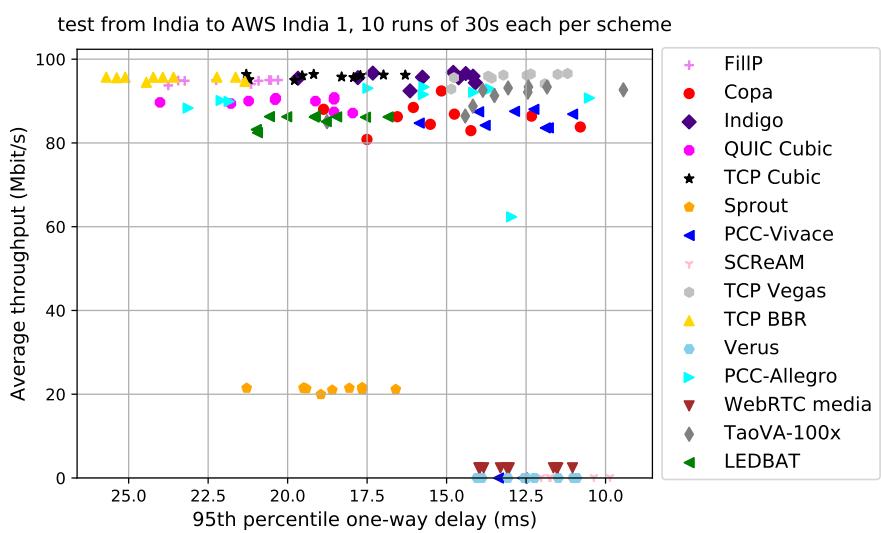
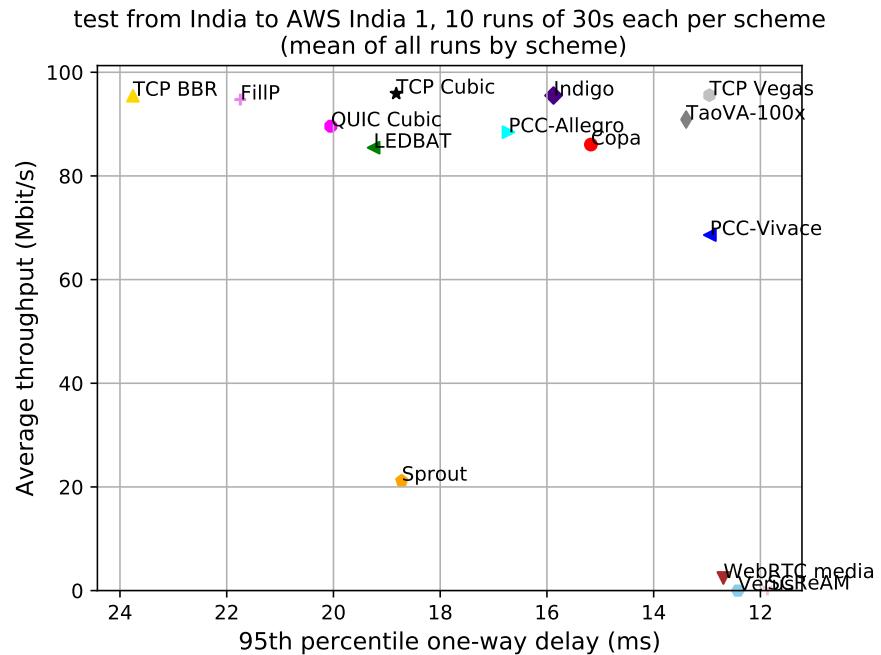


Pantheon Report

Generated at 2018-05-25 04:52:13 (UTC).
Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).
Repeated the test of 16 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `nets.org.sg` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
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
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



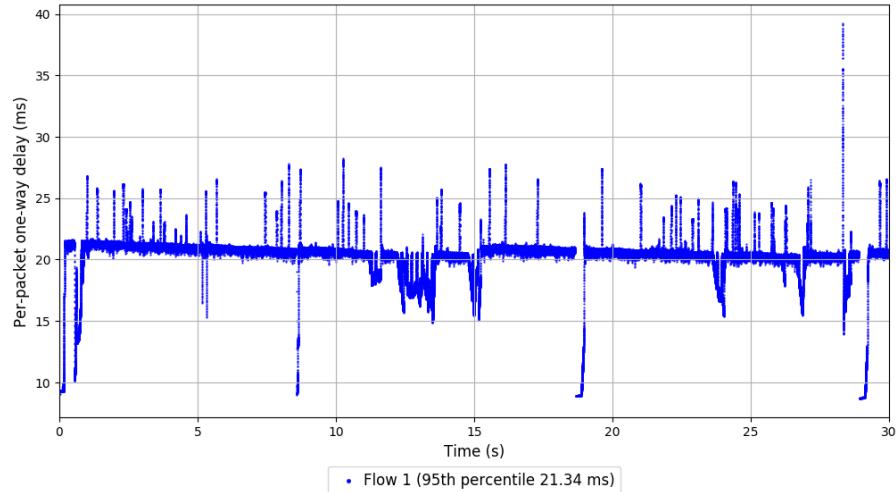
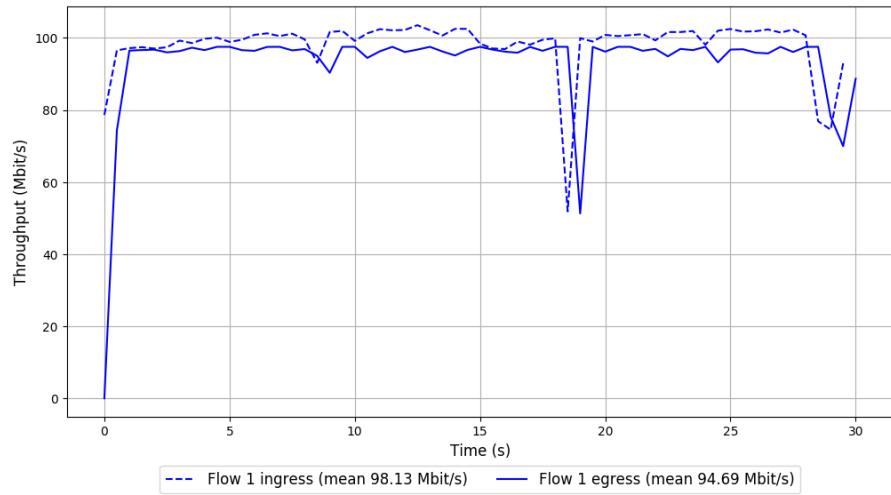
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.46	23.76	3.10
Copa	10	86.05	15.18	0.08
TCP Cubic	10	95.89	18.82	0.09
FillP	10	94.74	21.74	0.11
Indigo	10	95.51	15.88	0.09
LEDBAT	10	85.45	19.25	0.10
PCC-Allegro	10	88.44	16.72	0.12
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	10	89.59	20.05	0.12
SCReAM	10	0.20	11.87	0.11
Sprout	10	21.21	18.72	0.07
TaoVA-100x	10	90.88	13.39	0.08
TCP Vegas	10	95.57	12.96	0.08
Verus	10	0.00	12.42	0.00
PCC-Vivace	10	68.60	12.95	0.07
WebRTC media	10	2.43	12.69	0.08

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-25 01:41:35
End at: 2018-05-25 01:42:05
Local clock offset: 1.954 ms
Remote clock offset: 8.066 ms

# Below is generated by plot.py at 2018-05-25 04:31:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 21.342 ms
Loss rate: 3.59%
-- Flow 1:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 21.342 ms
Loss rate: 3.59%
```

Run 1: Report of TCP BBR — Data Link

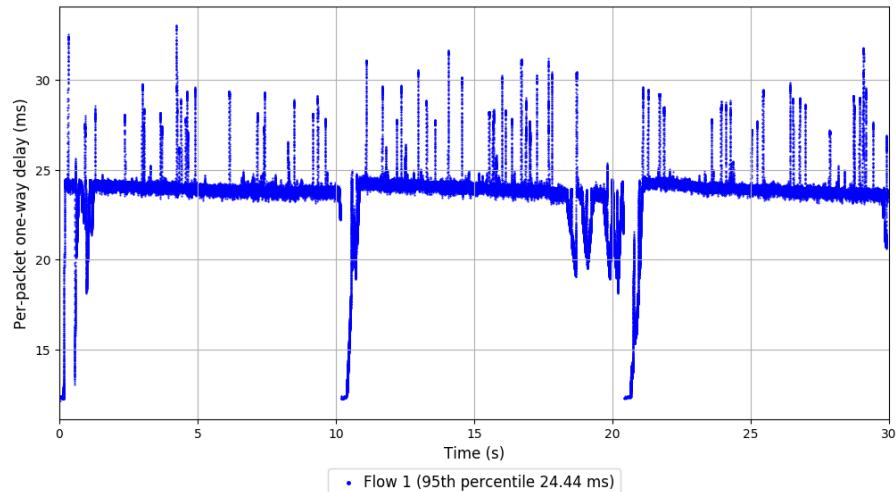
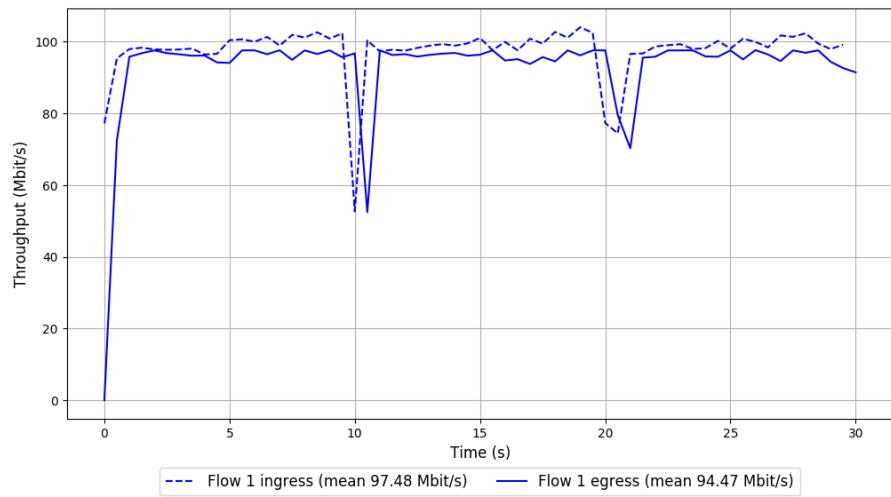


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-25 01:59:55
End at: 2018-05-25 02:00:25
Local clock offset: 3.454 ms
Remote clock offset: -2.136 ms

# Below is generated by plot.py at 2018-05-25 04:31:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 24.444 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 24.444 ms
Loss rate: 3.16%
```

Run 2: Report of TCP BBR — Data Link

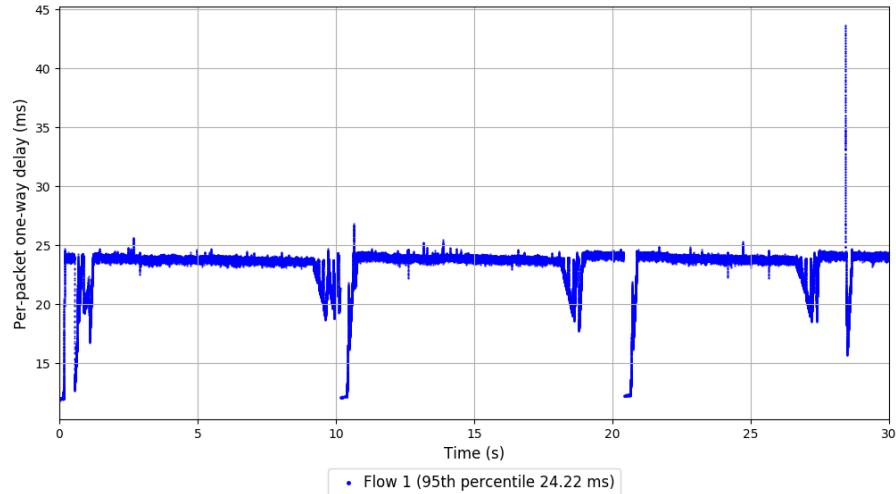
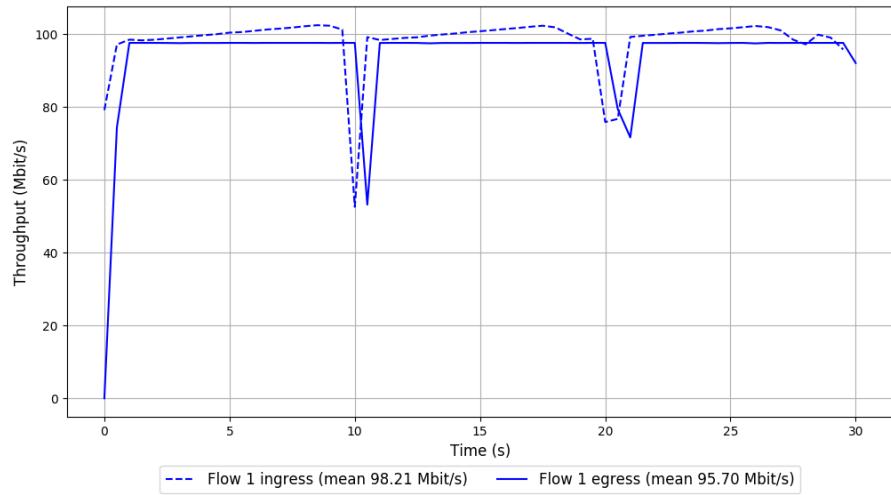


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-25 02:18:14
End at: 2018-05-25 02:18:44
Local clock offset: 1.91 ms
Remote clock offset: -0.93 ms

# Below is generated by plot.py at 2018-05-25 04:31:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 24.224 ms
Loss rate: 2.63%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 24.224 ms
Loss rate: 2.63%
```

Run 3: Report of TCP BBR — Data Link

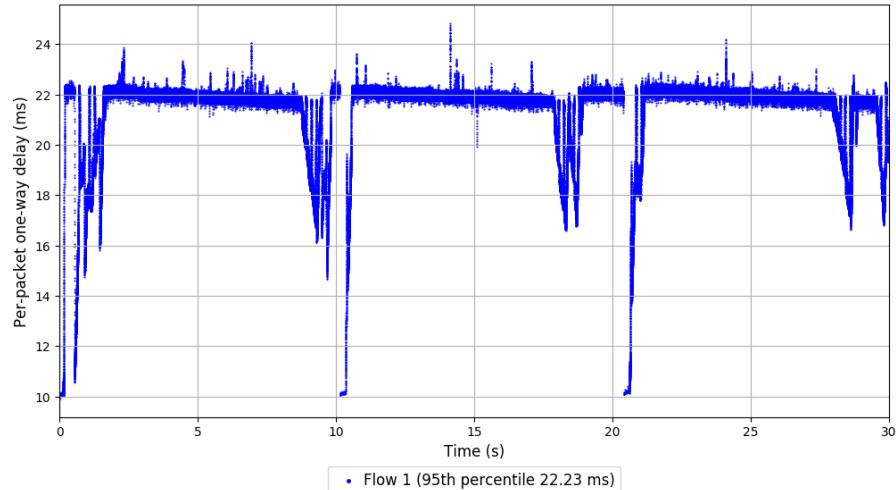
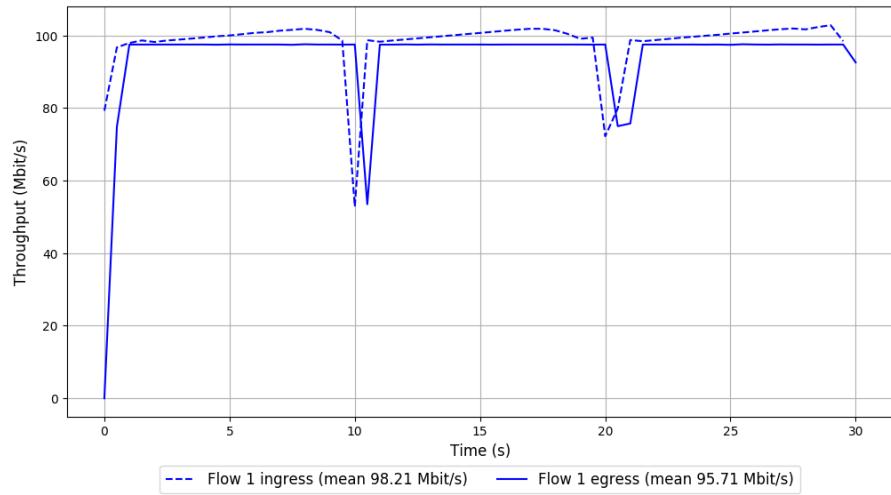


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-25 02:36:36
End at: 2018-05-25 02:37:06
Local clock offset: 0.82 ms
Remote clock offset: 7.118 ms

# Below is generated by plot.py at 2018-05-25 04:32:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 22.225 ms
Loss rate: 2.62%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 22.225 ms
Loss rate: 2.62%
```

Run 4: Report of TCP BBR — Data Link

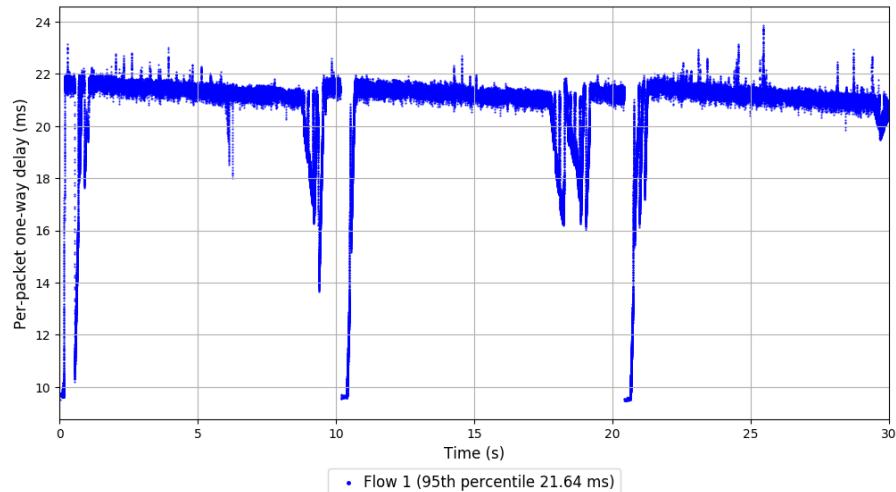
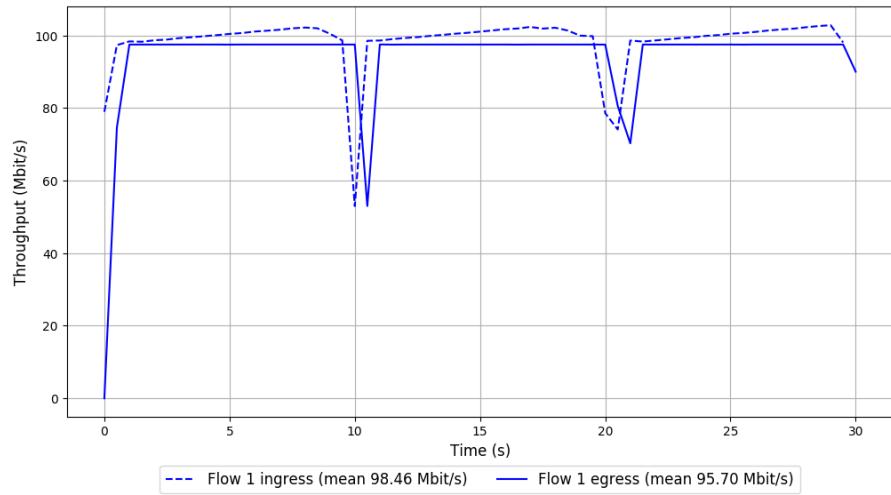


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-25 02:55:03
End at: 2018-05-25 02:55:33
Local clock offset: -0.055 ms
Remote clock offset: 5.676 ms

# Below is generated by plot.py at 2018-05-25 04:32:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 21.635 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 21.635 ms
Loss rate: 2.88%
```

Run 5: Report of TCP BBR — Data Link

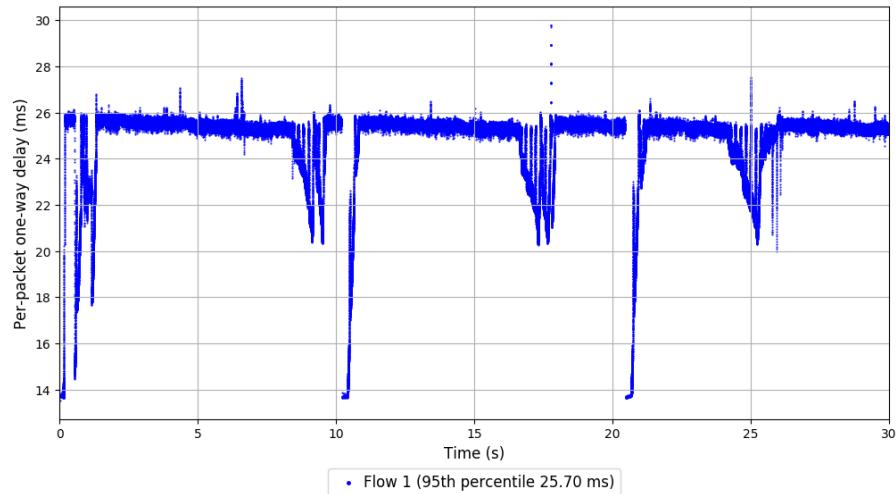
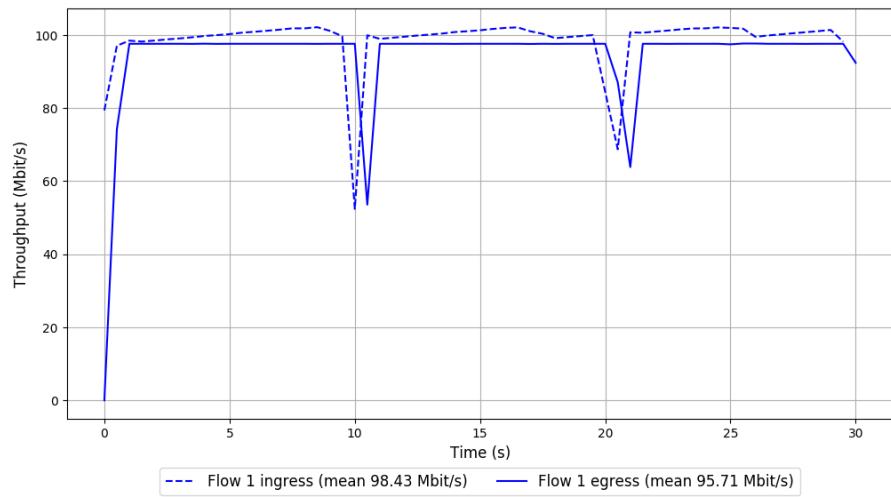


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-25 03:13:33
End at: 2018-05-25 03:14:03
Local clock offset: 3.906 ms
Remote clock offset: 2.319 ms

# Below is generated by plot.py at 2018-05-25 04:32:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 25.704 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 25.704 ms
Loss rate: 2.85%
```

Run 6: Report of TCP BBR — Data Link

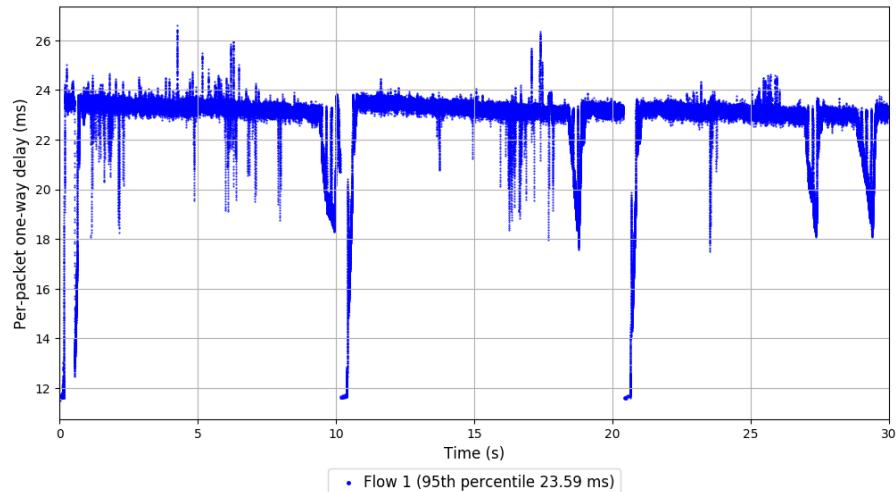
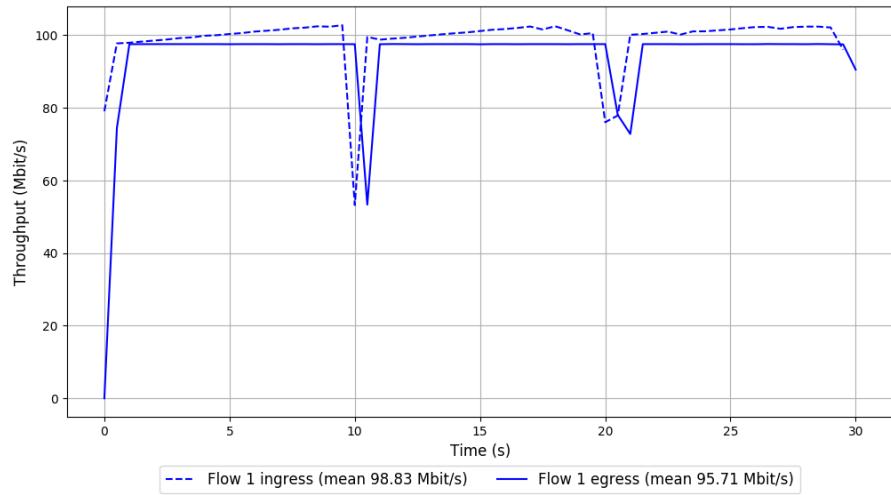


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-25 03:32:15
End at: 2018-05-25 03:32:45
Local clock offset: 1.089 ms
Remote clock offset: 0.69 ms

# Below is generated by plot.py at 2018-05-25 04:32:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 23.588 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 23.588 ms
Loss rate: 3.24%
```

Run 7: Report of TCP BBR — Data Link

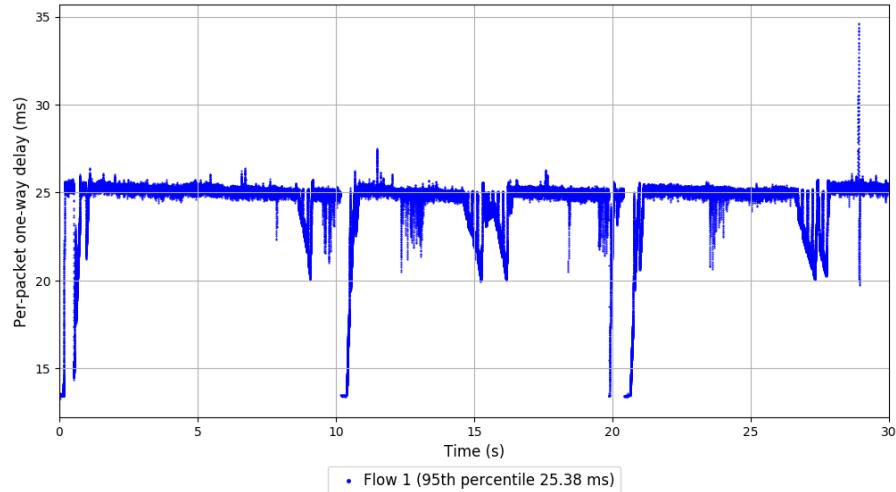
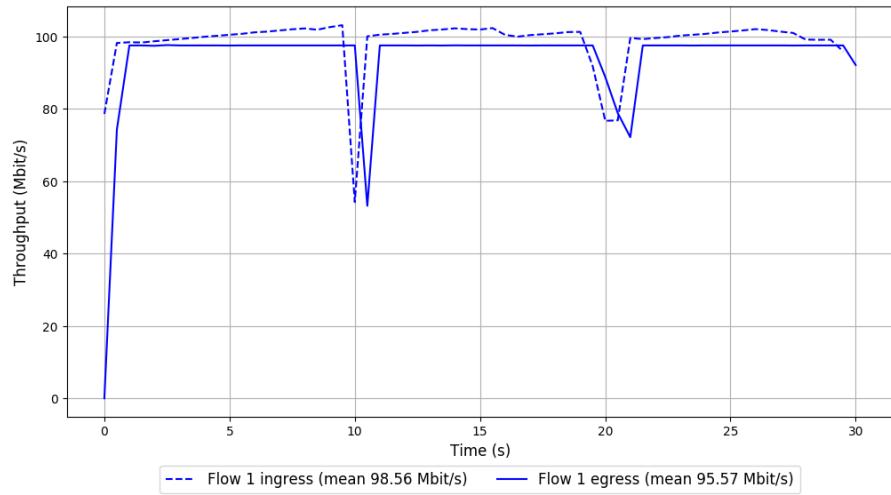


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-25 03:50:39
End at: 2018-05-25 03:51:09
Local clock offset: 2.315 ms
Remote clock offset: 0.095 ms

# Below is generated by plot.py at 2018-05-25 04:32:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 25.375 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 25.375 ms
Loss rate: 3.13%
```

Run 8: Report of TCP BBR — Data Link

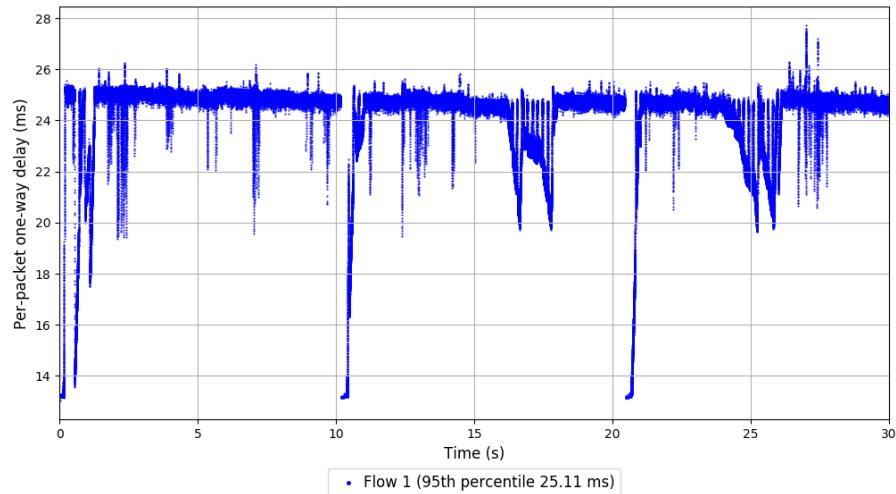
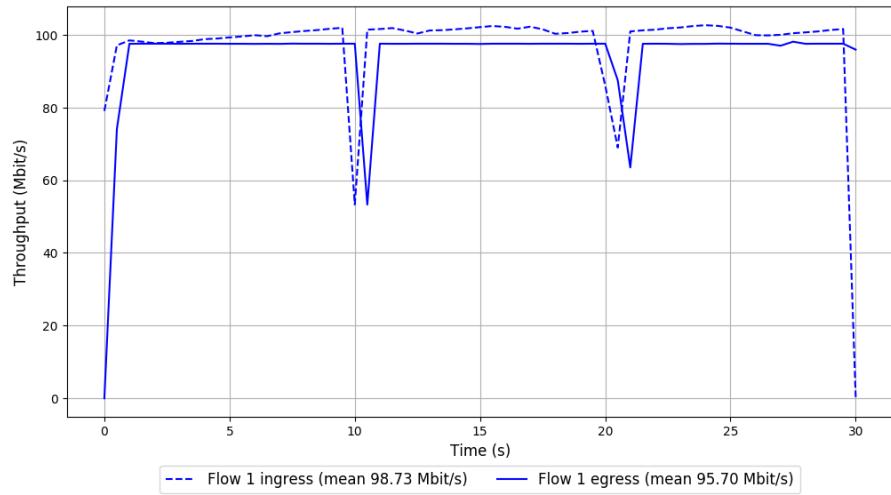


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-25 04:08:49
End at: 2018-05-25 04:09:19
Local clock offset: 3.788 ms
Remote clock offset: 0.831 ms

# Below is generated by plot.py at 2018-05-25 04:33:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 25.106 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 25.106 ms
Loss rate: 3.16%
```

Run 9: Report of TCP BBR — Data Link

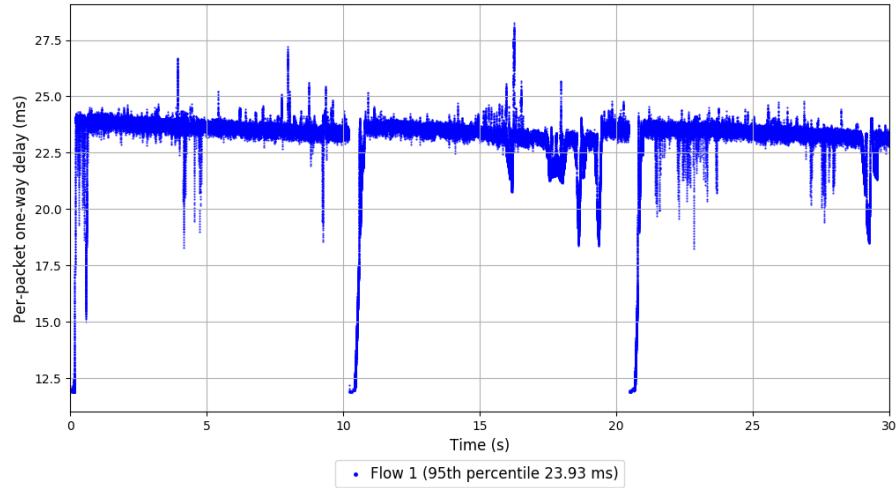
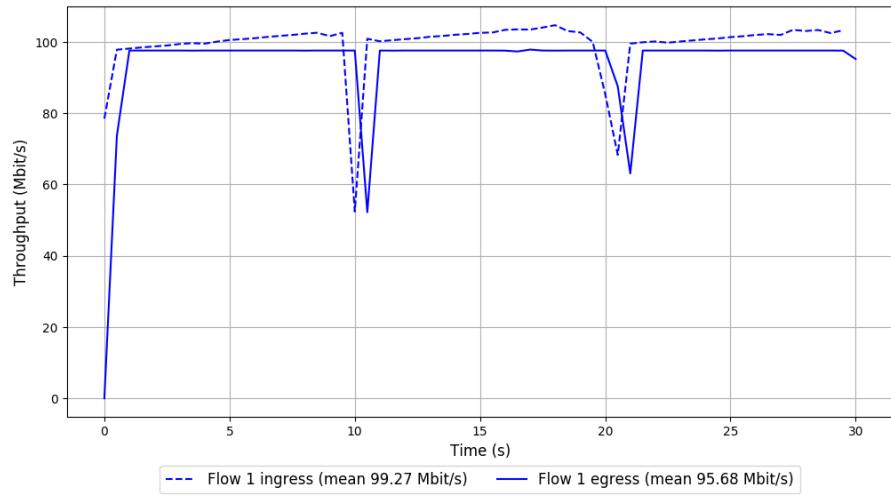


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-25 04:27:11
End at: 2018-05-25 04:27:41
Local clock offset: 3.262 ms
Remote clock offset: 1.24 ms

# Below is generated by plot.py at 2018-05-25 04:33:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 23.926 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 23.926 ms
Loss rate: 3.69%
```

Run 10: Report of TCP BBR — Data Link

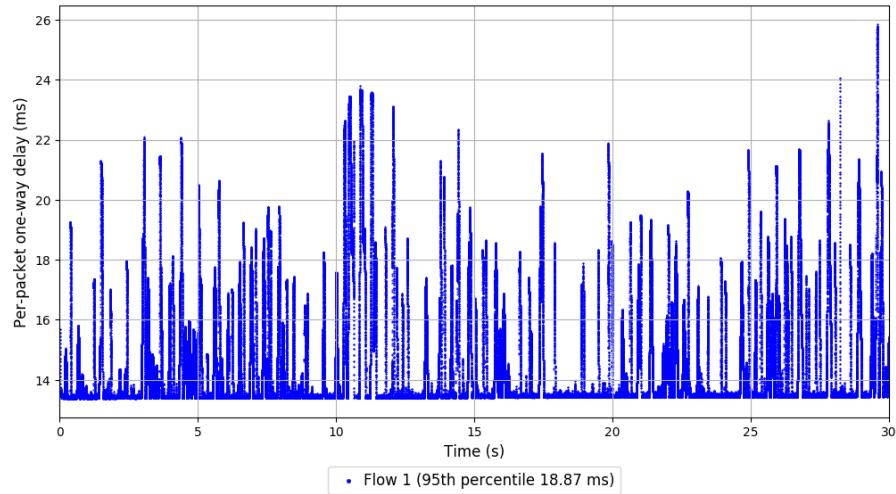
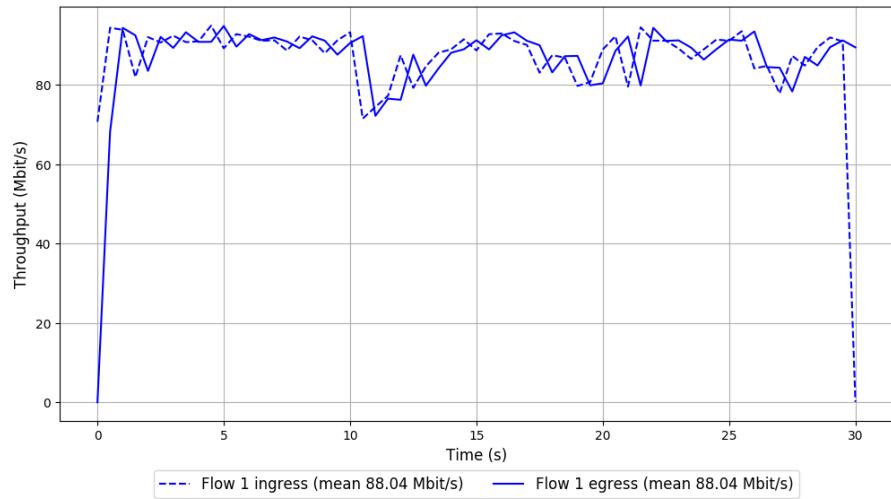


Run 1: Statistics of Copa

```
Start at: 2018-05-25 01:30:09
End at: 2018-05-25 01:30:39
Local clock offset: 1.89 ms
Remote clock offset: 3.885 ms

# Below is generated by plot.py at 2018-05-25 04:34:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.09%
```

Run 1: Report of Copa — Data Link

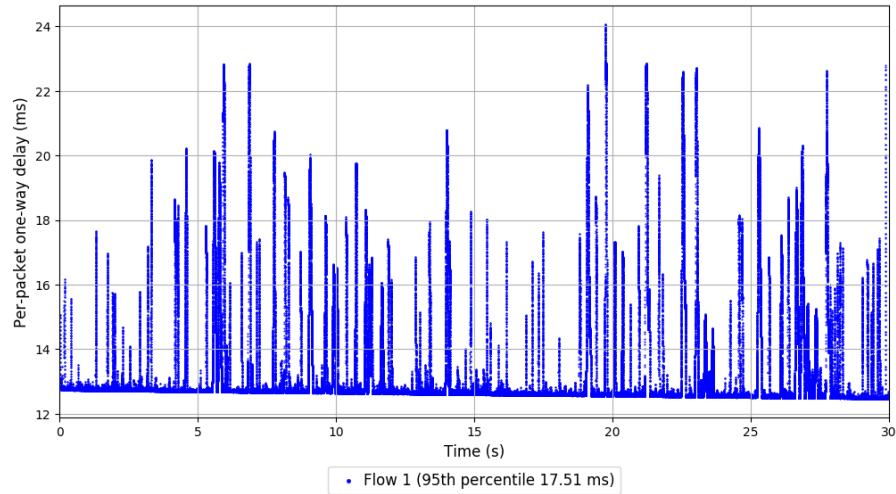
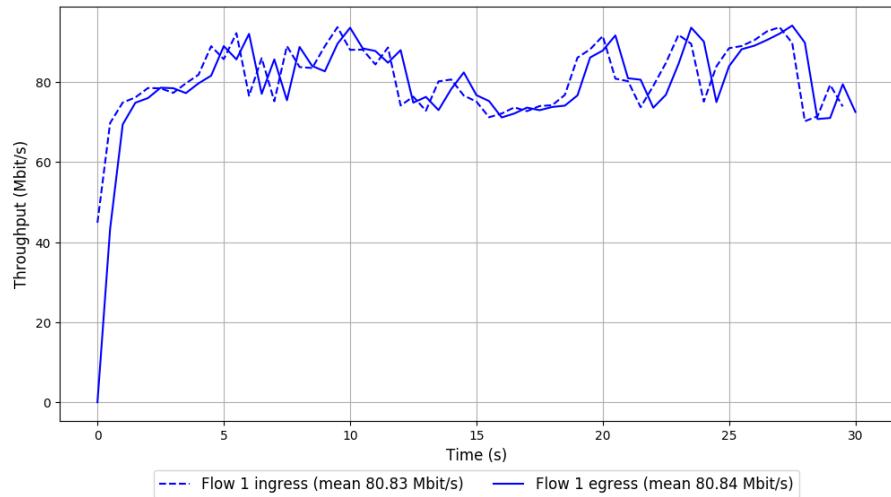


Run 2: Statistics of Copa

```
Start at: 2018-05-25 01:48:34
End at: 2018-05-25 01:49:04
Local clock offset: 3.075 ms
Remote clock offset: -0.207 ms

# Below is generated by plot.py at 2018-05-25 04:34:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 17.506 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 17.506 ms
Loss rate: 0.07%
```

Run 2: Report of Copa — Data Link

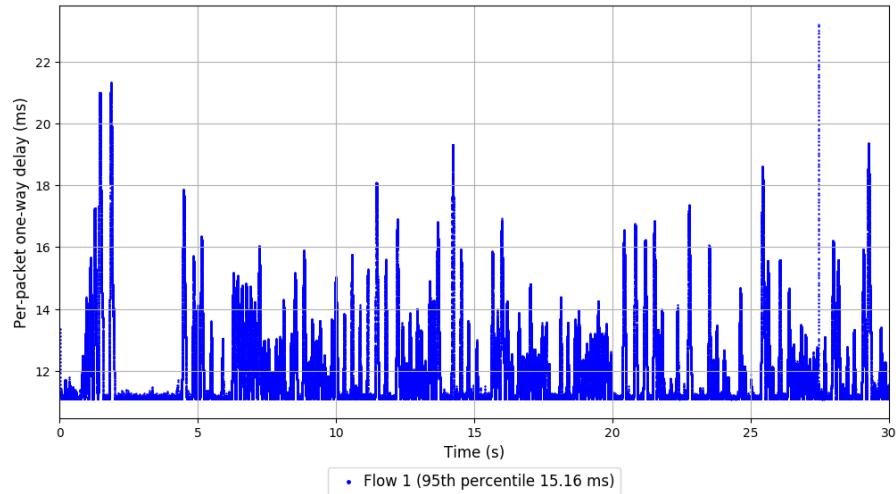
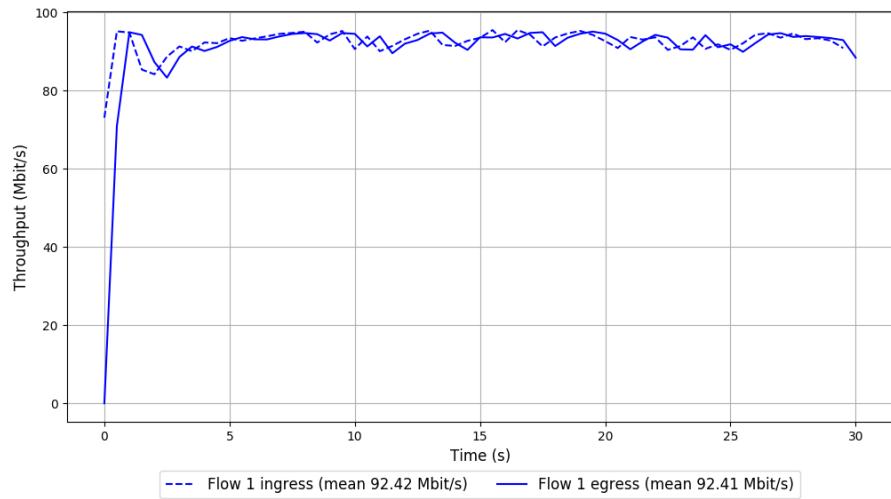


Run 3: Statistics of Copa

```
Start at: 2018-05-25 02:06:53
End at: 2018-05-25 02:07:23
Local clock offset: 1.527 ms
Remote clock offset: -3.06 ms

# Below is generated by plot.py at 2018-05-25 04:34:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 15.163 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 15.163 ms
Loss rate: 0.08%
```

Run 3: Report of Copa — Data Link

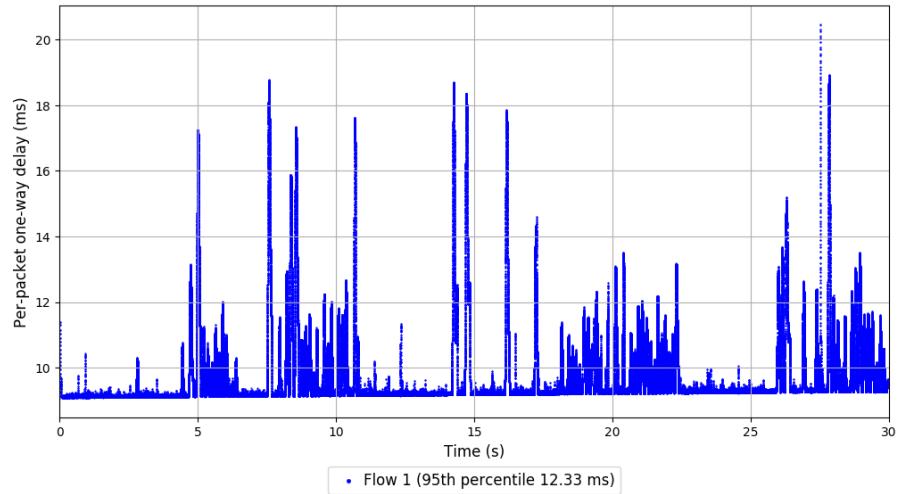
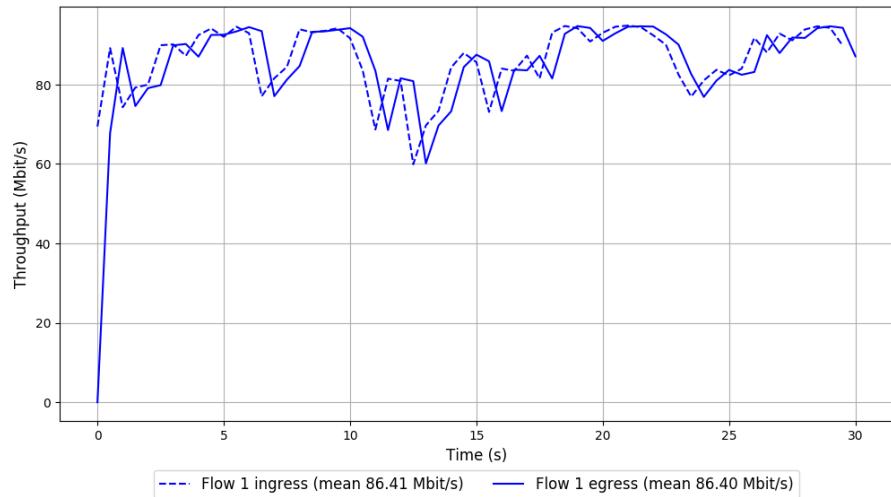


Run 4: Statistics of Copa

```
Start at: 2018-05-25 02:25:09
End at: 2018-05-25 02:25:39
Local clock offset: -0.707 ms
Remote clock offset: 3.436 ms

# Below is generated by plot.py at 2018-05-25 04:34:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 12.330 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 12.330 ms
Loss rate: 0.09%
```

Run 4: Report of Copa — Data Link

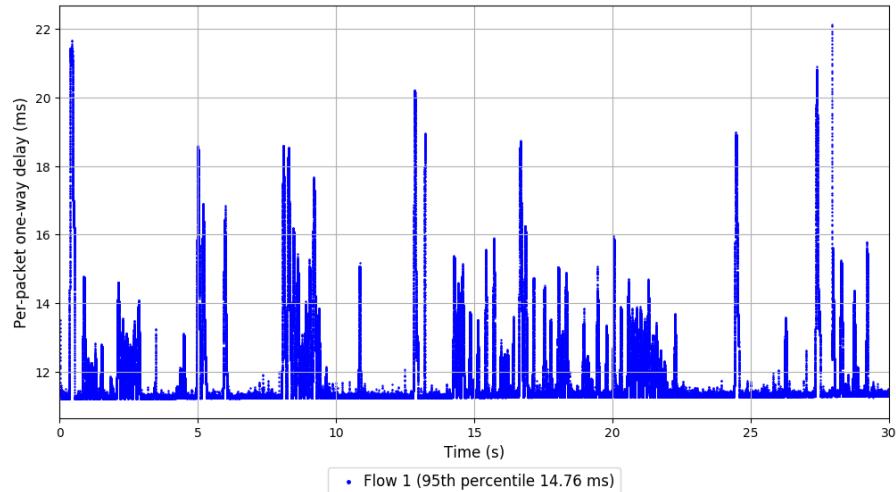
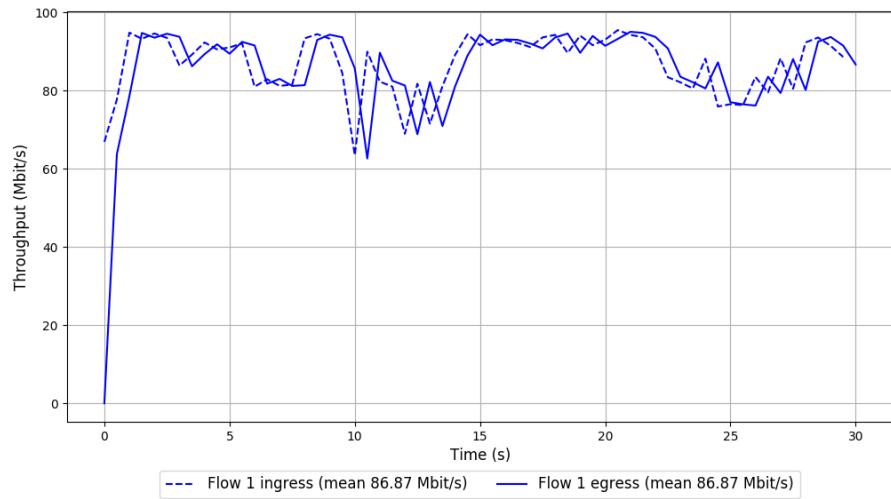


Run 5: Statistics of Copa

```
Start at: 2018-05-25 02:43:40
End at: 2018-05-25 02:44:10
Local clock offset: 1.639 ms
Remote clock offset: 7.962 ms

# Below is generated by plot.py at 2018-05-25 04:34:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.87 Mbit/s
95th percentile per-packet one-way delay: 14.755 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 86.87 Mbit/s
95th percentile per-packet one-way delay: 14.755 ms
Loss rate: 0.08%
```

Run 5: Report of Copa — Data Link

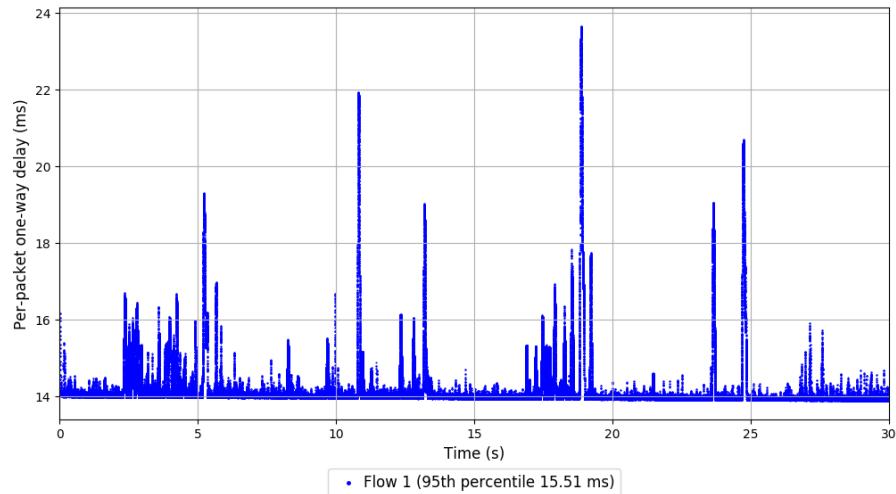
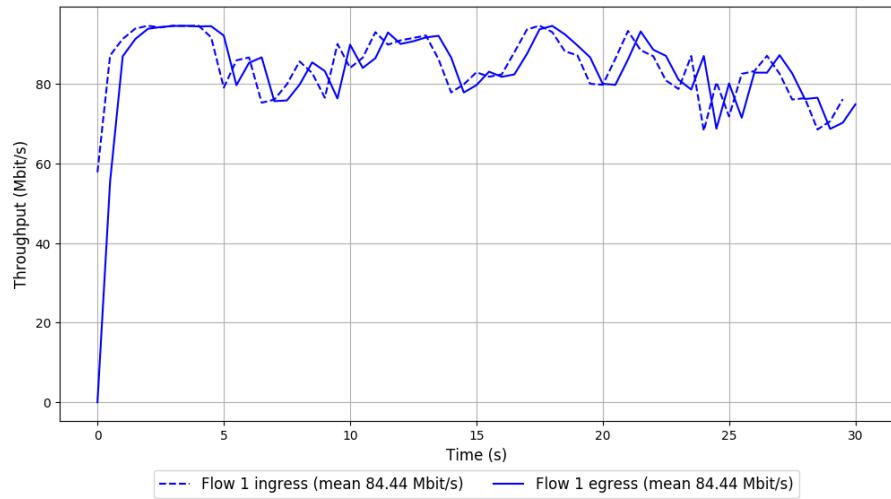


Run 6: Statistics of Copa

```
Start at: 2018-05-25 03:02:09
End at: 2018-05-25 03:02:39
Local clock offset: 3.513 ms
Remote clock offset: 2.759 ms

# Below is generated by plot.py at 2018-05-25 04:34:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.44 Mbit/s
95th percentile per-packet one-way delay: 15.512 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 84.44 Mbit/s
95th percentile per-packet one-way delay: 15.512 ms
Loss rate: 0.07%
```

Run 6: Report of Copa — Data Link

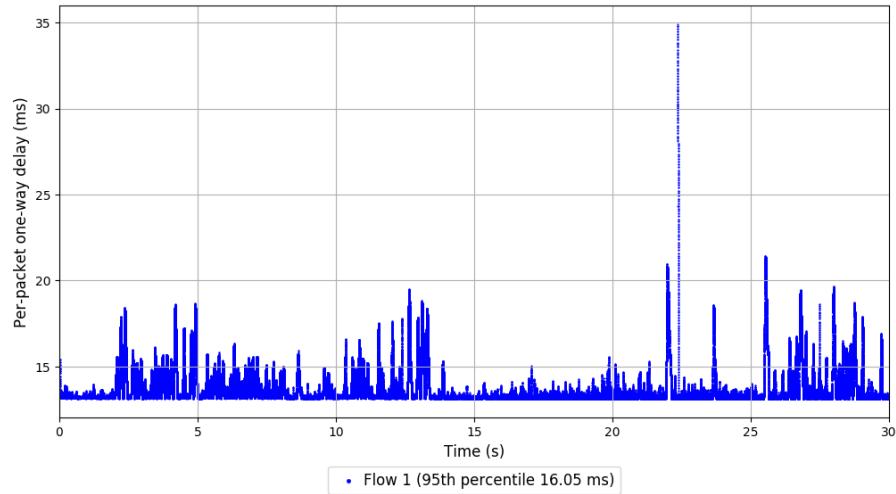
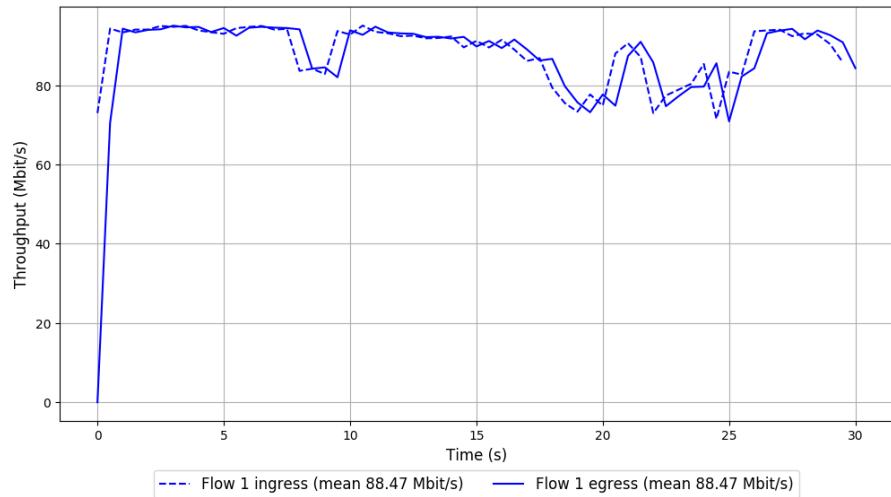


Run 7: Statistics of Copa

```
Start at: 2018-05-25 03:20:35
End at: 2018-05-25 03:21:05
Local clock offset: 5.066 ms
Remote clock offset: 3.849 ms

# Below is generated by plot.py at 2018-05-25 04:35:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 16.046 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 16.046 ms
Loss rate: 0.07%
```

