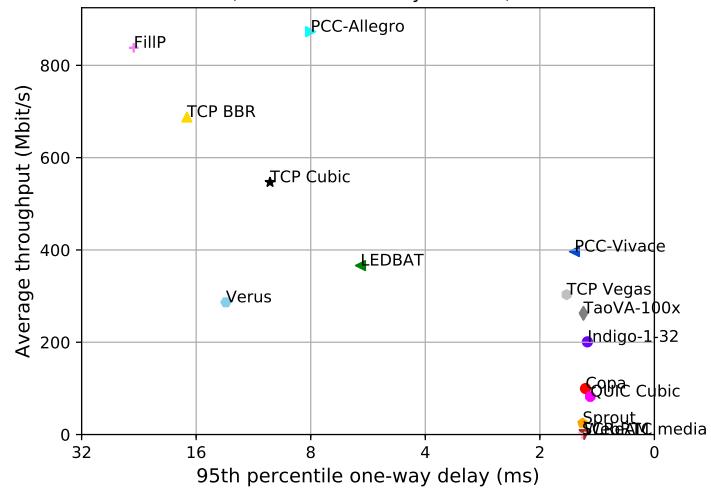


Pantheon Report

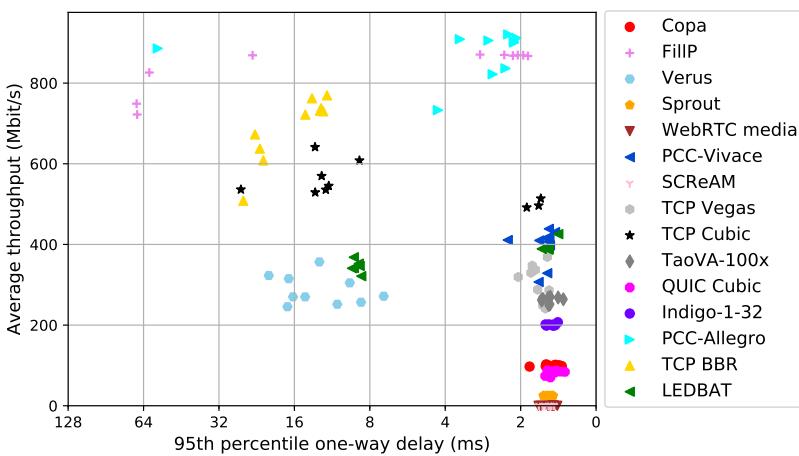
Generated at 2018-04-24 15:21:59 (UTC).
Data path: Stanford Ethernet (*remote*) → AWS California 1 Ethernet (*local*).
Repeated the test of 16 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 114e807ac1bad7b85168ceb1f8a969063ee6c12c  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
  M datagrump/sender.cc  
third_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44  
third_party/genericCC @ d223989828276fa83a807da6e0341dc0c7b89aec  
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9  
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d  
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f  
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89  
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
  M datagrump/sender.cc  
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf  
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993  
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 @ c3370fd7bd17265a79aeb34e4016ad23f5965885  
third_party/sourdough @ f1a14bf7e749737437f61b1eaeeb30b267cde681  
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
  M src/examples/cellsim.cc  
  M src/examples/sproutbt2.cc  
  M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
  M src/verus.hpp  
  M tools/plot.py  
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3  
third_party/webrtc @ f271183af822eee5d0031620f4bebf38aedc5581
```

test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme



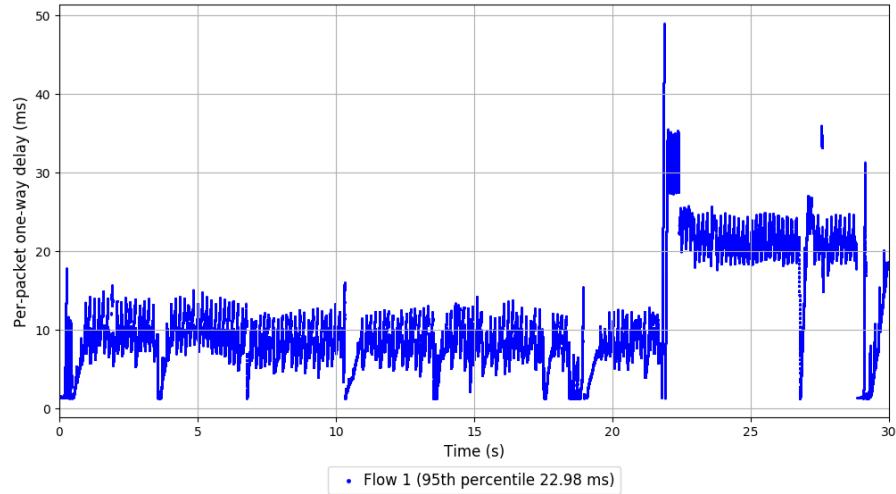
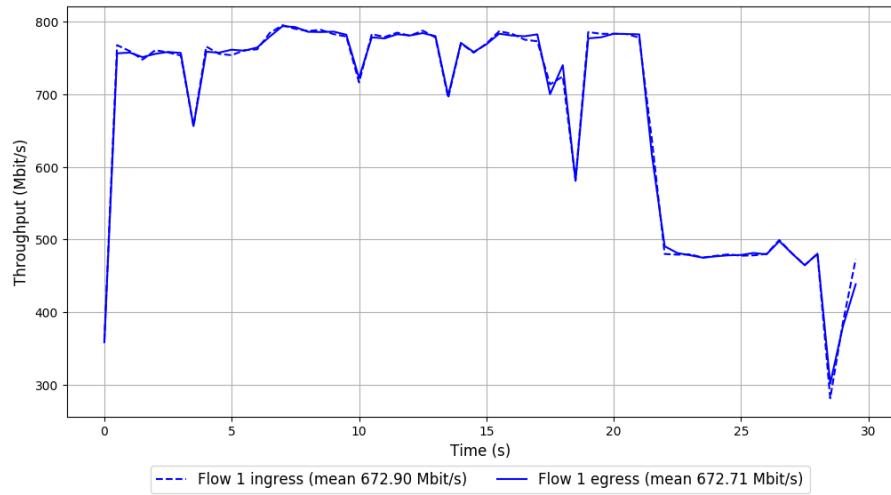
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	688.02	16.92	0.09
TCP Cubic	10	546.72	10.23	0.07
LEDBAT	10	366.17	5.92	0.08
PCC-Allegro	10	872.92	8.01	0.99
QUIC Cubic	10	82.27	1.12	0.07
SCReAM	10	0.22	1.26	0.13
WebRTC media	10	0.05	1.23	0.01
Sprout	10	24.76	1.25	0.04
TaoVA-100x	10	262.74	1.24	0.07
TCP Vegas	10	303.22	1.53	0.06
Verus	10	286.52	13.37	0.06
Copa	10	99.65	1.20	0.06
FillP	10	838.05	23.35	0.85
Indigo-1-32	10	200.89	1.17	0.06
PCC-Vivace	10	396.49	1.40	0.41
PCC-Expr	0	N/A	N/A	N/A

Run 1: Statistics of TCP BBR

```
Start at: 2018-04-24 05:05:50
End at: 2018-04-24 05:06:20
Local clock offset: -0.148 ms
Remote clock offset: -5.426 ms

# Below is generated by plot.py at 2018-04-24 13:51:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 672.71 Mbit/s
95th percentile per-packet one-way delay: 22.981 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 672.71 Mbit/s
95th percentile per-packet one-way delay: 22.981 ms
Loss rate: 0.10%
```

Run 1: Report of TCP BBR — Data Link

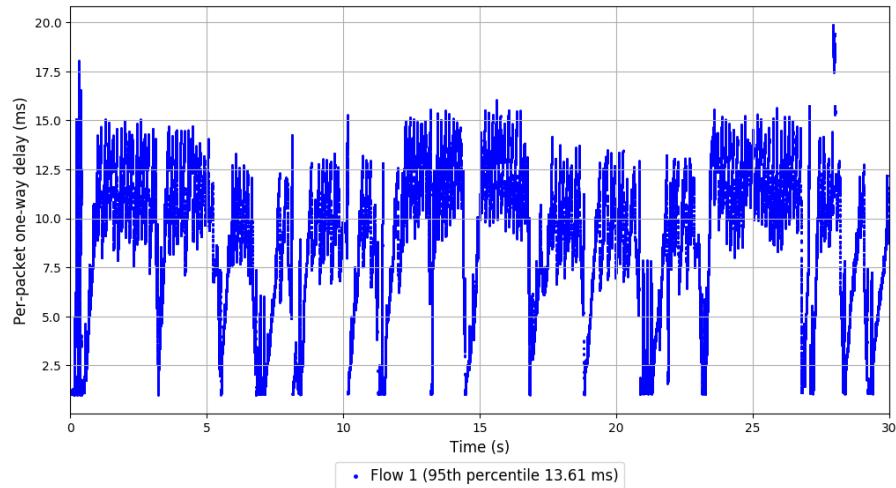
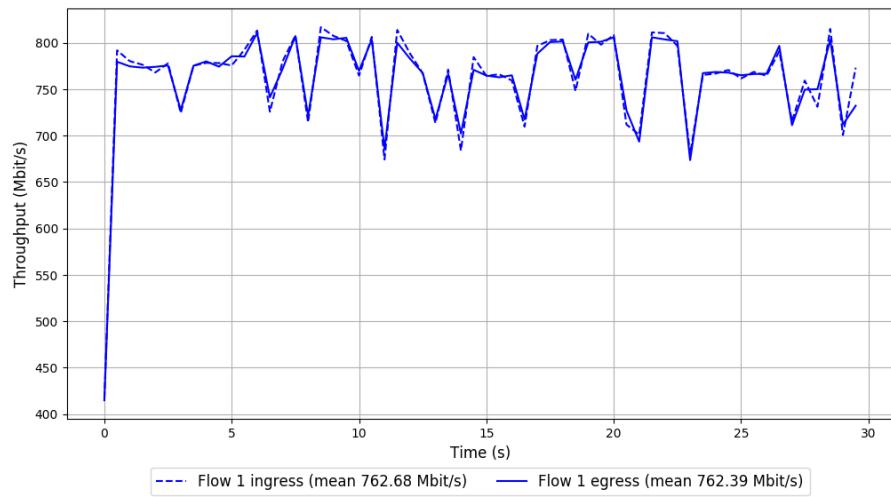


Run 2: Statistics of TCP BBR

```
Start at: 2018-04-24 05:31:20
End at: 2018-04-24 05:31:50
Local clock offset: -1.493 ms
Remote clock offset: -5.217 ms

# Below is generated by plot.py at 2018-04-24 13:52:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 762.39 Mbit/s
95th percentile per-packet one-way delay: 13.612 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 762.39 Mbit/s
95th percentile per-packet one-way delay: 13.612 ms
Loss rate: 0.10%
```

Run 2: Report of TCP BBR — Data Link

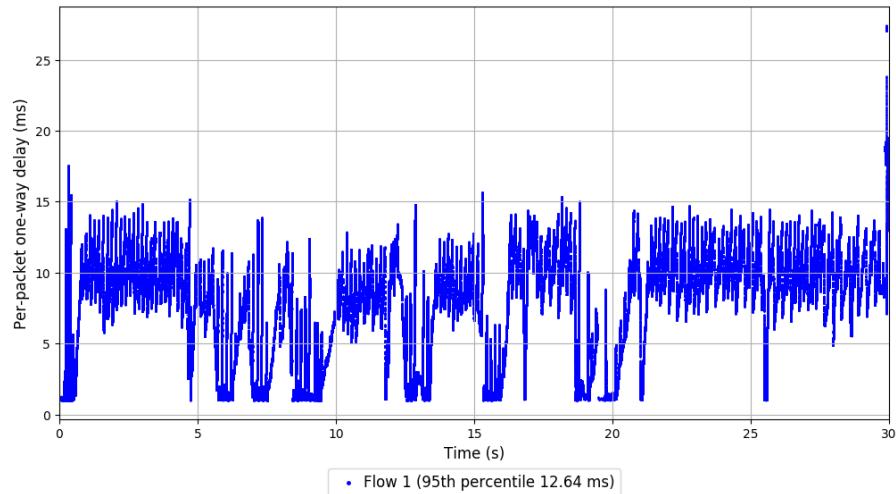
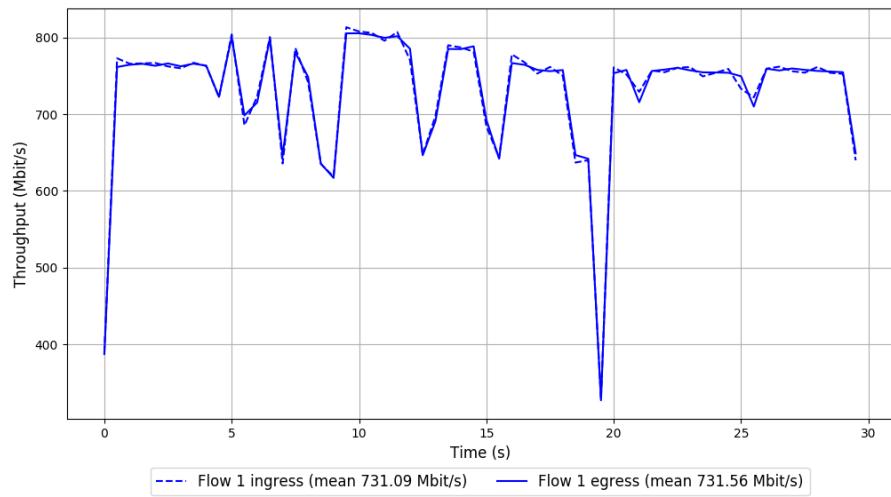


Run 3: Statistics of TCP BBR

```
Start at: 2018-04-24 05:56:43
End at: 2018-04-24 05:57:13
Local clock offset: -2.267 ms
Remote clock offset: -4.959 ms

# Below is generated by plot.py at 2018-04-24 13:52:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 731.56 Mbit/s
95th percentile per-packet one-way delay: 12.637 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 731.56 Mbit/s
95th percentile per-packet one-way delay: 12.637 ms
Loss rate: 0.01%
```

Run 3: Report of TCP BBR — Data Link

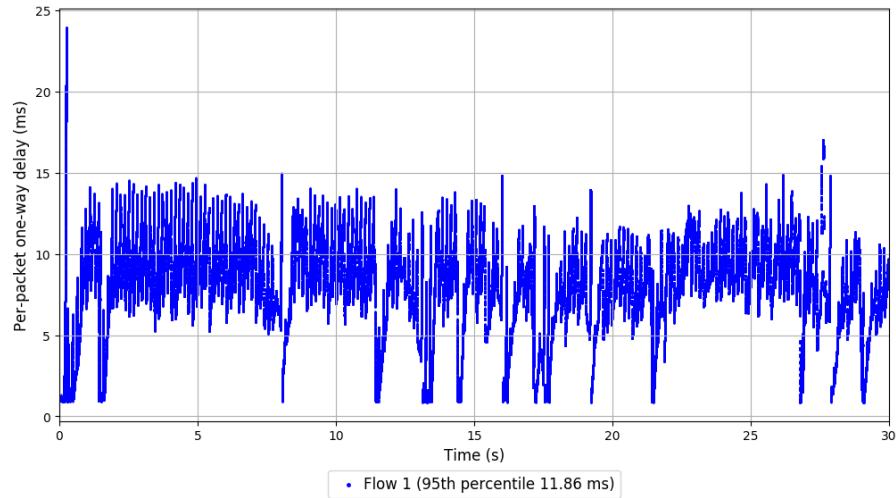
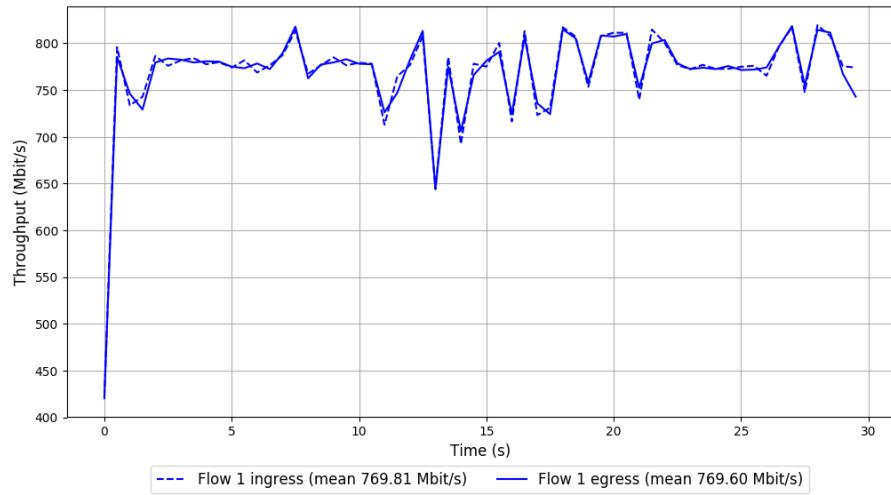


Run 4: Statistics of TCP BBR

```
Start at: 2018-04-24 06:22:01
End at: 2018-04-24 06:22:31
Local clock offset: -1.507 ms
Remote clock offset: -6.764 ms

# Below is generated by plot.py at 2018-04-24 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 769.60 Mbit/s
95th percentile per-packet one-way delay: 11.858 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 769.60 Mbit/s
95th percentile per-packet one-way delay: 11.858 ms
Loss rate: 0.10%
```

Run 4: Report of TCP BBR — Data Link

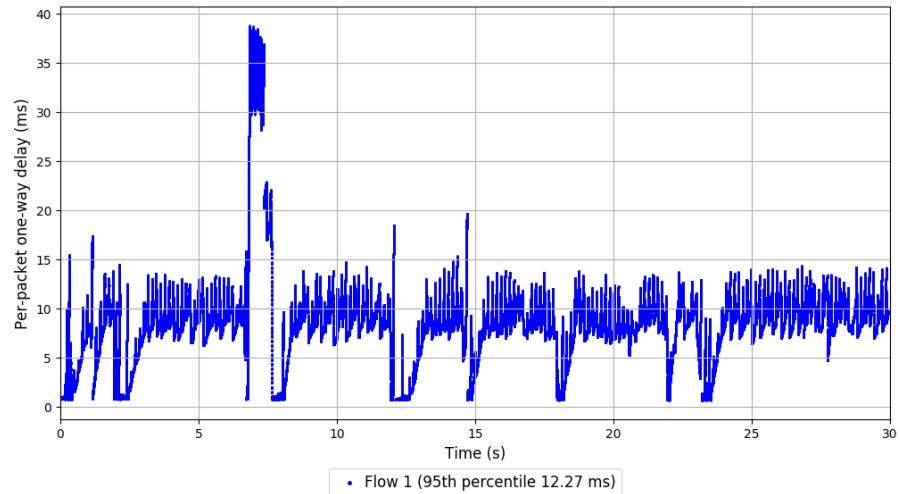
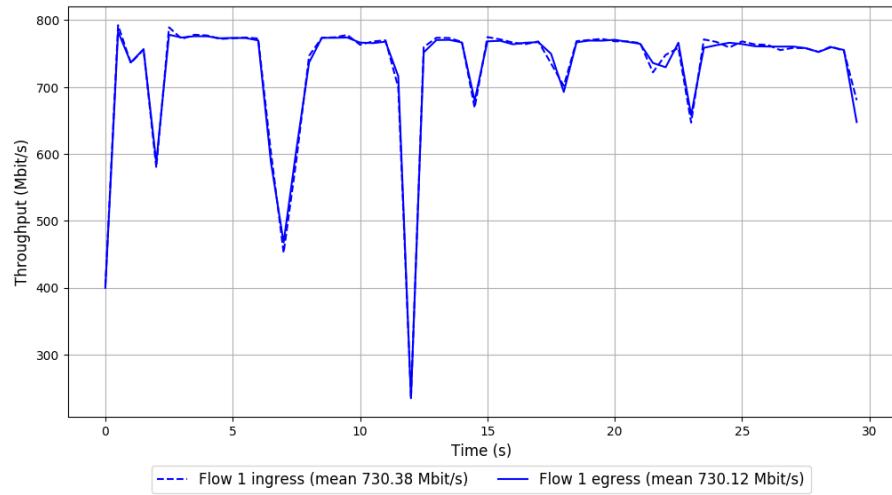


Run 5: Statistics of TCP BBR

```
Start at: 2018-04-24 06:47:20
End at: 2018-04-24 06:47:50
Local clock offset: -1.437 ms
Remote clock offset: -7.282 ms

# Below is generated by plot.py at 2018-04-24 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 730.12 Mbit/s
95th percentile per-packet one-way delay: 12.274 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 730.12 Mbit/s
95th percentile per-packet one-way delay: 12.274 ms
Loss rate: 0.10%
```

Run 5: Report of TCP BBR — Data Link

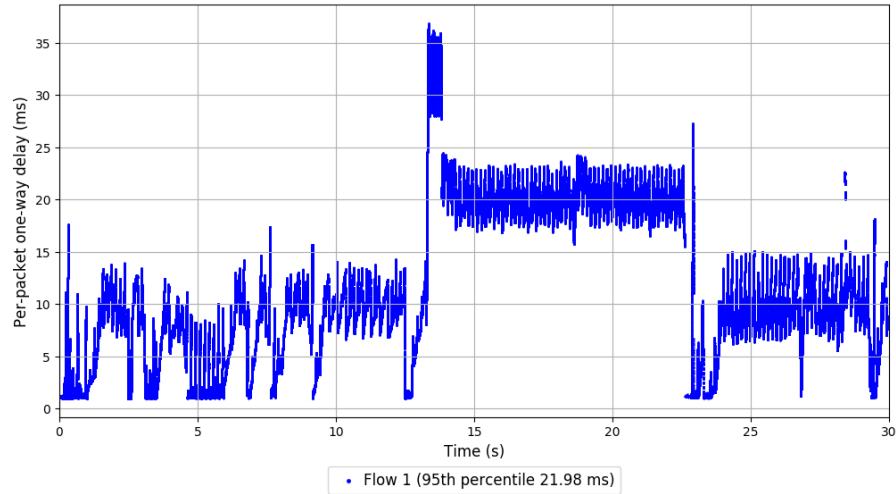
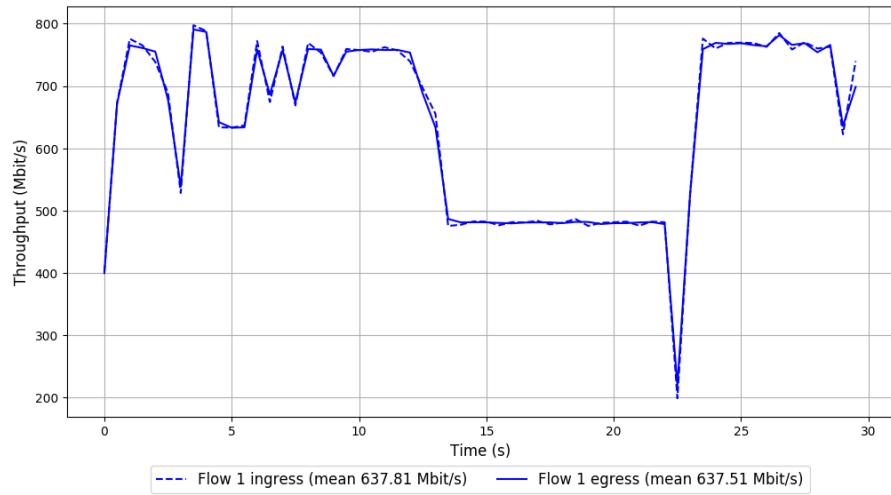


Run 6: Statistics of TCP BBR

```
Start at: 2018-04-24 07:12:49
End at: 2018-04-24 07:13:19
Local clock offset: 0.897 ms
Remote clock offset: -6.149 ms

# Below is generated by plot.py at 2018-04-24 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 637.51 Mbit/s
95th percentile per-packet one-way delay: 21.982 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 637.51 Mbit/s
95th percentile per-packet one-way delay: 21.982 ms
Loss rate: 0.11%
```

Run 6: Report of TCP BBR — Data Link

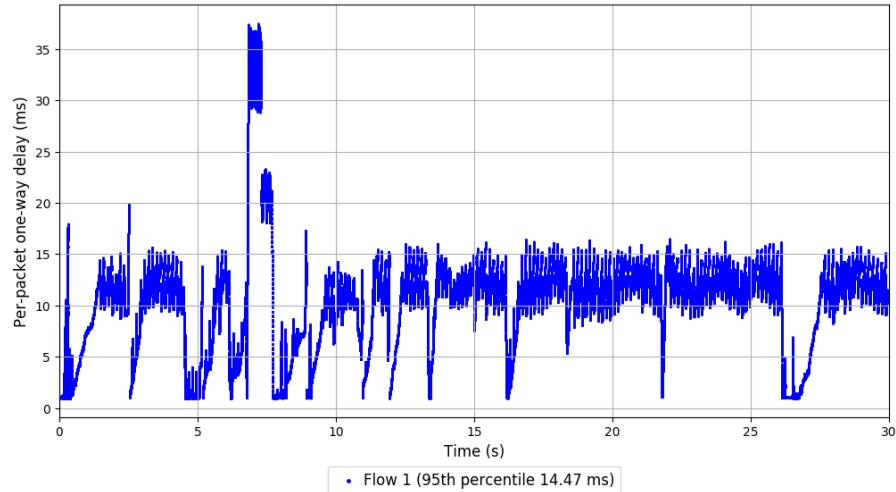
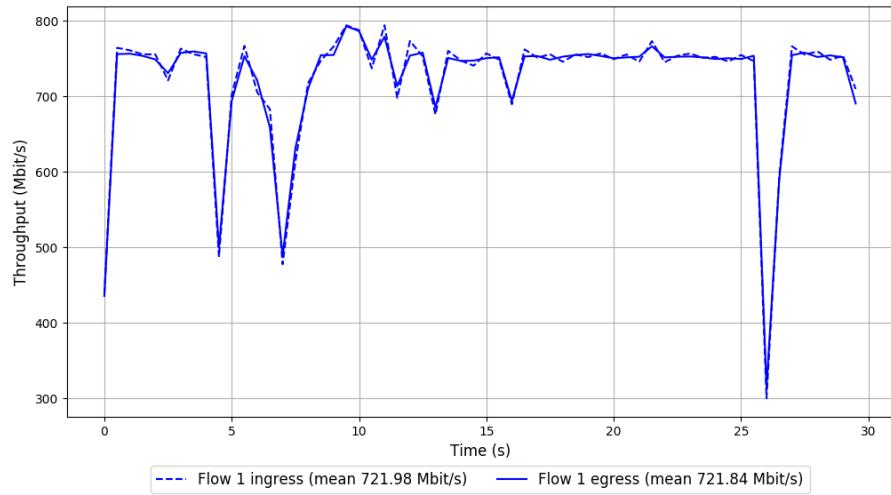


Run 7: Statistics of TCP BBR

```
Start at: 2018-04-24 07:38:05
End at: 2018-04-24 07:38:35
Local clock offset: -1.045 ms
Remote clock offset: -4.713 ms

# Below is generated by plot.py at 2018-04-24 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 721.84 Mbit/s
95th percentile per-packet one-way delay: 14.470 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 721.84 Mbit/s
95th percentile per-packet one-way delay: 14.470 ms
Loss rate: 0.09%
```

Run 7: Report of TCP BBR — Data Link

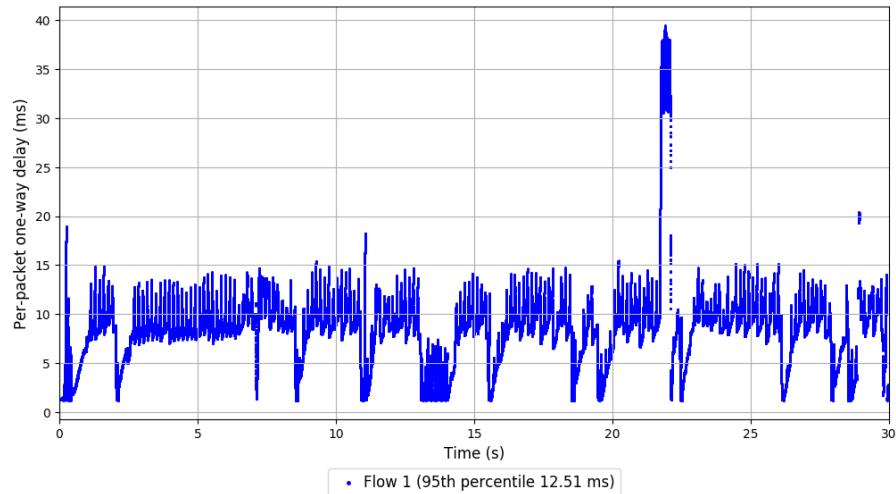
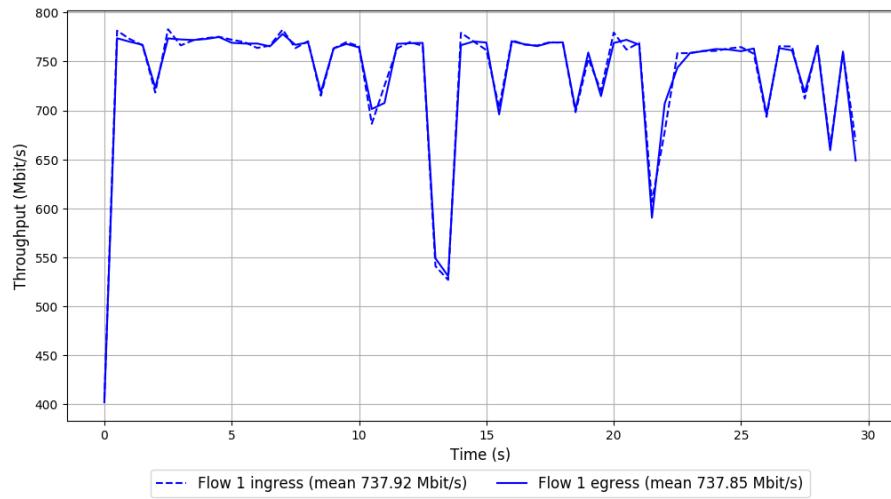


Run 8: Statistics of TCP BBR

```
Start at: 2018-04-24 08:03:22
End at: 2018-04-24 08:03:52
Local clock offset: -0.959 ms
Remote clock offset: -6.194 ms

# Below is generated by plot.py at 2018-04-24 13:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 737.85 Mbit/s
95th percentile per-packet one-way delay: 12.513 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 737.85 Mbit/s
95th percentile per-packet one-way delay: 12.513 ms
Loss rate: 0.08%
```

Run 8: Report of TCP BBR — Data Link

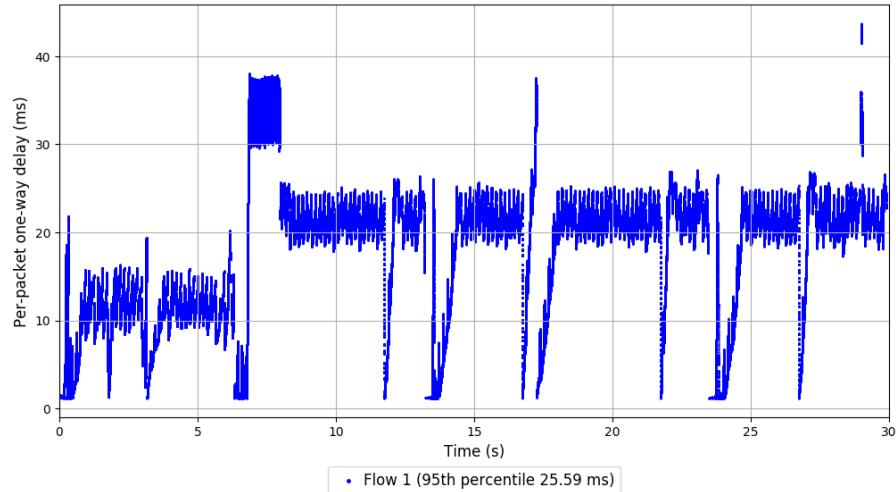
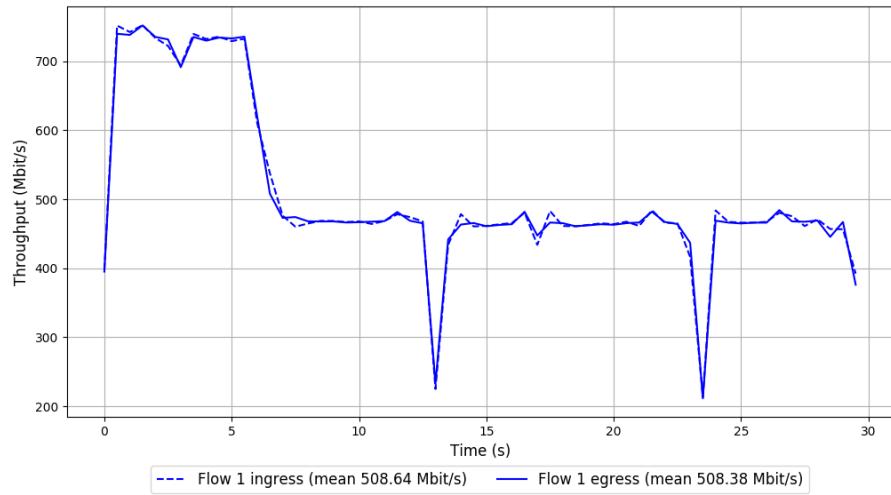


Run 9: Statistics of TCP BBR

```
Start at: 2018-04-24 08:28:47
End at: 2018-04-24 08:29:17
Local clock offset: -1.234 ms
Remote clock offset: -6.366 ms

# Below is generated by plot.py at 2018-04-24 13:58:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 508.38 Mbit/s
95th percentile per-packet one-way delay: 25.588 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 508.38 Mbit/s
95th percentile per-packet one-way delay: 25.588 ms
Loss rate: 0.12%
```

Run 9: Report of TCP BBR — Data Link

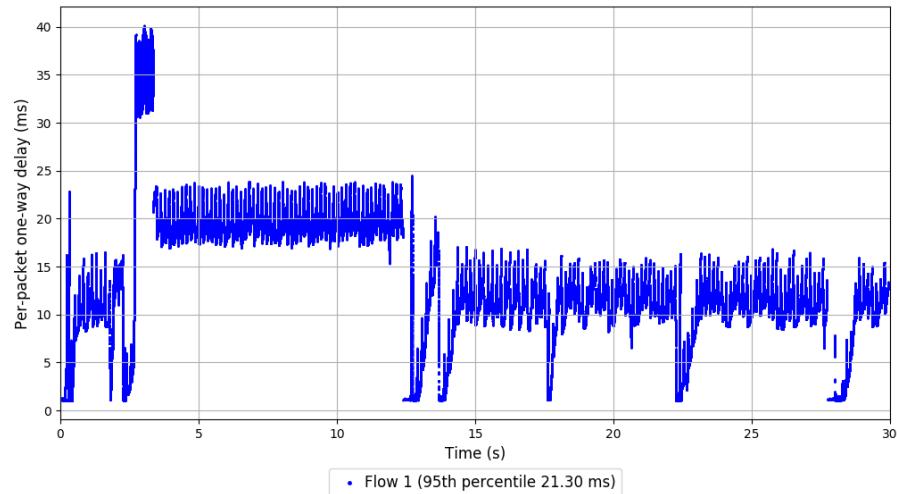
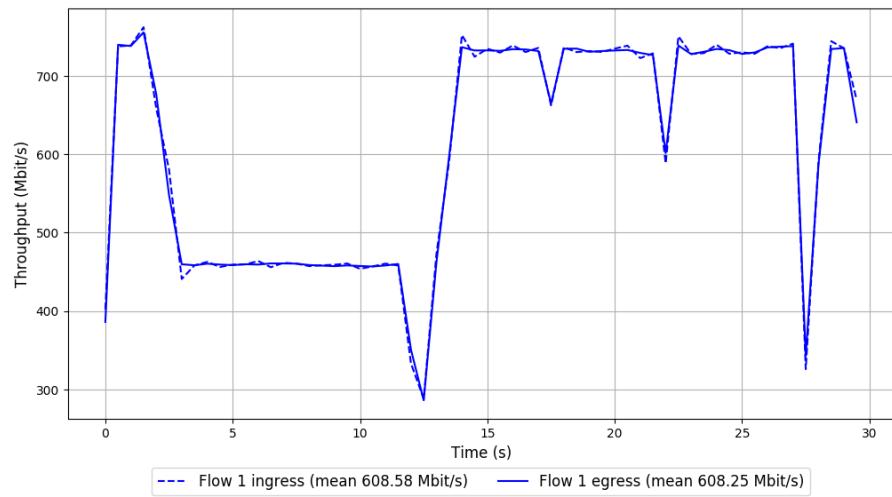


Run 10: Statistics of TCP BBR

```
Start at: 2018-04-24 08:53:57
End at: 2018-04-24 08:54:27
Local clock offset: -0.73 ms
Remote clock offset: -5.89 ms

# Below is generated by plot.py at 2018-04-24 13:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 608.25 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 608.25 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.12%
```

Run 10: Report of TCP BBR — Data Link

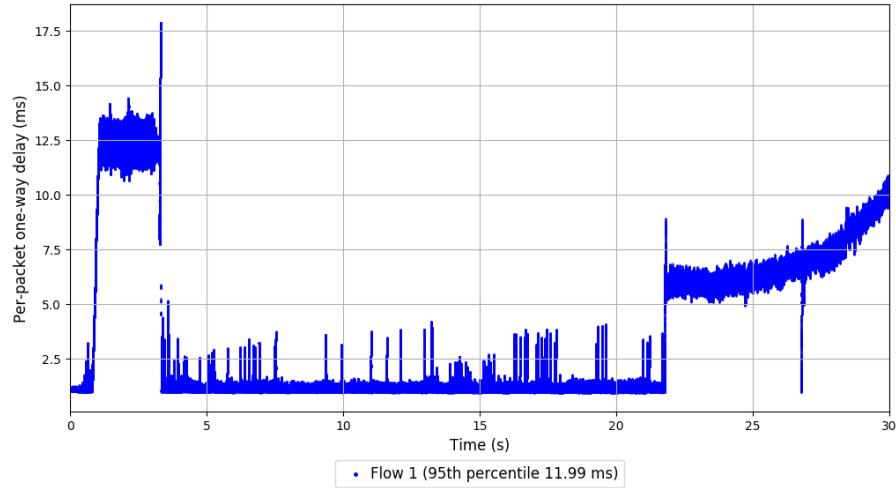


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-04-24 05:23:35
End at: 2018-04-24 05:24:05
Local clock offset: -0.935 ms
Remote clock offset: -5.069 ms

# Below is generated by plot.py at 2018-04-24 13:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 535.73 Mbit/s
95th percentile per-packet one-way delay: 11.987 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 535.73 Mbit/s
95th percentile per-packet one-way delay: 11.987 ms
Loss rate: 0.09%
```

Run 1: Report of TCP Cubic — Data Link

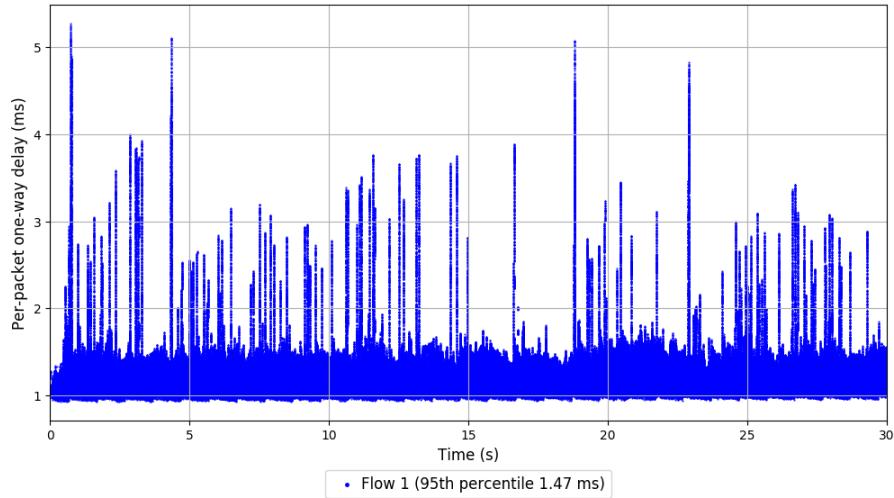
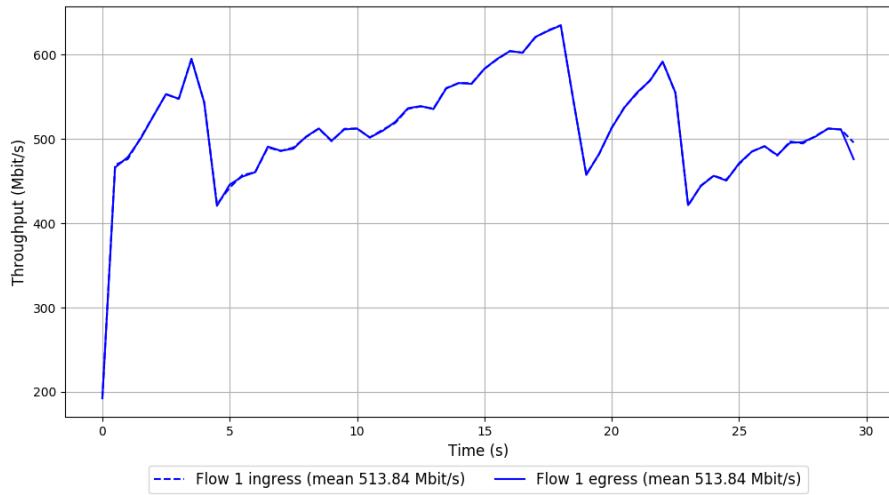


Run 2: Statistics of TCP Cubic

```
Start at: 2018-04-24 05:48:59
End at: 2018-04-24 05:49:29
Local clock offset: -1.744 ms
Remote clock offset: -5.047 ms

# Below is generated by plot.py at 2018-04-24 13:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 513.84 Mbit/s
95th percentile per-packet one-way delay: 1.466 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 513.84 Mbit/s
95th percentile per-packet one-way delay: 1.466 ms
Loss rate: 0.07%
```

Run 2: Report of TCP Cubic — Data Link

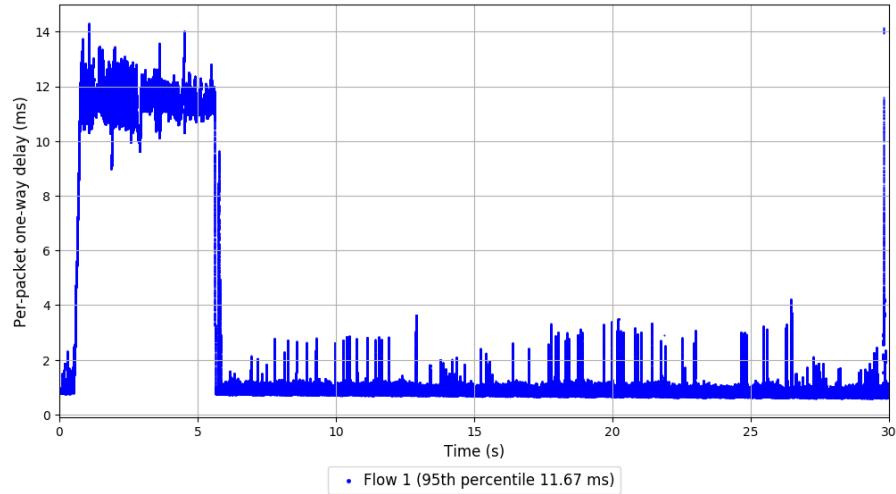
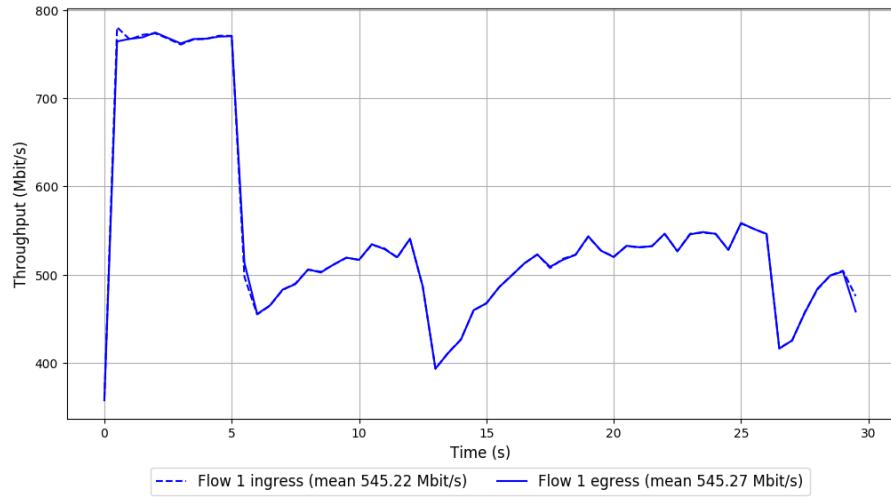


Run 3: Statistics of TCP Cubic

```
Start at: 2018-04-24 06:14:17
End at: 2018-04-24 06:14:47
Local clock offset: -3.1 ms
Remote clock offset: -6.538 ms

# Below is generated by plot.py at 2018-04-24 13:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 545.27 Mbit/s
95th percentile per-packet one-way delay: 11.672 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 545.27 Mbit/s
95th percentile per-packet one-way delay: 11.672 ms
Loss rate: 0.06%
```

Run 3: Report of TCP Cubic — Data Link

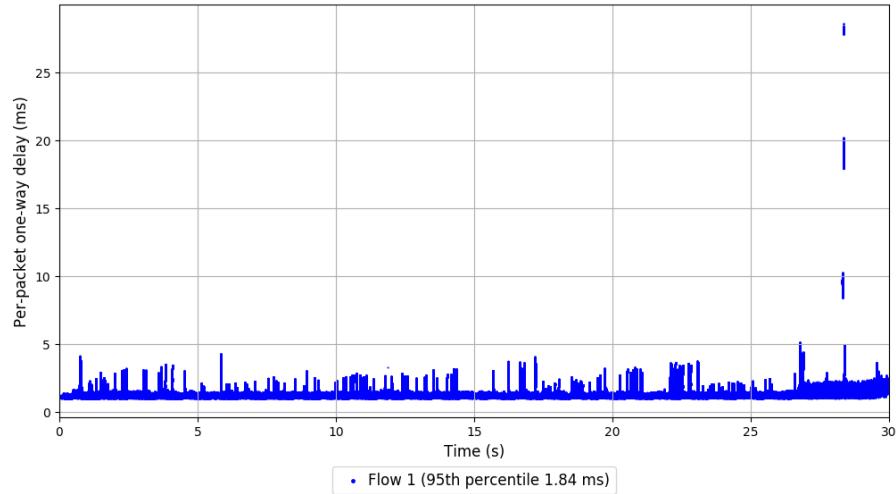
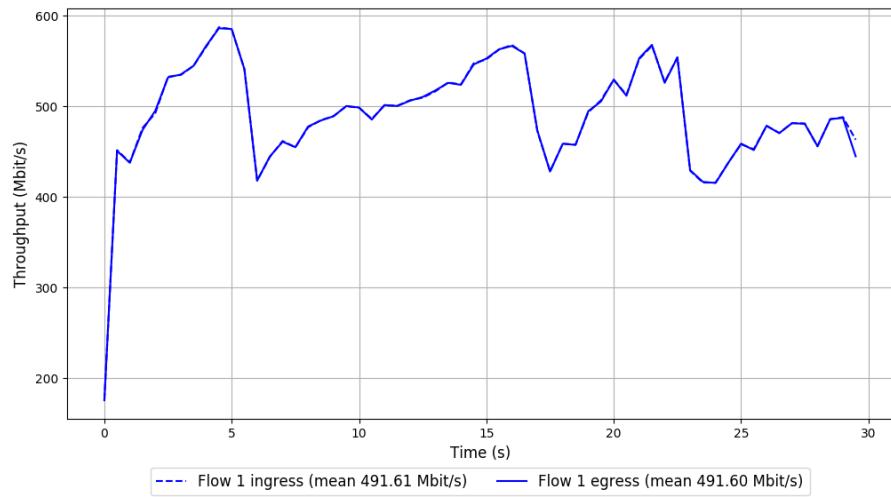


Run 4: Statistics of TCP Cubic

```
Start at: 2018-04-24 06:39:37
End at: 2018-04-24 06:40:07
Local clock offset: -1.446 ms
Remote clock offset: -7.153 ms

# Below is generated by plot.py at 2018-04-24 13:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 491.60 Mbit/s
95th percentile per-packet one-way delay: 1.838 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 491.60 Mbit/s
95th percentile per-packet one-way delay: 1.838 ms
Loss rate: 0.07%
```

Run 4: Report of TCP Cubic — Data Link

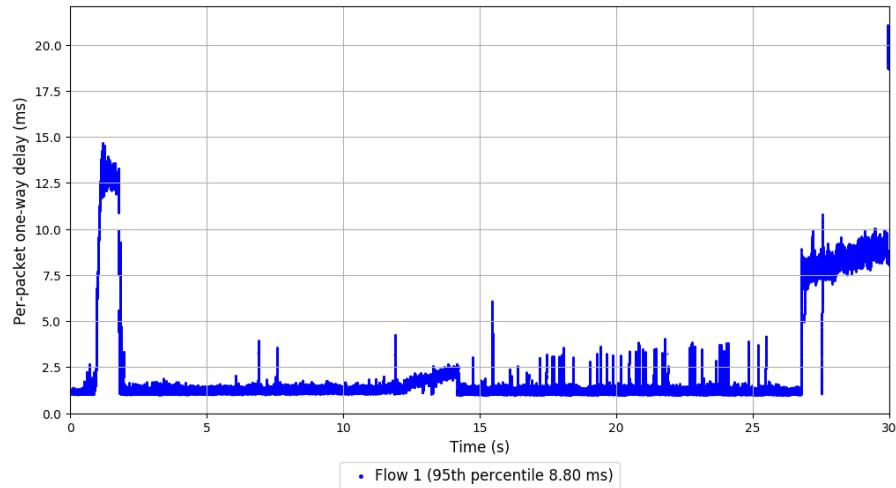
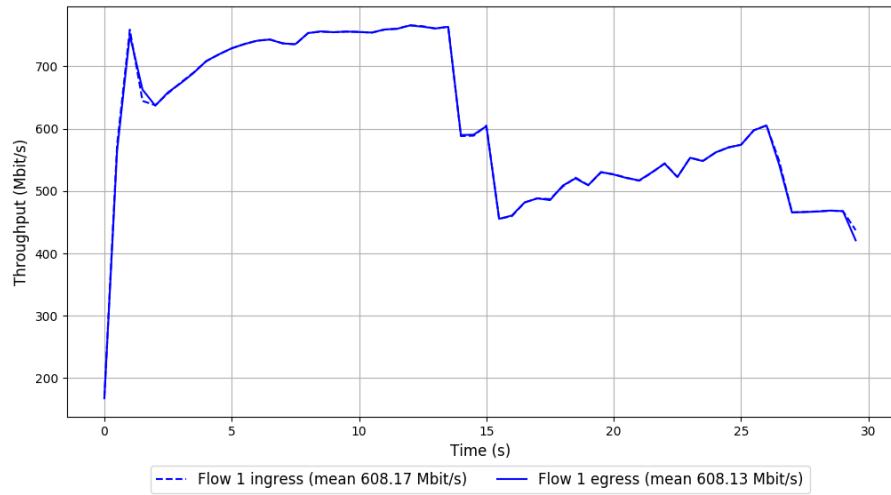


