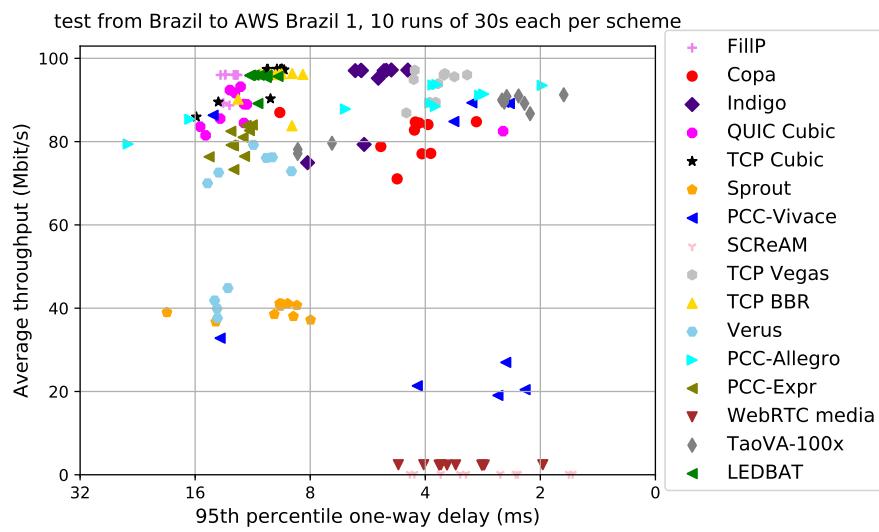
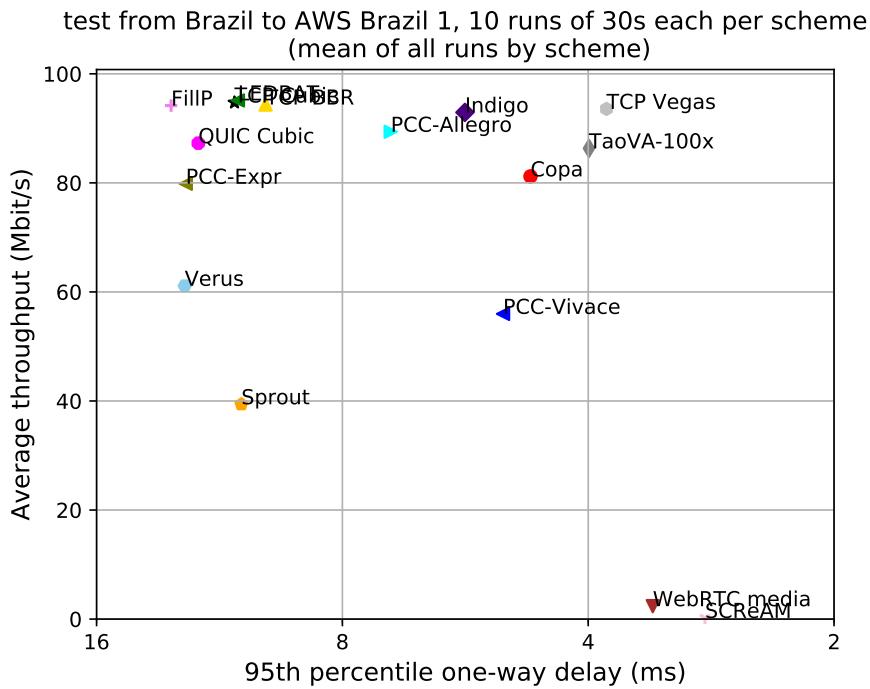


Pantheon Report

Generated at 2018-06-05 22:53:04 (UTC).
Data path: Brazil Ethernet (*remote*) → AWS Brazil 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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 227fdf9a3757f17b88537cceed5743a33037a3d2  
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  
  M src/ScreamClient  
  M src/ScreamServer  
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f  
  M src/examples/cellsim.cc  
  M src/examples/sproutbt2.cc  
  M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
  M src/verus.hpp  
  M tools/plot.py  
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4  
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



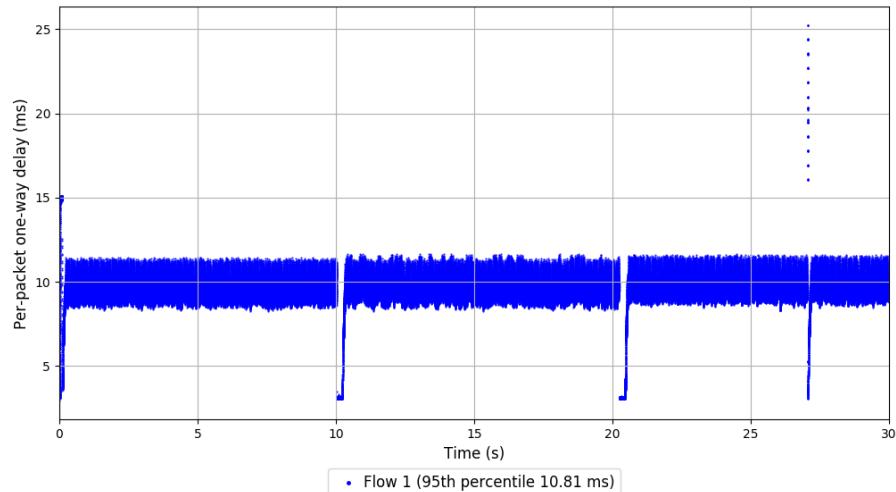
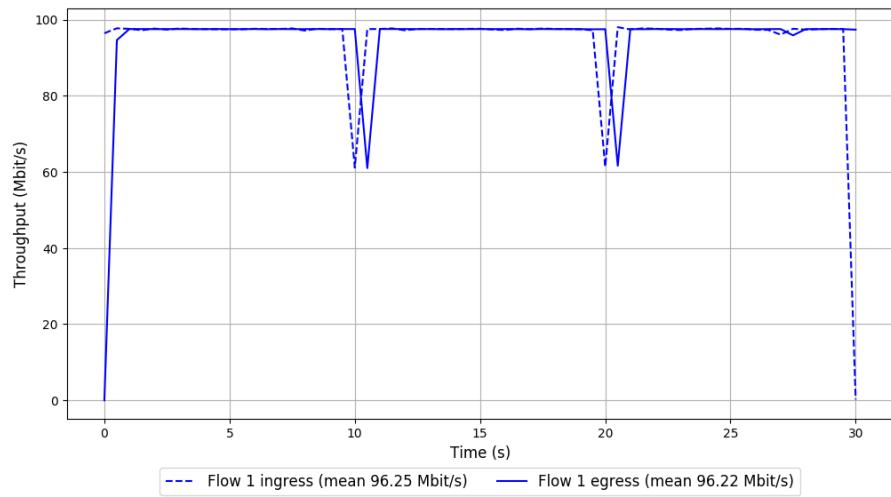
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.36	9.93	0.04
Copa	10	81.19	4.71	0.02
TCP Cubic	10	94.73	10.84	0.05
FillP	10	94.17	12.97	0.04
Indigo	10	92.93	5.66	0.02
LEDBAT	10	95.12	10.74	0.08
PCC-Allegro	10	89.36	6.98	0.22
PCC-Expr	10	79.83	12.44	0.10
QUIC Cubic	10	87.28	12.01	0.06
SCReAM	10	0.22	2.88	0.00
Sprout	10	39.40	10.64	0.03
TaoVA-100x	10	86.33	3.99	0.02
TCP Vegas	10	93.56	3.80	0.02
Verus	10	61.12	12.48	0.02
PCC-Vivace	10	55.97	5.09	0.04
WebRTC media	10	2.37	3.33	0.02

Run 1: Statistics of TCP BBR

```
Start at: 2018-06-05 19:42:49
End at: 2018-06-05 19:43:19
Local clock offset: -0.607 ms
Remote clock offset: -1.901 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 10.809 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 10.809 ms
Loss rate: 0.04%
```

Run 1: Report of TCP BBR — Data Link

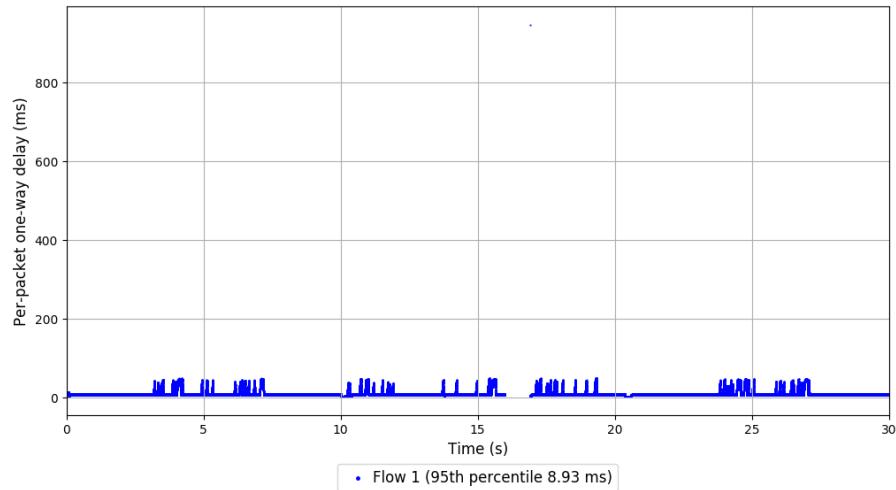
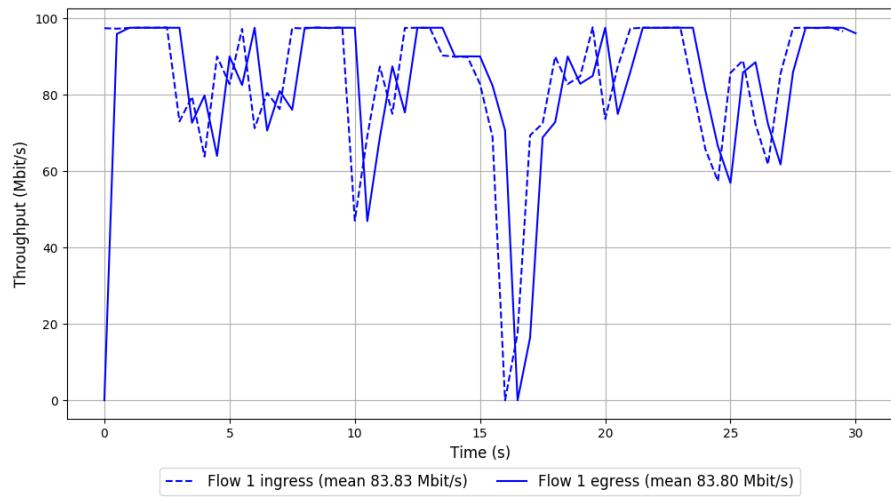


Run 2: Statistics of TCP BBR

```
Start at: 2018-06-05 20:00:41
End at: 2018-06-05 20:01:11
Local clock offset: 0.265 ms
Remote clock offset: -1.459 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 8.932 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 8.932 ms
Loss rate: 0.04%
```

Run 2: Report of TCP BBR — Data Link

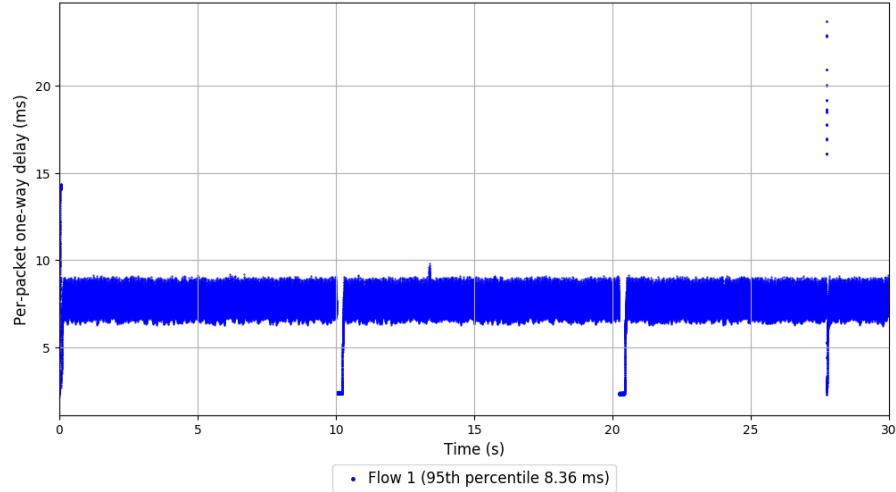
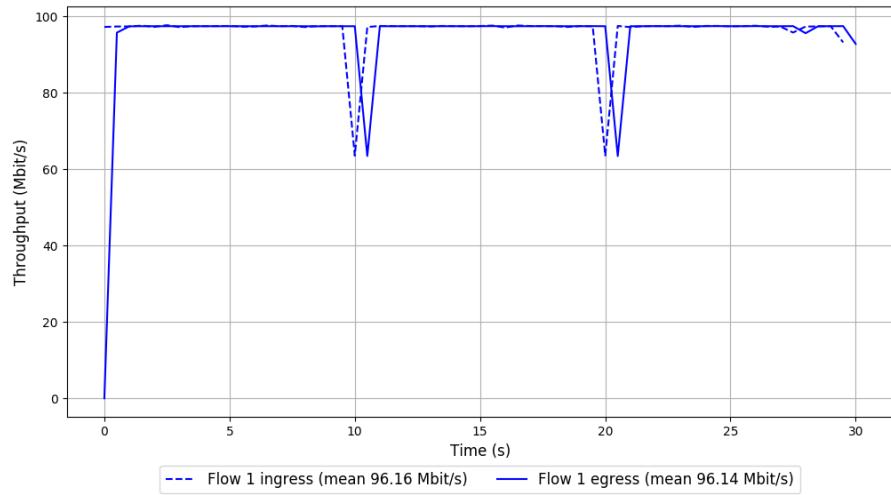


Run 3: Statistics of TCP BBR

```
Start at: 2018-06-05 20:18:30
End at: 2018-06-05 20:19:00
Local clock offset: 2.48 ms
Remote clock offset: -1.261 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 8.364 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 8.364 ms
Loss rate: 0.03%
```

Run 3: Report of TCP BBR — Data Link

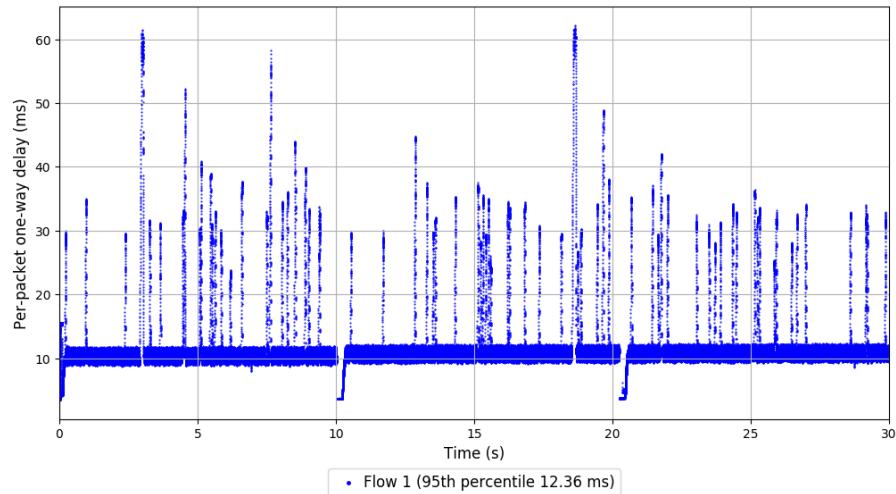
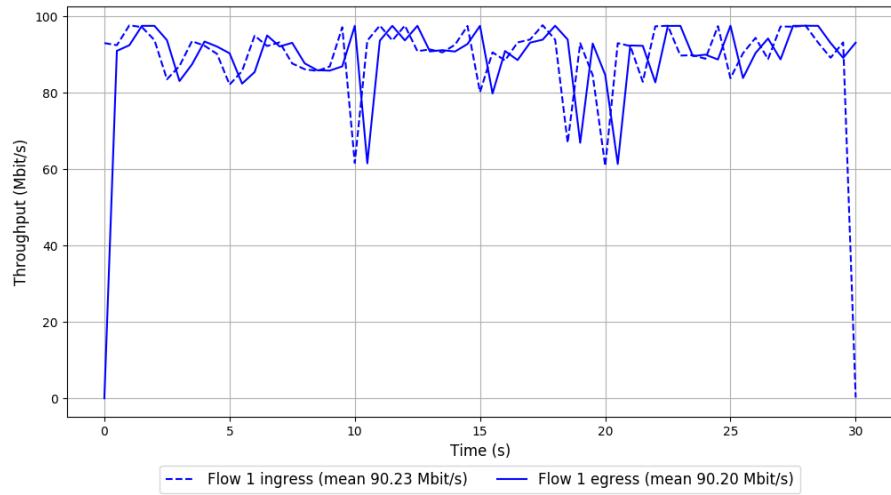


Run 4: Statistics of TCP BBR

```
Start at: 2018-06-05 20:36:18
End at: 2018-06-05 20:36:48
Local clock offset: 2.418 ms
Remote clock offset: -5.603 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 12.355 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 12.355 ms
Loss rate: 0.05%
```

Run 4: Report of TCP BBR — Data Link

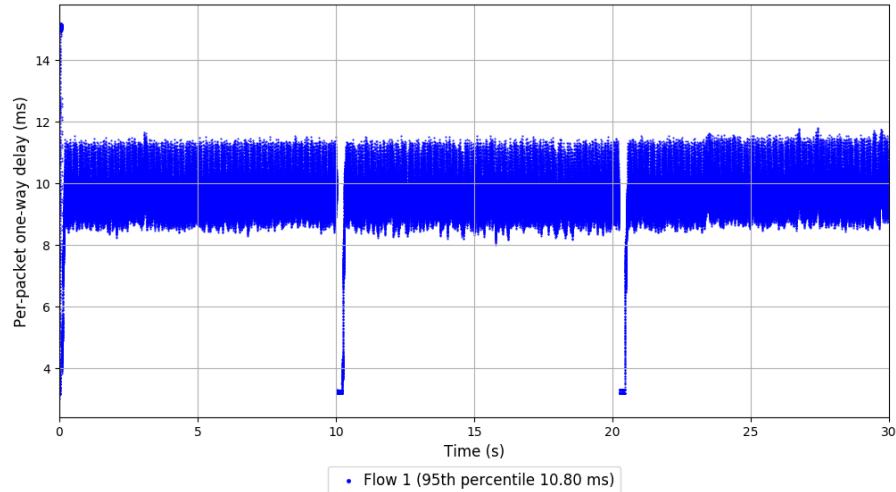
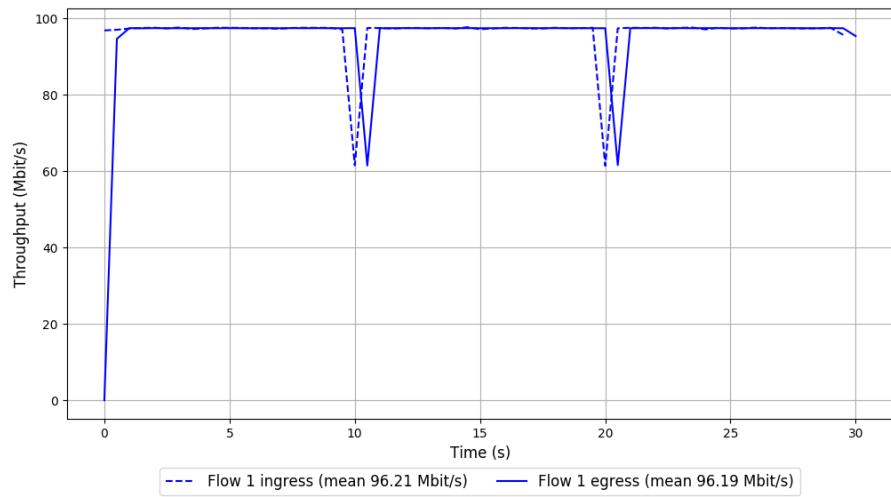


Run 5: Statistics of TCP BBR

```
Start at: 2018-06-05 20:54:06
End at: 2018-06-05 20:54:36
Local clock offset: -5.011 ms
Remote clock offset: -8.441 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 10.802 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 10.802 ms
Loss rate: 0.04%
```

Run 5: Report of TCP BBR — Data Link

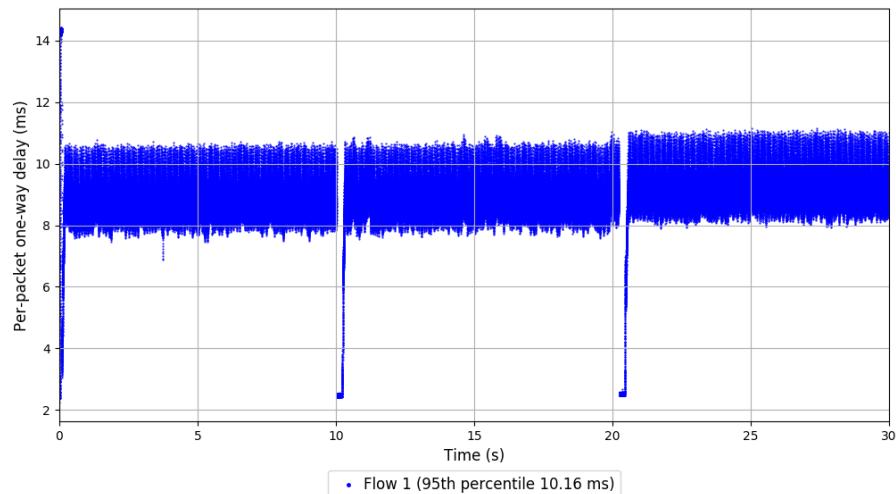
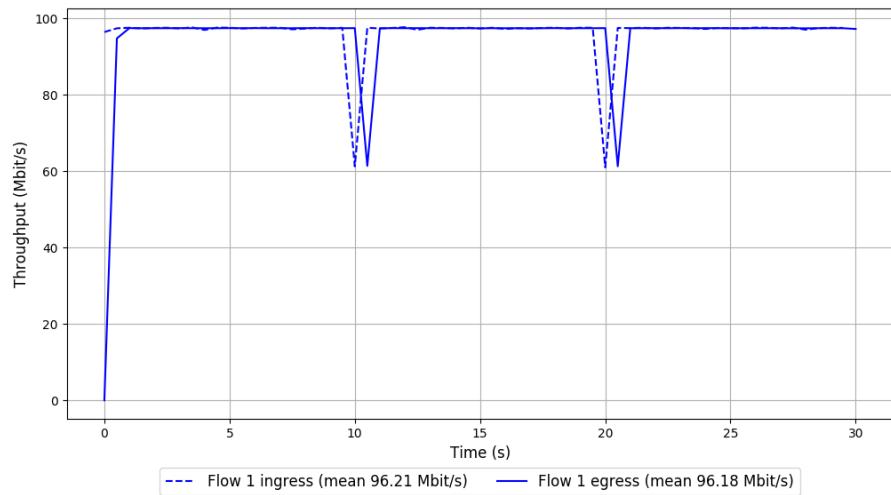


Run 6: Statistics of TCP BBR

```
Start at: 2018-06-05 21:12:03
End at: 2018-06-05 21:12:33
Local clock offset: -6.614 ms
Remote clock offset: -3.633 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 10.158 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 10.158 ms
Loss rate: 0.04%
```

Run 6: Report of TCP BBR — Data Link

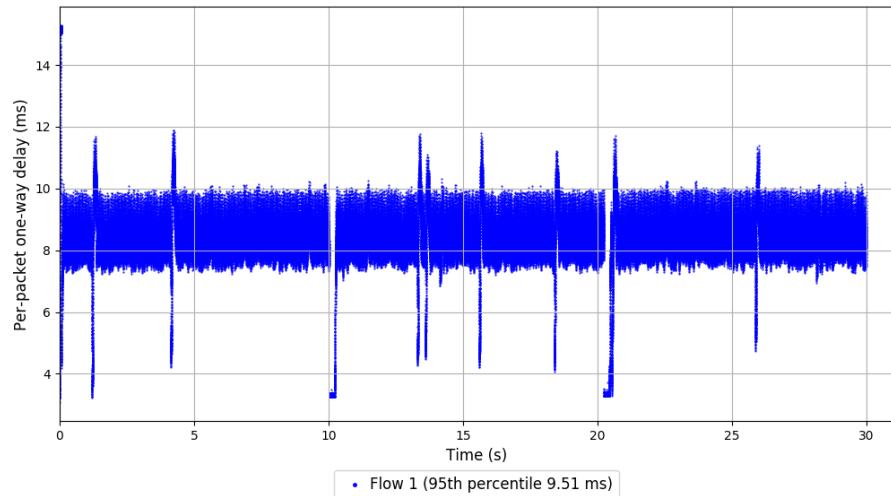
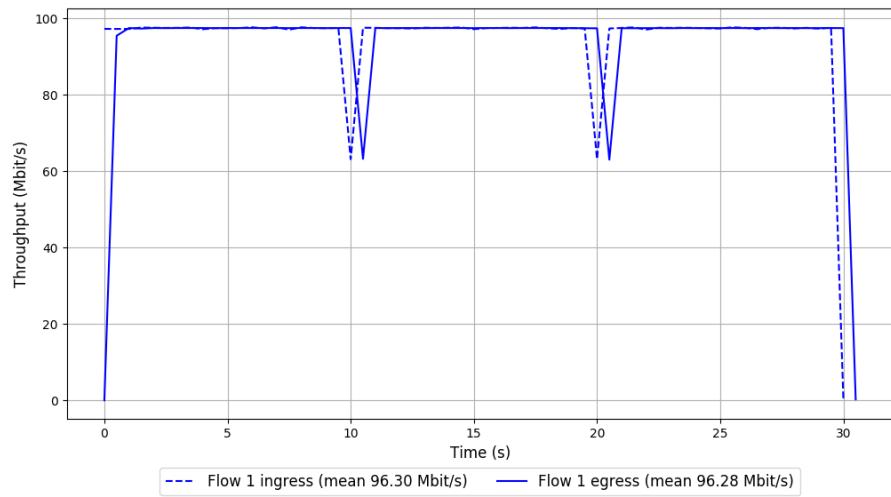


Run 7: Statistics of TCP BBR

```
Start at: 2018-06-05 21:29:55
End at: 2018-06-05 21:30:25
Local clock offset: -6.312 ms
Remote clock offset: -0.993 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.511 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.511 ms
Loss rate: 0.03%
```

Run 7: Report of TCP BBR — Data Link

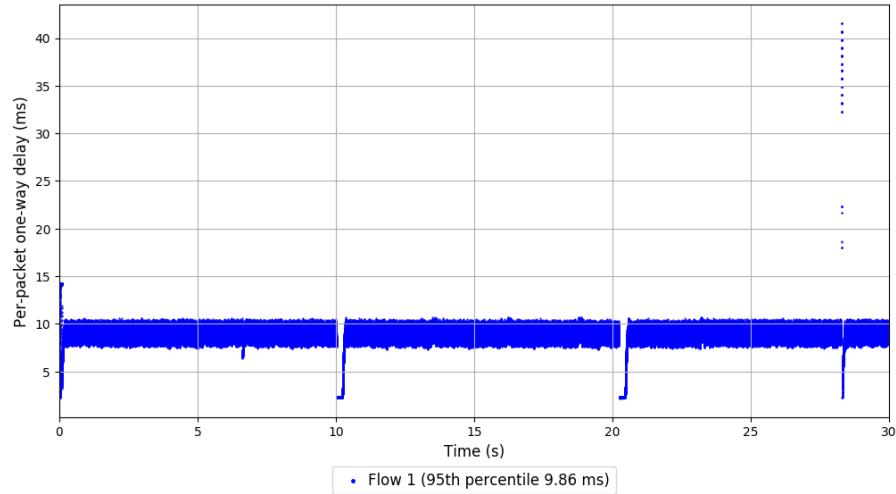
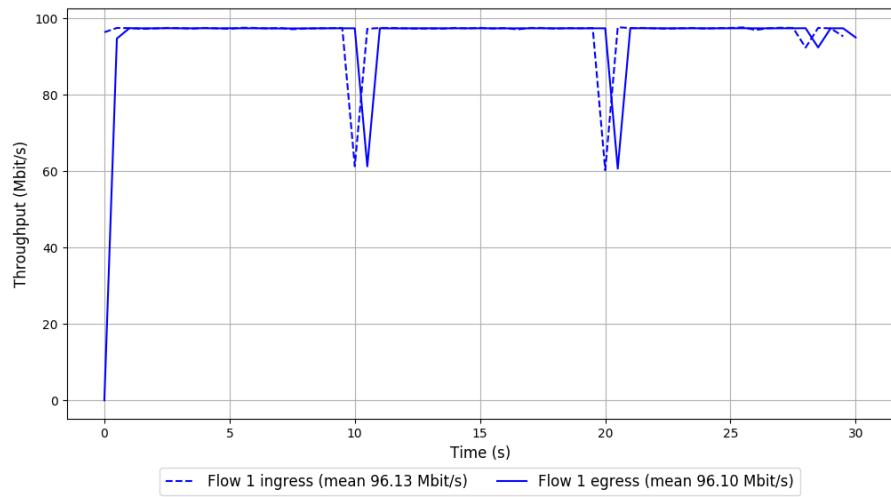


Run 8: Statistics of TCP BBR

```
Start at: 2018-06-05 21:47:50
End at: 2018-06-05 21:48:20
Local clock offset: -6.149 ms
Remote clock offset: -5.523 ms

# Below is generated by plot.py at 2018-06-05 22:32:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 9.857 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 9.857 ms
Loss rate: 0.04%
```

Run 8: Report of TCP BBR — Data Link

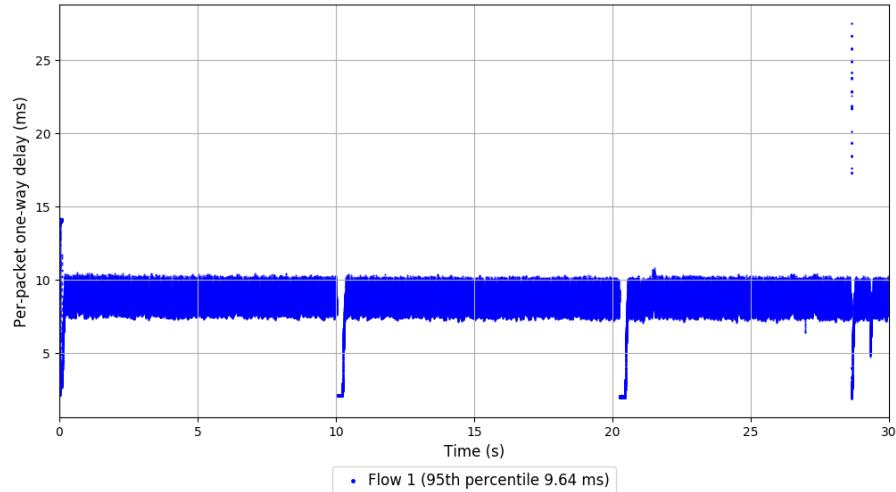
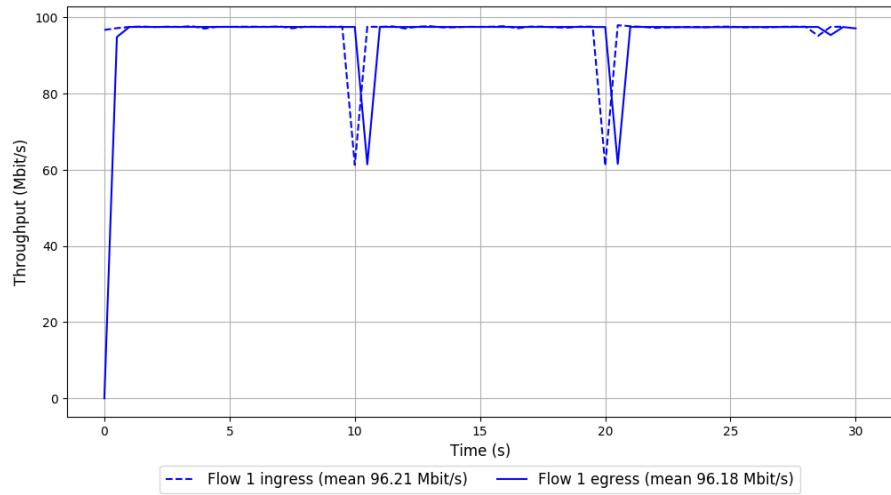


Run 9: Statistics of TCP BBR

```
Start at: 2018-06-05 22:05:45
End at: 2018-06-05 22:06:15
Local clock offset: -5.277 ms
Remote clock offset: -7.082 ms

# Below is generated by plot.py at 2018-06-05 22:33:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 9.644 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 9.644 ms
Loss rate: 0.04%
```

Run 9: Report of TCP BBR — Data Link

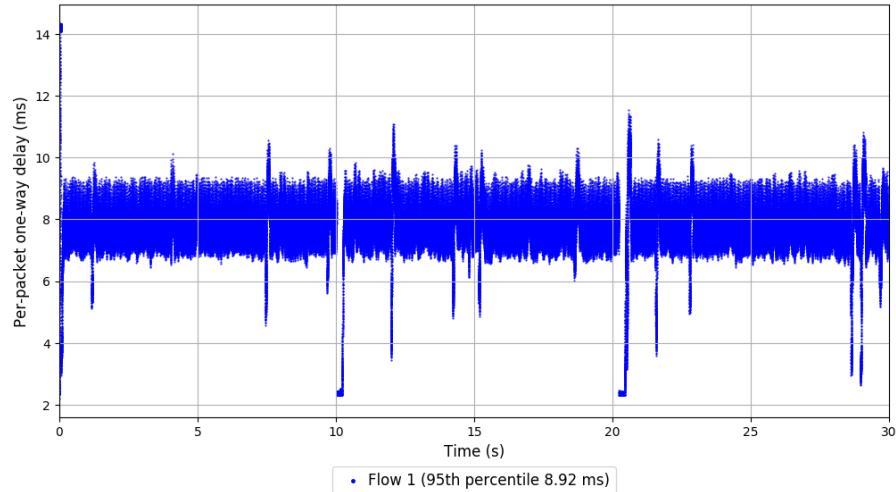
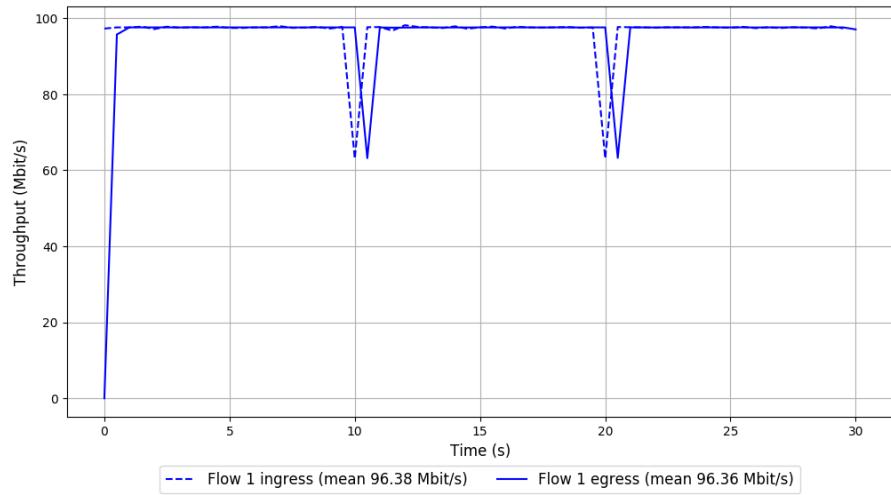


Run 10: Statistics of TCP BBR

```
Start at: 2018-06-05 22:23:38
End at: 2018-06-05 22:24:08
Local clock offset: -0.833 ms
Remote clock offset: -7.078 ms

# Below is generated by plot.py at 2018-06-05 22:33:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 8.917 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 8.917 ms
Loss rate: 0.03%
```

Run 10: Report of TCP BBR — Data Link

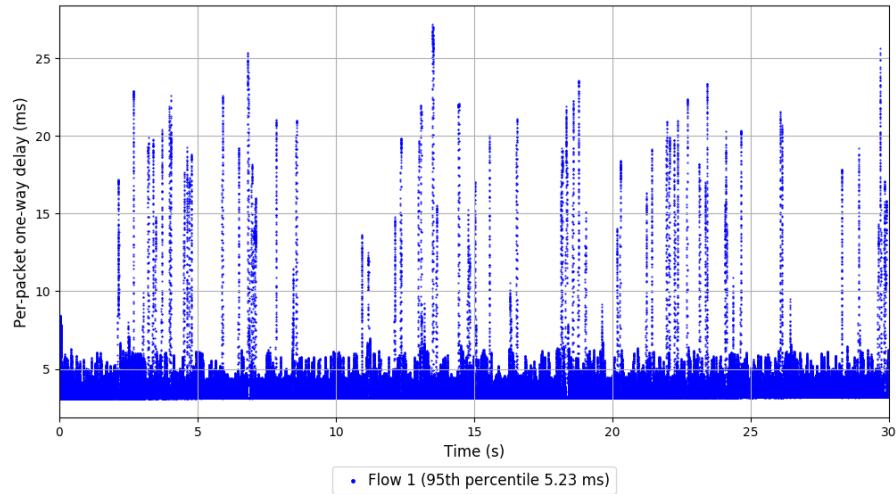
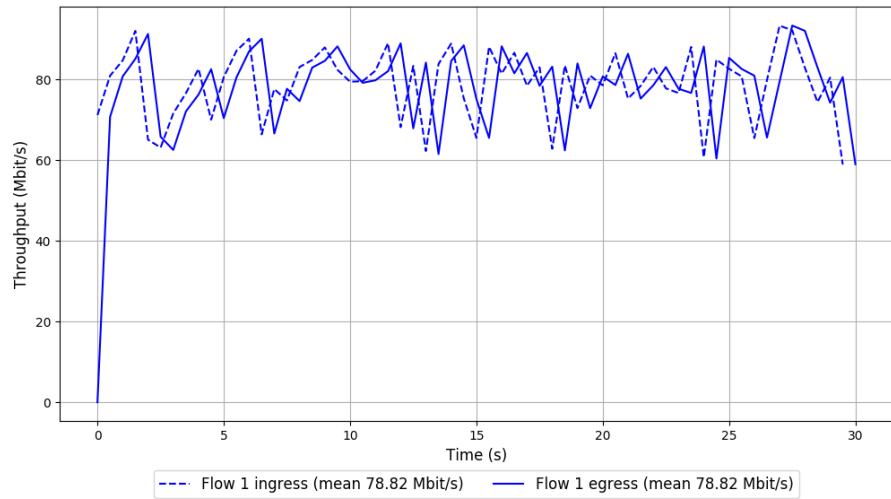


Run 1: Statistics of Copa

```
Start at: 2018-06-05 19:31:40
End at: 2018-06-05 19:32:10
Local clock offset: -3.757 ms
Remote clock offset: -3.122 ms

# Below is generated by plot.py at 2018-06-05 22:34:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 5.229 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 5.229 ms
Loss rate: 0.01%
```

Run 1: Report of Copa — Data Link

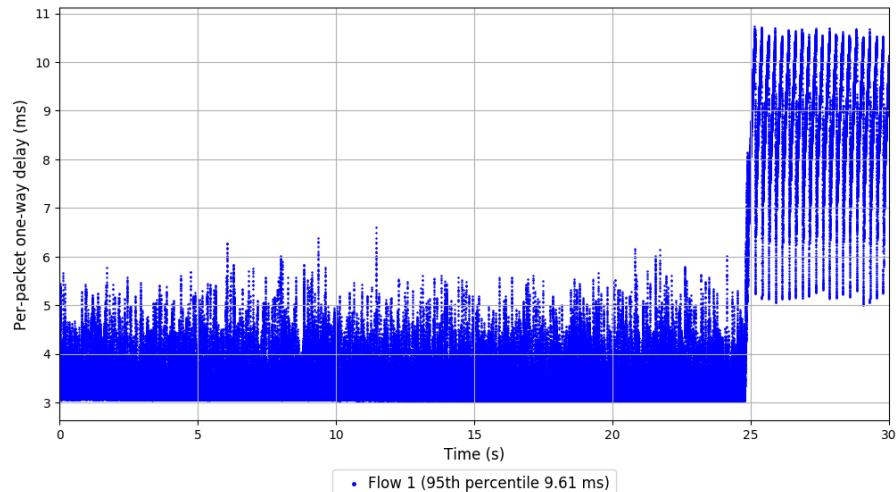
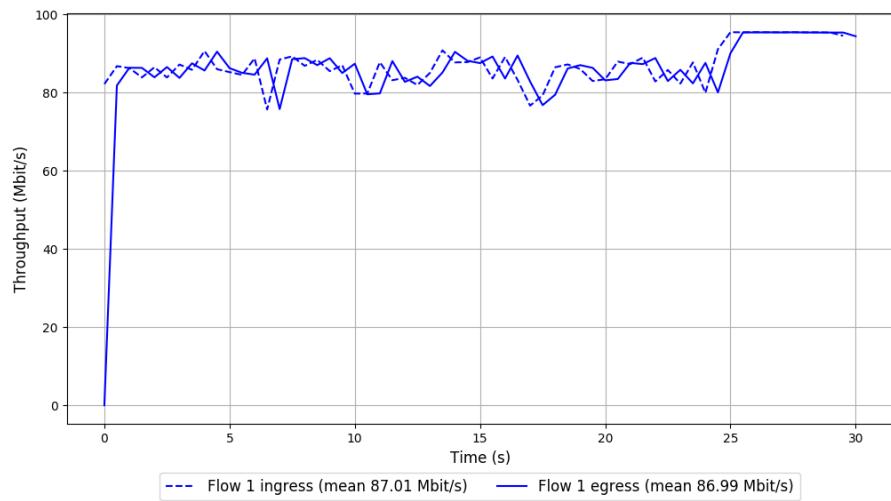


Run 2: Statistics of Copa

```
Start at: 2018-06-05 19:49:31
End at: 2018-06-05 19:50:01
Local clock offset: 0.593 ms
Remote clock offset: -1.559 ms

# Below is generated by plot.py at 2018-06-05 22:34:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 9.608 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 9.608 ms
Loss rate: 0.04%
```

Run 2: Report of Copa — Data Link

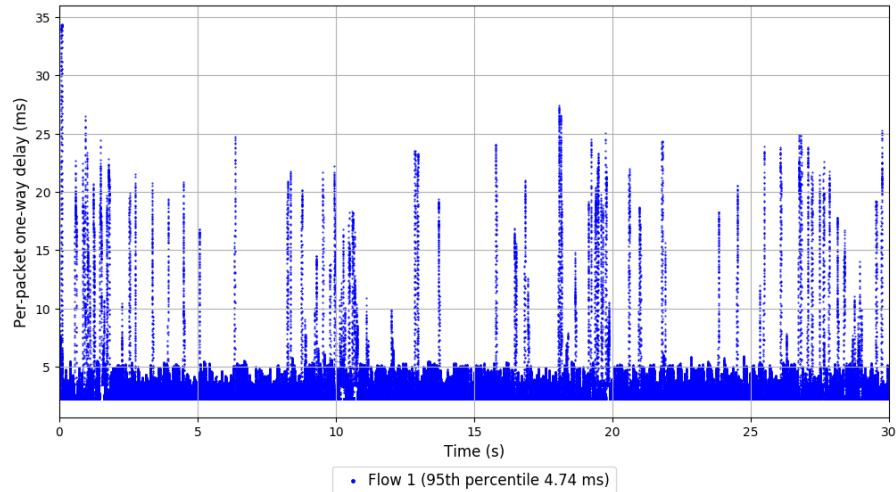
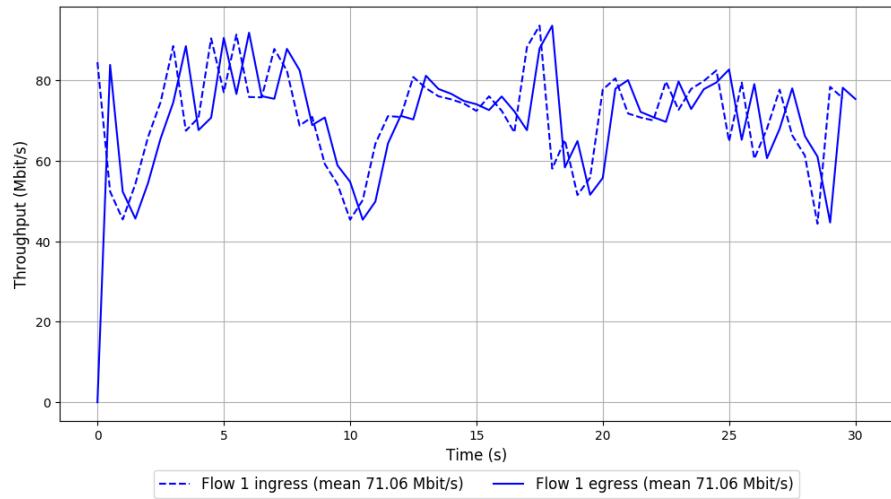


Run 3: Statistics of Copa

```
Start at: 2018-06-05 20:07:21
End at: 2018-06-05 20:07:51
Local clock offset: 1.654 ms
Remote clock offset: -1.402 ms

# Below is generated by plot.py at 2018-06-05 22:34:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 4.739 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 4.739 ms
Loss rate: 0.02%
```

Run 3: Report of Copa — Data Link

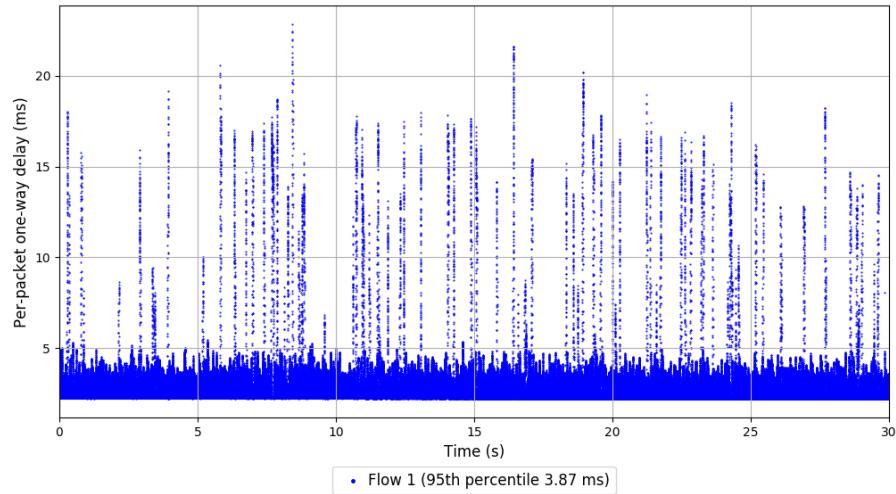
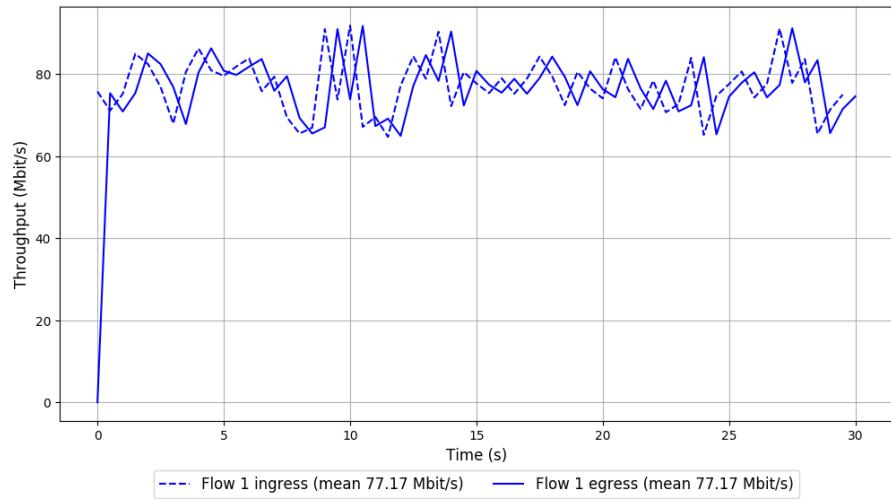


Run 4: Statistics of Copa

```
Start at: 2018-06-05 20:25:12
End at: 2018-06-05 20:25:42
Local clock offset: 2.915 ms
Remote clock offset: -1.159 ms

# Below is generated by plot.py at 2018-06-05 22:34:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.17 Mbit/s
95th percentile per-packet one-way delay: 3.871 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.17 Mbit/s
95th percentile per-packet one-way delay: 3.871 ms
Loss rate: 0.01%
```

Run 4: Report of Copa — Data Link

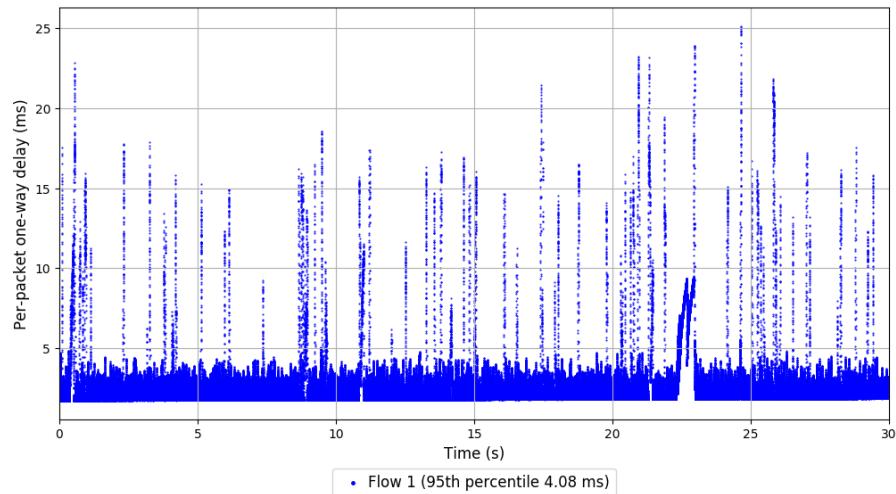
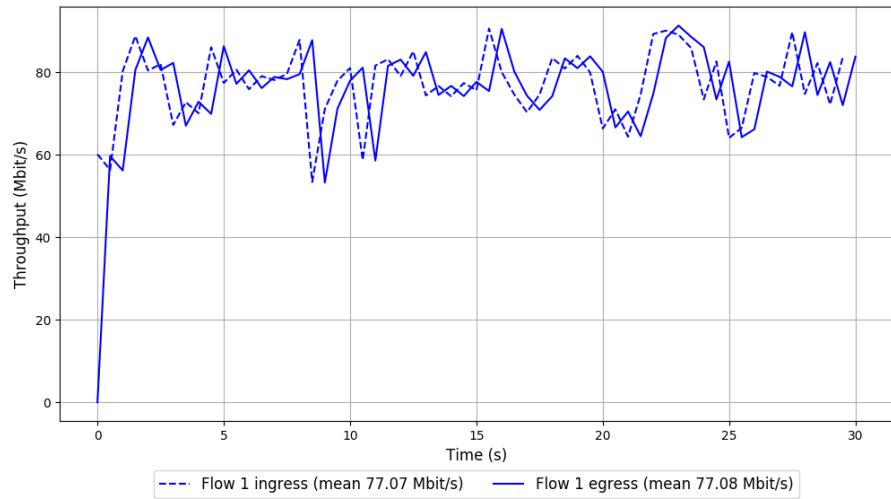


Run 5: Statistics of Copa

```
Start at: 2018-06-05 20:43:00
End at: 2018-06-05 20:43:30
Local clock offset: -3.388 ms
Remote clock offset: -7.105 ms

# Below is generated by plot.py at 2018-06-05 22:34:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.08 Mbit/s
95th percentile per-packet one-way delay: 4.080 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.08 Mbit/s
95th percentile per-packet one-way delay: 4.080 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

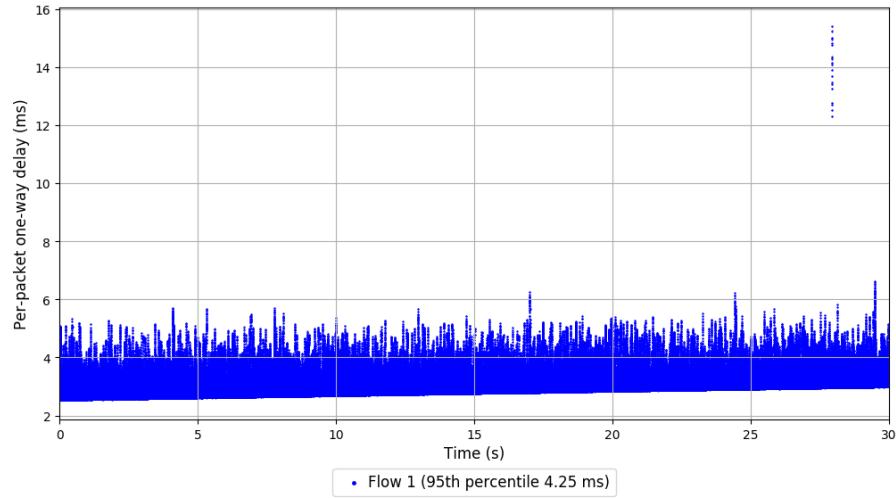
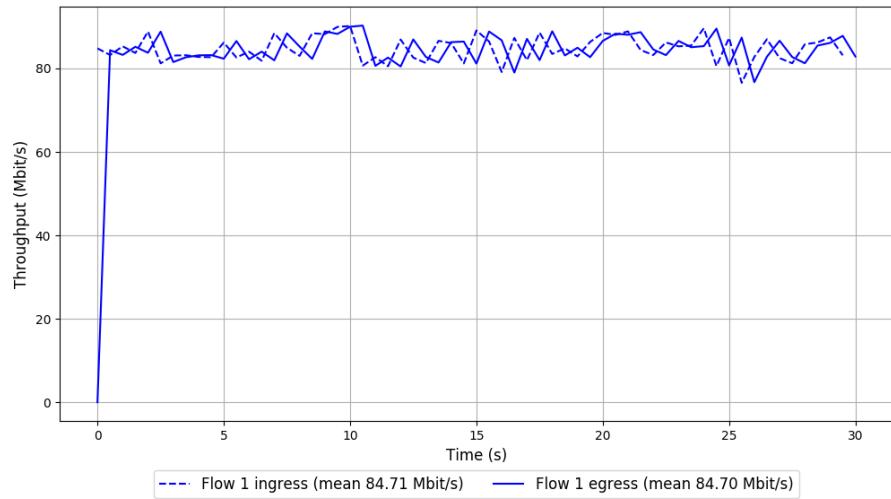


Run 6: Statistics of Copa

```
Start at: 2018-06-05 21:00:49
End at: 2018-06-05 21:01:19
Local clock offset: -6.805 ms
Remote clock offset: -9.035 ms

# Below is generated by plot.py at 2018-06-05 22:34:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 4.247 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 4.247 ms
Loss rate: 0.01%
```

Run 6: Report of Copa — Data Link

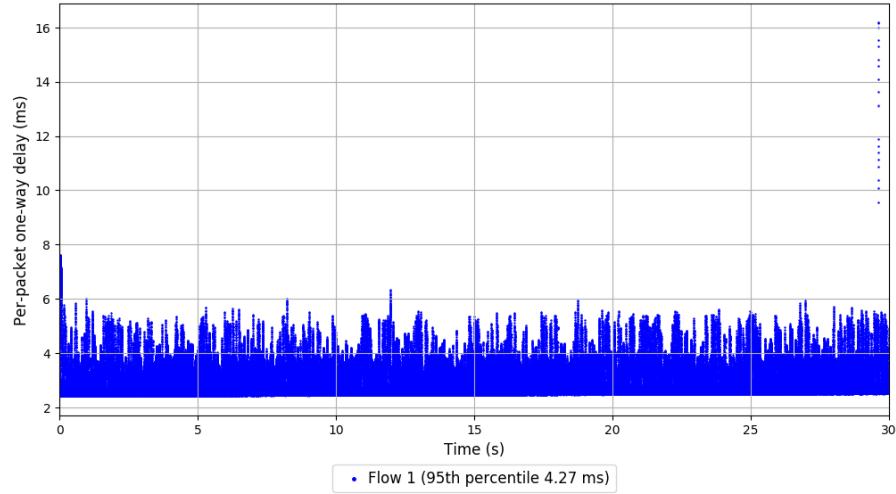
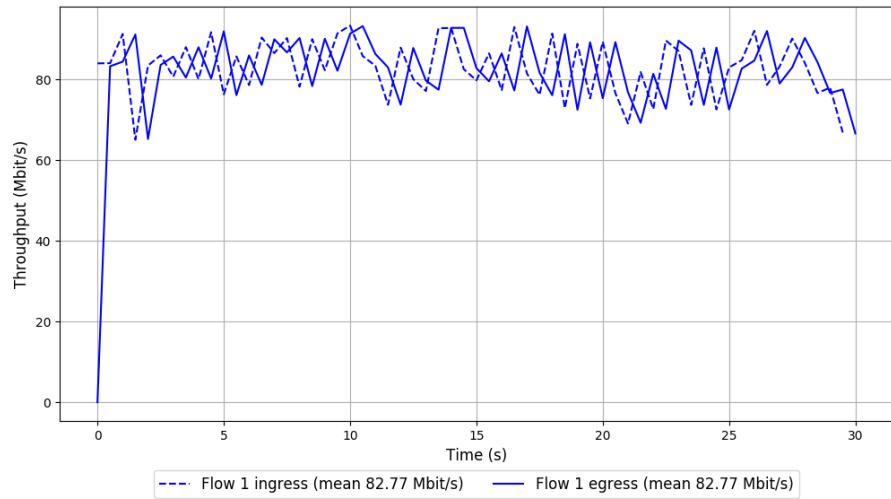


Run 7: Statistics of Copa

```
Start at: 2018-06-05 21:18:45
End at: 2018-06-05 21:19:15
Local clock offset: -6.631 ms
Remote clock offset: -2.303 ms

# Below is generated by plot.py at 2018-06-05 22:35:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.77 Mbit/s
95th percentile per-packet one-way delay: 4.270 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.77 Mbit/s
95th percentile per-packet one-way delay: 4.270 ms
Loss rate: 0.02%
```

Run 7: Report of Copa — Data Link

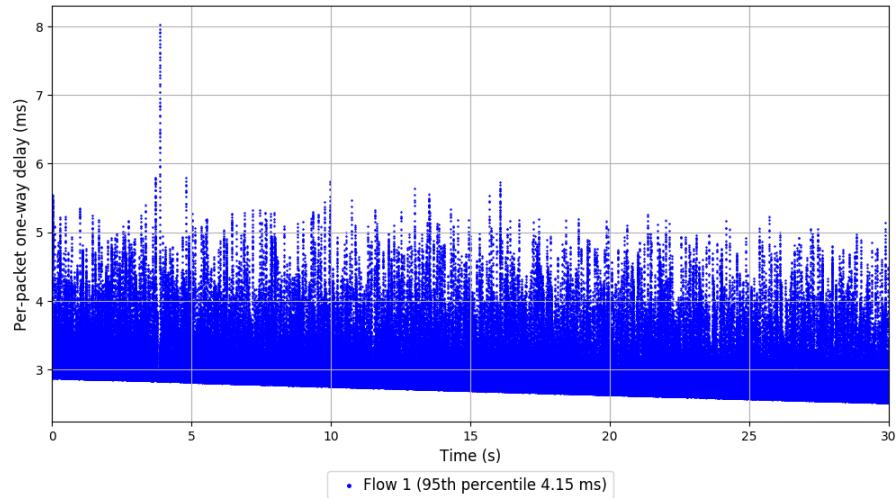
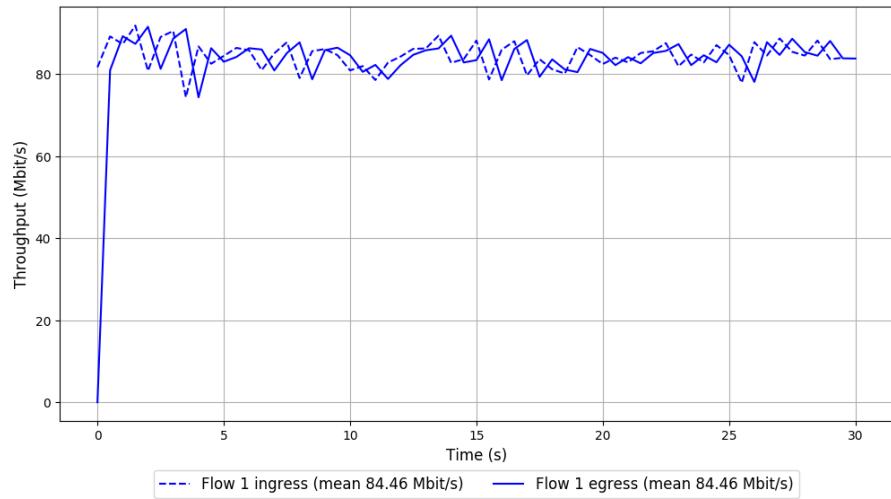


Run 8: Statistics of Copa

```
Start at: 2018-06-05 21:36:37
End at: 2018-06-05 21:37:07
Local clock offset: -6.097 ms
Remote clock offset: -1.51 ms

