

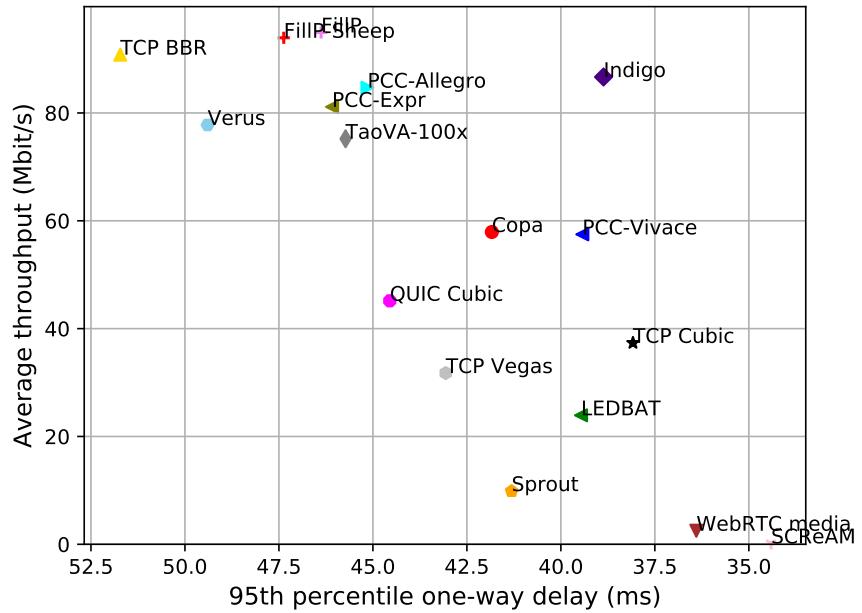
Pantheon Report

Generated at 2018-07-18 05:28:38 (UTC).
Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

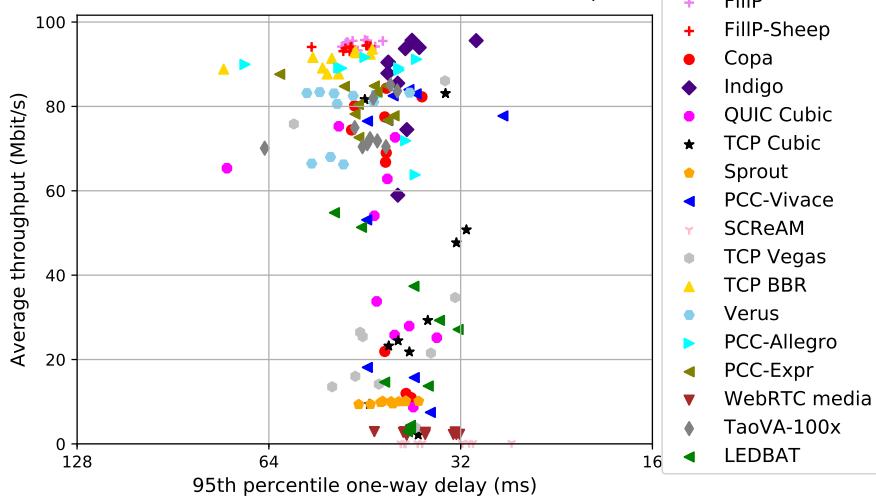
Git summary:

```
branch: master @ f7befc2d8410f41949e0ad8143a9aab40bab7edb
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Mexico to AWS California 2, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Mexico to AWS California 2, 10 runs of 30s each per scheme



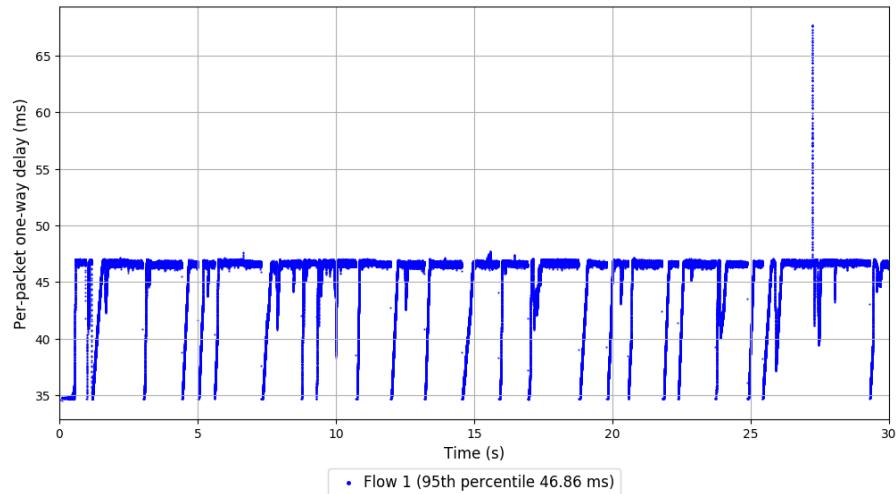
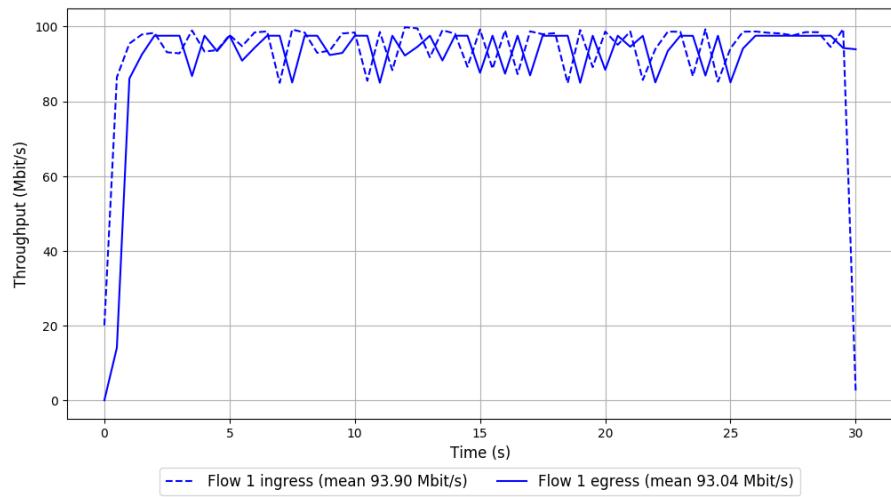
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	90.81	51.72	1.26
Copa	10	57.92	41.84	0.80
TCP Cubic	10	37.35	38.08	0.51
FillP	10	94.94	46.38	0.89
FillP-Sheep	10	93.94	47.37	0.74
Indigo	10	86.67	38.87	0.60
LEDBAT	10	23.92	39.46	0.94
PCC-Allegro	10	84.69	45.14	0.67
PCC-Expr	10	81.13	46.09	0.64
QUIC Cubic	10	45.16	44.55	0.55
SCReAM	10	0.17	34.41	0.67
Sprout	10	9.87	41.31	0.73
TaoVA-100x	10	75.21	45.73	0.81
TCP Vegas	10	31.76	43.06	0.43
Verus	10	77.78	49.40	1.01
PCC-Vivace	10	57.48	39.43	0.84
WebRTC media	10	2.51	36.40	0.60

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-18 01:14:59
End at: 2018-07-18 01:15:29
Local clock offset: 0.583 ms
Remote clock offset: -8.571 ms

# Below is generated by plot.py at 2018-07-18 05:12:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 46.857 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 46.857 ms
Loss rate: 1.13%
```

Run 1: Report of TCP BBR — Data Link

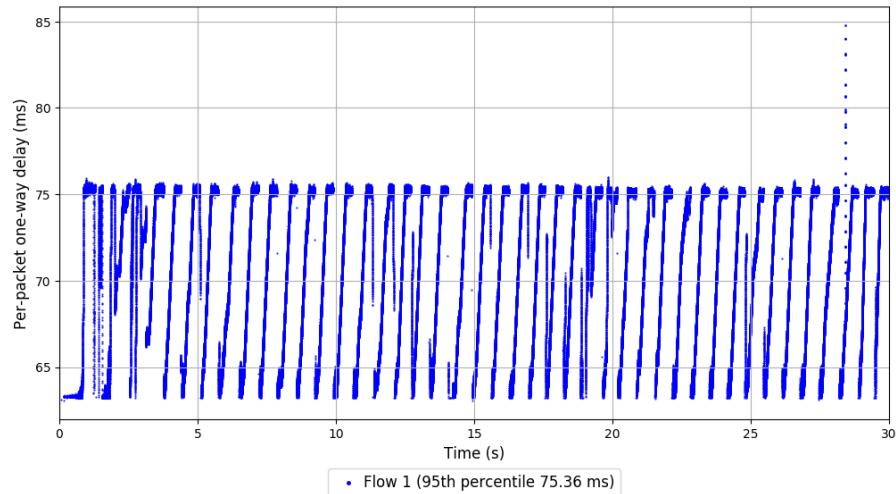
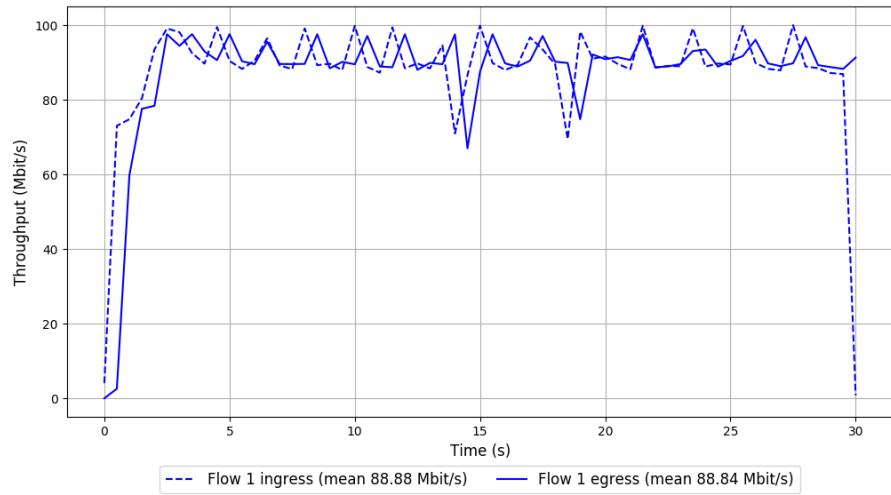


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-18 01:37:15
End at: 2018-07-18 01:37:45
Local clock offset: 0.429 ms
Remote clock offset: -8.916 ms

# Below is generated by plot.py at 2018-07-18 05:12:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.84 Mbit/s
95th percentile per-packet one-way delay: 75.364 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.84 Mbit/s
95th percentile per-packet one-way delay: 75.364 ms
Loss rate: 0.35%
```

Run 2: Report of TCP BBR — Data Link

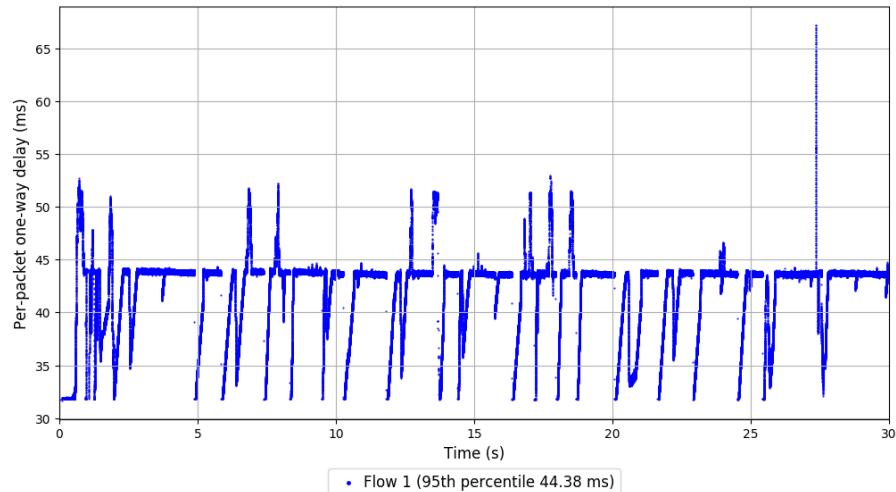
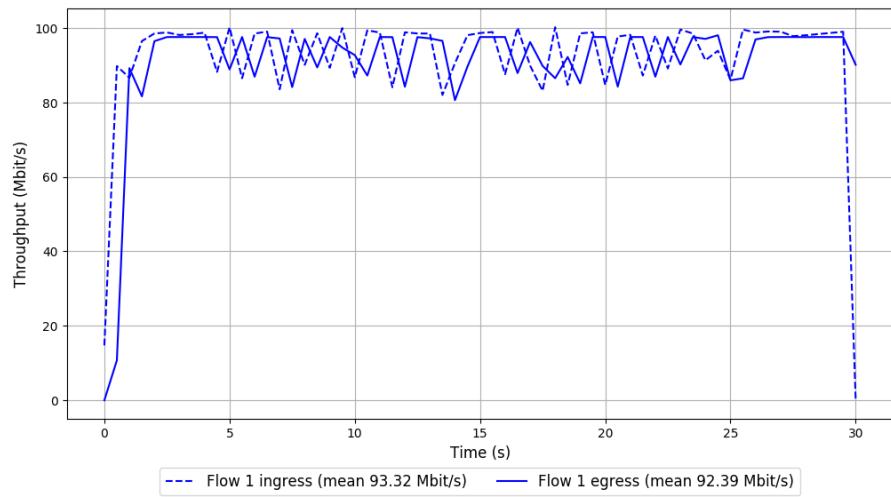


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-18 01:59:43
End at: 2018-07-18 02:00:13
Local clock offset: 0.781 ms
Remote clock offset: 2.128 ms

# Below is generated by plot.py at 2018-07-18 05:12:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 44.385 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 44.385 ms
Loss rate: 1.24%
```

Run 3: Report of TCP BBR — Data Link

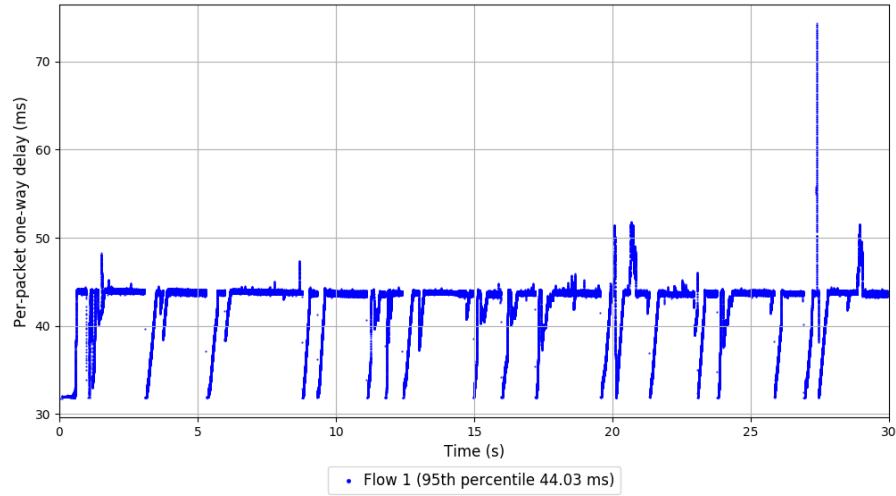
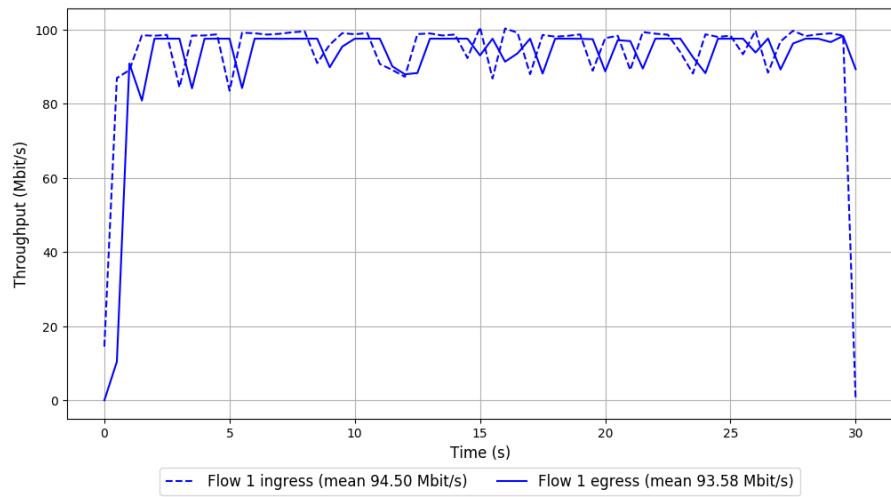


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-18 02:22:39
End at: 2018-07-18 02:23:09
Local clock offset: 0.869 ms
Remote clock offset: 1.893 ms

# Below is generated by plot.py at 2018-07-18 05:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 44.034 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 44.034 ms
Loss rate: 1.22%
```

Run 4: Report of TCP BBR — Data Link

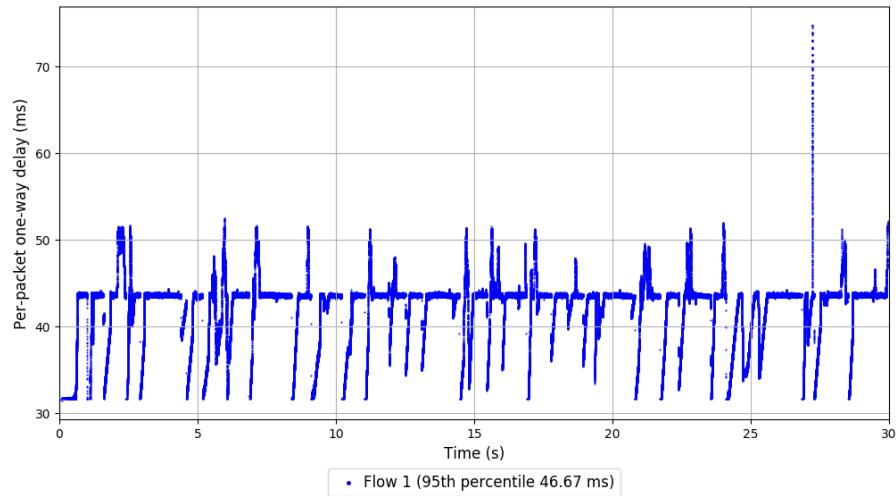
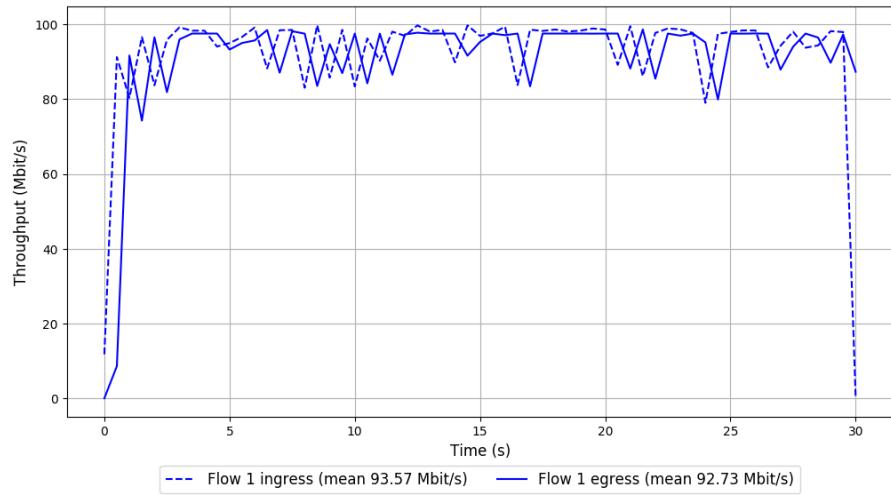


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-18 02:46:25
End at: 2018-07-18 02:46:55
Local clock offset: 0.796 ms
Remote clock offset: 1.923 ms

# Below is generated by plot.py at 2018-07-18 05:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 46.673 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 46.673 ms
Loss rate: 1.14%
```

Run 5: Report of TCP BBR — Data Link

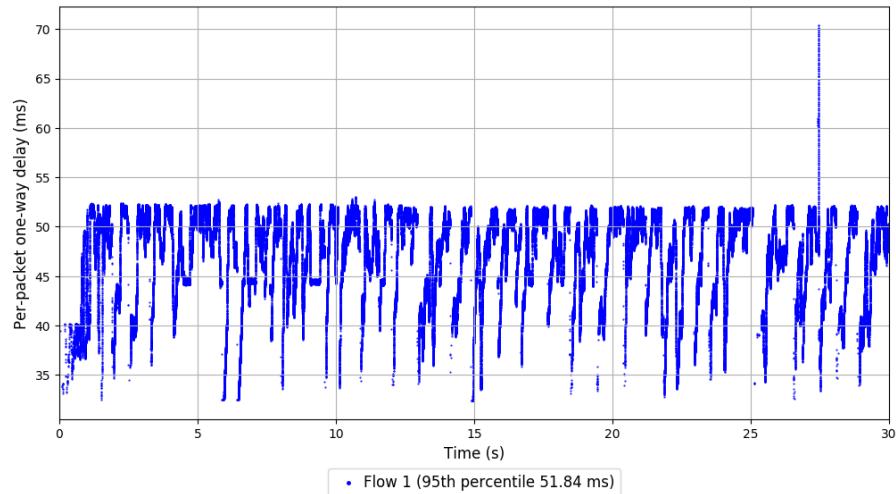
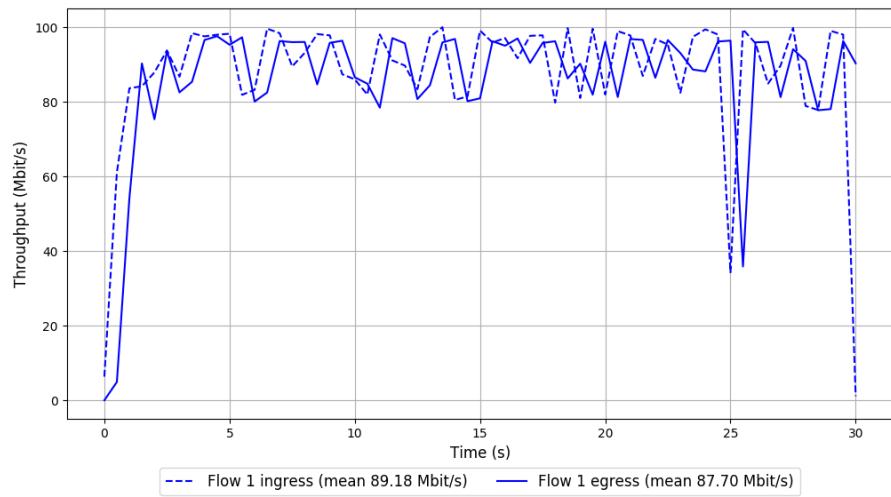


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-18 03:10:59
End at: 2018-07-18 03:11:29
Local clock offset: 1.331 ms
Remote clock offset: -0.914 ms

# Below is generated by plot.py at 2018-07-18 05:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 51.841 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 51.841 ms
Loss rate: 1.93%
```

Run 6: Report of TCP BBR — Data Link

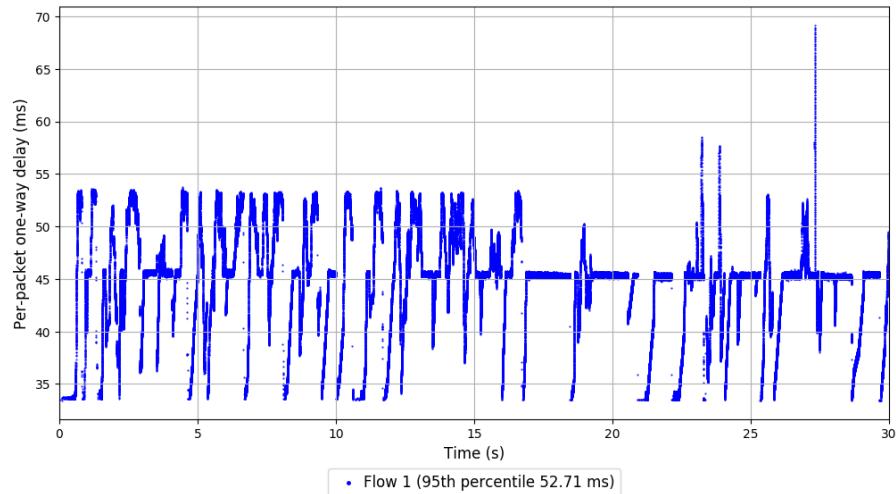
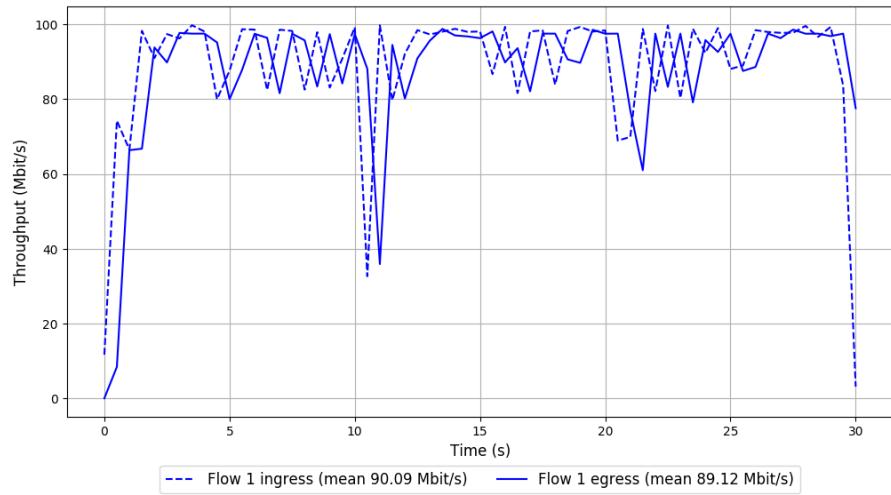


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-18 03:37:33
End at: 2018-07-18 03:38:03
Local clock offset: 11.621 ms
Remote clock offset: -7.287 ms

# Below is generated by plot.py at 2018-07-18 05:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 52.711 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 52.711 ms
Loss rate: 1.32%
```

Run 7: Report of TCP BBR — Data Link

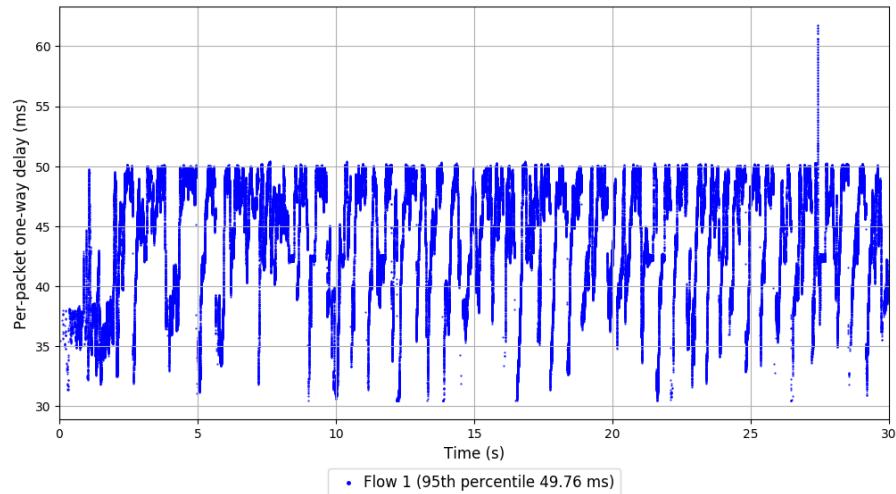
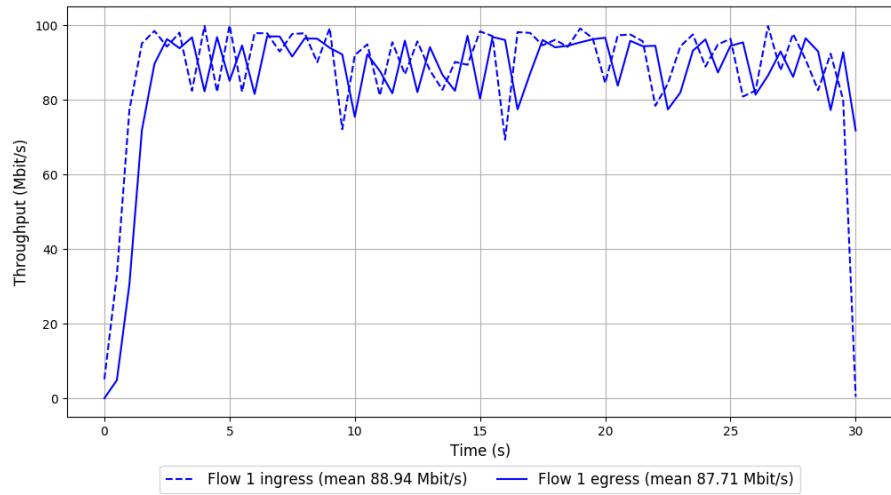


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-18 04:01:29
End at: 2018-07-18 04:01:59
Local clock offset: 12.208 ms
Remote clock offset: 2.487 ms

# Below is generated by plot.py at 2018-07-18 05:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 49.762 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 49.762 ms
Loss rate: 1.65%
```

Run 8: Report of TCP BBR — Data Link

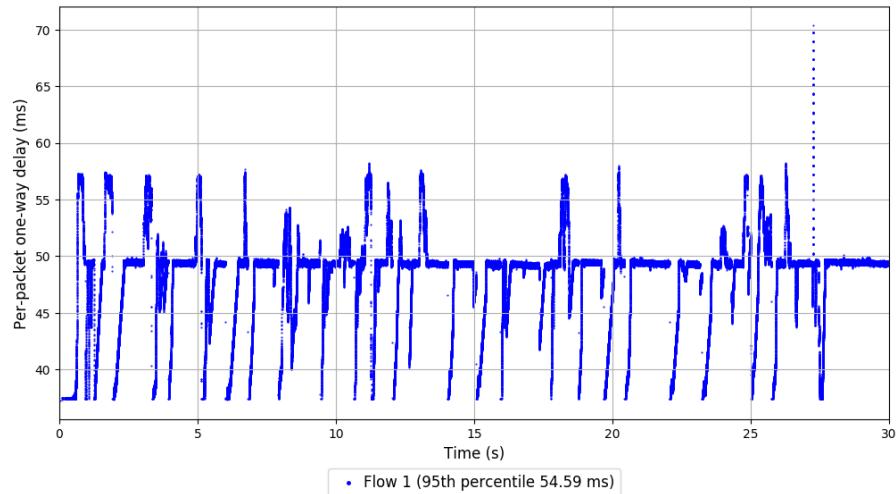
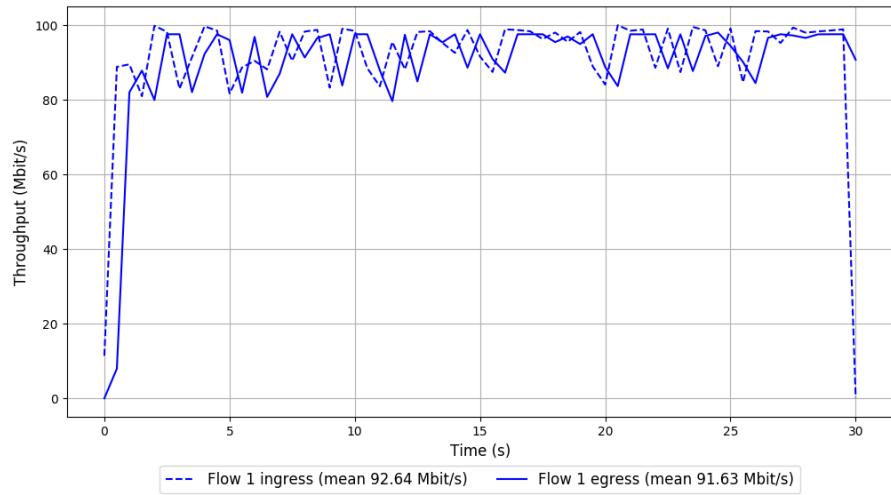


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-18 04:27:52
End at: 2018-07-18 04:28:22
Local clock offset: 11.388 ms
Remote clock offset: -4.055 ms

# Below is generated by plot.py at 2018-07-18 05:12:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 54.594 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 54.594 ms
Loss rate: 1.34%
```

Run 9: Report of TCP BBR — Data Link

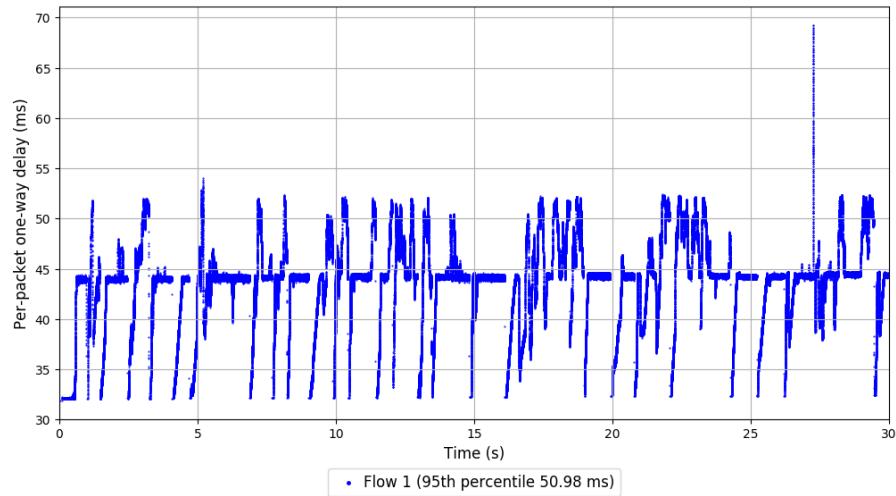
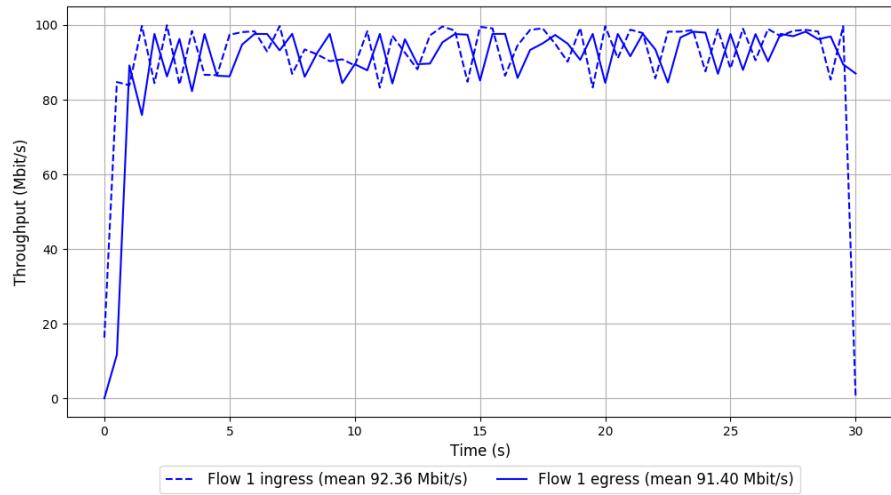


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-18 04:51:37
End at: 2018-07-18 04:52:07
Local clock offset: 6.609 ms
Remote clock offset: 1.413 ms

# Below is generated by plot.py at 2018-07-18 05:12:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 50.983 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 50.983 ms
Loss rate: 1.28%
```

Run 10: Report of TCP BBR — Data Link

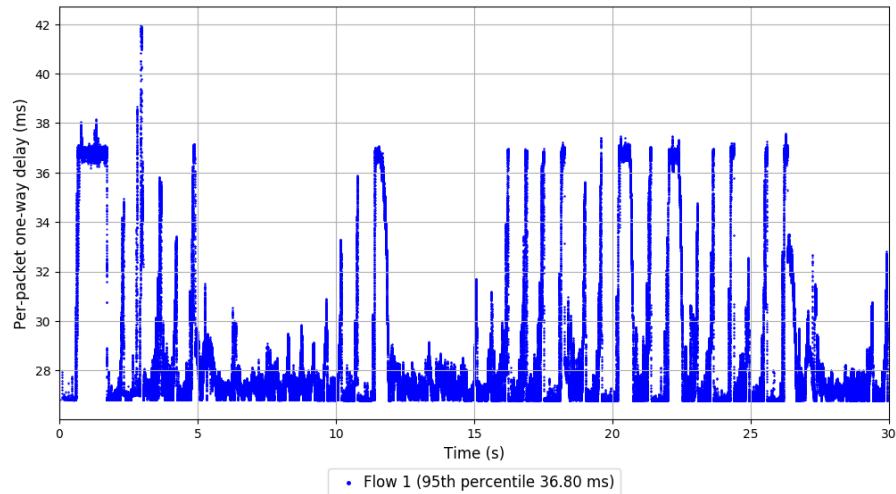
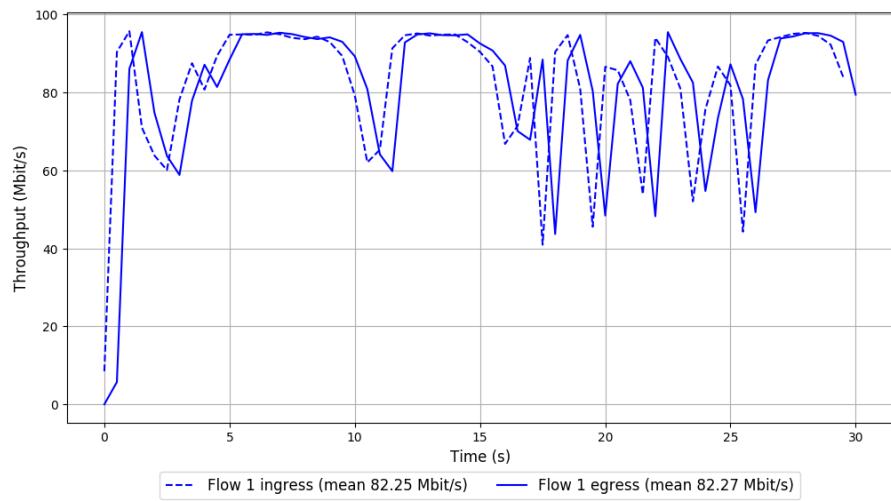


Run 1: Statistics of Copa

```
Start at: 2018-07-18 01:29:28
End at: 2018-07-18 01:29:58
Local clock offset: 0.447 ms
Remote clock offset: -0.83 ms

# Below is generated by plot.py at 2018-07-18 05:13:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.27 Mbit/s
95th percentile per-packet one-way delay: 36.805 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 82.27 Mbit/s
95th percentile per-packet one-way delay: 36.805 ms
Loss rate: 0.20%
```

Run 1: Report of Copa — Data Link

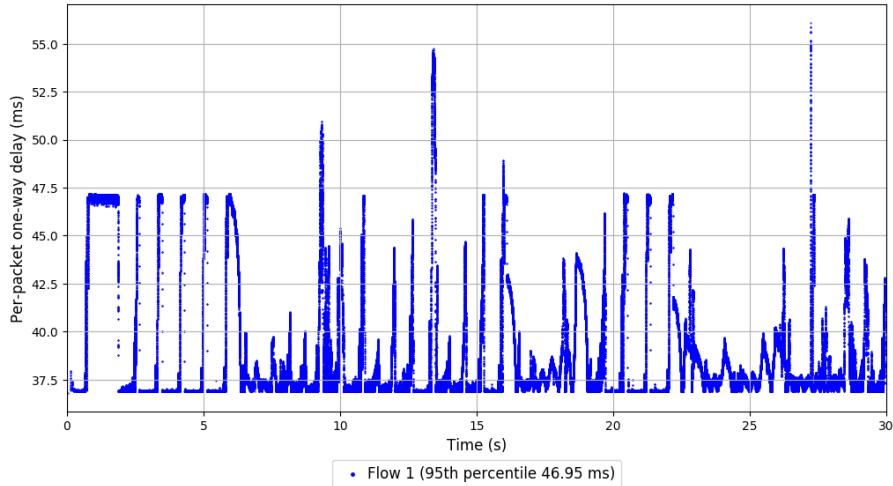
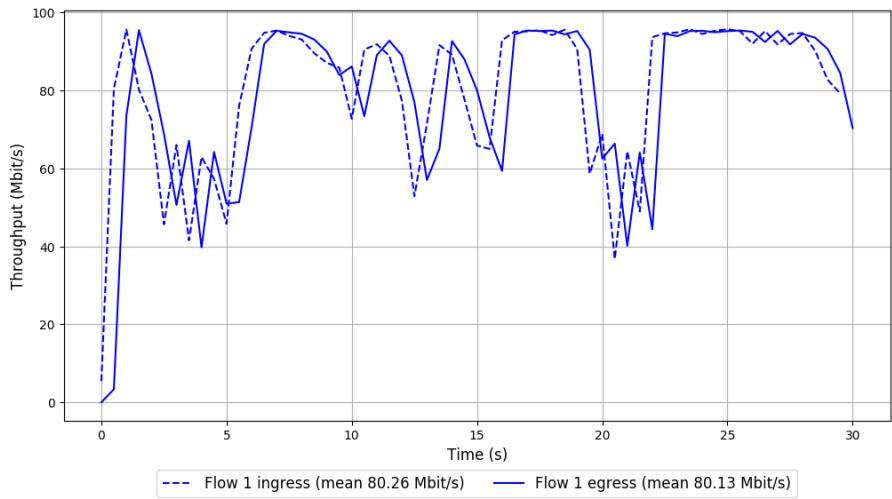


Run 2: Statistics of Copa

```
Start at: 2018-07-18 01:51:44
End at: 2018-07-18 01:52:14
Local clock offset: 0.632 ms
Remote clock offset: -3.017 ms

# Below is generated by plot.py at 2018-07-18 05:13:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.13 Mbit/s
95th percentile per-packet one-way delay: 46.954 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 80.13 Mbit/s
95th percentile per-packet one-way delay: 46.954 ms
Loss rate: 0.41%
```

Run 2: Report of Copa — Data Link

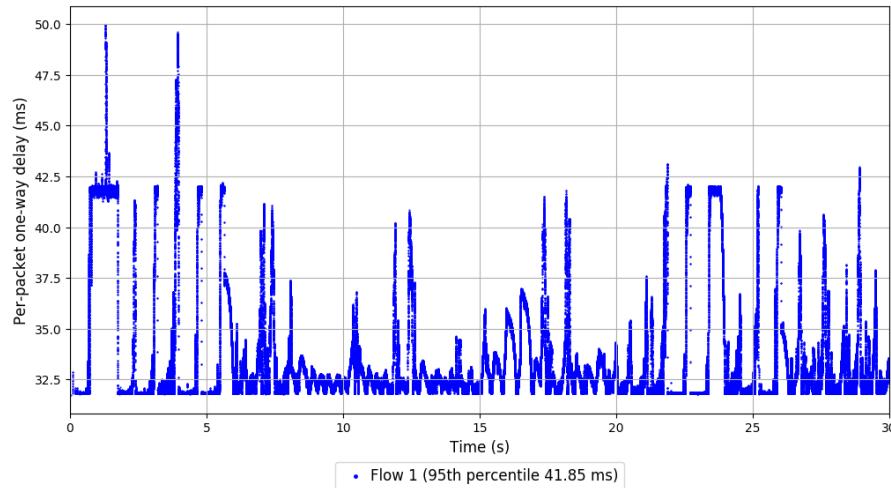
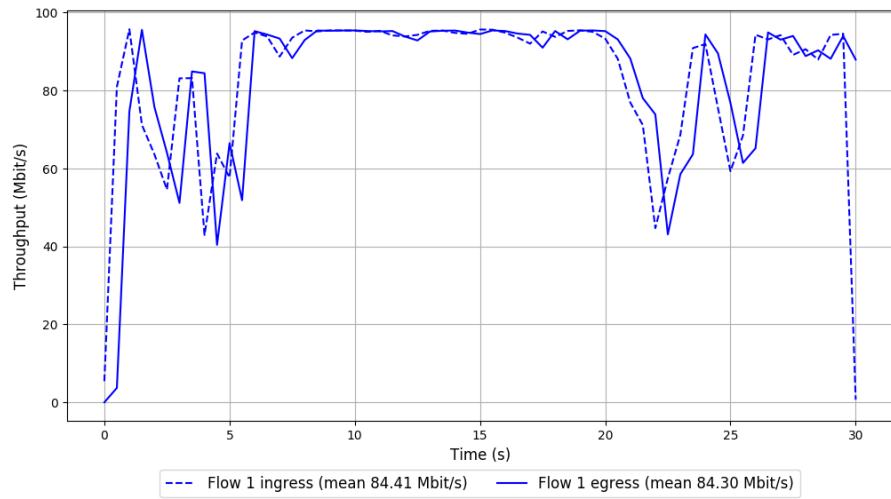


Run 3: Statistics of Copa

```
Start at: 2018-07-18 02:14:34
End at: 2018-07-18 02:15:04
Local clock offset: 0.843 ms
Remote clock offset: 1.828 ms

# Below is generated by plot.py at 2018-07-18 05:13:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 41.850 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 41.850 ms
Loss rate: 0.38%
```

Run 3: Report of Copa — Data Link

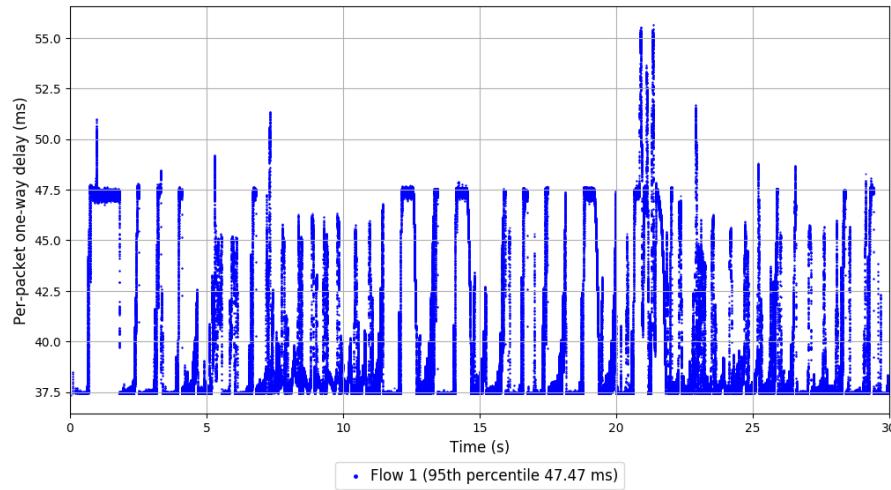
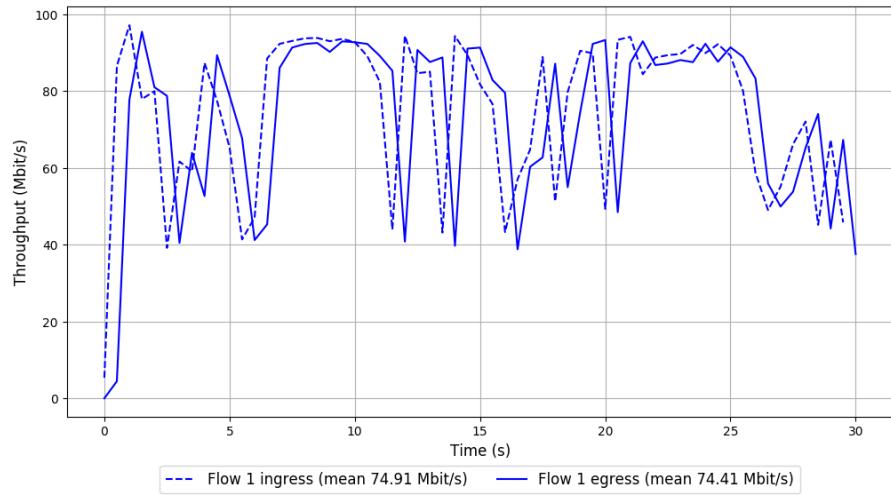


Run 4: Statistics of Copa

```
Start at: 2018-07-18 02:38:11
End at: 2018-07-18 02:38:41
Local clock offset: 0.881 ms
Remote clock offset: -3.674 ms

# Below is generated by plot.py at 2018-07-18 05:13:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 47.471 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 47.471 ms
Loss rate: 0.89%
```

Run 4: Report of Copa — Data Link

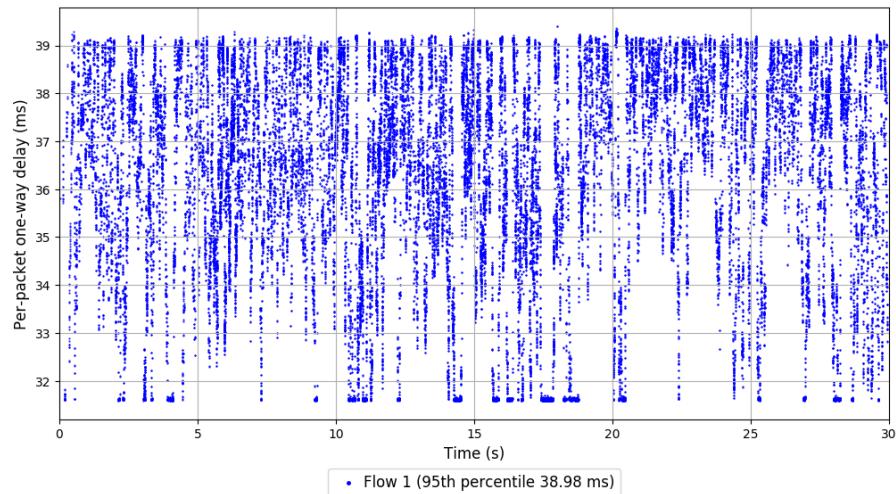
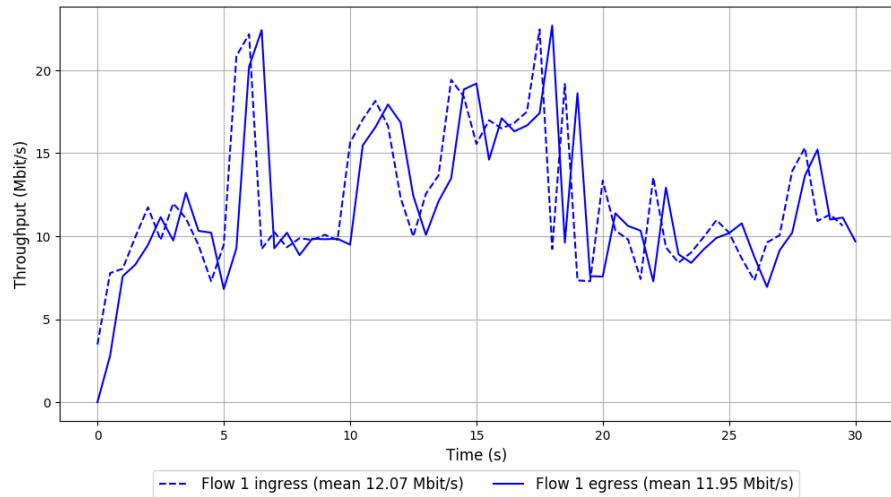


Run 5: Statistics of Copa

```
Start at: 2018-07-18 03:01:52
End at: 2018-07-18 03:02:22
Local clock offset: 1.149 ms
Remote clock offset: 1.926 ms

# Below is generated by plot.py at 2018-07-18 05:13:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.95 Mbit/s
95th percentile per-packet one-way delay: 38.980 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 11.95 Mbit/s
95th percentile per-packet one-way delay: 38.980 ms
Loss rate: 1.27%
```

Run 5: Report of Copa — Data Link

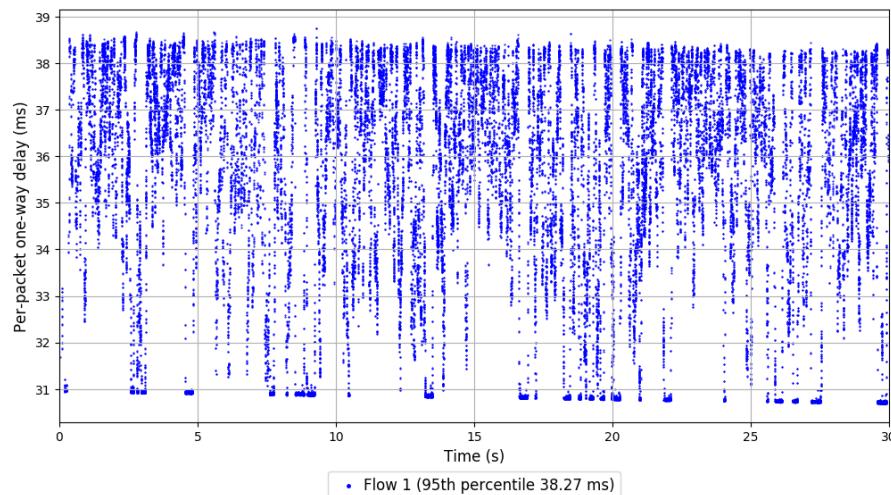
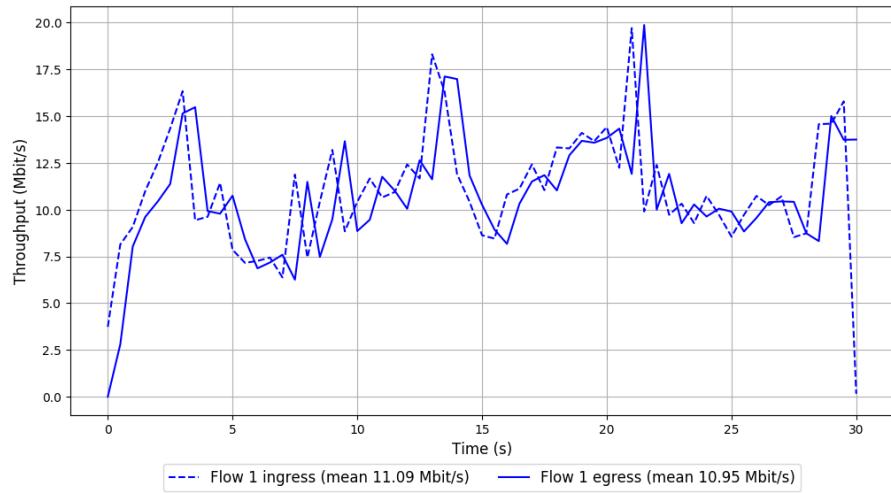


Run 6: Statistics of Copa

```
Start at: 2018-07-18 03:28:38
End at: 2018-07-18 03:29:08
Local clock offset: 9.025 ms
Remote clock offset: -3.512 ms

# Below is generated by plot.py at 2018-07-18 05:13:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 38.265 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 38.265 ms
Loss rate: 1.55%
```

Run 6: Report of Copa — Data Link

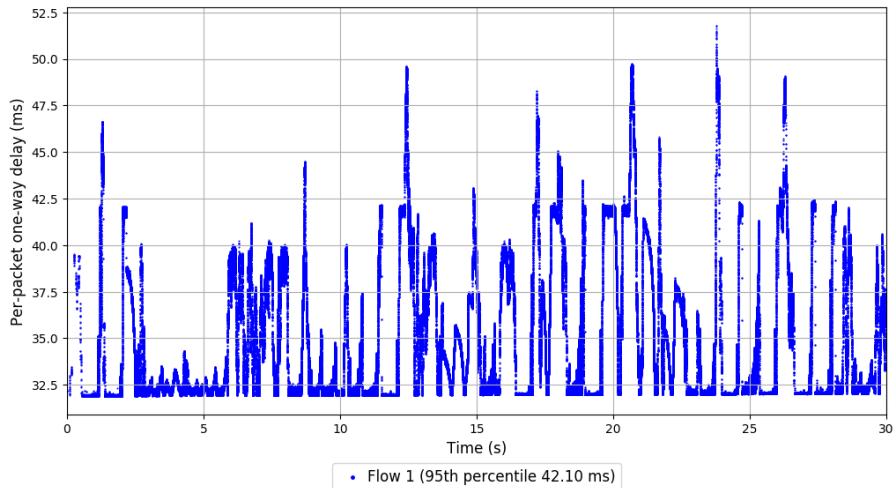
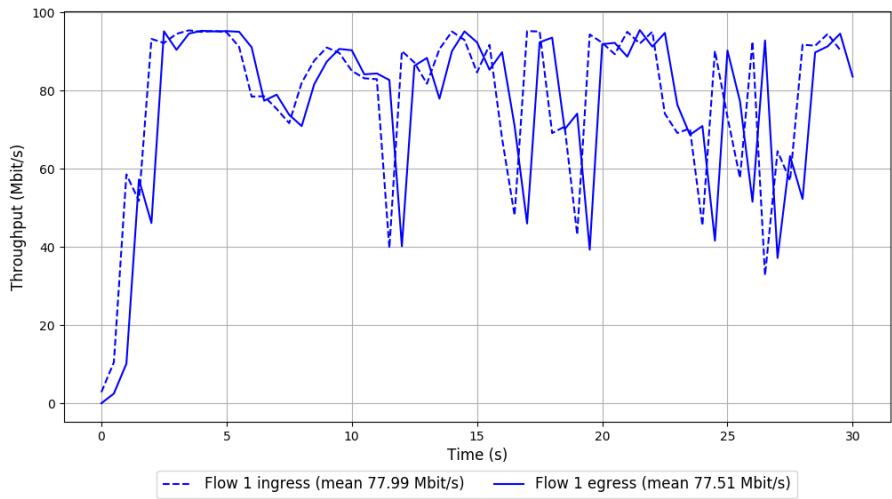


Run 7: Statistics of Copa

```
Start at: 2018-07-18 03:53:11
End at: 2018-07-18 03:53:41
Local clock offset: 12.509 ms
Remote clock offset: -0.0 ms

# Below is generated by plot.py at 2018-07-18 05:13:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 42.097 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 42.097 ms
Loss rate: 0.83%
```

Run 7: Report of Copa — Data Link

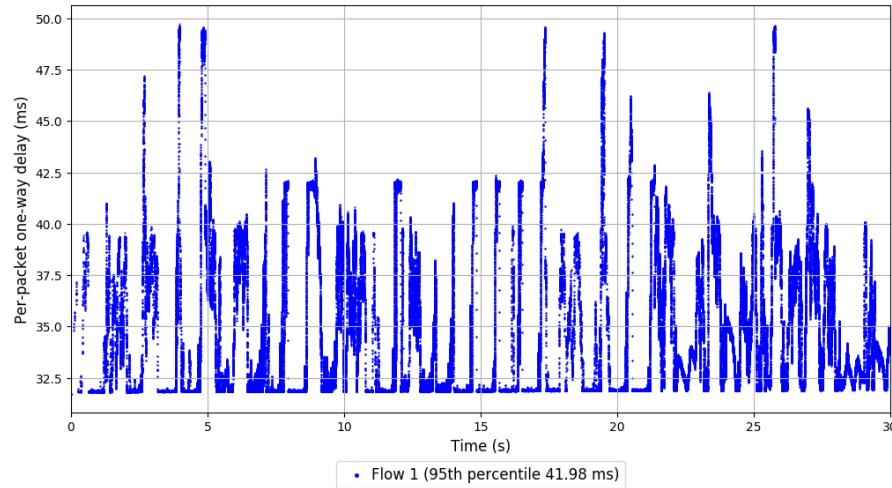
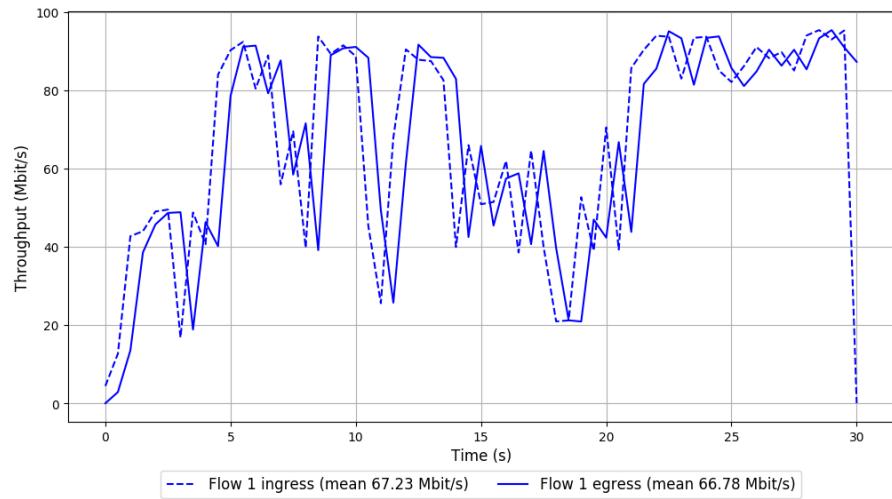


Run 8: Statistics of Copa

```
Start at: 2018-07-18 04:19:35
End at: 2018-07-18 04:20:05
Local clock offset: 12.516 ms
Remote clock offset: 1.646 ms

# Below is generated by plot.py at 2018-07-18 05:13:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.78 Mbit/s
95th percentile per-packet one-way delay: 41.975 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 66.78 Mbit/s
95th percentile per-packet one-way delay: 41.975 ms
Loss rate: 0.91%
```

Run 8: Report of Copa — Data Link

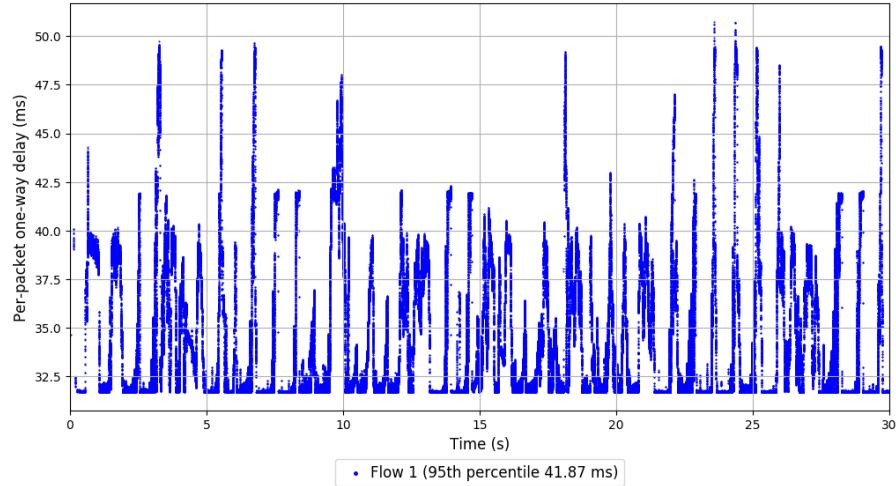
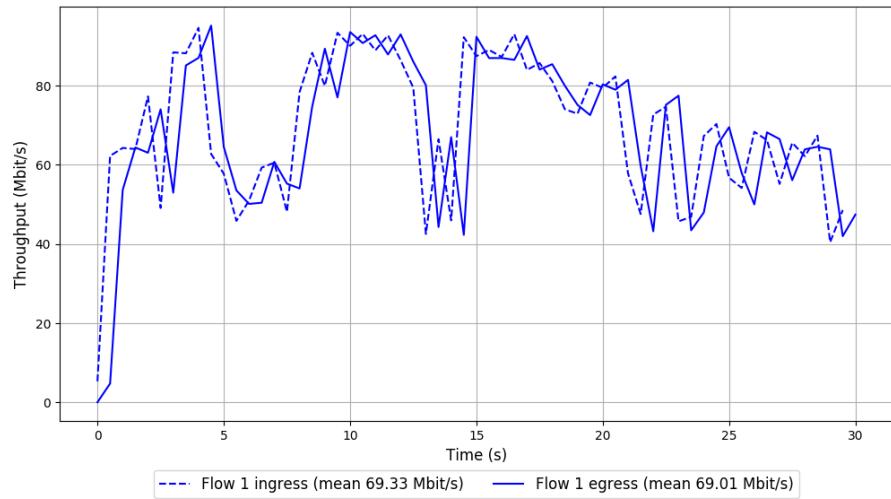


Run 9: Statistics of Copa

```
Start at: 2018-07-18 04:43:28
End at: 2018-07-18 04:43:58
Local clock offset: 11.317 ms
Remote clock offset: 1.485 ms

# Below is generated by plot.py at 2018-07-18 05:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.70%
```

Run 9: Report of Copa — Data Link

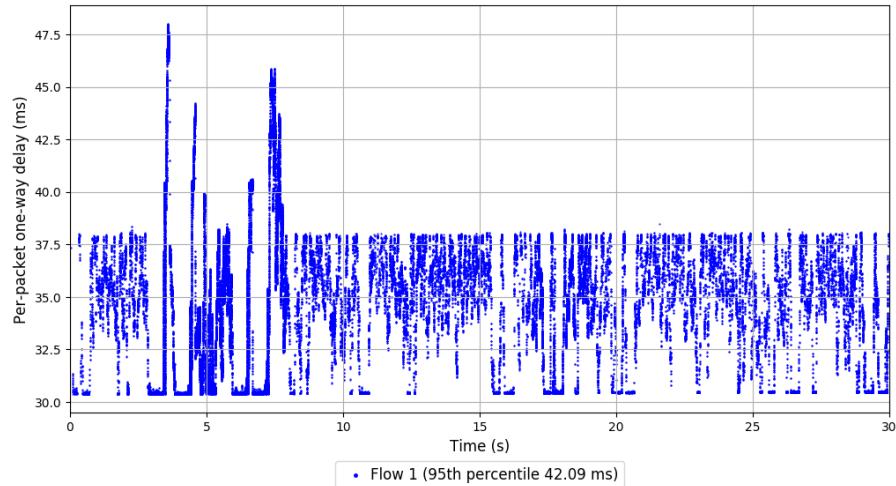
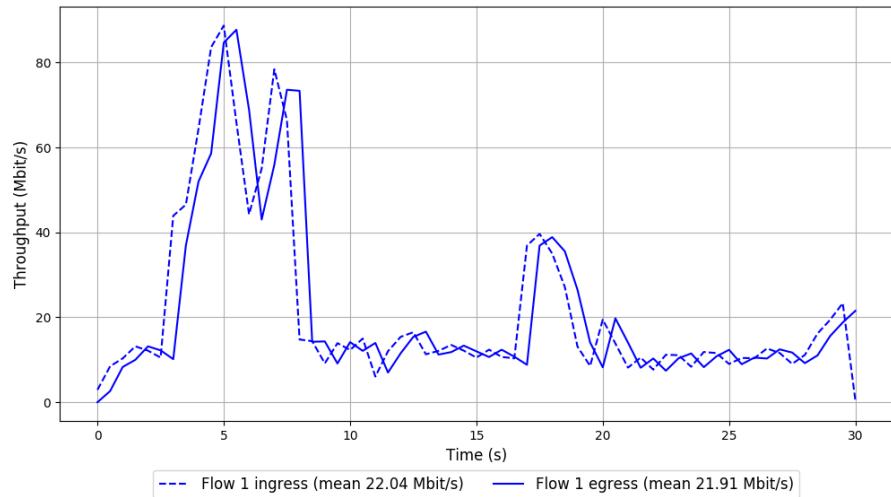


Run 10: Statistics of Copa

