

Pantheon Report

Generated at 2018-08-21 22:27:24 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

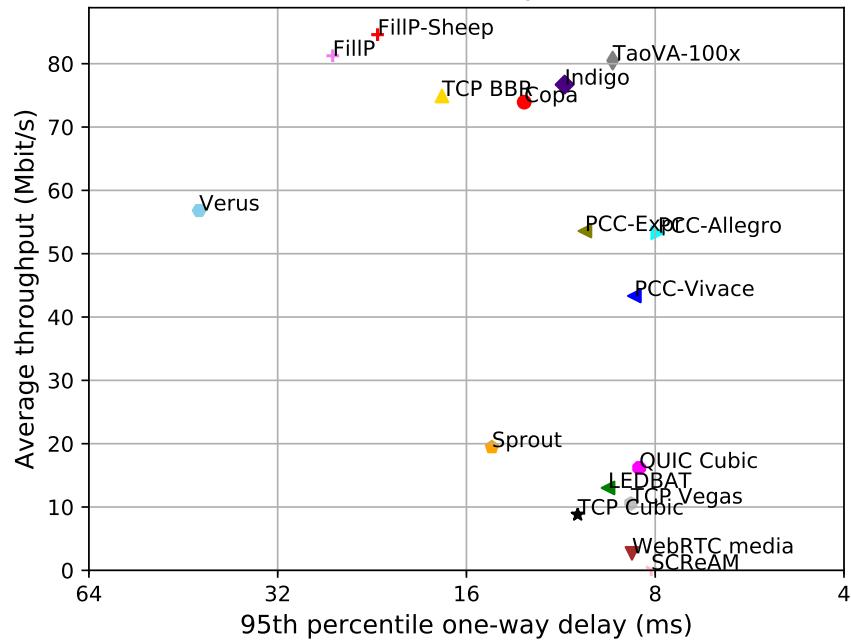
System info:

```
Linux 4.15.0-1017-aws
net.core.default_qdisc = fq_codel
net.core.rmem_default = 16777216
net.core.rmem_max = 33554432
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 87380 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

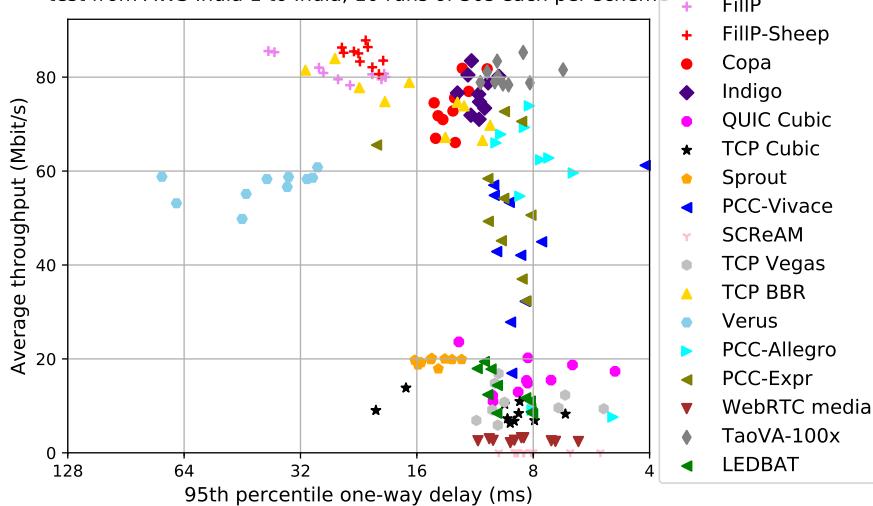
Git summary:

```
branch: master @ 7719b900495aa706f8452ab7d4a94dd562e9296e
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfe58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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 AWS India 1 to India, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



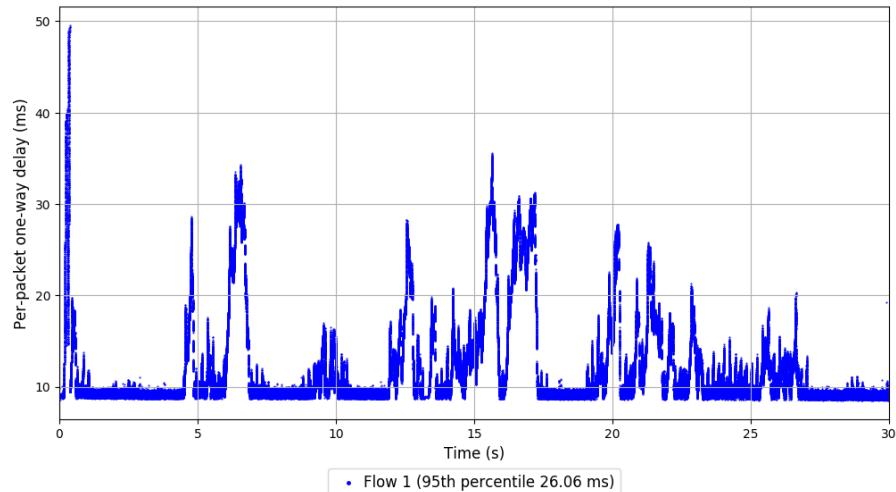
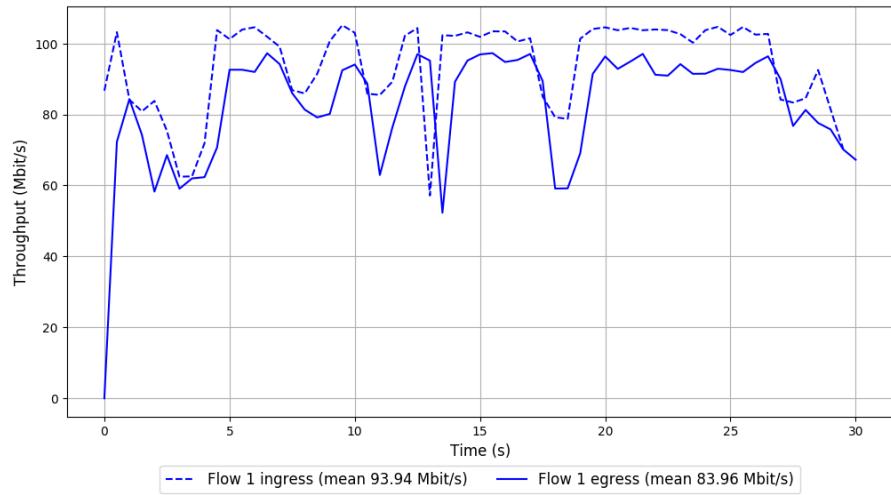
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	74.90	17.50	11.60
Copa	10	73.93	12.94	11.19
TCP Cubic	10	8.81	10.64	1.24
FillP	10	81.25	26.14	14.04
FillP-Sheep	10	84.59	22.17	13.37
Indigo	10	76.70	11.16	9.60
LEDBAT	10	13.01	9.51	1.07
PCC-Allegro	10	53.32	7.92	6.75
PCC-Expr	10	53.58	10.36	8.15
QUIC Cubic	10	16.17	8.48	1.91
SCReAM	10	0.10	8.12	1.83
Sprout	10	19.46	14.57	3.95
TaoVA-100x	10	80.50	9.35	12.18
TCP Vegas	10	10.55	8.75	0.96
Verus	10	56.82	42.70	31.07
PCC-Vivace	10	43.33	8.64	6.35
WebRTC media	10	2.69	8.71	2.14

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-21 19:02:34
End at: 2018-08-21 19:03:04
Local clock offset: -0.897 ms
Remote clock offset: -65.847 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.96 Mbit/s
95th percentile per-packet one-way delay: 26.063 ms
Loss rate: 10.62%
-- Flow 1:
Average throughput: 83.96 Mbit/s
95th percentile per-packet one-way delay: 26.063 ms
Loss rate: 10.62%
```

Run 1: Report of TCP BBR — Data Link

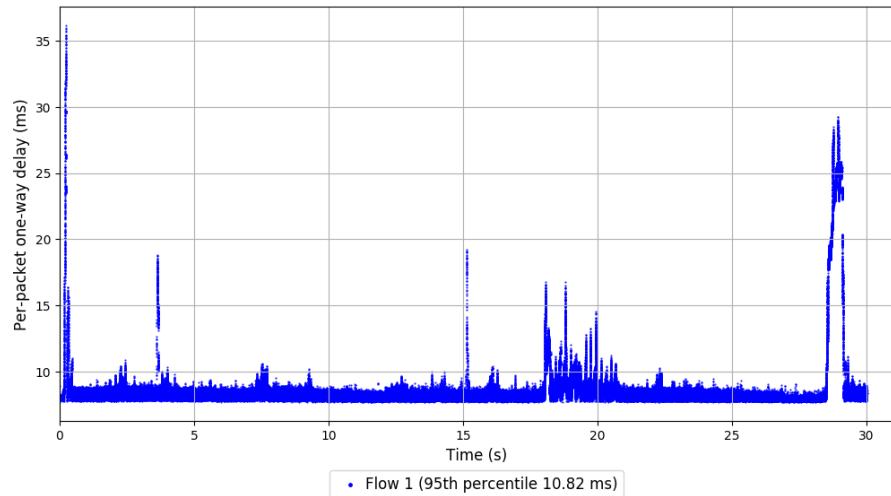
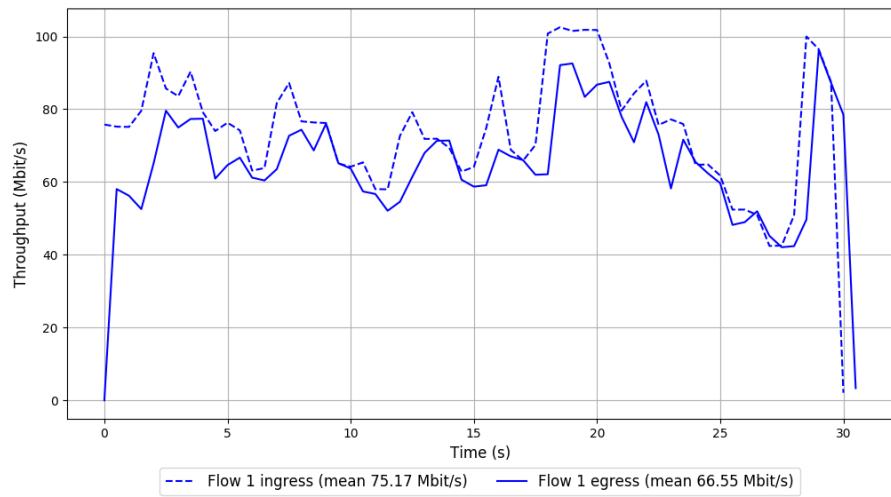


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-21 19:21:54
End at: 2018-08-21 19:22:24
Local clock offset: -0.179 ms
Remote clock offset: -62.614 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 10.820 ms
Loss rate: 11.47%
-- Flow 1:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 10.820 ms
Loss rate: 11.47%
```

Run 2: Report of TCP BBR — Data Link

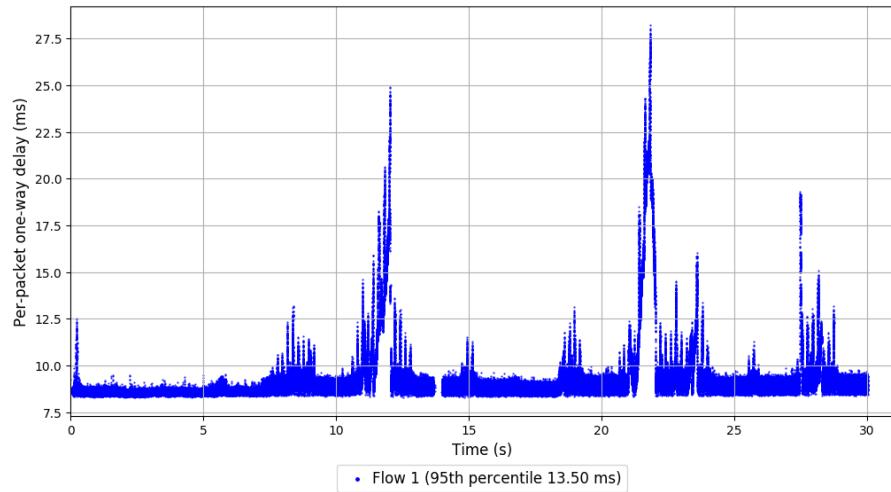
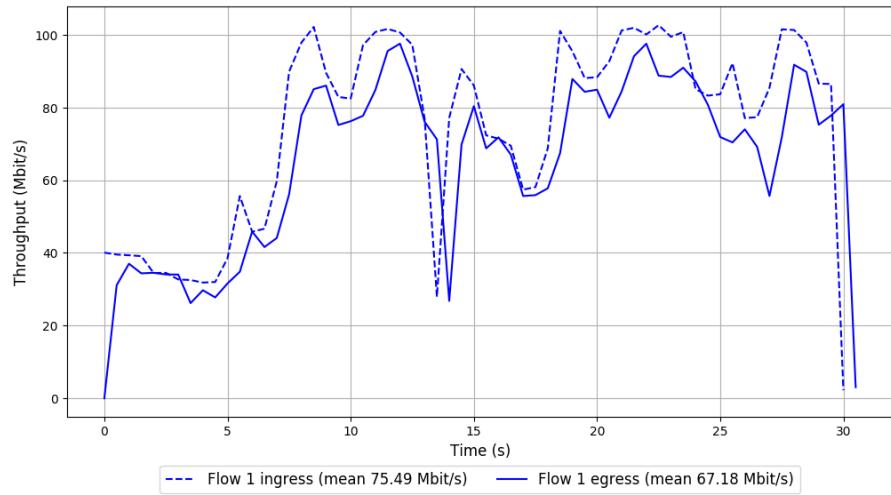


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-21 19:41:06
End at: 2018-08-21 19:41:36
Local clock offset: 0.541 ms
Remote clock offset: -62.238 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.18 Mbit/s
95th percentile per-packet one-way delay: 13.500 ms
Loss rate: 11.00%
-- Flow 1:
Average throughput: 67.18 Mbit/s
95th percentile per-packet one-way delay: 13.500 ms
Loss rate: 11.00%
```

Run 3: Report of TCP BBR — Data Link

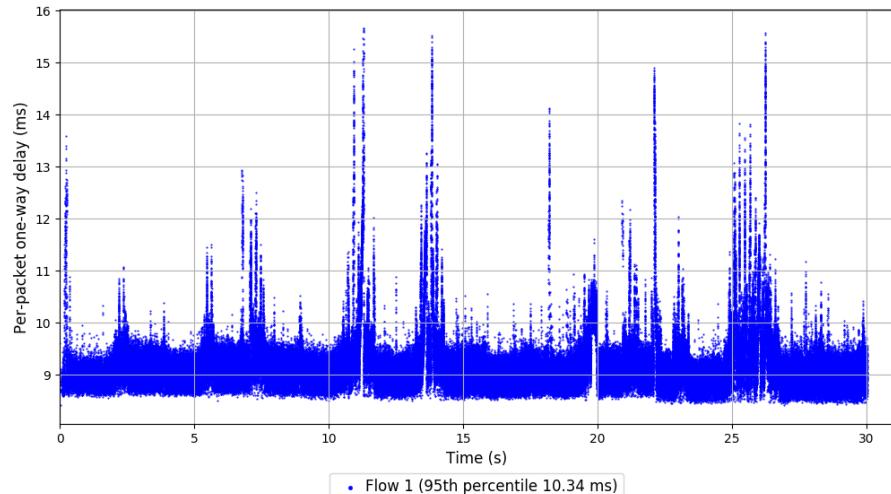
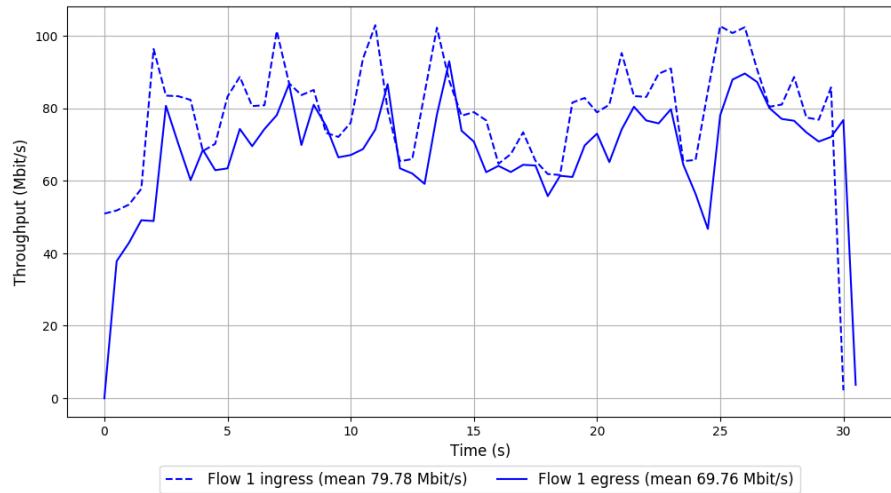


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-21 20:00:20
End at: 2018-08-21 20:00:50
Local clock offset: -0.384 ms
Remote clock offset: -62.412 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 10.340 ms
Loss rate: 12.56%
-- Flow 1:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 10.340 ms
Loss rate: 12.56%
```

Run 4: Report of TCP BBR — Data Link

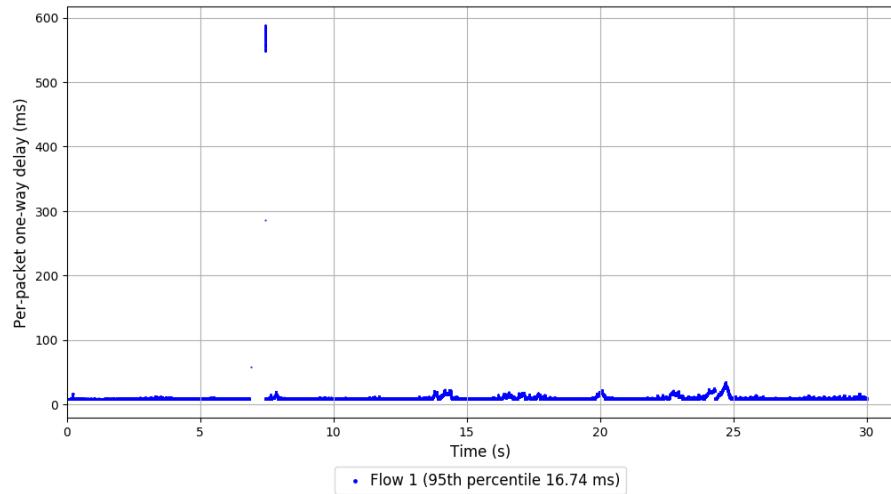
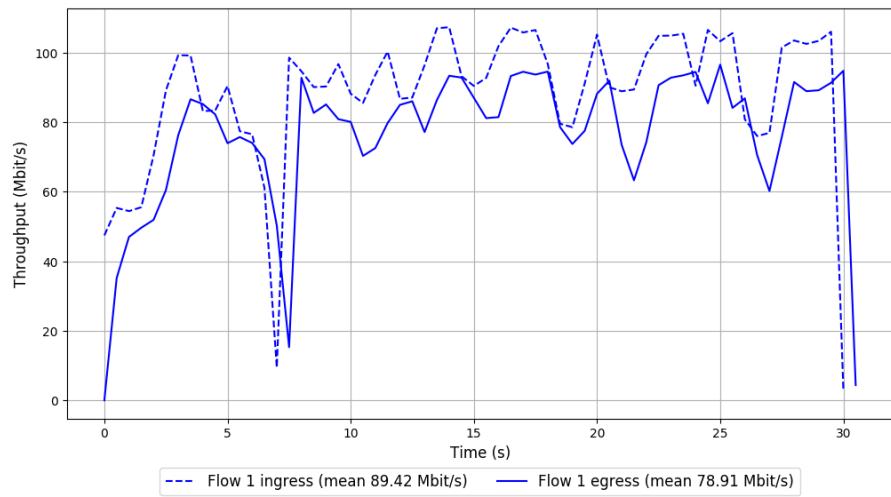


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-21 20:19:33
End at: 2018-08-21 20:20:03
Local clock offset: -1.43 ms
Remote clock offset: -62.652 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 16.739 ms
Loss rate: 11.75%
-- Flow 1:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 16.739 ms
Loss rate: 11.75%
```

Run 5: Report of TCP BBR — Data Link

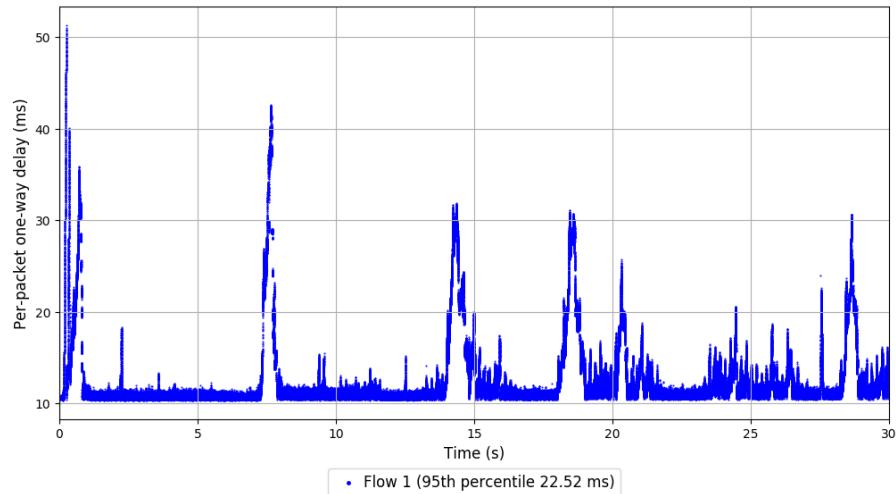
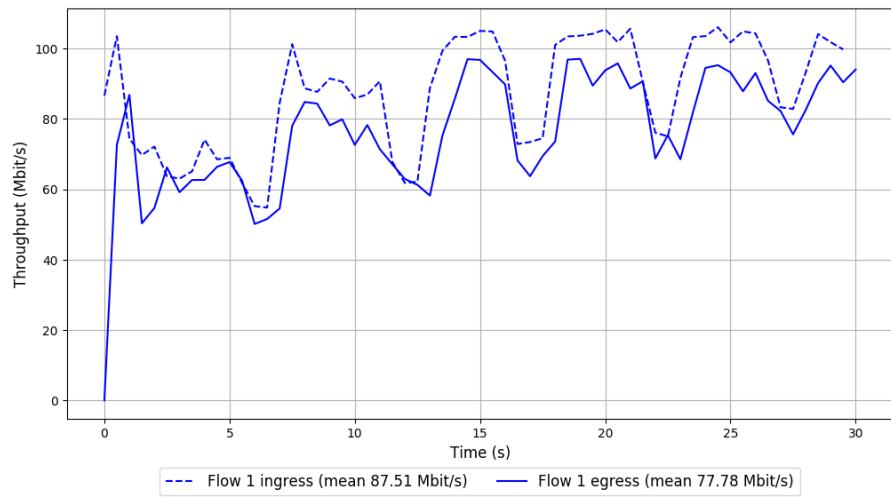


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-21 20:38:59
End at: 2018-08-21 20:39:29
Local clock offset: -3.843 ms
Remote clock offset: -62.539 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 22.525 ms
Loss rate: 11.11%
-- Flow 1:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 22.525 ms
Loss rate: 11.11%
```

Run 6: Report of TCP BBR — Data Link

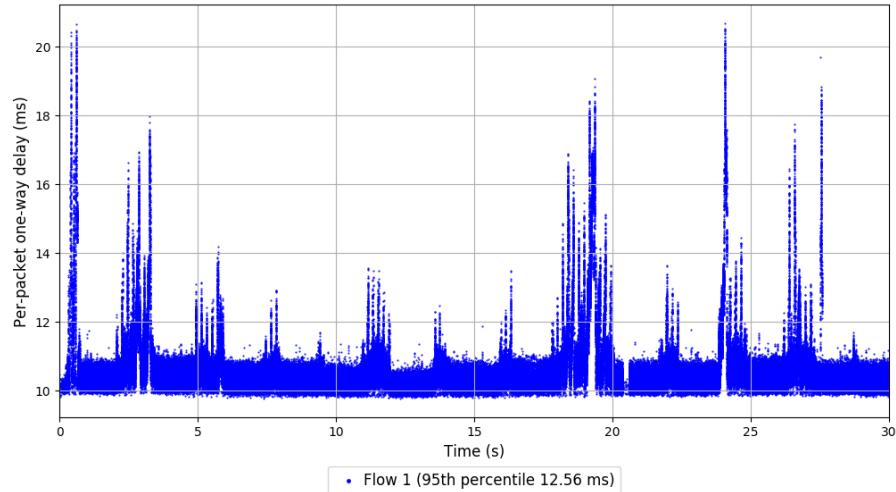
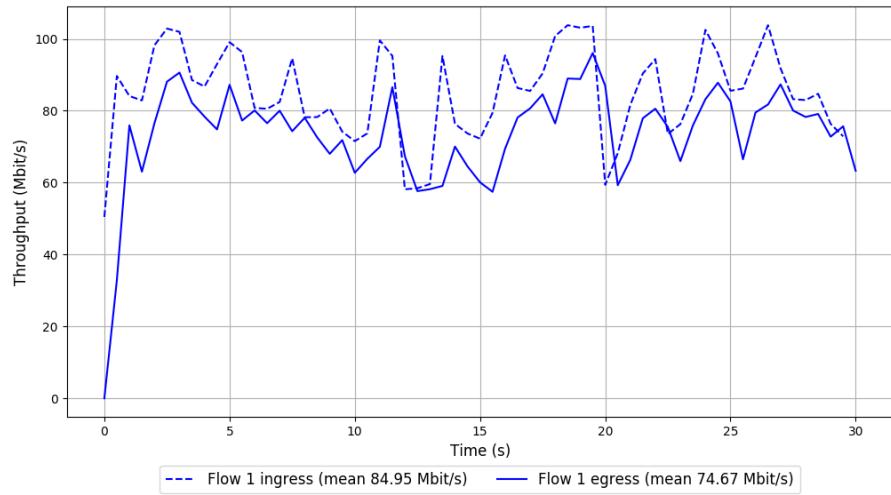


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-21 20:58:16
End at: 2018-08-21 20:58:46
Local clock offset: -1.088 ms
Remote clock offset: -61.503 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.67 Mbit/s
95th percentile per-packet one-way delay: 12.562 ms
Loss rate: 12.10%
-- Flow 1:
Average throughput: 74.67 Mbit/s
95th percentile per-packet one-way delay: 12.562 ms
Loss rate: 12.10%
```

Run 7: Report of TCP BBR — Data Link

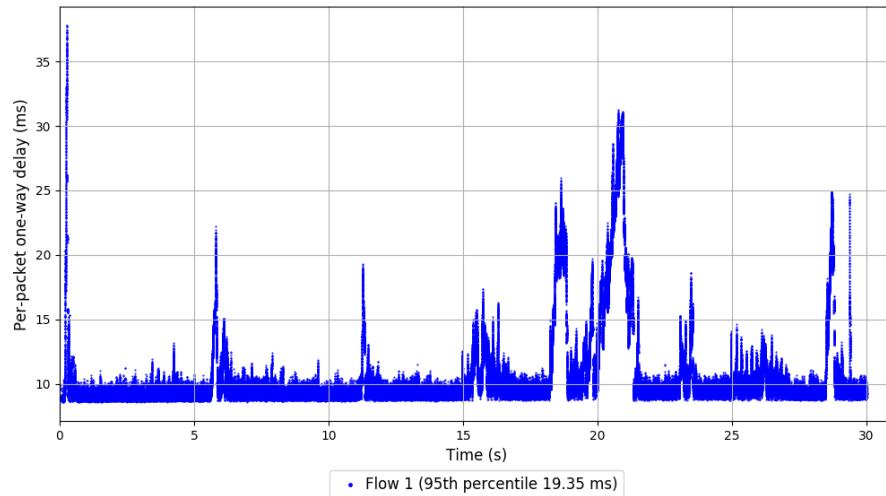
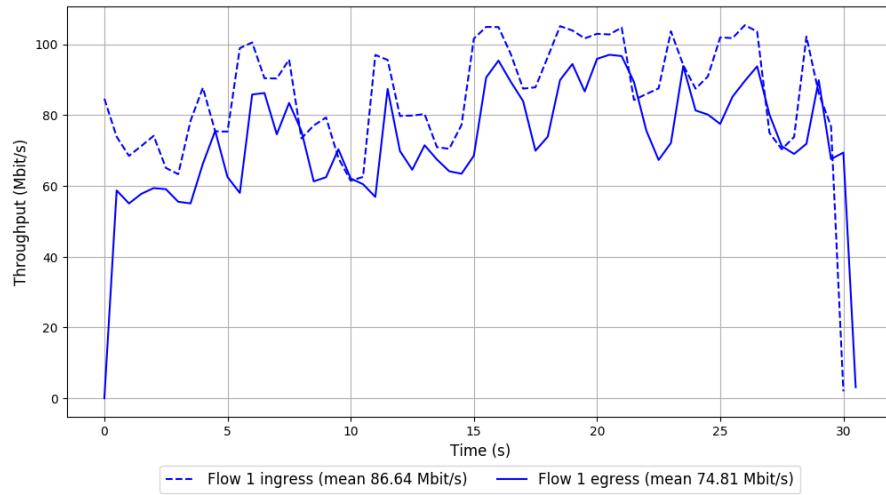


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-21 21:17:37
End at: 2018-08-21 21:18:07
Local clock offset: -0.952 ms
Remote clock offset: -61.441 ms

# Below is generated by plot.py at 2018-08-21 22:12:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 19.352 ms
Loss rate: 13.65%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 19.352 ms
Loss rate: 13.65%
```

Run 8: Report of TCP BBR — Data Link

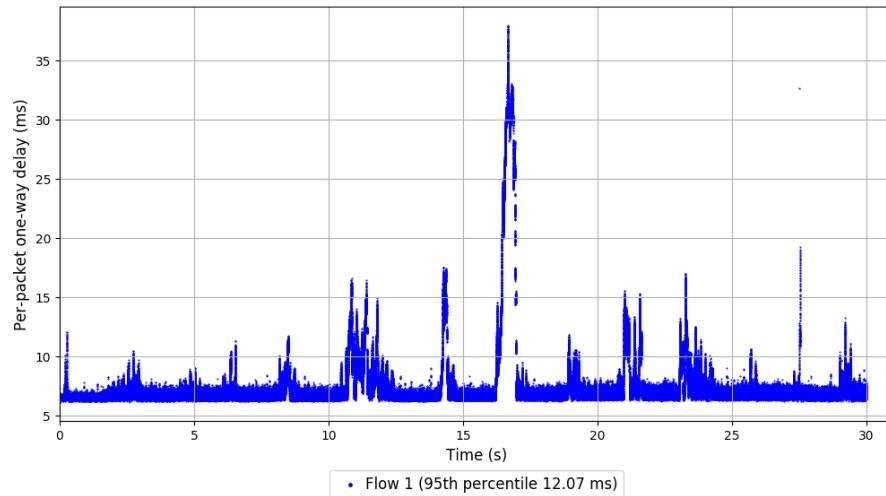
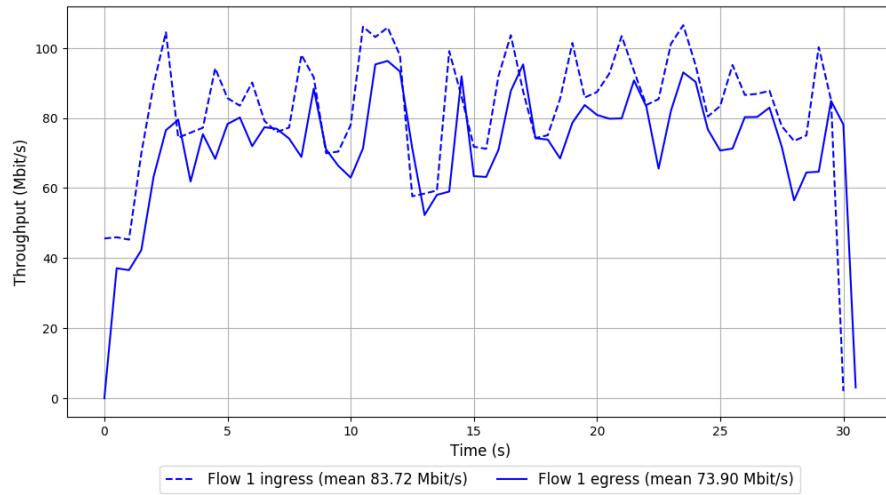


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-21 21:37:12
End at: 2018-08-21 21:37:42
Local clock offset: 0.651 ms
Remote clock offset: -65.407 ms

# Below is generated by plot.py at 2018-08-21 22:13:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 12.074 ms
Loss rate: 11.73%
-- Flow 1:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 12.074 ms
Loss rate: 11.73%
```

Run 9: Report of TCP BBR — Data Link

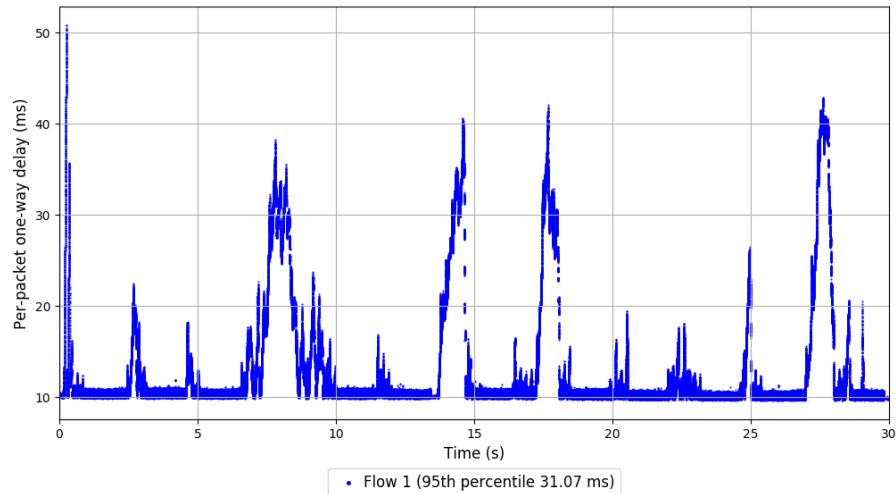
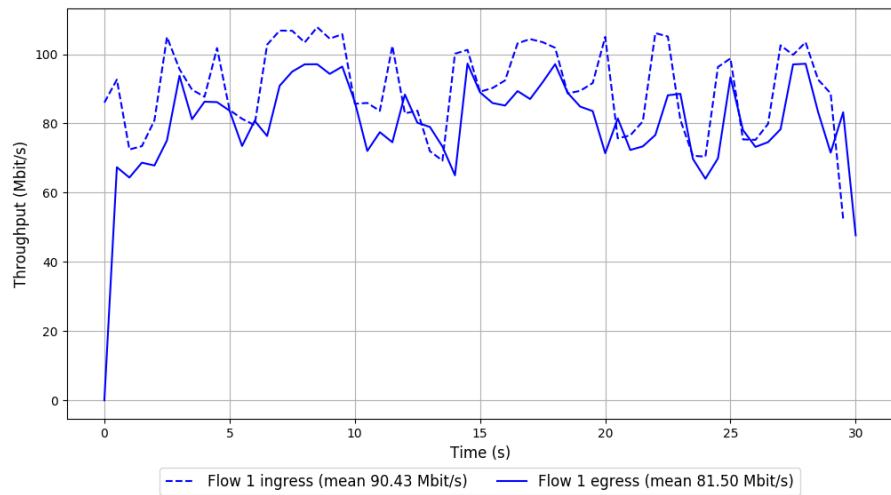


Run 10: Statistics of TCP BBR

```
Start at: 2018-08-21 21:56:37
End at: 2018-08-21 21:57:07
Local clock offset: -1.345 ms
Remote clock offset: -61.205 ms

# Below is generated by plot.py at 2018-08-21 22:13:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 31.068 ms
Loss rate: 9.96%
-- Flow 1:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 31.068 ms
Loss rate: 9.96%
```

Run 10: Report of TCP BBR — Data Link

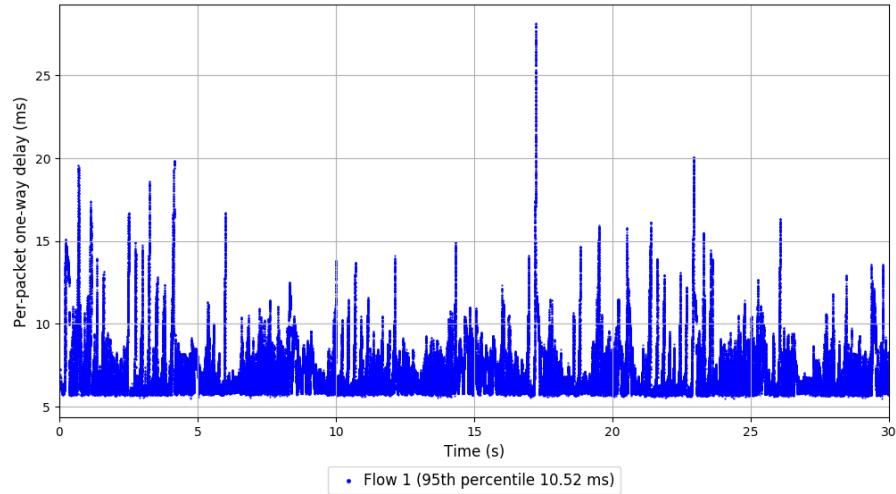
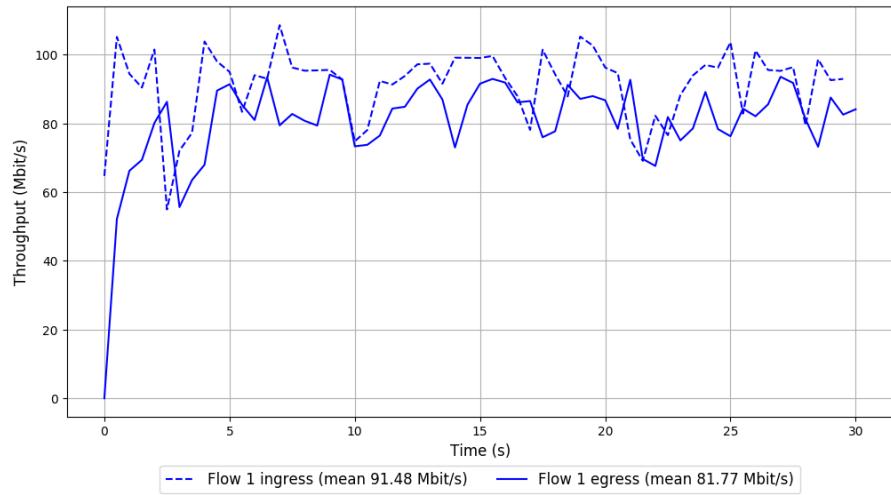


Run 1: Statistics of Copa

```
Start at: 2018-08-21 19:12:45
End at: 2018-08-21 19:13:15
Local clock offset: 2.871 ms
Remote clock offset: -63.122 ms

# Below is generated by plot.py at 2018-08-21 22:14:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 10.524 ms
Loss rate: 10.62%
-- Flow 1:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 10.524 ms
Loss rate: 10.62%
```

Run 1: Report of Copa — Data Link

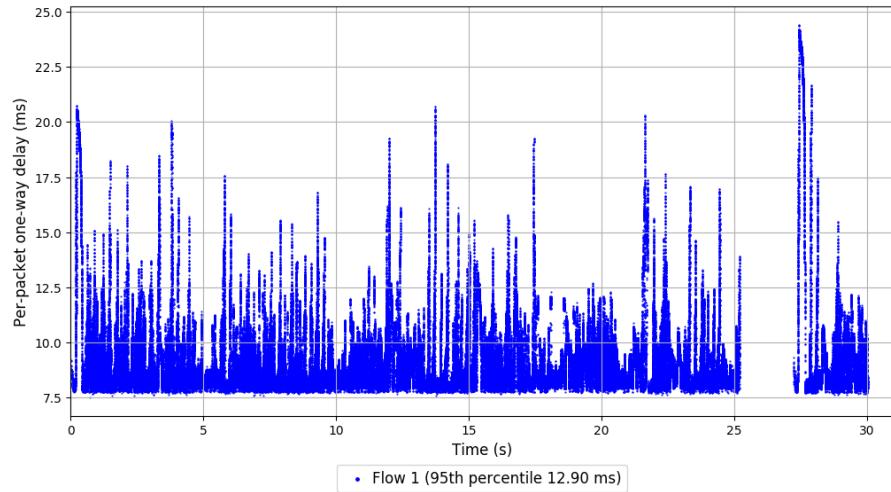
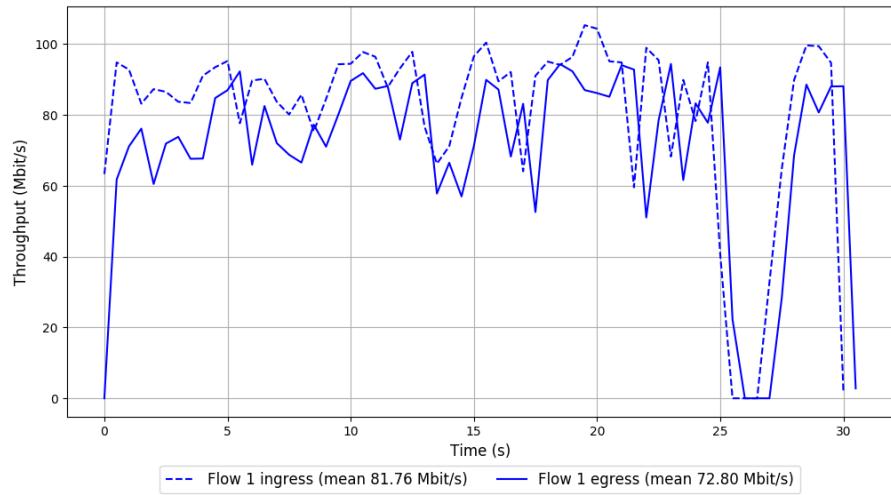


Run 2: Statistics of Copa

```
Start at: 2018-08-21 19:32:04
End at: 2018-08-21 19:32:34
Local clock offset: 0.366 ms
Remote clock offset: -61.452 ms

# Below is generated by plot.py at 2018-08-21 22:14:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.80 Mbit/s
95th percentile per-packet one-way delay: 12.903 ms
Loss rate: 10.96%
-- Flow 1:
Average throughput: 72.80 Mbit/s
95th percentile per-packet one-way delay: 12.903 ms
Loss rate: 10.96%
```

Run 2: Report of Copa — Data Link

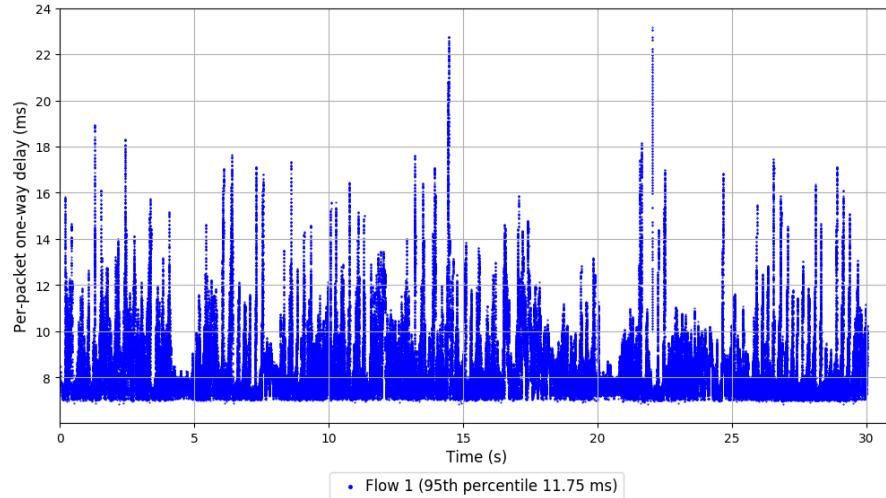
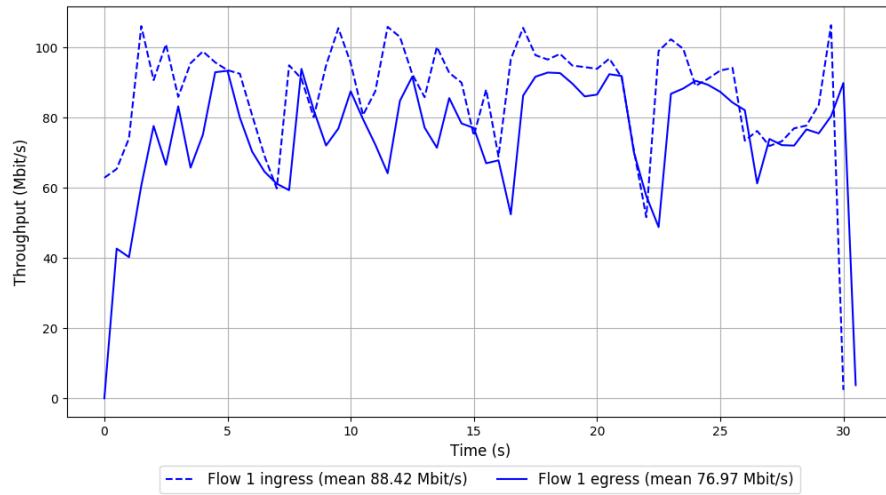


Run 3: Statistics of Copa

```
Start at: 2018-08-21 19:51:18
End at: 2018-08-21 19:51:48
Local clock offset: 0.705 ms
Remote clock offset: -63.042 ms

# Below is generated by plot.py at 2018-08-21 22:14:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.97 Mbit/s
95th percentile per-packet one-way delay: 11.747 ms
Loss rate: 12.95%
-- Flow 1:
Average throughput: 76.97 Mbit/s
95th percentile per-packet one-way delay: 11.747 ms
Loss rate: 12.95%
```

Run 3: Report of Copa — Data Link

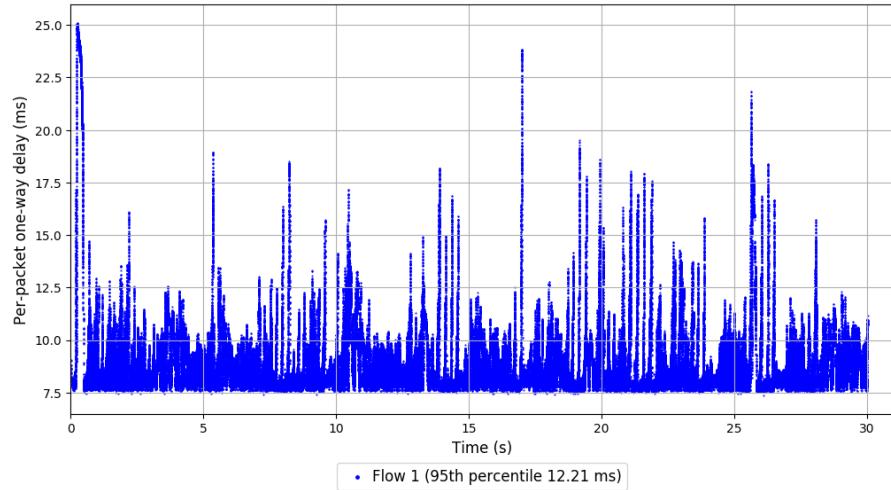
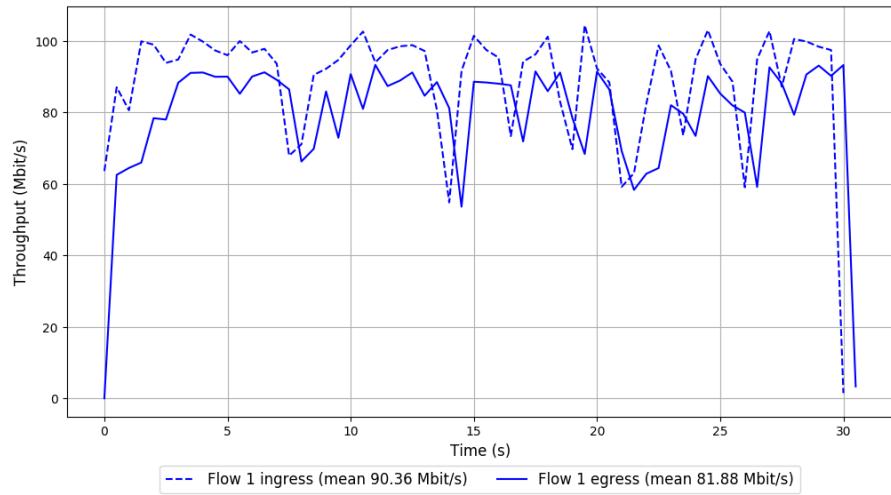


Run 4: Statistics of Copa

```
Start at: 2018-08-21 20:10:30
End at: 2018-08-21 20:11:00
Local clock offset: 0.78 ms
Remote clock offset: -62.24 ms

# Below is generated by plot.py at 2018-08-21 22:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 12.206 ms
Loss rate: 9.38%
-- Flow 1:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 12.206 ms
Loss rate: 9.38%
```

Run 4: Report of Copa — Data Link

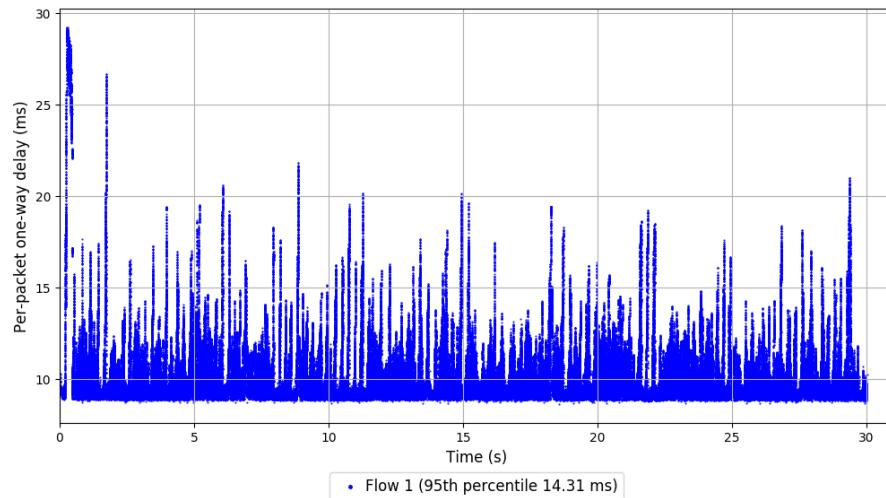
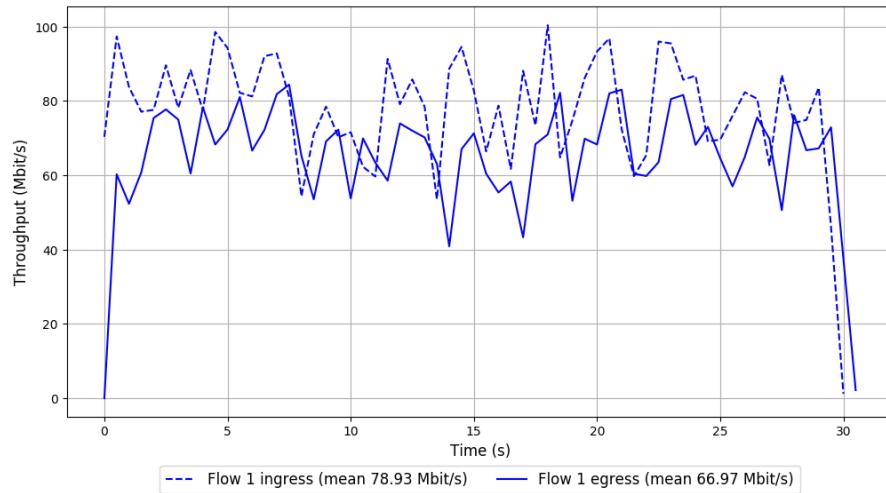


Run 5: Statistics of Copa

```
Start at: 2018-08-21 20:29:47
End at: 2018-08-21 20:30:17
Local clock offset: -2.308 ms
Remote clock offset: -63.106 ms

# Below is generated by plot.py at 2018-08-21 22:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.97 Mbit/s
95th percentile per-packet one-way delay: 14.306 ms
Loss rate: 15.15%
-- Flow 1:
Average throughput: 66.97 Mbit/s
95th percentile per-packet one-way delay: 14.306 ms
Loss rate: 15.15%
```

Run 5: Report of Copa — Data Link

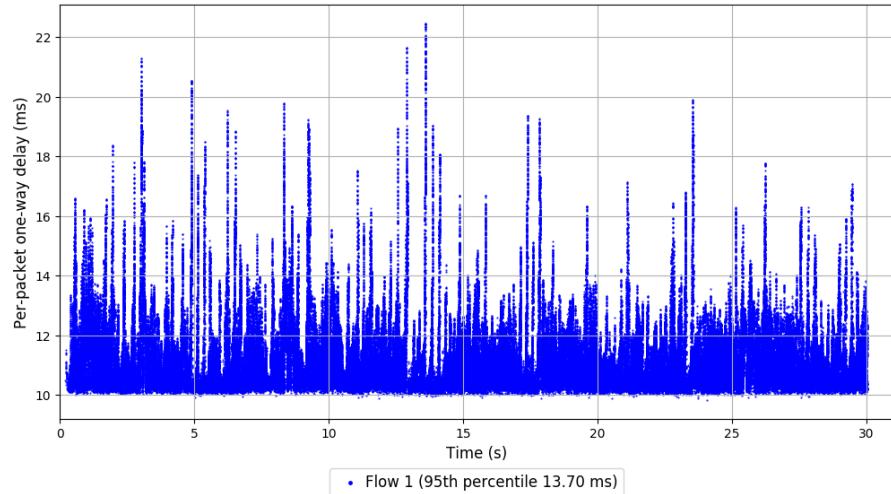
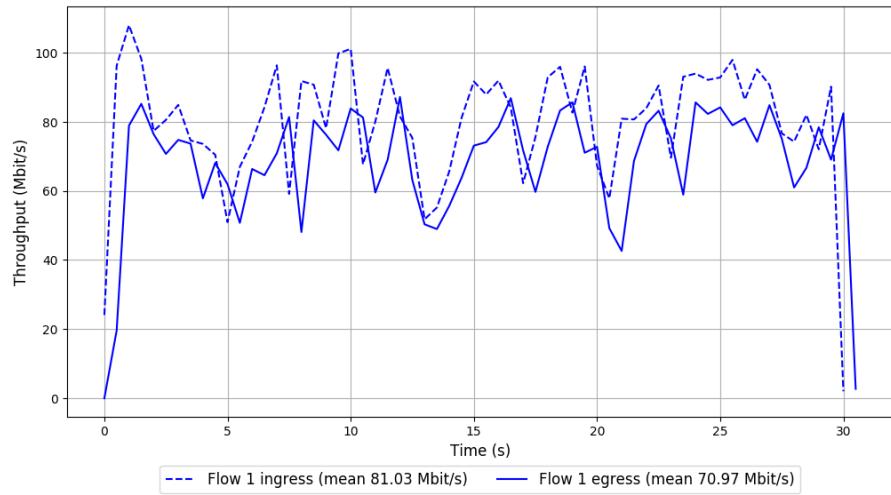


Run 6: Statistics of Copa

```
Start at: 2018-08-21 20:49:07
End at: 2018-08-21 20:49:37
Local clock offset: -1.994 ms
Remote clock offset: -62.327 ms

# Below is generated by plot.py at 2018-08-21 22:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.97 Mbit/s
95th percentile per-packet one-way delay: 13.703 ms
Loss rate: 13.00%
-- Flow 1:
Average throughput: 70.97 Mbit/s
95th percentile per-packet one-way delay: 13.703 ms
Loss rate: 13.00%
```

Run 6: Report of Copa — Data Link

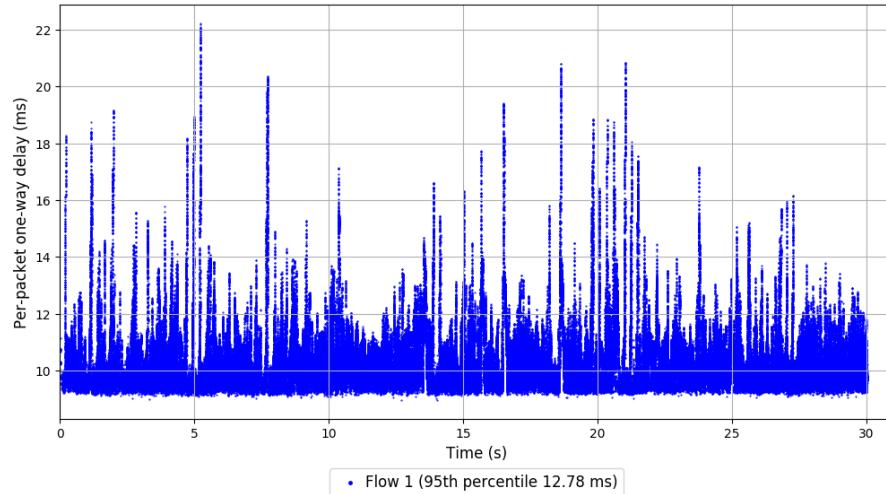
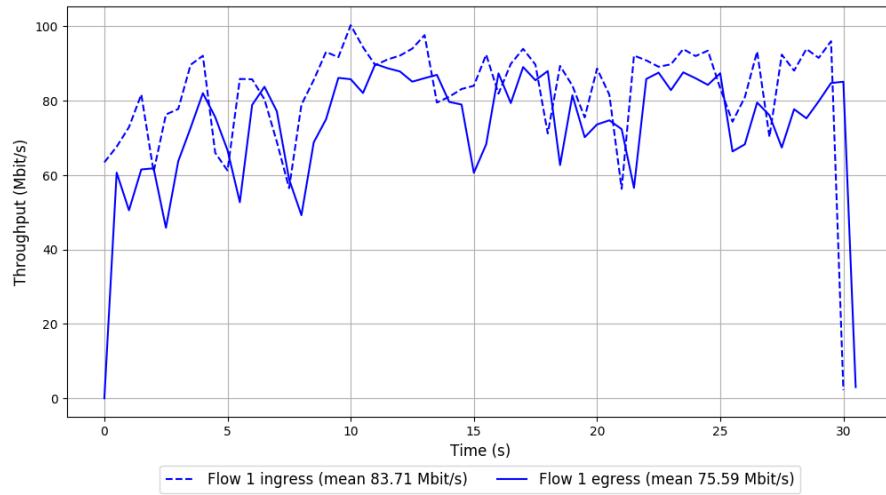


Run 7: Statistics of Copa

```
Start at: 2018-08-21 21:08:31
End at: 2018-08-21 21:09:01
Local clock offset: -0.136 ms
Remote clock offset: -61.024 ms

# Below is generated by plot.py at 2018-08-21 22:15:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.59 Mbit/s
95th percentile per-packet one-way delay: 12.776 ms
Loss rate: 9.70%
-- Flow 1:
Average throughput: 75.59 Mbit/s
95th percentile per-packet one-way delay: 12.776 ms
Loss rate: 9.70%
```

Run 7: Report of Copa — Data Link

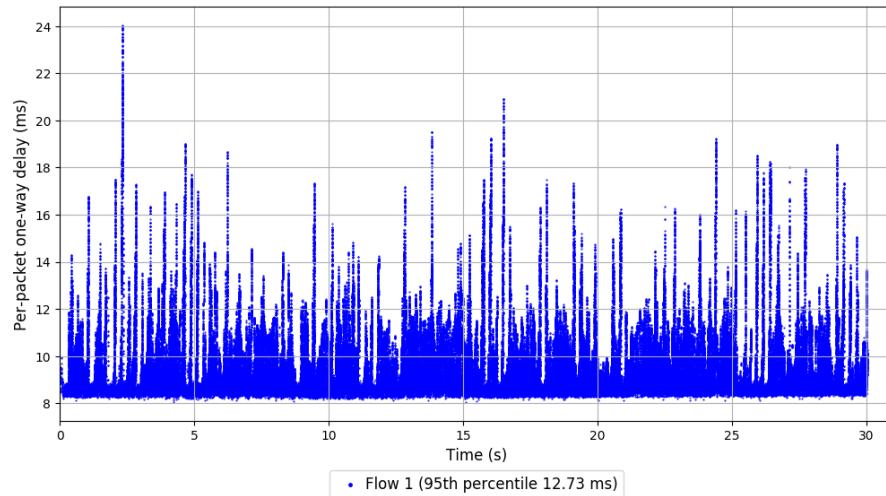
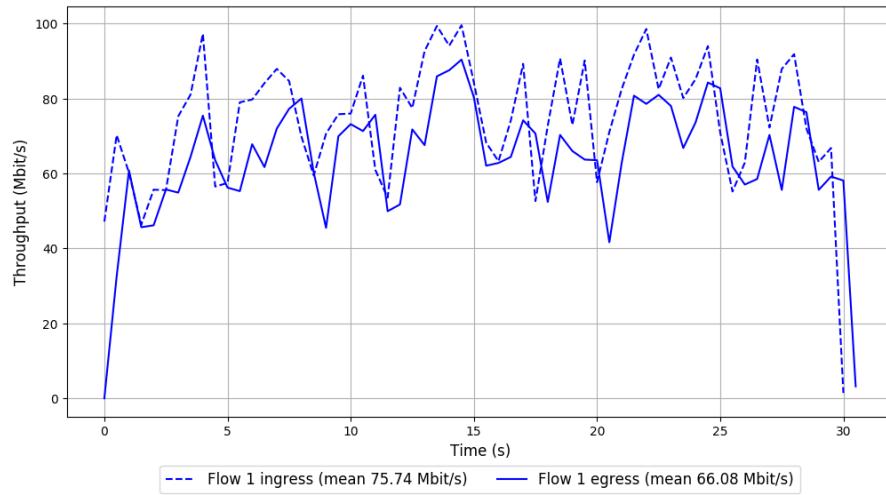


Run 8: Statistics of Copa

```
Start at: 2018-08-21 21:28:00
End at: 2018-08-21 21:28:30
Local clock offset: -0.012 ms
Remote clock offset: -64.009 ms

# Below is generated by plot.py at 2018-08-21 22:15:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 12.75%
-- Flow 1:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 12.75%
```

Run 8: Report of Copa — Data Link

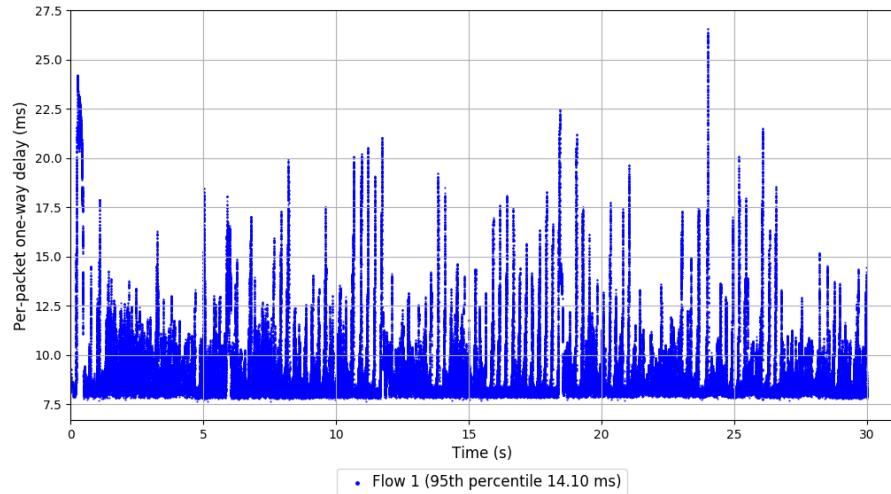
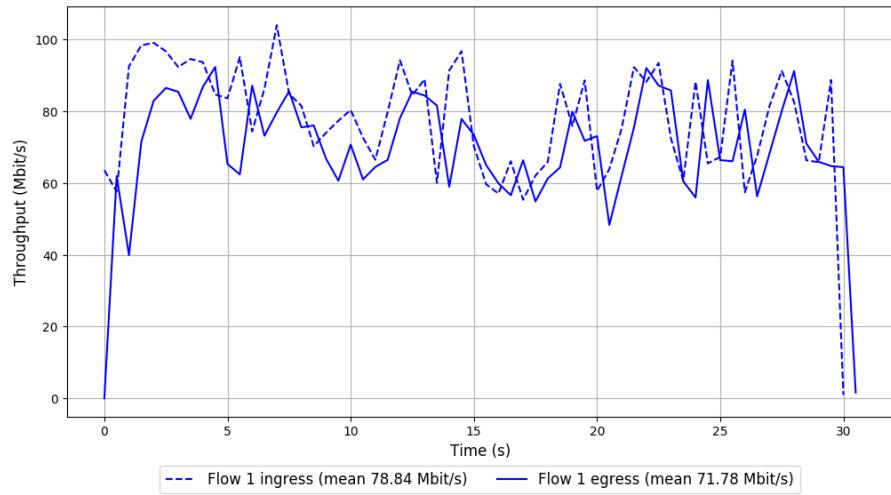


Run 9: Statistics of Copa

```
Start at: 2018-08-21 21:47:30
End at: 2018-08-21 21:48:00
Local clock offset: -0.219 ms
Remote clock offset: -65.846 ms

# Below is generated by plot.py at 2018-08-21 22:15:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 8.96%
-- Flow 1:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 8.96%
```

Run 9: Report of Copa — Data Link

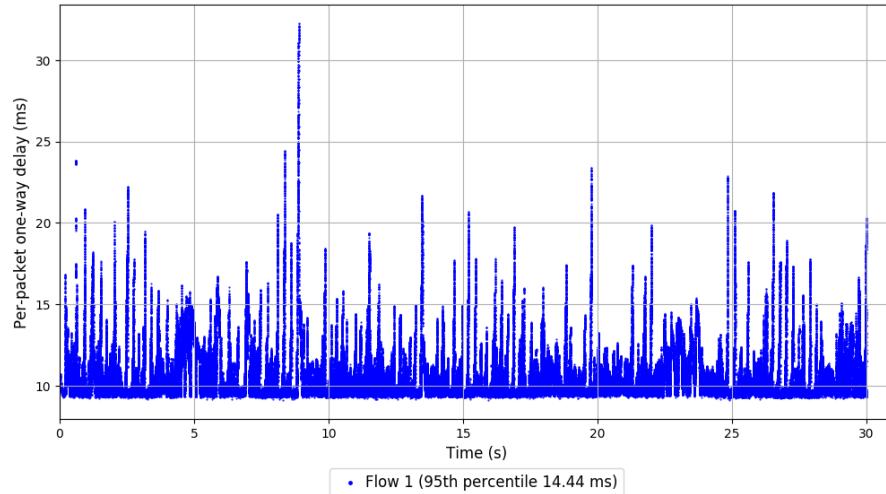
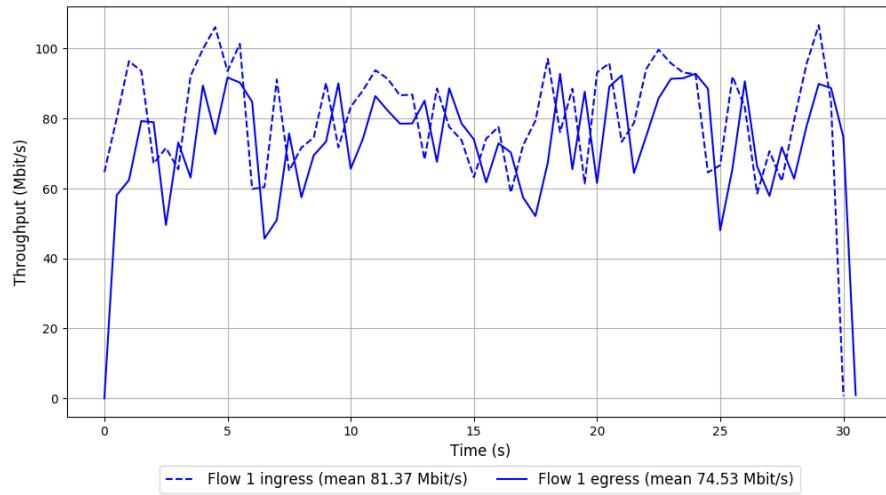


Run 10: Statistics of Copa