# Below is generated by plot.py at 2018-06-05 22:35:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 4.151 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 4.151 ms
Loss rate: 0.01%
```

Run 8: Report of Copa — Data Link

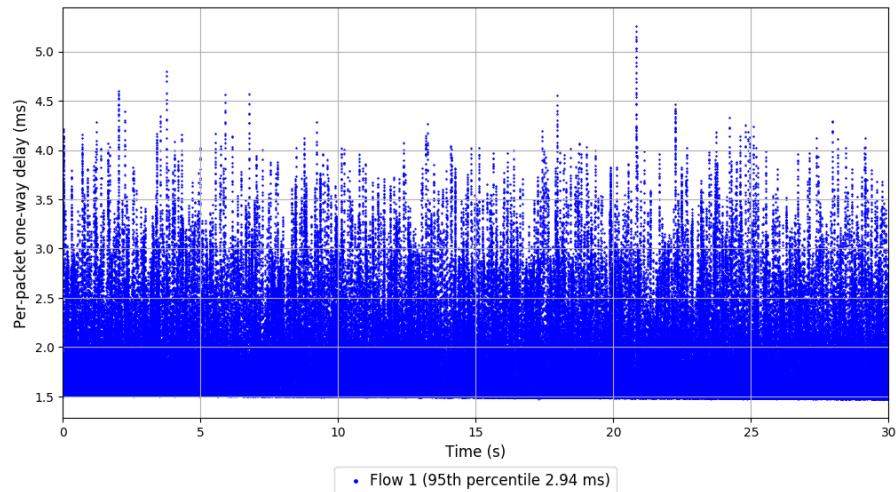
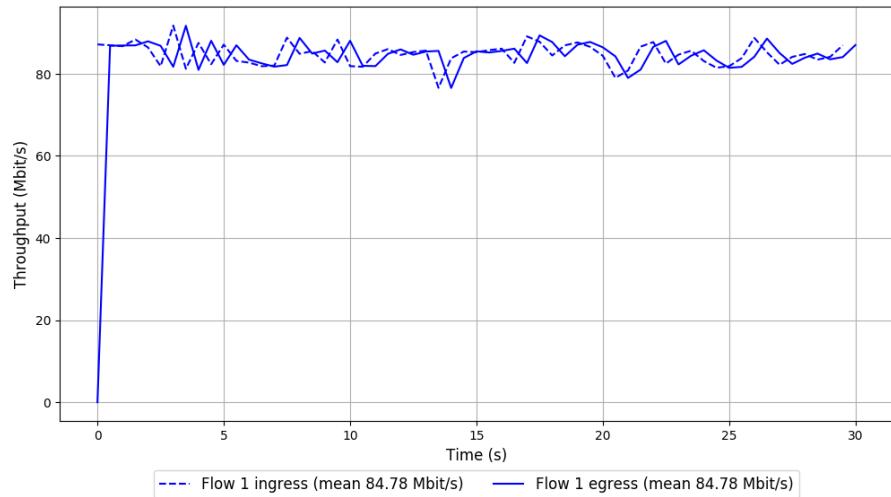


Run 9: Statistics of Copa

```
Start at: 2018-06-05 21:54:32
End at: 2018-06-05 21:55:02
Local clock offset: -6.88 ms
Remote clock offset: -6.365 ms

# Below is generated by plot.py at 2018-06-05 22:36:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 2.940 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 2.940 ms
Loss rate: 0.01%
```

Run 9: Report of Copa — Data Link

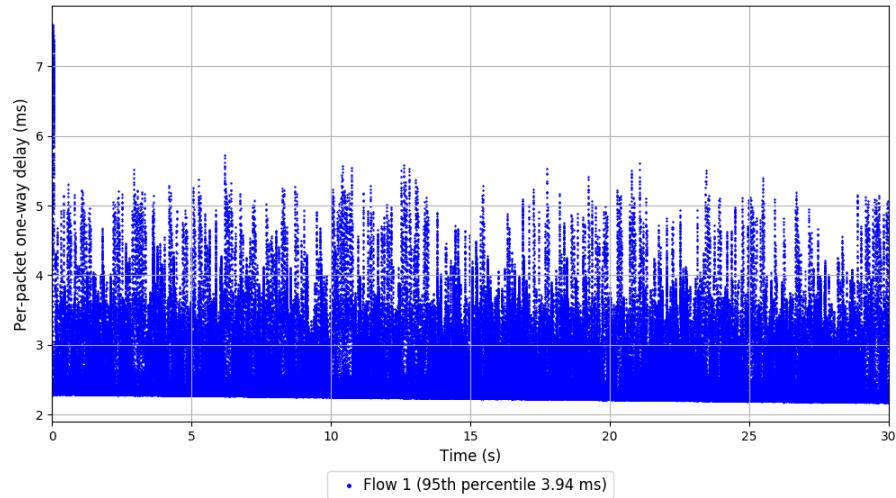
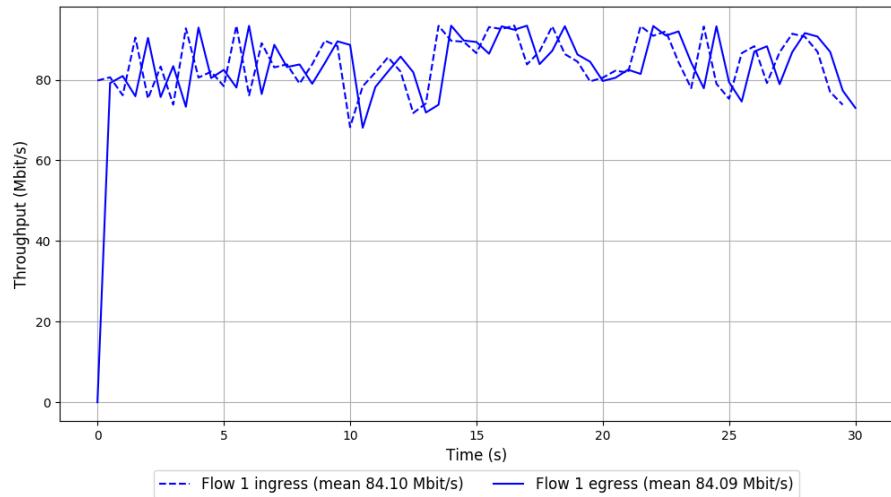


Run 10: Statistics of Copa

```
Start at: 2018-06-05 22:12:28
End at: 2018-06-05 22:12:58
Local clock offset: -2.65 ms
Remote clock offset: -7.093 ms

# Below is generated by plot.py at 2018-06-05 22:36:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 3.936 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 3.936 ms
Loss rate: 0.02%
```

Run 10: Report of Copa — Data Link

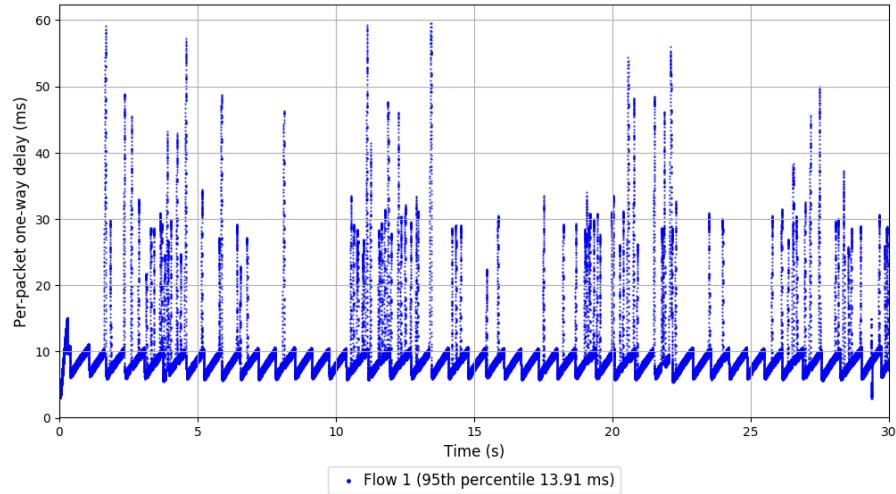
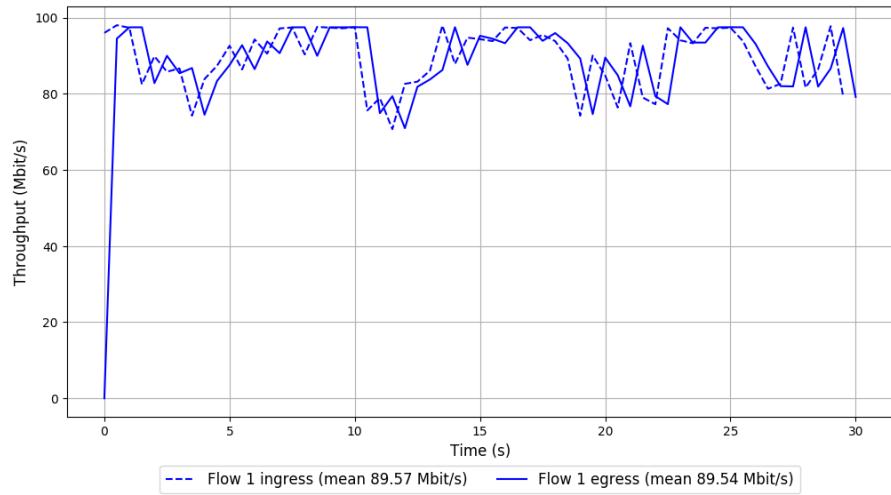


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 19:45:00
End at: 2018-06-05 19:45:30
Local clock offset: -0.177 ms
Remote clock offset: -1.768 ms

# Below is generated by plot.py at 2018-06-05 22:36:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 13.911 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 13.911 ms
Loss rate: 0.06%
```

Run 1: Report of TCP Cubic — Data Link

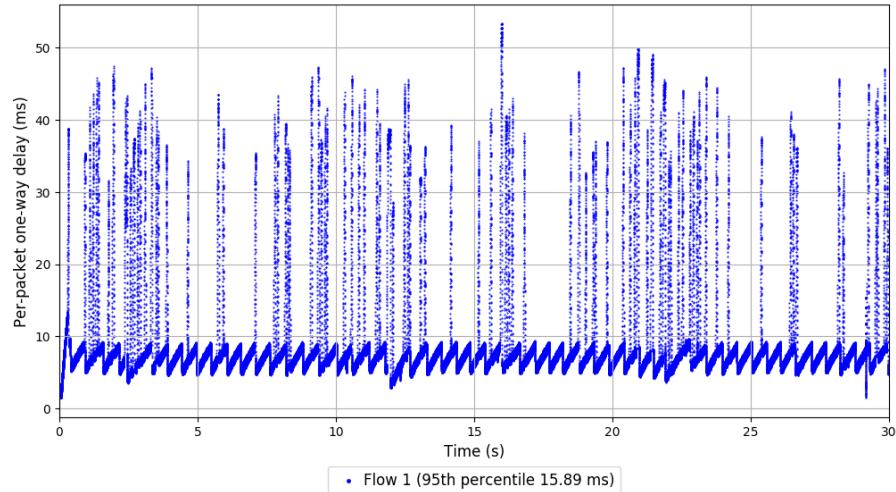
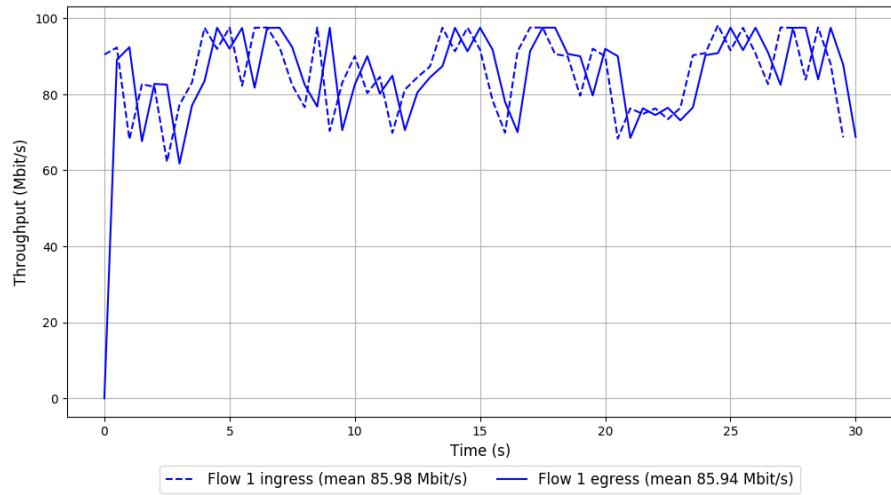


```
Run 2: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 20:02:51
End at: 2018-06-05 20:03:21
Local clock offset: 0.447 ms
Remote clock offset: -1.49 ms

# Below is generated by plot.py at 2018-06-05 22:36:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 15.889 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 15.889 ms
Loss rate: 0.05%
```

Run 2: Report of TCP Cubic — Data Link

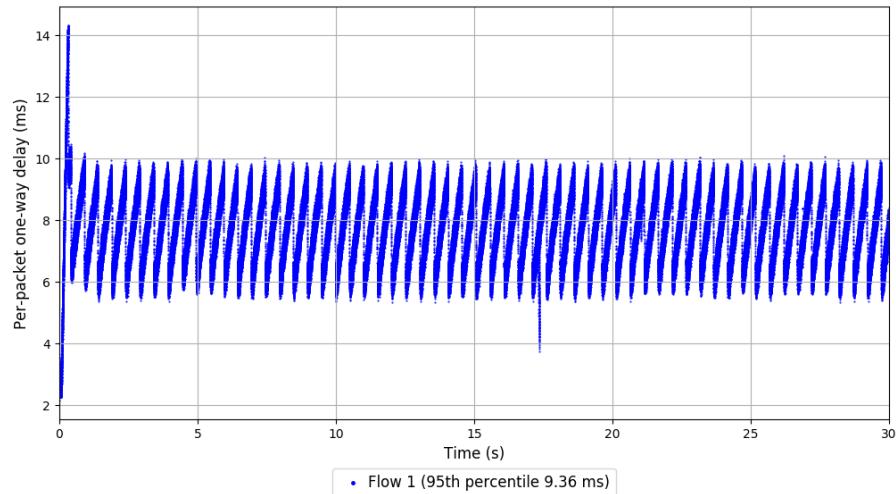
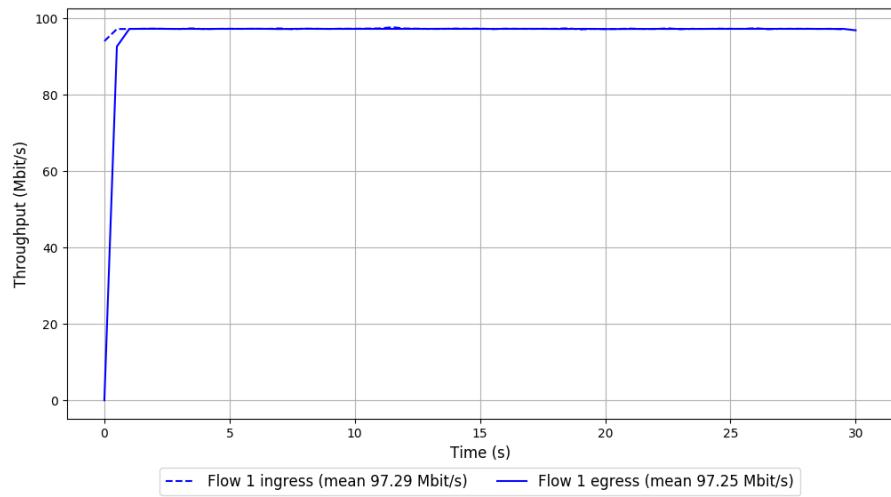


```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 20:20:41
End at: 2018-06-05 20:21:11
Local clock offset: 2.646 ms
Remote clock offset: -1.177 ms

# Below is generated by plot.py at 2018-06-05 22:36:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 9.360 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 9.360 ms
Loss rate: 0.06%
```

Run 3: Report of TCP Cubic — Data Link

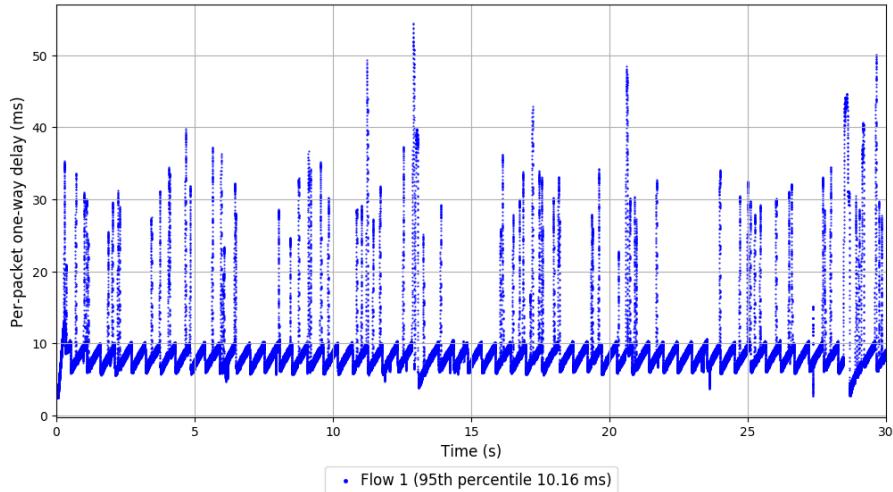
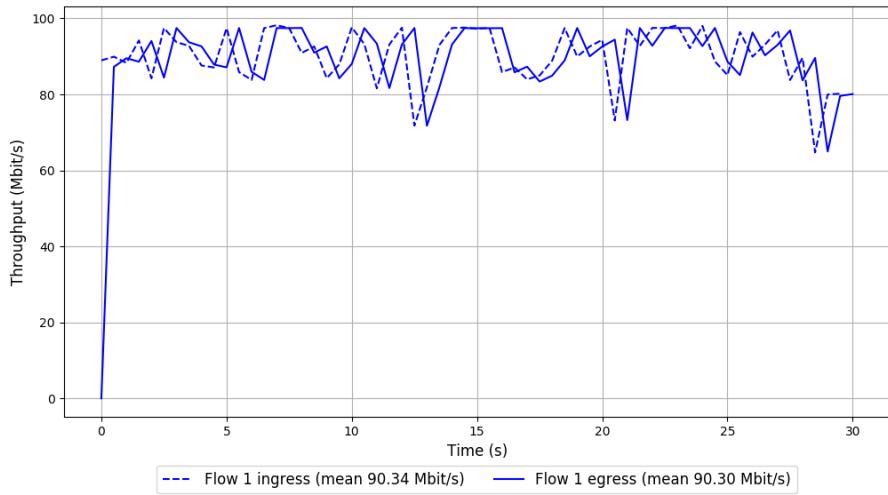


Run 4: Statistics of TCP Cubic

```
Start at: 2018-06-05 20:38:29
End at: 2018-06-05 20:38:59
Local clock offset: -0.21 ms
Remote clock offset: -6.18 ms

# Below is generated by plot.py at 2018-06-05 22:36:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 10.164 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 10.164 ms
Loss rate: 0.06%
```

Run 4: Report of TCP Cubic — Data Link

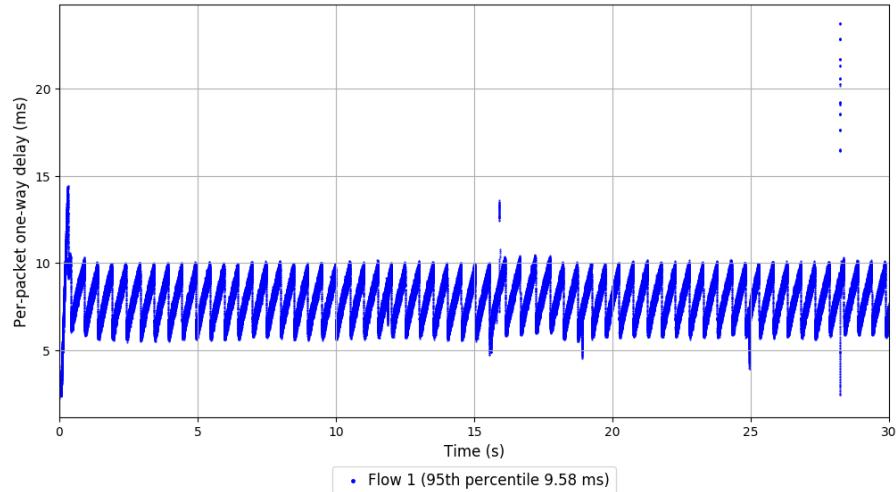
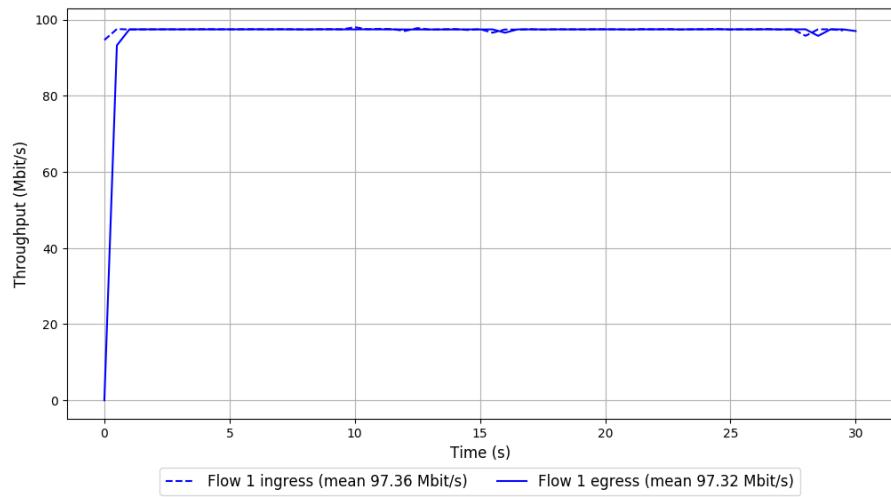


Run 5: Statistics of TCP Cubic

```
Start at: 2018-06-05 20:56:17
End at: 2018-06-05 20:56:47
Local clock offset: -6.215 ms
Remote clock offset: -8.685 ms

# Below is generated by plot.py at 2018-06-05 22:36:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 9.579 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 9.579 ms
Loss rate: 0.05%
```

Run 5: Report of TCP Cubic — Data Link

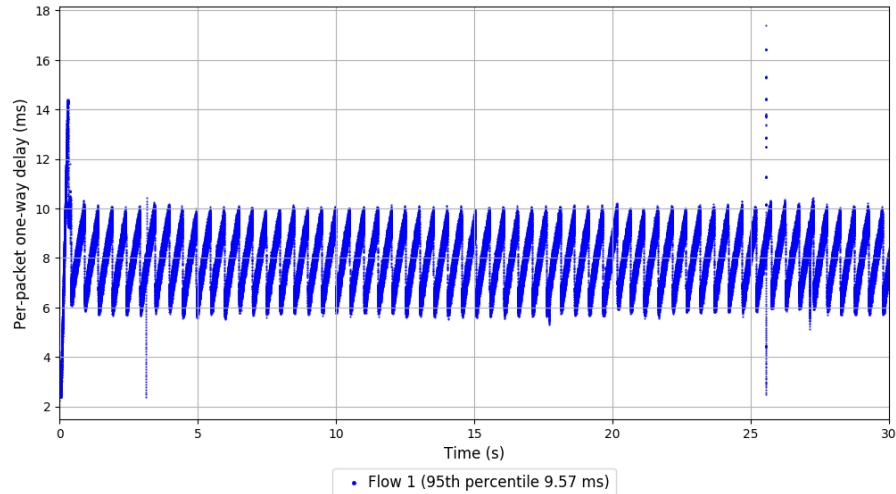
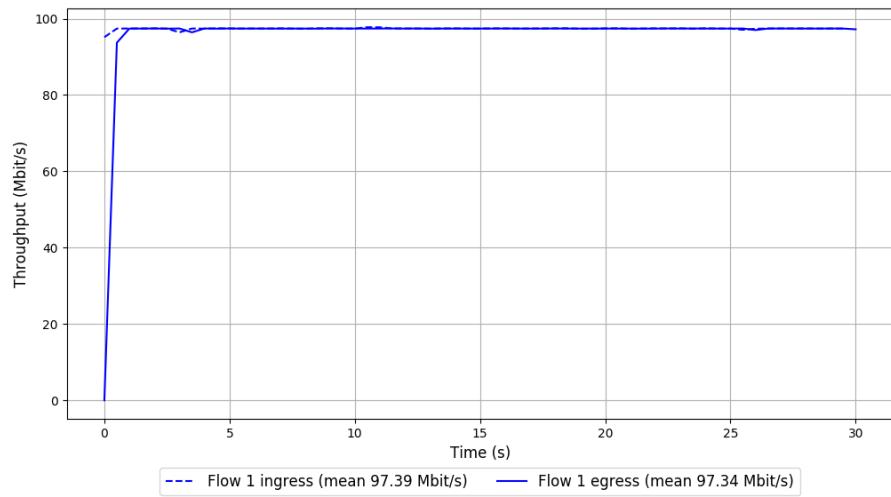


```
Run 6: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 21:14:13
End at: 2018-06-05 21:14:43
Local clock offset: -6.592 ms
Remote clock offset: -3.11 ms

# Below is generated by plot.py at 2018-06-05 22:36:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 9.570 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 9.570 ms
Loss rate: 0.05%
```

Run 6: Report of TCP Cubic — Data Link

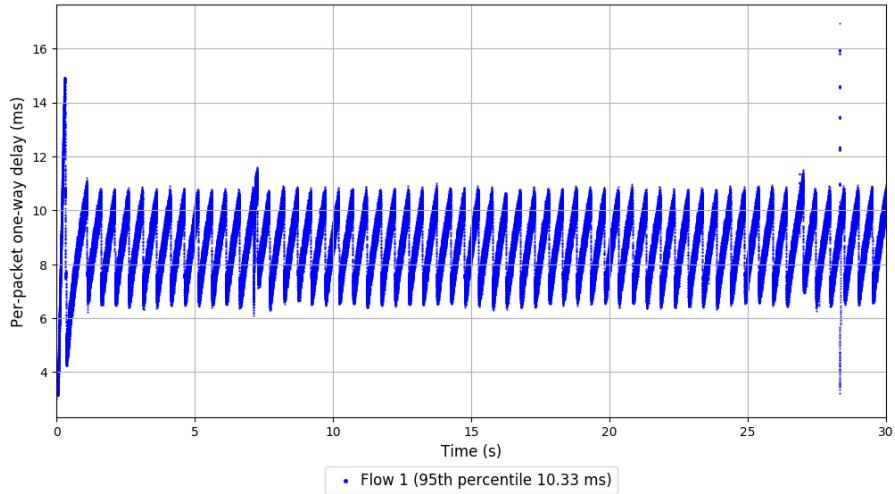
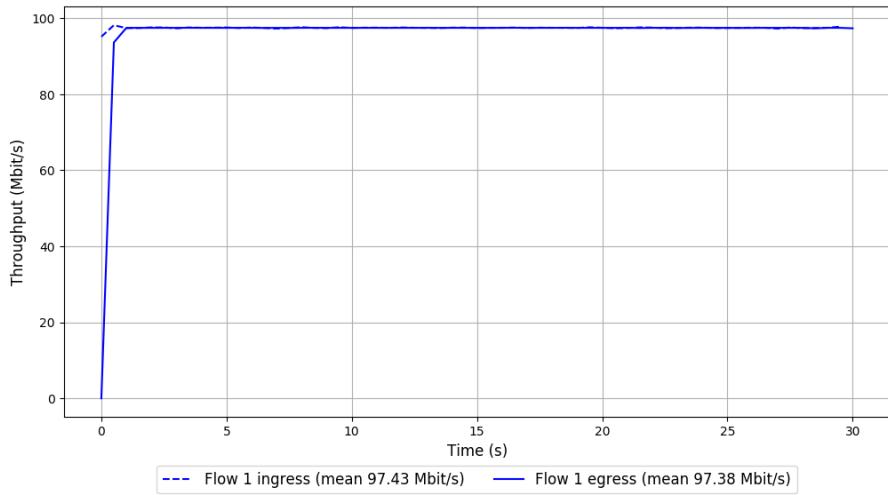


Run 7: Statistics of TCP Cubic

```
Start at: 2018-06-05 21:32:05
End at: 2018-06-05 21:32:36
Local clock offset: -6.429 ms
Remote clock offset: -0.709 ms

# Below is generated by plot.py at 2018-06-05 22:36:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 10.328 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 10.328 ms
Loss rate: 0.06%
```

Run 7: Report of TCP Cubic — Data Link

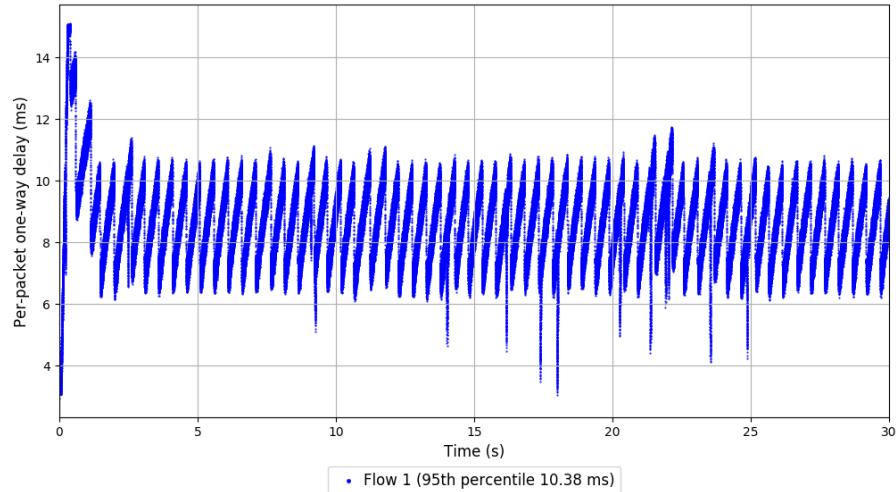
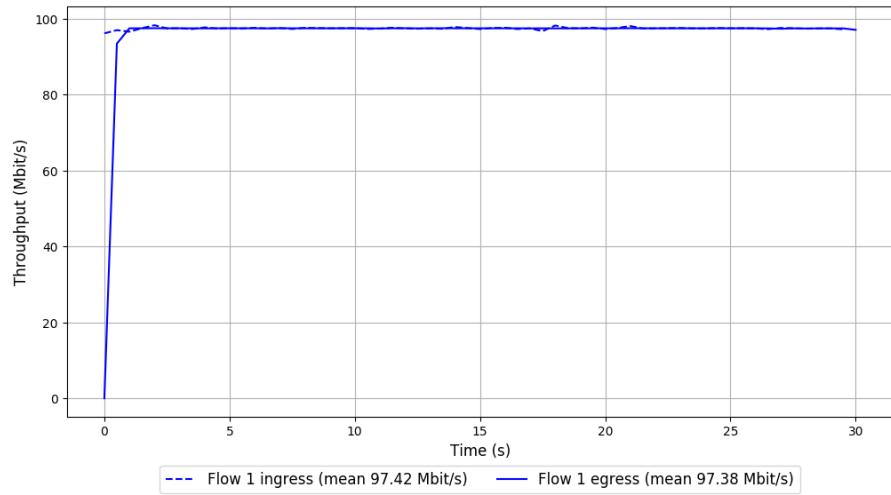


Run 8: Statistics of TCP Cubic

```
Start at: 2018-06-05 21:50:01
End at: 2018-06-05 21:50:31
Local clock offset: -5.345 ms
Remote clock offset: -5.87 ms

# Below is generated by plot.py at 2018-06-05 22:37:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 10.382 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 10.382 ms
Loss rate: 0.06%
```

Run 8: Report of TCP Cubic — Data Link

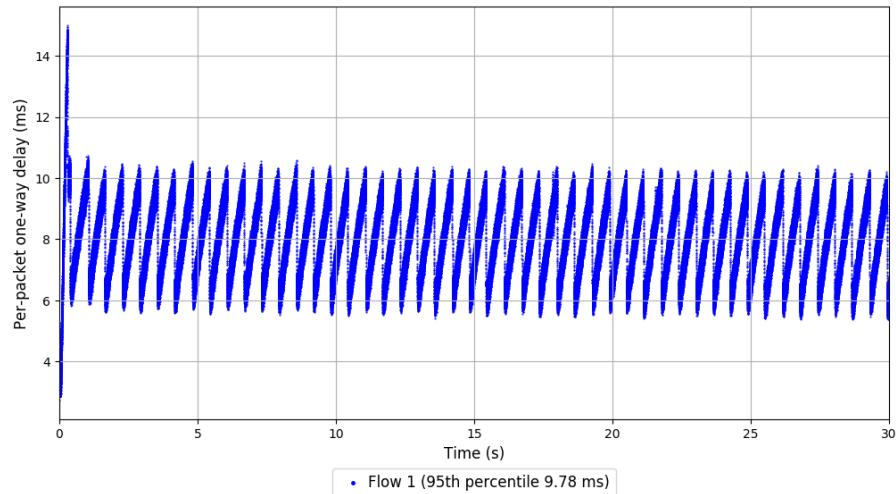
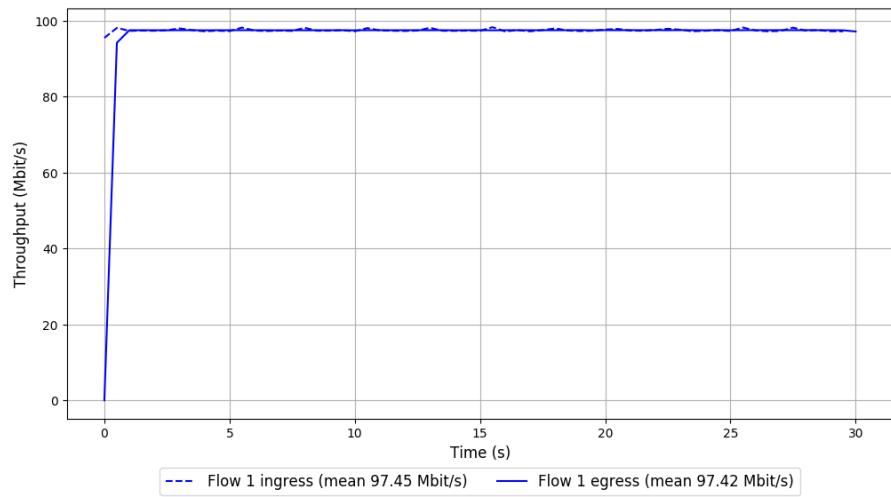


Run 9: Statistics of TCP Cubic

```
Start at: 2018-06-05 22:07:56
End at: 2018-06-05 22:08:26
Local clock offset: -3.496 ms
Remote clock offset: -7.084 ms

# Below is generated by plot.py at 2018-06-05 22:37:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 9.777 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 9.777 ms
Loss rate: 0.04%
```

Run 9: Report of TCP Cubic — Data Link

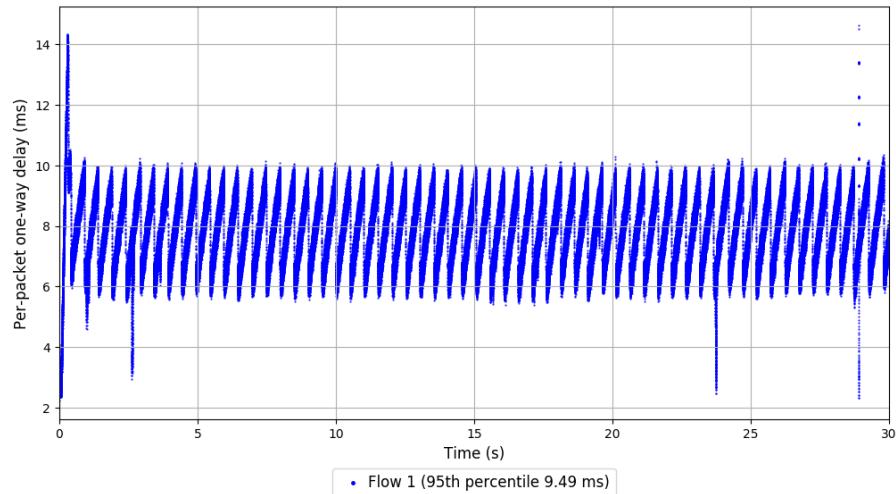
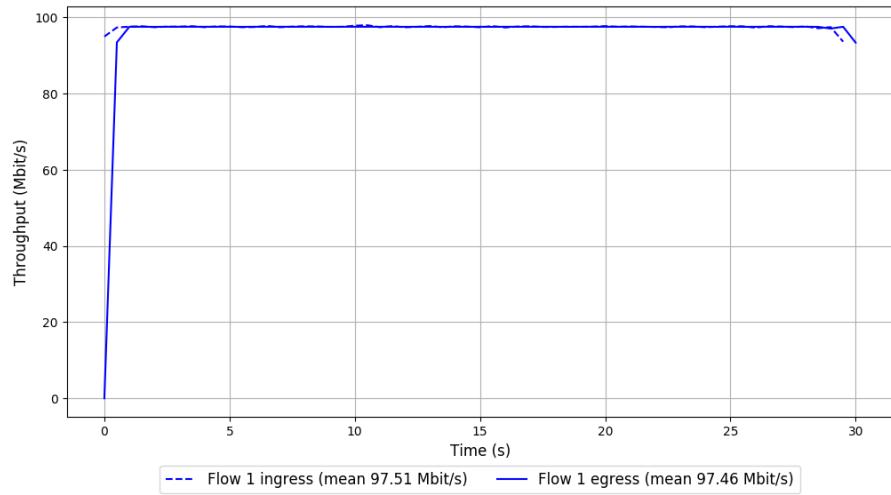


Run 10: Statistics of TCP Cubic

```
Start at: 2018-06-05 22:25:49
End at: 2018-06-05 22:26:19
Local clock offset: -0.574 ms
Remote clock offset: -7.057 ms

# Below is generated by plot.py at 2018-06-05 22:37:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.05%
```

Run 10: Report of TCP Cubic — Data Link

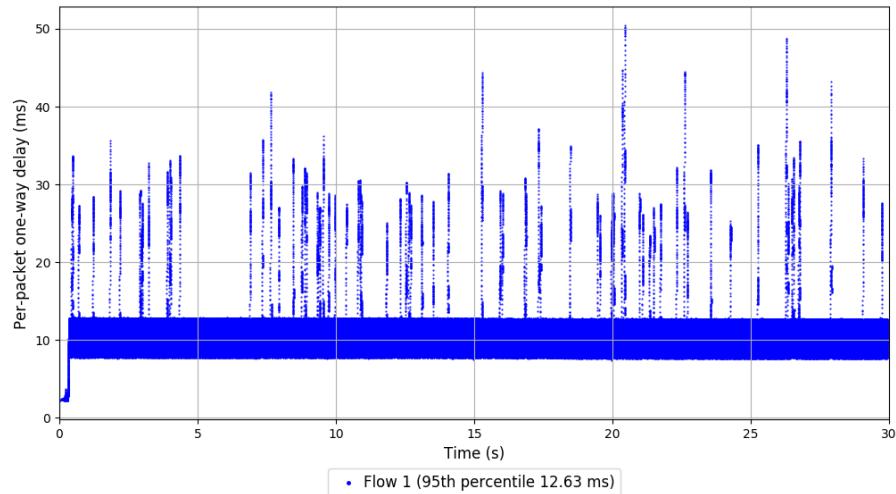
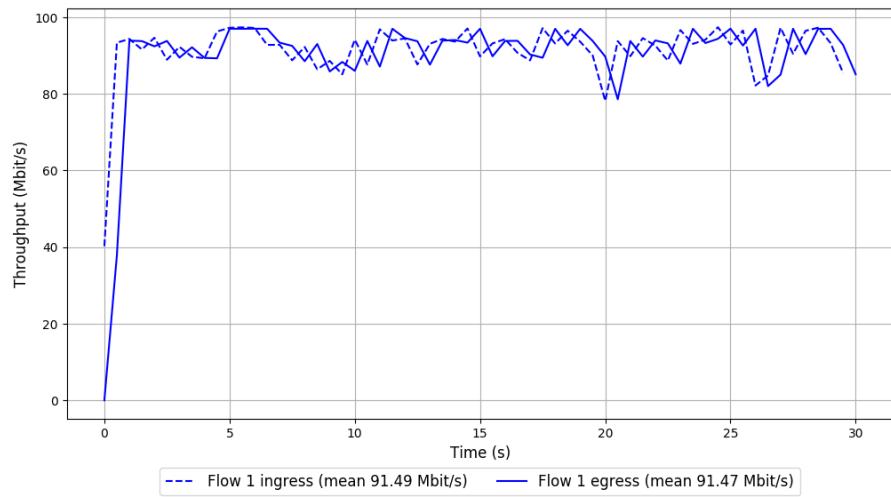


```
Run 1: Statistics of FillP
```

```
Start at: 2018-06-05 19:33:56
End at: 2018-06-05 19:34:26
Local clock offset: -4.492 ms
Remote clock offset: -2.785 ms

# Below is generated by plot.py at 2018-06-05 22:37:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 12.627 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 12.627 ms
Loss rate: 0.05%
```

Run 1: Report of FillP — Data Link

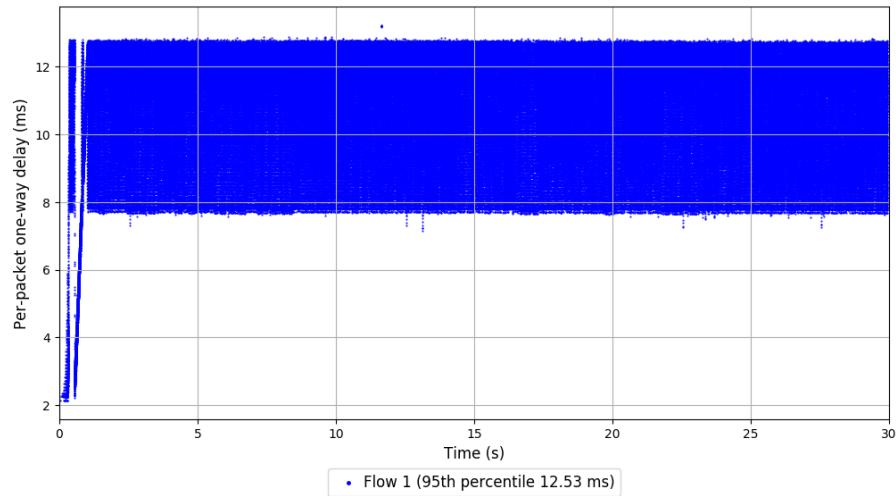
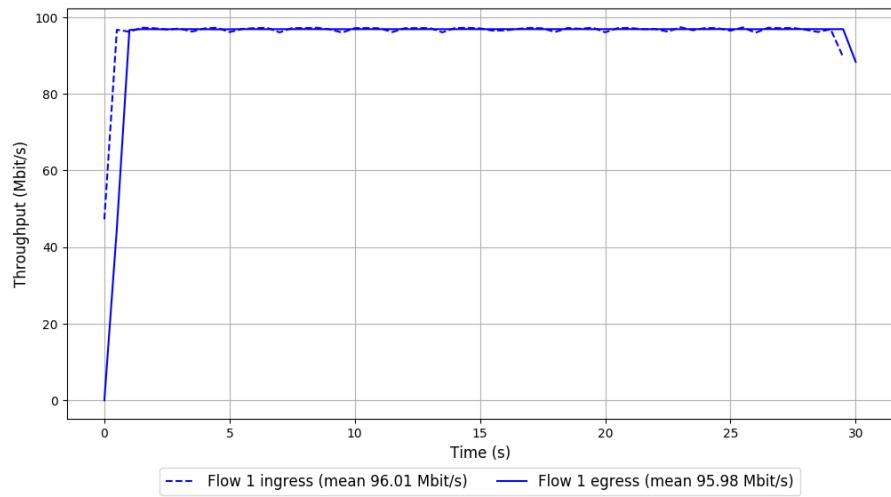


Run 2: Statistics of FillP

```
Start at: 2018-06-05 19:51:48
End at: 2018-06-05 19:52:18
Local clock offset: 0.113 ms
Remote clock offset: -1.441 ms

# Below is generated by plot.py at 2018-06-05 22:37:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 12.529 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 12.529 ms
Loss rate: 0.05%
```

Run 2: Report of FillP — Data Link

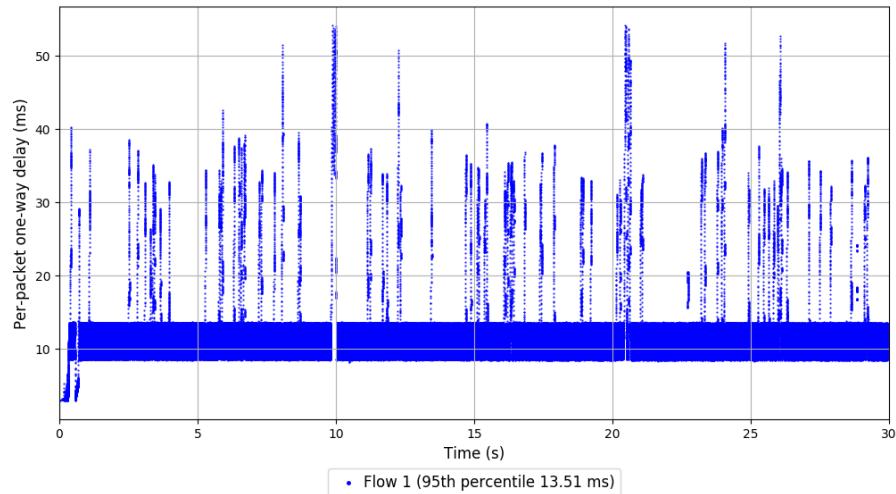
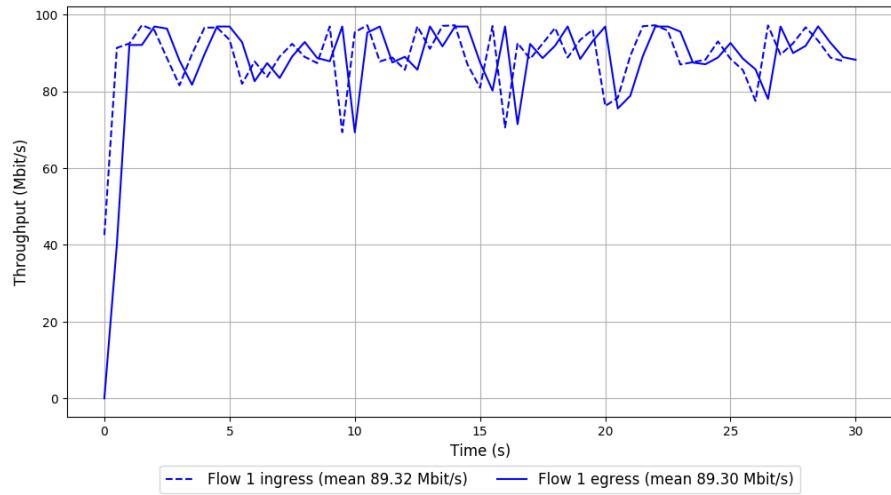


```
Run 3: Statistics of FillP
```

```
Start at: 2018-06-05 20:09:36
End at: 2018-06-05 20:10:06
Local clock offset: 2.595 ms
Remote clock offset: -1.352 ms

# Below is generated by plot.py at 2018-06-05 22:38:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.30 Mbit/s
95th percentile per-packet one-way delay: 13.506 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 89.30 Mbit/s
95th percentile per-packet one-way delay: 13.506 ms
Loss rate: 0.04%
```

Run 3: Report of FillP — Data Link

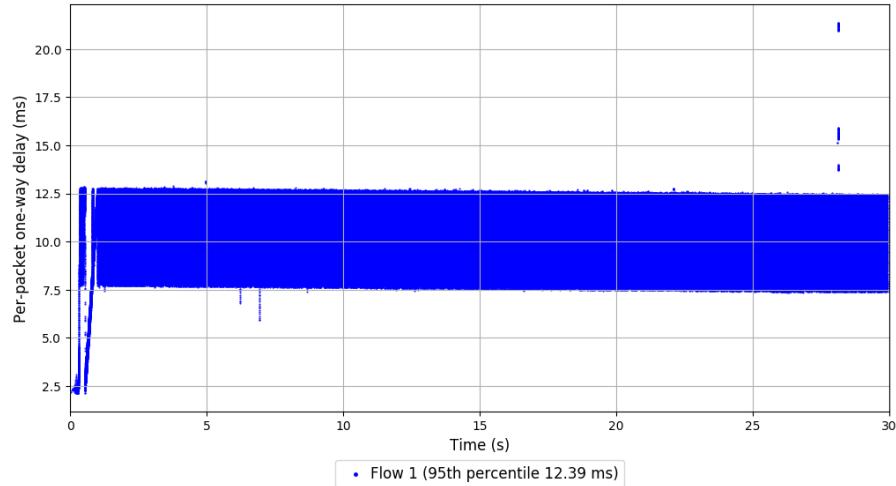
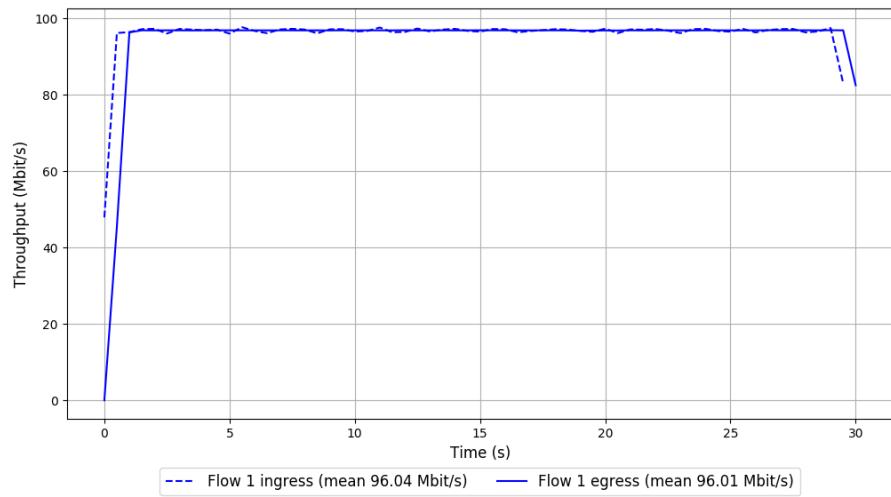


Run 4: Statistics of FillP

```
Start at: 2018-06-05 20:27:28
End at: 2018-06-05 20:27:58
Local clock offset: 3.139 ms
Remote clock offset: -1.76 ms

# Below is generated by plot.py at 2018-06-05 22:38:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 12.387 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 12.387 ms
Loss rate: 0.05%
```

Run 4: Report of FillP — Data Link

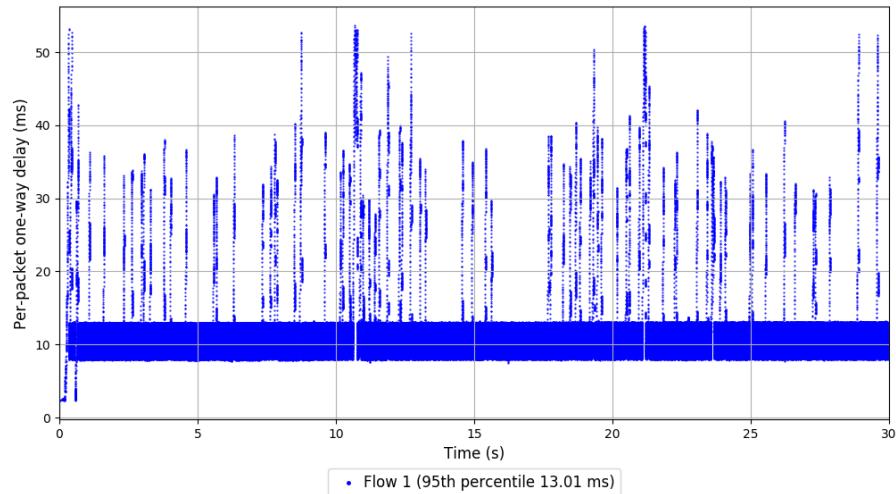
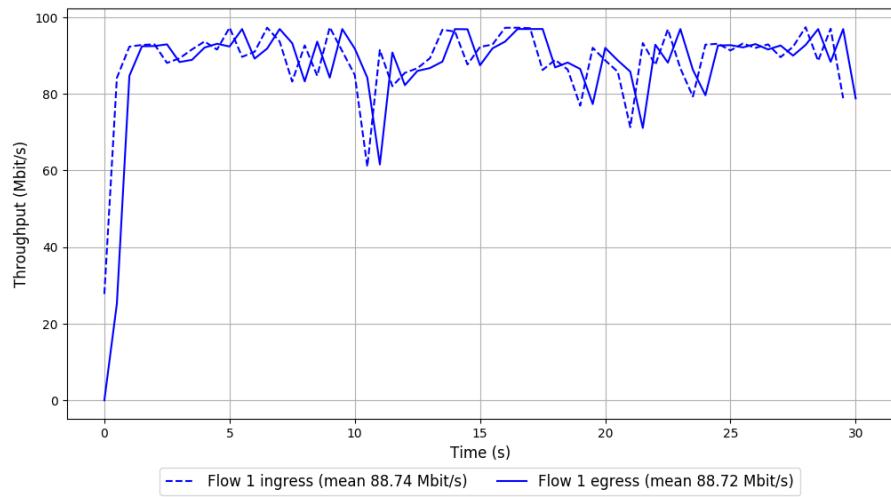


Run 5: Statistics of FillP

```
Start at: 2018-06-05 20:45:16
End at: 2018-06-05 20:45:46
Local clock offset: -3.565 ms
Remote clock offset: -7.485 ms

# Below is generated by plot.py at 2018-06-05 22:38:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.72 Mbit/s
95th percentile per-packet one-way delay: 13.009 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.72 Mbit/s
95th percentile per-packet one-way delay: 13.009 ms
Loss rate: 0.05%
```

Run 5: Report of FillP — Data Link

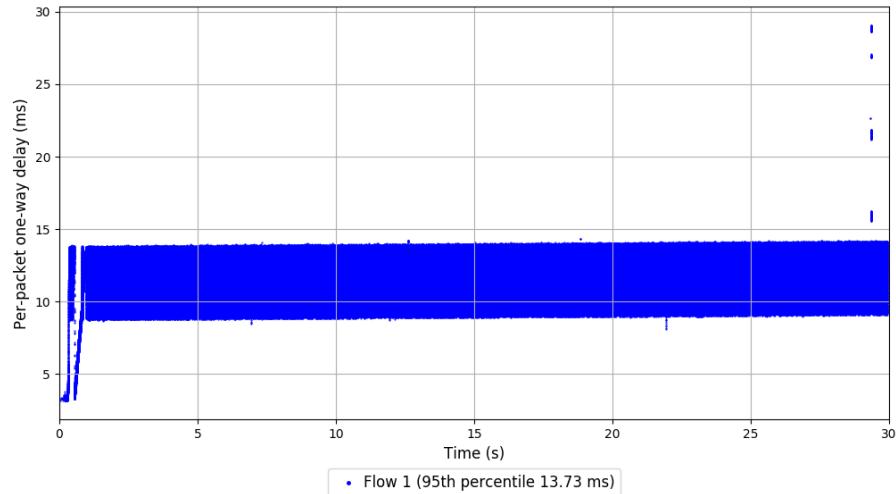
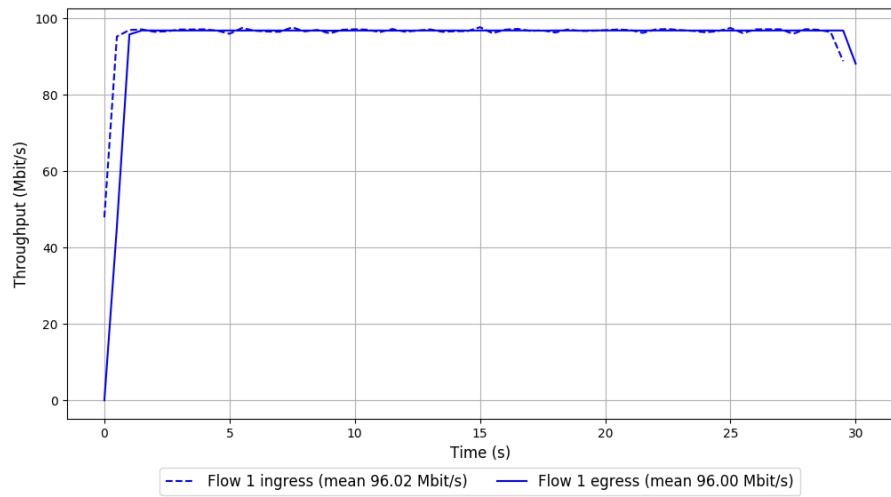


Run 6: Statistics of FillP

```
Start at: 2018-06-05 21:03:06
End at: 2018-06-05 21:03:36
Local clock offset: -6.356 ms
Remote clock offset: -7.407 ms

# Below is generated by plot.py at 2018-06-05 22:38:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 13.732 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 13.732 ms
Loss rate: 0.05%
```

Run 6: Report of FillP — Data Link

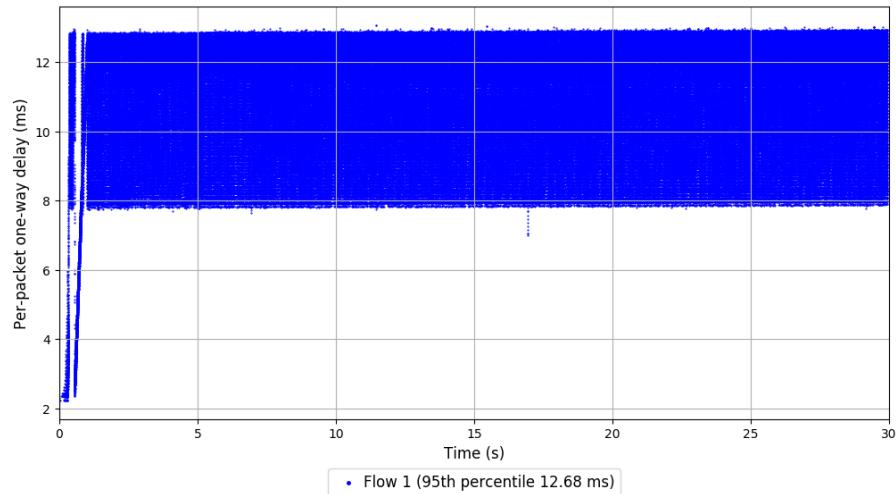
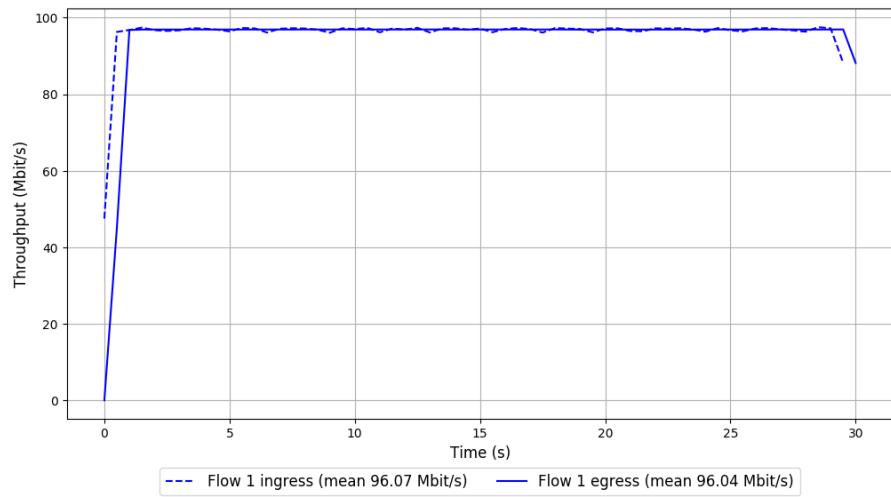


Run 7: Statistics of FillP

```
Start at: 2018-06-05 21:21:02
End at: 2018-06-05 21:21:32
Local clock offset: -6.762 ms
Remote clock offset: -1.939 ms

# Below is generated by plot.py at 2018-06-05 22:38:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 12.680 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 12.680 ms
Loss rate: 0.04%
```

Run 7: Report of FillP — Data Link

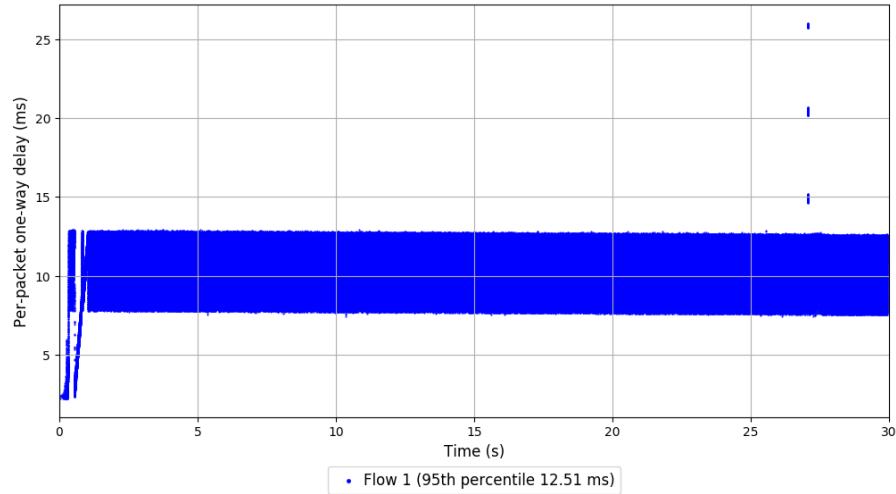
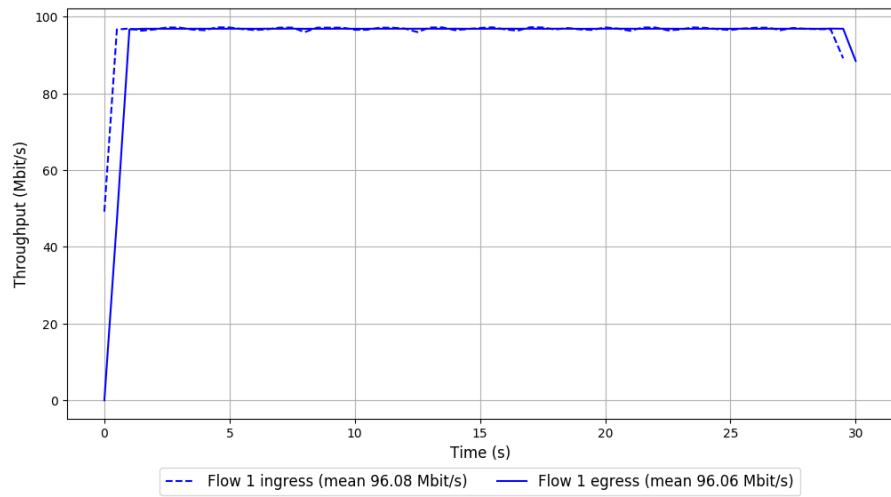


Run 8: Statistics of FillP

```
Start at: 2018-06-05 21:38:53
End at: 2018-06-05 21:39:24
Local clock offset: -6.566 ms
Remote clock offset: -2.942 ms

# Below is generated by plot.py at 2018-06-05 22:38:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 12.509 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 12.509 ms
Loss rate: 0.05%
```