```
Start at: 2018-07-18 05:07:36
End at: 2018-07-18 05:08:06
Local clock offset: -0.506 ms
Remote clock offset: 2.371 ms

# Below is generated by plot.py at 2018-07-18 05:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 42.093 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 42.093 ms
Loss rate: 0.84%
```

Run 10: Report of Copa — Data Link

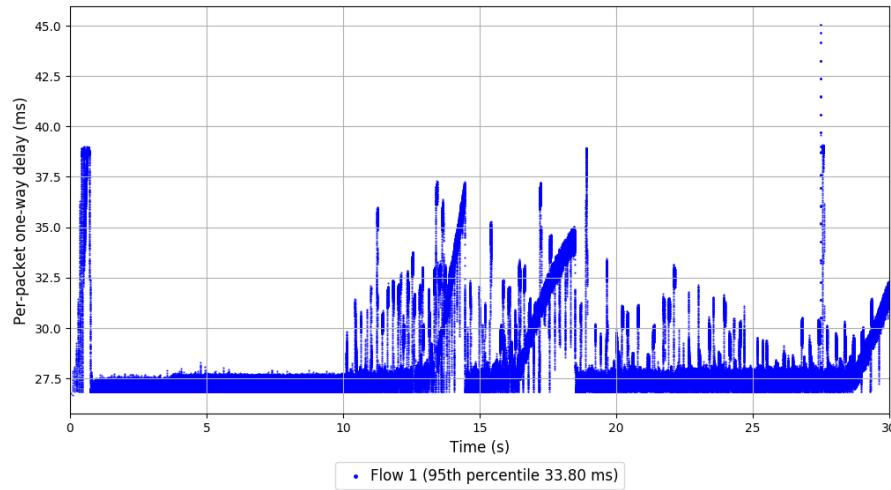
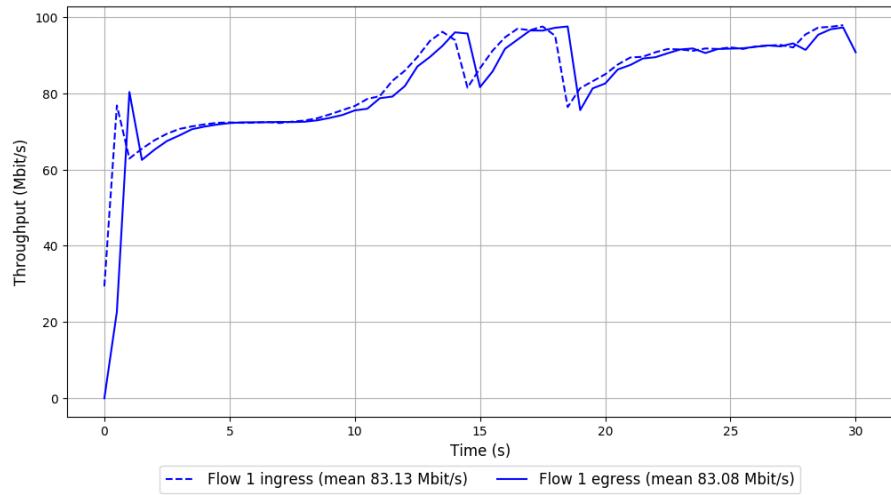


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-18 01:12:24
End at: 2018-07-18 01:12:54
Local clock offset: 0.52 ms
Remote clock offset: -0.827 ms

# Below is generated by plot.py at 2018-07-18 05:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: 33.799 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: 33.799 ms
Loss rate: 0.26%
```

Run 1: Report of TCP Cubic — Data Link

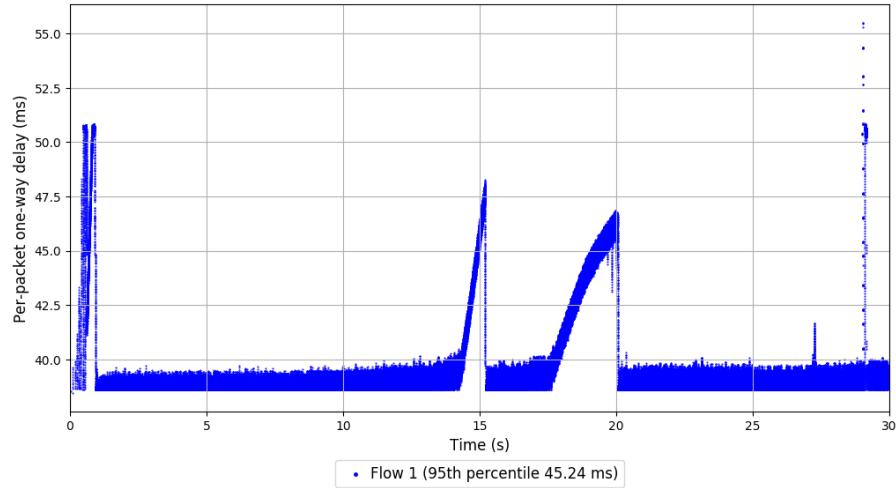
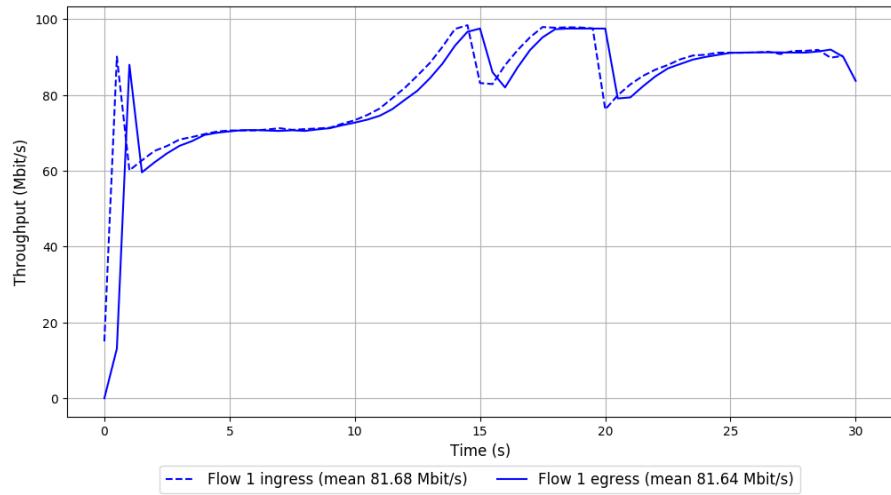


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-18 01:34:41
End at: 2018-07-18 01:35:11
Local clock offset: 0.434 ms
Remote clock offset: -2.744 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.64 Mbit/s
95th percentile per-packet one-way delay: 45.237 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 81.64 Mbit/s
95th percentile per-packet one-way delay: 45.237 ms
Loss rate: 0.28%
```

Run 2: Report of TCP Cubic — Data Link

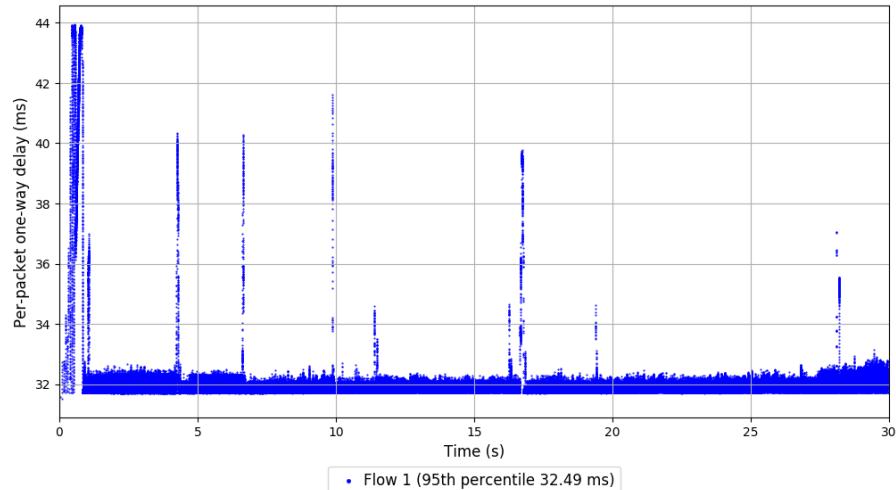
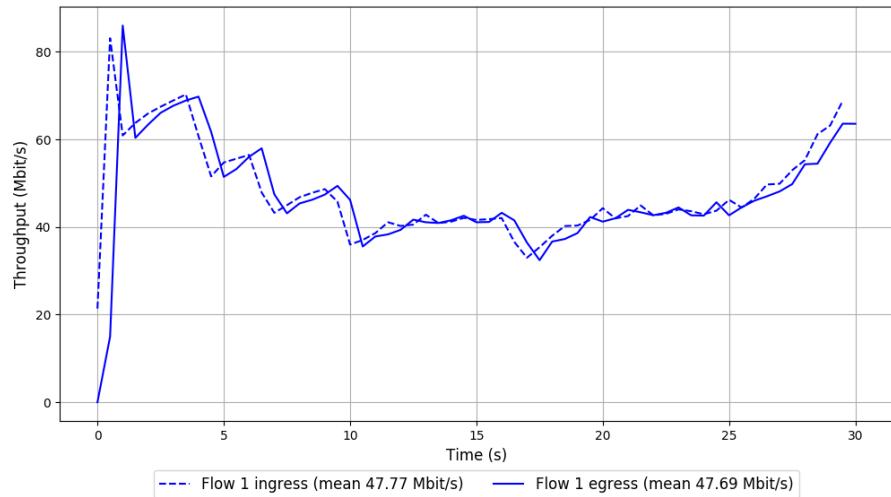


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-18 01:57:07
End at: 2018-07-18 01:57:37
Local clock offset: 0.664 ms
Remote clock offset: 2.179 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 32.493 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 32.493 ms
Loss rate: 0.40%
```

Run 3: Report of TCP Cubic — Data Link

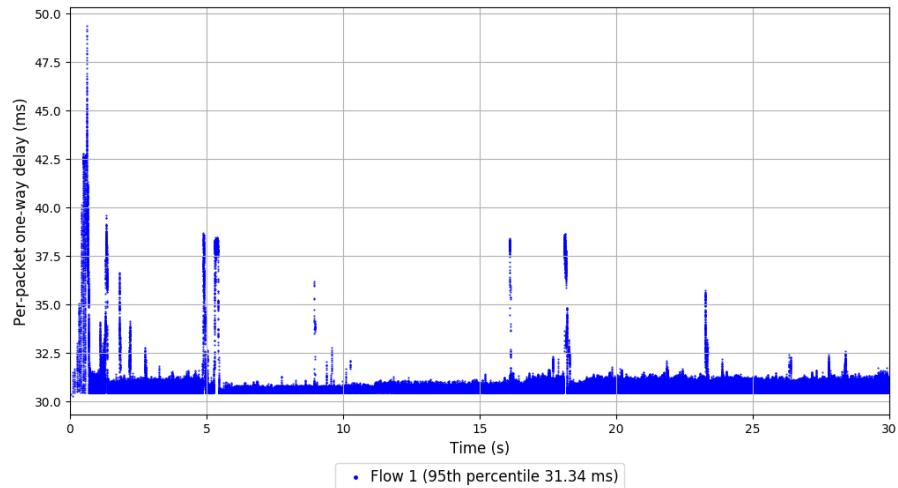
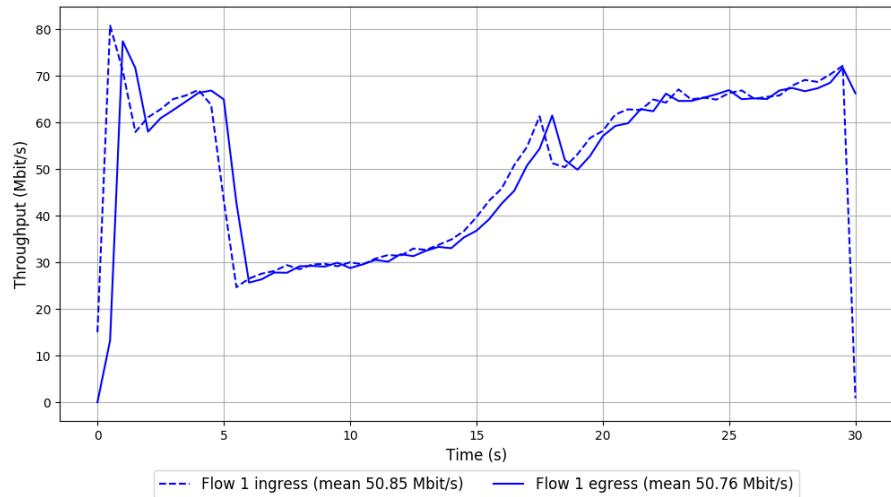


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-18 02:20:02
End at: 2018-07-18 02:20:32
Local clock offset: 0.751 ms
Remote clock offset: 3.155 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.76 Mbit/s
95th percentile per-packet one-way delay: 31.338 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.76 Mbit/s
95th percentile per-packet one-way delay: 31.338 ms
Loss rate: 0.42%
```

Run 4: Report of TCP Cubic — Data Link

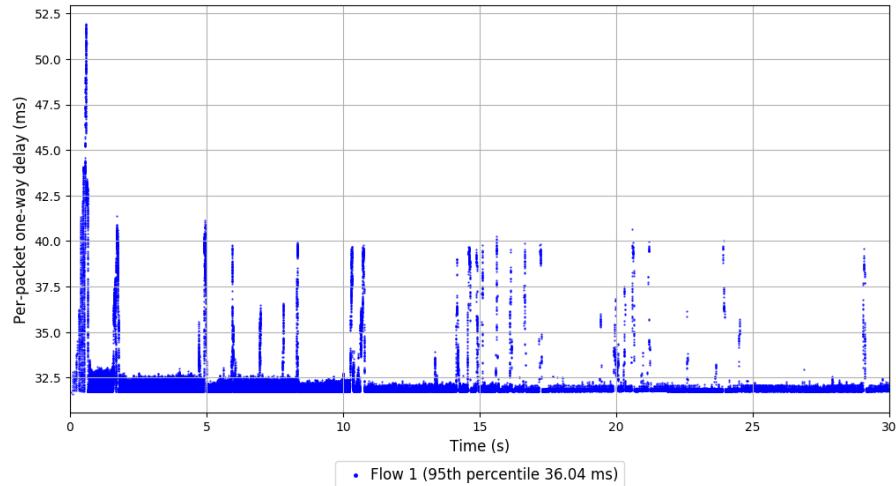
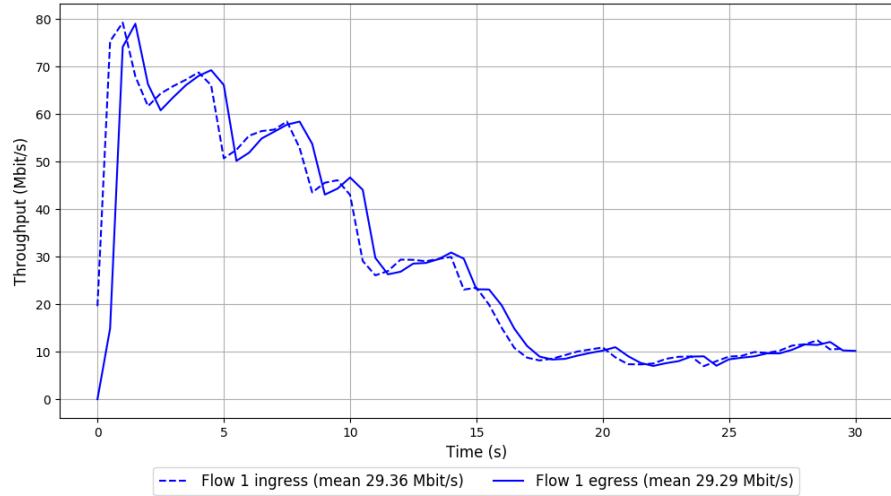


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-18 02:43:51
End at: 2018-07-18 02:44:21
Local clock offset: 0.868 ms
Remote clock offset: 1.825 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 36.038 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 36.038 ms
Loss rate: 0.50%
```

Run 5: Report of TCP Cubic — Data Link

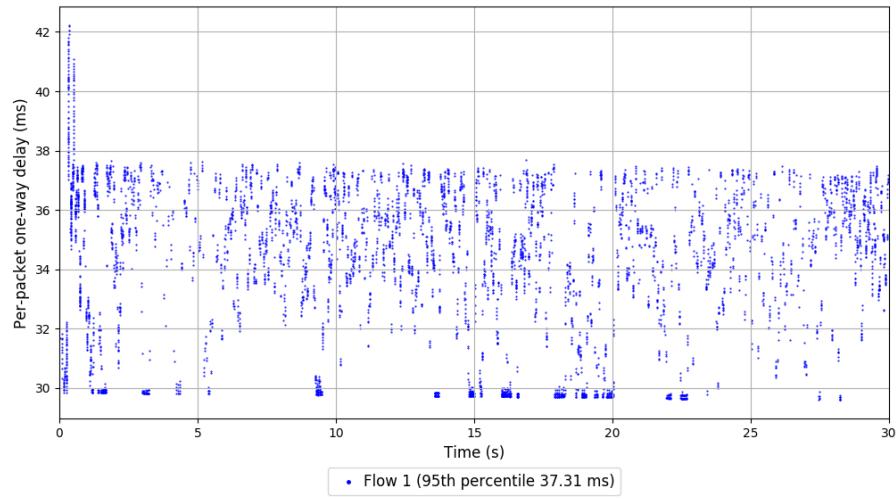
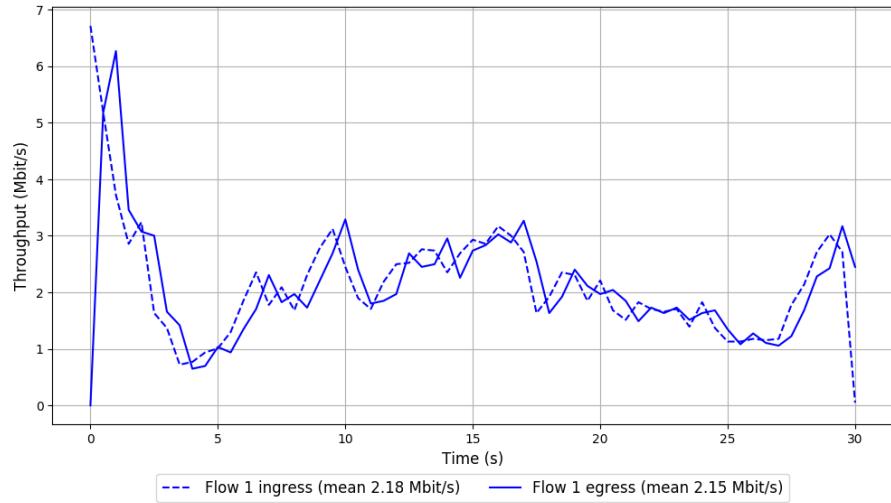


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-18 03:08:18
End at: 2018-07-18 03:08:48
Local clock offset: 1.318 ms
Remote clock offset: 2.941 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 37.306 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 37.306 ms
Loss rate: 1.52%
```

Run 6: Report of TCP Cubic — Data Link

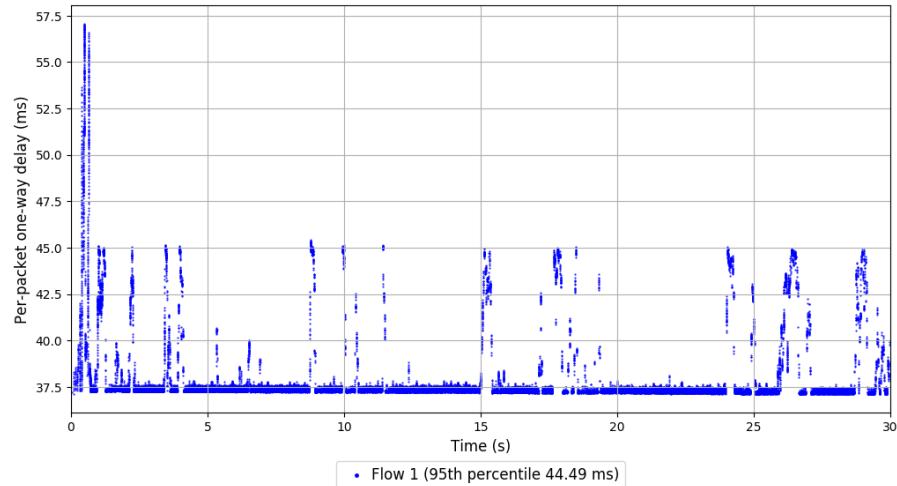
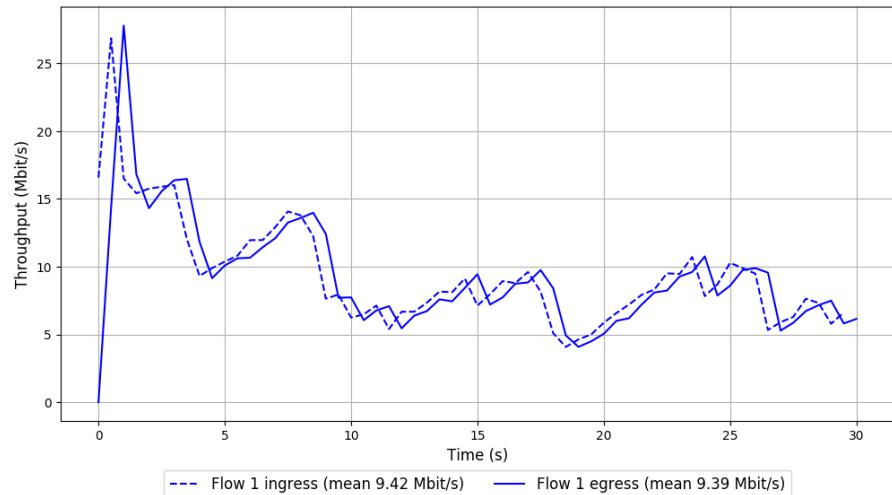


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-18 03:34:59
End at: 2018-07-18 03:35:29
Local clock offset: 11.03 ms
Remote clock offset: -10.553 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.39 Mbit/s
95th percentile per-packet one-way delay: 44.488 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 9.39 Mbit/s
95th percentile per-packet one-way delay: 44.488 ms
Loss rate: 0.54%
```

Run 7: Report of TCP Cubic — Data Link

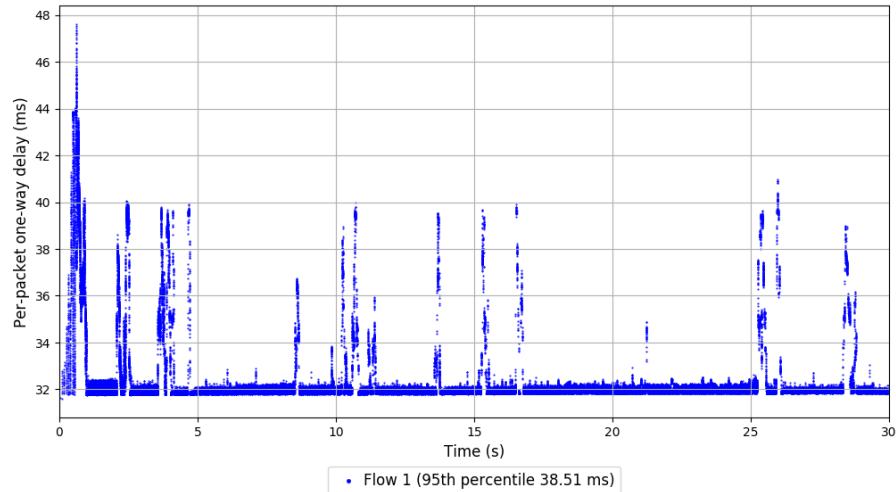
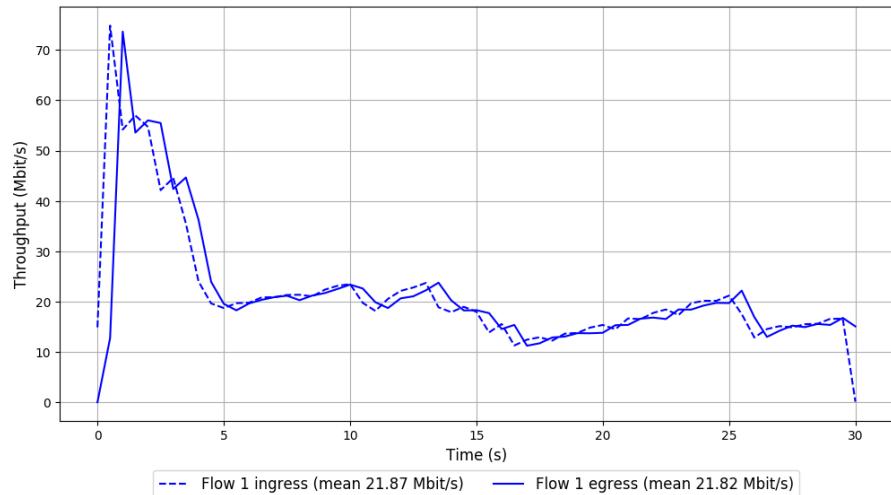


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-18 03:58:53
End at: 2018-07-18 03:59:23
Local clock offset: 12.257 ms
Remote clock offset: 0.982 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.82 Mbit/s
95th percentile per-packet one-way delay: 38.509 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 21.82 Mbit/s
95th percentile per-packet one-way delay: 38.509 ms
Loss rate: 0.46%
```

Run 8: Report of TCP Cubic — Data Link

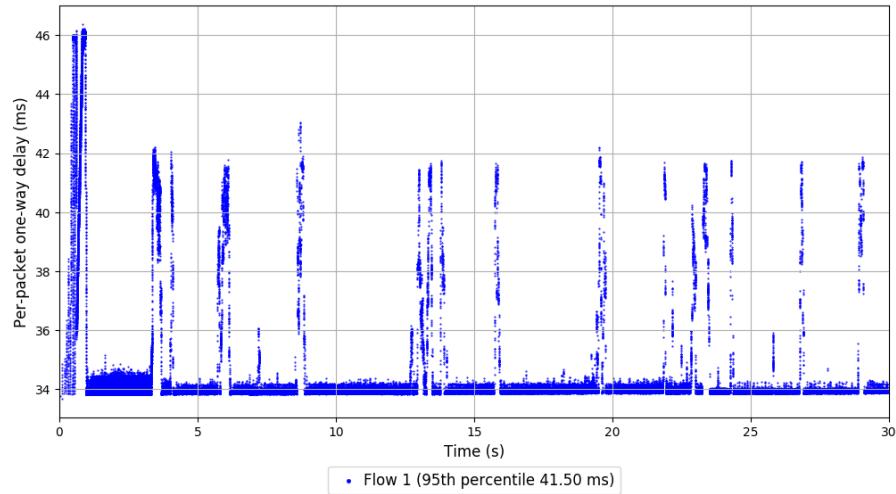
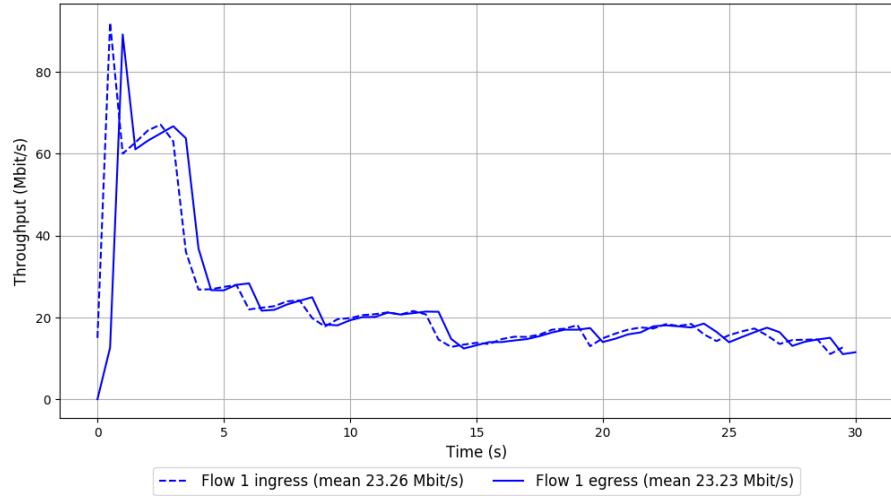


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-18 04:25:17
End at: 2018-07-18 04:25:47
Local clock offset: 11.625 ms
Remote clock offset: -0.467 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 41.502 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 41.502 ms
Loss rate: 0.36%
```

Run 9: Report of TCP Cubic — Data Link

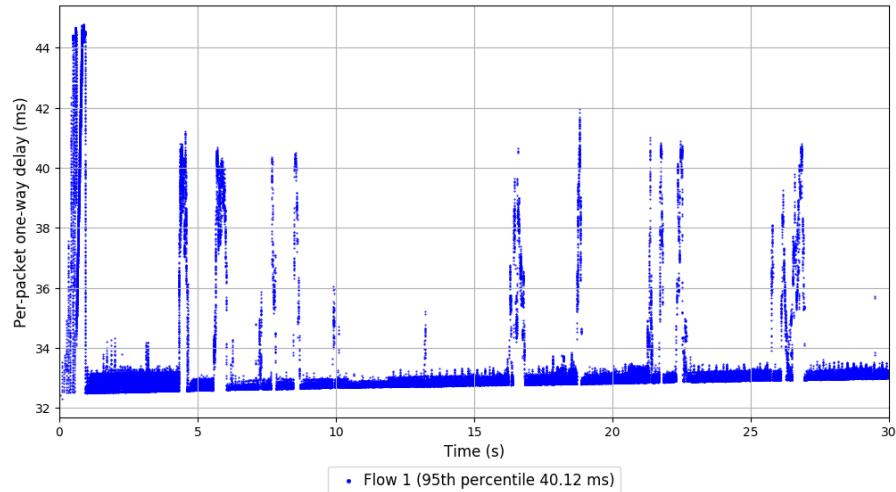
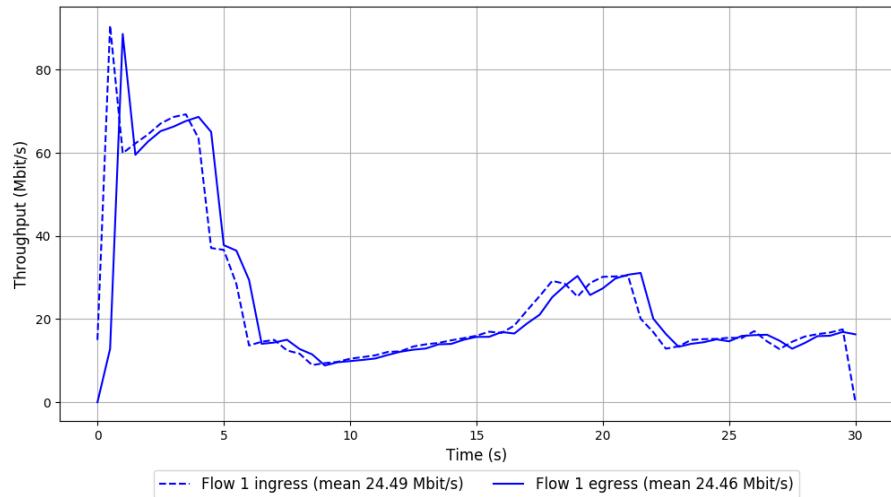


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-18 04:49:03
End at: 2018-07-18 04:49:33
Local clock offset: 9.321 ms
Remote clock offset: 1.522 ms

# Below is generated by plot.py at 2018-07-18 05:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 40.118 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 40.118 ms
Loss rate: 0.33%
```

Run 10: Report of TCP Cubic — Data Link

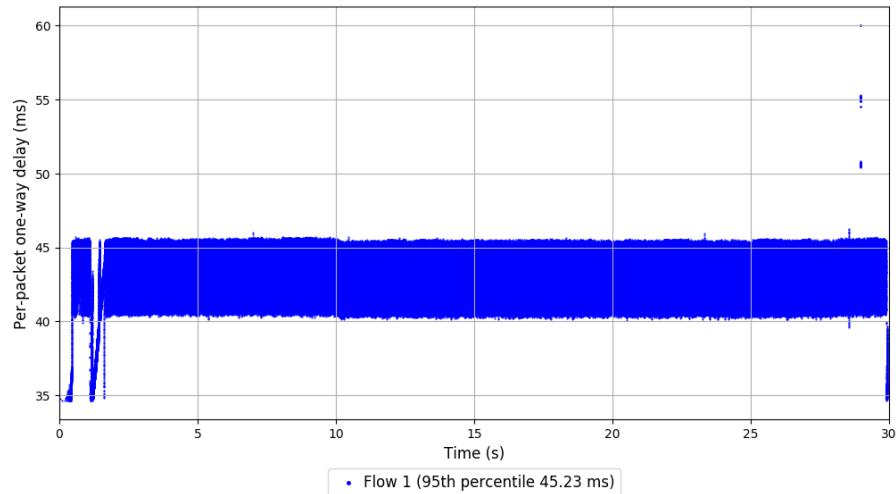
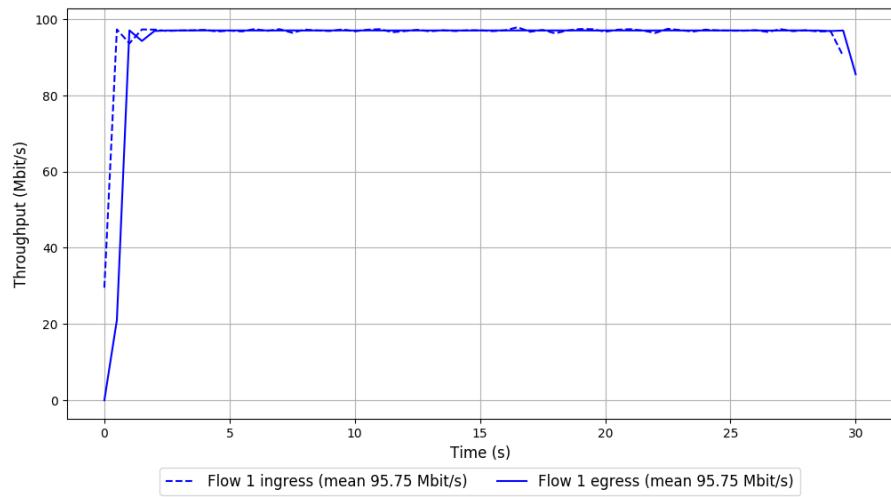


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-18 01:08:32
End at: 2018-07-18 01:09:02
Local clock offset: 0.628 ms
Remote clock offset: -8.777 ms

# Below is generated by plot.py at 2018-07-18 05:15:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 45.232 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 45.232 ms
Loss rate: 0.22%
```

Run 1: Report of FillP — Data Link

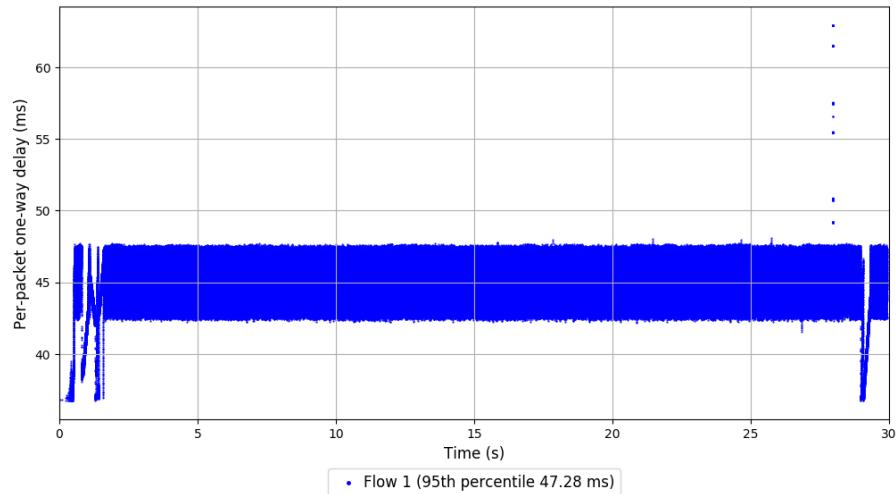
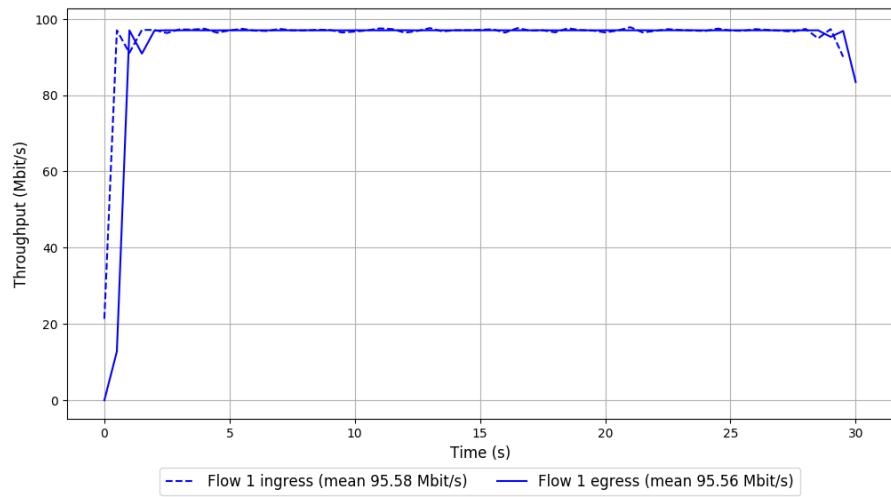


Run 2: Statistics of FillP

```
Start at: 2018-07-18 01:30:49
End at: 2018-07-18 01:31:19
Local clock offset: 0.52 ms
Remote clock offset: -0.865 ms

# Below is generated by plot.py at 2018-07-18 05:15:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 47.278 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 47.278 ms
Loss rate: 0.28%
```

Run 2: Report of FillP — Data Link

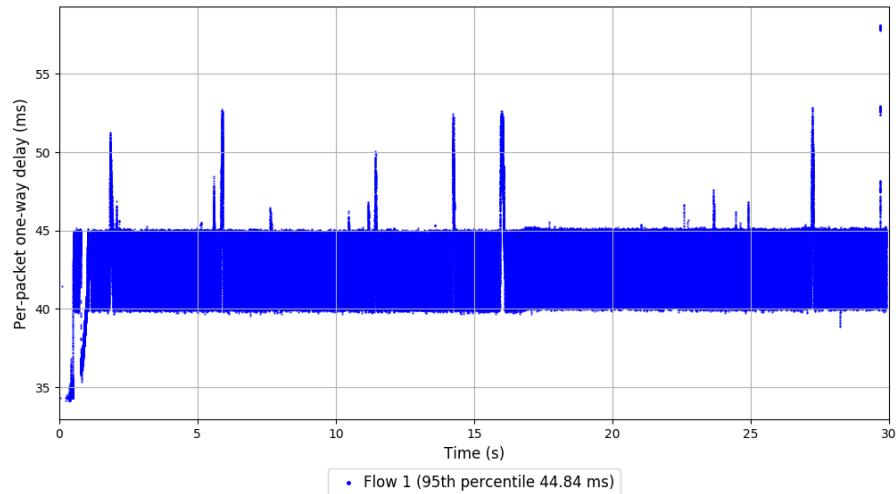
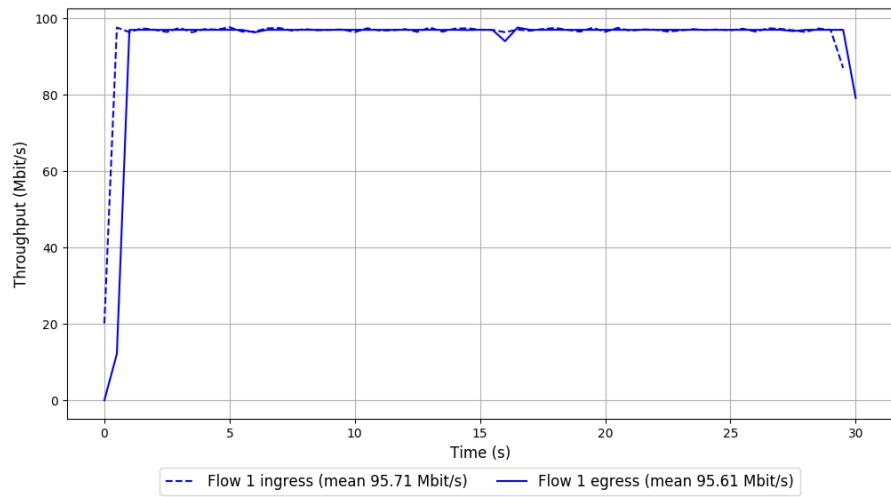


Run 3: Statistics of FillP

```
Start at: 2018-07-18 01:53:09
End at: 2018-07-18 01:53:39
Local clock offset: 0.669 ms
Remote clock offset: -0.492 ms

# Below is generated by plot.py at 2018-07-18 05:15:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 44.842 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 44.842 ms
Loss rate: 0.34%
```

Run 3: Report of FillP — Data Link

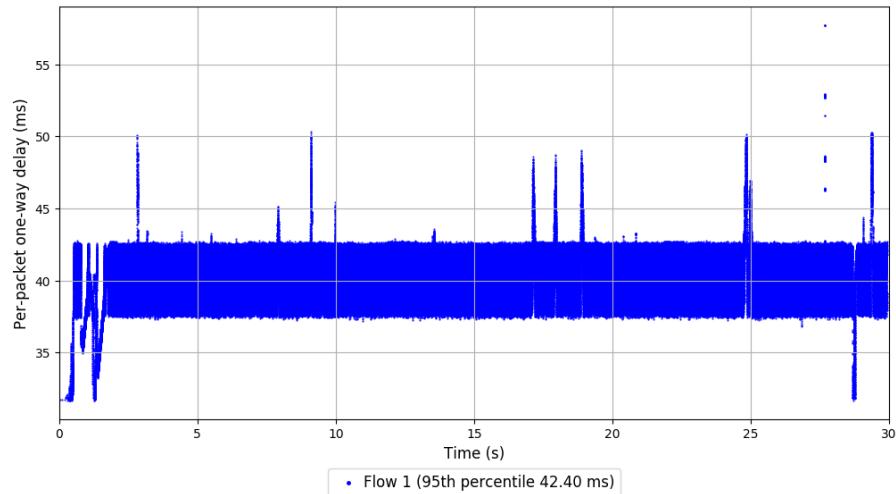
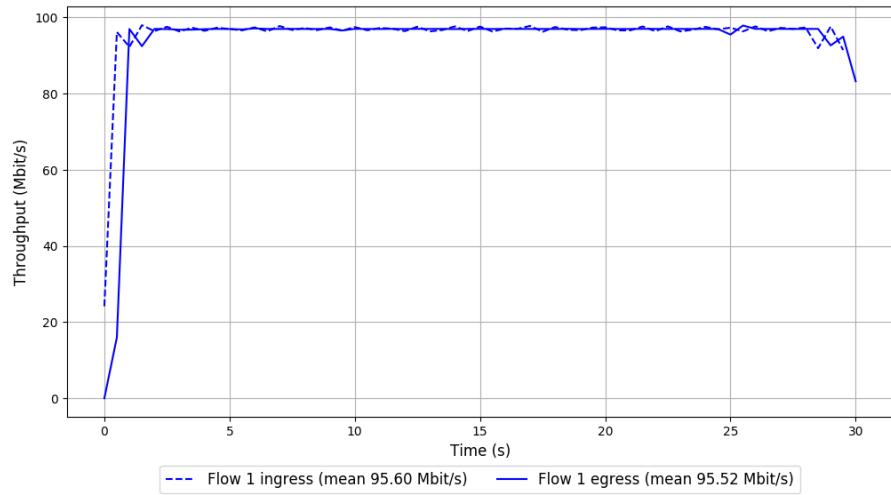


Run 4: Statistics of FillP

```
Start at: 2018-07-18 02:16:04
End at: 2018-07-18 02:16:34
Local clock offset: 0.823 ms
Remote clock offset: 1.807 ms

# Below is generated by plot.py at 2018-07-18 05:15:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 42.401 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 42.401 ms
Loss rate: 0.34%
```

Run 4: Report of FillP — Data Link

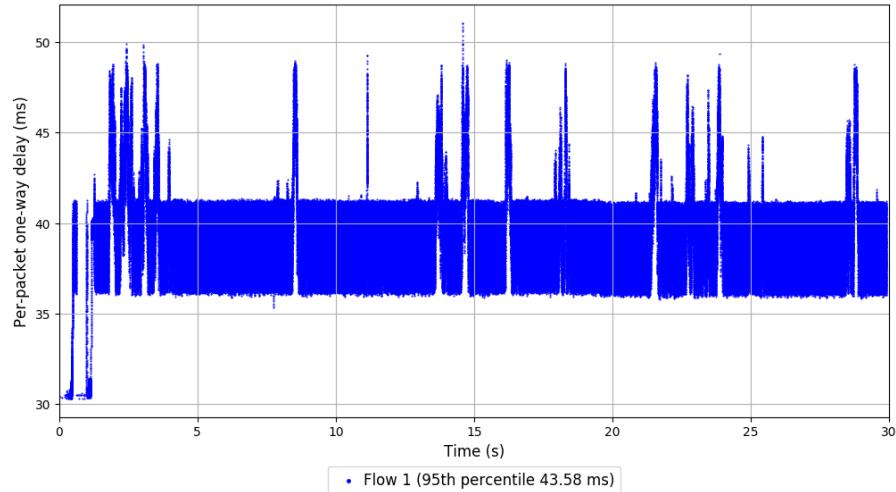
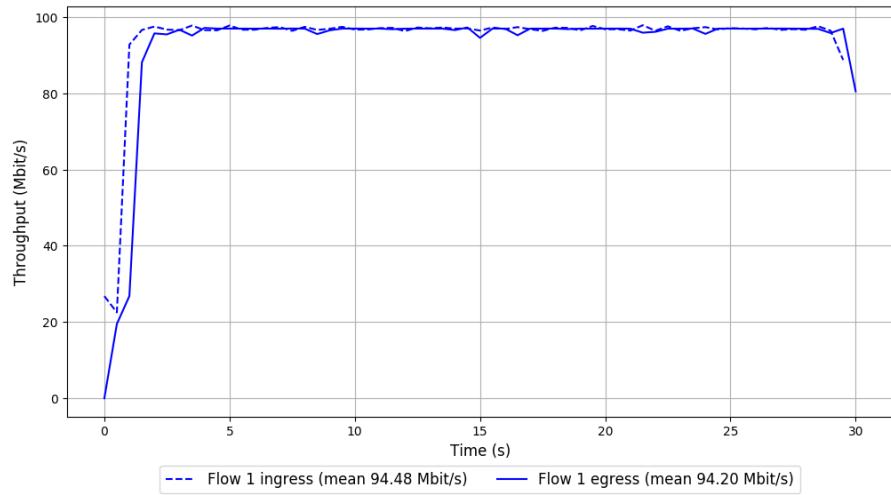


Run 5: Statistics of FillP

```
Start at: 2018-07-18 02:39:47
End at: 2018-07-18 02:40:17
Local clock offset: 0.869 ms
Remote clock offset: 3.203 ms

# Below is generated by plot.py at 2018-07-18 05:15:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 43.578 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 43.578 ms
Loss rate: 0.54%
```

Run 5: Report of FillP — Data Link

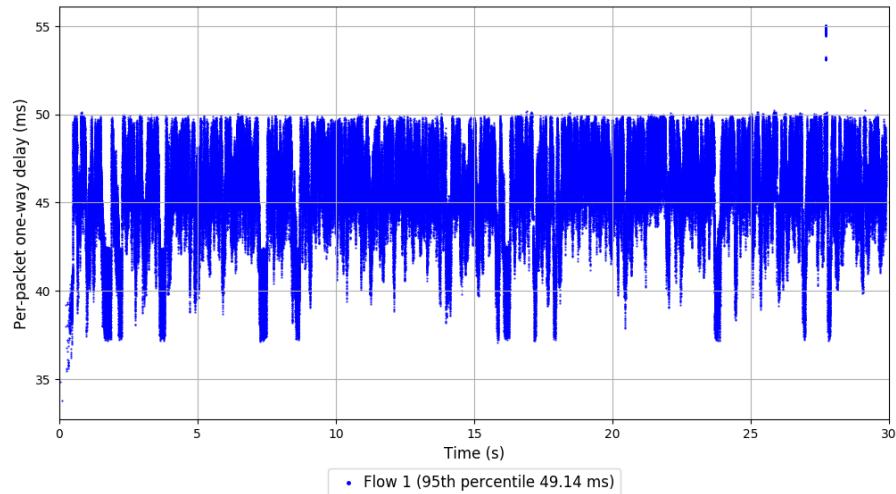
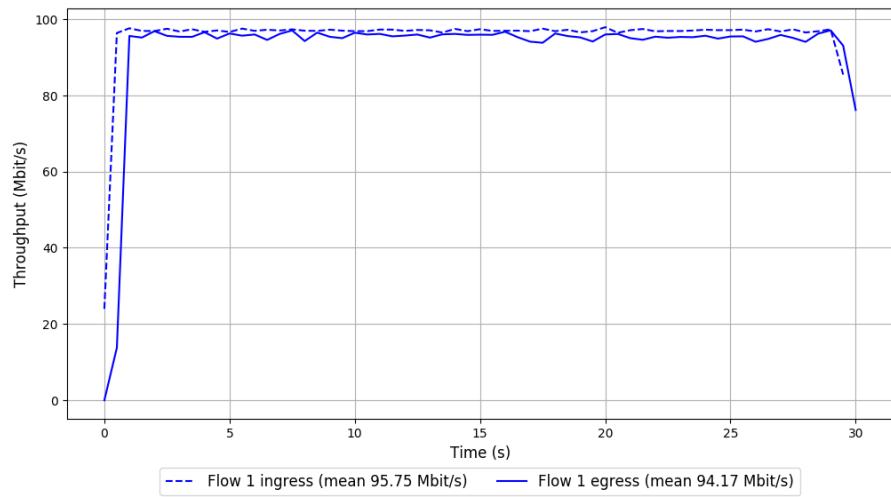


Run 6: Statistics of FillP

```
Start at: 2018-07-18 03:03:20
End at: 2018-07-18 03:03:50
Local clock offset: 1.26 ms
Remote clock offset: 1.97 ms

# Below is generated by plot.py at 2018-07-18 05:15:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 49.137 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 49.137 ms
Loss rate: 1.90%
```

Run 6: Report of FillP — Data Link

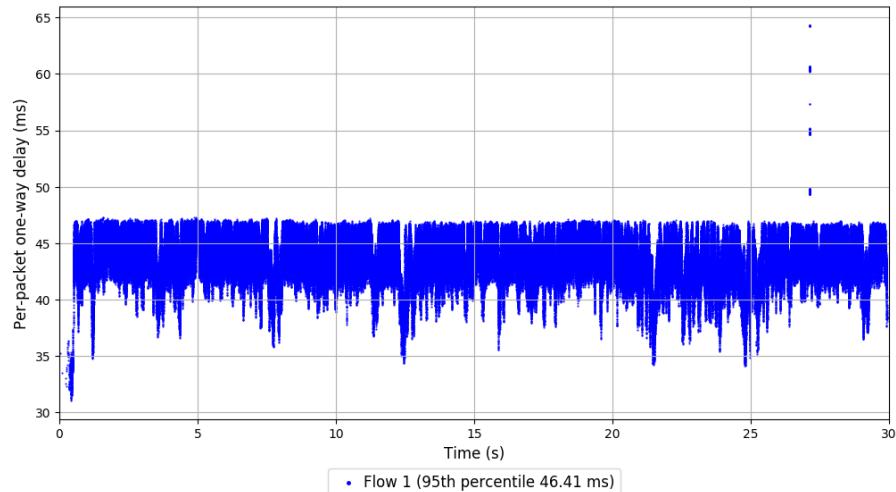
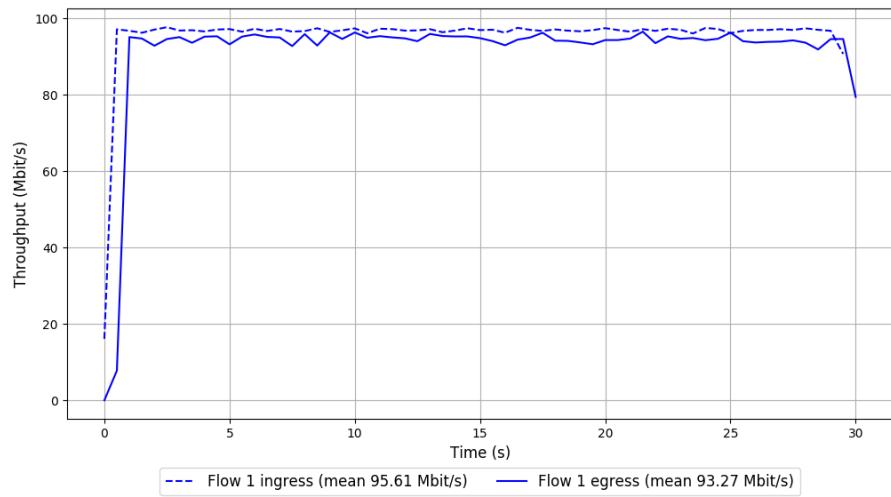


Run 7: Statistics of FillP

```
Start at: 2018-07-18 03:30:04
End at: 2018-07-18 03:30:34
Local clock offset: 9.475 ms
Remote clock offset: -1.657 ms

# Below is generated by plot.py at 2018-07-18 05:15:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 46.415 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 46.415 ms
Loss rate: 2.70%
```

Run 7: Report of FillP — Data Link

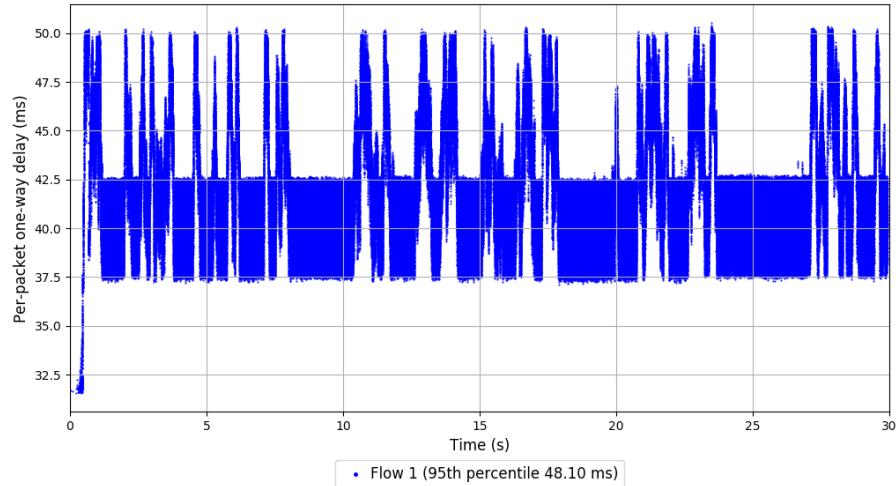
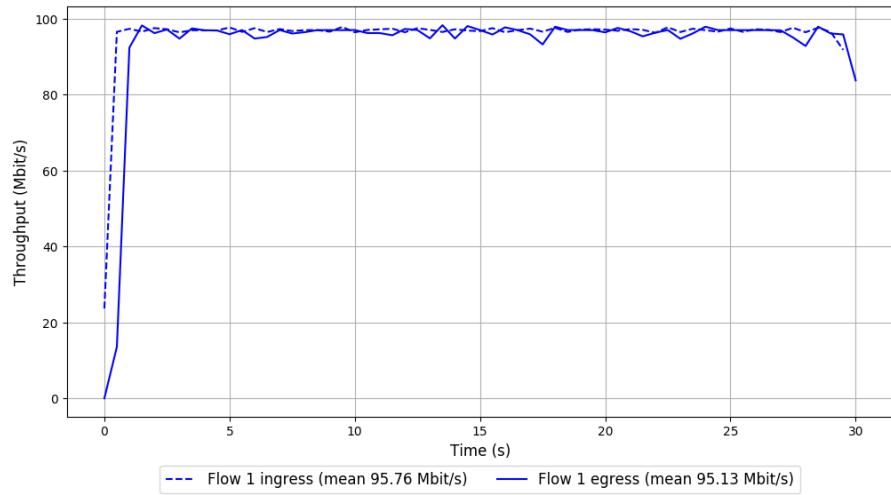


Run 8: Statistics of FillP

```
Start at: 2018-07-18 03:54:39
End at: 2018-07-18 03:55:09
Local clock offset: 12.295 ms
Remote clock offset: 0.267 ms

# Below is generated by plot.py at 2018-07-18 05:15:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 48.103 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 48.103 ms
Loss rate: 0.90%
```

Run 8: Report of FillP — Data Link

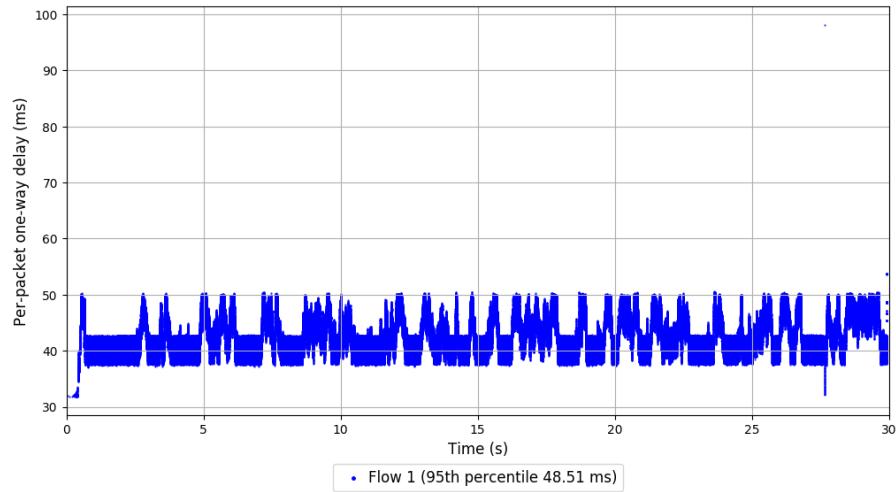
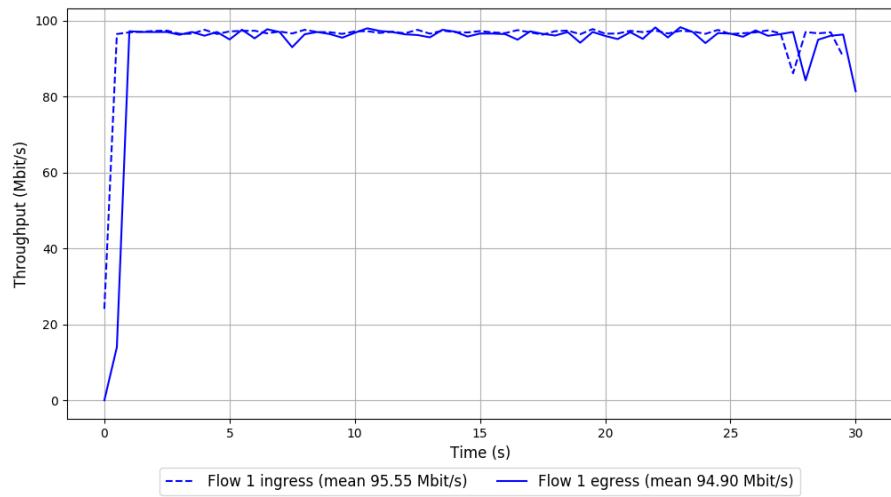


Run 9: Statistics of FillP

```
Start at: 2018-07-18 04:21:14
End at: 2018-07-18 04:21:44
Local clock offset: 12.274 ms
Remote clock offset: 1.613 ms

# Below is generated by plot.py at 2018-07-18 05:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.90 Mbit/s
95th percentile per-packet one-way delay: 48.513 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 94.90 Mbit/s
95th percentile per-packet one-way delay: 48.513 ms
Loss rate: 0.93%
```

Run 9: Report of FillP — Data Link

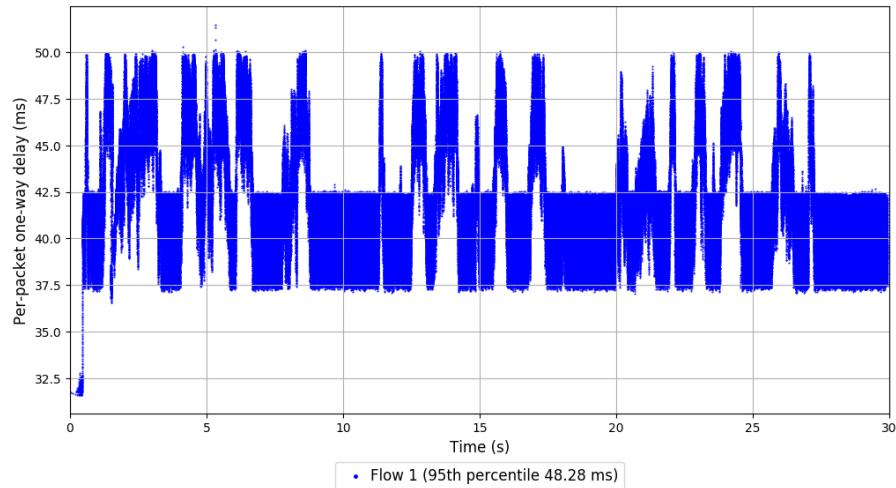
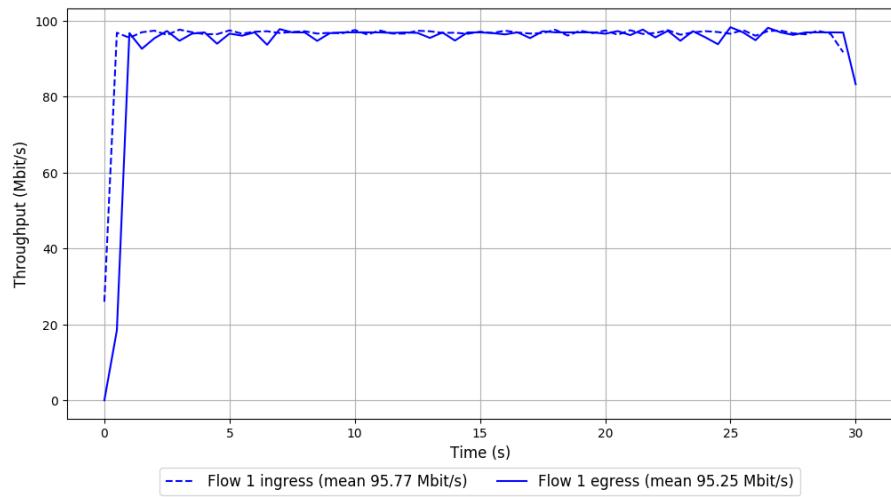


Run 10: Statistics of FillP

```
Start at: 2018-07-18 04:45:04
End at: 2018-07-18 04:45:34
Local clock offset: 11.332 ms
Remote clock offset: 1.509 ms

# Below is generated by plot.py at 2018-07-18 05:16:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 48.283 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 48.283 ms
Loss rate: 0.78%
```

Run 10: Report of FillP — Data Link

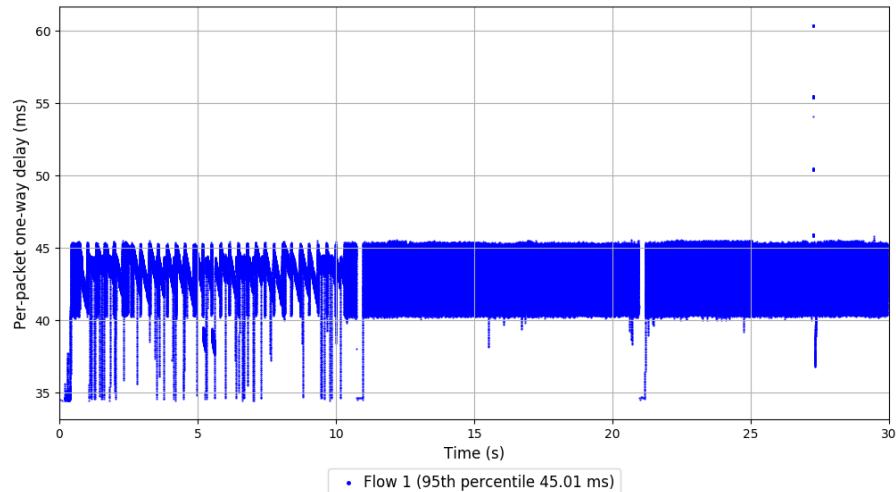
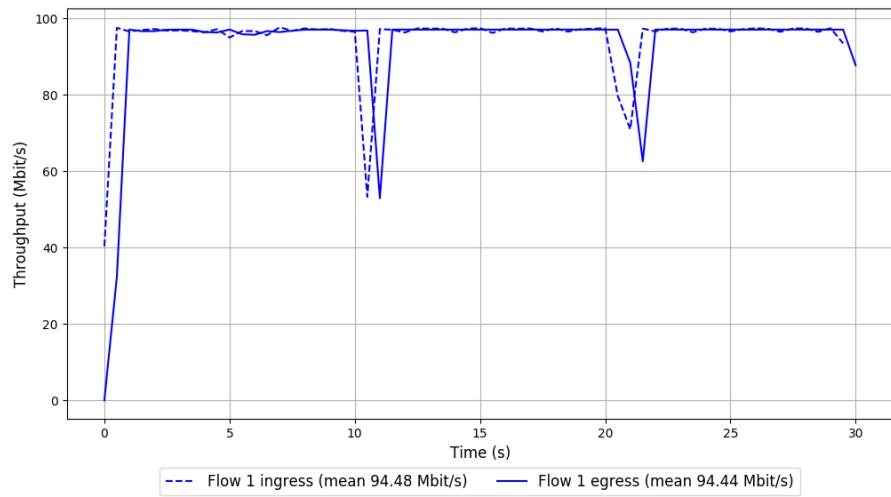


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-07-18 01:09:50
End at: 2018-07-18 01:10:21
Local clock offset: 0.613 ms
Remote clock offset: -8.694 ms