Run 5: Statistics of TCP Cubic

```
Start at: 2018-04-24 07:05:04
End at: 2018-04-24 07:05:34
Local clock offset: 0.823 ms
Remote clock offset: -7.641 ms

# Below is generated by plot.py at 2018-04-24 14:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 608.13 Mbit/s
95th percentile per-packet one-way delay: 8.799 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 608.13 Mbit/s
95th percentile per-packet one-way delay: 8.799 ms
Loss rate: 0.07%
```

Run 5: Report of TCP Cubic — Data Link

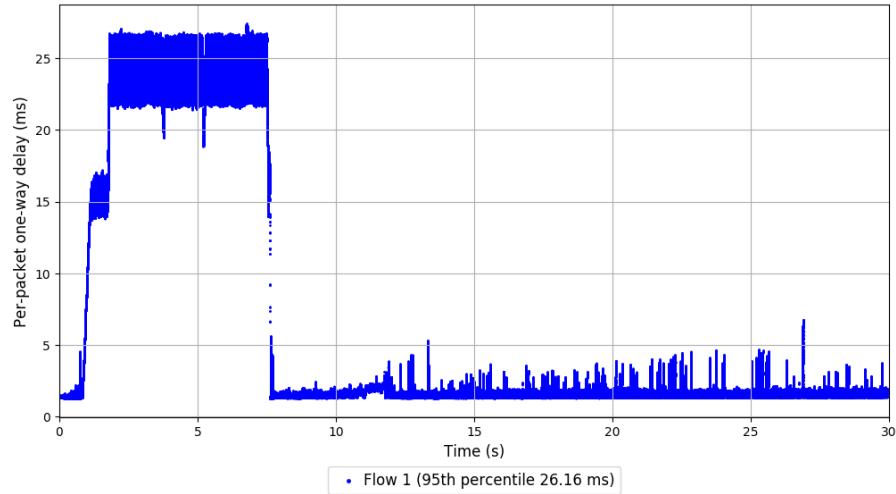
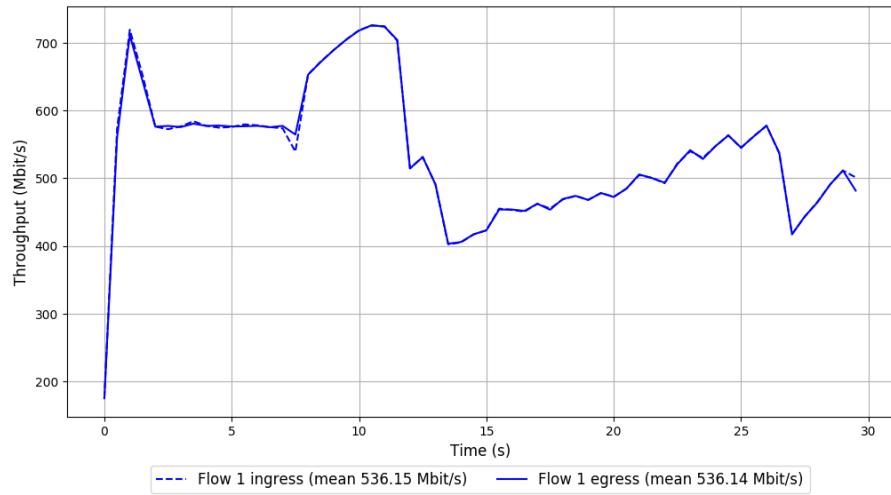


Run 6: Statistics of TCP Cubic

```
Start at: 2018-04-24 07:30:24
End at: 2018-04-24 07:30:54
Local clock offset: -0.203 ms
Remote clock offset: -4.983 ms

# Below is generated by plot.py at 2018-04-24 14:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 536.14 Mbit/s
95th percentile per-packet one-way delay: 26.158 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 536.14 Mbit/s
95th percentile per-packet one-way delay: 26.158 ms
Loss rate: 0.07%
```

Run 6: Report of TCP Cubic — Data Link

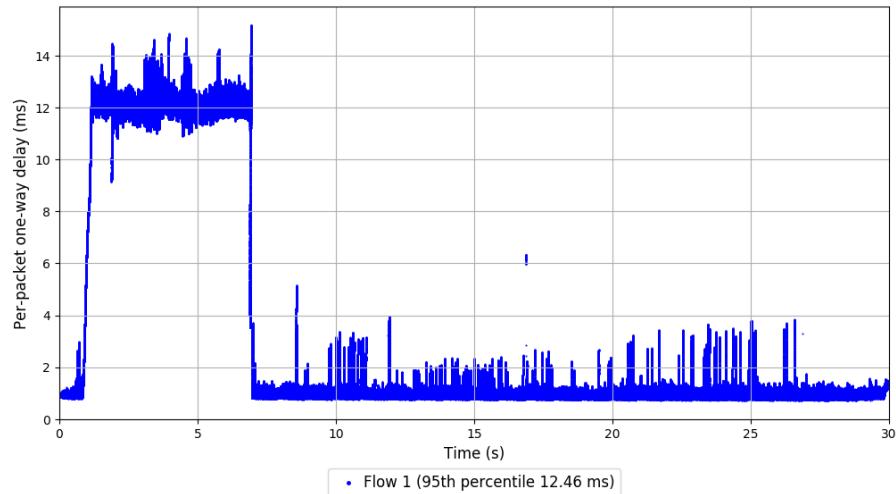
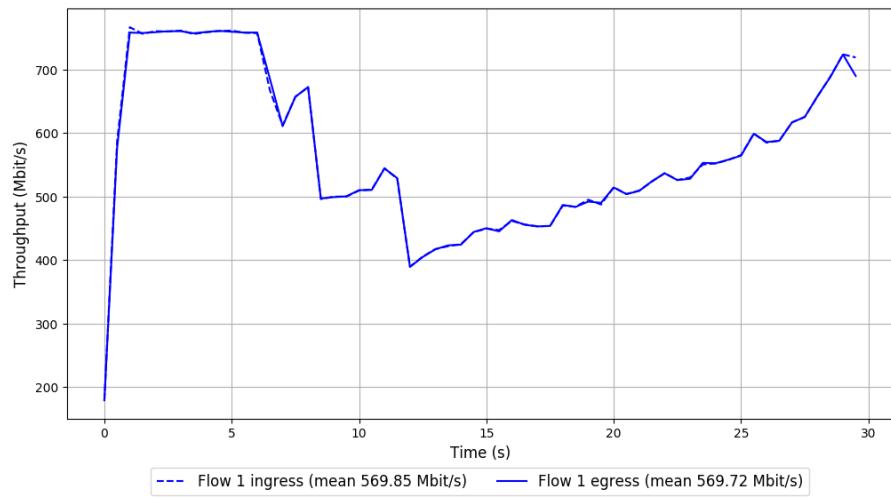


Run 7: Statistics of TCP Cubic

```
Start at: 2018-04-24 07:55:44
End at: 2018-04-24 07:56:14
Local clock offset: -1.849 ms
Remote clock offset: -6.072 ms

# Below is generated by plot.py at 2018-04-24 14:06:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 569.72 Mbit/s
95th percentile per-packet one-way delay: 12.455 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 569.72 Mbit/s
95th percentile per-packet one-way delay: 12.455 ms
Loss rate: 0.09%
```

Run 7: Report of TCP Cubic — Data Link

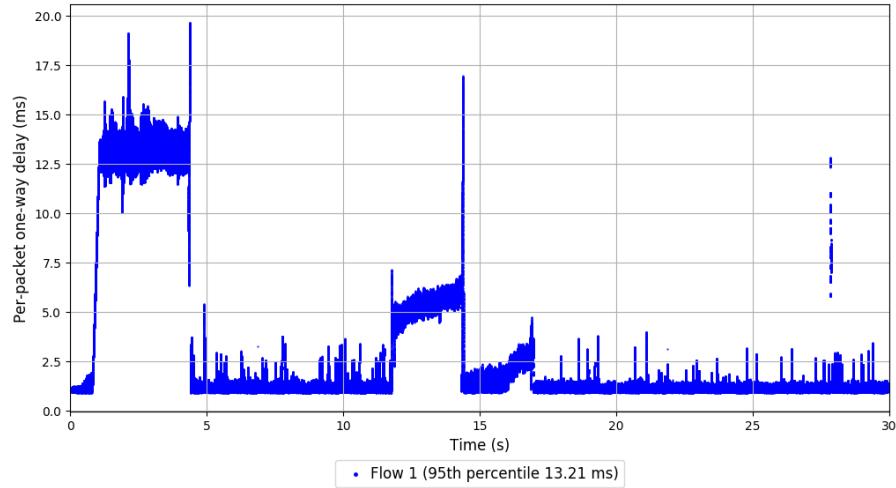
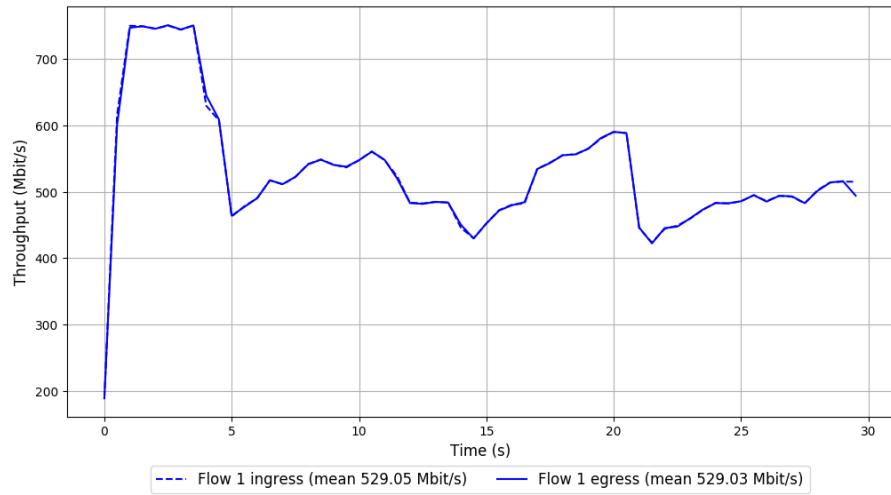


Run 8: Statistics of TCP Cubic

```
Start at: 2018-04-24 08:21:06
End at: 2018-04-24 08:21:36
Local clock offset: -1.359 ms
Remote clock offset: -6.333 ms

# Below is generated by plot.py at 2018-04-24 14:07:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 529.03 Mbit/s
95th percentile per-packet one-way delay: 13.214 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 529.03 Mbit/s
95th percentile per-packet one-way delay: 13.214 ms
Loss rate: 0.07%
```

Run 8: Report of TCP Cubic — Data Link

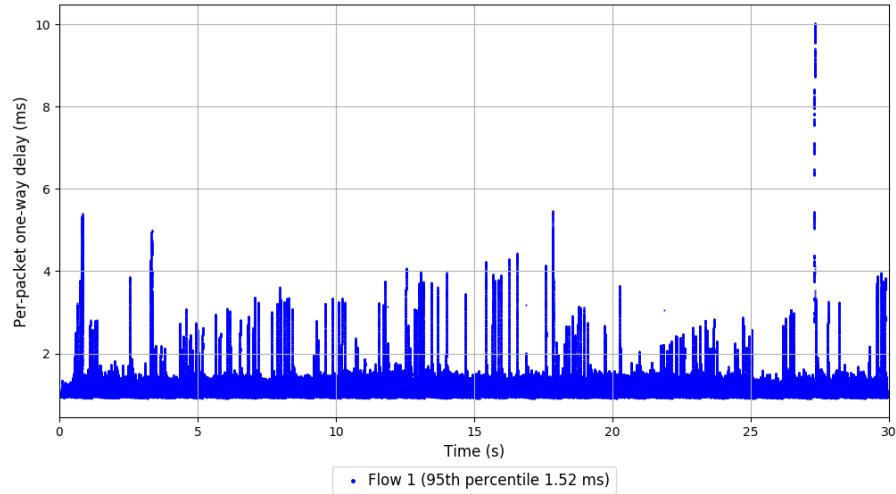
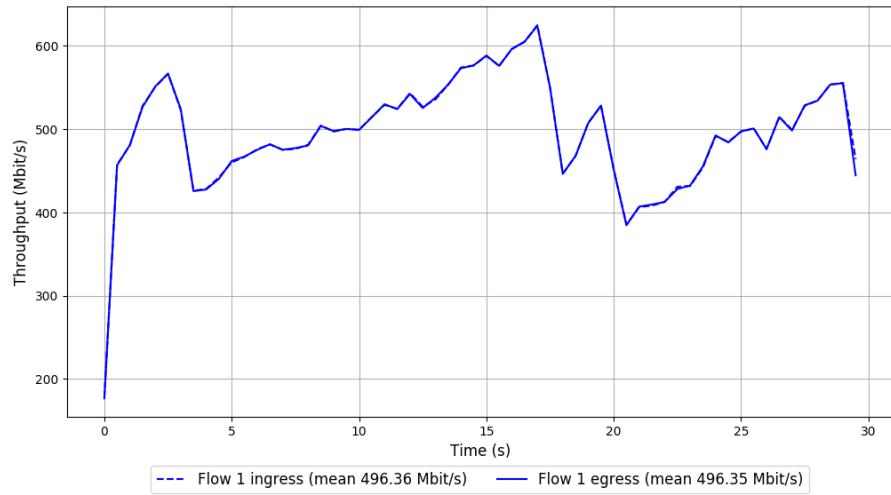


Run 9: Statistics of TCP Cubic

```
Start at: 2018-04-24 08:46:21
End at: 2018-04-24 08:46:51
Local clock offset: -0.82 ms
Remote clock offset: -6.394 ms

# Below is generated by plot.py at 2018-04-24 14:07:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 496.35 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 496.35 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.07%
```

Run 9: Report of TCP Cubic — Data Link

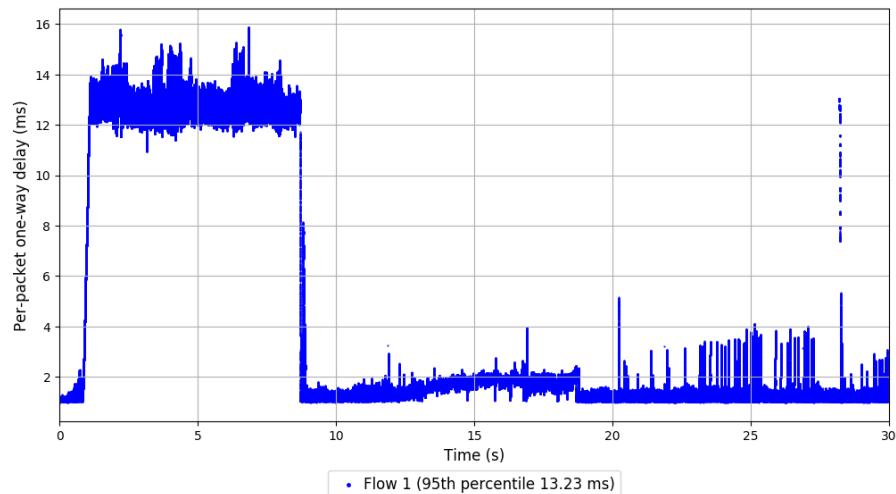
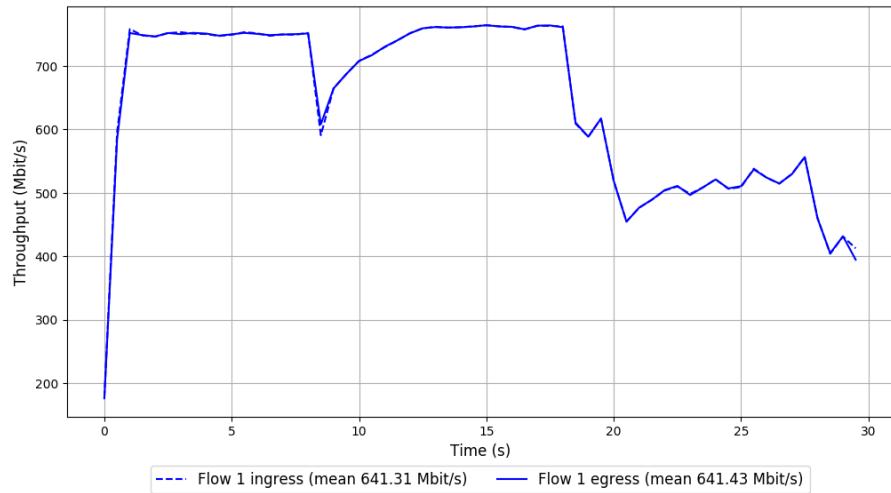


Run 10: Statistics of TCP Cubic

```
Start at: 2018-04-24 09:11:31
End at: 2018-04-24 09:12:01
Local clock offset: -0.439 ms
Remote clock offset: -5.247 ms

# Below is generated by plot.py at 2018-04-24 14:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 641.43 Mbit/s
95th percentile per-packet one-way delay: 13.235 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 641.43 Mbit/s
95th percentile per-packet one-way delay: 13.235 ms
Loss rate: 0.05%
```

Run 10: Report of TCP Cubic — Data Link

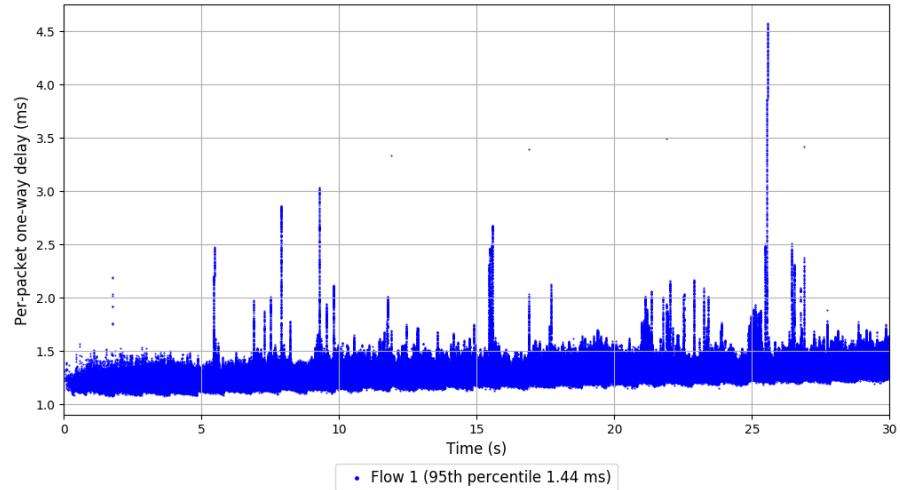
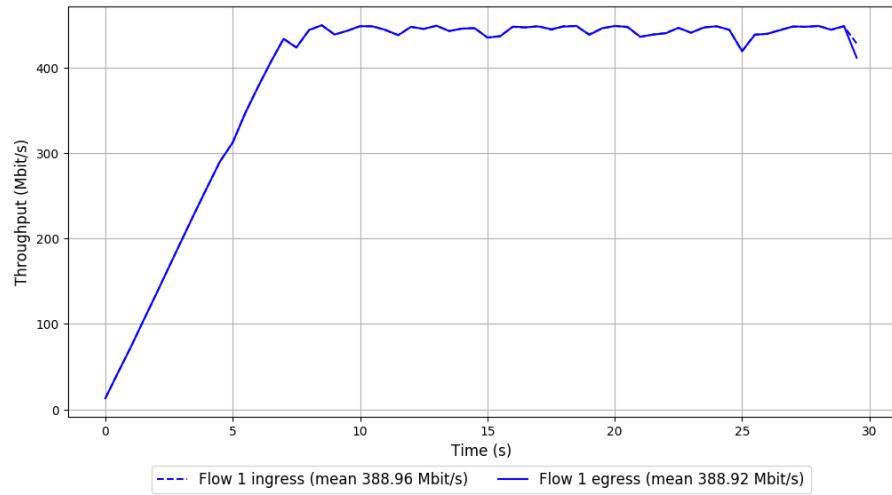


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-04-24 05:10:18
End at: 2018-04-24 05:10:48
Local clock offset: -0.021 ms
Remote clock offset: -5.334 ms

# Below is generated by plot.py at 2018-04-24 14:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 388.92 Mbit/s
95th percentile per-packet one-way delay: 1.442 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 388.92 Mbit/s
95th percentile per-packet one-way delay: 1.442 ms
Loss rate: 0.07%
```

Run 1: Report of LEDBAT — Data Link

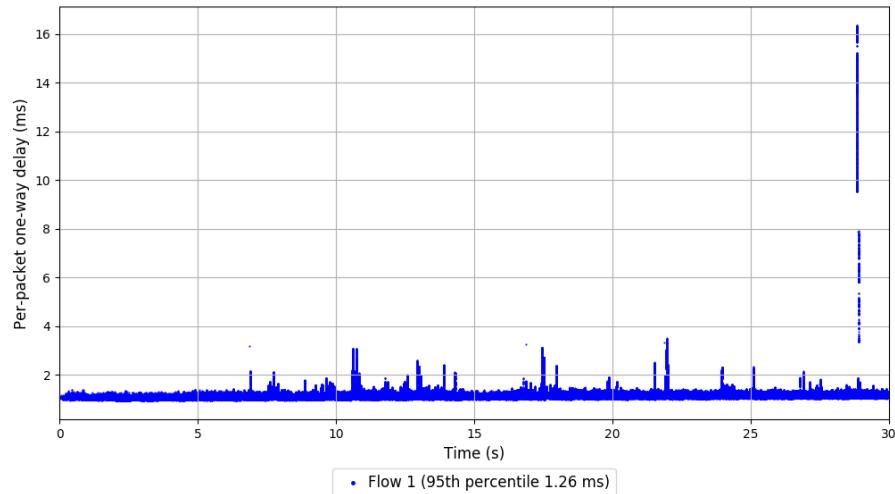
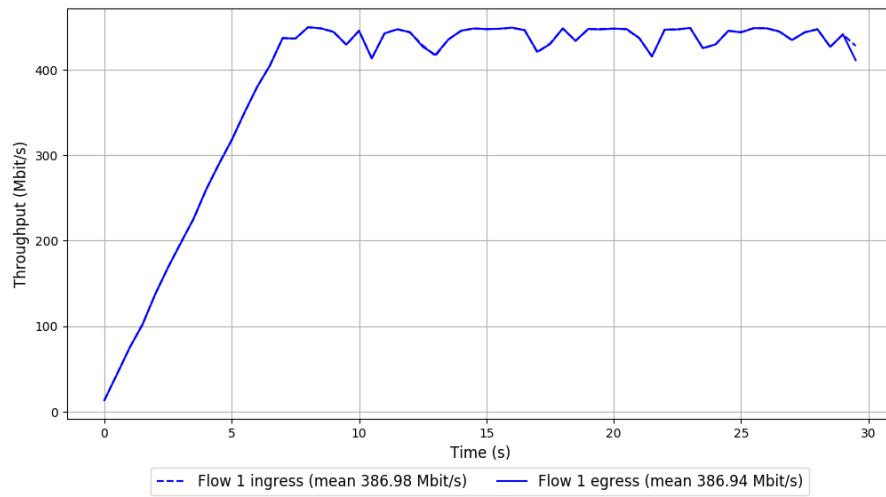


```
Run 2: Statistics of LEDBAT
```

```
Start at: 2018-04-24 05:35:51
End at: 2018-04-24 05:36:21
Local clock offset: -2.132 ms
Remote clock offset: -5.144 ms

# Below is generated by plot.py at 2018-04-24 14:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 386.94 Mbit/s
95th percentile per-packet one-way delay: 1.264 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 386.94 Mbit/s
95th percentile per-packet one-way delay: 1.264 ms
Loss rate: 0.08%
```

Run 2: Report of LEDBAT — Data Link

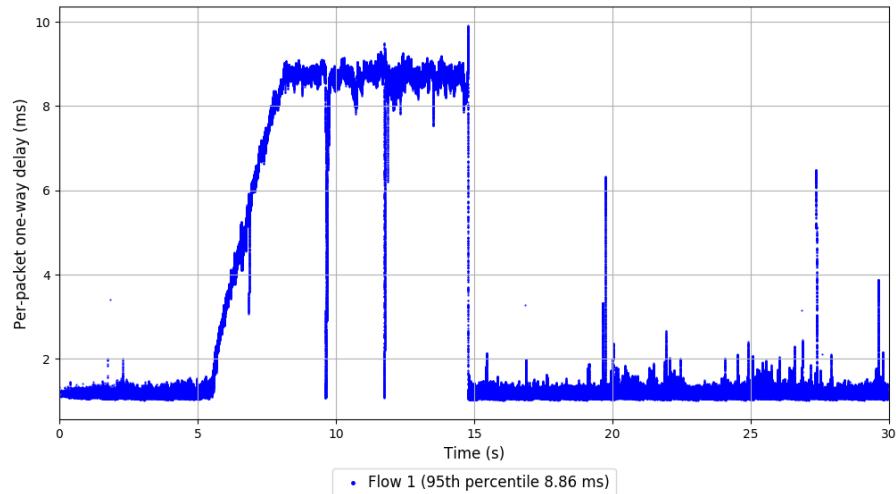
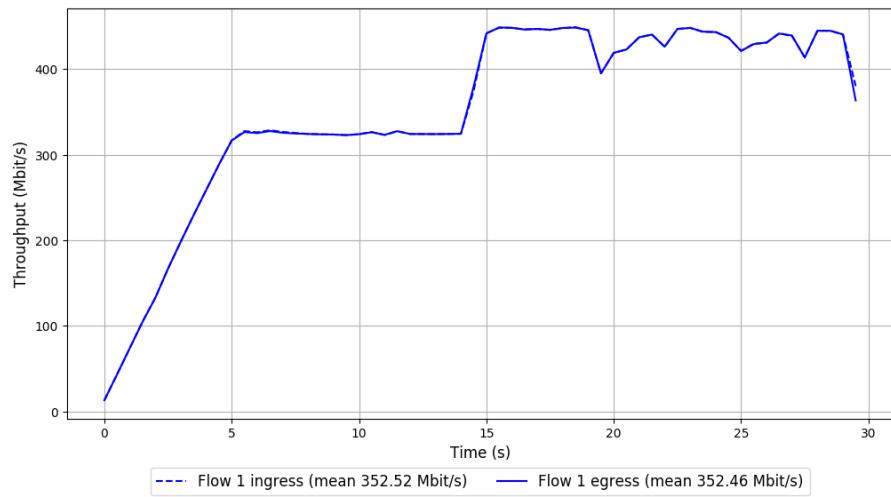


```
Run 3: Statistics of LEDBAT
```

```
Start at: 2018-04-24 06:01:13
End at: 2018-04-24 06:01:43
Local clock offset: -2.612 ms
Remote clock offset: -5.544 ms

# Below is generated by plot.py at 2018-04-24 14:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 352.46 Mbit/s
95th percentile per-packet one-way delay: 8.856 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 352.46 Mbit/s
95th percentile per-packet one-way delay: 8.856 ms
Loss rate: 0.08%
```

Run 3: Report of LEDBAT — Data Link

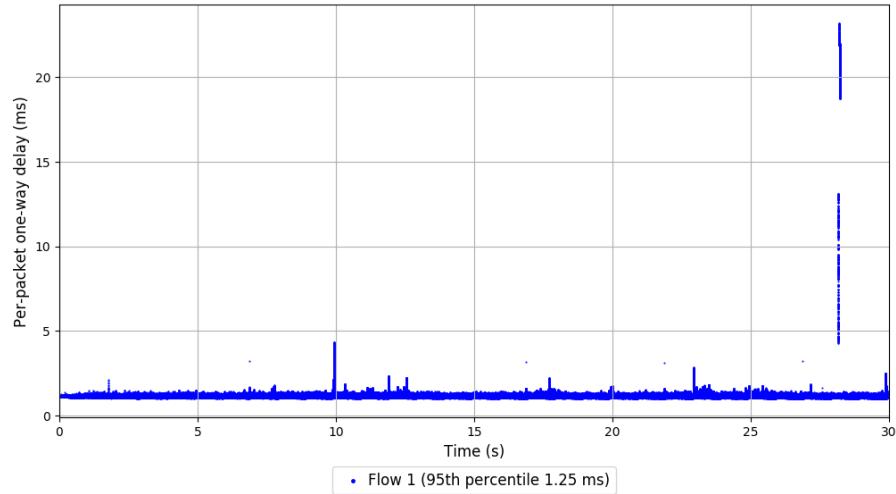
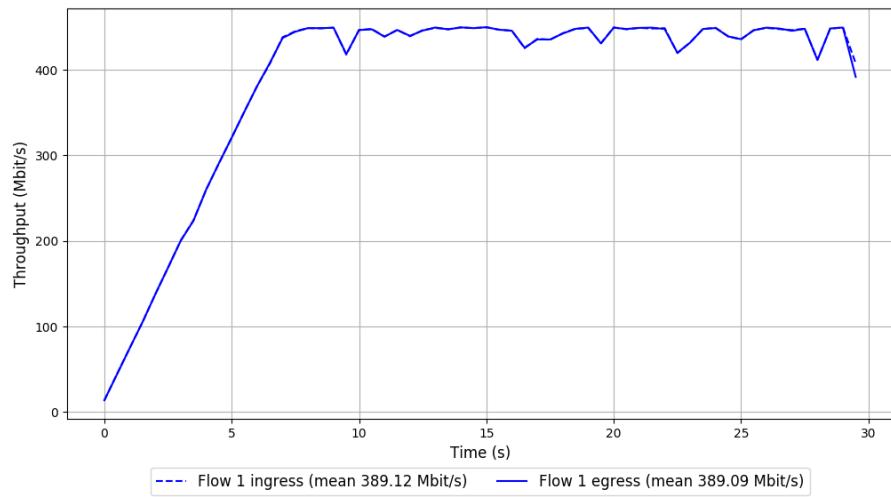


```
Run 4: Statistics of LEDBAT
```

```
Start at: 2018-04-24 06:26:32
End at: 2018-04-24 06:27:02
Local clock offset: -1.201 ms
Remote clock offset: -6.929 ms

# Below is generated by plot.py at 2018-04-24 14:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 389.09 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 389.09 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.07%
```

Run 4: Report of LEDBAT — Data Link

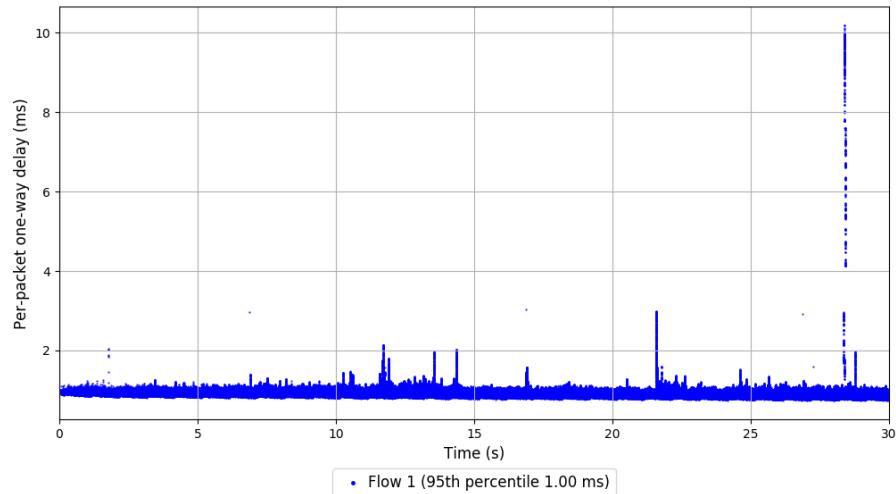
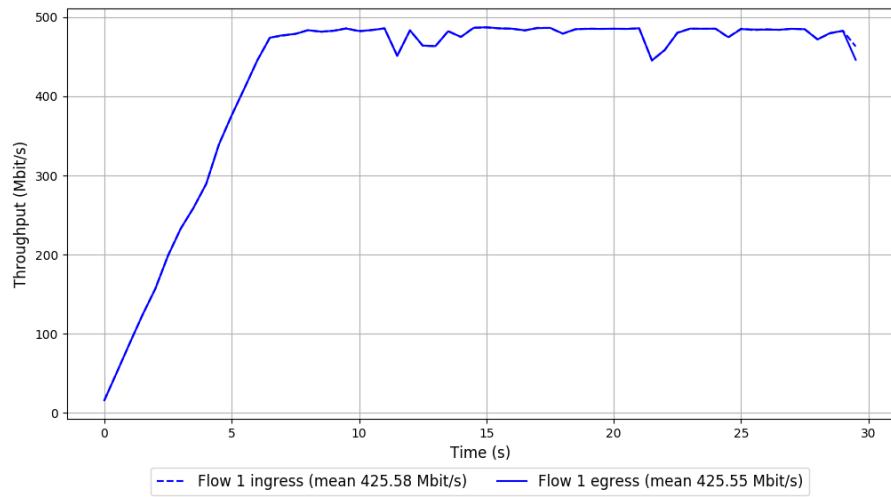


Run 5: Statistics of LEDBAT

```
Start at: 2018-04-24 06:51:50
End at: 2018-04-24 06:52:20
Local clock offset: -0.281 ms
Remote clock offset: -7.342 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 425.55 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 425.55 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.07%
```

Run 5: Report of LEDBAT — Data Link

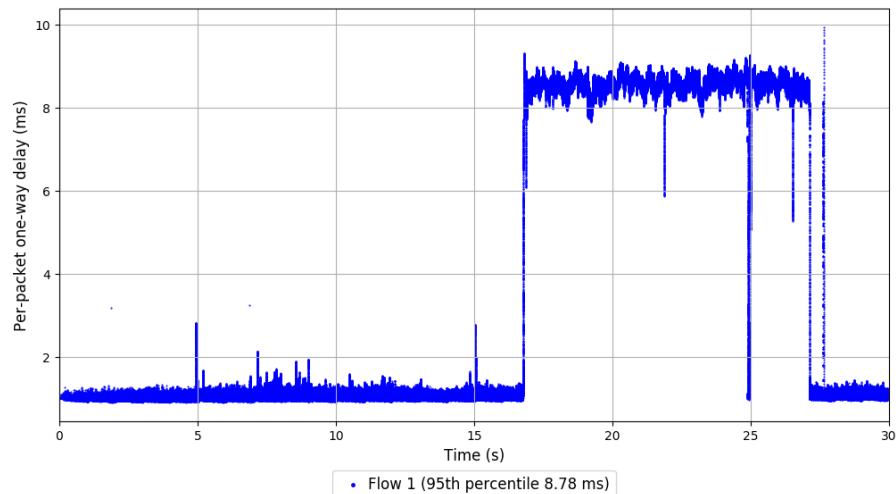
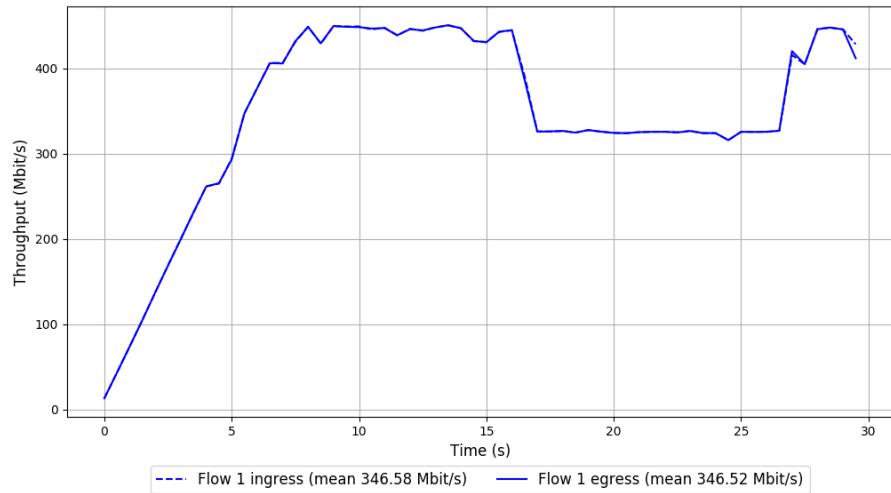


Run 6: Statistics of LEDBAT

```
Start at: 2018-04-24 07:17:16
End at: 2018-04-24 07:17:46
Local clock offset: 0.787 ms
Remote clock offset: -5.719 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 346.52 Mbit/s
95th percentile per-packet one-way delay: 8.784 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 346.52 Mbit/s
95th percentile per-packet one-way delay: 8.784 ms
Loss rate: 0.09%
```

Run 6: Report of LEDBAT — Data Link

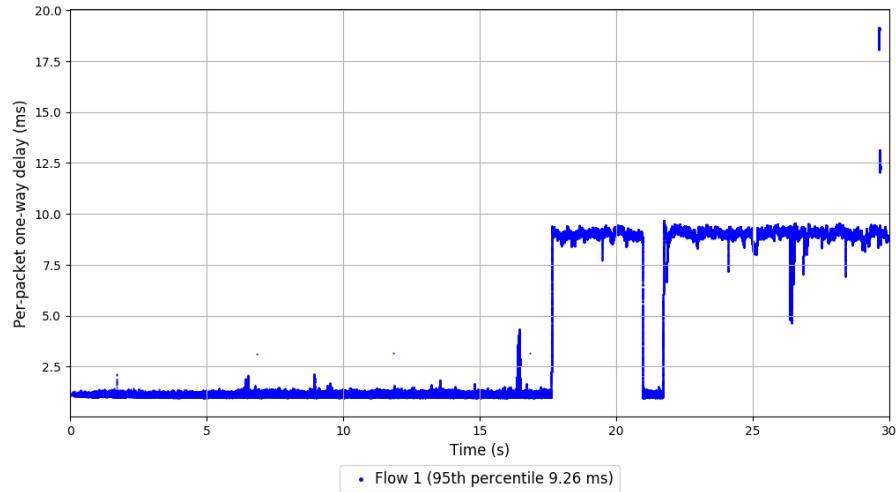
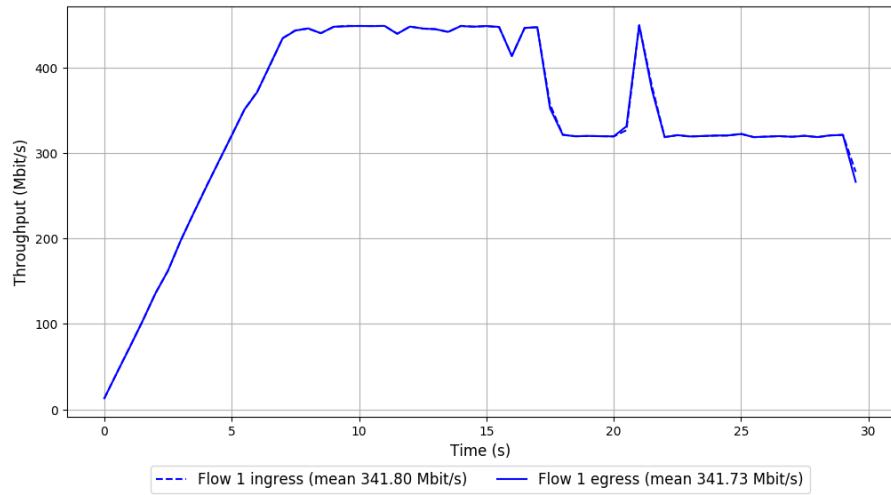


Run 7: Statistics of LEDBAT

```
Start at: 2018-04-24 07:42:34
End at: 2018-04-24 07:43:04
Local clock offset: -1.16 ms
Remote clock offset: -5.065 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 341.73 Mbit/s
95th percentile per-packet one-way delay: 9.259 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 341.73 Mbit/s
95th percentile per-packet one-way delay: 9.259 ms
Loss rate: 0.09%
```

Run 7: Report of LEDBAT — Data Link

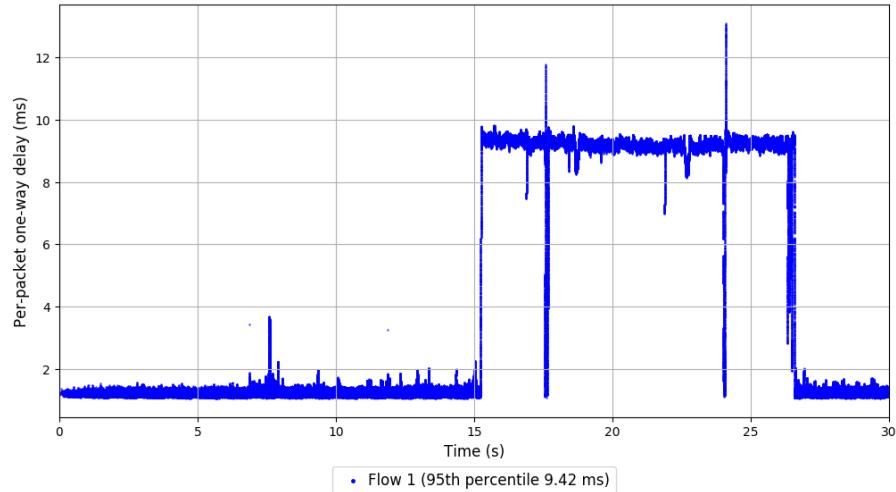
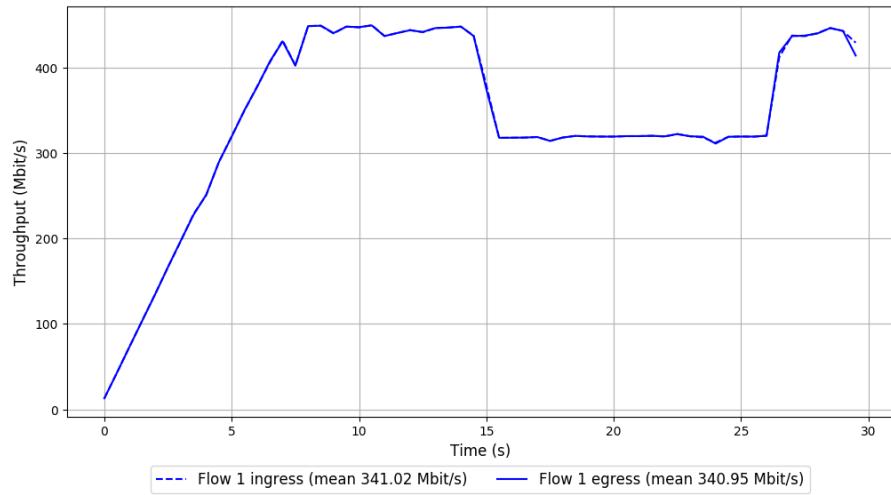


Run 8: Statistics of LEDBAT

```
Start at: 2018-04-24 08:07:53
End at: 2018-04-24 08:08:23
Local clock offset: -1.044 ms
Remote clock offset: -6.293 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 340.95 Mbit/s
95th percentile per-packet one-way delay: 9.424 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 340.95 Mbit/s
95th percentile per-packet one-way delay: 9.424 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

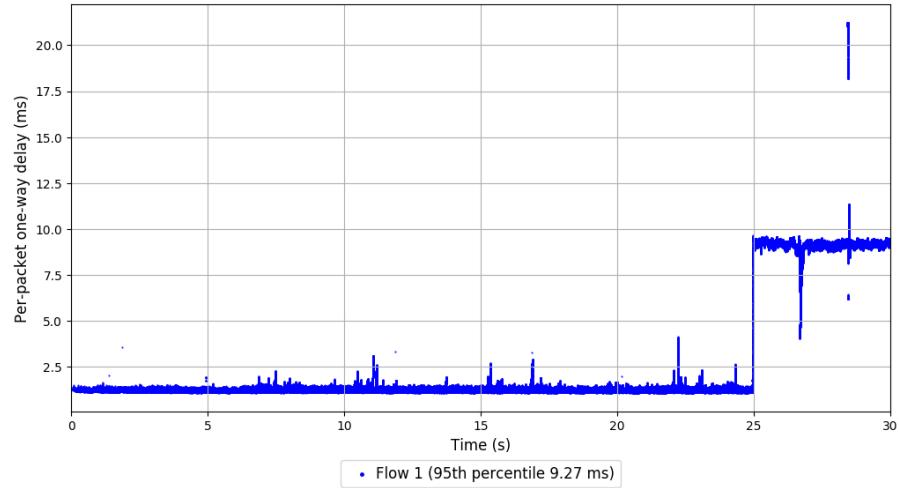
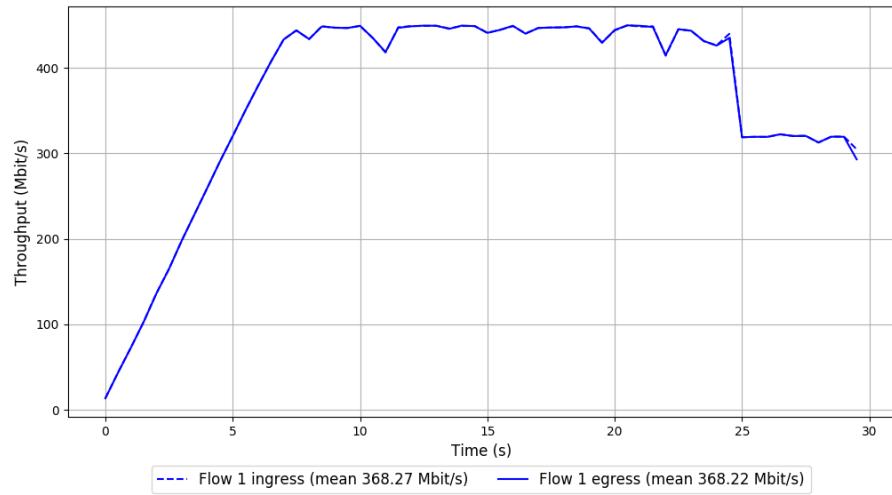


Run 9: Statistics of LEDBAT

```
Start at: 2018-04-24 08:33:09
End at: 2018-04-24 08:33:39
Local clock offset: -0.861 ms
Remote clock offset: -6.309 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 368.22 Mbit/s
95th percentile per-packet one-way delay: 9.271 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 368.22 Mbit/s
95th percentile per-packet one-way delay: 9.271 ms
Loss rate: 0.08%
```

Run 9: Report of LEDBAT — Data Link

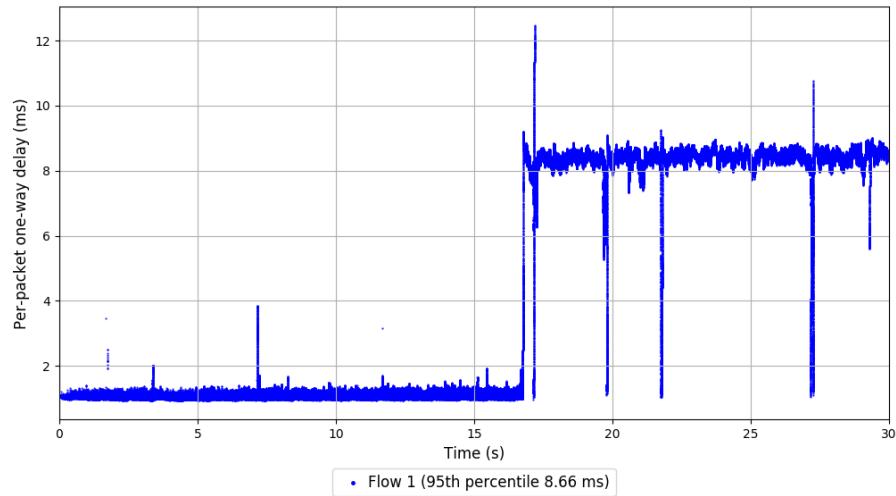
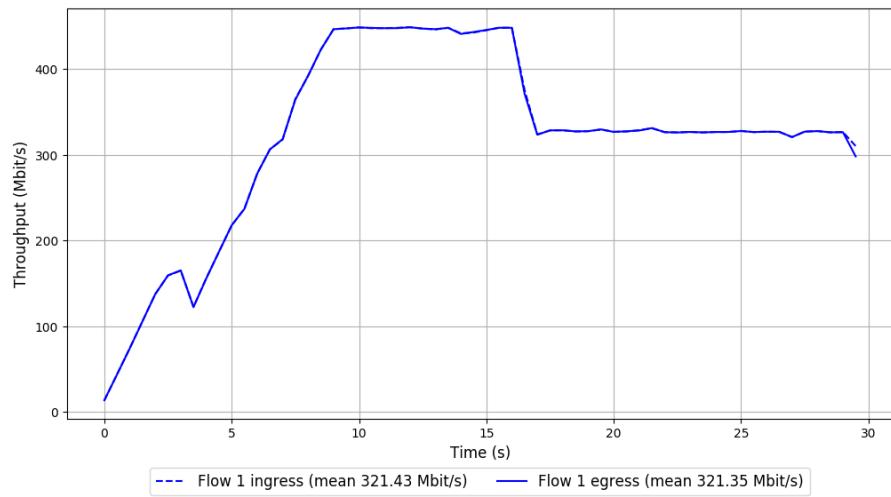


Run 10: Statistics of LEDBAT

```
Start at: 2018-04-24 08:58:22
End at: 2018-04-24 08:58:52
Local clock offset: -0.728 ms
Remote clock offset: -5.546 ms

# Below is generated by plot.py at 2018-04-24 14:12:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 321.35 Mbit/s
95th percentile per-packet one-way delay: 8.656 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 321.35 Mbit/s
95th percentile per-packet one-way delay: 8.656 ms
Loss rate: 0.09%
```