```
Start at: 2018-08-21 22:06:37
End at: 2018-08-21 22:07:07
Local clock offset: -1.63 ms
Remote clock offset: -58.757 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 8.41%
-- Flow 1:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 8.41%
```

Run 10: Report of Copa — Data Link

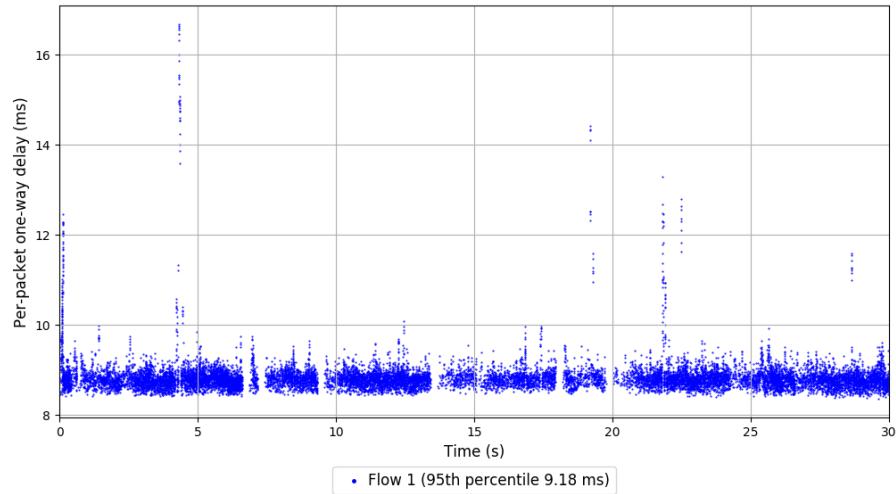
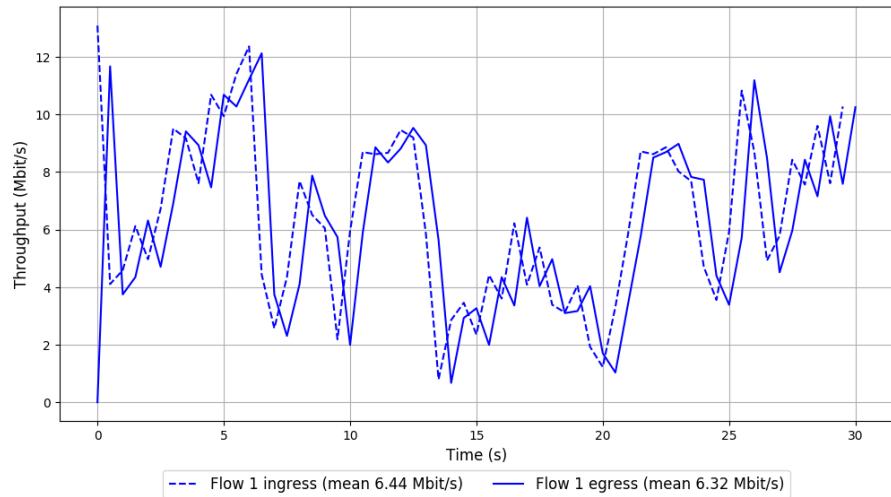


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-21 19:10:32
End at: 2018-08-21 19:11:02
Local clock offset: -1.089 ms
Remote clock offset: -63.682 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 9.175 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 9.175 ms
Loss rate: 1.90%
```

Run 1: Report of TCP Cubic — Data Link

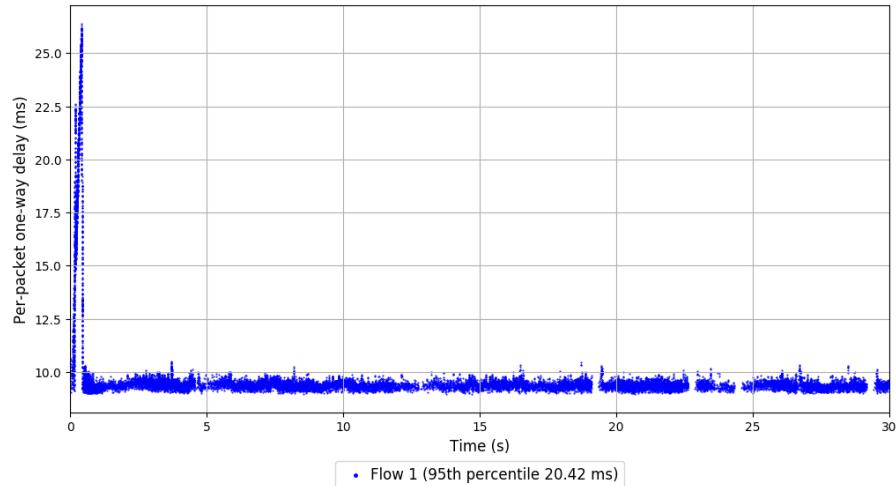
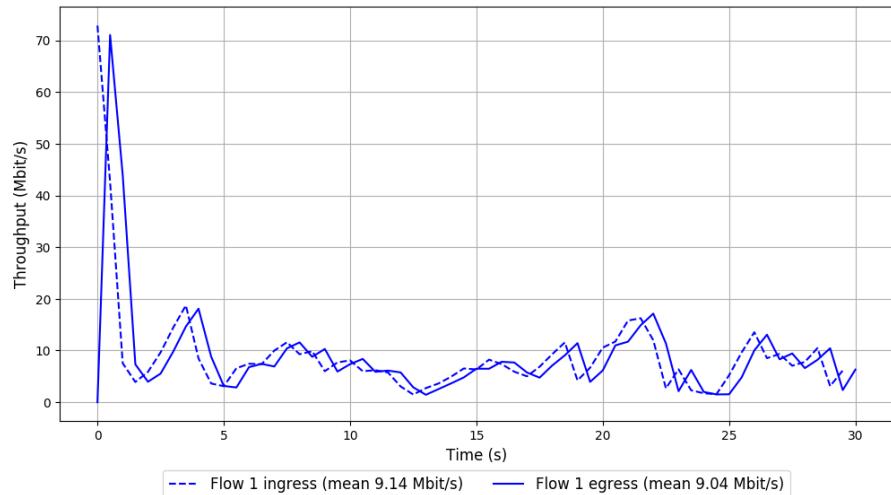


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-21 19:29:50
End at: 2018-08-21 19:30:20
Local clock offset: -0.935 ms
Remote clock offset: -62.513 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 20.421 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 20.421 ms
Loss rate: 1.18%
```

Run 2: Report of TCP Cubic — Data Link

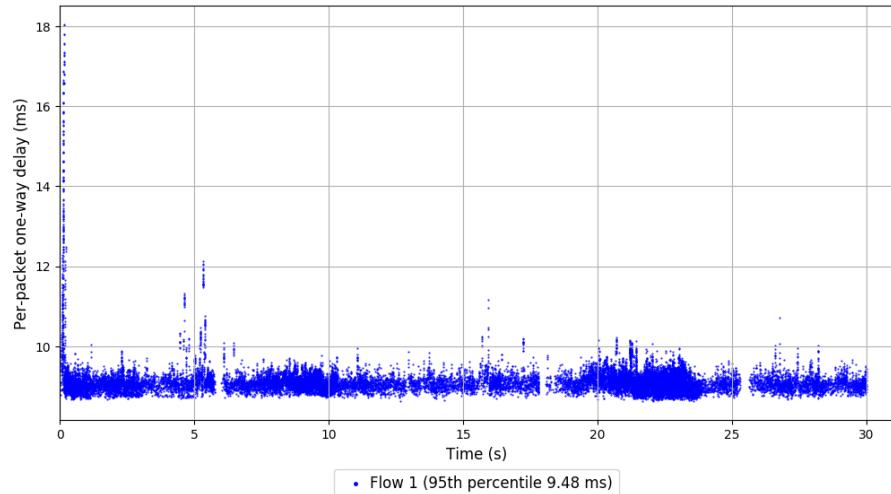
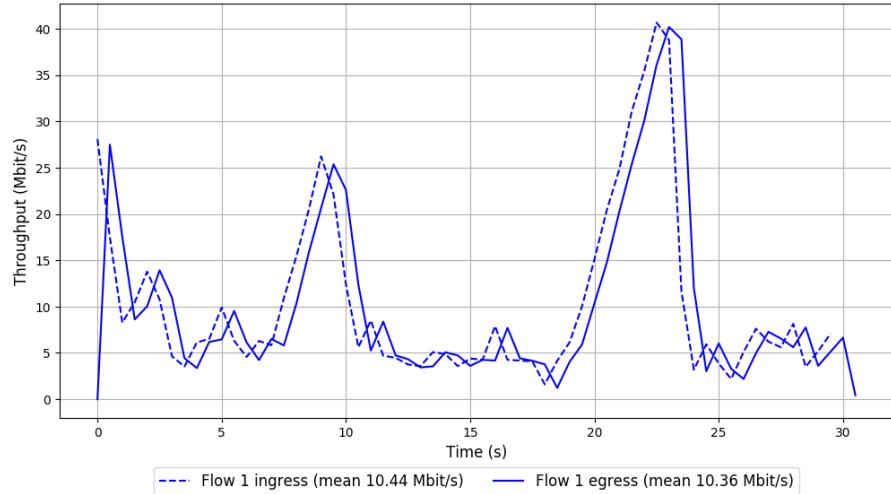


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-21 19:49:08
End at: 2018-08-21 19:49:38
Local clock offset: -0.217 ms
Remote clock offset: -62.312 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.36 Mbit/s
95th percentile per-packet one-way delay: 9.480 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 10.36 Mbit/s
95th percentile per-packet one-way delay: 9.480 ms
Loss rate: 0.85%
```

Run 3: Report of TCP Cubic — Data Link

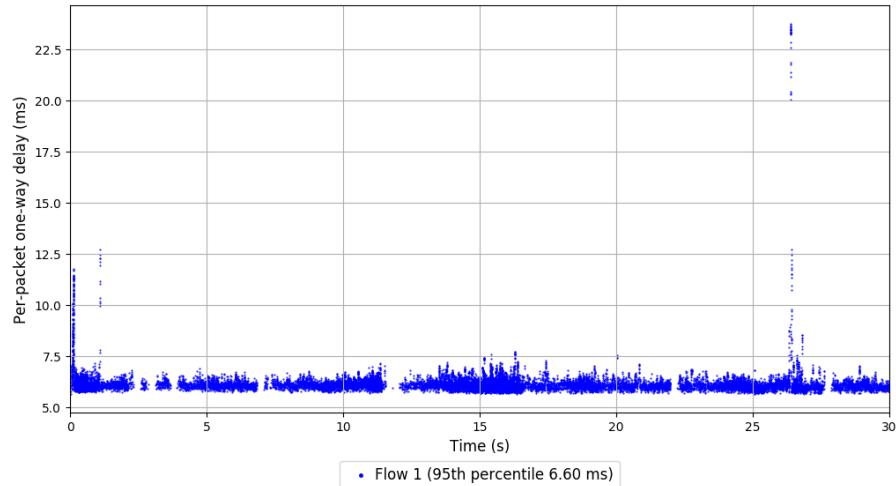
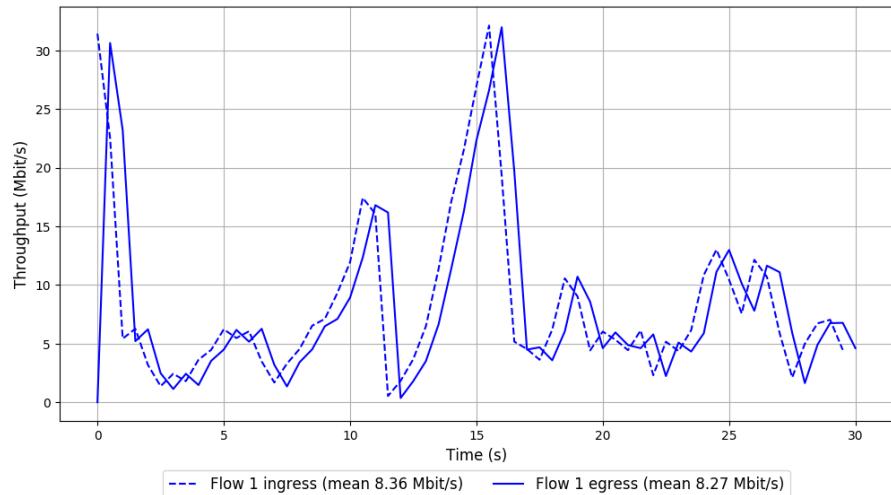


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-21 20:08:16
End at: 2018-08-21 20:08:46
Local clock offset: 2.04 ms
Remote clock offset: -62.272 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 6.603 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 6.603 ms
Loss rate: 1.18%
```

Run 4: Report of TCP Cubic — Data Link

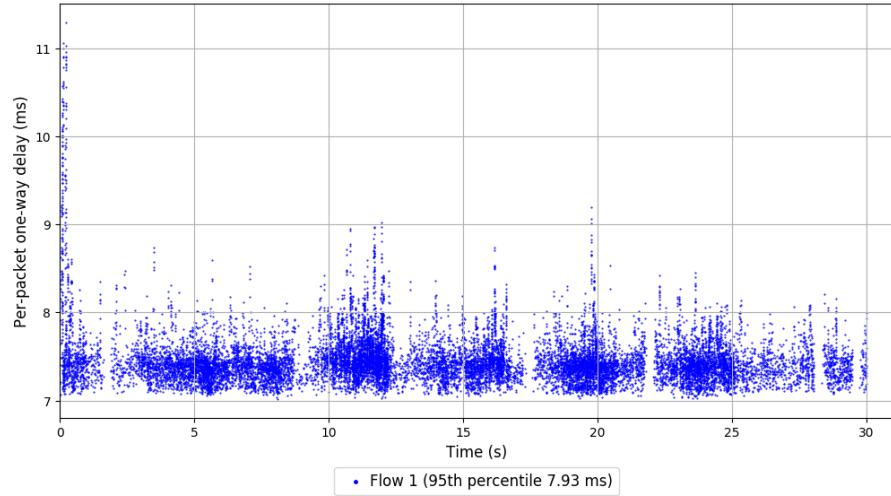
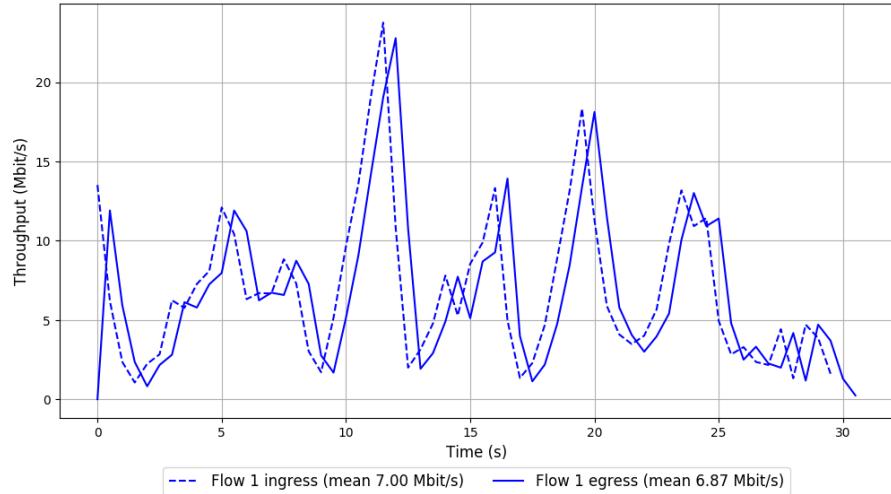


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-21 20:27:38
End at: 2018-08-21 20:28:08
Local clock offset: 0.389 ms
Remote clock offset: -62.308 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 7.935 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 7.935 ms
Loss rate: 1.90%
```

Run 5: Report of TCP Cubic — Data Link

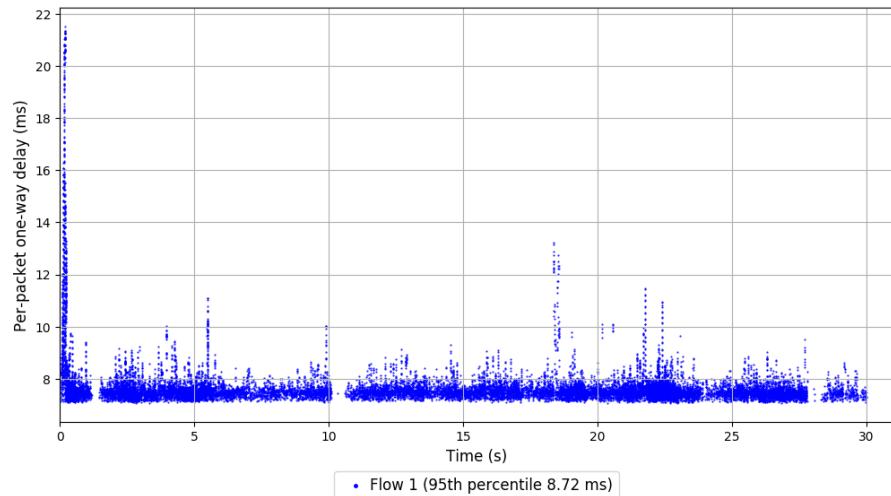
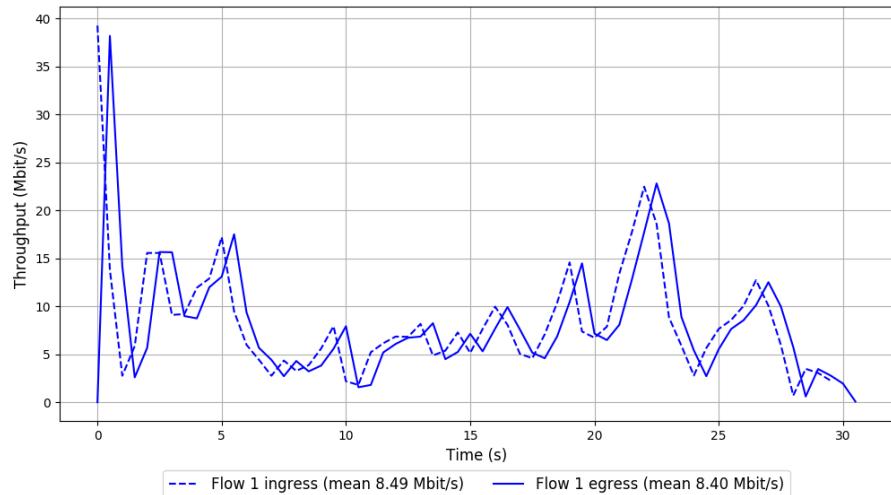


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-21 20:46:58
End at: 2018-08-21 20:47:28
Local clock offset: -0.507 ms
Remote clock offset: -62.976 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 8.725 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 8.725 ms
Loss rate: 1.11%
```

Run 6: Report of TCP Cubic — Data Link

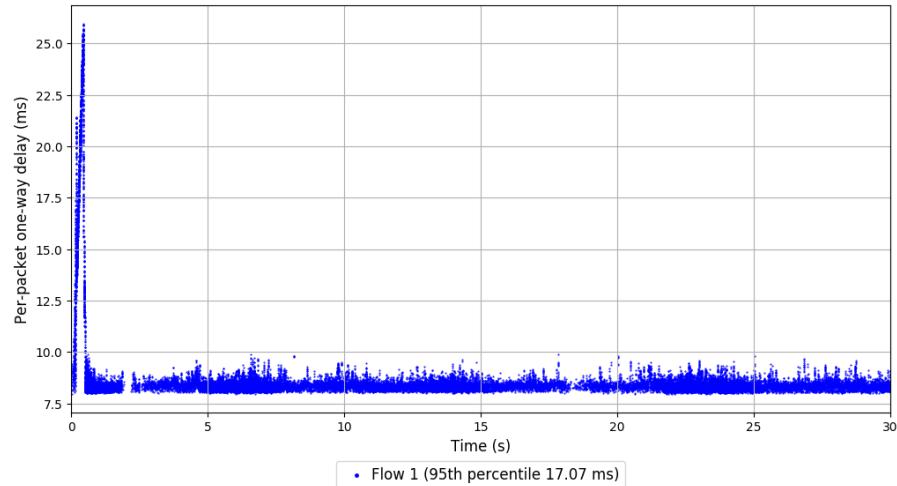
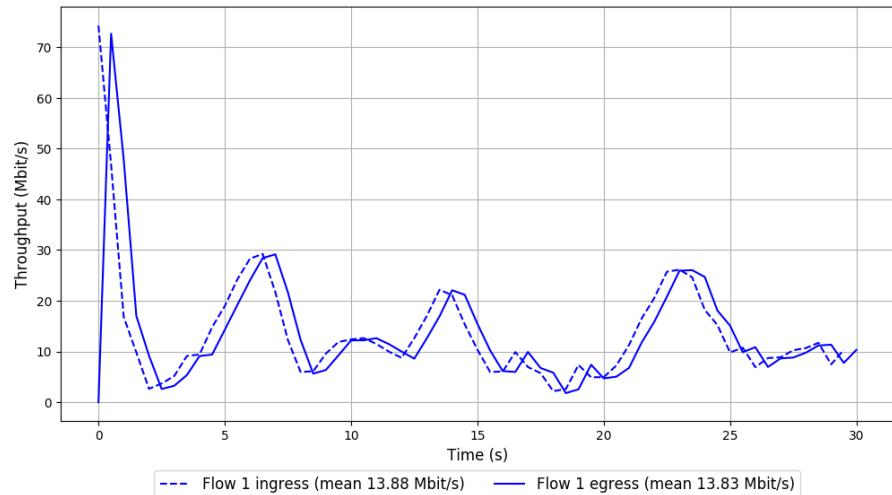


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-21 21:06:21
End at: 2018-08-21 21:06:51
Local clock offset: 0.758 ms
Remote clock offset: -61.32 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 17.070 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 17.070 ms
Loss rate: 0.40%
```

Run 7: Report of TCP Cubic — Data Link

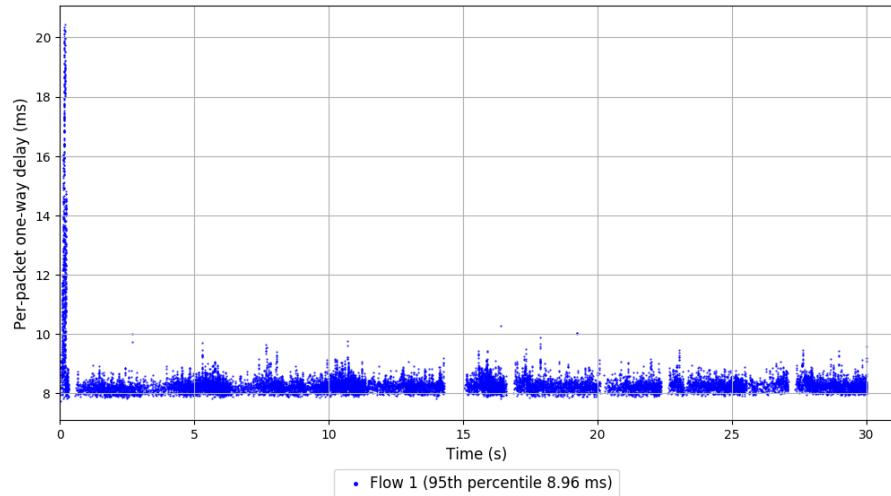
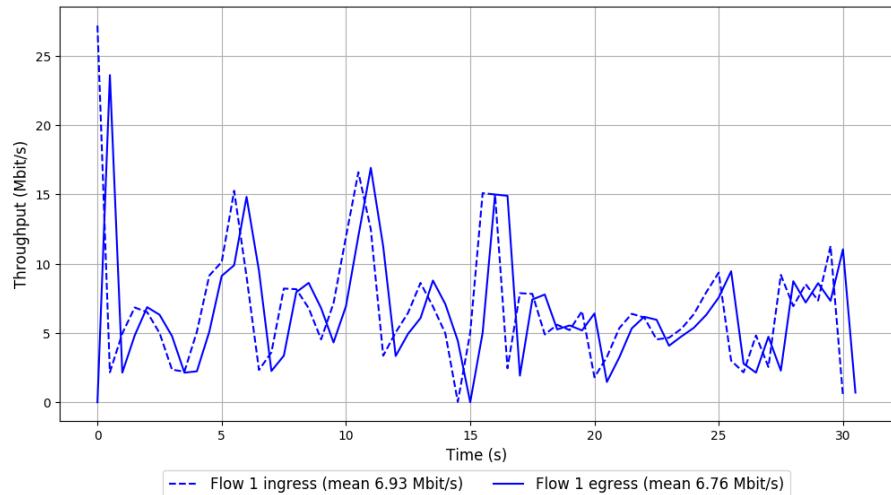


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-21 21:25:50
End at: 2018-08-21 21:26:20
Local clock offset: -0.24 ms
Remote clock offset: -63.47 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 8.957 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 8.957 ms
Loss rate: 2.41%
```

Run 8: Report of TCP Cubic — Data Link

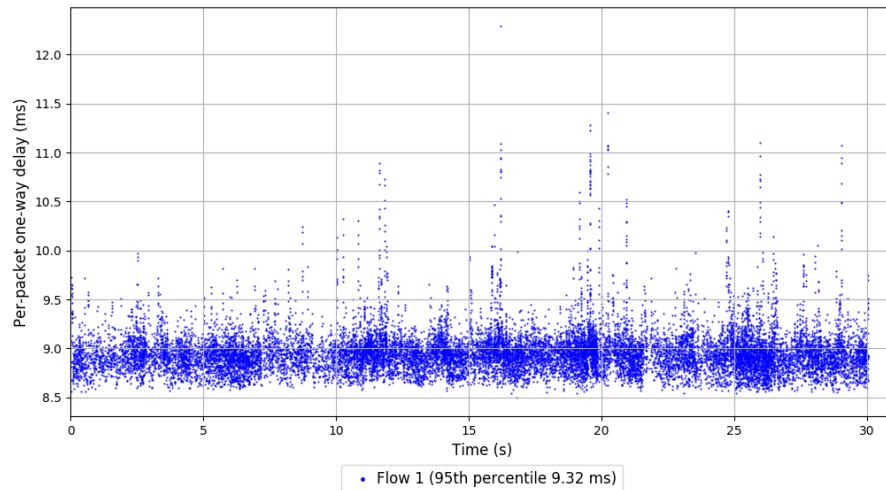
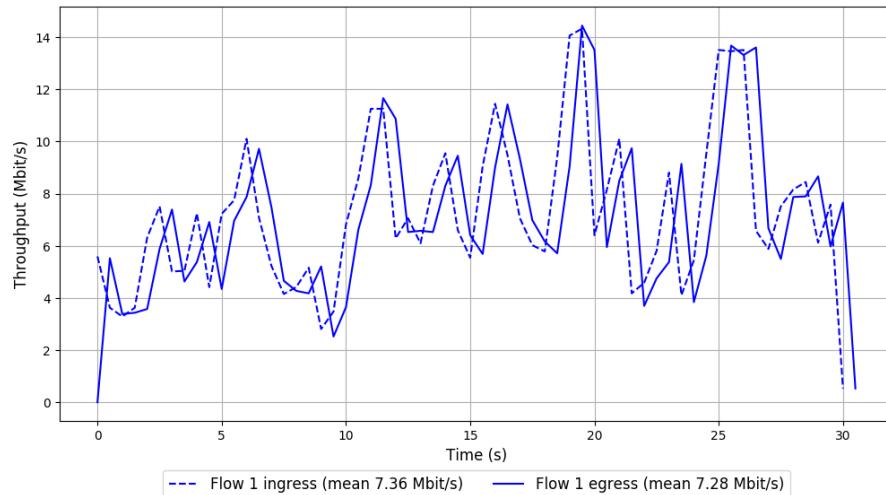


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-21 21:45:20
End at: 2018-08-21 21:45:50
Local clock offset: -0.479 ms
Remote clock offset: -65.292 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 9.325 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 9.325 ms
Loss rate: 1.08%
```

Run 9: Report of TCP Cubic — Data Link

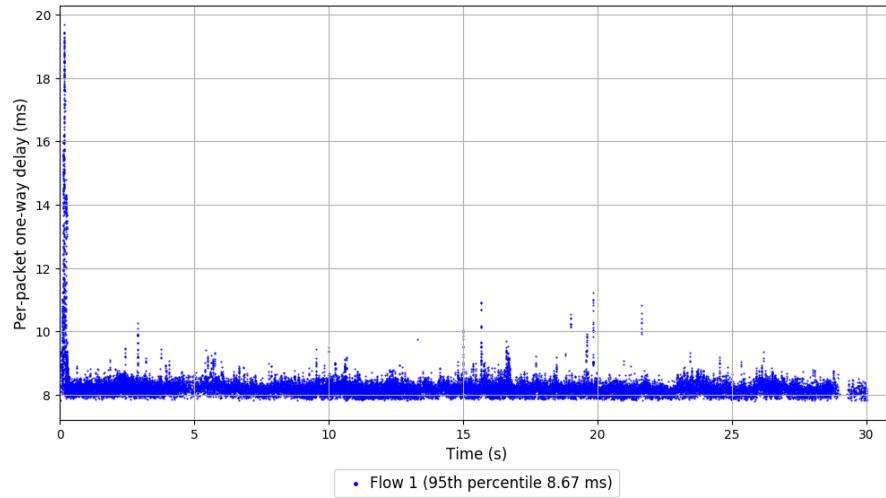
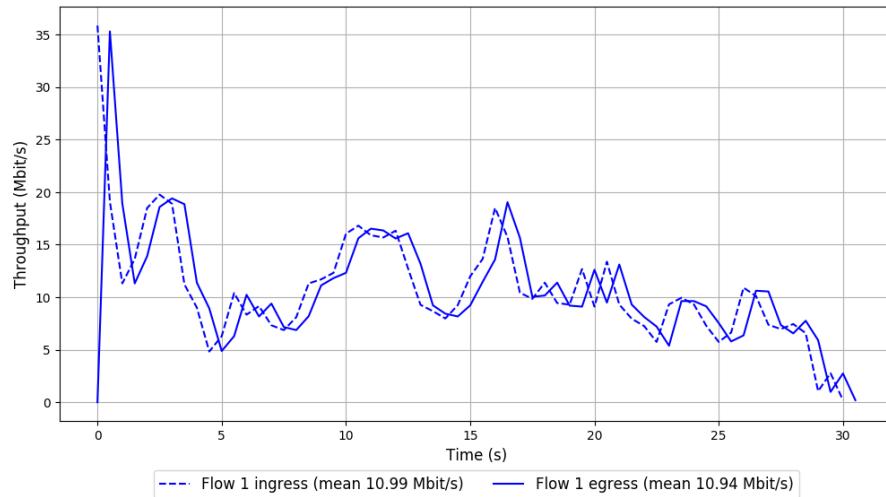


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-08-21 22:04:28
End at: 2018-08-21 22:04:58
Local clock offset: -1.079 ms
Remote clock offset: -59.257 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 8.667 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 8.667 ms
Loss rate: 0.43%
```

Run 10: Report of TCP Cubic — Data Link

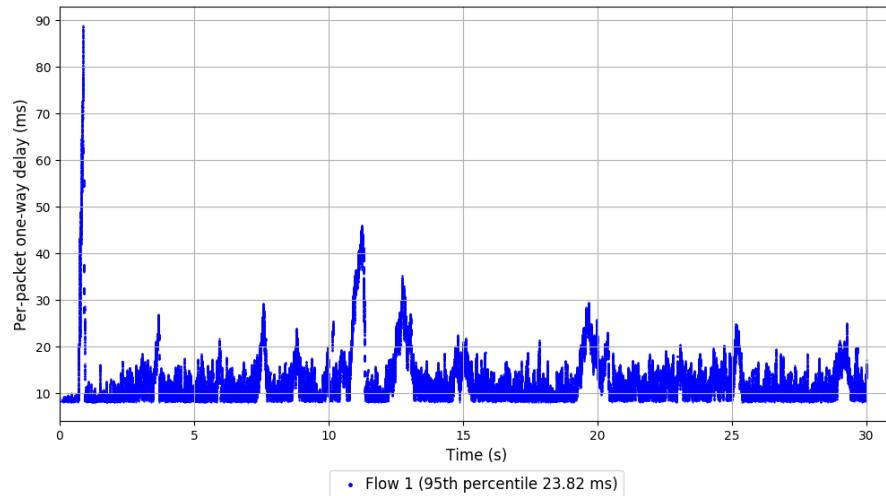
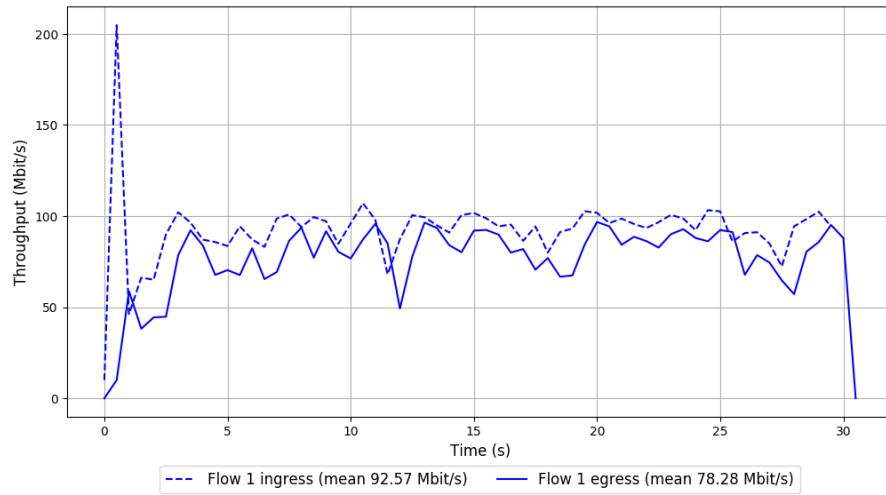


```
Run 1: Statistics of FillP

Start at: 2018-08-21 18:59:07
End at: 2018-08-21 18:59:37
Local clock offset: -1.033 ms
Remote clock offset: -66.251 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.28 Mbit/s
95th percentile per-packet one-way delay: 23.819 ms
Loss rate: 15.41%
-- Flow 1:
Average throughput: 78.28 Mbit/s
95th percentile per-packet one-way delay: 23.819 ms
Loss rate: 15.41%
```

Run 1: Report of FillP — Data Link

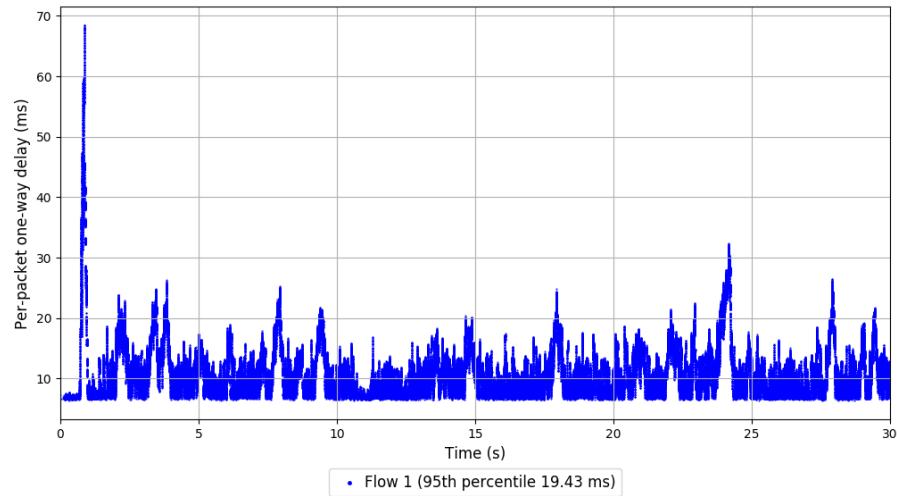
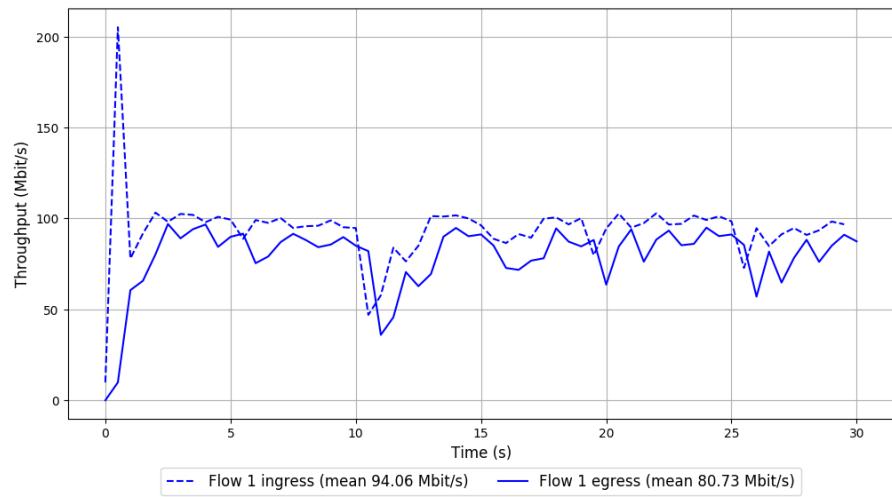


Run 2: Statistics of FillP

```
Start at: 2018-08-21 19:18:31
End at: 2018-08-21 19:19:01
Local clock offset: 1.353 ms
Remote clock offset: -62.328 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 19.431 ms
Loss rate: 14.16%
-- Flow 1:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 19.431 ms
Loss rate: 14.16%
```

Run 2: Report of FillP — Data Link

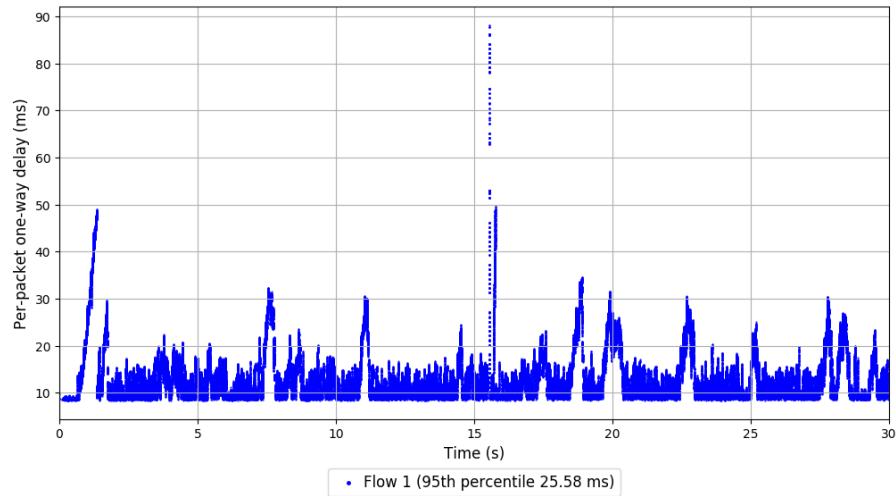
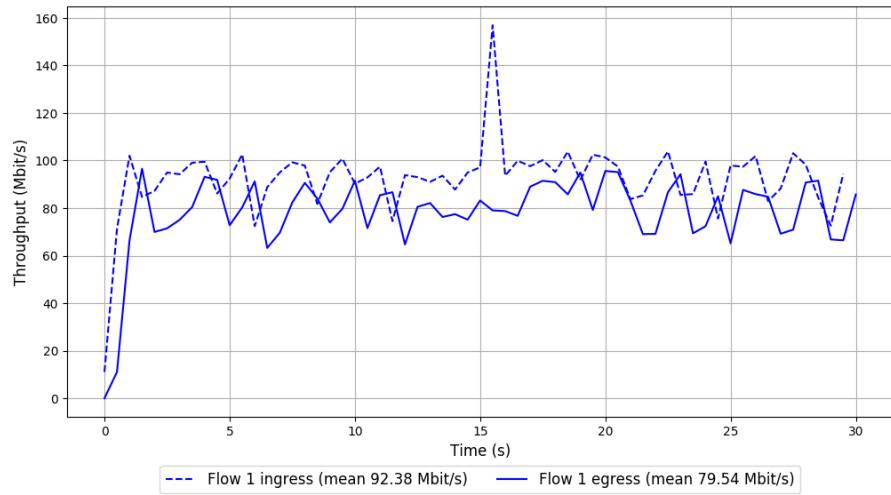


Run 3: Statistics of FillP

```
Start at: 2018-08-21 19:37:46
End at: 2018-08-21 19:38:16
Local clock offset: -0.268 ms
Remote clock offset: -62.38 ms

# Below is generated by plot.py at 2018-08-21 22:15:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 25.582 ms
Loss rate: 13.90%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 25.582 ms
Loss rate: 13.90%
```

Run 3: Report of FillP — Data Link

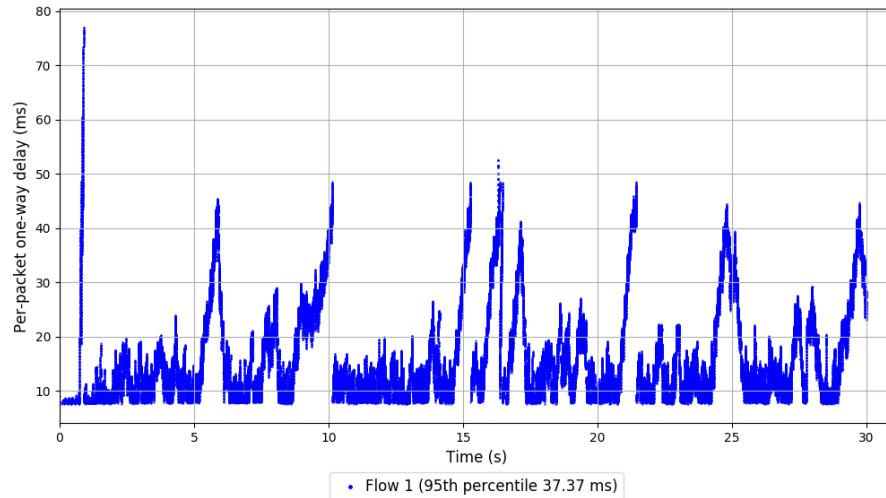
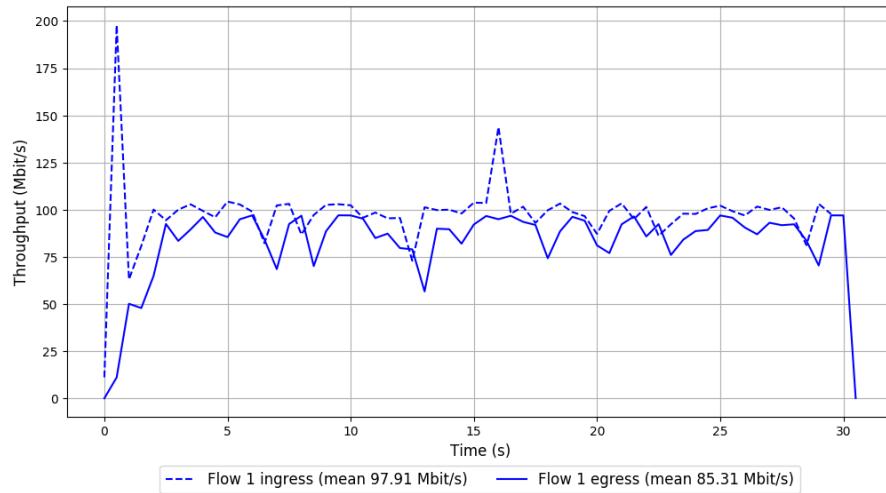


Run 4: Statistics of FillP

```
Start at: 2018-08-21 19:56:58
End at: 2018-08-21 19:57:28
Local clock offset: 0.78 ms
Remote clock offset: -62.049 ms

# Below is generated by plot.py at 2018-08-21 22:16:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 12.82%
```

Run 4: Report of FillP — Data Link

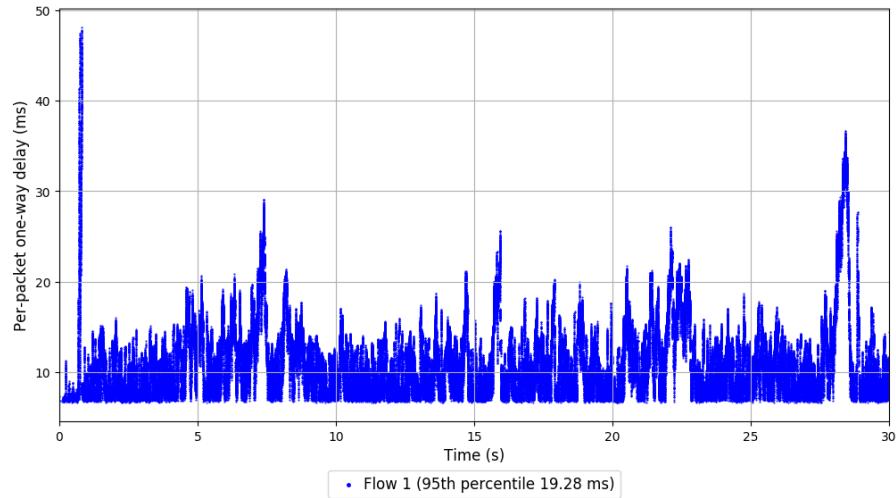
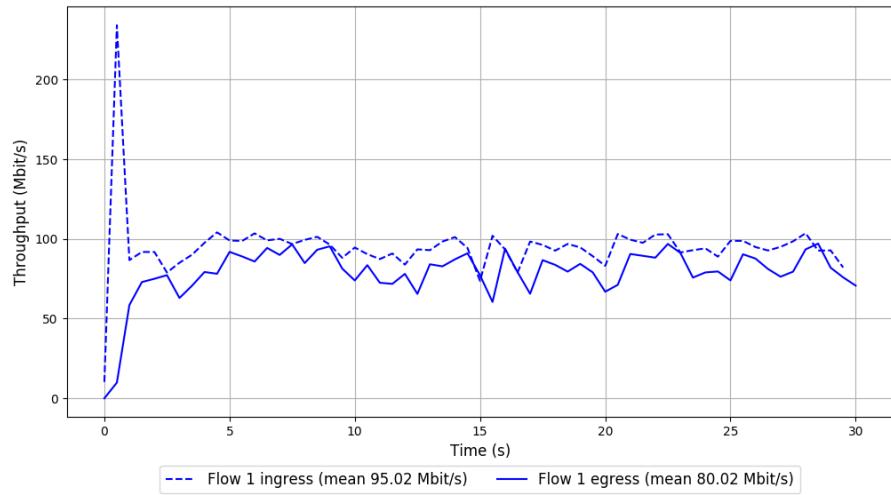


Run 5: Statistics of FillP

```
Start at: 2018-08-21 20:16:09
End at: 2018-08-21 20:16:39
Local clock offset: 0.454 ms
Remote clock offset: -62.896 ms

# Below is generated by plot.py at 2018-08-21 22:16:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 19.283 ms
Loss rate: 15.76%
-- Flow 1:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 19.283 ms
Loss rate: 15.76%
```

Run 5: Report of FillP — Data Link

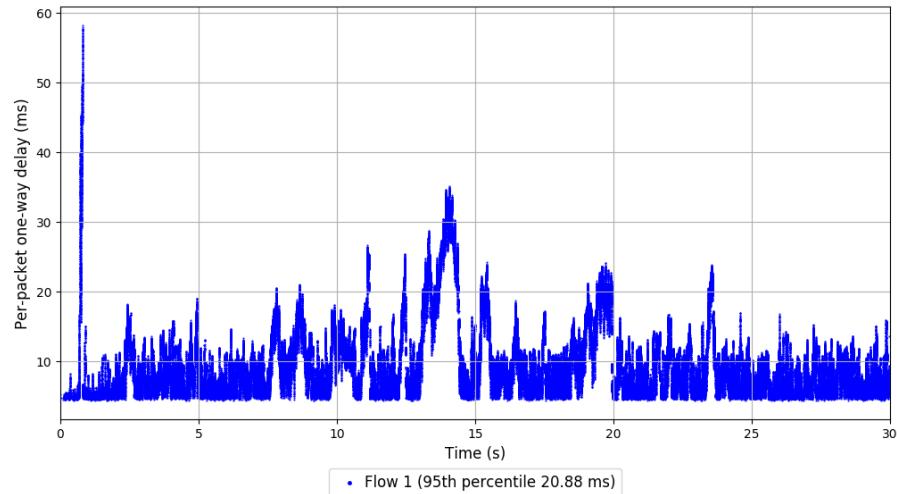
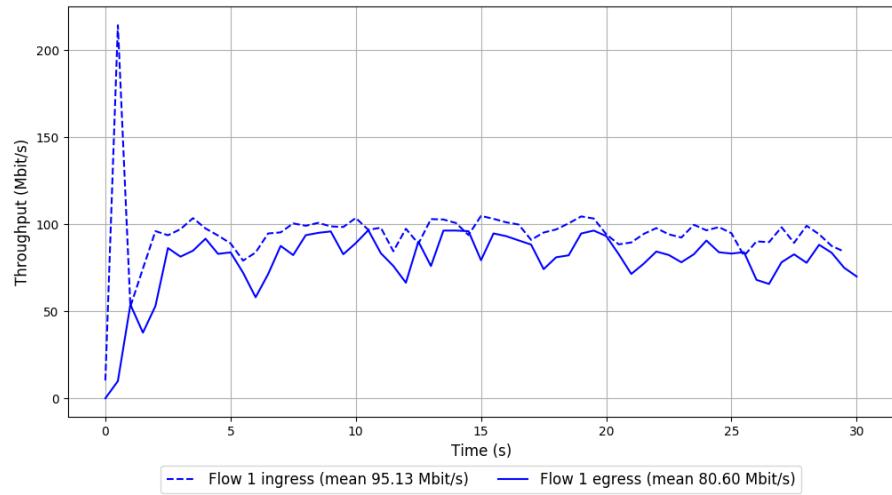


```
Run 6: Statistics of FillP
```

```
Start at: 2018-08-21 20:35:33
End at: 2018-08-21 20:36:03
Local clock offset: 0.943 ms
Remote clock offset: -63.046 ms

# Below is generated by plot.py at 2018-08-21 22:16:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.60 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 15.25%
-- Flow 1:
Average throughput: 80.60 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 15.25%
```

Run 6: Report of FillP — Data Link

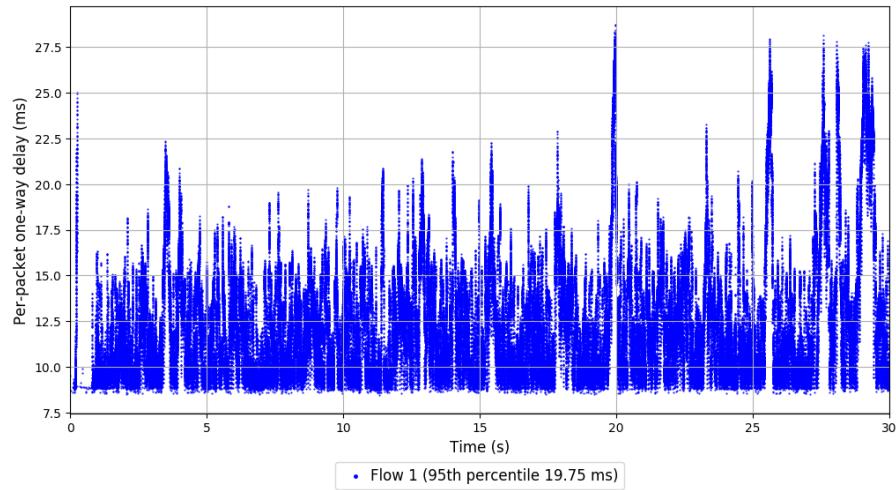
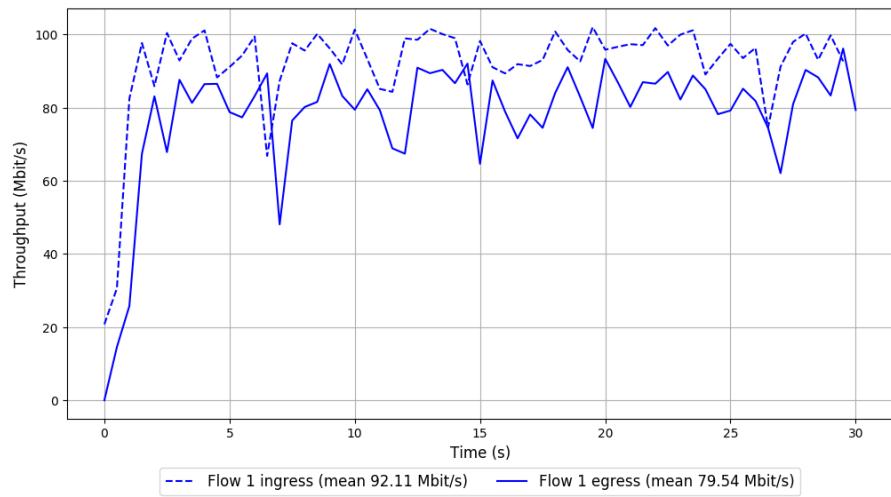


Run 7: Statistics of FillP

```
Start at: 2018-08-21 20:54:51
End at: 2018-08-21 20:55:21
Local clock offset: -1.862 ms
Remote clock offset: -62.535 ms

# Below is generated by plot.py at 2018-08-21 22:17:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 19.752 ms
Loss rate: 13.64%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 19.752 ms
Loss rate: 13.64%
```

Run 7: Report of FillP — Data Link

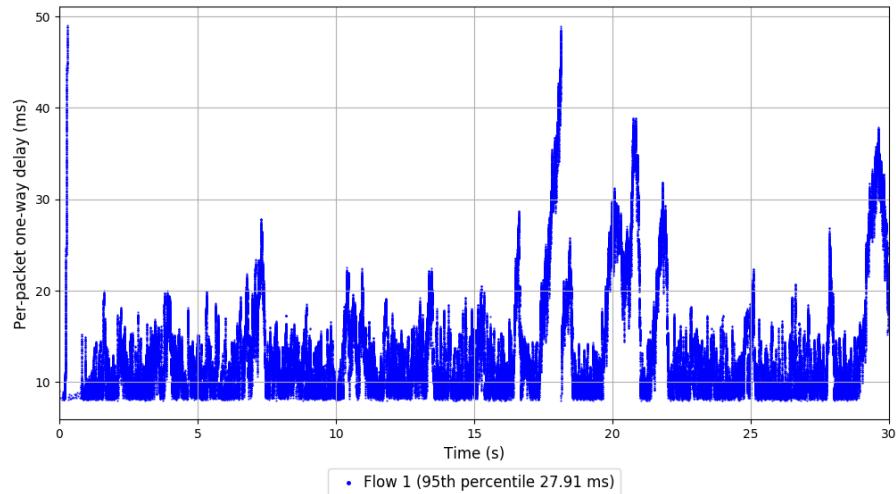
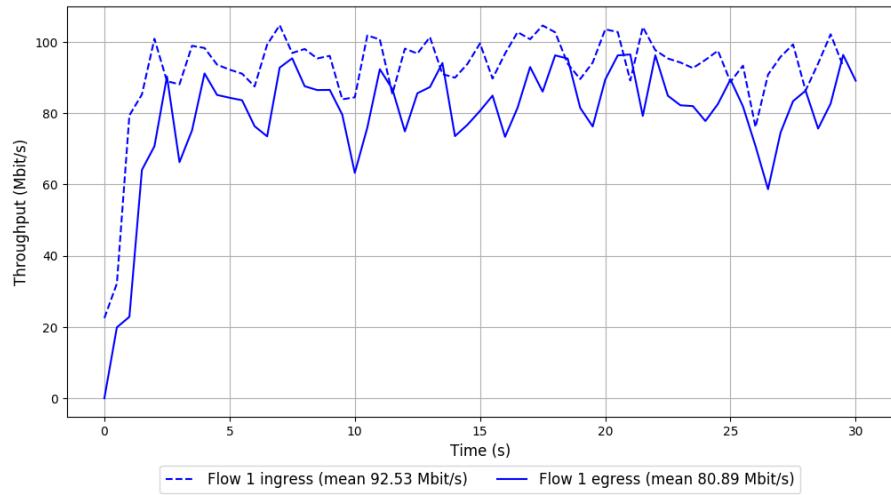


Run 8: Statistics of FillP

```
Start at: 2018-08-21 21:14:14
End at: 2018-08-21 21:14:44
Local clock offset: 0.065 ms
Remote clock offset: -61.6 ms

# Below is generated by plot.py at 2018-08-21 22:17:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.89 Mbit/s
95th percentile per-packet one-way delay: 27.909 ms
Loss rate: 12.55%
-- Flow 1:
Average throughput: 80.89 Mbit/s
95th percentile per-packet one-way delay: 27.909 ms
Loss rate: 12.55%
```

Run 8: Report of FillP — Data Link

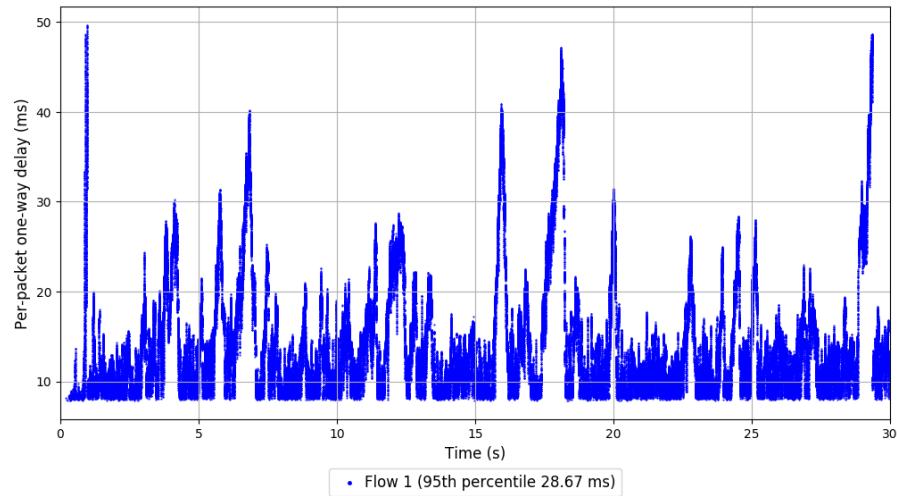
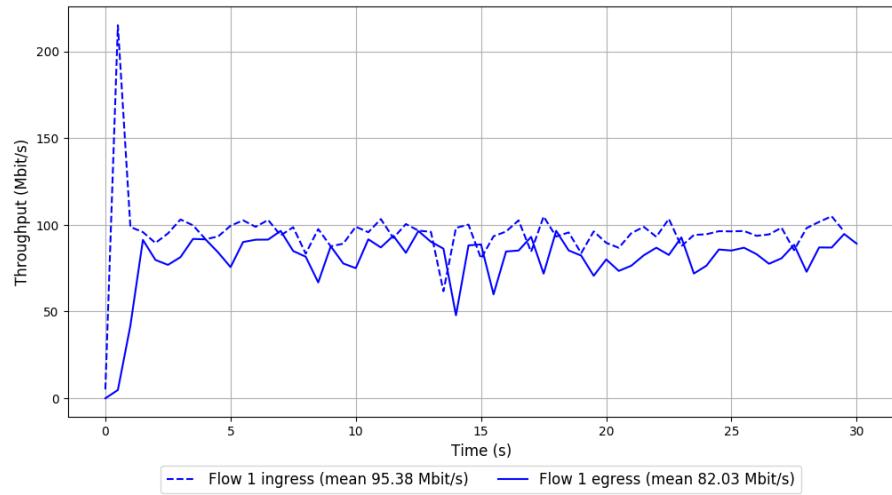


Run 9: Statistics of FillP

```
Start at: 2018-08-21 21:33:46
End at: 2018-08-21 21:34:16
Local clock offset: 0.4 ms
Remote clock offset: -64.375 ms

# Below is generated by plot.py at 2018-08-21 22:17:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 28.668 ms
Loss rate: 14.57%
-- Flow 1:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 28.668 ms
Loss rate: 14.57%
```

Run 9: Report of FillP — Data Link

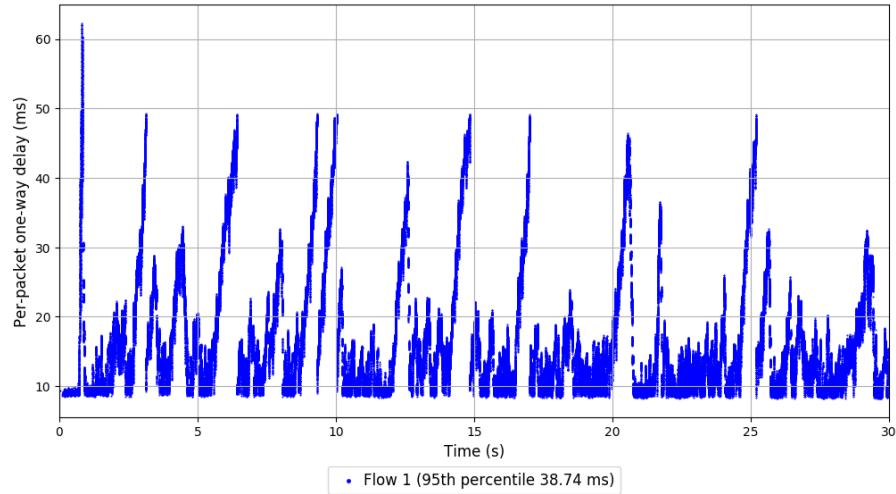
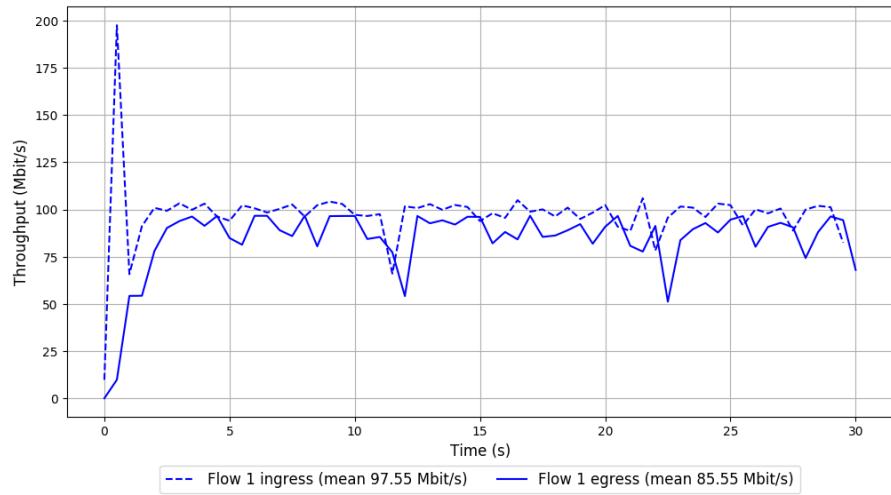


```
Run 10: Statistics of FillP
```

```
Start at: 2018-08-21 21:53:12
End at: 2018-08-21 21:53:42
Local clock offset: -1.094 ms
Remote clock offset: -63.37 ms

# Below is generated by plot.py at 2018-08-21 22:17:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 38.745 ms
Loss rate: 12.30%
-- Flow 1:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 38.745 ms
Loss rate: 12.30%
```

Run 10: Report of FillP — Data Link

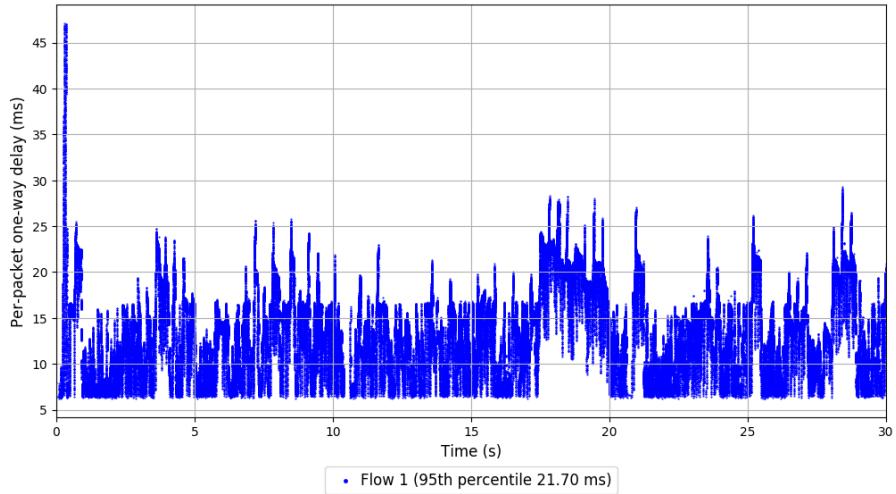
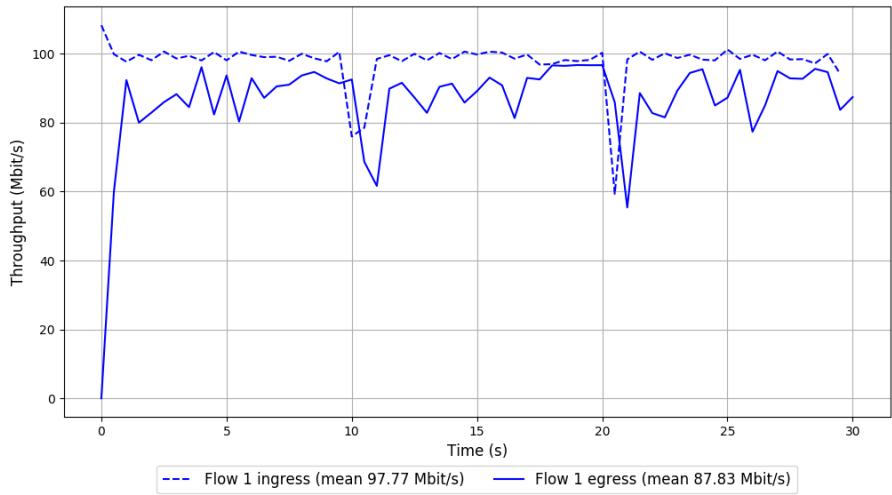


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-08-21 18:56:49
End at: 2018-08-21 18:57:19
Local clock offset: 1.787 ms
Remote clock offset: -66.127 ms

# Below is generated by plot.py at 2018-08-21 22:17:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 21.699 ms
Loss rate: 10.13%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 21.699 ms
Loss rate: 10.13%
```