Run 8: Report of FillP — Data Link

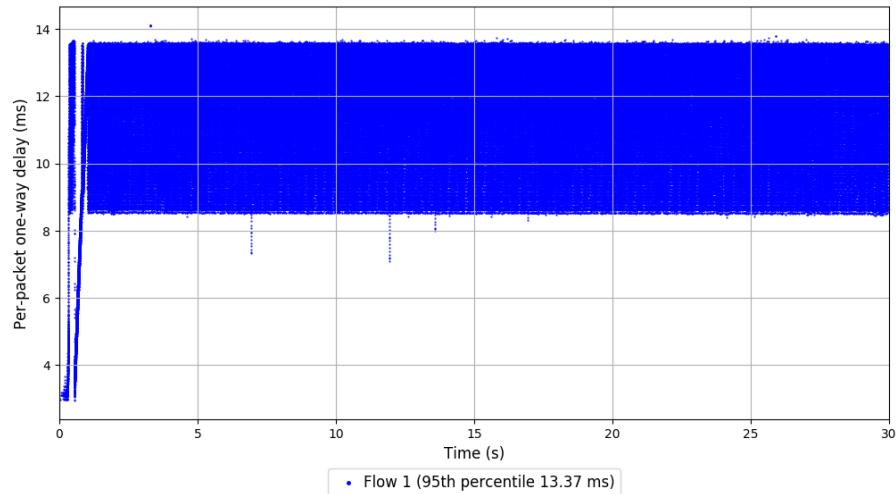
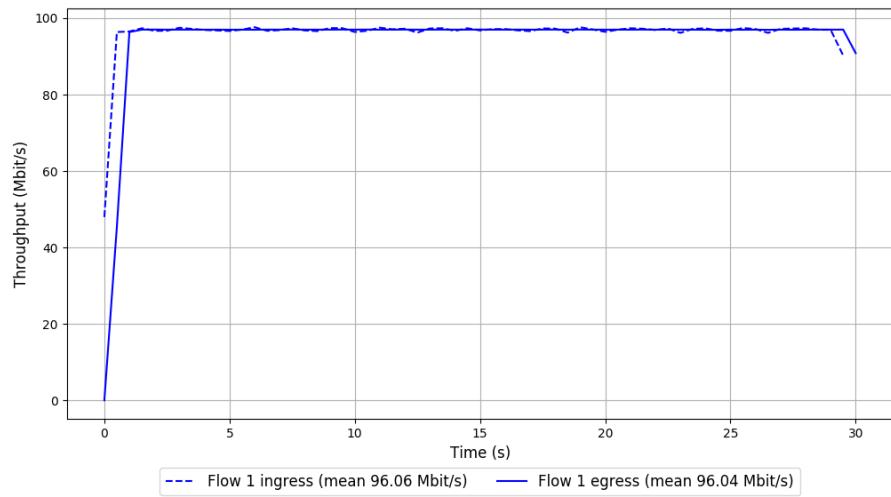


Run 9: Statistics of FillP

```
Start at: 2018-06-05 21:56:49
End at: 2018-06-05 21:57:19
Local clock offset: -5.313 ms
Remote clock offset: -6.524 ms

# Below is generated by plot.py at 2018-06-05 22:39:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 13.365 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 13.365 ms
Loss rate: 0.03%
```

Run 9: Report of FillP — Data Link

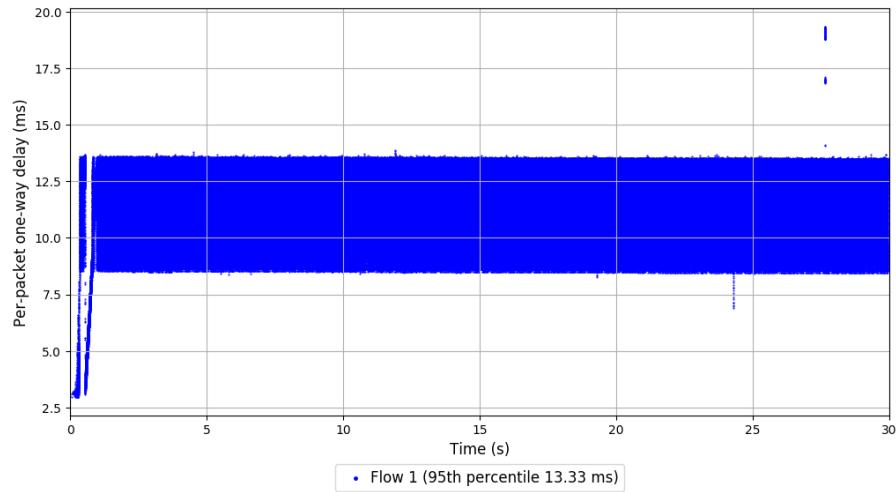
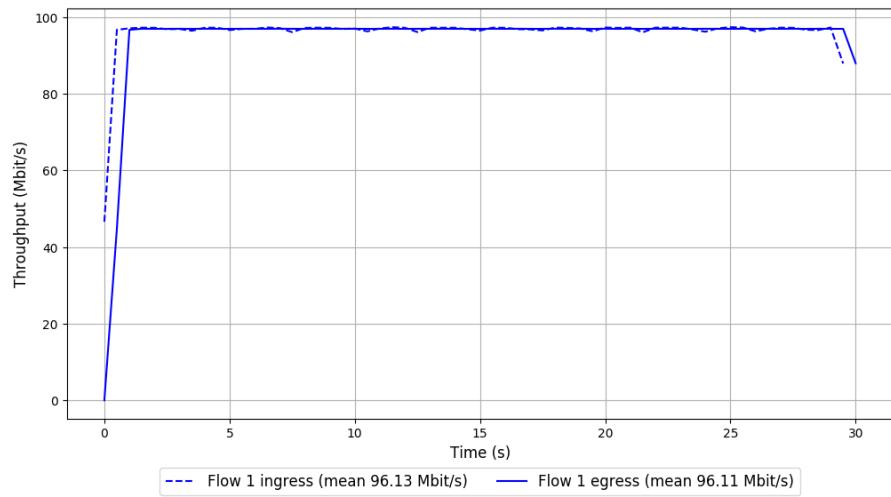


Run 10: Statistics of FillP

```
Start at: 2018-06-05 22:14:44
End at: 2018-06-05 22:15:14
Local clock offset: -1.313 ms
Remote clock offset: -7.046 ms

# Below is generated by plot.py at 2018-06-05 22:39:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 0.04%
```

Run 10: Report of FillP — Data Link

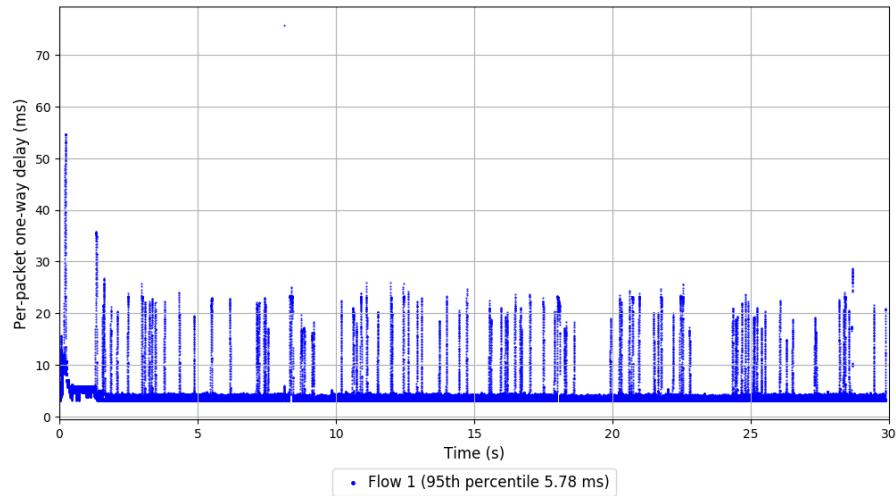
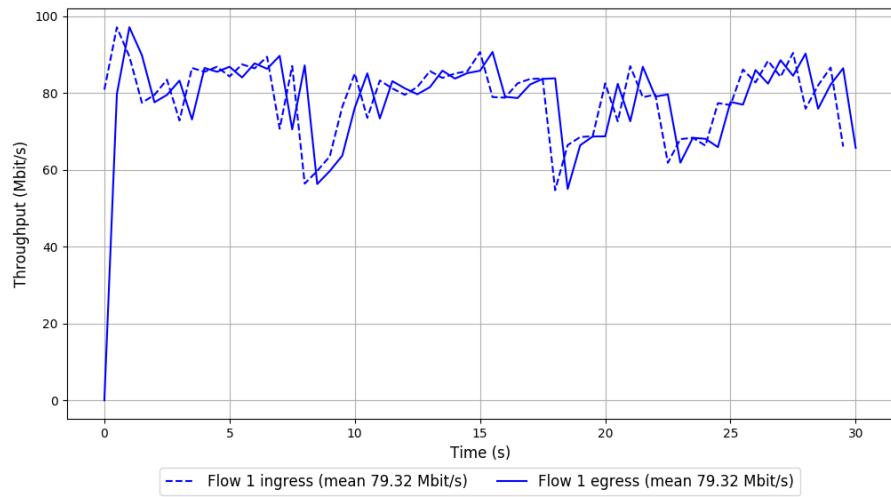


Run 1: Statistics of Indigo

```
Start at: 2018-06-05 19:46:07
End at: 2018-06-05 19:46:37
Local clock offset: 0.049 ms
Remote clock offset: -1.778 ms

# Below is generated by plot.py at 2018-06-05 22:39:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 5.782 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 5.782 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo — Data Link

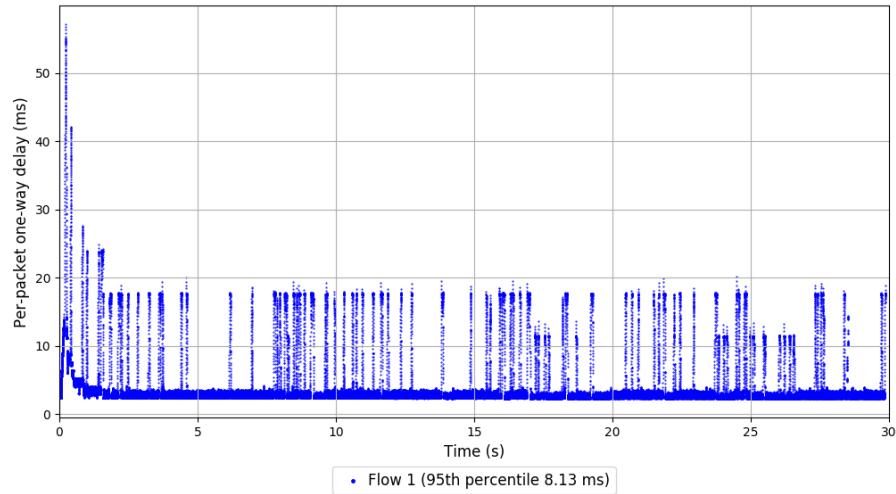
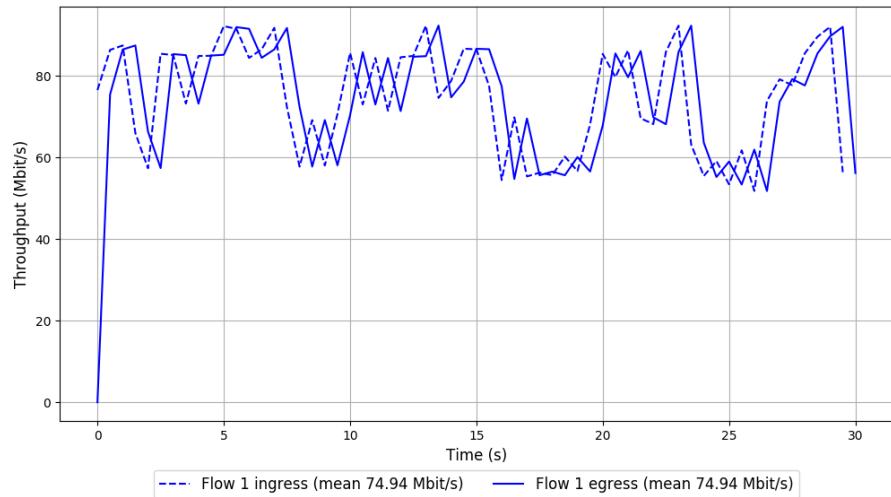


Run 2: Statistics of Indigo

```
Start at: 2018-06-05 20:03:58
End at: 2018-06-05 20:04:28
Local clock offset: 1.374 ms
Remote clock offset: -1.455 ms

# Below is generated by plot.py at 2018-06-05 22:39:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.94 Mbit/s
95th percentile per-packet one-way delay: 8.129 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.94 Mbit/s
95th percentile per-packet one-way delay: 8.129 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo — Data Link

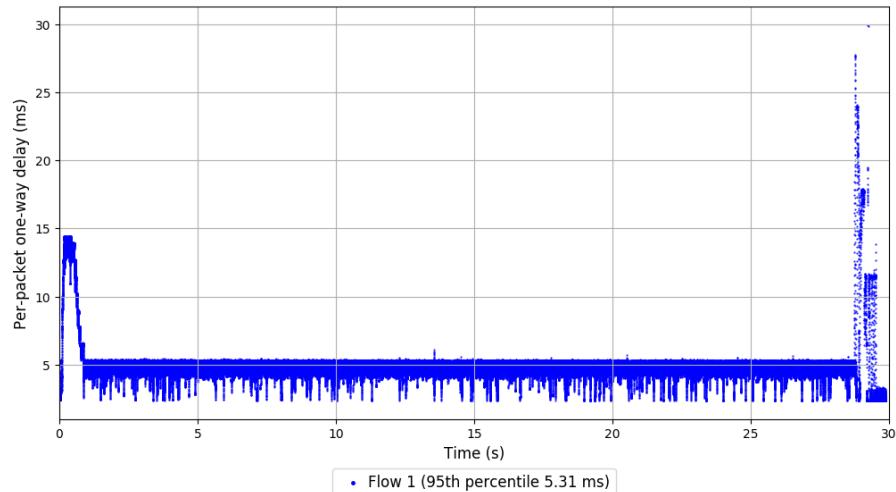
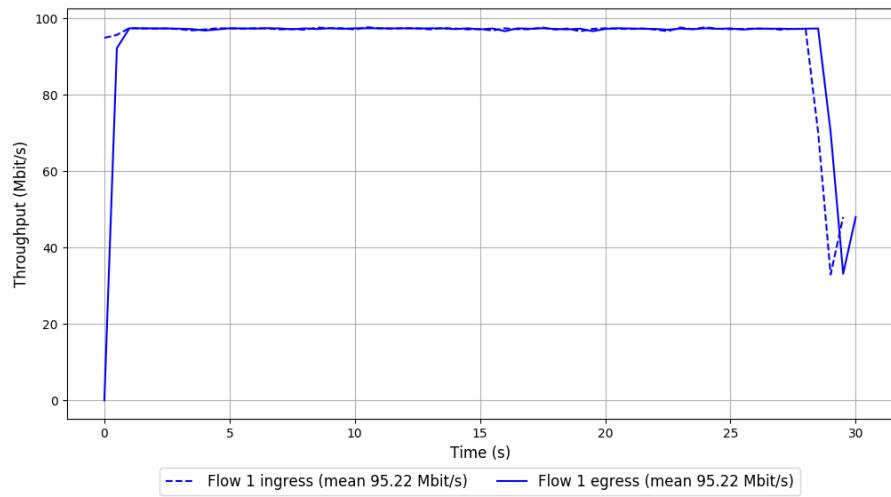


Run 3: Statistics of Indigo

```
Start at: 2018-06-05 20:21:48
End at: 2018-06-05 20:22:18
Local clock offset: 2.727 ms
Remote clock offset: -1.285 ms

# Below is generated by plot.py at 2018-06-05 22:39:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 5.308 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 5.308 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo — Data Link

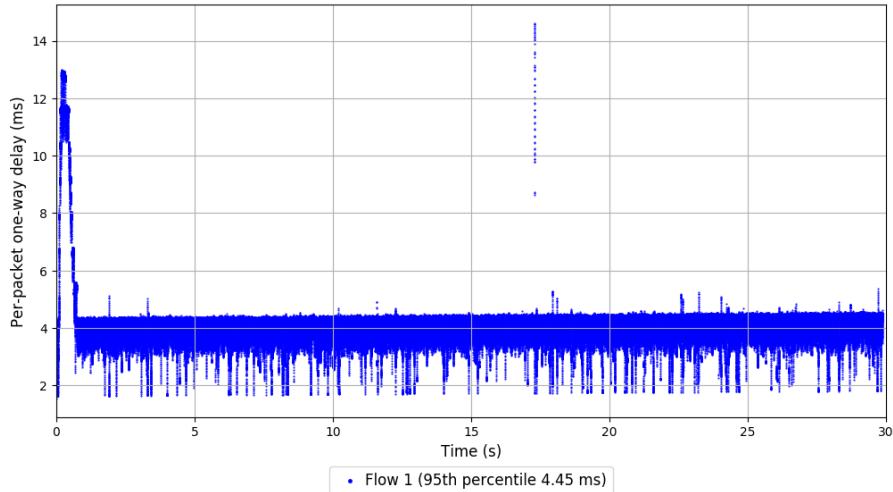
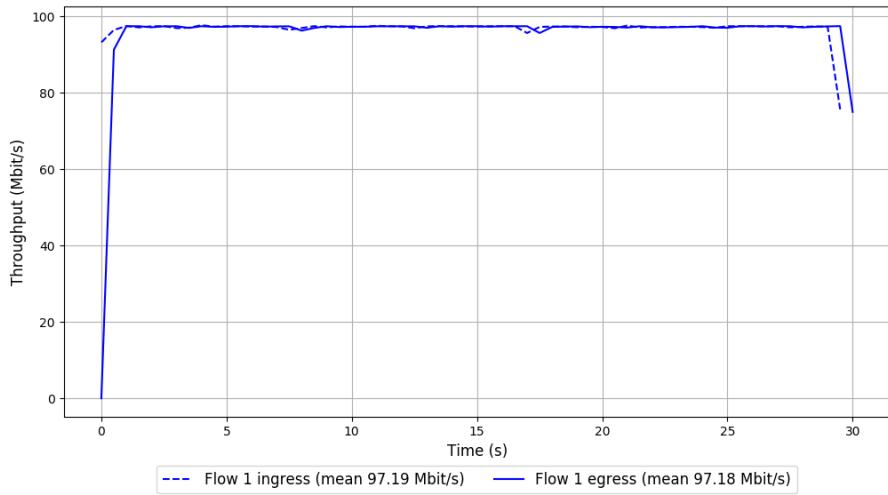


Run 4: Statistics of Indigo

```
Start at: 2018-06-05 20:39:36
End at: 2018-06-05 20:40:06
Local clock offset: -1.756 ms
Remote clock offset: -6.418 ms

# Below is generated by plot.py at 2018-06-05 22:39:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 4.445 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 4.445 ms
Loss rate: 0.03%
```

Run 4: Report of Indigo — Data Link

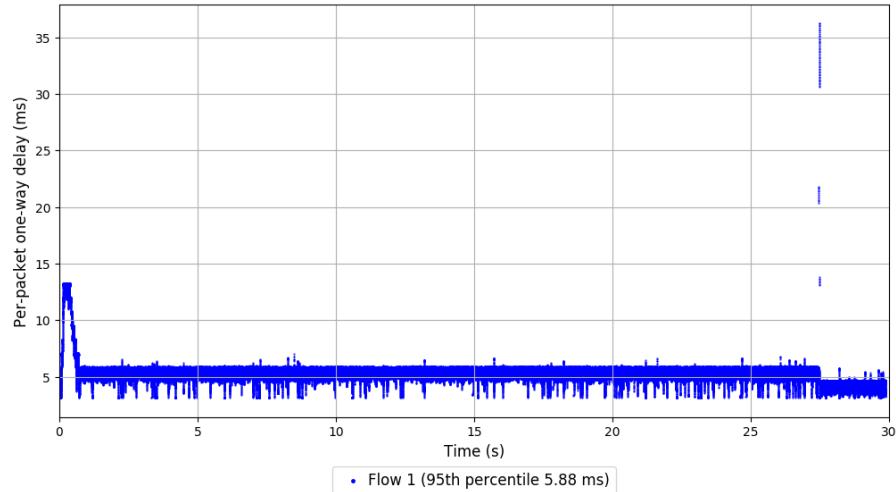
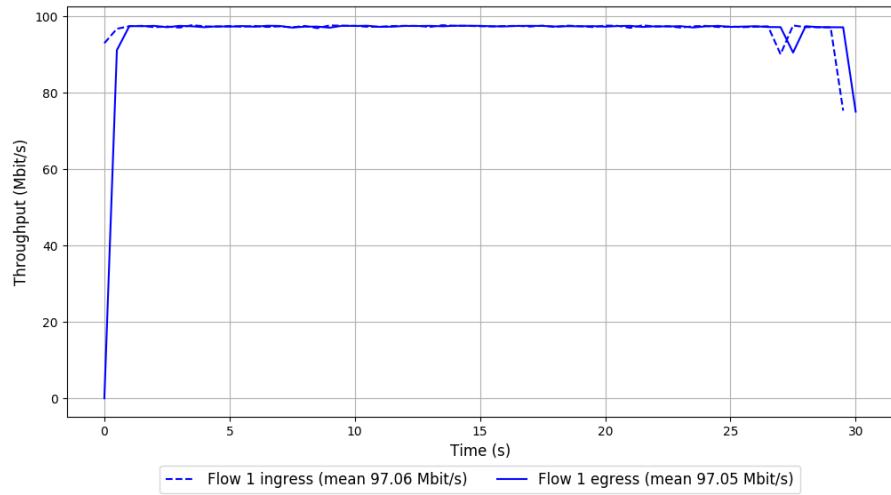


Run 5: Statistics of Indigo

```
Start at: 2018-06-05 20:57:24
End at: 2018-06-05 20:57:54
Local clock offset: -5.564 ms
Remote clock offset: -8.756 ms

# Below is generated by plot.py at 2018-06-05 22:39:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 5.878 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 5.878 ms
Loss rate: 0.02%
```

Run 5: Report of Indigo — Data Link

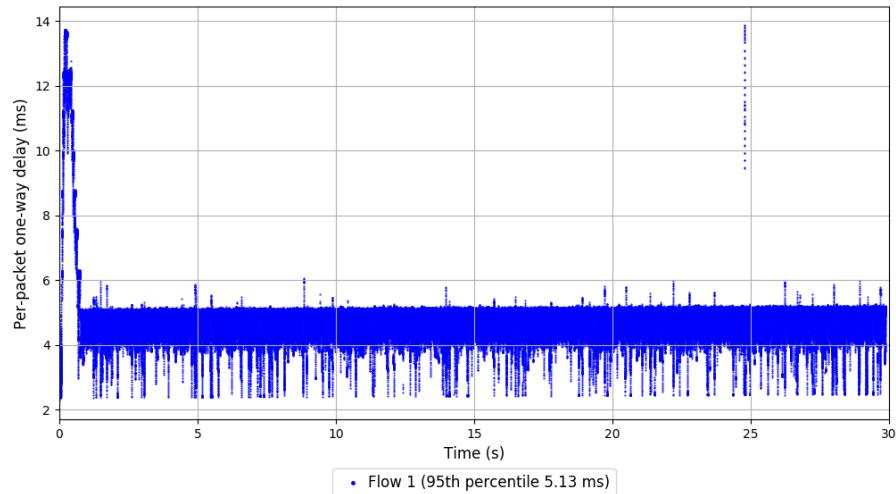
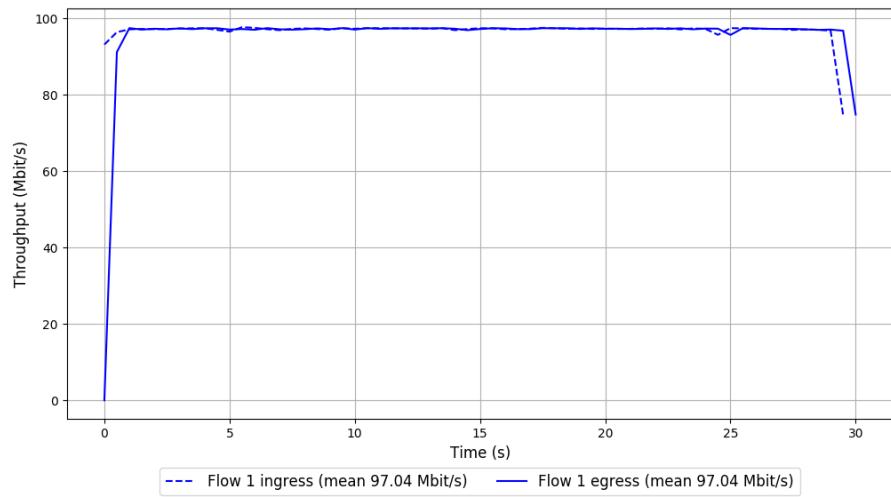


Run 6: Statistics of Indigo

```
Start at: 2018-06-05 21:15:21
End at: 2018-06-05 21:15:51
Local clock offset: -6.596 ms
Remote clock offset: -2.858 ms

# Below is generated by plot.py at 2018-06-05 22:39:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 5.128 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 5.128 ms
Loss rate: 0.01%
```

Run 6: Report of Indigo — Data Link

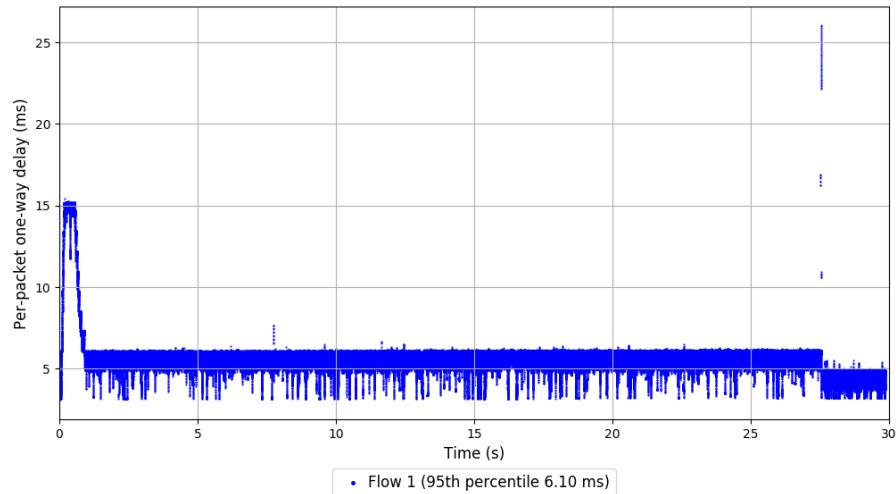
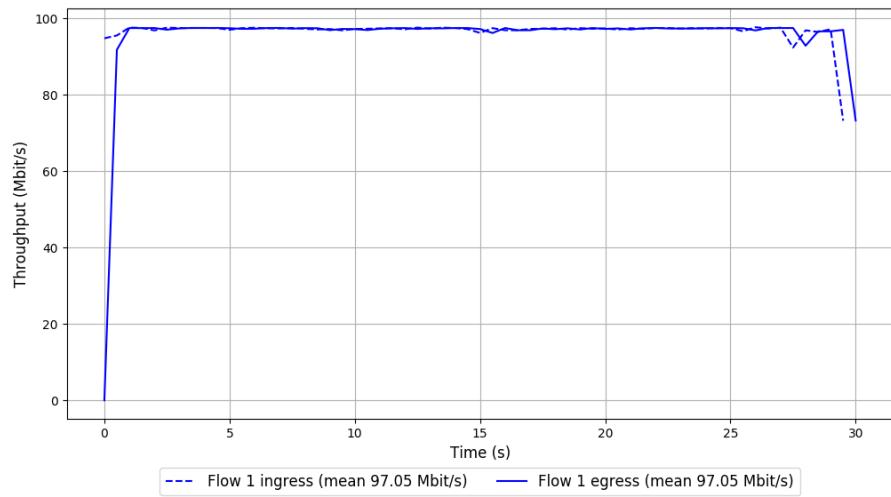


Run 7: Statistics of Indigo

```
Start at: 2018-06-05 21:33:13
End at: 2018-06-05 21:33:43
Local clock offset: -6.502 ms
Remote clock offset: -0.617 ms

# Below is generated by plot.py at 2018-06-05 22:40:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 6.100 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 6.100 ms
Loss rate: 0.02%
```

Run 7: Report of Indigo — Data Link

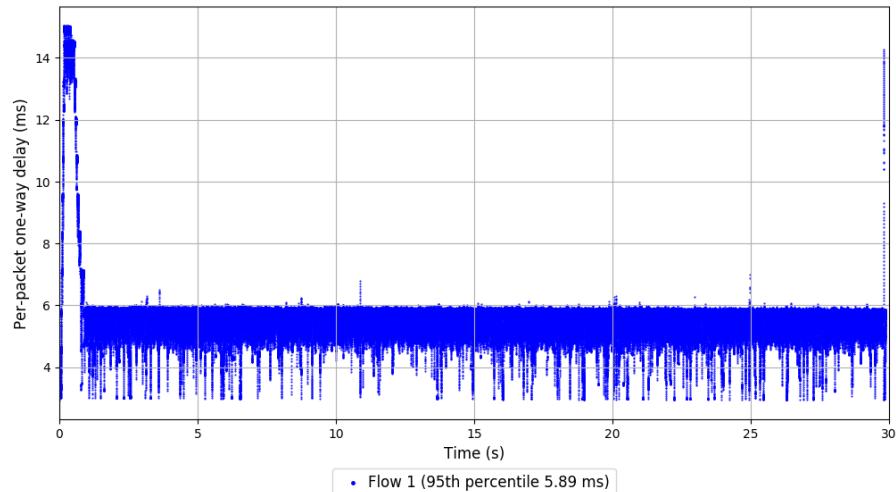
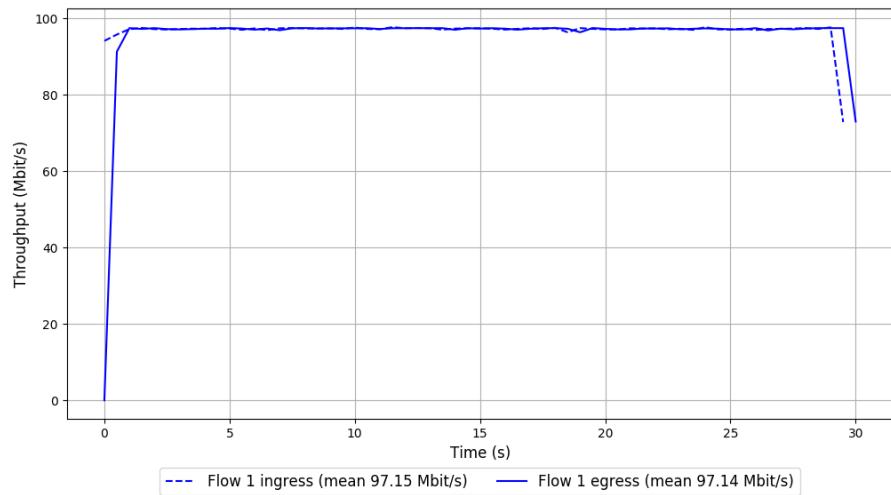


Run 8: Statistics of Indigo

```
Start at: 2018-06-05 21:51:08
End at: 2018-06-05 21:51:38
Local clock offset: -5.326 ms
Remote clock offset: -5.953 ms

# Below is generated by plot.py at 2018-06-05 22:40:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 5.894 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 5.894 ms
Loss rate: 0.02%
```

Run 8: Report of Indigo — Data Link

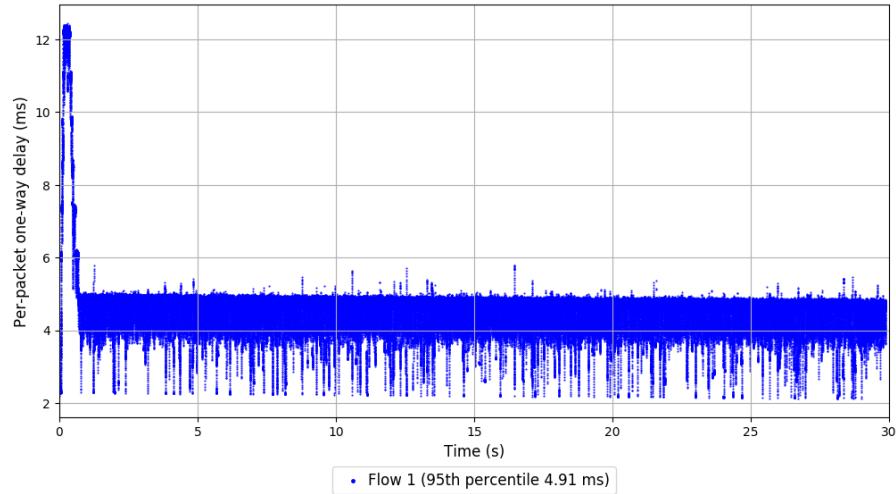
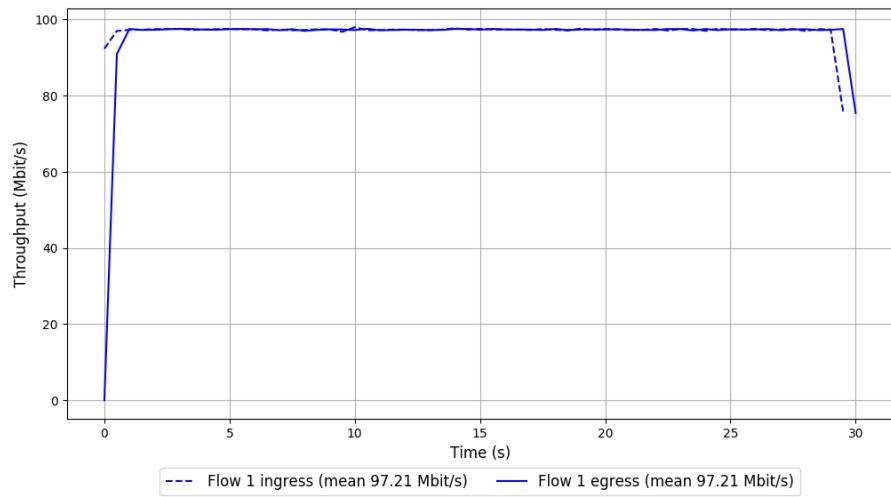


Run 9: Statistics of Indigo

```
Start at: 2018-06-05 22:09:03
End at: 2018-06-05 22:09:33
Local clock offset: -3.739 ms
Remote clock offset: -7.209 ms

# Below is generated by plot.py at 2018-06-05 22:40:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 4.908 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 4.908 ms
Loss rate: 0.02%
```

Run 9: Report of Indigo — Data Link

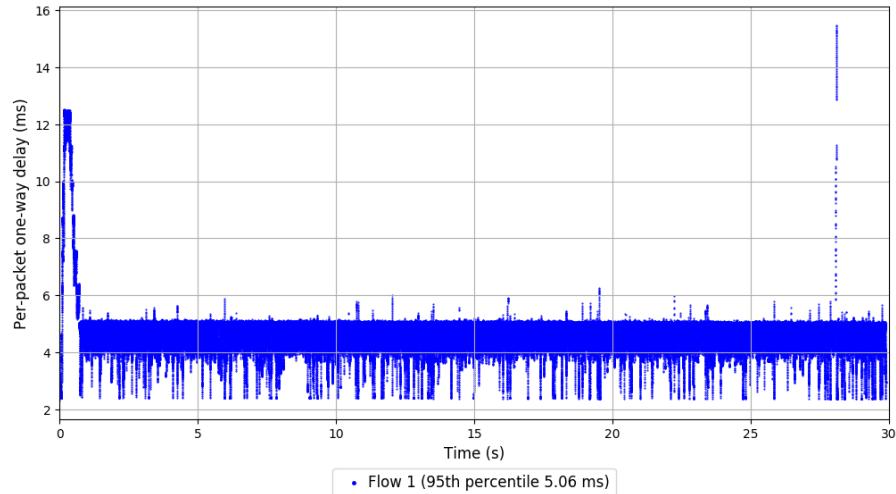
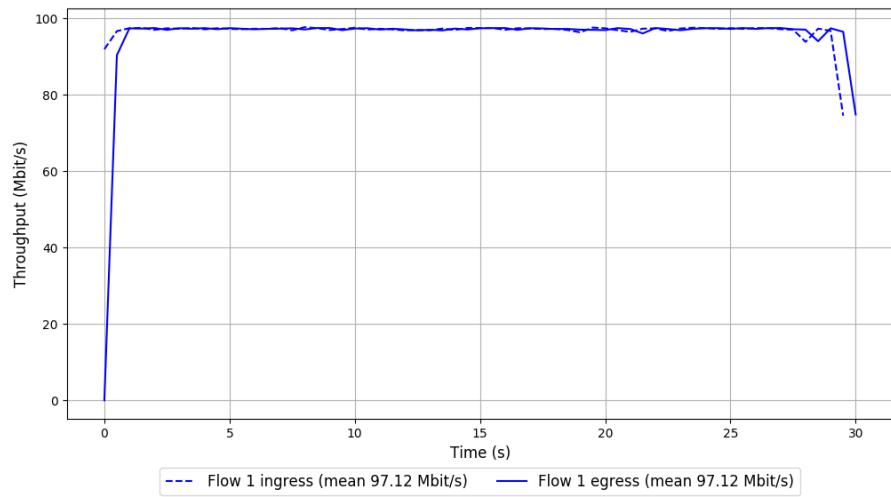


Run 10: Statistics of Indigo

```
Start at: 2018-06-05 22:26:56
End at: 2018-06-05 22:27:27
Local clock offset: -0.471 ms
Remote clock offset: -7.098 ms

# Below is generated by plot.py at 2018-06-05 22:40:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 5.059 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 5.059 ms
Loss rate: 0.01%
```

Run 10: Report of Indigo — Data Link

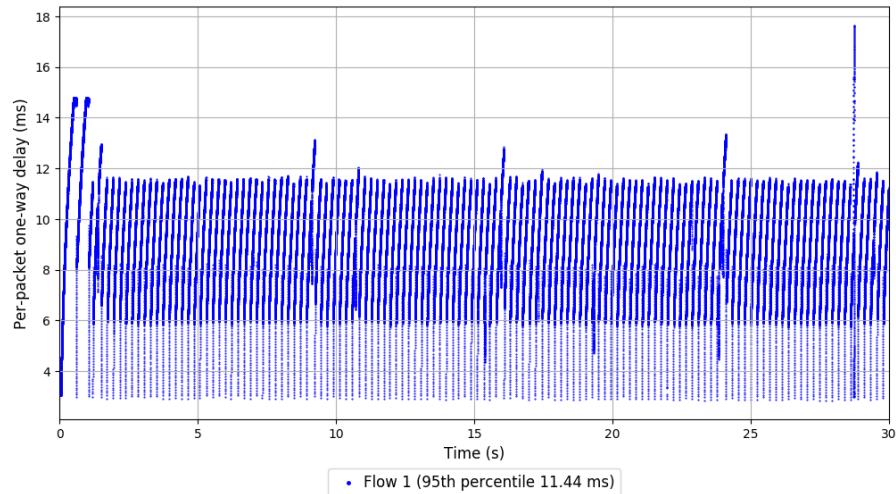
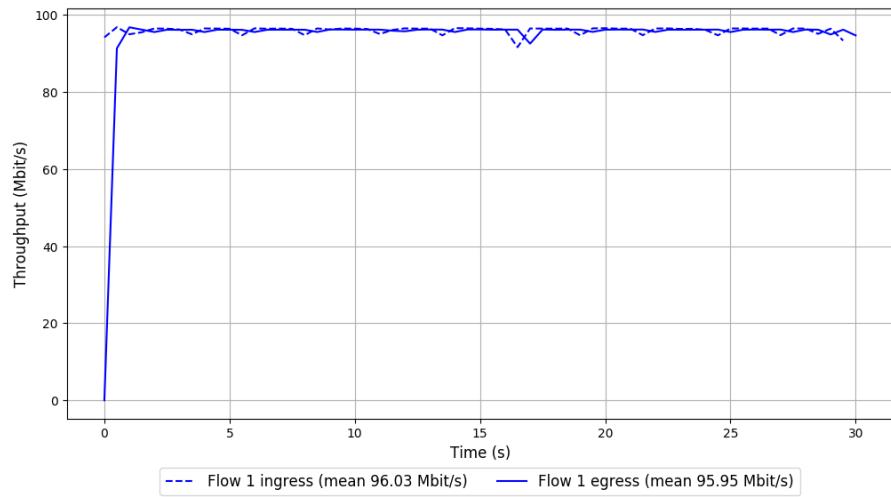


```
Run 1: Statistics of LEDBAT

Start at: 2018-06-05 19:41:41
End at: 2018-06-05 19:42:11
Local clock offset: -0.893 ms
Remote clock offset: -1.984 ms

# Below is generated by plot.py at 2018-06-05 22:40:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 11.437 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 11.437 ms
Loss rate: 0.07%
```

Run 1: Report of LEDBAT — Data Link

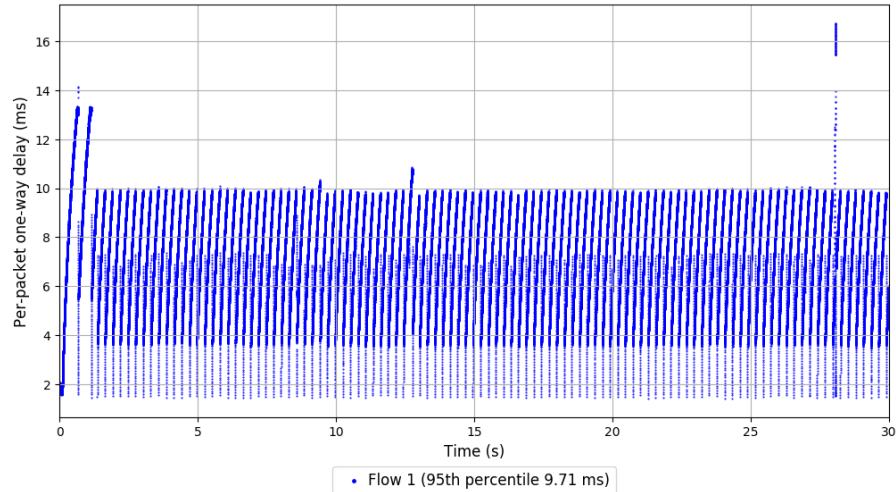
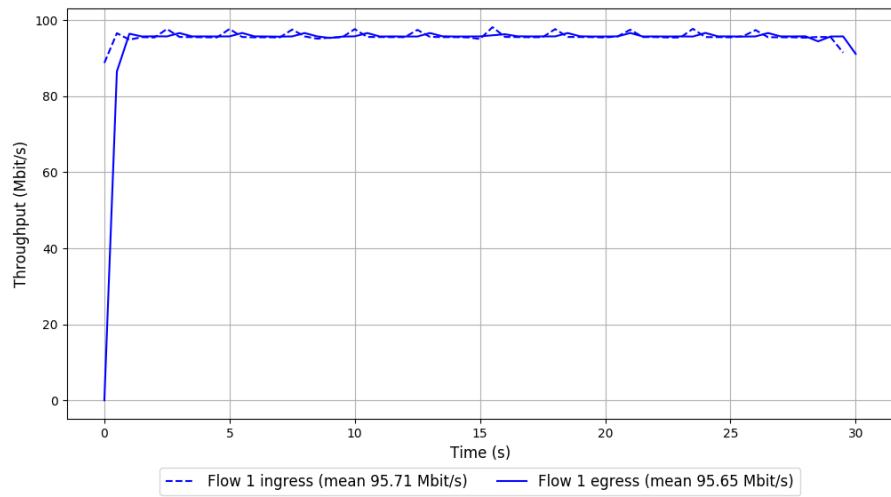


Run 2: Statistics of LEDBAT

```
Start at: 2018-06-05 19:59:32
End at: 2018-06-05 20:00:02
Local clock offset: 0.197 ms
Remote clock offset: -1.532 ms

# Below is generated by plot.py at 2018-06-05 22:40:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 9.714 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 9.714 ms
Loss rate: 0.07%
```

Run 2: Report of LEDBAT — Data Link

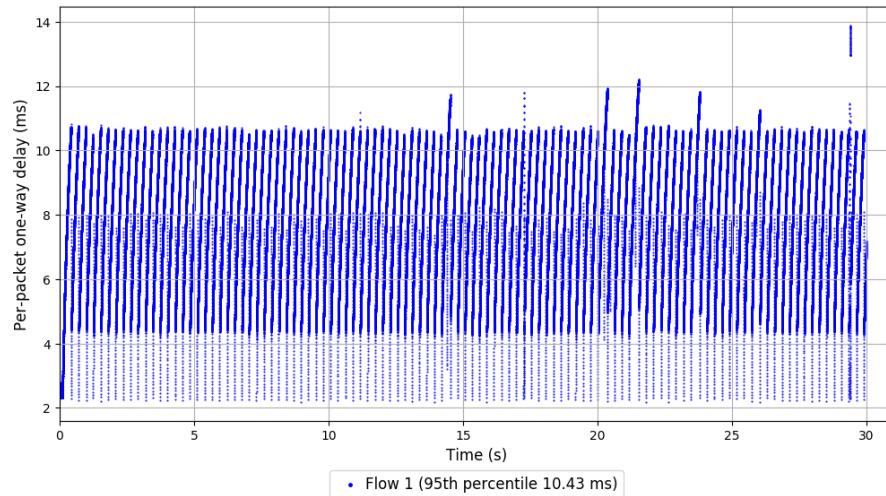
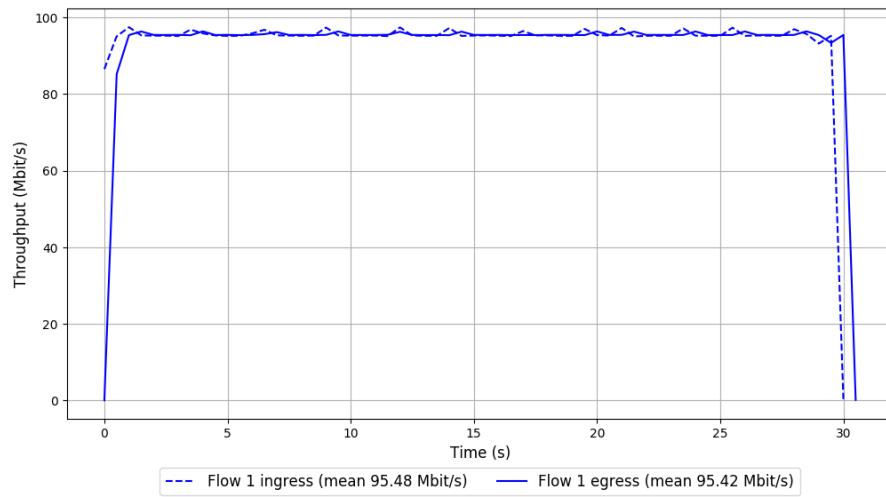


Run 3: Statistics of LEDBAT

```
Start at: 2018-06-05 20:17:22
End at: 2018-06-05 20:17:52
Local clock offset: 2.411 ms
Remote clock offset: -1.277 ms

# Below is generated by plot.py at 2018-06-05 22:40:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 10.430 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 10.430 ms
Loss rate: 0.07%
```

Run 3: Report of LEDBAT — Data Link

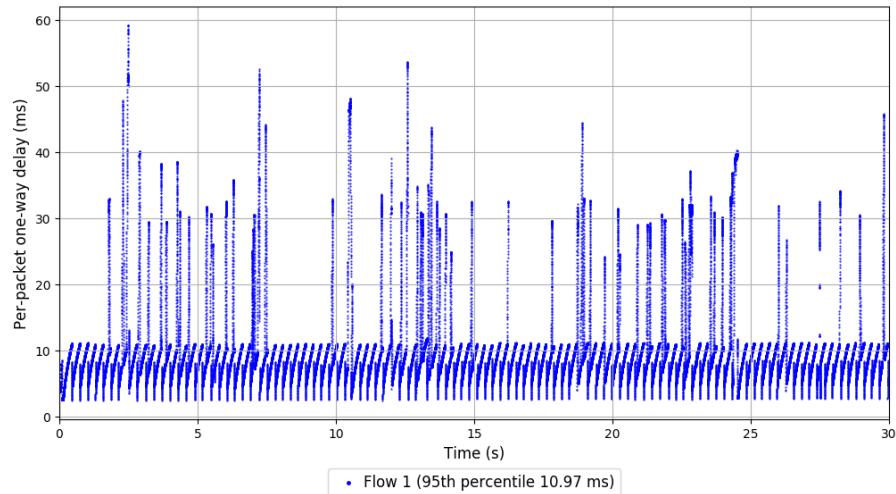
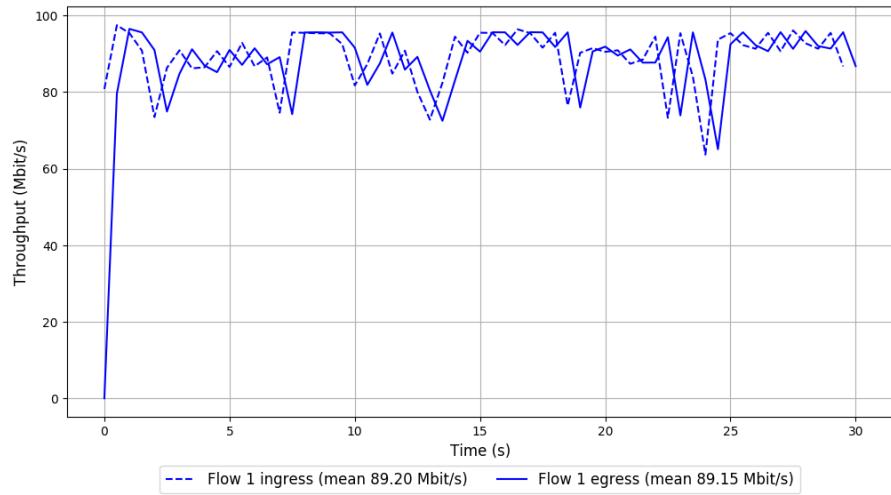


Run 4: Statistics of LEDBAT

```
Start at: 2018-06-05 20:35:10
End at: 2018-06-05 20:35:40
Local clock offset: 2.45 ms
Remote clock offset: -5.302 ms

# Below is generated by plot.py at 2018-06-05 22:40:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 10.966 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 10.966 ms
Loss rate: 0.07%
```

Run 4: Report of LEDBAT — Data Link

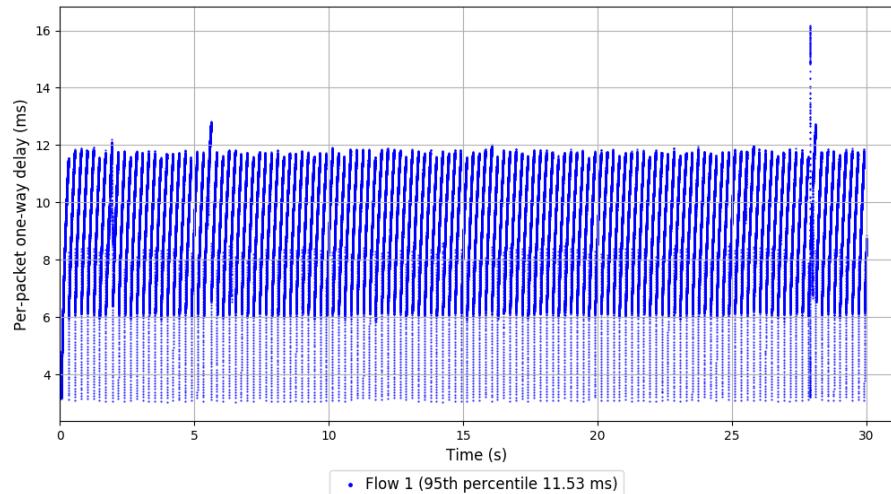
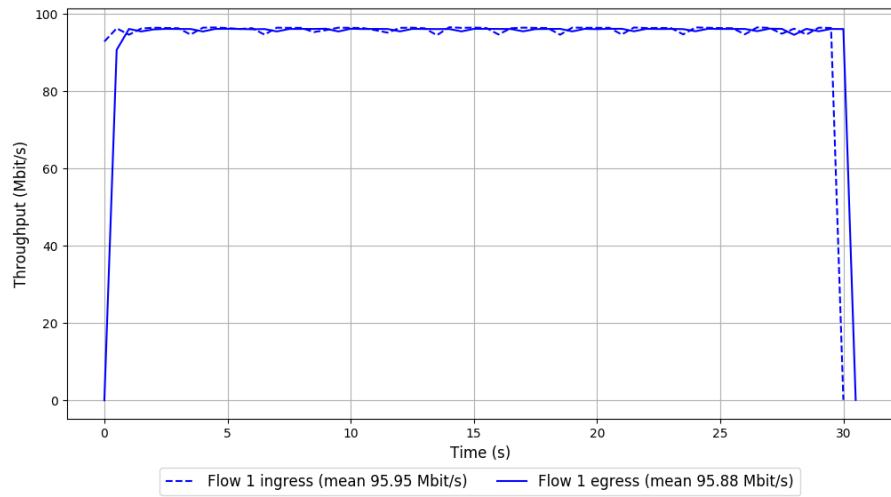


Run 5: Statistics of LEDBAT

```
Start at: 2018-06-05 20:52:58
End at: 2018-06-05 20:53:28
Local clock offset: -4.825 ms
Remote clock offset: -8.35 ms

# Below is generated by plot.py at 2018-06-05 22:41:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 11.528 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 11.528 ms
Loss rate: 0.08%
```

Run 5: Report of LEDBAT — Data Link

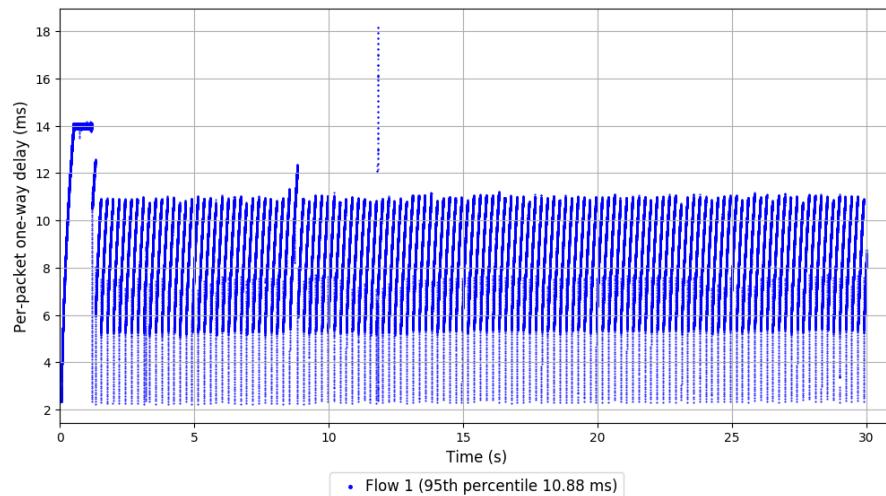
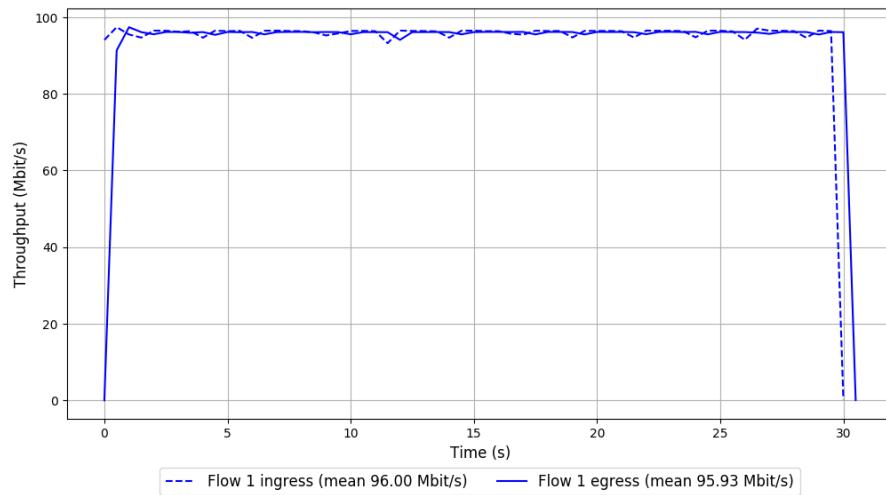


Run 6: Statistics of LEDBAT

```
Start at: 2018-06-05 21:10:54
End at: 2018-06-05 21:11:24
Local clock offset: -6.667 ms
Remote clock offset: -3.957 ms

# Below is generated by plot.py at 2018-06-05 22:41:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 10.881 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 10.881 ms
Loss rate: 0.08%
```

Run 6: Report of LEDBAT — Data Link

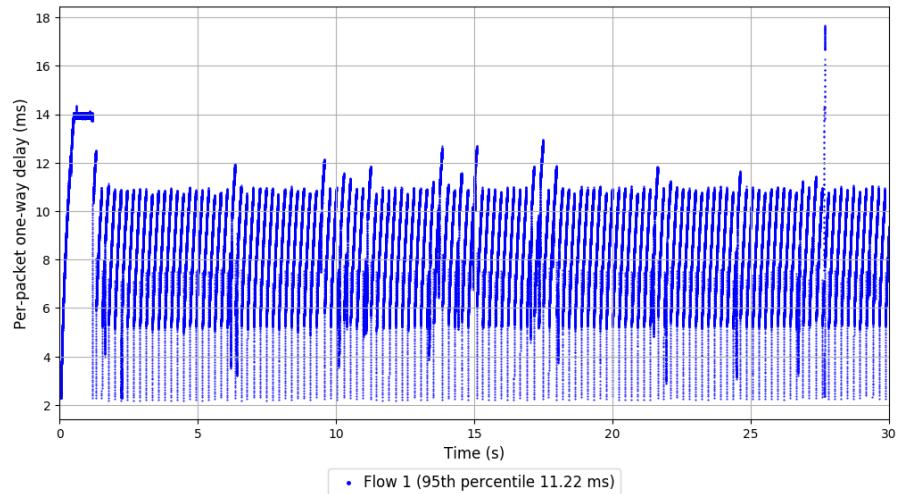
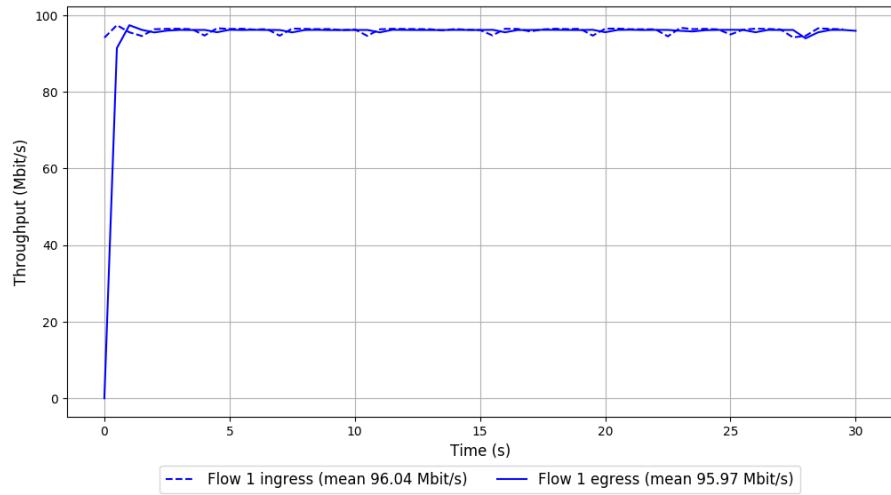


Run 7: Statistics of LEDBAT

```
Start at: 2018-06-05 21:28:46
End at: 2018-06-05 21:29:16
Local clock offset: -7.102 ms
Remote clock offset: -1.016 ms

# Below is generated by plot.py at 2018-06-05 22:41:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 11.219 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 11.219 ms
Loss rate: 0.09%
```

Run 7: Report of LEDBAT — Data Link

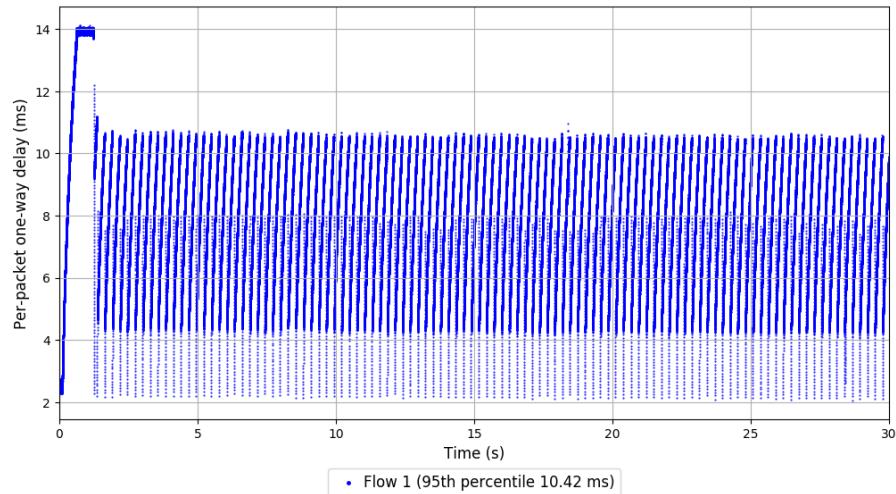
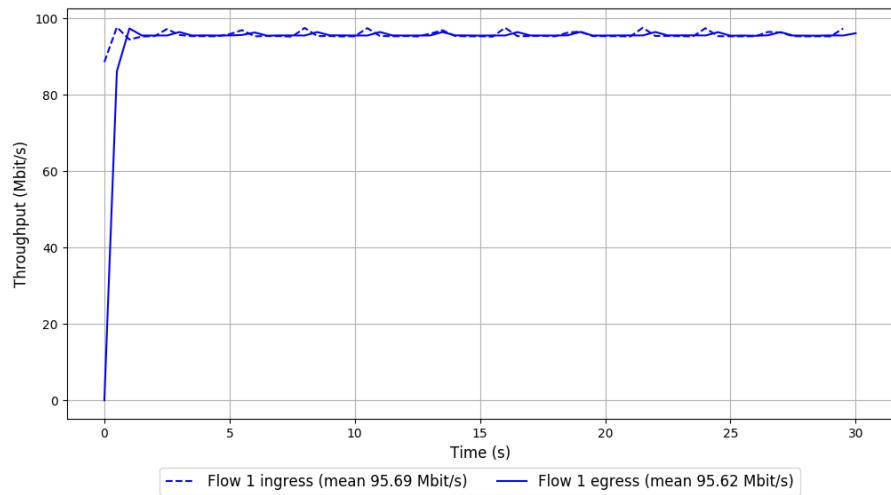


Run 8: Statistics of LEDBAT