Run 10: Report of LEDBAT — Data Link

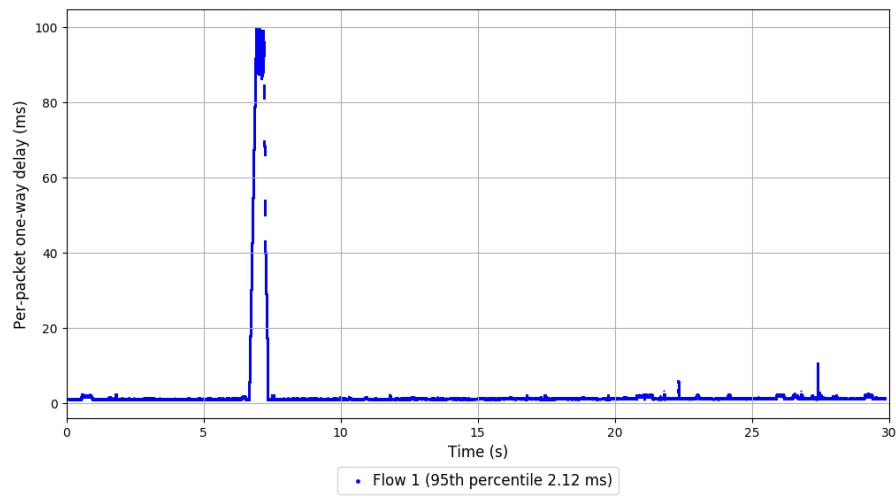
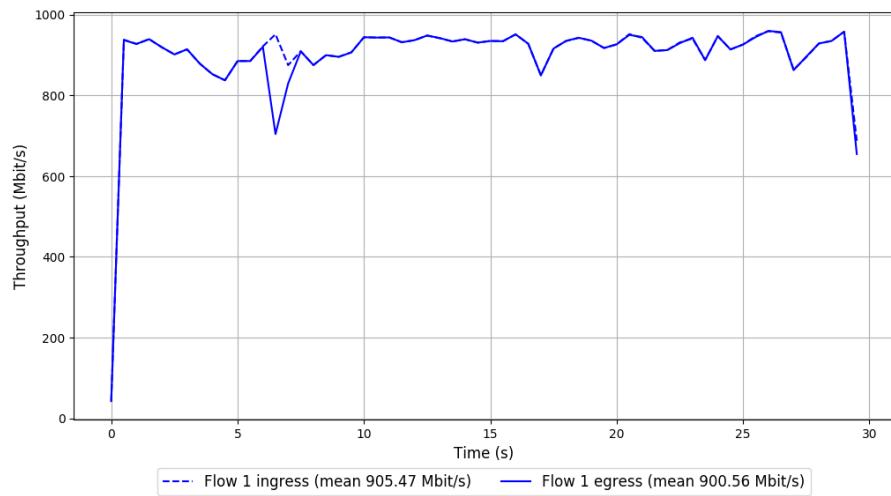


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-04-24 05:16:06
End at: 2018-04-24 05:16:36
Local clock offset: -0.556 ms
Remote clock offset: -5.228 ms

# Below is generated by plot.py at 2018-04-24 14:19:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 900.56 Mbit/s
95th percentile per-packet one-way delay: 2.124 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 900.56 Mbit/s
95th percentile per-packet one-way delay: 2.124 ms
Loss rate: 0.61%
```

Run 1: Report of PCC-Allegro — Data Link

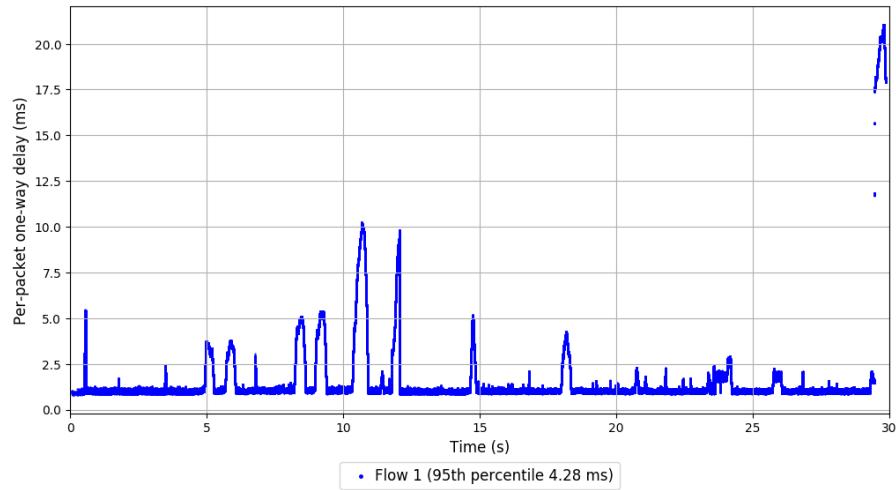
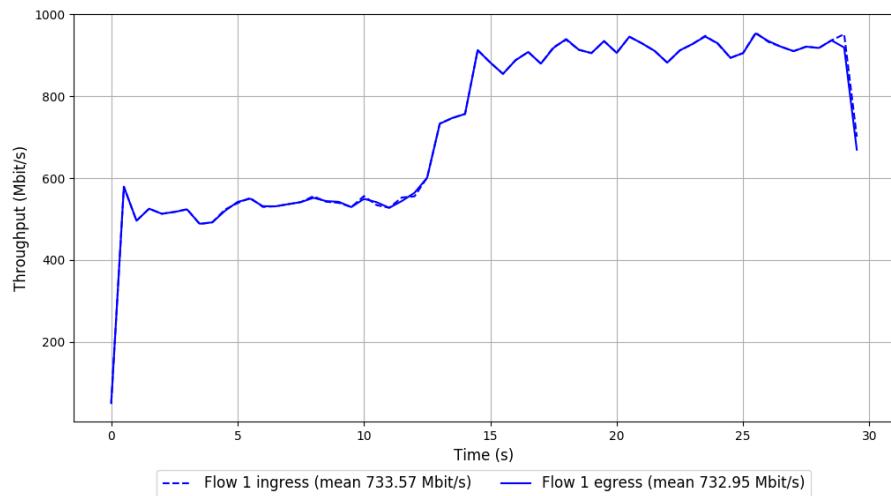


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-04-24 05:41:39
End at: 2018-04-24 05:42:09
Local clock offset: -1.875 ms
Remote clock offset: -5.067 ms

# Below is generated by plot.py at 2018-04-24 14:19:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 732.95 Mbit/s
95th percentile per-packet one-way delay: 4.277 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 732.95 Mbit/s
95th percentile per-packet one-way delay: 4.277 ms
Loss rate: 0.15%
```

Run 2: Report of PCC-Allegro — Data Link

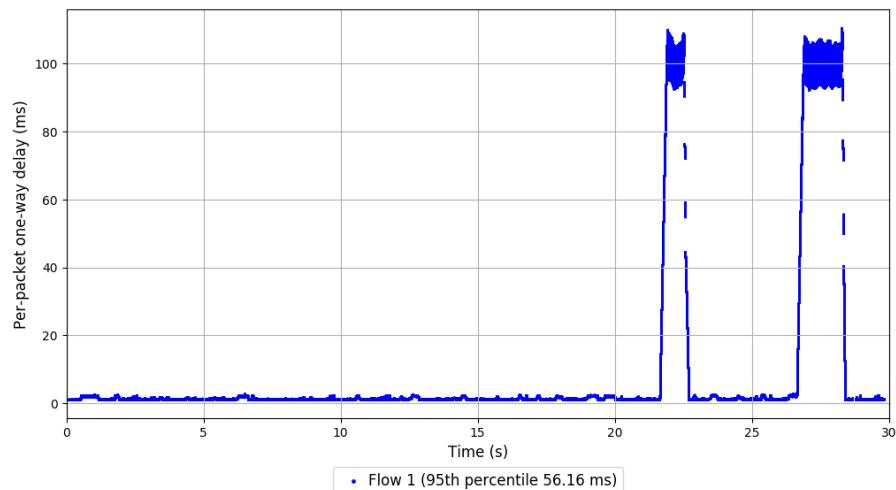
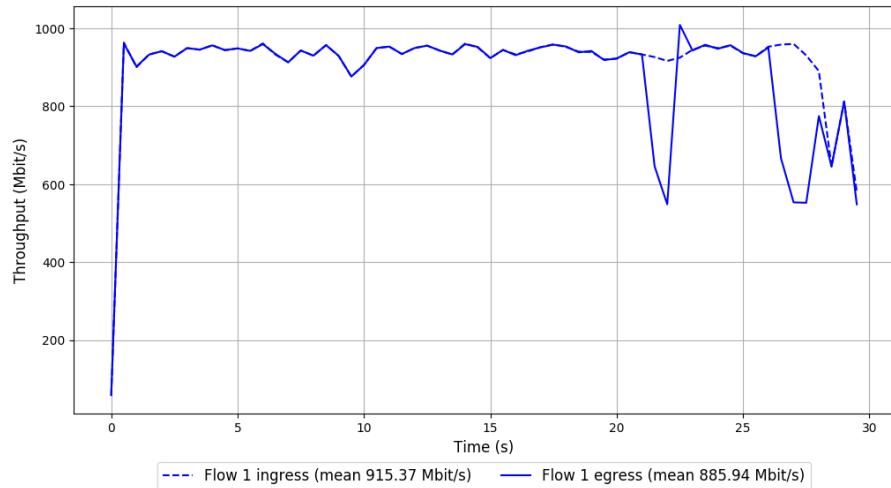


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-04-24 06:06:53
End at: 2018-04-24 06:07:23
Local clock offset: -3.252 ms
Remote clock offset: -6.136 ms

# Below is generated by plot.py at 2018-04-24 14:24:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 885.94 Mbit/s
95th percentile per-packet one-way delay: 56.163 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 885.94 Mbit/s
95th percentile per-packet one-way delay: 56.163 ms
Loss rate: 3.28%
```

Run 3: Report of PCC-Allegro — Data Link

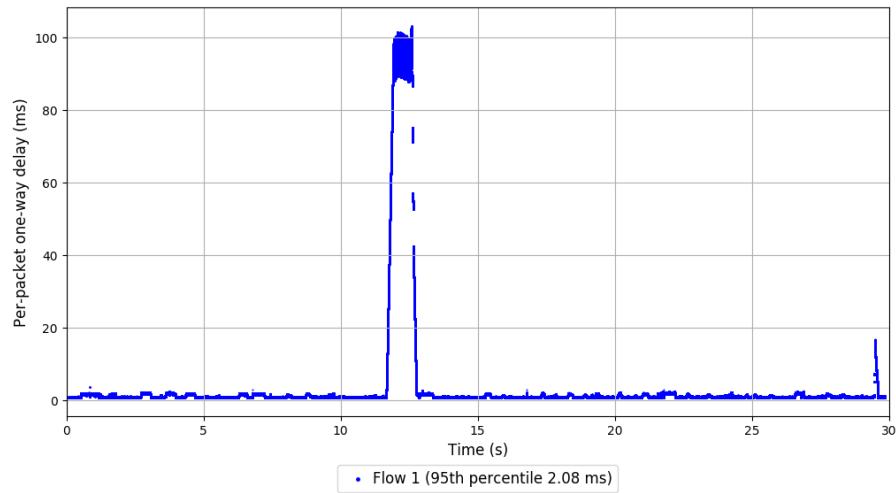
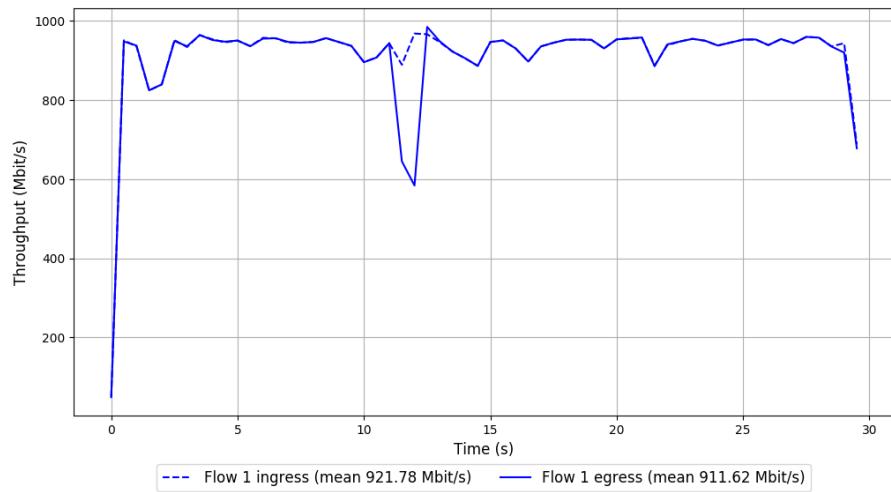


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-04-24 06:32:10
End at: 2018-04-24 06:32:40
Local clock offset: -1.29 ms
Remote clock offset: -6.954 ms

# Below is generated by plot.py at 2018-04-24 14:24:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 911.62 Mbit/s
95th percentile per-packet one-way delay: 2.075 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 911.62 Mbit/s
95th percentile per-packet one-way delay: 2.075 ms
Loss rate: 1.17%
```

Run 4: Report of PCC-Allegro — Data Link

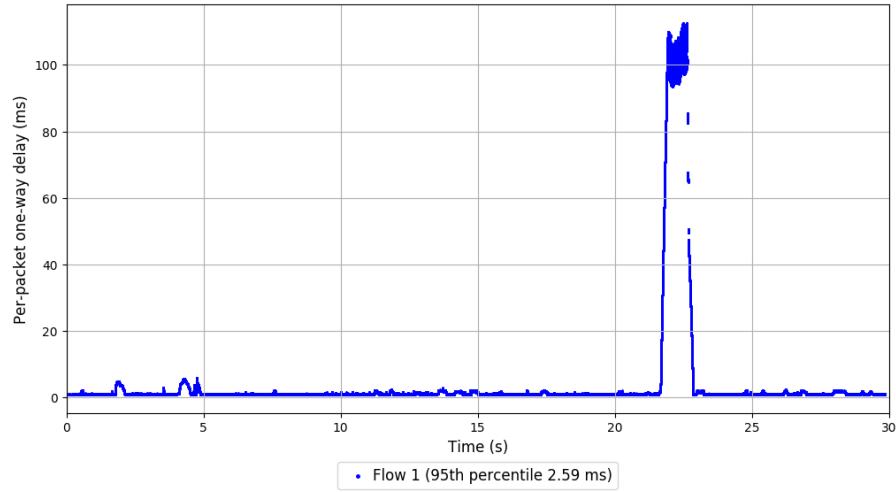
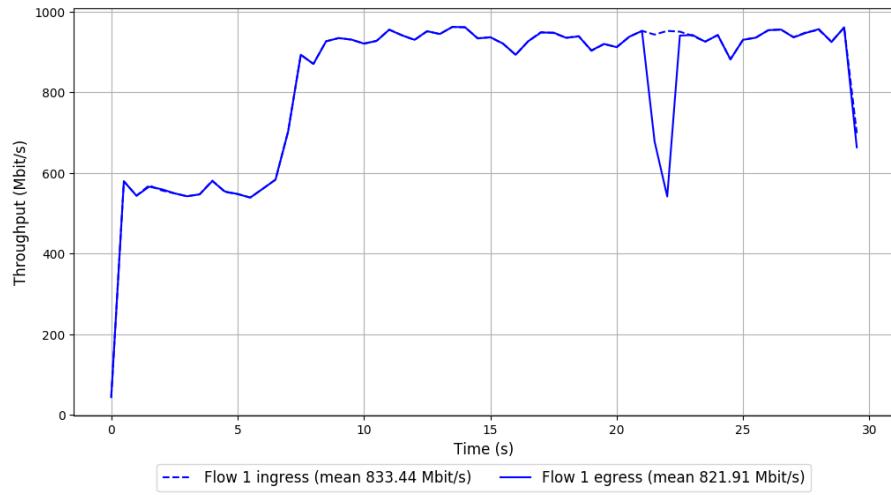


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-04-24 06:57:37
End at: 2018-04-24 06:58:07
Local clock offset: 0.426 ms
Remote clock offset: -7.456 ms

# Below is generated by plot.py at 2018-04-24 14:24:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 821.91 Mbit/s
95th percentile per-packet one-way delay: 2.587 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 821.91 Mbit/s
95th percentile per-packet one-way delay: 2.587 ms
Loss rate: 1.45%
```

Run 5: Report of PCC-Allegro — Data Link

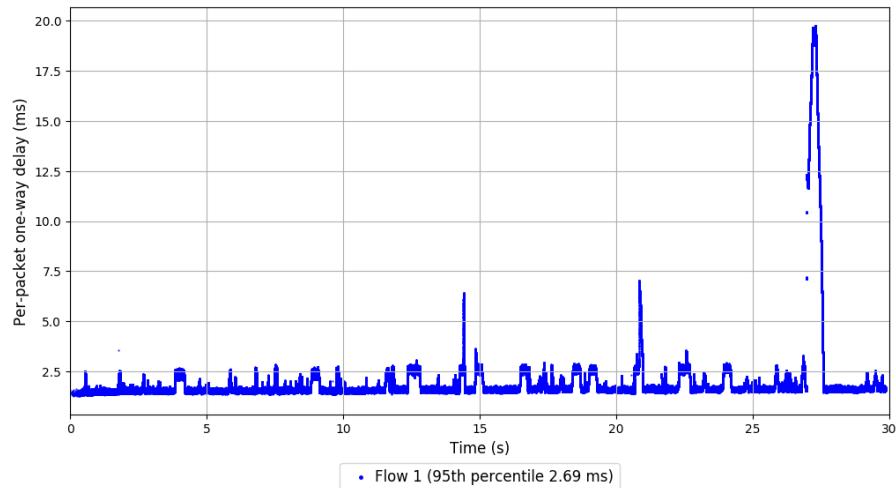
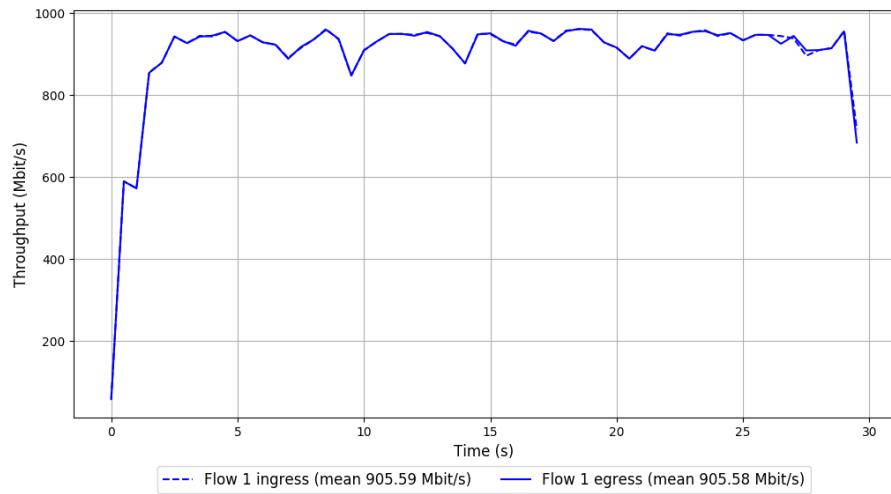


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-04-24 07:23:00
End at: 2018-04-24 07:23:30
Local clock offset: 0.628 ms
Remote clock offset: -5.342 ms

# Below is generated by plot.py at 2018-04-24 14:25:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 905.58 Mbit/s
95th percentile per-packet one-way delay: 2.688 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 905.58 Mbit/s
95th percentile per-packet one-way delay: 2.688 ms
Loss rate: 0.07%
```

Run 6: Report of PCC-Allegro — Data Link

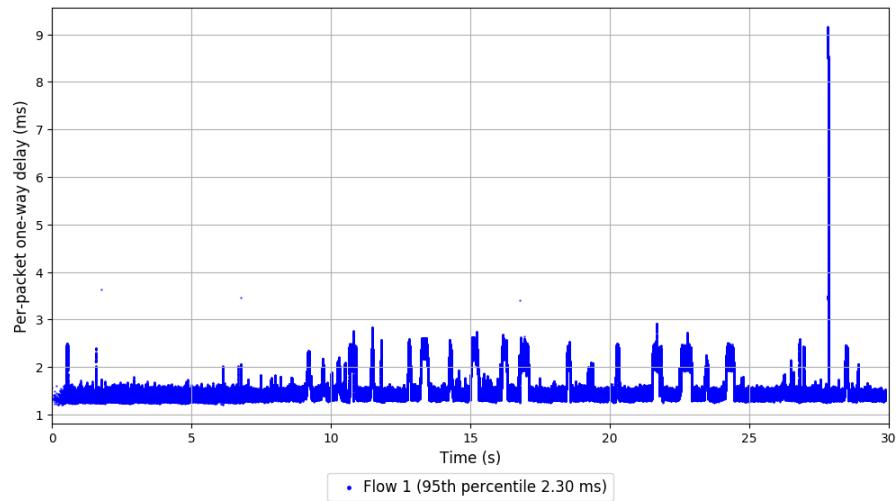
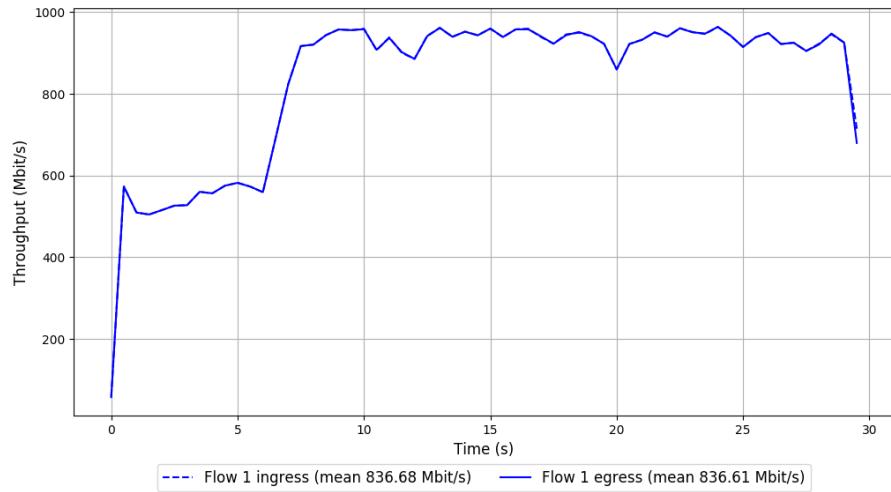


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-04-24 07:48:20
End at: 2018-04-24 07:48:50
Local clock offset: -1.337 ms
Remote clock offset: -5.709 ms

# Below is generated by plot.py at 2018-04-24 14:25:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 836.61 Mbit/s
95th percentile per-packet one-way delay: 2.298 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 836.61 Mbit/s
95th percentile per-packet one-way delay: 2.298 ms
Loss rate: 0.07%
```

Run 7: Report of PCC-Allegro — Data Link

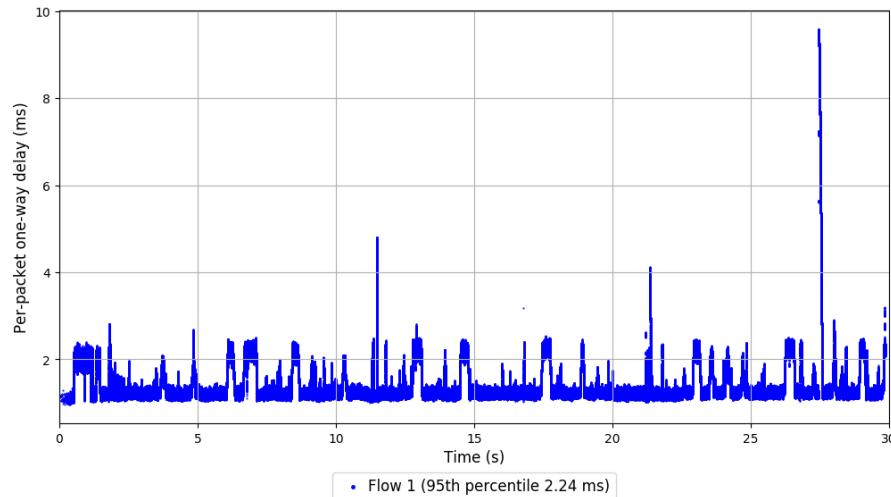
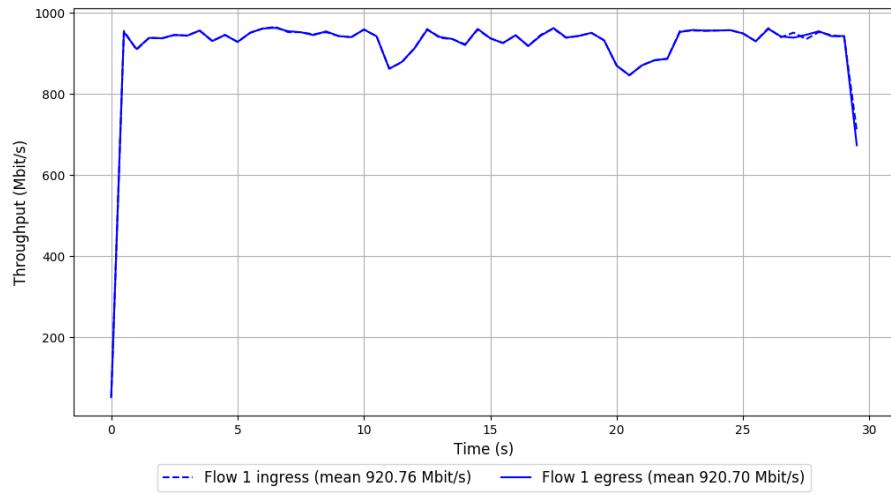


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-04-24 08:13:39
End at: 2018-04-24 08:14:09
Local clock offset: -1.053 ms
Remote clock offset: -6.221 ms

# Below is generated by plot.py at 2018-04-24 14:26:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 920.70 Mbit/s
95th percentile per-packet one-way delay: 2.241 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 920.70 Mbit/s
95th percentile per-packet one-way delay: 2.241 ms
Loss rate: 0.07%
```

Run 8: Report of PCC-Allegro — Data Link

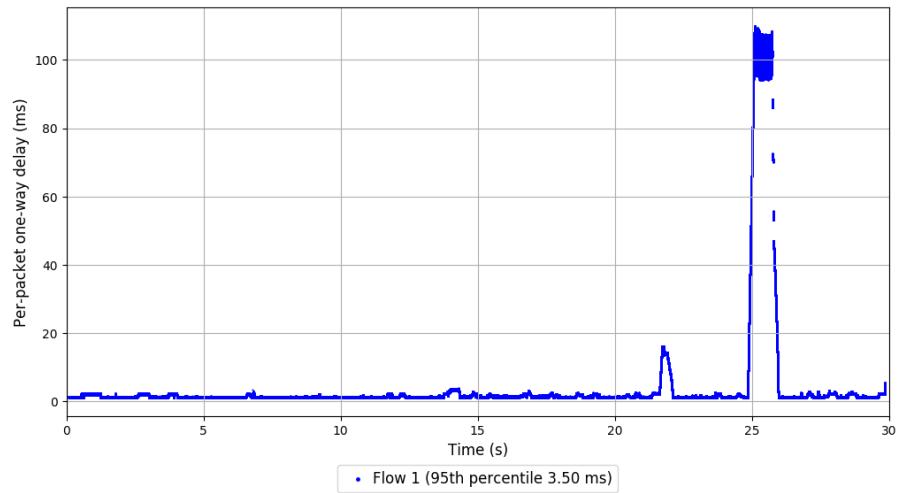
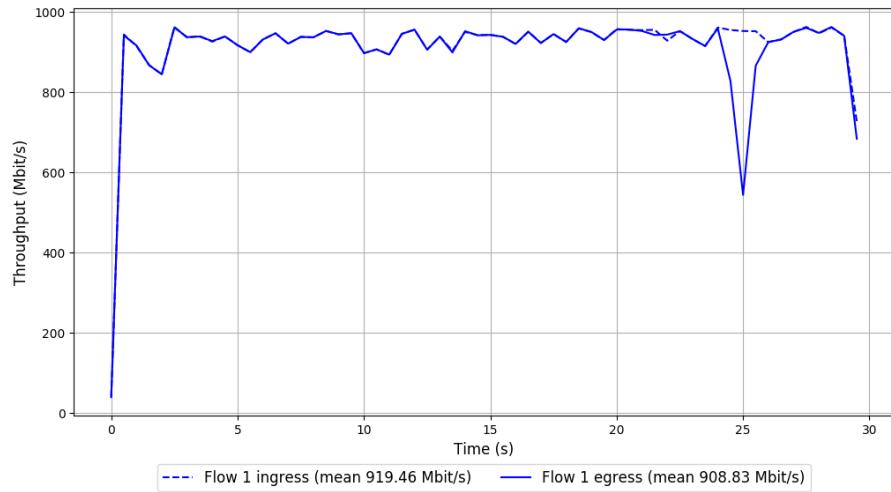


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-04-24 08:38:56
End at: 2018-04-24 08:39:26
Local clock offset: -0.652 ms
Remote clock offset: -6.302 ms

# Below is generated by plot.py at 2018-04-24 14:34:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 908.83 Mbit/s
95th percentile per-packet one-way delay: 3.495 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 908.83 Mbit/s
95th percentile per-packet one-way delay: 3.495 ms
Loss rate: 1.22%
```

Run 9: Report of PCC-Allegro — Data Link

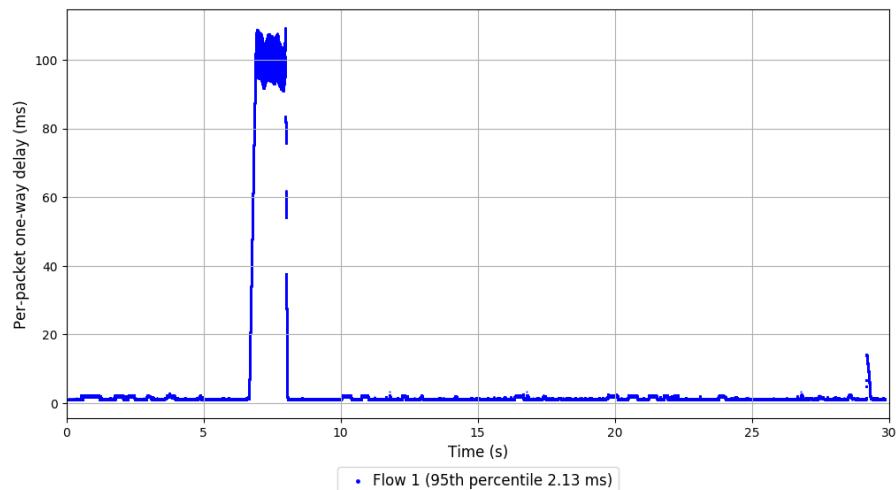
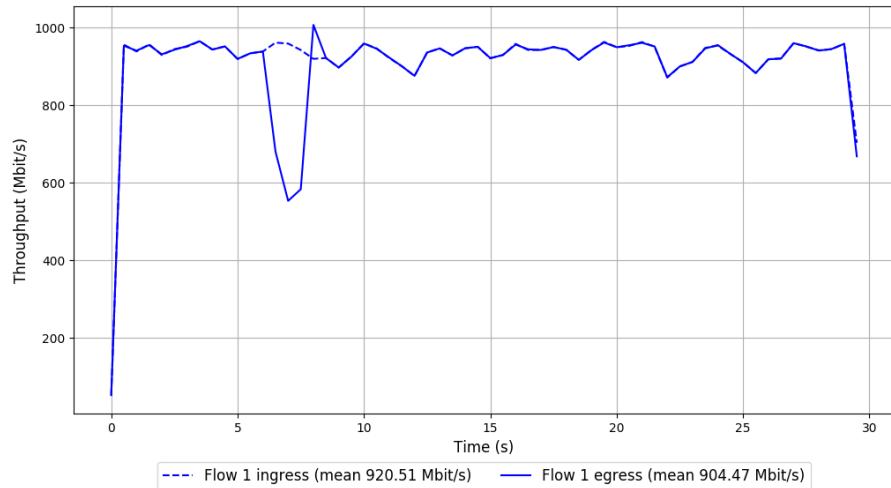


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-04-24 09:04:07
End at: 2018-04-24 09:04:37
Local clock offset: -0.682 ms
Remote clock offset: -5.439 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 904.47 Mbit/s
95th percentile per-packet one-way delay: 2.130 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 904.47 Mbit/s
95th percentile per-packet one-way delay: 2.130 ms
Loss rate: 1.81%
```

Run 10: Report of PCC-Allegro — Data Link

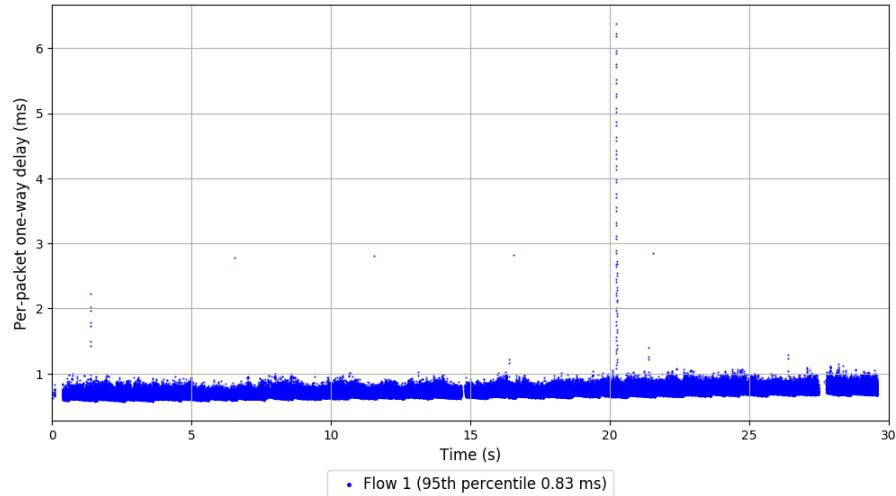
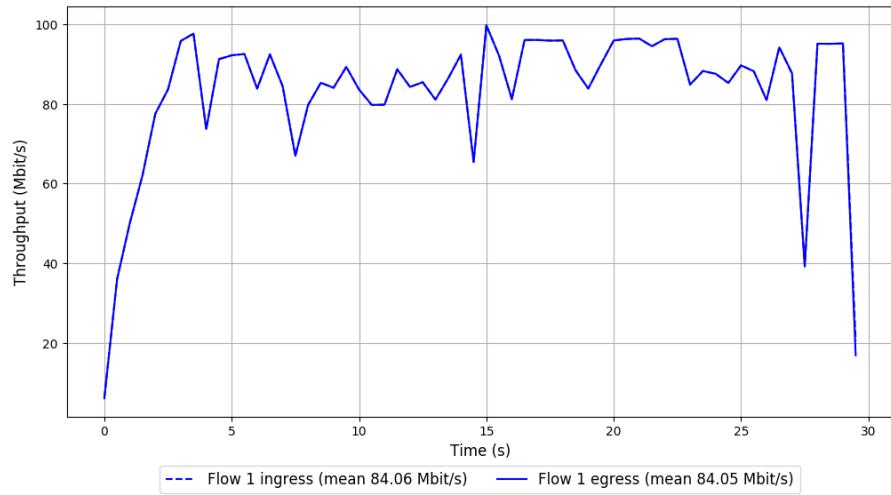


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-04-24 05:08:57
End at: 2018-04-24 05:09:27
Local clock offset: -0.179 ms
Remote clock offset: -5.341 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 0.826 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 0.826 ms
Loss rate: 0.08%
```

Run 1: Report of QUIC Cubic — Data Link

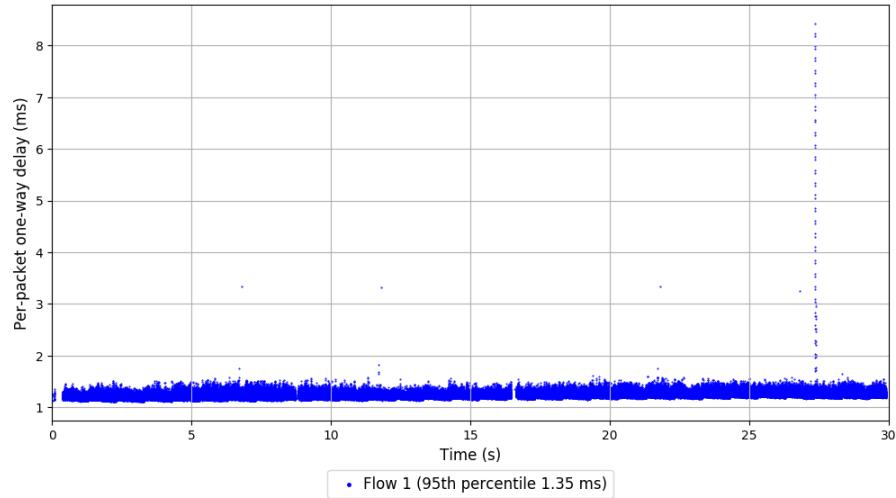
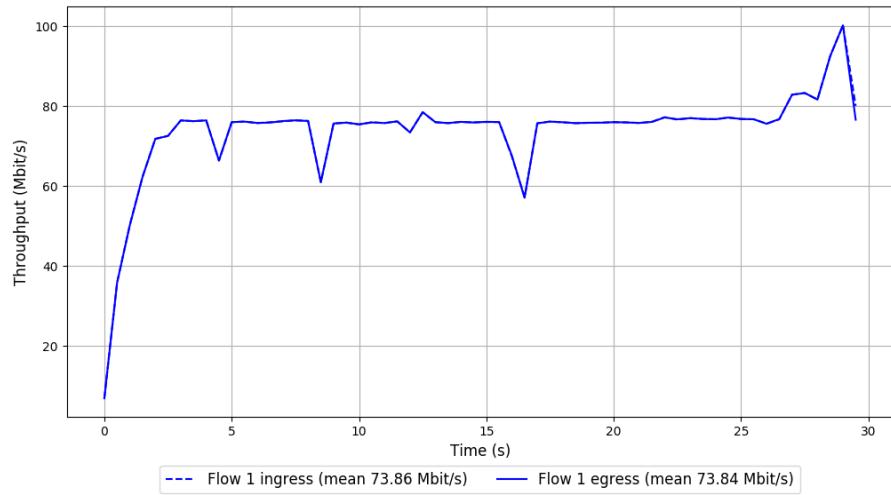


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-04-24 05:34:30
End at: 2018-04-24 05:35:00
Local clock offset: -1.833 ms
Remote clock offset: -5.213 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.84 Mbit/s
95th percentile per-packet one-way delay: 1.350 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 73.84 Mbit/s
95th percentile per-packet one-way delay: 1.350 ms
Loss rate: 0.08%
```

Run 2: Report of QUIC Cubic — Data Link

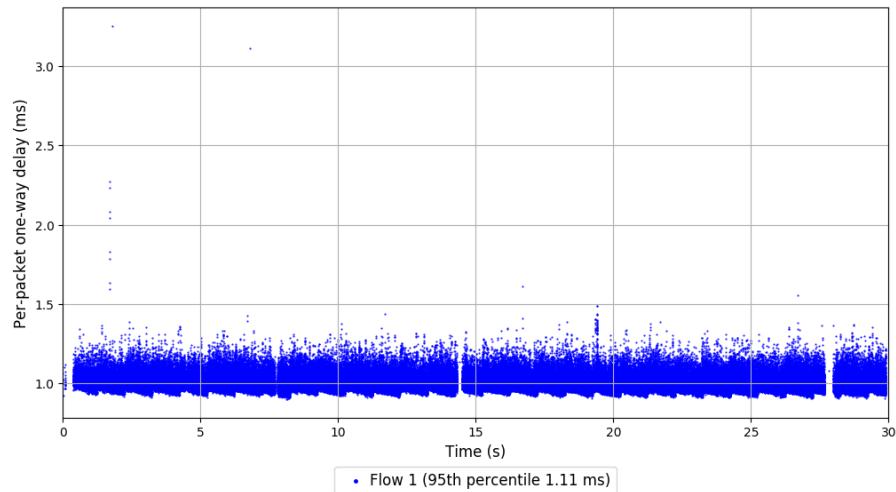
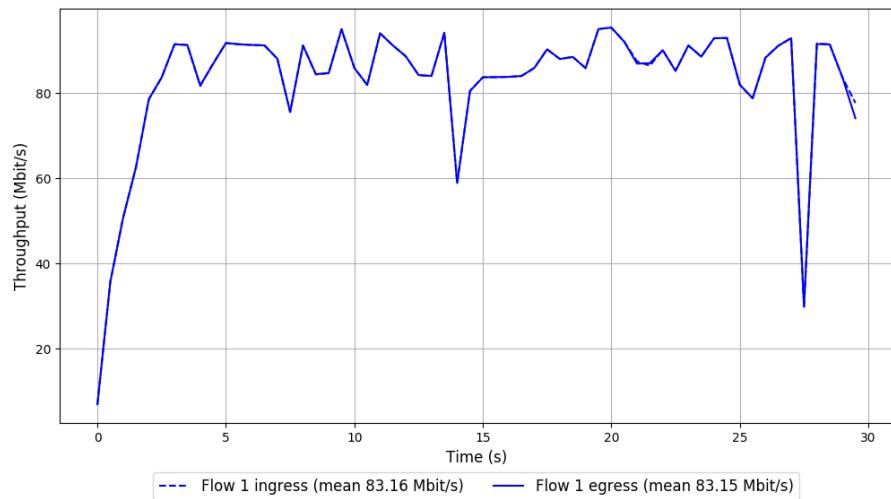


```
Run 3: Statistics of QUIC Cubic
```

```
Start at: 2018-04-24 05:59:52
End at: 2018-04-24 06:00:22
Local clock offset: -2.559 ms
Remote clock offset: -5.33 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.15 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.15 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.08%
```

Run 3: Report of QUIC Cubic — Data Link

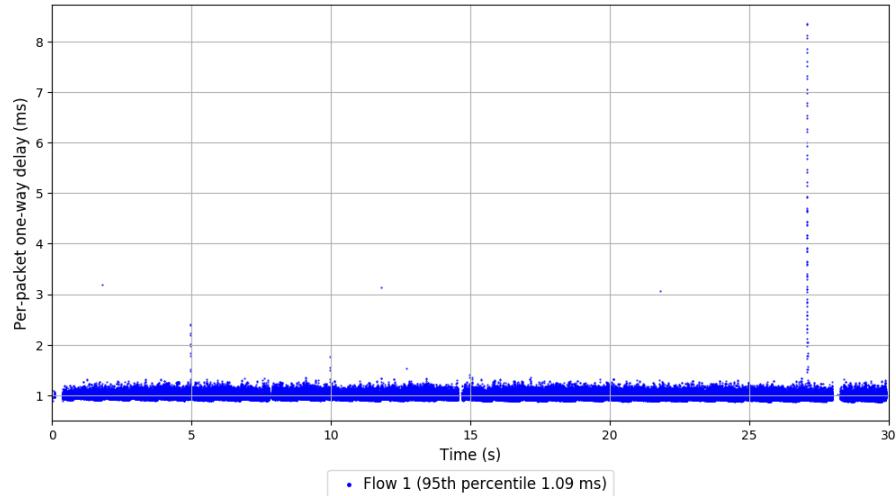
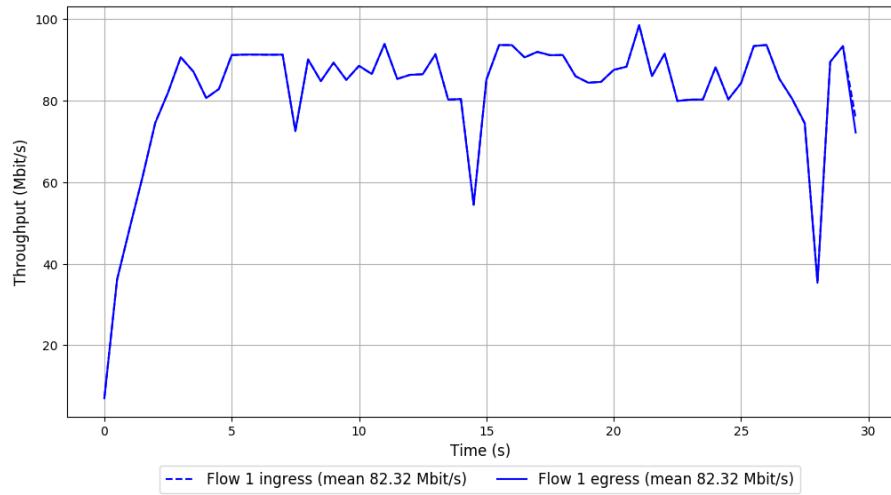


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-04-24 06:25:11
End at: 2018-04-24 06:25:41
Local clock offset: -1.303 ms
Remote clock offset: -6.855 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.08%
```

Run 4: Report of QUIC Cubic — Data Link

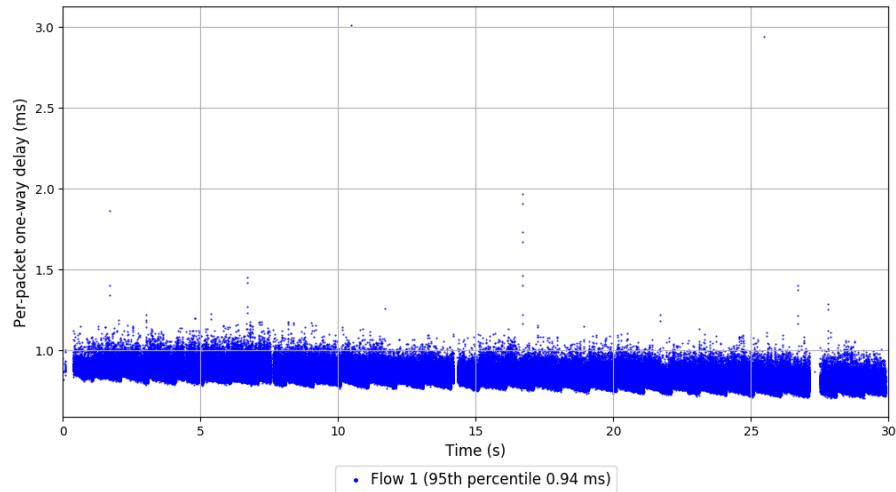
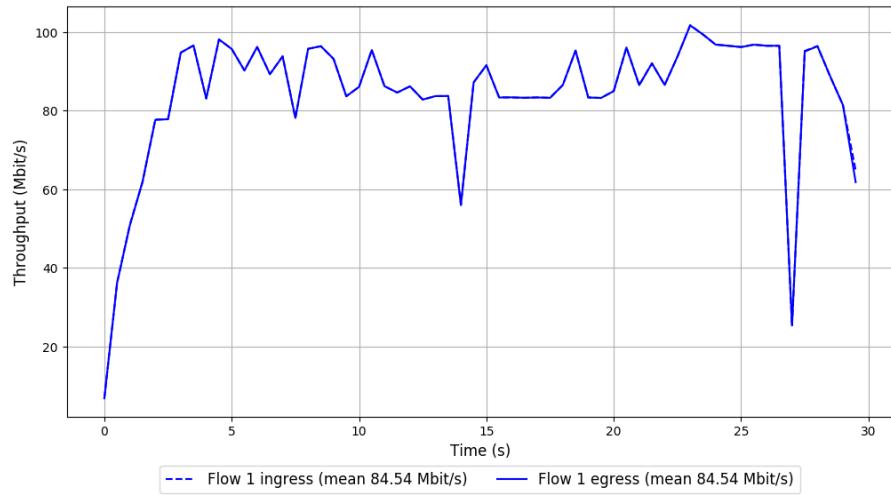


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-04-24 06:50:29
End at: 2018-04-24 06:50:59
Local clock offset: -0.628 ms
Remote clock offset: -7.373 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 0.945 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 0.945 ms
Loss rate: 0.06%
```

Run 5: Report of QUIC Cubic — Data Link

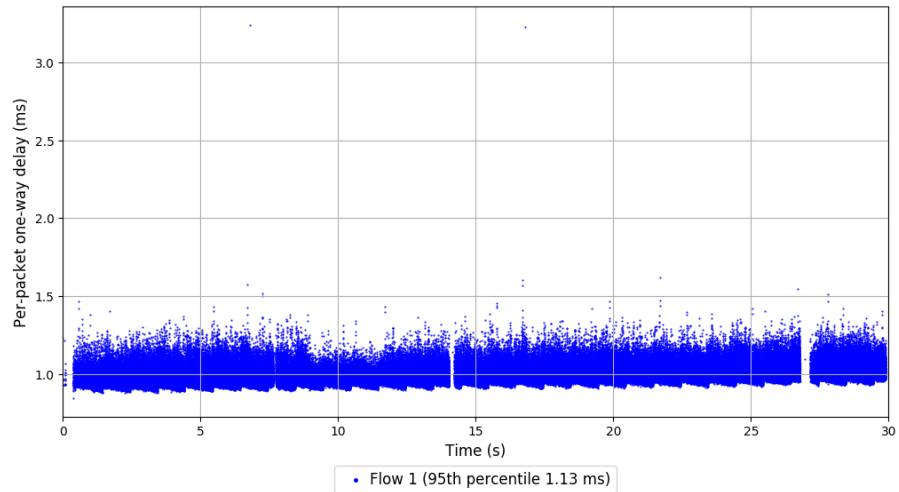
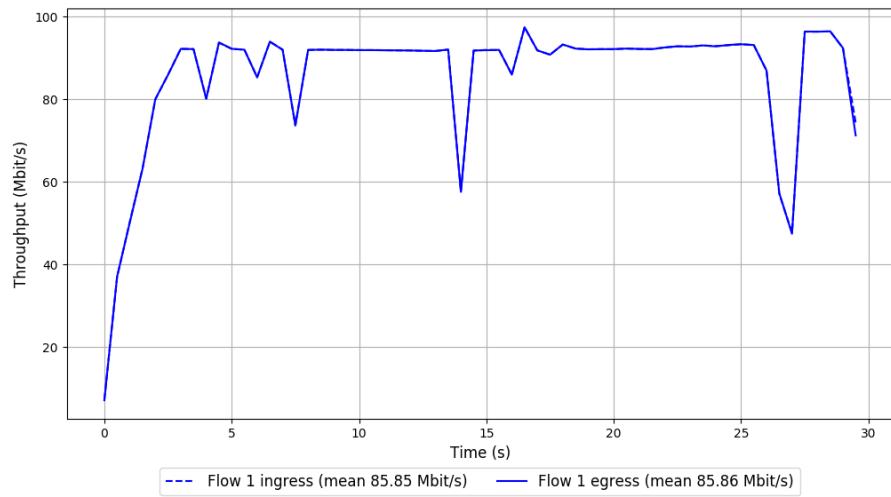