# Below is generated by plot.py at 2018-07-18 05:16:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 45.007 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 45.007 ms
Loss rate: 0.26%
```

Run 1: Report of FillP-Sheep — Data Link

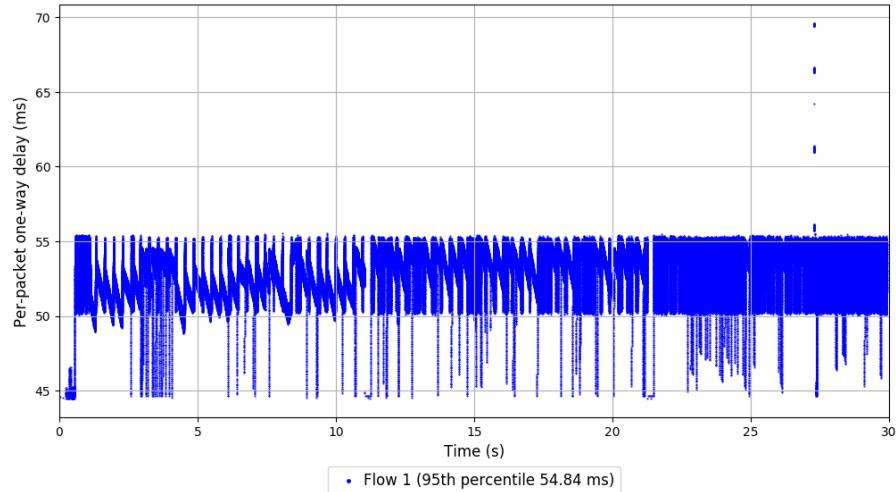
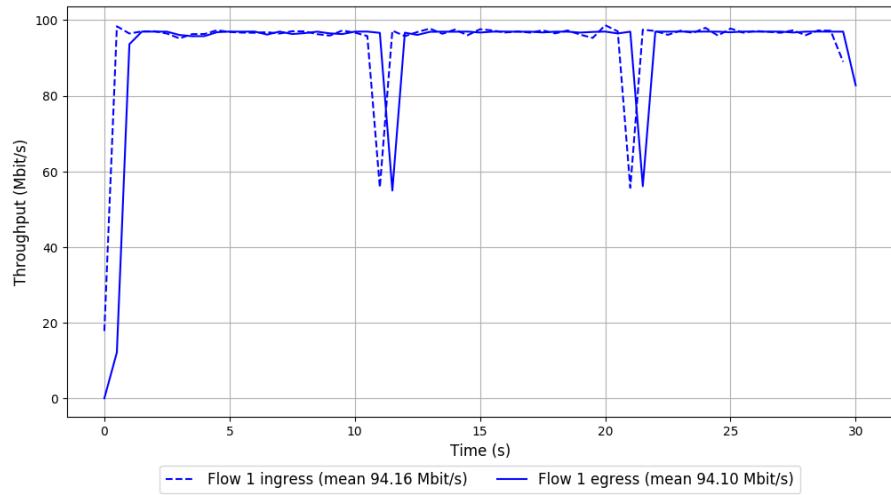


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-18 01:32:08
End at: 2018-07-18 01:32:38
Local clock offset: 0.534 ms
Remote clock offset: -8.725 ms

# Below is generated by plot.py at 2018-07-18 05:16:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 54.836 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 54.836 ms
Loss rate: 0.31%
```

Run 2: Report of FillP-Sheep — Data Link

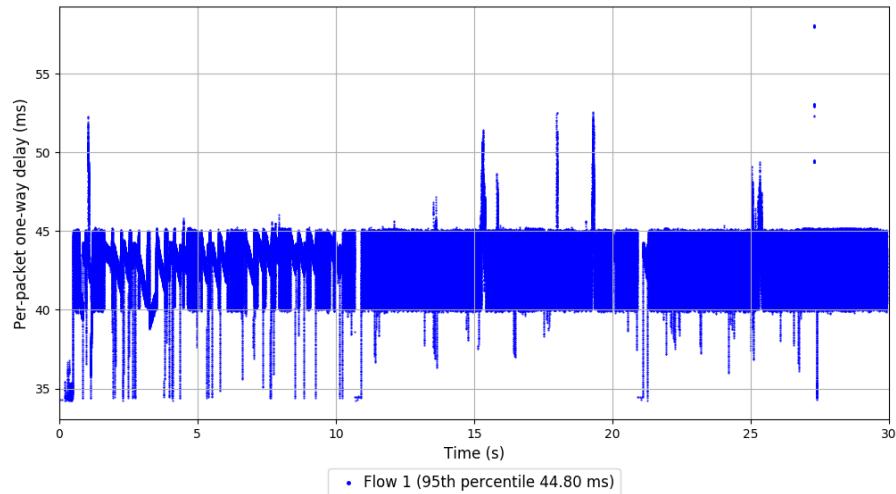
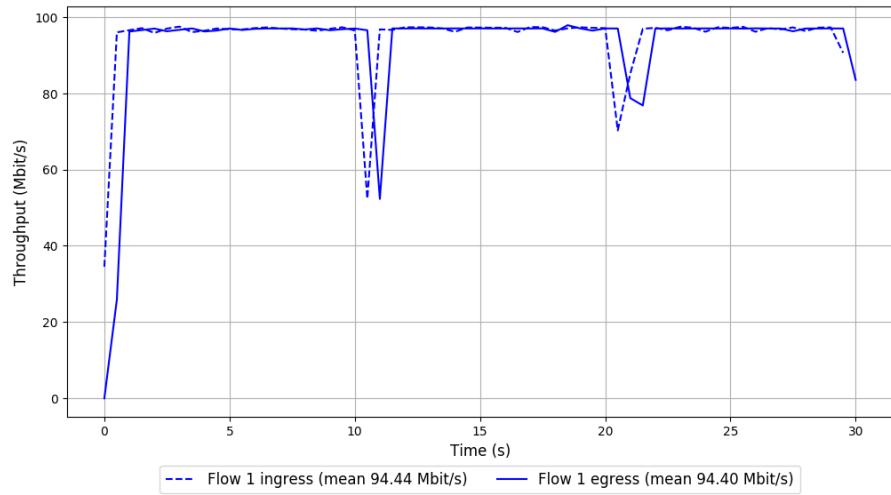


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-18 01:54:29
End at: 2018-07-18 01:54:59
Local clock offset: 0.711 ms
Remote clock offset: -0.489 ms

# Below is generated by plot.py at 2018-07-18 05:17:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 0.30%
```

Run 3: Report of FillP-Sheep — Data Link

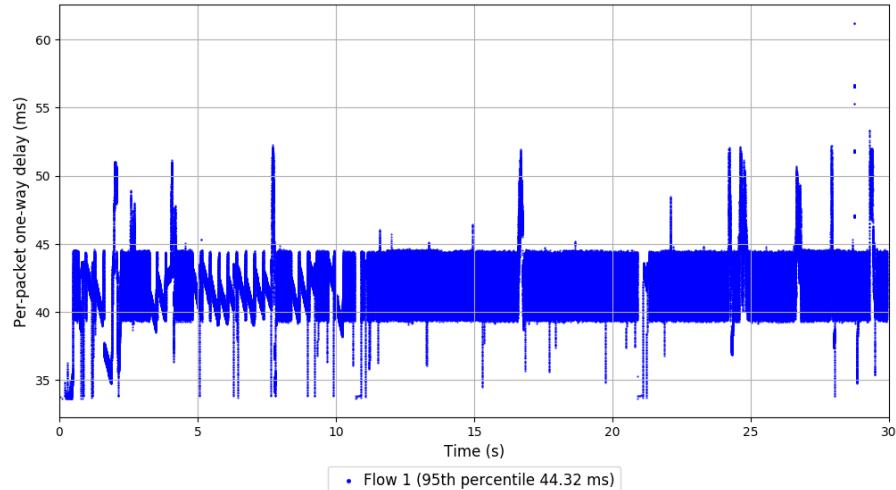
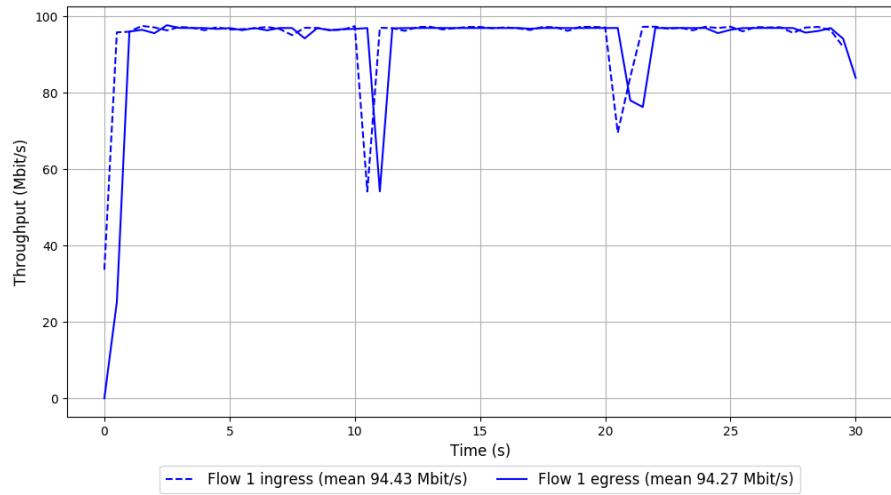


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-18 02:17:25
End at: 2018-07-18 02:17:55
Local clock offset: 0.823 ms
Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2018-07-18 05:17:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 44.319 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 44.319 ms
Loss rate: 0.42%
```

Run 4: Report of FillP-Sheep — Data Link

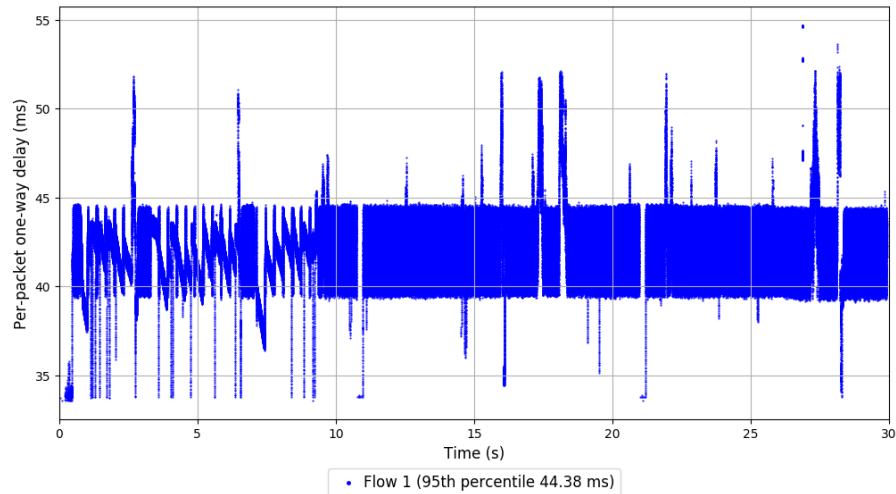
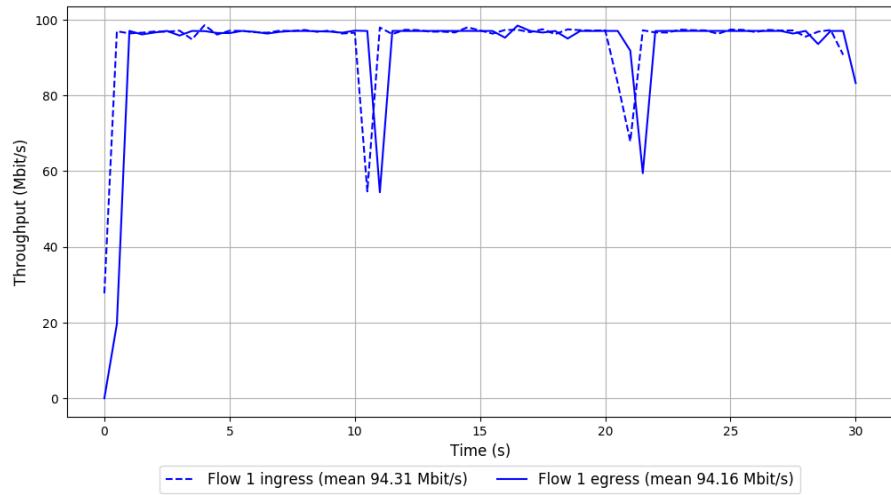


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-18 02:41:13
End at: 2018-07-18 02:41:43
Local clock offset: 0.784 ms
Remote clock offset: -0.198 ms

# Below is generated by plot.py at 2018-07-18 05:17:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 44.378 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 44.378 ms
Loss rate: 0.40%
```

Run 5: Report of FillP-Sheep — Data Link

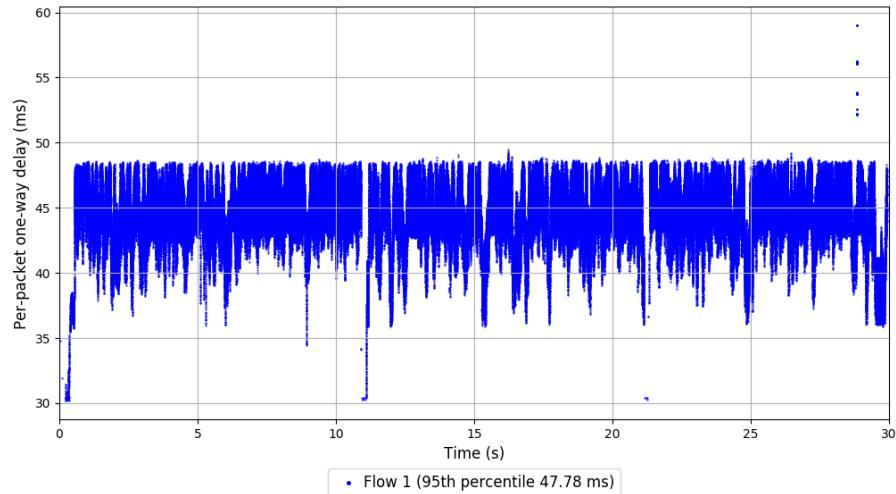
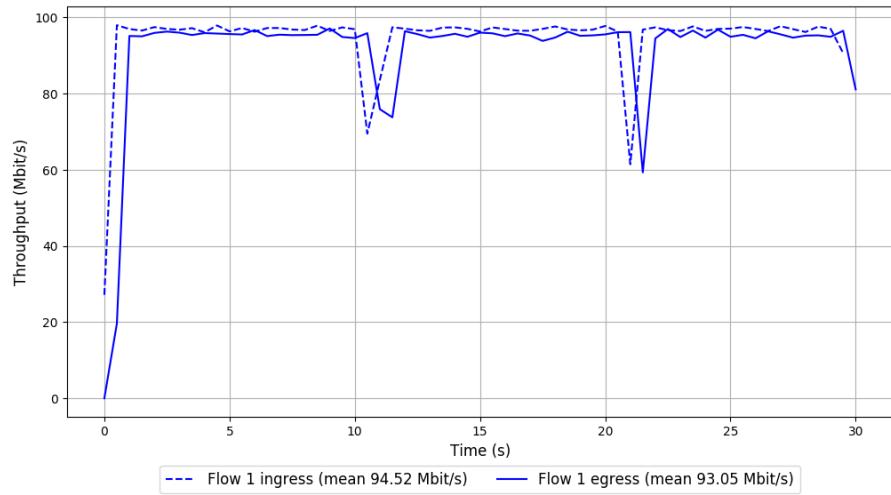


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-18 03:05:07
End at: 2018-07-18 03:05:37
Local clock offset: 1.197 ms
Remote clock offset: 3.263 ms

# Below is generated by plot.py at 2018-07-18 05:17:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 47.779 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 47.779 ms
Loss rate: 1.81%
```

Run 6: Report of FillP-Sheep — Data Link

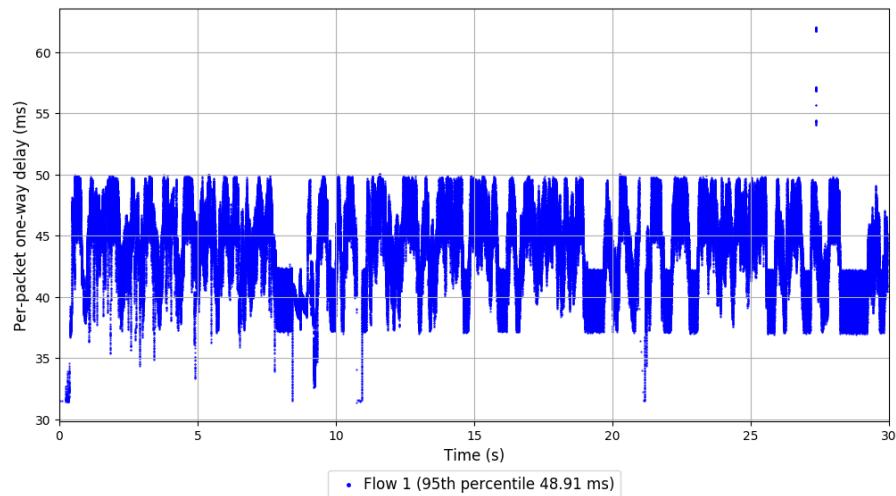
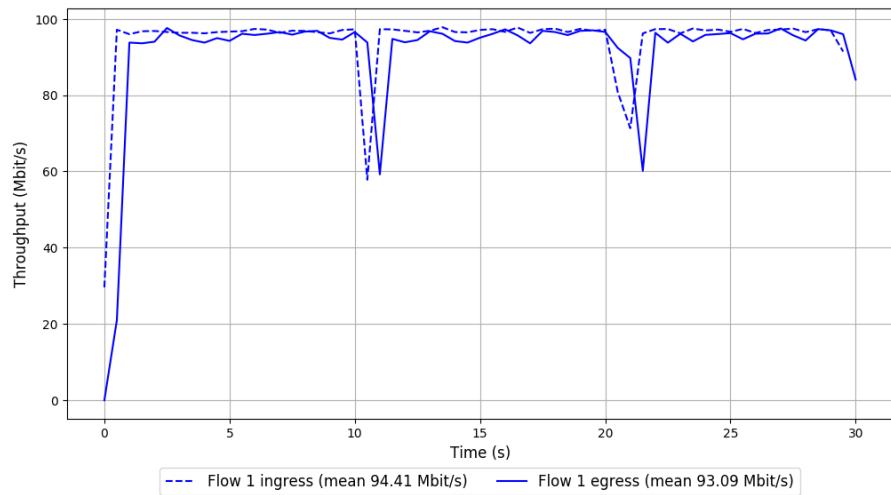


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-18 03:32:08
End at: 2018-07-18 03:32:38
Local clock offset: 10.253 ms
Remote clock offset: -4.616 ms

# Below is generated by plot.py at 2018-07-18 05:18:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 48.907 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 48.907 ms
Loss rate: 1.64%
```

Run 7: Report of FillP-Sheep — Data Link

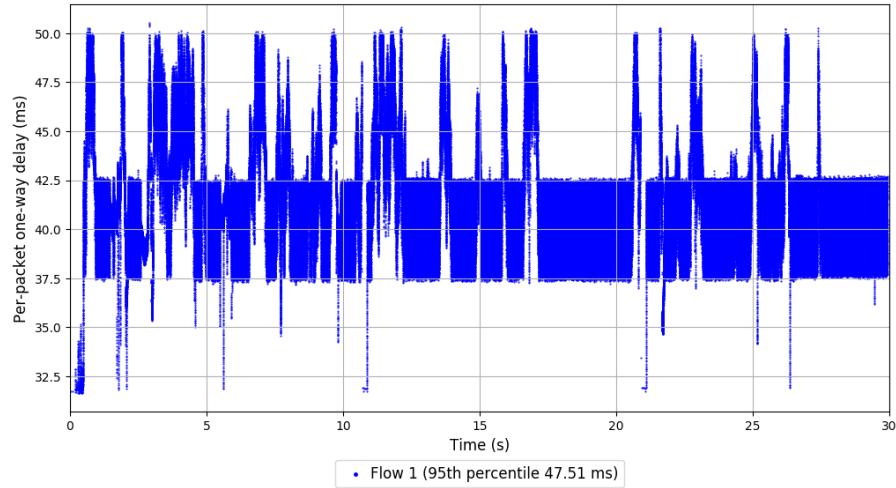
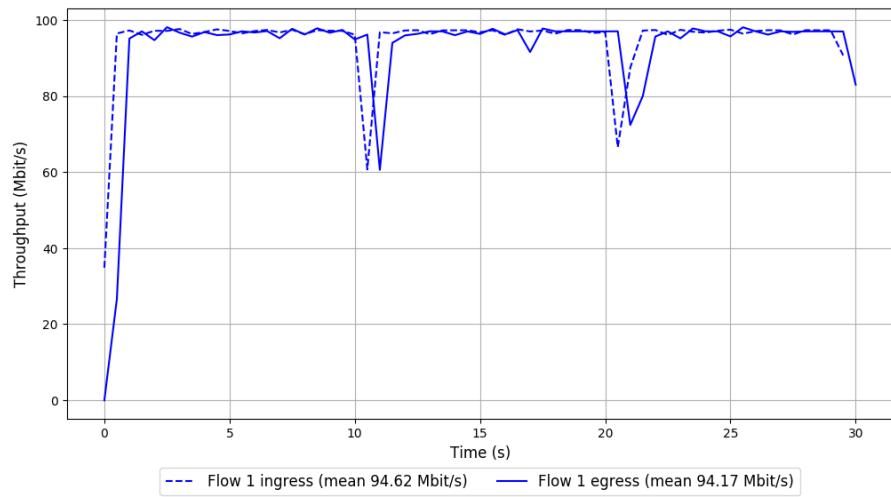


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-18 03:56:05
End at: 2018-07-18 03:56:35
Local clock offset: 12.315 ms
Remote clock offset: 0.522 ms

# Below is generated by plot.py at 2018-07-18 05:18:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 47.507 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 47.507 ms
Loss rate: 0.73%
```

Run 8: Report of FillP-Sheep — Data Link

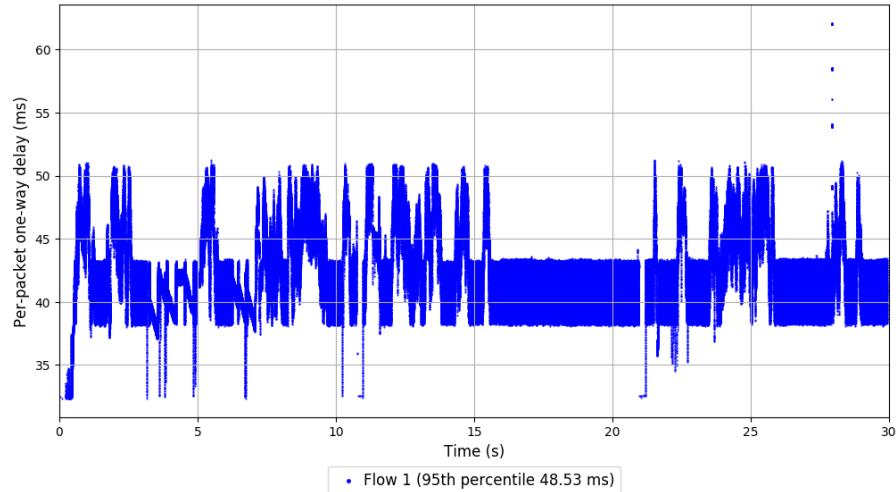
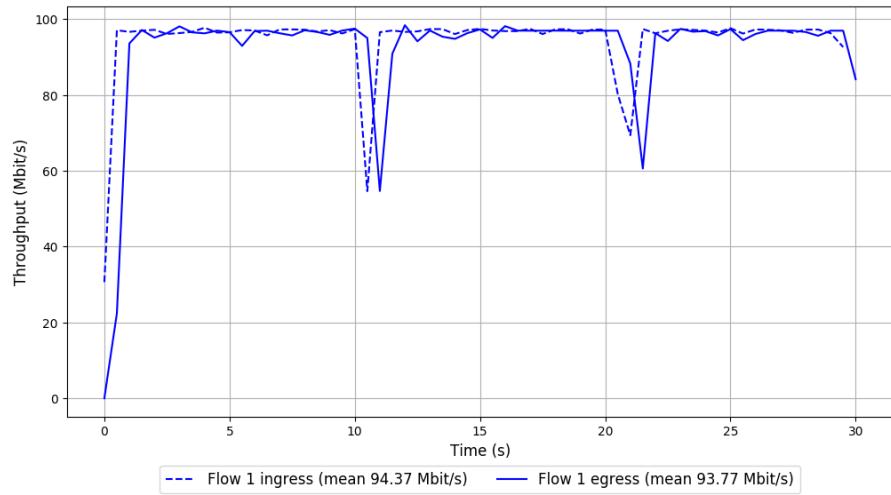


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-18 04:22:38
End at: 2018-07-18 04:23:08
Local clock offset: 11.924 ms
Remote clock offset: 0.87 ms

# Below is generated by plot.py at 2018-07-18 05:18:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 48.532 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 48.532 ms
Loss rate: 0.89%
```

Run 9: Report of FillP-Sheep — Data Link

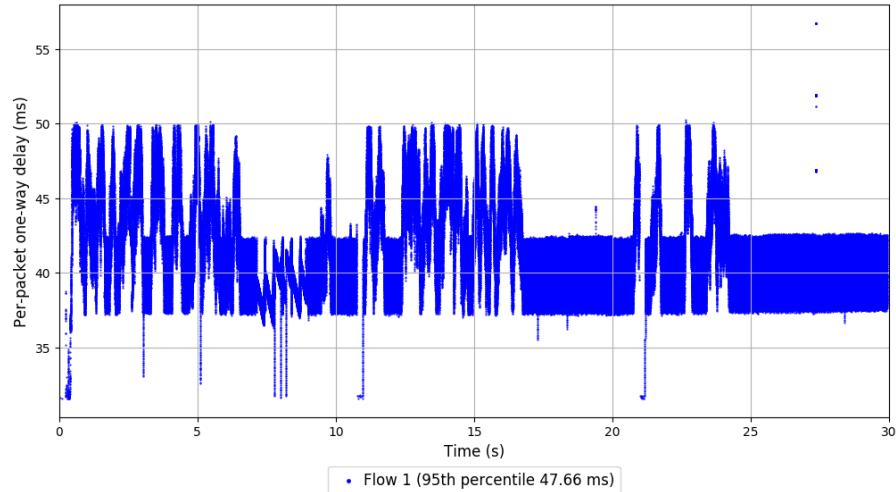
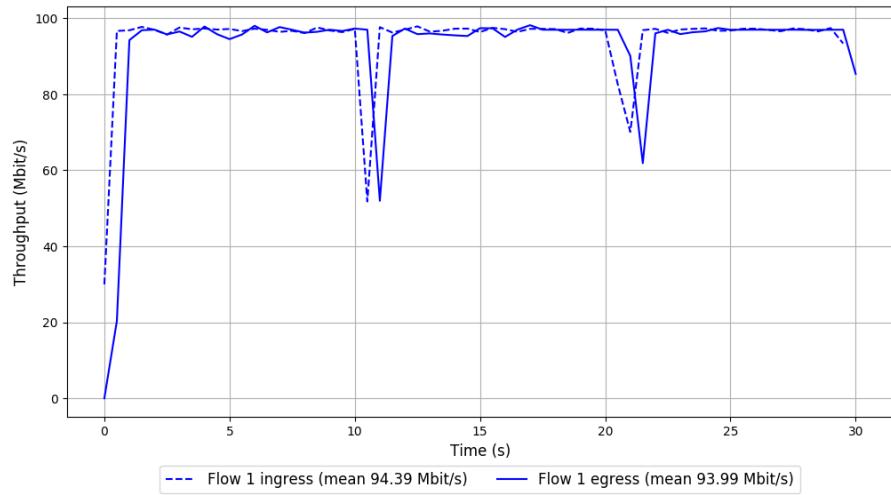


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-18 04:46:26
End at: 2018-07-18 04:46:56
Local clock offset: 11.394 ms
Remote clock offset: 1.572 ms

# Below is generated by plot.py at 2018-07-18 05:18:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 47.655 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 47.655 ms
Loss rate: 0.68%
```

Run 10: Report of FillP-Sheep — Data Link

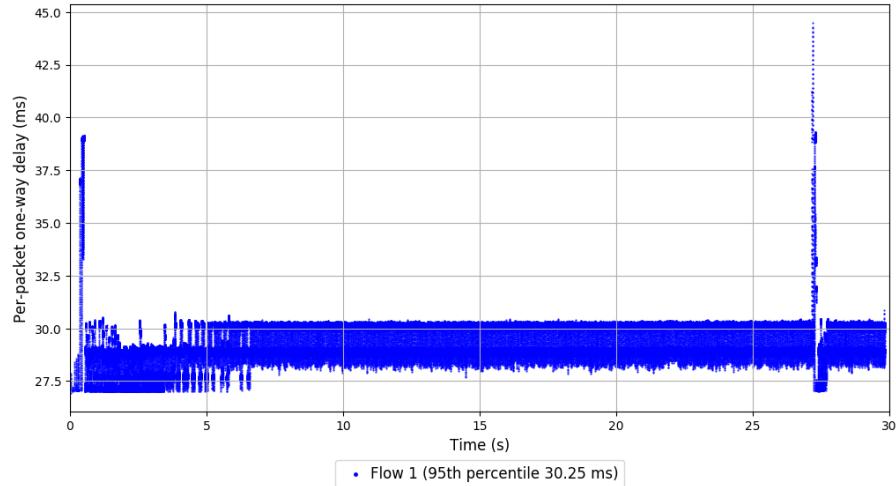
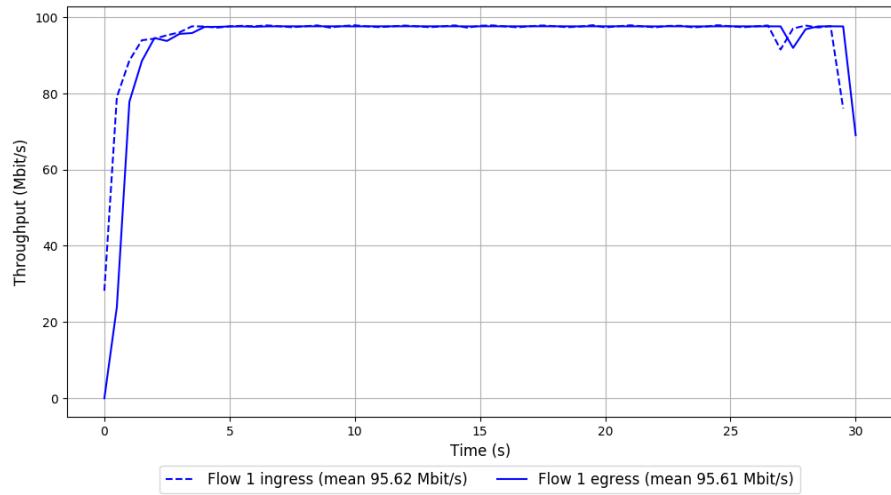


Run 1: Statistics of Indigo

```
Start at: 2018-07-18 01:21:35
End at: 2018-07-18 01:22:05
Local clock offset: 0.591 ms
Remote clock offset: -0.527 ms

# Below is generated by plot.py at 2018-07-18 05:18:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 0.22%
```

Run 1: Report of Indigo — Data Link

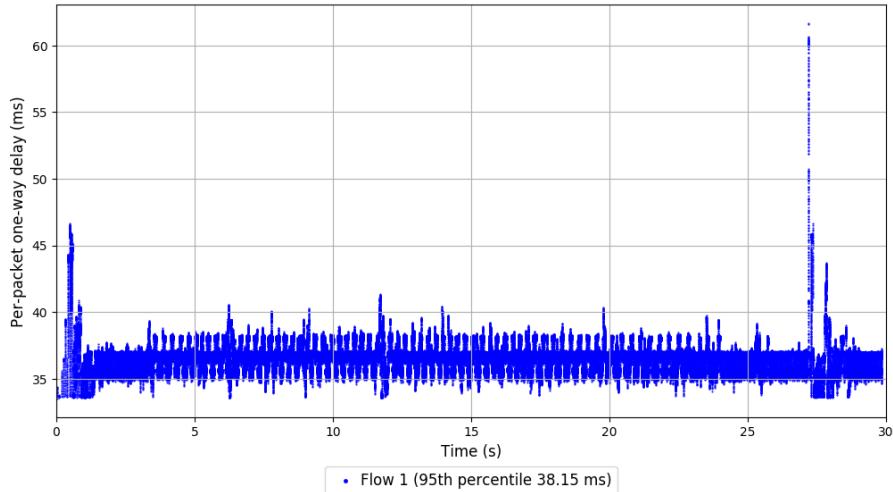
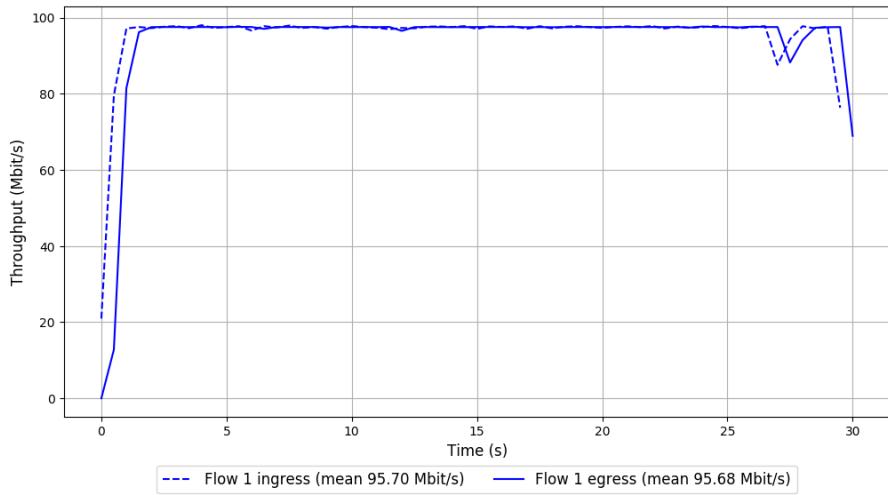


Run 2: Statistics of Indigo

```
Start at: 2018-07-18 01:43:51
End at: 2018-07-18 01:44:21
Local clock offset: 0.379 ms
Remote clock offset: -2.681 ms

# Below is generated by plot.py at 2018-07-18 05:18:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 38.149 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 38.149 ms
Loss rate: 0.25%
```

Run 2: Report of Indigo — Data Link

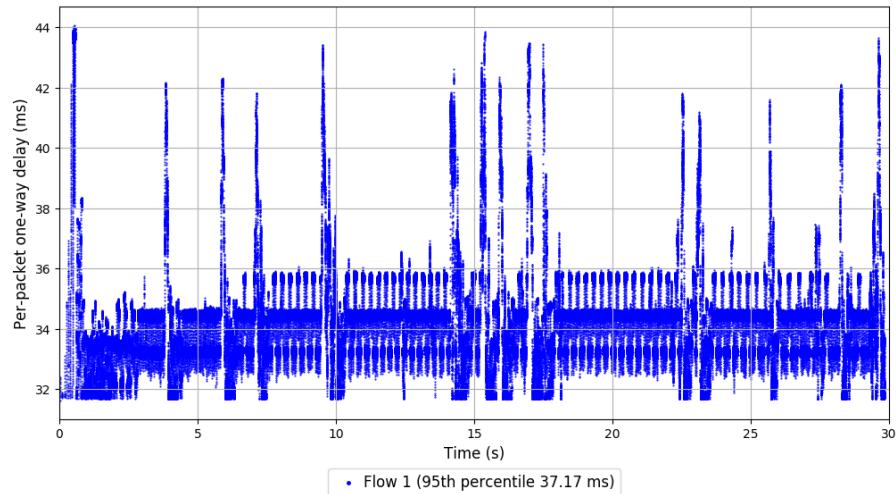
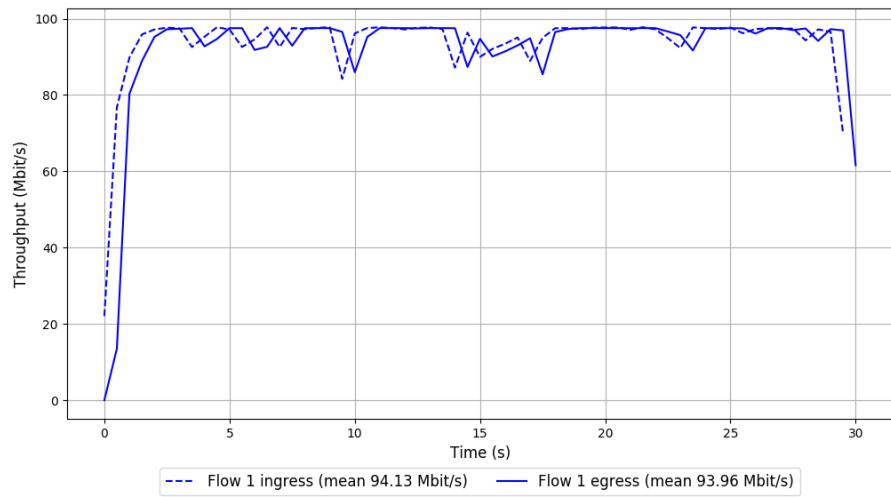


Run 3: Statistics of Indigo

```
Start at: 2018-07-18 02:06:27
End at: 2018-07-18 02:06:57
Local clock offset: 0.742 ms
Remote clock offset: 1.894 ms

# Below is generated by plot.py at 2018-07-18 05:18:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 37.168 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 37.168 ms
Loss rate: 0.41%
```

Run 3: Report of Indigo — Data Link

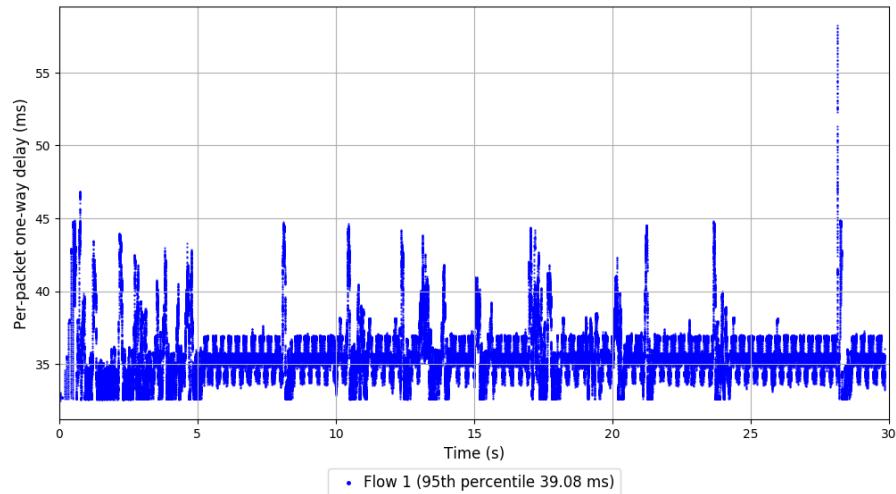
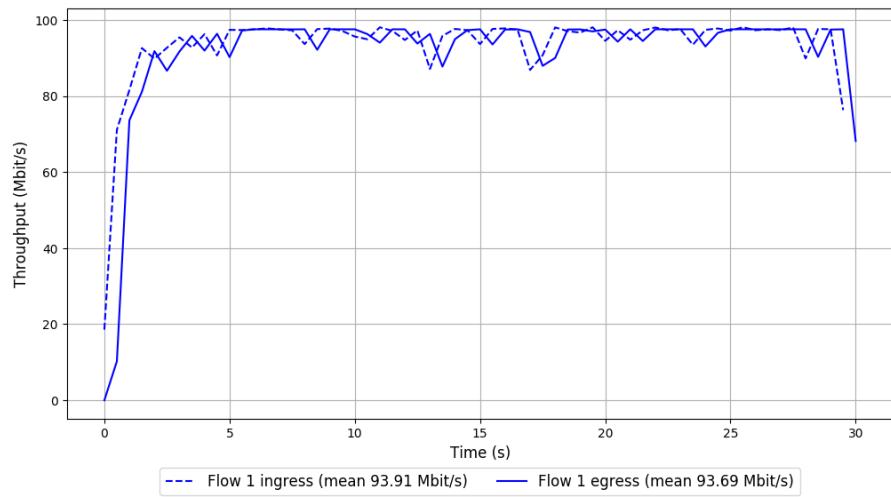


Run 4: Statistics of Indigo

```
Start at: 2018-07-18 02:29:49
End at: 2018-07-18 02:30:19
Local clock offset: 0.887 ms
Remote clock offset: 1.255 ms

# Below is generated by plot.py at 2018-07-18 05:18:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 39.081 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 39.081 ms
Loss rate: 0.48%
```

Run 4: Report of Indigo — Data Link

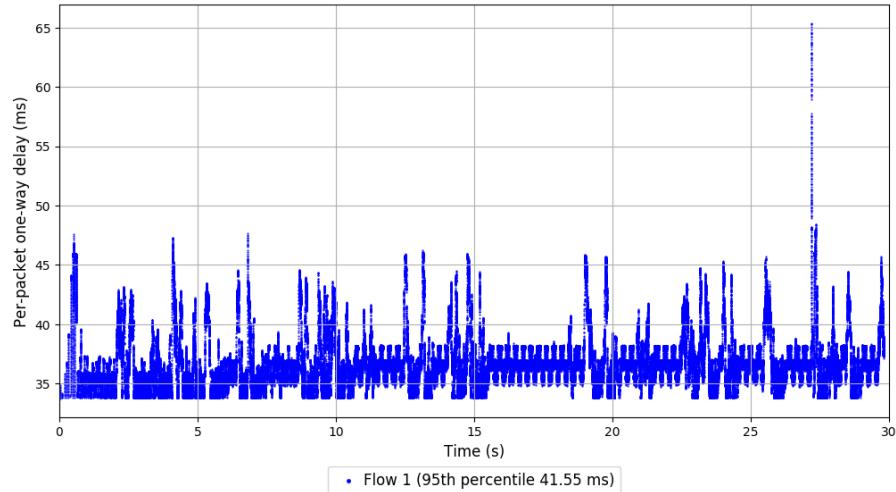
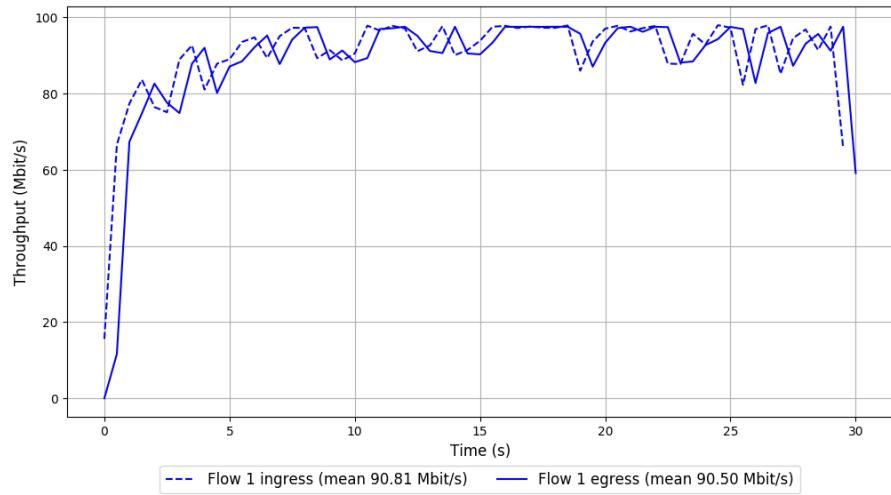


Run 5: Statistics of Indigo

```
Start at: 2018-07-18 02:53:17
End at: 2018-07-18 02:53:47
Local clock offset: 1.087 ms
Remote clock offset: -0.147 ms

# Below is generated by plot.py at 2018-07-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 41.555 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 41.555 ms
Loss rate: 0.58%
```

Run 5: Report of Indigo — Data Link

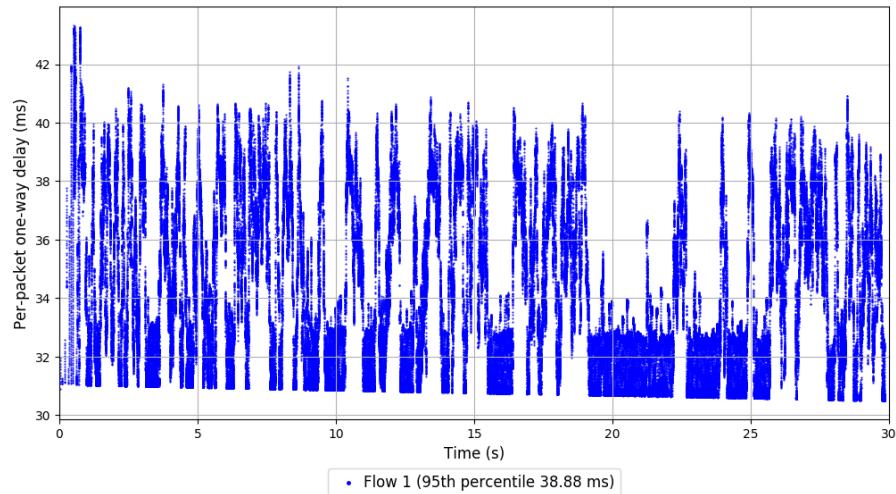
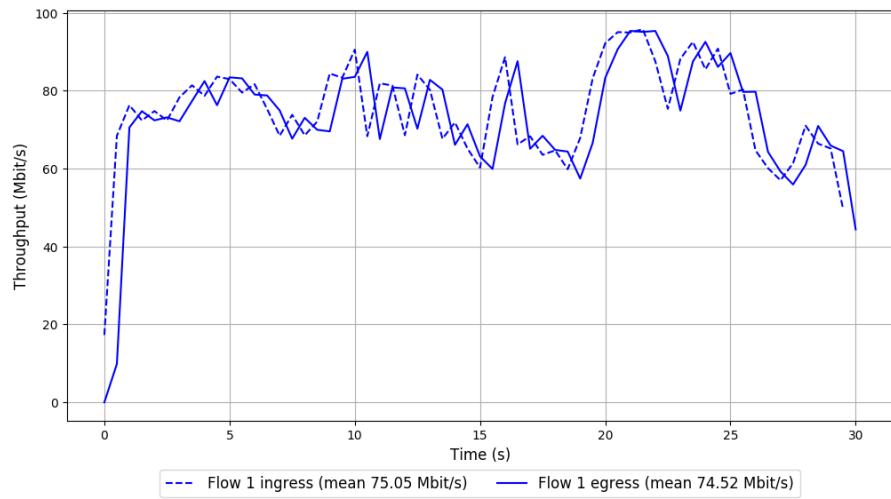


Run 6: Statistics of Indigo

```
Start at: 2018-07-18 03:18:50
End at: 2018-07-18 03:19:20
Local clock offset: 2.822 ms
Remote clock offset: -2.516 ms

# Below is generated by plot.py at 2018-07-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.52 Mbit/s
95th percentile per-packet one-way delay: 38.875 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 74.52 Mbit/s
95th percentile per-packet one-way delay: 38.875 ms
Loss rate: 0.95%
```

Run 6: Report of Indigo — Data Link

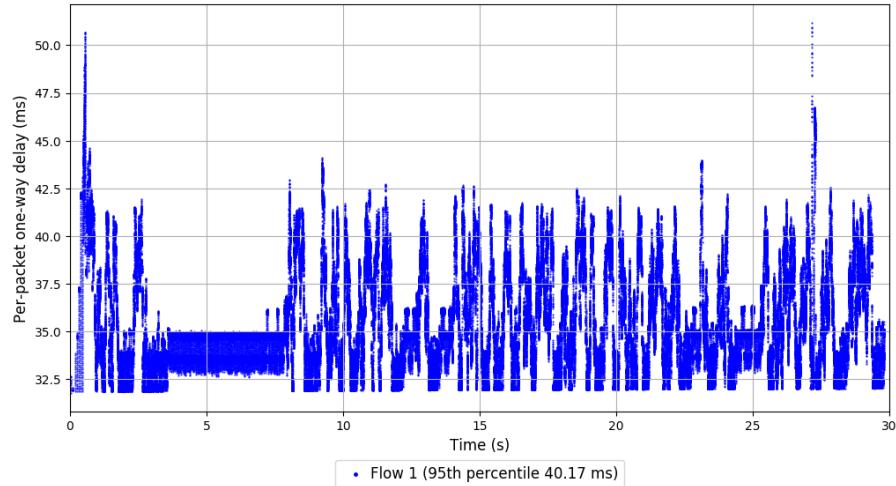
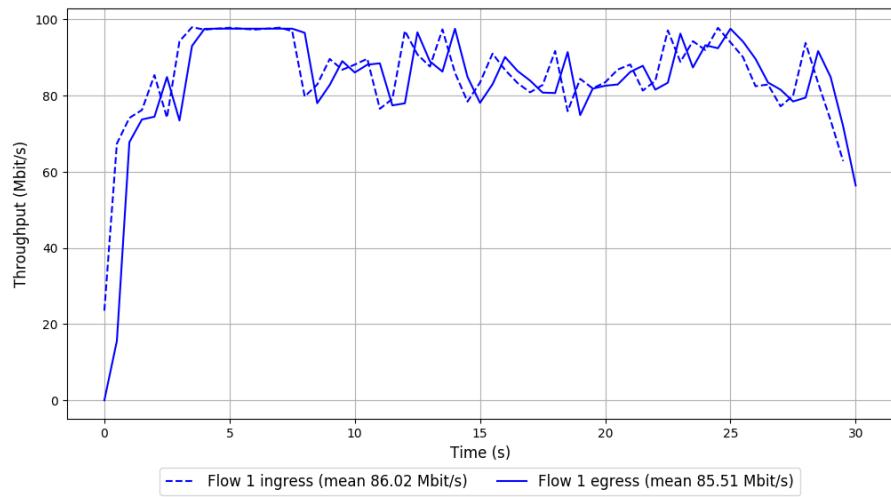


Run 7: Statistics of Indigo

```
Start at: 2018-07-18 03:44:49
End at: 2018-07-18 03:45:19
Local clock offset: 13.033 ms
Remote clock offset: -3.083 ms

# Below is generated by plot.py at 2018-07-18 05:19:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 40.169 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 40.169 ms
Loss rate: 0.82%
```

Run 7: Report of Indigo — Data Link

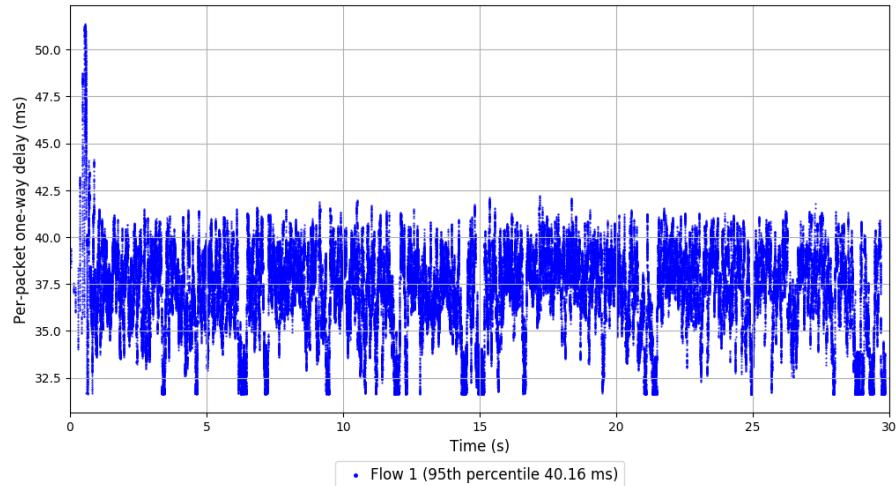
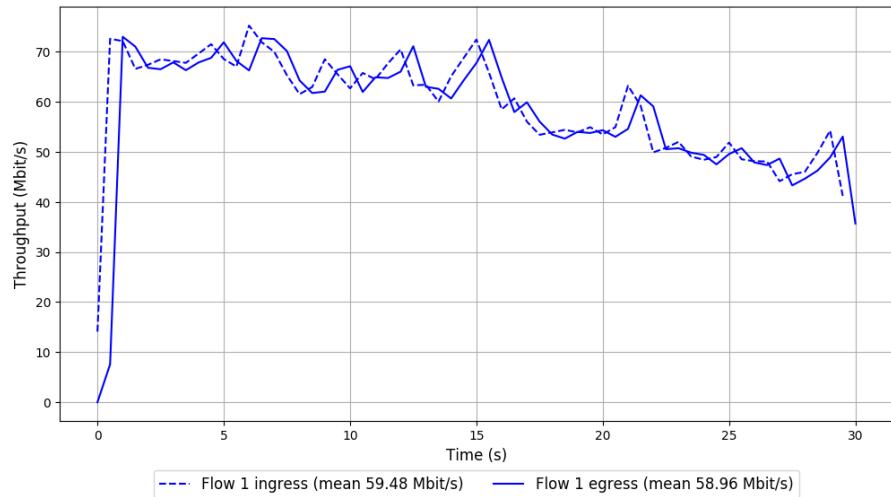


Run 8: Statistics of Indigo

```
Start at: 2018-07-18 04:09:54
End at: 2018-07-18 04:10:24
Local clock offset: 12.626 ms
Remote clock offset: 1.784 ms

# Below is generated by plot.py at 2018-07-18 05:19:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 40.158 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 40.158 ms
Loss rate: 1.14%
```

Run 8: Report of Indigo — Data Link

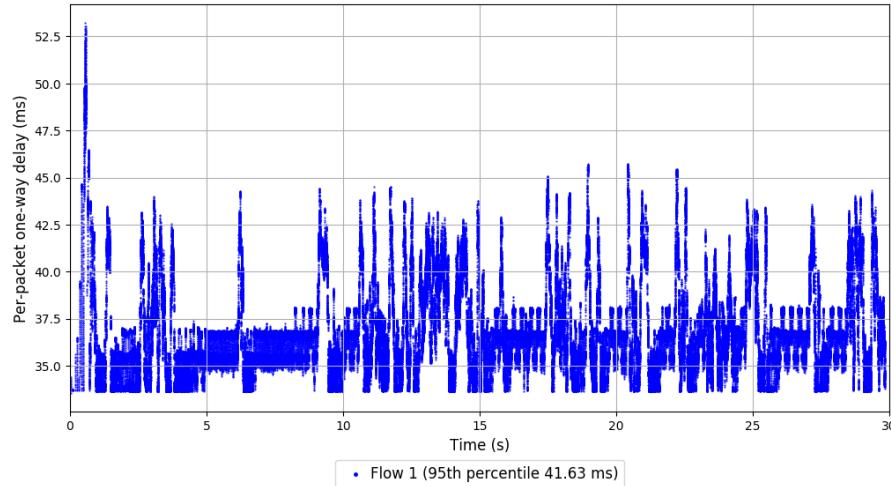
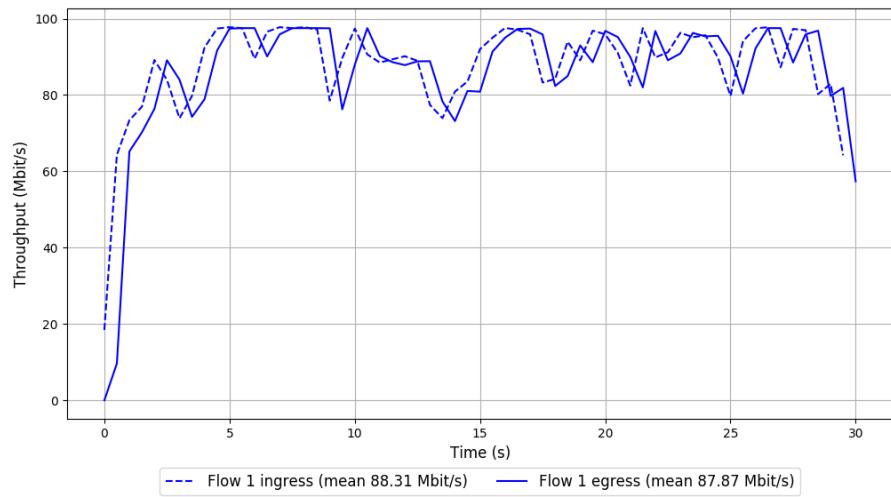


Run 9: Statistics of Indigo

```
Start at: 2018-07-18 04:34:49
End at: 2018-07-18 04:35:19
Local clock offset: 11.092 ms
Remote clock offset: -0.509 ms

# Below is generated by plot.py at 2018-07-18 05:19:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 41.633 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 41.633 ms
Loss rate: 0.74%
```

Run 9: Report of Indigo — Data Link

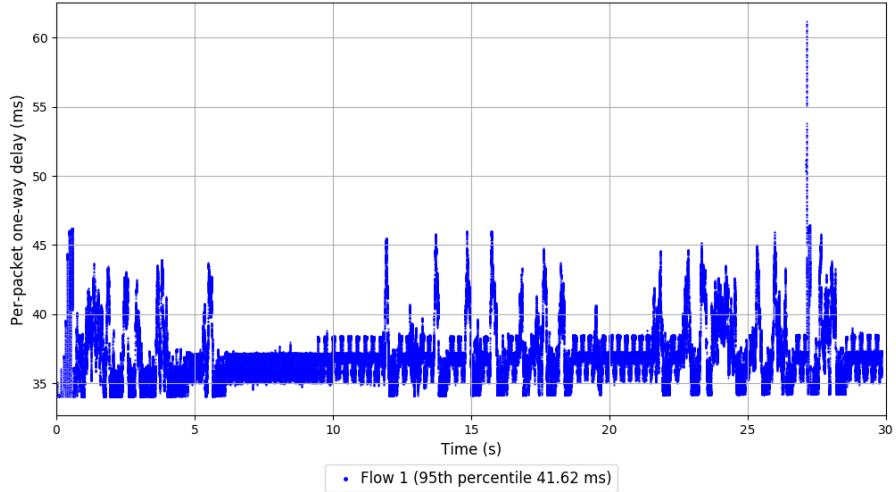
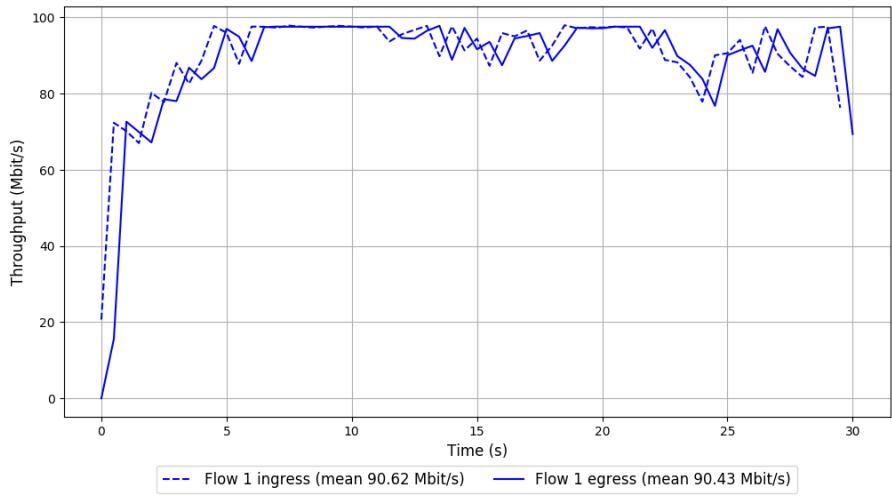


Run 10: Statistics of Indigo

```
Start at: 2018-07-18 04:58:34
End at: 2018-07-18 04:59:04
Local clock offset: 2.464 ms
Remote clock offset: -0.83 ms

# Below is generated by plot.py at 2018-07-18 05:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 41.617 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 41.617 ms
Loss rate: 0.44%
```

Run 10: Report of Indigo — Data Link

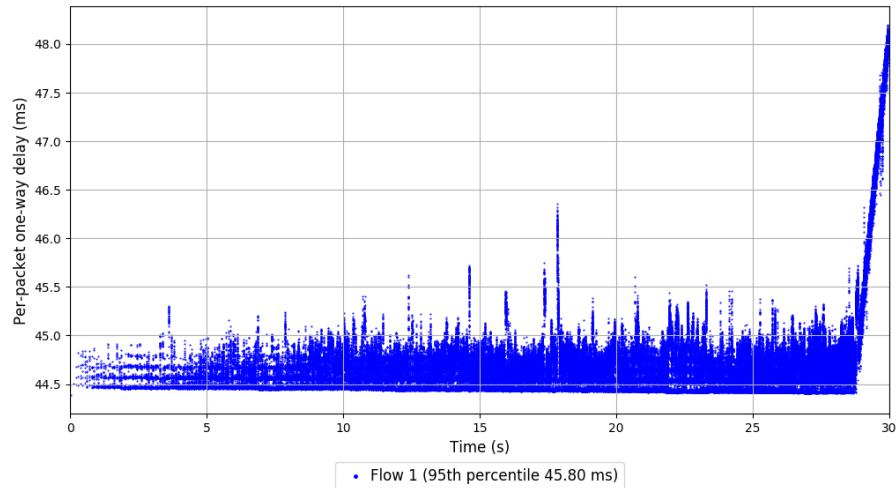
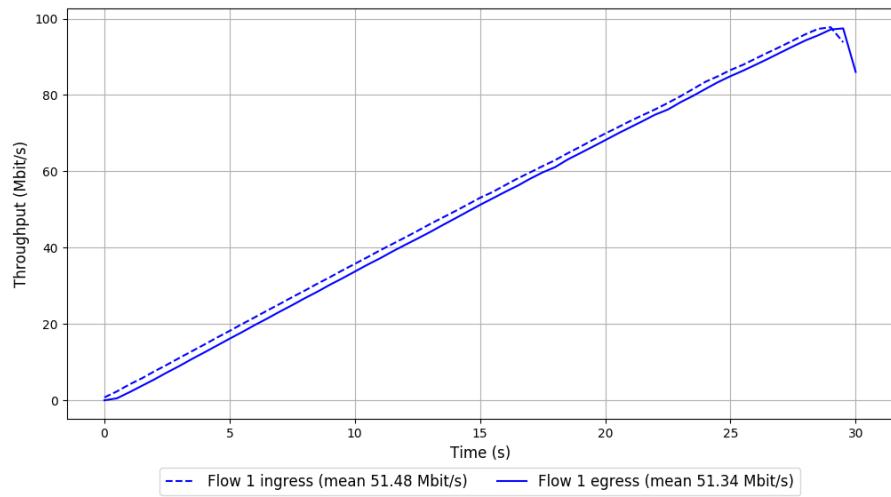


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-18 01:24:16
End at: 2018-07-18 01:24:46
Local clock offset: 0.559 ms
Remote clock offset: -0.4 ms

# Below is generated by plot.py at 2018-07-18 05:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.34 Mbit/s
95th percentile per-packet one-way delay: 45.800 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 51.34 Mbit/s
95th percentile per-packet one-way delay: 45.800 ms
Loss rate: 0.55%
```

Run 1: Report of LEDBAT — Data Link

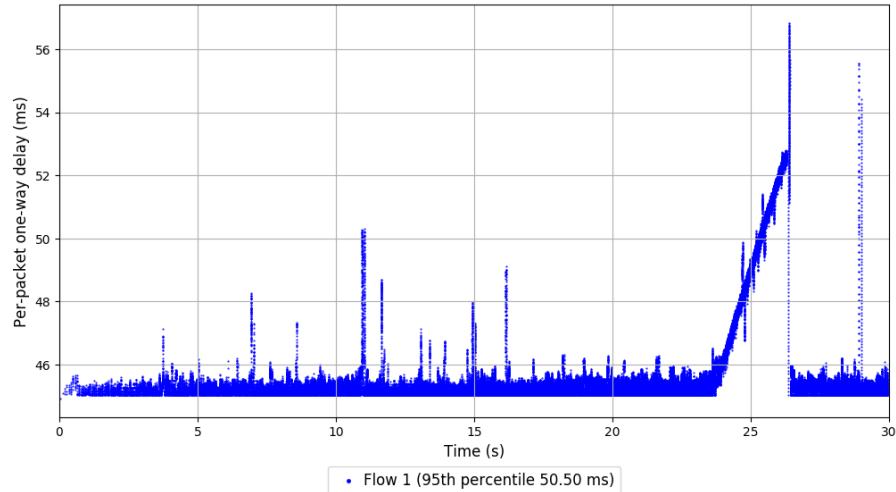
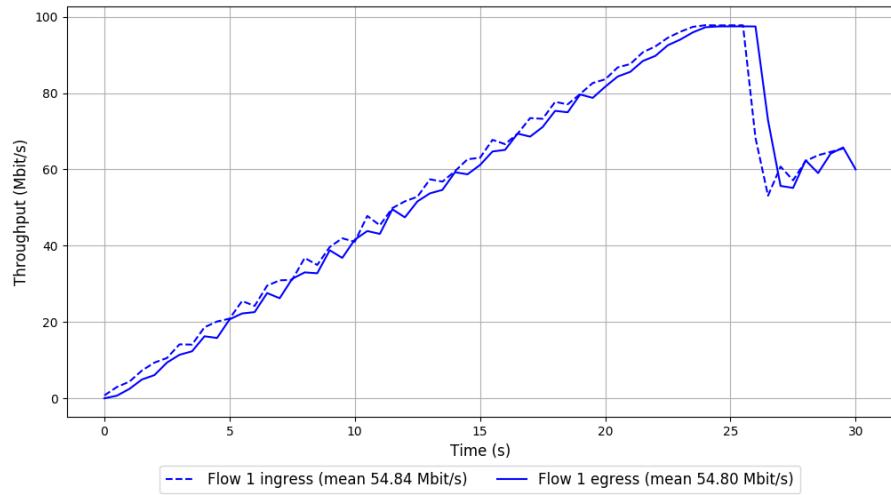


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-18 01:46:31
End at: 2018-07-18 01:47:01
Local clock offset: 0.427 ms
Remote clock offset: -9.055 ms

# Below is generated by plot.py at 2018-07-18 05:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.80 Mbit/s
95th percentile per-packet one-way delay: 50.502 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 54.80 Mbit/s
95th percentile per-packet one-way delay: 50.502 ms
Loss rate: 0.32%
```