Run 7: Report of Copa — Data Link

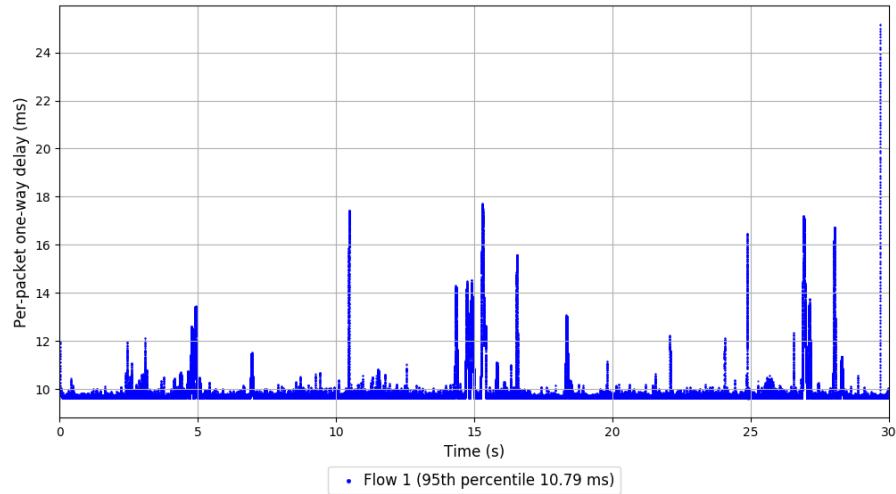
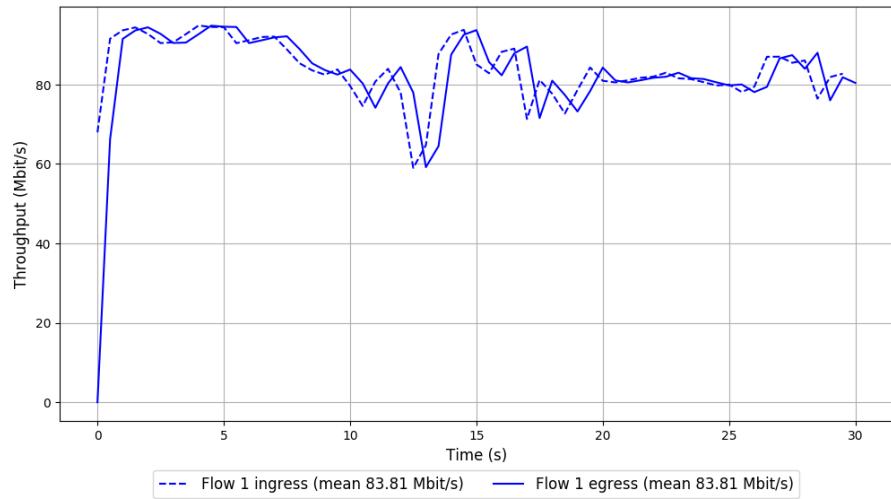


Run 8: Statistics of Copa

```
Start at: 2018-05-25 03:39:17
End at: 2018-05-25 03:39:47
Local clock offset: 0.485 ms
Remote clock offset: 2.046 ms

# Below is generated by plot.py at 2018-05-25 04:35:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.81 Mbit/s
95th percentile per-packet one-way delay: 10.794 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.81 Mbit/s
95th percentile per-packet one-way delay: 10.794 ms
Loss rate: 0.08%
```

Run 8: Report of Copa — Data Link

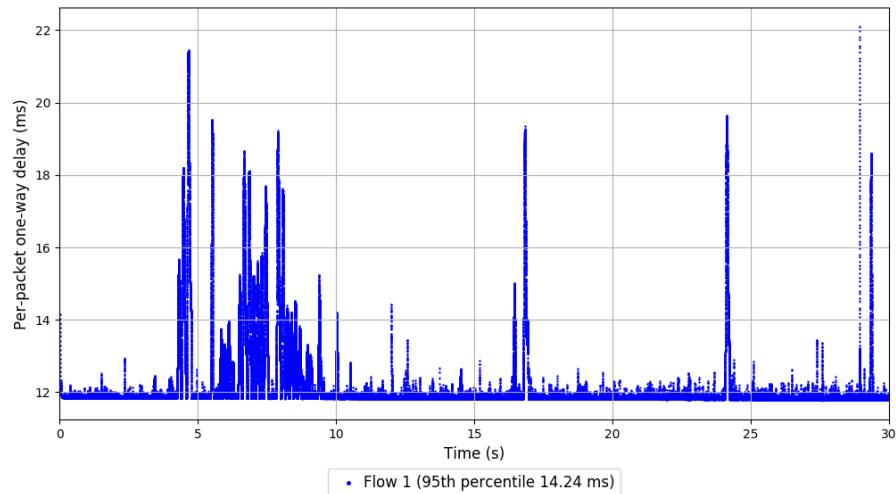
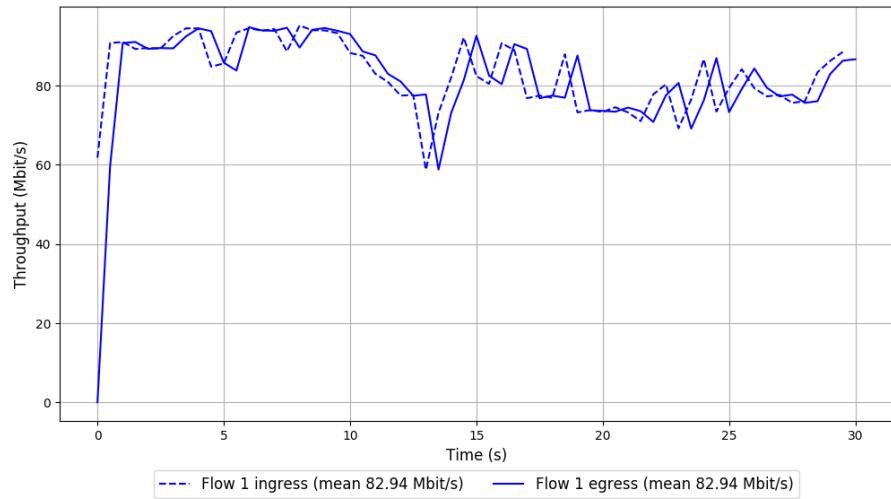


Run 9: Statistics of Copa

```
Start at: 2018-05-25 03:57:34
End at: 2018-05-25 03:58:04
Local clock offset: 2.114 ms
Remote clock offset: 1.169 ms

# Below is generated by plot.py at 2018-05-25 04:36:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.94 Mbit/s
95th percentile per-packet one-way delay: 14.236 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 82.94 Mbit/s
95th percentile per-packet one-way delay: 14.236 ms
Loss rate: 0.08%
```

Run 9: Report of Copa — Data Link

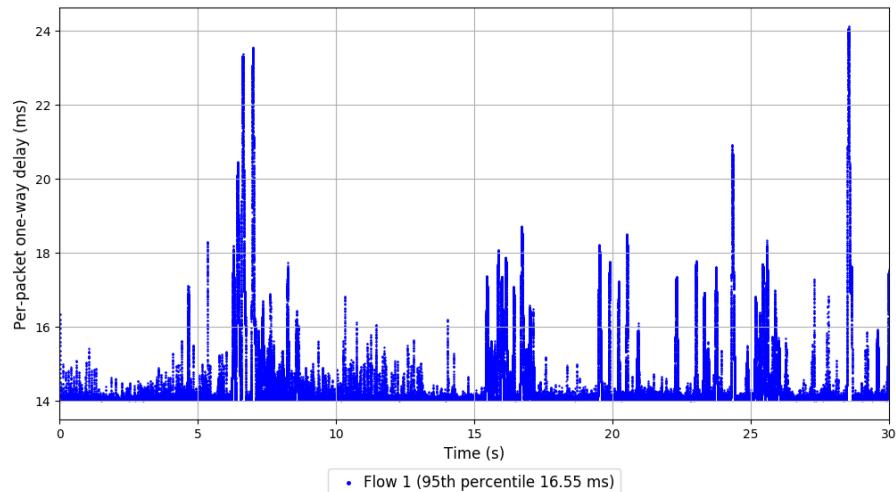
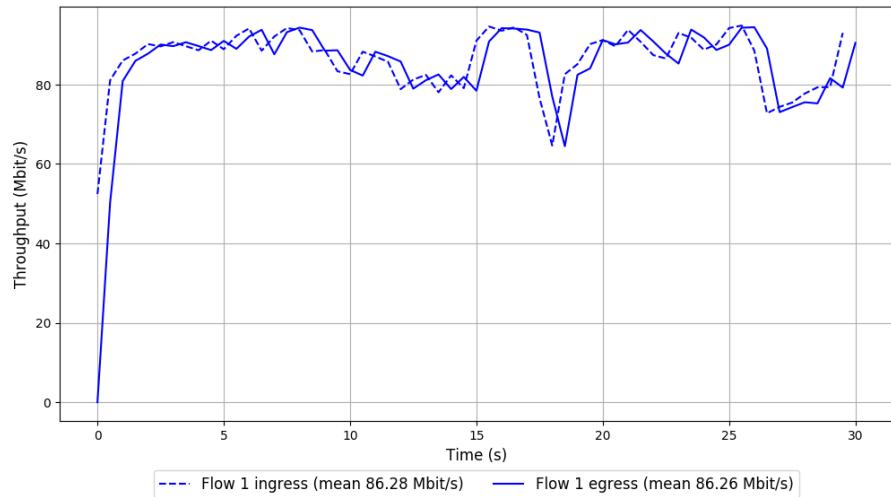


Run 10: Statistics of Copa

```
Start at: 2018-05-25 04:15:43
End at: 2018-05-25 04:16:13
Local clock offset: 3.78 ms
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2018-05-25 04:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 16.549 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 16.549 ms
Loss rate: 0.09%
```

Run 10: Report of Copa — Data Link

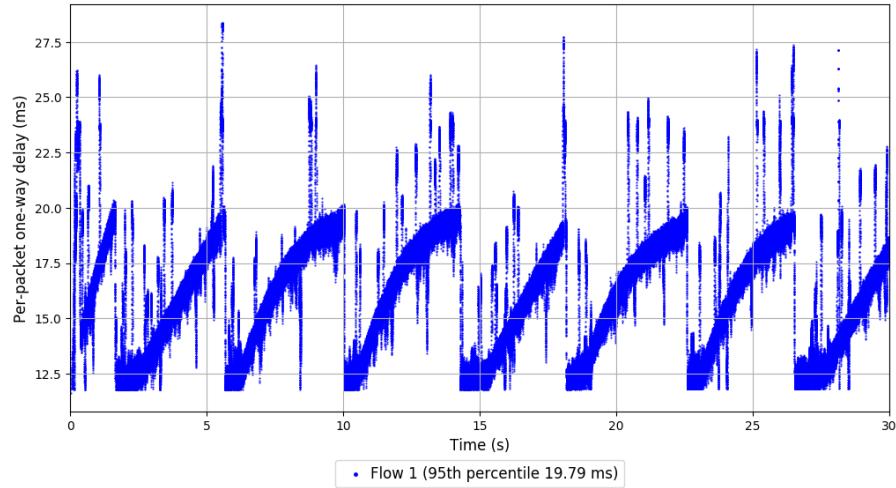
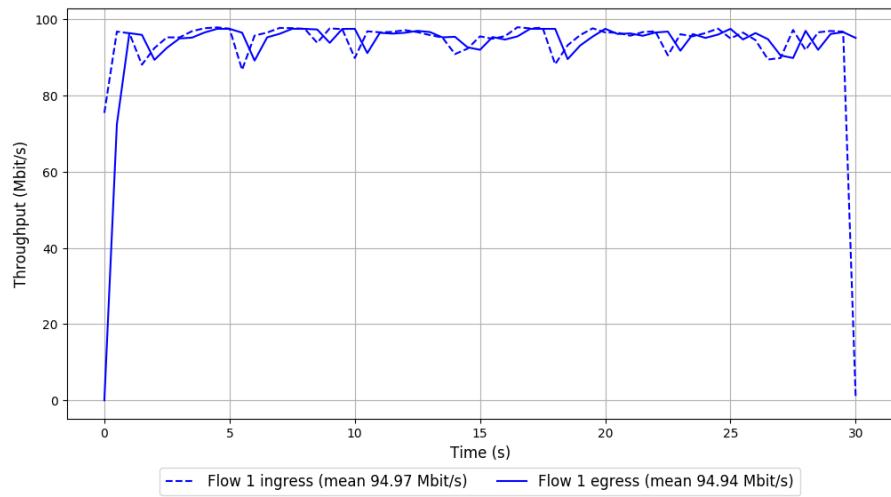


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-25 01:35:47
End at: 2018-05-25 01:36:17
Local clock offset: 3.282 ms
Remote clock offset: 7.445 ms

# Below is generated by plot.py at 2018-05-25 04:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.94 Mbit/s
95th percentile per-packet one-way delay: 19.785 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.94 Mbit/s
95th percentile per-packet one-way delay: 19.785 ms
Loss rate: 0.10%
```

Run 1: Report of TCP Cubic — Data Link

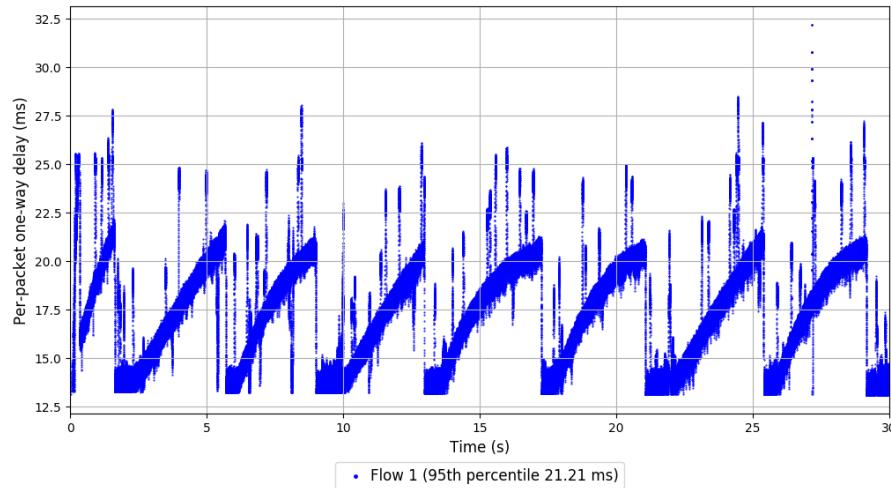
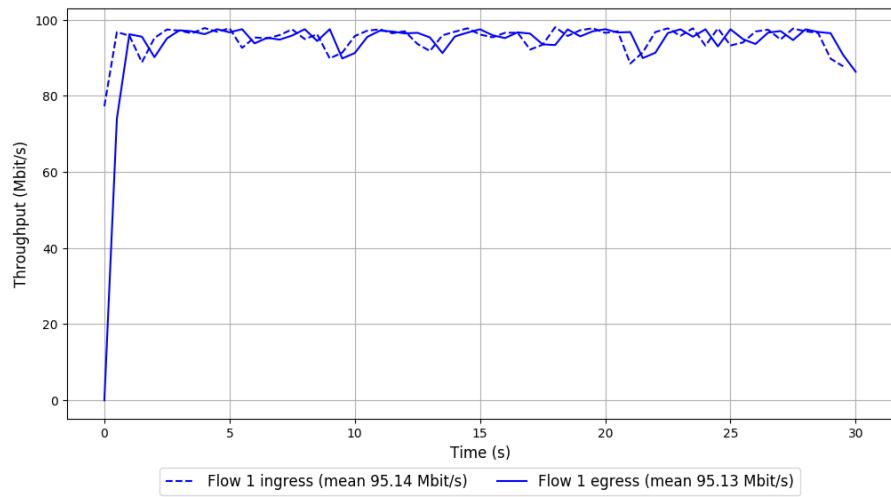


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-25 01:54:10
End at: 2018-05-25 01:54:40
Local clock offset: 3.549 ms
Remote clock offset: -2.663 ms

# Below is generated by plot.py at 2018-05-25 04:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 21.214 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 21.214 ms
Loss rate: 0.08%
```

Run 2: Report of TCP Cubic — Data Link

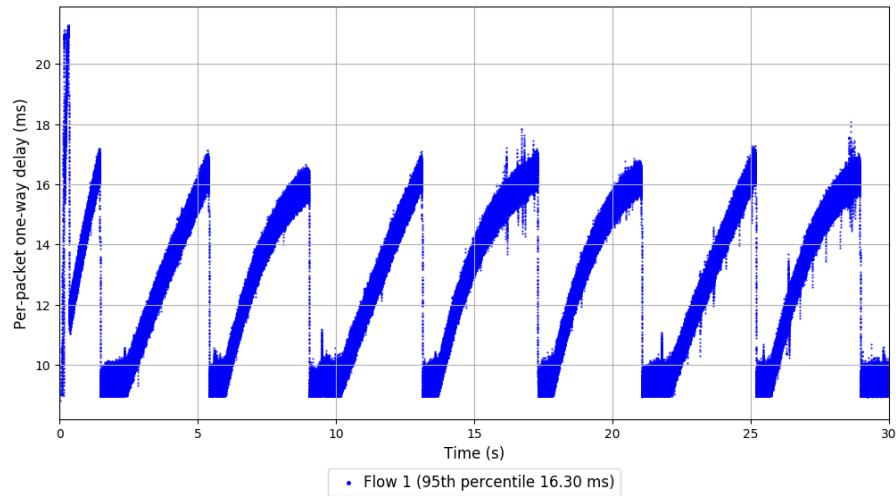
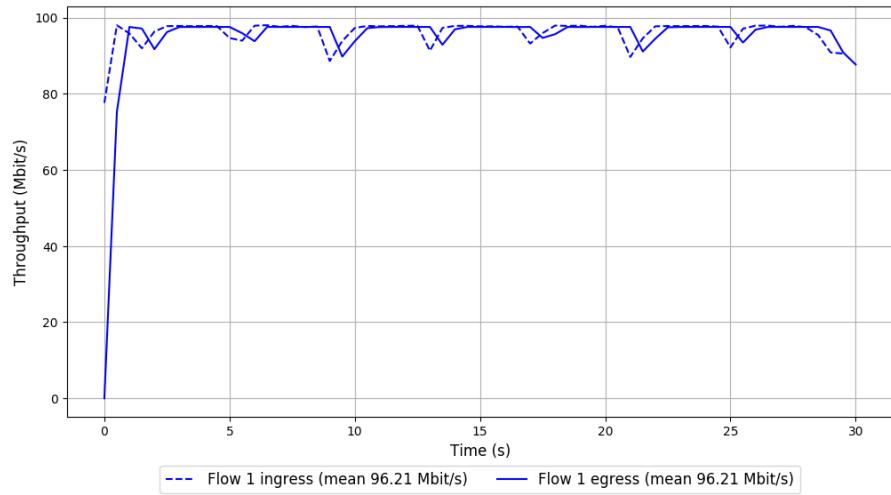


Run 3: Statistics of TCP Cubic

```
Start at: 2018-05-25 02:12:29
End at: 2018-05-25 02:12:59
Local clock offset: -1.362 ms
Remote clock offset: -3.851 ms

# Below is generated by plot.py at 2018-05-25 04:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 16.298 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 16.298 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Cubic — Data Link

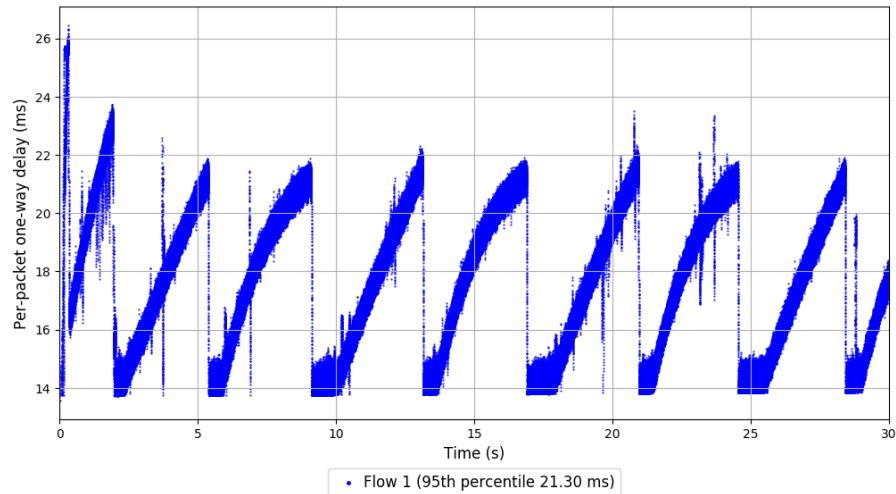
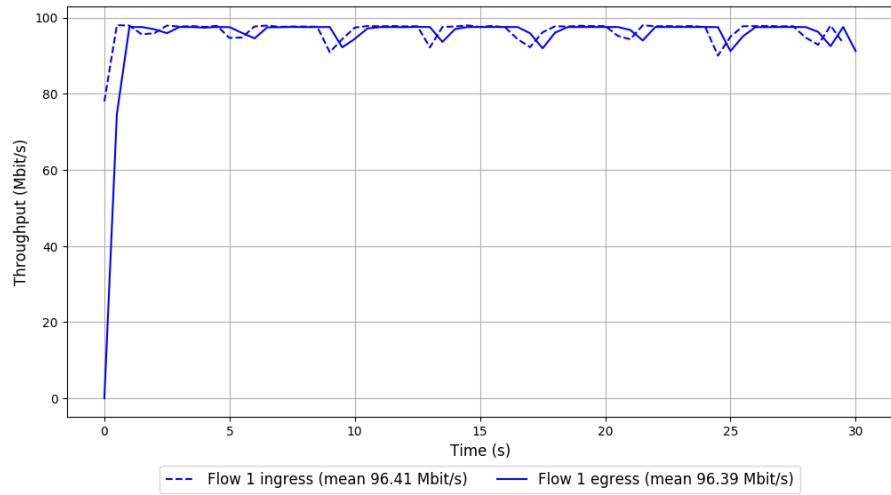


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-25 02:30:46
End at: 2018-05-25 02:31:16
Local clock offset: 2.71 ms
Remote clock offset: 4.052 ms

# Below is generated by plot.py at 2018-05-25 04:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 21.299 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 21.299 ms
Loss rate: 0.09%
```

Run 4: Report of TCP Cubic — Data Link

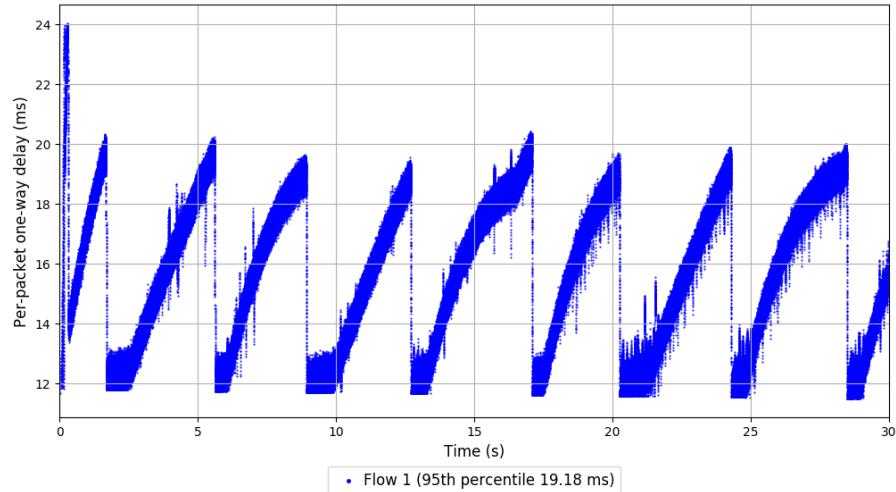
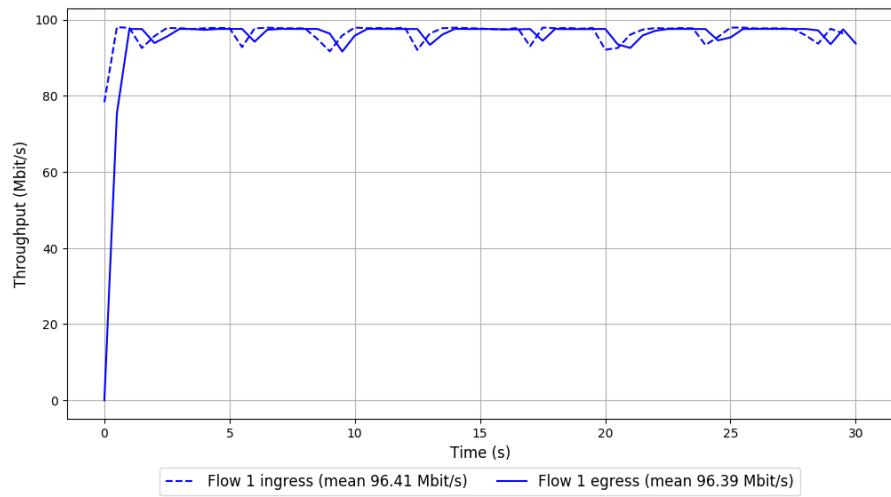


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-25 02:49:21
End at: 2018-05-25 02:49:51
Local clock offset: 2.43 ms
Remote clock offset: 8.77 ms

# Below is generated by plot.py at 2018-05-25 04:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 19.180 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 19.180 ms
Loss rate: 0.10%
```

Run 5: Report of TCP Cubic — Data Link

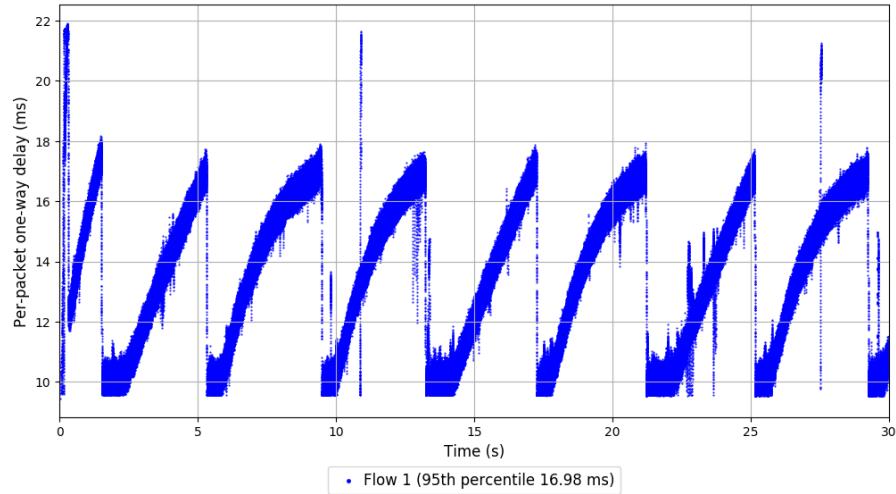
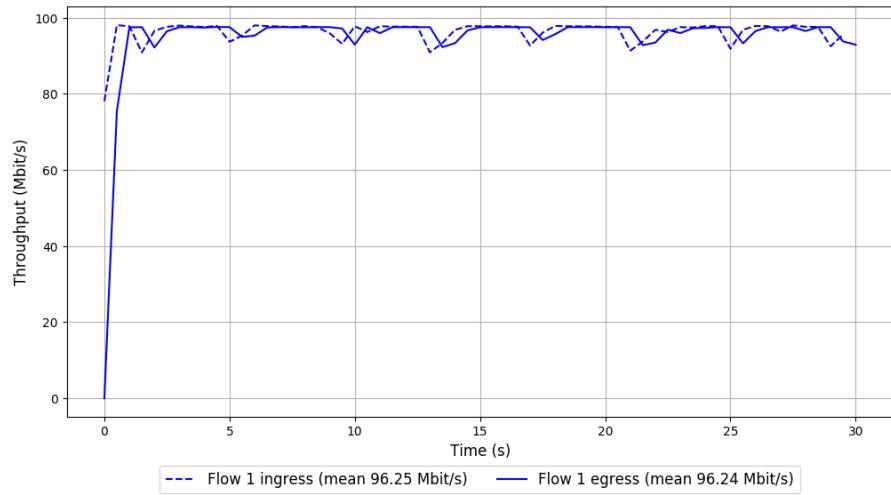


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-25 03:07:48
End at: 2018-05-25 03:08:18
Local clock offset: 1.476 ms
Remote clock offset: 4.332 ms

# Below is generated by plot.py at 2018-05-25 04:36:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 16.985 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 16.985 ms
Loss rate: 0.09%
```

Run 6: Report of TCP Cubic — Data Link

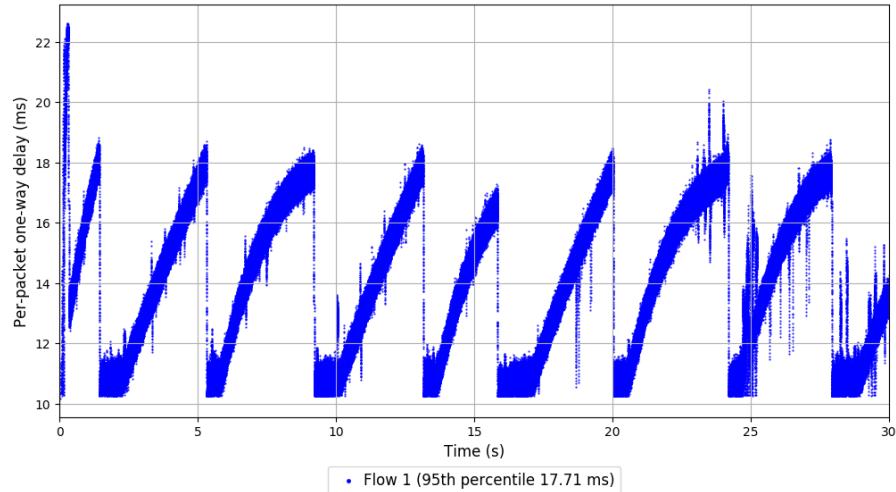
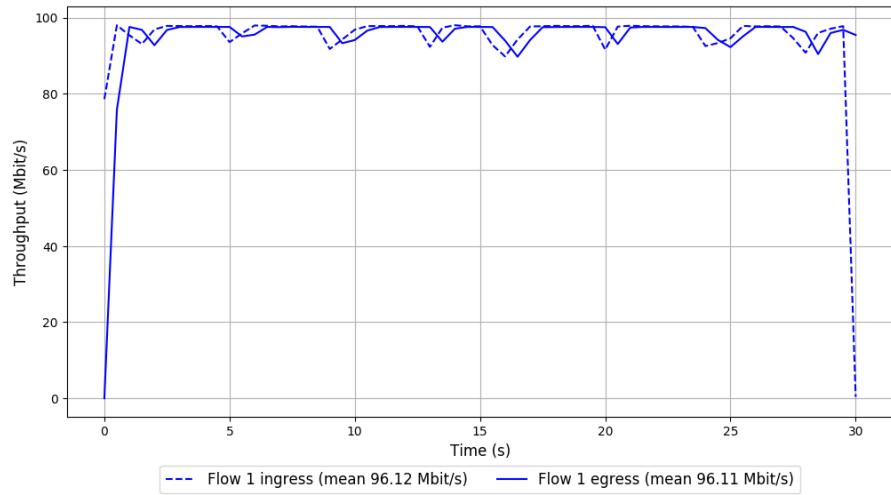


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-25 03:26:20
End at: 2018-05-25 03:26:50
Local clock offset: -4.751 ms
Remote clock offset: -3.729 ms

# Below is generated by plot.py at 2018-05-25 04:36:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 17.711 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 17.711 ms
Loss rate: 0.09%
```

Run 7: Report of TCP Cubic — Data Link

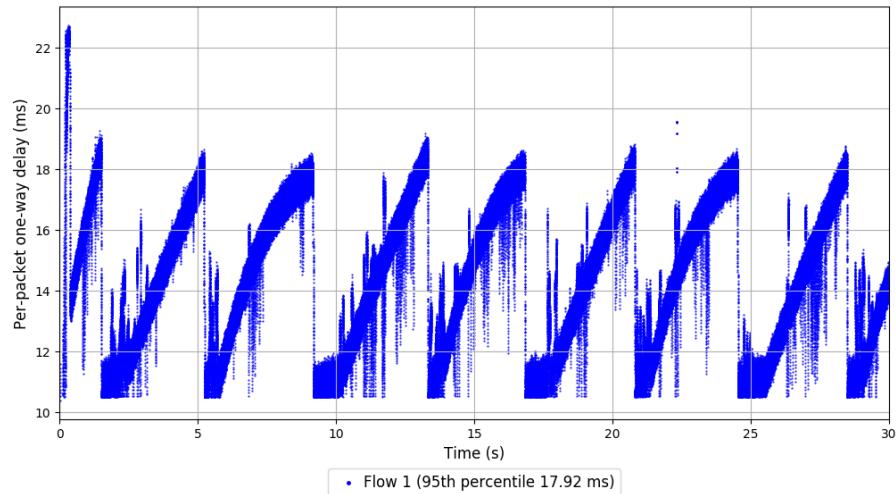
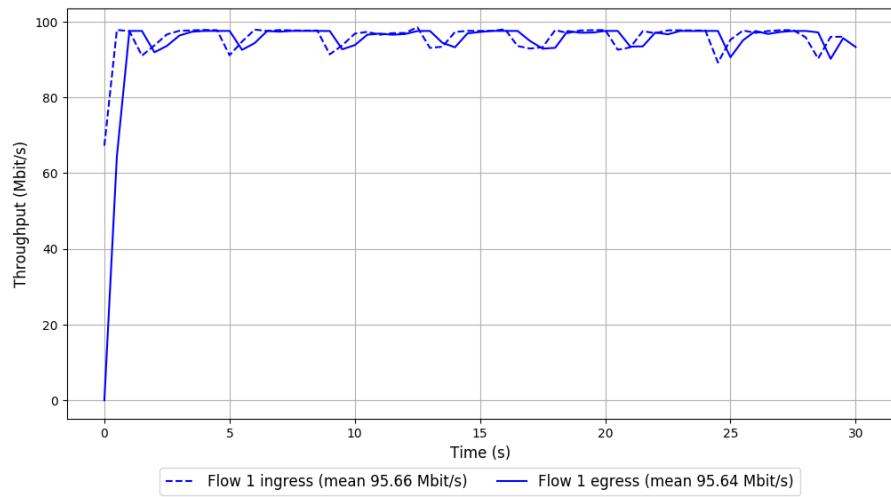


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-25 03:44:59
End at: 2018-05-25 03:45:29
Local clock offset: 0.215 ms
Remote clock offset: 0.861 ms

# Below is generated by plot.py at 2018-05-25 04:36:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 17.923 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 17.923 ms
Loss rate: 0.09%
```

Run 8: Report of TCP Cubic — Data Link

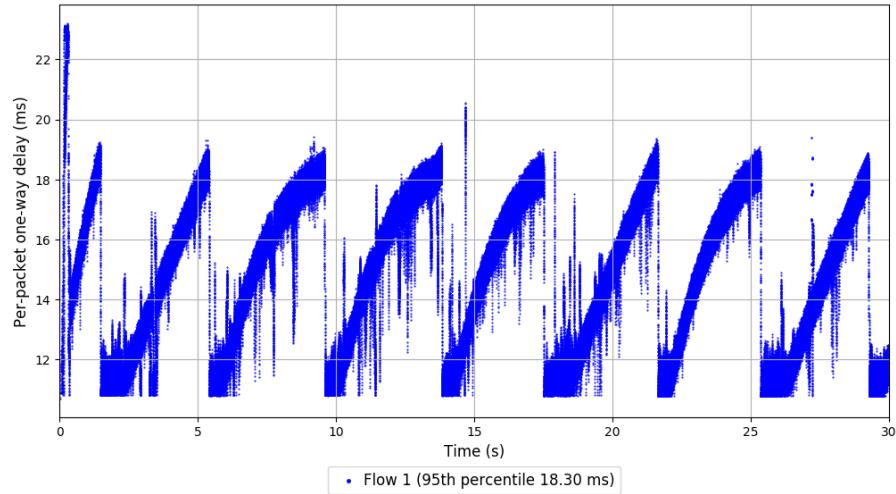
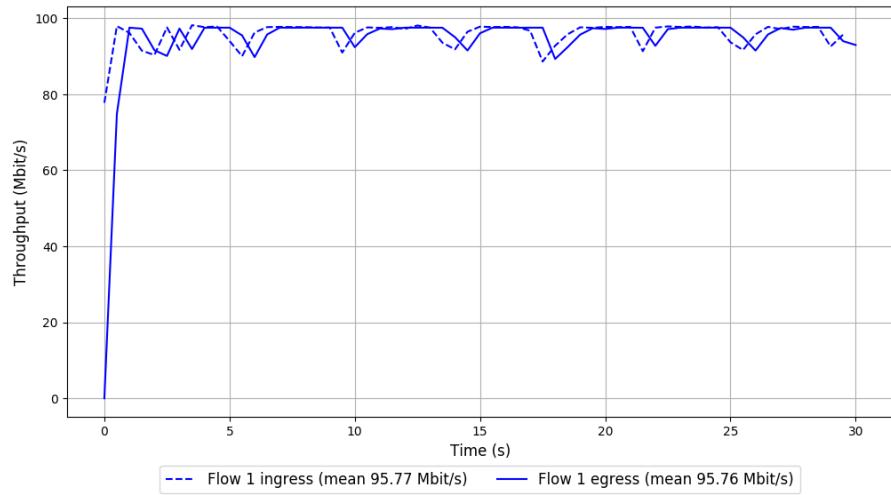


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-25 04:03:09
End at: 2018-05-25 04:03:39
Local clock offset: 1.09 ms
Remote clock offset: 0.662 ms

# Below is generated by plot.py at 2018-05-25 04:36:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 18.302 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 18.302 ms
Loss rate: 0.09%
```

Run 9: Report of TCP Cubic — Data Link

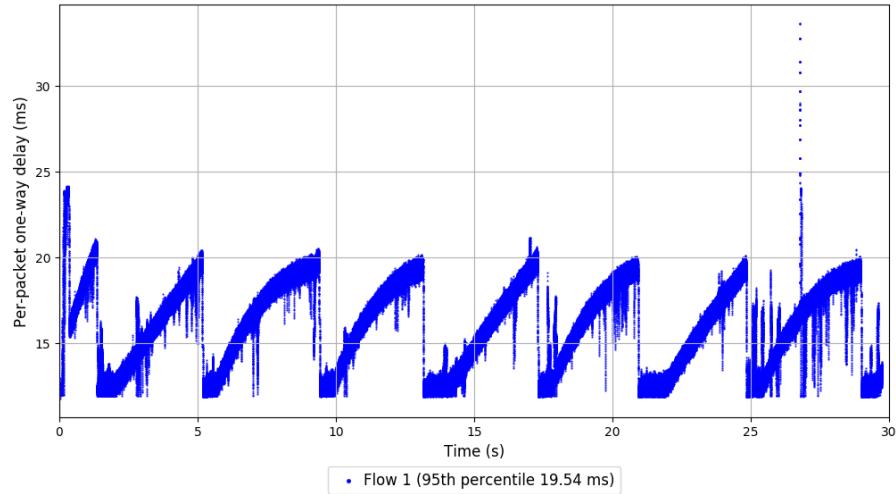
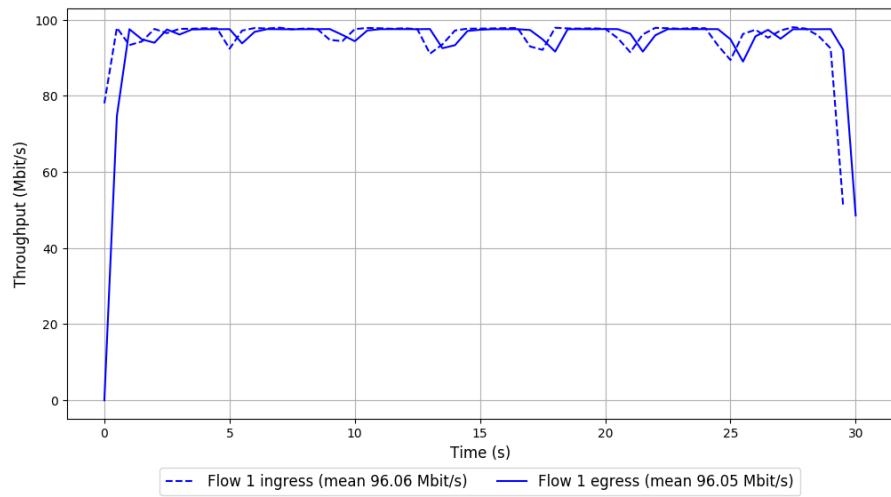


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-25 04:21:36
End at: 2018-05-25 04:22:06
Local clock offset: 2.367 ms
Remote clock offset: 0.276 ms

# Below is generated by plot.py at 2018-05-25 04:36:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 19.540 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 19.540 ms
Loss rate: 0.09%
```

Run 10: Report of TCP Cubic — Data Link

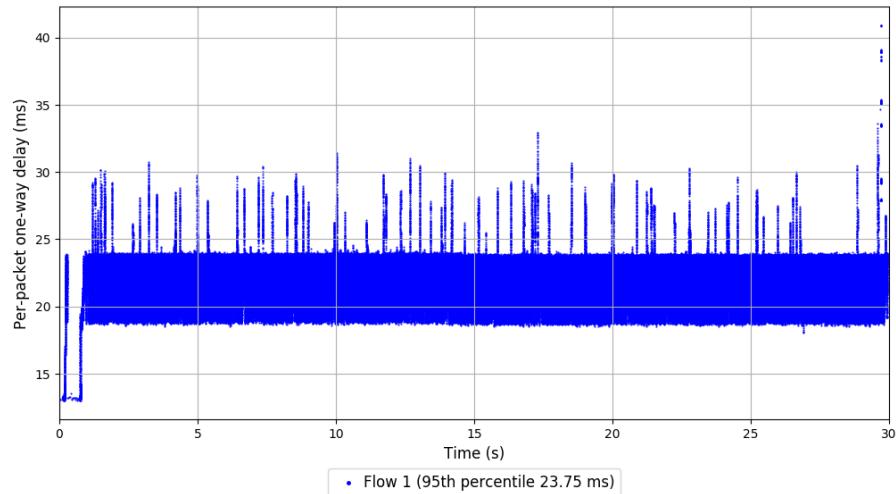
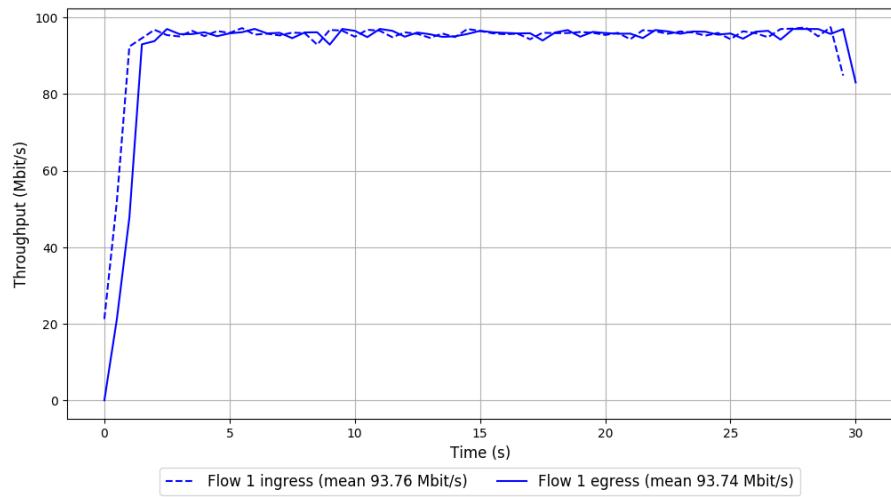


```
Run 1: Statistics of FillP
```

```
Start at: 2018-05-25 01:31:24
End at: 2018-05-25 01:31:54
Local clock offset: 2.573 ms
Remote clock offset: 4.949 ms

# Below is generated by plot.py at 2018-05-25 04:37:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 23.754 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 23.754 ms
Loss rate: 0.11%
```

Run 1: Report of FillP — Data Link

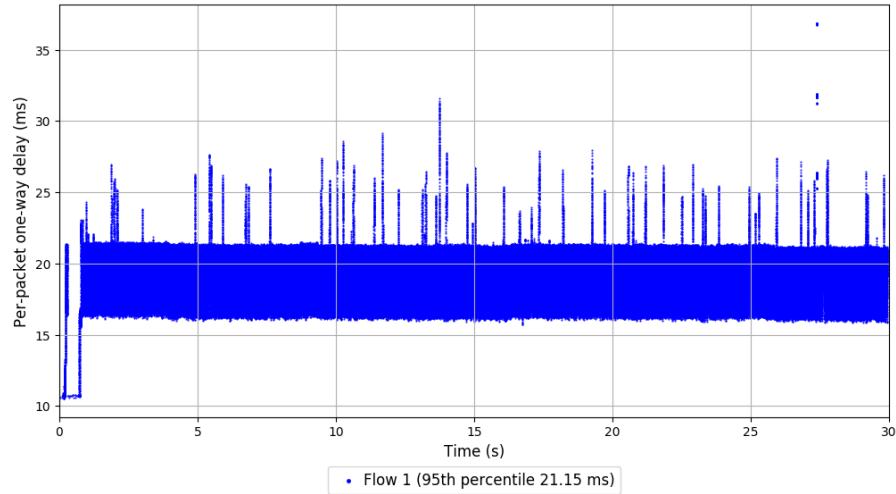
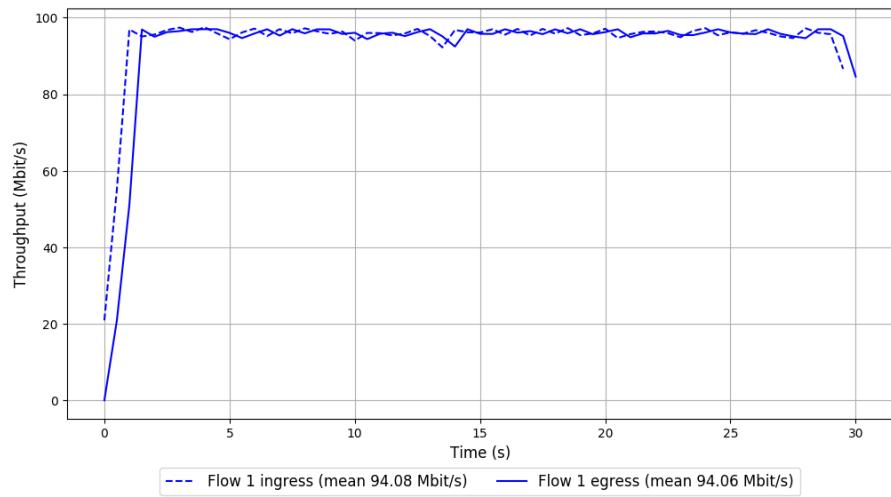


Run 2: Statistics of FillP

```
Start at: 2018-05-25 01:49:48
End at: 2018-05-25 01:50:18
Local clock offset: 3.518 ms
Remote clock offset: 1.633 ms

# Below is generated by plot.py at 2018-05-25 04:37:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 21.152 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 21.152 ms
Loss rate: 0.10%
```

Run 2: Report of FillP — Data Link

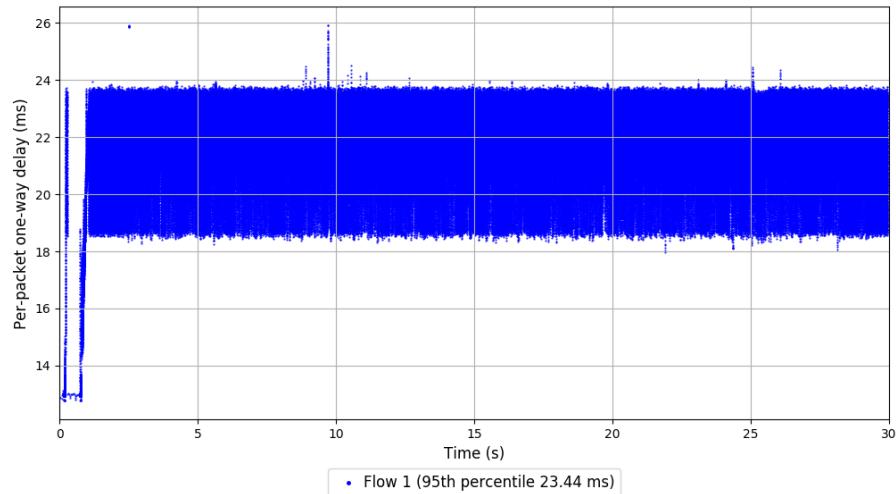
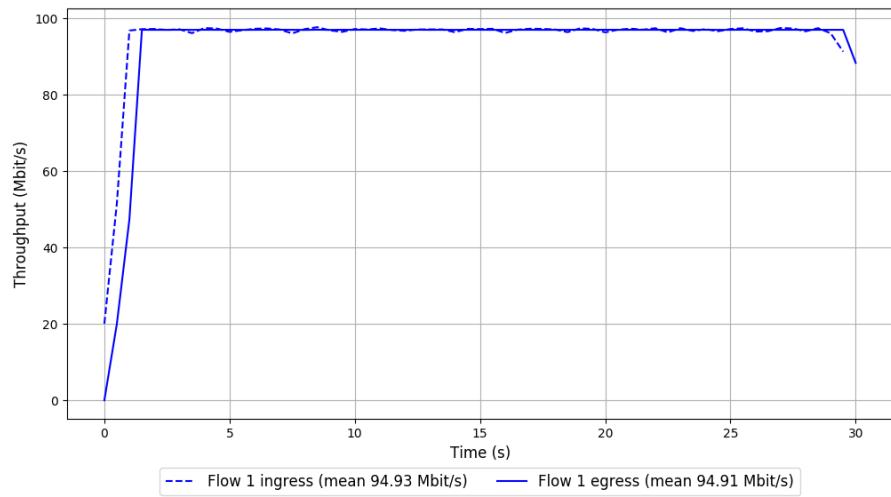


```
Run 3: Statistics of FillP
```

```
Start at: 2018-05-25 02:08:06
End at: 2018-05-25 02:08:36
Local clock offset: 1.237 ms
Remote clock offset: -5.192 ms

# Below is generated by plot.py at 2018-05-25 04:38:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 23.440 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 23.440 ms
Loss rate: 0.12%
```

Run 3: Report of FillP — Data Link

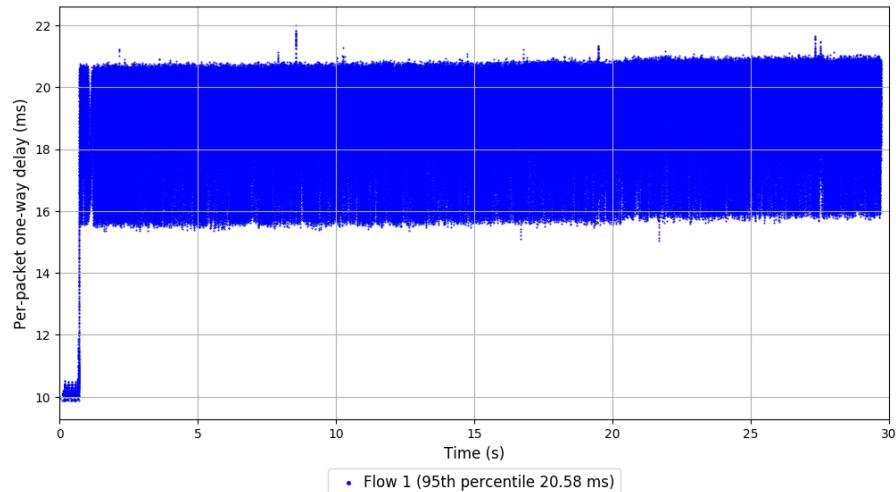
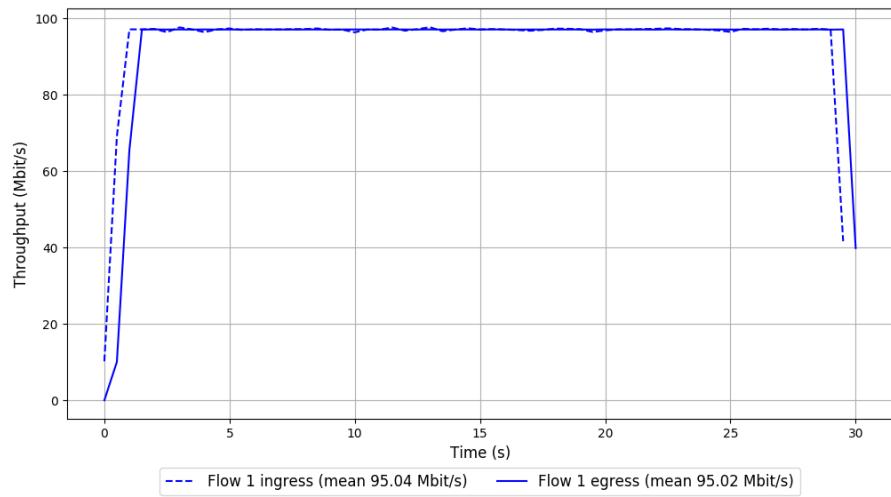


Run 4: Statistics of FillP

```
Start at: 2018-05-25 02:26:23
End at: 2018-05-25 02:26:53
Local clock offset: -0.187 ms
Remote clock offset: 3.469 ms

# Below is generated by plot.py at 2018-05-25 04:38:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 20.578 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 20.578 ms
Loss rate: 0.10%
```

Run 4: Report of FillP — Data Link

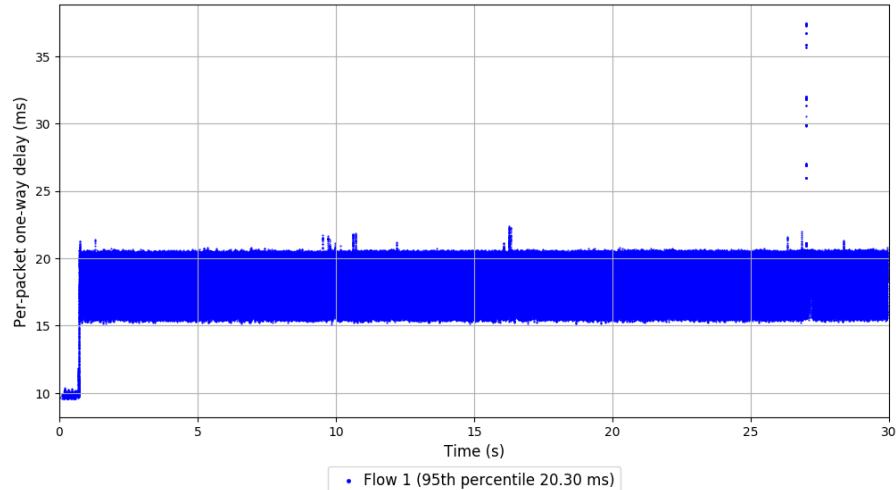
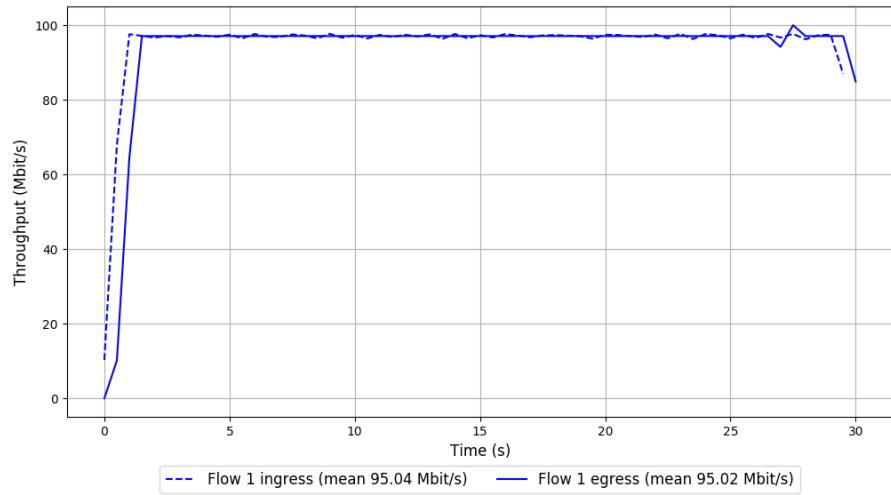


Run 5: Statistics of FillP

```
Start at: 2018-05-25 02:44:53
End at: 2018-05-25 02:45:23
Local clock offset: -0.195 ms
Remote clock offset: 7.792 ms

# Below is generated by plot.py at 2018-05-25 04:38:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 20.302 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 20.302 ms
Loss rate: 0.10%
```

Run 5: Report of FillP — Data Link

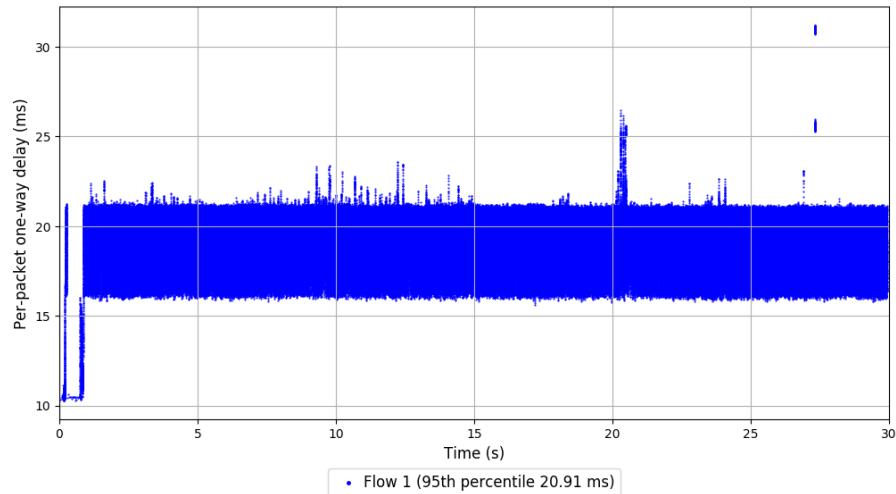
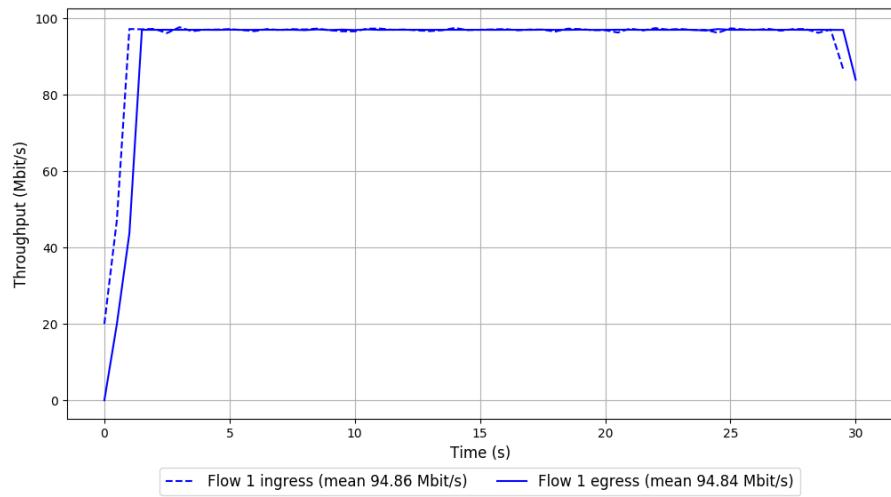


