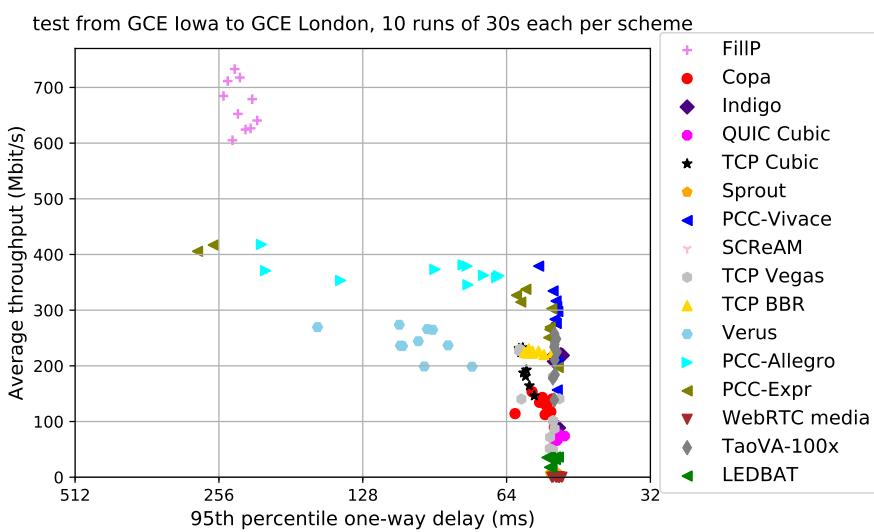
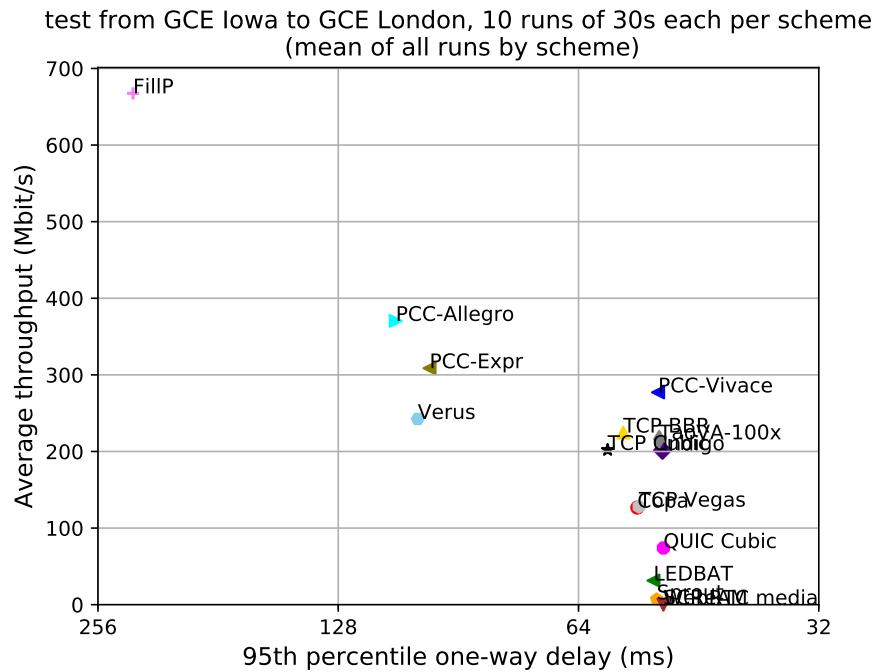


Pantheon Report

Generated at 2018-05-26 13:58:02 (UTC).
Data path: GCE Iowa Ethernet (*remote*) → GCE London 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.google.com` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 0088822873ea99180f63545a341ef069f40efe59  
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834  
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf  
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39  
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
  M receiver/src/buffer.h  
  M receiver/src/core.cpp  
  M sender/src/buffer.h  
  M sender/src/core.cpp  
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2  
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
  M src/verus.hpp  
  M tools/plot.py  
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4  
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



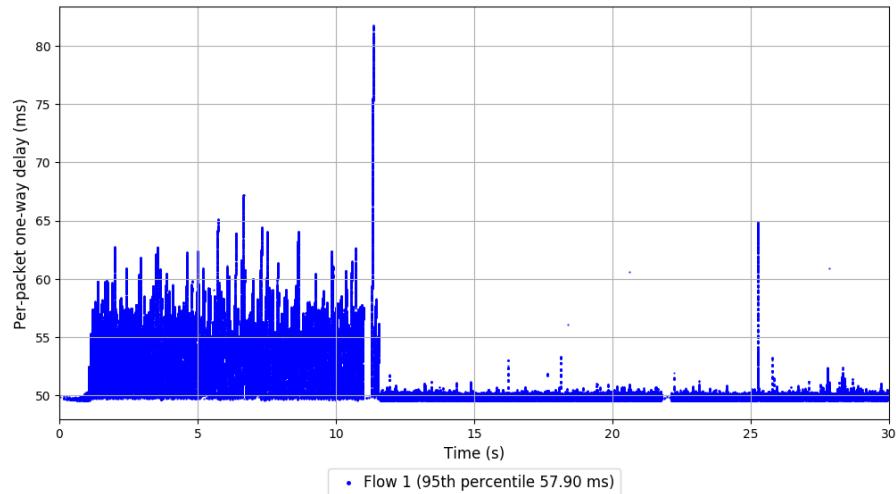
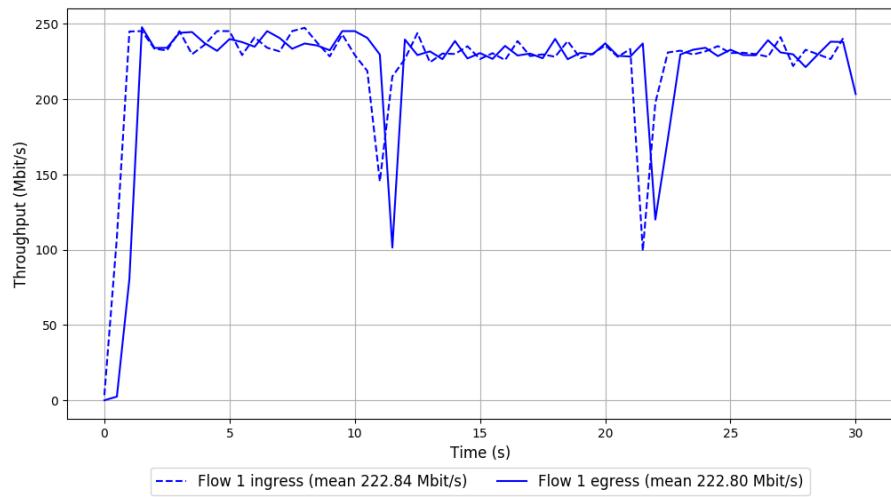
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	224.66	56.25	0.35
Copa	10	126.72	54.01	0.35
TCP Cubic	10	201.99	58.85	0.34
FillP	10	667.50	231.36	1.06
Indigo	9	201.45	50.24	0.35
LEDBAT	10	31.47	51.56	0.66
PCC-Allegro	10	370.44	108.44	0.74
PCC-Expr	10	308.68	98.37	1.40
QUIC Cubic	9	73.98	50.10	0.30
SCReAM	10	0.22	50.13	0.36
Sprout	10	6.98	51.08	0.32
TaoVA-100x	10	215.85	50.72	0.35
TCP Vegas	10	128.00	53.77	0.29
Verus	10	242.44	101.77	0.32
PCC-Vivace	10	277.15	50.87	0.44
WebRTC media	9	0.05	50.10	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-26 09:26:20
End at: 2018-05-26 09:26:50
Local clock offset: -0.231 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2018-05-26 12:42:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.80 Mbit/s
95th percentile per-packet one-way delay: 57.896 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 222.80 Mbit/s
95th percentile per-packet one-way delay: 57.896 ms
Loss rate: 0.37%
```

Run 1: Report of TCP BBR — Data Link

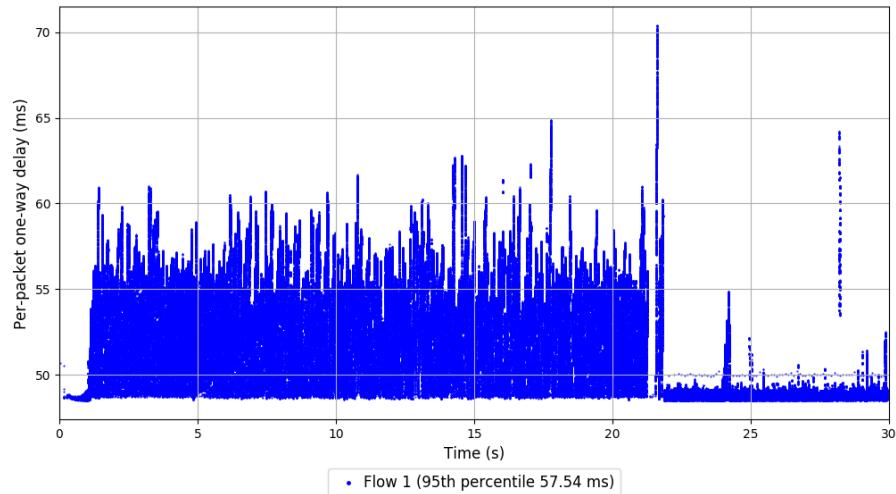
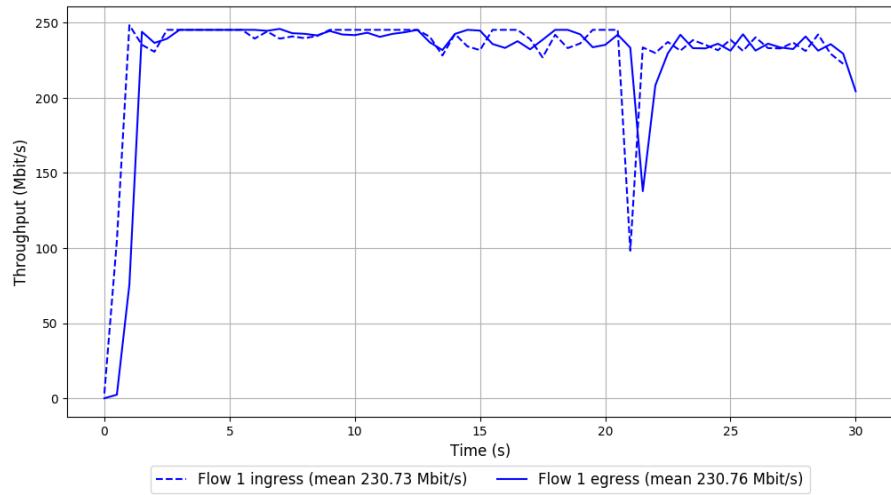


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-26 09:46:29
End at: 2018-05-26 09:46:59
Local clock offset: -0.343 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.76 Mbit/s
95th percentile per-packet one-way delay: 57.536 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 230.76 Mbit/s
95th percentile per-packet one-way delay: 57.536 ms
Loss rate: 0.32%
```

Run 2: Report of TCP BBR — Data Link

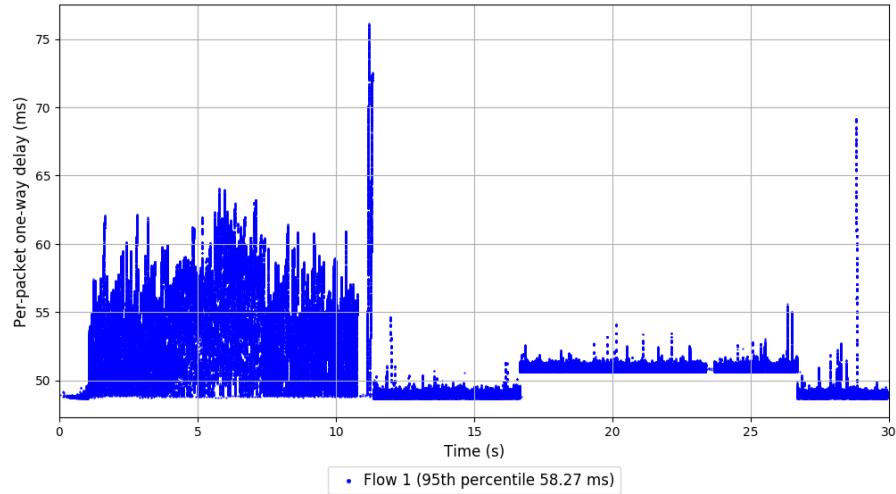
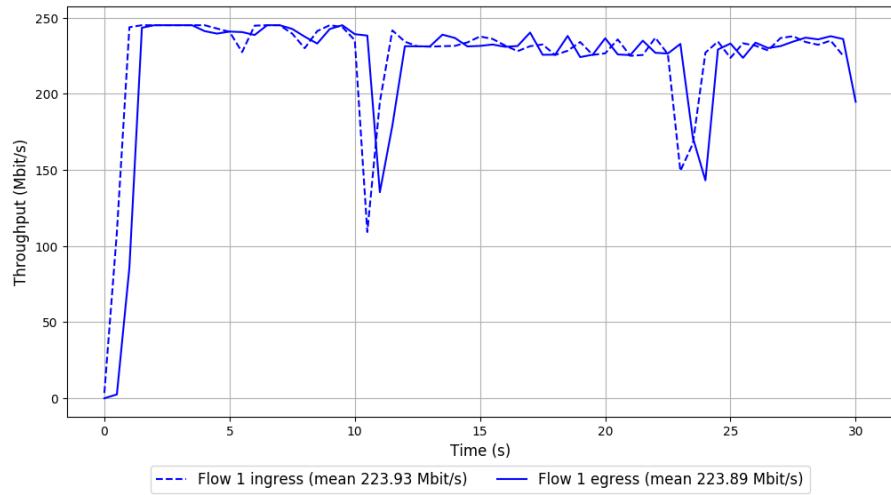


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-26 10:06:34
End at: 2018-05-26 10:07:04
Local clock offset: -0.235 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.89 Mbit/s
95th percentile per-packet one-way delay: 58.275 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 223.89 Mbit/s
95th percentile per-packet one-way delay: 58.275 ms
Loss rate: 0.35%
```

Run 3: Report of TCP BBR — Data Link

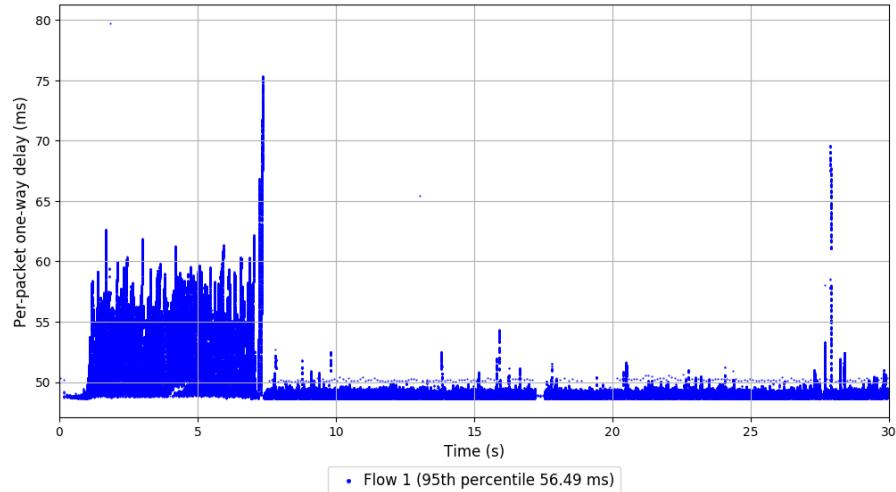
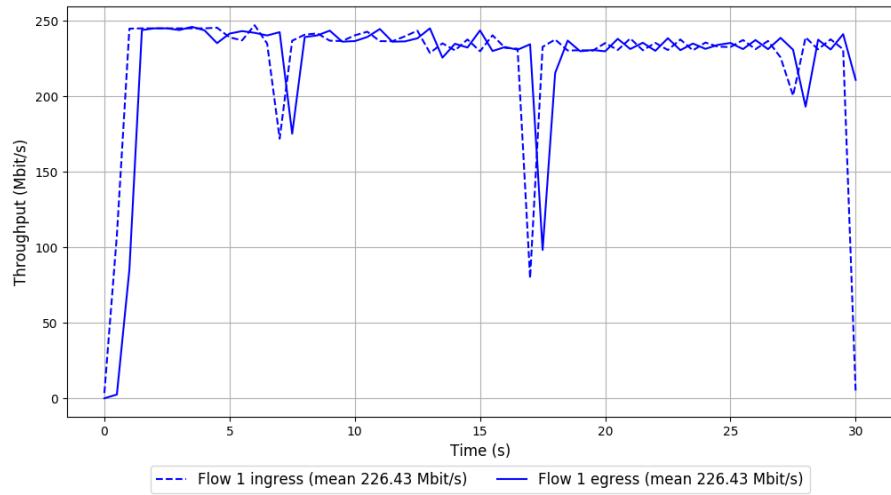


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-26 10:26:56
End at: 2018-05-26 10:27:26
Local clock offset: -0.262 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.43 Mbit/s
95th percentile per-packet one-way delay: 56.490 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 226.43 Mbit/s
95th percentile per-packet one-way delay: 56.490 ms
Loss rate: 0.34%
```

Run 4: Report of TCP BBR — Data Link

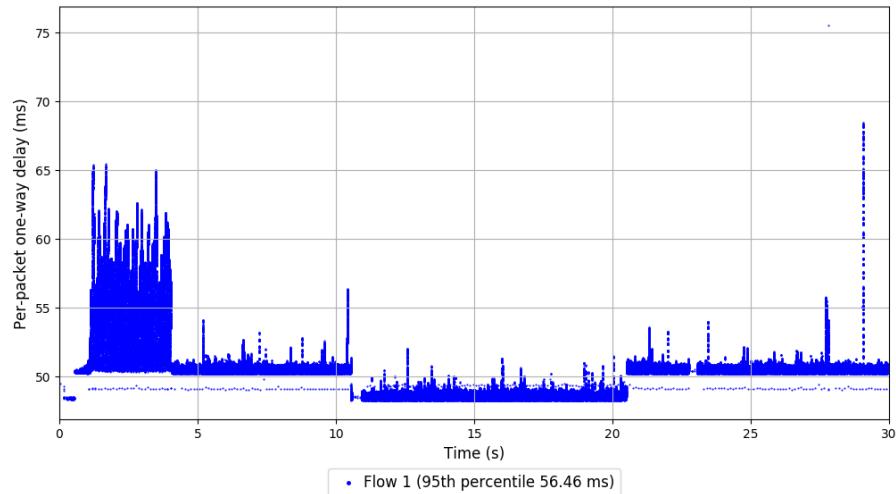
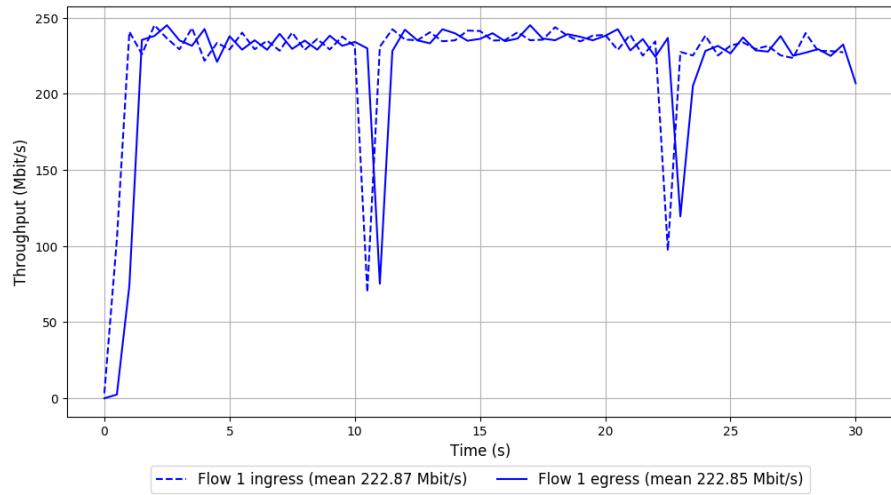


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-26 10:47:00
End at: 2018-05-26 10:47:30
Local clock offset: -0.645 ms
Remote clock offset: 0.01 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.85 Mbit/s
95th percentile per-packet one-way delay: 56.456 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 222.85 Mbit/s
95th percentile per-packet one-way delay: 56.456 ms
Loss rate: 0.35%
```

Run 5: Report of TCP BBR — Data Link

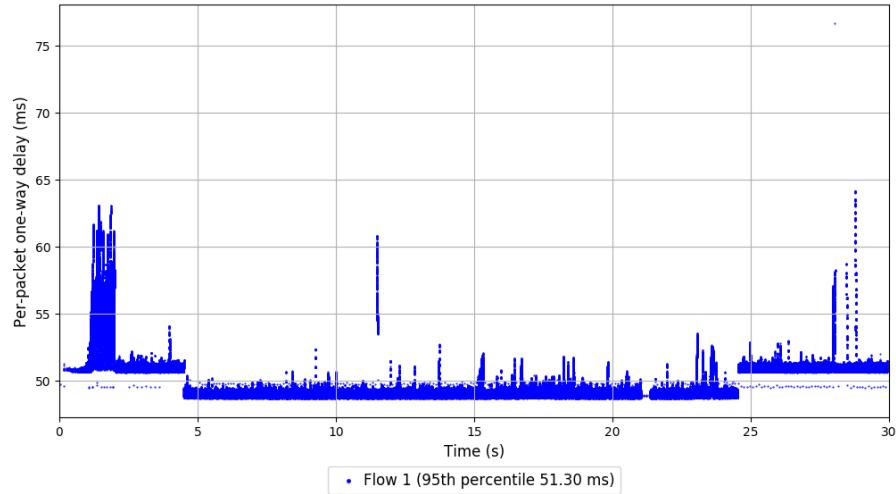
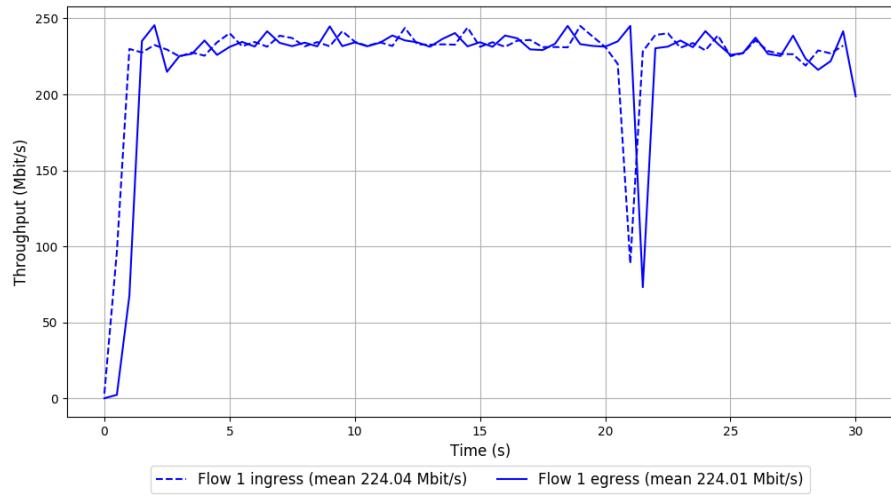


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-26 11:07:06
End at: 2018-05-26 11:07:36
Local clock offset: -0.119 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.01 Mbit/s
95th percentile per-packet one-way delay: 51.297 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 224.01 Mbit/s
95th percentile per-packet one-way delay: 51.297 ms
Loss rate: 0.36%
```

Run 6: Report of TCP BBR — Data Link

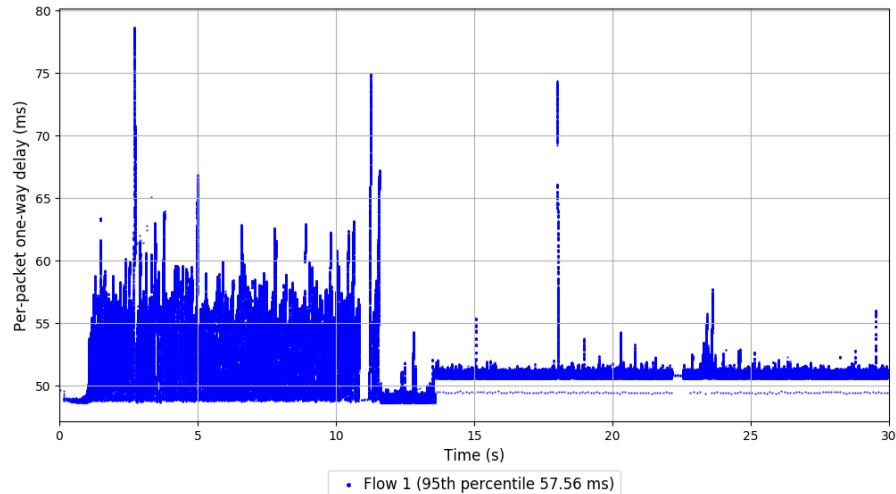
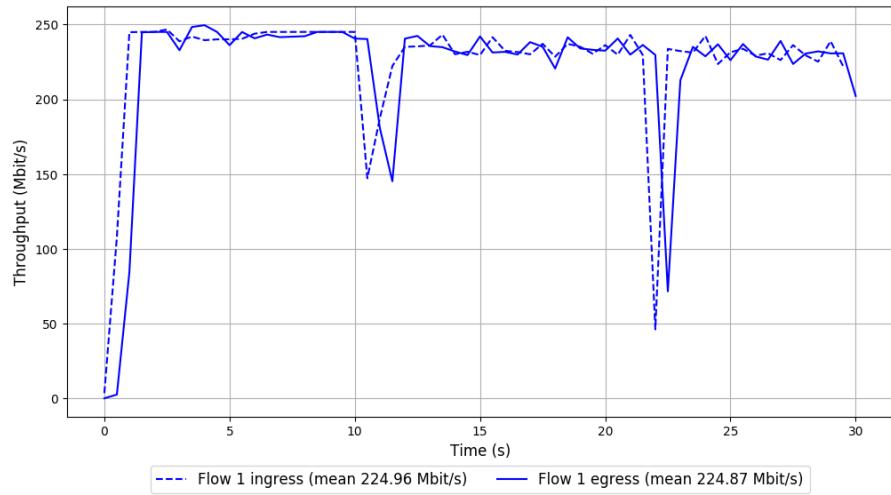


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-26 11:27:27
End at: 2018-05-26 11:27:57
Local clock offset: -0.128 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.87 Mbit/s
95th percentile per-packet one-way delay: 57.557 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 224.87 Mbit/s
95th percentile per-packet one-way delay: 57.557 ms
Loss rate: 0.35%
```

Run 7: Report of TCP BBR — Data Link

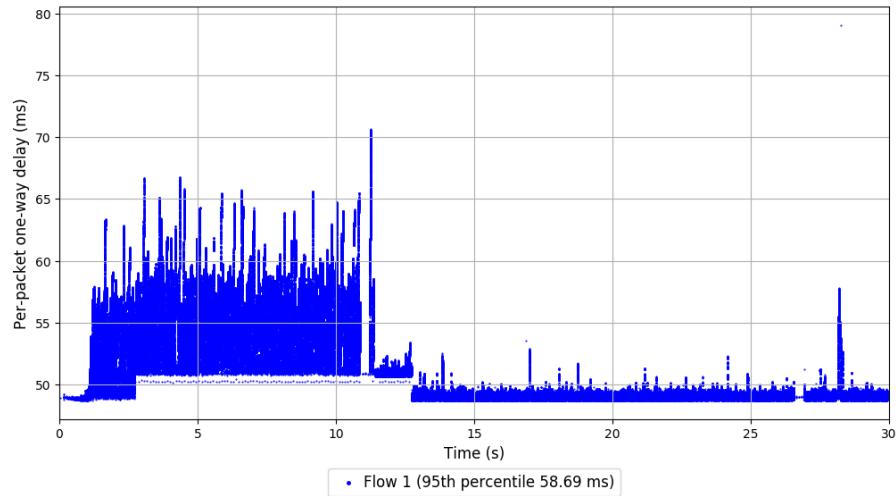
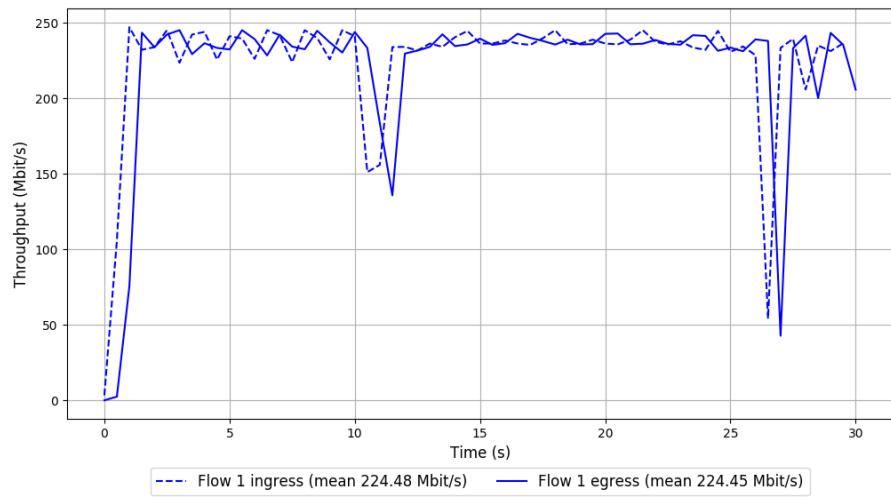


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-26 11:47:48
End at: 2018-05-26 11:48:18
Local clock offset: -0.127 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2018-05-26 12:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.45 Mbit/s
95th percentile per-packet one-way delay: 58.686 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 224.45 Mbit/s
95th percentile per-packet one-way delay: 58.686 ms
Loss rate: 0.35%
```

Run 8: Report of TCP BBR — Data Link

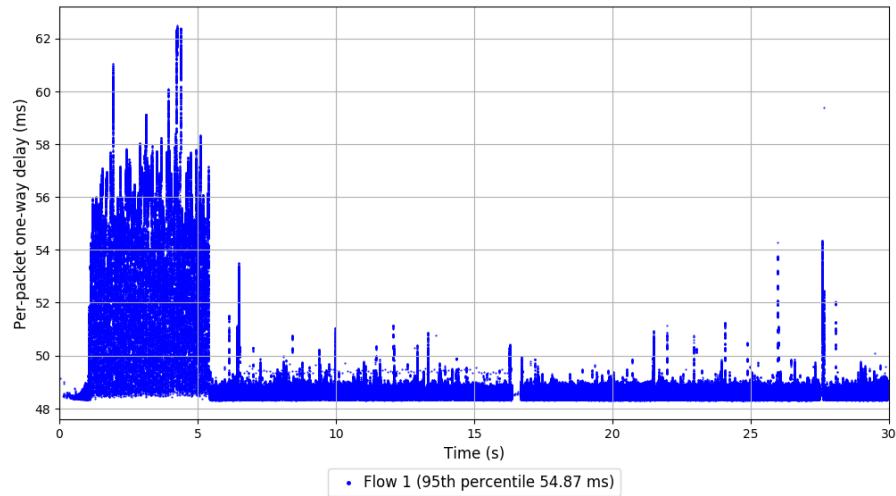
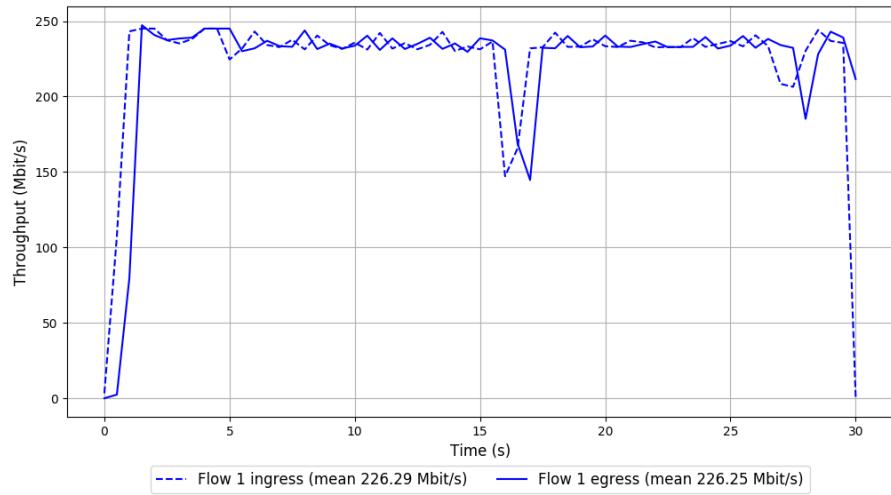


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-26 12:07:54
End at: 2018-05-26 12:08:24
Local clock offset: -0.549 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2018-05-26 12:46:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.25 Mbit/s
95th percentile per-packet one-way delay: 54.868 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 226.25 Mbit/s
95th percentile per-packet one-way delay: 54.868 ms
Loss rate: 0.35%
```

Run 9: Report of TCP BBR — Data Link

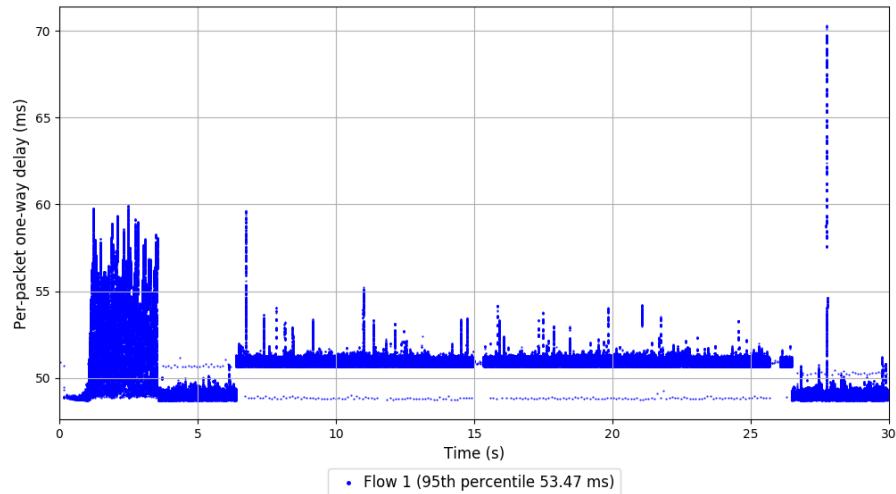
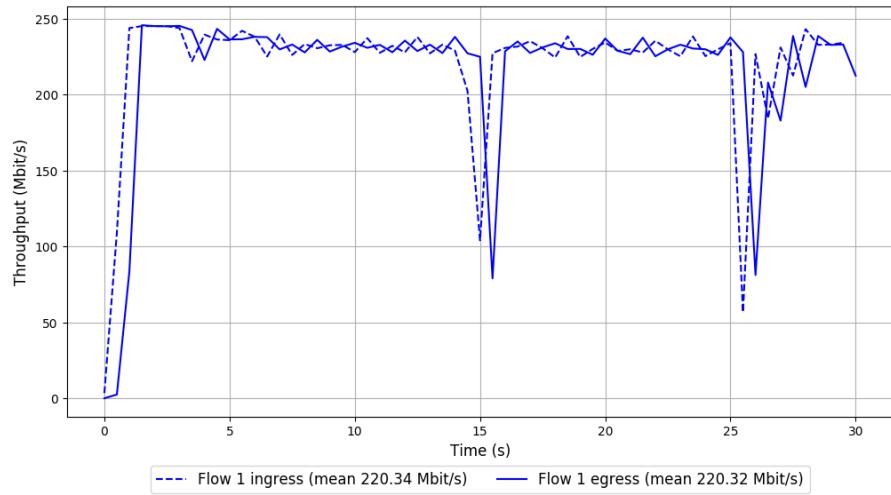


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-26 12:28:14
End at: 2018-05-26 12:28:44
Local clock offset: -0.181 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2018-05-26 12:46:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.32 Mbit/s
95th percentile per-packet one-way delay: 53.467 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 220.32 Mbit/s
95th percentile per-packet one-way delay: 53.467 ms
Loss rate: 0.35%
```

Run 10: Report of TCP BBR — Data Link

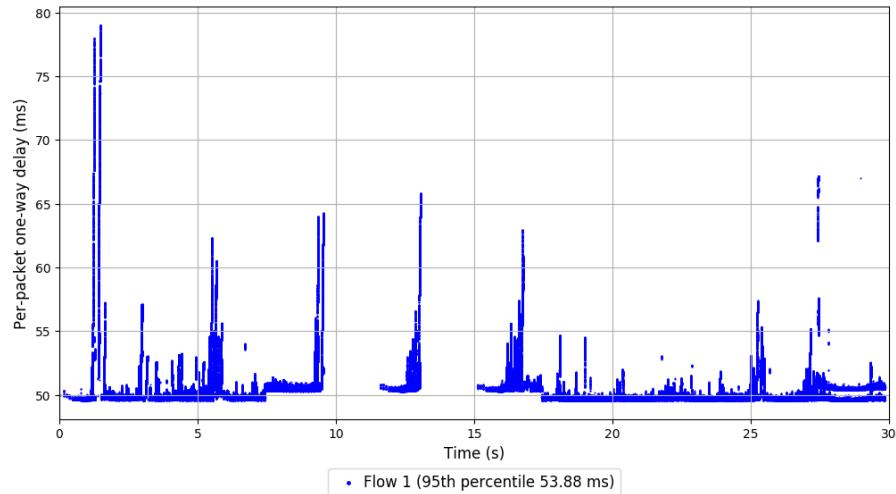
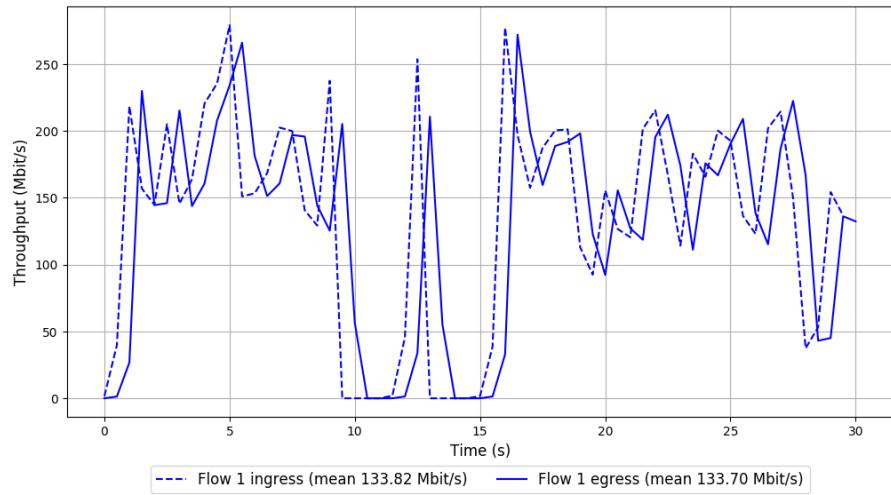


Run 1: Statistics of Copa

```
Start at: 2018-05-26 09:12:13
End at: 2018-05-26 09:12:43
Local clock offset: -0.275 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2018-05-26 12:46:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 133.70 Mbit/s
95th percentile per-packet one-way delay: 53.881 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 133.70 Mbit/s
95th percentile per-packet one-way delay: 53.881 ms
Loss rate: 0.43%
```

Run 1: Report of Copa — Data Link

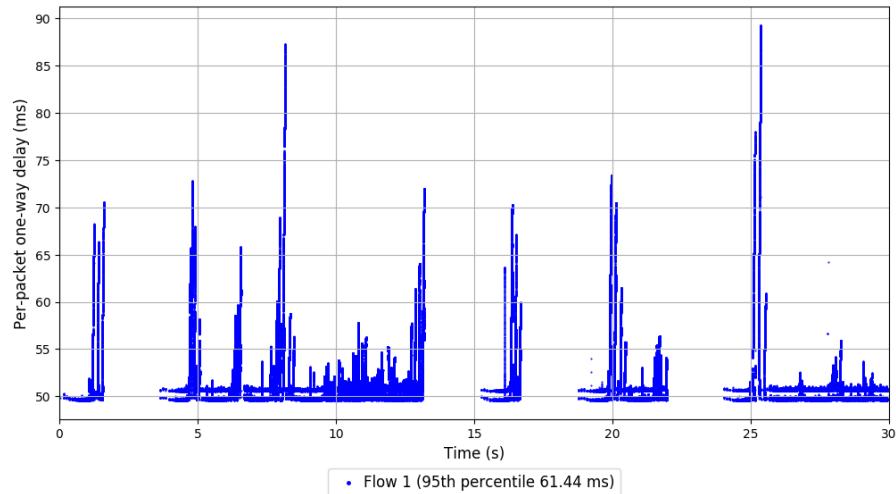
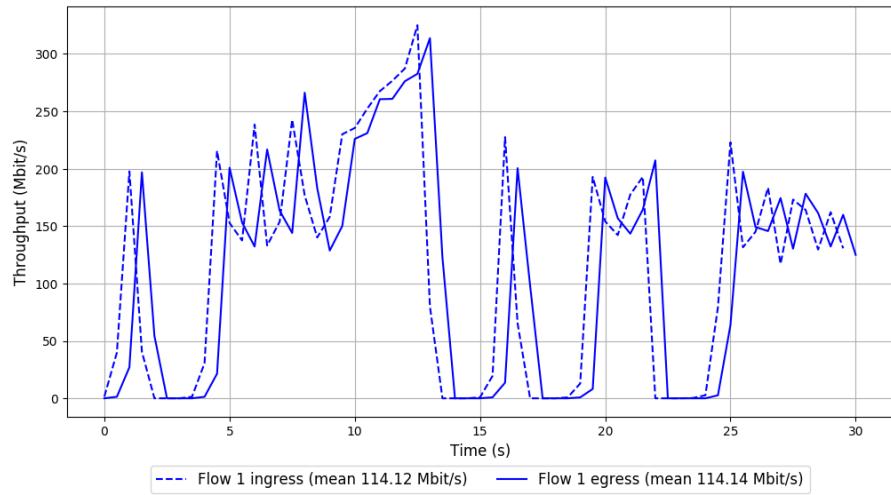


Run 2: Statistics of Copa

```
Start at: 2018-05-26 09:32:29
End at: 2018-05-26 09:32:59
Local clock offset: -0.213 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2018-05-26 12:46:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.14 Mbit/s
95th percentile per-packet one-way delay: 61.444 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 114.14 Mbit/s
95th percentile per-packet one-way delay: 61.444 ms
Loss rate: 0.32%
```

Run 2: Report of Copa — Data Link

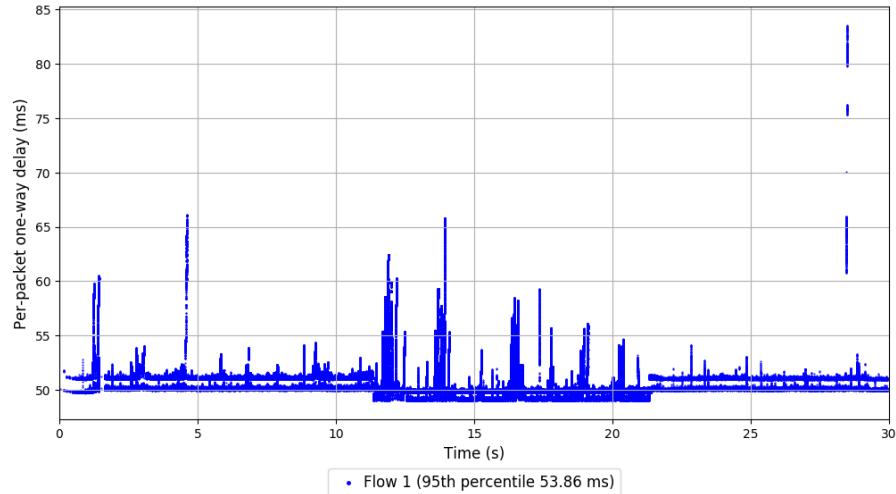
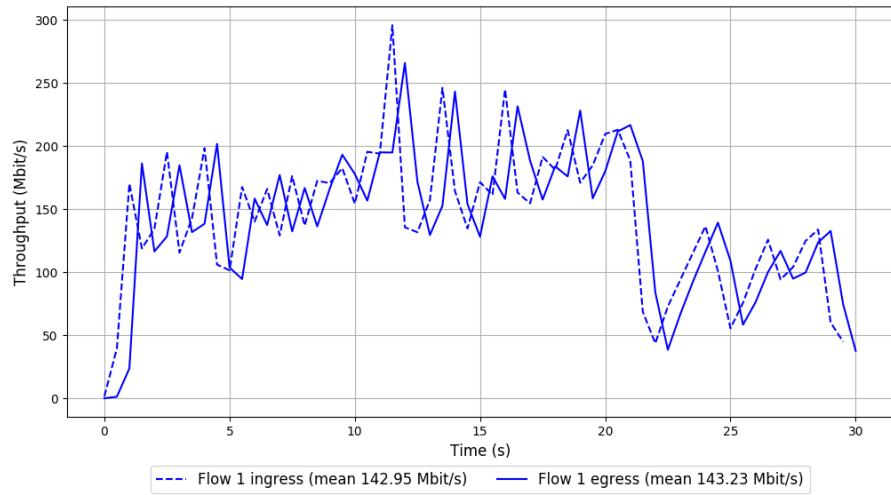


Run 3: Statistics of Copa

```
Start at: 2018-05-26 09:52:39
End at: 2018-05-26 09:53:09
Local clock offset: 0.133 ms
Remote clock offset: -0.051 ms

# Below is generated by plot.py at 2018-05-26 12:46:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 143.23 Mbit/s
95th percentile per-packet one-way delay: 53.856 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 143.23 Mbit/s
95th percentile per-packet one-way delay: 53.856 ms
Loss rate: 0.14%
```

Run 3: Report of Copa — Data Link

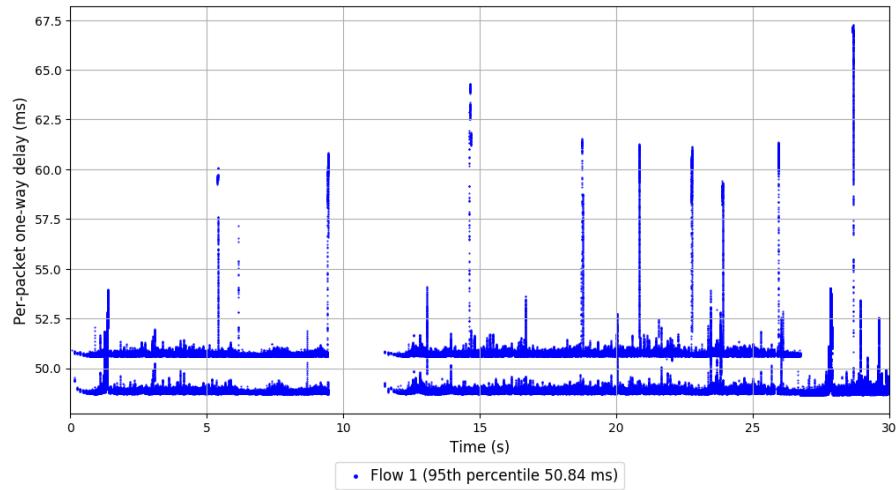
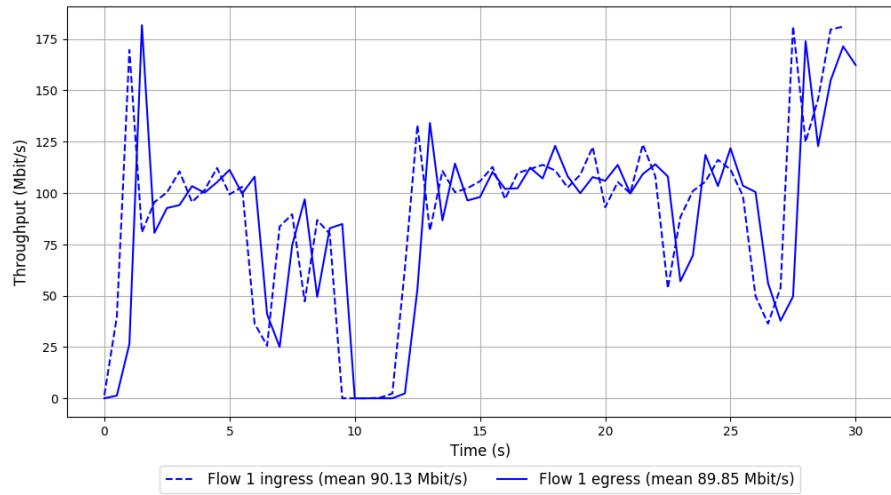


Run 4: Statistics of Copa

```
Start at: 2018-05-26 10:12:54
End at: 2018-05-26 10:13:24
Local clock offset: -0.246 ms
Remote clock offset: -0.133 ms

# Below is generated by plot.py at 2018-05-26 12:46:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 50.843 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 50.843 ms
Loss rate: 0.65%
```

Run 4: Report of Copa — Data Link

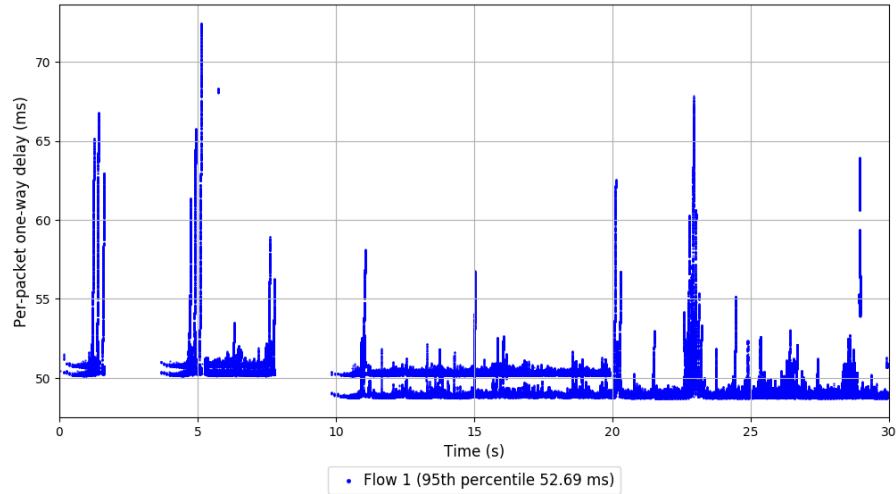
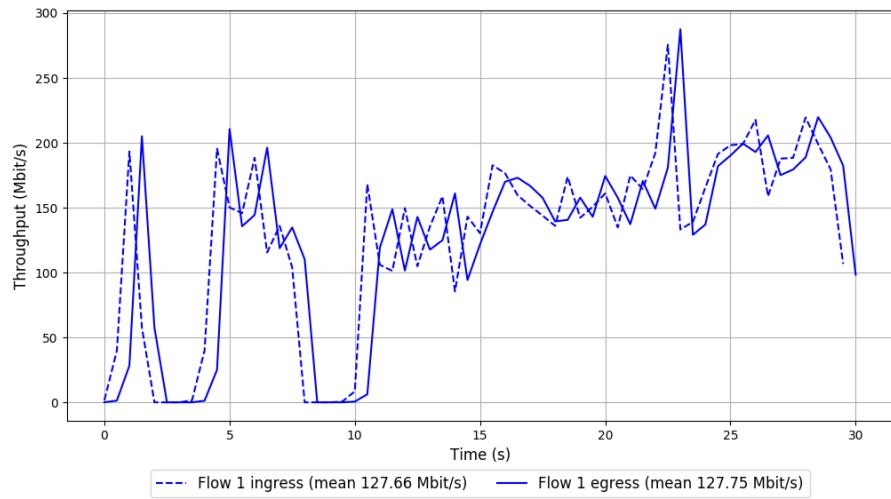


Run 5: Statistics of Copa

```
Start at: 2018-05-26 10:33:10
End at: 2018-05-26 10:33:40
Local clock offset: -0.217 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-05-26 12:46:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 127.75 Mbit/s
95th percentile per-packet one-way delay: 52.692 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 127.75 Mbit/s
95th percentile per-packet one-way delay: 52.692 ms
Loss rate: 0.27%
```

Run 5: Report of Copa — Data Link

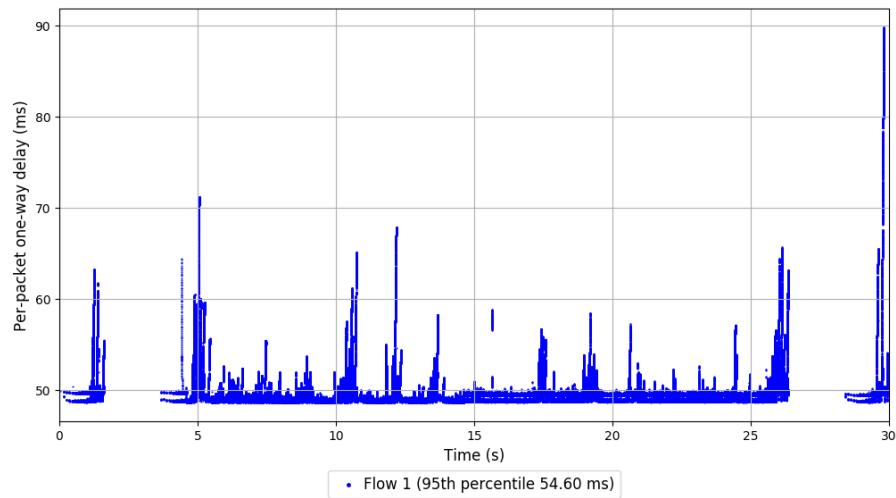
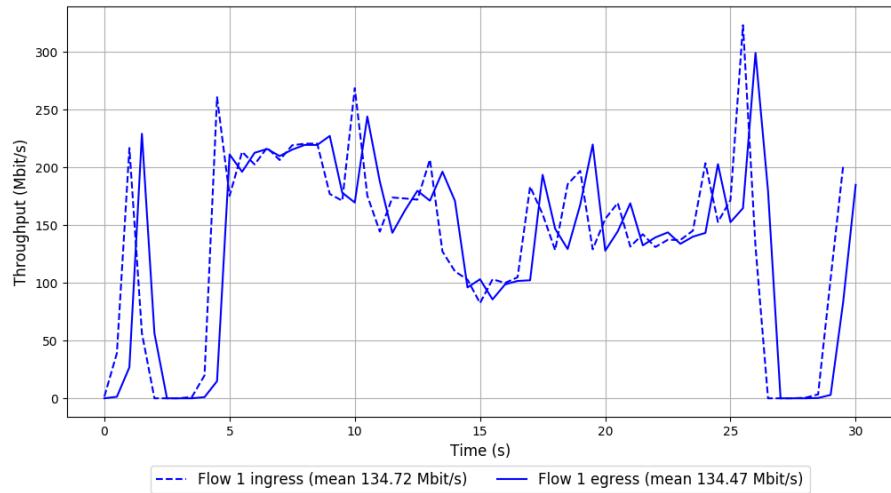


Run 6: Statistics of Copa

```
Start at: 2018-05-26 10:53:06
End at: 2018-05-26 10:53:36
Local clock offset: -0.23 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at 2018-05-26 12:46:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 134.47 Mbit/s
95th percentile per-packet one-way delay: 54.605 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 134.47 Mbit/s
95th percentile per-packet one-way delay: 54.605 ms
Loss rate: 0.46%
```

Run 6: Report of Copa — Data Link

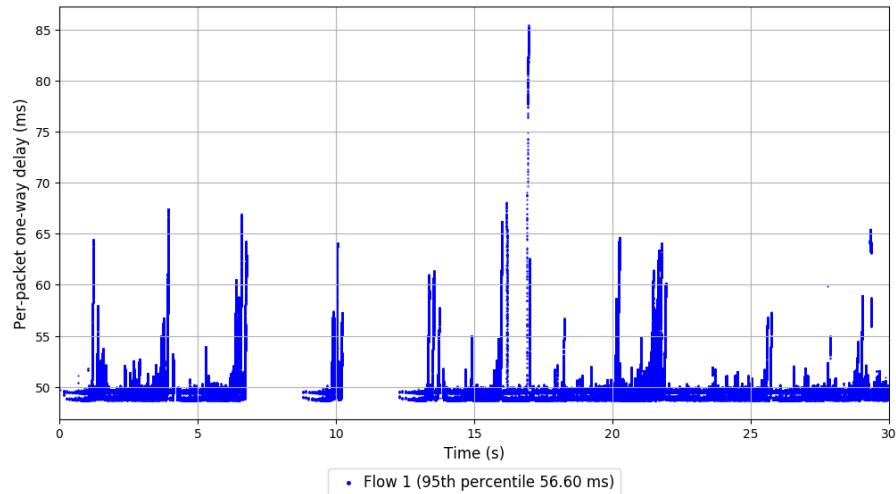
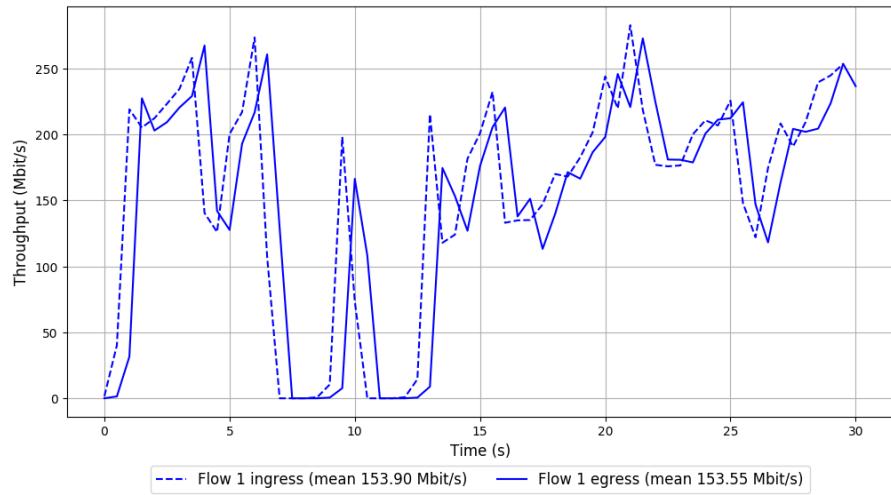


Run 7: Statistics of Copa

```
Start at: 2018-05-26 11:13:21
End at: 2018-05-26 11:13:51
Local clock offset: -0.113 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2018-05-26 12:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.55 Mbit/s
95th percentile per-packet one-way delay: 56.604 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 153.55 Mbit/s
95th percentile per-packet one-way delay: 56.604 ms
Loss rate: 0.55%
```

Run 7: Report of Copa — Data Link

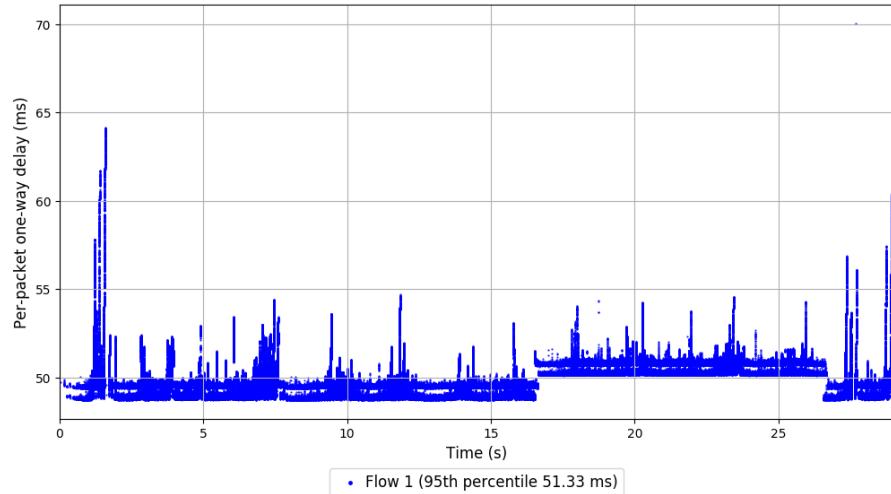
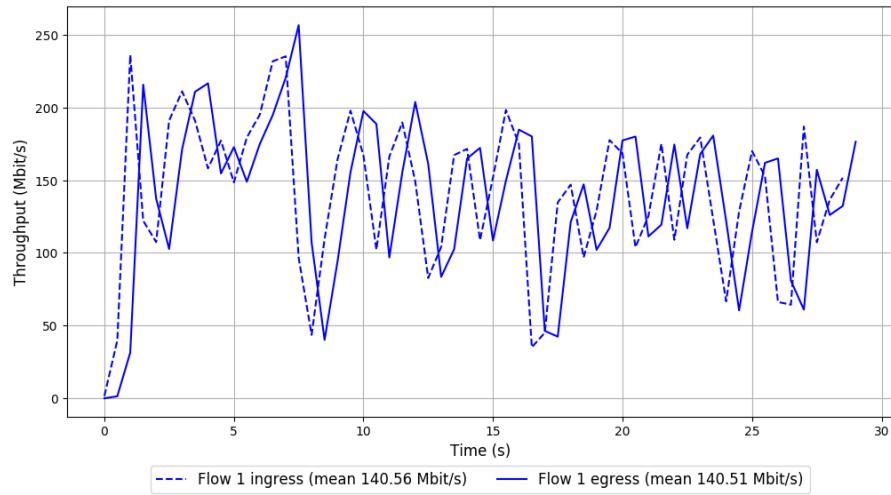


