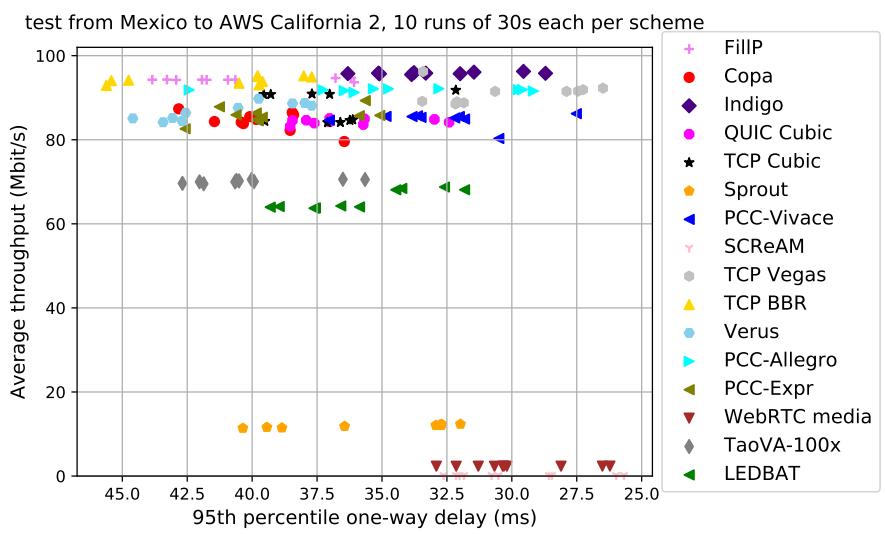
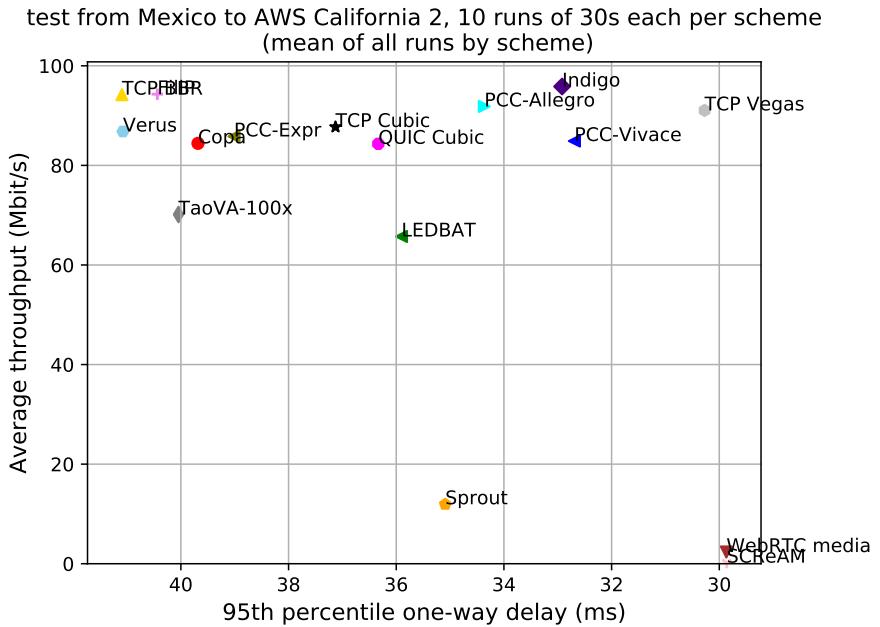


## Pantheon Report

Generated at 2018-06-05 23:24:00 (UTC).  
Data path: Mexico Ethernet (*remote*) → AWS California 2 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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 227fdf9a3757f17b88537ccecd5743a33037a3d2  
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
```



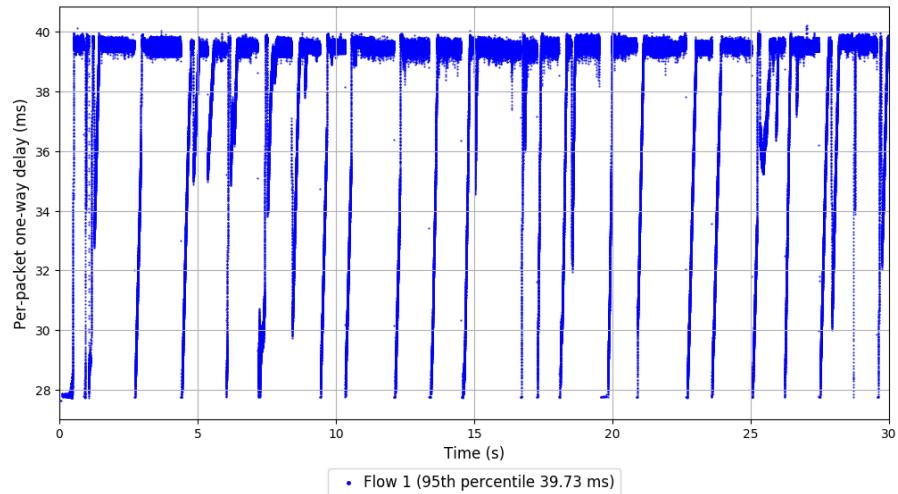
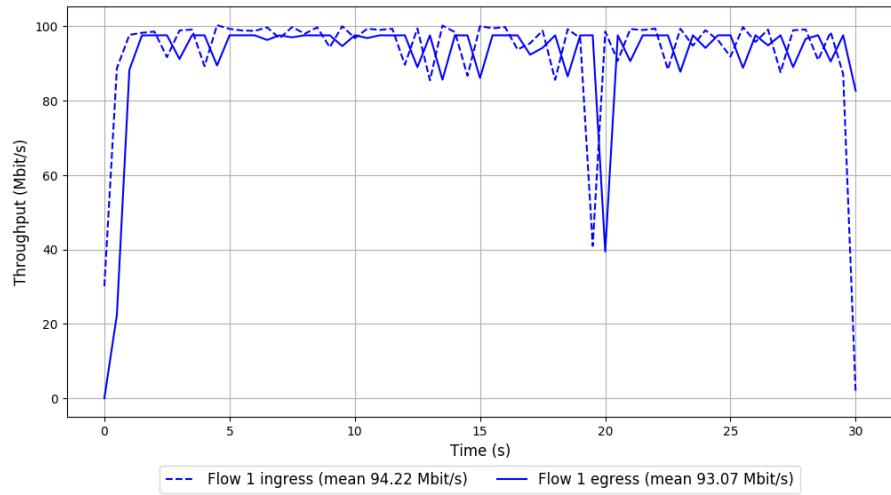
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.20	41.09	1.34
Copa	10	84.43	39.68	0.23
TCP Cubic	10	87.71	37.13	0.24
FillP	10	94.30	40.44	0.23
Indigo	10	95.84	32.92	0.21
LEDBAT	10	65.72	35.90	0.24
PCC-Allegro	10	91.84	34.36	0.22
PCC-Expr	10	85.81	39.01	0.25
QUIC Cubic	10	84.33	36.33	0.24
SCReAM	10	0.22	29.86	0.21
Sprout	10	11.94	35.09	0.24
TaoVA-100x	10	70.14	40.05	0.20
TCP Vegas	10	91.04	30.27	0.22
Verus	10	86.81	41.08	0.38
PCC-Vivace	10	84.89	32.69	0.22
WebRTC media	10	2.35	29.87	0.24

Run 1: Statistics of TCP BBR

```
Start at: 2018-06-05 19:46:25
End at: 2018-06-05 19:46:55
Local clock offset: 1.258 ms
Remote clock offset: -2.146 ms

# Below is generated by plot.py at 2018-06-05 23:03:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 39.734 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 39.734 ms
Loss rate: 1.41%
```

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

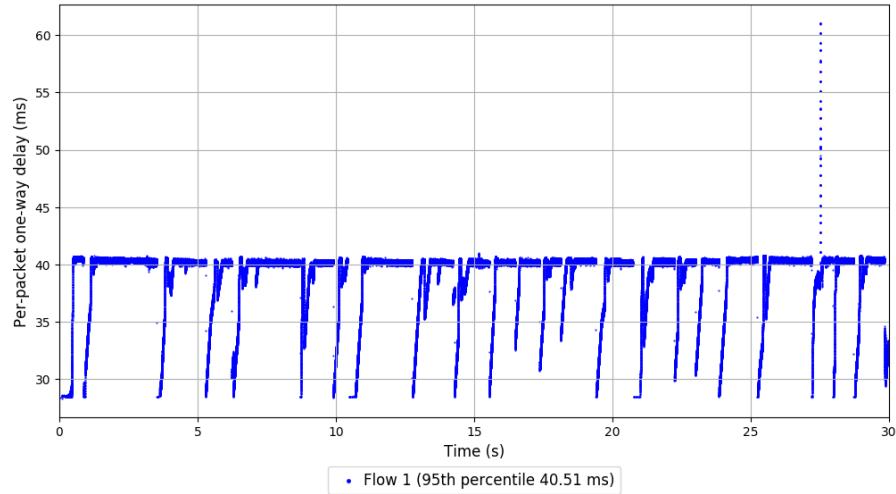
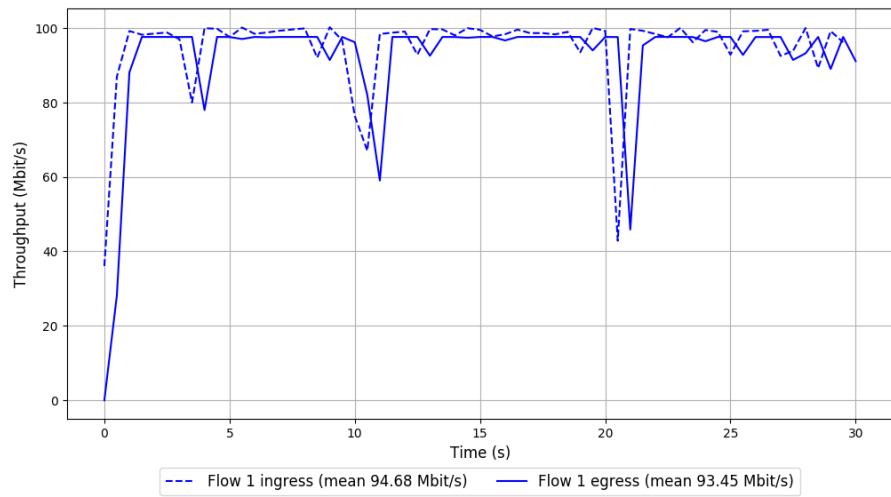


Run 2: Statistics of TCP BBR

```
Start at: 2018-06-05 20:07:20
End at: 2018-06-05 20:07:50
Local clock offset: 1.276 ms
Remote clock offset: -1.815 ms

# Below is generated by plot.py at 2018-06-05 23:03:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 40.506 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 40.506 ms
Loss rate: 1.48%
```

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

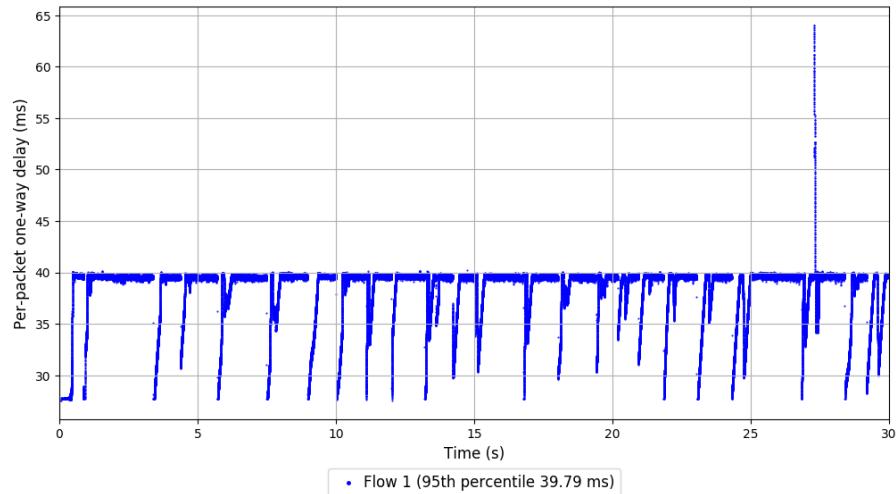
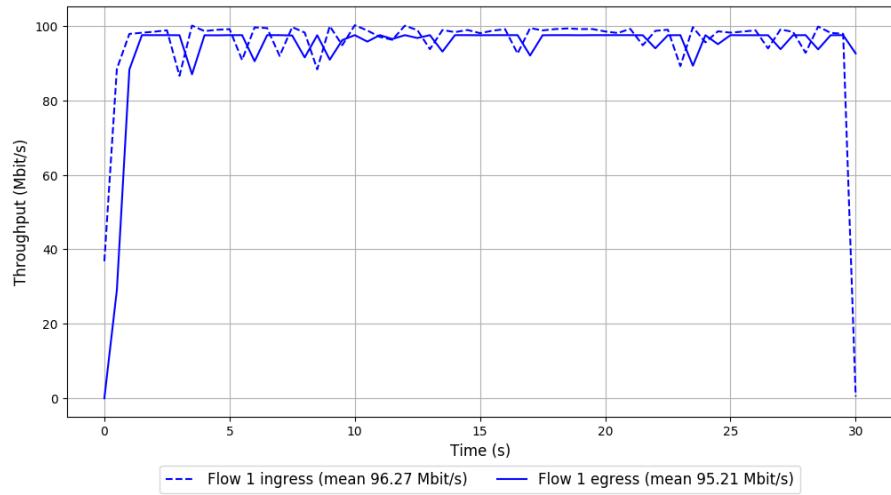


Run 3: Statistics of TCP BBR

```
Start at: 2018-06-05 20:28:21
End at: 2018-06-05 20:28:51
Local clock offset: 0.508 ms
Remote clock offset: -1.935 ms

# Below is generated by plot.py at 2018-06-05 23:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.21 Mbit/s
95th percentile per-packet one-way delay: 39.791 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 95.21 Mbit/s
95th percentile per-packet one-way delay: 39.791 ms
Loss rate: 1.30%
```

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

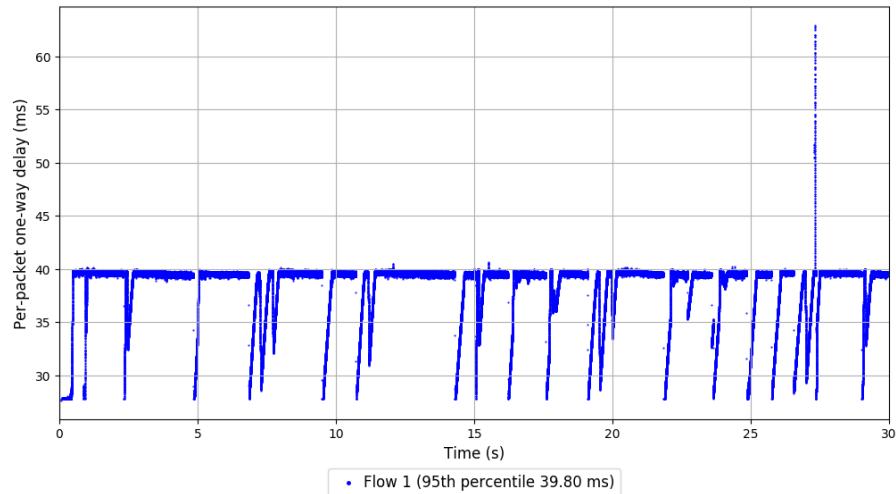
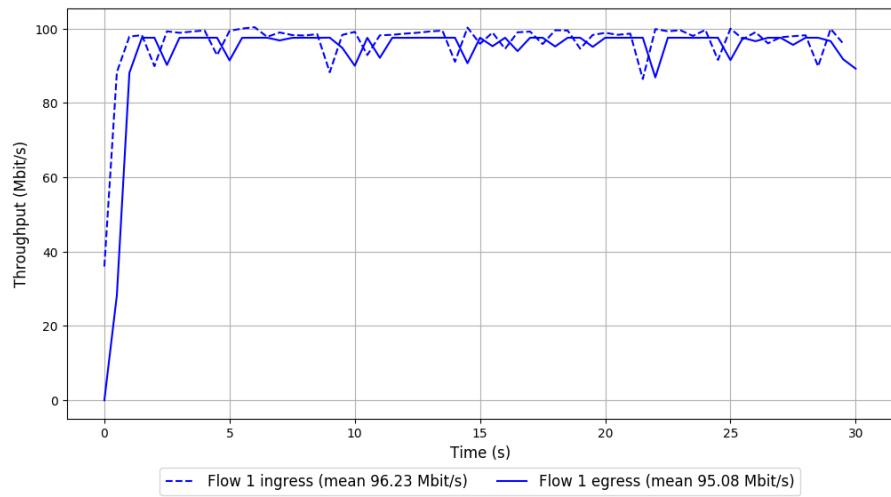


Run 4: Statistics of TCP BBR

```
Start at: 2018-06-05 20:49:21
End at: 2018-06-05 20:49:52
Local clock offset: 0.51 ms
Remote clock offset: -2.596 ms

# Below is generated by plot.py at 2018-06-05 23:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 1.38%
```

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

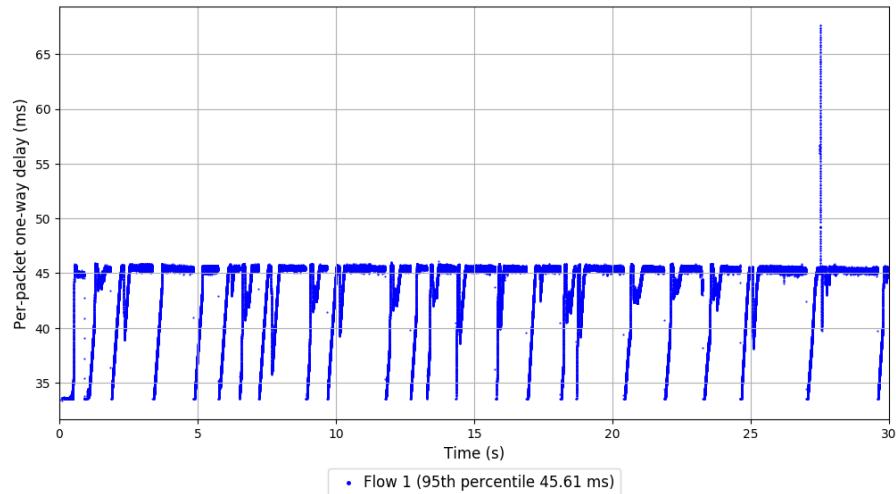
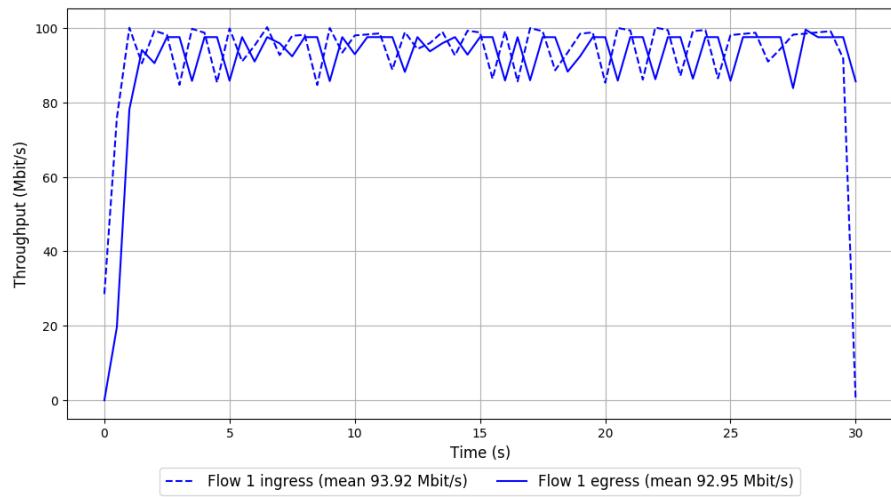


Run 5: Statistics of TCP BBR

```
Start at: 2018-06-05 21:10:18
End at: 2018-06-05 21:10:48
Local clock offset: 0.508 ms
Remote clock offset: -2.784 ms

# Below is generated by plot.py at 2018-06-05 23:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 45.613 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 45.613 ms
Loss rate: 1.26%
```

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

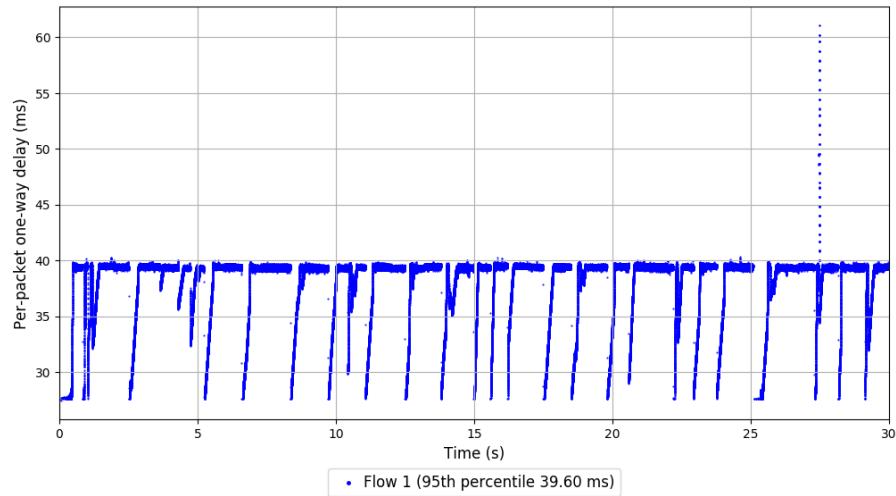
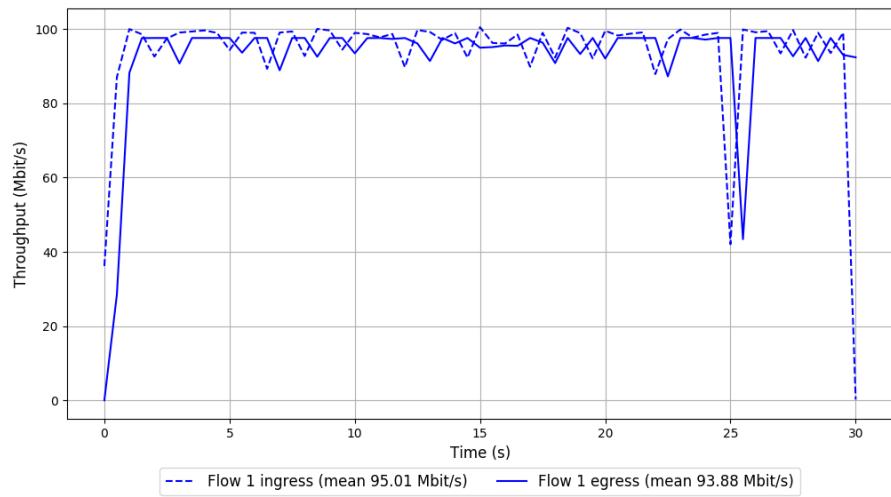


Run 6: Statistics of TCP BBR

```
Start at: 2018-06-05 21:31:19
End at: 2018-06-05 21:31:49
Local clock offset: 0.411 ms
Remote clock offset: -2.083 ms

# Below is generated by plot.py at 2018-06-05 23:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 39.604 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 39.604 ms
Loss rate: 1.37%
```

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

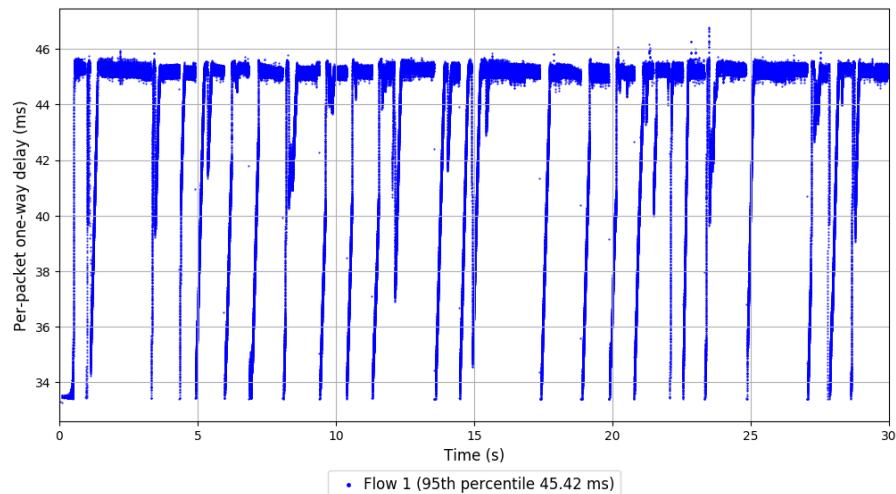
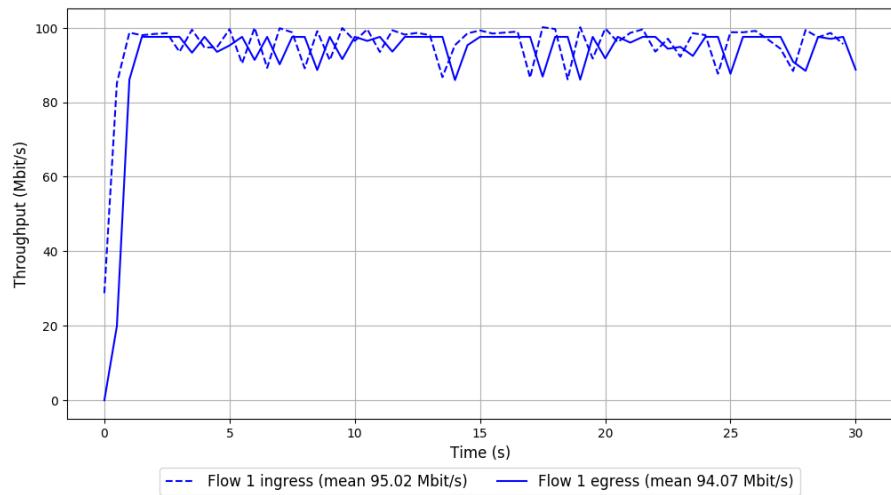


Run 7: Statistics of TCP BBR

```
Start at: 2018-06-05 21:52:20
End at: 2018-06-05 21:52:50
Local clock offset: 0.027 ms
Remote clock offset: -2.607 ms

# Below is generated by plot.py at 2018-06-05 23:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 45.421 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 45.421 ms
Loss rate: 1.22%
```

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

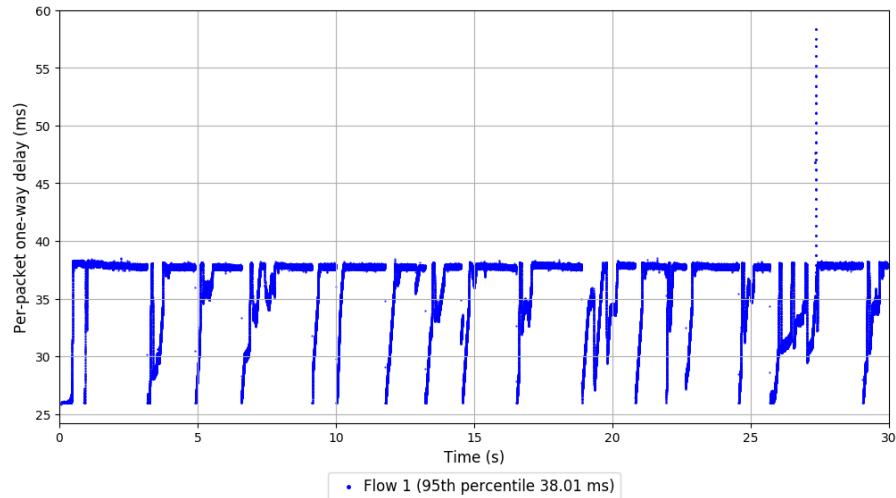
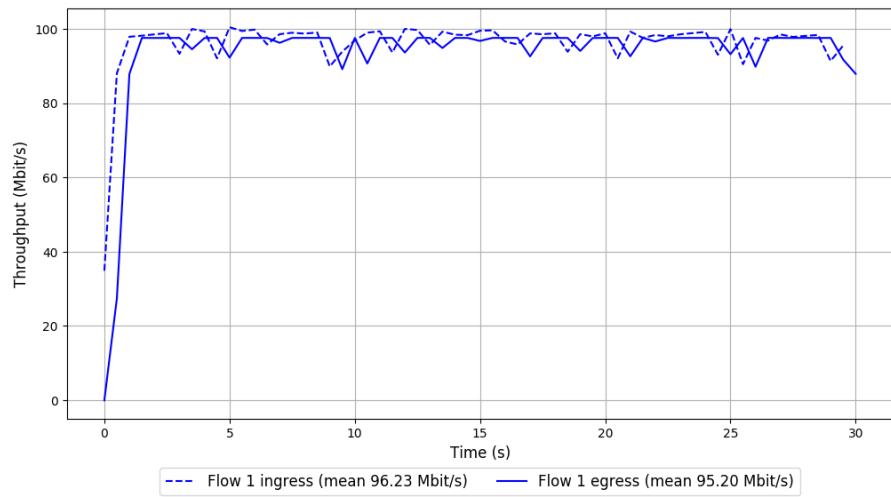


Run 8: Statistics of TCP BBR

```
Start at: 2018-06-05 22:13:16
End at: 2018-06-05 22:13:46
Local clock offset: 0.158 ms
Remote clock offset: -0.644 ms

# Below is generated by plot.py at 2018-06-05 23:03:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 38.012 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 38.012 ms
Loss rate: 1.26%
```

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

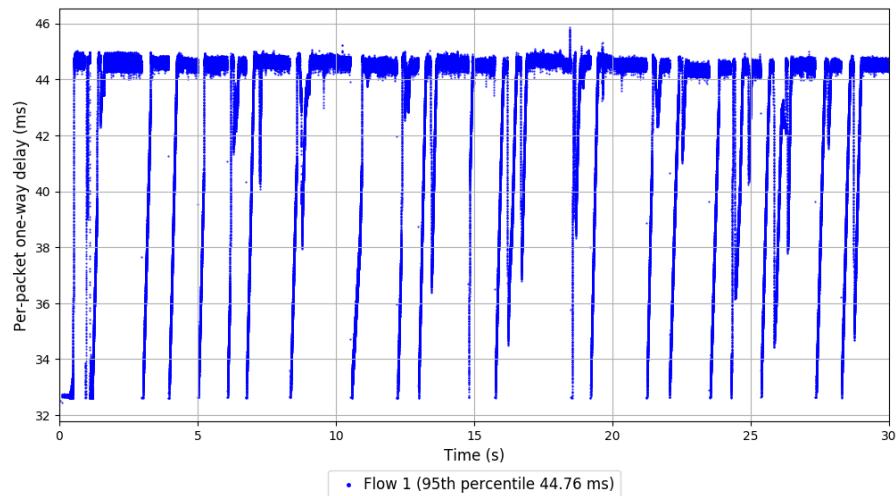
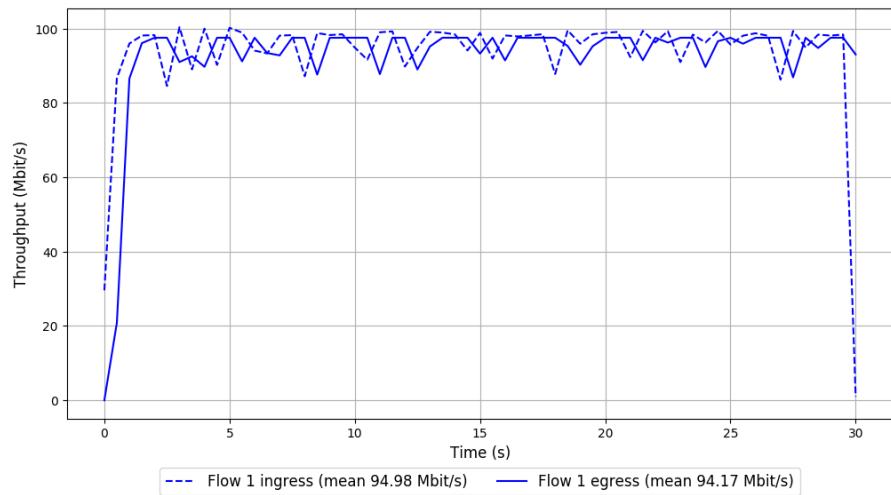


Run 9: Statistics of TCP BBR

```
Start at: 2018-06-05 22:34:14
End at: 2018-06-05 22:34:44
Local clock offset: 0.111 ms
Remote clock offset: -2.489 ms

# Below is generated by plot.py at 2018-06-05 23:04:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 44.759 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 44.759 ms
Loss rate: 1.06%
```

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

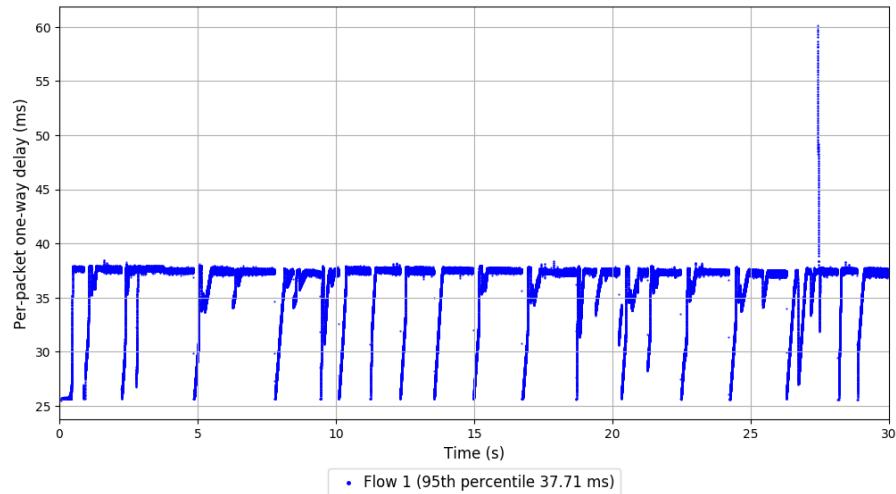
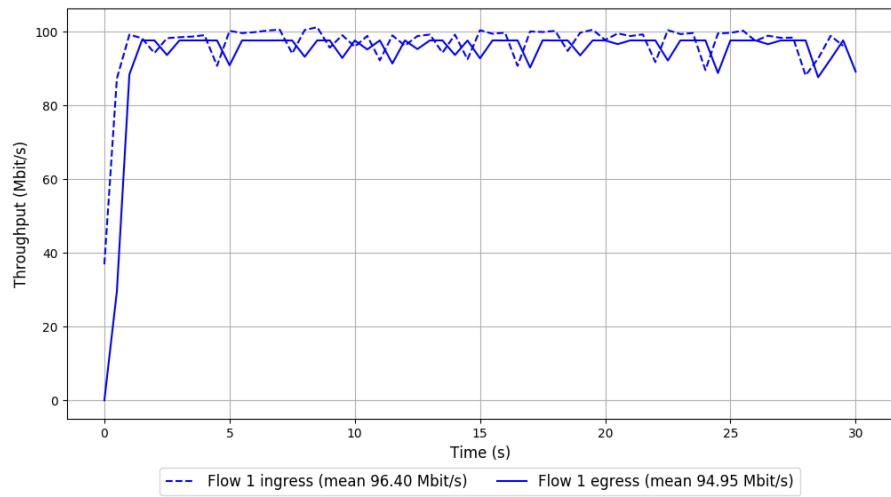


Run 10: Statistics of TCP BBR

```
Start at: 2018-06-05 22:55:07
End at: 2018-06-05 22:55:37
Local clock offset: 0.44 ms
Remote clock offset: -0.262 ms

# Below is generated by plot.py at 2018-06-05 23:04:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 37.707 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 37.707 ms
Loss rate: 1.71%
```

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

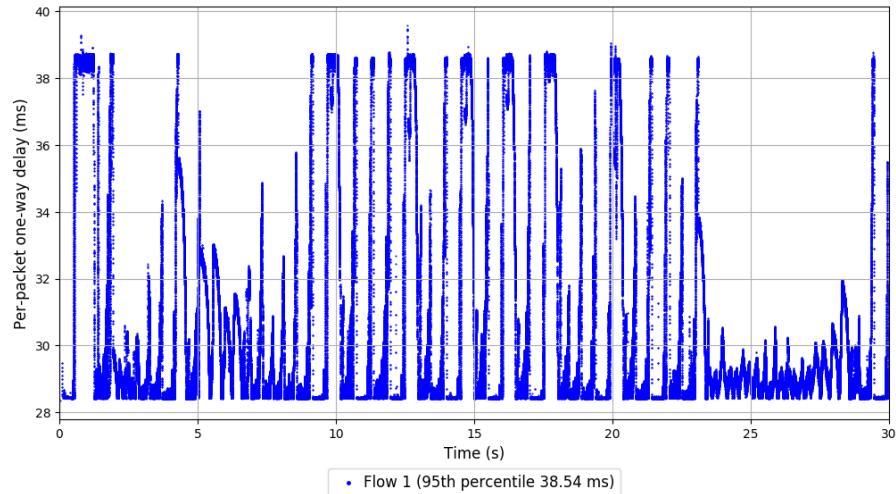
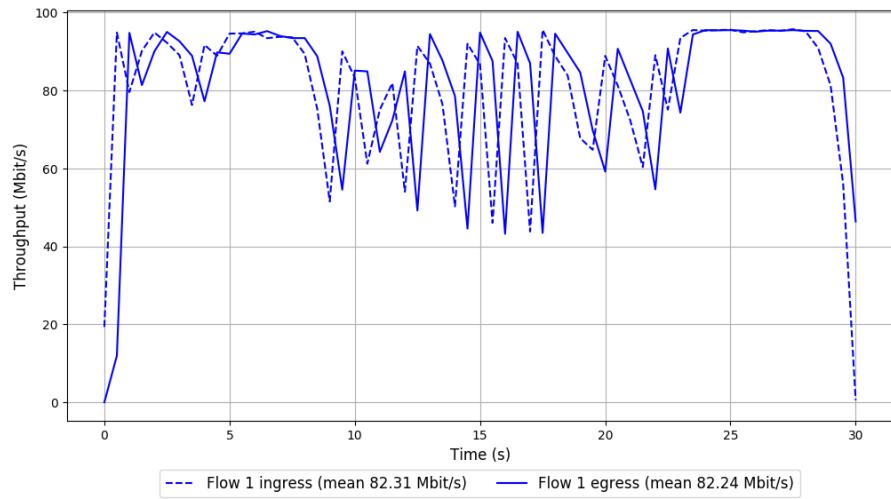


Run 1: Statistics of Copa

```
Start at: 2018-06-05 19:38:29
End at: 2018-06-05 19:38:59
Local clock offset: 1.256 ms
Remote clock offset: -2.223 ms

# Below is generated by plot.py at 2018-06-05 23:05:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 38.537 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 38.537 ms
Loss rate: 0.27%
```

Run 1: Report of Copa — Data Link

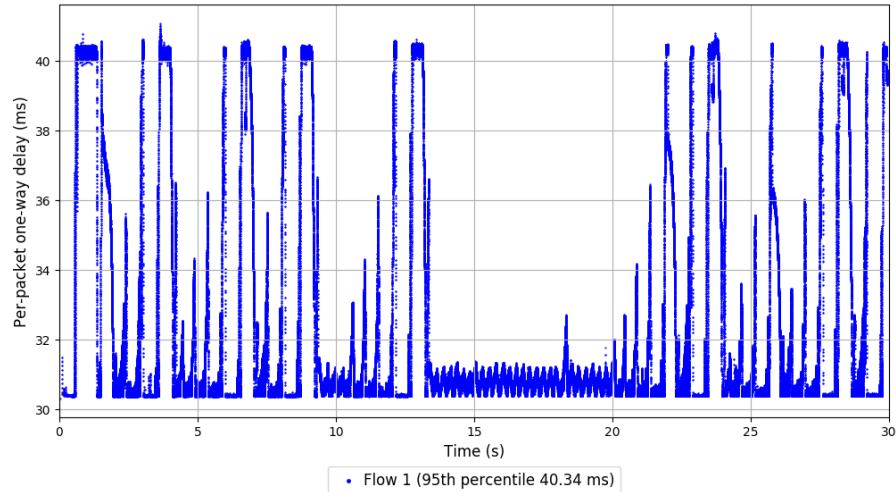
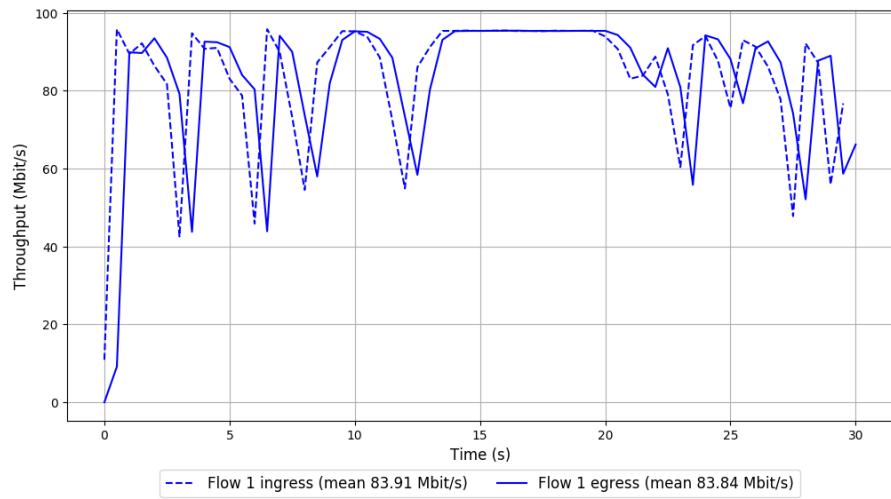


Run 2: Statistics of Copa

```
Start at: 2018-06-05 19:59:24
End at: 2018-06-05 19:59:54
Local clock offset: 1.534 ms
Remote clock offset: 0.516 ms

# Below is generated by plot.py at 2018-06-05 23:05:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 40.337 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 40.337 ms
Loss rate: 0.28%
```

## Run 2: Report of Copa — Data Link

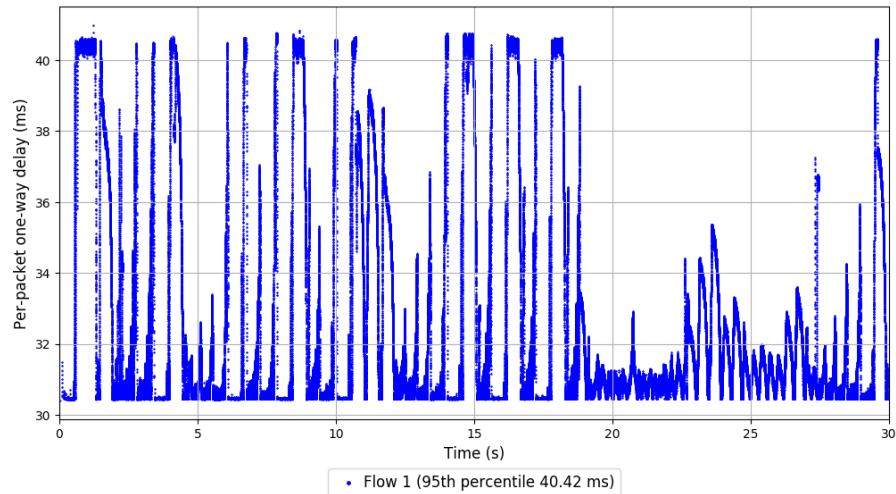
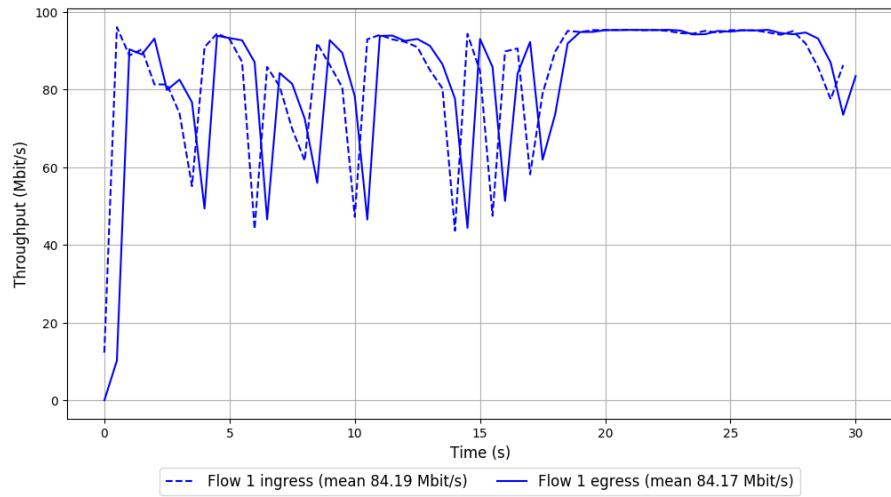


Run 3: Statistics of Copa

```
Start at: 2018-06-05 20:20:22
End at: 2018-06-05 20:20:52
Local clock offset: 0.552 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2018-06-05 23:05:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 40.419 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 40.419 ms
Loss rate: 0.22%
```

### Run 3: Report of Copa — Data Link

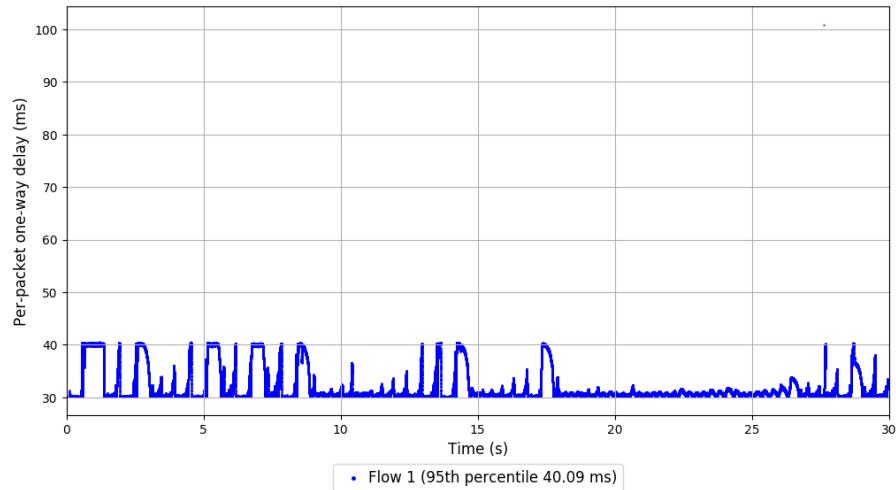
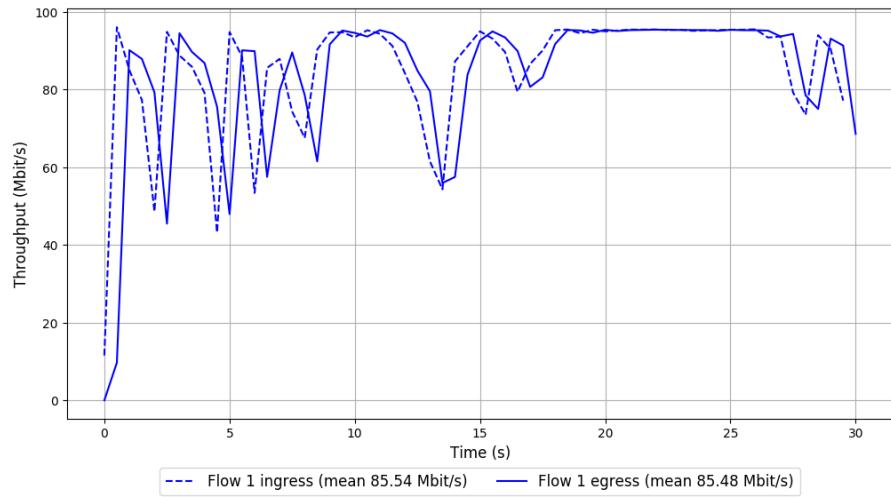


Run 4: Statistics of Copa

```
Start at: 2018-06-05 20:41:23
End at: 2018-06-05 20:41:53
Local clock offset: 0.416 ms
Remote clock offset: 0.352 ms

# Below is generated by plot.py at 2018-06-05 23:05:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.48 Mbit/s
95th percentile per-packet one-way delay: 40.092 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 85.48 Mbit/s
95th percentile per-packet one-way delay: 40.092 ms
Loss rate: 0.27%
```

## Run 4: Report of Copa — Data Link

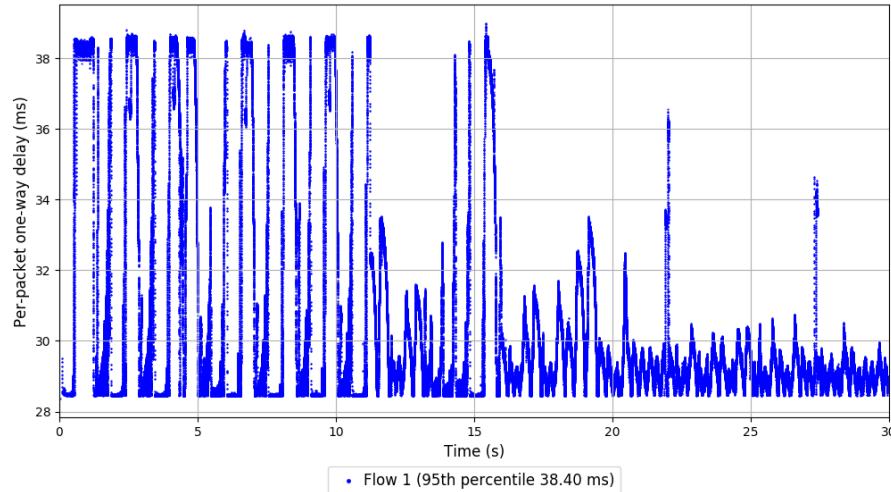
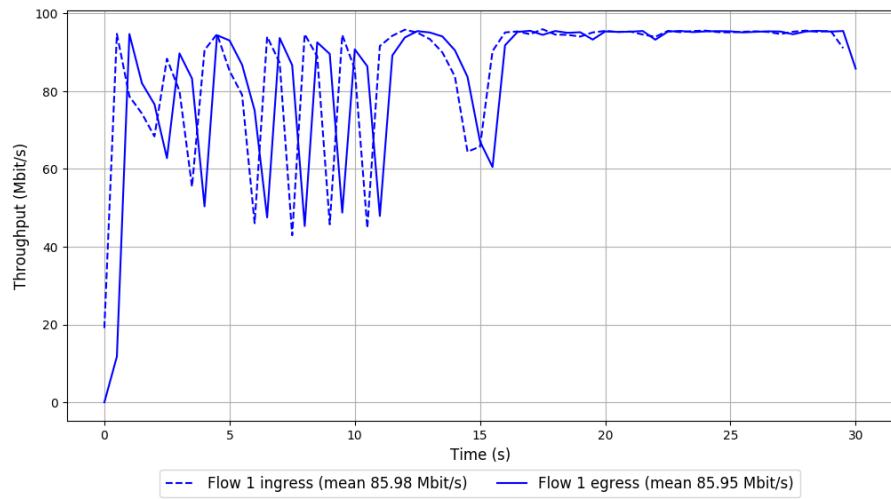


Run 5: Statistics of Copa

```
Start at: 2018-06-05 21:02:21
End at: 2018-06-05 21:02:51
Local clock offset: 0.456 ms
Remote clock offset: -2.776 ms

# Below is generated by plot.py at 2018-06-05 23:05:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 38.404 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 38.404 ms
Loss rate: 0.22%
```

### Run 5: Report of Copa — Data Link

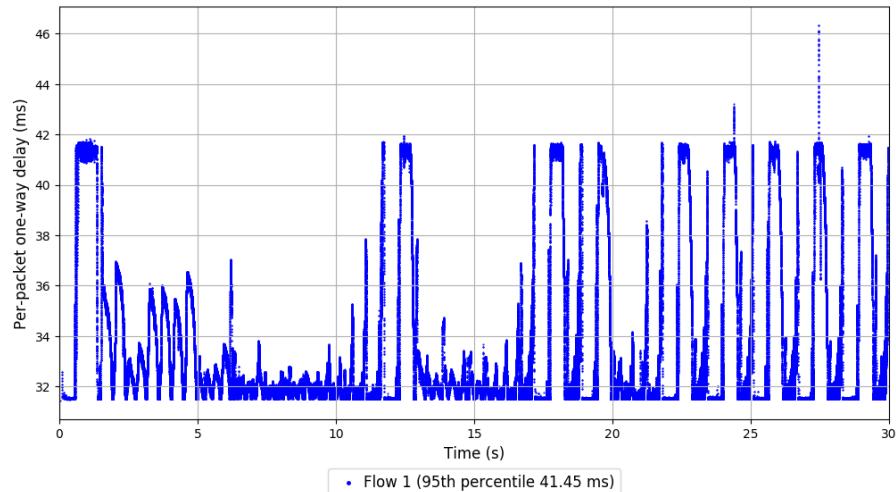
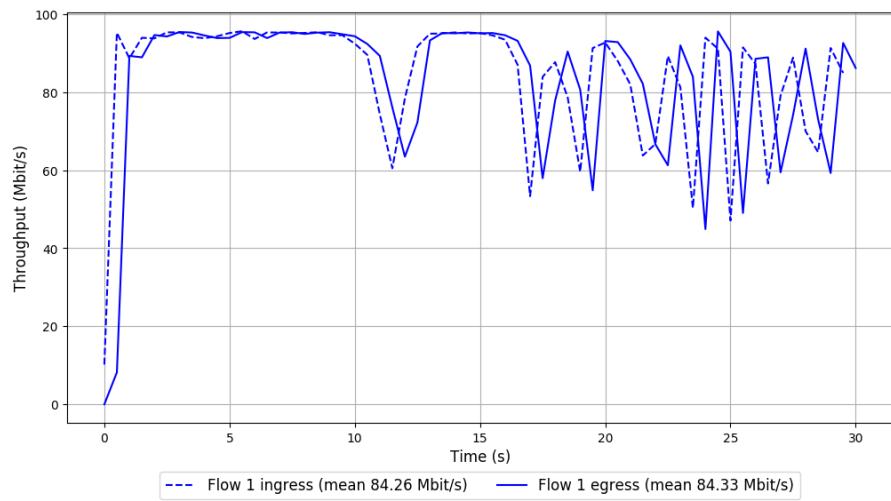


Run 6: Statistics of Copa

```
Start at: 2018-06-05 21:23:22
End at: 2018-06-05 21:23:52
Local clock offset: 0.528 ms
Remote clock offset: -0.275 ms

# Below is generated by plot.py at 2018-06-05 23:05:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.33 Mbit/s
95th percentile per-packet one-way delay: 41.453 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 84.33 Mbit/s
95th percentile per-packet one-way delay: 41.453 ms
Loss rate: 0.12%
```

### Run 6: Report of Copa — Data Link

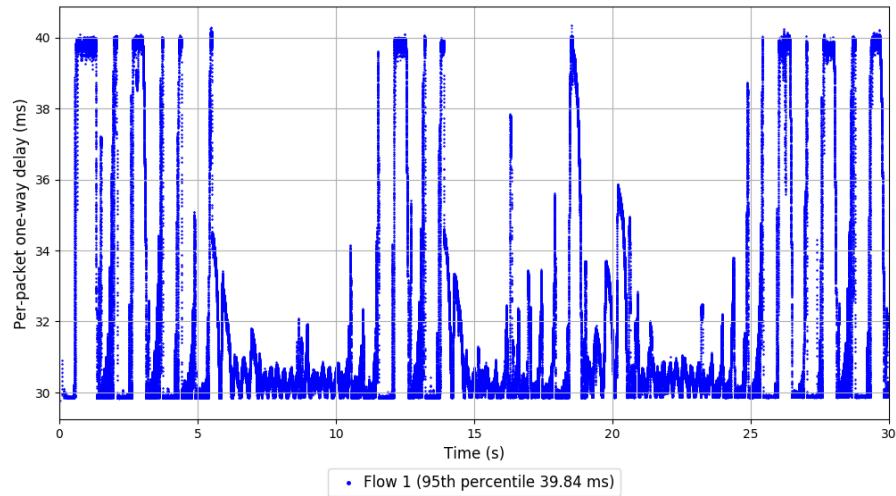
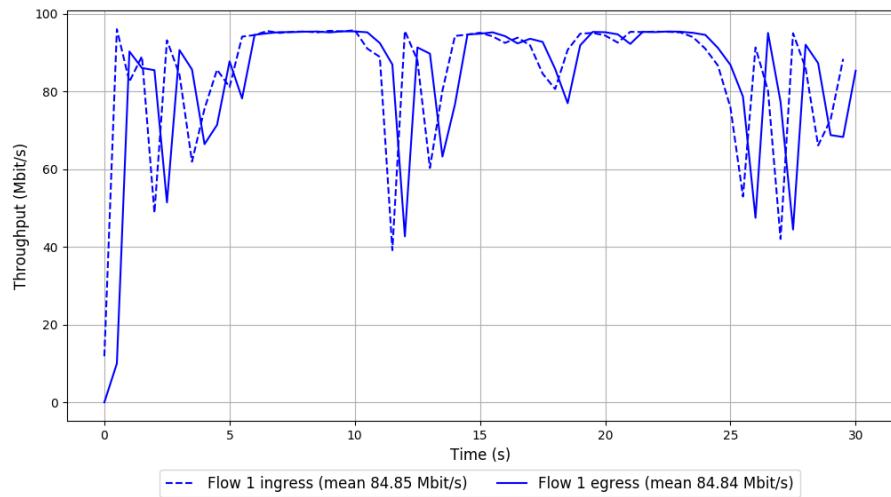


Run 7: Statistics of Copa

```
Start at: 2018-06-05 21:44:24
End at: 2018-06-05 21:44:54
Local clock offset: 0.222 ms
Remote clock offset: 0.087 ms

# Below is generated by plot.py at 2018-06-05 23:06:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 39.844 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 39.844 ms
Loss rate: 0.22%
```

### Run 7: Report of Copa — Data Link

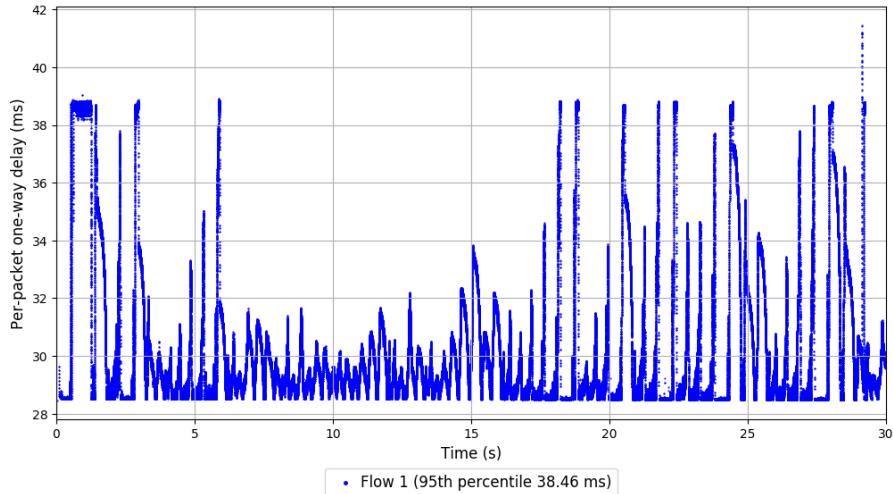
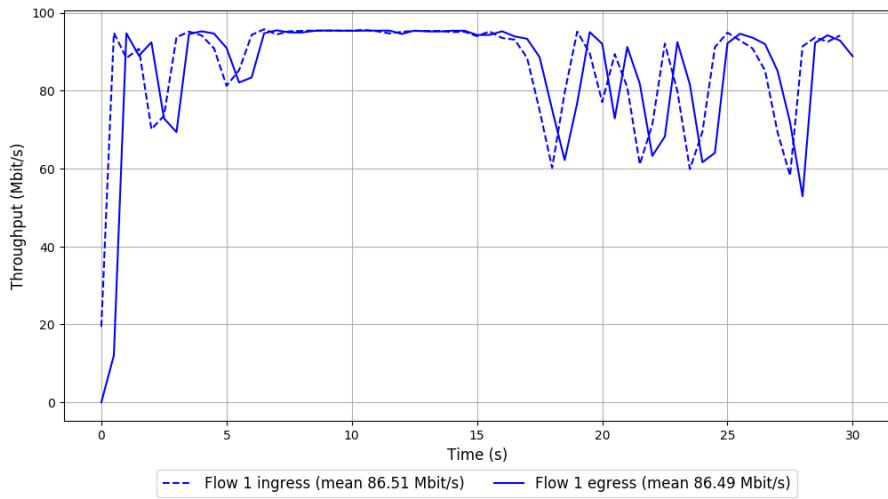


Run 8: Statistics of Copa

```
Start at: 2018-06-05 22:05:19
End at: 2018-06-05 22:05:49
Local clock offset: 0.056 ms
Remote clock offset: -3.094 ms

# Below is generated by plot.py at 2018-06-05 23:06:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 38.458 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 38.458 ms
Loss rate: 0.22%
```

### Run 8: Report of Copa — Data Link

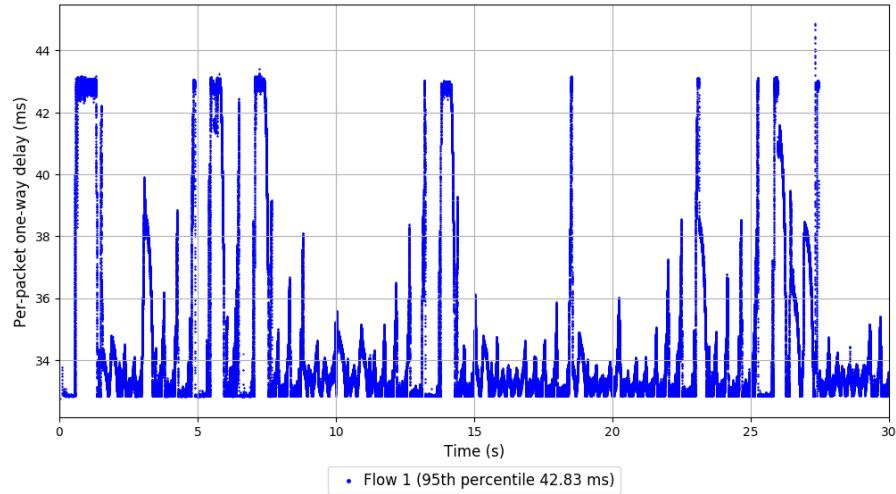
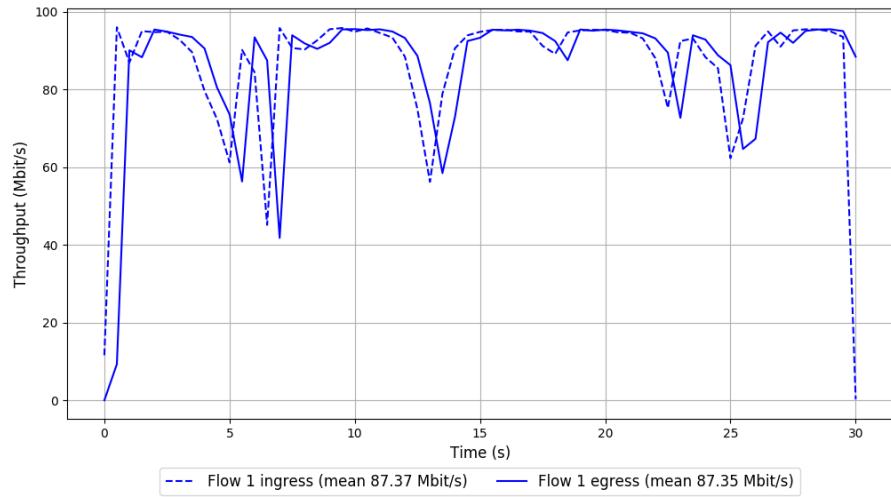


Run 9: Statistics of Copa

