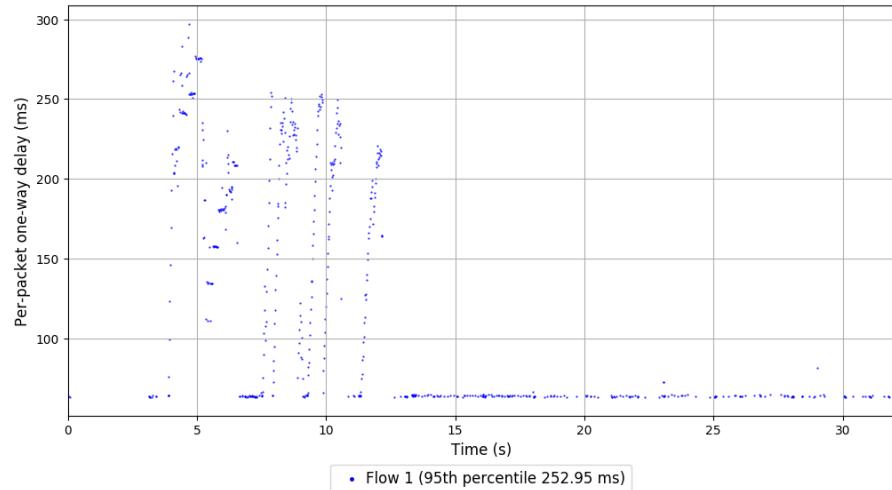
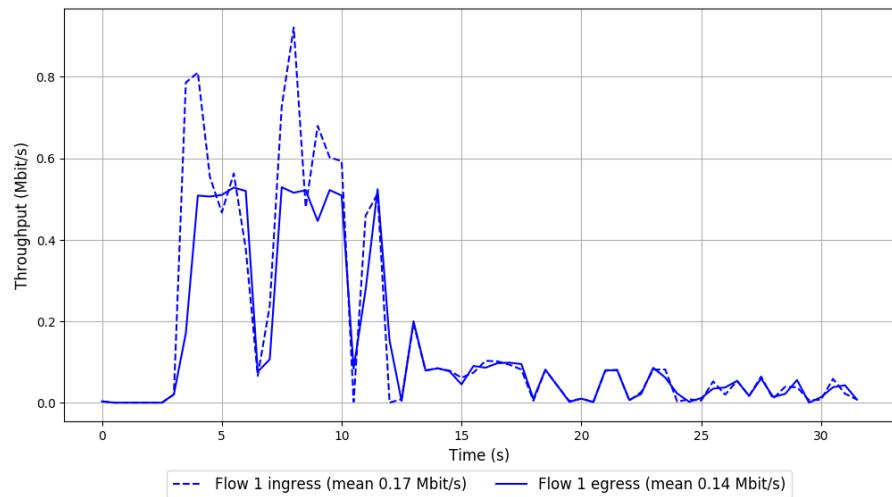


Run 4: Statistics of WebRTC media

```
Start at: Sun, 16 Jul 2017 23:05:33 +0000
End at: Sun, 16 Jul 2017 23:06:03 +0000
Local clock offset: -0.923 ms
Remote clock offset: 3.404 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 252.951 ms
Loss rate: 17.10%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 252.951 ms
Loss rate: 17.10%
```