Run 6: Statistics of FillP

```
Start at: 2018-05-25 03:03:24
End at: 2018-05-25 03:03:54
Local clock offset: 2.173 ms
Remote clock offset: 4.764 ms

# Below is generated by plot.py at 2018-05-25 04:38:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 20.914 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 20.914 ms
Loss rate: 0.11%
```

Run 6: Report of FillP — Data Link

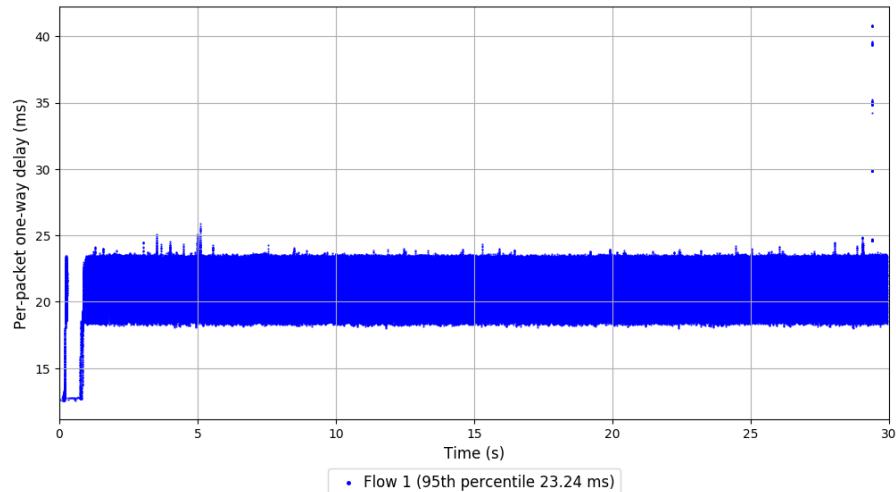
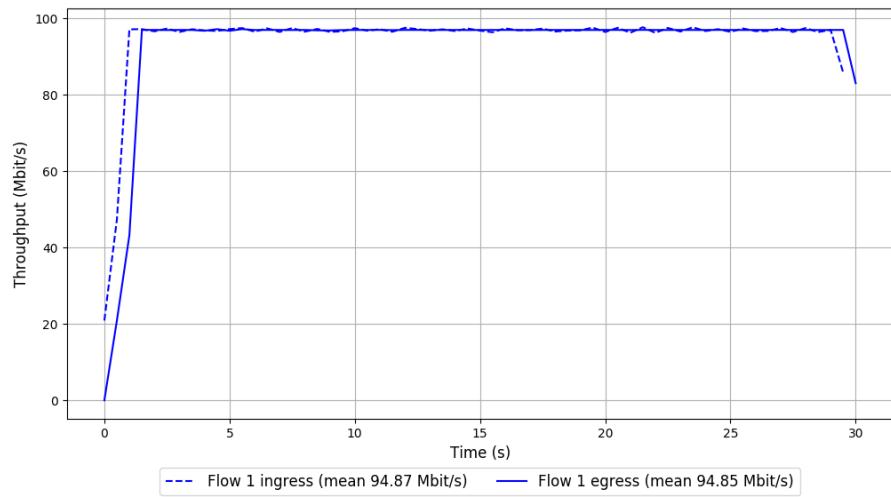


Run 7: Statistics of FillP

```
Start at: 2018-05-25 03:21:50
End at: 2018-05-25 03:22:20
Local clock offset: 1.81 ms
Remote clock offset: 1.004 ms

# Below is generated by plot.py at 2018-05-25 04:38:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 23.237 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 23.237 ms
Loss rate: 0.11%
```

Run 7: Report of FillP — Data Link

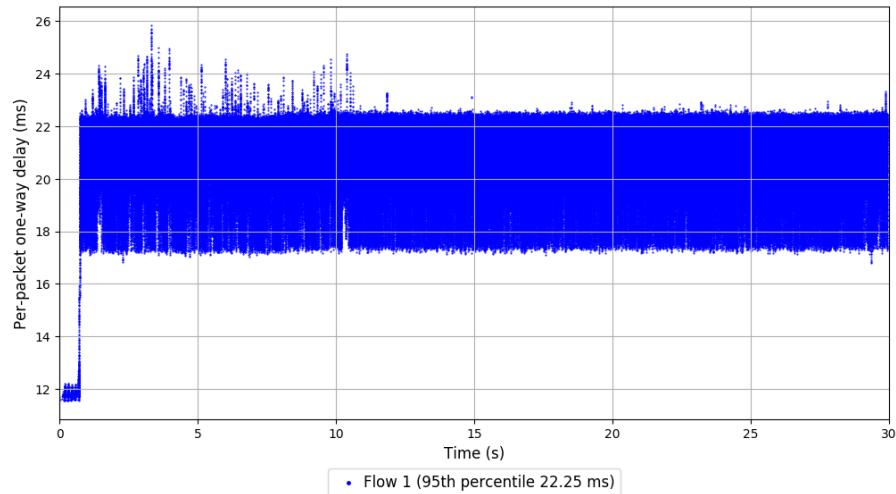
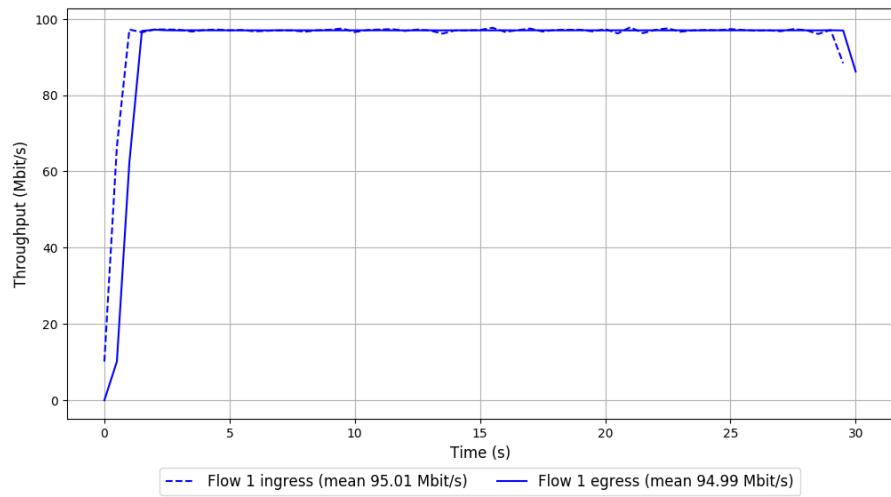


Run 8: Statistics of FillP

```
Start at: 2018-05-25 03:40:33
End at: 2018-05-25 03:41:03
Local clock offset: 1.946 ms
Remote clock offset: 1.427 ms

# Below is generated by plot.py at 2018-05-25 04:38:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 22.249 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 22.249 ms
Loss rate: 0.10%
```

Run 8: Report of FillP — Data Link

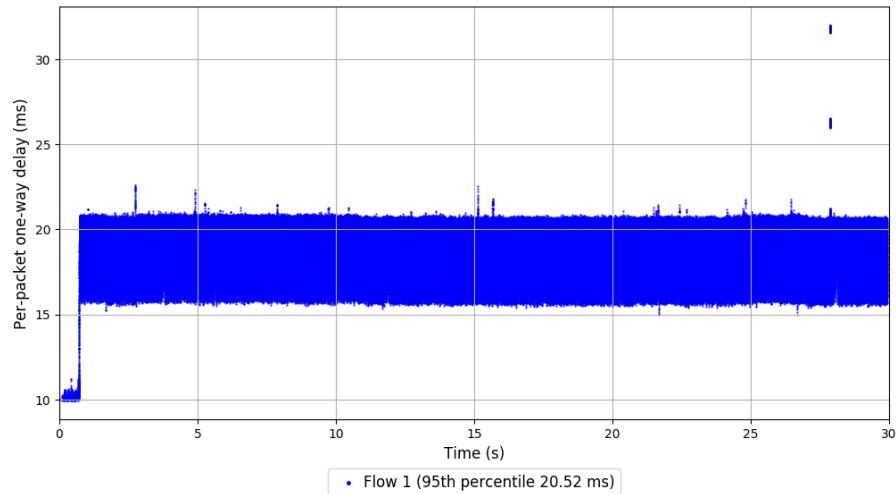
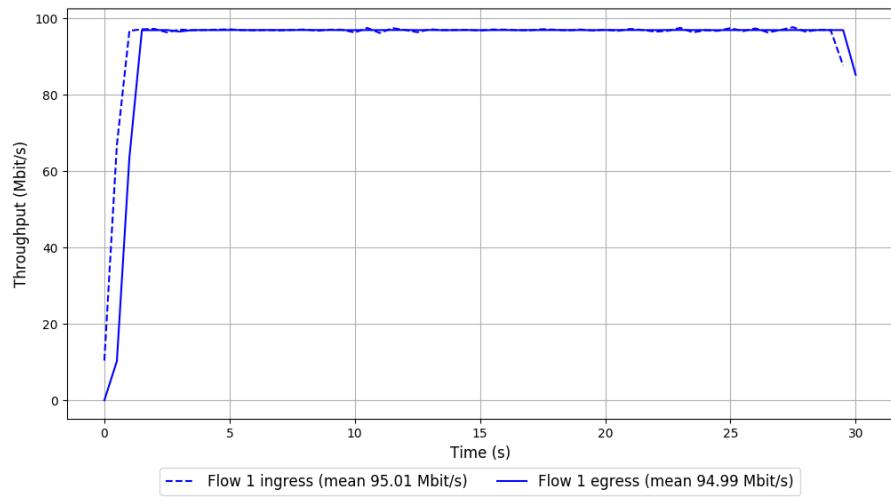


Run 9: Statistics of FillP

```
Start at: 2018-05-25 03:58:47
End at: 2018-05-25 03:59:17
Local clock offset: 0.333 ms
Remote clock offset: 1.017 ms

# Below is generated by plot.py at 2018-05-25 04:39:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 20.523 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 20.523 ms
Loss rate: 0.11%
```

Run 9: Report of FillP — Data Link

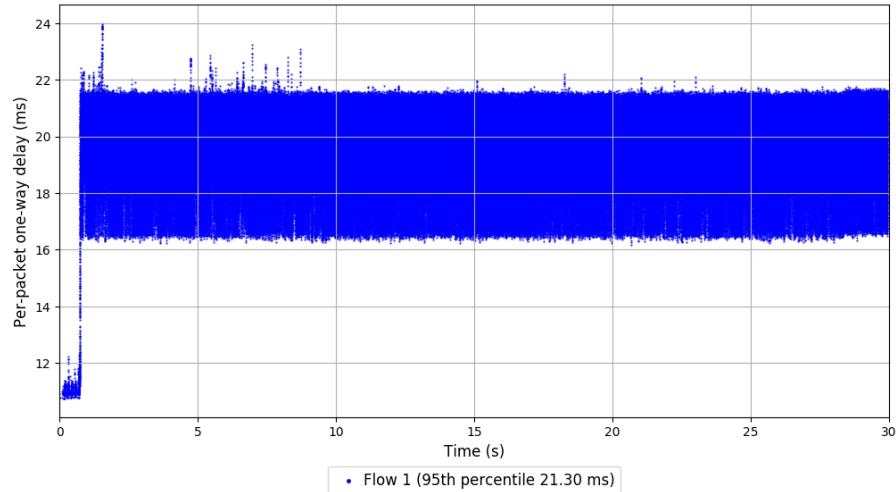
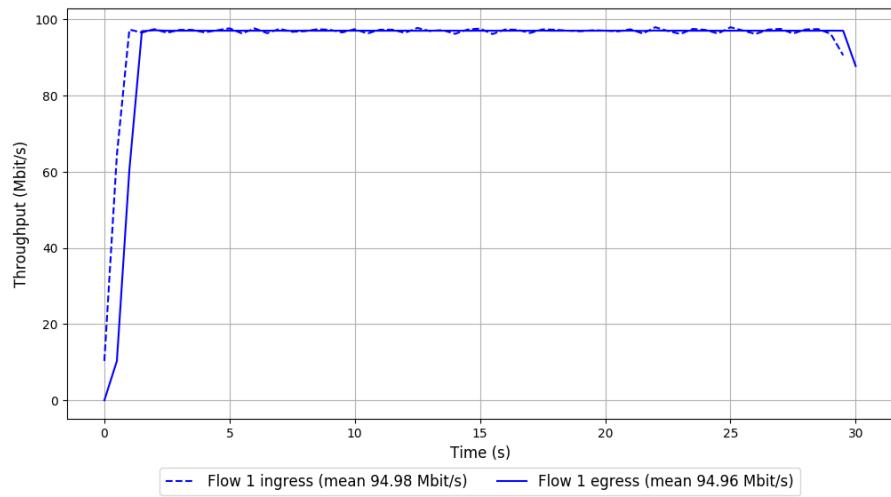


Run 10: Statistics of FillP

```
Start at: 2018-05-25 04:17:01
End at: 2018-05-25 04:17:31
Local clock offset: 2.151 ms
Remote clock offset: 1.237 ms

# Below is generated by plot.py at 2018-05-25 04:39:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 21.300 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 21.300 ms
Loss rate: 0.11%
```

Run 10: Report of FillP — Data Link

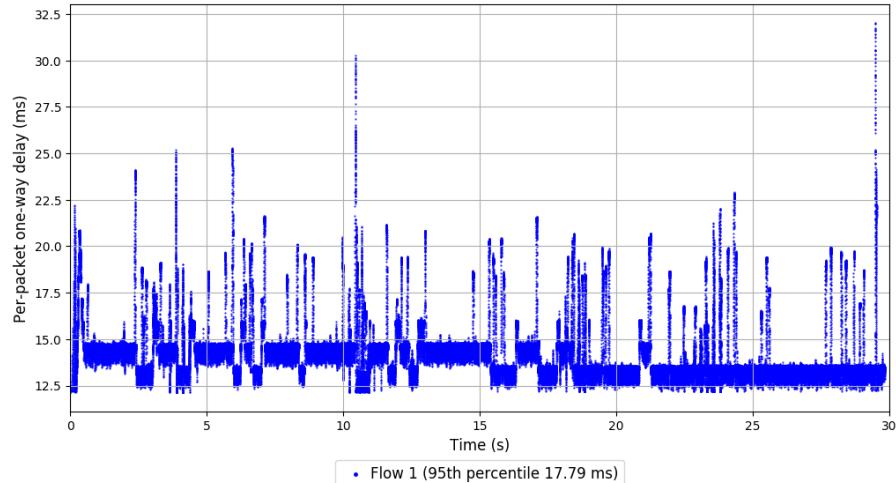
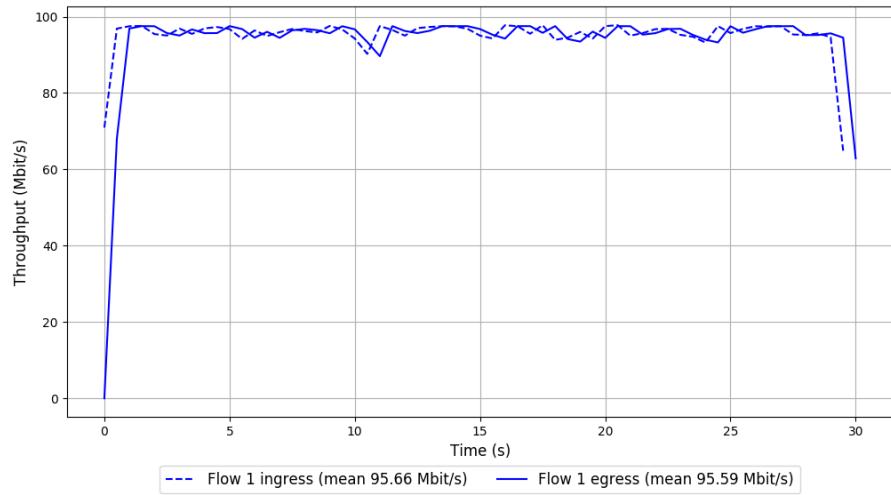


Run 1: Statistics of Indigo

```
Start at: 2018-05-25 01:26:43
End at: 2018-05-25 01:27:13
Local clock offset: 2.798 ms
Remote clock offset: 5.654 ms

# Below is generated by plot.py at 2018-05-25 04:39:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 17.791 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 17.791 ms
Loss rate: 0.15%
```

Run 1: Report of Indigo — Data Link

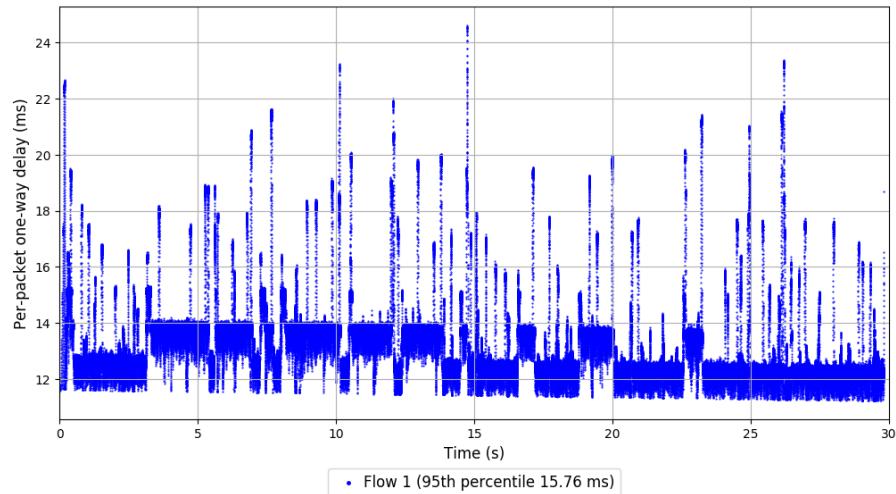
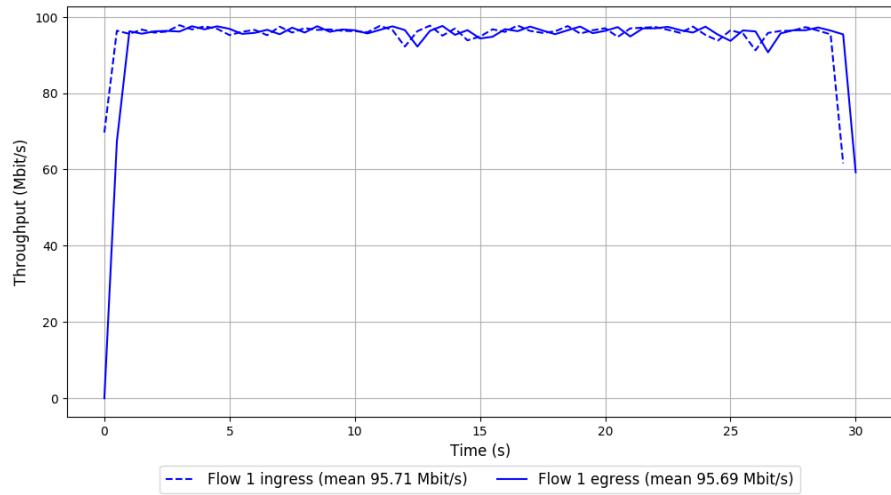


Run 2: Statistics of Indigo

```
Start at: 2018-05-25 01:45:09
End at: 2018-05-25 01:45:39
Local clock offset: 1.484 ms
Remote clock offset: 1.625 ms

# Below is generated by plot.py at 2018-05-25 04:39:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 15.759 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 15.759 ms
Loss rate: 0.08%
```

Run 2: Report of Indigo — Data Link

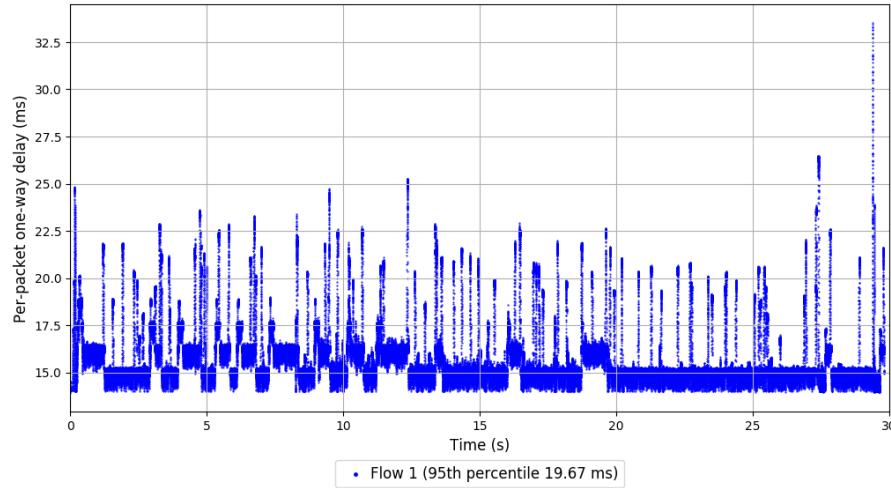
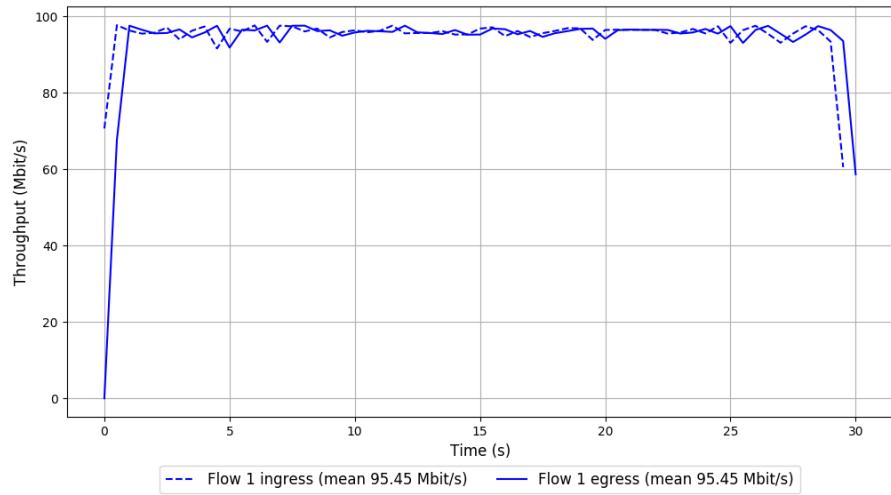


Run 3: Statistics of Indigo

```
Start at: 2018-05-25 02:03:32
End at: 2018-05-25 02:04:02
Local clock offset: 3.147 ms
Remote clock offset: -4.22 ms

# Below is generated by plot.py at 2018-05-25 04:39:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 19.674 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 19.674 ms
Loss rate: 0.08%
```

Run 3: Report of Indigo — Data Link

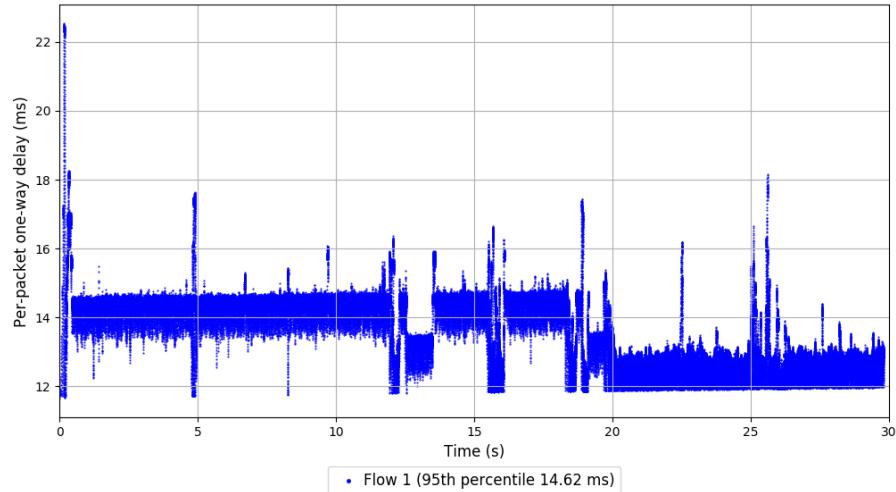
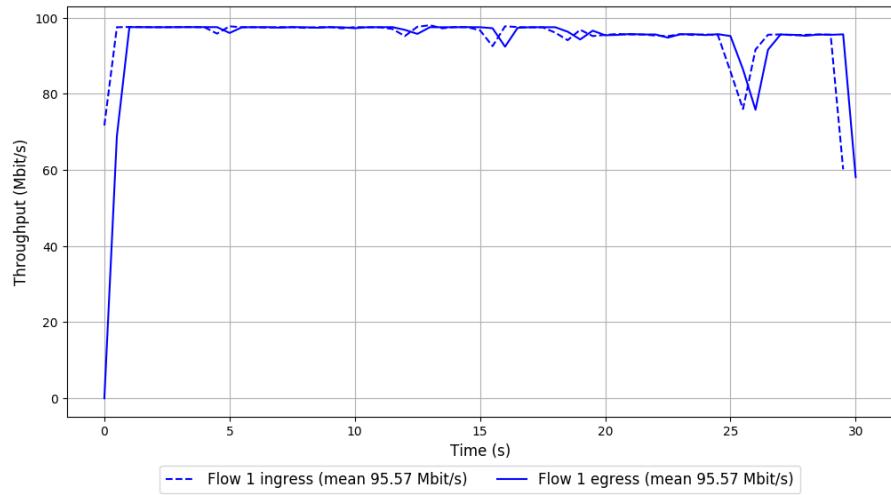


Run 4: Statistics of Indigo

```
Start at: 2018-05-25 02:21:46
End at: 2018-05-25 02:22:16
Local clock offset: 1.167 ms
Remote clock offset: 1.064 ms

# Below is generated by plot.py at 2018-05-25 04:39:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 14.622 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 14.622 ms
Loss rate: 0.08%
```

Run 4: Report of Indigo — Data Link

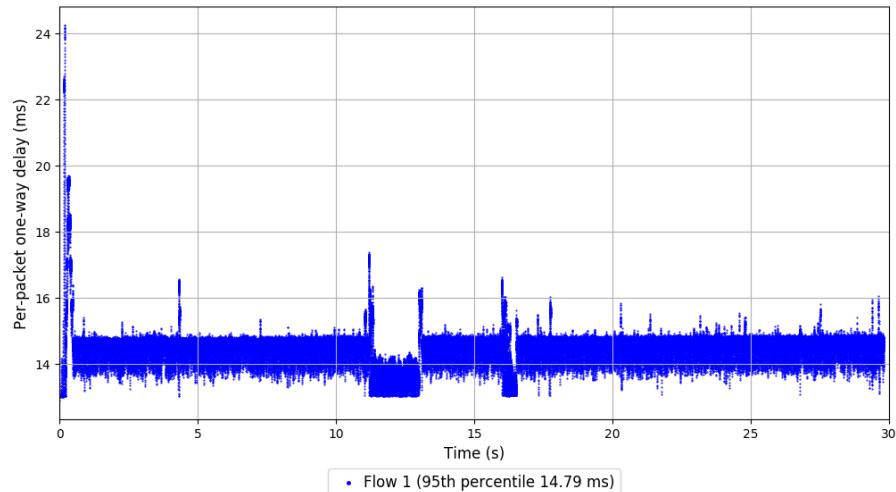
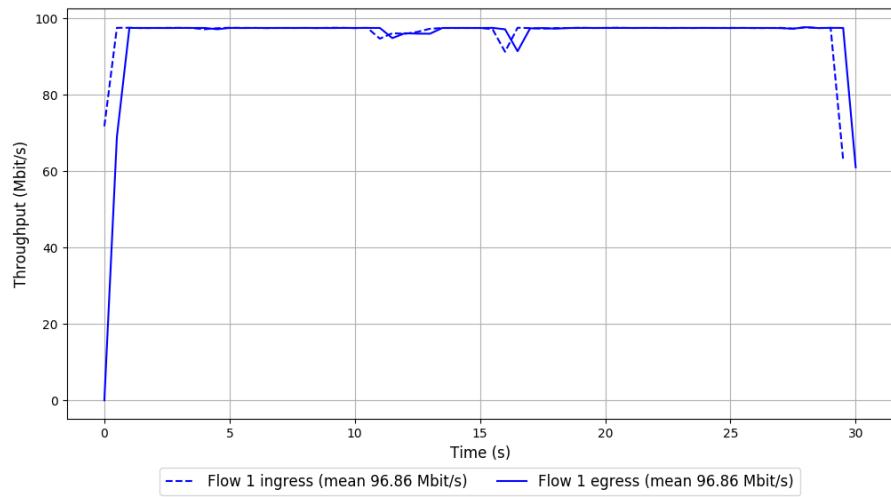


Run 5: Statistics of Indigo

```
Start at: 2018-05-25 02:40:16
End at: 2018-05-25 02:40:46
Local clock offset: 1.546 ms
Remote clock offset: 5.593 ms

# Below is generated by plot.py at 2018-05-25 04:39:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 14.790 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 14.790 ms
Loss rate: 0.08%
```

Run 5: Report of Indigo — Data Link

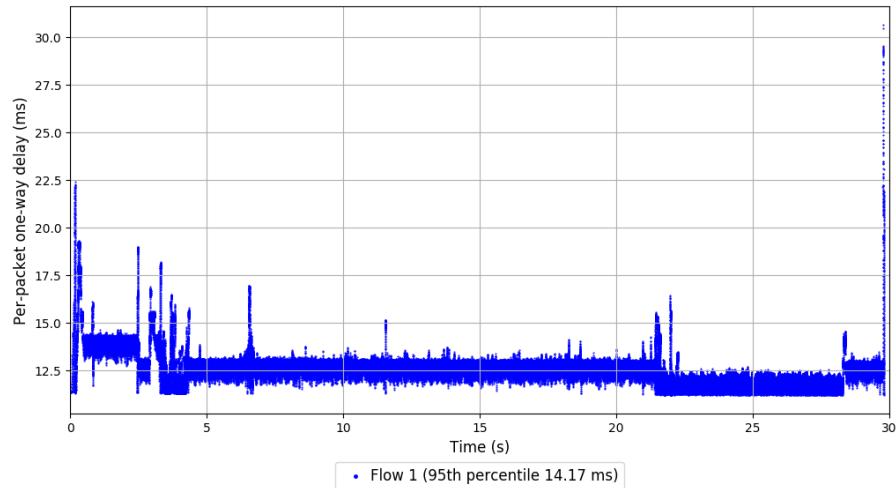
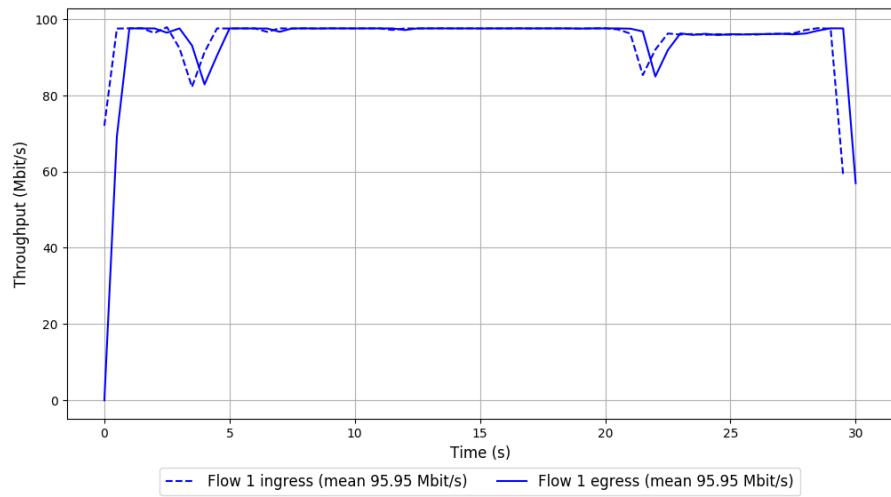


Run 6: Statistics of Indigo

```
Start at: 2018-05-25 02:58:44
End at: 2018-05-25 02:59:14
Local clock offset: 2.194 ms
Remote clock offset: 4.897 ms

# Below is generated by plot.py at 2018-05-25 04:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 14.169 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 14.169 ms
Loss rate: 0.08%
```

Run 6: Report of Indigo — Data Link

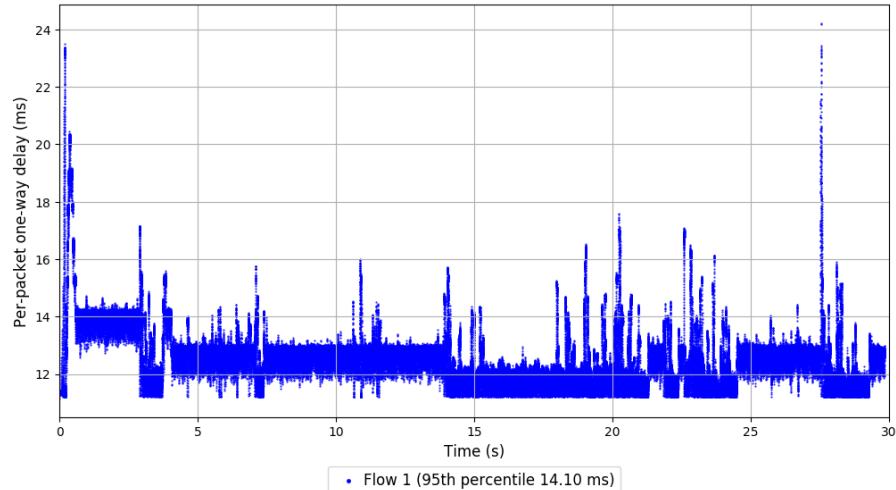
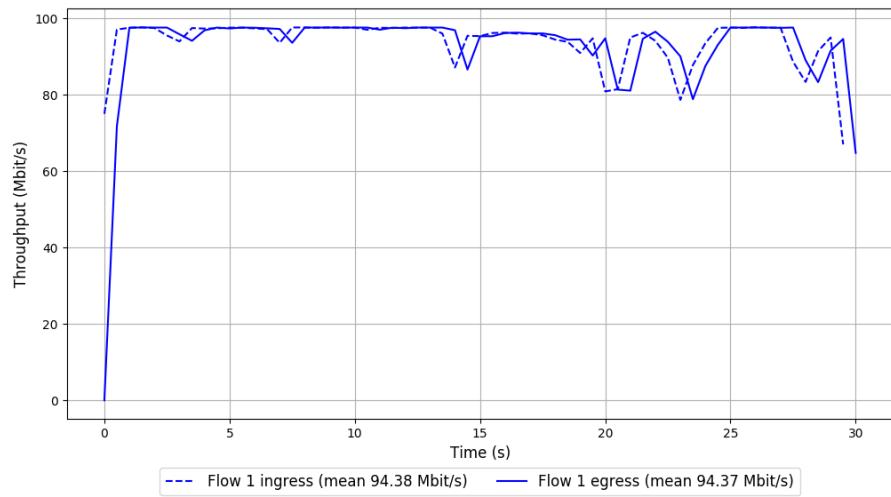


Run 7: Statistics of Indigo

```
Start at: 2018-05-25 03:17:08
End at: 2018-05-25 03:17:38
Local clock offset: 2.763 ms
Remote clock offset: 3.537 ms

# Below is generated by plot.py at 2018-05-25 04:40:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 14.096 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 14.096 ms
Loss rate: 0.08%
```

Run 7: Report of Indigo — Data Link

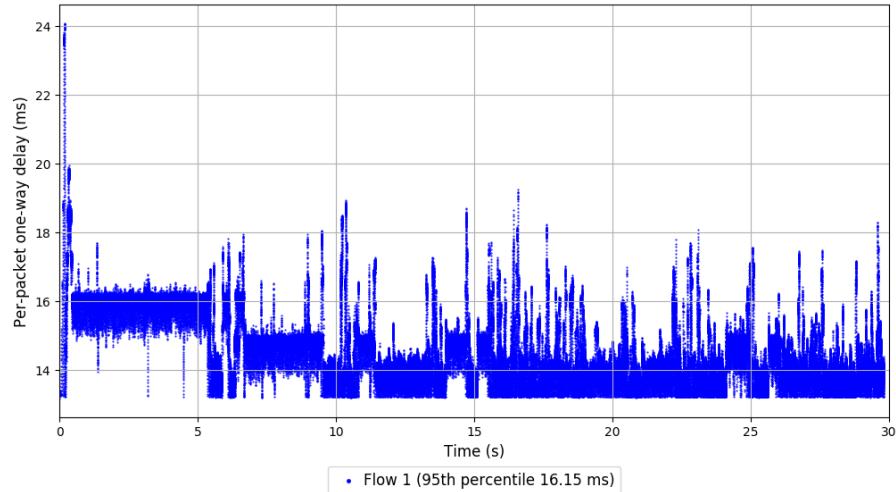
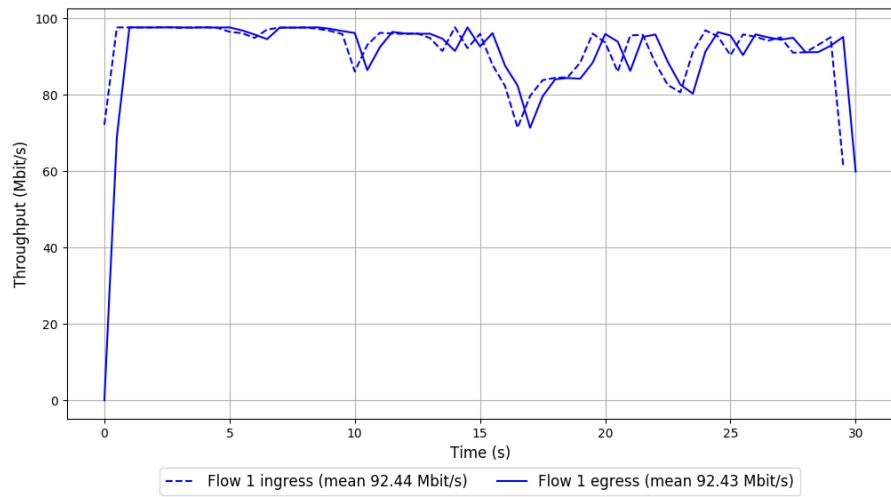


Run 8: Statistics of Indigo

```
Start at: 2018-05-25 03:35:51
End at: 2018-05-25 03:36:21
Local clock offset: 1.941 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2018-05-25 04:40:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 16.149 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 16.149 ms
Loss rate: 0.08%
```

Run 8: Report of Indigo — Data Link

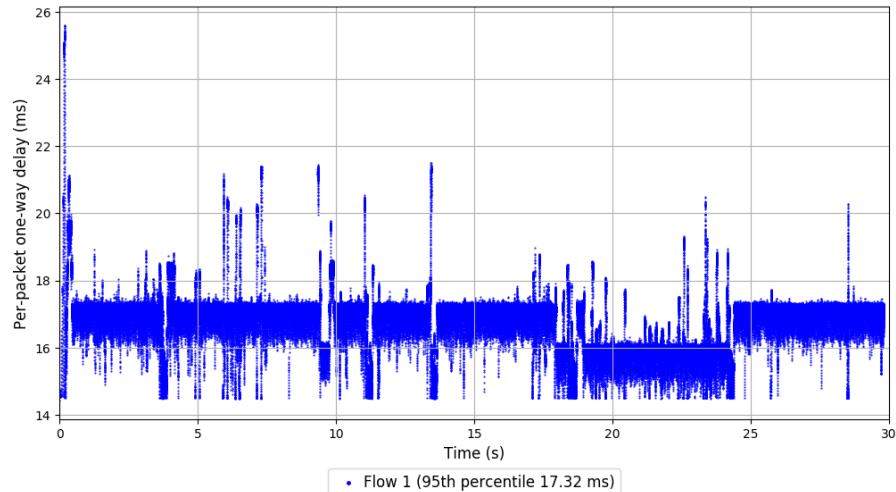
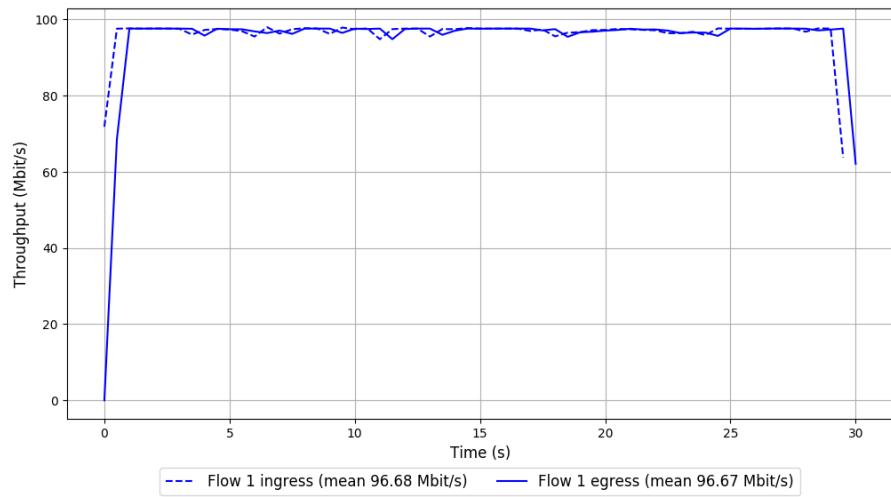


Run 9: Statistics of Indigo

```
Start at: 2018-05-25 03:54:13
End at: 2018-05-25 03:54:43
Local clock offset: 2.639 ms
Remote clock offset: -0.681 ms

# Below is generated by plot.py at 2018-05-25 04:41:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 17.321 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 17.321 ms
Loss rate: 0.09%
```

Run 9: Report of Indigo — Data Link

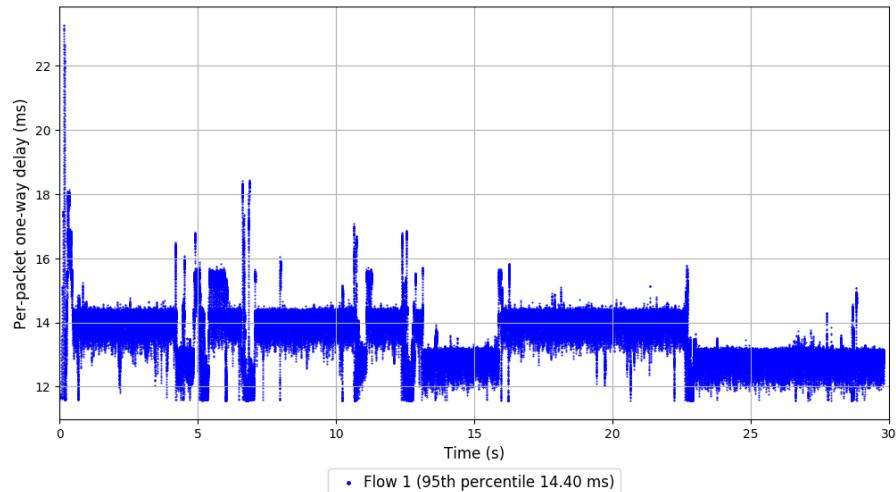
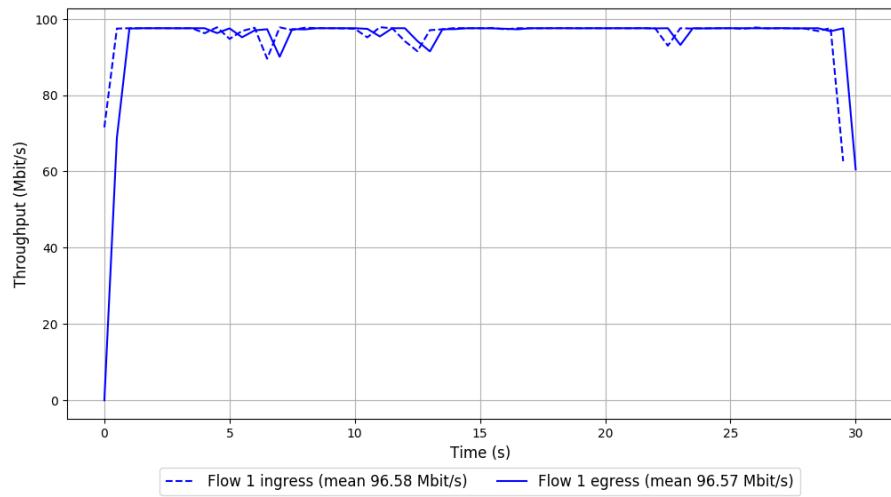


Run 10: Statistics of Indigo

```
Start at: 2018-05-25 04:12:20
End at: 2018-05-25 04:12:50
Local clock offset: 1.841 ms
Remote clock offset: 0.305 ms

# Below is generated by plot.py at 2018-05-25 04:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.57 Mbit/s
95th percentile per-packet one-way delay: 14.397 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.57 Mbit/s
95th percentile per-packet one-way delay: 14.397 ms
Loss rate: 0.08%
```

Run 10: Report of Indigo — Data Link

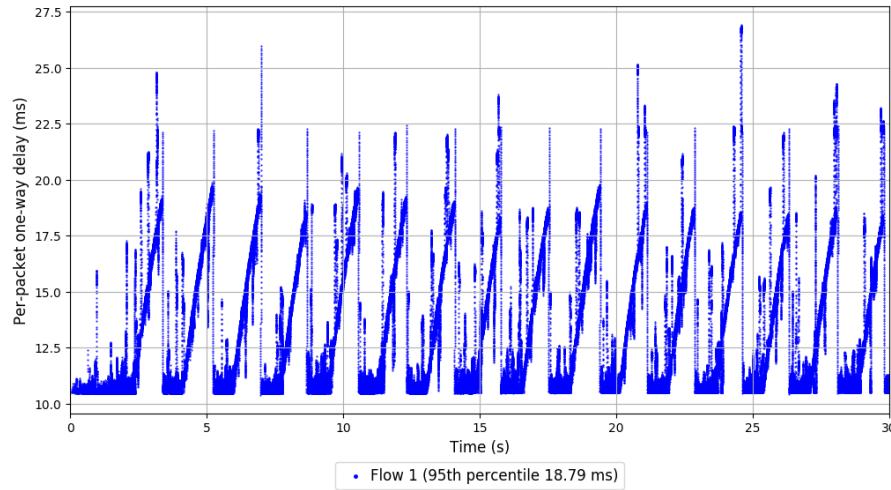
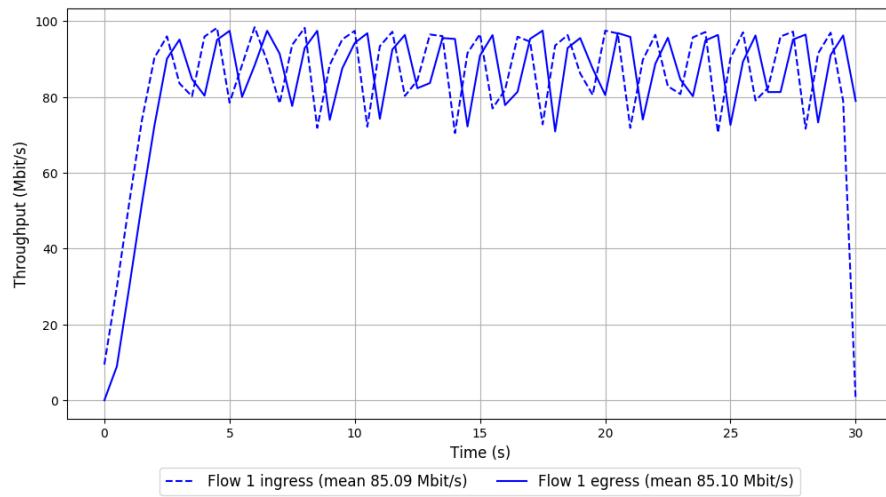


Run 1: Statistics of LEDBAT

```
Start at: 2018-05-25 01:36:57
End at: 2018-05-25 01:37:27
Local clock offset: 1.453 ms
Remote clock offset: 7.024 ms

# Below is generated by plot.py at 2018-05-25 04:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 18.786 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 18.786 ms
Loss rate: 0.07%
```

Run 1: Report of LEDBAT — Data Link

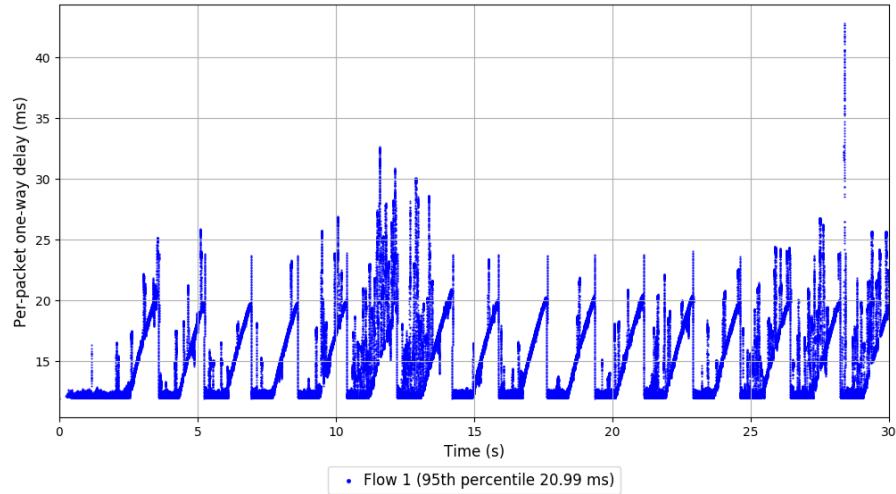
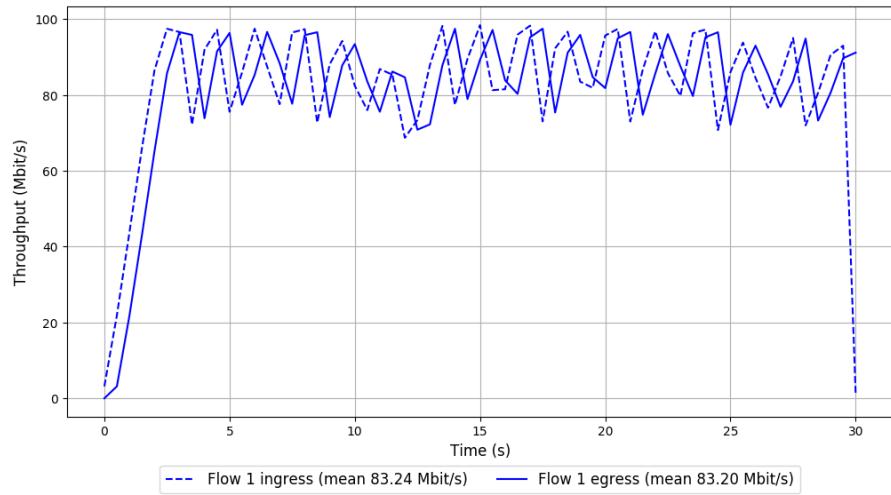


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-25 01:55:21
End at: 2018-05-25 01:55:51
Local clock offset: 4.196 ms
Remote clock offset: -1.039 ms

# Below is generated by plot.py at 2018-05-25 04:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 20.987 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 20.987 ms
Loss rate: 0.13%
```

Run 2: Report of LEDBAT — Data Link

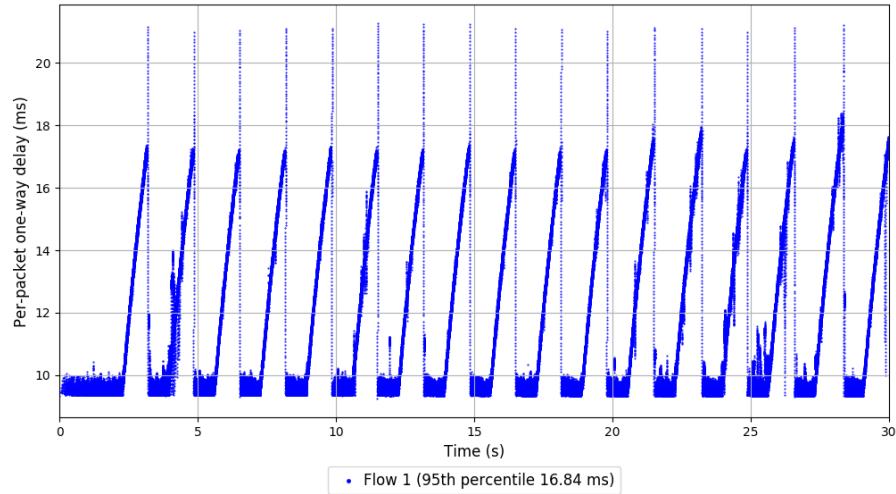
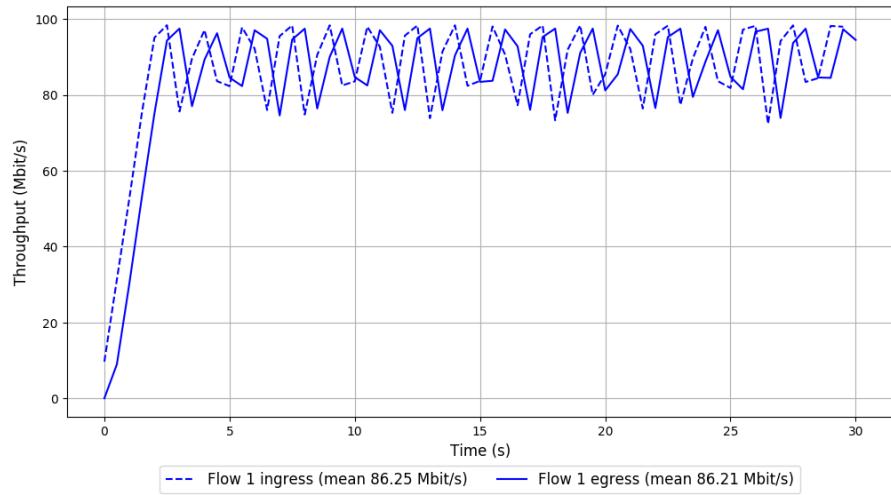


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-25 02:13:40
End at: 2018-05-25 02:14:10
Local clock offset: -0.246 ms
Remote clock offset: -3.181 ms

# Below is generated by plot.py at 2018-05-25 04:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 16.841 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 16.841 ms
Loss rate: 0.13%
```

Run 3: Report of LEDBAT — Data Link

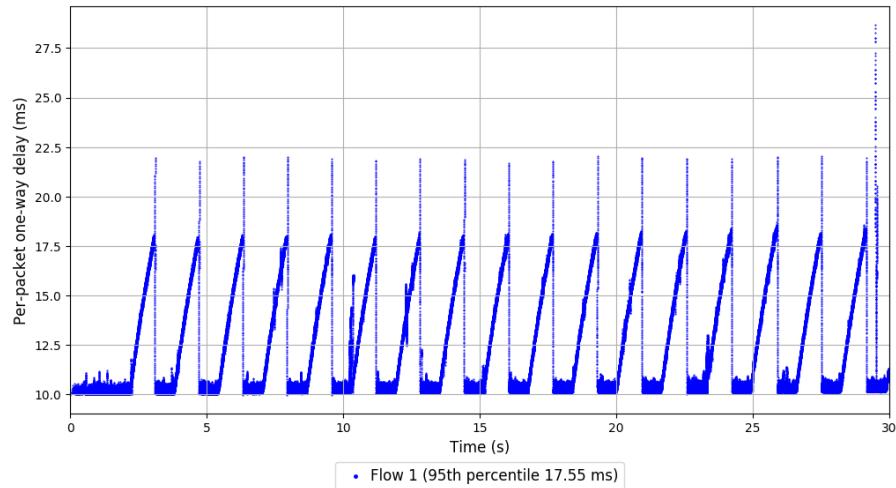
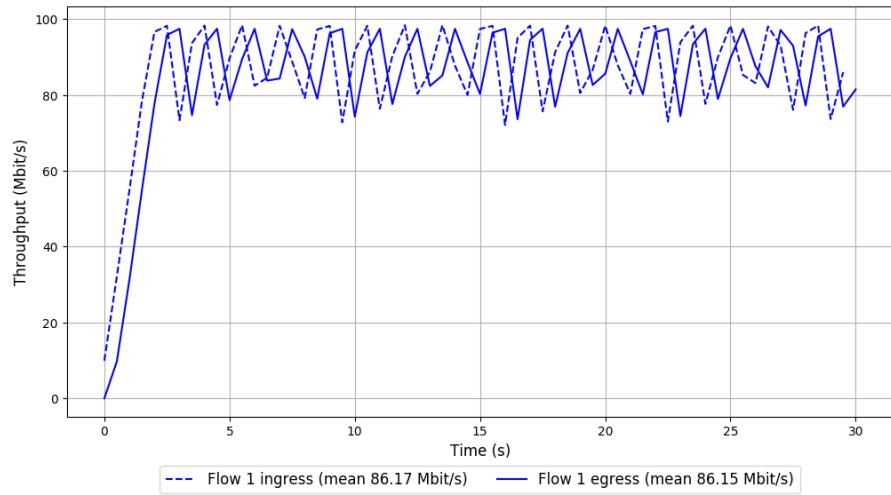


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-25 02:31:57
End at: 2018-05-25 02:32:27
Local clock offset: 0.859 ms
Remote clock offset: 6.219 ms

# Below is generated by plot.py at 2018-05-25 04:41:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 17.553 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 17.553 ms
Loss rate: 0.10%
```

Run 4: Report of LEDBAT — Data Link

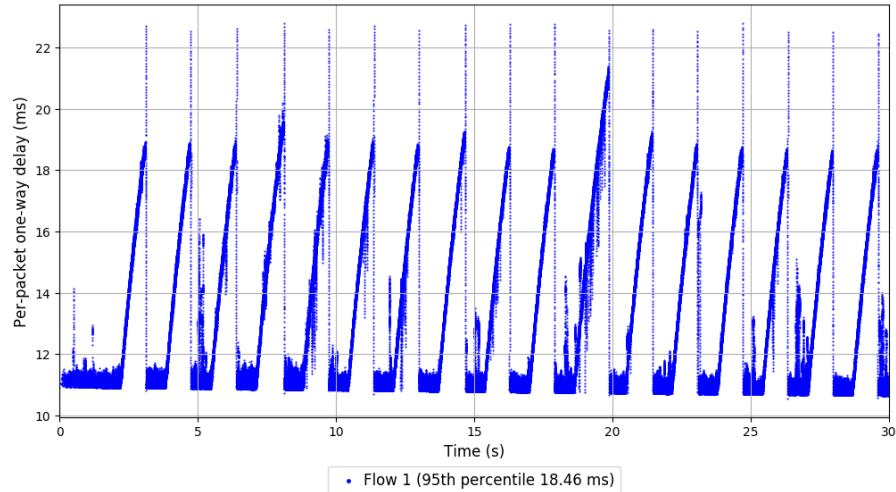
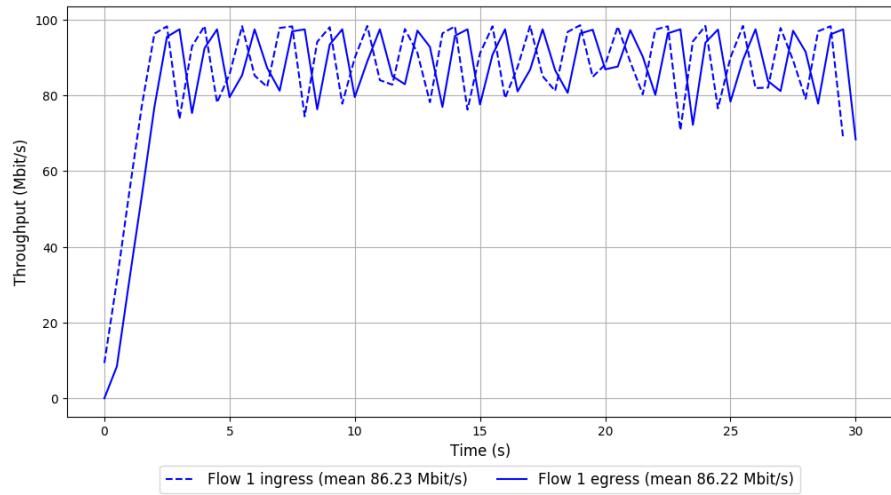


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-25 02:50:31
End at: 2018-05-25 02:51:01
Local clock offset: 1.498 ms
Remote clock offset: 7.986 ms

# Below is generated by plot.py at 2018-05-25 04:42:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.22 Mbit/s
95th percentile per-packet one-way delay: 18.459 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 86.22 Mbit/s
95th percentile per-packet one-way delay: 18.459 ms
Loss rate: 0.08%
```