```
Start at: 2018-06-05 22:26:16
End at: 2018-06-05 22:26:46
Local clock offset: 0.213 ms
Remote clock offset: -2.826 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 42.828 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 42.828 ms
Loss rate: 0.23%
```

### Run 9: Report of Copa — Data Link

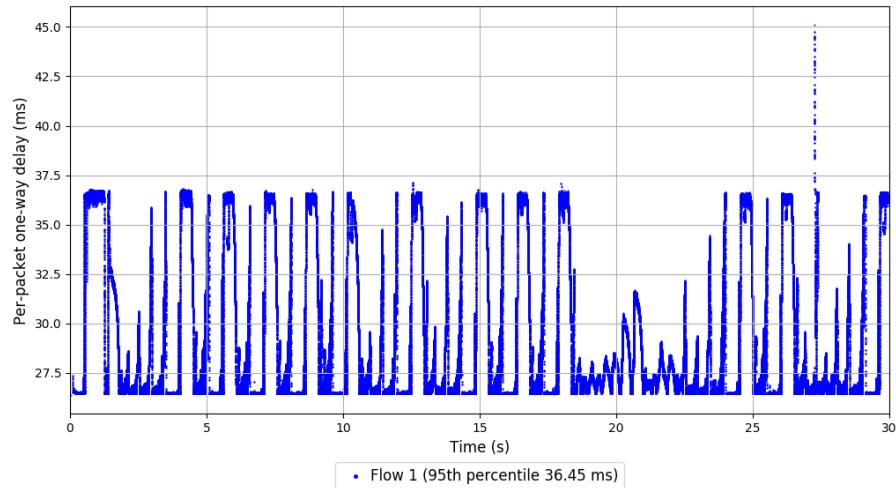
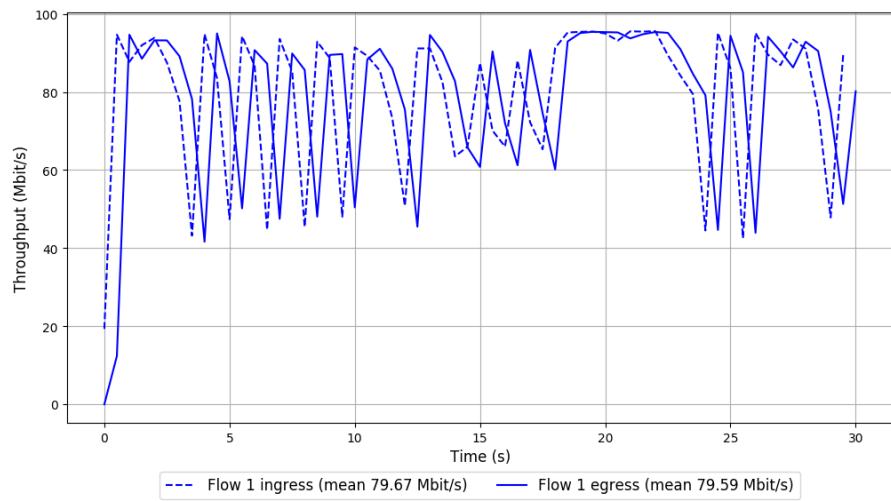


Run 10: Statistics of Copa

```
Start at: 2018-06-05 22:47:12
End at: 2018-06-05 22:47:42
Local clock offset: 0.407 ms
Remote clock offset: -0.257 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 36.452 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 36.452 ms
Loss rate: 0.29%
```

## Run 10: Report of Copa — Data Link

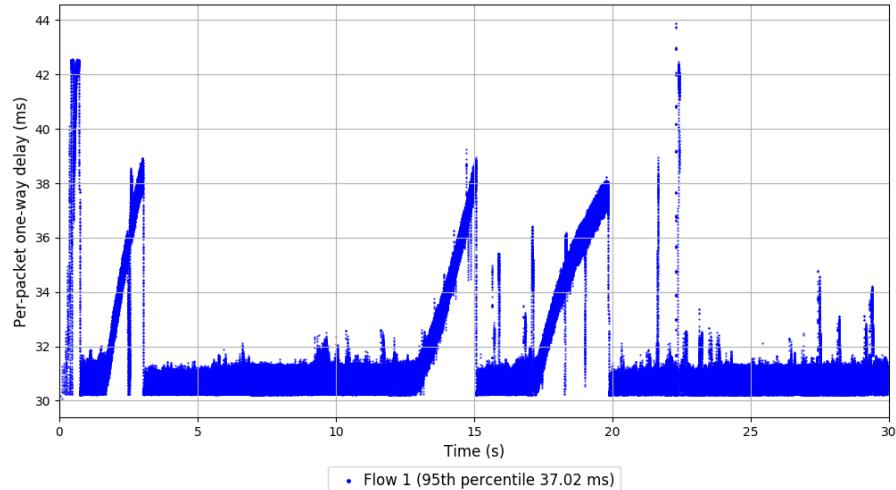
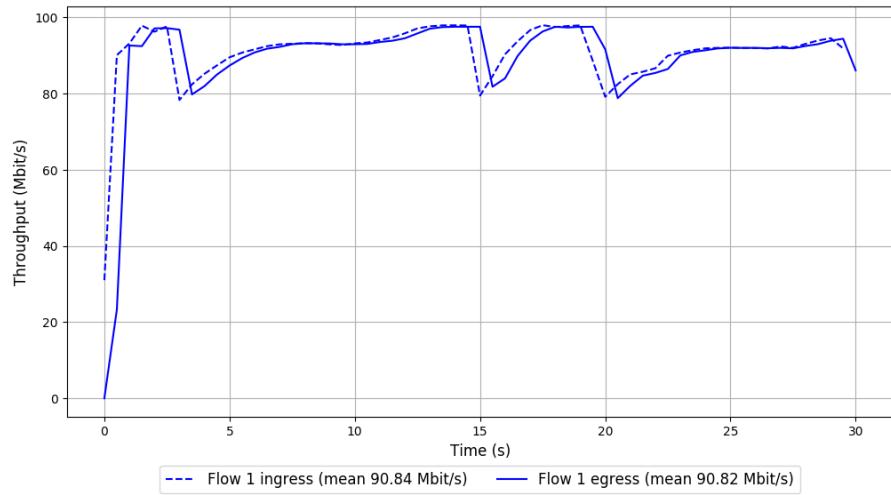


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 19:35:52
End at: 2018-06-05 19:36:22
Local clock offset: 1.216 ms
Remote clock offset: 0.22 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 37.016 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 37.016 ms
Loss rate: 0.22%
```

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

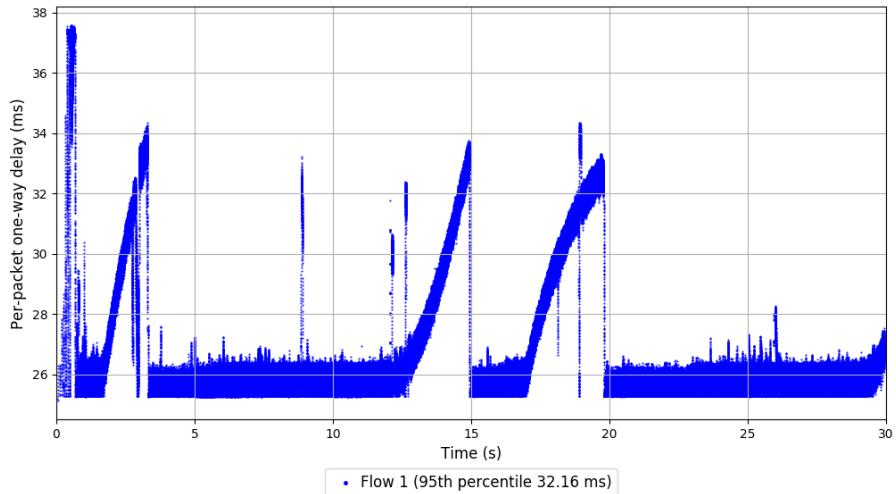
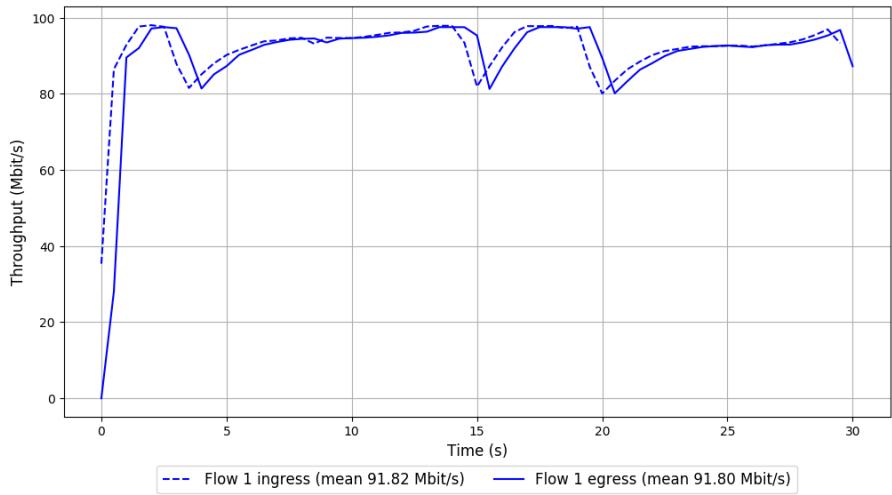


Run 2: Statistics of TCP Cubic

```
Start at: 2018-06-05 19:56:47
End at: 2018-06-05 19:57:17
Local clock offset: 1.475 ms
Remote clock offset: 0.724 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 32.158 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 32.158 ms
Loss rate: 0.21%
```

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

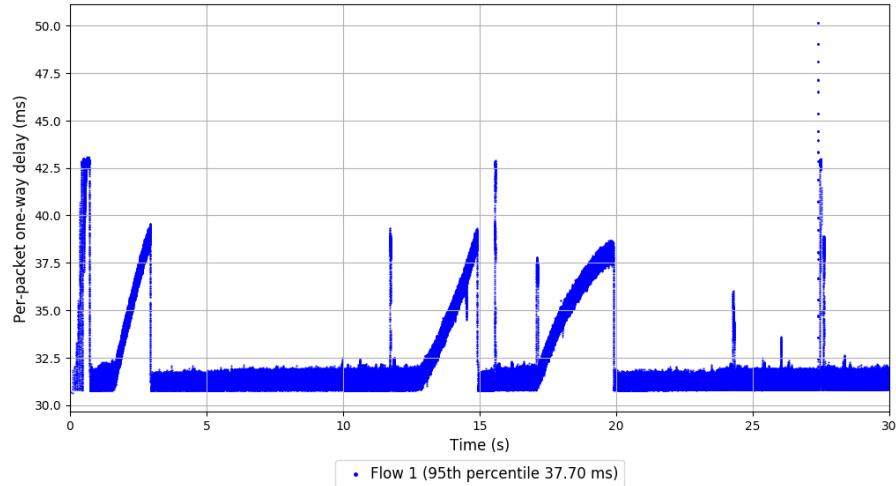
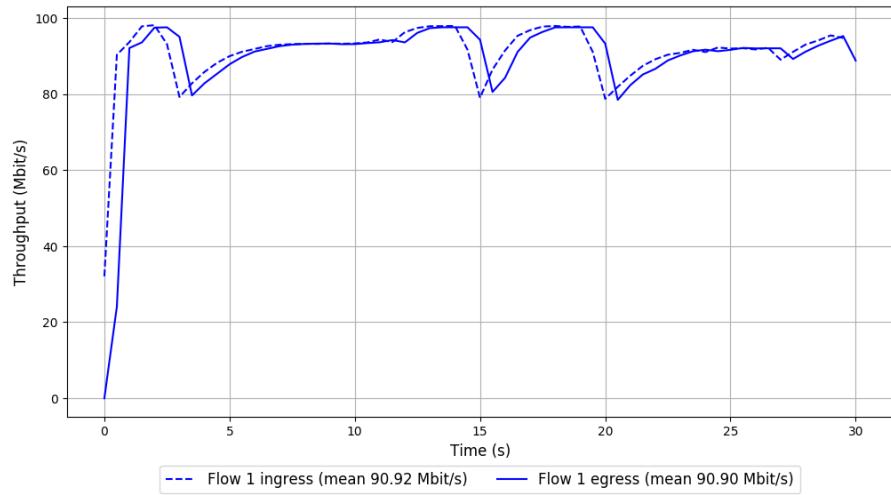


Run 3: Statistics of TCP Cubic

```
Start at: 2018-06-05 20:17:45
End at: 2018-06-05 20:18:15
Local clock offset: 0.721 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.90 Mbit/s
95th percentile per-packet one-way delay: 37.696 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 90.90 Mbit/s
95th percentile per-packet one-way delay: 37.696 ms
Loss rate: 0.22%
```

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

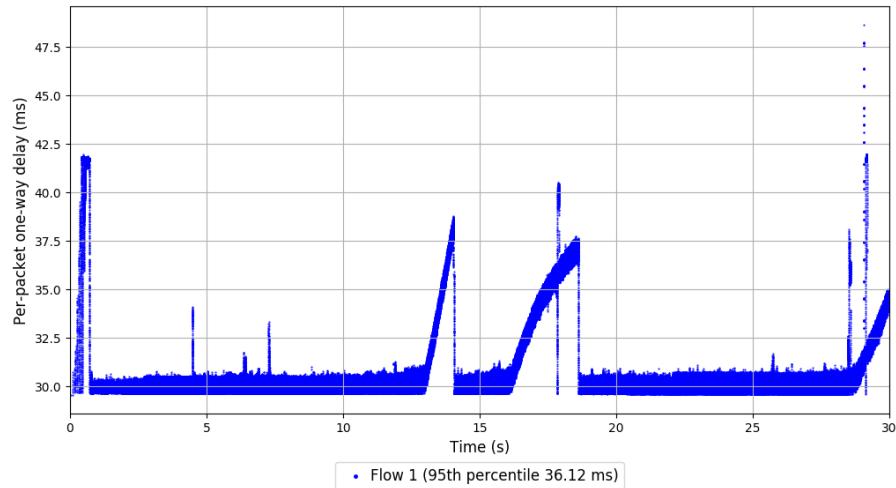
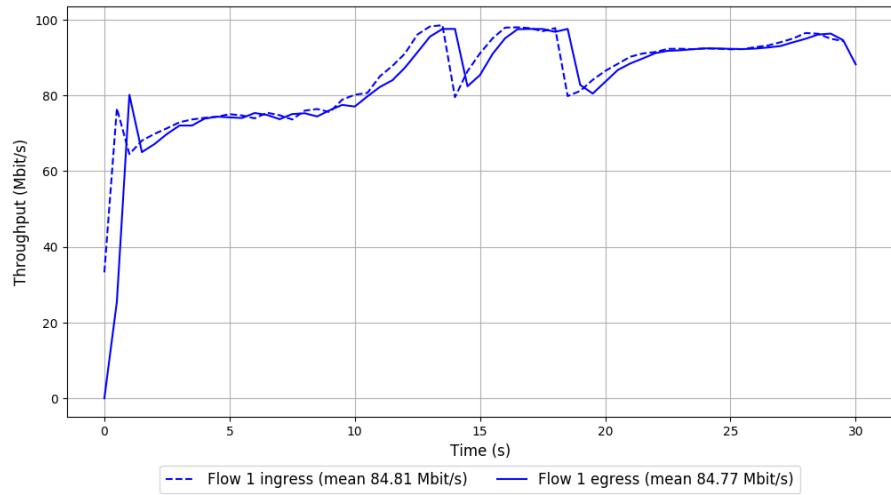


Run 4: Statistics of TCP Cubic

```
Start at: 2018-06-05 20:38:46
End at: 2018-06-05 20:39:16
Local clock offset: 0.403 ms
Remote clock offset: 0.203 ms

# Below is generated by plot.py at 2018-06-05 23:07:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 36.125 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 36.125 ms
Loss rate: 0.25%
```

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

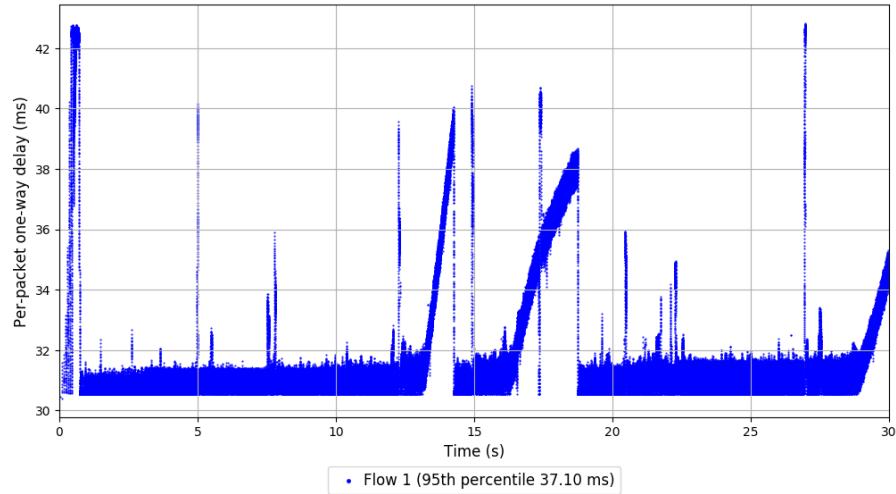
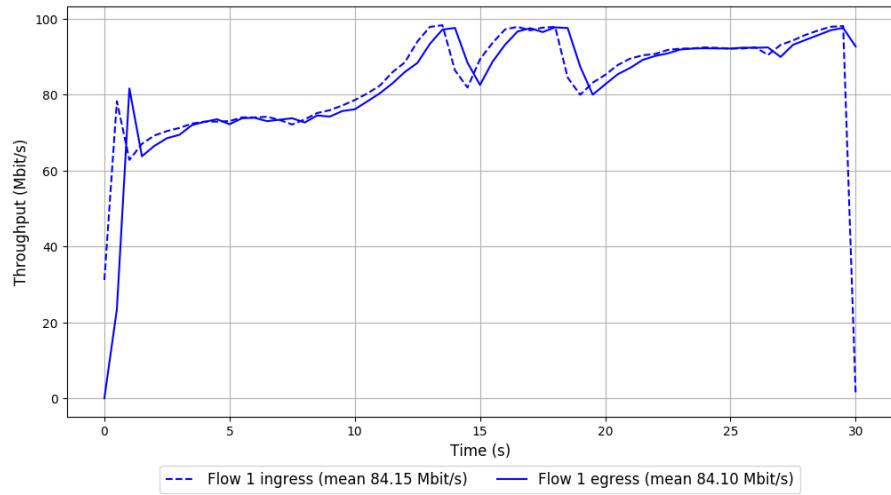


Run 5: Statistics of TCP Cubic

```
Start at: 2018-06-05 20:59:44
End at: 2018-06-05 21:00:14
Local clock offset: 0.482 ms
Remote clock offset: -0.762 ms

# Below is generated by plot.py at 2018-06-05 23:07:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 37.096 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 37.096 ms
Loss rate: 0.26%
```

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

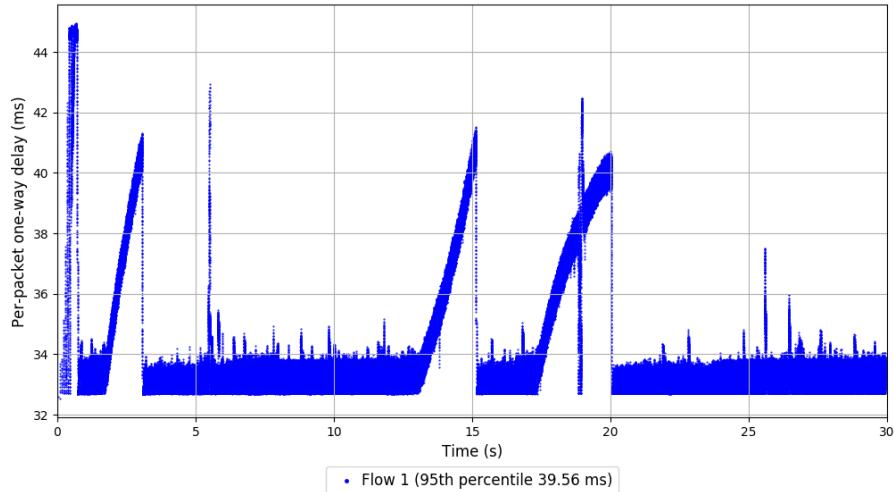
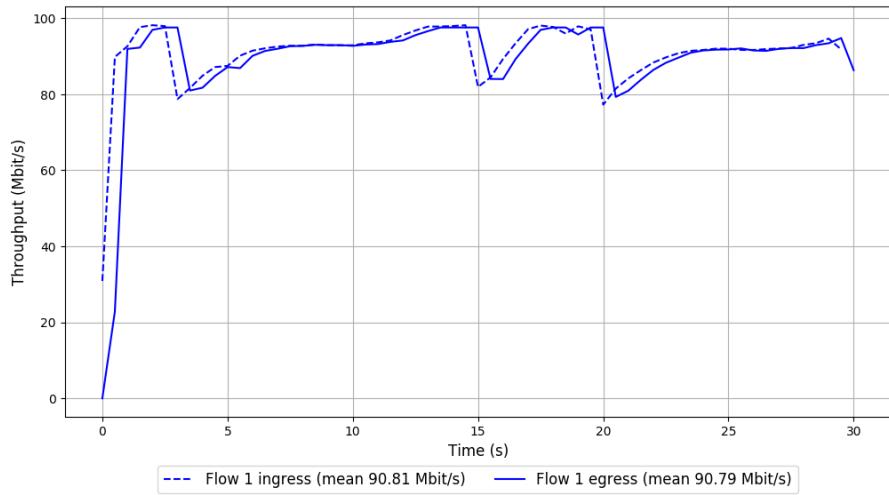


Run 6: Statistics of TCP Cubic

```
Start at: 2018-06-05 21:20:43
End at: 2018-06-05 21:21:13
Local clock offset: 0.438 ms
Remote clock offset: -2.384 ms

# Below is generated by plot.py at 2018-06-05 23:07:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 39.556 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 39.556 ms
Loss rate: 0.22%
```

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

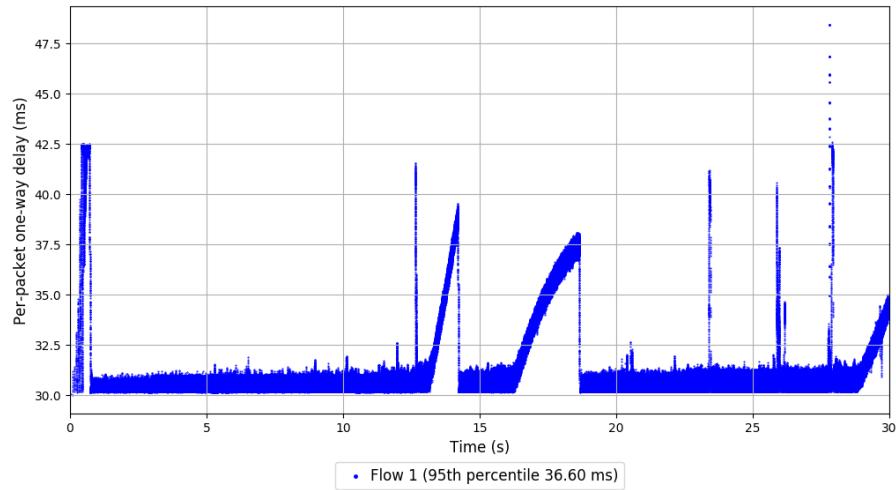
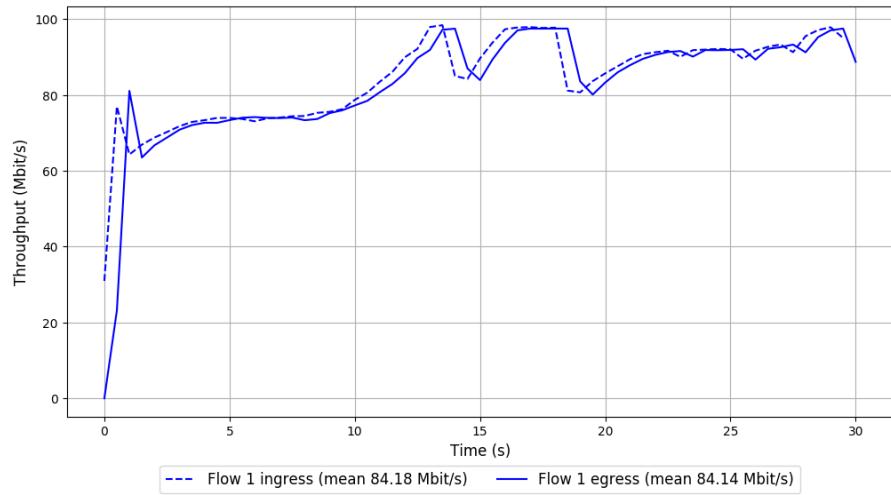


Run 7: Statistics of TCP Cubic

```
Start at: 2018-06-05 21:41:48
End at: 2018-06-05 21:42:18
Local clock offset: 0.179 ms
Remote clock offset: 0.555 ms

# Below is generated by plot.py at 2018-06-05 23:07:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 36.603 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 36.603 ms
Loss rate: 0.25%
```

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

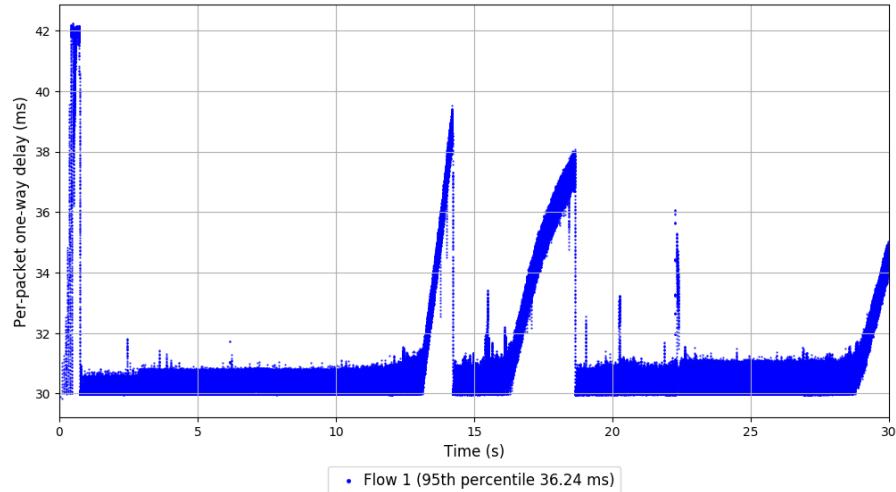
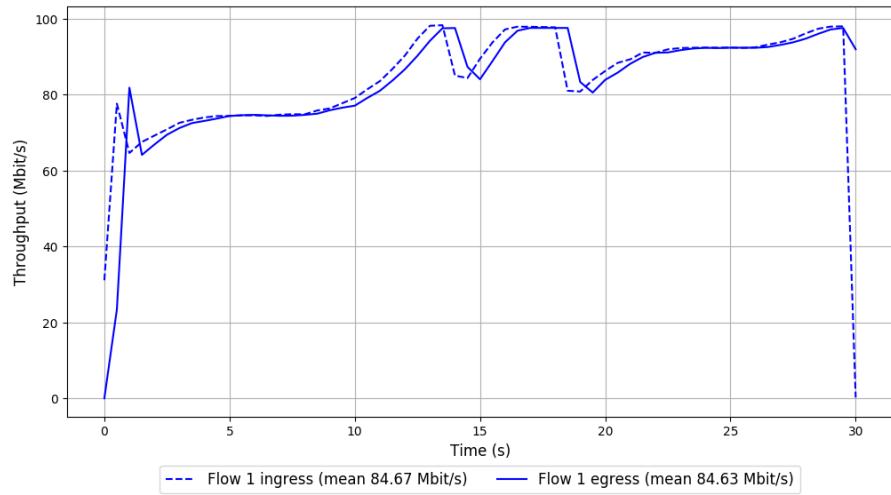


Run 8: Statistics of TCP Cubic

```
Start at: 2018-06-05 22:02:42
End at: 2018-06-05 22:03:12
Local clock offset: -0.079 ms
Remote clock offset: -0.517 ms

# Below is generated by plot.py at 2018-06-05 23:07:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.63 Mbit/s
95th percentile per-packet one-way delay: 36.236 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.63 Mbit/s
95th percentile per-packet one-way delay: 36.236 ms
Loss rate: 0.25%
```

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

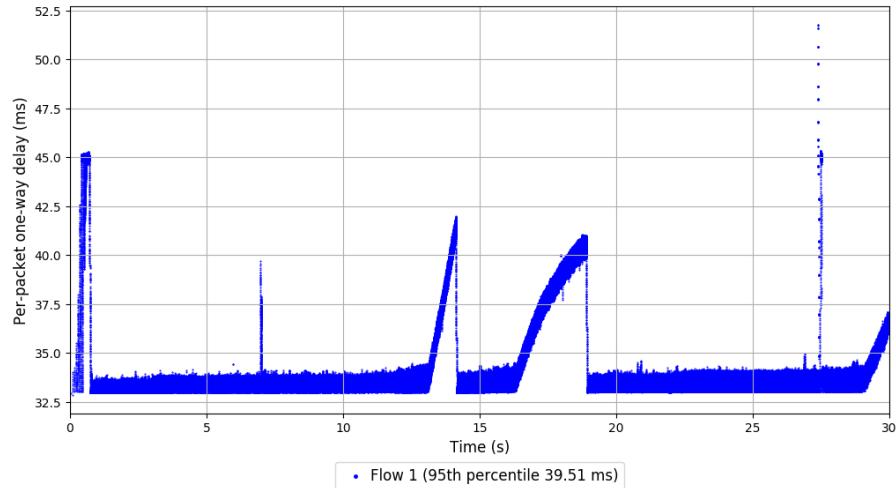
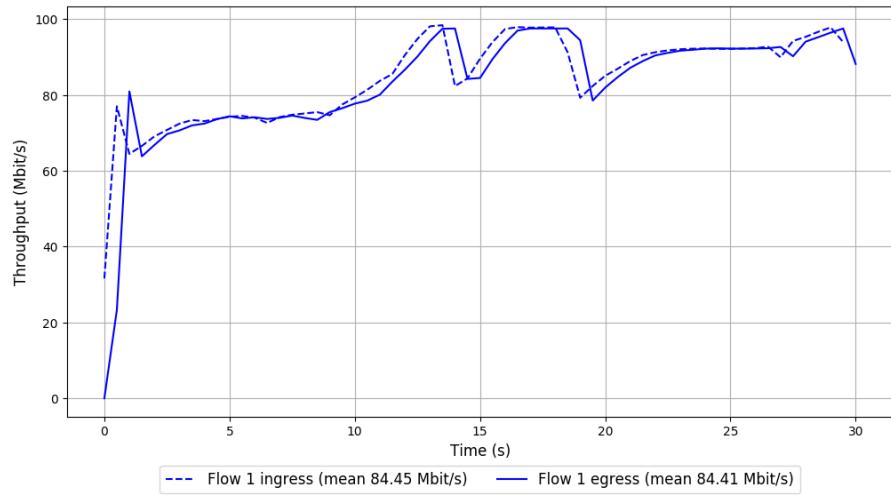


Run 9: Statistics of TCP Cubic

```
Start at: 2018-06-05 22:23:40
End at: 2018-06-05 22:24:10
Local clock offset: 0.21 ms
Remote clock offset: -3.007 ms

# Below is generated by plot.py at 2018-06-05 23:07:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.41 Mbit/s
95th percentile per-packet one-way delay: 39.512 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.41 Mbit/s
95th percentile per-packet one-way delay: 39.512 ms
Loss rate: 0.25%
```

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

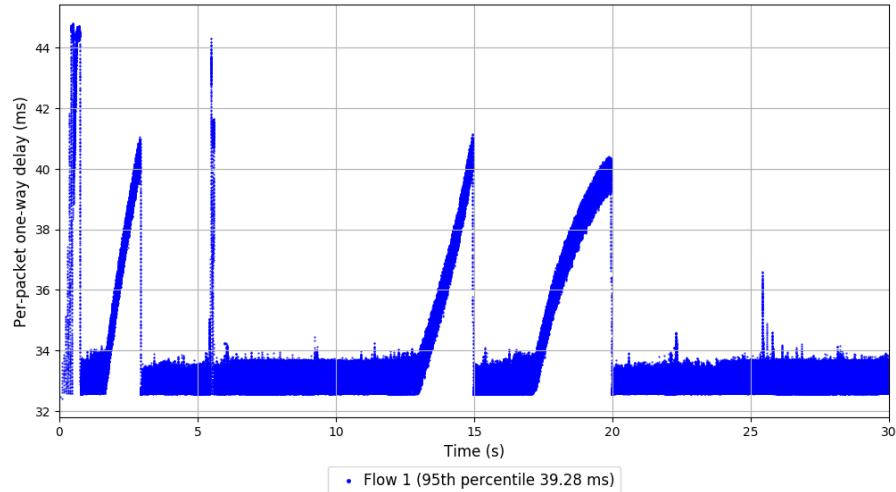
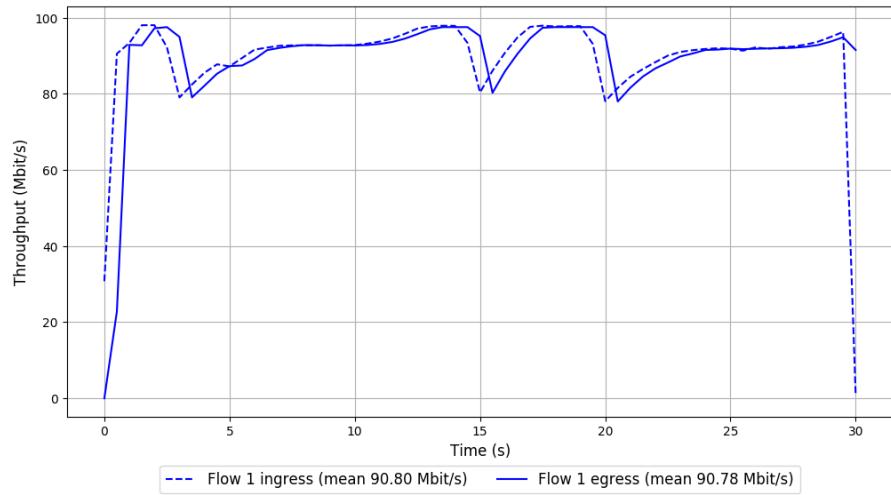


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-06-05 22:44:36
End at: 2018-06-05 22:45:06
Local clock offset: 0.393 ms
Remote clock offset: -2.347 ms

# Below is generated by plot.py at 2018-06-05 23:08:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 39.285 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 39.285 ms
Loss rate: 0.22%
```

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

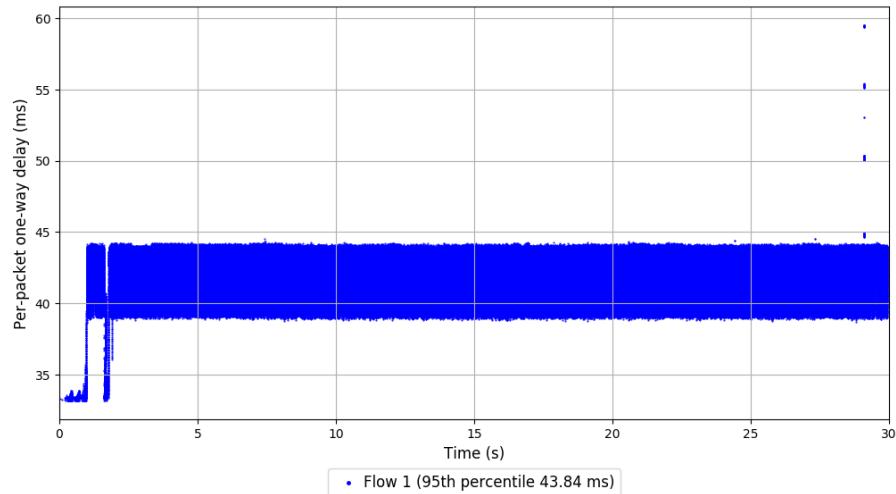
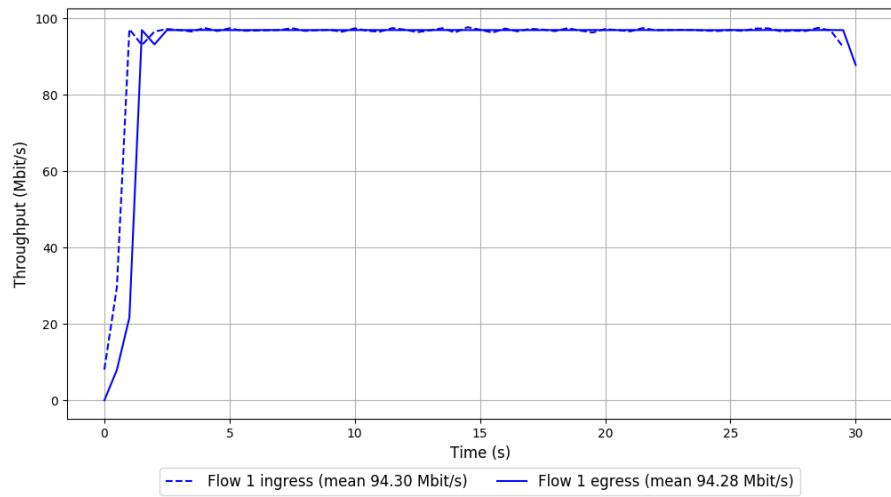


```
Run 1: Statistics of FillP
```

```
Start at: 2018-06-05 19:30:38
End at: 2018-06-05 19:31:08
Local clock offset: 1.045 ms
Remote clock offset: -2.175 ms

# Below is generated by plot.py at 2018-06-05 23:08:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 43.845 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 43.845 ms
Loss rate: 0.23%
```

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

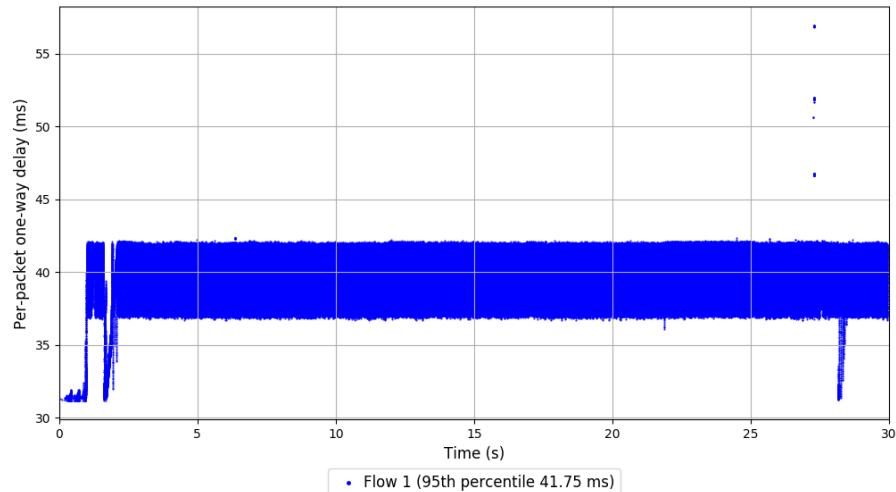
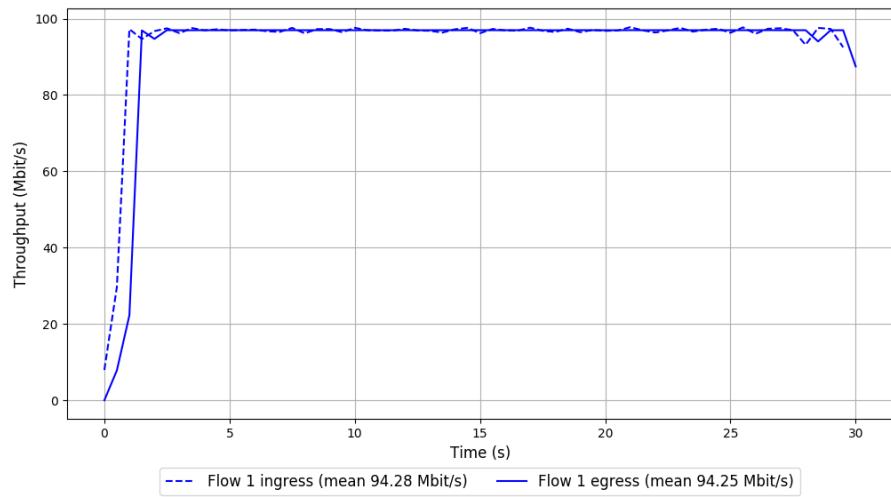


Run 2: Statistics of FillP

```
Start at: 2018-06-05 19:51:33
End at: 2018-06-05 19:52:03
Local clock offset: 1.33 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-06-05 23:08:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 41.750 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 41.750 ms
Loss rate: 0.23%
```

## Run 2: Report of FillP — Data Link

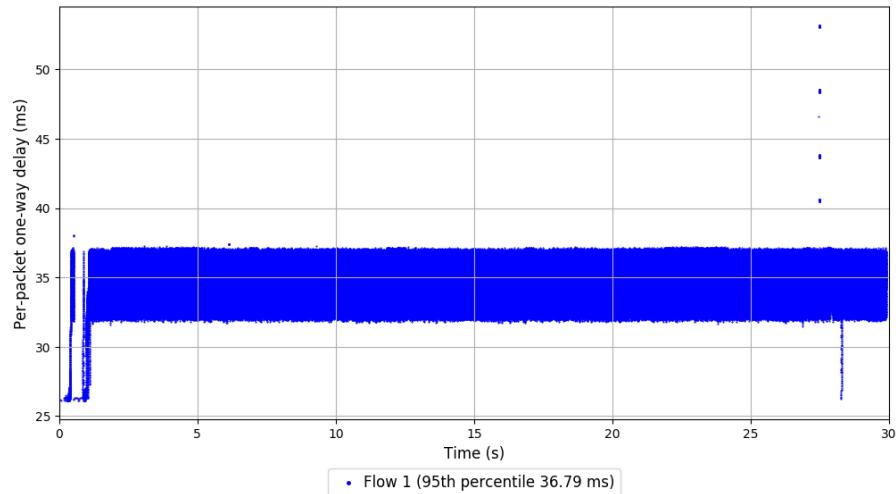
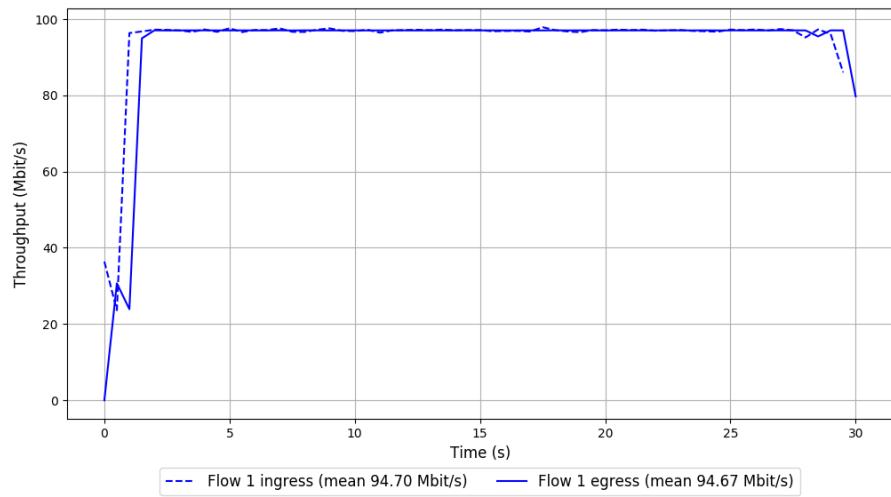


Run 3: Statistics of FillP

```
Start at: 2018-06-05 20:12:29
End at: 2018-06-05 20:12:59
Local clock offset: 0.84 ms
Remote clock offset: 0.03 ms

# Below is generated by plot.py at 2018-06-05 23:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 36.790 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 36.790 ms
Loss rate: 0.22%
```

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

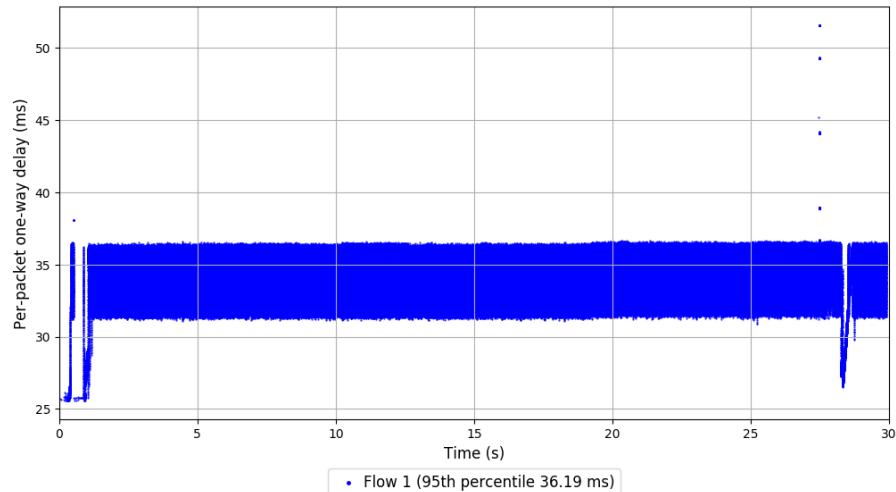
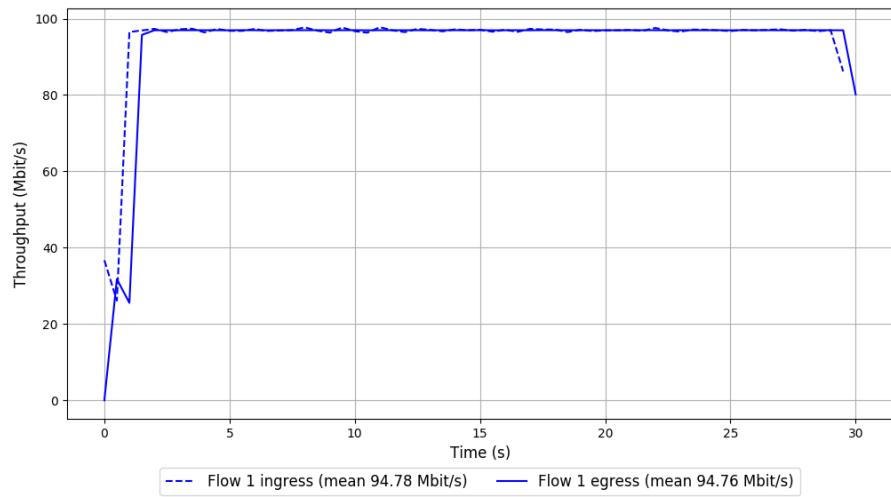


Run 4: Statistics of FillP

```
Start at: 2018-06-05 20:33:30
End at: 2018-06-05 20:34:00
Local clock offset: 0.476 ms
Remote clock offset: 0.222 ms

# Below is generated by plot.py at 2018-06-05 23:09:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 36.188 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 36.188 ms
Loss rate: 0.22%
```

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

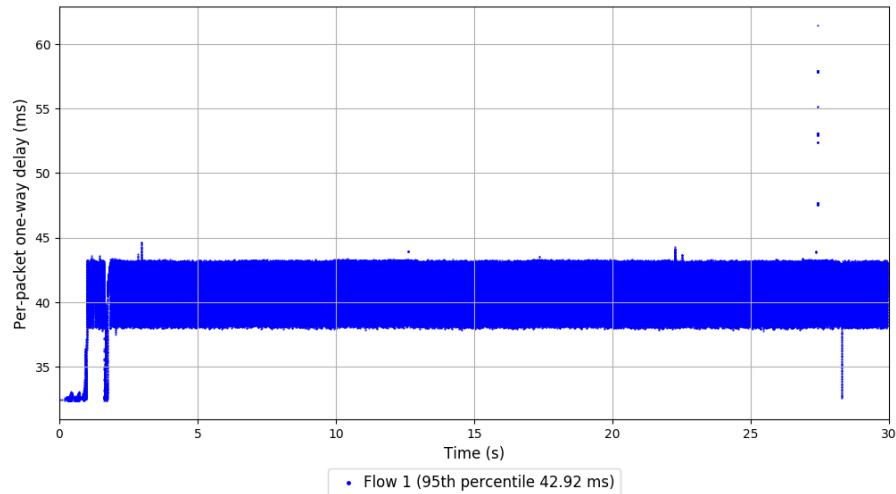
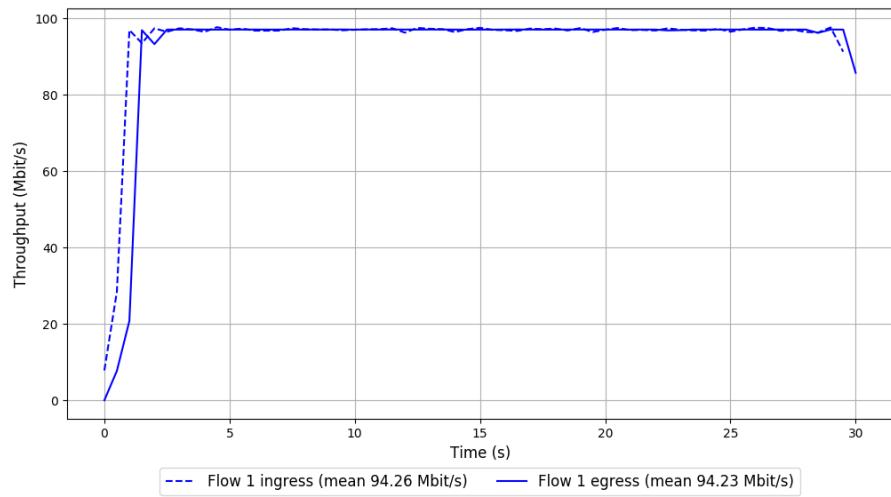


Run 5: Statistics of FillP

```
Start at: 2018-06-05 20:54:30
End at: 2018-06-05 20:55:00
Local clock offset: 0.415 ms
Remote clock offset: -2.744 ms

# Below is generated by plot.py at 2018-06-05 23:09:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.23 Mbit/s
95th percentile per-packet one-way delay: 42.924 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 94.23 Mbit/s
95th percentile per-packet one-way delay: 42.924 ms
Loss rate: 0.24%
```

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

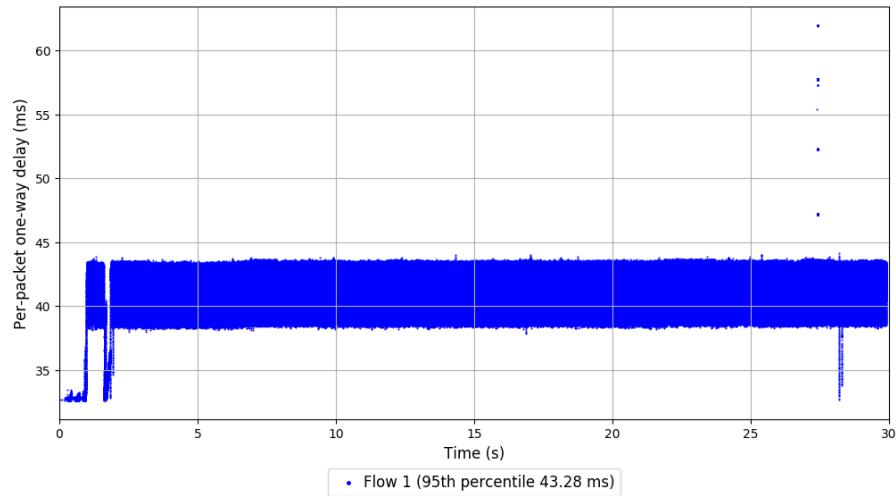
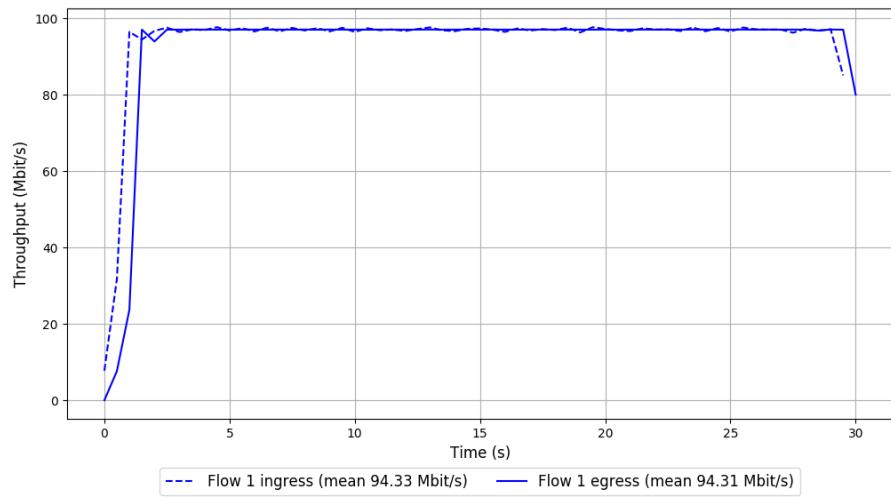


Run 6: Statistics of FillP

```
Start at: 2018-06-05 21:15:25
End at: 2018-06-05 21:15:55
Local clock offset: 0.433 ms
Remote clock offset: -2.675 ms

# Below is generated by plot.py at 2018-06-05 23:09:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 43.280 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 43.280 ms
Loss rate: 0.23%
```

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

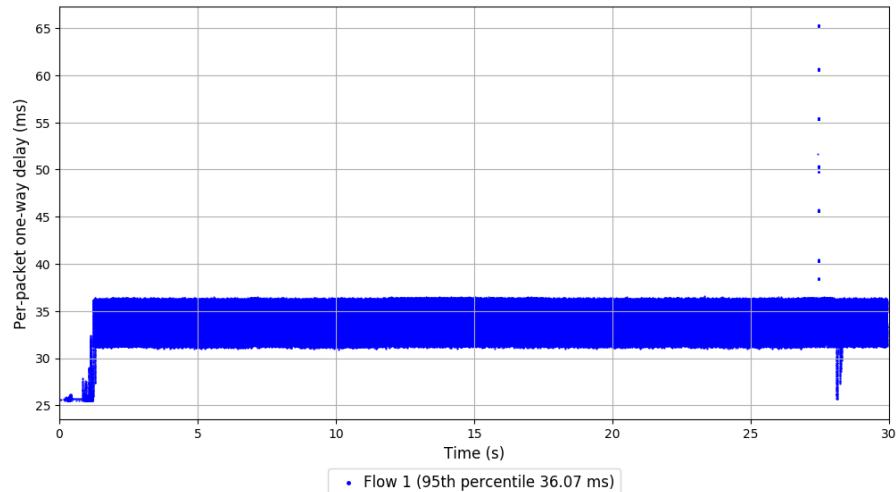
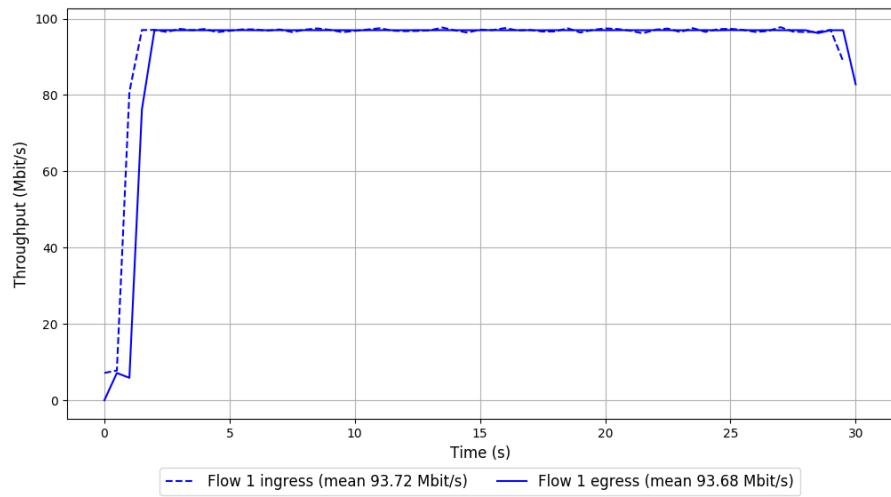


Run 7: Statistics of FillP

```
Start at: 2018-06-05 21:36:30
End at: 2018-06-05 21:37:00
Local clock offset: 0.319 ms
Remote clock offset: 0.01 ms

# Below is generated by plot.py at 2018-06-05 23:09:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 36.074 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 36.074 ms
Loss rate: 0.23%
```

## Run 7: Report of FillP — Data Link

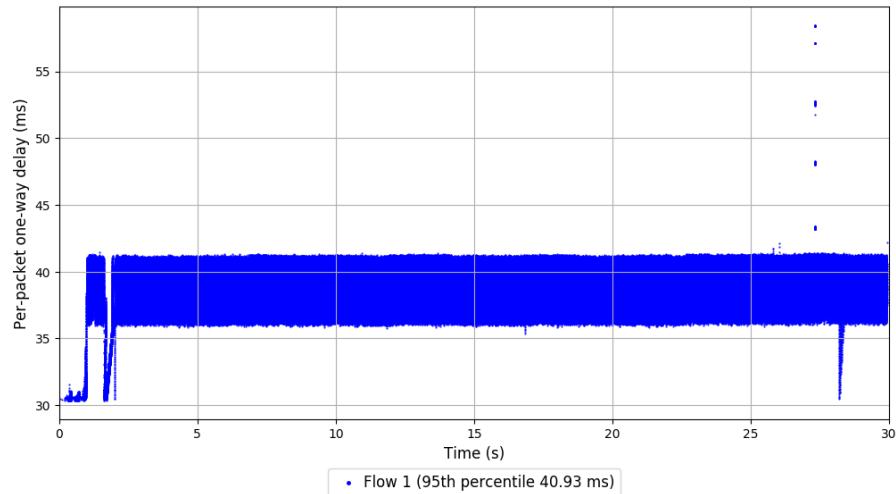
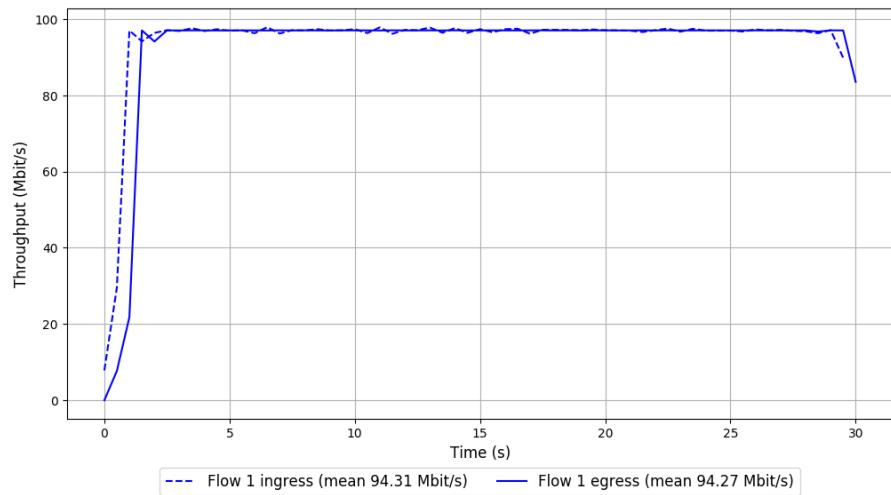


Run 8: Statistics of FillP

```
Start at: 2018-06-05 21:57:28
End at: 2018-06-05 21:57:58
Local clock offset: 0.063 ms
Remote clock offset: -0.816 ms

# Below is generated by plot.py at 2018-06-05 23:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 40.933 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 40.933 ms
Loss rate: 0.24%
```

### Run 8: Report of FillP — Data Link

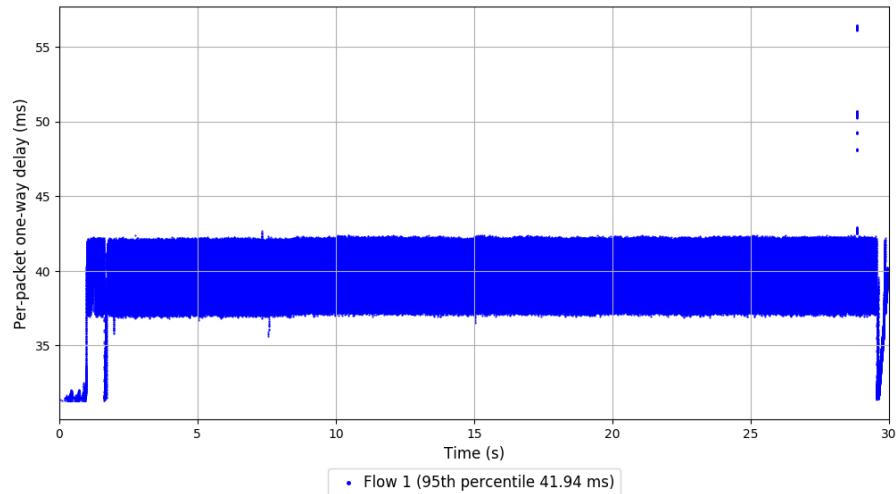
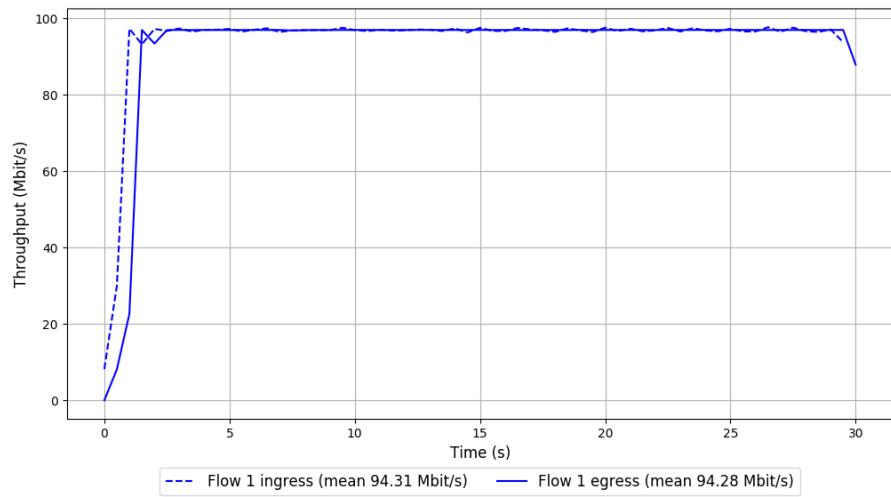