Run 4: Report of WebRTC media — Data Link

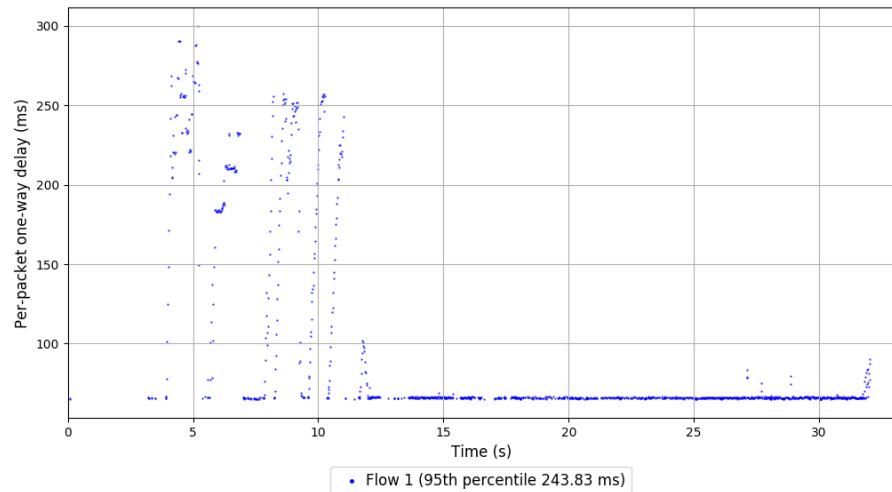
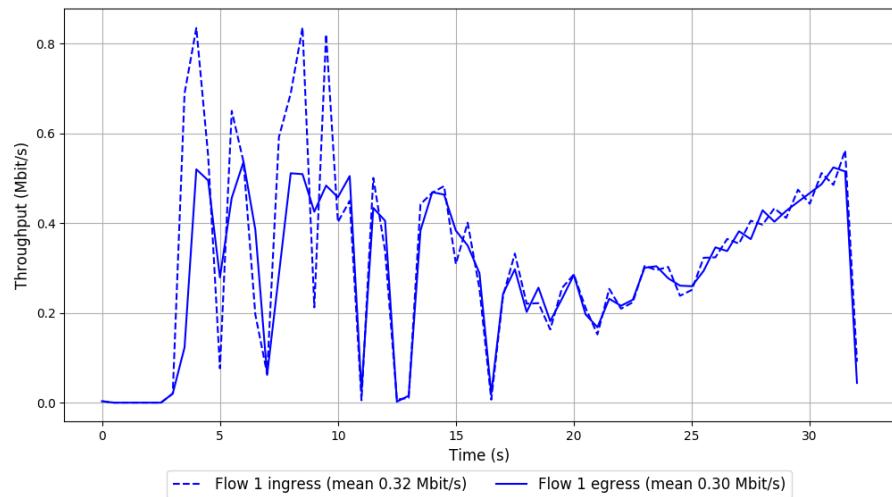


Run 5: Statistics of WebRTC media

```
Start at: Sun, 16 Jul 2017 23:22:36 +0000
End at: Sun, 16 Jul 2017 23:23:06 +0000
Local clock offset: 1.317 ms
Remote clock offset: 3.434 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 243.827 ms
Loss rate: 8.16%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 243.827 ms
Loss rate: 8.16%
```