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-04-24 07:15:55
End at: 2018-04-24 07:16:25
Local clock offset: 0.785 ms
Remote clock offset: -5.825 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.86 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 85.86 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.06%
```

Run 6: Report of QUIC Cubic — Data Link

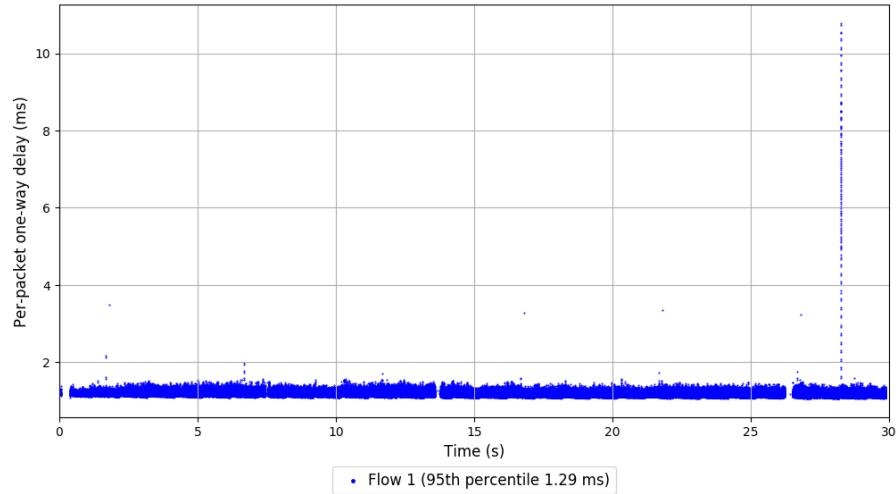
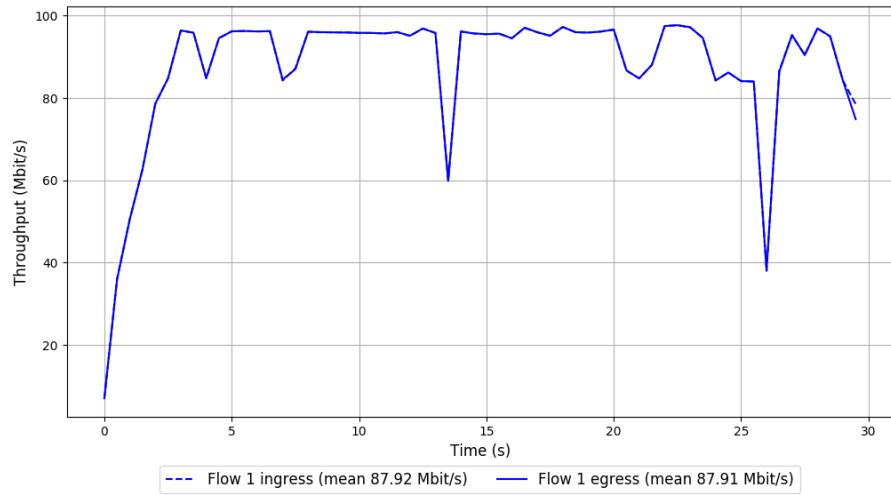


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-04-24 07:41:13
End at: 2018-04-24 07:41:43
Local clock offset: -1.078 ms
Remote clock offset: -4.969 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.07%
```

Run 7: Report of QUIC Cubic — Data Link

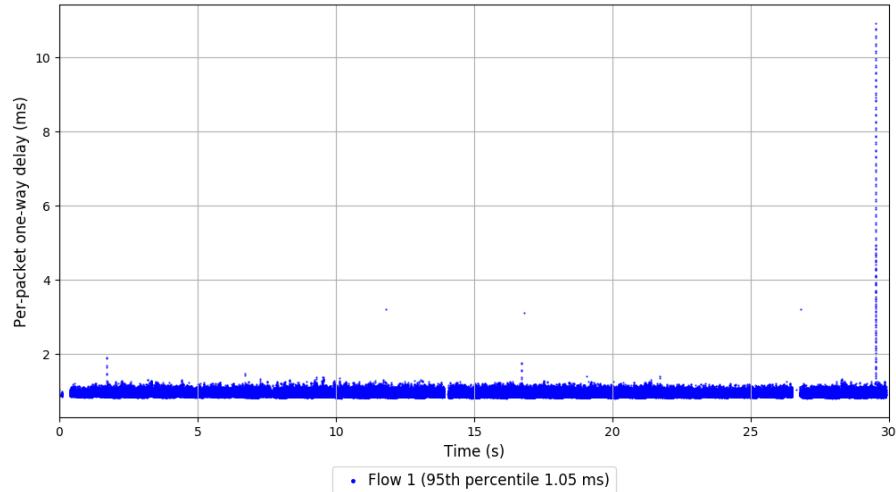
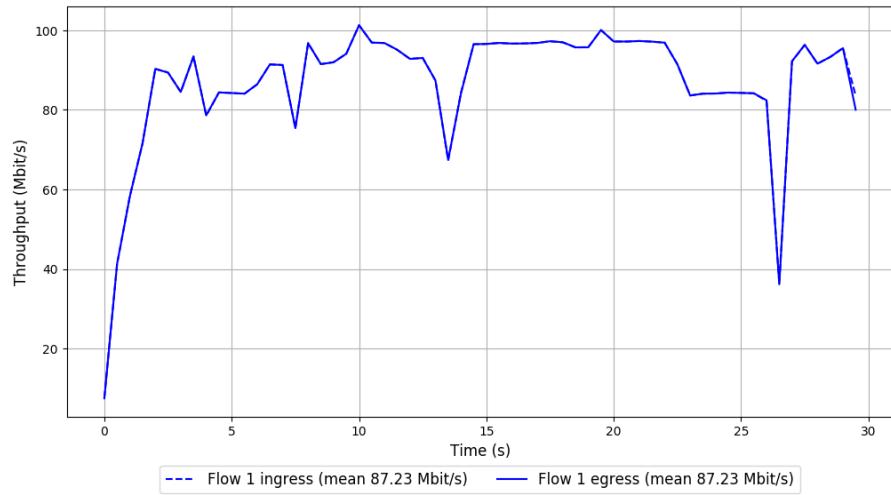


```
Run 8: Statistics of QUIC Cubic
```

```
Start at: 2018-04-24 08:06:31
End at: 2018-04-24 08:07:01
Local clock offset: -1.208 ms
Remote clock offset: -6.235 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.07%
```

Run 8: Report of QUIC Cubic — Data Link

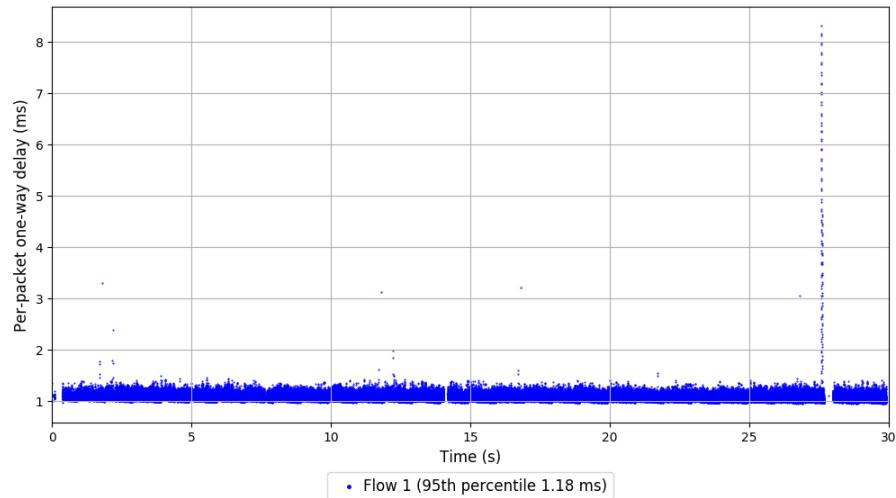
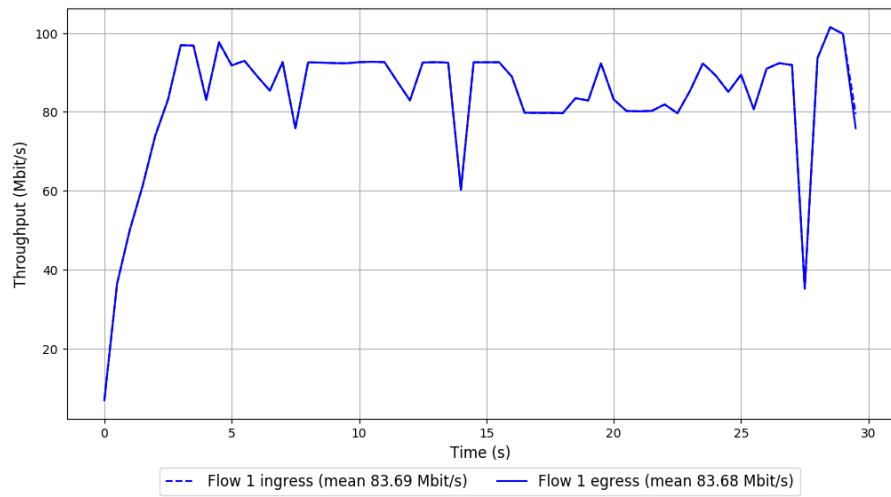


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-04-24 08:31:48
End at: 2018-04-24 08:32:18
Local clock offset: -1.108 ms
Remote clock offset: -6.362 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 1.184 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 1.184 ms
Loss rate: 0.08%
```

Run 9: Report of QUIC Cubic — Data Link

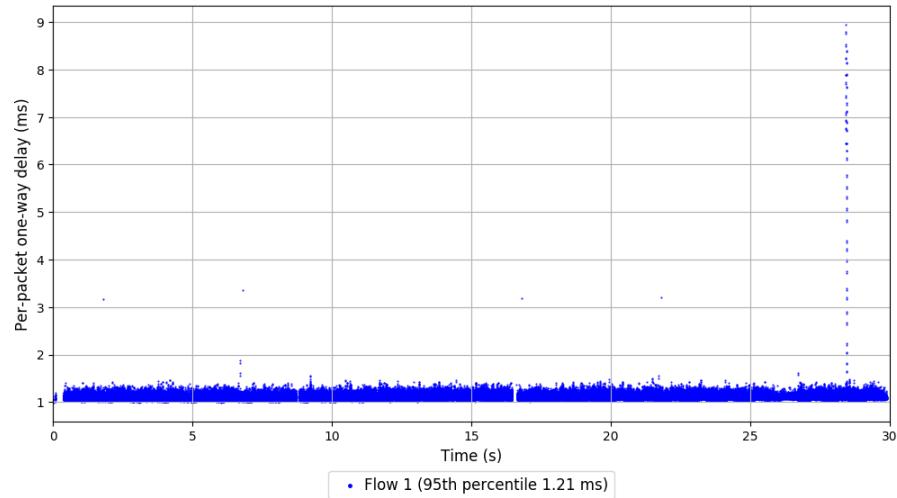
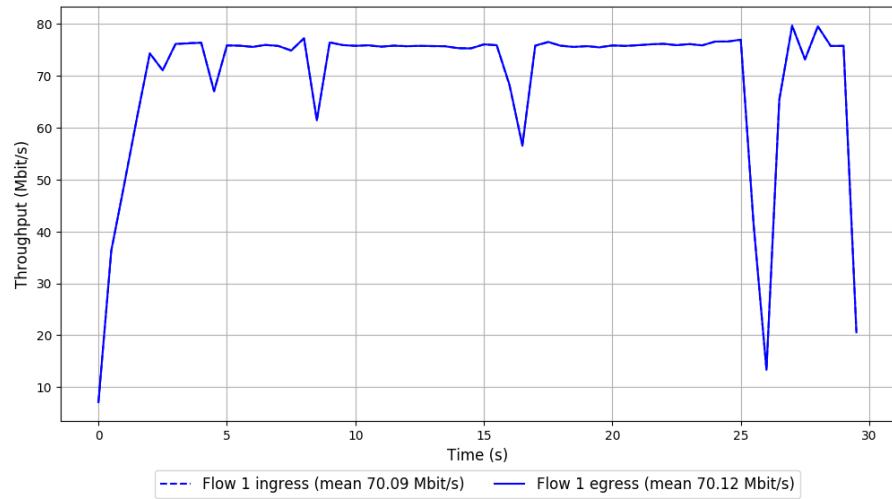


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-04-24 08:57:02
End at: 2018-04-24 08:57:32
Local clock offset: -0.749 ms
Remote clock offset: -5.7 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.01%
```

Run 10: Report of QUIC Cubic — Data Link

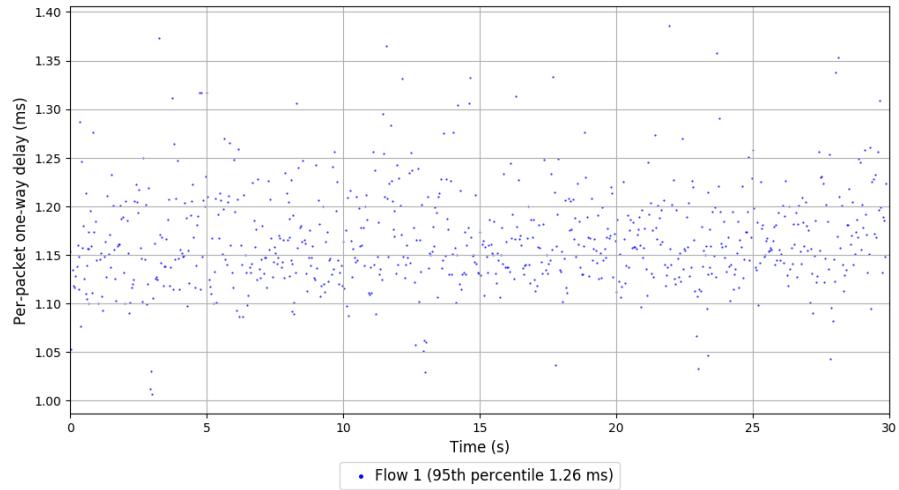
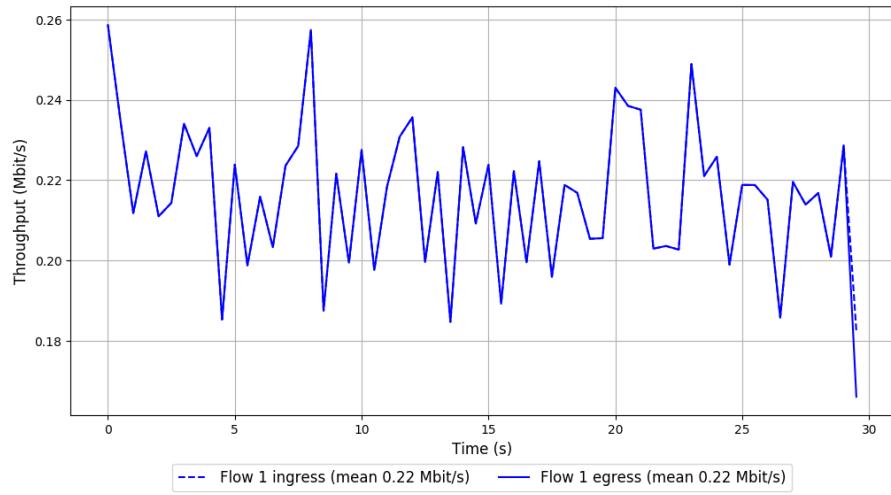


Run 1: Statistics of SCReAM

```
Start at: 2018-04-24 05:13:20
End at: 2018-04-24 05:13:50
Local clock offset: -0.319 ms
Remote clock offset: -5.275 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

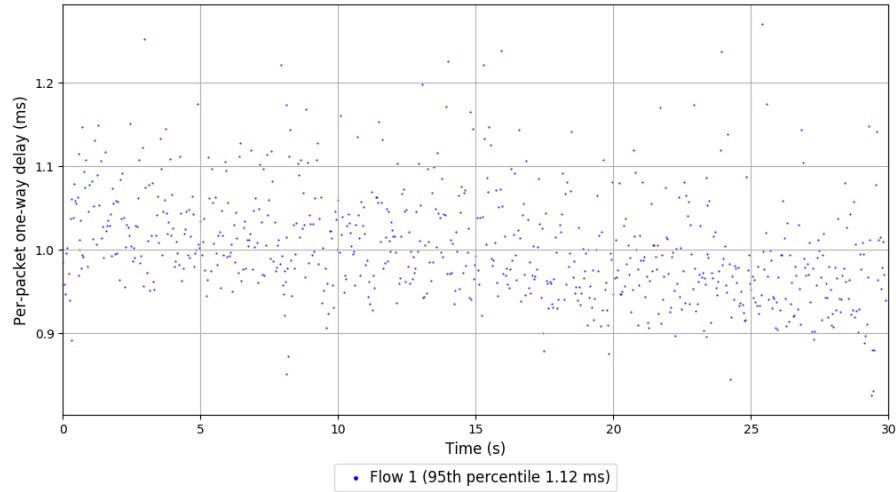
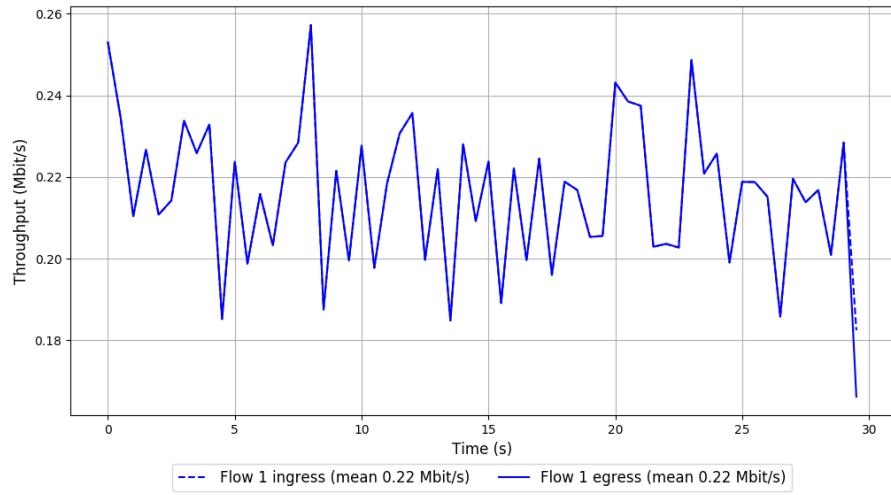


Run 2: Statistics of SCReAM

```
Start at: 2018-04-24 05:38:53
End at: 2018-04-24 05:39:23
Local clock offset: -2.243 ms
Remote clock offset: -5.14 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

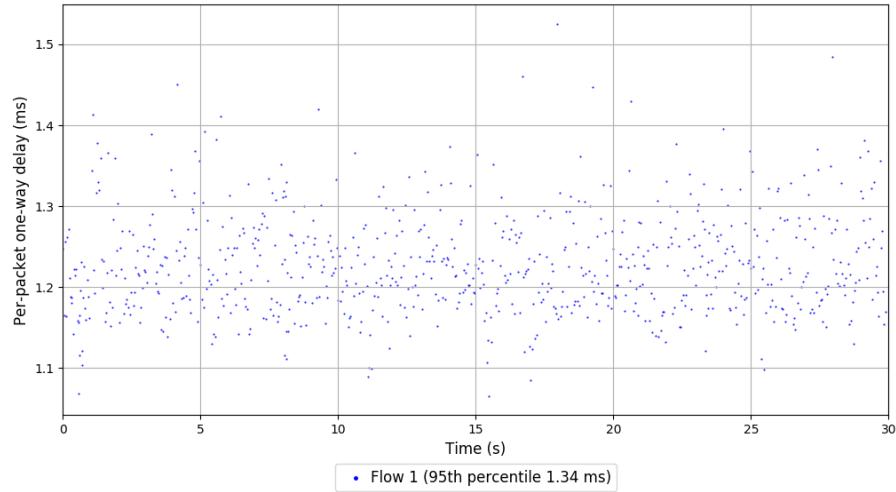
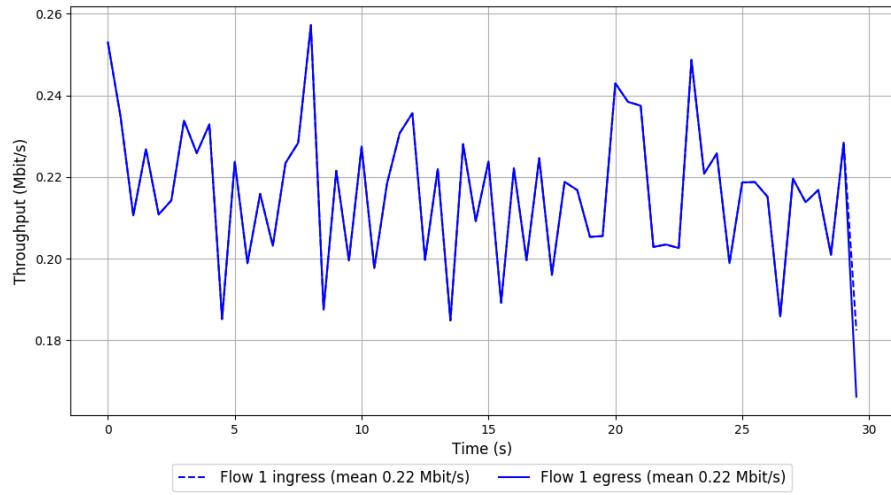


Run 3: Statistics of SCReAM

```
Start at: 2018-04-24 06:04:07
End at: 2018-04-24 06:04:37
Local clock offset: -2.969 ms
Remote clock offset: -5.878 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

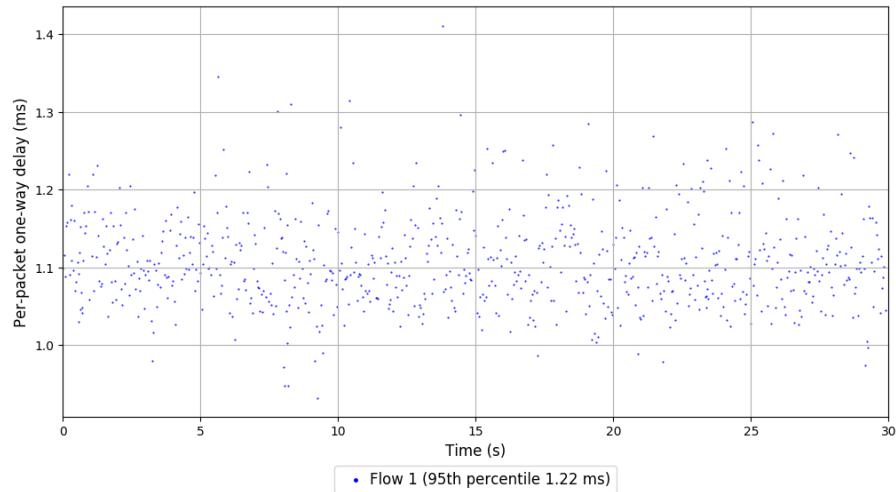
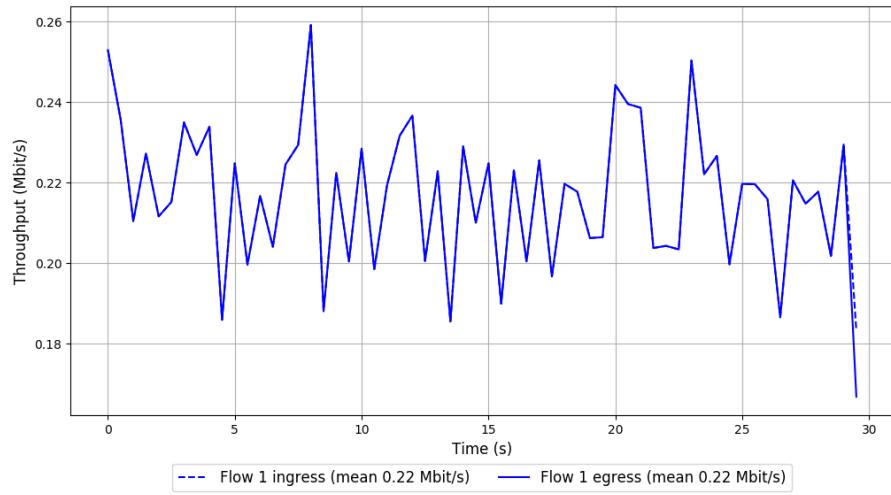


Run 4: Statistics of SCReAM

```
Start at: 2018-04-24 06:29:33
End at: 2018-04-24 06:30:03
Local clock offset: -1.259 ms
Remote clock offset: -6.979 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.13%
```

Run 4: Report of SCReAM — Data Link

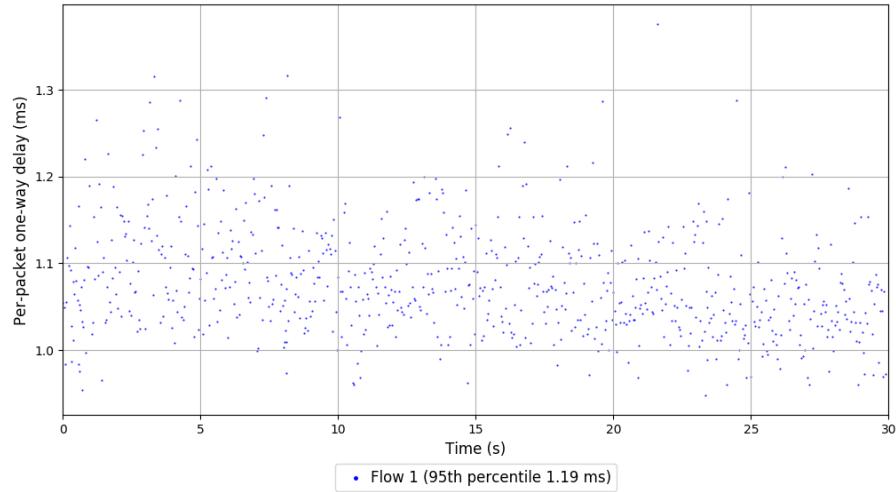
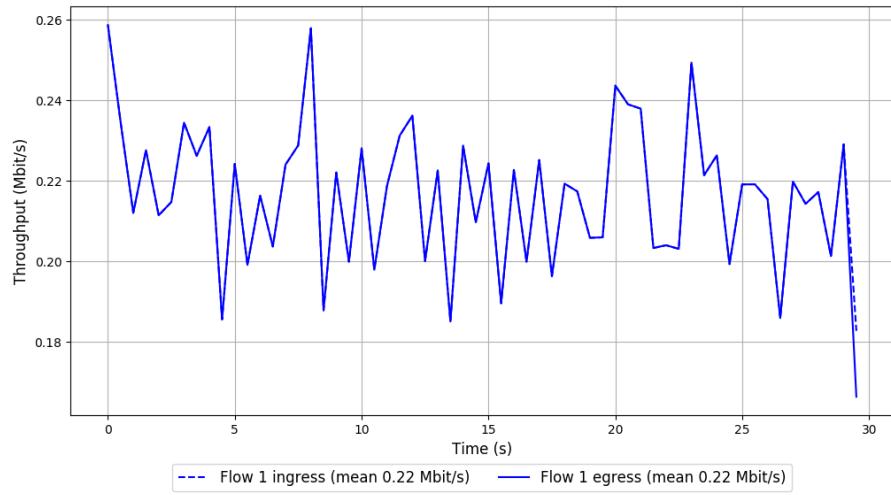


Run 5: Statistics of SCReAM

```
Start at: 2018-04-24 06:54:51
End at: 2018-04-24 06:55:21
Local clock offset: 0.152 ms
Remote clock offset: -7.458 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.191 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.191 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

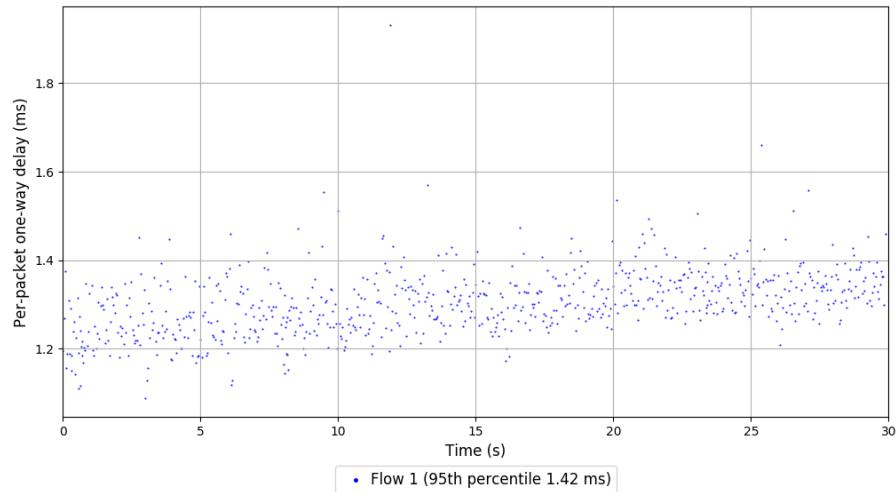
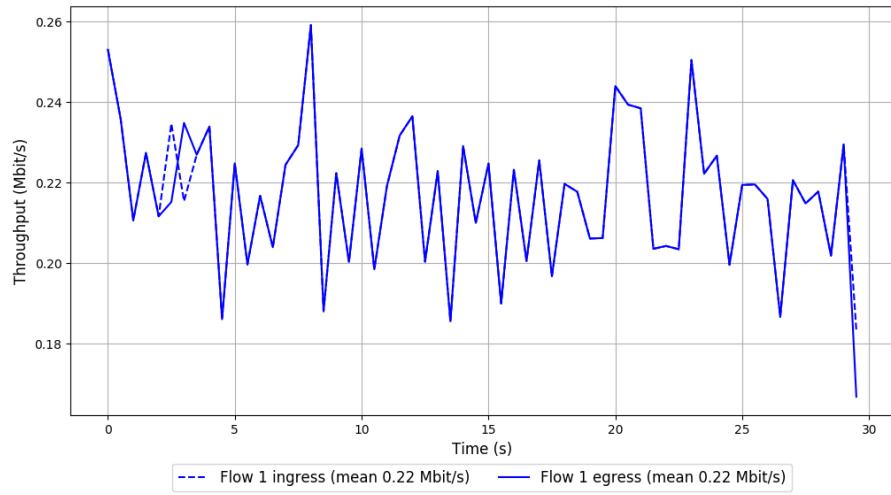


Run 6: Statistics of SCReAM

```
Start at: 2018-04-24 07:20:15
End at: 2018-04-24 07:20:45
Local clock offset: 0.752 ms
Remote clock offset: -5.521 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.419 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.419 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

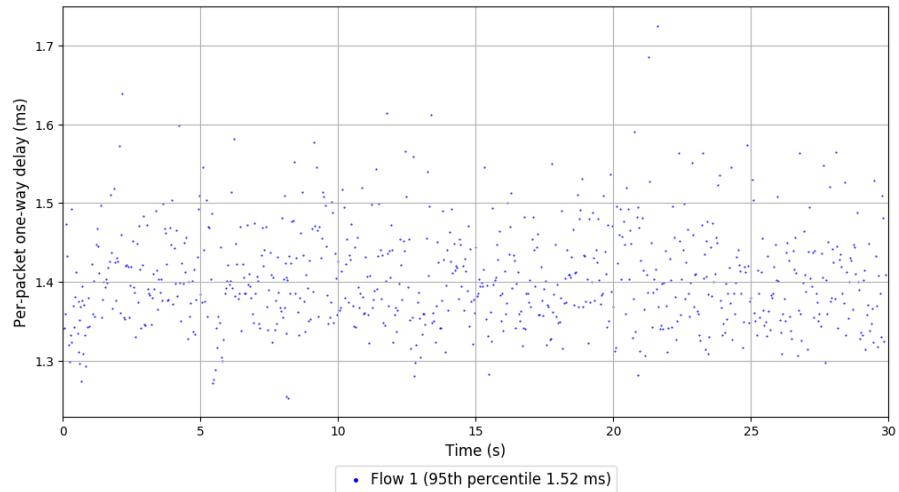
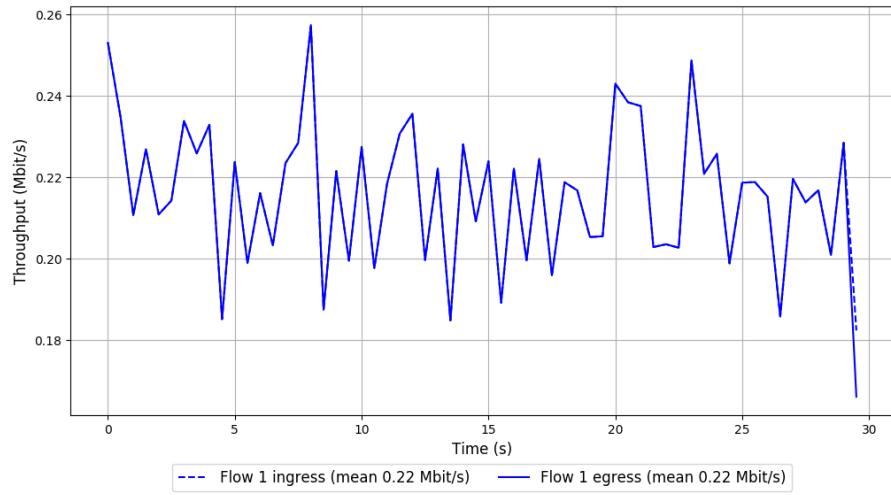


Run 7: Statistics of SCReAM

```
Start at: 2018-04-24 07:45:35
End at: 2018-04-24 07:46:05
Local clock offset: -1.189 ms
Remote clock offset: -5.47 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

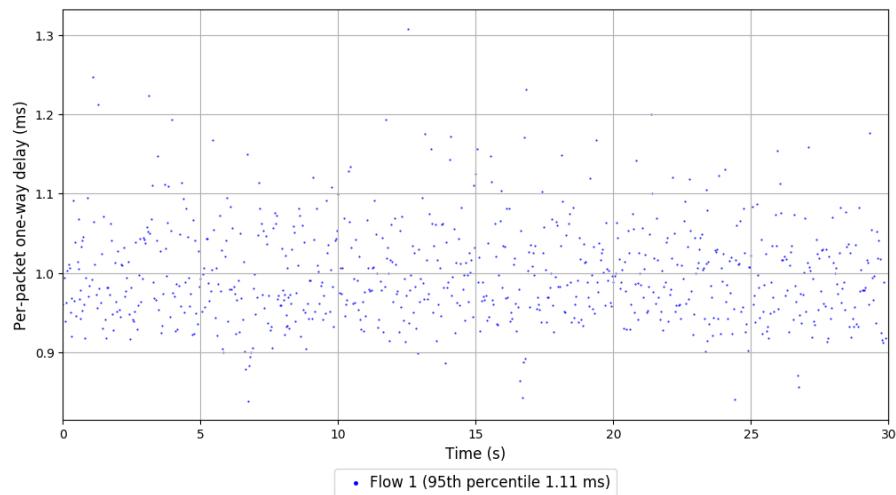
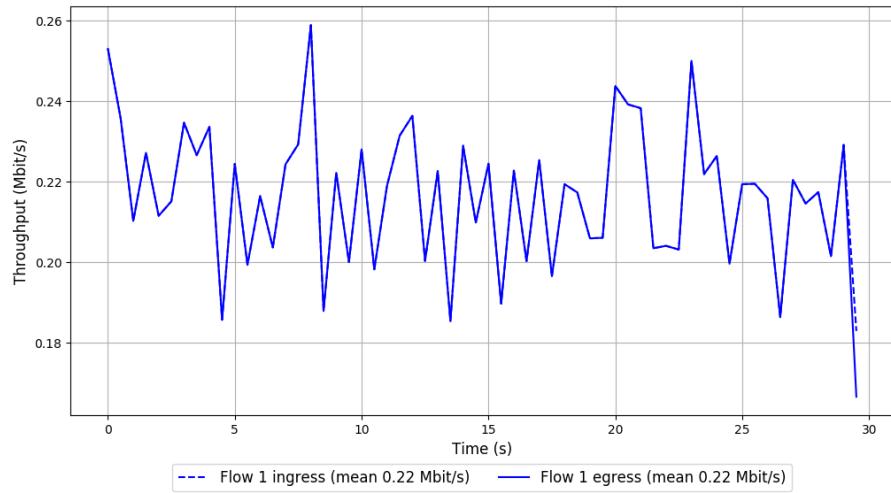


Run 8: Statistics of SCReAM

```
Start at: 2018-04-24 08:10:54
End at: 2018-04-24 08:11:24
Local clock offset: -1.216 ms
Remote clock offset: -6.222 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

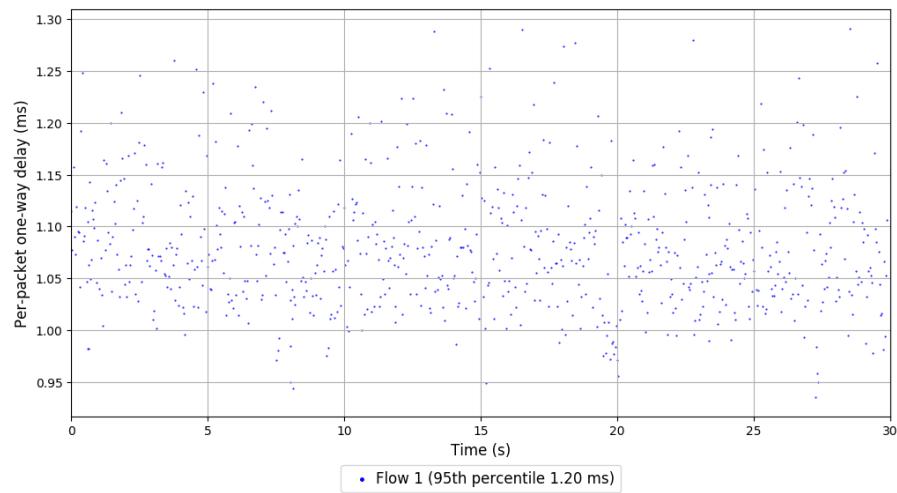
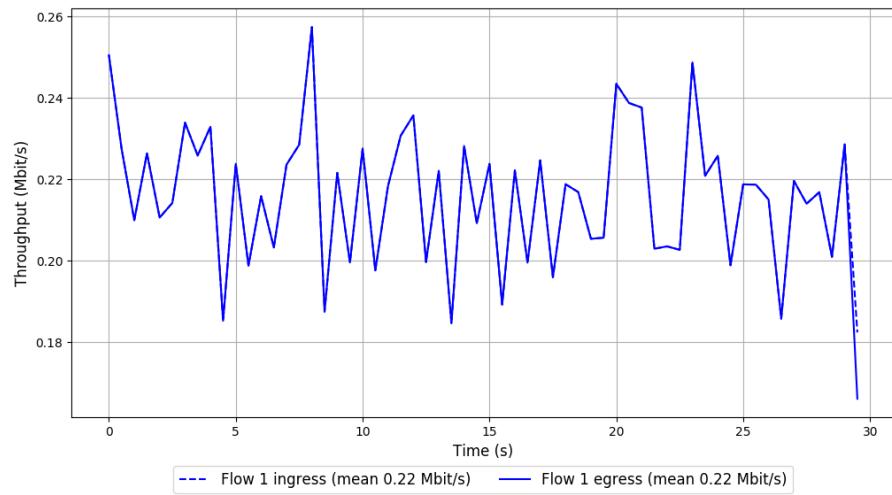


Run 9: Statistics of SCReAM

```
Start at: 2018-04-24 08:36:10
End at: 2018-04-24 08:36:40
Local clock offset: -0.994 ms
Remote clock offset: -6.367 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

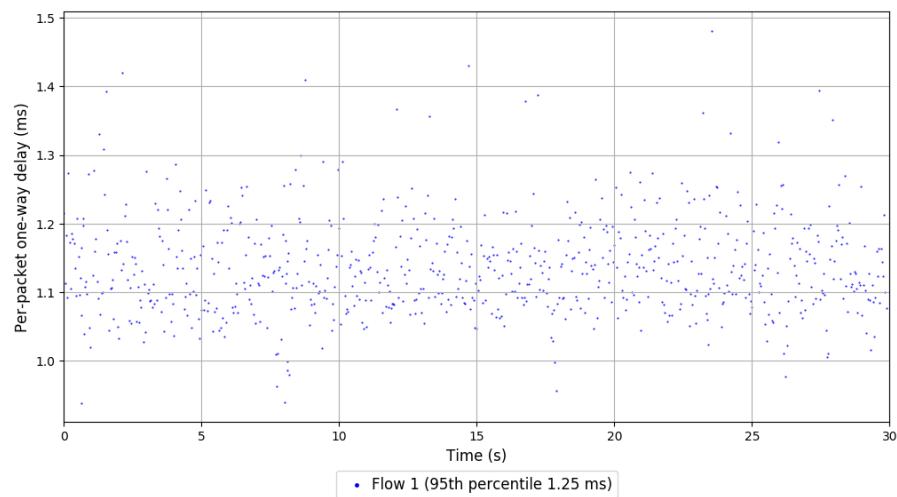
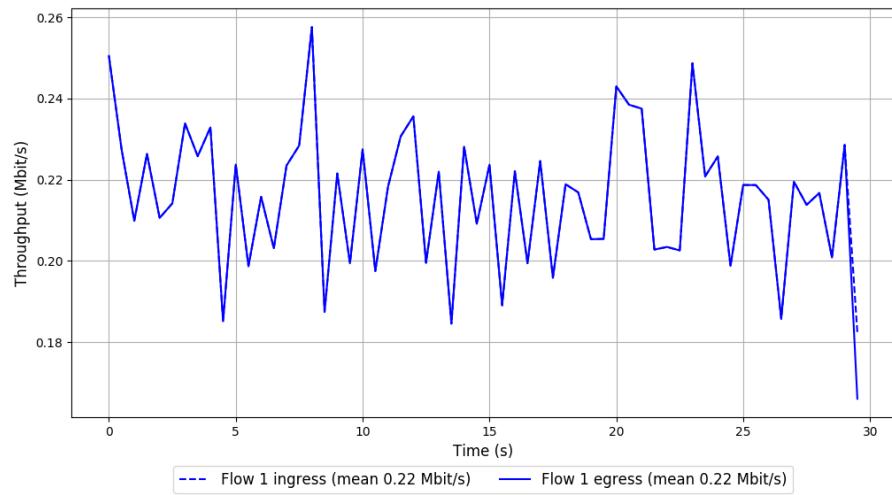


Run 10: Statistics of SCReAM

```
Start at: 2018-04-24 09:01:22
End at: 2018-04-24 09:01:52
Local clock offset: -0.856 ms
Remote clock offset: -5.511 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

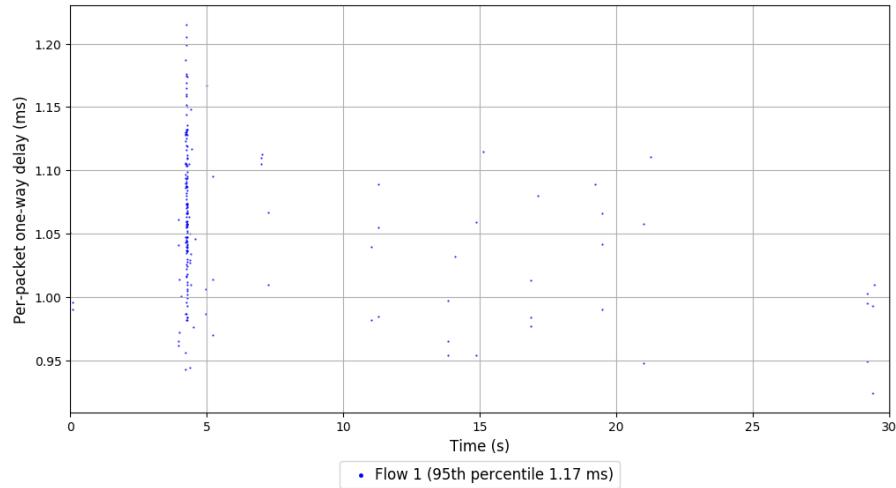
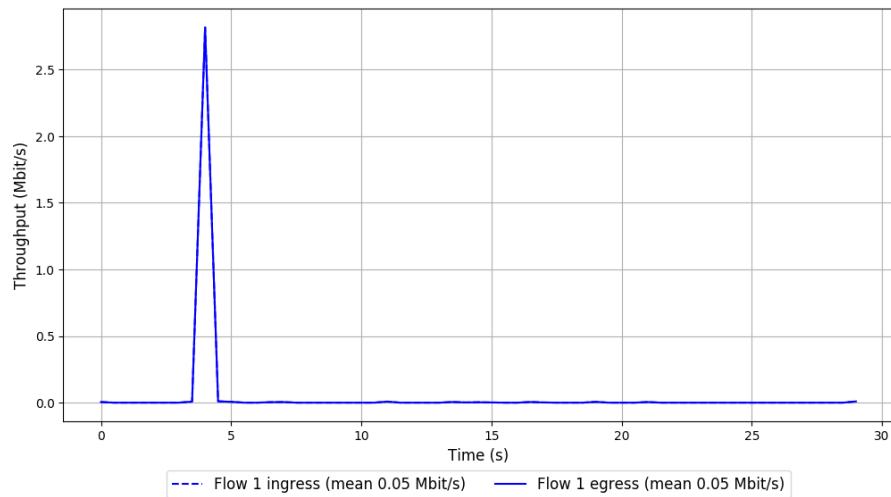


Run 1: Statistics of WebRTC media

```
Start at: 2018-04-24 05:25:12
End at: 2018-04-24 05:25:42
Local clock offset: -0.879 ms
Remote clock offset: -5.054 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.165 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

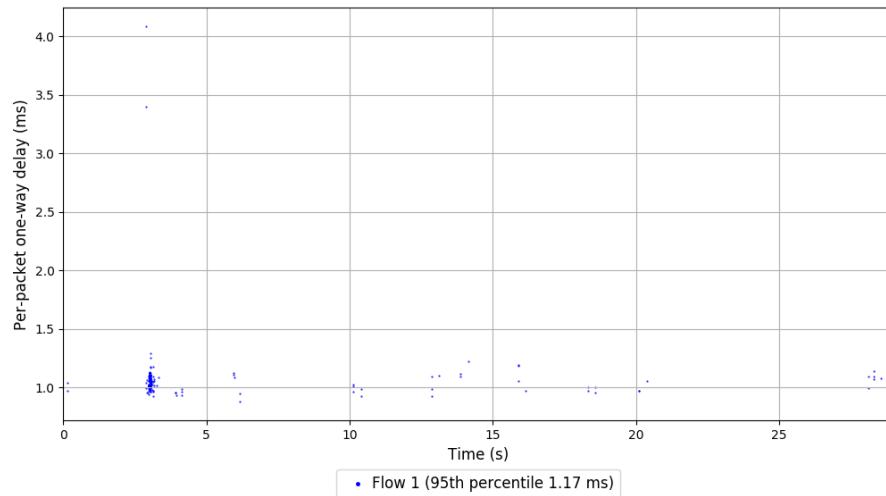
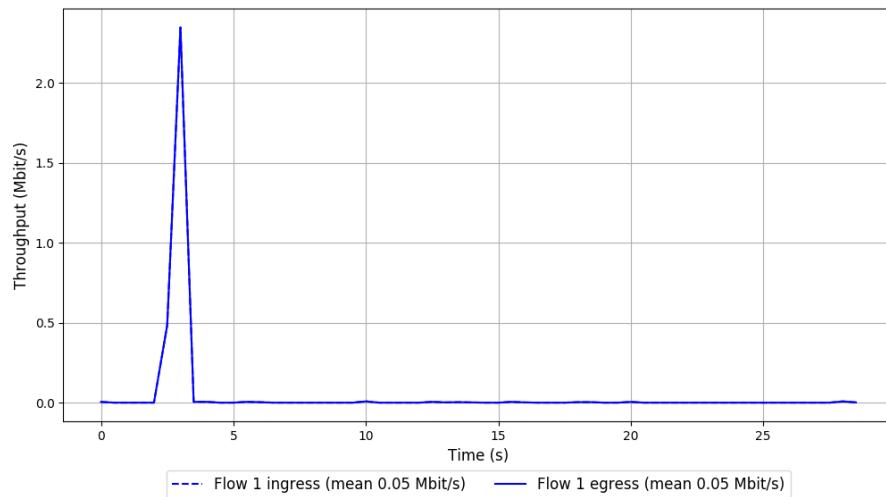


Run 2: Statistics of WebRTC media

```
Start at: 2018-04-24 05:50:35
End at: 2018-04-24 05:51:05
Local clock offset: -1.857 ms
Remote clock offset: -5.045 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

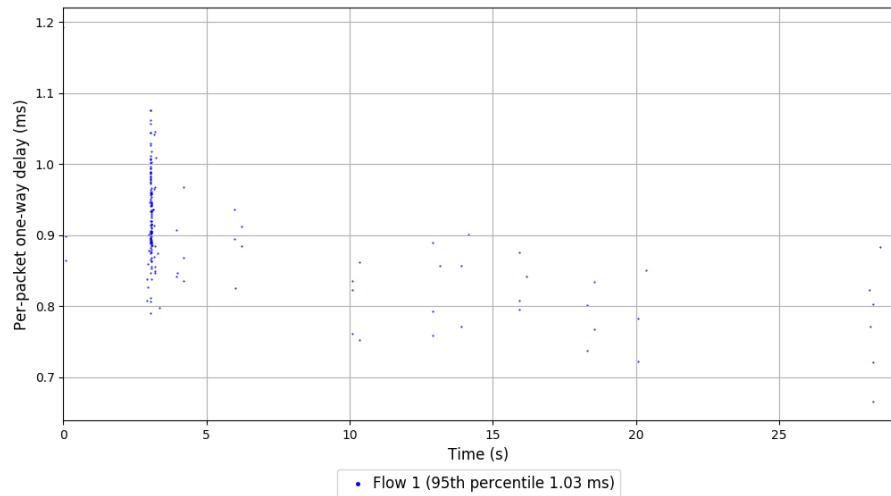
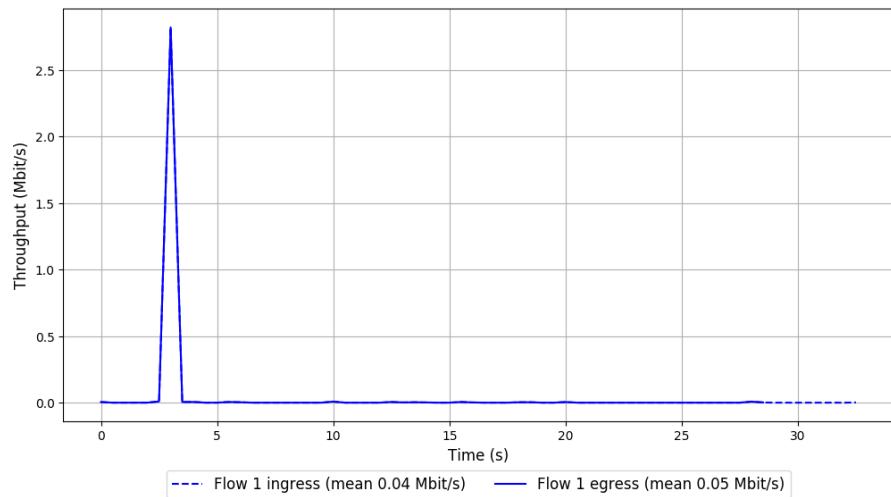


Run 3: Statistics of WebRTC media