Run 1: Report of FillP-Sheep — Data Link

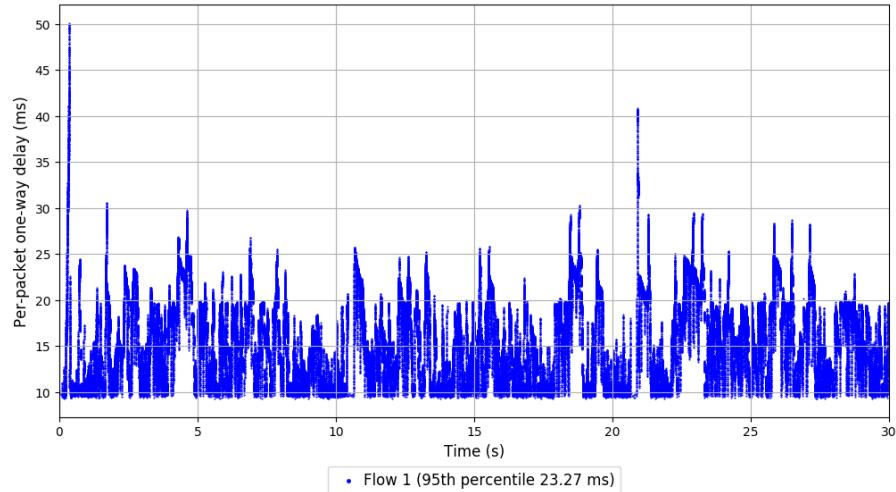
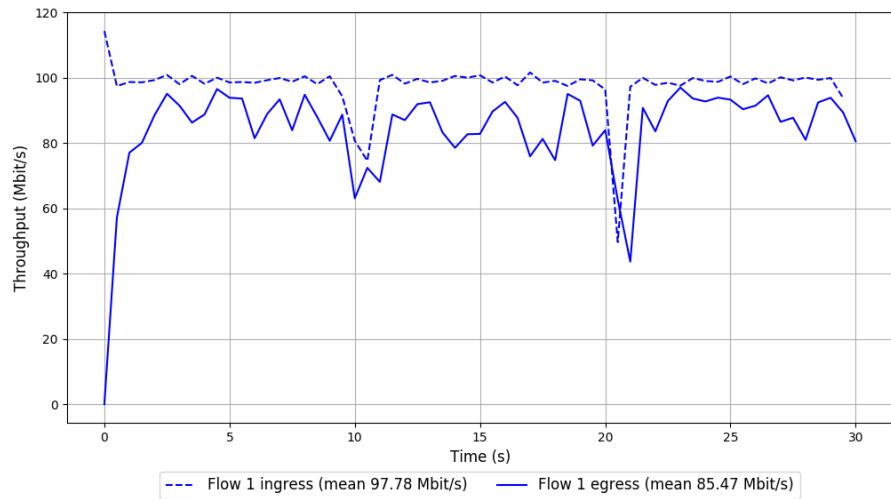


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-21 19:16:12
End at: 2018-08-21 19:16:42
Local clock offset: -0.948 ms
Remote clock offset: -62.788 ms

# Below is generated by plot.py at 2018-08-21 22:17:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.47 Mbit/s
95th percentile per-packet one-way delay: 23.273 ms
Loss rate: 12.56%
-- Flow 1:
Average throughput: 85.47 Mbit/s
95th percentile per-packet one-way delay: 23.273 ms
Loss rate: 12.56%
```

Run 2: Report of FillP-Sheep — Data Link

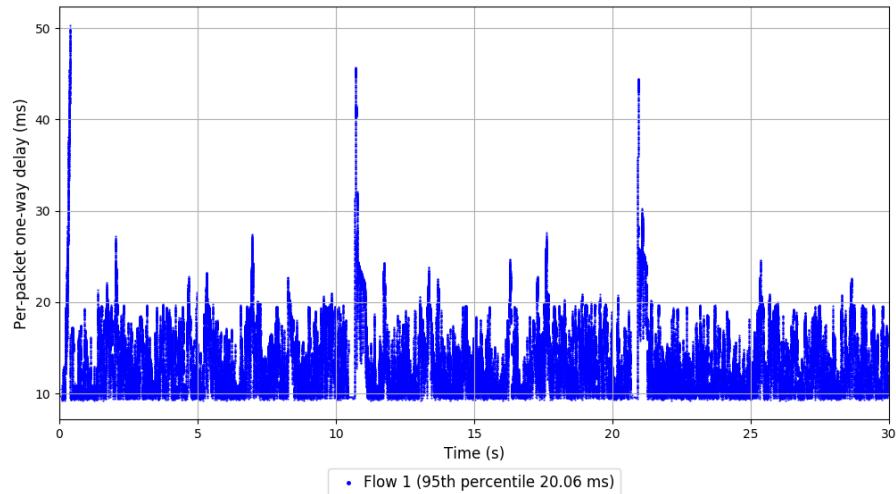
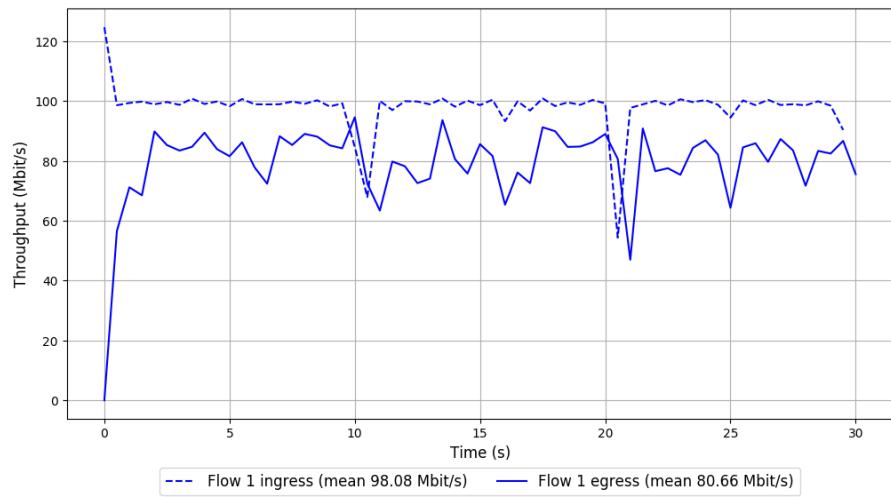


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-21 19:35:31
End at: 2018-08-21 19:36:01
Local clock offset: -1.231 ms
Remote clock offset: -62.181 ms

# Below is generated by plot.py at 2018-08-21 22:17:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 20.057 ms
Loss rate: 17.77%
-- Flow 1:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 20.057 ms
Loss rate: 17.77%
```

Run 3: Report of FillP-Sheep — Data Link

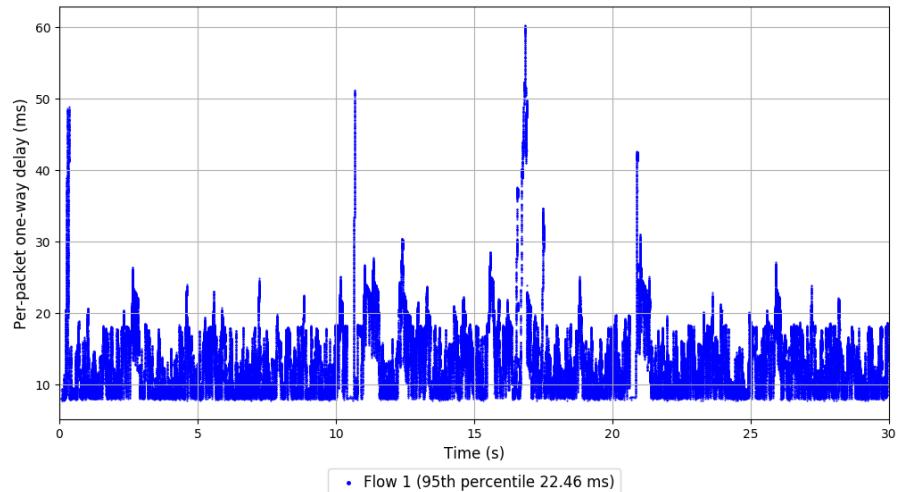
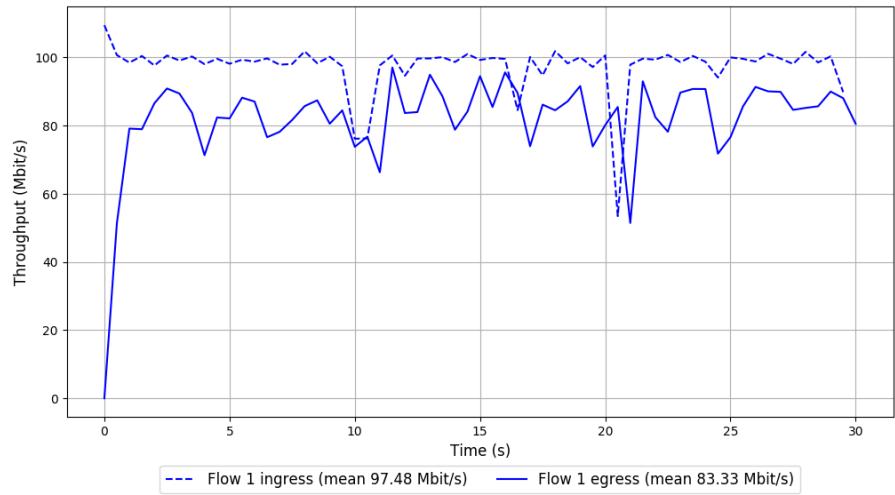


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-21 19:54:41
End at: 2018-08-21 19:55:11
Local clock offset: -0.052 ms
Remote clock offset: -62.747 ms

# Below is generated by plot.py at 2018-08-21 22:17:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.33 Mbit/s
95th percentile per-packet one-way delay: 22.457 ms
Loss rate: 14.50%
-- Flow 1:
Average throughput: 83.33 Mbit/s
95th percentile per-packet one-way delay: 22.457 ms
Loss rate: 14.50%
```

Run 4: Report of FillP-Sheep — Data Link

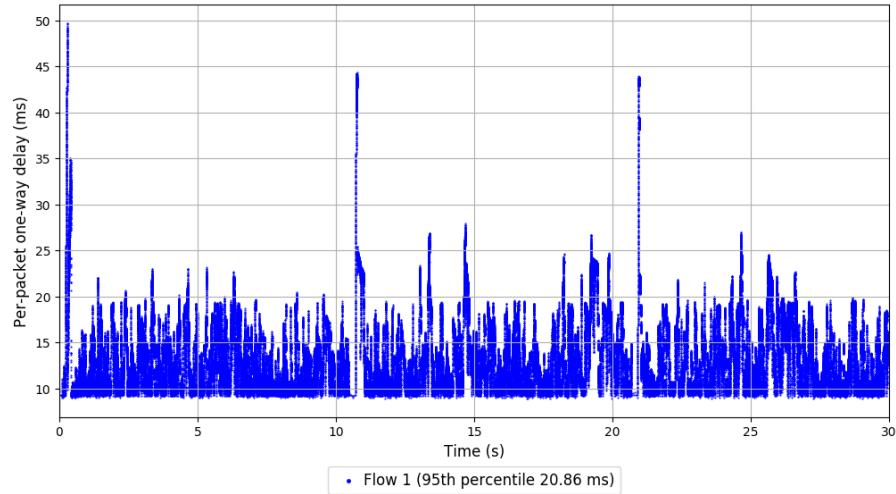
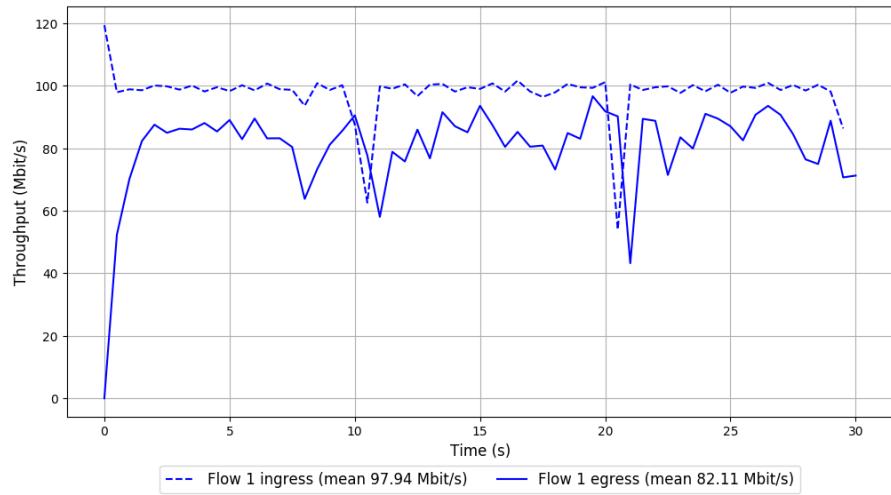


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-21 20:13:52
End at: 2018-08-21 20:14:22
Local clock offset: -1.829 ms
Remote clock offset: -62.126 ms

# Below is generated by plot.py at 2018-08-21 22:18:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.11 Mbit/s
95th percentile per-packet one-way delay: 20.858 ms
Loss rate: 16.15%
-- Flow 1:
Average throughput: 82.11 Mbit/s
95th percentile per-packet one-way delay: 20.858 ms
Loss rate: 16.15%
```

Run 5: Report of FillP-Sheep — Data Link

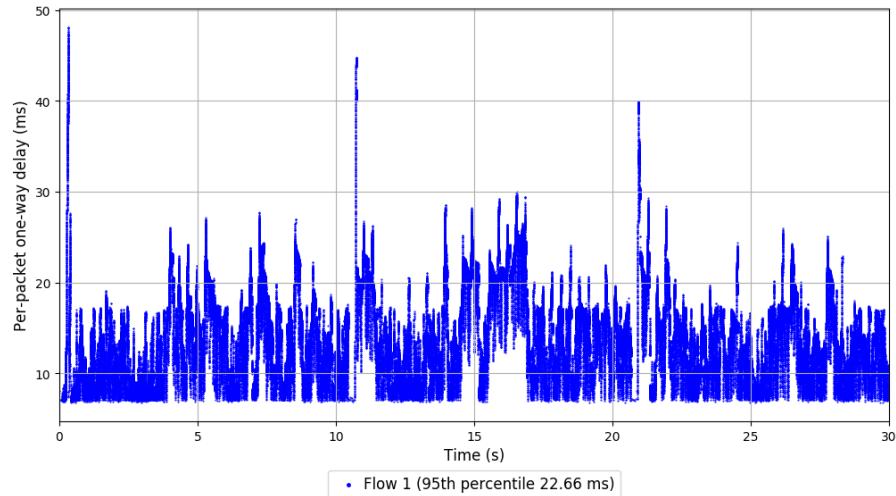
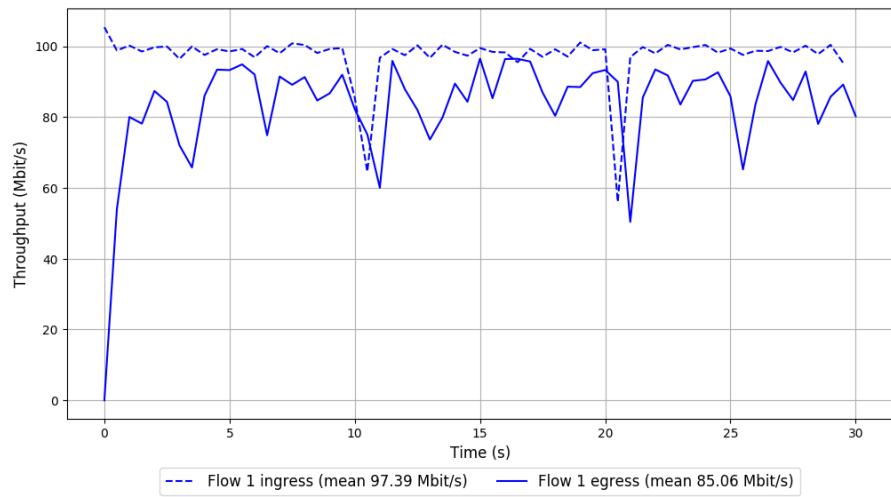


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-21 20:33:16
End at: 2018-08-21 20:33:46
Local clock offset: -1.081 ms
Remote clock offset: -63.646 ms

# Below is generated by plot.py at 2018-08-21 22:18:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 12.66%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 12.66%
```

Run 6: Report of FillP-Sheep — Data Link

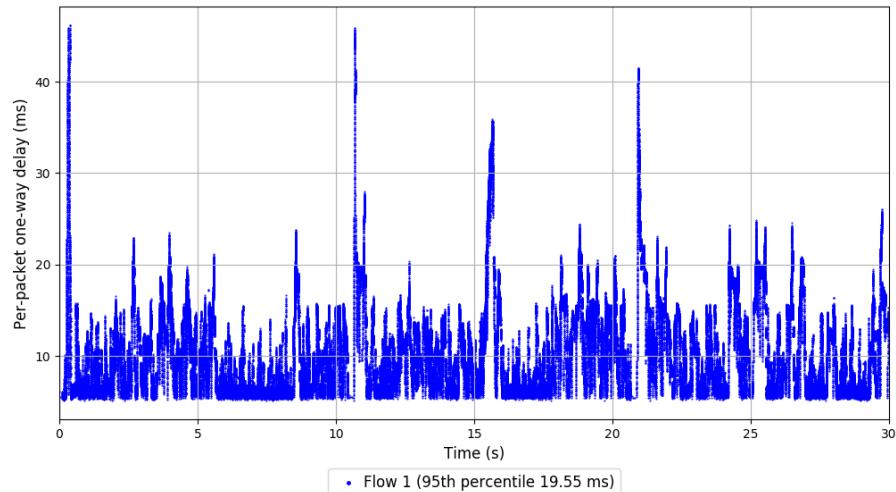
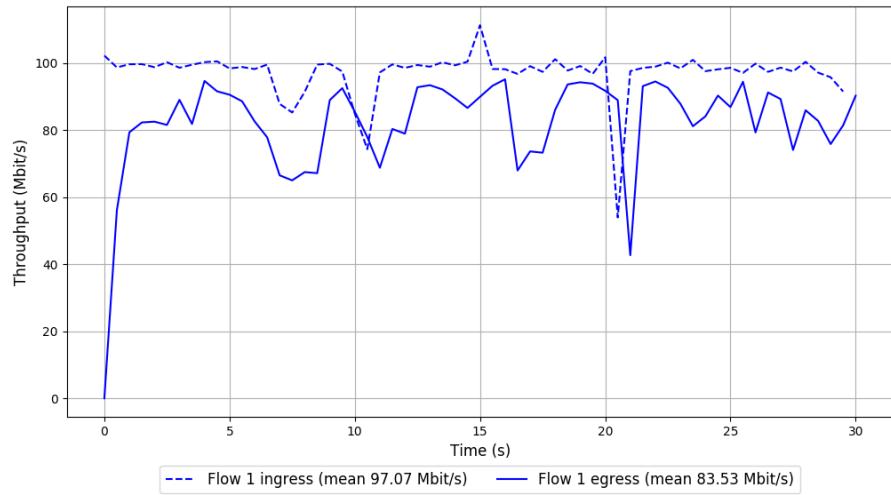


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-21 20:52:31
End at: 2018-08-21 20:53:01
Local clock offset: 1.594 ms
Remote clock offset: -63.378 ms

# Below is generated by plot.py at 2018-08-21 22:18:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.53 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 13.93%
-- Flow 1:
Average throughput: 83.53 Mbit/s
95th percentile per-packet one-way delay: 19.554 ms
Loss rate: 13.93%
```

Run 7: Report of FillP-Sheep — Data Link

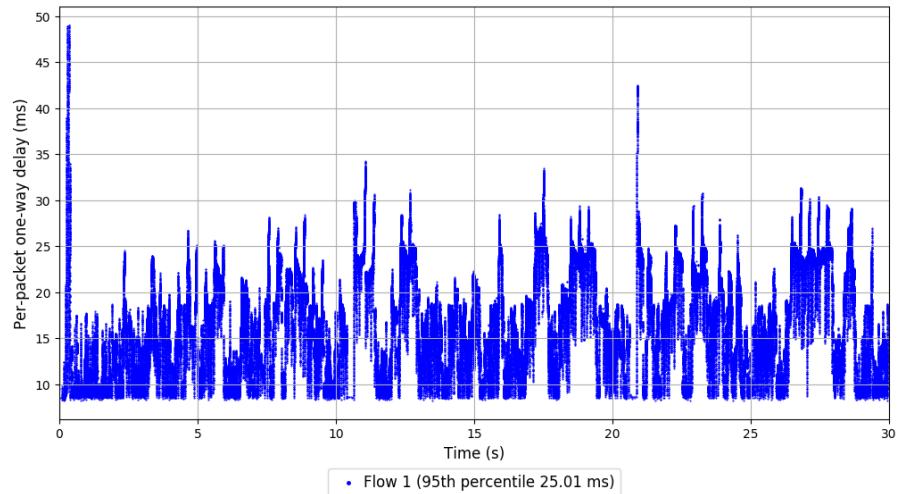
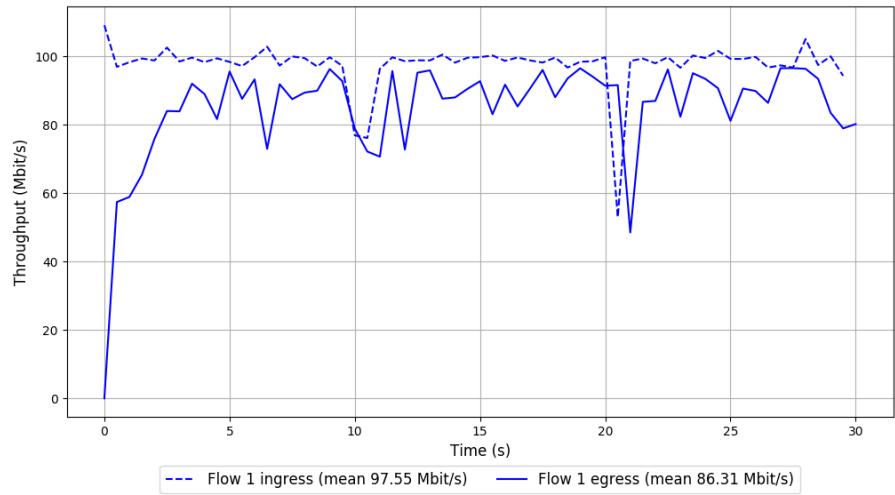


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-21 21:11:56
End at: 2018-08-21 21:12:26
Local clock offset: -0.833 ms
Remote clock offset: -61.403 ms

# Below is generated by plot.py at 2018-08-21 22:18:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 25.006 ms
Loss rate: 11.51%
-- Flow 1:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 25.006 ms
Loss rate: 11.51%
```

Run 8: Report of FillP-Sheep — Data Link

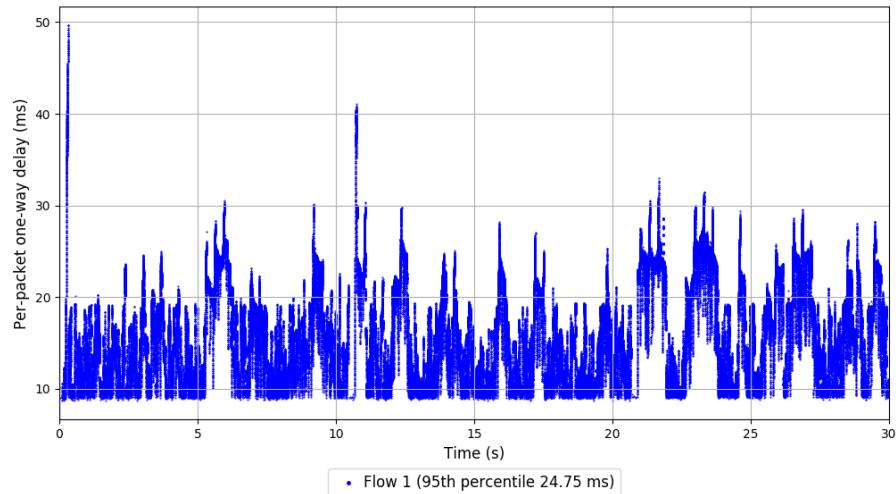
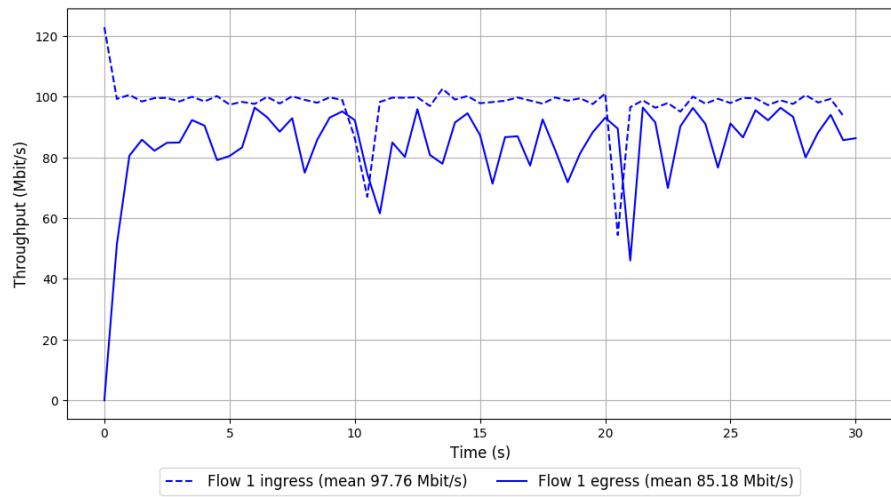


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-21 21:31:28
End at: 2018-08-21 21:31:58
Local clock offset: -1.293 ms
Remote clock offset: -64.112 ms

# Below is generated by plot.py at 2018-08-21 22:18:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 24.746 ms
Loss rate: 12.86%
-- Flow 1:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 24.746 ms
Loss rate: 12.86%
```

Run 9: Report of FillP-Sheep — Data Link

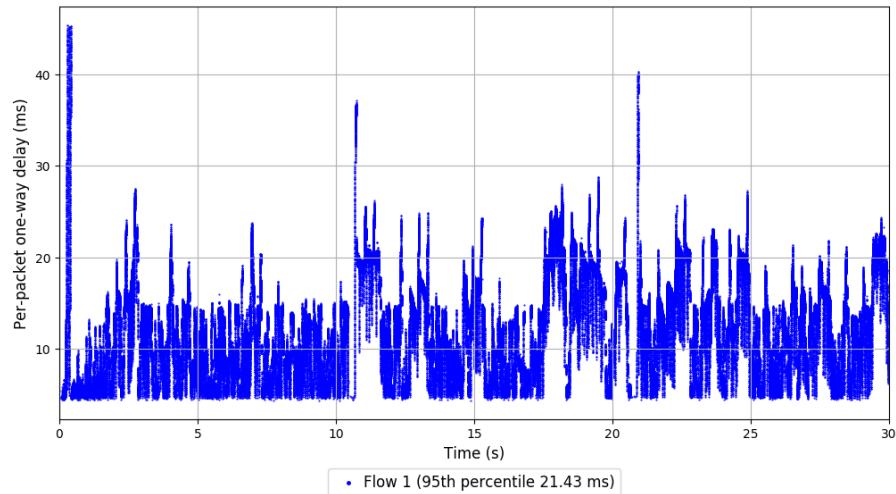
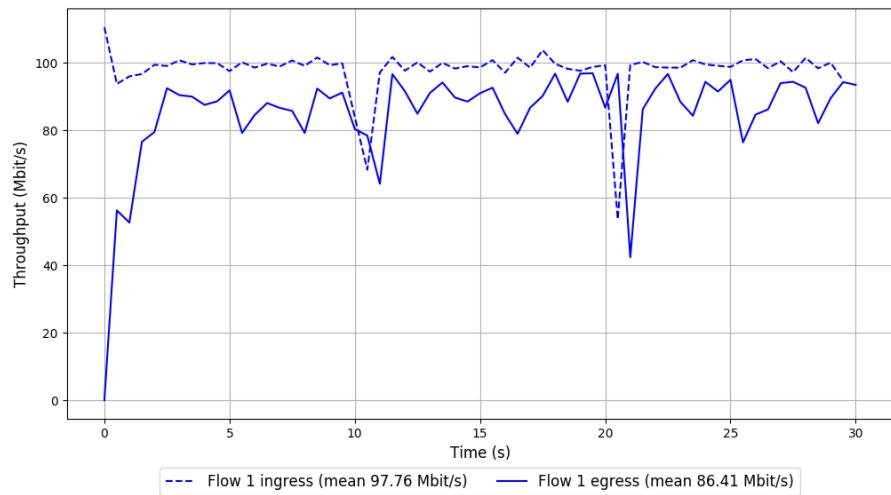


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-21 21:50:52
End at: 2018-08-21 21:51:22
Local clock offset: 1.921 ms
Remote clock offset: -66.098 ms

# Below is generated by plot.py at 2018-08-21 22:18:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 21.427 ms
Loss rate: 11.60%
-- Flow 1:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 21.427 ms
Loss rate: 11.60%
```

Run 10: Report of FillP-Sheep — Data Link

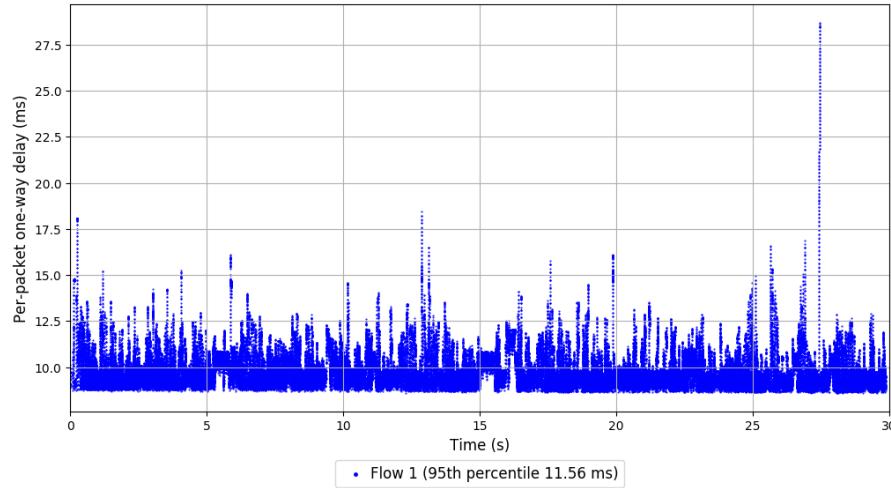
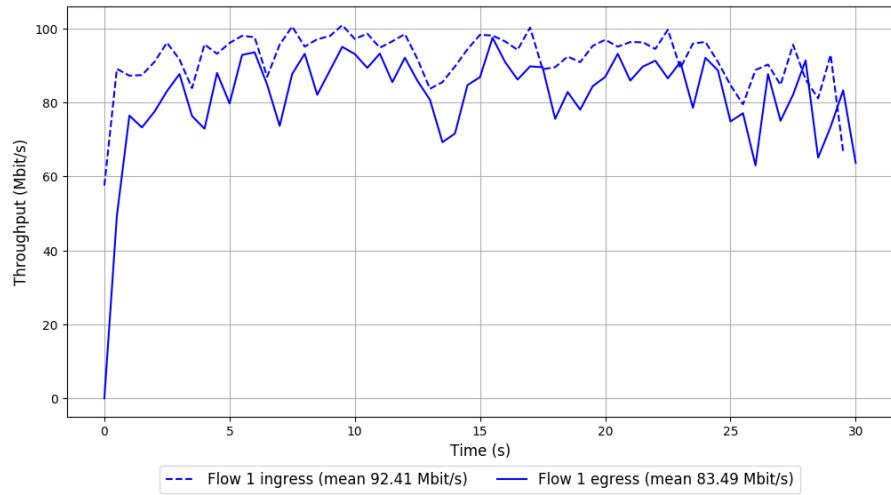


Run 1: Statistics of Indigo

```
Start at: 2018-08-21 19:06:01
End at: 2018-08-21 19:06:31
Local clock offset: -1.422 ms
Remote clock offset: -65.181 ms

# Below is generated by plot.py at 2018-08-21 22:18:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 11.557 ms
Loss rate: 9.66%
-- Flow 1:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 11.557 ms
Loss rate: 9.66%
```

Run 1: Report of Indigo — Data Link

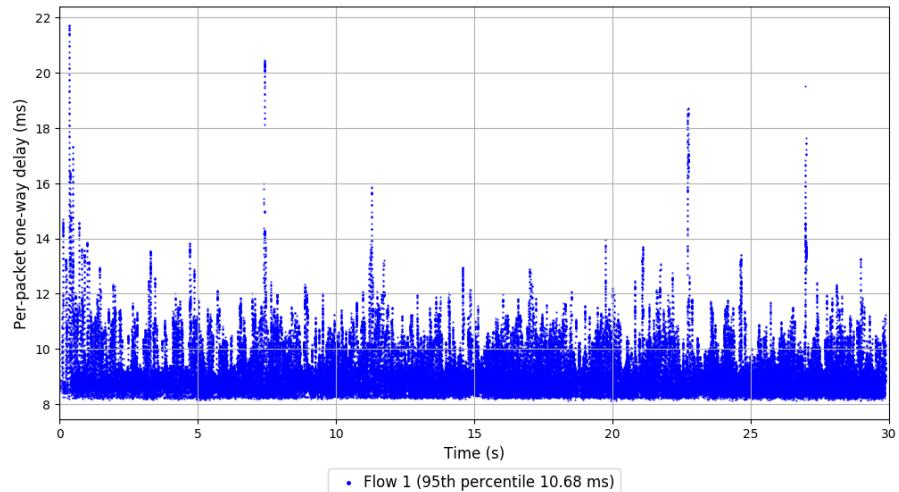
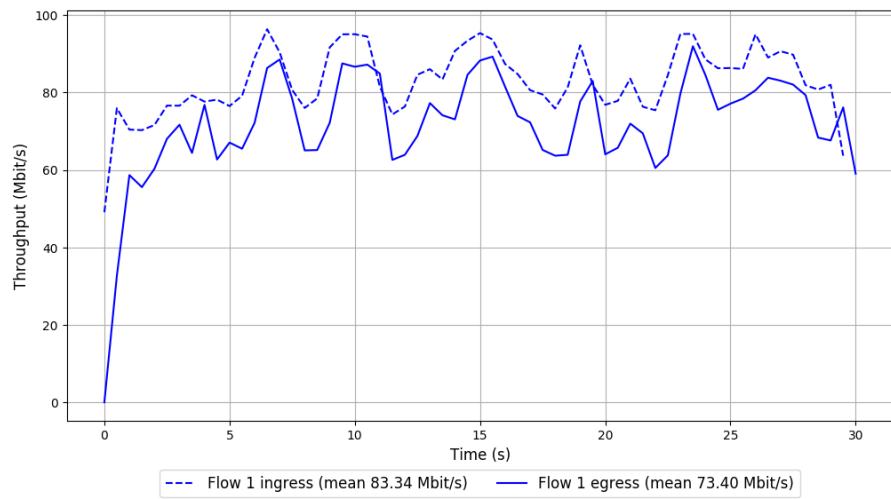


Run 2: Statistics of Indigo

```
Start at: 2018-08-21 19:25:19
End at: 2018-08-21 19:25:49
Local clock offset: -0.244 ms
Remote clock offset: -62.023 ms

# Below is generated by plot.py at 2018-08-21 22:18:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.40 Mbit/s
95th percentile per-packet one-way delay: 10.684 ms
Loss rate: 11.91%
-- Flow 1:
Average throughput: 73.40 Mbit/s
95th percentile per-packet one-way delay: 10.684 ms
Loss rate: 11.91%
```

Run 2: Report of Indigo — Data Link

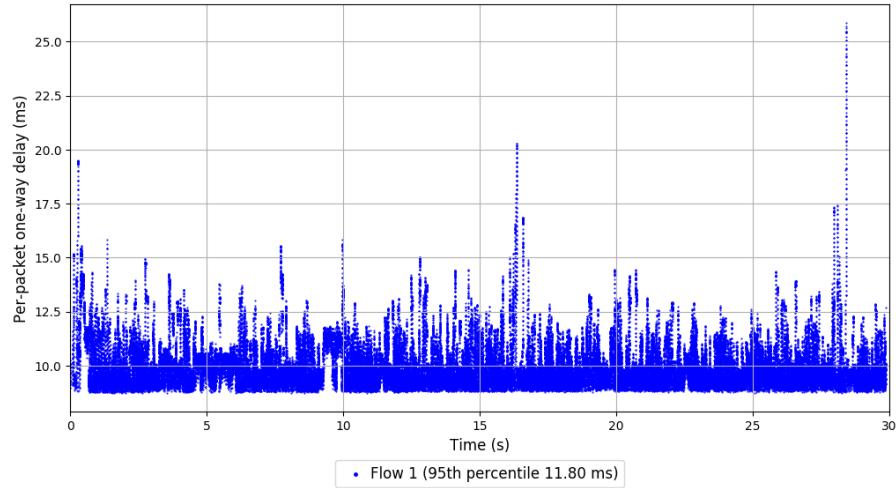
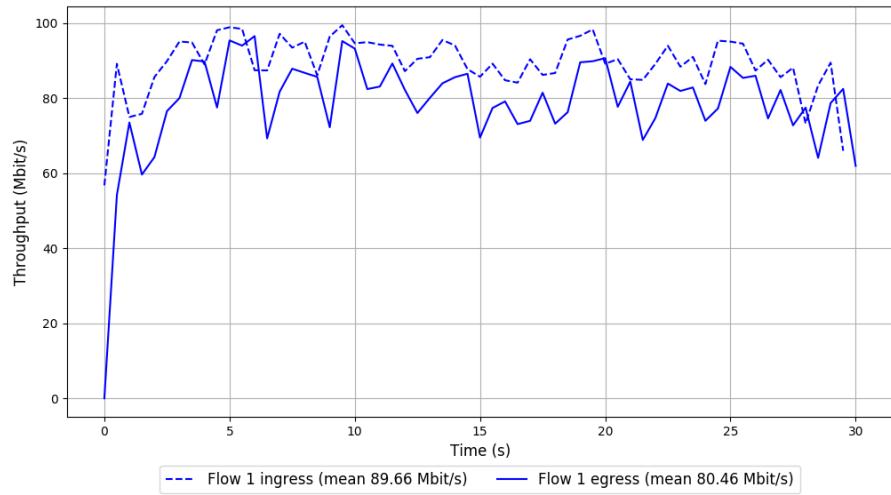


Run 3: Statistics of Indigo

```
Start at: 2018-08-21 19:44:35
End at: 2018-08-21 19:45:05
Local clock offset: 0.186 ms
Remote clock offset: -61.631 ms

# Below is generated by plot.py at 2018-08-21 22:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.46 Mbit/s
95th percentile per-packet one-way delay: 11.803 ms
Loss rate: 10.24%
-- Flow 1:
Average throughput: 80.46 Mbit/s
95th percentile per-packet one-way delay: 11.803 ms
Loss rate: 10.24%
```

Run 3: Report of Indigo — Data Link

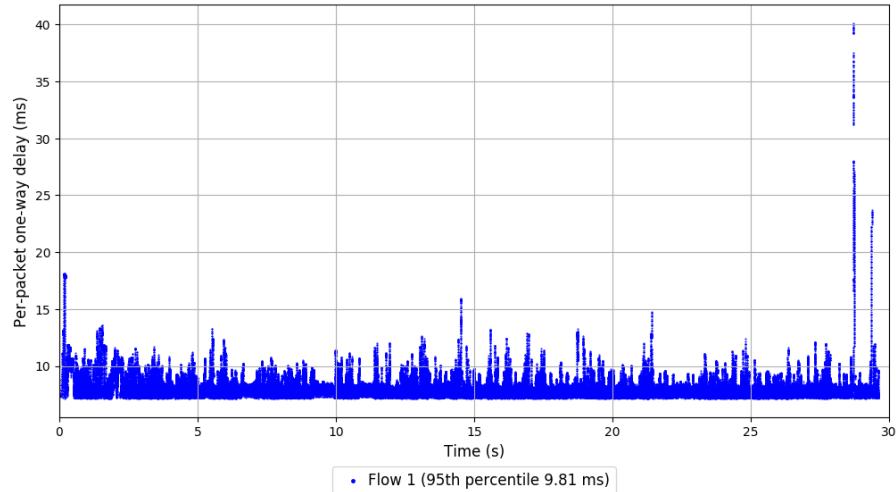
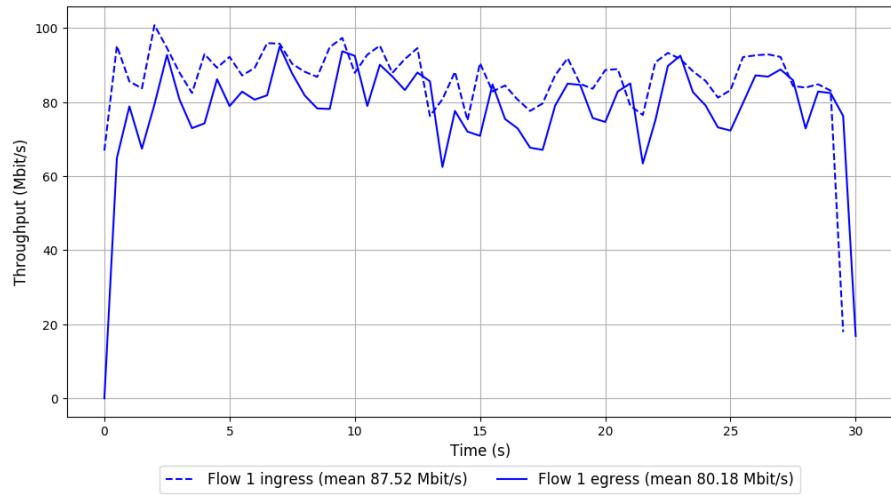


Run 4: Statistics of Indigo

```
Start at: 2018-08-21 20:03:46
End at: 2018-08-21 20:04:16
Local clock offset: 1.82 ms
Remote clock offset: -62.247 ms

# Below is generated by plot.py at 2018-08-21 22:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 9.811 ms
Loss rate: 8.39%
-- Flow 1:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 9.811 ms
Loss rate: 8.39%
```

Run 4: Report of Indigo — Data Link

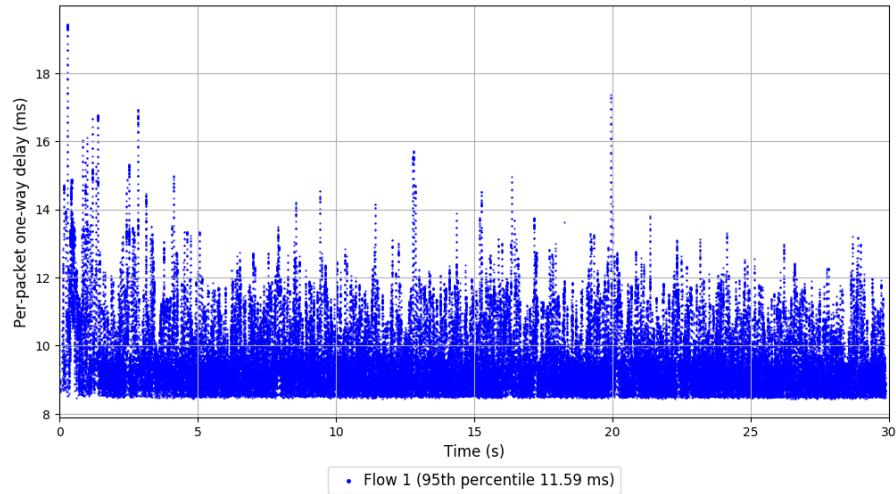
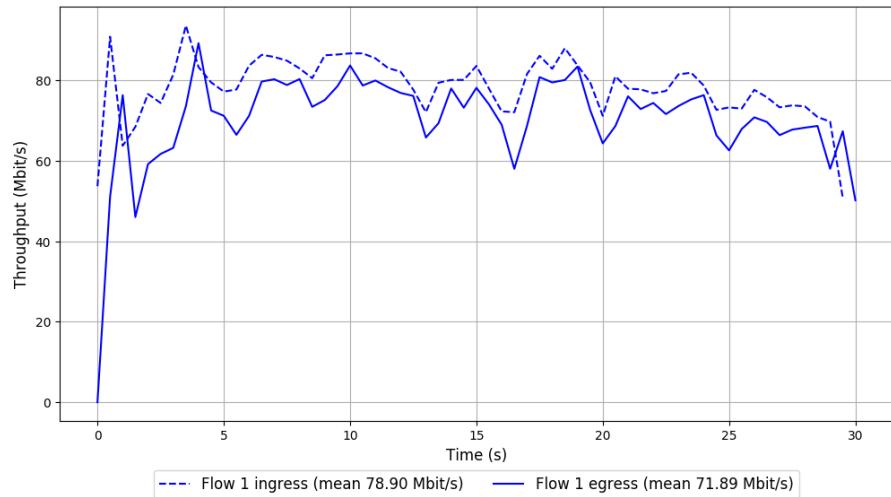


Run 5: Statistics of Indigo

```
Start at: 2018-08-21 20:23:07
End at: 2018-08-21 20:23:37
Local clock offset: -1.171 ms
Remote clock offset: -62.642 ms

# Below is generated by plot.py at 2018-08-21 22:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.89 Mbit/s
95th percentile per-packet one-way delay: 11.593 ms
Loss rate: 8.88%
-- Flow 1:
Average throughput: 71.89 Mbit/s
95th percentile per-packet one-way delay: 11.593 ms
Loss rate: 8.88%
```

Run 5: Report of Indigo — Data Link

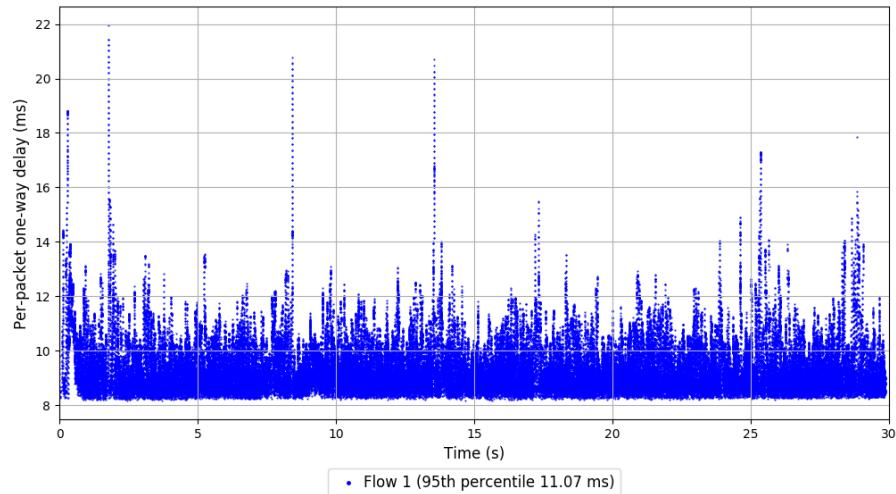
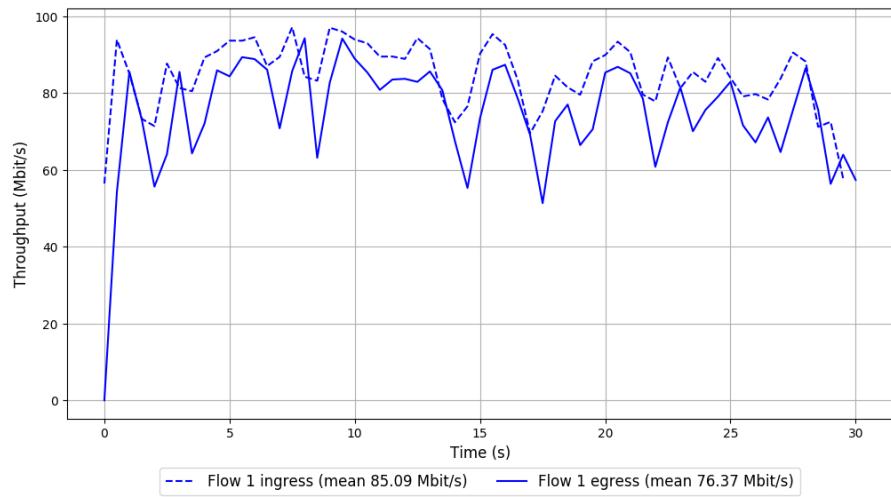


Run 6: Statistics of Indigo

```
Start at: 2018-08-21 20:42:27
End at: 2018-08-21 20:42:57
Local clock offset: -1.178 ms
Remote clock offset: -62.578 ms

# Below is generated by plot.py at 2018-08-21 22:19:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 11.069 ms
Loss rate: 10.26%
-- Flow 1:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 11.069 ms
Loss rate: 10.26%
```

Run 6: Report of Indigo — Data Link

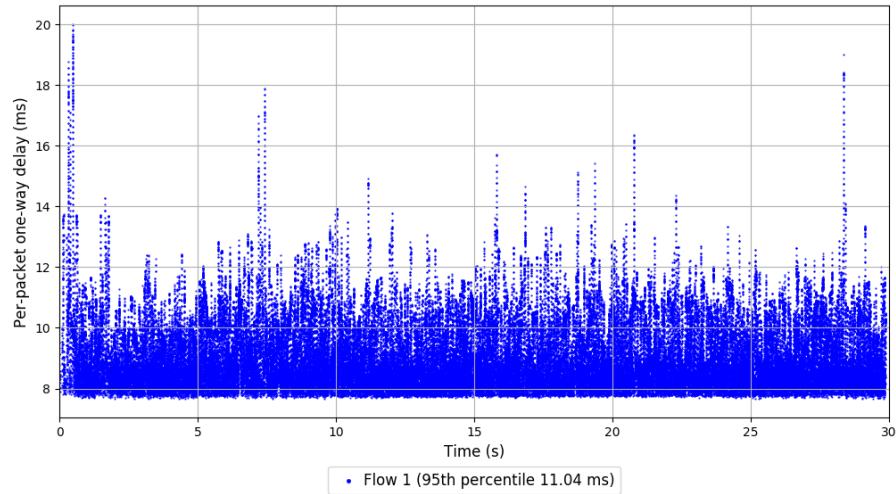
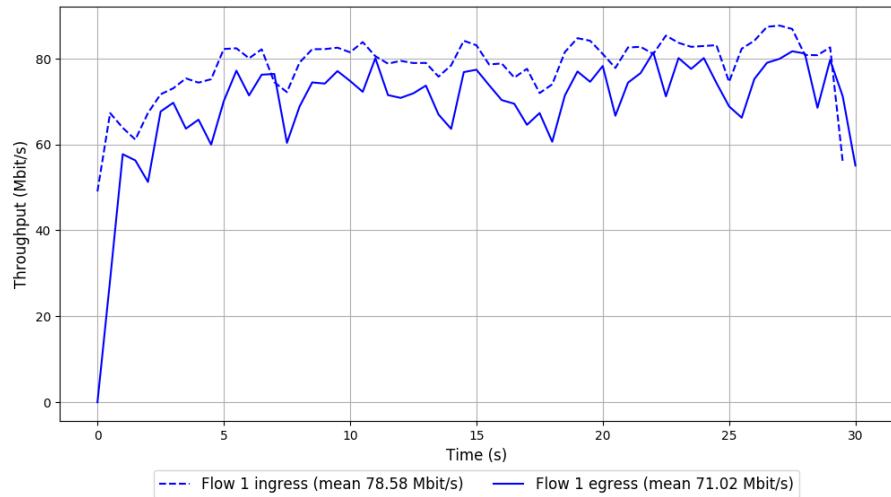


Run 7: Statistics of Indigo

```
Start at: 2018-08-21 21:01:50
End at: 2018-08-21 21:02:20
Local clock offset: -0.74 ms
Remote clock offset: -62.347 ms

# Below is generated by plot.py at 2018-08-21 22:19:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.02 Mbit/s
95th percentile per-packet one-way delay: 11.041 ms
Loss rate: 9.61%
-- Flow 1:
Average throughput: 71.02 Mbit/s
95th percentile per-packet one-way delay: 11.041 ms
Loss rate: 9.61%
```

Run 7: Report of Indigo — Data Link

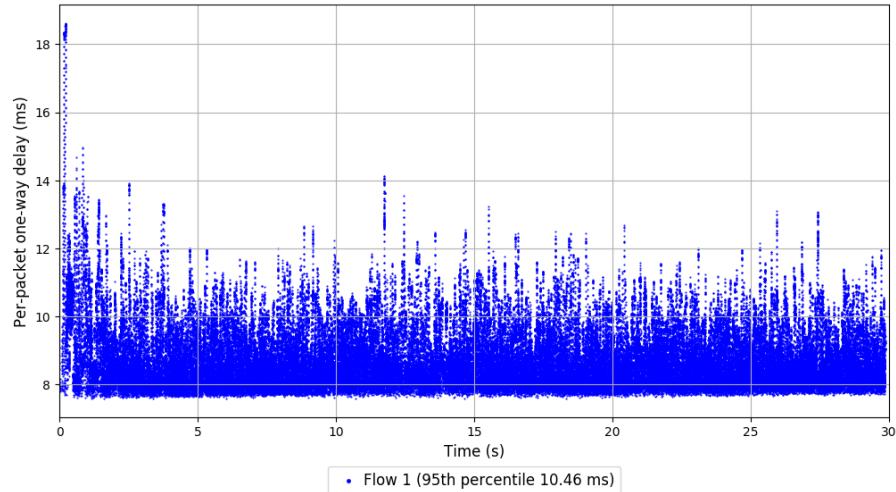
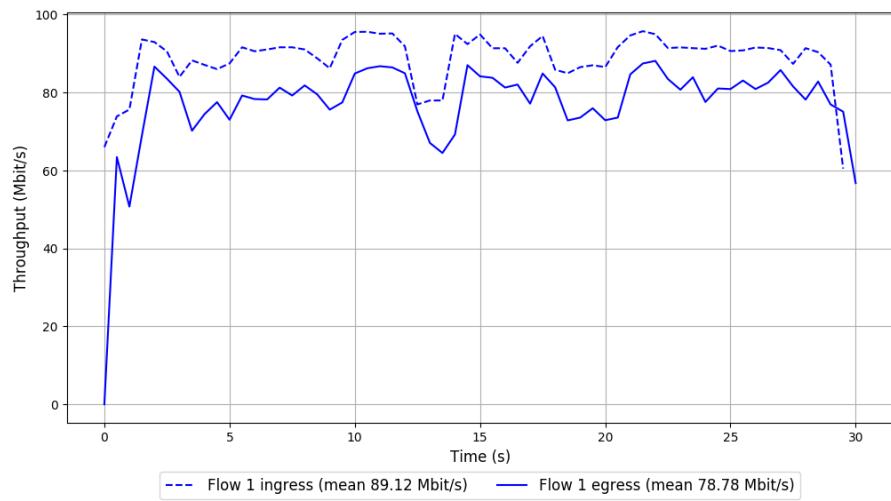


Run 8: Statistics of Indigo

```
Start at: 2018-08-21 21:21:05
End at: 2018-08-21 21:21:35
Local clock offset: 0.696 ms
Remote clock offset: -62.626 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 10.465 ms
Loss rate: 11.60%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 10.465 ms
Loss rate: 11.60%
```

Run 8: Report of Indigo — Data Link

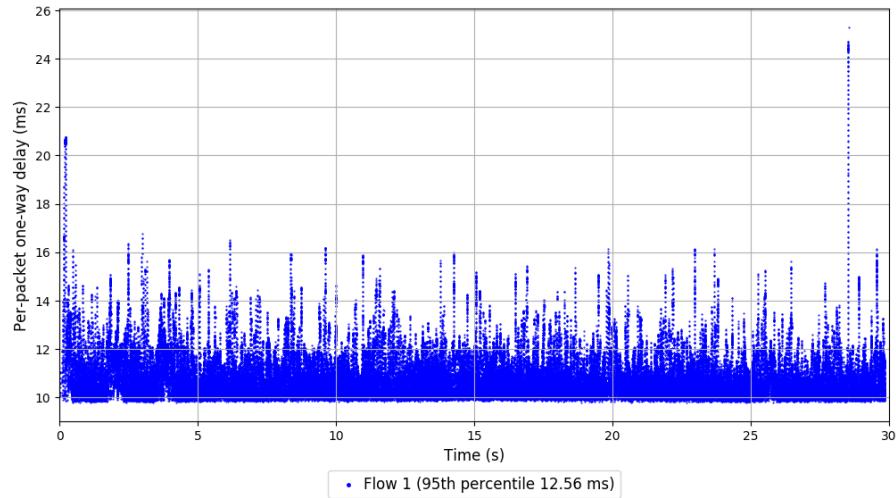
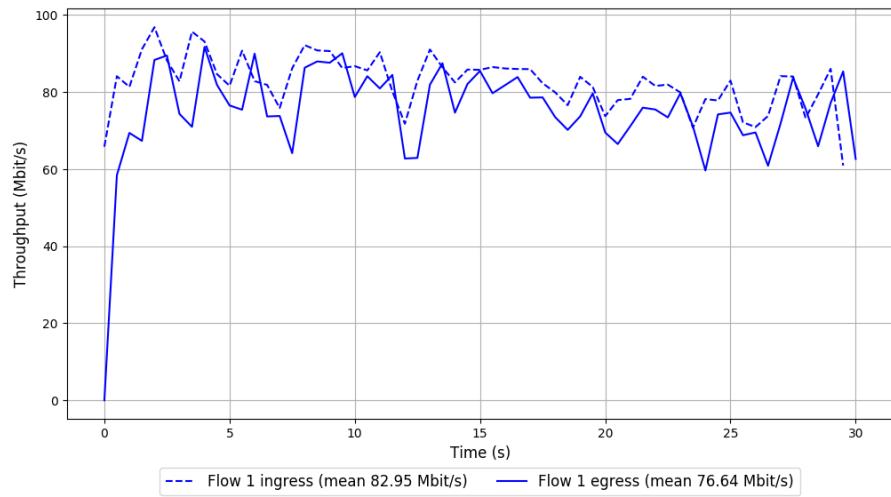


Run 9: Statistics of Indigo

```
Start at: 2018-08-21 21:40:46
End at: 2018-08-21 21:41:16
Local clock offset: -1.532 ms
Remote clock offset: -64.964 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.64 Mbit/s
95th percentile per-packet one-way delay: 12.561 ms
Loss rate: 7.61%
-- Flow 1:
Average throughput: 76.64 Mbit/s
95th percentile per-packet one-way delay: 12.561 ms
Loss rate: 7.61%
```

Run 9: Report of Indigo — Data Link

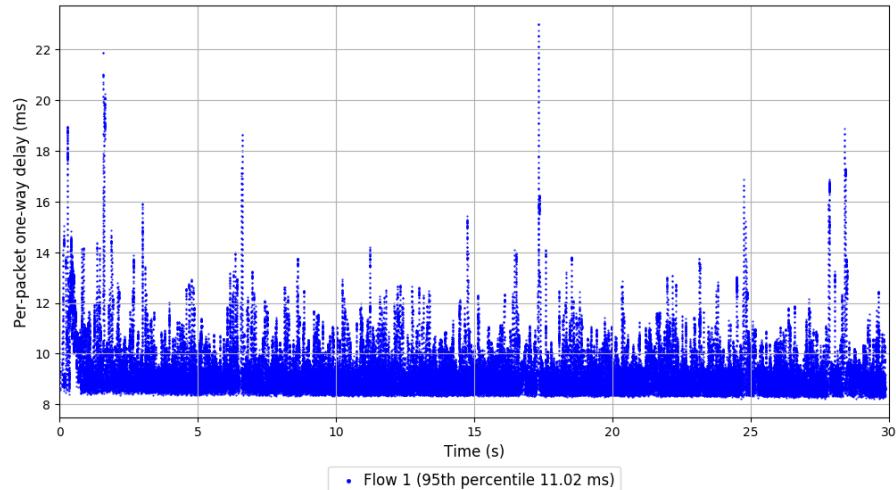
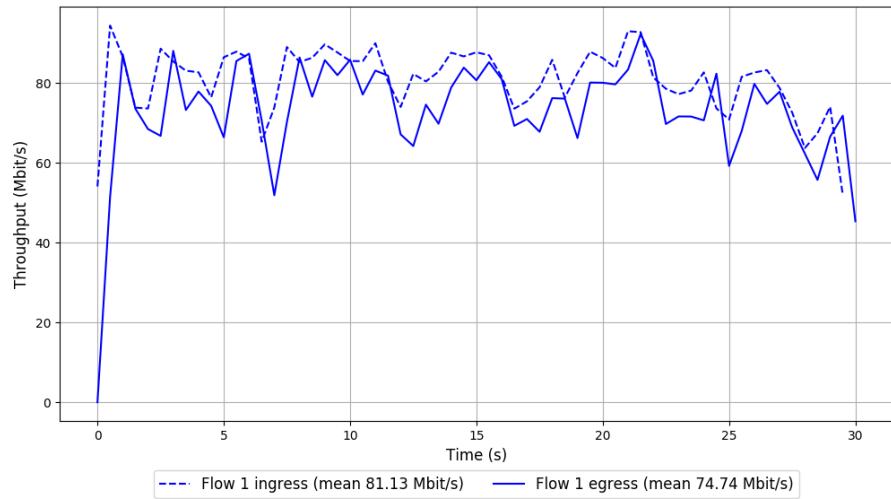


Run 10: Statistics of Indigo

```
Start at: 2018-08-21 22:00:02
End at: 2018-08-21 22:00:32
Local clock offset: -0.912 ms
Remote clock offset: -60.753 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 11.016 ms
Loss rate: 7.88%
-- Flow 1:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 11.016 ms
Loss rate: 7.88%
```

Run 10: Report of Indigo — Data Link

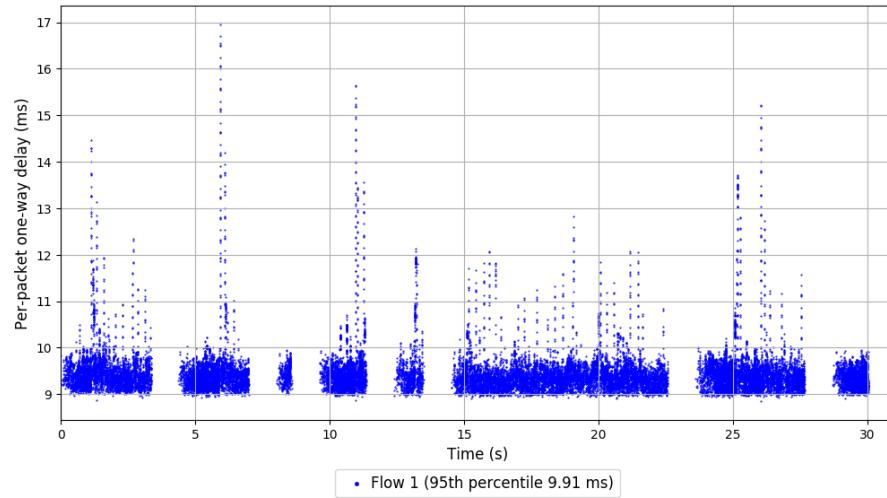
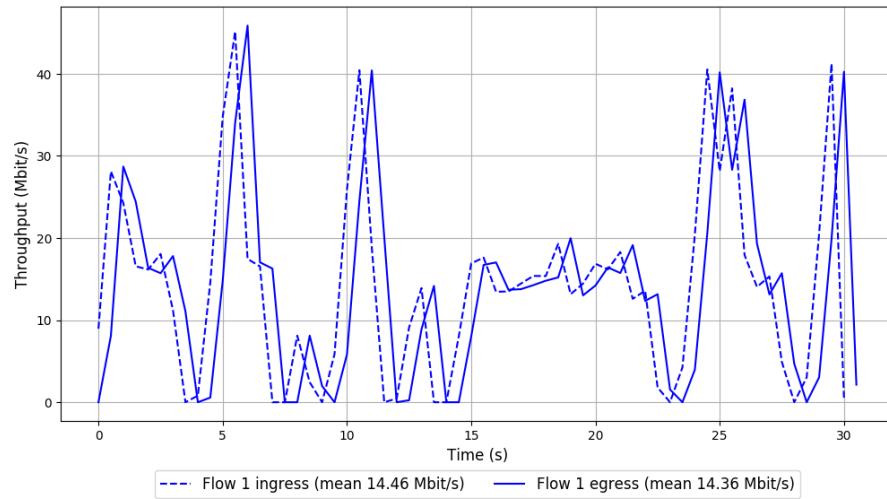


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-21 19:09:27
End at: 2018-08-21 19:09:58
Local clock offset: -1.303 ms
Remote clock offset: -63.439 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 9.906 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 9.906 ms
Loss rate: 0.65%
```

Run 1: Report of LEDBAT — Data Link

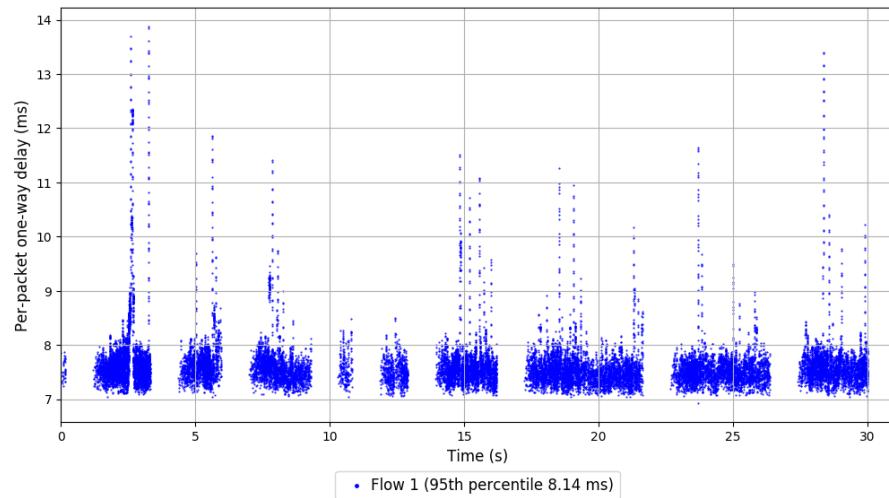
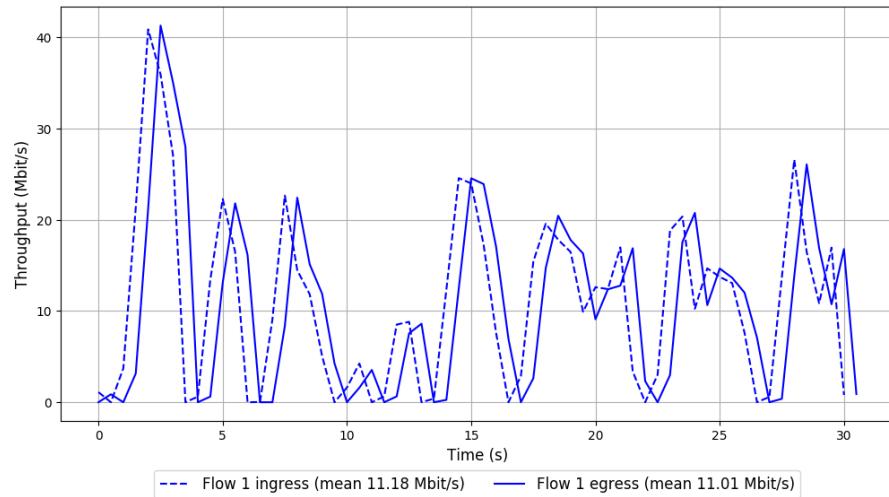