Run 2: Report of LEDBAT — Data Link

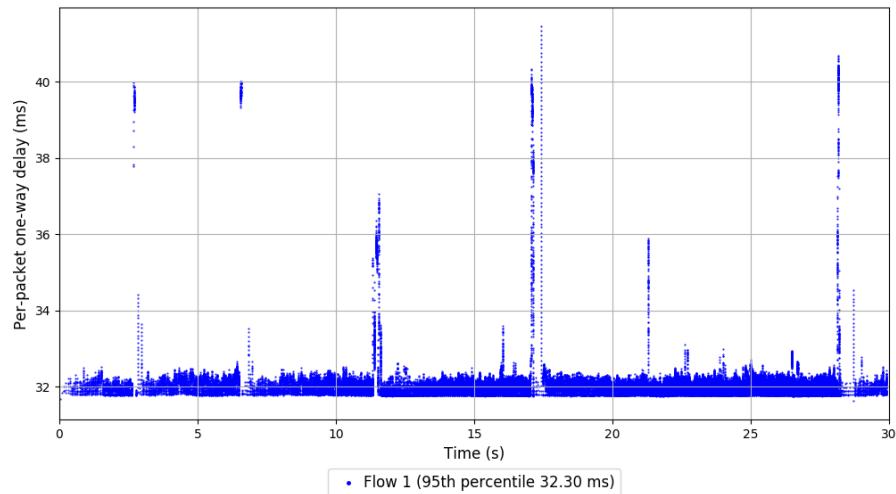
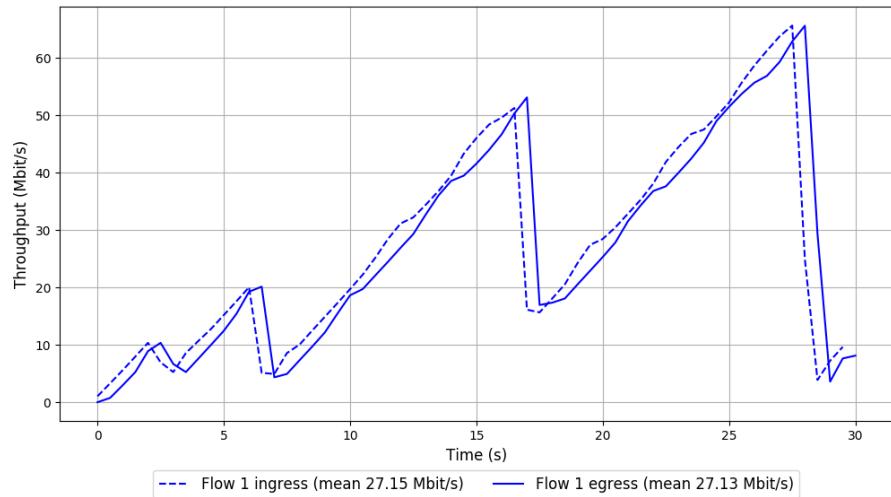


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-18 02:09:16
End at: 2018-07-18 02:09:46
Local clock offset: 0.843 ms
Remote clock offset: 1.908 ms

# Below is generated by plot.py at 2018-07-18 05:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 32.297 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 32.297 ms
Loss rate: 0.29%
```

Run 3: Report of LEDBAT — Data Link

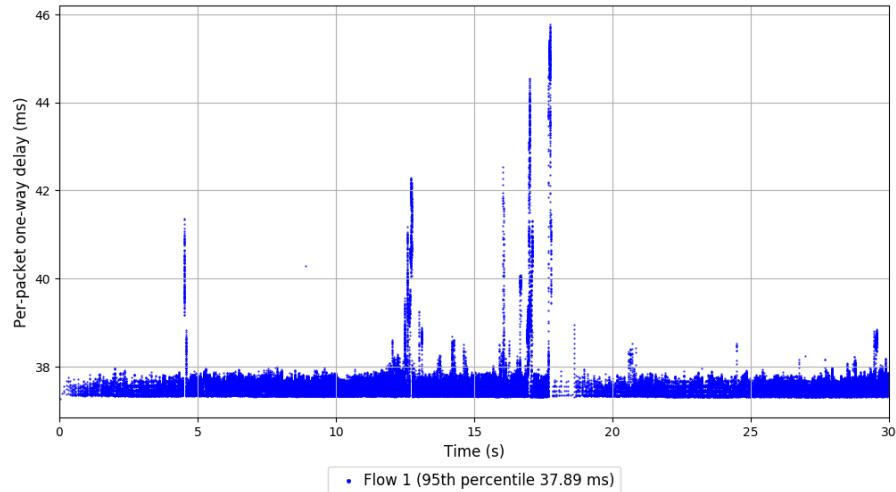
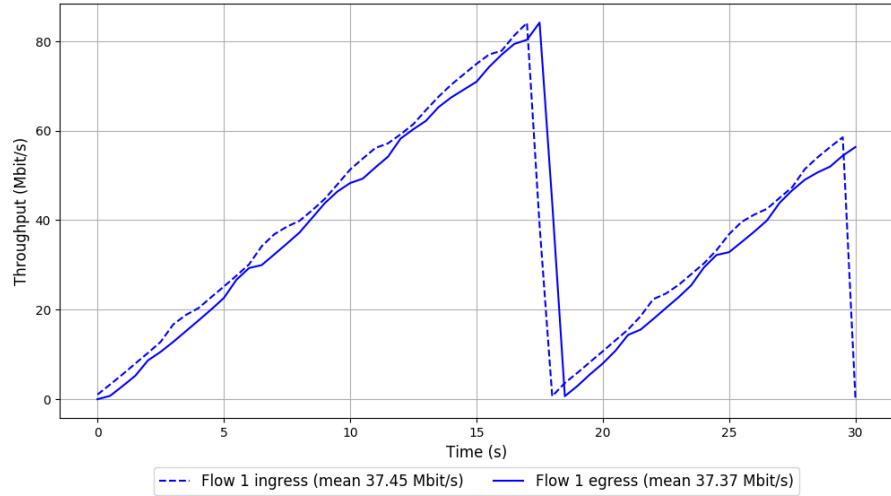


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-18 02:32:47
End at: 2018-07-18 02:33:17
Local clock offset: 0.874 ms
Remote clock offset: -3.466 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 37.889 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 37.889 ms
Loss rate: 0.43%
```

Run 4: Report of LEDBAT — Data Link

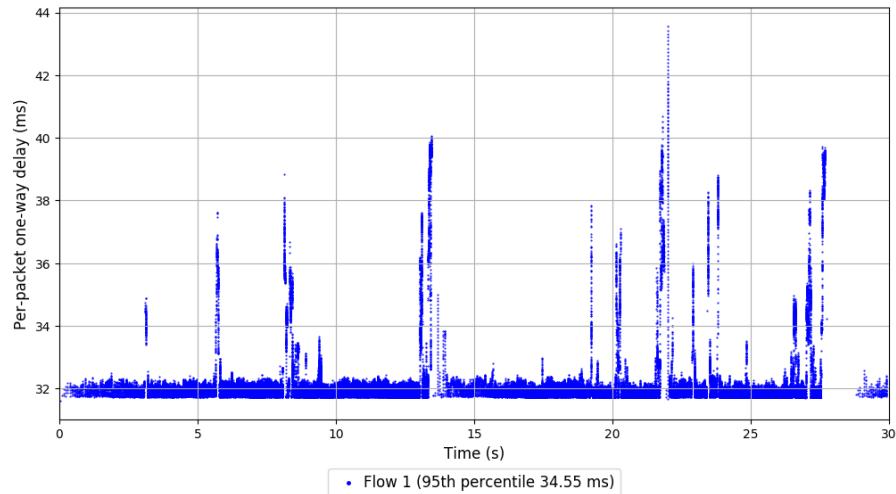
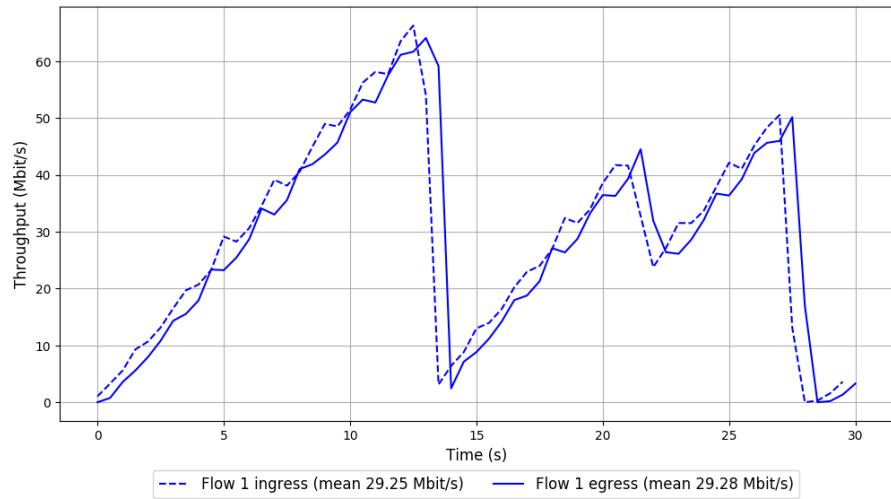


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-18 02:56:19
End at: 2018-07-18 02:56:49
Local clock offset: 1.154 ms
Remote clock offset: 1.908 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 34.550 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 34.550 ms
Loss rate: 0.12%
```

Run 5: Report of LEDBAT — Data Link

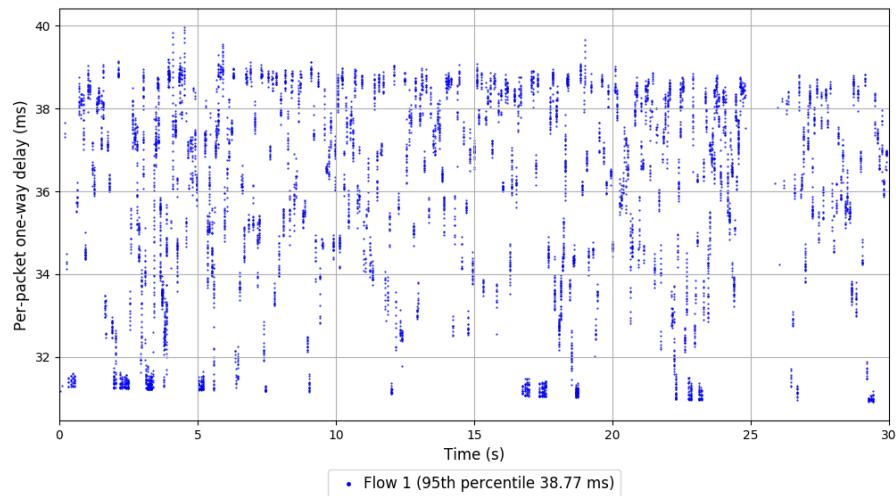
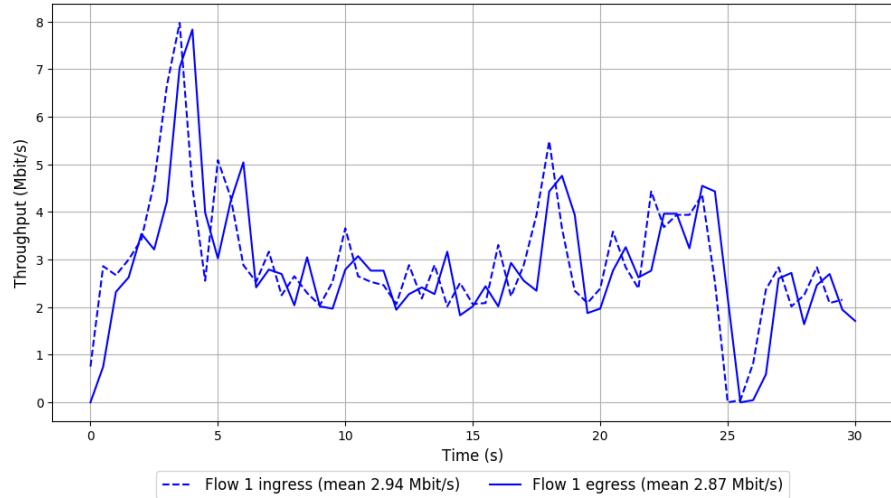


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-18 03:22:43
End at: 2018-07-18 03:23:13
Local clock offset: 5.947 ms
Remote clock offset: -3.137 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 38.775 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 38.775 ms
Loss rate: 2.66%
```

Run 6: Report of LEDBAT — Data Link

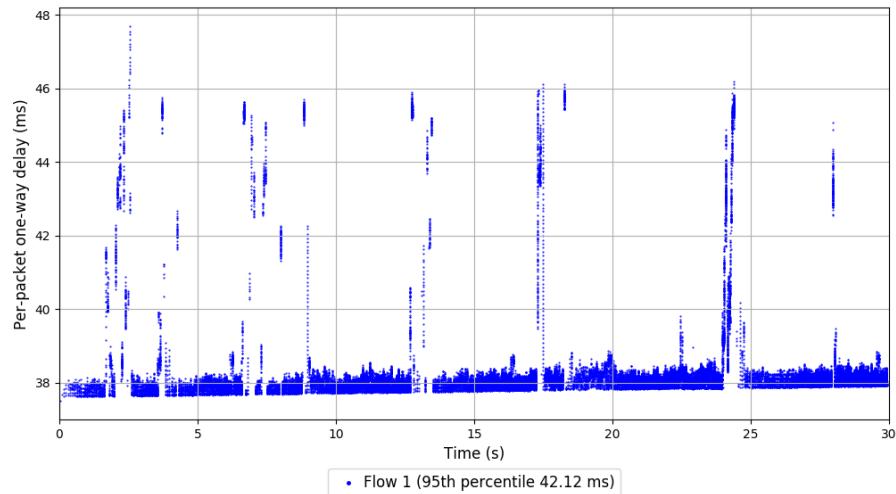
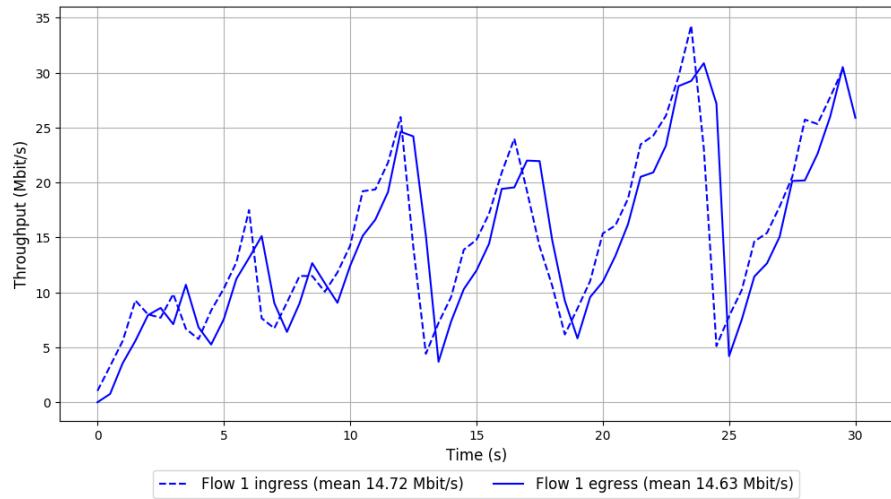


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-18 03:47:41
End at: 2018-07-18 03:48:11
Local clock offset: 13.408 ms
Remote clock offset: -7.314 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 42.120 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 42.120 ms
Loss rate: 0.80%
```

Run 7: Report of LEDBAT — Data Link

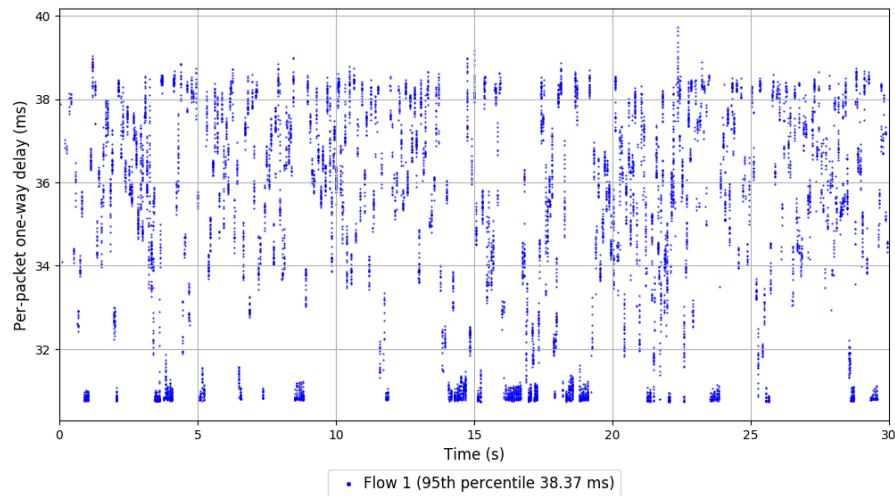
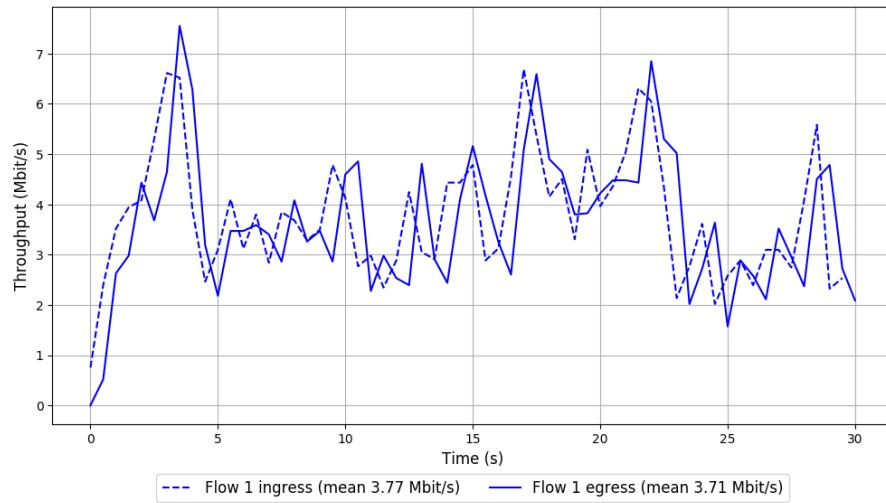


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-18 04:13:48
End at: 2018-07-18 04:14:18
Local clock offset: 13.011 ms
Remote clock offset: 2.96 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 38.365 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 38.365 ms
Loss rate: 1.91%
```

Run 8: Report of LEDBAT — Data Link

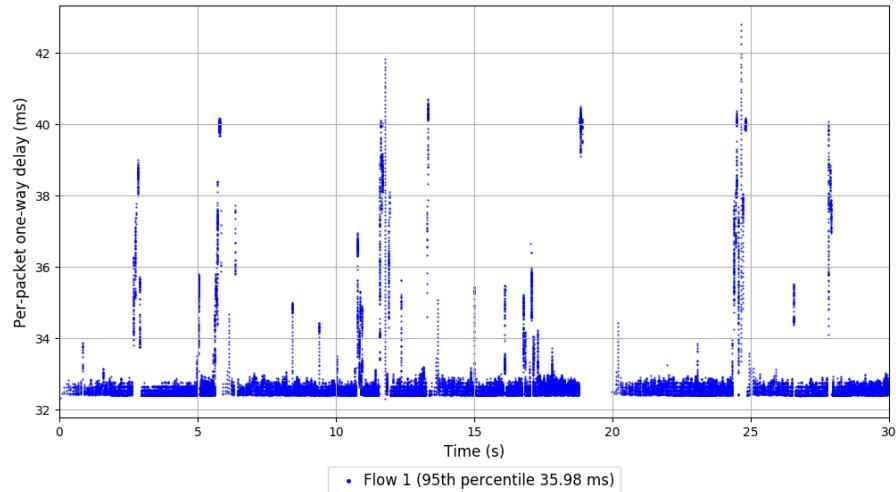
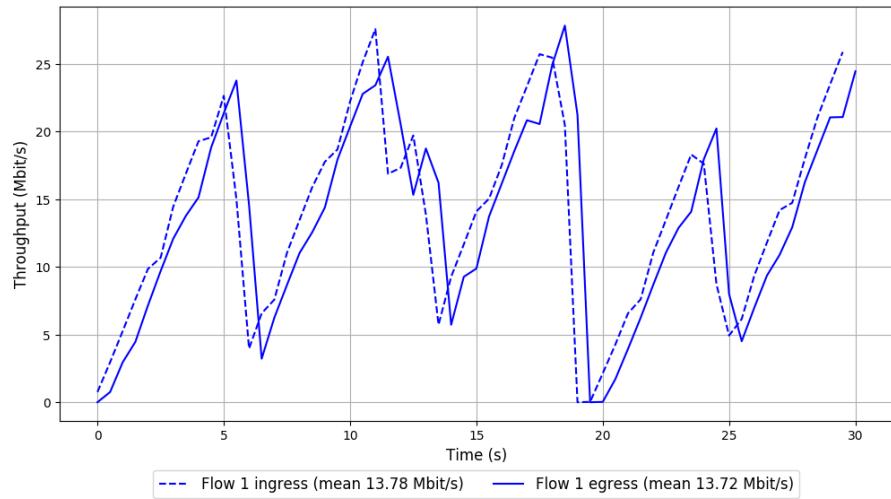


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-18 04:37:54
End at: 2018-07-18 04:38:24
Local clock offset: 11.112 ms
Remote clock offset: 0.787 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 35.979 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 35.979 ms
Loss rate: 0.74%
```

Run 9: Report of LEDBAT — Data Link

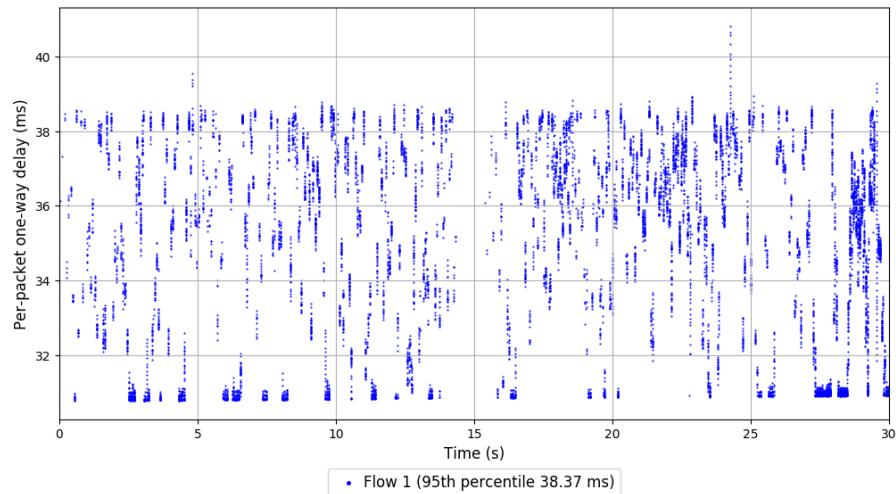
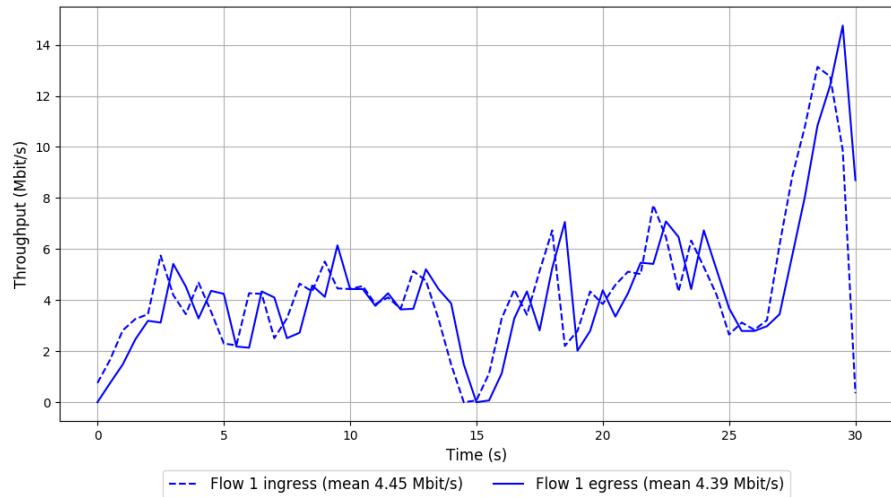


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-18 05:01:56
End at: 2018-07-18 05:02:26
Local clock offset: 1.164 ms
Remote clock offset: 2.379 ms

# Below is generated by plot.py at 2018-07-18 05:19:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 38.371 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 38.371 ms
Loss rate: 1.56%
```

Run 10: Report of LEDBAT — Data Link

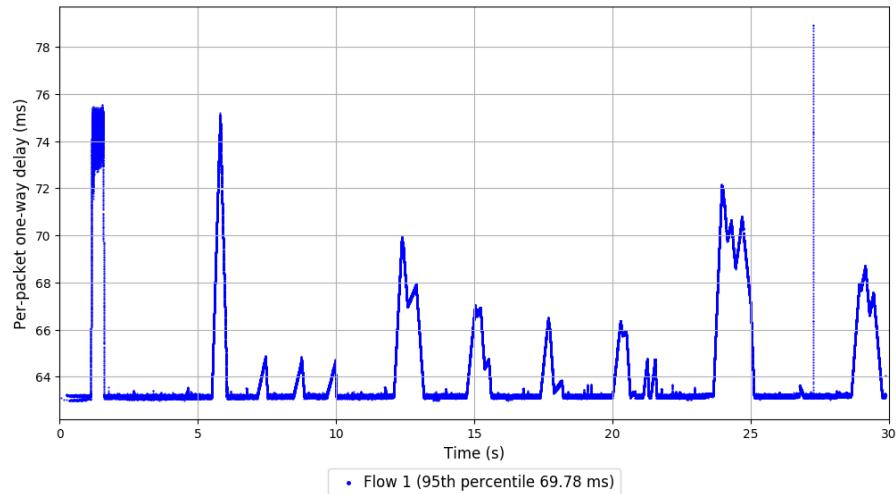
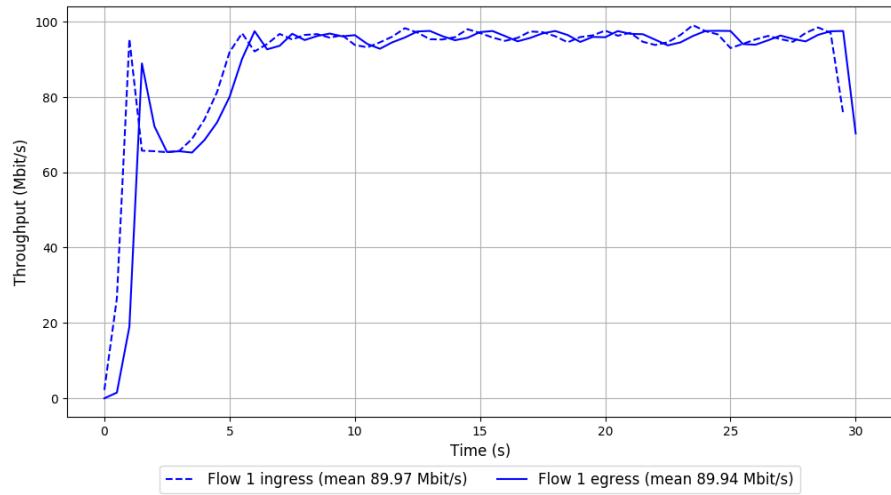


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-18 01:16:18
End at: 2018-07-18 01:16:49
Local clock offset: 0.582 ms
Remote clock offset: -8.495 ms

# Below is generated by plot.py at 2018-07-18 05:20:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 69.778 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 69.778 ms
Loss rate: 0.34%
```

Run 1: Report of PCC-Allegro — Data Link

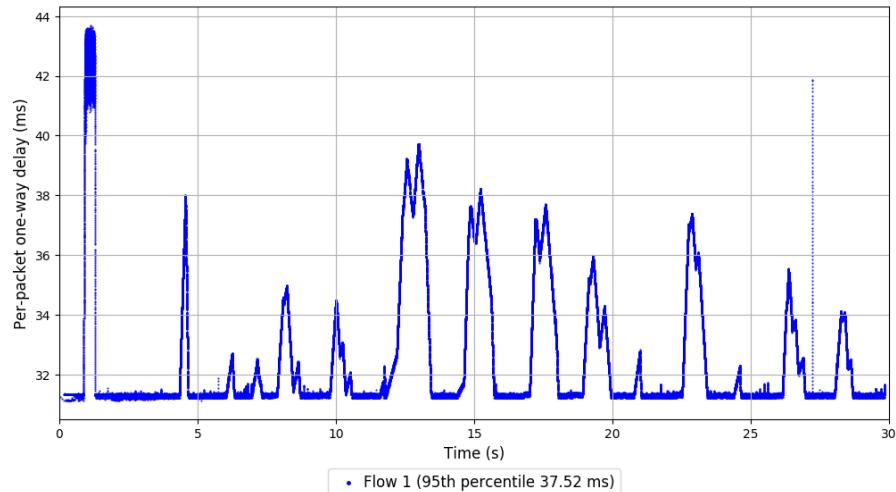
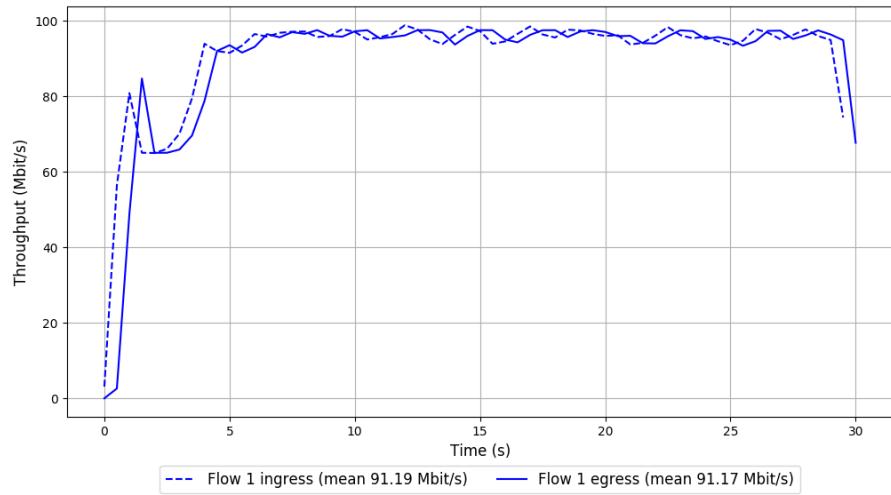


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-18 01:38:35
End at: 2018-07-18 01:39:05
Local clock offset: 0.494 ms
Remote clock offset: -5.476 ms

# Below is generated by plot.py at 2018-07-18 05:20:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 37.518 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 37.518 ms
Loss rate: 0.24%
```

Run 2: Report of PCC-Allegro — Data Link

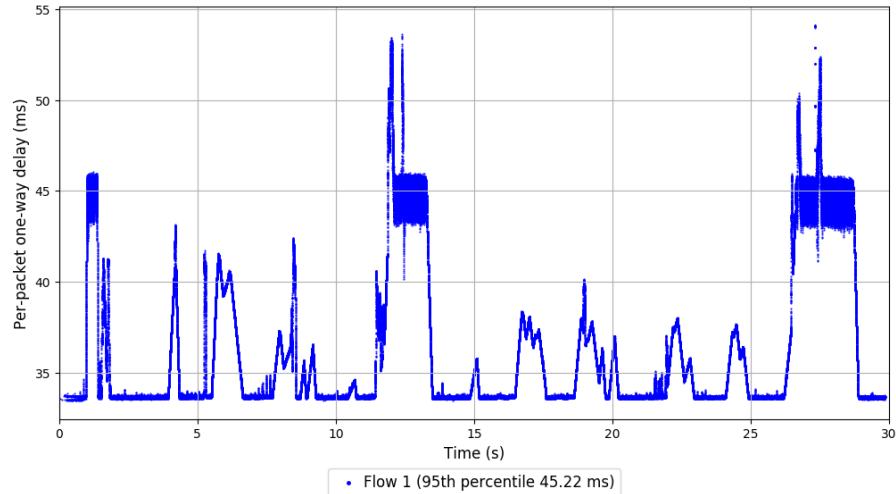
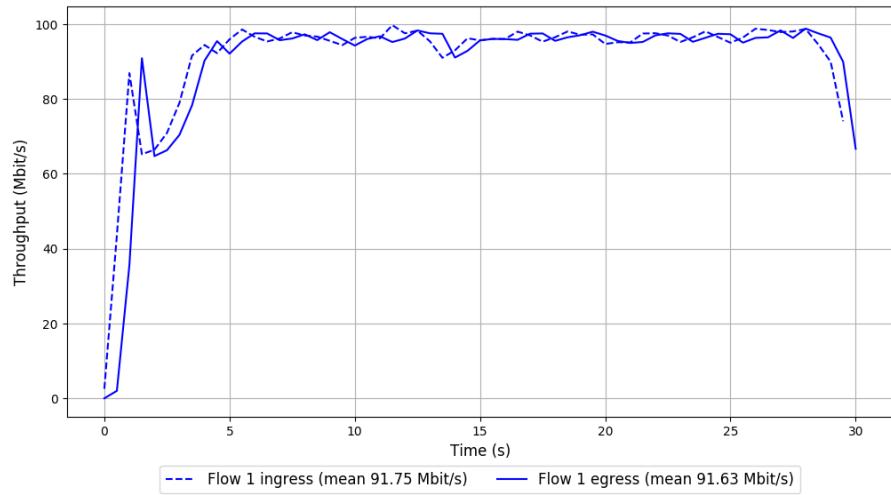


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-18 02:01:05
End at: 2018-07-18 02:01:35
Local clock offset: 0.73 ms
Remote clock offset: 0.083 ms

# Below is generated by plot.py at 2018-07-18 05:20:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 45.222 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 45.222 ms
Loss rate: 0.37%
```

Run 3: Report of PCC-Allegro — Data Link

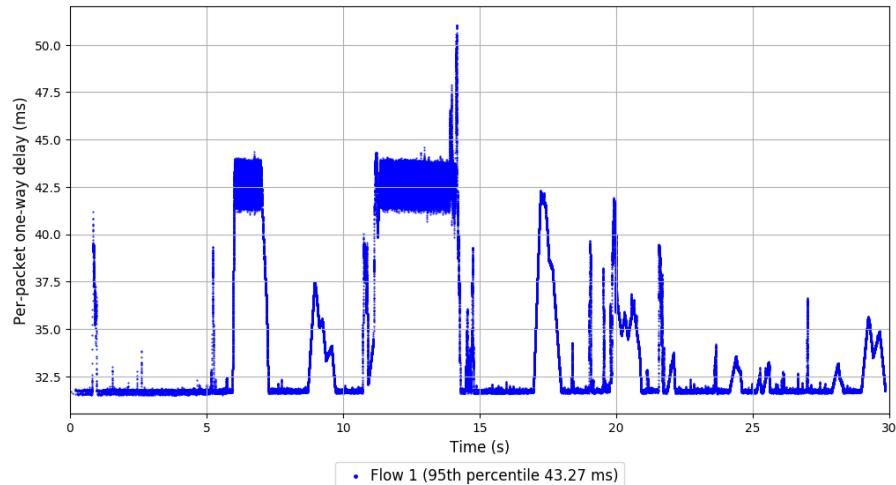
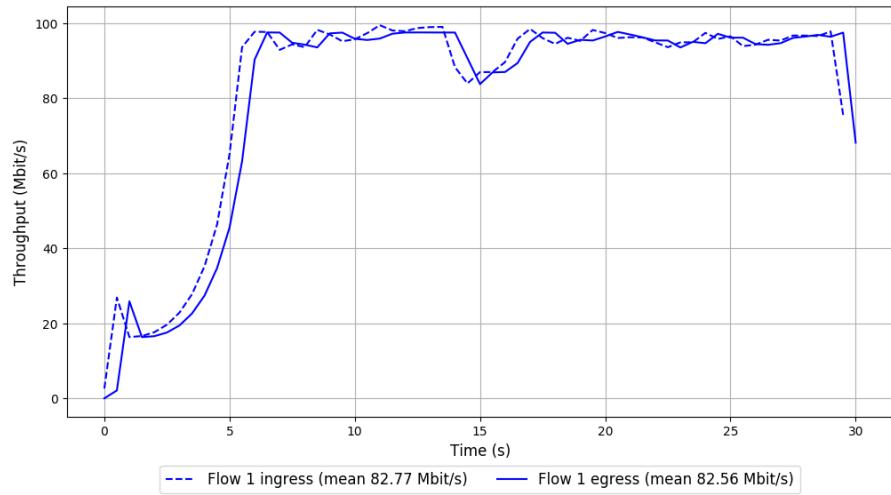


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-18 02:24:09
End at: 2018-07-18 02:24:39
Local clock offset: 0.784 ms
Remote clock offset: 1.915 ms

# Below is generated by plot.py at 2018-07-18 05:20:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.56 Mbit/s
95th percentile per-packet one-way delay: 43.273 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 82.56 Mbit/s
95th percentile per-packet one-way delay: 43.273 ms
Loss rate: 0.49%
```

Run 4: Report of PCC-Allegro — Data Link

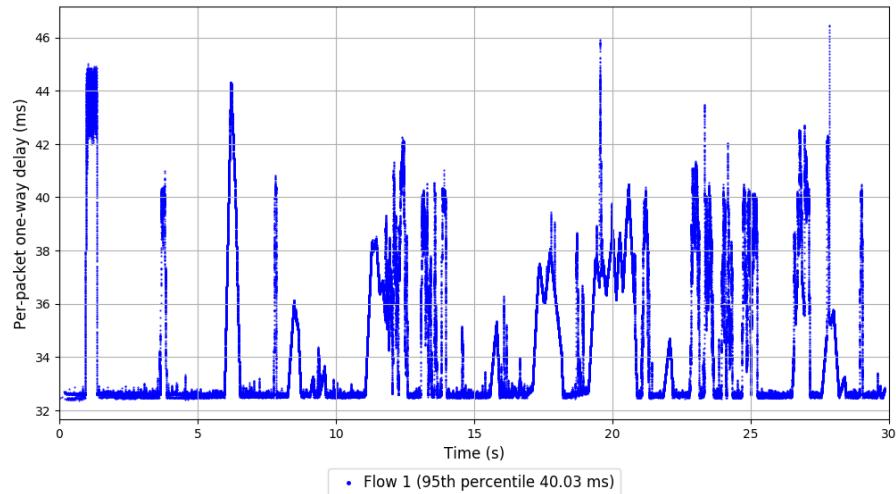
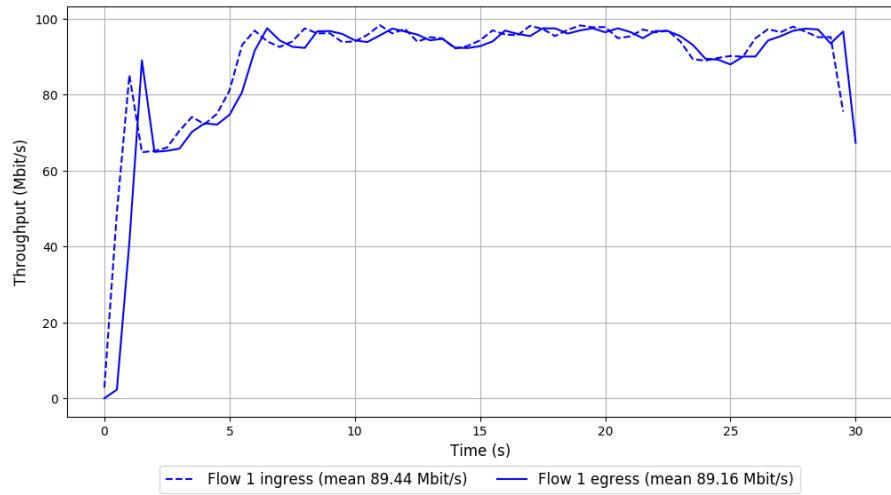


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-18 02:47:51
End at: 2018-07-18 02:48:21
Local clock offset: 0.921 ms
Remote clock offset: 1.116 ms

# Below is generated by plot.py at 2018-07-18 05:20:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 40.035 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 40.035 ms
Loss rate: 0.56%
```

Run 5: Report of PCC-Allegro — Data Link

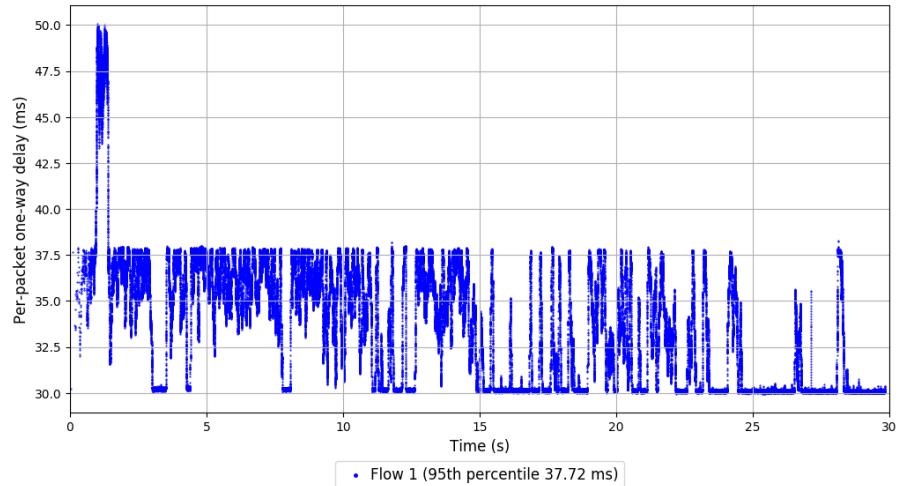
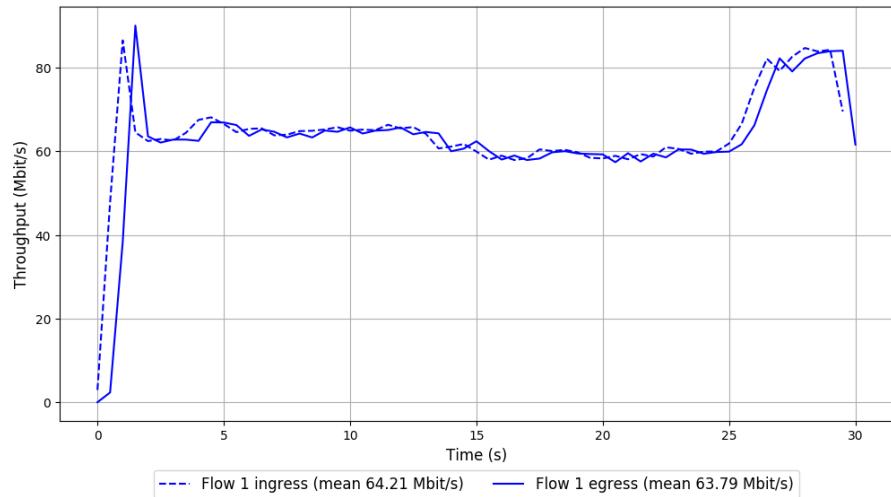


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-18 03:13:06
End at: 2018-07-18 03:13:36
Local clock offset: 1.359 ms
Remote clock offset: 0.449 ms

# Below is generated by plot.py at 2018-07-18 05:20:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 37.716 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 37.716 ms
Loss rate: 0.89%
```

Run 6: Report of PCC-Allegro — Data Link

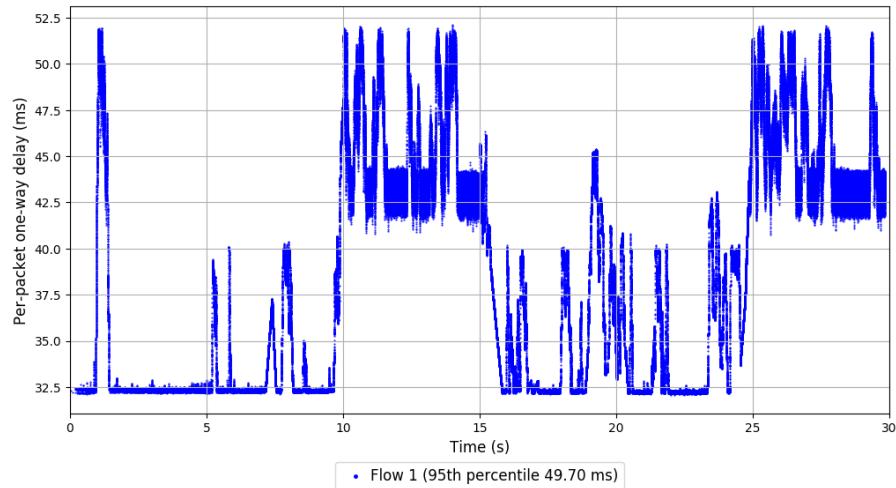
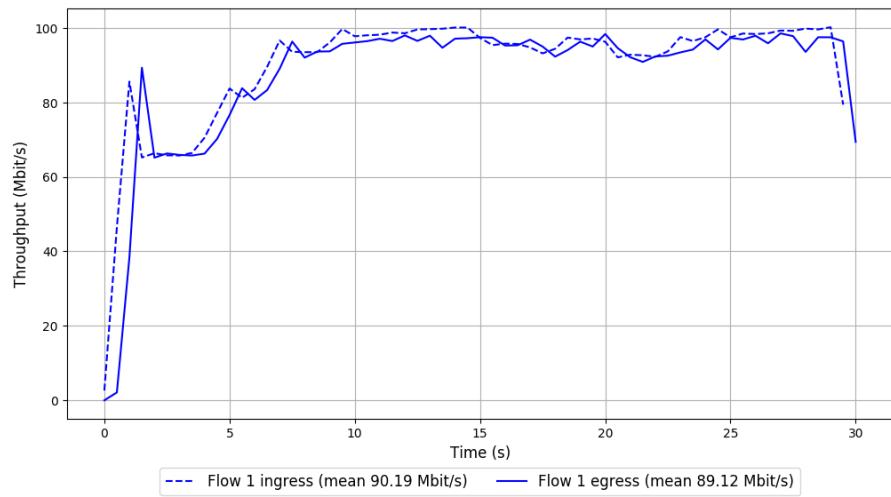


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-18 03:39:07
End at: 2018-07-18 03:39:37
Local clock offset: 11.983 ms
Remote clock offset: -6.069 ms

# Below is generated by plot.py at 2018-07-18 05:20:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 49.700 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 49.700 ms
Loss rate: 1.44%
```

Run 7: Report of PCC-Allegro — Data Link

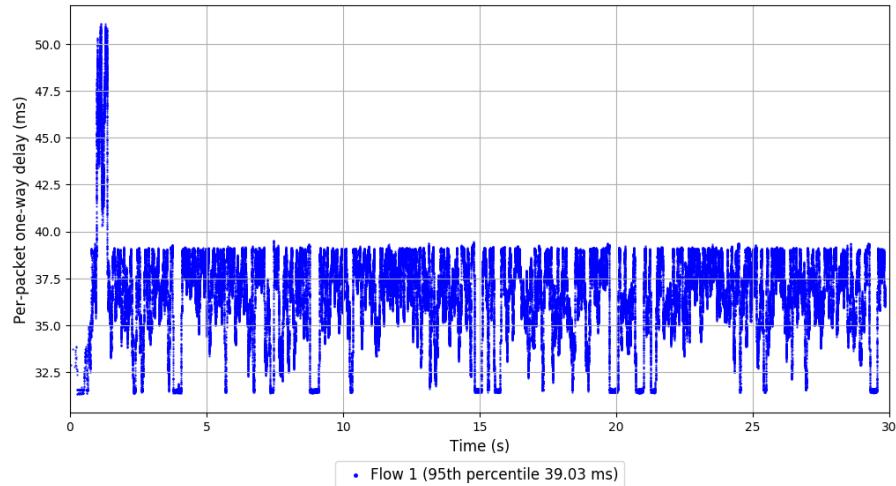
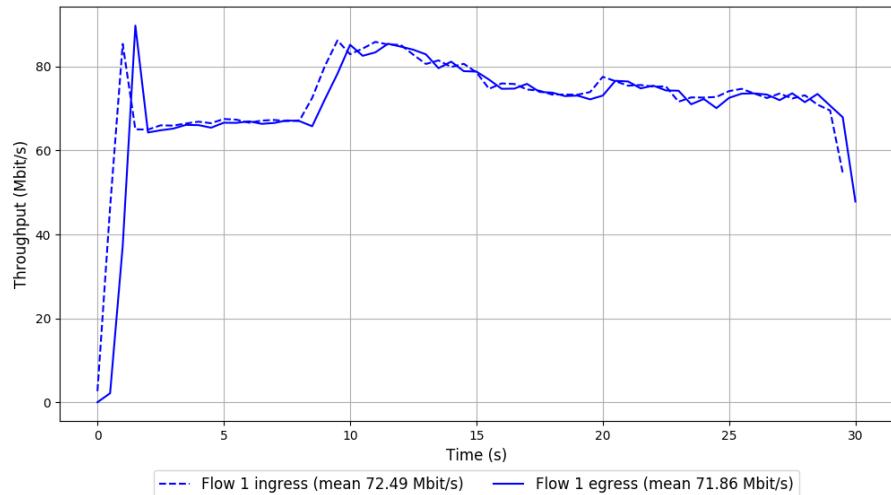


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-18 04:03:29
End at: 2018-07-18 04:03:59
Local clock offset: 12.357 ms
Remote clock offset: 1.642 ms

# Below is generated by plot.py at 2018-07-18 05:20:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.86 Mbit/s
95th percentile per-packet one-way delay: 39.031 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 71.86 Mbit/s
95th percentile per-packet one-way delay: 39.031 ms
Loss rate: 1.12%
```

Run 8: Report of PCC-Allegro — Data Link

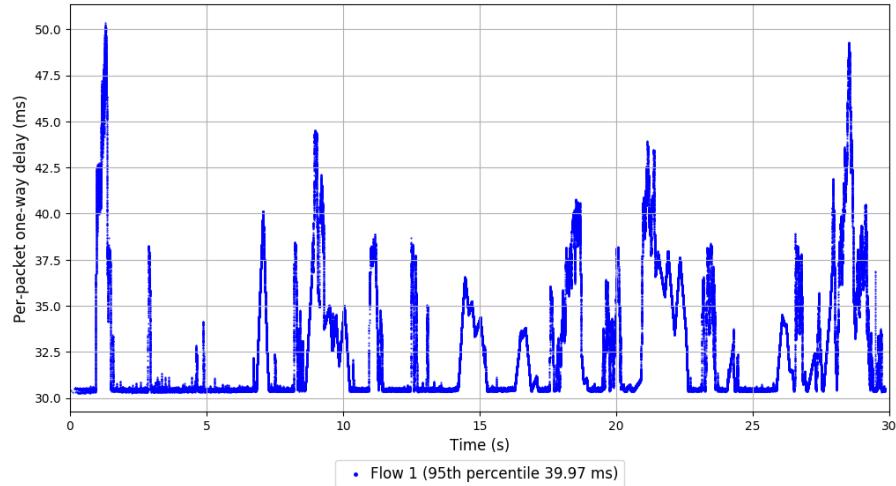
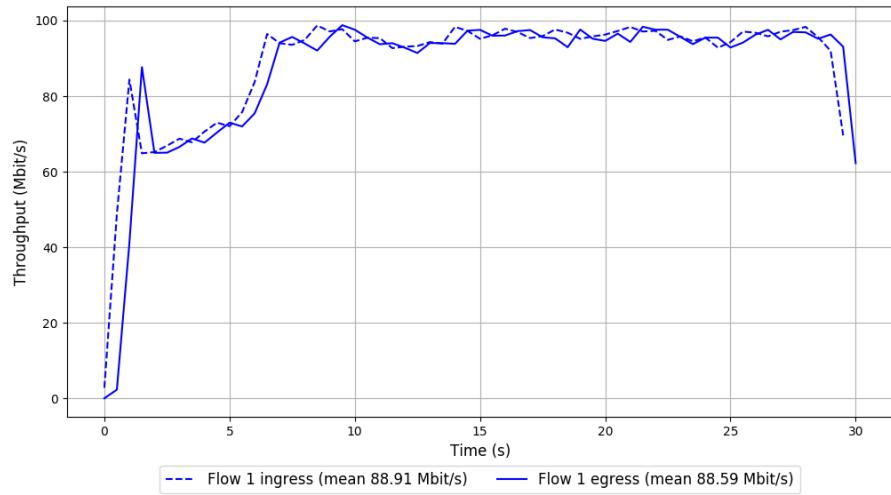


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-18 04:29:22
End at: 2018-07-18 04:29:52
Local clock offset: 11.235 ms
Remote clock offset: 2.795 ms

# Below is generated by plot.py at 2018-07-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 39.973 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 39.973 ms
Loss rate: 0.60%
```

Run 9: Report of PCC-Allegro — Data Link

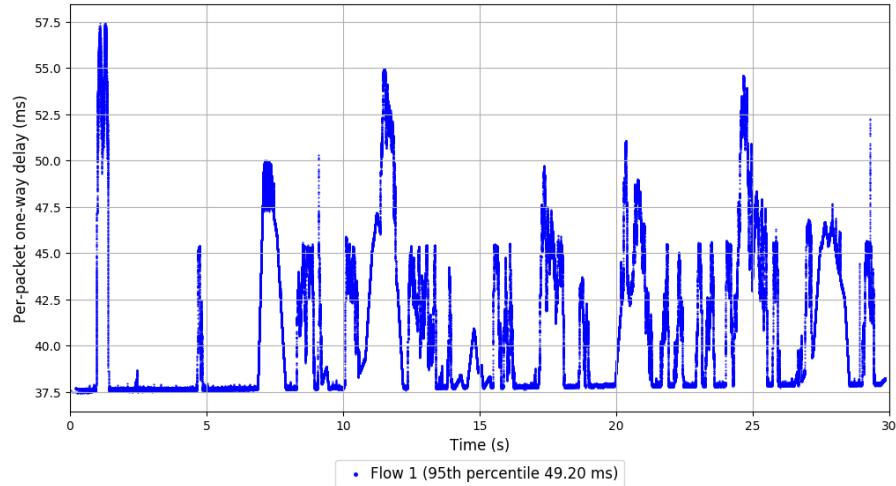
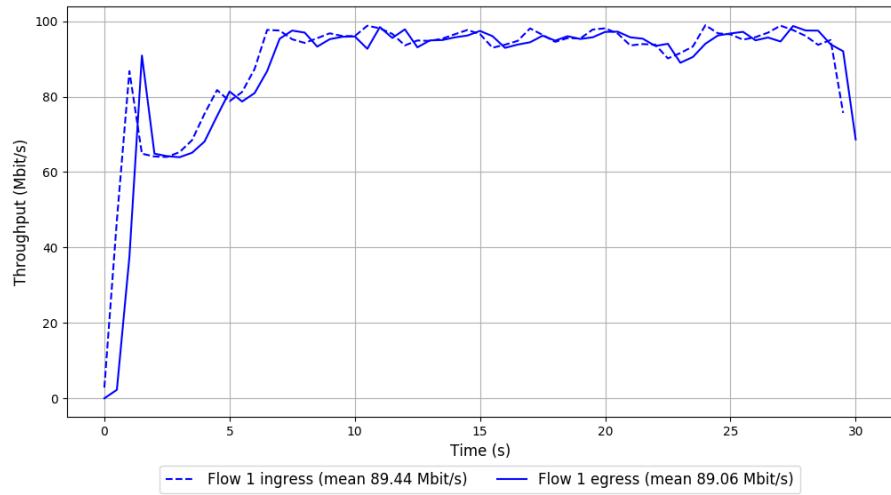


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-18 04:53:08
End at: 2018-07-18 04:53:38
Local clock offset: 5.475 ms
Remote clock offset: -4.238 ms

# Below is generated by plot.py at 2018-07-18 05:21:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.06 Mbit/s
95th percentile per-packet one-way delay: 49.201 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 89.06 Mbit/s
95th percentile per-packet one-way delay: 49.201 ms
Loss rate: 0.67%
```

Run 10: Report of PCC-Allegro — Data Link

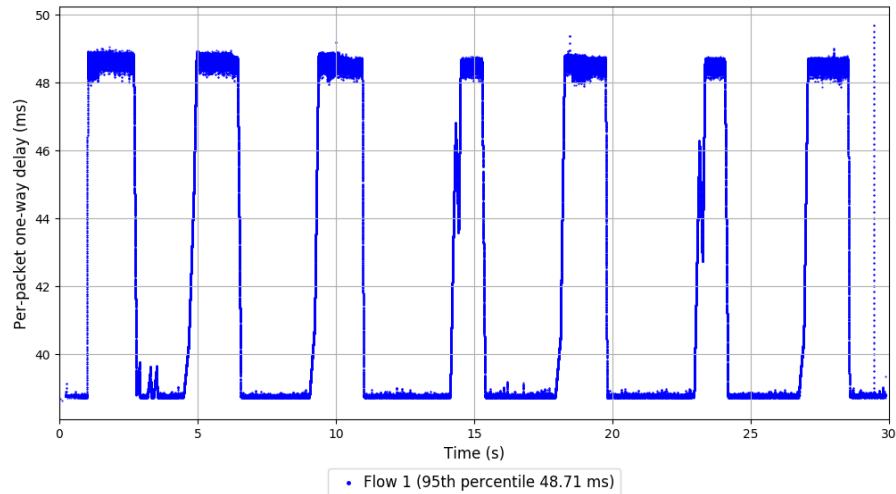
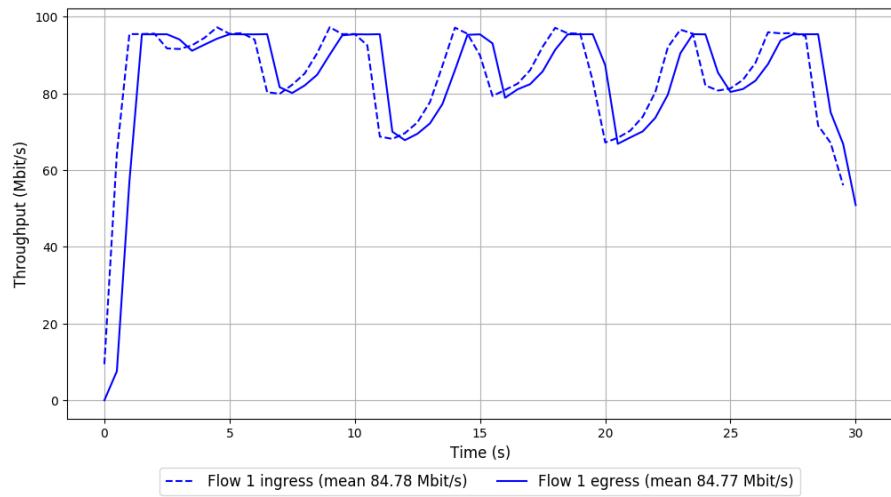


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-18 01:18:55
End at: 2018-07-18 01:19:25
Local clock offset: 0.48 ms
Remote clock offset: -2.641 ms

# Below is generated by plot.py at 2018-07-18 05:22:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 48.714 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 48.714 ms
Loss rate: 0.26%
```

Run 1: Report of PCC-Expr — Data Link

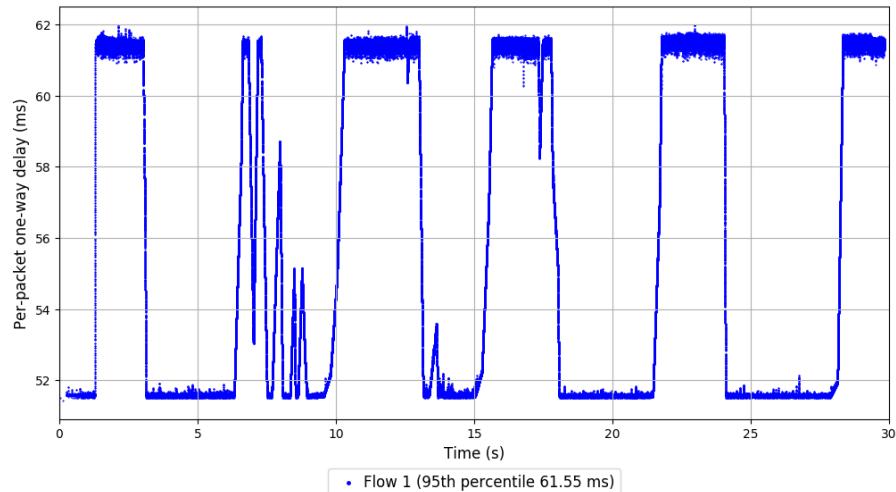
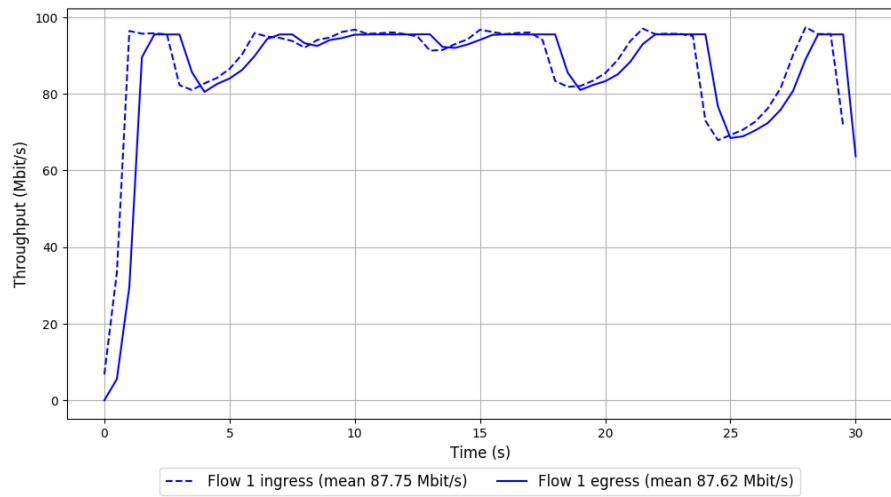


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-18 01:41:11
End at: 2018-07-18 01:41:41
Local clock offset: 0.501 ms
Remote clock offset: 1.849 ms

# Below is generated by plot.py at 2018-07-18 05:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 61.547 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 61.547 ms
Loss rate: 0.46%
```

Run 2: Report of PCC-Expr — Data Link

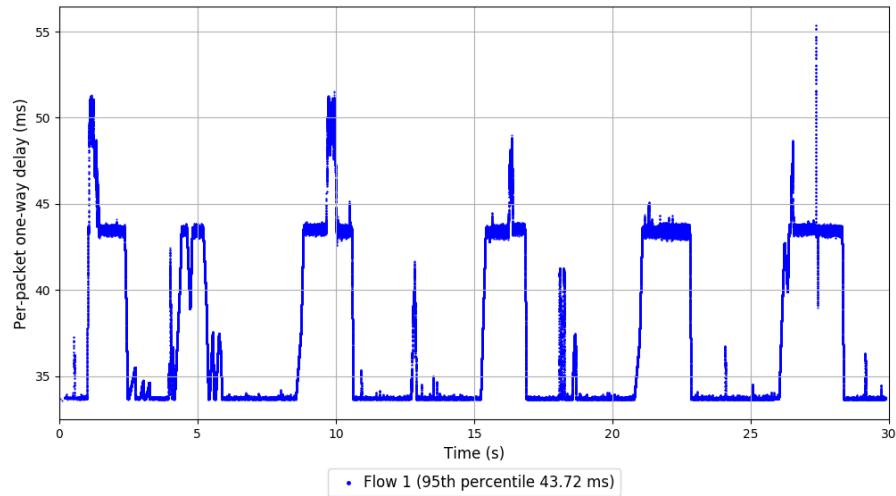
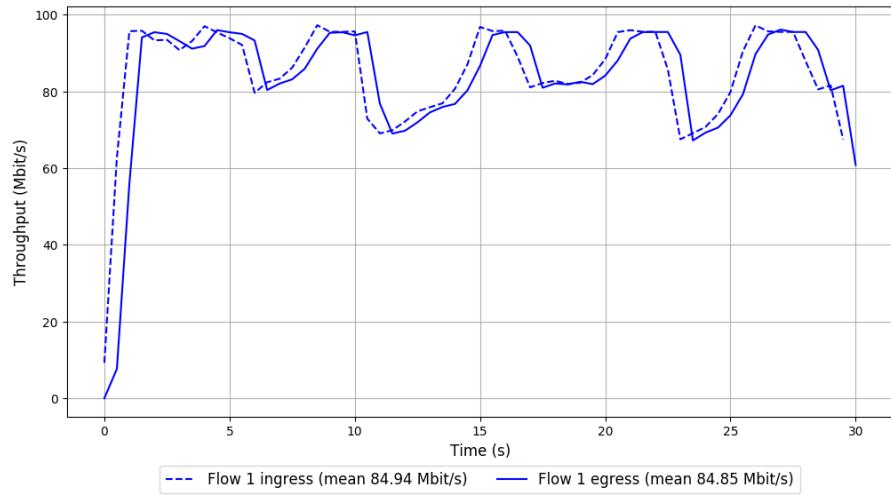


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-18 02:03:43
End at: 2018-07-18 02:04:13
Local clock offset: 0.811 ms
Remote clock offset: -0.043 ms

# Below is generated by plot.py at 2018-07-18 05:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.85 Mbit/s
95th percentile per-packet one-way delay: 43.719 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 84.85 Mbit/s
95th percentile per-packet one-way delay: 43.719 ms
Loss rate: 0.35%
```

Run 3: Report of PCC-Expr — Data Link

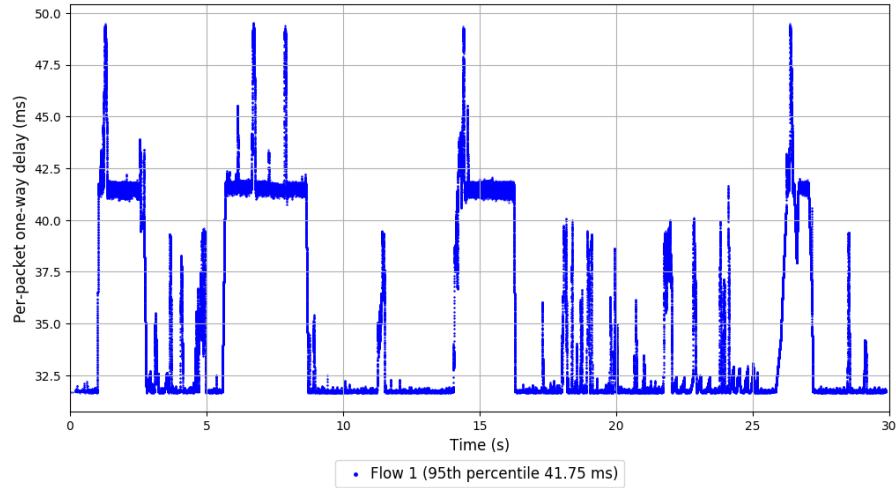
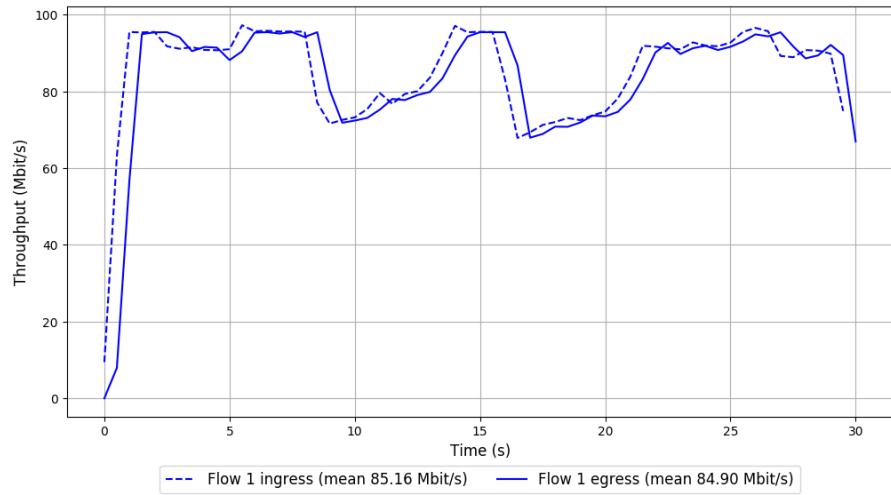


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-18 02:26:56
End at: 2018-07-18 02:27:26
Local clock offset: 0.893 ms
Remote clock offset: 2.006 ms

# Below is generated by plot.py at 2018-07-18 05:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 41.753 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 41.753 ms
Loss rate: 0.55%
```