```
Start at: 2018-06-05 21:46:41
End at: 2018-06-05 21:47:11
Local clock offset: -6.101 ms
Remote clock offset: -5.269 ms

# Below is generated by plot.py at 2018-06-05 22:41:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 10.418 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 10.418 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

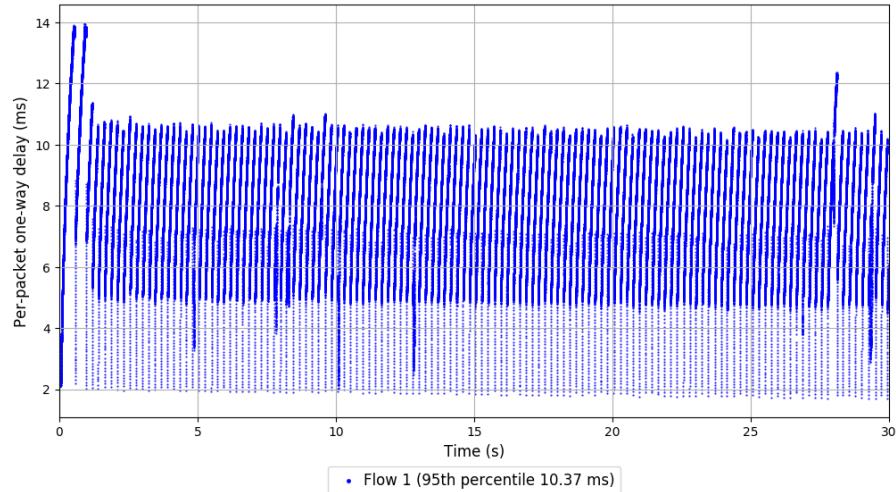
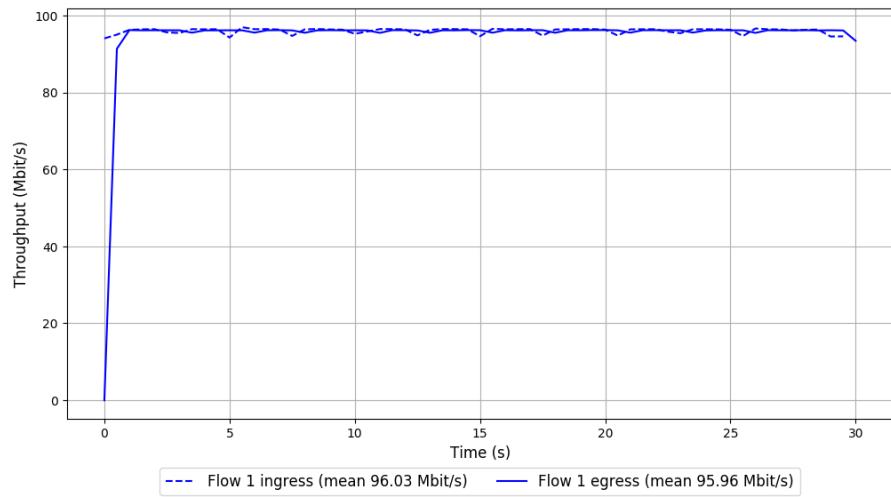


Run 9: Statistics of LEDBAT

```
Start at: 2018-06-05 22:04:37
End at: 2018-06-05 22:05:07
Local clock offset: -5.88 ms
Remote clock offset: -6.981 ms

# Below is generated by plot.py at 2018-06-05 22:41:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 10.369 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 10.369 ms
Loss rate: 0.08%
```

Run 9: Report of LEDBAT — Data Link

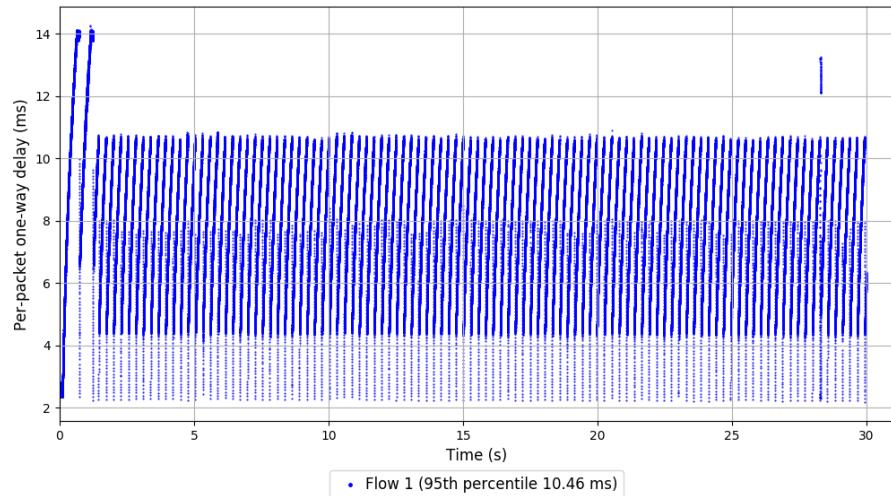
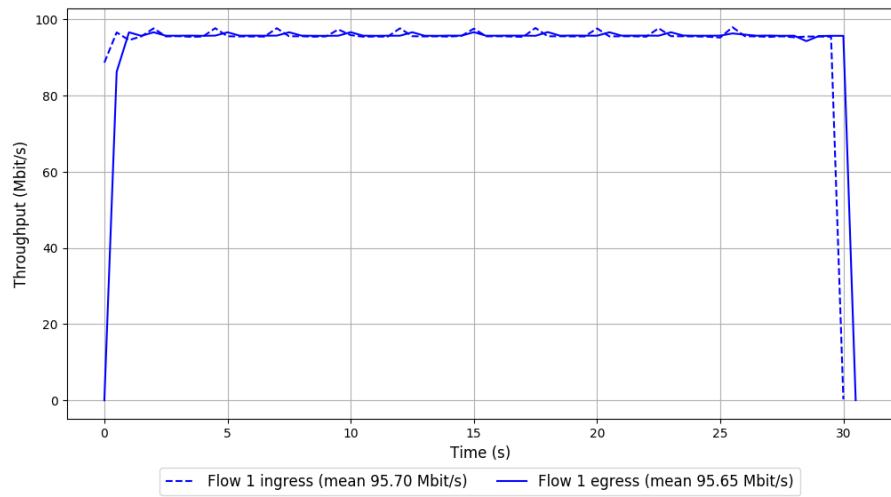


Run 10: Statistics of LEDBAT

```
Start at: 2018-06-05 22:22:30
End at: 2018-06-05 22:23:00
Local clock offset: -0.893 ms
Remote clock offset: -7.018 ms

# Below is generated by plot.py at 2018-06-05 22:41:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 10.460 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 10.460 ms
Loss rate: 0.07%
```

Run 10: Report of LEDBAT — Data Link

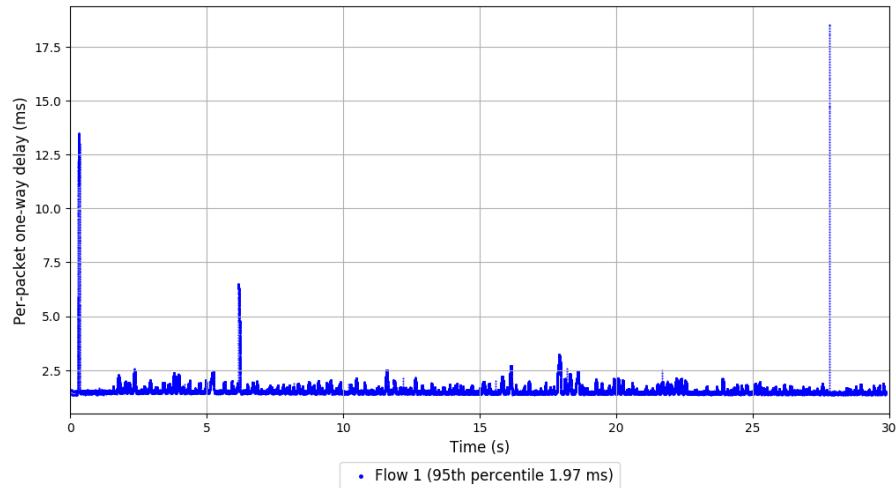
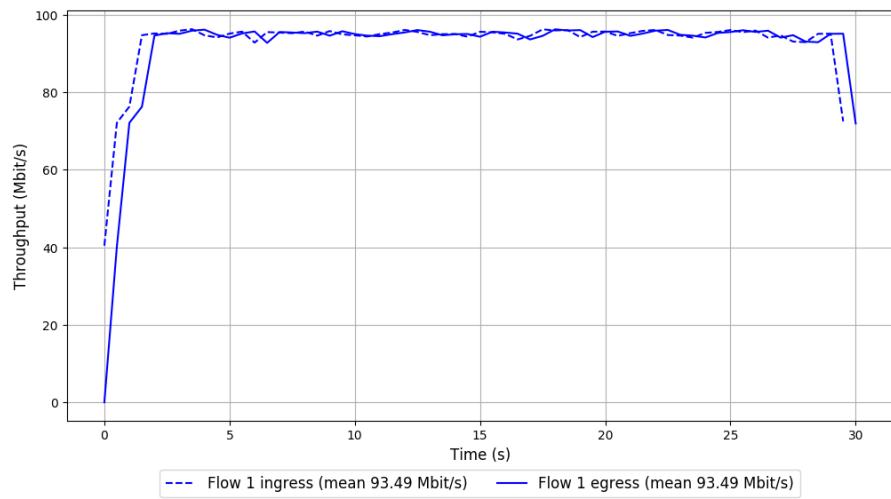


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-06-05 19:47:15
End at: 2018-06-05 19:47:45
Local clock offset: -1.286 ms
Remote clock offset: -1.649 ms

# Below is generated by plot.py at 2018-06-05 22:41:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.49 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.49 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 0.02%
```

Run 1: Report of PCC-Allegro — Data Link

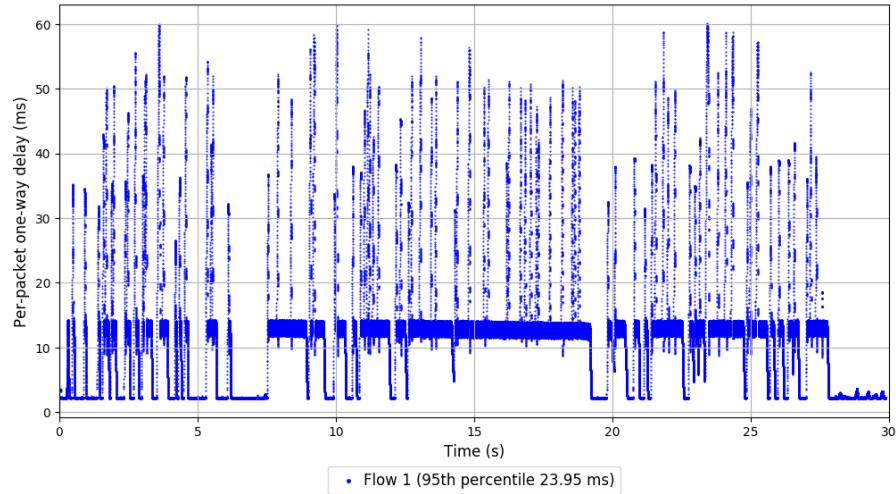
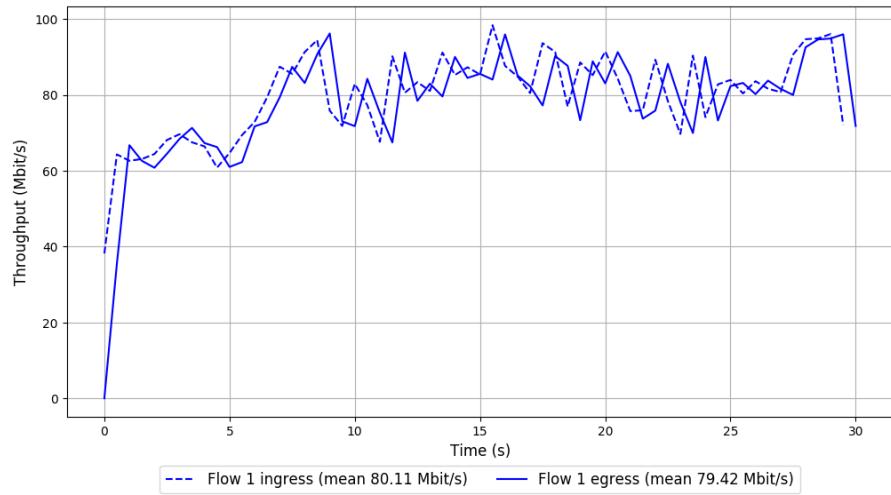


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:05:06
End at: 2018-06-05 20:05:36
Local clock offset: 1.386 ms
Remote clock offset: -1.458 ms

# Below is generated by plot.py at 2018-06-05 22:41:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 23.952 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 23.952 ms
Loss rate: 0.88%
```

Run 2: Report of PCC-Allegro — Data Link

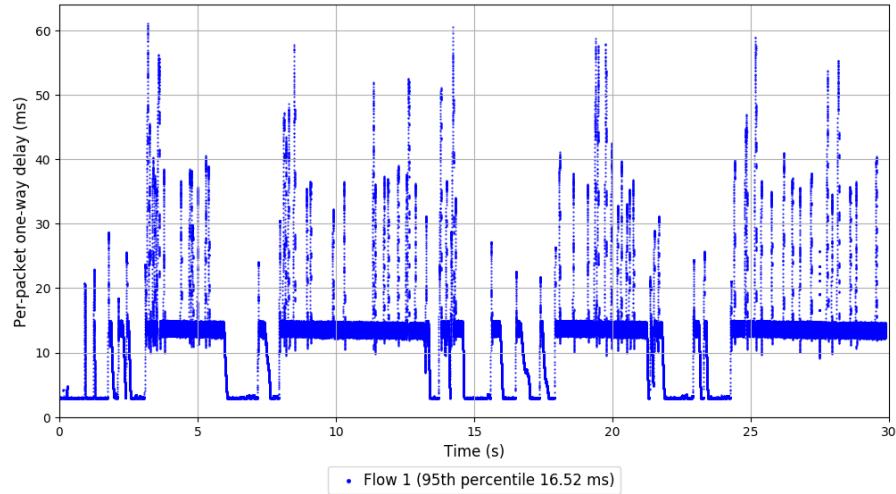
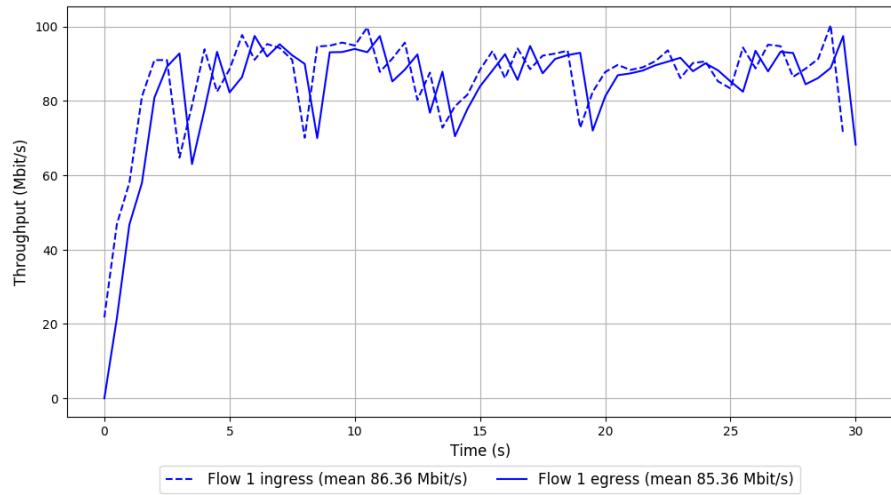


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:22:57
End at: 2018-06-05 20:23:27
Local clock offset: 3.524 ms
Remote clock offset: -1.188 ms

# Below is generated by plot.py at 2018-06-05 22:42:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 16.522 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 16.522 ms
Loss rate: 1.18%
```

Run 3: Report of PCC-Allegro — Data Link

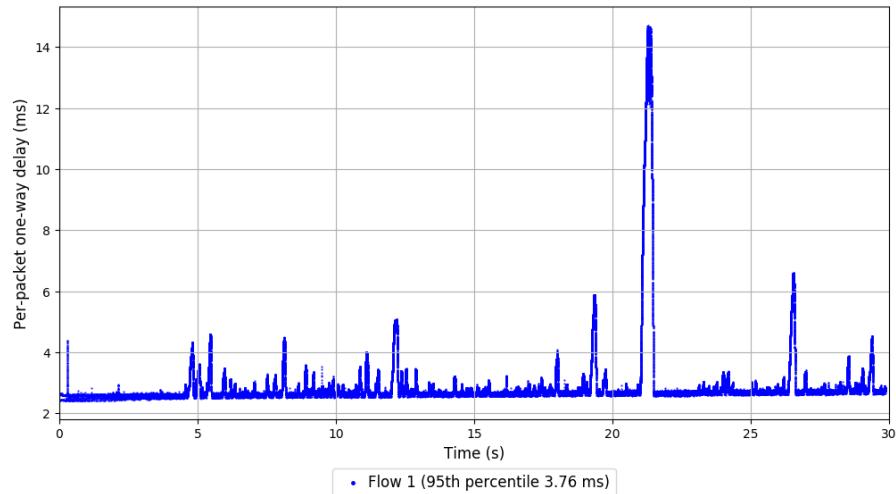
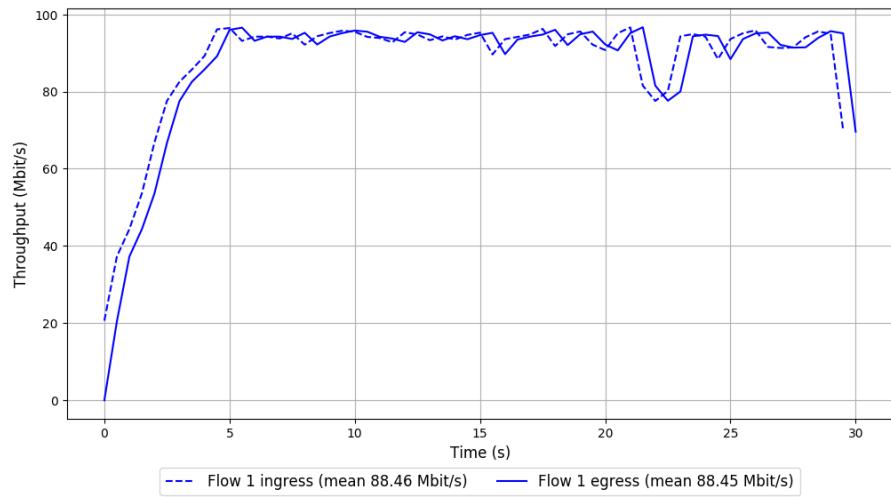


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:40:45
End at: 2018-06-05 20:41:15
Local clock offset: -1.496 ms
Remote clock offset: -6.71 ms

# Below is generated by plot.py at 2018-06-05 22:42:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.45 Mbit/s
95th percentile per-packet one-way delay: 3.764 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.45 Mbit/s
95th percentile per-packet one-way delay: 3.764 ms
Loss rate: 0.02%
```

Run 4: Report of PCC-Allegro — Data Link

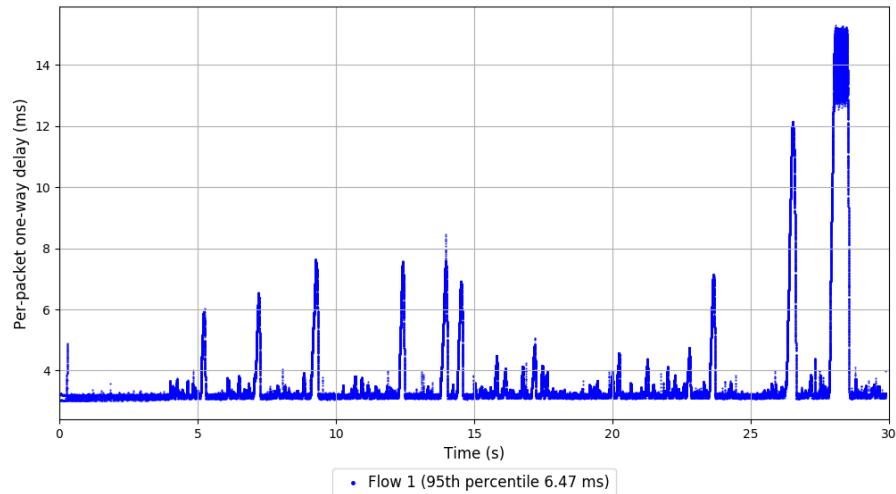
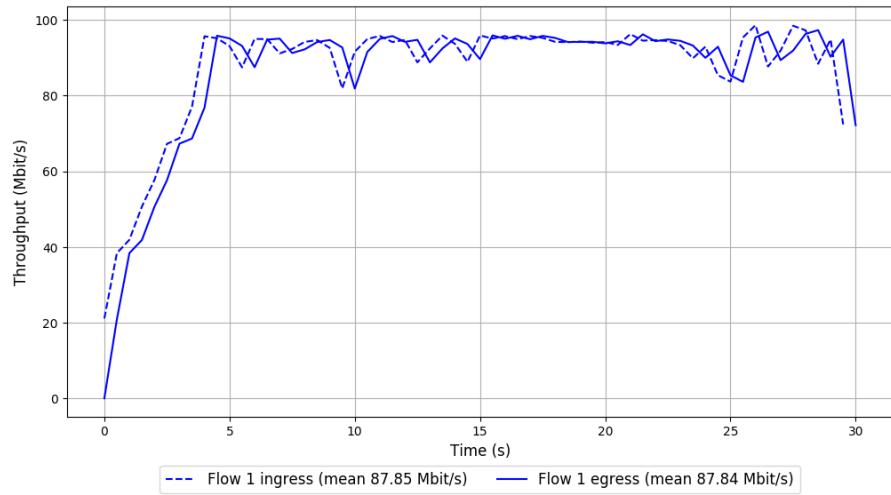


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:58:33
End at: 2018-06-05 20:59:03
Local clock offset: -5.756 ms
Remote clock offset: -8.885 ms

# Below is generated by plot.py at 2018-06-05 22:42:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.84 Mbit/s
95th percentile per-packet one-way delay: 6.470 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.84 Mbit/s
95th percentile per-packet one-way delay: 6.470 ms
Loss rate: 0.02%
```

Run 5: Report of PCC-Allegro — Data Link

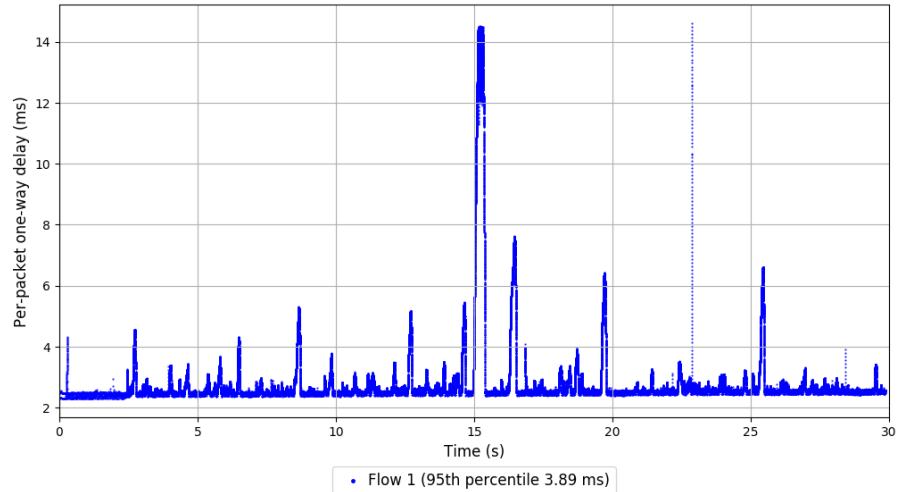
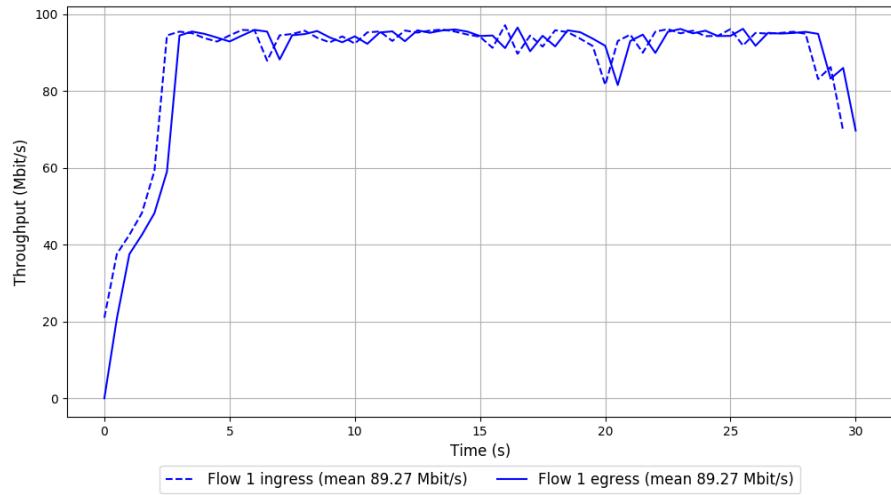


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:16:29
End at: 2018-06-05 21:16:59
Local clock offset: -6.609 ms
Remote clock offset: -2.74 ms

# Below is generated by plot.py at 2018-06-05 22:42:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 3.888 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 3.888 ms
Loss rate: 0.01%
```

Run 6: Report of PCC-Allegro — Data Link

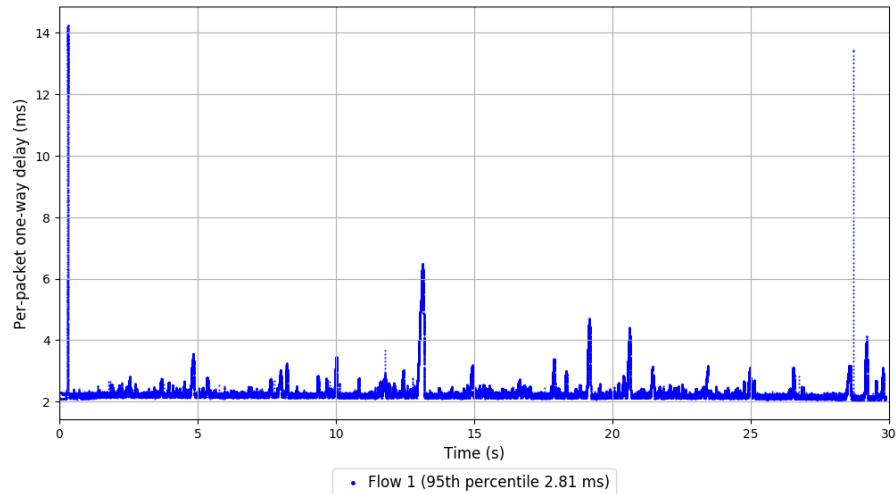
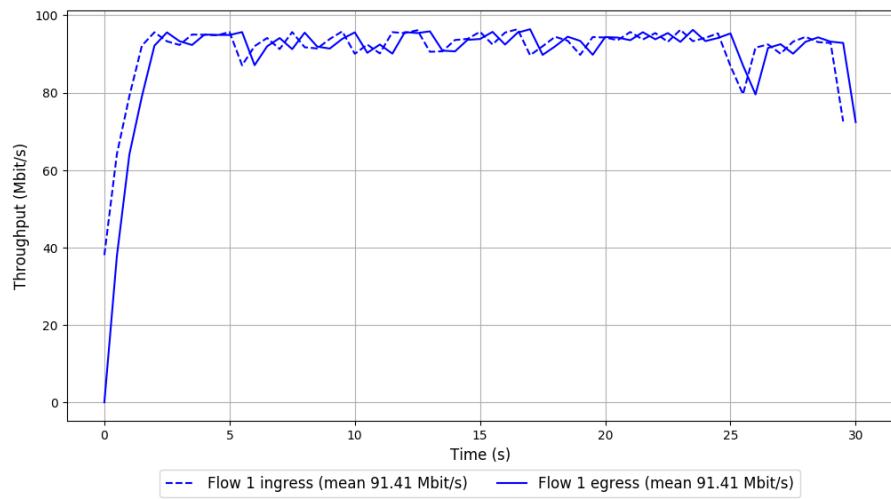


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:34:21
End at: 2018-06-05 21:34:51
Local clock offset: -7.287 ms
Remote clock offset: -0.516 ms

# Below is generated by plot.py at 2018-06-05 22:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 2.814 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 2.814 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Allegro — Data Link

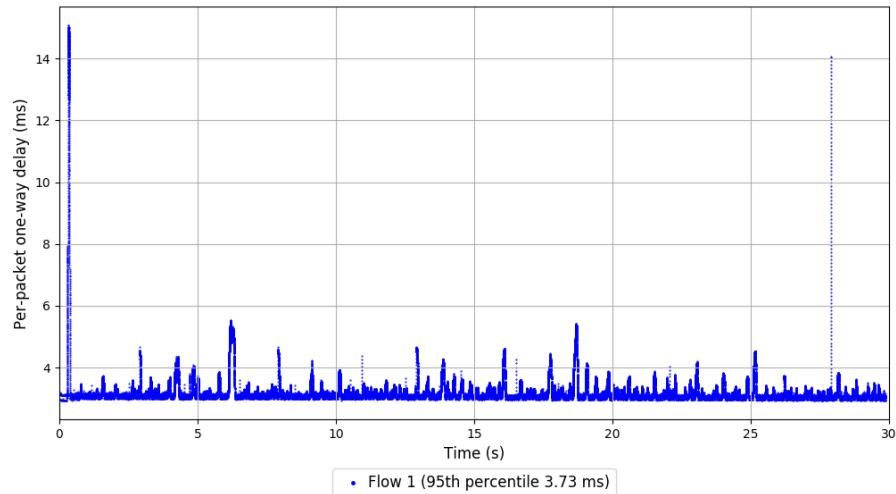
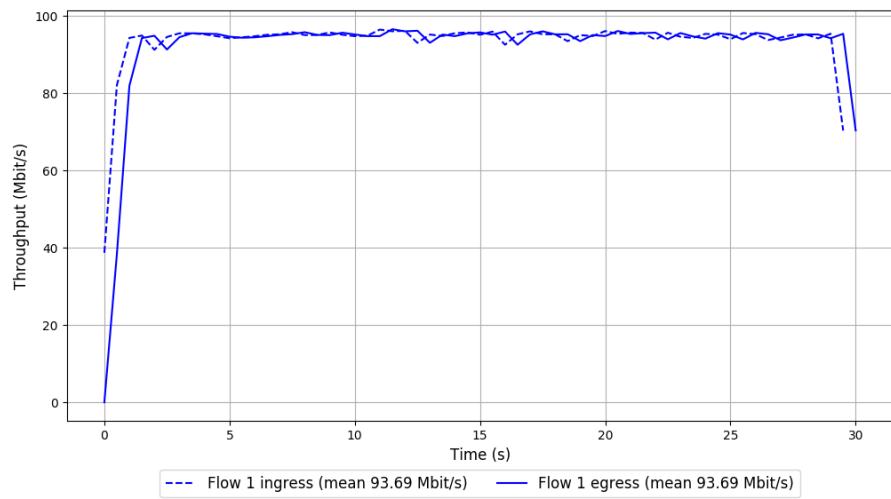


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:52:16
End at: 2018-06-05 21:52:46
Local clock offset: -5.278 ms
Remote clock offset: -6.121 ms

# Below is generated by plot.py at 2018-06-05 22:42:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.01%
```

Run 8: Report of PCC-Allegro — Data Link

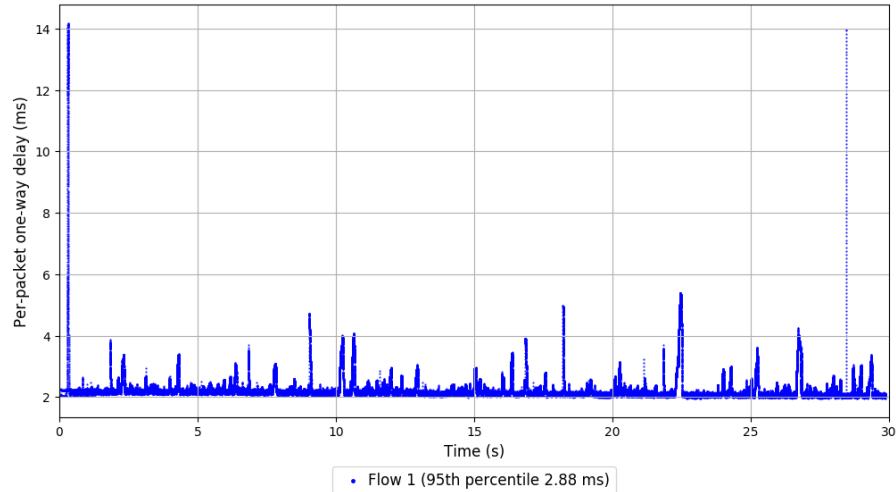
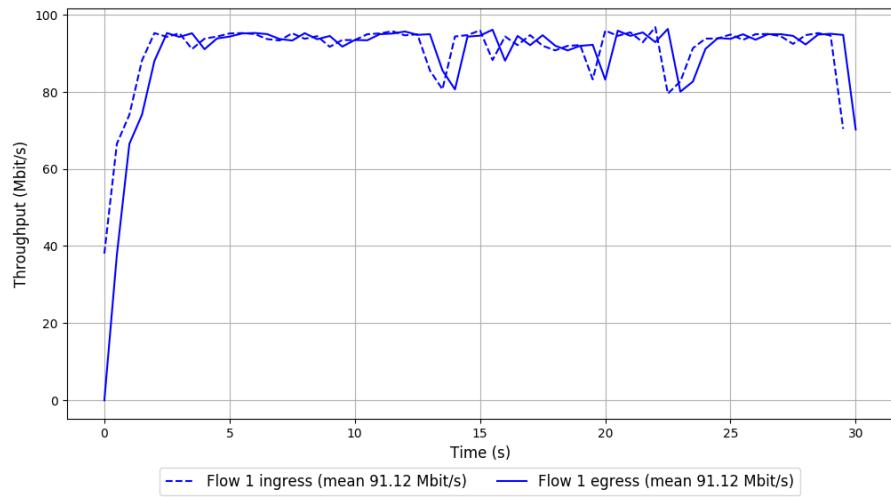


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-06-05 22:10:12
End at: 2018-06-05 22:10:42
Local clock offset: -3.39 ms
Remote clock offset: -7.152 ms

# Below is generated by plot.py at 2018-06-05 22:43:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.12 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.12 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.01%
```

Run 9: Report of PCC-Allegro — Data Link

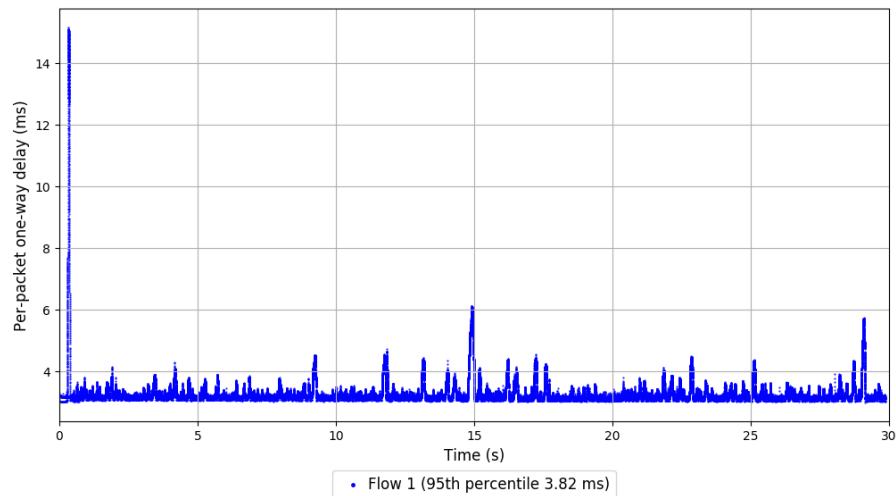
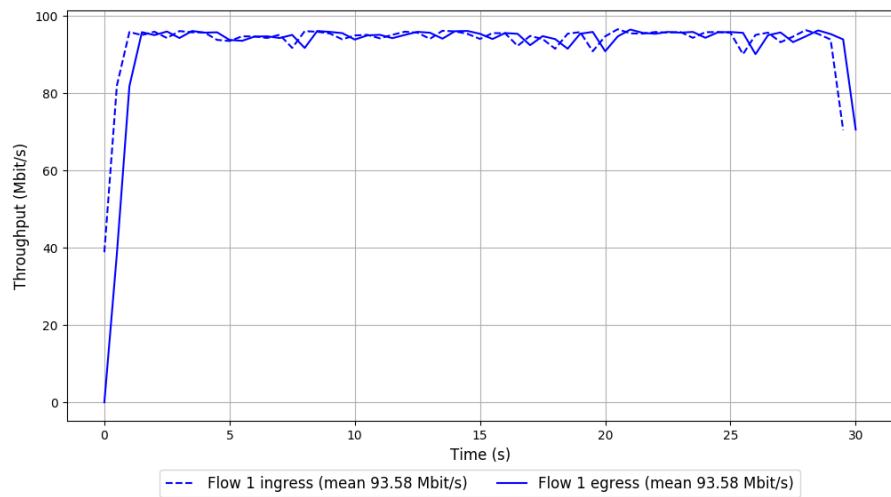


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-06-05 22:28:05
End at: 2018-06-05 22:28:35
Local clock offset: 0.414 ms
Remote clock offset: -7.065 ms

# Below is generated by plot.py at 2018-06-05 22:43:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 3.820 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 3.820 ms
Loss rate: 0.01%
```

Run 10: Report of PCC-Allegro — Data Link

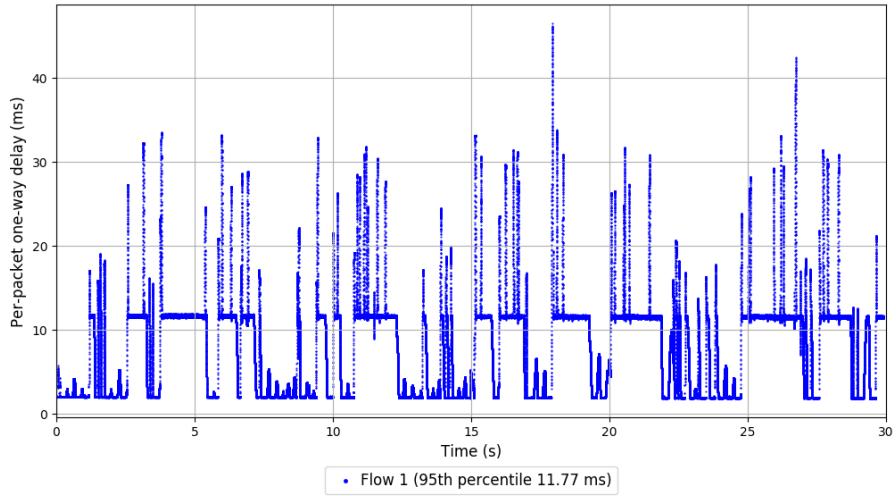
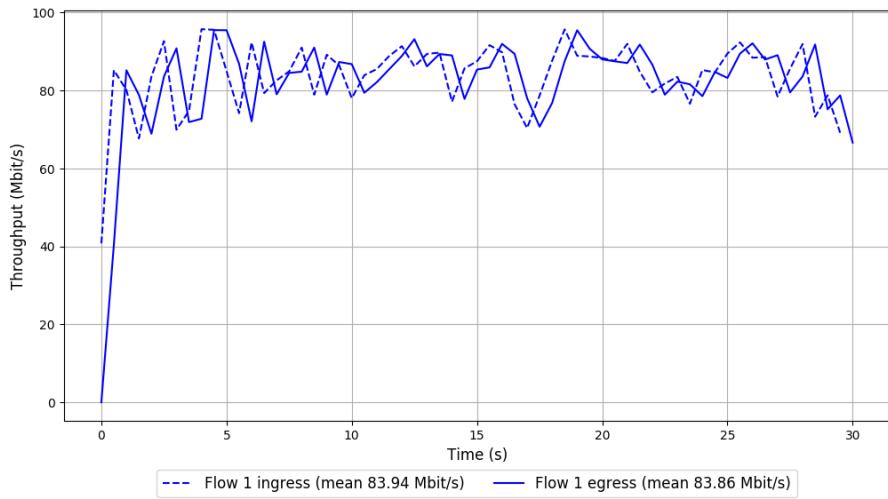


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-06-05 19:35:03
End at: 2018-06-05 19:35:33
Local clock offset: -4.187 ms
Remote clock offset: -2.628 ms

# Below is generated by plot.py at 2018-06-05 22:44:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 11.770 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 11.770 ms
Loss rate: 0.12%
```

Run 1: Report of PCC-Expr — Data Link

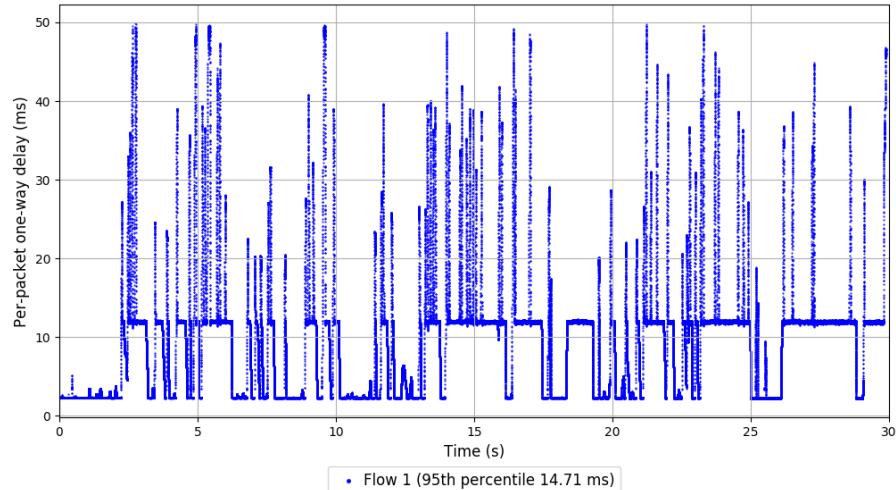
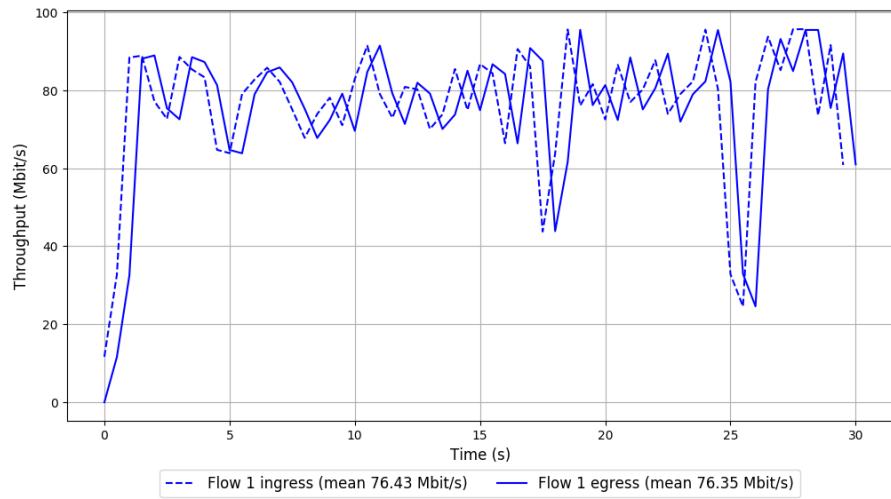


Run 2: Statistics of PCC-Expr

```
Start at: 2018-06-05 19:52:54
End at: 2018-06-05 19:53:24
Local clock offset: 0.285 ms
Remote clock offset: -1.434 ms

# Below is generated by plot.py at 2018-06-05 22:44:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 14.713 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 14.713 ms
Loss rate: 0.11%
```

Run 2: Report of PCC-Expr — Data Link

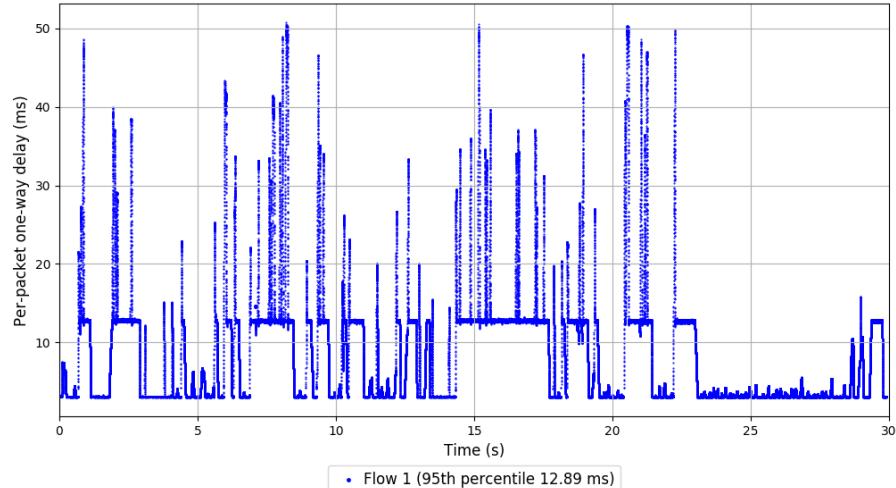
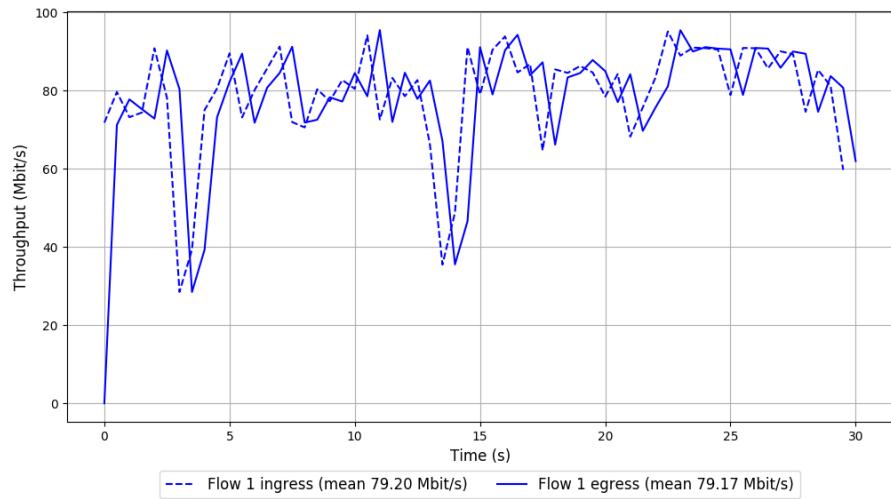


```
Run 3: Statistics of PCC-Expr
```

```
Start at: 2018-06-05 20:10:43
End at: 2018-06-05 20:11:13
Local clock offset: 2.689 ms
Remote clock offset: -1.373 ms

# Below is generated by plot.py at 2018-06-05 22:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.05%
```

Run 3: Report of PCC-Expr — Data Link

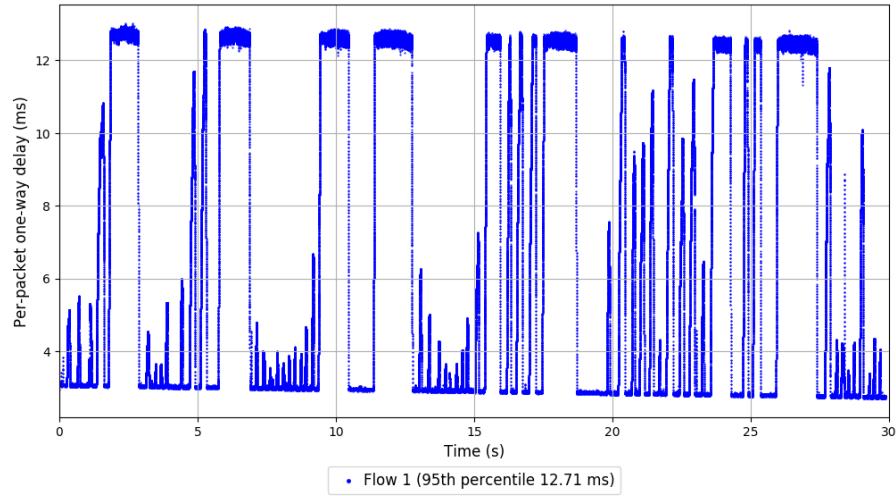
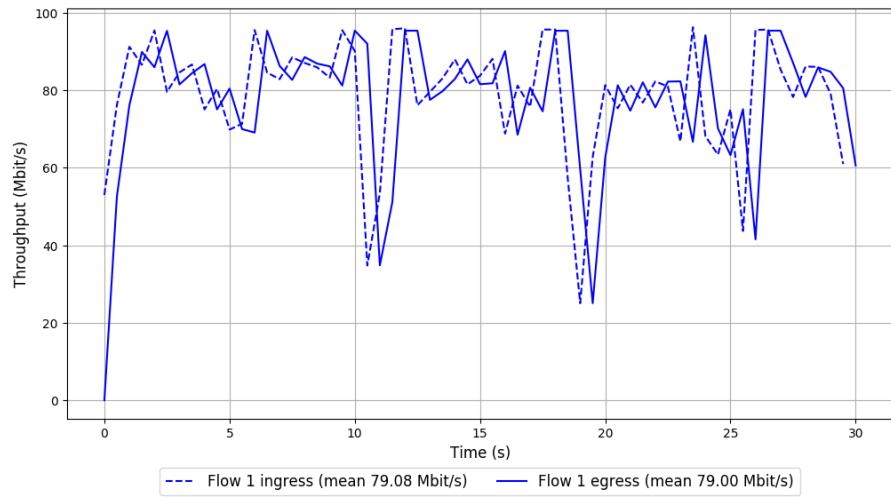


Run 4: Statistics of PCC-Expr

```
Start at: 2018-06-05 20:28:35
End at: 2018-06-05 20:29:05
Local clock offset: 4.005 ms
Remote clock offset: -2.461 ms

# Below is generated by plot.py at 2018-06-05 22:44:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 12.708 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 12.708 ms
Loss rate: 0.11%
```

Run 4: Report of PCC-Expr — Data Link

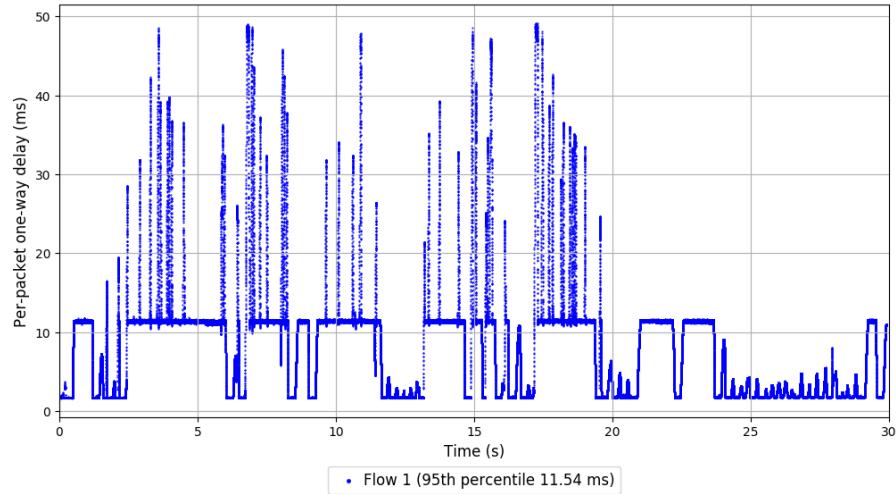
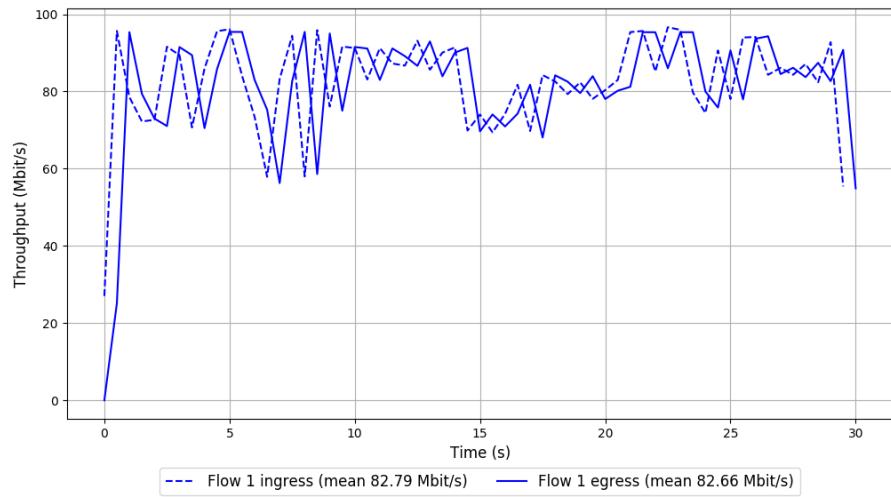


Run 5: Statistics of PCC-Expr

```
Start at: 2018-06-05 20:46:22
End at: 2018-06-05 20:46:52
Local clock offset: -4.66 ms
Remote clock offset: -7.604 ms

# Below is generated by plot.py at 2018-06-05 22:44:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.66 Mbit/s
95th percentile per-packet one-way delay: 11.543 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 82.66 Mbit/s
95th percentile per-packet one-way delay: 11.543 ms
Loss rate: 0.17%
```

Run 5: Report of PCC-Expr — Data Link

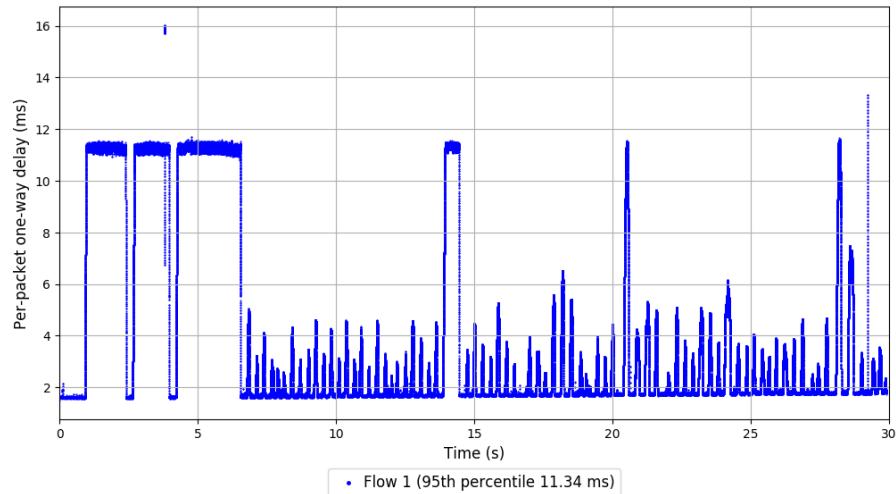
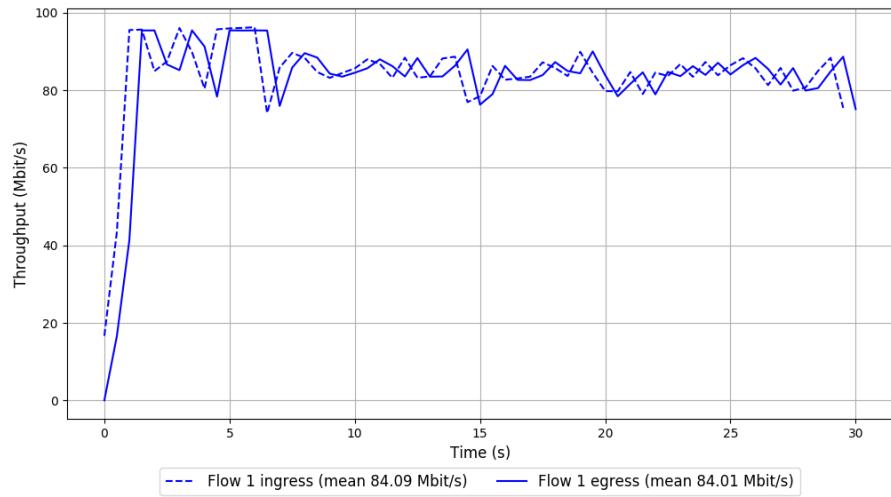


Run 6: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:04:12
End at: 2018-06-05 21:04:42
Local clock offset: -8.049 ms
Remote clock offset: -6.766 ms

# Below is generated by plot.py at 2018-06-05 22:44:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.01 Mbit/s
95th percentile per-packet one-way delay: 11.344 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 84.01 Mbit/s
95th percentile per-packet one-way delay: 11.344 ms
Loss rate: 0.10%
```

Run 6: Report of PCC-Expr — Data Link

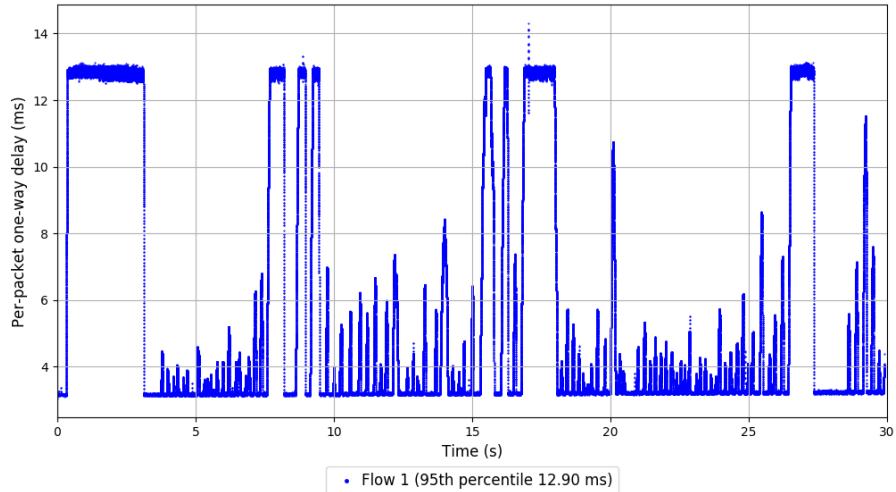
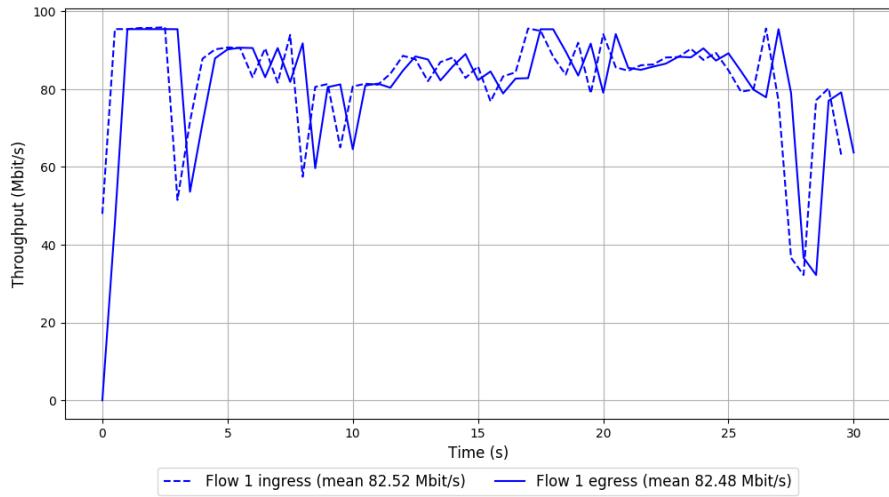


Run 7: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:22:08
End at: 2018-06-05 21:22:38
Local clock offset: -5.97 ms
Remote clock offset: -1.775 ms

# Below is generated by plot.py at 2018-06-05 22:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.48 Mbit/s
95th percentile per-packet one-way delay: 12.905 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 82.48 Mbit/s
95th percentile per-packet one-way delay: 12.905 ms
Loss rate: 0.06%
```

Run 7: Report of PCC-Expr — Data Link

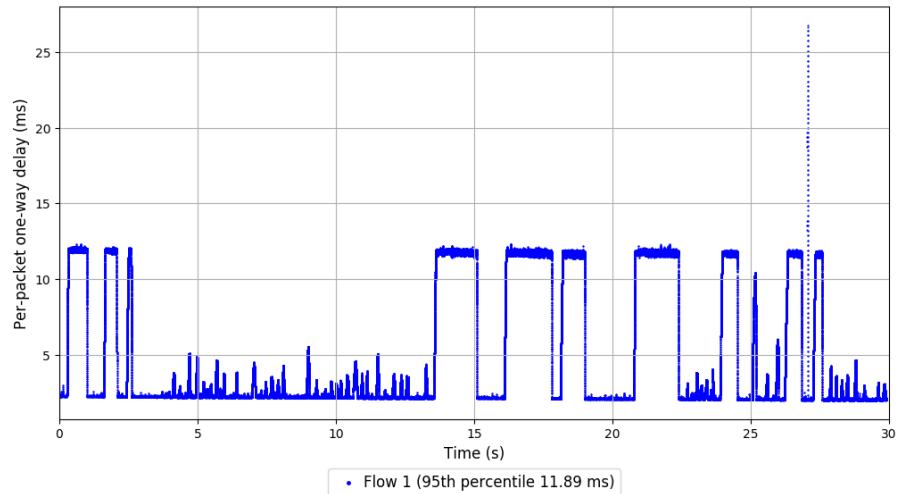
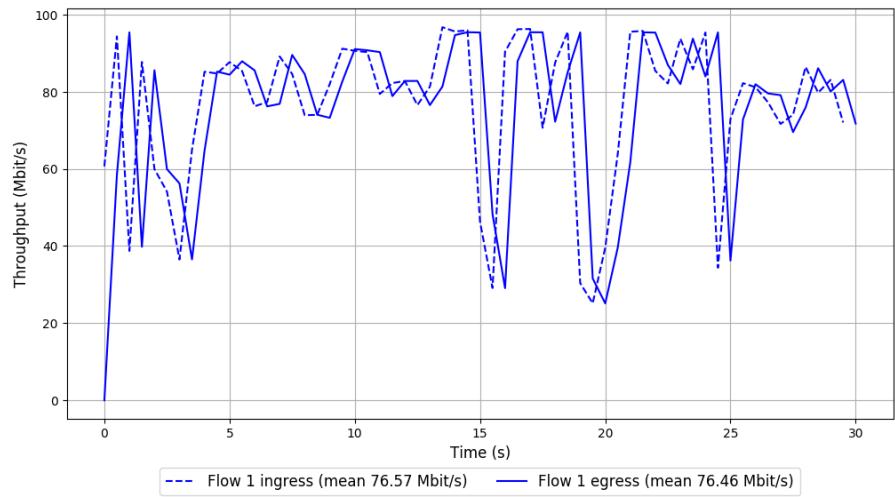