```
Start at: 2018-04-24 06:15:54
End at: 2018-04-24 06:16:24
Local clock offset: -2.584 ms
Remote clock offset: -6.603 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.05%
```

Run 3: Report of WebRTC media — Data Link

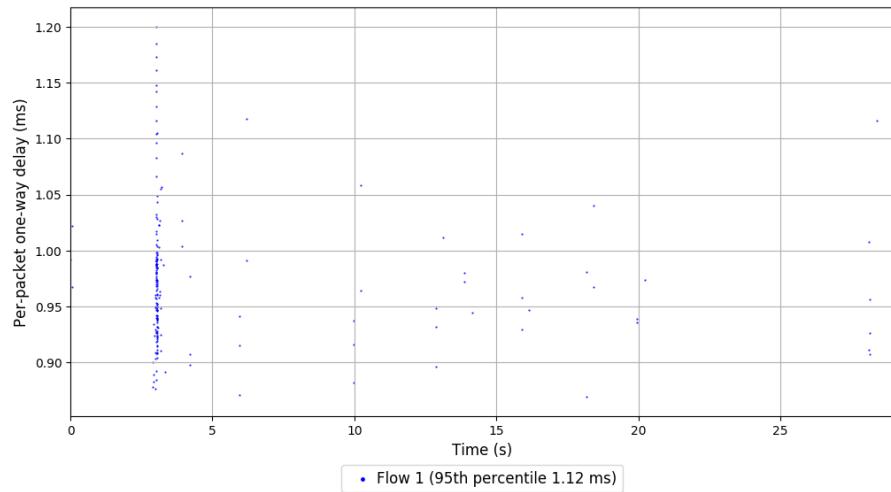
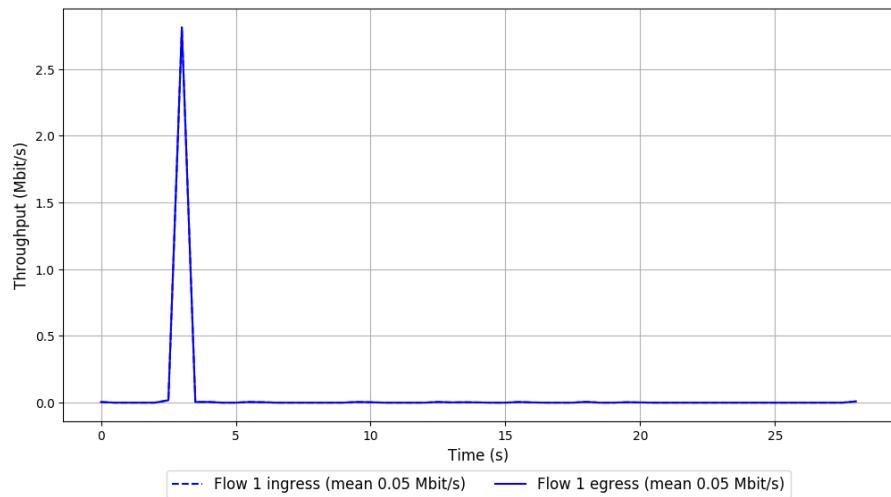


Run 4: Statistics of WebRTC media

```
Start at: 2018-04-24 06:41:13
End at: 2018-04-24 06:41:43
Local clock offset: -1.62 ms
Remote clock offset: -7.15 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

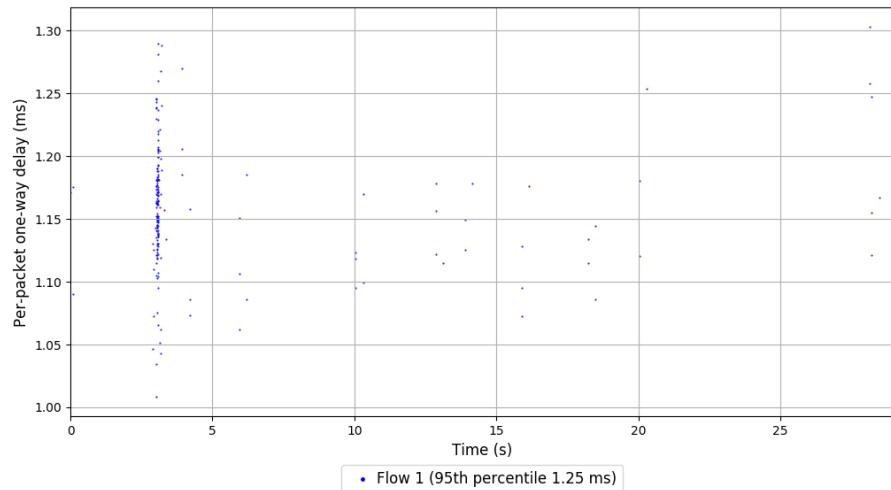
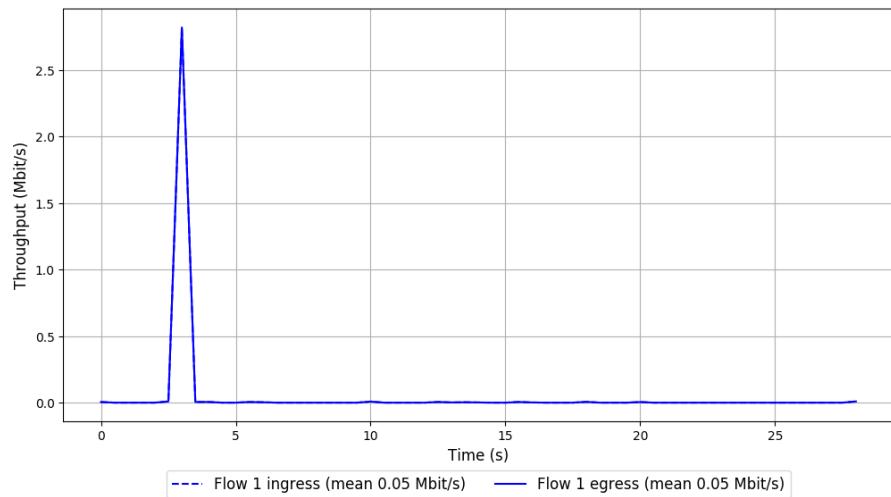


Run 5: Statistics of WebRTC media

```
Start at: 2018-04-24 07:06:43
End at: 2018-04-24 07:07:13
Local clock offset: 0.842 ms
Remote clock offset: -7.366 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

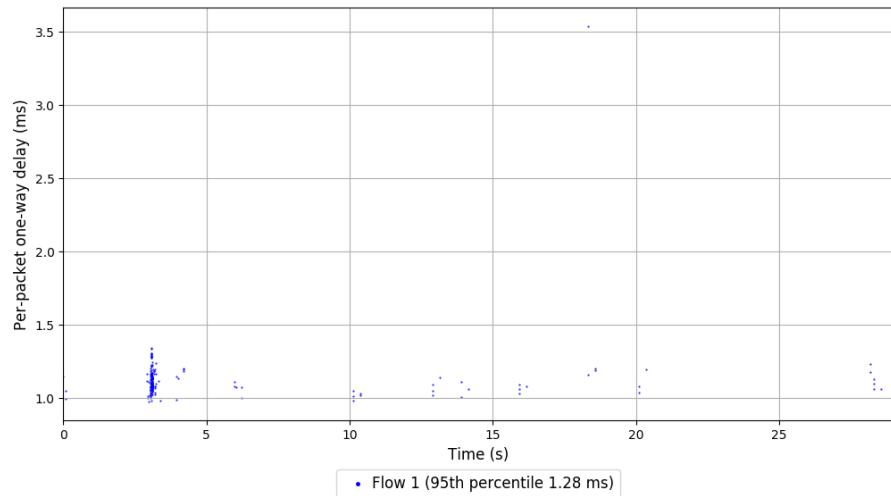
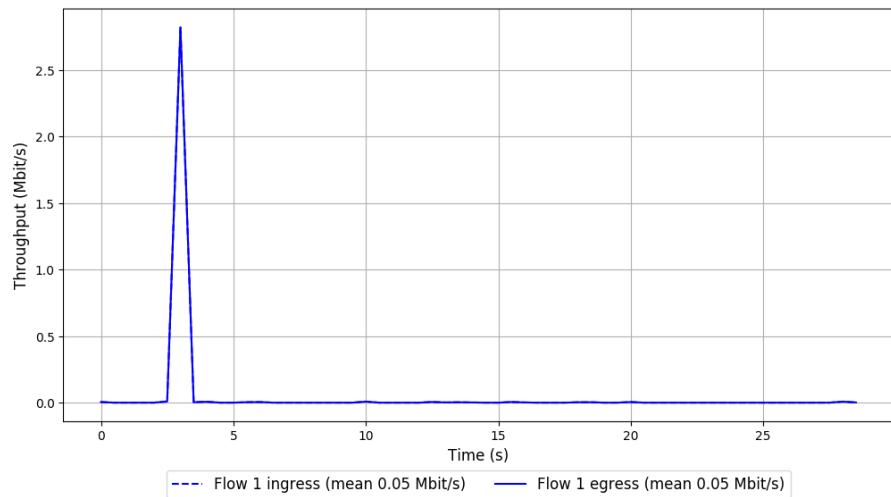


Run 6: Statistics of WebRTC media

```
Start at: 2018-04-24 07:32:01
End at: 2018-04-24 07:32:31
Local clock offset: -0.626 ms
Remote clock offset: -4.938 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

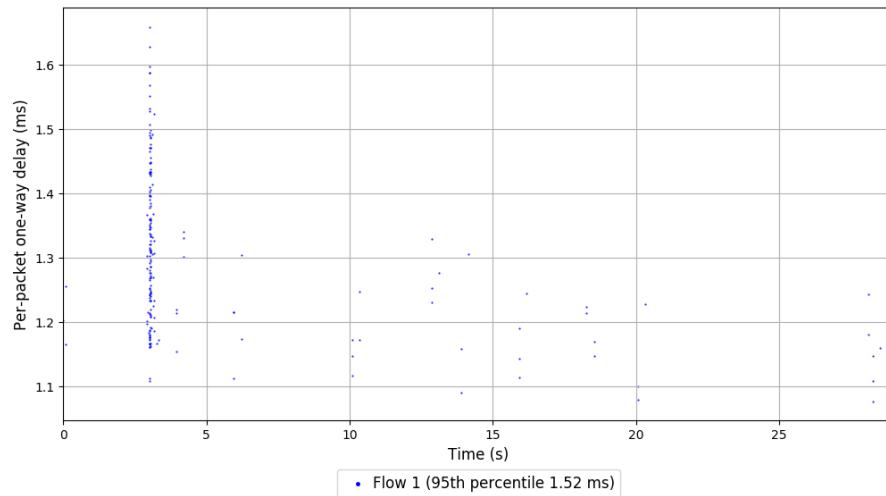
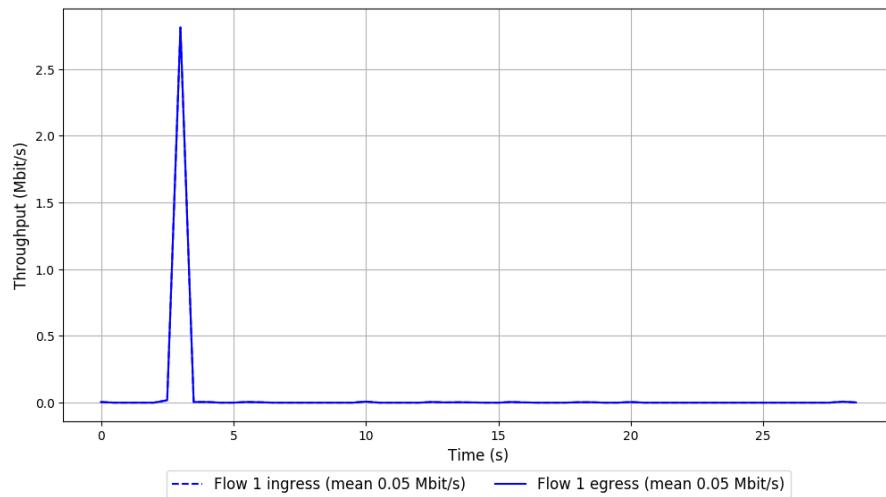


Run 7: Statistics of WebRTC media

```
Start at: 2018-04-24 07:57:22
End at: 2018-04-24 07:57:52
Local clock offset: -1.343 ms
Remote clock offset: -6.116 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.524 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

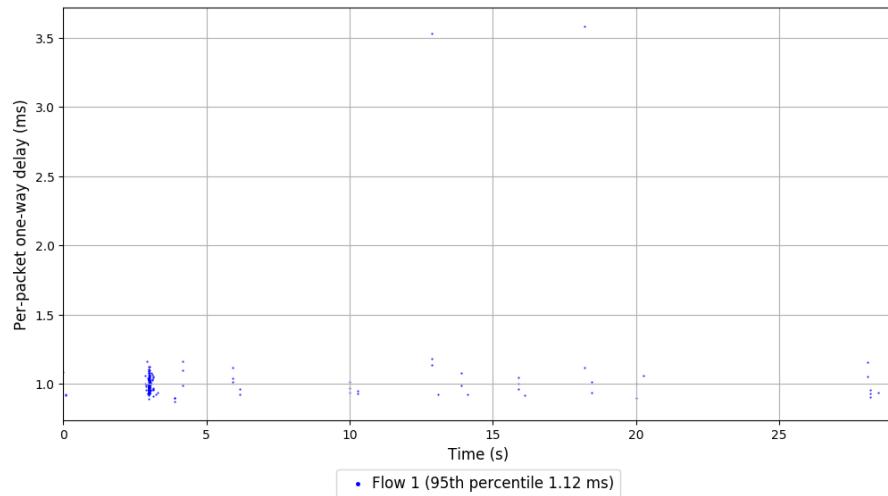
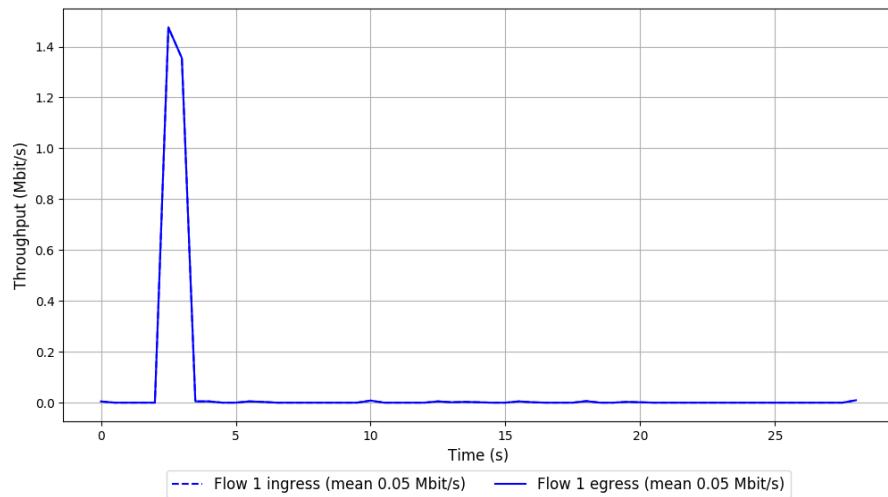


Run 8: Statistics of WebRTC media

```
Start at: 2018-04-24 08:22:42
End at: 2018-04-24 08:23:12
Local clock offset: -1.383 ms
Remote clock offset: -6.268 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

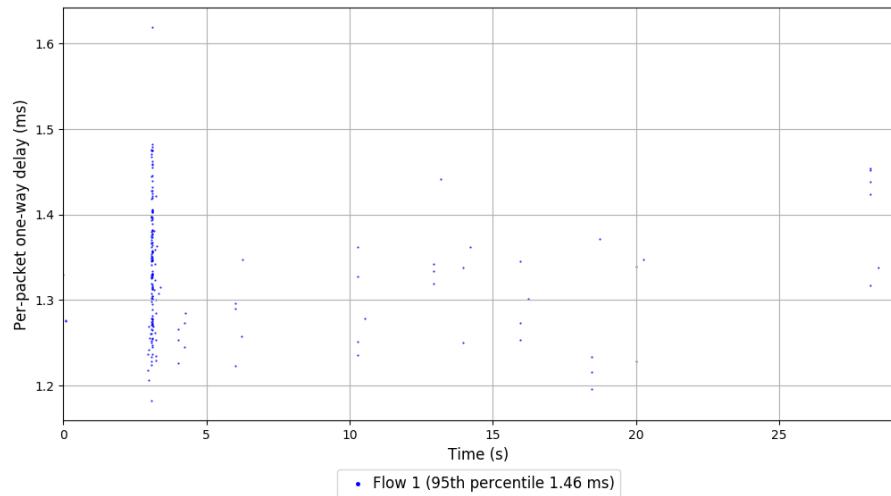
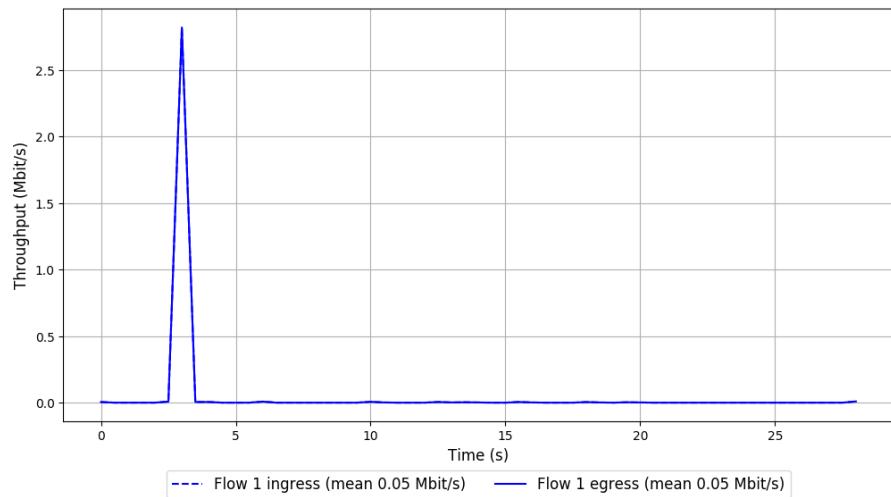


Run 9: Statistics of WebRTC media

```
Start at: 2018-04-24 08:47:56
End at: 2018-04-24 08:48:26
Local clock offset: -0.518 ms
Remote clock offset: -6.365 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.462 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

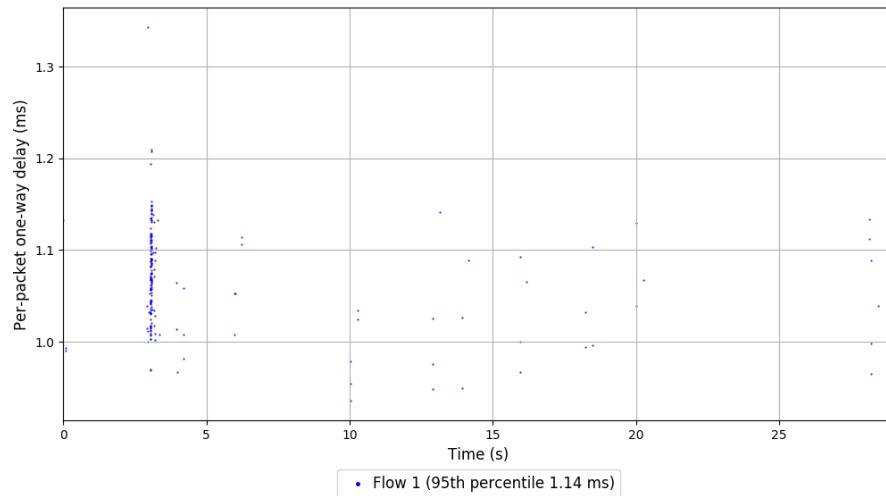
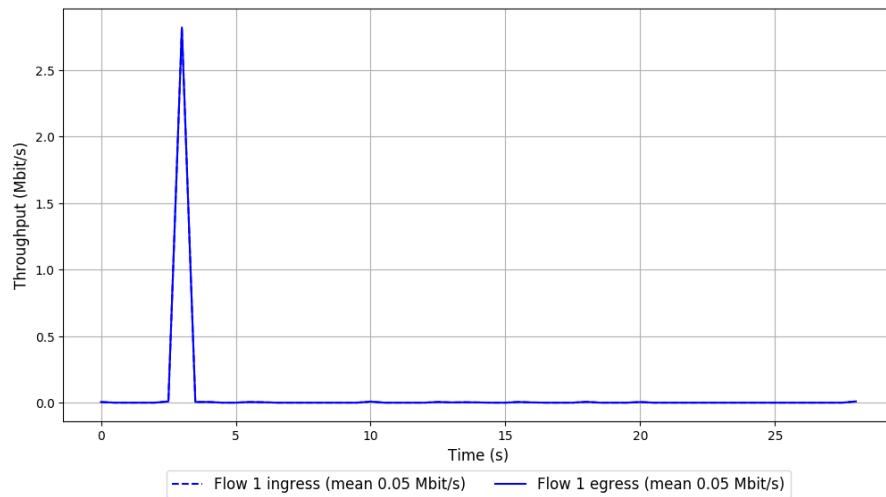


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-04-24 09:13:11
End at: 2018-04-24 09:13:41
Local clock offset: -0.42 ms
Remote clock offset: -5.183 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

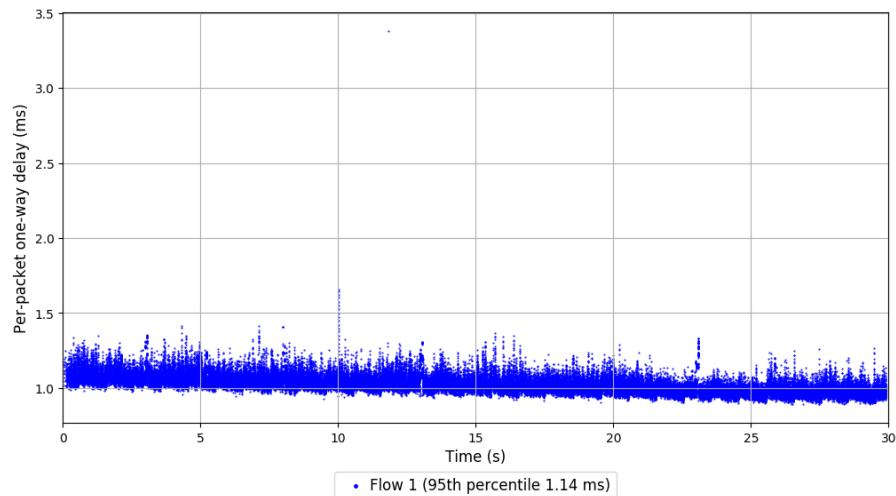
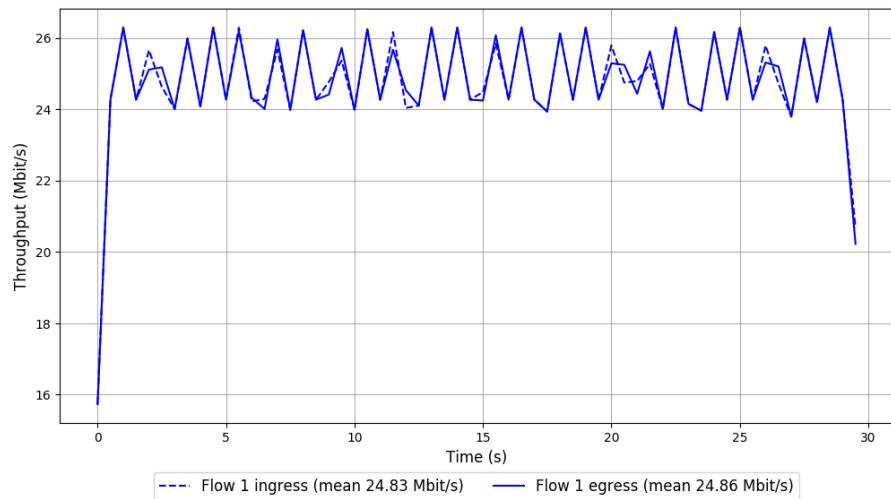


Run 1: Statistics of Sprout

```
Start at: 2018-04-24 05:20:40
End at: 2018-04-24 05:21:10
Local clock offset: -1.326 ms
Remote clock offset: -5.112 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.03%
```

Run 1: Report of Sprout — Data Link

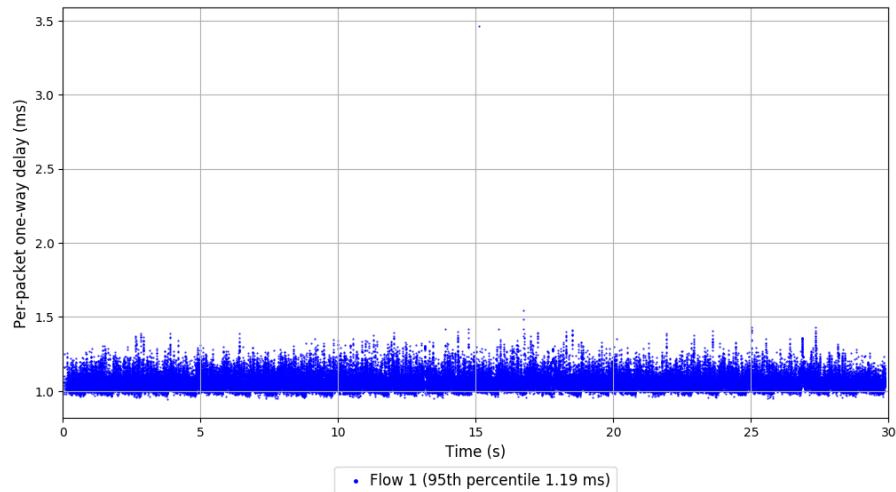
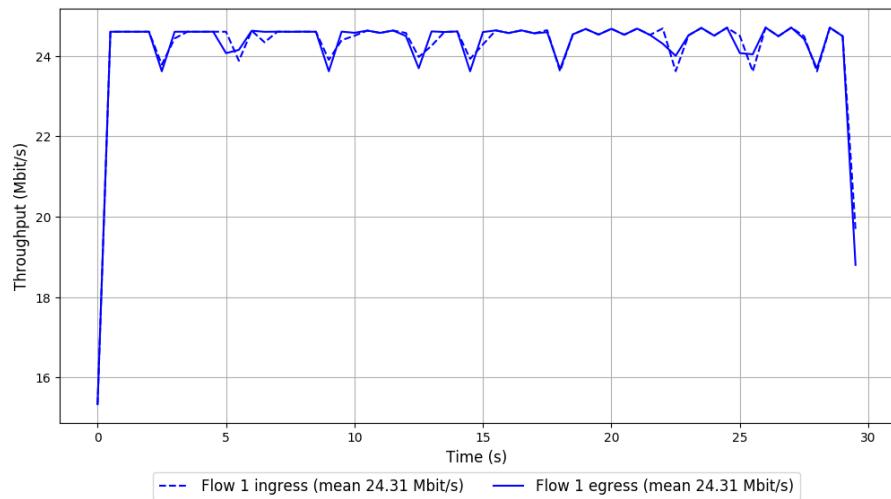


Run 2: Statistics of Sprout

```
Start at: 2018-04-24 05:46:05
End at: 2018-04-24 05:46:35
Local clock offset: -1.714 ms
Remote clock offset: -5.098 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 1.185 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 1.185 ms
Loss rate: 0.06%
```

Run 2: Report of Sprout — Data Link

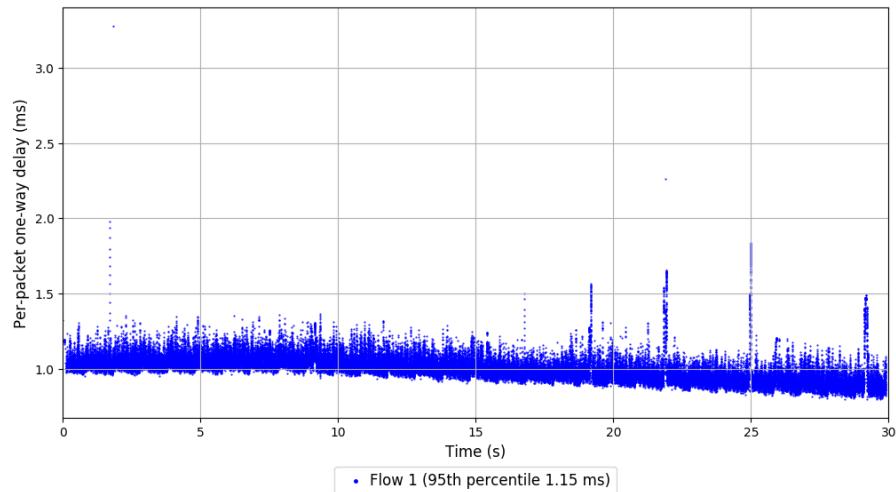
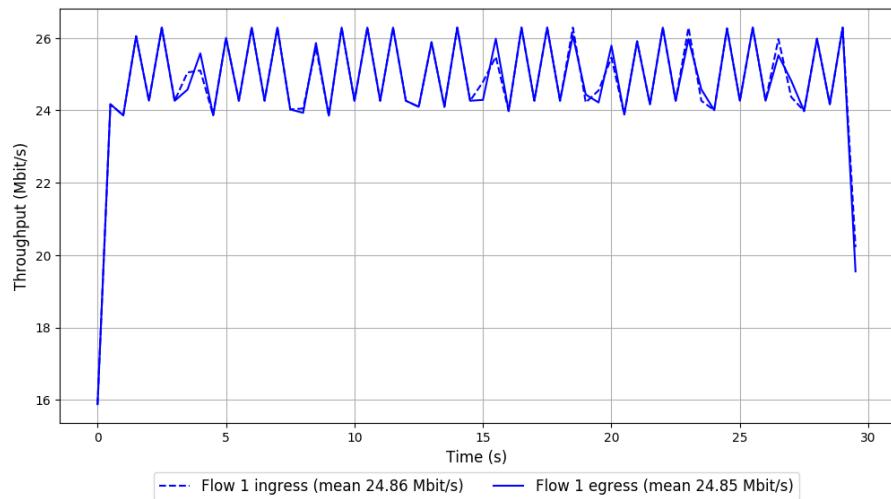


Run 3: Statistics of Sprout

```
Start at: 2018-04-24 06:11:23
End at: 2018-04-24 06:11:53
Local clock offset: -3.897 ms
Remote clock offset: -6.336 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.05%
```

Run 3: Report of Sprout — Data Link

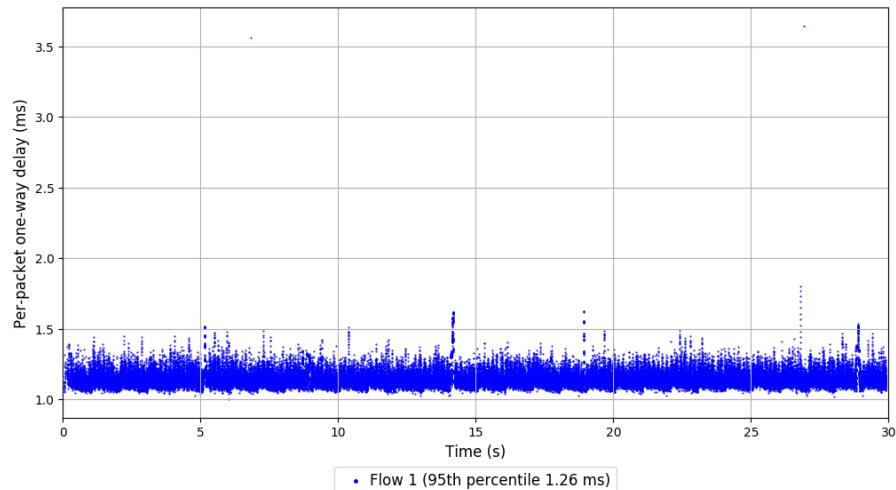
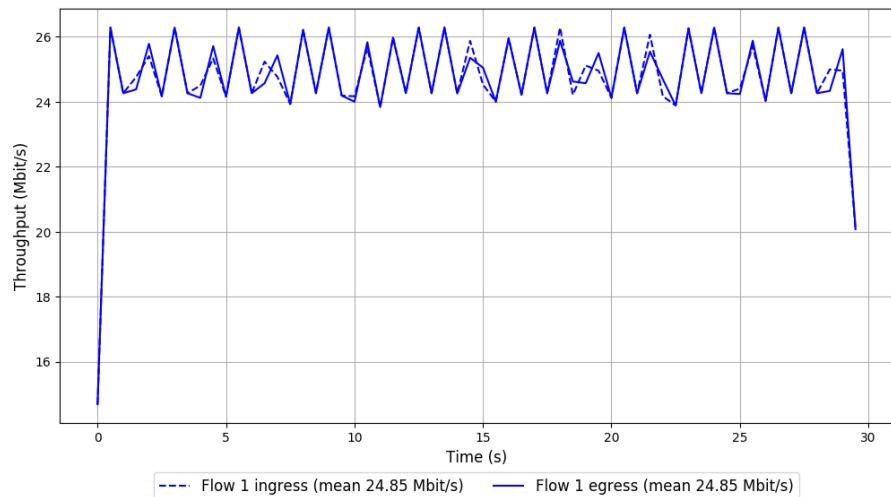


Run 4: Statistics of Sprout

```
Start at: 2018-04-24 06:36:43
End at: 2018-04-24 06:37:13
Local clock offset: -1.315 ms
Remote clock offset: -7.119 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

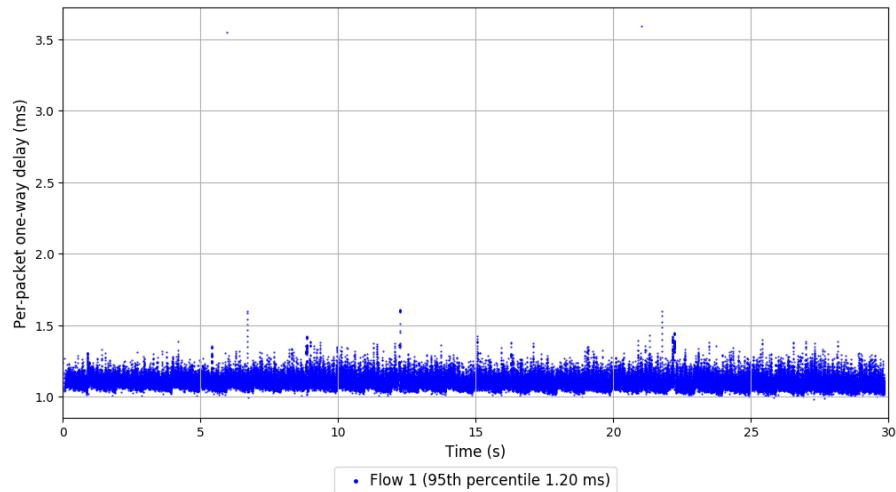
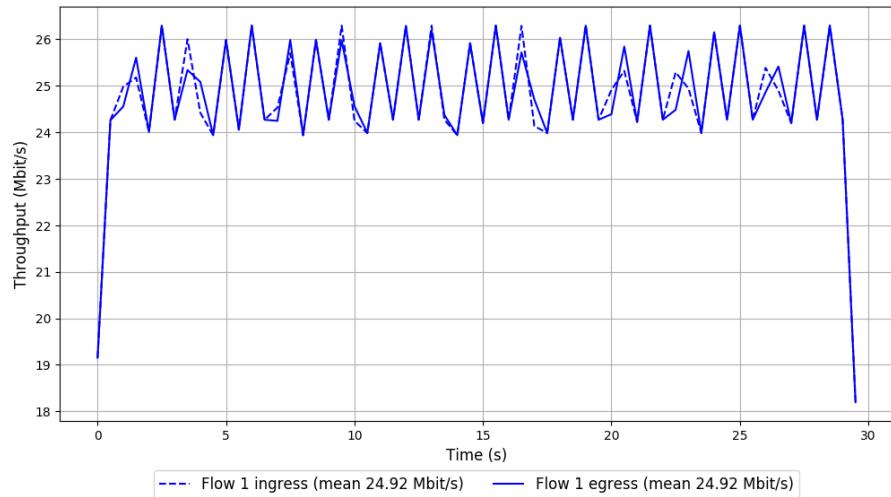


Run 5: Statistics of Sprout

```
Start at: 2018-04-24 07:02:09
End at: 2018-04-24 07:02:39
Local clock offset: 0.735 ms
Remote clock offset: -7.571 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.202 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

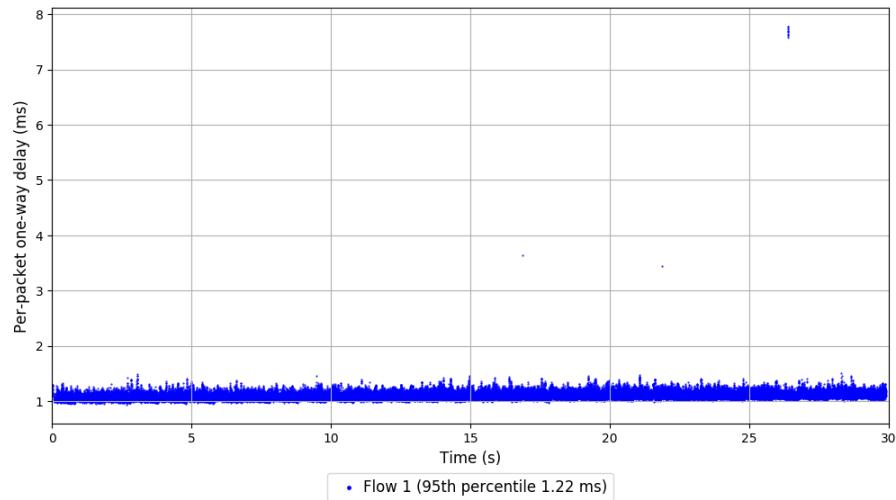
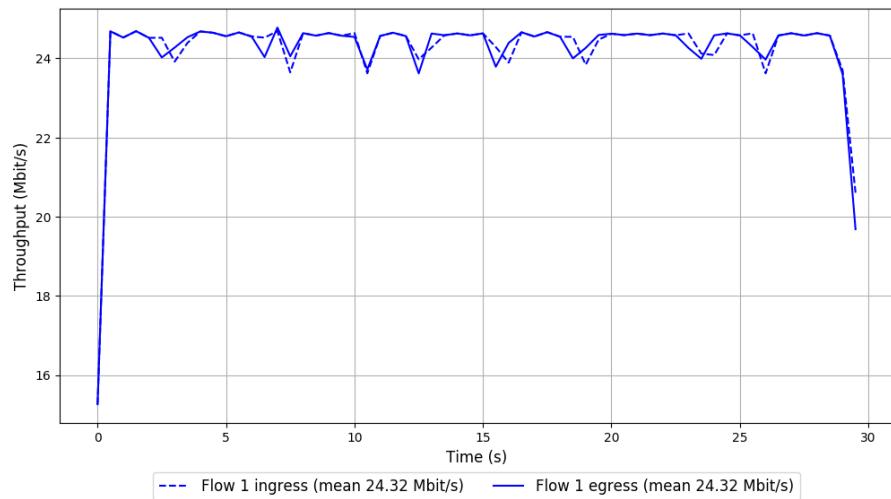


Run 6: Statistics of Sprout

```
Start at: 2018-04-24 07:27:29
End at: 2018-04-24 07:27:59
Local clock offset: -0.21 ms
Remote clock offset: -5.05 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.07%
```

Run 6: Report of Sprout — Data Link

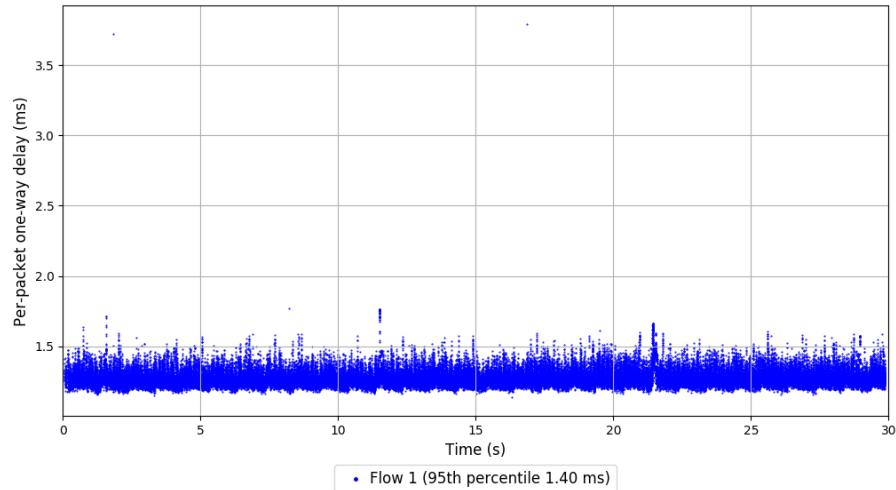
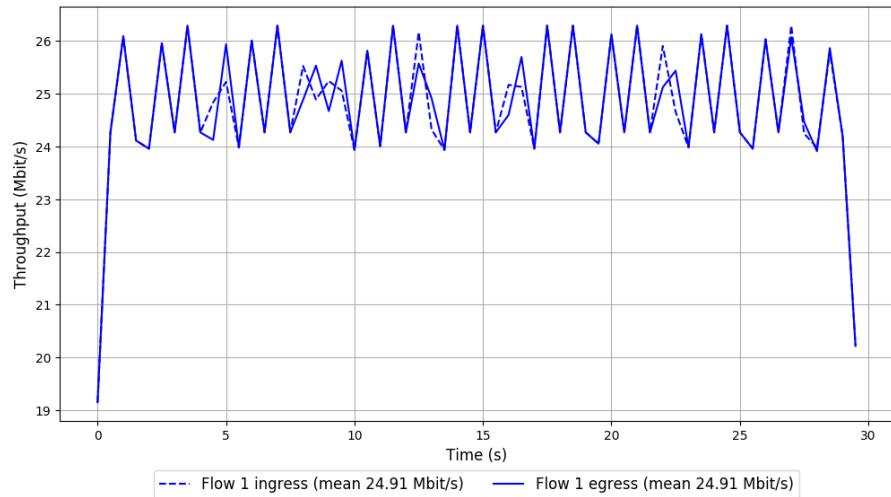


Run 7: Statistics of Sprout

```
Start at: 2018-04-24 07:52:49
End at: 2018-04-24 07:53:19
Local clock offset: -1.576 ms
Remote clock offset: -5.871 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.397 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

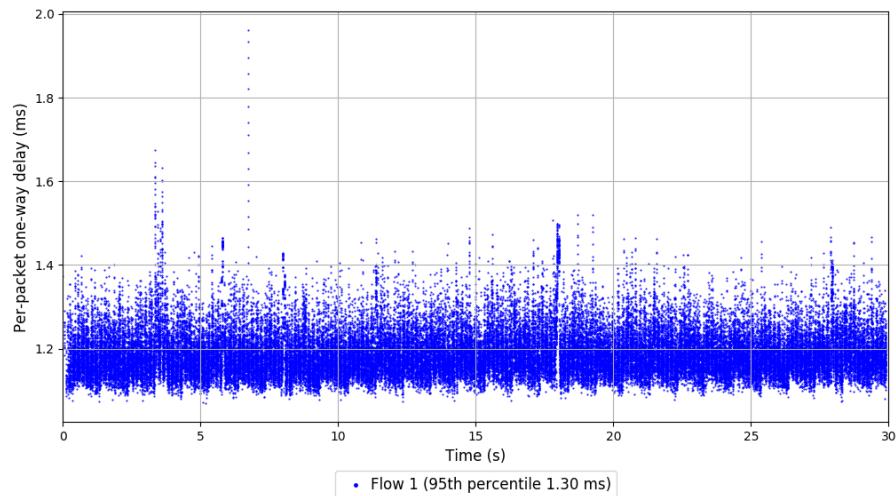
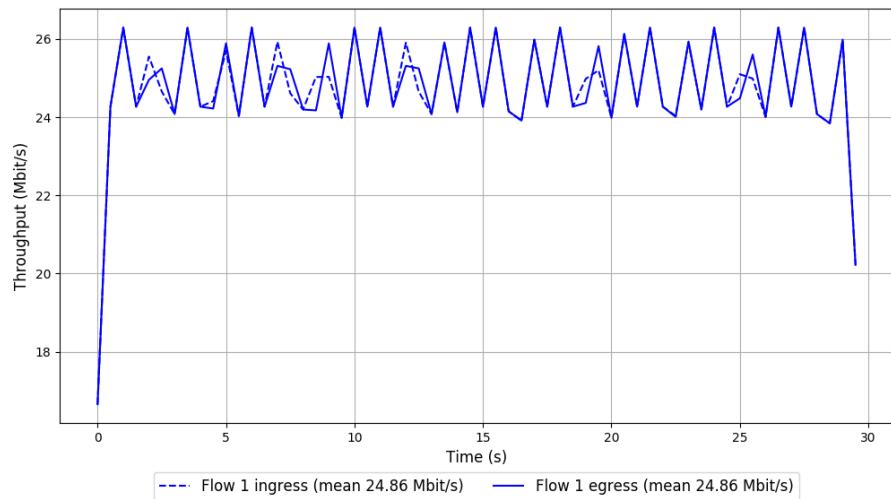


Run 8: Statistics of Sprout

```
Start at: 2018-04-24 08:18:12
End at: 2018-04-24 08:18:42
Local clock offset: -1.118 ms
Remote clock offset: -6.261 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

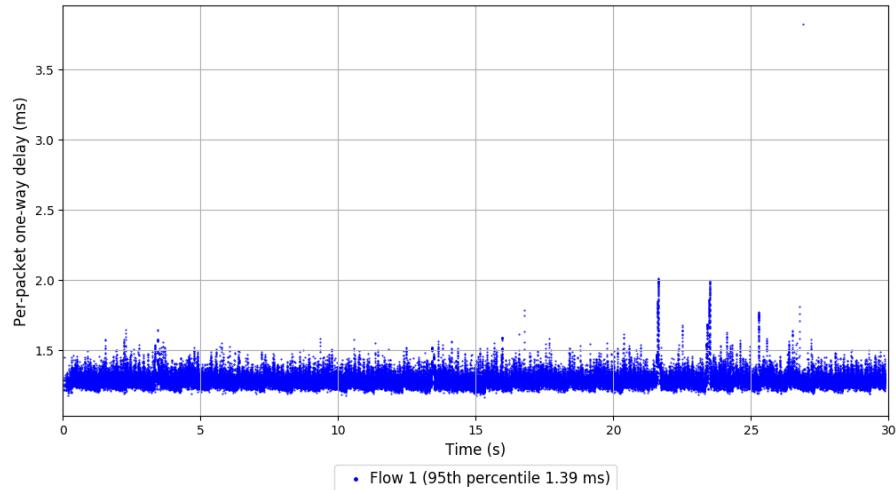
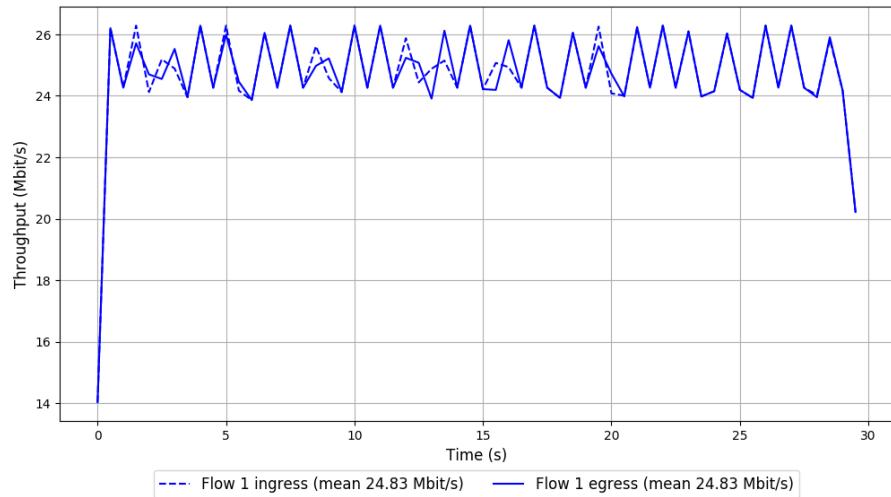


Run 9: Statistics of Sprout

```
Start at: 2018-04-24 08:43:26
End at: 2018-04-24 08:43:56
Local clock offset: -0.535 ms
Remote clock offset: -6.351 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 1.386 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 1.386 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

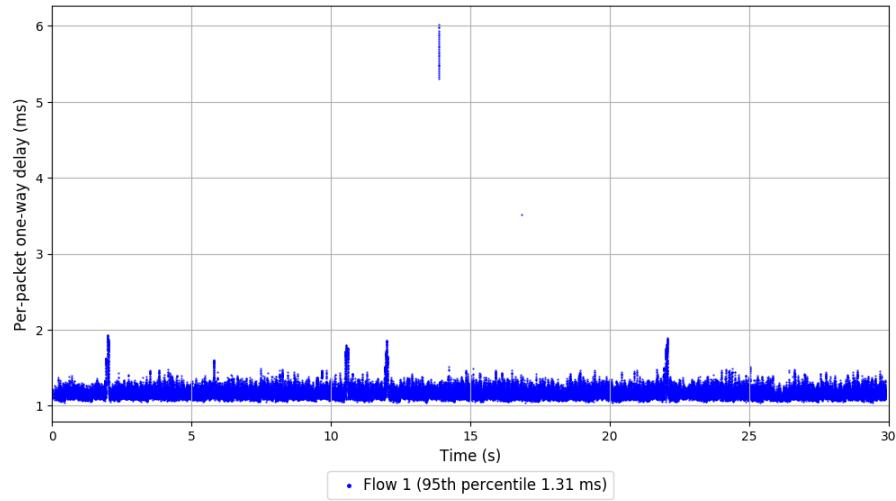
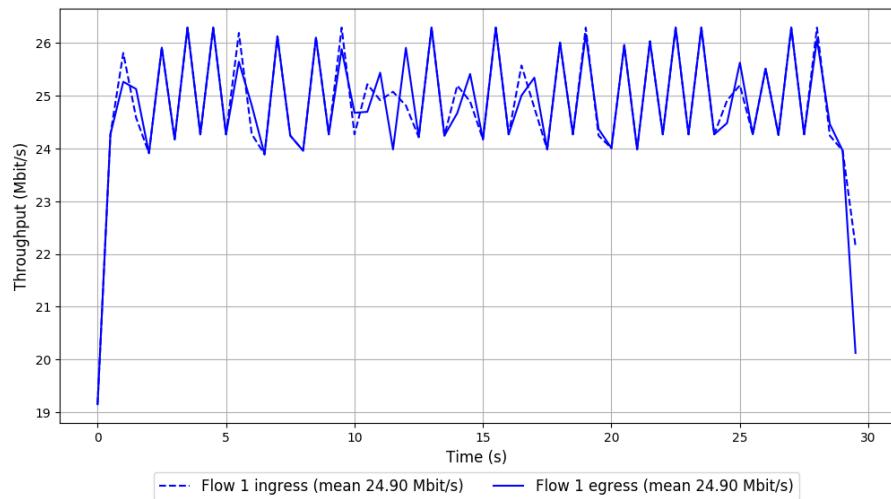