Run 8: Statistics of Copa

```
Start at: 2018-05-26 11:33:44
End at: 2018-05-26 11:34:14
Local clock offset: -0.083 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2018-05-26 12:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 140.51 Mbit/s
95th percentile per-packet one-way delay: 51.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.51 Mbit/s
95th percentile per-packet one-way delay: 51.332 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

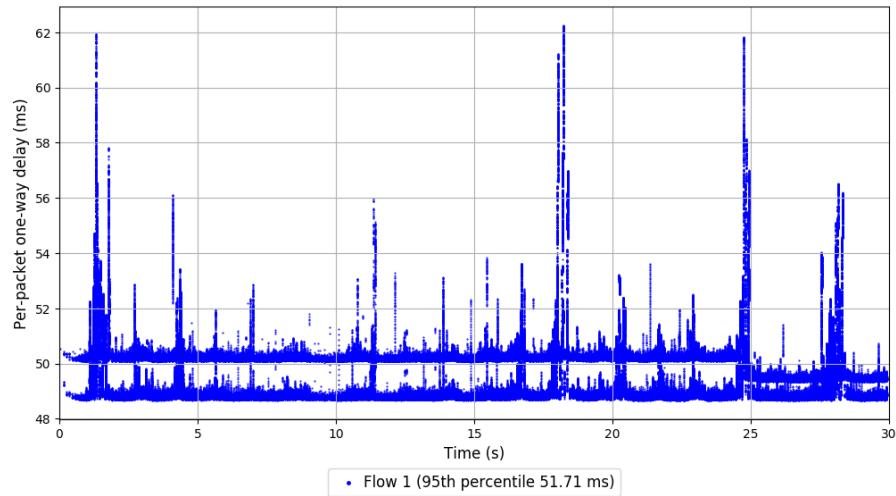
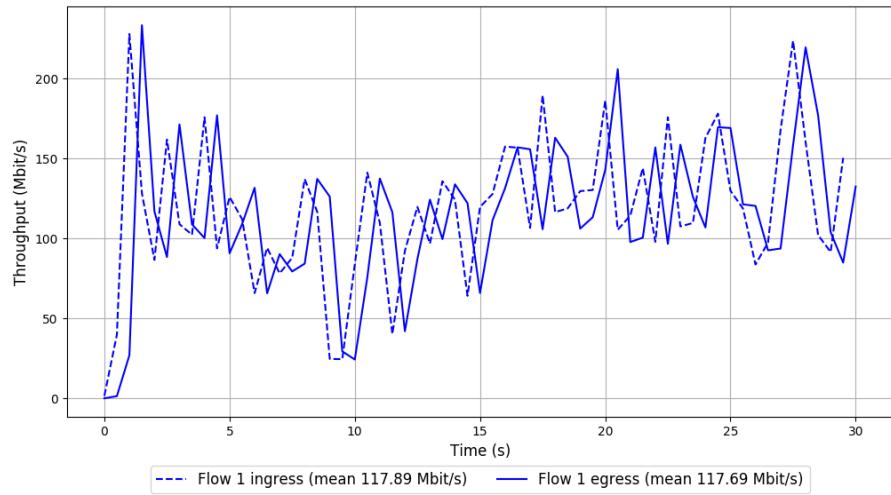


Run 9: Statistics of Copa

```
Start at: 2018-05-26 11:53:56
End at: 2018-05-26 11:54:26
Local clock offset: -0.173 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2018-05-26 12:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 117.69 Mbit/s
95th percentile per-packet one-way delay: 51.711 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 117.69 Mbit/s
95th percentile per-packet one-way delay: 51.711 ms
Loss rate: 0.51%
```

Run 9: Report of Copa — Data Link

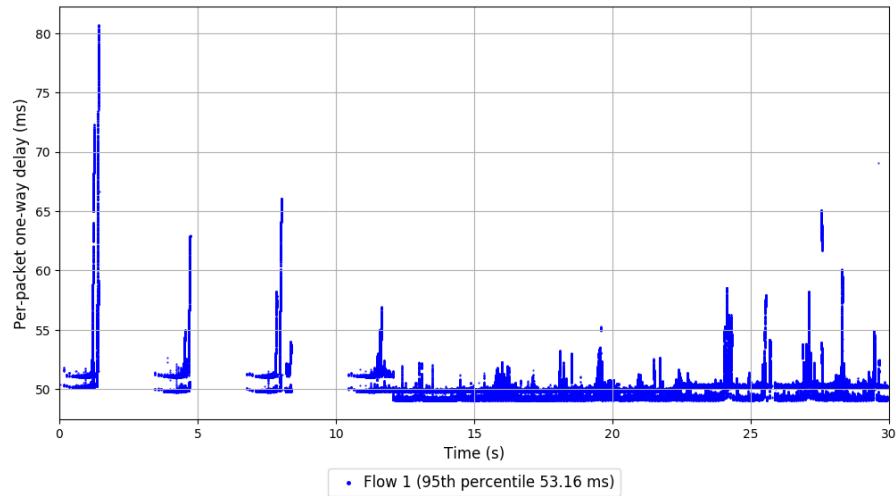
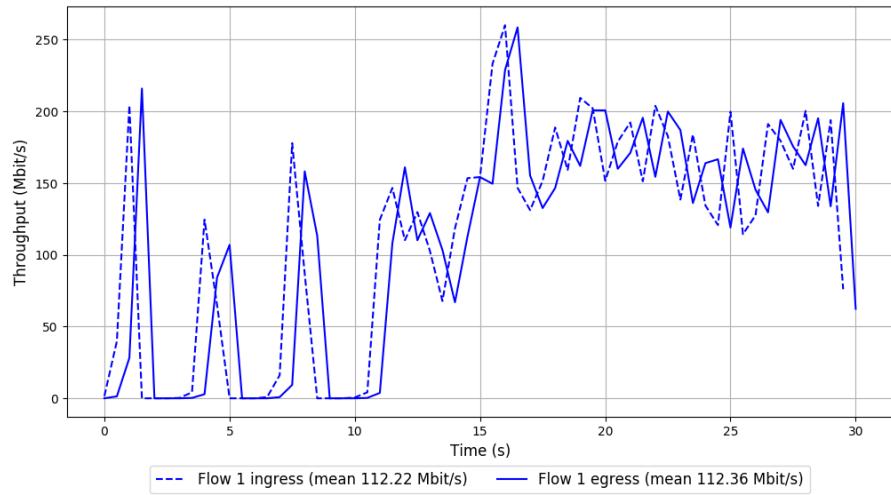


Run 10: Statistics of Copa

```
Start at: 2018-05-26 12:14:08
End at: 2018-05-26 12:14:38
Local clock offset: 0.209 ms
Remote clock offset: -0.051 ms

# Below is generated by plot.py at 2018-05-26 12:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 112.36 Mbit/s
95th percentile per-packet one-way delay: 53.159 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 112.36 Mbit/s
95th percentile per-packet one-way delay: 53.159 ms
Loss rate: 0.20%
```

Run 10: Report of Copa — Data Link

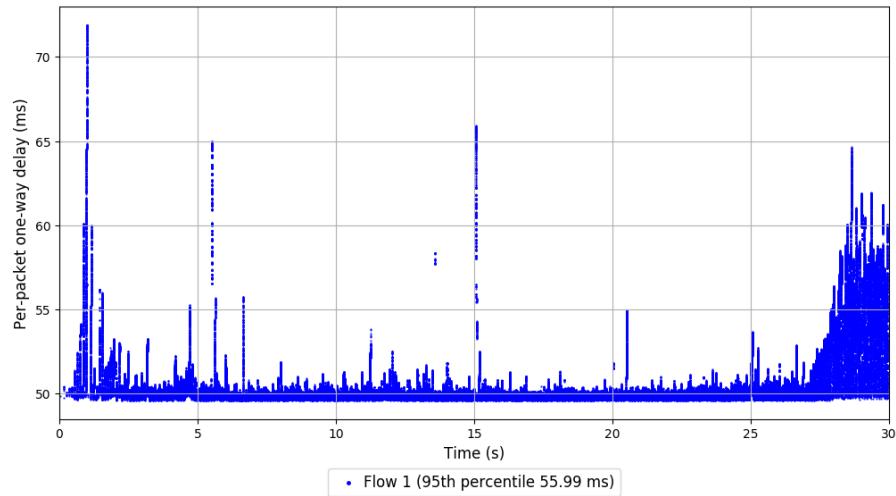
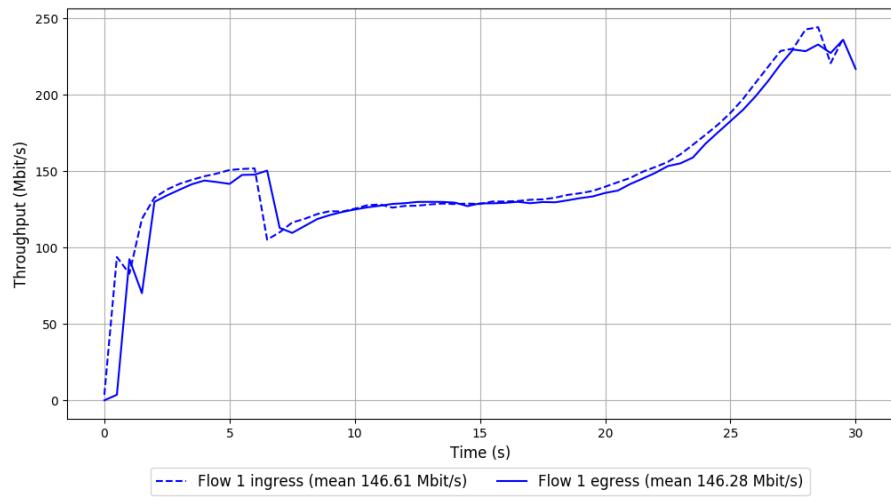


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-26 09:22:30
End at: 2018-05-26 09:23:00
Local clock offset: -0.219 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-05-26 12:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.28 Mbit/s
95th percentile per-packet one-way delay: 55.988 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 146.28 Mbit/s
95th percentile per-packet one-way delay: 55.988 ms
Loss rate: 0.54%
```

Run 1: Report of TCP Cubic — Data Link

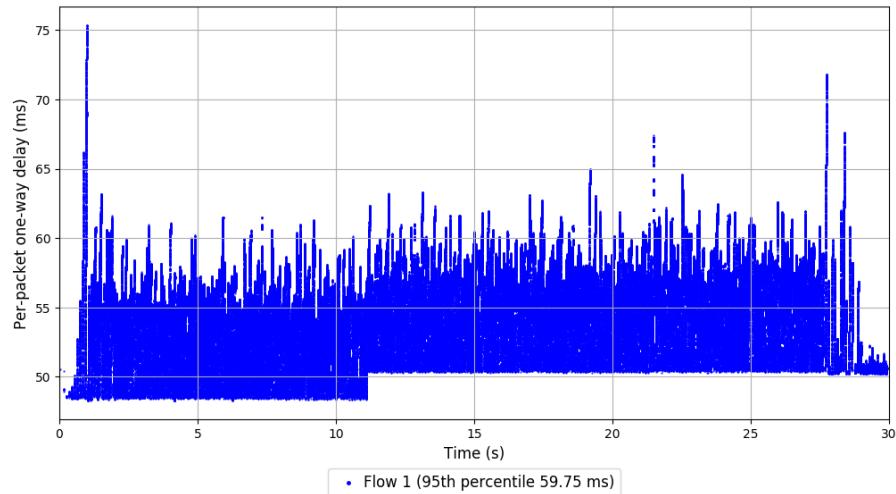
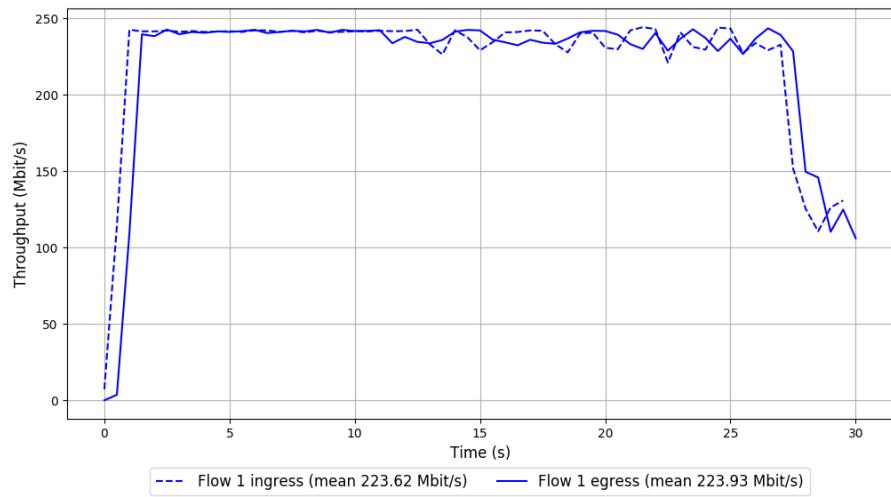


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-26 09:42:39
End at: 2018-05-26 09:43:09
Local clock offset: -0.573 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2018-05-26 12:50:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.93 Mbit/s
95th percentile per-packet one-way delay: 59.747 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 223.93 Mbit/s
95th percentile per-packet one-way delay: 59.747 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Cubic — Data Link

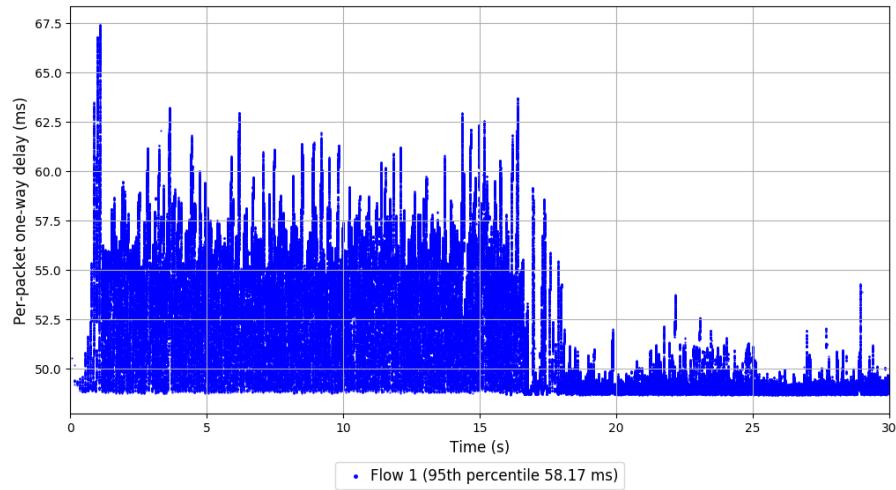
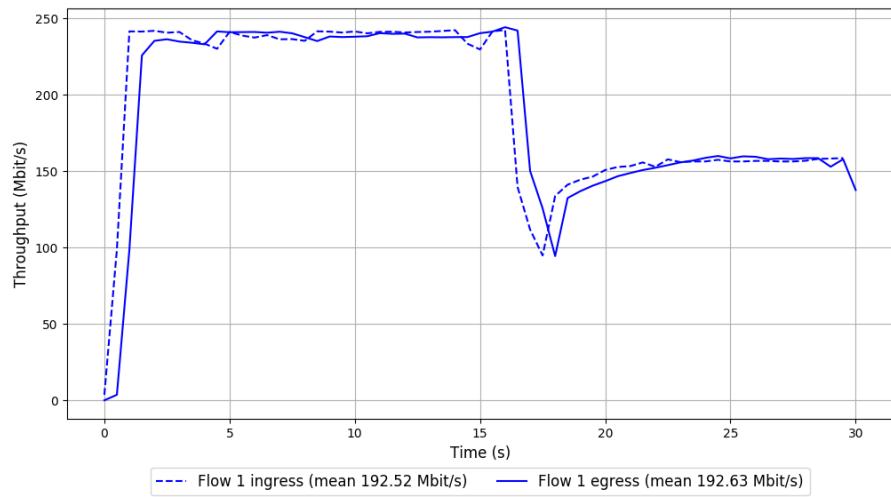


Run 3: Statistics of TCP Cubic

```
Start at: 2018-05-26 10:02:45
End at: 2018-05-26 10:03:15
Local clock offset: -0.232 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2018-05-26 12:50:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.63 Mbit/s
95th percentile per-packet one-way delay: 58.169 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 192.63 Mbit/s
95th percentile per-packet one-way delay: 58.169 ms
Loss rate: 0.28%
```

Run 3: Report of TCP Cubic — Data Link

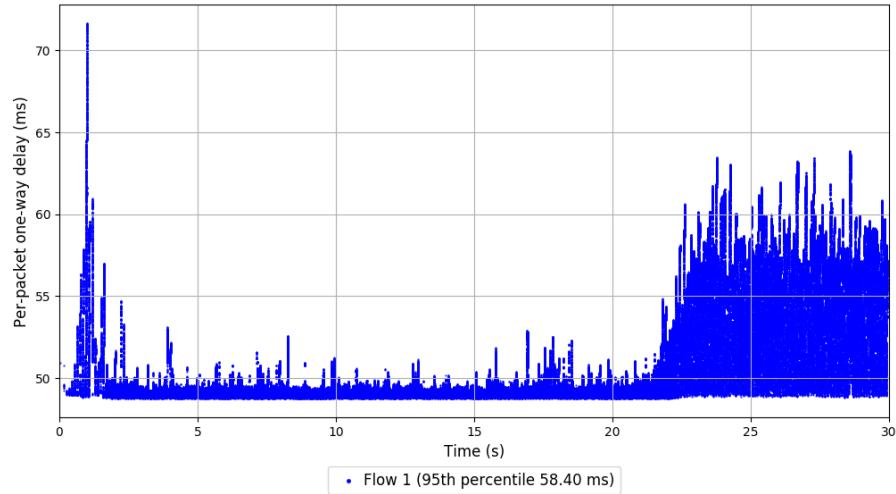
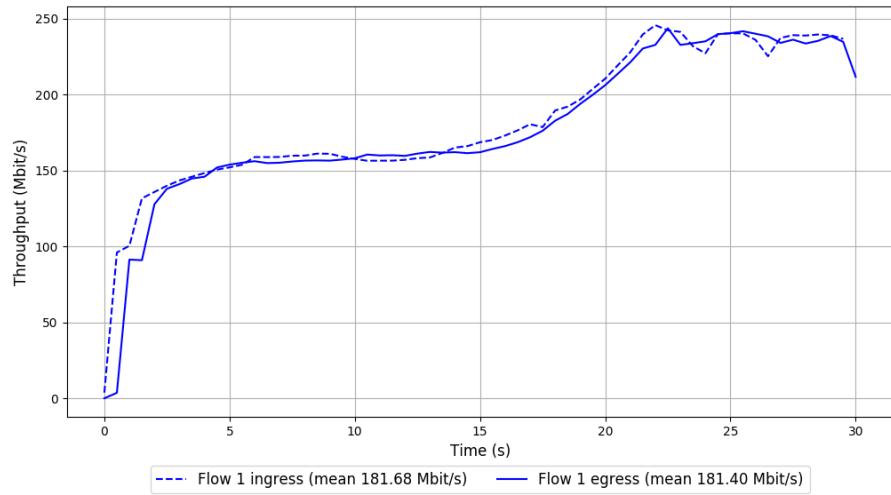


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-26 10:23:07
End at: 2018-05-26 10:23:37
Local clock offset: -0.219 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at 2018-05-26 12:50:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.40 Mbit/s
95th percentile per-packet one-way delay: 58.404 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 181.40 Mbit/s
95th percentile per-packet one-way delay: 58.404 ms
Loss rate: 0.49%
```

Run 4: Report of TCP Cubic — Data Link

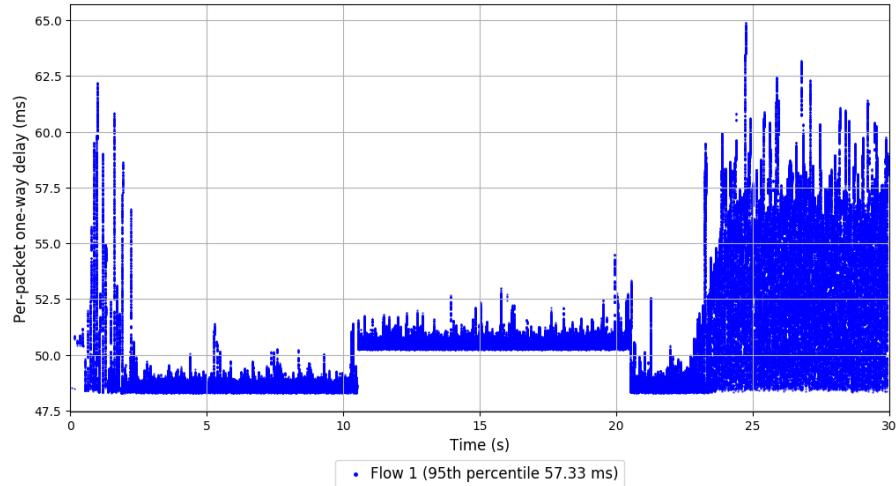
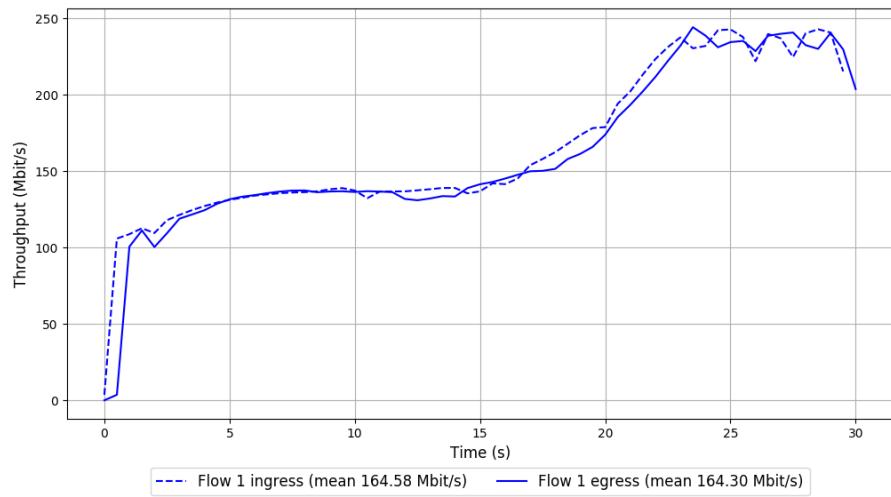


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-26 10:43:10
End at: 2018-05-26 10:43:40
Local clock offset: -0.626 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2018-05-26 12:51:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 164.30 Mbit/s
95th percentile per-packet one-way delay: 57.329 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 164.30 Mbit/s
95th percentile per-packet one-way delay: 57.329 ms
Loss rate: 0.48%
```

Run 5: Report of TCP Cubic — Data Link

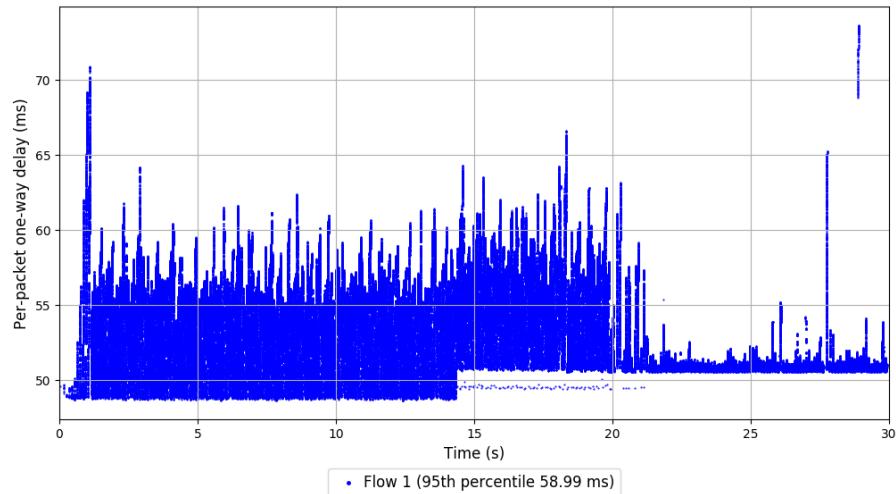
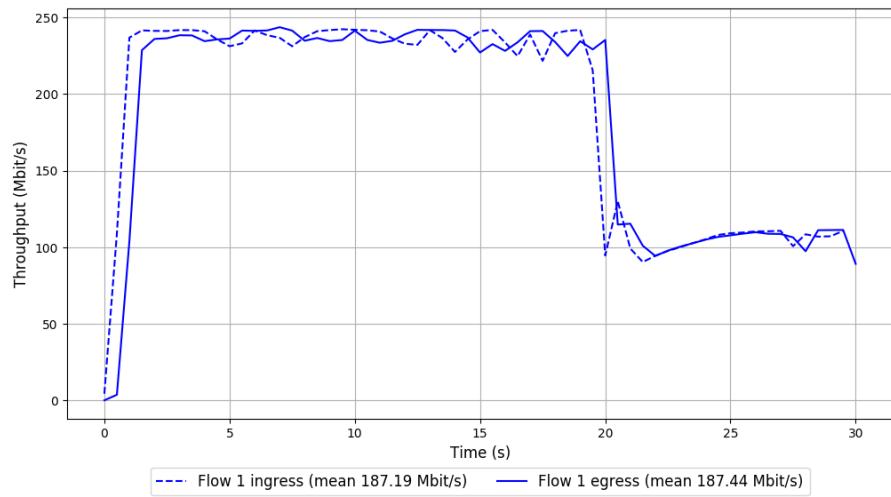


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-26 11:03:16
End at: 2018-05-26 11:03:46
Local clock offset: -0.187 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-05-26 12:52:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 187.44 Mbit/s
95th percentile per-packet one-way delay: 58.993 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 187.44 Mbit/s
95th percentile per-packet one-way delay: 58.993 ms
Loss rate: 0.20%
```

Run 6: Report of TCP Cubic — Data Link

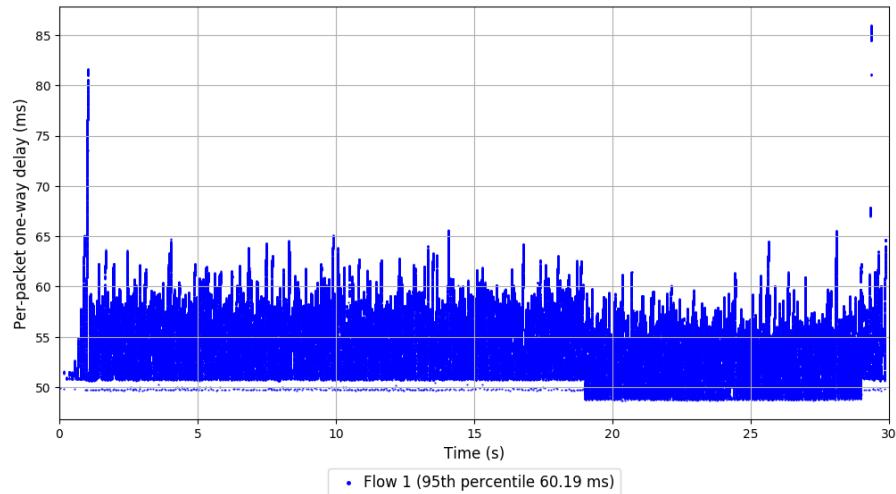
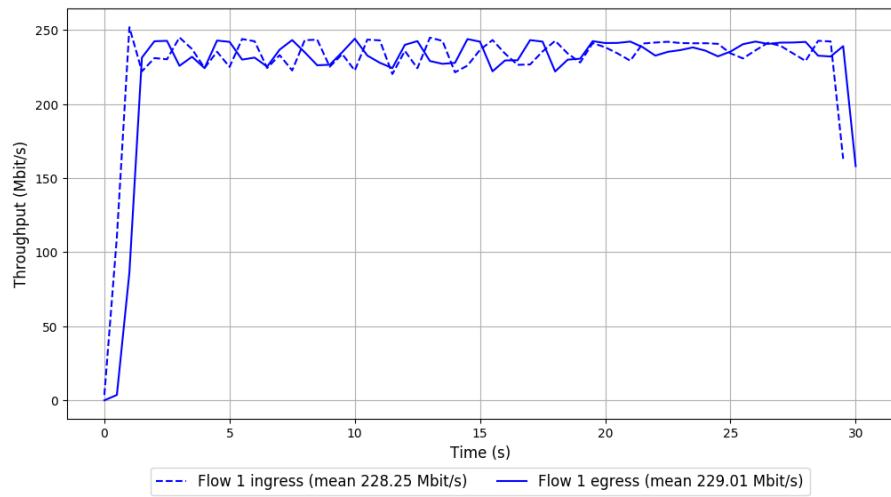


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-26 11:23:31
End at: 2018-05-26 11:24:01
Local clock offset: -0.111 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2018-05-26 12:53:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 229.01 Mbit/s
95th percentile per-packet one-way delay: 60.191 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 229.01 Mbit/s
95th percentile per-packet one-way delay: 60.191 ms
Loss rate: 0.21%
```

Run 7: Report of TCP Cubic — Data Link

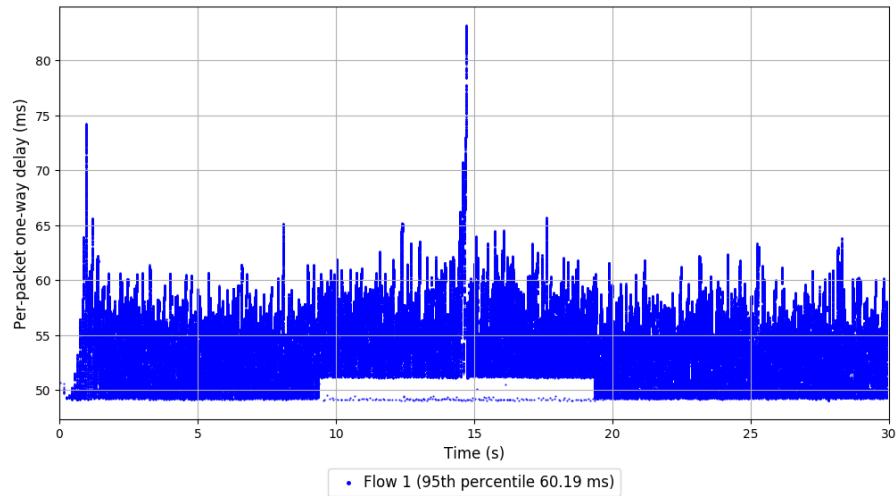
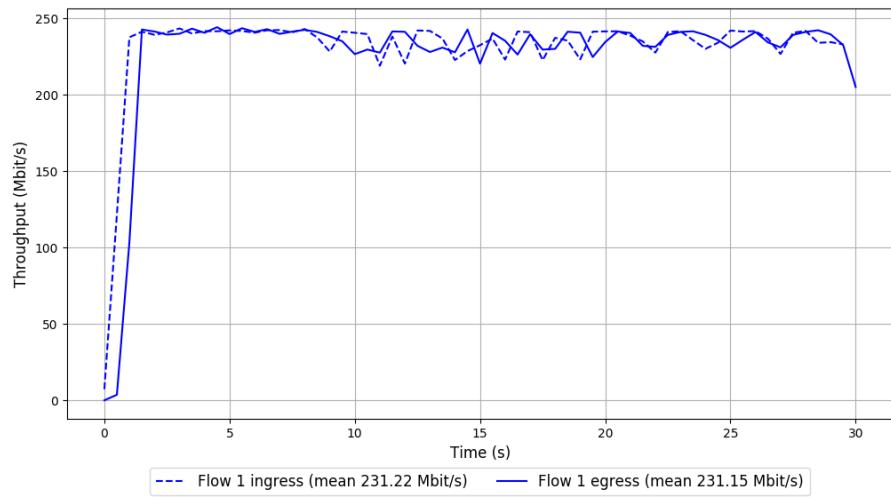


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-26 11:43:51
End at: 2018-05-26 11:44:21
Local clock offset: 0.231 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2018-05-26 12:53:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 231.15 Mbit/s
95th percentile per-packet one-way delay: 60.194 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 231.15 Mbit/s
95th percentile per-packet one-way delay: 60.194 ms
Loss rate: 0.35%
```

Run 8: Report of TCP Cubic — Data Link

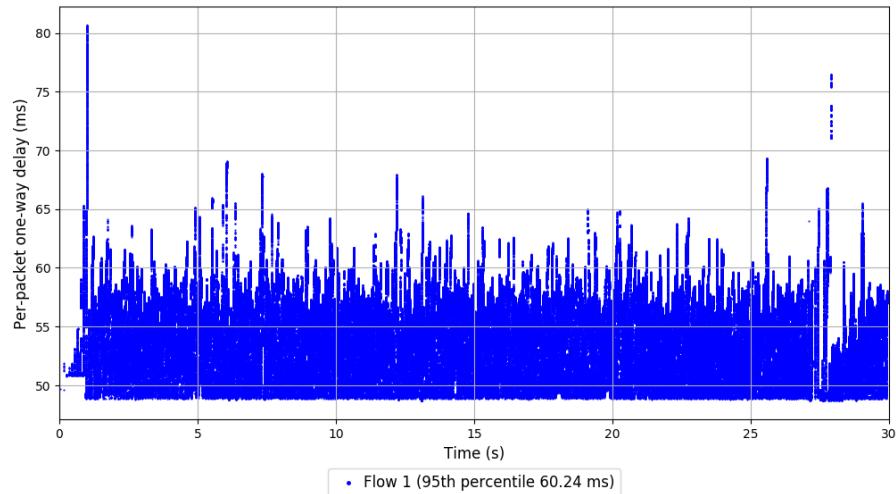
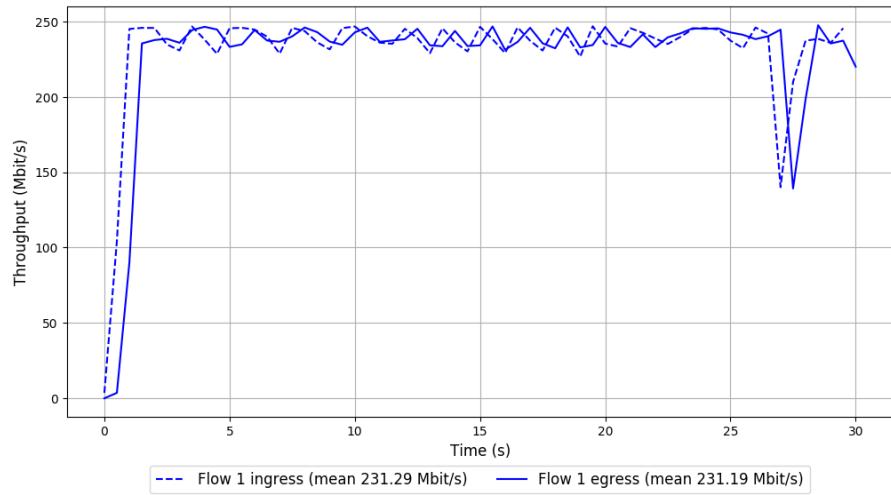


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-26 12:03:59
End at: 2018-05-26 12:04:29
Local clock offset: -0.169 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2018-05-26 12:53:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 231.19 Mbit/s
95th percentile per-packet one-way delay: 60.245 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 231.19 Mbit/s
95th percentile per-packet one-way delay: 60.245 ms
Loss rate: 0.35%
```

Run 9: Report of TCP Cubic — Data Link

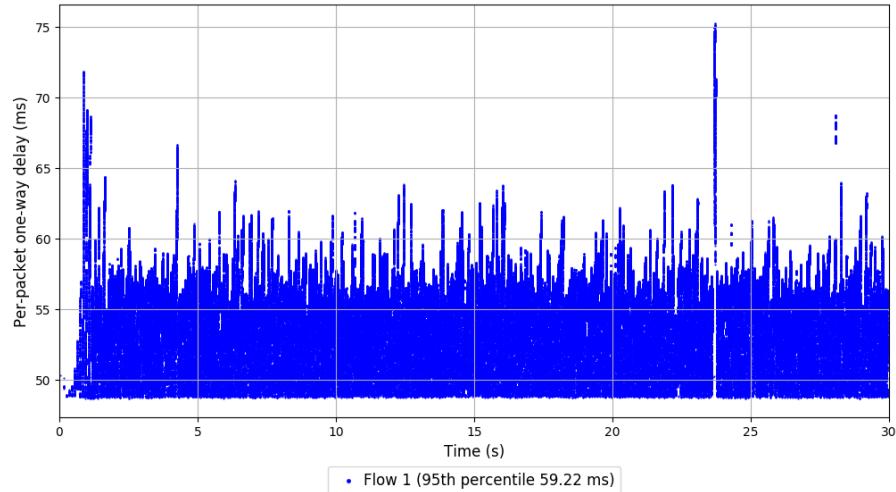
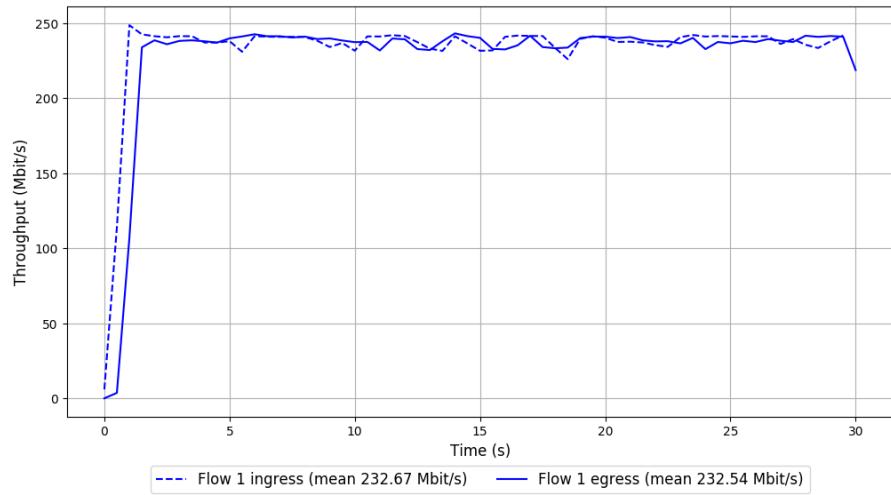


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-26 12:24:21
End at: 2018-05-26 12:24:51
Local clock offset: -0.209 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-05-26 12:53:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 232.54 Mbit/s
95th percentile per-packet one-way delay: 59.218 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 232.54 Mbit/s
95th percentile per-packet one-way delay: 59.218 ms
Loss rate: 0.34%
```

Run 10: Report of TCP Cubic — Data Link

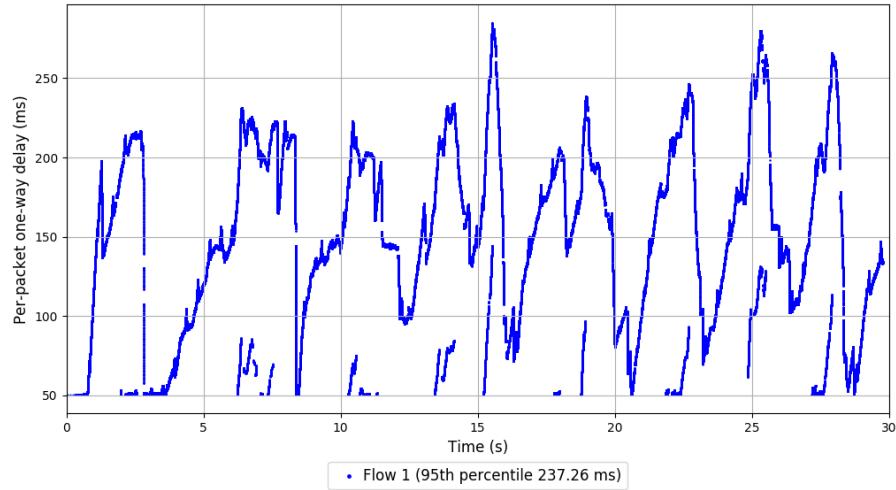
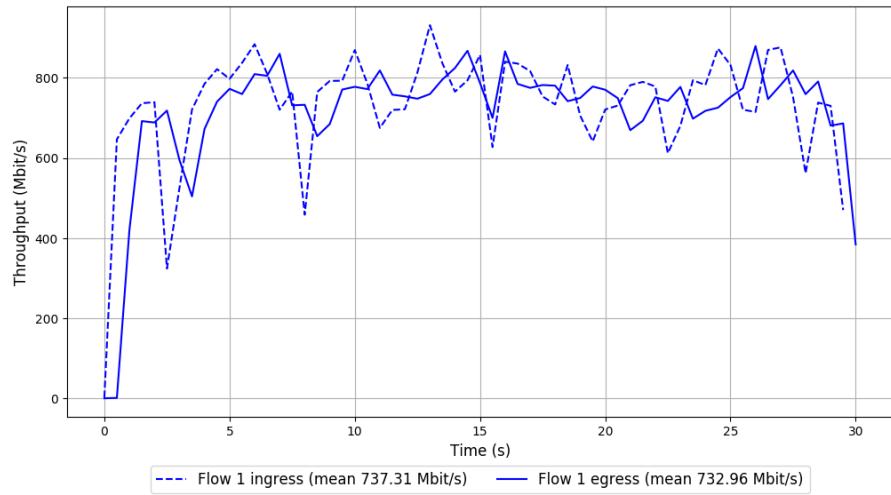


```
Run 1: Statistics of FillP

Start at: 2018-05-26 09:24:47
End at: 2018-05-26 09:25:17
Local clock offset: -0.232 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2018-05-26 13:05:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 732.96 Mbit/s
95th percentile per-packet one-way delay: 237.260 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 732.96 Mbit/s
95th percentile per-packet one-way delay: 237.260 ms
Loss rate: 0.92%
```

Run 1: Report of FillP — Data Link

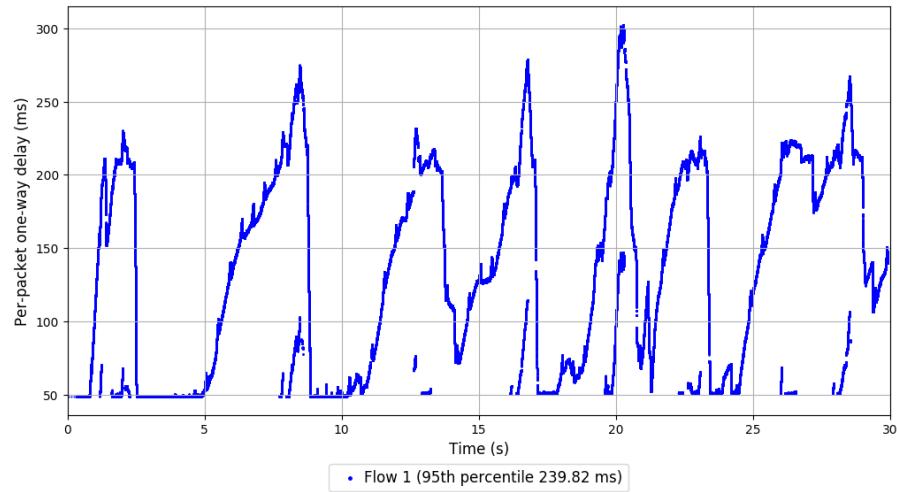
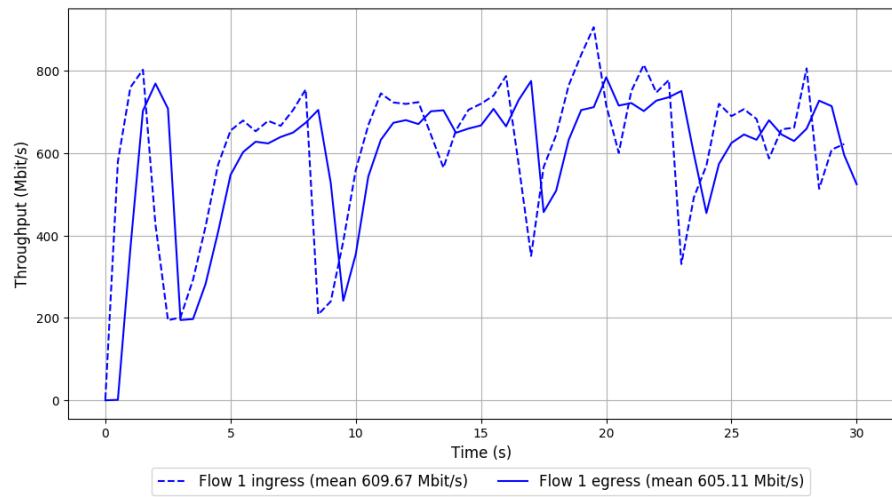


Run 2: Statistics of FillP

```
Start at: 2018-05-26 09:45:00
End at: 2018-05-26 09:45:30
Local clock offset: -0.162 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2018-05-26 13:05:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 605.11 Mbit/s
95th percentile per-packet one-way delay: 239.820 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 605.11 Mbit/s
95th percentile per-packet one-way delay: 239.820 ms
Loss rate: 1.08%
```

Run 2: Report of FillP — Data Link

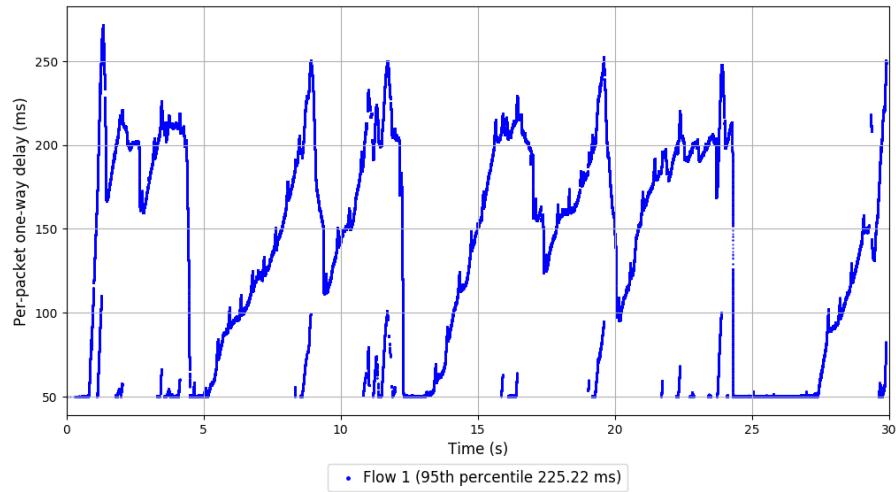
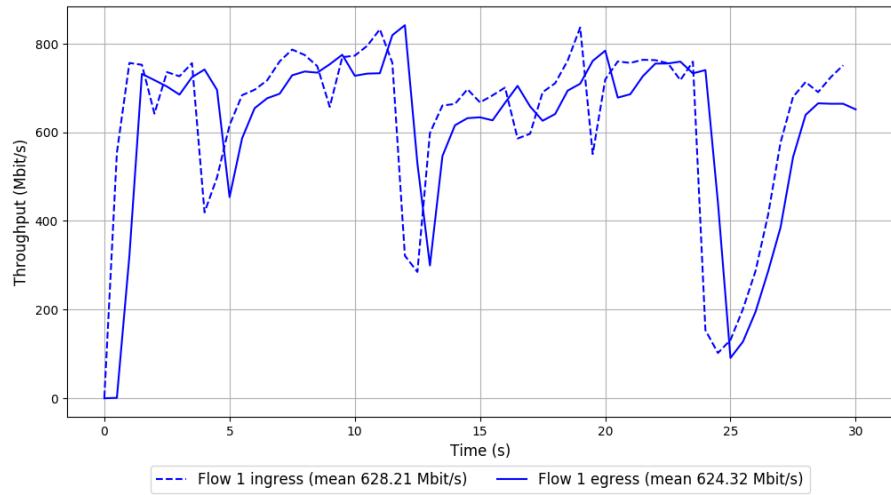


```
Run 3: Statistics of FillP
```

```
Start at: 2018-05-26 10:05:05
End at: 2018-05-26 10:05:35
Local clock offset: -0.219 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-05-26 13:05:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 624.32 Mbit/s
95th percentile per-packet one-way delay: 225.222 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 624.32 Mbit/s
95th percentile per-packet one-way delay: 225.222 ms
Loss rate: 0.95%
```

Run 3: Report of FillP — Data Link

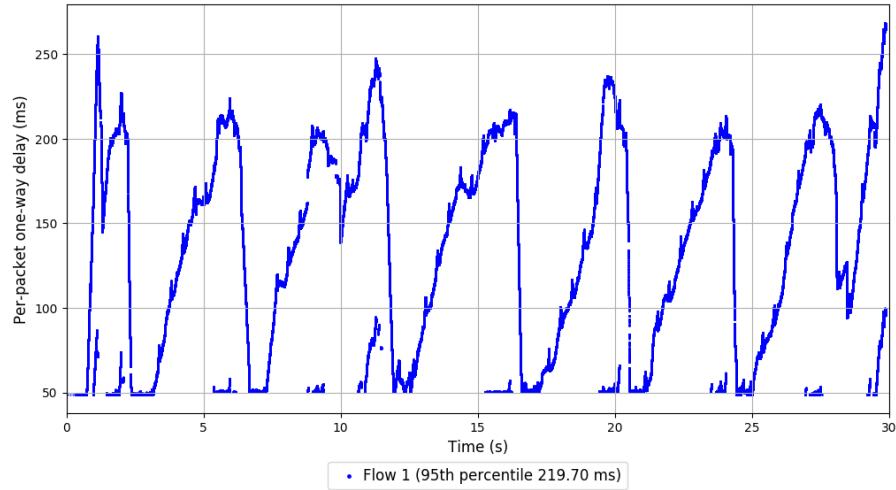
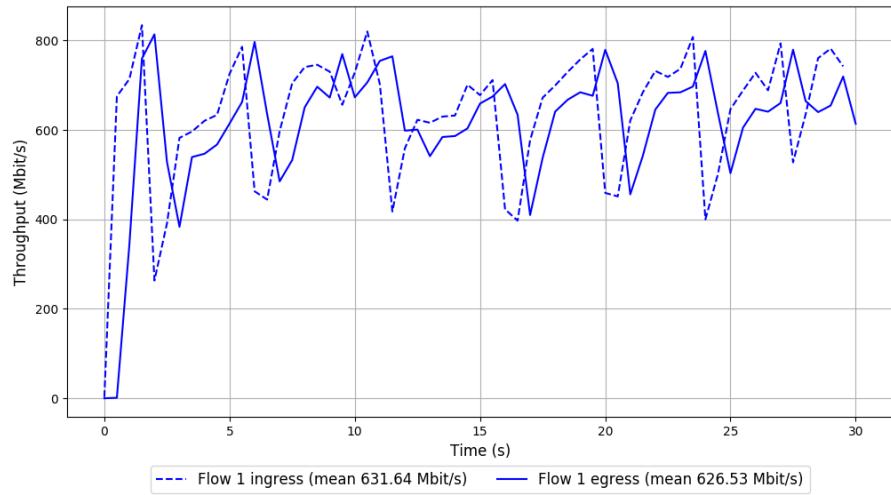


Run 4: Statistics of FillP

```
Start at: 2018-05-26 10:25:26
End at: 2018-05-26 10:25:56
Local clock offset: -0.222 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2018-05-26 13:05:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 626.53 Mbit/s
95th percentile per-packet one-way delay: 219.701 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 626.53 Mbit/s
95th percentile per-packet one-way delay: 219.701 ms
Loss rate: 1.14%
```

Run 4: Report of FillP — Data Link

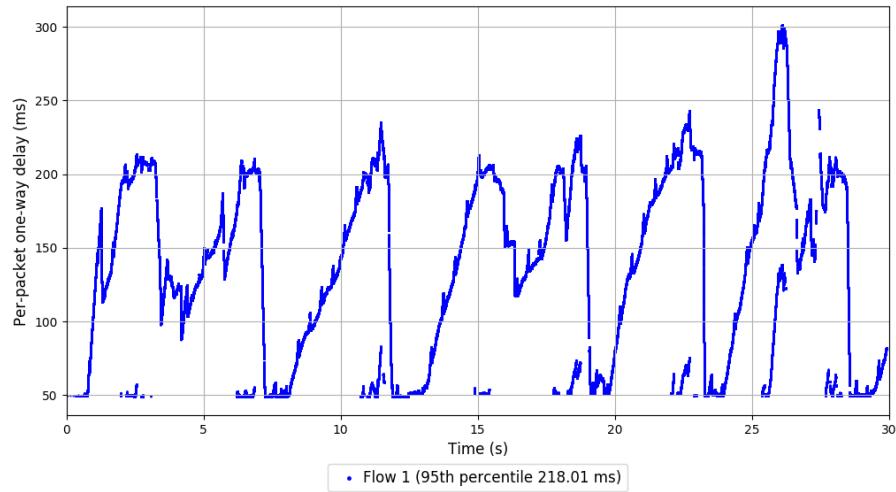
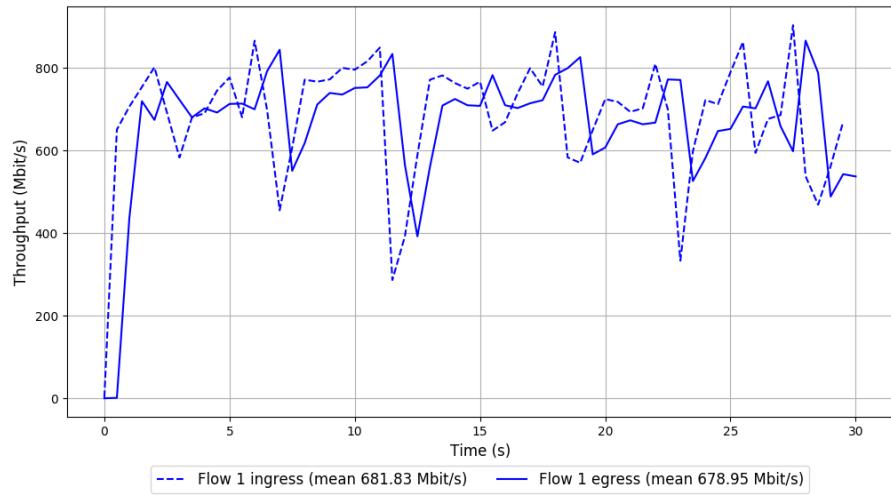


Run 5: Statistics of FillP

```
Start at: 2018-05-26 10:45:28
End at: 2018-05-26 10:45:58
Local clock offset: -0.274 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2018-05-26 13:06:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 678.95 Mbit/s
95th percentile per-packet one-way delay: 218.006 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 678.95 Mbit/s
95th percentile per-packet one-way delay: 218.006 ms
Loss rate: 0.76%
```

Run 5: Report of FillP — Data Link

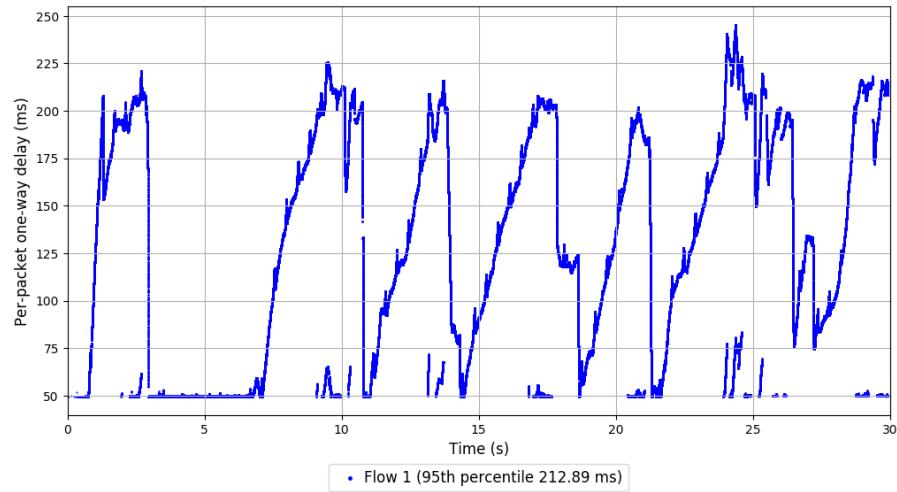
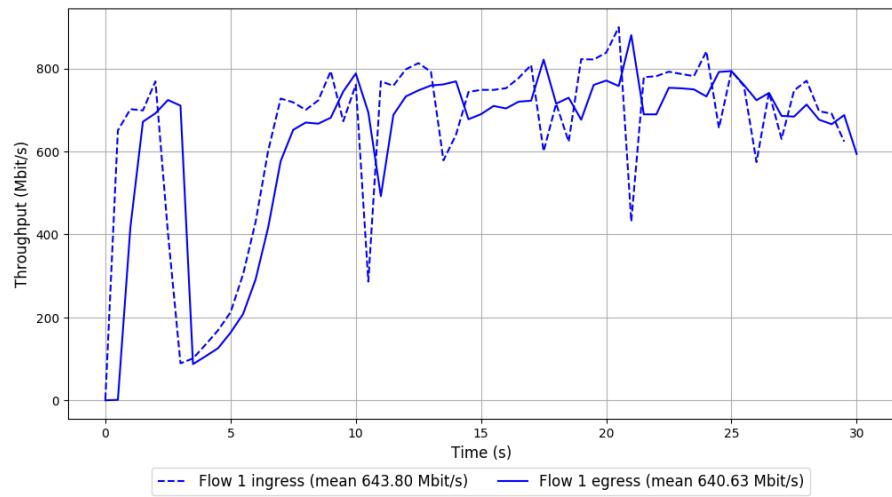


Run 6: Statistics of FillP

```
Start at: 2018-05-26 11:05:35
End at: 2018-05-26 11:06:05
Local clock offset: -0.133 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2018-05-26 13:06:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 640.63 Mbit/s
95th percentile per-packet one-way delay: 212.886 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 640.63 Mbit/s
95th percentile per-packet one-way delay: 212.886 ms
Loss rate: 0.82%
```

Run 6: Report of FillP — Data Link

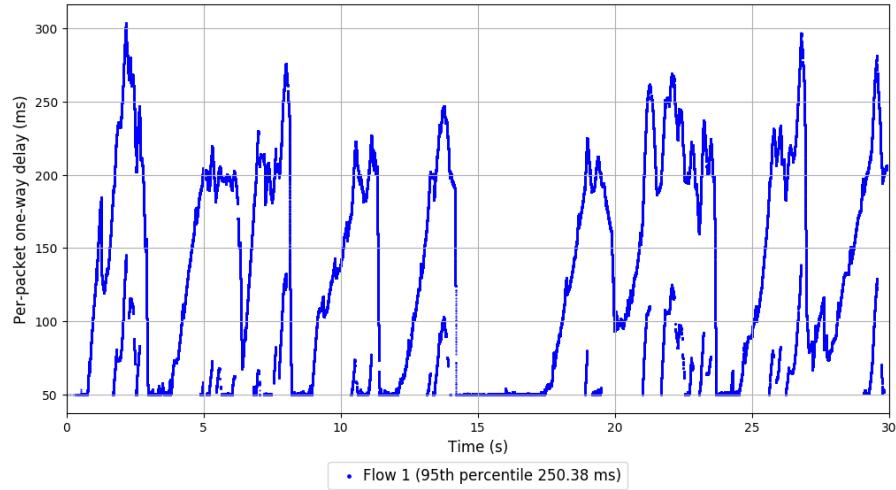
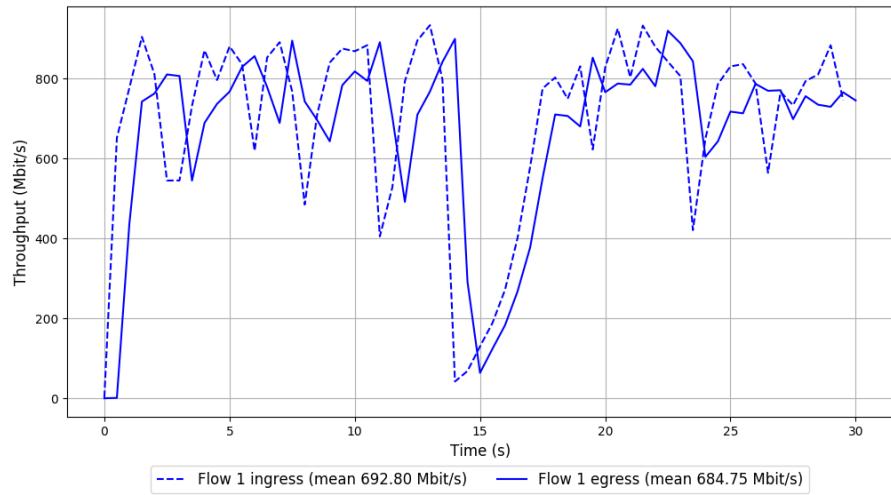


Run 7: Statistics of FillP

```
Start at: 2018-05-26 11:25:53
End at: 2018-05-26 11:26:23
Local clock offset: -0.469 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-05-26 13:06:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 684.75 Mbit/s
95th percentile per-packet one-way delay: 250.375 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 684.75 Mbit/s
95th percentile per-packet one-way delay: 250.375 ms
Loss rate: 1.49%
```

Run 7: Report of FillP — Data Link

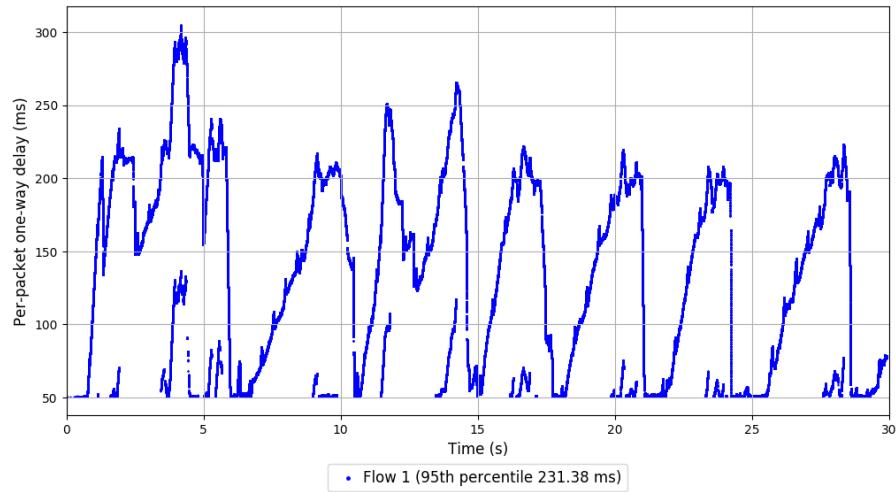
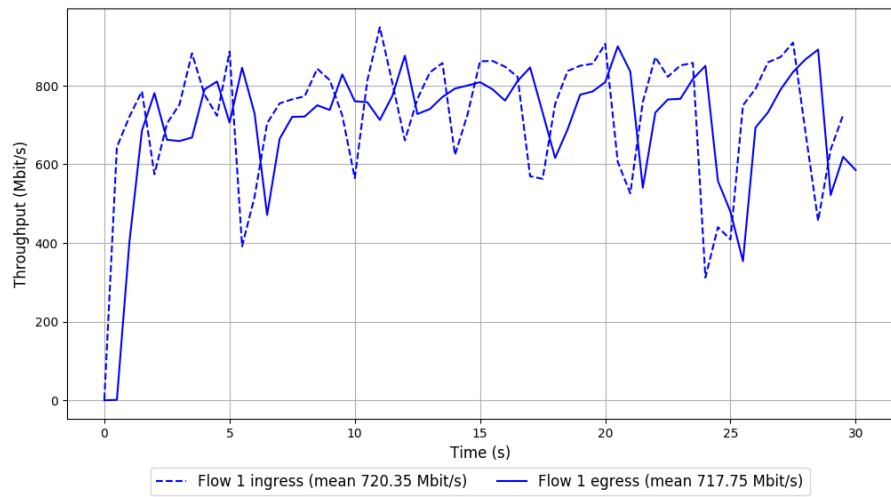


Run 8: Statistics of FillP