```
Run 9: Statistics of FillP
```

```
Start at: 2018-06-05 22:18:25
End at: 2018-06-05 22:18:55
Local clock offset: 0.196 ms
Remote clock offset: -1.156 ms

# Below is generated by plot.py at 2018-06-05 23:10:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 41.936 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 41.936 ms
Loss rate: 0.24%
```

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

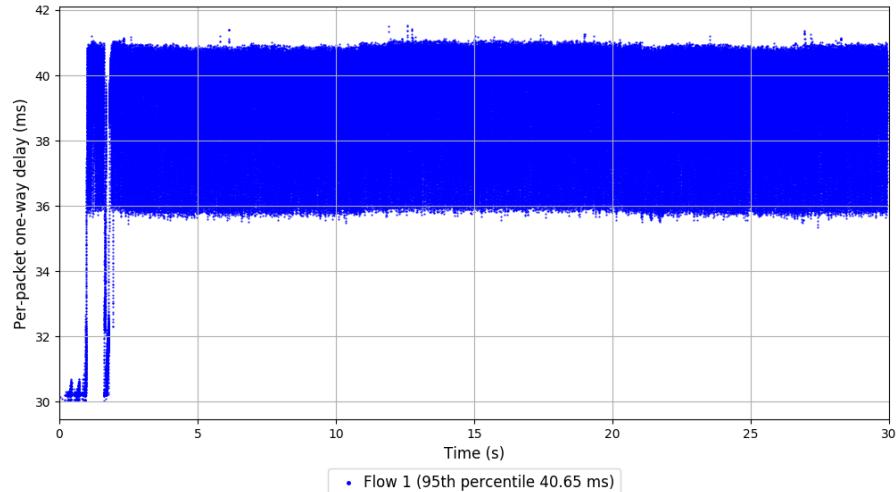
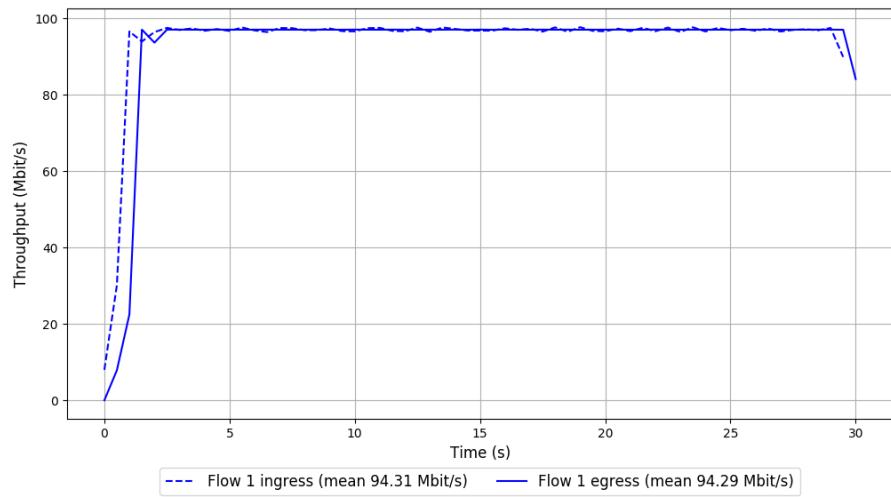


```
Run 10: Statistics of FillP
```

```
Start at: 2018-06-05 22:39:22
End at: 2018-06-05 22:39:52
Local clock offset: 0.235 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at 2018-06-05 23:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.29 Mbit/s
95th percentile per-packet one-way delay: 40.649 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 94.29 Mbit/s
95th percentile per-packet one-way delay: 40.649 ms
Loss rate: 0.24%
```

## Run 10: Report of FillP — Data Link

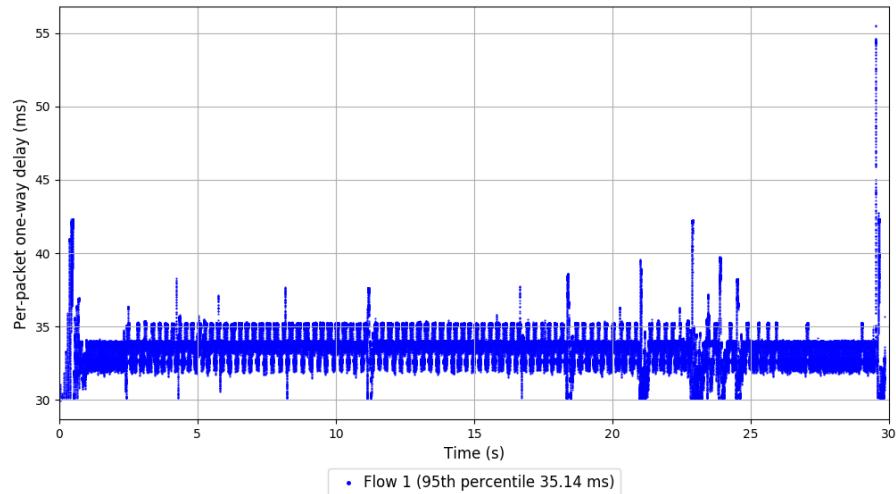
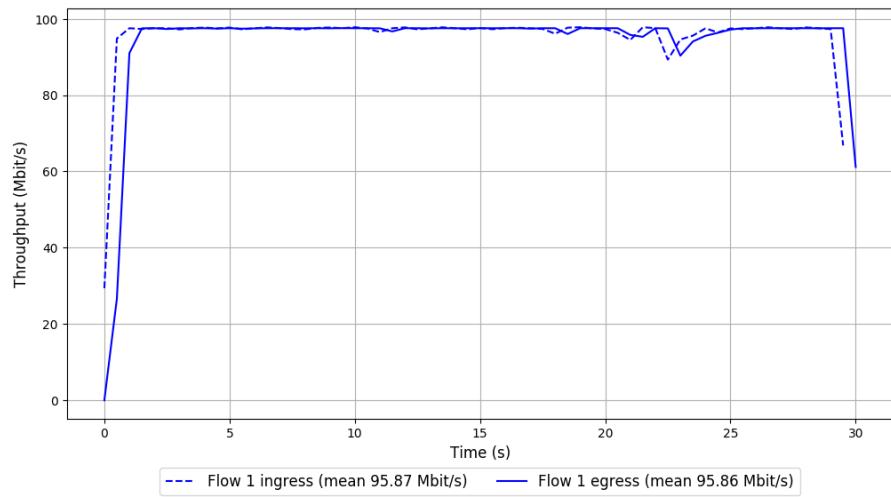


Run 1: Statistics of Indigo

```
Start at: 2018-06-05 19:42:28
End at: 2018-06-05 19:42:58
Local clock offset: 1.311 ms
Remote clock offset: 0.277 ms

# Below is generated by plot.py at 2018-06-05 23:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 35.136 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 35.136 ms
Loss rate: 0.21%
```

## Run 1: Report of Indigo — Data Link

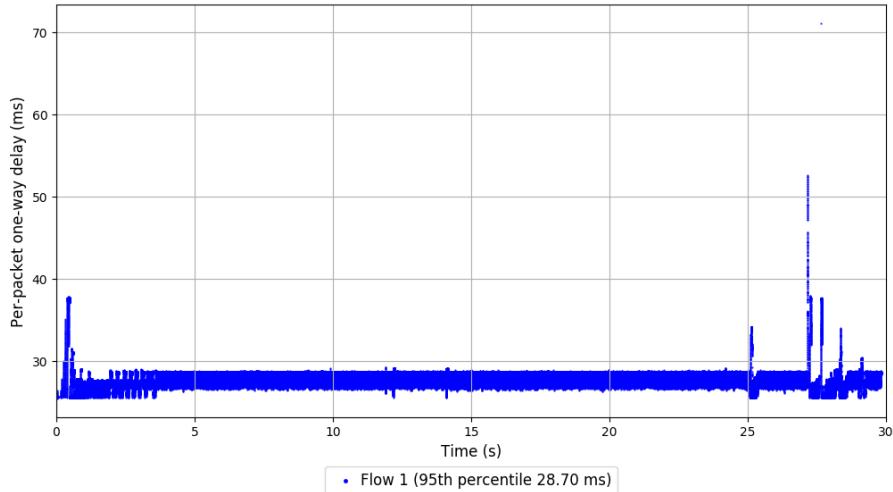
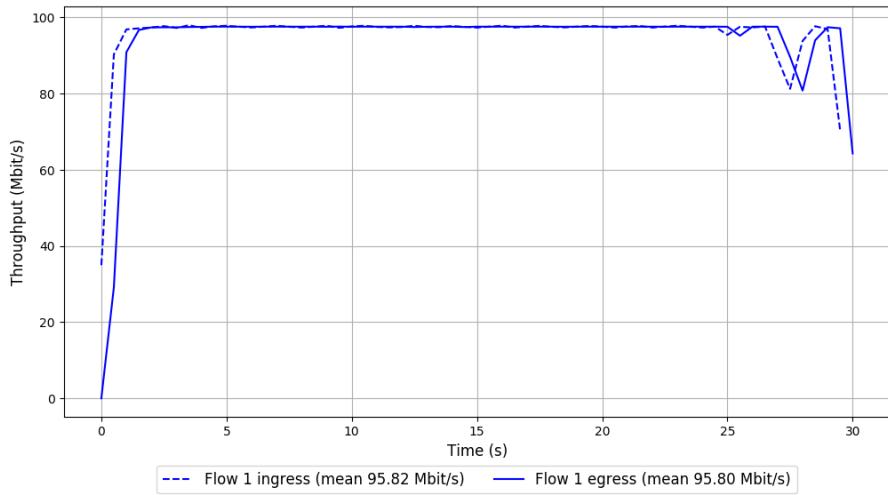


Run 2: Statistics of Indigo

```
Start at: 2018-06-05 20:03:24
End at: 2018-06-05 20:03:54
Local clock offset: 1.5 ms
Remote clock offset: 0.501 ms

# Below is generated by plot.py at 2018-06-05 23:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 28.703 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 28.703 ms
Loss rate: 0.20%
```

## Run 2: Report of Indigo — Data Link

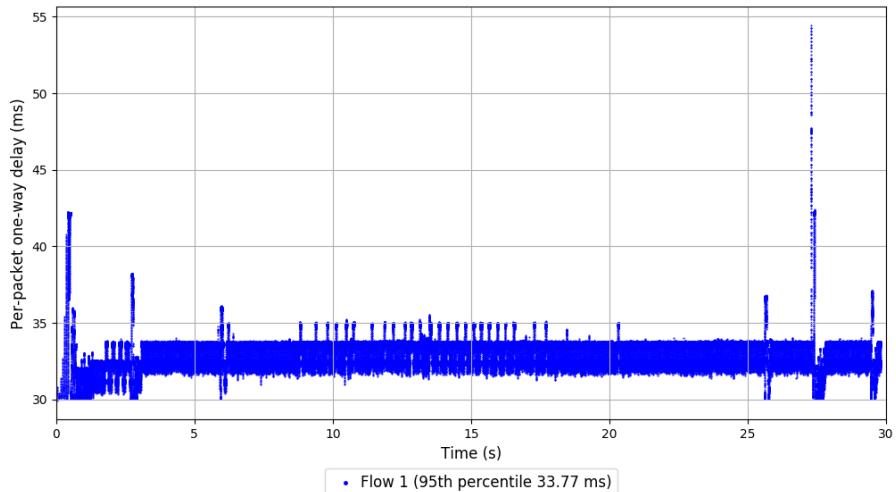
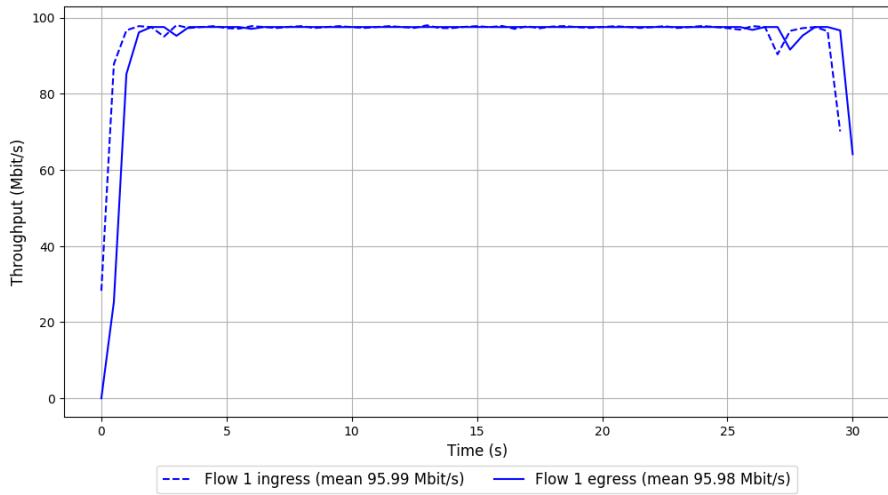


Run 3: Statistics of Indigo

```
Start at: 2018-06-05 20:24:23
End at: 2018-06-05 20:24:53
Local clock offset: 0.58 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-06-05 23:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 33.771 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 33.771 ms
Loss rate: 0.21%
```

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

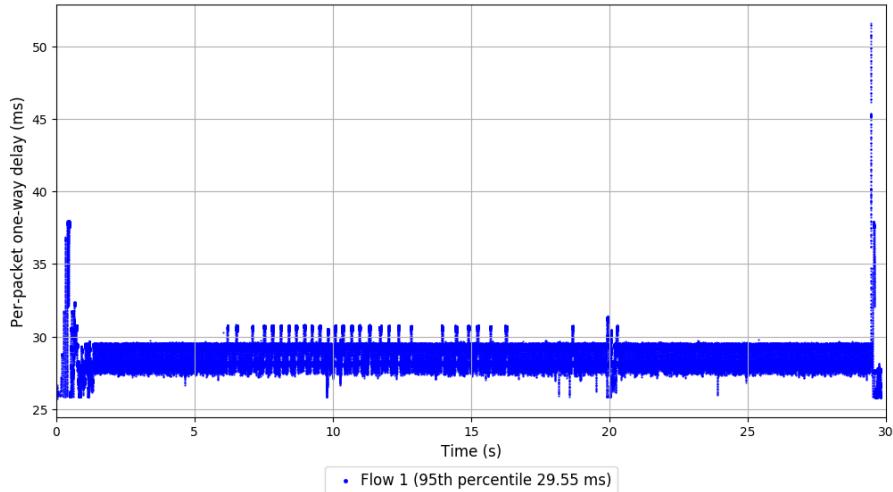
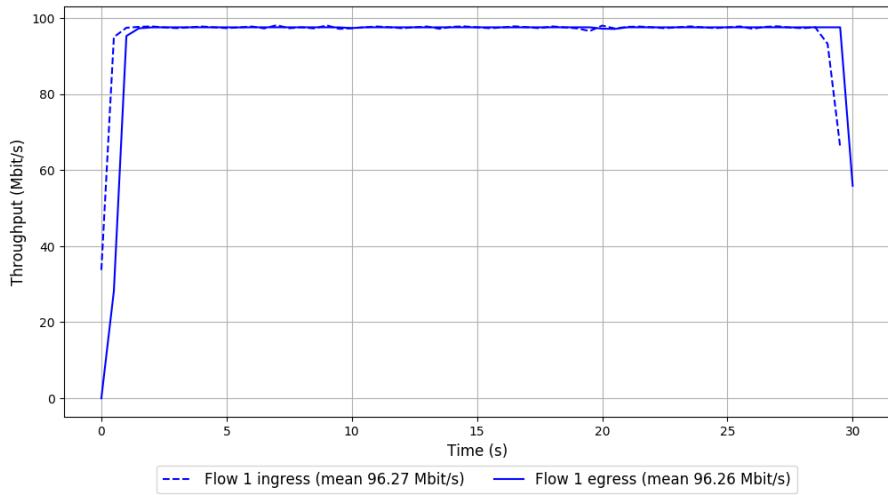


Run 4: Statistics of Indigo

```
Start at: 2018-06-05 20:45:24
End at: 2018-06-05 20:45:54
Local clock offset: 0.494 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-06-05 23:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 29.550 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 29.550 ms
Loss rate: 0.20%
```

## Run 4: Report of Indigo — Data Link

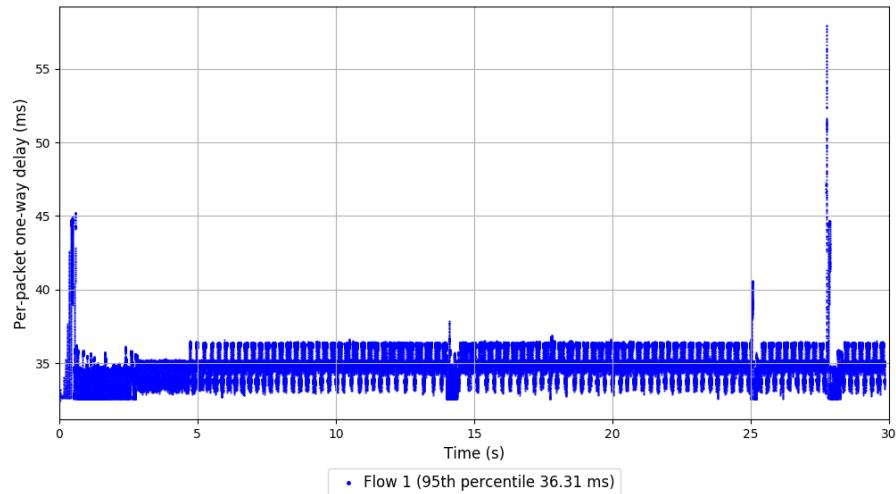
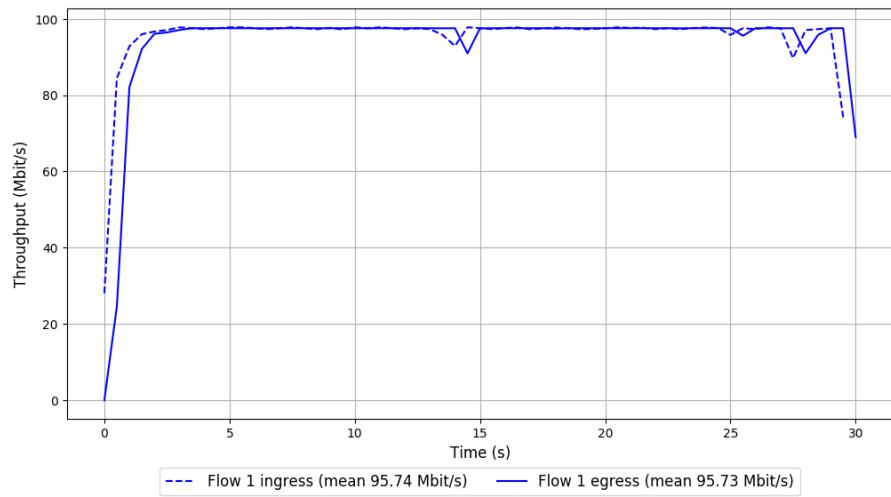


Run 5: Statistics of Indigo

```
Start at: 2018-06-05 21:06:22
End at: 2018-06-05 21:06:52
Local clock offset: 0.477 ms
Remote clock offset: -2.801 ms

# Below is generated by plot.py at 2018-06-05 23:10:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 36.314 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 36.314 ms
Loss rate: 0.21%
```

## Run 5: Report of Indigo — Data Link

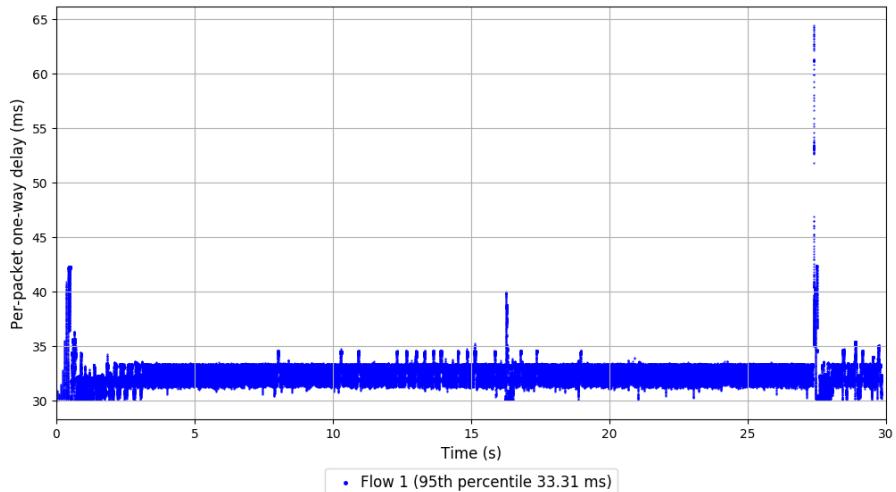
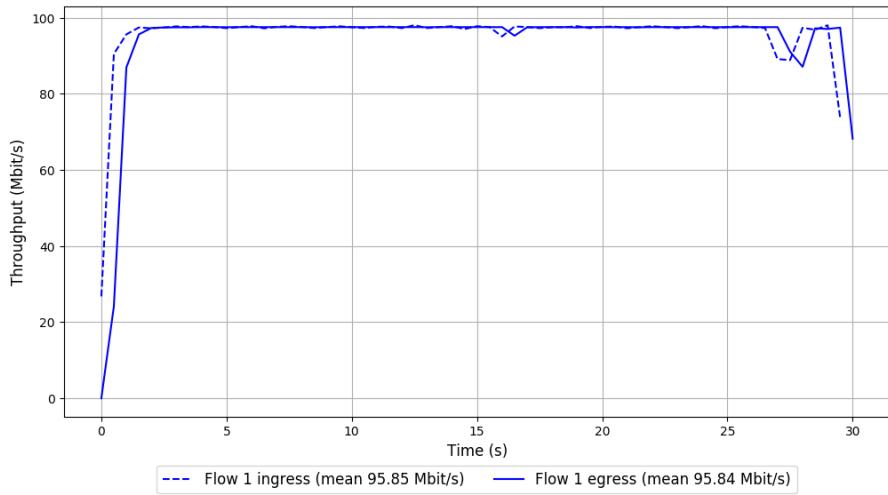


Run 6: Statistics of Indigo

```
Start at: 2018-06-05 21:27:23
End at: 2018-06-05 21:27:53
Local clock offset: 0.517 ms
Remote clock offset: 0.279 ms

# Below is generated by plot.py at 2018-06-05 23:10:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 33.315 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 33.315 ms
Loss rate: 0.21%
```

## Run 6: Report of Indigo — Data Link

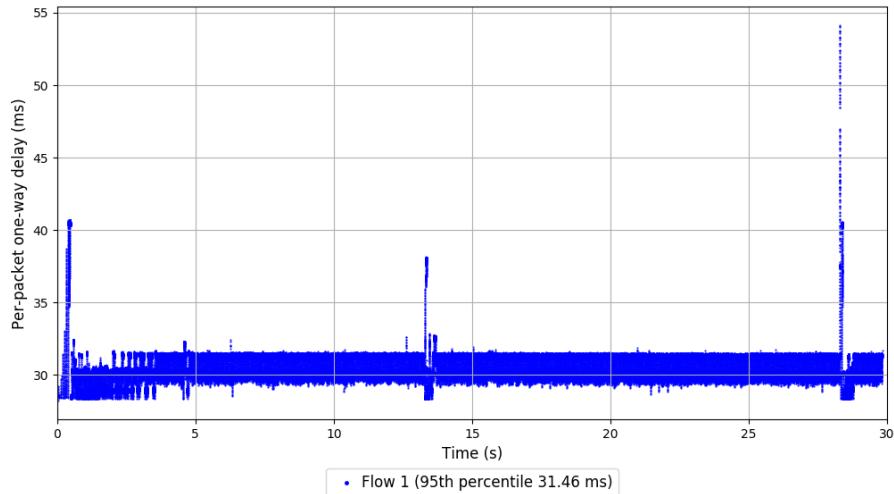
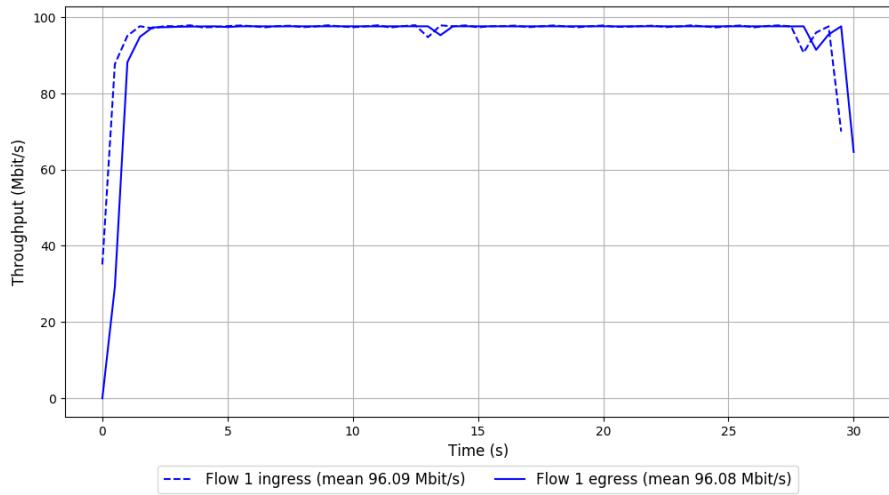


Run 7: Statistics of Indigo

```
Start at: 2018-06-05 21:48:24
End at: 2018-06-05 21:48:54
Local clock offset: 0.152 ms
Remote clock offset: -2.211 ms

# Below is generated by plot.py at 2018-06-05 23:11:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 31.458 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 31.458 ms
Loss rate: 0.20%
```

## Run 7: Report of Indigo — Data Link

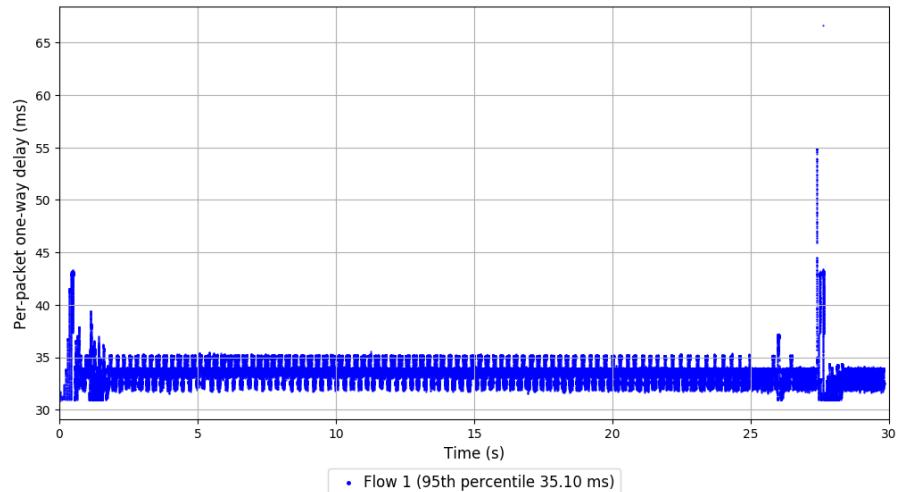
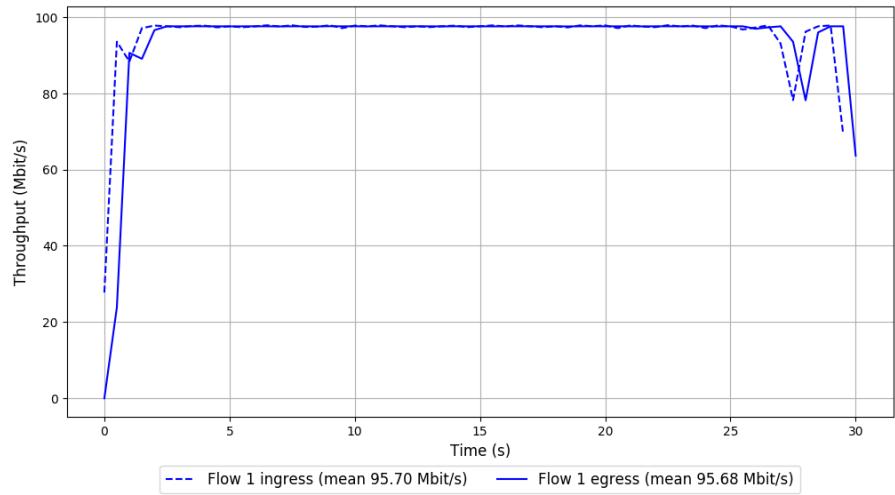


Run 8: Statistics of Indigo

```
Start at: 2018-06-05 22:09:19
End at: 2018-06-05 22:09:49
Local clock offset: 0.128 ms
Remote clock offset: -0.604 ms

# Below is generated by plot.py at 2018-06-05 23:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 35.098 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 35.098 ms
Loss rate: 0.21%
```

## Run 8: Report of Indigo — Data Link

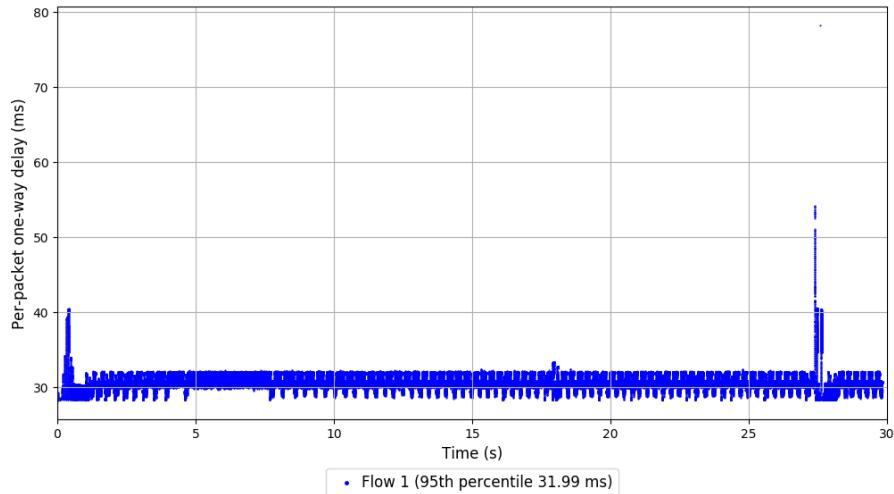
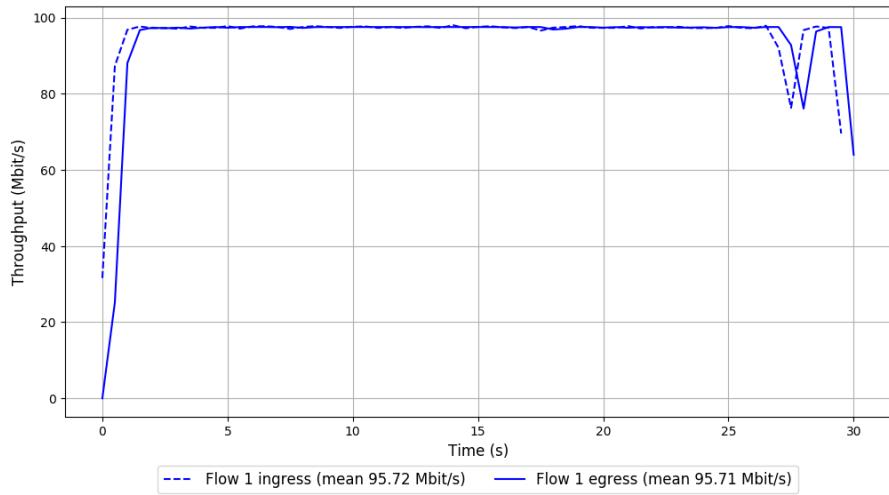


Run 9: Statistics of Indigo

```
Start at: 2018-06-05 22:30:17
End at: 2018-06-05 22:30:47
Local clock offset: 0.191 ms
Remote clock offset: -2.614 ms

# Below is generated by plot.py at 2018-06-05 23:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 31.990 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 31.990 ms
Loss rate: 0.20%
```

## Run 9: Report of Indigo — Data Link

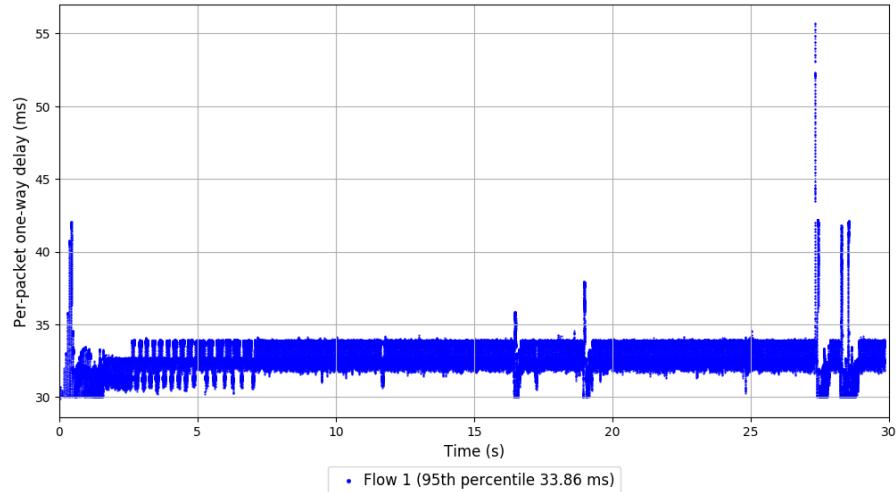
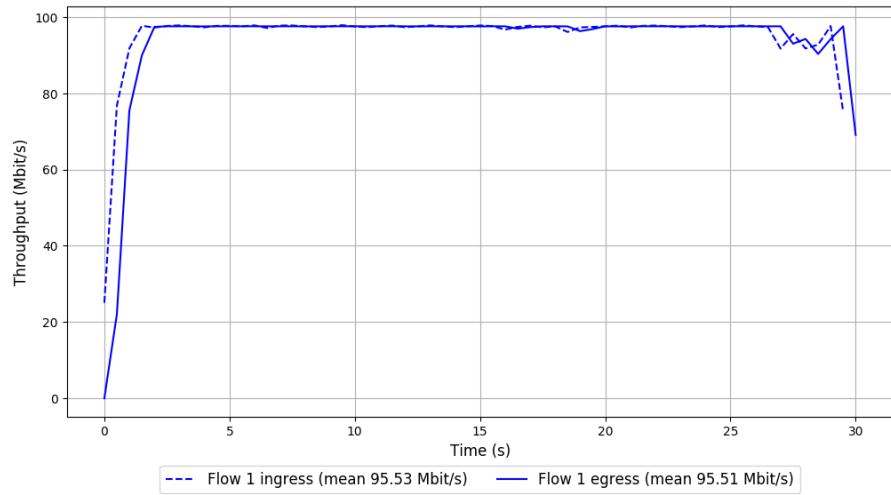


Run 10: Statistics of Indigo

```
Start at: 2018-06-05 22:51:11
End at: 2018-06-05 22:51:41
Local clock offset: 0.35 ms
Remote clock offset: 0.256 ms

# Below is generated by plot.py at 2018-06-05 23:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 33.859 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 33.859 ms
Loss rate: 0.22%
```

## Run 10: Report of Indigo — Data Link

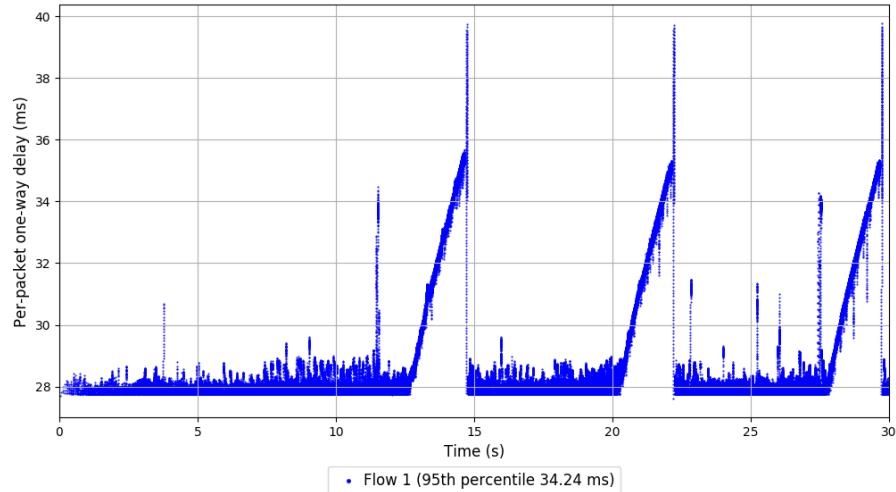
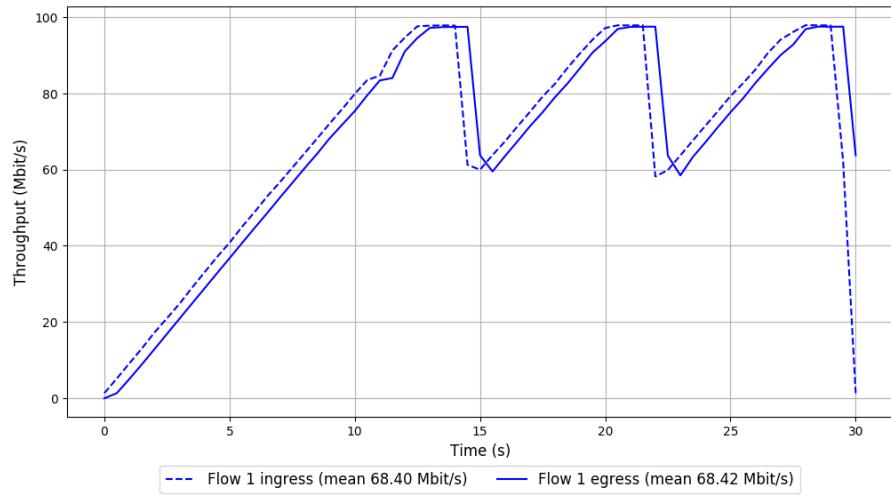


```
Run 1: Statistics of LEDBAT

Start at: 2018-06-05 19:45:07
End at: 2018-06-05 19:45:37
Local clock offset: 1.341 ms
Remote clock offset: -2.114 ms

# Below is generated by plot.py at 2018-06-05 23:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.42 Mbit/s
95th percentile per-packet one-way delay: 34.238 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 68.42 Mbit/s
95th percentile per-packet one-way delay: 34.238 ms
Loss rate: 0.16%
```

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

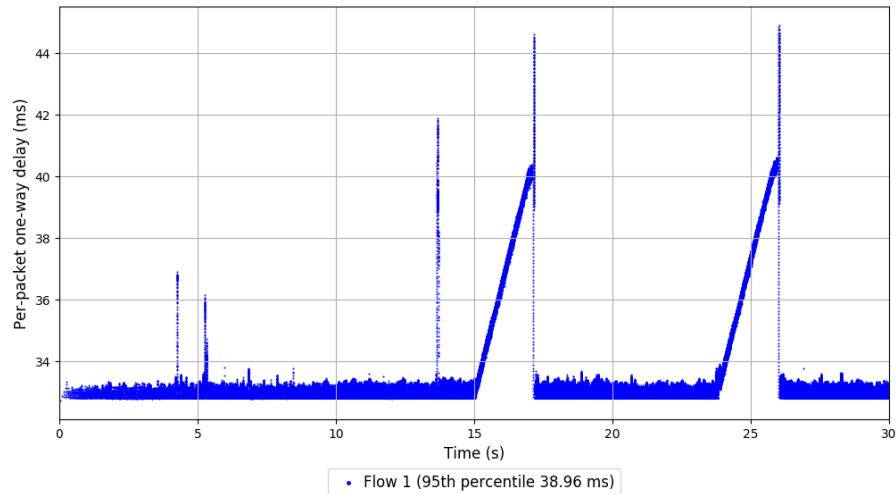
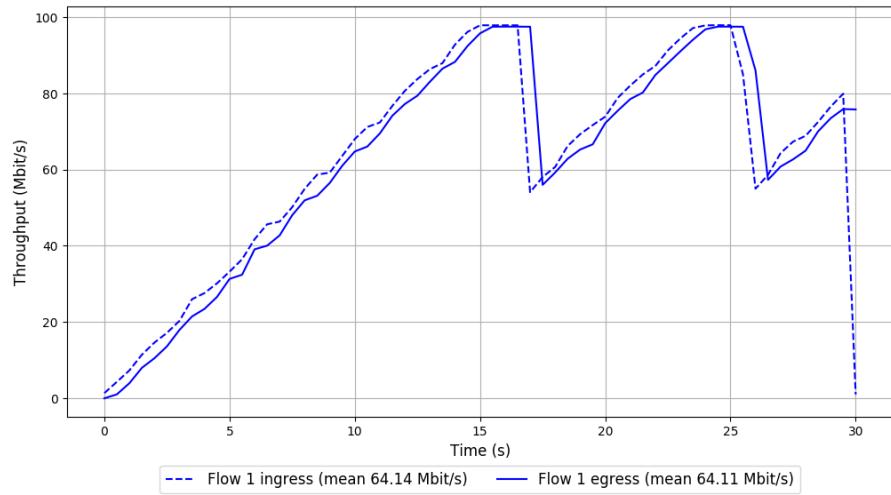


Run 2: Statistics of LEDBAT

```
Start at: 2018-06-05 20:06:02
End at: 2018-06-05 20:06:32
Local clock offset: 1.367 ms
Remote clock offset: -1.738 ms

# Below is generated by plot.py at 2018-06-05 23:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 38.960 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 38.960 ms
Loss rate: 0.26%
```

## Run 2: Report of LEDBAT — Data Link

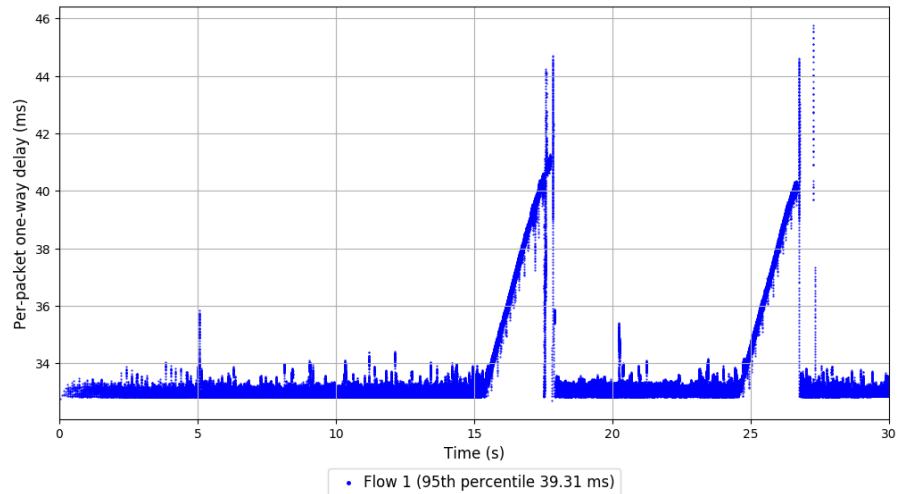
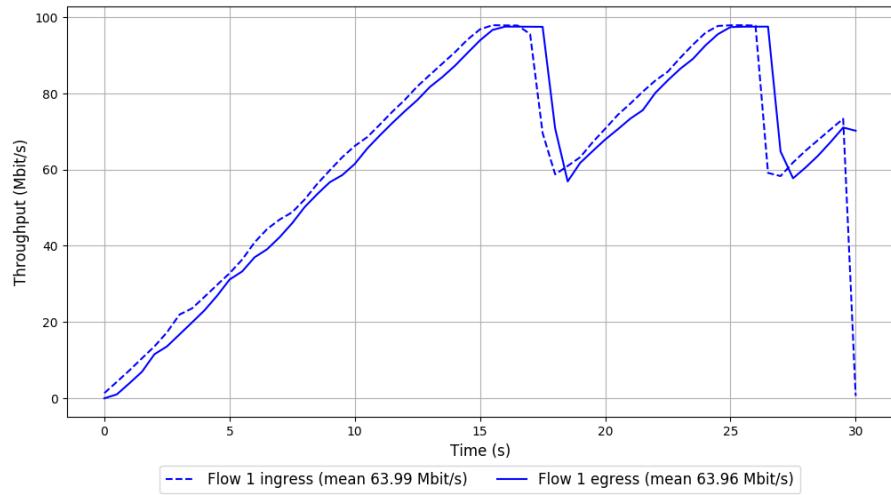


Run 3: Statistics of LEDBAT

```
Start at: 2018-06-05 20:27:02
End at: 2018-06-05 20:27:32
Local clock offset: 0.545 ms
Remote clock offset: -2.035 ms

# Below is generated by plot.py at 2018-06-05 23:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 39.306 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 39.306 ms
Loss rate: 0.24%
```

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

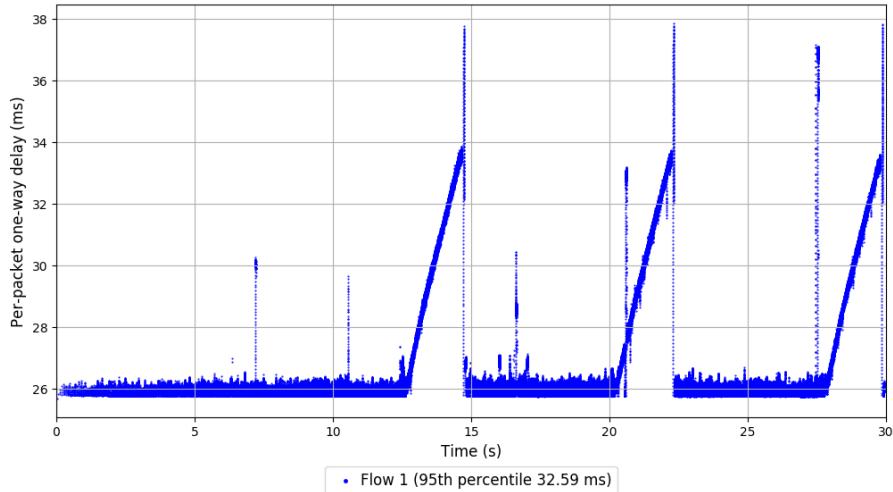
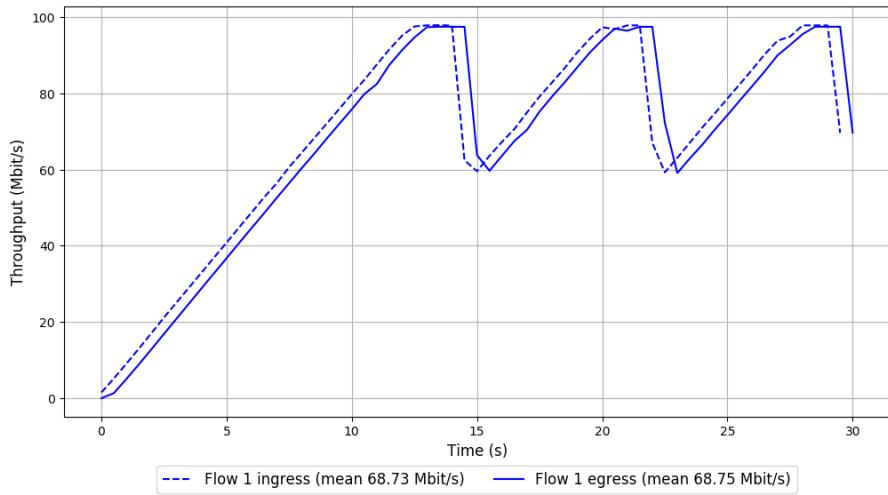


Run 4: Statistics of LEDBAT

```
Start at: 2018-06-05 20:48:03
End at: 2018-06-05 20:48:33
Local clock offset: 0.519 ms
Remote clock offset: -0.529 ms

# Below is generated by plot.py at 2018-06-05 23:11:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.75 Mbit/s
95th percentile per-packet one-way delay: 32.595 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 68.75 Mbit/s
95th percentile per-packet one-way delay: 32.595 ms
Loss rate: 0.15%
```

## Run 4: Report of LEDBAT — Data Link

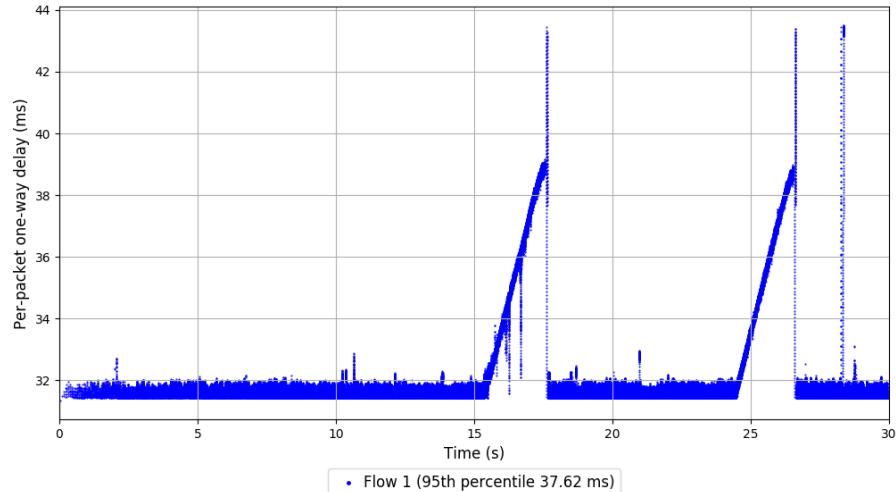
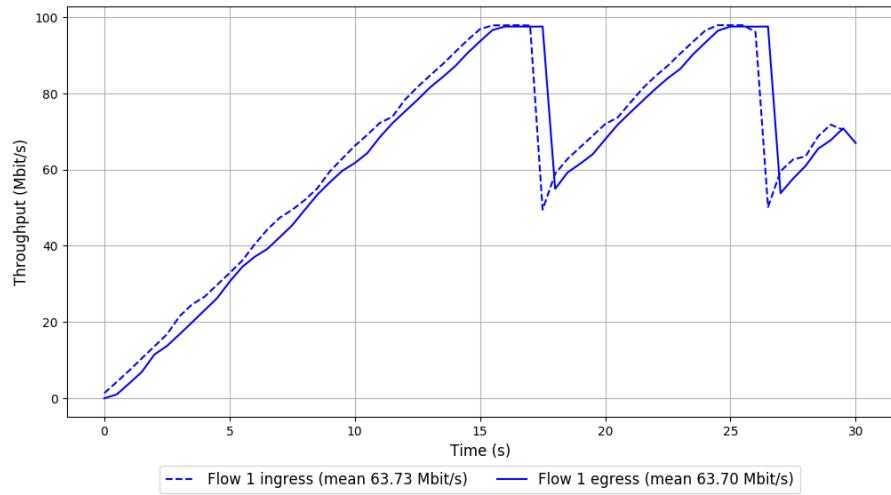


Run 5: Statistics of LEDBAT

```
Start at: 2018-06-05 21:09:00
End at: 2018-06-05 21:09:30
Local clock offset: 0.418 ms
Remote clock offset: -0.777 ms

# Below is generated by plot.py at 2018-06-05 23:11:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.70 Mbit/s
95th percentile per-packet one-way delay: 37.620 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 63.70 Mbit/s
95th percentile per-packet one-way delay: 37.620 ms
Loss rate: 0.24%
```

Run 5: Report of LEDBAT — Data Link

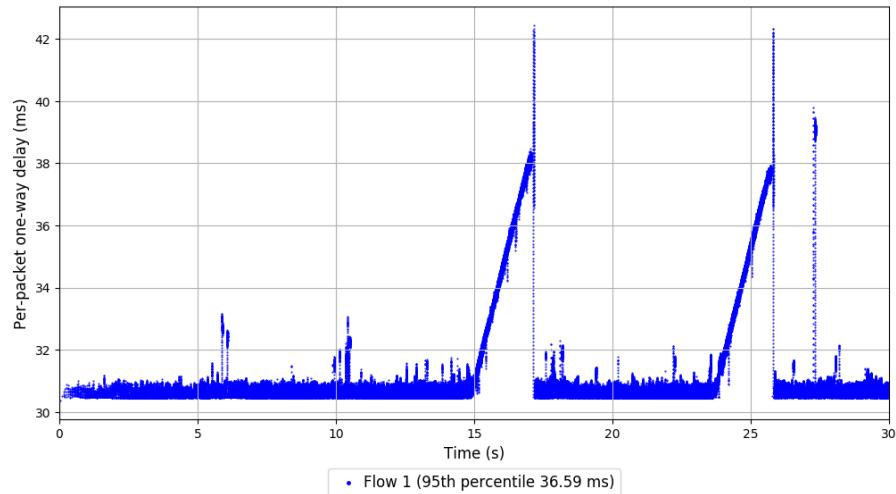
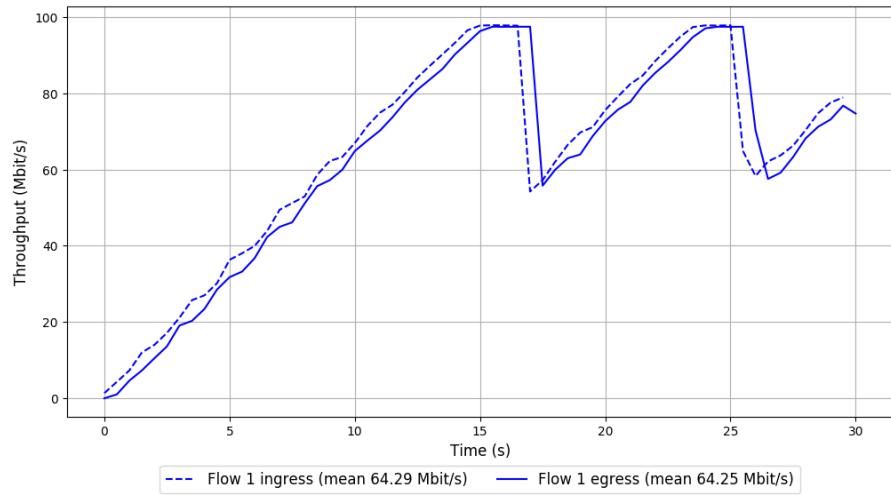


Run 6: Statistics of LEDBAT

```
Start at: 2018-06-05 21:30:01
End at: 2018-06-05 21:30:31
Local clock offset: 0.411 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-06-05 23:11:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.25 Mbit/s
95th percentile per-packet one-way delay: 36.589 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 64.25 Mbit/s
95th percentile per-packet one-way delay: 36.589 ms
Loss rate: 0.26%
```

## Run 6: Report of LEDBAT — Data Link

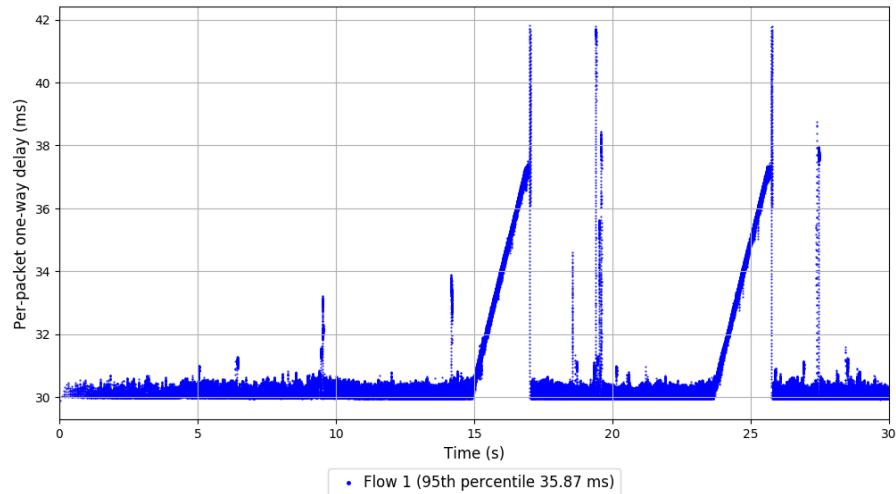
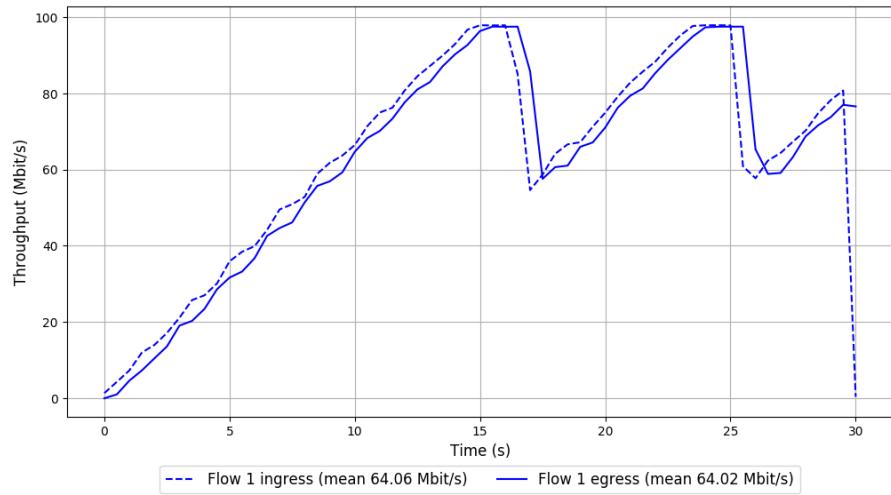


Run 7: Statistics of LEDBAT

```
Start at: 2018-06-05 21:51:02
End at: 2018-06-05 21:51:32
Local clock offset: 0.045 ms
Remote clock offset: 0.044 ms

# Below is generated by plot.py at 2018-06-05 23:12:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 35.867 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 35.867 ms
Loss rate: 0.26%
```

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

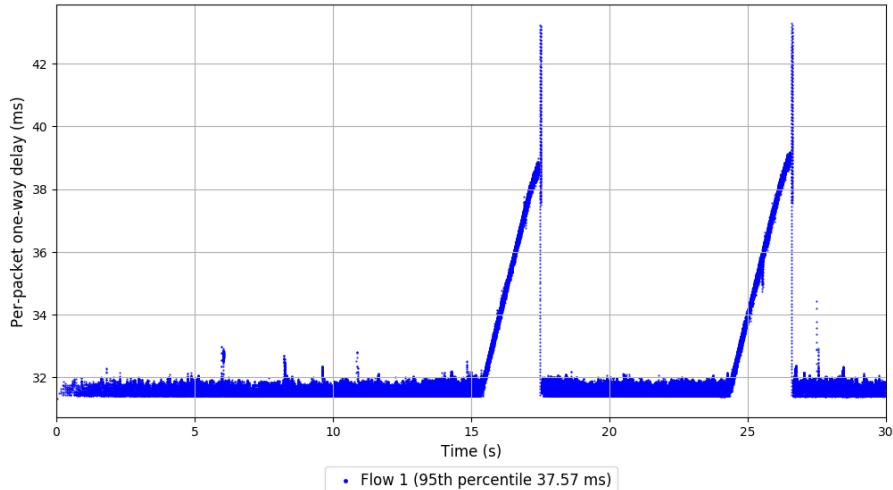
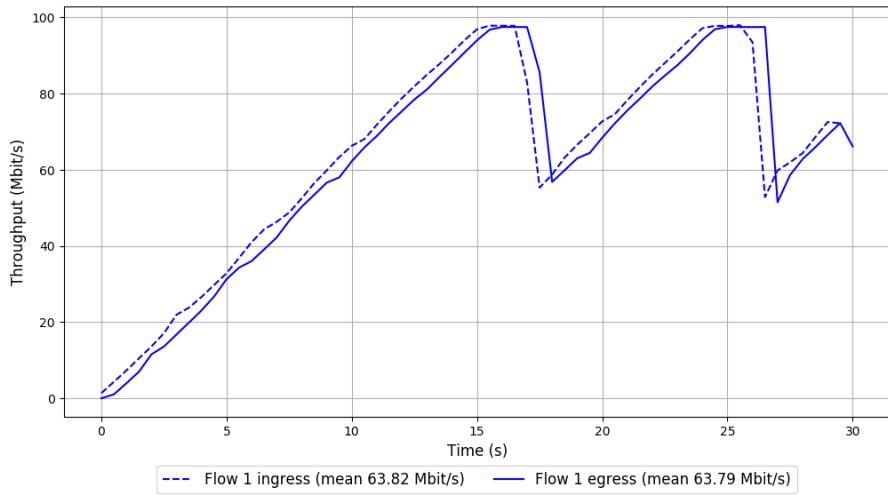


Run 8: Statistics of LEDBAT

```
Start at: 2018-06-05 22:11:58
End at: 2018-06-05 22:12:28
Local clock offset: 0.145 ms
Remote clock offset: -1.106 ms