Run 10: Statistics of Sprout

```
Start at: 2018-04-24 09:08:37
End at: 2018-04-24 09:09:07
Local clock offset: -0.499 ms
Remote clock offset: -5.3 ms

# Below is generated by plot.py at 2018-04-24 14:35:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.14%
```

Run 10: Report of Sprout — Data Link

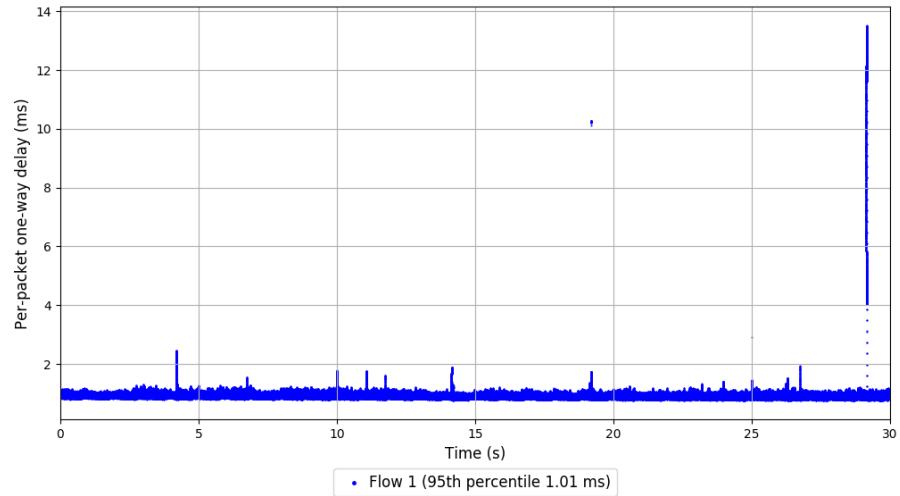
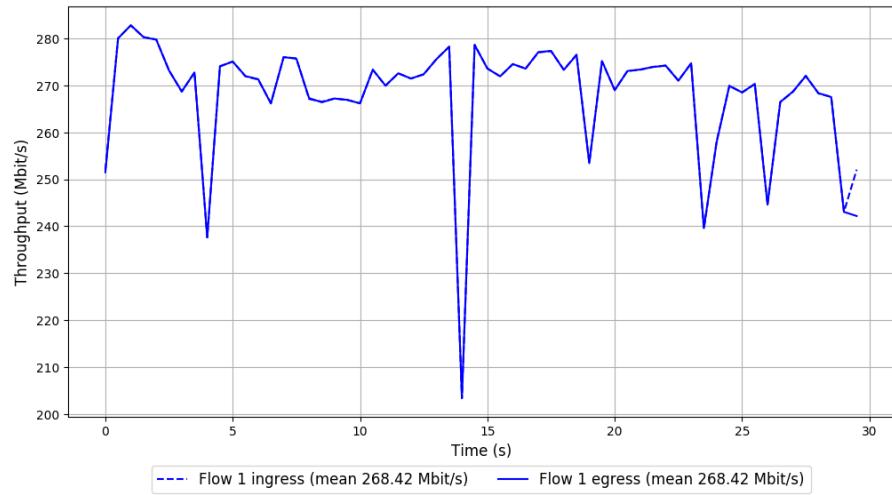


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-04-24 05:21:59
End at: 2018-04-24 05:22:29
Local clock offset: -1.225 ms
Remote clock offset: -5.075 ms

# Below is generated by plot.py at 2018-04-24 14:35:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 268.42 Mbit/s
95th percentile per-packet one-way delay: 1.006 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 268.42 Mbit/s
95th percentile per-packet one-way delay: 1.006 ms
Loss rate: 0.06%
```

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

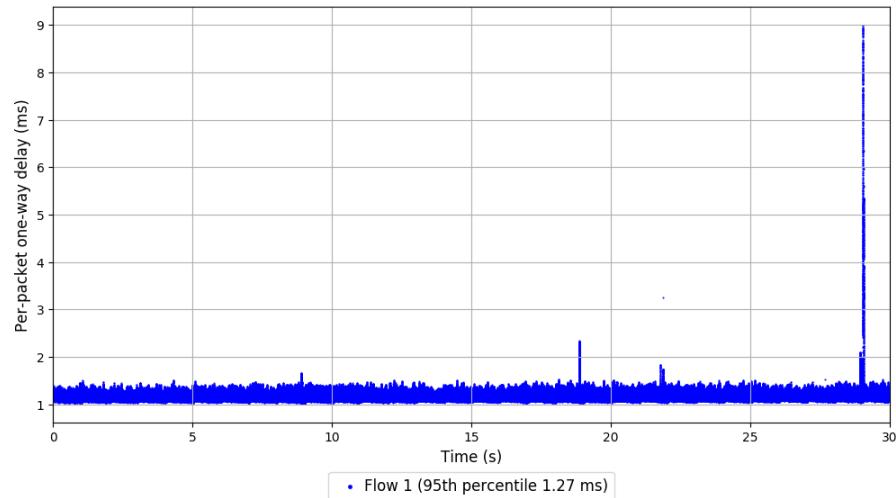
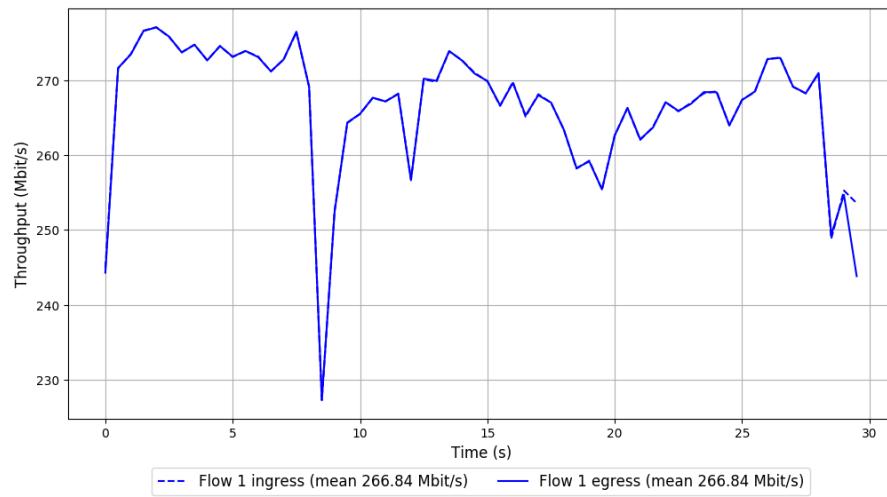


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-04-24 05:47:24
End at: 2018-04-24 05:47:54
Local clock offset: -1.62 ms
Remote clock offset: -5.094 ms

# Below is generated by plot.py at 2018-04-24 14:35:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 266.84 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 266.84 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.06%
```

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

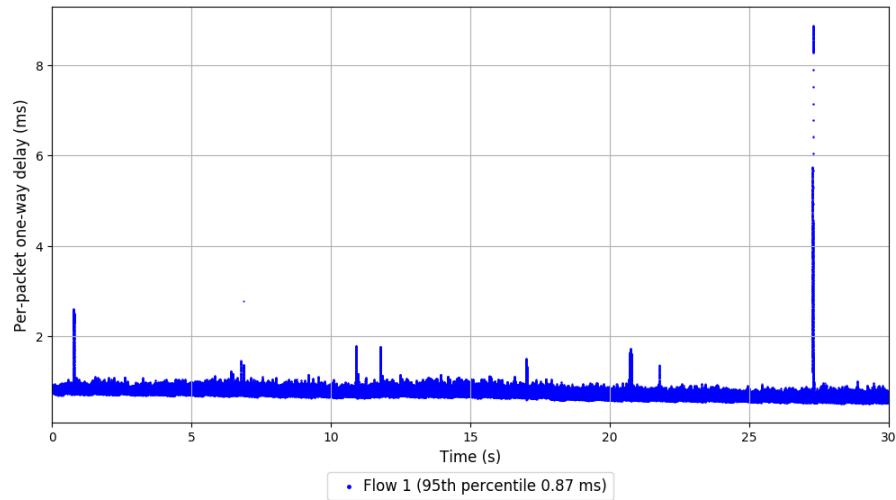
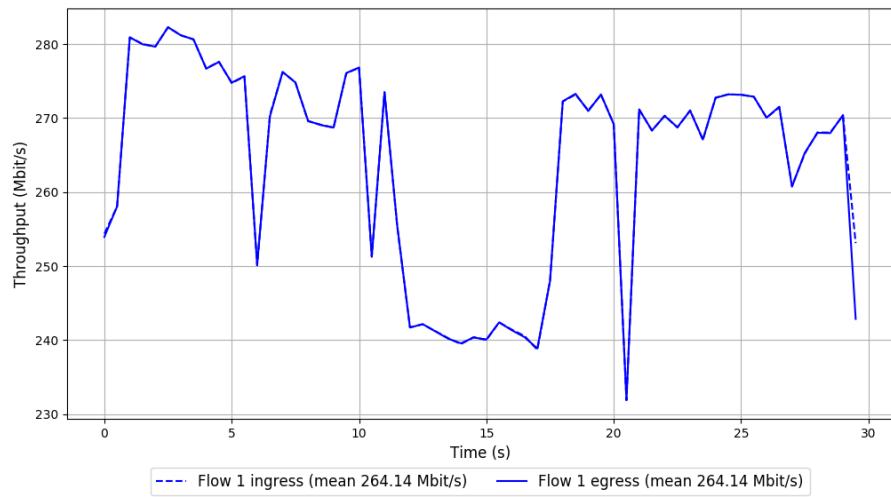


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-04-24 06:12:41
End at: 2018-04-24 06:13:12
Local clock offset: -3.71 ms
Remote clock offset: -6.458 ms

# Below is generated by plot.py at 2018-04-24 14:35:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 264.14 Mbit/s
95th percentile per-packet one-way delay: 0.867 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 264.14 Mbit/s
95th percentile per-packet one-way delay: 0.867 ms
Loss rate: 0.07%
```

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

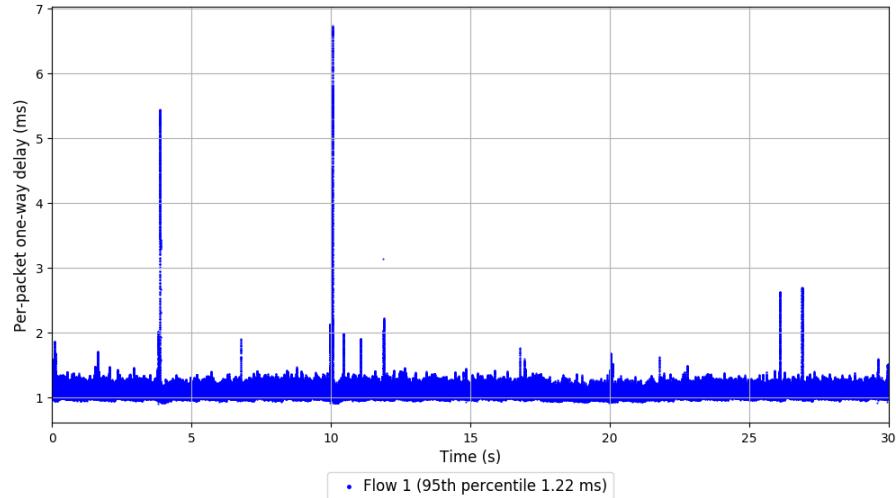
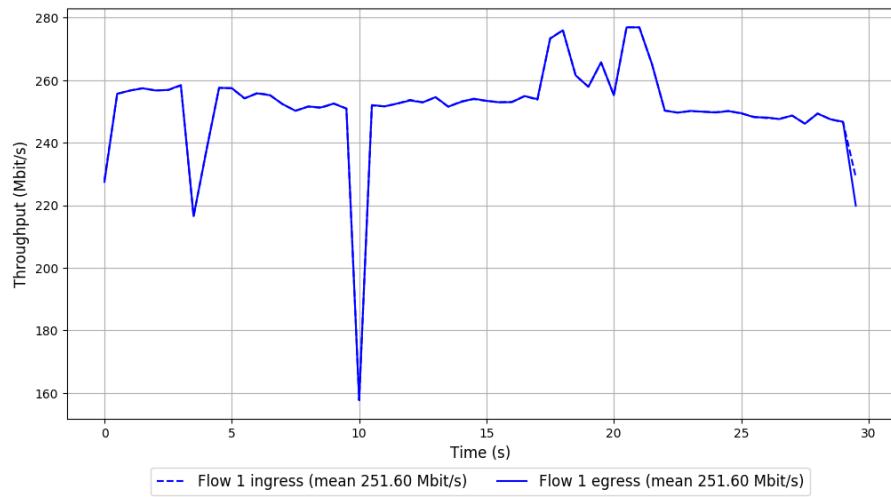


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-04-24 06:38:02
End at: 2018-04-24 06:38:32
Local clock offset: -1.457 ms
Remote clock offset: -7.118 ms

# Below is generated by plot.py at 2018-04-24 14:35:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.60 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 251.60 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.06%
```

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

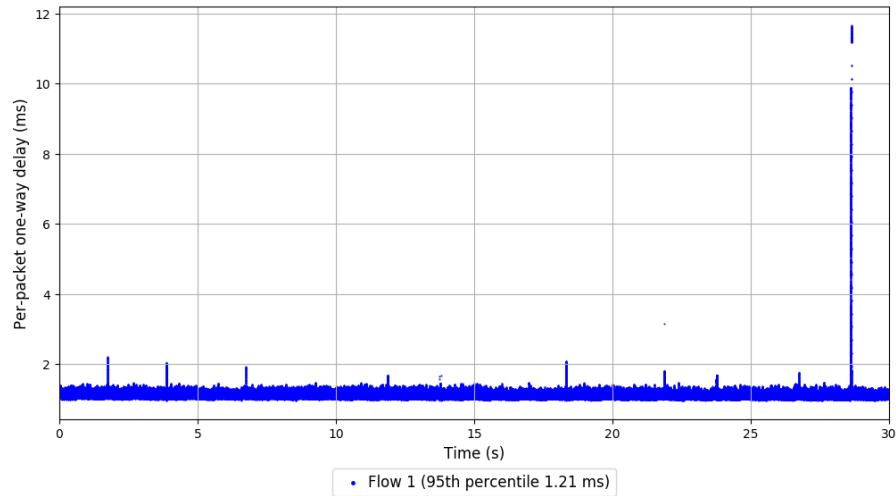
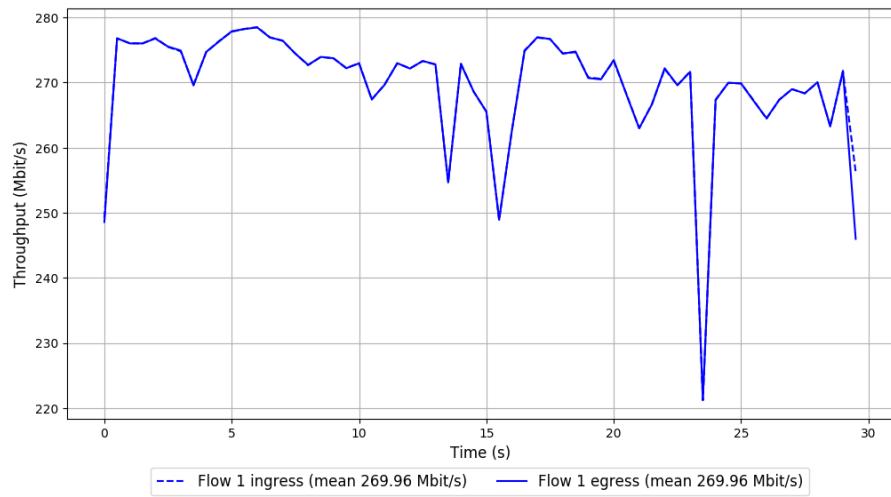


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-04-24 07:03:28
End at: 2018-04-24 07:03:58
Local clock offset: 0.741 ms
Remote clock offset: -7.607 ms

# Below is generated by plot.py at 2018-04-24 14:35:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 269.96 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 269.96 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.07%
```

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

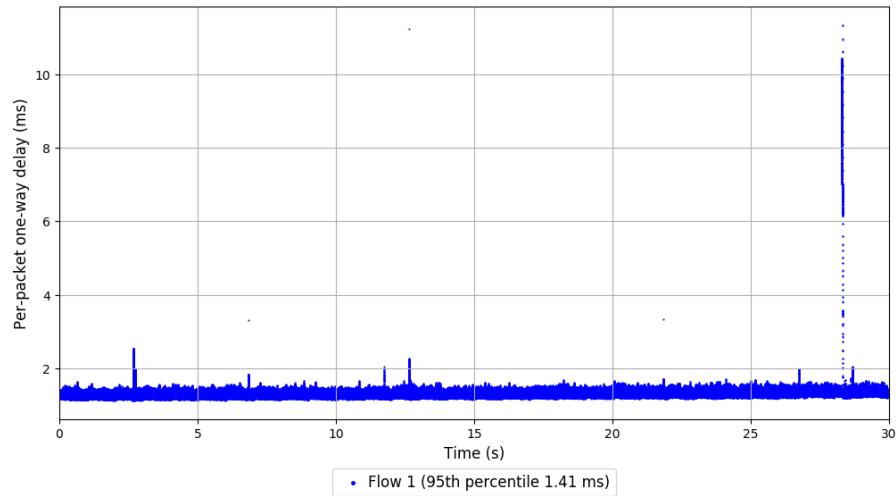
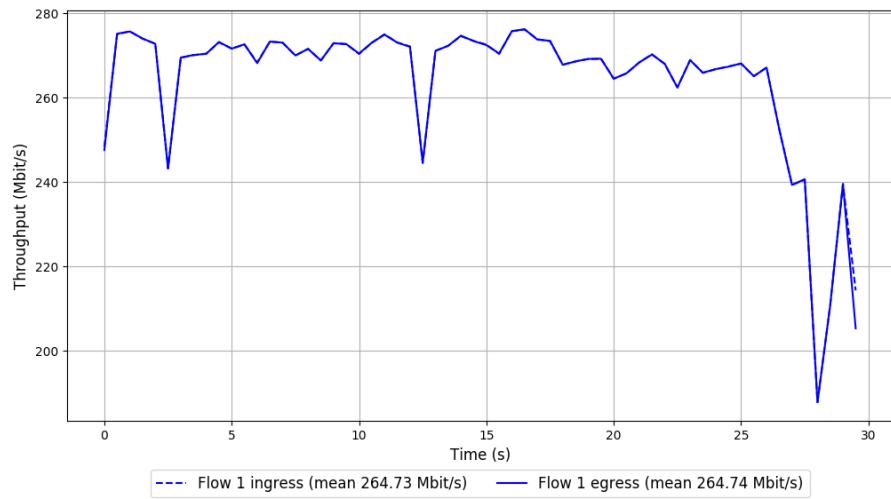


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-04-24 07:28:48
End at: 2018-04-24 07:29:18
Local clock offset: -0.185 ms
Remote clock offset: -5.055 ms

# Below is generated by plot.py at 2018-04-24 14:35:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 264.74 Mbit/s
95th percentile per-packet one-way delay: 1.410 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 264.74 Mbit/s
95th percentile per-packet one-way delay: 1.410 ms
Loss rate: 0.06%
```

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

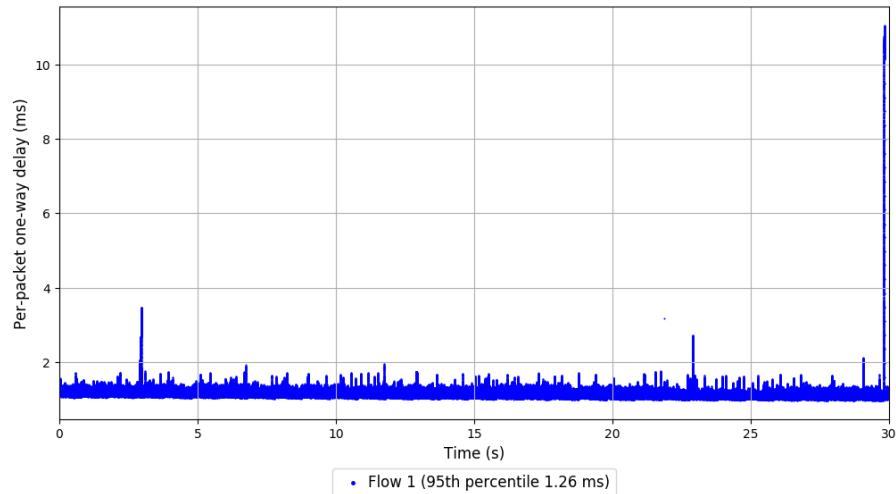
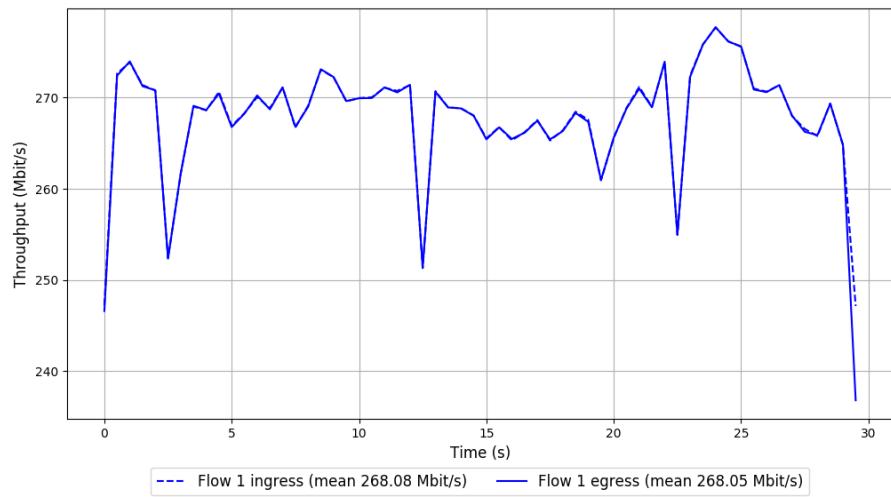


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-04-24 07:54:08
End at: 2018-04-24 07:54:38
Local clock offset: -1.802 ms
Remote clock offset: -6.02 ms

# Below is generated by plot.py at 2018-04-24 14:41:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 268.05 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 268.05 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.08%
```

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

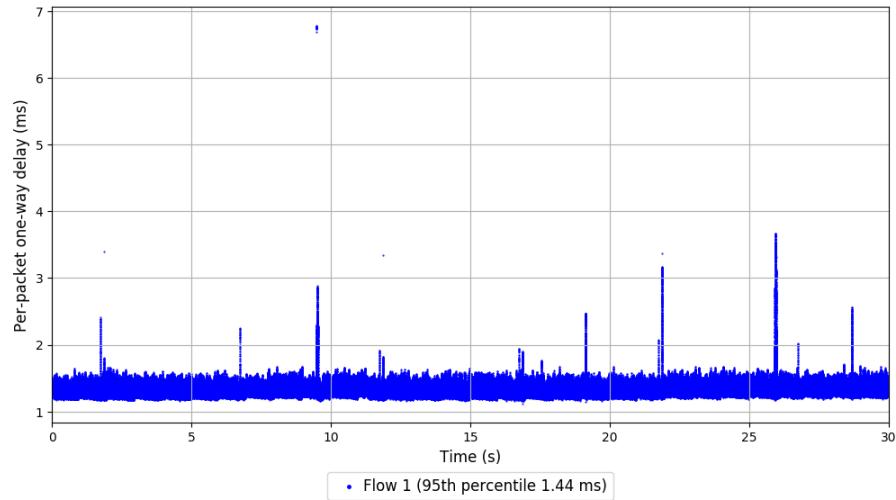
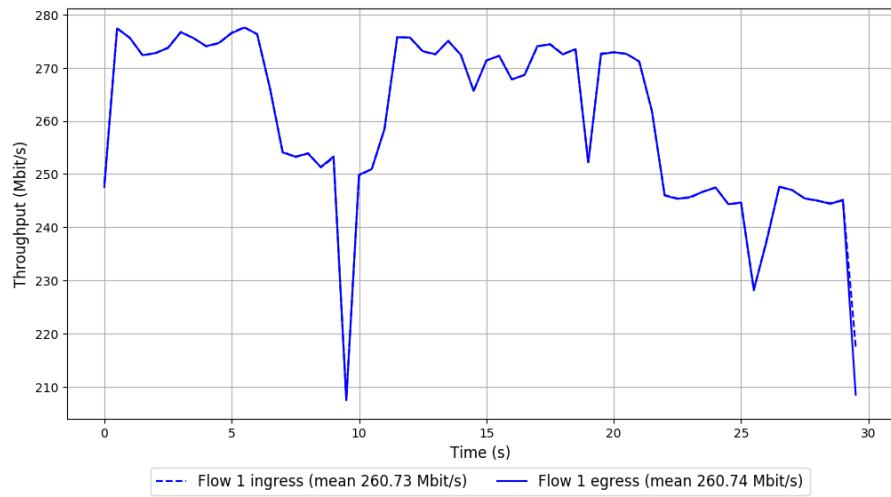


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-04-24 08:19:31
End at: 2018-04-24 08:20:01
Local clock offset: -1.014 ms
Remote clock offset: -6.265 ms

# Below is generated by plot.py at 2018-04-24 14:42:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 260.74 Mbit/s
95th percentile per-packet one-way delay: 1.444 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 260.74 Mbit/s
95th percentile per-packet one-way delay: 1.444 ms
Loss rate: 0.06%
```

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

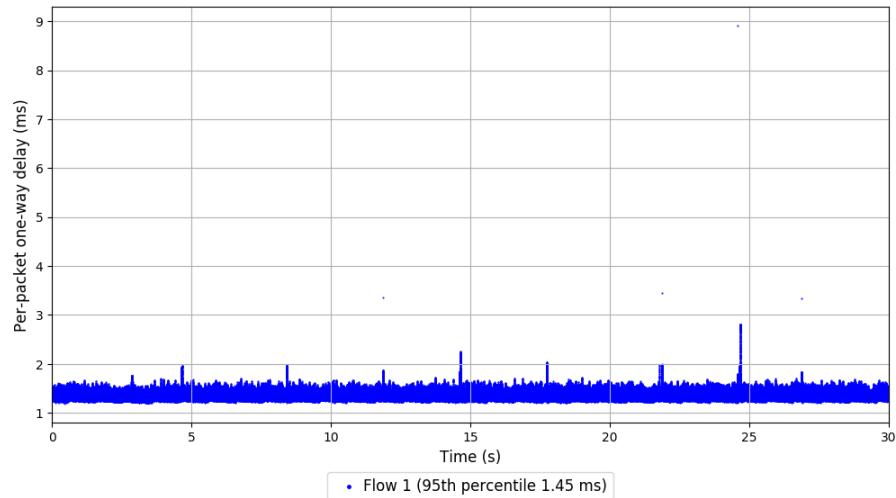
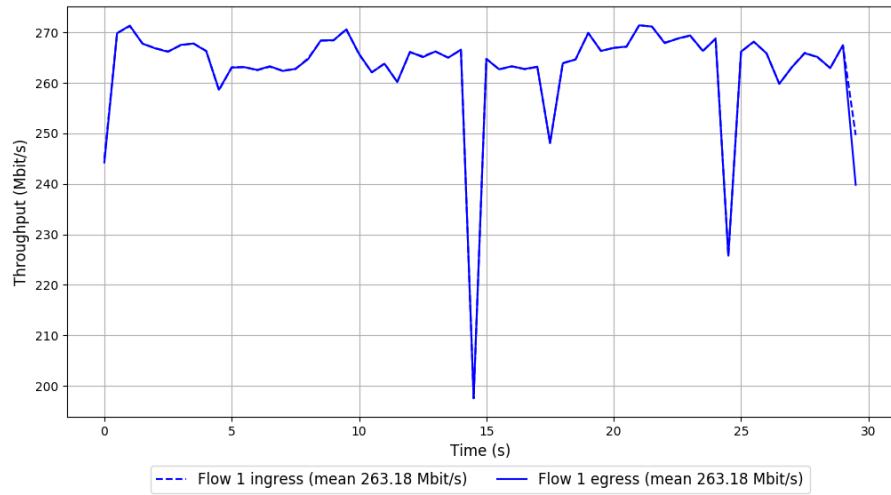


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-04-24 08:44:45
End at: 2018-04-24 08:45:15
Local clock offset: -0.53 ms
Remote clock offset: -6.376 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 263.18 Mbit/s
95th percentile per-packet one-way delay: 1.446 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 263.18 Mbit/s
95th percentile per-packet one-way delay: 1.446 ms
Loss rate: 0.07%
```

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

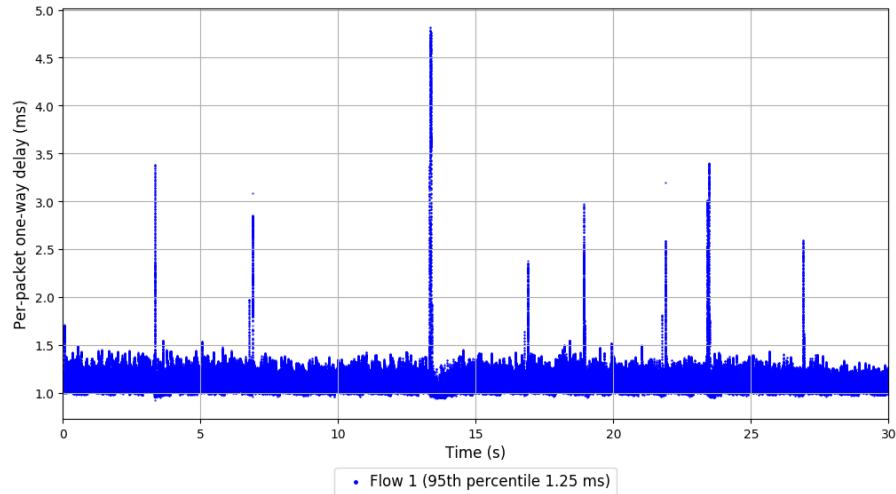
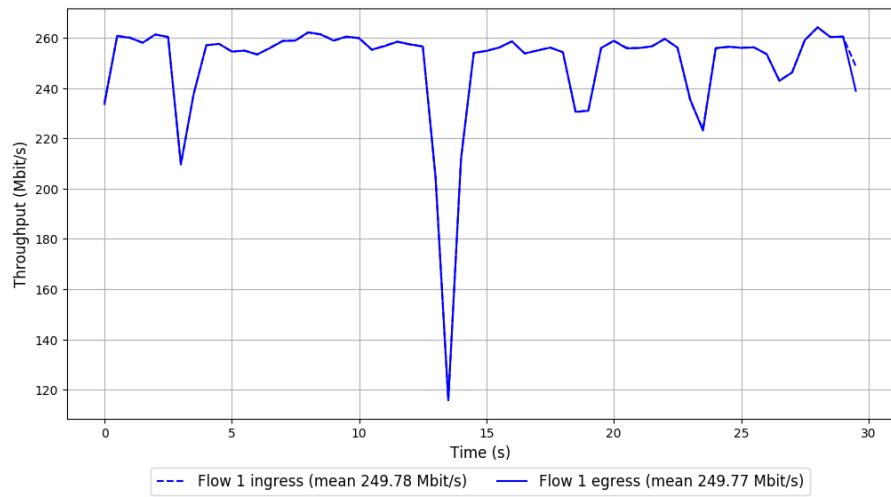


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-04-24 09:09:56
End at: 2018-04-24 09:10:26
Local clock offset: -0.481 ms
Remote clock offset: -5.247 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.77 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 249.77 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.07%
```

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

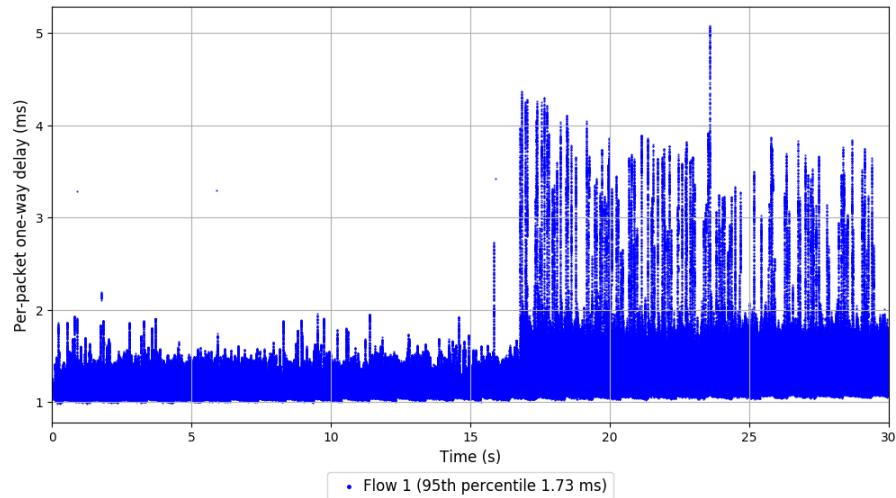
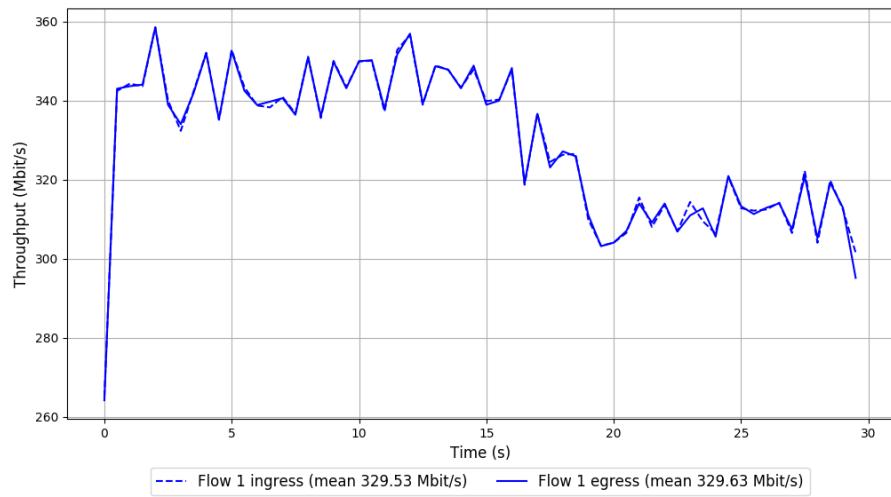


Run 1: Statistics of TCP Vegas

```
Start at: 2018-04-24 05:29:49
End at: 2018-04-24 05:30:19
Local clock offset: -1.201 ms
Remote clock offset: -5.131 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 329.63 Mbit/s
95th percentile per-packet one-way delay: 1.727 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 329.63 Mbit/s
95th percentile per-packet one-way delay: 1.727 ms
Loss rate: 0.04%
```

Run 1: Report of TCP Vegas — Data Link

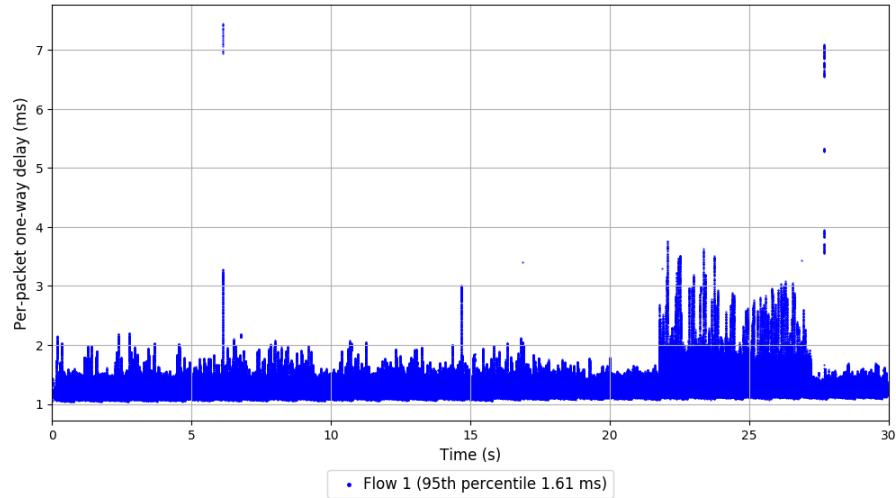
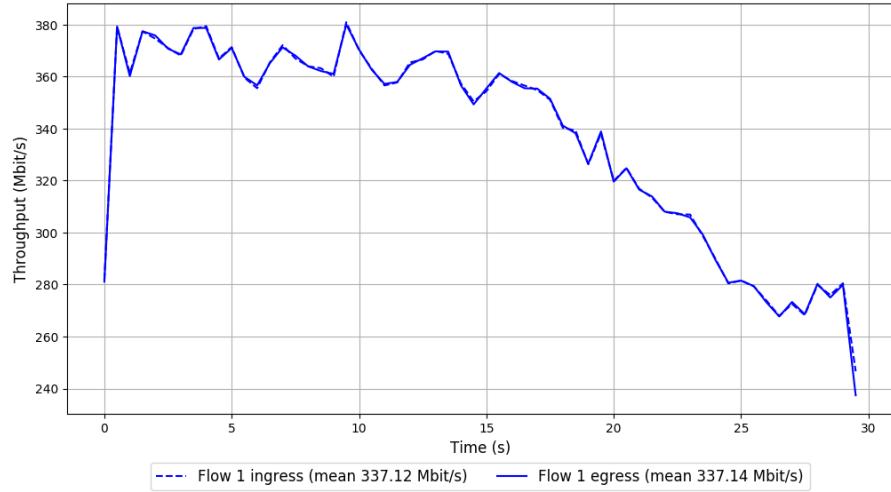


Run 2: Statistics of TCP Vegas

```
Start at: 2018-04-24 05:55:13
End at: 2018-04-24 05:55:43
Local clock offset: -2.048 ms
Remote clock offset: -4.976 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 337.14 Mbit/s
95th percentile per-packet one-way delay: 1.607 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 337.14 Mbit/s
95th percentile per-packet one-way delay: 1.607 ms
Loss rate: 0.05%
```

Run 2: Report of TCP Vegas — Data Link

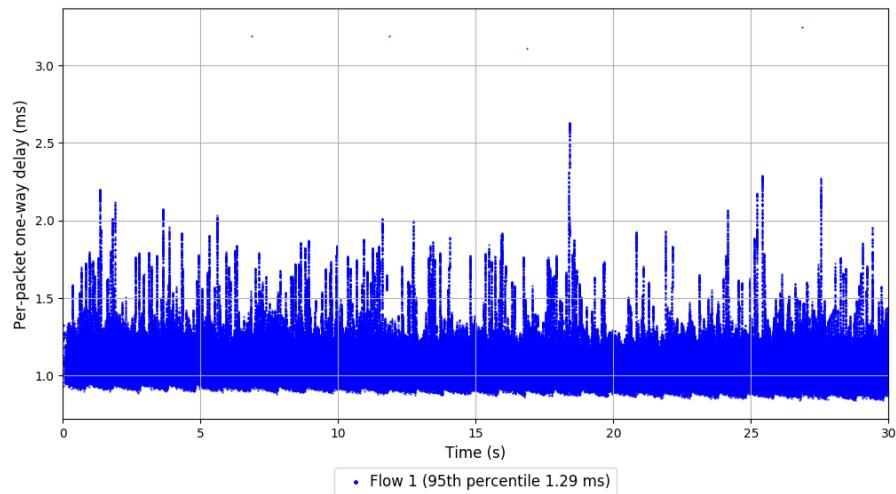
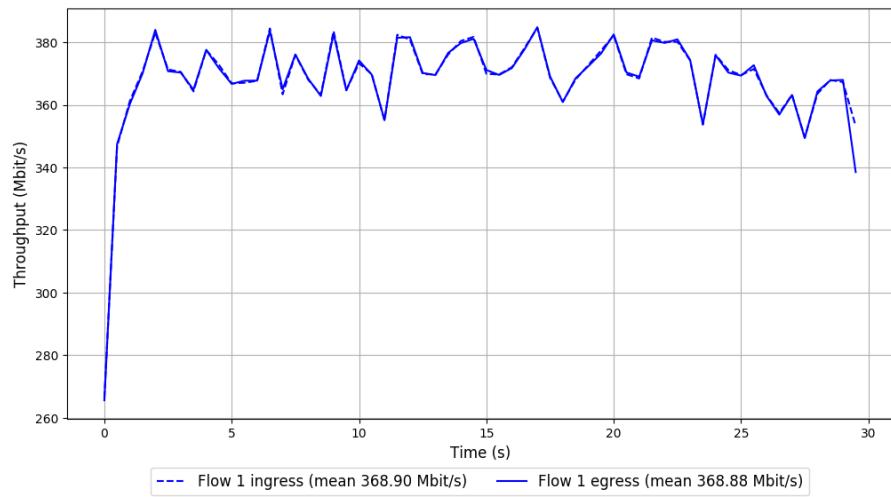


Run 3: Statistics of TCP Vegas

```
Start at: 2018-04-24 06:20:29
End at: 2018-04-24 06:20:59
Local clock offset: -1.679 ms
Remote clock offset: -6.763 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 368.88 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 368.88 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.07%
```

Run 3: Report of TCP Vegas — Data Link

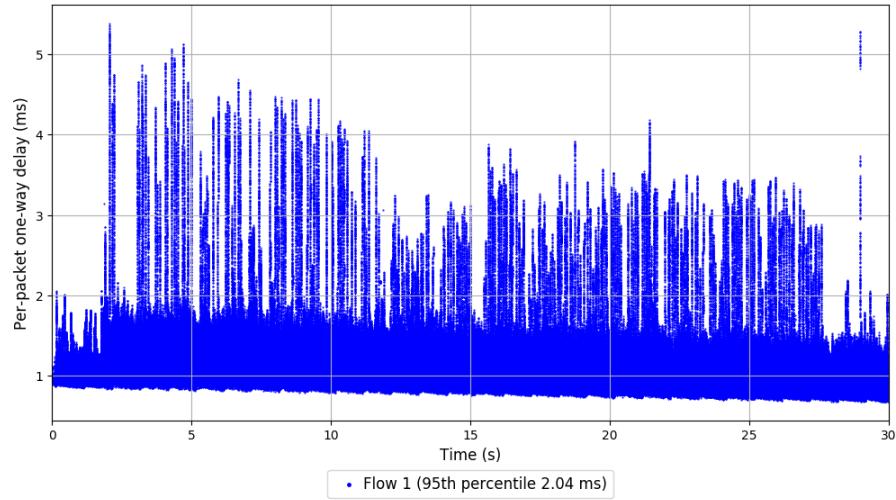
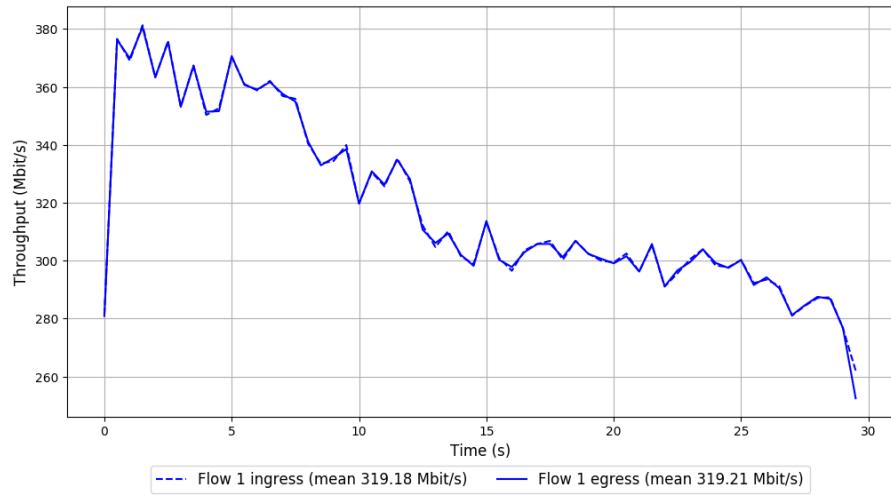


Run 4: Statistics of TCP Vegas

```
Start at: 2018-04-24 06:45:50
End at: 2018-04-24 06:46:20
Local clock offset: -1.737 ms
Remote clock offset: -7.189 ms

# Below is generated by plot.py at 2018-04-24 14:42:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 319.21 Mbit/s
95th percentile per-packet one-way delay: 2.045 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 319.21 Mbit/s
95th percentile per-packet one-way delay: 2.045 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Vegas — Data Link

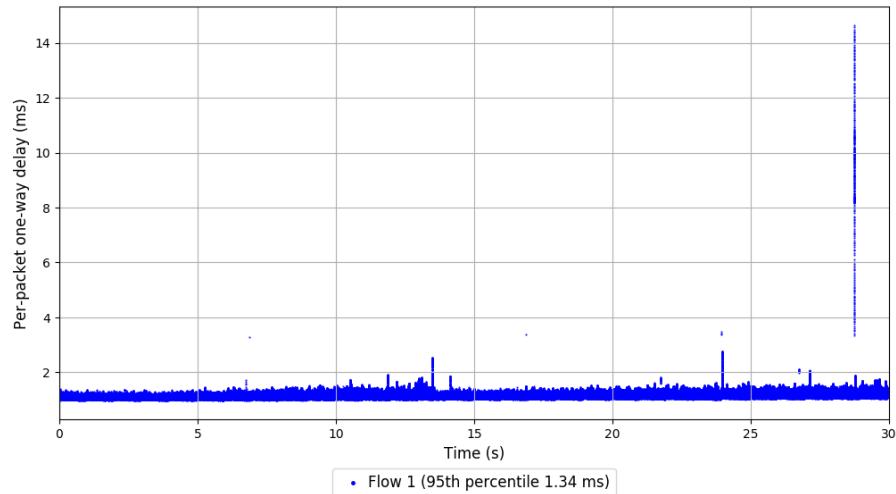
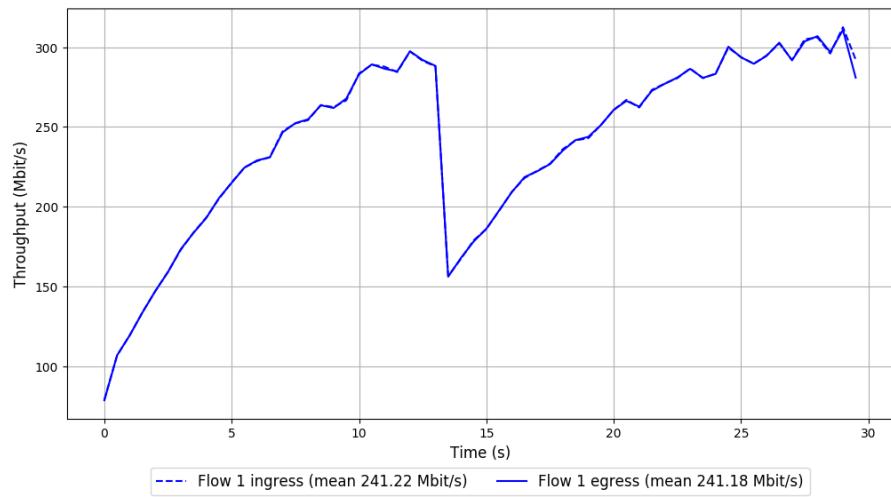


Run 5: Statistics of TCP Vegas

```
Start at: 2018-04-24 07:11:21
End at: 2018-04-24 07:11:51
Local clock offset: 0.89 ms
Remote clock offset: -6.356 ms

# Below is generated by plot.py at 2018-04-24 14:44:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 241.18 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 241.18 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.09%
```

Run 5: Report of TCP Vegas — Data Link

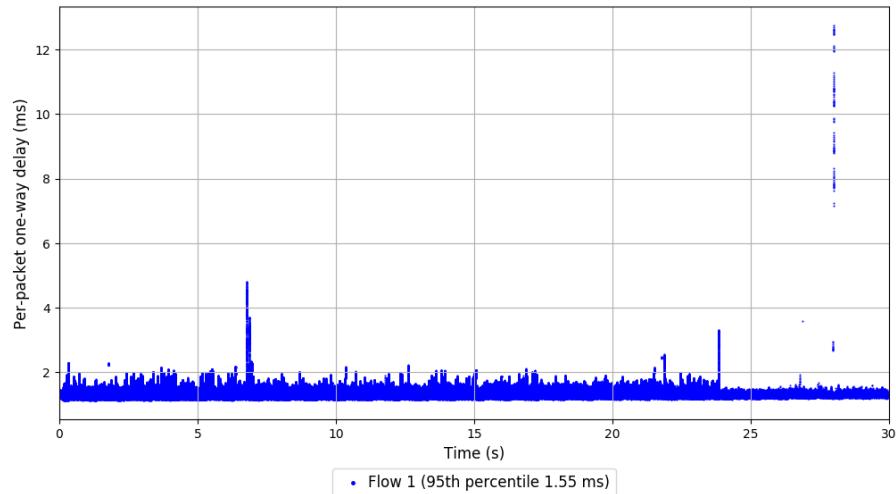
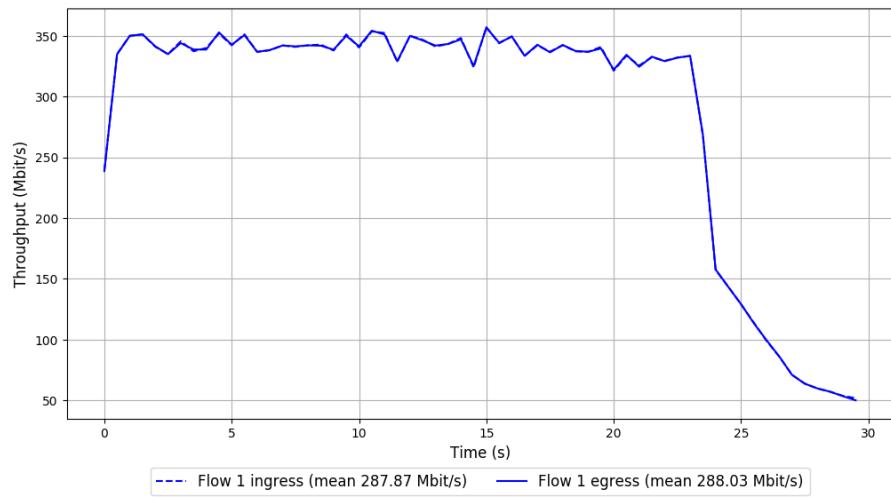


Run 6: Statistics of TCP Vegas