Run 4: Report of PCC-Expr — Data Link

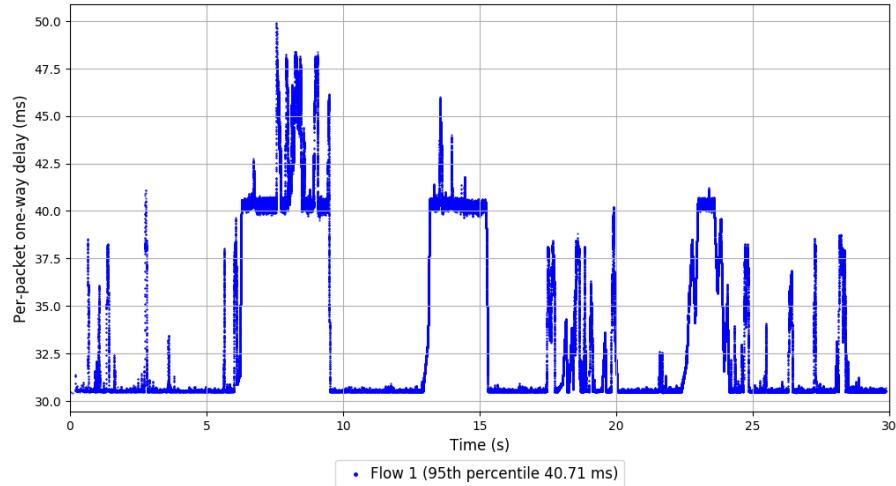
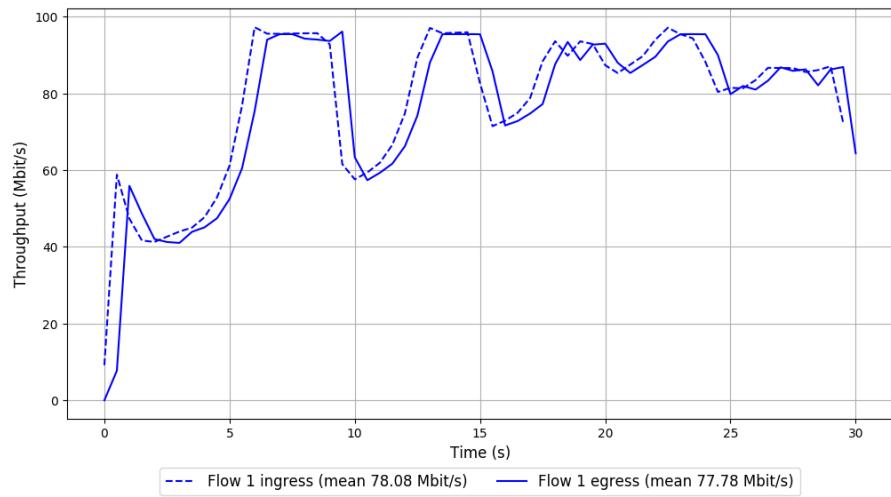


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-18 02:50:33
End at: 2018-07-18 02:51:03
Local clock offset: 1.002 ms
Remote clock offset: 3.148 ms

# Below is generated by plot.py at 2018-07-18 05:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 40.710 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 40.710 ms
Loss rate: 0.63%
```

Run 5: Report of PCC-Expr — Data Link

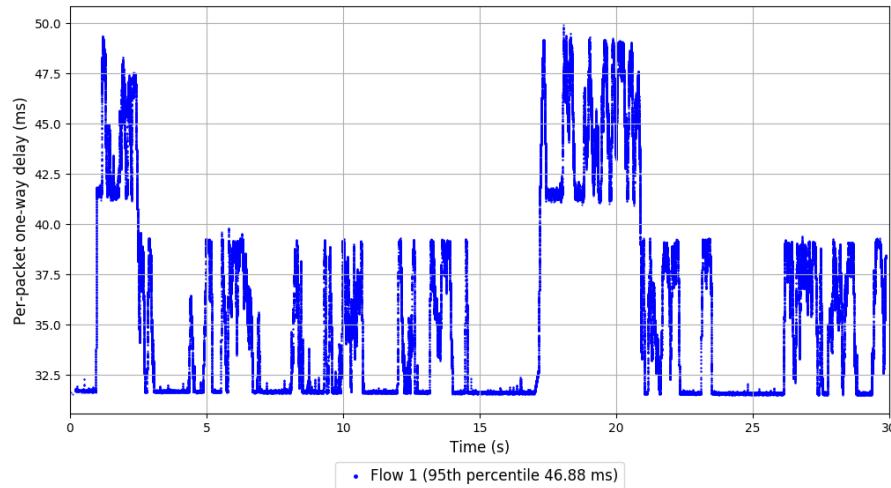
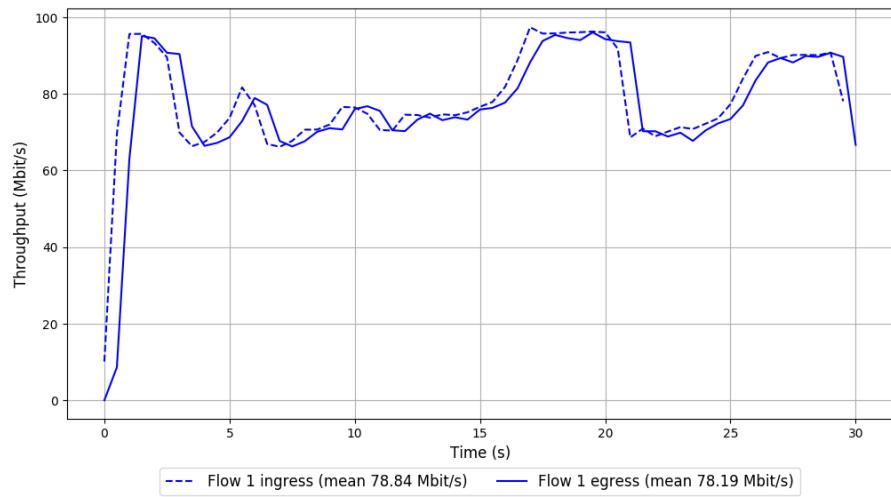


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-18 03:15:50
End at: 2018-07-18 03:16:20
Local clock offset: 1.378 ms
Remote clock offset: -1.773 ms

# Below is generated by plot.py at 2018-07-18 05:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.19 Mbit/s
95th percentile per-packet one-way delay: 46.883 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 78.19 Mbit/s
95th percentile per-packet one-way delay: 46.883 ms
Loss rate: 1.07%
```

Run 6: Report of PCC-Expr — Data Link

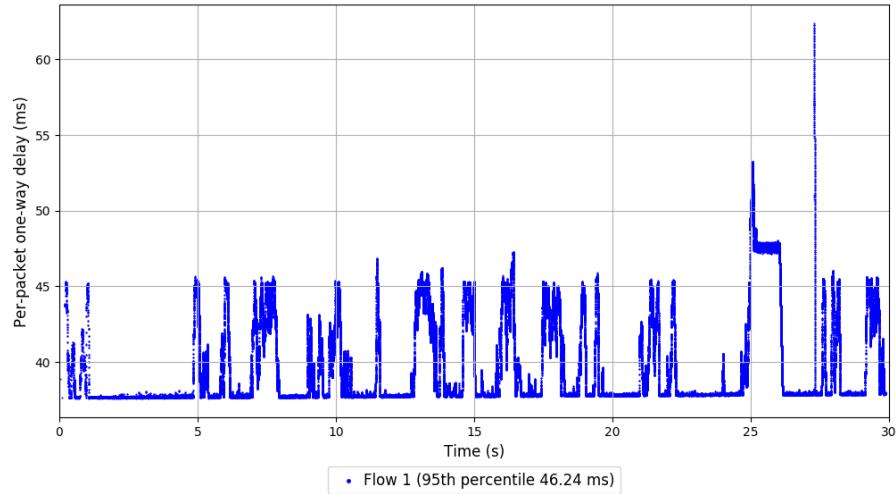
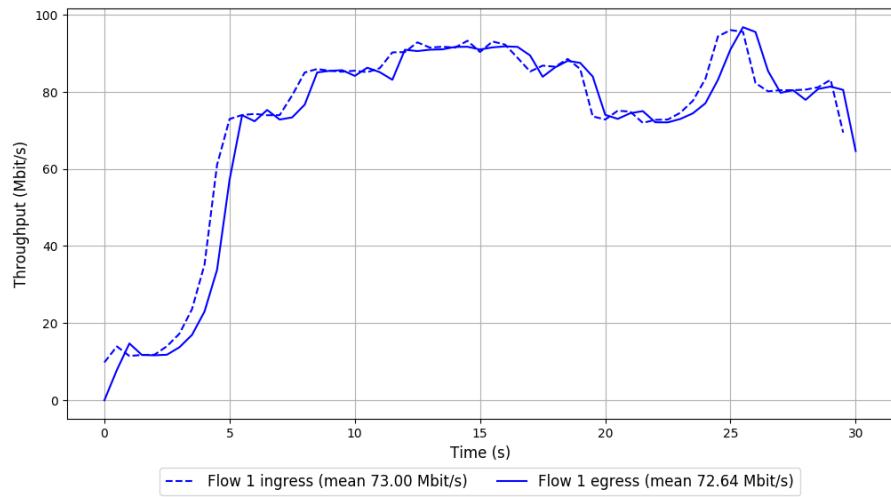


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-18 03:41:51
End at: 2018-07-18 03:42:21
Local clock offset: 12.547 ms
Remote clock offset: -10.736 ms

# Below is generated by plot.py at 2018-07-18 05:22:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.64 Mbit/s
95th percentile per-packet one-way delay: 46.240 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 72.64 Mbit/s
95th percentile per-packet one-way delay: 46.240 ms
Loss rate: 0.74%
```

Run 7: Report of PCC-Expr — Data Link

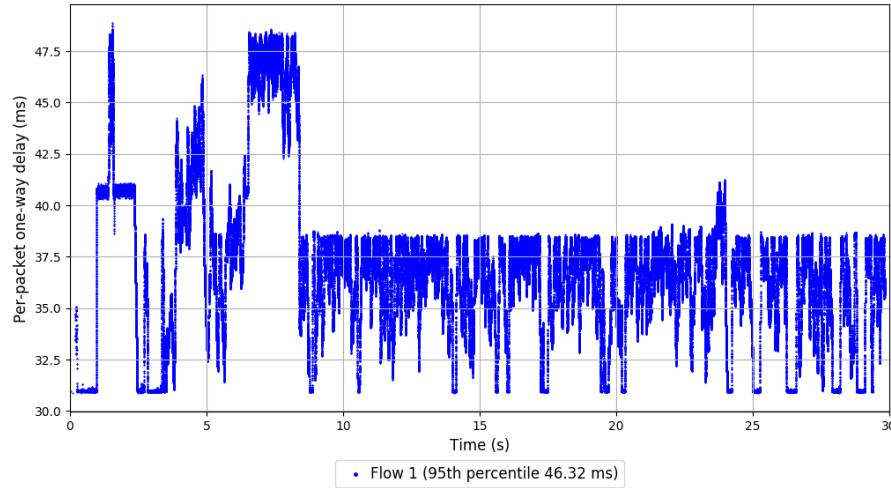
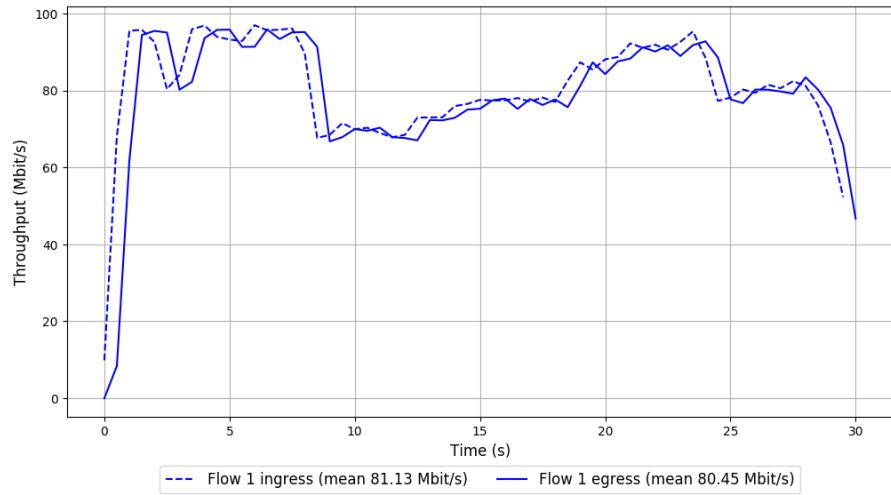


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-18 04:06:27
End at: 2018-07-18 04:06:57
Local clock offset: 12.487 ms
Remote clock offset: 2.386 ms

# Below is generated by plot.py at 2018-07-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.45 Mbit/s
95th percentile per-packet one-way delay: 46.324 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 80.45 Mbit/s
95th percentile per-packet one-way delay: 46.324 ms
Loss rate: 1.08%
```

Run 8: Report of PCC-Expr — Data Link

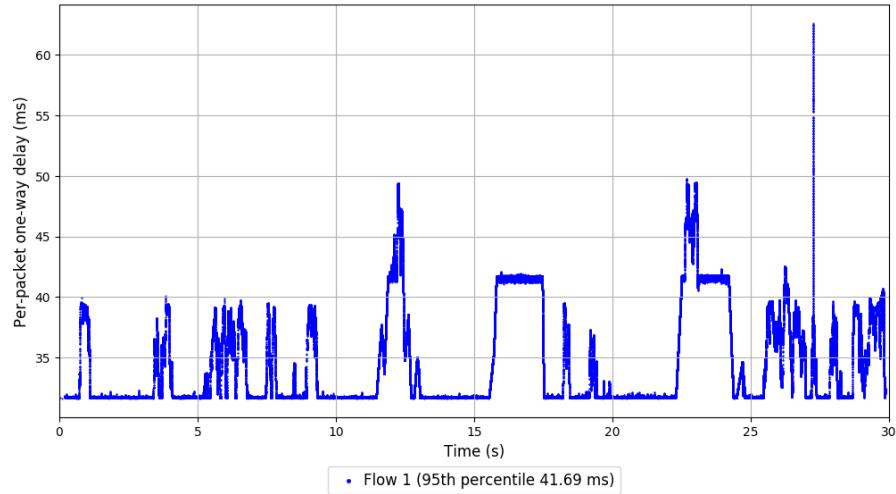
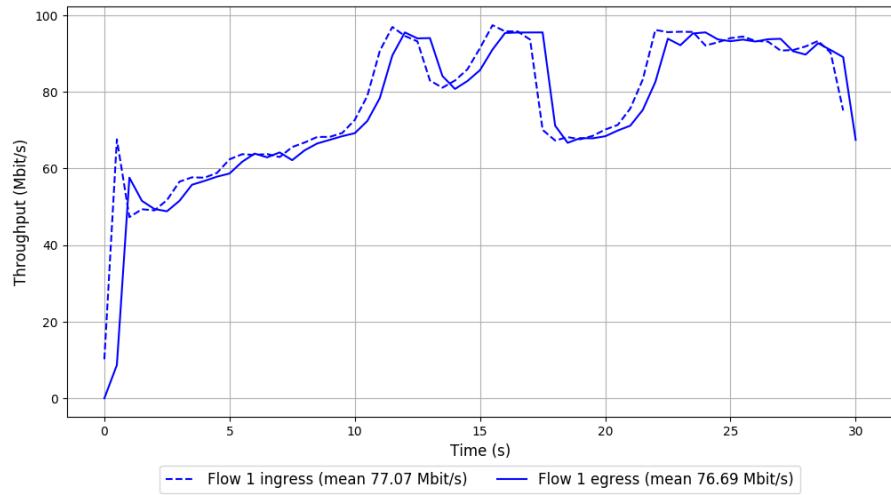


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-18 04:32:04
End at: 2018-07-18 04:32:34
Local clock offset: 11.229 ms
Remote clock offset: 1.566 ms

# Below is generated by plot.py at 2018-07-18 05:23:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 41.685 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 41.685 ms
Loss rate: 0.74%
```

Run 9: Report of PCC-Expr — Data Link

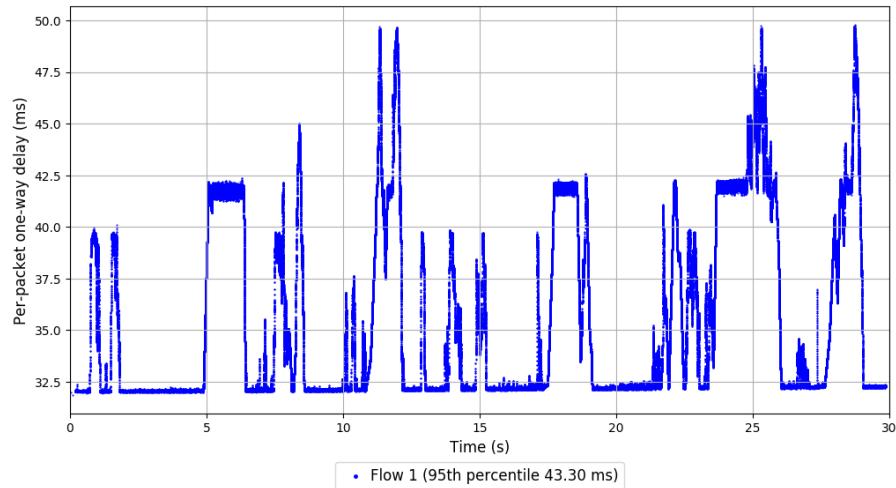
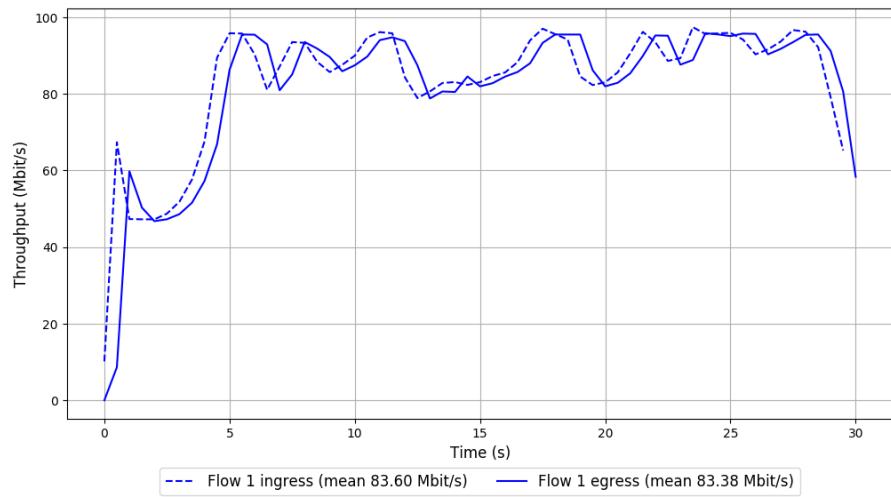


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-18 04:55:48
End at: 2018-07-18 04:56:18
Local clock offset: 3.74 ms
Remote clock offset: 1.221 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 43.297 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 43.297 ms
Loss rate: 0.51%
```

Run 10: Report of PCC-Expr — Data Link

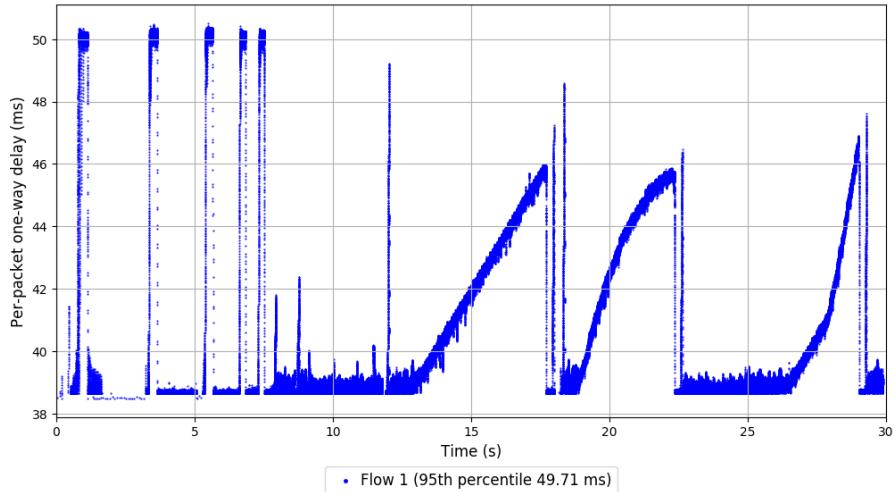
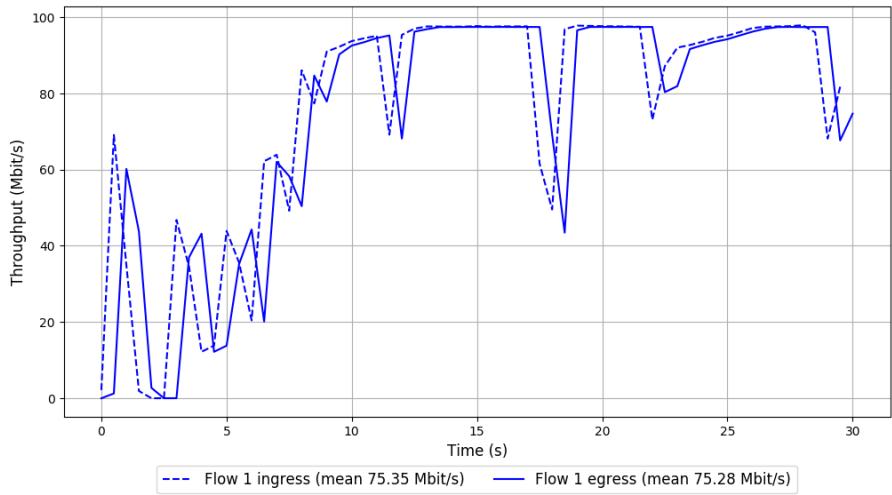


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-07-18 01:17:36
End at: 2018-07-18 01:18:07
Local clock offset: 0.58 ms
Remote clock offset: -2.39 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 49.707 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 49.707 ms
Loss rate: 0.33%
```

Run 1: Report of QUIC Cubic — Data Link

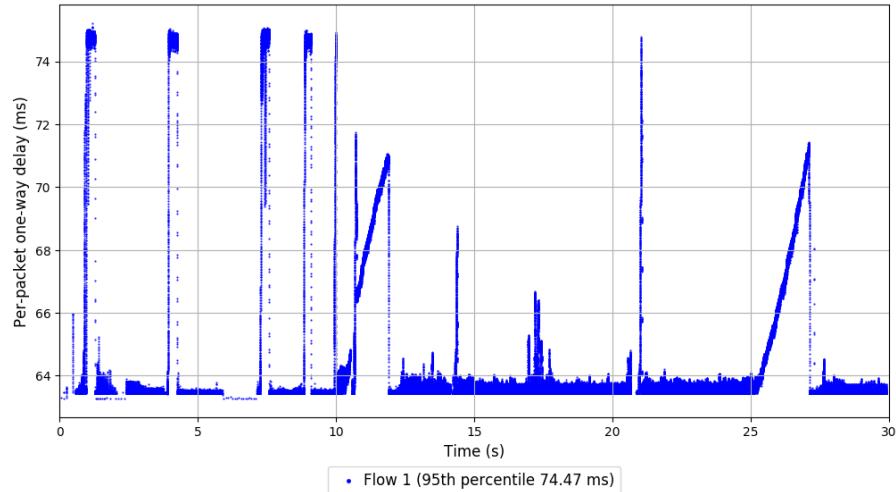
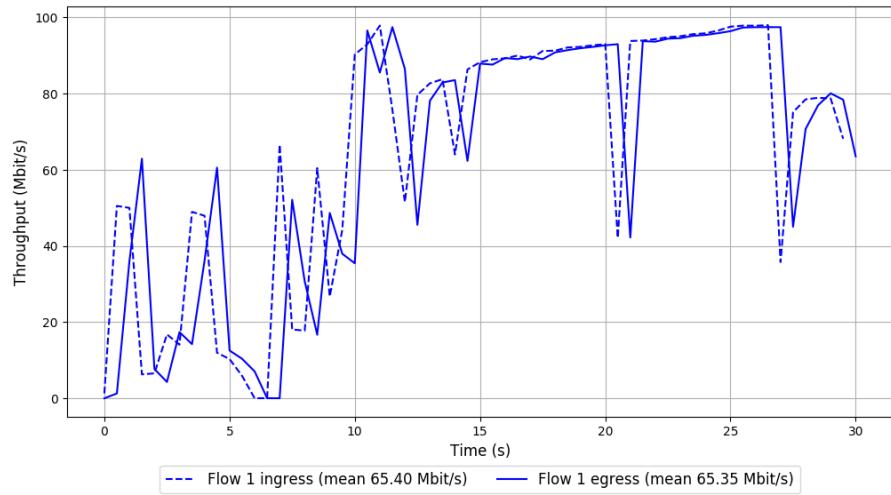


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-18 01:39:53
End at: 2018-07-18 01:40:23
Local clock offset: 0.507 ms
Remote clock offset: -9.049 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 74.469 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 74.469 ms
Loss rate: 0.37%
```

Run 2: Report of QUIC Cubic — Data Link

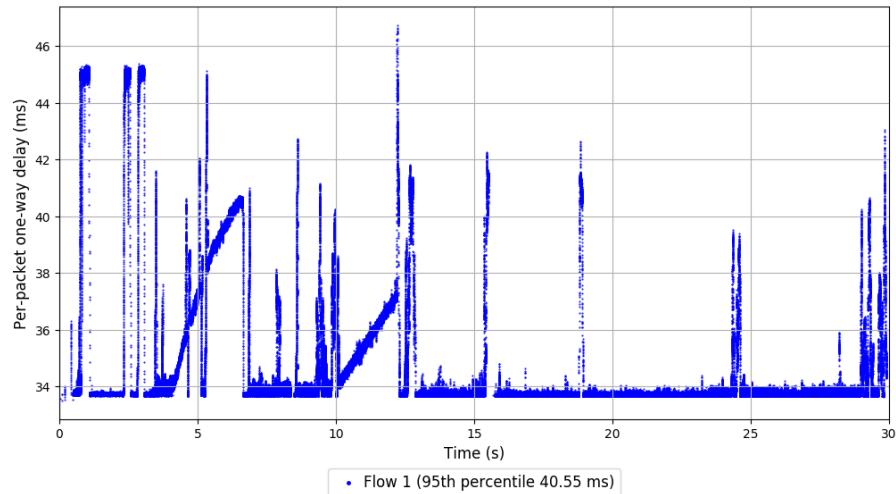
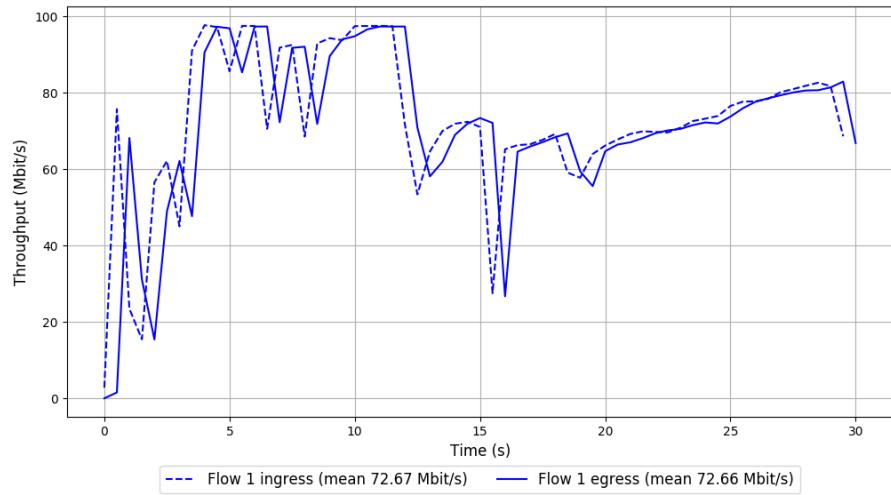


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-18 02:02:24
End at: 2018-07-18 02:02:54
Local clock offset: 0.719 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 40.546 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 40.546 ms
Loss rate: 0.25%
```

Run 3: Report of QUIC Cubic — Data Link

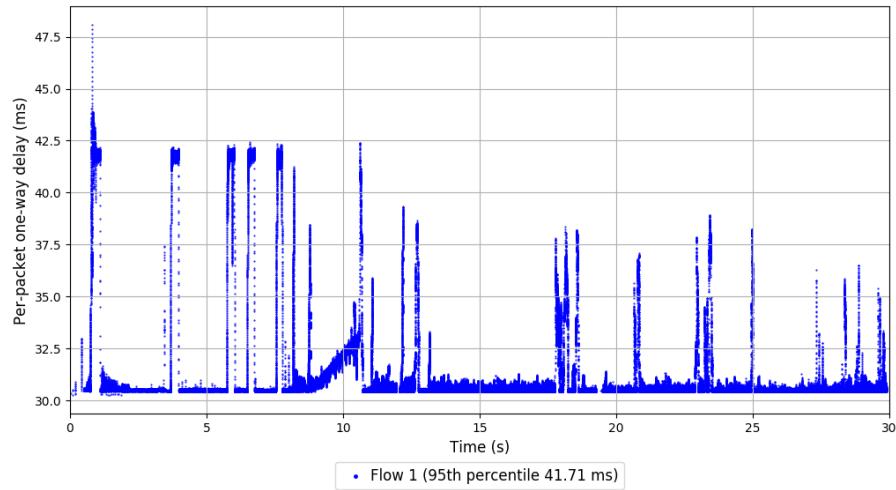
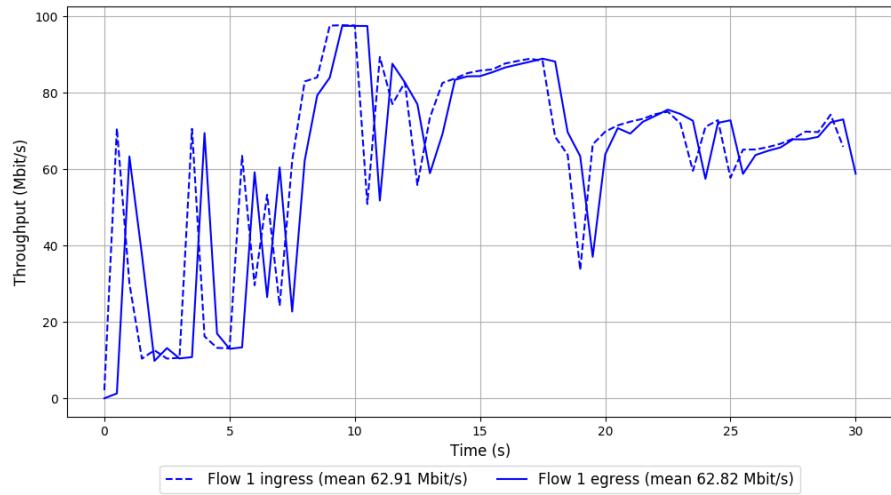


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-18 02:25:29
End at: 2018-07-18 02:25:59
Local clock offset: 0.877 ms
Remote clock offset: 3.252 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 41.706 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 41.706 ms
Loss rate: 0.38%
```

Run 4: Report of QUIC Cubic — Data Link

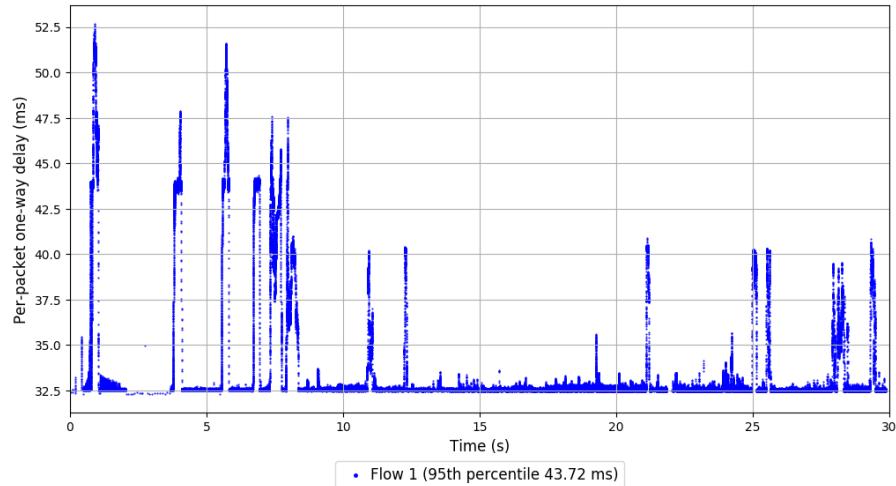
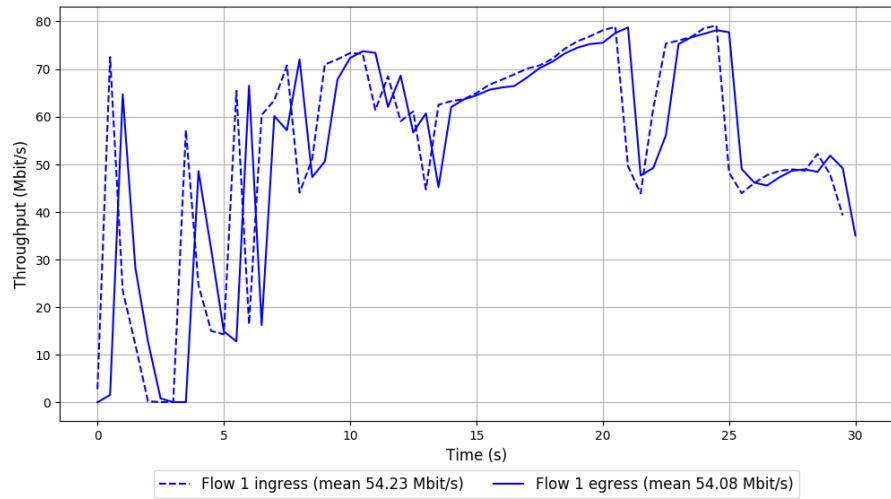


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-18 02:49:13
End at: 2018-07-18 02:49:43
Local clock offset: 0.965 ms
Remote clock offset: 1.158 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 43.721 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 43.721 ms
Loss rate: 0.52%
```

Run 5: Report of QUIC Cubic — Data Link

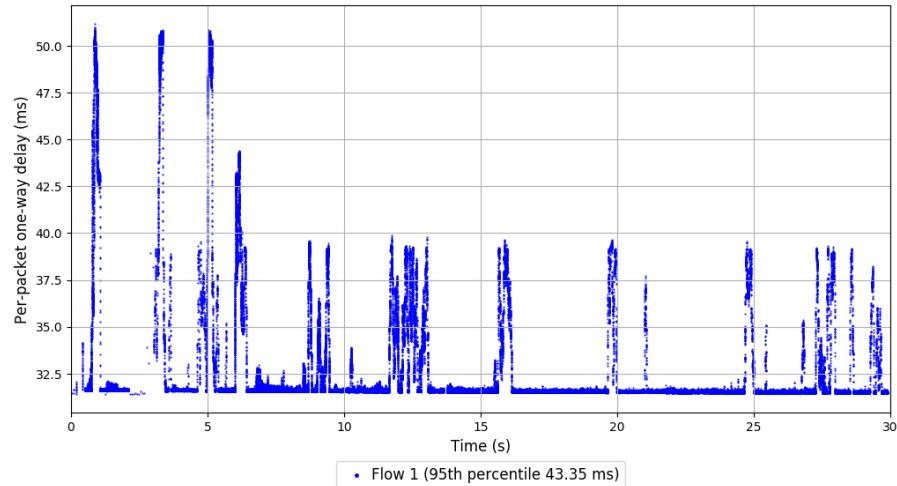
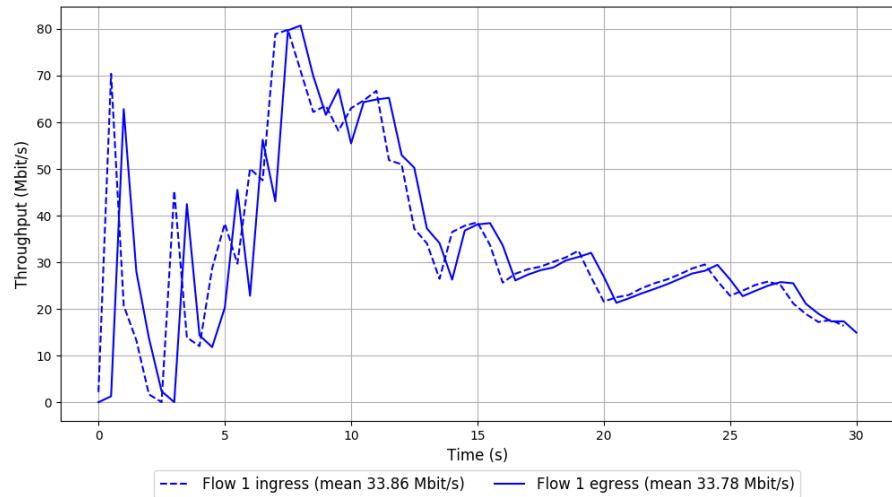


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-18 03:14:29
End at: 2018-07-18 03:14:59
Local clock offset: 1.282 ms
Remote clock offset: -1.378 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 43.351 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 43.351 ms
Loss rate: 0.47%
```

Run 6: Report of QUIC Cubic — Data Link

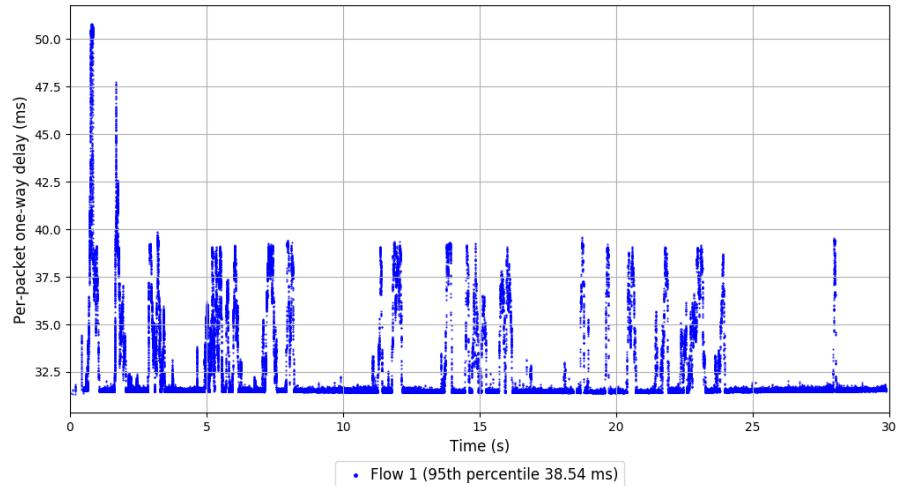
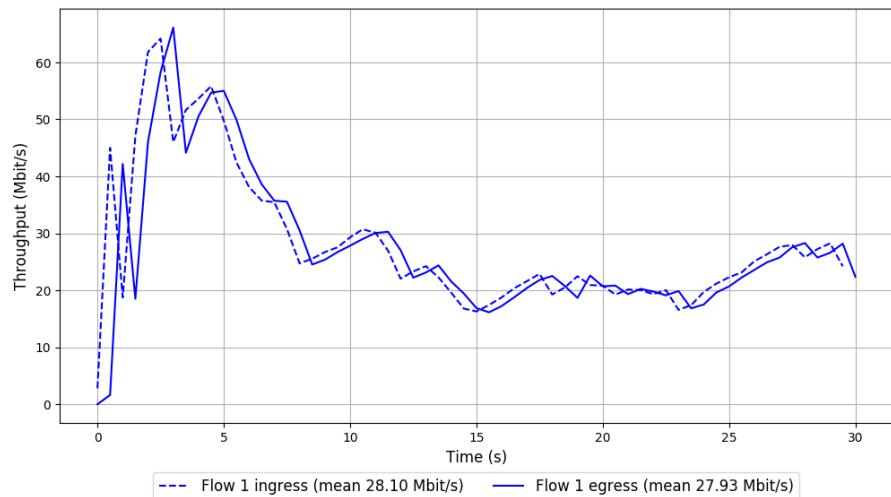


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-18 03:40:30
End at: 2018-07-18 03:41:00
Local clock offset: 12.267 ms
Remote clock offset: -5.518 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 38.538 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 38.538 ms
Loss rate: 0.84%
```

Run 7: Report of QUIC Cubic — Data Link

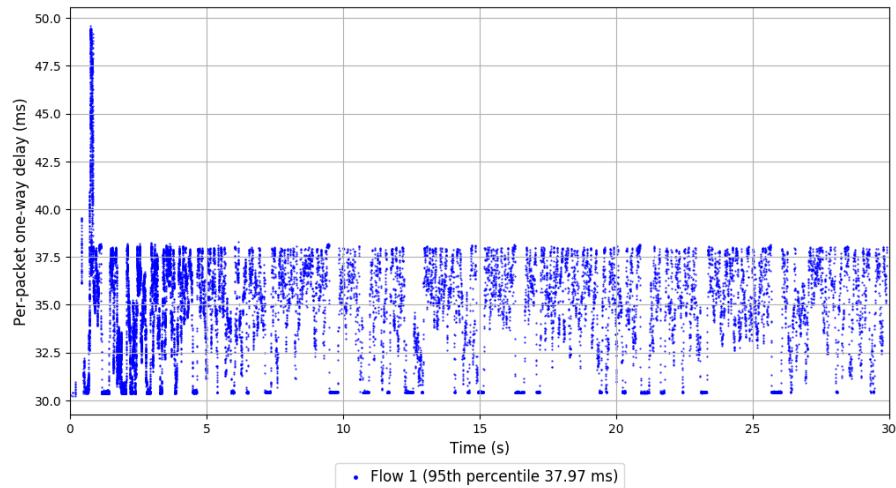
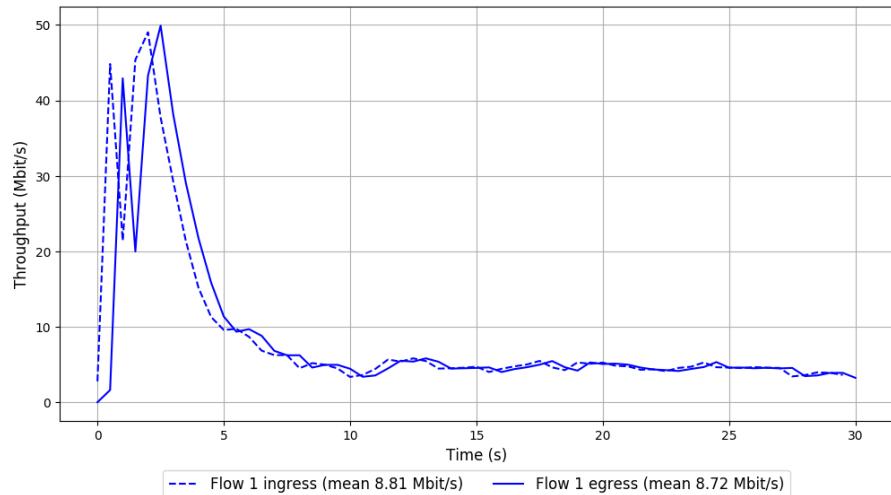


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-18 04:05:08
End at: 2018-07-18 04:05:38
Local clock offset: 12.439 ms
Remote clock offset: 2.818 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 37.972 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 37.972 ms
Loss rate: 1.23%
```

Run 8: Report of QUIC Cubic — Data Link

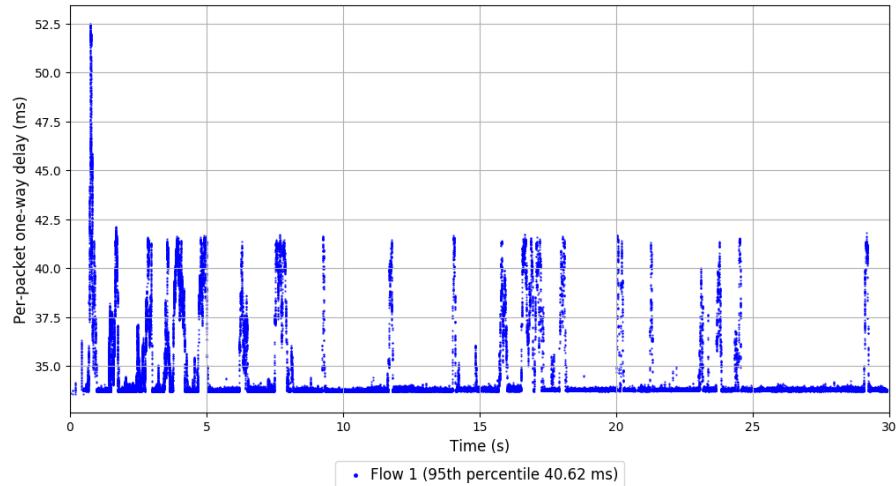
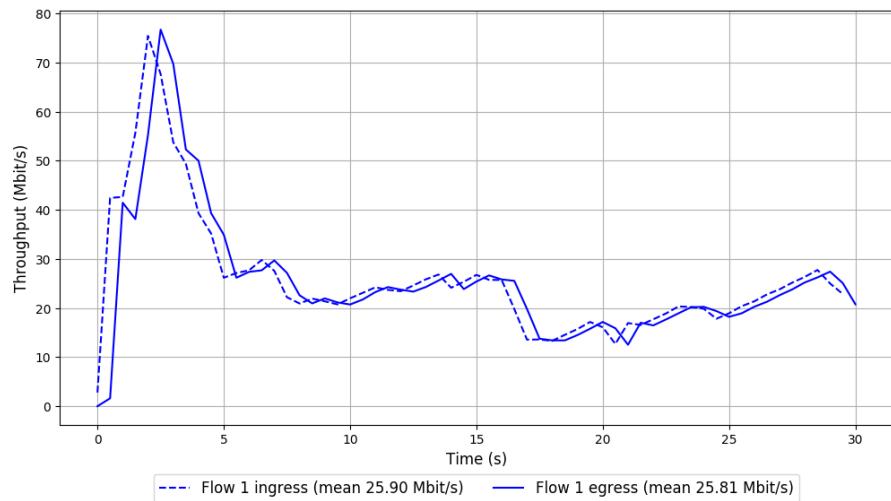


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-18 04:30:46
End at: 2018-07-18 04:31:16
Local clock offset: 11.176 ms
Remote clock offset: -0.483 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.81 Mbit/s
95th percentile per-packet one-way delay: 40.623 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 25.81 Mbit/s
95th percentile per-packet one-way delay: 40.623 ms
Loss rate: 0.58%
```

Run 9: Report of QUIC Cubic — Data Link

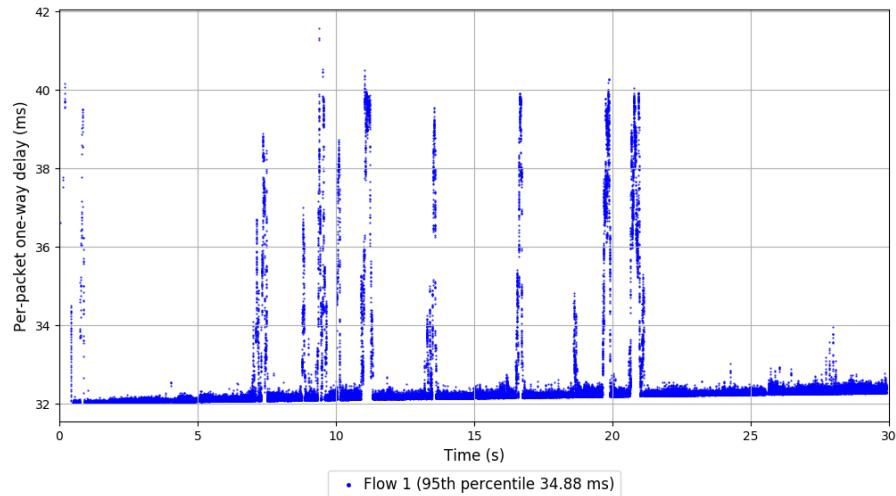
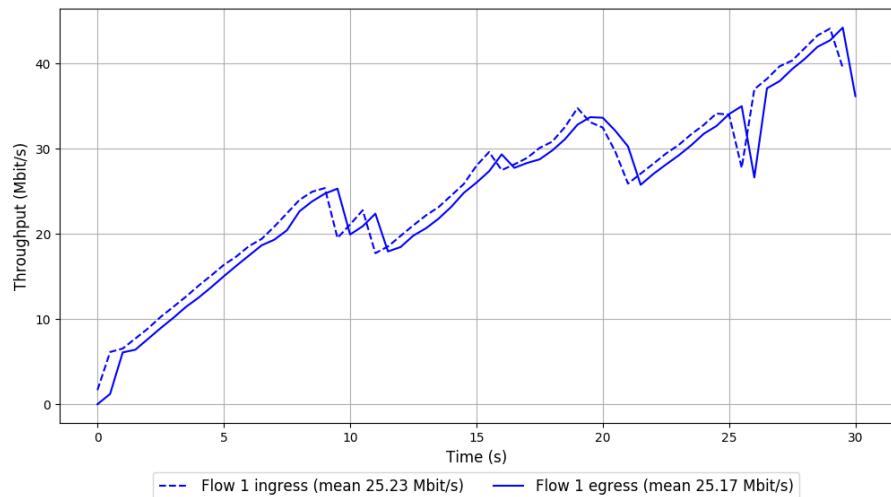


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-18 04:54:30
End at: 2018-07-18 04:55:00
Local clock offset: 4.581 ms
Remote clock offset: 1.343 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 34.876 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 34.876 ms
Loss rate: 0.49%
```

Run 10: Report of QUIC Cubic — Data Link

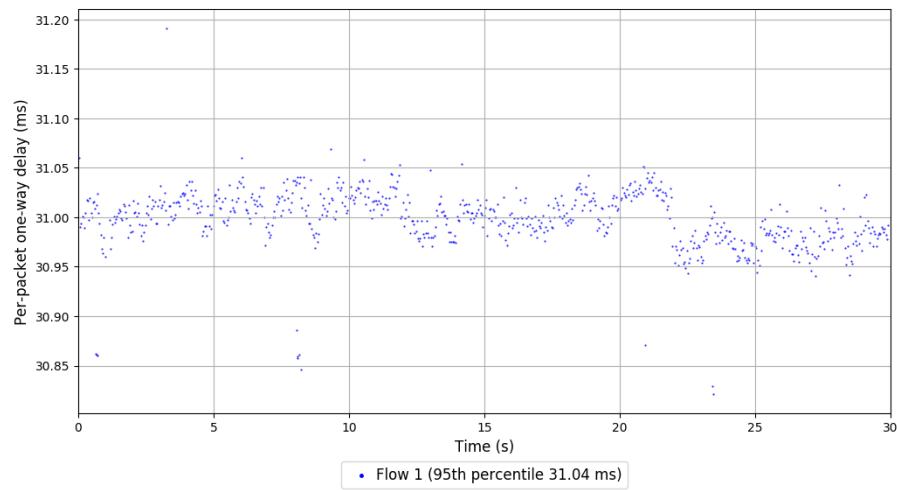
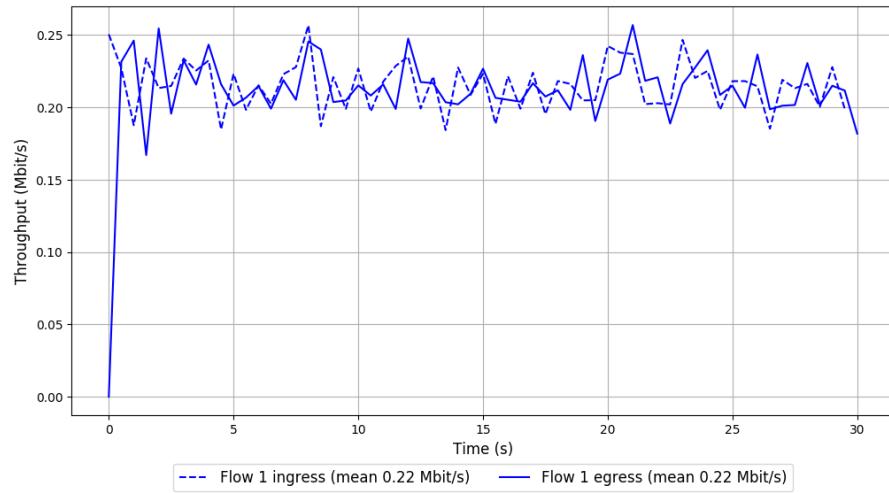


Run 1: Statistics of SCReAM

```
Start at: 2018-07-18 01:25:34
End at: 2018-07-18 01:26:04
Local clock offset: 0.477 ms
Remote clock offset: -4.739 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.035 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.035 ms
Loss rate: 0.26%
```

Run 1: Report of SCReAM — Data Link

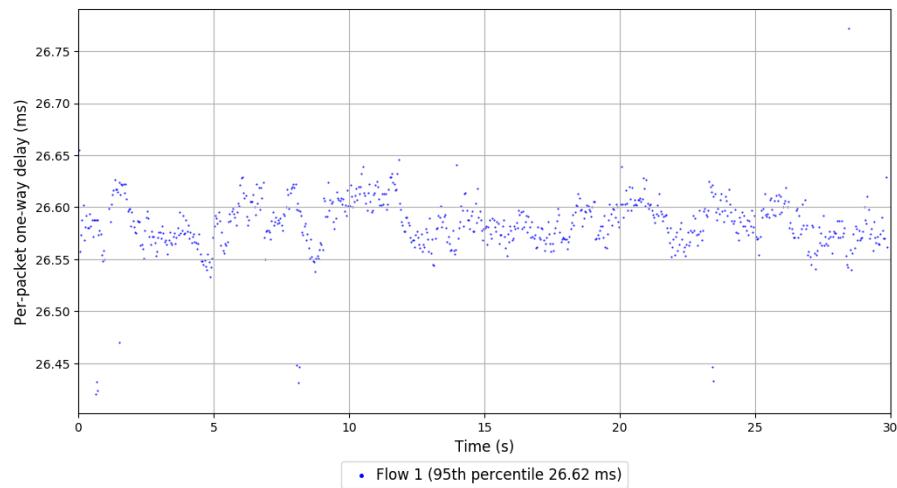
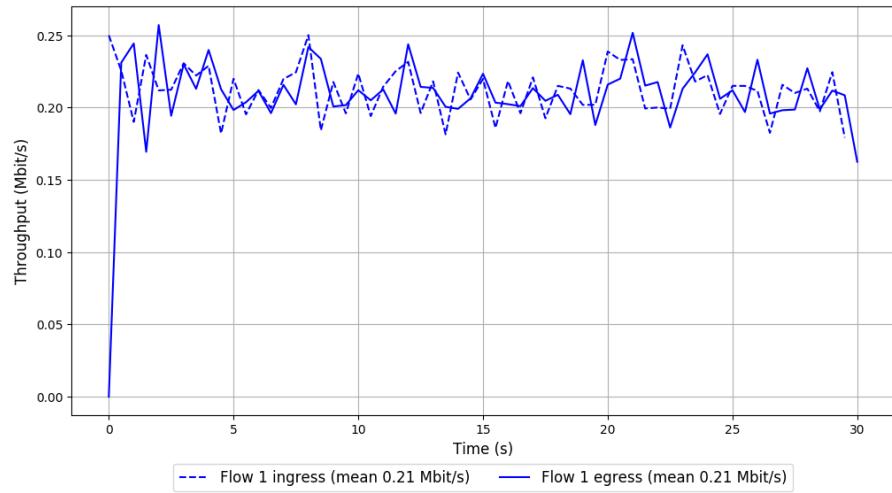


Run 2: Statistics of SCReAM

```
Start at: 2018-07-18 01:47:49
End at: 2018-07-18 01:48:19
Local clock offset: 0.464 ms
Remote clock offset: -0.642 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.620 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.620 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

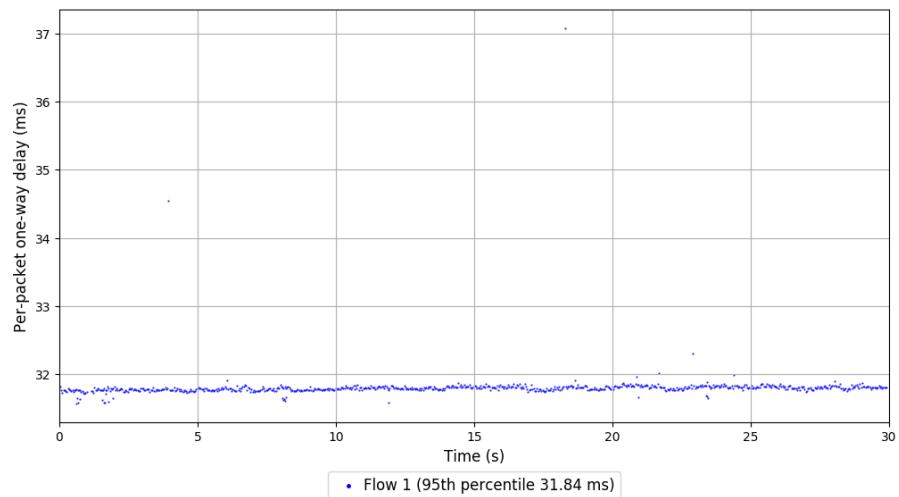
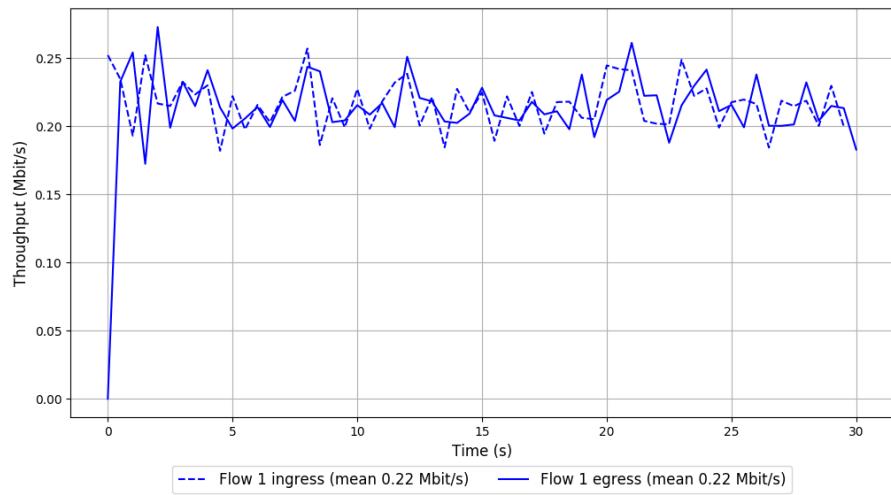


Run 3: Statistics of SCReAM

```
Start at: 2018-07-18 02:10:34
End at: 2018-07-18 02:11:04
Local clock offset: 0.823 ms
Remote clock offset: 1.827 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.845 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.845 ms
Loss rate: 0.26%
```

Run 3: Report of SCReAM — Data Link

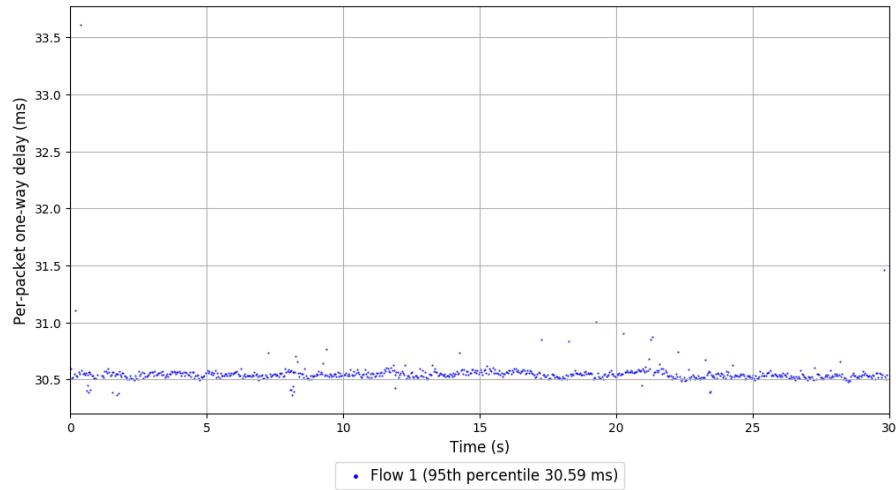
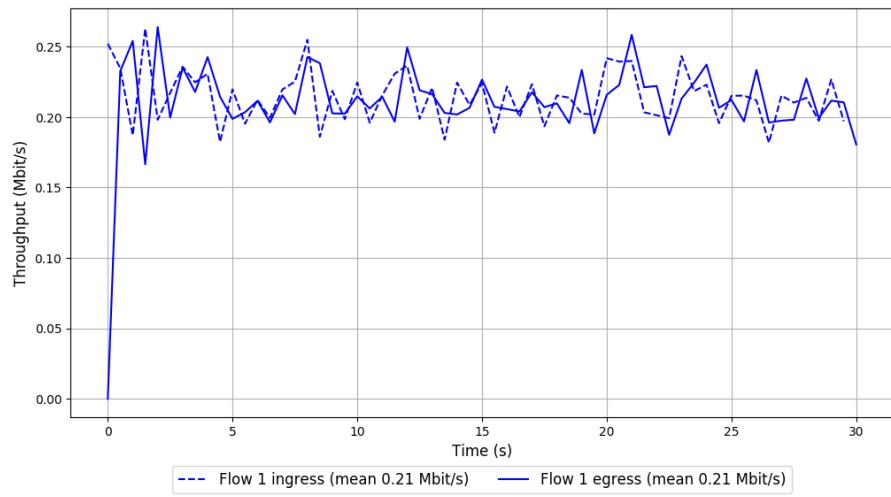


Run 4: Statistics of SCReAM

```
Start at: 2018-07-18 02:34:07
End at: 2018-07-18 02:34:37
Local clock offset: 0.888 ms
Remote clock offset: 3.269 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.595 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.595 ms
Loss rate: 0.26%
```

Run 4: Report of SCReAM — Data Link

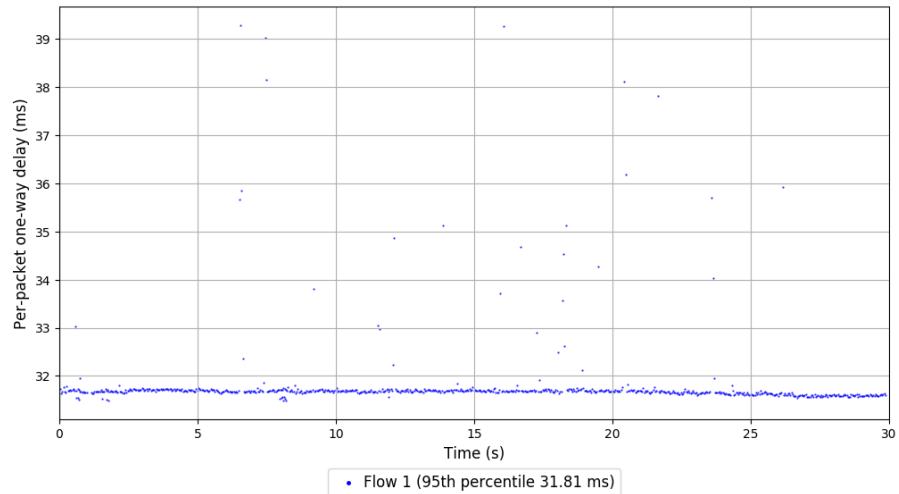
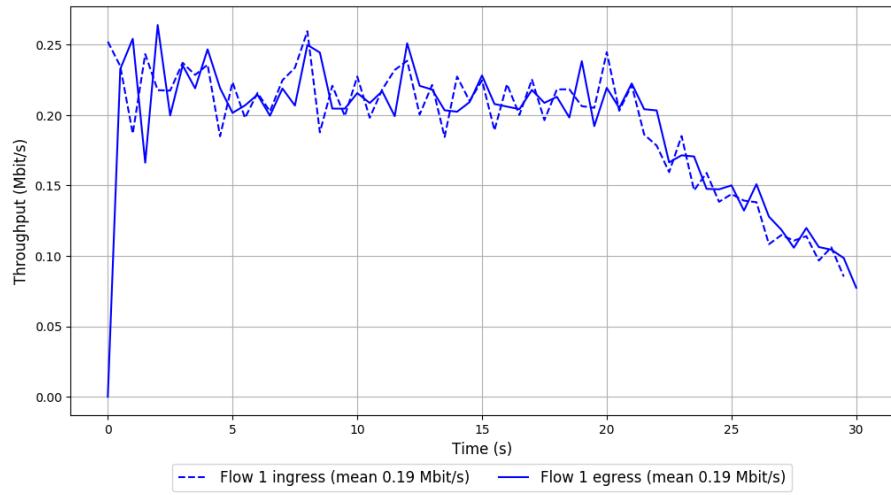


Run 5: Statistics of SCReAM