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-21 19:28:44
End at: 2018-08-21 19:29:14
Local clock offset: 0.194 ms
Remote clock offset: -62.51 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 8.143 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 8.143 ms
Loss rate: 1.51%
```

Run 2: Report of LEDBAT — Data Link

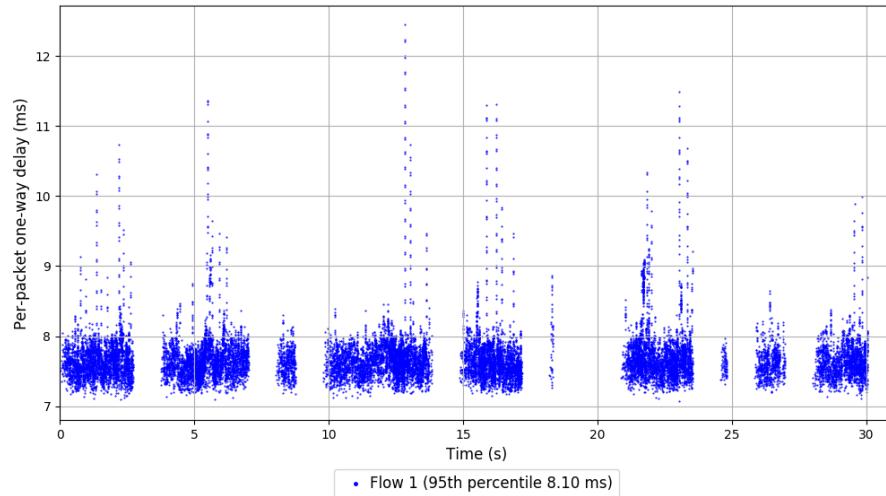
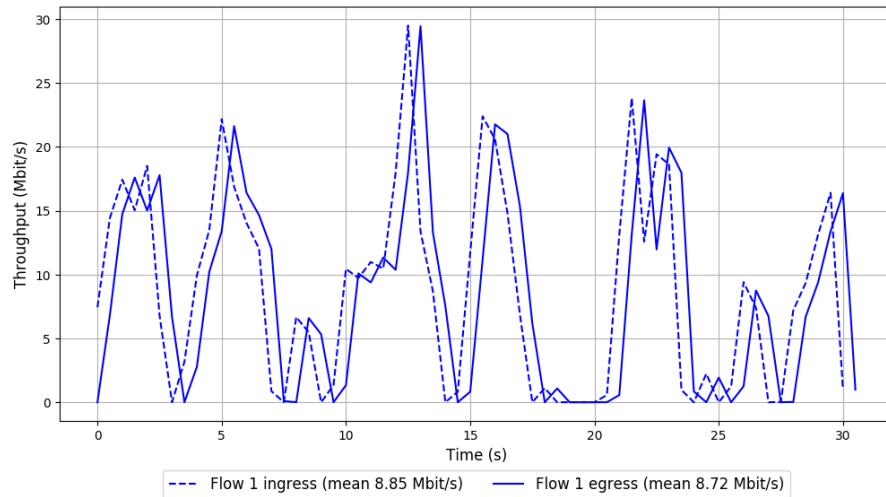


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-21 19:48:04
End at: 2018-08-21 19:48:34
Local clock offset: 1.155 ms
Remote clock offset: -62.464 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 8.100 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 8.100 ms
Loss rate: 1.52%
```

Run 3: Report of LEDBAT — Data Link

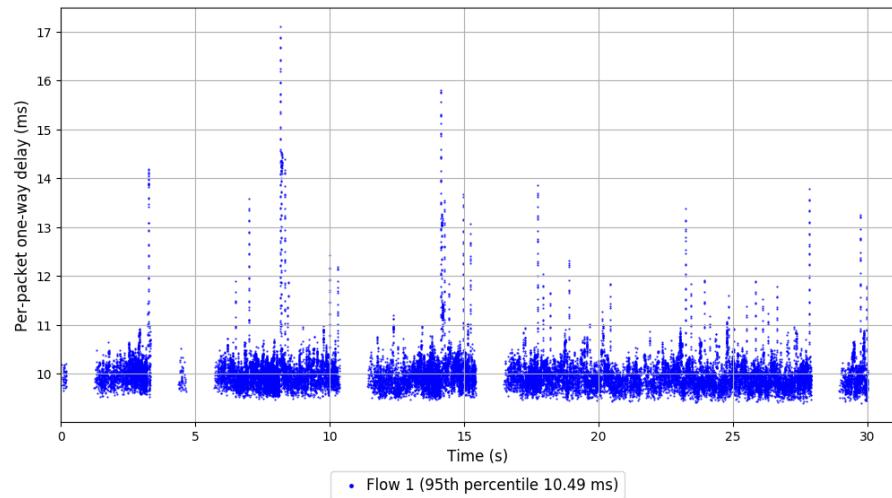
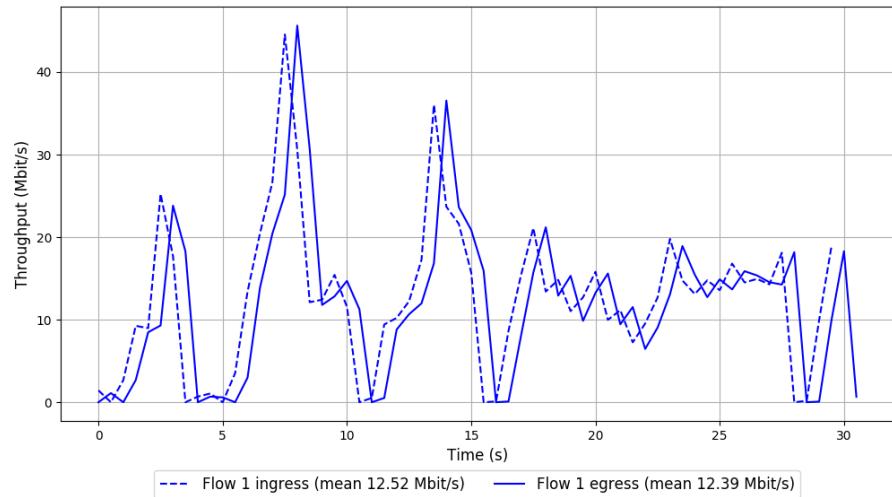


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-21 20:07:11
End at: 2018-08-21 20:07:41
Local clock offset: 0.183 ms
Remote clock offset: -61.41 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 10.489 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 10.489 ms
Loss rate: 0.97%
```

Run 4: Report of LEDBAT — Data Link

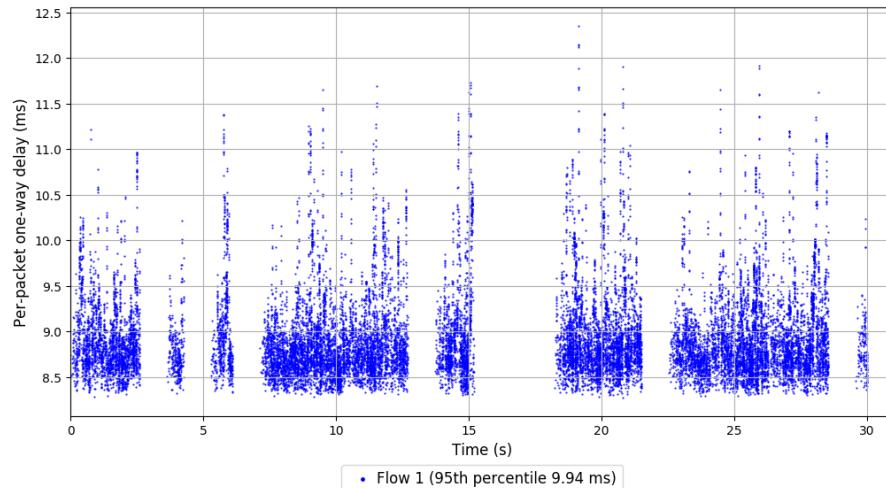
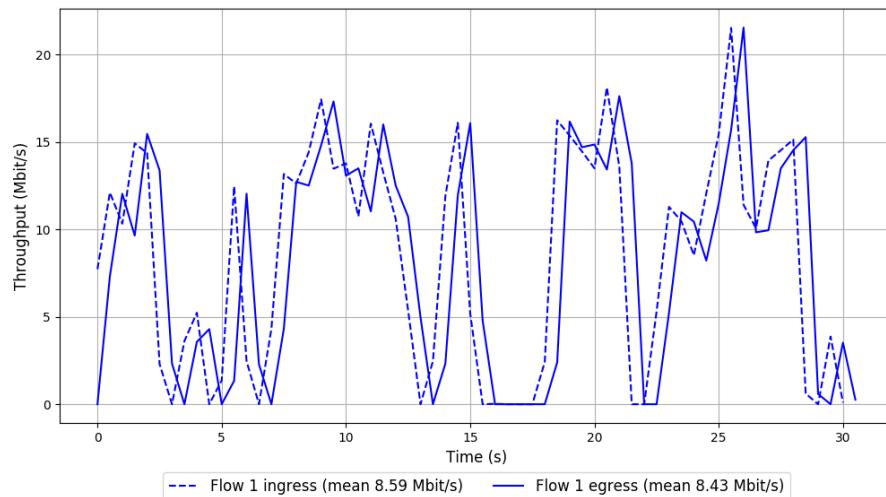


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-21 20:26:32
End at: 2018-08-21 20:27:02
Local clock offset: -0.947 ms
Remote clock offset: -62.442 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 9.942 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 9.942 ms
Loss rate: 1.83%
```

Run 5: Report of LEDBAT — Data Link

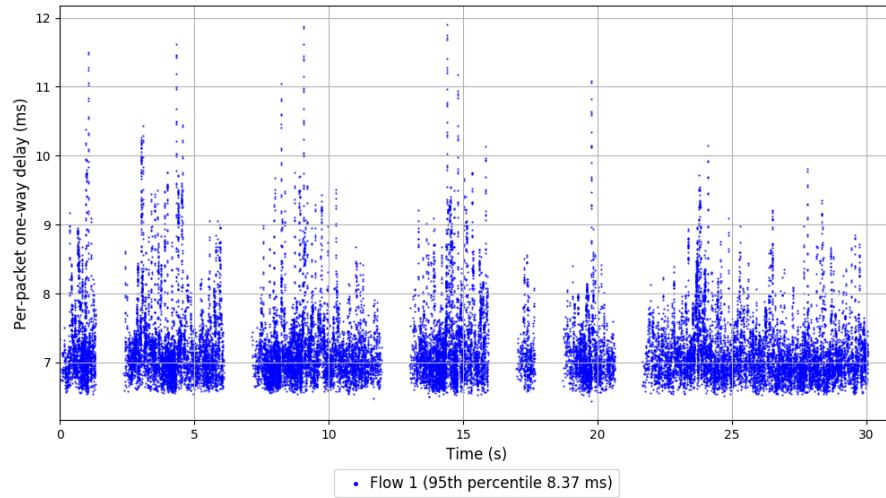
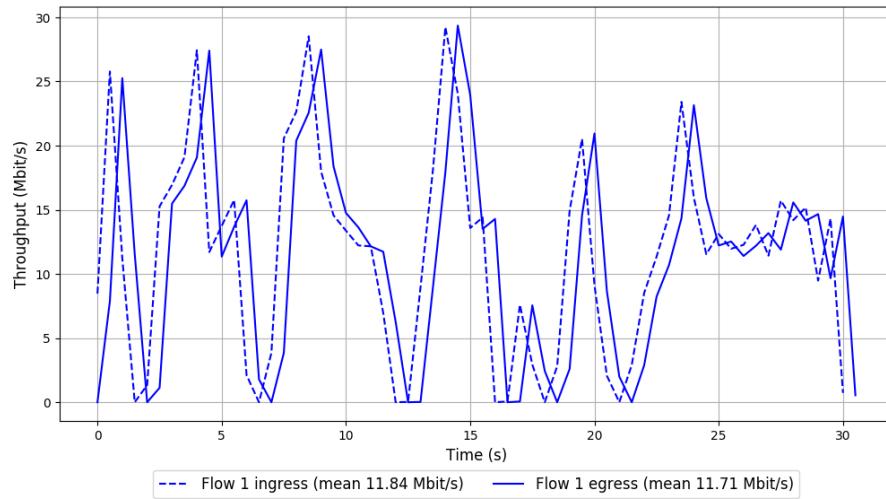


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-21 20:45:53
End at: 2018-08-21 20:46:23
Local clock offset: 0.781 ms
Remote clock offset: -63.106 ms

# Below is generated by plot.py at 2018-08-21 22:19:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 8.367 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 8.367 ms
Loss rate: 1.07%
```

Run 6: Report of LEDBAT — Data Link

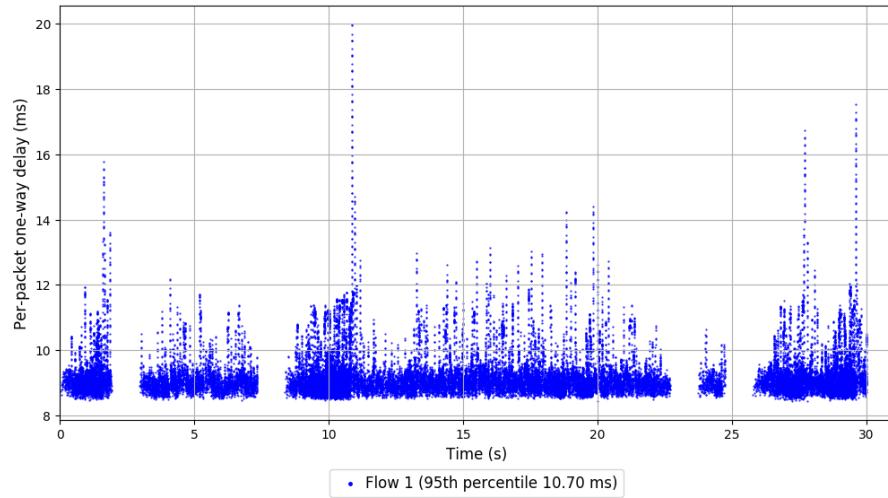
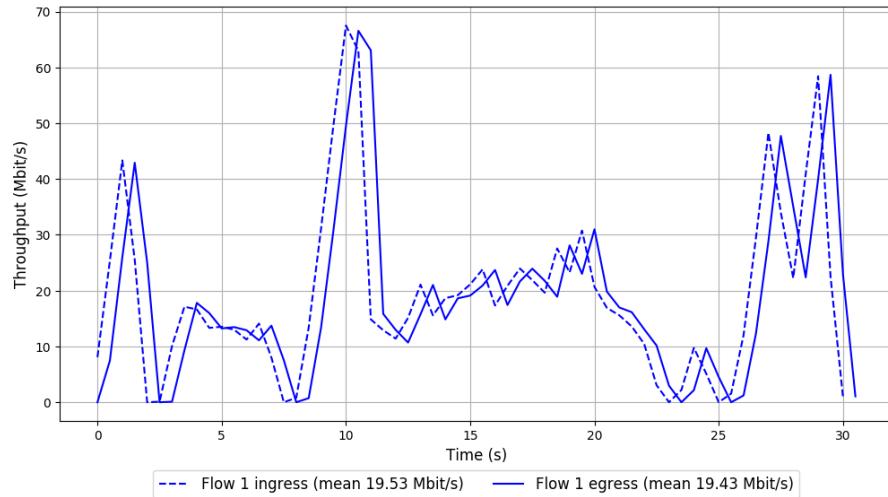


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-21 21:05:16
End at: 2018-08-21 21:05:46
Local clock offset: -0.459 ms
Remote clock offset: -62.029 ms

# Below is generated by plot.py at 2018-08-21 22:19:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 10.702 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 10.702 ms
Loss rate: 0.51%
```

Run 7: Report of LEDBAT — Data Link

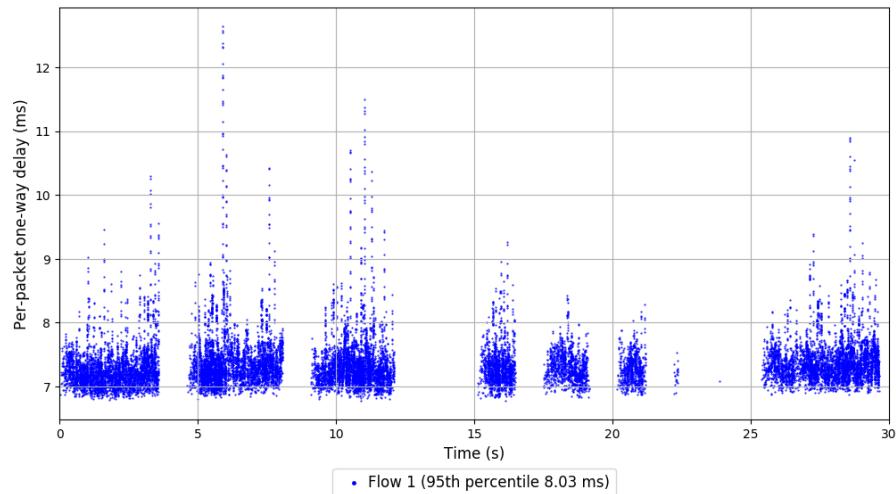
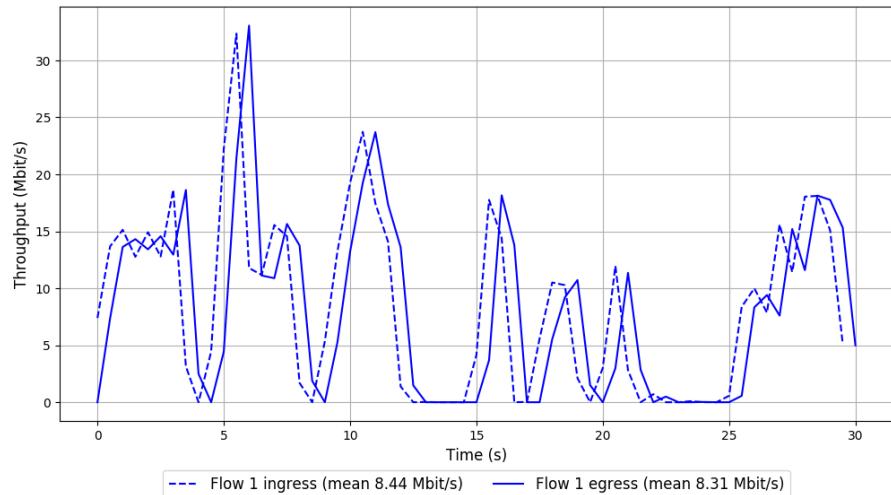


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-21 21:24:44
End at: 2018-08-21 21:25:14
Local clock offset: 2.33 ms
Remote clock offset: -62.59 ms

# Below is generated by plot.py at 2018-08-21 22:19:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 8.030 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 8.030 ms
Loss rate: 1.54%
```

Run 8: Report of LEDBAT — Data Link

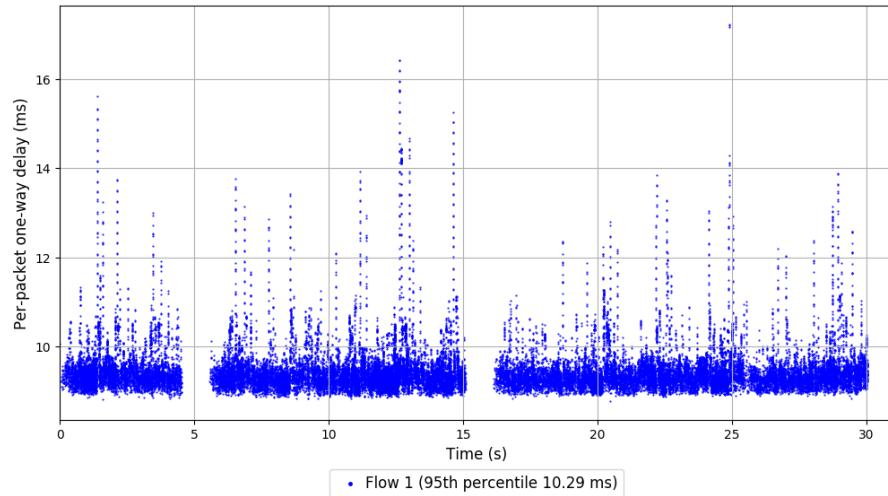
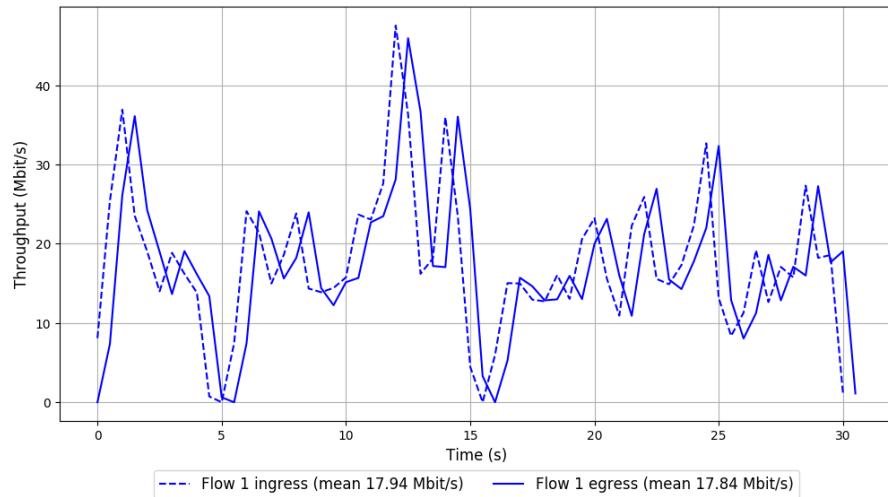


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-21 21:44:14
End at: 2018-08-21 21:44:44
Local clock offset: -0.428 ms
Remote clock offset: -64.889 ms

# Below is generated by plot.py at 2018-08-21 22:19:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 10.287 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 10.287 ms
Loss rate: 0.59%
```

Run 9: Report of LEDBAT — Data Link

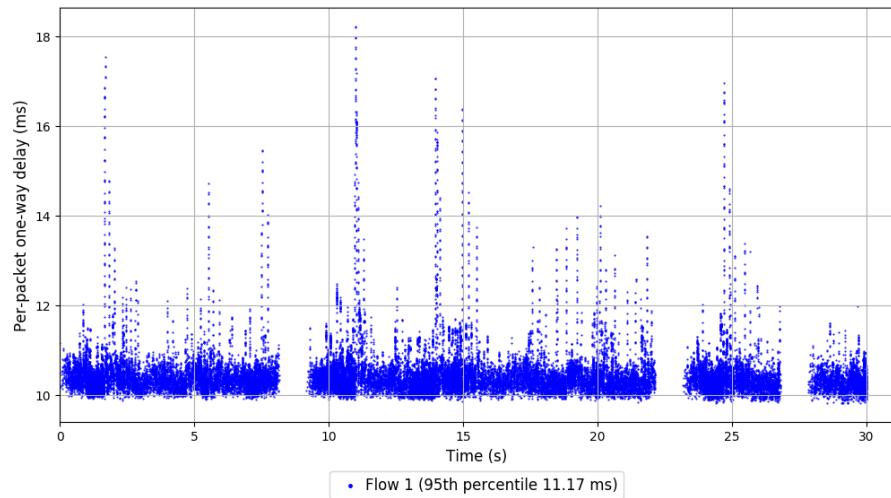
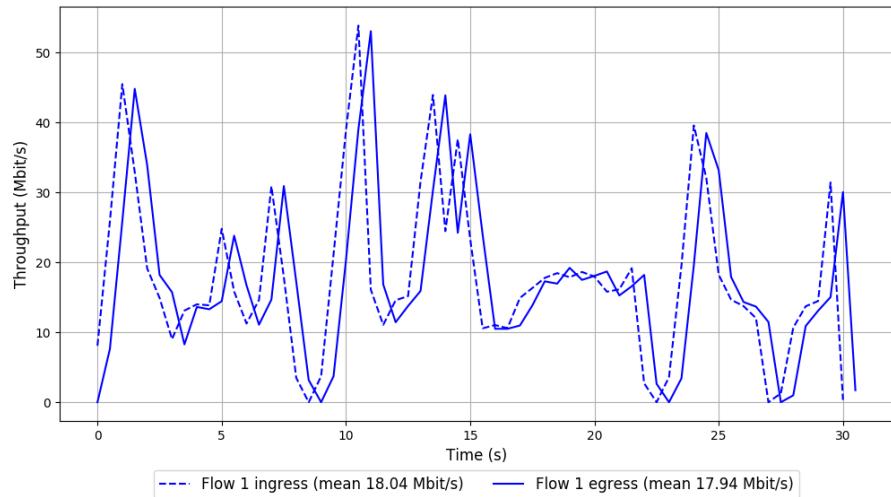


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-21 22:03:23
End at: 2018-08-21 22:03:53
Local clock offset: -1.349 ms
Remote clock offset: -58.611 ms

# Below is generated by plot.py at 2018-08-21 22:19:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 11.171 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 11.171 ms
Loss rate: 0.52%
```

Run 10: Report of LEDBAT — Data Link

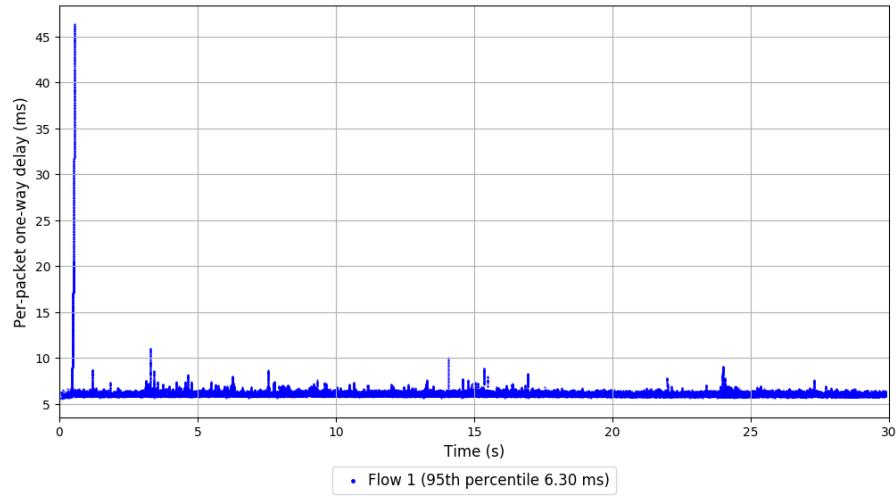
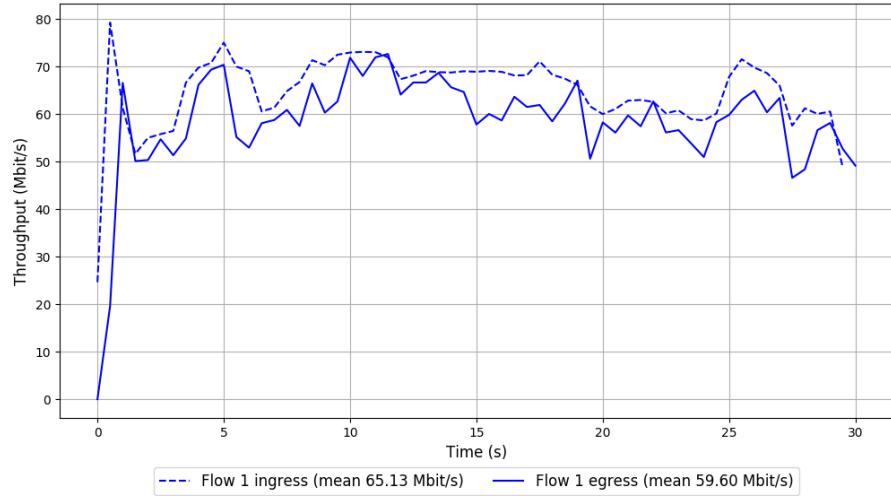


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-08-21 19:08:21
End at: 2018-08-21 19:08:51
Local clock offset: 1.108 ms
Remote clock offset: -64.362 ms

# Below is generated by plot.py at 2018-08-21 22:20:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 6.300 ms
Loss rate: 8.50%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 6.300 ms
Loss rate: 8.50%
```

Run 1: Report of PCC-Allegro — Data Link

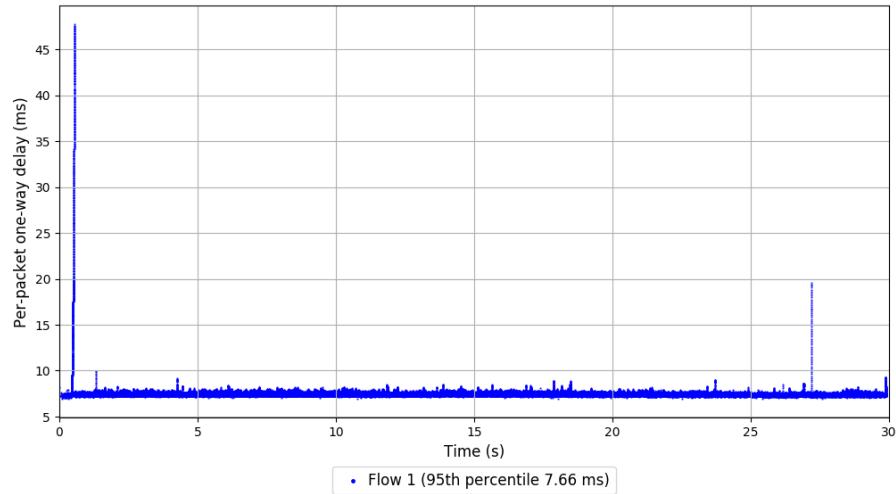
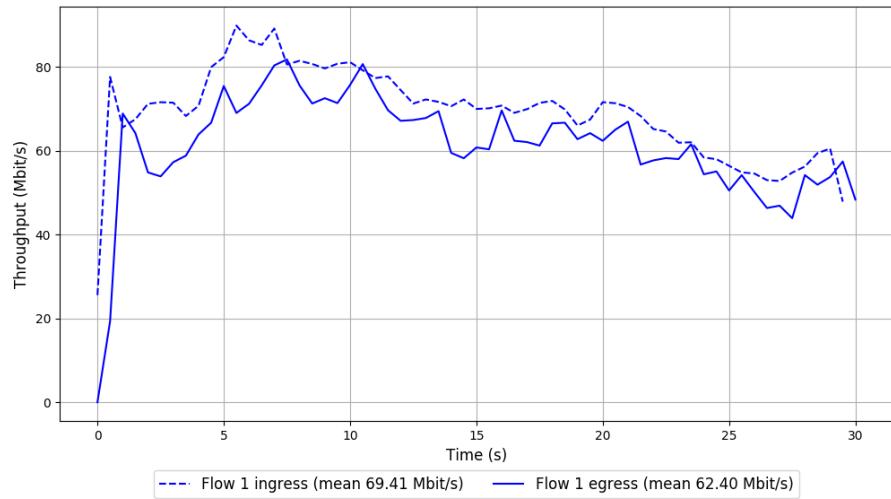


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-21 19:27:37
End at: 2018-08-21 19:28:08
Local clock offset: 0.892 ms
Remote clock offset: -61.802 ms

# Below is generated by plot.py at 2018-08-21 22:20:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 7.655 ms
Loss rate: 10.10%
-- Flow 1:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 7.655 ms
Loss rate: 10.10%
```

Run 2: Report of PCC-Allegro — Data Link

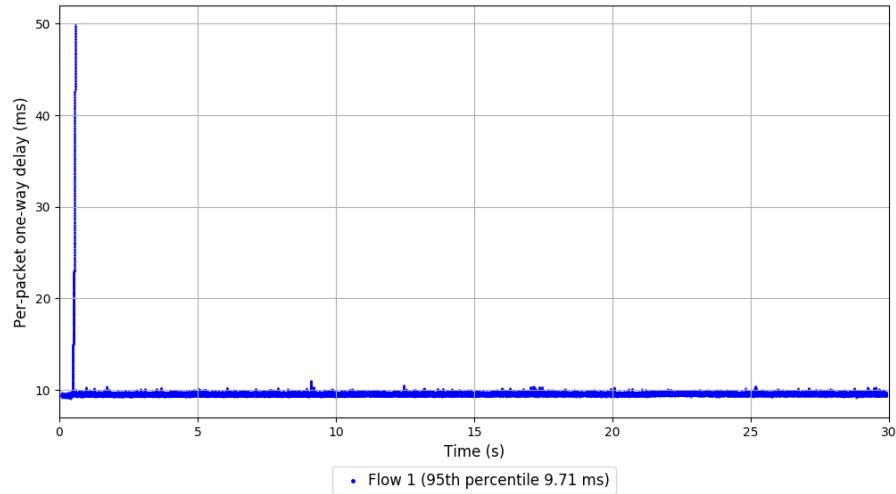
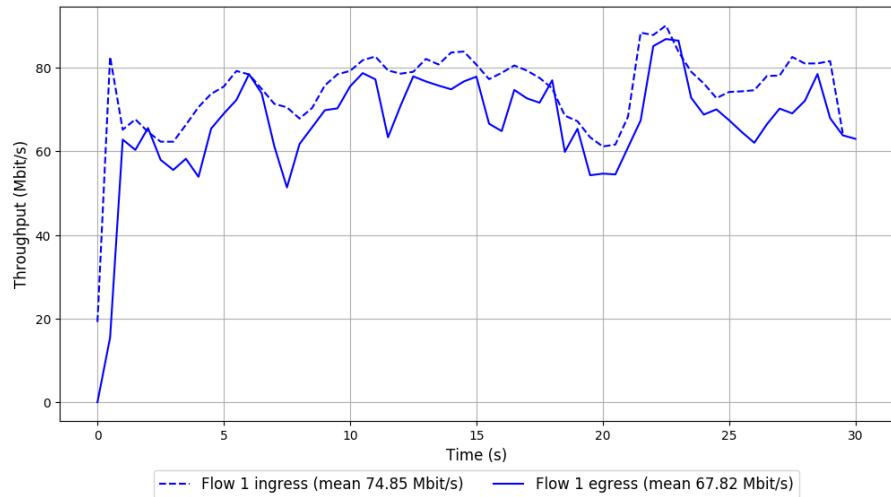


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-21 19:46:56
End at: 2018-08-21 19:47:26
Local clock offset: -0.156 ms
Remote clock offset: -62.454 ms

# Below is generated by plot.py at 2018-08-21 22:20:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: 9.705 ms
Loss rate: 9.40%
-- Flow 1:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: 9.705 ms
Loss rate: 9.40%
```

Run 3: Report of PCC-Allegro — Data Link

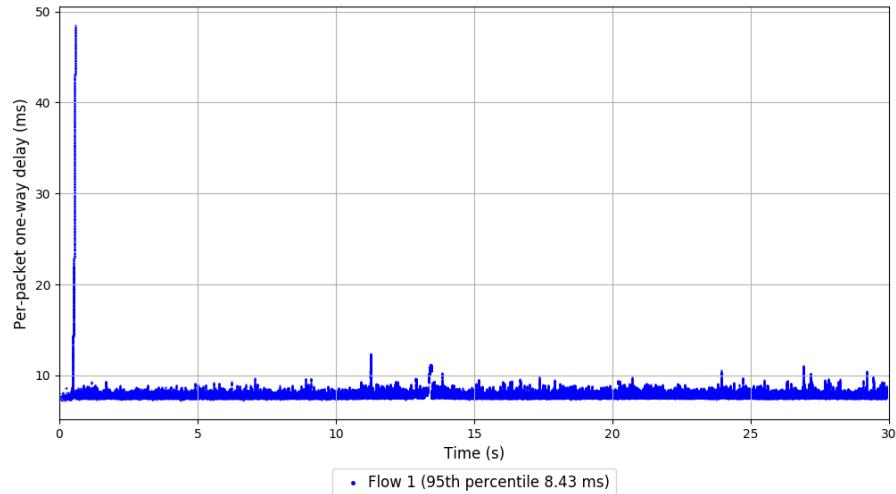
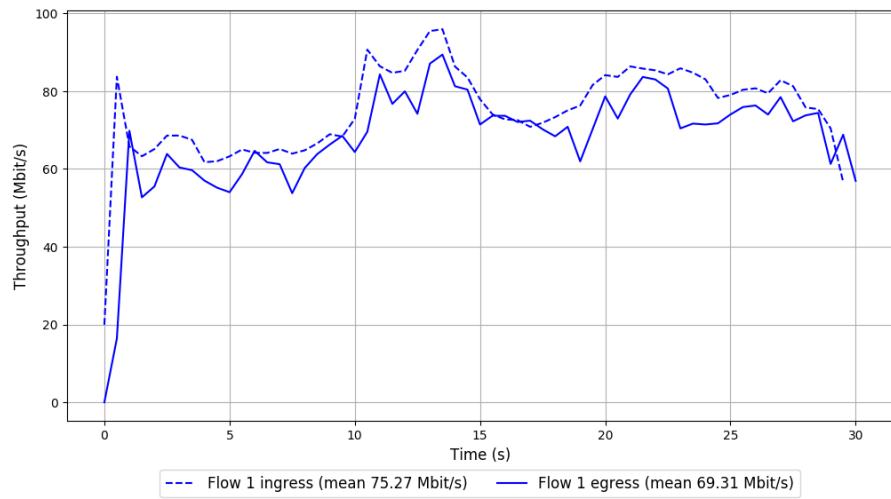


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-21 20:06:04
End at: 2018-08-21 20:06:34
Local clock offset: 0.93 ms
Remote clock offset: -62.013 ms

# Below is generated by plot.py at 2018-08-21 22:20:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.31 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 7.92%
-- Flow 1:
Average throughput: 69.31 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 7.92%
```

Run 4: Report of PCC-Allegro — Data Link

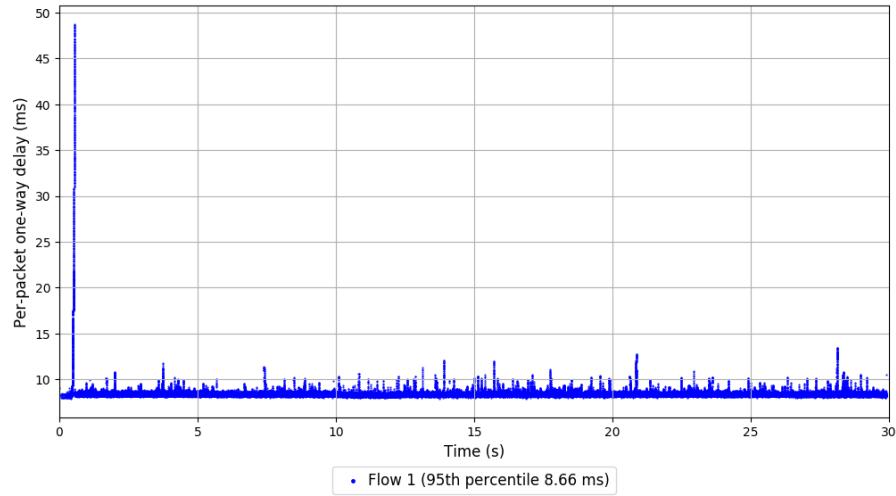
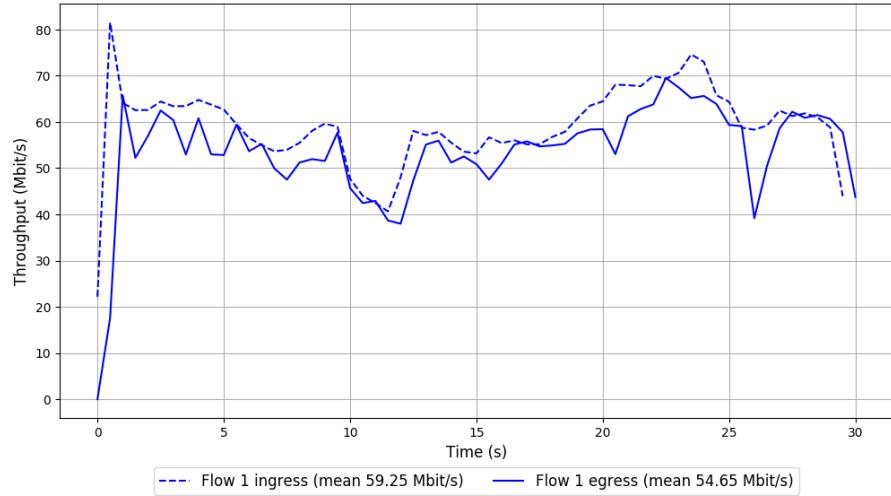


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-21 20:25:25
End at: 2018-08-21 20:25:55
Local clock offset: -1.789 ms
Remote clock offset: -62.724 ms

# Below is generated by plot.py at 2018-08-21 22:20:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.65 Mbit/s
95th percentile per-packet one-way delay: 8.661 ms
Loss rate: 7.76%
-- Flow 1:
Average throughput: 54.65 Mbit/s
95th percentile per-packet one-way delay: 8.661 ms
Loss rate: 7.76%
```

Run 5: Report of PCC-Allegro — Data Link

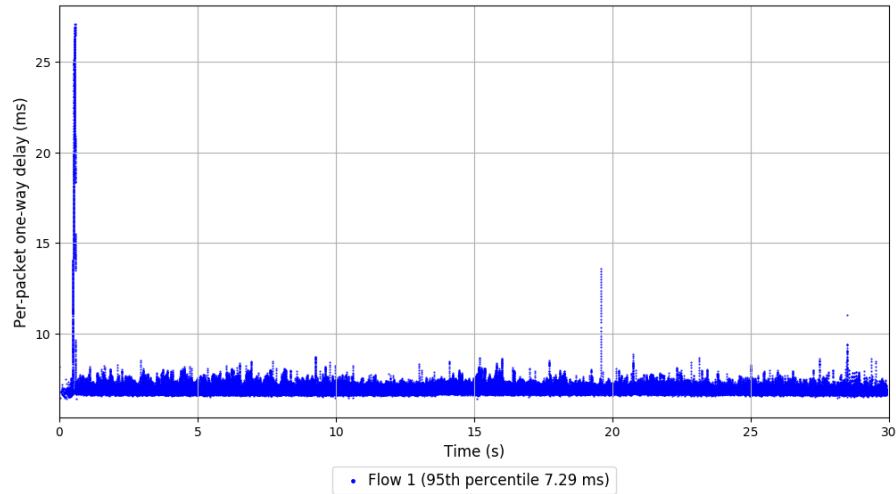
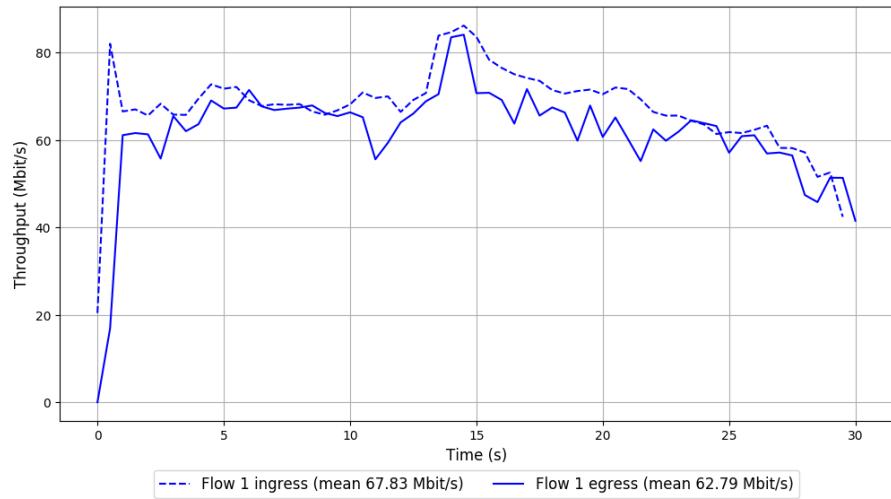


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-21 20:44:46
End at: 2018-08-21 20:45:16
Local clock offset: 0.819 ms
Remote clock offset: -63.069 ms

# Below is generated by plot.py at 2018-08-21 22:20:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 7.287 ms
Loss rate: 7.42%
-- Flow 1:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 7.287 ms
Loss rate: 7.42%
```

Run 6: Report of PCC-Allegro — Data Link

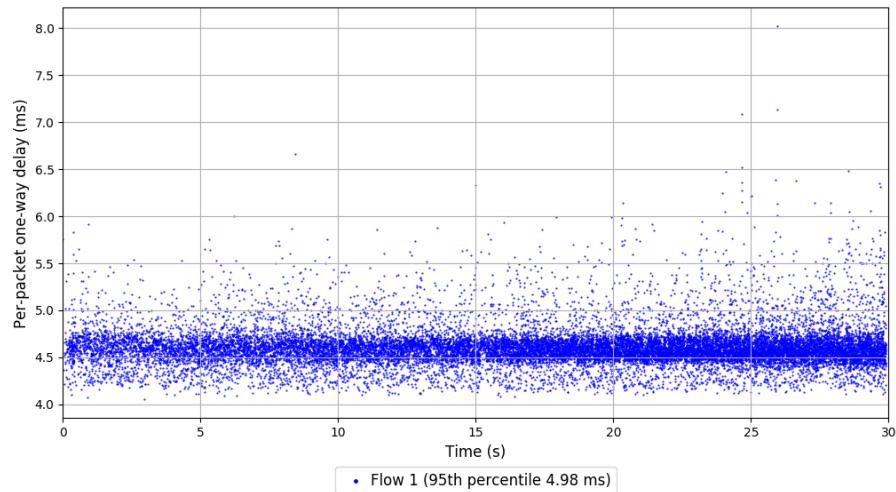
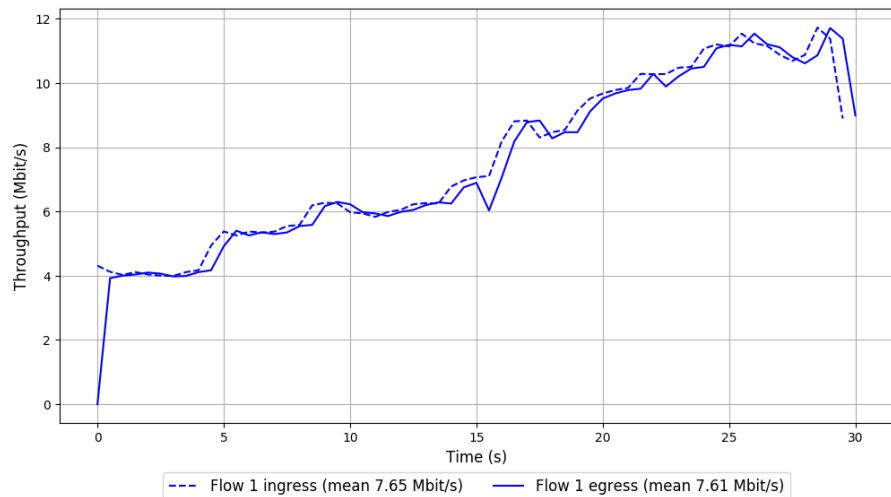


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-21 21:04:11
End at: 2018-08-21 21:04:41
Local clock offset: 2.652 ms
Remote clock offset: -62.243 ms

# Below is generated by plot.py at 2018-08-21 22:20:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 4.977 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 4.977 ms
Loss rate: 0.57%
```

Run 7: Report of PCC-Allegro — Data Link

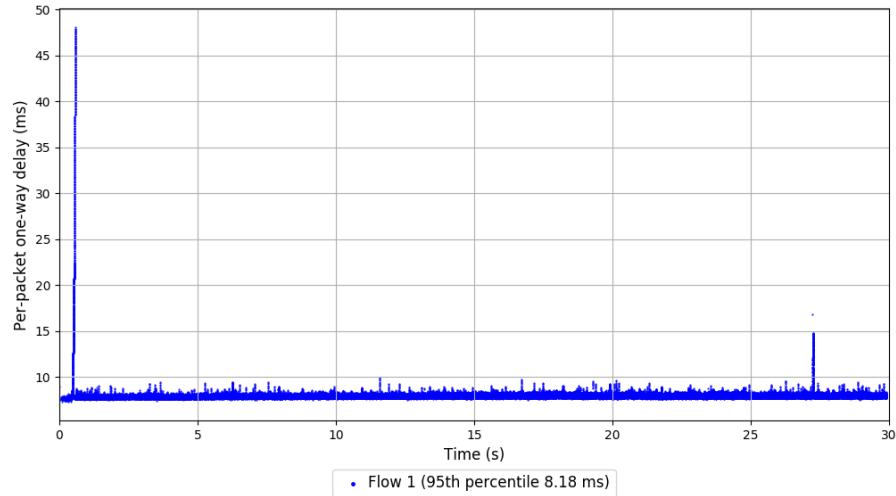
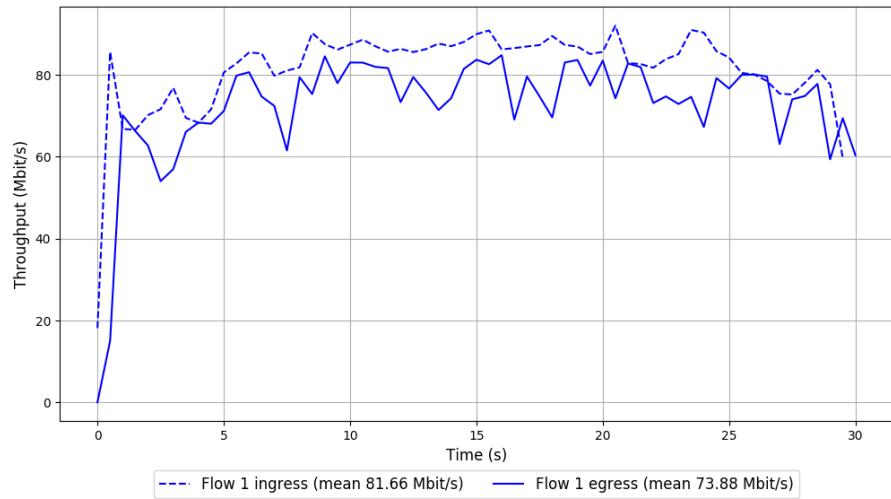


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-21 21:23:33
End at: 2018-08-21 21:24:03
Local clock offset: -0.014 ms
Remote clock offset: -63.107 ms

# Below is generated by plot.py at 2018-08-21 22:20:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 8.184 ms
Loss rate: 9.53%
-- Flow 1:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 8.184 ms
Loss rate: 9.53%
```

Run 8: Report of PCC-Allegro — Data Link

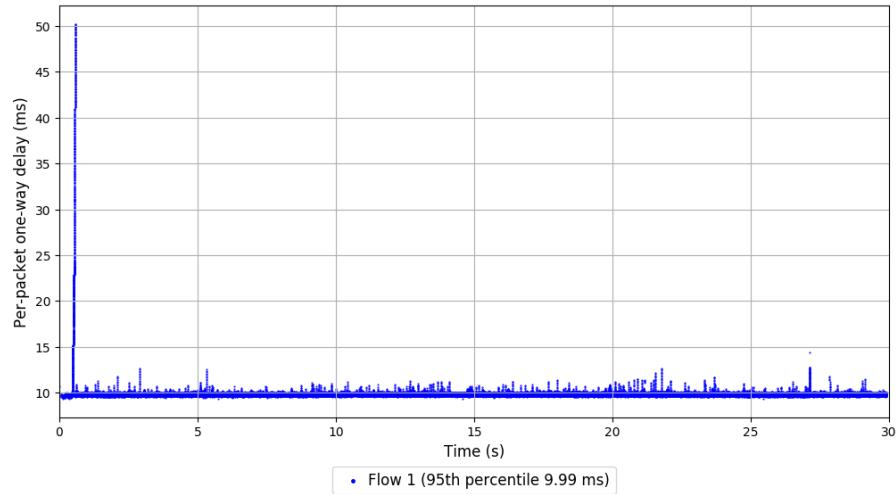
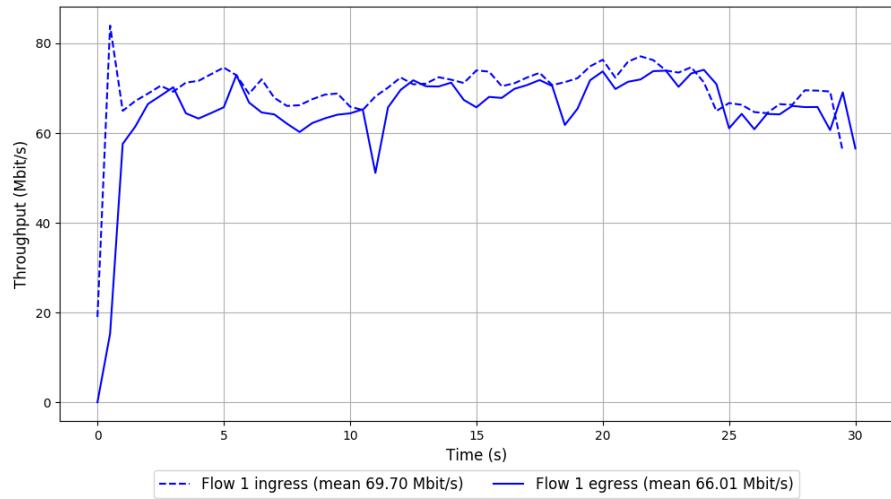


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-21 21:43:06
End at: 2018-08-21 21:43:36
Local clock offset: -1.344 ms
Remote clock offset: -65.101 ms

# Below is generated by plot.py at 2018-08-21 22:20:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 9.986 ms
Loss rate: 5.30%
-- Flow 1:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 9.986 ms
Loss rate: 5.30%
```

Run 9: Report of PCC-Allegro — Data Link

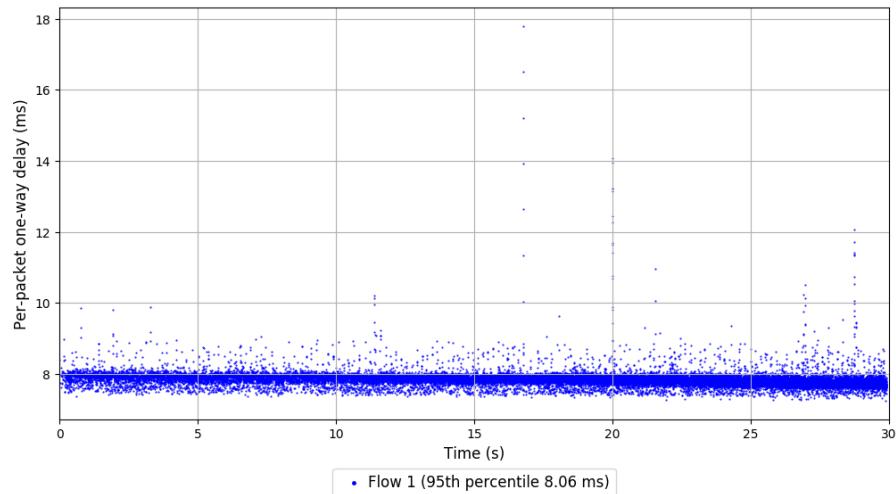
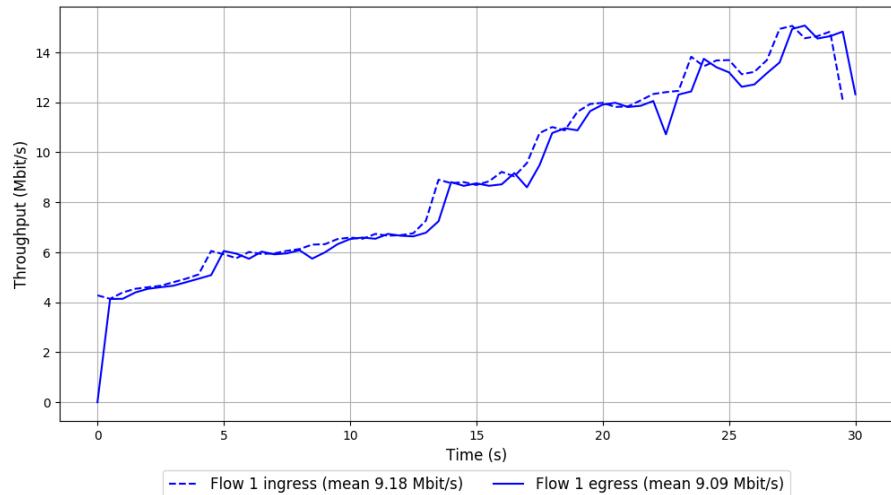


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-21 22:02:18
End at: 2018-08-21 22:02:48
Local clock offset: -0.087 ms
Remote clock offset: -59.016 ms

# Below is generated by plot.py at 2018-08-21 22:20:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 8.056 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 8.056 ms
Loss rate: 1.03%
```

Run 10: Report of PCC-Allegro — Data Link

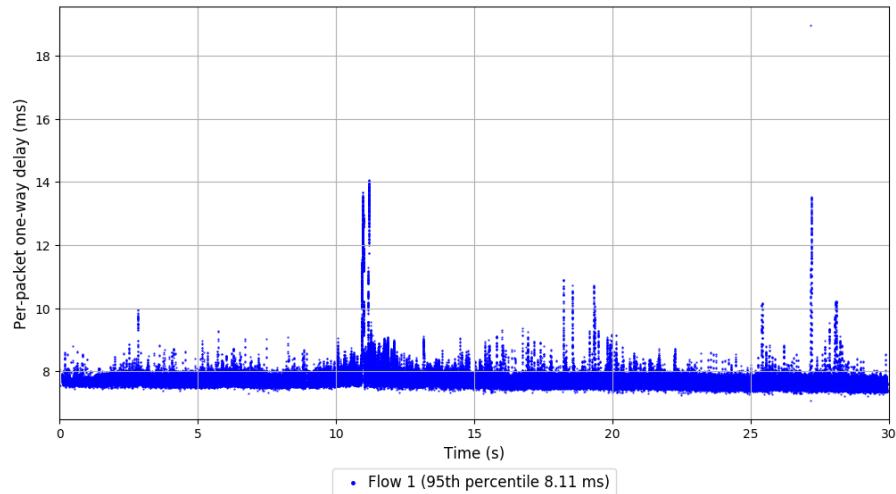
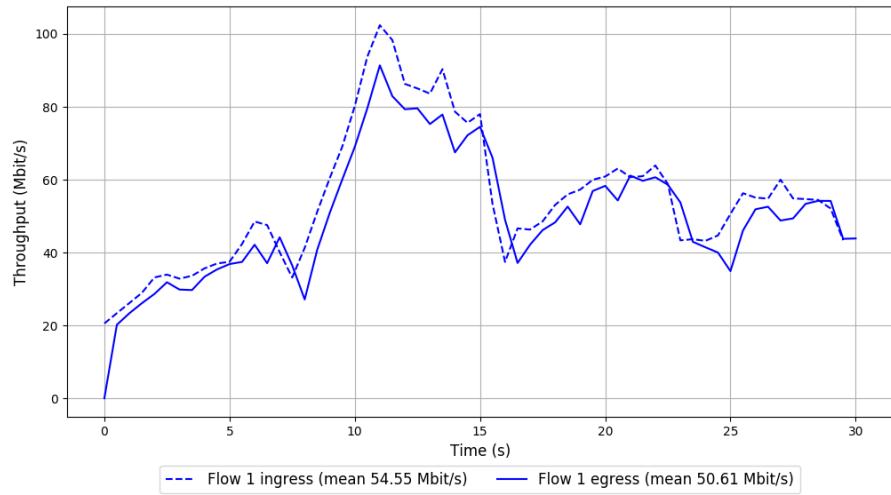


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-08-21 19:01:25
End at: 2018-08-21 19:01:55
Local clock offset: -0.112 ms
Remote clock offset: -65.882 ms

# Below is generated by plot.py at 2018-08-21 22:21:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.61 Mbit/s
95th percentile per-packet one-way delay: 8.109 ms
Loss rate: 7.23%
-- Flow 1:
Average throughput: 50.61 Mbit/s
95th percentile per-packet one-way delay: 8.109 ms
Loss rate: 7.23%
```

Run 1: Report of PCC-Expr — Data Link

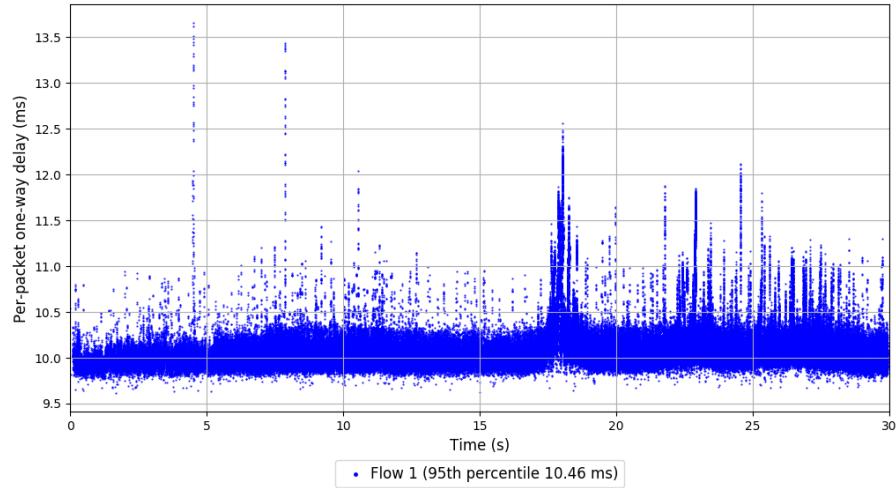
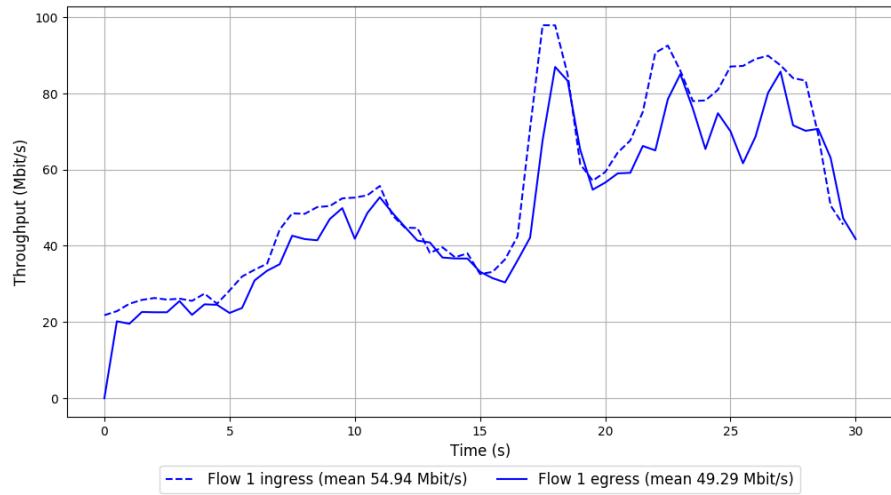


Run 2: Statistics of PCC-Expr

```
Start at: 2018-08-21 19:20:44
End at: 2018-08-21 19:21:14
Local clock offset: -1.666 ms
Remote clock offset: -62.09 ms

# Below is generated by plot.py at 2018-08-21 22:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.29 Mbit/s
95th percentile per-packet one-way delay: 10.457 ms
Loss rate: 10.27%
-- Flow 1:
Average throughput: 49.29 Mbit/s
95th percentile per-packet one-way delay: 10.457 ms
Loss rate: 10.27%
```

Run 2: Report of PCC-Expr — Data Link

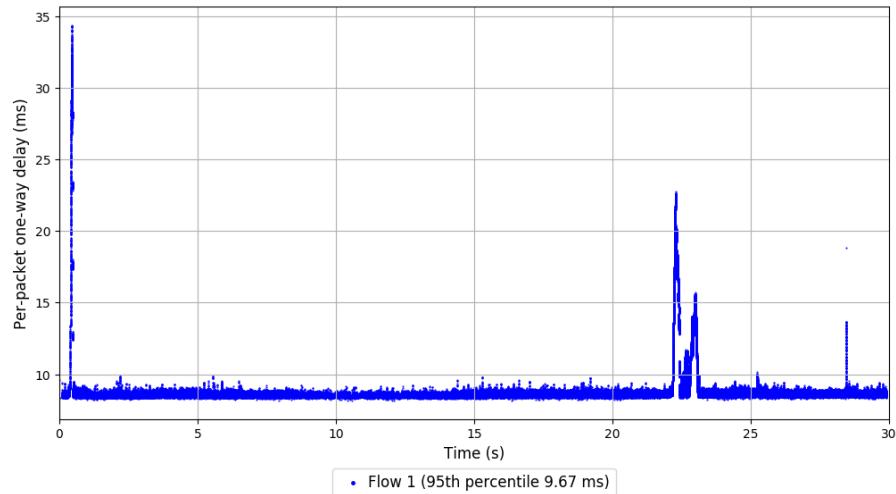
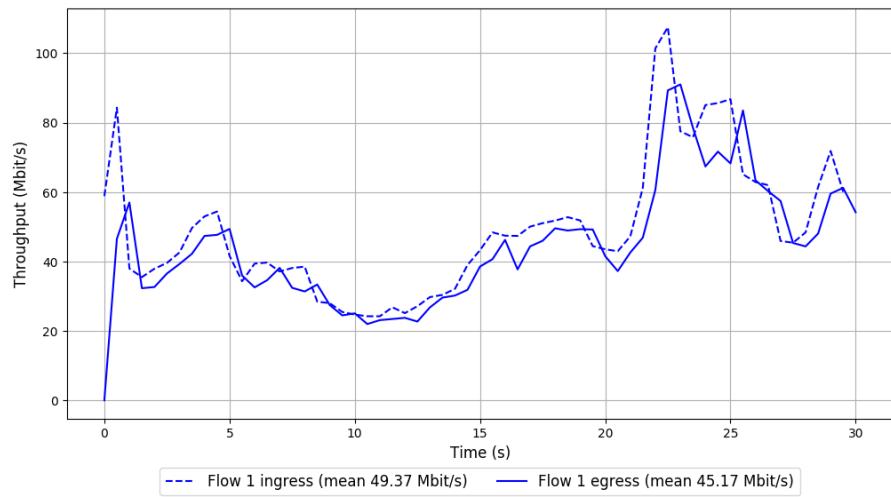


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-21 19:39:59
End at: 2018-08-21 19:40:29
Local clock offset: -0.287 ms
Remote clock offset: -62.117 ms