```
Start at: 2018-05-26 11:46:13
End at: 2018-05-26 11:46:43
Local clock offset: -0.158 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at 2018-05-26 13:07:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 717.75 Mbit/s
95th percentile per-packet one-way delay: 231.379 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 717.75 Mbit/s
95th percentile per-packet one-way delay: 231.379 ms
Loss rate: 0.70%
```

Run 8: Report of FillP — Data Link

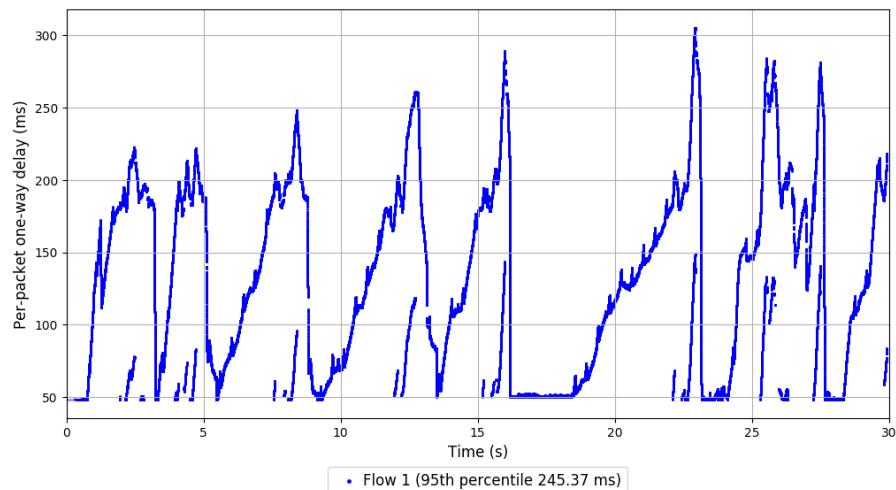
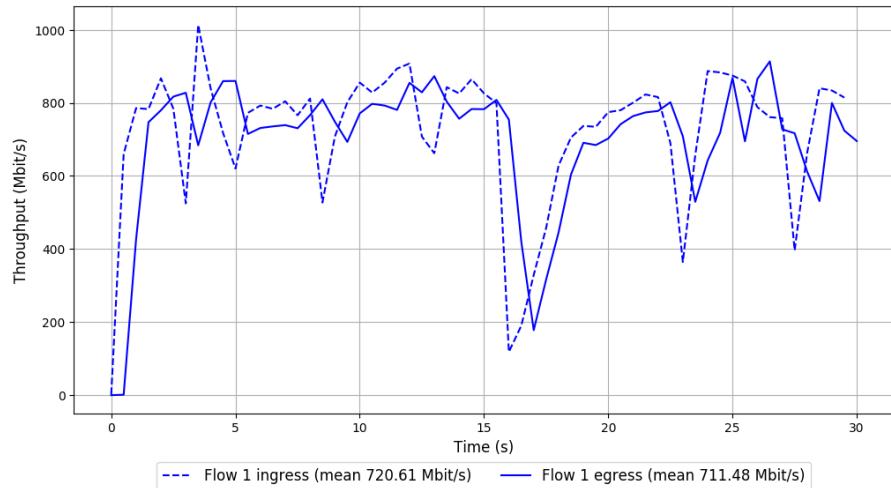


```
Run 9: Statistics of FillP
```

```
Start at: 2018-05-26 12:06:21
End at: 2018-05-26 12:06:51
Local clock offset: -0.553 ms
Remote clock offset: 0.002 ms

# Below is generated by plot.py at 2018-05-26 13:17:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 711.48 Mbit/s
95th percentile per-packet one-way delay: 245.371 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 711.48 Mbit/s
95th percentile per-packet one-way delay: 245.371 ms
Loss rate: 1.60%
```

Run 9: Report of FillP — Data Link

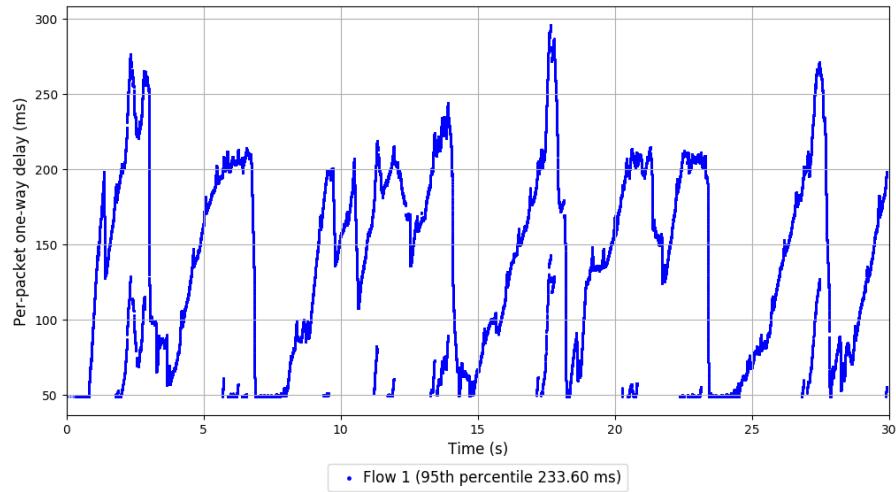
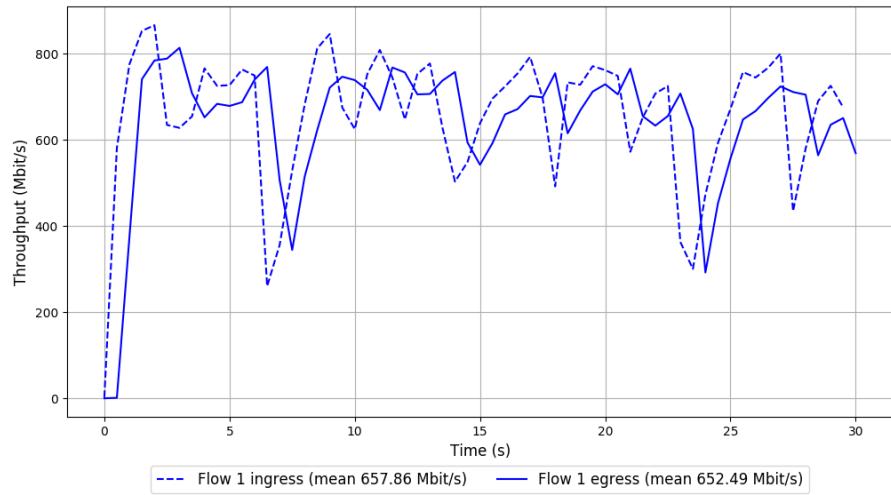


```
Run 10: Statistics of FillP
```

```
Start at: 2018-05-26 12:26:43
End at: 2018-05-26 12:27:13
Local clock offset: 0.192 ms
Remote clock offset: -0.093 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 652.49 Mbit/s
95th percentile per-packet one-way delay: 233.596 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 652.49 Mbit/s
95th percentile per-packet one-way delay: 233.596 ms
Loss rate: 1.15%
```

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo

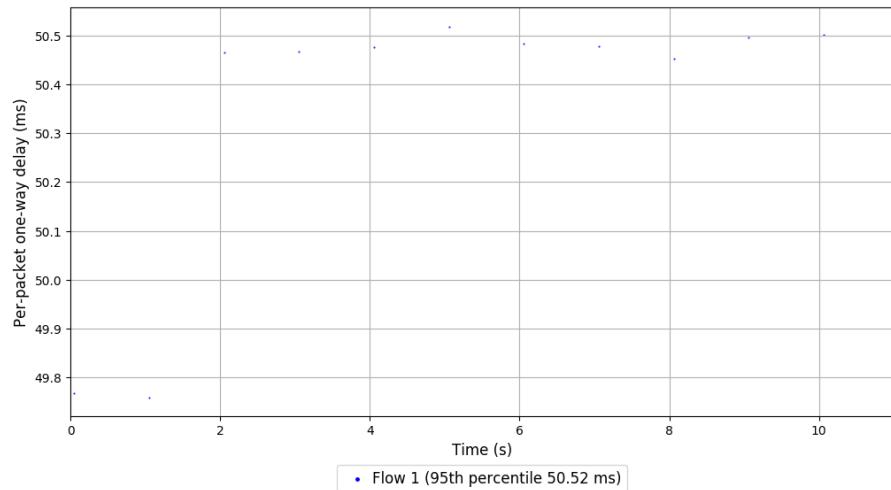
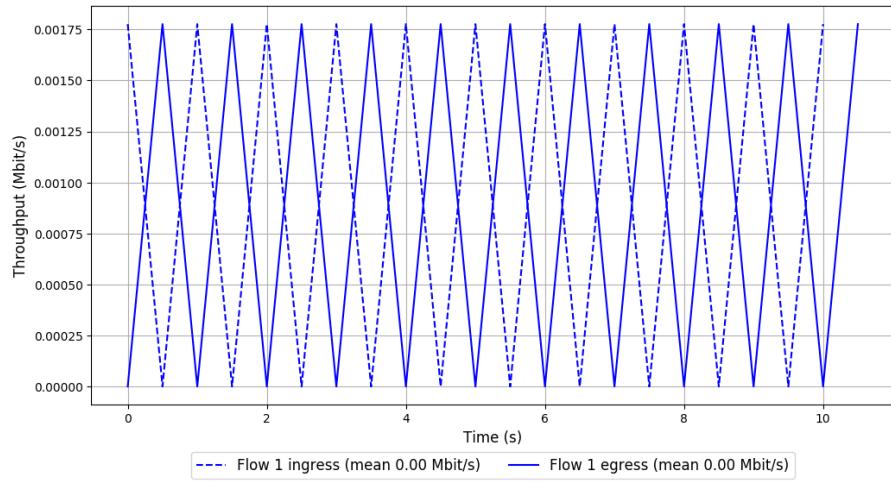
Start at: 2018-05-26 09:11:08

End at: 2018-05-26 09:11:38

Local clock offset: -0.33 ms

Remote clock offset: -0.032 ms

Run 1: Report of Indigo — Data Link

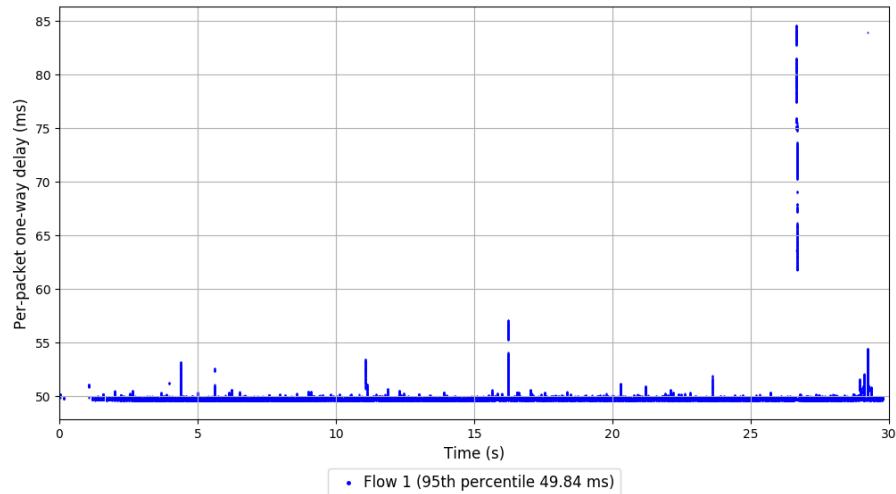
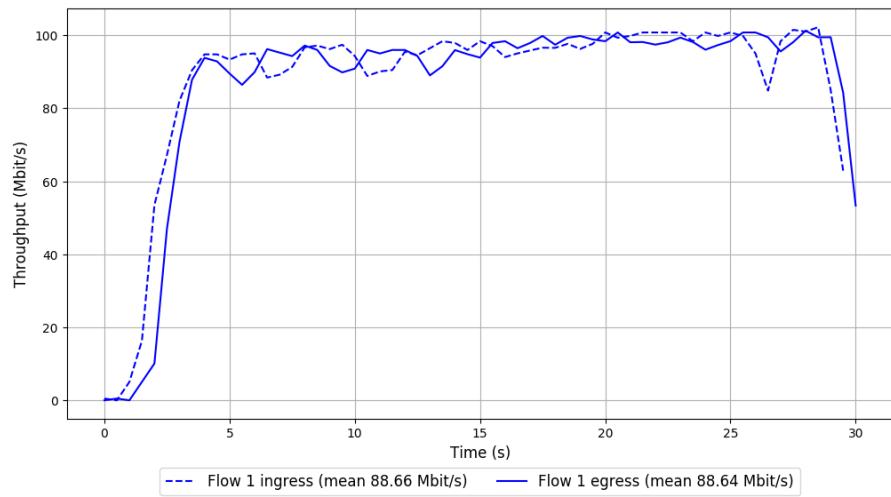


Run 2: Statistics of Indigo

```
Start at: 2018-05-26 09:31:18
End at: 2018-05-26 09:31:48
Local clock offset: -0.189 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 49.841 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 49.841 ms
Loss rate: 0.36%
```

Run 2: Report of Indigo — Data Link

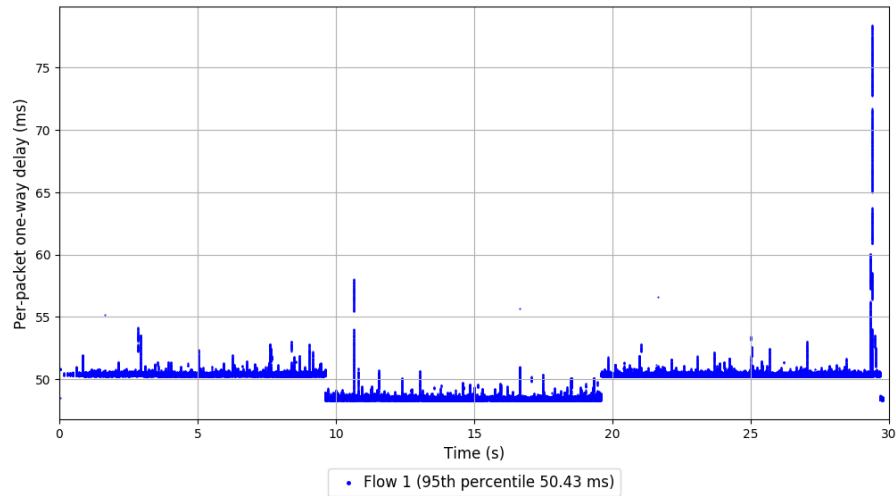
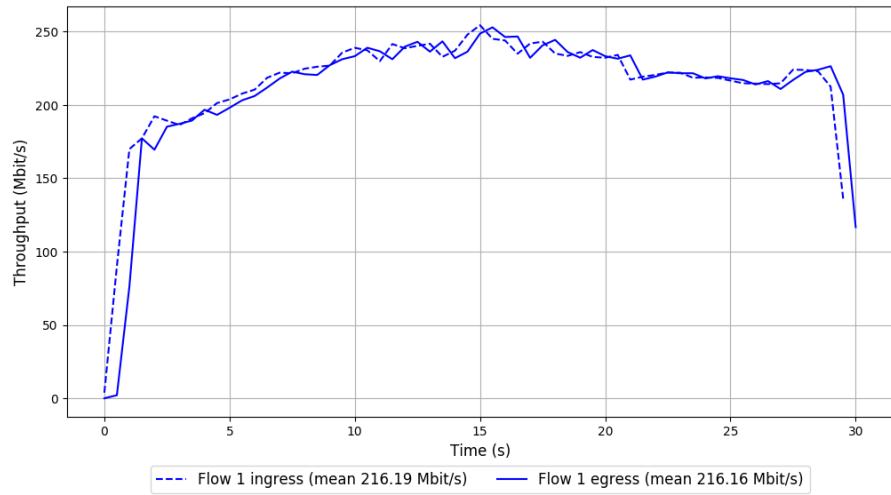


Run 3: Statistics of Indigo

```
Start at: 2018-05-26 09:51:21
End at: 2018-05-26 09:51:51
Local clock offset: -0.6 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 216.16 Mbit/s
95th percentile per-packet one-way delay: 50.431 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 216.16 Mbit/s
95th percentile per-packet one-way delay: 50.431 ms
Loss rate: 0.34%
```

Run 3: Report of Indigo — Data Link

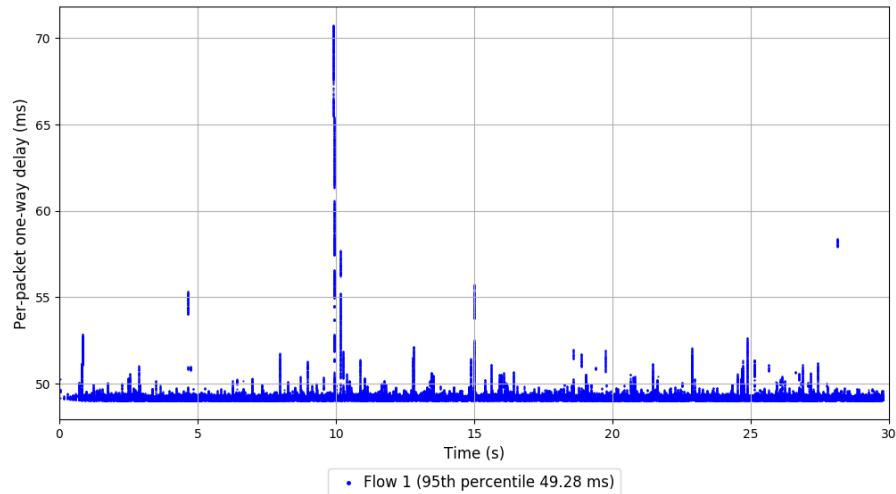
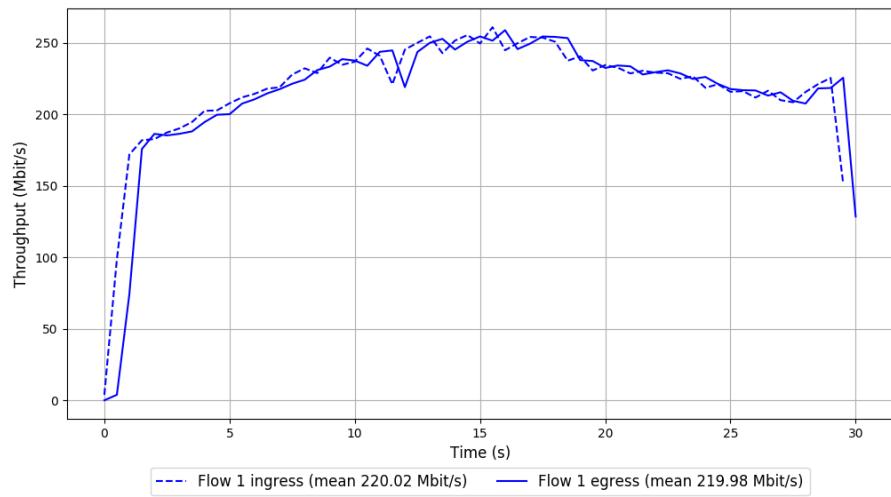


Run 4: Statistics of Indigo

```
Start at: 2018-05-26 10:11:35
End at: 2018-05-26 10:12:05
Local clock offset: 0.133 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.98 Mbit/s
95th percentile per-packet one-way delay: 49.281 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 219.98 Mbit/s
95th percentile per-packet one-way delay: 49.281 ms
Loss rate: 0.35%
```

Run 4: Report of Indigo — Data Link

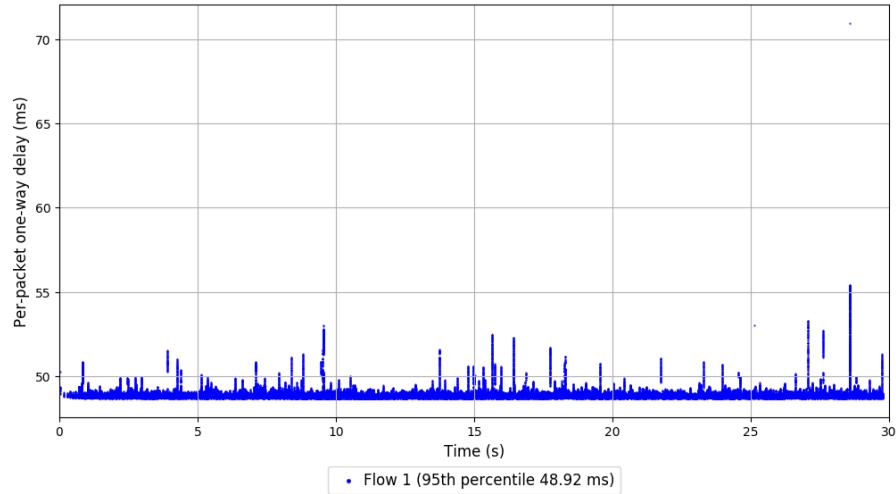
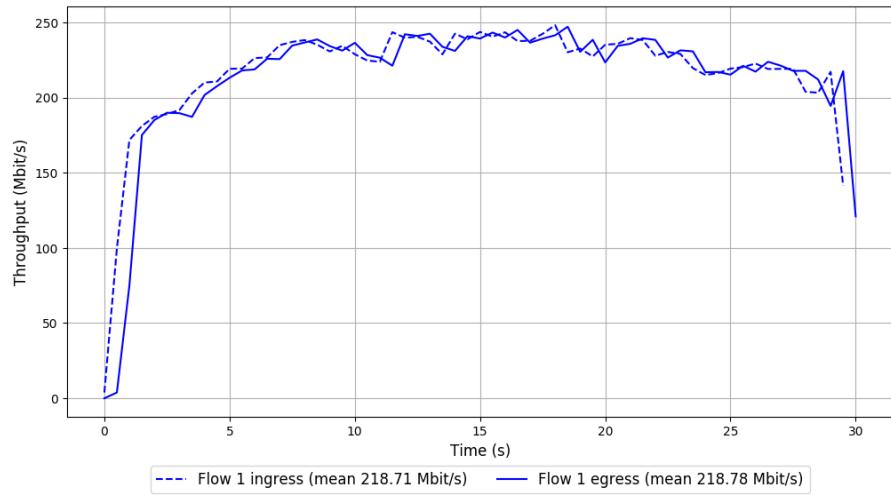


Run 5: Statistics of Indigo

```
Start at: 2018-05-26 10:31:52
End at: 2018-05-26 10:32:22
Local clock offset: -0.22 ms
Remote clock offset: -0.005 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.78 Mbit/s
95th percentile per-packet one-way delay: 48.917 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 218.78 Mbit/s
95th percentile per-packet one-way delay: 48.917 ms
Loss rate: 0.34%
```

Run 5: Report of Indigo — Data Link

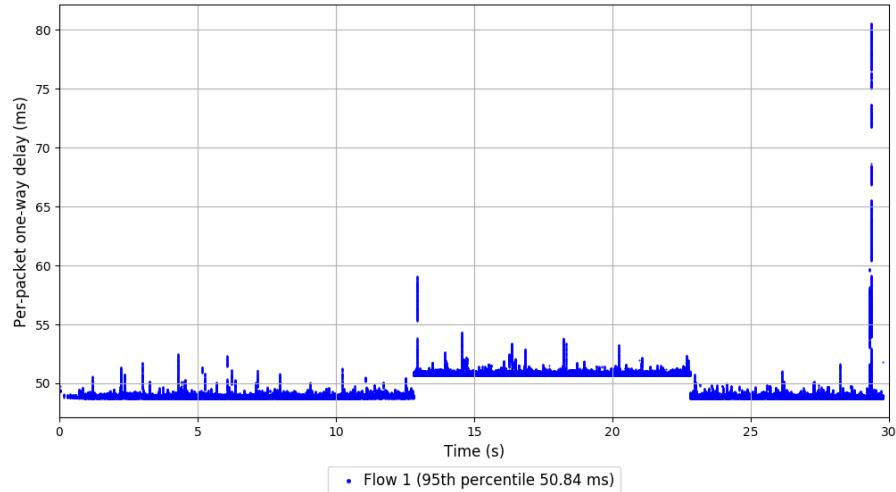
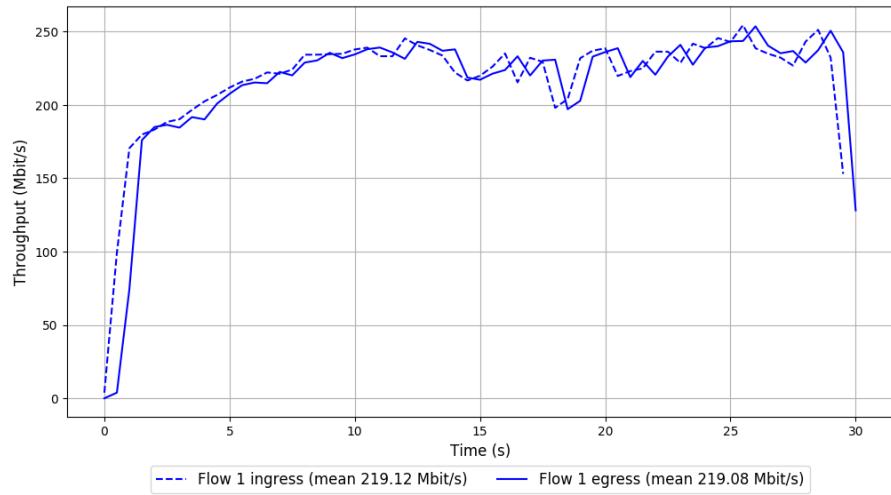


Run 6: Statistics of Indigo

```
Start at: 2018-05-26 10:51:47
End at: 2018-05-26 10:52:17
Local clock offset: -0.212 ms
Remote clock offset: 0.03 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.08 Mbit/s
95th percentile per-packet one-way delay: 50.839 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 219.08 Mbit/s
95th percentile per-packet one-way delay: 50.839 ms
Loss rate: 0.34%
```

Run 6: Report of Indigo — Data Link

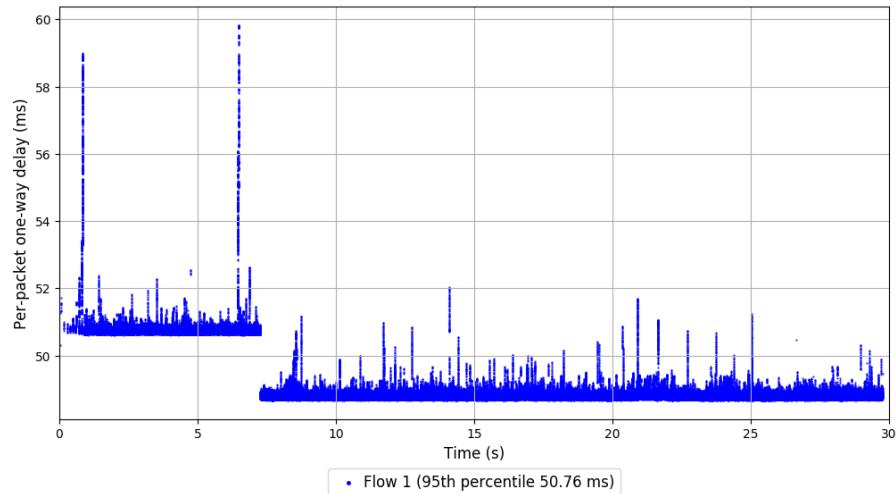
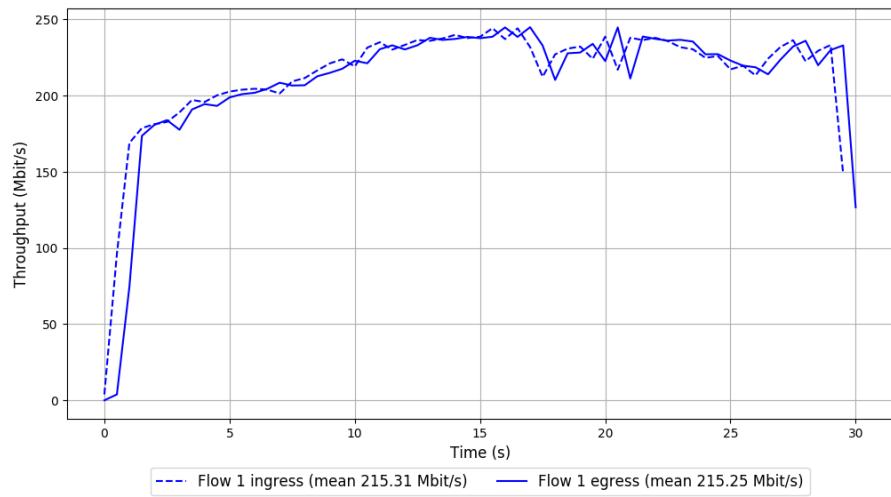


Run 7: Statistics of Indigo

```
Start at: 2018-05-26 11:12:03
End at: 2018-05-26 11:12:33
Local clock offset: -0.094 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.25 Mbit/s
95th percentile per-packet one-way delay: 50.763 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 215.25 Mbit/s
95th percentile per-packet one-way delay: 50.763 ms
Loss rate: 0.36%
```

Run 7: Report of Indigo — Data Link

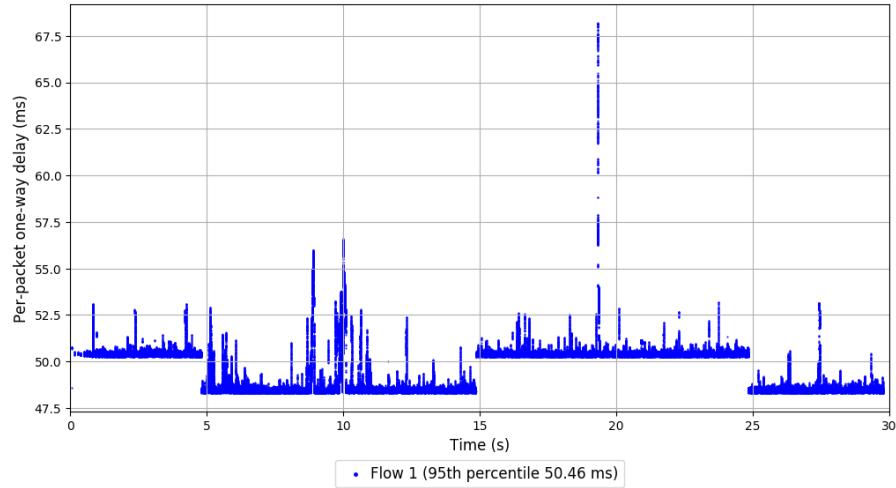
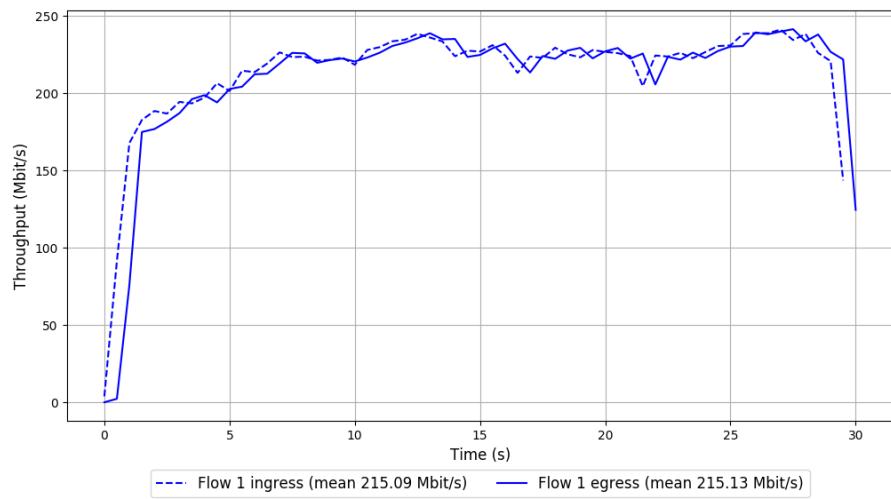


Run 8: Statistics of Indigo

```
Start at: 2018-05-26 11:32:25
End at: 2018-05-26 11:32:55
Local clock offset: -0.466 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.13 Mbit/s
95th percentile per-packet one-way delay: 50.463 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 215.13 Mbit/s
95th percentile per-packet one-way delay: 50.463 ms
Loss rate: 0.32%
```

Run 8: Report of Indigo — Data Link

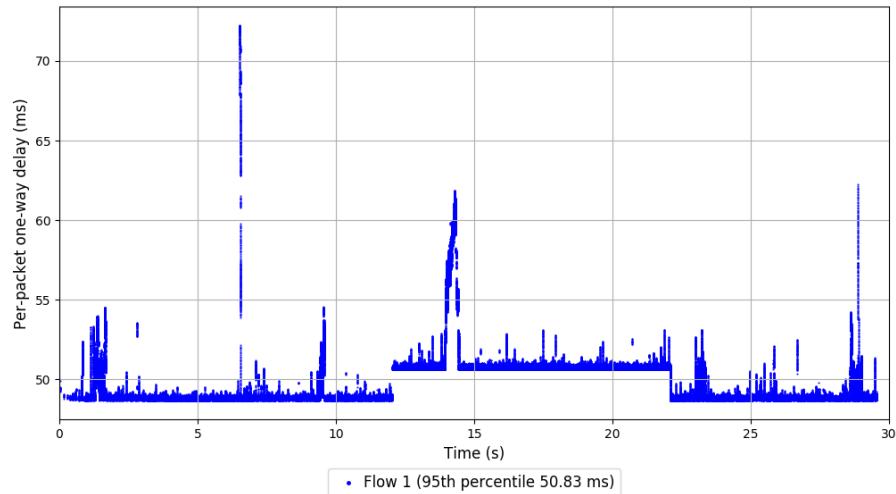
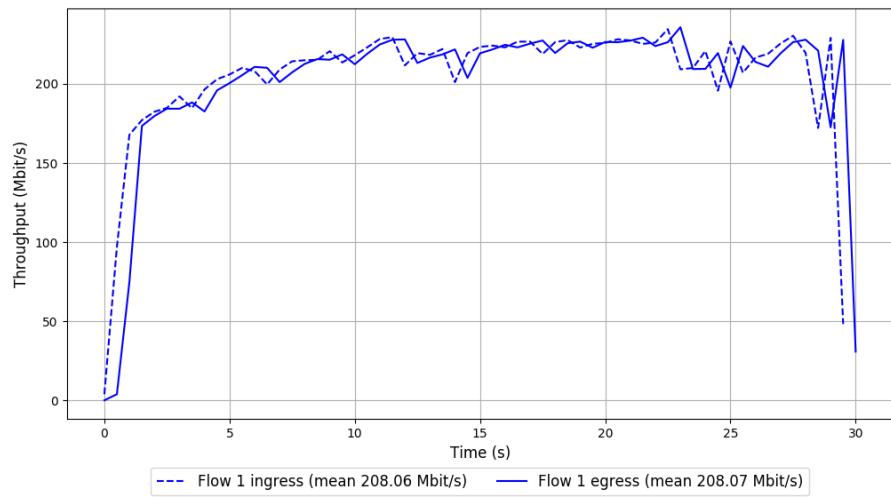


Run 9: Statistics of Indigo

```
Start at: 2018-05-26 11:52:38
End at: 2018-05-26 11:53:08
Local clock offset: -0.131 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 208.07 Mbit/s
95th percentile per-packet one-way delay: 50.833 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 208.07 Mbit/s
95th percentile per-packet one-way delay: 50.833 ms
Loss rate: 0.33%
```

Run 9: Report of Indigo — Data Link

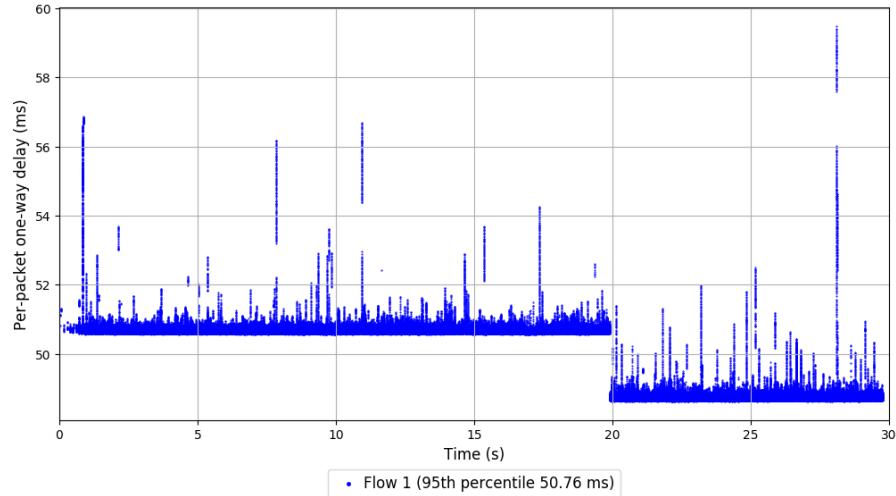
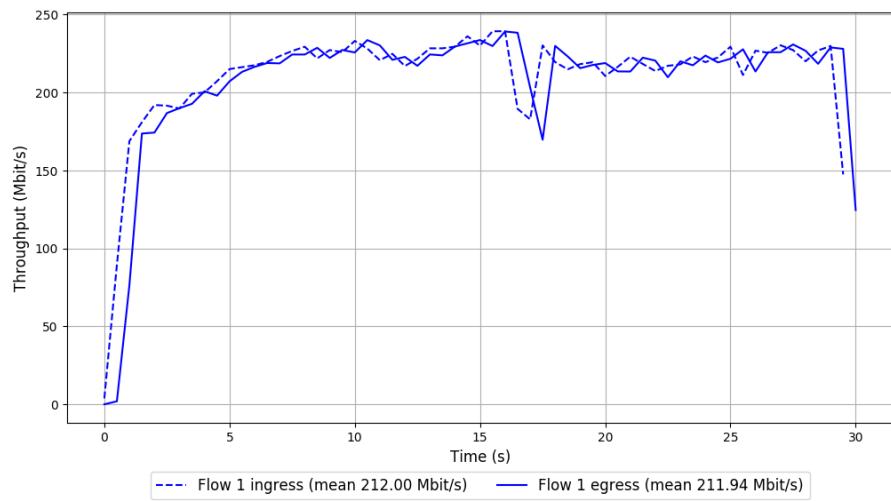


Run 10: Statistics of Indigo

```
Start at: 2018-05-26 12:12:50
End at: 2018-05-26 12:13:20
Local clock offset: -0.231 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 211.94 Mbit/s
95th percentile per-packet one-way delay: 50.757 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 211.94 Mbit/s
95th percentile per-packet one-way delay: 50.757 ms
Loss rate: 0.37%
```

Run 10: Report of Indigo — Data Link

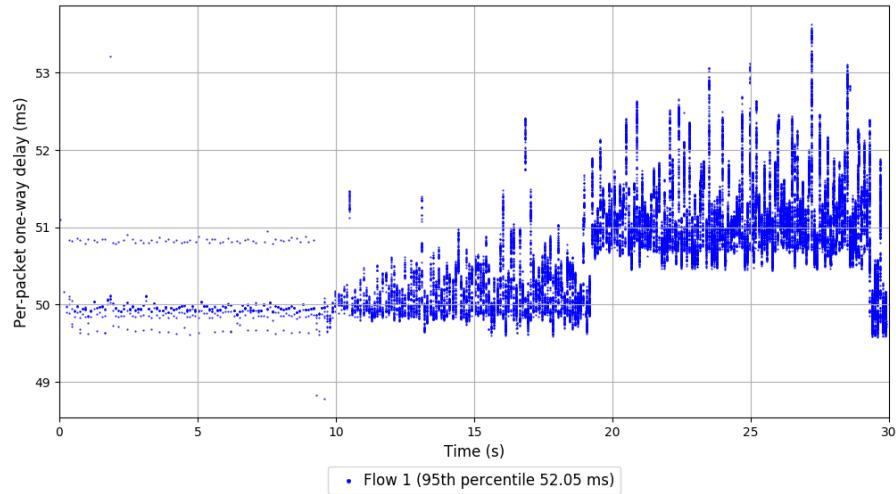
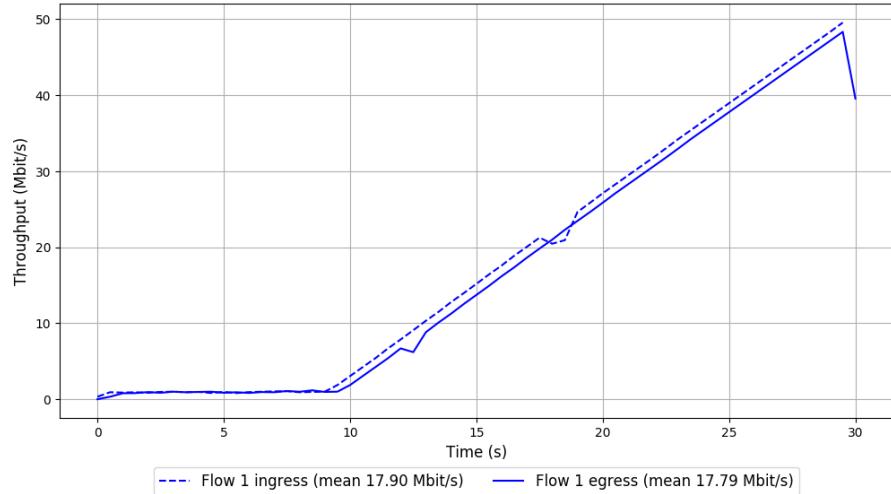


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-05-26 09:10:01
End at: 2018-05-26 09:10:31
Local clock offset: -0.354 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.79 Mbit/s
95th percentile per-packet one-way delay: 52.051 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 17.79 Mbit/s
95th percentile per-packet one-way delay: 52.051 ms
Loss rate: 0.93%
```

Run 1: Report of LEDBAT — Data Link

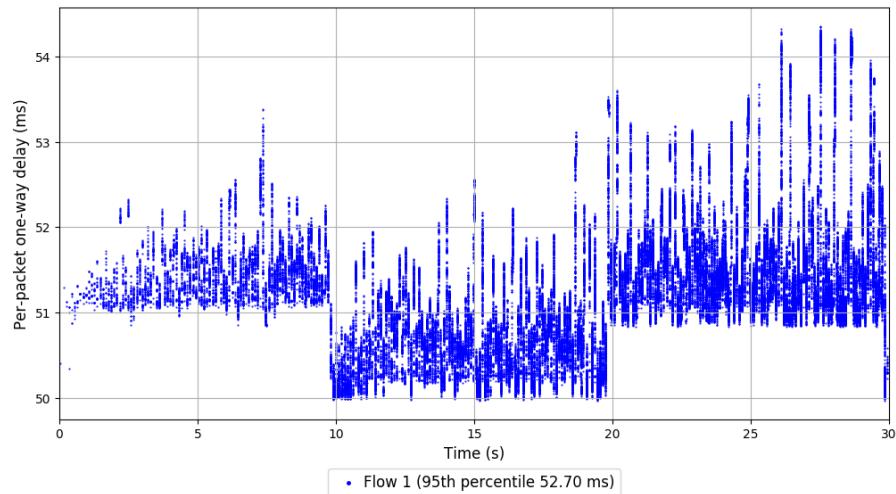
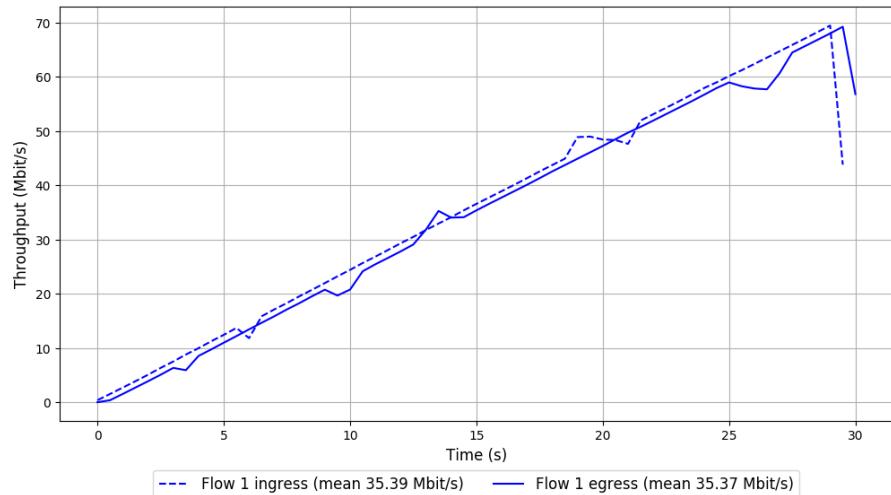


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-26 09:30:10
End at: 2018-05-26 09:30:40
Local clock offset: 0.189 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 52.705 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 52.705 ms
Loss rate: 0.05%
```

Run 2: Report of LEDBAT — Data Link

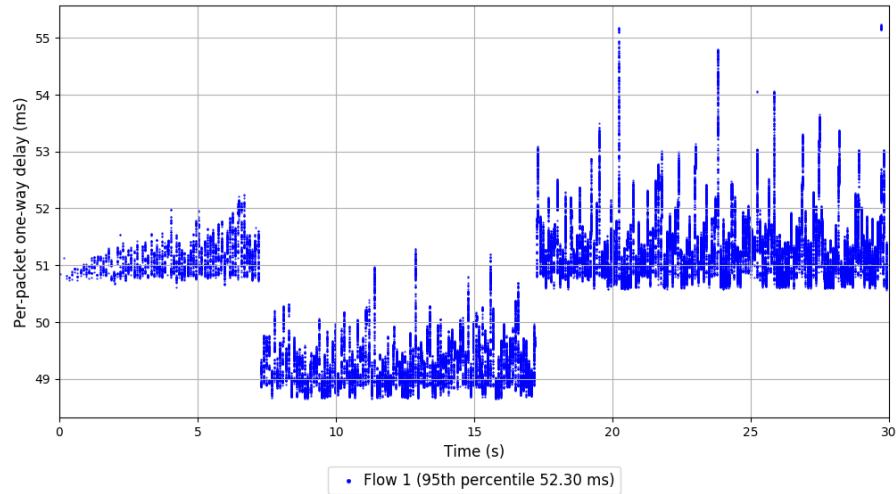
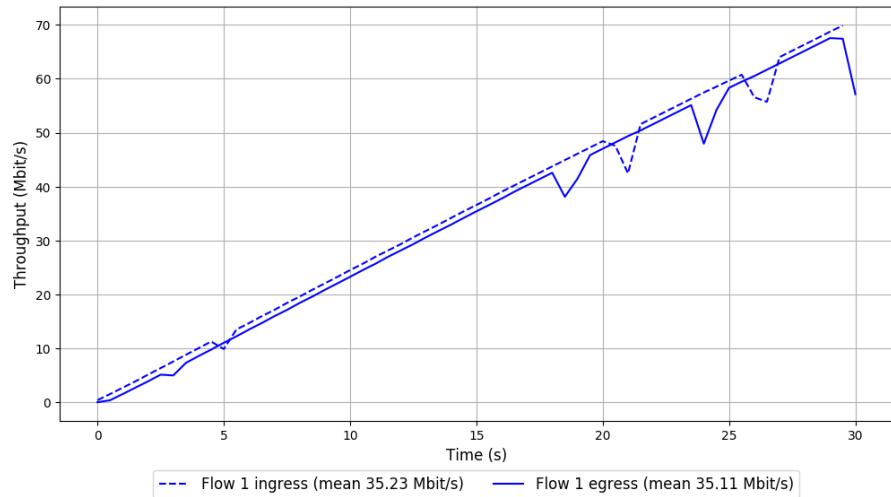


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-26 09:50:13
End at: 2018-05-26 09:50:43
Local clock offset: -0.242 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 52.300 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 52.300 ms
Loss rate: 0.67%
```

Run 3: Report of LEDBAT — Data Link

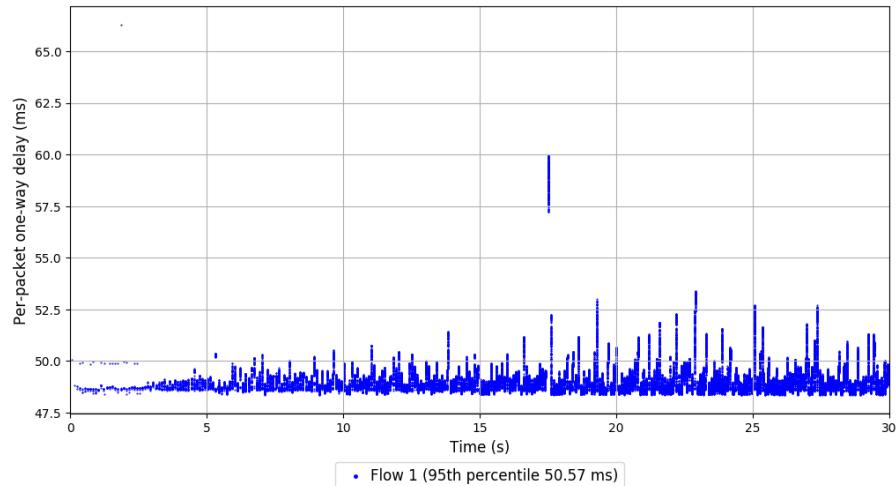
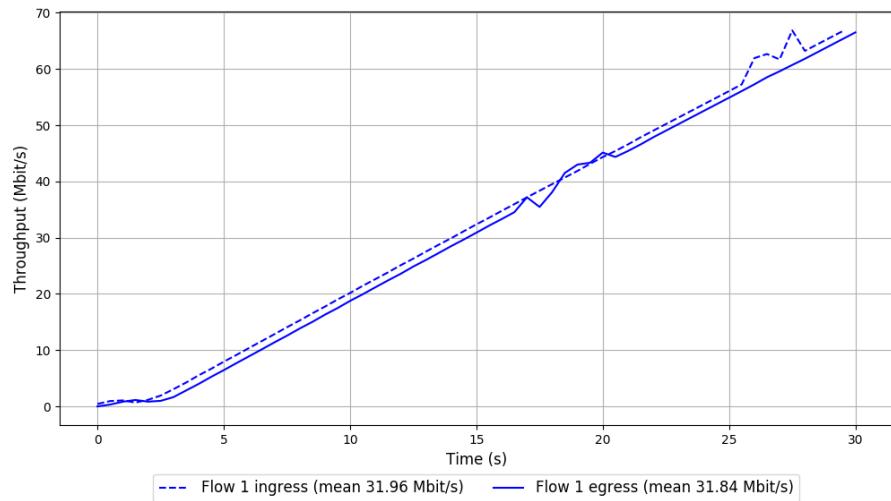


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-26 10:10:27
End at: 2018-05-26 10:10:57
Local clock offset: -0.569 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 50.574 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 50.574 ms
Loss rate: 0.70%
```

Run 4: Report of LEDBAT — Data Link

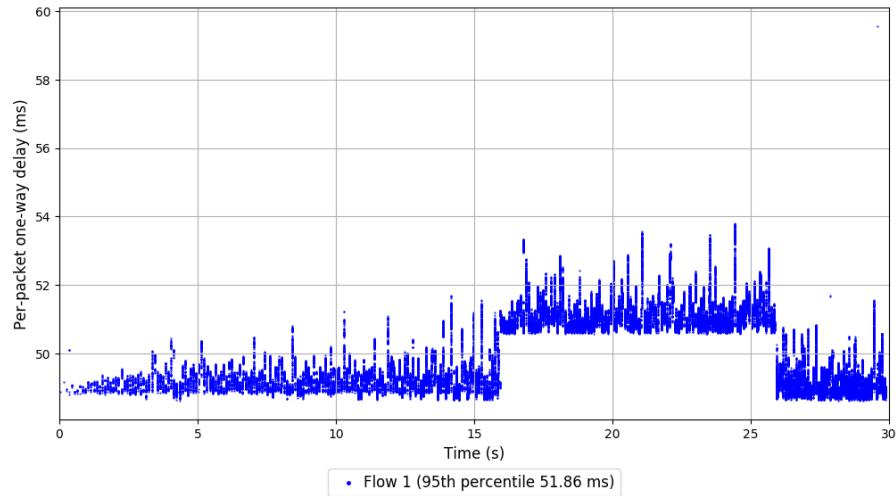
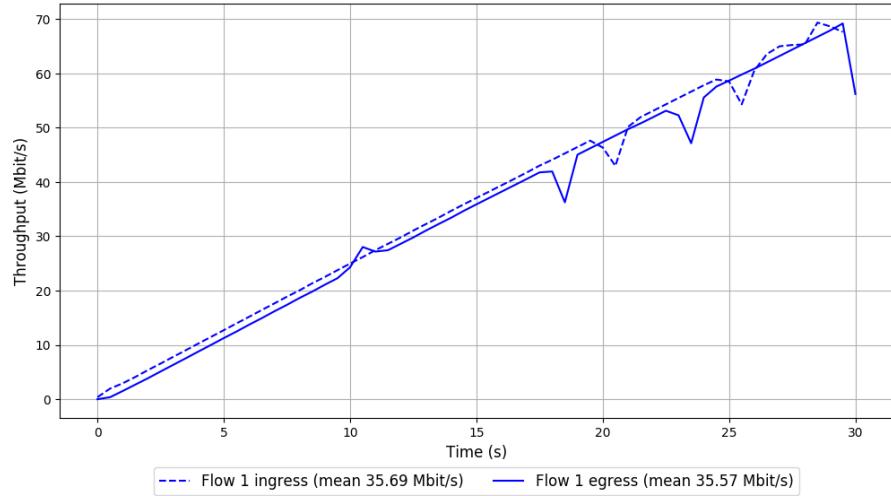


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-26 10:30:44
End at: 2018-05-26 10:31:14
Local clock offset: -0.269 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 51.856 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 51.856 ms
Loss rate: 0.66%
```

Run 5: Report of LEDBAT — Data Link

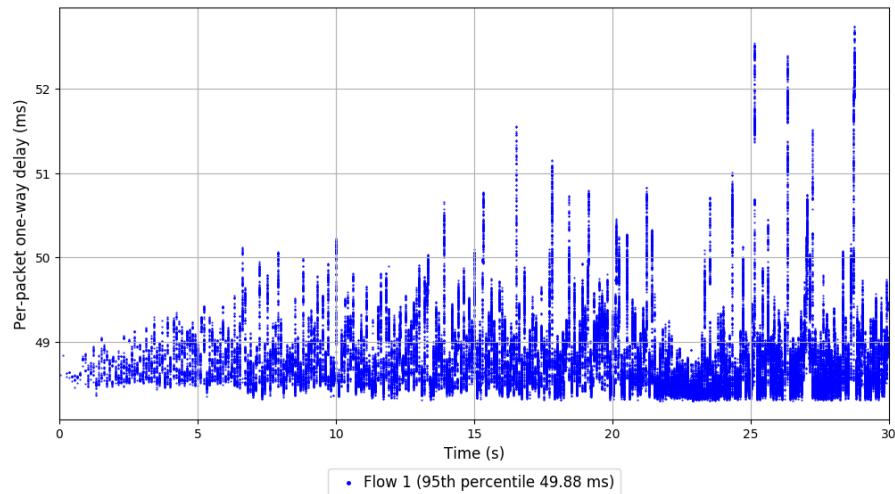
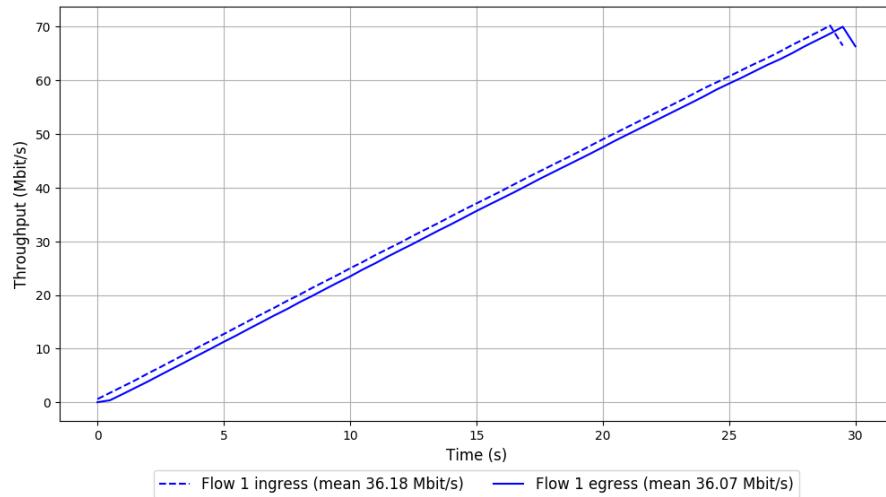


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-26 10:50:40
End at: 2018-05-26 10:51:10
Local clock offset: -0.607 ms
Remote clock offset: 0.024 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.07 Mbit/s
95th percentile per-packet one-way delay: 49.883 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 36.07 Mbit/s
95th percentile per-packet one-way delay: 49.883 ms
Loss rate: 0.66%
```

Run 6: Report of LEDBAT — Data Link

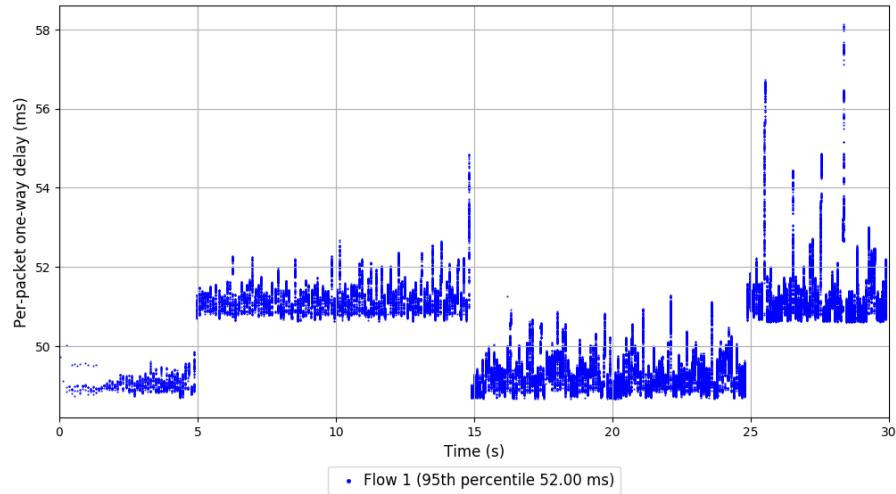
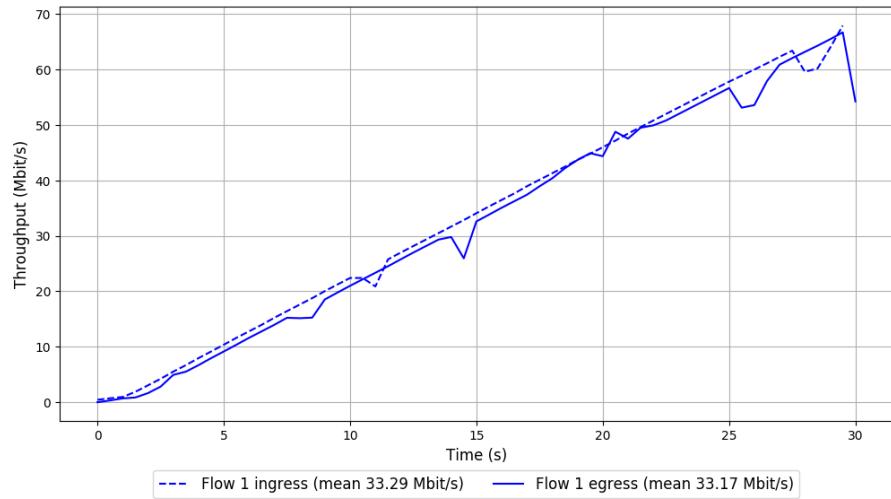


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-26 11:10:55
End at: 2018-05-26 11:11:25
Local clock offset: -0.139 ms
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 52.000 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 52.000 ms
Loss rate: 0.69%
```

Run 7: Report of LEDBAT — Data Link

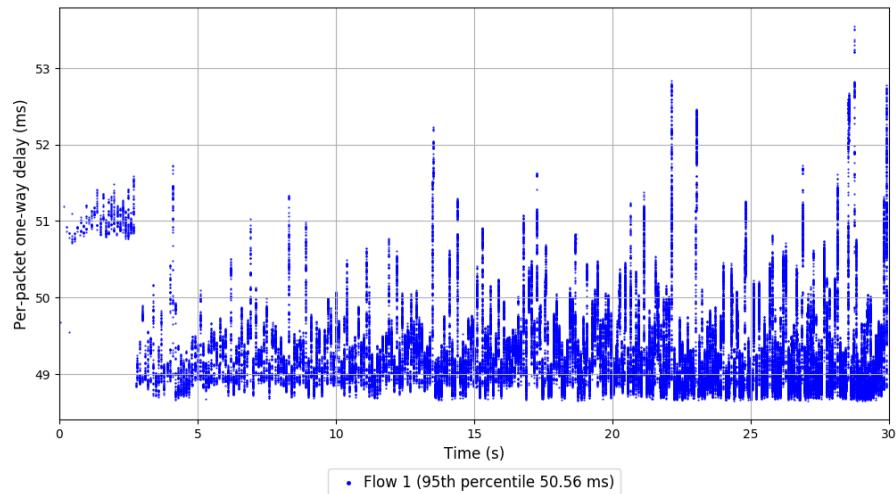
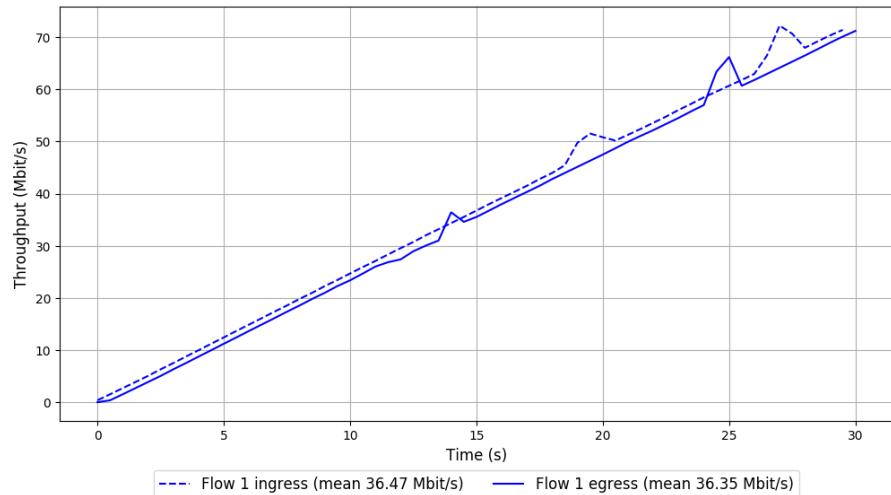