Run 5: Report of LEDBAT — Data Link

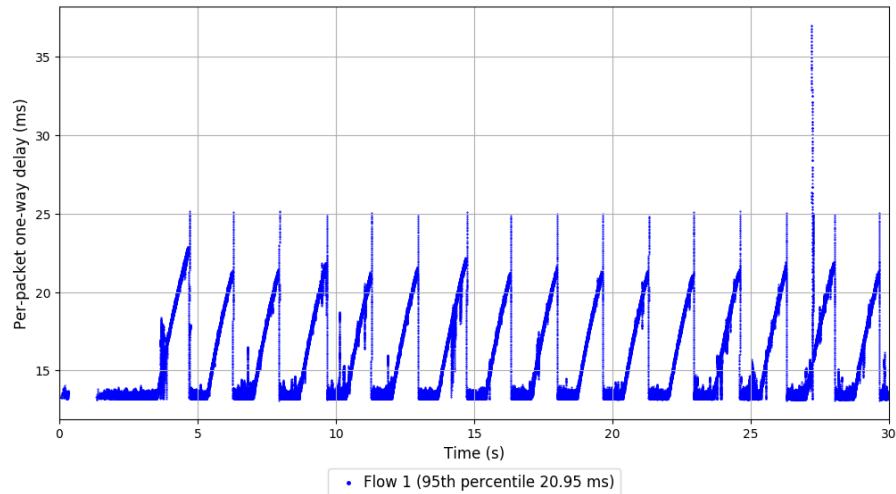
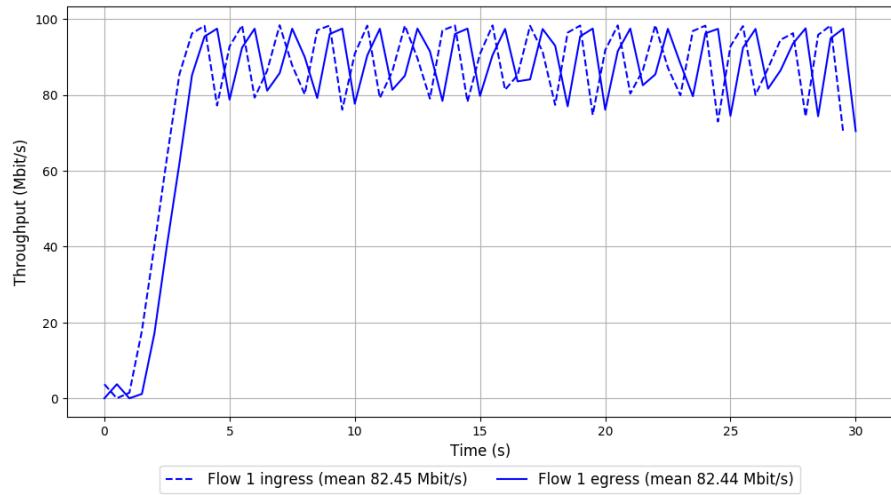


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-25 03:08:57
End at: 2018-05-25 03:09:27
Local clock offset: 2.846 ms
Remote clock offset: 1.995 ms

# Below is generated by plot.py at 2018-05-25 04:42:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 20.951 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 20.951 ms
Loss rate: 0.08%
```

Run 6: Report of LEDBAT — Data Link

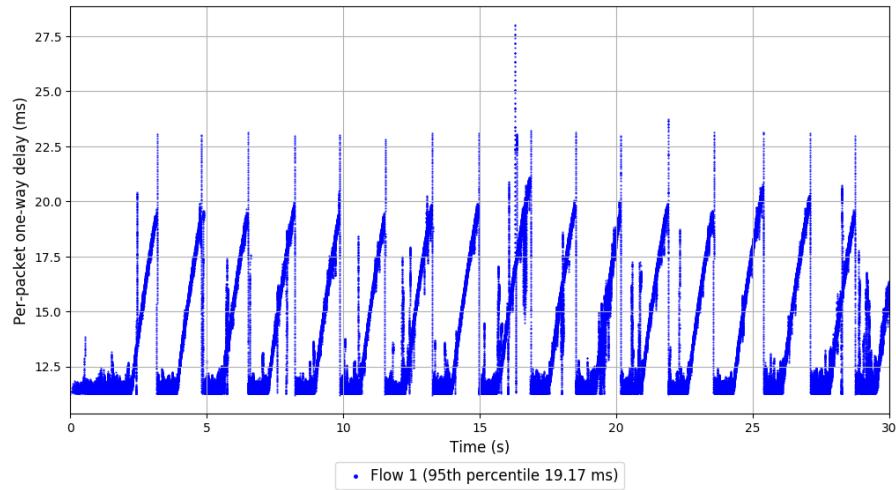
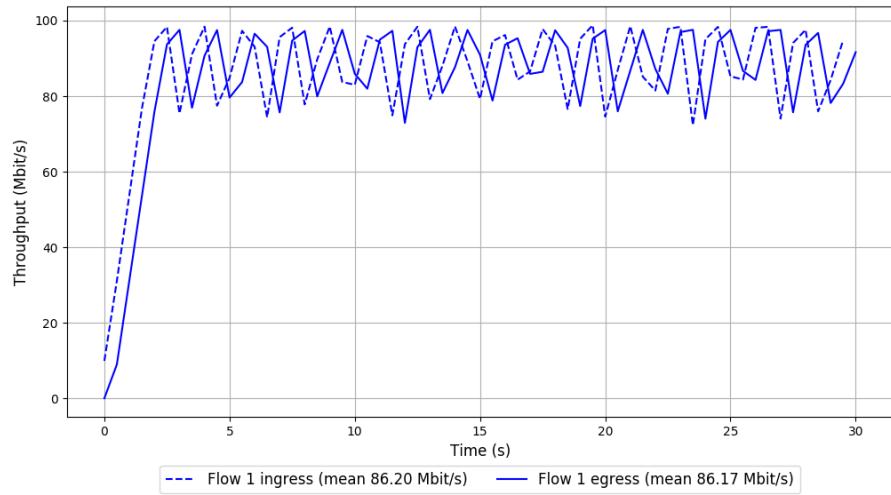


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-25 03:27:33
End at: 2018-05-25 03:28:03
Local clock offset: 2.504 ms
Remote clock offset: 2.514 ms

# Below is generated by plot.py at 2018-05-25 04:42:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.11%
```

Run 7: Report of LEDBAT — Data Link

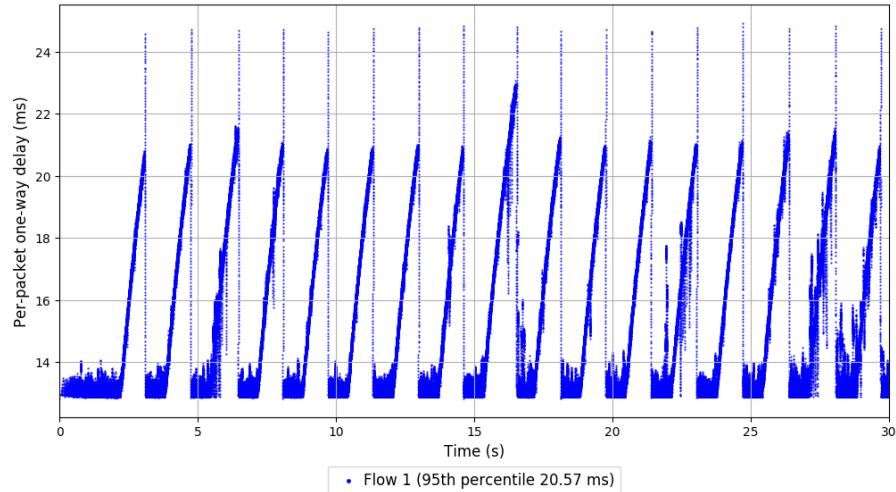
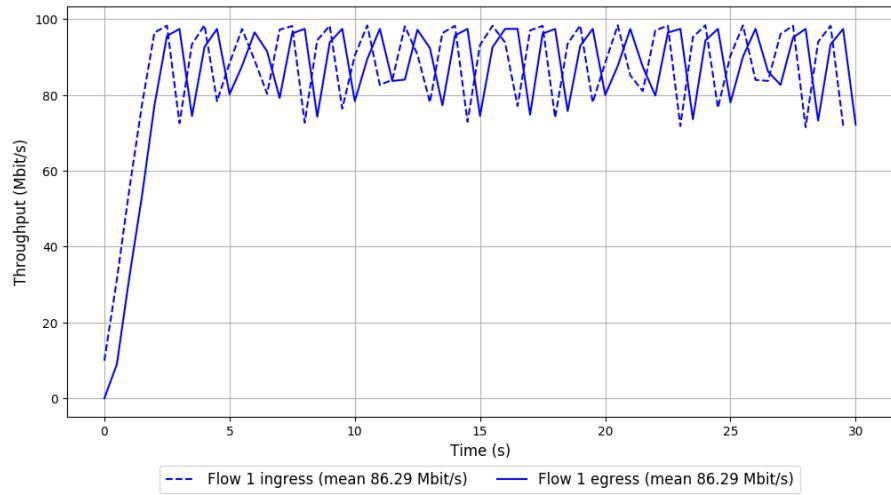


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-25 03:46:08
End at: 2018-05-25 03:46:38
Local clock offset: 1.475 ms
Remote clock offset: -0.232 ms

# Below is generated by plot.py at 2018-05-25 04:42:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.29 Mbit/s
95th percentile per-packet one-way delay: 20.574 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 86.29 Mbit/s
95th percentile per-packet one-way delay: 20.574 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

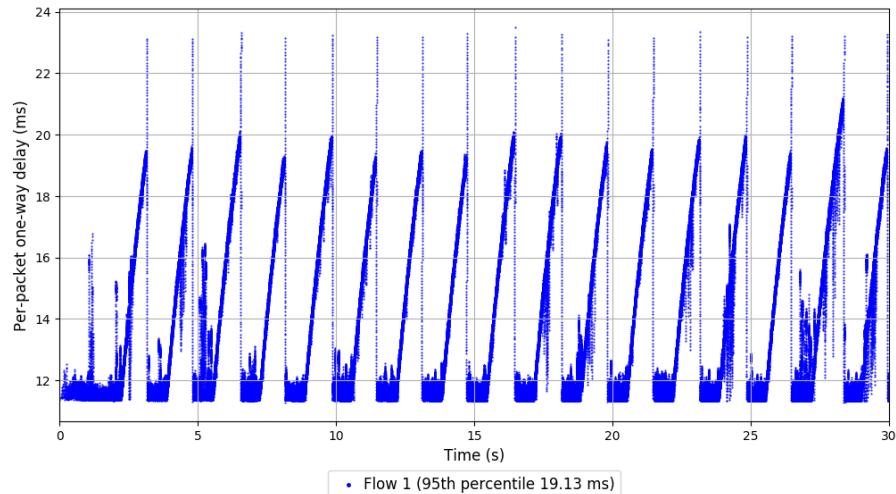
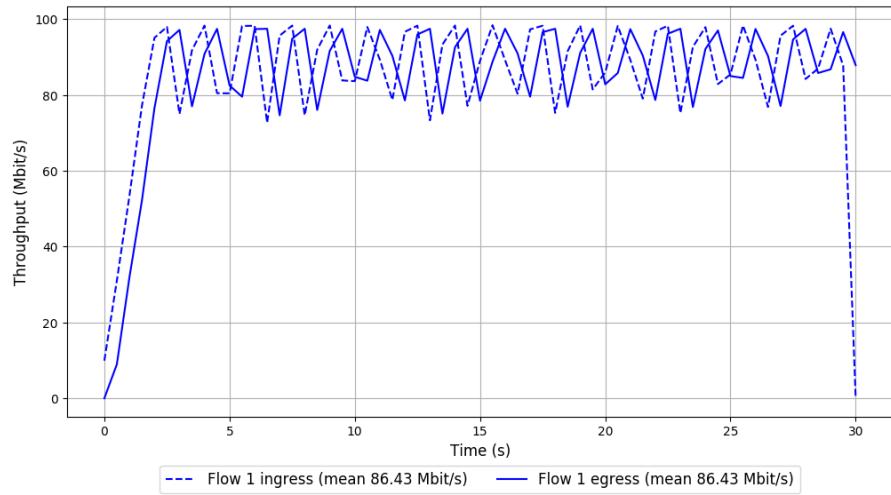


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-25 04:04:18
End at: 2018-05-25 04:04:48
Local clock offset: 2.585 ms
Remote clock offset: 1.56 ms

# Below is generated by plot.py at 2018-05-25 04:42:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 19.130 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 19.130 ms
Loss rate: 0.07%
```

Run 9: Report of LEDBAT — Data Link

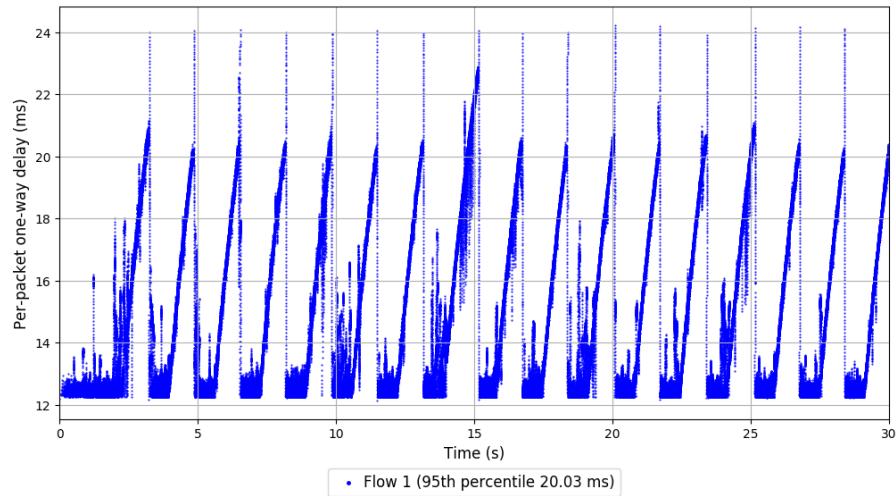
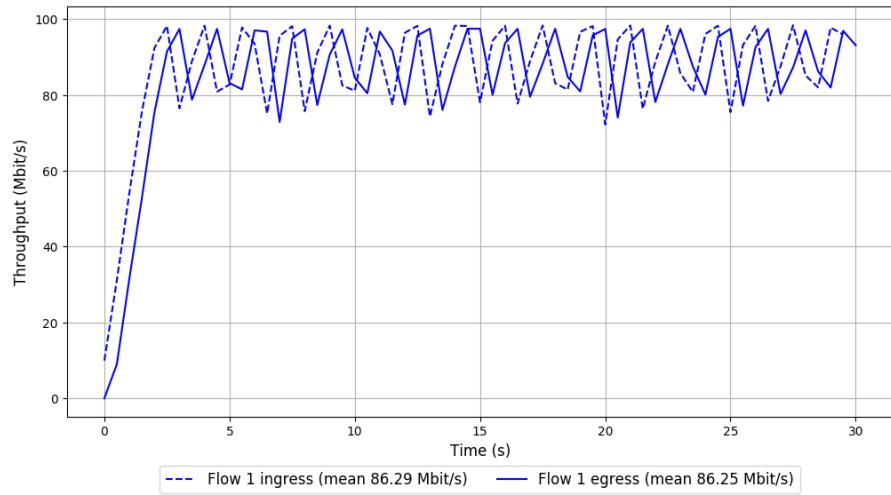


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-25 04:22:44
End at: 2018-05-25 04:23:14
Local clock offset: 3.6 ms
Remote clock offset: 1.159 ms

# Below is generated by plot.py at 2018-05-25 04:42:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 20.030 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 20.030 ms
Loss rate: 0.12%
```

Run 10: Report of LEDBAT — Data Link

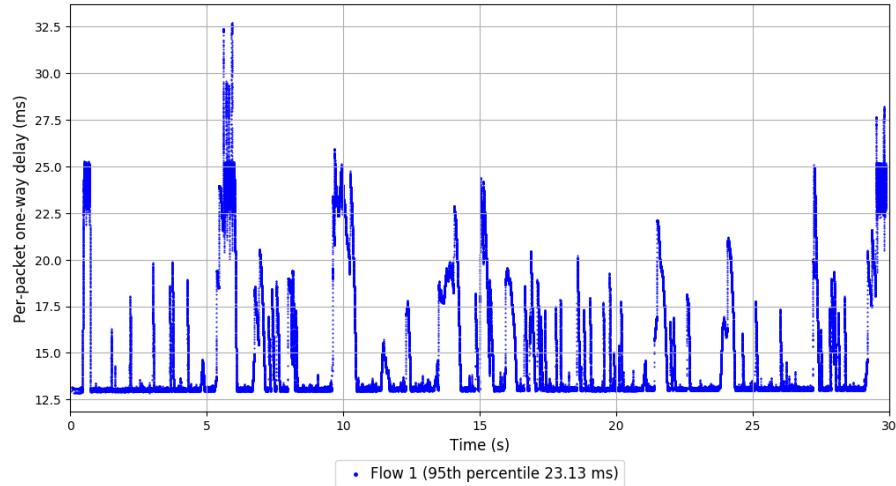
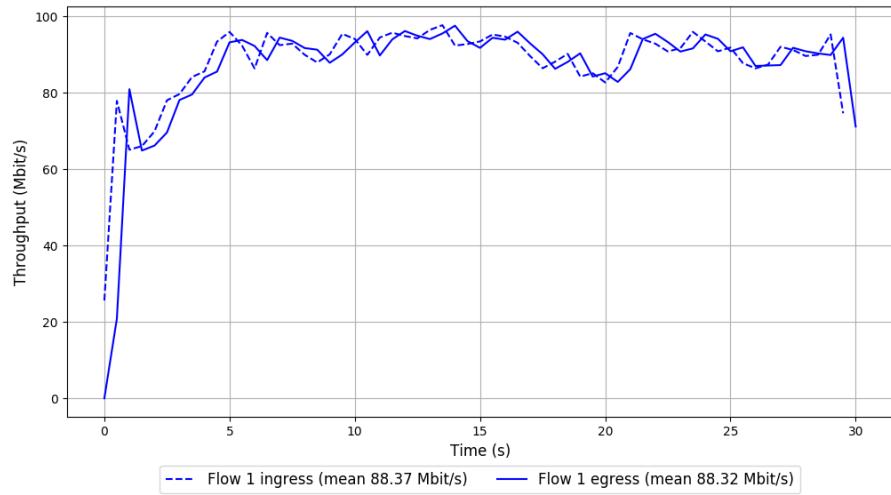


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-05-25 01:28:59
End at: 2018-05-25 01:29:29
Local clock offset: 1.817 ms
Remote clock offset: 4.016 ms

# Below is generated by plot.py at 2018-05-25 04:42:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 23.130 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 23.130 ms
Loss rate: 0.14%
```

Run 1: Report of PCC-Allegro — Data Link

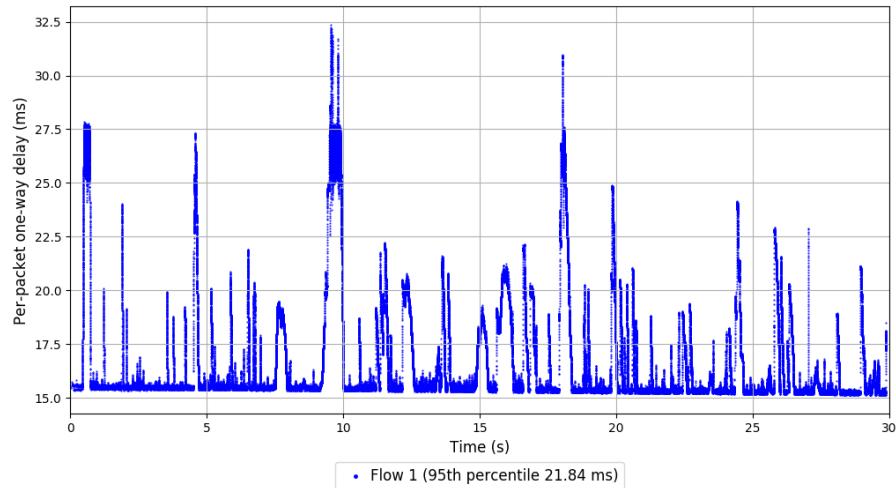
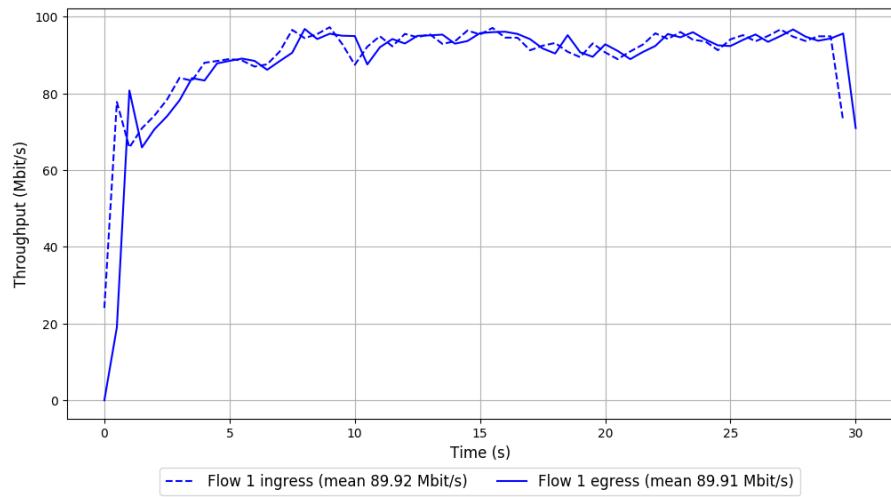


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-05-25 01:47:25
End at: 2018-05-25 01:47:55
Local clock offset: 4.75 ms
Remote clock offset: -0.661 ms

# Below is generated by plot.py at 2018-05-25 04:42:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 21.840 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 21.840 ms
Loss rate: 0.09%
```

Run 2: Report of PCC-Allegro — Data Link

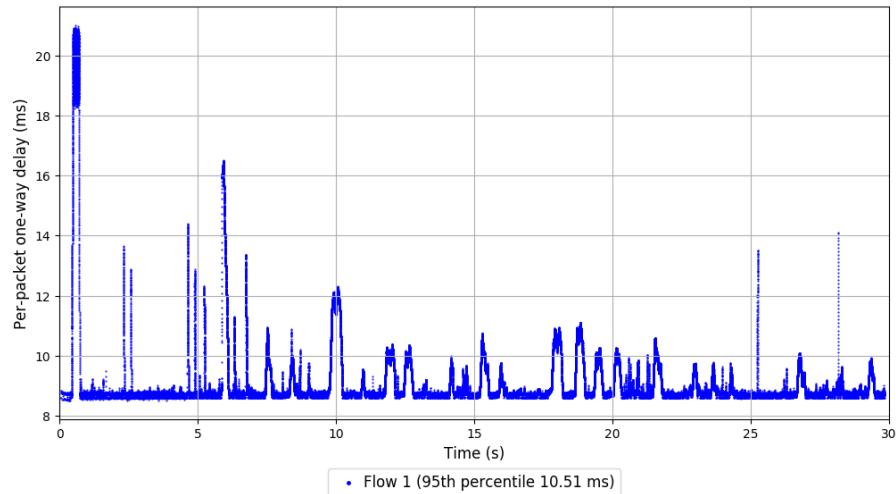
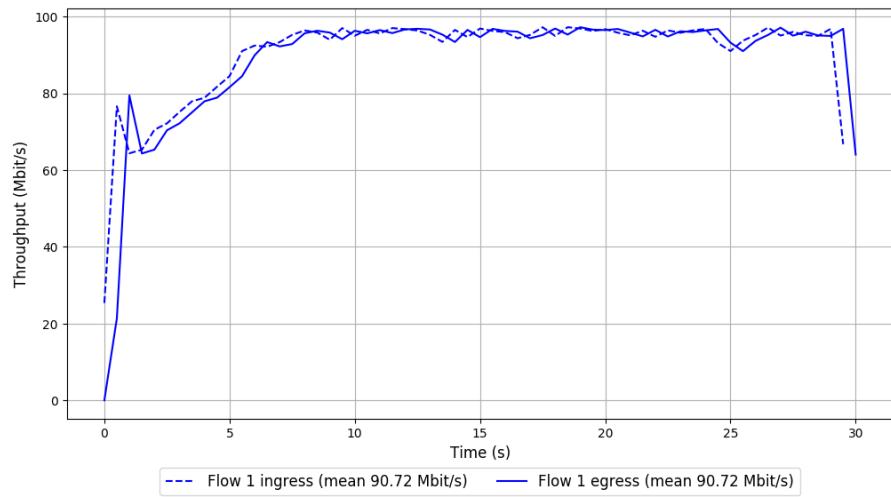


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-05-25 02:05:46
End at: 2018-05-25 02:06:16
Local clock offset: 0.09 ms
Remote clock offset: -2.092 ms

# Below is generated by plot.py at 2018-05-25 04:43:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.72 Mbit/s
95th percentile per-packet one-way delay: 10.506 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.72 Mbit/s
95th percentile per-packet one-way delay: 10.506 ms
Loss rate: 0.08%
```

Run 3: Report of PCC-Allegro — Data Link

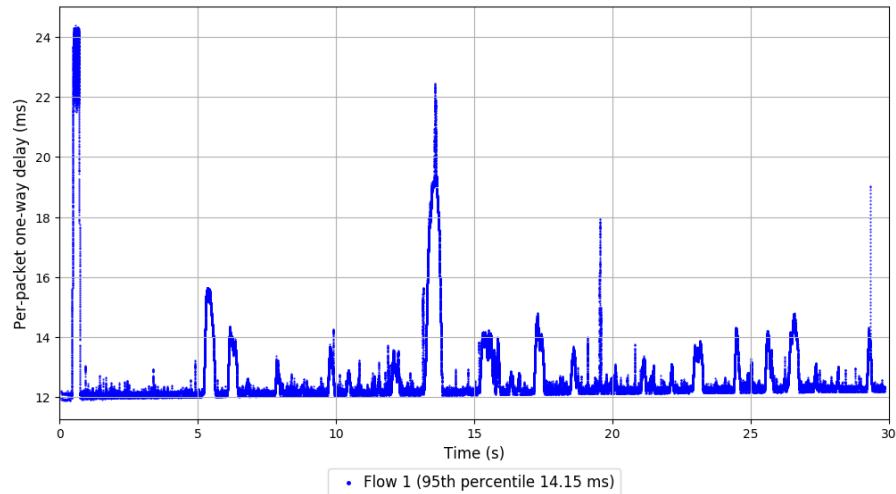
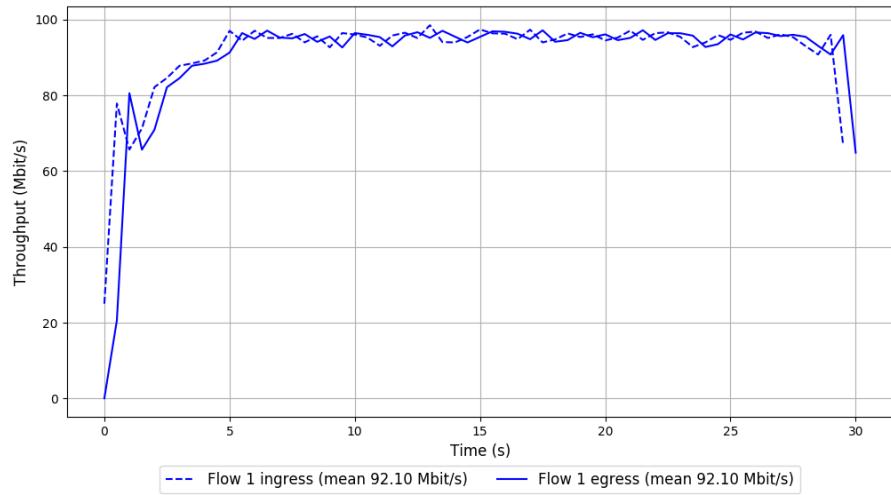


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-05-25 02:24:01
End at: 2018-05-25 02:24:31
Local clock offset: 2.827 ms
Remote clock offset: 3.462 ms

# Below is generated by plot.py at 2018-05-25 04:43:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 14.147 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 14.147 ms
Loss rate: 0.08%
```

Run 4: Report of PCC-Allegro — Data Link

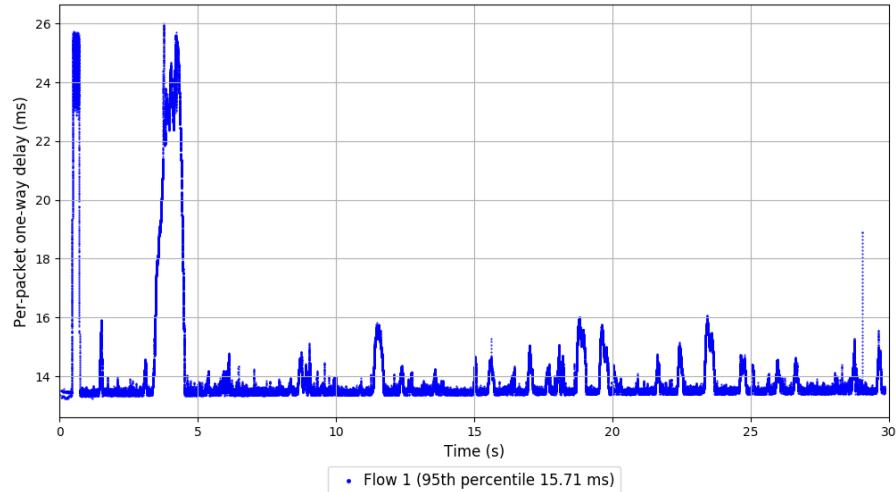
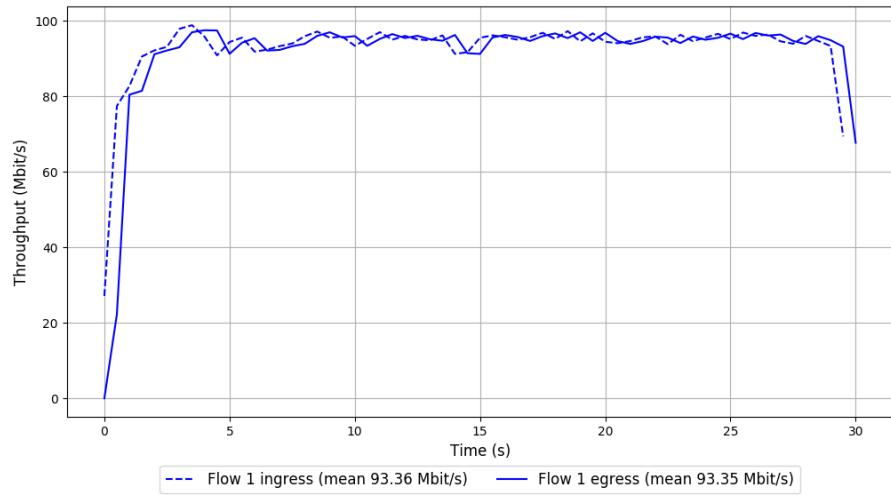


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-05-25 02:42:32
End at: 2018-05-25 02:43:02
Local clock offset: 3.643 ms
Remote clock offset: 7.579 ms

# Below is generated by plot.py at 2018-05-25 04:43:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.35 Mbit/s
95th percentile per-packet one-way delay: 15.710 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.35 Mbit/s
95th percentile per-packet one-way delay: 15.710 ms
Loss rate: 0.08%
```

Run 5: Report of PCC-Allegro — Data Link

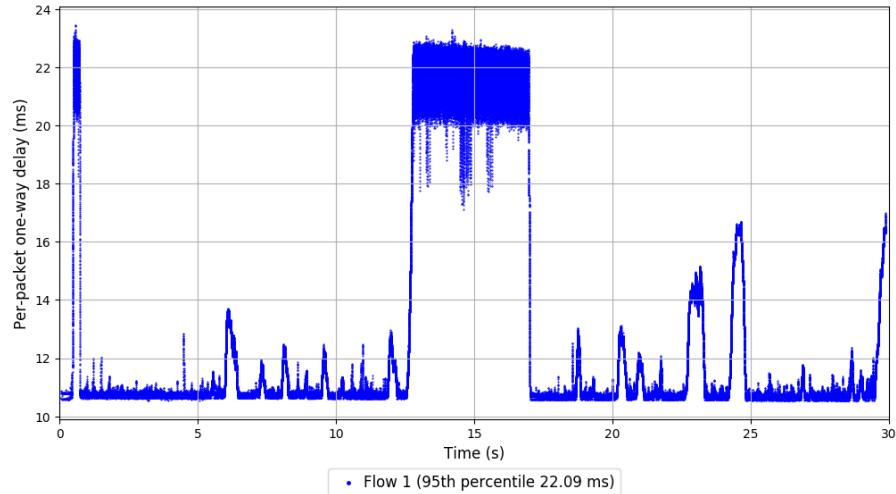
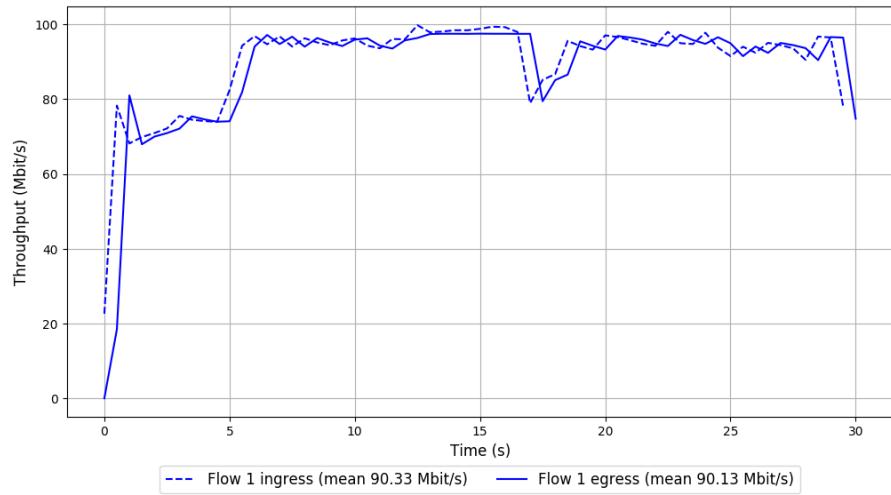


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-05-25 03:01:01
End at: 2018-05-25 03:01:31
Local clock offset: 2.341 ms
Remote clock offset: 5.068 ms

# Below is generated by plot.py at 2018-05-25 04:43:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 22.091 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 22.091 ms
Loss rate: 0.30%
```

Run 6: Report of PCC-Allegro — Data Link

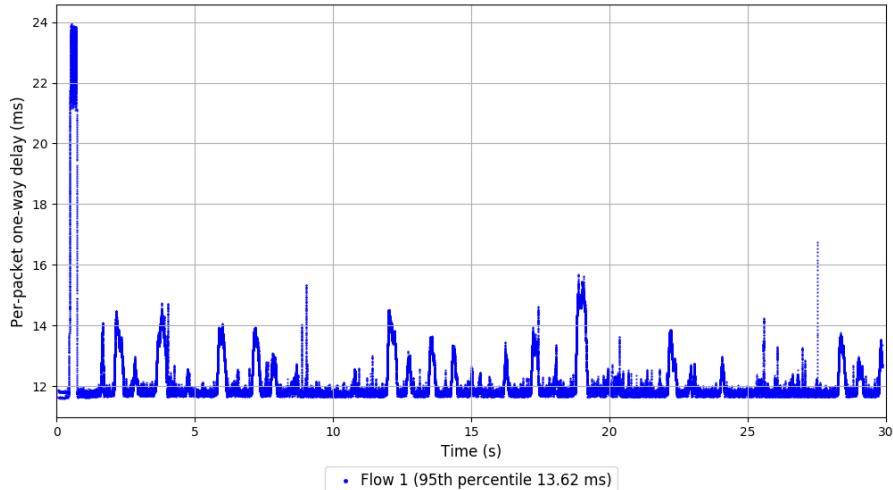
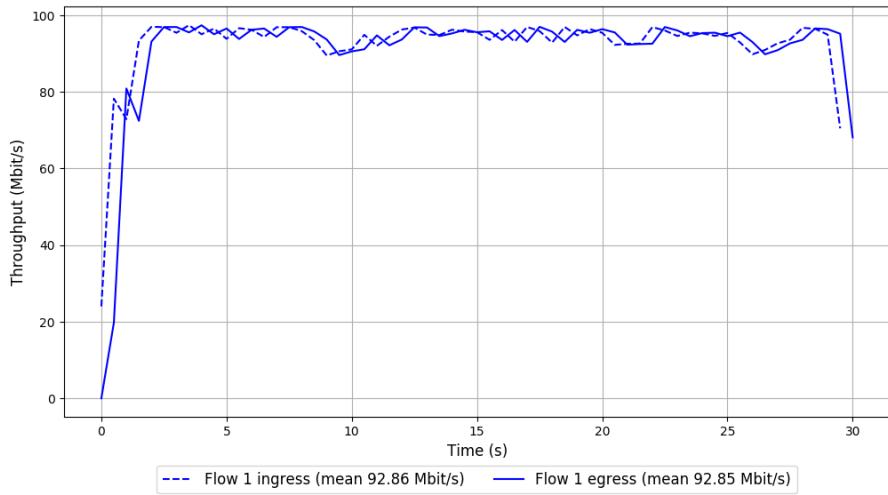


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-05-25 03:19:27
End at: 2018-05-25 03:19:57
Local clock offset: 4.104 ms
Remote clock offset: 4.287 ms

# Below is generated by plot.py at 2018-05-25 04:43:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 13.618 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 13.618 ms
Loss rate: 0.08%
```

Run 7: Report of PCC-Allegro — Data Link

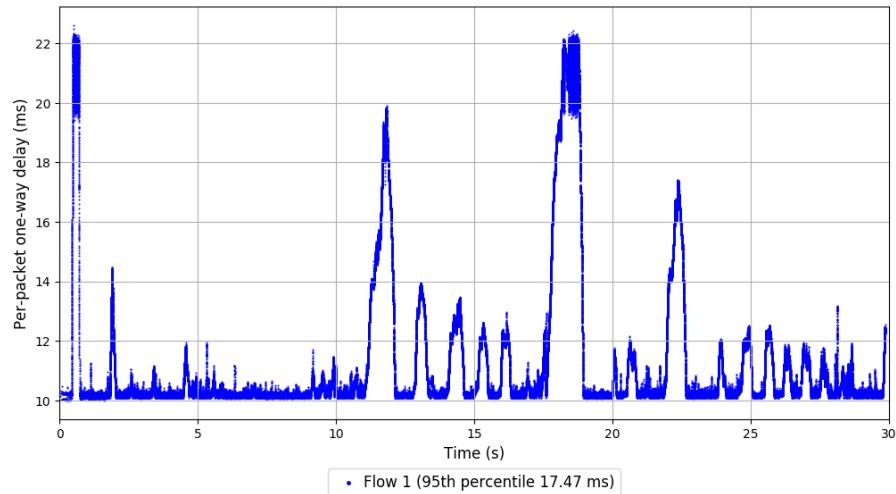
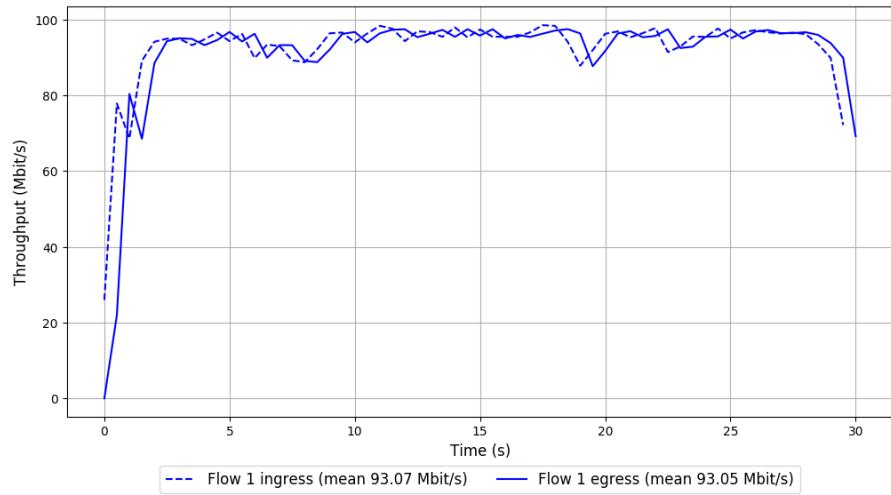


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-05-25 03:38:08
End at: 2018-05-25 03:38:38
Local clock offset: 1.223 ms
Remote clock offset: 2.239 ms

# Below is generated by plot.py at 2018-05-25 04:43:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 17.474 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 17.474 ms
Loss rate: 0.10%
```

Run 8: Report of PCC-Allegro — Data Link

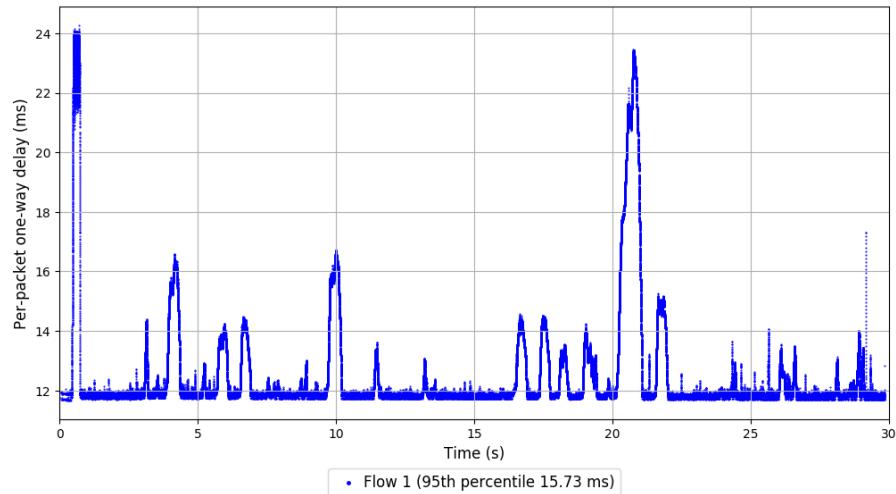
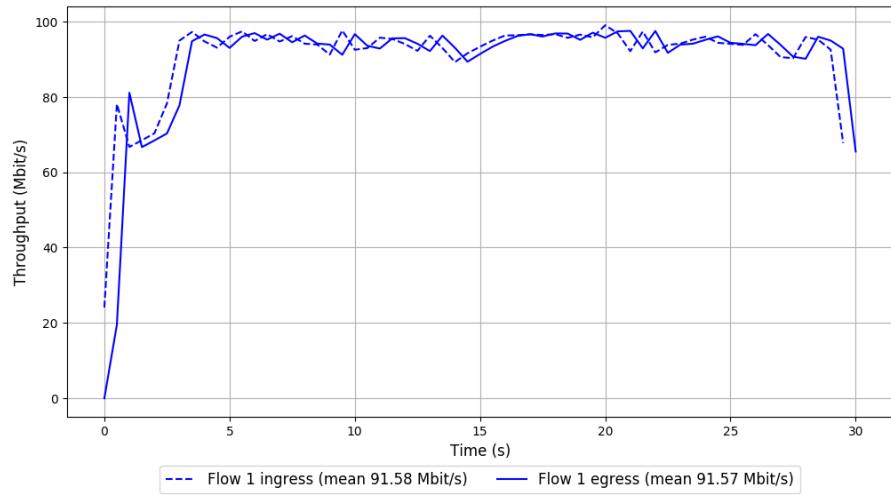


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-05-25 03:56:27
End at: 2018-05-25 03:56:57
Local clock offset: 0.847 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2018-05-25 04:43:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 15.731 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 15.731 ms
Loss rate: 0.08%
```

Run 9: Report of PCC-Allegro — Data Link

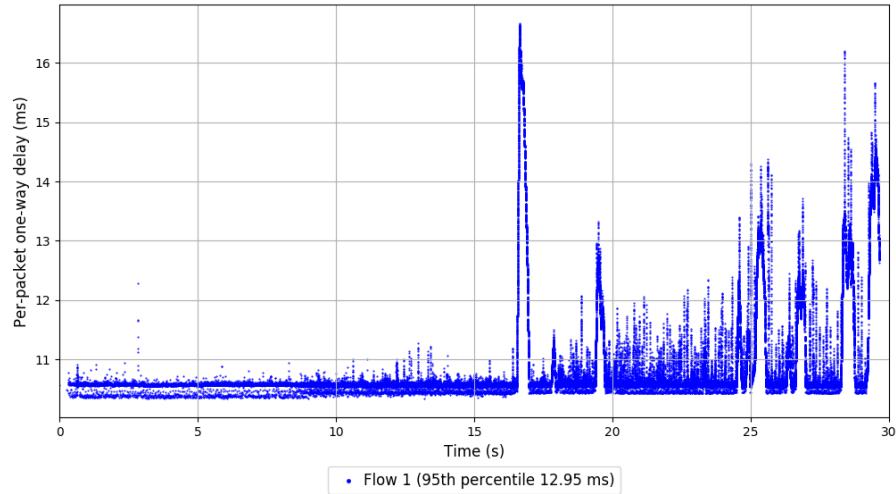
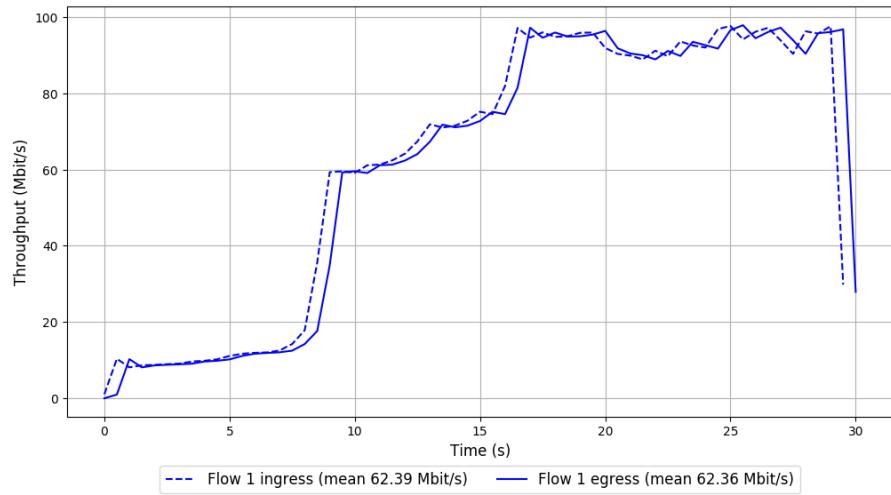


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-05-25 04:14:33
End at: 2018-05-25 04:15:03
Local clock offset: 3.114 ms
Remote clock offset: 2.556 ms

# Below is generated by plot.py at 2018-05-25 04:43:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 12.953 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 12.953 ms
Loss rate: 0.13%
```

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-25 01:34:43

End at: 2018-05-25 01:35:13

Local clock offset: 2.686 ms

Remote clock offset: 4.741 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-05-25 01:53:06
End at: 2018-05-25 01:53:36
Local clock offset: 1.744 ms
Remote clock offset: -0.492 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-05-25 02:11:24

End at: 2018-05-25 02:11:54

Local clock offset: -0.298 ms

Remote clock offset: -6.312 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-05-25 02:29:42

End at: 2018-05-25 02:30:12

Local clock offset: 1.129 ms

Remote clock offset: 2.913 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of PCC-Expr

Start at: 2018-05-25 02:48:17

End at: 2018-05-25 02:48:47

Local clock offset: 3.002 ms

Remote clock offset: 9.094 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of PCC-Expr

Start at: 2018-05-25 03:06:44

End at: 2018-05-25 03:07:14

Local clock offset: 3.018 ms

Remote clock offset: 3.766 ms

Run 6: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC-Expr

Start at: 2018-05-25 03:25:16

End at: 2018-05-25 03:25:46

Local clock offset: 2.647 ms

Remote clock offset: 1.647 ms

Run 7: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC-Expr

Start at: 2018-05-25 03:43:55

End at: 2018-05-25 03:44:25

Local clock offset: 0.328 ms

Remote clock offset: -0.624 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-05-25 04:02:05

End at: 2018-05-25 04:02:35

Local clock offset: 2.941 ms

Remote clock offset: -0.604 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of PCC-Expr

Start at: 2018-05-25 04:20:31

End at: 2018-05-25 04:21:01

Local clock offset: 1.778 ms

Remote clock offset: -0.733 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

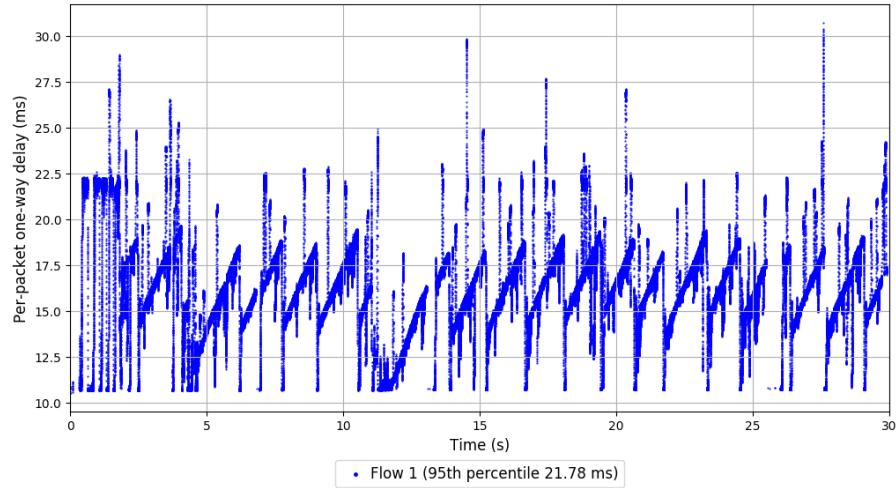
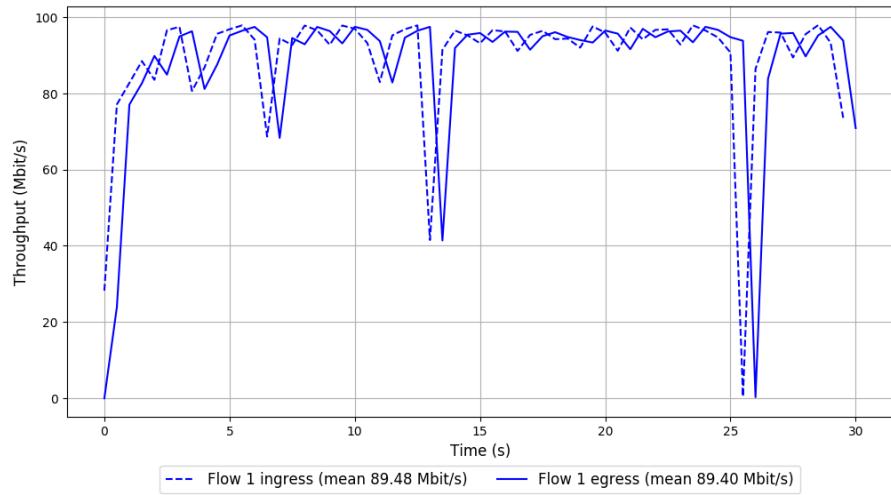
Figure is missing

Run 1: Statistics of QUIC Cubic

```
Start at: 2018-05-25 01:25:33
End at: 2018-05-25 01:26:03
Local clock offset: 1.128 ms
Remote clock offset: 5.294 ms

# Below is generated by plot.py at 2018-05-25 04:44:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 21.784 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 21.784 ms
Loss rate: 0.16%
```

Run 1: Report of QUIC Cubic — Data Link

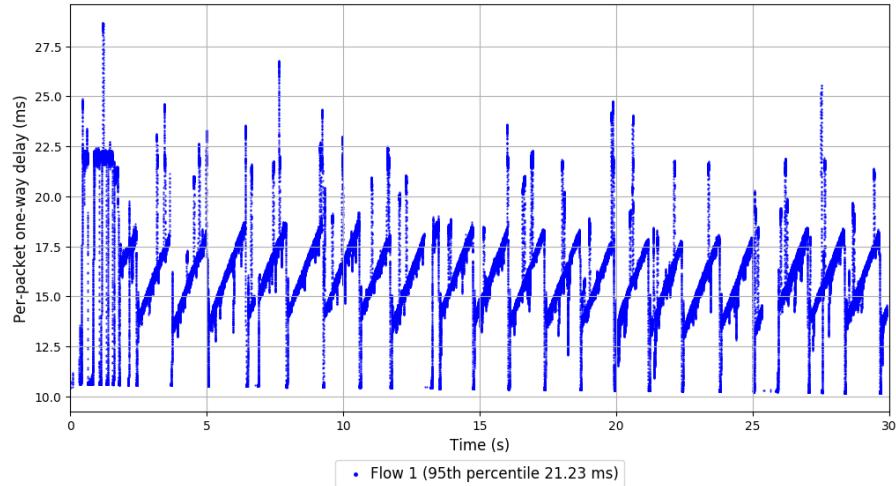
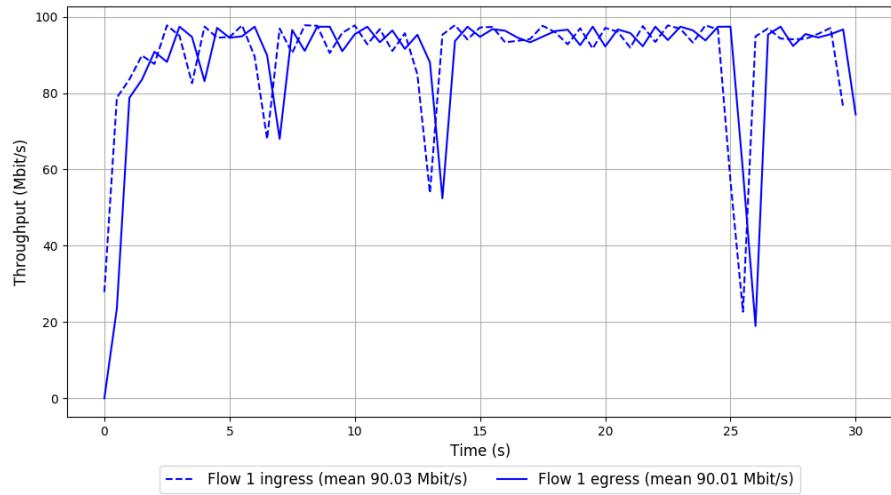


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-25 01:44:00
End at: 2018-05-25 01:44:30
Local clock offset: 2.277 ms
Remote clock offset: 4.425 ms

# Below is generated by plot.py at 2018-05-25 04:44:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 21.227 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 21.227 ms
Loss rate: 0.11%
```

Run 2: Report of QUIC Cubic — Data Link

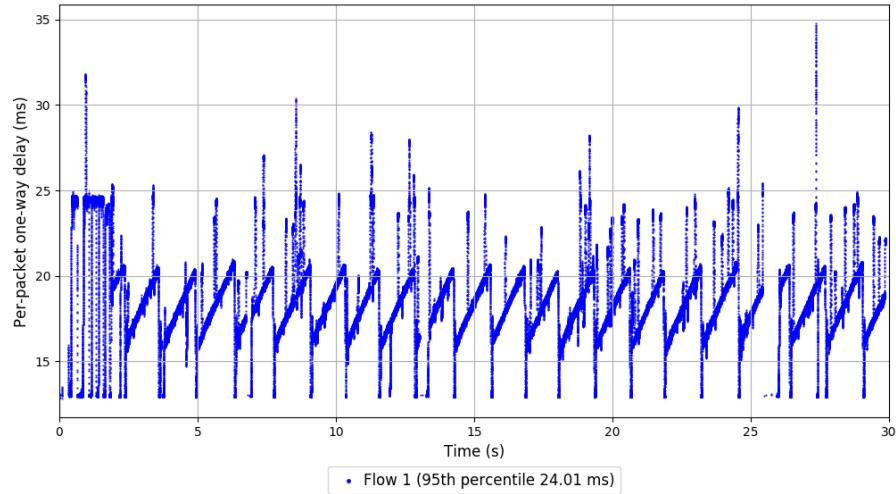
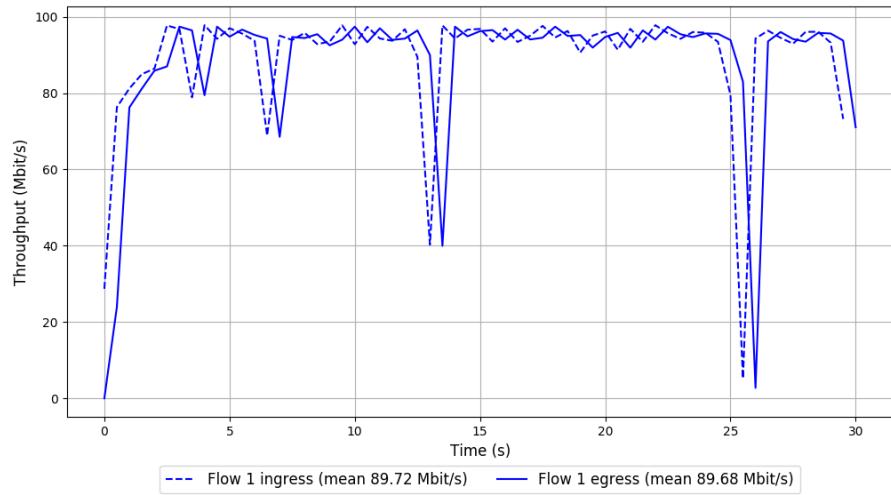


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-25 02:02:22
End at: 2018-05-25 02:02:52
Local clock offset: 2.315 ms
Remote clock offset: -3.982 ms

# Below is generated by plot.py at 2018-05-25 04:44:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 24.014 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 24.014 ms
Loss rate: 0.12%
```