# Below is generated by plot.py at 2018-06-05 23:12:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 37.566 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 37.566 ms
Loss rate: 0.25%
```

Run 8: Report of LEDBAT — Data Link

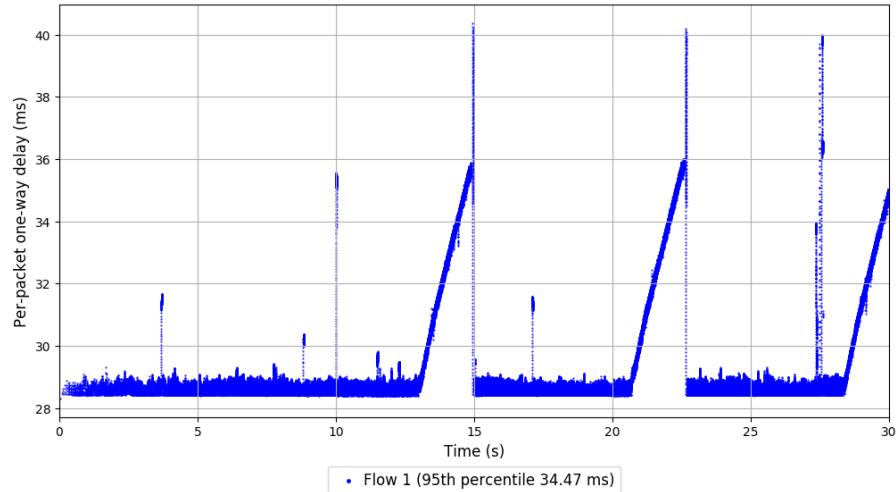
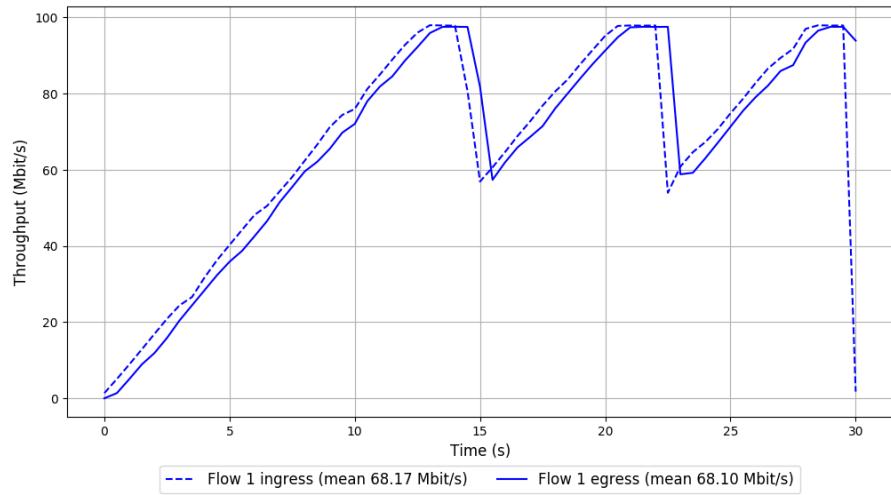


Run 9: Statistics of LEDBAT

```
Start at: 2018-06-05 22:32:56
End at: 2018-06-05 22:33:26
Local clock offset: 0.098 ms
Remote clock offset: -2.581 ms

# Below is generated by plot.py at 2018-06-05 23:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 34.470 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 34.470 ms
Loss rate: 0.30%
```

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

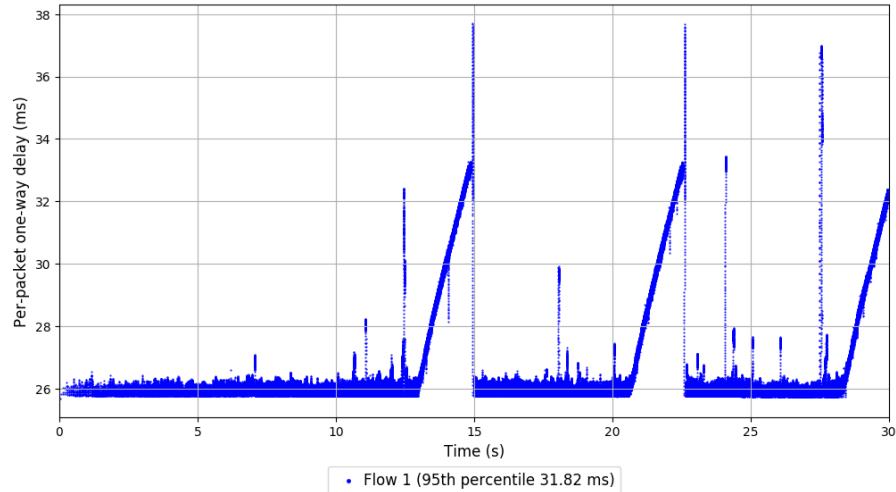
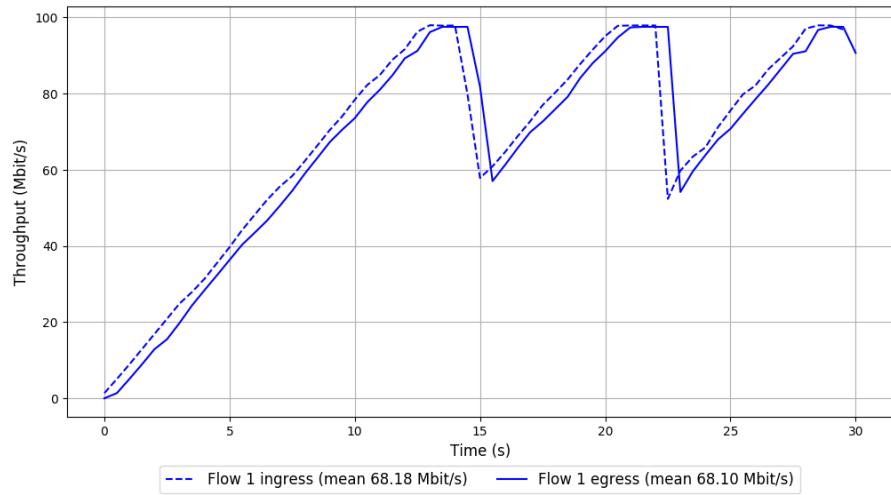


Run 10: Statistics of LEDBAT

```
Start at: 2018-06-05 22:53:49
End at: 2018-06-05 22:54:19
Local clock offset: 0.445 ms
Remote clock offset: -0.185 ms

# Below is generated by plot.py at 2018-06-05 23:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 31.821 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 31.821 ms
Loss rate: 0.30%
```

## Run 10: Report of LEDBAT — Data Link

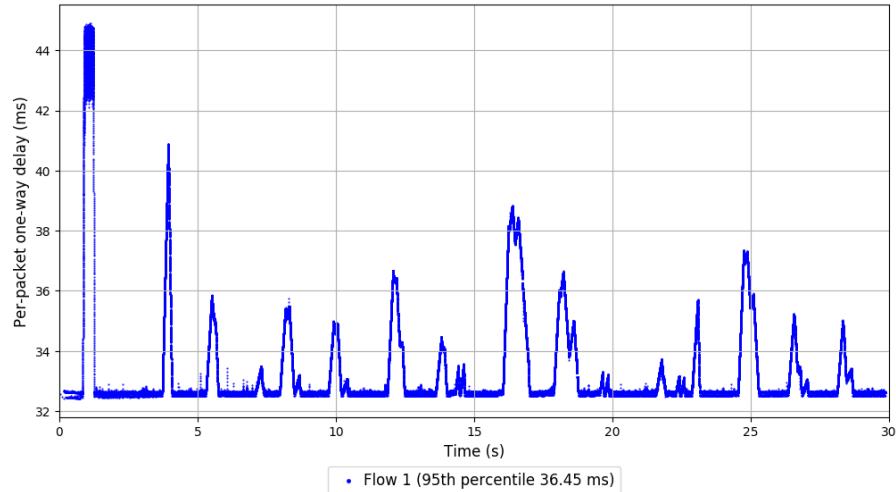
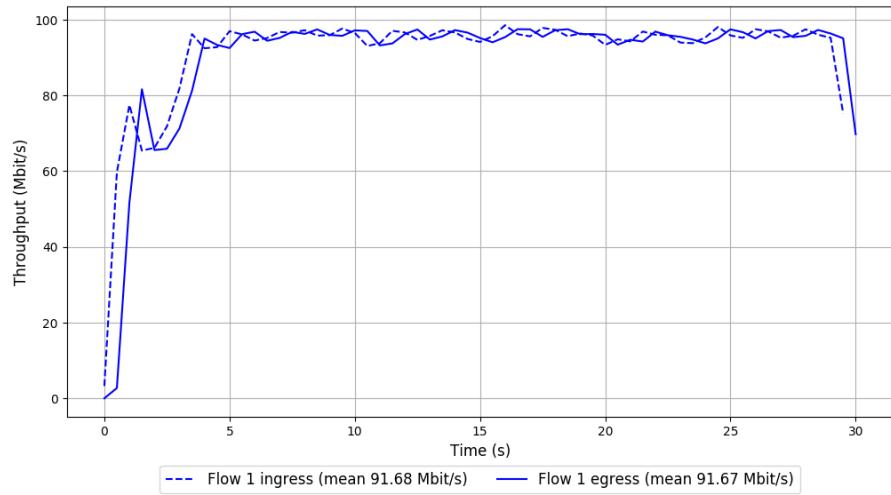


Run 1: Statistics of PCC-Allegro

```
Start at: 2018-06-05 19:50:15
End at: 2018-06-05 19:50:45
Local clock offset: 1.397 ms
Remote clock offset: -2.048 ms

# Below is generated by plot.py at 2018-06-05 23:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 36.452 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 36.452 ms
Loss rate: 0.22%
```

Run 1: Report of PCC-Allegro — Data Link

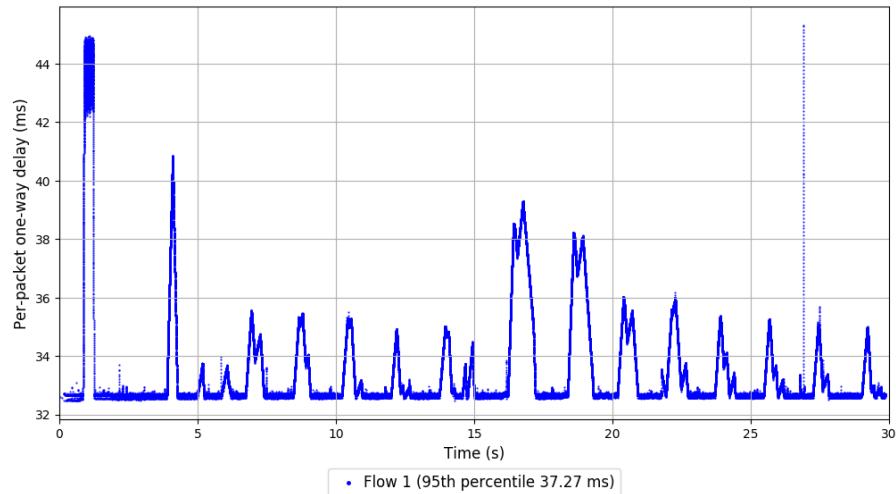
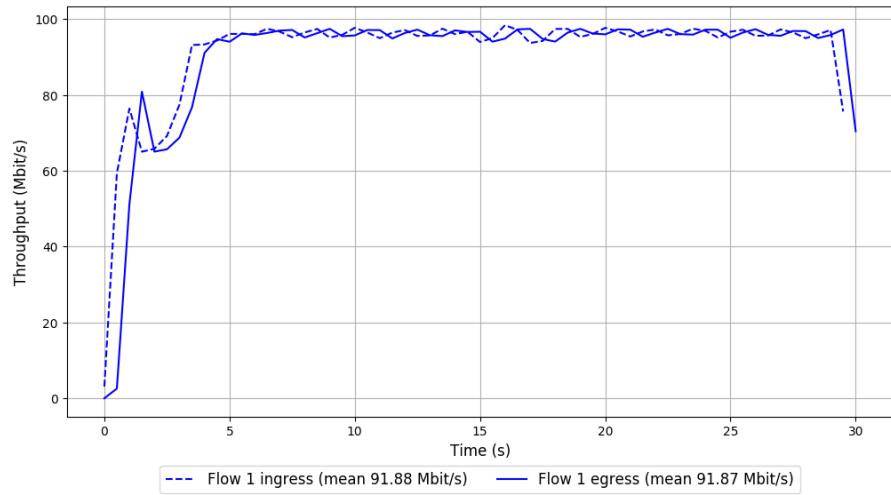


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:11:11
End at: 2018-06-05 20:11:41
Local clock offset: 0.981 ms
Remote clock offset: -2.061 ms

# Below is generated by plot.py at 2018-06-05 23:12:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 37.272 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 37.272 ms
Loss rate: 0.21%
```

Run 2: Report of PCC-Allegro — Data Link

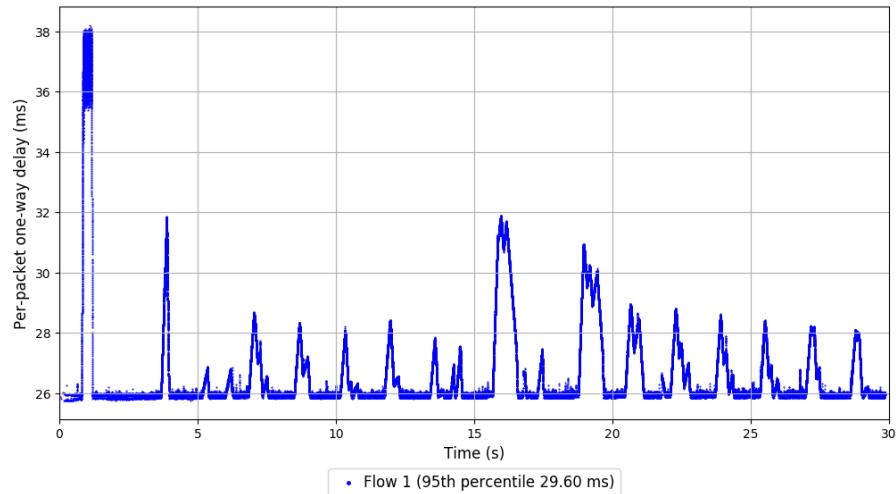
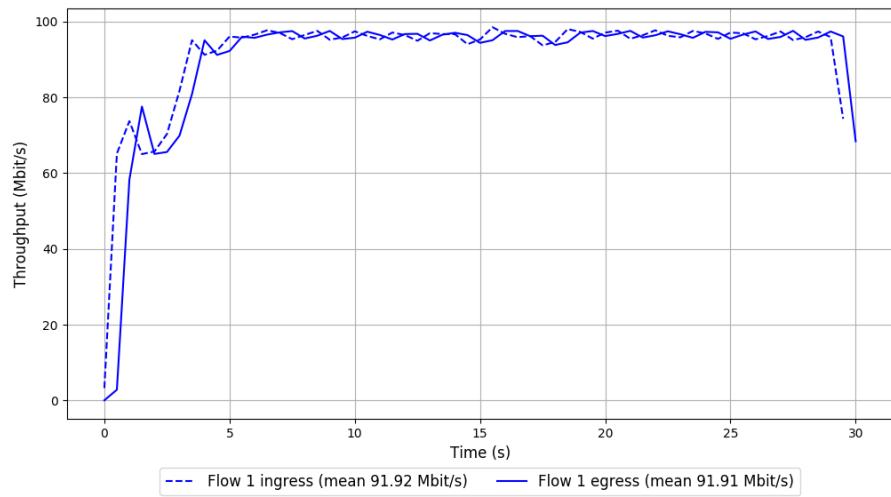


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:32:12
End at: 2018-06-05 20:32:42
Local clock offset: 0.478 ms
Remote clock offset: 0.689 ms

# Below is generated by plot.py at 2018-06-05 23:13:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 29.596 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 29.596 ms
Loss rate: 0.20%
```

Run 3: Report of PCC-Allegro — Data Link

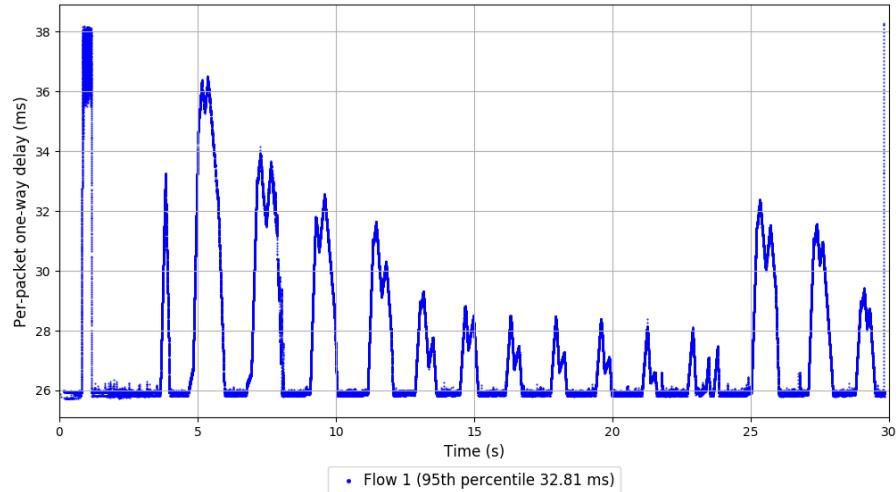
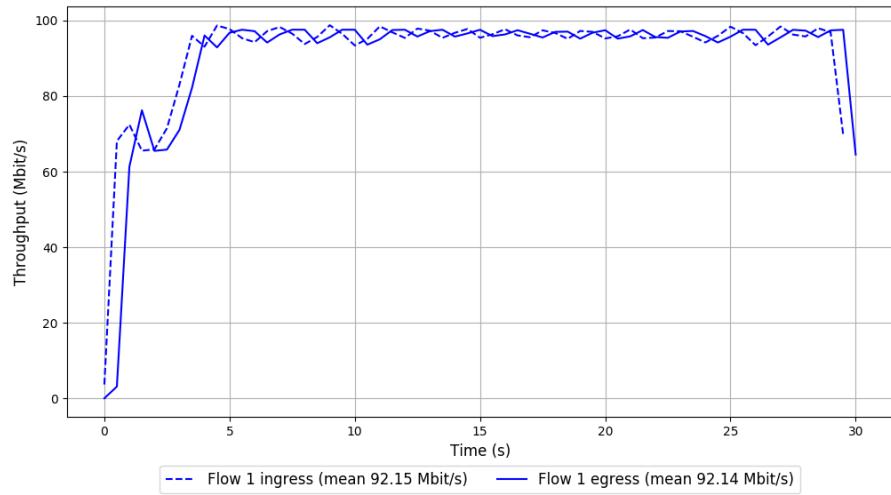


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-06-05 20:53:12
End at: 2018-06-05 20:53:42
Local clock offset: 0.471 ms
Remote clock offset: -0.229 ms

# Below is generated by plot.py at 2018-06-05 23:13:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 32.808 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 32.808 ms
Loss rate: 0.20%
```

Run 4: Report of PCC-Allegro — Data Link

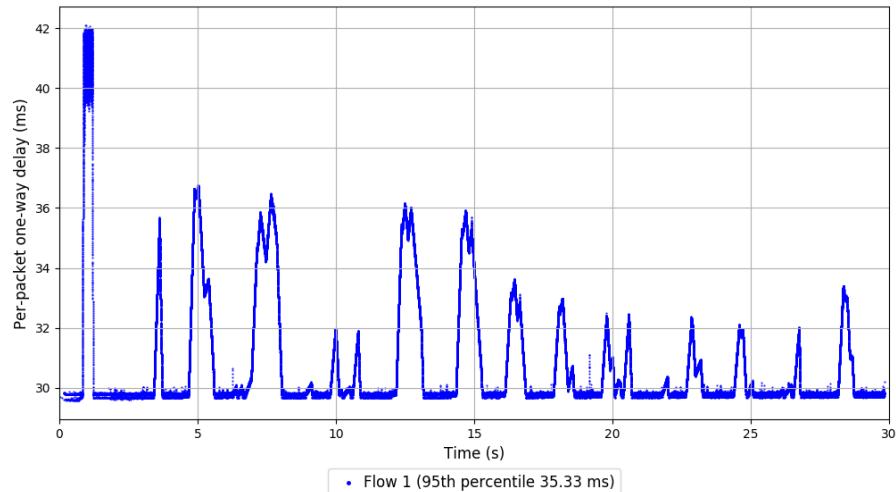
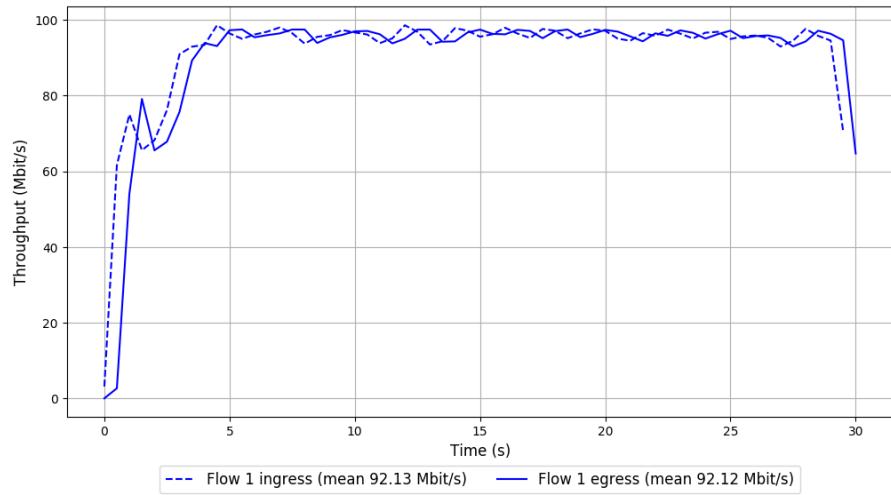


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:14:08
End at: 2018-06-05 21:14:38
Local clock offset: 0.431 ms
Remote clock offset: -0.613 ms

# Below is generated by plot.py at 2018-06-05 23:13:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 35.331 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 35.331 ms
Loss rate: 0.21%
```

Run 5: Report of PCC-Allegro — Data Link

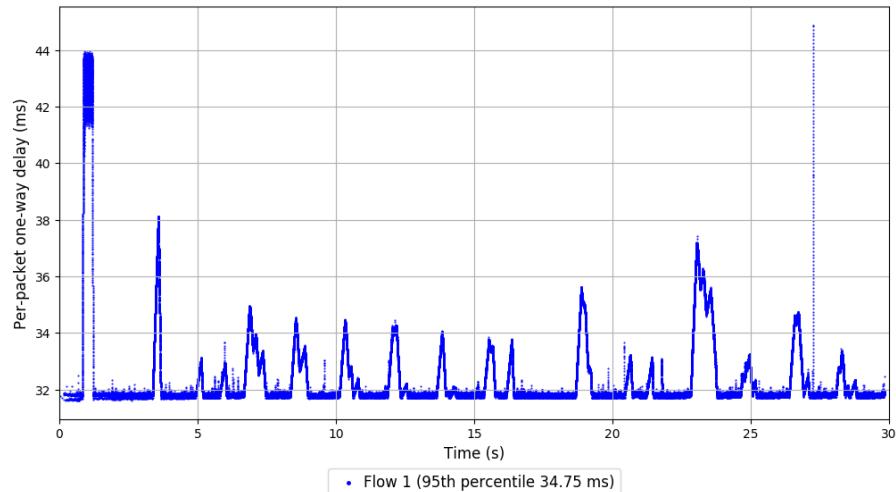
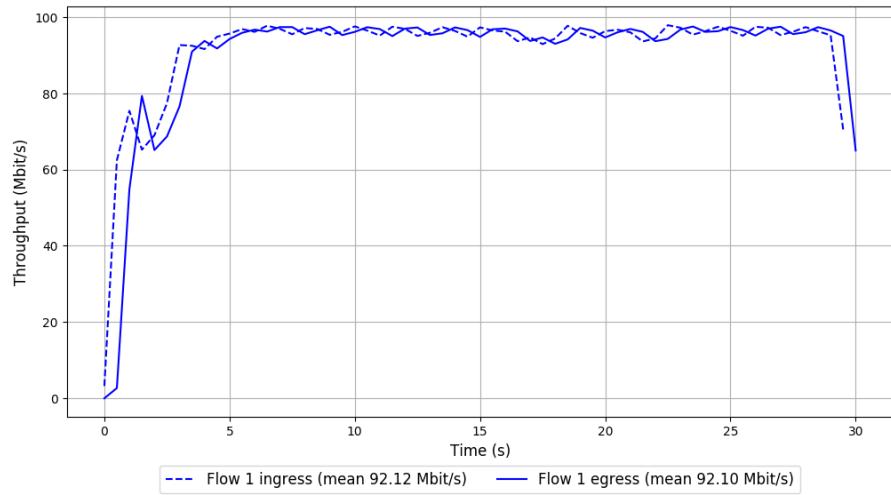


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:35:09
End at: 2018-06-05 21:35:39
Local clock offset: 0.381 ms
Remote clock offset: -2.069 ms

# Below is generated by plot.py at 2018-06-05 23:13:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 34.750 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 34.750 ms
Loss rate: 0.21%
```

### Run 6: Report of PCC-Allegro — Data Link

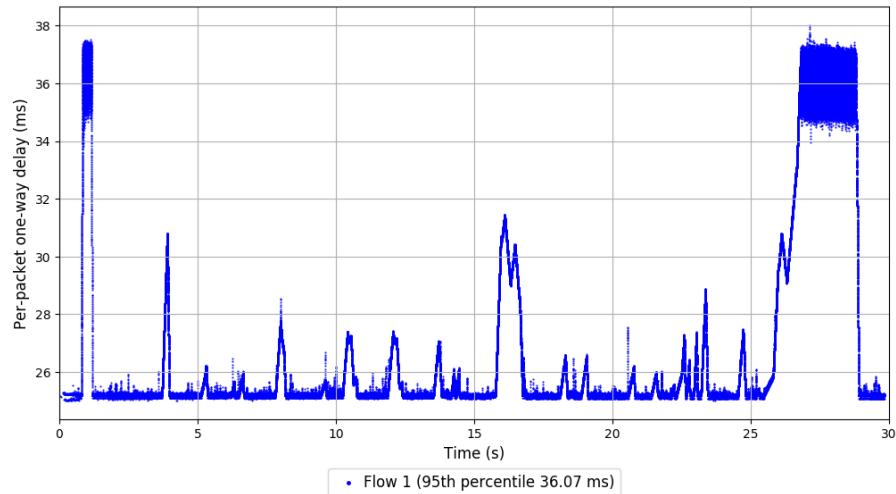
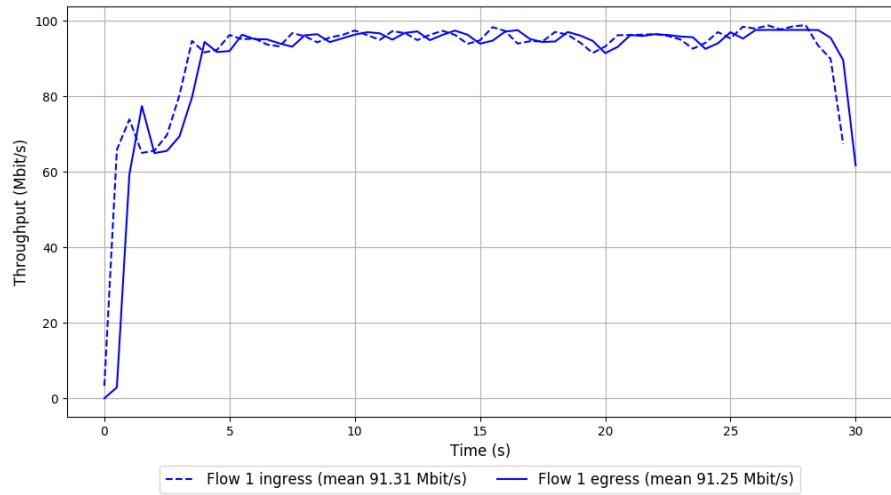


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-06-05 21:56:10
End at: 2018-06-05 21:56:40
Local clock offset: 0.064 ms
Remote clock offset: -0.339 ms

# Below is generated by plot.py at 2018-06-05 23:13:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 36.074 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 36.074 ms
Loss rate: 0.25%
```

### Run 7: Report of PCC-Allegro — Data Link

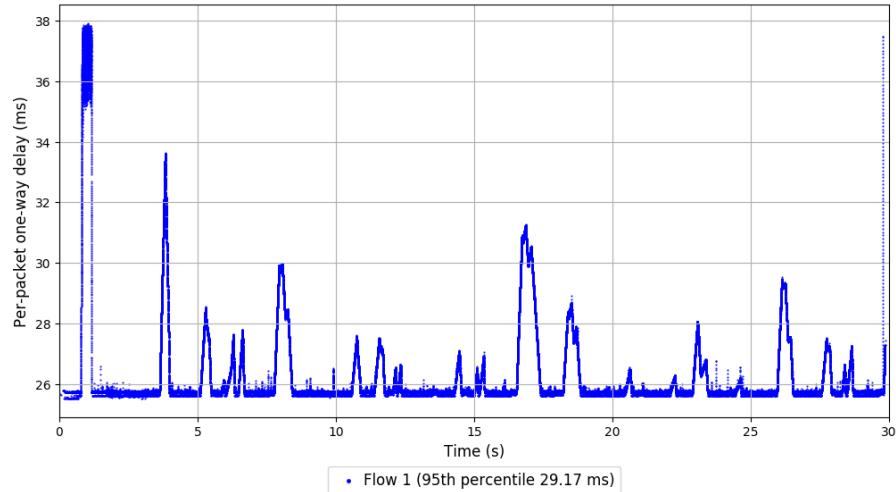
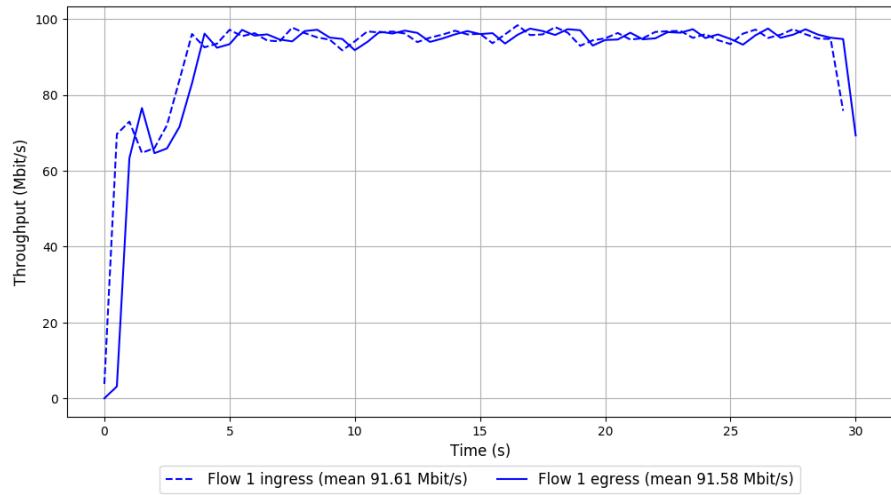


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-06-05 22:17:07
End at: 2018-06-05 22:17:37
Local clock offset: 0.195 ms
Remote clock offset: -1.142 ms

# Below is generated by plot.py at 2018-06-05 23:13:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 29.172 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 29.172 ms
Loss rate: 0.21%
```

Run 8: Report of PCC-Allegro — Data Link

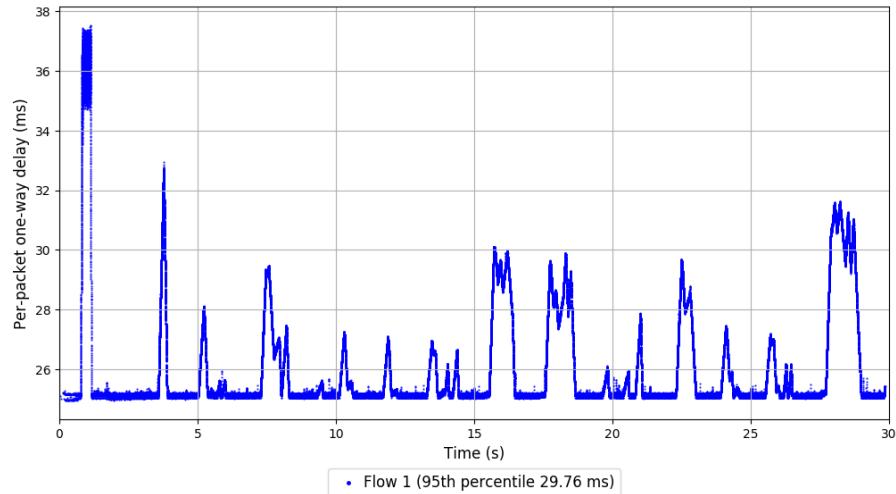
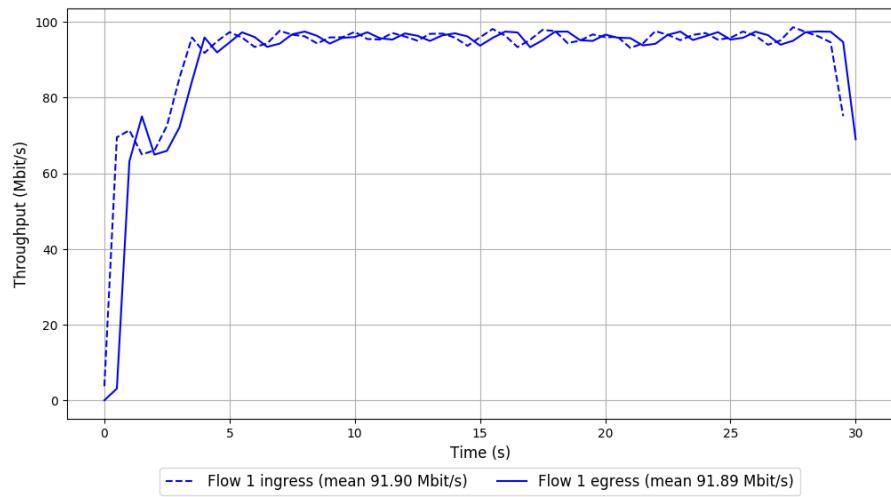


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-06-05 22:38:04
End at: 2018-06-05 22:38:35
Local clock offset: 0.3 ms
Remote clock offset: 0.089 ms

# Below is generated by plot.py at 2018-06-05 23:13:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 29.756 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 29.756 ms
Loss rate: 0.20%
```

Run 9: Report of PCC-Allegro — Data Link

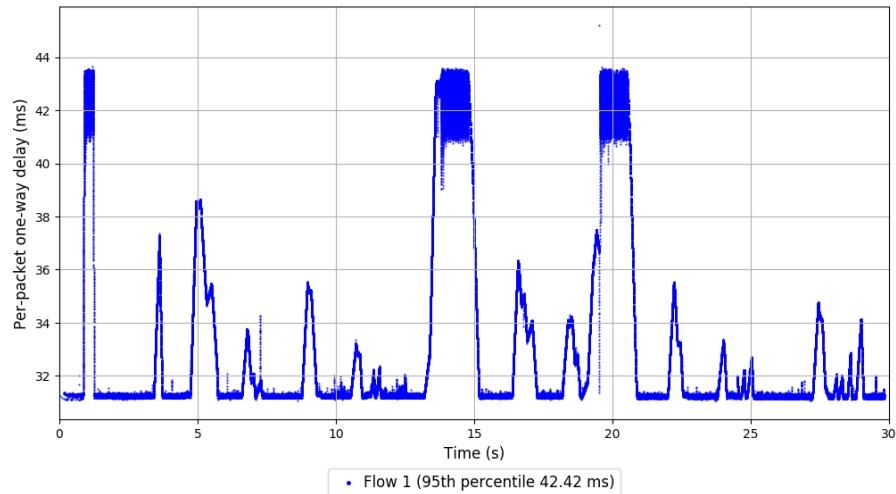
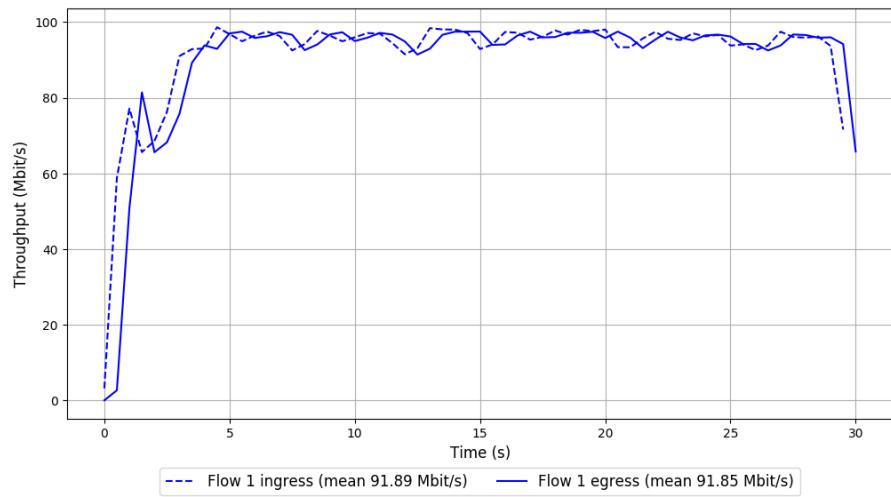


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-06-05 22:58:57
End at: 2018-06-05 22:59:27
Local clock offset: 0.371 ms
Remote clock offset: -0.569 ms

# Below is generated by plot.py at 2018-06-05 23:14:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 42.424 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 42.424 ms
Loss rate: 0.26%
```

Run 10: Report of PCC-Allegro — Data Link

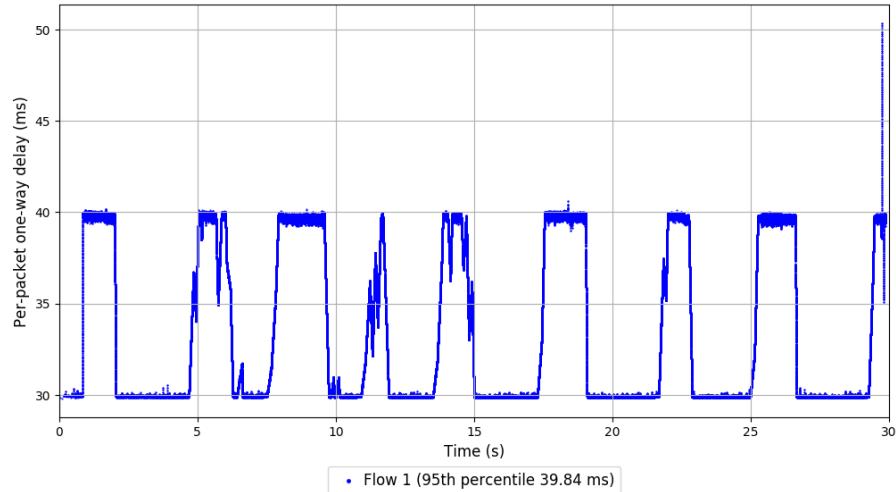
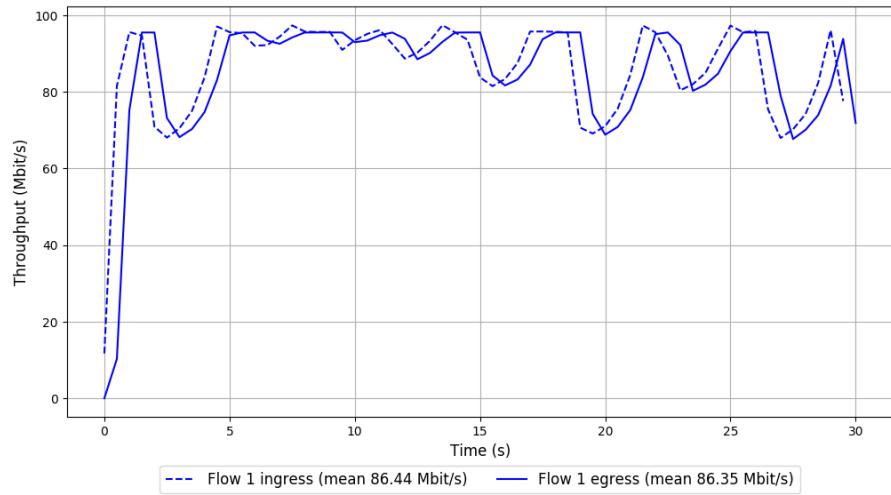


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-06-05 19:33:11
End at: 2018-06-05 19:33:41
Local clock offset: 1.088 ms
Remote clock offset: 0.245 ms

# Below is generated by plot.py at 2018-06-05 23:15:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 39.843 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 39.843 ms
Loss rate: 0.31%
```

Run 1: Report of PCC-Expr — Data Link

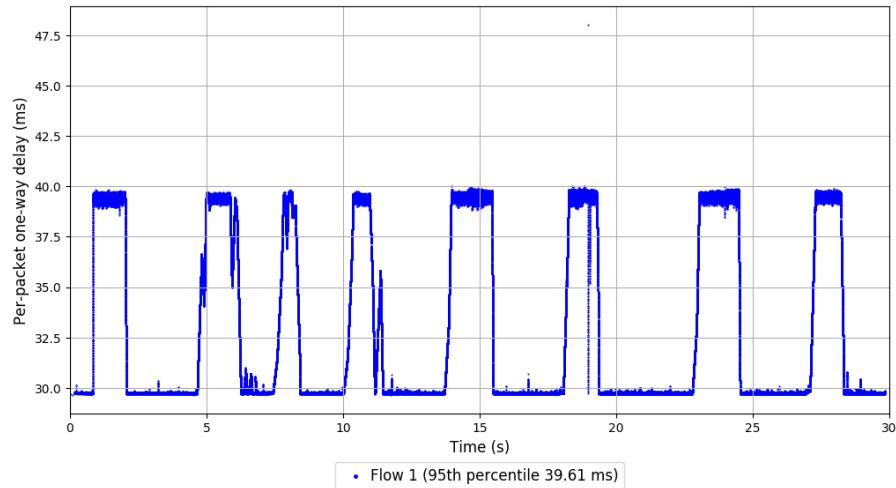
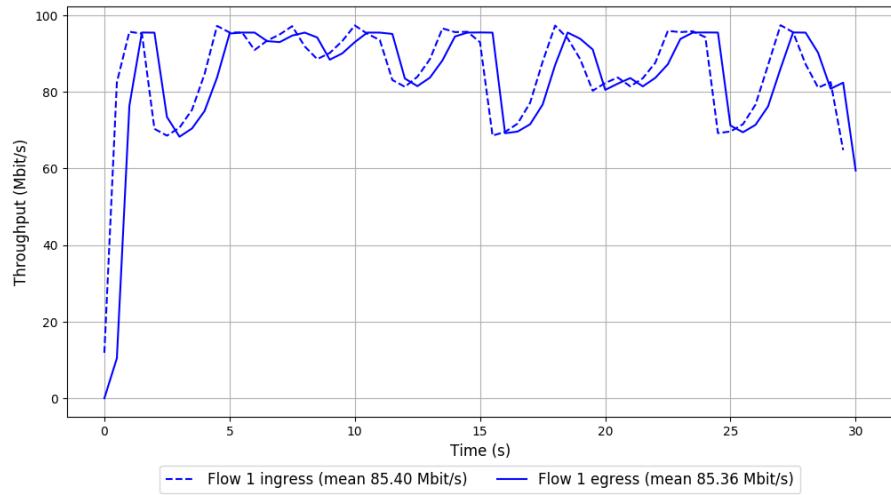


Run 2: Statistics of PCC-Expr

```
Start at: 2018-06-05 19:54:06
End at: 2018-06-05 19:54:36
Local clock offset: 1.378 ms
Remote clock offset: 0.173 ms

# Below is generated by plot.py at 2018-06-05 23:15:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 39.613 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 39.613 ms
Loss rate: 0.25%
```

## Run 2: Report of PCC-Expr — Data Link

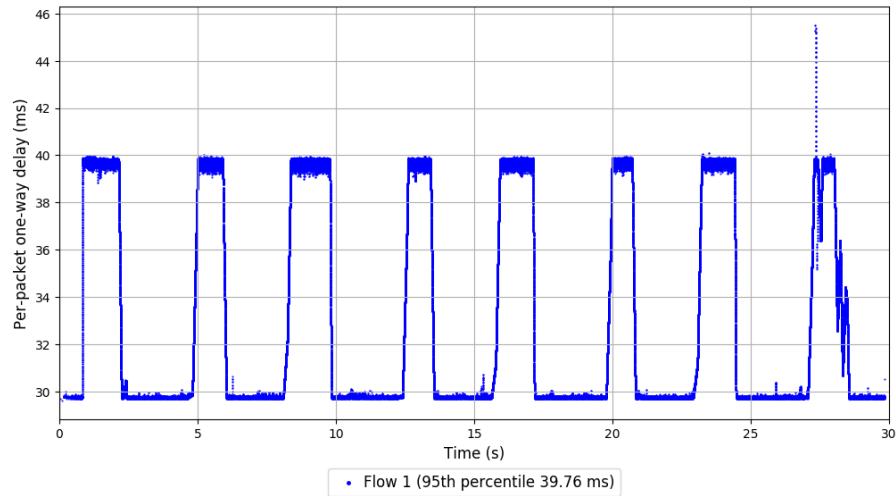
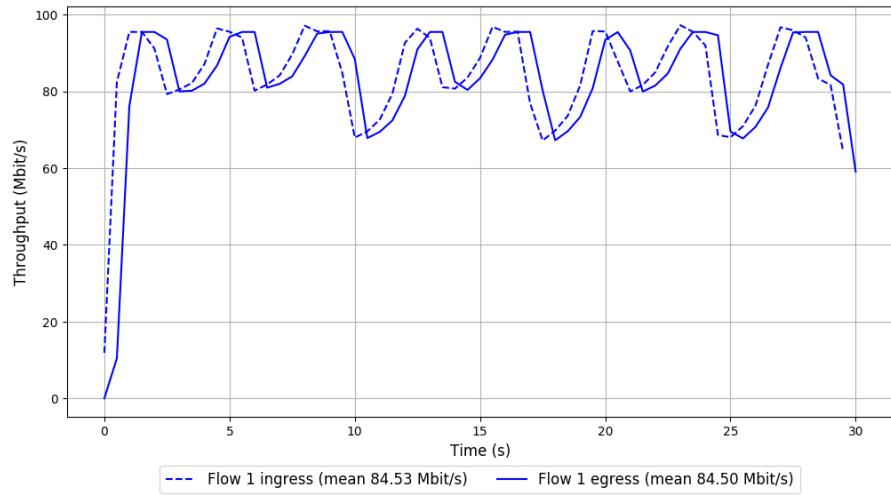


```
Run 3: Statistics of PCC-Expr
```

```
Start at: 2018-06-05 20:15:02
End at: 2018-06-05 20:15:32
Local clock offset: 0.741 ms
Remote clock offset: 0.002 ms

# Below is generated by plot.py at 2018-06-05 23:15:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 39.763 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 39.763 ms
Loss rate: 0.23%
```

Run 3: Report of PCC-Expr — Data Link

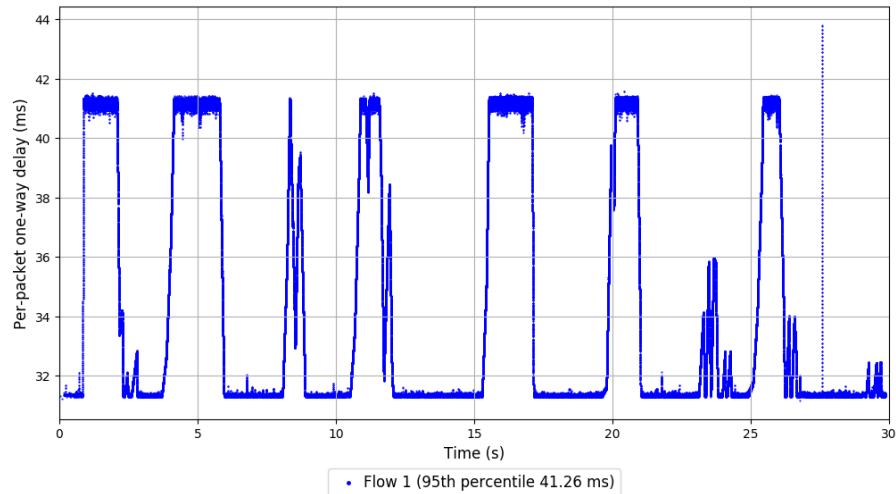
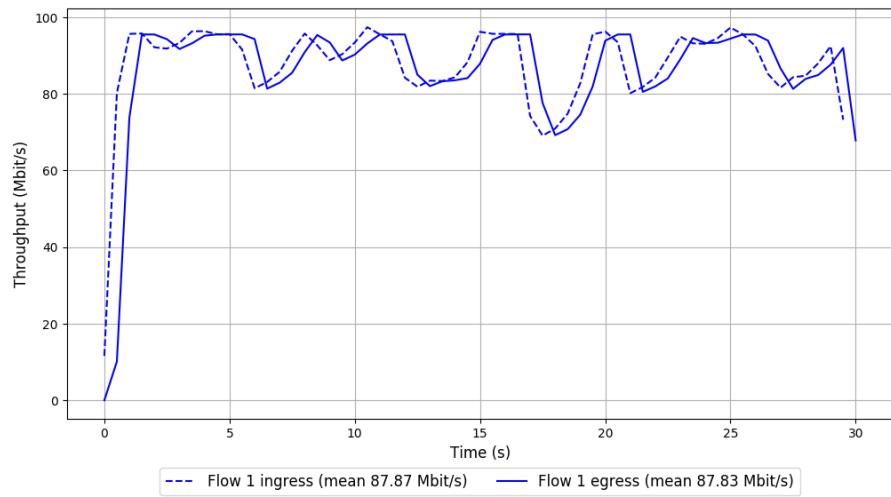


Run 4: Statistics of PCC-Expr

```
Start at: 2018-06-05 20:36:03
End at: 2018-06-05 20:36:33
Local clock offset: 0.393 ms
Remote clock offset: 0.262 ms

# Below is generated by plot.py at 2018-06-05 23:15:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 41.262 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 41.262 ms
Loss rate: 0.25%
```

Run 4: Report of PCC-Expr — Data Link

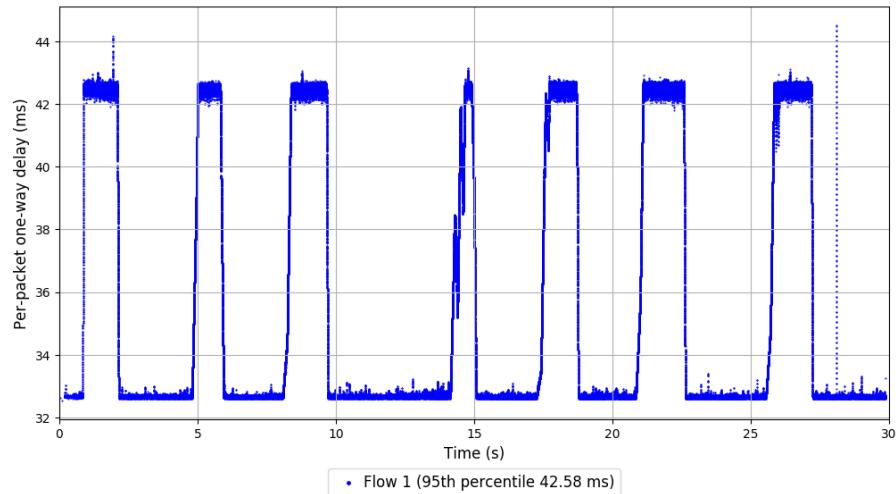
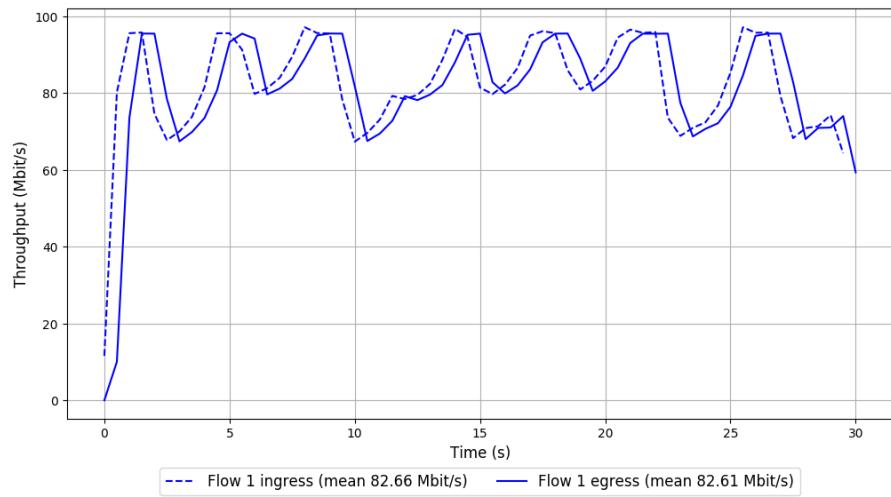


Run 5: Statistics of PCC-Expr

```
Start at: 2018-06-05 20:57:03
End at: 2018-06-05 20:57:33
Local clock offset: 0.392 ms
Remote clock offset: -2.73 ms

# Below is generated by plot.py at 2018-06-05 23:15:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.61 Mbit/s
95th percentile per-packet one-way delay: 42.582 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 82.61 Mbit/s
95th percentile per-packet one-way delay: 42.582 ms
Loss rate: 0.26%
```

Run 5: Report of PCC-Expr — Data Link

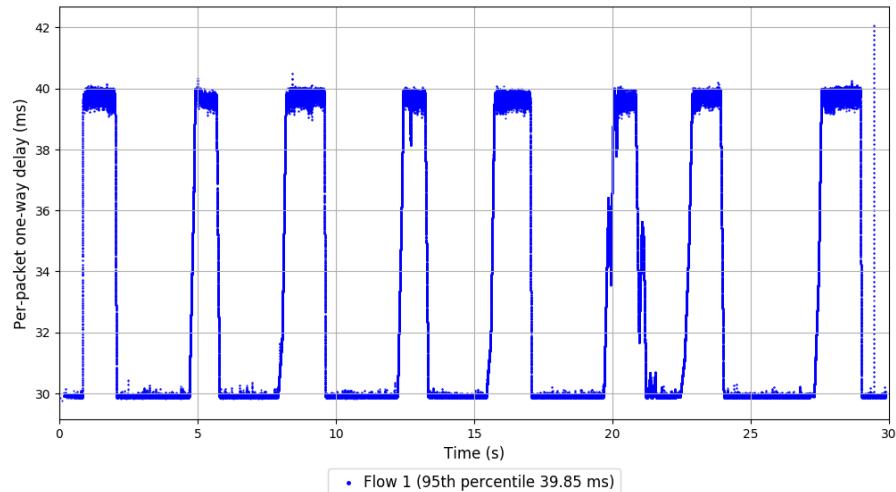
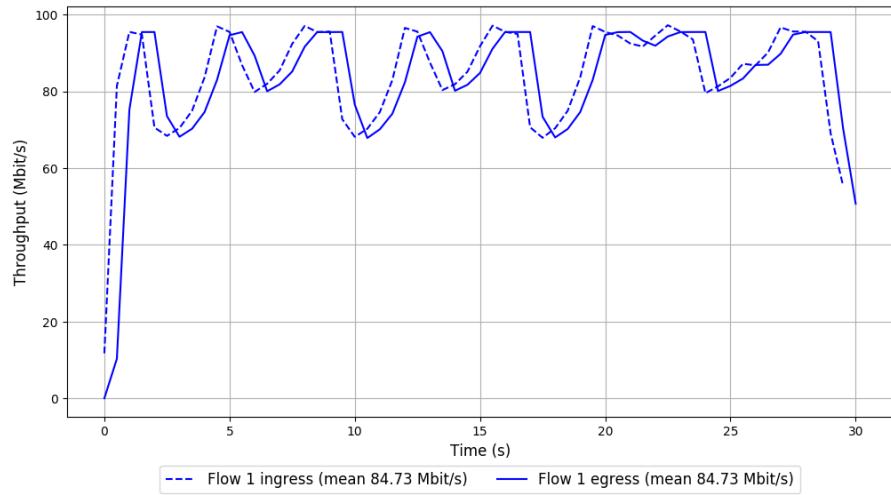


Run 6: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:17:58
End at: 2018-06-05 21:18:28
Local clock offset: 0.535 ms
Remote clock offset: -0.476 ms

# Below is generated by plot.py at 2018-06-05 23:15:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 39.847 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 39.847 ms
Loss rate: 0.19%
```

Run 6: Report of PCC-Expr — Data Link

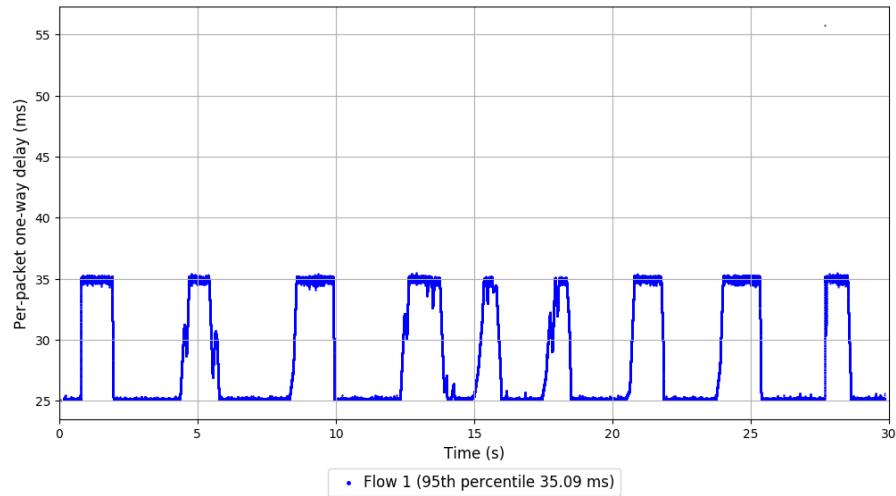
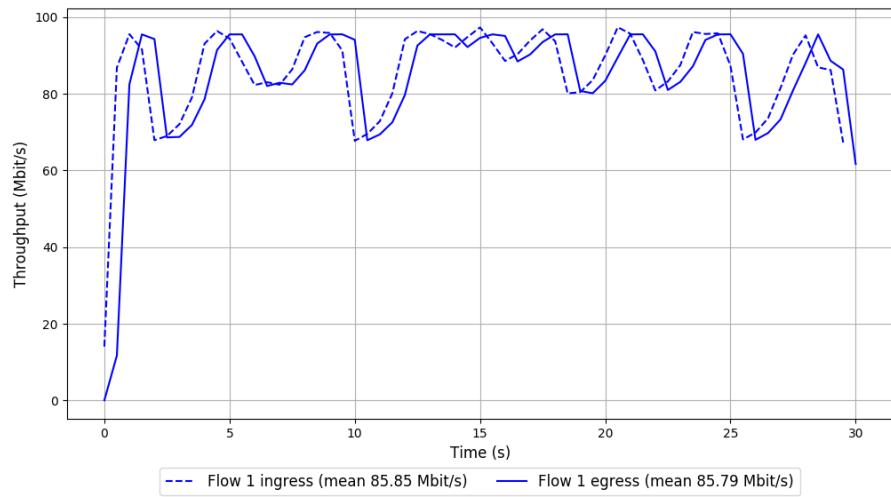


Run 7: Statistics of PCC-Expr

```
Start at: 2018-06-05 21:39:05
End at: 2018-06-05 21:39:35
Local clock offset: 0.348 ms
Remote clock offset: 0.594 ms

# Below is generated by plot.py at 2018-06-05 23:15:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 35.086 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 35.086 ms
Loss rate: 0.26%
```

### Run 7: Report of PCC-Expr — Data Link

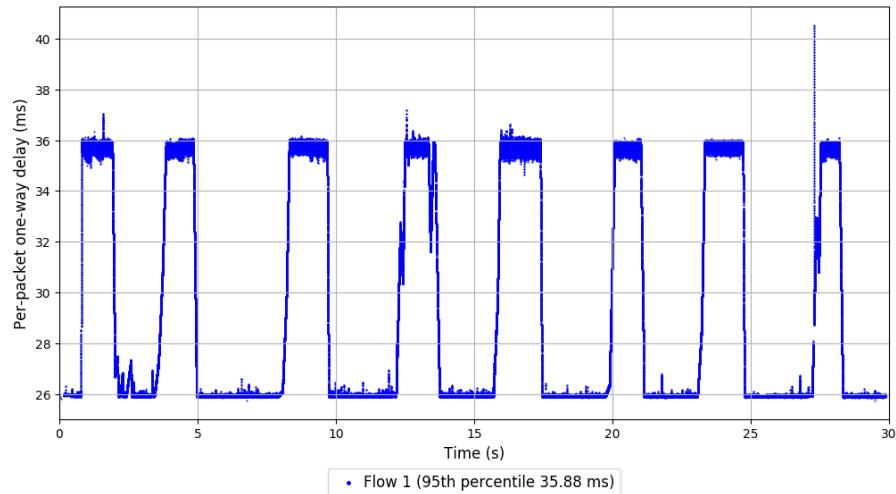
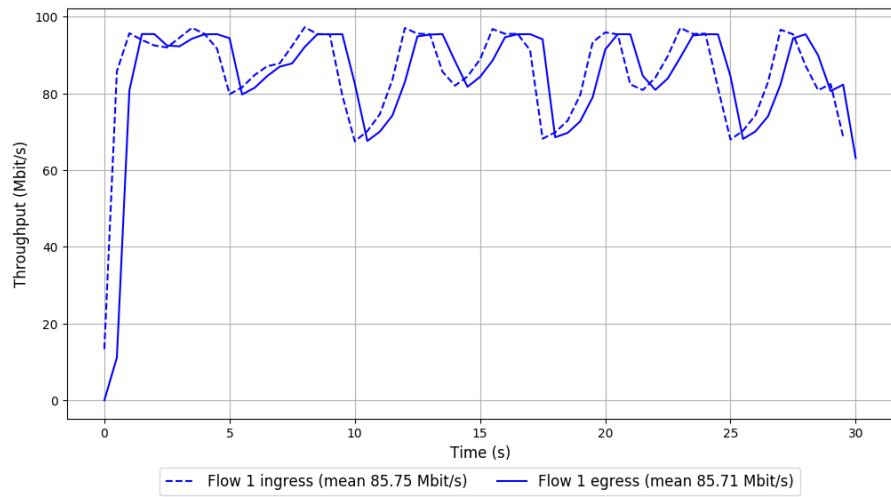


Run 8: Statistics of PCC-Expr

```
Start at: 2018-06-05 22:00:01
End at: 2018-06-05 22:00:31
Local clock offset: 0.053 ms
Remote clock offset: -0.476 ms

# Below is generated by plot.py at 2018-06-05 23:16:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 35.875 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 35.875 ms
Loss rate: 0.23%
```