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-26 11:31:18
End at: 2018-05-26 11:31:48
Local clock offset: -0.106 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 50.559 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 50.559 ms
Loss rate: 0.66%
```

Run 8: Report of LEDBAT — Data Link

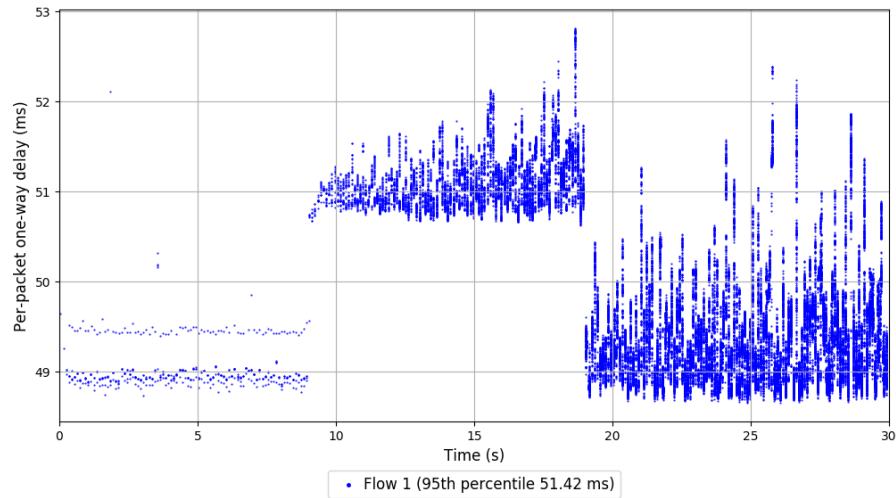
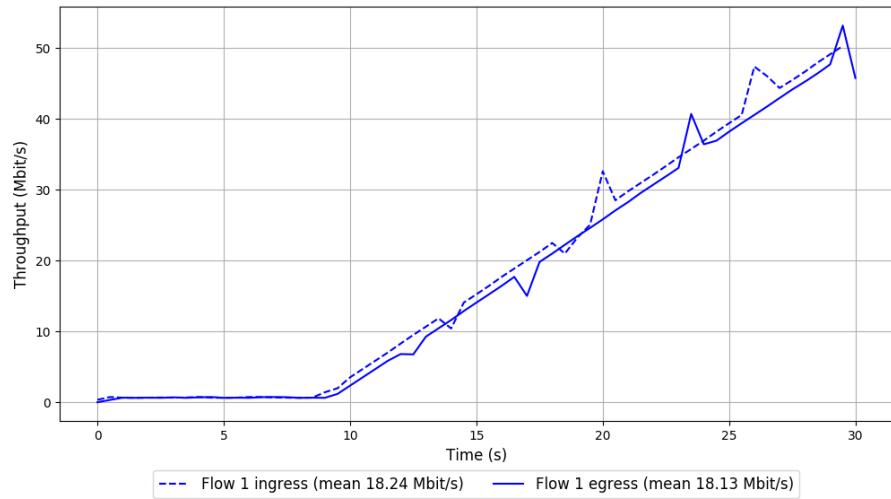


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-26 11:51:31
End at: 2018-05-26 11:52:01
Local clock offset: -0.168 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 51.422 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 51.422 ms
Loss rate: 0.93%
```

Run 9: Report of LEDBAT — Data Link

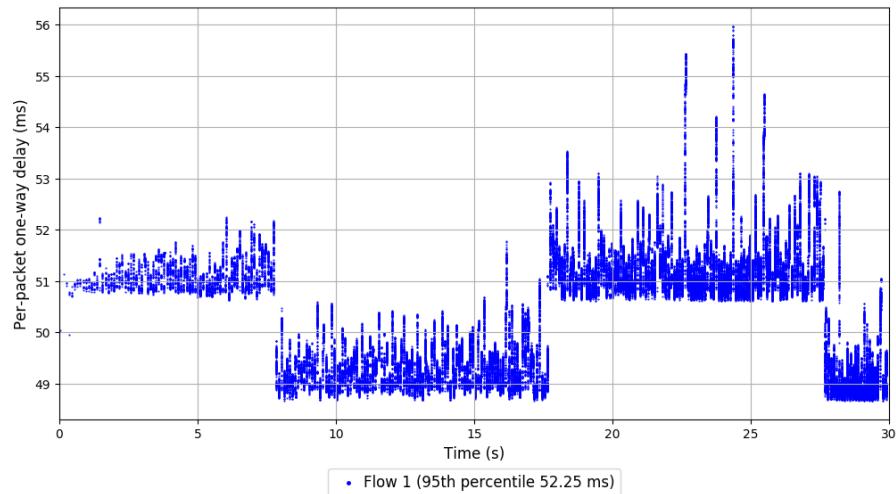
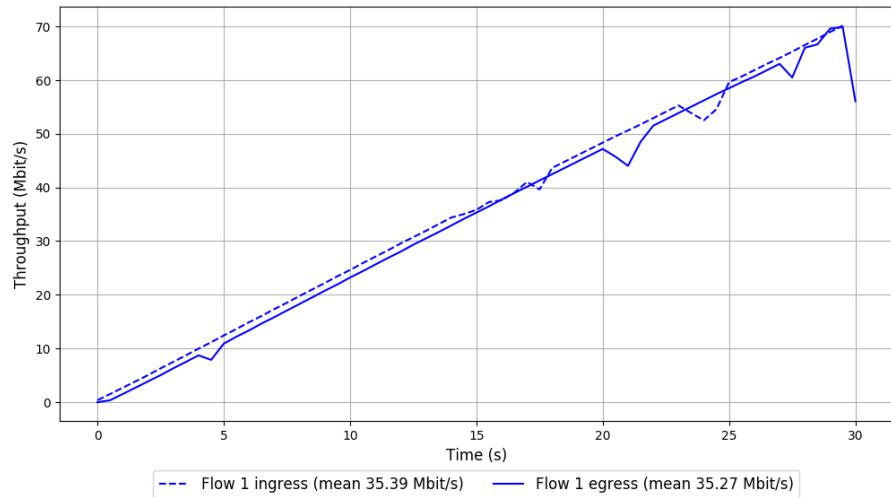


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-26 12:11:43
End at: 2018-05-26 12:12:13
Local clock offset: -0.172 ms
Remote clock offset: -0.031 ms

# Below is generated by plot.py at 2018-05-26 13:17:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 52.250 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 52.250 ms
Loss rate: 0.67%
```

Run 10: Report of LEDBAT — Data Link

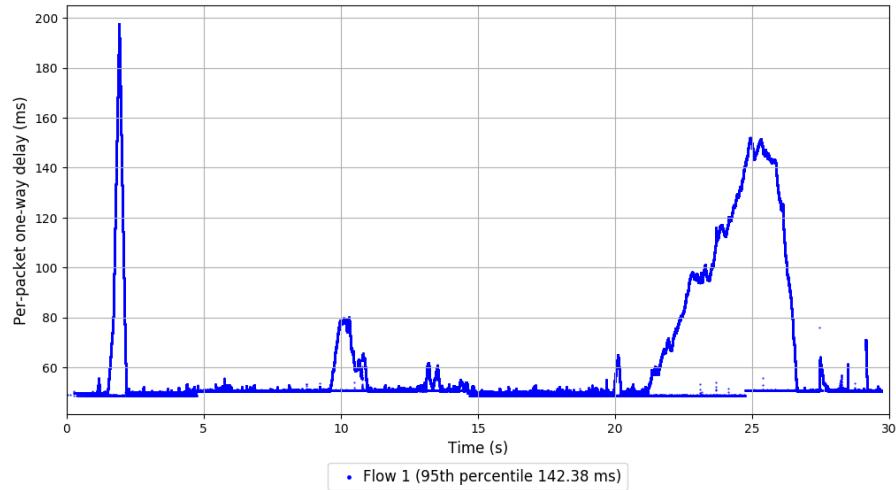
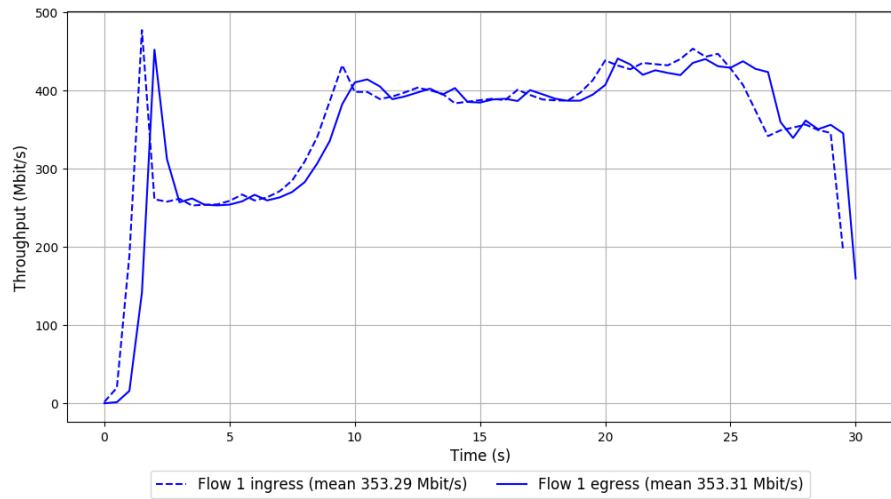


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-05-26 09:17:15
End at: 2018-05-26 09:17:45
Local clock offset: -0.205 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at 2018-05-26 13:18:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 353.31 Mbit/s
95th percentile per-packet one-way delay: 142.383 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 353.31 Mbit/s
95th percentile per-packet one-way delay: 142.383 ms
Loss rate: 0.33%
```

Run 1: Report of PCC-Allegro — Data Link

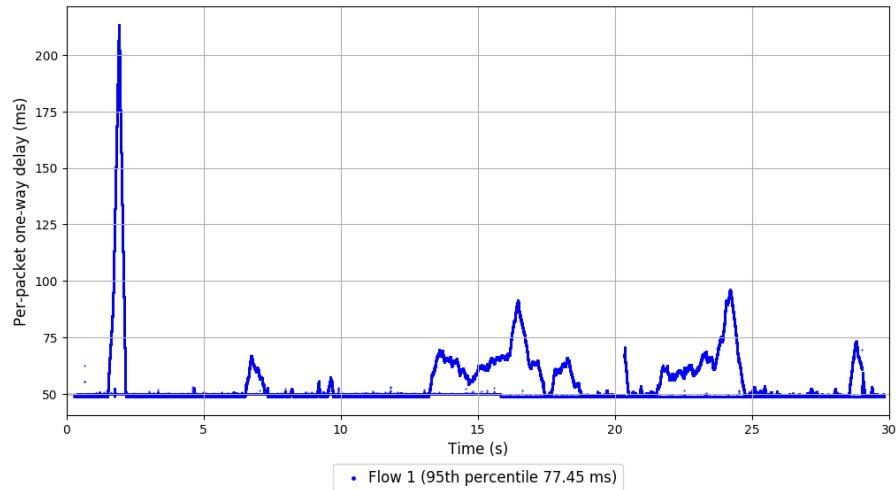
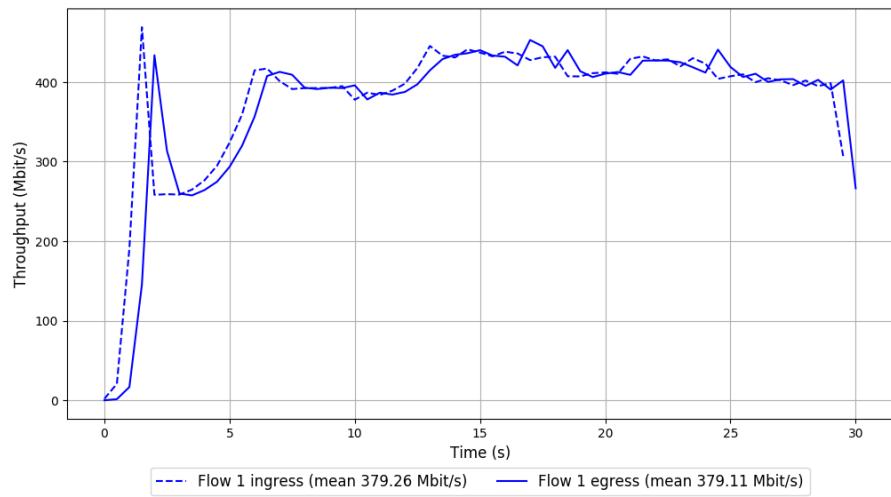


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-05-26 09:37:24
End at: 2018-05-26 09:37:54
Local clock offset: -0.159 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2018-05-26 13:18:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 379.11 Mbit/s
95th percentile per-packet one-way delay: 77.448 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 379.11 Mbit/s
95th percentile per-packet one-way delay: 77.448 ms
Loss rate: 0.37%
```

Run 2: Report of PCC-Allegro — Data Link

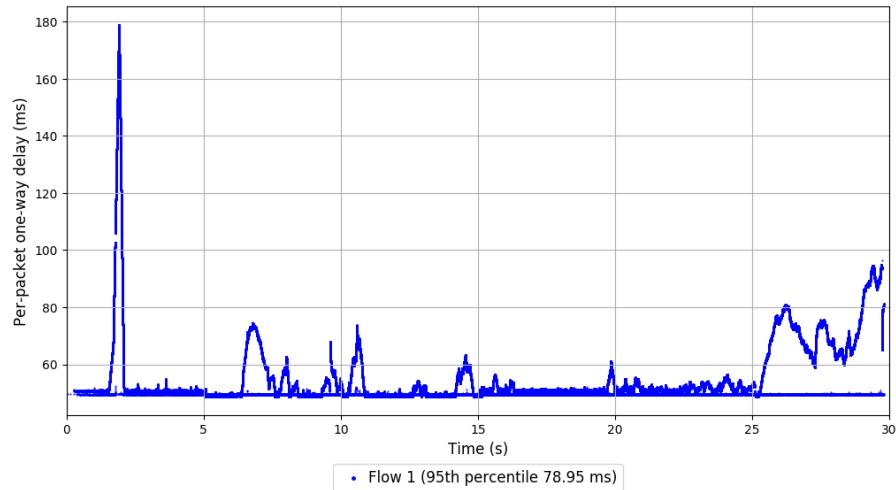
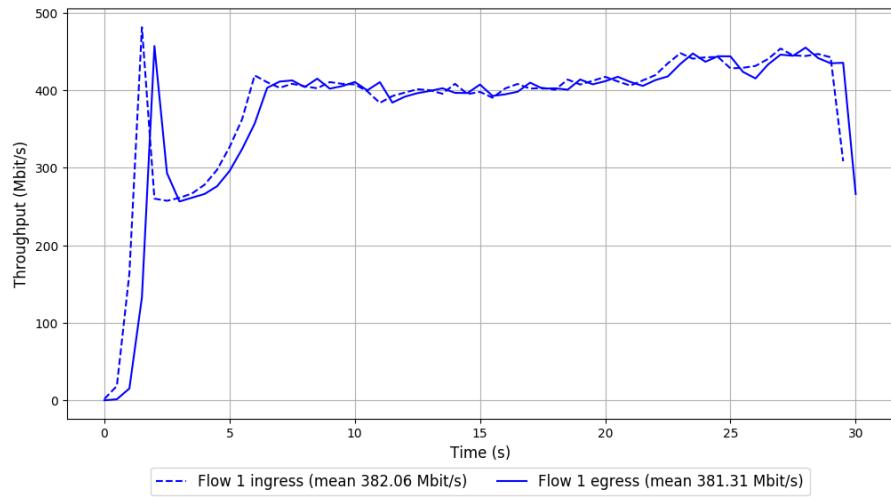


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-05-26 09:57:35
End at: 2018-05-26 09:58:05
Local clock offset: -0.269 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2018-05-26 13:18:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 381.31 Mbit/s
95th percentile per-packet one-way delay: 78.948 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 381.31 Mbit/s
95th percentile per-packet one-way delay: 78.948 ms
Loss rate: 0.53%
```

Run 3: Report of PCC-Allegro — Data Link

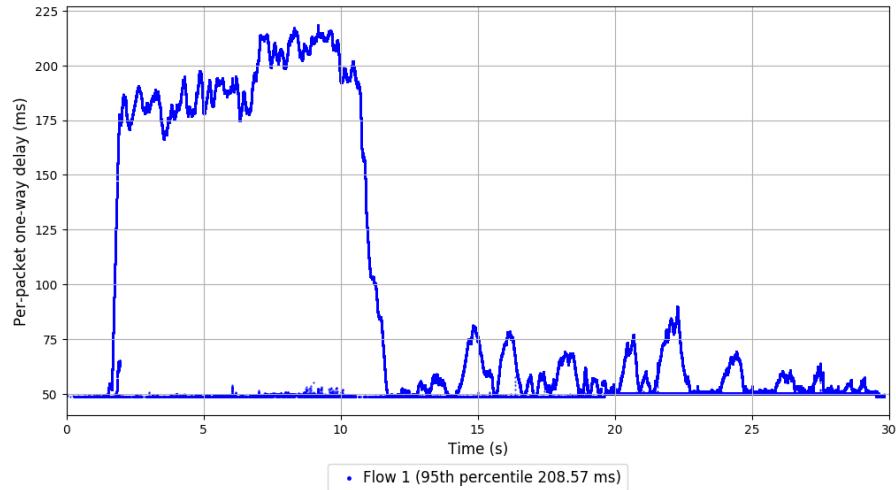
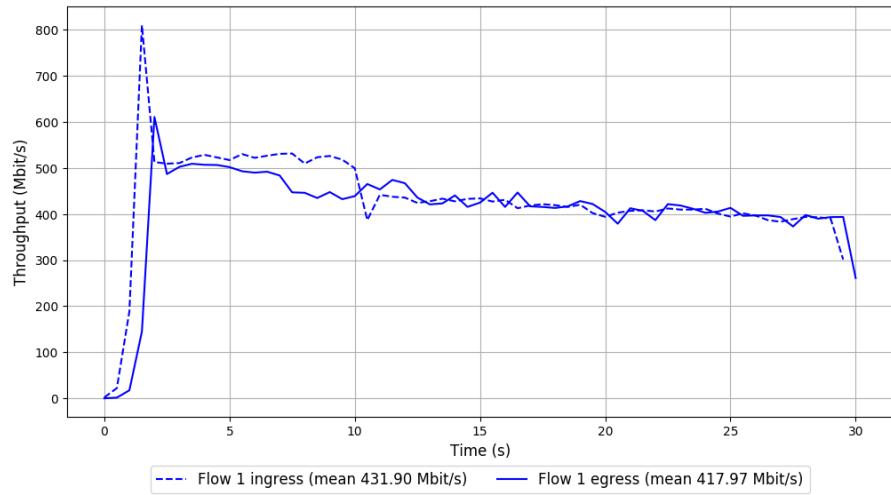


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-05-26 10:17:51
End at: 2018-05-26 10:18:21
Local clock offset: -0.194 ms
Remote clock offset: -0.086 ms

# Below is generated by plot.py at 2018-05-26 13:19:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 417.97 Mbit/s
95th percentile per-packet one-way delay: 208.570 ms
Loss rate: 3.55%
-- Flow 1:
Average throughput: 417.97 Mbit/s
95th percentile per-packet one-way delay: 208.570 ms
Loss rate: 3.55%
```

Run 4: Report of PCC-Allegro — Data Link

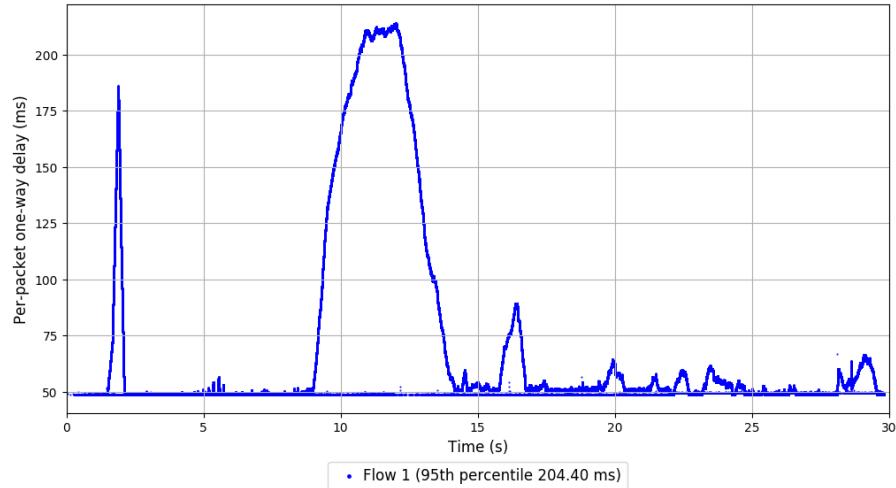
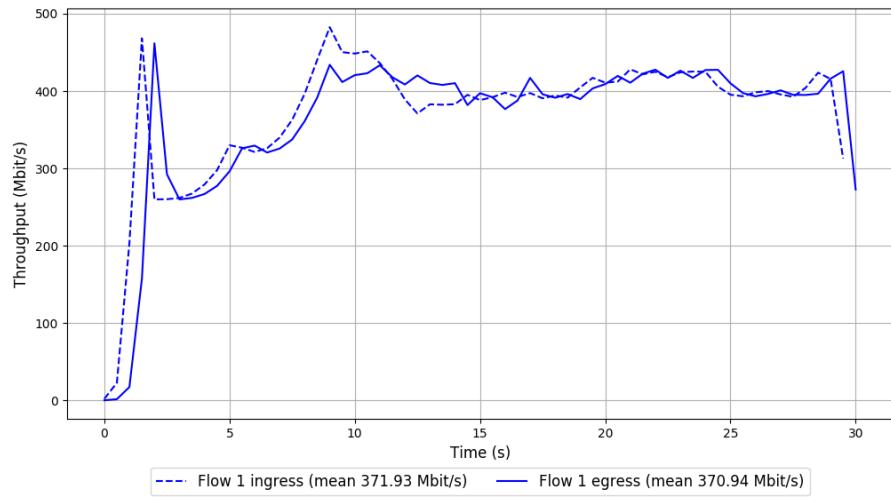


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-05-26 10:37:58
End at: 2018-05-26 10:38:28
Local clock offset: -0.211 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-05-26 13:19:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 370.94 Mbit/s
95th percentile per-packet one-way delay: 204.401 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 370.94 Mbit/s
95th percentile per-packet one-way delay: 204.401 ms
Loss rate: 0.60%
```

Run 5: Report of PCC-Allegro — Data Link

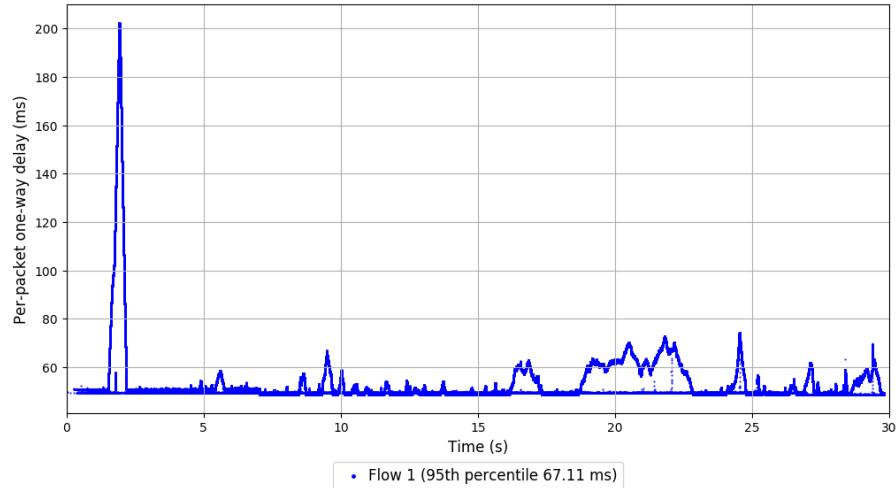
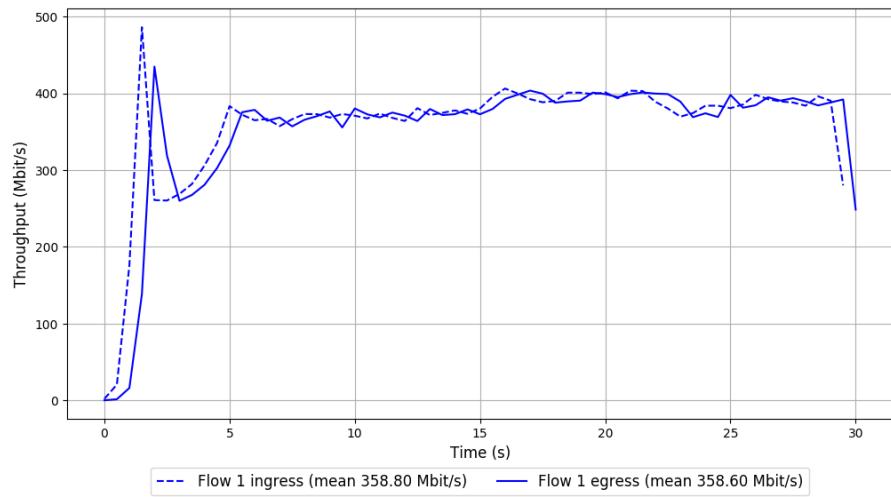


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-05-26 10:58:03
End at: 2018-05-26 10:58:33
Local clock offset: -0.181 ms
Remote clock offset: -0.02 ms

# Below is generated by plot.py at 2018-05-26 13:19:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 358.60 Mbit/s
95th percentile per-packet one-way delay: 67.111 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 358.60 Mbit/s
95th percentile per-packet one-way delay: 67.111 ms
Loss rate: 0.39%
```

Run 6: Report of PCC-Allegro — Data Link

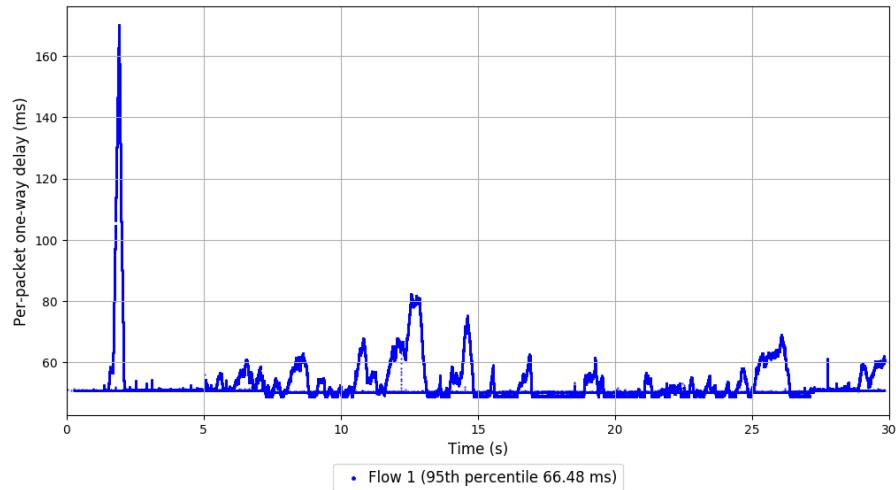
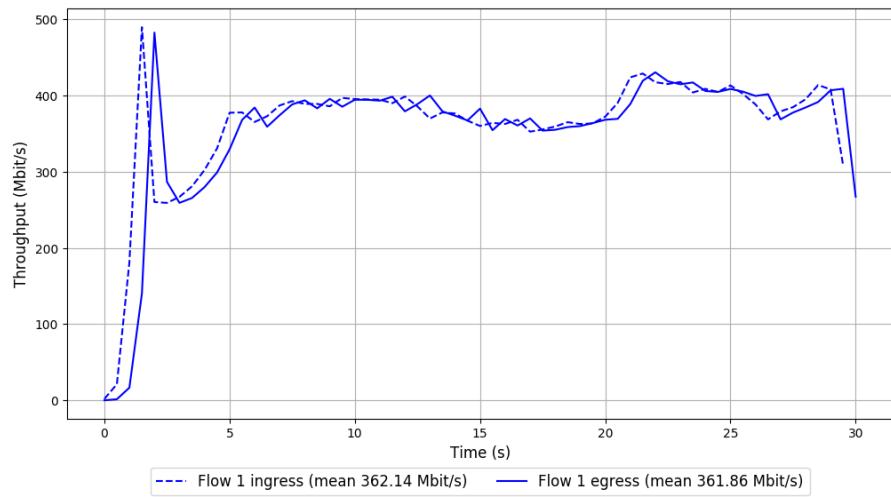


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-05-26 11:18:13
End at: 2018-05-26 11:18:43
Local clock offset: -0.051 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2018-05-26 13:22:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 361.86 Mbit/s
95th percentile per-packet one-way delay: 66.483 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 361.86 Mbit/s
95th percentile per-packet one-way delay: 66.483 ms
Loss rate: 0.41%
```

Run 7: Report of PCC-Allegro — Data Link

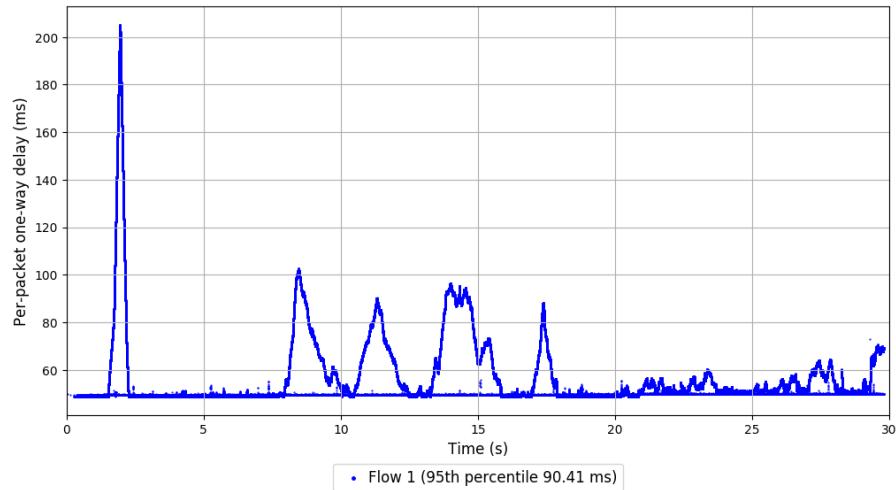
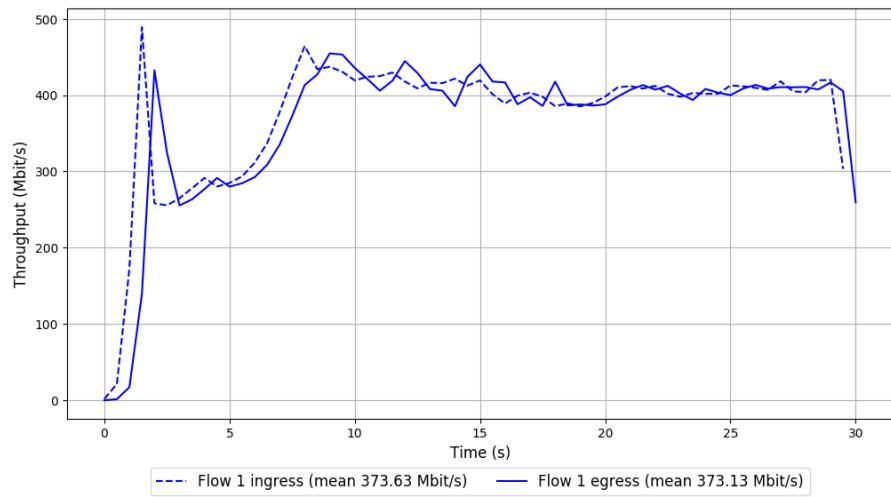


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-05-26 11:38:39
End at: 2018-05-26 11:39:09
Local clock offset: -0.08 ms
Remote clock offset: -0.005 ms

# Below is generated by plot.py at 2018-05-26 13:23:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 373.13 Mbit/s
95th percentile per-packet one-way delay: 90.414 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 373.13 Mbit/s
95th percentile per-packet one-way delay: 90.414 ms
Loss rate: 0.47%
```

Run 8: Report of PCC-Allegro — Data Link

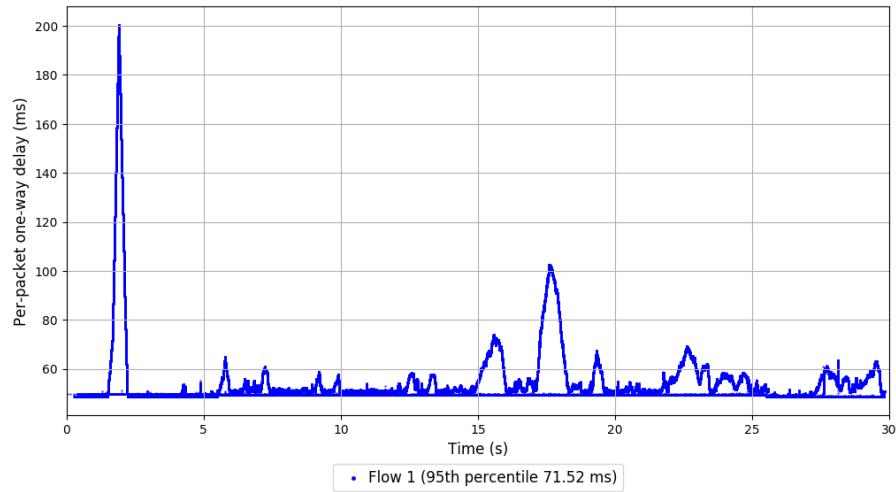
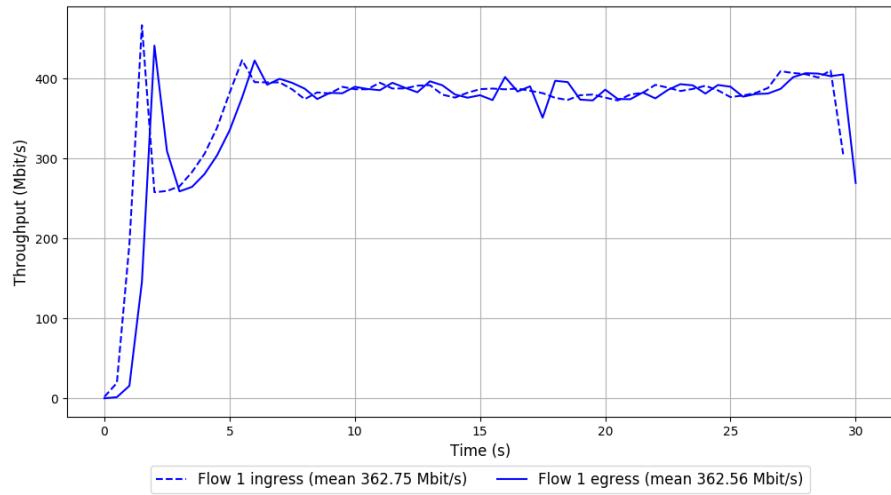


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-05-26 11:58:55
End at: 2018-05-26 11:59:25
Local clock offset: -0.194 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-05-26 13:23:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 362.56 Mbit/s
95th percentile per-packet one-way delay: 71.517 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 362.56 Mbit/s
95th percentile per-packet one-way delay: 71.517 ms
Loss rate: 0.39%
```

Run 9: Report of PCC-Allegro — Data Link

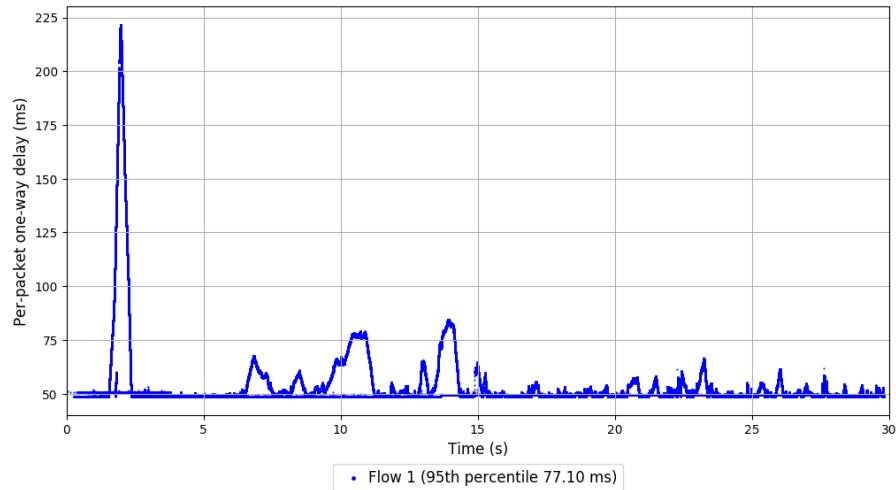
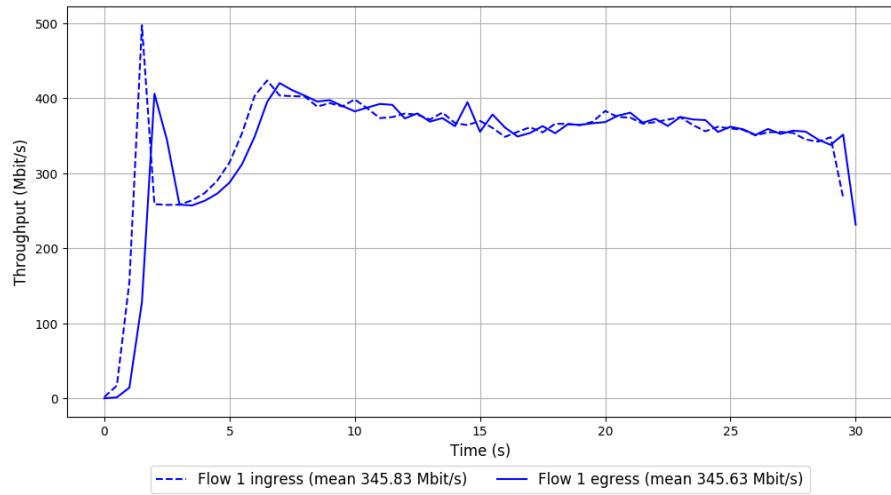


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-05-26 12:19:07
End at: 2018-05-26 12:19:37
Local clock offset: -0.209 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-05-26 13:23:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 345.63 Mbit/s
95th percentile per-packet one-way delay: 77.098 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 345.63 Mbit/s
95th percentile per-packet one-way delay: 77.098 ms
Loss rate: 0.39%
```

Run 10: Report of PCC-Allegro — Data Link

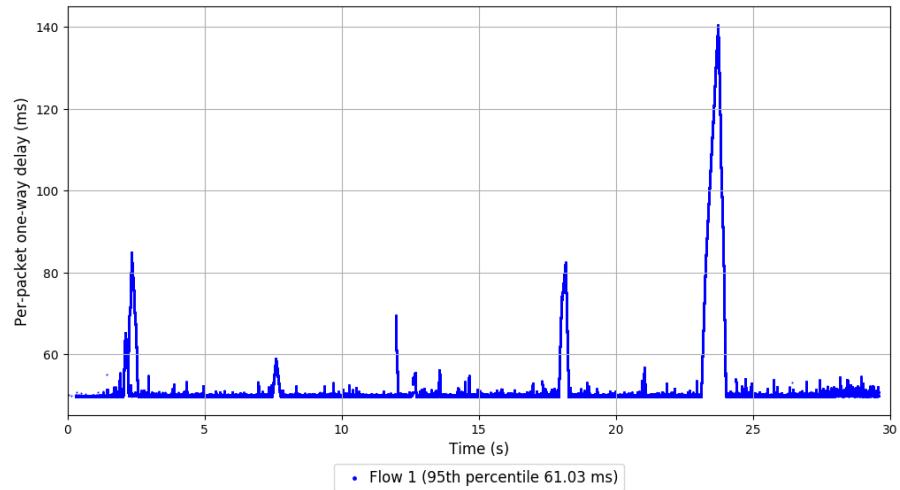
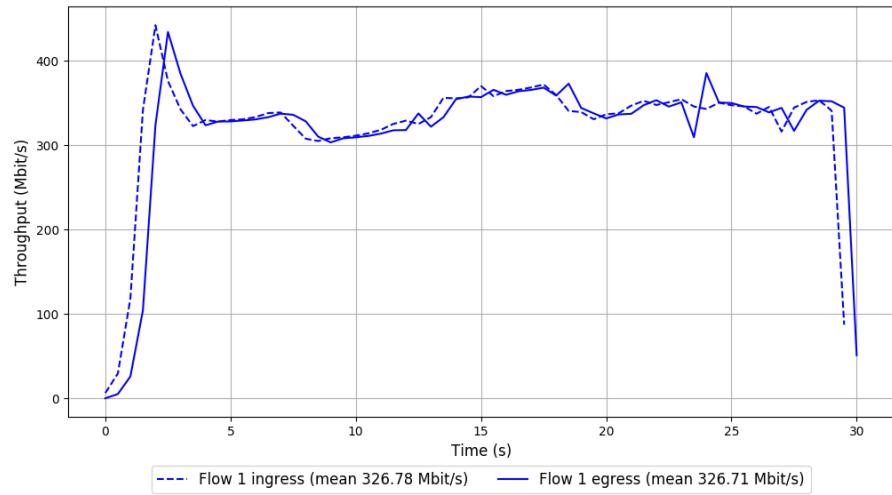


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-05-26 09:18:32
End at: 2018-05-26 09:19:02
Local clock offset: -0.196 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2018-05-26 13:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 326.71 Mbit/s
95th percentile per-packet one-way delay: 61.030 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 326.71 Mbit/s
95th percentile per-packet one-way delay: 61.030 ms
Loss rate: 0.36%
```

Run 1: Report of PCC-Expr — Data Link

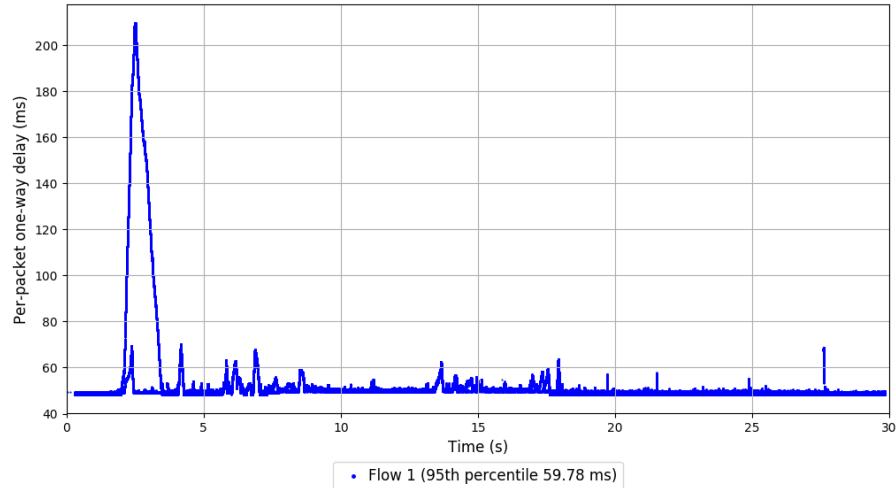
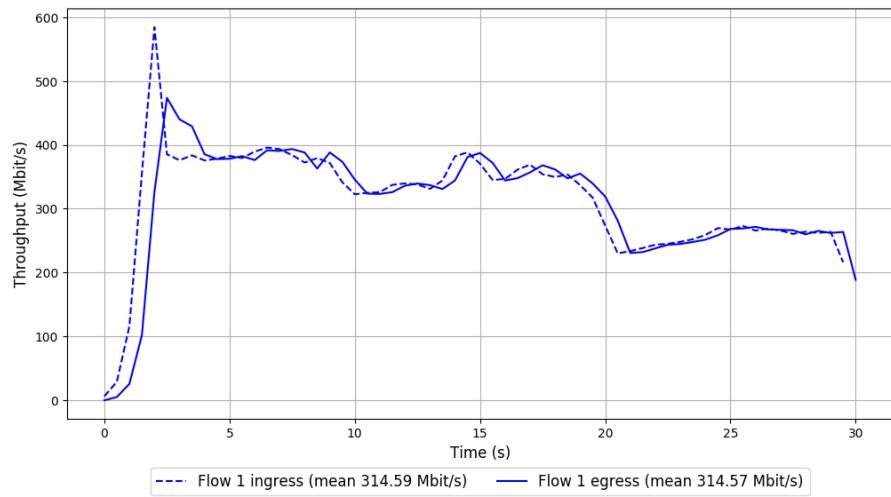


Run 2: Statistics of PCC-Expr

```
Start at: 2018-05-26 09:38:43
End at: 2018-05-26 09:39:13
Local clock offset: -0.583 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-05-26 13:27:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 314.57 Mbit/s
95th percentile per-packet one-way delay: 59.778 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 314.57 Mbit/s
95th percentile per-packet one-way delay: 59.778 ms
Loss rate: 0.34%
```

Run 2: Report of PCC-Expr — Data Link

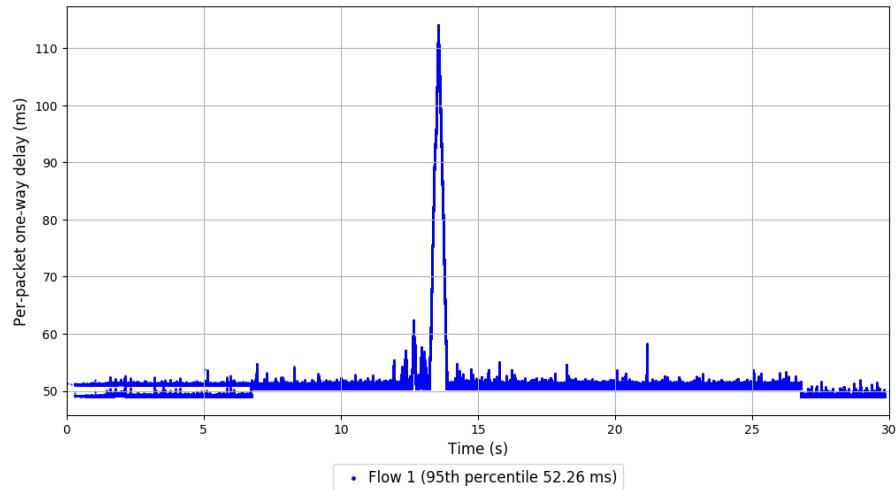
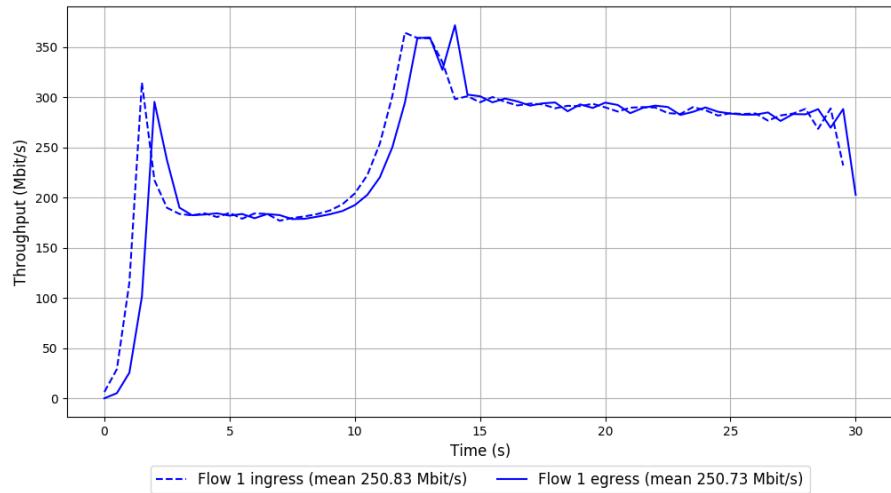


Run 3: Statistics of PCC-Expr

```
Start at: 2018-05-26 09:58:53
End at: 2018-05-26 09:59:23
Local clock offset: 0.147 ms
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2018-05-26 13:27:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 250.73 Mbit/s
95th percentile per-packet one-way delay: 52.260 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 250.73 Mbit/s
95th percentile per-packet one-way delay: 52.260 ms
Loss rate: 0.38%
```

Run 3: Report of PCC-Expr — Data Link

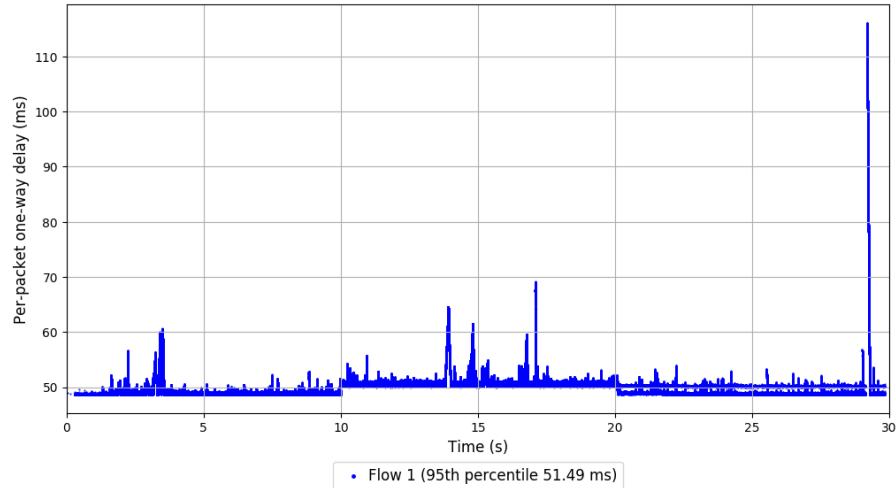
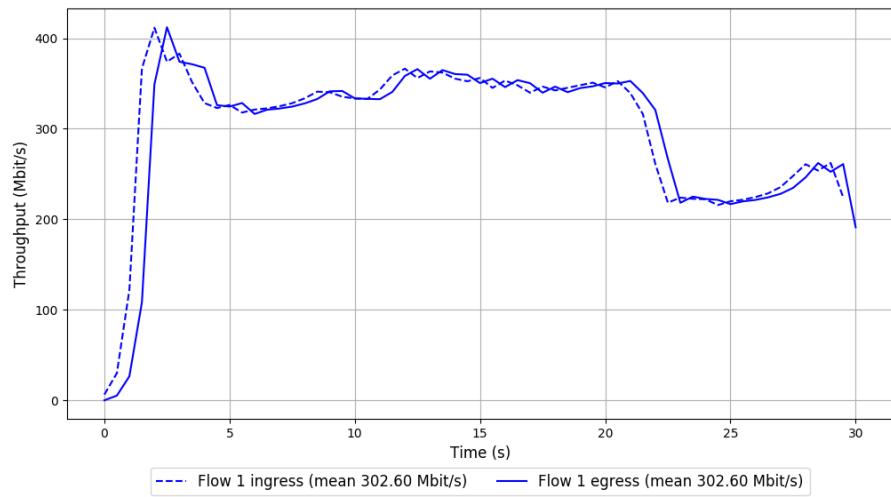


Run 4: Statistics of PCC-Expr

```
Start at: 2018-05-26 10:19:10
End at: 2018-05-26 10:19:40
Local clock offset: -0.251 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at 2018-05-26 13:28:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 302.60 Mbit/s
95th percentile per-packet one-way delay: 51.488 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 302.60 Mbit/s
95th percentile per-packet one-way delay: 51.488 ms
Loss rate: 0.33%
```

Run 4: Report of PCC-Expr — Data Link

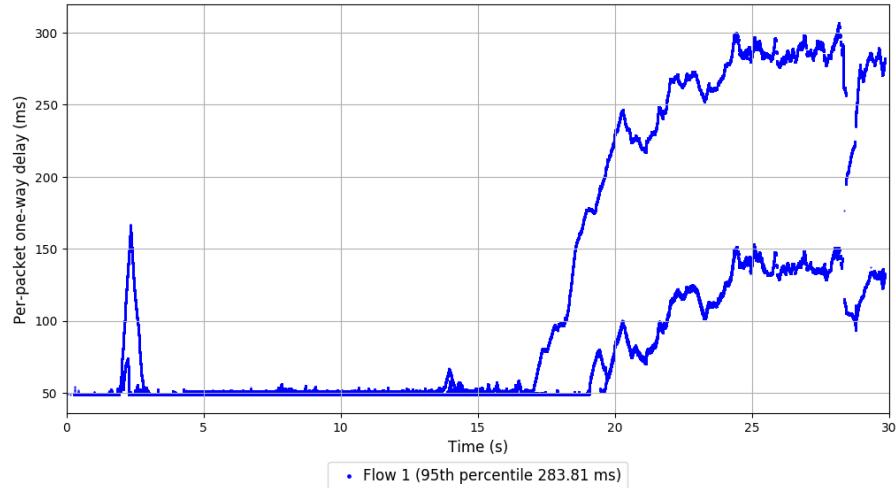
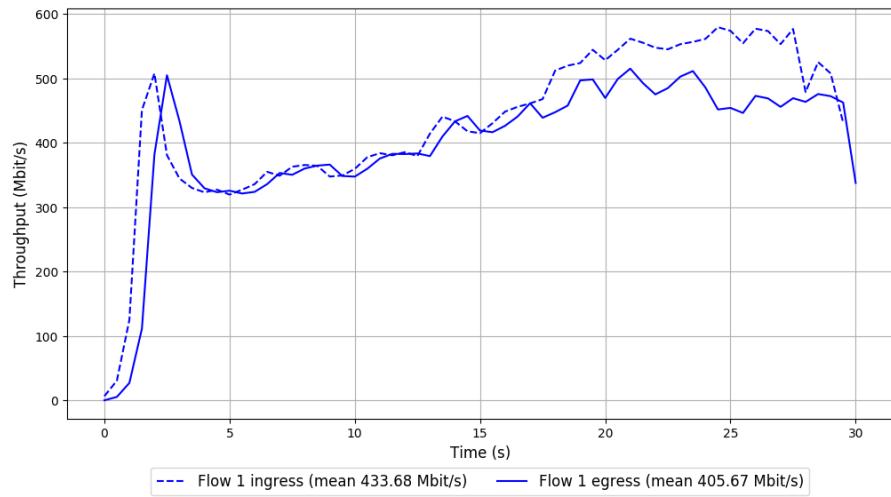


Run 5: Statistics of PCC-Expr

```
Start at: 2018-05-26 10:39:16
End at: 2018-05-26 10:39:46
Local clock offset: -0.225 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2018-05-26 13:36:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 405.67 Mbit/s
95th percentile per-packet one-way delay: 283.815 ms
Loss rate: 6.77%
-- Flow 1:
Average throughput: 405.67 Mbit/s
95th percentile per-packet one-way delay: 283.815 ms
Loss rate: 6.77%
```

Run 5: Report of PCC-Expr — Data Link

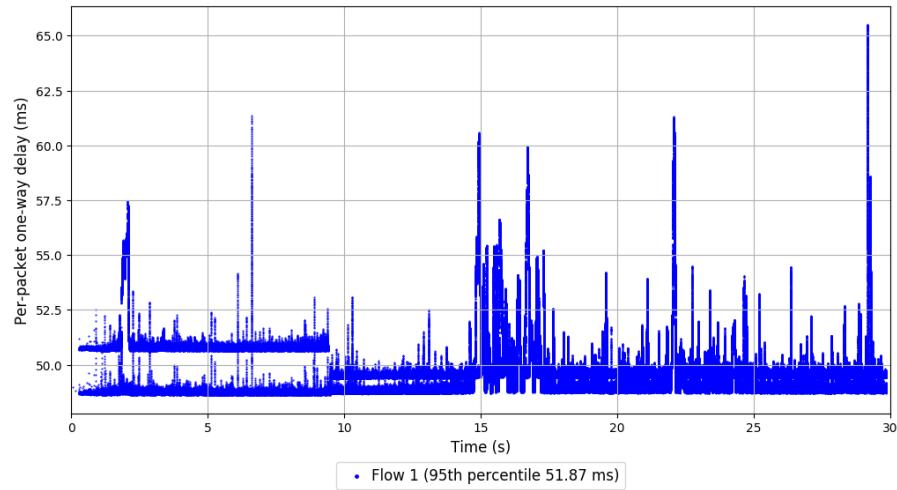
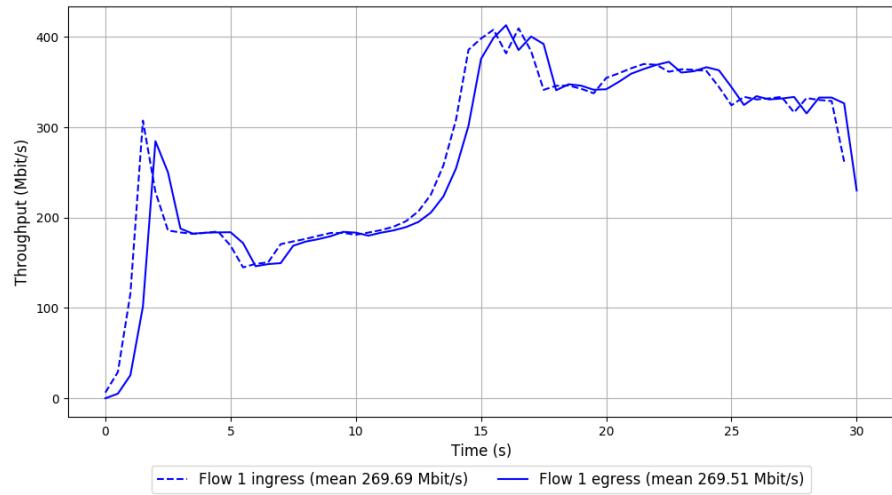


Run 6: Statistics of PCC-Expr

```
Start at: 2018-05-26 10:59:21
End at: 2018-05-26 10:59:51
Local clock offset: -0.177 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-05-26 13:36:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 269.51 Mbit/s
95th percentile per-packet one-way delay: 51.874 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 269.51 Mbit/s
95th percentile per-packet one-way delay: 51.874 ms
Loss rate: 0.40%
```

Run 6: Report of PCC-Expr — Data Link

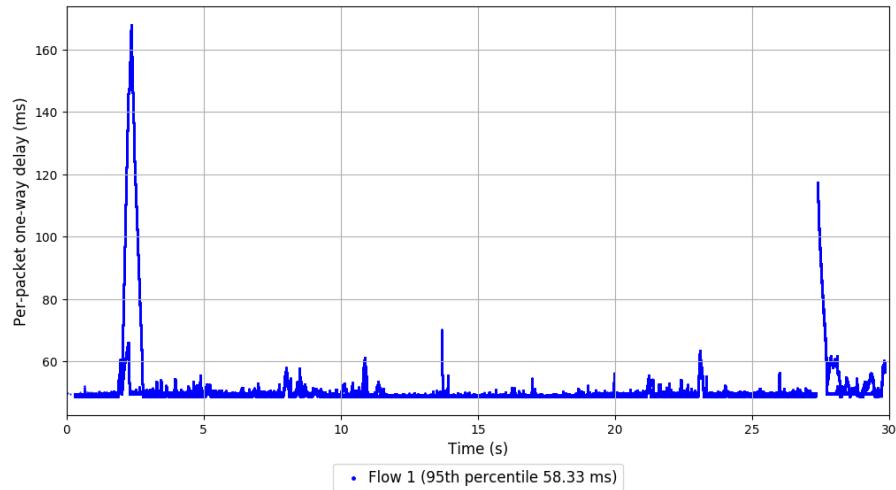
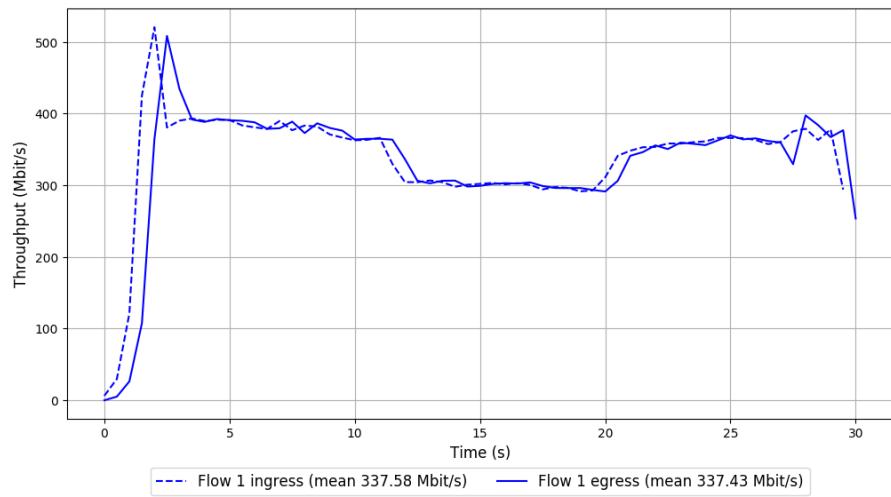


Run 7: Statistics of PCC-Expr

```
Start at: 2018-05-26 11:19:31
End at: 2018-05-26 11:20:01
Local clock offset: -0.063 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-05-26 13:36:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 337.43 Mbit/s
95th percentile per-packet one-way delay: 58.330 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 337.43 Mbit/s
95th percentile per-packet one-way delay: 58.330 ms
Loss rate: 0.38%
```

Run 7: Report of PCC-Expr — Data Link

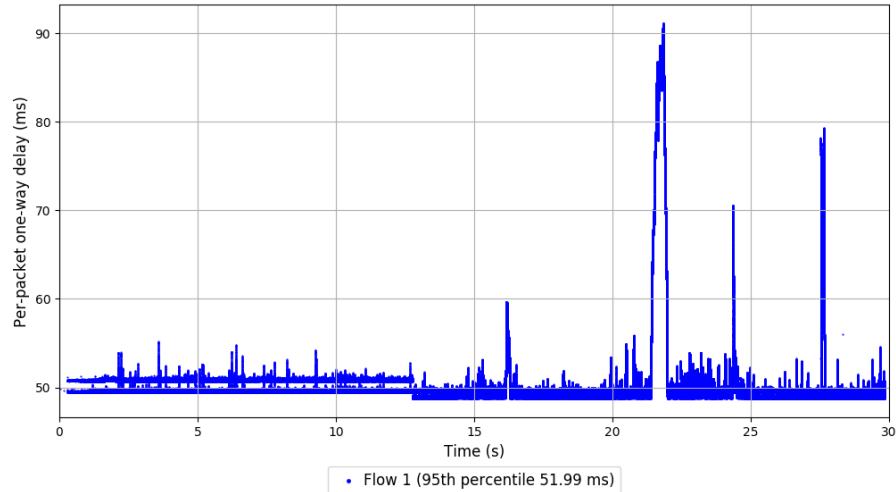
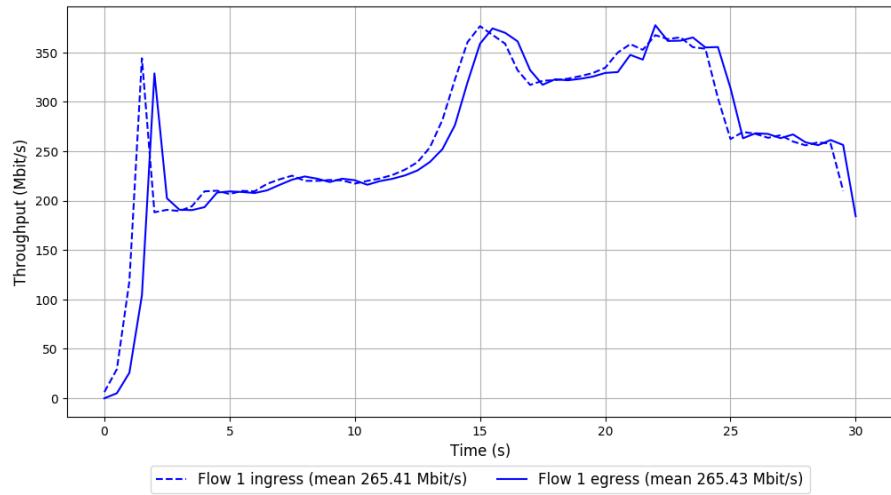