# Below is generated by plot.py at 2018-08-21 22:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 9.673 ms
Loss rate: 8.51%
-- Flow 1:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 9.673 ms
Loss rate: 8.51%
```

Run 3: Report of PCC-Expr — Data Link

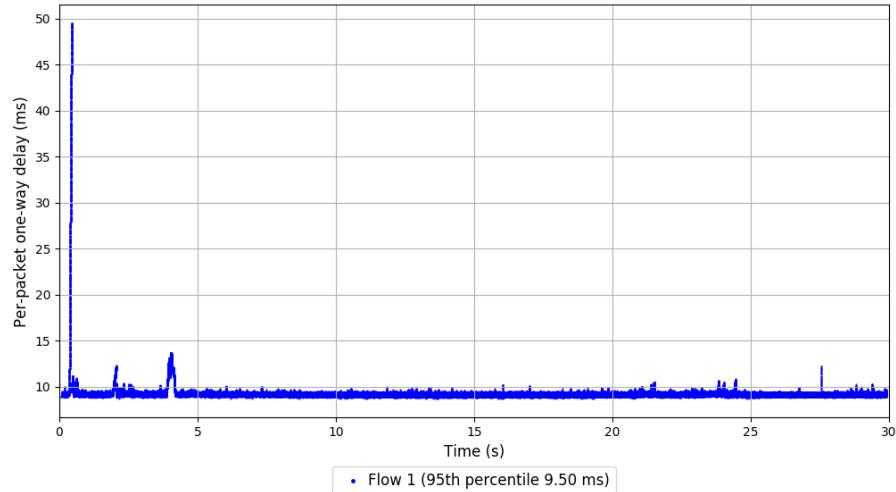
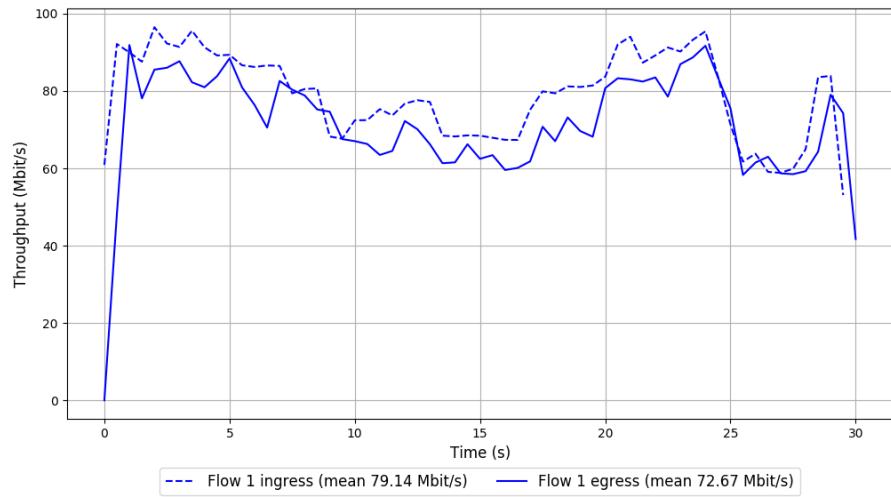


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-21 19:59:10
End at: 2018-08-21 19:59:40
Local clock offset: 0.69 ms
Remote clock offset: -61.907 ms

# Below is generated by plot.py at 2018-08-21 22:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: 9.498 ms
Loss rate: 8.17%
-- Flow 1:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: 9.498 ms
Loss rate: 8.17%
```

Run 4: Report of PCC-Expr — Data Link

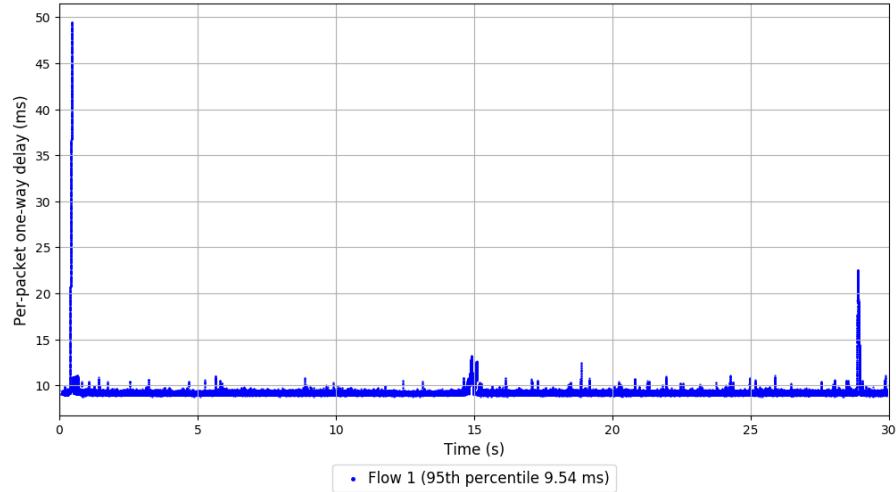
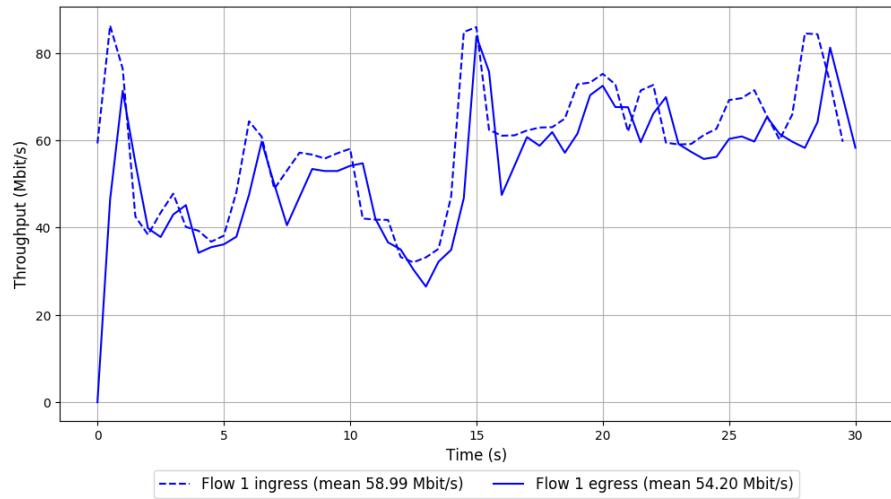


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-21 20:18:22
End at: 2018-08-21 20:18:52
Local clock offset: -1.239 ms
Remote clock offset: -62.471 ms

# Below is generated by plot.py at 2018-08-21 22:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.20 Mbit/s
95th percentile per-packet one-way delay: 9.535 ms
Loss rate: 8.13%
-- Flow 1:
Average throughput: 54.20 Mbit/s
95th percentile per-packet one-way delay: 9.535 ms
Loss rate: 8.13%
```

Run 5: Report of PCC-Expr — Data Link

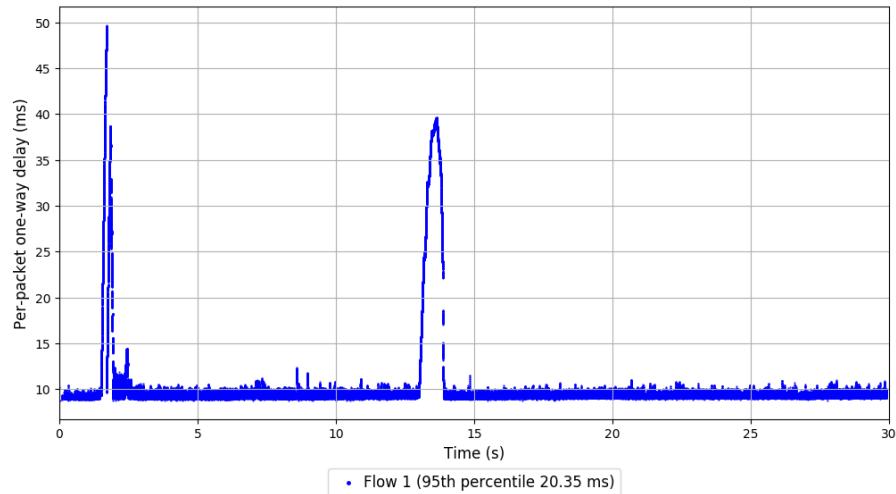
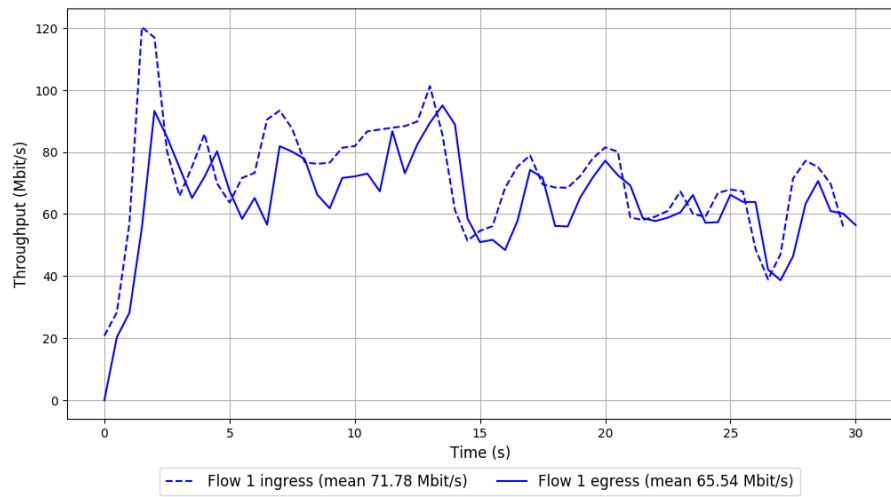


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-21 20:37:46
End at: 2018-08-21 20:38:16
Local clock offset: -2.369 ms
Remote clock offset: -63.165 ms

# Below is generated by plot.py at 2018-08-21 22:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.54 Mbit/s
95th percentile per-packet one-way delay: 20.347 ms
Loss rate: 8.69%
-- Flow 1:
Average throughput: 65.54 Mbit/s
95th percentile per-packet one-way delay: 20.347 ms
Loss rate: 8.69%
```

Run 6: Report of PCC-Expr — Data Link

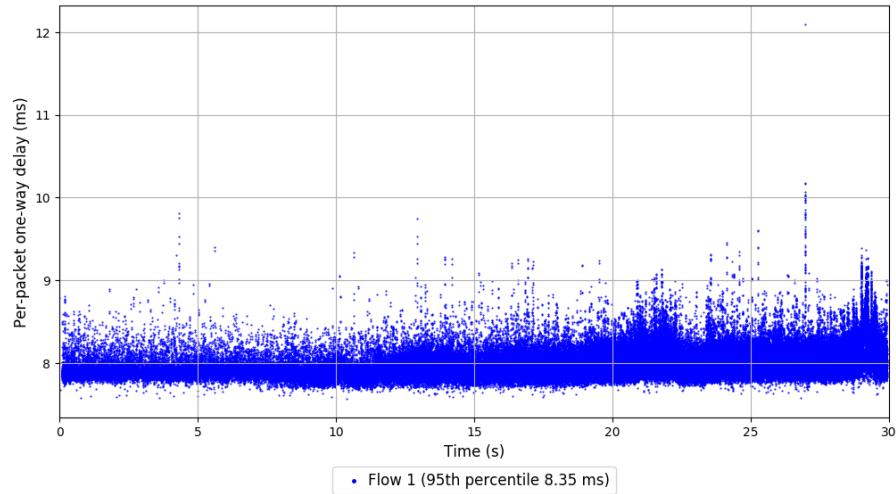
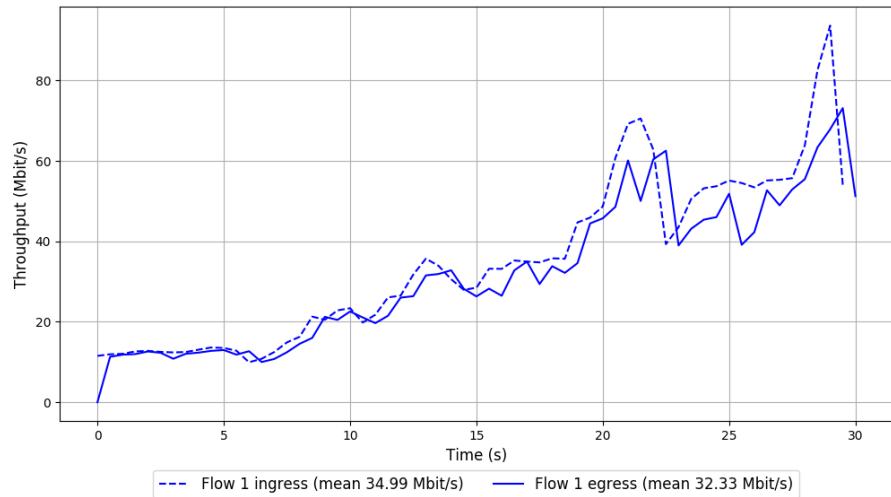


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-21 20:57:05
End at: 2018-08-21 20:57:35
Local clock offset: -0.32 ms
Remote clock offset: -62.025 ms

# Below is generated by plot.py at 2018-08-21 22:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 8.351 ms
Loss rate: 7.62%
-- Flow 1:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 8.351 ms
Loss rate: 7.62%
```

Run 7: Report of PCC-Expr — Data Link

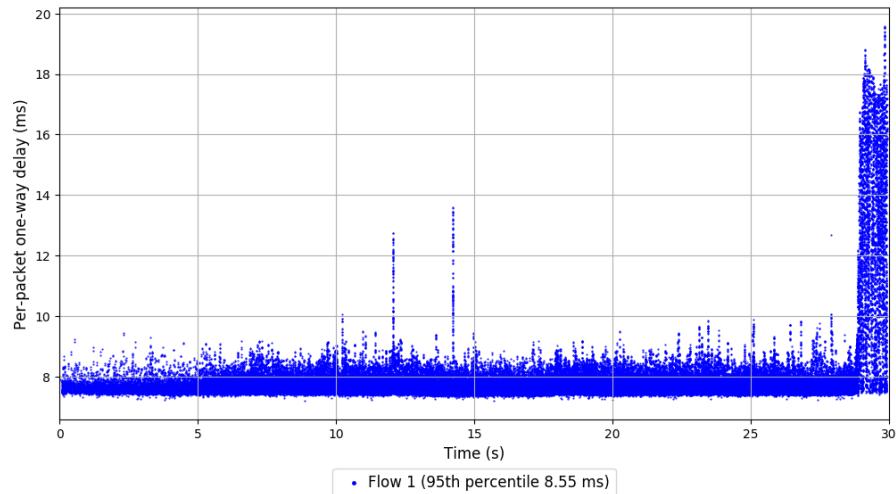
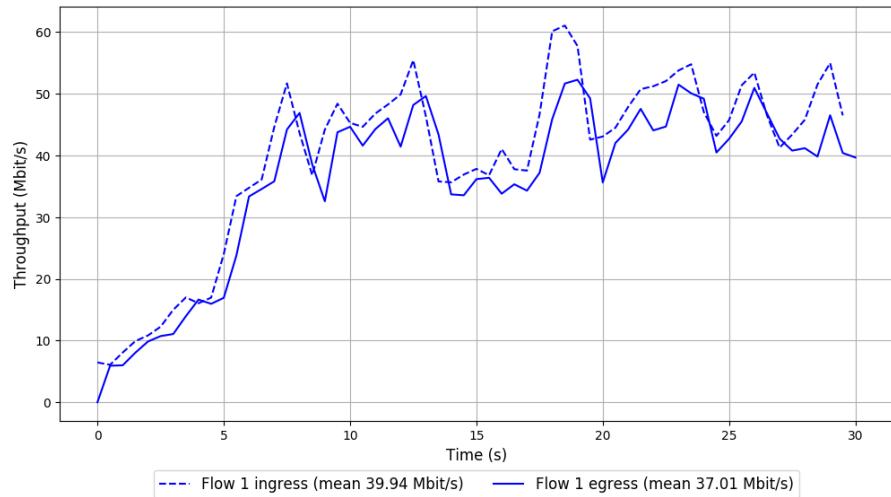


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-21 21:16:26
End at: 2018-08-21 21:16:56
Local clock offset: -0.288 ms
Remote clock offset: -61.851 ms

# Below is generated by plot.py at 2018-08-21 22:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 8.548 ms
Loss rate: 7.34%
-- Flow 1:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 8.548 ms
Loss rate: 7.34%
```

Run 8: Report of PCC-Expr — Data Link

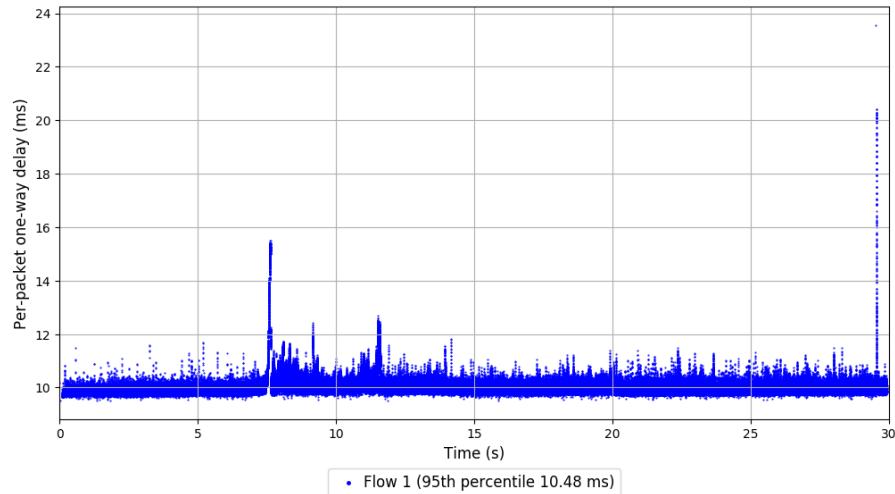
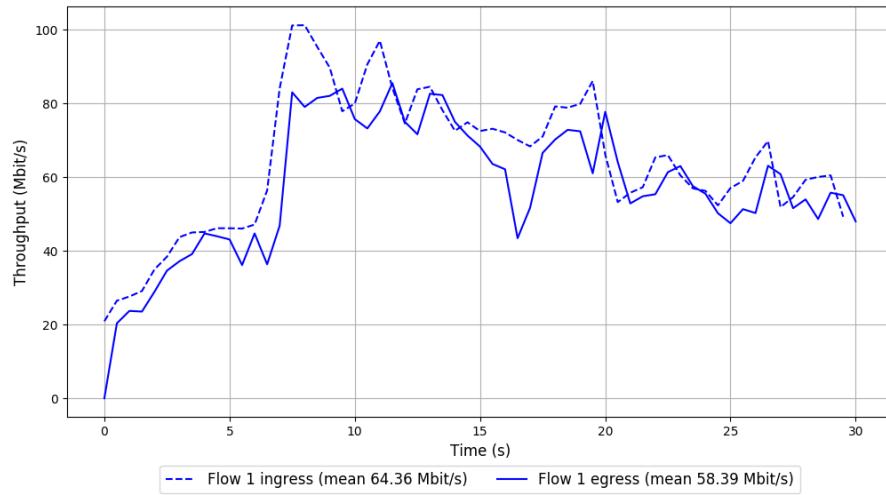


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-21 21:35:59
End at: 2018-08-21 21:36:29
Local clock offset: -1.321 ms
Remote clock offset: -63.886 ms

# Below is generated by plot.py at 2018-08-21 22:23:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 10.484 ms
Loss rate: 9.27%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 10.484 ms
Loss rate: 9.27%
```

Run 9: Report of PCC-Expr — Data Link

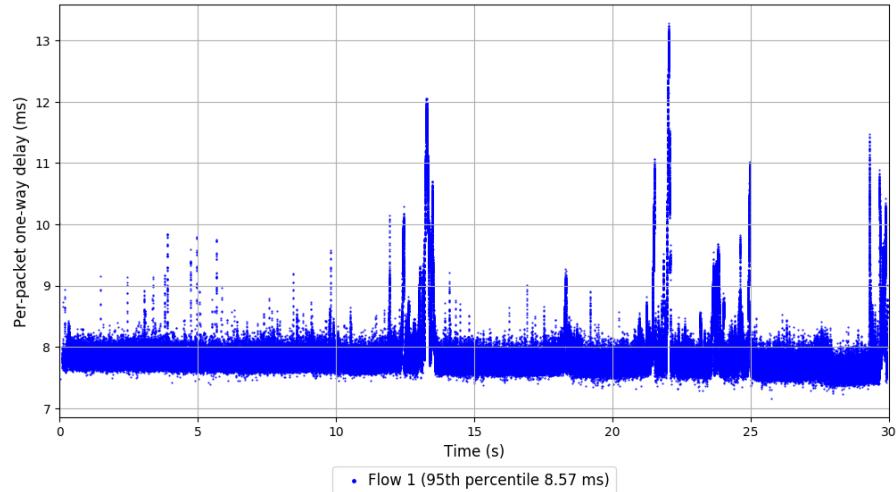
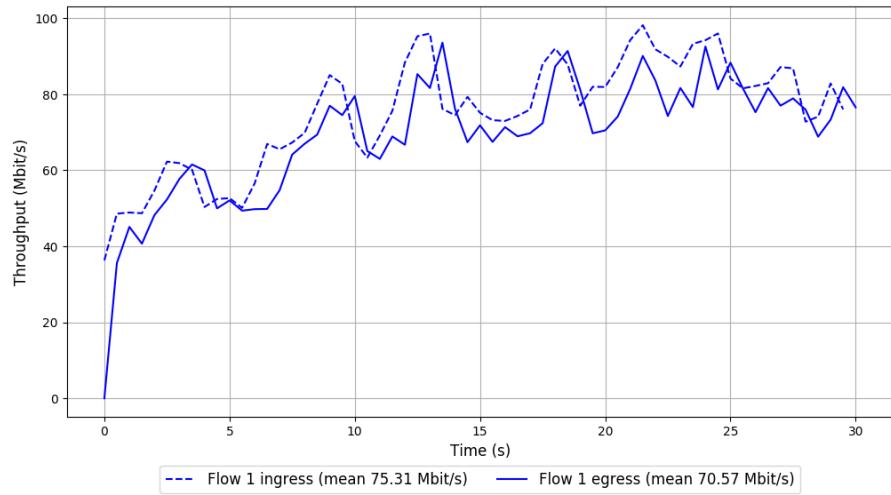


Run 10: Statistics of PCC-Expr

```
Start at: 2018-08-21 21:55:25
End at: 2018-08-21 21:55:55
Local clock offset: -0.415 ms
Remote clock offset: -62.403 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.57 Mbit/s
95th percentile per-packet one-way delay: 8.571 ms
Loss rate: 6.30%
-- Flow 1:
Average throughput: 70.57 Mbit/s
95th percentile per-packet one-way delay: 8.571 ms
Loss rate: 6.30%
```

Run 10: Report of PCC-Expr — Data Link

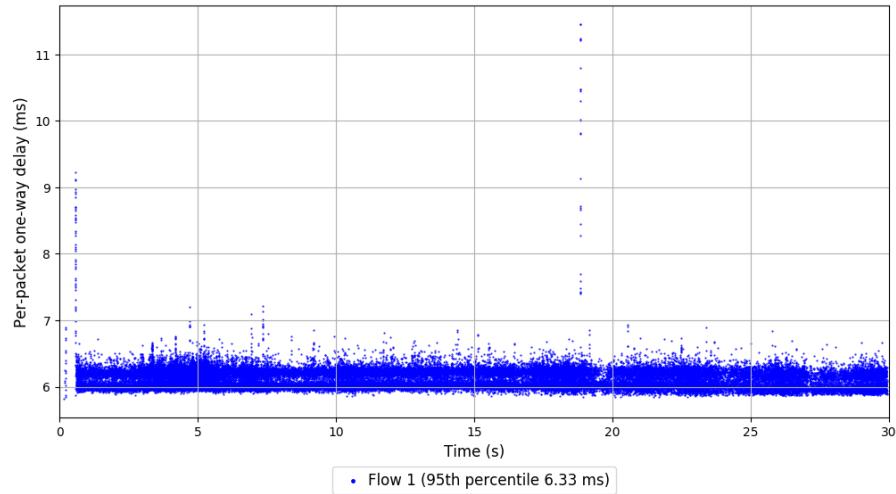
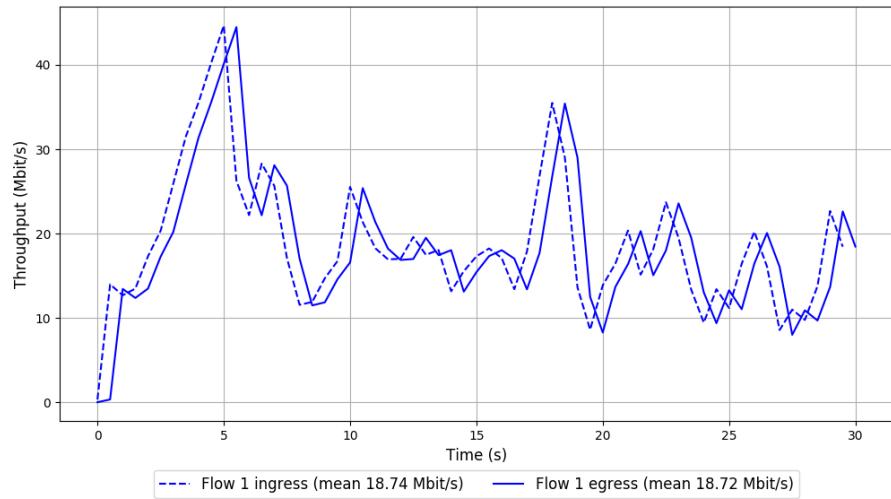


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-08-21 19:14:01
End at: 2018-08-21 19:14:31
Local clock offset: 2.269 ms
Remote clock offset: -63.319 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 6.331 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 6.331 ms
Loss rate: 0.61%
```

Run 1: Report of QUIC Cubic — Data Link

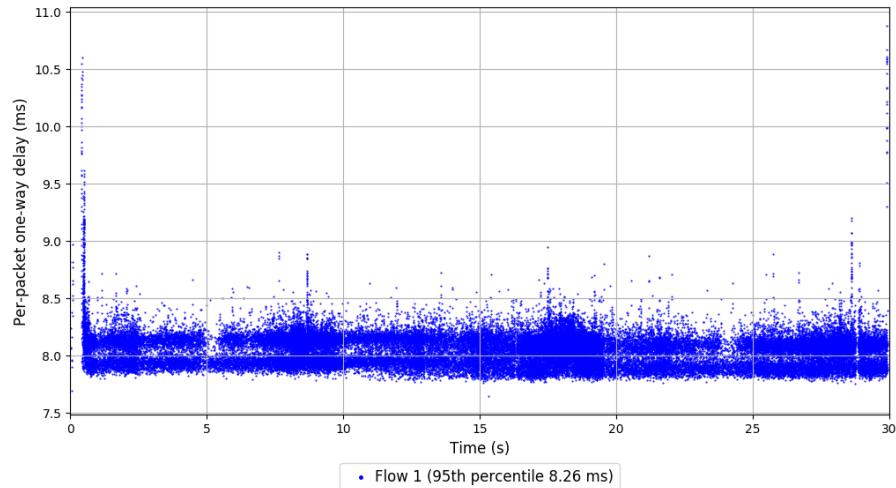
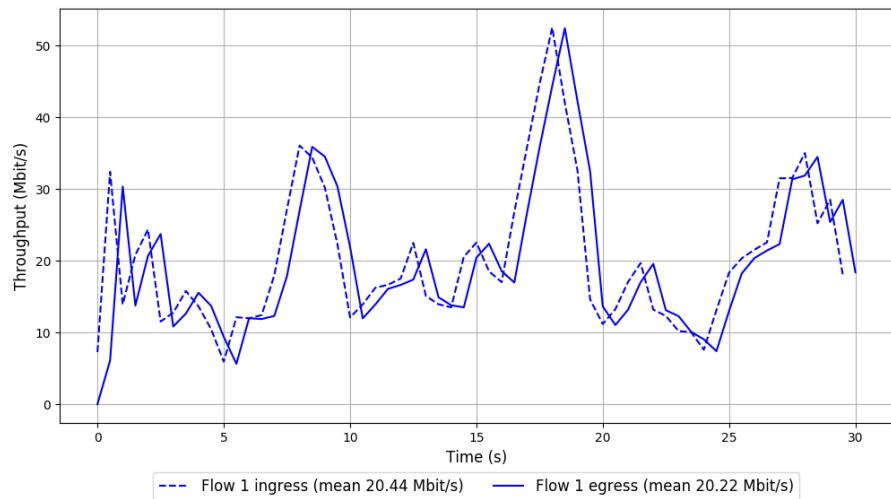


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-08-21 19:33:20
End at: 2018-08-21 19:33:50
Local clock offset: 0.18 ms
Remote clock offset: -62.268 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 8.258 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 8.258 ms
Loss rate: 1.06%
```

Run 2: Report of QUIC Cubic — Data Link

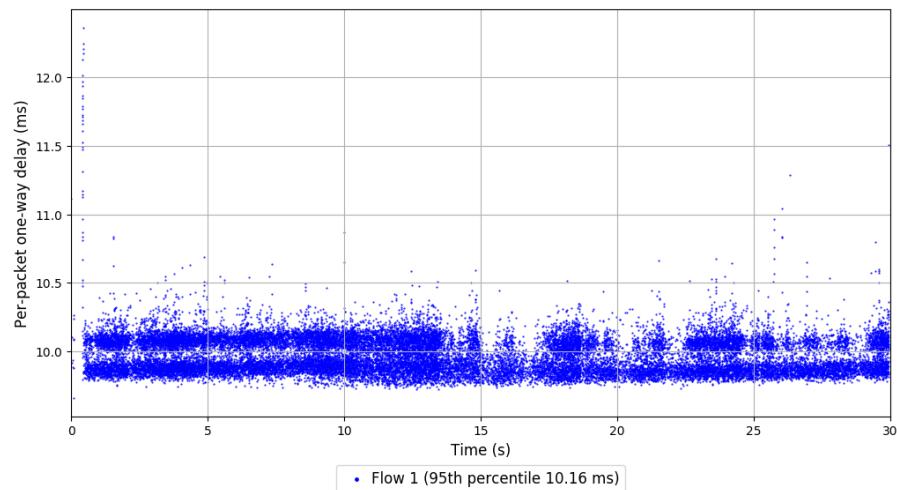
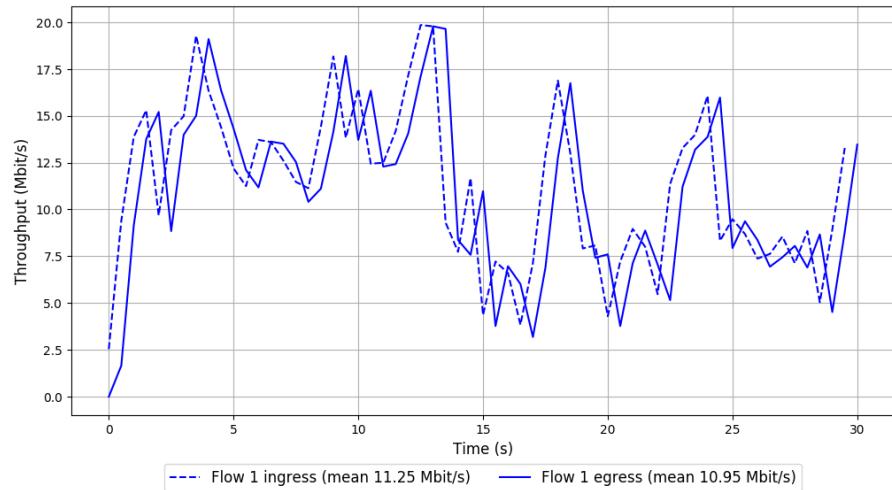


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-21 19:52:31
End at: 2018-08-21 19:53:01
Local clock offset: -0.461 ms
Remote clock offset: -62.255 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 10.165 ms
Loss rate: 2.63%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 10.165 ms
Loss rate: 2.63%
```

Run 3: Report of QUIC Cubic — Data Link

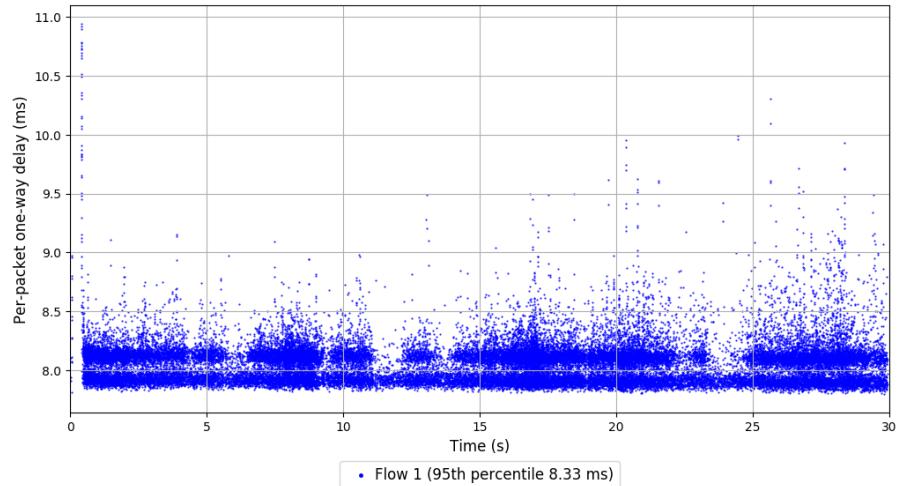
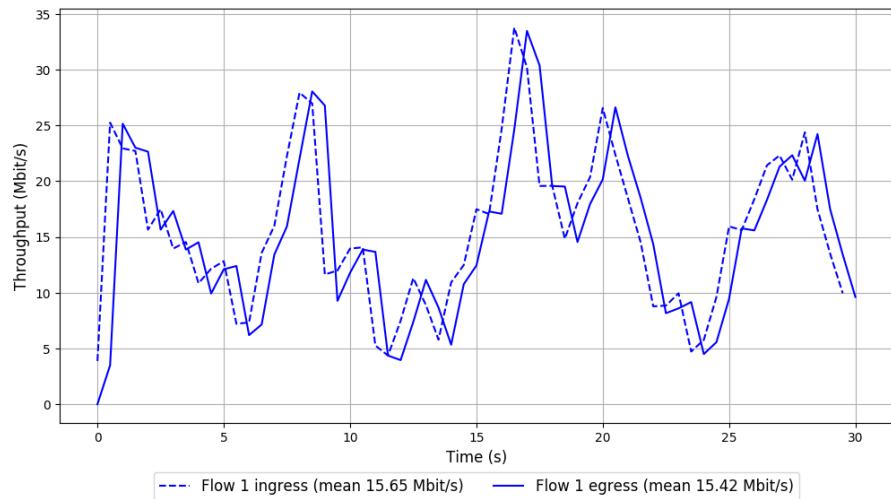


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-21 20:11:42
End at: 2018-08-21 20:12:12
Local clock offset: 0.211 ms
Remote clock offset: -62.431 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 8.327 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 8.327 ms
Loss rate: 1.48%
```

Run 4: Report of QUIC Cubic — Data Link

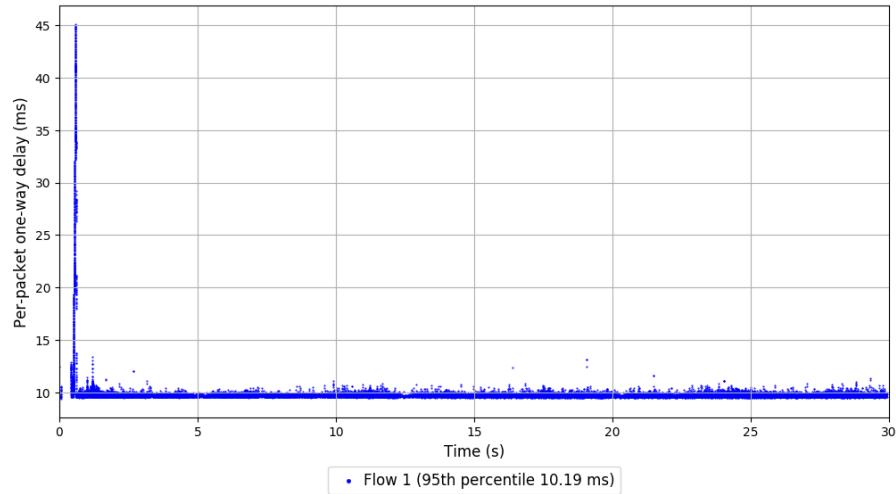
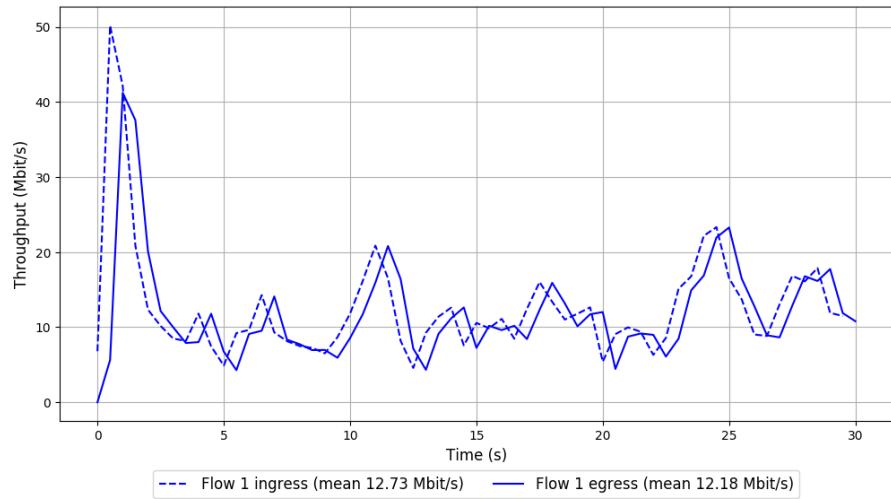


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-21 20:30:59
End at: 2018-08-21 20:31:29
Local clock offset: -2.484 ms
Remote clock offset: -62.588 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 10.185 ms
Loss rate: 4.31%
-- Flow 1:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 10.185 ms
Loss rate: 4.31%
```

Run 5: Report of QUIC Cubic — Data Link

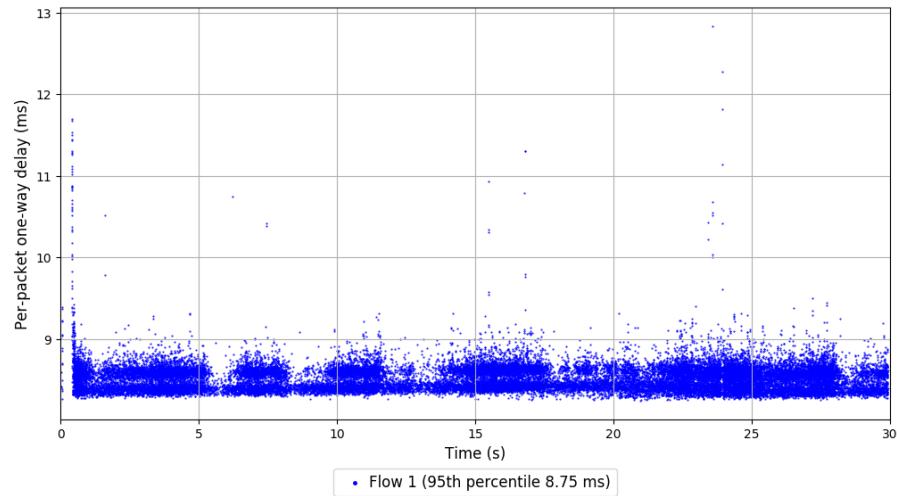
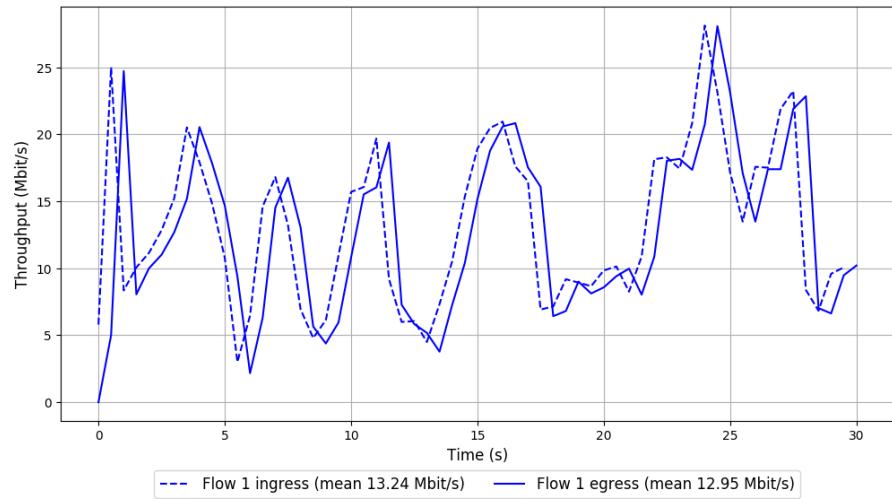


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-21 20:50:20
End at: 2018-08-21 20:50:50
Local clock offset: -0.507 ms
Remote clock offset: -62.528 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 8.751 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 8.751 ms
Loss rate: 2.19%
```

Run 6: Report of QUIC Cubic — Data Link

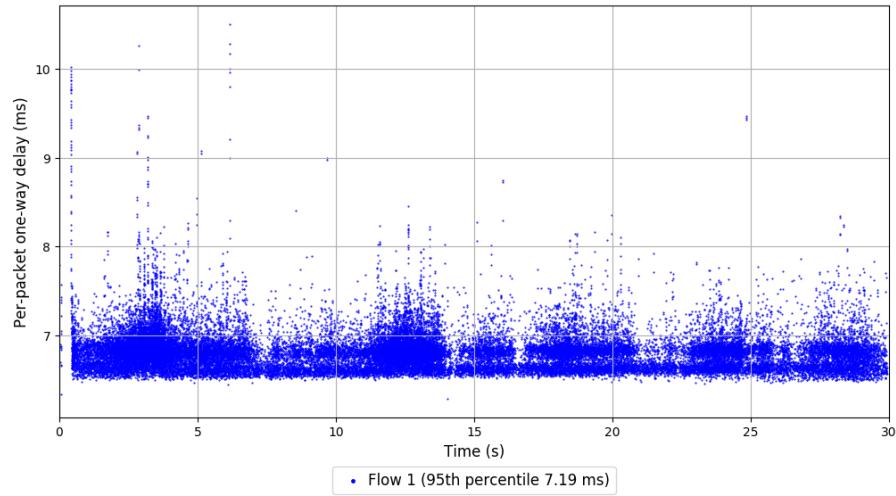
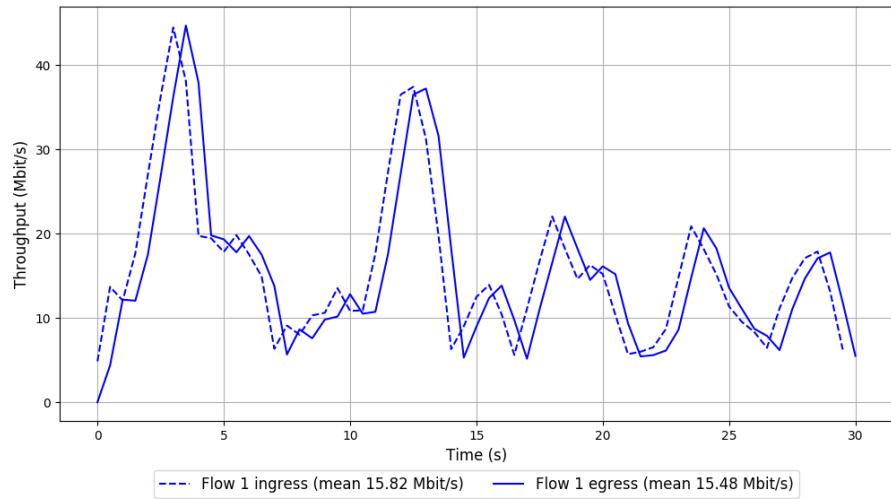


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-08-21 21:09:44
End at: 2018-08-21 21:10:14
Local clock offset: 0.983 ms
Remote clock offset: -61.615 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 7.194 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 7.194 ms
Loss rate: 2.14%
```

Run 7: Report of QUIC Cubic — Data Link

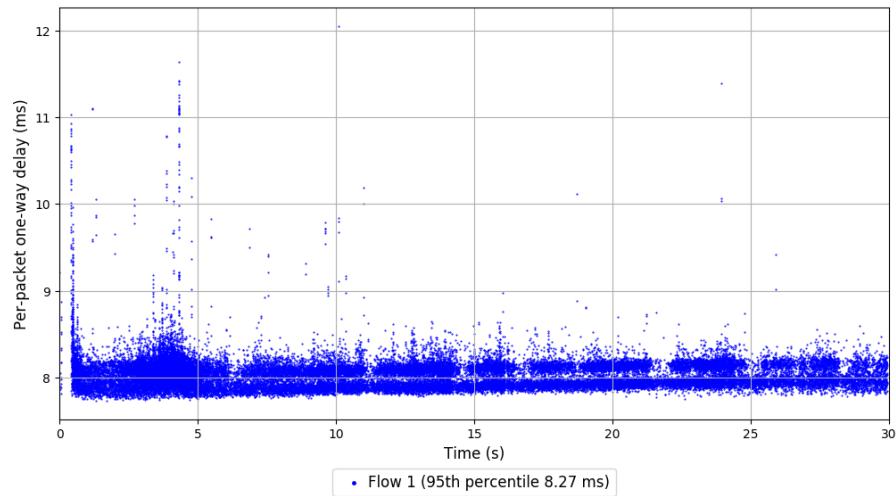
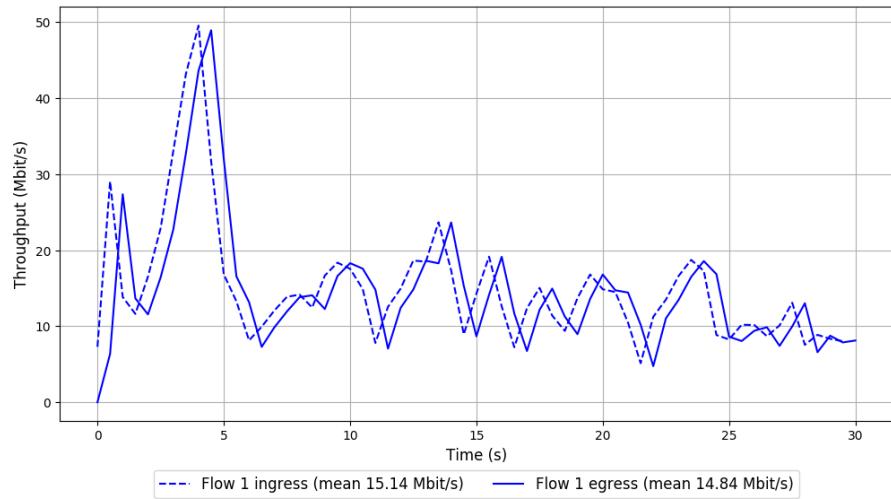


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-08-21 21:29:16
End at: 2018-08-21 21:29:46
Local clock offset: -0.033 ms
Remote clock offset: -63.763 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 8.266 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 8.266 ms
Loss rate: 1.96%
```

Run 8: Report of QUIC Cubic — Data Link

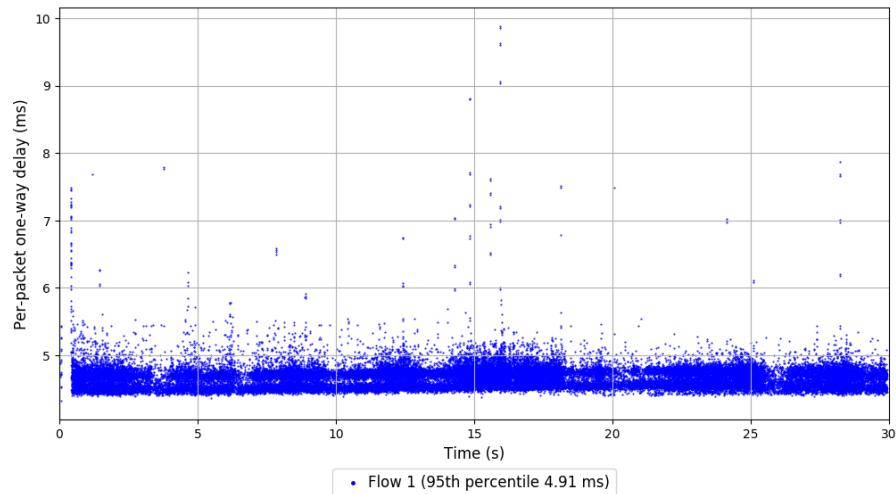
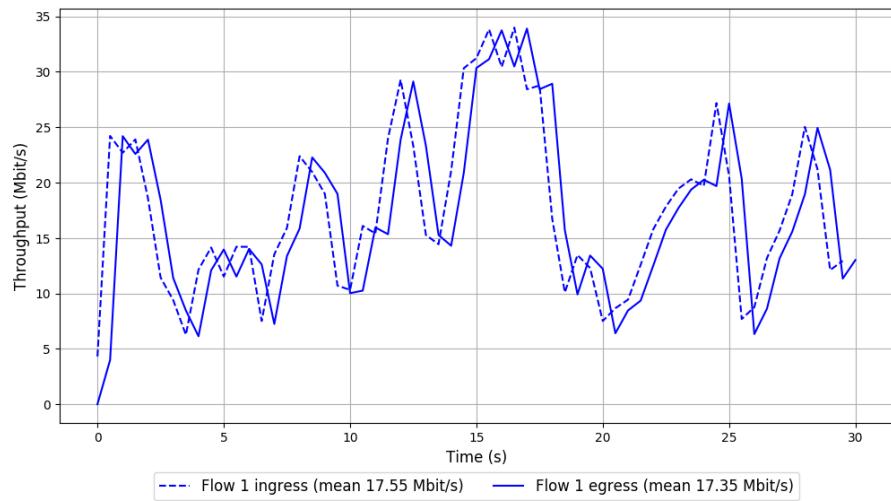


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-08-21 21:48:41
End at: 2018-08-21 21:49:11
Local clock offset: 2.564 ms
Remote clock offset: -65.588 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.35 Mbit/s
95th percentile per-packet one-way delay: 4.913 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 17.35 Mbit/s
95th percentile per-packet one-way delay: 4.913 ms
Loss rate: 1.13%
```

Run 9: Report of QUIC Cubic — Data Link

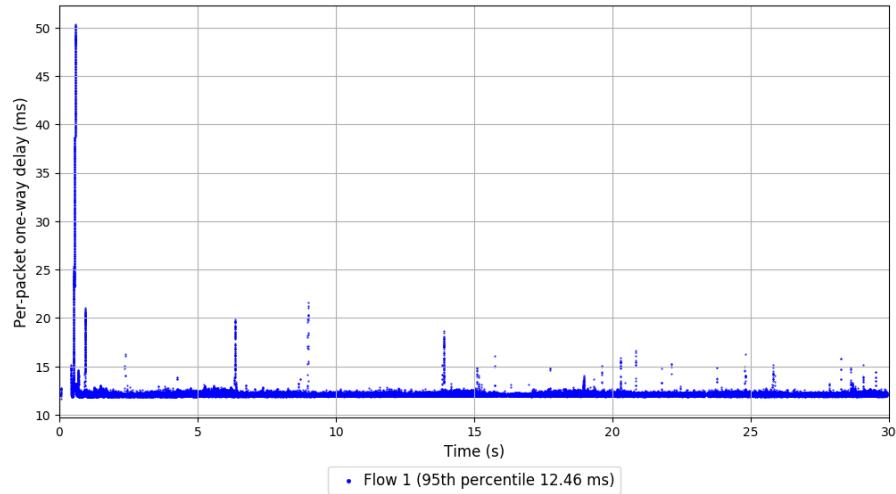
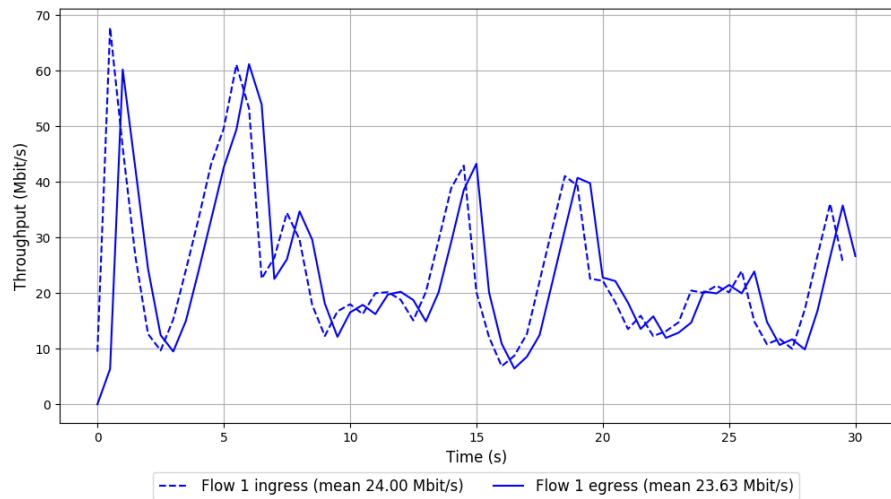


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-08-21 22:07:49
End at: 2018-08-21 22:08:19
Local clock offset: -8.13 ms
Remote clock offset: -61.859 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 12.460 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 12.460 ms
Loss rate: 1.55%
```

Run 10: Report of QUIC Cubic — Data Link

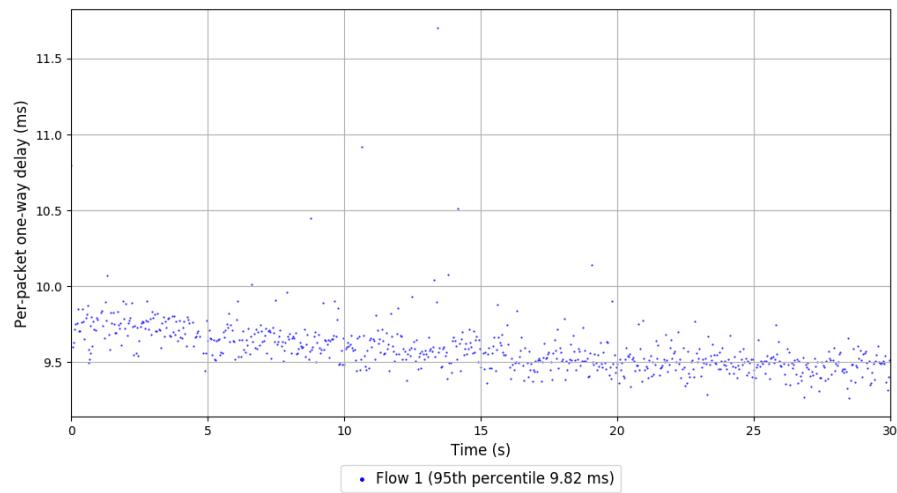
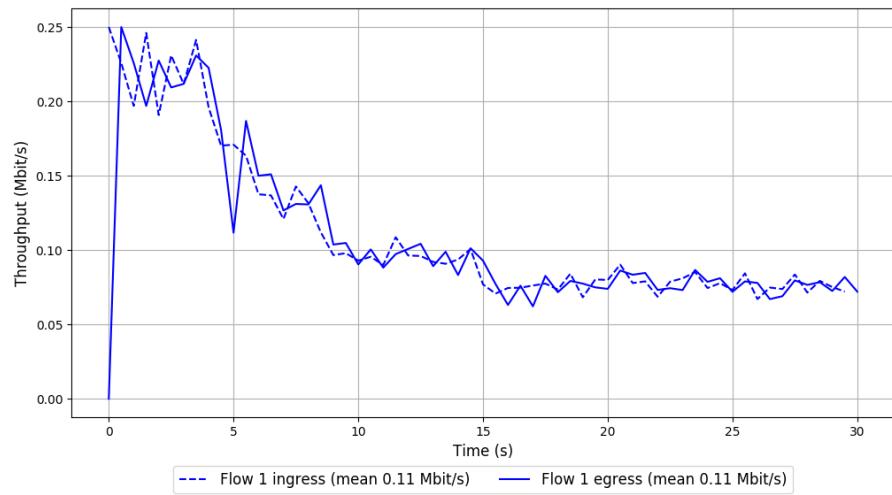


```
Run 1: Statistics of SCReAM

Start at: 2018-08-21 19:03:43
End at: 2018-08-21 19:04:13
Local clock offset: -1.566 ms
Remote clock offset: -64.356 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 9.823 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 9.823 ms
Loss rate: 1.53%
```

Run 1: Report of SCReAM — Data Link

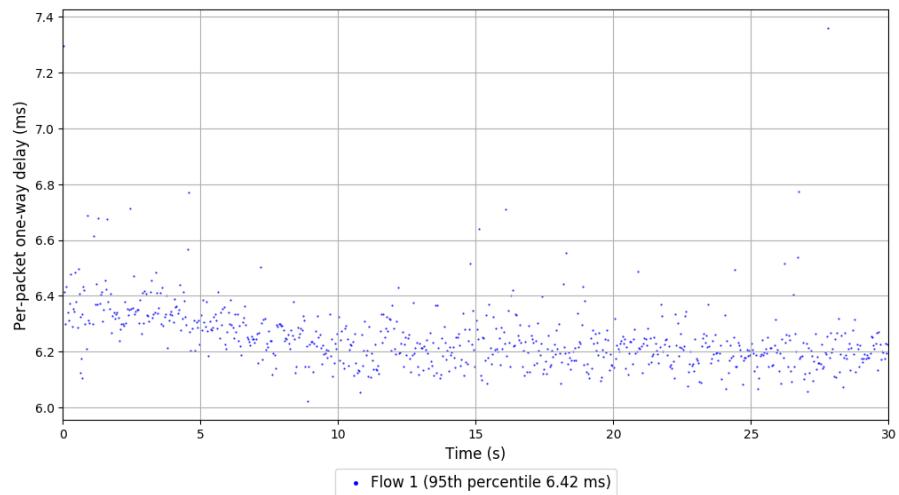
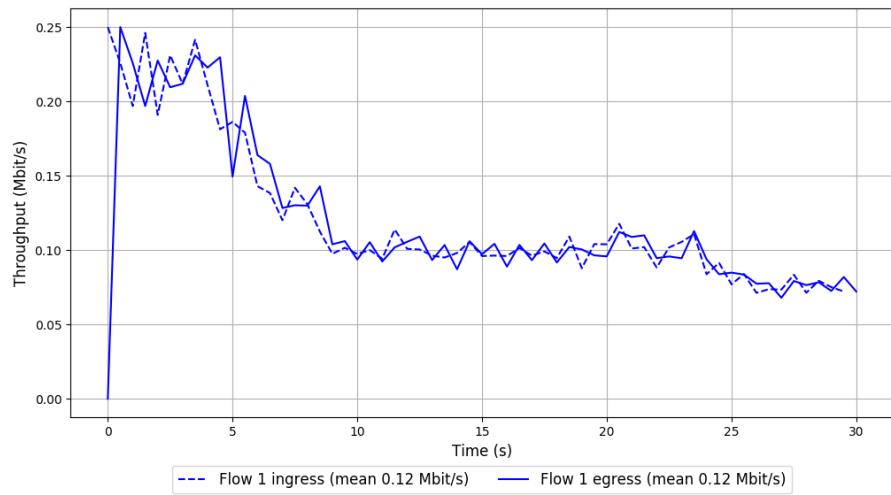


Run 2: Statistics of SCReAM

```
Start at: 2018-08-21 19:23:03
End at: 2018-08-21 19:23:33
Local clock offset: 0.972 ms
Remote clock offset: -62.955 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 6.417 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 6.417 ms
Loss rate: 0.43%
```

Run 2: Report of SCReAM — Data Link

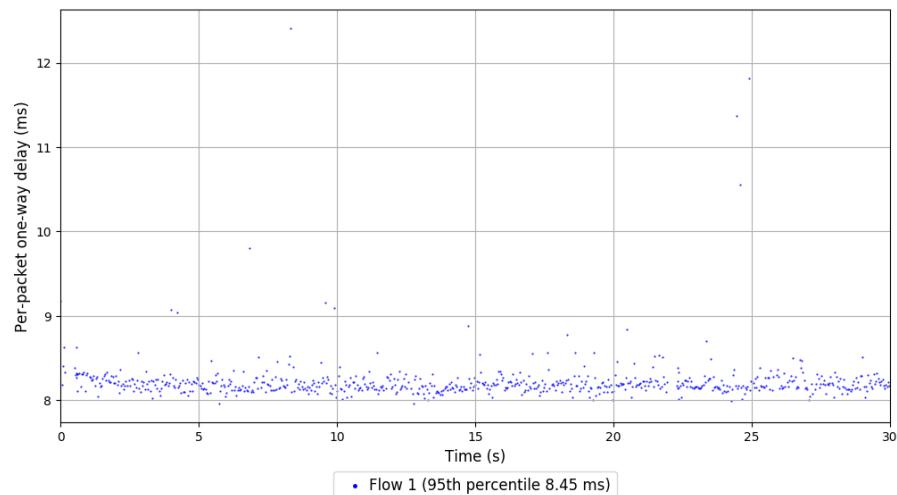
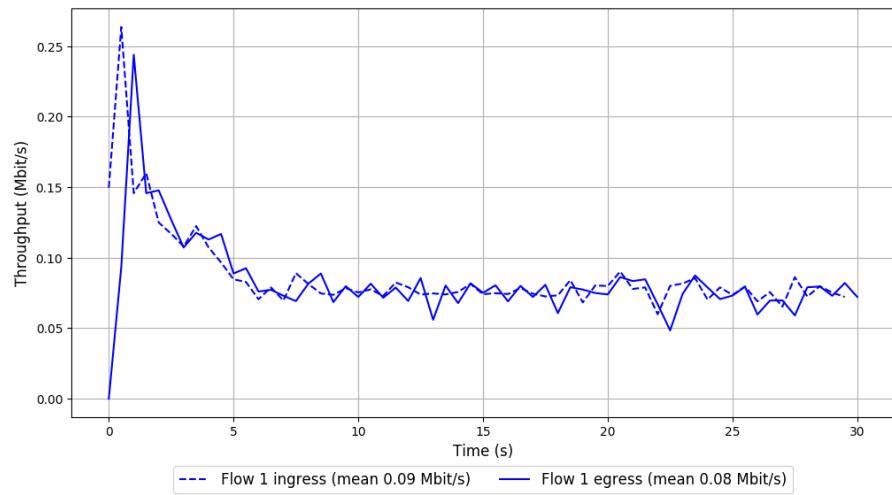


Run 3: Statistics of SCReAM

```
Start at: 2018-08-21 19:42:14
End at: 2018-08-21 19:42:44
Local clock offset: -0.147 ms
Remote clock offset: -62.466 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 8.448 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 8.448 ms
Loss rate: 3.41%
```

Run 3: Report of SCReAM — Data Link

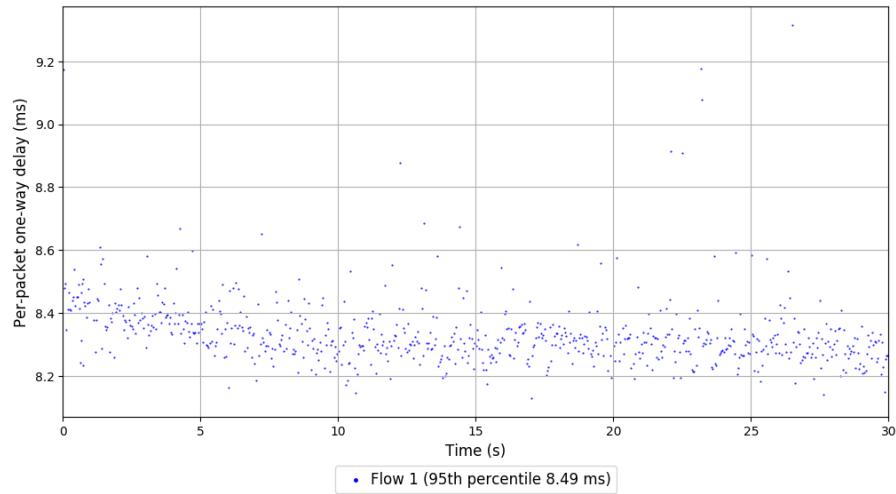
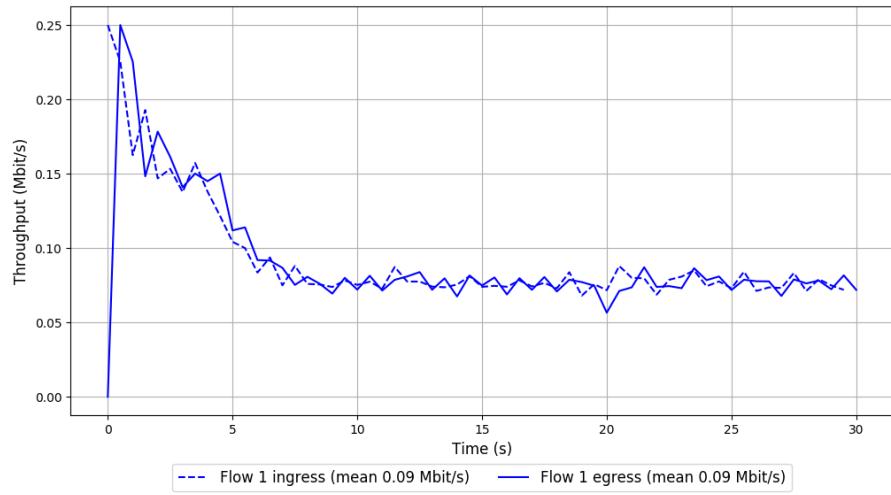


Run 4: Statistics of SCReAM

```
Start at: 2018-08-21 20:01:29
End at: 2018-08-21 20:01:59
Local clock offset: 0.57 ms
Remote clock offset: -62.477 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 8.491 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 8.491 ms
Loss rate: 0.99%
```

Run 4: Report of SCReAM — Data Link

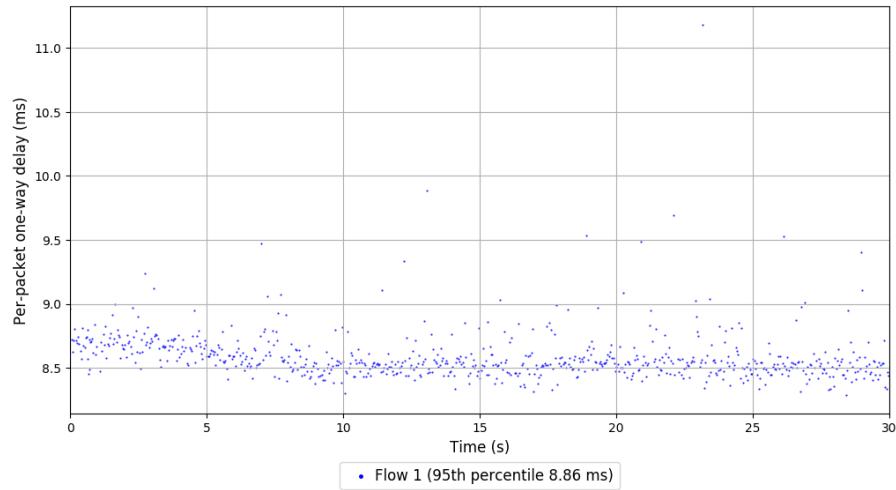
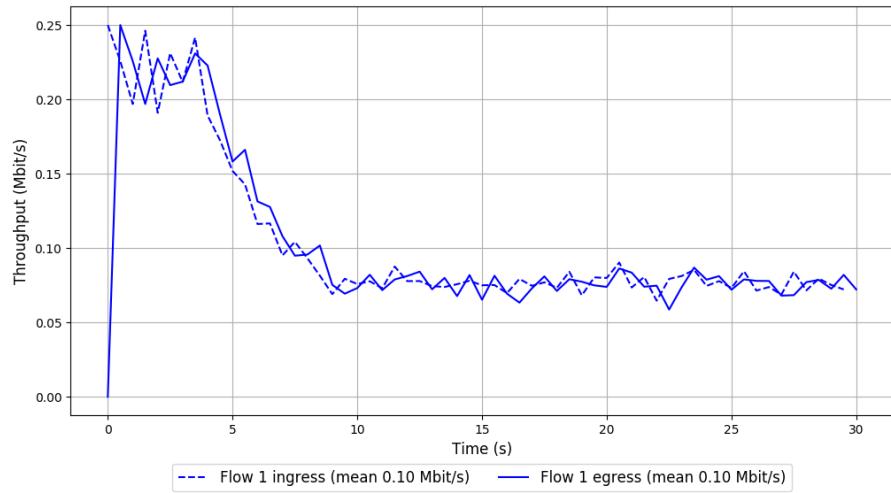


Run 5: Statistics of SCReAM