Run 8: Report of PCC-Expr — Data Link

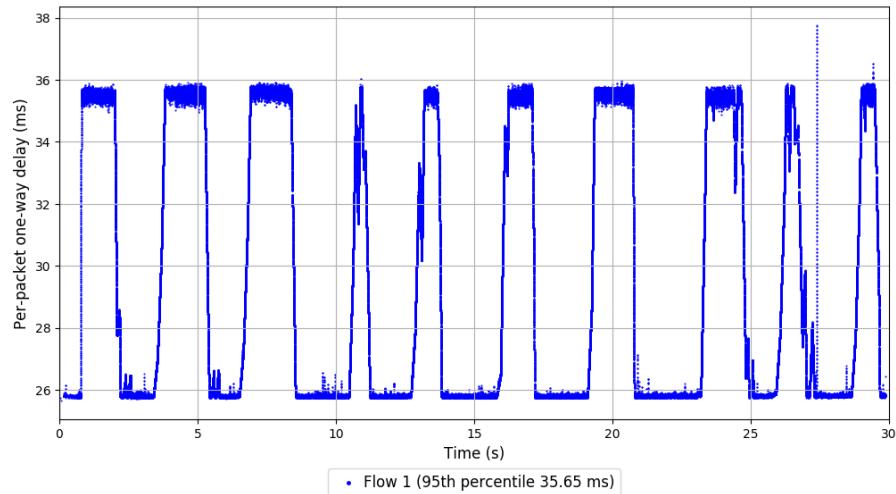
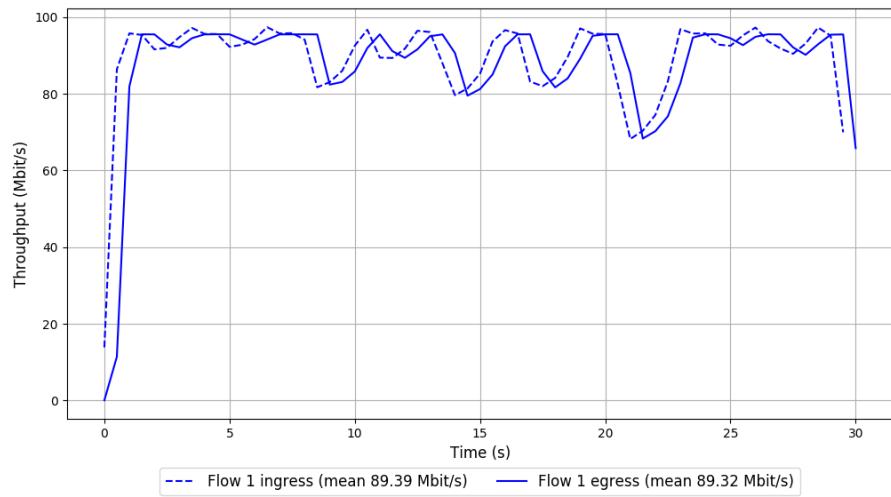


Run 9: Statistics of PCC-Expr

```
Start at: 2018-06-05 22:20:58
End at: 2018-06-05 22:21:28
Local clock offset: 0.204 ms
Remote clock offset: -0.618 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 35.645 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 35.645 ms
Loss rate: 0.27%
```

Run 9: Report of PCC-Expr — Data Link

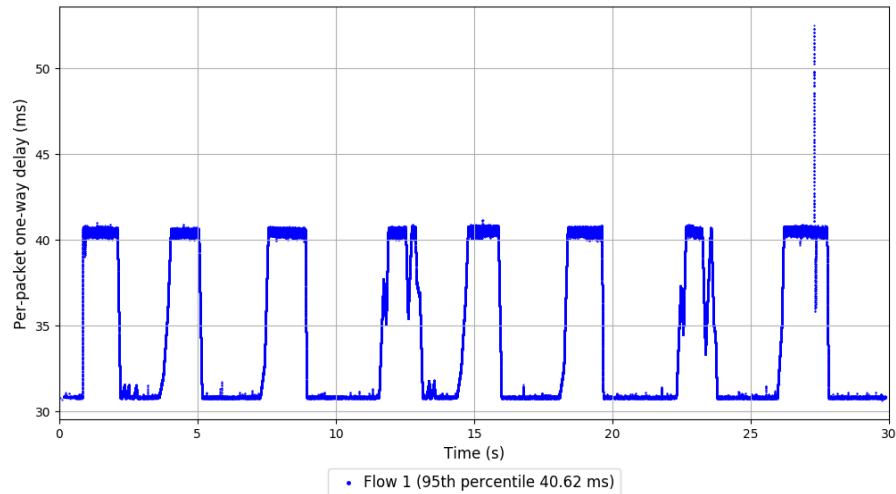
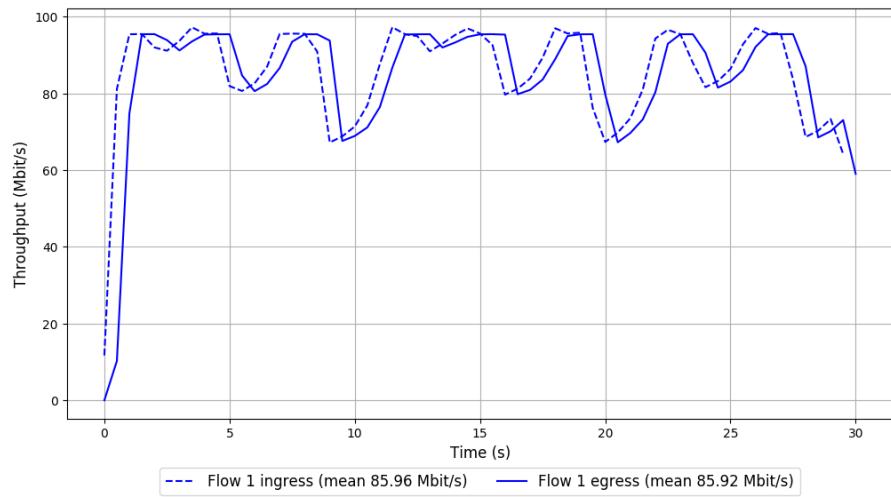


```
Run 10: Statistics of PCC-Expr
```

```
Start at: 2018-06-05 22:41:54
End at: 2018-06-05 22:42:24
Local clock offset: 0.382 ms
Remote clock offset: -0.34 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 40.622 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 40.622 ms
Loss rate: 0.25%
```

Run 10: Report of PCC-Expr — Data Link

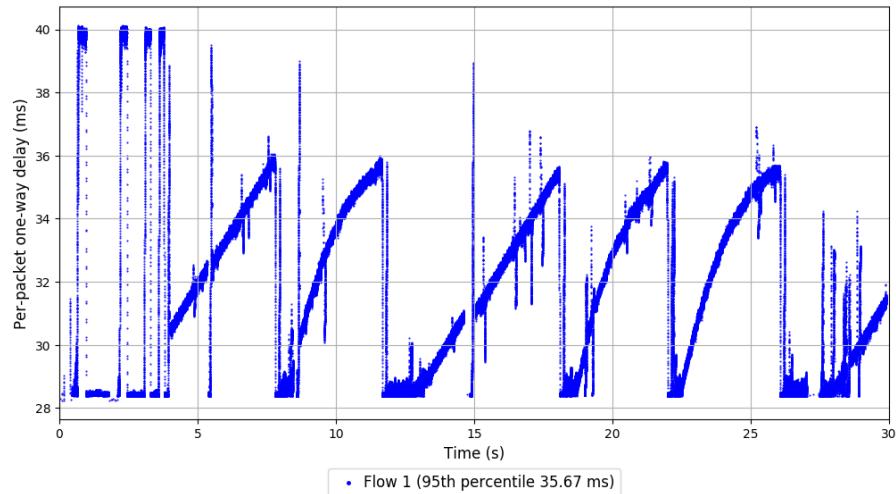
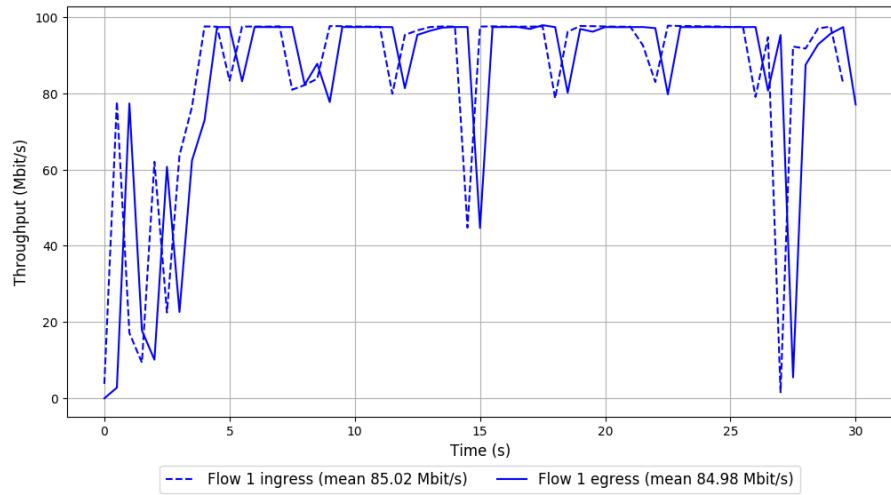


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-06-05 19:37:10
End at: 2018-06-05 19:37:40
Local clock offset: 1.132 ms
Remote clock offset: -2.321 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 35.674 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 35.674 ms
Loss rate: 0.23%
```

Run 1: Report of QUIC Cubic — Data Link

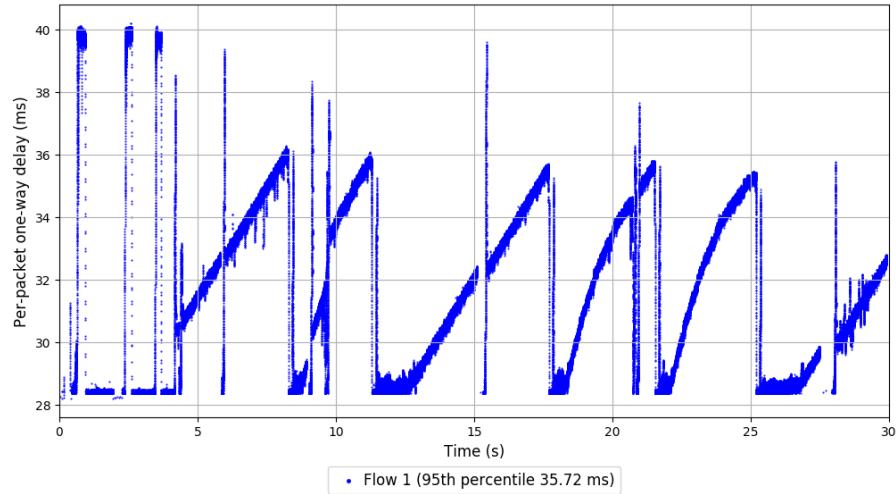
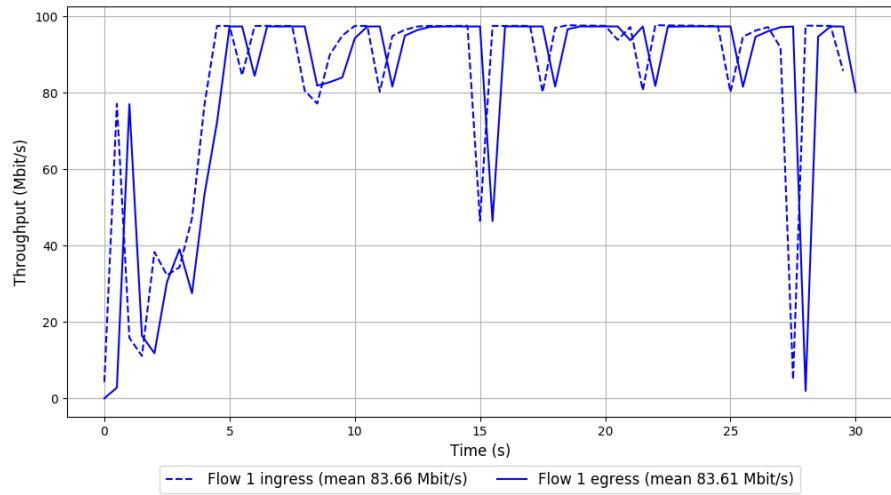


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-06-05 19:58:05
End at: 2018-06-05 19:58:35
Local clock offset: 1.427 ms
Remote clock offset: -1.699 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 35.720 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 35.720 ms
Loss rate: 0.25%
```

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

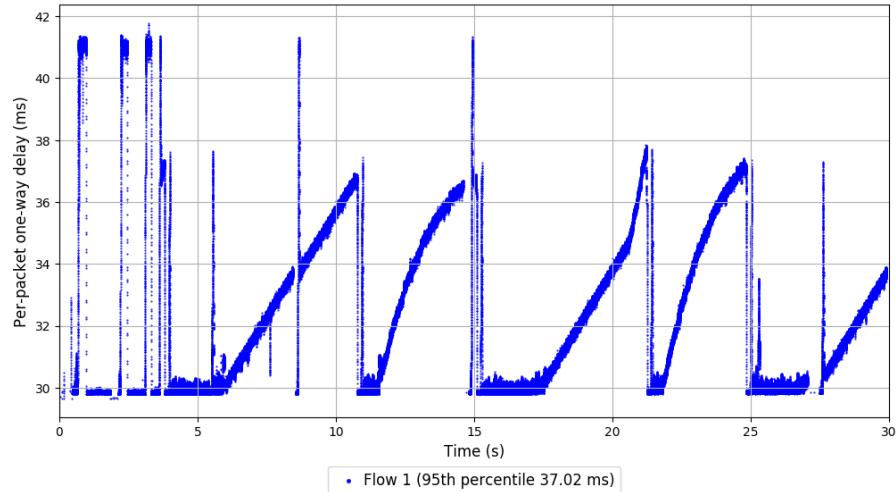
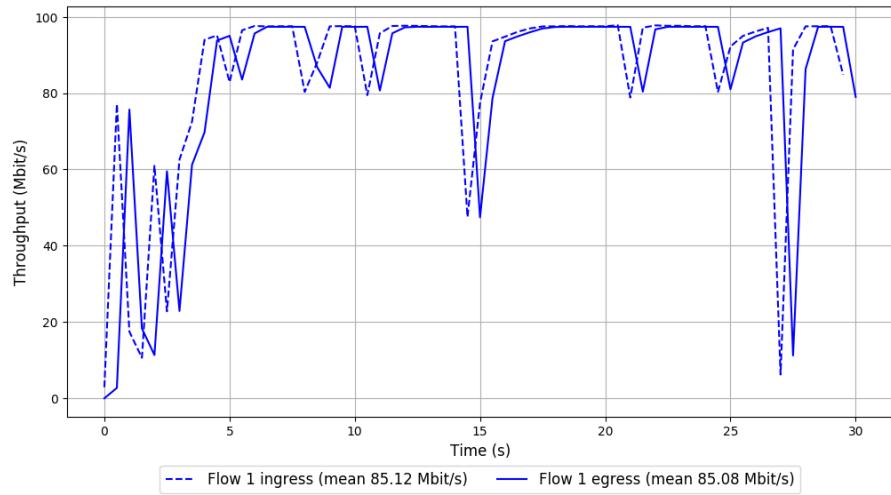


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-06-05 20:19:04
End at: 2018-06-05 20:19:34
Local clock offset: 0.679 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 37.016 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 37.016 ms
Loss rate: 0.25%
```

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

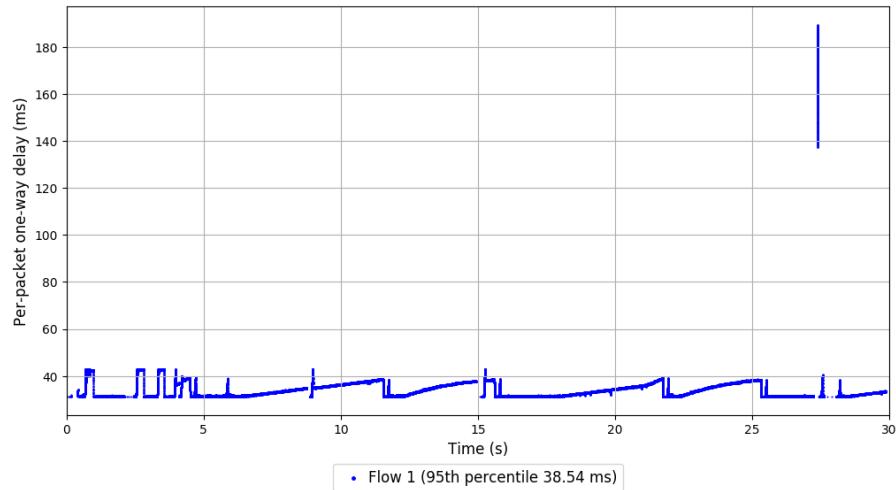
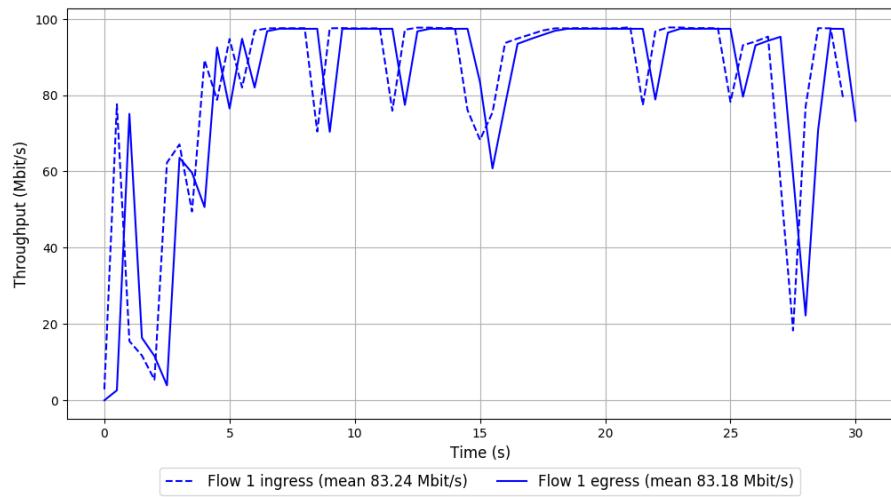


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-06-05 20:40:04
End at: 2018-06-05 20:40:34
Local clock offset: 0.406 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.18 Mbit/s
95th percentile per-packet one-way delay: 38.536 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 83.18 Mbit/s
95th percentile per-packet one-way delay: 38.536 ms
Loss rate: 0.28%
```

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

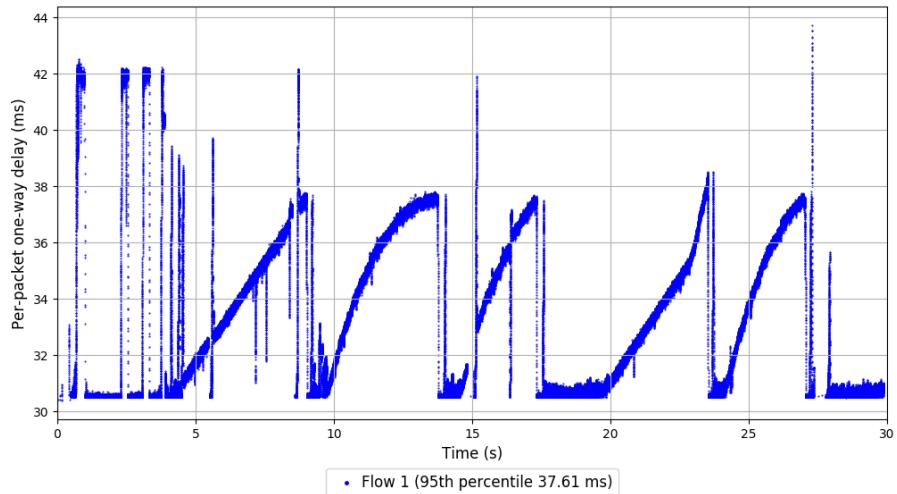
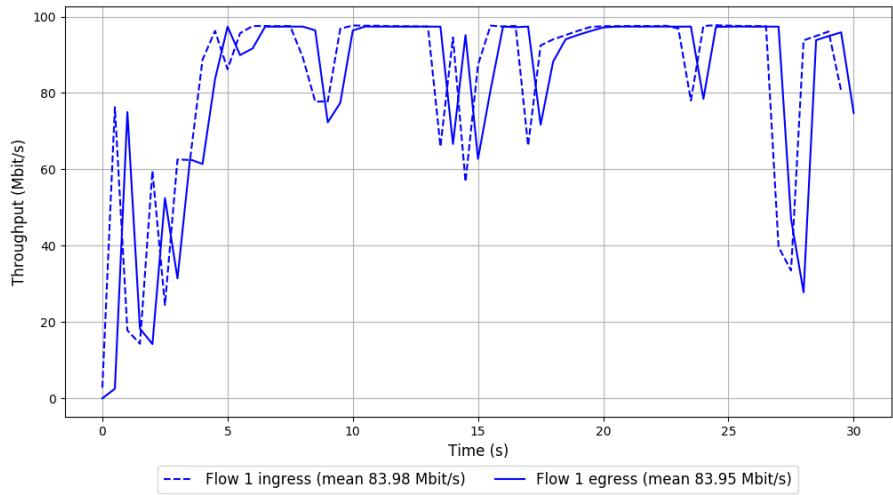


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:01:03
End at: 2018-06-05 21:01:33
Local clock offset: 0.484 ms
Remote clock offset: -0.753 ms

# Below is generated by plot.py at 2018-06-05 23:17:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.95 Mbit/s
95th percentile per-packet one-way delay: 37.606 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 83.95 Mbit/s
95th percentile per-packet one-way delay: 37.606 ms
Loss rate: 0.24%
```

Run 5: Report of QUIC Cubic — Data Link

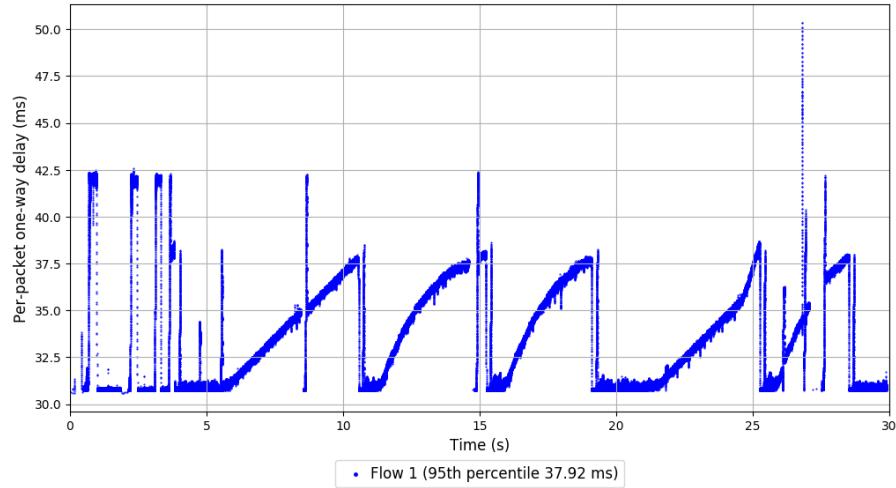
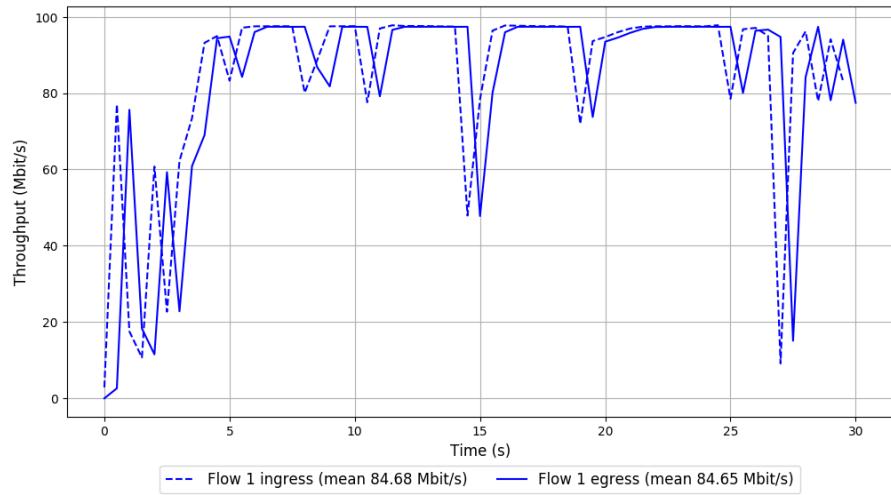


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:22:03
End at: 2018-06-05 21:22:33
Local clock offset: 0.531 ms
Remote clock offset: -0.315 ms

# Below is generated by plot.py at 2018-06-05 23:17:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.65 Mbit/s
95th percentile per-packet one-way delay: 37.917 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 84.65 Mbit/s
95th percentile per-packet one-way delay: 37.917 ms
Loss rate: 0.23%
```

Run 6: Report of QUIC Cubic — Data Link

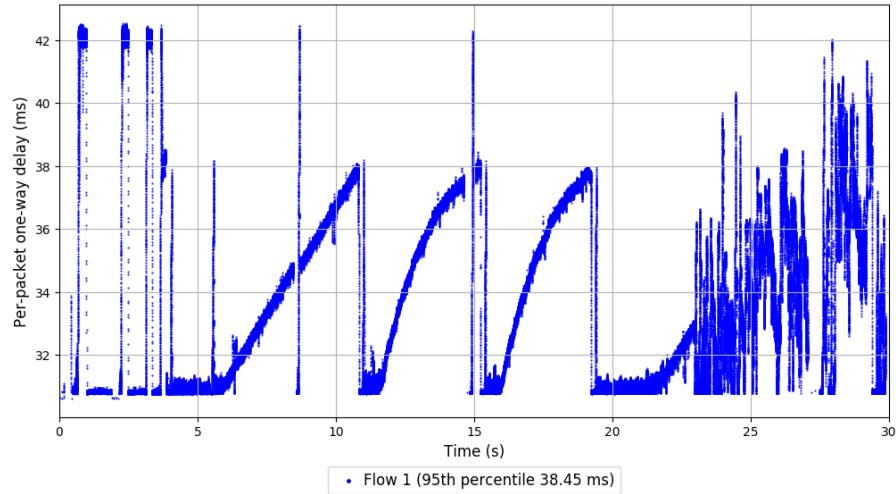
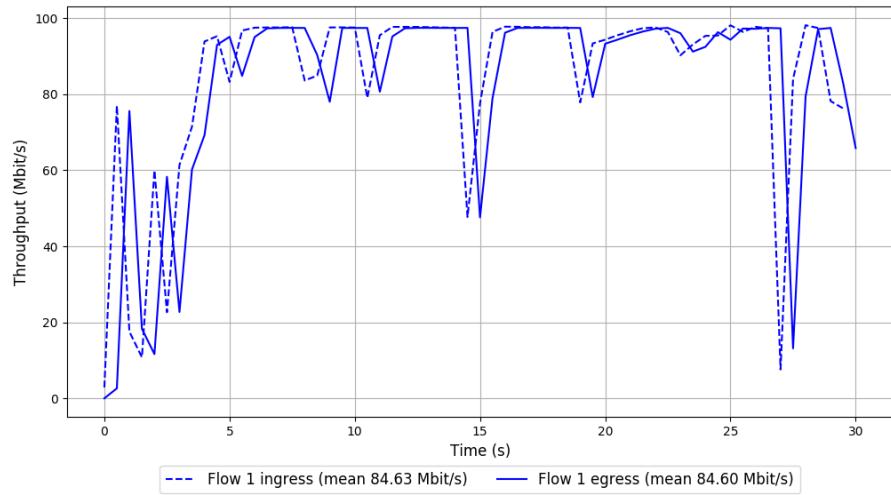


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-06-05 21:43:06
End at: 2018-06-05 21:43:36
Local clock offset: 0.267 ms
Remote clock offset: 0.116 ms

# Below is generated by plot.py at 2018-06-05 23:17:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 38.448 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 38.448 ms
Loss rate: 0.25%
```

Run 7: Report of QUIC Cubic — Data Link

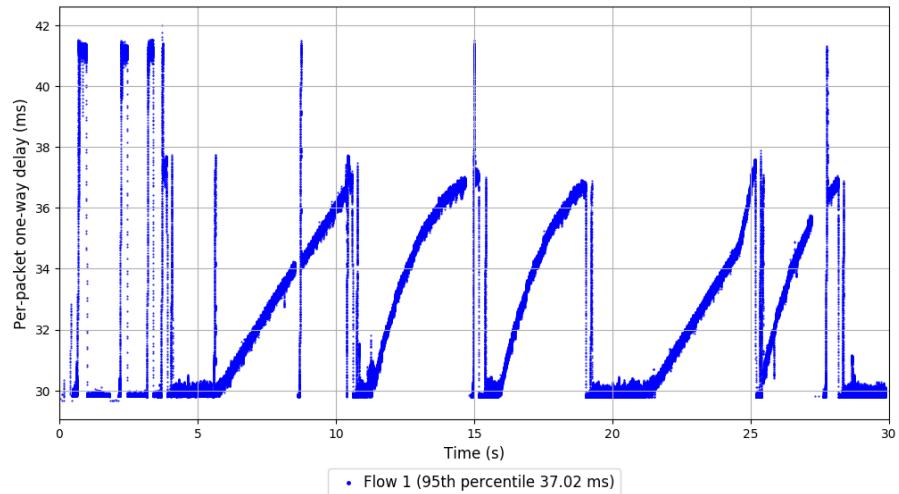
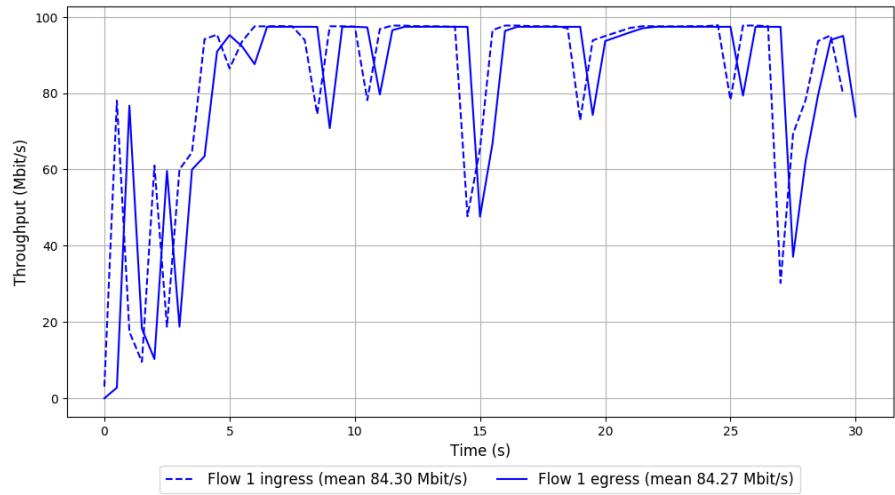


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-06-05 22:04:00
End at: 2018-06-05 22:04:30
Local clock offset: 0.015 ms
Remote clock offset: -1.002 ms

# Below is generated by plot.py at 2018-06-05 23:17:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.27 Mbit/s
95th percentile per-packet one-way delay: 37.015 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 84.27 Mbit/s
95th percentile per-packet one-way delay: 37.015 ms
Loss rate: 0.23%
```

Run 8: Report of QUIC Cubic — Data Link

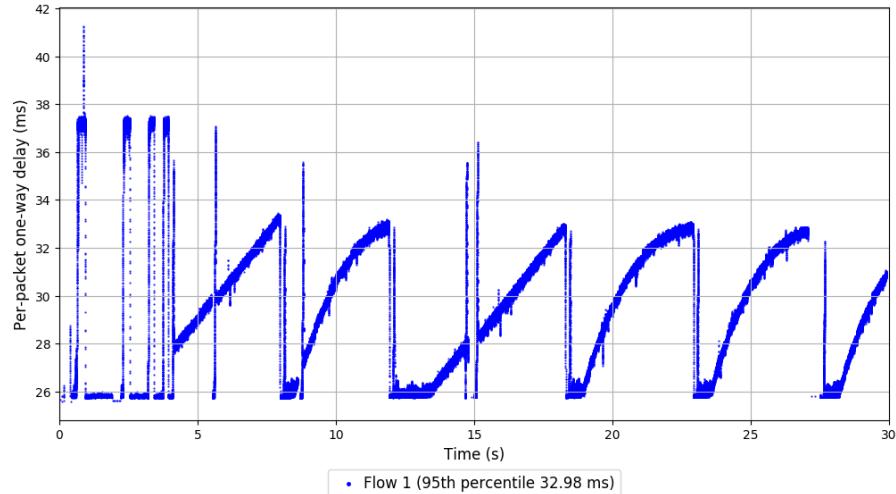
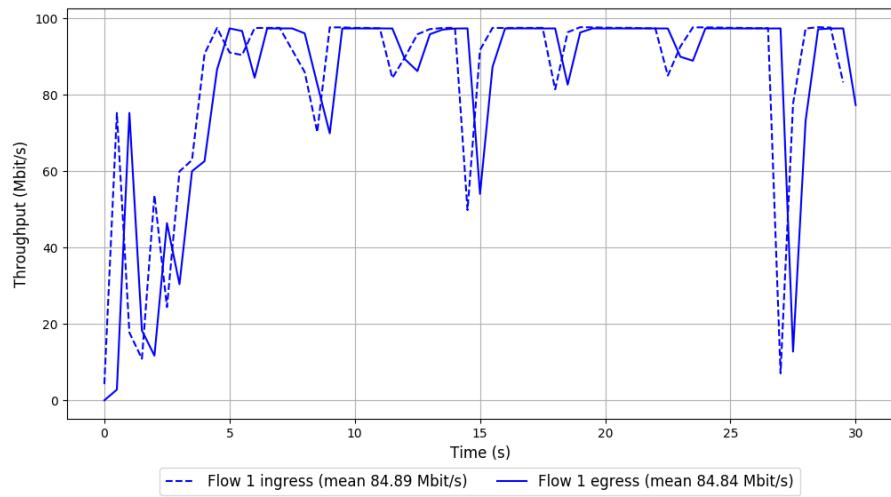


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-06-05 22:24:58
End at: 2018-06-05 22:25:28
Local clock offset: 0.207 ms
Remote clock offset: -0.834 ms

# Below is generated by plot.py at 2018-06-05 23:17:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 32.980 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 32.980 ms
Loss rate: 0.24%
```

Run 9: Report of QUIC Cubic — Data Link

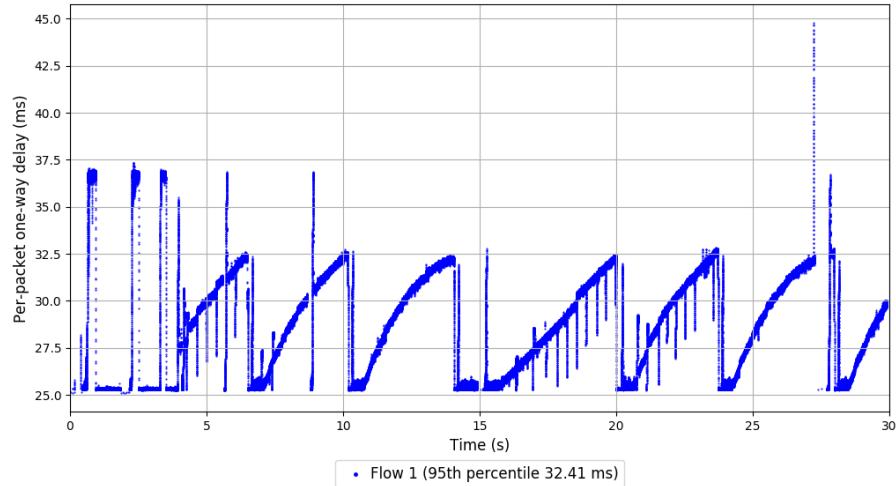
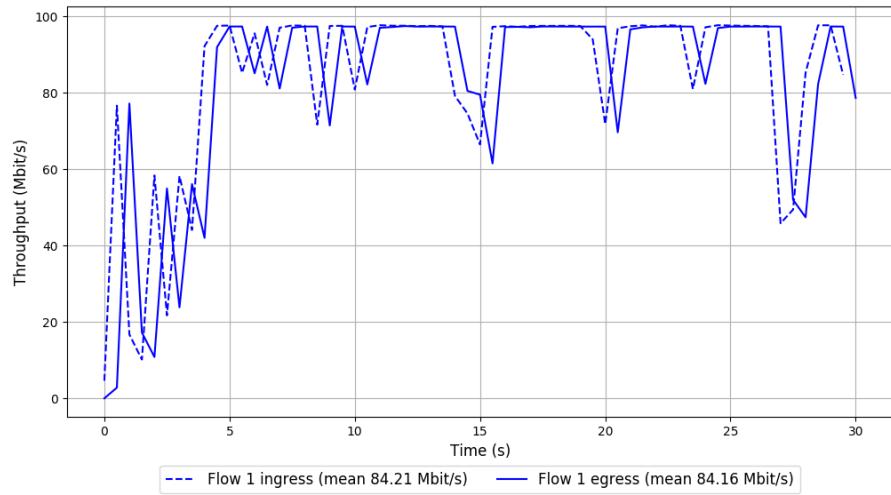


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-06-05 22:45:54
End at: 2018-06-05 22:46:24
Local clock offset: 0.398 ms
Remote clock offset: 0.195 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 32.415 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 32.415 ms
Loss rate: 0.24%
```

Run 10: Report of QUIC Cubic — Data Link

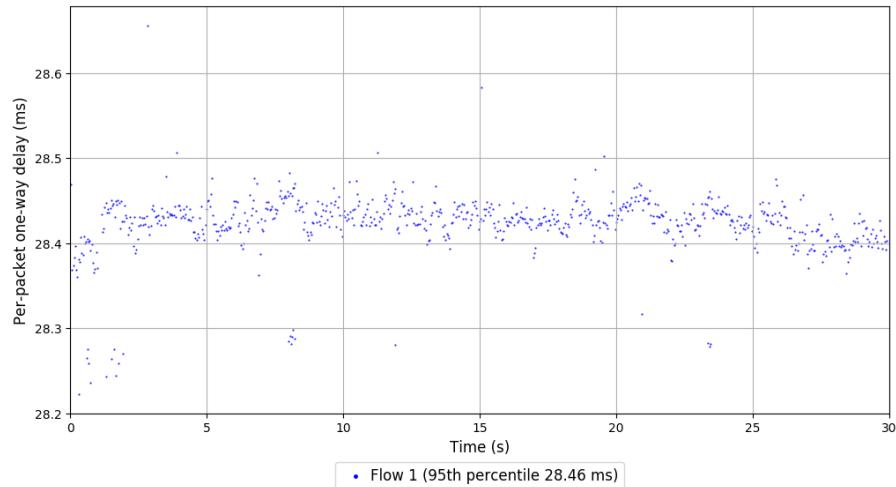
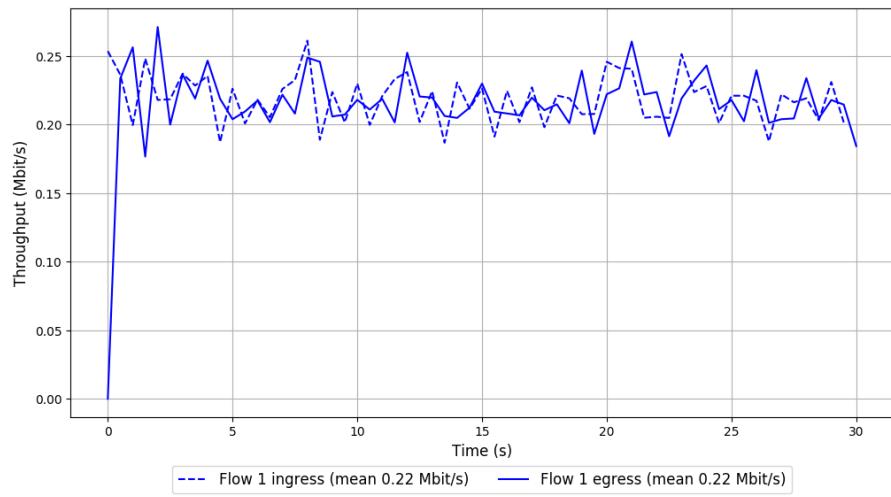


```
Run 1: Statistics of SCReAM

Start at: 2018-06-05 19:31:56
End at: 2018-06-05 19:32:26
Local clock offset: 1.065 ms
Remote clock offset: -2.362 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.459 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.459 ms
Loss rate: 0.26%
```

Run 1: Report of SCReAM — Data Link

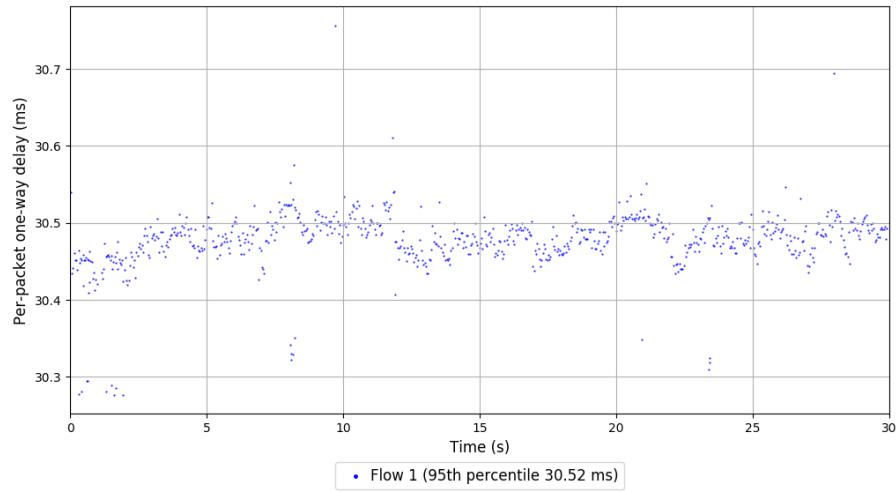
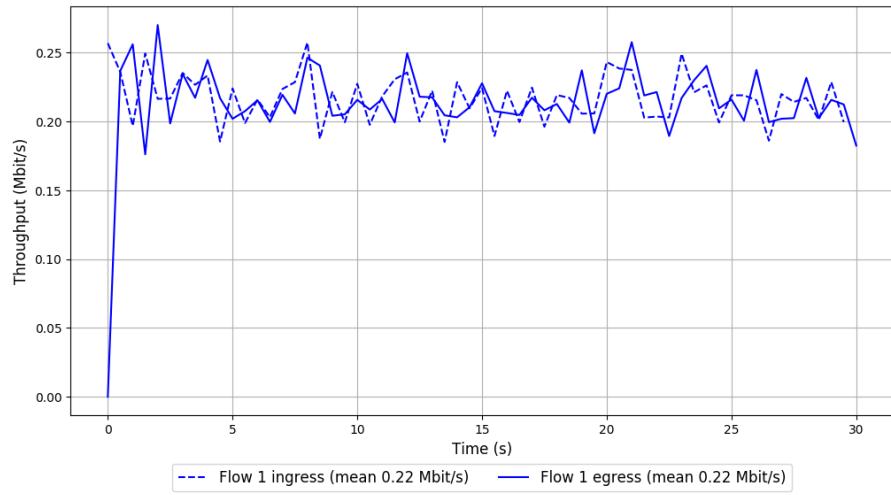


Run 2: Statistics of SCReAM

```
Start at: 2018-06-05 19:52:51
End at: 2018-06-05 19:53:21
Local clock offset: 1.352 ms
Remote clock offset: 0.128 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.520 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.520 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

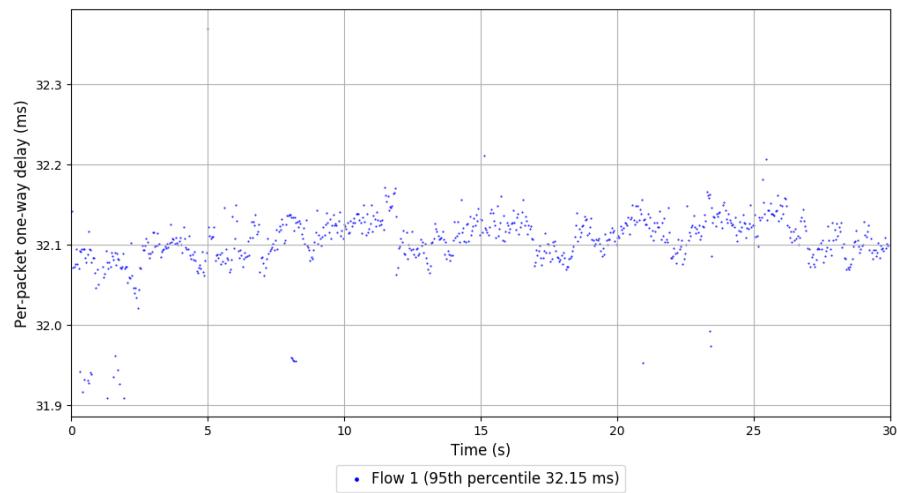
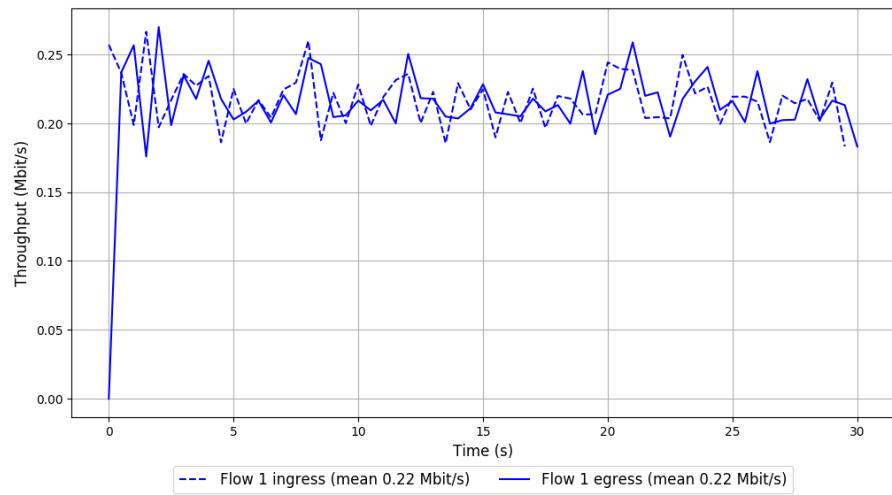


Run 3: Statistics of SCReAM

```
Start at: 2018-06-05 20:13:48
End at: 2018-06-05 20:14:18
Local clock offset: 0.85 ms
Remote clock offset: -2.07 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.148 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.148 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

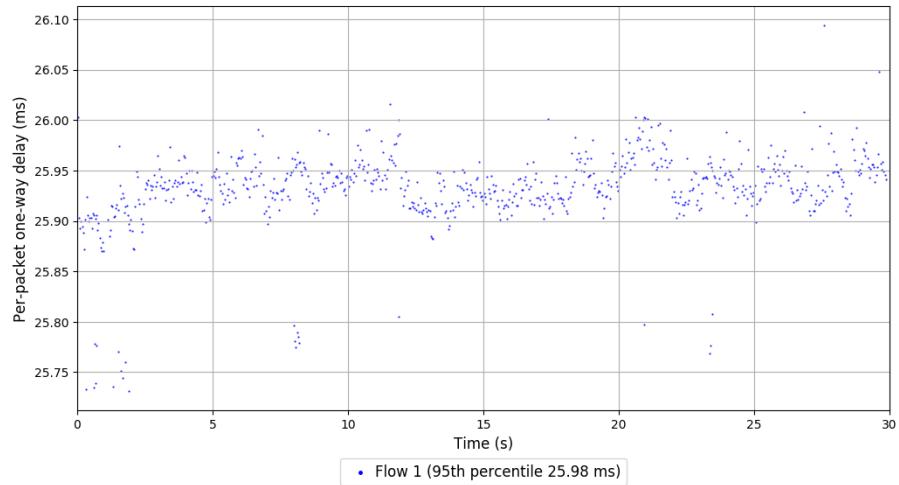
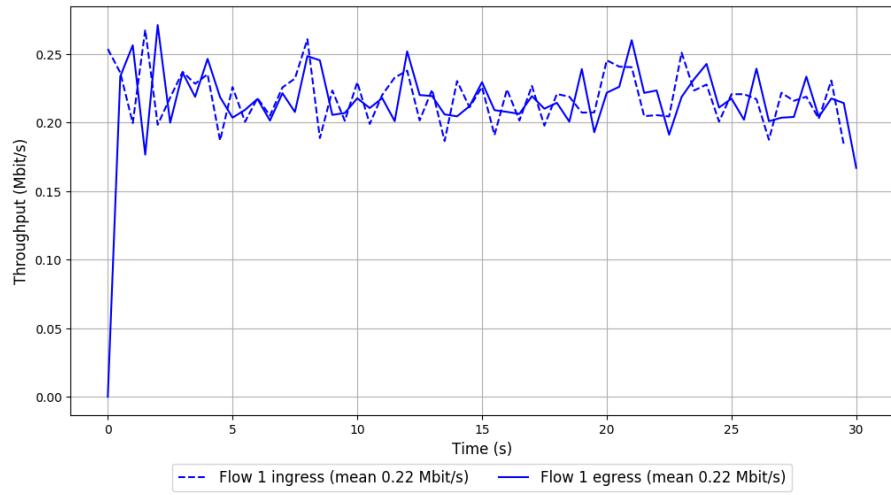


Run 4: Statistics of SCReAM

```
Start at: 2018-06-05 20:34:48
End at: 2018-06-05 20:35:18
Local clock offset: 0.459 ms
Remote clock offset: 0.667 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.979 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.979 ms
Loss rate: 0.26%
```

Run 4: Report of SCReAM — Data Link

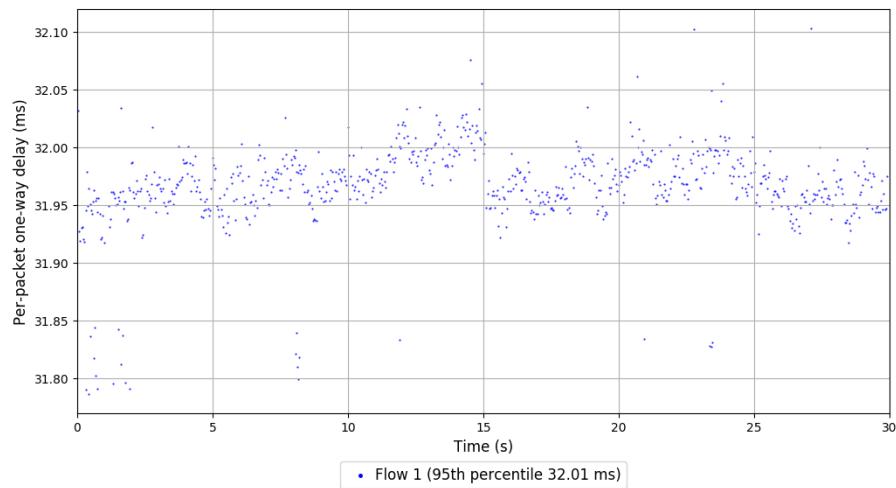
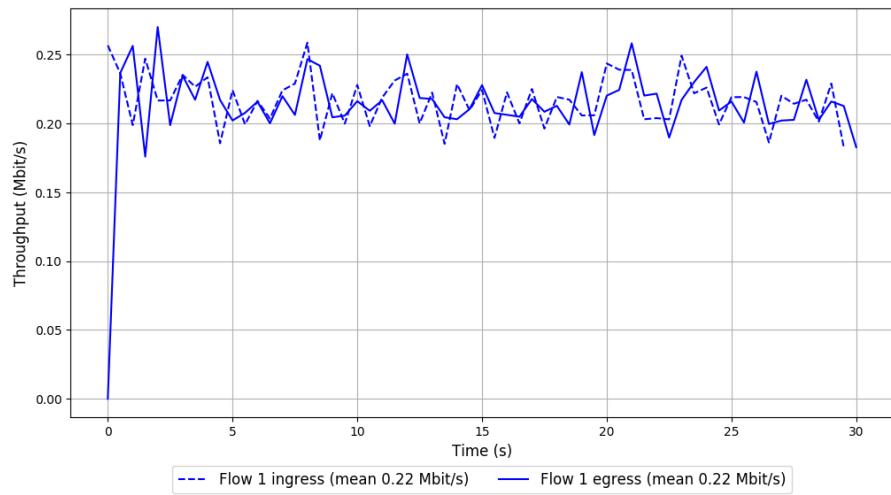


Run 5: Statistics of SCReAM

```
Start at: 2018-06-05 20:55:48
End at: 2018-06-05 20:56:18
Local clock offset: 0.485 ms
Remote clock offset: -2.826 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.013 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.013 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

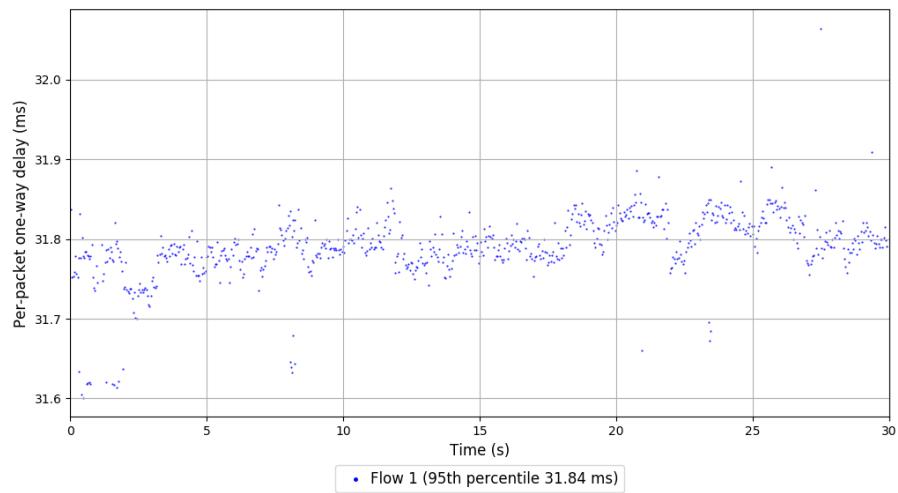
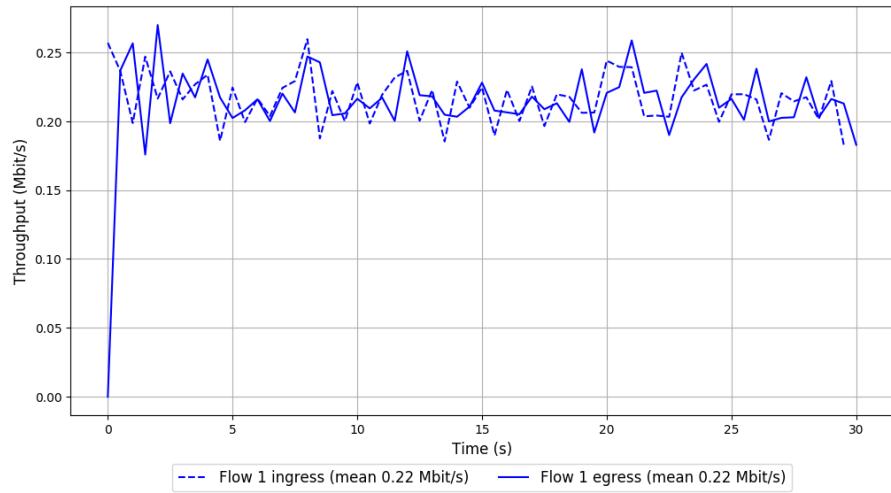


Run 6: Statistics of SCReAM

```
Start at: 2018-06-05 21:16:43
End at: 2018-06-05 21:17:13
Local clock offset: 0.421 ms
Remote clock offset: -2.513 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.841 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.841 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

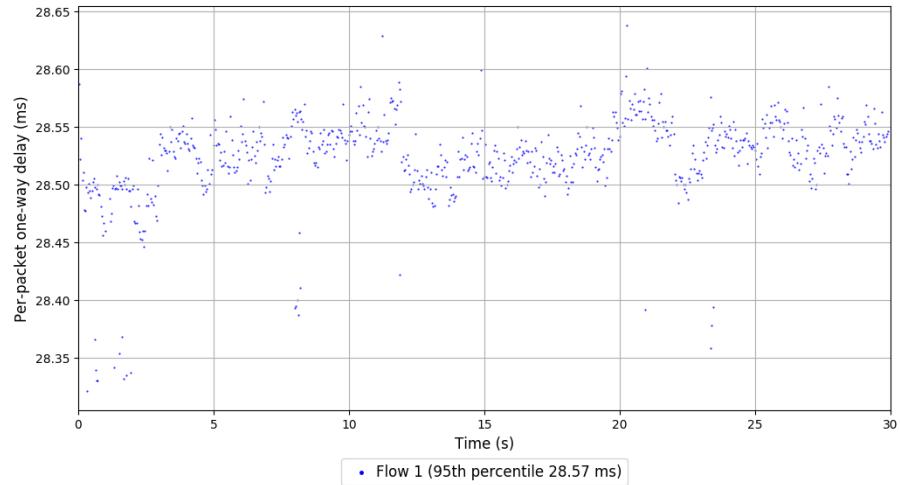
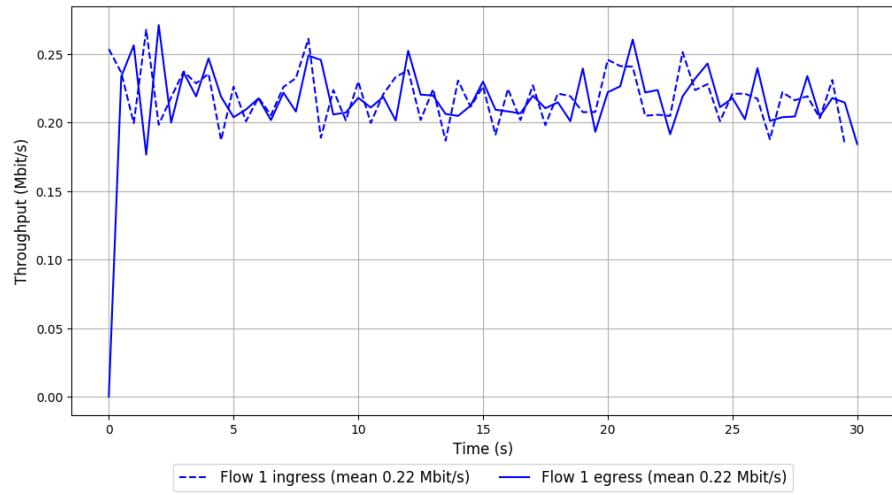


Run 7: Statistics of SCReAM

```
Start at: 2018-06-05 21:37:51
End at: 2018-06-05 21:38:21
Local clock offset: 0.267 ms
Remote clock offset: -2.1 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.569 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.569 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

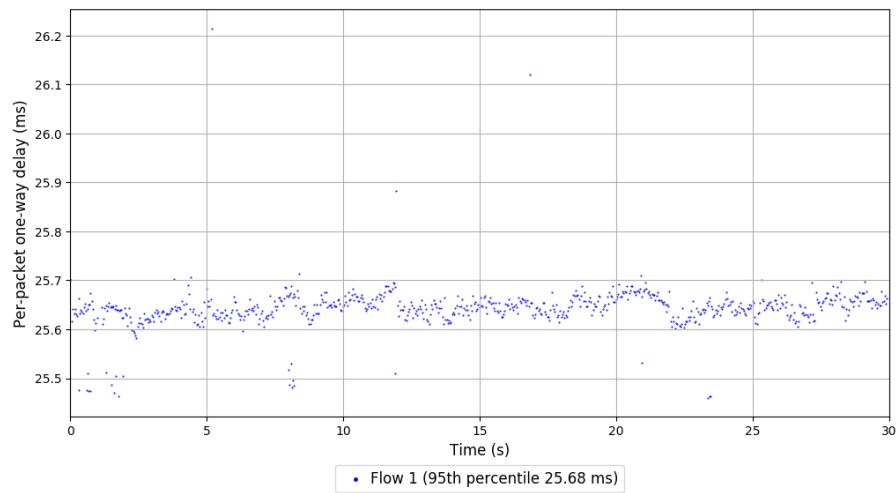
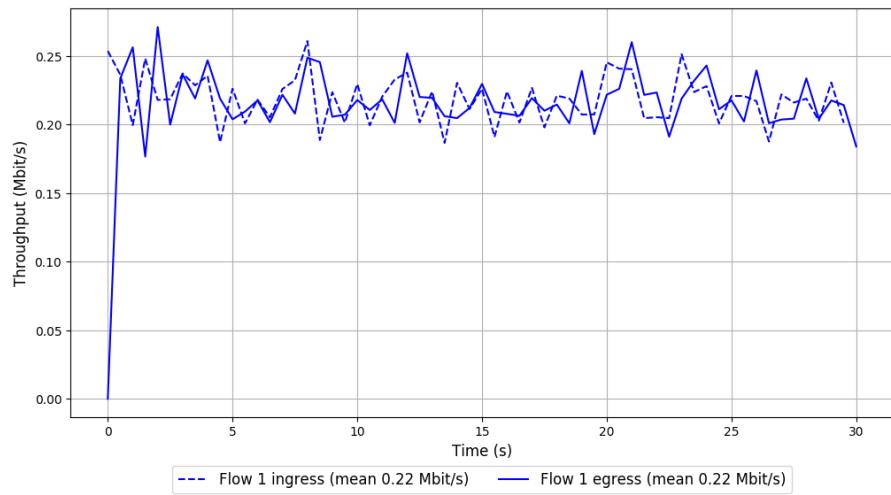


Run 8: Statistics of SCReAM

```
Start at: 2018-06-05 21:58:46
End at: 2018-06-05 21:59:16
Local clock offset: -0.046 ms
Remote clock offset: -0.856 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.680 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.680 ms
Loss rate: 0.26%
```

Run 8: Report of SCReAM — Data Link

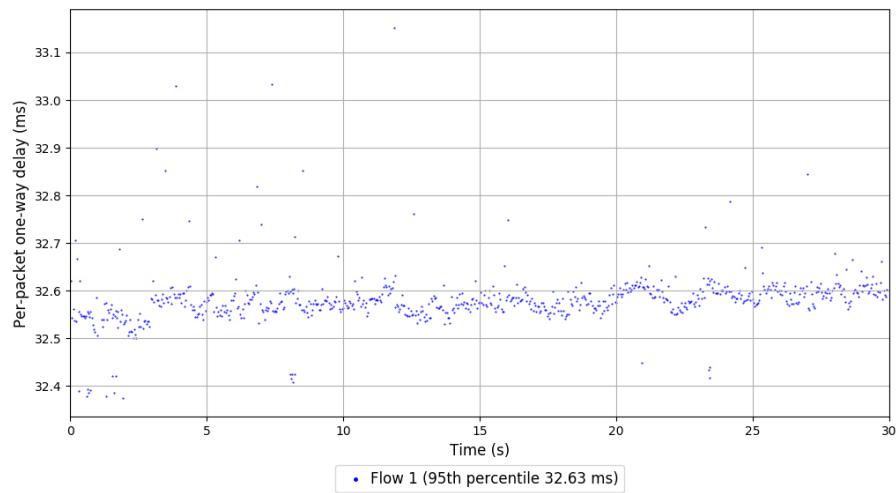
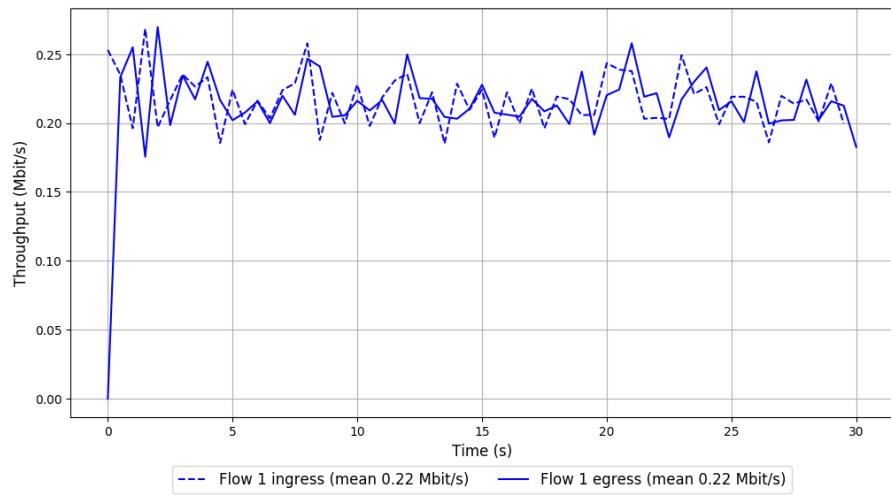


Run 9: Statistics of SCReAM