Run 8: Statistics of PCC-Expr

```
Start at: 2018-05-26 11:39:57
End at: 2018-05-26 11:40:27
Local clock offset: -0.098 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2018-05-26 13:36:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 265.43 Mbit/s
95th percentile per-packet one-way delay: 51.992 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 265.43 Mbit/s
95th percentile per-packet one-way delay: 51.992 ms
Loss rate: 0.32%
```

Run 8: Report of PCC-Expr — Data Link

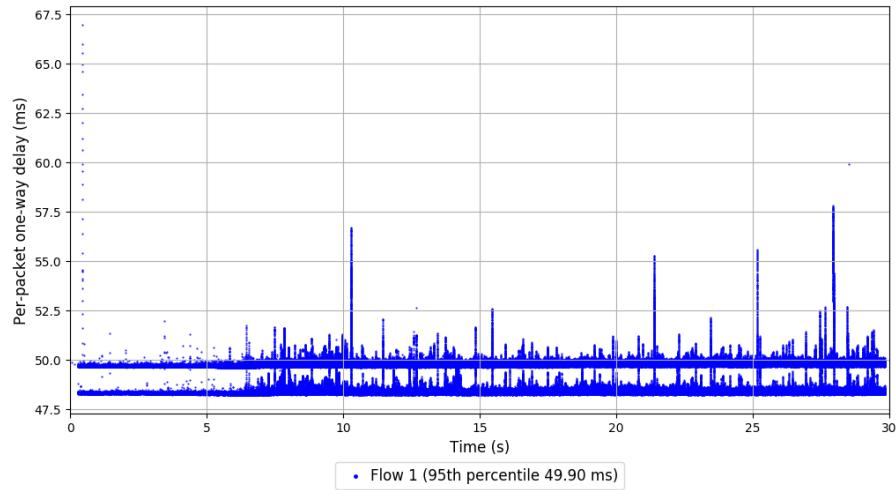
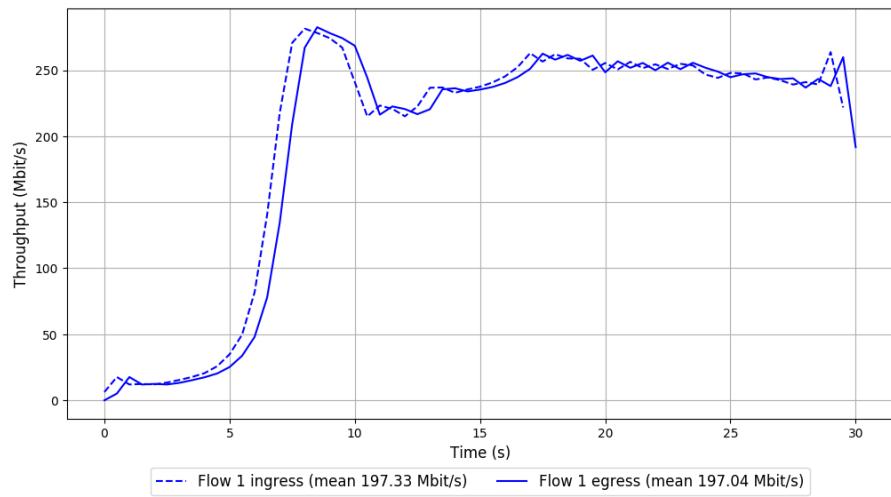


Run 9: Statistics of PCC-Expr

```
Start at: 2018-05-26 12:00:12
End at: 2018-05-26 12:00:42
Local clock offset: -0.586 ms
Remote clock offset: 0.013 ms

# Below is generated by plot.py at 2018-05-26 13:36:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.04 Mbit/s
95th percentile per-packet one-way delay: 49.901 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 197.04 Mbit/s
95th percentile per-packet one-way delay: 49.901 ms
Loss rate: 0.48%
```

Run 9: Report of PCC-Expr — Data Link

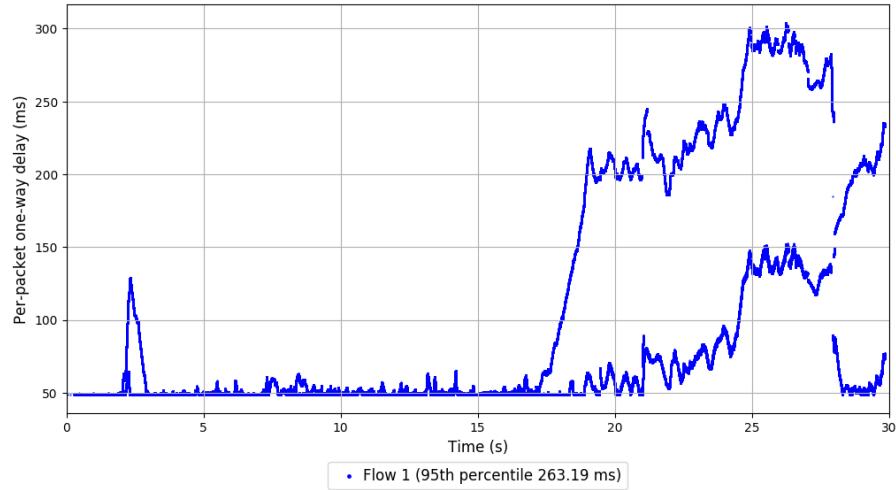
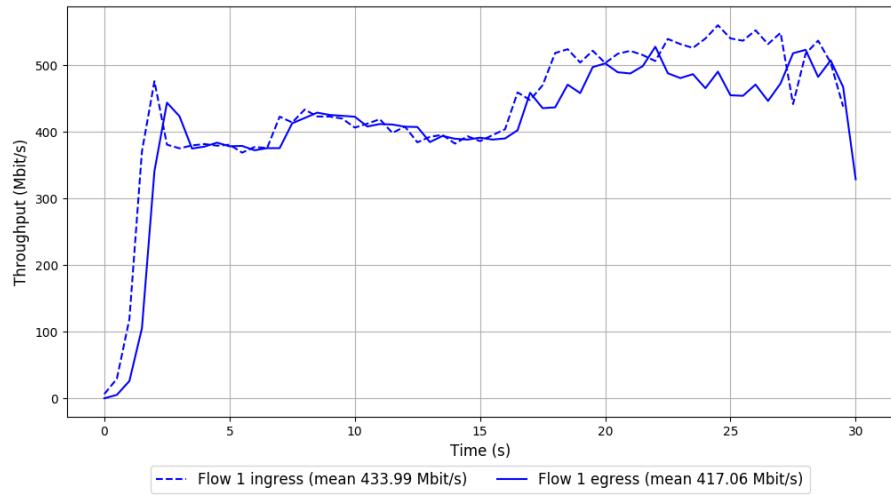


Run 10: Statistics of PCC-Expr

```
Start at: 2018-05-26 12:20:24
End at: 2018-05-26 12:20:54
Local clock offset: -0.117 ms
Remote clock offset: -0.051 ms

# Below is generated by plot.py at 2018-05-26 13:42:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 417.06 Mbit/s
95th percentile per-packet one-way delay: 263.193 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 417.06 Mbit/s
95th percentile per-packet one-way delay: 263.193 ms
Loss rate: 4.22%
```

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

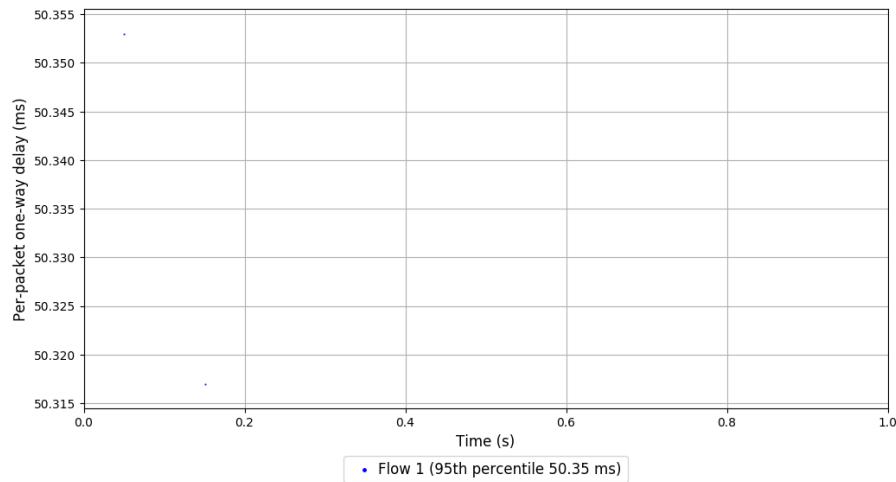
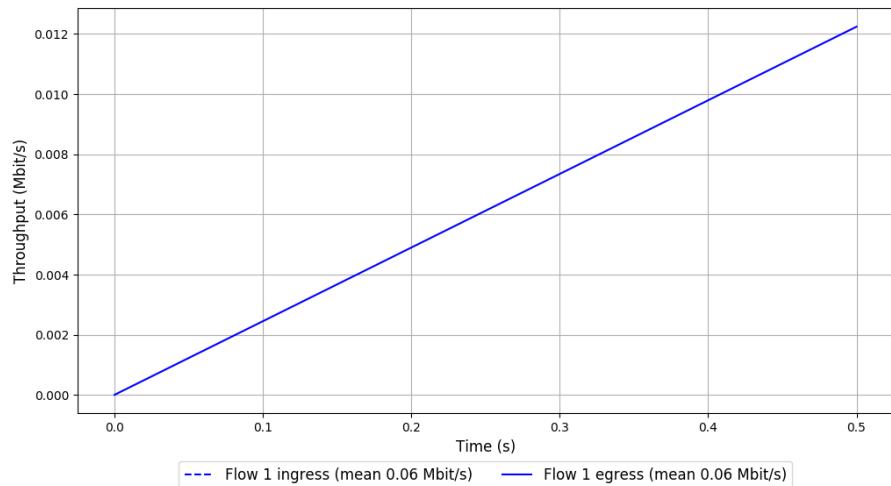
Start at: 2018-05-26 09:08:56

End at: 2018-05-26 09:09:26

Local clock offset: 0.037 ms

Remote clock offset: -0.084 ms

Run 1: Report of QUIC Cubic — Data Link

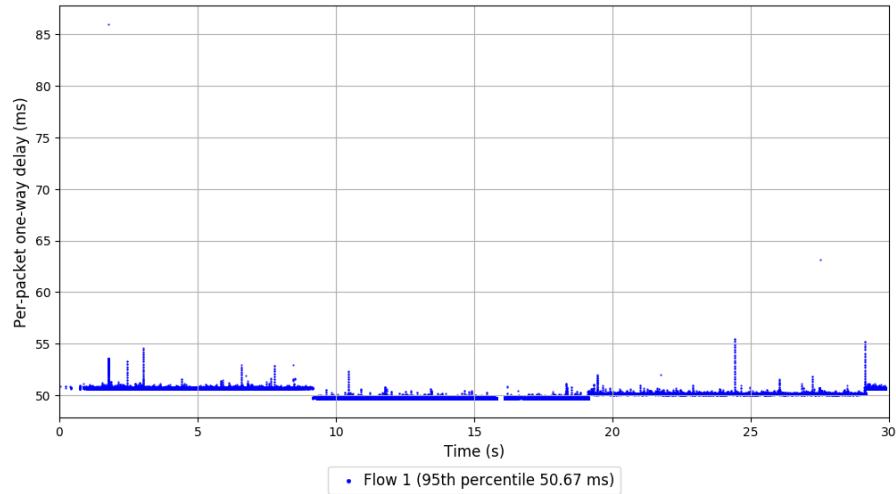
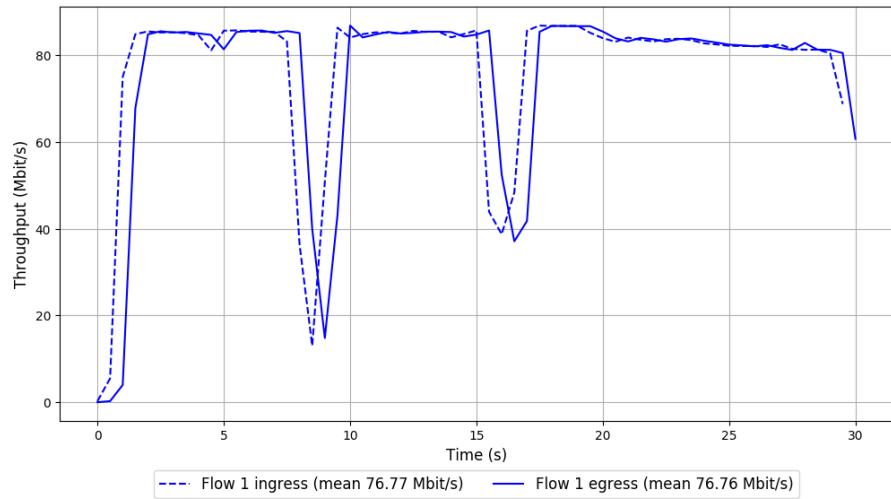


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-26 09:29:01
End at: 2018-05-26 09:29:31
Local clock offset: -0.206 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 50.675 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 50.675 ms
Loss rate: 0.35%
```

Run 2: Report of QUIC Cubic — Data Link

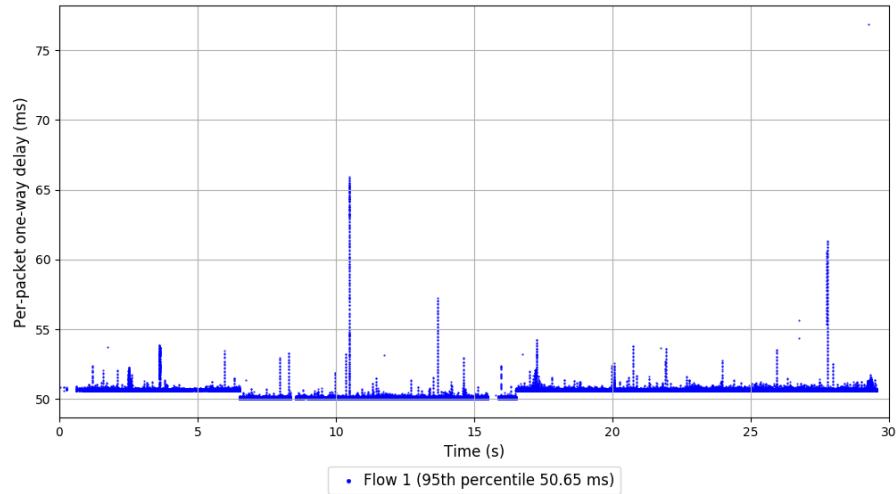
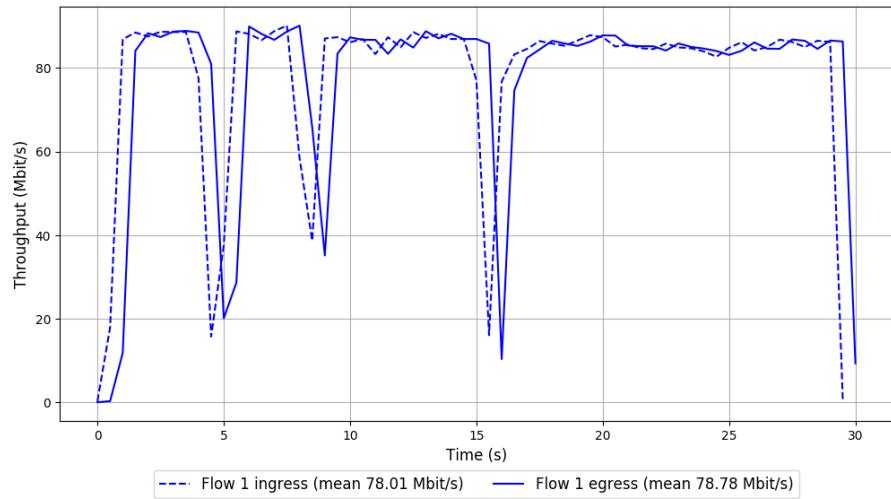


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-26 09:49:04
End at: 2018-05-26 09:49:34
Local clock offset: -0.21 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 50.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 50.651 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

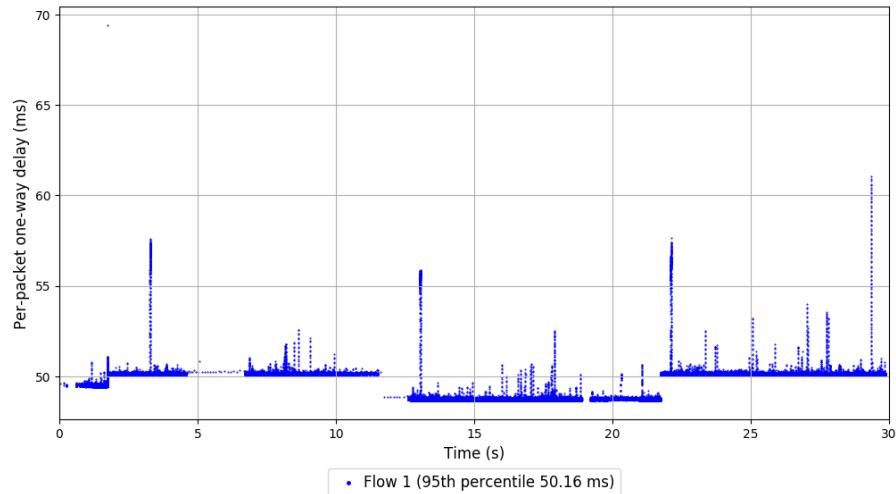
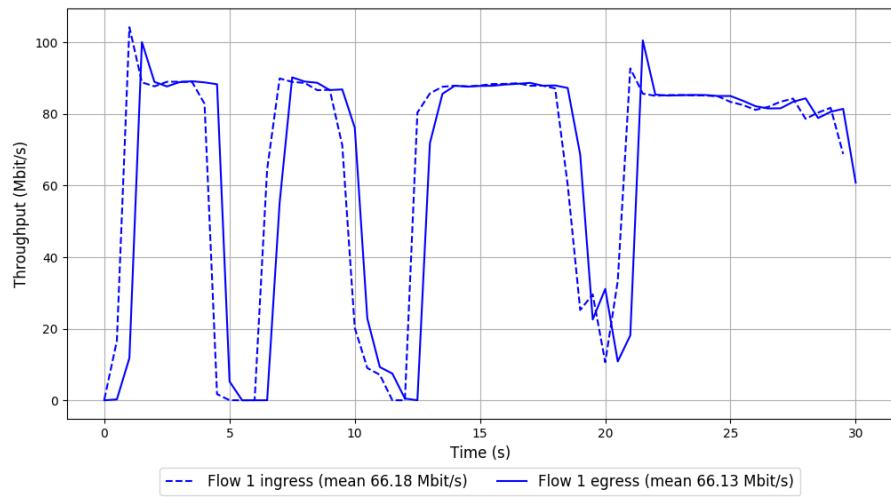


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-26 10:09:19
End at: 2018-05-26 10:09:49
Local clock offset: -0.232 ms
Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.13 Mbit/s
95th percentile per-packet one-way delay: 50.155 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 66.13 Mbit/s
95th percentile per-packet one-way delay: 50.155 ms
Loss rate: 0.41%
```

Run 4: Report of QUIC Cubic — Data Link

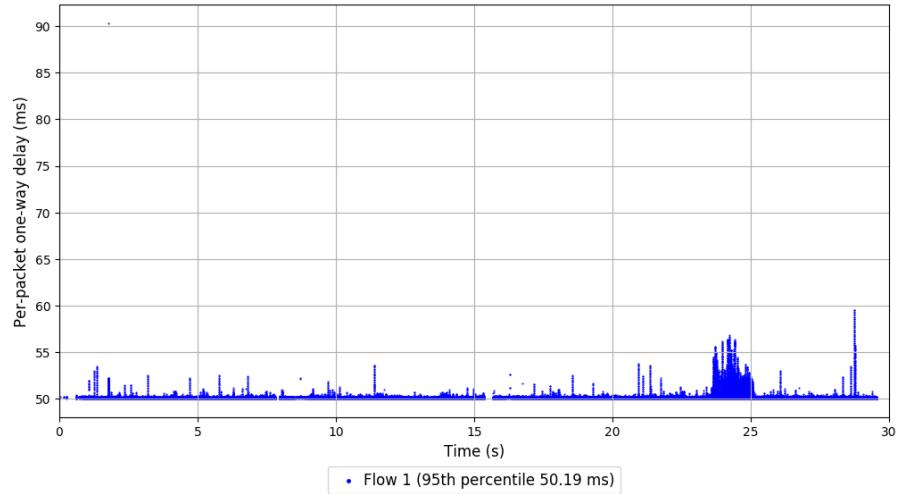
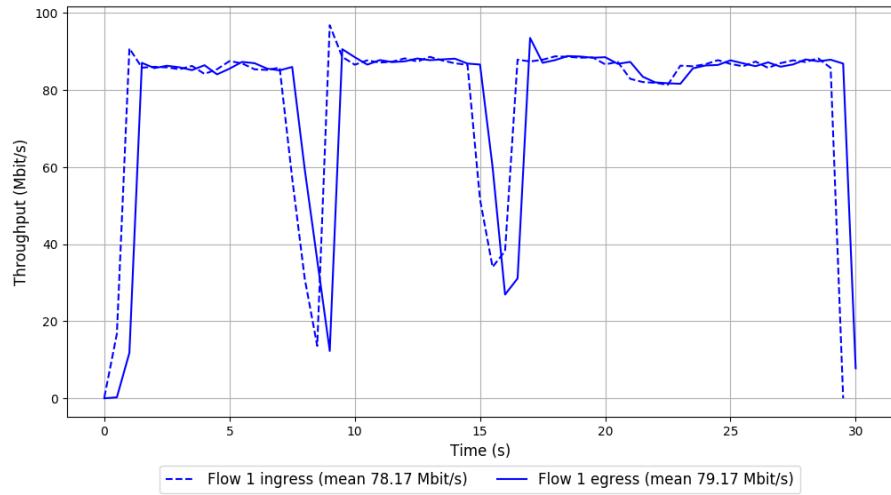


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-26 10:29:35
End at: 2018-05-26 10:30:05
Local clock offset: -0.267 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 50.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 50.187 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

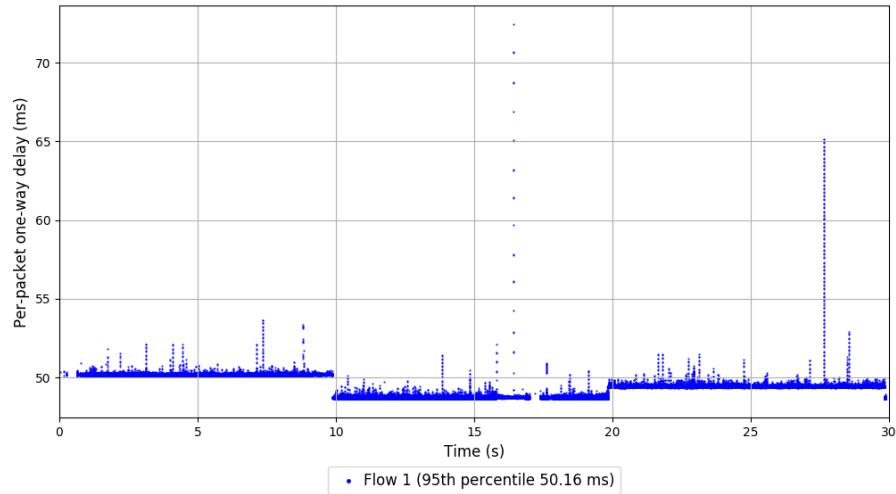
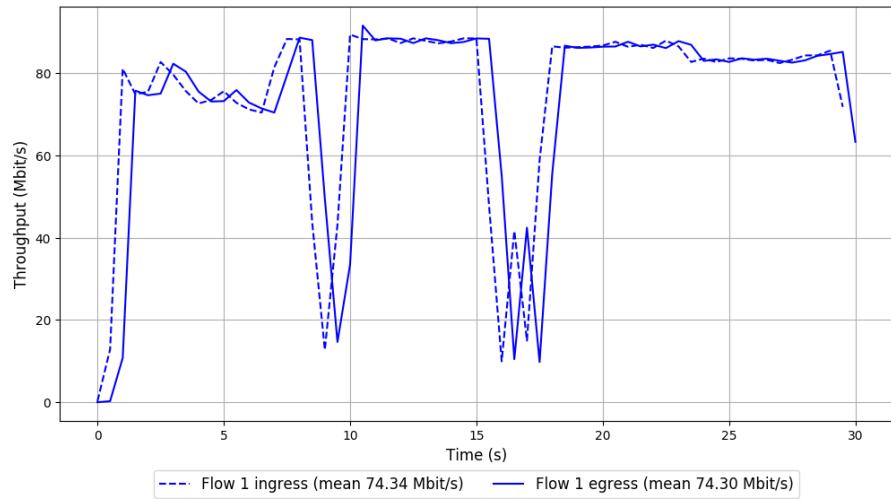


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-26 10:49:31
End at: 2018-05-26 10:50:01
Local clock offset: -0.21 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 50.162 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 50.162 ms
Loss rate: 0.38%
```

Run 6: Report of QUIC Cubic — Data Link

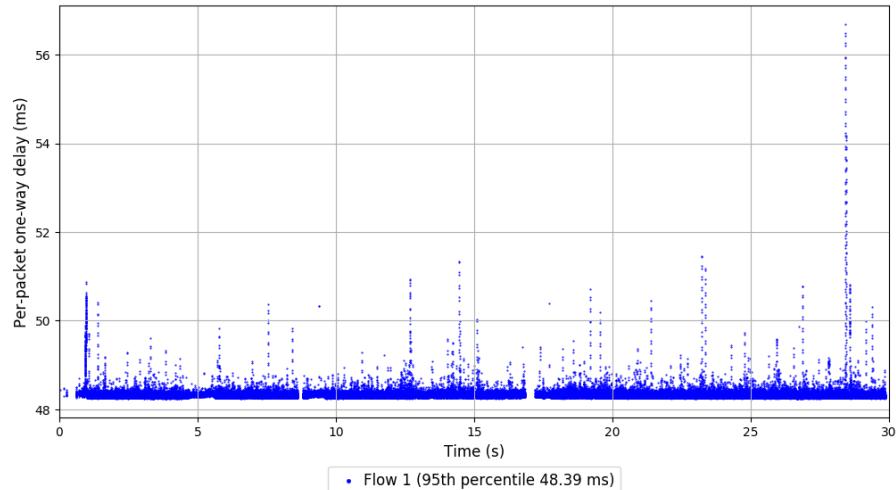
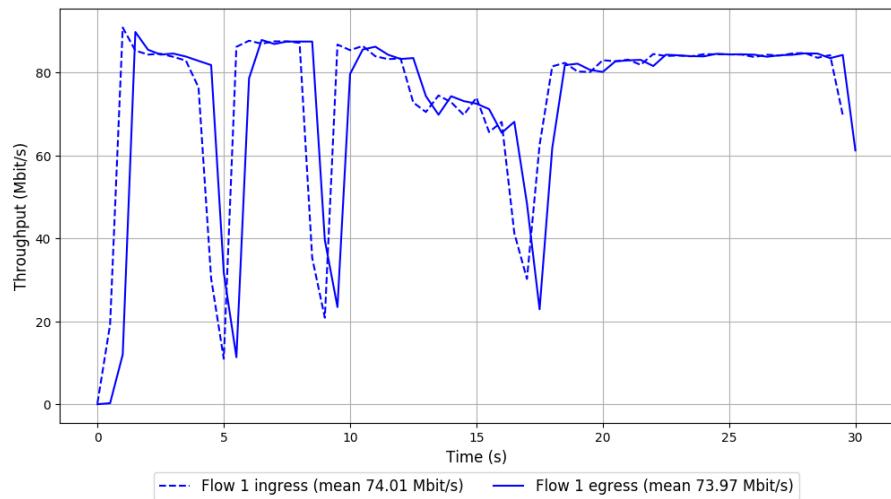


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-26 11:09:46
End at: 2018-05-26 11:10:16
Local clock offset: -0.501 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.97 Mbit/s
95th percentile per-packet one-way delay: 48.389 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 73.97 Mbit/s
95th percentile per-packet one-way delay: 48.389 ms
Loss rate: 0.38%
```

Run 7: Report of QUIC Cubic — Data Link

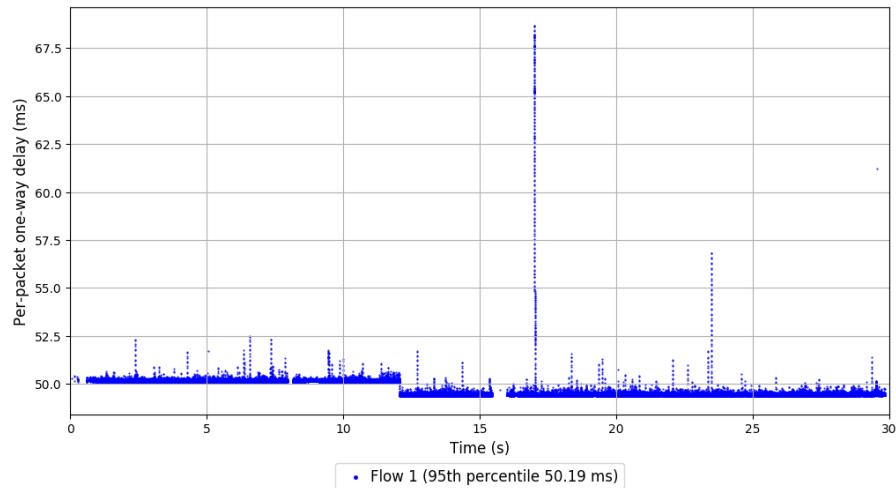
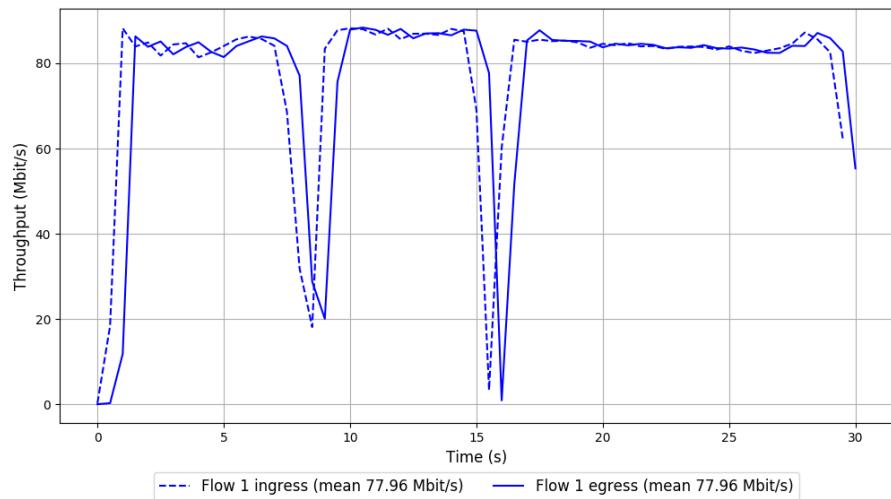


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-26 11:30:08
End at: 2018-05-26 11:30:38
Local clock offset: -0.101 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 50.191 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 50.191 ms
Loss rate: 0.33%
```

Run 8: Report of QUIC Cubic — Data Link

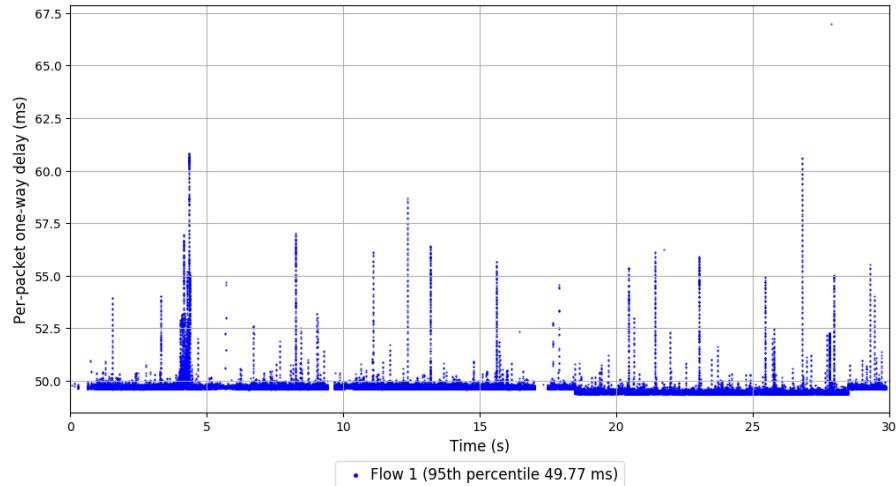
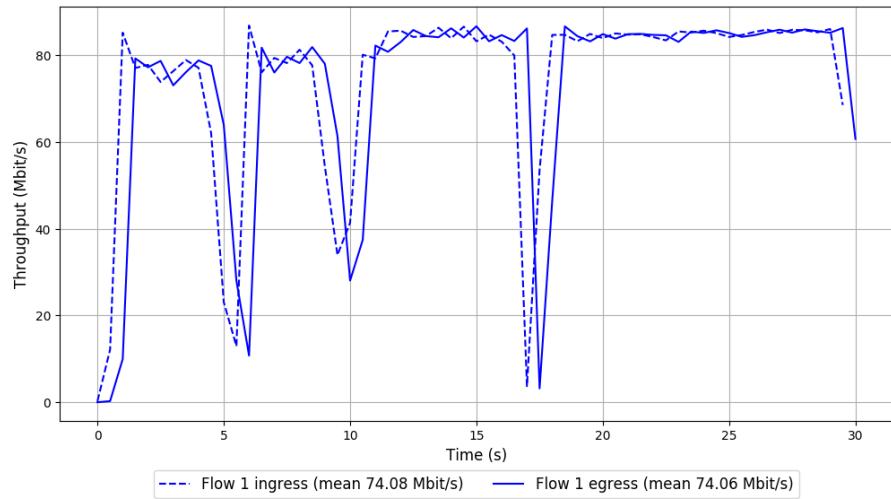


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-26 11:50:22
End at: 2018-05-26 11:50:52
Local clock offset: -0.185 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 49.766 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 49.766 ms
Loss rate: 0.37%
```

Run 9: Report of QUIC Cubic — Data Link

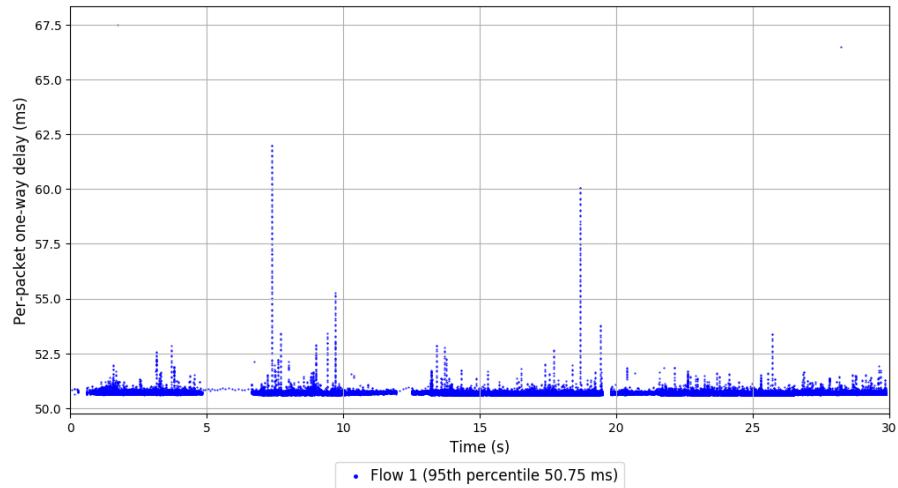
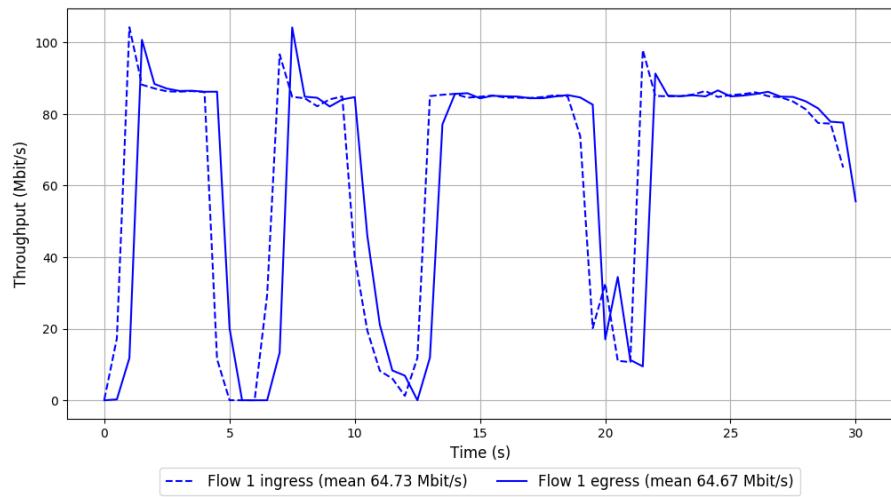


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-26 12:10:34
End at: 2018-05-26 12:11:04
Local clock offset: -0.146 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 50.751 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 50.751 ms
Loss rate: 0.44%
```

Run 10: Report of QUIC Cubic — Data Link

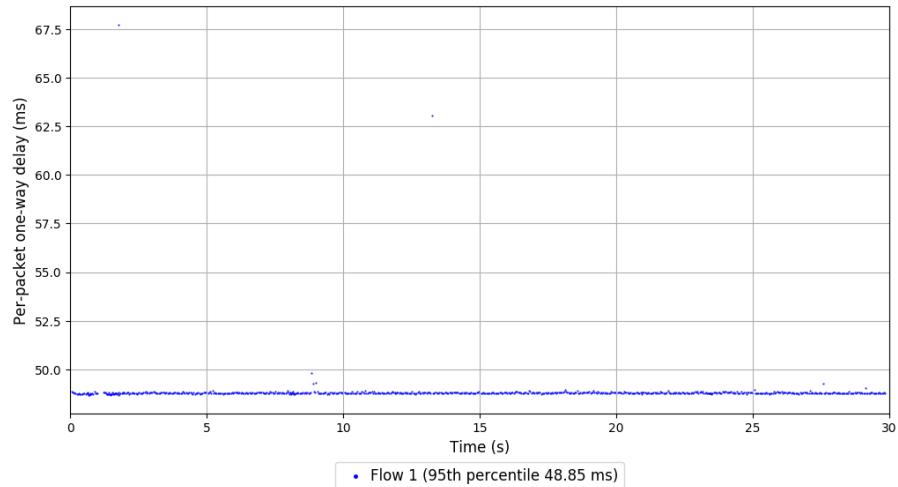
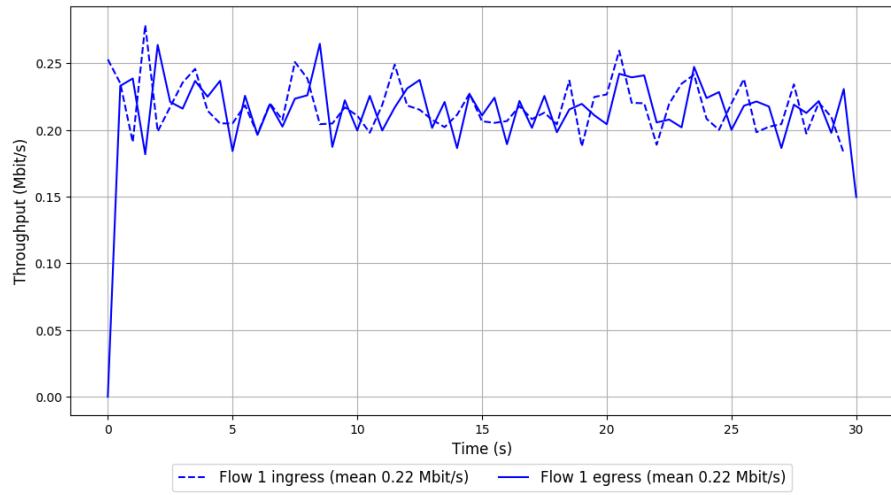


Run 1: Statistics of SCReAM

```
Start at: 2018-05-26 09:20:05
End at: 2018-05-26 09:20:35
Local clock offset: -0.282 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.848 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.848 ms
Loss rate: 0.38%
```

Run 1: Report of SCReAM — Data Link

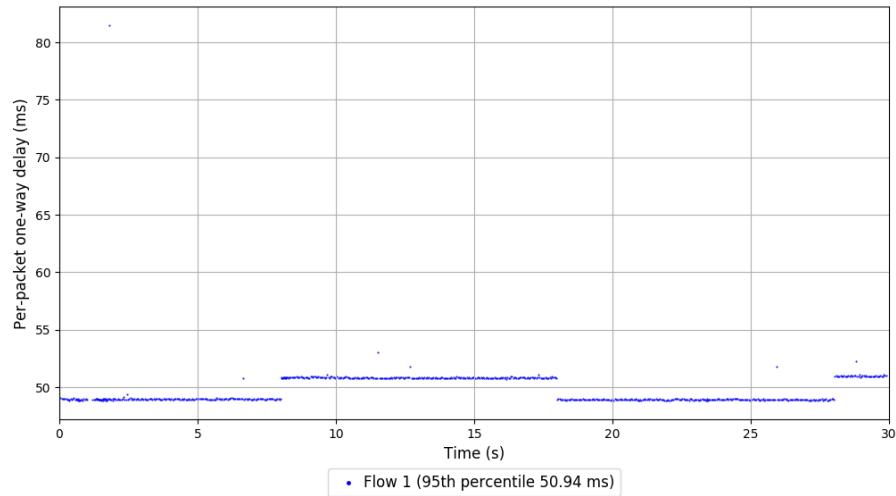
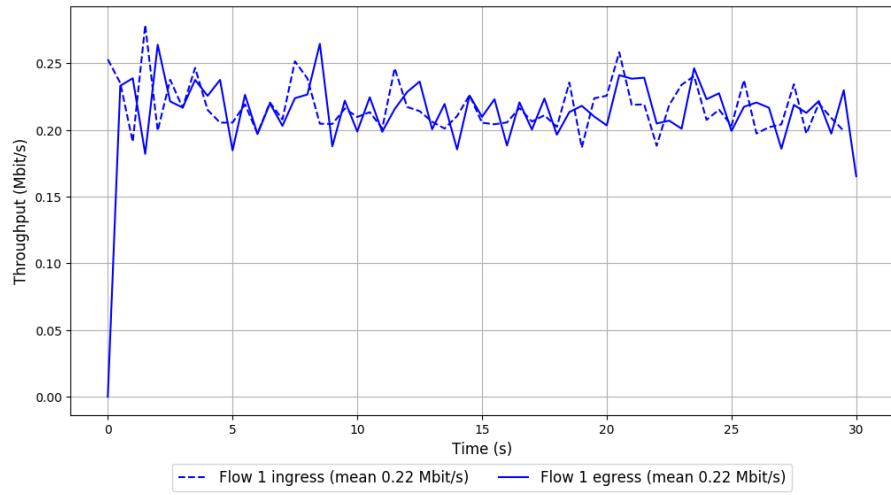


Run 2: Statistics of SCReAM

```
Start at: 2018-05-26 09:40:12
End at: 2018-05-26 09:40:42
Local clock offset: -0.165 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.937 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.937 ms
Loss rate: 0.39%
```

Run 2: Report of SCReAM — Data Link

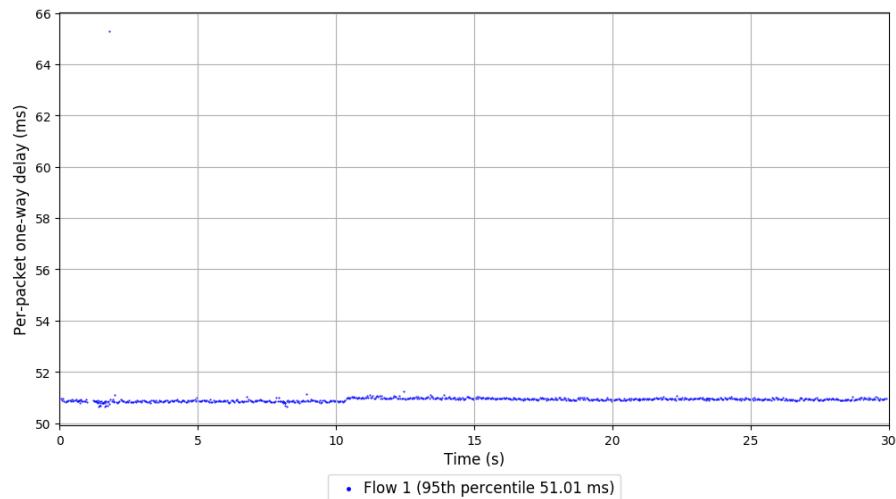
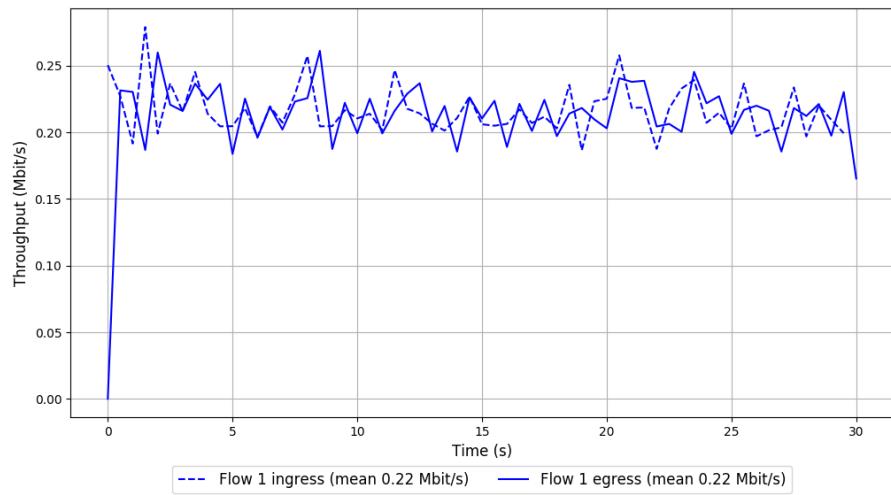


Run 3: Statistics of SCReAM

```
Start at: 2018-05-26 10:00:20
End at: 2018-05-26 10:00:50
Local clock offset: -0.239 ms
Remote clock offset: -0.114 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.010 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.010 ms
Loss rate: 0.39%
```

Run 3: Report of SCReAM — Data Link

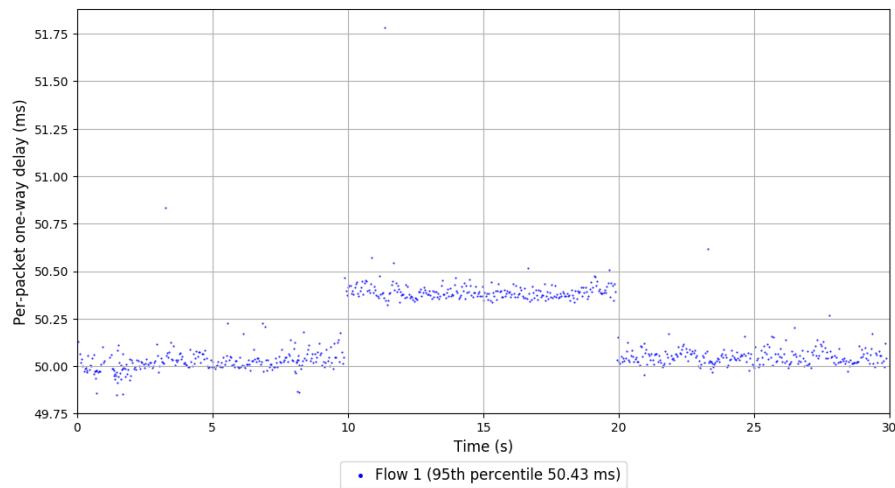
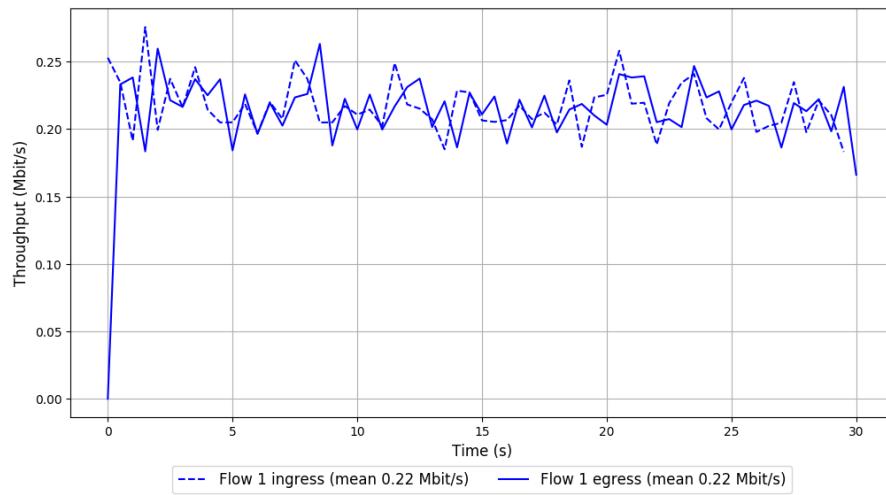


Run 4: Statistics of SCReAM

```
Start at: 2018-05-26 10:20:40
End at: 2018-05-26 10:21:10
Local clock offset: 0.152 ms
Remote clock offset: -0.102 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.426 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.426 ms
Loss rate: 0.26%
```

Run 4: Report of SCReAM — Data Link

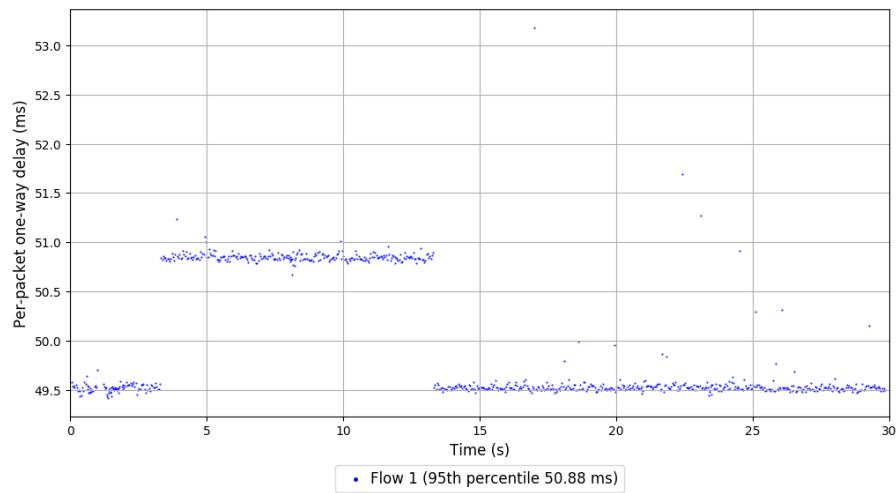
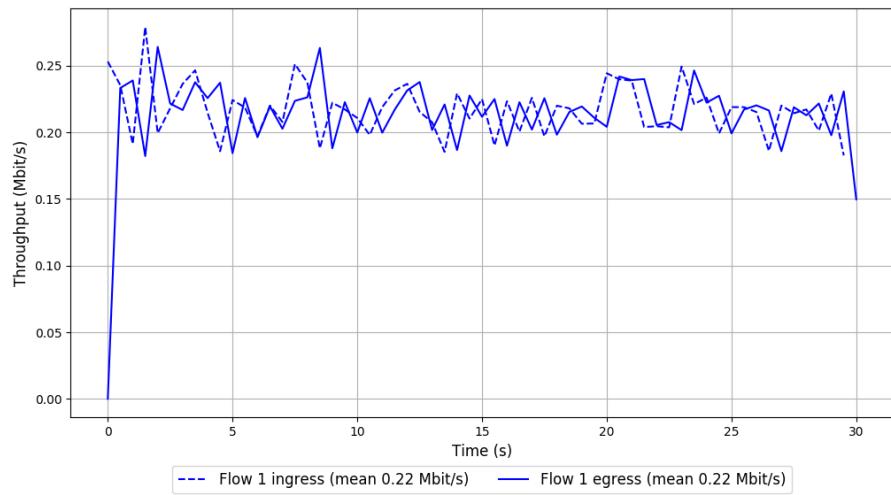


Run 5: Statistics of SCReAM

```
Start at: 2018-05-26 10:40:47
End at: 2018-05-26 10:41:17
Local clock offset: -0.291 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.885 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.885 ms
Loss rate: 0.38%
```

Run 5: Report of SCReAM — Data Link

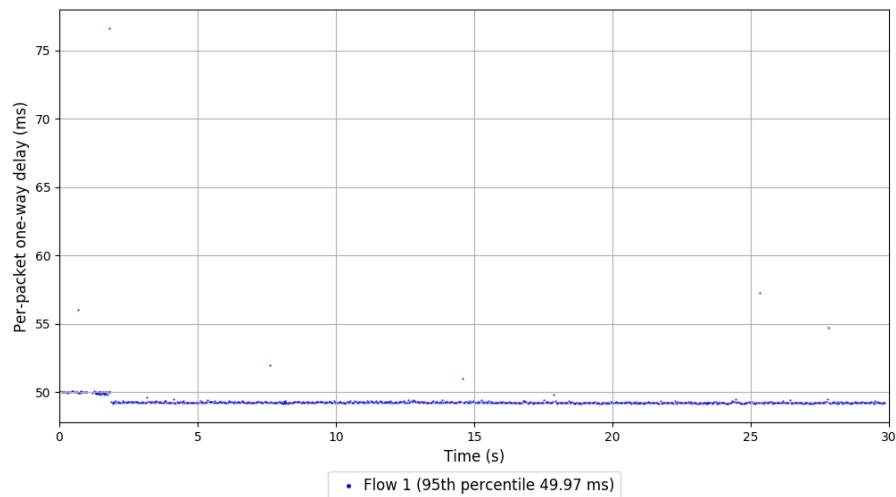
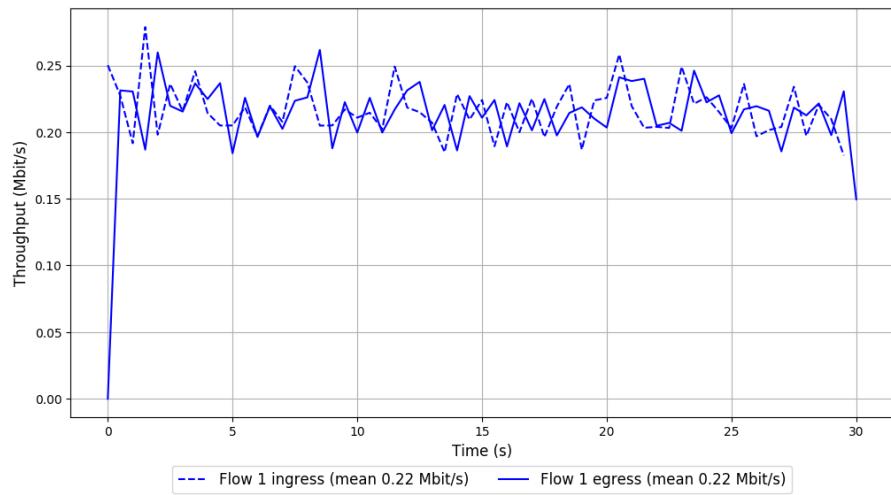


Run 6: Statistics of SCReAM

```
Start at: 2018-05-26 11:00:49
End at: 2018-05-26 11:01:19
Local clock offset: 0.188 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.974 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.974 ms
Loss rate: 0.38%
```

Run 6: Report of SCReAM — Data Link

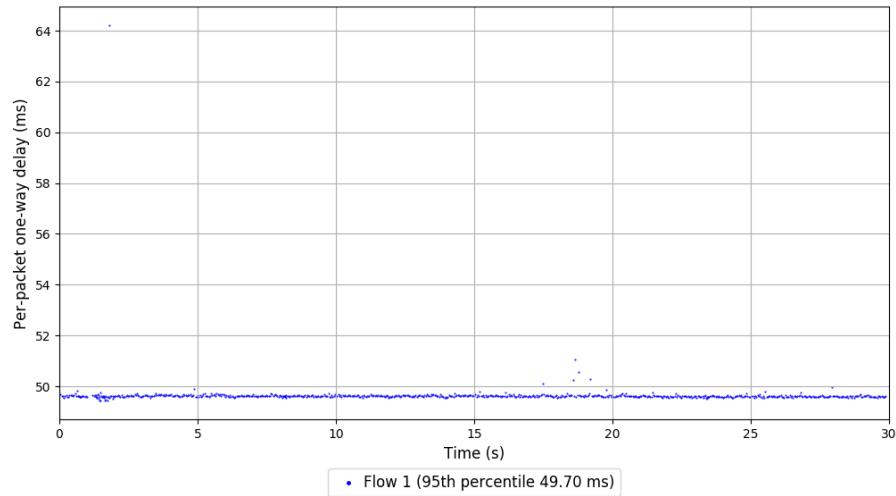
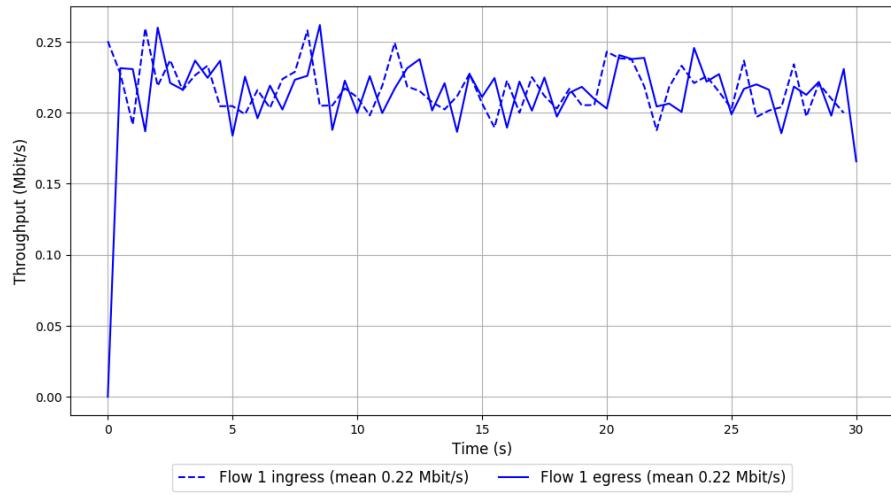


Run 7: Statistics of SCReAM

```
Start at: 2018-05-26 11:21:04
End at: 2018-05-26 11:21:34
Local clock offset: -0.103 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.701 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.701 ms
Loss rate: 0.39%
```

Run 7: Report of SCReAM — Data Link

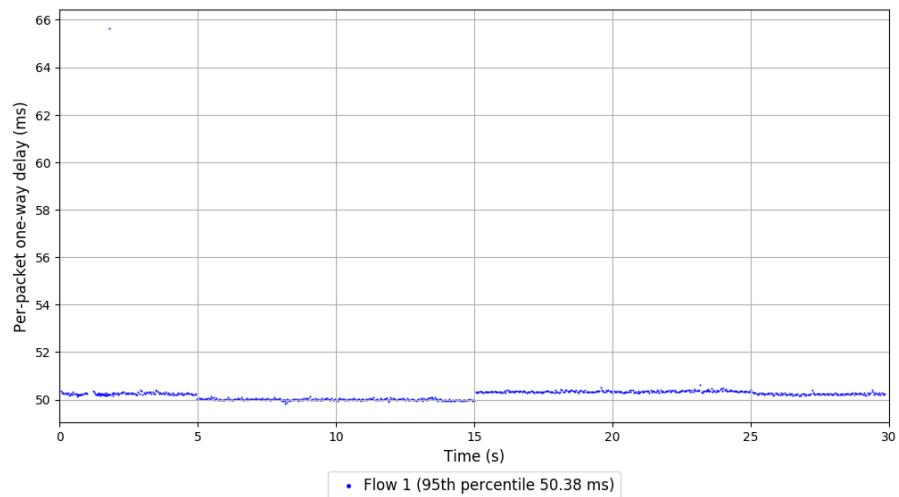
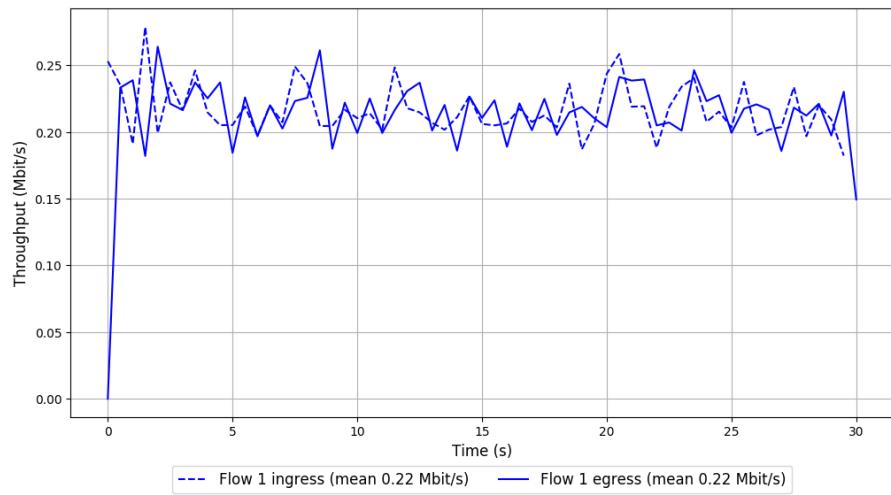


Run 8: Statistics of SCReAM