Run 5: Report of WebRTC media — Data Link

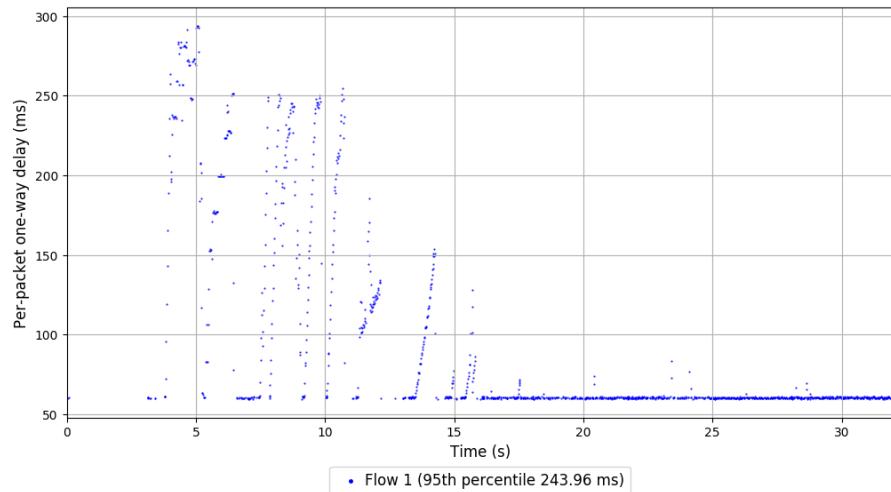
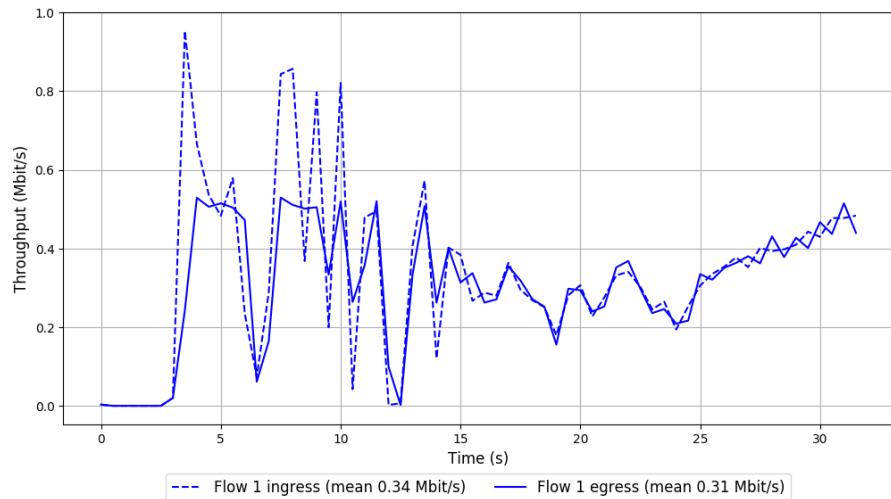


Run 6: Statistics of WebRTC media

```
Start at: Sun, 16 Jul 2017 23:39:39 +0000
End at: Sun, 16 Jul 2017 23:40:09 +0000
Local clock offset: 2.021 ms
Remote clock offset: 6.534 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 243.963 ms
Loss rate: 7.76%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 243.963 ms
Loss rate: 7.76%
```

### Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:57:16 +0000

End at: Sun, 16 Jul 2017 23:57:46 +0000

Local clock offset: 2.86 ms

Remote clock offset: 4.58 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 249.995 ms

Loss rate: 7.48%

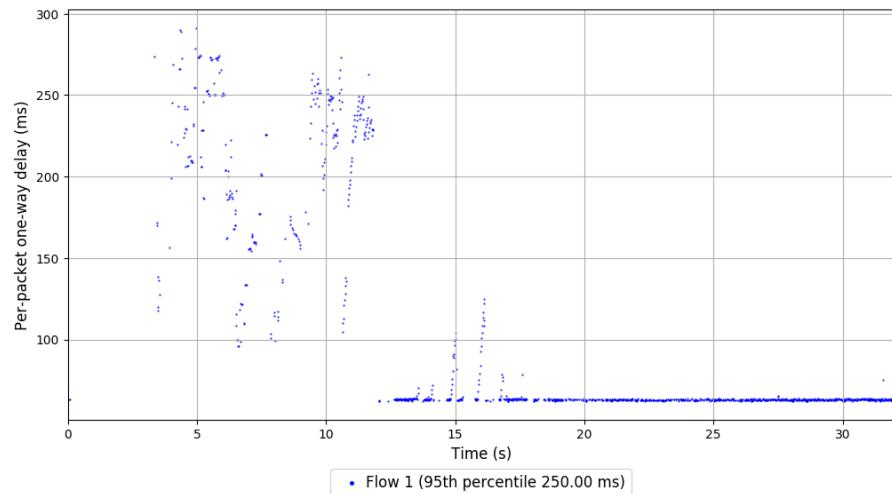
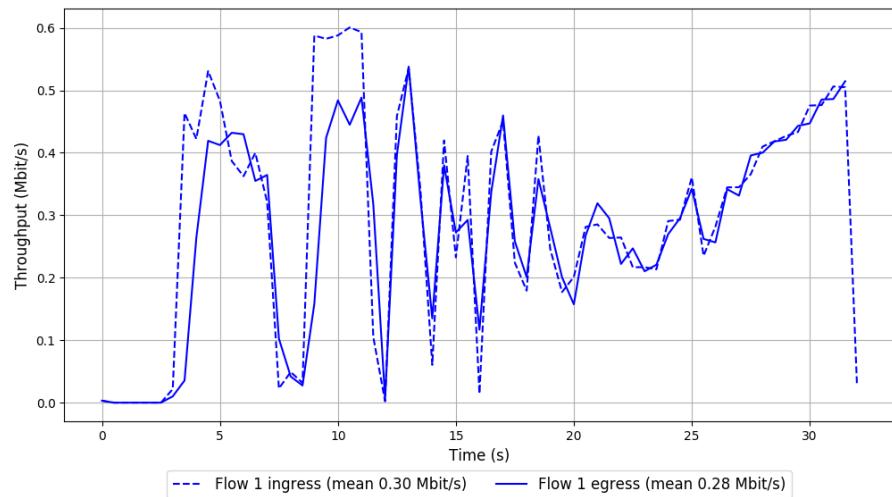
-- Flow 1:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 249.995 ms