```
Start at: 2018-04-24 07:36:36
End at: 2018-04-24 07:37:06
Local clock offset: -0.777 ms
Remote clock offset: -4.808 ms

# Below is generated by plot.py at 2018-04-24 14:44:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 288.03 Mbit/s
95th percentile per-packet one-way delay: 1.550 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 288.03 Mbit/s
95th percentile per-packet one-way delay: 1.550 ms
Loss rate: 0.01%
```

Run 6: Report of TCP Vegas — Data Link

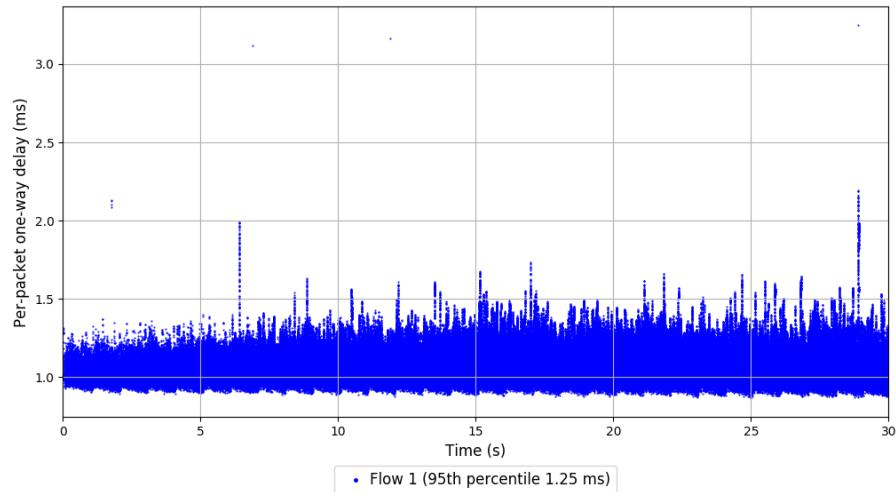
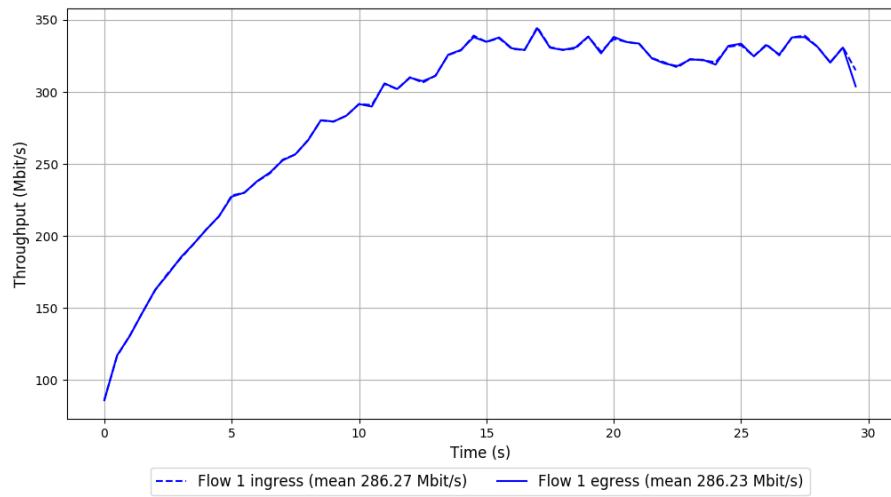


Run 7: Statistics of TCP Vegas

```
Start at: 2018-04-24 08:01:53
End at: 2018-04-24 08:02:23
Local clock offset: -1.305 ms
Remote clock offset: -6.219 ms

# Below is generated by plot.py at 2018-04-24 14:44:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 286.23 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 286.23 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.07%
```

Run 7: Report of TCP Vegas — Data Link

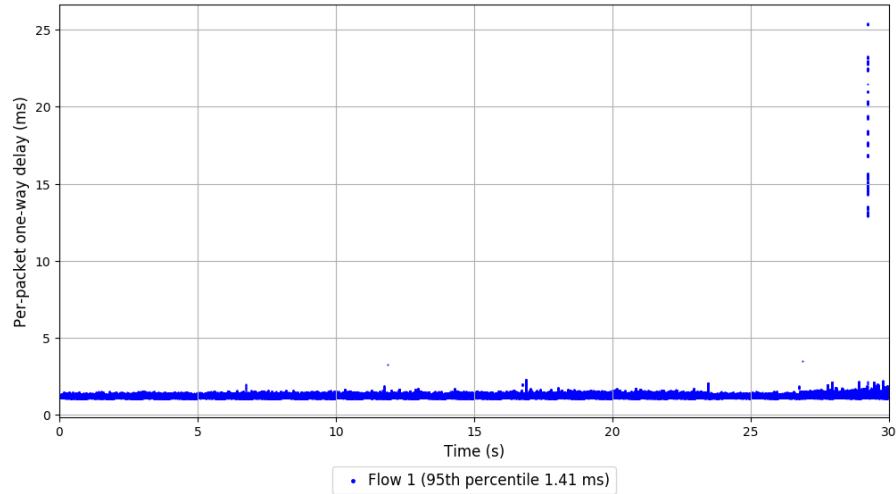
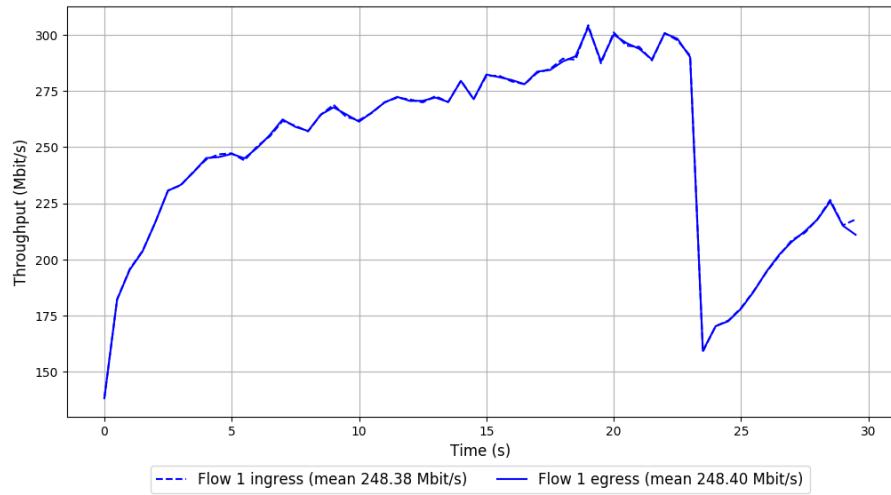


Run 8: Statistics of TCP Vegas

```
Start at: 2018-04-24 08:27:20
End at: 2018-04-24 08:27:50
Local clock offset: -1.346 ms
Remote clock offset: -6.357 ms

# Below is generated by plot.py at 2018-04-24 14:44:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 248.40 Mbit/s
95th percentile per-packet one-way delay: 1.412 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 248.40 Mbit/s
95th percentile per-packet one-way delay: 1.412 ms
Loss rate: 0.06%
```

Run 8: Report of TCP Vegas — Data Link

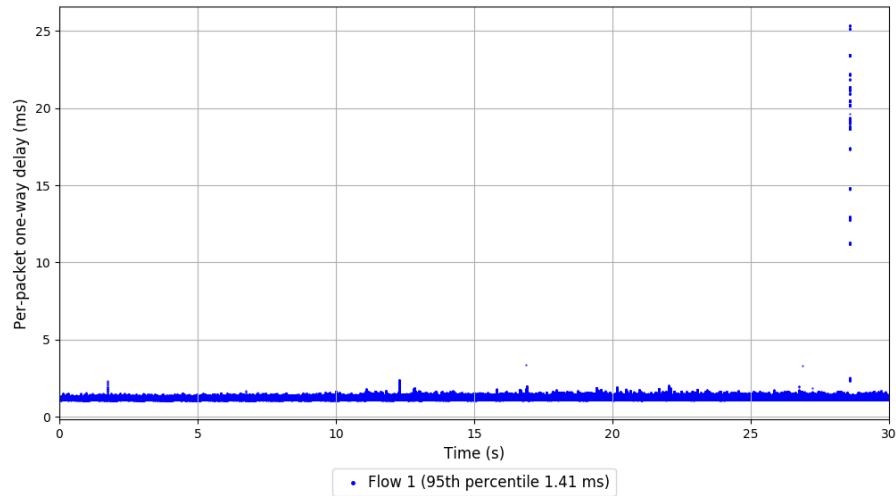
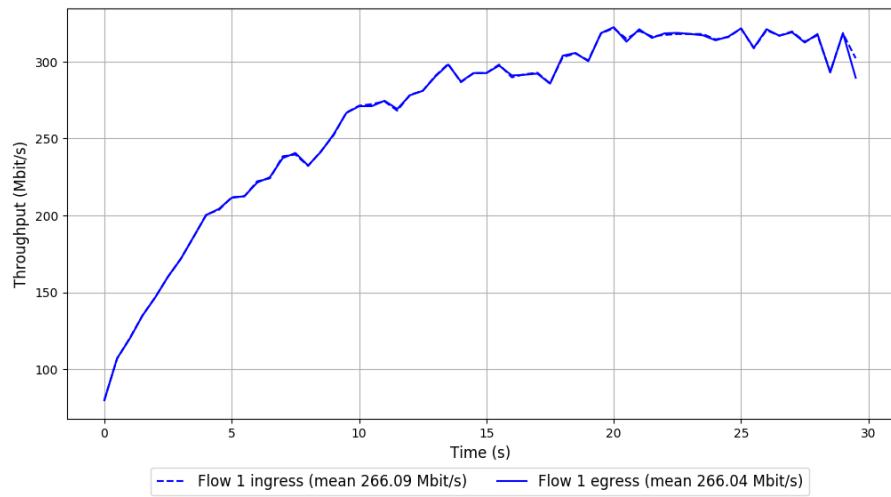


Run 9: Statistics of TCP Vegas

```
Start at: 2018-04-24 08:52:30
End at: 2018-04-24 08:53:00
Local clock offset: -0.688 ms
Remote clock offset: -5.979 ms

# Below is generated by plot.py at 2018-04-24 14:45:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 266.04 Mbit/s
95th percentile per-packet one-way delay: 1.411 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 266.04 Mbit/s
95th percentile per-packet one-way delay: 1.411 ms
Loss rate: 0.08%
```

Run 9: Report of TCP Vegas — Data Link

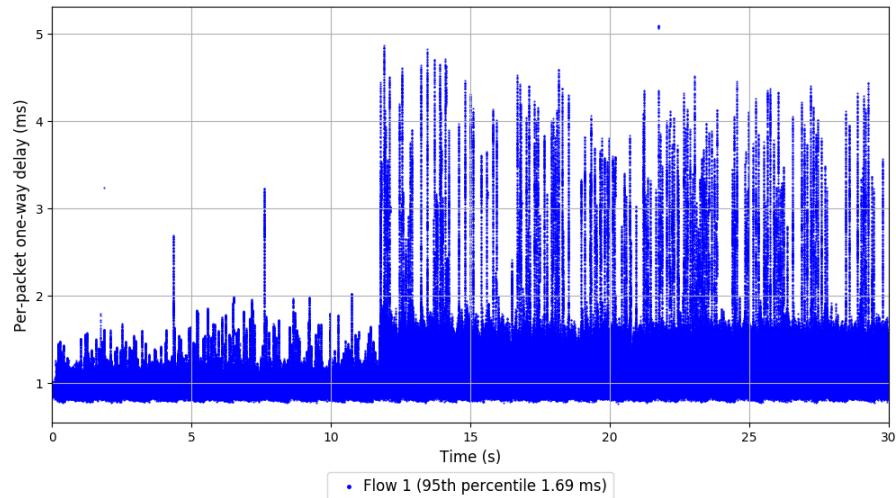
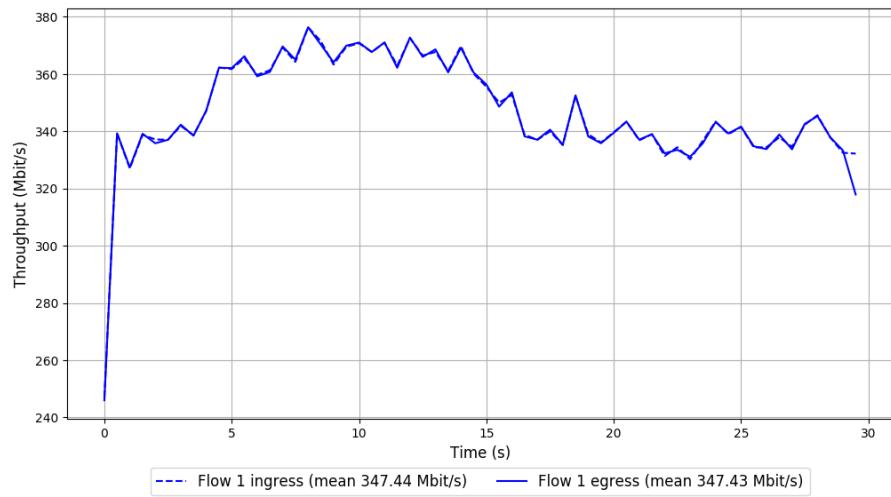


Run 10: Statistics of TCP Vegas

```
Start at: 2018-04-24 09:17:48
End at: 2018-04-24 09:18:18
Local clock offset: -0.431 ms
Remote clock offset: -5.043 ms

# Below is generated by plot.py at 2018-04-24 14:47:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 347.43 Mbit/s
95th percentile per-packet one-way delay: 1.692 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 347.43 Mbit/s
95th percentile per-packet one-way delay: 1.692 ms
Loss rate: 0.07%
```

Run 10: Report of TCP Vegas — Data Link

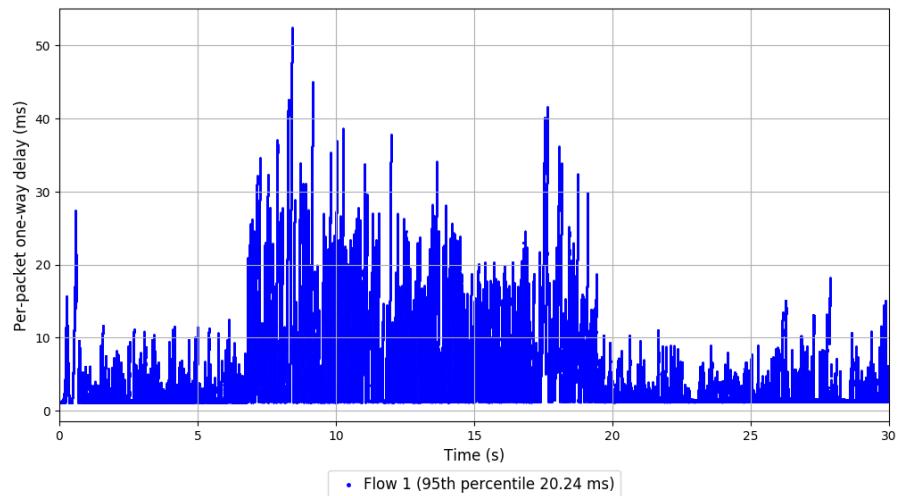
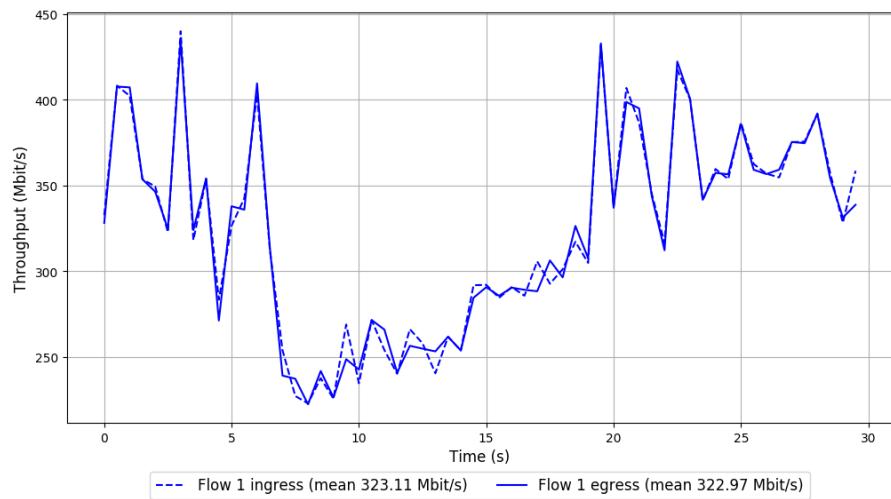


Run 1: Statistics of Verus

```
Start at: 2018-04-24 05:17:48
End at: 2018-04-24 05:18:19
Local clock offset: -0.73 ms
Remote clock offset: -5.104 ms

# Below is generated by plot.py at 2018-04-24 14:47:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 322.97 Mbit/s
95th percentile per-packet one-way delay: 20.243 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 322.97 Mbit/s
95th percentile per-packet one-way delay: 20.243 ms
Loss rate: 0.11%
```

Run 1: Report of Verus — Data Link

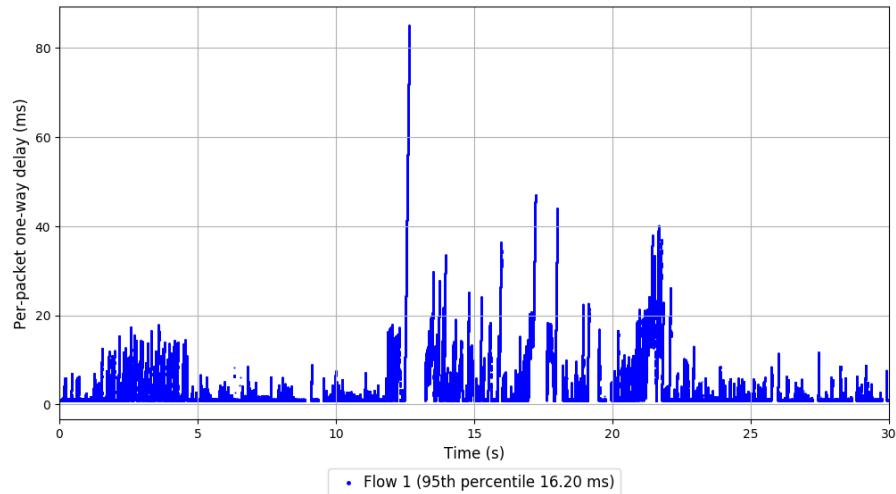
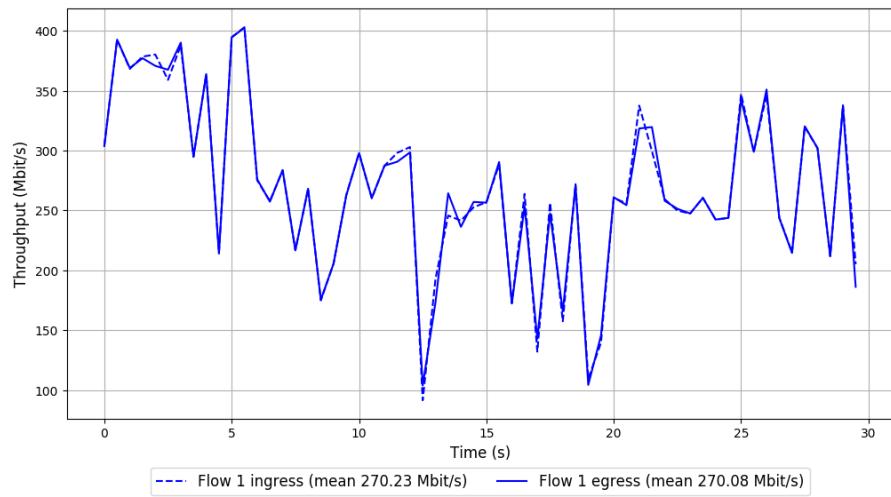


Run 2: Statistics of Verus

```
Start at: 2018-04-24 05:43:16
End at: 2018-04-24 05:43:46
Local clock offset: -1.71 ms
Remote clock offset: -5.028 ms

# Below is generated by plot.py at 2018-04-24 14:47:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 270.08 Mbit/s
95th percentile per-packet one-way delay: 16.205 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 270.08 Mbit/s
95th percentile per-packet one-way delay: 16.205 ms
Loss rate: 0.12%
```

Run 2: Report of Verus — Data Link

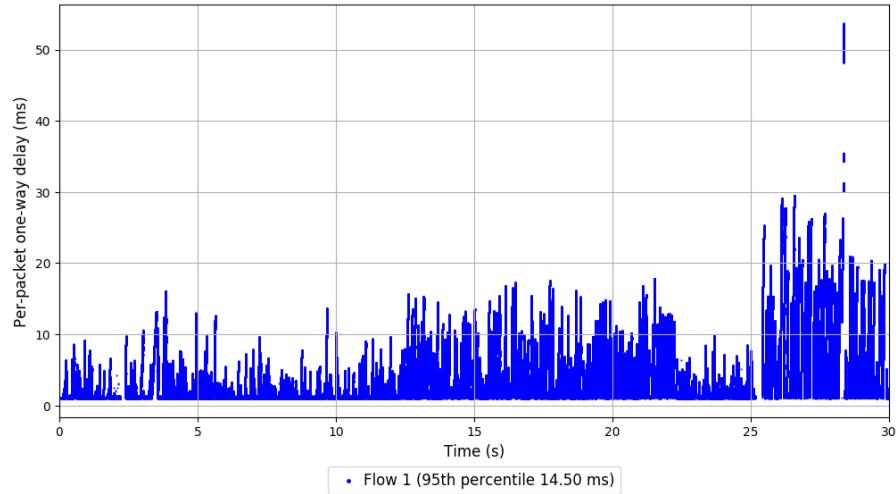
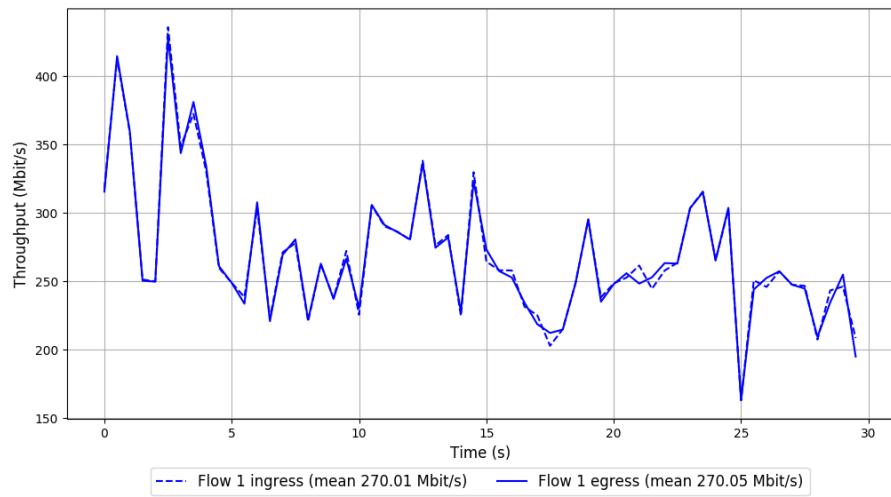


Run 3: Statistics of Verus

```
Start at: 2018-04-24 06:08:34
End at: 2018-04-24 06:09:04
Local clock offset: -3.56 ms
Remote clock offset: -6.232 ms

# Below is generated by plot.py at 2018-04-24 14:48:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 270.05 Mbit/s
95th percentile per-packet one-way delay: 14.497 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 270.05 Mbit/s
95th percentile per-packet one-way delay: 14.497 ms
Loss rate: 0.08%
```

Run 3: Report of Verus — Data Link

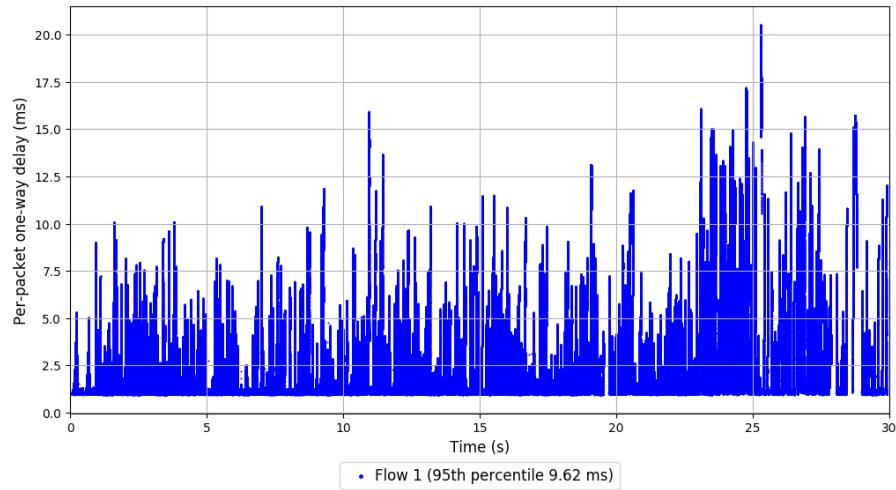
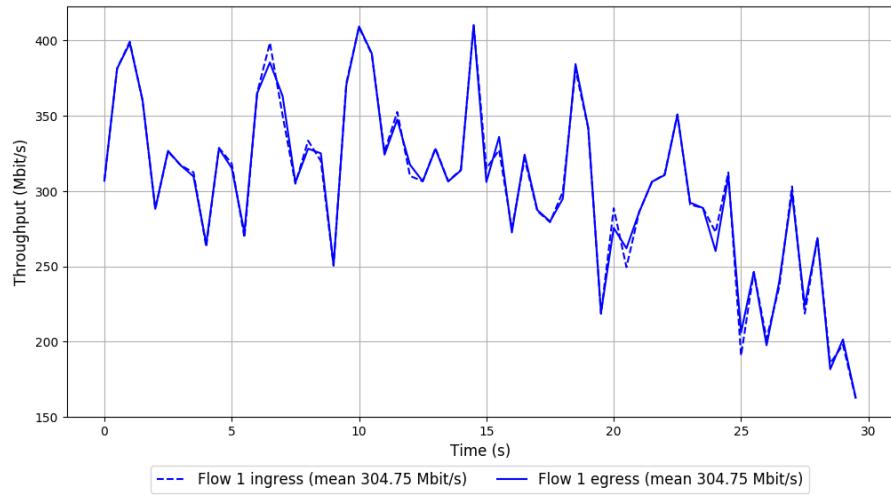


Run 4: Statistics of Verus

```
Start at: 2018-04-24 06:33:52
End at: 2018-04-24 06:34:22
Local clock offset: -1.319 ms
Remote clock offset: -7.071 ms

# Below is generated by plot.py at 2018-04-24 14:49:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 304.75 Mbit/s
95th percentile per-packet one-way delay: 9.618 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 304.75 Mbit/s
95th percentile per-packet one-way delay: 9.618 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

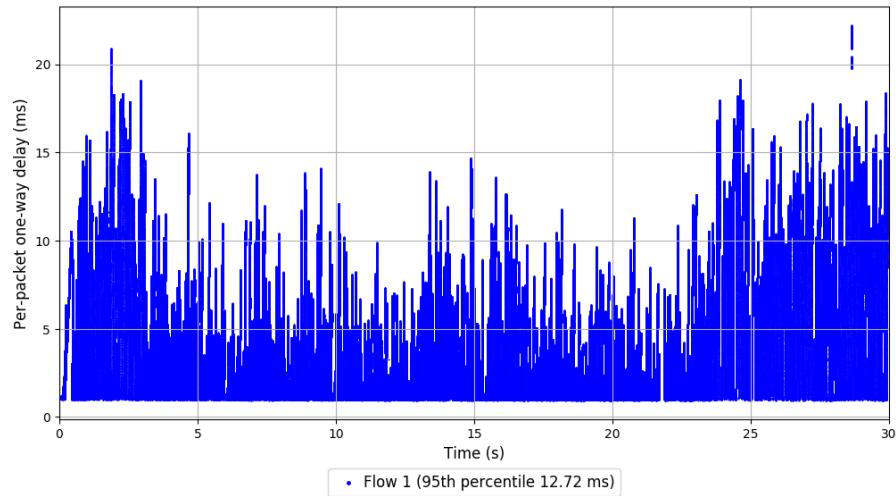
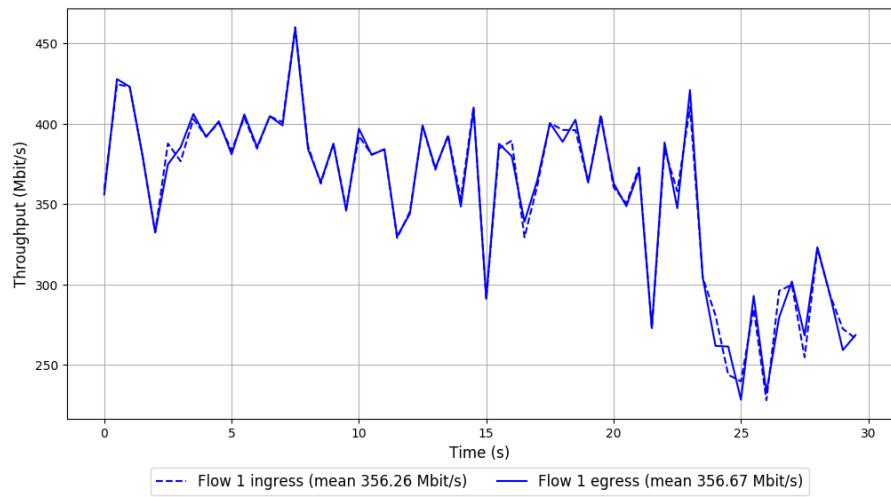


Run 5: Statistics of Verus

```
Start at: 2018-04-24 06:59:16
End at: 2018-04-24 06:59:46
Local clock offset: 0.543 ms
Remote clock offset: -7.527 ms

# Below is generated by plot.py at 2018-04-24 14:50:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 356.67 Mbit/s
95th percentile per-packet one-way delay: 12.716 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 356.67 Mbit/s
95th percentile per-packet one-way delay: 12.716 ms
Loss rate: 0.05%
```

Run 5: Report of Verus — Data Link

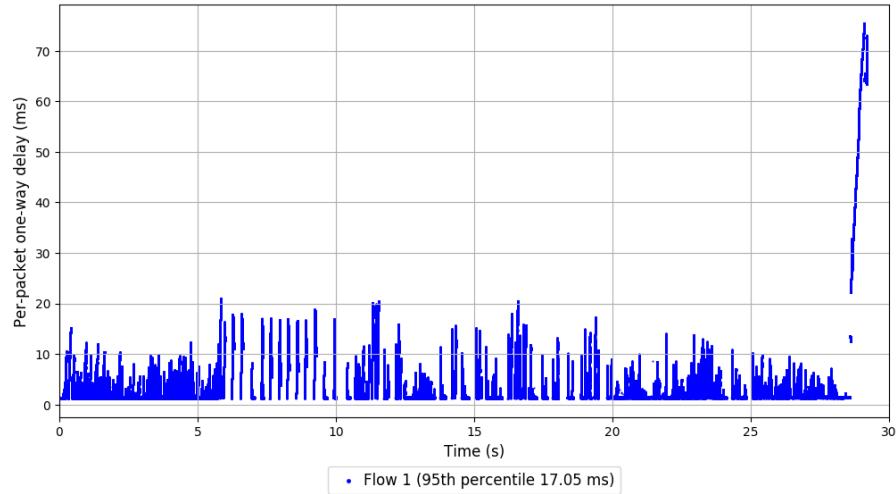
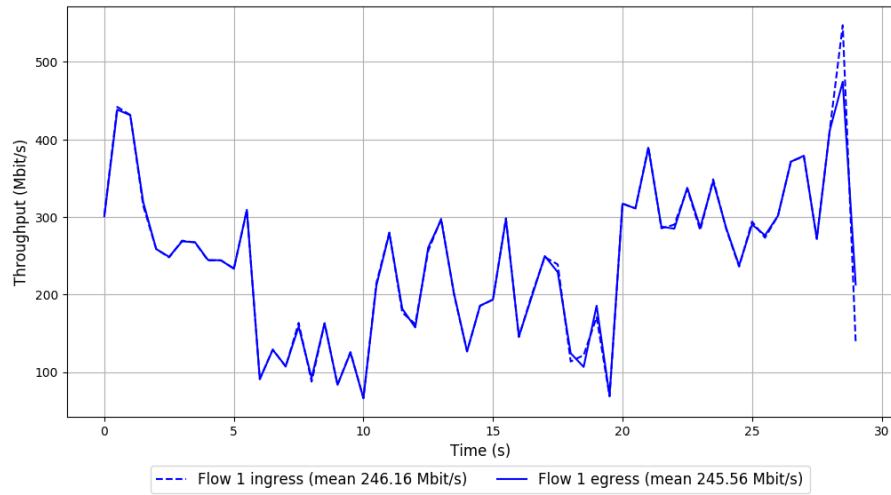


Run 6: Statistics of Verus

```
Start at: 2018-04-24 07:24:42
End at: 2018-04-24 07:25:12
Local clock offset: 0.267 ms
Remote clock offset: -5.238 ms

# Below is generated by plot.py at 2018-04-24 14:50:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 245.56 Mbit/s
95th percentile per-packet one-way delay: 17.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 245.56 Mbit/s
95th percentile per-packet one-way delay: 17.051 ms
Loss rate: 0.00%
```

Run 6: Report of Verus — Data Link

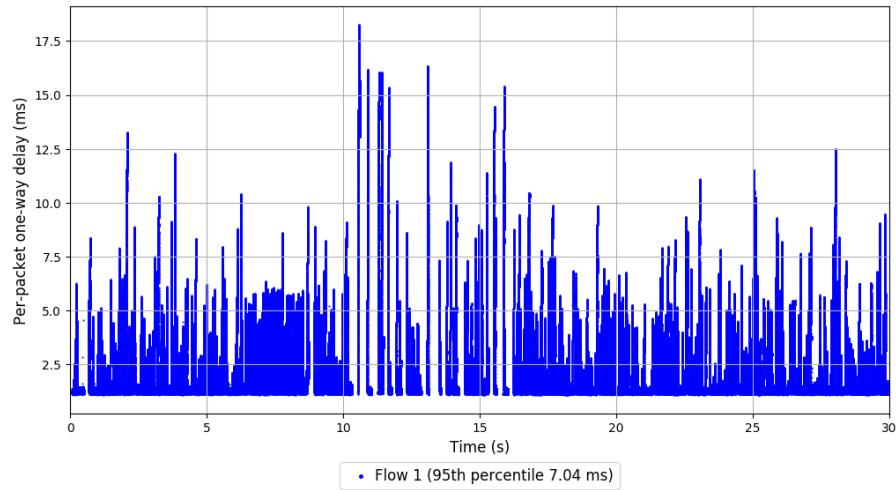
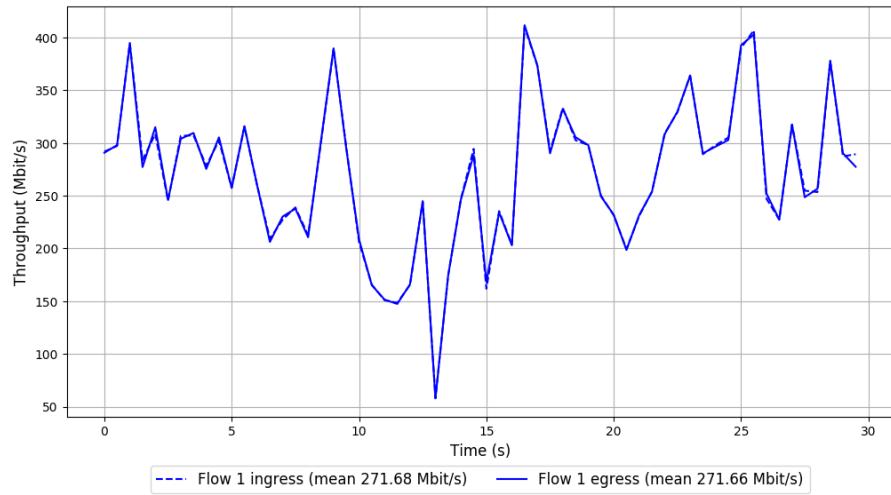


Run 7: Statistics of Verus

```
Start at: 2018-04-24 07:50:00
End at: 2018-04-24 07:50:30
Local clock offset: -1.574 ms
Remote clock offset: -5.782 ms

# Below is generated by plot.py at 2018-04-24 14:50:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 271.66 Mbit/s
95th percentile per-packet one-way delay: 7.041 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 271.66 Mbit/s
95th percentile per-packet one-way delay: 7.041 ms
Loss rate: 0.08%
```

Run 7: Report of Verus — Data Link

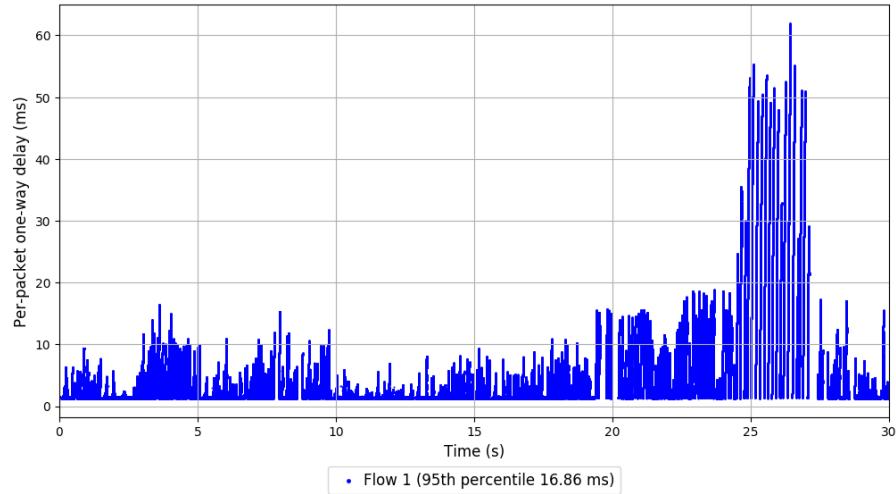
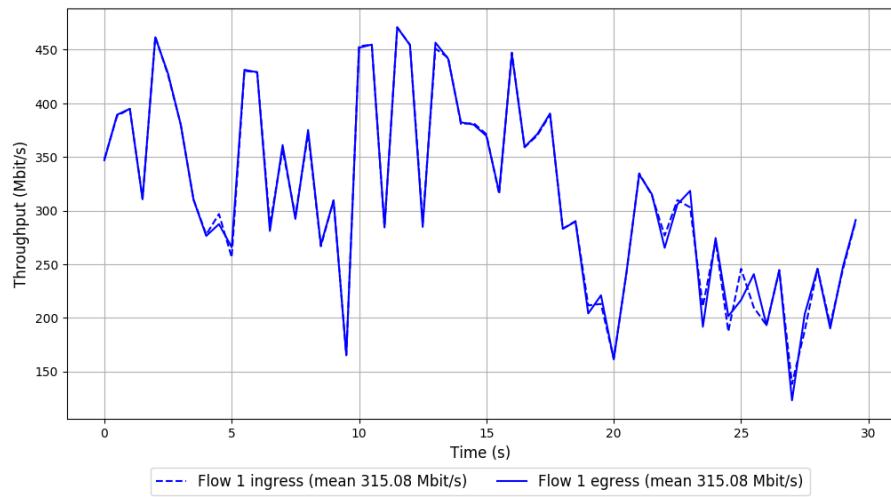


Run 8: Statistics of Verus

```
Start at: 2018-04-24 08:15:21
End at: 2018-04-24 08:15:51
Local clock offset: -0.938 ms
Remote clock offset: -6.318 ms

# Below is generated by plot.py at 2018-04-24 14:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 315.08 Mbit/s
95th percentile per-packet one-way delay: 16.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 315.08 Mbit/s
95th percentile per-packet one-way delay: 16.857 ms
Loss rate: 0.00%
```

Run 8: Report of Verus — Data Link

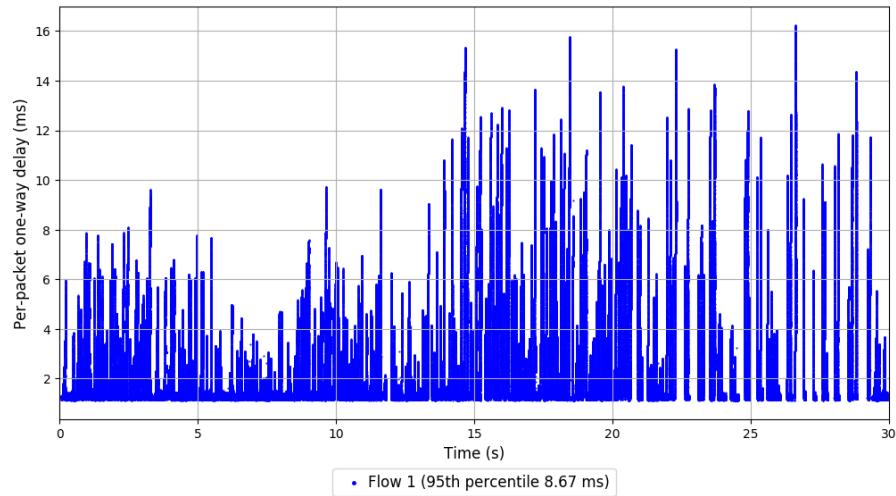
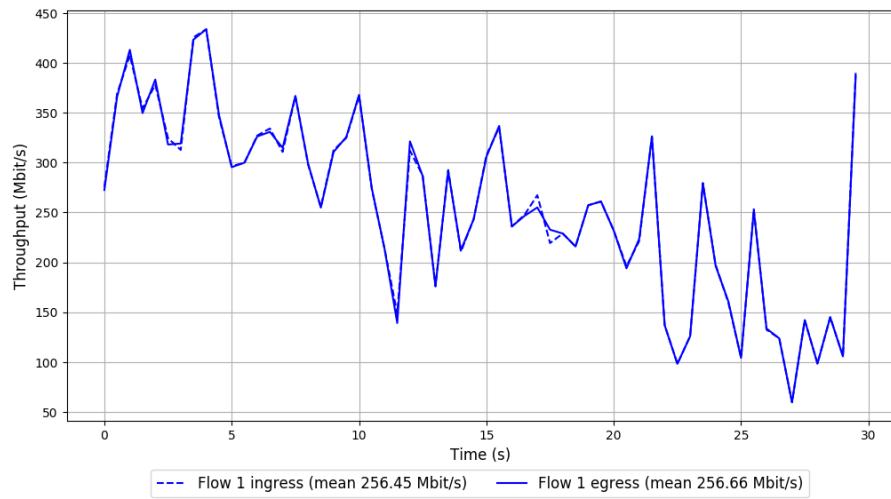


Run 9: Statistics of Verus

```
Start at: 2018-04-24 08:40:38
End at: 2018-04-24 08:41:08
Local clock offset: -0.573 ms
Remote clock offset: -6.301 ms

# Below is generated by plot.py at 2018-04-24 14:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 256.66 Mbit/s
95th percentile per-packet one-way delay: 8.673 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 256.66 Mbit/s
95th percentile per-packet one-way delay: 8.673 ms
Loss rate: 0.02%
```

Run 9: Report of Verus — Data Link

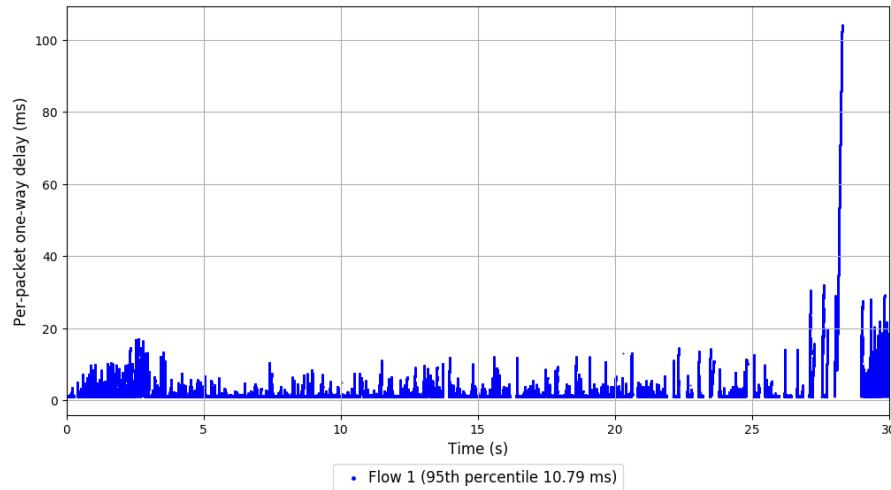
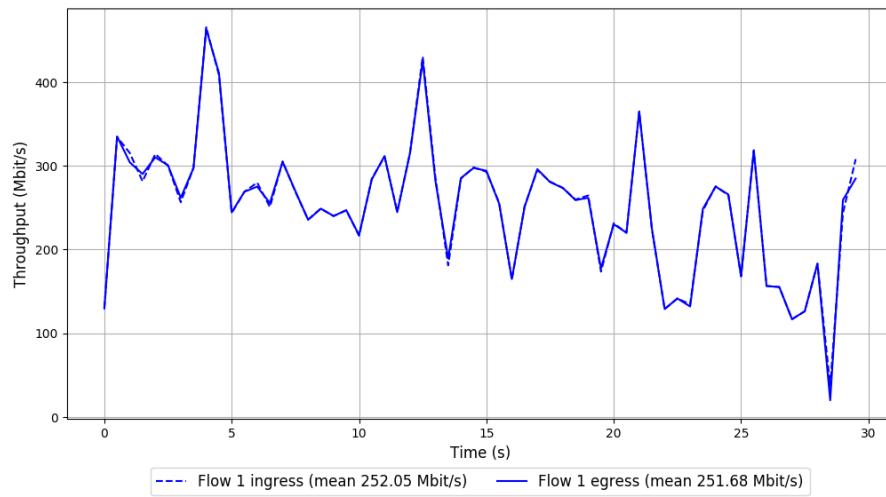


Run 10: Statistics of Verus

```
Start at: 2018-04-24 09:05:49
End at: 2018-04-24 09:06:19
Local clock offset: -0.614 ms
Remote clock offset: -5.388 ms

# Below is generated by plot.py at 2018-04-24 14:51:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.68 Mbit/s
95th percentile per-packet one-way delay: 10.787 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 251.68 Mbit/s
95th percentile per-packet one-way delay: 10.787 ms
Loss rate: 0.16%
```

Run 10: Report of Verus — Data Link

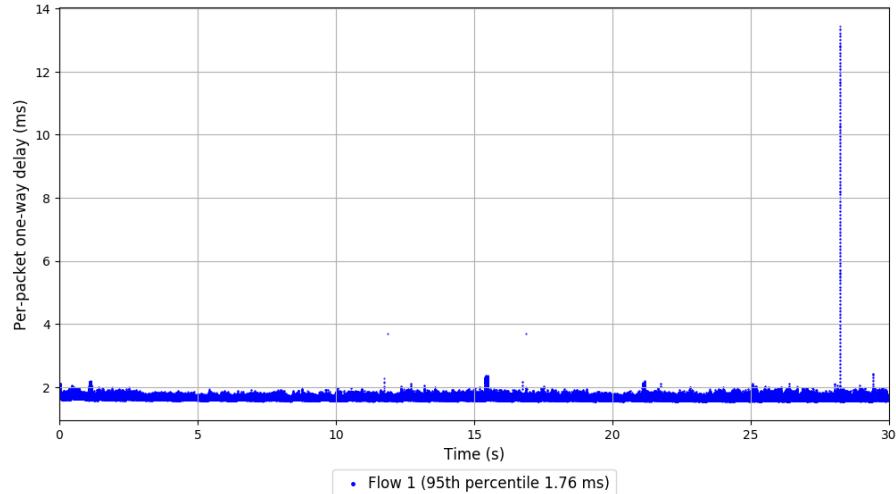


Run 1: Statistics of Copa

```
Start at: 2018-04-24 05:07:32
End at: 2018-04-24 05:08:02
Local clock offset: -0.011 ms
Remote clock offset: -5.378 ms

# Below is generated by plot.py at 2018-04-24 14:51:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 1.763 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 1.763 ms
Loss rate: 0.06%
```

Run 1: Report of Copa — Data Link

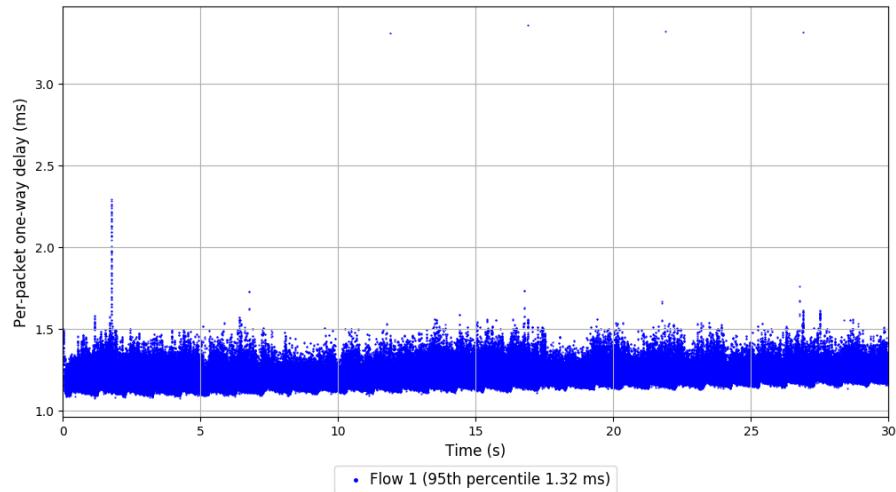
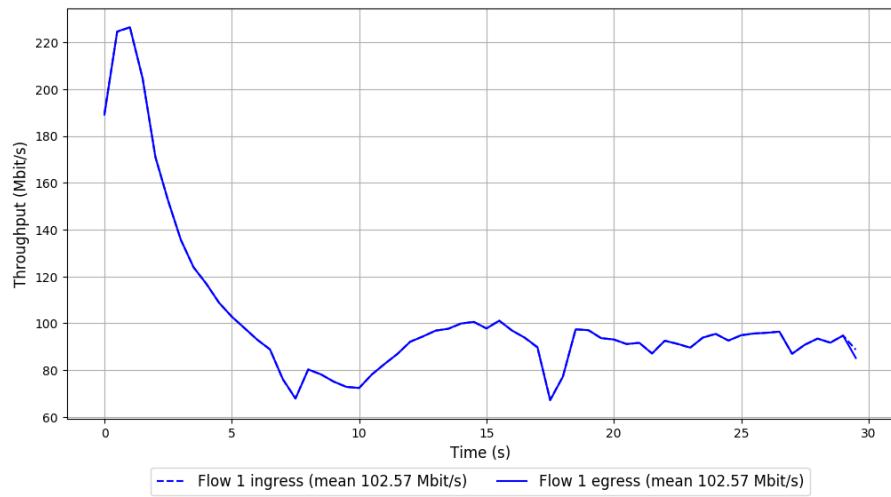