```
Start at: 2018-07-18 02:57:38
End at: 2018-07-18 02:58:08
Local clock offset: 1.17 ms
Remote clock offset: 1.94 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 31.807 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 31.807 ms
Loss rate: 0.42%
```

Run 5: Report of SCReAM — Data Link

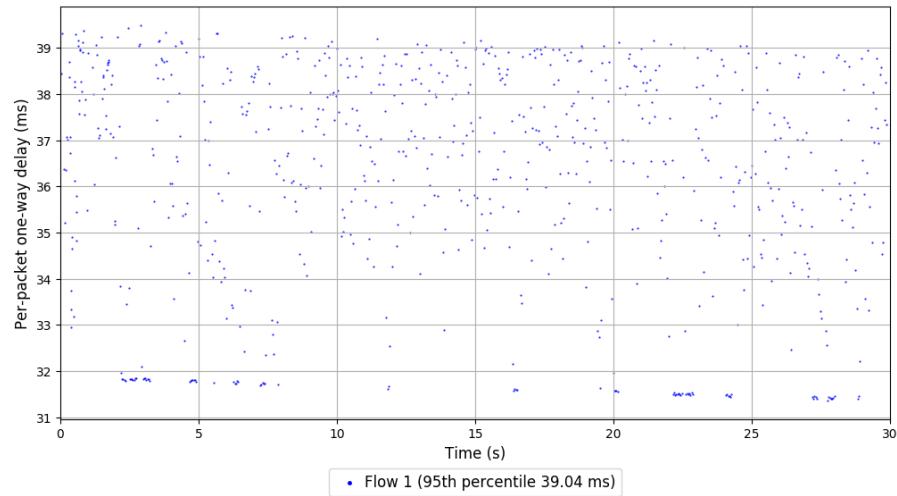
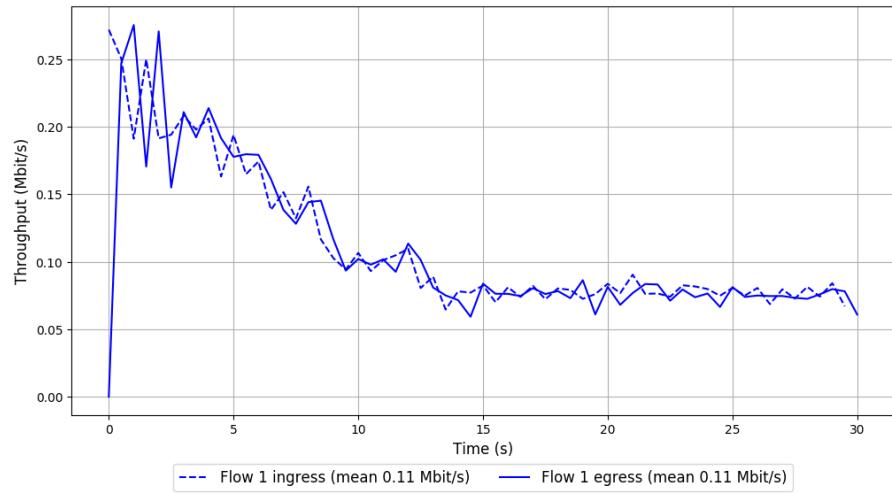


Run 6: Statistics of SCReAM

```
Start at: 2018-07-18 03:24:01
End at: 2018-07-18 03:24:31
Local clock offset: 6.803 ms
Remote clock offset: -3.911 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 39.043 ms
Loss rate: 2.22%
```

Run 6: Report of SCReAM — Data Link

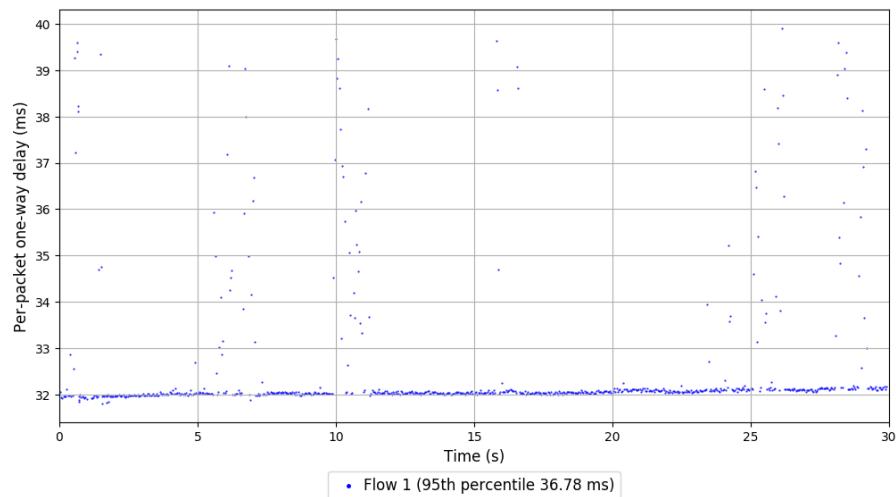
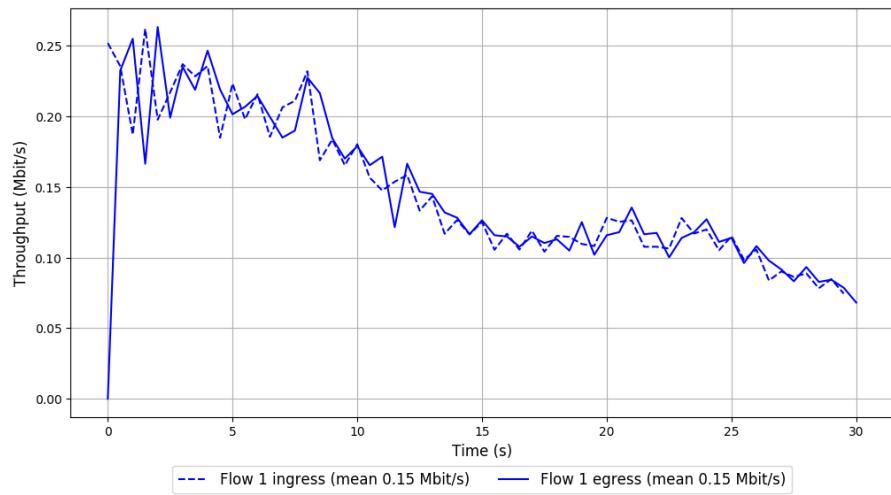


Run 7: Statistics of SCReAM

```
Start at: 2018-07-18 03:48:59
End at: 2018-07-18 03:49:30
Local clock offset: 13.08 ms
Remote clock offset: -1.167 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 36.777 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 36.777 ms
Loss rate: 0.58%
```

Run 7: Report of SCReAM — Data Link

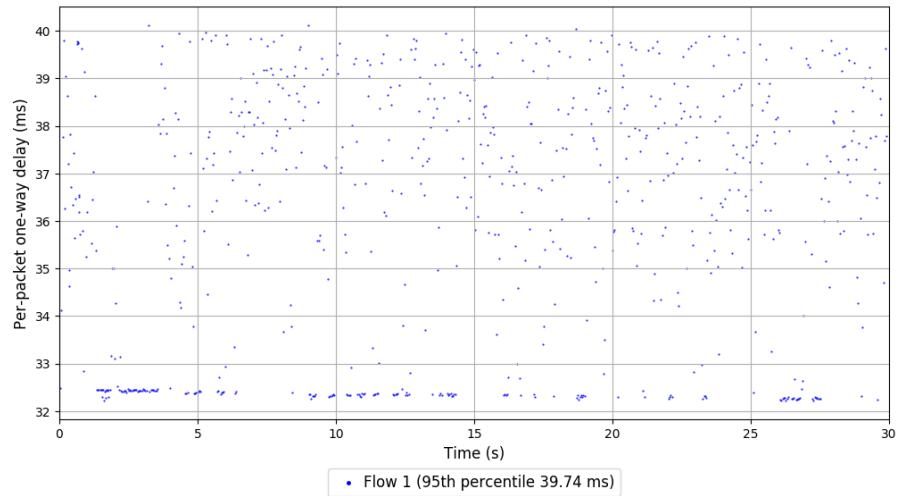
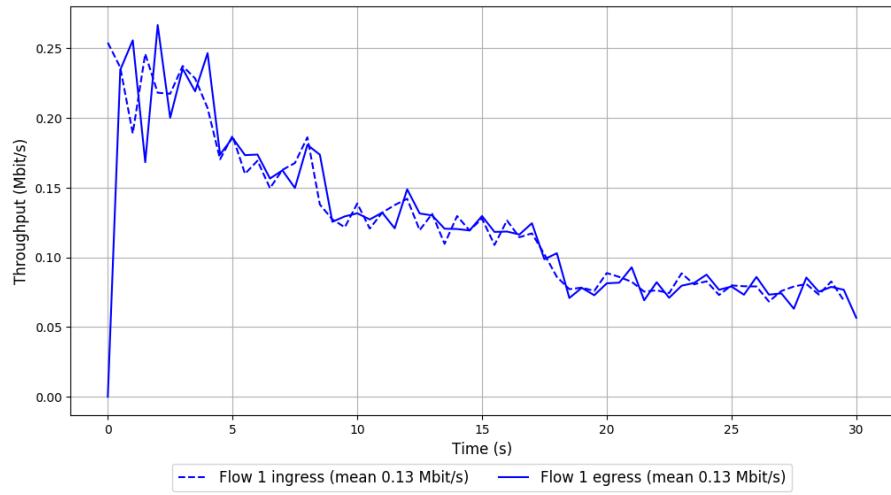


Run 8: Statistics of SCReAM

```
Start at: 2018-07-18 04:15:04
End at: 2018-07-18 04:15:34
Local clock offset: 13.096 ms
Remote clock offset: 1.204 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 39.739 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 39.739 ms
Loss rate: 1.23%
```

Run 8: Report of SCReAM — Data Link

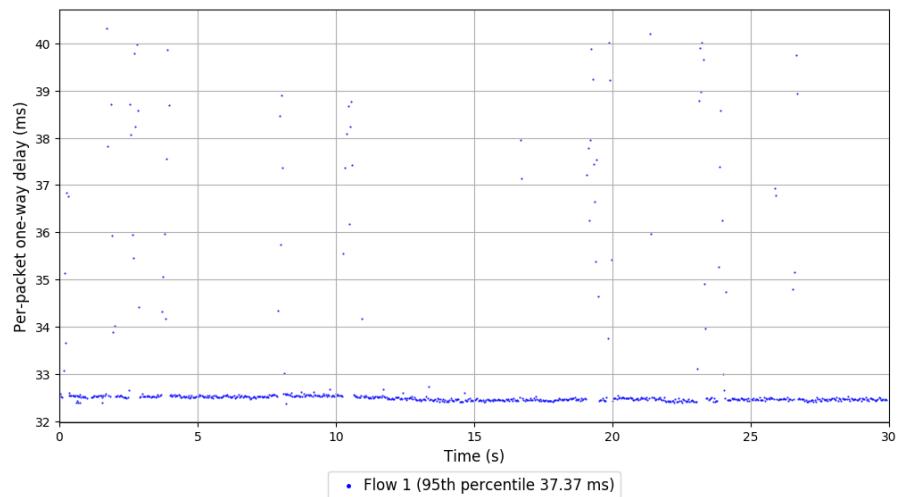
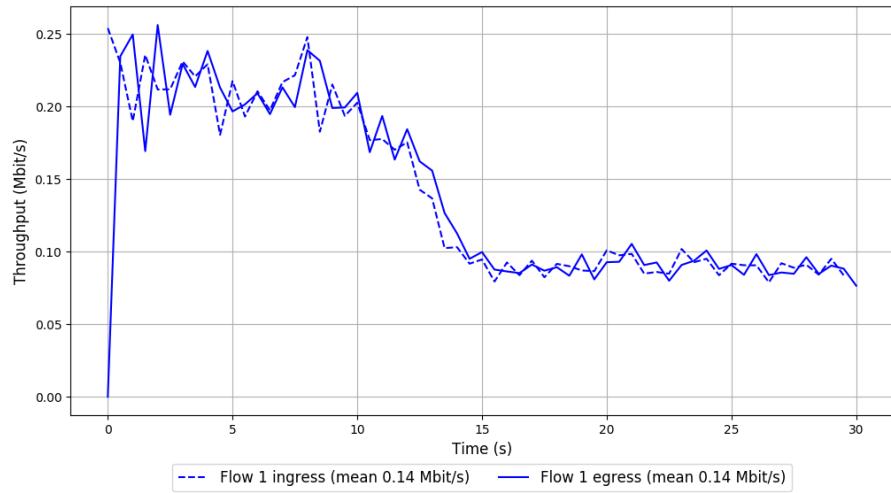


Run 9: Statistics of SCReAM

```
Start at: 2018-07-18 04:39:11
End at: 2018-07-18 04:39:41
Local clock offset: 11.21 ms
Remote clock offset: 0.762 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 37.372 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 37.372 ms
Loss rate: 0.37%
```

Run 9: Report of SCReAM — Data Link

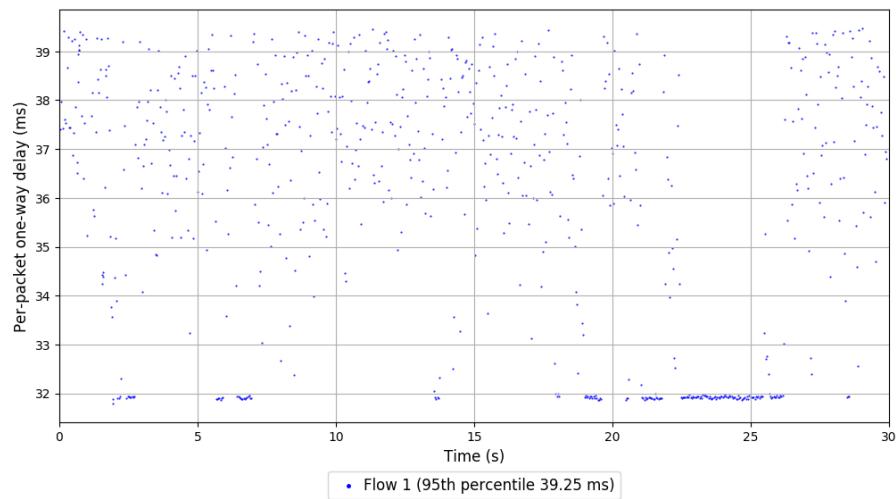
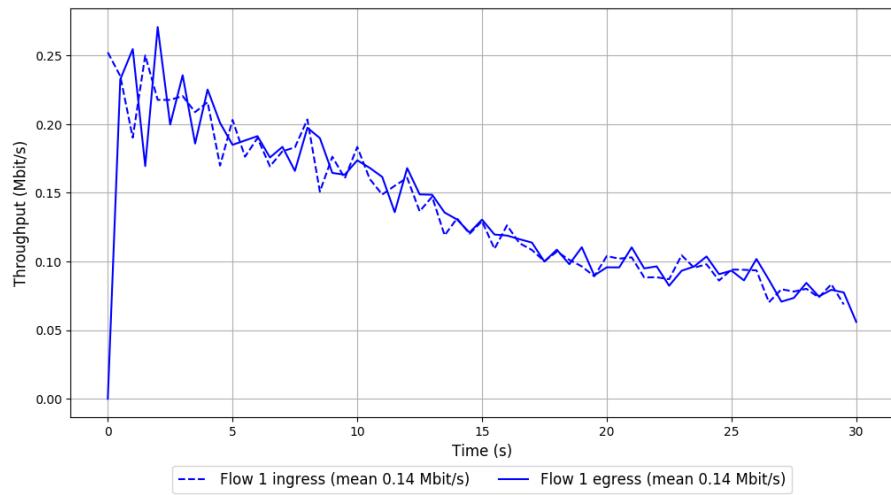


Run 10: Statistics of SCReAM

```
Start at: 2018-07-18 05:03:12
End at: 2018-07-18 05:03:42
Local clock offset: 0.758 ms
Remote clock offset: 1.07 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 39.252 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 39.252 ms
Loss rate: 0.81%
```

Run 10: Report of SCReAM — Data Link

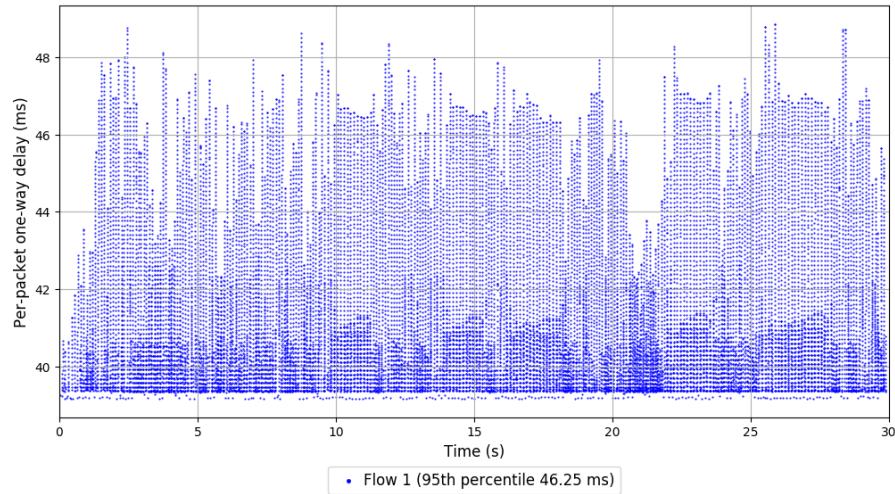
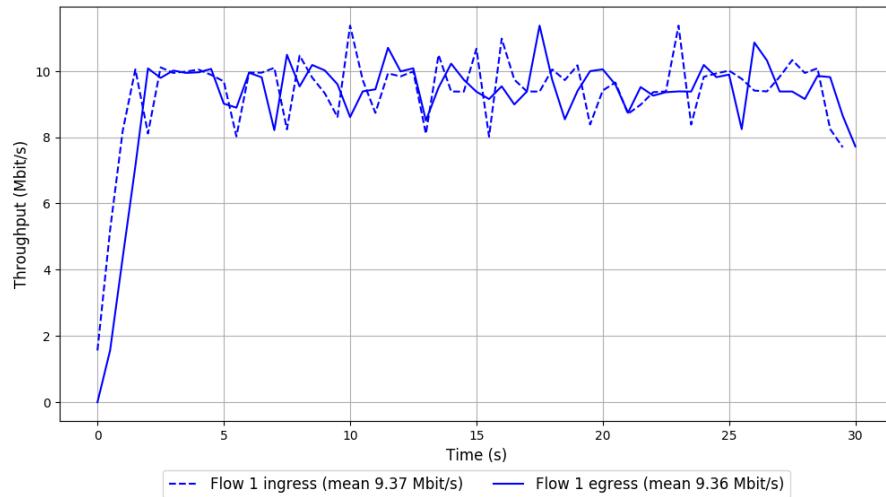


Run 1: Statistics of Sprout

```
Start at: 2018-07-18 01:13:43
End at: 2018-07-18 01:14:13
Local clock offset: 0.505 ms
Remote clock offset: -3.271 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 46.250 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 46.250 ms
Loss rate: 0.28%
```

Run 1: Report of Sprout — Data Link

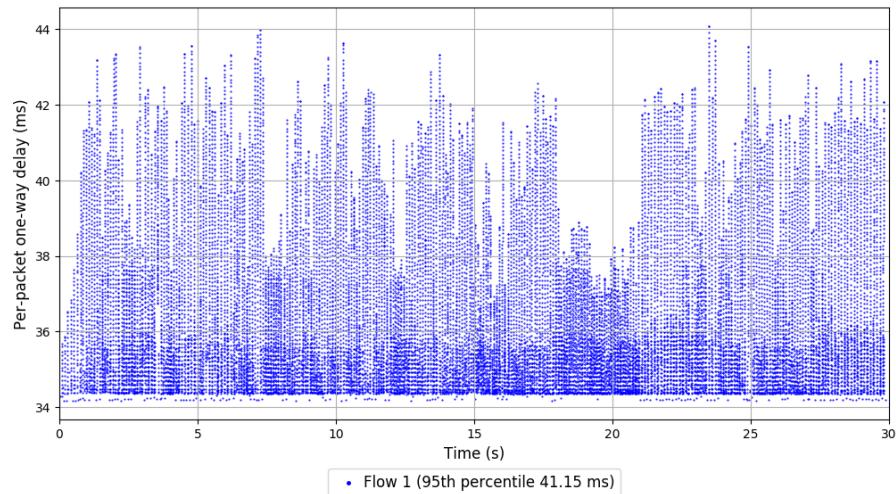
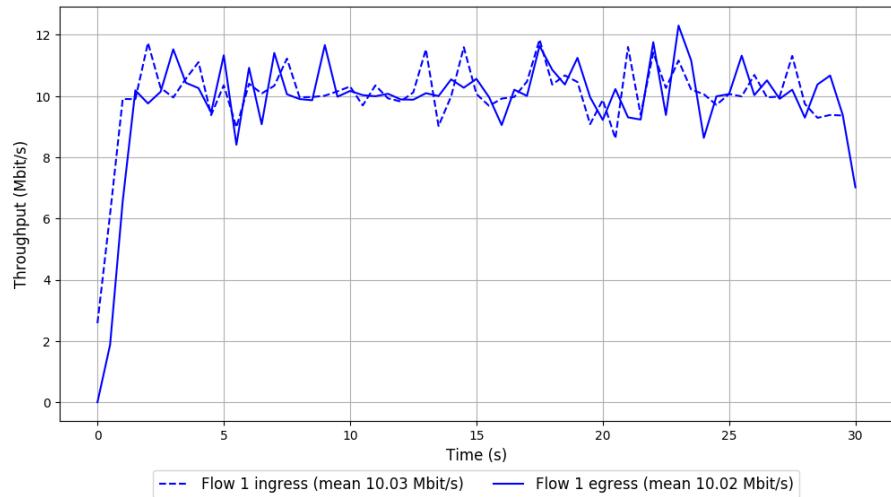


Run 2: Statistics of Sprout

```
Start at: 2018-07-18 01:36:00
End at: 2018-07-18 01:36:30
Local clock offset: 0.416 ms
Remote clock offset: -3.491 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 41.151 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 41.151 ms
Loss rate: 0.39%
```

Run 2: Report of Sprout — Data Link

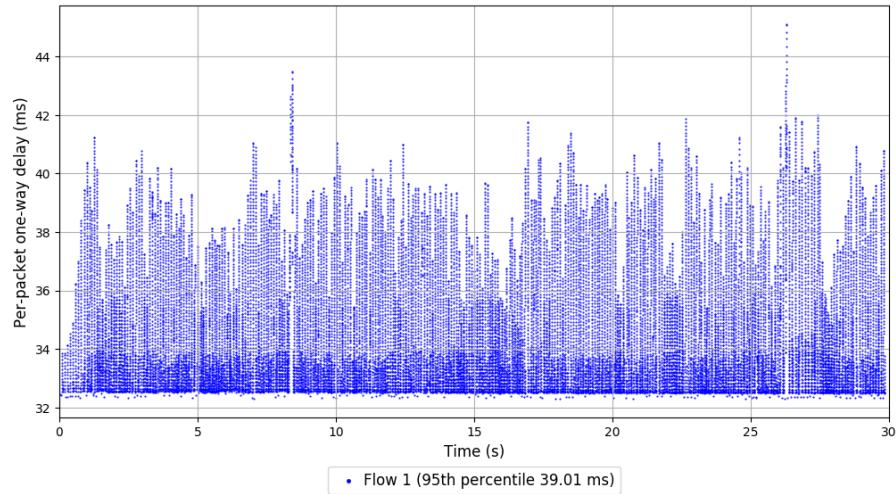
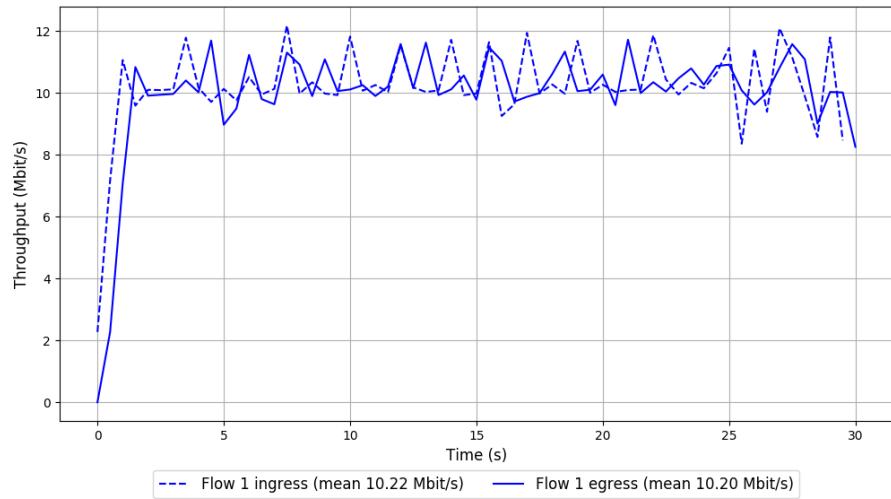


Run 3: Statistics of Sprout

```
Start at: 2018-07-18 01:58:27
End at: 2018-07-18 01:58:57
Local clock offset: 0.787 ms
Remote clock offset: 1.531 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 39.010 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 39.010 ms
Loss rate: 0.39%
```

Run 3: Report of Sprout — Data Link

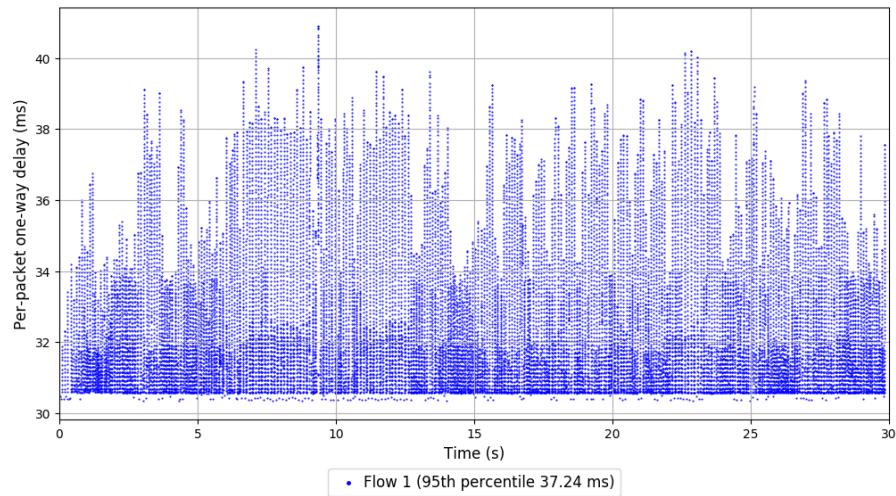
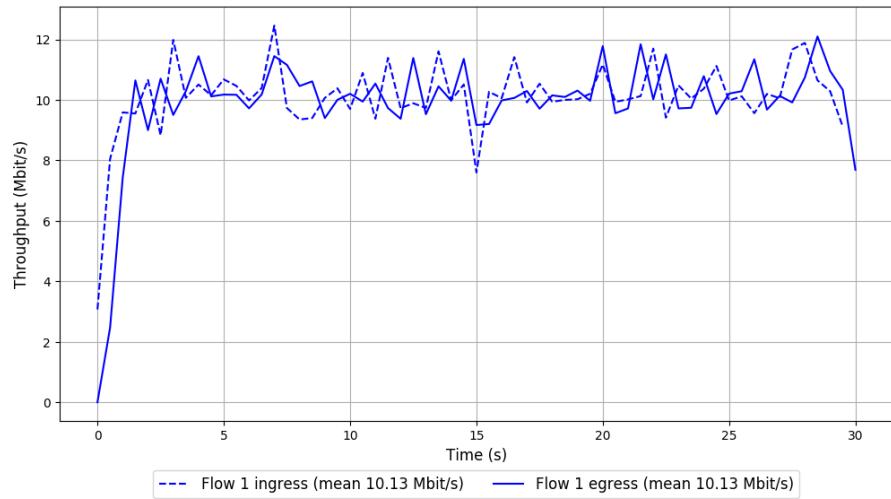


Run 4: Statistics of Sprout

```
Start at: 2018-07-18 02:21:22
End at: 2018-07-18 02:21:52
Local clock offset: 0.864 ms
Remote clock offset: 3.183 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 37.237 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 37.237 ms
Loss rate: 0.35%
```

Run 4: Report of Sprout — Data Link

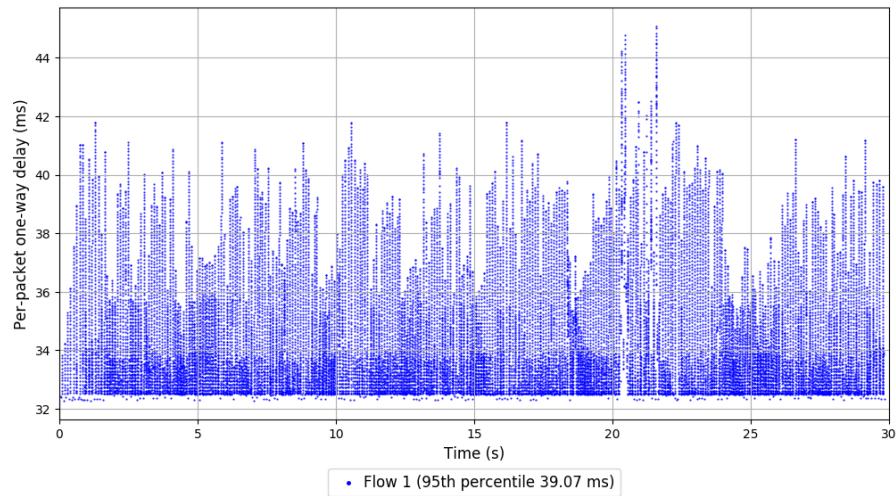
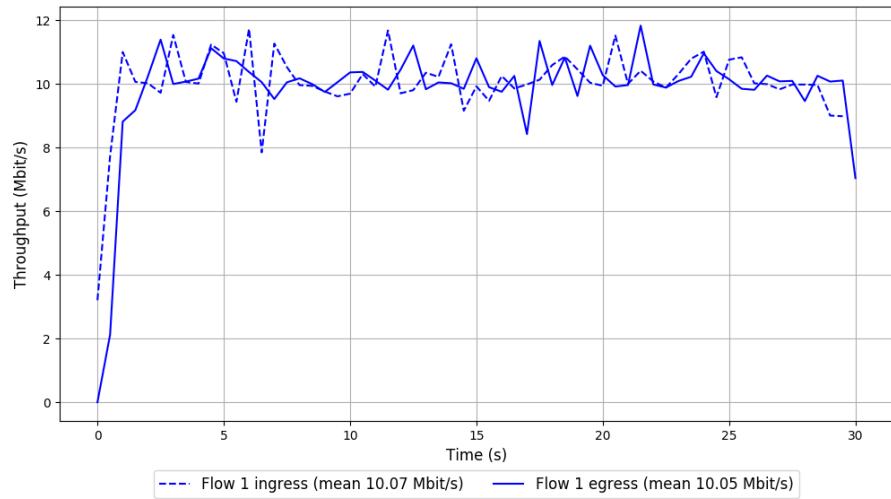


Run 5: Statistics of Sprout

```
Start at: 2018-07-18 02:45:09
End at: 2018-07-18 02:45:39
Local clock offset: 0.863 ms
Remote clock offset: 1.188 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 39.070 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 39.070 ms
Loss rate: 0.45%
```

Run 5: Report of Sprout — Data Link

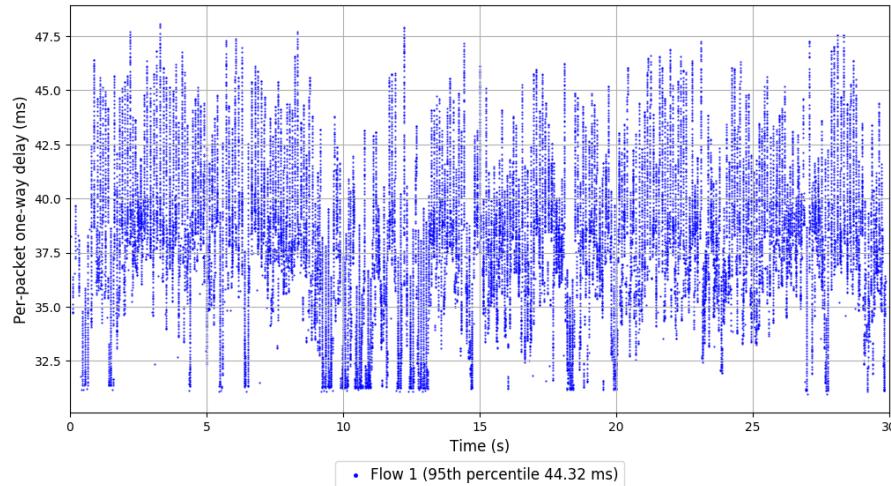
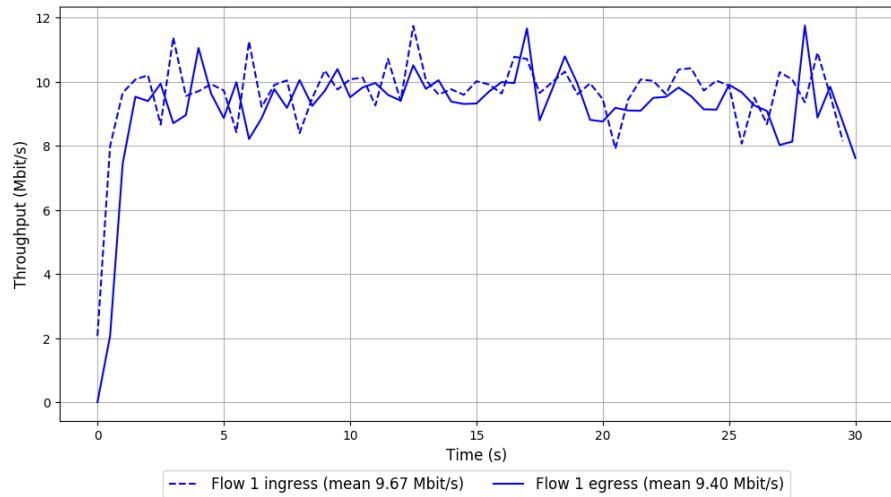


Run 6: Statistics of Sprout

```
Start at: 2018-07-18 03:09:34
End at: 2018-07-18 03:10:05
Local clock offset: 1.342 ms
Remote clock offset: 0.844 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 44.317 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 44.317 ms
Loss rate: 3.01%
```

Run 6: Report of Sprout — Data Link

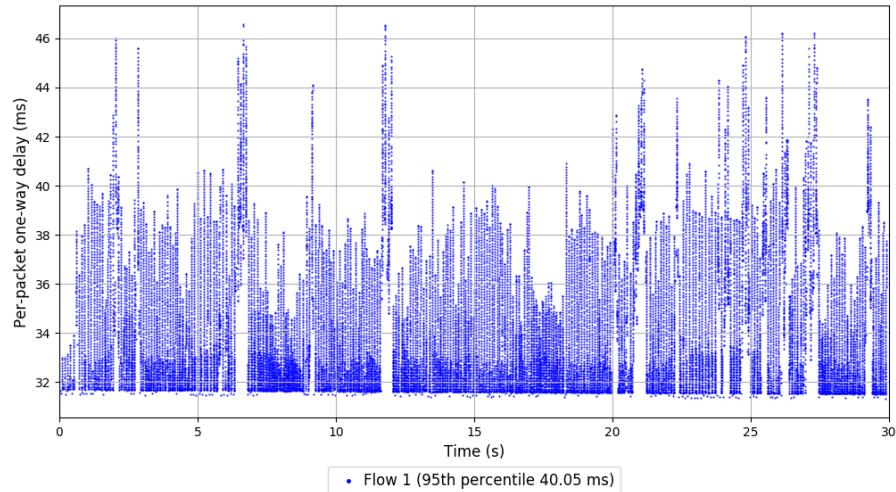
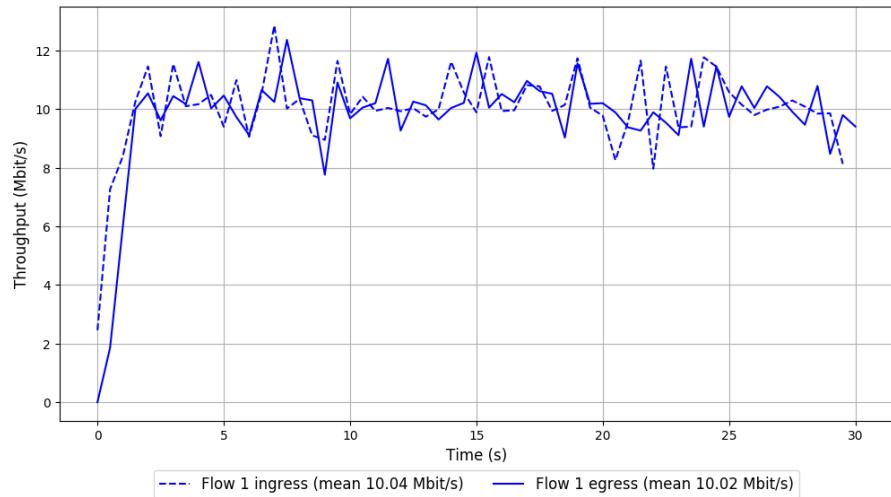


Run 7: Statistics of Sprout

```
Start at: 2018-07-18 03:36:16
End at: 2018-07-18 03:36:46
Local clock offset: 11.36 ms
Remote clock offset: -5.162 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 40.046 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 40.046 ms
Loss rate: 0.38%
```

Run 7: Report of Sprout — Data Link

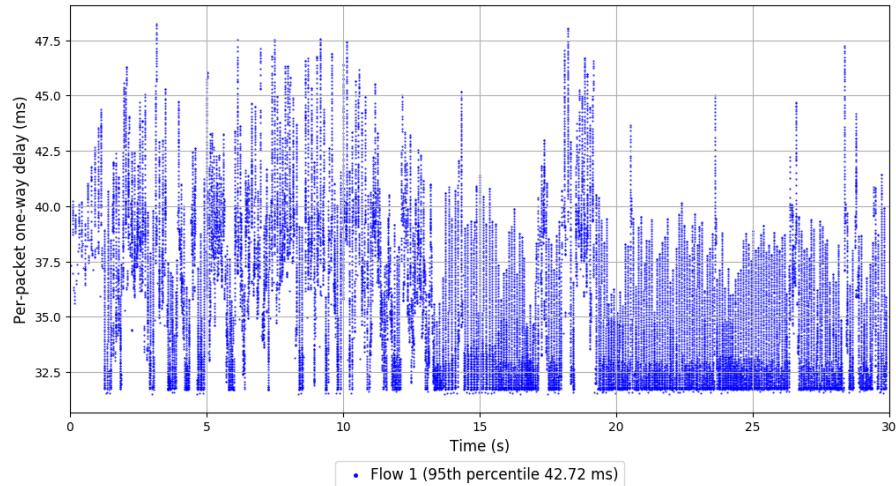
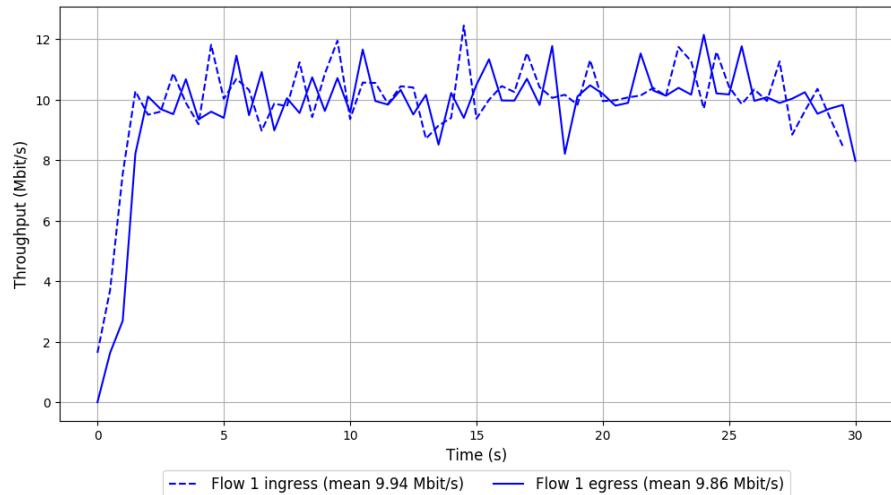


Run 8: Statistics of Sprout

```
Start at: 2018-07-18 04:00:11
End at: 2018-07-18 04:00:41
Local clock offset: 12.174 ms
Remote clock offset: 1.067 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 42.722 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 42.722 ms
Loss rate: 1.10%
```

Run 8: Report of Sprout — Data Link

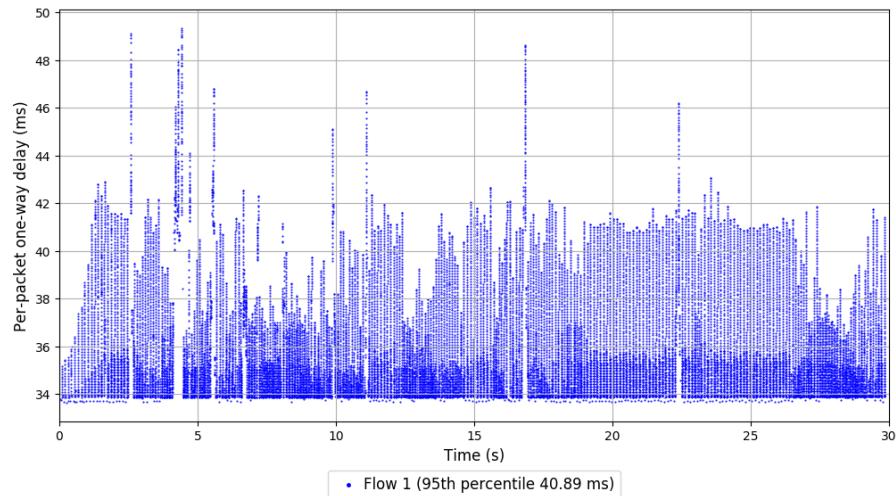
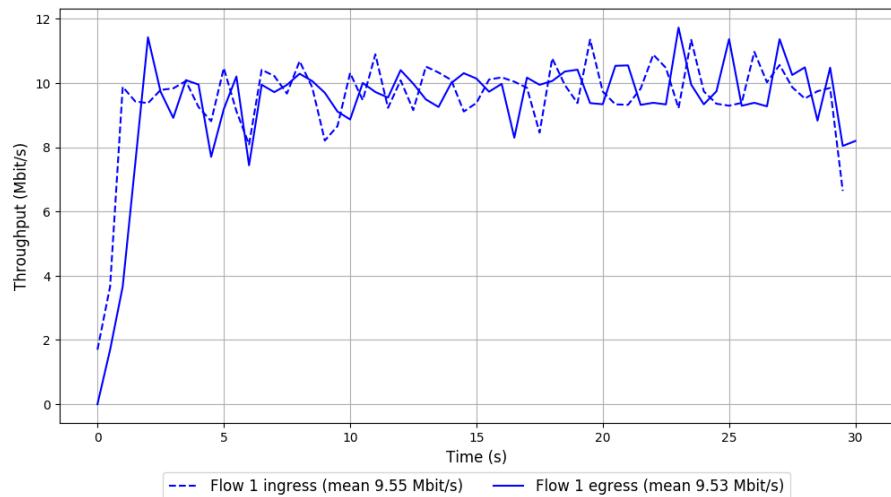


Run 9: Statistics of Sprout

```
Start at: 2018-07-18 04:26:35
End at: 2018-07-18 04:27:05
Local clock offset: 11.505 ms
Remote clock offset: -0.504 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 40.892 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 40.892 ms
Loss rate: 0.42%
```

Run 9: Report of Sprout — Data Link

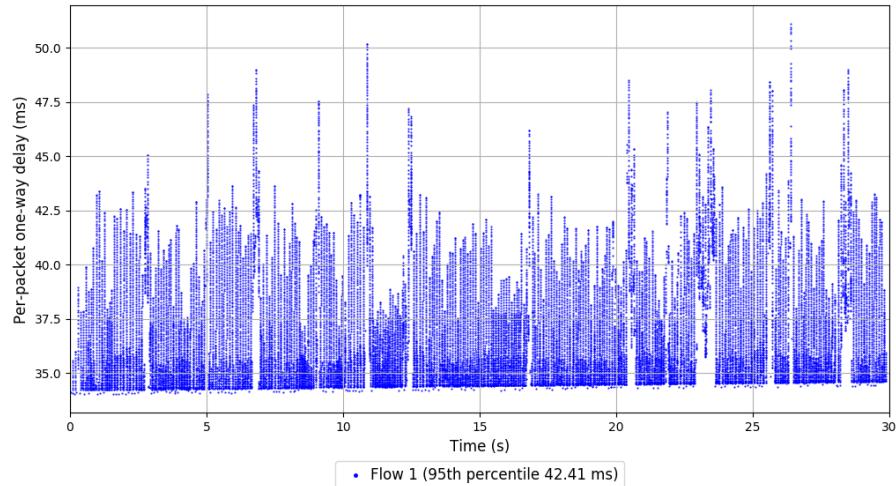
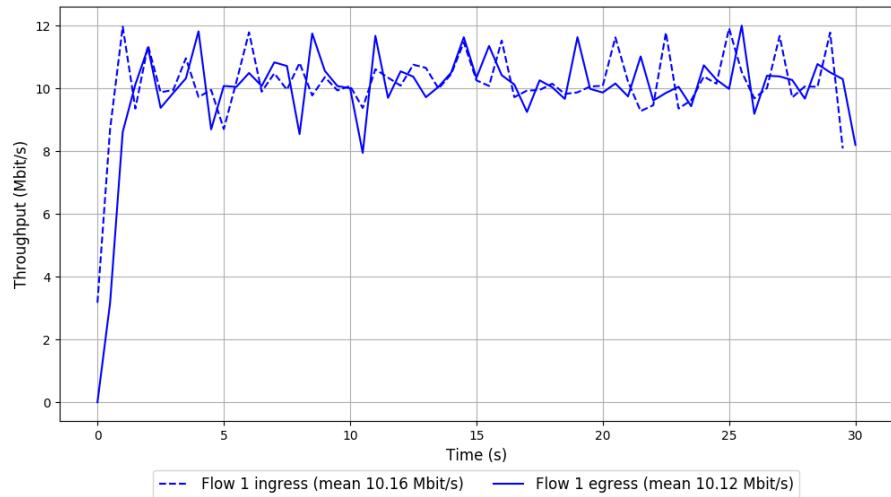


Run 10: Statistics of Sprout

```
Start at: 2018-07-18 04:50:20
End at: 2018-07-18 04:50:51
Local clock offset: 7.869 ms
Remote clock offset: -0.497 ms

# Below is generated by plot.py at 2018-07-18 05:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 42.415 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 42.415 ms
Loss rate: 0.58%
```

Run 10: Report of Sprout — Data Link

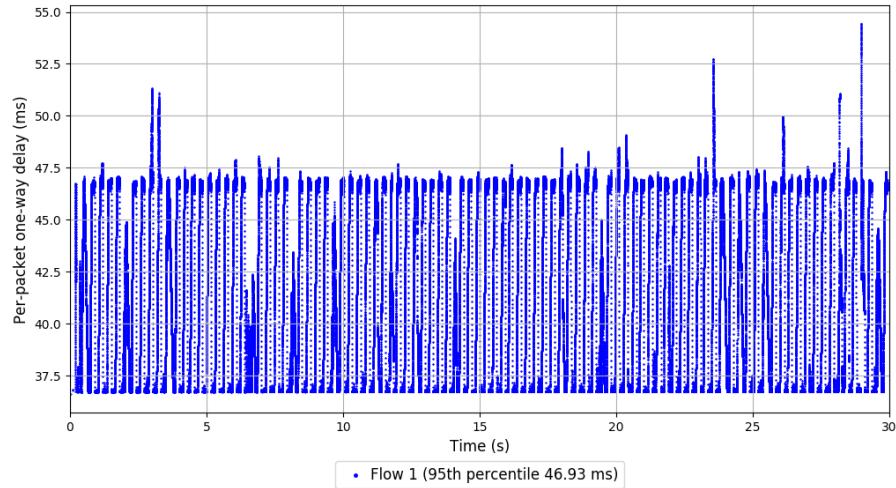
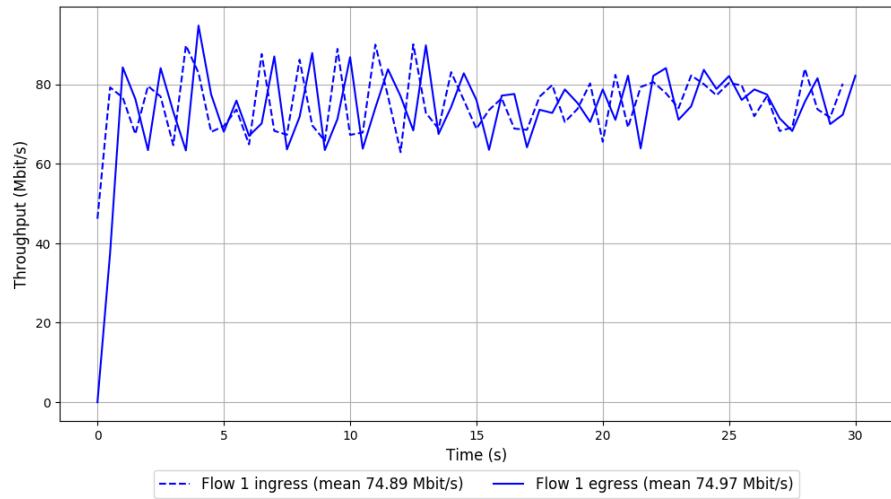


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-18 01:22:55
End at: 2018-07-18 01:23:25
Local clock offset: 0.46 ms
Remote clock offset: -0.448 ms

# Below is generated by plot.py at 2018-07-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 46.926 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 46.926 ms
Loss rate: 0.15%
```

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

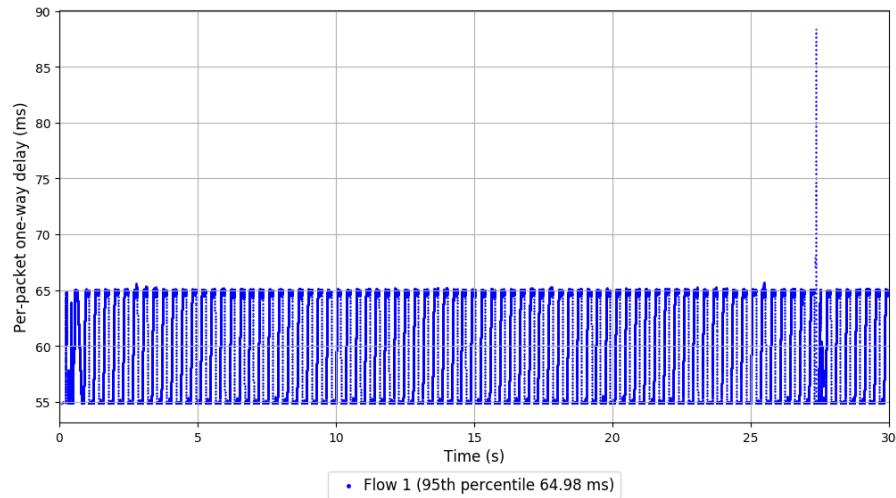
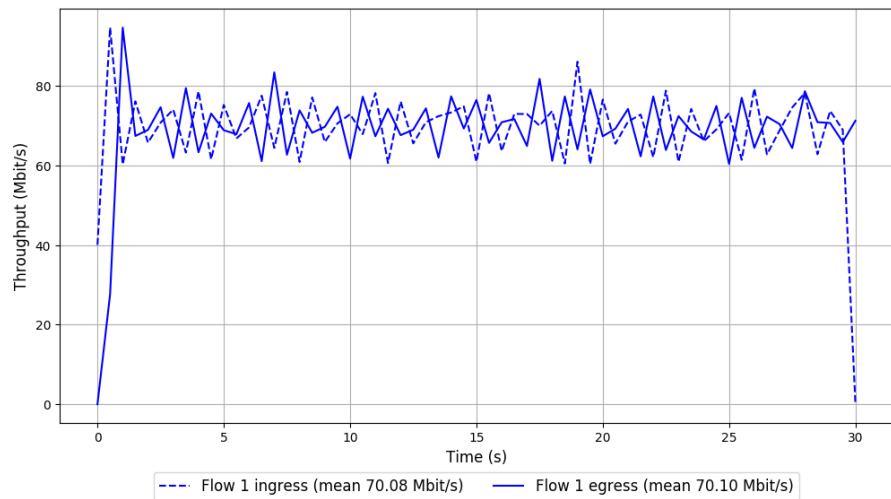


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-18 01:45:11
End at: 2018-07-18 01:45:41
Local clock offset: 0.472 ms
Remote clock offset: -5.458 ms

# Below is generated by plot.py at 2018-07-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.10 Mbit/s
95th percentile per-packet one-way delay: 64.978 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 70.10 Mbit/s
95th percentile per-packet one-way delay: 64.978 ms
Loss rate: 0.27%
```

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

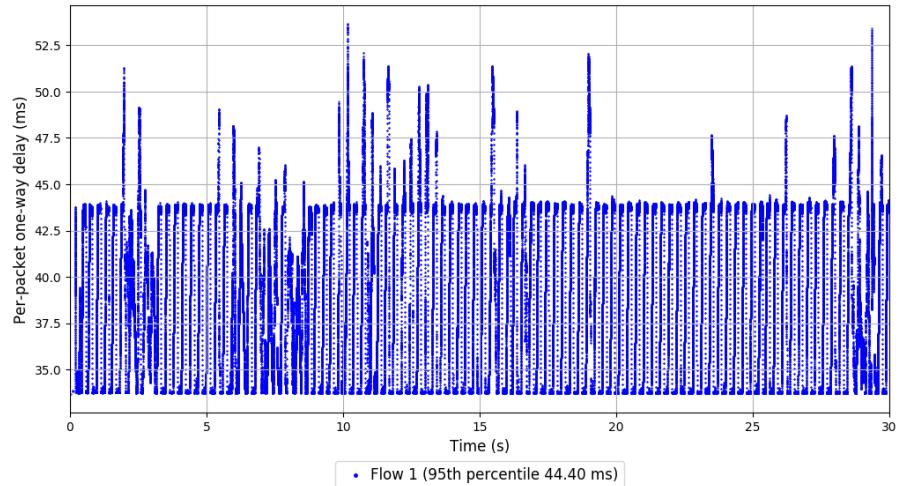
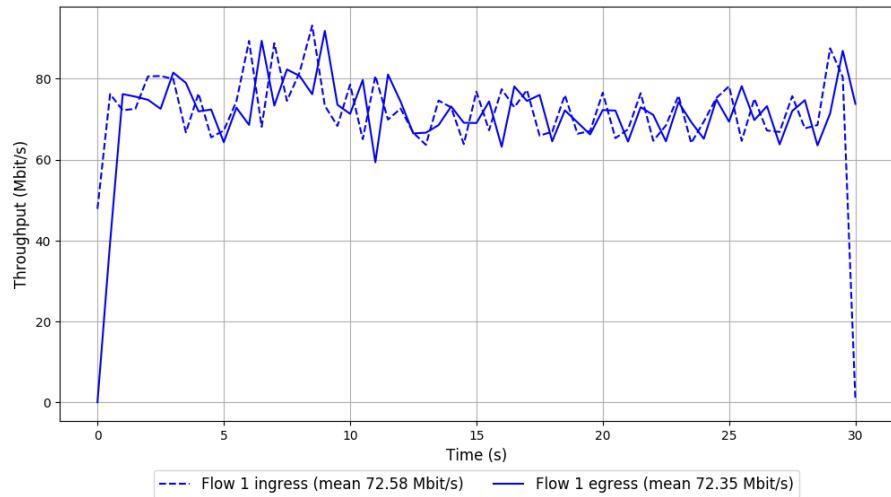


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-18 02:07:51
End at: 2018-07-18 02:08:21
Local clock offset: 0.844 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at 2018-07-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.35 Mbit/s
95th percentile per-packet one-way delay: 44.403 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 72.35 Mbit/s
95th percentile per-packet one-way delay: 44.403 ms
Loss rate: 0.56%
```

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

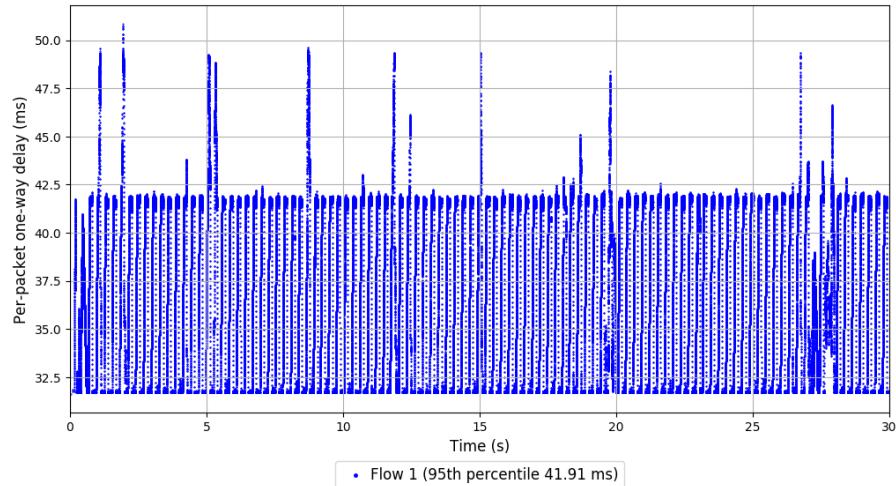
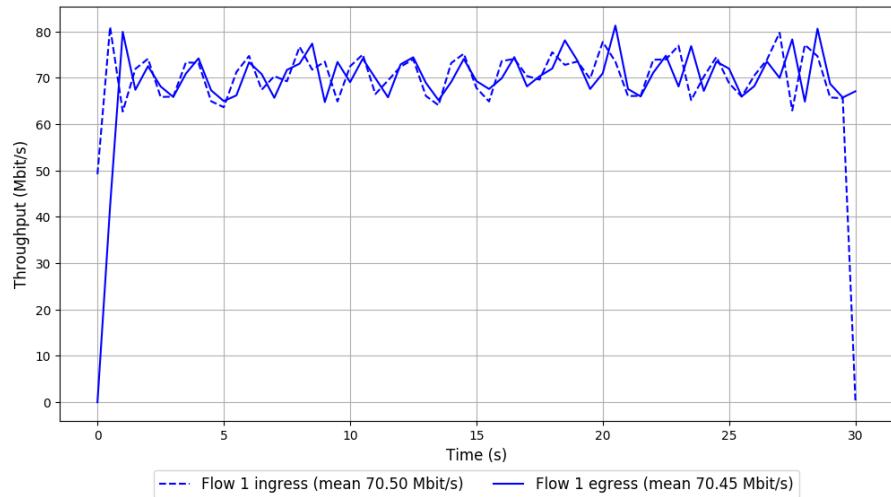


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-18 02:31:18
End at: 2018-07-18 02:31:48
Local clock offset: 0.902 ms
Remote clock offset: 2.09 ms

# Below is generated by plot.py at 2018-07-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 41.913 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 41.913 ms
Loss rate: 0.30%
```

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

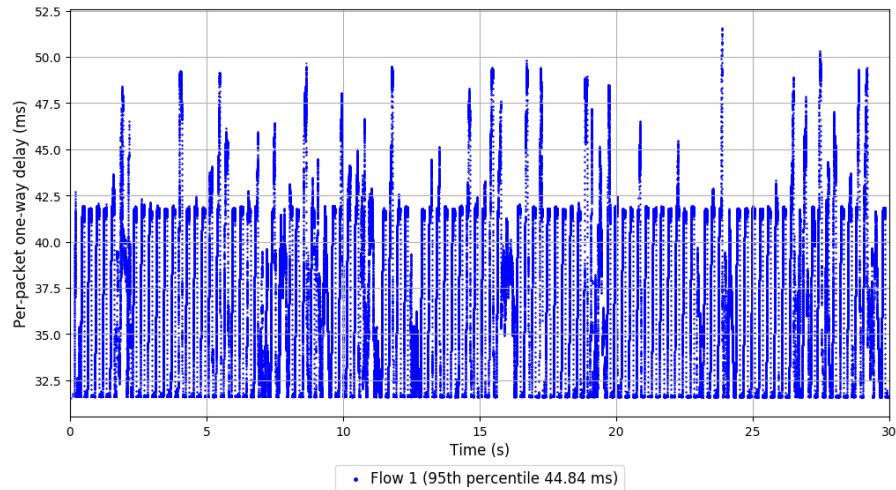
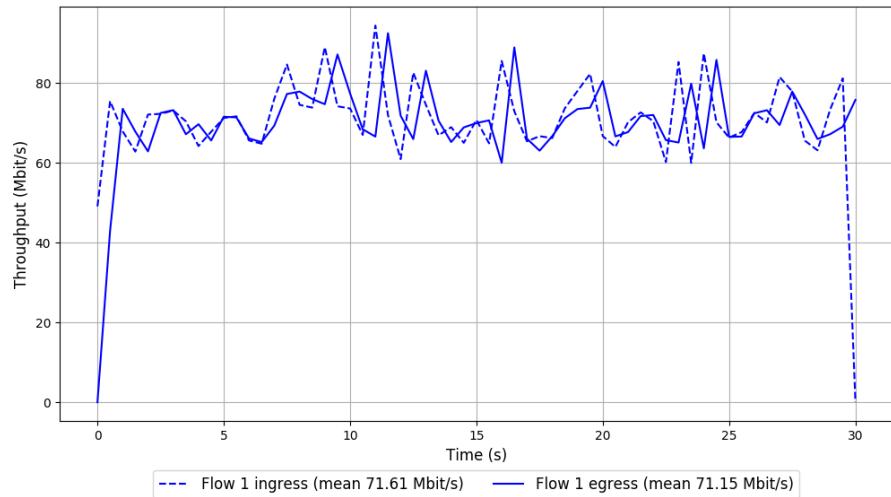


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-18 02:54:52
End at: 2018-07-18 02:55:22
Local clock offset: 1.027 ms
Remote clock offset: 1.897 ms

# Below is generated by plot.py at 2018-07-18 05:25:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 44.836 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 44.836 ms
Loss rate: 0.89%
```

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

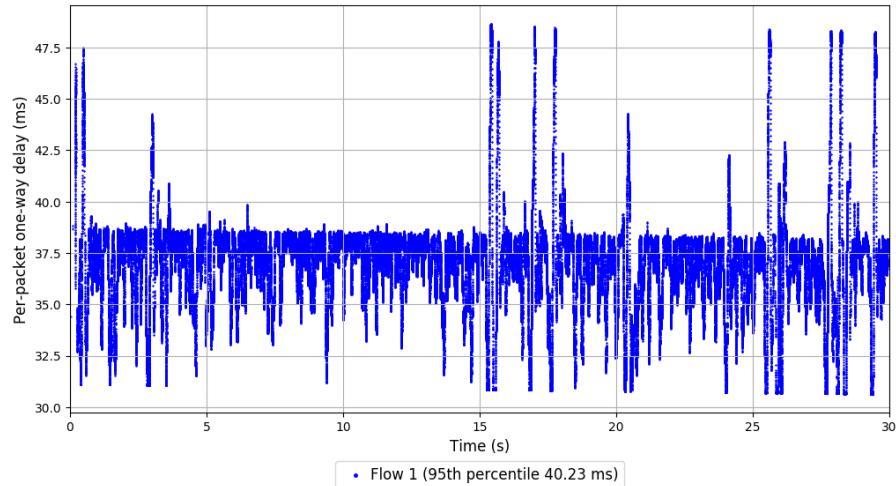
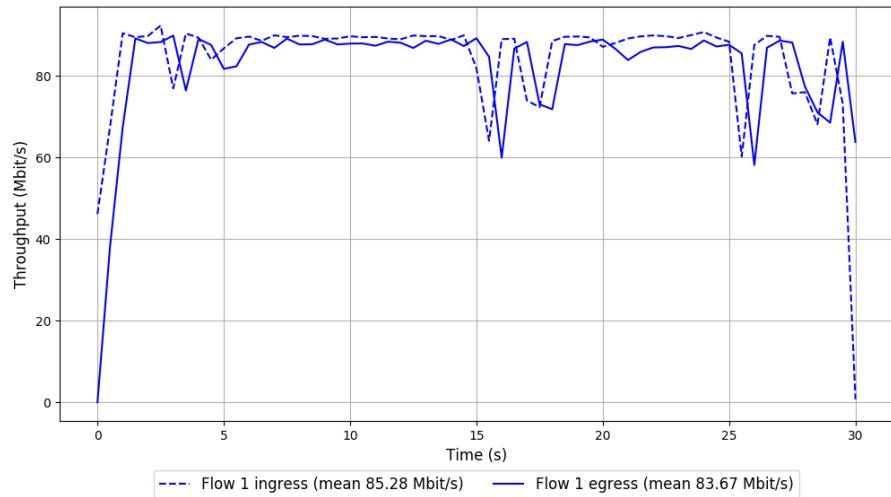


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-18 03:20:25
End at: 2018-07-18 03:20:55
Local clock offset: 4.15 ms
Remote clock offset: -2.817 ms