Loss rate: 7.48%

Run 7: Report of WebRTC media — Data Link

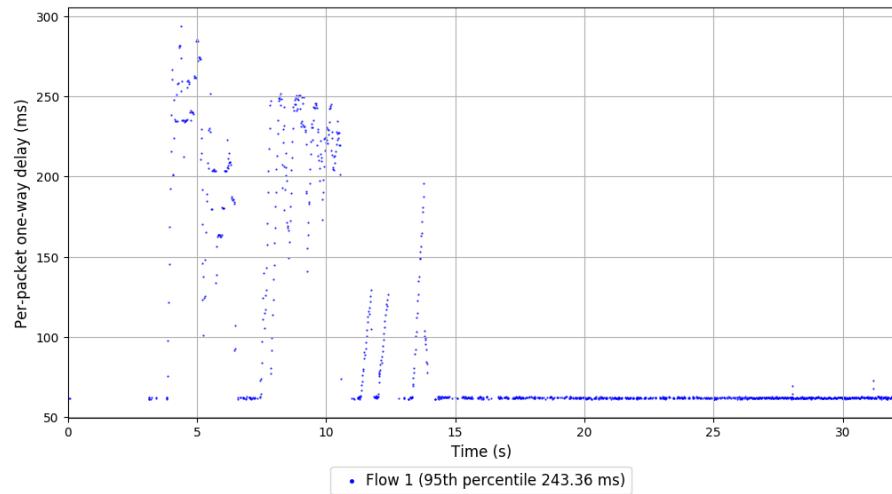
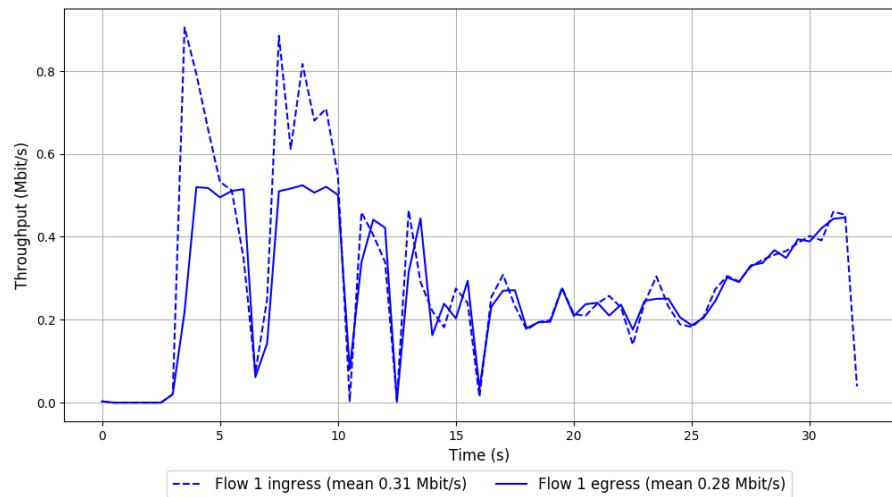


```
Run 8: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:14:11 +0000
End at: Mon, 17 Jul 2017 00:14:41 +0000
Local clock offset: 0.945 ms
Remote clock offset: 4.157 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 243.362 ms
Loss rate: 11.45%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 243.362 ms
Loss rate: 11.45%
```