```
Start at: 2018-08-21 20:20:46
End at: 2018-08-21 20:21:16
Local clock offset: -2.466 ms
Remote clock offset: -63.186 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 8.860 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 8.860 ms
Loss rate: 1.20%
```

Run 5: Report of SCReAM — Data Link

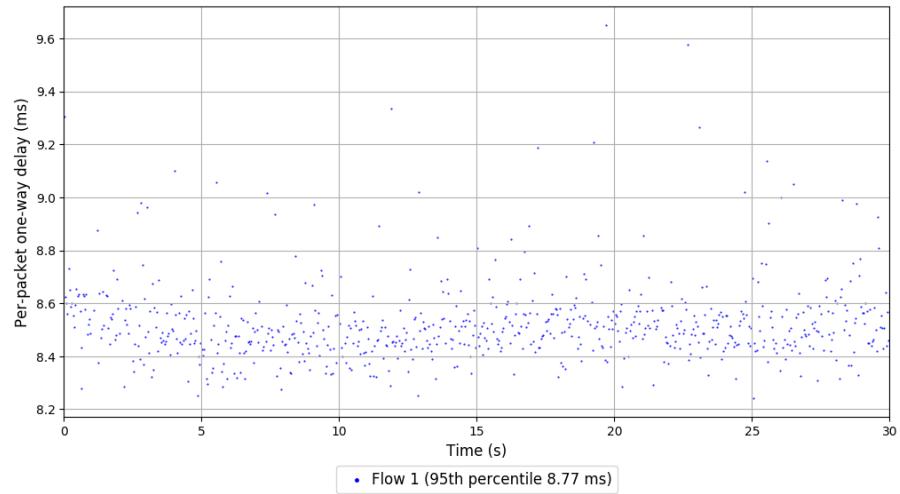
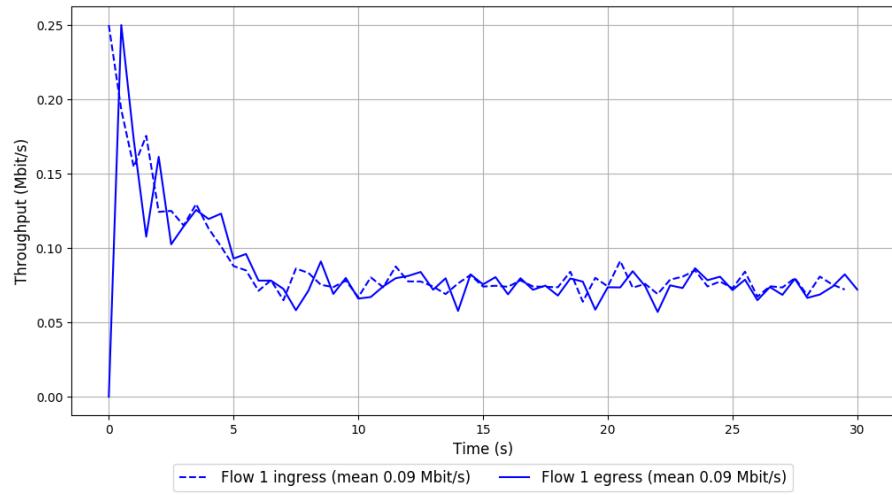


Run 6: Statistics of SCReAM

```
Start at: 2018-08-21 20:40:11
End at: 2018-08-21 20:40:41
Local clock offset: -1.591 ms
Remote clock offset: -63.343 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 8.765 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 8.765 ms
Loss rate: 3.94%
```

Run 6: Report of SCReAM — Data Link

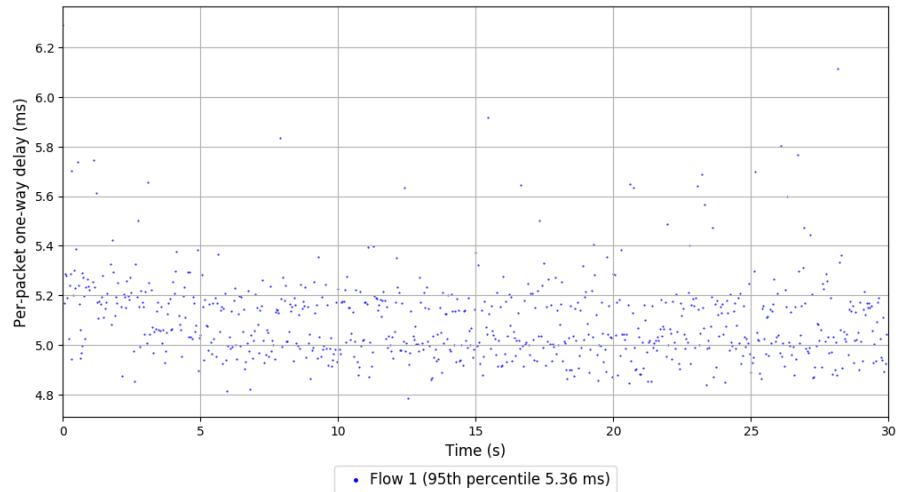
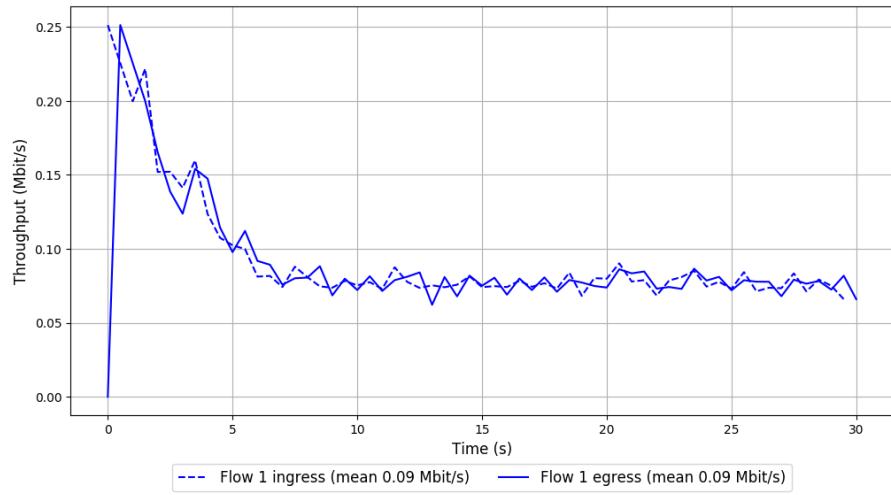


Run 7: Statistics of SCReAM

```
Start at: 2018-08-21 20:59:30
End at: 2018-08-21 21:00:00
Local clock offset: 1.95 ms
Remote clock offset: -62.392 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 5.362 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 5.362 ms
Loss rate: 2.00%
```

Run 7: Report of SCReAM — Data Link

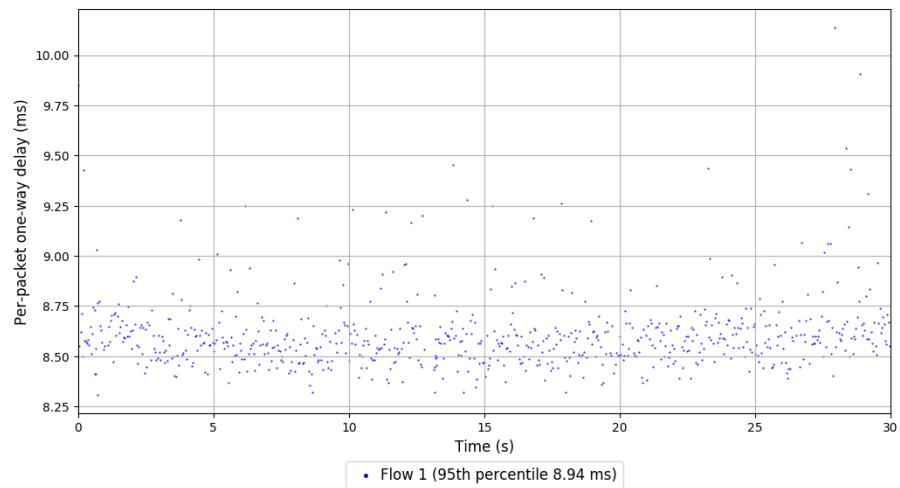
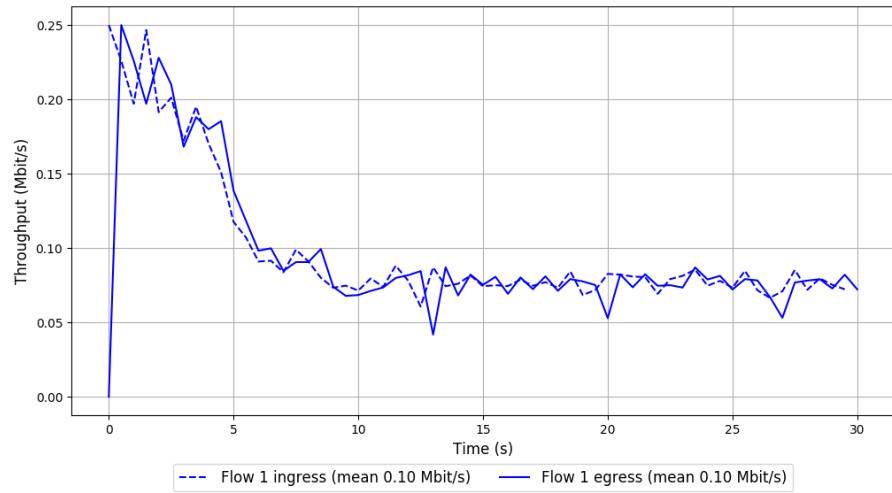


Run 8: Statistics of SCReAM

```
Start at: 2018-08-21 21:18:48
End at: 2018-08-21 21:19:18
Local clock offset: -1.031 ms
Remote clock offset: -62.053 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 8.939 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 8.939 ms
Loss rate: 1.85%
```

Run 8: Report of SCReAM — Data Link

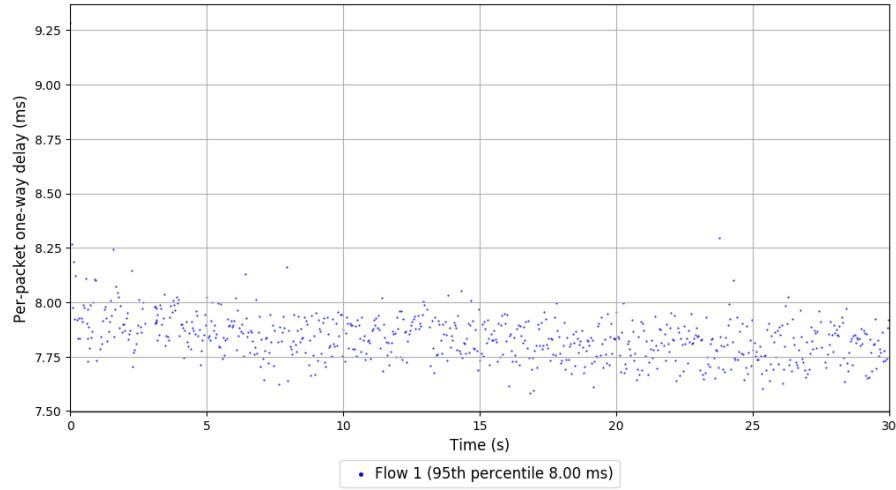
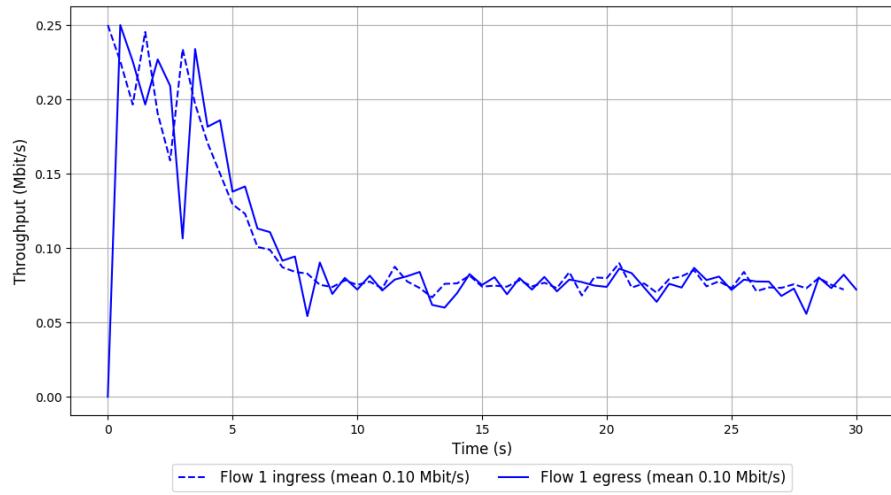


Run 9: Statistics of SCReAM

```
Start at: 2018-08-21 21:38:24
End at: 2018-08-21 21:38:54
Local clock offset: 0.631 ms
Remote clock offset: -64.756 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 7.997 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 7.997 ms
Loss rate: 2.08%
```

Run 9: Report of SCReAM — Data Link

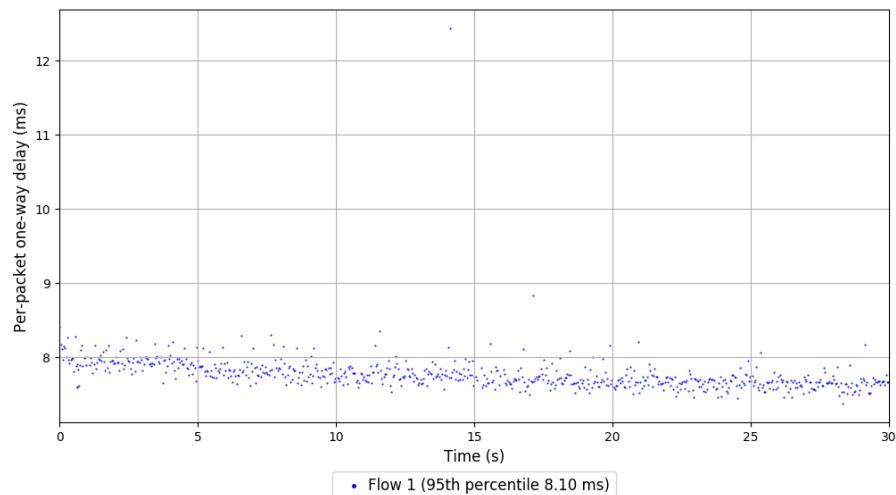
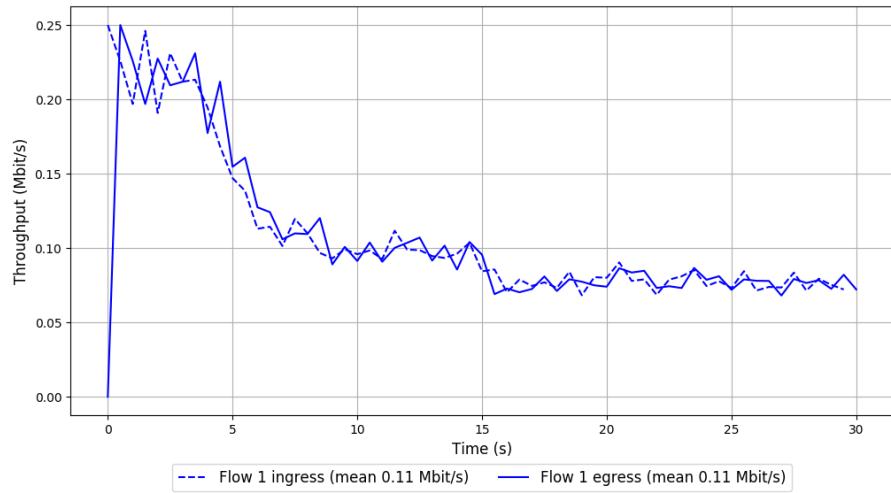


Run 10: Statistics of SCReAM

```
Start at: 2018-08-21 21:57:47
End at: 2018-08-21 21:58:17
Local clock offset: -1.095 ms
Remote clock offset: -61.66 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 8.101 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 8.101 ms
Loss rate: 0.83%
```

Run 10: Report of SCReAM — Data Link

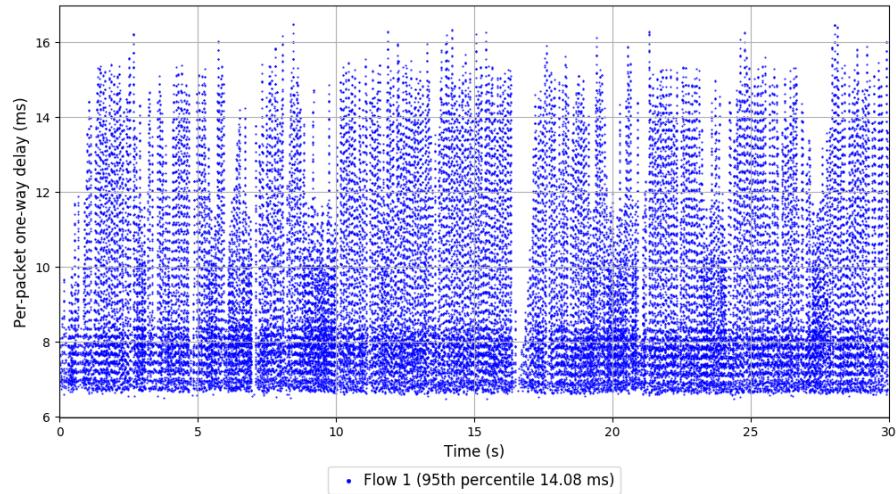
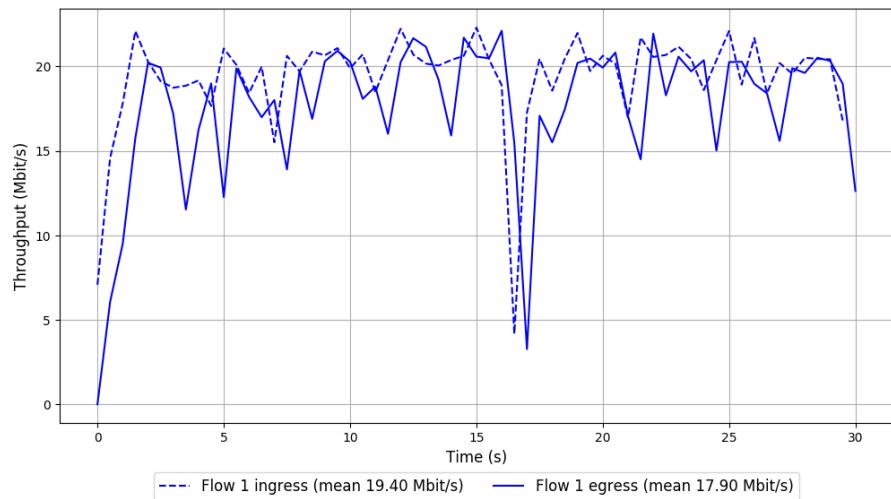


Run 1: Statistics of Sprout

```
Start at: 2018-08-21 19:15:06
End at: 2018-08-21 19:15:37
Local clock offset: 2.377 ms
Remote clock offset: -62.472 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.90 Mbit/s
95th percentile per-packet one-way delay: 14.077 ms
Loss rate: 7.72%
-- Flow 1:
Average throughput: 17.90 Mbit/s
95th percentile per-packet one-way delay: 14.077 ms
Loss rate: 7.72%
```

Run 1: Report of Sprout — Data Link

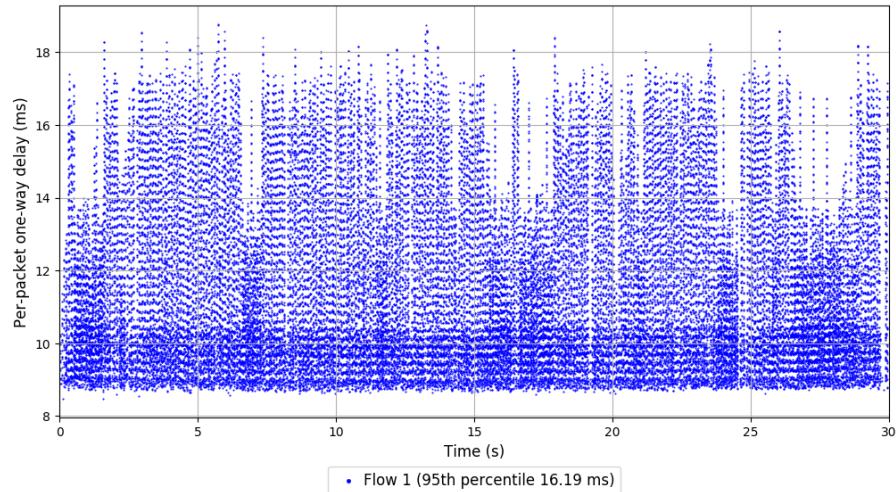
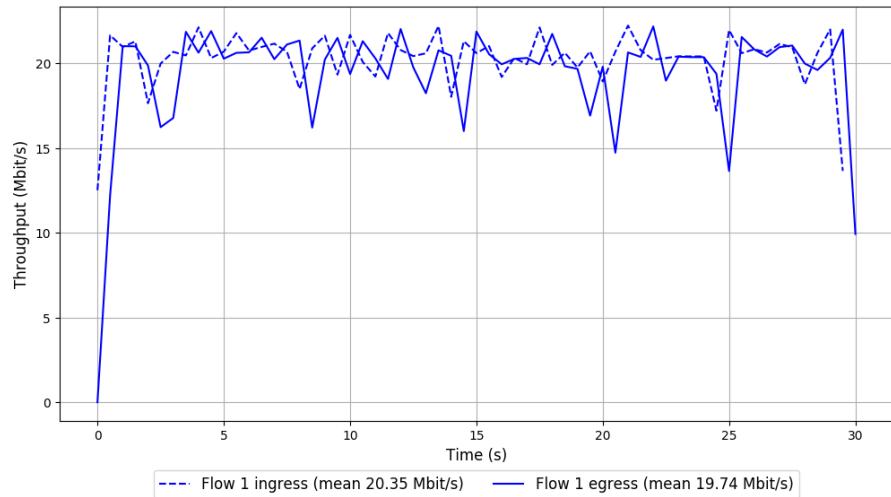


Run 2: Statistics of Sprout

```
Start at: 2018-08-21 19:34:25
End at: 2018-08-21 19:34:55
Local clock offset: -0.507 ms
Remote clock offset: -62.081 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 16.194 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 16.194 ms
Loss rate: 2.97%
```

Run 2: Report of Sprout — Data Link

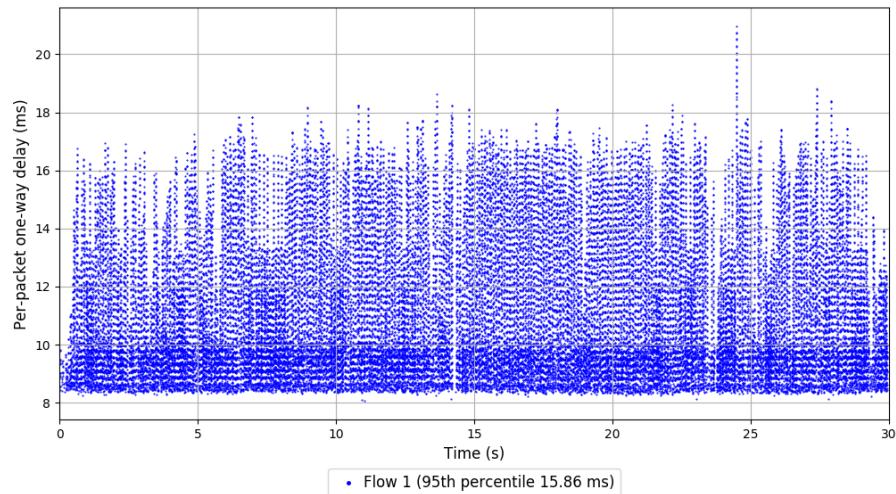
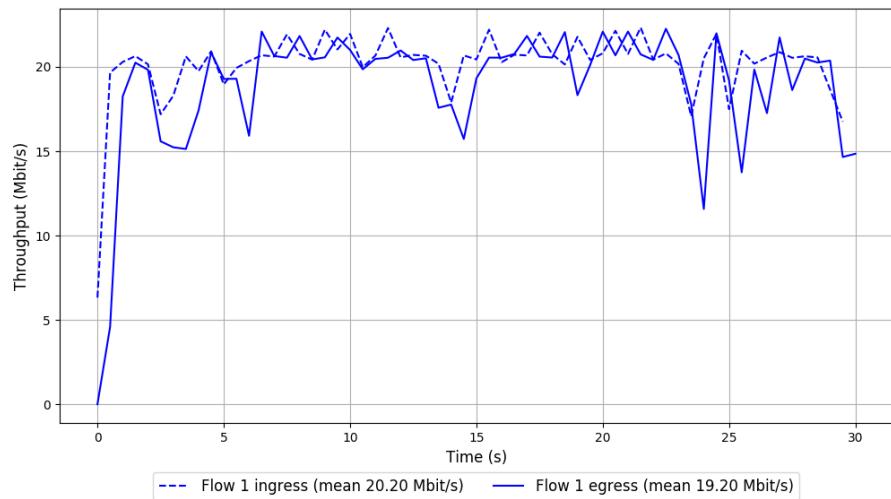


Run 3: Statistics of Sprout

```
Start at: 2018-08-21 19:53:36
End at: 2018-08-21 19:54:06
Local clock offset: 0.182 ms
Remote clock offset: -62.277 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 15.857 ms
Loss rate: 4.93%
-- Flow 1:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 15.857 ms
Loss rate: 4.93%
```

Run 3: Report of Sprout — Data Link

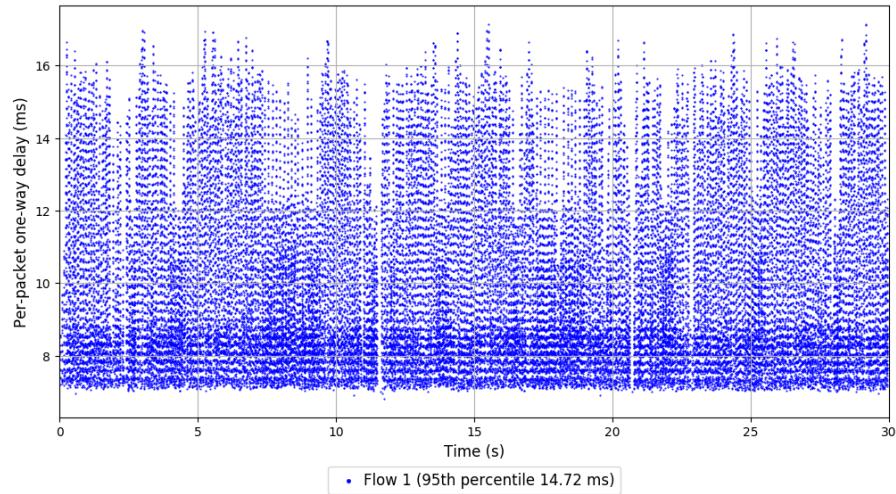
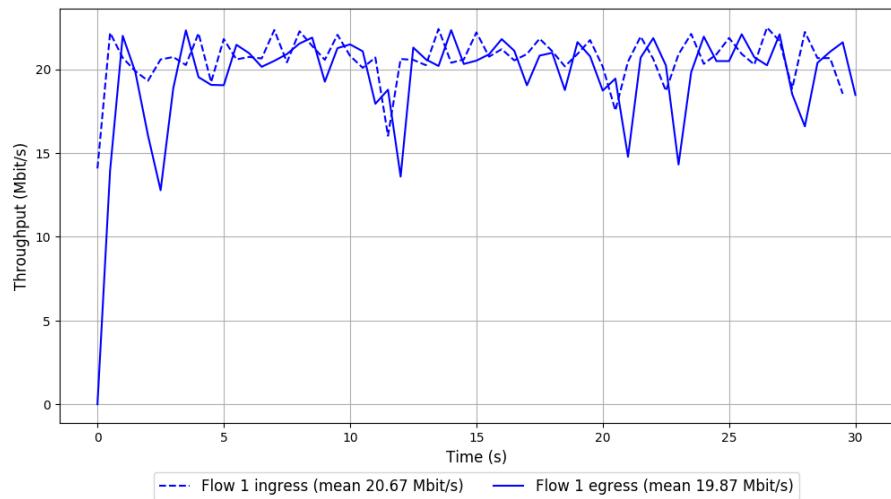


Run 4: Statistics of Sprout

```
Start at: 2018-08-21 20:12:47
End at: 2018-08-21 20:13:17
Local clock offset: -0.333 ms
Remote clock offset: -62.895 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 14.720 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 14.720 ms
Loss rate: 3.85%
```

Run 4: Report of Sprout — Data Link

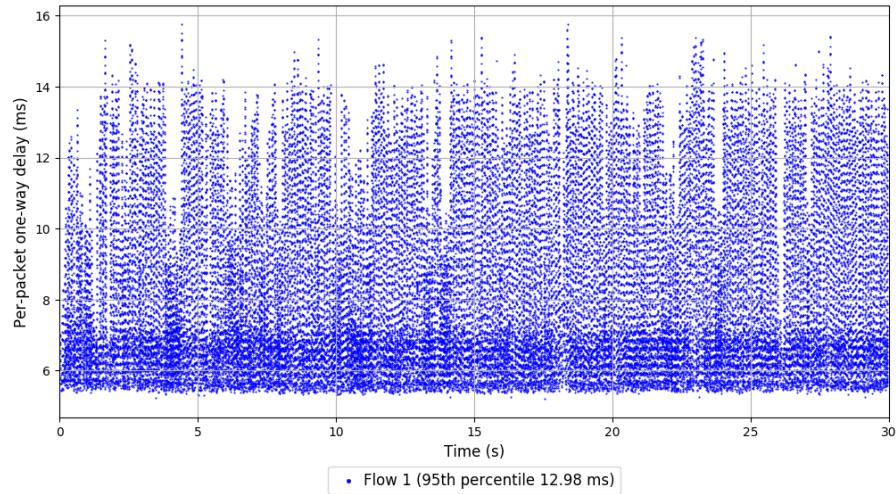
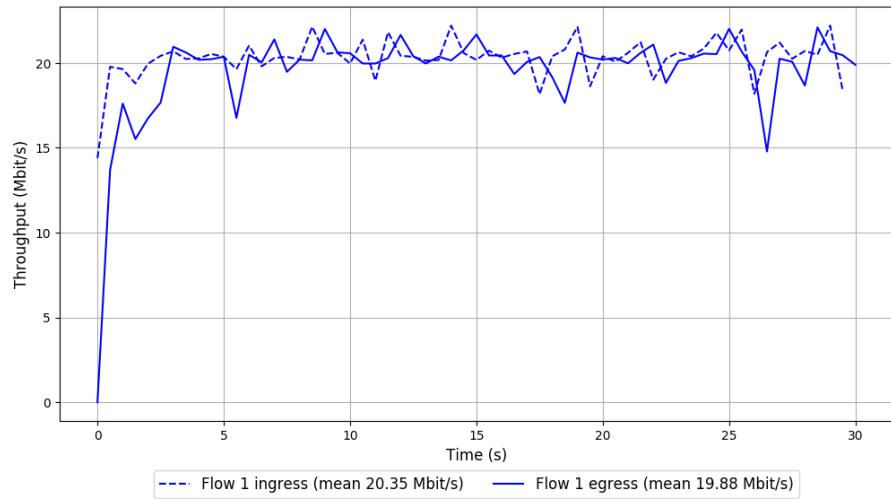


Run 5: Statistics of Sprout

```
Start at: 2018-08-21 20:32:10
End at: 2018-08-21 20:32:40
Local clock offset: 0.597 ms
Remote clock offset: -63.7 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 12.977 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 12.977 ms
Loss rate: 2.27%
```

Run 5: Report of Sprout — Data Link

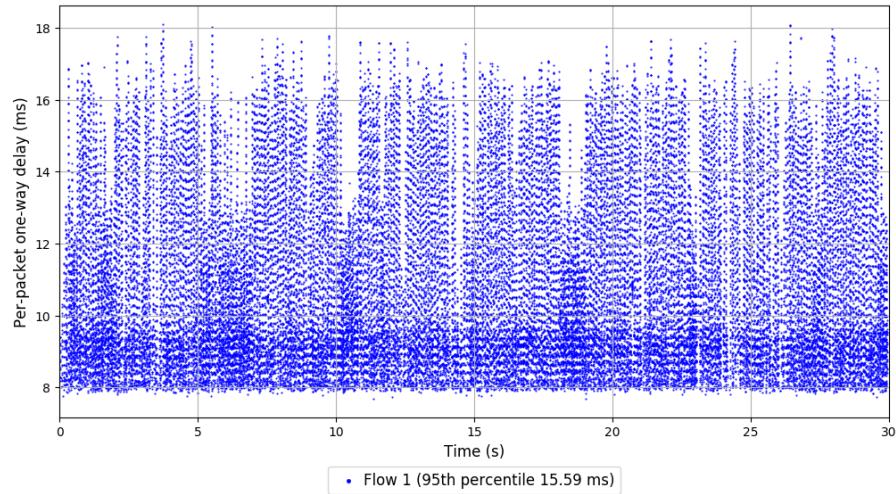
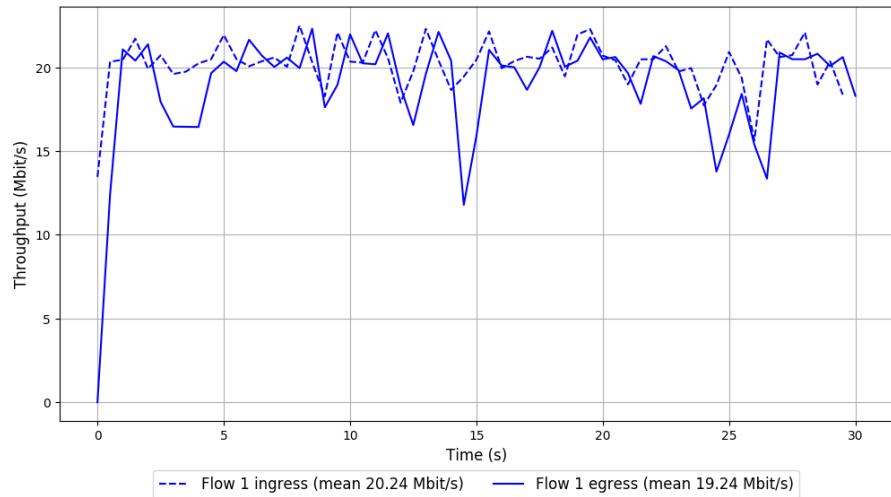


Run 6: Statistics of Sprout

```
Start at: 2018-08-21 20:51:25
End at: 2018-08-21 20:51:55
Local clock offset: -1.027 ms
Remote clock offset: -62.675 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 15.591 ms
Loss rate: 4.94%
-- Flow 1:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 15.591 ms
Loss rate: 4.94%
```

Run 6: Report of Sprout — Data Link

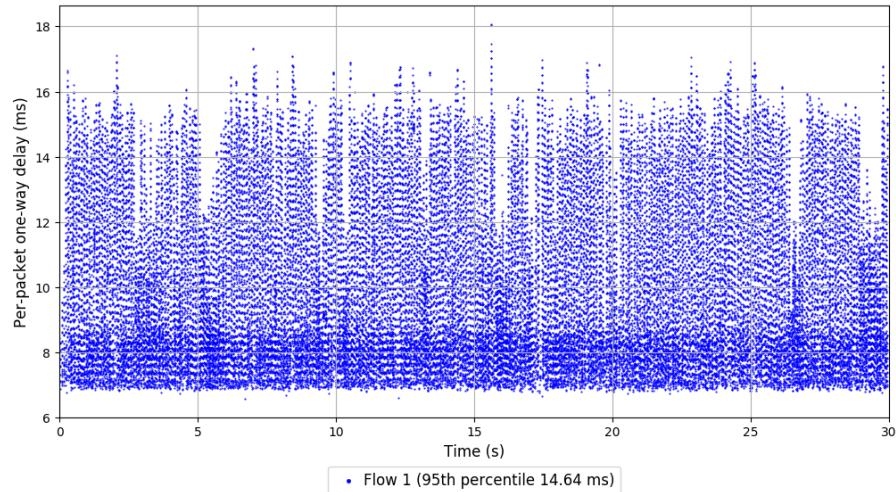
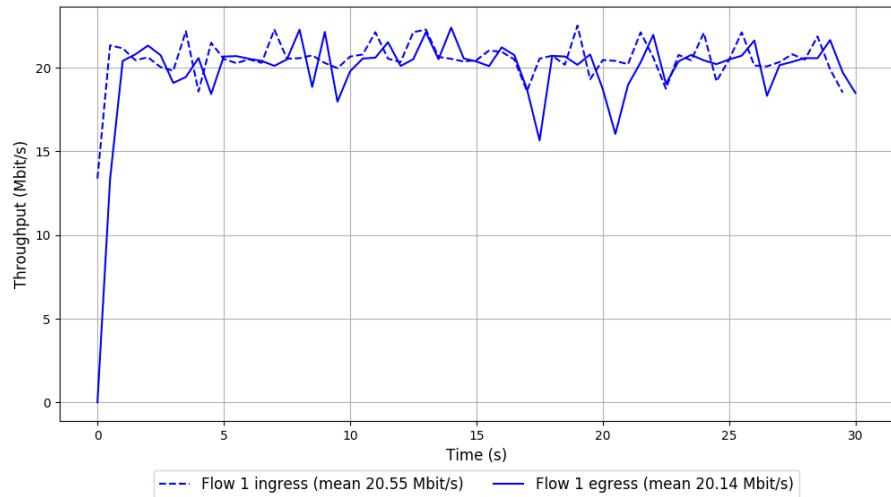


Run 7: Statistics of Sprout

```
Start at: 2018-08-21 21:10:50
End at: 2018-08-21 21:11:20
Local clock offset: 0.949 ms
Remote clock offset: -61.362 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 14.639 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 14.639 ms
Loss rate: 1.98%
```

Run 7: Report of Sprout — Data Link

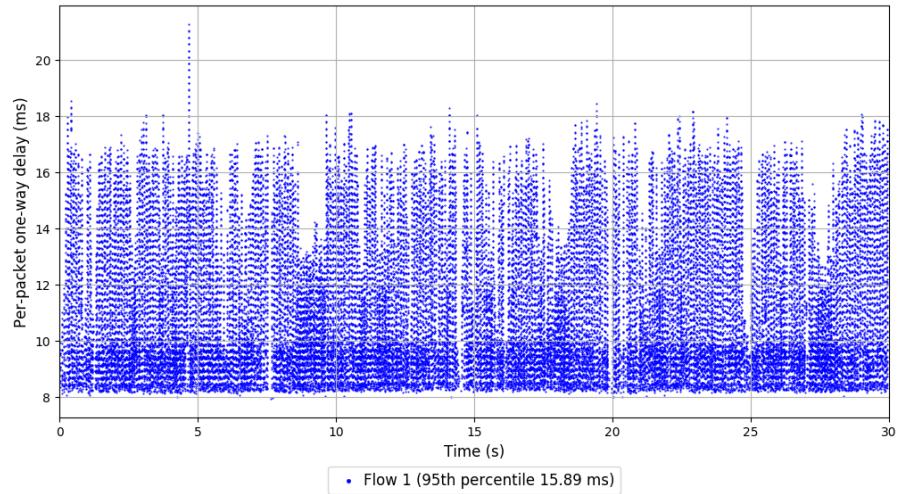
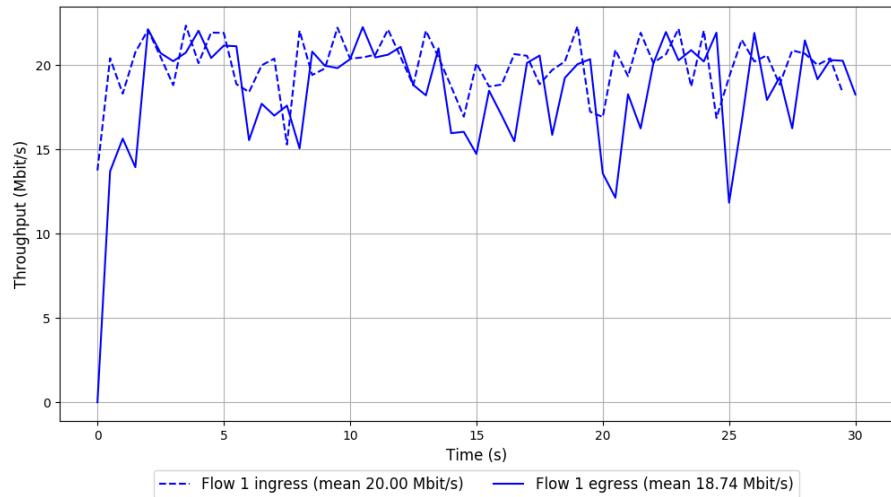


Run 8: Statistics of Sprout

```
Start at: 2018-08-21 21:30:22
End at: 2018-08-21 21:30:52
Local clock offset: -0.435 ms
Remote clock offset: -64.001 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 15.888 ms
Loss rate: 6.27%
-- Flow 1:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 15.888 ms
Loss rate: 6.27%
```

Run 8: Report of Sprout — Data Link

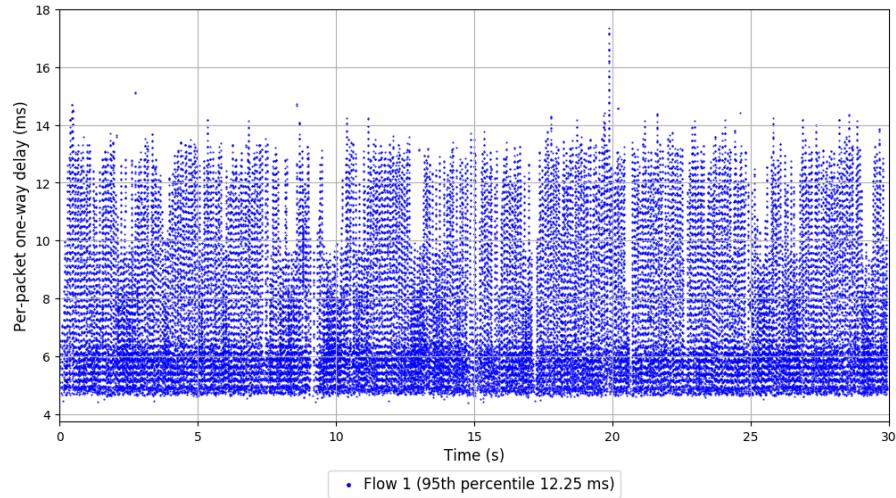
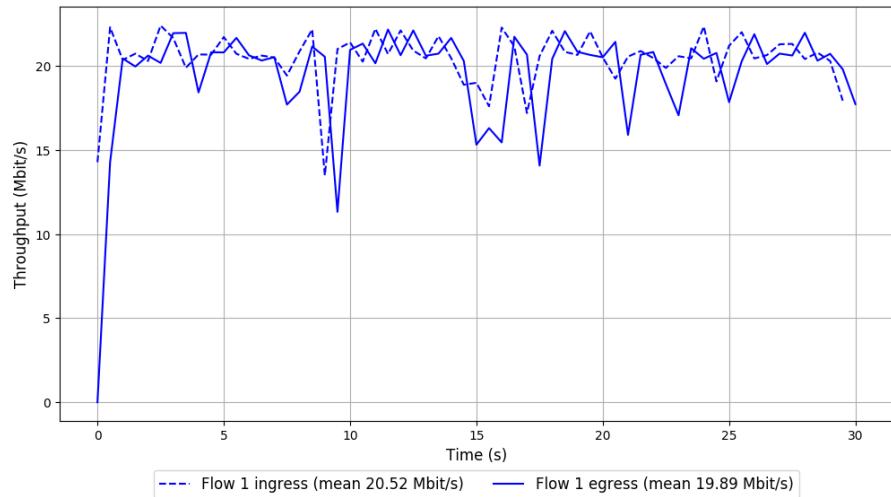


Run 9: Statistics of Sprout

```
Start at: 2018-08-21 21:49:46
End at: 2018-08-21 21:50:16
Local clock offset: 2.395 ms
Remote clock offset: -65.661 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 12.250 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 12.250 ms
Loss rate: 3.06%
```

Run 9: Report of Sprout — Data Link

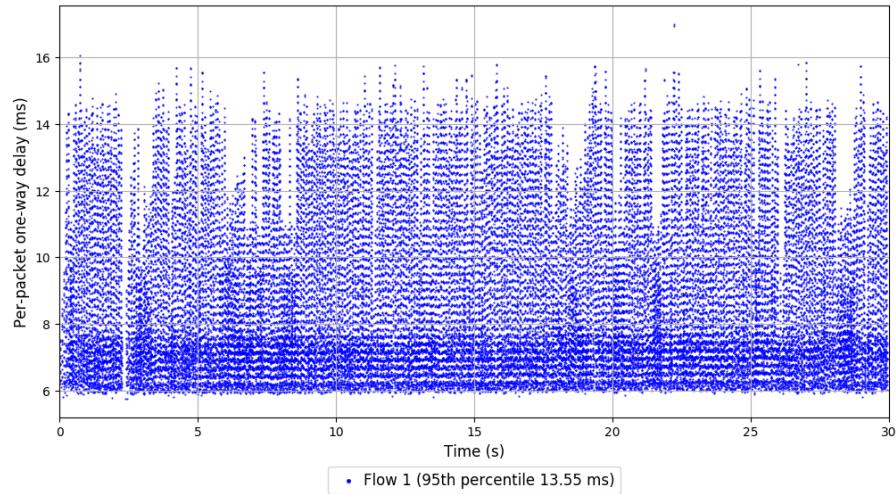
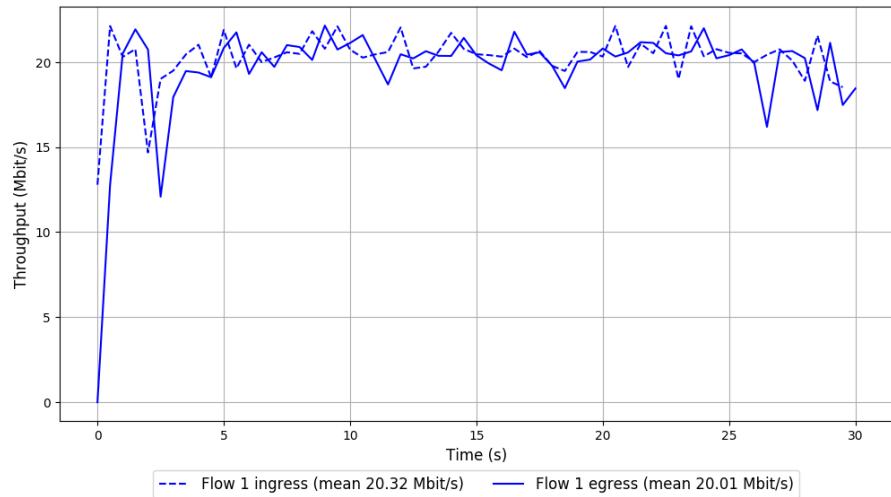


Run 10: Statistics of Sprout

```
Start at: 2018-08-21 22:08:54
End at: 2018-08-21 22:09:24
Local clock offset: 2.062 ms
Remote clock offset: -58.606 ms

# Below is generated by plot.py at 2018-08-21 22:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 13.547 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 13.547 ms
Loss rate: 1.54%
```

Run 10: Report of Sprout — Data Link

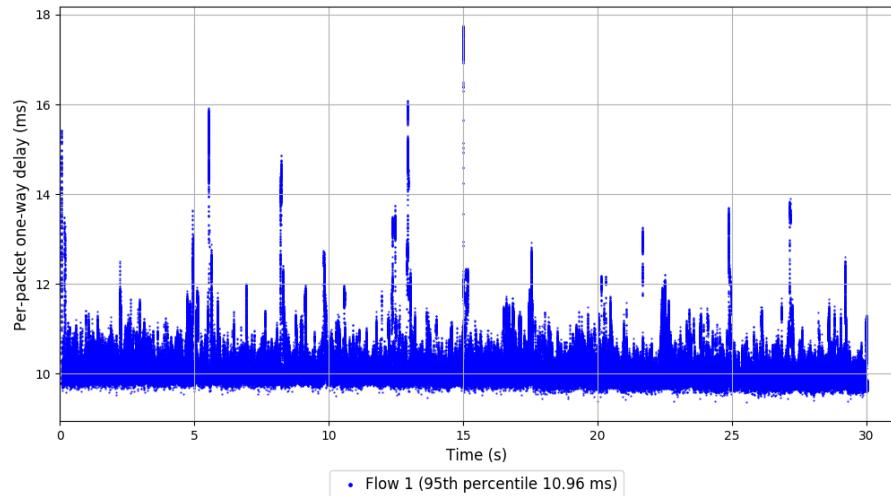
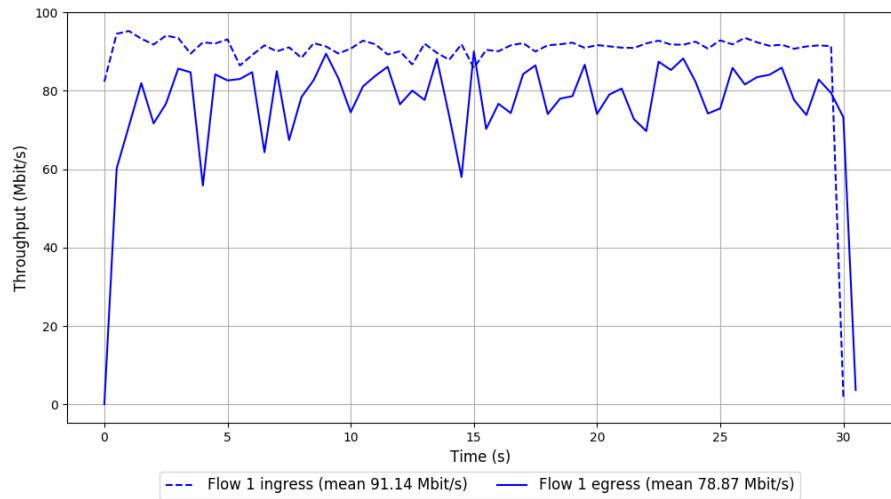


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-21 19:04:47
End at: 2018-08-21 19:05:17
Local clock offset: -2.308 ms
Remote clock offset: -64.658 ms

# Below is generated by plot.py at 2018-08-21 22:24:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.87 Mbit/s
95th percentile per-packet one-way delay: 10.956 ms
Loss rate: 13.46%
-- Flow 1:
Average throughput: 78.87 Mbit/s
95th percentile per-packet one-way delay: 10.956 ms
Loss rate: 13.46%
```

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

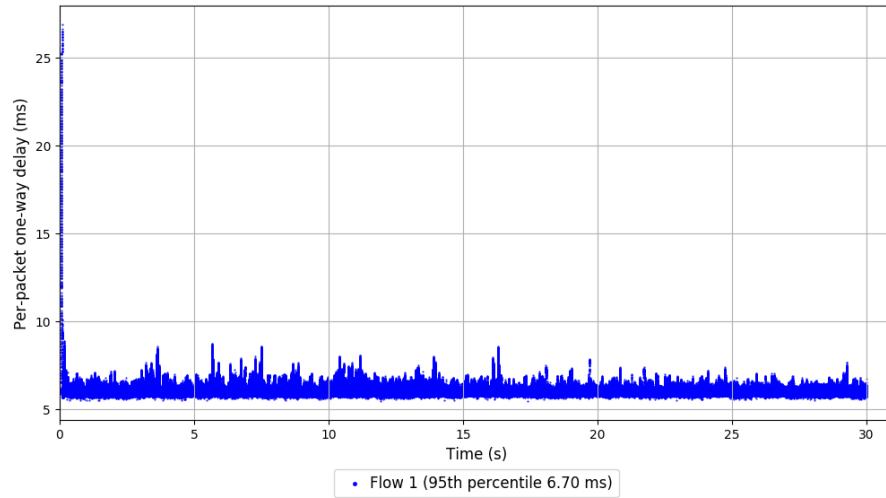
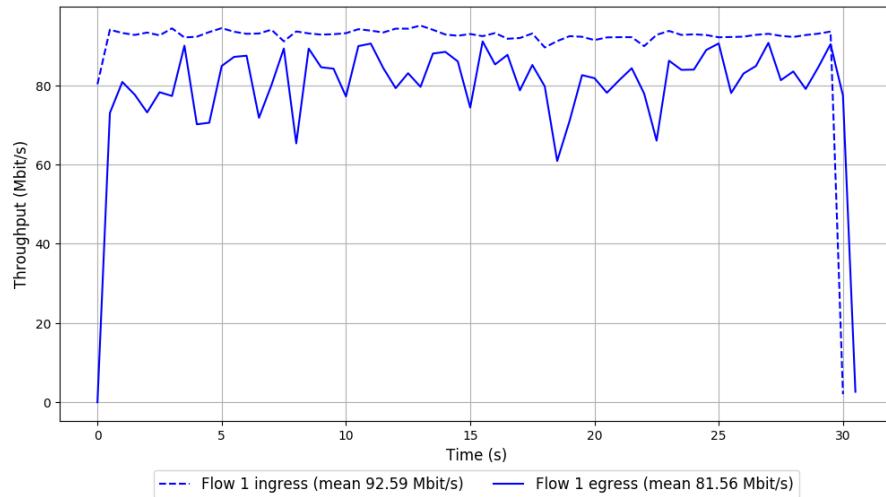


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-21 19:24:08
End at: 2018-08-21 19:24:38
Local clock offset: 2.771 ms
Remote clock offset: -62.459 ms

# Below is generated by plot.py at 2018-08-21 22:24:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 6.695 ms
Loss rate: 11.92%
-- Flow 1:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 6.695 ms
Loss rate: 11.92%
```

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

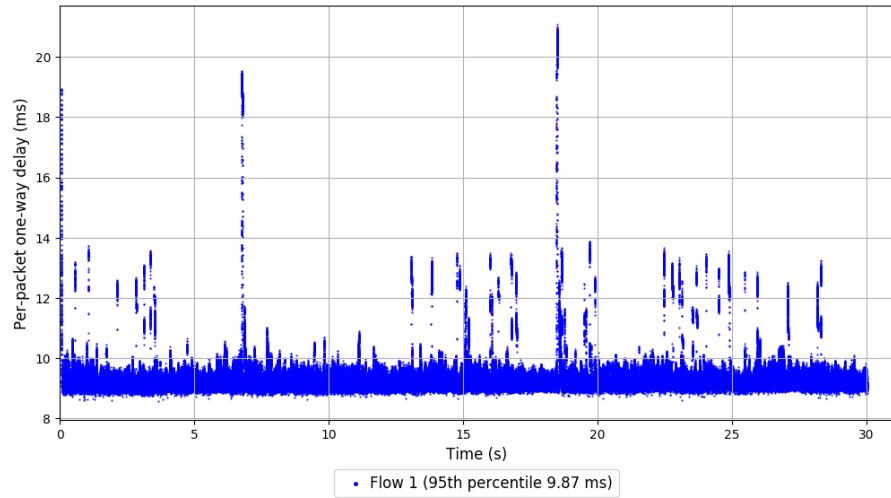
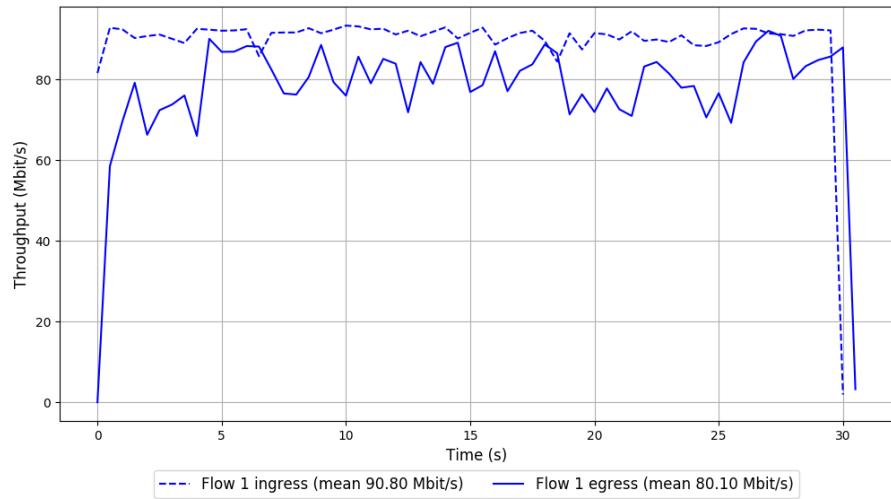


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-21 19:43:18
End at: 2018-08-21 19:43:48
Local clock offset: -0.268 ms
Remote clock offset: -61.982 ms

# Below is generated by plot.py at 2018-08-21 22:24:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.10 Mbit/s
95th percentile per-packet one-way delay: 9.868 ms
Loss rate: 11.79%
-- Flow 1:
Average throughput: 80.10 Mbit/s
95th percentile per-packet one-way delay: 9.868 ms
Loss rate: 11.79%
```

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

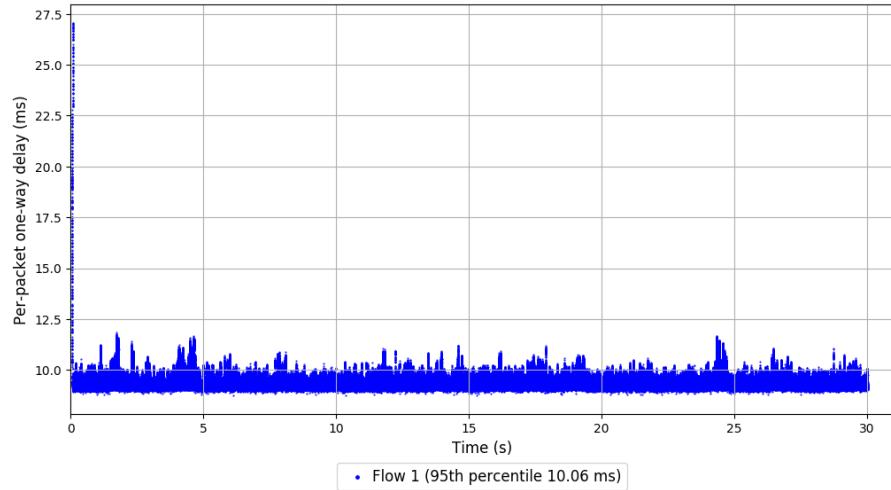
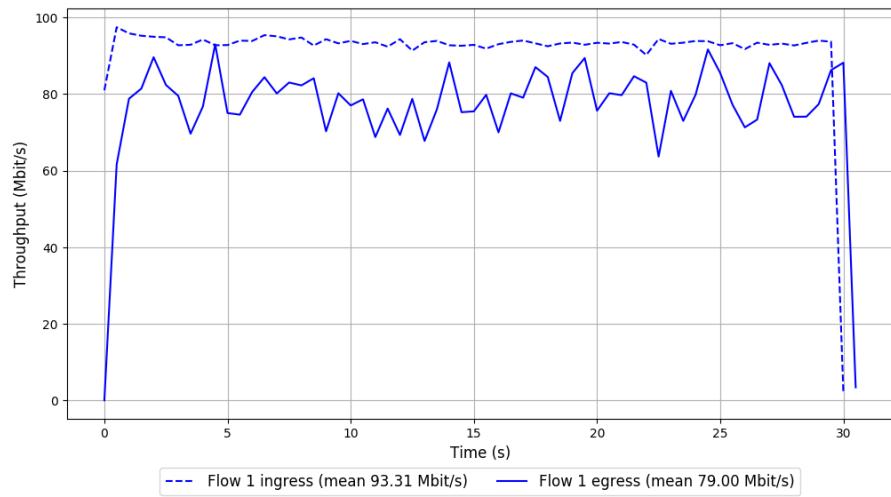


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-21 20:02:33
End at: 2018-08-21 20:03:04
Local clock offset: -0.164 ms
Remote clock offset: -62.511 ms

# Below is generated by plot.py at 2018-08-21 22:24:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 10.058 ms
Loss rate: 15.33%
-- Flow 1:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 10.058 ms
Loss rate: 15.33%
```

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

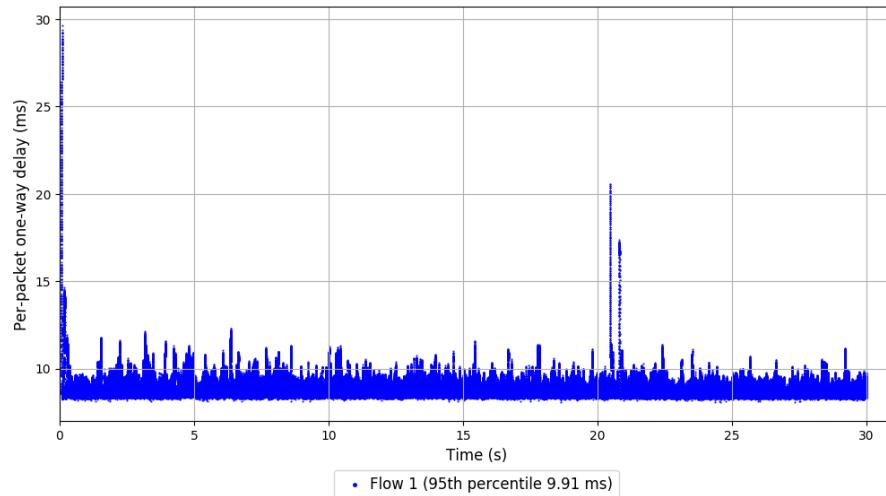
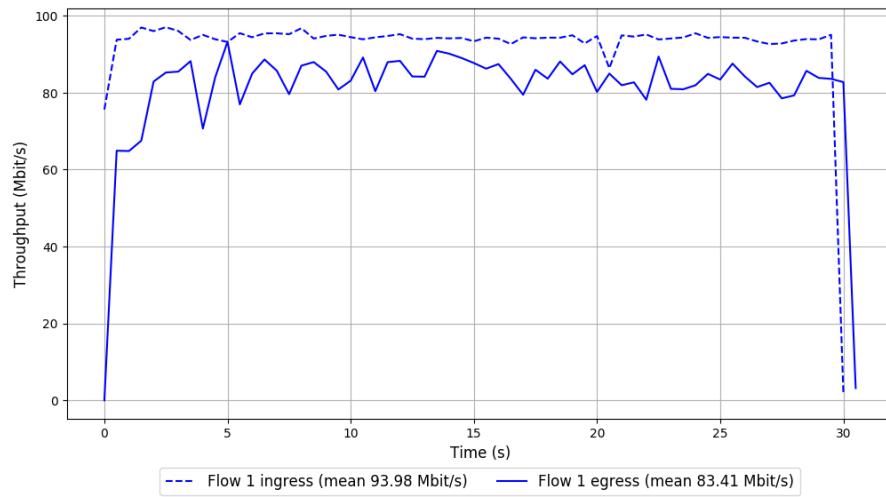


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-21 20:21:50
End at: 2018-08-21 20:22:20
Local clock offset: -0.929 ms
Remote clock offset: -62.684 ms

# Below is generated by plot.py at 2018-08-21 22:24:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 9.915 ms
Loss rate: 11.25%
-- Flow 1:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 9.915 ms
Loss rate: 11.25%
```

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

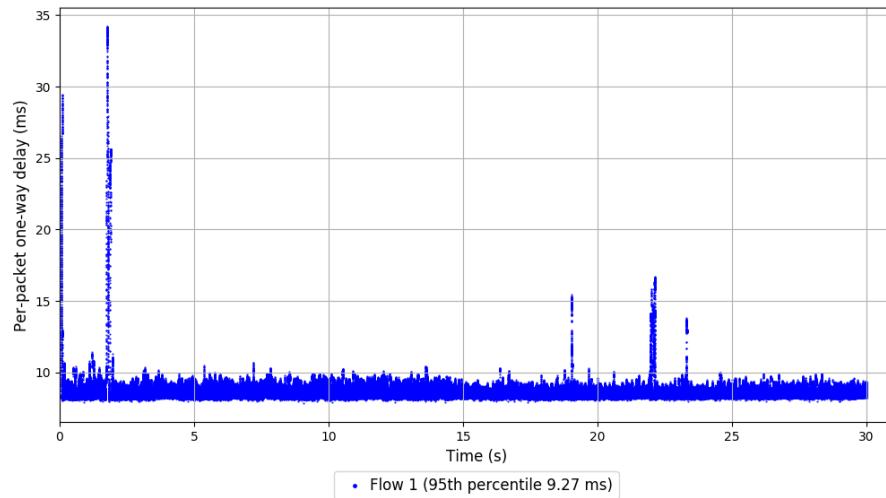
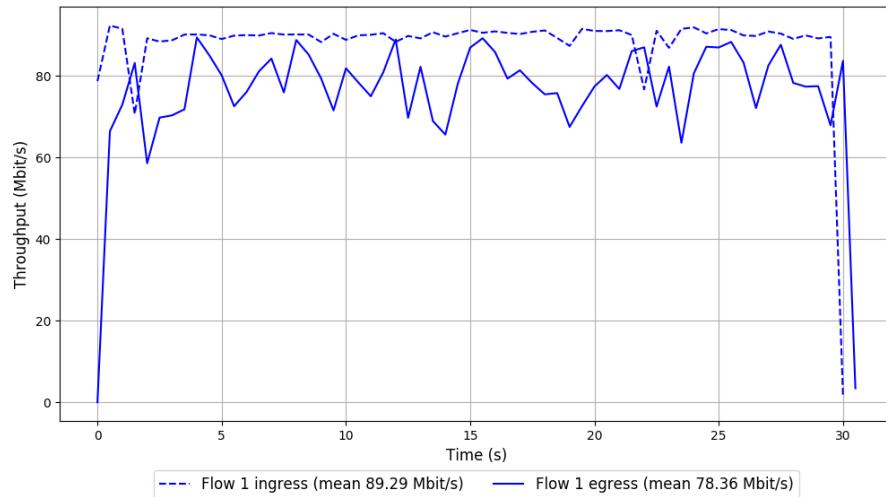


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-21 20:41:15
End at: 2018-08-21 20:41:45
Local clock offset: -1.701 ms
Remote clock offset: -63.124 ms