```
Start at: 2018-06-05 22:19:43
End at: 2018-06-05 22:20:13
Local clock offset: 0.202 ms
Remote clock offset: -3.207 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.628 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.628 ms
Loss rate: 0.26%
```

Run 9: Report of SCReAM — Data Link

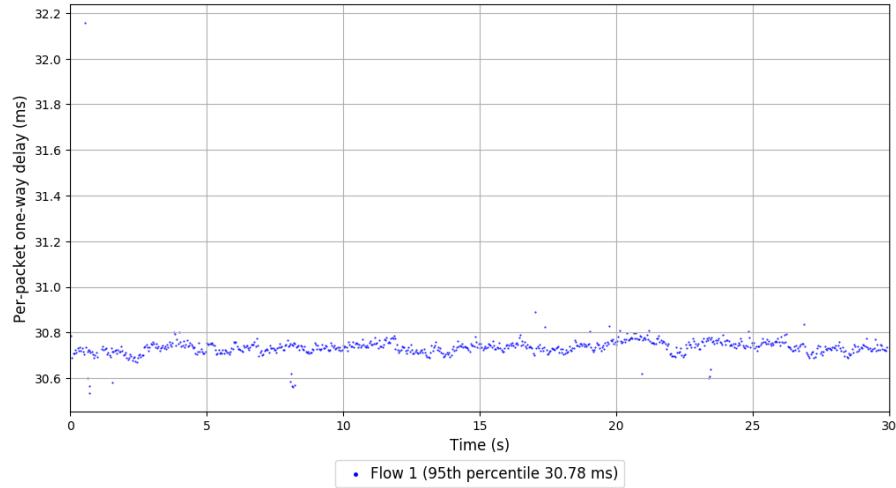
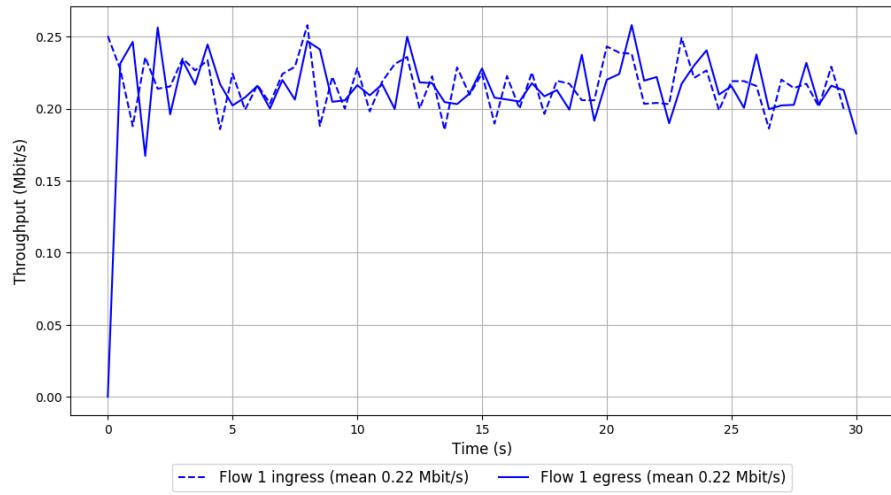


Run 10: Statistics of SCReAM

```
Start at: 2018-06-05 22:40:40
End at: 2018-06-05 22:41:10
Local clock offset: 0.353 ms
Remote clock offset: -0.354 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.776 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.776 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

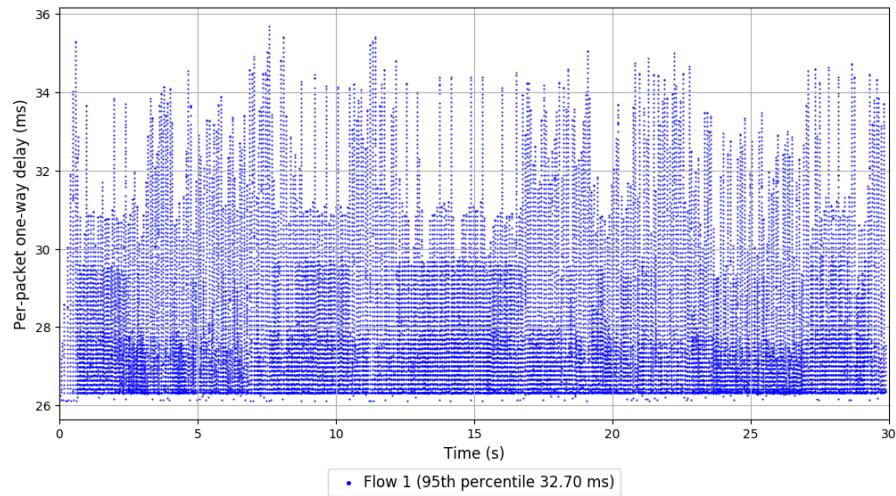
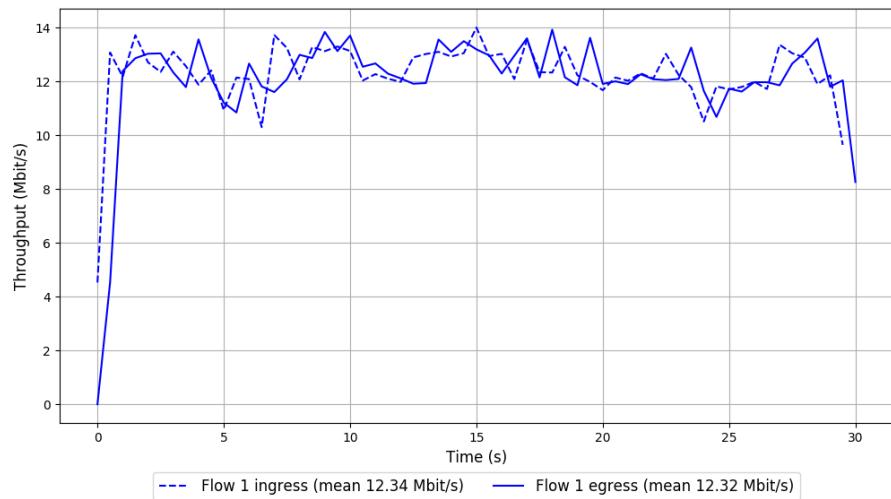


Run 1: Statistics of Sprout

```
Start at: 2018-06-05 19:49:00
End at: 2018-06-05 19:49:30
Local clock offset: 1.296 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 32.700 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 32.700 ms
Loss rate: 0.23%
```

## Run 1: Report of Sprout — Data Link

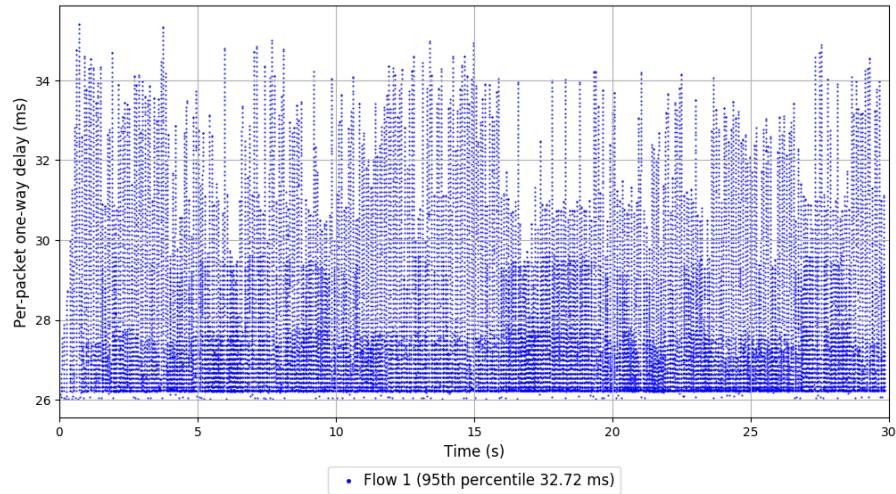
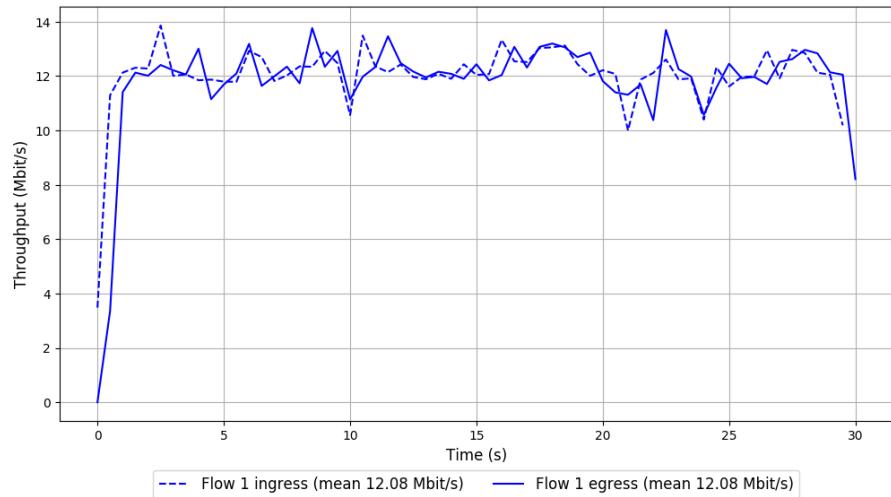


Run 2: Statistics of Sprout

```
Start at: 2018-06-05 20:09:55
End at: 2018-06-05 20:10:25
Local clock offset: 1.081 ms
Remote clock offset: 0.288 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 32.720 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 32.720 ms
Loss rate: 0.27%
```

## Run 2: Report of Sprout — Data Link

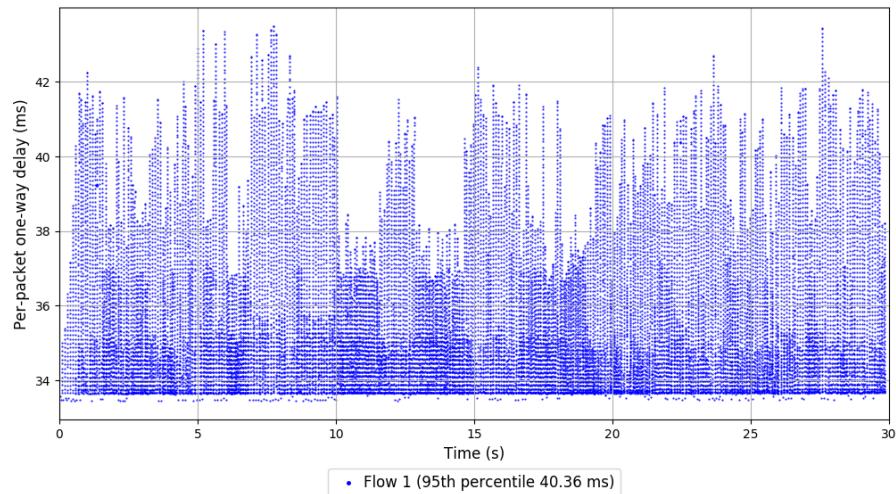
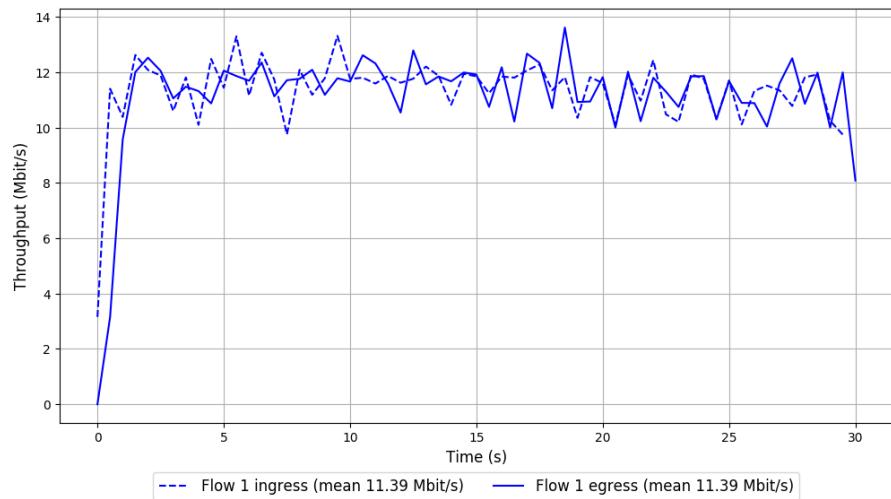


Run 3: Statistics of Sprout

```
Start at: 2018-06-05 20:30:56
End at: 2018-06-05 20:31:26
Local clock offset: 0.495 ms
Remote clock offset: -1.899 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 40.358 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 40.358 ms
Loss rate: 0.29%
```

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

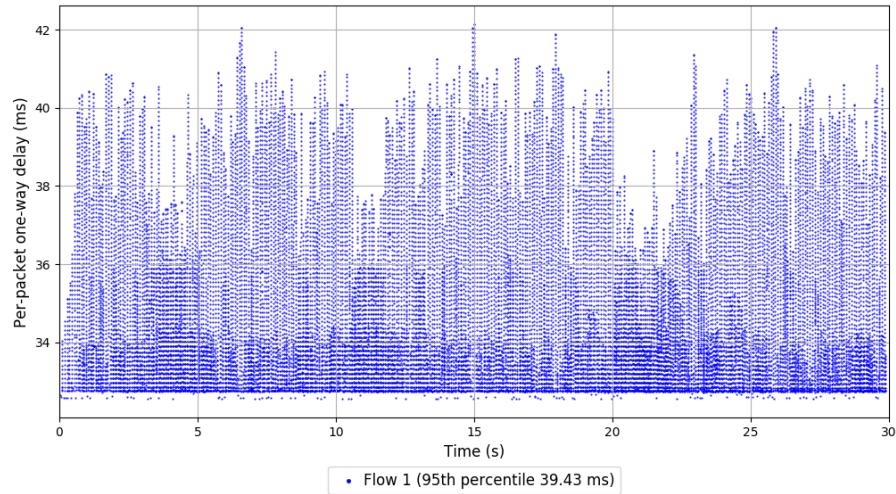
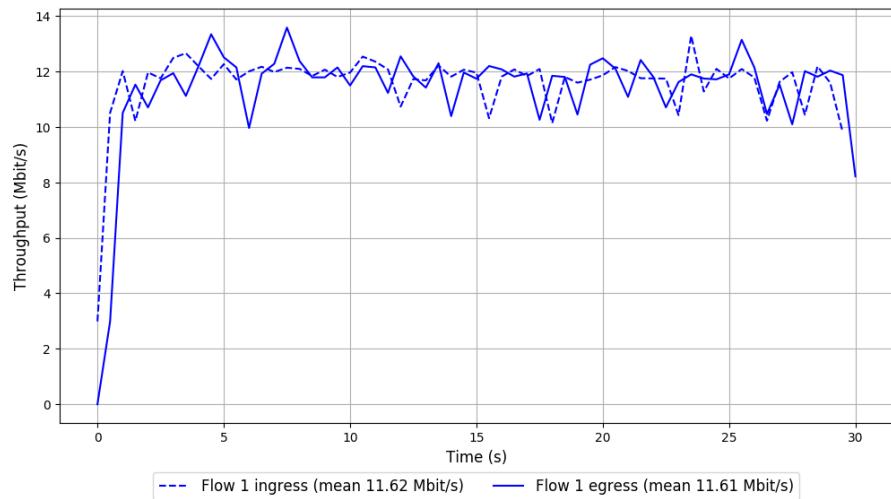


Run 4: Statistics of Sprout

```
Start at: 2018-06-05 20:51:57
End at: 2018-06-05 20:52:27
Local clock offset: 0.514 ms
Remote clock offset: -2.639 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 39.434 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 39.434 ms
Loss rate: 0.26%
```

## Run 4: Report of Sprout — Data Link

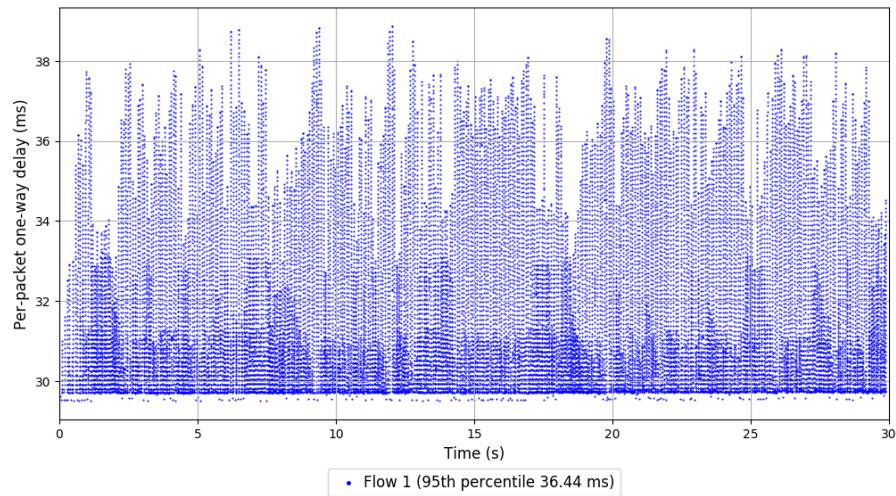
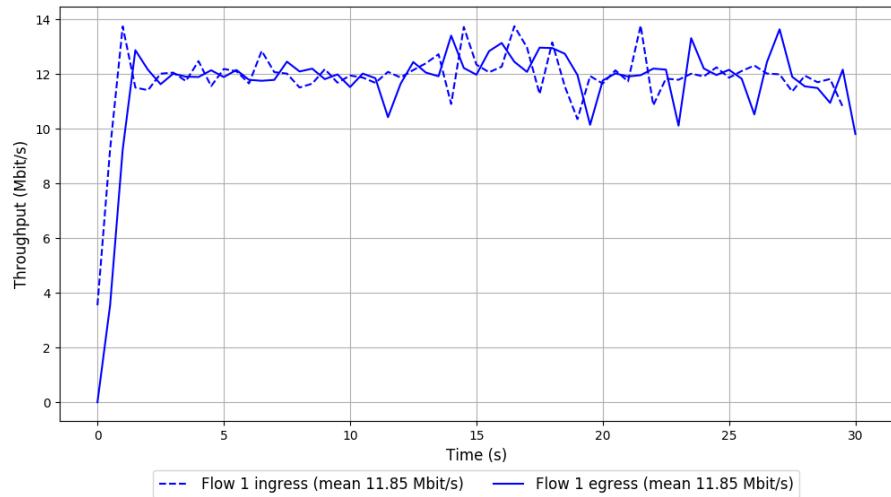


Run 5: Statistics of Sprout

```
Start at: 2018-06-05 21:12:52
End at: 2018-06-05 21:13:22
Local clock offset: 0.417 ms
Remote clock offset: -0.621 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.85 Mbit/s
95th percentile per-packet one-way delay: 36.440 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 11.85 Mbit/s
95th percentile per-packet one-way delay: 36.440 ms
Loss rate: 0.28%
```

## Run 5: Report of Sprout — Data Link

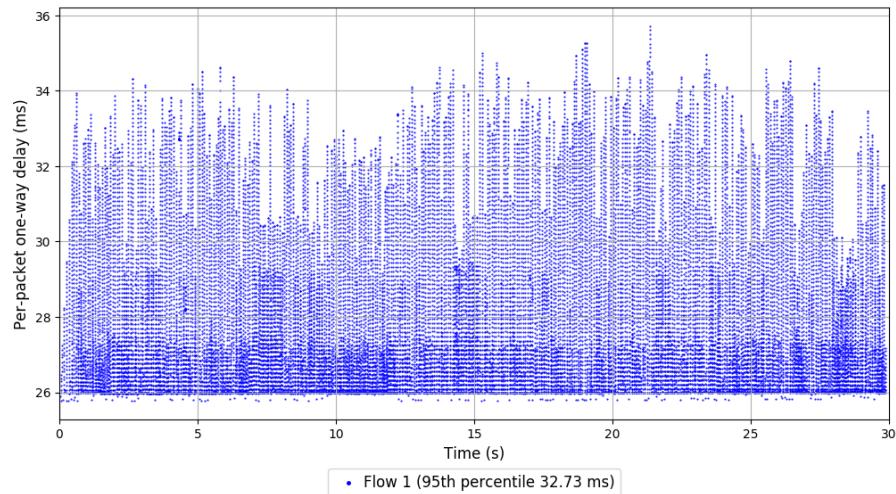
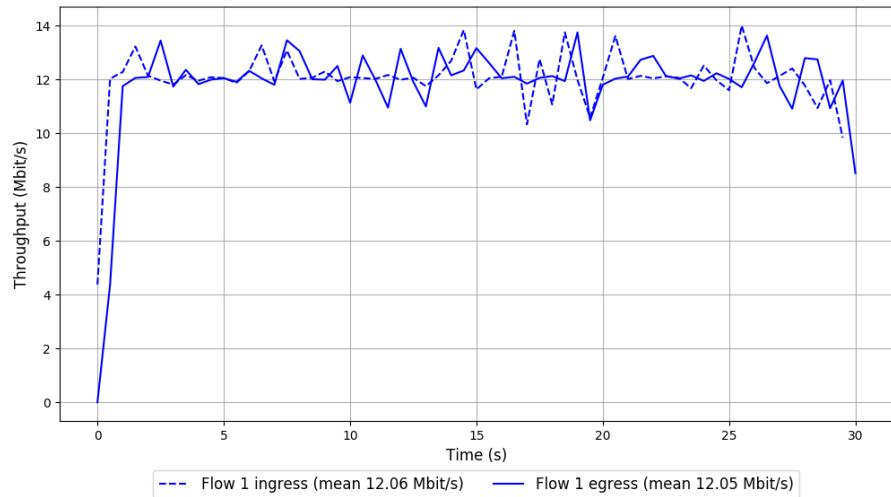


Run 6: Statistics of Sprout

```
Start at: 2018-06-05 21:33:53
End at: 2018-06-05 21:34:23
Local clock offset: 0.479 ms
Remote clock offset: 0.461 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 32.731 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 32.731 ms
Loss rate: 0.23%
```

Run 6: Report of Sprout — Data Link

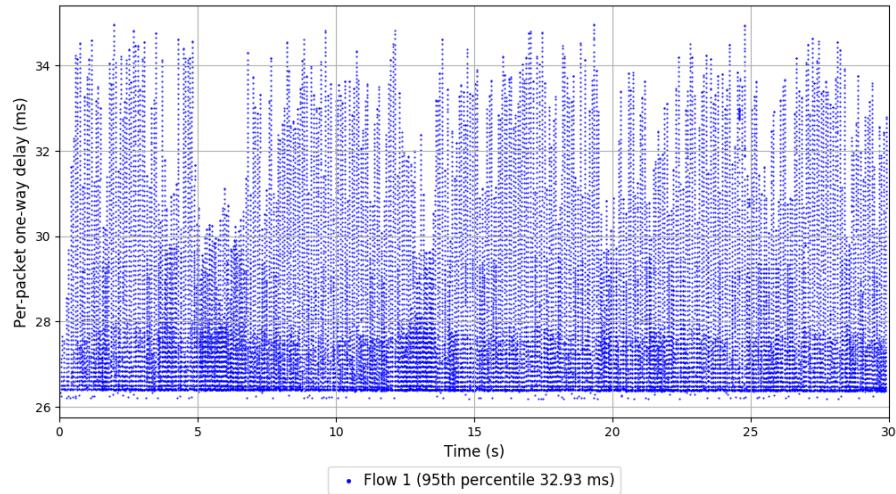
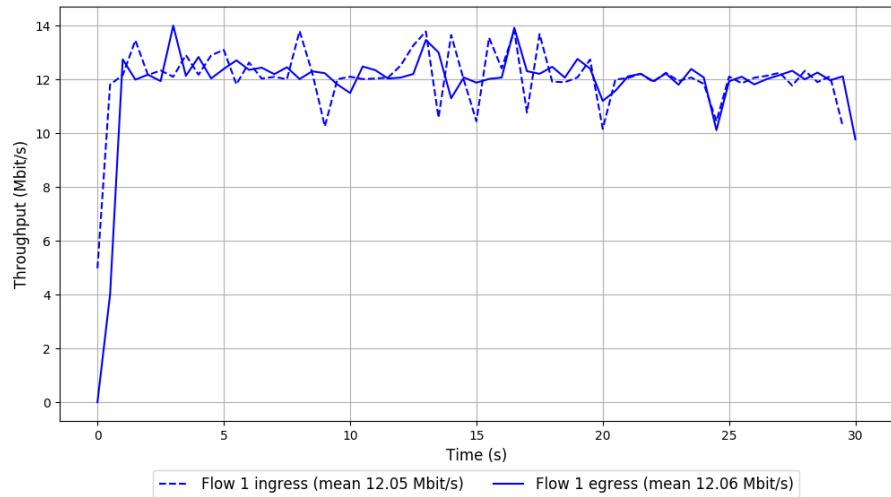


Run 7: Statistics of Sprout

```
Start at: 2018-06-05 21:54:55
End at: 2018-06-05 21:55:25
Local clock offset: 0.095 ms
Remote clock offset: -0.628 ms

# Below is generated by plot.py at 2018-06-05 23:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 32.927 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 32.927 ms
Loss rate: 0.07%
```

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

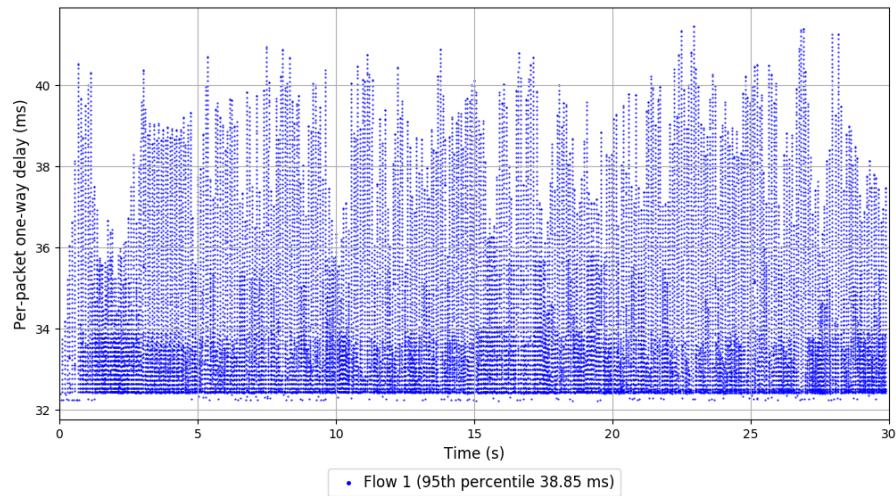
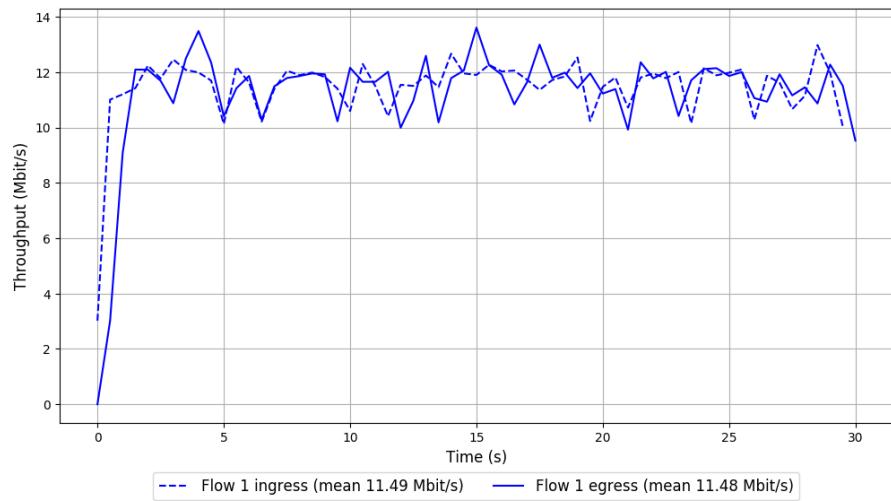


Run 8: Statistics of Sprout

```
Start at: 2018-06-05 22:15:51
End at: 2018-06-05 22:16:21
Local clock offset: 0.095 ms
Remote clock offset: -3.124 ms

# Below is generated by plot.py at 2018-06-05 23:17:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 38.853 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 38.853 ms
Loss rate: 0.29%
```

## Run 8: Report of Sprout — Data Link

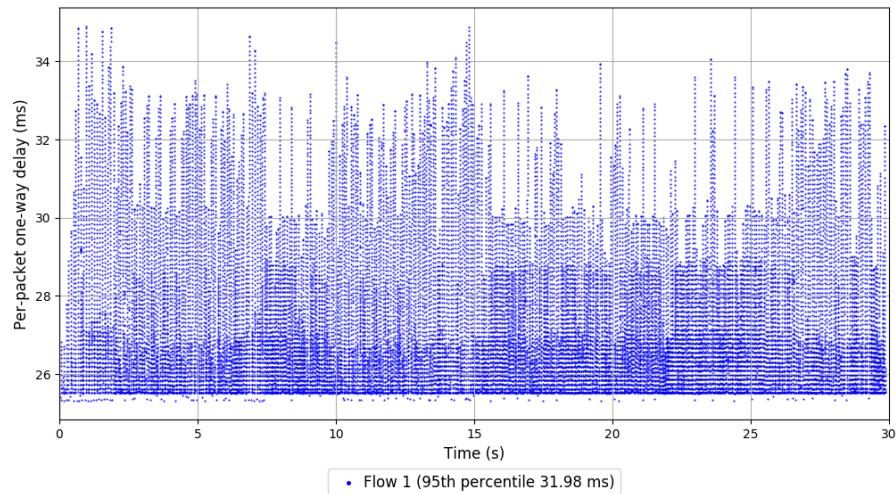
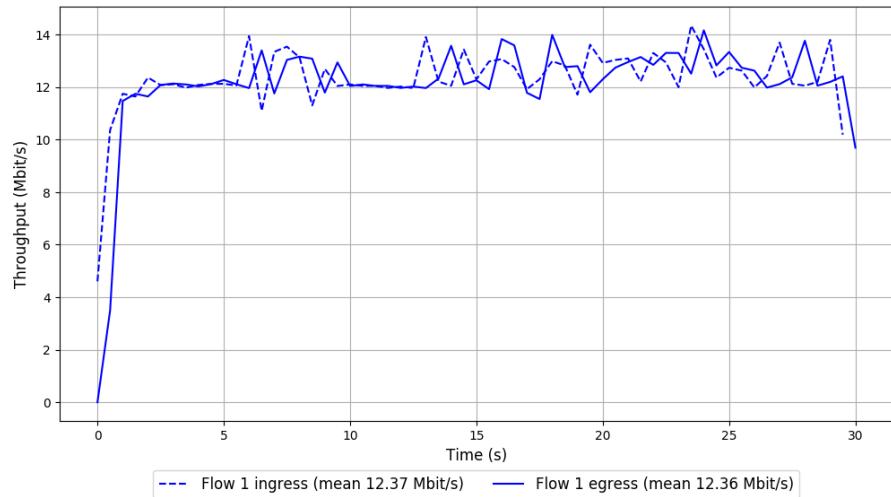


Run 9: Statistics of Sprout

```
Start at: 2018-06-05 22:36:49
End at: 2018-06-05 22:37:19
Local clock offset: 0.277 ms
Remote clock offset: -0.373 ms

# Below is generated by plot.py at 2018-06-05 23:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 31.979 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 31.979 ms
Loss rate: 0.26%
```

## Run 9: Report of Sprout — Data Link

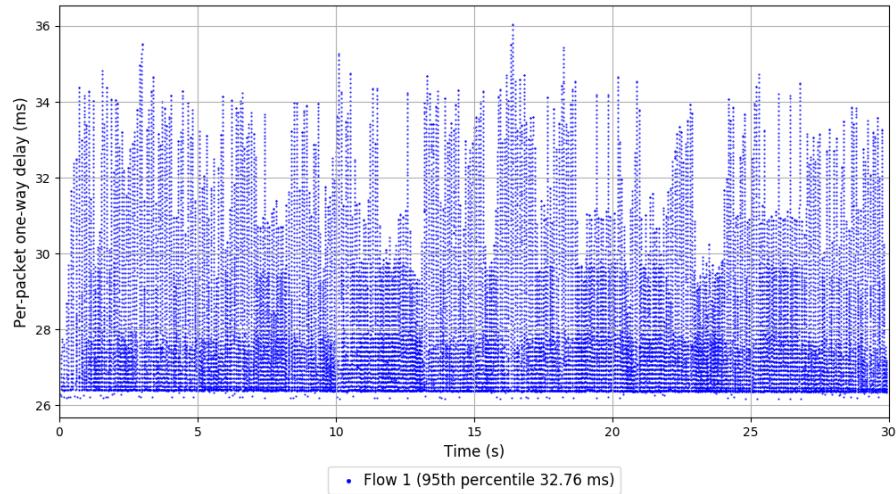
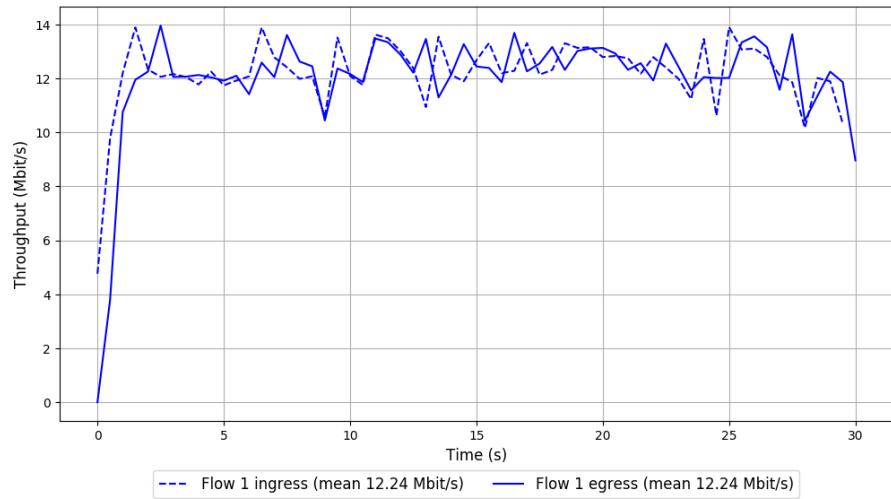


Run 10: Statistics of Sprout

```
Start at: 2018-06-05 22:57:41
End at: 2018-06-05 22:58:11
Local clock offset: 0.471 ms
Remote clock offset: -0.431 ms

# Below is generated by plot.py at 2018-06-05 23:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 32.759 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 32.759 ms
Loss rate: 0.19%
```

Run 10: Report of Sprout — Data Link

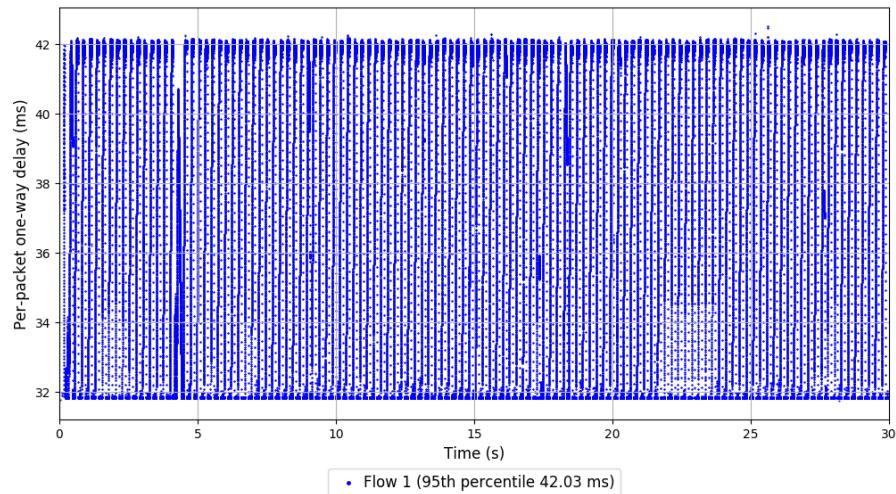
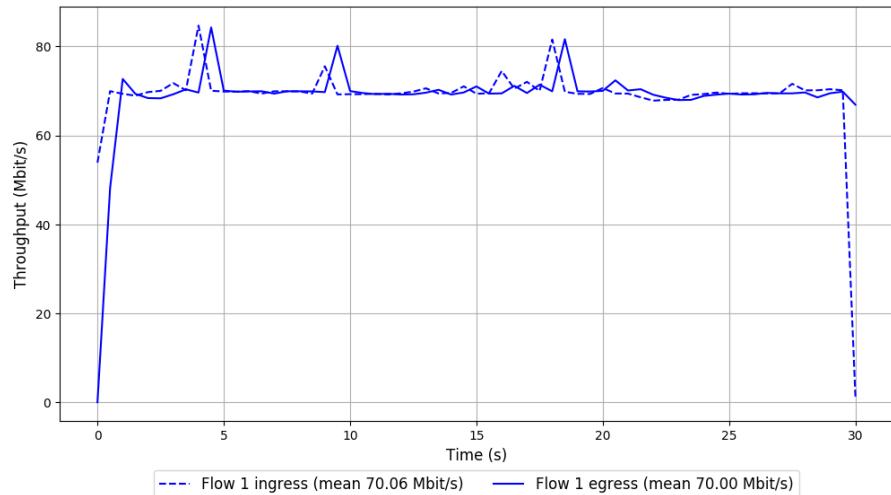


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-06-05 19:34:32
End at: 2018-06-05 19:35:02
Local clock offset: 1.2 ms
Remote clock offset: -2.29 ms

# Below is generated by plot.py at 2018-06-05 23:19:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 42.027 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 42.027 ms
Loss rate: 0.29%
```

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

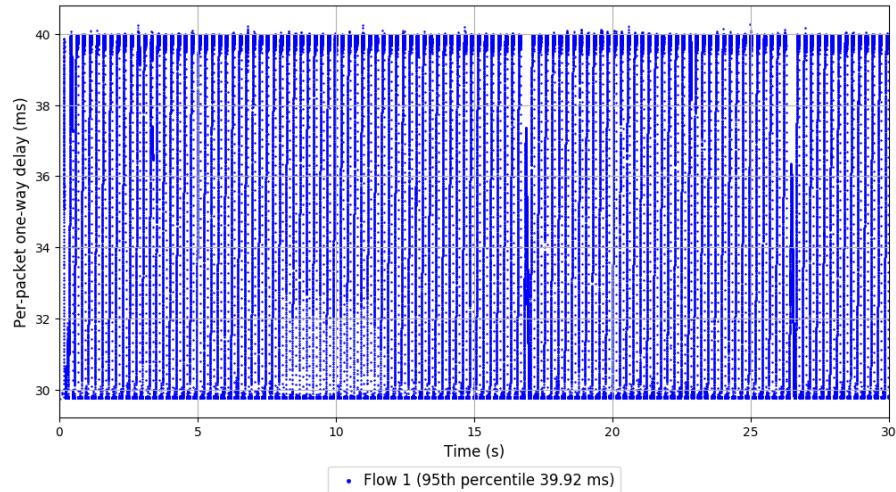
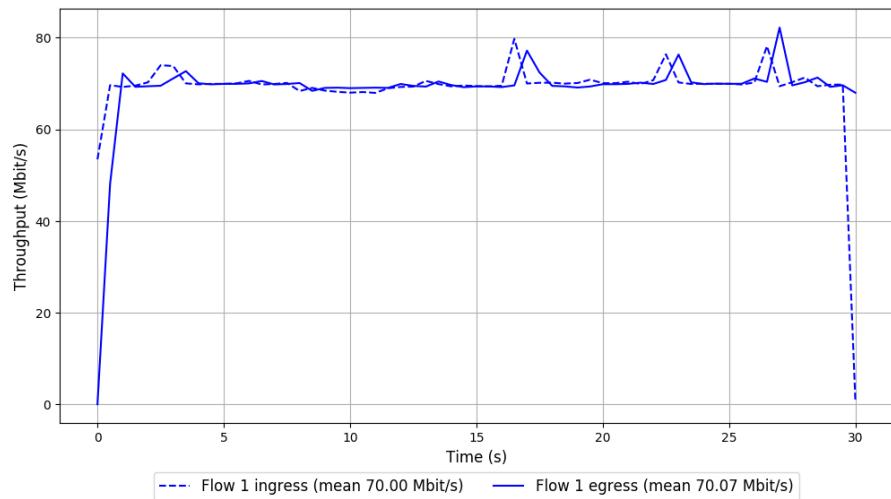


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-06-05 19:55:27
End at: 2018-06-05 19:55:57
Local clock offset: 1.38 ms
Remote clock offset: 0.189 ms

# Below is generated by plot.py at 2018-06-05 23:19:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 39.924 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 39.924 ms
Loss rate: 0.11%
```

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

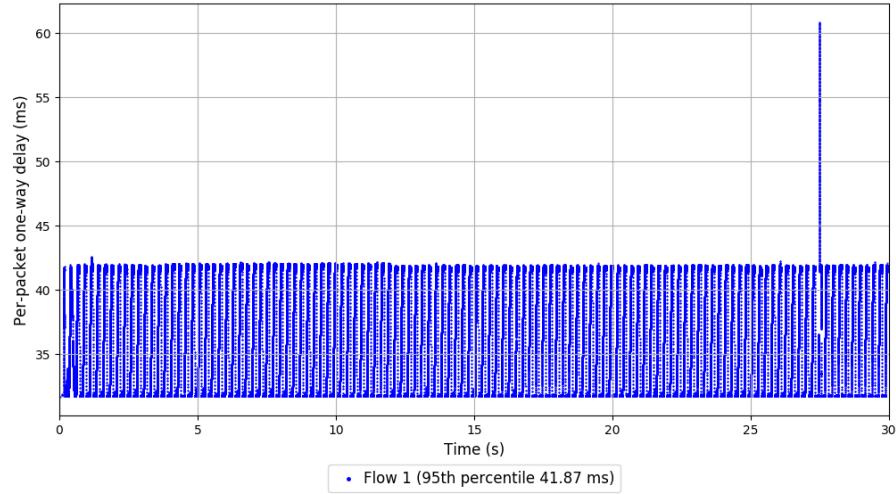
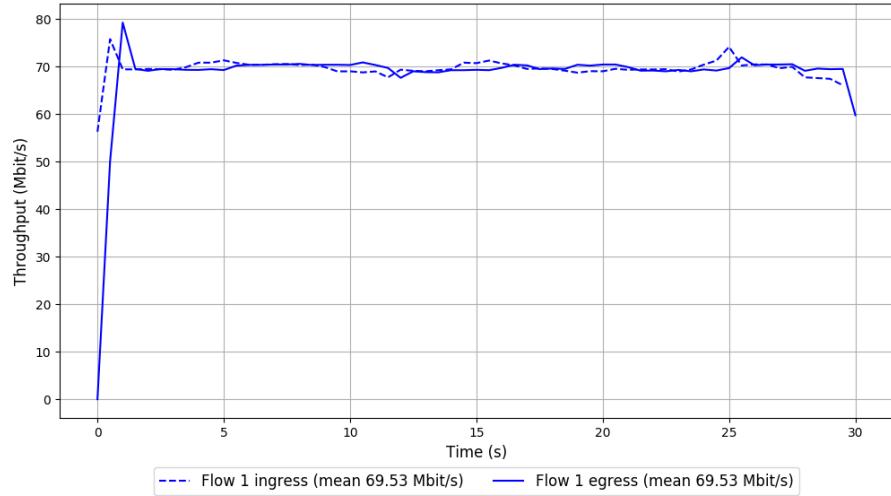


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:16:24
End at: 2018-06-05 20:16:54
Local clock offset: 0.656 ms
Remote clock offset: -2.062 ms

# Below is generated by plot.py at 2018-06-05 23:19:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 41.866 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 41.866 ms
Loss rate: 0.20%
```

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

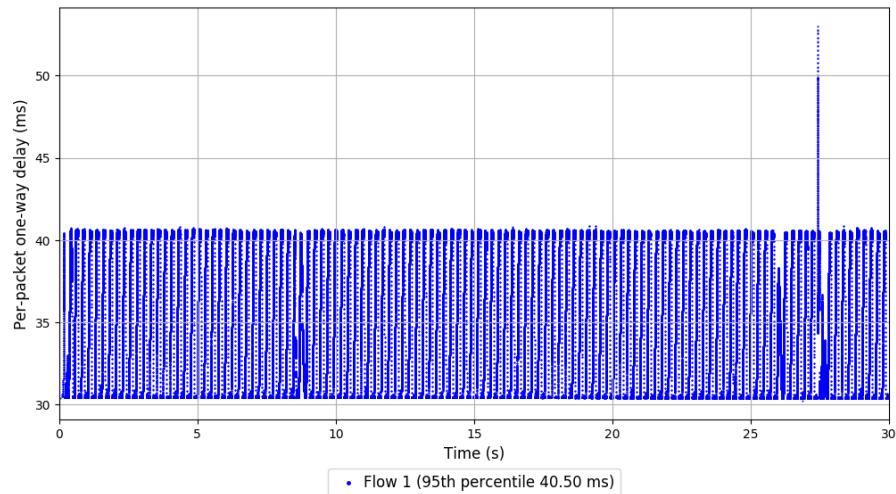
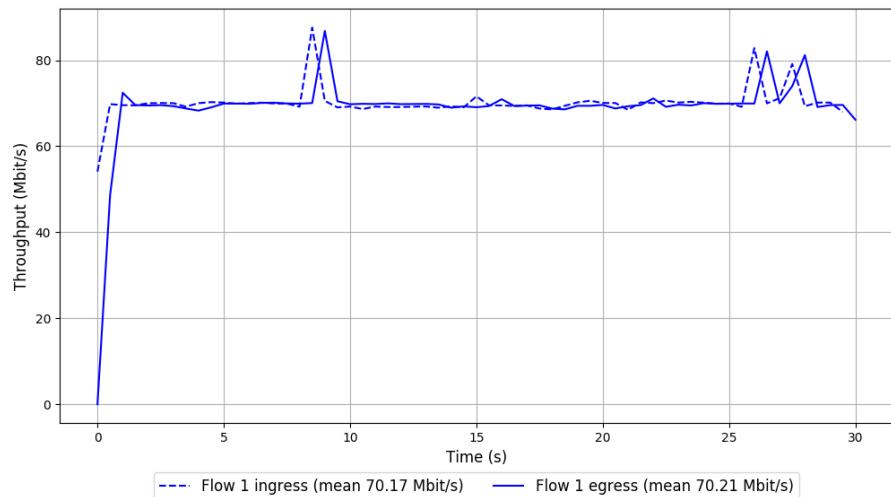


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:37:25
End at: 2018-06-05 20:37:55
Local clock offset: 0.404 ms
Remote clock offset: 0.291 ms

# Below is generated by plot.py at 2018-06-05 23:19:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.21 Mbit/s
95th percentile per-packet one-way delay: 40.504 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 70.21 Mbit/s
95th percentile per-packet one-way delay: 40.504 ms
Loss rate: 0.14%
```

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

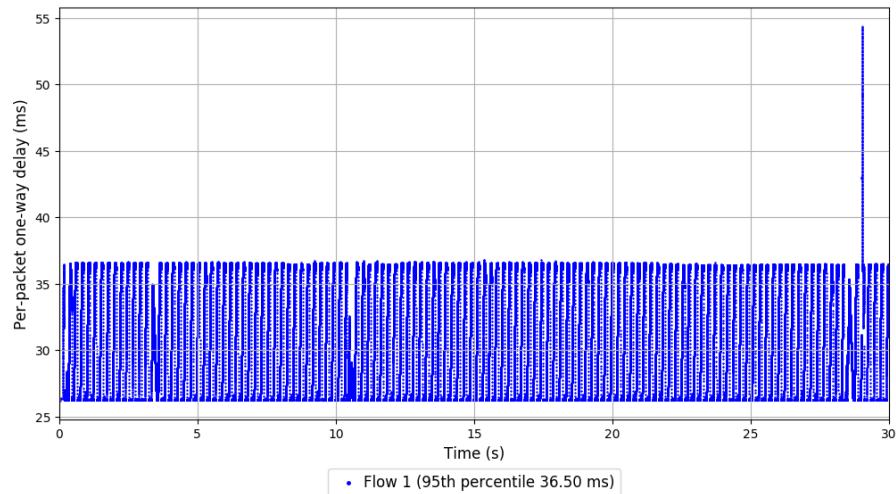
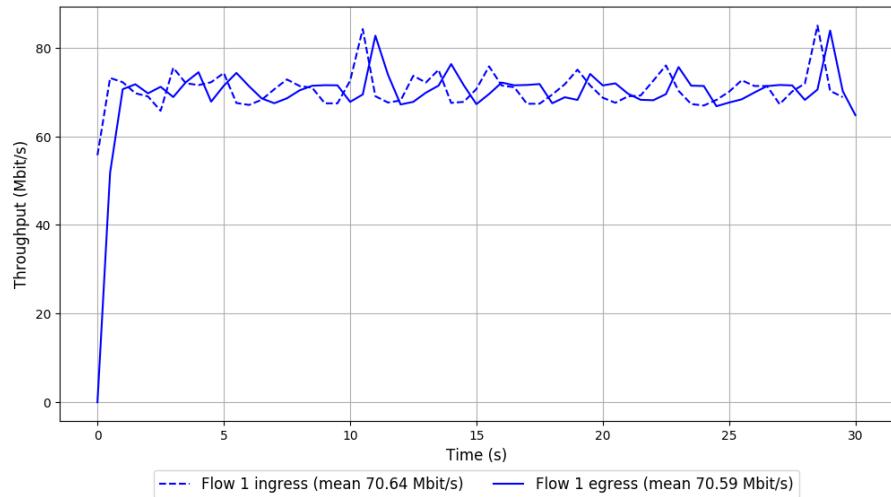


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-06-05 20:58:24
End at: 2018-06-05 20:58:54
Local clock offset: 0.403 ms
Remote clock offset: -0.736 ms

# Below is generated by plot.py at 2018-06-05 23:19:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 36.504 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 36.504 ms
Loss rate: 0.26%
```

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

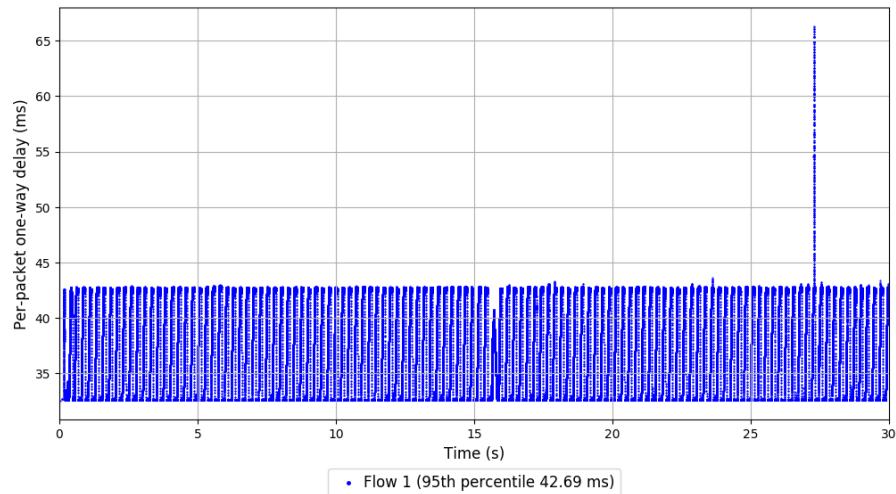
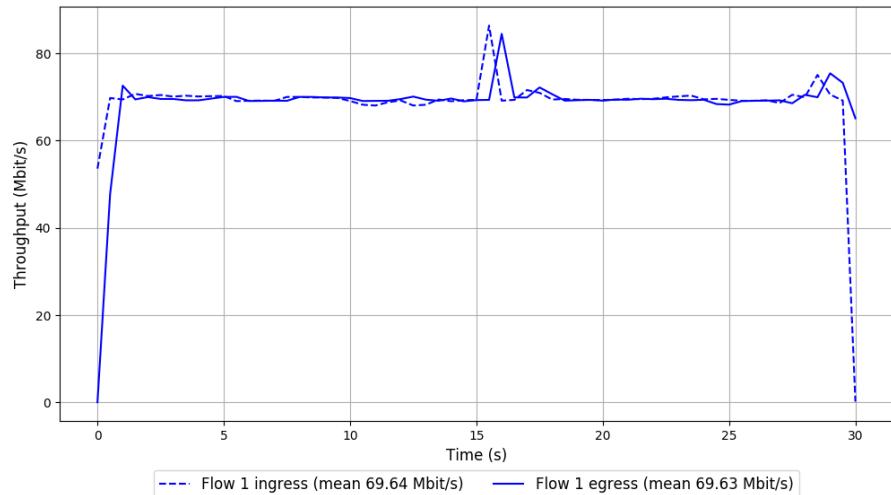


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-06-05 21:19:19
End at: 2018-06-05 21:19:49
Local clock offset: 0.509 ms
Remote clock offset: -2.474 ms

# Below is generated by plot.py at 2018-06-05 23:19:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.63 Mbit/s
95th percentile per-packet one-way delay: 42.685 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 69.63 Mbit/s
95th percentile per-packet one-way delay: 42.685 ms
Loss rate: 0.22%
```

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

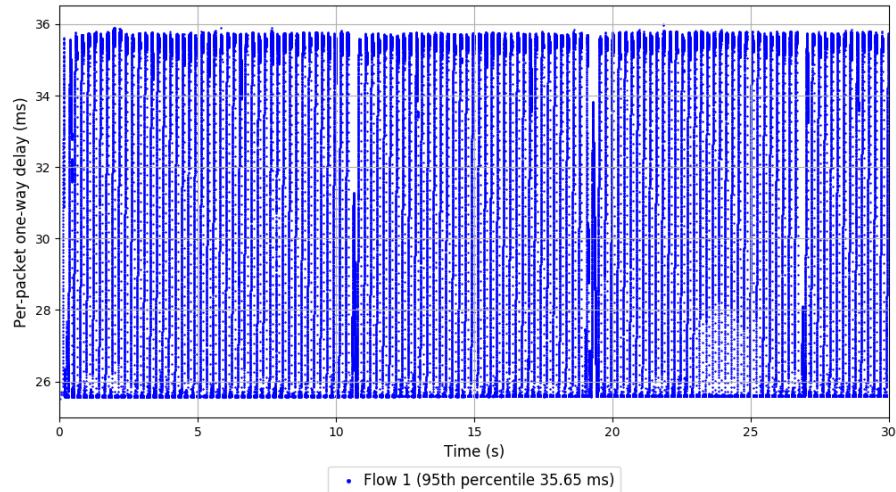
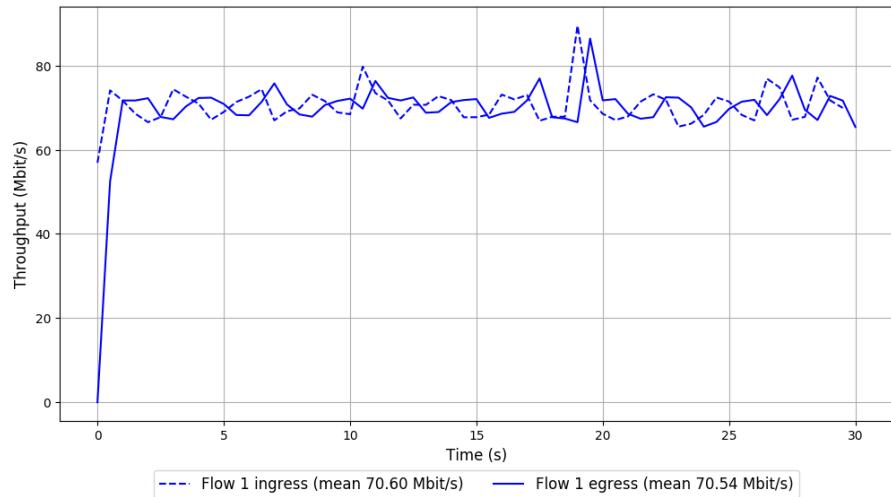


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-06-05 21:40:28
End at: 2018-06-05 21:40:58
Local clock offset: 0.214 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2018-06-05 23:19:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 35.652 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 35.652 ms
Loss rate: 0.27%
```

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

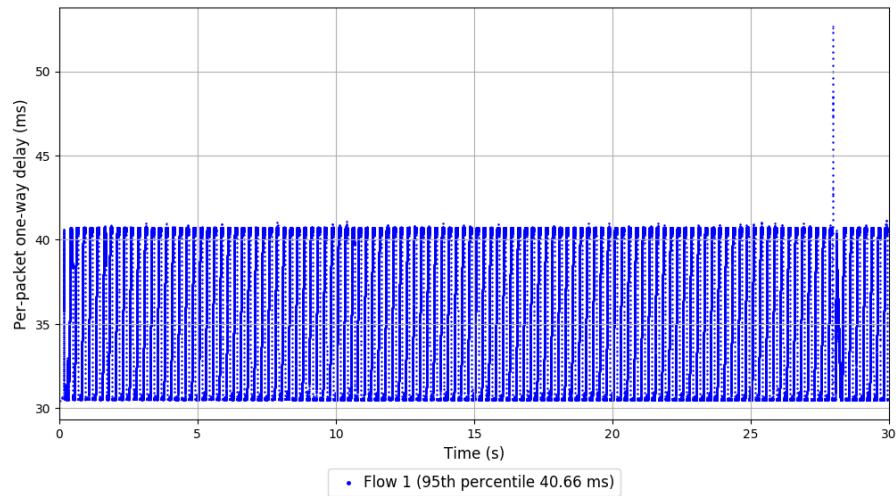
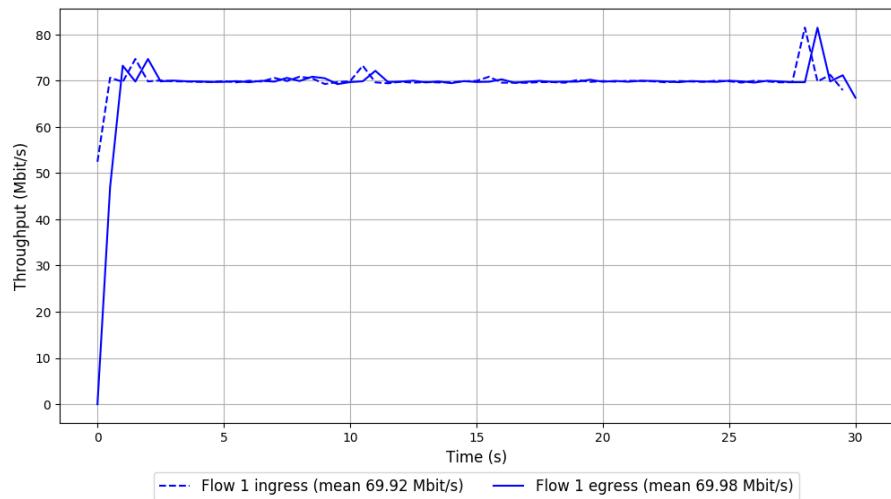


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-06-05 22:01:22
End at: 2018-06-05 22:01:52
Local clock offset: 0.013 ms
Remote clock offset: -0.928 ms

# Below is generated by plot.py at 2018-06-05 23:19:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.98 Mbit/s
95th percentile per-packet one-way delay: 40.659 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 69.98 Mbit/s
95th percentile per-packet one-way delay: 40.659 ms
Loss rate: 0.11%
```

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

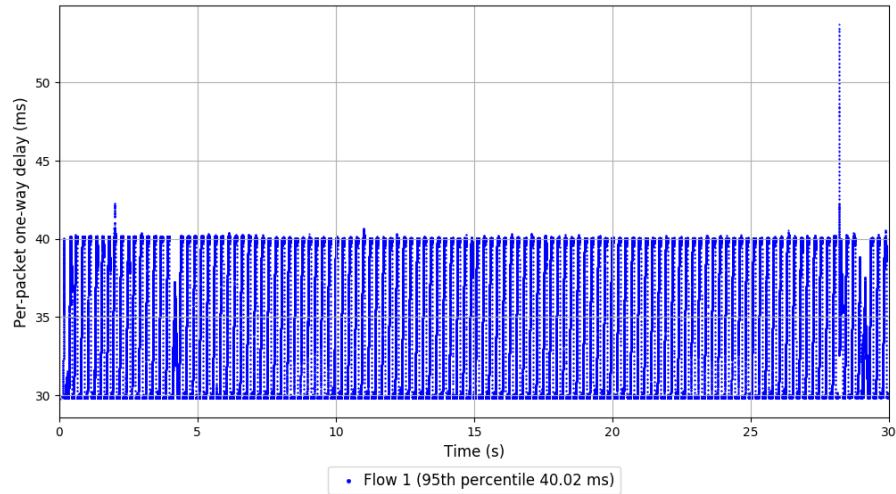
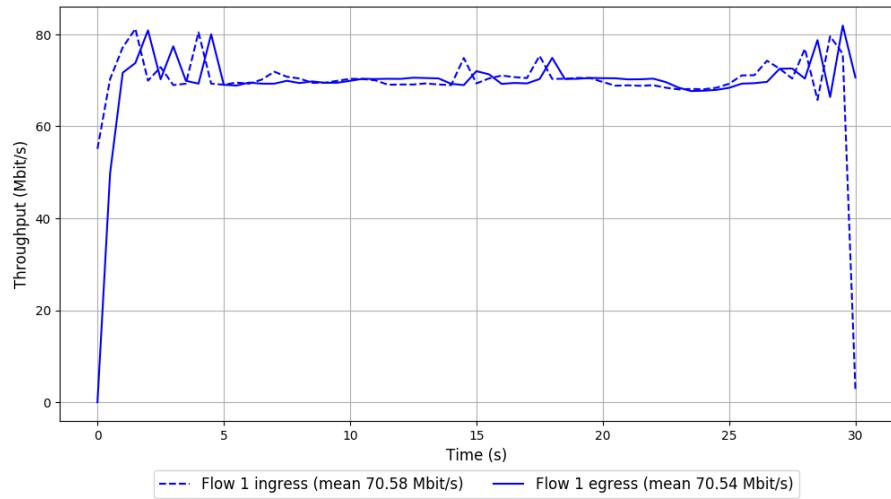