```
Start at: 2018-05-26 11:41:25
End at: 2018-05-26 11:41:55
Local clock offset: 0.253 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.384 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.384 ms
Loss rate: 0.38%
```

Run 8: Report of SCReAM — Data Link

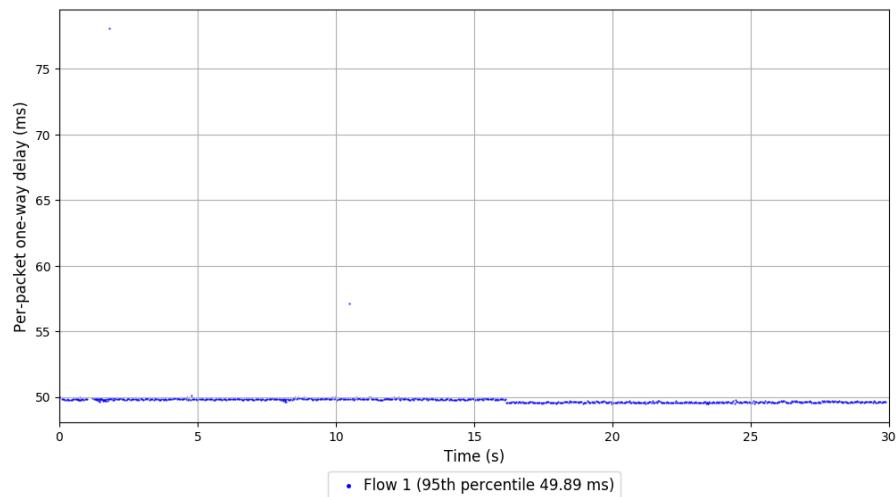
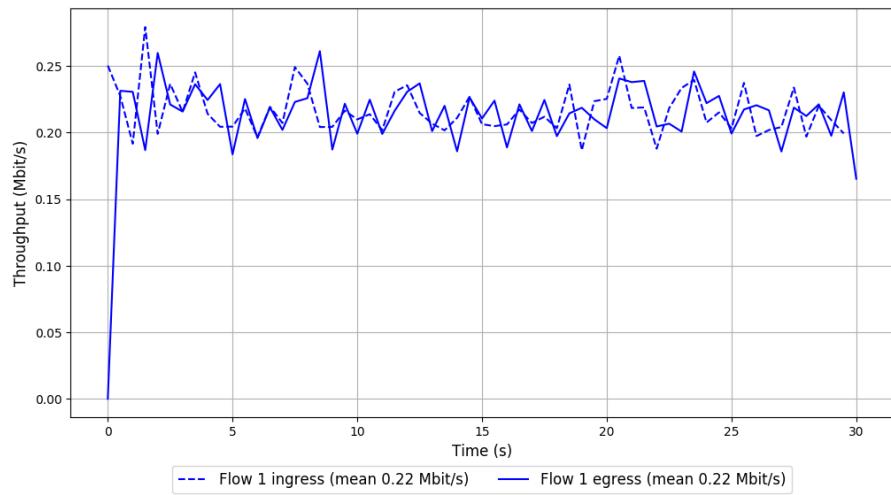


Run 9: Statistics of SCReAM

```
Start at: 2018-05-26 12:01:34
End at: 2018-05-26 12:02:04
Local clock offset: -0.171 ms
Remote clock offset: 0.031 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.889 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.889 ms
Loss rate: 0.39%
```

Run 9: Report of SCReAM — Data Link

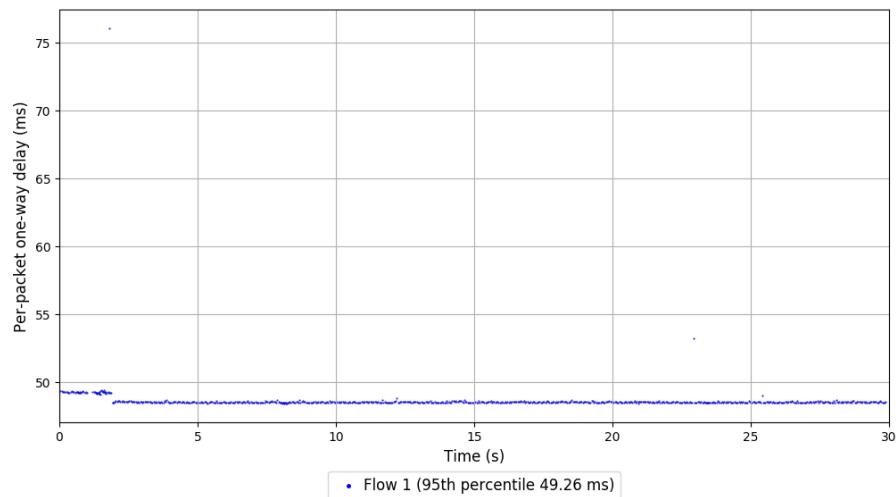
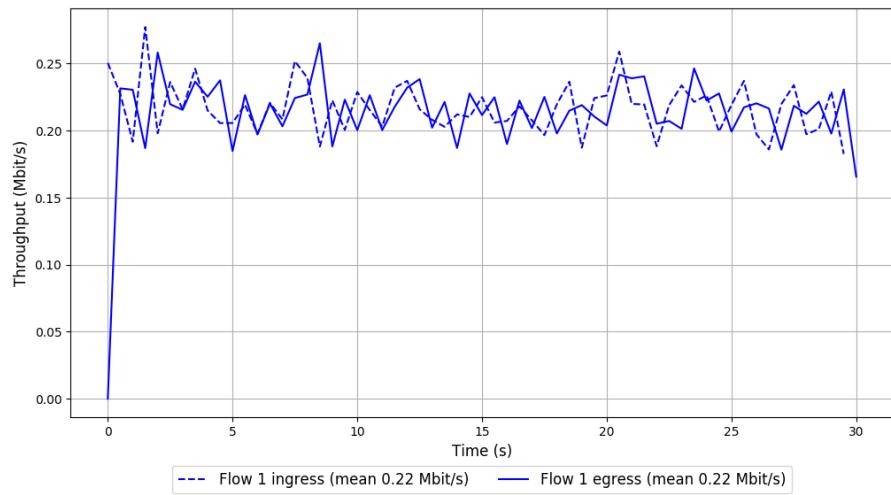


Run 10: Statistics of SCReAM

```
Start at: 2018-05-26 12:21:58
End at: 2018-05-26 12:22:28
Local clock offset: -0.548 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.264 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.264 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

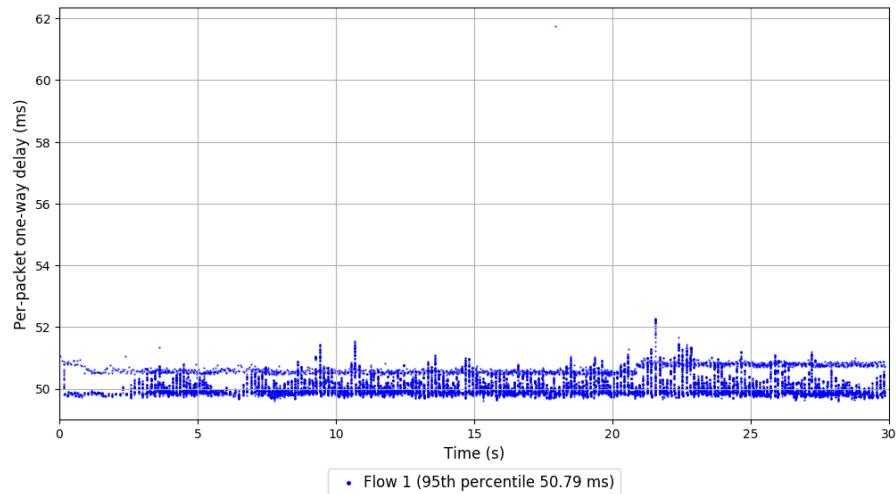
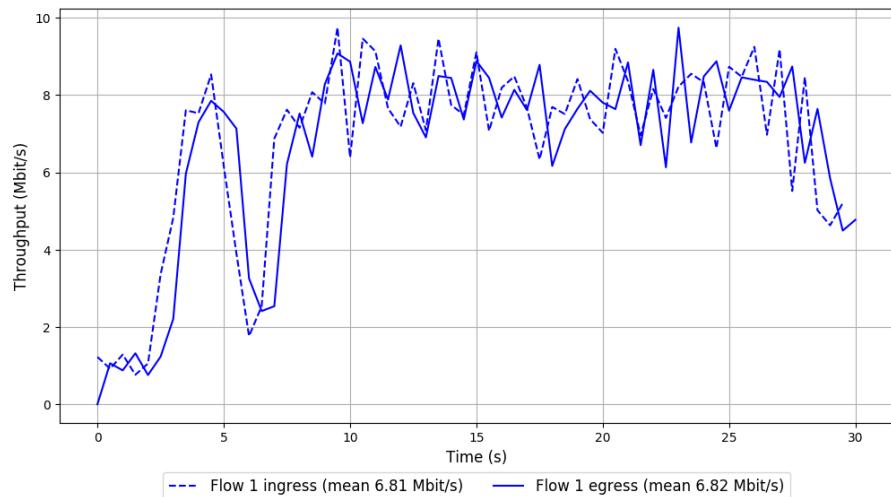


Run 1: Statistics of Sprout

```
Start at: 2018-05-26 09:16:09
End at: 2018-05-26 09:16:39
Local clock offset: -0.274 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 50.793 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 50.793 ms
Loss rate: 0.14%
```

Run 1: Report of Sprout — Data Link

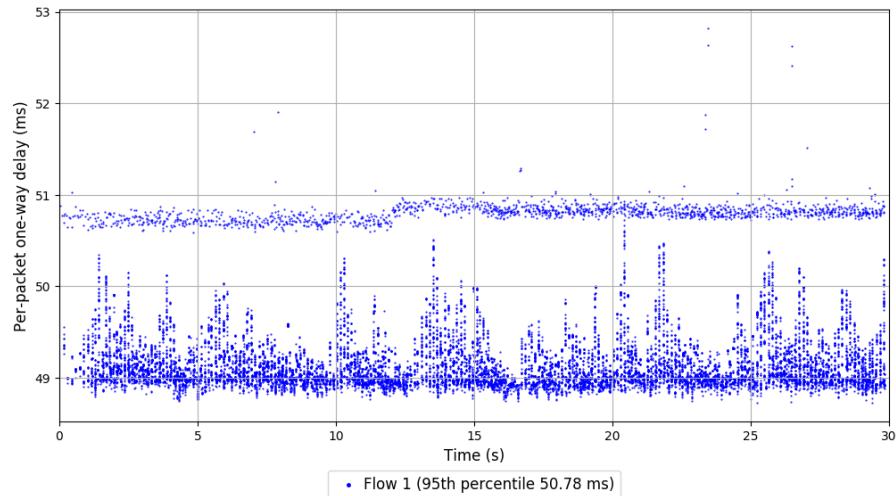
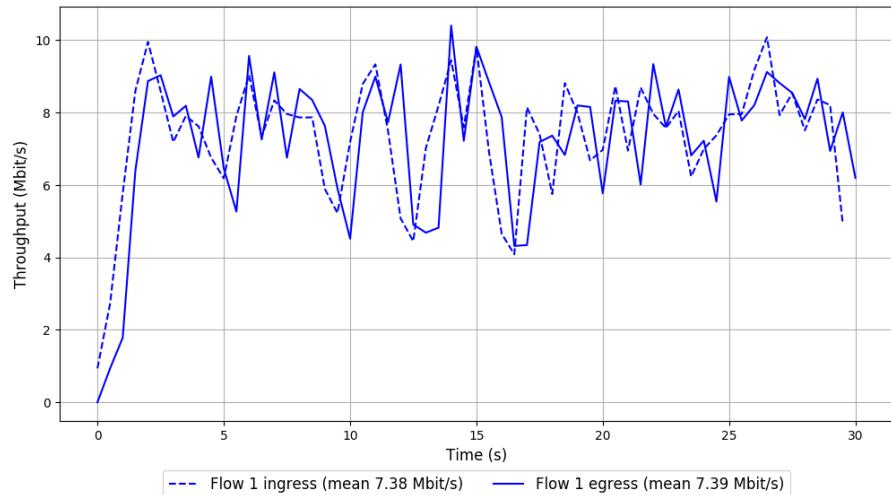


Run 2: Statistics of Sprout

```
Start at: 2018-05-26 09:36:18
End at: 2018-05-26 09:36:48
Local clock offset: -0.157 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.39 Mbit/s
95th percentile per-packet one-way delay: 50.781 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 7.39 Mbit/s
95th percentile per-packet one-way delay: 50.781 ms
Loss rate: 0.08%
```

Run 2: Report of Sprout — Data Link

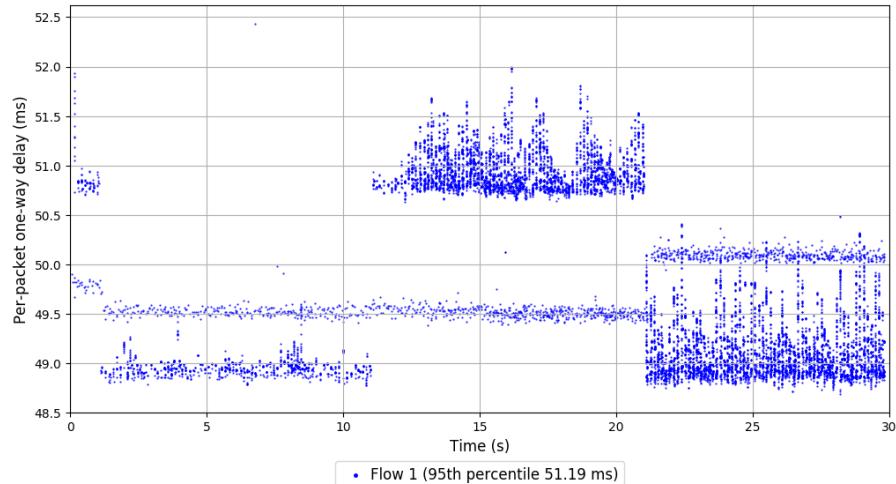
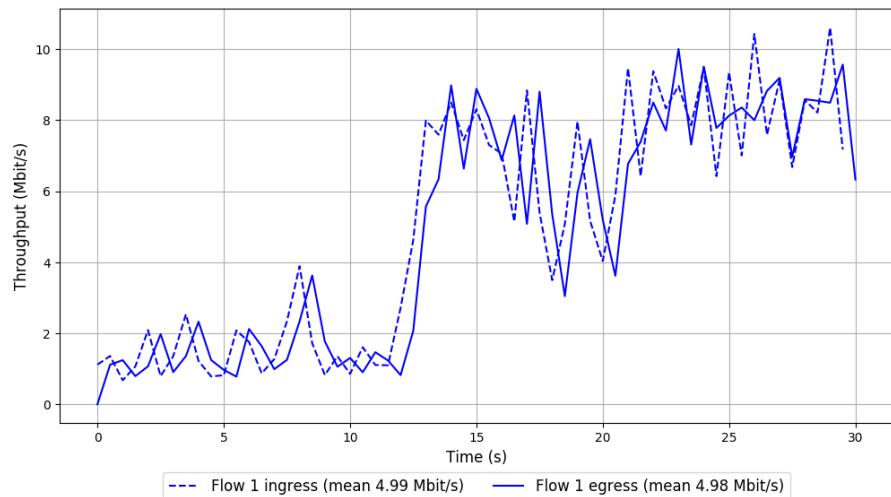


Run 3: Statistics of Sprout

```
Start at: 2018-05-26 09:56:29
End at: 2018-05-26 09:56:59
Local clock offset: -0.257 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 51.189 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 51.189 ms
Loss rate: 0.63%
```

Run 3: Report of Sprout — Data Link

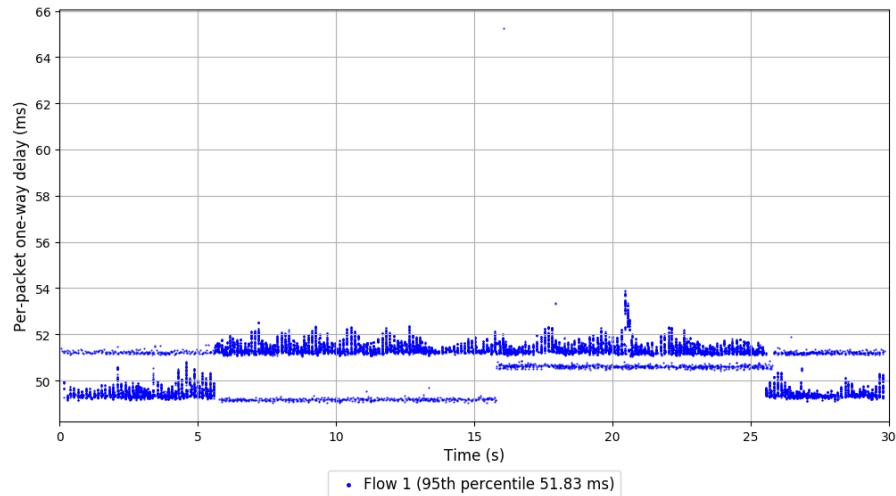
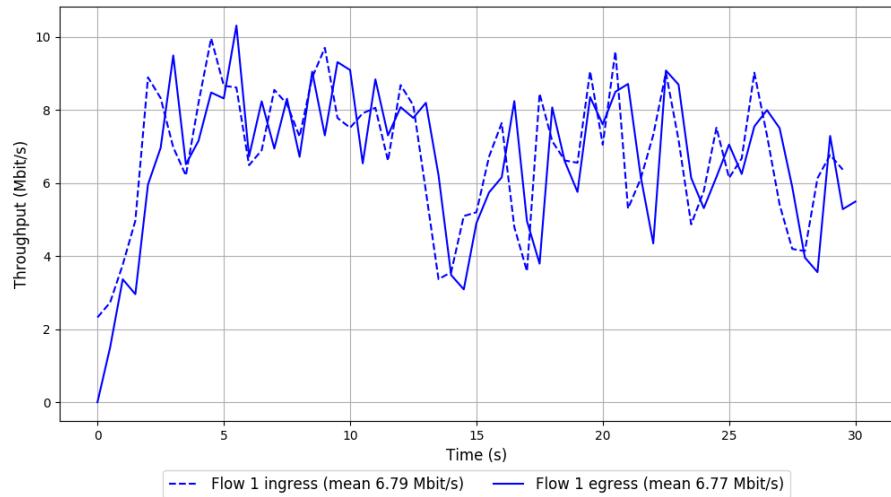


Run 4: Statistics of Sprout

```
Start at: 2018-05-26 10:16:45
End at: 2018-05-26 10:17:15
Local clock offset: 0.136 ms
Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 51.832 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 51.832 ms
Loss rate: 0.59%
```

Run 4: Report of Sprout — Data Link

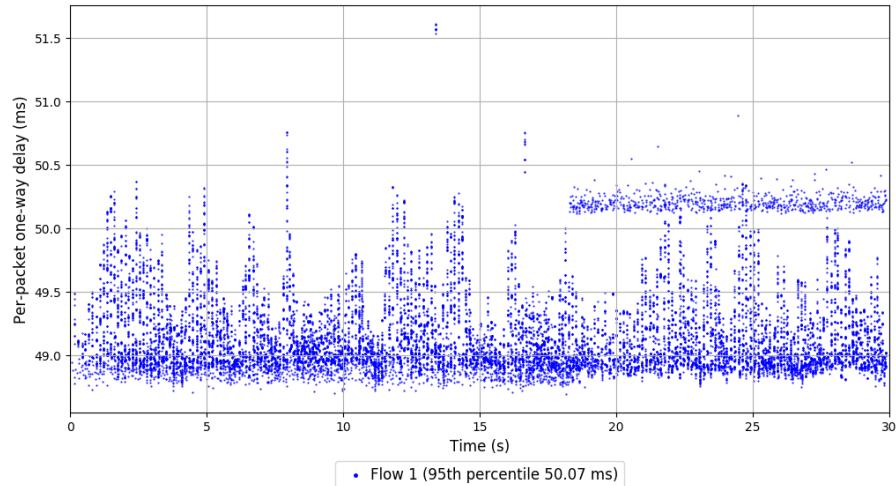
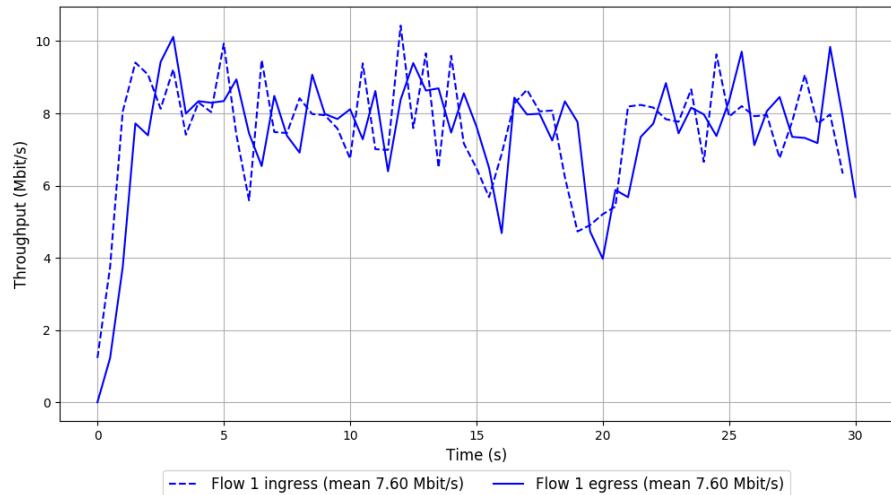


Run 5: Statistics of Sprout

```
Start at: 2018-05-26 10:36:52
End at: 2018-05-26 10:37:22
Local clock offset: -0.234 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 50.067 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 50.067 ms
Loss rate: 0.21%
```

Run 5: Report of Sprout — Data Link

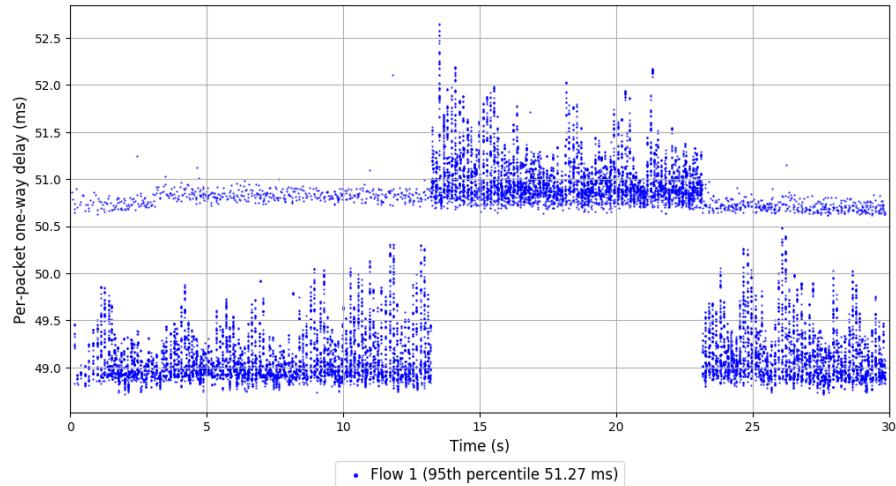
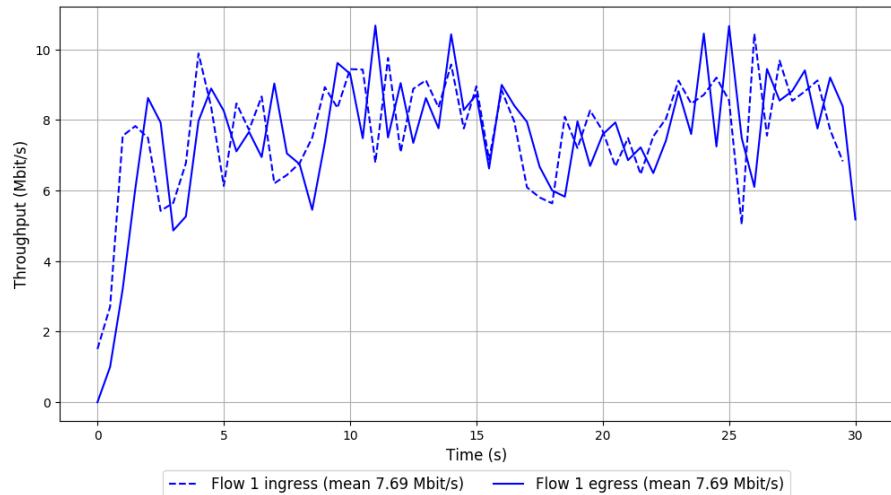


Run 6: Statistics of Sprout

```
Start at: 2018-05-26 10:56:57
End at: 2018-05-26 10:57:27
Local clock offset: -0.186 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 51.265 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 51.265 ms
Loss rate: 0.43%
```

Run 6: Report of Sprout — Data Link

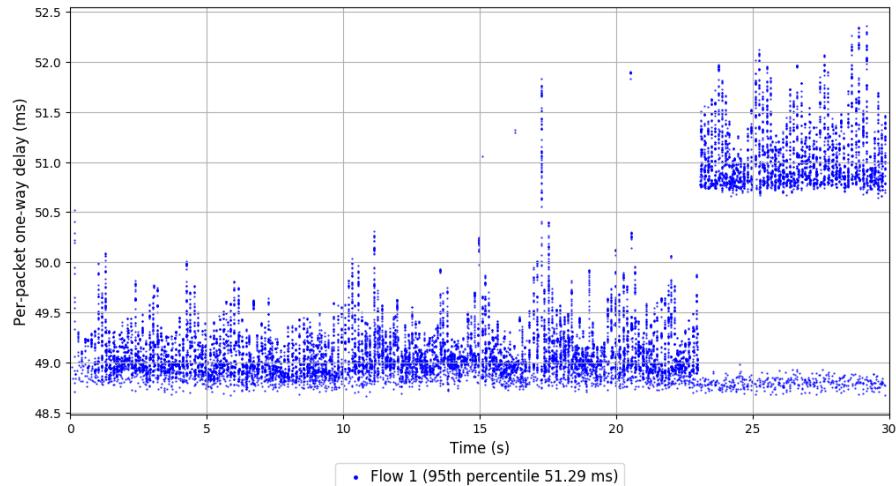
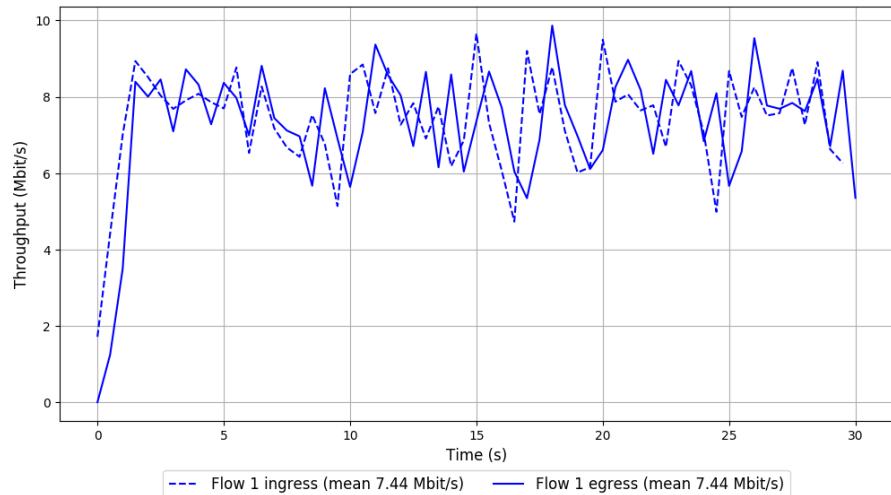


Run 7: Statistics of Sprout

```
Start at: 2018-05-26 11:17:07
End at: 2018-05-26 11:17:37
Local clock offset: -0.132 ms
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.44 Mbit/s
95th percentile per-packet one-way delay: 51.290 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 7.44 Mbit/s
95th percentile per-packet one-way delay: 51.290 ms
Loss rate: 0.24%
```

Run 7: Report of Sprout — Data Link

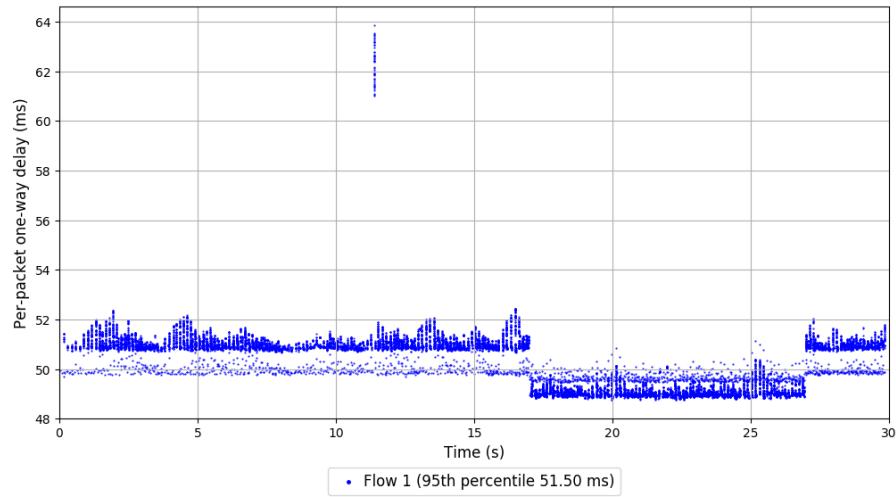
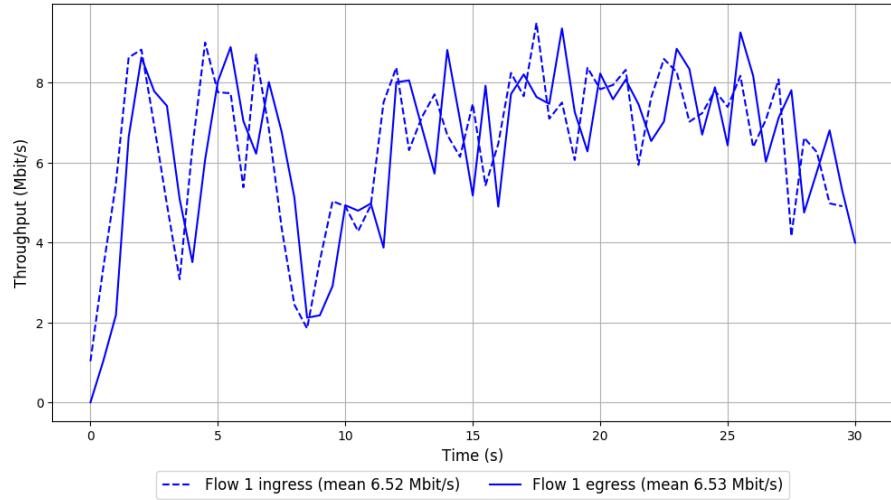


Run 8: Statistics of Sprout

```
Start at: 2018-05-26 11:37:33
End at: 2018-05-26 11:38:03
Local clock offset: -0.084 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 51.502 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 51.502 ms
Loss rate: 0.23%
```

Run 8: Report of Sprout — Data Link

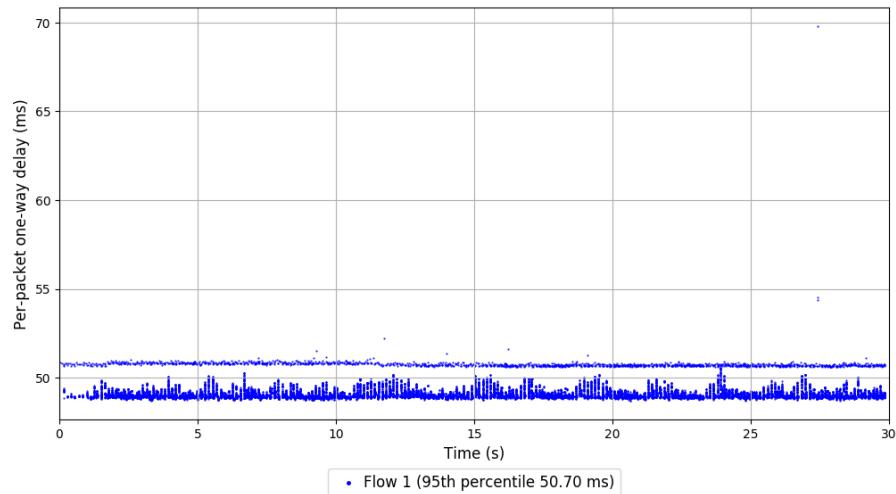
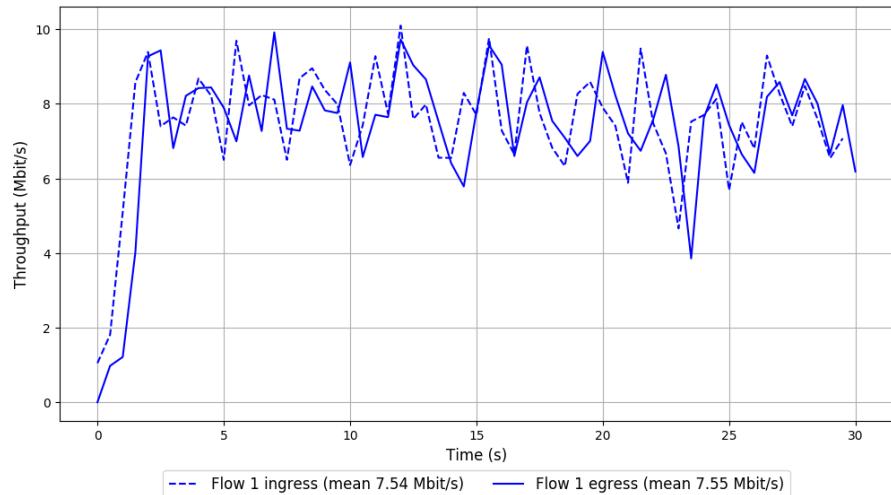


Run 9: Statistics of Sprout

```
Start at: 2018-05-26 11:57:49
End at: 2018-05-26 11:58:19
Local clock offset: -0.149 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.20%
```

Run 9: Report of Sprout — Data Link

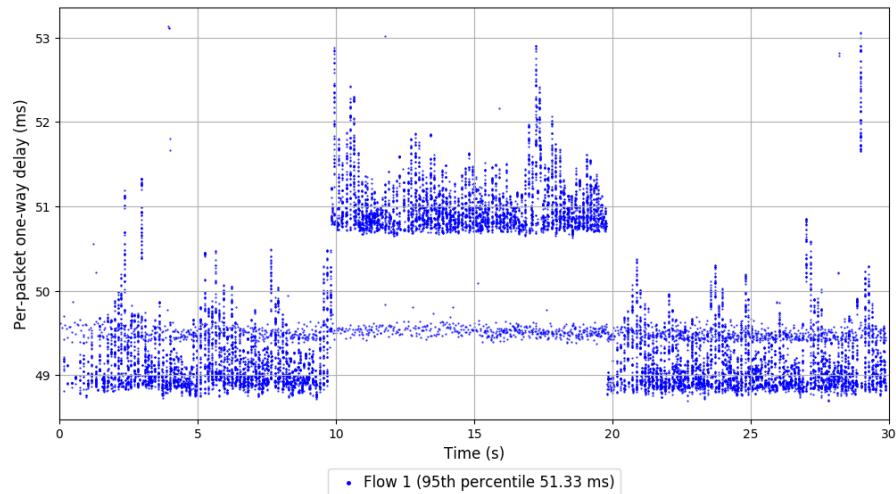
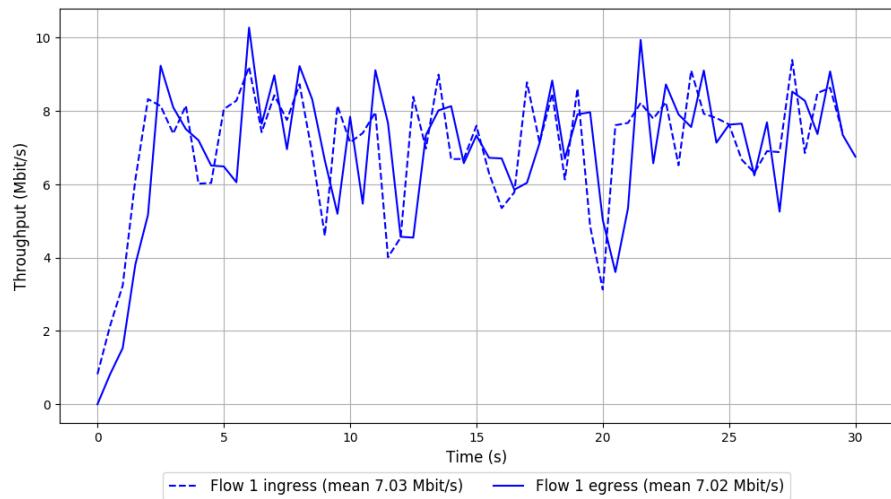


Run 10: Statistics of Sprout

```
Start at: 2018-05-26 12:18:01
End at: 2018-05-26 12:18:31
Local clock offset: -0.218 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 51.333 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 51.333 ms
Loss rate: 0.46%
```

Run 10: Report of Sprout — Data Link

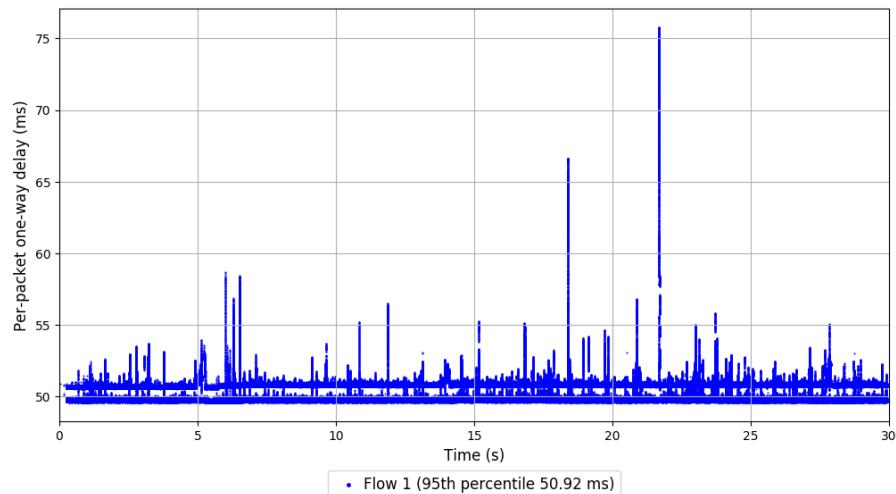
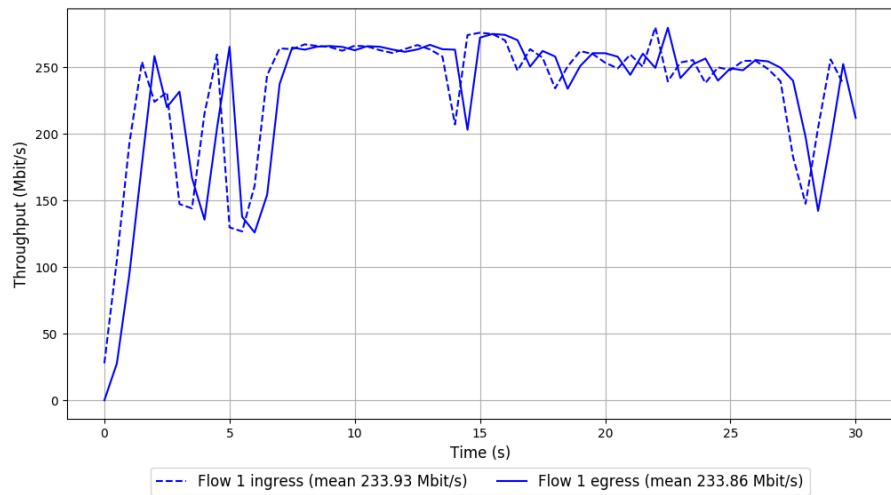


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-26 09:14:45
End at: 2018-05-26 09:15:15
Local clock offset: -0.251 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 233.86 Mbit/s
95th percentile per-packet one-way delay: 50.918 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 233.86 Mbit/s
95th percentile per-packet one-way delay: 50.918 ms
Loss rate: 0.37%
```

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

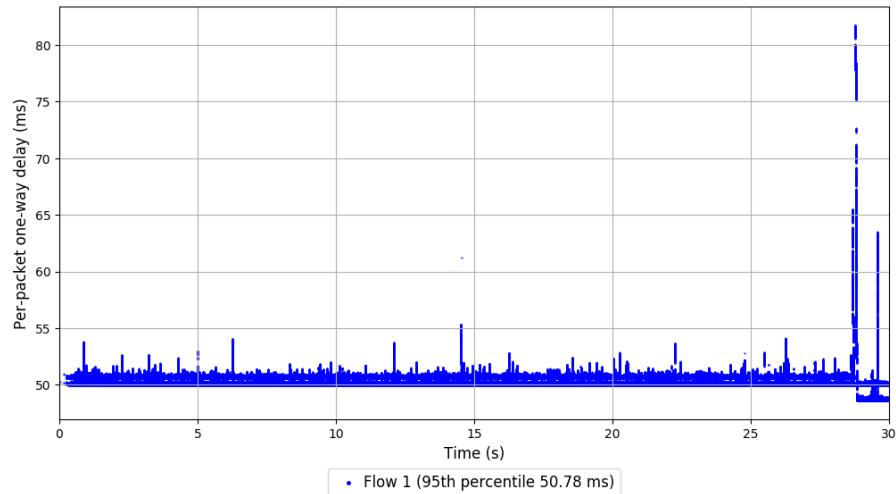
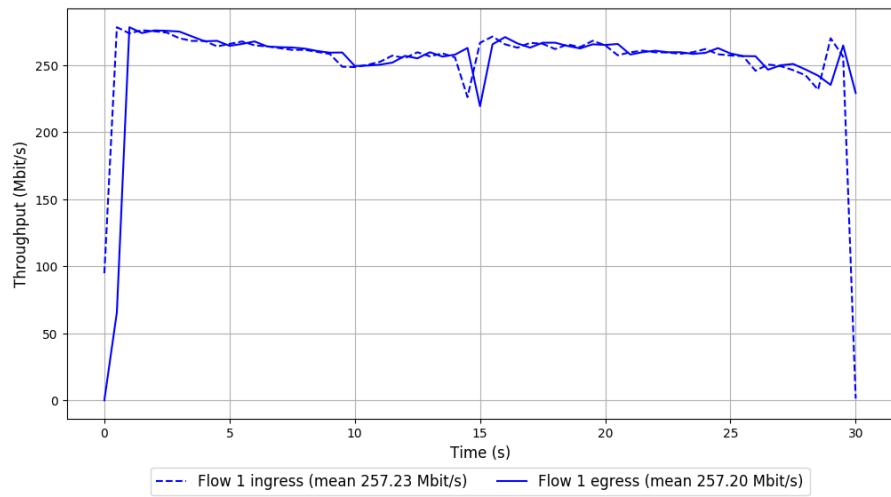


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-26 09:34:52
End at: 2018-05-26 09:35:22
Local clock offset: -0.212 ms
Remote clock offset: -0.014 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 257.20 Mbit/s
95th percentile per-packet one-way delay: 50.779 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 257.20 Mbit/s
95th percentile per-packet one-way delay: 50.779 ms
Loss rate: 0.35%
```

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

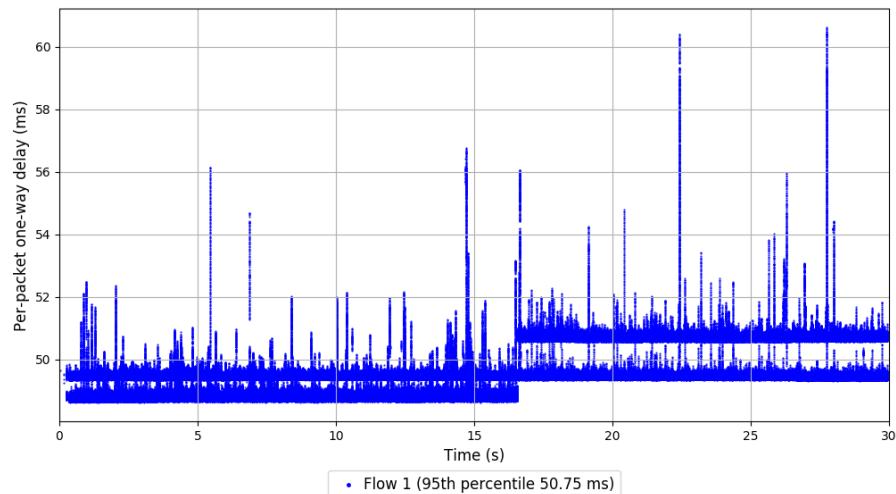
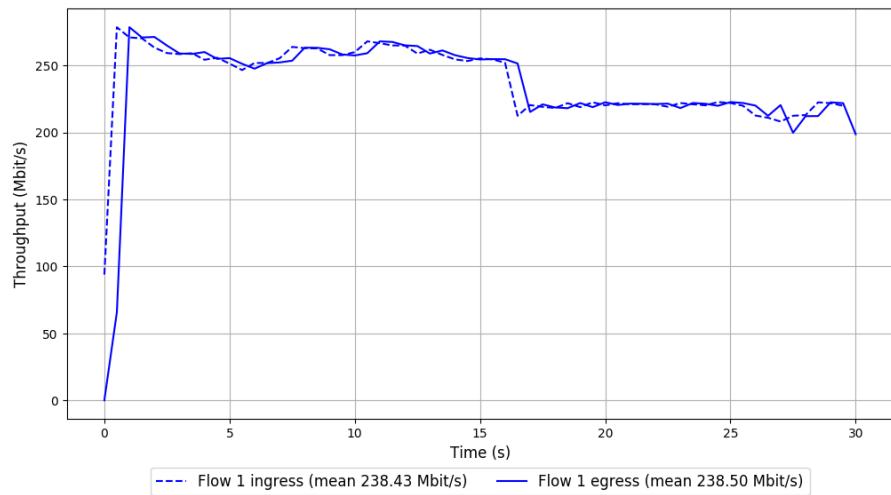


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-26 09:55:04
End at: 2018-05-26 09:55:34
Local clock offset: -0.26 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 238.50 Mbit/s
95th percentile per-packet one-way delay: 50.747 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 238.50 Mbit/s
95th percentile per-packet one-way delay: 50.747 ms
Loss rate: 0.31%
```

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

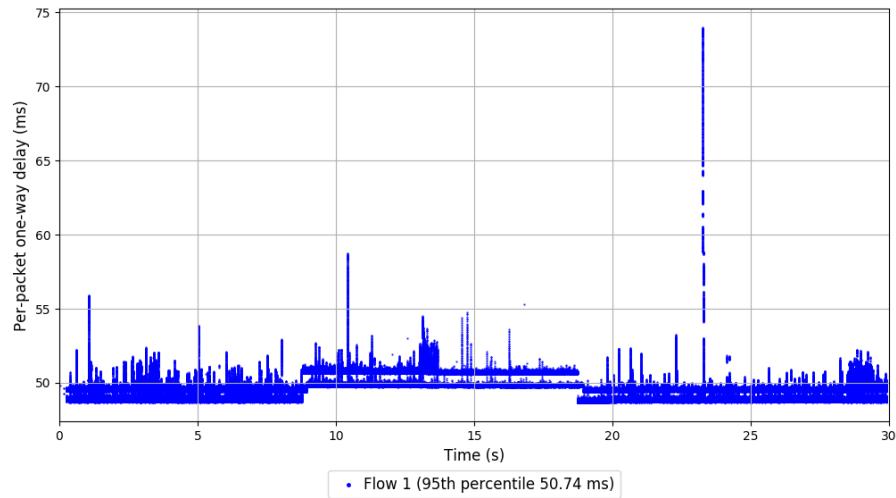
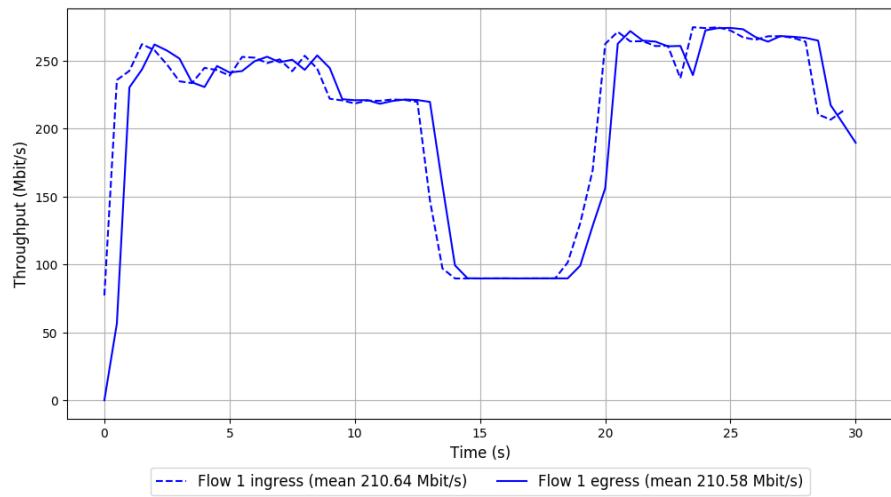


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-26 10:15:22
End at: 2018-05-26 10:15:52
Local clock offset: -0.253 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.58 Mbit/s
95th percentile per-packet one-way delay: 50.745 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 210.58 Mbit/s
95th percentile per-packet one-way delay: 50.745 ms
Loss rate: 0.36%
```

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

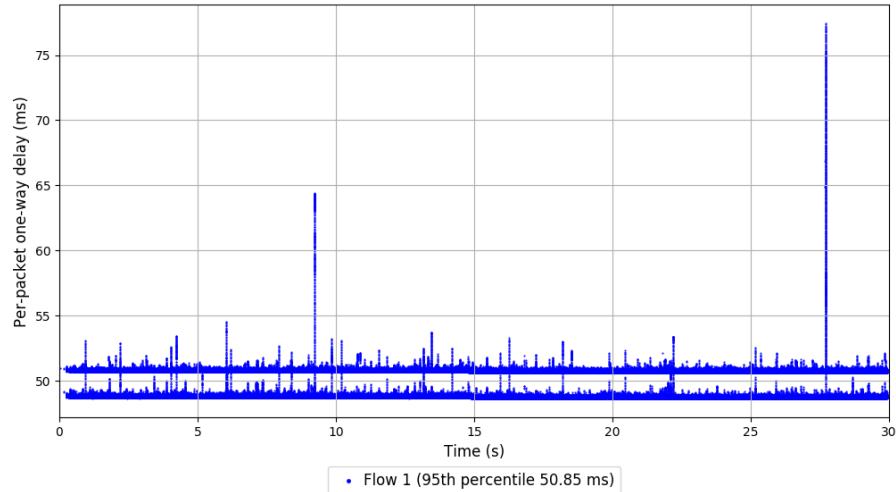
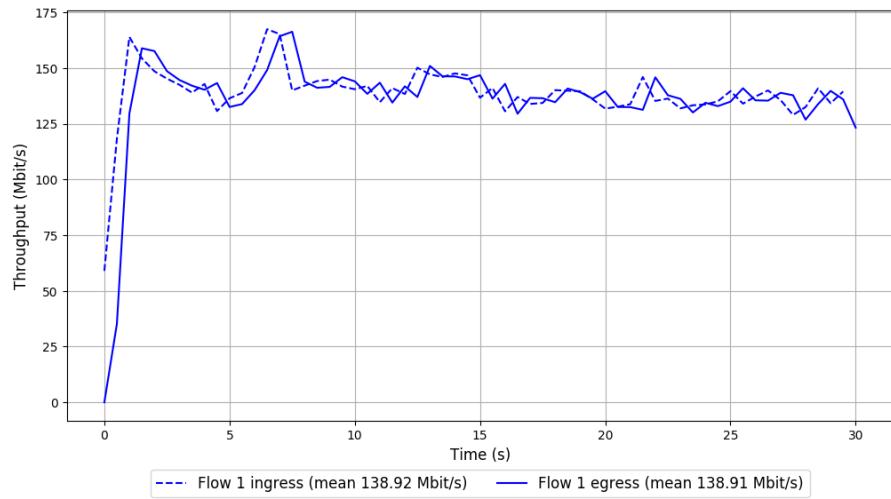


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-26 10:35:36
End at: 2018-05-26 10:36:06
Local clock offset: -0.246 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2018-05-26 13:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 138.91 Mbit/s
95th percentile per-packet one-way delay: 50.846 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 138.91 Mbit/s
95th percentile per-packet one-way delay: 50.846 ms
Loss rate: 0.35%
```

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

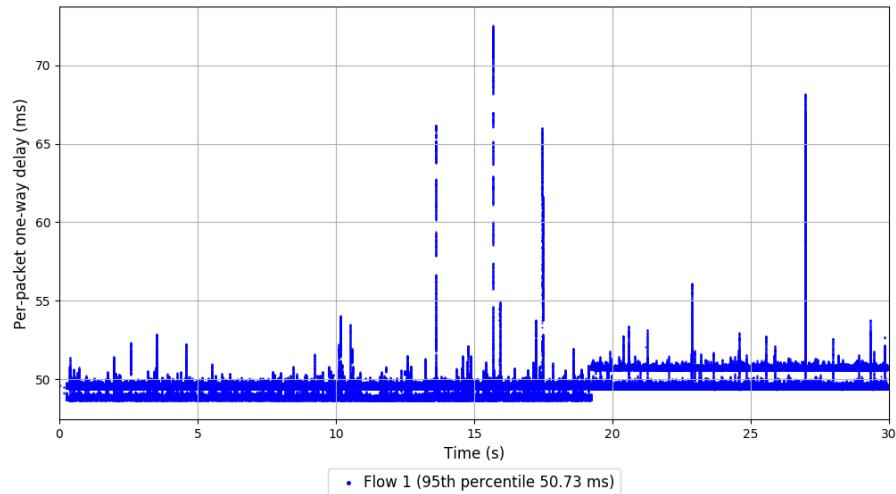
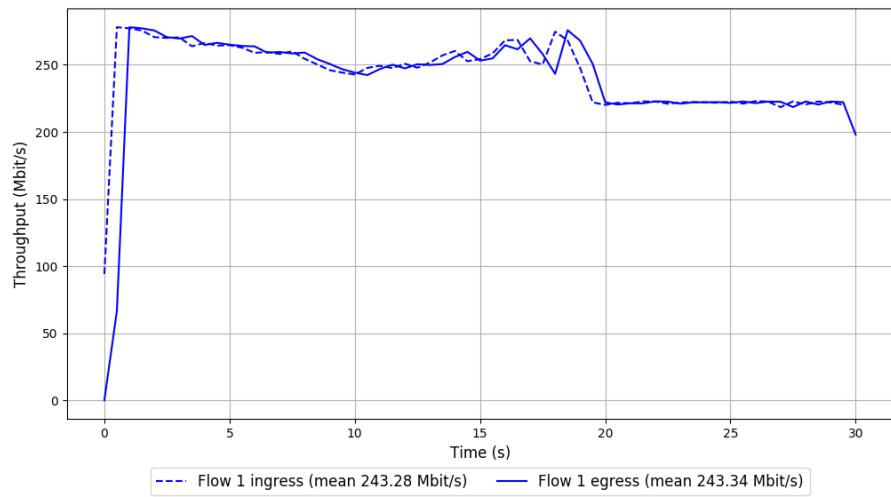


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-26 10:55:31
End at: 2018-05-26 10:56:01
Local clock offset: -0.2 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-05-26 13:42:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 243.34 Mbit/s
95th percentile per-packet one-way delay: 50.734 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 243.34 Mbit/s
95th percentile per-packet one-way delay: 50.734 ms
Loss rate: 0.31%
```

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

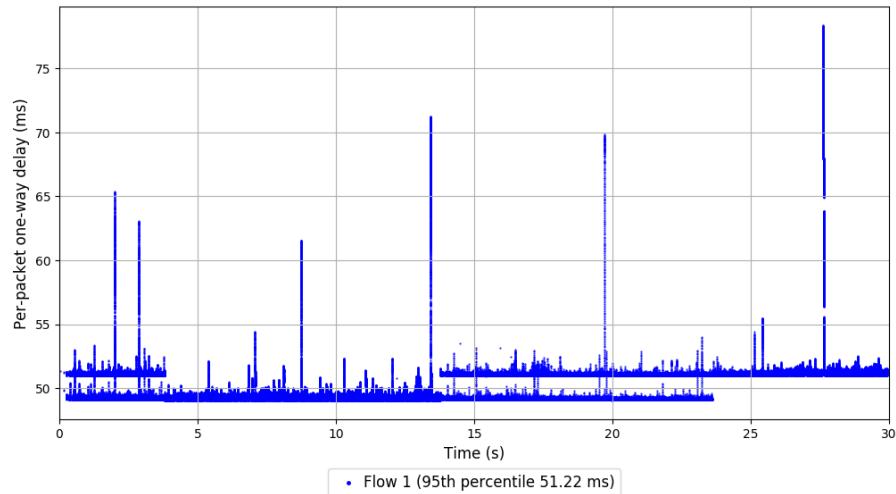
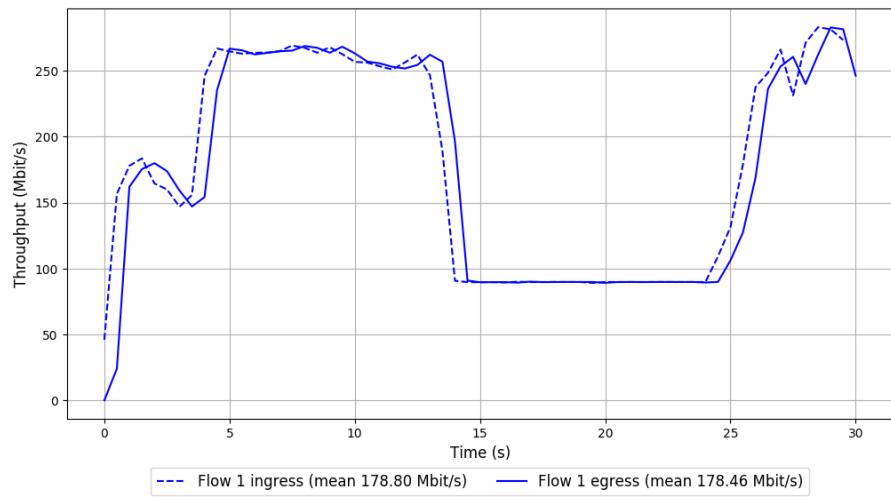


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-26 11:15:47
End at: 2018-05-26 11:16:17
Local clock offset: 0.312 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2018-05-26 13:43:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 178.46 Mbit/s
95th percentile per-packet one-way delay: 51.218 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 178.46 Mbit/s
95th percentile per-packet one-way delay: 51.218 ms
Loss rate: 0.52%
```

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

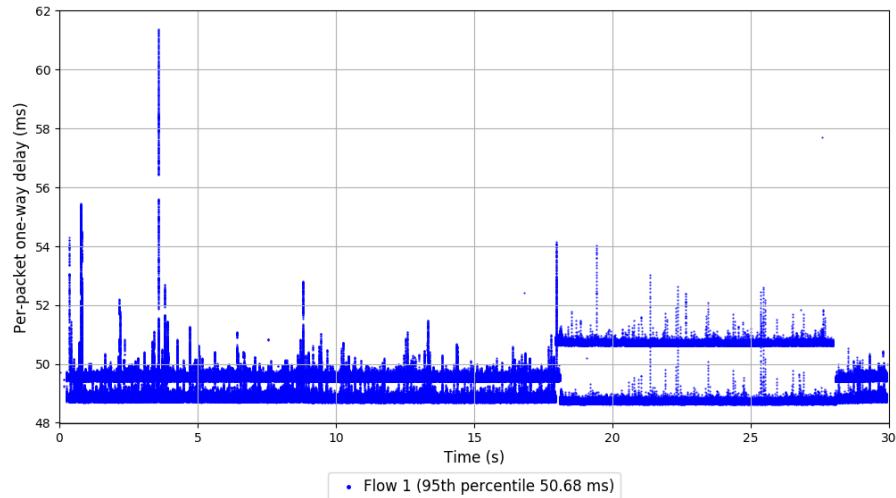
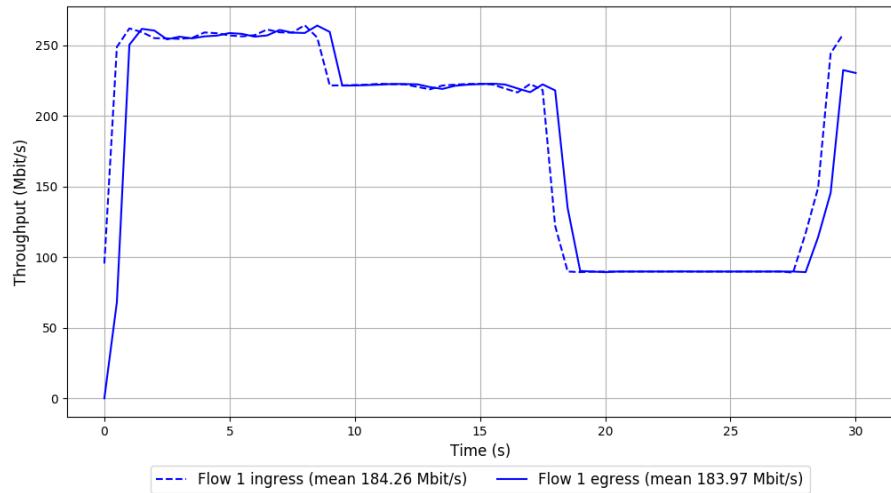


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-26 11:36:12
End at: 2018-05-26 11:36:42
Local clock offset: -0.127 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-05-26 13:44:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 183.97 Mbit/s
95th percentile per-packet one-way delay: 50.684 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 183.97 Mbit/s
95th percentile per-packet one-way delay: 50.684 ms
Loss rate: 0.49%
```

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

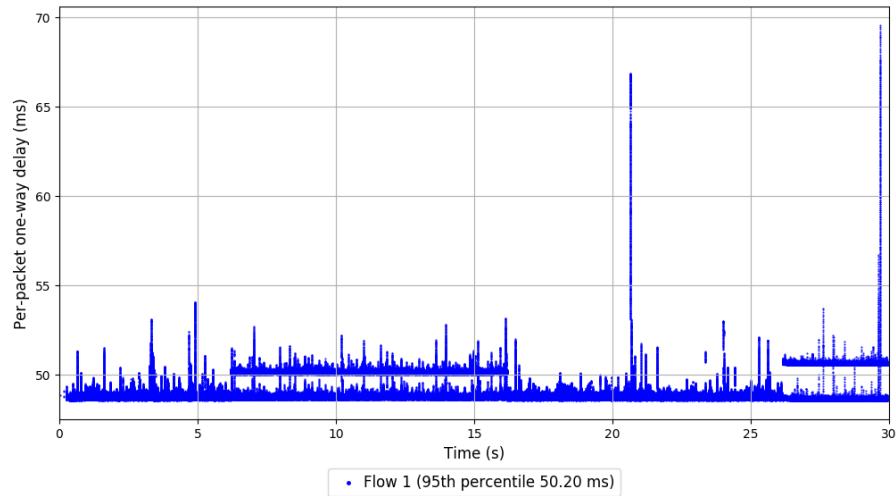
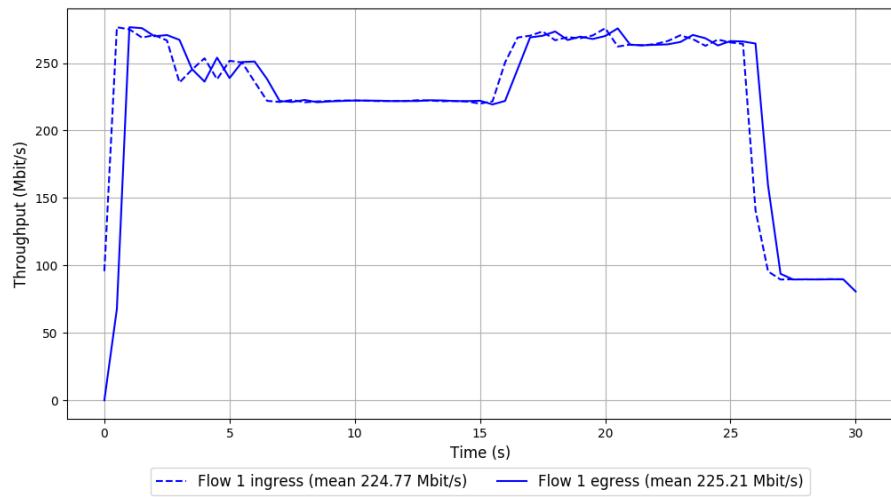