Run 3: Report of QUIC Cubic — Data Link

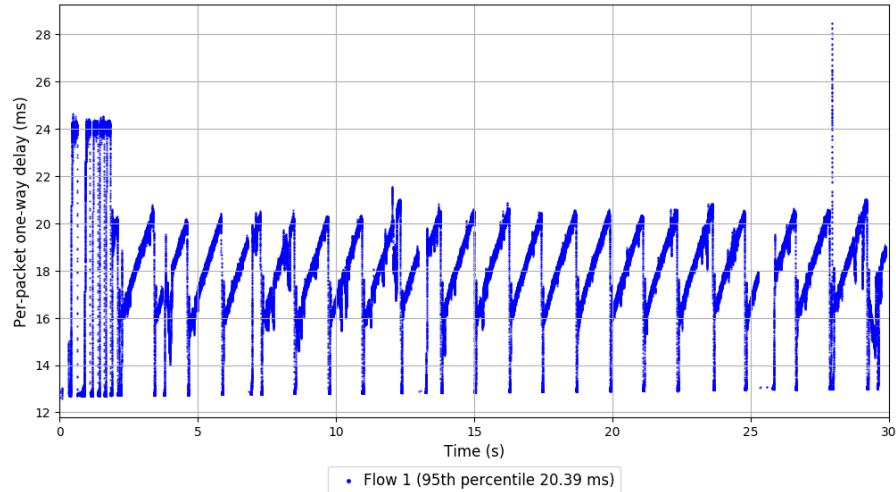
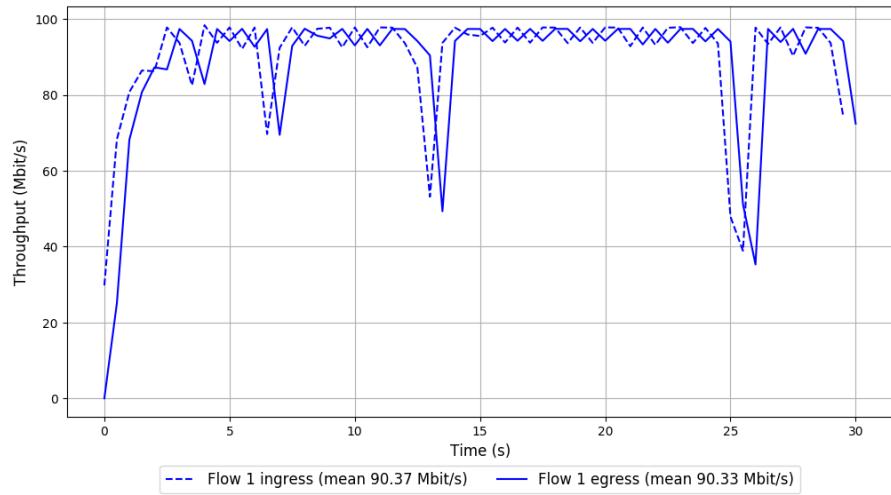


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-25 02:20:37
End at: 2018-05-25 02:21:07
Local clock offset: 2.766 ms
Remote clock offset: 0.895 ms

# Below is generated by plot.py at 2018-05-25 04:45:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 20.395 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 20.395 ms
Loss rate: 0.11%
```

Run 4: Report of QUIC Cubic — Data Link

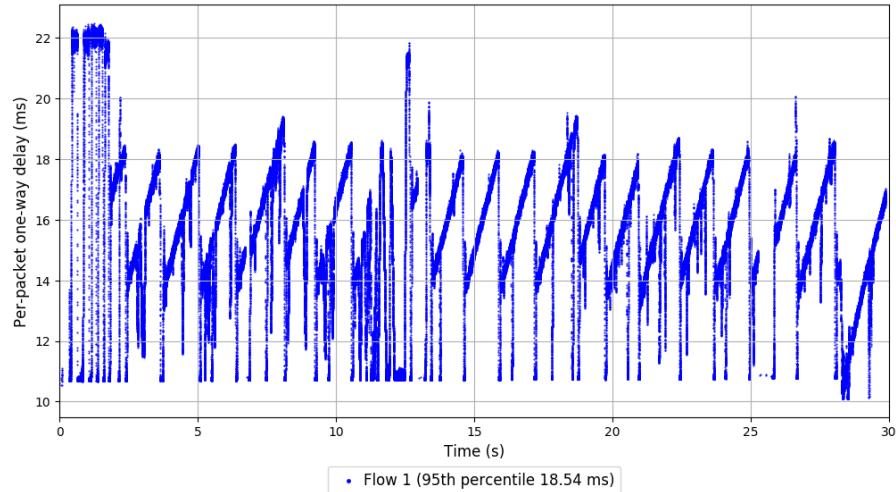
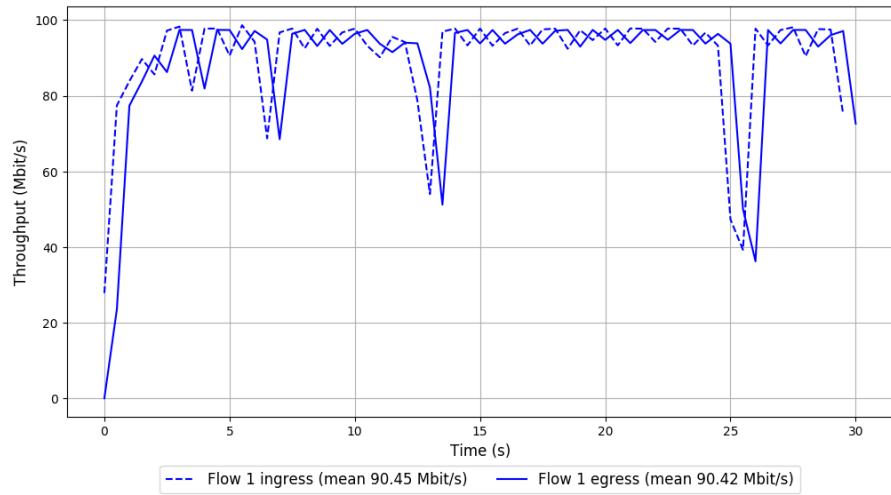


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-25 02:39:06
End at: 2018-05-25 02:39:36
Local clock offset: -0.043 ms
Remote clock offset: 6.746 ms

# Below is generated by plot.py at 2018-05-25 04:45:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 18.543 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 18.543 ms
Loss rate: 0.11%
```

Run 5: Report of QUIC Cubic — Data Link

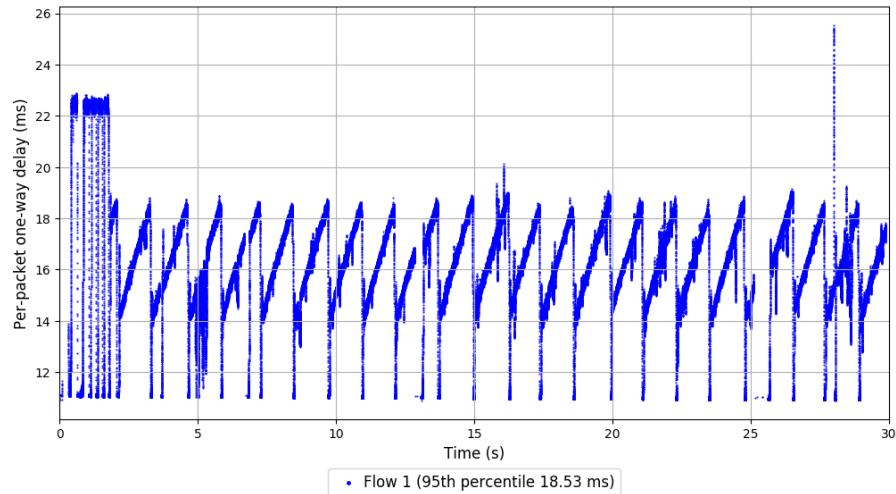
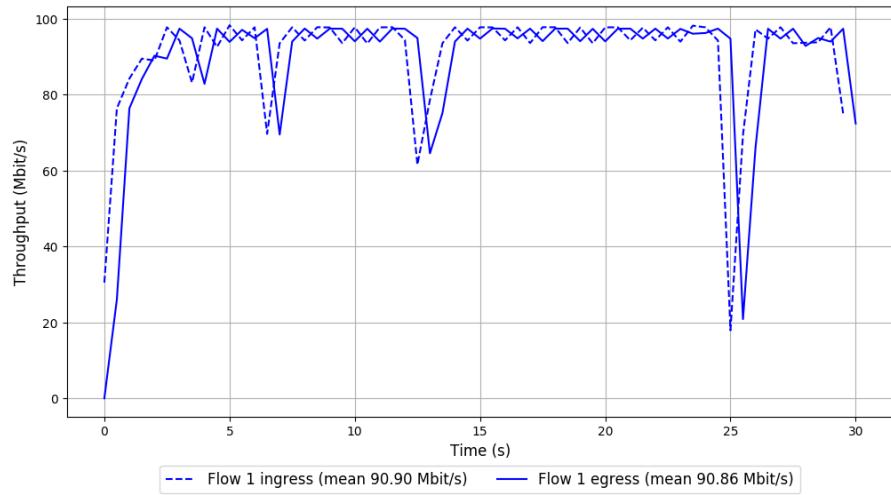


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-25 02:57:35
End at: 2018-05-25 02:58:05
Local clock offset: 1.465 ms
Remote clock offset: 4.774 ms

# Below is generated by plot.py at 2018-05-25 04:45:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 18.534 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 18.534 ms
Loss rate: 0.12%
```

Run 6: Report of QUIC Cubic — Data Link

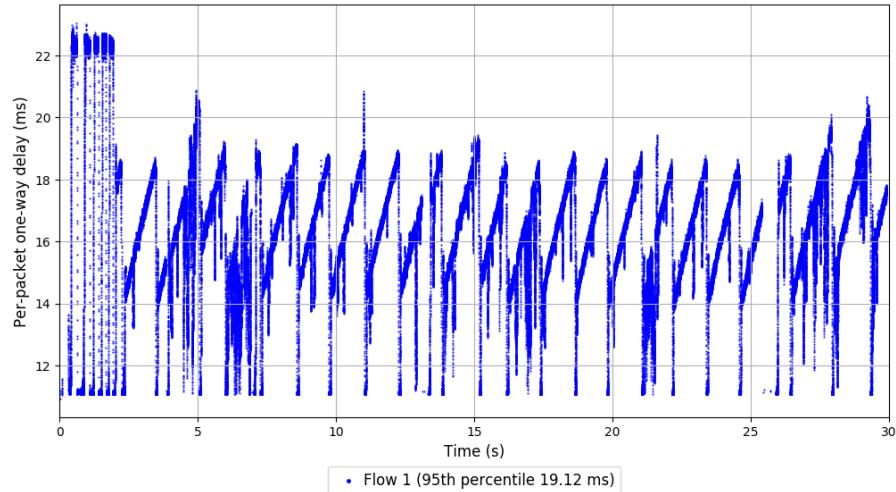
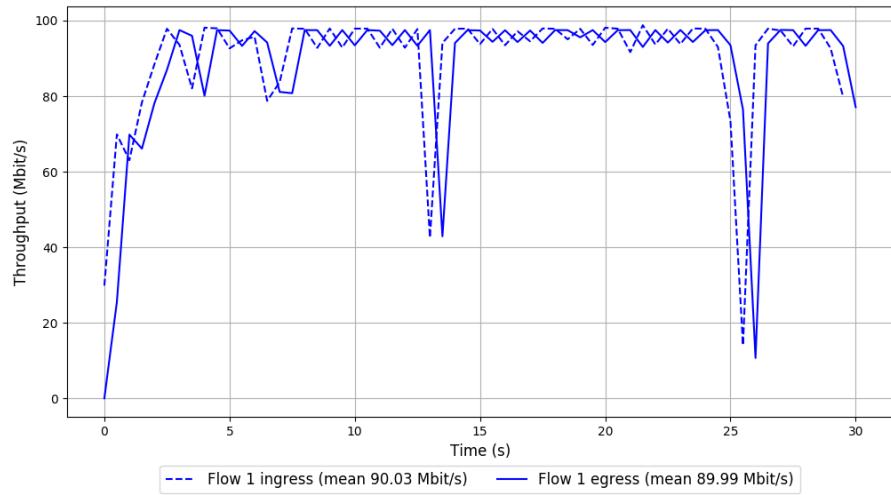


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-25 03:15:59
End at: 2018-05-25 03:16:29
Local clock offset: 1.501 ms
Remote clock offset: 2.392 ms

# Below is generated by plot.py at 2018-05-25 04:45:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 19.124 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 19.124 ms
Loss rate: 0.12%
```

Run 7: Report of QUIC Cubic — Data Link

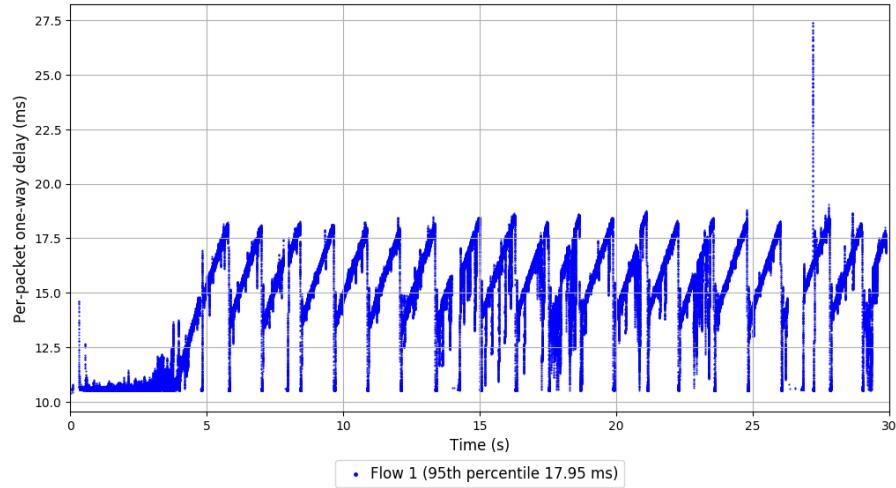
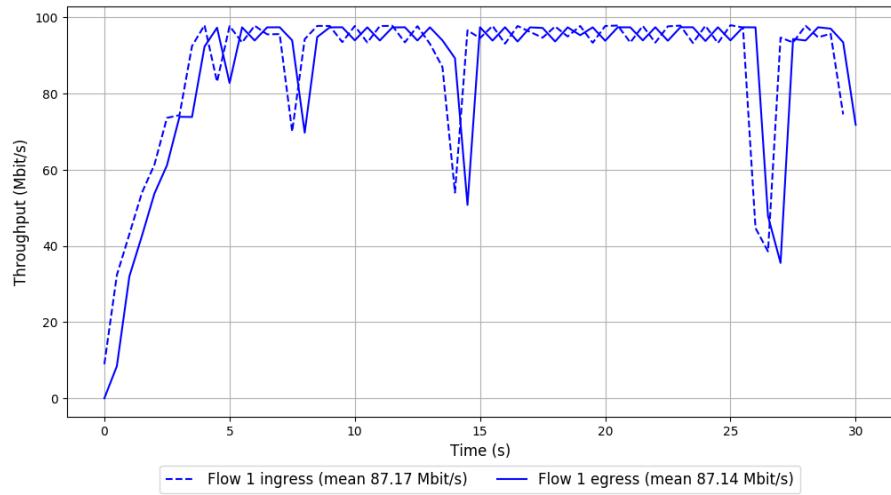


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-25 03:34:43
End at: 2018-05-25 03:35:13
Local clock offset: 1.154 ms
Remote clock offset: 1.782 ms

# Below is generated by plot.py at 2018-05-25 04:45:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 17.953 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 17.953 ms
Loss rate: 0.12%
```

Run 8: Report of QUIC Cubic — Data Link

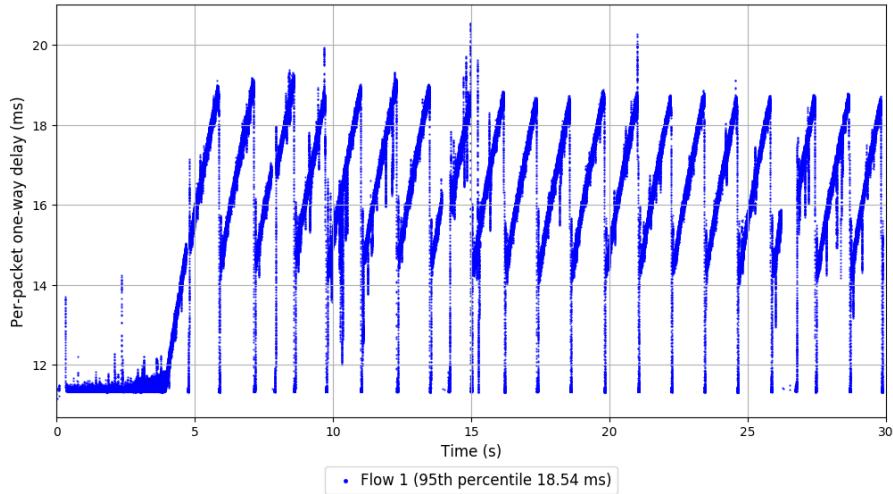
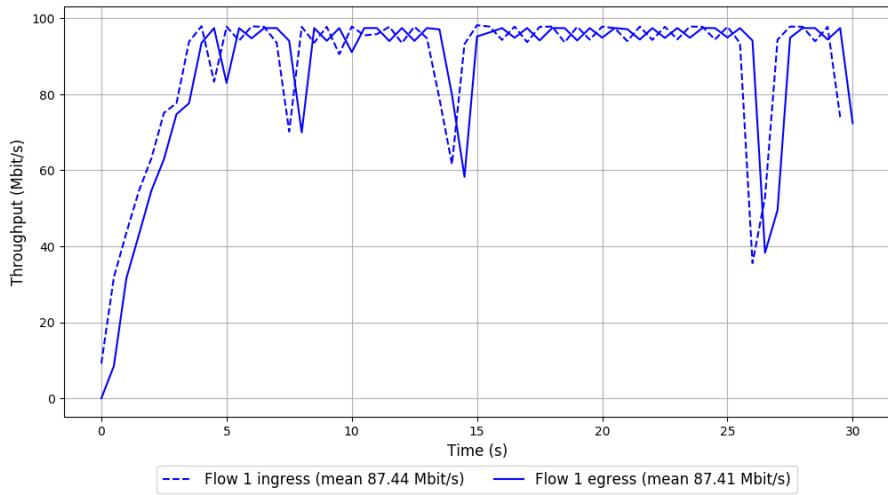


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-25 03:53:05
End at: 2018-05-25 03:53:35
Local clock offset: 0.696 ms
Remote clock offset: 0.524 ms

# Below is generated by plot.py at 2018-05-25 04:46:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 18.542 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 18.542 ms
Loss rate: 0.10%
```

Run 9: Report of QUIC Cubic — Data Link

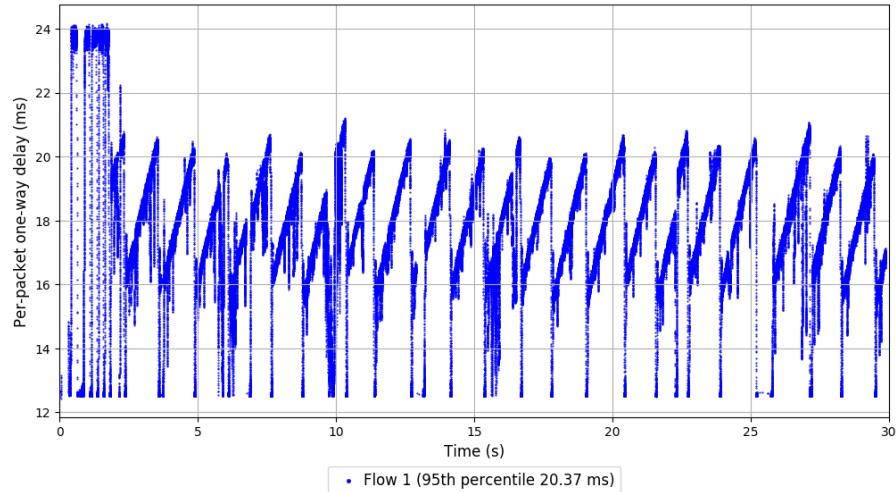
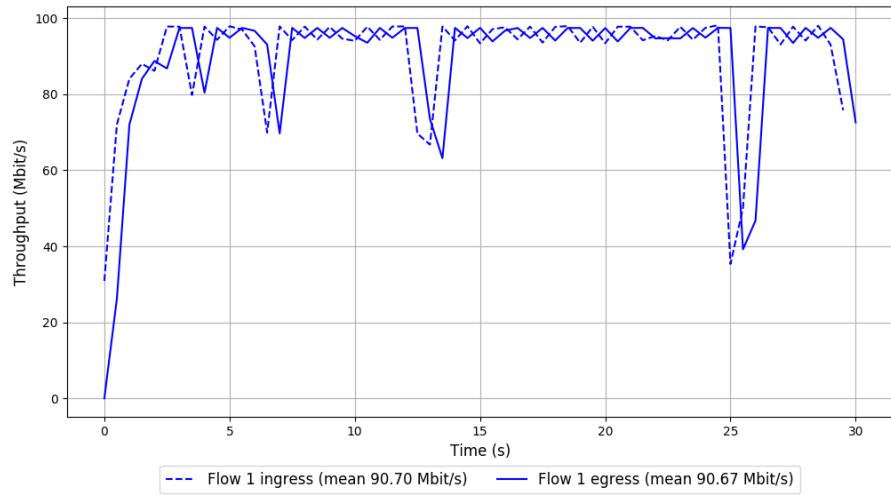


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-25 04:11:11
End at: 2018-05-25 04:11:41
Local clock offset: 4.104 ms
Remote clock offset: 1.635 ms

# Below is generated by plot.py at 2018-05-25 04:46:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 20.373 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 20.373 ms
Loss rate: 0.11%
```

Run 10: Report of QUIC Cubic — Data Link

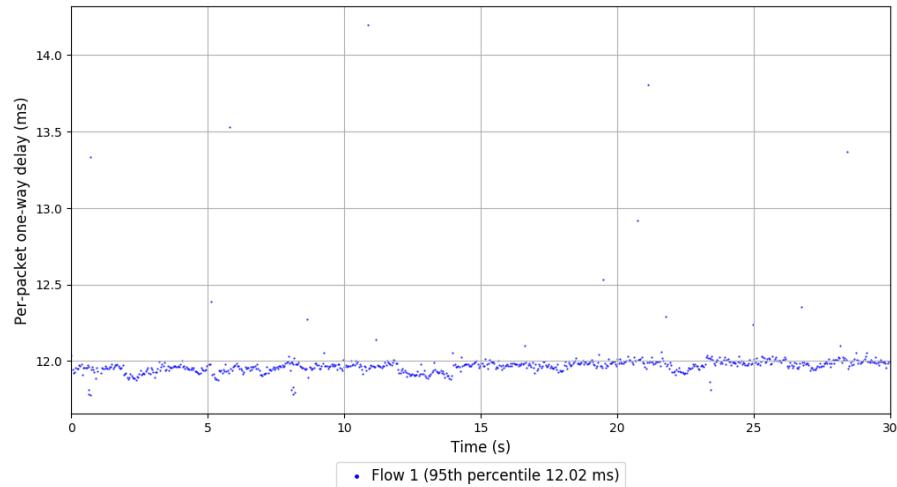
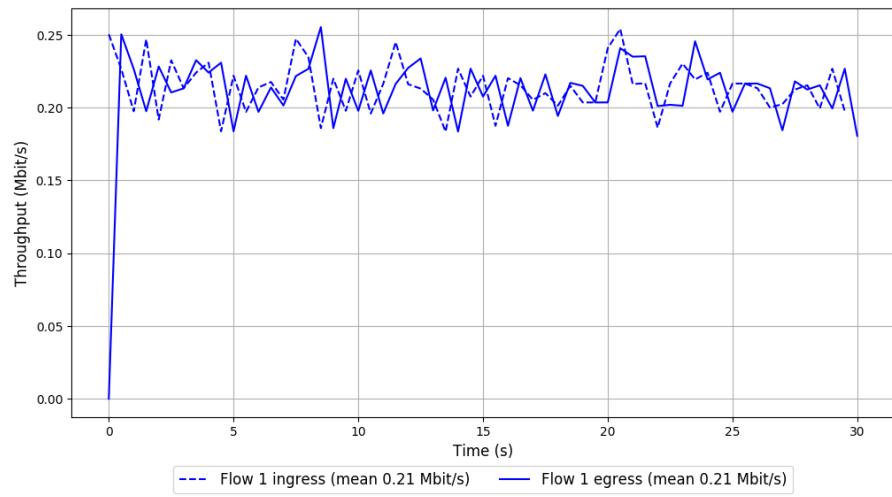


```
Run 1: Statistics of SCReAM

Start at: 2018-05-25 01:27:55
End at: 2018-05-25 01:28:25
Local clock offset: 1.872 ms
Remote clock offset: 5.131 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.024 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.024 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

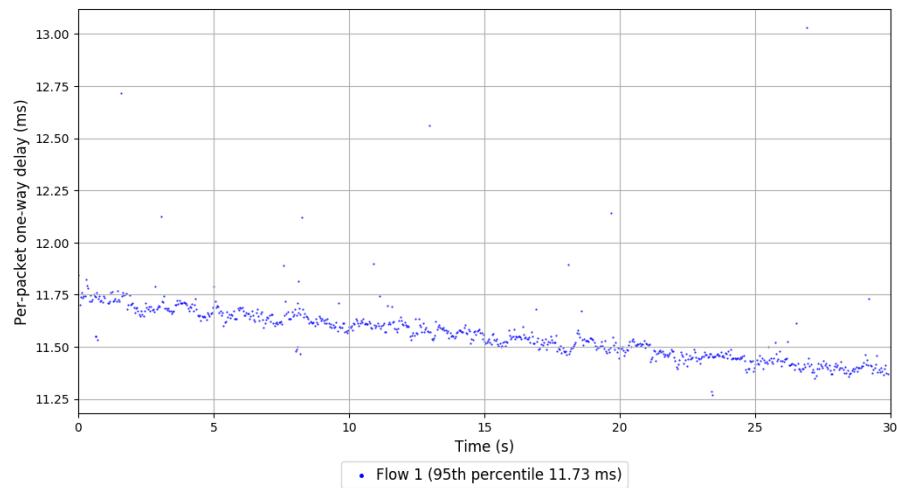
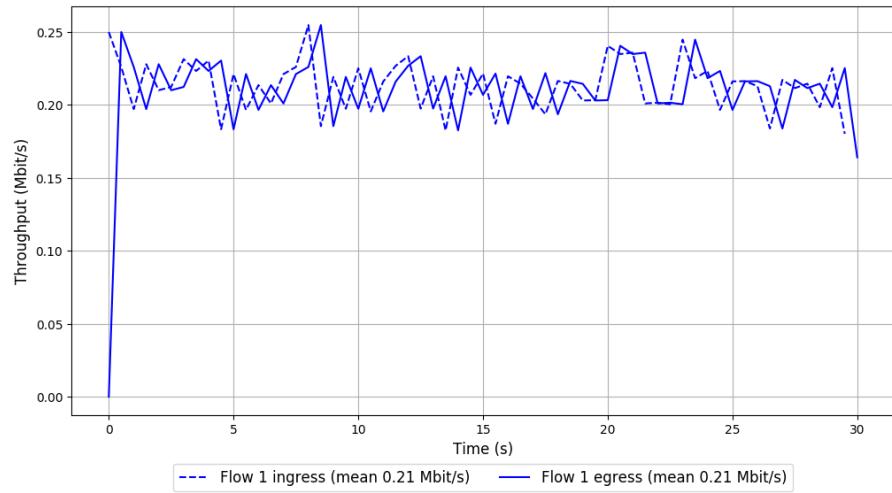


Run 2: Statistics of SCReAM

```
Start at: 2018-05-25 01:46:21
End at: 2018-05-25 01:46:51
Local clock offset: 2.153 ms
Remote clock offset: 1.336 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.735 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.735 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

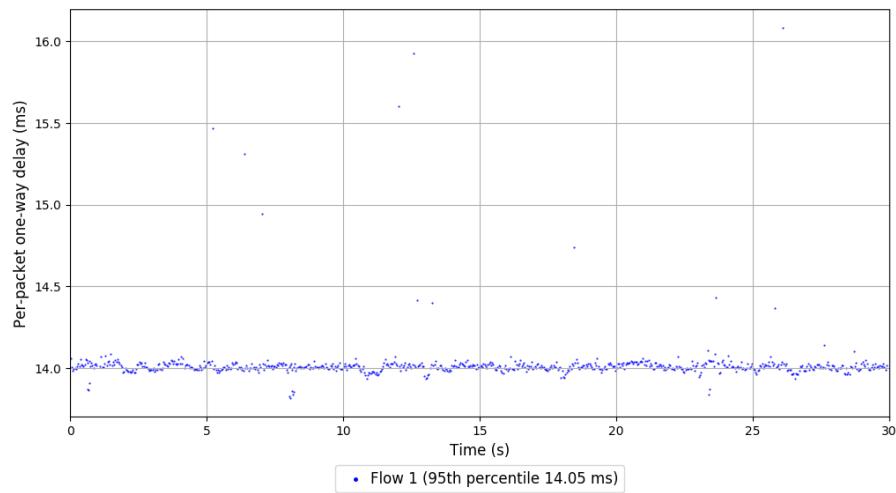
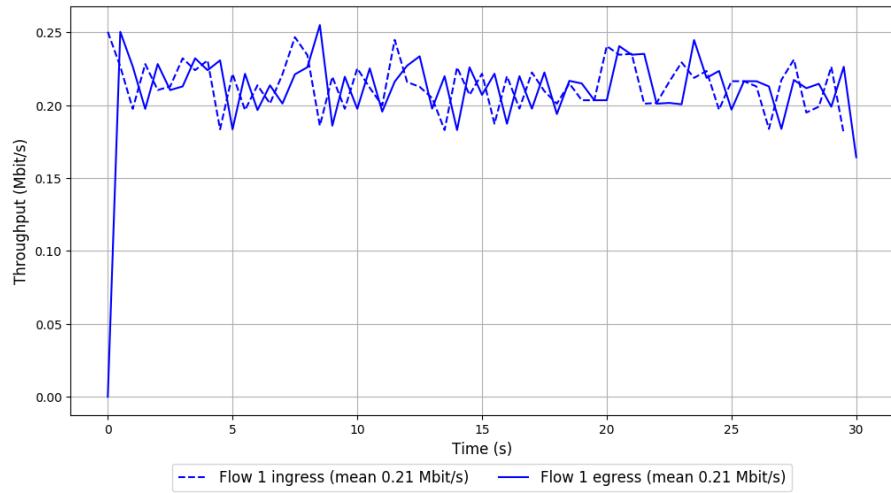


Run 3: Statistics of SCReAM

```
Start at: 2018-05-25 02:04:42
End at: 2018-05-25 02:05:12
Local clock offset: 3.75 ms
Remote clock offset: -3.625 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.050 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.050 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

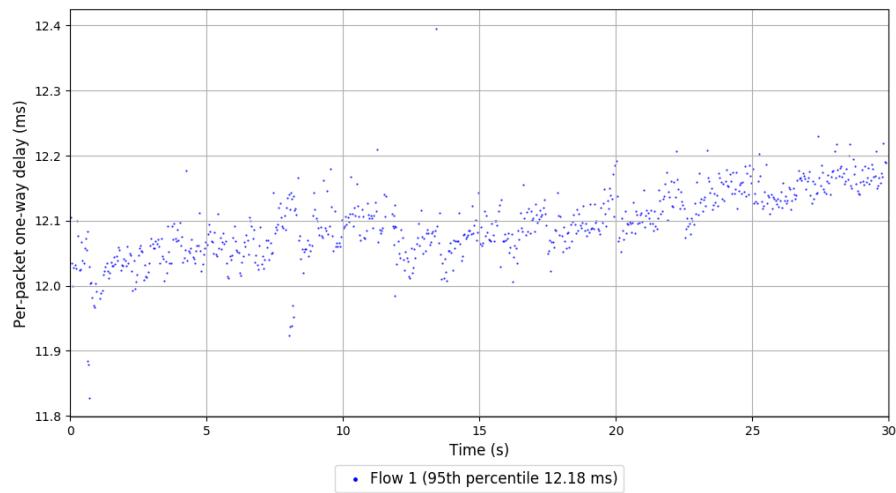
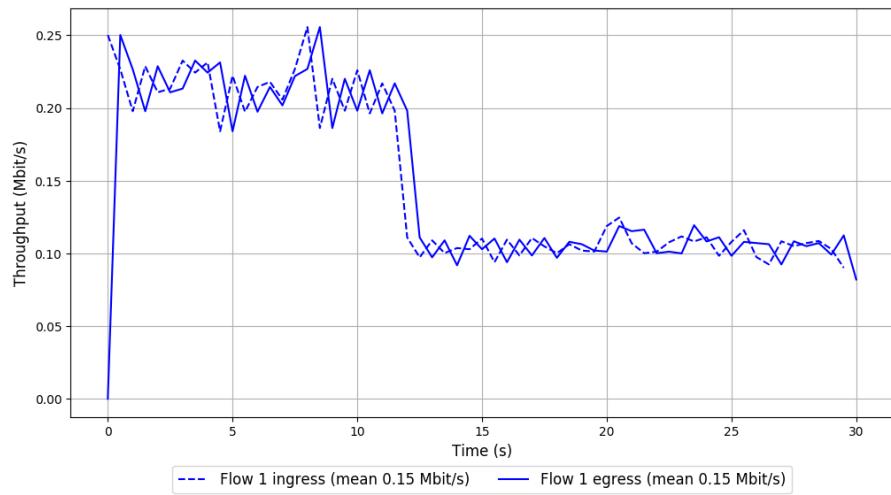


Run 4: Statistics of SCReAM

```
Start at: 2018-05-25 02:22:57
End at: 2018-05-25 02:23:27
Local clock offset: 2.078 ms
Remote clock offset: 2.332 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 12.175 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 12.175 ms
Loss rate: 0.09%
```

Run 4: Report of SCReAM — Data Link

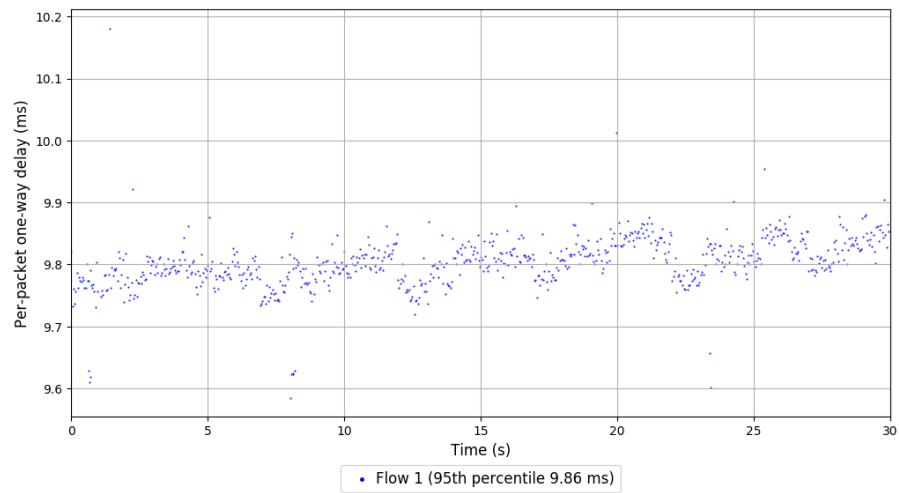
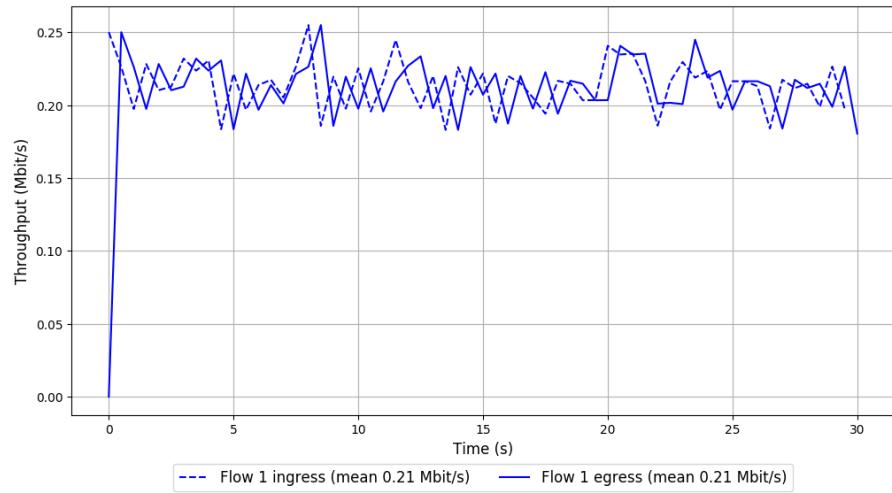


Run 5: Statistics of SCReAM

```
Start at: 2018-05-25 02:41:28
End at: 2018-05-25 02:41:58
Local clock offset: -0.155 ms
Remote clock offset: 7.377 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.858 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.858 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

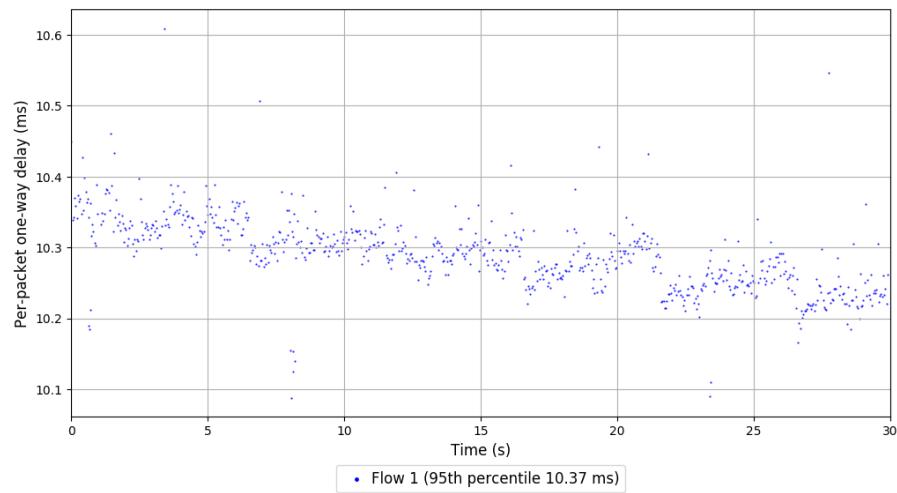
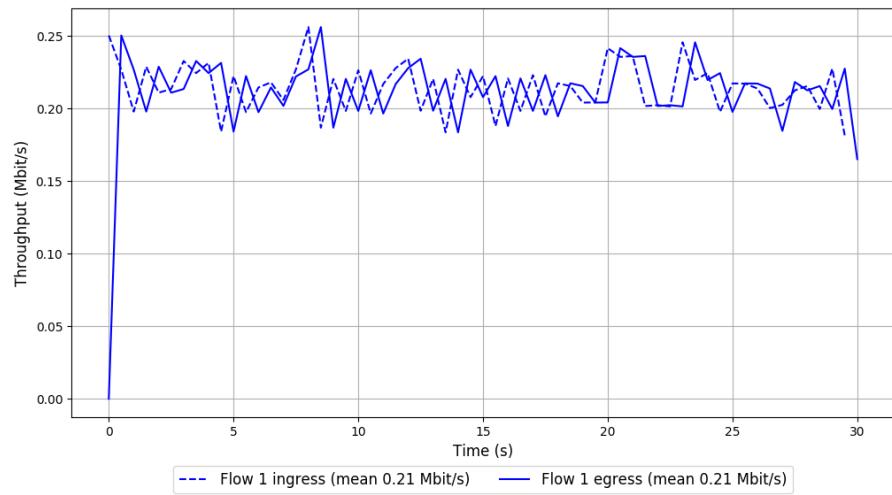


Run 6: Statistics of SCReAM

```
Start at: 2018-05-25 02:59:56
End at: 2018-05-25 03:00:26
Local clock offset: 1.556 ms
Remote clock offset: 5.008 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.367 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.367 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

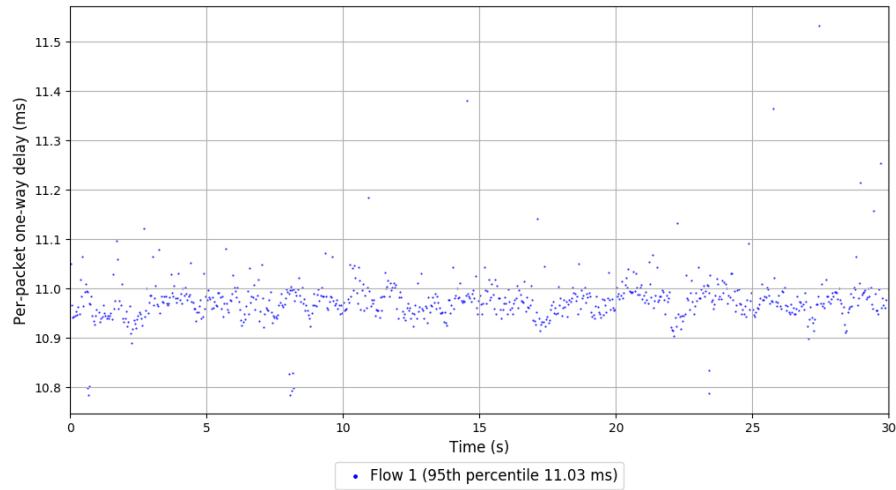
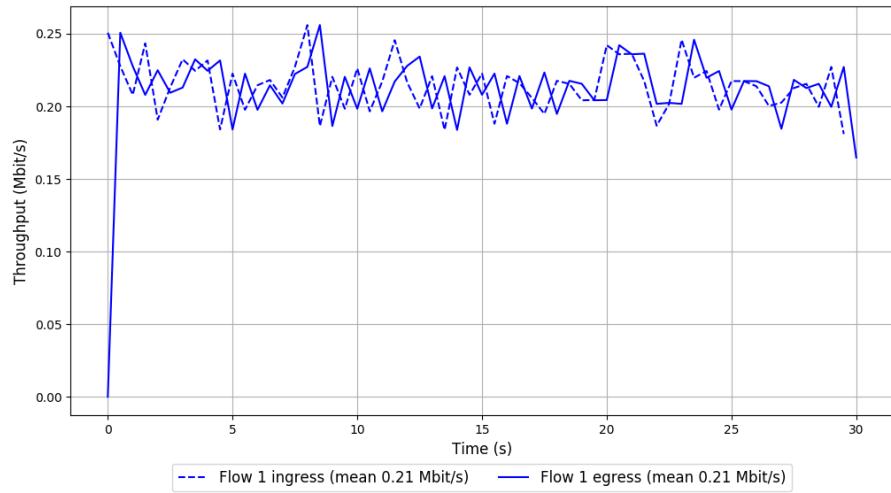


Run 7: Statistics of SCReAM

```
Start at: 2018-05-25 03:18:23
End at: 2018-05-25 03:18:53
Local clock offset: 2.772 ms
Remote clock offset: 3.846 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.032 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.032 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

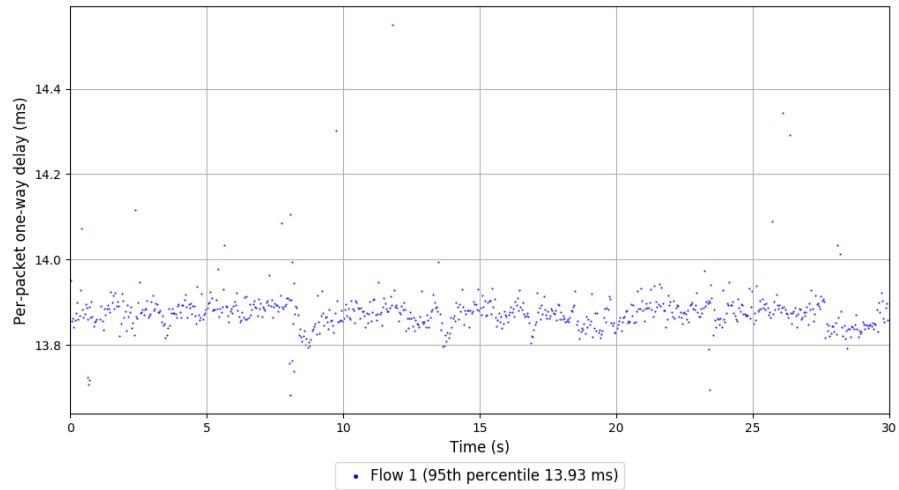
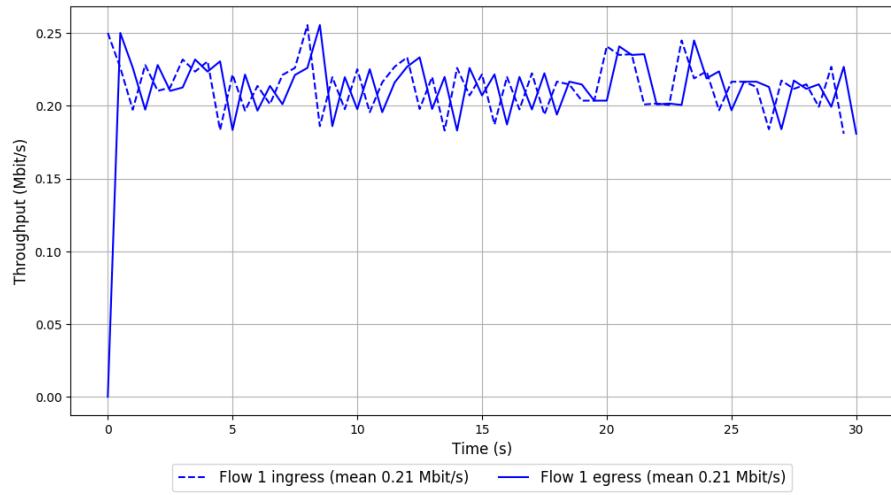


Run 8: Statistics of SCReAM

```
Start at: 2018-05-25 03:37:04
End at: 2018-05-25 03:37:34
Local clock offset: 2.774 ms
Remote clock offset: 0.168 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.928 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

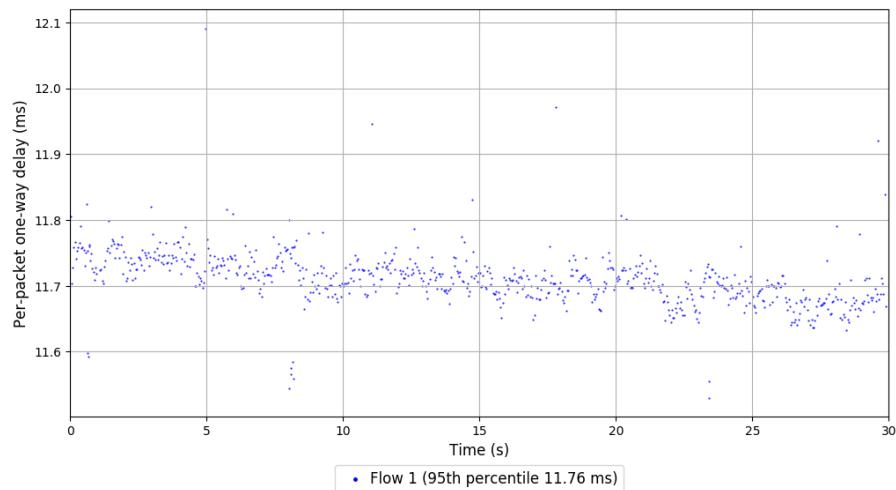
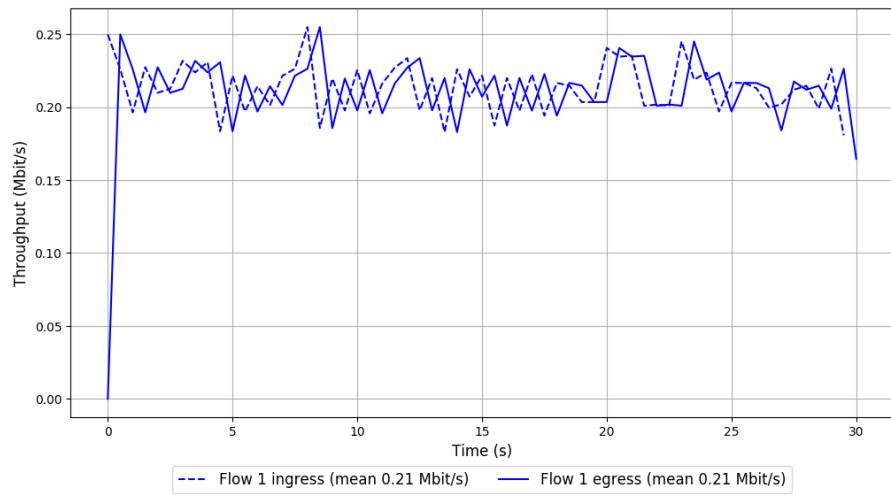


Run 9: Statistics of SCReAM

```
Start at: 2018-05-25 03:55:23
End at: 2018-05-25 03:55:53
Local clock offset: 0.363 ms
Remote clock offset: -0.169 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.764 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.764 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

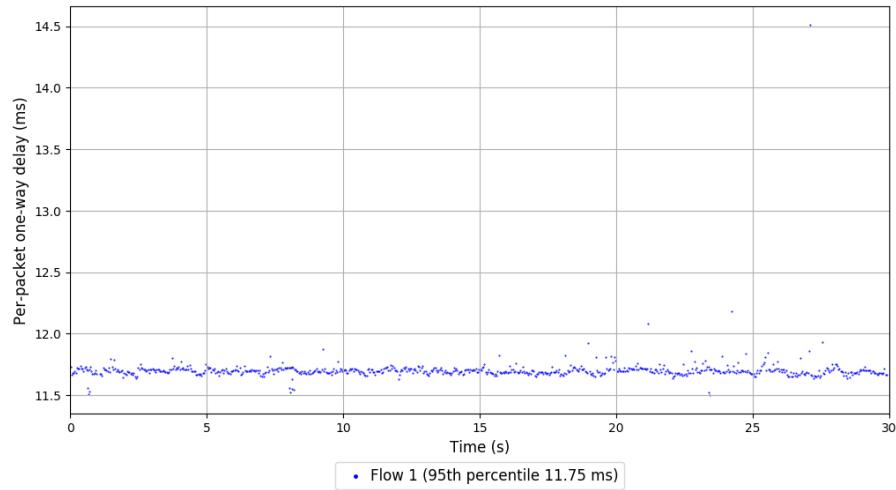
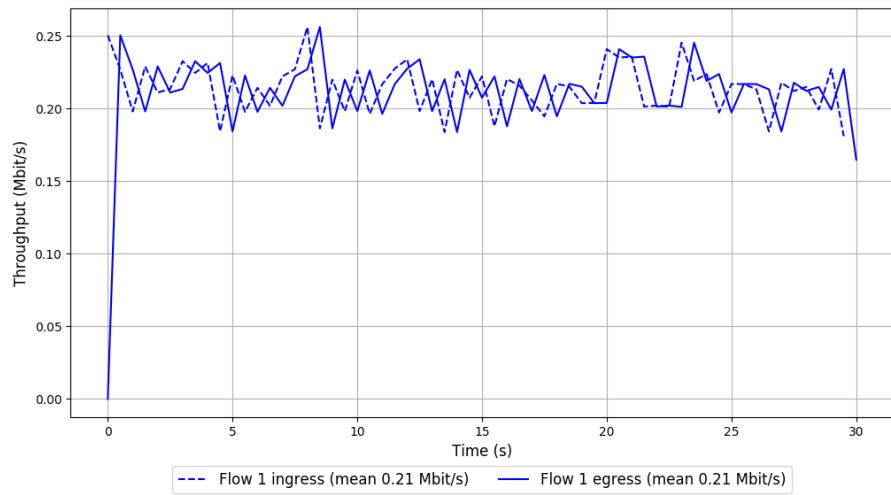


Run 10: Statistics of SCReAM

```
Start at: 2018-05-25 04:13:29
End at: 2018-05-25 04:13:59
Local clock offset: 3.295 ms
Remote clock offset: 1.683 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.751 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.751 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

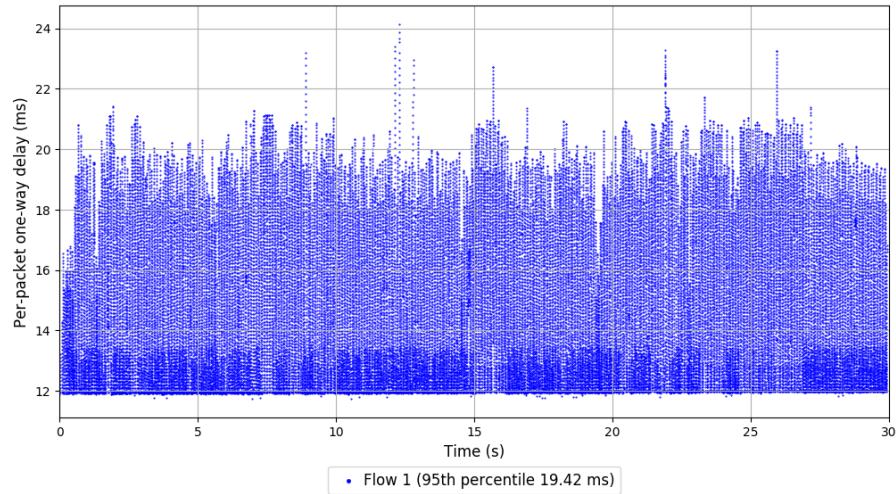
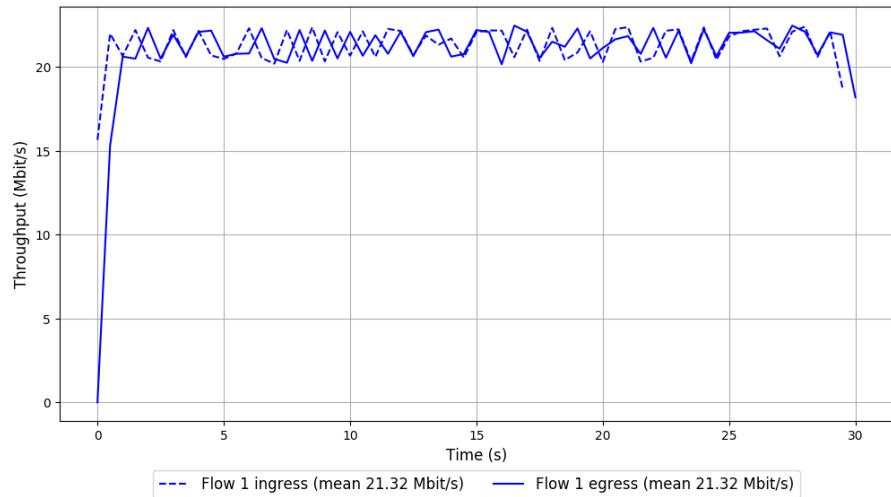


Run 1: Statistics of Sprout

```
Start at: 2018-05-25 01:32:33
End at: 2018-05-25 01:33:03
Local clock offset: 0.997 ms
Remote clock offset: 4.775 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 19.416 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 19.416 ms
Loss rate: 0.07%
```

Run 1: Report of Sprout — Data Link

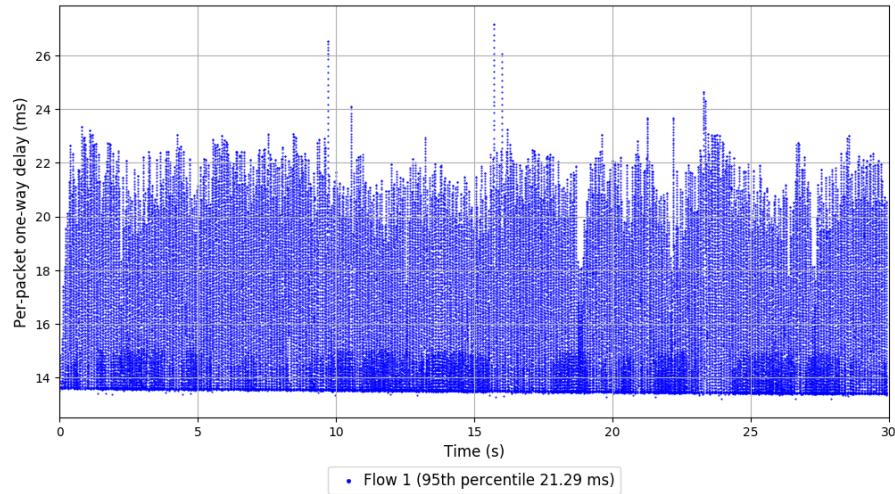
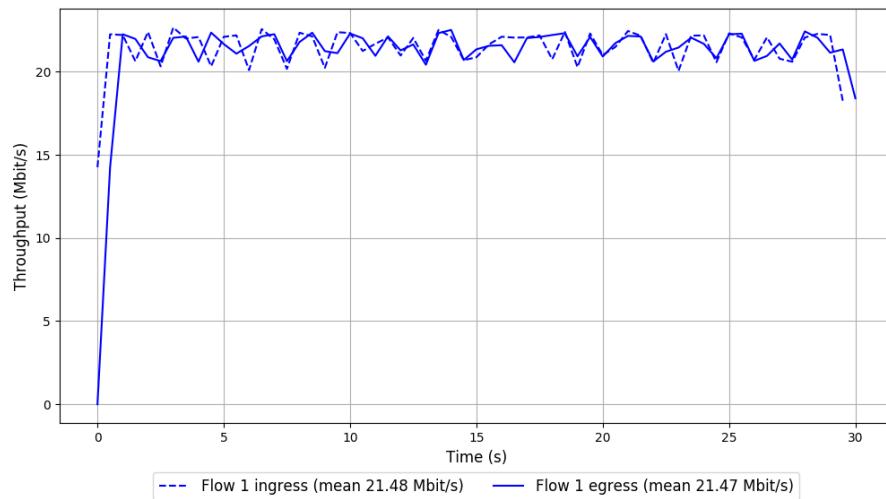