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-06-05 22:22:20
End at: 2018-06-05 22:22:50
Local clock offset: 0.196 ms
Remote clock offset: -1.005 ms

# Below is generated by plot.py at 2018-06-05 23:20:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 40.024 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 40.024 ms
Loss rate: 0.25%
```

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

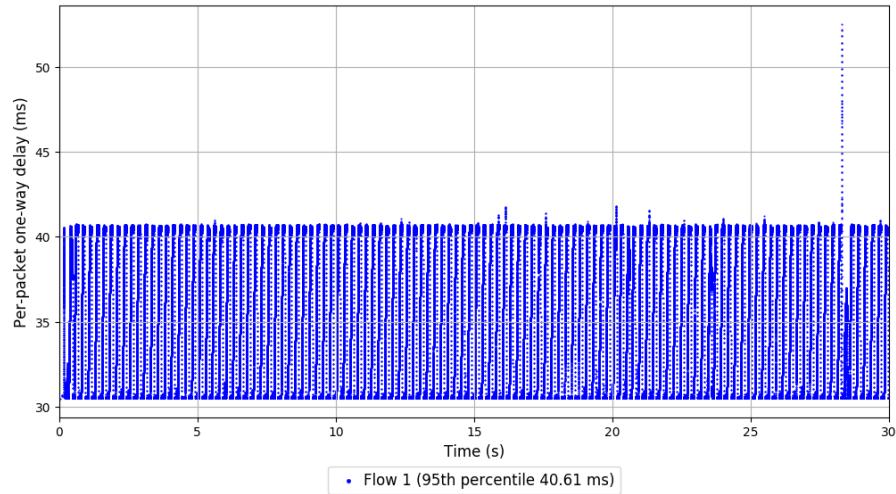
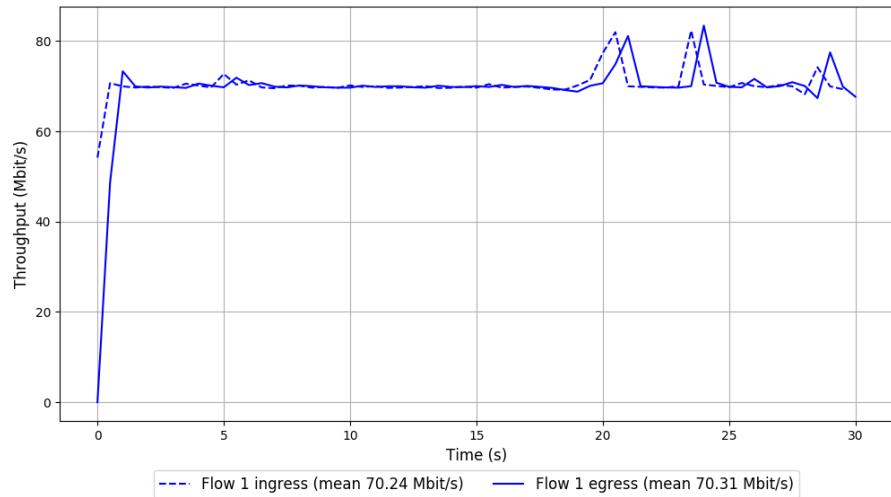


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-06-05 22:43:15
End at: 2018-06-05 22:43:45
Local clock offset: 0.378 ms
Remote clock offset: -0.324 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.31 Mbit/s
95th percentile per-packet one-way delay: 40.607 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 70.31 Mbit/s
95th percentile per-packet one-way delay: 40.607 ms
Loss rate: 0.10%
```

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

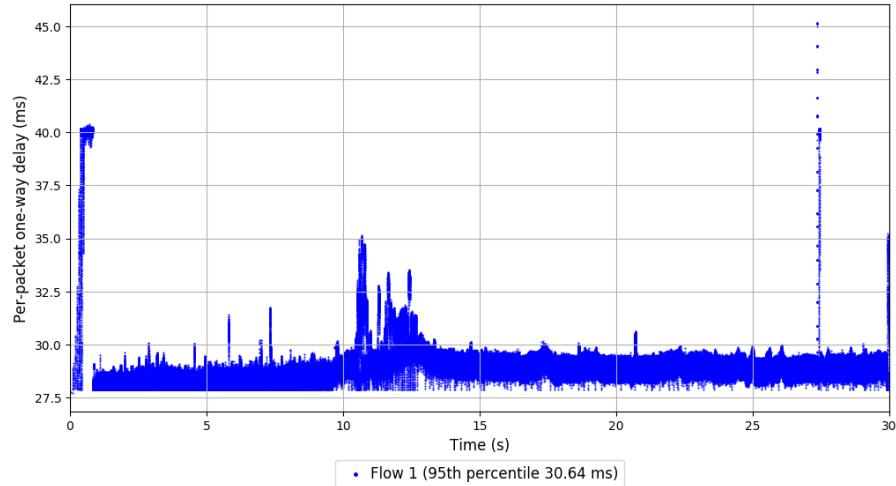
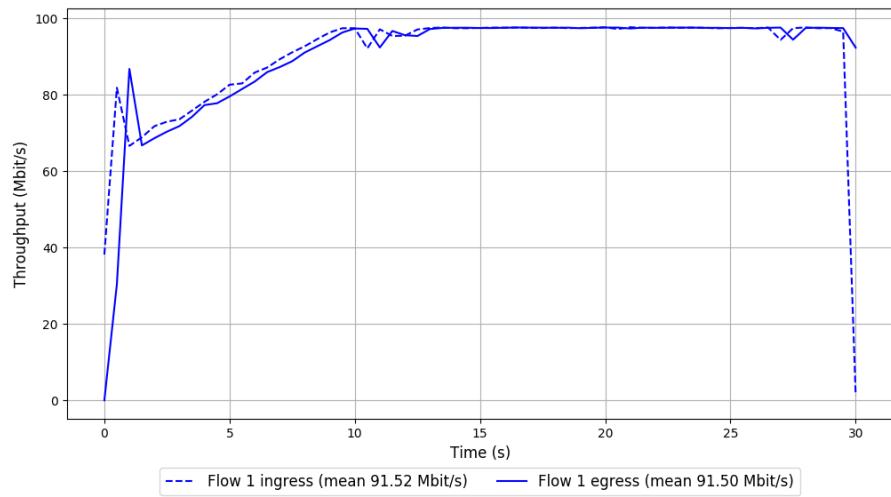


Run 1: Statistics of TCP Vegas

```
Start at: 2018-06-05 19:43:48
End at: 2018-06-05 19:44:18
Local clock offset: 1.332 ms
Remote clock offset: -2.236 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 0.20%
```

Run 1: Report of TCP Vegas — Data Link

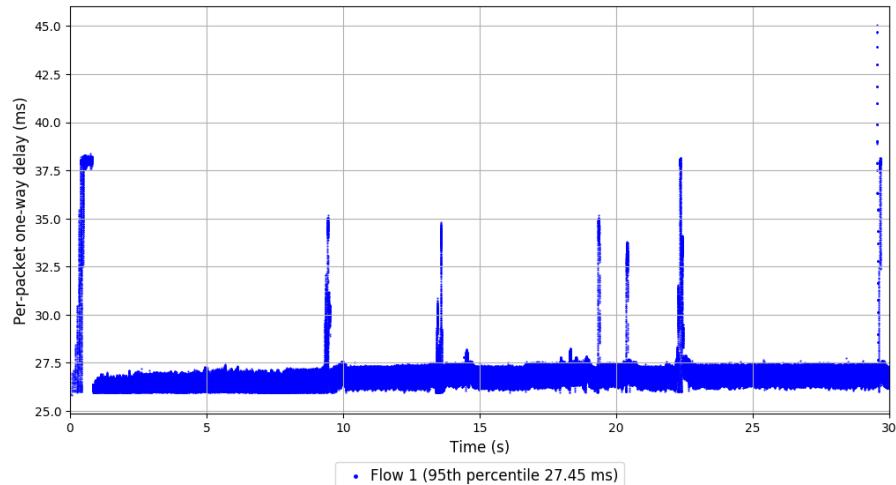
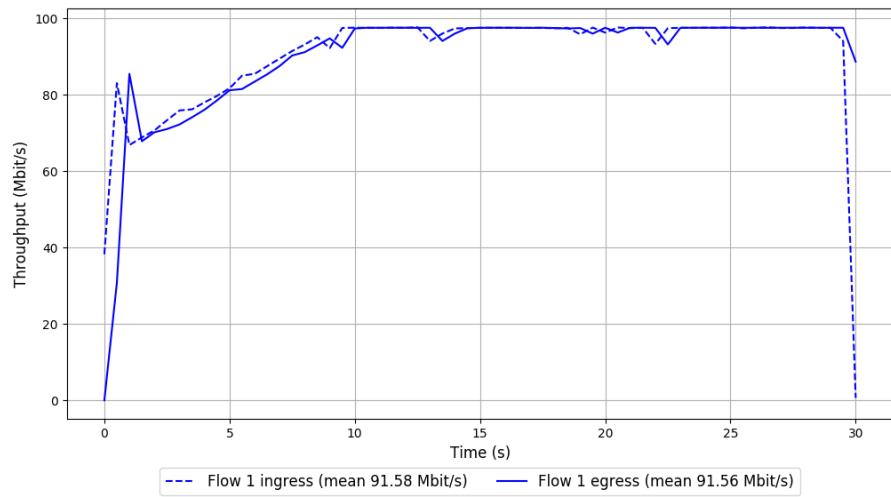


Run 2: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:04:43
End at: 2018-06-05 20:05:13
Local clock offset: 1.52 ms
Remote clock offset: 0.958 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 27.449 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 27.449 ms
Loss rate: 0.21%
```

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

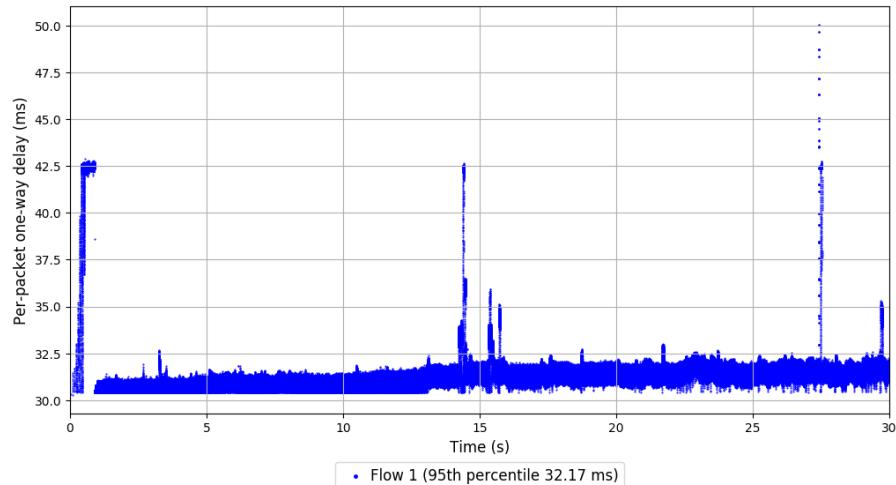
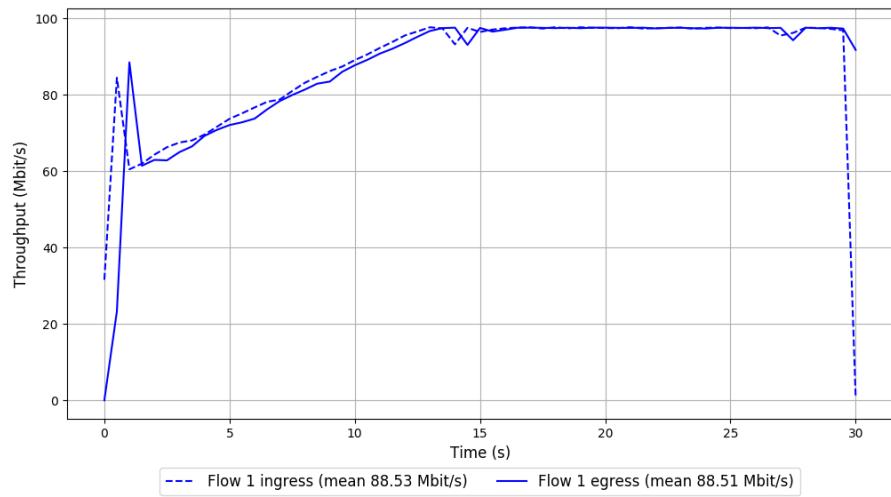


Run 3: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:25:43
End at: 2018-06-05 20:26:13
Local clock offset: 0.458 ms
Remote clock offset: 0.059 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 32.169 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 32.169 ms
Loss rate: 0.23%
```

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

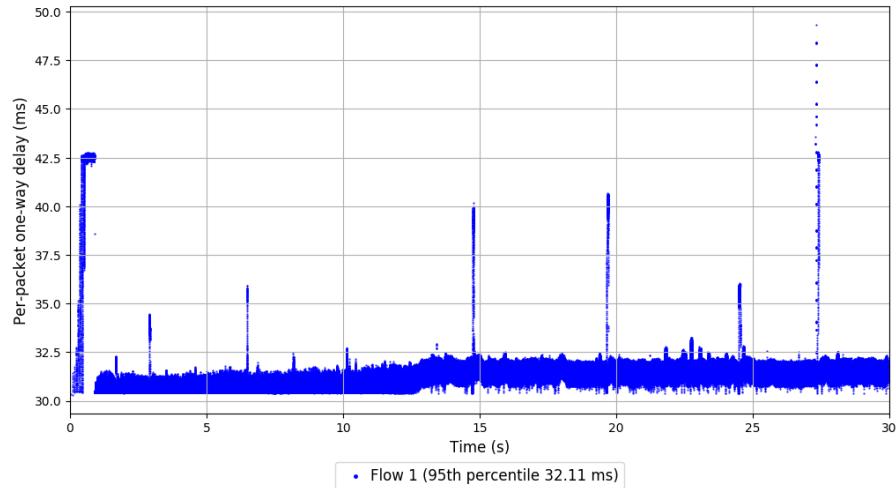
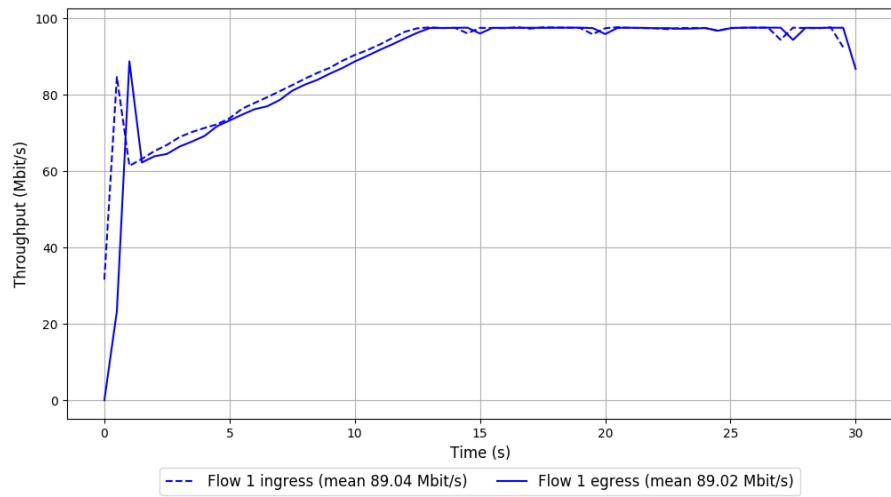


Run 4: Statistics of TCP Vegas

```
Start at: 2018-06-05 20:46:44
End at: 2018-06-05 20:47:14
Local clock offset: 0.421 ms
Remote clock offset: -0.422 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.02 Mbit/s
95th percentile per-packet one-way delay: 32.112 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 89.02 Mbit/s
95th percentile per-packet one-way delay: 32.112 ms
Loss rate: 0.23%
```

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

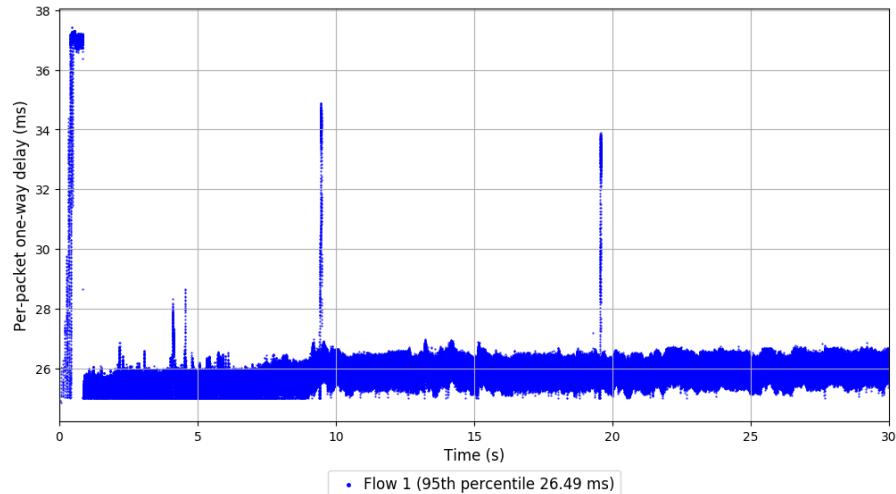
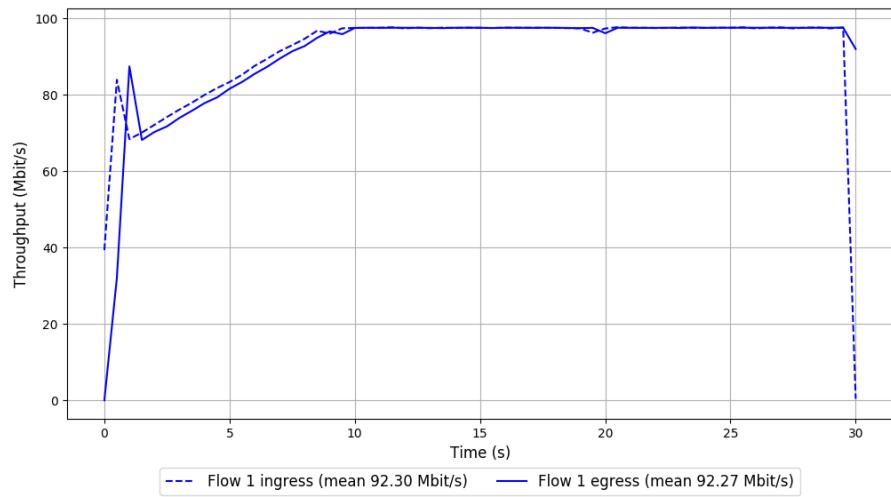


Run 5: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:07:41
End at: 2018-06-05 21:08:11
Local clock offset: 0.411 ms
Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 26.490 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 26.490 ms
Loss rate: 0.21%
```

Run 5: Report of TCP Vegas — Data Link

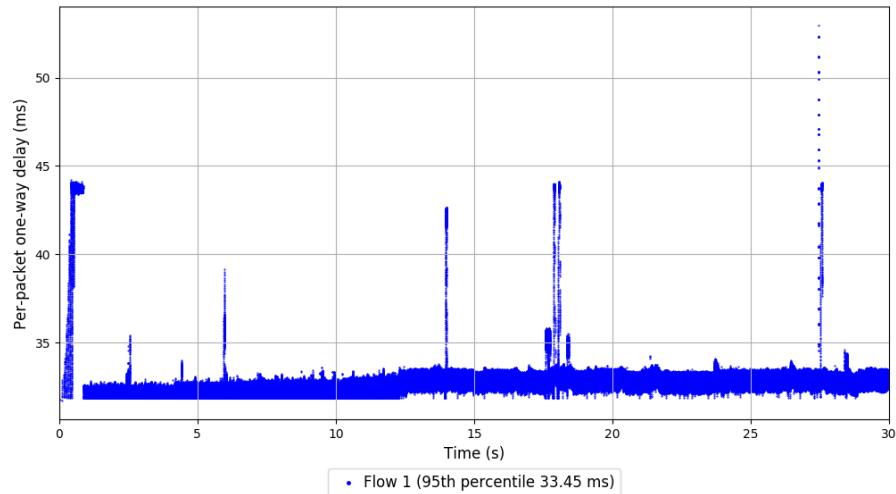
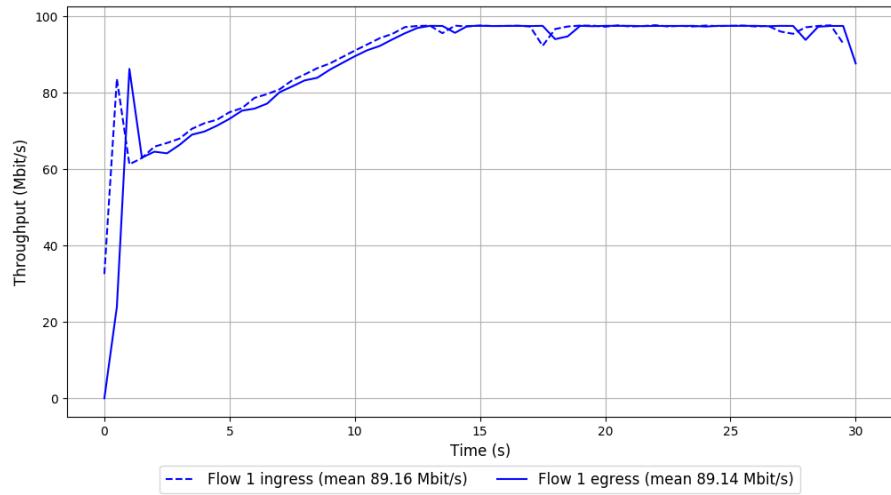


Run 6: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:28:42
End at: 2018-06-05 21:29:12
Local clock offset: 0.513 ms
Remote clock offset: -2.141 ms

# Below is generated by plot.py at 2018-06-05 23:20:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.14 Mbit/s
95th percentile per-packet one-way delay: 33.451 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 89.14 Mbit/s
95th percentile per-packet one-way delay: 33.451 ms
Loss rate: 0.22%
```

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

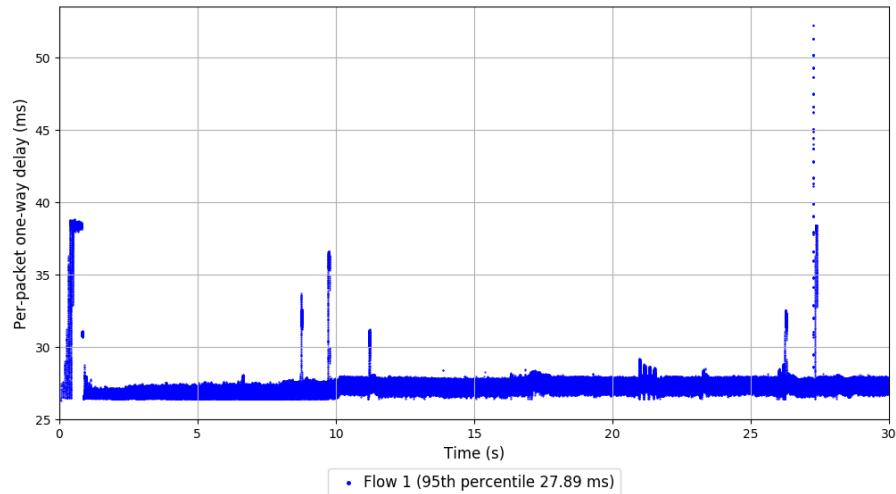
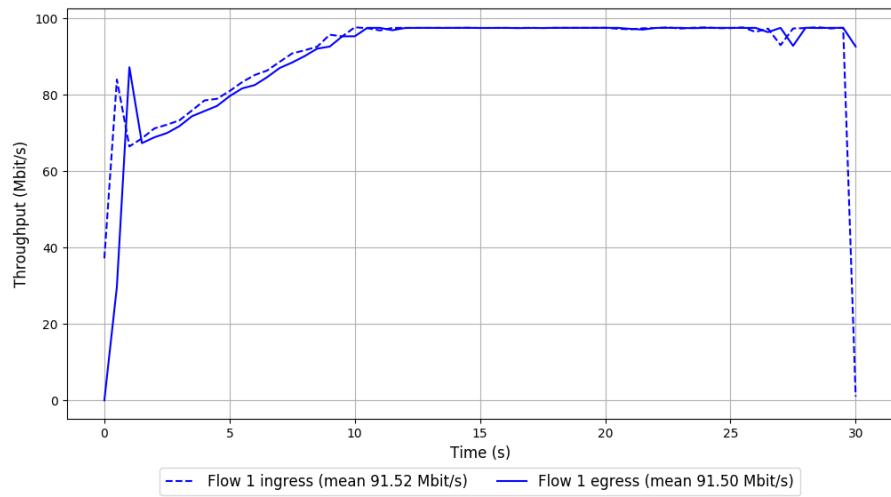


Run 7: Statistics of TCP Vegas

```
Start at: 2018-06-05 21:49:44
End at: 2018-06-05 21:50:14
Local clock offset: 0.144 ms
Remote clock offset: -0.282 ms

# Below is generated by plot.py at 2018-06-05 23:21:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 27.893 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 27.893 ms
Loss rate: 0.20%
```

Run 7: Report of TCP Vegas — Data Link

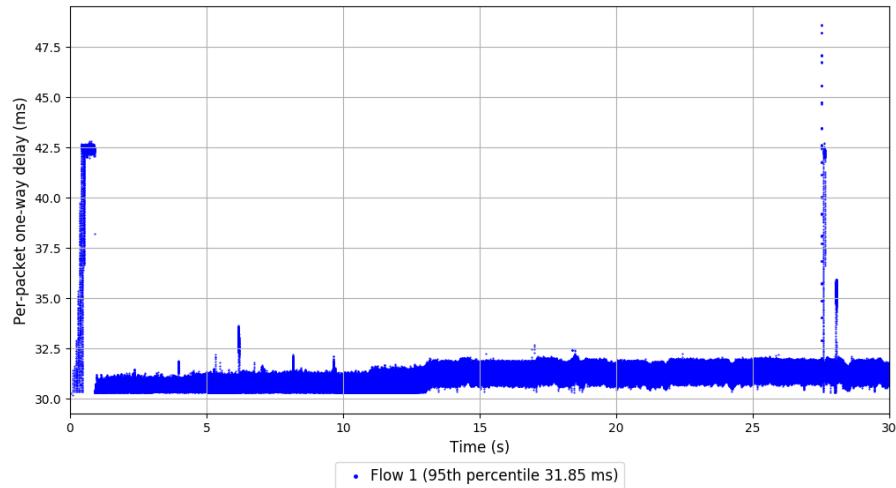
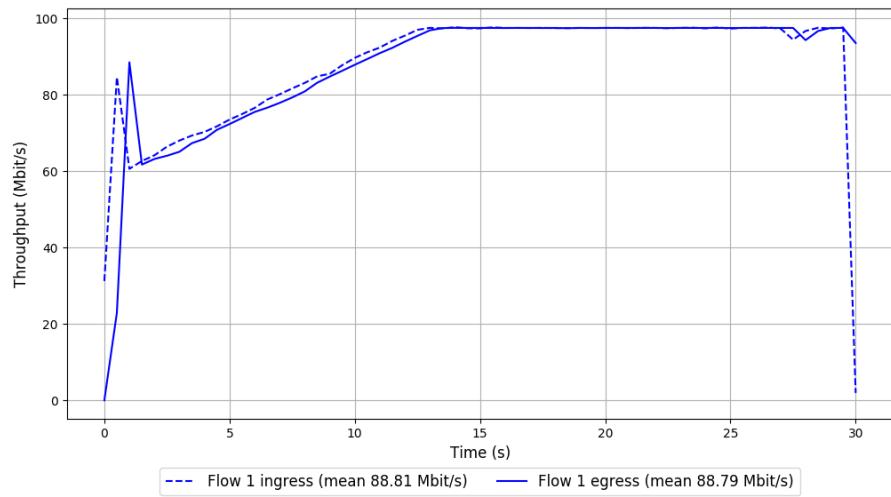


Run 8: Statistics of TCP Vegas

```
Start at: 2018-06-05 22:10:39
End at: 2018-06-05 22:11:09
Local clock offset: 0.149 ms
Remote clock offset: -0.646 ms

# Below is generated by plot.py at 2018-06-05 23:21:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 31.850 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 31.850 ms
Loss rate: 0.23%
```

Run 8: Report of TCP Vegas — Data Link

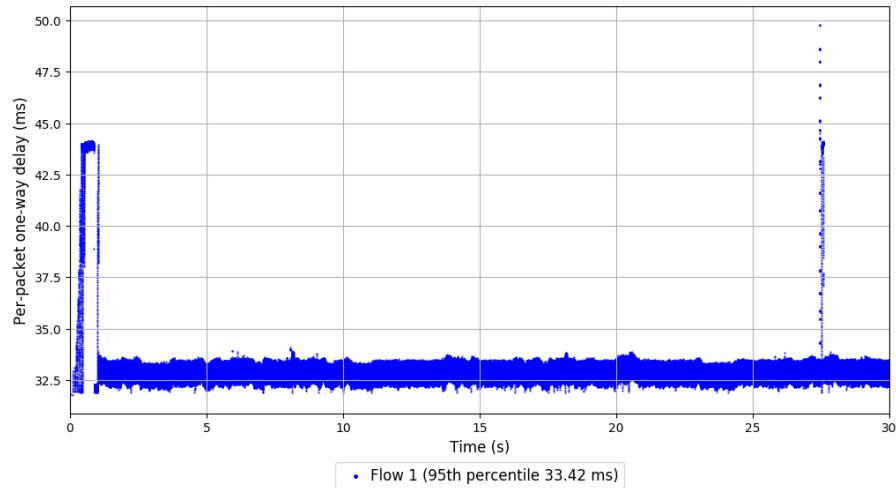
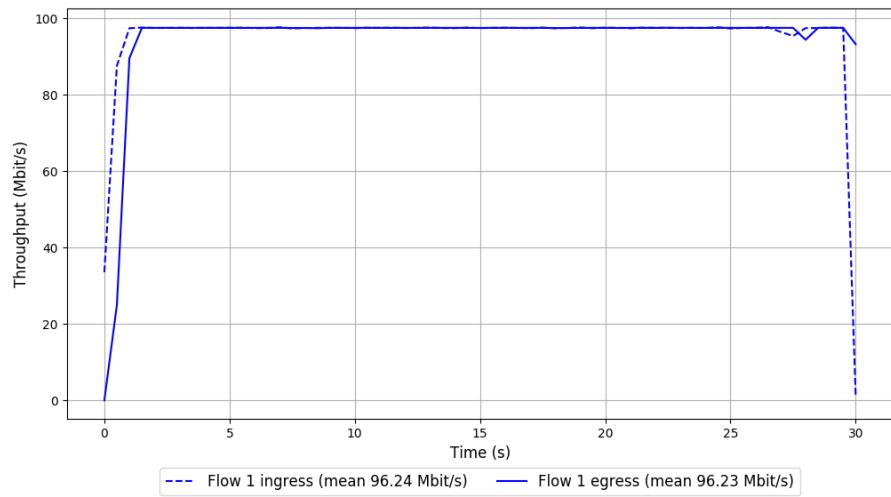


Run 9: Statistics of TCP Vegas

```
Start at: 2018-06-05 22:31:37
End at: 2018-06-05 22:32:07
Local clock offset: 0.194 ms
Remote clock offset: -2.636 ms

# Below is generated by plot.py at 2018-06-05 23:21:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 33.417 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 33.417 ms
Loss rate: 0.21%
```

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

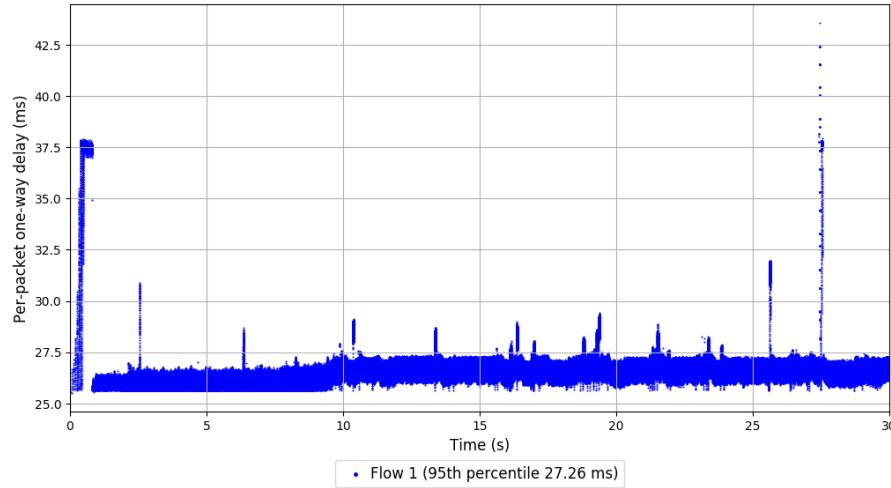
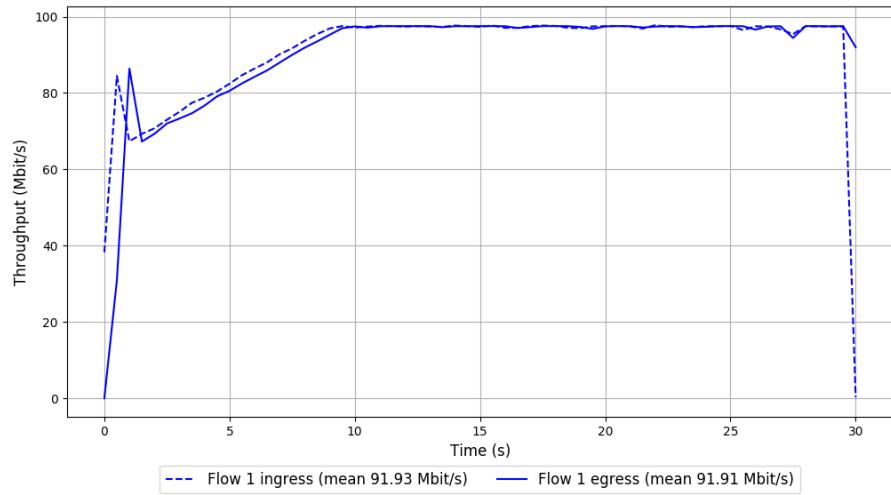


Run 10: Statistics of TCP Vegas

```
Start at: 2018-06-05 22:52:30
End at: 2018-06-05 22:53:00
Local clock offset: 0.454 ms
Remote clock offset: -0.152 ms

# Below is generated by plot.py at 2018-06-05 23:21:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 27.258 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 27.258 ms
Loss rate: 0.21%
```

Run 10: Report of TCP Vegas — Data Link

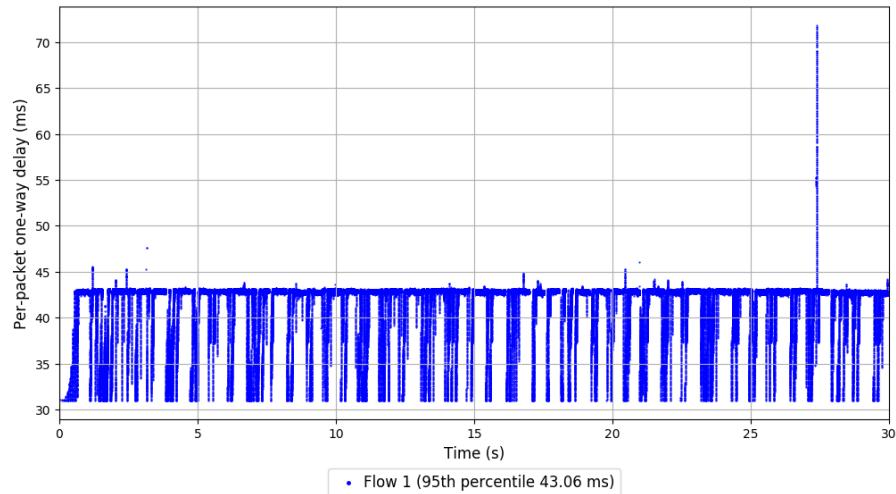
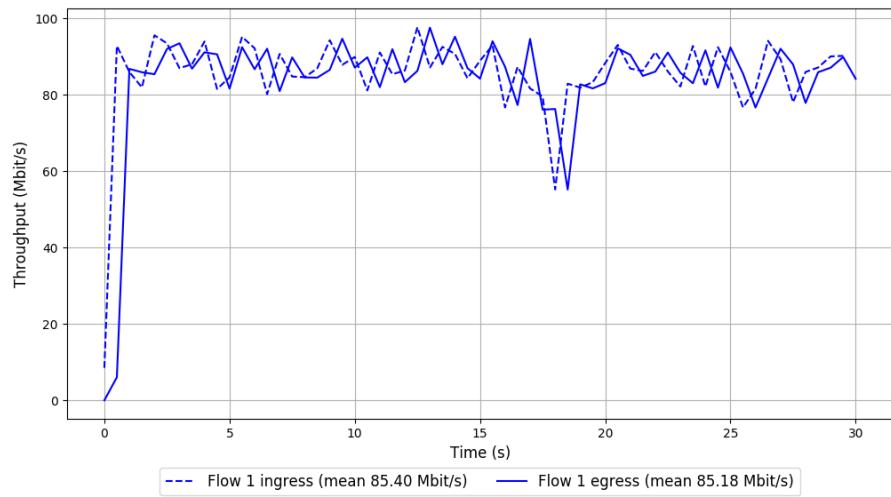


Run 1: Statistics of Verus

```
Start at: 2018-06-05 19:39:49
End at: 2018-06-05 19:40:19
Local clock offset: 1.281 ms
Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2018-06-05 23:21:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 43.063 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 43.063 ms
Loss rate: 0.45%
```

Run 1: Report of Verus — Data Link

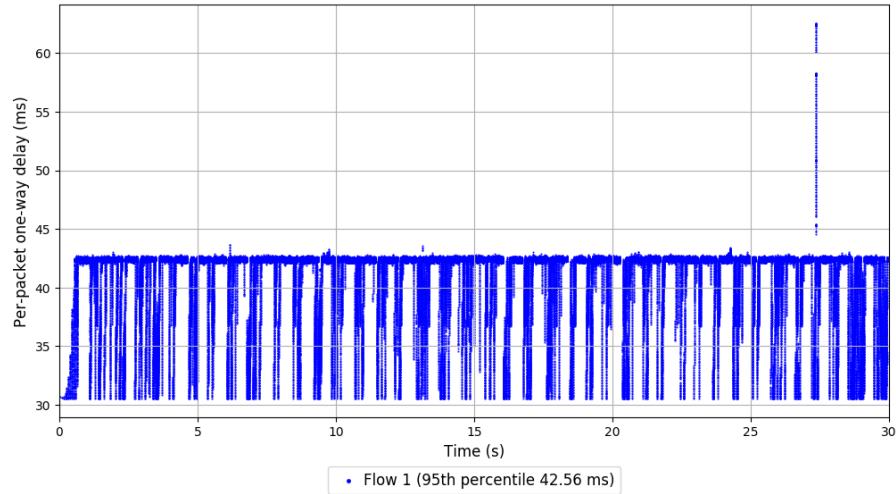
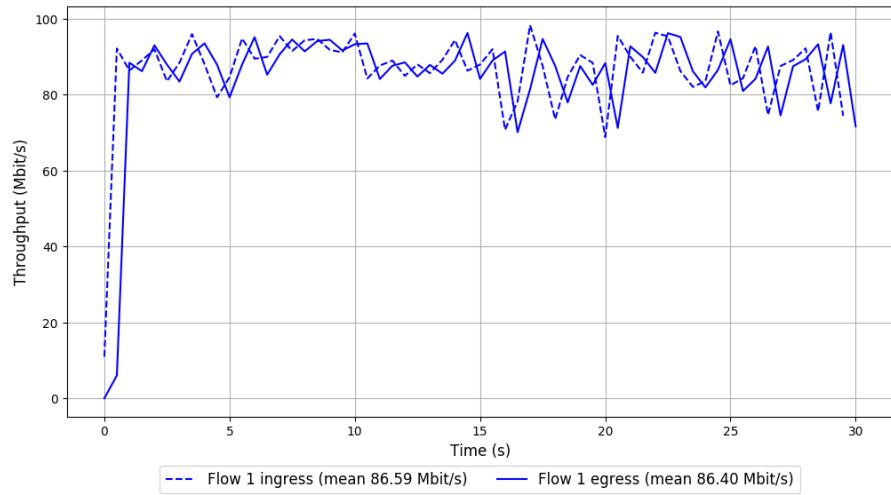


Run 2: Statistics of Verus

```
Start at: 2018-06-05 20:00:45
End at: 2018-06-05 20:01:15
Local clock offset: 1.548 ms
Remote clock offset: 0.417 ms

# Below is generated by plot.py at 2018-06-05 23:21:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 42.559 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 42.559 ms
Loss rate: 0.36%
```

Run 2: Report of Verus — Data Link

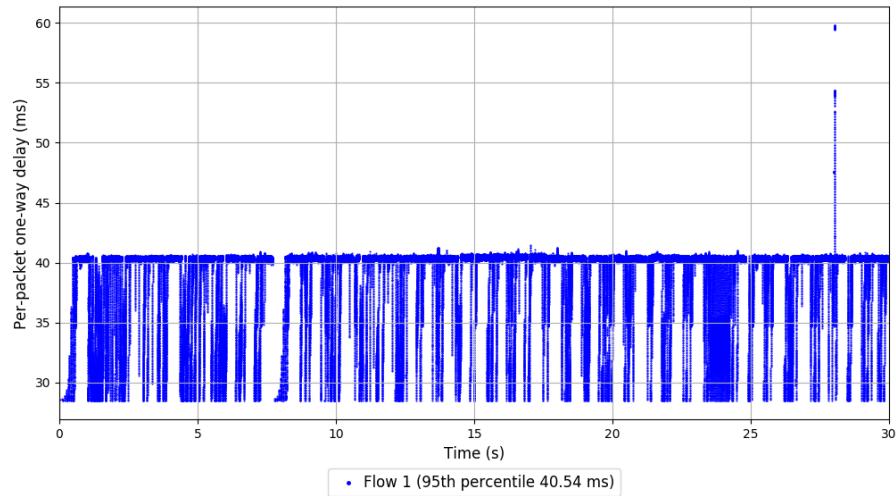
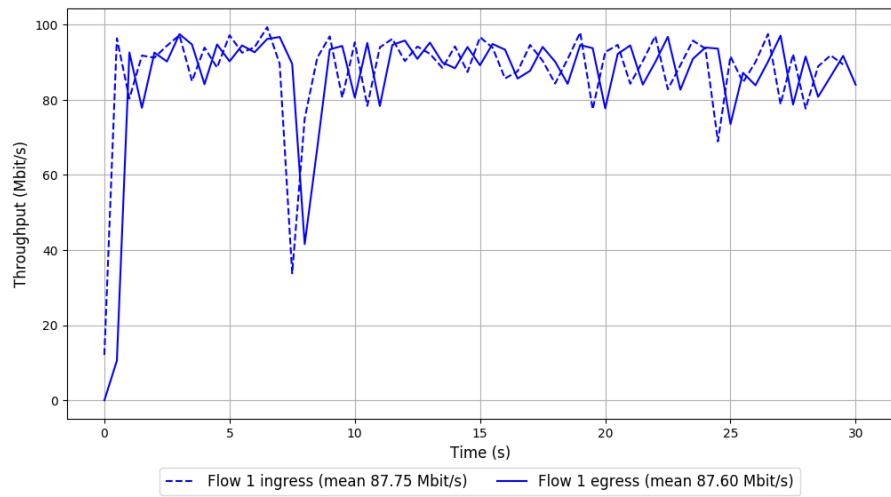


Run 3: Statistics of Verus

```
Start at: 2018-06-05 20:21:44
End at: 2018-06-05 20:22:14
Local clock offset: 0.615 ms
Remote clock offset: -2.043 ms

# Below is generated by plot.py at 2018-06-05 23:21:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 40.539 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 40.539 ms
Loss rate: 0.38%
```

Run 3: Report of Verus — Data Link

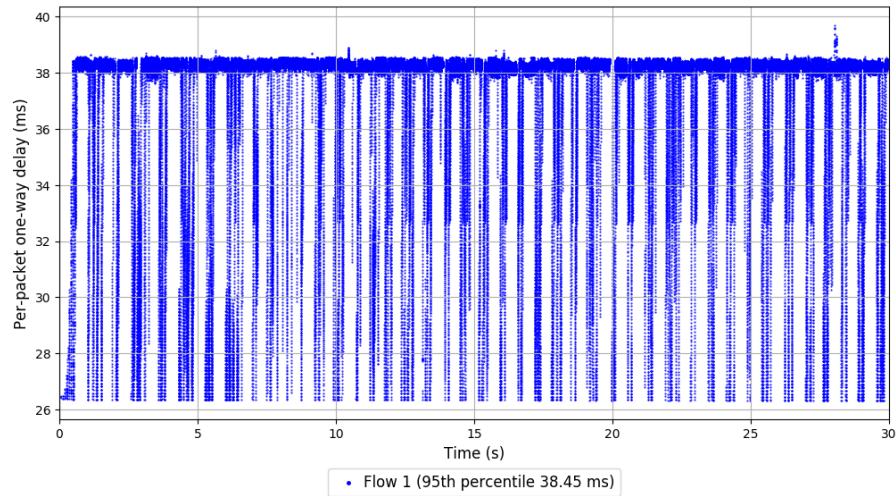
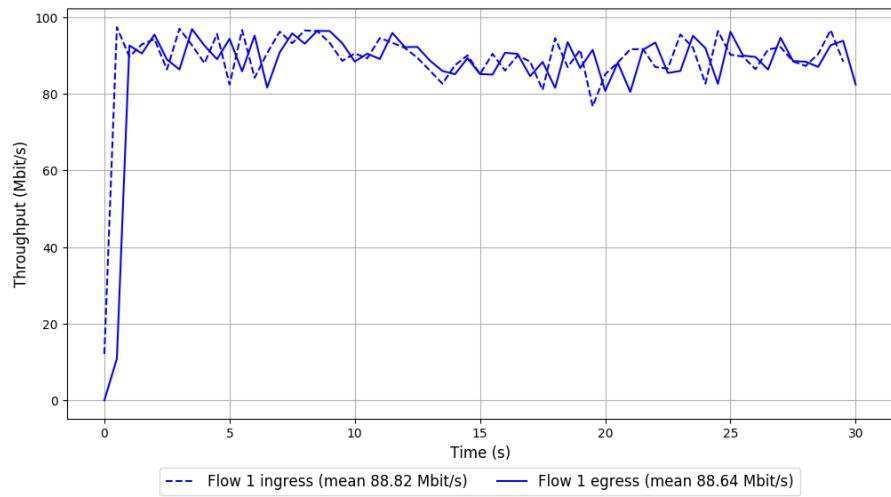


Run 4: Statistics of Verus

```
Start at: 2018-06-05 20:42:45
End at: 2018-06-05 20:43:15
Local clock offset: 0.505 ms
Remote clock offset: -0.154 ms

# Below is generated by plot.py at 2018-06-05 23:21:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 38.447 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 38.447 ms
Loss rate: 0.42%
```

Run 4: Report of Verus — Data Link

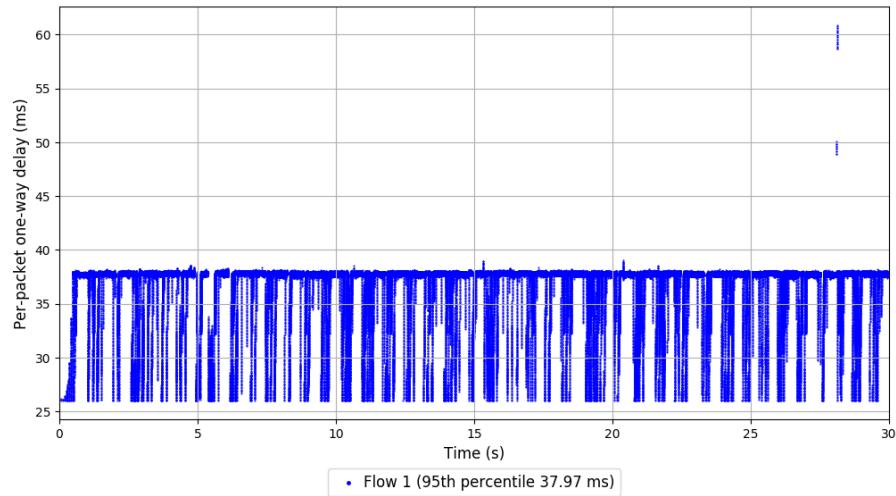
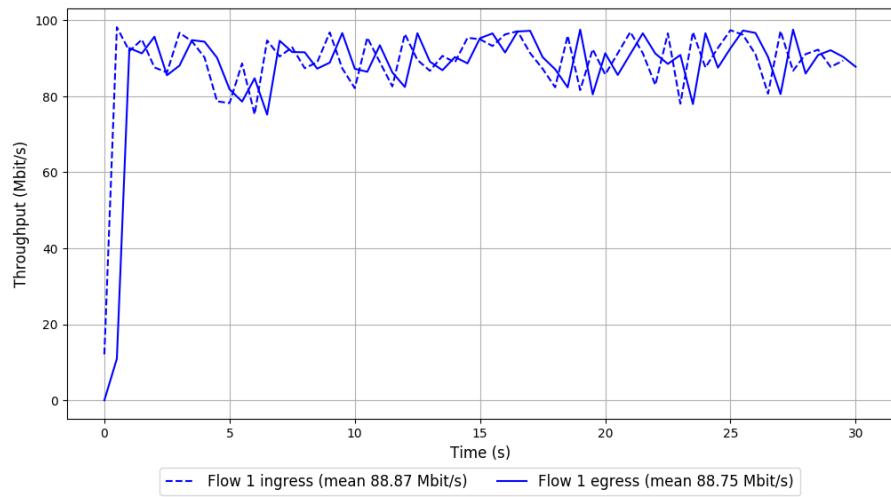


Run 5: Statistics of Verus

```
Start at: 2018-06-05 21:03:42
End at: 2018-06-05 21:04:12
Local clock offset: 0.457 ms
Remote clock offset: -0.329 ms

# Below is generated by plot.py at 2018-06-05 23:22:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 37.973 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 37.973 ms
Loss rate: 0.26%
```

Run 5: Report of Verus — Data Link

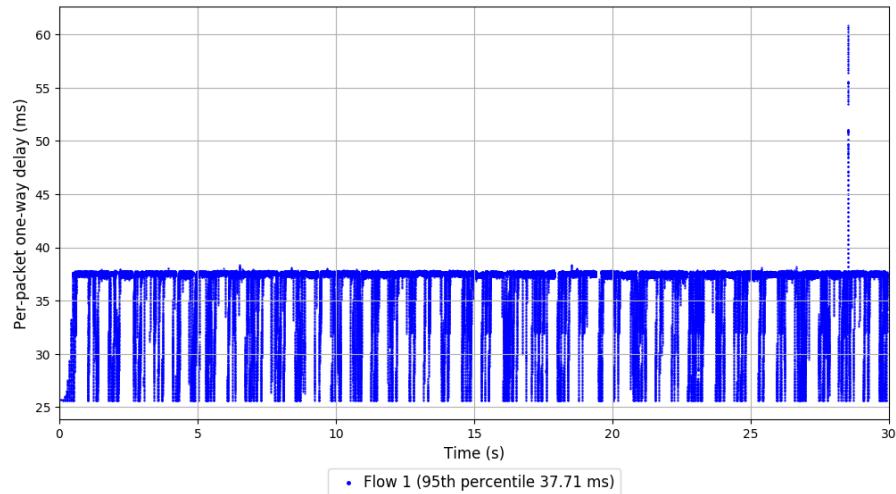
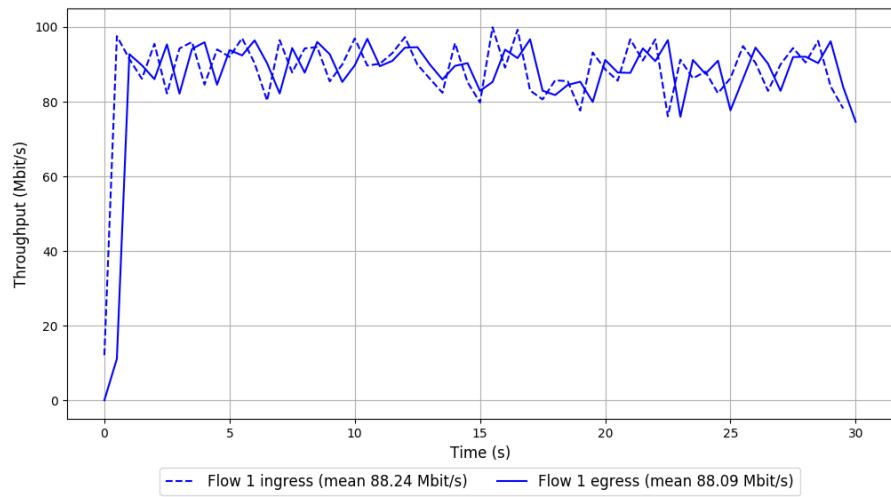


Run 6: Statistics of Verus

```
Start at: 2018-06-05 21:24:44
End at: 2018-06-05 21:25:14
Local clock offset: 0.43 ms
Remote clock offset: -0.179 ms

# Below is generated by plot.py at 2018-06-05 23:22:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 37.710 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 37.710 ms
Loss rate: 0.35%
```

Run 6: Report of Verus — Data Link

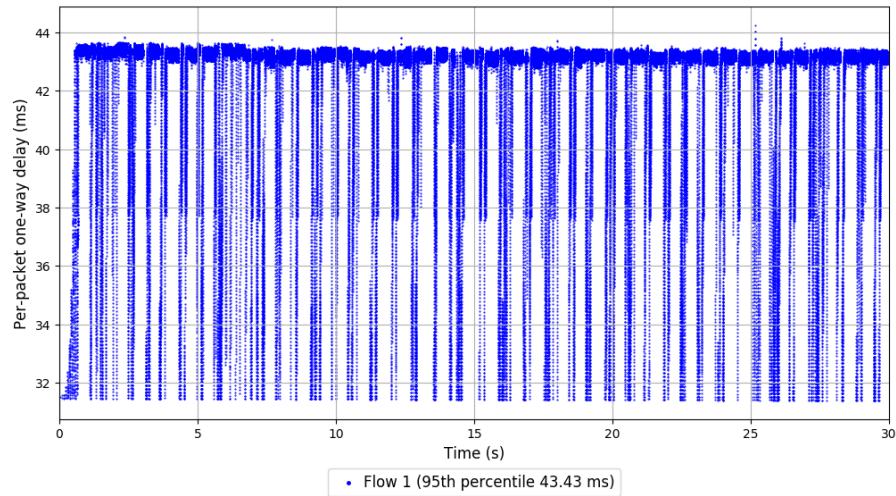
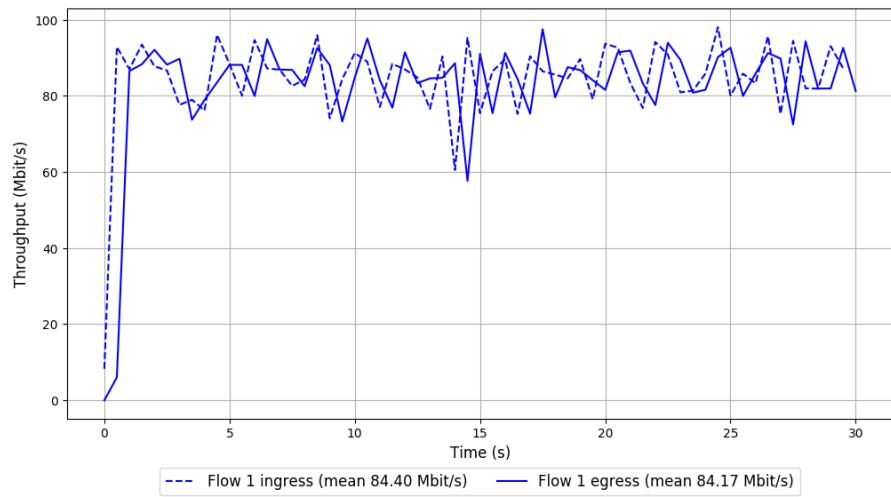


Run 7: Statistics of Verus

```
Start at: 2018-06-05 21:45:45
End at: 2018-06-05 21:46:15
Local clock offset: 0.207 ms
Remote clock offset: 0.15 ms

# Below is generated by plot.py at 2018-06-05 23:22:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 43.429 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 43.429 ms
Loss rate: 0.48%
```

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

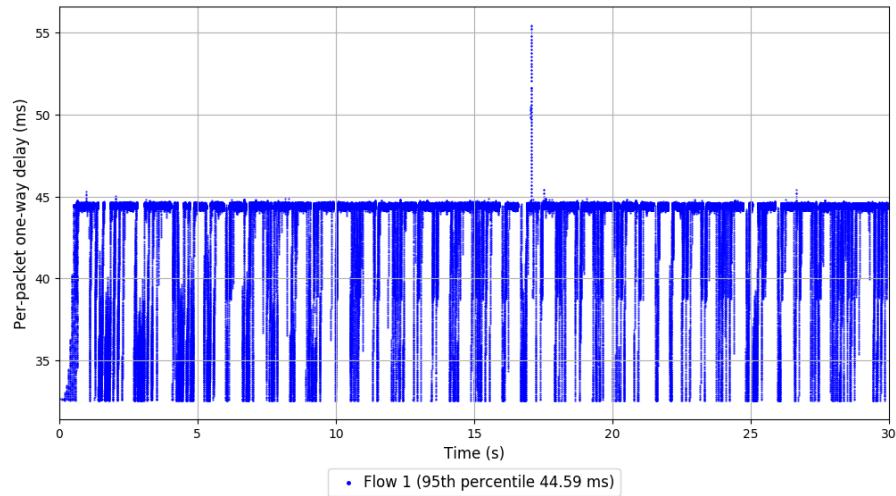
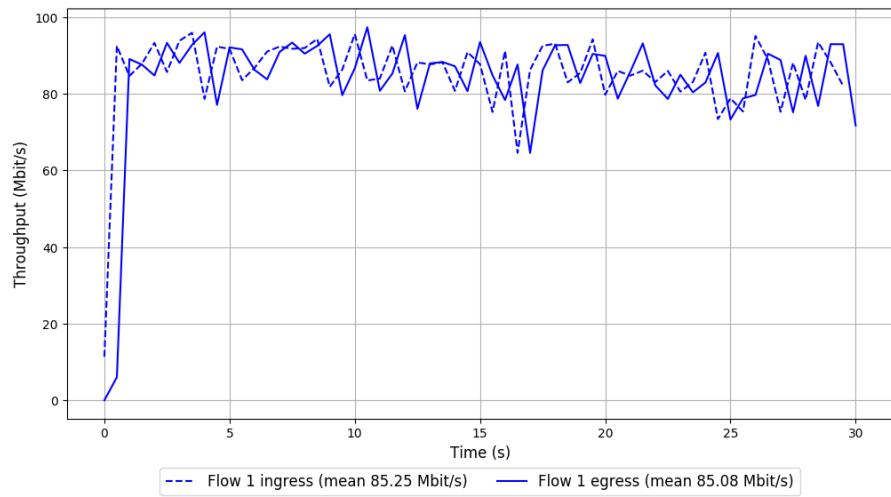


Run 8: Statistics of Verus

```
Start at: 2018-06-05 22:06:40
End at: 2018-06-05 22:07:10
Local clock offset: 0.073 ms
Remote clock offset: -3.098 ms

# Below is generated by plot.py at 2018-06-05 23:22:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 44.595 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 44.595 ms
Loss rate: 0.42%
```

Run 8: Report of Verus — Data Link

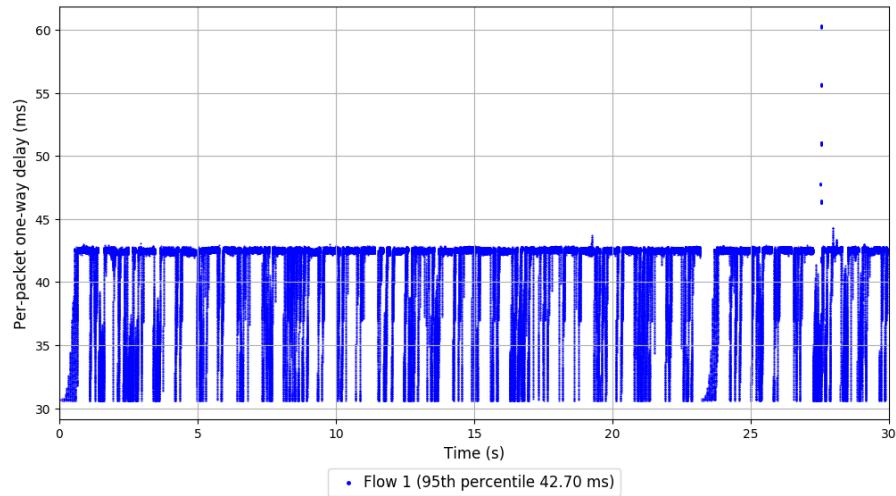
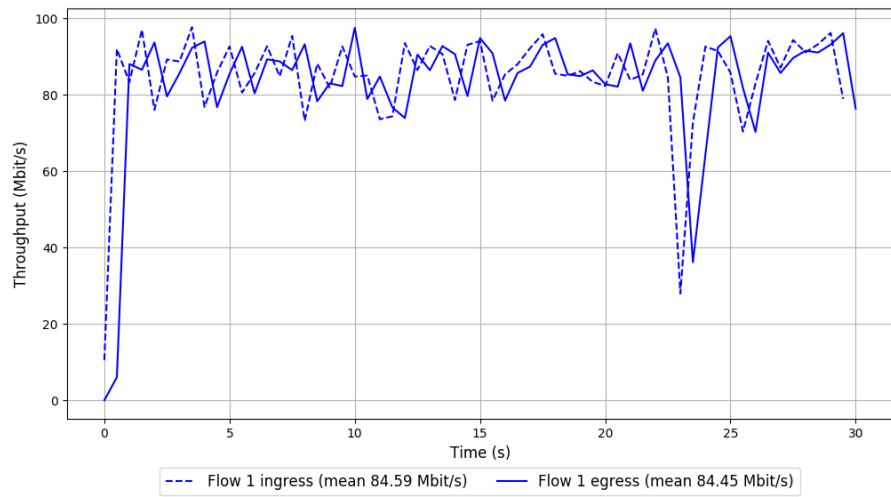