Run 8: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:40:00
End at: 2018-06-05 21:40:30
Local clock offset: -6.469 ms
Remote clock offset: -3.323 ms

# Below is generated by plot.py at 2018-06-05 22:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.16%
```

Run 8: Report of PCC-Expr — Data Link

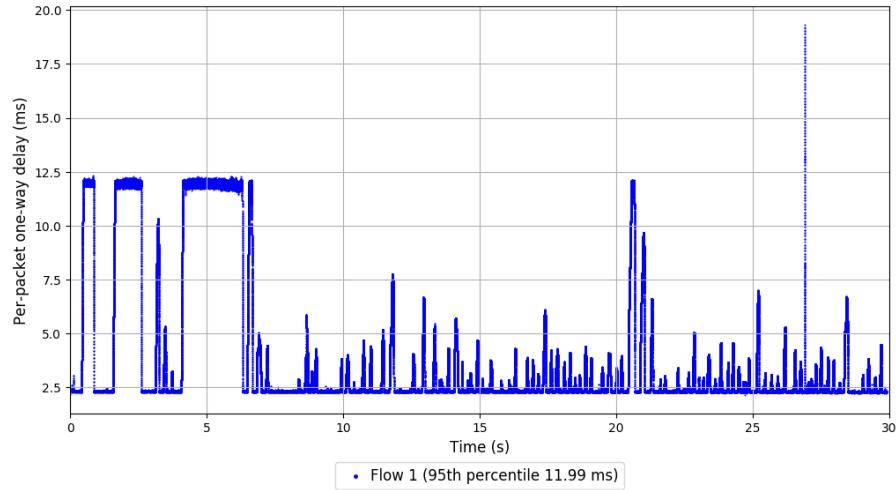
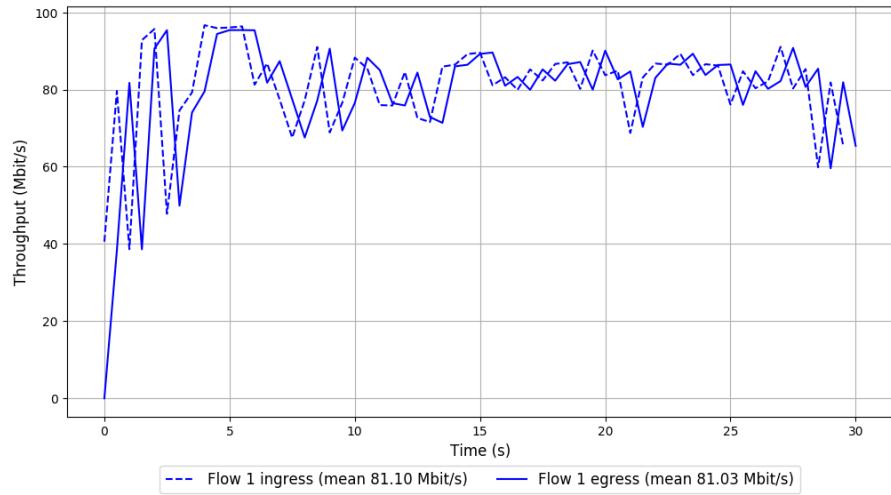


Run 9: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:57:56
End at: 2018-06-05 21:58:26
Local clock offset: -6.102 ms
Remote clock offset: -6.596 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 11.992 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 11.992 ms
Loss rate: 0.09%
```

Run 9: Report of PCC-Expr — Data Link

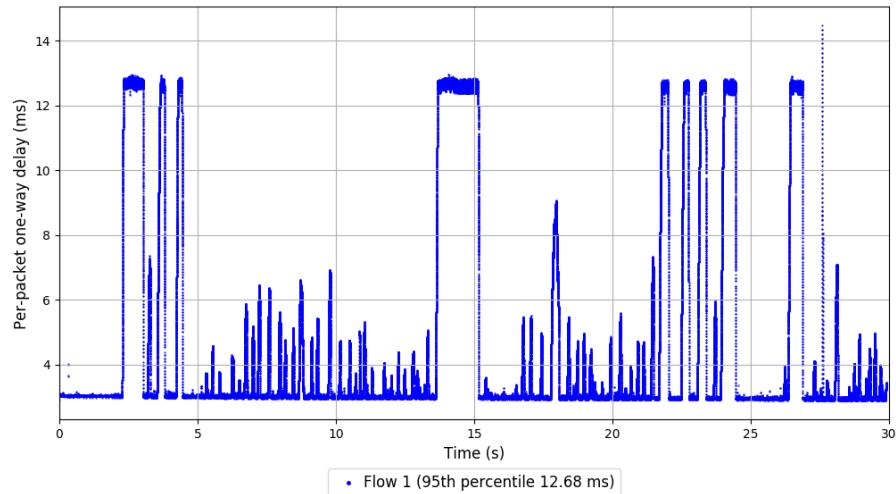
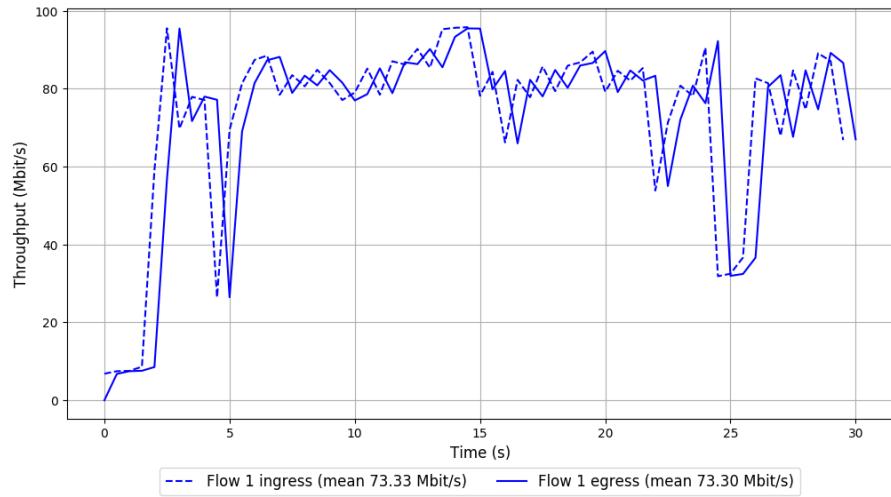


Run 10: Statistics of PCC-Expr

```
Start at: 2018-06-05 22:15:51
End at: 2018-06-05 22:16:21
Local clock offset: -1.143 ms
Remote clock offset: -7.002 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 12.677 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 12.677 ms
Loss rate: 0.05%
```

Run 10: Report of PCC-Expr — Data Link

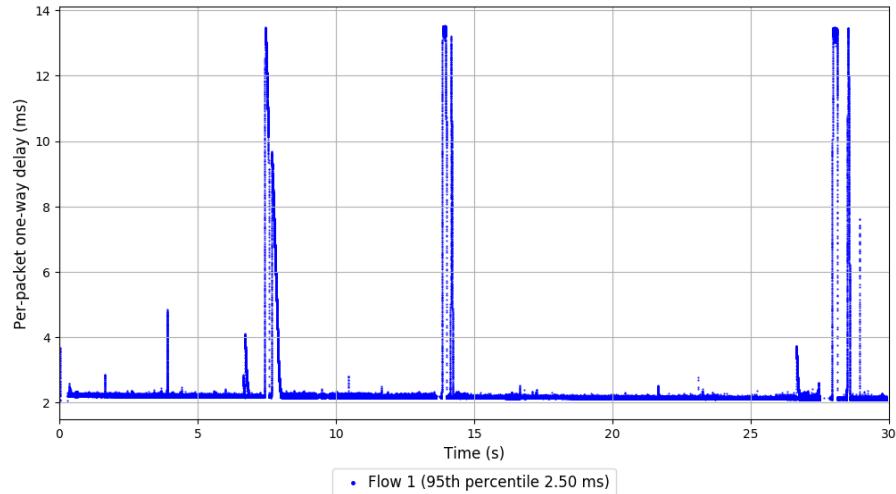
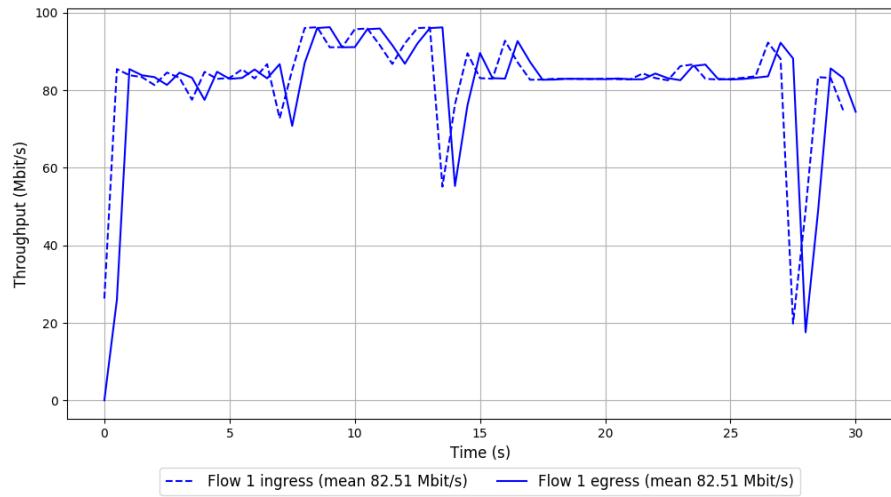


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-06-05 19:40:34
End at: 2018-06-05 19:41:04
Local clock offset: -2.031 ms
Remote clock offset: -2.062 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 2.503 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 2.503 ms
Loss rate: 0.02%
```

Run 1: Report of QUIC Cubic — Data Link

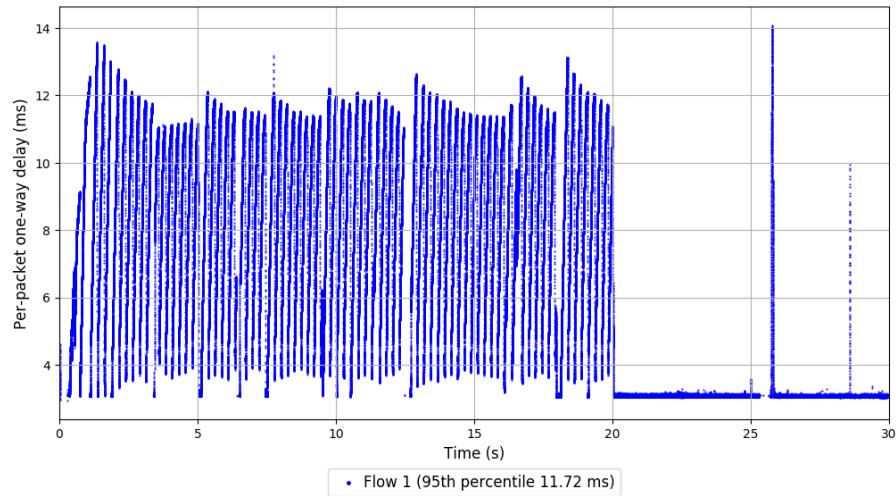
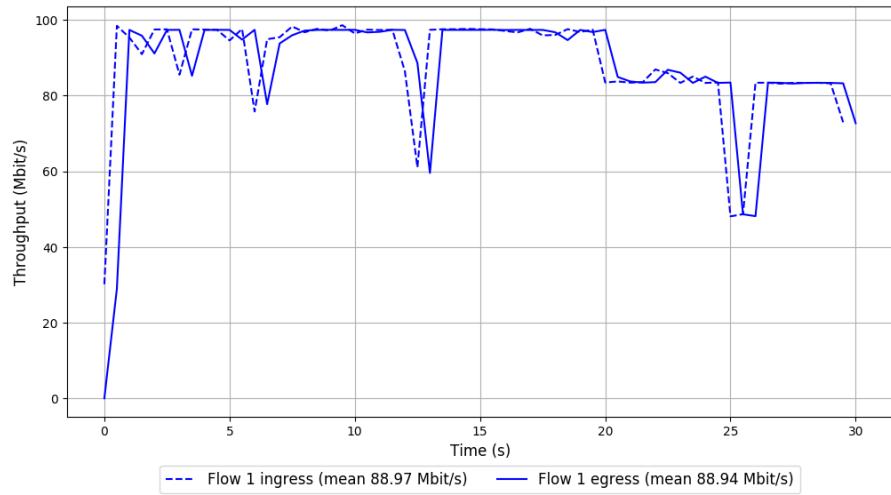


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-06-05 19:58:25
End at: 2018-06-05 19:58:55
Local clock offset: 1.64 ms
Remote clock offset: -1.489 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.94 Mbit/s
95th percentile per-packet one-way delay: 11.717 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.94 Mbit/s
95th percentile per-packet one-way delay: 11.717 ms
Loss rate: 0.05%
```

Run 2: Report of QUIC Cubic — Data Link

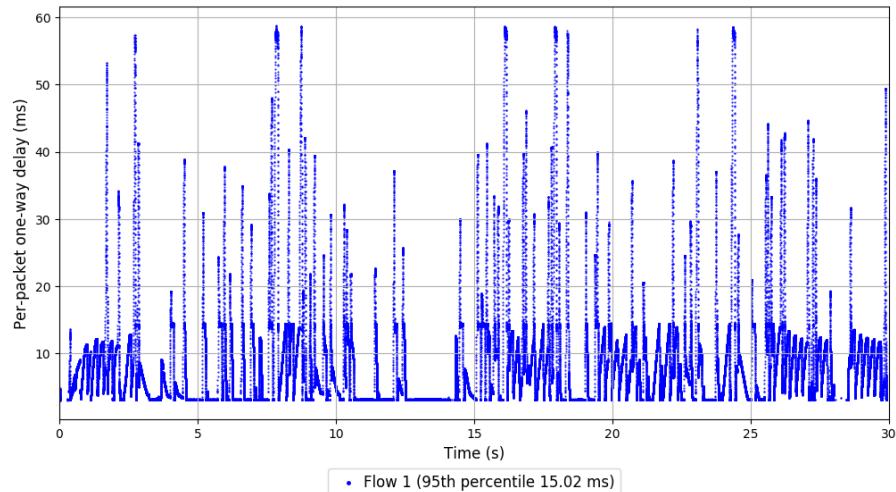
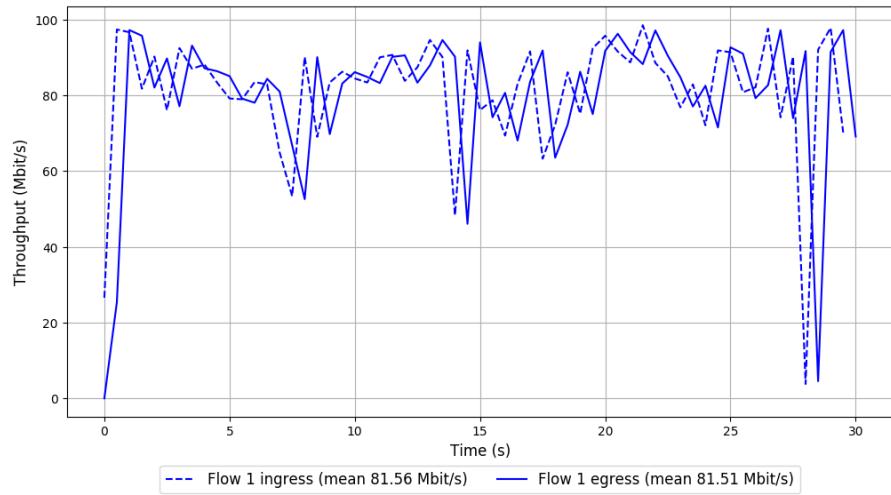


```
Run 3: Statistics of QUIC Cubic
```

```
Start at: 2018-06-05 20:16:15
End at: 2018-06-05 20:16:45
Local clock offset: 3.083 ms
Remote clock offset: -1.364 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 15.023 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 15.023 ms
Loss rate: 0.07%
```

Run 3: Report of QUIC Cubic — Data Link

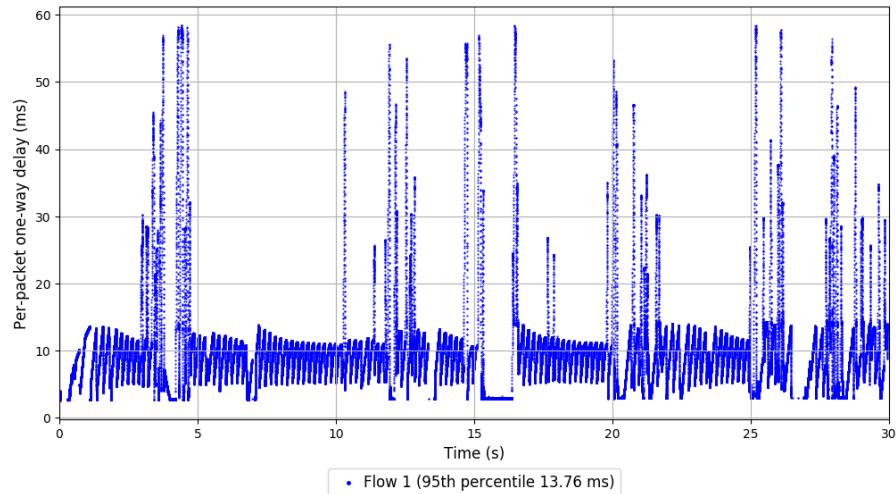
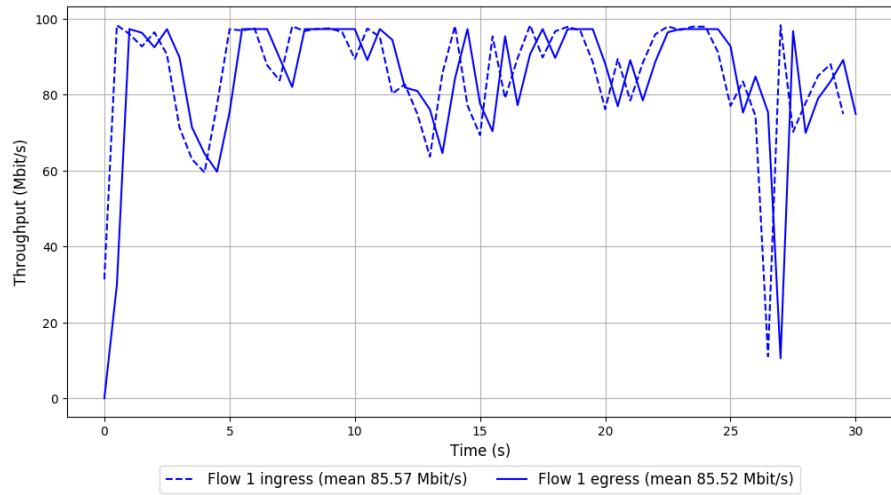


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-06-05 20:34:03
End at: 2018-06-05 20:34:33
Local clock offset: 3.608 ms
Remote clock offset: -4.97 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 13.762 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 13.762 ms
Loss rate: 0.07%
```

Run 4: Report of QUIC Cubic — Data Link

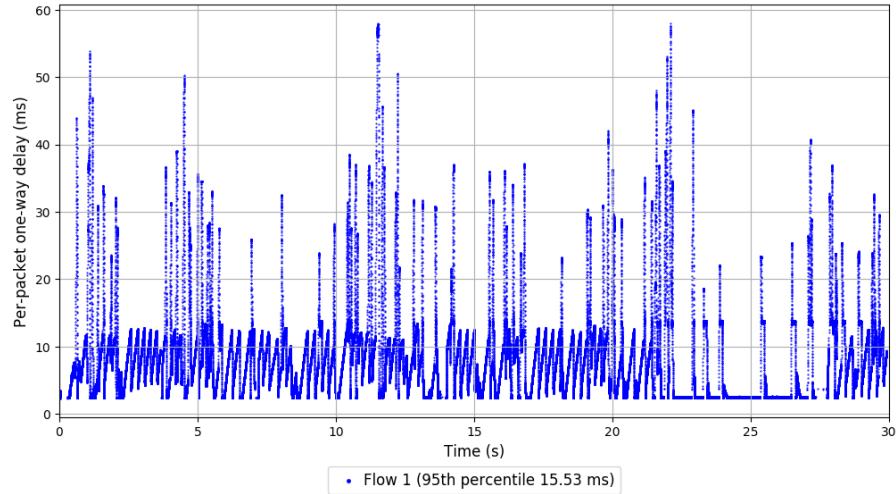
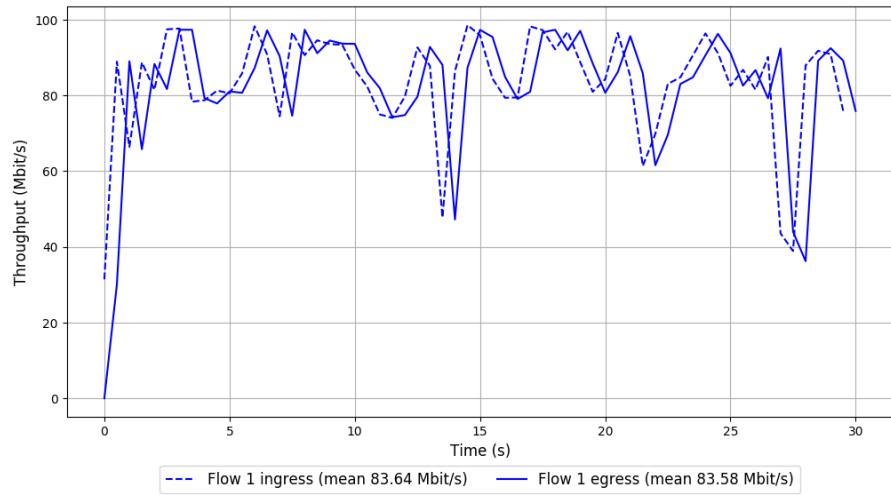


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-06-05 20:51:51
End at: 2018-06-05 20:52:21
Local clock offset: -5.368 ms
Remote clock offset: -8.237 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 15.525 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 15.525 ms
Loss rate: 0.08%
```

Run 5: Report of QUIC Cubic — Data Link

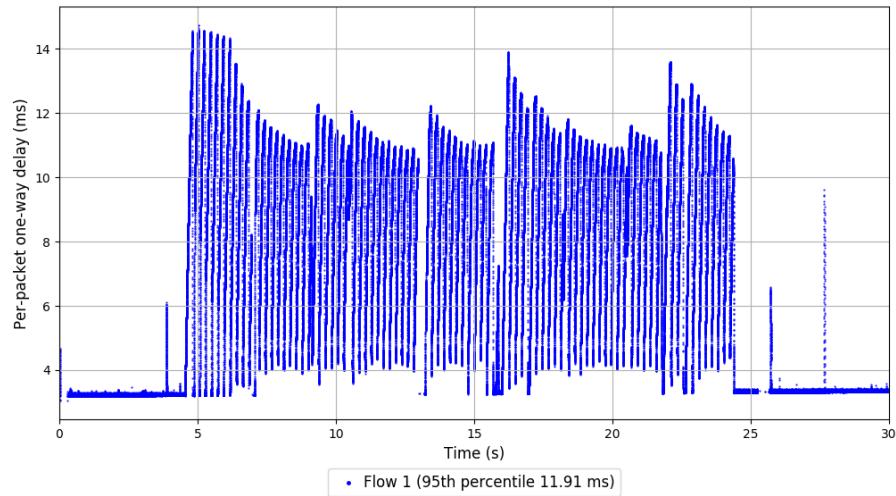
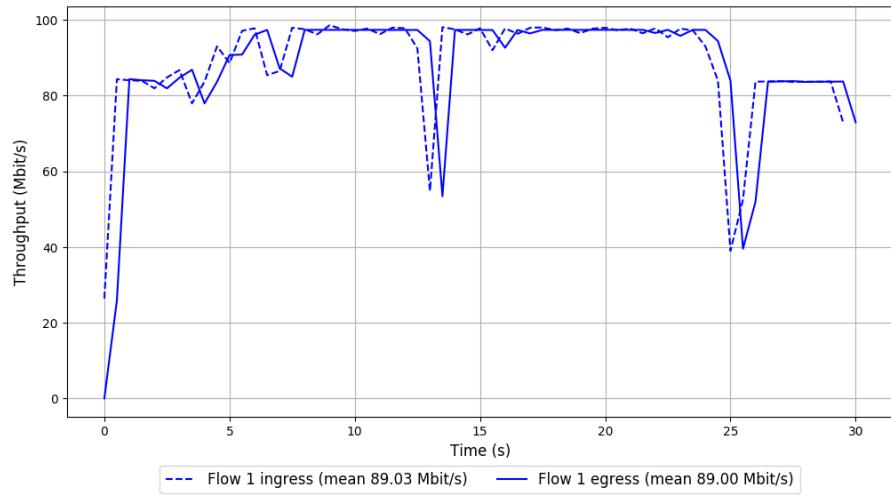


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:09:47
End at: 2018-06-05 21:10:17
Local clock offset: -5.932 ms
Remote clock offset: -4.351 ms

# Below is generated by plot.py at 2018-06-05 22:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 11.913 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 11.913 ms
Loss rate: 0.04%
```

Run 6: Report of QUIC Cubic — Data Link

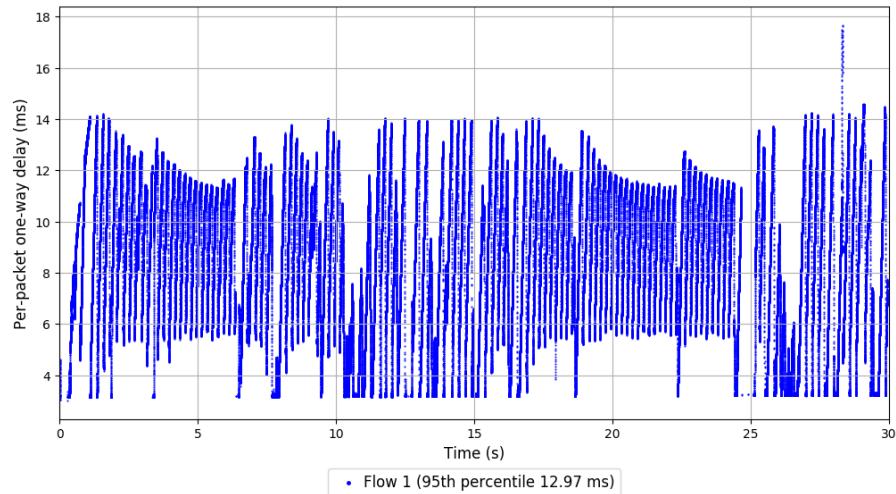
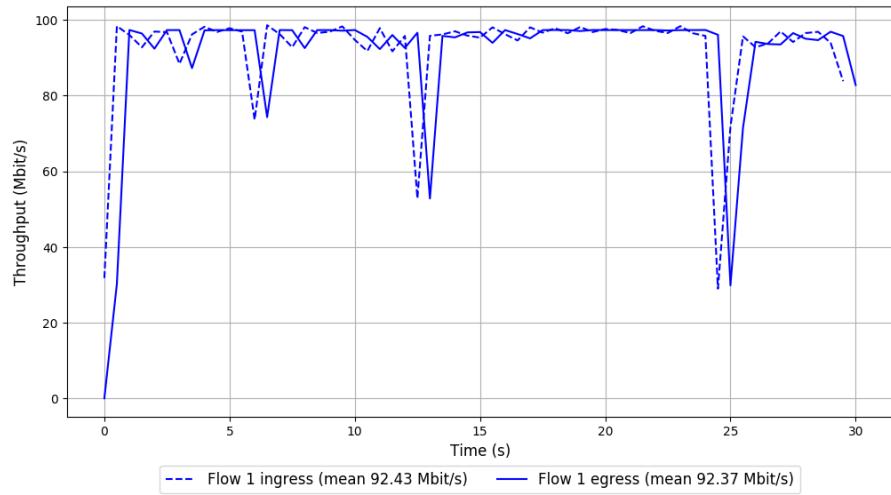


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:27:39
End at: 2018-06-05 21:28:09
Local clock offset: -6.202 ms
Remote clock offset: -1.132 ms

# Below is generated by plot.py at 2018-06-05 22:46:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 12.974 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 12.974 ms
Loss rate: 0.07%
```

Run 7: Report of QUIC Cubic — Data Link

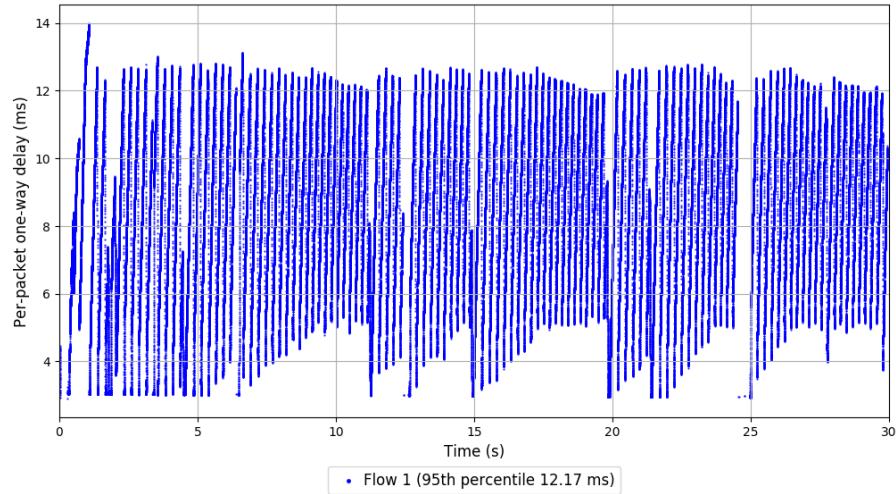
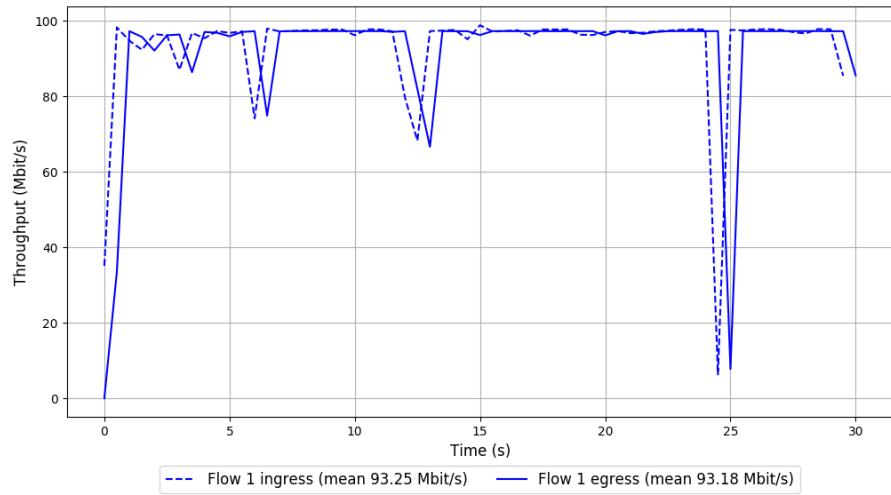


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:45:34
End at: 2018-06-05 21:46:04
Local clock offset: -5.367 ms
Remote clock offset: -5.024 ms

# Below is generated by plot.py at 2018-06-05 22:47:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 12.170 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 12.170 ms
Loss rate: 0.08%
```

Run 8: Report of QUIC Cubic — Data Link

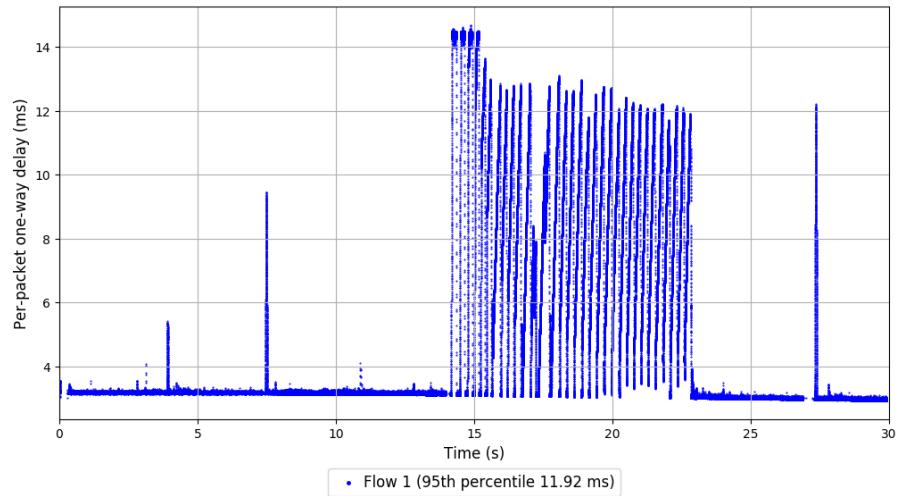
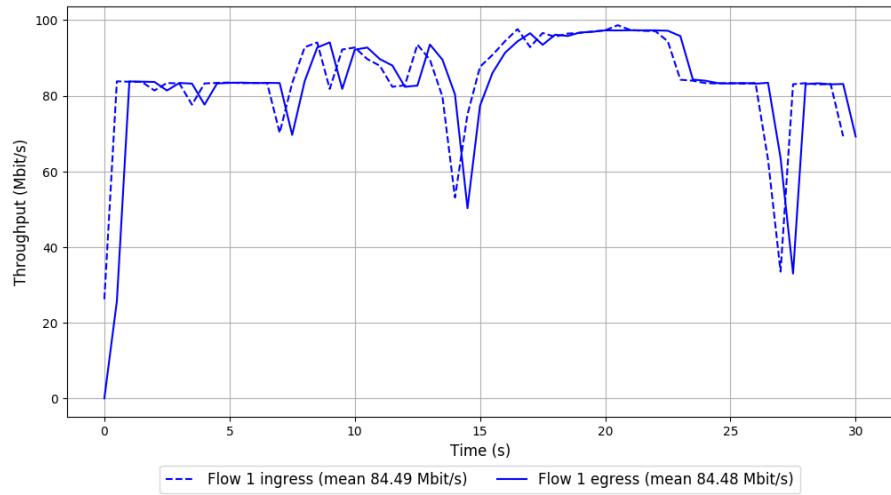


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-06-05 22:03:30
End at: 2018-06-05 22:04:00
Local clock offset: -5.439 ms
Remote clock offset: -6.983 ms

# Below is generated by plot.py at 2018-06-05 22:47:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.48 Mbit/s
95th percentile per-packet one-way delay: 11.921 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.48 Mbit/s
95th percentile per-packet one-way delay: 11.921 ms
Loss rate: 0.02%
```

Run 9: Report of QUIC Cubic — Data Link

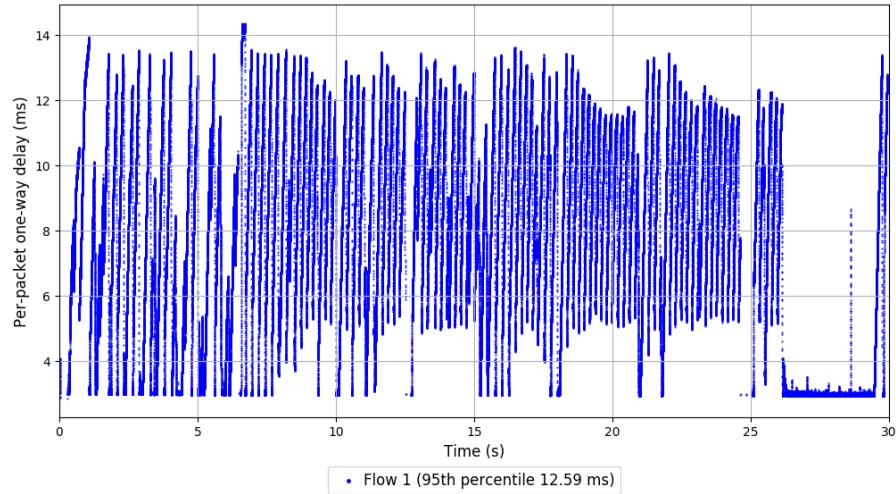
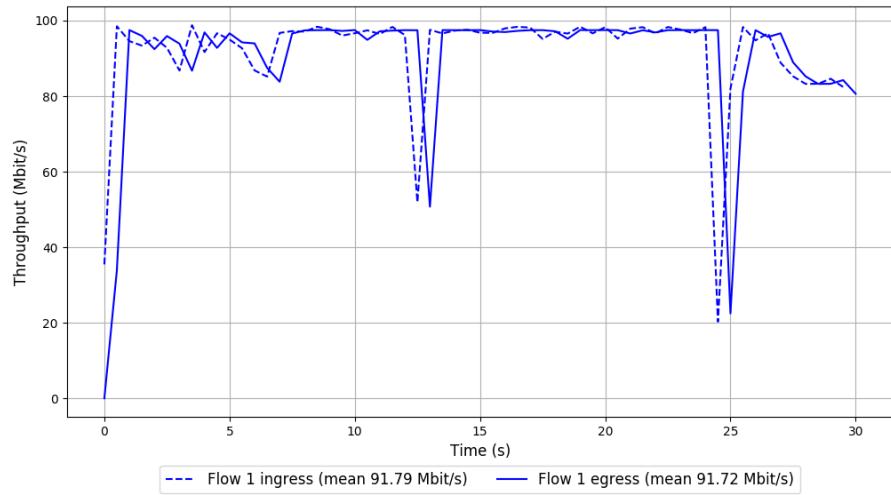


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-06-05 22:21:23
End at: 2018-06-05 22:21:53
Local clock offset: -0.323 ms
Remote clock offset: -6.968 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 12.593 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 12.593 ms
Loss rate: 0.09%
```

Run 10: Report of QUIC Cubic — Data Link

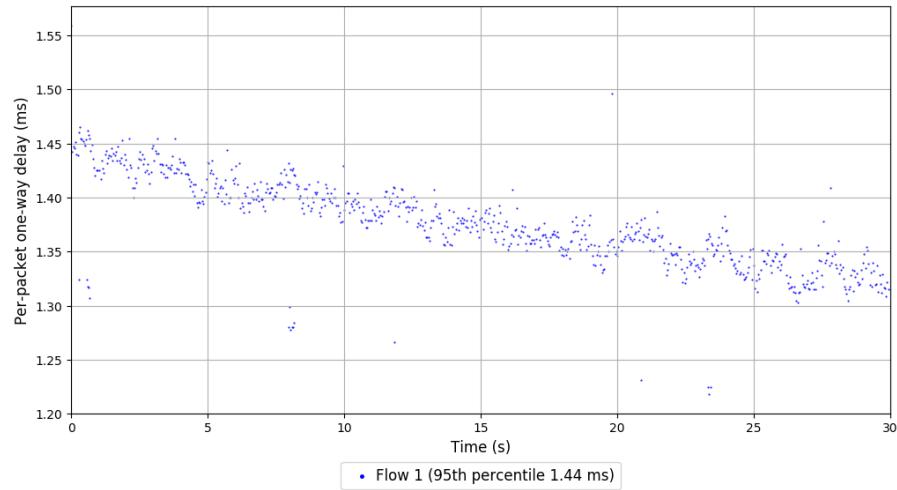
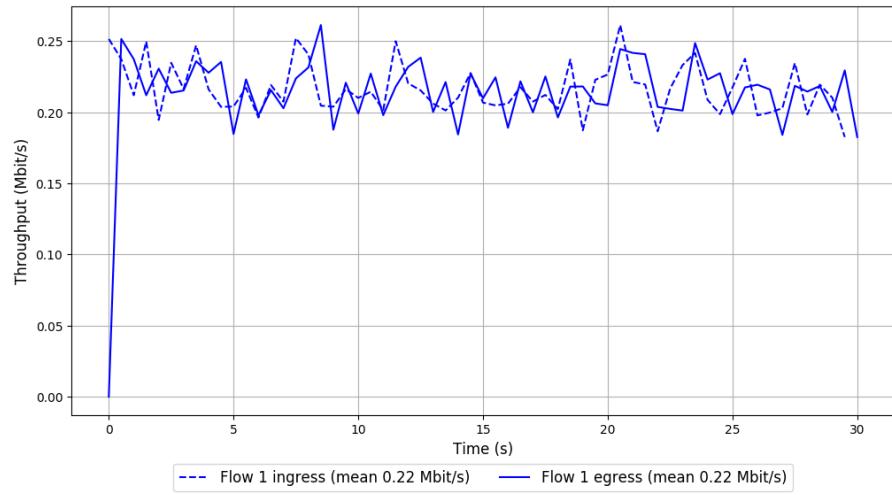


Run 1: Statistics of SCReAM

```
Start at: 2018-06-05 19:38:25
End at: 2018-06-05 19:38:55
Local clock offset: -3.499 ms
Remote clock offset: -2.307 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

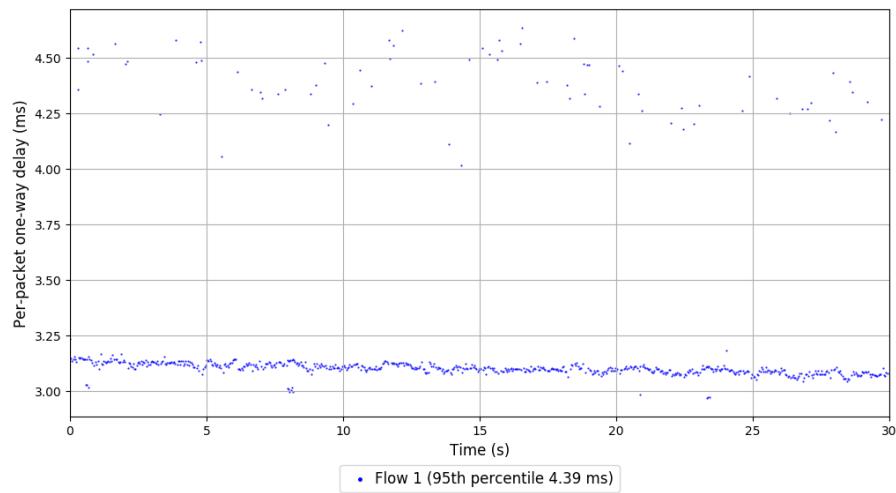
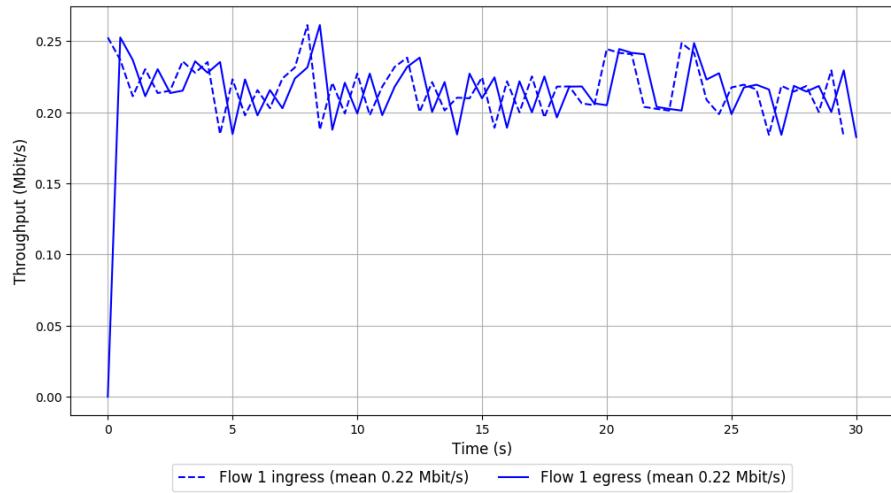


Run 2: Statistics of SCReAM

```
Start at: 2018-06-05 19:56:16
End at: 2018-06-05 19:56:46
Local clock offset: 1.42 ms
Remote clock offset: -1.543 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.388 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

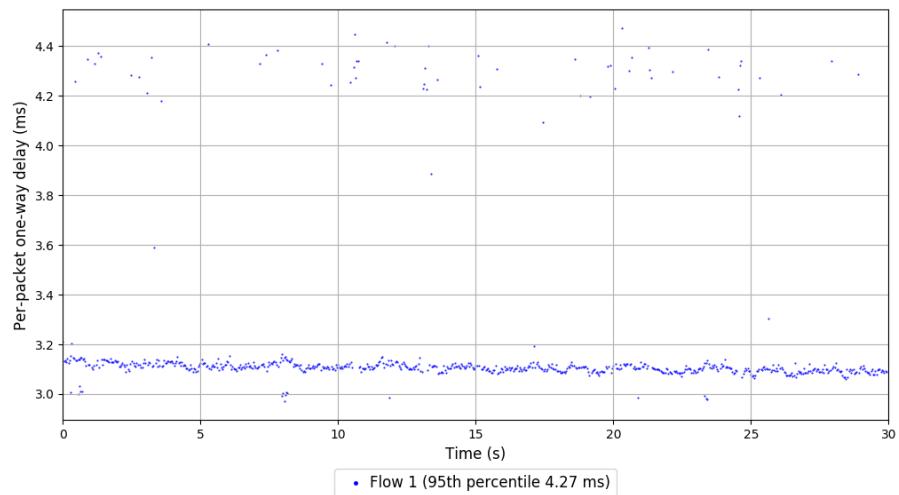
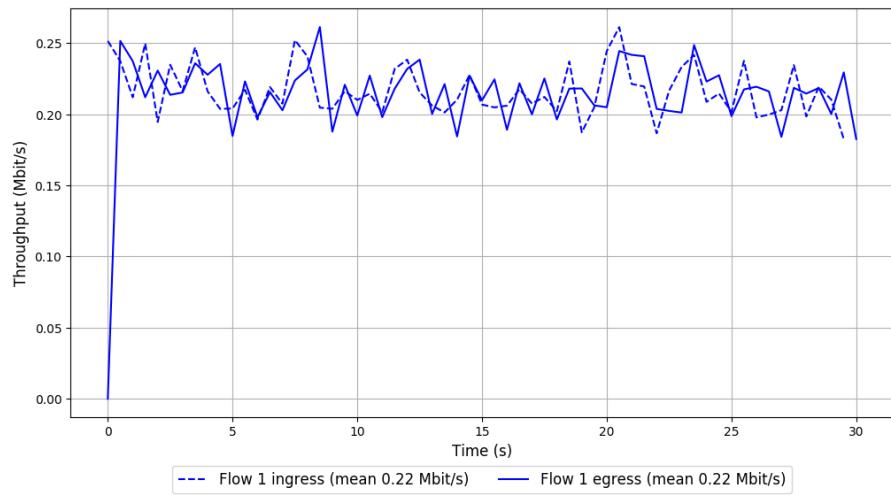


Run 3: Statistics of SCReAM

```
Start at: 2018-06-05 20:14:06
End at: 2018-06-05 20:14:36
Local clock offset: 2.938 ms
Remote clock offset: -1.36 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.273 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

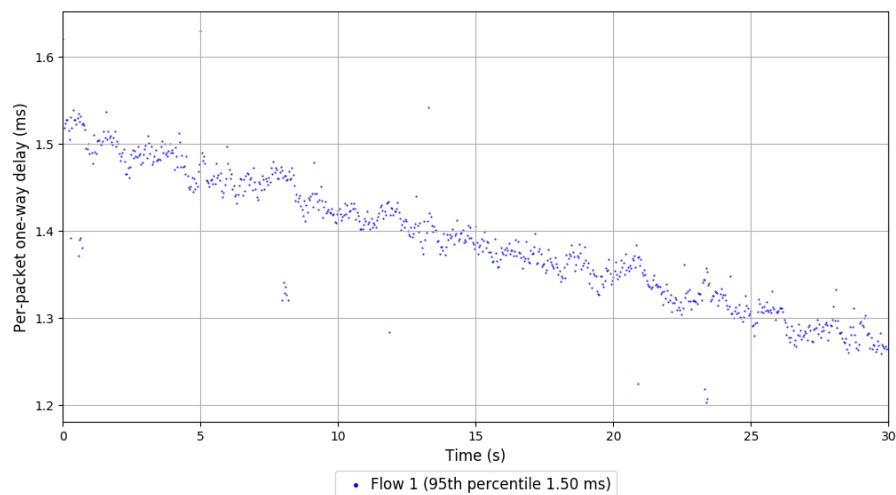
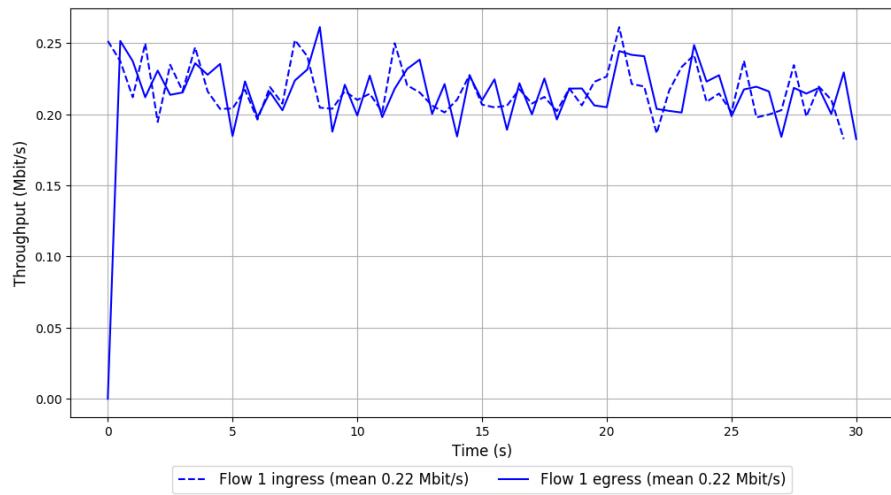


Run 4: Statistics of SCReAM

```
Start at: 2018-06-05 20:31:54
End at: 2018-06-05 20:32:24
Local clock offset: 2.68 ms
Remote clock offset: -4.137 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

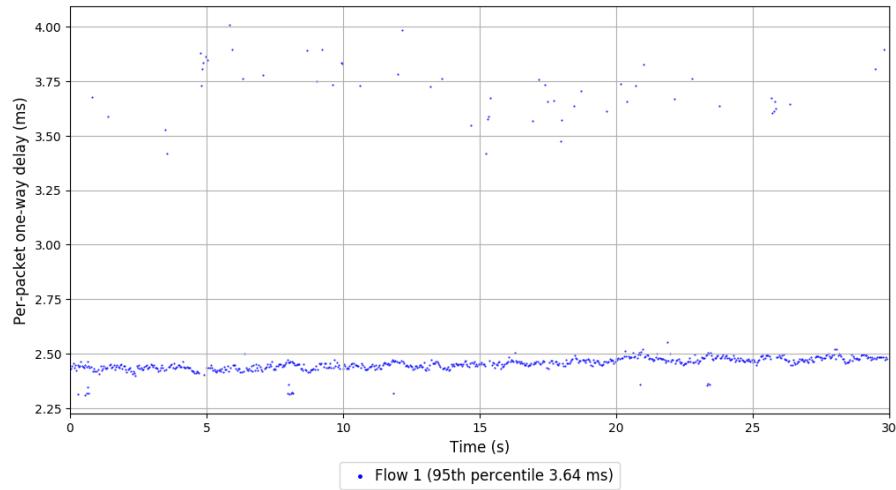
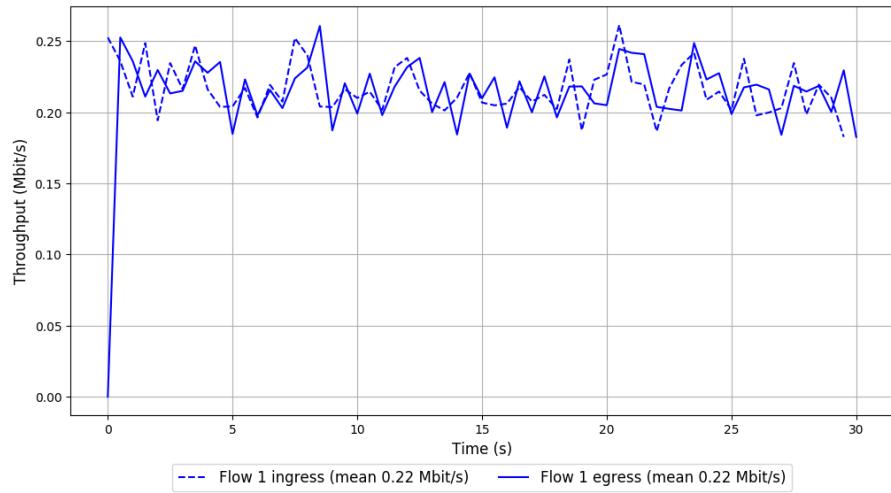


Run 5: Statistics of SCReAM

```
Start at: 2018-06-05 20:49:42
End at: 2018-06-05 20:50:12
Local clock offset: -4.885 ms
Remote clock offset: -8.043 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.644 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.644 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

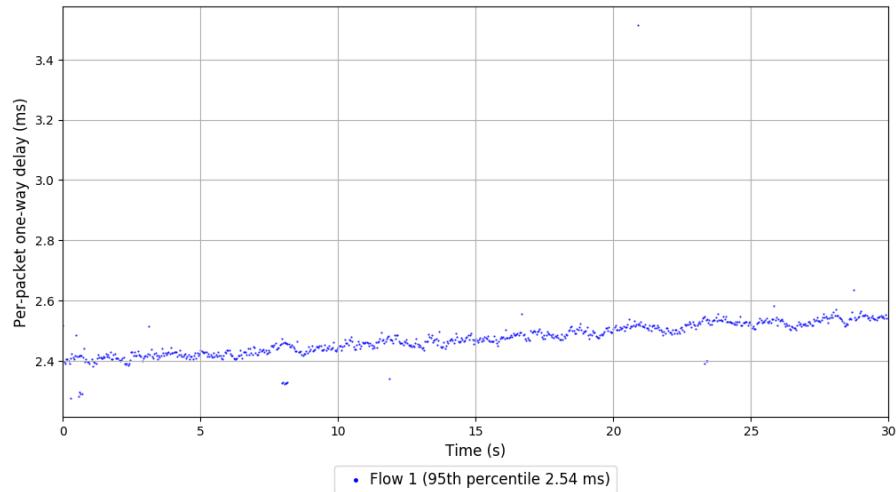
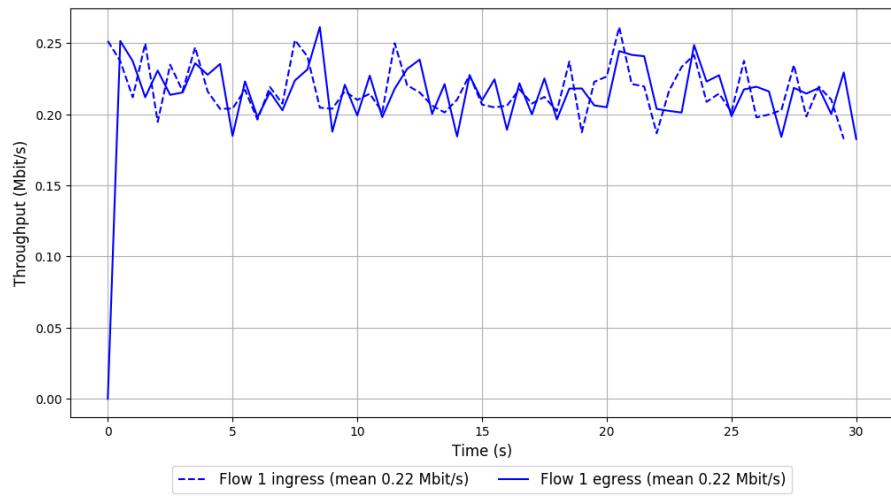


Run 6: Statistics of SCReAM

```
Start at: 2018-06-05 21:07:38
End at: 2018-06-05 21:08:08
Local clock offset: -6.836 ms
Remote clock offset: -5.123 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.545 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

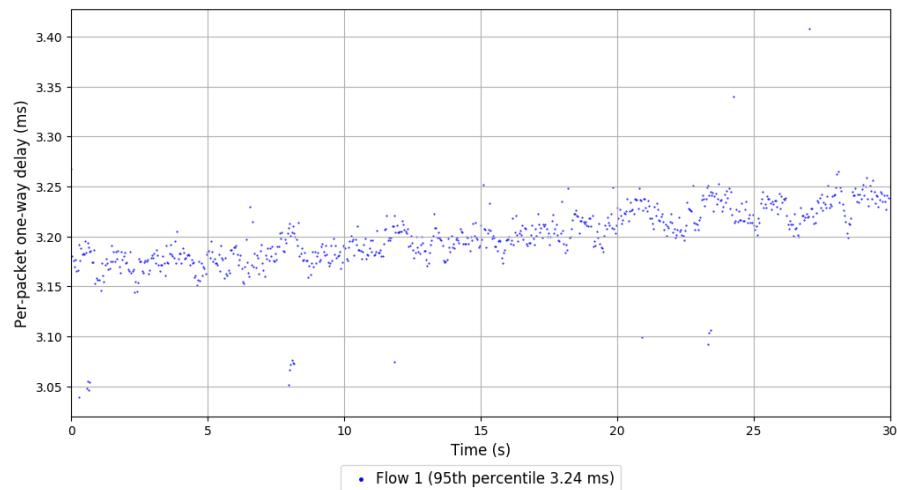
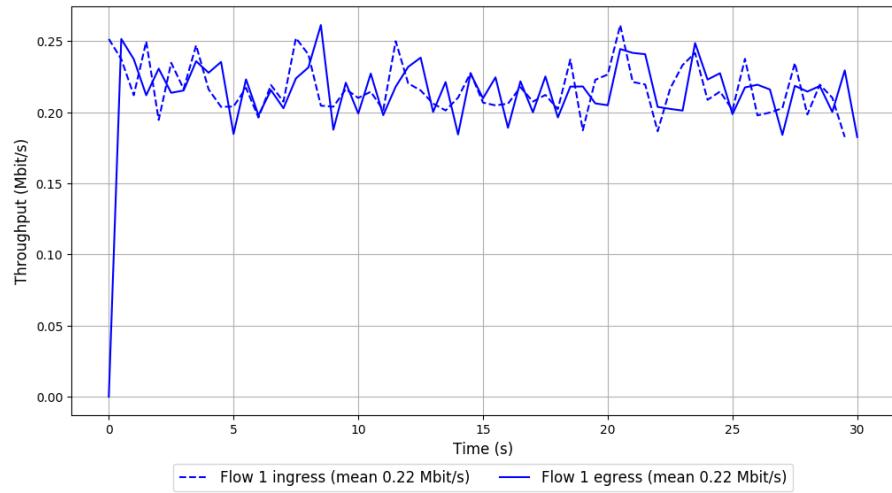


Run 7: Statistics of SCReAM

```
Start at: 2018-06-05 21:25:30
End at: 2018-06-05 21:26:00
Local clock offset: -6.102 ms
Remote clock offset: -1.383 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.242 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

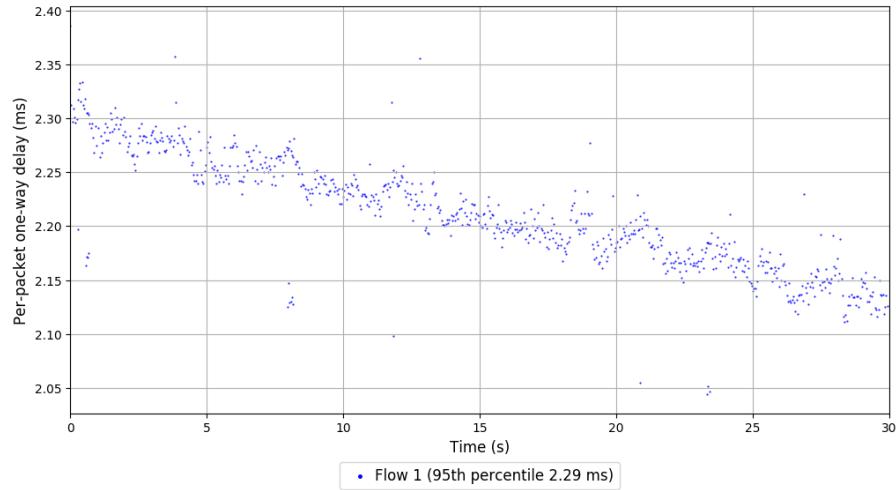
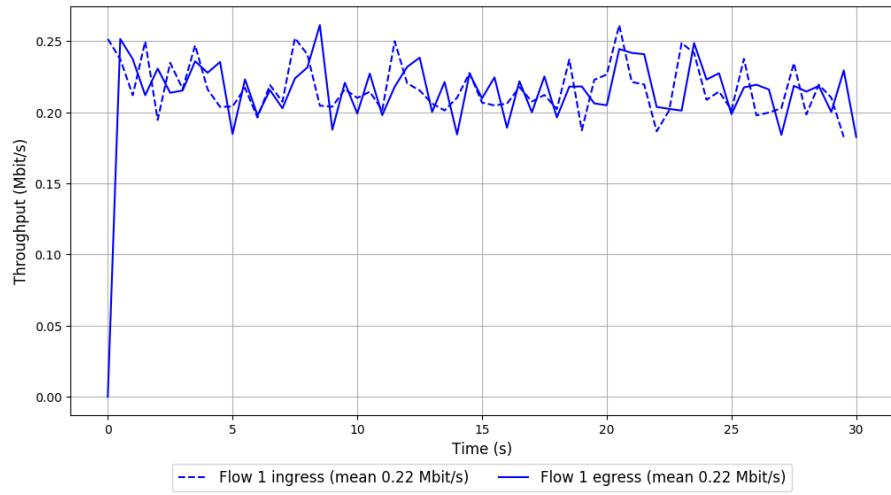