Run 2: Statistics of Sprout

```
Start at: 2018-05-25 01:50:56
End at: 2018-05-25 01:51:26
Local clock offset: 4.955 ms
Remote clock offset: -0.26 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 21.288 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 21.288 ms
Loss rate: 0.15%
```

Run 2: Report of Sprout — Data Link

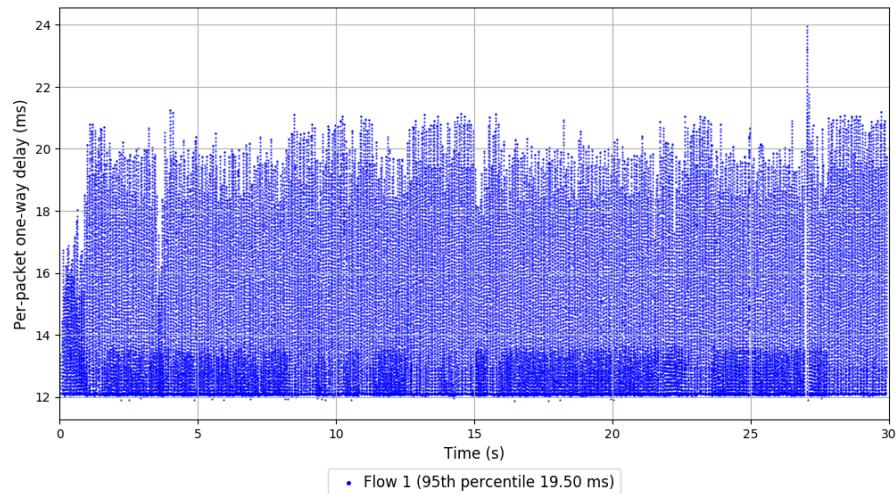
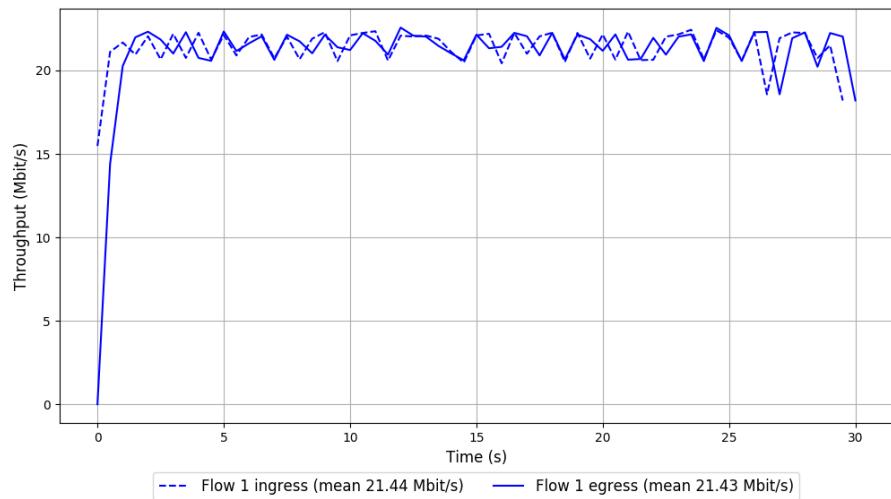


Run 3: Statistics of Sprout

```
Start at: 2018-05-25 02:09:14
End at: 2018-05-25 02:09:44
Local clock offset: 0.814 ms
Remote clock offset: -4.714 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.43 Mbit/s
95th percentile per-packet one-way delay: 19.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.43 Mbit/s
95th percentile per-packet one-way delay: 19.495 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

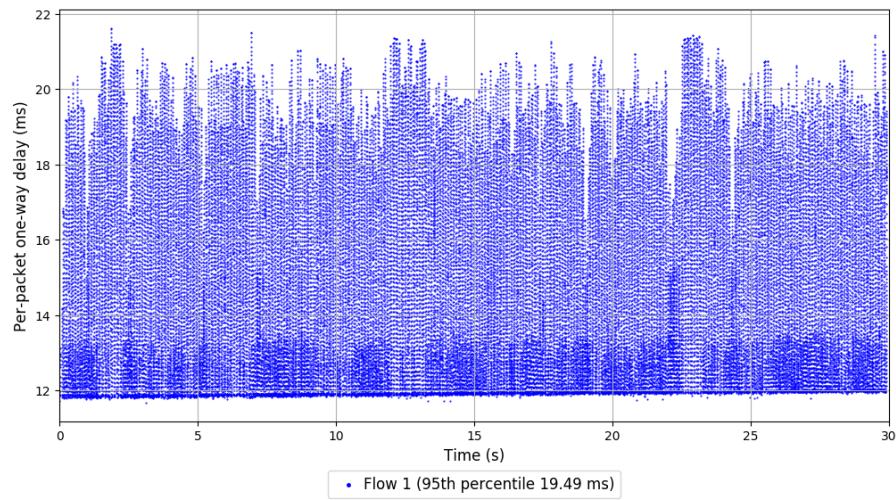
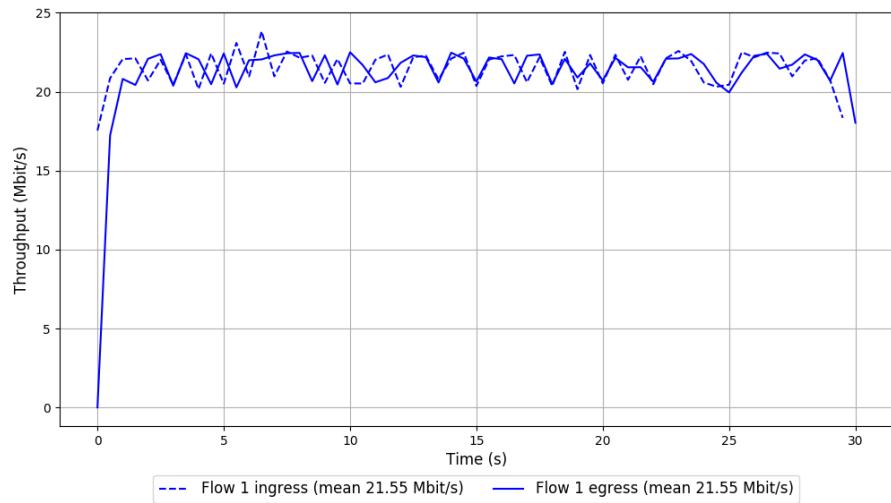


Run 4: Statistics of Sprout

```
Start at: 2018-05-25 02:27:31
End at: 2018-05-25 02:28:01
Local clock offset: 1.737 ms
Remote clock offset: 4.041 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.55 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 21.55 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.02%
```

Run 4: Report of Sprout — Data Link

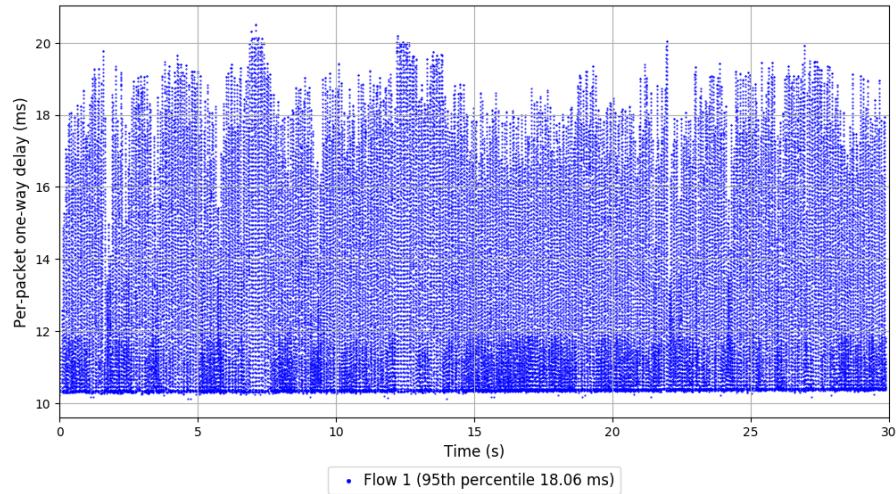
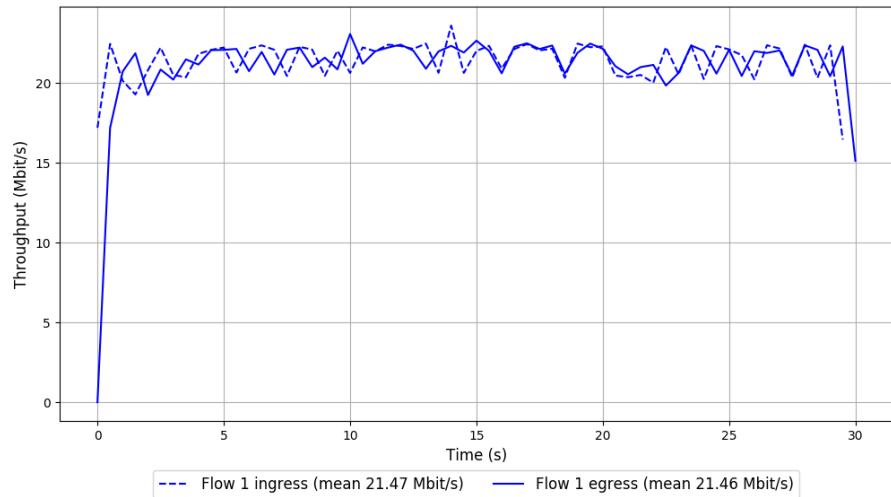


Run 5: Statistics of Sprout

```
Start at: 2018-05-25 02:46:02
End at: 2018-05-25 02:46:32
Local clock offset: 0.821 ms
Remote clock offset: 8.465 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.46 Mbit/s
95th percentile per-packet one-way delay: 18.058 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 21.46 Mbit/s
95th percentile per-packet one-way delay: 18.058 ms
Loss rate: 0.13%
```

Run 5: Report of Sprout — Data Link

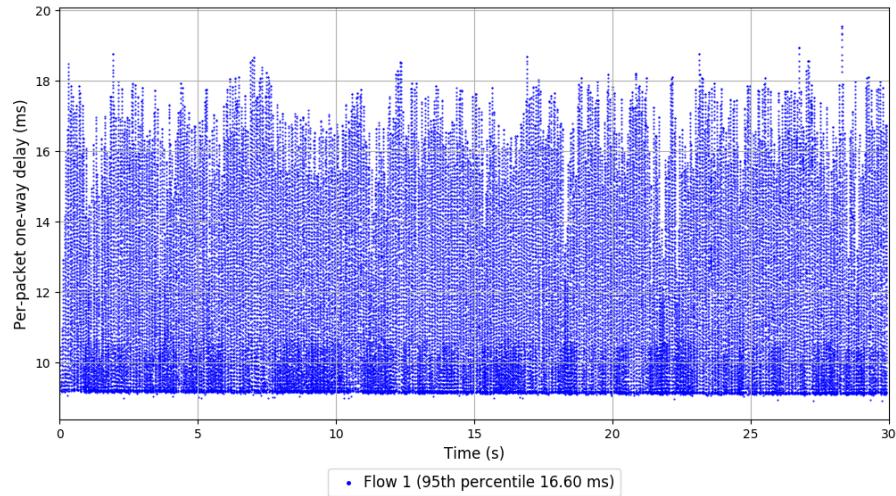
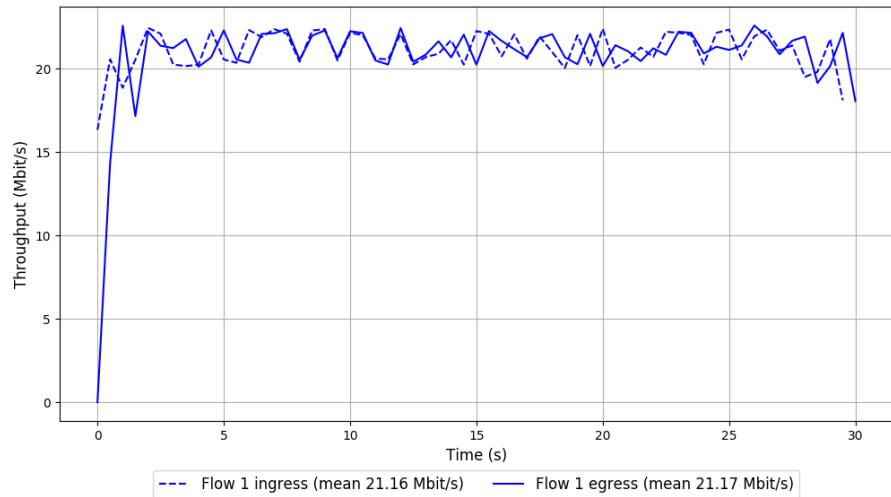


Run 6: Statistics of Sprout

```
Start at: 2018-05-25 03:04:34
End at: 2018-05-25 03:05:04
Local clock offset: 1.608 ms
Remote clock offset: 5.282 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.17 Mbit/s
95th percentile per-packet one-way delay: 16.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.17 Mbit/s
95th percentile per-packet one-way delay: 16.599 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

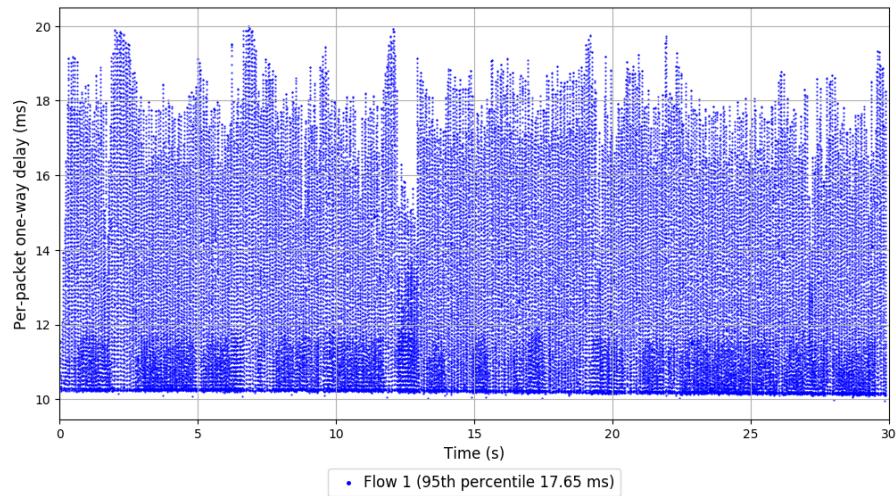
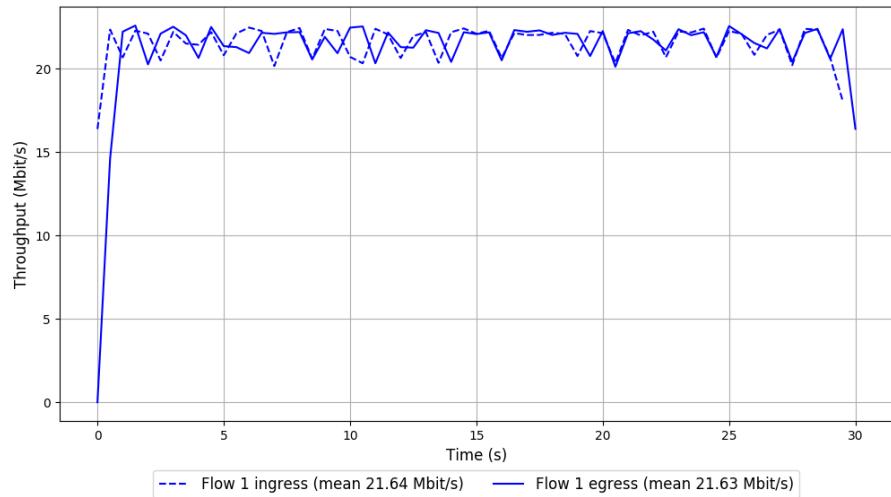


Run 7: Statistics of Sprout

```
Start at: 2018-05-25 03:23:00
End at: 2018-05-25 03:23:30
Local clock offset: 1.827 ms
Remote clock offset: 3.522 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 17.653 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 17.653 ms
Loss rate: 0.13%
```

Run 7: Report of Sprout — Data Link

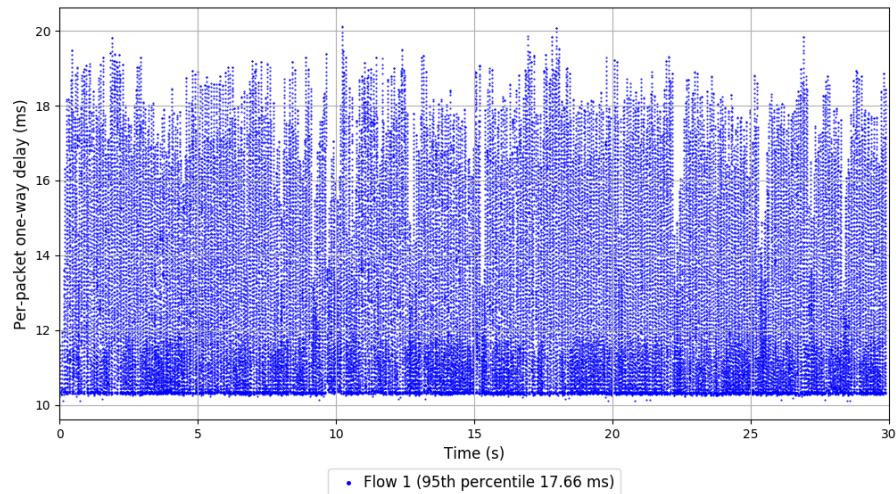
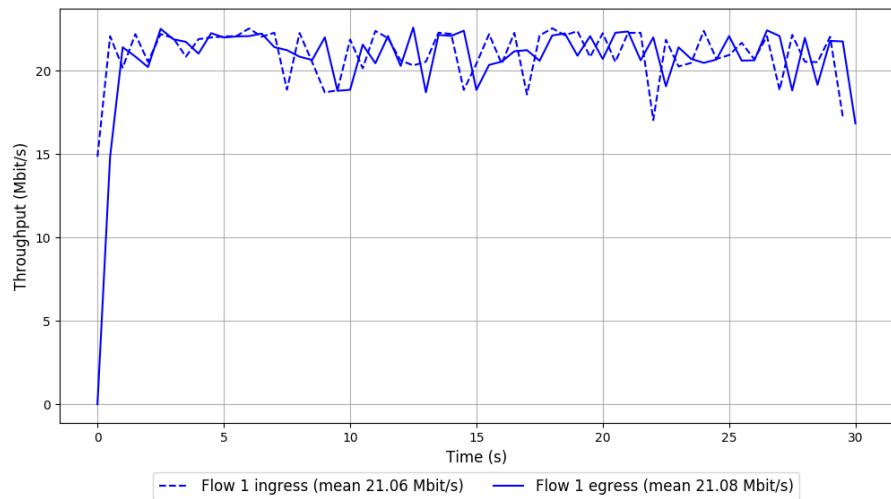


Run 8: Statistics of Sprout

```
Start at: 2018-05-25 03:41:45
End at: 2018-05-25 03:42:15
Local clock offset: 0.458 ms
Remote clock offset: 1.387 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 17.655 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 17.655 ms
Loss rate: 0.08%
```

Run 8: Report of Sprout — Data Link

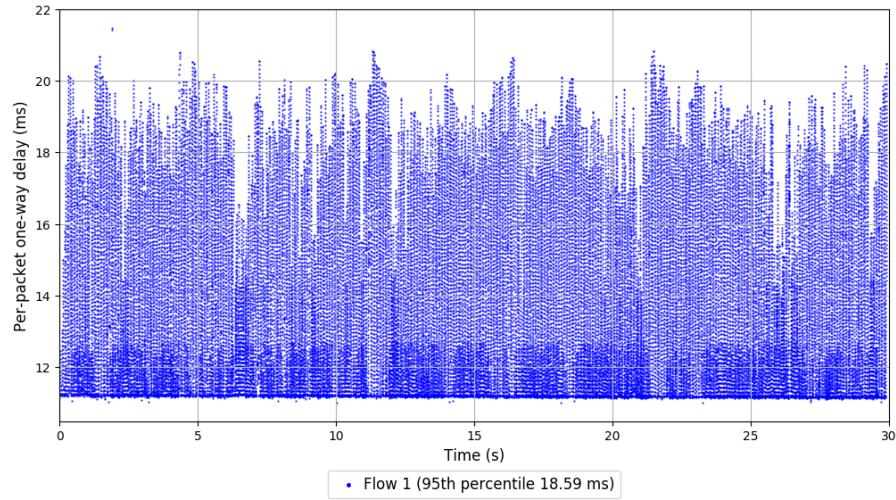
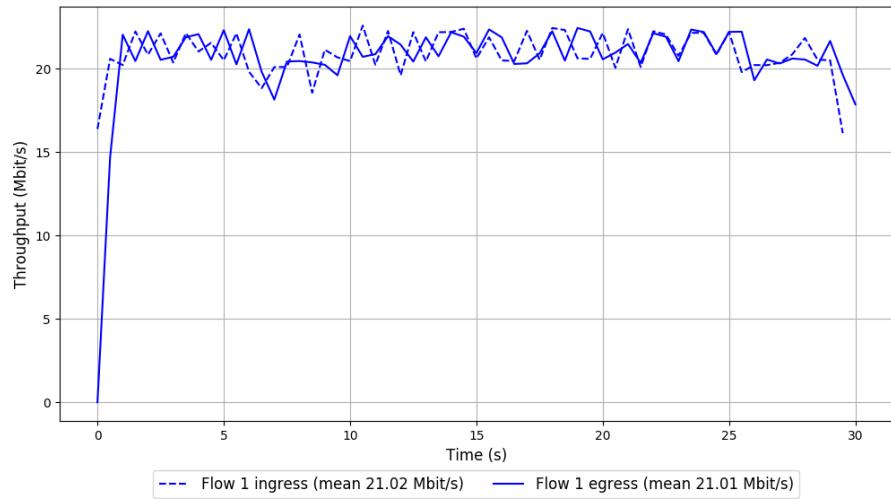


Run 9: Statistics of Sprout

```
Start at: 2018-05-25 03:59:55
End at: 2018-05-25 04:00:25
Local clock offset: 1.596 ms
Remote clock offset: 1.107 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 18.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 18.595 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

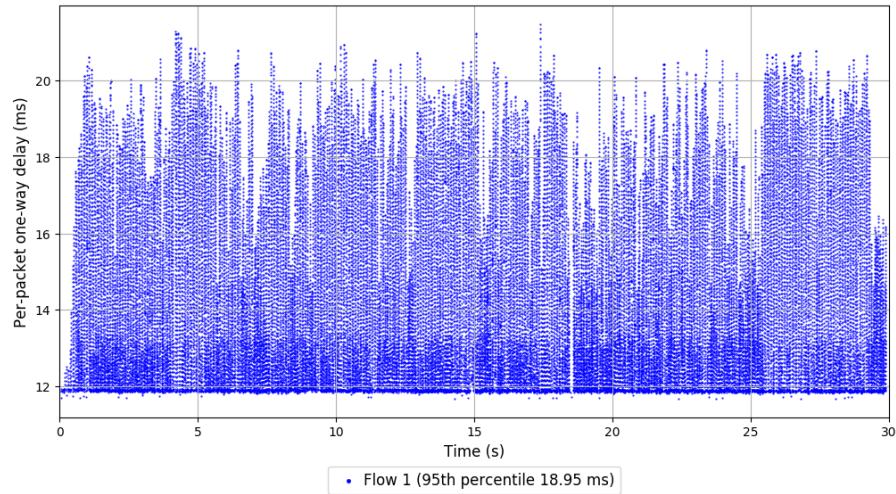
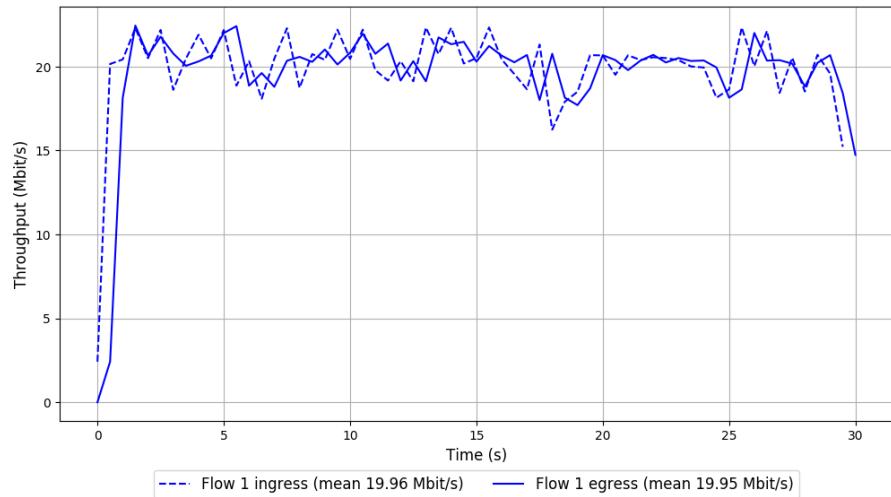


Run 10: Statistics of Sprout

```
Start at: 2018-05-25 04:18:16
End at: 2018-05-25 04:18:46
Local clock offset: 3.518 ms
Remote clock offset: 1.649 ms

# Below is generated by plot.py at 2018-05-25 04:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.14%
```

Run 10: Report of Sprout — Data Link

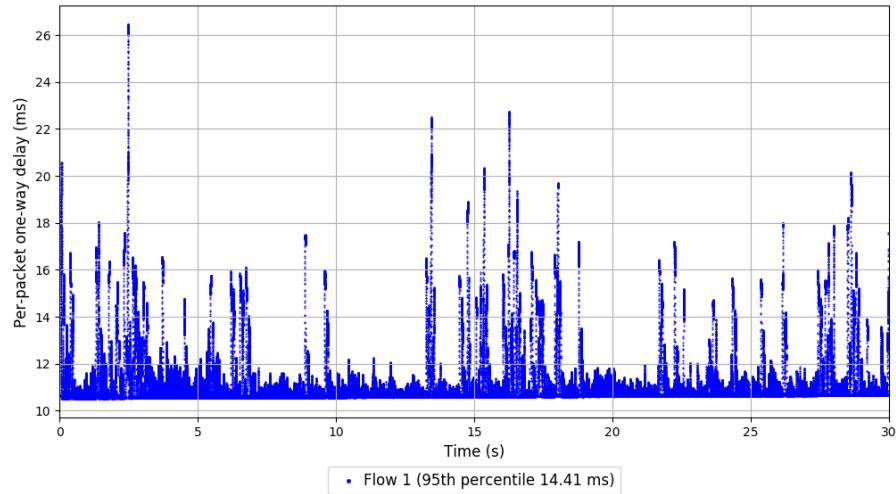
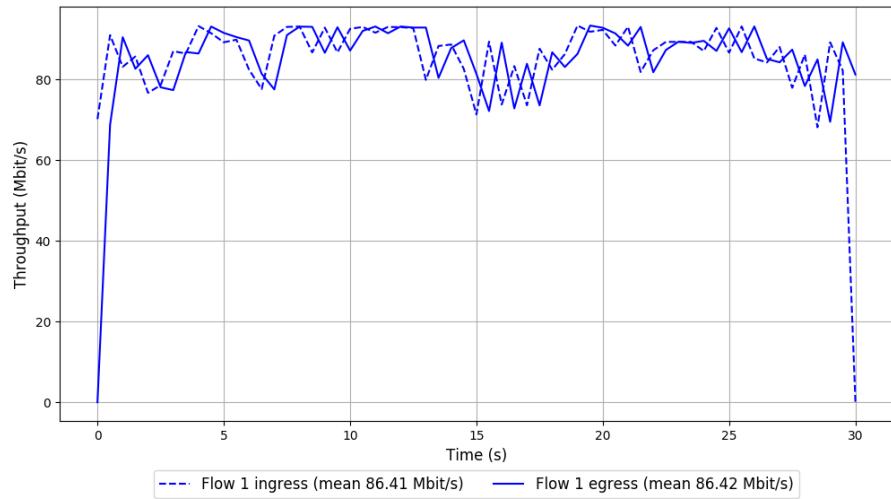


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-25 01:24:18
End at: 2018-05-25 01:24:48
Local clock offset: 0.693 ms
Remote clock offset: 4.776 ms

# Below is generated by plot.py at 2018-05-25 04:47:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 14.412 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 14.412 ms
Loss rate: 0.06%
```

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

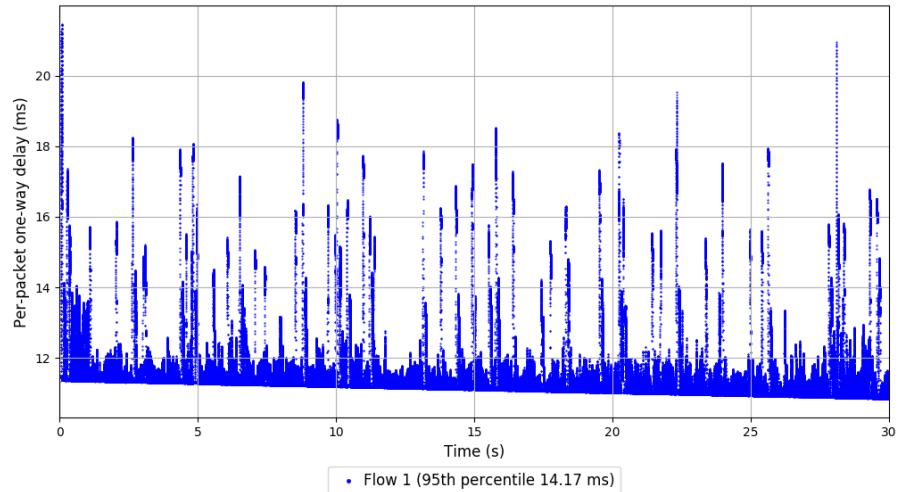
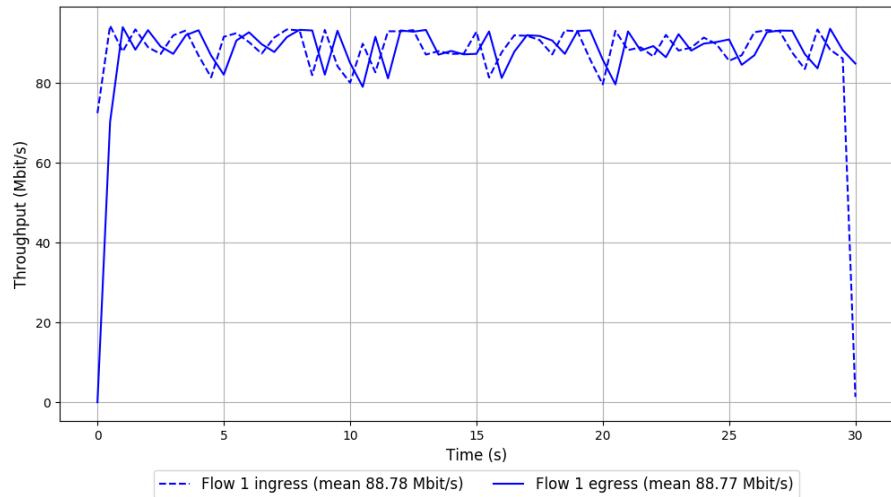


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-25 01:42:47
End at: 2018-05-25 01:43:17
Local clock offset: 2.694 ms
Remote clock offset: 5.322 ms

# Below is generated by plot.py at 2018-05-25 04:48:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 14.172 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 14.172 ms
Loss rate: 0.09%
```

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

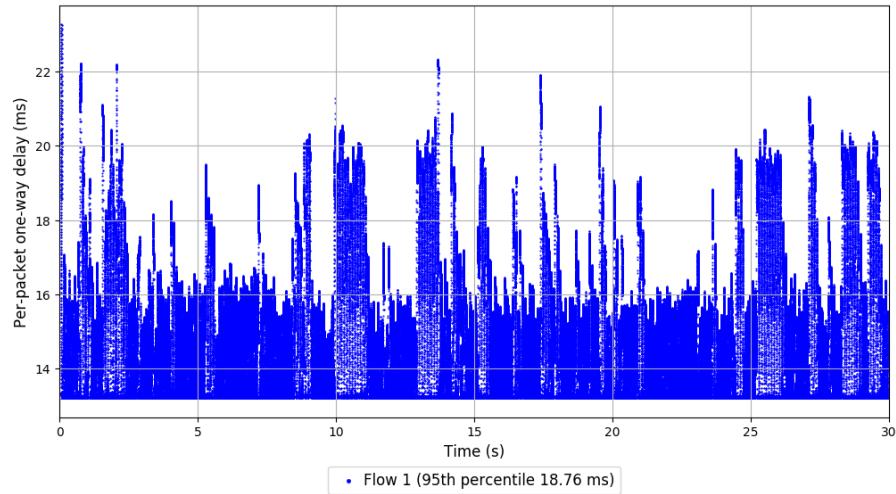
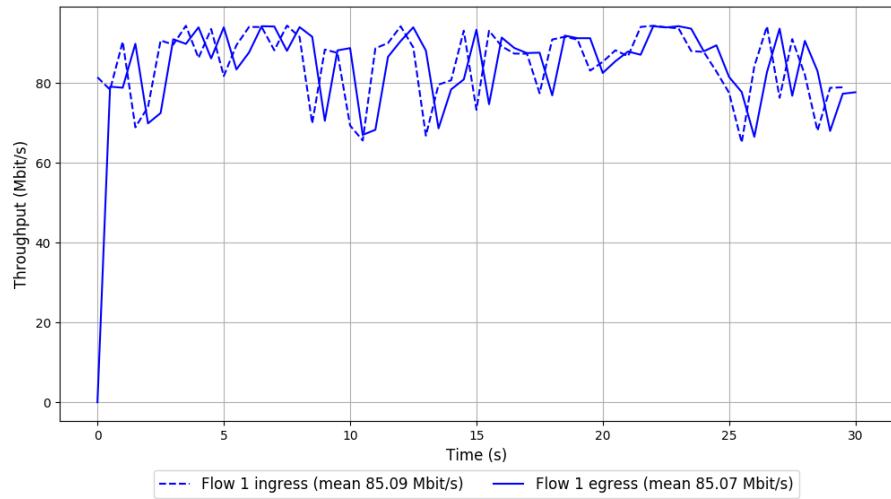


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-25 02:01:05
End at: 2018-05-25 02:01:35
Local clock offset: 3.832 ms
Remote clock offset: -2.719 ms

# Below is generated by plot.py at 2018-05-25 04:48:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 18.761 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 18.761 ms
Loss rate: 0.09%
```

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

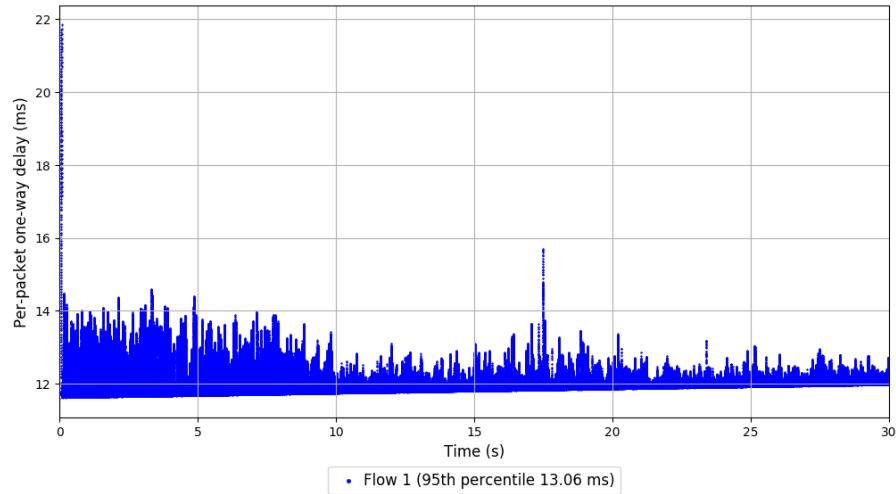
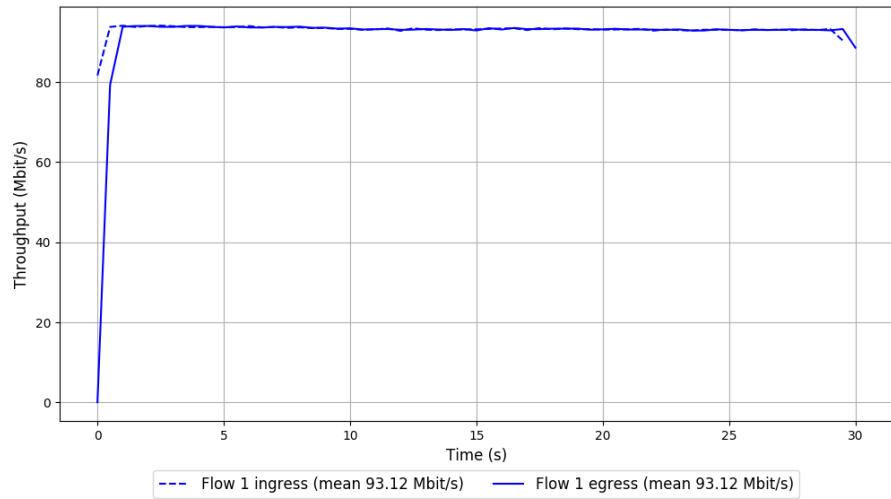


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-25 02:19:23
End at: 2018-05-25 02:19:53
Local clock offset: 2.028 ms
Remote clock offset: 0.39 ms

# Below is generated by plot.py at 2018-05-25 04:48:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 13.065 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 13.065 ms
Loss rate: 0.07%
```

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

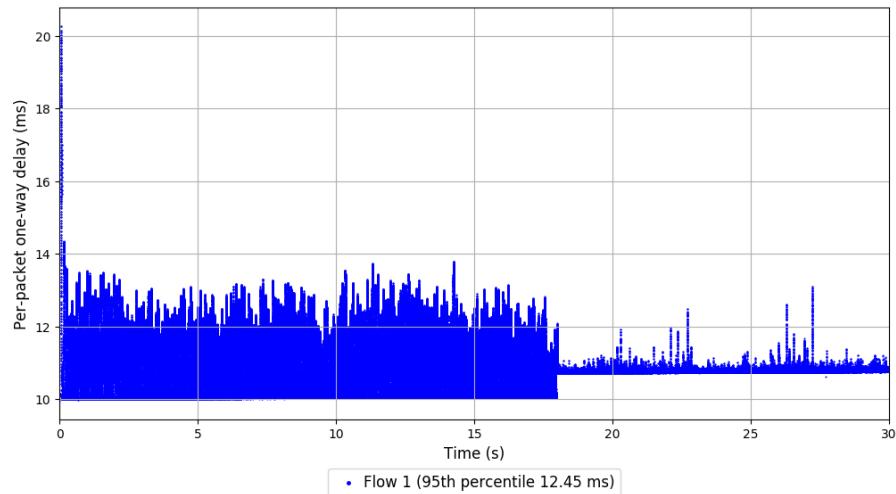
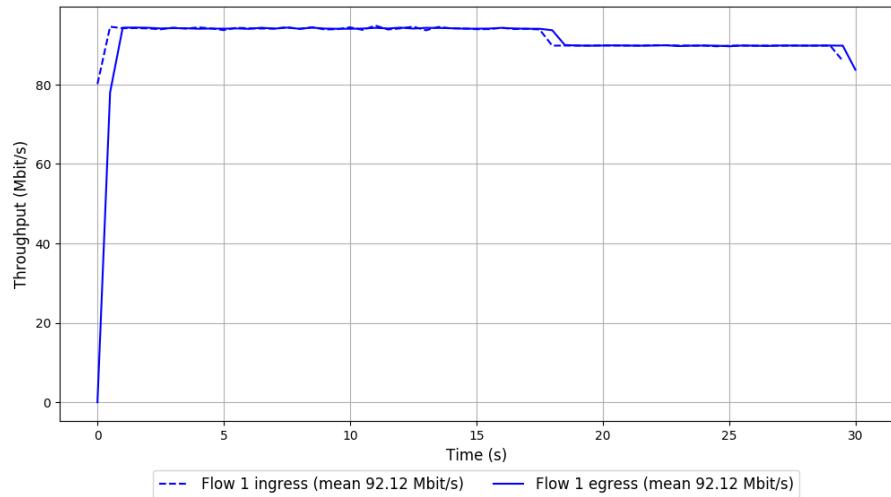


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-25 02:37:54
End at: 2018-05-25 02:38:24
Local clock offset: 0.741 ms
Remote clock offset: 7.321 ms

# Below is generated by plot.py at 2018-05-25 04:48:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 12.445 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 12.445 ms
Loss rate: 0.08%
```

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

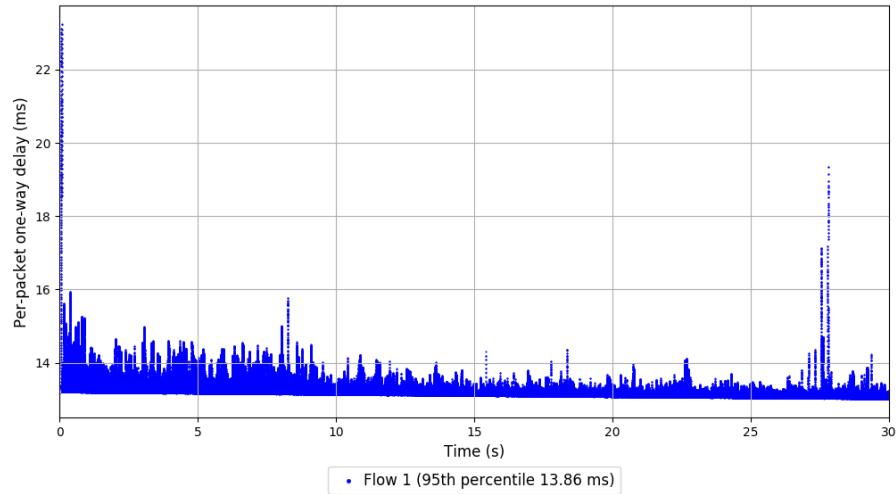
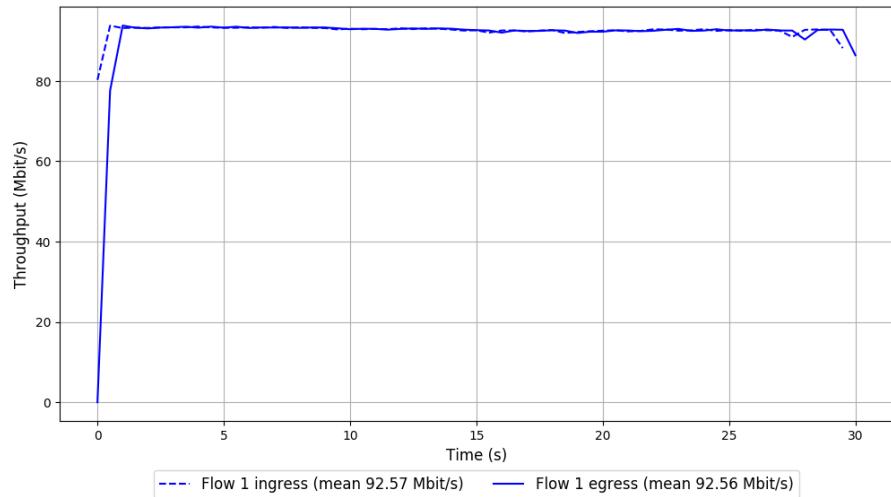


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-25 02:56:15
End at: 2018-05-25 02:56:45
Local clock offset: 2.59 ms
Remote clock offset: 4.215 ms

# Below is generated by plot.py at 2018-05-25 04:48:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 13.859 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 13.859 ms
Loss rate: 0.09%
```

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

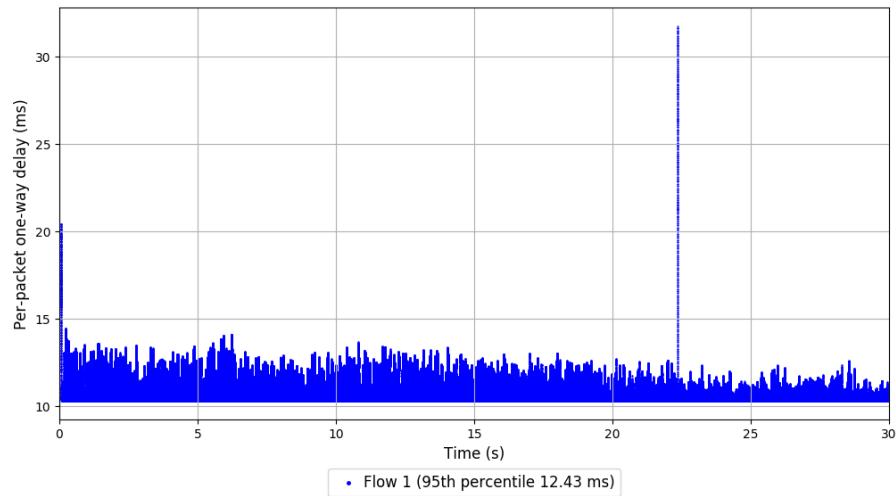
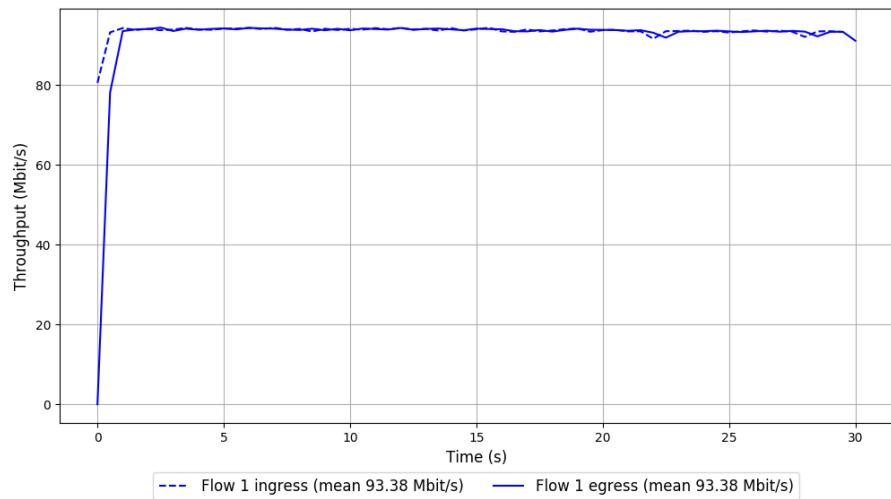


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-25 03:14:45
End at: 2018-05-25 03:15:15
Local clock offset: 1.952 ms
Remote clock offset: 3.659 ms

# Below is generated by plot.py at 2018-05-25 04:48:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 12.426 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 12.426 ms
Loss rate: 0.08%
```

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

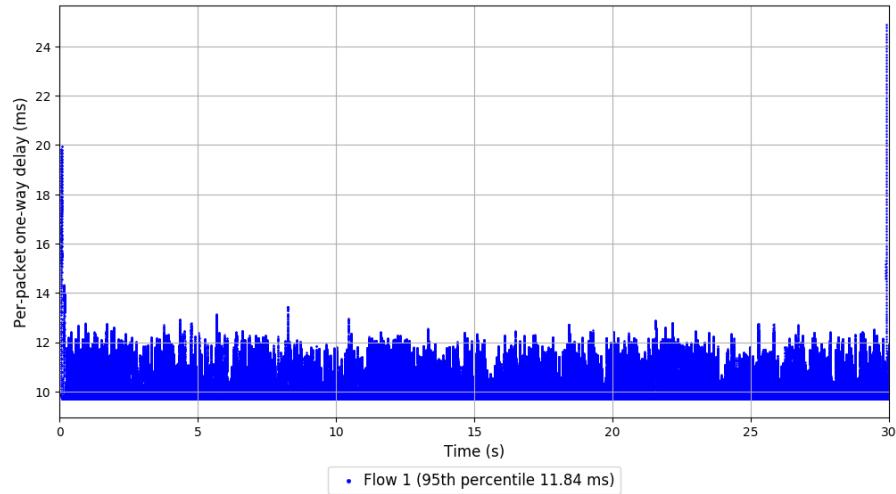
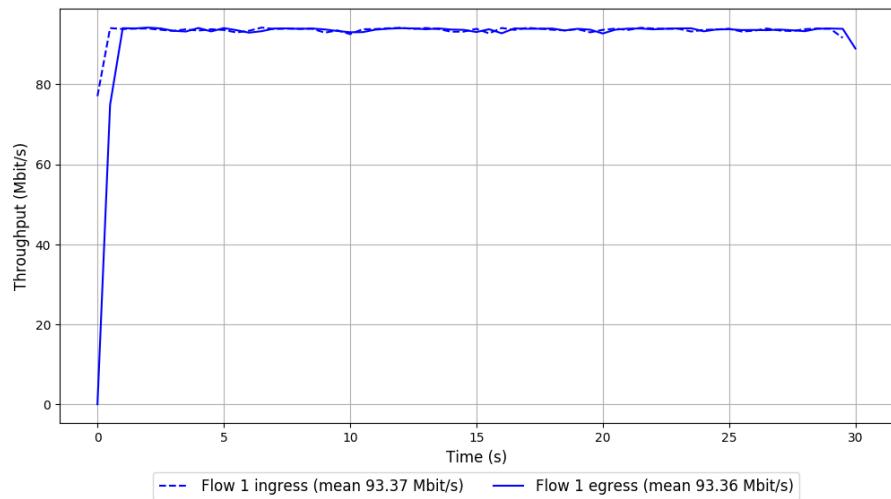


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-25 03:33:28
End at: 2018-05-25 03:33:58
Local clock offset: 0.816 ms
Remote clock offset: 2.263 ms

# Below is generated by plot.py at 2018-05-25 04:48:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 11.840 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 11.840 ms
Loss rate: 0.08%
```

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

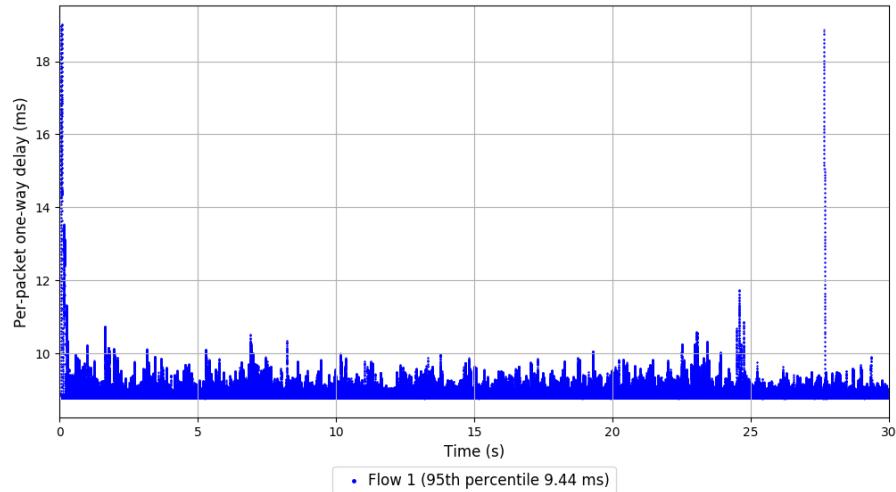
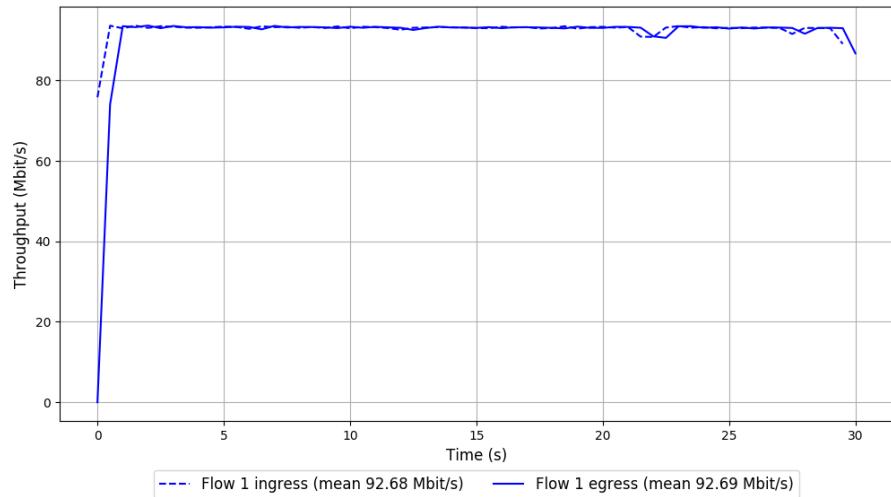


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-25 03:51:52
End at: 2018-05-25 03:52:22
Local clock offset: -0.723 ms
Remote clock offset: 1.663 ms

# Below is generated by plot.py at 2018-05-25 04:50:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 9.439 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 9.439 ms
Loss rate: 0.07%
```

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

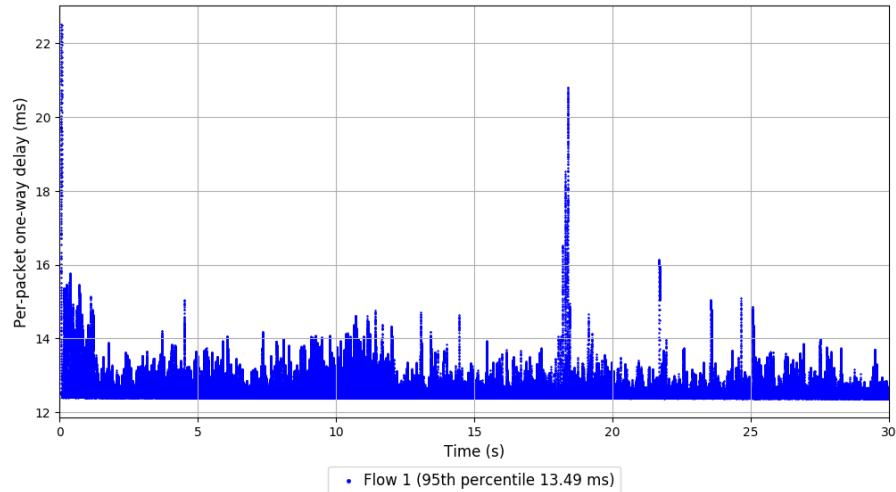
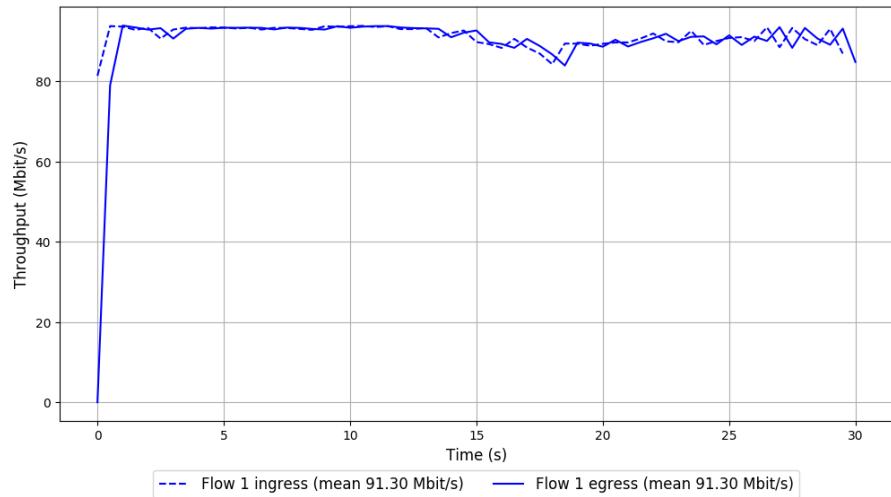


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-25 04:09:59
End at: 2018-05-25 04:10:29
Local clock offset: 2.249 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 13.495 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 13.495 ms
Loss rate: 0.08%
```

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

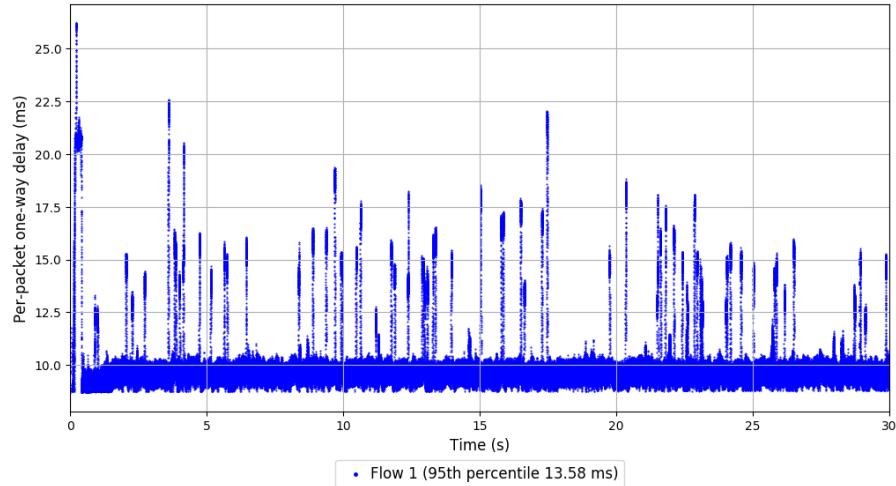
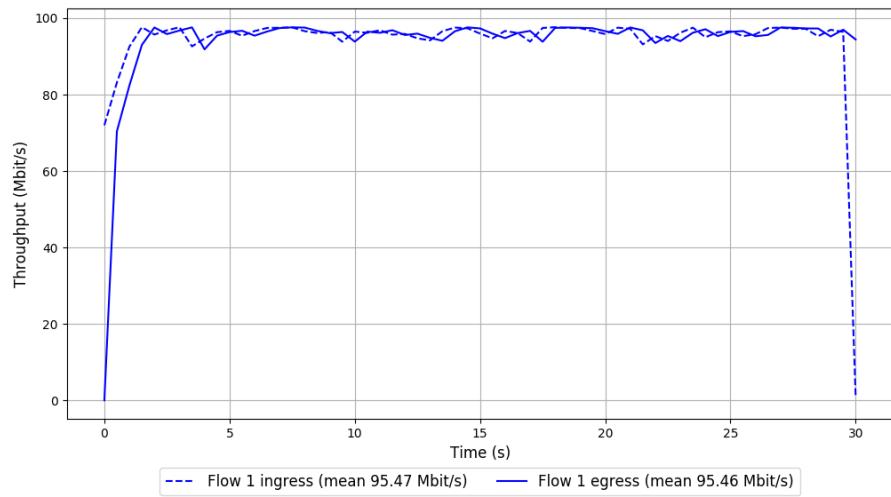


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-25 01:39:11
End at: 2018-05-25 01:39:41
Local clock offset: 1.257 ms
Remote clock offset: 8.767 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 13.584 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 13.584 ms
Loss rate: 0.08%
```