Run 9: Statistics of Verus

```
Start at: 2018-06-05 22:27:38
End at: 2018-06-05 22:28:08
Local clock offset: 0.114 ms
Remote clock offset: -0.71 ms

# Below is generated by plot.py at 2018-06-05 23:22:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.45 Mbit/s
95th percentile per-packet one-way delay: 42.697 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 84.45 Mbit/s
95th percentile per-packet one-way delay: 42.697 ms
Loss rate: 0.35%
```

Run 9: Report of Verus — Data Link

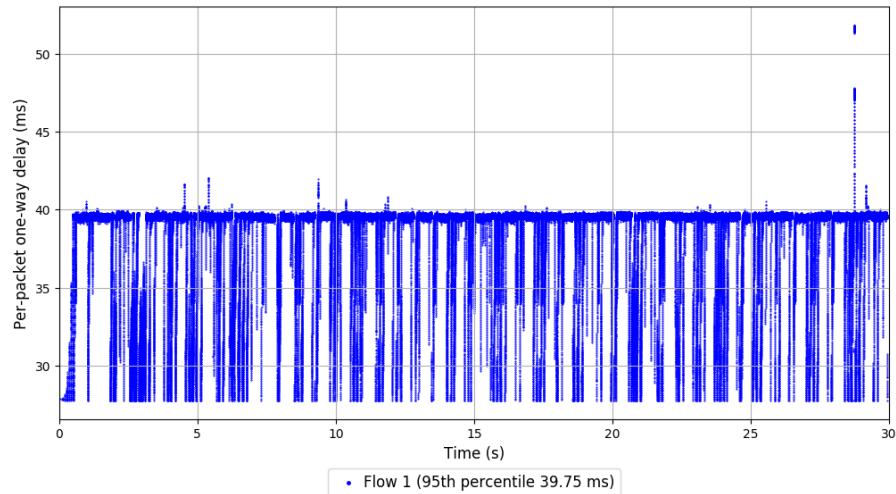
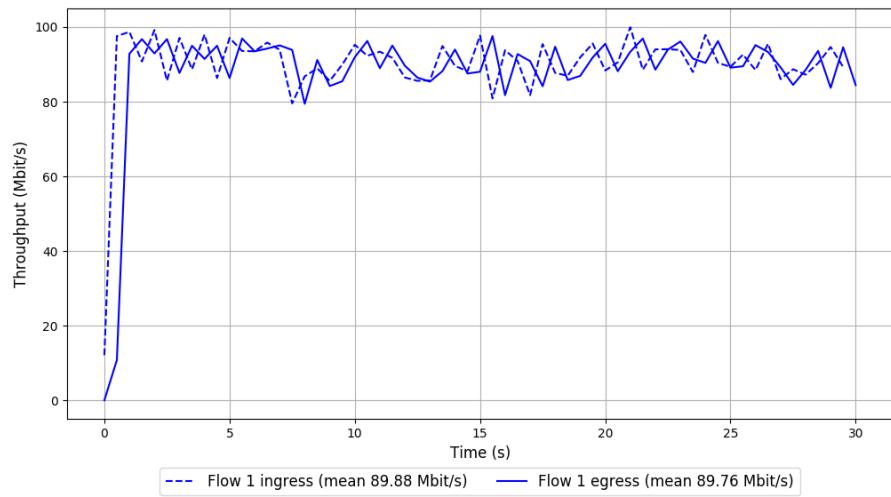


Run 10: Statistics of Verus

```
Start at: 2018-06-05 22:48:32
End at: 2018-06-05 22:49:02
Local clock offset: 0.404 ms
Remote clock offset: -2.278 ms

# Below is generated by plot.py at 2018-06-05 23:22:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 39.751 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 39.751 ms
Loss rate: 0.35%
```

Run 10: Report of Verus — Data Link

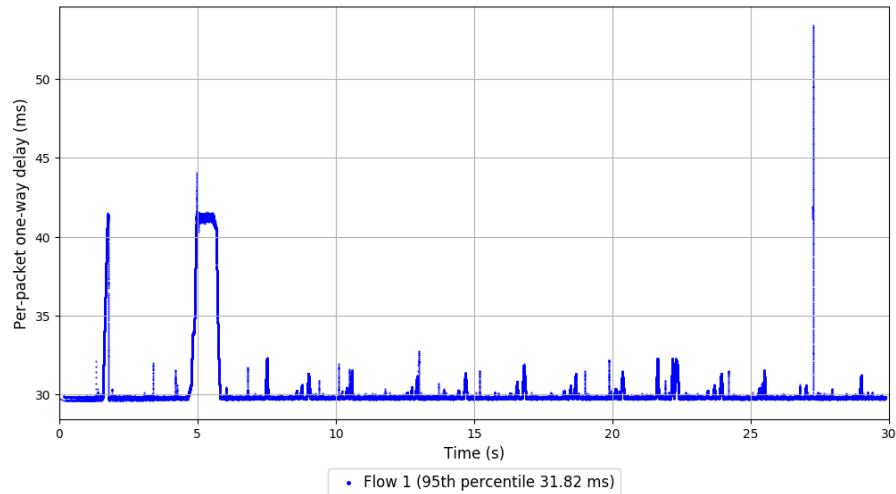
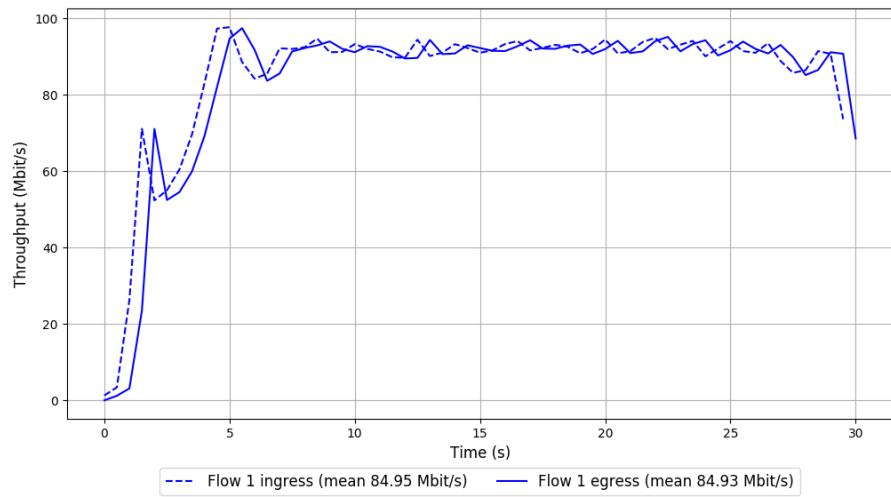


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-06-05 19:41:09
End at: 2018-06-05 19:41:39
Local clock offset: 1.282 ms
Remote clock offset: -0.193 ms

# Below is generated by plot.py at 2018-06-05 23:23:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.93 Mbit/s
95th percentile per-packet one-way delay: 31.822 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.93 Mbit/s
95th percentile per-packet one-way delay: 31.822 ms
Loss rate: 0.22%
```

Run 1: Report of PCC-Vivace — Data Link

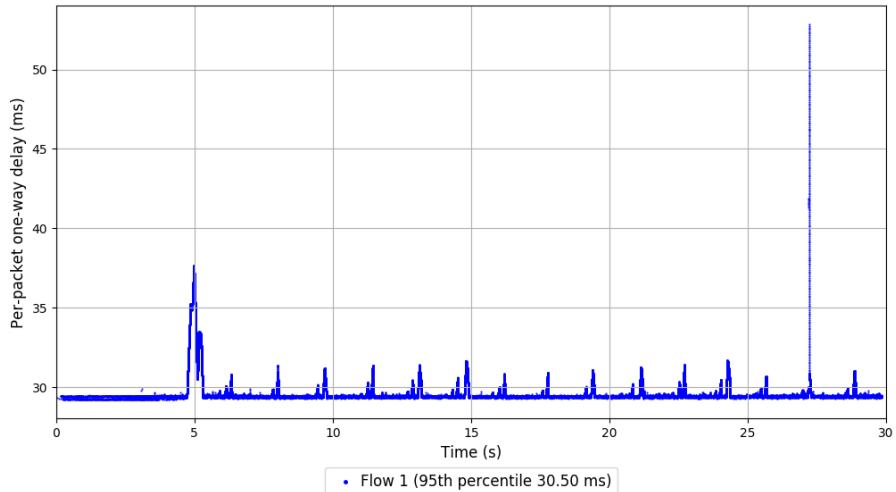
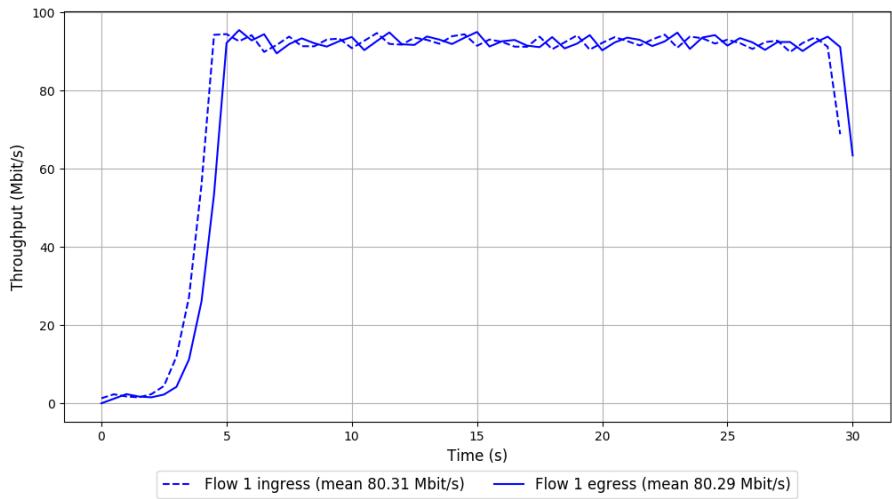


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:02:04
End at: 2018-06-05 20:02:34
Local clock offset: 1.564 ms
Remote clock offset: 0.876 ms

# Below is generated by plot.py at 2018-06-05 23:23:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 30.502 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 30.502 ms
Loss rate: 0.22%
```

Run 2: Report of PCC-Vivace — Data Link

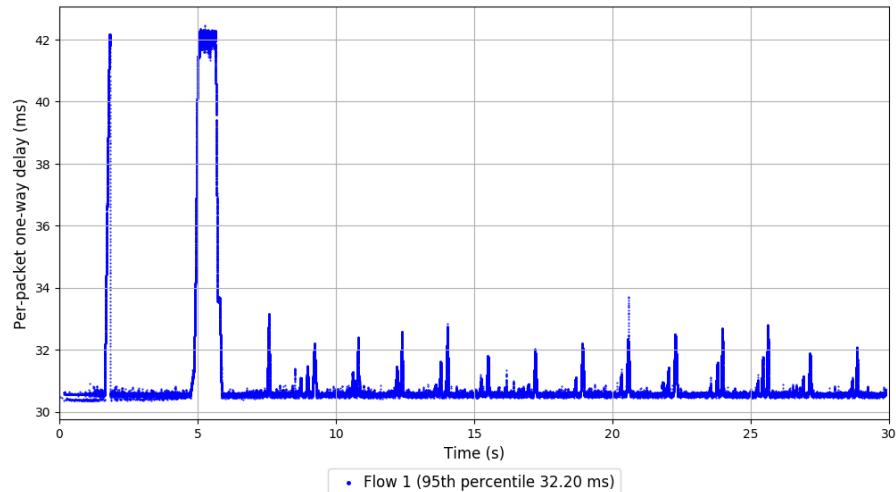
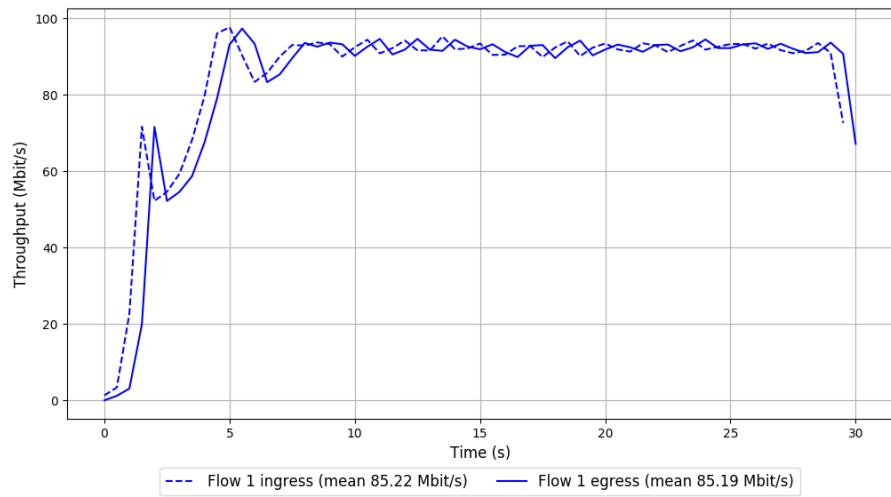


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:23:03
End at: 2018-06-05 20:23:33
Local clock offset: 0.601 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-06-05 23:23:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 0.23%
```

Run 3: Report of PCC-Vivace — Data Link

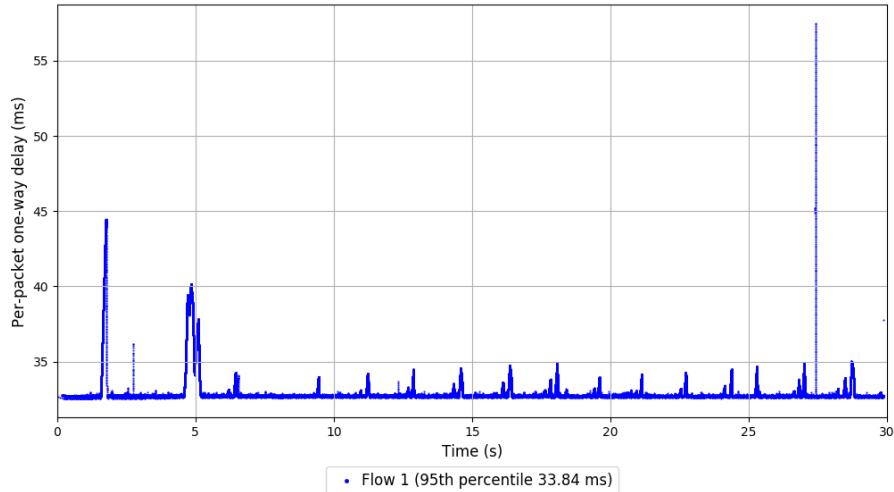
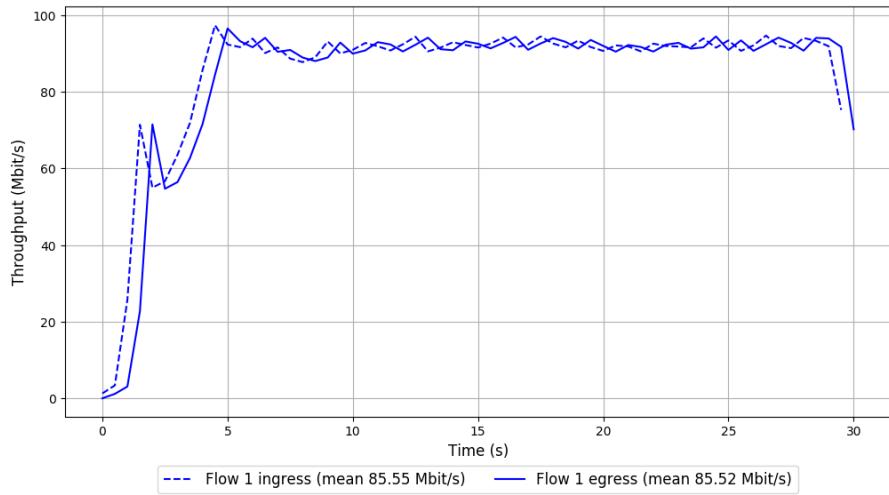


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-06-05 20:44:04
End at: 2018-06-05 20:44:34
Local clock offset: 0.506 ms
Remote clock offset: -2.327 ms

# Below is generated by plot.py at 2018-06-05 23:23:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 33.845 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 33.845 ms
Loss rate: 0.21%
```

Run 4: Report of PCC-Vivace — Data Link

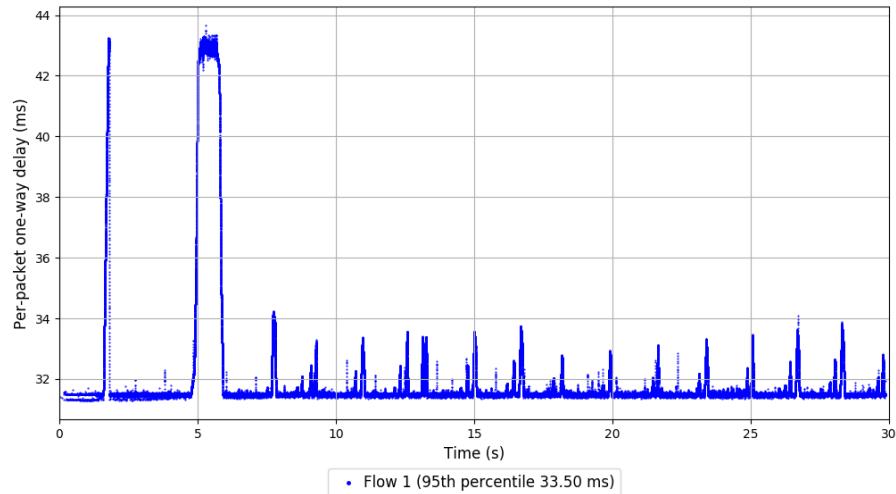
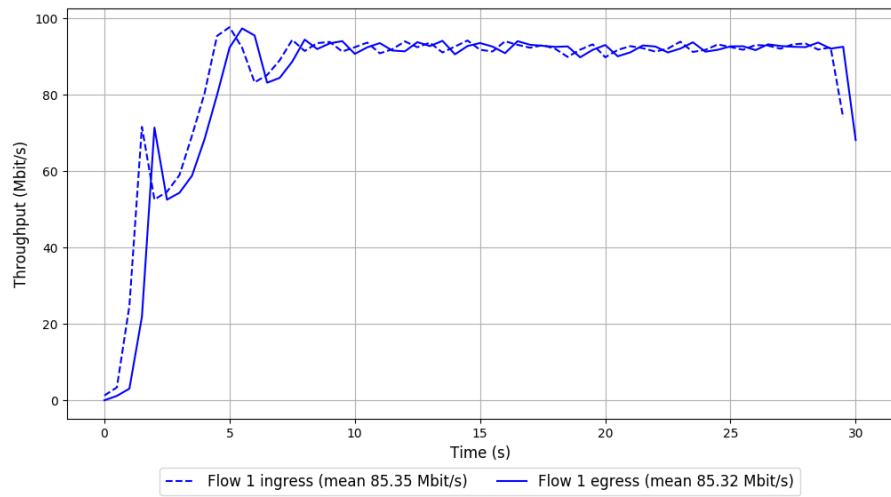


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:05:02
End at: 2018-06-05 21:05:32
Local clock offset: 0.384 ms
Remote clock offset: -0.748 ms

# Below is generated by plot.py at 2018-06-05 23:23:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.32 Mbit/s
95th percentile per-packet one-way delay: 33.498 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 85.32 Mbit/s
95th percentile per-packet one-way delay: 33.498 ms
Loss rate: 0.24%
```

Run 5: Report of PCC-Vivace — Data Link

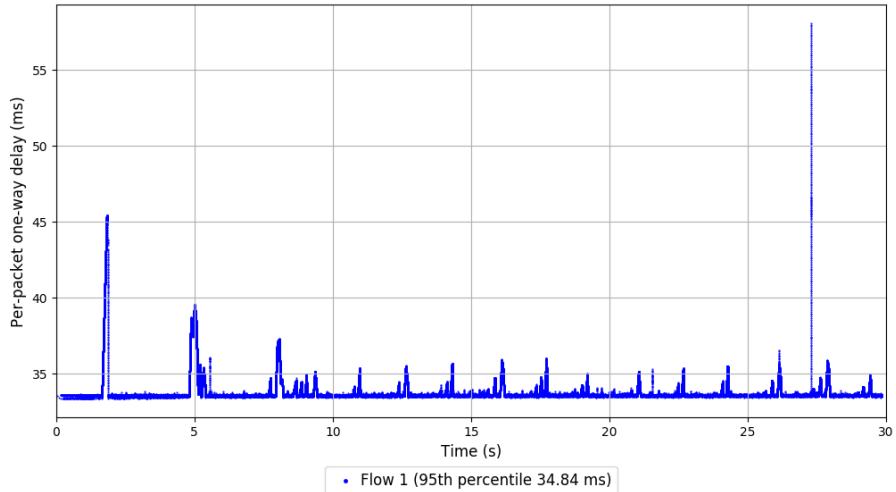
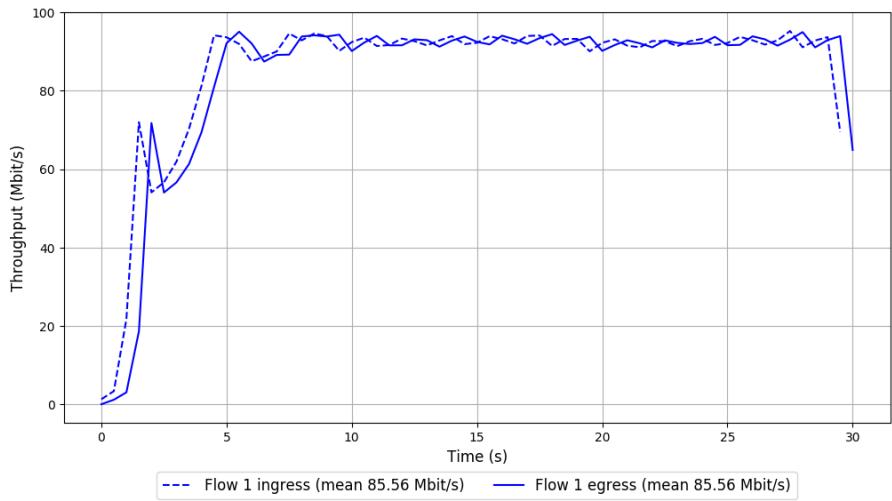


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:26:03
End at: 2018-06-05 21:26:33
Local clock offset: 0.523 ms
Remote clock offset: -2.275 ms

# Below is generated by plot.py at 2018-06-05 23:23:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 34.845 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 34.845 ms
Loss rate: 0.21%
```

Run 6: Report of PCC-Vivace — Data Link

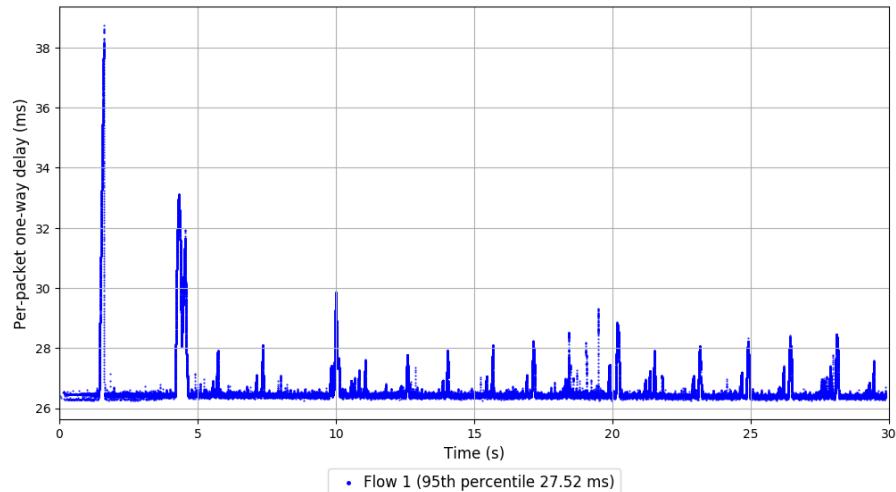
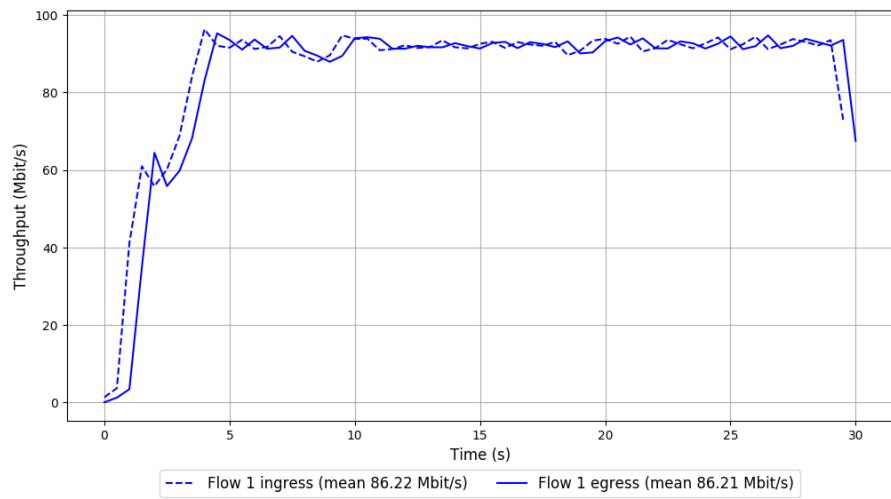


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-06-05 21:47:05
End at: 2018-06-05 21:47:35
Local clock offset: 0.202 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-06-05 23:23:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 27.517 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 27.517 ms
Loss rate: 0.20%
```

Run 7: Report of PCC-Vivace — Data Link

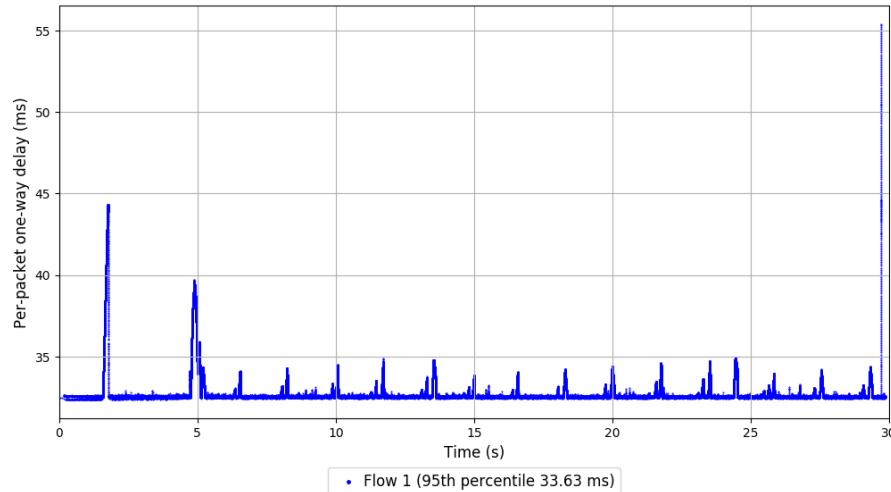
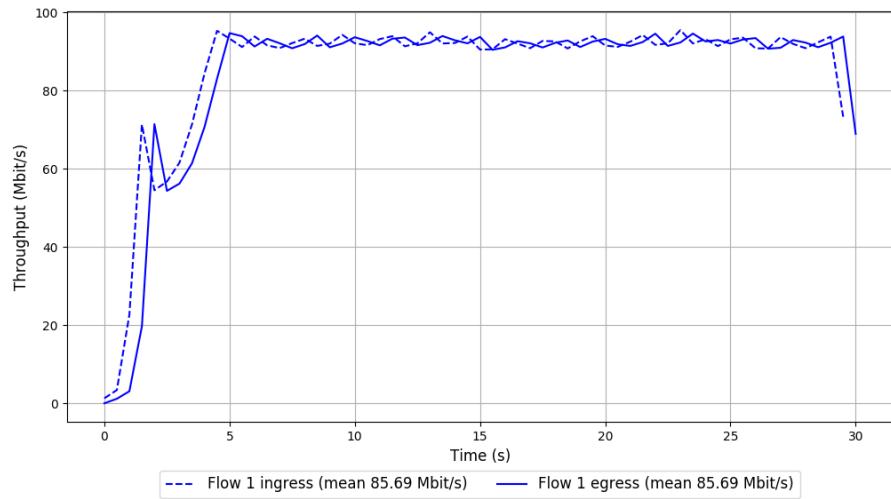


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-06-05 22:08:00
End at: 2018-06-05 22:08:30
Local clock offset: 0.096 ms
Remote clock offset: -3.111 ms

# Below is generated by plot.py at 2018-06-05 23:23:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 33.635 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 33.635 ms
Loss rate: 0.20%
```

Run 8: Report of PCC-Vivace — Data Link

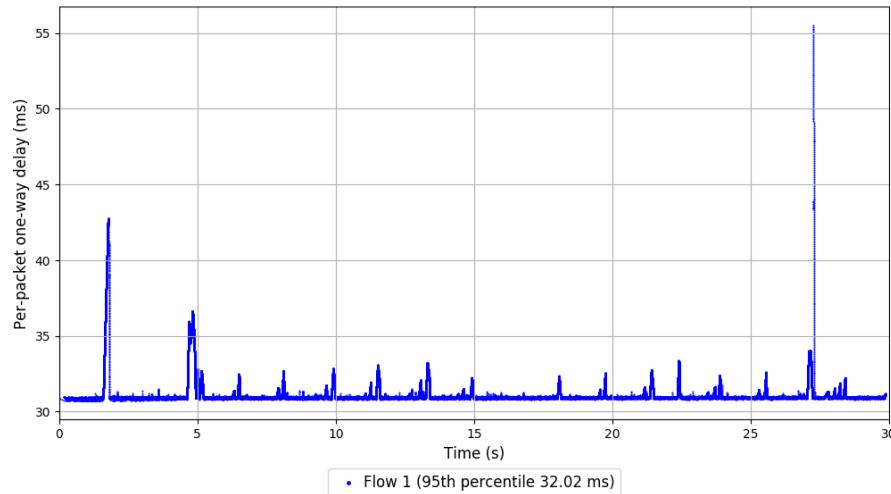
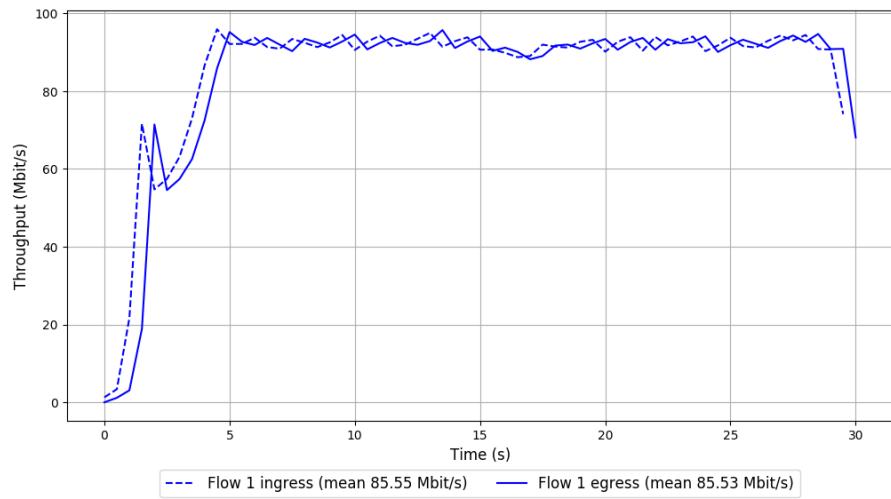


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-06-05 22:28:57
End at: 2018-06-05 22:29:28
Local clock offset: 0.209 ms
Remote clock offset: -0.138 ms

# Below is generated by plot.py at 2018-06-05 23:23:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 32.024 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 32.024 ms
Loss rate: 0.23%
```

Run 9: Report of PCC-Vivace — Data Link

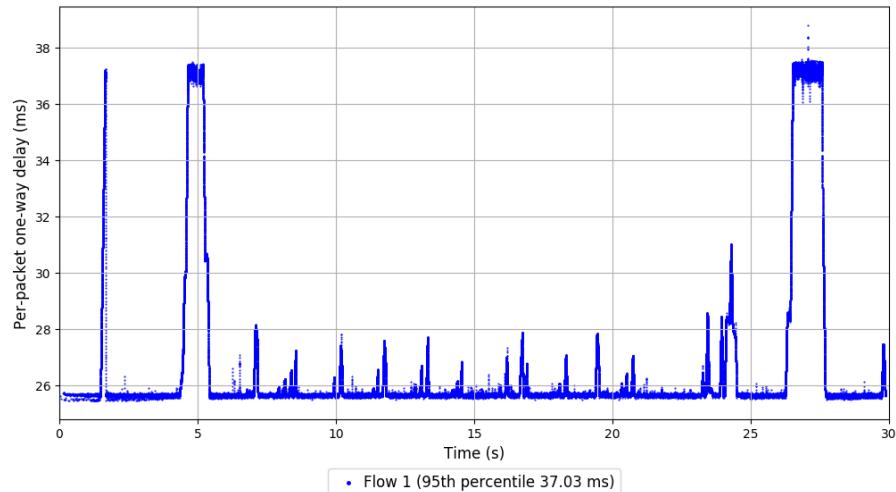
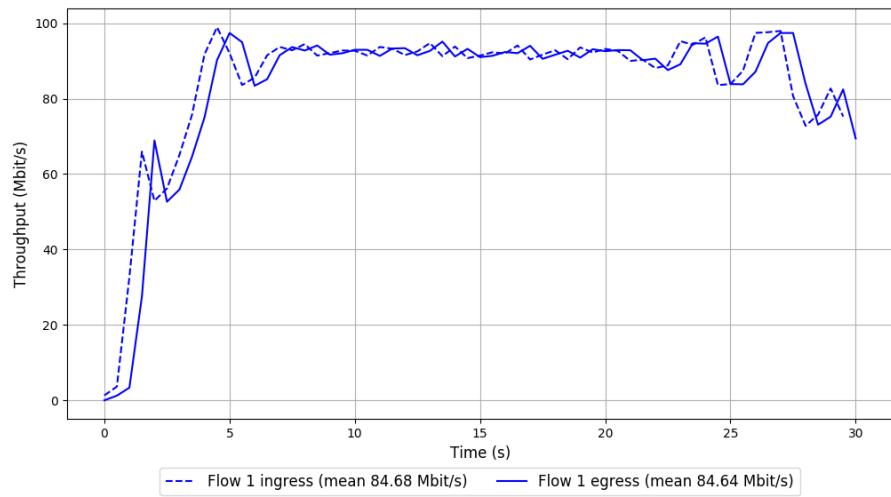


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-06-05 22:49:51
End at: 2018-06-05 22:50:21
Local clock offset: 0.437 ms
Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.64 Mbit/s
95th percentile per-packet one-way delay: 37.029 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.64 Mbit/s
95th percentile per-packet one-way delay: 37.029 ms
Loss rate: 0.22%
```

Run 10: Report of PCC-Vivace — Data Link

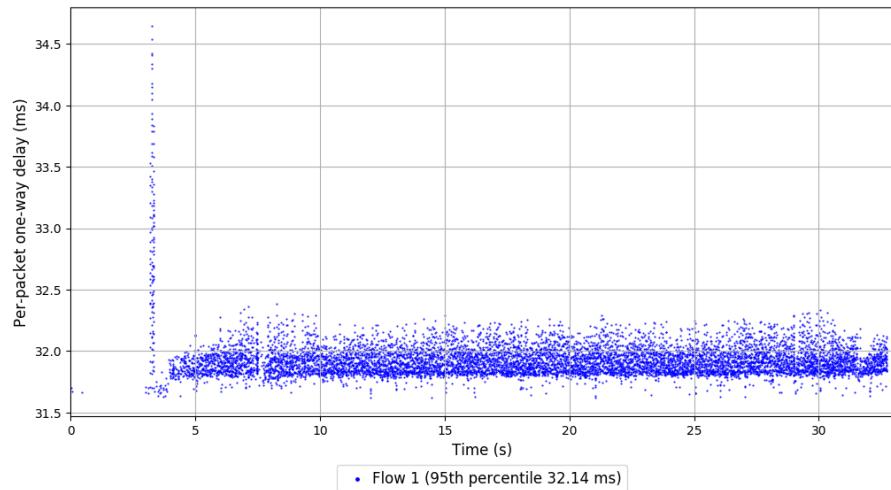
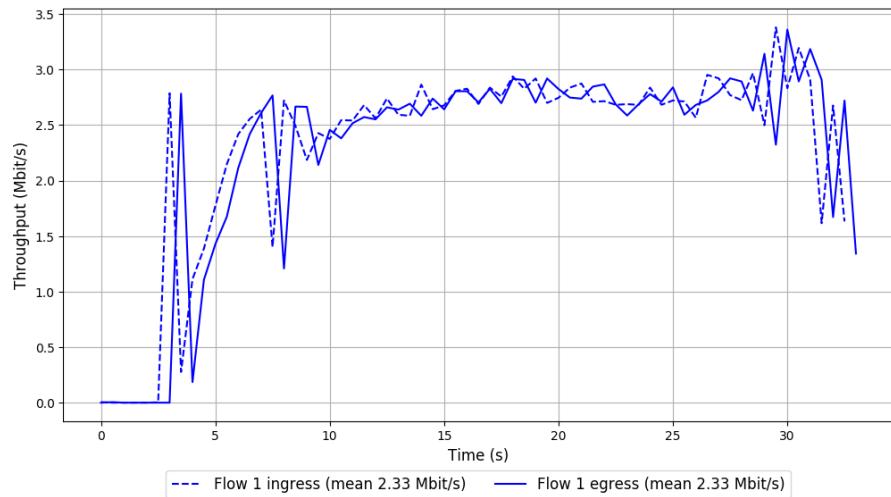


```
Run 1: Statistics of WebRTC media

Start at: 2018-06-05 19:47:45
End at: 2018-06-05 19:48:15
Local clock offset: 1.367 ms
Remote clock offset: -2.005 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 32.142 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 32.142 ms
Loss rate: 0.25%
```

Run 1: Report of WebRTC media — Data Link

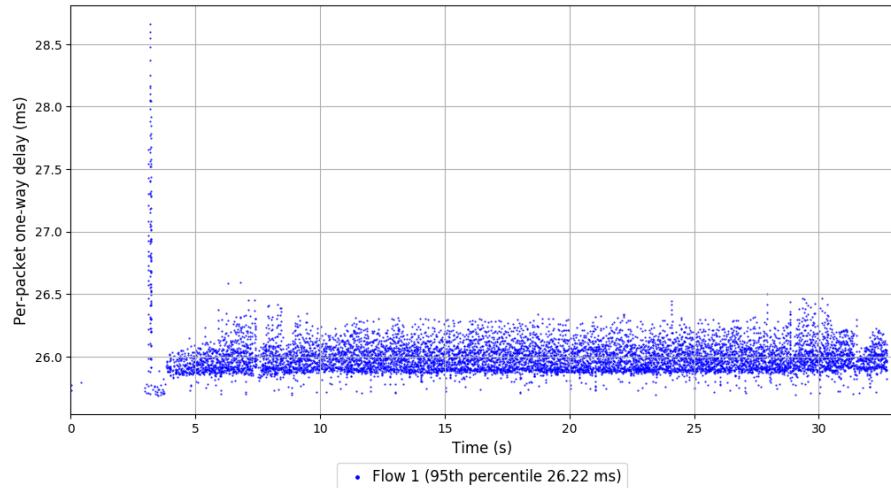
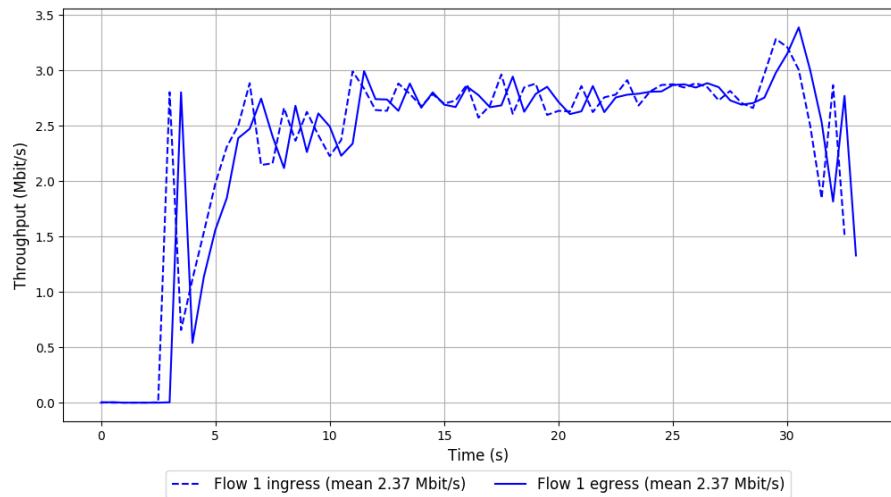


Run 2: Statistics of WebRTC media

```
Start at: 2018-06-05 20:08:40
End at: 2018-06-05 20:09:10
Local clock offset: 1.147 ms
Remote clock offset: 0.677 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 26.222 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 26.222 ms
Loss rate: 0.24%
```

Run 2: Report of WebRTC media — Data Link

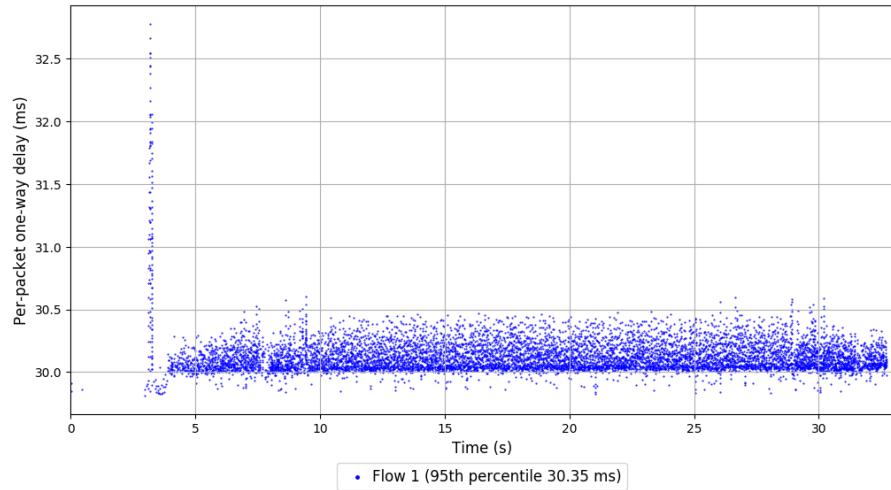
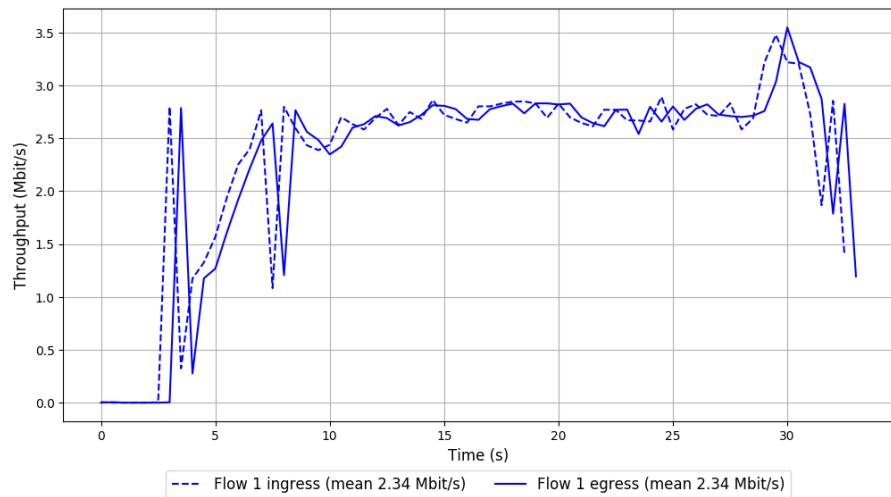


```
Run 3: Statistics of WebRTC media

Start at: 2018-06-05 20:29:41
End at: 2018-06-05 20:30:11
Local clock offset: 0.509 ms
Remote clock offset: 0.646 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 30.351 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 30.351 ms
Loss rate: 0.24%
```

Run 3: Report of WebRTC media — Data Link

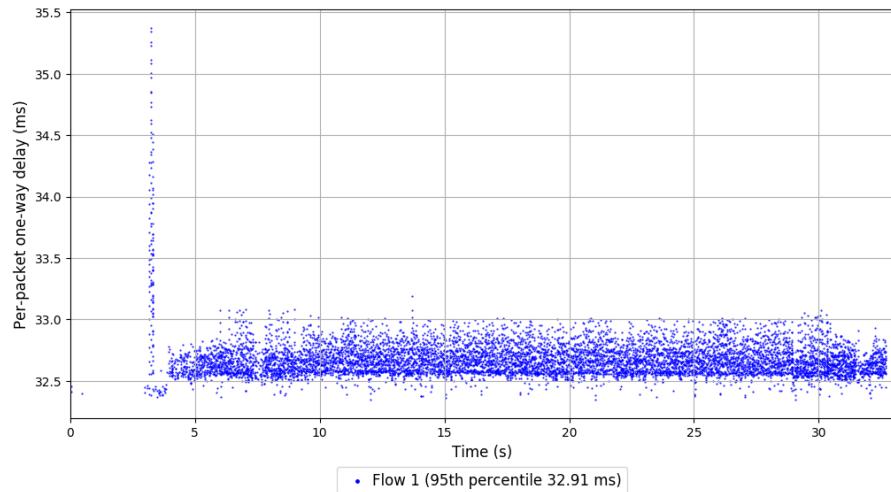
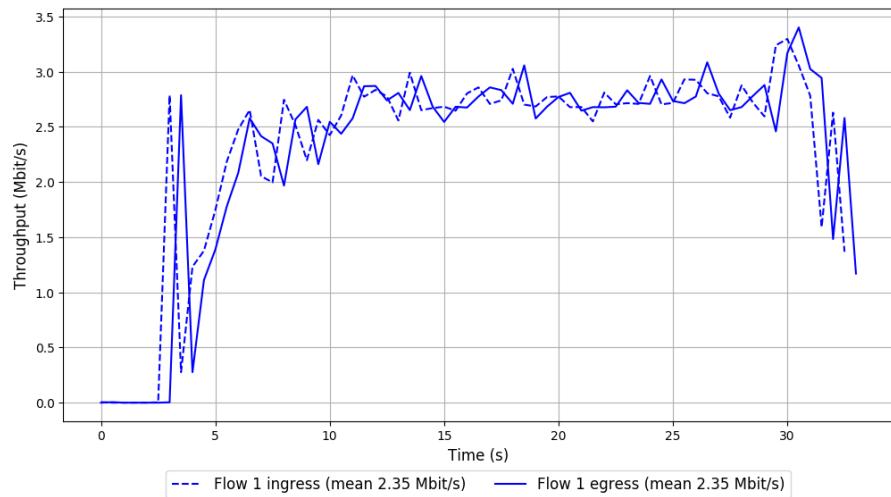


Run 4: Statistics of WebRTC media

```
Start at: 2018-06-05 20:50:41
End at: 2018-06-05 20:51:11
Local clock offset: 0.496 ms
Remote clock offset: -2.598 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 32.906 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 32.906 ms
Loss rate: 0.25%
```

Run 4: Report of WebRTC media — Data Link

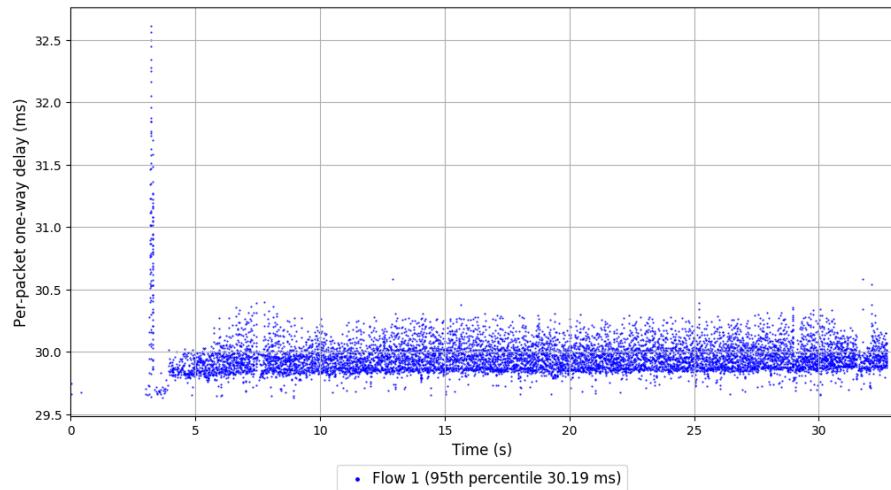
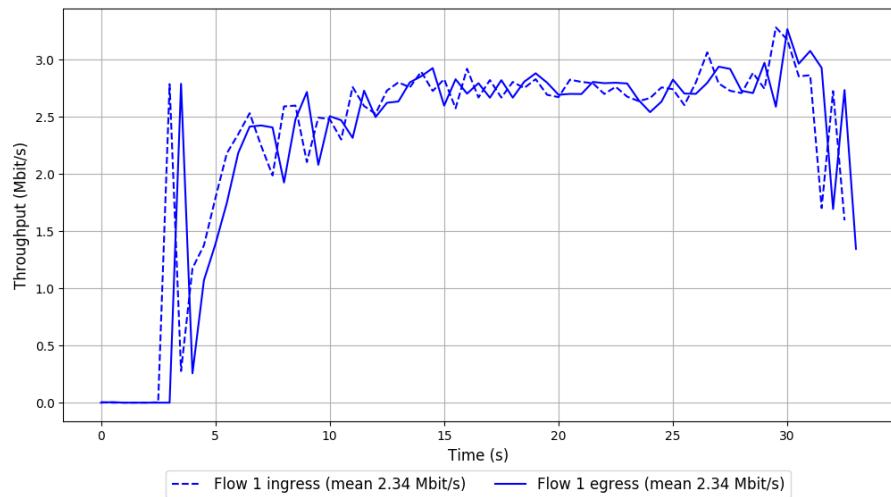


Run 5: Statistics of WebRTC media

```
Start at: 2018-06-05 21:11:38
End at: 2018-06-05 21:12:08
Local clock offset: 0.401 ms
Remote clock offset: -0.132 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 0.25%
```

Run 5: Report of WebRTC media — Data Link

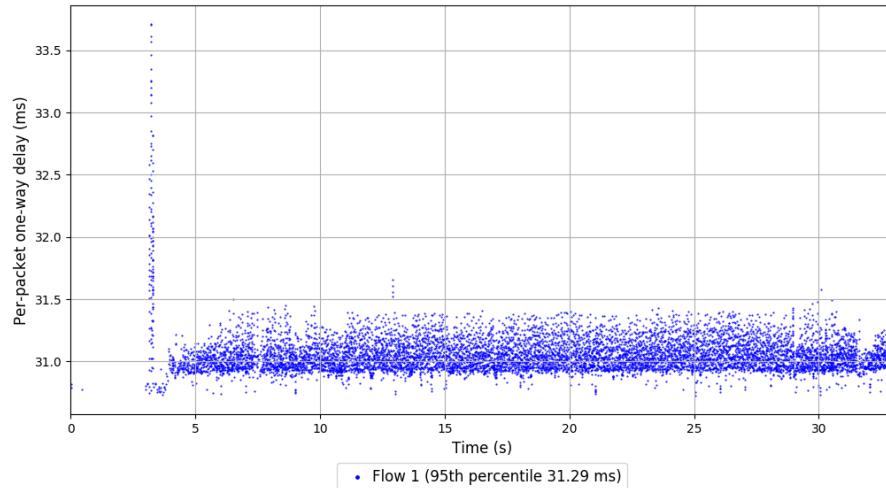
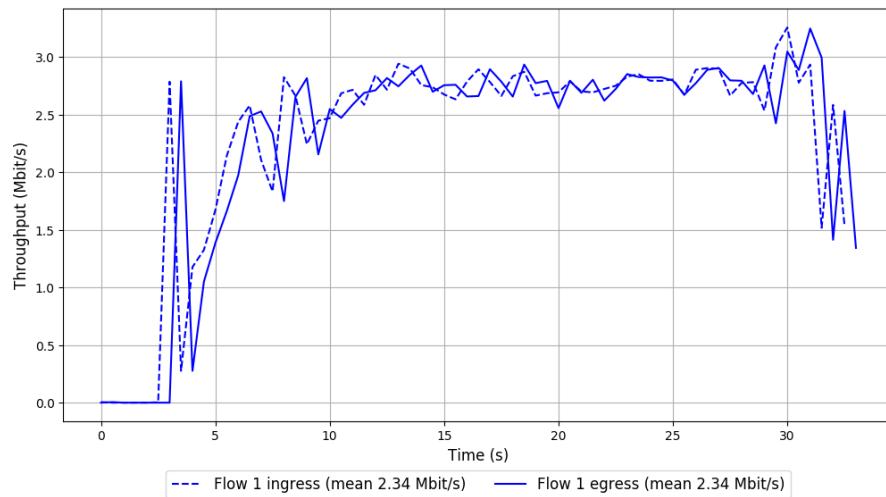


Run 6: Statistics of WebRTC media

```
Start at: 2018-06-05 21:32:38
End at: 2018-06-05 21:33:08
Local clock offset: 0.503 ms
Remote clock offset: 0.464 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 31.291 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 31.291 ms
Loss rate: 0.25%
```

Run 6: Report of WebRTC media — Data Link

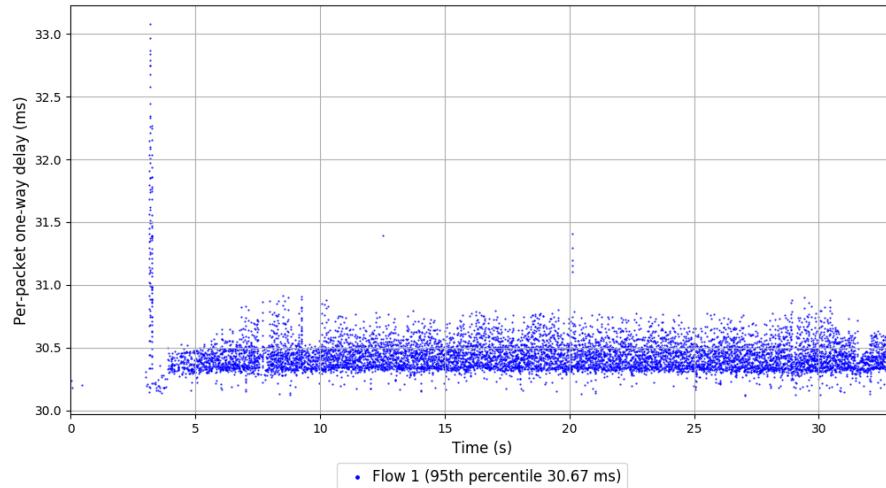
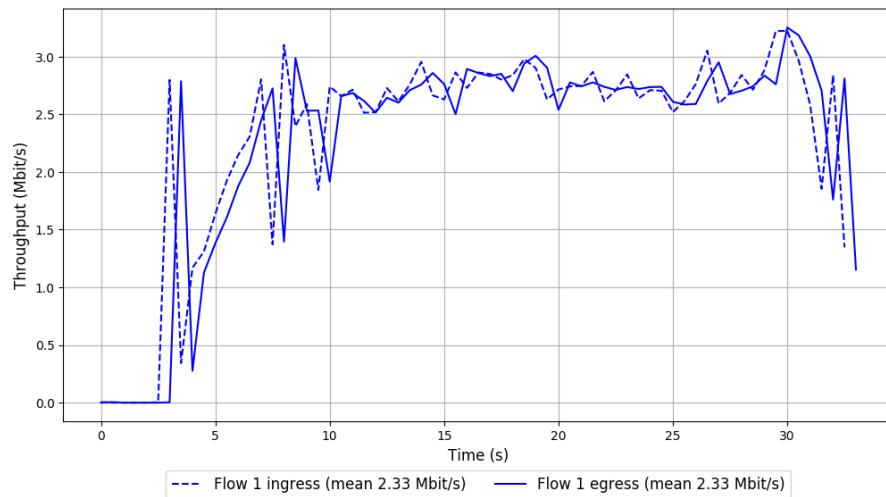


```
Run 7: Statistics of WebRTC media

Start at: 2018-06-05 21:53:40
End at: 2018-06-05 21:54:10
Local clock offset: -0.009 ms
Remote clock offset: -0.514 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 30.667 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 30.667 ms
Loss rate: 0.25%
```

Run 7: Report of WebRTC media — Data Link

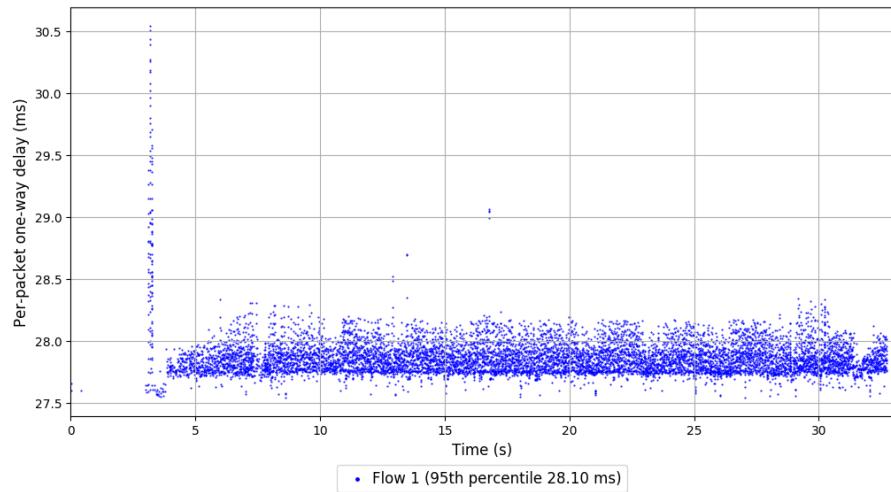
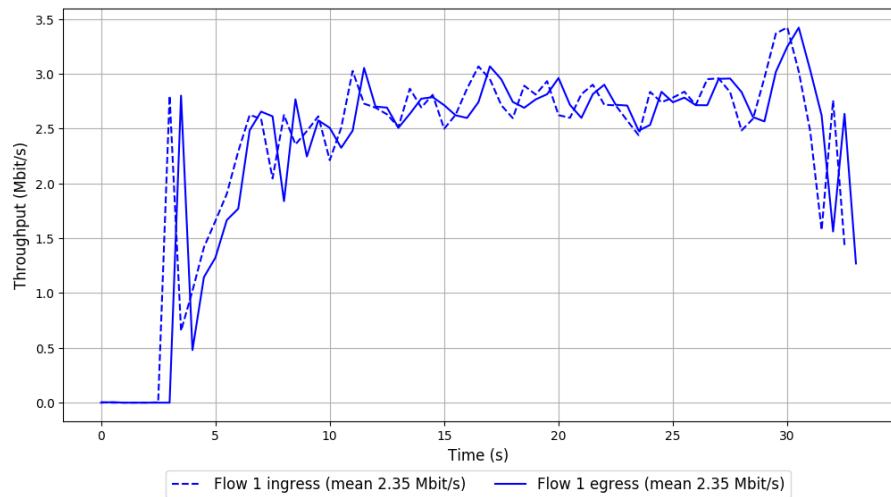


```
Run 8: Statistics of WebRTC media

Start at: 2018-06-05 22:14:36
End at: 2018-06-05 22:15:06
Local clock offset: 0.178 ms
Remote clock offset: -3.147 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 28.104 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 28.104 ms
Loss rate: 0.24%
```

Run 8: Report of WebRTC media — Data Link

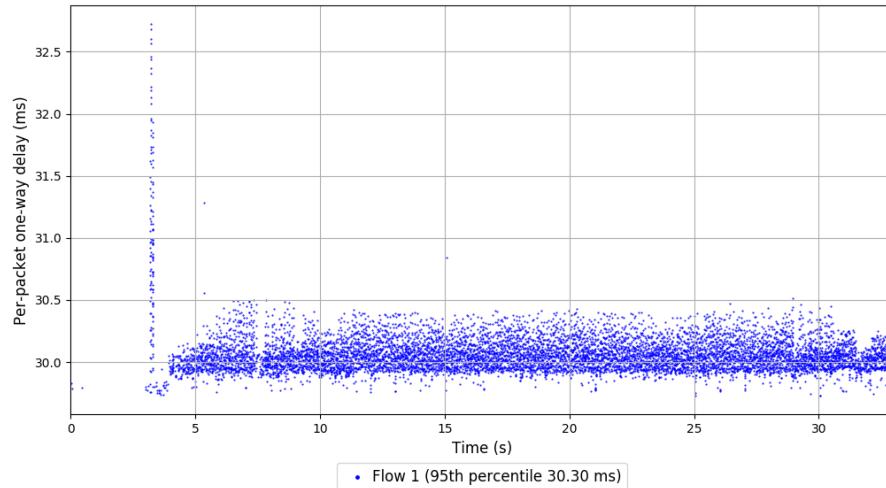
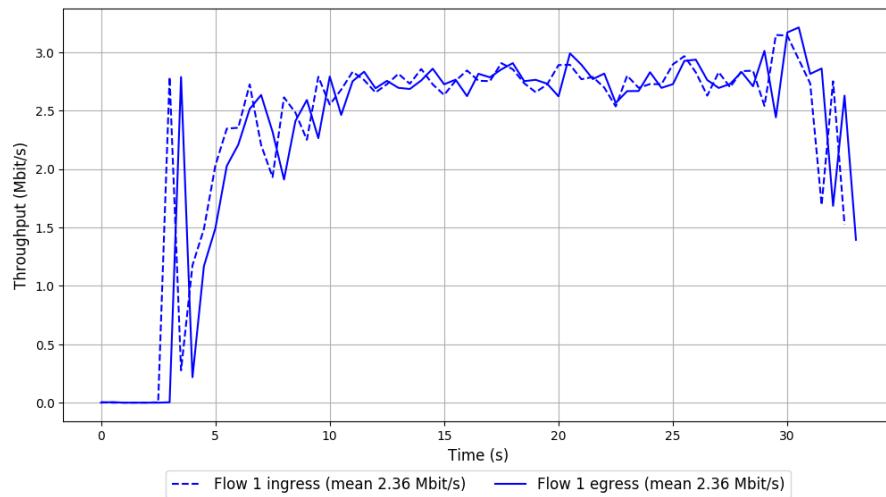


Run 9: Statistics of WebRTC media

```
Start at: 2018-06-05 22:35:34
End at: 2018-06-05 22:36:04
Local clock offset: 0.161 ms
Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 30.302 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 30.302 ms
Loss rate: 0.21%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: 2018-06-05 22:56:27
End at: 2018-06-05 22:56:57
Local clock offset: 0.37 ms
Remote clock offset: -0.306 ms

# Below is generated by plot.py at 2018-06-05 23:23:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 26.512 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 26.512 ms
Loss rate: 0.24%
```

Run 10: Report of WebRTC media — Data Link