Run 8: Statistics of SCReAM

```
Start at: 2018-06-05 21:43:25
End at: 2018-06-05 21:43:55
Local clock offset: -6.286 ms
Remote clock offset: -4.566 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

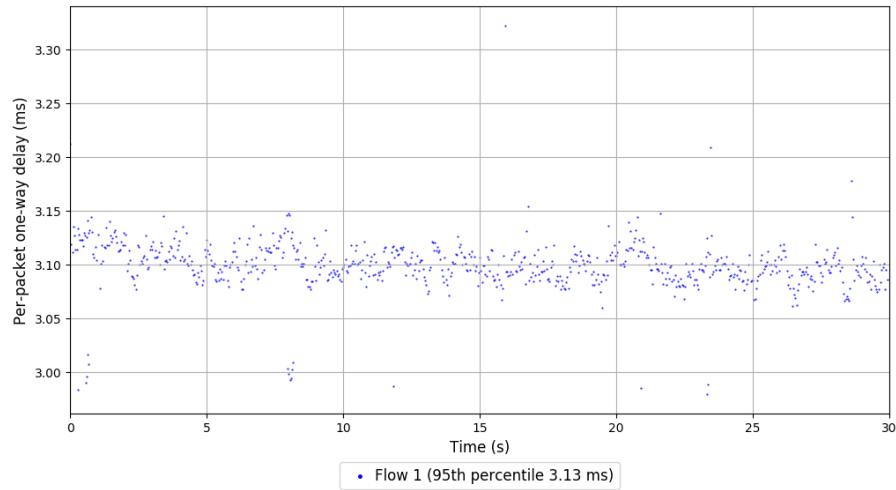
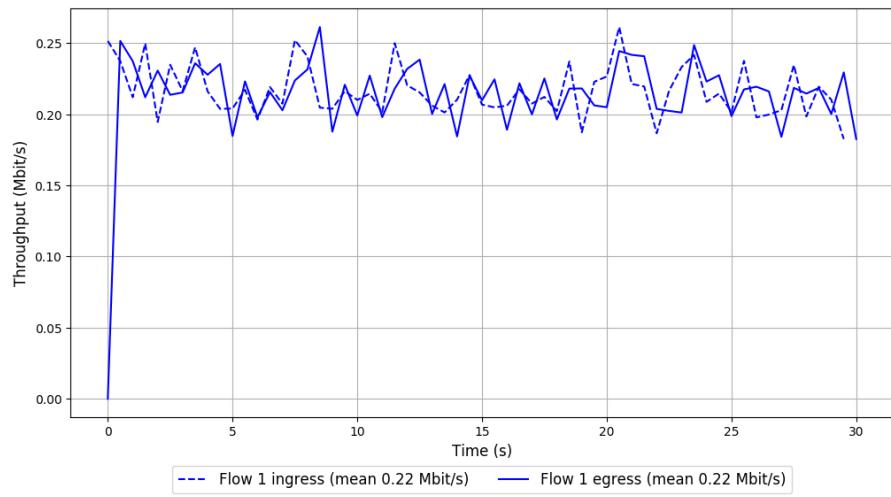


Run 9: Statistics of SCReAM

```
Start at: 2018-06-05 22:01:21
End at: 2018-06-05 22:01:51
Local clock offset: -5.382 ms
Remote clock offset: -6.818 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.129 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

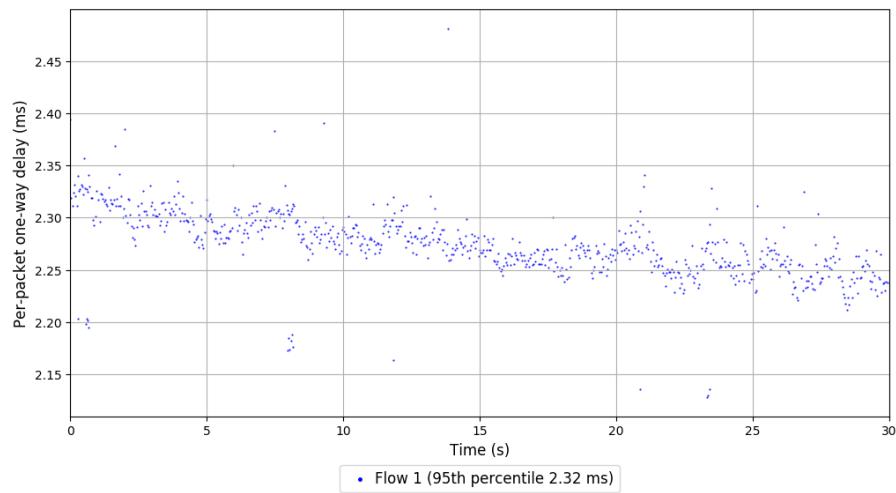
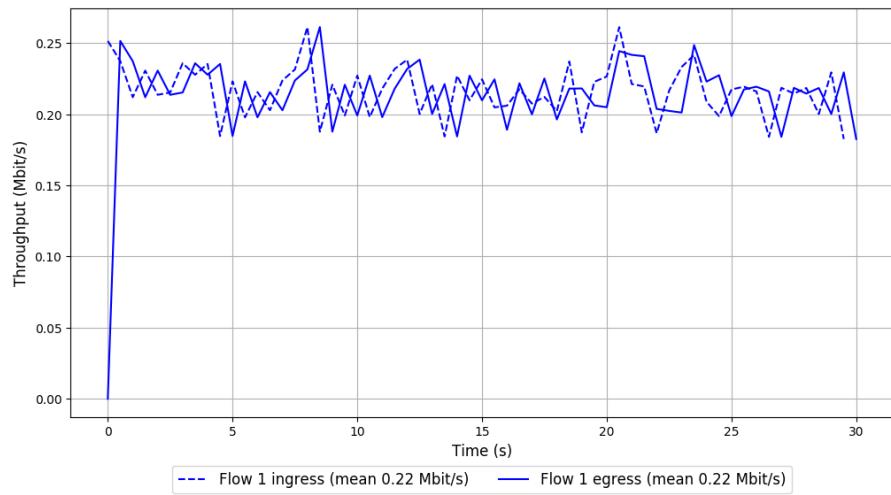


Run 10: Statistics of SCReAM

```
Start at: 2018-06-05 22:19:13
End at: 2018-06-05 22:19:43
Local clock offset: -1.331 ms
Remote clock offset: -7.02 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

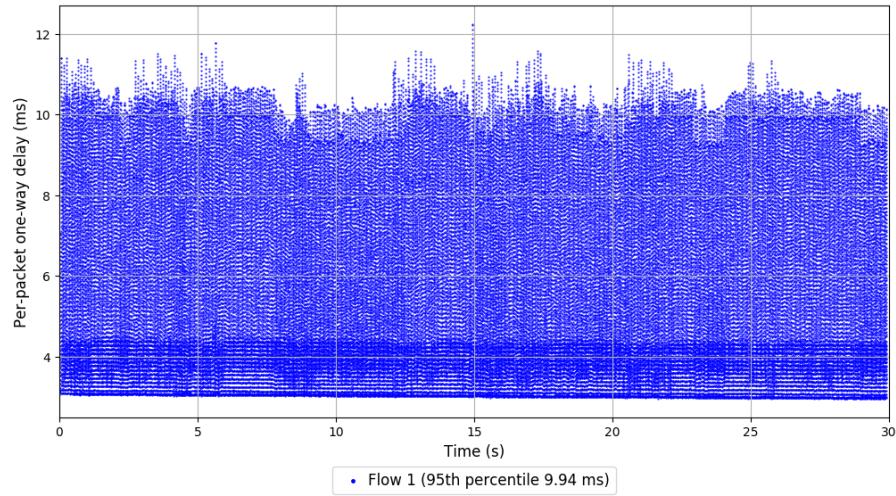
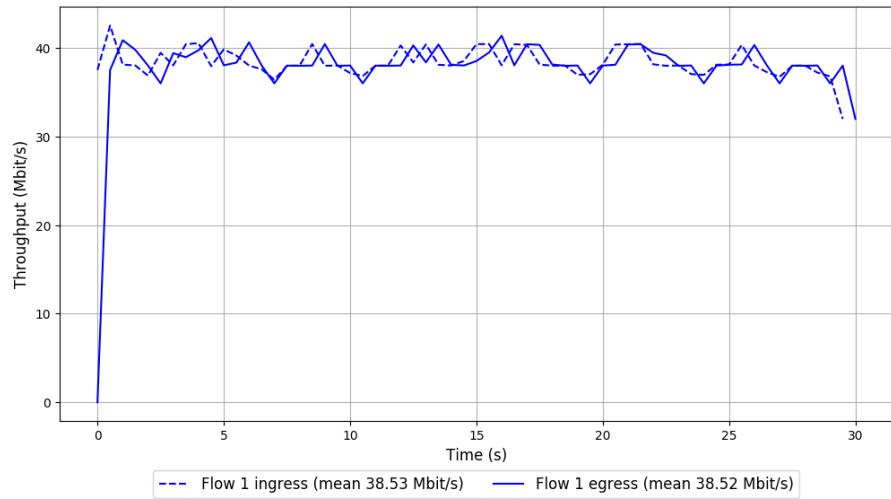


Run 1: Statistics of Sprout

```
Start at: 2018-06-05 19:39:28
End at: 2018-06-05 19:39:58
Local clock offset: -1.511 ms
Remote clock offset: -2.18 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 9.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 9.935 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

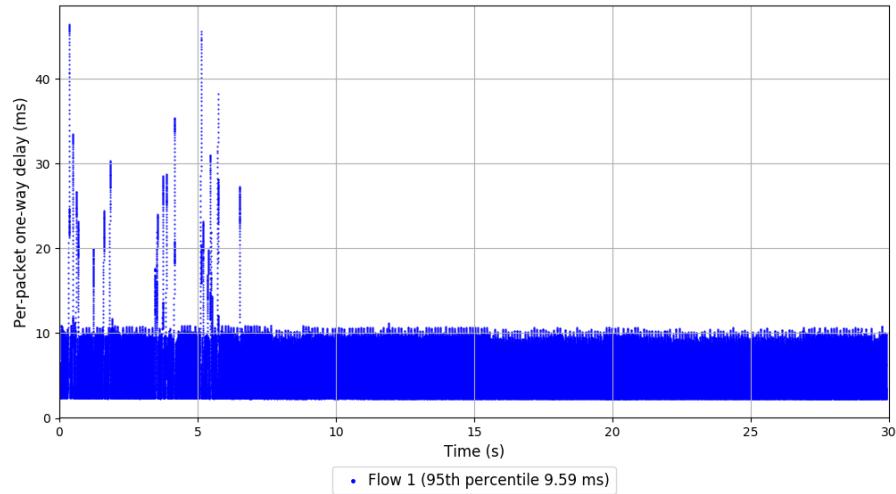
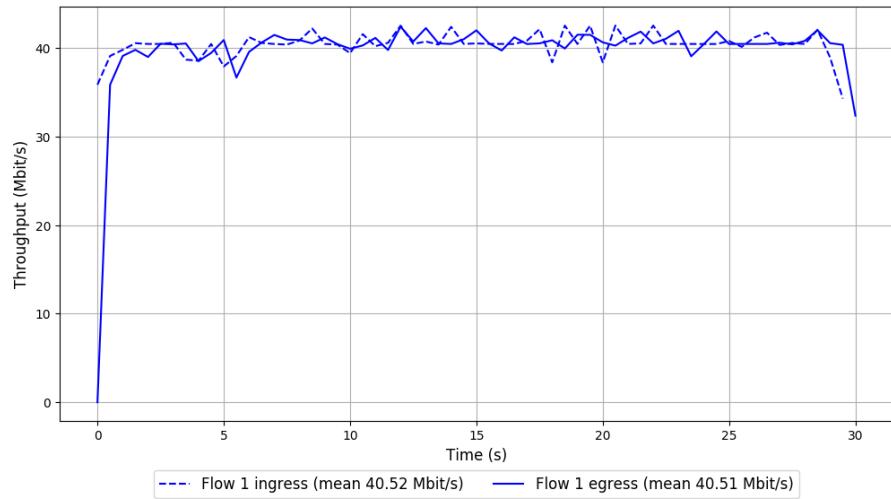


Run 2: Statistics of Sprout

```
Start at: 2018-06-05 19:57:19
End at: 2018-06-05 19:57:50
Local clock offset: 0.752 ms
Remote clock offset: -1.524 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 9.593 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 9.593 ms
Loss rate: 0.08%
```

Run 2: Report of Sprout — Data Link

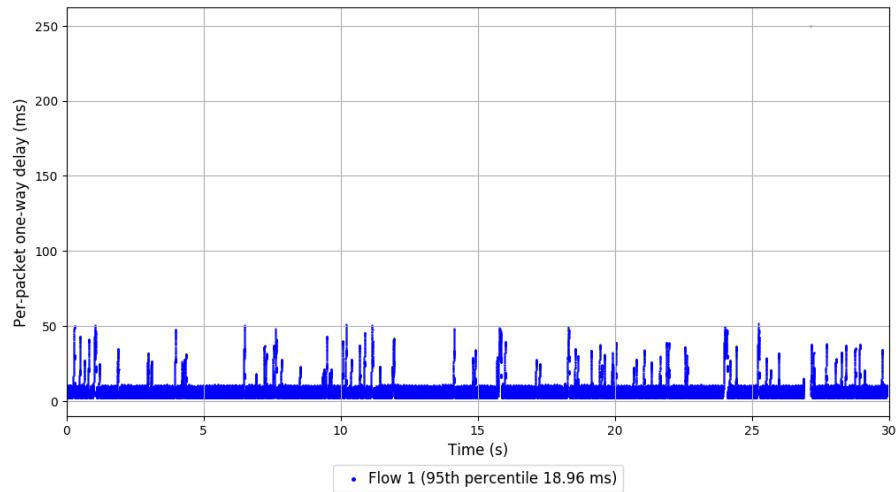
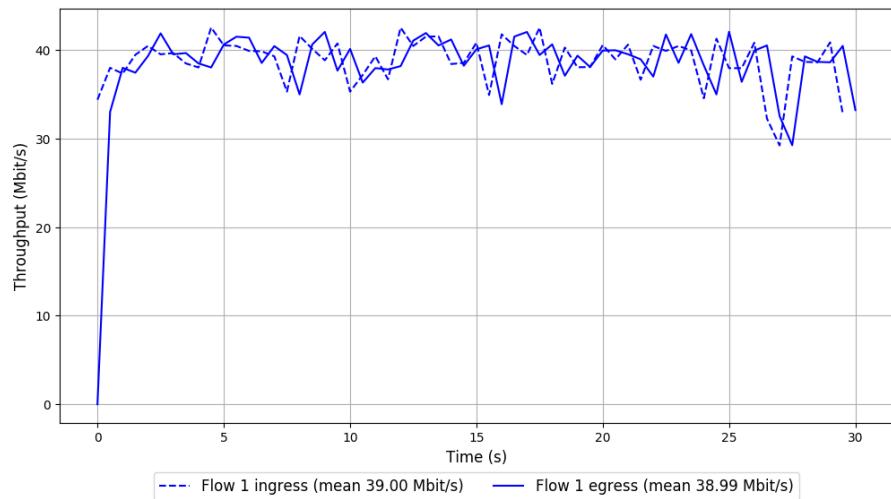


Run 3: Statistics of Sprout

```
Start at: 2018-06-05 20:15:09
End at: 2018-06-05 20:15:39
Local clock offset: 2.233 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 18.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 18.962 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

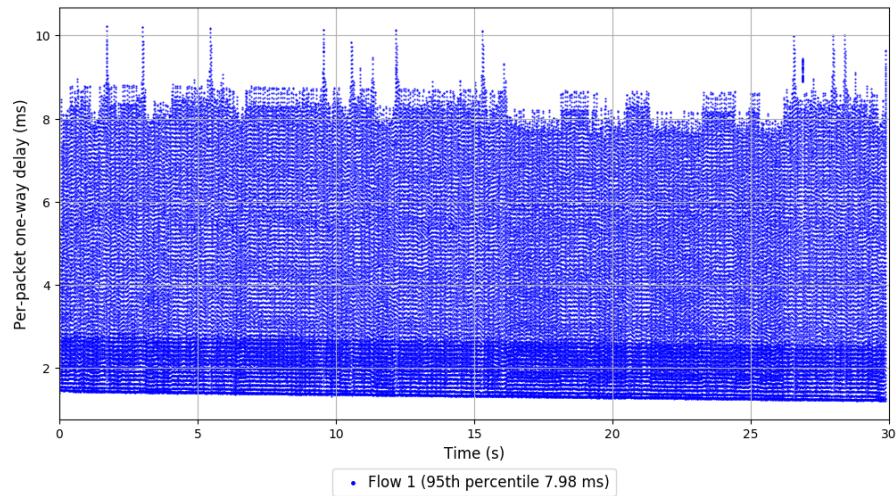
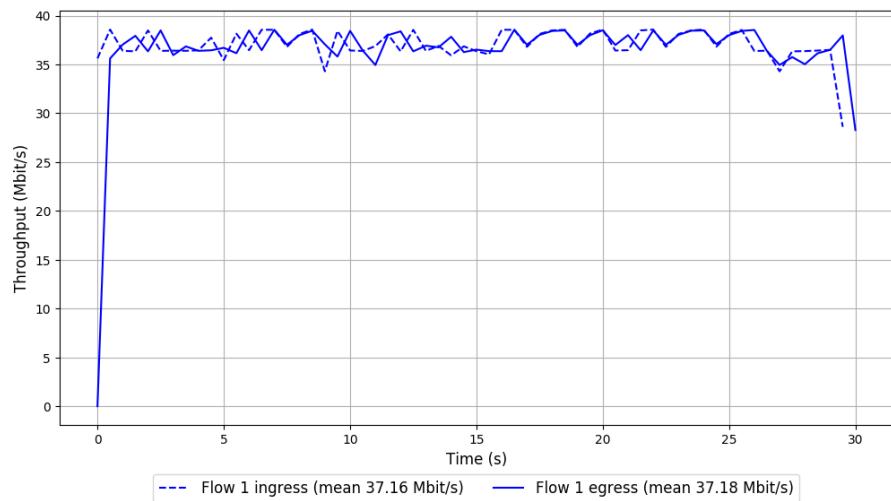


Run 4: Statistics of Sprout

```
Start at: 2018-06-05 20:32:57
End at: 2018-06-05 20:33:27
Local clock offset: 2.702 ms
Remote clock offset: -4.547 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.18 Mbit/s
95th percentile per-packet one-way delay: 7.982 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.18 Mbit/s
95th percentile per-packet one-way delay: 7.982 ms
Loss rate: 0.01%
```

Run 4: Report of Sprout — Data Link

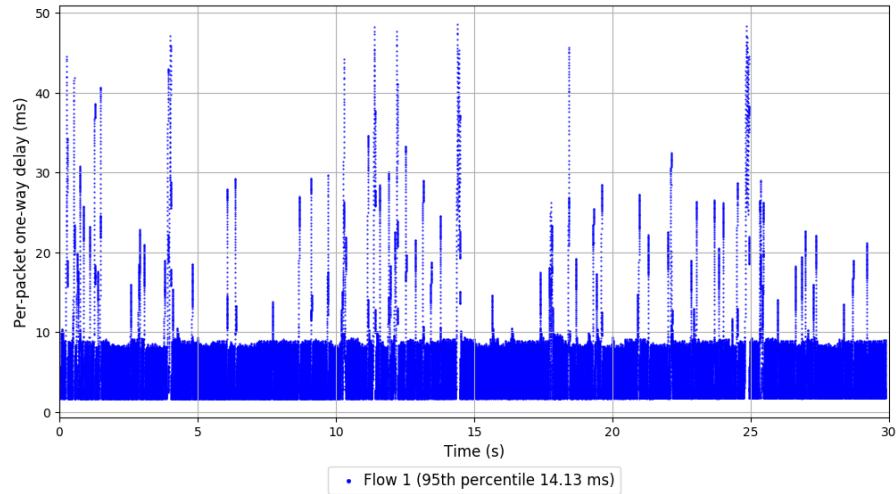
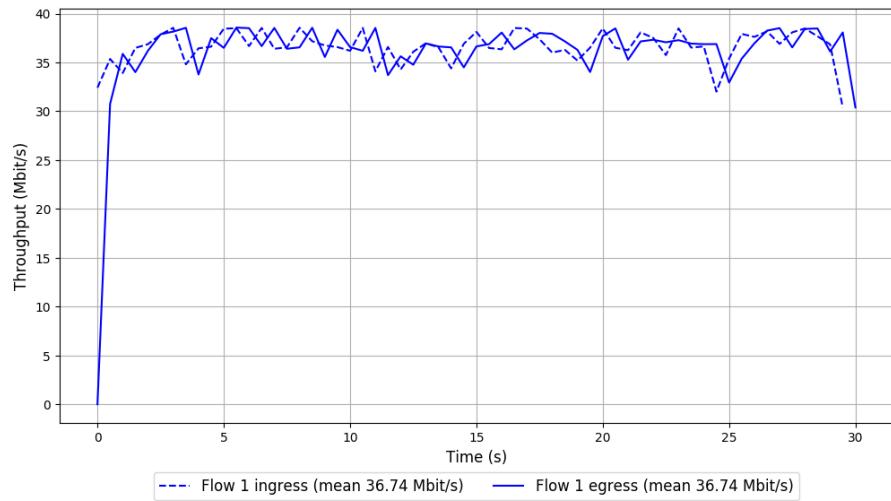


Run 5: Statistics of Sprout

```
Start at: 2018-06-05 20:50:46
End at: 2018-06-05 20:51:16
Local clock offset: -5.852 ms
Remote clock offset: -8.112 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.74 Mbit/s
95th percentile per-packet one-way delay: 14.127 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 36.74 Mbit/s
95th percentile per-packet one-way delay: 14.127 ms
Loss rate: 0.02%
```

Run 5: Report of Sprout — Data Link

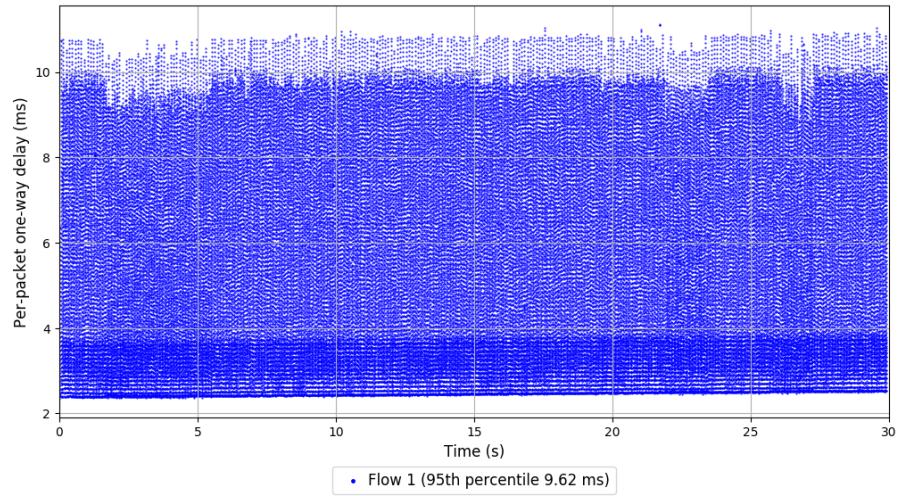
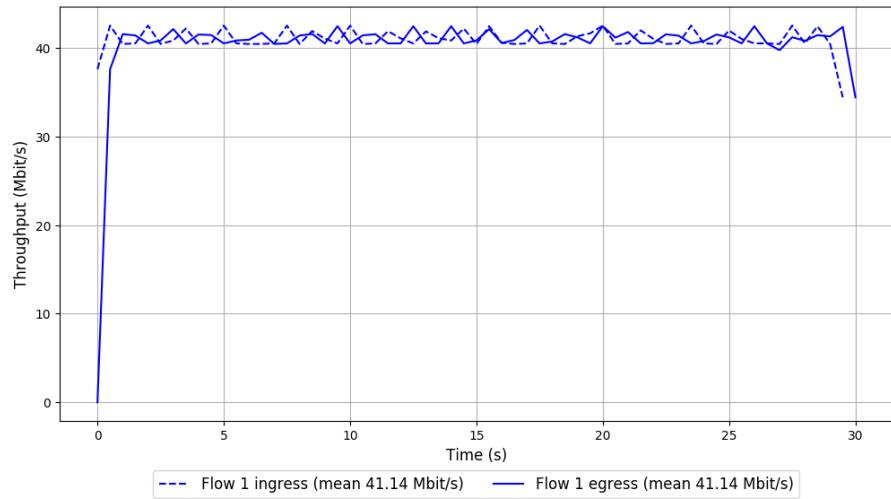


Run 6: Statistics of Sprout

```
Start at: 2018-06-05 21:08:41
End at: 2018-06-05 21:09:11
Local clock offset: -6.82 ms
Remote clock offset: -4.74 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.14 Mbit/s
95th percentile per-packet one-way delay: 9.617 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.14 Mbit/s
95th percentile per-packet one-way delay: 9.617 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

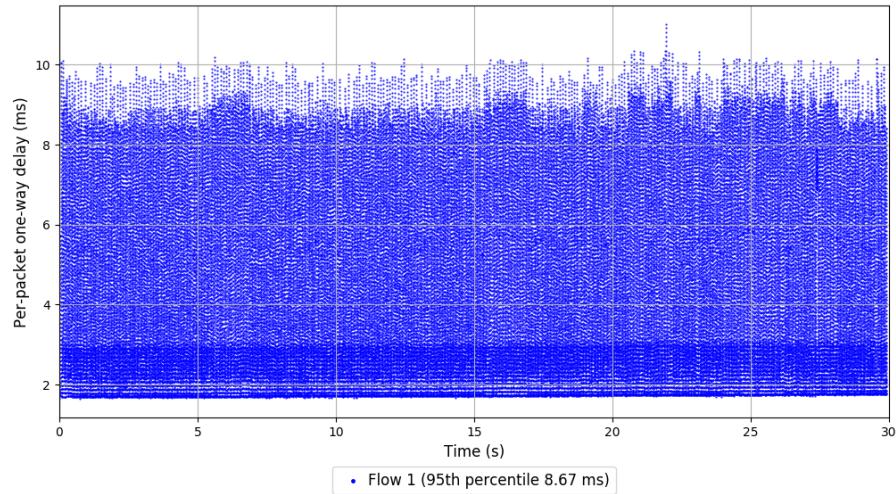
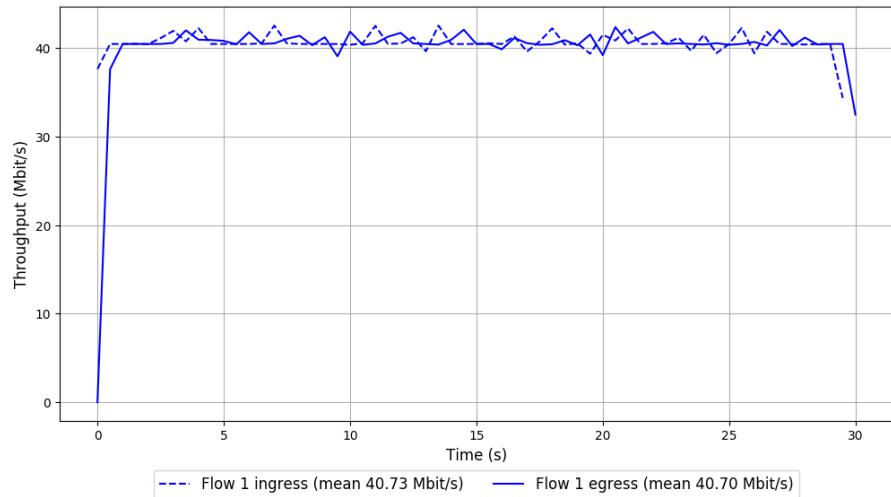


Run 7: Statistics of Sprout

```
Start at: 2018-06-05 21:26:33
End at: 2018-06-05 21:27:03
Local clock offset: -7.69 ms
Remote clock offset: -1.314 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 8.671 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 8.671 ms
Loss rate: 0.08%
```

Run 7: Report of Sprout — Data Link

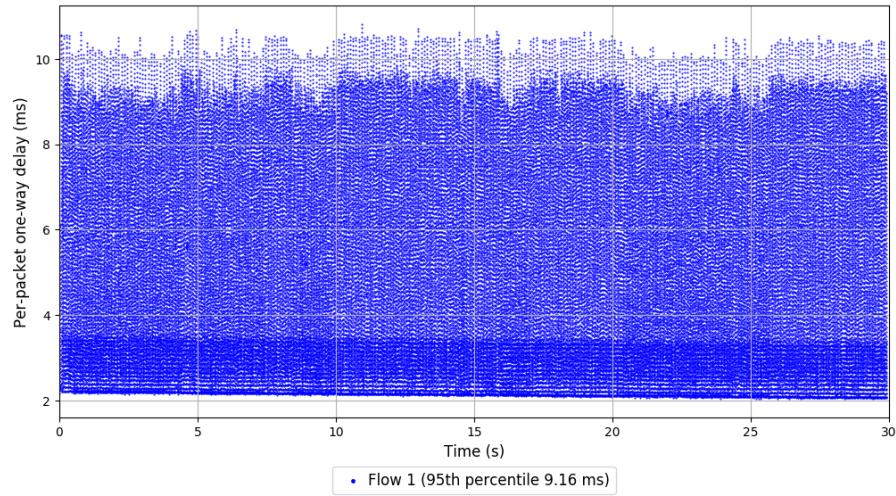
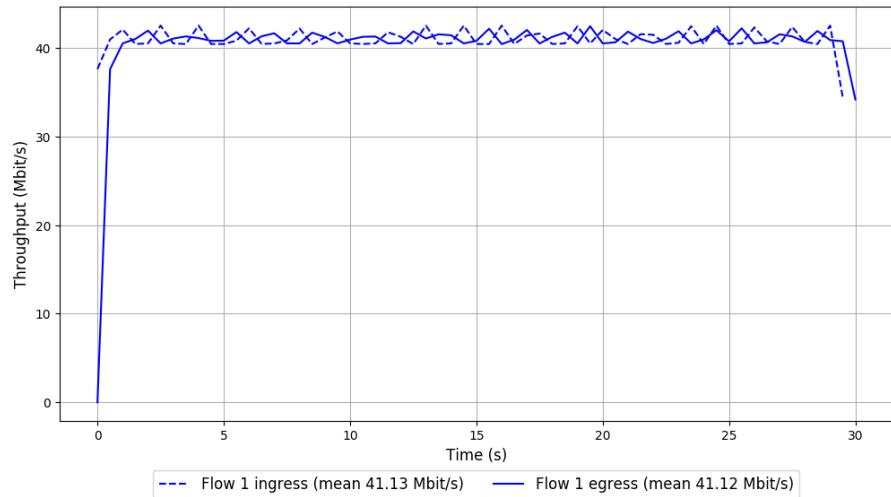


Run 8: Statistics of Sprout

```
Start at: 2018-06-05 21:44:28
End at: 2018-06-05 21:44:58
Local clock offset: -6.241 ms
Remote clock offset: -4.754 ms

# Below is generated by plot.py at 2018-06-05 22:47:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 9.163 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 9.163 ms
Loss rate: 0.08%
```

Run 8: Report of Sprout — Data Link

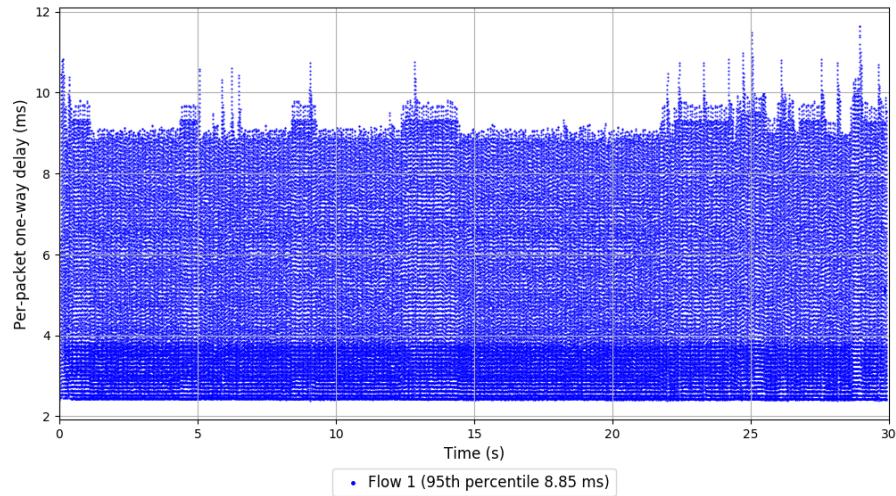
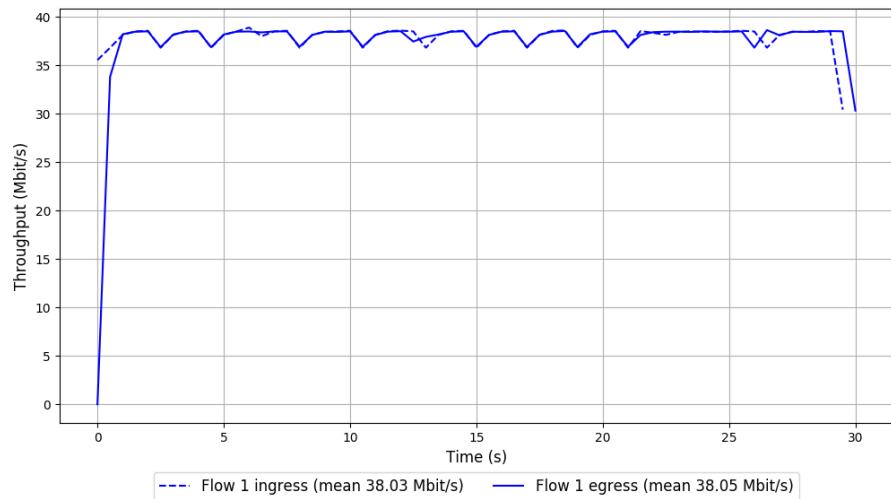


Run 9: Statistics of Sprout

```
Start at: 2018-06-05 22:02:24
End at: 2018-06-05 22:02:54
Local clock offset: -6.178 ms
Remote clock offset: -6.946 ms

# Below is generated by plot.py at 2018-06-05 22:47:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 8.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 8.852 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

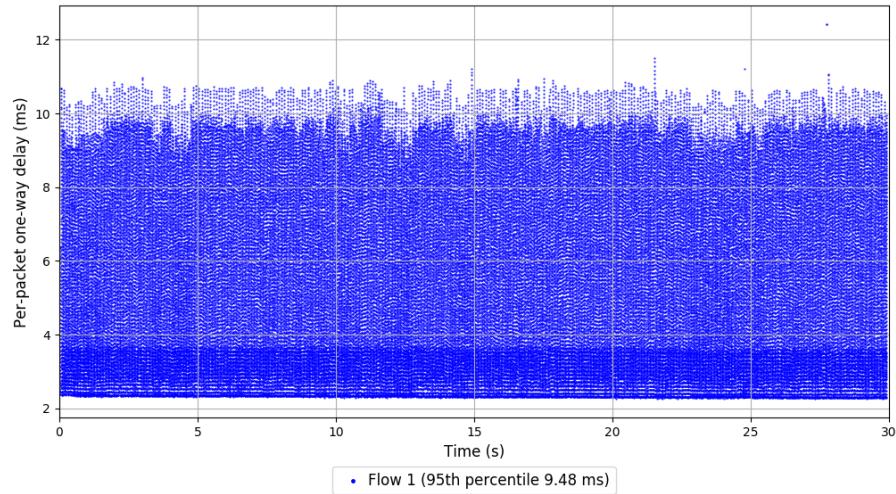
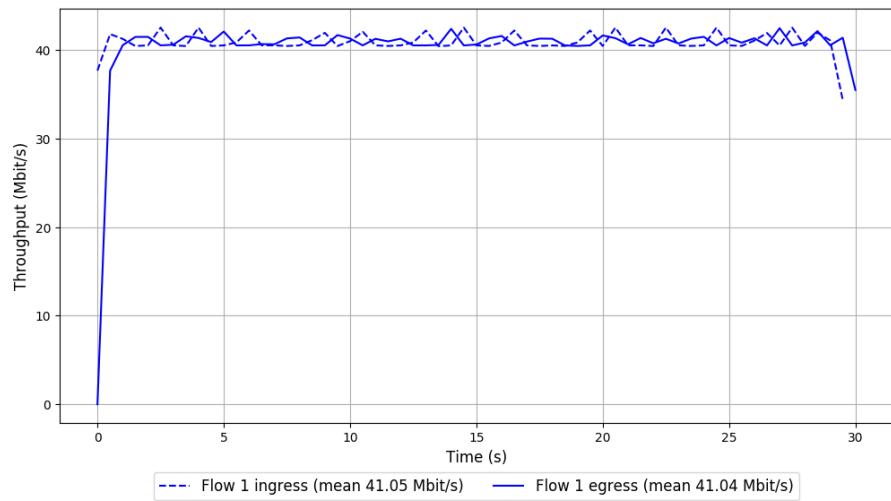


Run 10: Statistics of Sprout

```
Start at: 2018-06-05 22:20:17
End at: 2018-06-05 22:20:47
Local clock offset: -1.191 ms
Remote clock offset: -7.04 ms

# Below is generated by plot.py at 2018-06-05 22:47:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 9.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 9.476 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

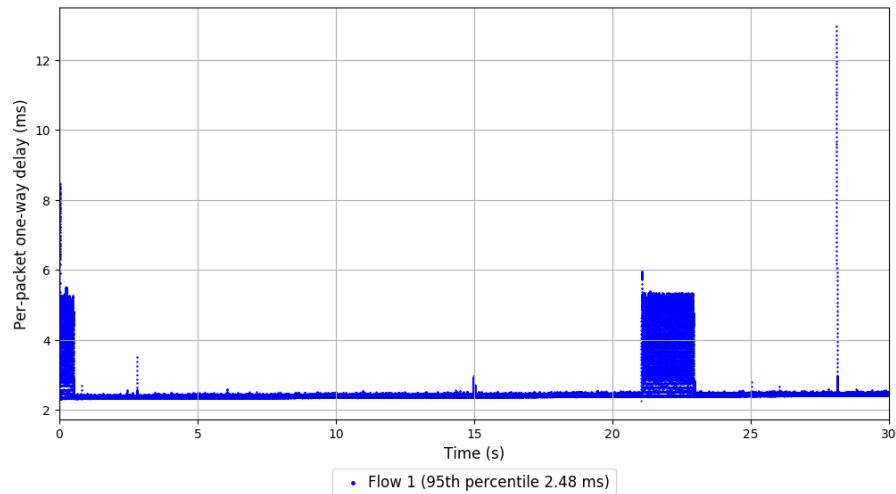
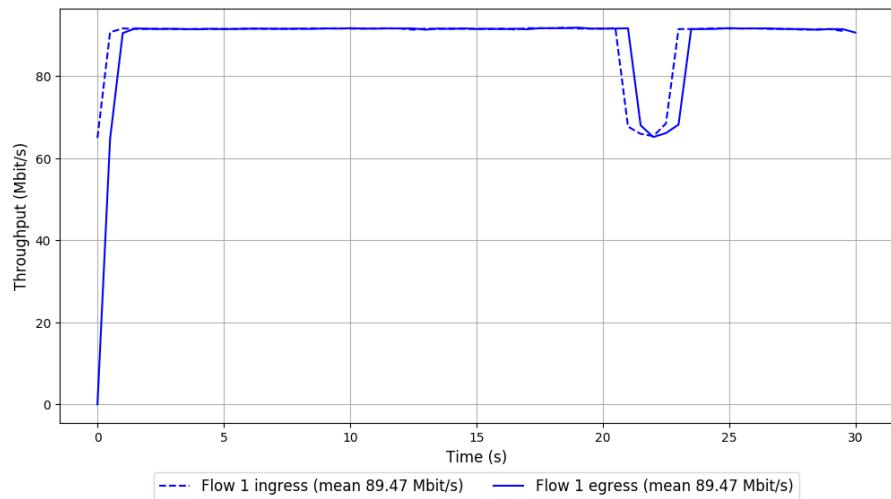


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-06-05 19:30:30
End at: 2018-06-05 19:31:00
Local clock offset: -4.557 ms
Remote clock offset: -3.347 ms

# Below is generated by plot.py at 2018-06-05 22:49:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 2.485 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 2.485 ms
Loss rate: 0.02%
```

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

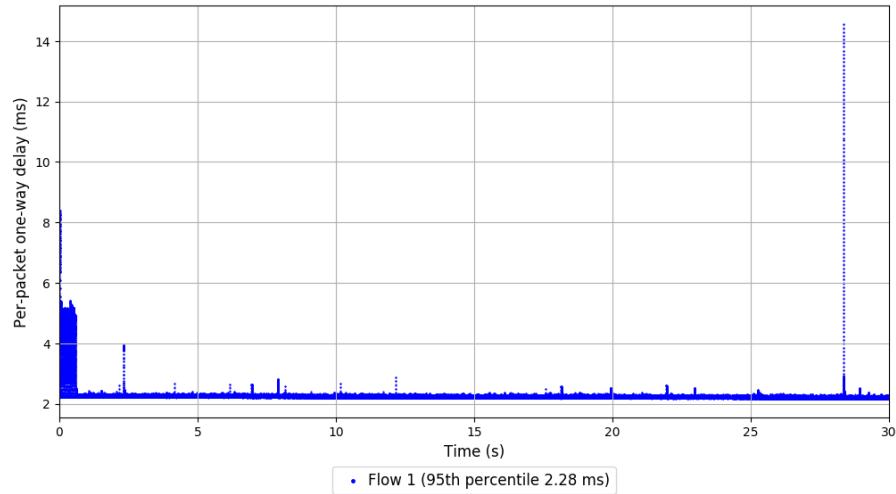
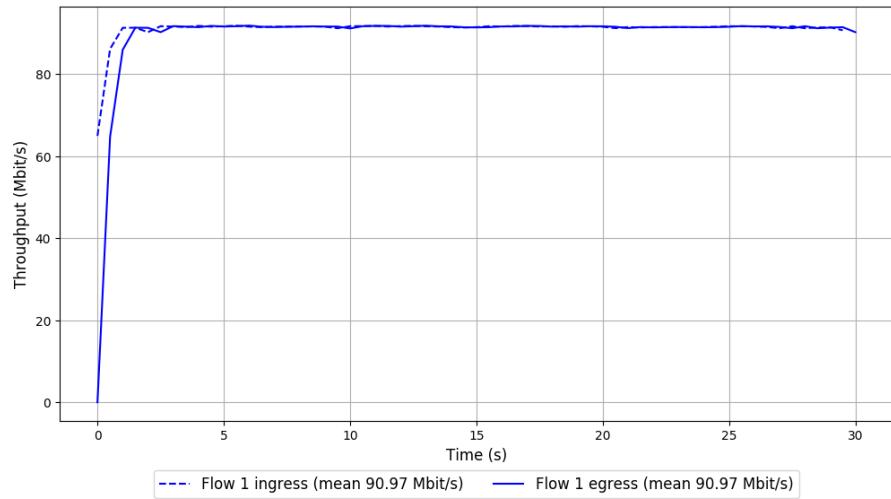


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-06-05 19:48:21
End at: 2018-06-05 19:48:51
Local clock offset: -0.387 ms
Remote clock offset: -1.586 ms

# Below is generated by plot.py at 2018-06-05 22:49:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.02%
```

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

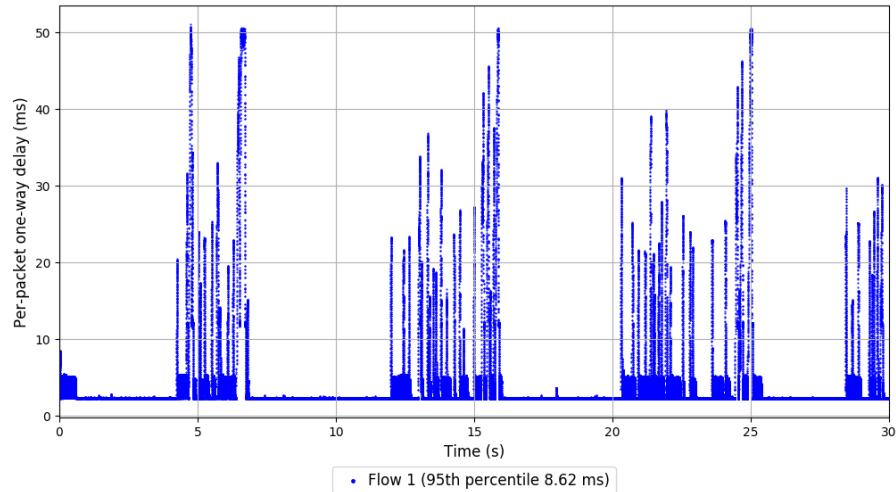
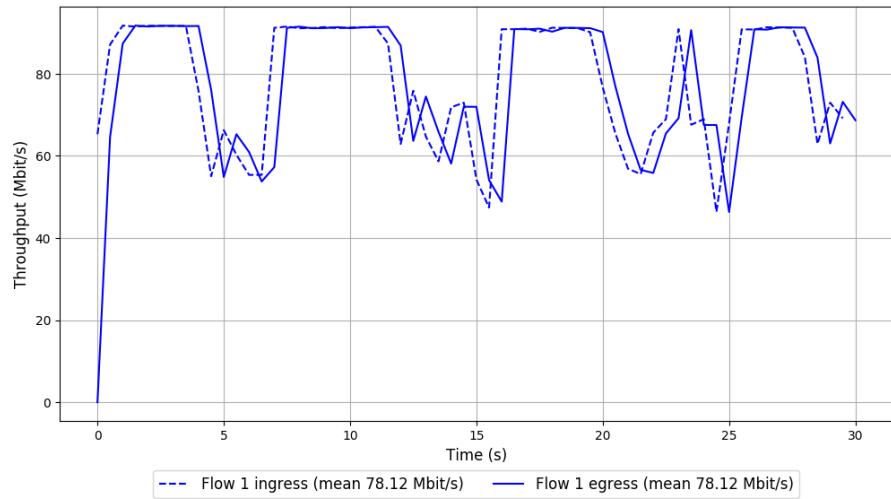


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:06:12
End at: 2018-06-05 20:06:42
Local clock offset: 1.495 ms
Remote clock offset: -1.423 ms

# Below is generated by plot.py at 2018-06-05 22:49:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 8.622 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 8.622 ms
Loss rate: 0.02%
```

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

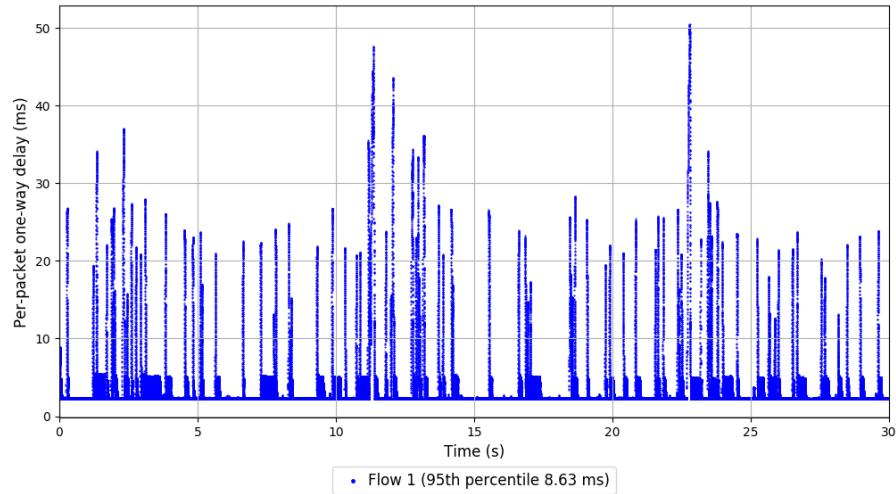
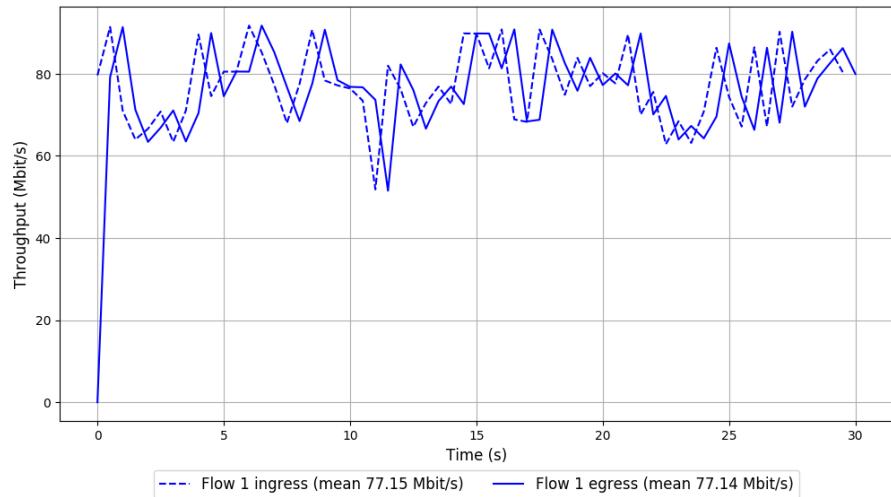


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:24:03
End at: 2018-06-05 20:24:33
Local clock offset: 2.893 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at 2018-06-05 22:49:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.14 Mbit/s
95th percentile per-packet one-way delay: 8.626 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.14 Mbit/s
95th percentile per-packet one-way delay: 8.626 ms
Loss rate: 0.02%
```

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

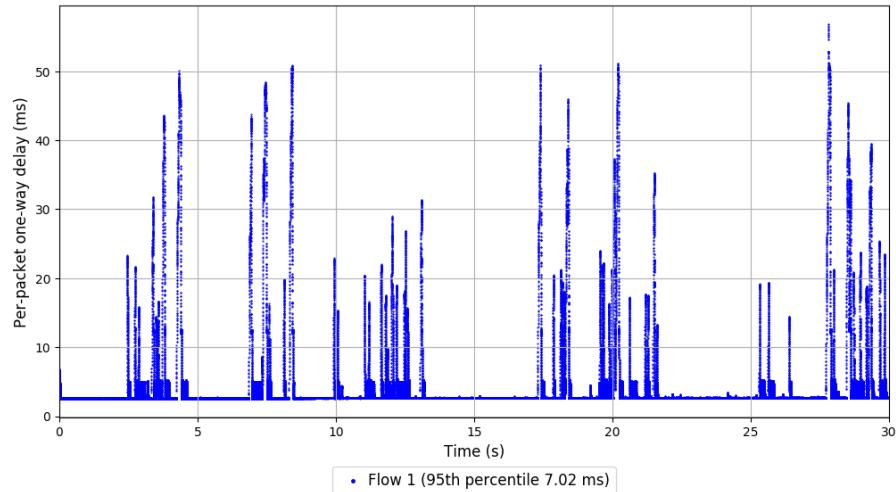
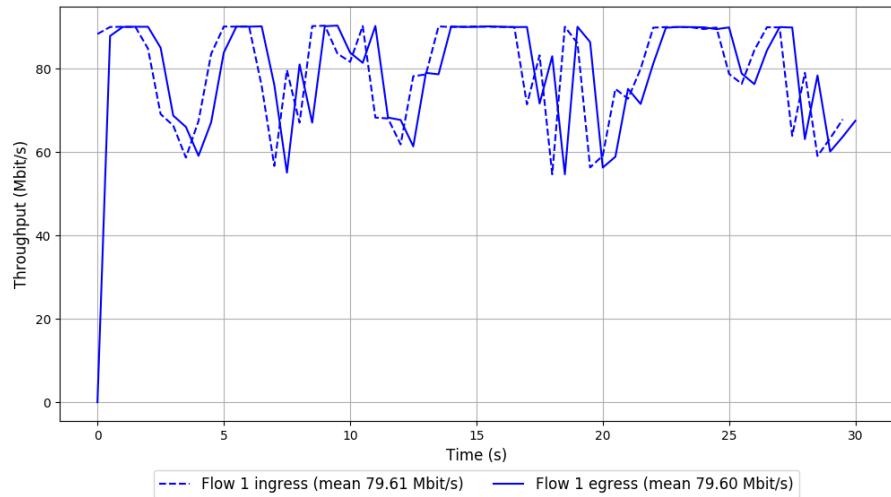


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:41:51
End at: 2018-06-05 20:42:21
Local clock offset: -2.022 ms
Remote clock offset: -6.876 ms

# Below is generated by plot.py at 2018-06-05 22:49:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.60 Mbit/s
95th percentile per-packet one-way delay: 7.016 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.60 Mbit/s
95th percentile per-packet one-way delay: 7.016 ms
Loss rate: 0.02%
```

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

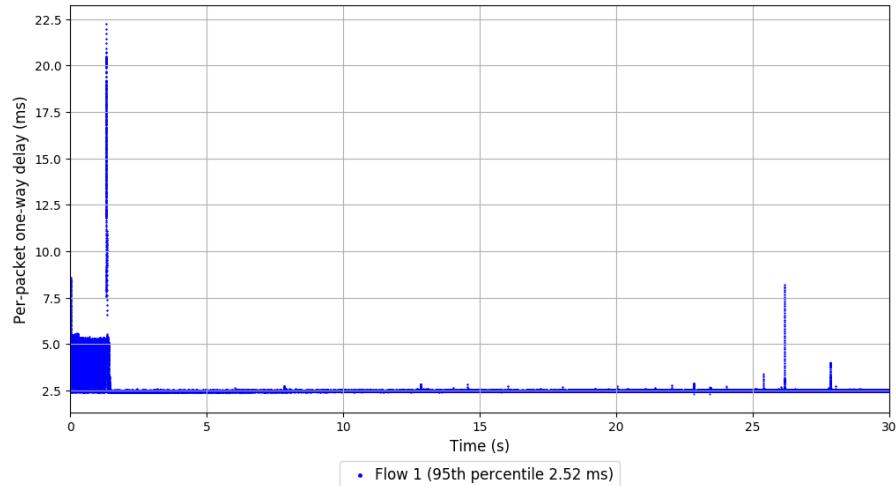
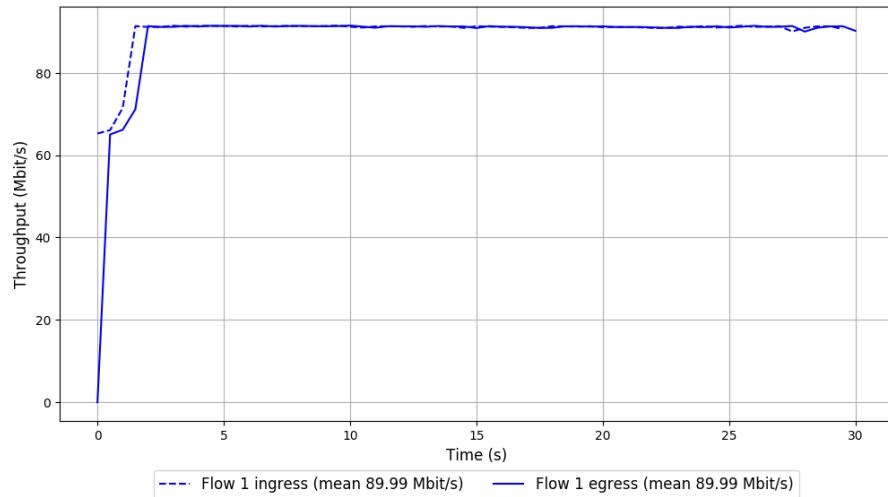


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:59:39
End at: 2018-06-05 21:00:09
Local clock offset: -6.669 ms
Remote clock offset: -9.011 ms

# Below is generated by plot.py at 2018-06-05 22:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.02%
```

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

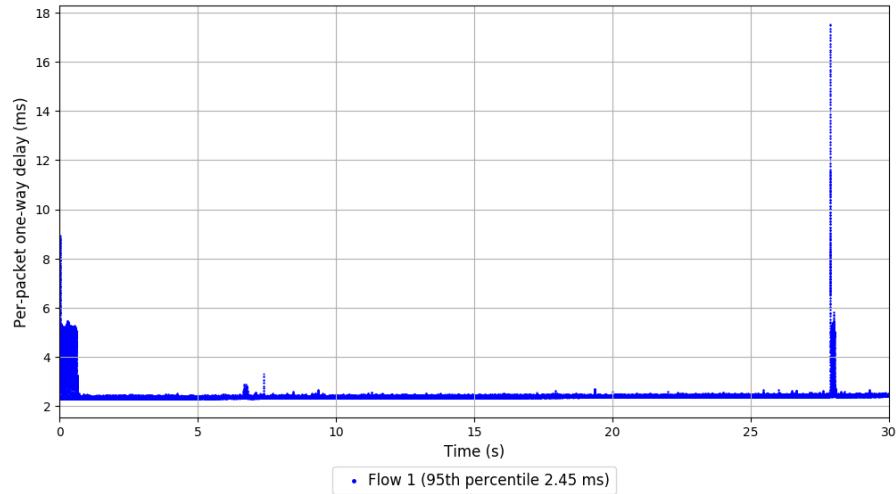
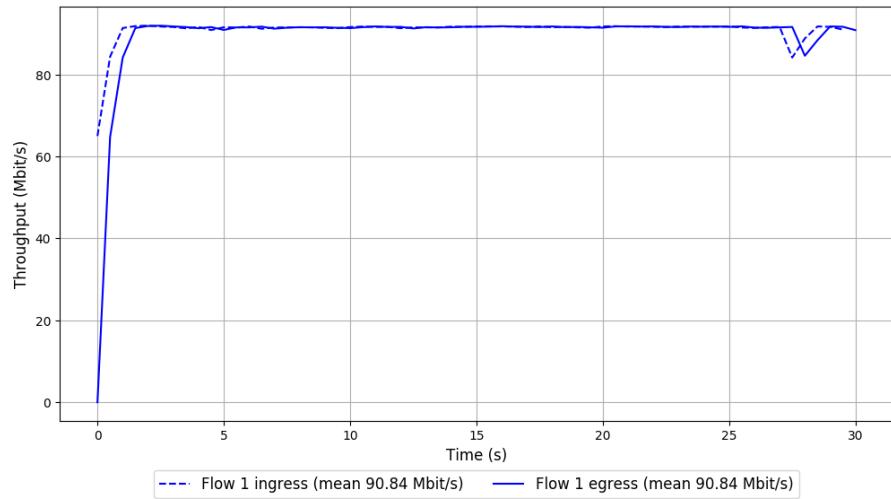


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-06-05 21:17:35
End at: 2018-06-05 21:18:05
Local clock offset: -6.669 ms
Remote clock offset: -2.448 ms

# Below is generated by plot.py at 2018-06-05 22:49:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 2.449 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 2.449 ms
Loss rate: 0.01%
```

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

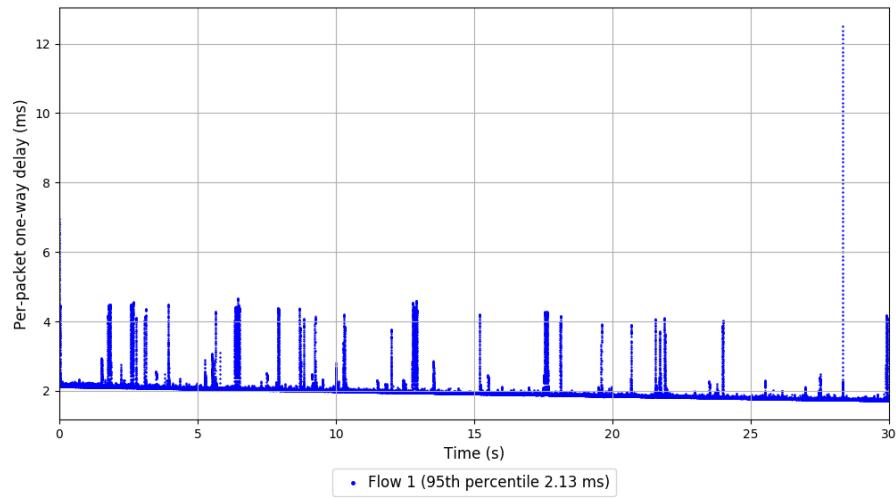
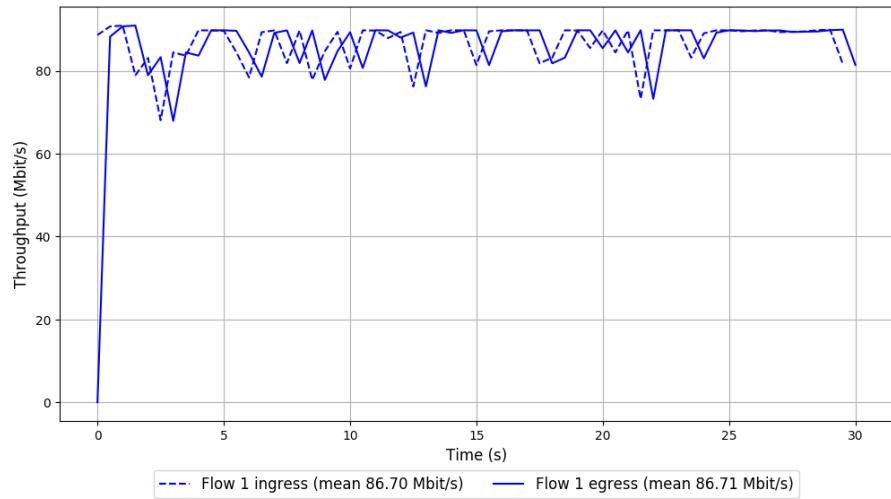


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-06-05 21:35:27
End at: 2018-06-05 21:35:57
Local clock offset: -7.054 ms
Remote clock offset: -0.792 ms

# Below is generated by plot.py at 2018-06-05 22:49:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 2.127 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 2.127 ms
Loss rate: 0.01%
```

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

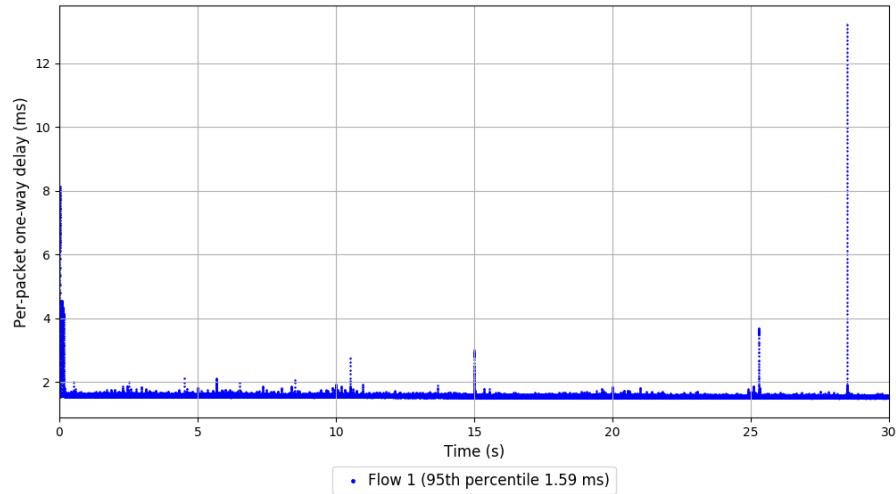
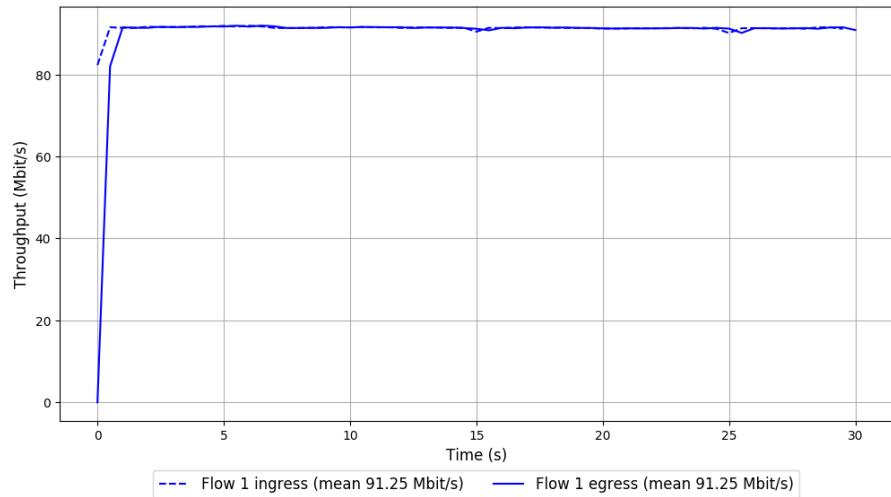