# Below is generated by plot.py at 2018-08-21 22:24:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 9.268 ms
Loss rate: 12.25%
-- Flow 1:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 9.268 ms
Loss rate: 12.25%
```

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

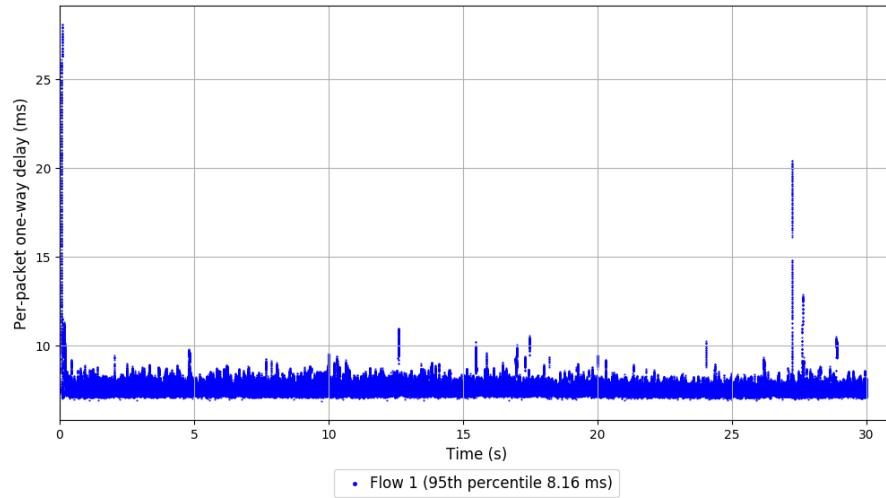
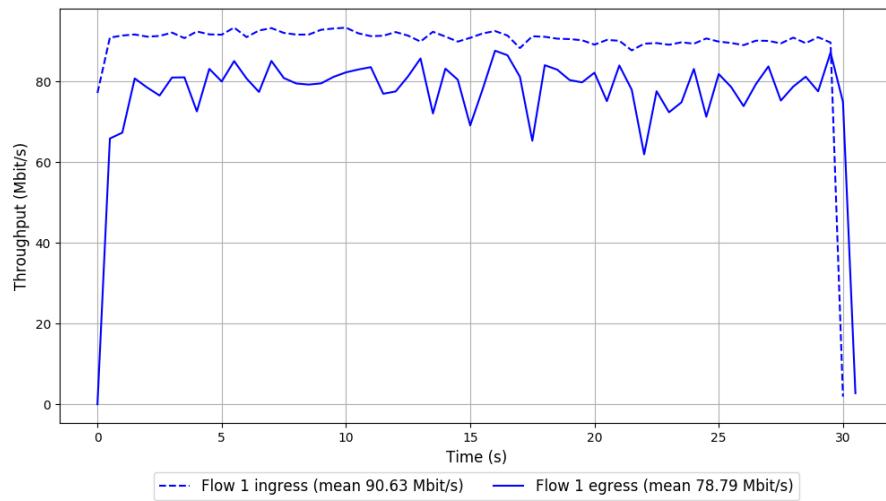


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-21 21:00:34
End at: 2018-08-21 21:01:04
Local clock offset: 0.973 ms
Remote clock offset: -61.32 ms

# Below is generated by plot.py at 2018-08-21 22:24:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 8.159 ms
Loss rate: 13.07%
-- Flow 1:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 8.159 ms
Loss rate: 13.07%
```

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

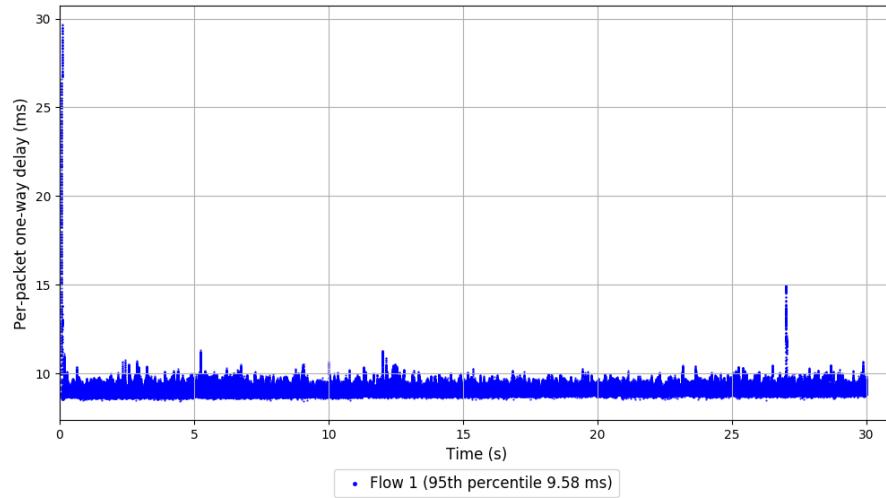
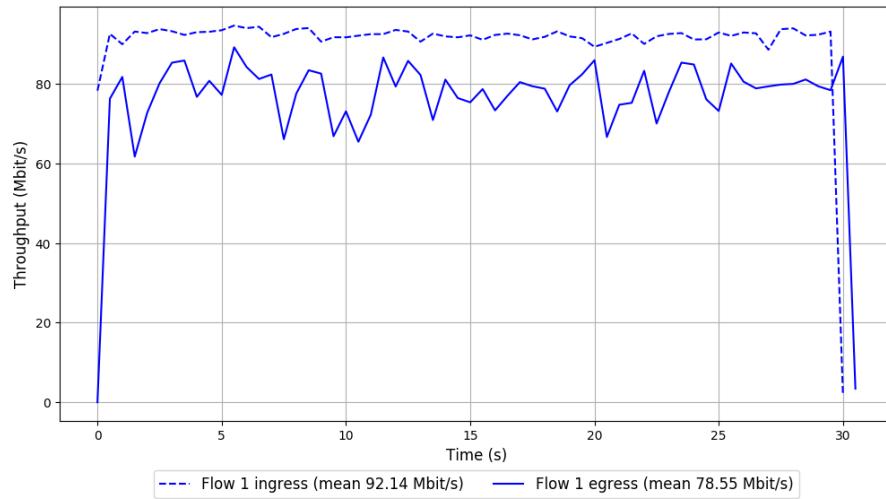


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-21 21:19:52
End at: 2018-08-21 21:20:22
Local clock offset: -0.845 ms
Remote clock offset: -62.058 ms

# Below is generated by plot.py at 2018-08-21 22:25:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.55 Mbit/s
95th percentile per-packet one-way delay: 9.583 ms
Loss rate: 14.75%
-- Flow 1:
Average throughput: 78.55 Mbit/s
95th percentile per-packet one-way delay: 9.583 ms
Loss rate: 14.75%
```

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

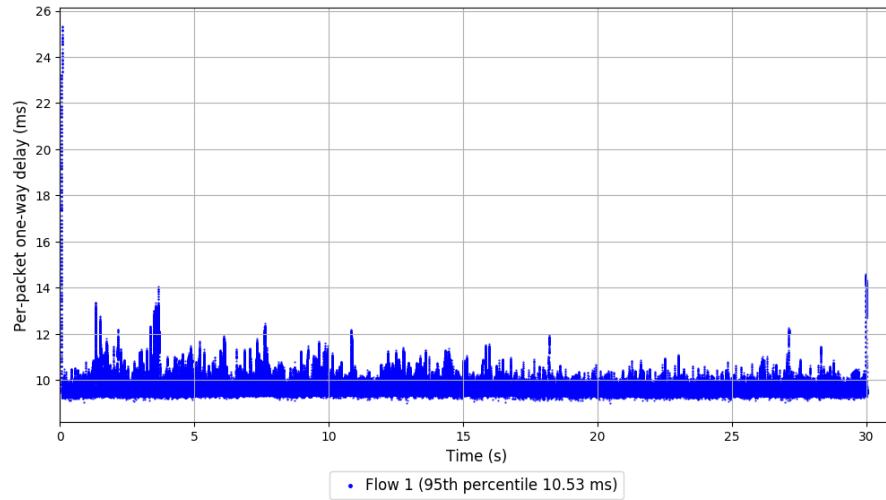
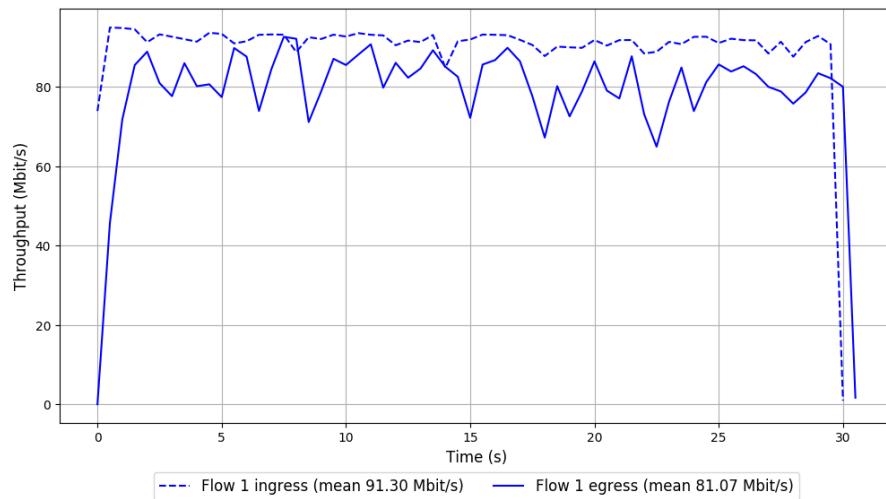


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-21 21:39:28
End at: 2018-08-21 21:39:58
Local clock offset: -0.754 ms
Remote clock offset: -64.752 ms

# Below is generated by plot.py at 2018-08-21 22:26:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 10.526 ms
Loss rate: 11.21%
-- Flow 1:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 10.526 ms
Loss rate: 11.21%
```

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

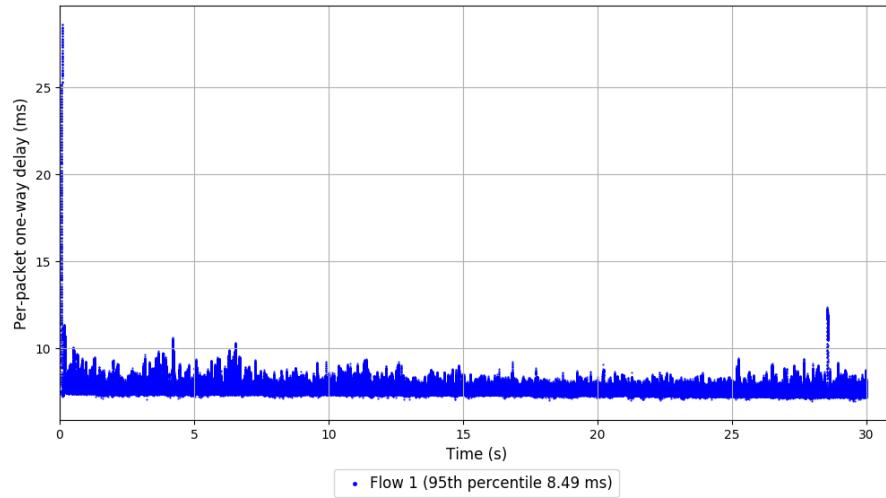
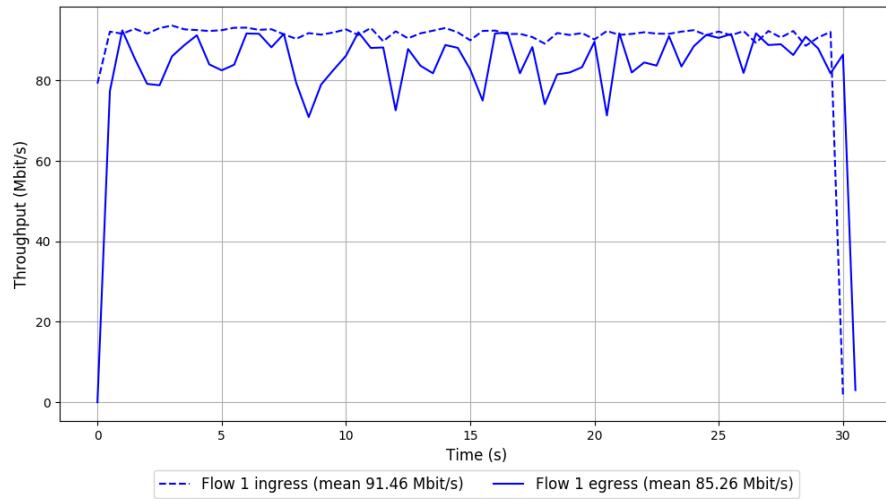


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-21 21:58:51
End at: 2018-08-21 21:59:21
Local clock offset: -0.012 ms
Remote clock offset: -61.448 ms

# Below is generated by plot.py at 2018-08-21 22:26:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 8.492 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 8.492 ms
Loss rate: 6.78%
```

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

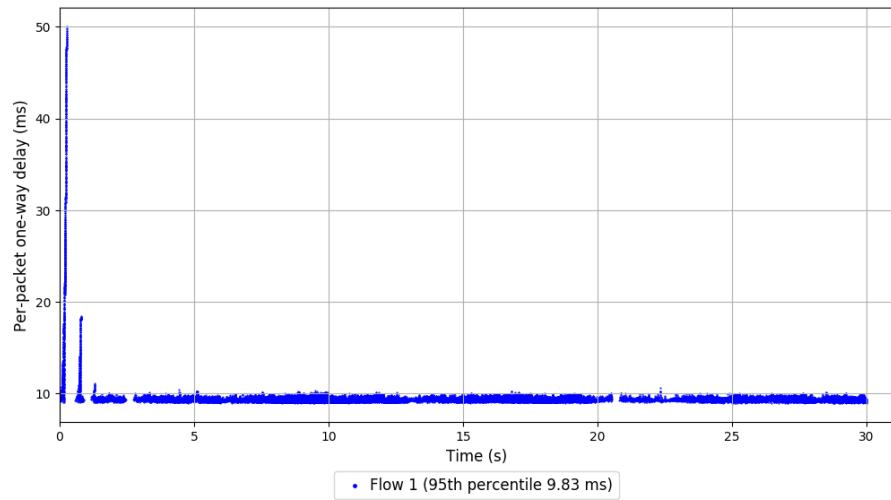
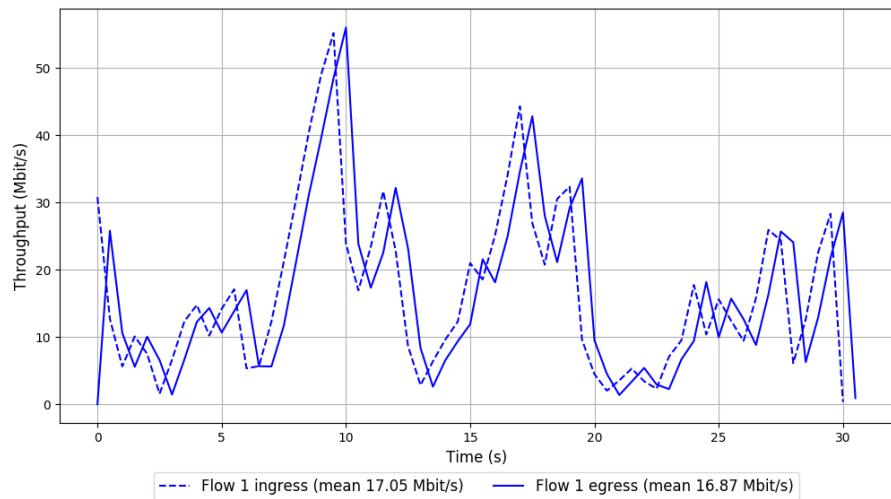


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-21 19:11:40
End at: 2018-08-21 19:12:10
Local clock offset: 0.326 ms
Remote clock offset: -62.441 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 9.832 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 9.832 ms
Loss rate: 1.06%
```

Run 1: Report of TCP Vegas — Data Link

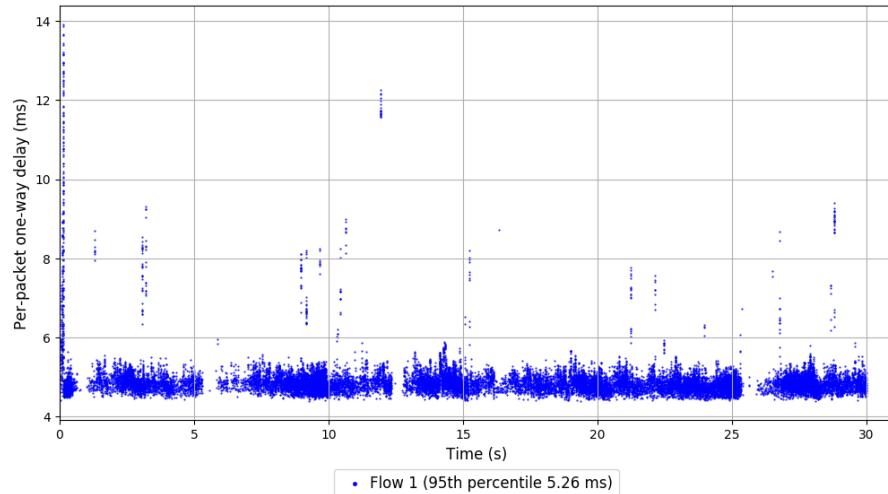
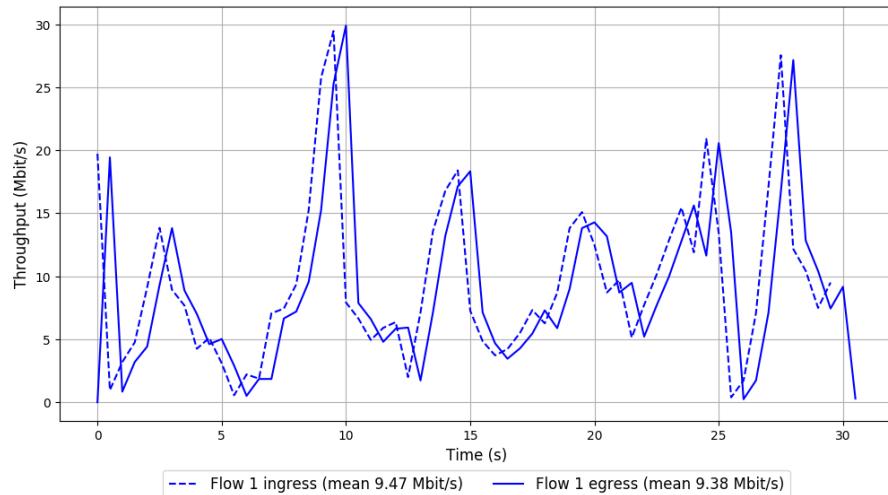


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-21 19:30:54
End at: 2018-08-21 19:31:24
Local clock offset: 3.352 ms
Remote clock offset: -61.863 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 5.256 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 5.256 ms
Loss rate: 0.92%
```

Run 2: Report of TCP Vegas — Data Link

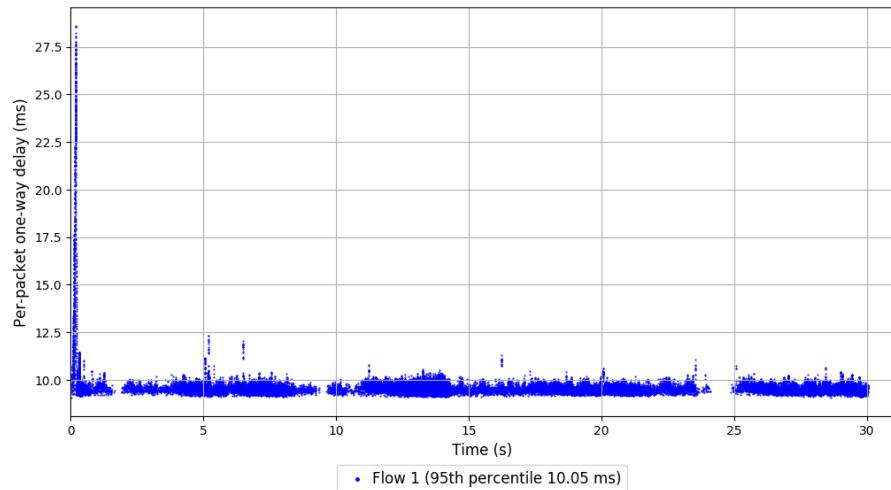
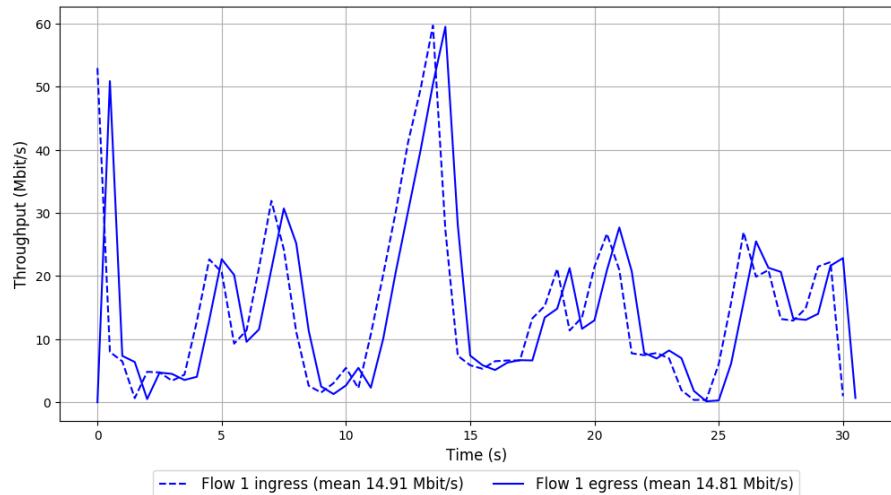


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-21 19:50:13
End at: 2018-08-21 19:50:43
Local clock offset: -0.029 ms
Remote clock offset: -61.668 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 10.053 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 10.053 ms
Loss rate: 0.64%
```

Run 3: Report of TCP Vegas — Data Link

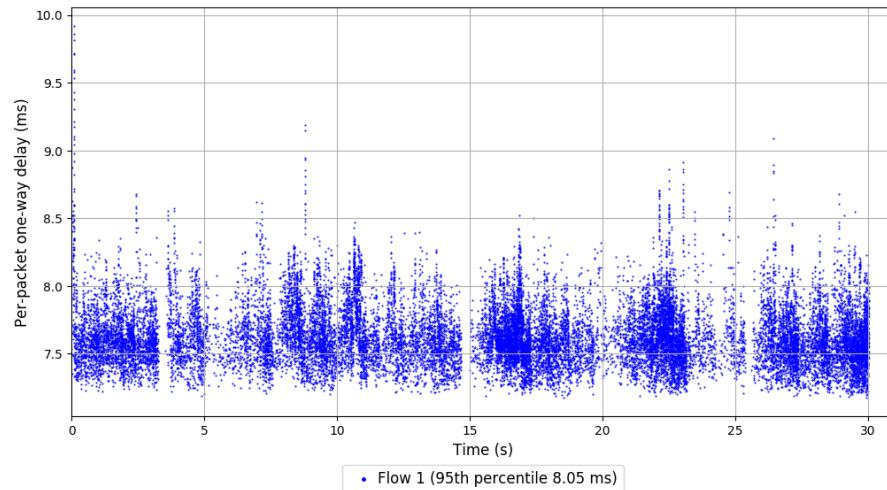
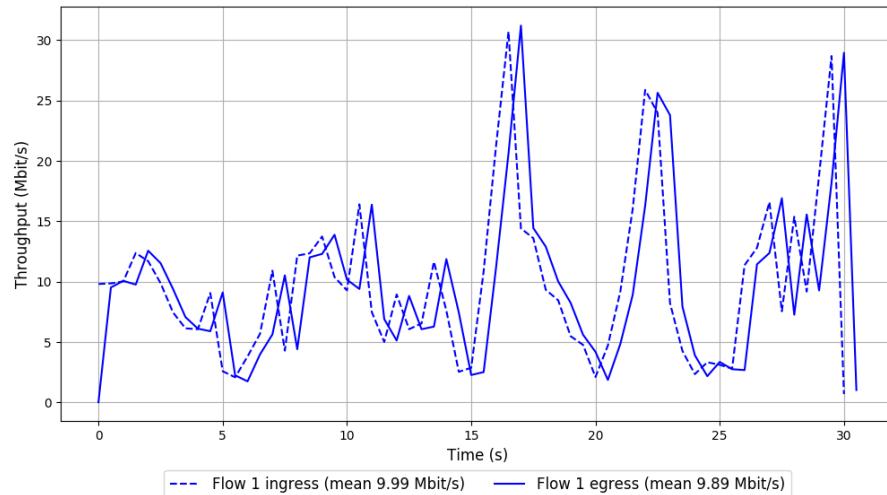


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-21 20:09:25
End at: 2018-08-21 20:09:55
Local clock offset: 1.071 ms
Remote clock offset: -61.574 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 8.050 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 8.050 ms
Loss rate: 1.02%
```

Run 4: Report of TCP Vegas — Data Link

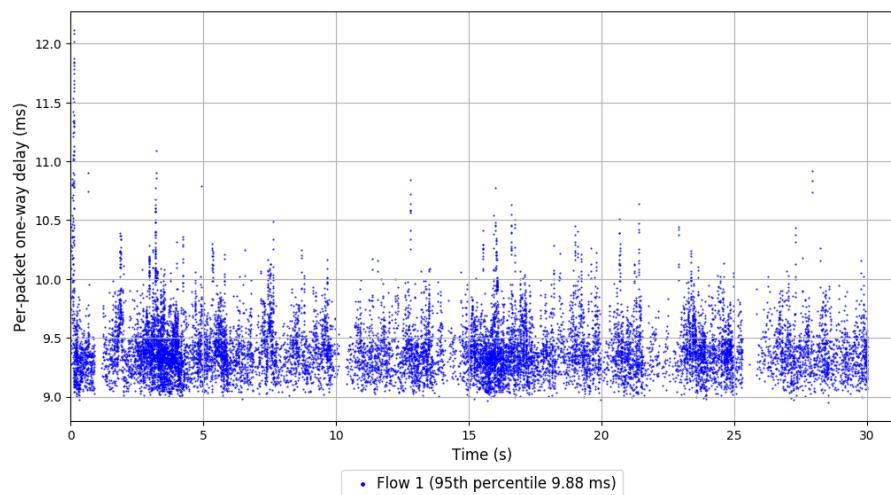
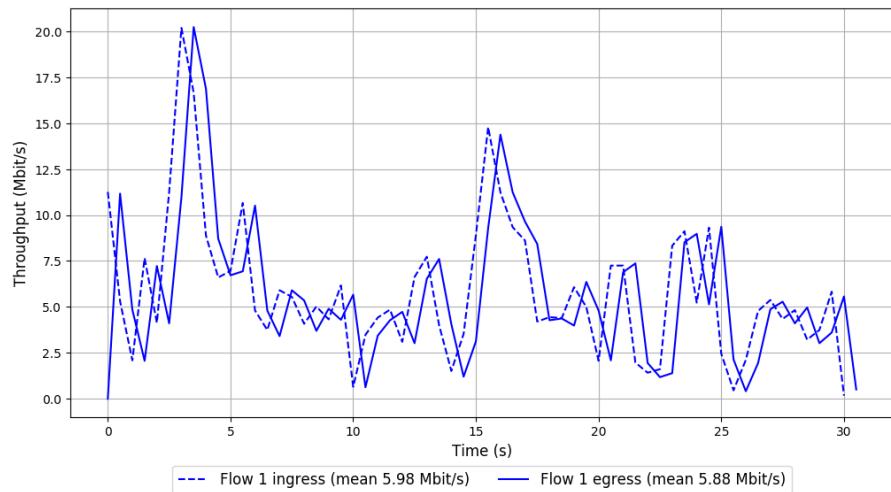


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-21 20:28:43
End at: 2018-08-21 20:29:13
Local clock offset: -2.68 ms
Remote clock offset: -63.403 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.88 Mbit/s
95th percentile per-packet one-way delay: 9.879 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 5.88 Mbit/s
95th percentile per-packet one-way delay: 9.879 ms
Loss rate: 1.65%
```

Run 5: Report of TCP Vegas — Data Link

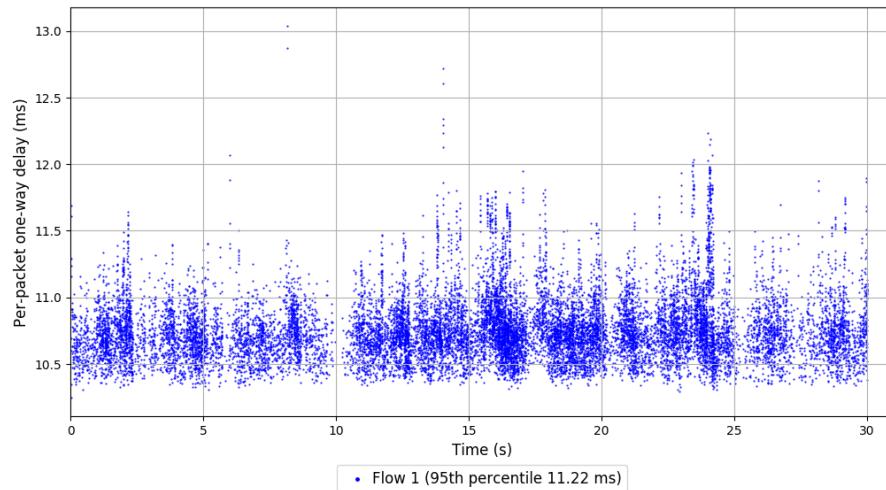
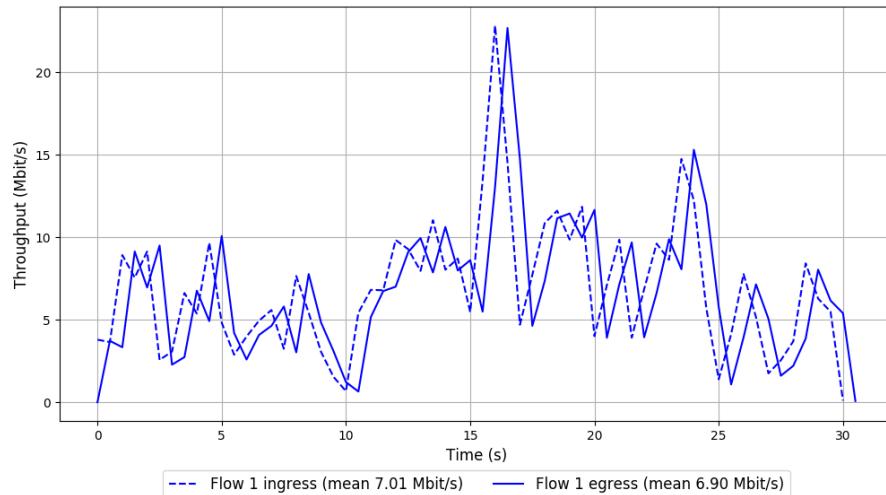


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-21 20:48:03
End at: 2018-08-21 20:48:33
Local clock offset: -2.61 ms
Remote clock offset: -62.677 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 11.223 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 11.223 ms
Loss rate: 1.64%
```

Run 6: Report of TCP Vegas — Data Link

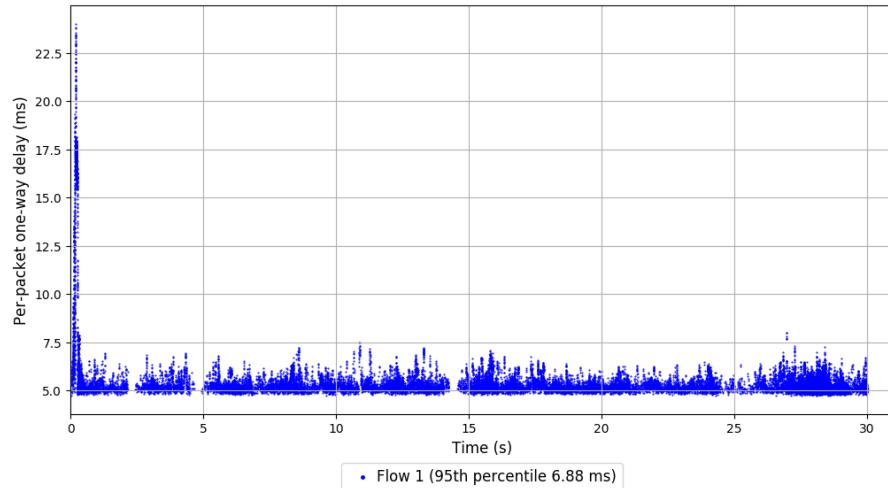
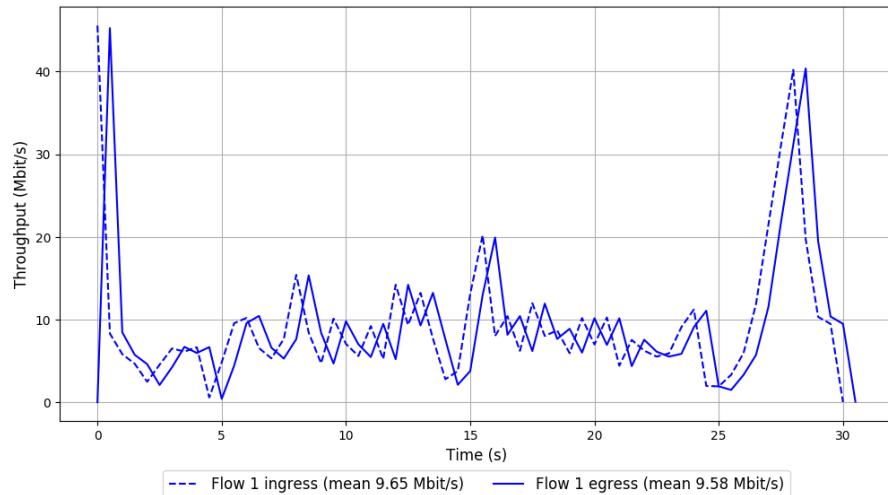


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-21 21:07:26
End at: 2018-08-21 21:07:56
Local clock offset: 3.263 ms
Remote clock offset: -61.184 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 6.881 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 6.881 ms
Loss rate: 0.71%
```

Run 7: Report of TCP Vegas — Data Link

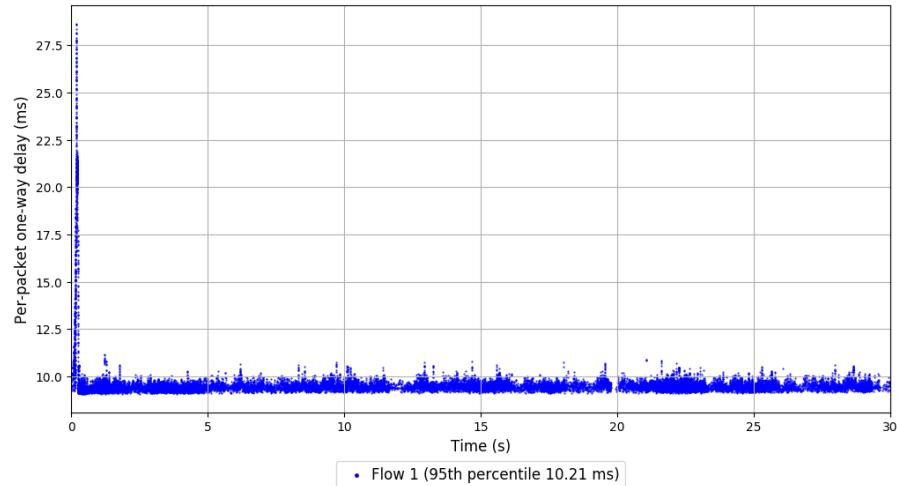
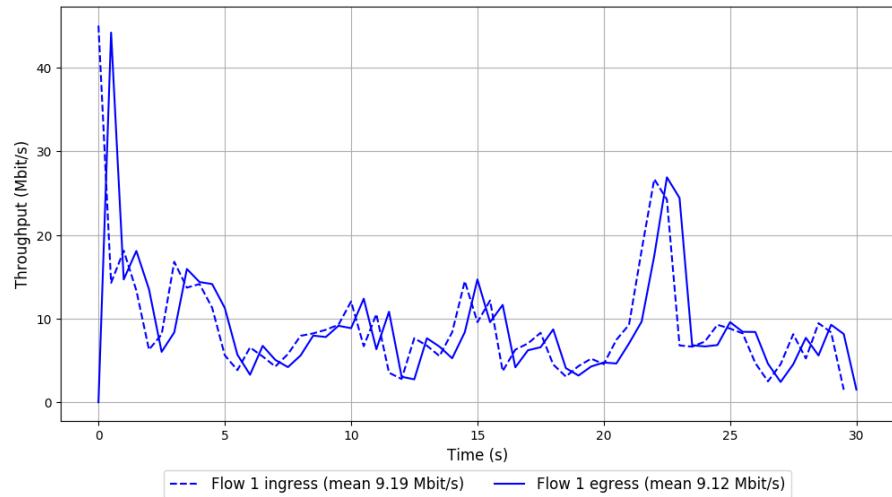


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-21 21:26:55
End at: 2018-08-21 21:27:25
Local clock offset: -0.407 ms
Remote clock offset: -63.402 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 10.211 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 10.211 ms
Loss rate: 0.79%
```

Run 8: Report of TCP Vegas — Data Link

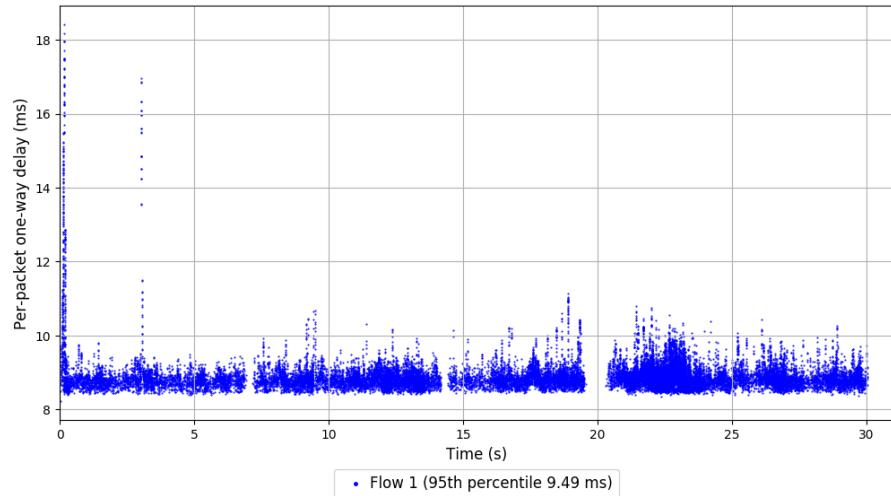
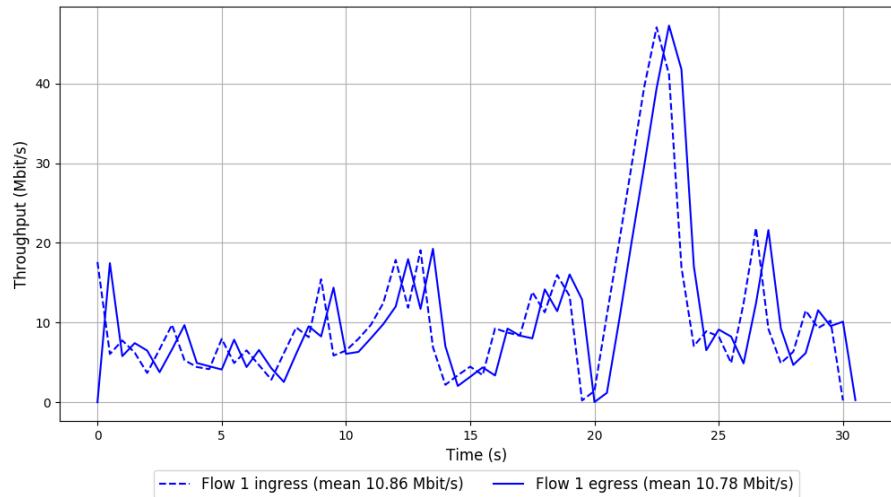


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-21 21:46:25
End at: 2018-08-21 21:46:55
Local clock offset: -0.887 ms
Remote clock offset: -65.051 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 9.491 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 9.491 ms
Loss rate: 0.77%
```

Run 9: Report of TCP Vegas — Data Link

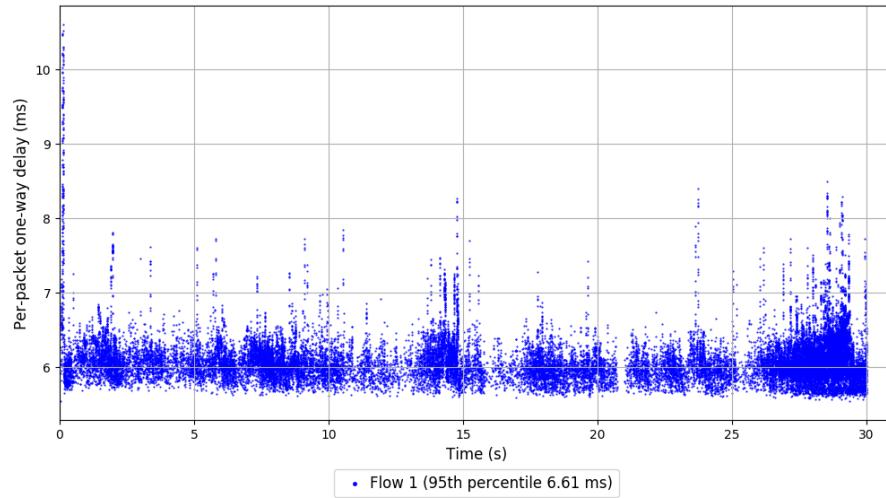
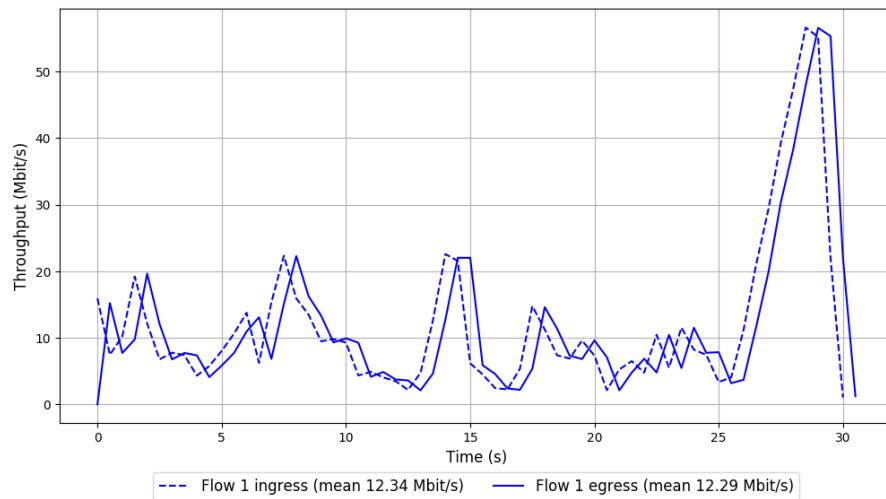


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-21 22:05:32
End at: 2018-08-21 22:06:02
Local clock offset: 1.582 ms
Remote clock offset: -59.421 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 6.614 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 6.614 ms
Loss rate: 0.41%
```

Run 10: Report of TCP Vegas — Data Link

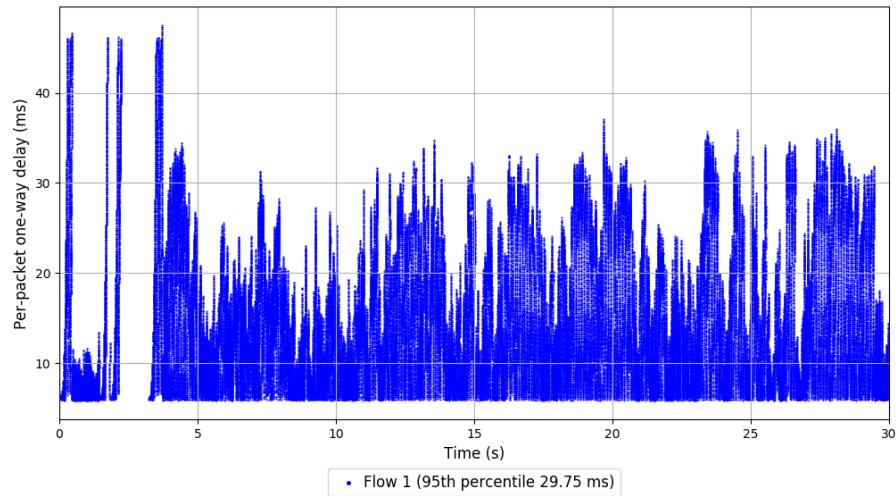
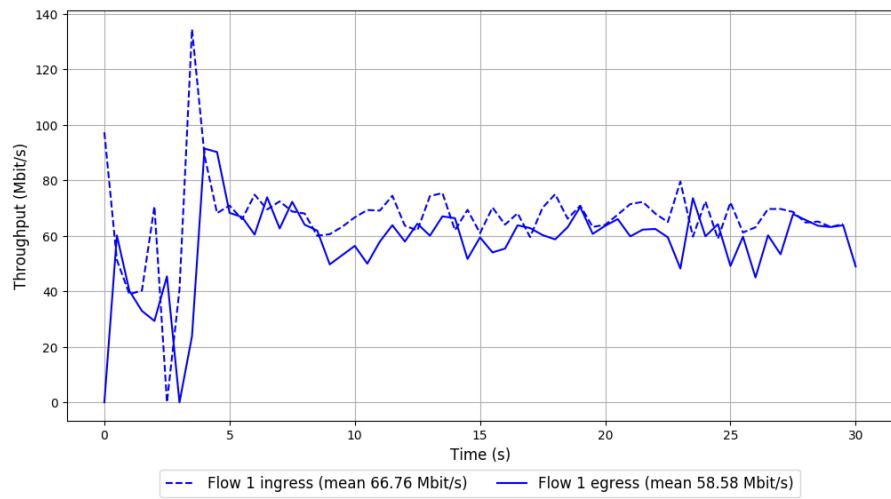


Run 1: Statistics of Verus

```
Start at: 2018-08-21 18:57:59
End at: 2018-08-21 18:58:29
Local clock offset: 1.251 ms
Remote clock offset: -66.482 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 29.753 ms
Loss rate: 12.24%
-- Flow 1:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 29.753 ms
Loss rate: 12.24%
```

Run 1: Report of Verus — Data Link

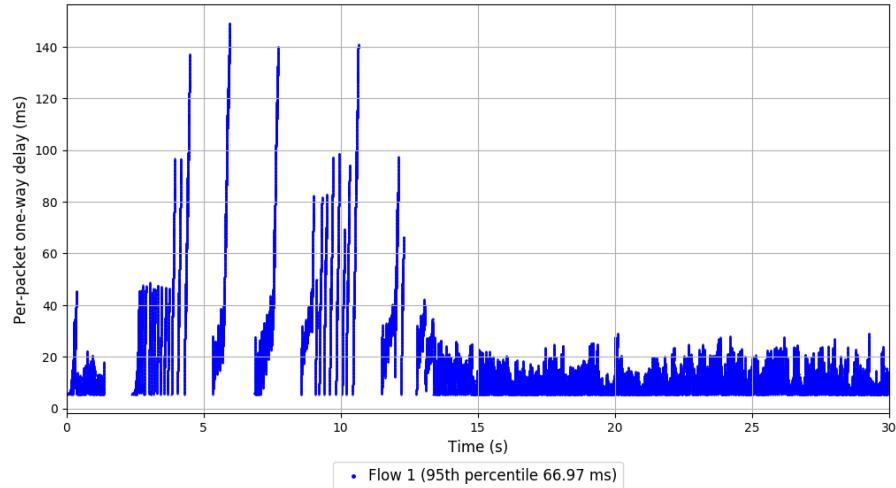
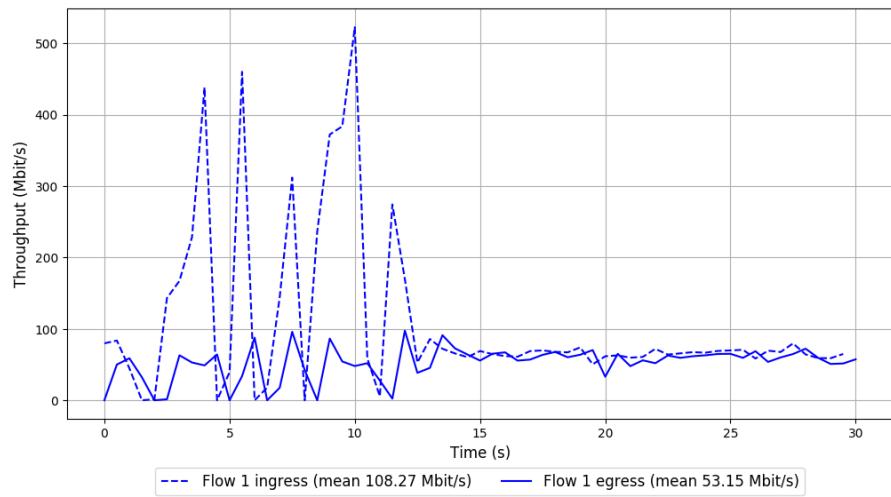


Run 2: Statistics of Verus

```
Start at: 2018-08-21 19:17:22
End at: 2018-08-21 19:17:52
Local clock offset: 2.146 ms
Remote clock offset: -62.933 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.15 Mbit/s
95th percentile per-packet one-way delay: 66.975 ms
Loss rate: 50.91%
-- Flow 1:
Average throughput: 53.15 Mbit/s
95th percentile per-packet one-way delay: 66.975 ms
Loss rate: 50.91%
```

Run 2: Report of Verus — Data Link

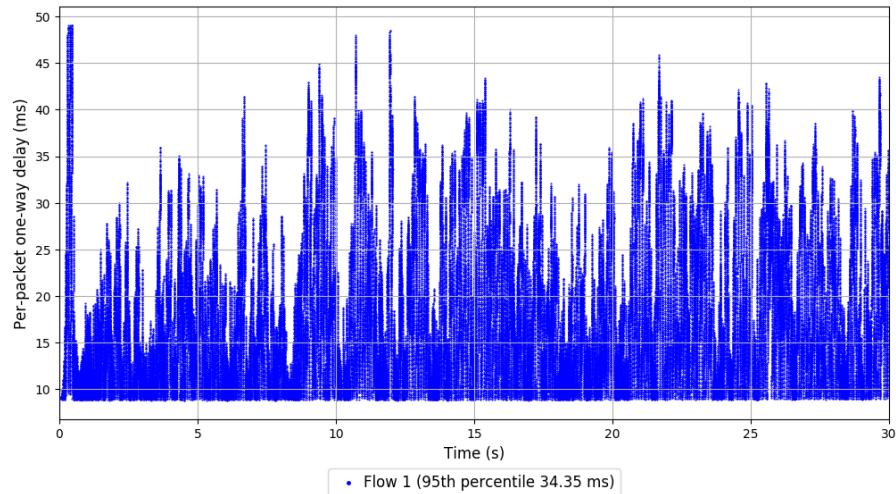
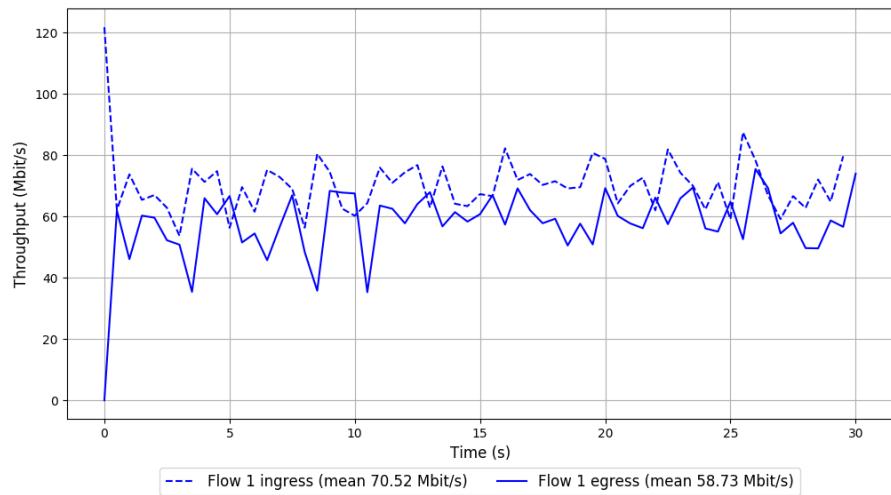


Run 3: Statistics of Verus

```
Start at: 2018-08-21 19:36:38
End at: 2018-08-21 19:37:08
Local clock offset: -0.325 ms
Remote clock offset: -61.952 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 34.347 ms
Loss rate: 16.67%
-- Flow 1:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 34.347 ms
Loss rate: 16.67%
```

Run 3: Report of Verus — Data Link

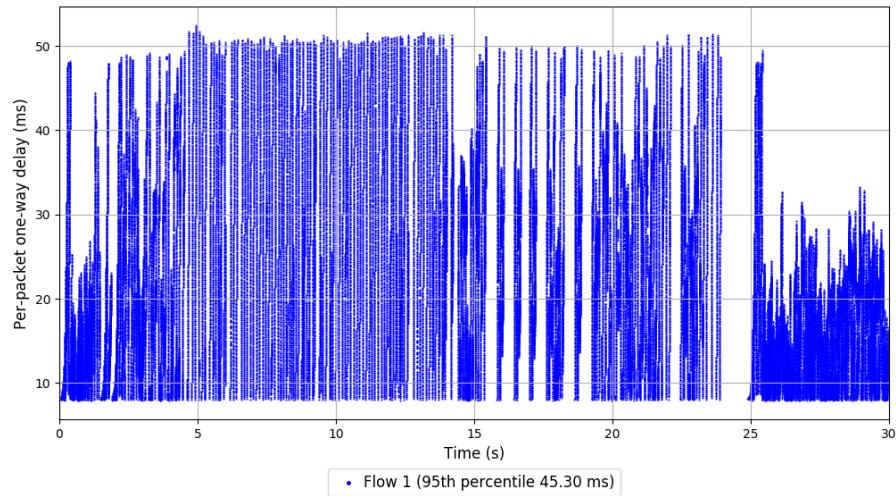
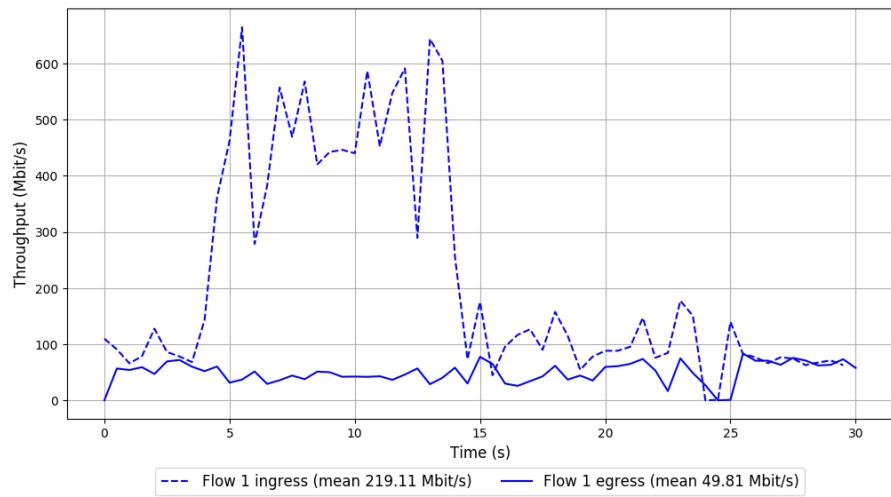


Run 4: Statistics of Verus

```
Start at: 2018-08-21 19:55:49
End at: 2018-08-21 19:56:19
Local clock offset: 0.54 ms
Remote clock offset: -63.051 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 45.301 ms
Loss rate: 77.26%
-- Flow 1:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 45.301 ms
Loss rate: 77.26%
```

Run 4: Report of Verus — Data Link

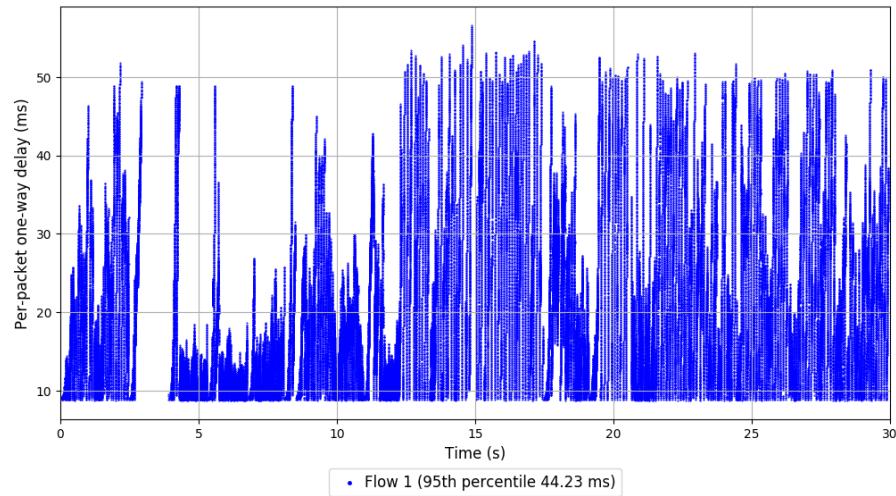
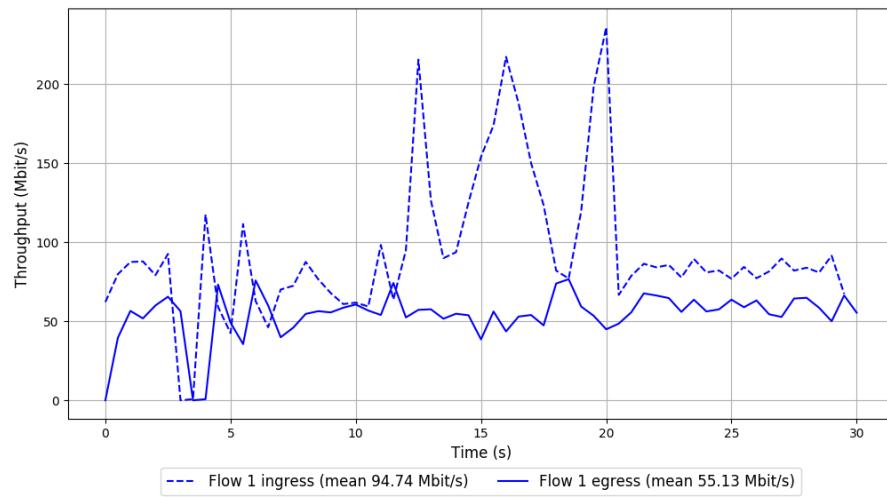


Run 5: Statistics of Verus

```
Start at: 2018-08-21 20:15:01
End at: 2018-08-21 20:15:31
Local clock offset: -1.897 ms
Remote clock offset: -62.58 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 44.228 ms
Loss rate: 41.75%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 44.228 ms
Loss rate: 41.75%
```

Run 5: Report of Verus — Data Link

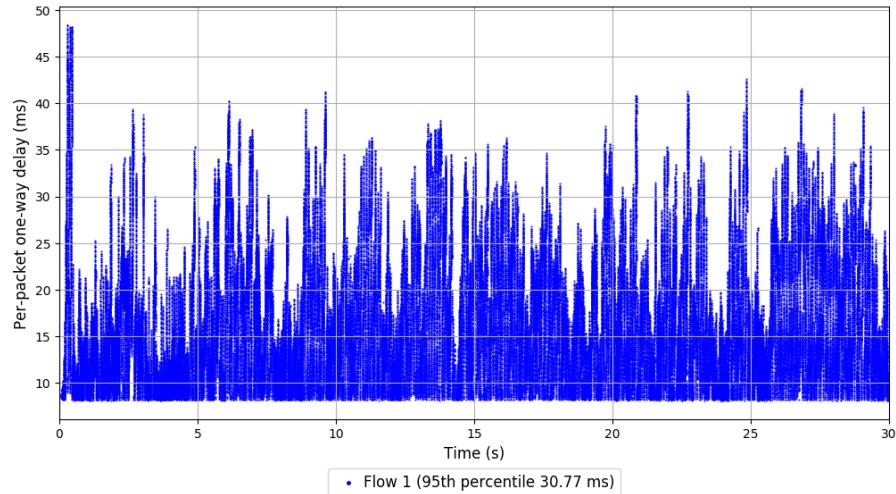
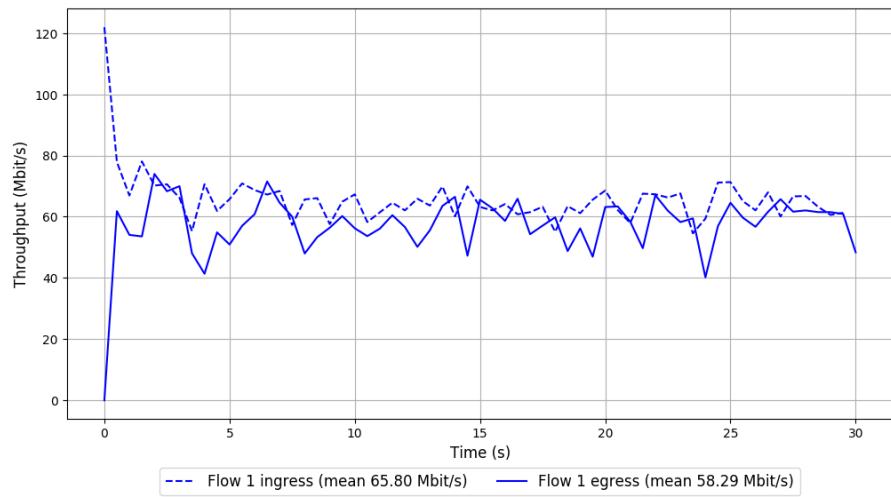


Run 6: Statistics of Verus

```
Start at: 2018-08-21 20:34:24
End at: 2018-08-21 20:34:54
Local clock offset: -1.582 ms
Remote clock offset: -62.138 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 30.767 ms
Loss rate: 11.40%
-- Flow 1:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 30.767 ms
Loss rate: 11.40%
```

Run 6: Report of Verus — Data Link

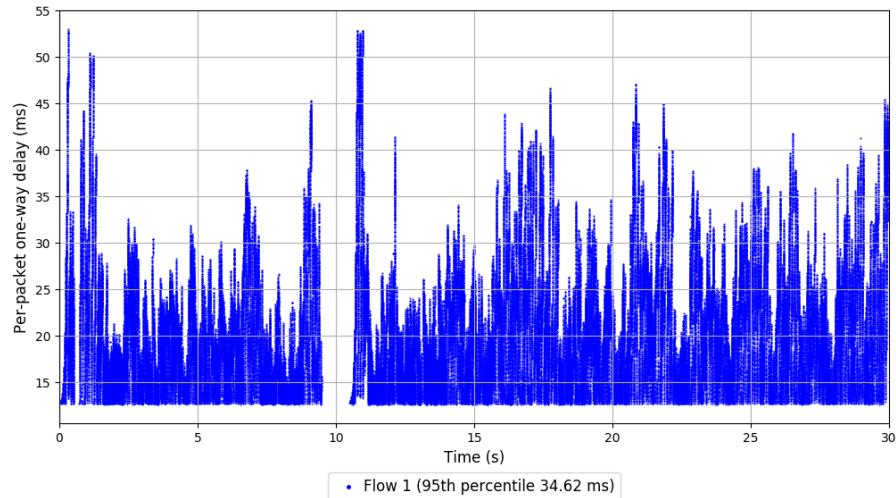
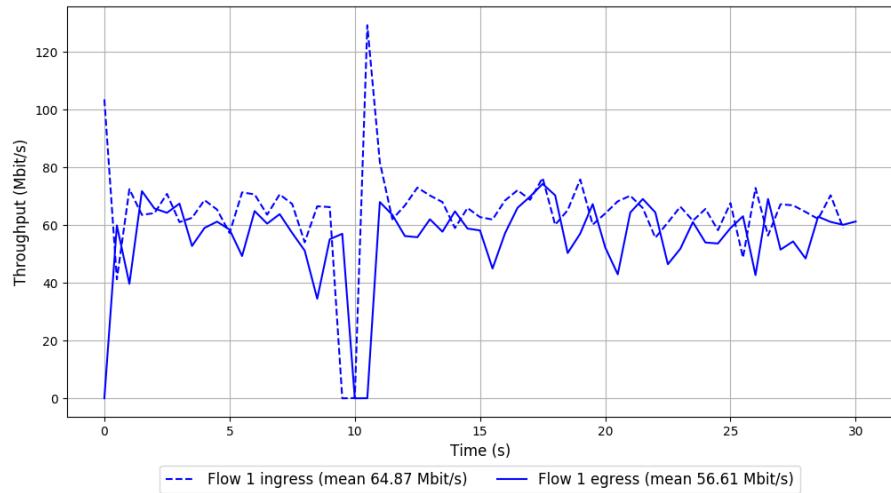


Run 7: Statistics of Verus

```
Start at: 2018-08-21 20:53:41
End at: 2018-08-21 20:54:11
Local clock offset: -5.639 ms
Remote clock offset: -63.327 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 34.621 ms
Loss rate: 12.67%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 34.621 ms
Loss rate: 12.67%
```

Run 7: Report of Verus — Data Link

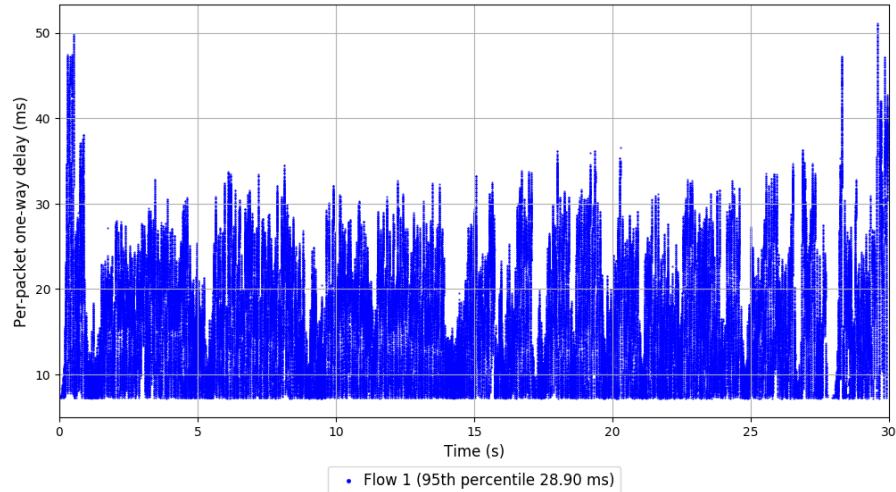
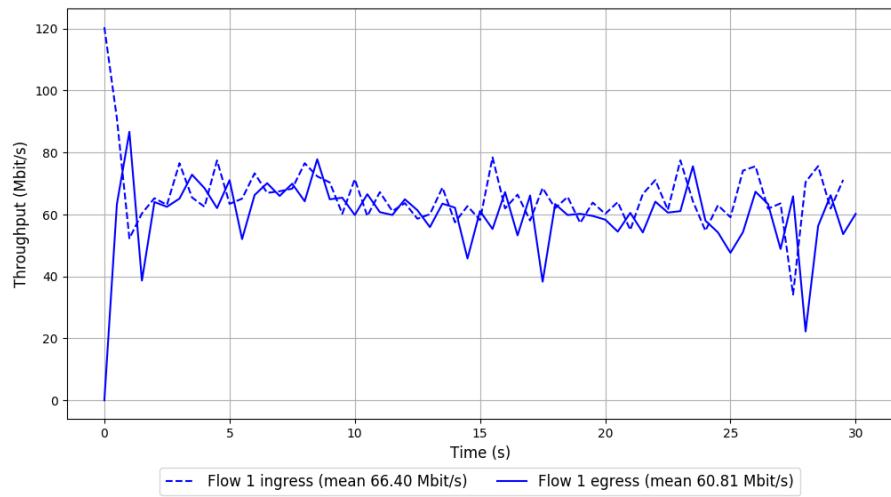


Run 8: Statistics of Verus