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-26 11:56:24
End at: 2018-05-26 11:56:54
Local clock offset: -0.201 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at 2018-05-26 13:47:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.21 Mbit/s
95th percentile per-packet one-way delay: 50.198 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 225.21 Mbit/s
95th percentile per-packet one-way delay: 50.198 ms
Loss rate: 0.13%
```

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

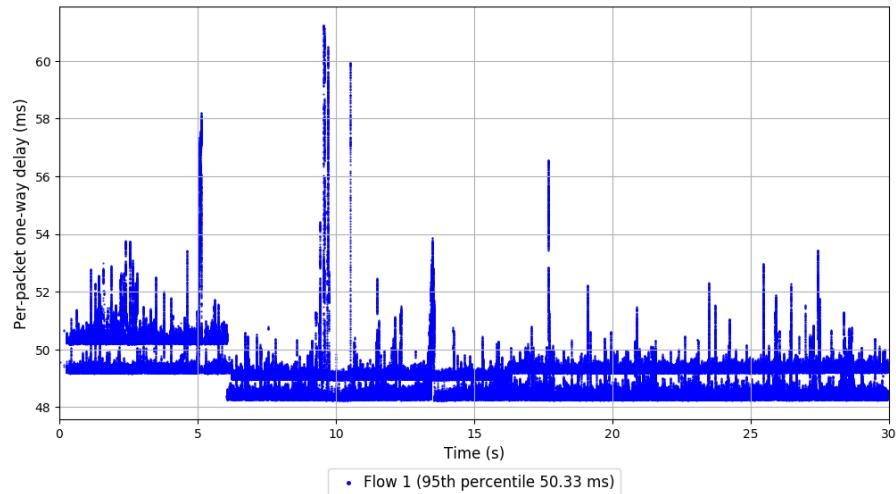
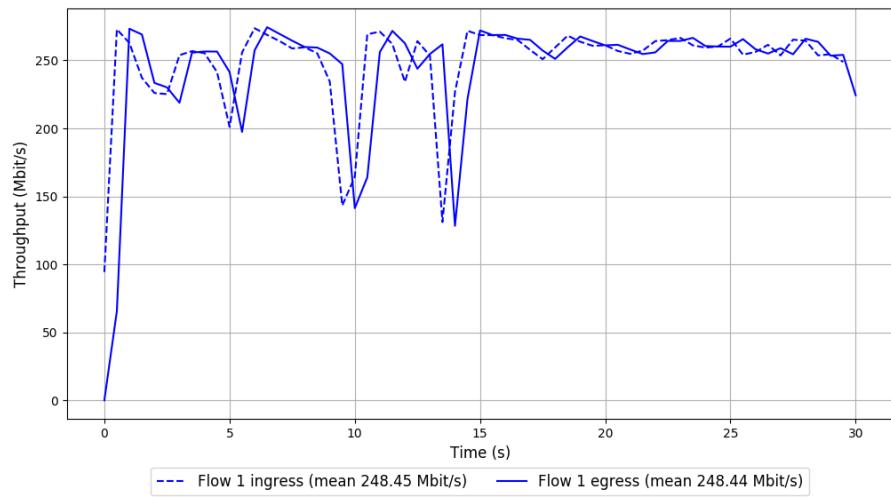


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-26 12:16:34
End at: 2018-05-26 12:17:04
Local clock offset: -0.6 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 248.44 Mbit/s
95th percentile per-packet one-way delay: 50.330 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 248.44 Mbit/s
95th percentile per-packet one-way delay: 50.330 ms
Loss rate: 0.34%
```

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

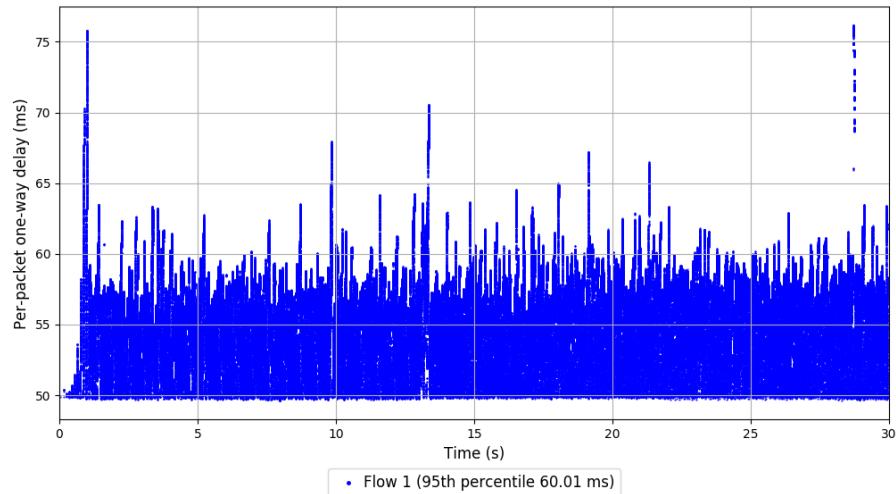
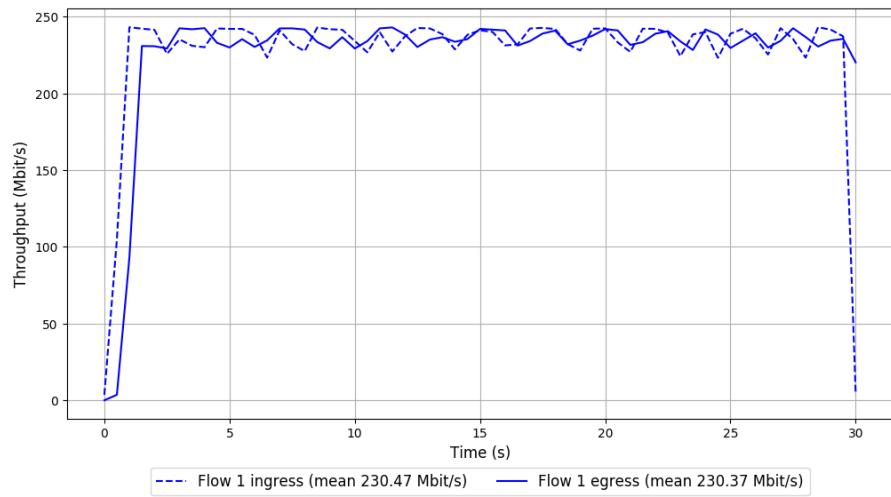


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-26 09:13:29
End at: 2018-05-26 09:13:59
Local clock offset: -0.267 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.37 Mbit/s
95th percentile per-packet one-way delay: 60.007 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 230.37 Mbit/s
95th percentile per-packet one-way delay: 60.007 ms
Loss rate: 0.38%
```

Run 1: Report of TCP Vegas — Data Link

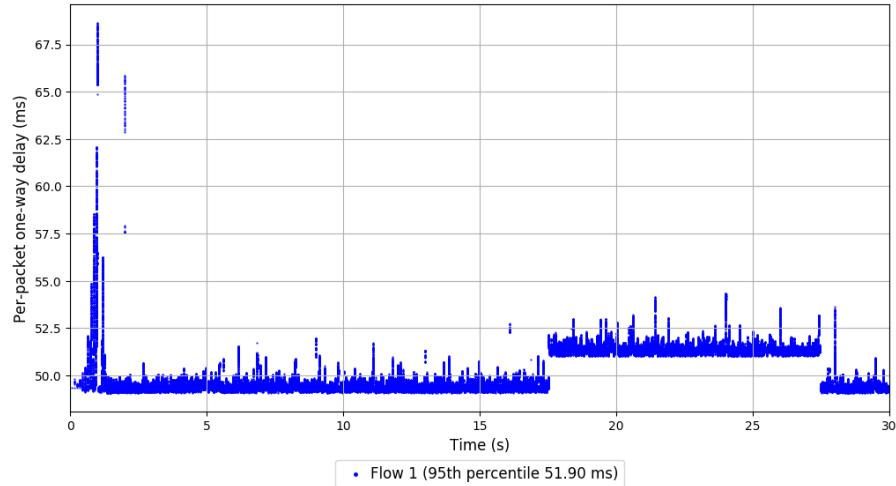
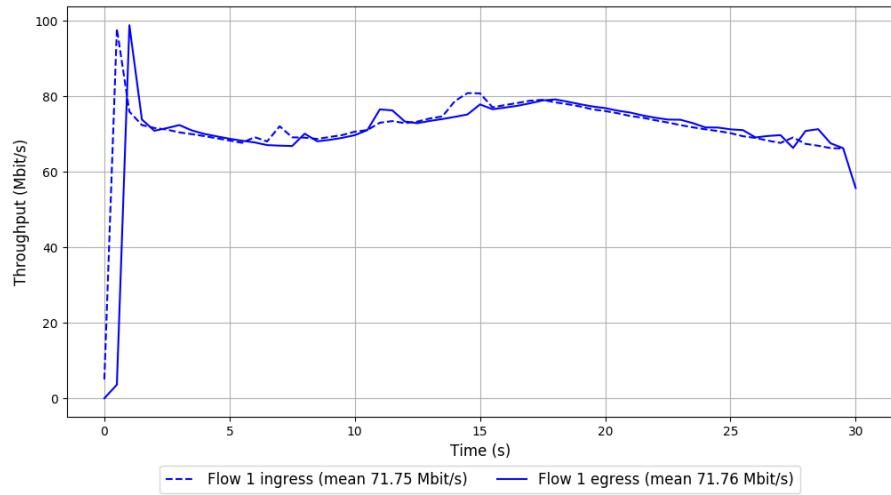


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-26 09:33:43
End at: 2018-05-26 09:34:13
Local clock offset: 0.203 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 51.900 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 51.900 ms
Loss rate: 0.31%
```

Run 2: Report of TCP Vegas — Data Link

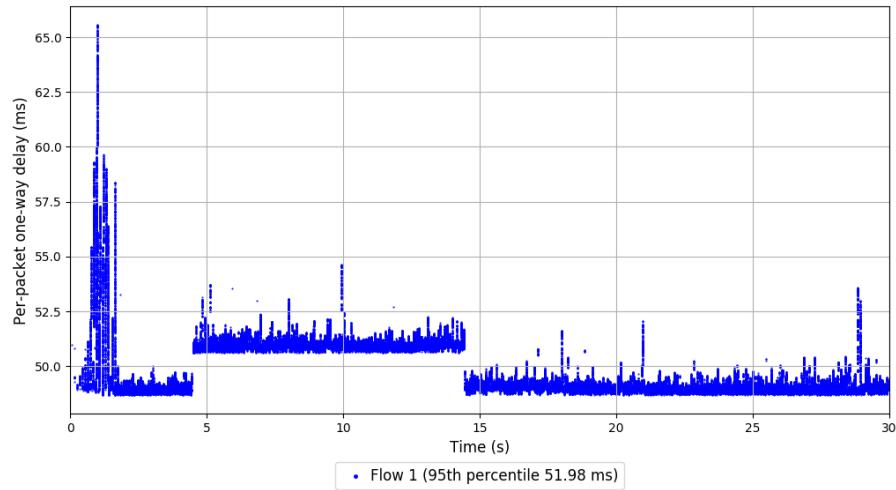
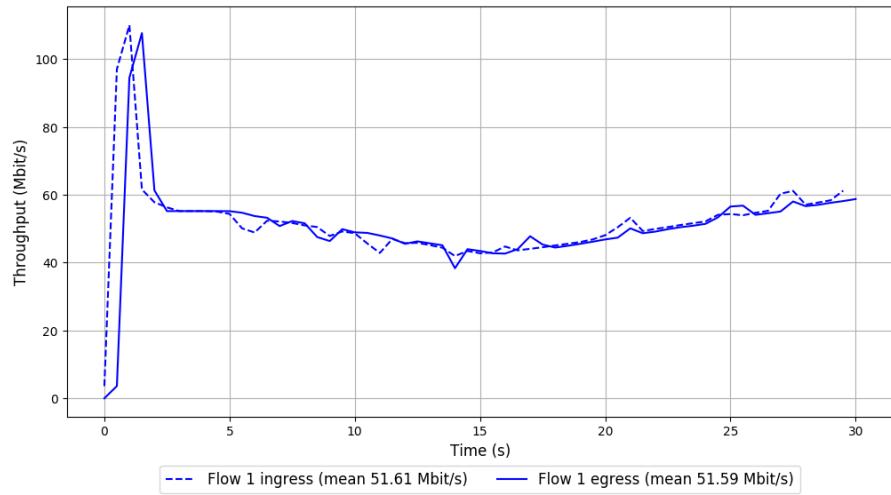


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-26 09:53:56
End at: 2018-05-26 09:54:26
Local clock offset: -0.219 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 51.985 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 51.985 ms
Loss rate: 0.38%
```

Run 3: Report of TCP Vegas — Data Link

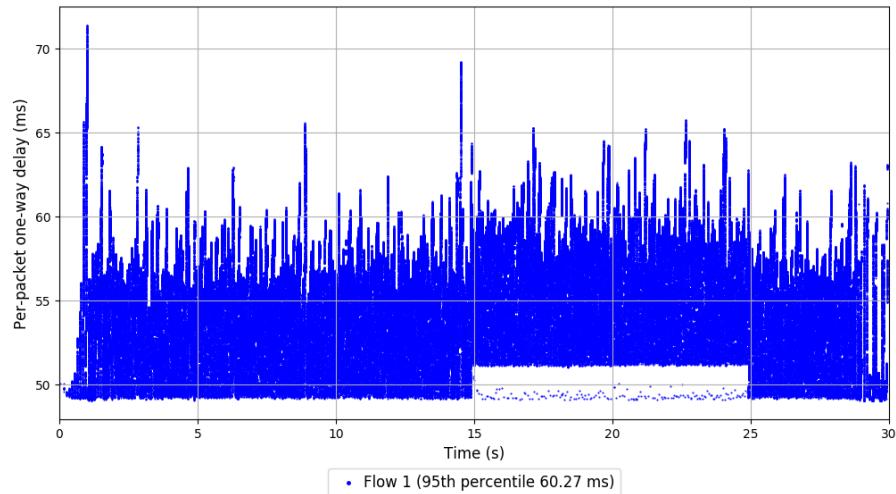
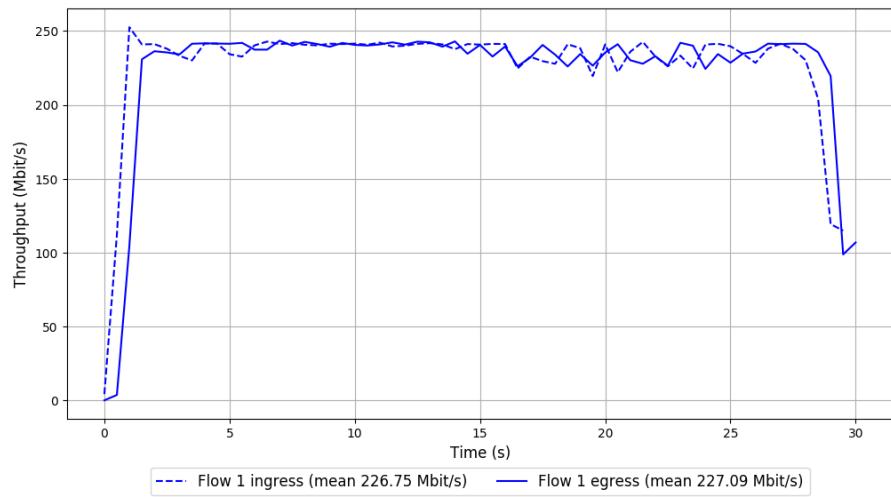


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-26 10:14:05
End at: 2018-05-26 10:14:35
Local clock offset: 0.132 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.09 Mbit/s
95th percentile per-packet one-way delay: 60.271 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 227.09 Mbit/s
95th percentile per-packet one-way delay: 60.271 ms
Loss rate: 0.21%
```

Run 4: Report of TCP Vegas — Data Link

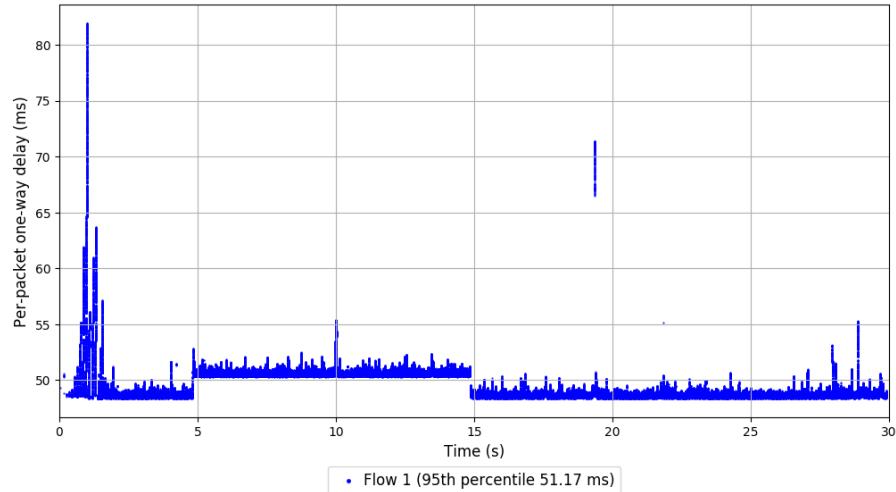
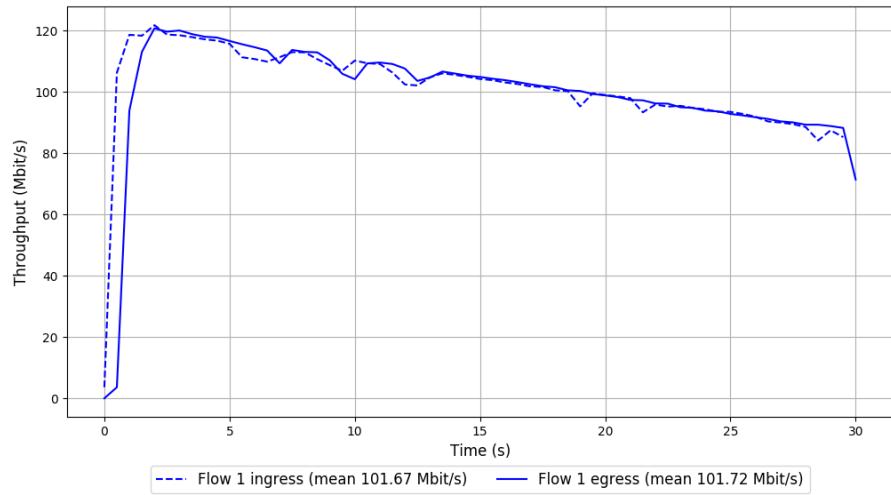


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-26 10:34:25
End at: 2018-05-26 10:34:55
Local clock offset: -0.638 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 101.72 Mbit/s
95th percentile per-packet one-way delay: 51.172 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 101.72 Mbit/s
95th percentile per-packet one-way delay: 51.172 ms
Loss rate: 0.28%
```

Run 5: Report of TCP Vegas — Data Link

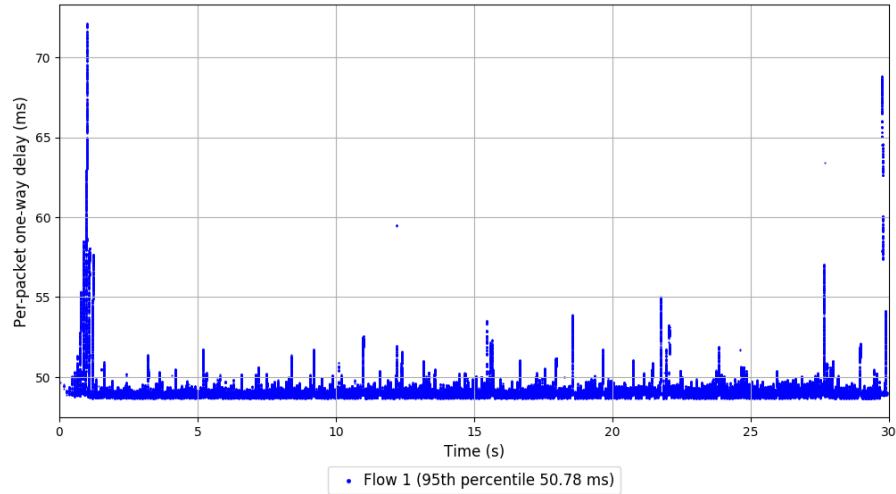
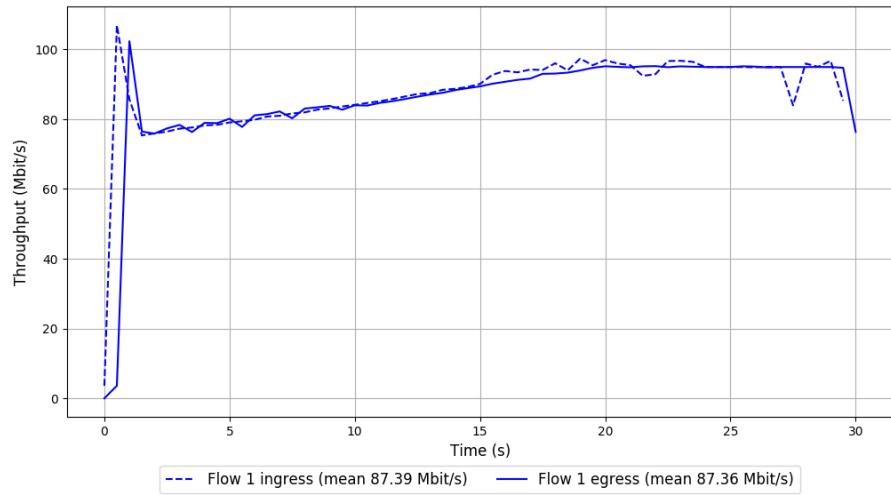


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-26 10:54:22
End at: 2018-05-26 10:54:52
Local clock offset: -0.198 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 50.782 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 50.782 ms
Loss rate: 0.36%
```

Run 6: Report of TCP Vegas — Data Link

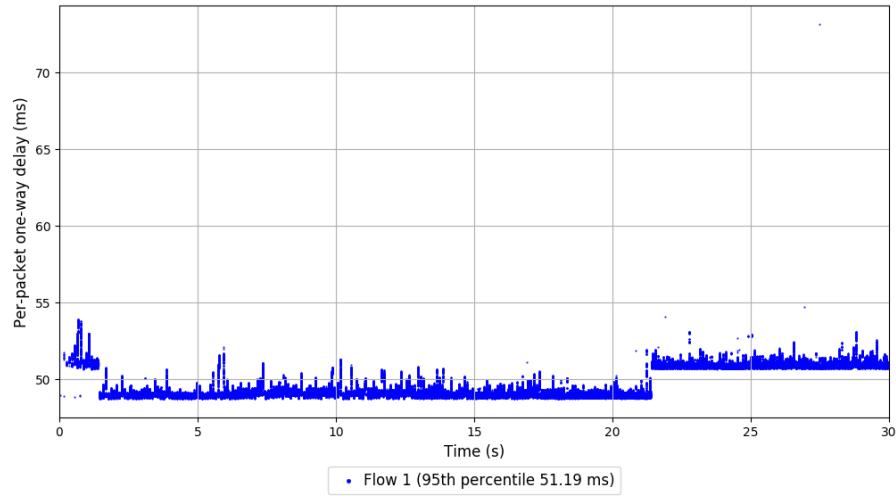
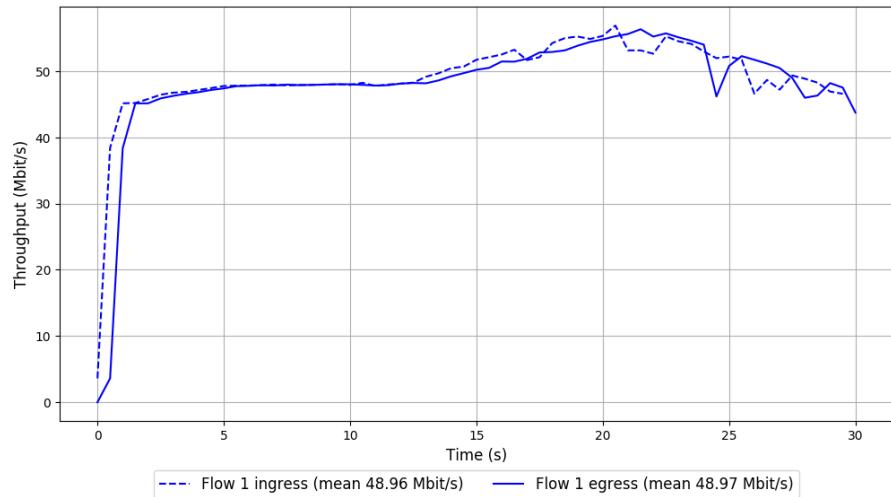


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-26 11:14:39
End at: 2018-05-26 11:15:09
Local clock offset: -0.079 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 51.191 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 51.191 ms
Loss rate: 0.32%
```

Run 7: Report of TCP Vegas — Data Link

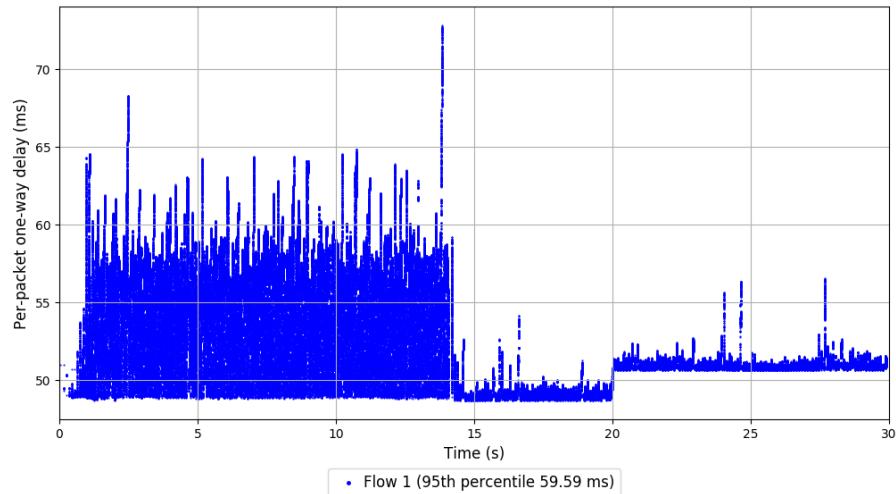
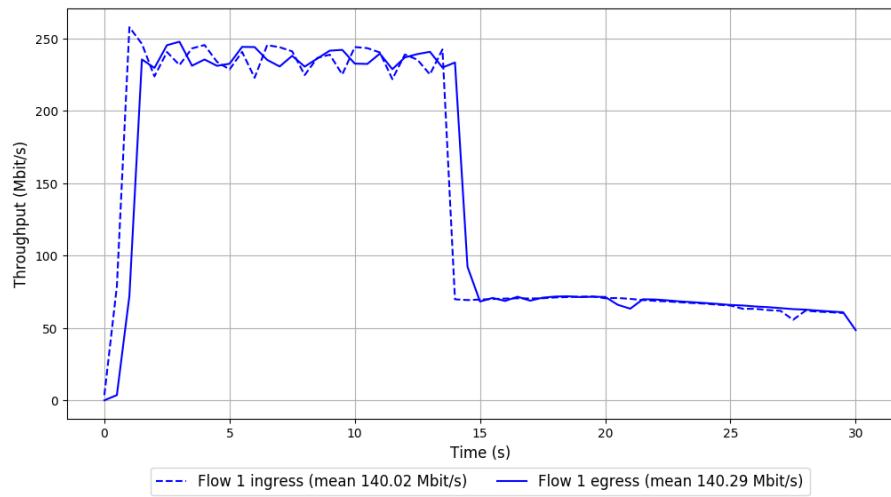


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-26 11:35:00
End at: 2018-05-26 11:35:30
Local clock offset: -0.105 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 140.29 Mbit/s
95th percentile per-packet one-way delay: 59.587 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 140.29 Mbit/s
95th percentile per-packet one-way delay: 59.587 ms
Loss rate: 0.14%
```

Run 8: Report of TCP Vegas — Data Link

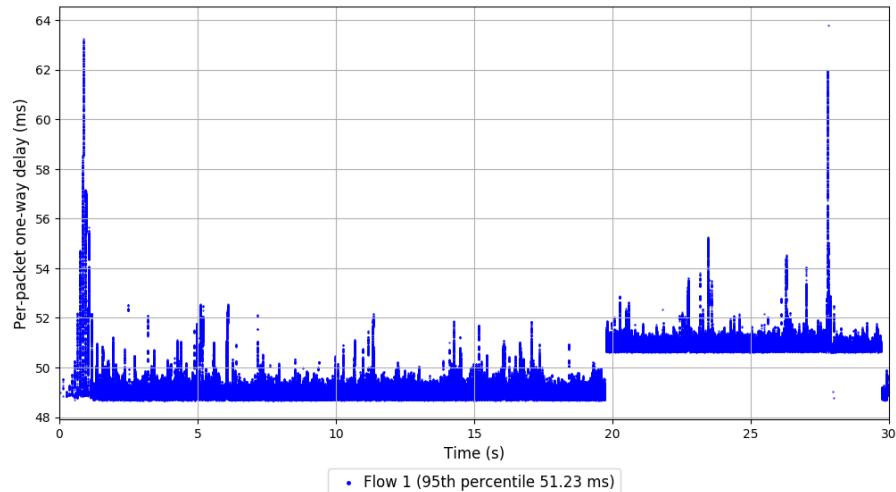
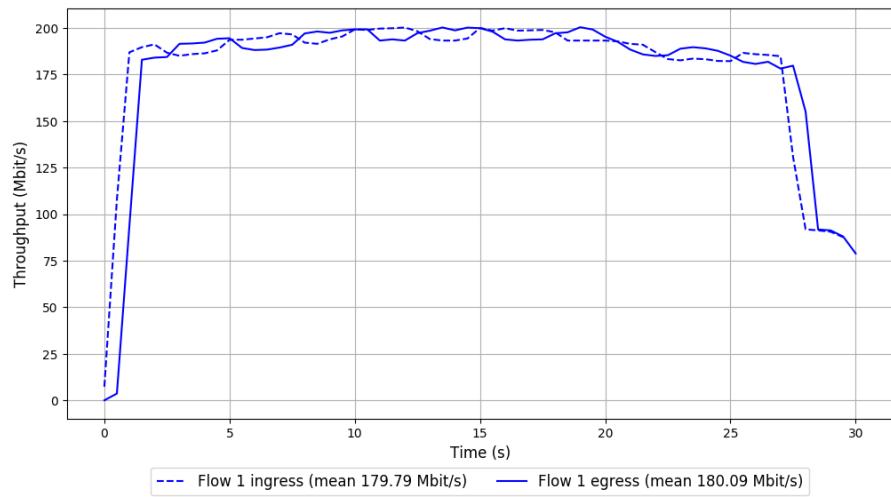


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-26 11:55:11
End at: 2018-05-26 11:55:41
Local clock offset: -0.146 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 180.09 Mbit/s
95th percentile per-packet one-way delay: 51.228 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 180.09 Mbit/s
95th percentile per-packet one-way delay: 51.228 ms
Loss rate: 0.17%
```

Run 9: Report of TCP Vegas — Data Link

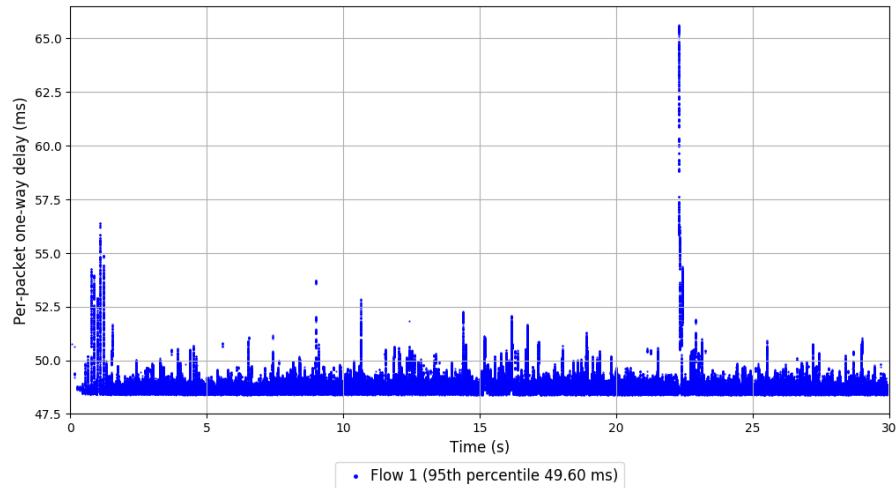
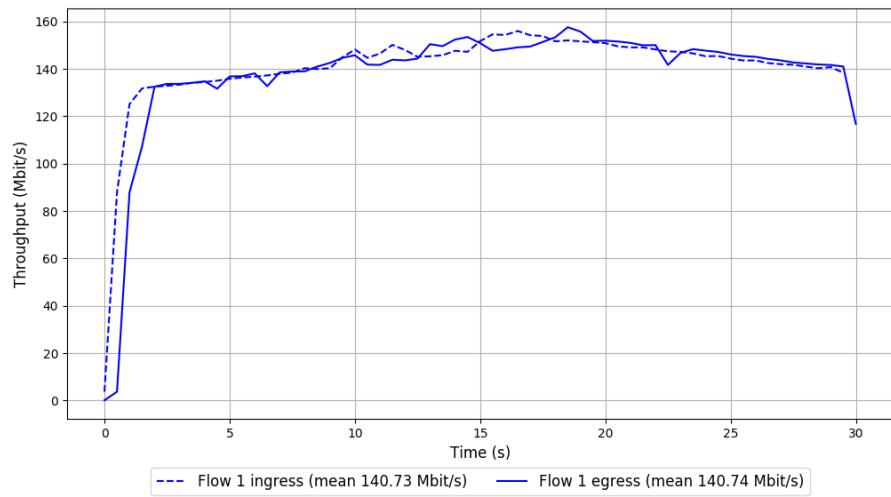


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-26 12:15:23
End at: 2018-05-26 12:15:53
Local clock offset: -0.509 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 140.74 Mbit/s
95th percentile per-packet one-way delay: 49.596 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 140.74 Mbit/s
95th percentile per-packet one-way delay: 49.596 ms
Loss rate: 0.33%
```

Run 10: Report of TCP Vegas — Data Link

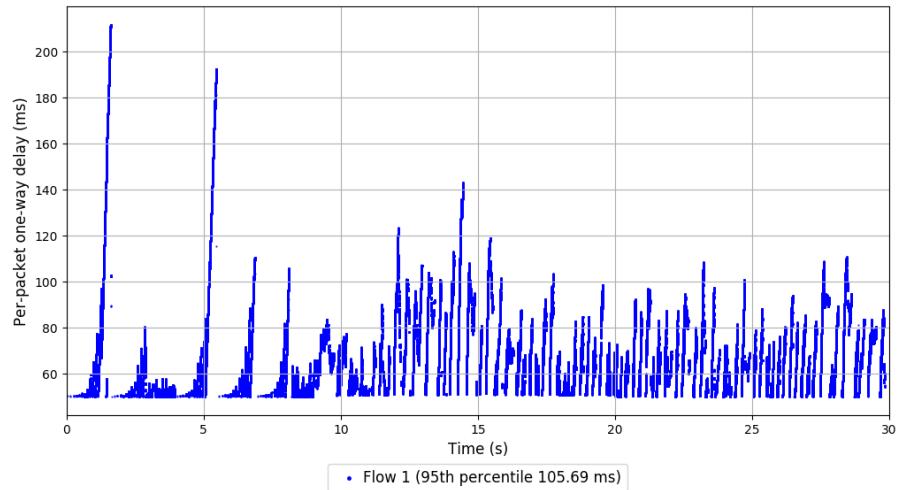
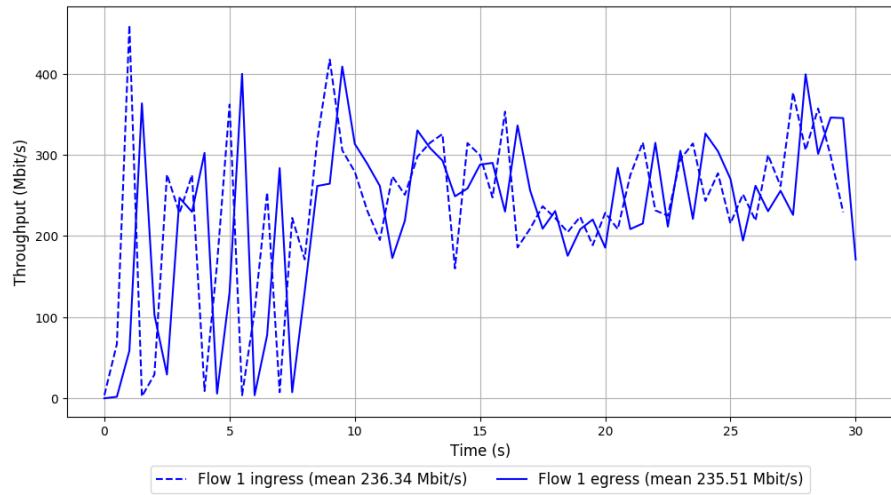


Run 1: Statistics of Verus

```
Start at: 2018-05-26 09:21:10
End at: 2018-05-26 09:21:40
Local clock offset: 0.174 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2018-05-26 13:48:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 235.51 Mbit/s
95th percentile per-packet one-way delay: 105.687 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 235.51 Mbit/s
95th percentile per-packet one-way delay: 105.687 ms
Loss rate: 0.69%
```

Run 1: Report of Verus — Data Link

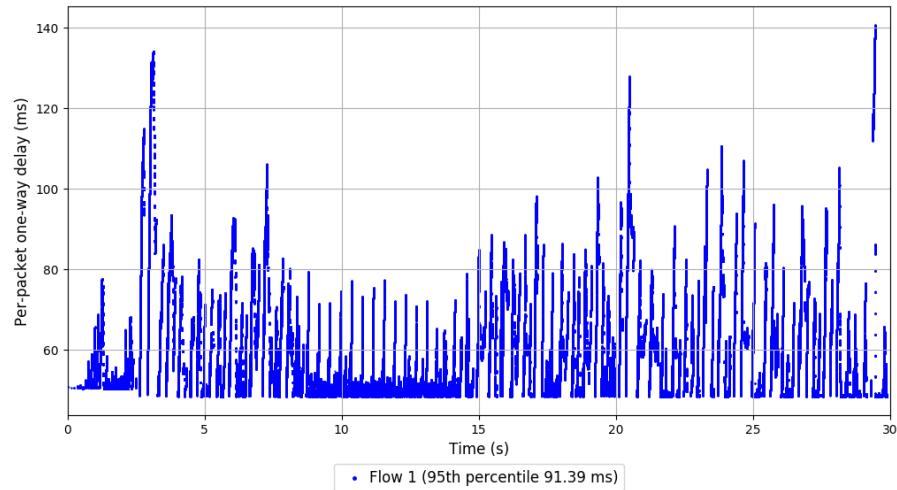
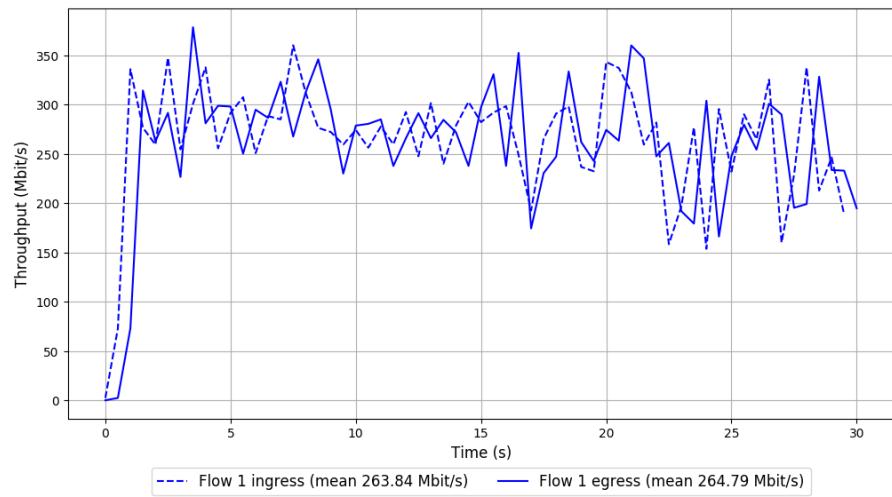


Run 2: Statistics of Verus

```
Start at: 2018-05-26 09:41:18
End at: 2018-05-26 09:41:48
Local clock offset: -0.55 ms
Remote clock offset: -0.023 ms

# Below is generated by plot.py at 2018-05-26 13:49:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 264.79 Mbit/s
95th percentile per-packet one-way delay: 91.394 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 264.79 Mbit/s
95th percentile per-packet one-way delay: 91.394 ms
Loss rate: 0.16%
```

Run 2: Report of Verus — Data Link

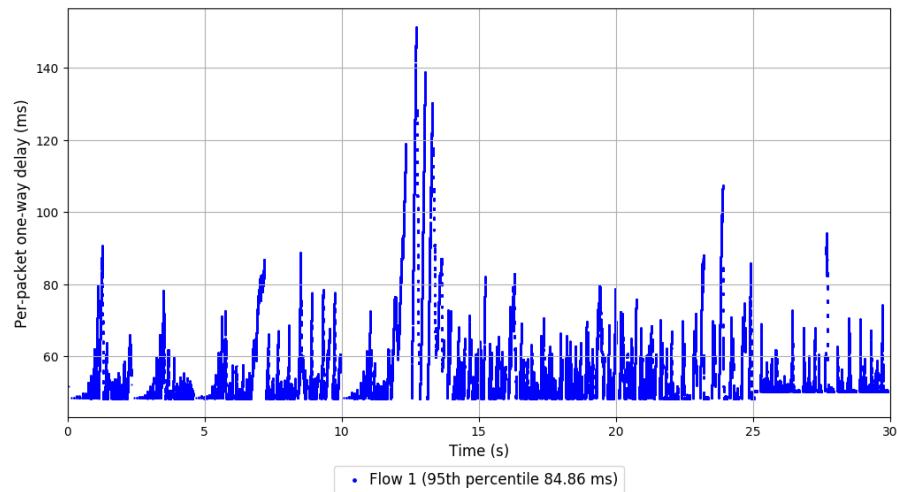
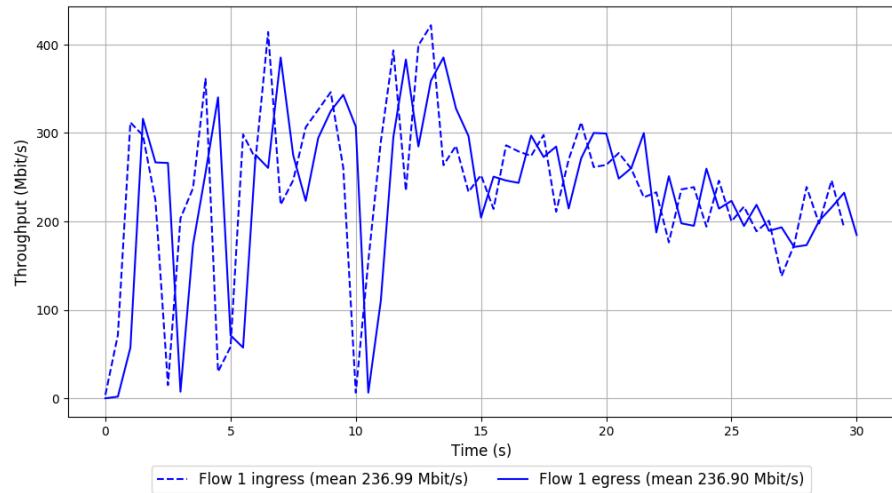


Run 3: Statistics of Verus

```
Start at: 2018-05-26 10:01:25
End at: 2018-05-26 10:01:55
Local clock offset: -0.617 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2018-05-26 13:50:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 236.90 Mbit/s
95th percentile per-packet one-way delay: 84.861 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 236.90 Mbit/s
95th percentile per-packet one-way delay: 84.861 ms
Loss rate: 0.30%
```

Run 3: Report of Verus — Data Link

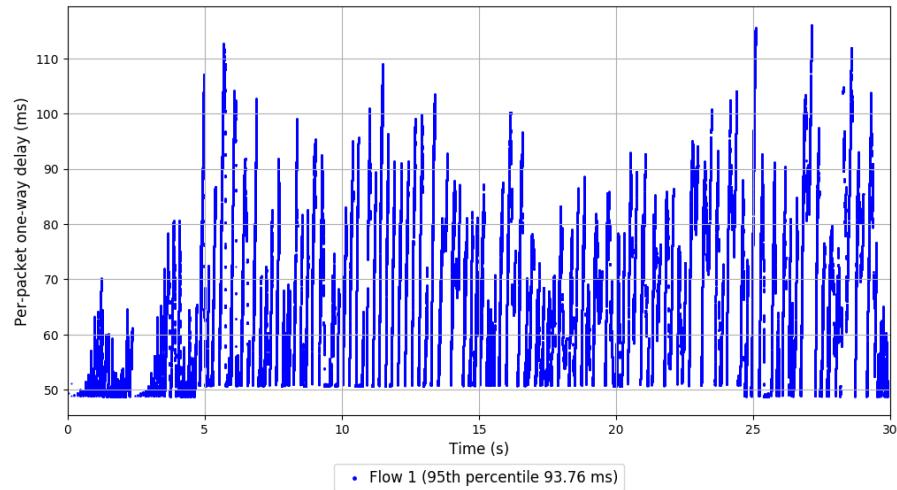
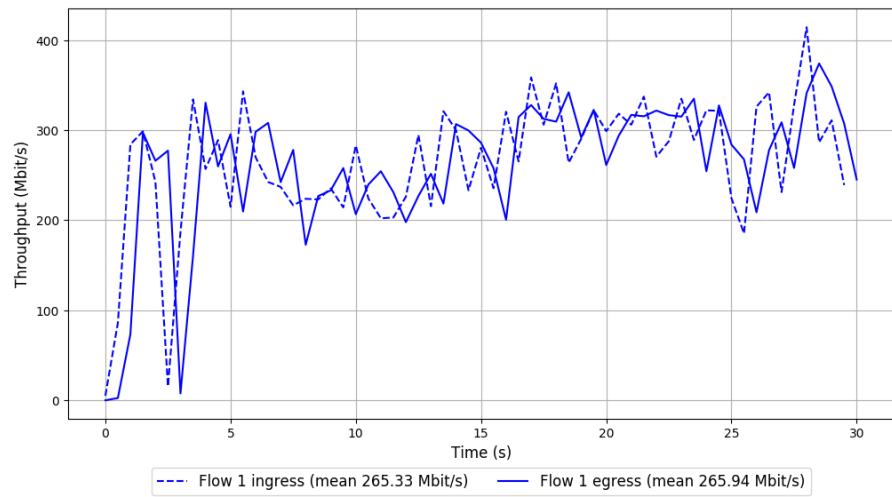


Run 4: Statistics of Verus

```
Start at: 2018-05-26 10:21:46
End at: 2018-05-26 10:22:16
Local clock offset: -0.241 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2018-05-26 13:50:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 265.94 Mbit/s
95th percentile per-packet one-way delay: 93.762 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 265.94 Mbit/s
95th percentile per-packet one-way delay: 93.762 ms
Loss rate: 0.11%
```

Run 4: Report of Verus — Data Link

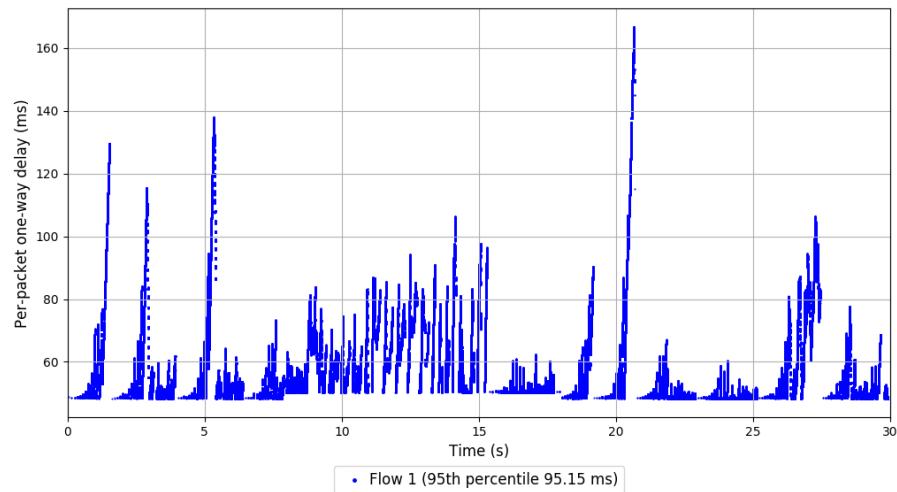
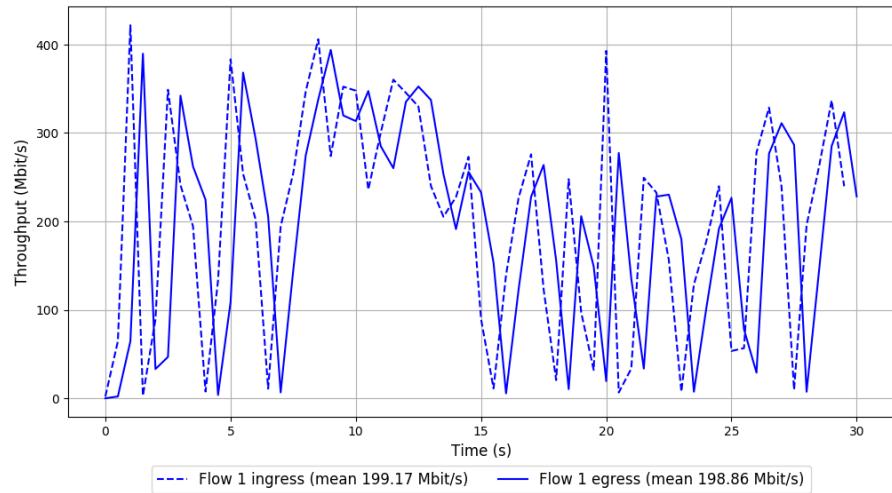


Run 5: Statistics of Verus

```
Start at: 2018-05-26 10:41:52
End at: 2018-05-26 10:42:22
Local clock offset: -0.616 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at 2018-05-26 13:50:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.86 Mbit/s
95th percentile per-packet one-way delay: 95.147 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 198.86 Mbit/s
95th percentile per-packet one-way delay: 95.147 ms
Loss rate: 0.46%
```

Run 5: Report of Verus — Data Link

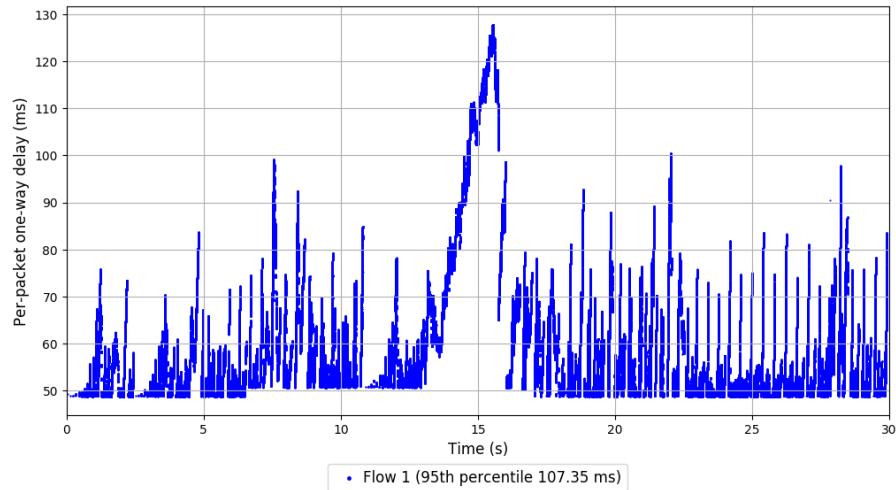
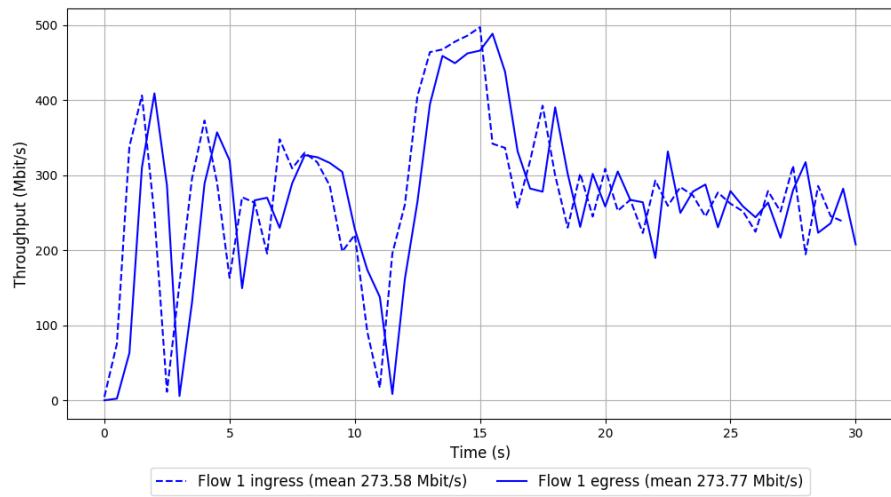


Run 6: Statistics of Verus

```
Start at: 2018-05-26 11:01:54
End at: 2018-05-26 11:02:24
Local clock offset: -0.126 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-05-26 13:52:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 273.77 Mbit/s
95th percentile per-packet one-way delay: 107.349 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 273.77 Mbit/s
95th percentile per-packet one-way delay: 107.349 ms
Loss rate: 0.27%
```

Run 6: Report of Verus — Data Link

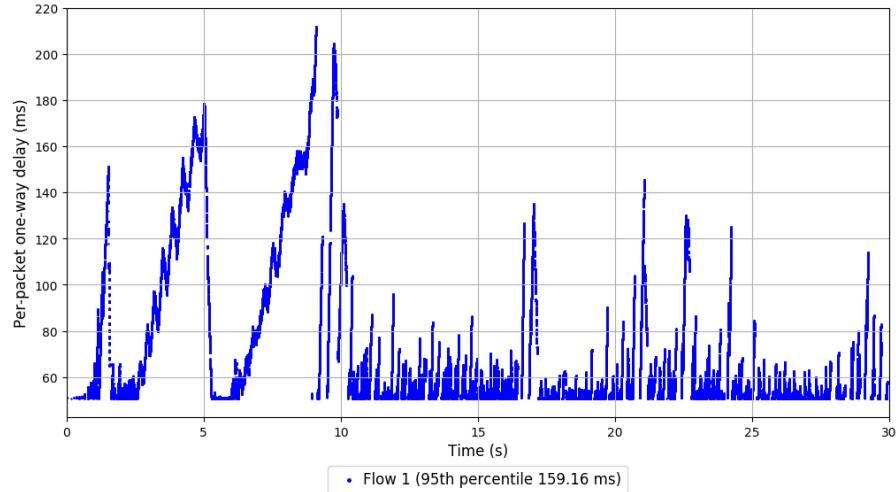
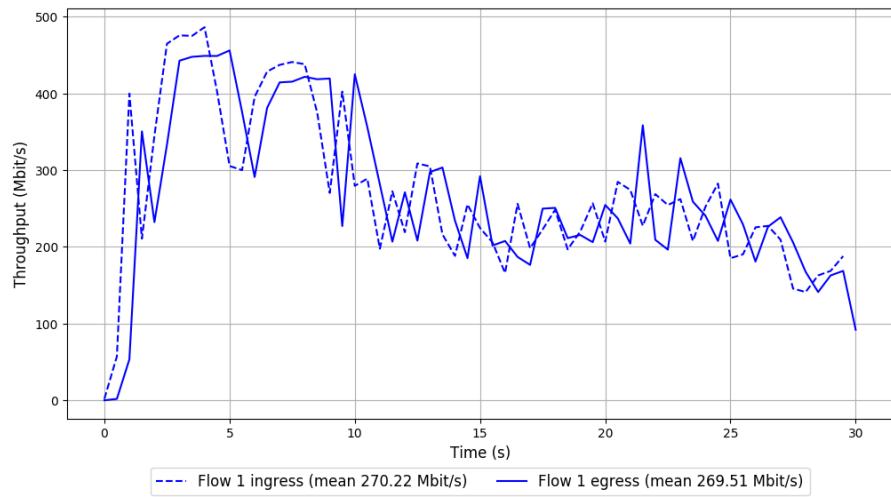


Run 7: Statistics of Verus

```
Start at: 2018-05-26 11:22:10
End at: 2018-05-26 11:22:40
Local clock offset: -0.107 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2018-05-26 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 269.51 Mbit/s
95th percentile per-packet one-way delay: 159.162 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 269.51 Mbit/s
95th percentile per-packet one-way delay: 159.162 ms
Loss rate: 0.60%
```

Run 7: Report of Verus — Data Link

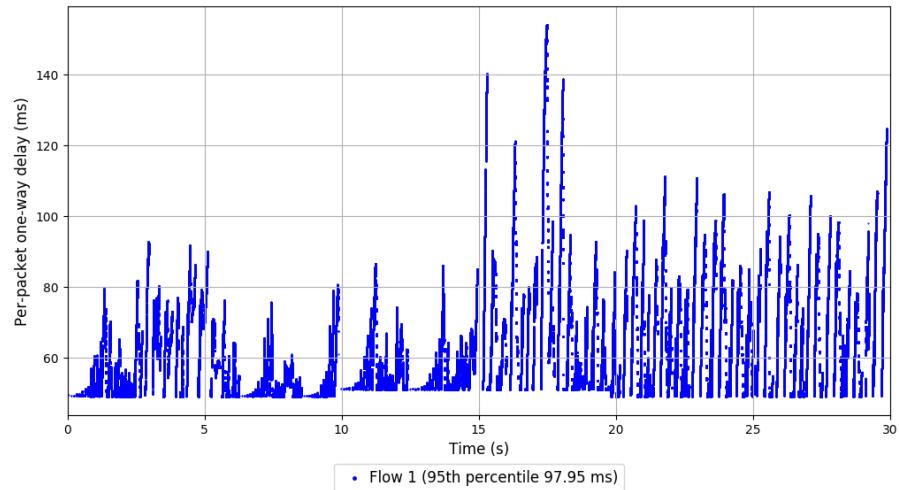
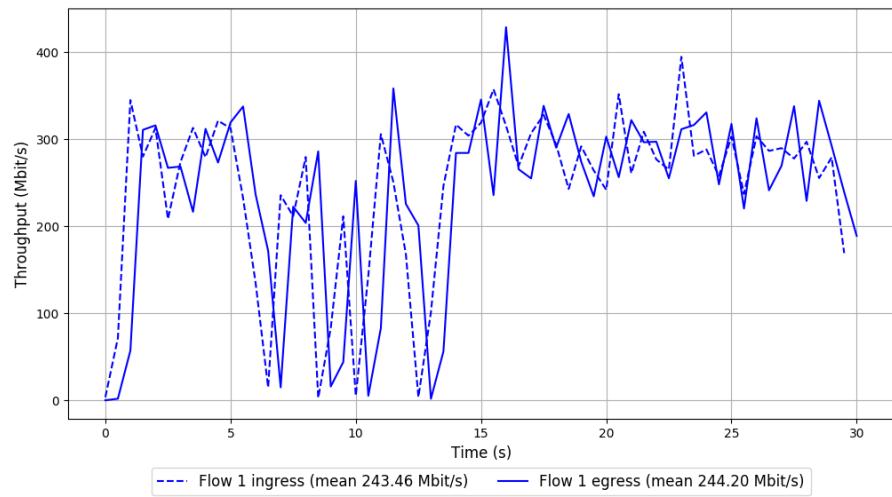


Run 8: Statistics of Verus

```
Start at: 2018-05-26 11:42:31
End at: 2018-05-26 11:43:01
Local clock offset: 0.245 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2018-05-26 13:52:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 244.20 Mbit/s
95th percentile per-packet one-way delay: 97.949 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 244.20 Mbit/s
95th percentile per-packet one-way delay: 97.949 ms
Loss rate: 0.14%
```

Run 8: Report of Verus — Data Link

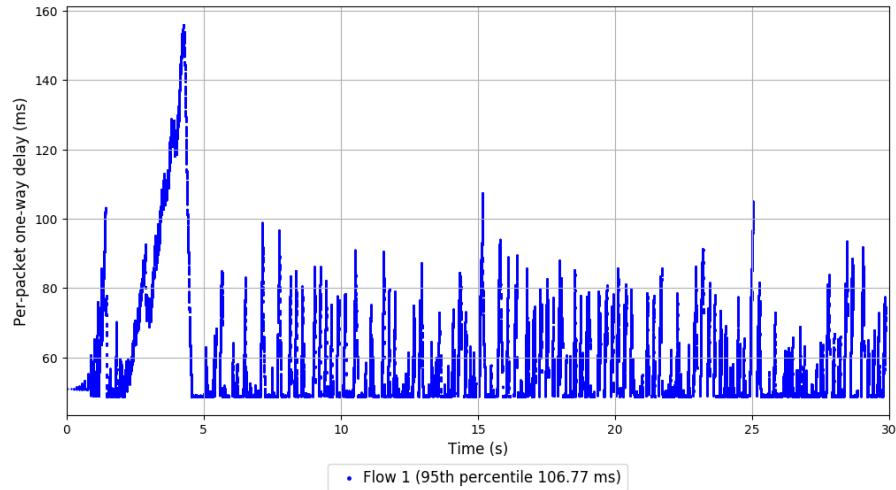
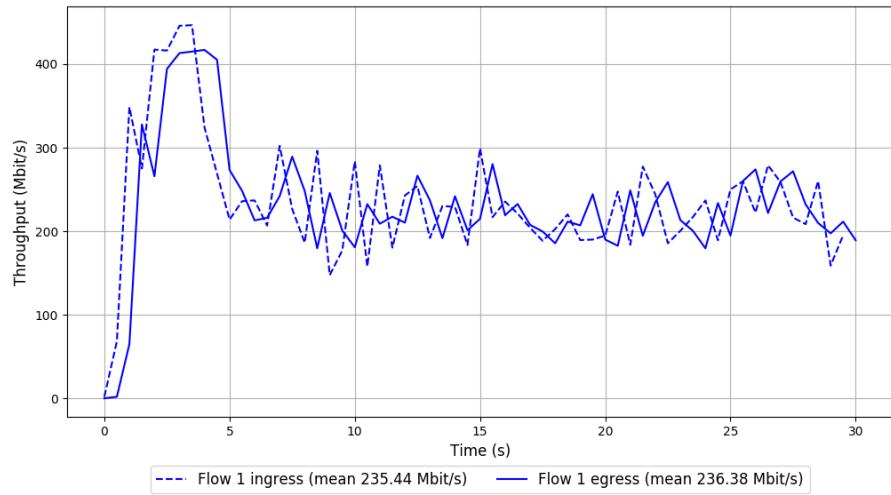