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-06-05 21:53:23
End at: 2018-06-05 21:53:53
Local clock offset: -6.815 ms
Remote clock offset: -6.234 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 1.593 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 1.593 ms
Loss rate: 0.01%
```

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

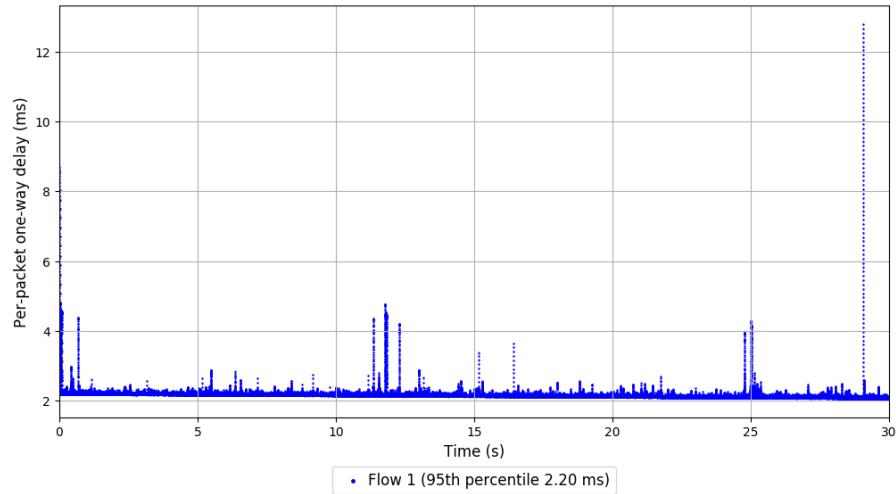
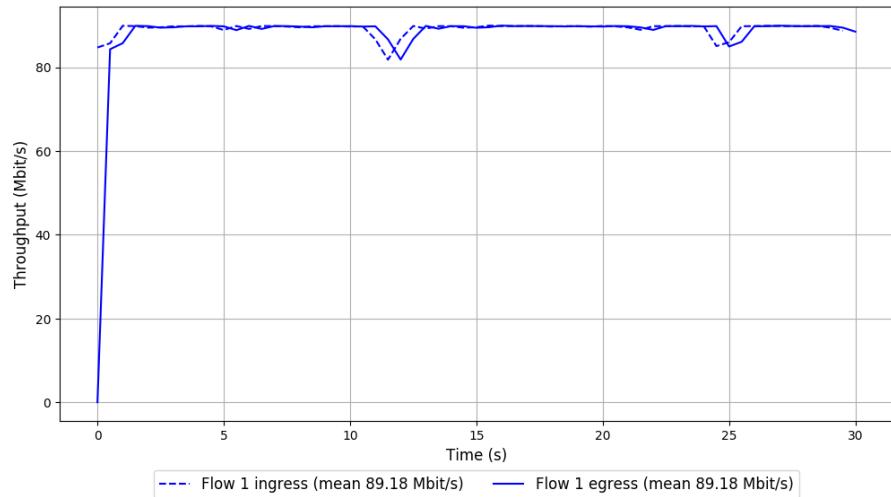


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-06-05 22:11:18
End at: 2018-06-05 22:11:48
Local clock offset: -3.021 ms
Remote clock offset: -7.08 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 2.200 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 2.200 ms
Loss rate: 0.01%
```

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

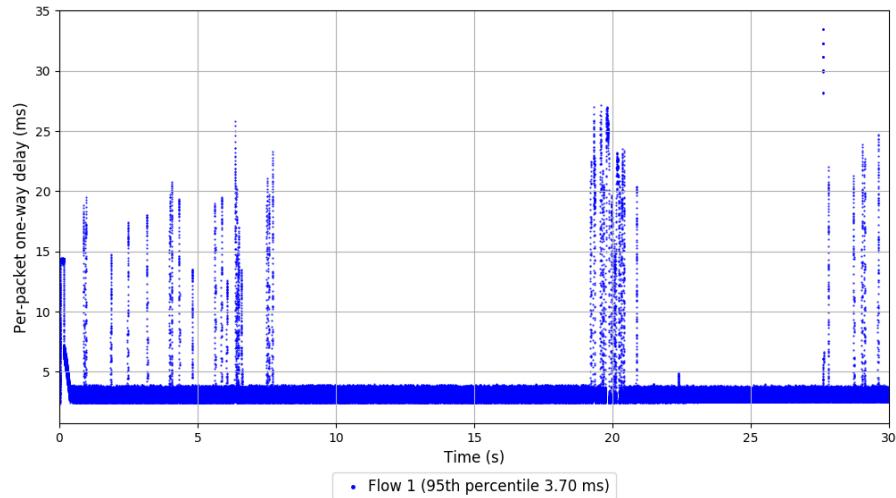
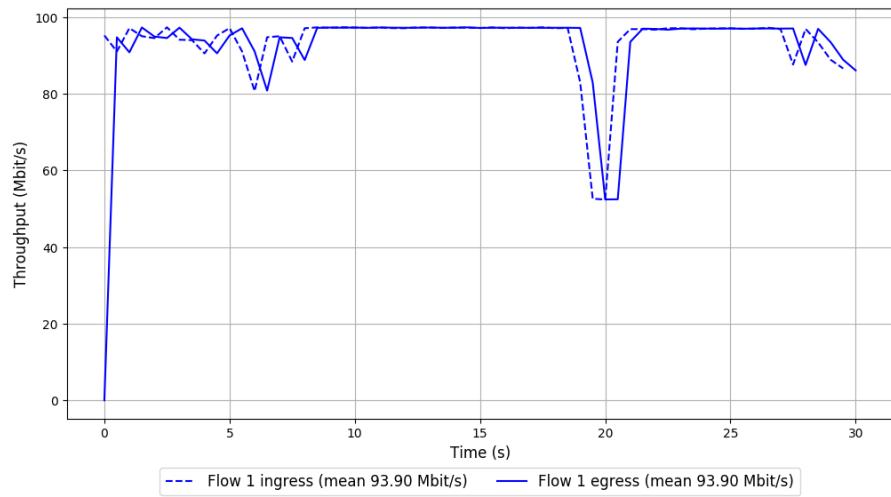


Run 1: Statistics of TCP Vegas

```
Start at: 2018-06-05 19:32:49
End at: 2018-06-05 19:33:19
Local clock offset: -4.527 ms
Remote clock offset: -3.004 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 3.703 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 3.703 ms
Loss rate: 0.02%
```

Run 1: Report of TCP Vegas — Data Link

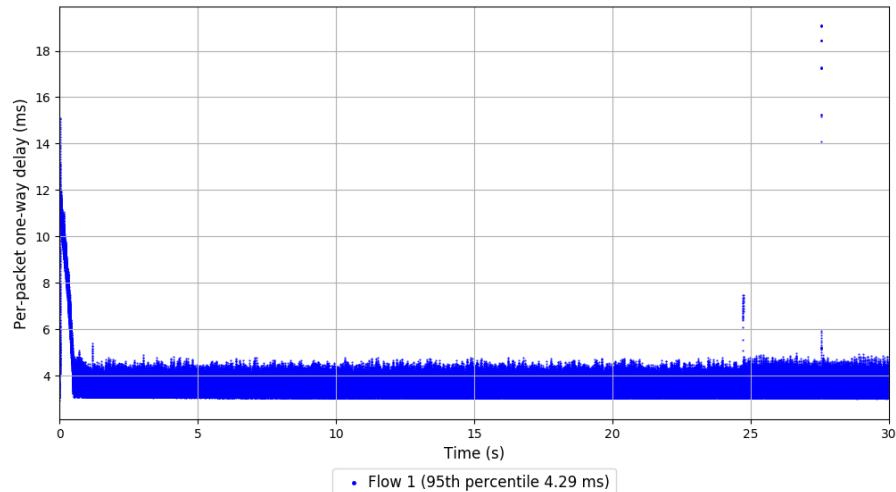
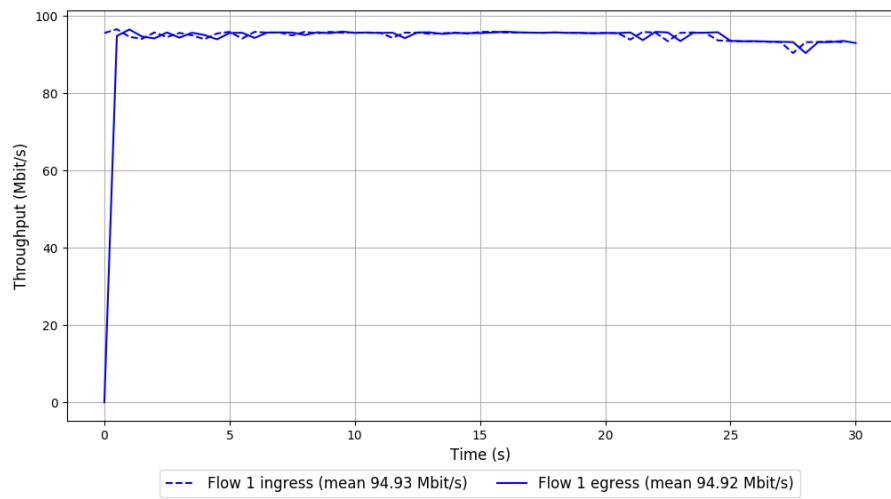


Run 2: Statistics of TCP Vegas

```
Start at: 2018-06-05 19:50:40
End at: 2018-06-05 19:51:10
Local clock offset: 0.758 ms
Remote clock offset: -1.504 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 4.290 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 4.290 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

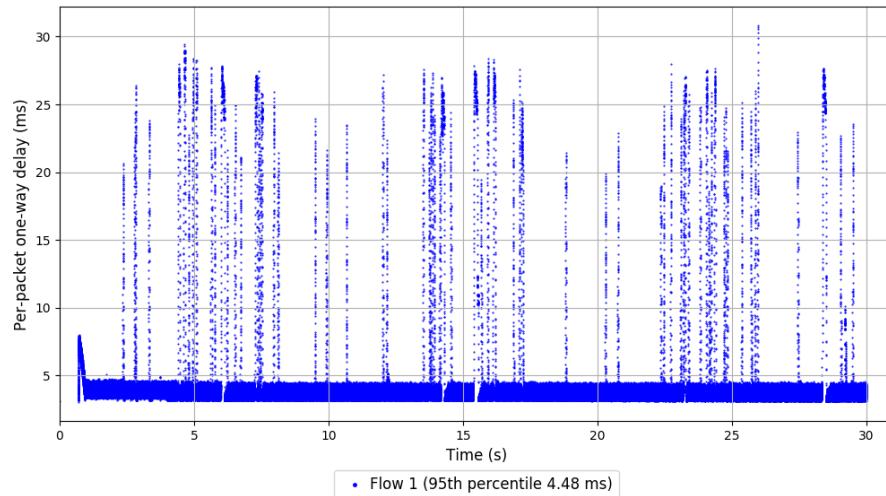
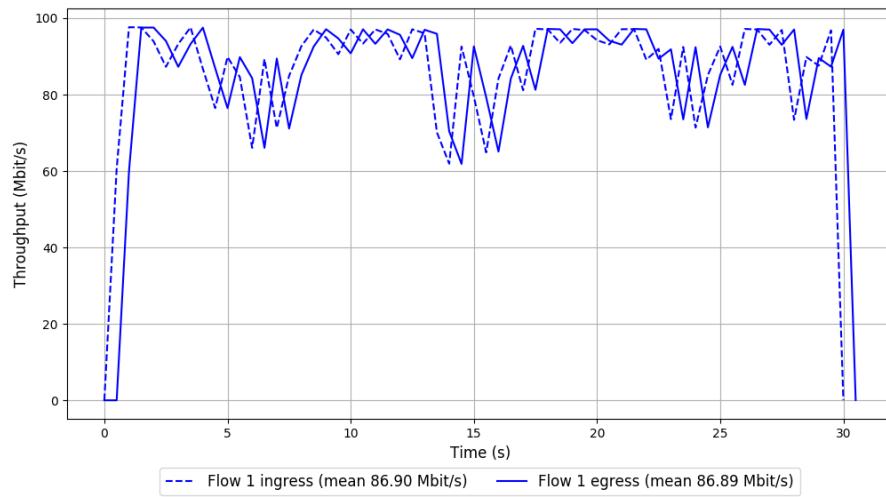


Run 3: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:08:29
End at: 2018-06-05 20:08:59
Local clock offset: 2.506 ms
Remote clock offset: -1.466 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 4.484 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 4.484 ms
Loss rate: 0.02%
```

Run 3: Report of TCP Vegas — Data Link

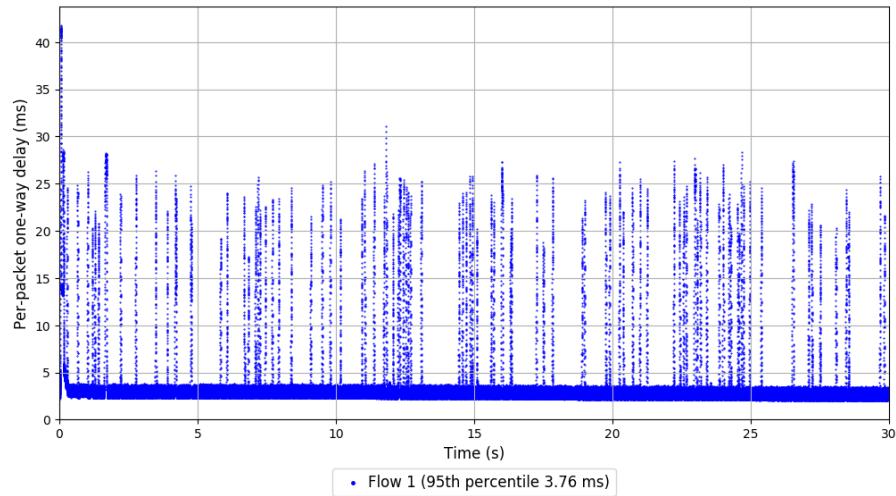
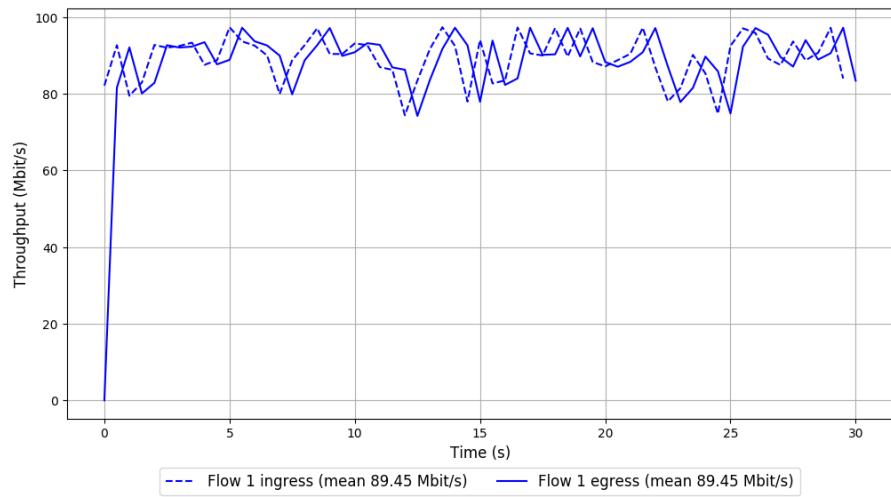


Run 4: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:26:21
End at: 2018-06-05 20:26:51
Local clock offset: 3.052 ms
Remote clock offset: -1.12 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 3.757 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 3.757 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Vegas — Data Link

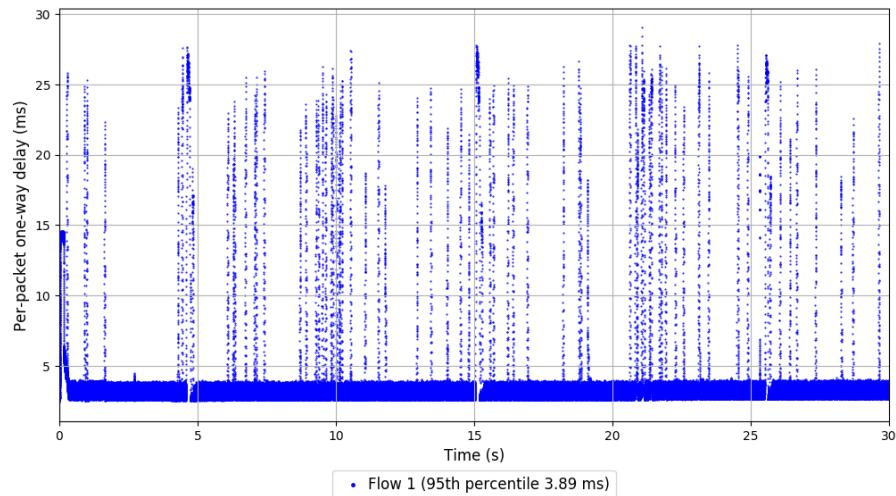
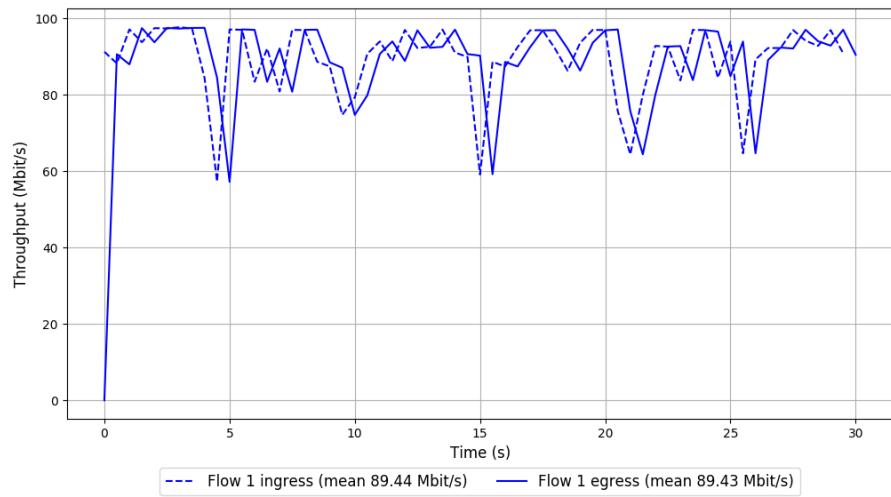


Run 5: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:44:09
End at: 2018-06-05 20:44:39
Local clock offset: -3.043 ms
Remote clock offset: -7.253 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.43 Mbit/s
95th percentile per-packet one-way delay: 3.894 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.43 Mbit/s
95th percentile per-packet one-way delay: 3.894 ms
Loss rate: 0.02%
```

Run 5: Report of TCP Vegas — Data Link

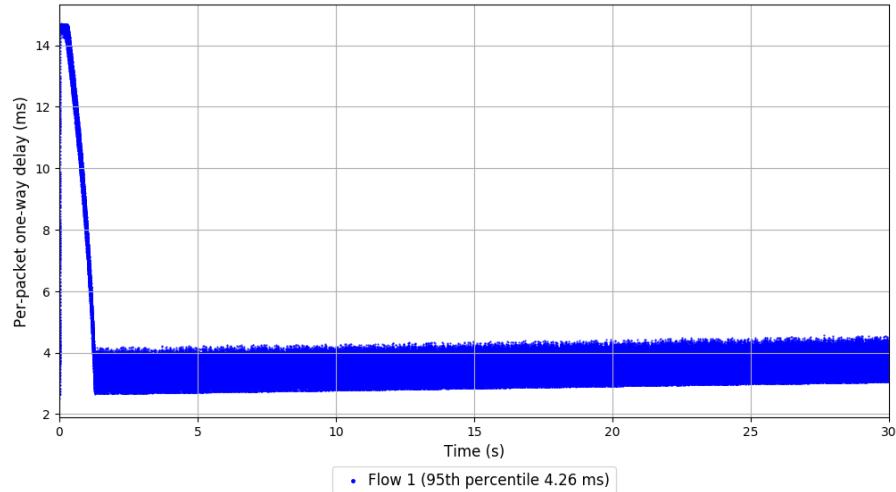
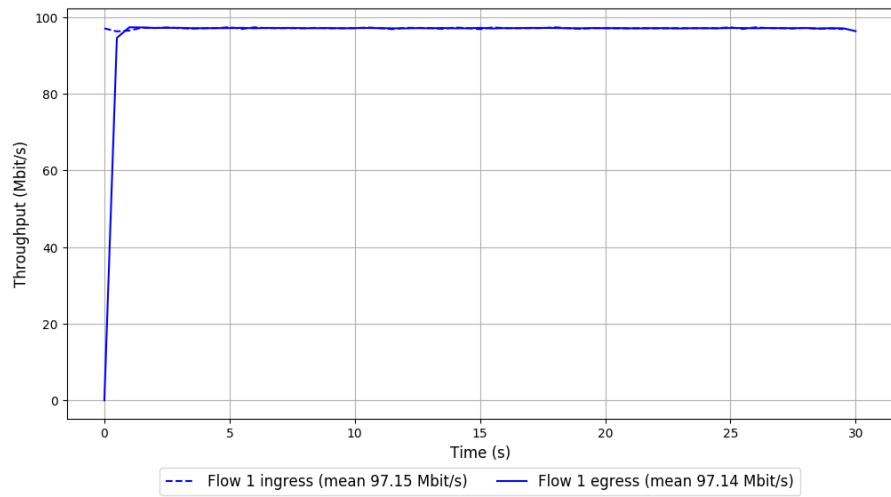


Run 6: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:01:58
End at: 2018-06-05 21:02:28
Local clock offset: -7.01 ms
Remote clock offset: -8.326 ms

# Below is generated by plot.py at 2018-06-05 22:50:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 4.262 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 4.262 ms
Loss rate: 0.02%
```

Run 6: Report of TCP Vegas — Data Link

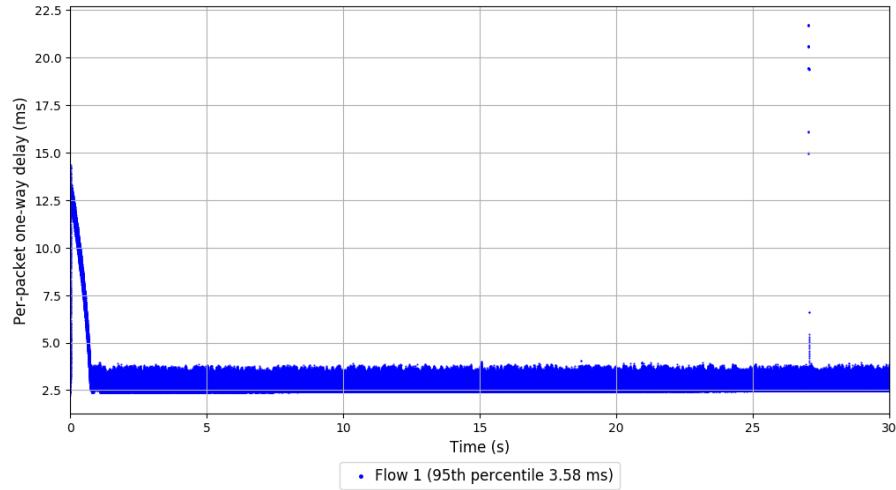
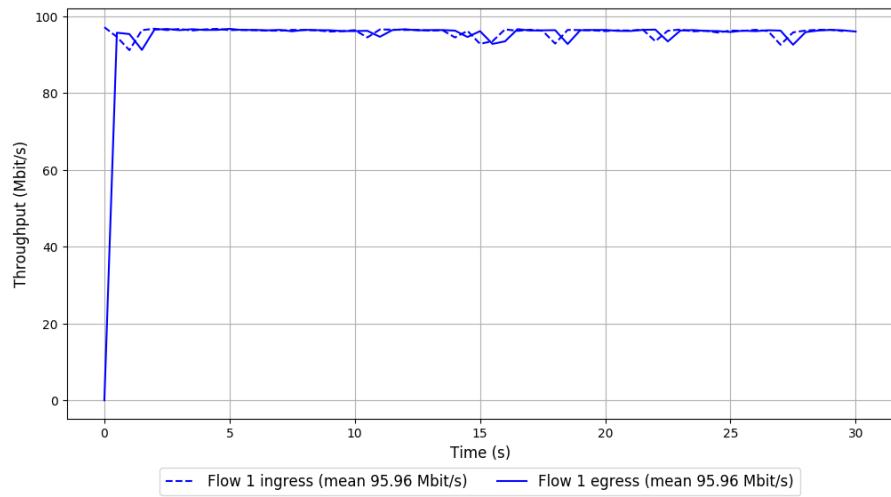


Run 7: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:19:54
End at: 2018-06-05 21:20:24
Local clock offset: -6.73 ms
Remote clock offset: -2.133 ms

# Below is generated by plot.py at 2018-06-05 22:51:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 3.580 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 3.580 ms
Loss rate: 0.01%
```

Run 7: Report of TCP Vegas — Data Link

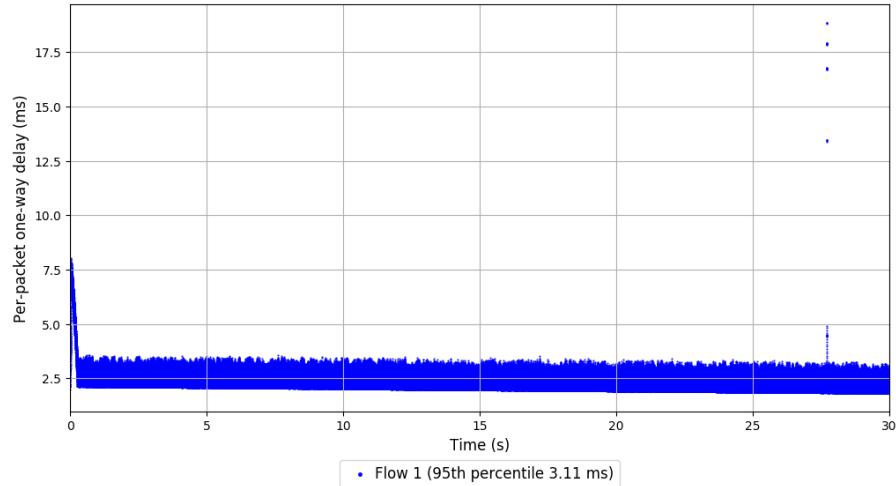
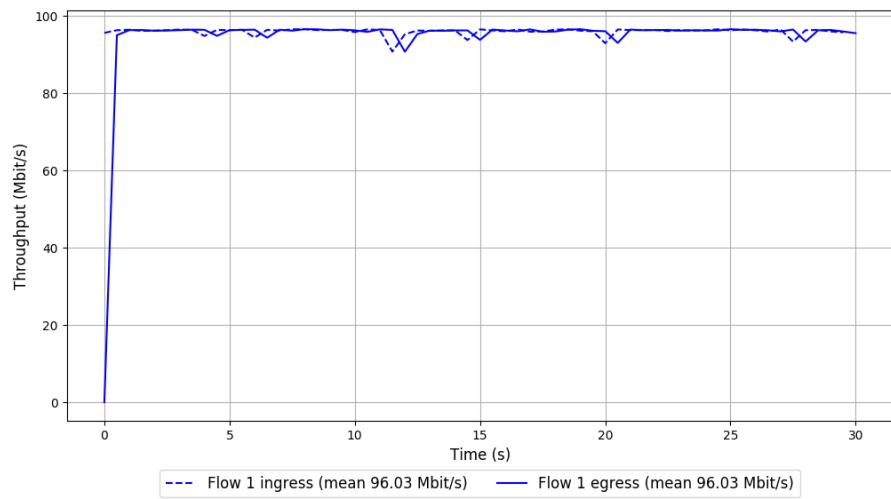


Run 8: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:37:46
End at: 2018-06-05 21:38:16
Local clock offset: -6.711 ms
Remote clock offset: -2.179 ms

# Below is generated by plot.py at 2018-06-05 22:51:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 3.109 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 3.109 ms
Loss rate: 0.01%
```

Run 8: Report of TCP Vegas — Data Link

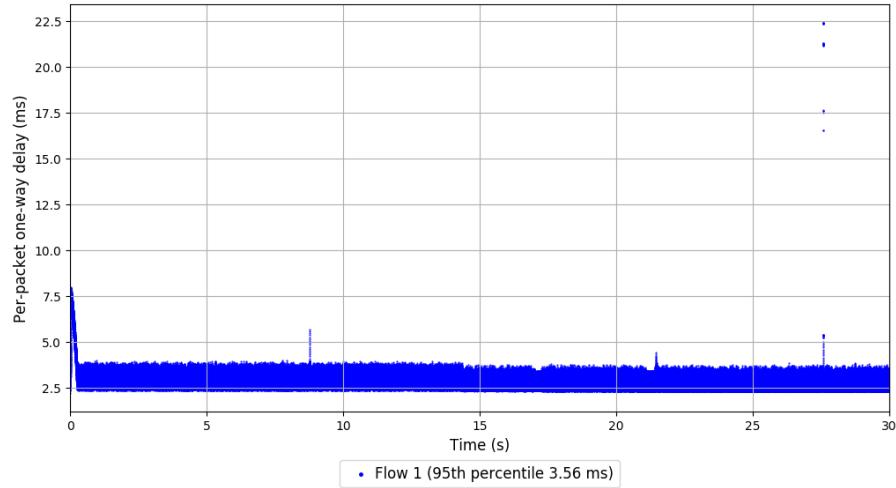
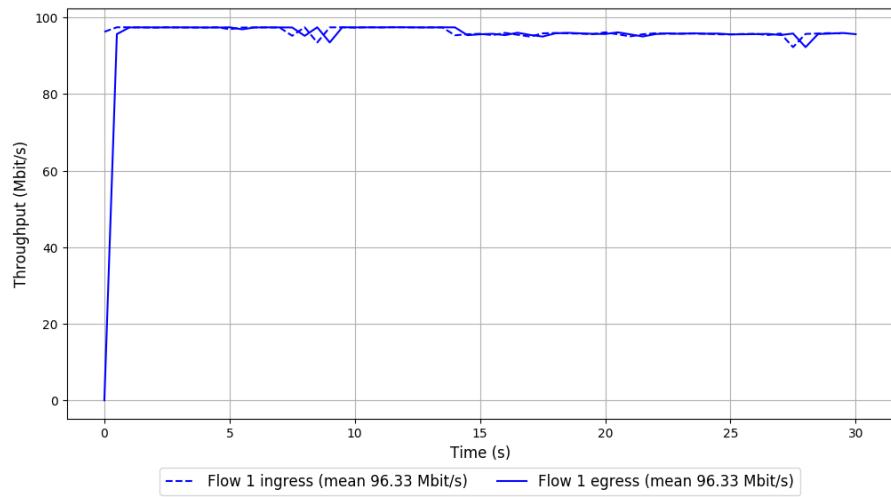


Run 9: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:55:42
End at: 2018-06-05 21:56:12
Local clock offset: -6.065 ms
Remote clock offset: -6.461 ms

# Below is generated by plot.py at 2018-06-05 22:51:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 3.556 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 3.556 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

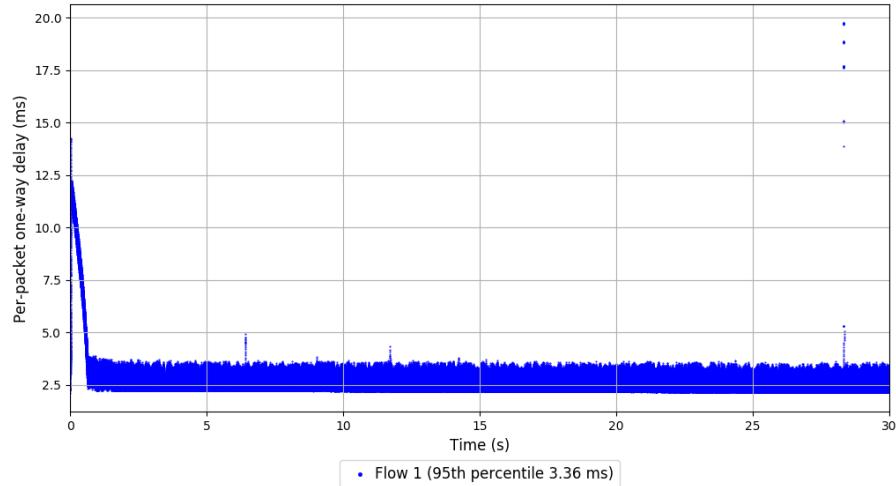
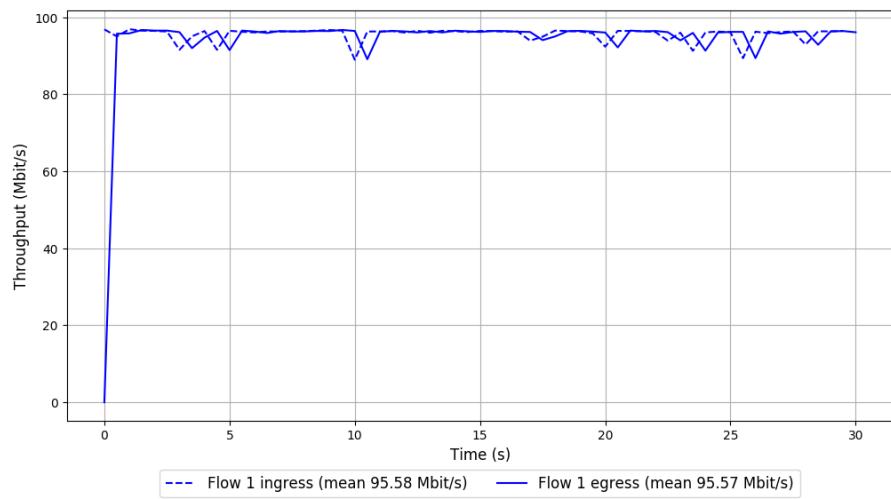


Run 10: Statistics of TCP Vegas

```
Start at: 2018-06-05 22:13:37
End at: 2018-06-05 22:14:07
Local clock offset: -2.381 ms
Remote clock offset: -7.019 ms

# Below is generated by plot.py at 2018-06-05 22:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 3.357 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 3.357 ms
Loss rate: 0.01%
```

Run 10: Report of TCP Vegas — Data Link

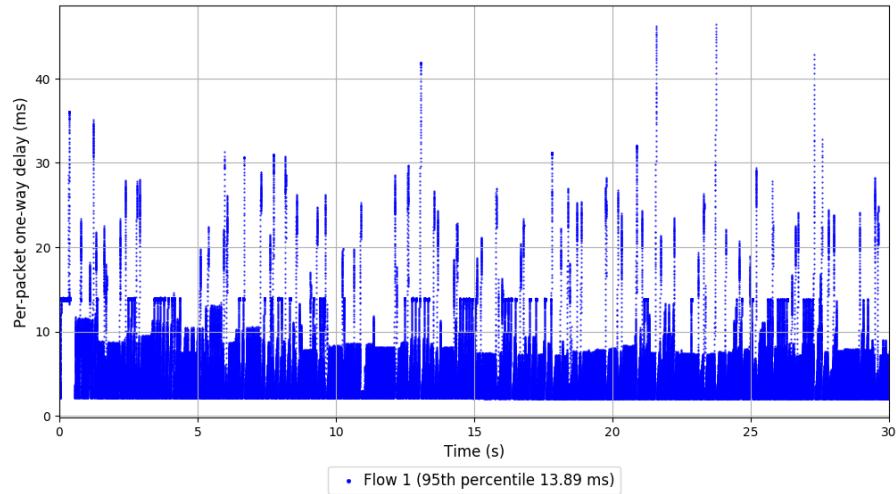
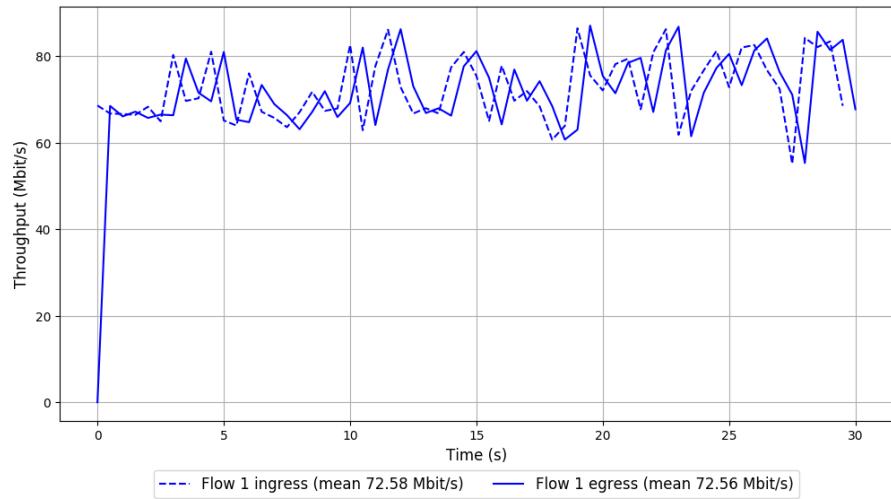


Run 1: Statistics of Verus

```
Start at: 2018-06-05 19:37:17
End at: 2018-06-05 19:37:47
Local clock offset: -3.138 ms
Remote clock offset: -2.369 ms

# Below is generated by plot.py at 2018-06-05 22:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 13.887 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 13.887 ms
Loss rate: 0.03%
```

Run 1: Report of Verus — Data Link

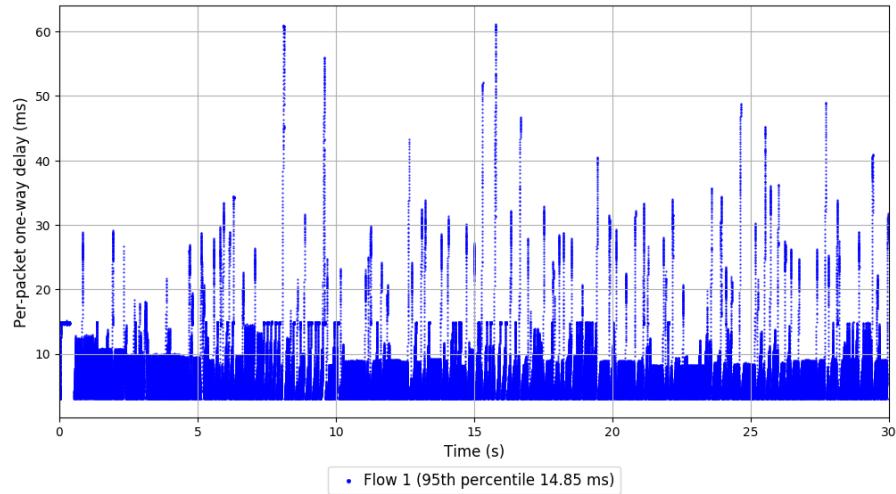
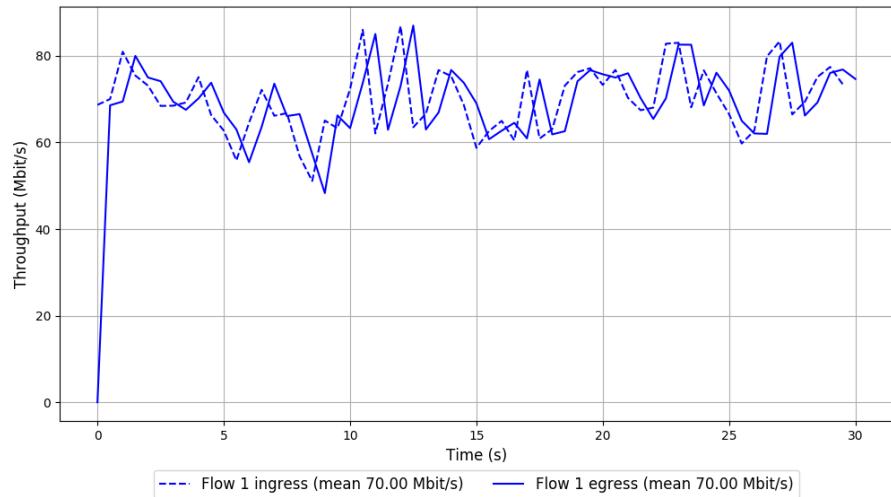


Run 2: Statistics of Verus

```
Start at: 2018-06-05 19:55:09
End at: 2018-06-05 19:55:39
Local clock offset: 1.292 ms
Remote clock offset: -1.464 ms

# Below is generated by plot.py at 2018-06-05 22:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 14.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 14.848 ms
Loss rate: 0.00%
```

Run 2: Report of Verus — Data Link

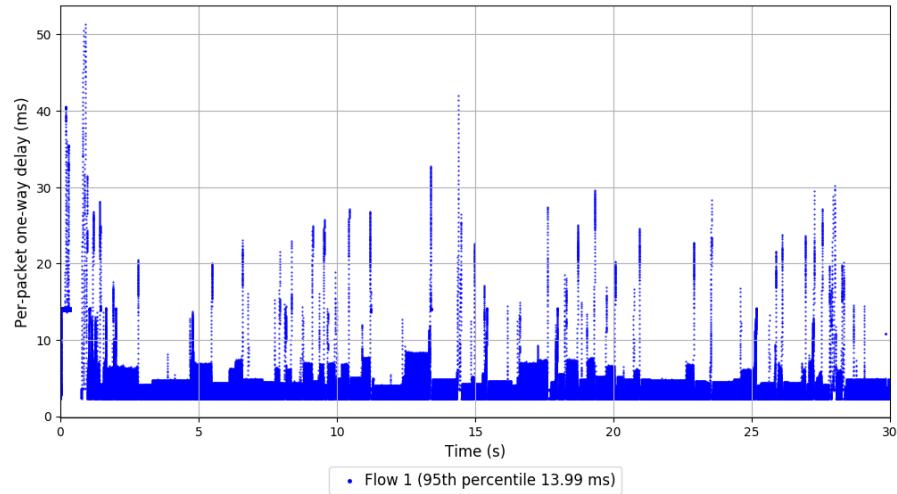
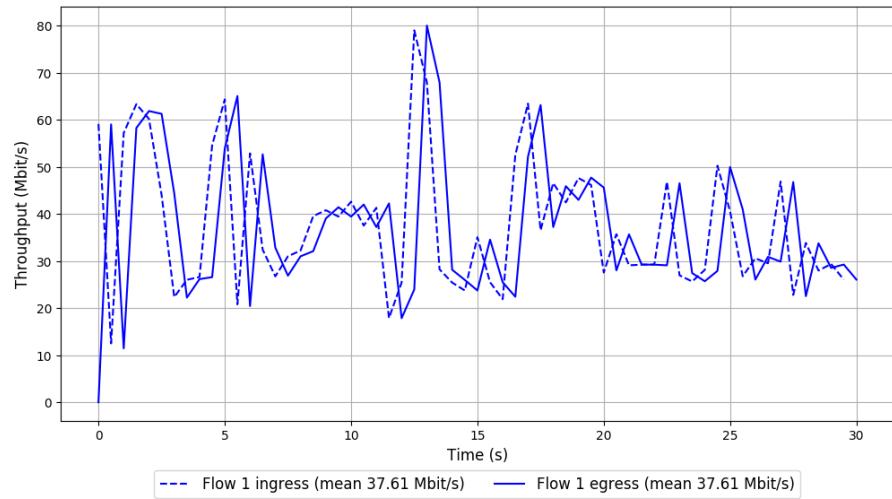


Run 3: Statistics of Verus

```
Start at: 2018-06-05 20:13:00
End at: 2018-06-05 20:13:30
Local clock offset: 2.077 ms
Remote clock offset: -1.329 ms

# Below is generated by plot.py at 2018-06-05 22:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 13.990 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 13.990 ms
Loss rate: 0.01%
```

Run 3: Report of Verus — Data Link

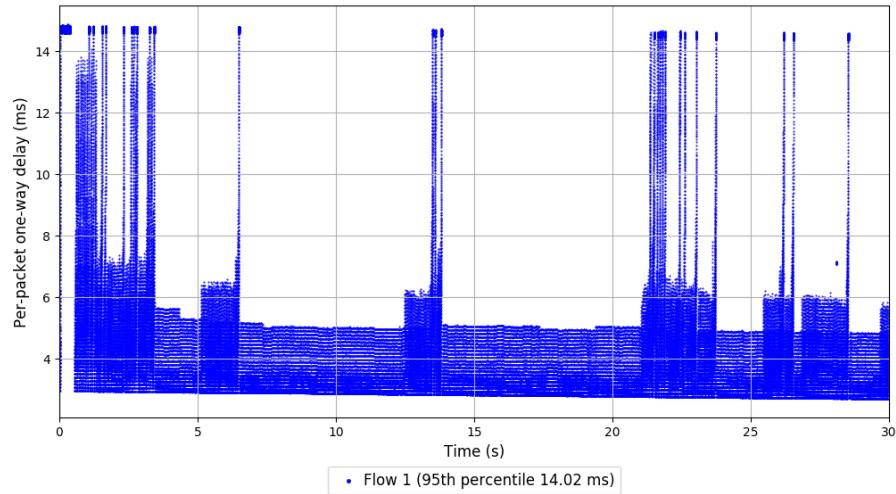
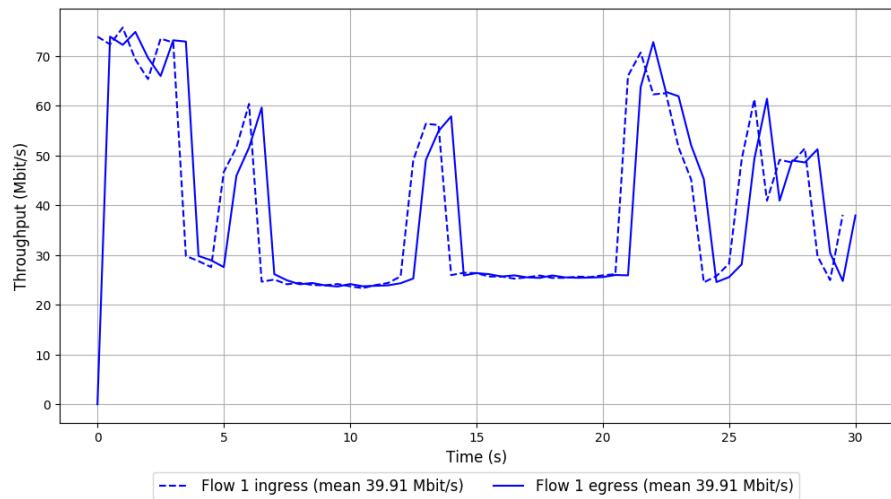


Run 4: Statistics of Verus

```
Start at: 2018-06-05 20:30:48
End at: 2018-06-05 20:31:18
Local clock offset: 4.147 ms
Remote clock offset: -3.569 ms

# Below is generated by plot.py at 2018-06-05 22:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 14.022 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 14.022 ms
Loss rate: 0.01%
```

Run 4: Report of Verus — Data Link

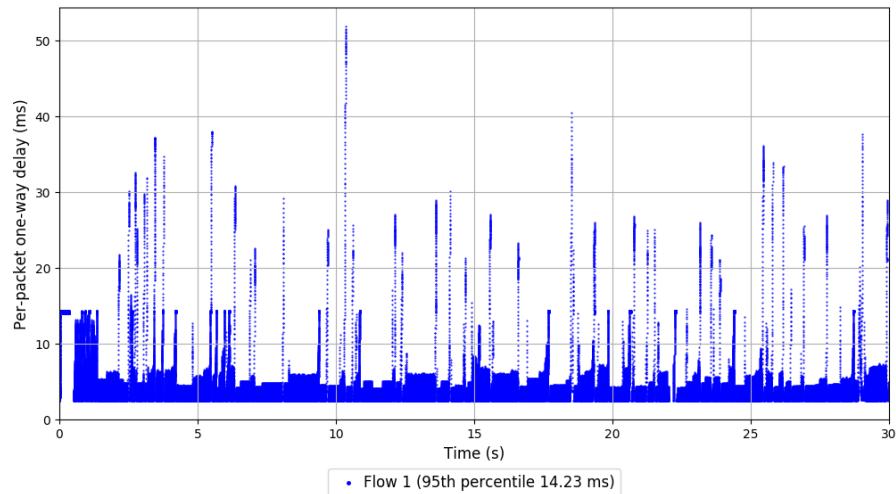
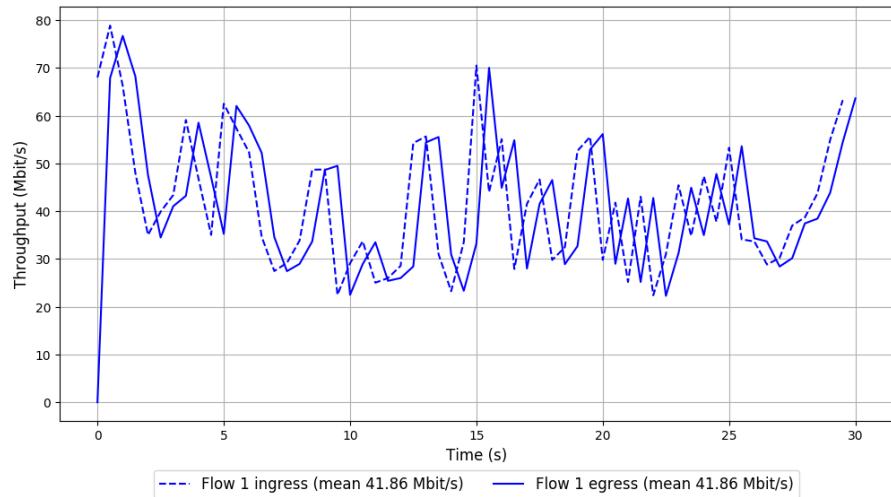


Run 5: Statistics of Verus

```
Start at: 2018-06-05 20:48:36
End at: 2018-06-05 20:49:06
Local clock offset: -4.595 ms
Remote clock offset: -7.927 ms

# Below is generated by plot.py at 2018-06-05 22:51:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 14.227 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 14.227 ms
Loss rate: 0.01%
```

Run 5: Report of Verus — Data Link

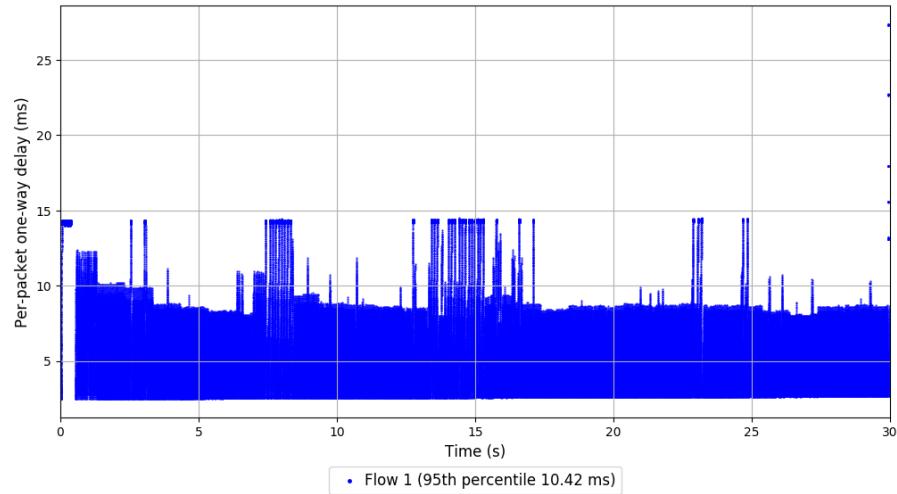
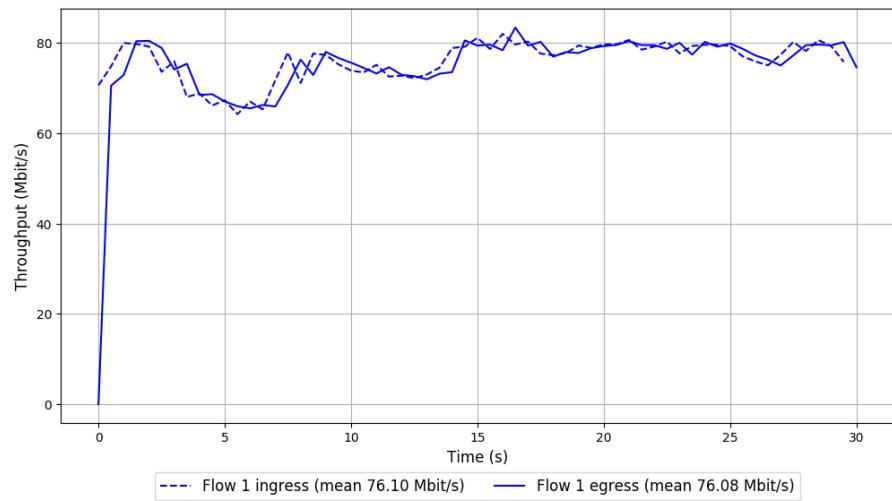


Run 6: Statistics of Verus

```
Start at: 2018-06-05 21:06:30
End at: 2018-06-05 21:07:00
Local clock offset: -6.951 ms
Remote clock offset: -5.681 ms

# Below is generated by plot.py at 2018-06-05 22:52:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 10.421 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 10.421 ms
Loss rate: 0.04%
```

Run 6: Report of Verus — Data Link

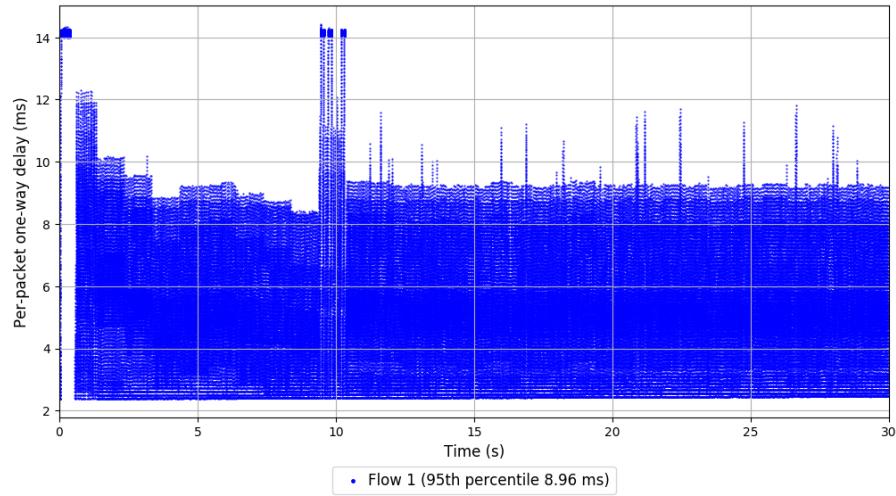
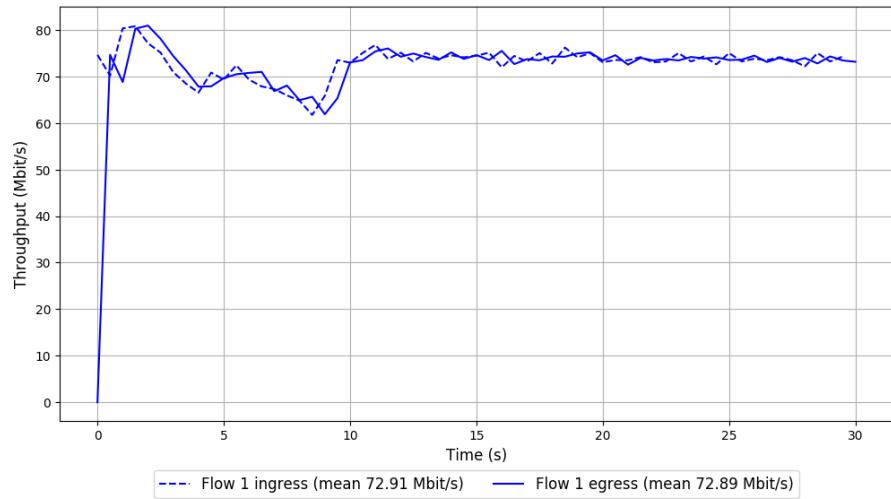


Run 7: Statistics of Verus

```
Start at: 2018-06-05 21:24:22
End at: 2018-06-05 21:24:53
Local clock offset: -6.822 ms
Remote clock offset: -1.496 ms

# Below is generated by plot.py at 2018-06-05 22:52:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 8.957 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 8.957 ms
Loss rate: 0.04%
```

Run 7: Report of Verus — Data Link

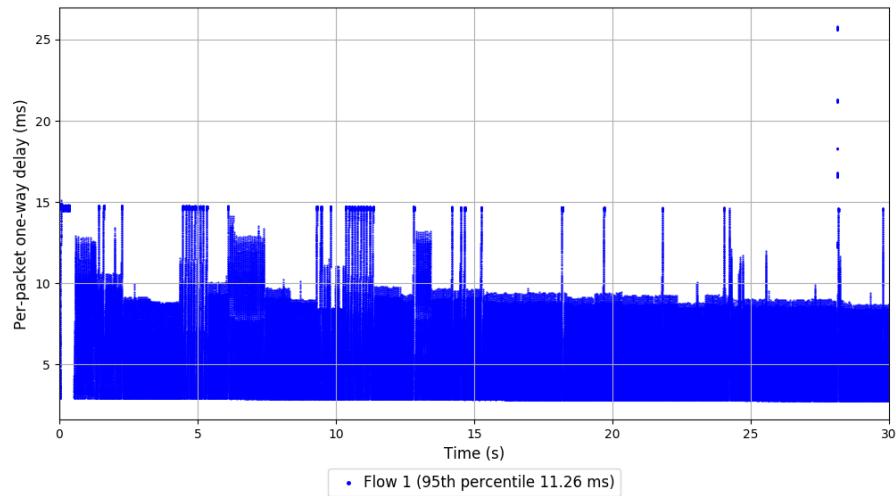
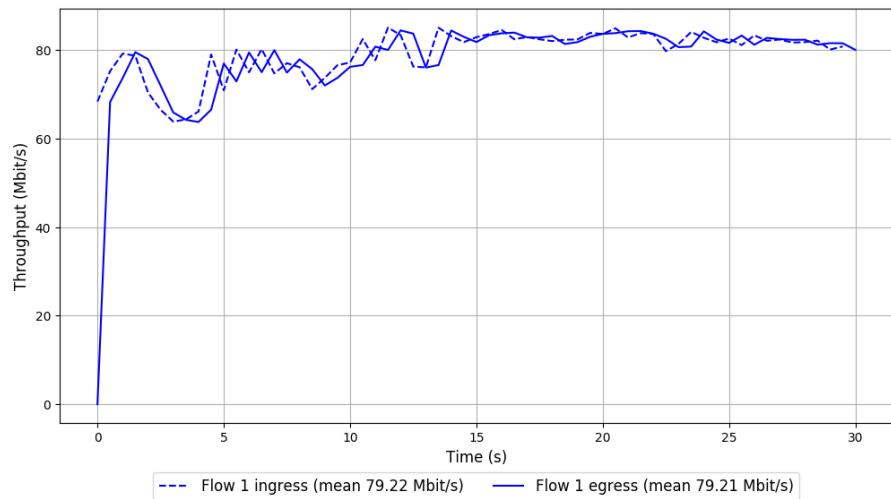


Run 8: Statistics of Verus

```
Start at: 2018-06-05 21:42:17
End at: 2018-06-05 21:42:47
Local clock offset: -5.568 ms
Remote clock offset: -4.088 ms

# Below is generated by plot.py at 2018-06-05 22:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 11.264 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 11.264 ms
Loss rate: 0.02%
```

Run 8: Report of Verus — Data Link

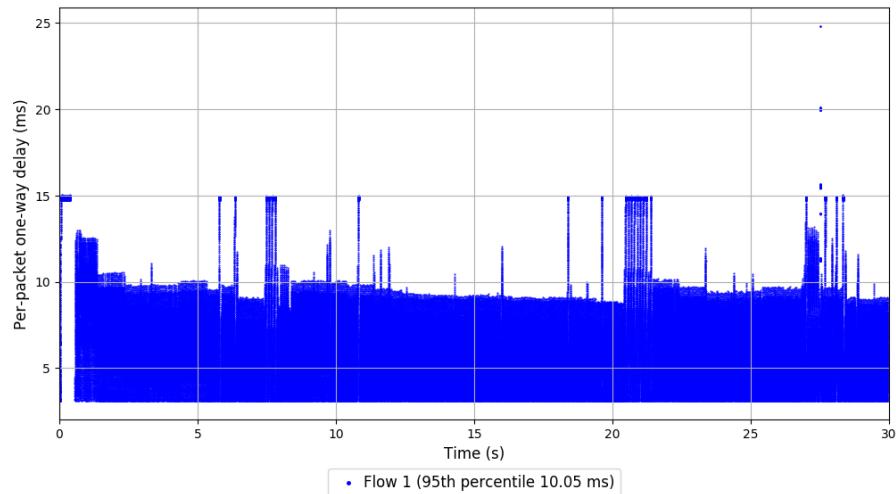
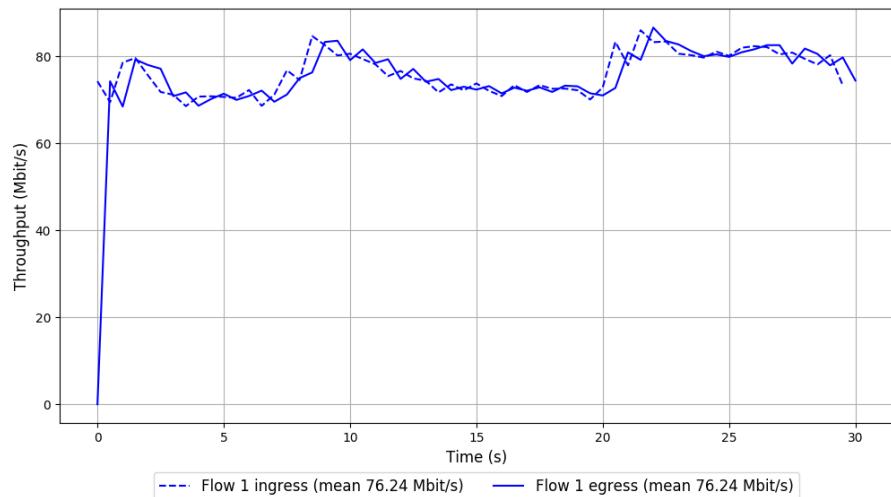