```
Start at: 2018-08-21 21:13:05
End at: 2018-08-21 21:13:35
Local clock offset: 0.742 ms
Remote clock offset: -61.105 ms

# Below is generated by plot.py at 2018-08-21 22:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.81 Mbit/s
95th percentile per-packet one-way delay: 28.904 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 60.81 Mbit/s
95th percentile per-packet one-way delay: 28.904 ms
Loss rate: 8.34%
```

Run 8: Report of Verus — Data Link

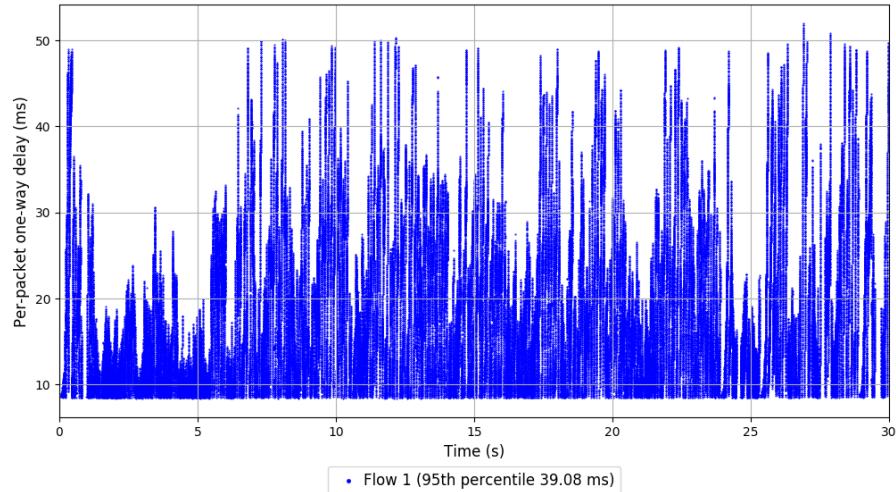
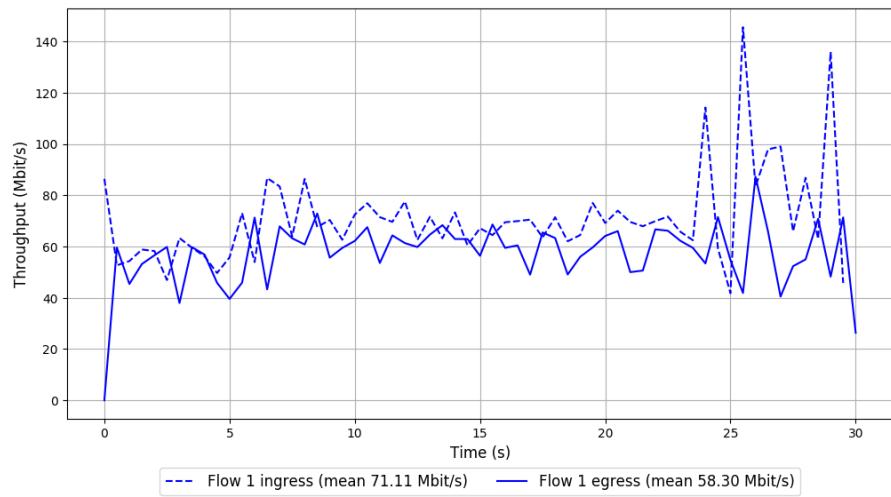


Run 9: Statistics of Verus

```
Start at: 2018-08-21 21:32:37
End at: 2018-08-21 21:33:07
Local clock offset: 0.018 ms
Remote clock offset: -64.362 ms

# Below is generated by plot.py at 2018-08-21 22:26:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 39.076 ms
Loss rate: 17.93%
-- Flow 1:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 39.076 ms
Loss rate: 17.93%
```

Run 9: Report of Verus — Data Link

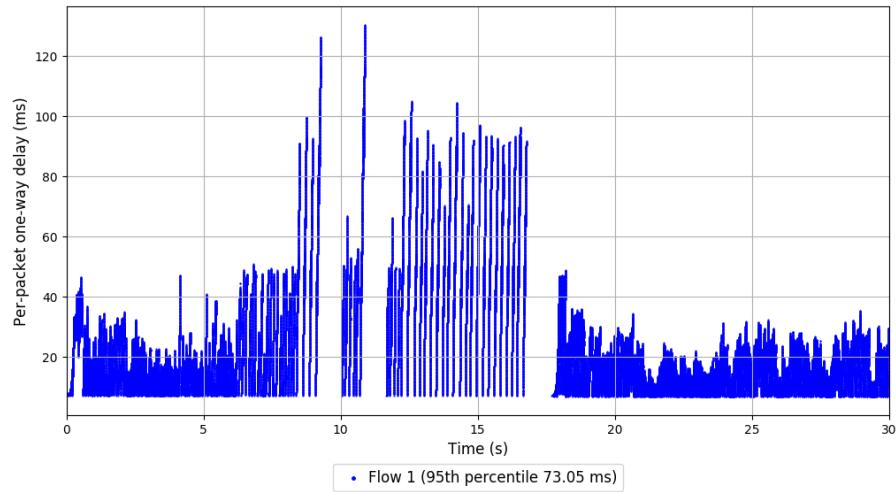
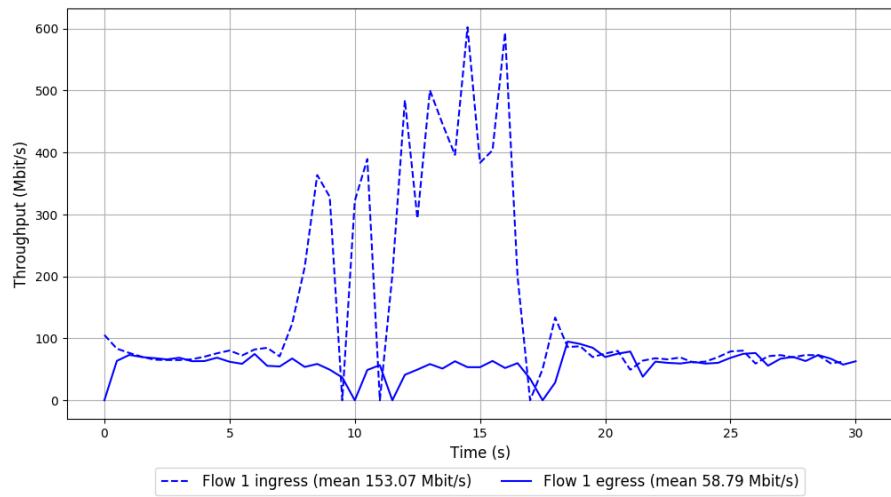


Run 10: Statistics of Verus

```
Start at: 2018-08-21 21:52:01
End at: 2018-08-21 21:52:31
Local clock offset: -0.557 ms
Remote clock offset: -65.451 ms

# Below is generated by plot.py at 2018-08-21 22:26:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 73.048 ms
Loss rate: 61.56%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 73.048 ms
Loss rate: 61.56%
```

Run 10: Report of Verus — Data Link

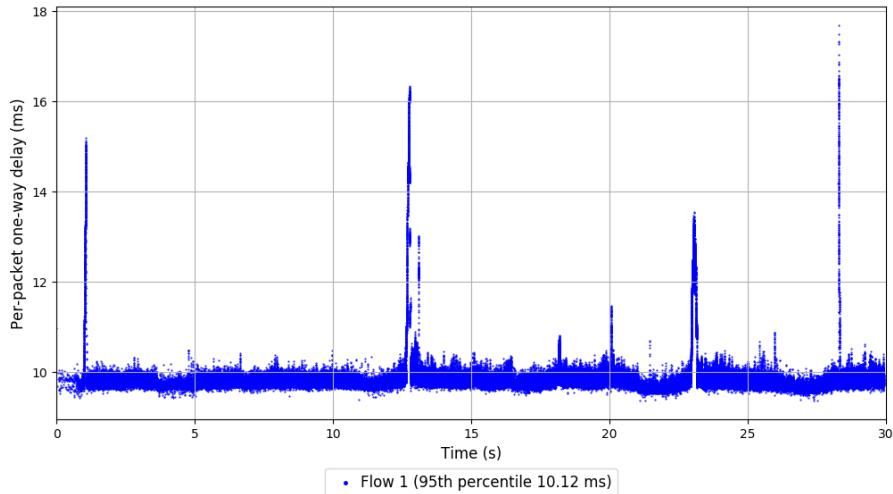
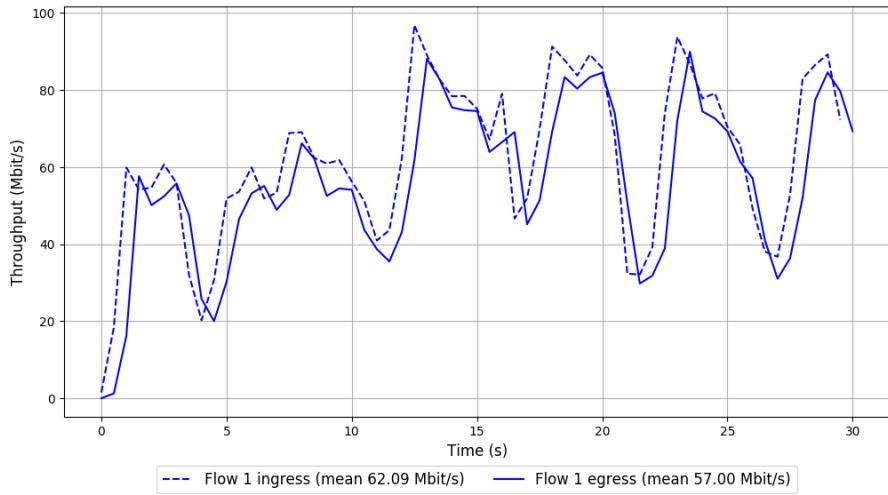


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-08-21 19:07:12
End at: 2018-08-21 19:07:42
Local clock offset: -1.23 ms
Remote clock offset: -63.86 ms

# Below is generated by plot.py at 2018-08-21 22:26:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 10.125 ms
Loss rate: 8.21%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 10.125 ms
Loss rate: 8.21%
```

Run 1: Report of PCC-Vivace — Data Link

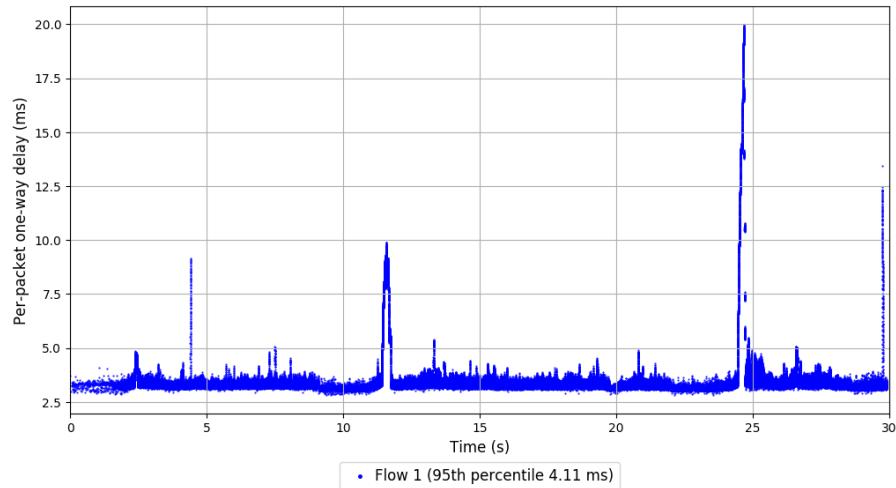
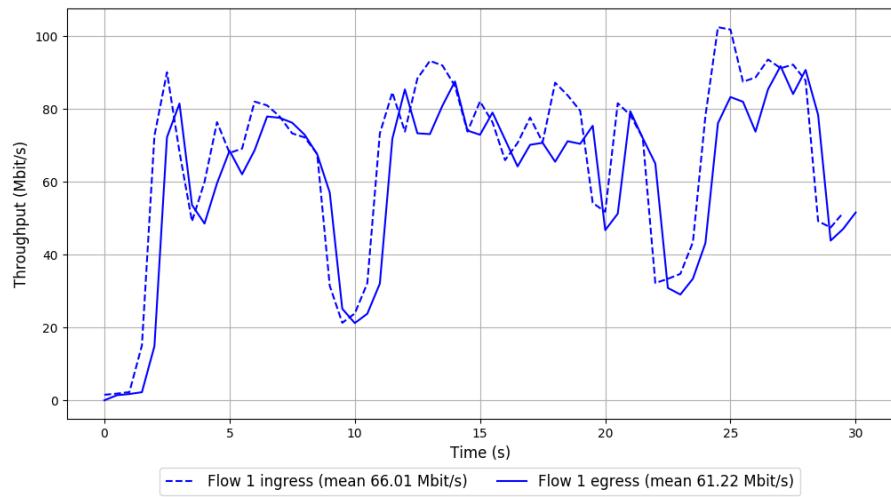


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-21 19:26:28
End at: 2018-08-21 19:26:58
Local clock offset: 4.102 ms
Remote clock offset: -62.747 ms

# Below is generated by plot.py at 2018-08-21 22:27:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 4.108 ms
Loss rate: 7.26%
-- Flow 1:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 4.108 ms
Loss rate: 7.26%
```

Run 2: Report of PCC-Vivace — Data Link

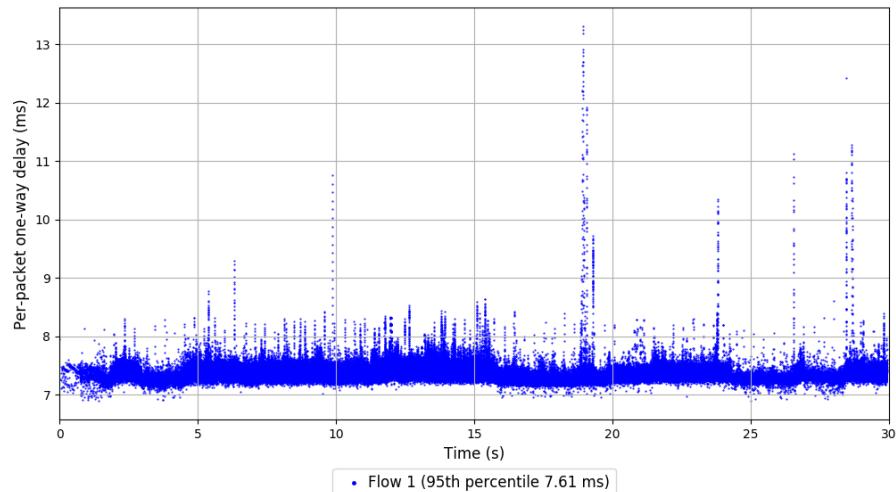
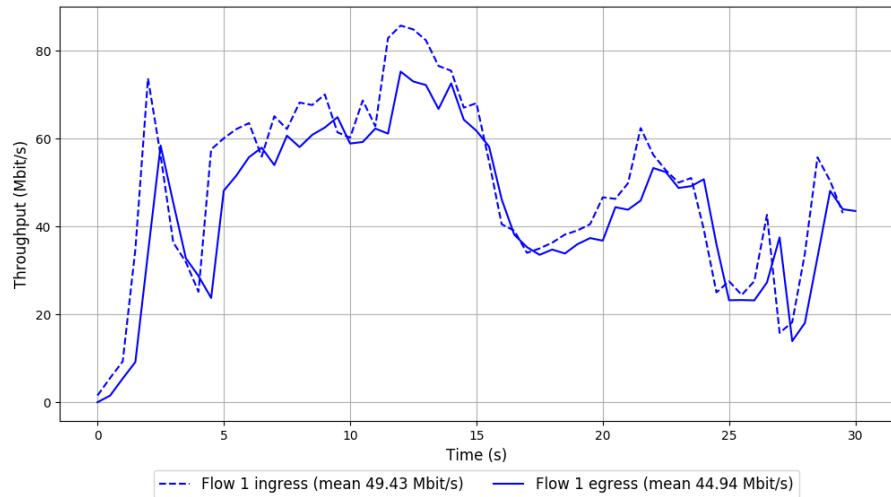


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-21 19:45:47
End at: 2018-08-21 19:46:17
Local clock offset: 0.623 ms
Remote clock offset: -62.868 ms

# Below is generated by plot.py at 2018-08-21 22:27:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.94 Mbit/s
95th percentile per-packet one-way delay: 7.611 ms
Loss rate: 9.08%
-- Flow 1:
Average throughput: 44.94 Mbit/s
95th percentile per-packet one-way delay: 7.611 ms
Loss rate: 9.08%
```

Run 3: Report of PCC-Vivace — Data Link

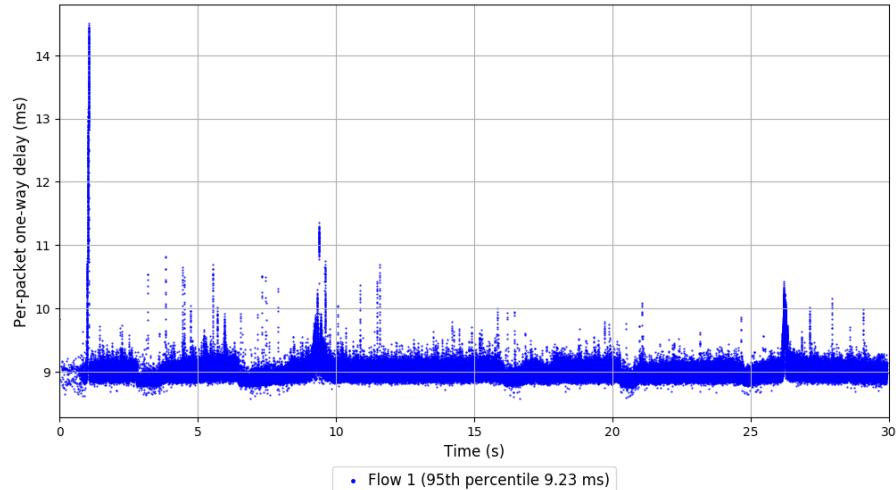
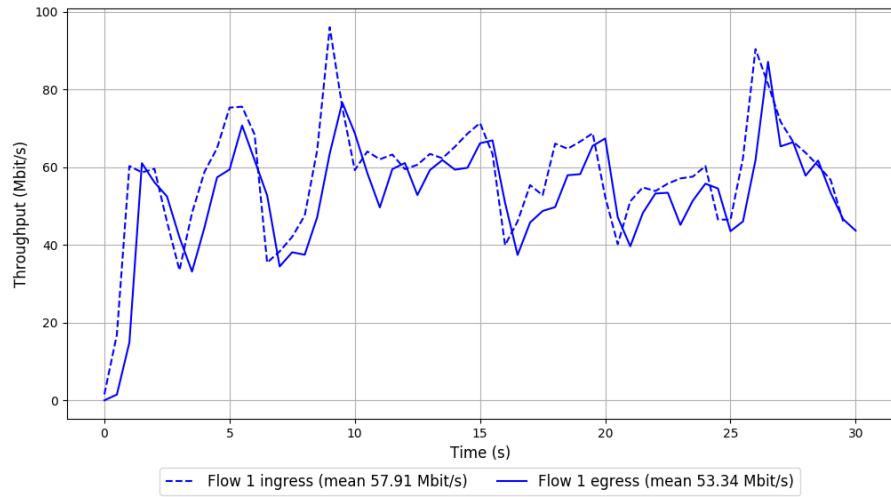


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-21 20:04:56
End at: 2018-08-21 20:05:26
Local clock offset: -0.368 ms
Remote clock offset: -62.777 ms

# Below is generated by plot.py at 2018-08-21 22:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.34 Mbit/s
95th percentile per-packet one-way delay: 9.227 ms
Loss rate: 7.90%
-- Flow 1:
Average throughput: 53.34 Mbit/s
95th percentile per-packet one-way delay: 9.227 ms
Loss rate: 7.90%
```

Run 4: Report of PCC-Vivace — Data Link

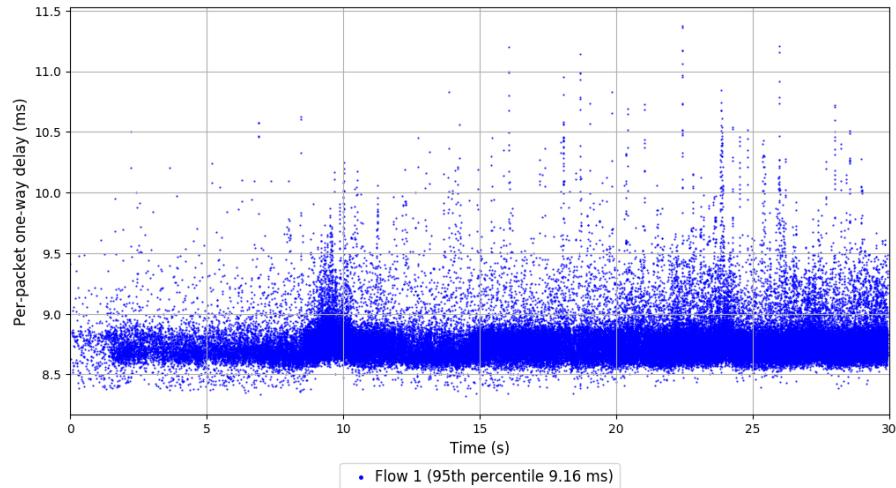
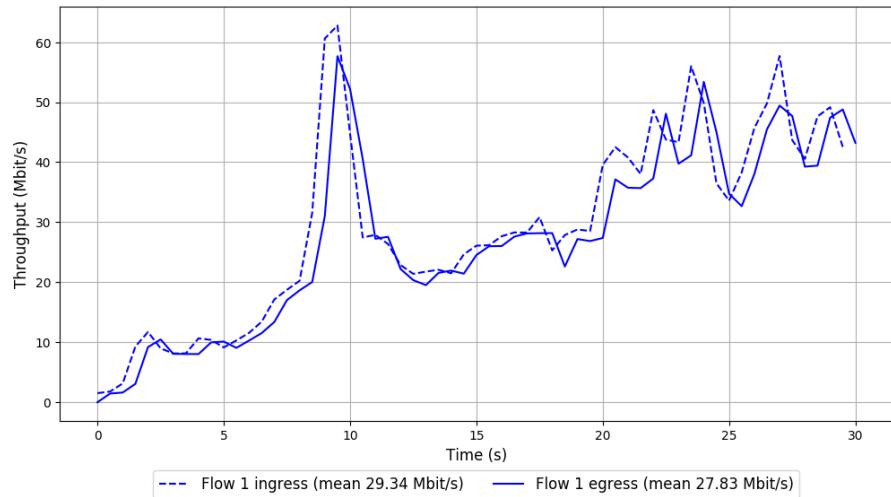


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-21 20:24:18
End at: 2018-08-21 20:24:48
Local clock offset: -1.747 ms
Remote clock offset: -63.088 ms

# Below is generated by plot.py at 2018-08-21 22:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 9.158 ms
Loss rate: 5.13%
-- Flow 1:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 9.158 ms
Loss rate: 5.13%
```

Run 5: Report of PCC-Vivace — Data Link

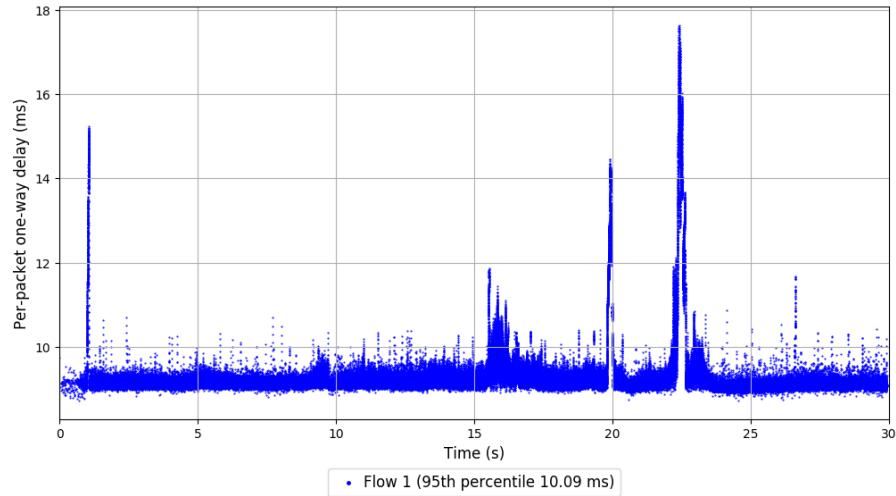
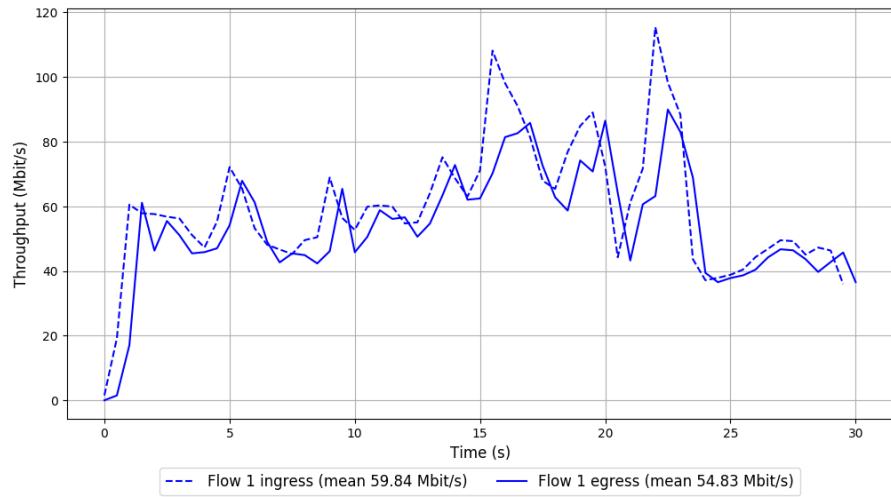


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-21 20:43:37
End at: 2018-08-21 20:44:07
Local clock offset: -1.474 ms
Remote clock offset: -62.993 ms

# Below is generated by plot.py at 2018-08-21 22:27:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 10.092 ms
Loss rate: 8.38%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 10.092 ms
Loss rate: 8.38%
```

Run 6: Report of PCC-Vivace — Data Link

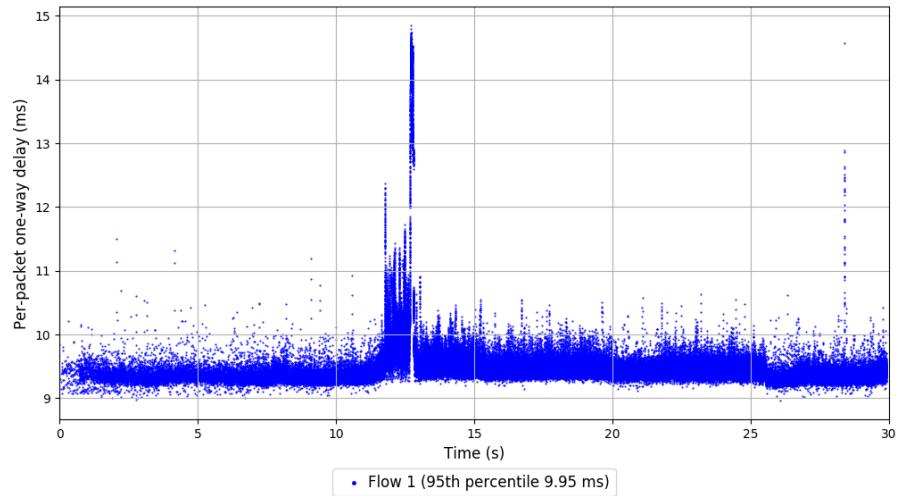
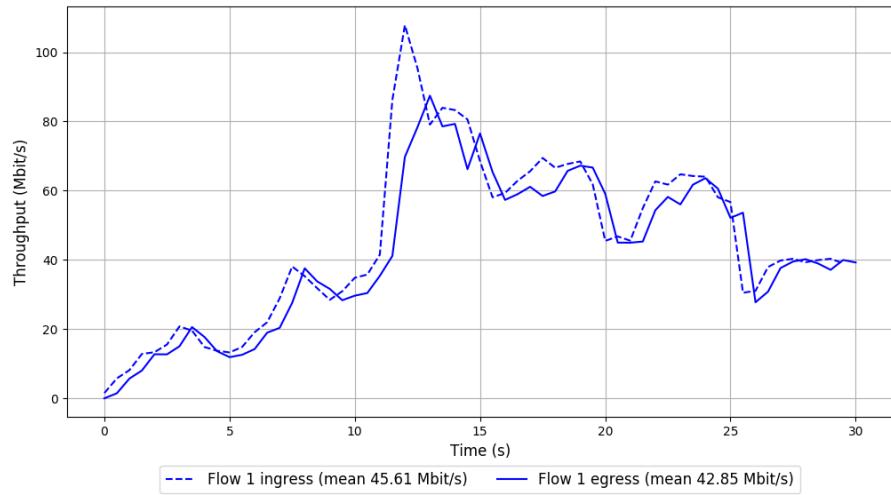


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-21 21:03:02
End at: 2018-08-21 21:03:32
Local clock offset: -0.796 ms
Remote clock offset: -61.699 ms

# Below is generated by plot.py at 2018-08-21 22:27:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 9.946 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 9.946 ms
Loss rate: 6.05%
```

Run 7: Report of PCC-Vivace — Data Link

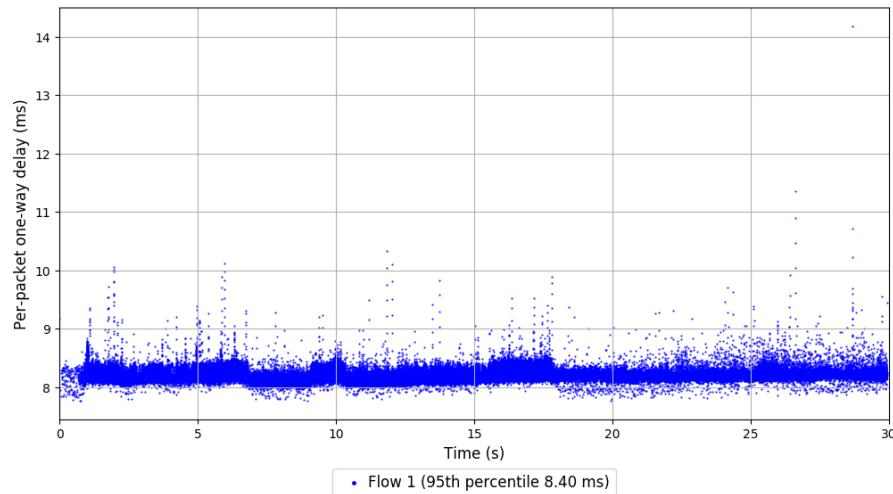
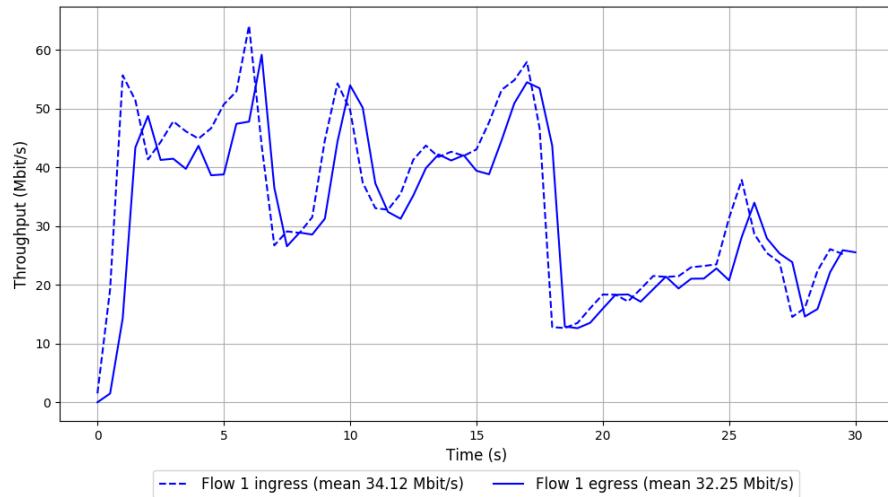


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-21 21:22:19
End at: 2018-08-21 21:22:49
Local clock offset: -0.444 ms
Remote clock offset: -62.776 ms

# Below is generated by plot.py at 2018-08-21 22:27:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 8.396 ms
Loss rate: 5.47%
-- Flow 1:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 8.396 ms
Loss rate: 5.47%
```

Run 8: Report of PCC-Vivace — Data Link

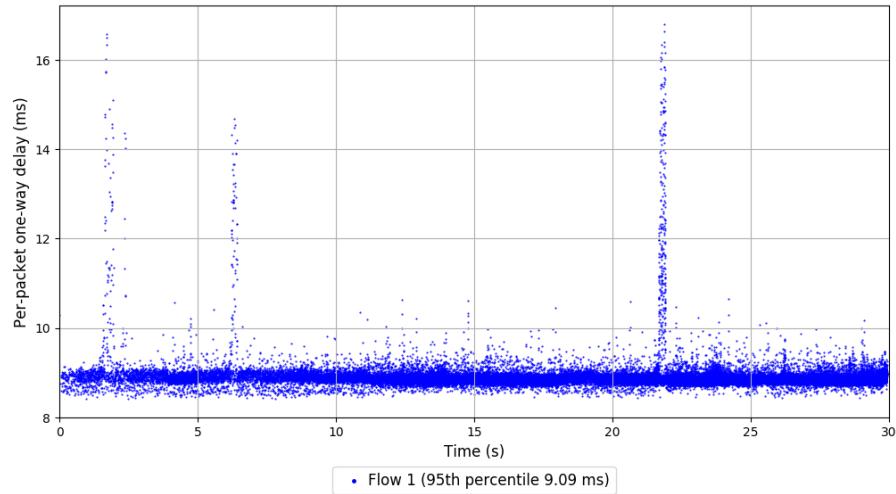
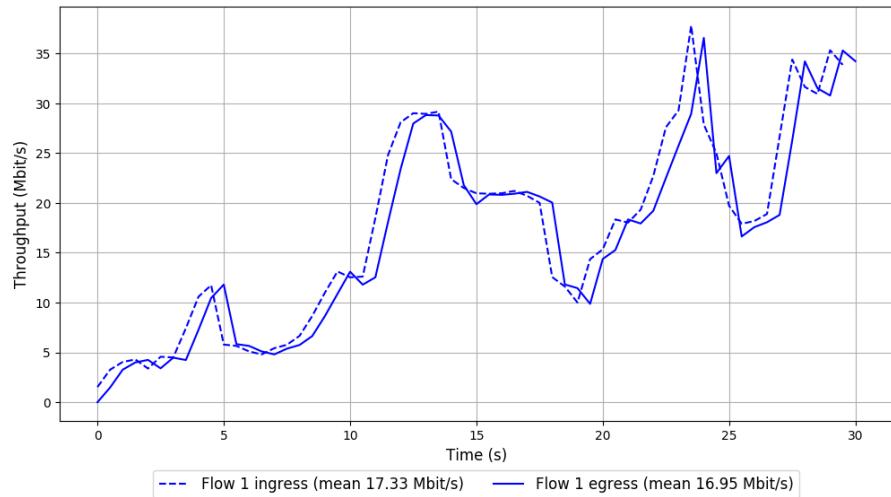


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-21 21:42:00
End at: 2018-08-21 21:42:30
Local clock offset: -0.635 ms
Remote clock offset: -64.341 ms

# Below is generated by plot.py at 2018-08-21 22:27:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.95 Mbit/s
95th percentile per-packet one-way delay: 9.092 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 16.95 Mbit/s
95th percentile per-packet one-way delay: 9.092 ms
Loss rate: 2.20%
```

Run 9: Report of PCC-Vivace — Data Link

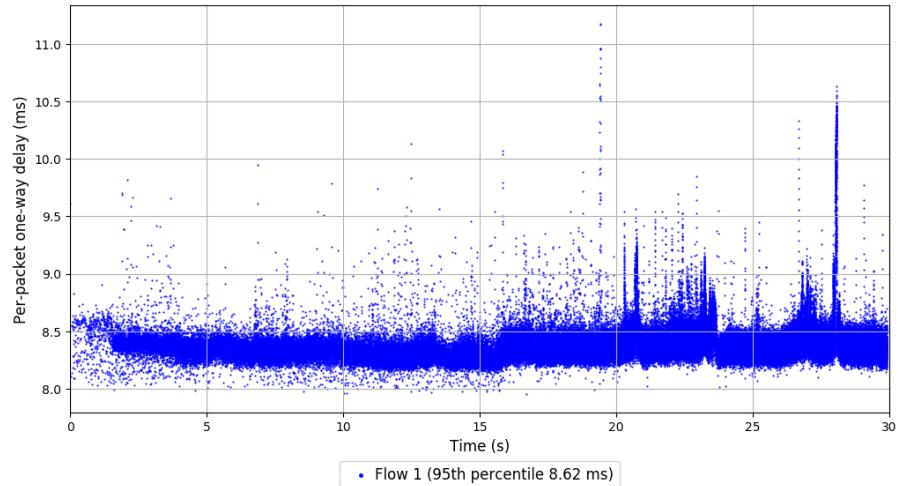
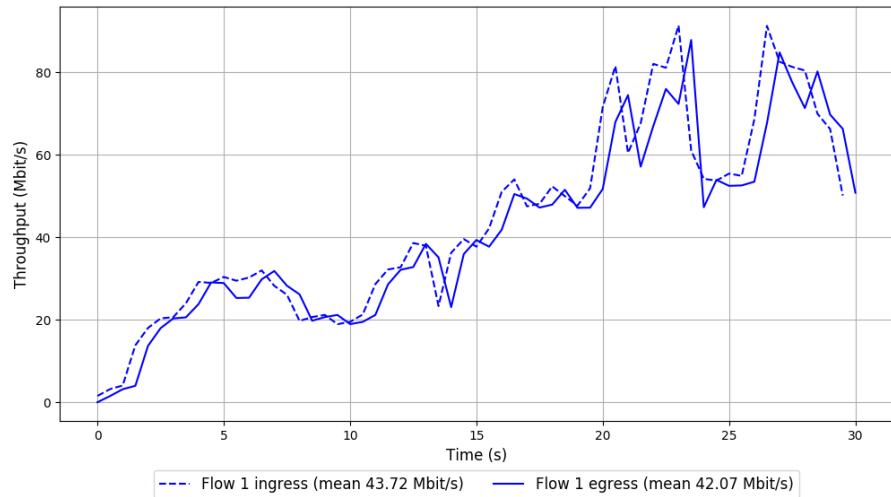


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-21 22:01:11
End at: 2018-08-21 22:01:41
Local clock offset: -1.075 ms
Remote clock offset: -59.824 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 8.619 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 8.619 ms
Loss rate: 3.80%
```

Run 10: Report of PCC-Vivace — Data Link

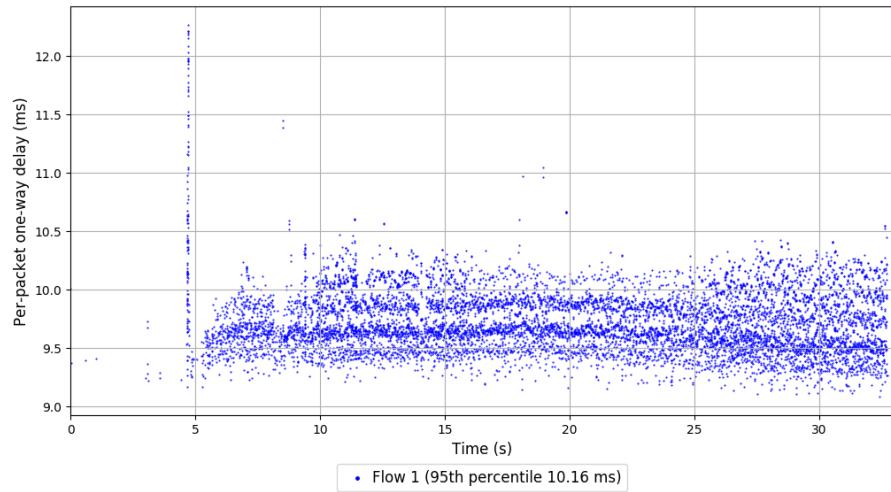
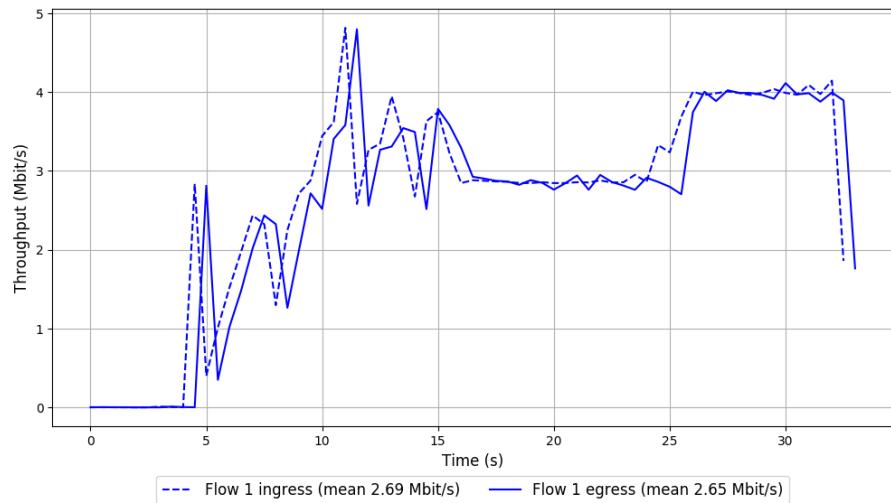


```
Run 1: Statistics of WebRTC media

Start at: 2018-08-21 19:00:21
End at: 2018-08-21 19:00:51
Local clock offset: -1.425 ms
Remote clock offset: -66.565 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 10.159 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 10.159 ms
Loss rate: 1.69%
```

Run 1: Report of WebRTC media — Data Link

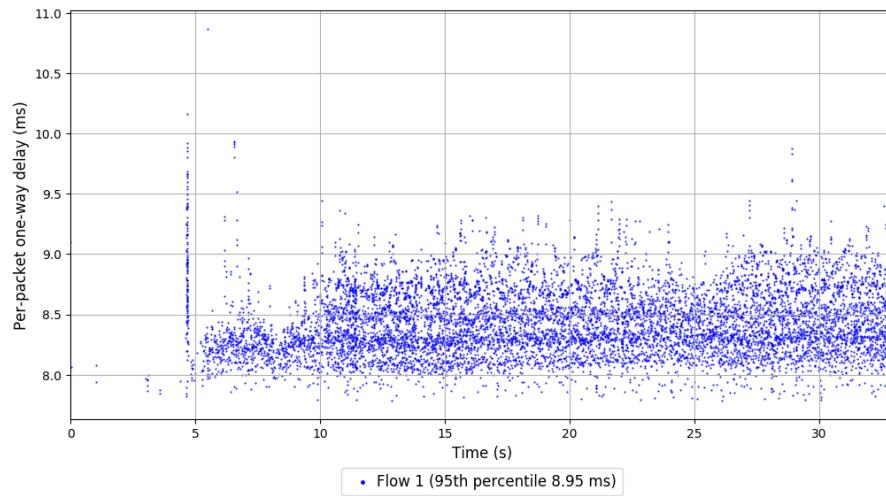
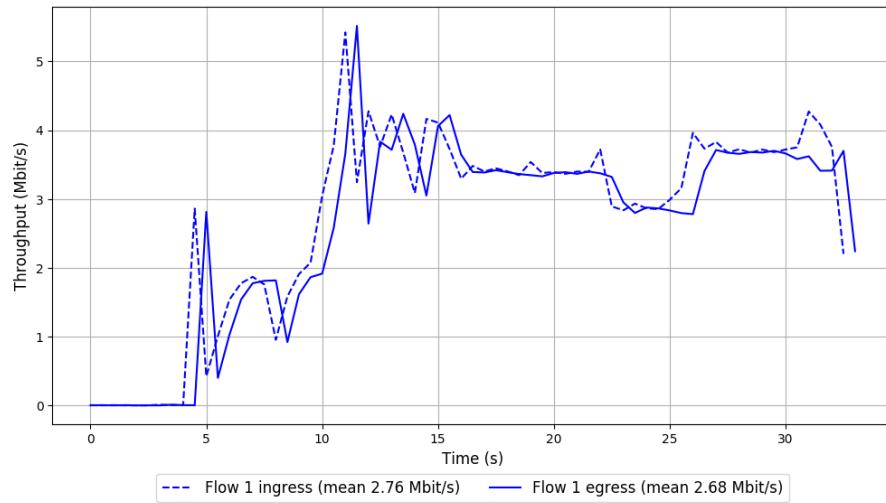


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-21 19:19:39
End at: 2018-08-21 19:20:09
Local clock offset: -0.924 ms
Remote clock offset: -63.152 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 8.949 ms
Loss rate: 3.20%
-- Flow 1:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 8.949 ms
Loss rate: 3.20%
```

Run 2: Report of WebRTC media — Data Link

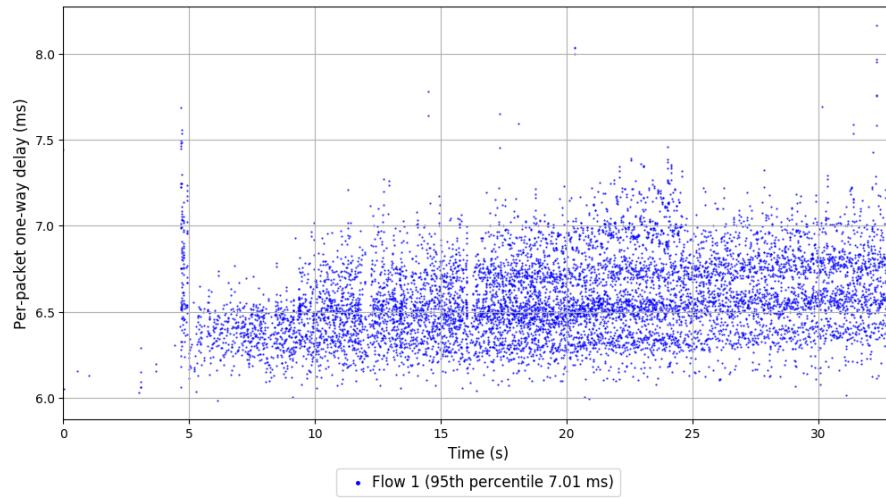
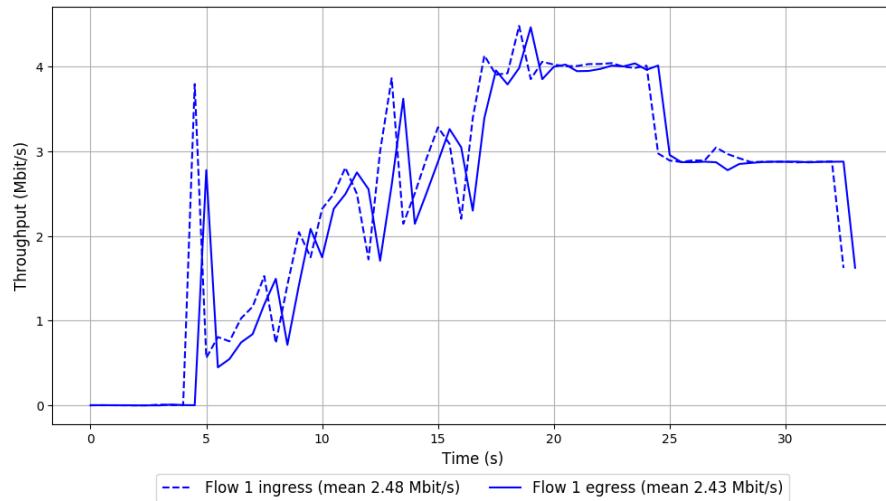


```
Run 3: Statistics of WebRTC media

Start at: 2018-08-21 19:38:53
End at: 2018-08-21 19:39:24
Local clock offset: -3.246 ms
Remote clock offset: -67.894 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 7.006 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 7.006 ms
Loss rate: 2.01%
```

Run 3: Report of WebRTC media — Data Link

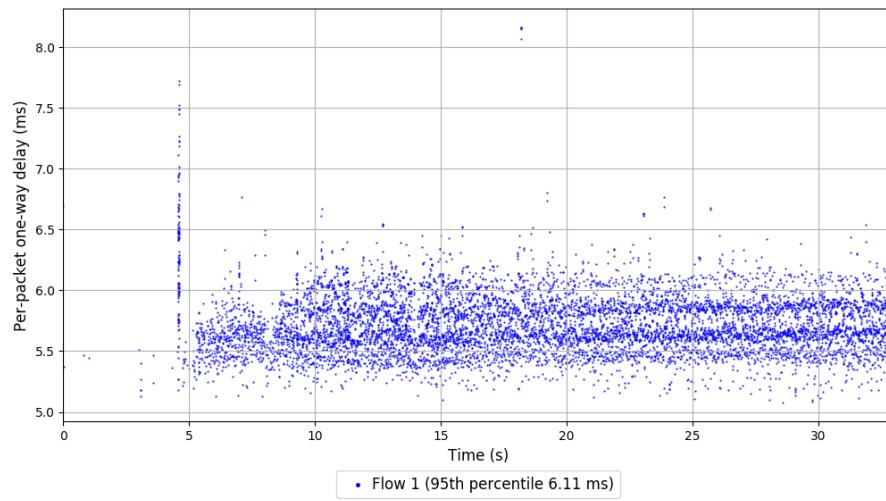
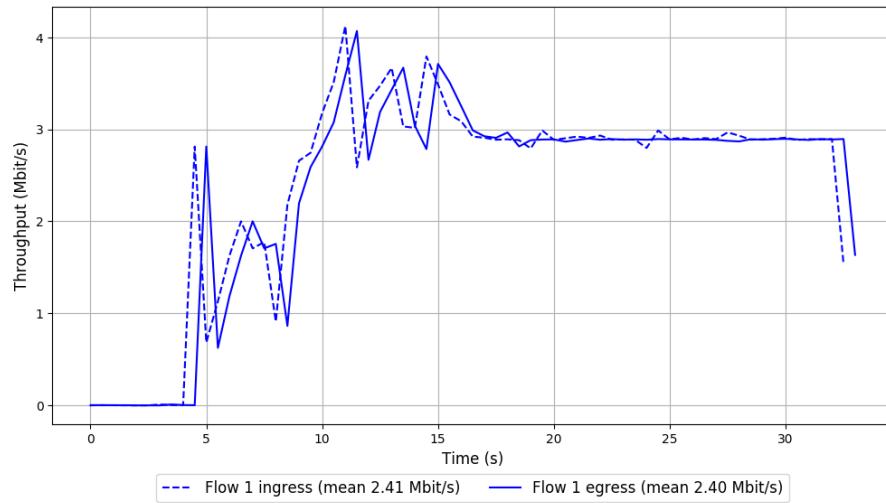


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-21 19:58:06
End at: 2018-08-21 19:58:36
Local clock offset: 2.708 ms
Remote clock offset: -62.5 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 6.112 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 6.112 ms
Loss rate: 0.46%
```

Run 4: Report of WebRTC media — Data Link

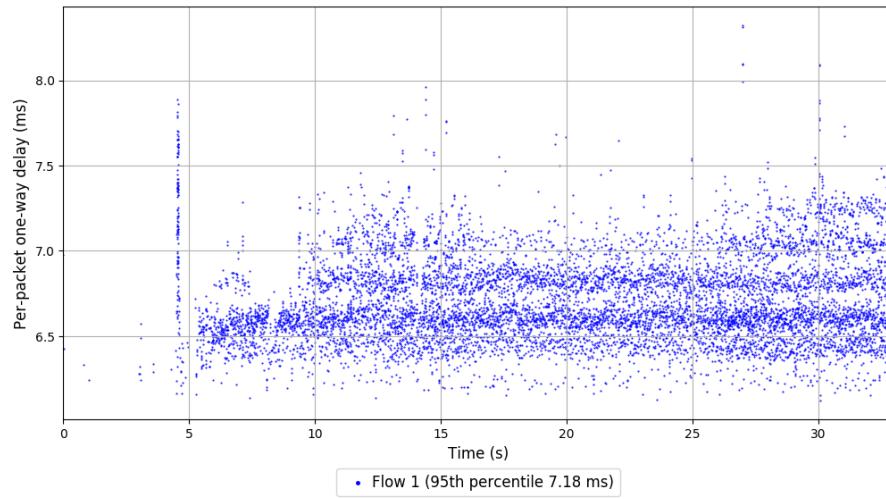
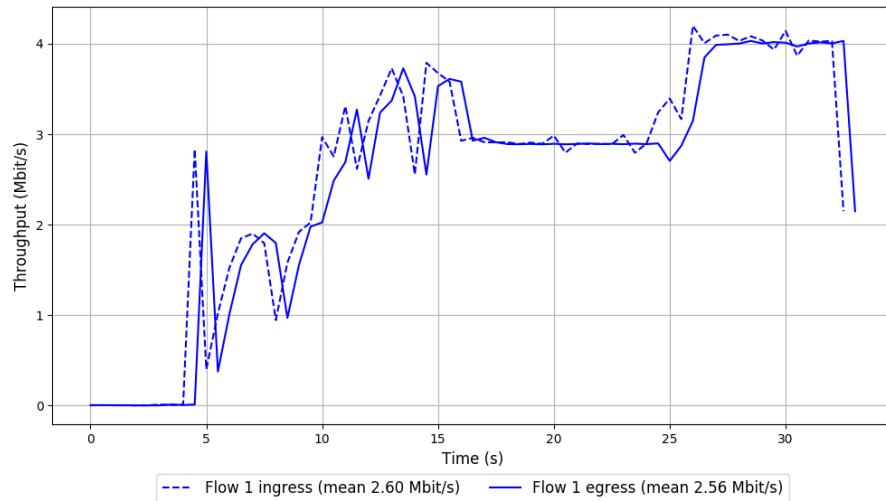


Run 5: Statistics of WebRTC media

```
Start at: 2018-08-21 20:17:18
End at: 2018-08-21 20:17:48
Local clock offset: 1.201 ms
Remote clock offset: -62.65 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 7.182 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 7.182 ms
Loss rate: 1.64%
```

Run 5: Report of WebRTC media — Data Link

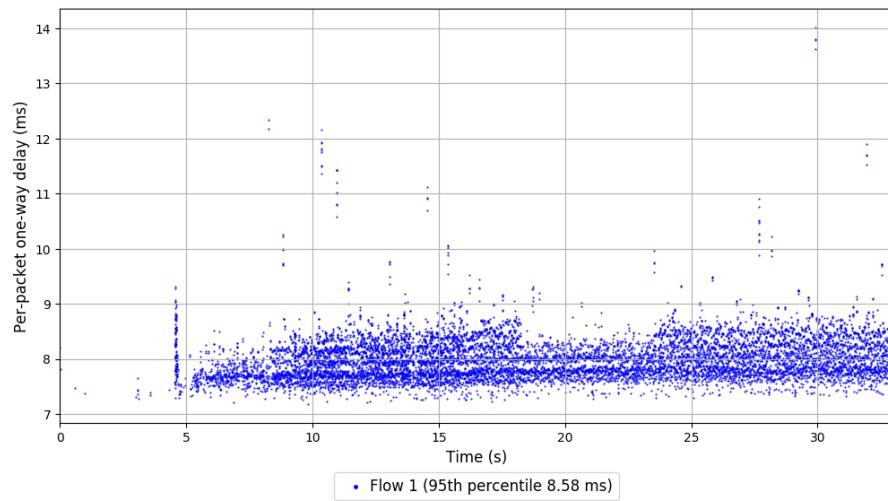
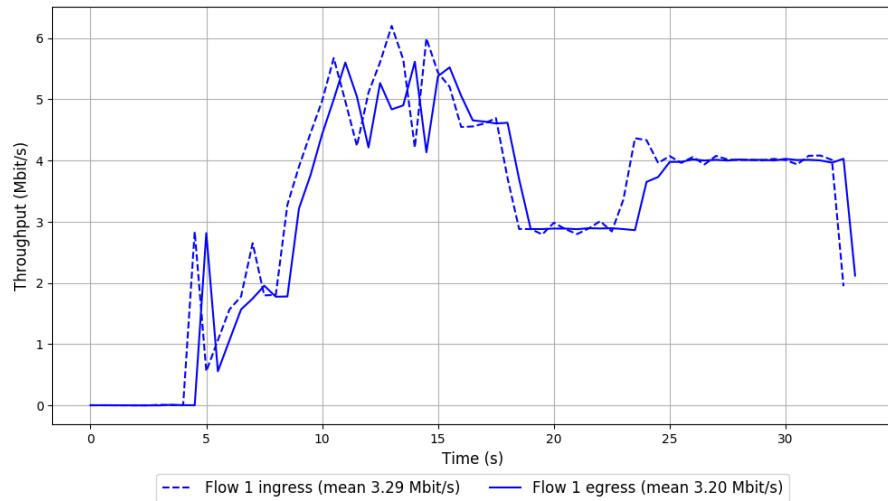


```
Run 6: Statistics of WebRTC media

Start at: 2018-08-21 20:36:42
End at: 2018-08-21 20:37:12
Local clock offset: -2.321 ms
Remote clock offset: -63.463 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 8.581 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 8.581 ms
Loss rate: 2.52%
```

Run 6: Report of WebRTC media — Data Link

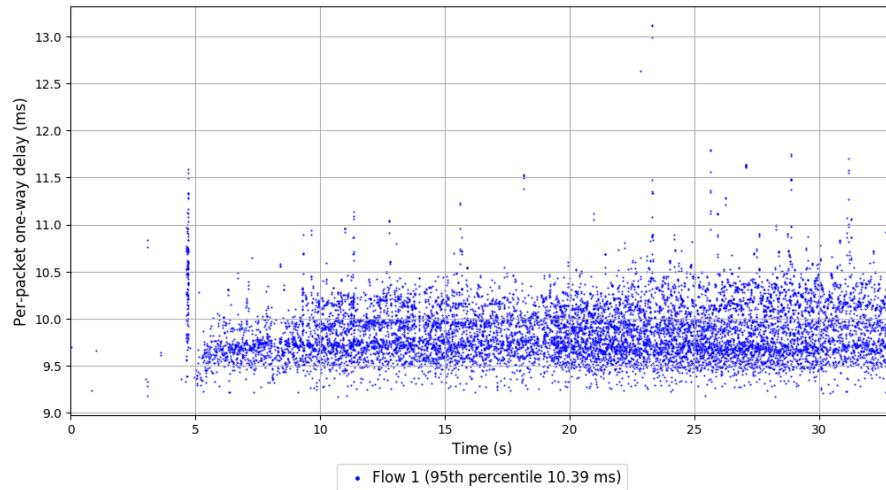
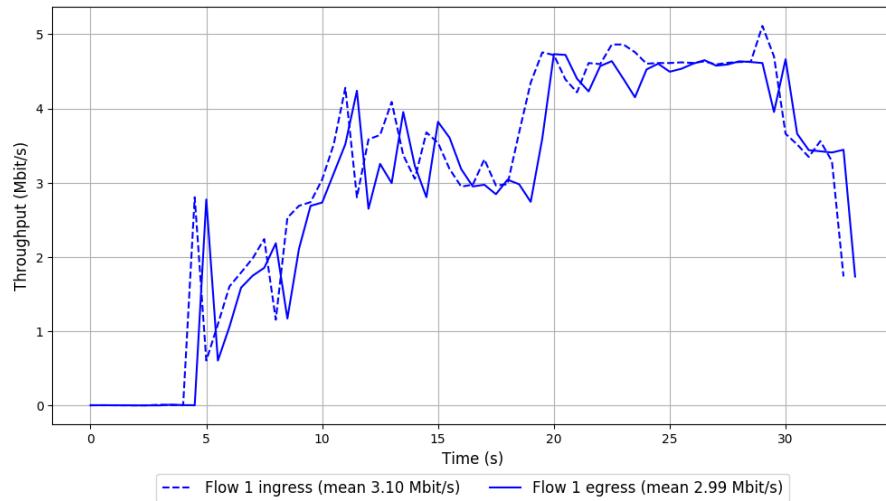


```
Run 7: Statistics of WebRTC media

Start at: 2018-08-21 20:56:01
End at: 2018-08-21 20:56:31
Local clock offset: -1.459 ms
Remote clock offset: -61.453 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.99 Mbit/s
95th percentile per-packet one-way delay: 10.392 ms
Loss rate: 3.46%
-- Flow 1:
Average throughput: 2.99 Mbit/s
95th percentile per-packet one-way delay: 10.392 ms
Loss rate: 3.46%
```

Run 7: Report of WebRTC media — Data Link

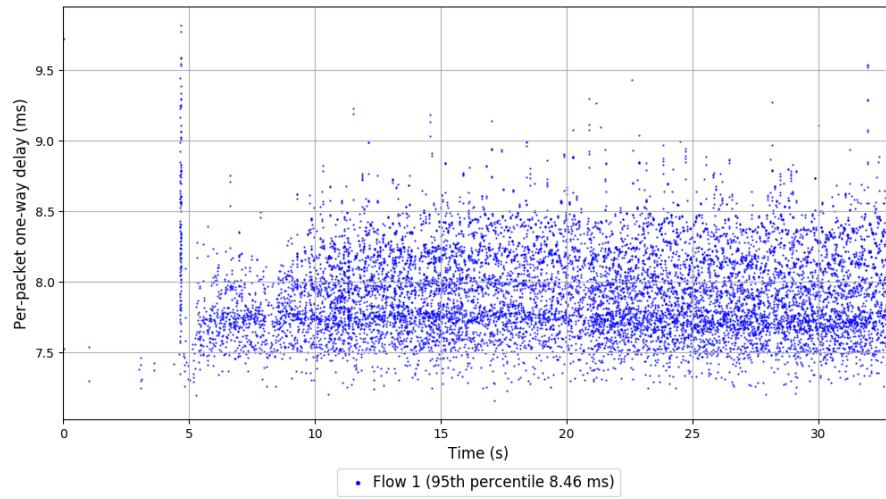
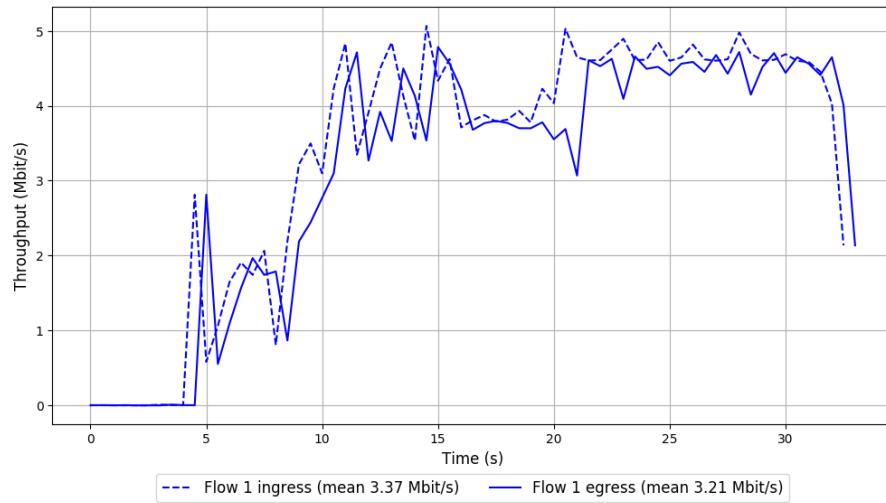


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-21 21:15:22
End at: 2018-08-21 21:15:52
Local clock offset: -0.395 ms
Remote clock offset: -61.892 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 8.464 ms
Loss rate: 4.75%
-- Flow 1:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 8.464 ms
Loss rate: 4.75%
```

Run 8: Report of WebRTC media — Data Link

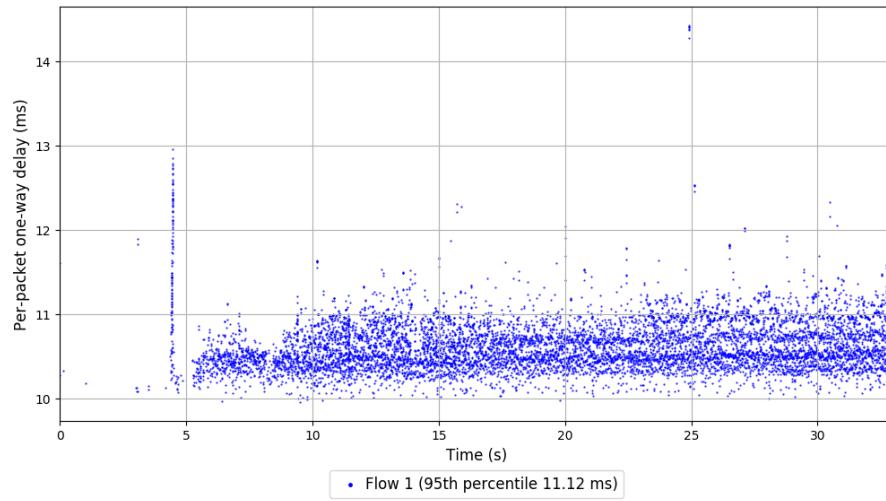
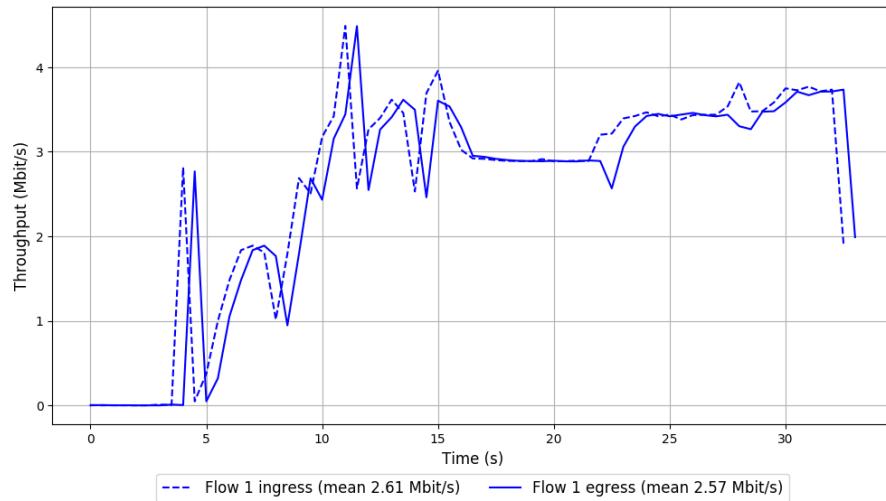


Run 9: Statistics of WebRTC media

```
Start at: 2018-08-21 21:34:54
End at: 2018-08-21 21:35:24
Local clock offset: -1.165 ms
Remote clock offset: -63.928 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 11.117 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 11.117 ms
Loss rate: 1.55%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-08-21 21:54:20
End at: 2018-08-21 21:54:50
Local clock offset: -1.567 ms
Remote clock offset: -63.315 ms

# Below is generated by plot.py at 2018-08-21 22:27:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 9.166 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 9.166 ms
Loss rate: 0.08%
```

Run 10: Report of WebRTC media — Data Link