# Below is generated by plot.py at 2018-07-18 05:25:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 40.226 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 40.226 ms
Loss rate: 2.15%
```

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

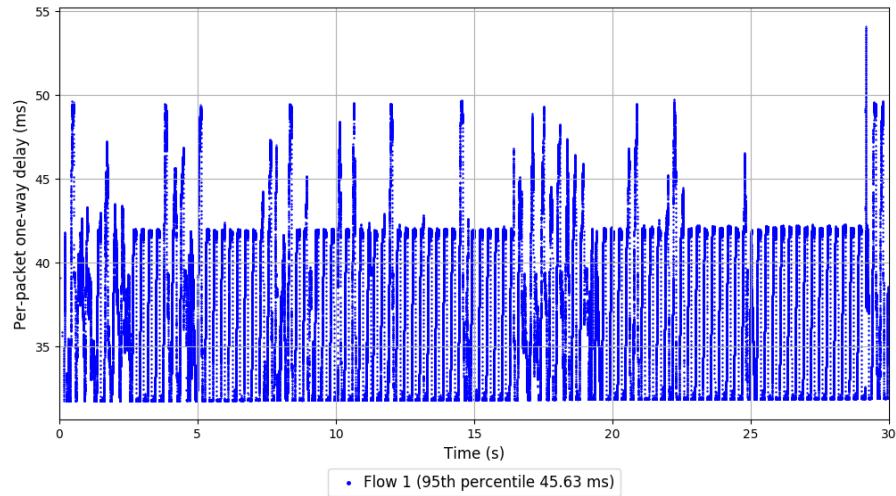
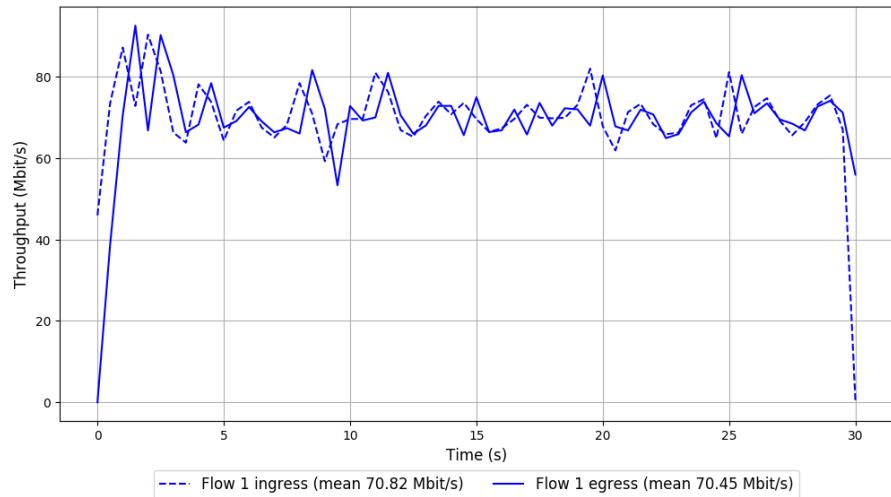


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-18 03:46:14
End at: 2018-07-18 03:46:44
Local clock offset: 13.284 ms
Remote clock offset: -2.247 ms

# Below is generated by plot.py at 2018-07-18 05:25:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 45.632 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 45.632 ms
Loss rate: 0.78%
```

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

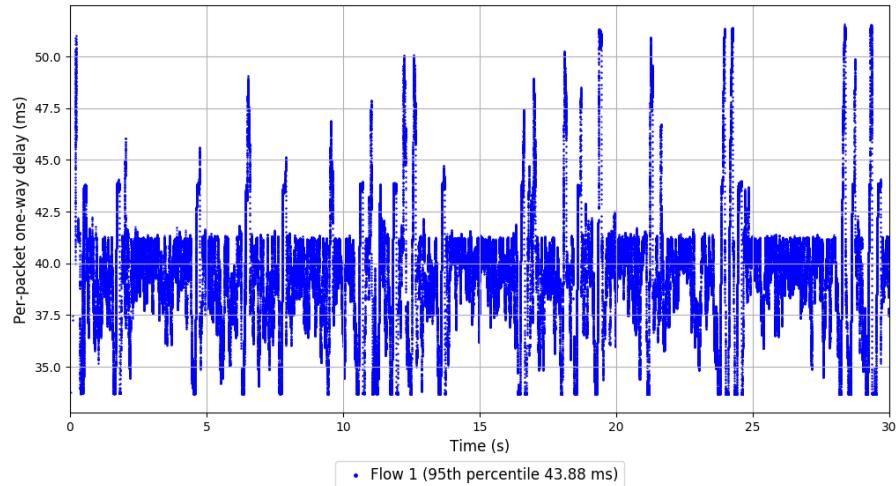
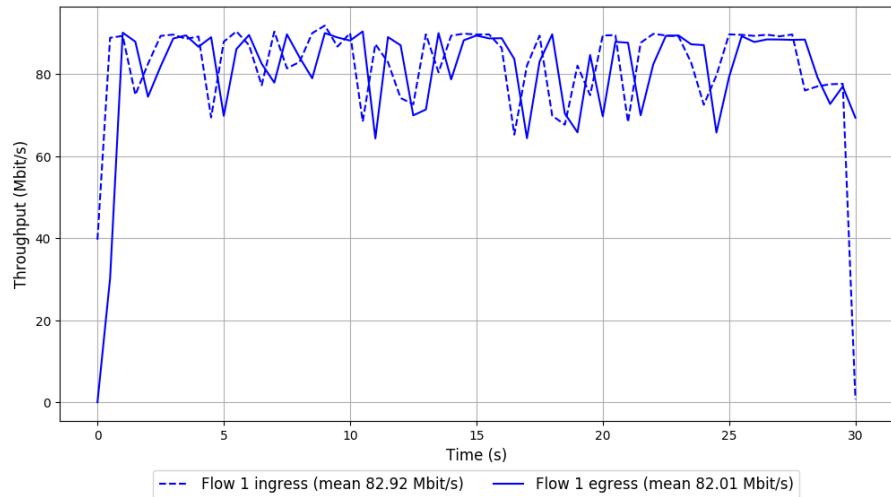


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-18 04:11:38
End at: 2018-07-18 04:12:08
Local clock offset: 12.84 ms
Remote clock offset: -0.192 ms

# Below is generated by plot.py at 2018-07-18 05:25:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 43.881 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 43.881 ms
Loss rate: 1.34%
```

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

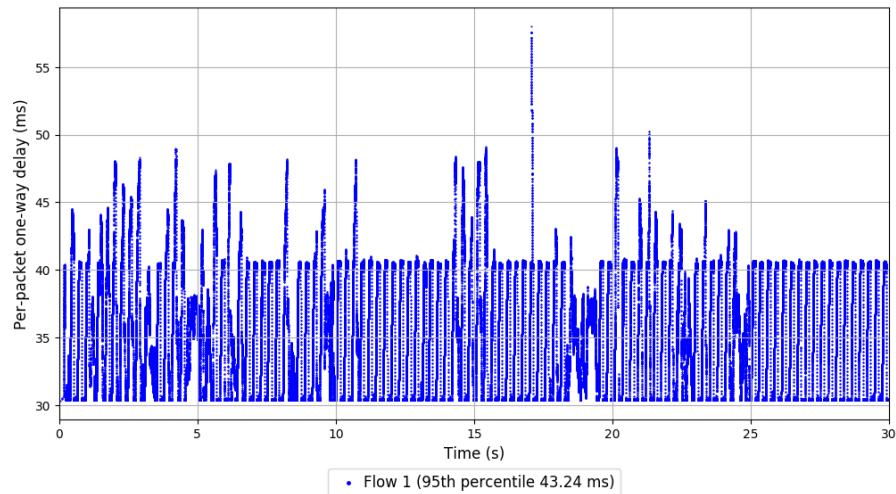
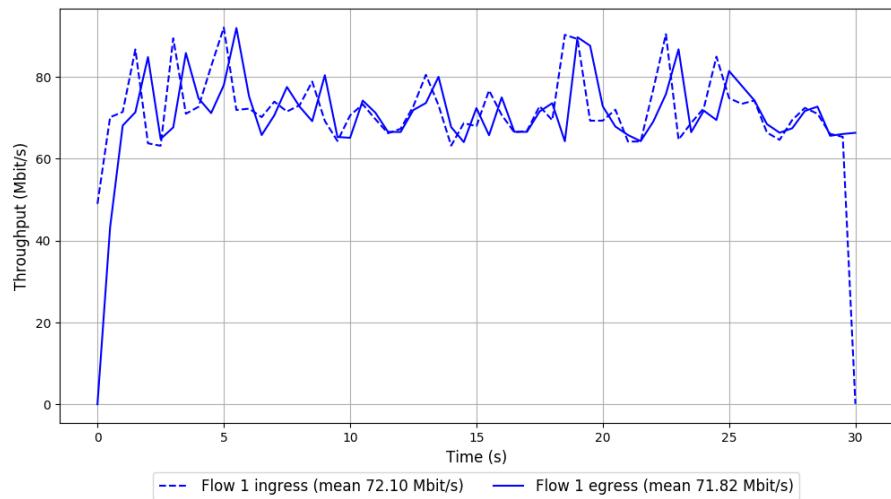


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-18 04:36:15
End at: 2018-07-18 04:36:45
Local clock offset: 11.185 ms
Remote clock offset: 2.764 ms

# Below is generated by plot.py at 2018-07-18 05:26:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.82 Mbit/s
95th percentile per-packet one-way delay: 43.239 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 71.82 Mbit/s
95th percentile per-packet one-way delay: 43.239 ms
Loss rate: 0.63%
```

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

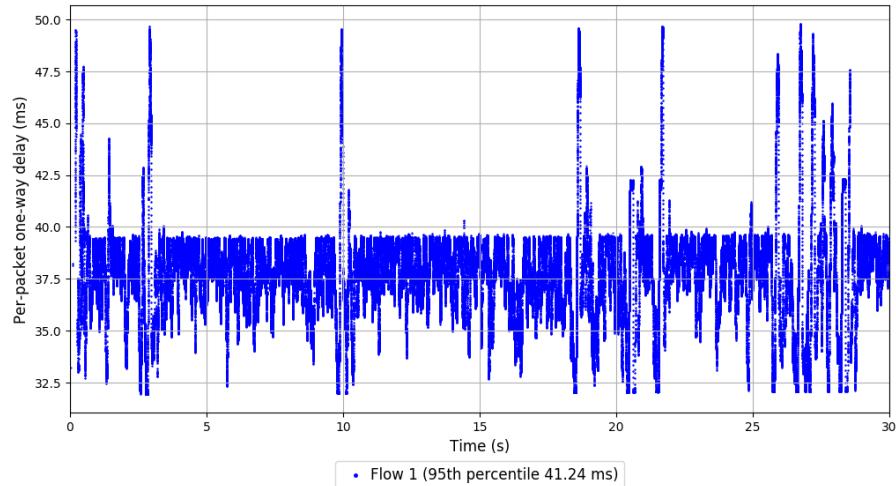
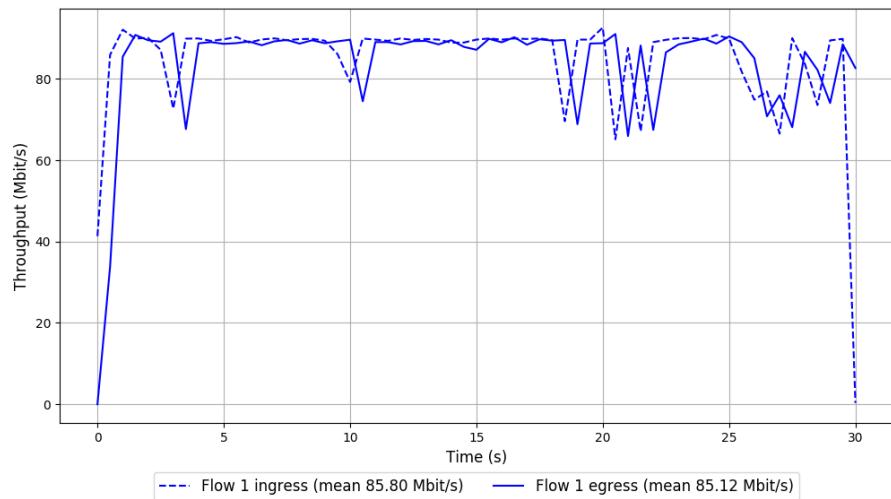


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-18 04:59:56
End at: 2018-07-18 05:00:26
Local clock offset: 1.813 ms
Remote clock offset: 1.114 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 41.245 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 41.245 ms
Loss rate: 1.04%
```

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

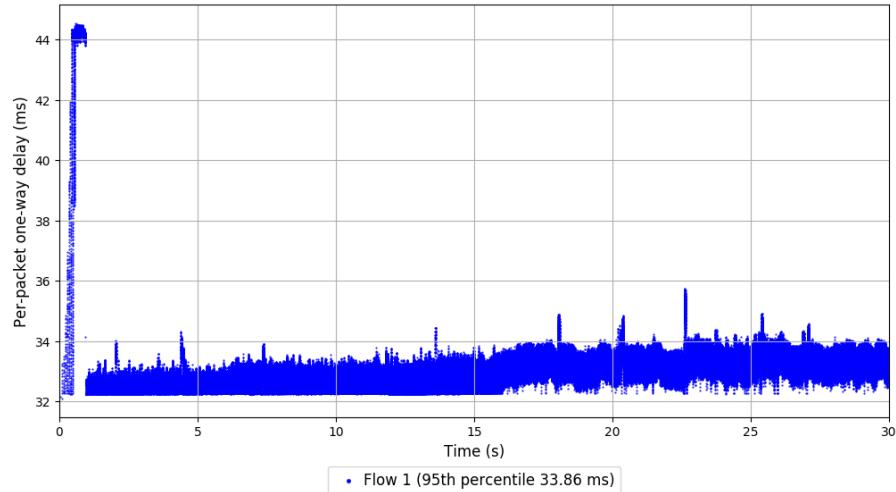
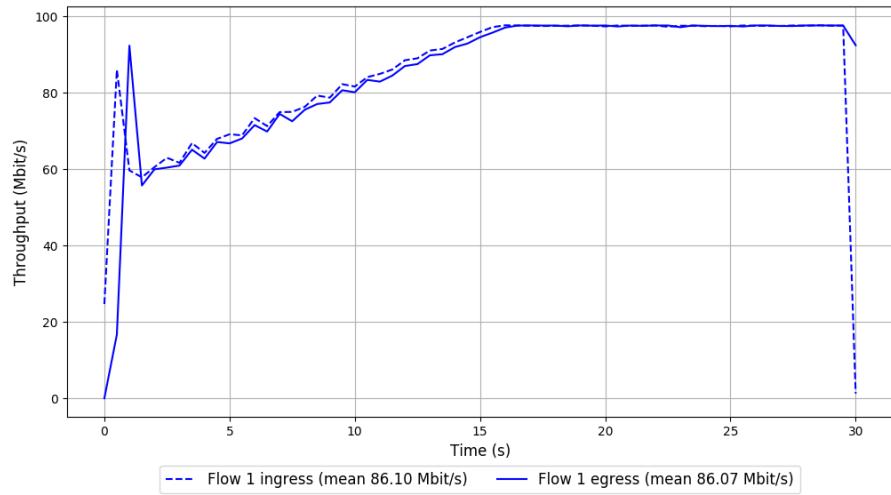


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-18 01:20:17
End at: 2018-07-18 01:20:47
Local clock offset: 0.58 ms
Remote clock offset: -5.925 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 33.860 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 33.860 ms
Loss rate: 0.25%
```

Run 1: Report of TCP Vegas — Data Link

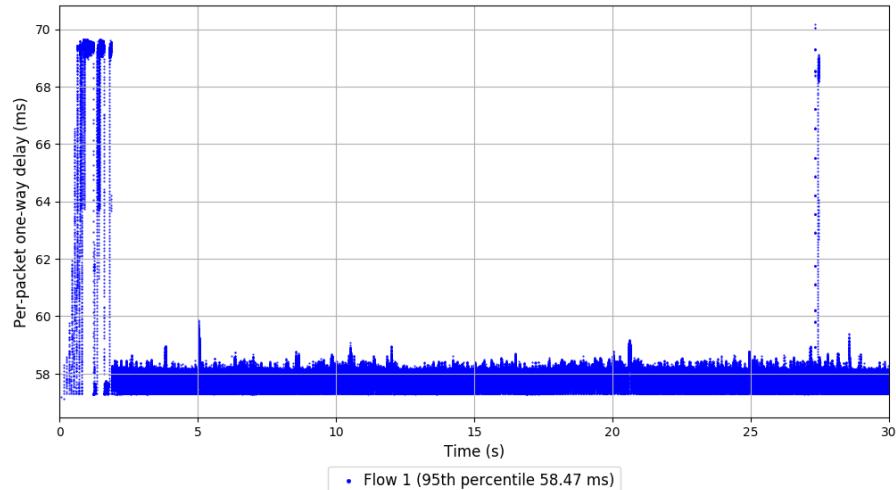
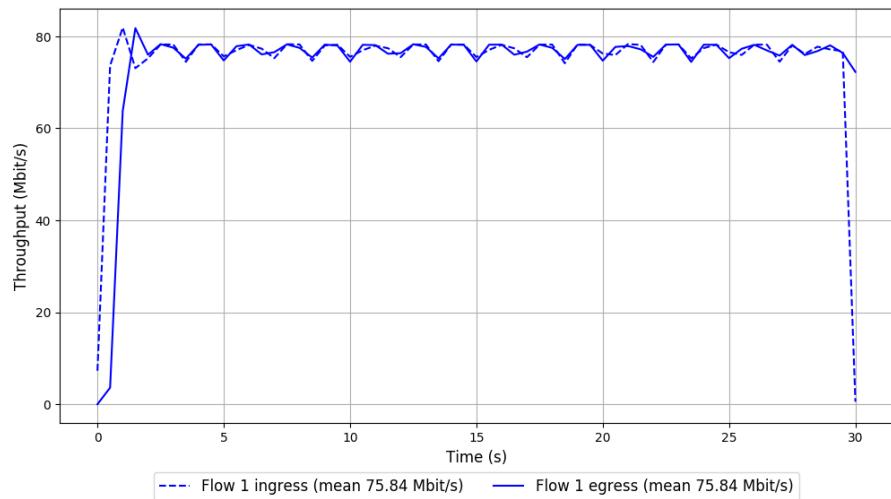


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-18 01:42:32
End at: 2018-07-18 01:43:02
Local clock offset: 0.497 ms
Remote clock offset: -2.962 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.84 Mbit/s
95th percentile per-packet one-way delay: 58.474 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 75.84 Mbit/s
95th percentile per-packet one-way delay: 58.474 ms
Loss rate: 0.32%
```

Run 2: Report of TCP Vegas — Data Link

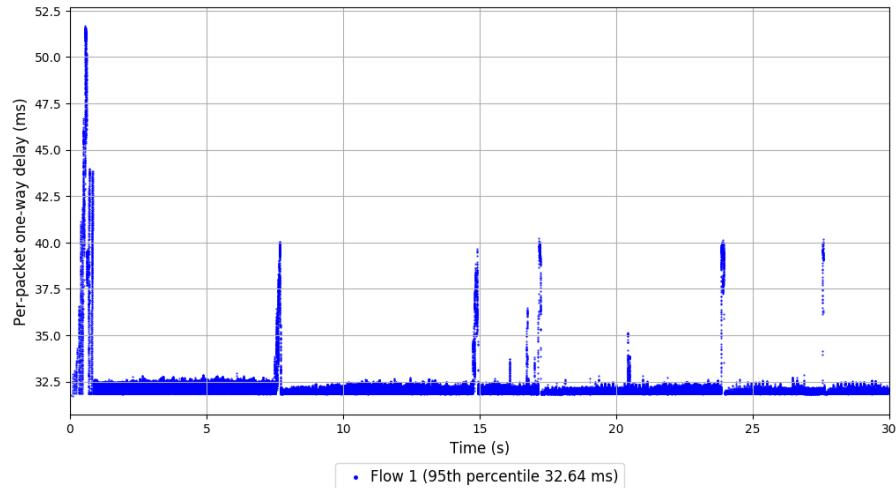
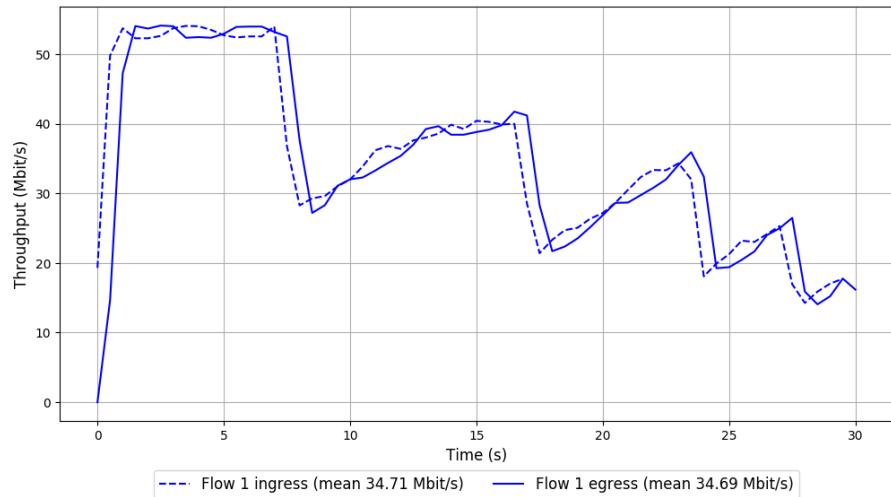


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-18 02:05:09
End at: 2018-07-18 02:05:39
Local clock offset: 0.838 ms
Remote clock offset: 1.893 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 32.643 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 32.643 ms
Loss rate: 0.27%
```

Run 3: Report of TCP Vegas — Data Link

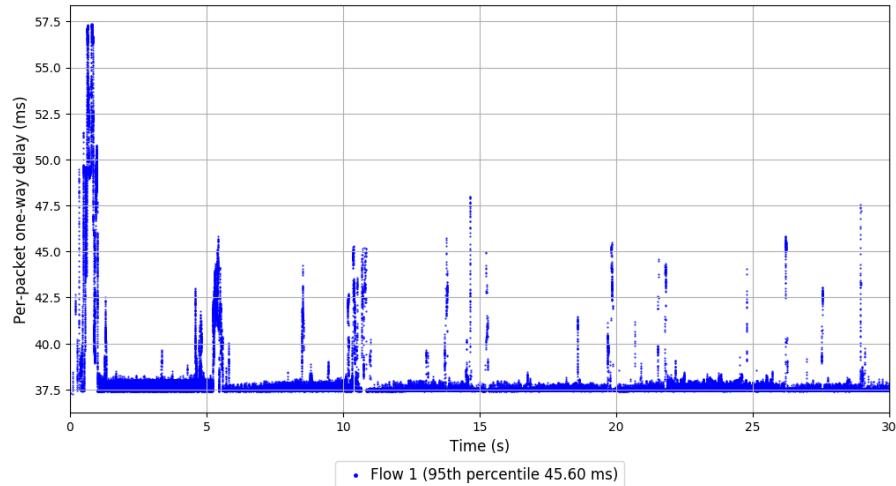
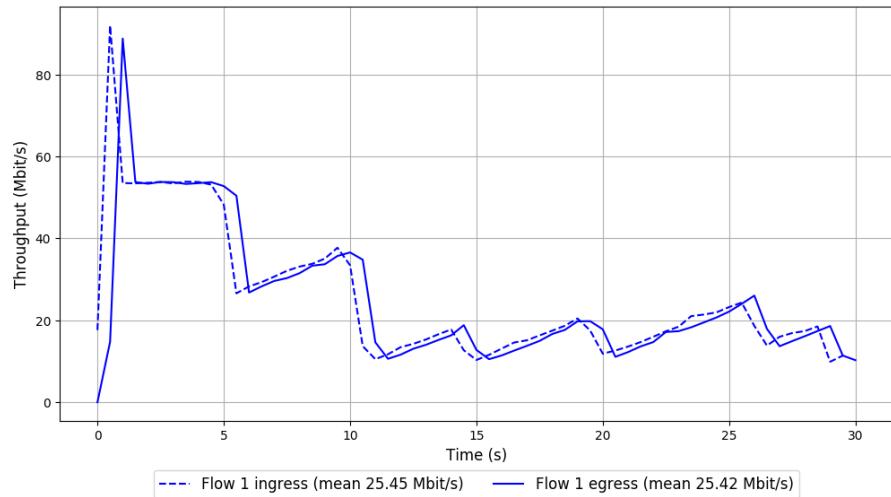


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-18 02:28:31
End at: 2018-07-18 02:29:01
Local clock offset: 0.88 ms
Remote clock offset: -3.658 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 45.598 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 45.598 ms
Loss rate: 0.32%
```

Run 4: Report of TCP Vegas — Data Link

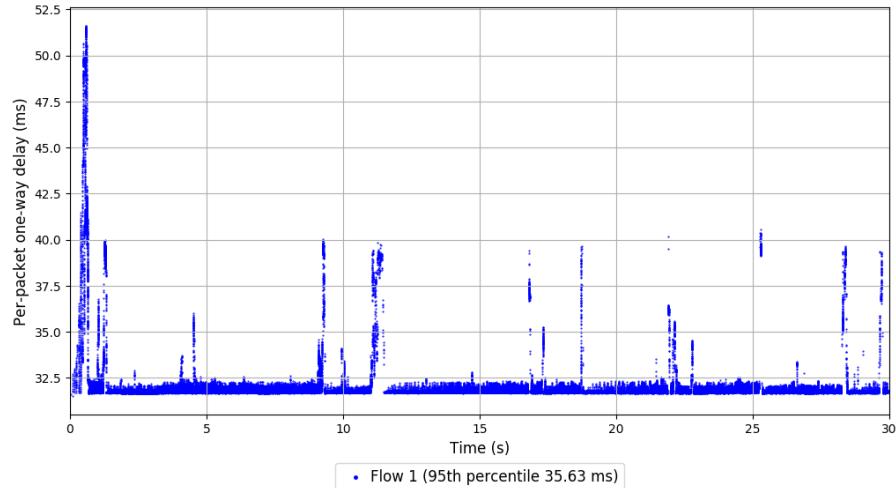
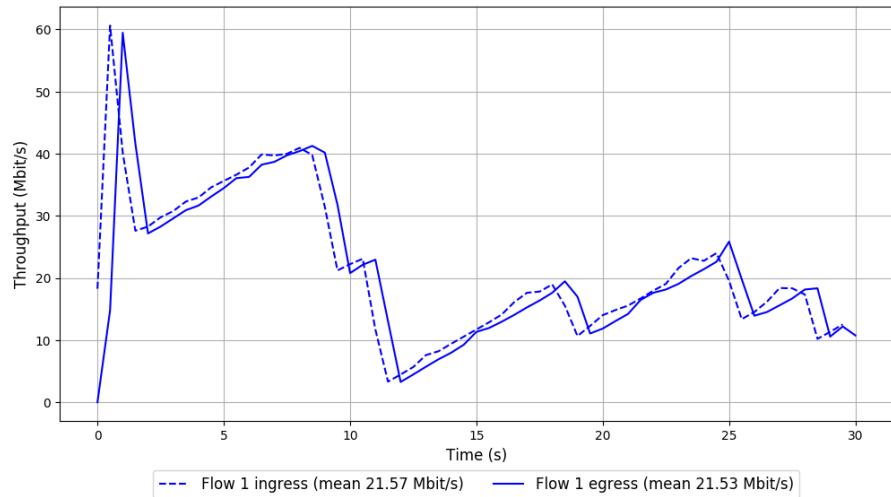


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-18 02:52:00
End at: 2018-07-18 02:52:30
Local clock offset: 0.95 ms
Remote clock offset: 1.872 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 35.628 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 35.628 ms
Loss rate: 0.40%
```

Run 5: Report of TCP Vegas — Data Link

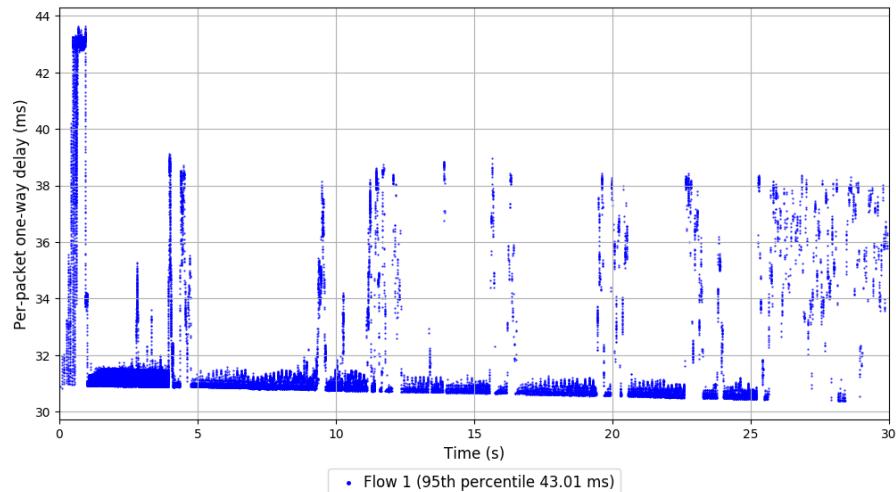
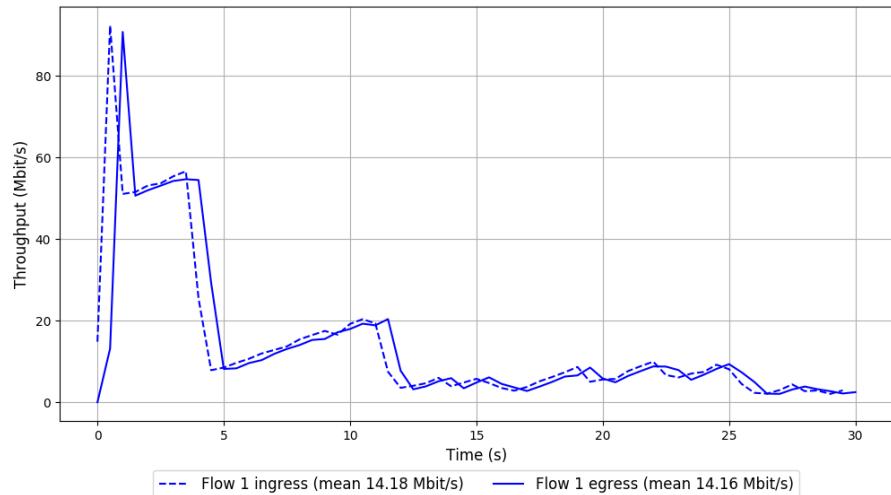


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-18 03:17:28
End at: 2018-07-18 03:17:58
Local clock offset: 1.299 ms
Remote clock offset: -2.255 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 43.014 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 43.014 ms
Loss rate: 0.36%
```

Run 6: Report of TCP Vegas — Data Link

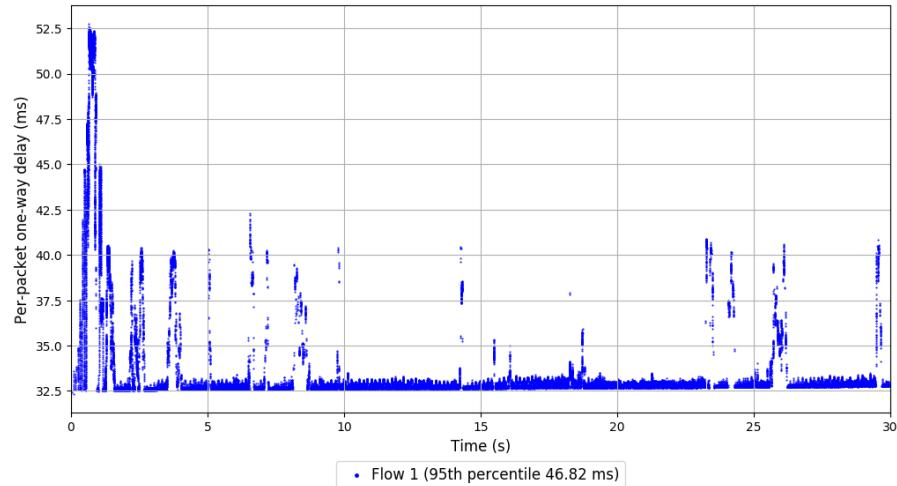
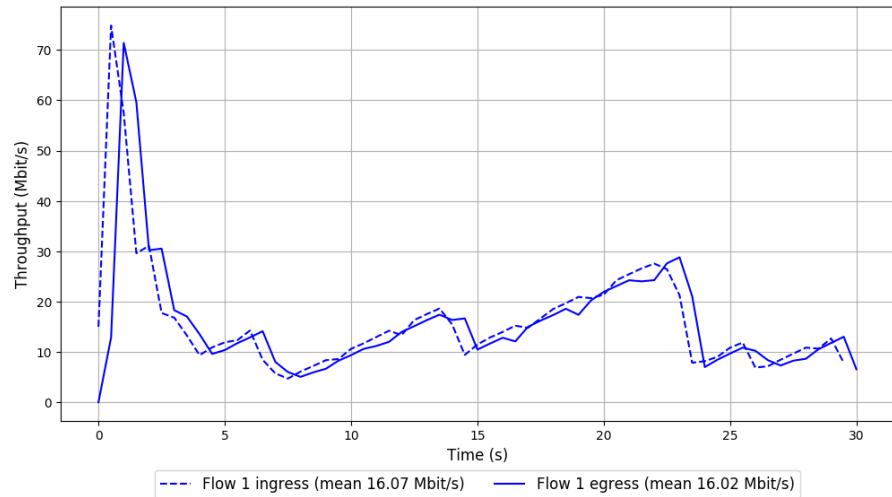


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-18 03:43:31
End at: 2018-07-18 03:44:01
Local clock offset: 12.838 ms
Remote clock offset: -4.504 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.51%
```

Run 7: Report of TCP Vegas — Data Link

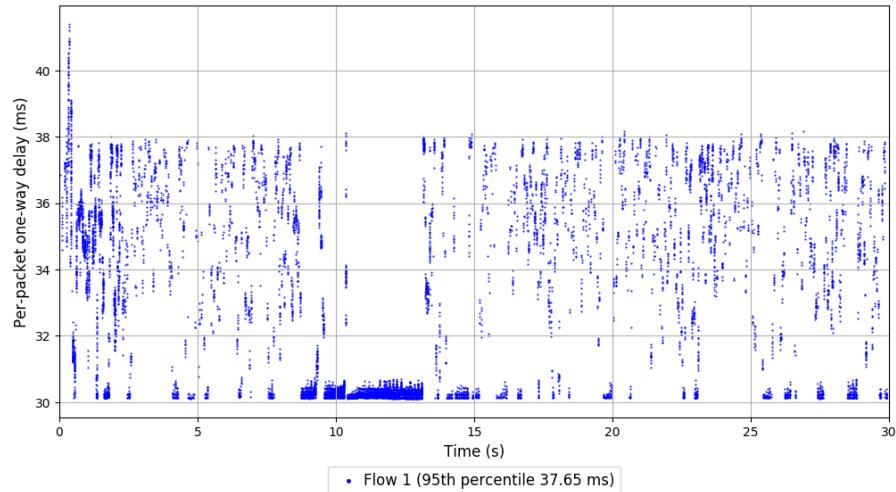
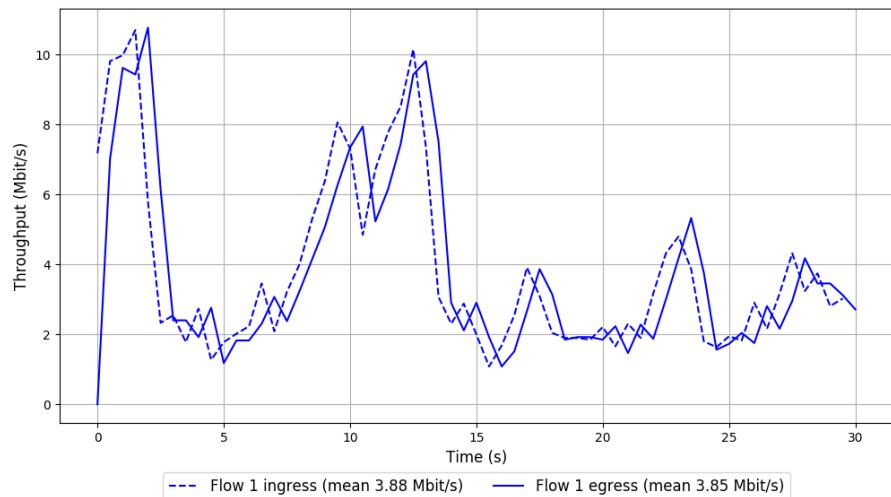


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-18 04:08:37
End at: 2018-07-18 04:09:07
Local clock offset: 12.634 ms
Remote clock offset: 3.388 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 37.654 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 37.654 ms
Loss rate: 0.89%
```

Run 8: Report of TCP Vegas — Data Link

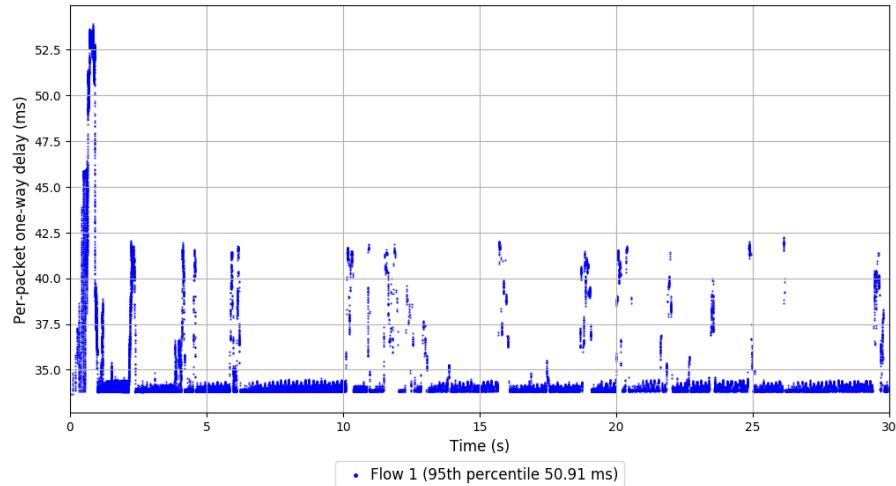
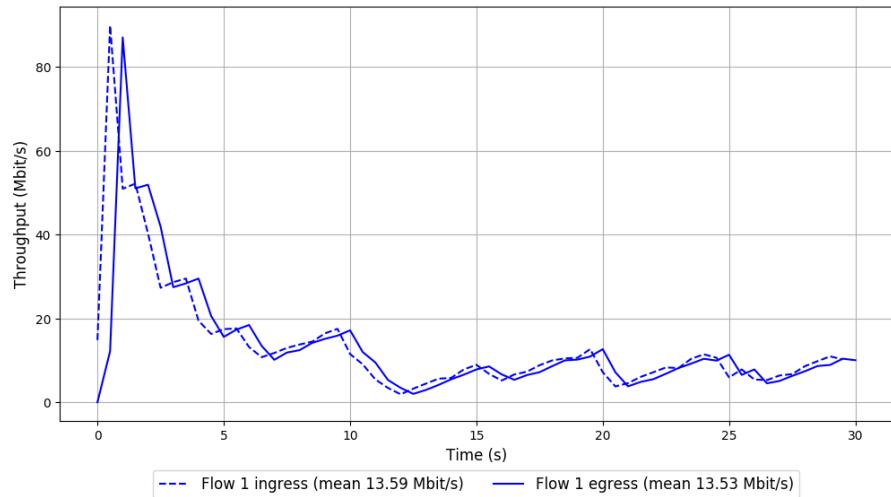


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-18 04:33:32
End at: 2018-07-18 04:34:02
Local clock offset: 11.204 ms
Remote clock offset: -0.49 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 50.912 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 50.912 ms
Loss rate: 0.69%
```

Run 9: Report of TCP Vegas — Data Link

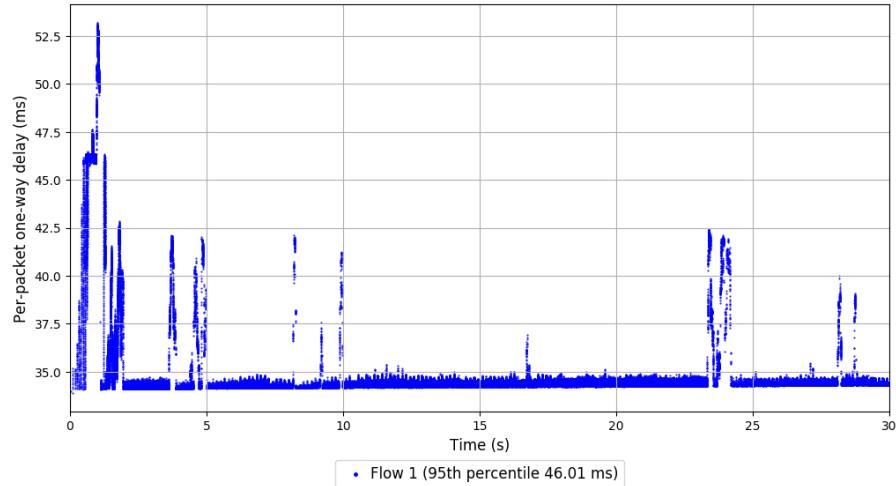
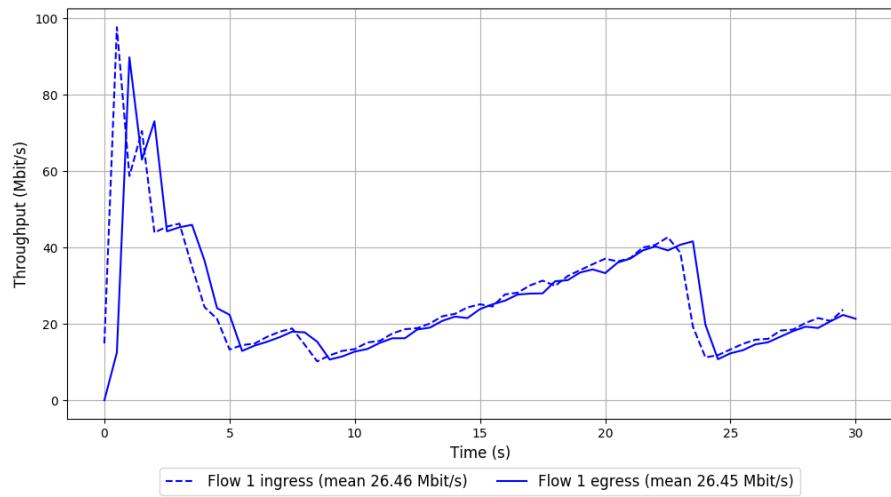


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-18 04:57:17
End at: 2018-07-18 04:57:47
Local clock offset: 3.04 ms
Remote clock offset: -0.844 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 46.012 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 46.012 ms
Loss rate: 0.28%
```

Run 10: Report of TCP Vegas — Data Link

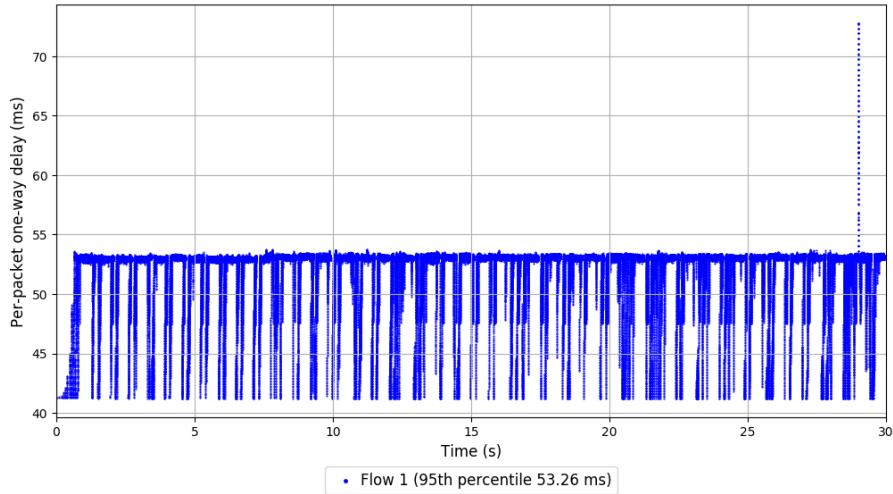
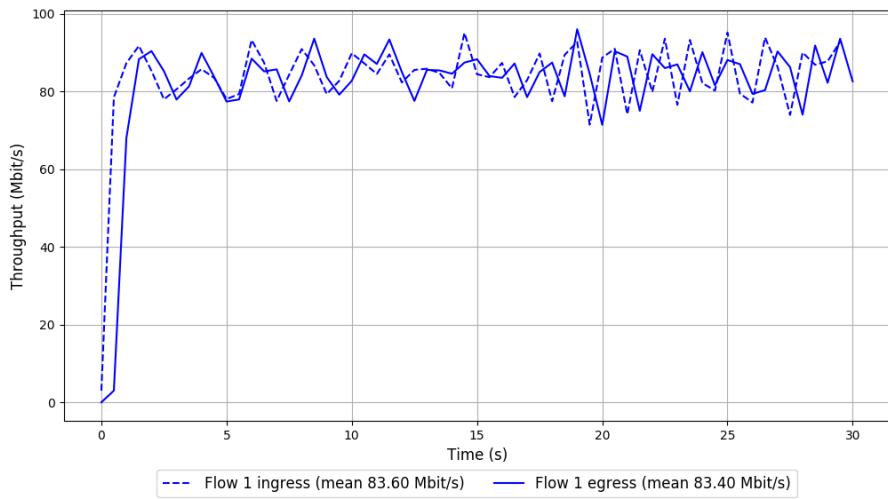


Run 1: Statistics of Verus

```
Start at: 2018-07-18 01:26:49
End at: 2018-07-18 01:27:19
Local clock offset: 0.458 ms
Remote clock offset: -5.121 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.40 Mbit/s
95th percentile per-packet one-way delay: 53.261 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 83.40 Mbit/s
95th percentile per-packet one-way delay: 53.261 ms
Loss rate: 0.51%
```

Run 1: Report of Verus — Data Link

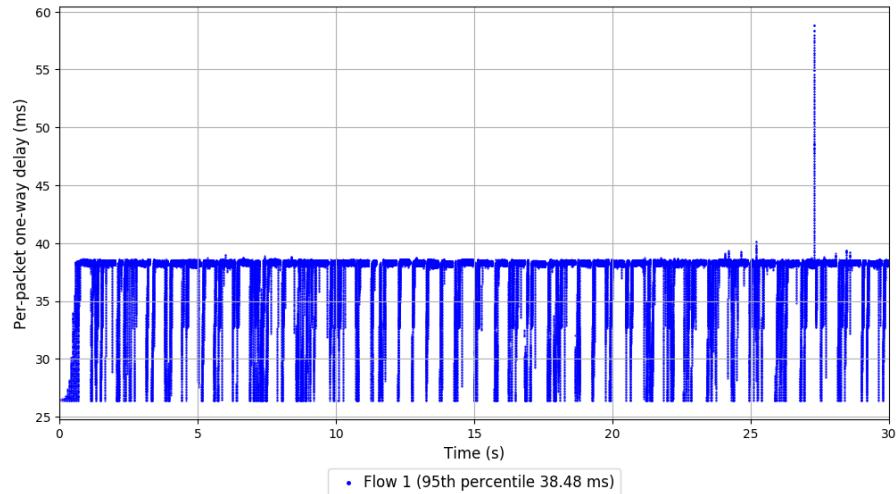
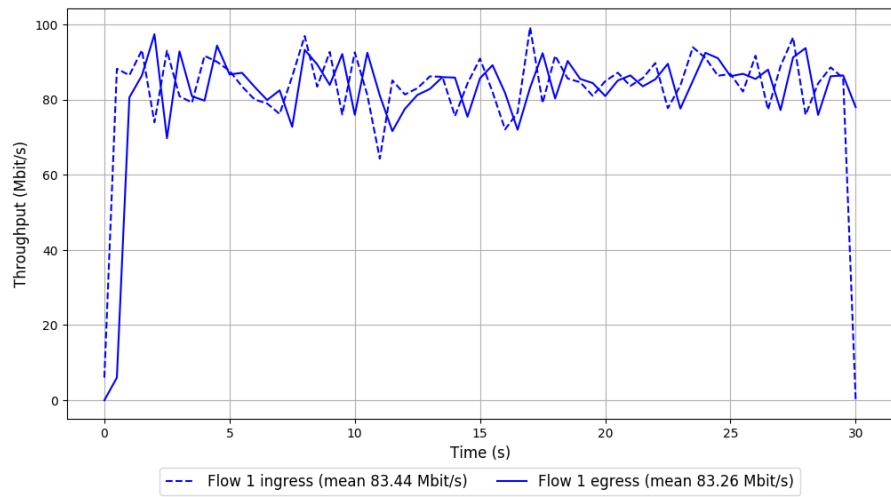


Run 2: Statistics of Verus

```
Start at: 2018-07-18 01:49:05
End at: 2018-07-18 01:49:35
Local clock offset: 0.532 ms
Remote clock offset: -0.414 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 38.476 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 38.476 ms
Loss rate: 0.46%
```

Run 2: Report of Verus — Data Link

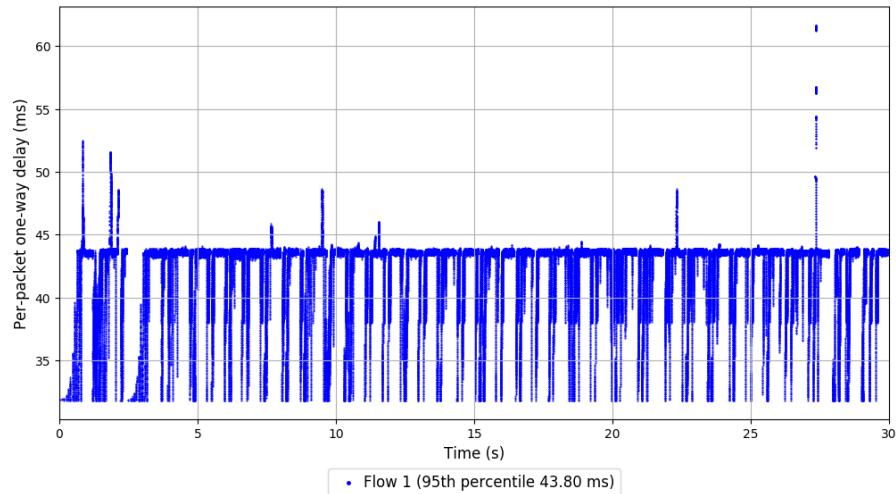
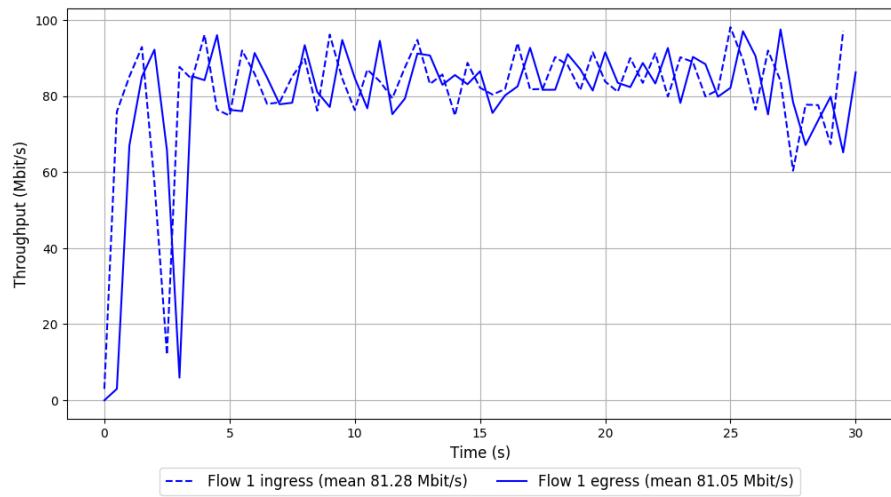


Run 3: Statistics of Verus

```
Start at: 2018-07-18 02:11:49
End at: 2018-07-18 02:12:19
Local clock offset: 0.83 ms
Remote clock offset: 1.819 ms

# Below is generated by plot.py at 2018-07-18 05:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.05 Mbit/s
95th percentile per-packet one-way delay: 43.803 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 81.05 Mbit/s
95th percentile per-packet one-way delay: 43.803 ms
Loss rate: 0.52%
```

Run 3: Report of Verus — Data Link

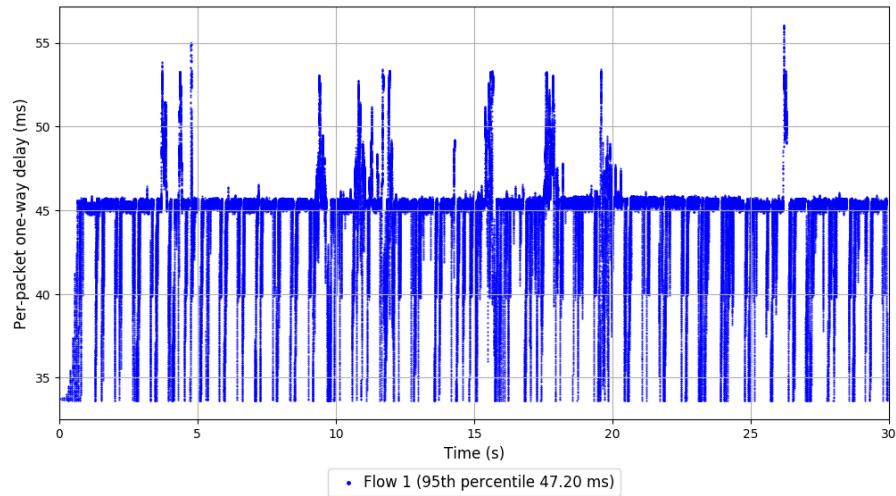
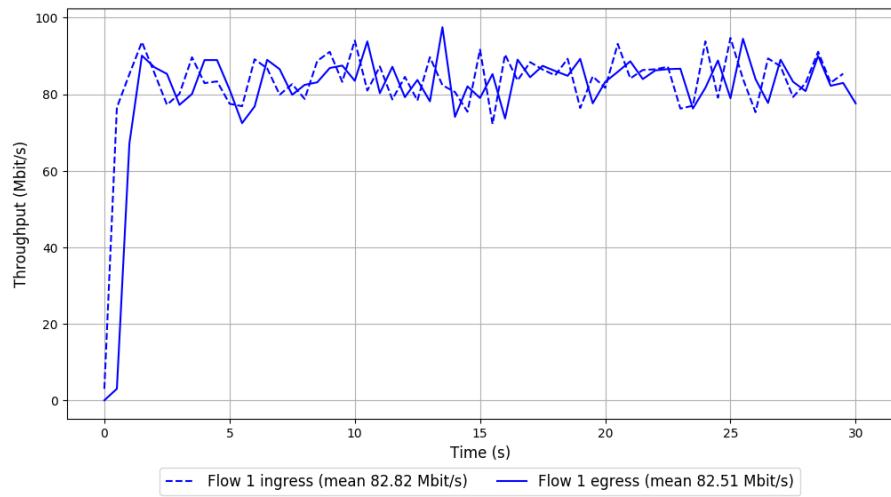


Run 4: Statistics of Verus

```
Start at: 2018-07-18 02:35:22
End at: 2018-07-18 02:35:52
Local clock offset: 0.791 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2018-07-18 05:27:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 47.197 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 47.197 ms
Loss rate: 0.61%
```

Run 4: Report of Verus — Data Link

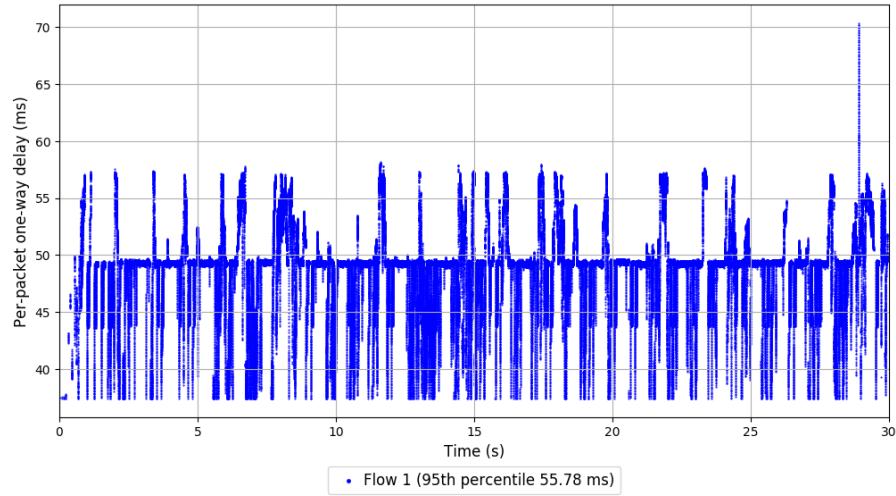
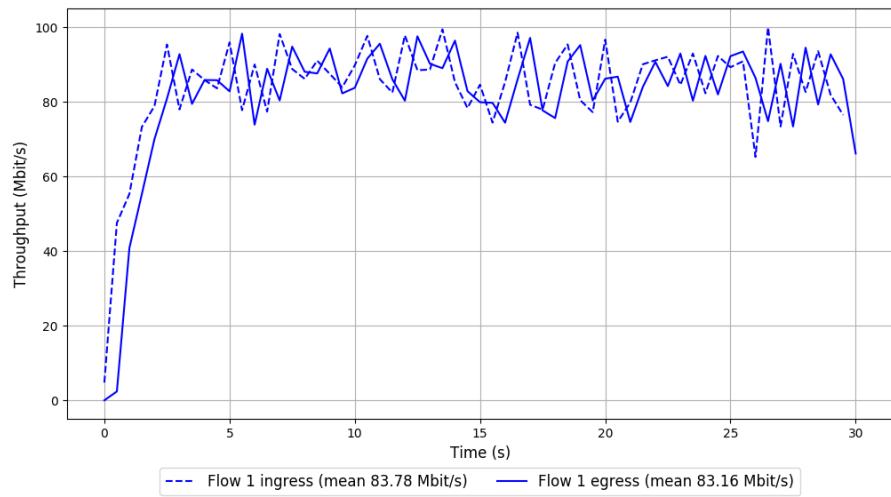


Run 5: Statistics of Verus

```
Start at: 2018-07-18 02:58:53
End at: 2018-07-18 02:59:23
Local clock offset: 1.105 ms
Remote clock offset: -3.774 ms

# Below is generated by plot.py at 2018-07-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.16 Mbit/s
95th percentile per-packet one-way delay: 55.783 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 83.16 Mbit/s
95th percentile per-packet one-way delay: 55.783 ms
Loss rate: 0.99%
```

Run 5: Report of Verus — Data Link

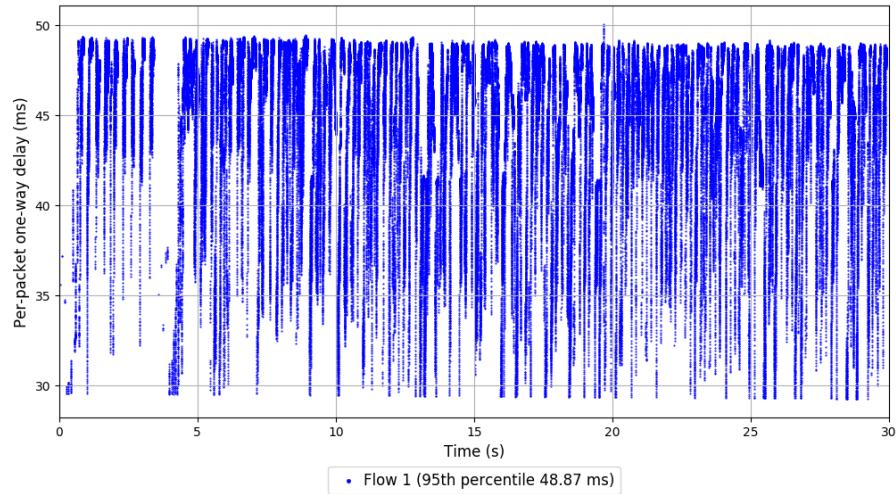
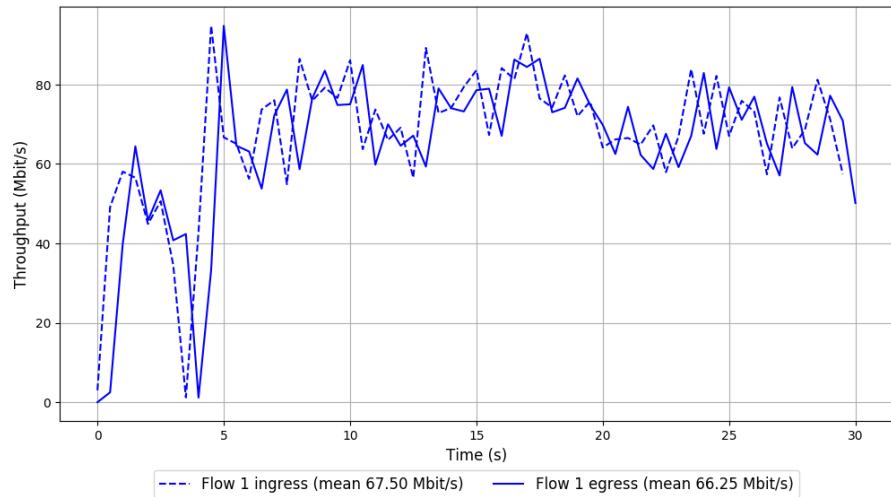


Run 6: Statistics of Verus

```
Start at: 2018-07-18 03:25:16
End at: 2018-07-18 03:25:46
Local clock offset: 7.543 ms
Remote clock offset: -1.688 ms

# Below is generated by plot.py at 2018-07-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.25 Mbit/s
95th percentile per-packet one-way delay: 48.871 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 66.25 Mbit/s
95th percentile per-packet one-way delay: 48.871 ms
Loss rate: 2.23%
```

Run 6: Report of Verus — Data Link

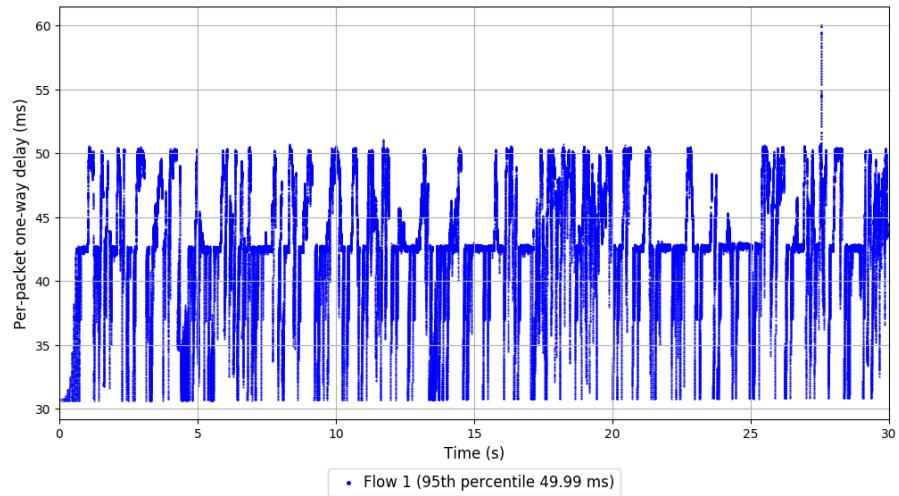
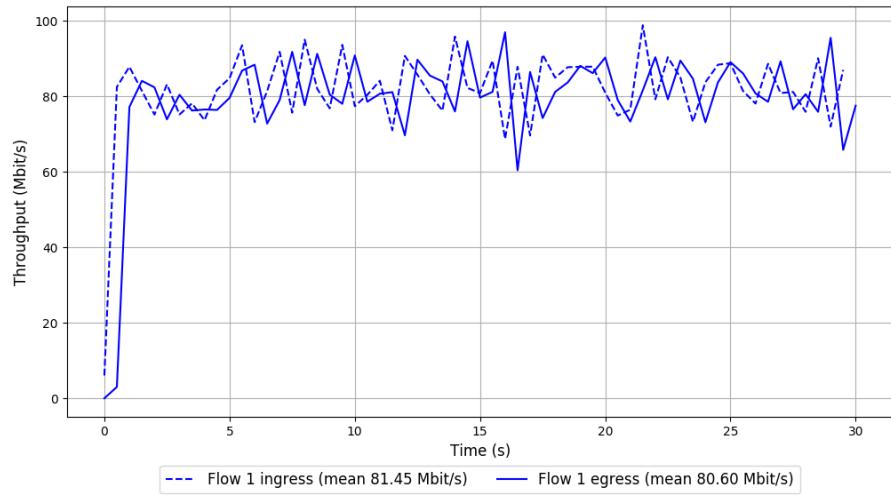


Run 7: Statistics of Verus

```
Start at: 2018-07-18 03:50:15
End at: 2018-07-18 03:50:45
Local clock offset: 12.878 ms
Remote clock offset: 0.513 ms

# Below is generated by plot.py at 2018-07-18 05:27:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.60 Mbit/s
95th percentile per-packet one-way delay: 49.994 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 80.60 Mbit/s
95th percentile per-packet one-way delay: 49.994 ms
Loss rate: 1.29%
```

Run 7: Report of Verus — Data Link

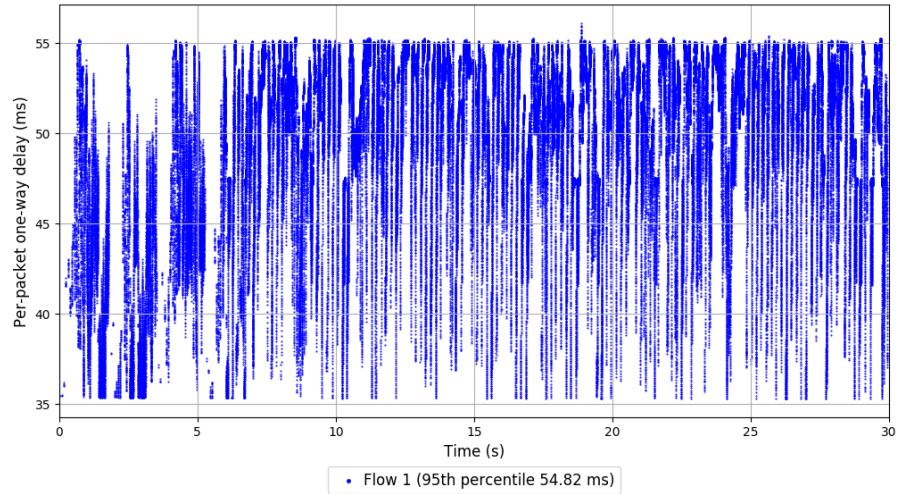
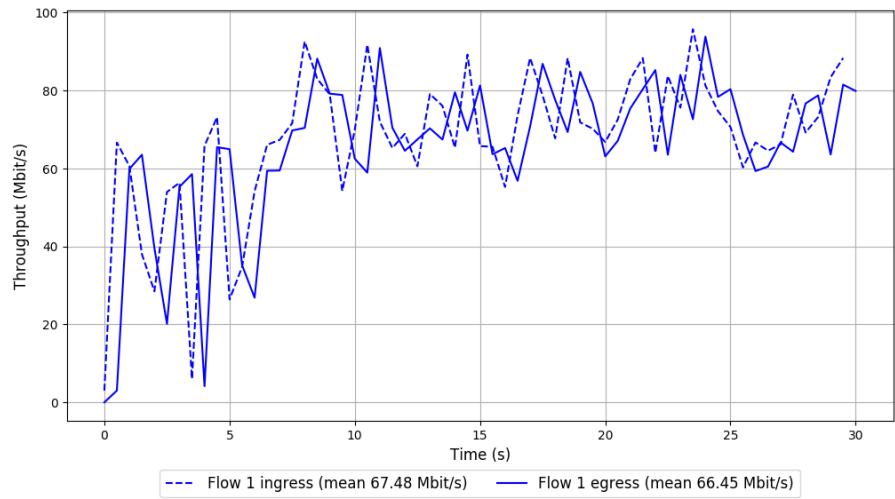


Run 8: Statistics of Verus