Run 9: Statistics of Verus

```
Start at: 2018-06-05 22:00:13
End at: 2018-06-05 22:00:43
Local clock offset: -5.37 ms
Remote clock offset: -6.769 ms

# Below is generated by plot.py at 2018-06-05 22:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 10.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 10.048 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

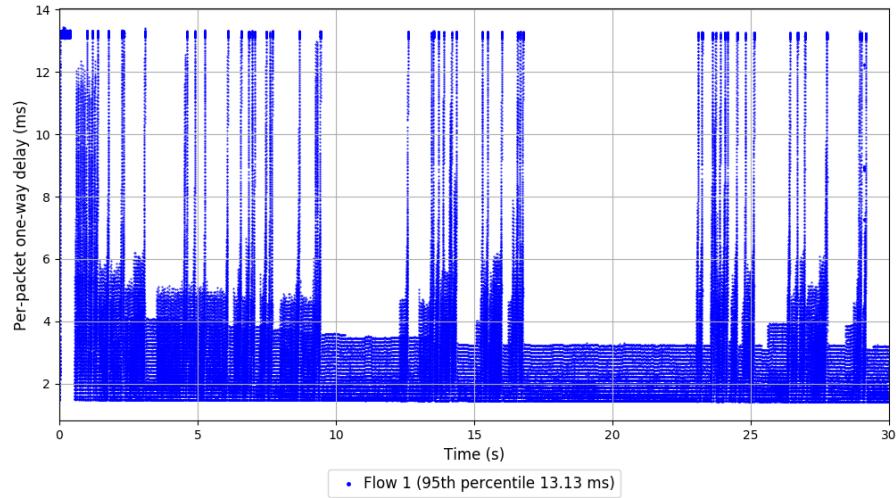
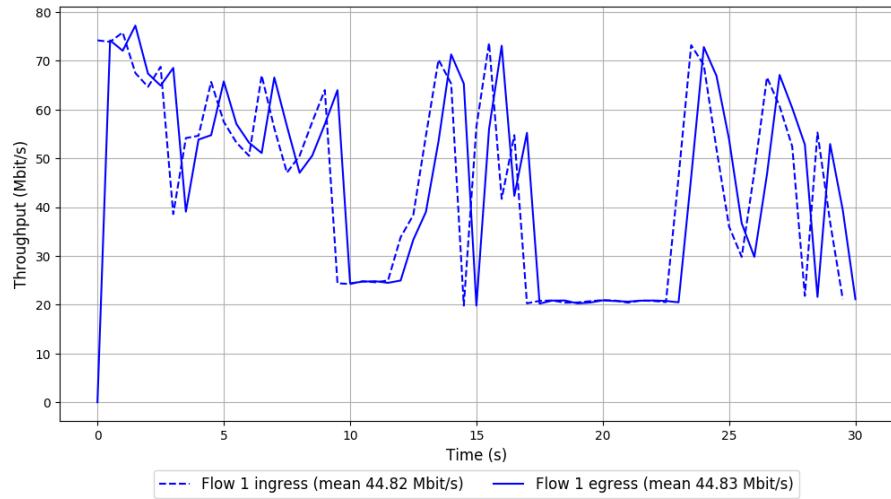


Run 10: Statistics of Verus

```
Start at: 2018-06-05 22:18:08
End at: 2018-06-05 22:18:38
Local clock offset: -2.289 ms
Remote clock offset: -6.992 ms

# Below is generated by plot.py at 2018-06-05 22:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 13.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 13.134 ms
Loss rate: 0.00%
```

Run 10: Report of Verus — Data Link

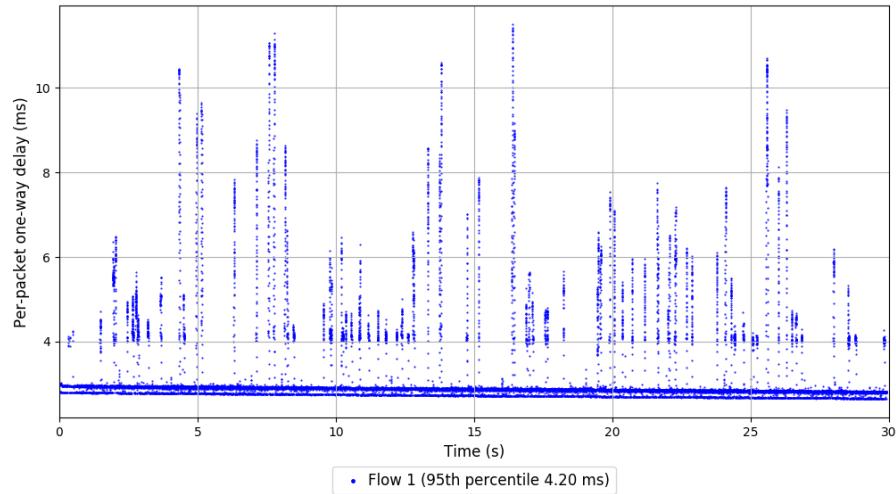
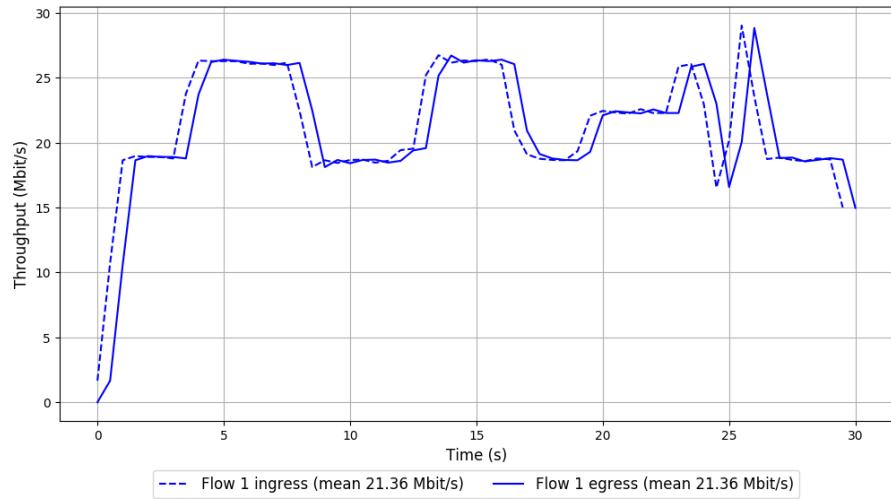


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2018-06-05 19:36:12
End at: 2018-06-05 19:36:43
Local clock offset: -2.807 ms
Remote clock offset: -2.528 ms

# Below is generated by plot.py at 2018-06-05 22:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 4.199 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 4.199 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

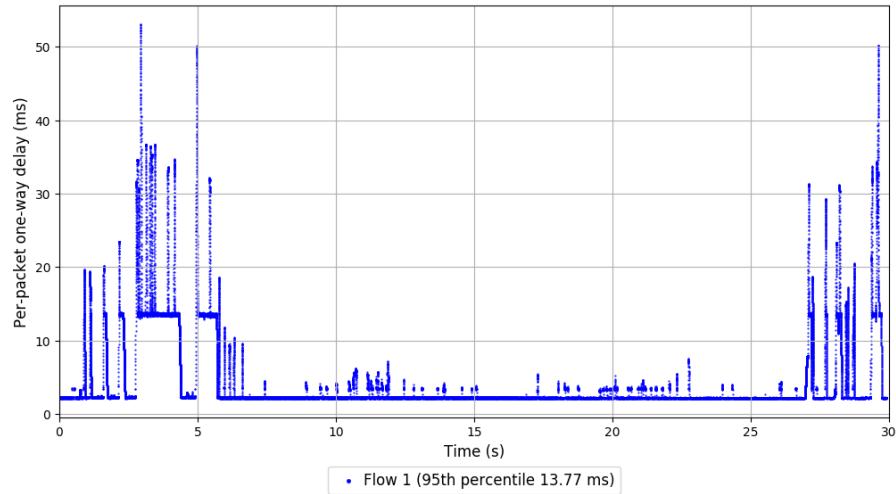
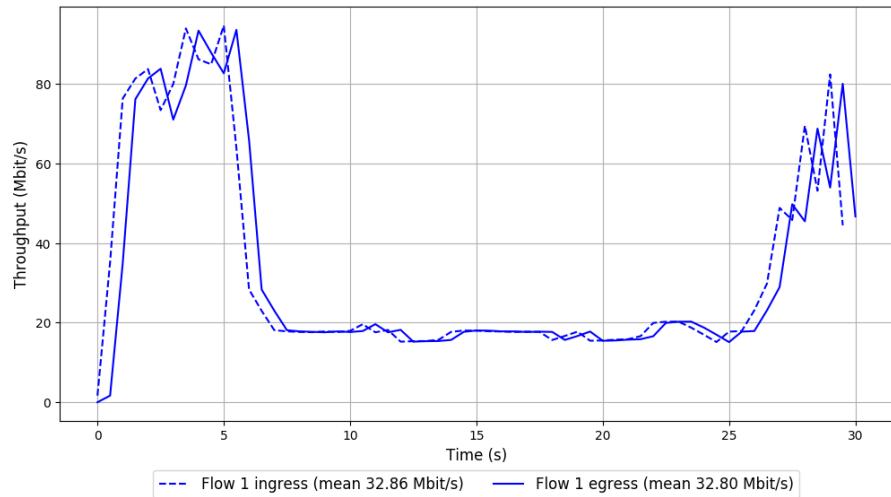


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-06-05 19:54:03
End at: 2018-06-05 19:54:33
Local clock offset: 0.407 ms
Remote clock offset: -1.462 ms

# Below is generated by plot.py at 2018-06-05 22:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 13.768 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 13.768 ms
Loss rate: 0.19%
```

Run 2: Report of PCC-Vivace — Data Link

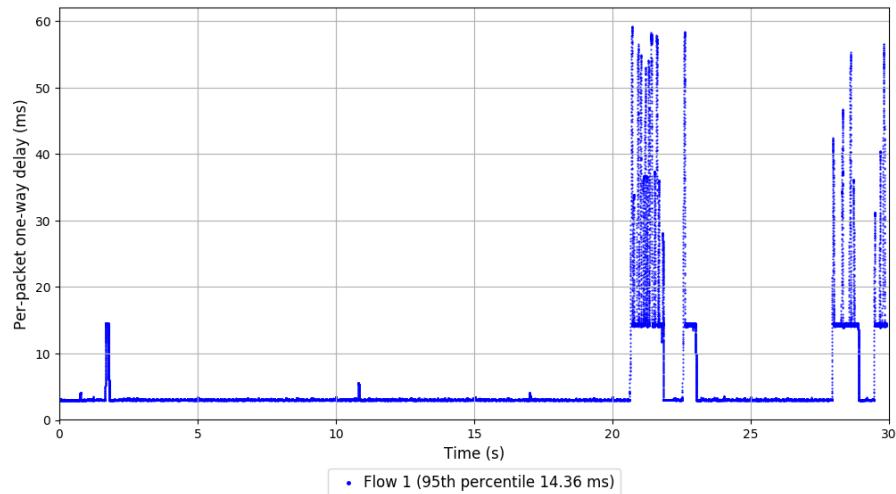
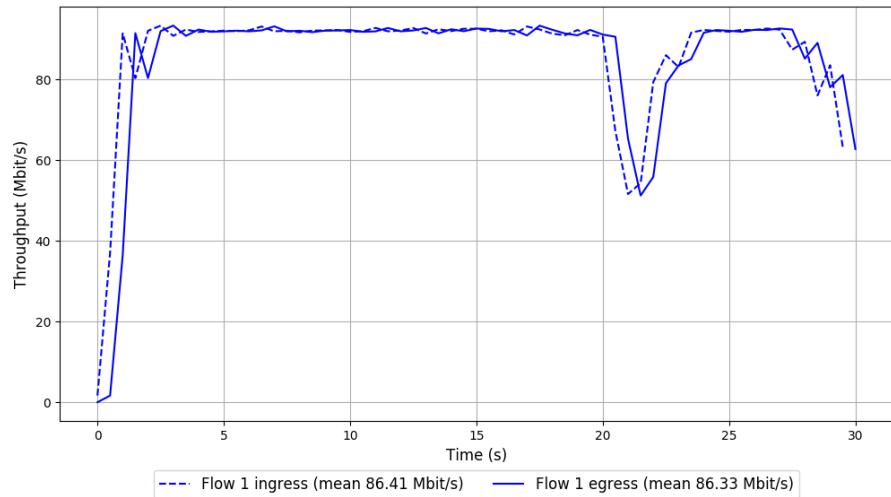


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:11:52
End at: 2018-06-05 20:12:22
Local clock offset: 2.757 ms
Remote clock offset: -1.343 ms

# Below is generated by plot.py at 2018-06-05 22:52:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 14.362 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 14.362 ms
Loss rate: 0.11%
```

Run 3: Report of PCC-Vivace — Data Link

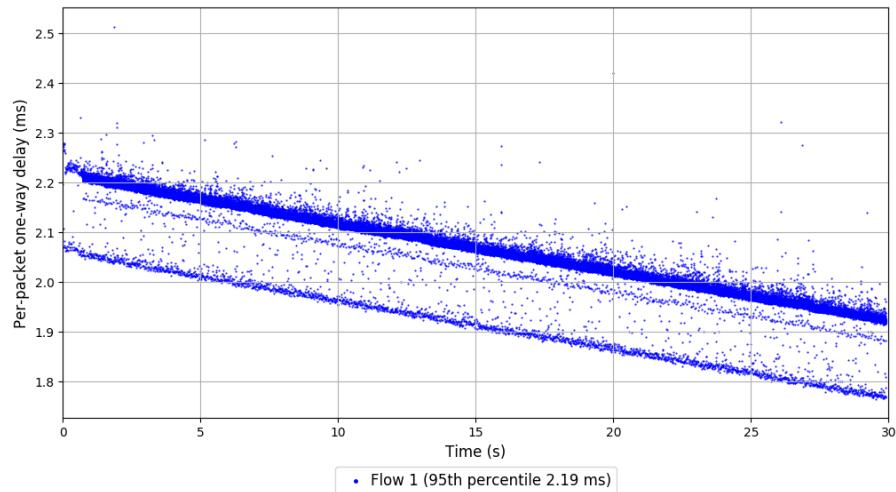
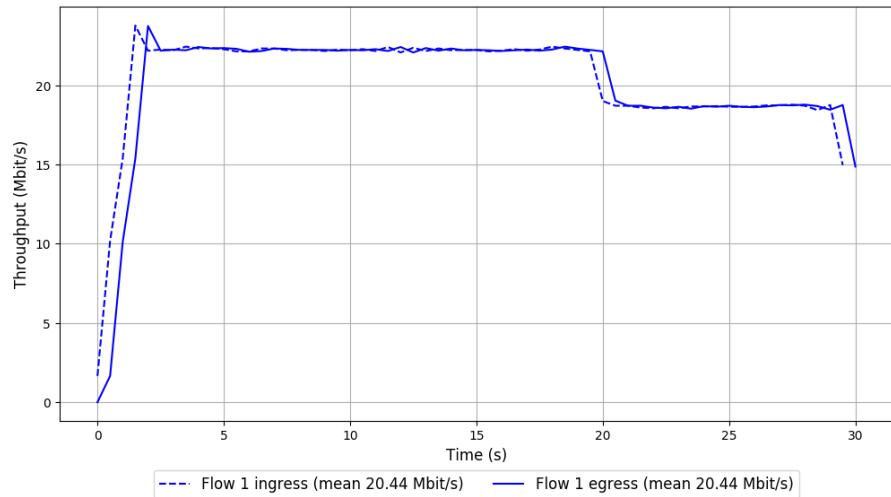


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:29:44
End at: 2018-06-05 20:30:14
Local clock offset: 3.315 ms
Remote clock offset: -3.025 ms

# Below is generated by plot.py at 2018-06-05 22:52:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 2.193 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 2.193 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Vivace — Data Link

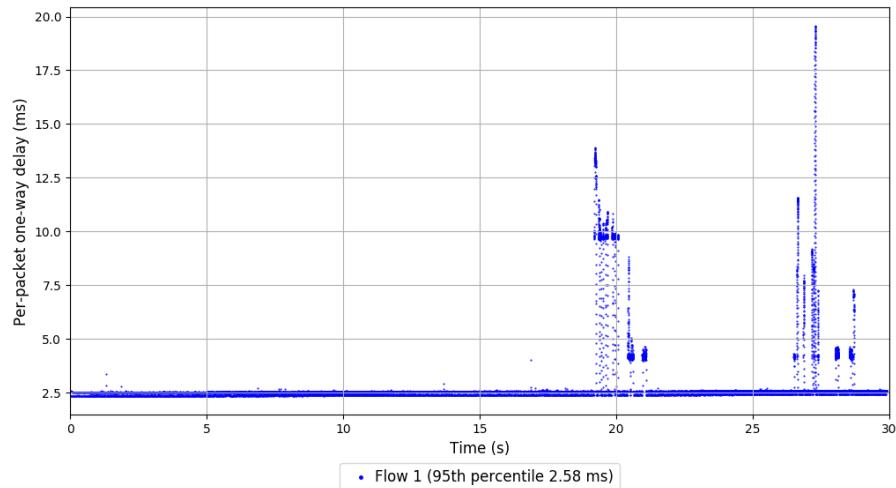
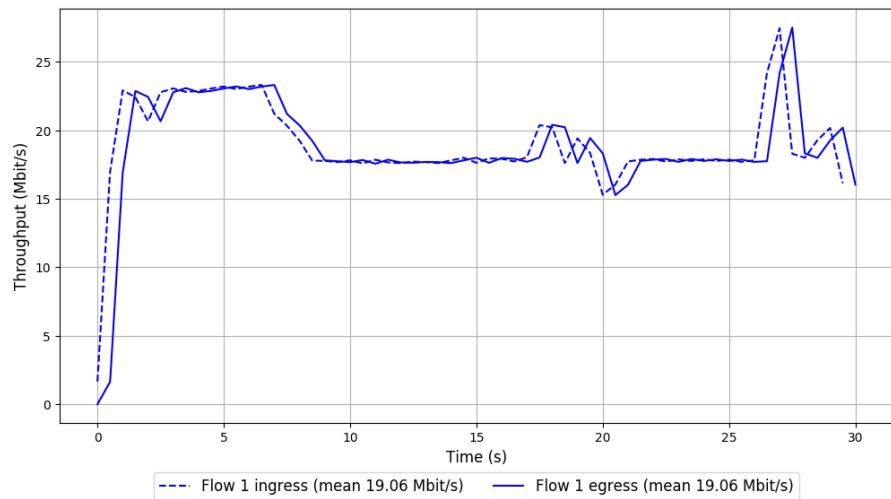


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:47:32
End at: 2018-06-05 20:48:02
Local clock offset: -4.214 ms
Remote clock offset: -7.748 ms

# Below is generated by plot.py at 2018-06-05 22:52:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 2.583 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 2.583 ms
Loss rate: 0.02%
```

Run 5: Report of PCC-Vivace — Data Link

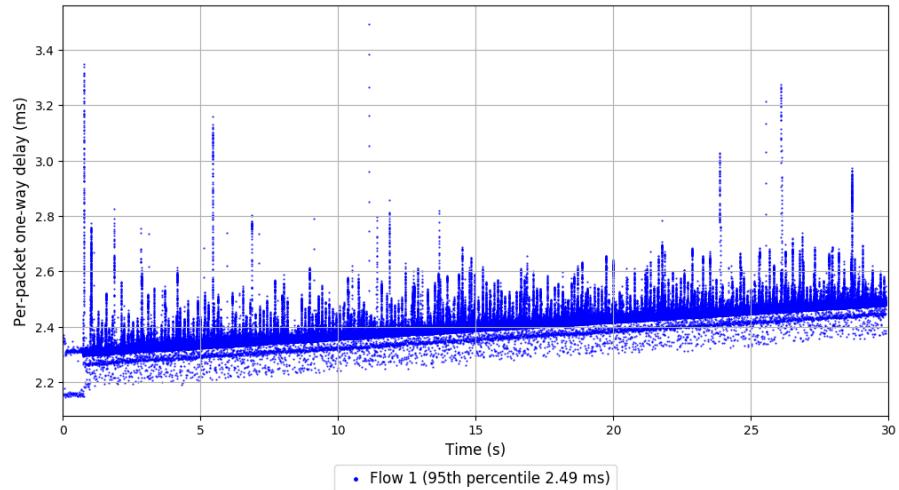
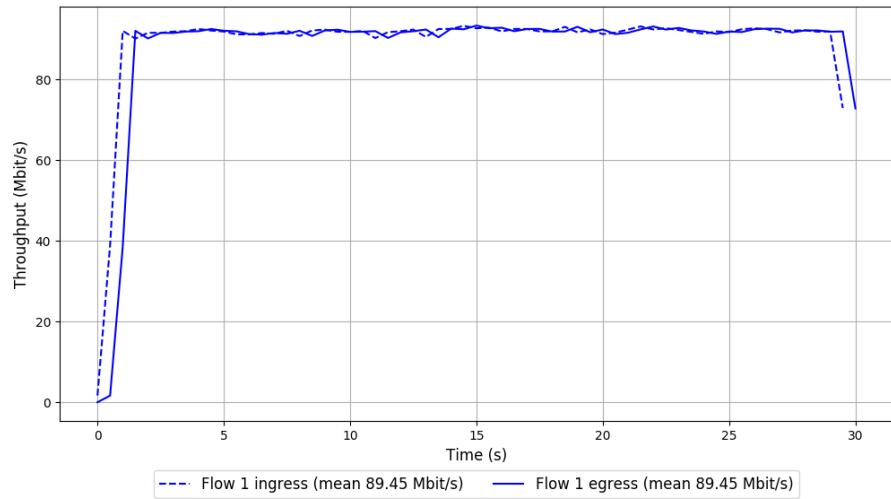


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:05:22
End at: 2018-06-05 21:05:52
Local clock offset: -7.08 ms
Remote clock offset: -6.058 ms

# Below is generated by plot.py at 2018-06-05 22:52:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 2.490 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 2.490 ms
Loss rate: 0.01%
```

Run 6: Report of PCC-Vivace — Data Link

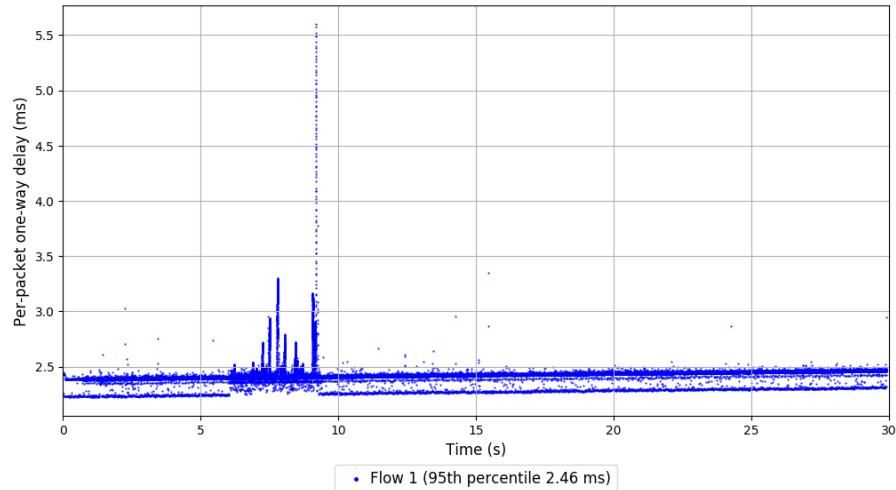
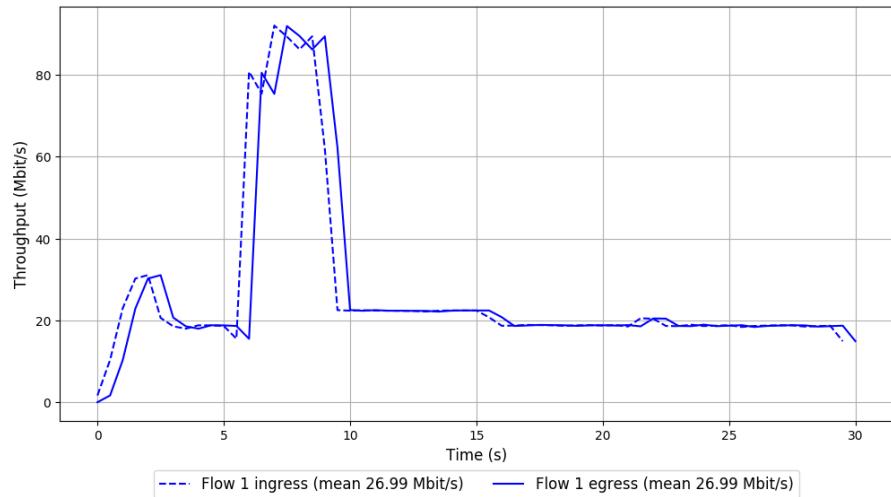


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:23:18
End at: 2018-06-05 21:23:48
Local clock offset: -6.774 ms
Remote clock offset: -1.623 ms

# Below is generated by plot.py at 2018-06-05 22:52:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Vivace — Data Link

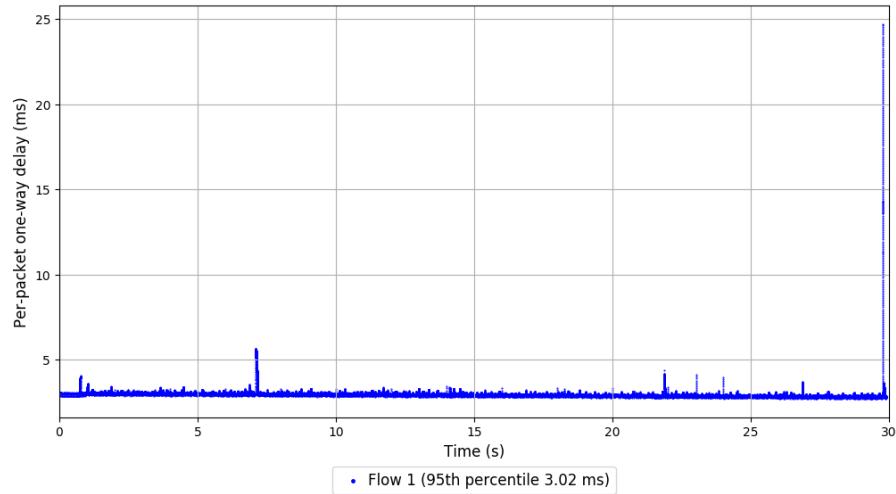
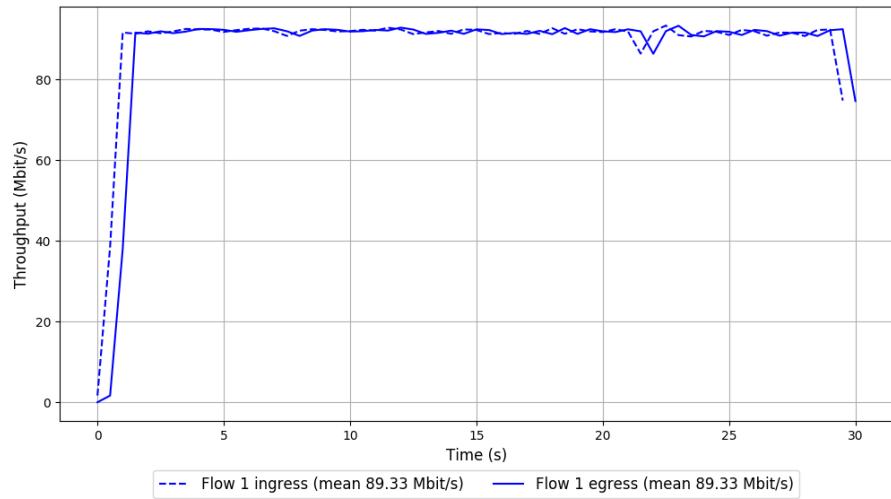


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:41:09
End at: 2018-06-05 21:41:39
Local clock offset: -5.613 ms
Remote clock offset: -3.769 ms

# Below is generated by plot.py at 2018-06-05 22:53:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 3.022 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 3.022 ms
Loss rate: 0.01%
```

Run 8: Report of PCC-Vivace — Data Link

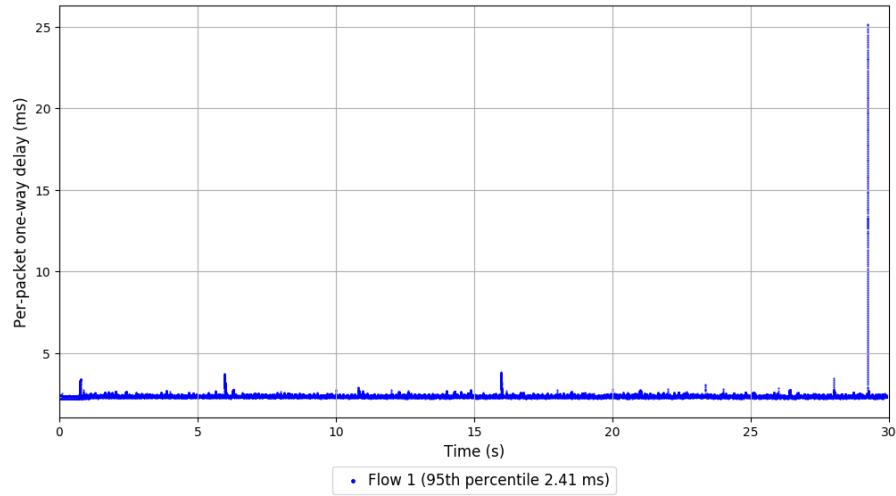
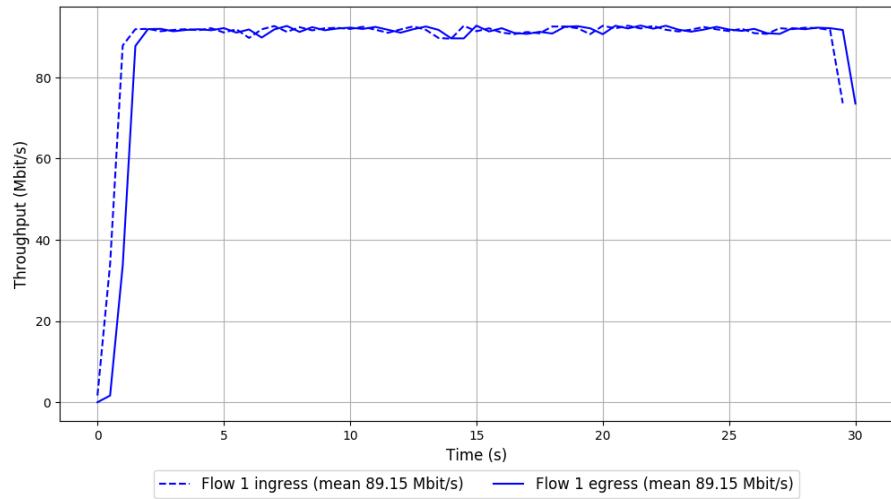


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:59:05
End at: 2018-06-05 21:59:35
Local clock offset: -6.14 ms
Remote clock offset: -6.736 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 2.411 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 2.411 ms
Loss rate: 0.01%
```

Run 9: Report of PCC-Vivace — Data Link

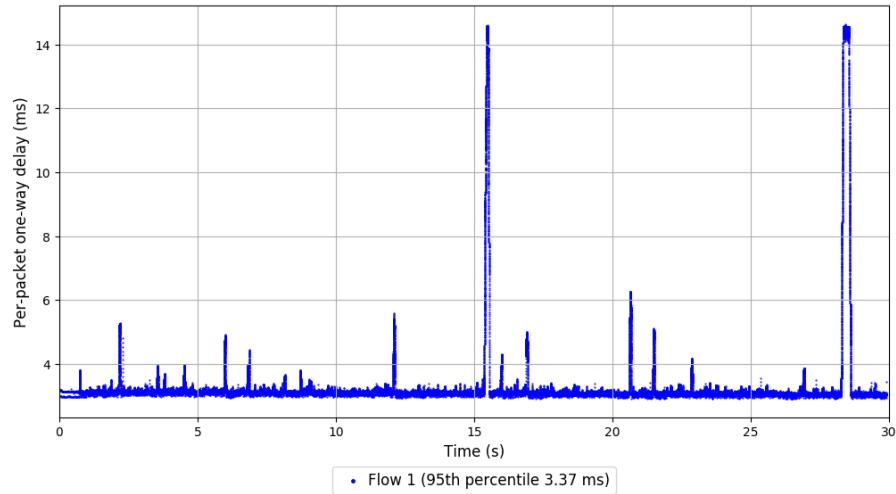
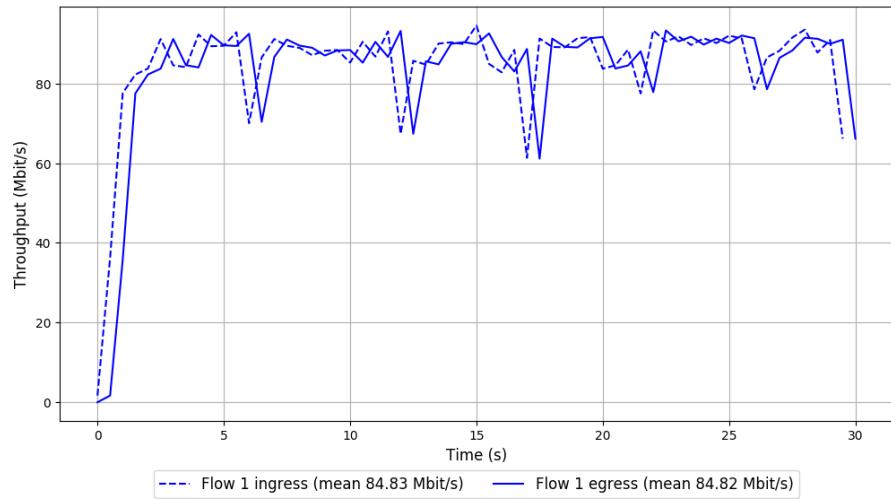


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-06-05 22:17:00
End at: 2018-06-05 22:17:30
Local clock offset: -0.9 ms
Remote clock offset: -7.075 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 3.368 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 3.368 ms
Loss rate: 0.01%
```

Run 10: Report of PCC-Vivace — Data Link

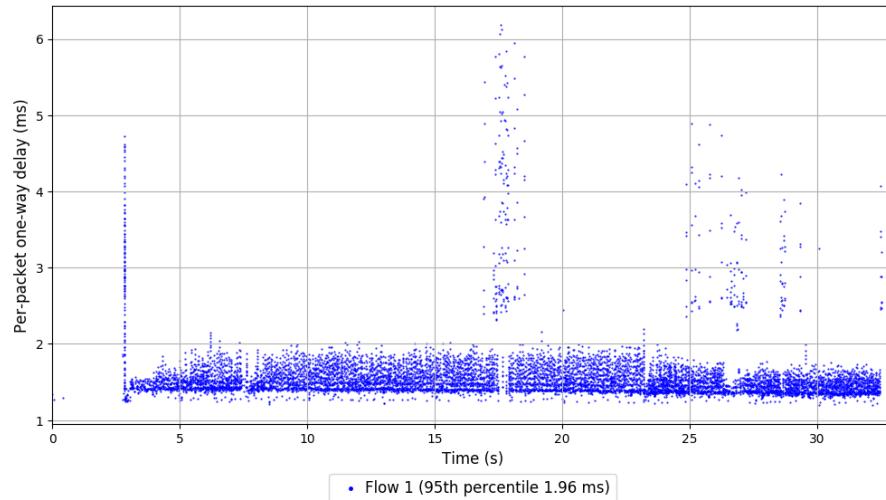
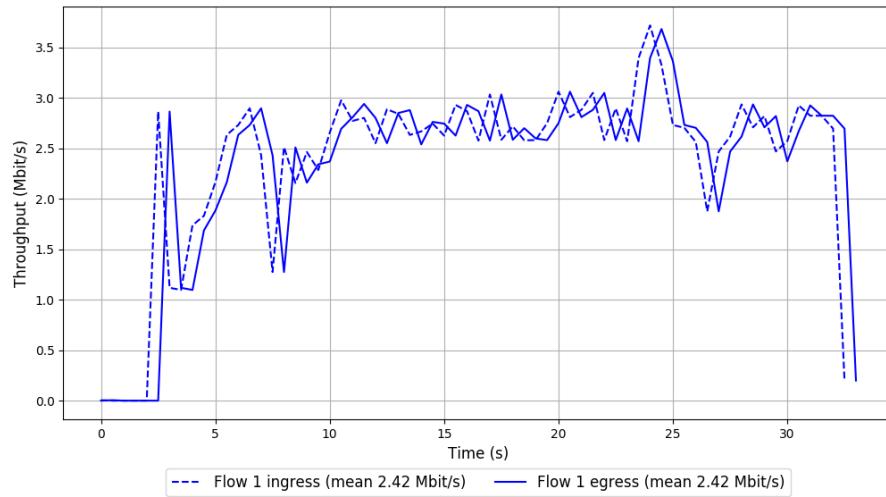


```
Run 1: Statistics of WebRTC media

Start at: 2018-06-05 19:43:56
End at: 2018-06-05 19:44:26
Local clock offset: -2.013 ms
Remote clock offset: -1.808 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 1.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 1.958 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

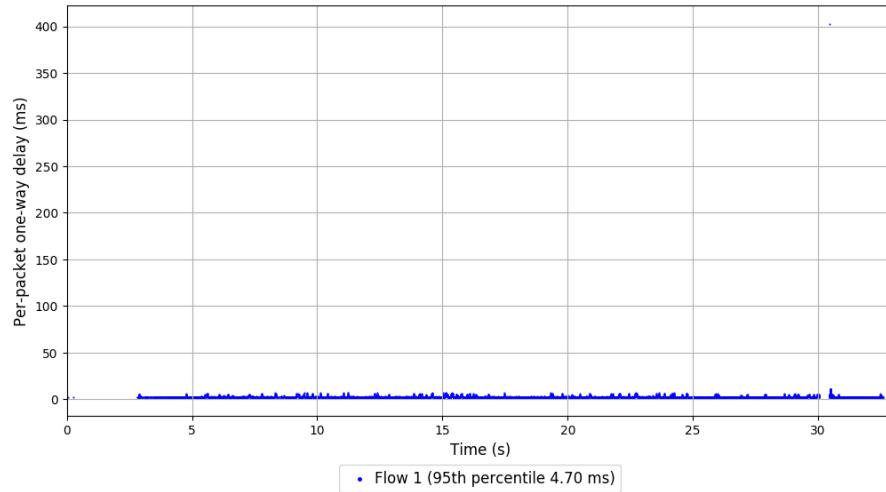
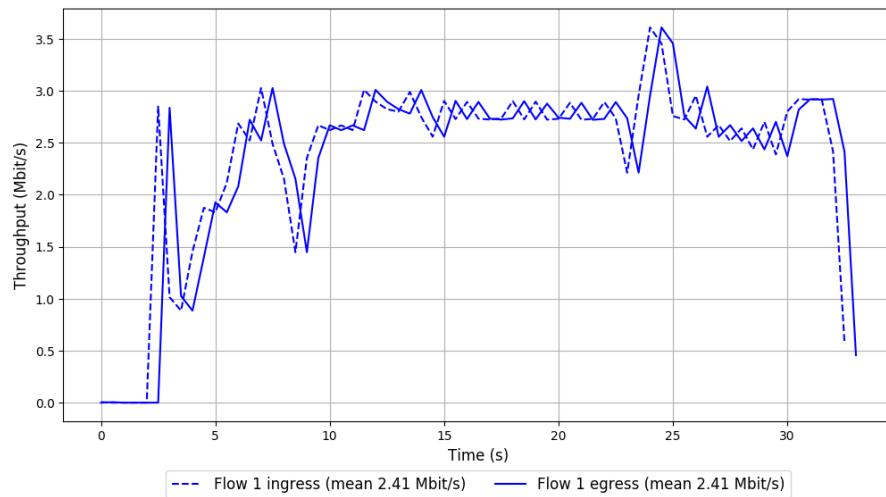


Run 2: Statistics of WebRTC media

```
Start at: 2018-06-05 20:01:48
End at: 2018-06-05 20:02:18
Local clock offset: 1.162 ms
Remote clock offset: -1.527 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 4.704 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 4.704 ms
Loss rate: 0.08%
```

Run 2: Report of WebRTC media — Data Link

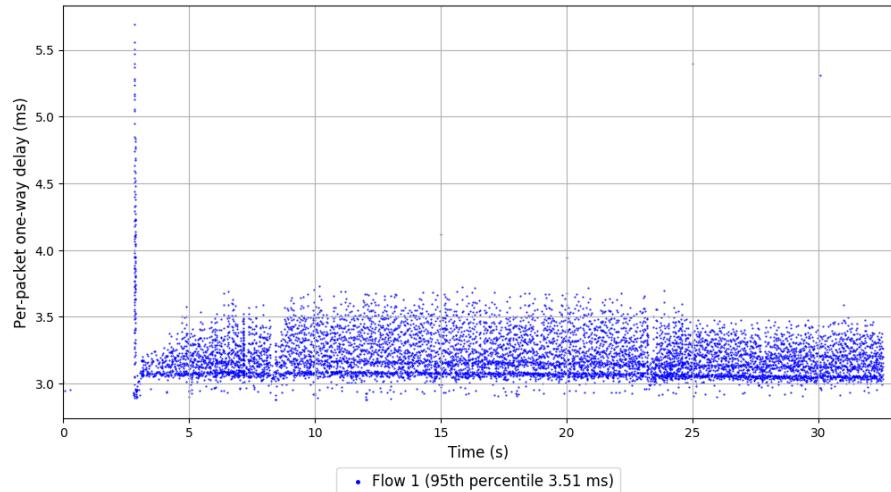
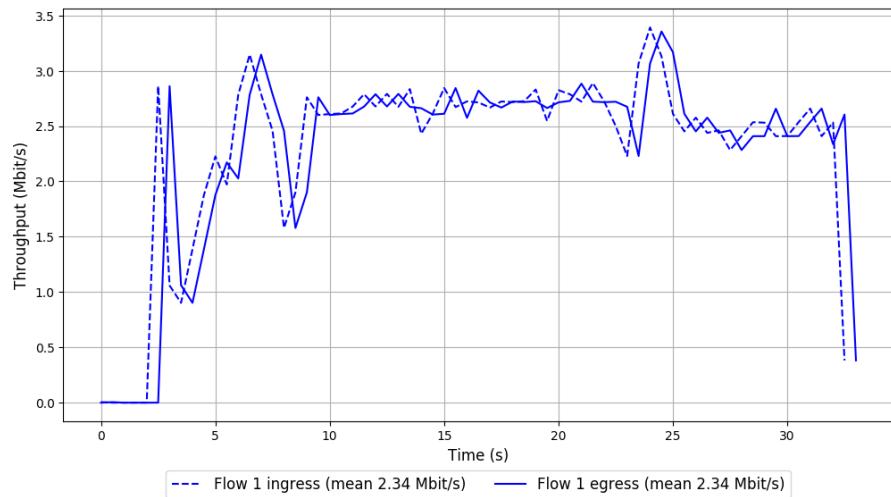


Run 3: Statistics of WebRTC media

```
Start at: 2018-06-05 20:19:38
End at: 2018-06-05 20:20:08
Local clock offset: 3.339 ms
Remote clock offset: -1.206 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.509 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

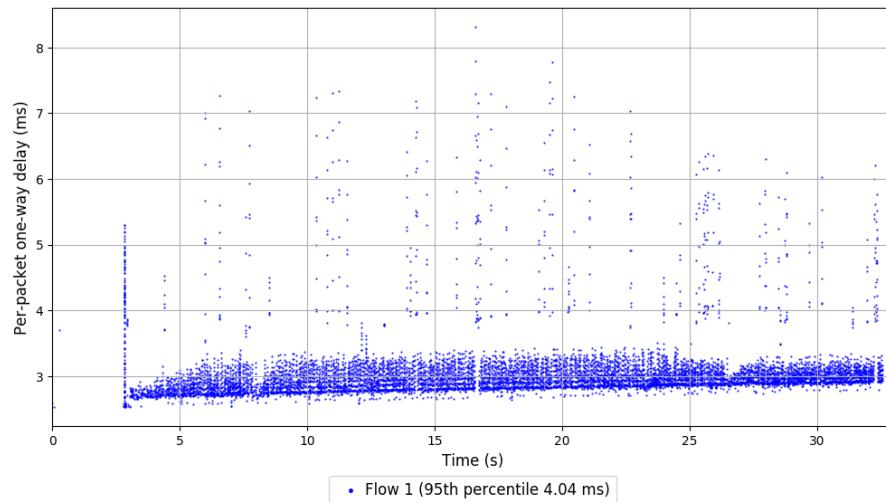
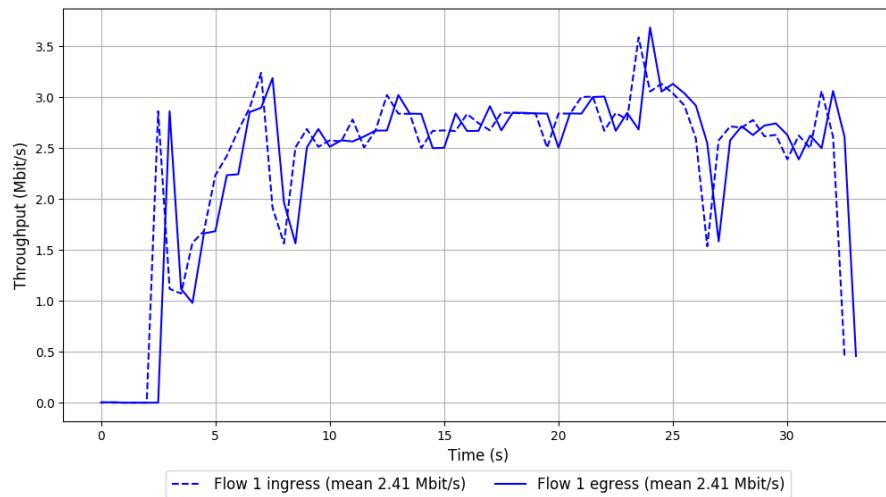


Run 4: Statistics of WebRTC media

```
Start at: 2018-06-05 20:37:25
End at: 2018-06-05 20:37:55
Local clock offset: 0.672 ms
Remote clock offset: -5.947 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 4.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 4.037 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

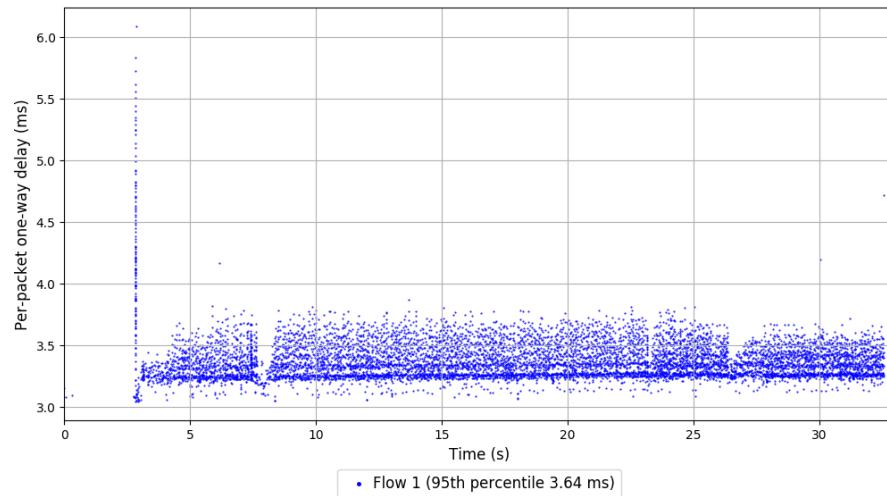
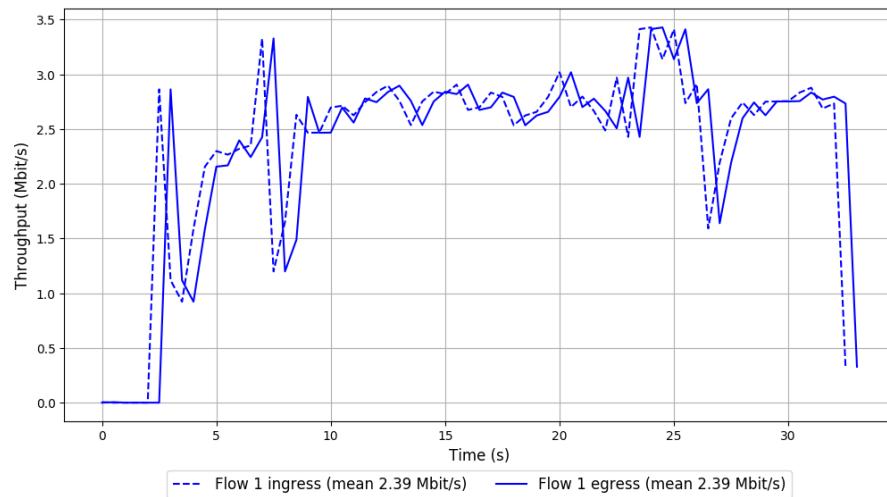


```
Run 5: Statistics of WebRTC media

Start at: 2018-06-05 20:55:14
End at: 2018-06-05 20:55:44
Local clock offset: -5.205 ms
Remote clock offset: -8.57 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

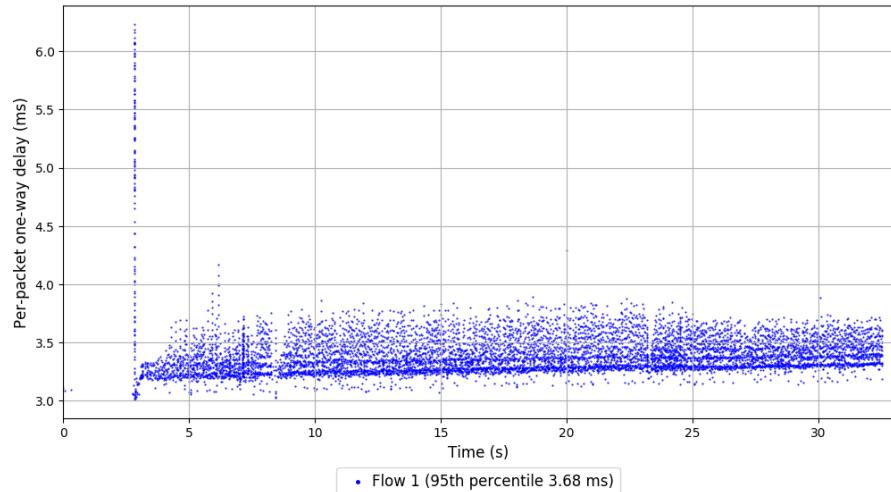
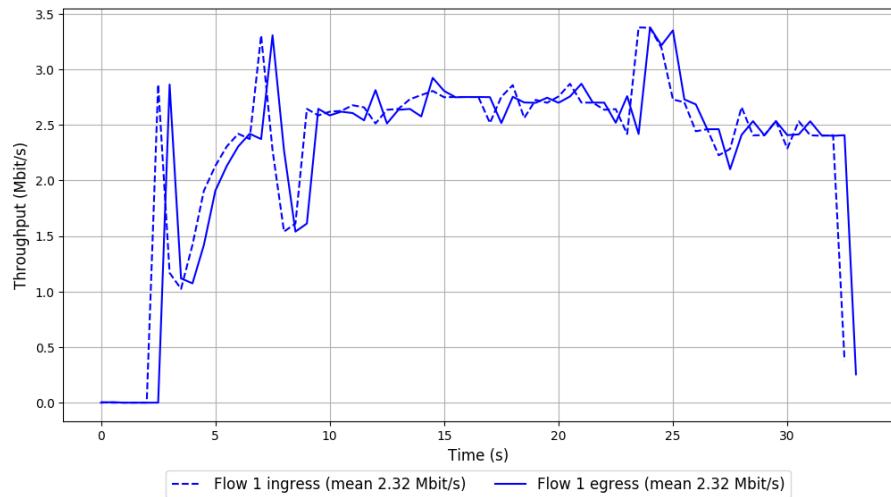


```
Run 6: Statistics of WebRTC media

Start at: 2018-06-05 21:13:10
End at: 2018-06-05 21:13:40
Local clock offset: -5.835 ms
Remote clock offset: -3.382 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.680 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.680 ms
Loss rate: 0.08%
```

Run 6: Report of WebRTC media — Data Link

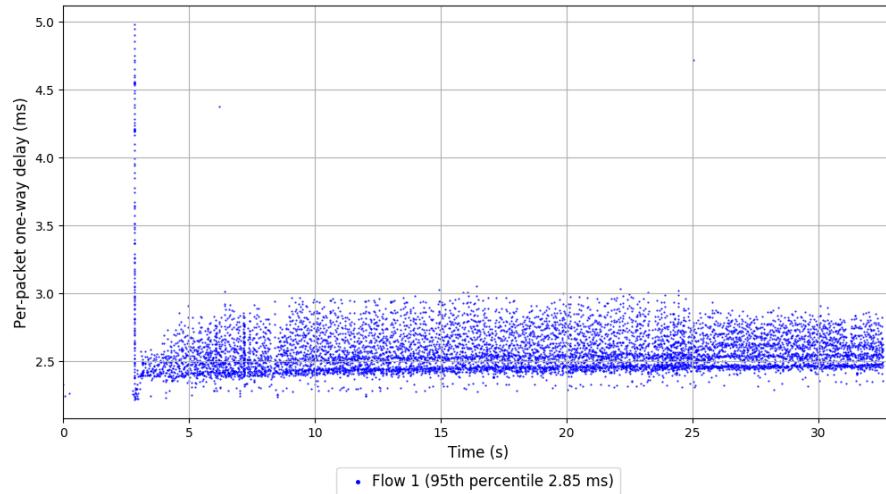
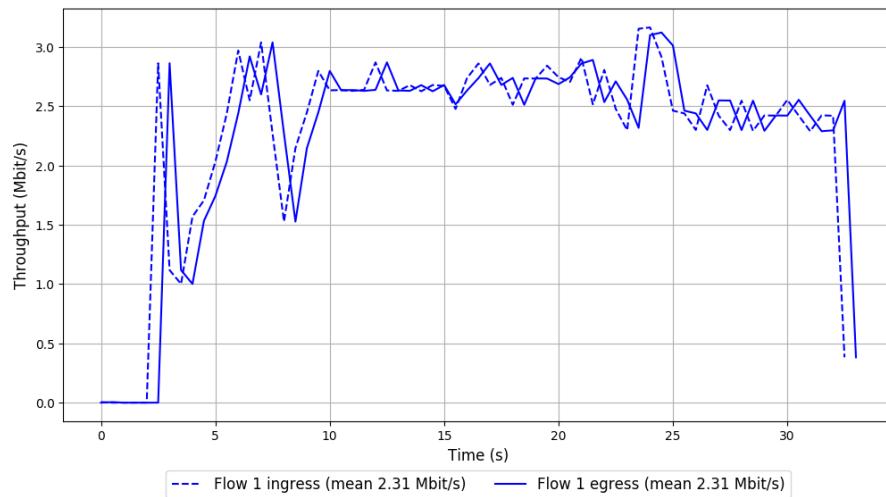


```
Run 7: Statistics of WebRTC media

Start at: 2018-06-05 21:31:02
End at: 2018-06-05 21:31:32
Local clock offset: -7.155 ms
Remote clock offset: -0.809 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.845 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.845 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

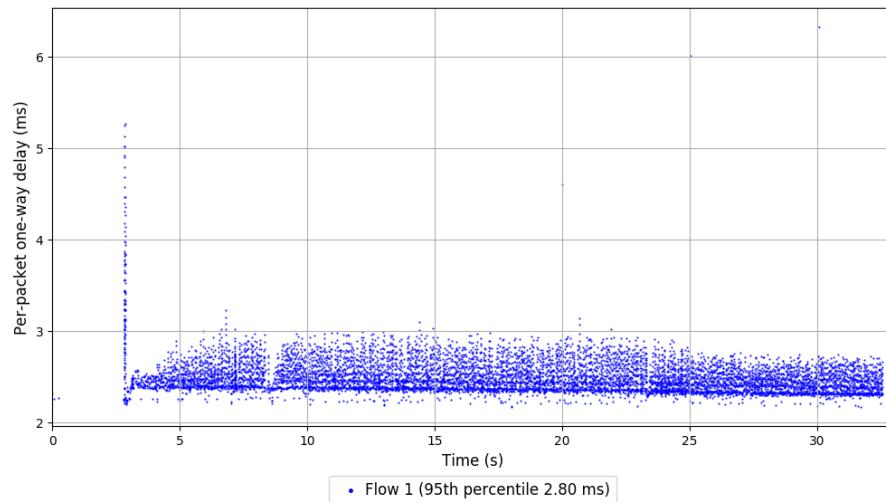
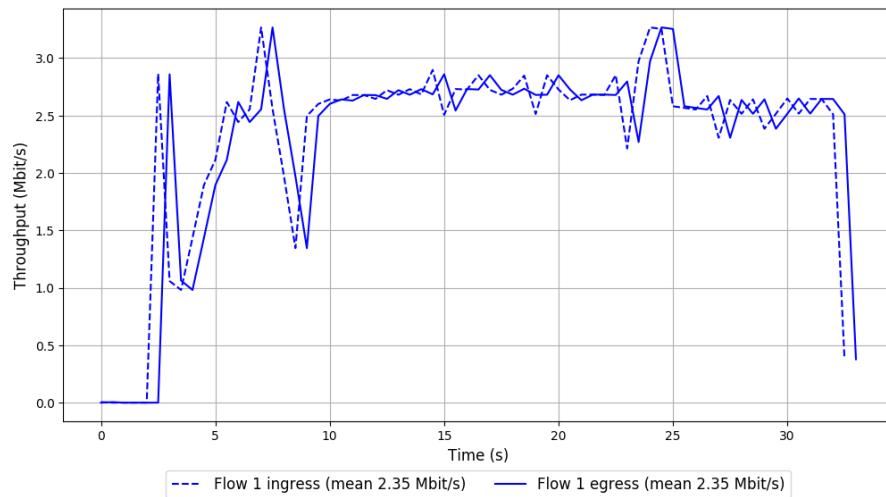


```
Run 8: Statistics of WebRTC media

Start at: 2018-06-05 21:48:57
End at: 2018-06-05 21:49:27
Local clock offset: -6.044 ms
Remote clock offset: -5.702 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.804 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

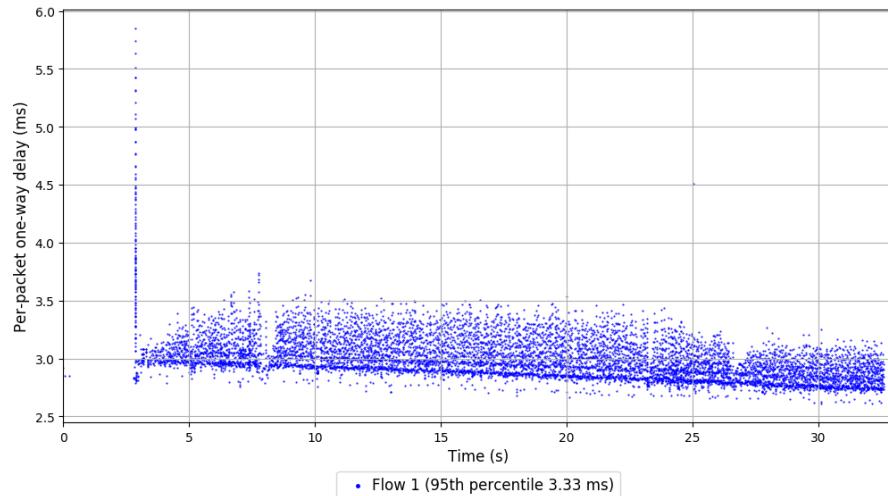
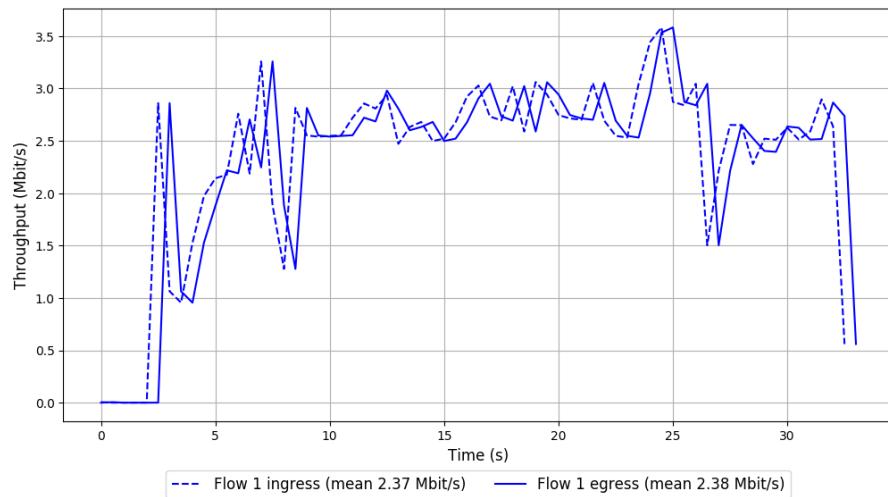


```
Run 9: Statistics of WebRTC media

Start at: 2018-06-05 22:06:52
End at: 2018-06-05 22:07:22
Local clock offset: -3.895 ms
Remote clock offset: -7.091 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 3.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 3.331 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: 2018-06-05 22:24:46
End at: 2018-06-05 22:25:16
Local clock offset: -0.637 ms
Remote clock offset: -7.025 ms

# Below is generated by plot.py at 2018-06-05 22:53:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.837 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