Run 8: Report of WebRTC media — Data Link

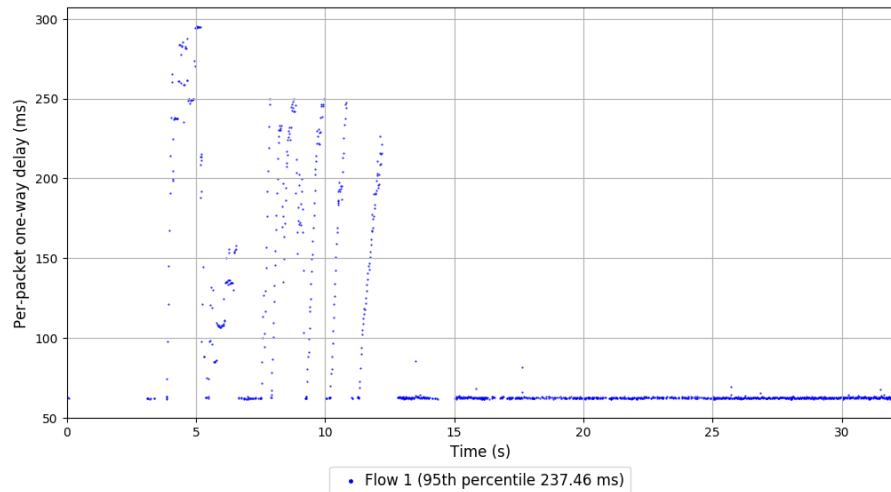
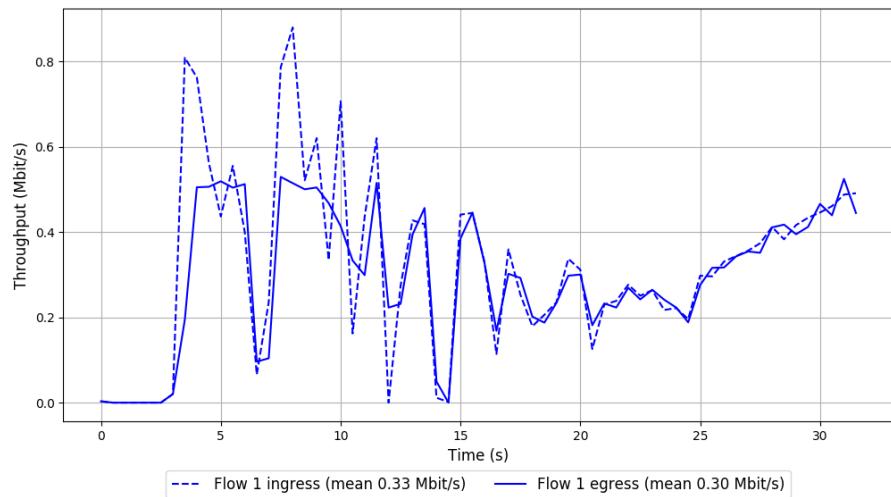


Run 9: Statistics of WebRTC media

```
Start at: Mon, 17 Jul 2017 00:31:11 +0000
End at: Mon, 17 Jul 2017 00:31:41 +0000
Local clock offset: -1.95 ms
Remote clock offset: 1.178 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 237.458 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 237.458 ms
Loss rate: 8.34%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:48:16 +0000
End at: Mon, 17 Jul 2017 00:48:46 +0000
Local clock offset: 1.519 ms
Remote clock offset: 3.498 ms

# Below is generated by plot.py at Mon, 17 Jul 2017 00:52:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 245.718 ms
Loss rate: 13.24%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 245.718 ms
Loss rate: 13.24%
```

Run 10: Report of WebRTC media — Data Link