Run 1: Report of TCP Vegas — Data Link

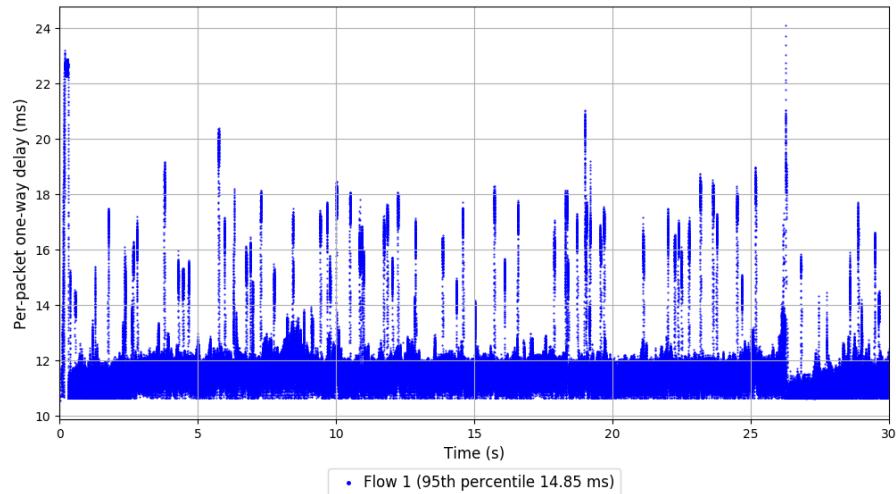
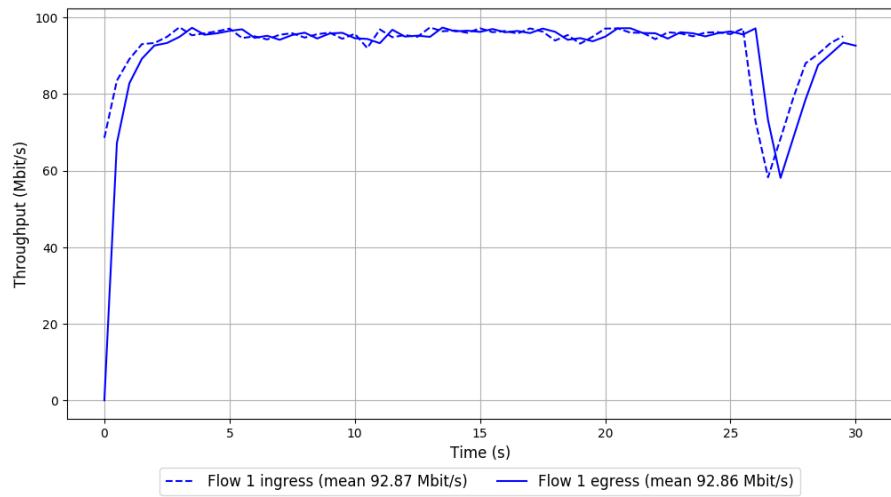


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-25 01:57:35
End at: 2018-05-25 01:58:05
Local clock offset: 1.703 ms
Remote clock offset: -2.263 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 14.853 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 14.853 ms
Loss rate: 0.09%
```

Run 2: Report of TCP Vegas — Data Link

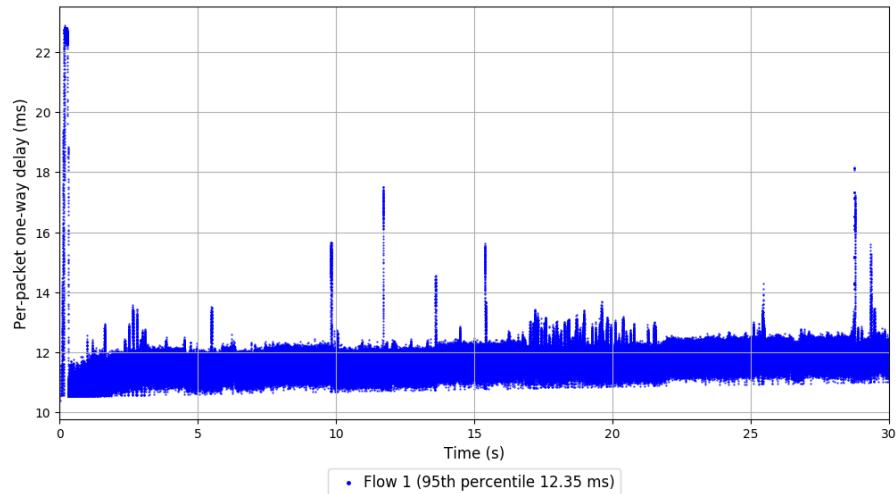
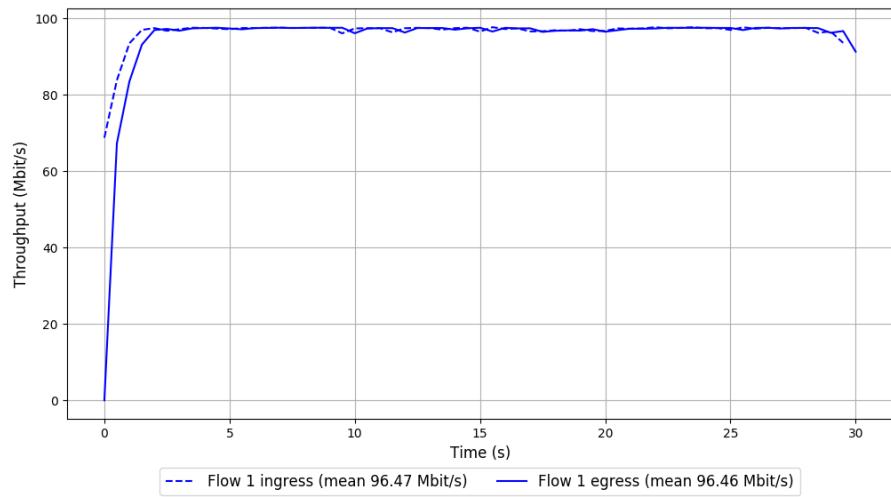


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-25 02:15:55
End at: 2018-05-25 02:16:25
Local clock offset: 0.222 ms
Remote clock offset: -3.277 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 12.353 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 12.353 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Vegas — Data Link

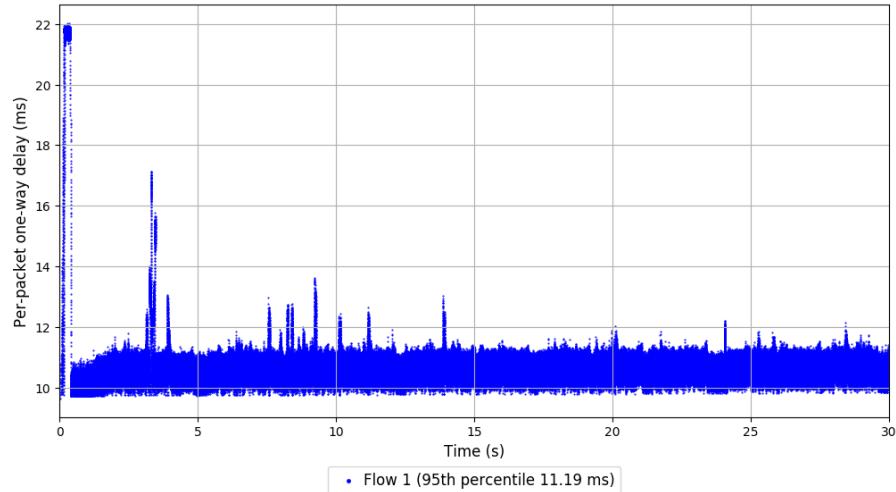
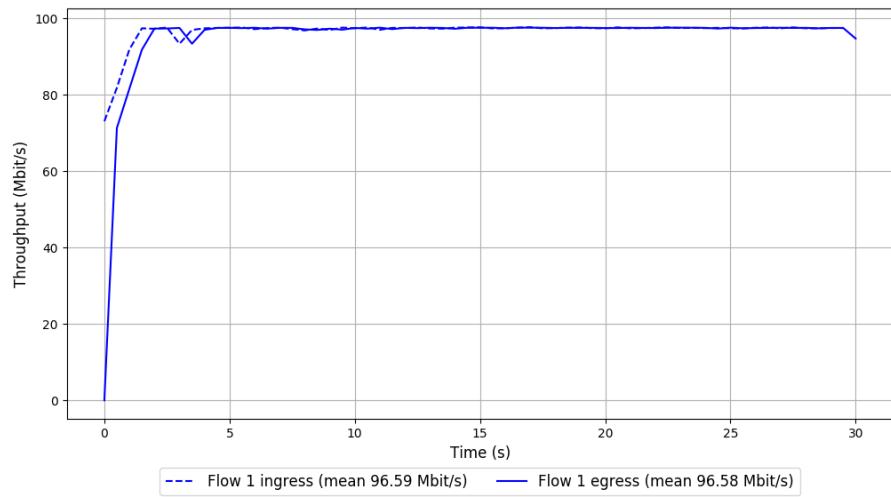


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-25 02:34:14
End at: 2018-05-25 02:34:44
Local clock offset: -0.43 ms
Remote clock offset: 5.699 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 11.194 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 11.194 ms
Loss rate: 0.08%
```

Run 4: Report of TCP Vegas — Data Link

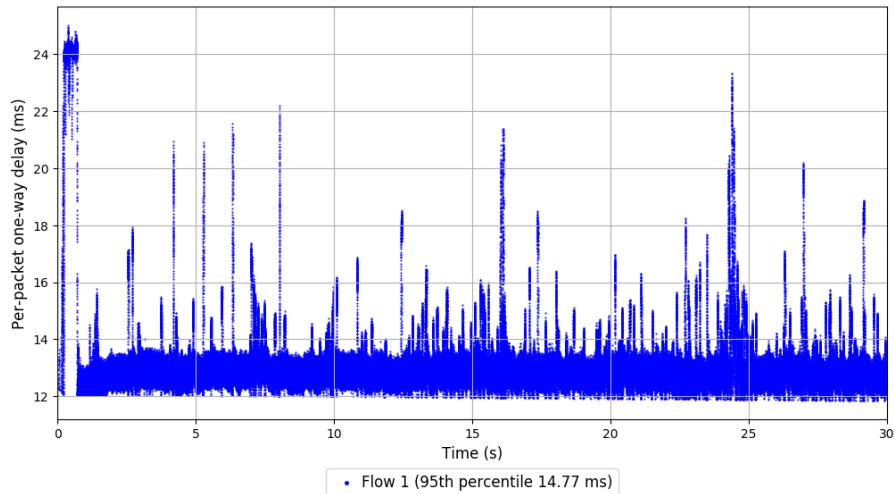
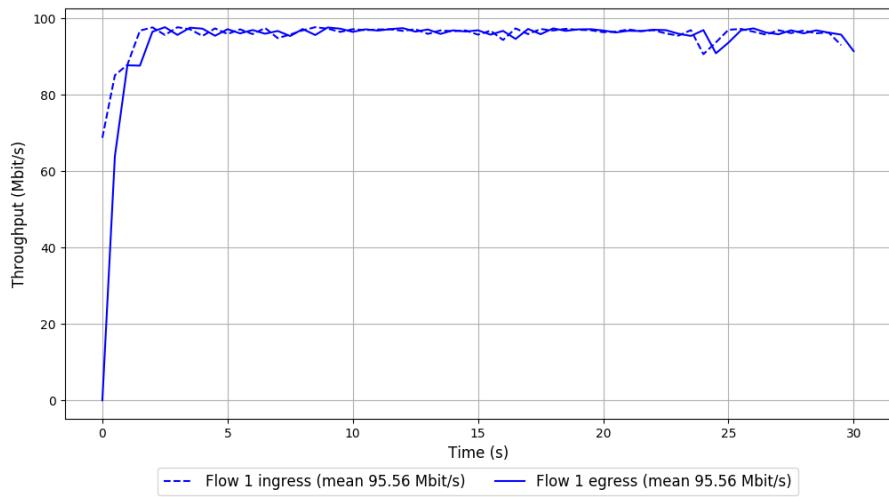


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-25 02:52:45
End at: 2018-05-25 02:53:15
Local clock offset: 2.924 ms
Remote clock offset: 7.106 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 14.767 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 14.767 ms
Loss rate: 0.08%
```

Run 5: Report of TCP Vegas — Data Link

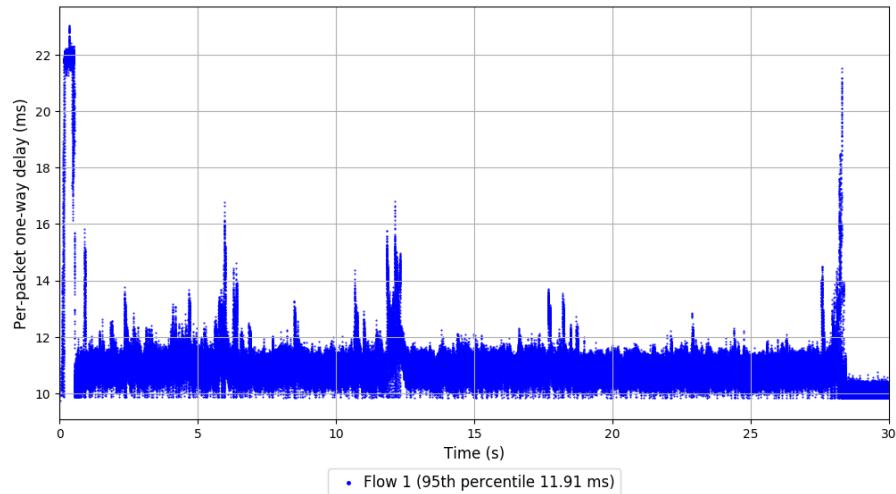
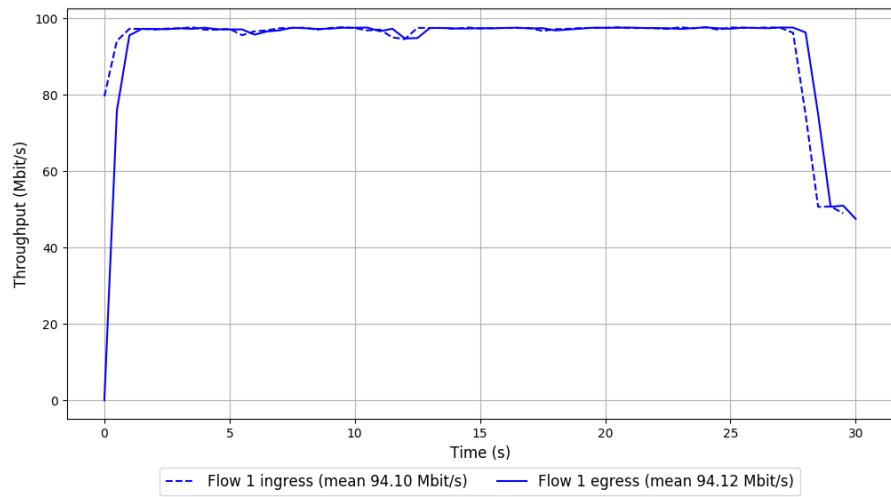


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-25 03:11:10
End at: 2018-05-25 03:11:40
Local clock offset: 1.306 ms
Remote clock offset: 3.656 ms

# Below is generated by plot.py at 2018-05-25 04:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 11.912 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 11.912 ms
Loss rate: 0.06%
```

Run 6: Report of TCP Vegas — Data Link

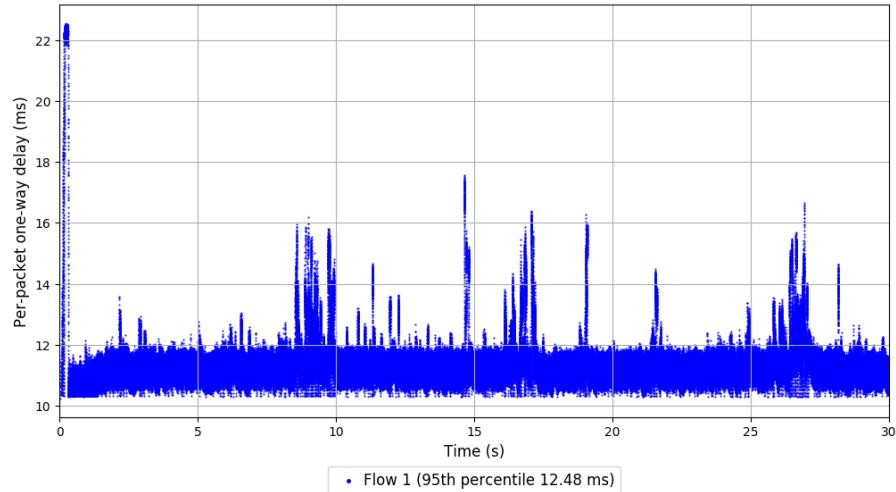
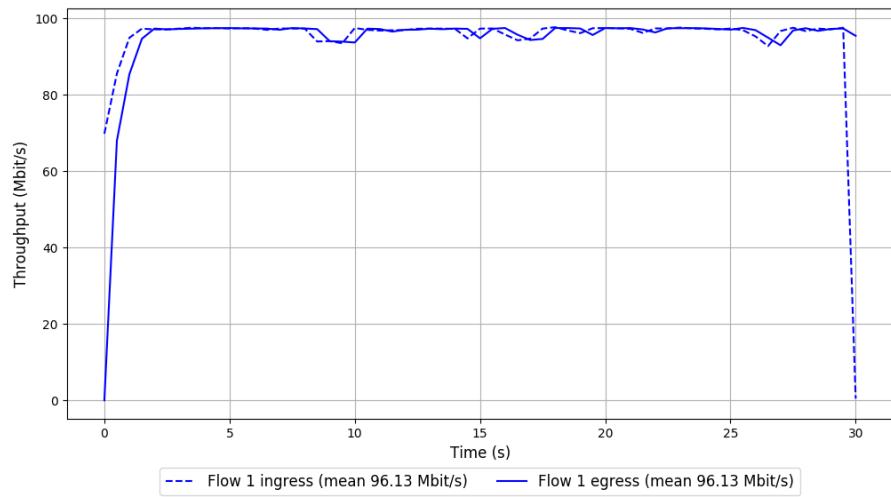


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-25 03:29:53
End at: 2018-05-25 03:30:23
Local clock offset: 1.711 ms
Remote clock offset: 2.658 ms

# Below is generated by plot.py at 2018-05-25 04:50:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 12.478 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 12.478 ms
Loss rate: 0.08%
```

Run 7: Report of TCP Vegas — Data Link

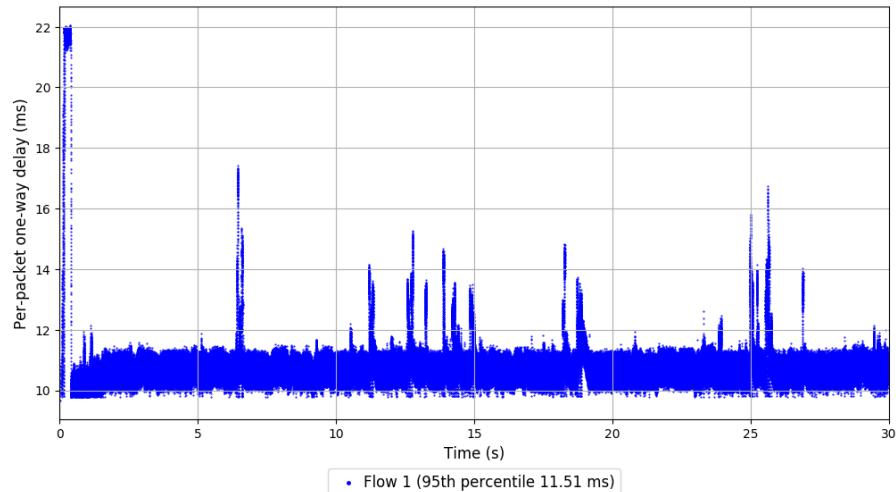
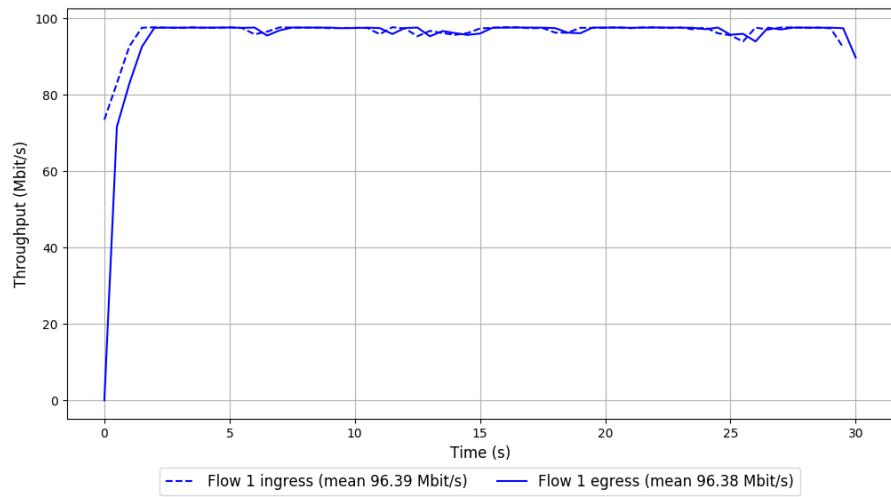


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-25 03:48:25
End at: 2018-05-25 03:48:55
Local clock offset: -0.002 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at 2018-05-25 04:50:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 11.507 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 11.507 ms
Loss rate: 0.08%
```

Run 8: Report of TCP Vegas — Data Link

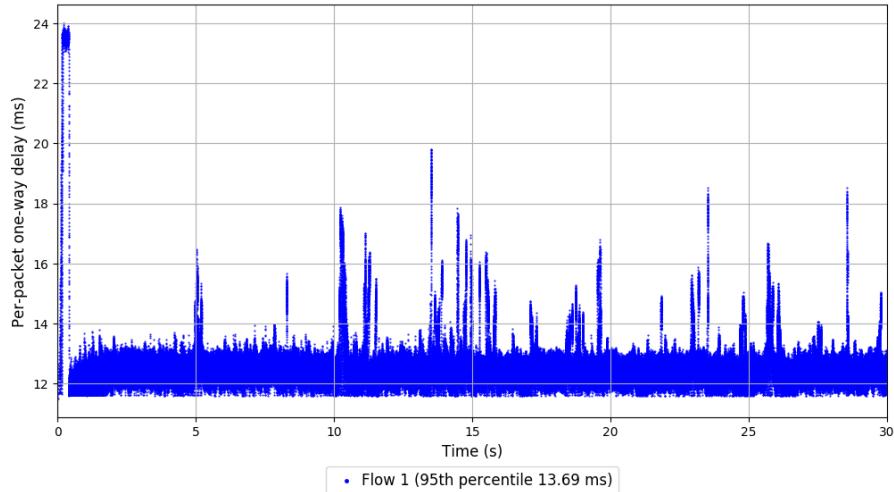
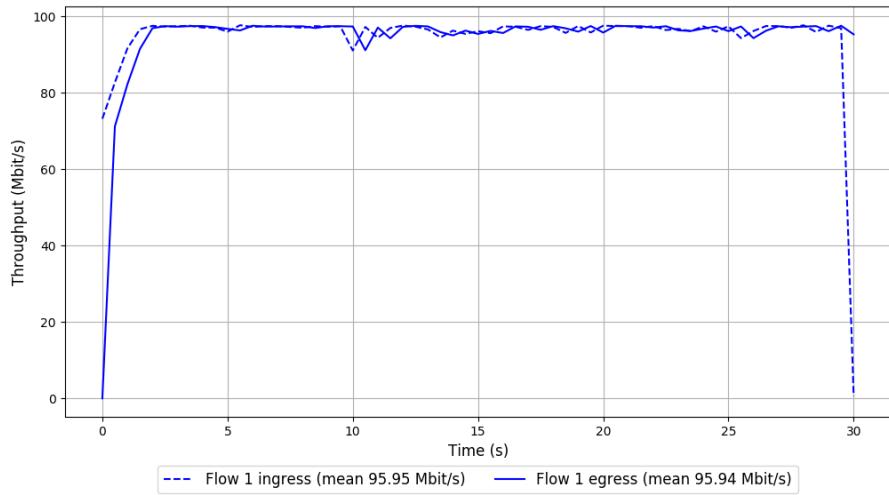


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-25 04:06:31
End at: 2018-05-25 04:07:01
Local clock offset: 2.152 ms
Remote clock offset: 0.812 ms

# Below is generated by plot.py at 2018-05-25 04:50:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 13.691 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 13.691 ms
Loss rate: 0.08%
```

Run 9: Report of TCP Vegas — Data Link

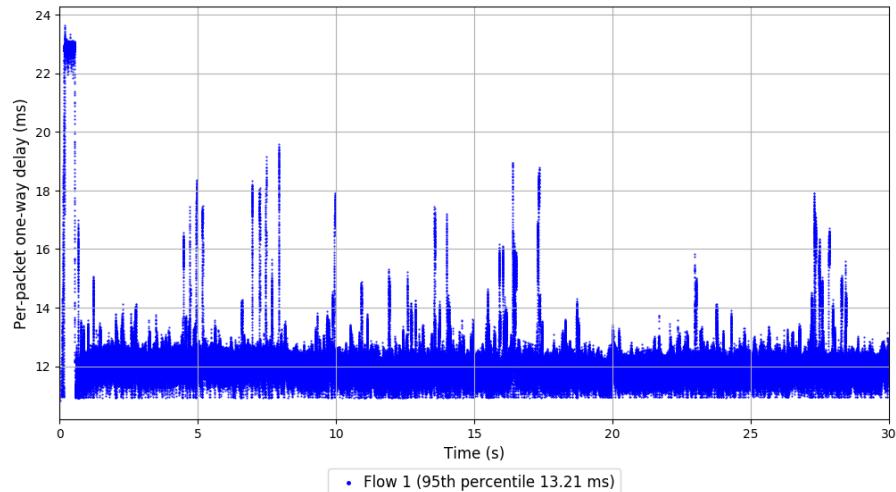
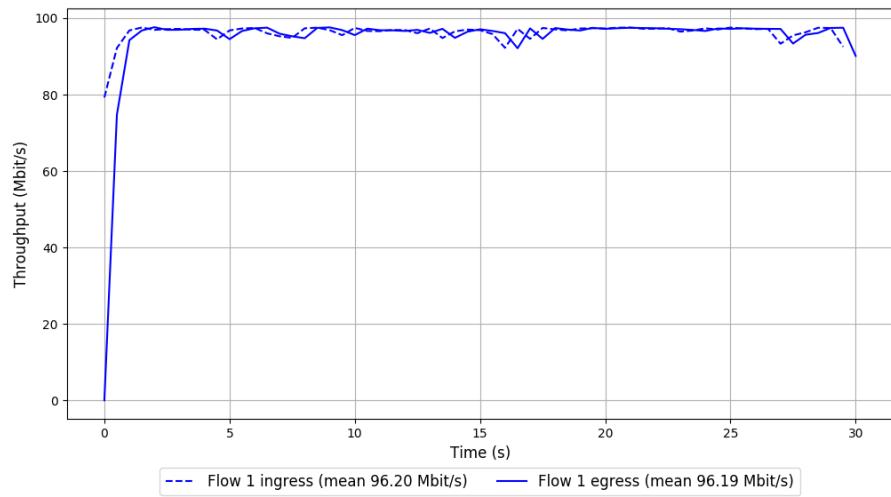


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-25 04:24:58
End at: 2018-05-25 04:25:28
Local clock offset: 1.737 ms
Remote clock offset: 0.596 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 13.213 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 13.213 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link

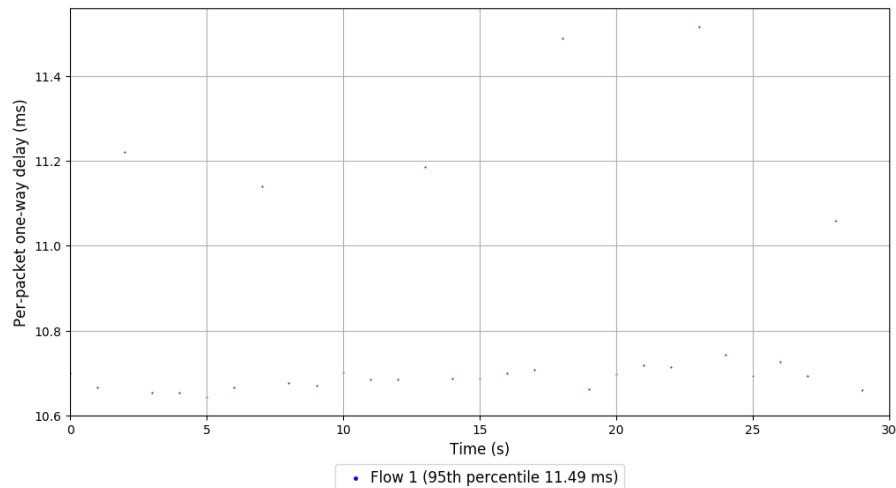
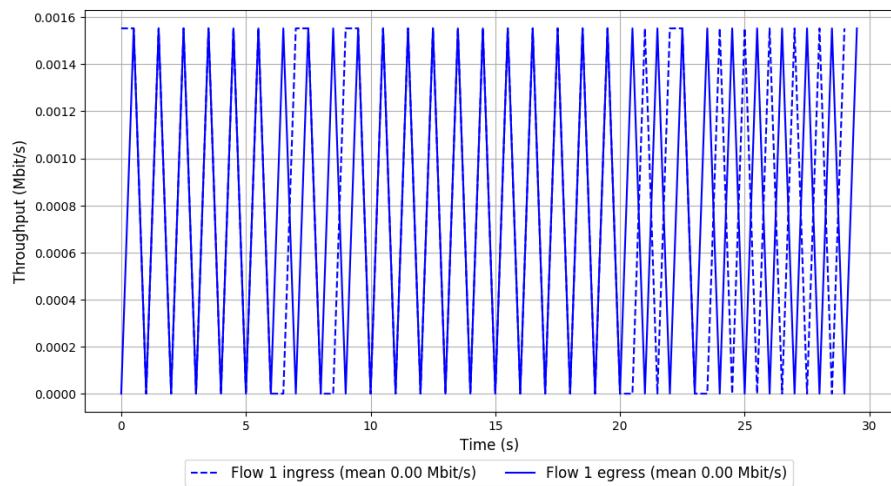


Run 1: Statistics of Verus

```
Start at: 2018-05-25 01:38:07
End at: 2018-05-25 01:38:37
Local clock offset: 2.236 ms
Remote clock offset: 7.596 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 11.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 11.489 ms
Loss rate: 0.00%
```

Run 1: Report of Verus — Data Link

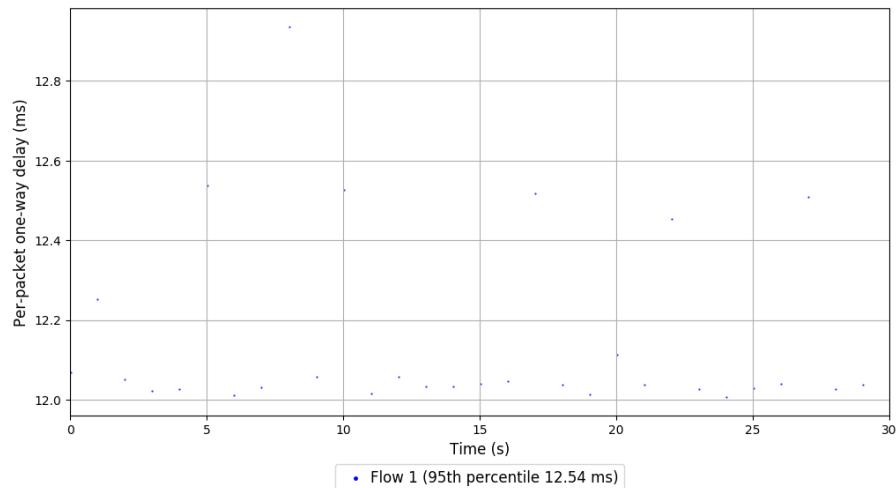
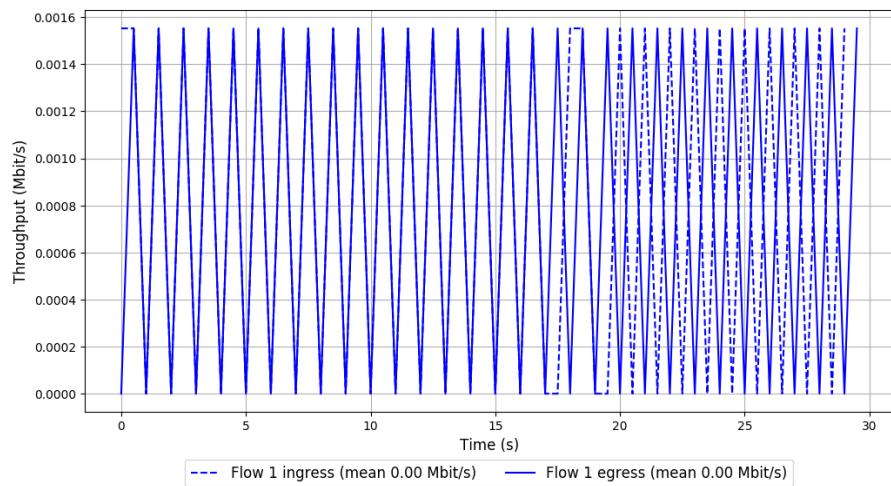


Run 2: Statistics of Verus

```
Start at: 2018-05-25 01:56:31
End at: 2018-05-25 01:57:01
Local clock offset: 2.452 ms
Remote clock offset: -2.987 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.537 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.537 ms
Loss rate: 0.00%
```

Run 2: Report of Verus — Data Link

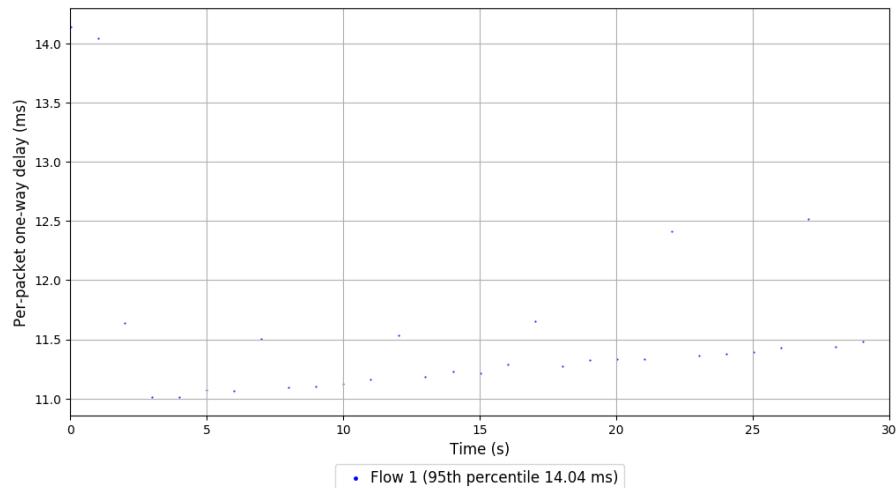
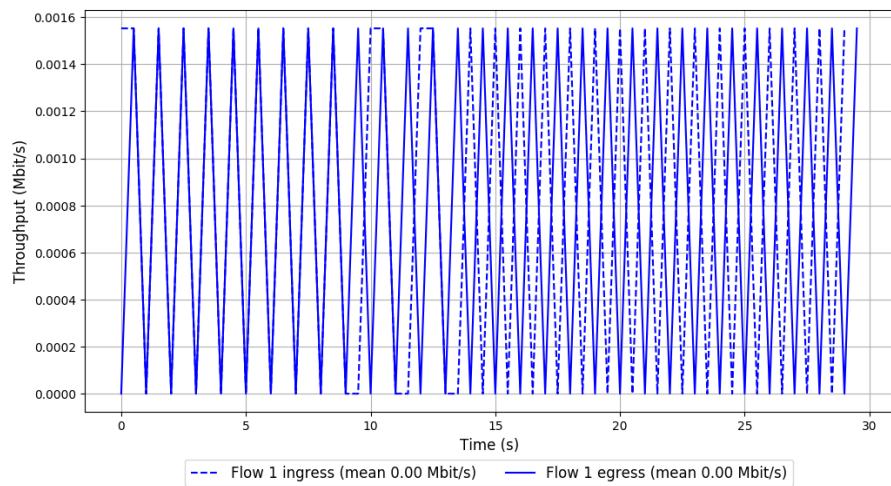


Run 3: Statistics of Verus

```
Start at: 2018-05-25 02:14:51
End at: 2018-05-25 02:15:21
Local clock offset: 0.724 ms
Remote clock offset: -4.435 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 14.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 14.045 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

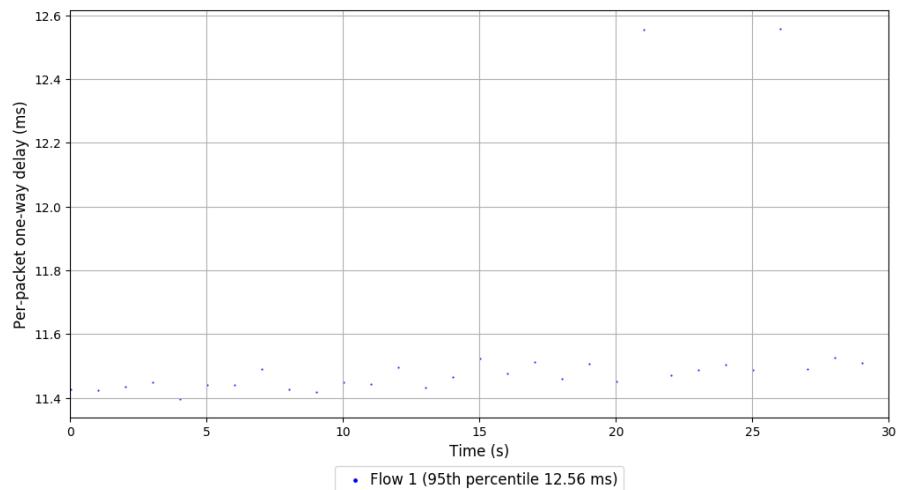
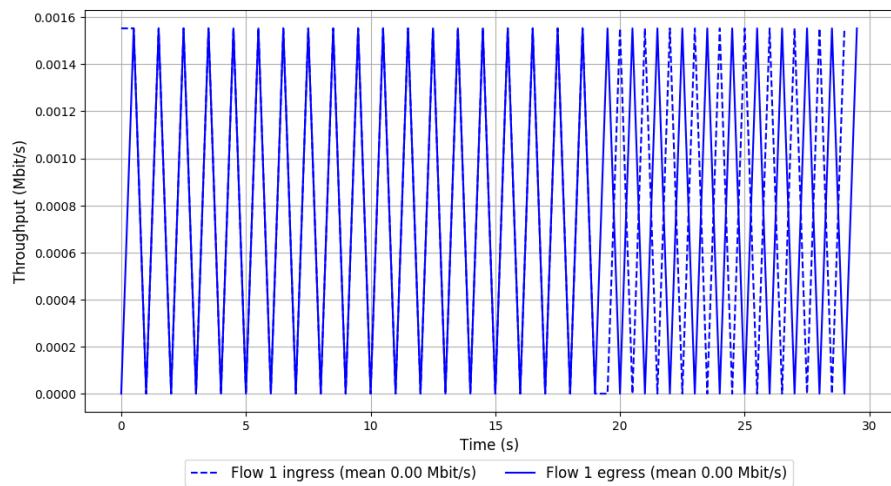


Run 4: Statistics of Verus

```
Start at: 2018-05-25 02:33:10
End at: 2018-05-25 02:33:40
Local clock offset: 1.149 ms
Remote clock offset: 5.264 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.556 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.556 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

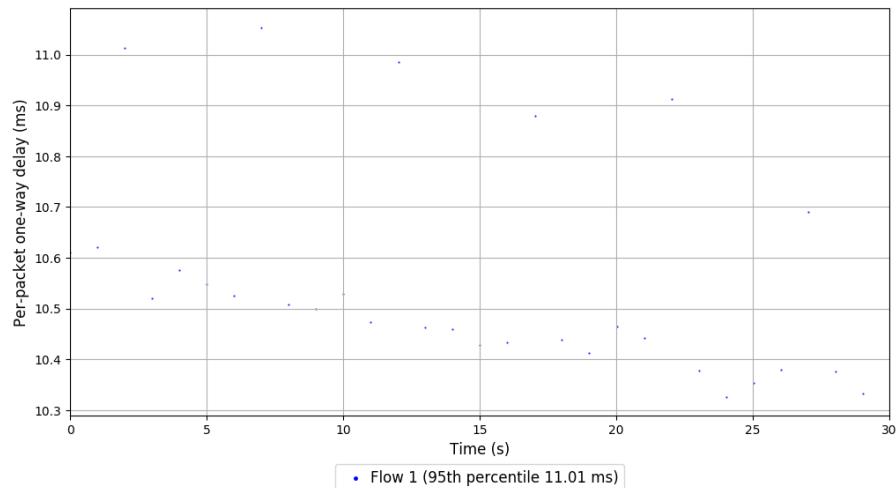
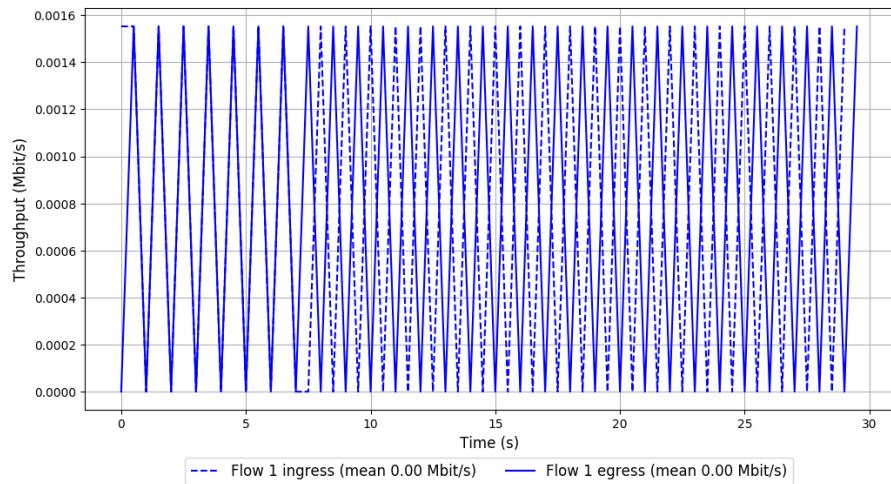


Run 5: Statistics of Verus

```
Start at: 2018-05-25 02:51:41
End at: 2018-05-25 02:52:11
Local clock offset: 0.504 ms
Remote clock offset: 6.599 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 11.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 11.014 ms
Loss rate: 0.00%
```

Run 5: Report of Verus — Data Link

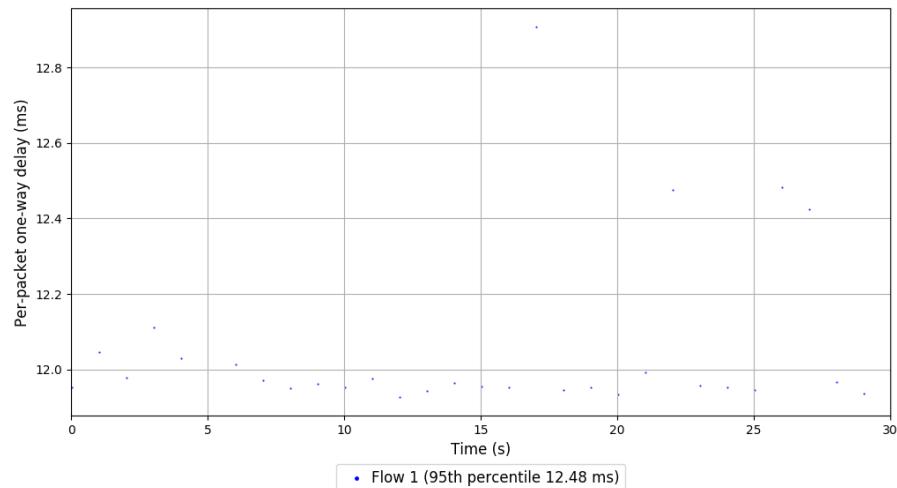
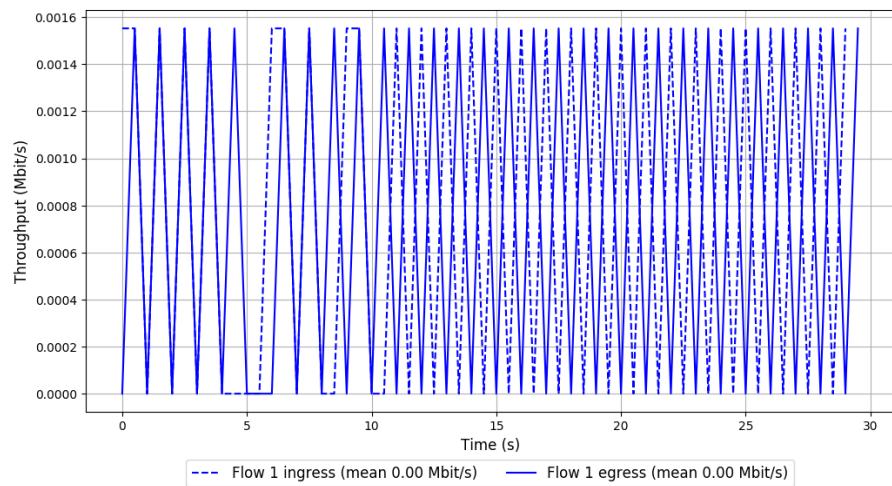


Run 6: Statistics of Verus

```
Start at: 2018-05-25 03:10:06
End at: 2018-05-25 03:10:36
Local clock offset: 3.802 ms
Remote clock offset: 3.986 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.483 ms
Loss rate: 0.00%
```

Run 6: Report of Verus — Data Link

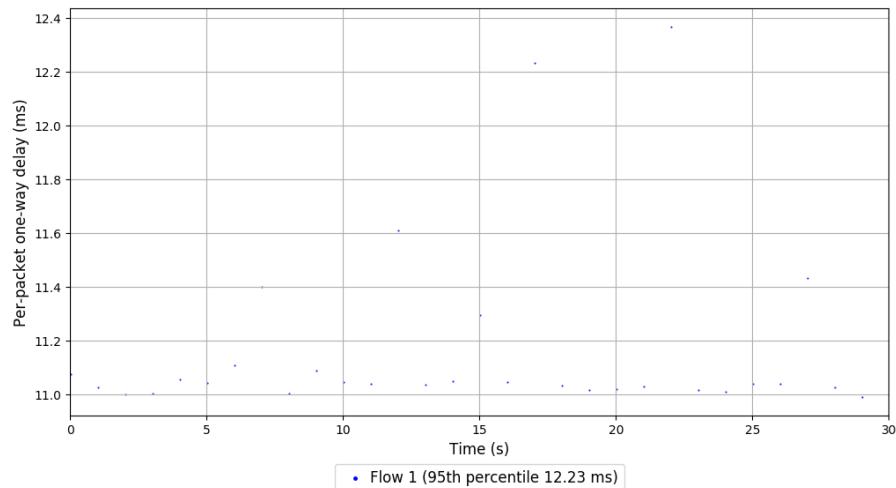
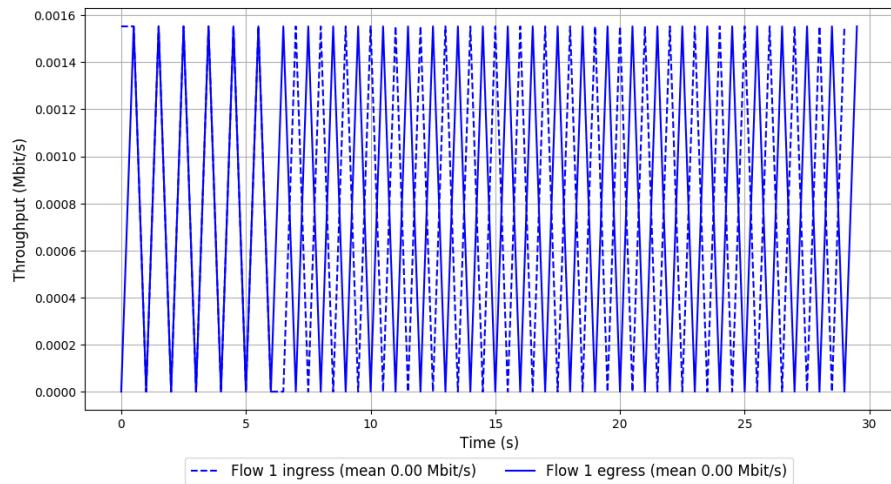


Run 7: Statistics of Verus

```
Start at: 2018-05-25 03:28:49
End at: 2018-05-25 03:29:19
Local clock offset: 2.573 ms
Remote clock offset: 2.708 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.233 ms
Loss rate: 0.00%
```

Run 7: Report of Verus — Data Link

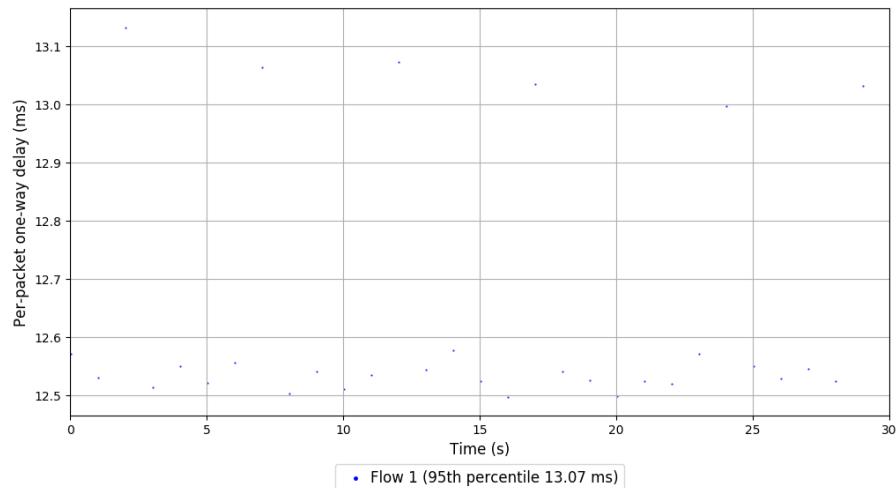
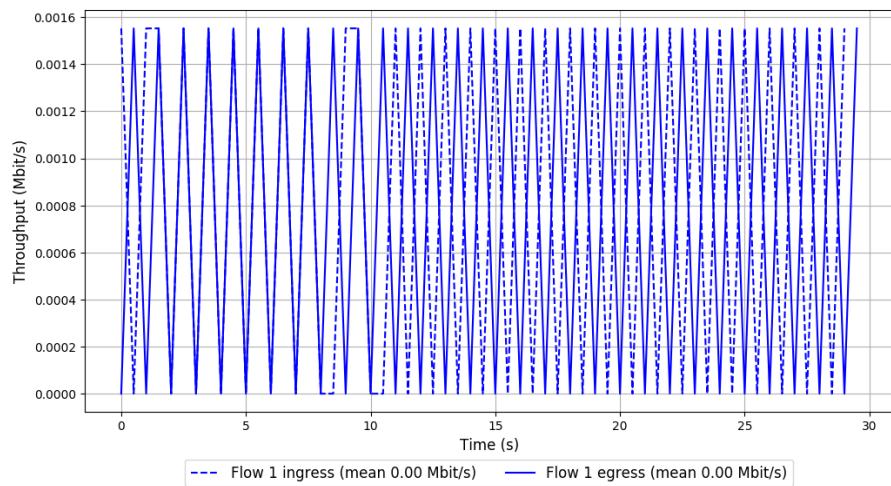


Run 8: Statistics of Verus

```
Start at: 2018-05-25 03:47:21
End at: 2018-05-25 03:47:51
Local clock offset: 3.237 ms
Remote clock offset: 1.793 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.073 ms
Loss rate: 0.00%
```

Run 8: Report of Verus — Data Link

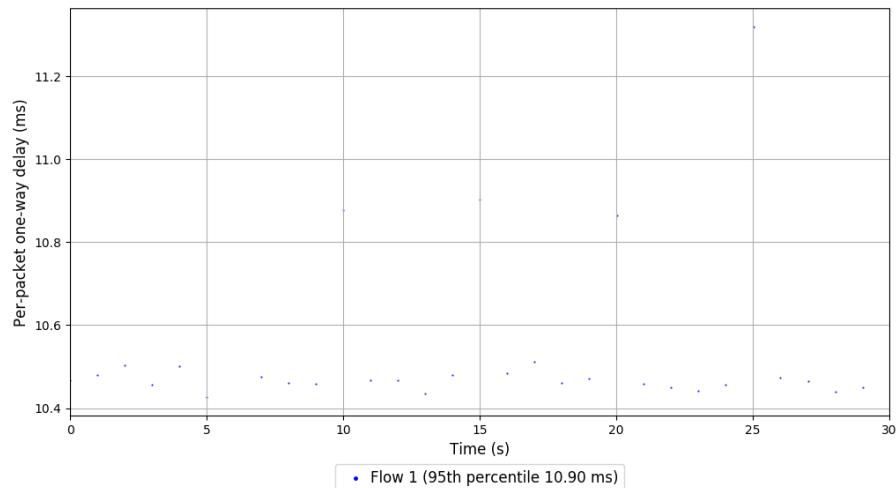
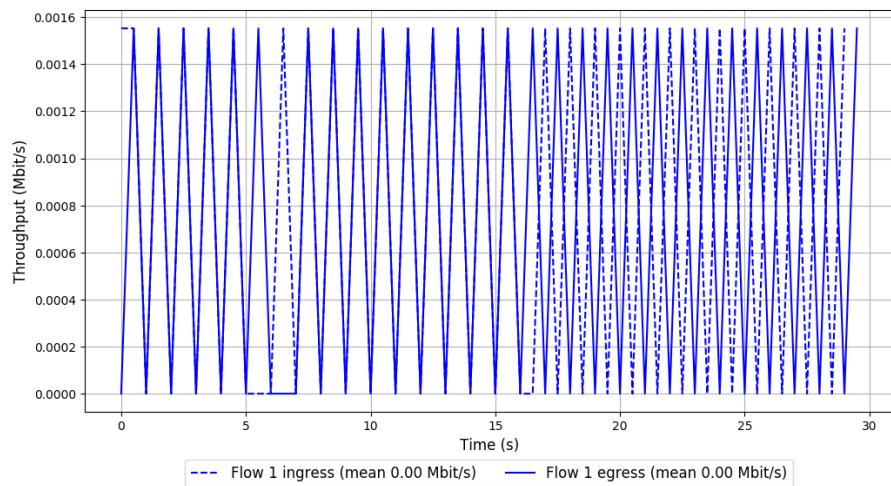


Run 9: Statistics of Verus

```
Start at: 2018-05-25 04:05:27
End at: 2018-05-25 04:05:57
Local clock offset: 1.942 ms
Remote clock offset: 1.637 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 10.904 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 10.904 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

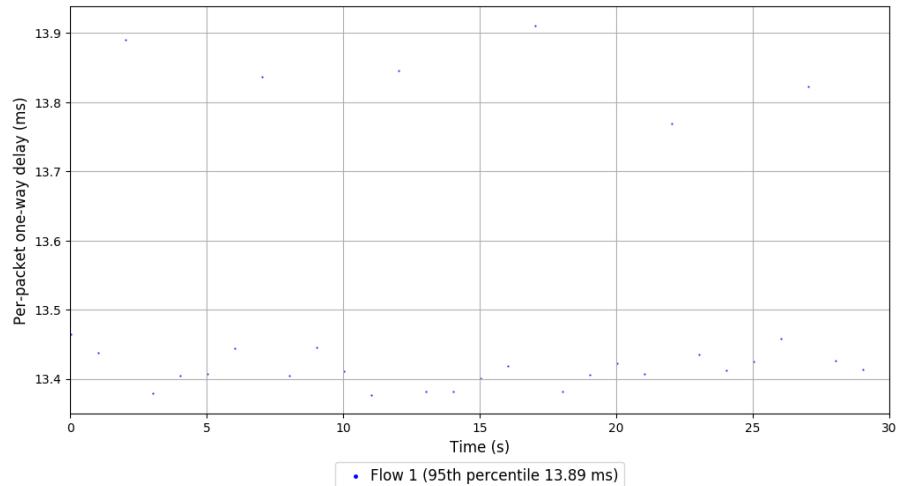
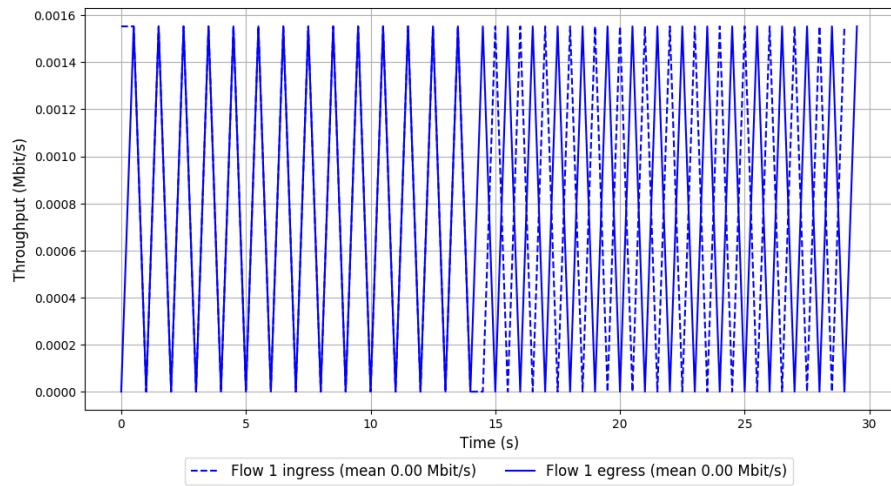


Run 10: Statistics of Verus

```
Start at: 2018-05-25 04:23:54
End at: 2018-05-25 04:24:24
Local clock offset: 3.146 ms
Remote clock offset: -0.588 ms

# Below is generated by plot.py at 2018-05-25 04:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.890 ms
Loss rate: 0.00%
```