Run 9: Statistics of Verus

```
Start at: 2018-05-26 12:02:40
End at: 2018-05-26 12:03:10
Local clock offset: -0.169 ms
Remote clock offset: 0.024 ms

# Below is generated by plot.py at 2018-05-26 13:52:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 236.38 Mbit/s
95th percentile per-packet one-way delay: 106.772 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 236.38 Mbit/s
95th percentile per-packet one-way delay: 106.772 ms
Loss rate: 0.11%
```

Run 9: Report of Verus — Data Link

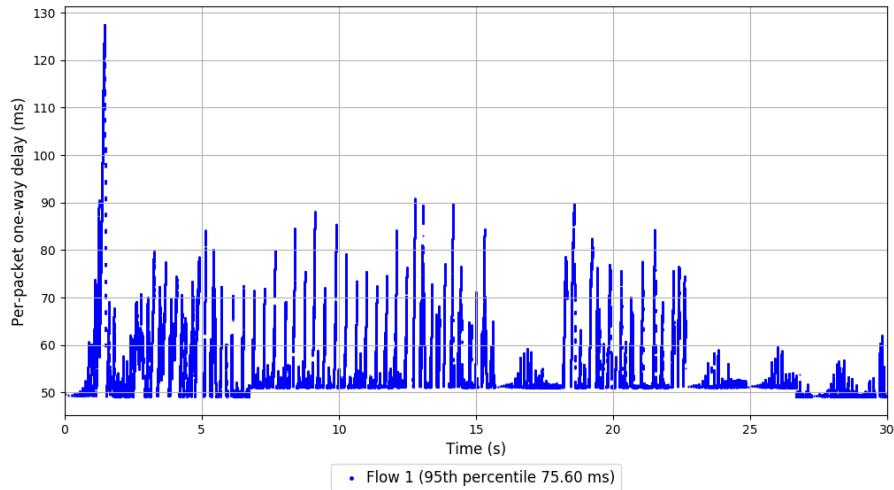
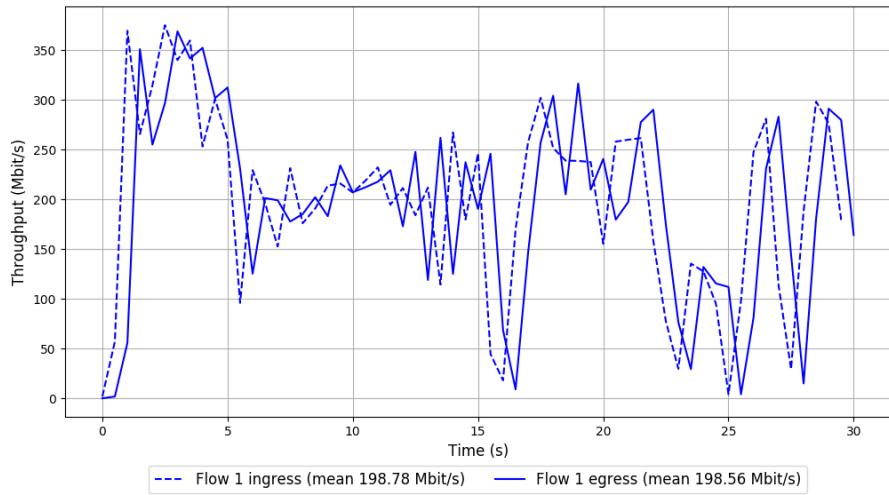


Run 10: Statistics of Verus

```
Start at: 2018-05-26 12:23:04
End at: 2018-05-26 12:23:34
Local clock offset: 0.205 ms
Remote clock offset: -0.104 ms

# Below is generated by plot.py at 2018-05-26 13:52:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.56 Mbit/s
95th percentile per-packet one-way delay: 75.600 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 198.56 Mbit/s
95th percentile per-packet one-way delay: 75.600 ms
Loss rate: 0.34%
```

Run 10: Report of Verus — Data Link

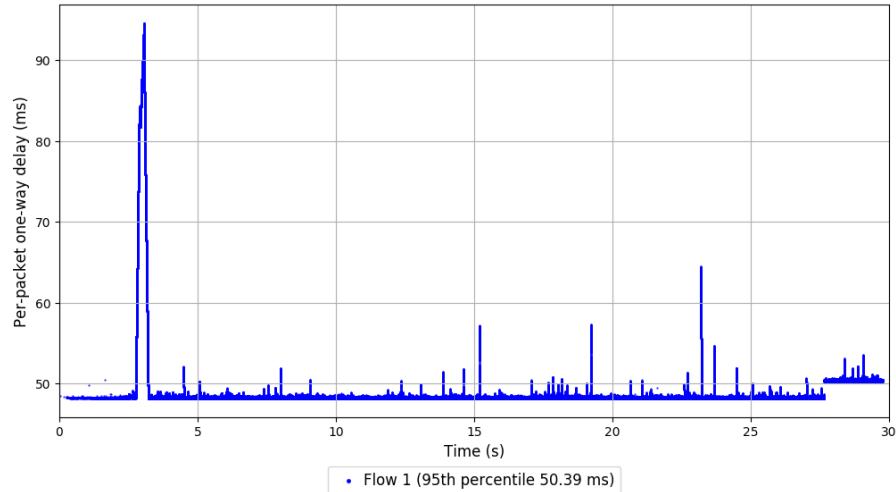
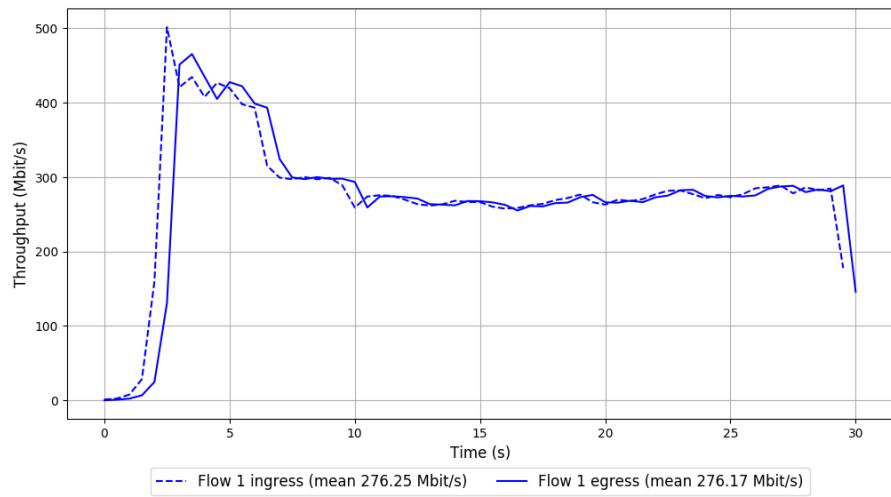


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-05-26 09:07:33
End at: 2018-05-26 09:08:03
Local clock offset: -0.741 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-05-26 13:54:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 276.17 Mbit/s
95th percentile per-packet one-way delay: 50.390 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 276.17 Mbit/s
95th percentile per-packet one-way delay: 50.390 ms
Loss rate: 0.36%
```

Run 1: Report of PCC-Vivace — Data Link

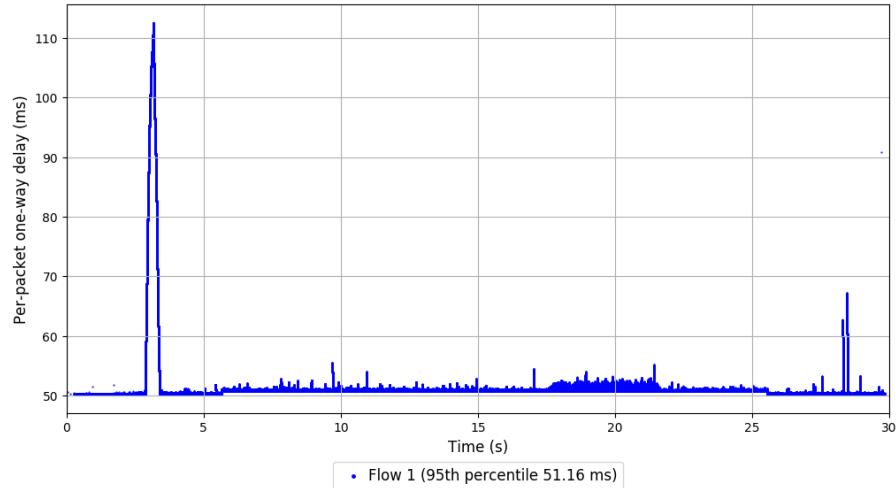
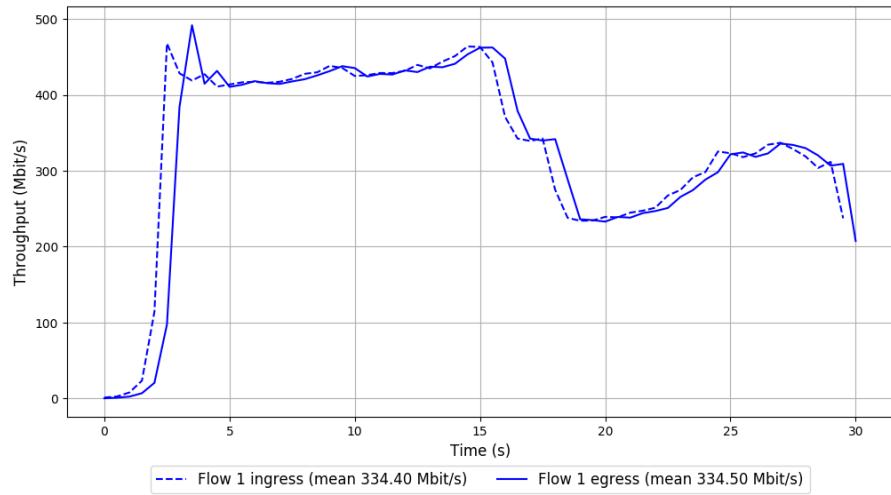


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-05-26 09:27:35
End at: 2018-05-26 09:28:05
Local clock offset: 0.195 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2018-05-26 13:56:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 334.50 Mbit/s
95th percentile per-packet one-way delay: 51.162 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 334.50 Mbit/s
95th percentile per-packet one-way delay: 51.162 ms
Loss rate: 0.31%
```

Run 2: Report of PCC-Vivace — Data Link

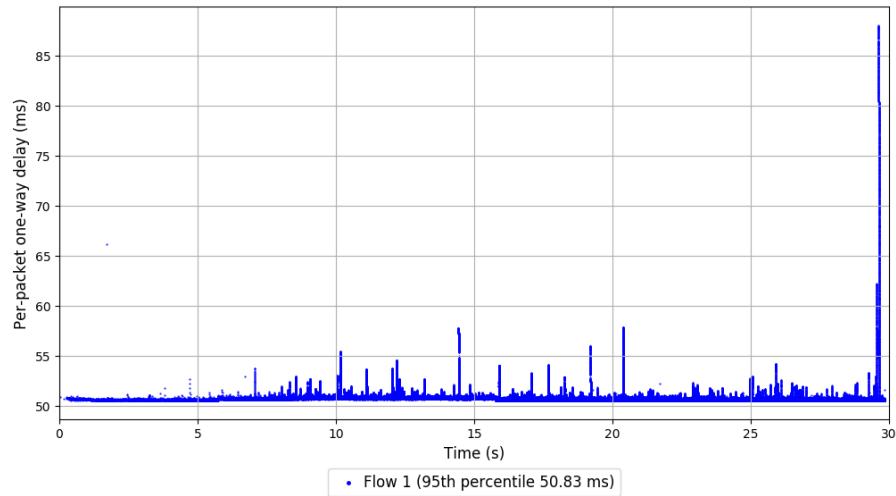
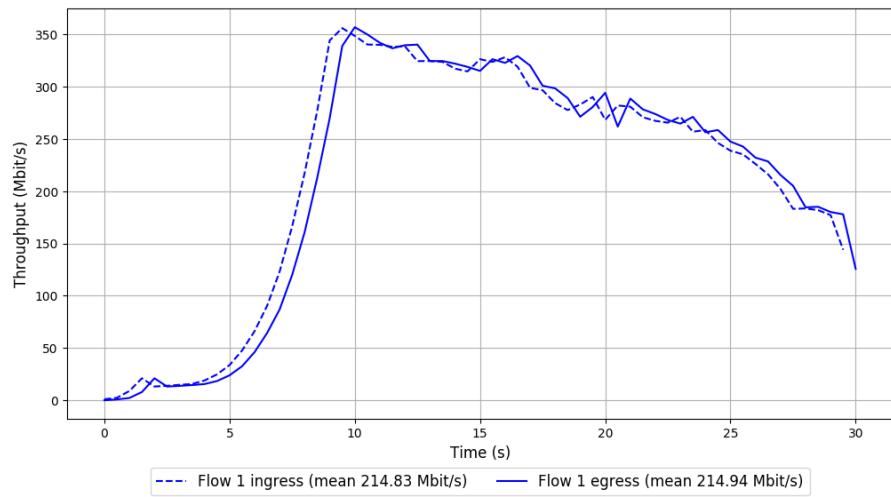


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-05-26 09:47:45
End at: 2018-05-26 09:48:15
Local clock offset: -0.266 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-05-26 13:56:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 214.94 Mbit/s
95th percentile per-packet one-way delay: 50.831 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 214.94 Mbit/s
95th percentile per-packet one-way delay: 50.831 ms
Loss rate: 0.28%
```

Run 3: Report of PCC-Vivace — Data Link

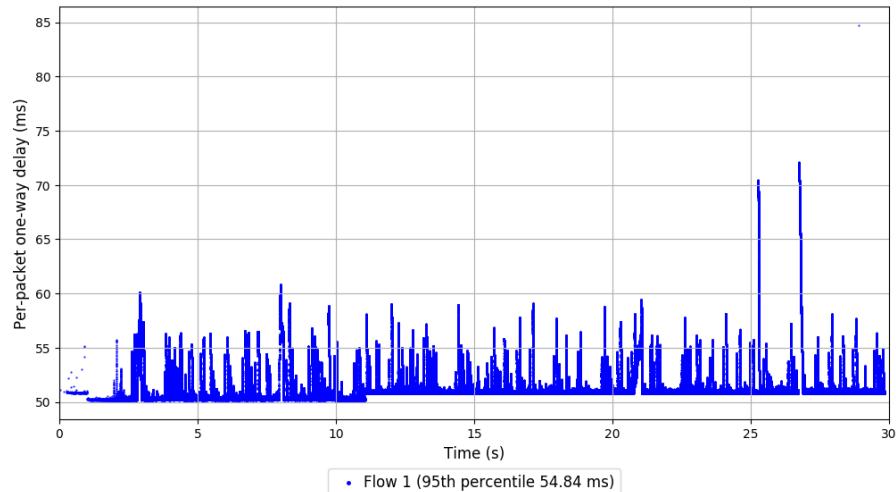
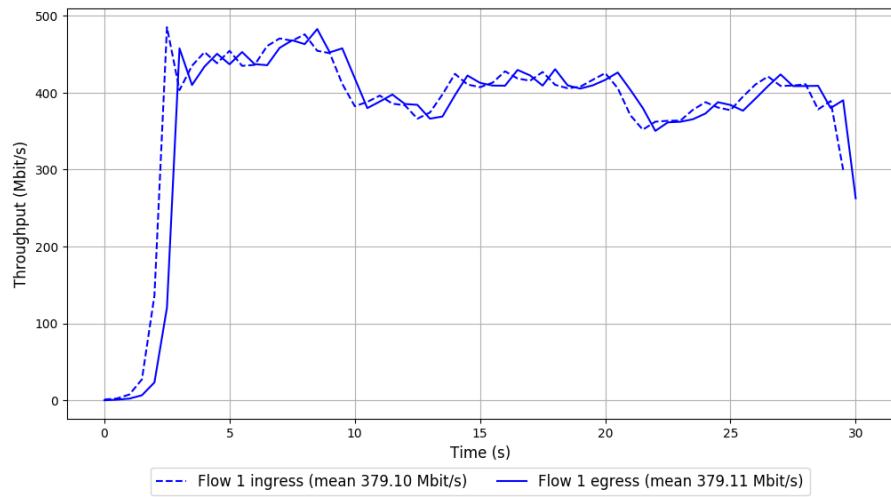


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-05-26 10:07:49
End at: 2018-05-26 10:08:19
Local clock offset: -0.231 ms
Remote clock offset: -0.141 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 379.11 Mbit/s
95th percentile per-packet one-way delay: 54.840 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 379.11 Mbit/s
95th percentile per-packet one-way delay: 54.840 ms
Loss rate: 0.34%
```

Run 4: Report of PCC-Vivace — Data Link

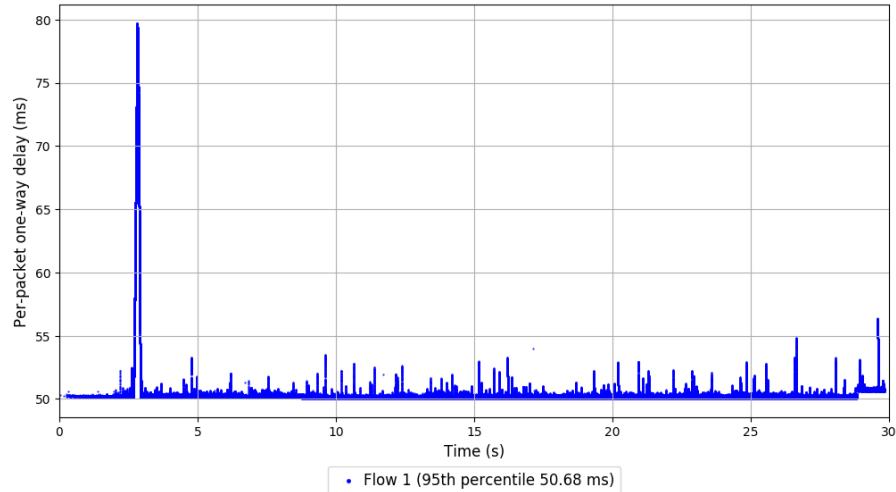
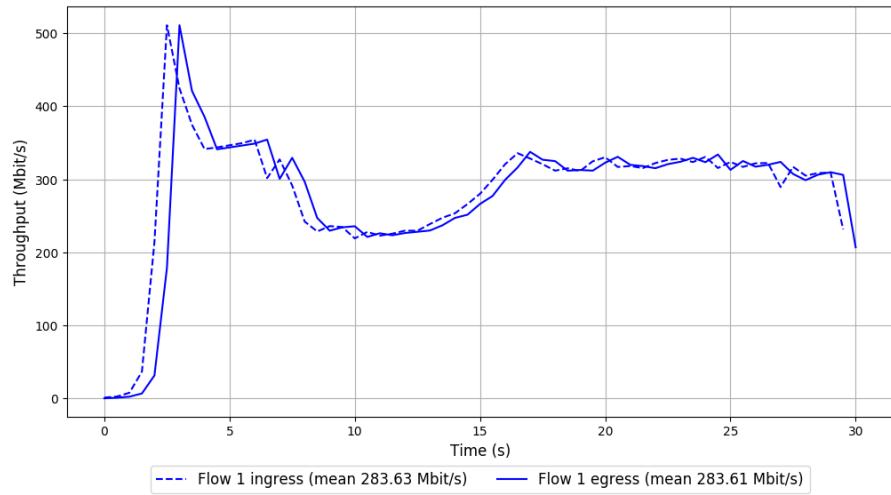


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-05-26 10:28:11
End at: 2018-05-26 10:28:41
Local clock offset: -0.227 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 283.61 Mbit/s
95th percentile per-packet one-way delay: 50.681 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 283.61 Mbit/s
95th percentile per-packet one-way delay: 50.681 ms
Loss rate: 0.34%
```

Run 5: Report of PCC-Vivace — Data Link

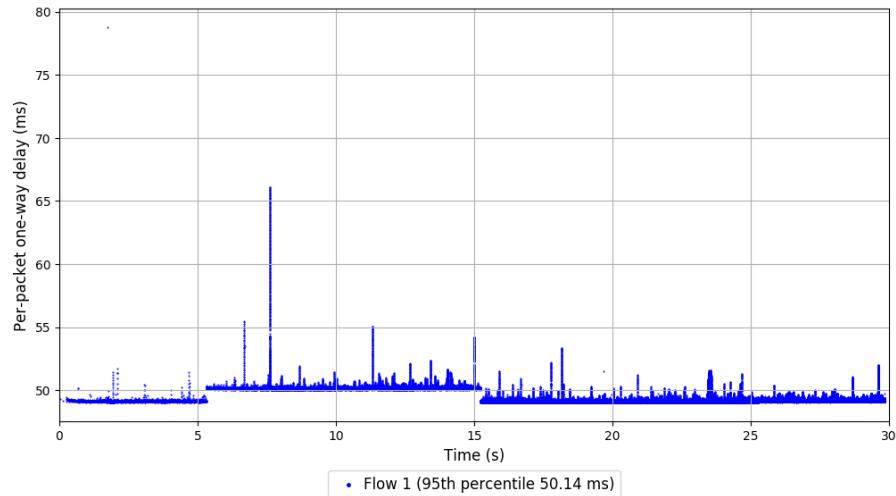
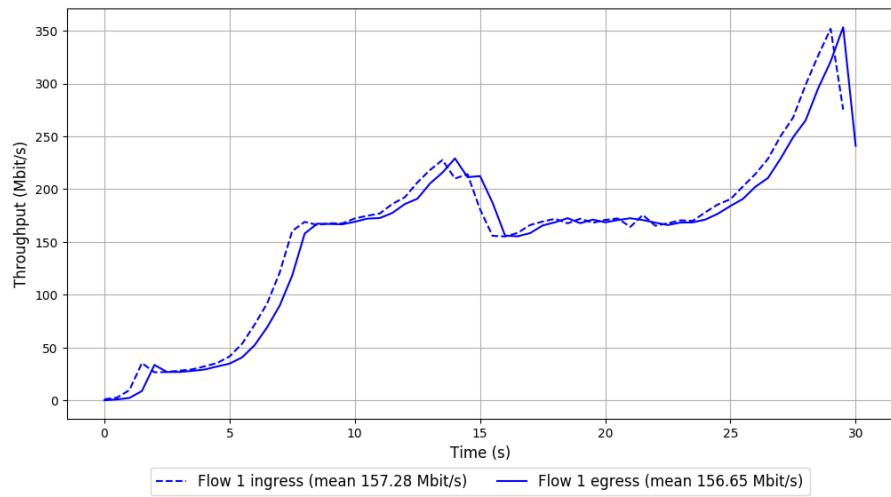


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-05-26 10:48:15
End at: 2018-05-26 10:48:45
Local clock offset: 0.135 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 156.65 Mbit/s
95th percentile per-packet one-way delay: 50.144 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 156.65 Mbit/s
95th percentile per-packet one-way delay: 50.144 ms
Loss rate: 0.73%
```

Run 6: Report of PCC-Vivace — Data Link

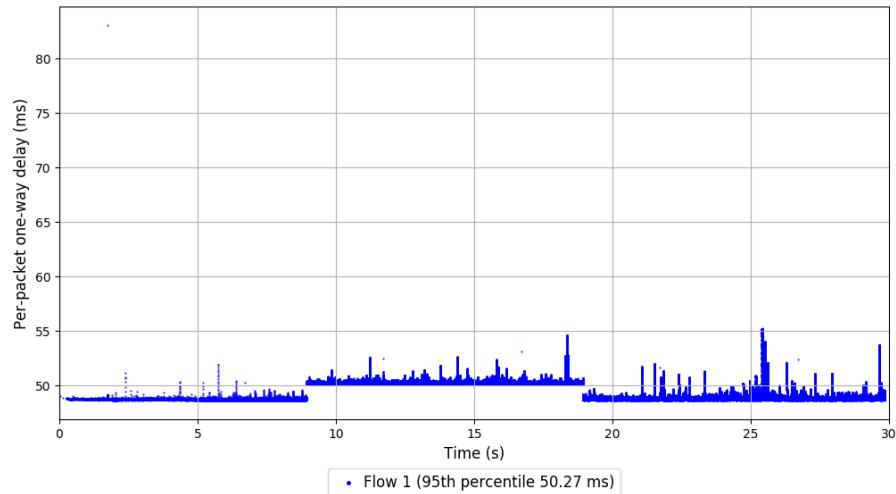
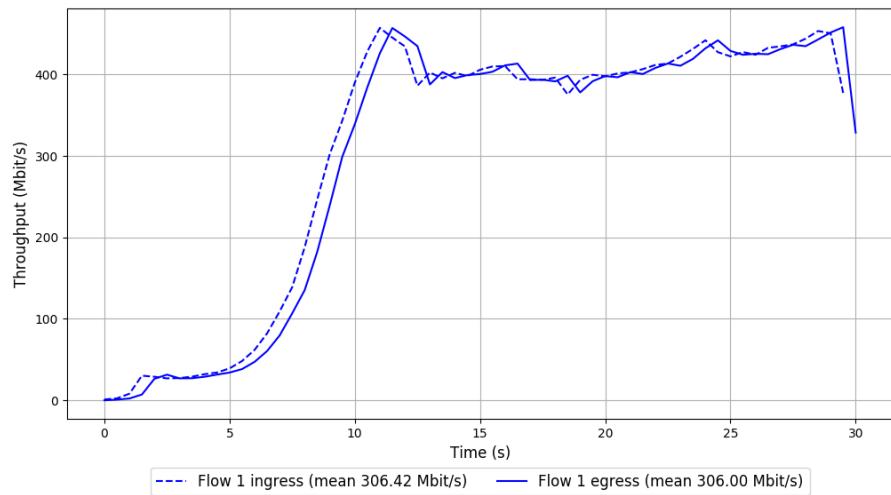


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-05-26 11:08:21
End at: 2018-05-26 11:08:51
Local clock offset: -0.148 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 306.00 Mbit/s
95th percentile per-packet one-way delay: 50.265 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 306.00 Mbit/s
95th percentile per-packet one-way delay: 50.265 ms
Loss rate: 0.47%
```

Run 7: Report of PCC-Vivace — Data Link

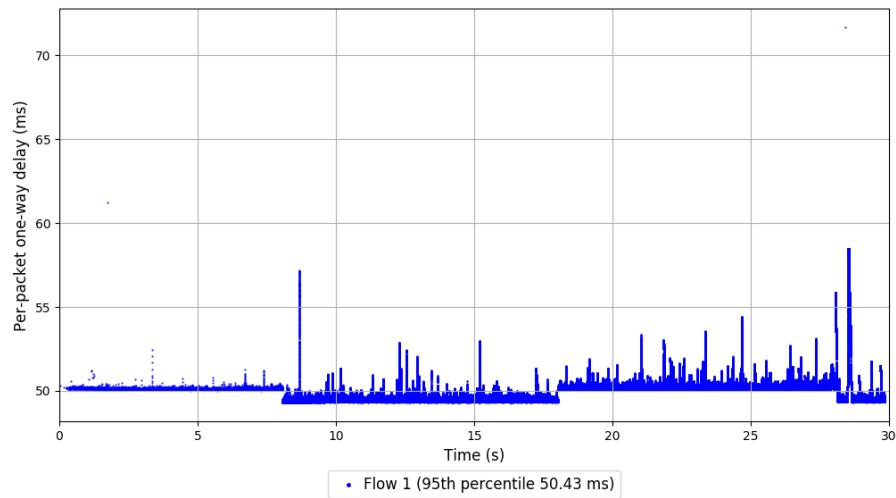
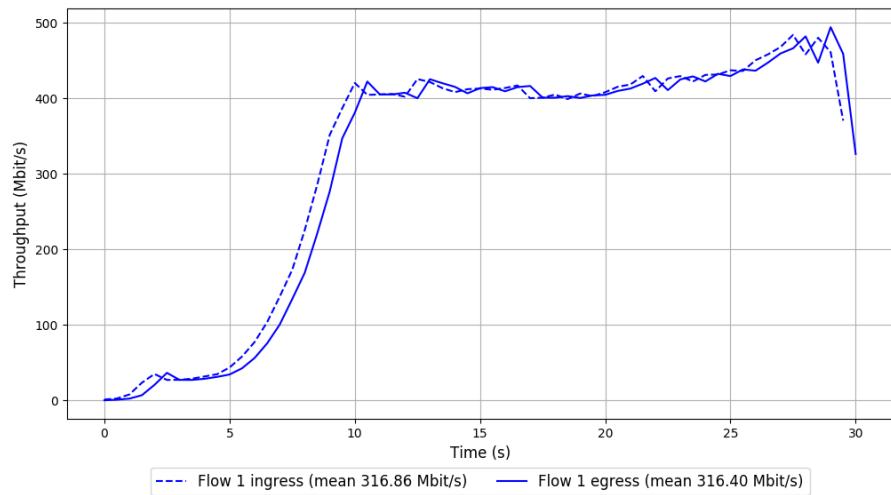


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-05-26 11:28:42
End at: 2018-05-26 11:29:12
Local clock offset: -0.151 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 316.40 Mbit/s
95th percentile per-packet one-way delay: 50.431 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 316.40 Mbit/s
95th percentile per-packet one-way delay: 50.431 ms
Loss rate: 0.48%
```

Run 8: Report of PCC-Vivace — Data Link

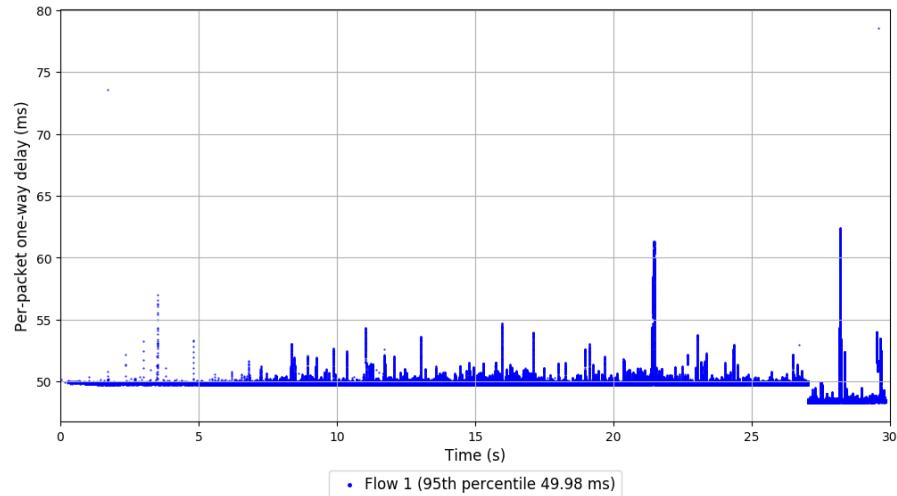
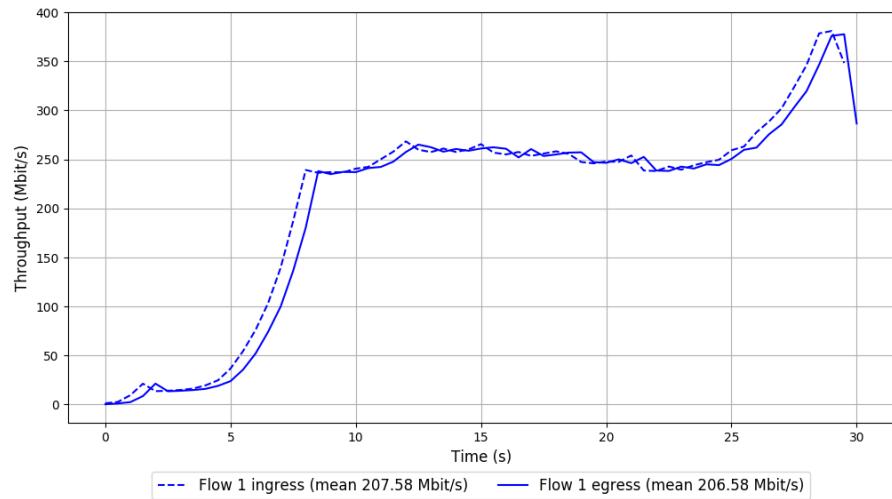


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-05-26 11:49:03
End at: 2018-05-26 11:49:33
Local clock offset: -0.521 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2018-05-26 13:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.58 Mbit/s
95th percentile per-packet one-way delay: 49.976 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 206.58 Mbit/s
95th percentile per-packet one-way delay: 49.976 ms
Loss rate: 0.82%
```

Run 9: Report of PCC-Vivace — Data Link

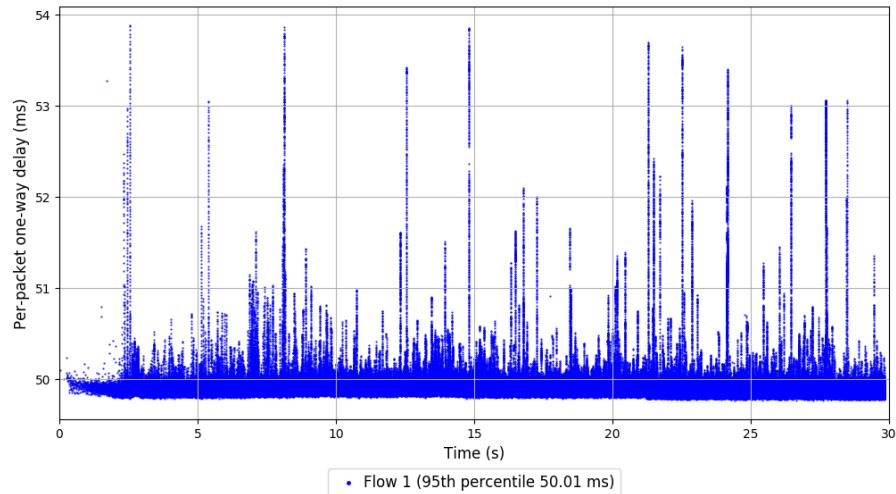
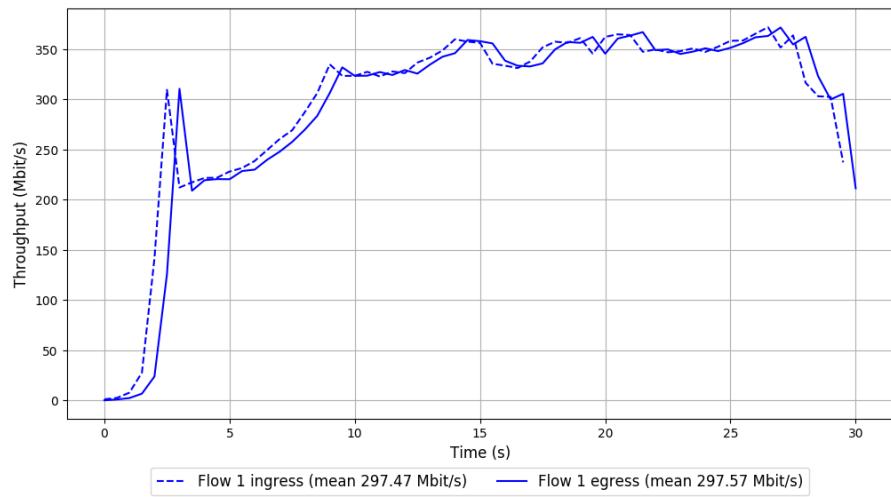


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-05-26 12:09:09
End at: 2018-05-26 12:09:39
Local clock offset: 0.208 ms
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 297.57 Mbit/s
95th percentile per-packet one-way delay: 50.011 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 297.57 Mbit/s
95th percentile per-packet one-way delay: 50.011 ms
Loss rate: 0.31%
```

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

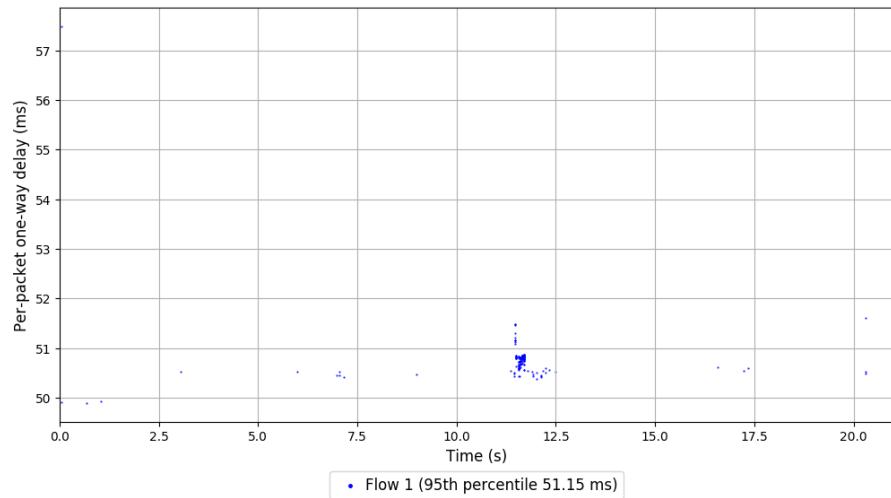
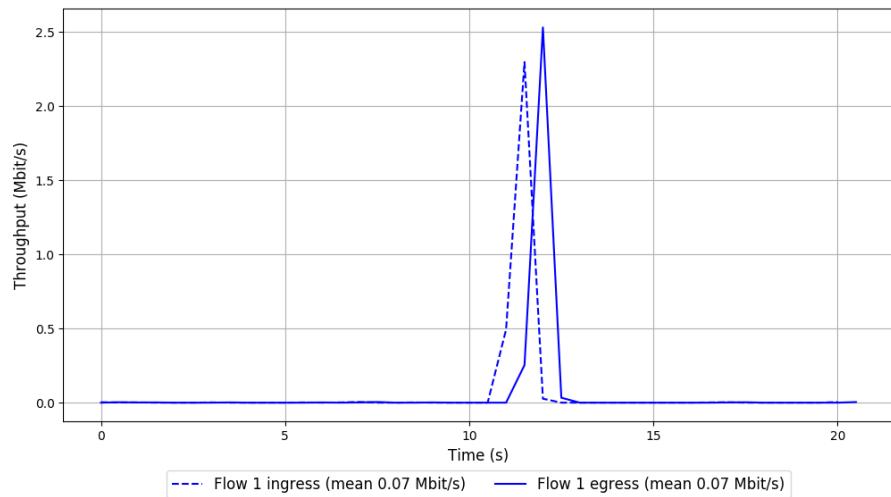
Start at: 2018-05-26 09:23:42

End at: 2018-05-26 09:24:12

Local clock offset: -0.225 ms

Remote clock offset: -0.025 ms

Run 1: Report of WebRTC media — Data Link

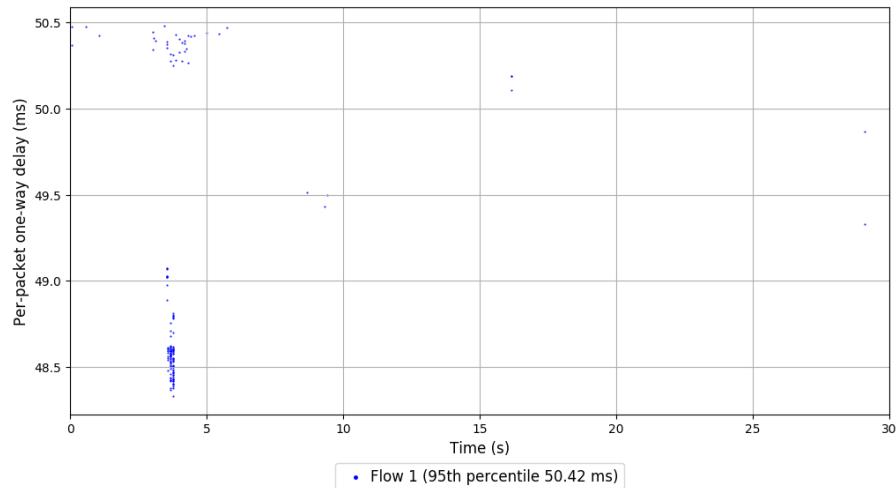
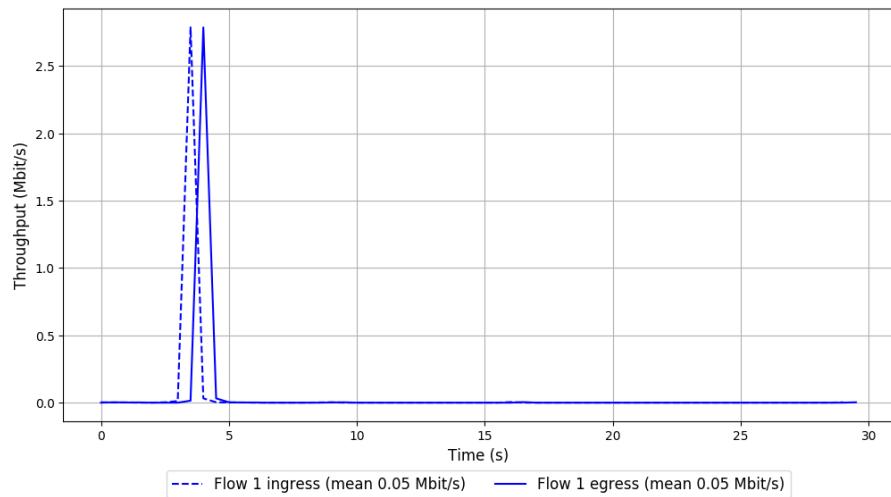


```
Run 2: Statistics of WebRTC media

Start at: 2018-05-26 09:43:55
End at: 2018-05-26 09:44:25
Local clock offset: -0.567 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.425 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

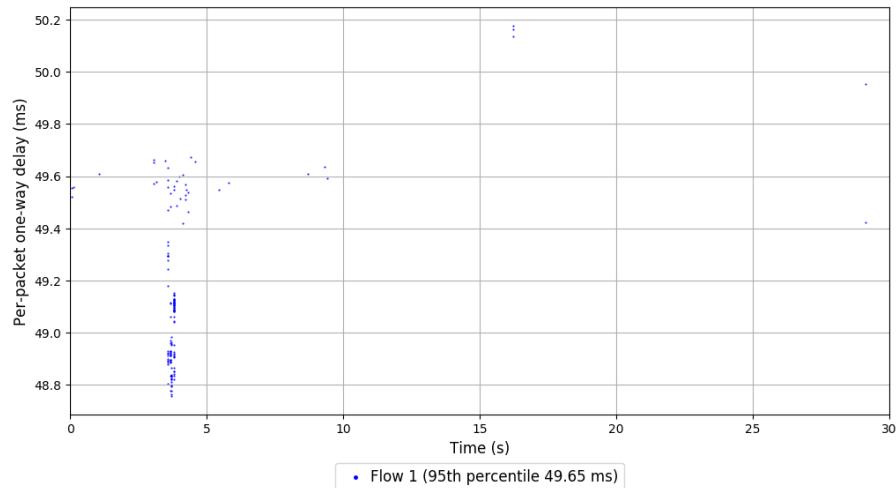
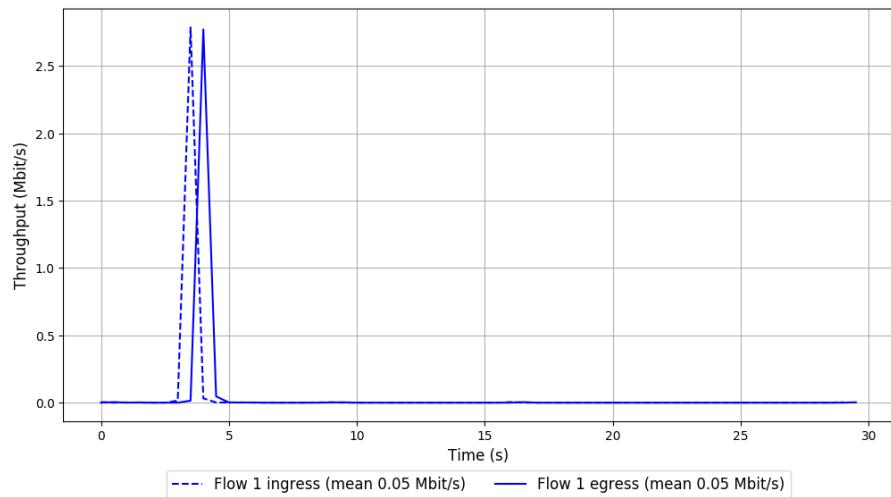


Run 3: Statistics of WebRTC media

```
Start at: 2018-05-26 10:04:00
End at: 2018-05-26 10:04:30
Local clock offset: -0.246 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.651 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

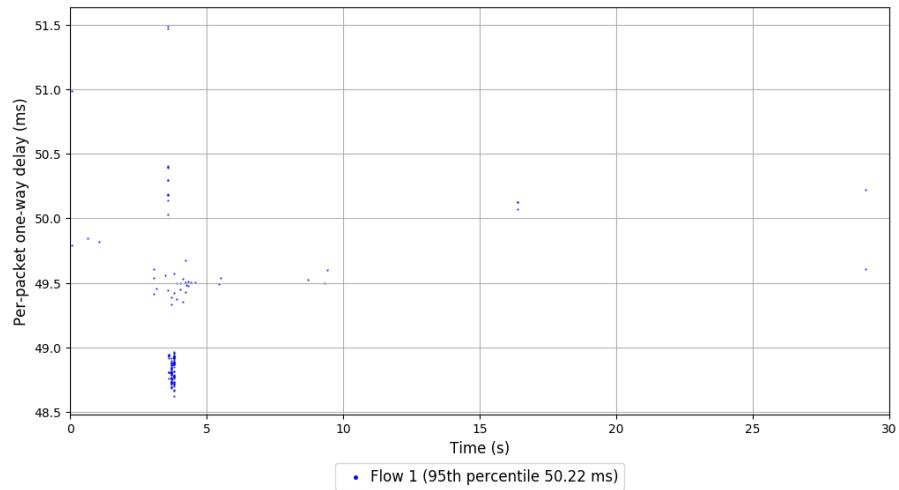
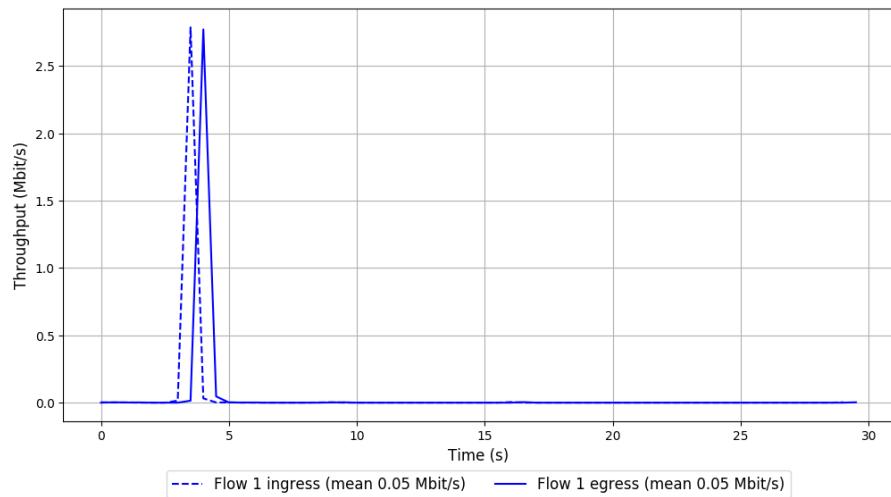


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-26 10:24:21
End at: 2018-05-26 10:24:51
Local clock offset: -0.284 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.224 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

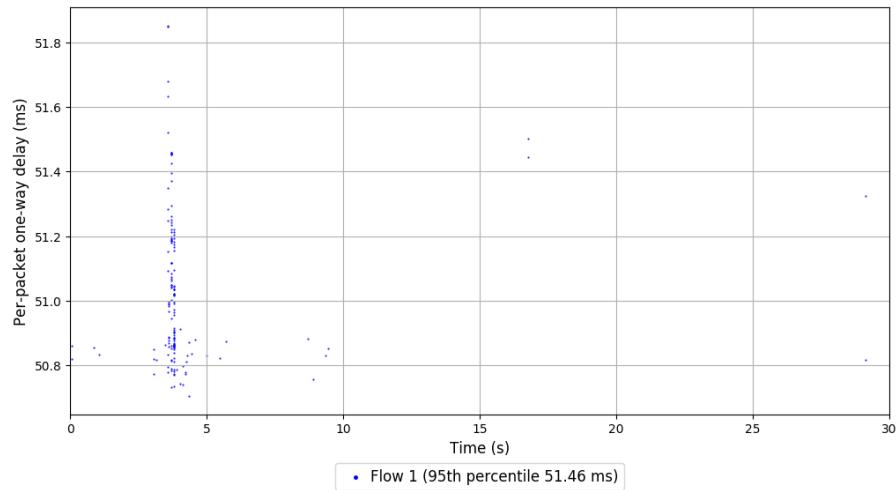
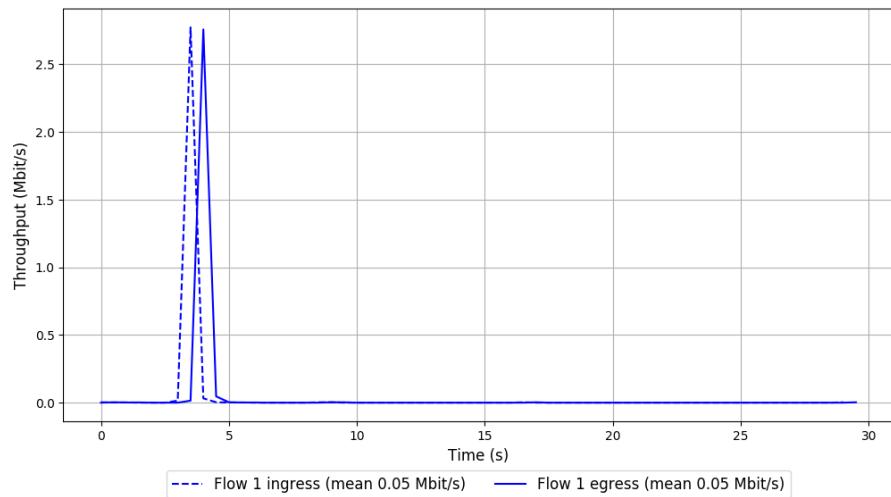


```
Run 5: Statistics of WebRTC media

Start at: 2018-05-26 10:44:23
End at: 2018-05-26 10:44:53
Local clock offset: -0.233 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.457 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

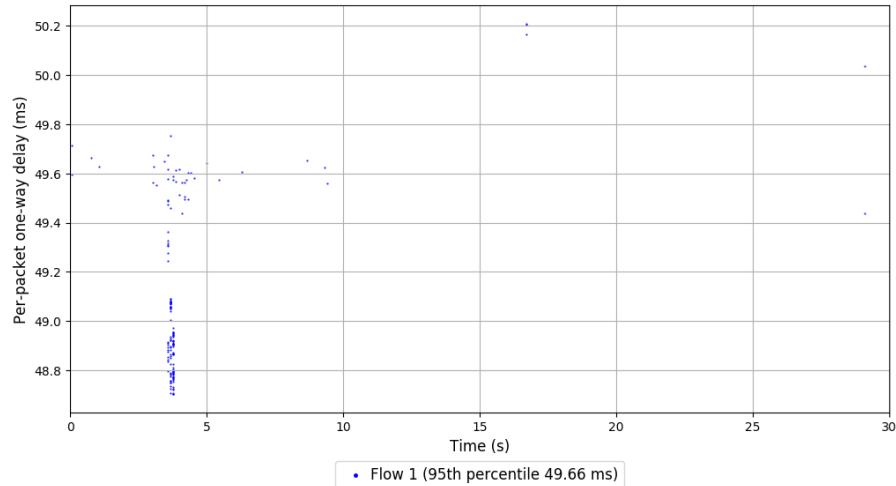
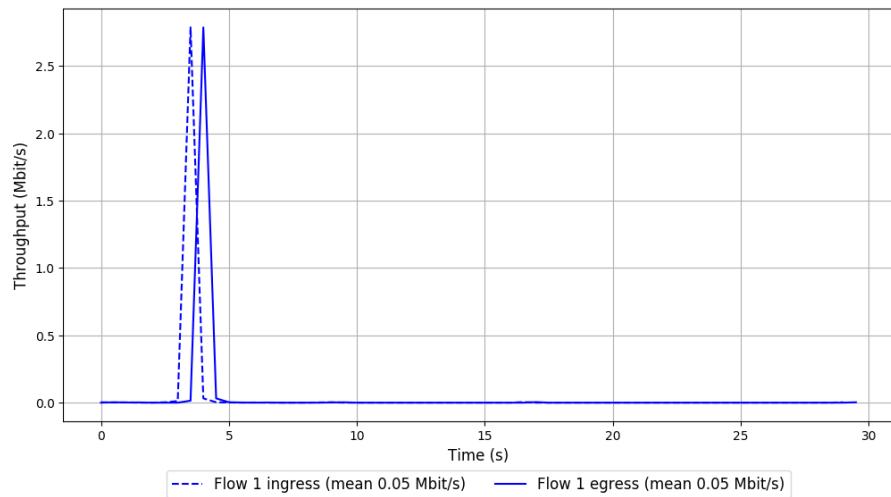


Run 6: Statistics of WebRTC media

```
Start at: 2018-05-26 11:04:30
End at: 2018-05-26 11:05:00
Local clock offset: -0.139 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.665 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

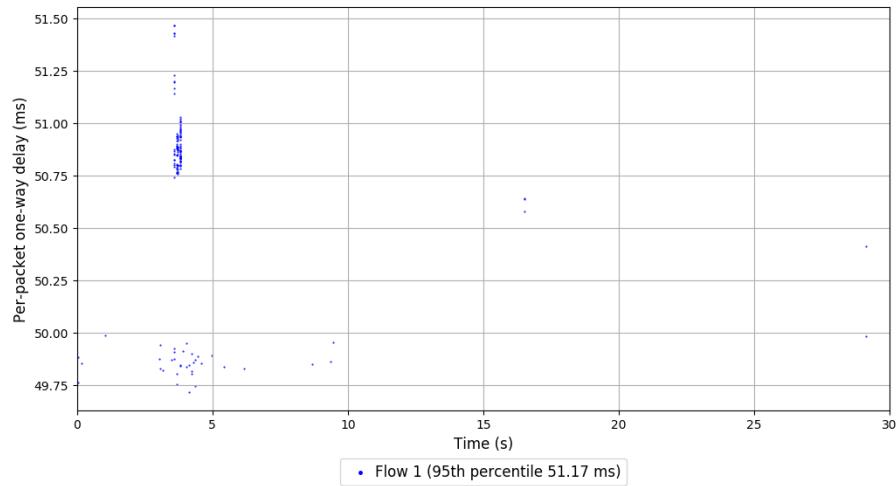
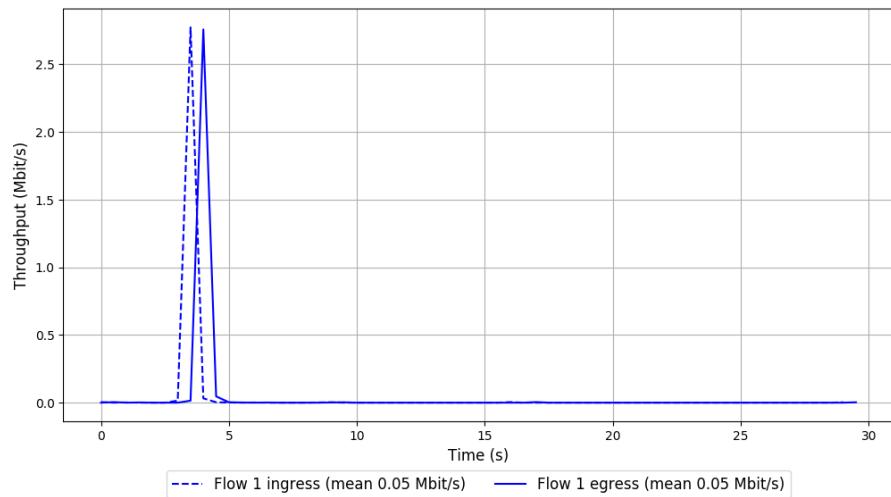


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-26 11:24:48
End at: 2018-05-26 11:25:18
Local clock offset: -0.068 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.166 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

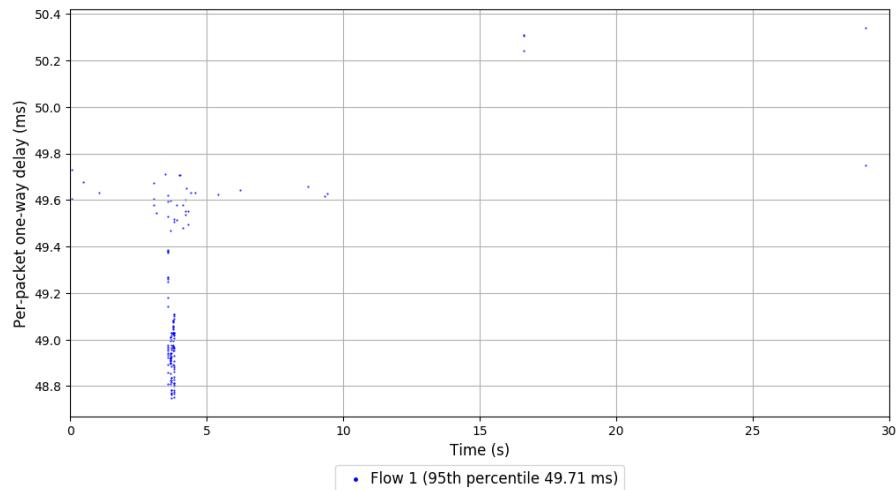
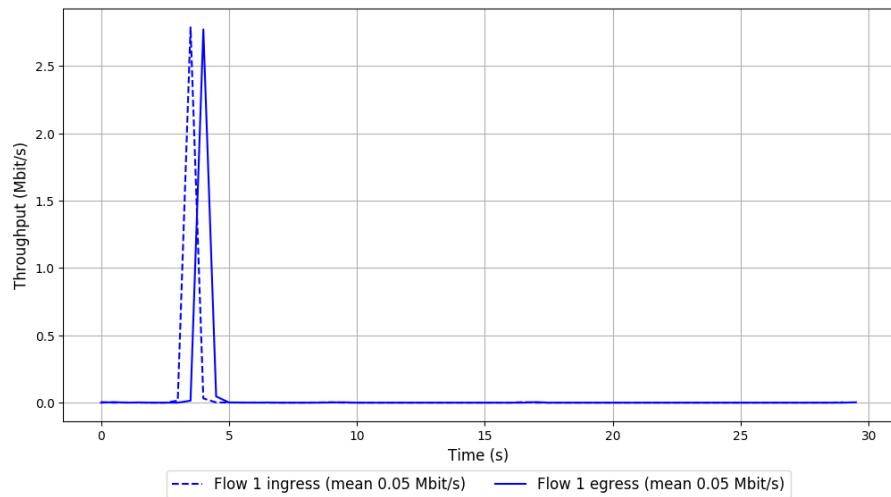


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-26 11:45:07
End at: 2018-05-26 11:45:37
Local clock offset: -0.125 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.707 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

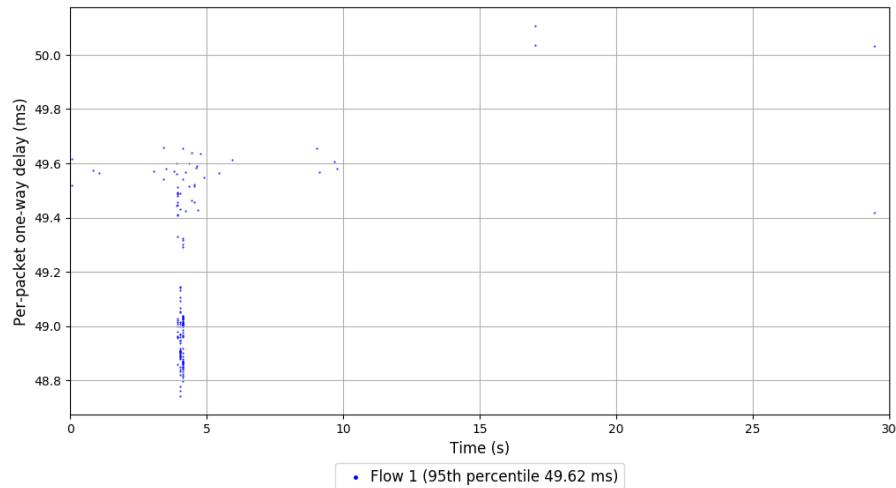
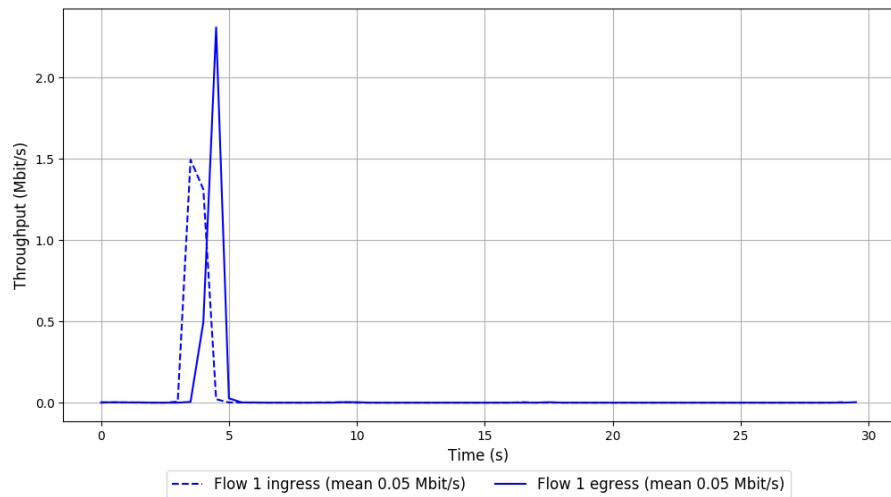


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-26 12:05:16
End at: 2018-05-26 12:05:46
Local clock offset: -0.132 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.616 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2018-05-26 12:25:37
End at: 2018-05-26 12:26:07
Local clock offset: -0.572 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2018-05-26 13:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.012 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