```
Start at: 2018-07-18 04:16:20
End at: 2018-07-18 04:16:50
Local clock offset: 13.212 ms
Remote clock offset: -1.746 ms

# Below is generated by plot.py at 2018-07-18 05:27:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.45 Mbit/s
95th percentile per-packet one-way delay: 54.817 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 66.45 Mbit/s
95th percentile per-packet one-way delay: 54.817 ms
Loss rate: 1.76%
```

Run 8: Report of Verus — Data Link

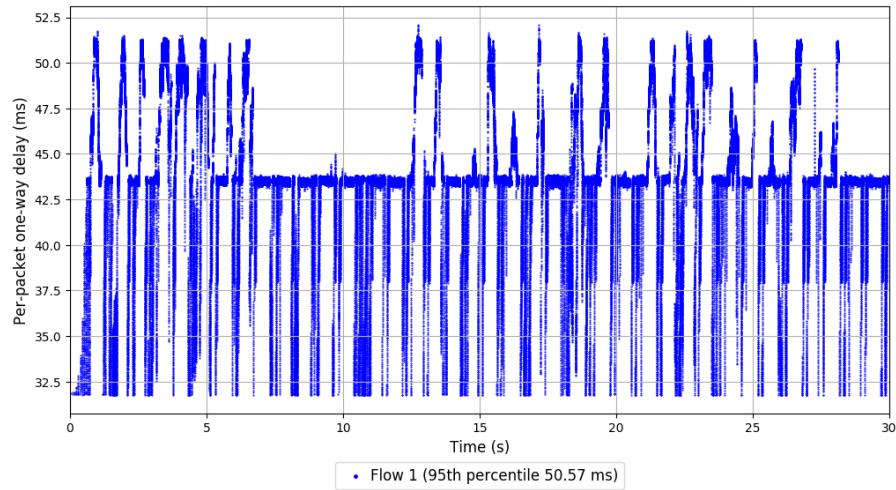
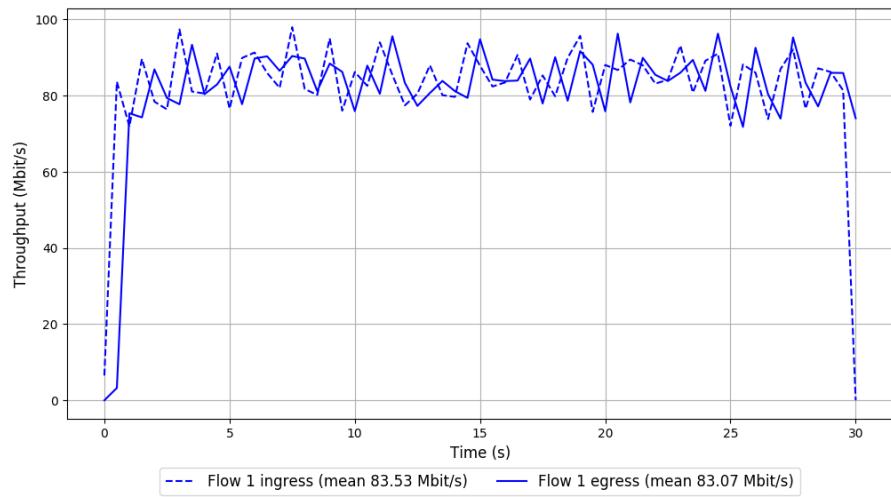


Run 9: Statistics of Verus

```
Start at: 2018-07-18 04:40:27
End at: 2018-07-18 04:40:57
Local clock offset: 11.152 ms
Remote clock offset: 1.502 ms

# Below is generated by plot.py at 2018-07-18 05:27:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.07 Mbit/s
95th percentile per-packet one-way delay: 50.568 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 83.07 Mbit/s
95th percentile per-packet one-way delay: 50.568 ms
Loss rate: 0.79%
```

Run 9: Report of Verus — Data Link

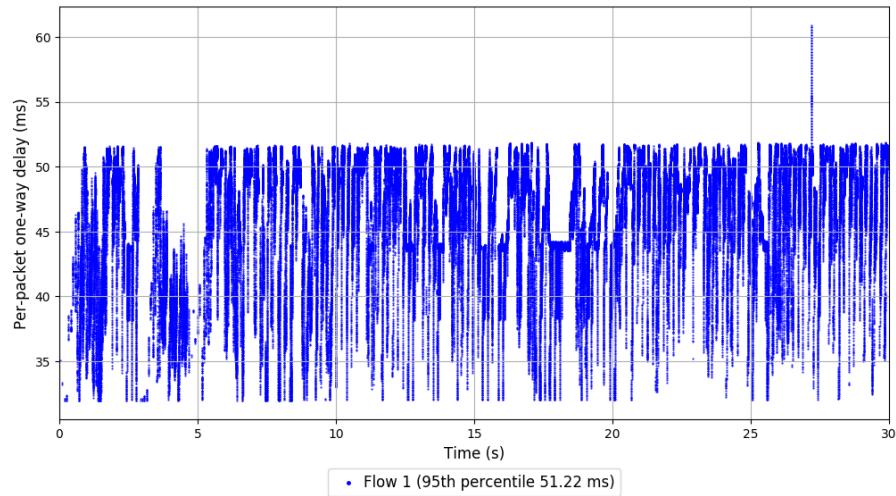
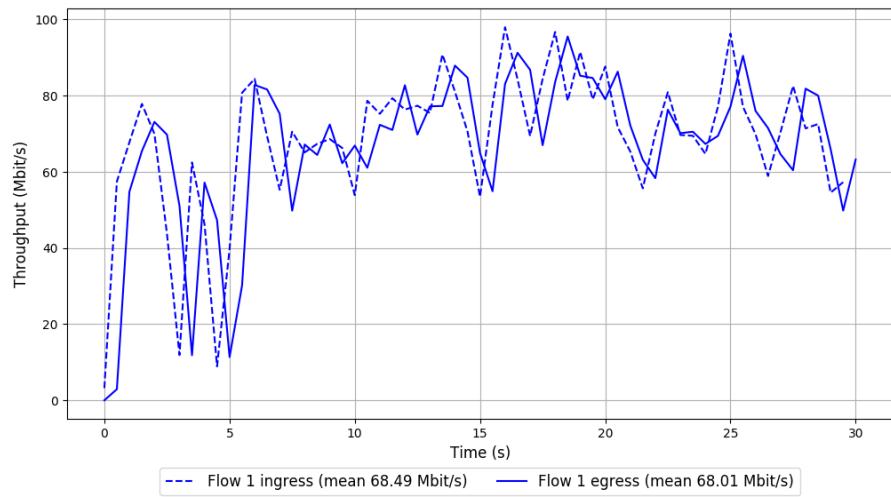


Run 10: Statistics of Verus

```
Start at: 2018-07-18 05:04:28
End at: 2018-07-18 05:04:58
Local clock offset: 0.384 ms
Remote clock offset: 1.008 ms

# Below is generated by plot.py at 2018-07-18 05:27:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 51.216 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 51.216 ms
Loss rate: 0.95%
```

Run 10: Report of Verus — Data Link

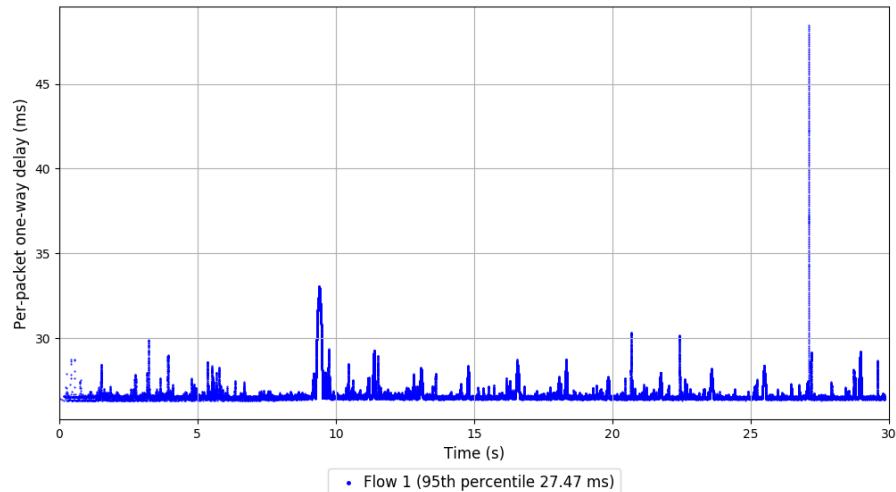
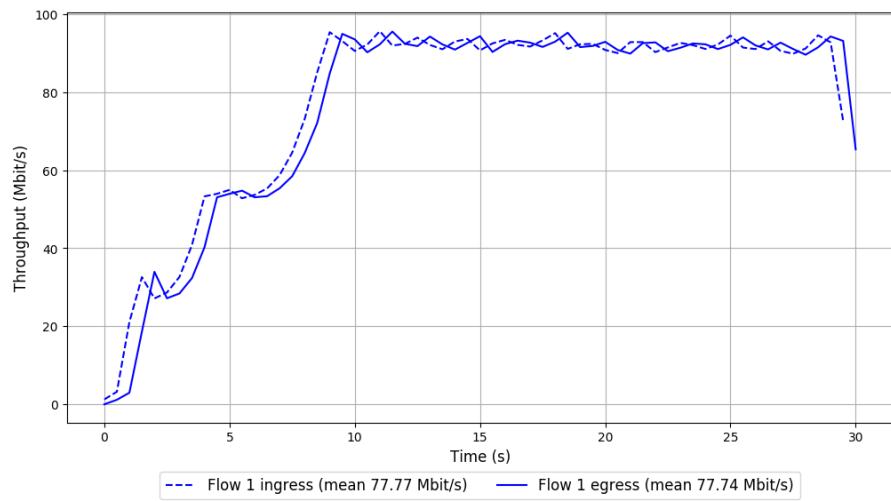


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-18 01:28:09
End at: 2018-07-18 01:28:39
Local clock offset: 0.553 ms
Remote clock offset: -0.389 ms

# Below is generated by plot.py at 2018-07-18 05:28:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 27.470 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 27.470 ms
Loss rate: 0.26%
```

Run 1: Report of PCC-Vivace — Data Link

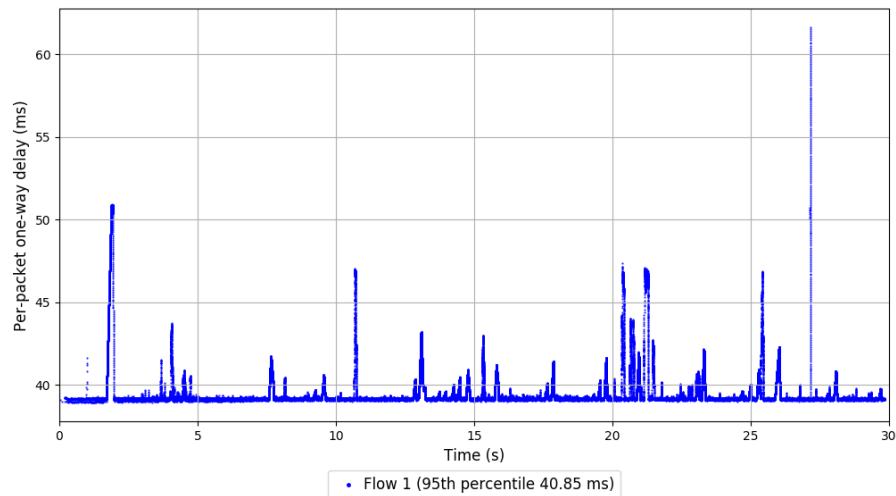
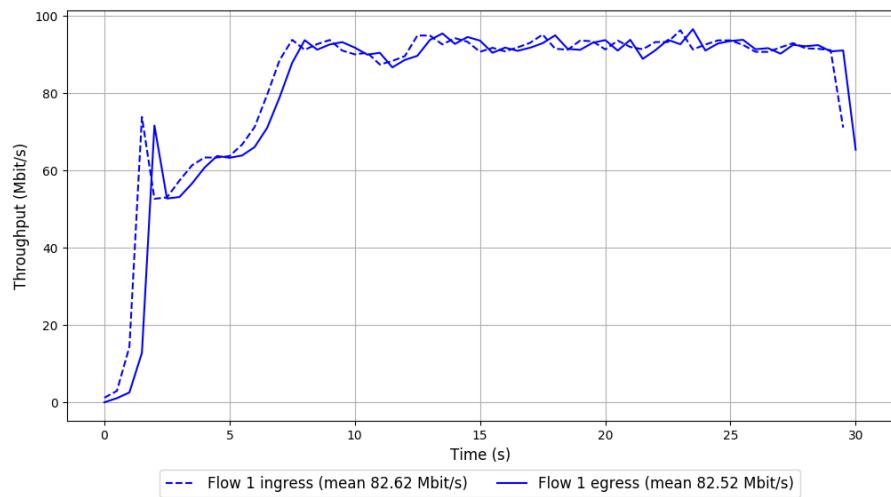


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-18 01:50:25
End at: 2018-07-18 01:50:55
Local clock offset: 0.597 ms
Remote clock offset: -5.364 ms

# Below is generated by plot.py at 2018-07-18 05:28:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.52 Mbit/s
95th percentile per-packet one-way delay: 40.847 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 82.52 Mbit/s
95th percentile per-packet one-way delay: 40.847 ms
Loss rate: 0.36%
```

Run 2: Report of PCC-Vivace — Data Link

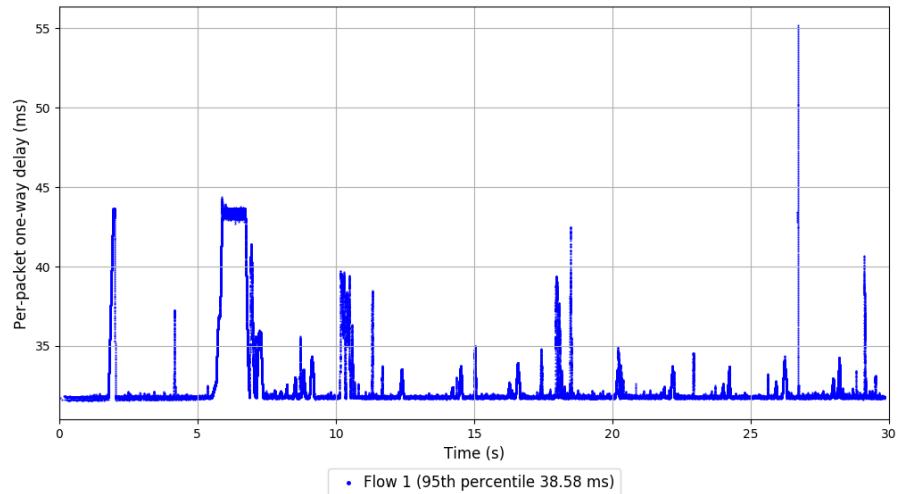
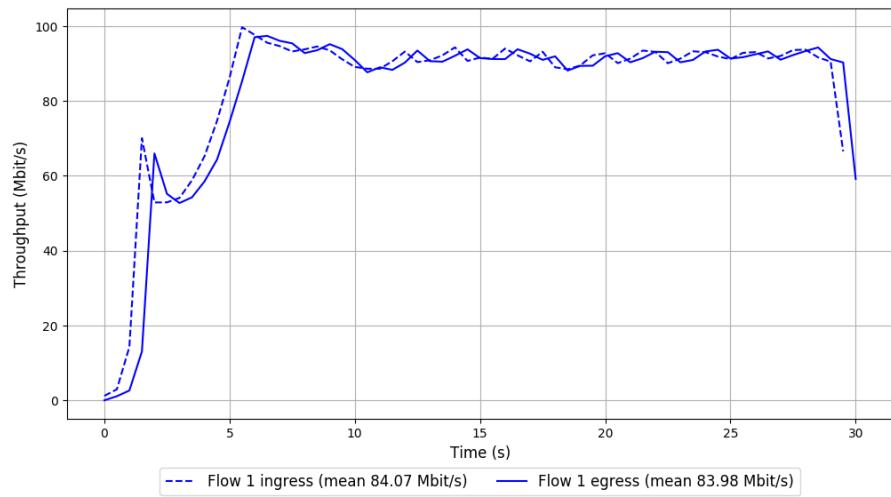


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-18 02:13:11
End at: 2018-07-18 02:13:41
Local clock offset: 0.814 ms
Remote clock offset: 1.886 ms

# Below is generated by plot.py at 2018-07-18 05:28:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.98 Mbit/s
95th percentile per-packet one-way delay: 38.584 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 83.98 Mbit/s
95th percentile per-packet one-way delay: 38.584 ms
Loss rate: 0.35%
```

Run 3: Report of PCC-Vivace — Data Link

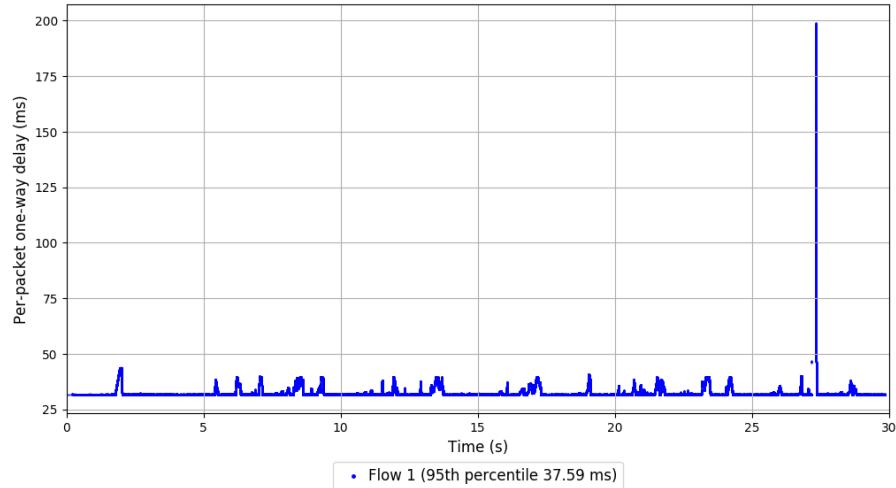
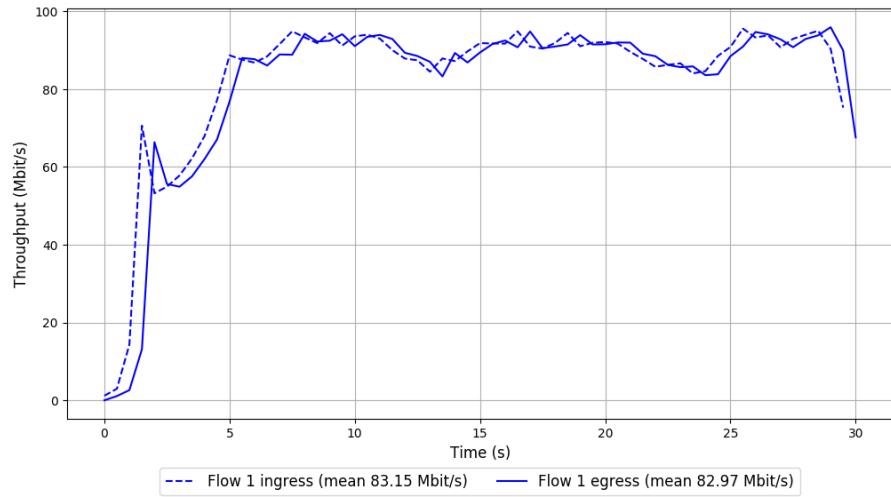


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-18 02:36:46
End at: 2018-07-18 02:37:16
Local clock offset: 0.89 ms
Remote clock offset: 1.965 ms

# Below is generated by plot.py at 2018-07-18 05:28:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.97 Mbit/s
95th percentile per-packet one-way delay: 37.588 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 82.97 Mbit/s
95th percentile per-packet one-way delay: 37.588 ms
Loss rate: 0.46%
```

Run 4: Report of PCC-Vivace — Data Link

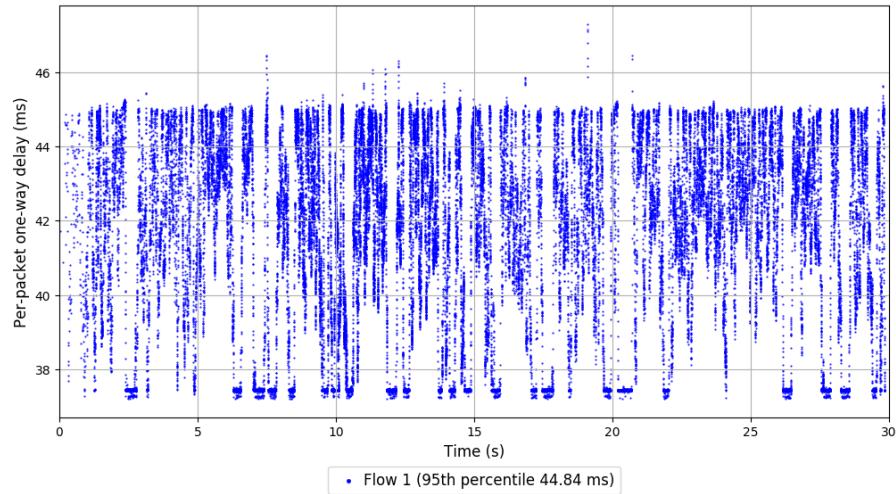
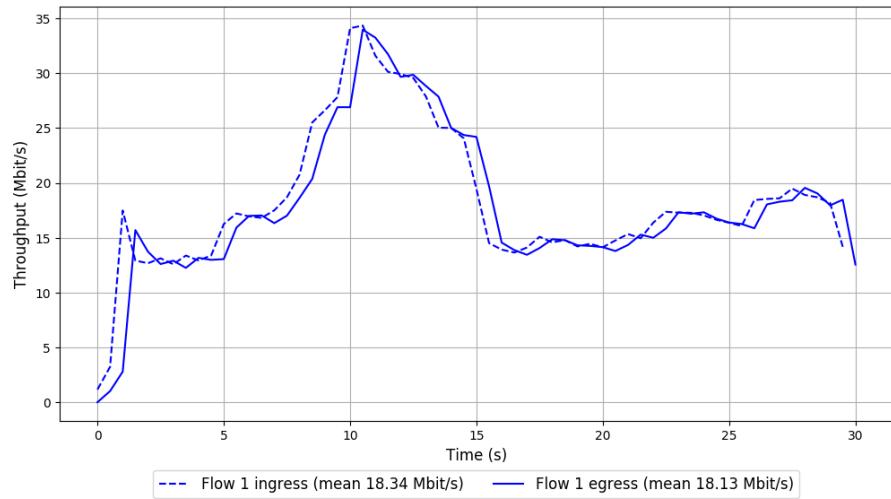


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-18 03:00:26
End at: 2018-07-18 03:00:56
Local clock offset: 1.217 ms
Remote clock offset: -3.684 ms

# Below is generated by plot.py at 2018-07-18 05:28:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 44.844 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 44.844 ms
Loss rate: 1.36%
```

Run 5: Report of PCC-Vivace — Data Link

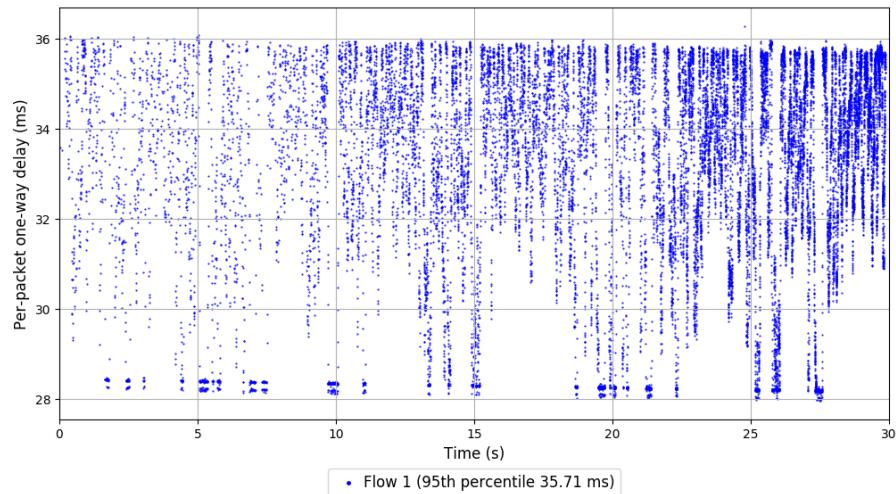
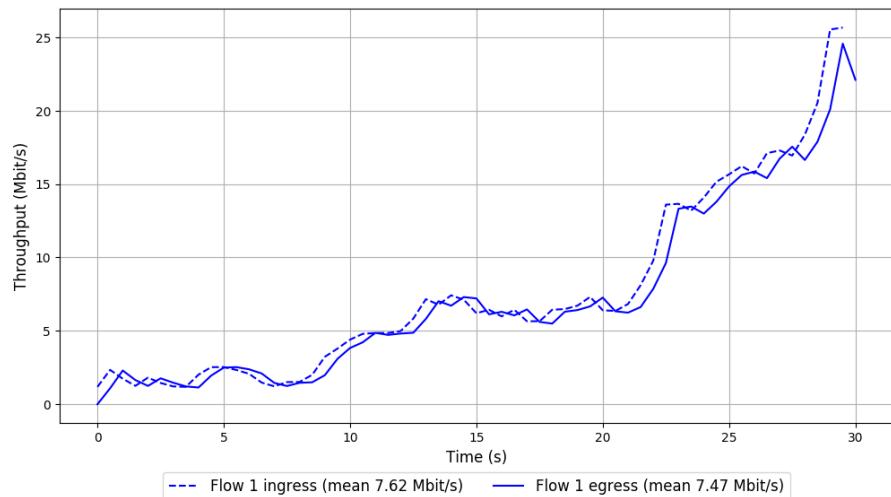


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-18 03:27:16
End at: 2018-07-18 03:27:46
Local clock offset: 8.384 ms
Remote clock offset: -0.982 ms

# Below is generated by plot.py at 2018-07-18 05:28:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.47 Mbit/s
95th percentile per-packet one-way delay: 35.707 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 7.47 Mbit/s
95th percentile per-packet one-way delay: 35.707 ms
Loss rate: 2.30%
```

Run 6: Report of PCC-Vivace — Data Link

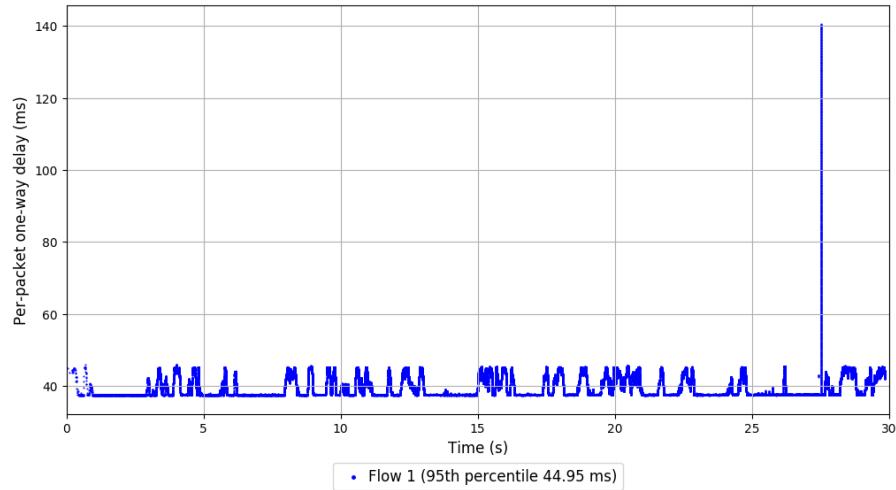
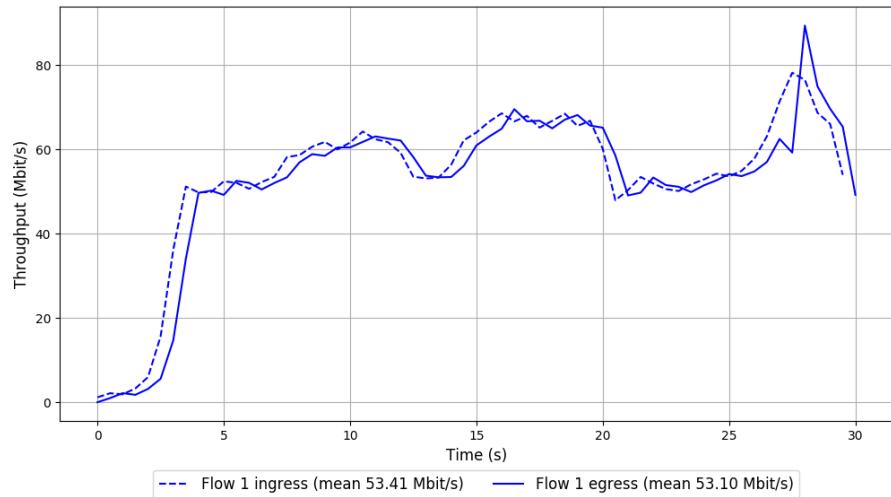


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-18 03:51:42
End at: 2018-07-18 03:52:12
Local clock offset: 12.7 ms
Remote clock offset: -5.945 ms

# Below is generated by plot.py at 2018-07-18 05:28:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 44.948 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 44.948 ms
Loss rate: 0.85%
```

Run 7: Report of PCC-Vivace — Data Link

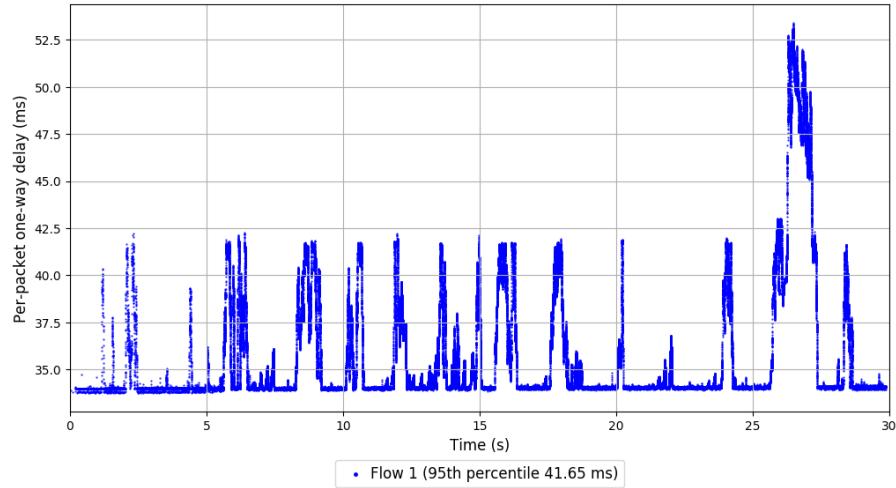
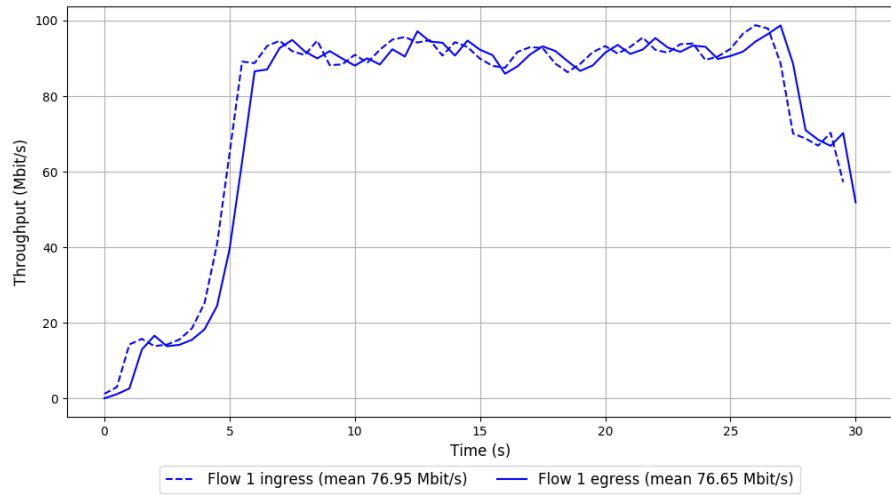


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-18 04:17:58
End at: 2018-07-18 04:18:29
Local clock offset: 13.102 ms
Remote clock offset: -0.283 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 41.648 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 41.648 ms
Loss rate: 0.63%
```

Run 8: Report of PCC-Vivace — Data Link

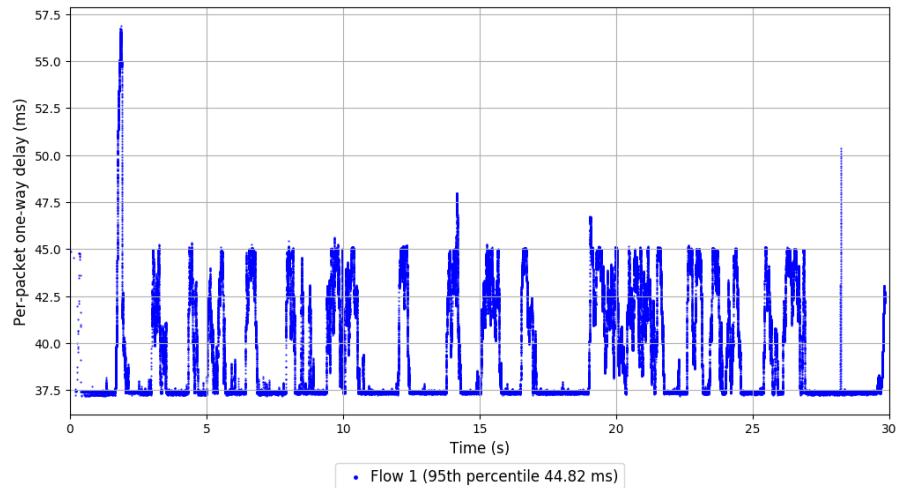
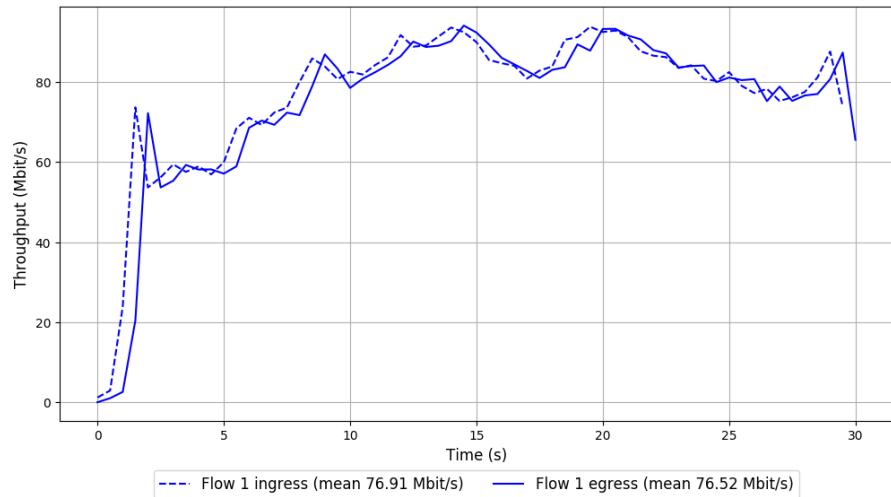


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-18 04:41:58
End at: 2018-07-18 04:42:28
Local clock offset: 11.187 ms
Remote clock offset: -4.136 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 44.819 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 44.819 ms
Loss rate: 0.77%
```

Run 9: Report of PCC-Vivace — Data Link

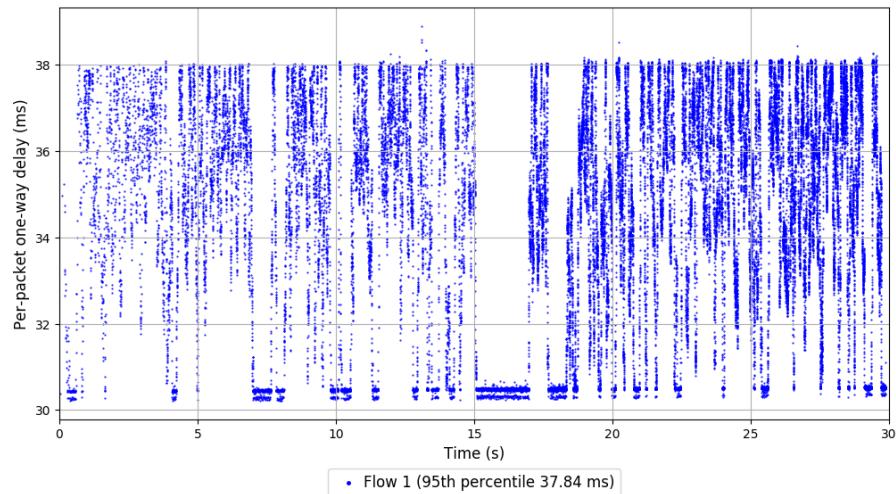
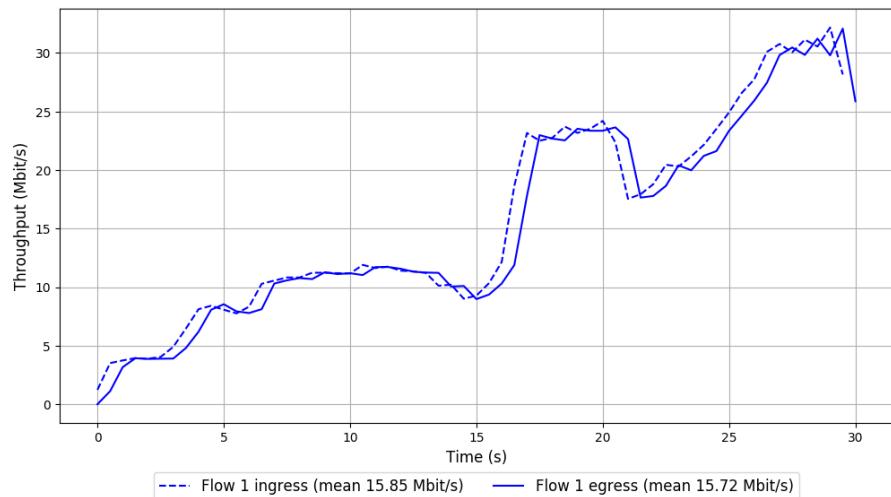


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-18 05:06:13
End at: 2018-07-18 05:06:43
Local clock offset: -0.182 ms
Remote clock offset: 2.44 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 37.844 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 37.844 ms
Loss rate: 1.06%
```

Run 10: Report of PCC-Vivace — Data Link

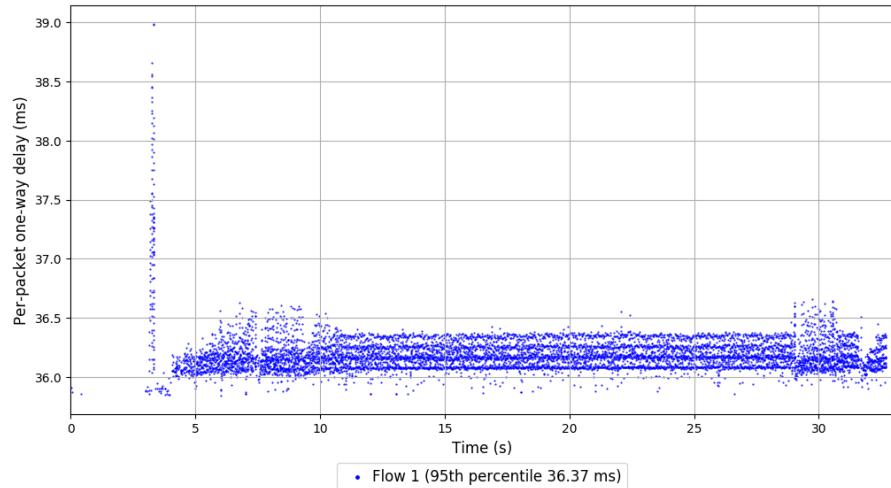
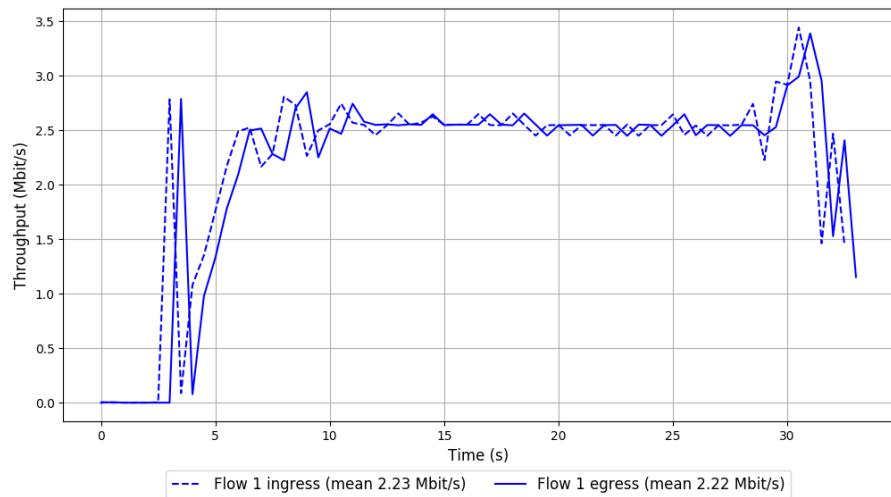


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-18 01:11:09
End at: 2018-07-18 01:11:39
Local clock offset: 0.609 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 36.371 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 36.371 ms
Loss rate: 0.33%
```

Run 1: Report of WebRTC media — Data Link

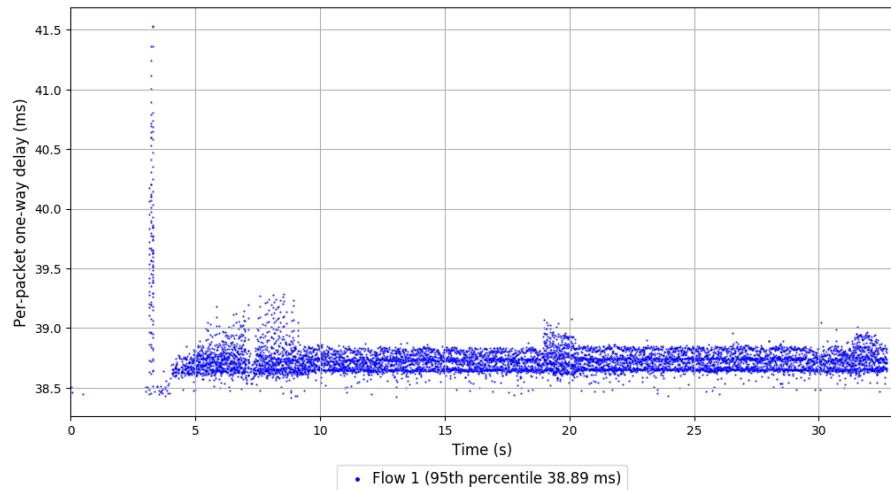
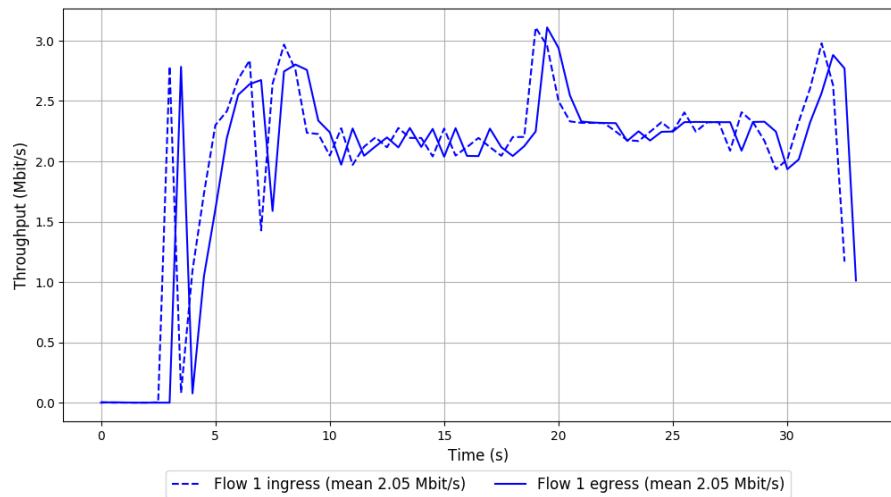


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-18 01:33:26
End at: 2018-07-18 01:33:56
Local clock offset: 0.55 ms
Remote clock offset: -2.706 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 38.890 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 38.890 ms
Loss rate: 0.23%
```

Run 2: Report of WebRTC media — Data Link

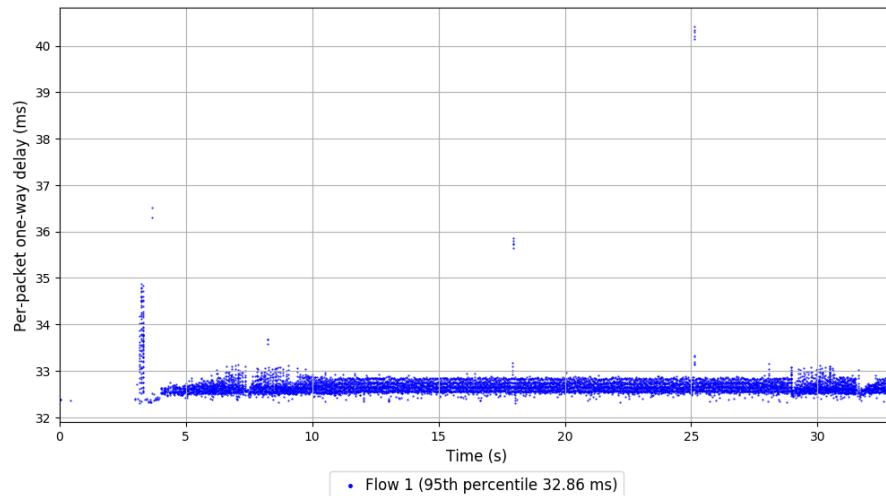
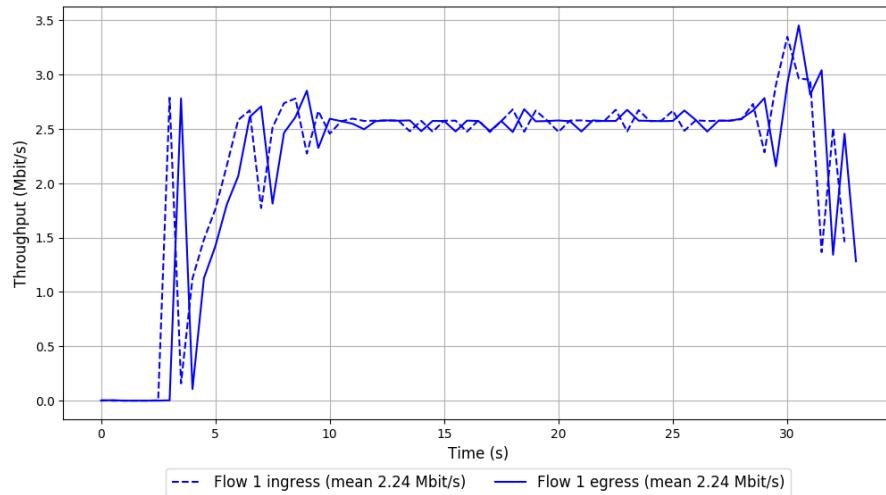


```
Run 3: Statistics of WebRTC media

Start at: 2018-07-18 01:55:52
End at: 2018-07-18 01:56:22
Local clock offset: 0.747 ms
Remote clock offset: 1.415 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 32.856 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 32.856 ms
Loss rate: 0.25%
```

Run 3: Report of WebRTC media — Data Link

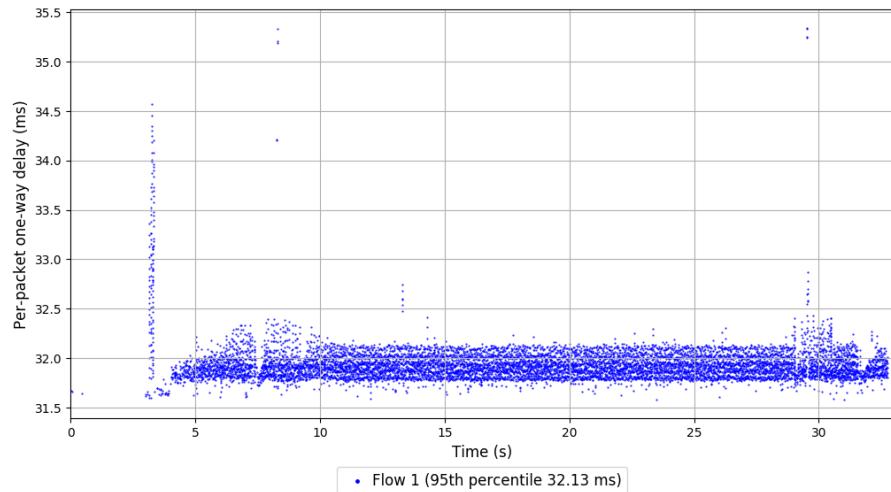
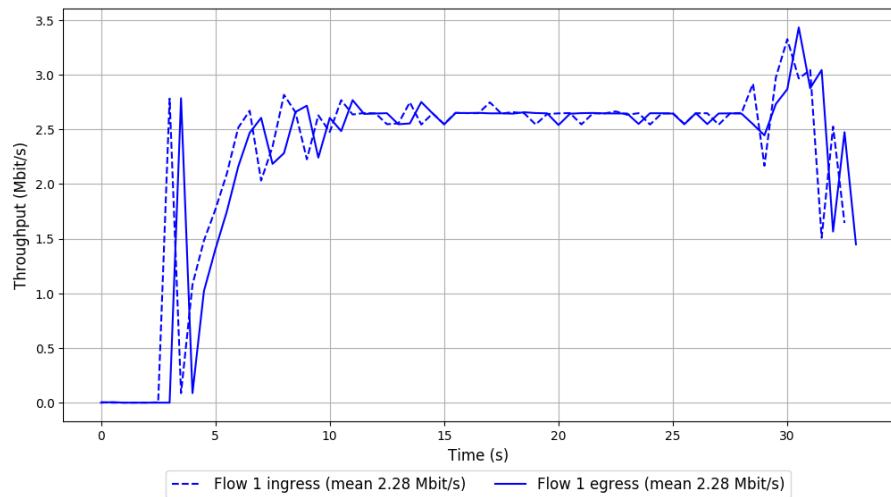


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-18 02:18:46
End at: 2018-07-18 02:19:16
Local clock offset: 0.826 ms
Remote clock offset: 1.874 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 32.128 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 32.128 ms
Loss rate: 0.26%
```

Run 4: Report of WebRTC media — Data Link

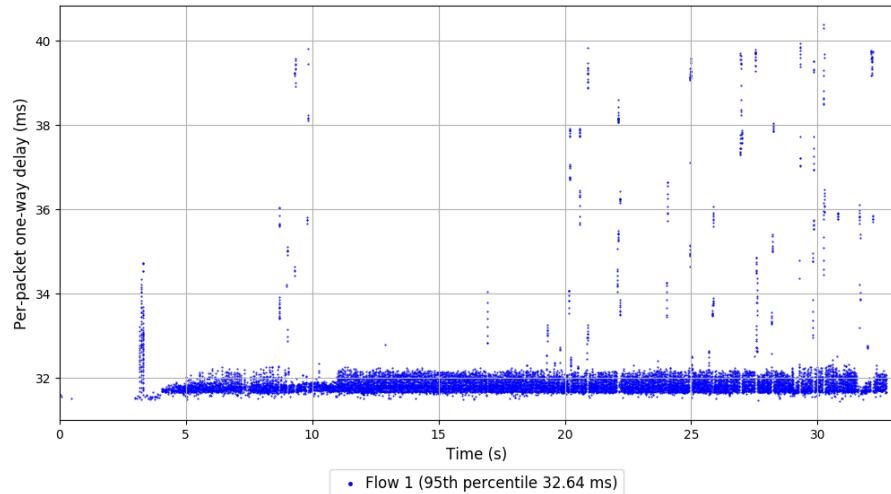
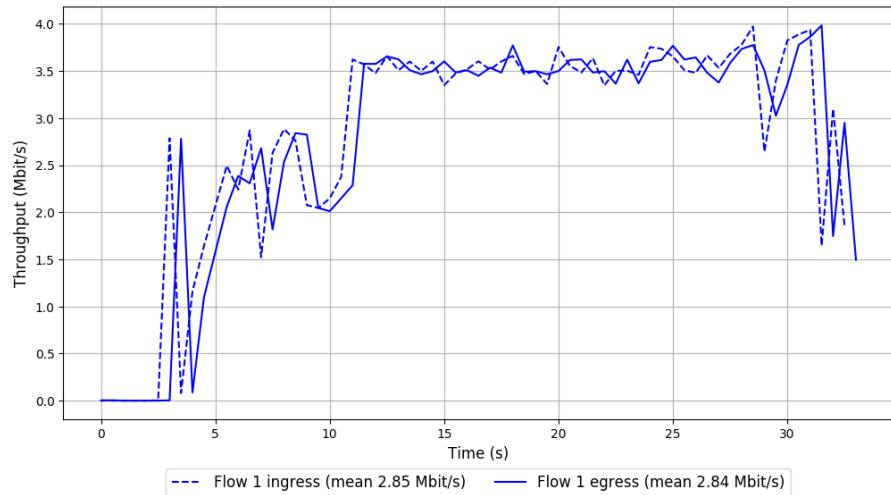


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-18 02:42:36
End at: 2018-07-18 02:43:06
Local clock offset: 0.877 ms
Remote clock offset: 1.988 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 32.644 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 32.644 ms
Loss rate: 0.54%
```

Run 5: Report of WebRTC media — Data Link

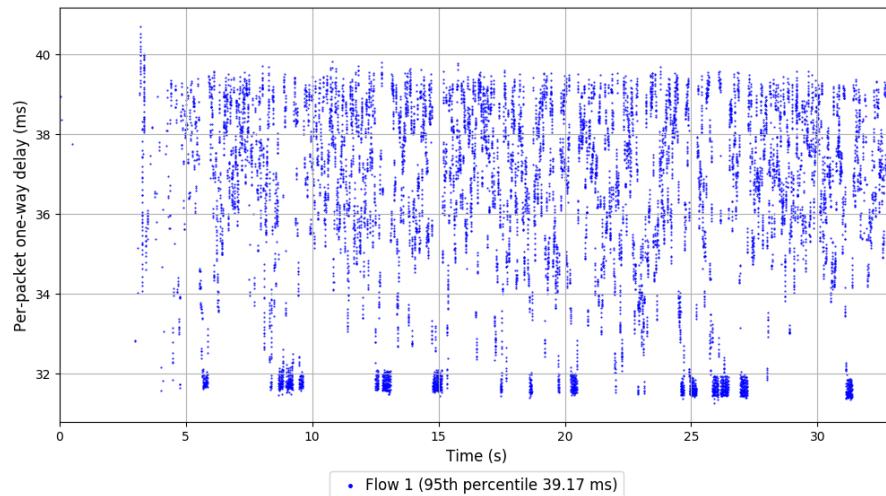
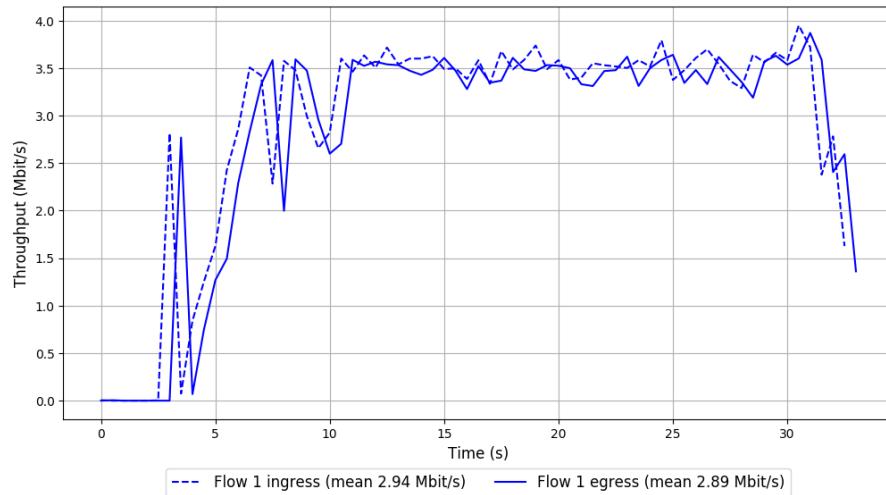


```
Run 6: Statistics of WebRTC media

Start at: 2018-07-18 03:07:00
End at: 2018-07-18 03:07:30
Local clock offset: 1.213 ms
Remote clock offset: 1.751 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.89 Mbit/s
95th percentile per-packet one-way delay: 39.174 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 2.89 Mbit/s
95th percentile per-packet one-way delay: 39.174 ms
Loss rate: 2.10%
```

Run 6: Report of WebRTC media — Data Link

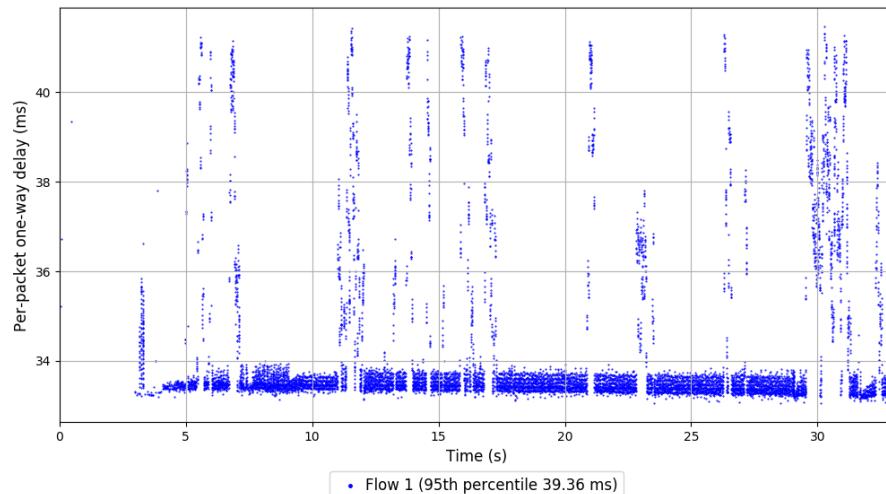
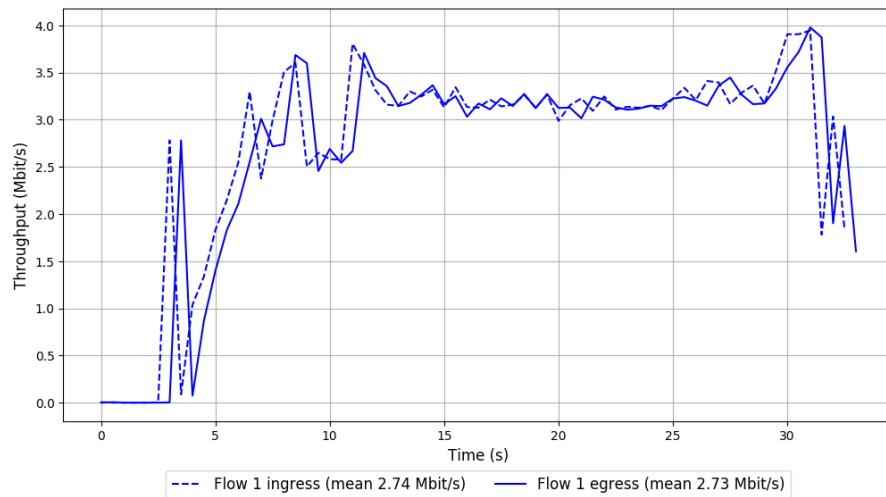


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-18 03:33:43
End at: 2018-07-18 03:34:13
Local clock offset: 10.568 ms
Remote clock offset: -6.774 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.73 Mbit/s
95th percentile per-packet one-way delay: 39.356 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.73 Mbit/s
95th percentile per-packet one-way delay: 39.356 ms
Loss rate: 0.57%
```

Run 7: Report of WebRTC media — Data Link

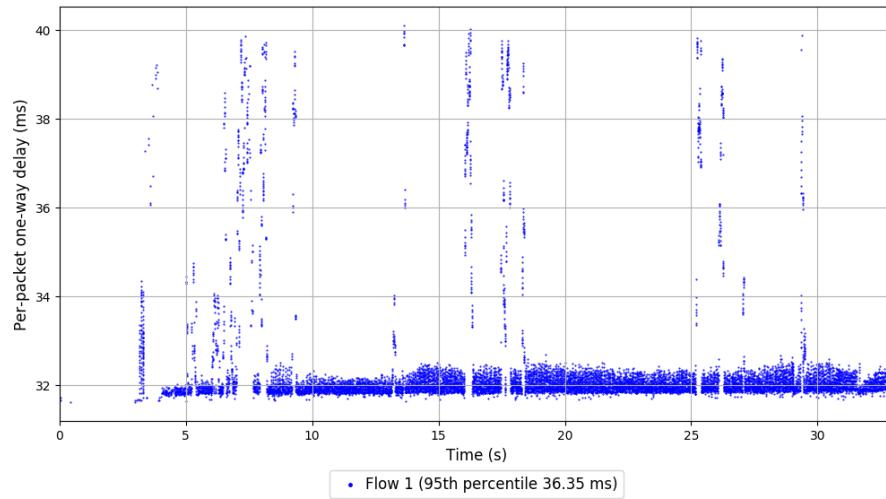
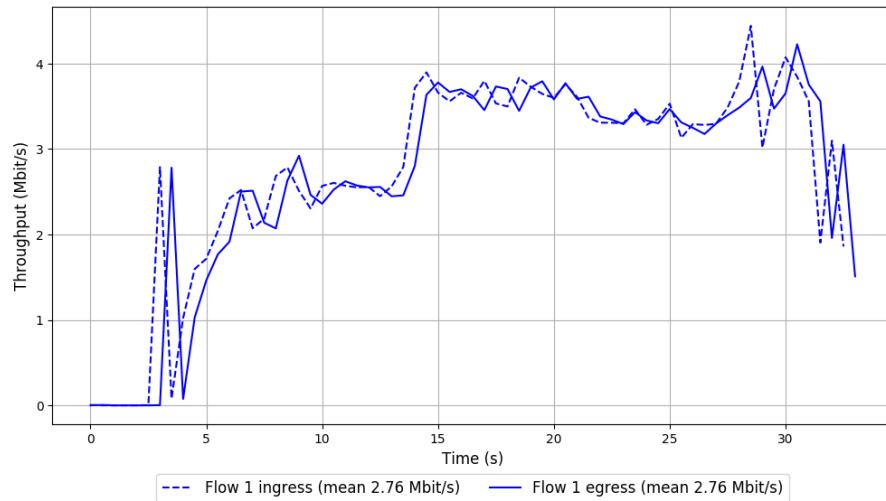


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-18 03:57:37
End at: 2018-07-18 03:58:07
Local clock offset: 12.284 ms
Remote clock offset: 0.782 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 36.347 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 36.347 ms
Loss rate: 0.54%
```

Run 8: Report of WebRTC media — Data Link

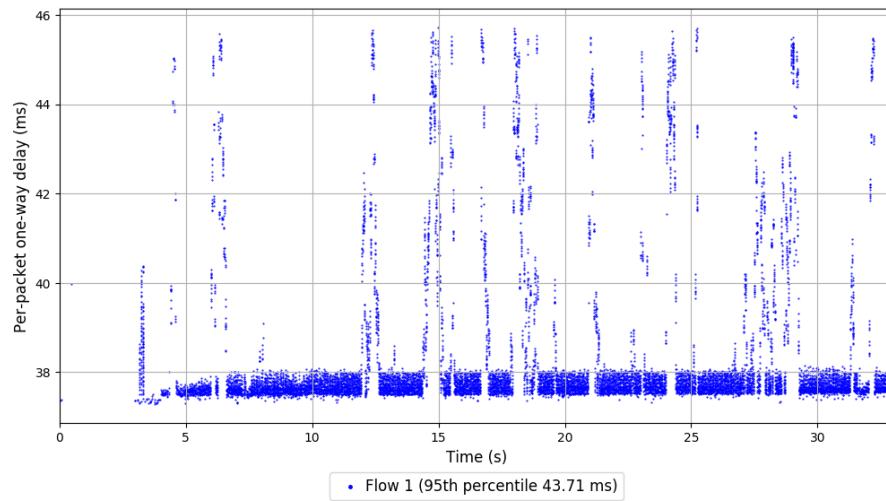
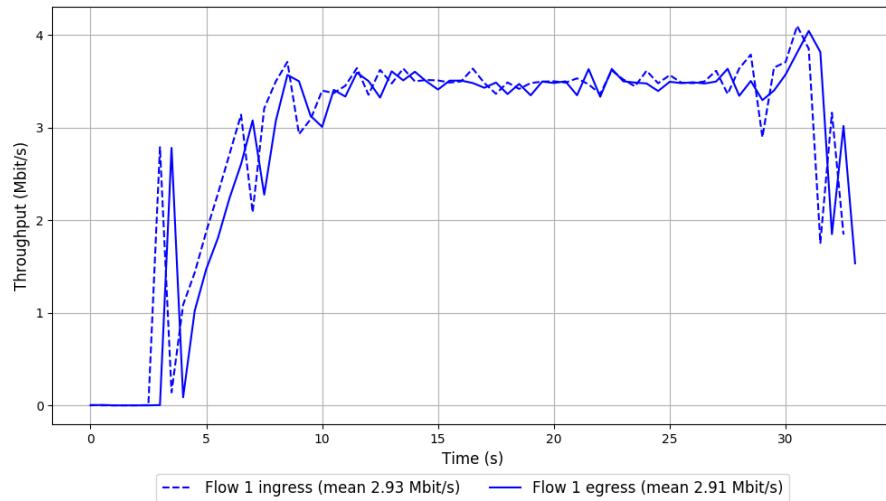


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-18 04:24:01
End at: 2018-07-18 04:24:31
Local clock offset: 11.707 ms
Remote clock offset: -4.107 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 43.708 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 43.708 ms
Loss rate: 0.86%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-18 04:47:48
End at: 2018-07-18 04:48:18
Local clock offset: 10.732 ms
Remote clock offset: 2.855 ms

# Below is generated by plot.py at 2018-07-18 05:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 32.494 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 32.494 ms
Loss rate: 0.35%
```

Run 10: Report of WebRTC media — Data Link