Run 10: Report of Verus — Data Link

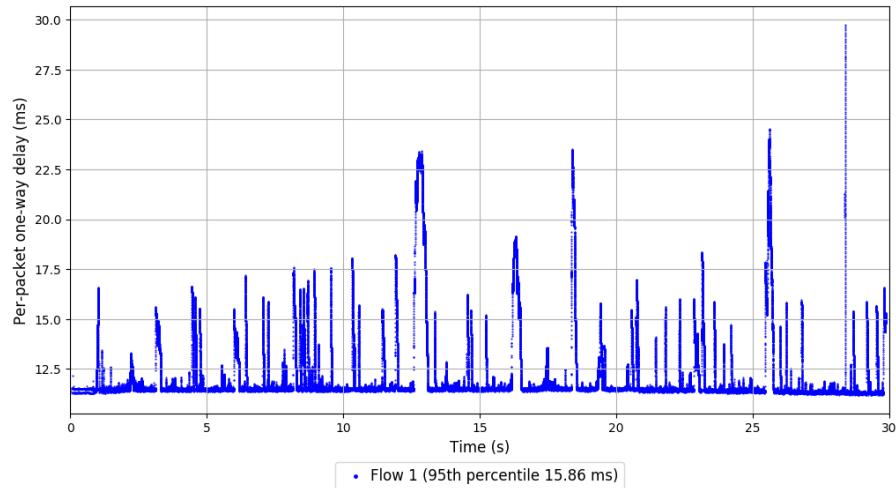
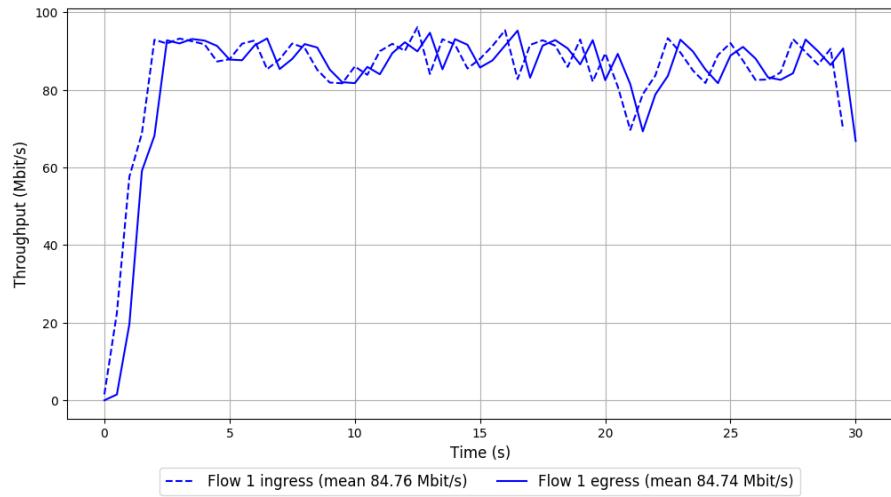


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2018-05-25 01:40:23
End at: 2018-05-25 01:40:53
Local clock offset: 2.819 ms
Remote clock offset: 7.709 ms

# Below is generated by plot.py at 2018-05-25 04:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.74 Mbit/s
95th percentile per-packet one-way delay: 15.862 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 84.74 Mbit/s
95th percentile per-packet one-way delay: 15.862 ms
Loss rate: 0.10%
```

Run 1: Report of PCC-Vivace — Data Link

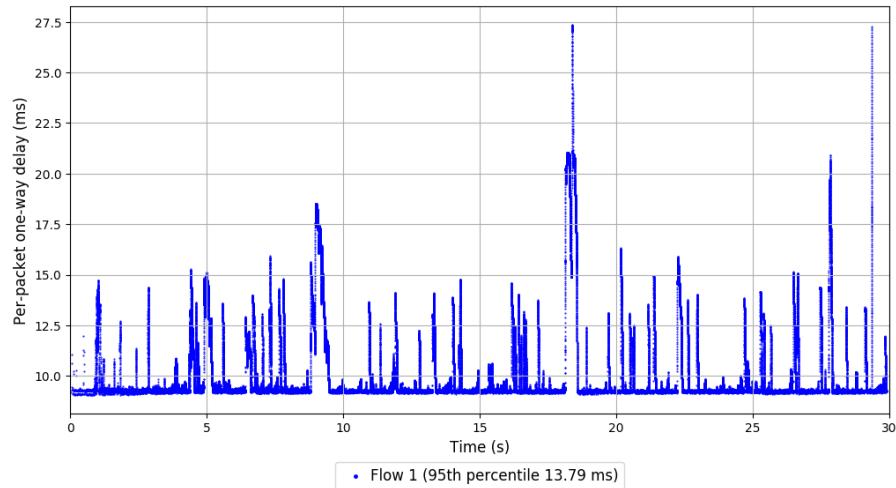
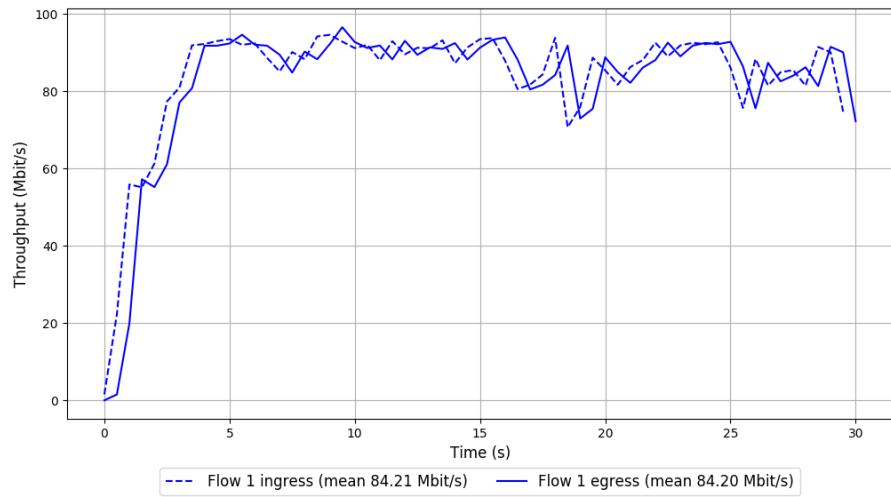


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-05-25 01:58:44
End at: 2018-05-25 01:59:14
Local clock offset: 1.408 ms
Remote clock offset: -1.18 ms

# Below is generated by plot.py at 2018-05-25 04:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 13.788 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 13.788 ms
Loss rate: 0.08%
```

Run 2: Report of PCC-Vivace — Data Link

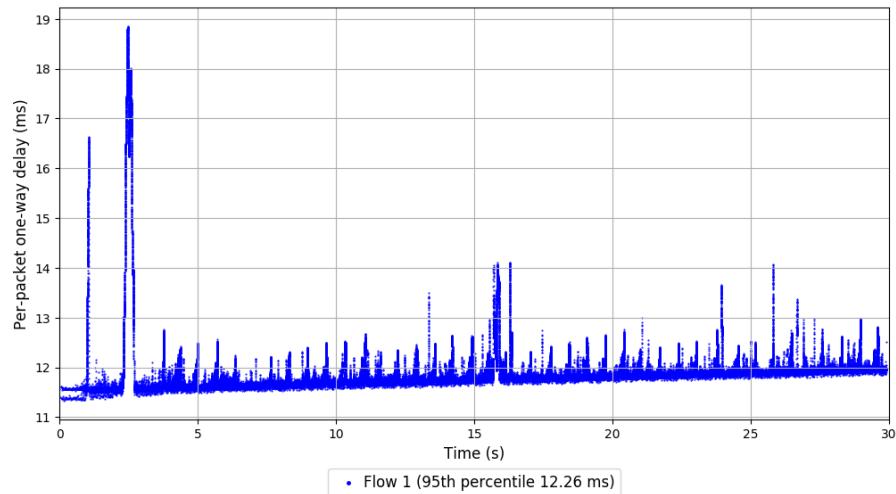
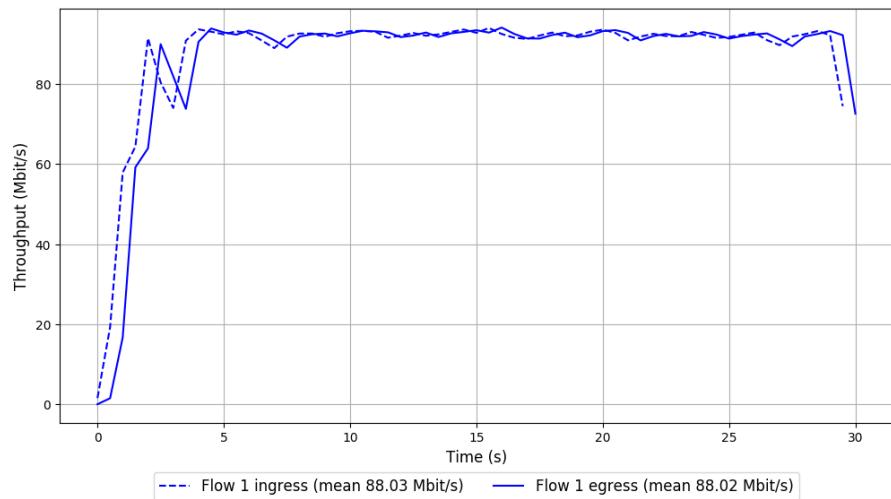


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-05-25 02:17:04
End at: 2018-05-25 02:17:34
Local clock offset: 1.317 ms
Remote clock offset: -2.104 ms

# Below is generated by plot.py at 2018-05-25 04:51:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 12.256 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 12.256 ms
Loss rate: 0.08%
```

Run 3: Report of PCC-Vivace — Data Link

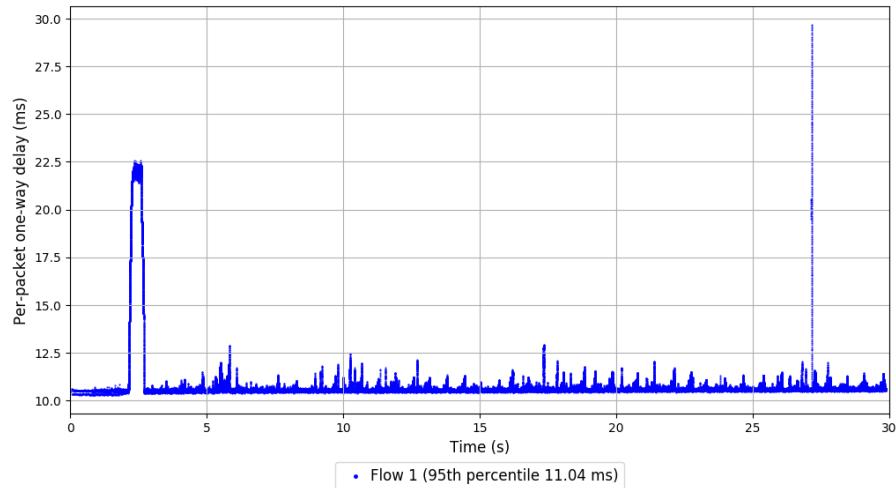
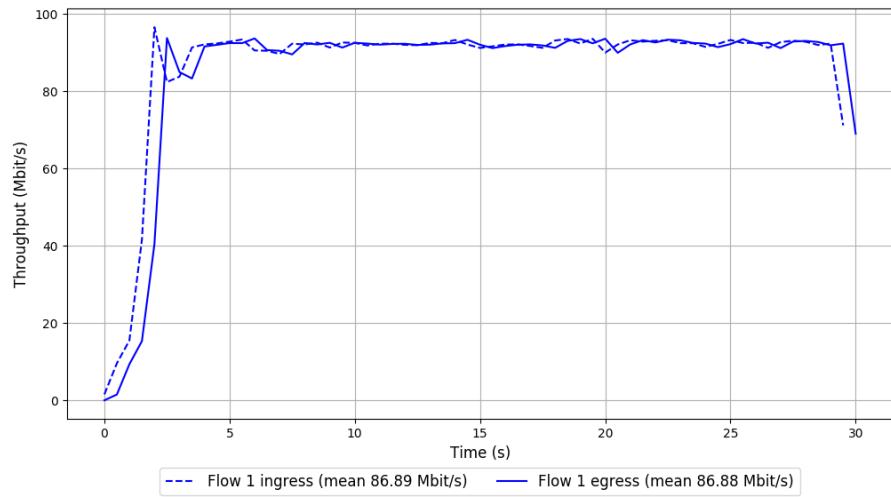


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-05-25 02:35:24
End at: 2018-05-25 02:35:54
Local clock offset: 1.02 ms
Remote clock offset: 6.638 ms

# Below is generated by plot.py at 2018-05-25 04:51:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 11.037 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 11.037 ms
Loss rate: 0.08%
```

Run 4: Report of PCC-Vivace — Data Link

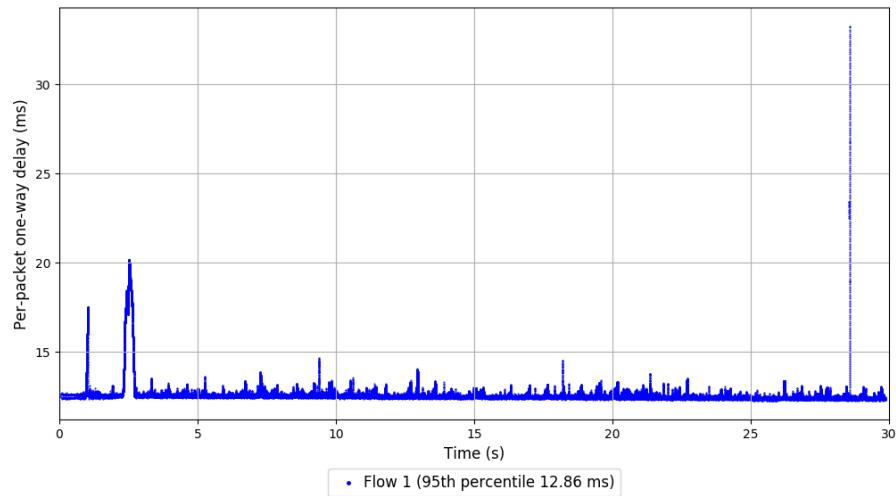
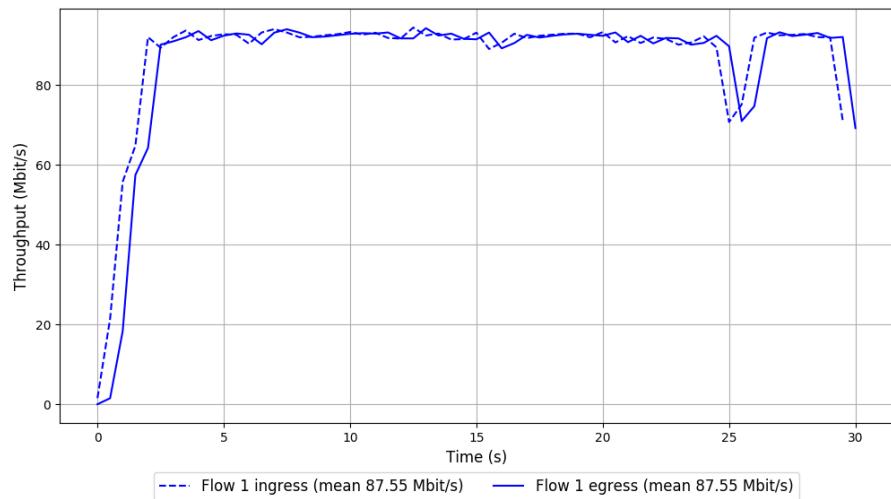


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-05-25 02:53:54
End at: 2018-05-25 02:54:24
Local clock offset: 2.952 ms
Remote clock offset: 6.164 ms

# Below is generated by plot.py at 2018-05-25 04:52:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 12.864 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 12.864 ms
Loss rate: 0.08%
```

Run 5: Report of PCC-Vivace — Data Link

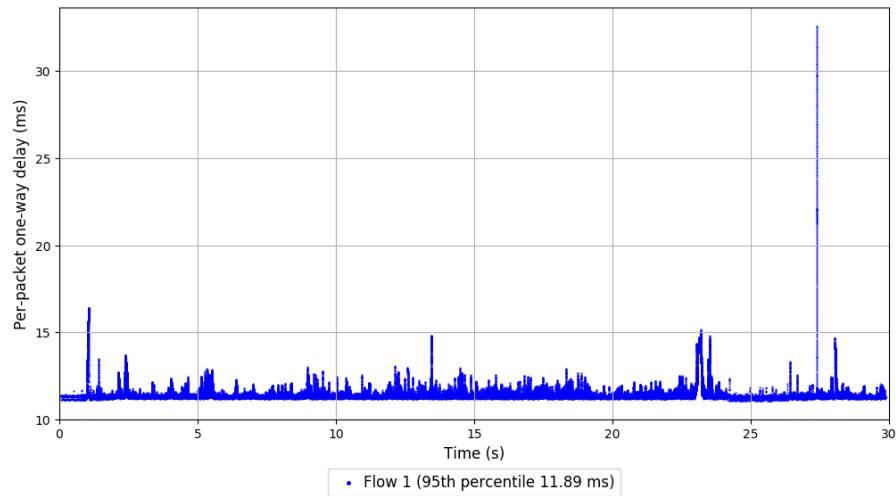
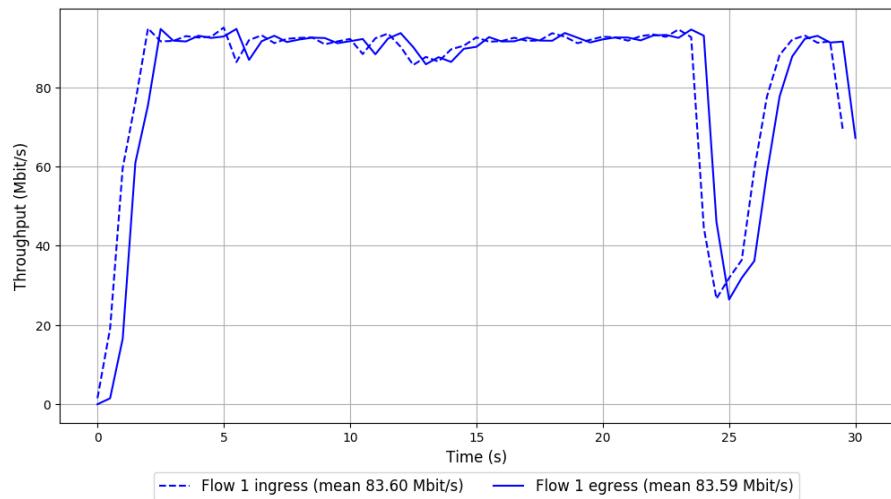


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-05-25 03:12:21
End at: 2018-05-25 03:12:51
Local clock offset: 3.473 ms
Remote clock offset: 4.295 ms

# Below is generated by plot.py at 2018-05-25 04:52:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 11.894 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 11.894 ms
Loss rate: 0.08%
```

Run 6: Report of PCC-Vivace — Data Link

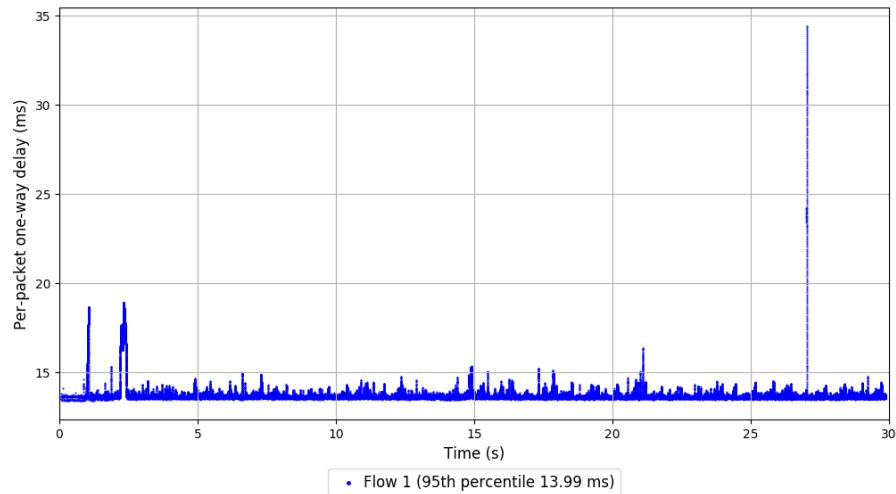
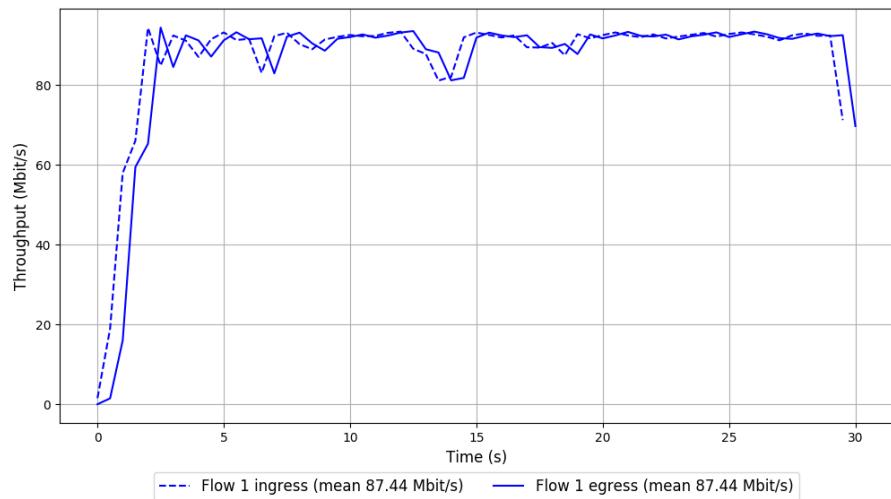


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-05-25 03:31:02
End at: 2018-05-25 03:31:32
Local clock offset: 3.341 ms
Remote clock offset: 0.946 ms

# Below is generated by plot.py at 2018-05-25 04:52:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 13.993 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 13.993 ms
Loss rate: 0.08%
```

Run 7: Report of PCC-Vivace — Data Link

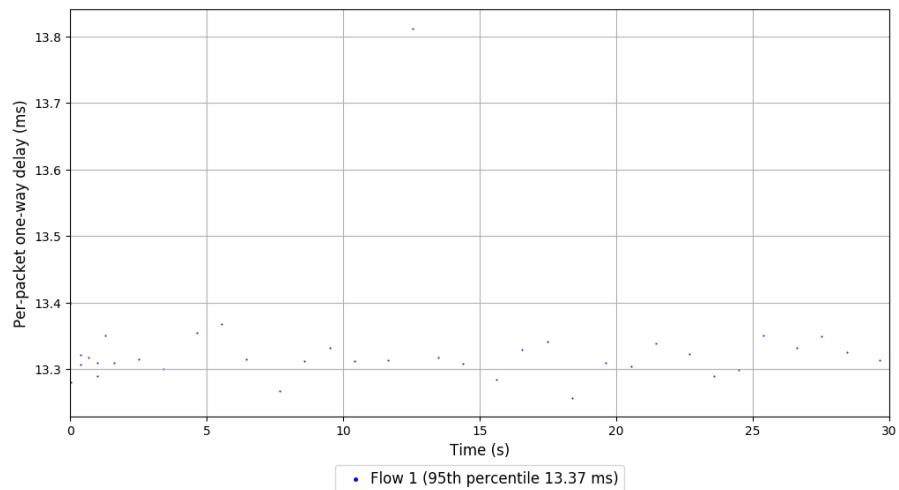
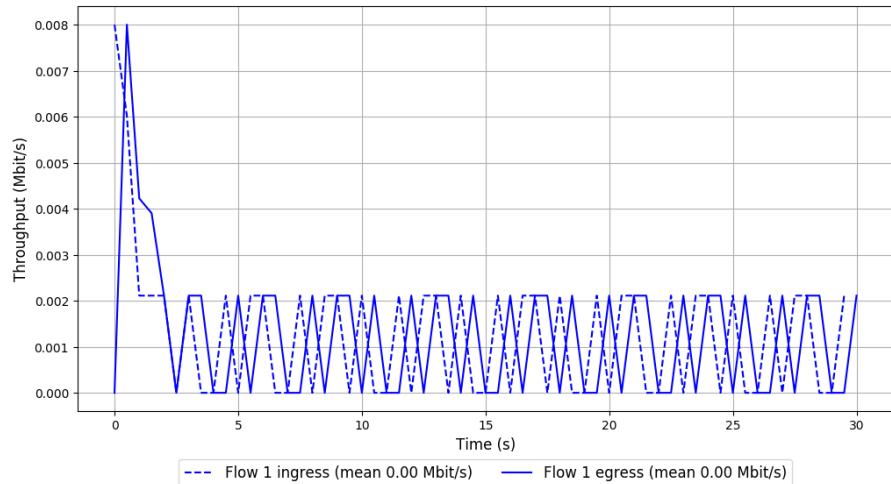


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-05-25 03:49:35
End at: 2018-05-25 03:50:05
Local clock offset: 1.156 ms
Remote clock offset: -1.058 ms

# Below is generated by plot.py at 2018-05-25 04:52:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 13.368 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Vivace — Data Link

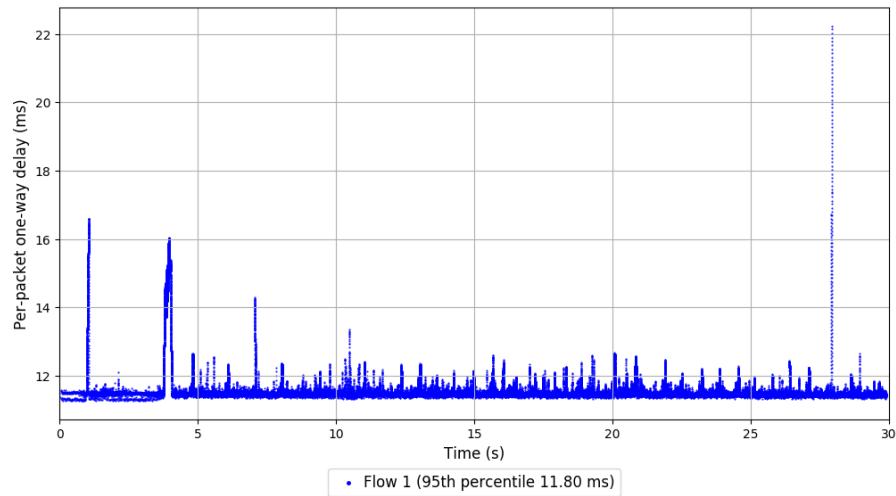
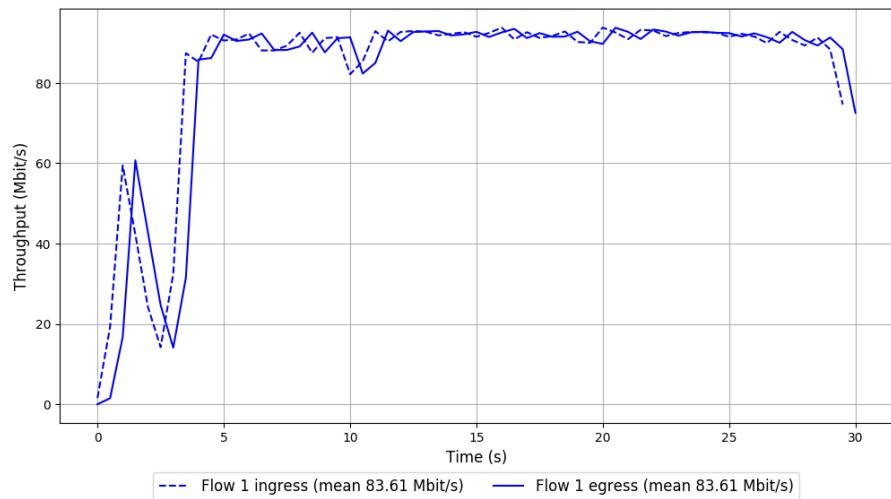


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-05-25 04:07:40
End at: 2018-05-25 04:08:10
Local clock offset: 2.484 ms
Remote clock offset: 1.229 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 11.801 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 11.801 ms
Loss rate: 0.08%
```

Run 9: Report of PCC-Vivace — Data Link

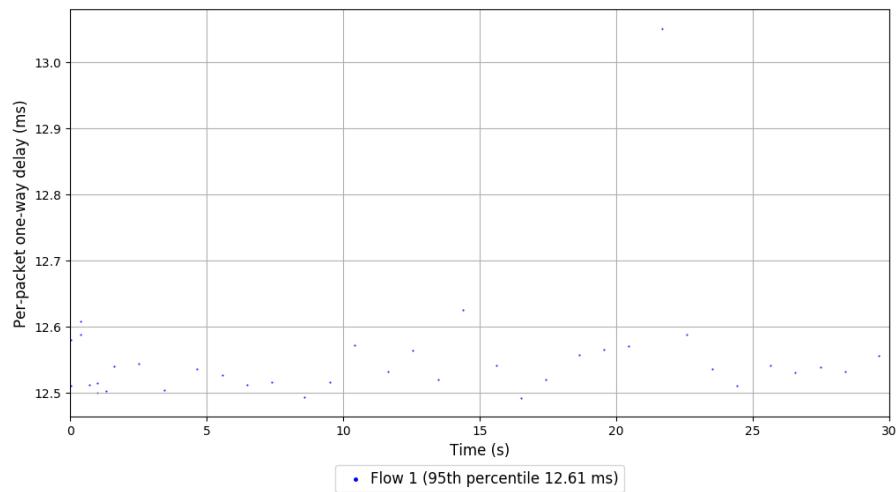
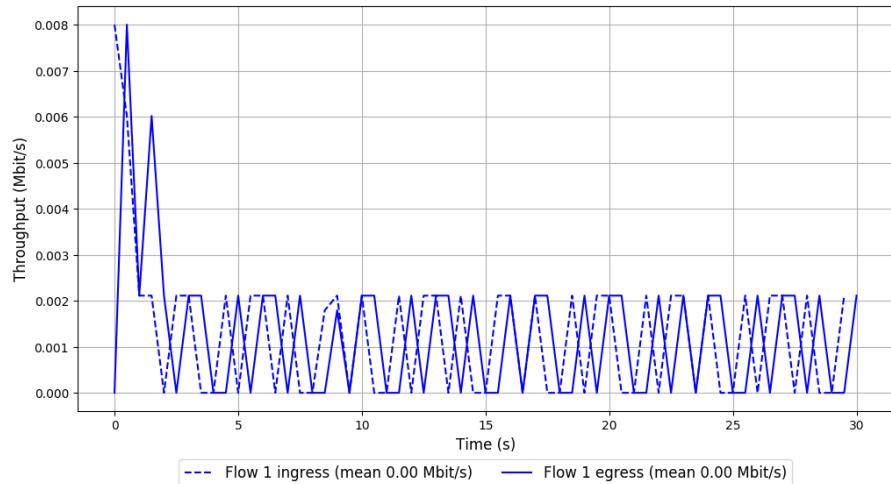


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-05-25 04:26:07
End at: 2018-05-25 04:26:37
Local clock offset: 2.985 ms
Remote clock offset: 0.187 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.609 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 12.609 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Vivace — Data Link

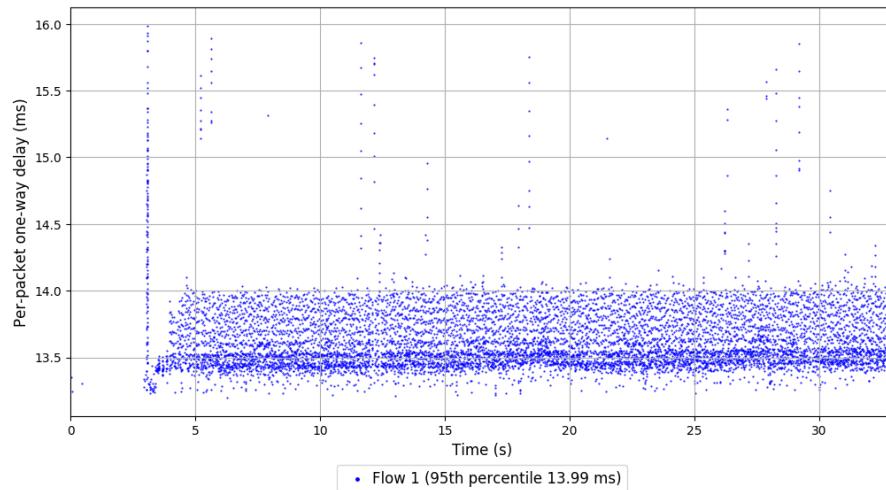
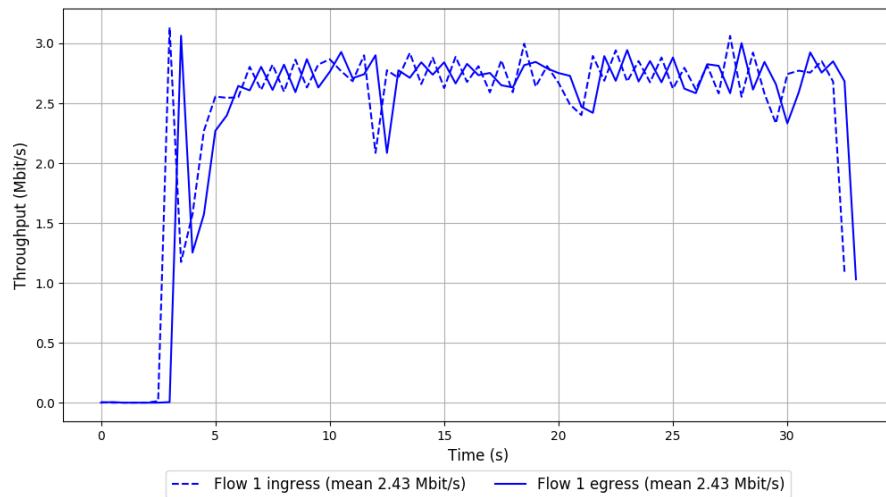


```
Run 1: Statistics of WebRTC media

Start at: 2018-05-25 01:33:39
End at: 2018-05-25 01:34:09
Local clock offset: 4.259 ms
Remote clock offset: 6.637 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.987 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.987 ms
Loss rate: 0.04%
```

Run 1: Report of WebRTC media — Data Link

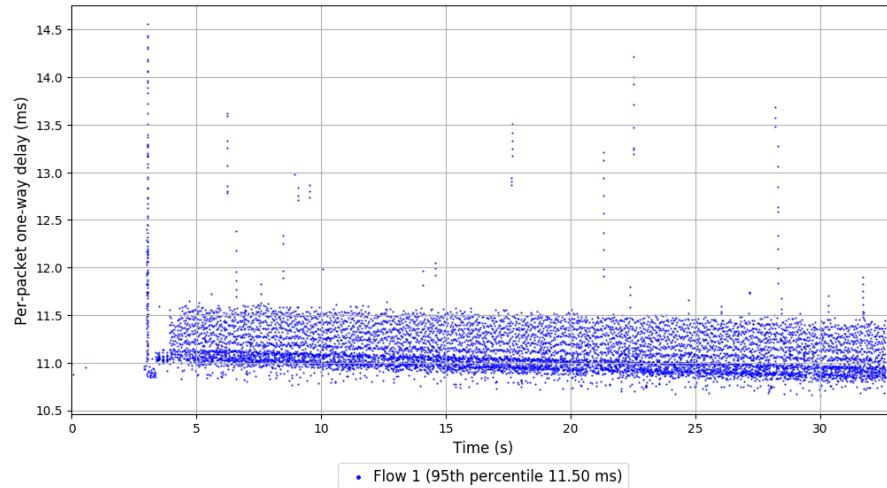
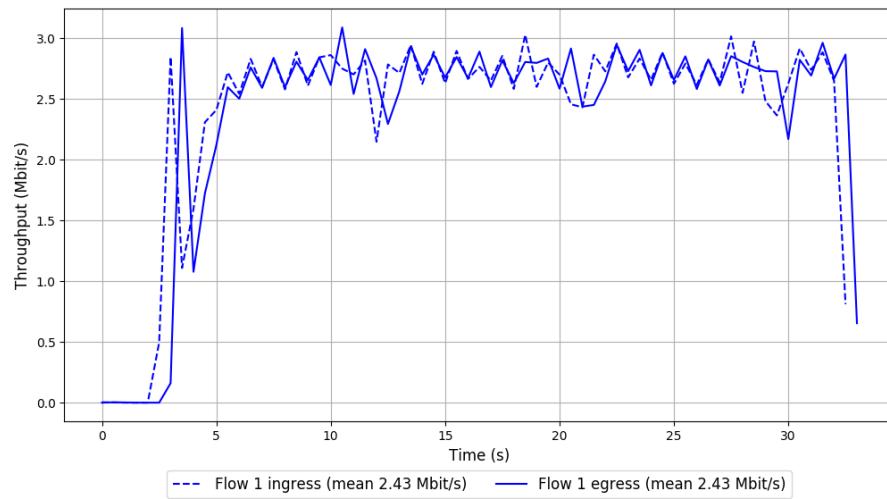


Run 2: Statistics of WebRTC media

```
Start at: 2018-05-25 01:52:02
End at: 2018-05-25 01:52:32
Local clock offset: 3.107 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.502 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.502 ms
Loss rate: 0.10%
```

Run 2: Report of WebRTC media — Data Link

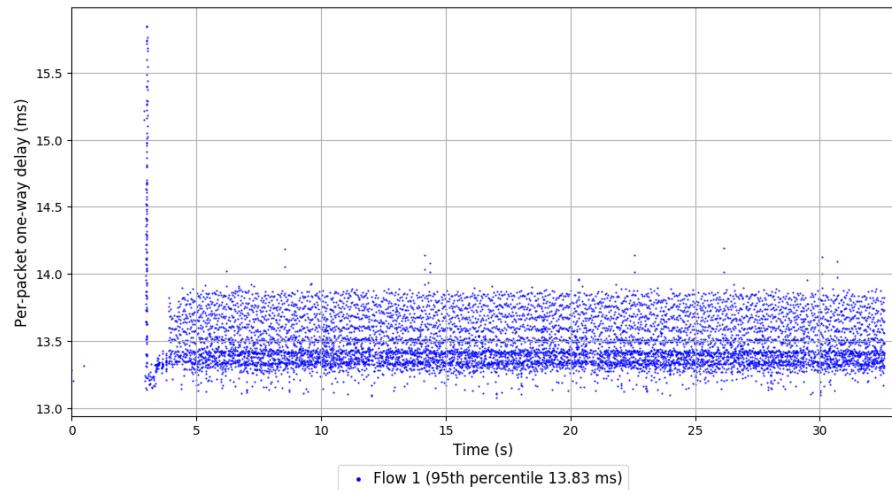
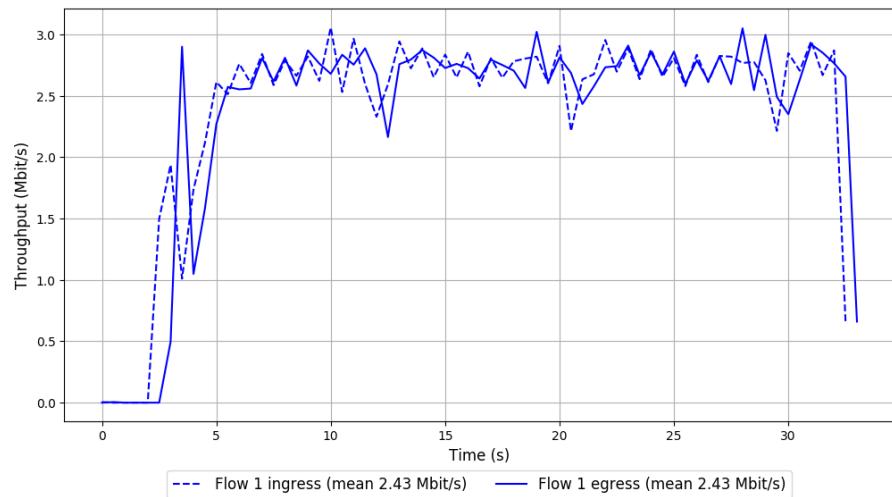


```
Run 3: Statistics of WebRTC media

Start at: 2018-05-25 02:10:20
End at: 2018-05-25 02:10:50
Local clock offset: 1.298 ms
Remote clock offset: -5.493 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.834 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.834 ms
Loss rate: 0.14%
```

Run 3: Report of WebRTC media — Data Link

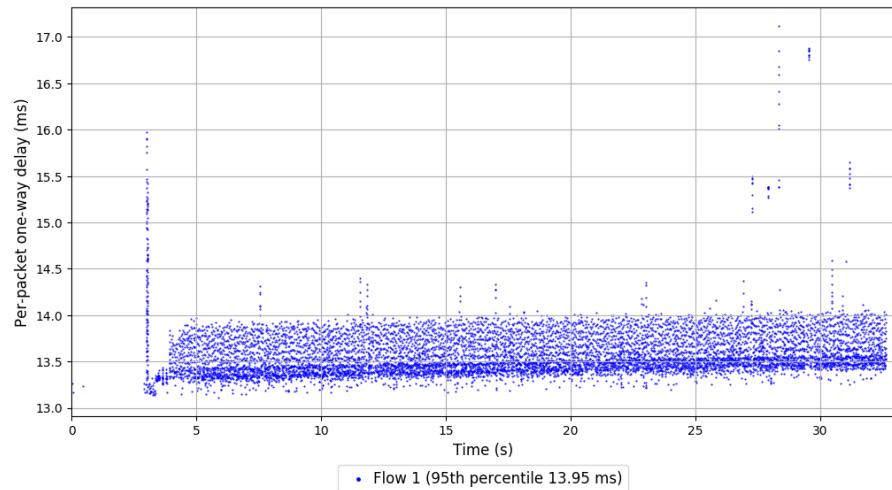
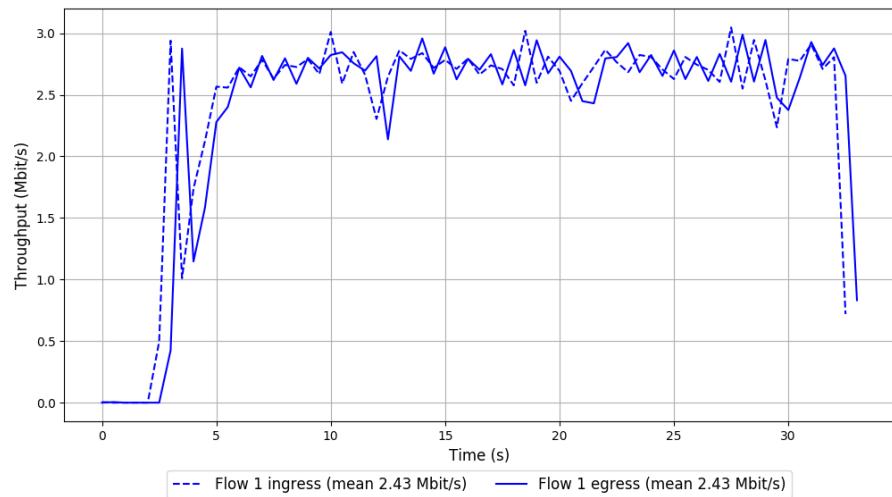


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-25 02:28:37
End at: 2018-05-25 02:29:07
Local clock offset: 2.21 ms
Remote clock offset: 3.345 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.949 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.949 ms
Loss rate: 0.02%
```

Run 4: Report of WebRTC media — Data Link

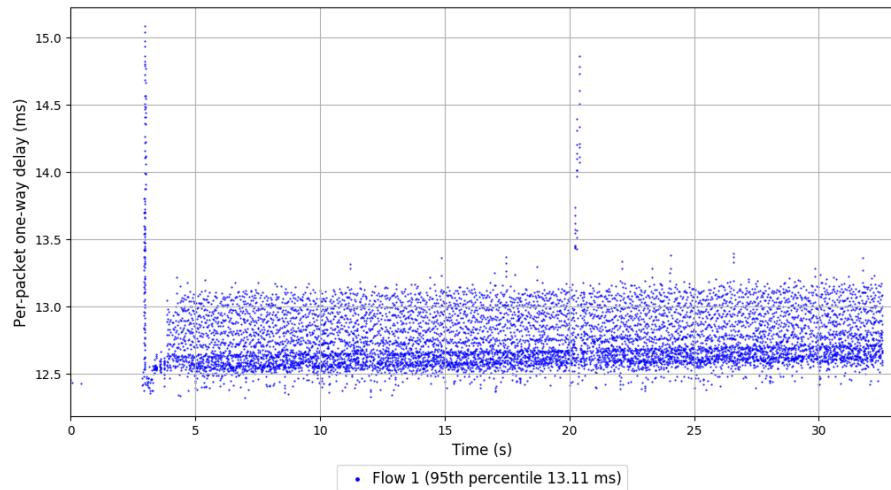
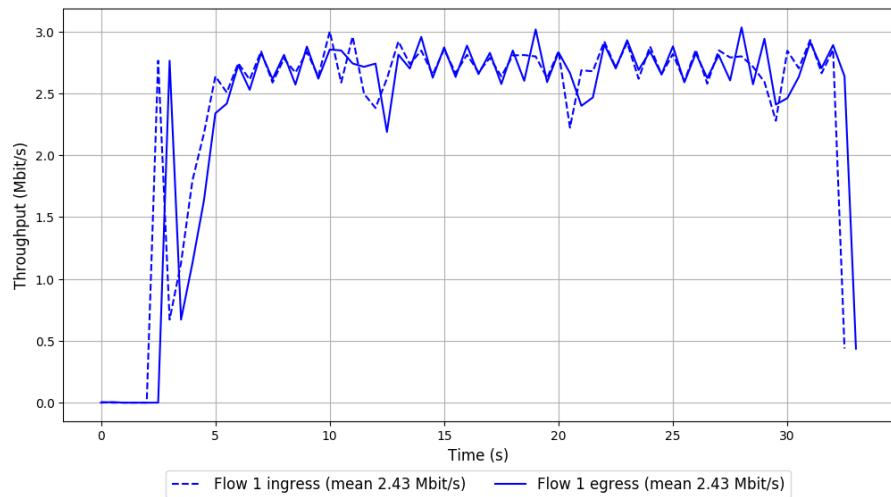


```
Run 5: Statistics of WebRTC media

Start at: 2018-05-25 02:47:08
End at: 2018-05-25 02:47:38
Local clock offset: 1.298 ms
Remote clock offset: 6.864 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.107 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.107 ms
Loss rate: 0.14%
```

Run 5: Report of WebRTC media — Data Link

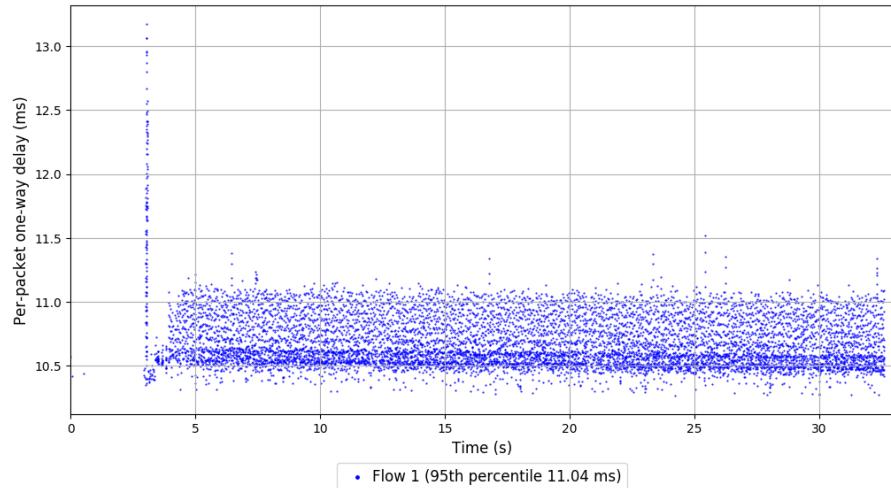
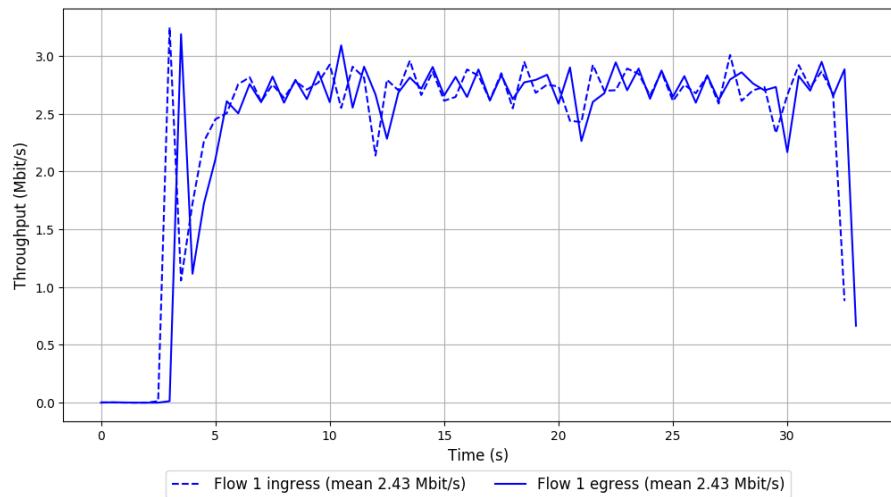


```
Run 6: Statistics of WebRTC media

Start at: 2018-05-25 03:05:39
End at: 2018-05-25 03:06:09
Local clock offset: 1.059 ms
Remote clock offset: 3.211 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.039 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.039 ms
Loss rate: 0.14%
```

Run 6: Report of WebRTC media — Data Link

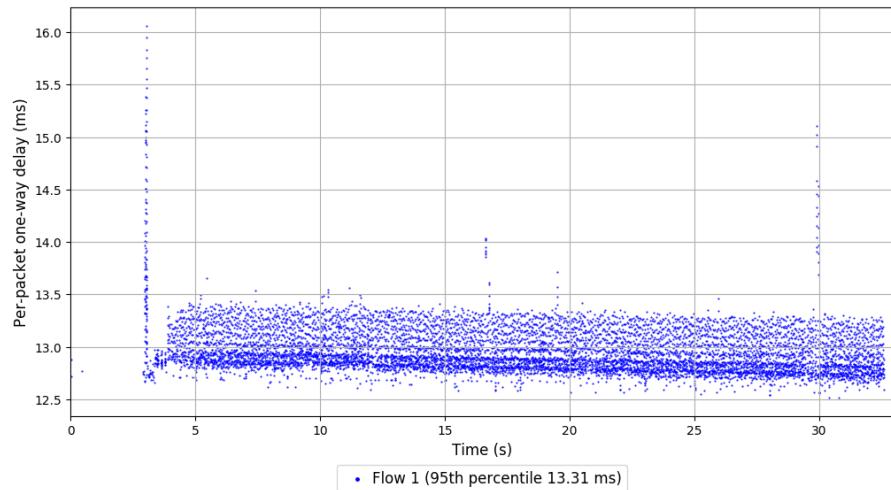
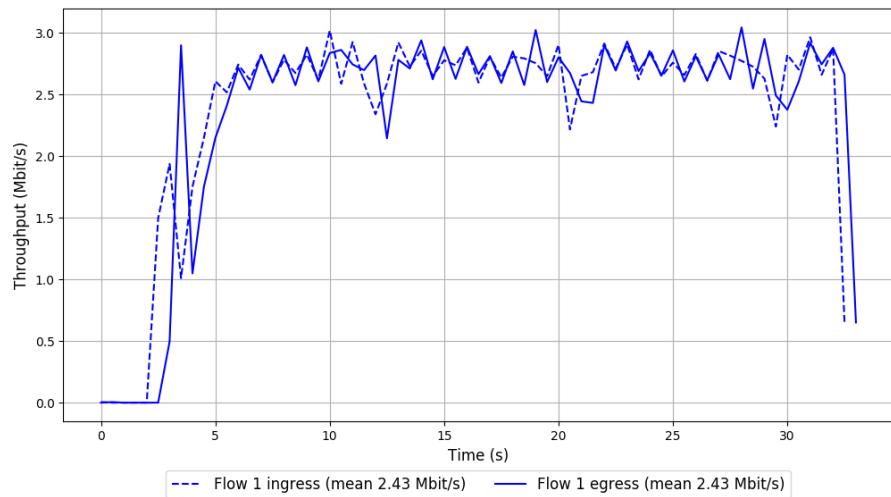


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-25 03:24:06
End at: 2018-05-25 03:24:36
Local clock offset: 4.726 ms
Remote clock offset: 3.488 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.307 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.307 ms
Loss rate: 0.13%
```

Run 7: Report of WebRTC media — Data Link

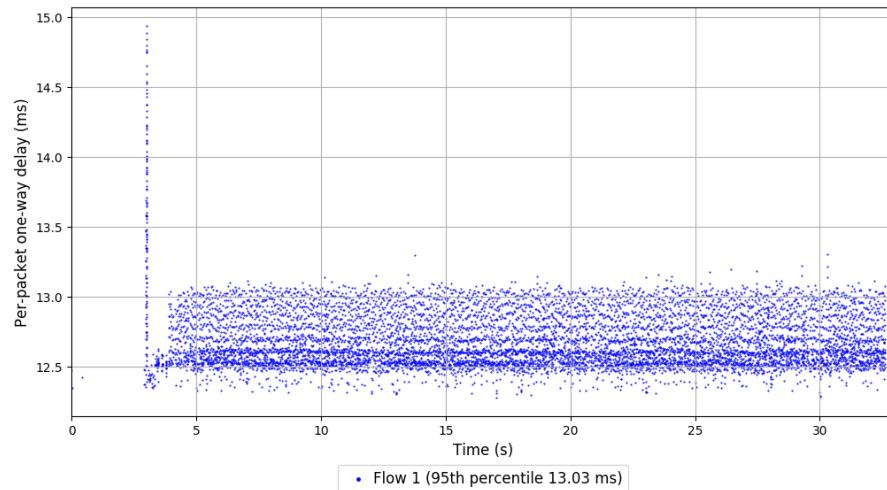
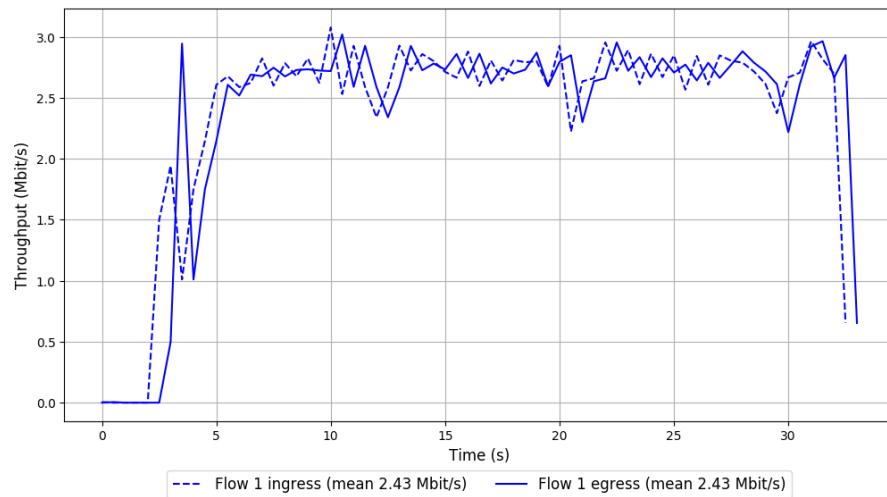


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-25 03:42:51
End at: 2018-05-25 03:43:21
Local clock offset: 3.246 ms
Remote clock offset: 1.928 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.028 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 13.028 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

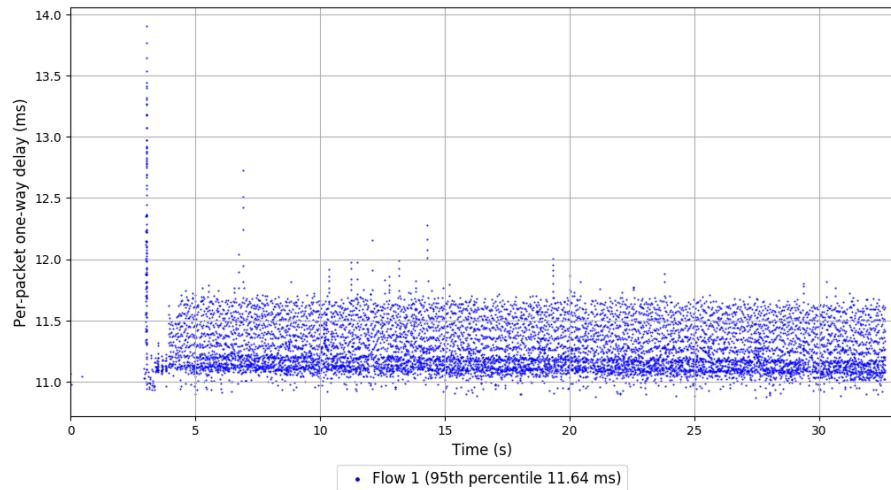
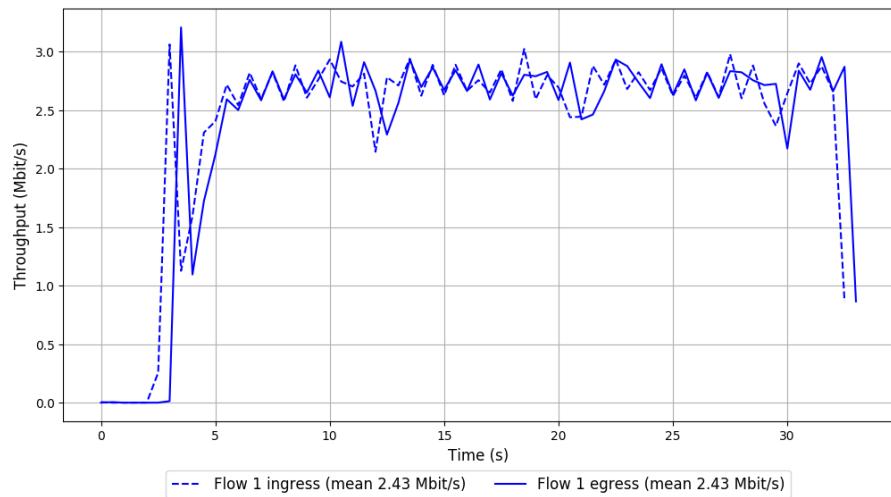


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-25 04:01:01
End at: 2018-05-25 04:01:31
Local clock offset: 0.051 ms
Remote clock offset: -0.491 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.640 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2018-05-25 04:19:22
End at: 2018-05-25 04:19:52
Local clock offset: 2.709 ms
Remote clock offset: 1.641 ms

# Below is generated by plot.py at 2018-05-25 04:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.544 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 11.544 ms
Loss rate: 0.10%
```

Run 10: Report of WebRTC media — Data Link