Run 2: Statistics of Copa

```
Start at: 2018-04-24 05:33:05
End at: 2018-04-24 05:33:35
Local clock offset: -1.645 ms
Remote clock offset: -5.229 ms

# Below is generated by plot.py at 2018-04-24 14:51:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.57 Mbit/s
95th percentile per-packet one-way delay: 1.325 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 102.57 Mbit/s
95th percentile per-packet one-way delay: 1.325 ms
Loss rate: 0.06%
```

Run 2: Report of Copa — Data Link

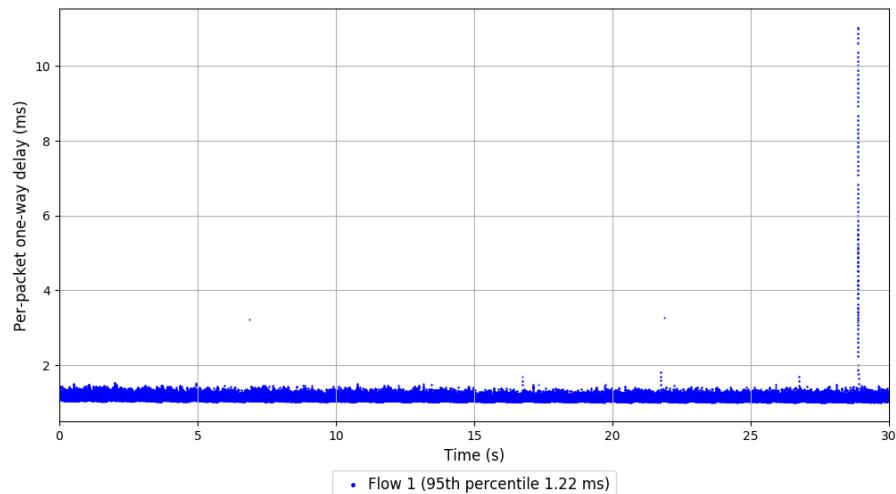
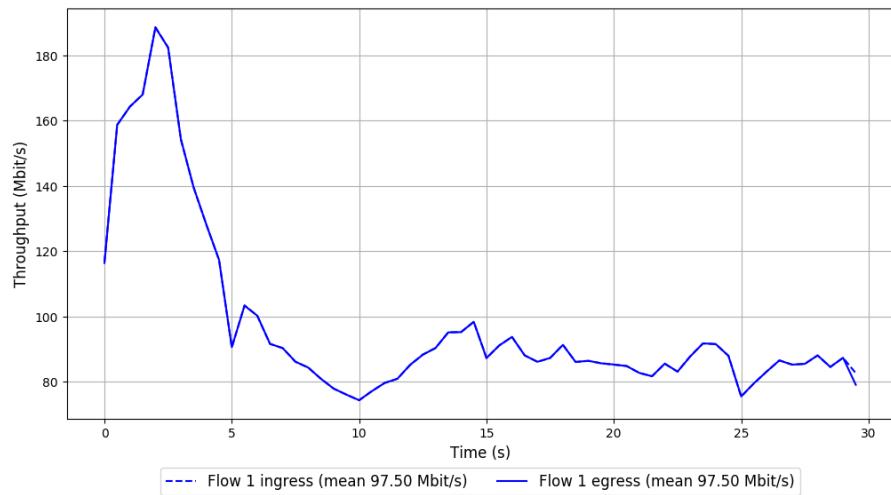


Run 3: Statistics of Copa

```
Start at: 2018-04-24 05:58:27
End at: 2018-04-24 05:58:57
Local clock offset: -2.324 ms
Remote clock offset: -5.136 ms

# Below is generated by plot.py at 2018-04-24 14:52:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 1.223 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 1.223 ms
Loss rate: 0.06%
```

Run 3: Report of Copa — Data Link

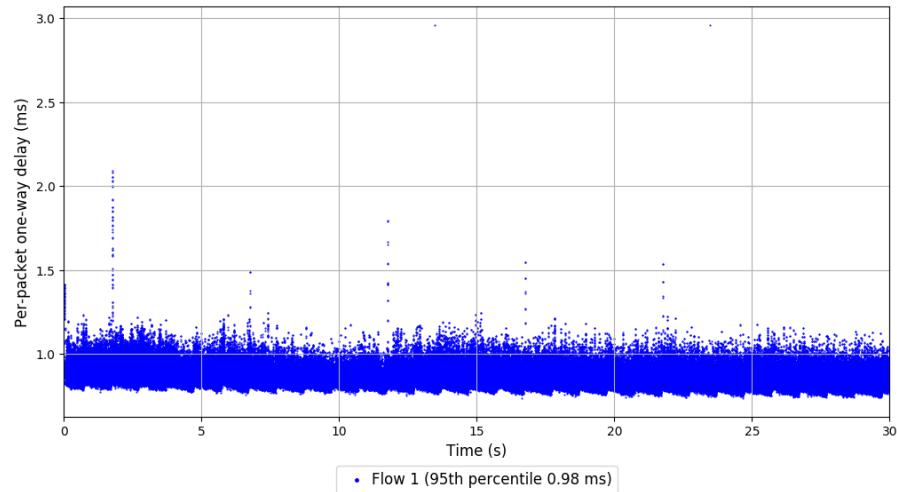
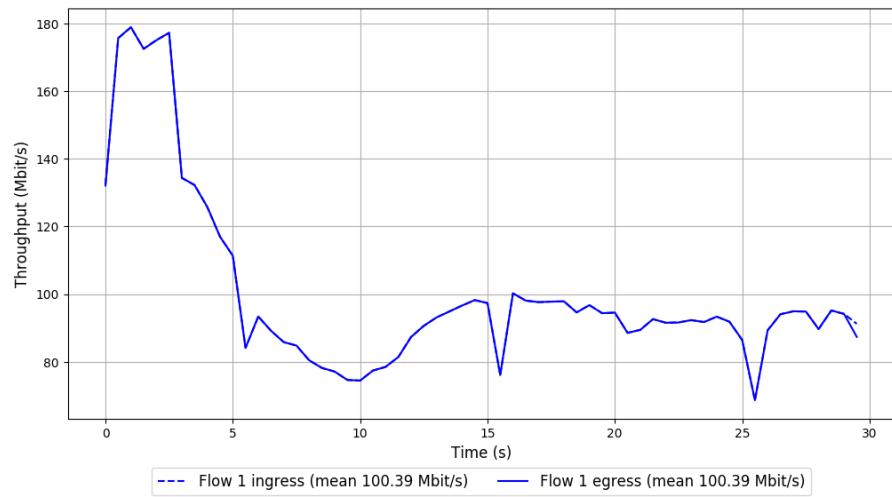


Run 4: Statistics of Copa

```
Start at: 2018-04-24 06:23:46
End at: 2018-04-24 06:24:16
Local clock offset: -1.455 ms
Remote clock offset: -6.81 ms

# Below is generated by plot.py at 2018-04-24 14:52:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.39 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 100.39 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.07%
```

Run 4: Report of Copa — Data Link

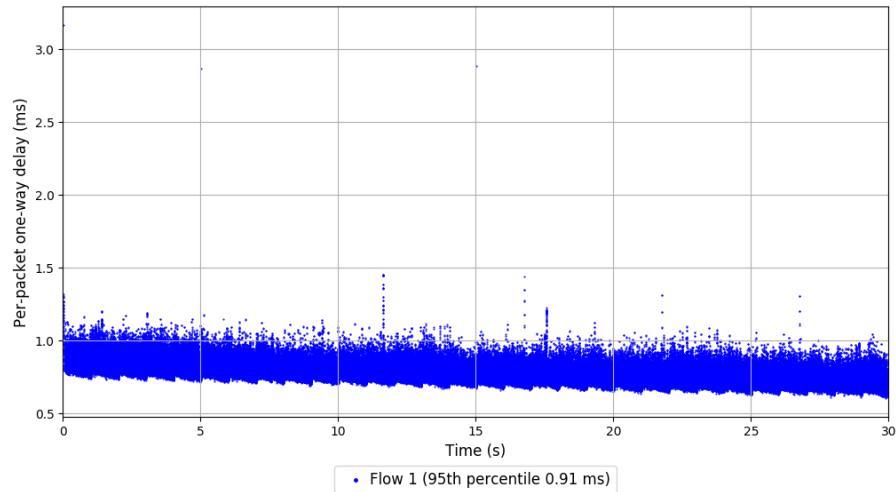
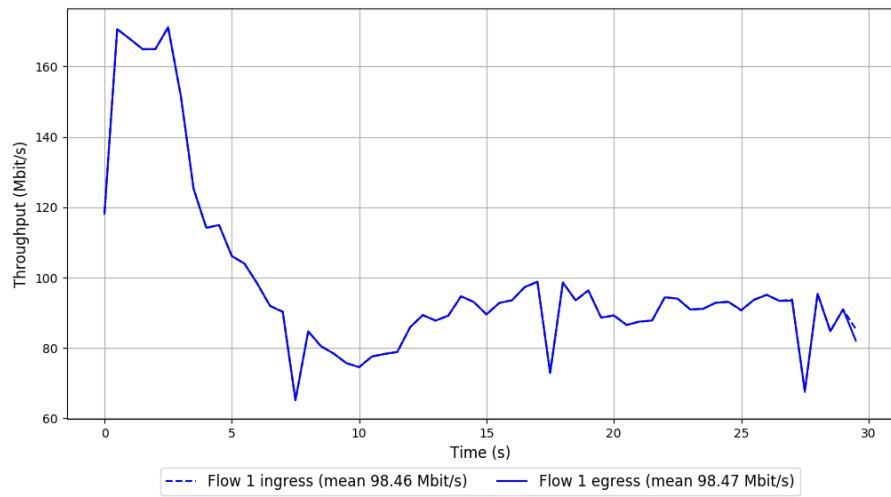


Run 5: Statistics of Copa

```
Start at: 2018-04-24 06:49:04
End at: 2018-04-24 06:49:34
Local clock offset: -0.971 ms
Remote clock offset: -7.349 ms

# Below is generated by plot.py at 2018-04-24 14:53:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.47 Mbit/s
95th percentile per-packet one-way delay: 0.909 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 98.47 Mbit/s
95th percentile per-packet one-way delay: 0.909 ms
Loss rate: 0.06%
```

Run 5: Report of Copa — Data Link

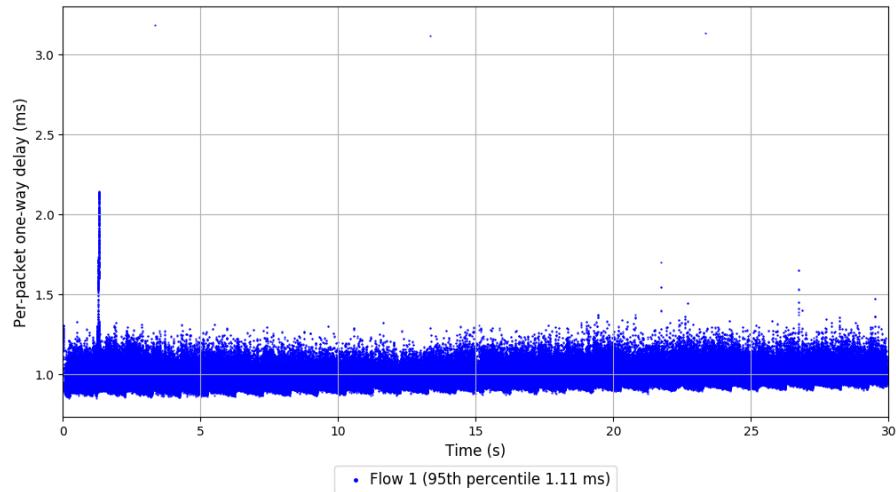
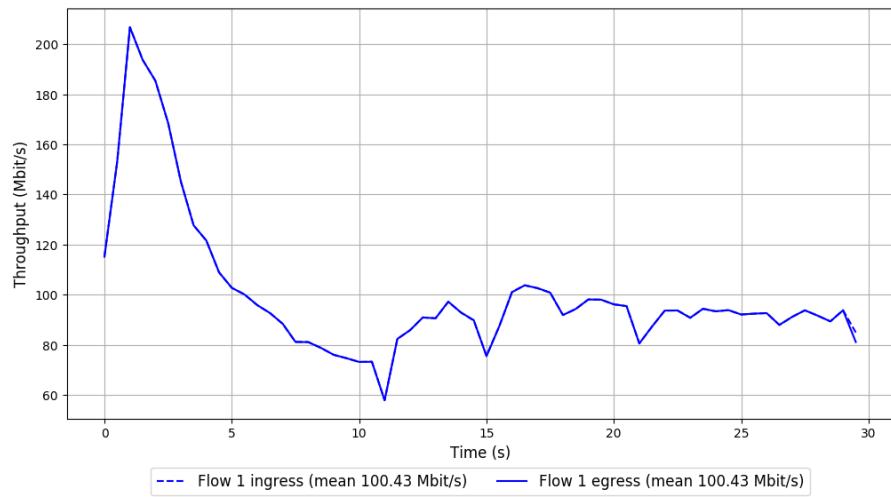


Run 6: Statistics of Copa

```
Start at: 2018-04-24 07:14:30
End at: 2018-04-24 07:15:00
Local clock offset: 0.79 ms
Remote clock offset: -5.956 ms

# Below is generated by plot.py at 2018-04-24 14:53:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.43 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 100.43 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.07%
```

Run 6: Report of Copa — Data Link

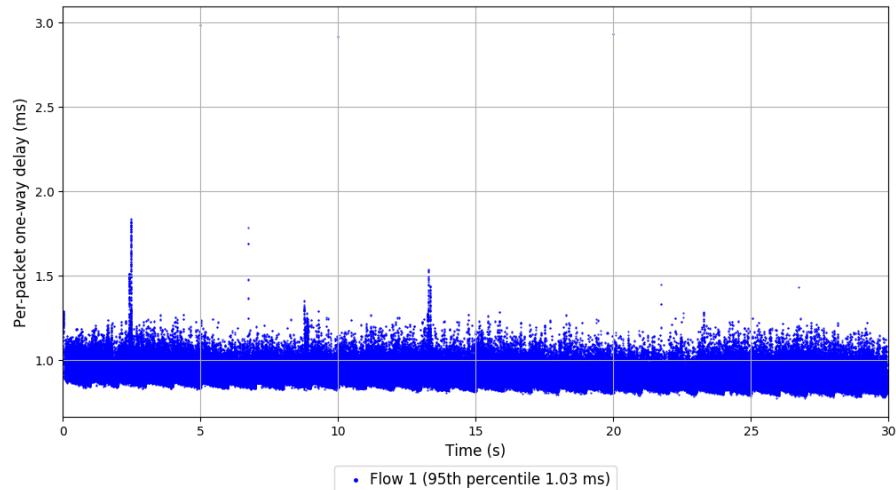
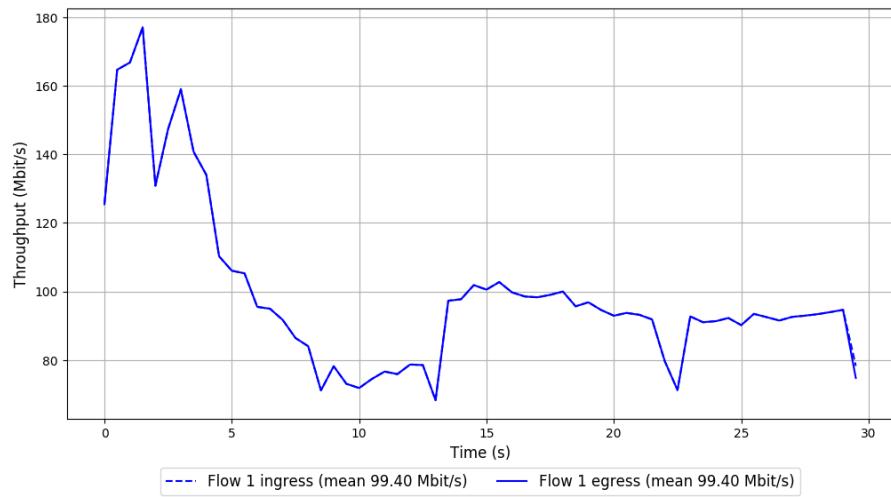


Run 7: Statistics of Copa

```
Start at: 2018-04-24 07:39:48
End at: 2018-04-24 07:40:18
Local clock offset: -1.149 ms
Remote clock offset: -4.647 ms

# Below is generated by plot.py at 2018-04-24 14:54:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 99.40 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 99.40 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.06%
```

Run 7: Report of Copa — Data Link

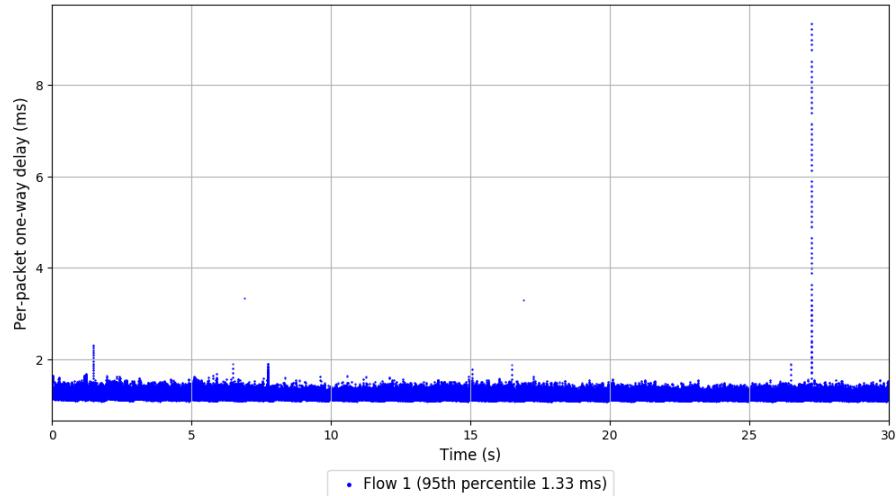
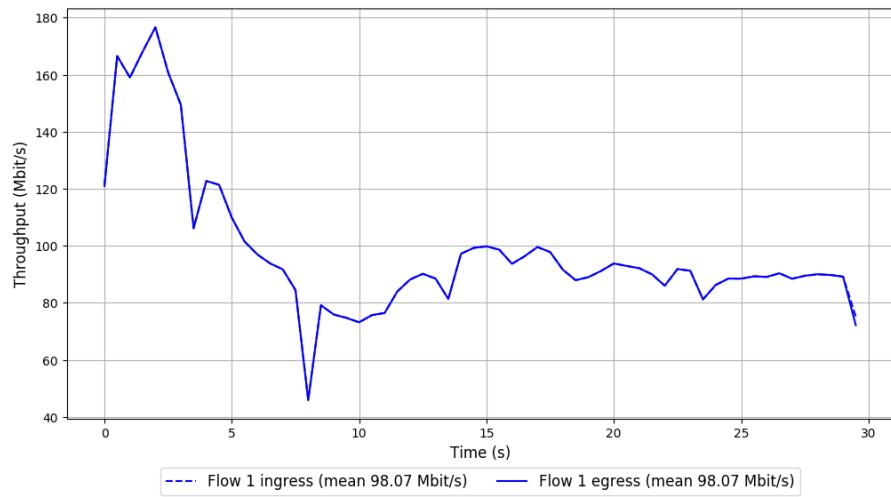


Run 8: Statistics of Copa

```
Start at: 2018-04-24 08:05:07
End at: 2018-04-24 08:05:37
Local clock offset: -0.921 ms
Remote clock offset: -6.165 ms

# Below is generated by plot.py at 2018-04-24 14:54:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.07 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 98.07 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.05%
```

Run 8: Report of Copa — Data Link

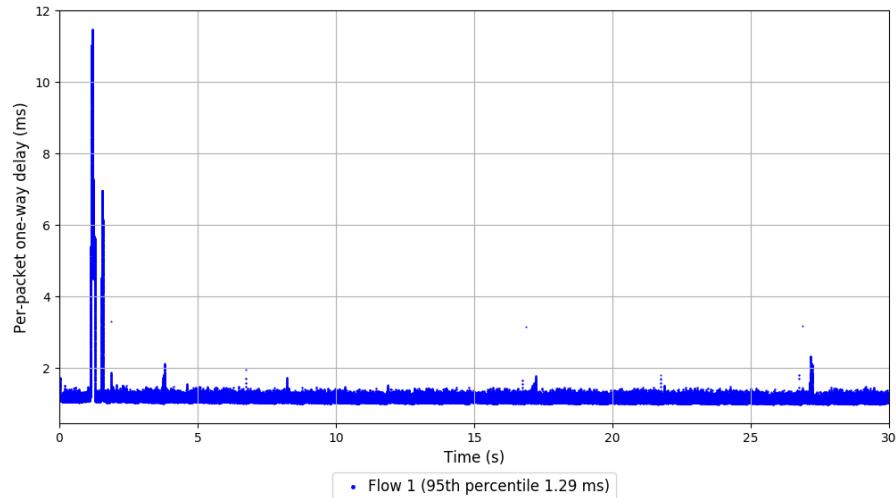
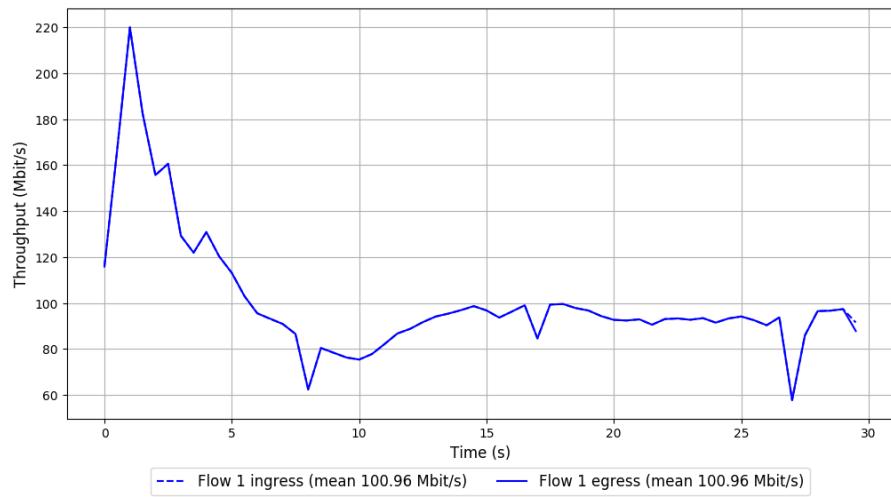


Run 9: Statistics of Copa

```
Start at: 2018-04-24 08:30:23
End at: 2018-04-24 08:30:53
Local clock offset: -1.187 ms
Remote clock offset: -6.375 ms

# Below is generated by plot.py at 2018-04-24 14:54:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.96 Mbit/s
95th percentile per-packet one-way delay: 1.287 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 100.96 Mbit/s
95th percentile per-packet one-way delay: 1.287 ms
Loss rate: 0.07%
```

Run 9: Report of Copa — Data Link

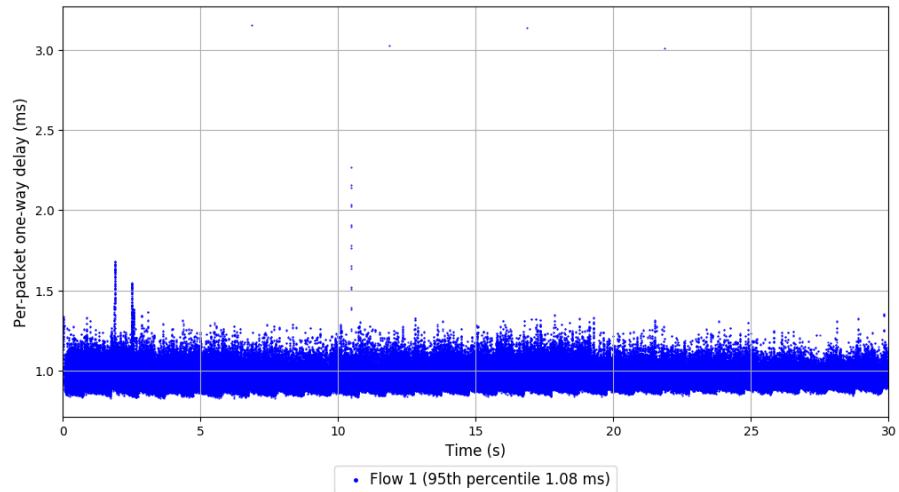
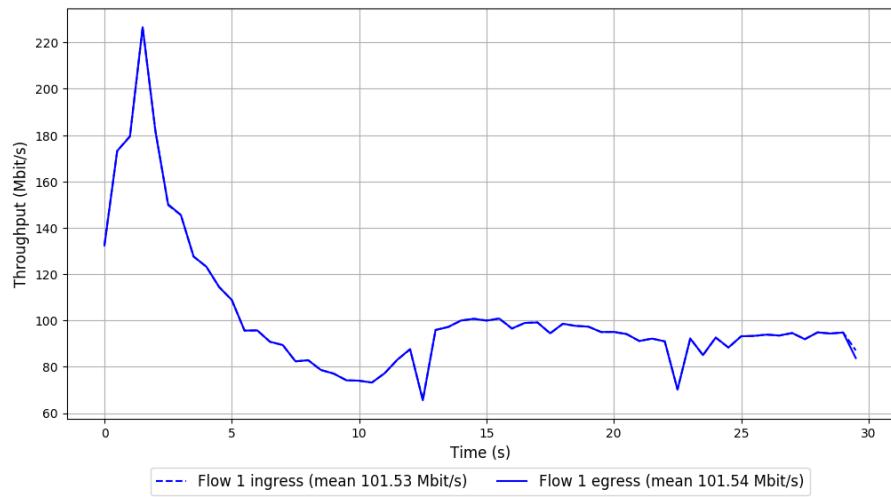


Run 10: Statistics of Copa

```
Start at: 2018-04-24 08:55:37
End at: 2018-04-24 08:56:07
Local clock offset: -0.822 ms
Remote clock offset: -5.698 ms

# Below is generated by plot.py at 2018-04-24 14:54:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 101.54 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 101.54 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.06%
```

Run 10: Report of Copa — Data Link

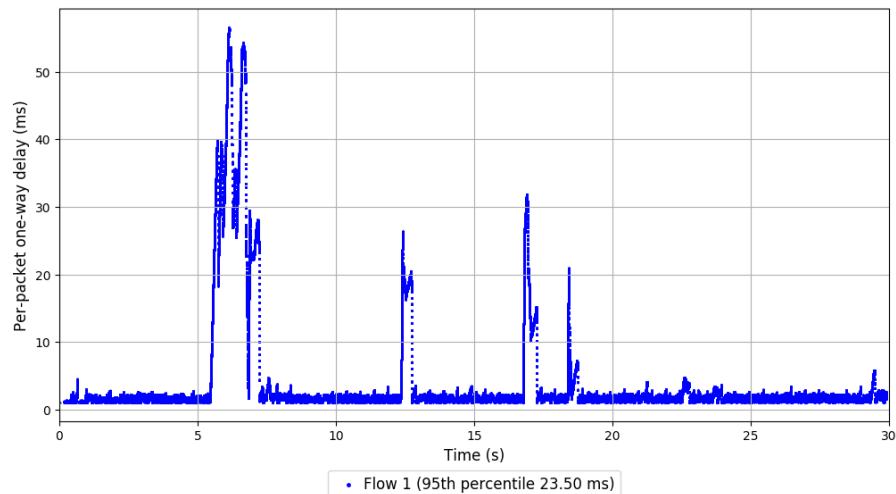
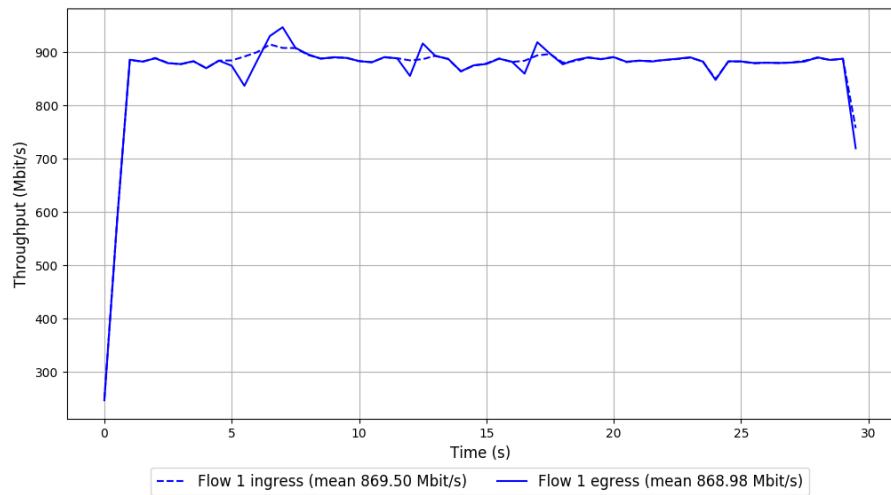


```
Run 1: Statistics of FillP

Start at: 2018-04-24 05:28:09
End at: 2018-04-24 05:28:39
Local clock offset: -1.047 ms
Remote clock offset: -5.191 ms

# Below is generated by plot.py at 2018-04-24 15:06:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 868.98 Mbit/s
95th percentile per-packet one-way delay: 23.497 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 868.98 Mbit/s
95th percentile per-packet one-way delay: 23.497 ms
Loss rate: 0.13%
```

Run 1: Report of FillP — Data Link

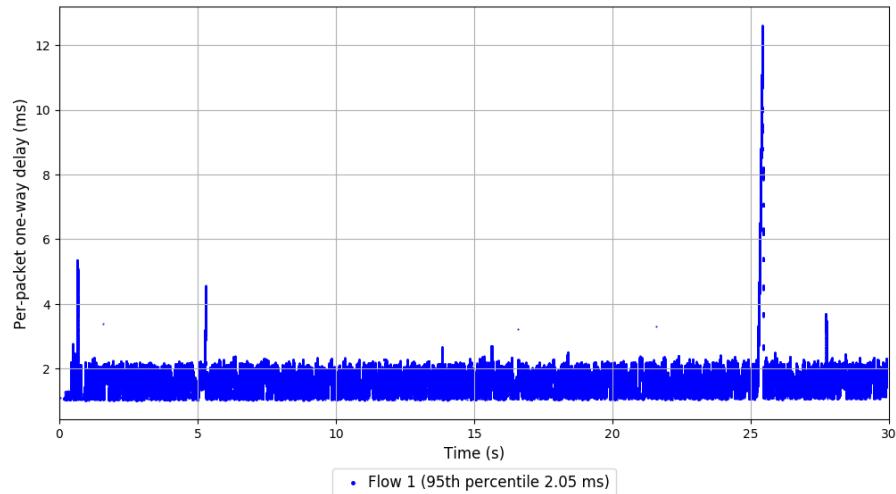
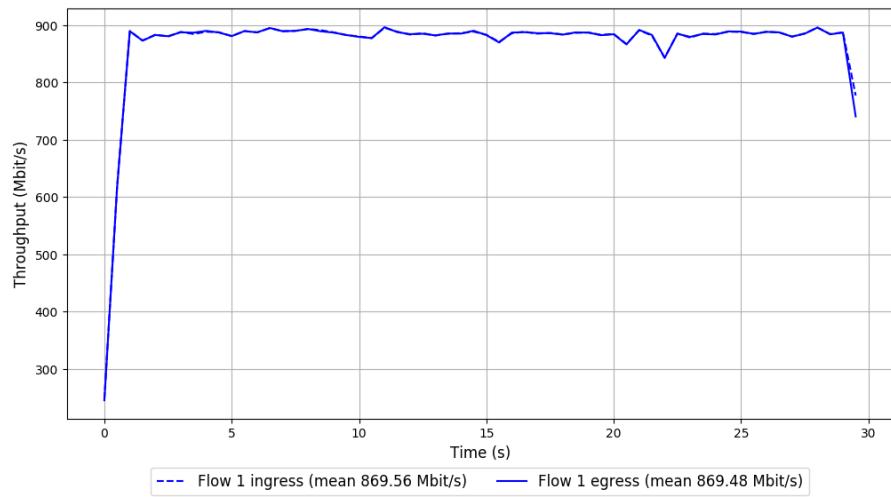


Run 2: Statistics of FillP

```
Start at: 2018-04-24 05:53:32
End at: 2018-04-24 05:54:02
Local clock offset: -1.935 ms
Remote clock offset: -5.01 ms

# Below is generated by plot.py at 2018-04-24 15:07:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 869.48 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 869.48 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.08%
```

Run 2: Report of FillP — Data Link

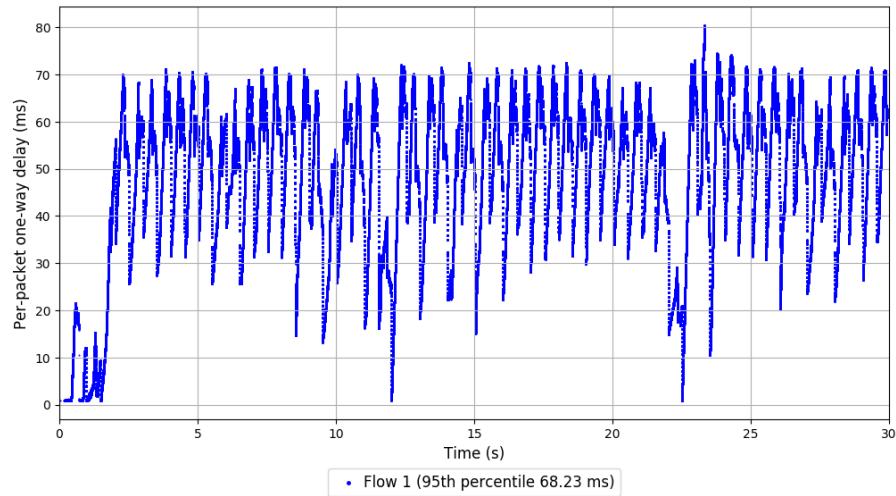
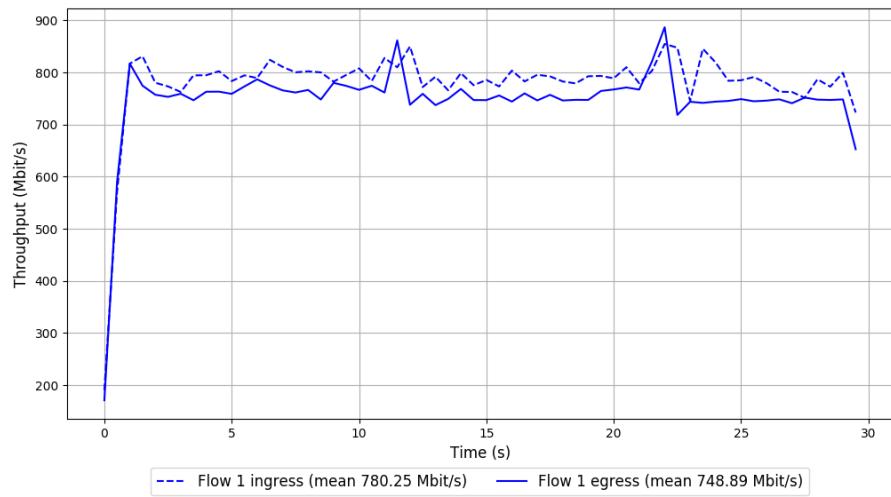


Run 3: Statistics of FillP

```
Start at: 2018-04-24 06:18:52
End at: 2018-04-24 06:19:22
Local clock offset: -1.91 ms
Remote clock offset: -6.664 ms

# Below is generated by plot.py at 2018-04-24 15:07:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 748.89 Mbit/s
95th percentile per-packet one-way delay: 68.230 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 748.89 Mbit/s
95th percentile per-packet one-way delay: 68.230 ms
Loss rate: 4.08%
```

Run 3: Report of FillP — Data Link

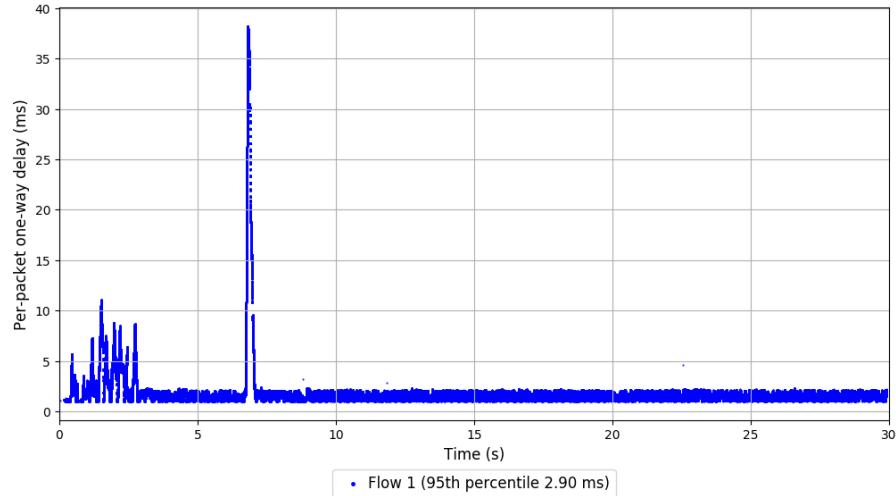
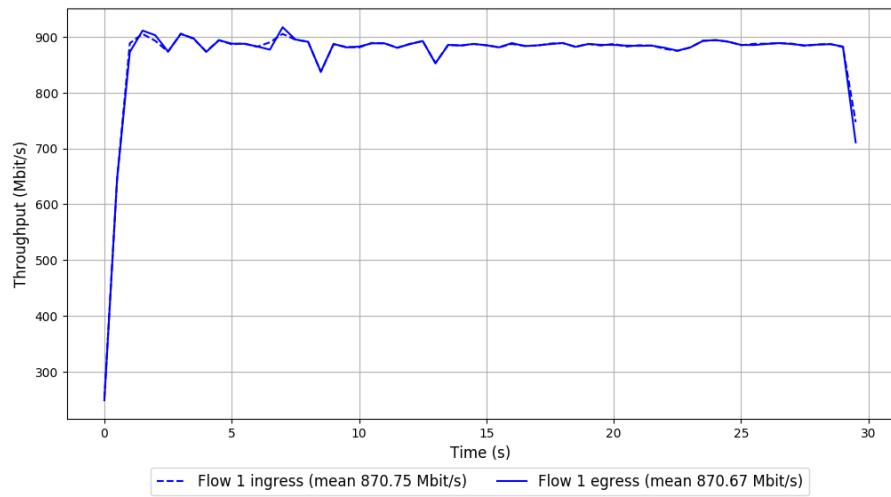


Run 4: Statistics of FillP

```
Start at: 2018-04-24 06:44:09
End at: 2018-04-24 06:44:39
Local clock offset: -1.756 ms
Remote clock offset: -7.27 ms

# Below is generated by plot.py at 2018-04-24 15:07:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 870.67 Mbit/s
95th percentile per-packet one-way delay: 2.904 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 870.67 Mbit/s
95th percentile per-packet one-way delay: 2.904 ms
Loss rate: 0.08%
```

Run 4: Report of FillP — Data Link

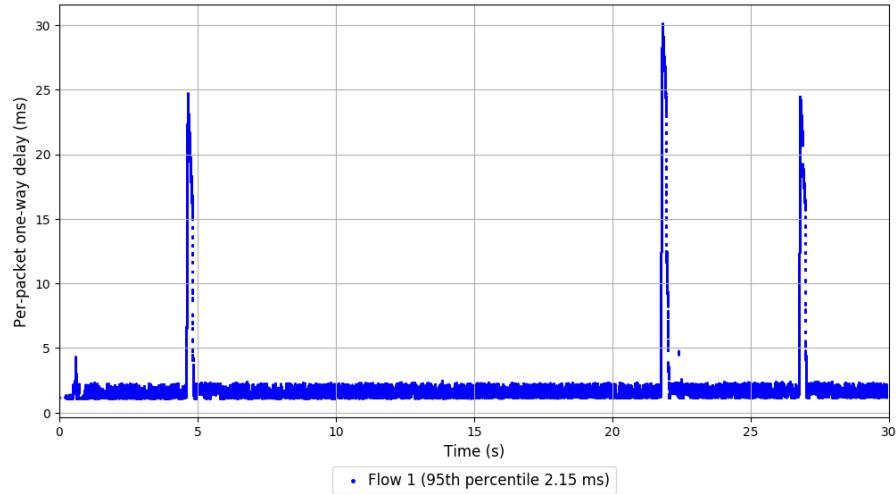
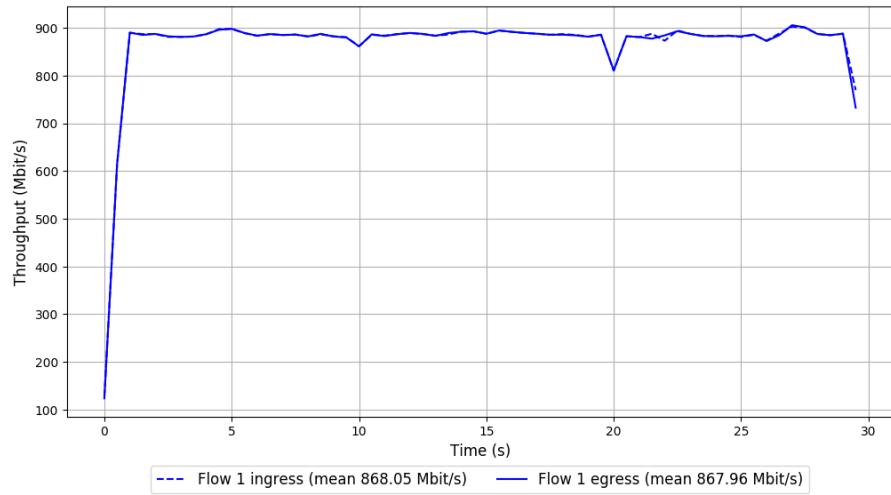


Run 5: Statistics of FillP

```
Start at: 2018-04-24 07:09:41
End at: 2018-04-24 07:10:11
Local clock offset: 0.874 ms
Remote clock offset: -6.769 ms

# Below is generated by plot.py at 2018-04-24 15:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 867.96 Mbit/s
95th percentile per-packet one-way delay: 2.148 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 867.96 Mbit/s
95th percentile per-packet one-way delay: 2.148 ms
Loss rate: 0.08%
```

Run 5: Report of FillP — Data Link

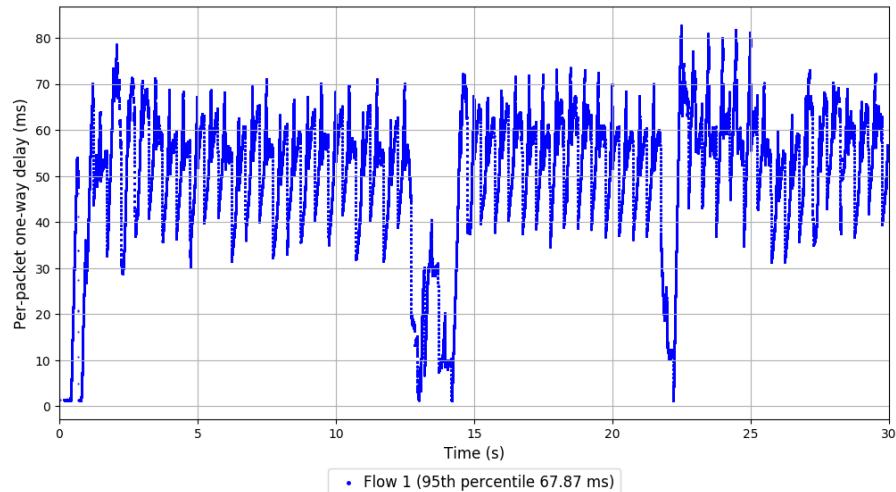
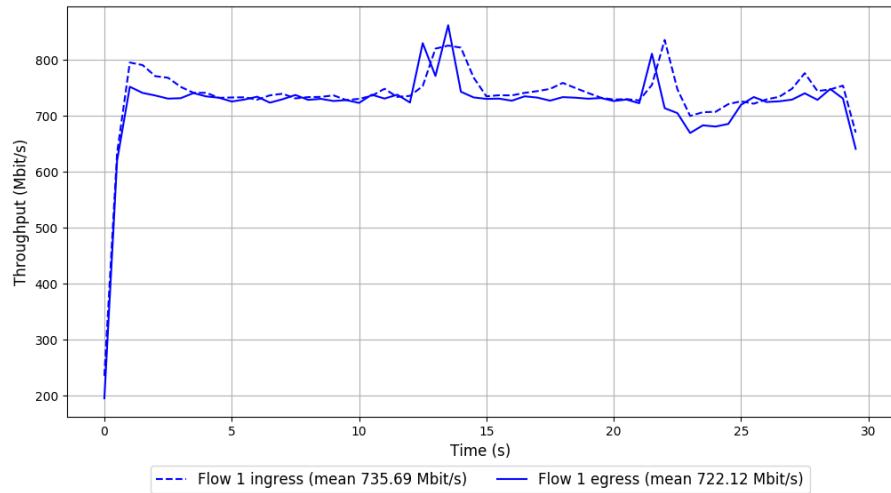


Run 6: Statistics of FillP

```
Start at: 2018-04-24 07:34:58
End at: 2018-04-24 07:35:28
Local clock offset: -0.536 ms
Remote clock offset: -4.795 ms

# Below is generated by plot.py at 2018-04-24 15:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 722.12 Mbit/s
95th percentile per-packet one-way delay: 67.873 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 722.12 Mbit/s
95th percentile per-packet one-way delay: 67.873 ms
Loss rate: 1.91%
```

Run 6: Report of FillP — Data Link

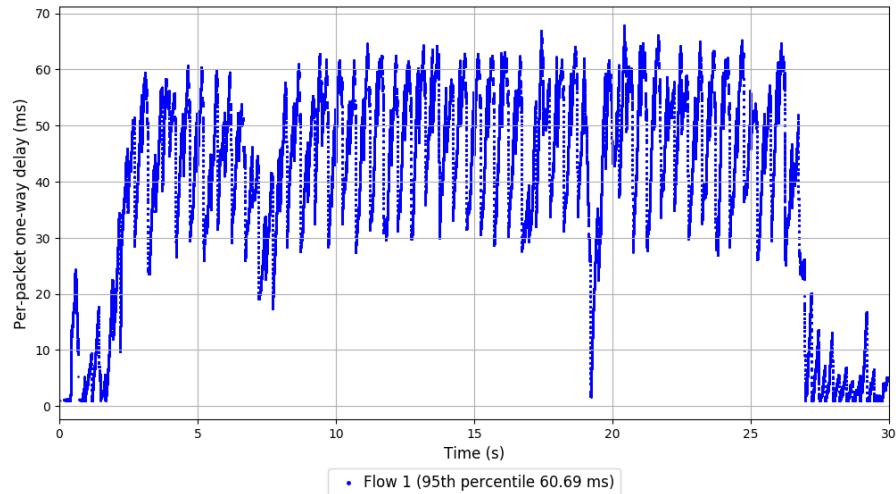
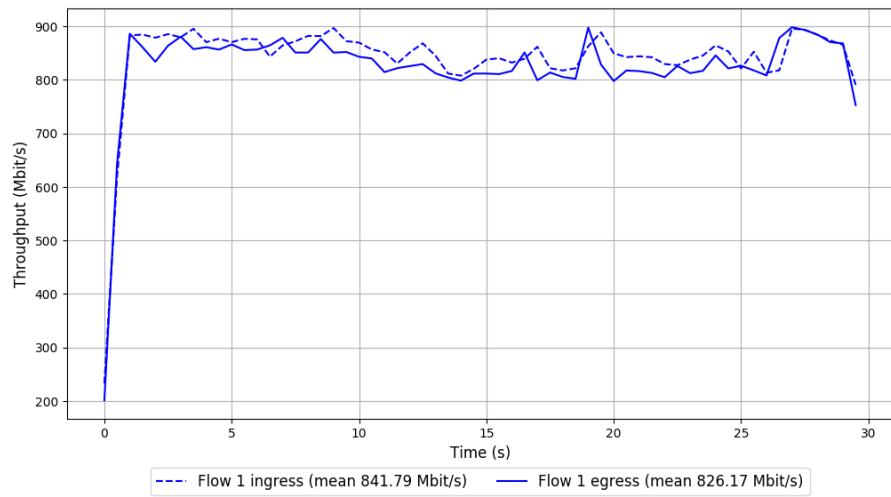


Run 7: Statistics of FillP

```
Start at: 2018-04-24 08:00:14
End at: 2018-04-24 08:00:44
Local clock offset: -1.241 ms
Remote clock offset: -6.122 ms

# Below is generated by plot.py at 2018-04-24 15:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 826.17 Mbit/s
95th percentile per-packet one-way delay: 60.692 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 826.17 Mbit/s
95th percentile per-packet one-way delay: 60.692 ms
Loss rate: 1.92%
```

Run 7: Report of FillP — Data Link

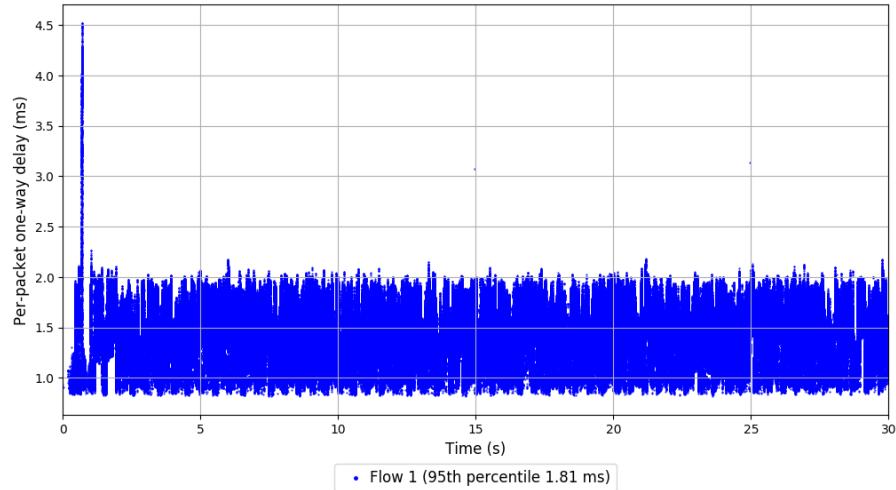
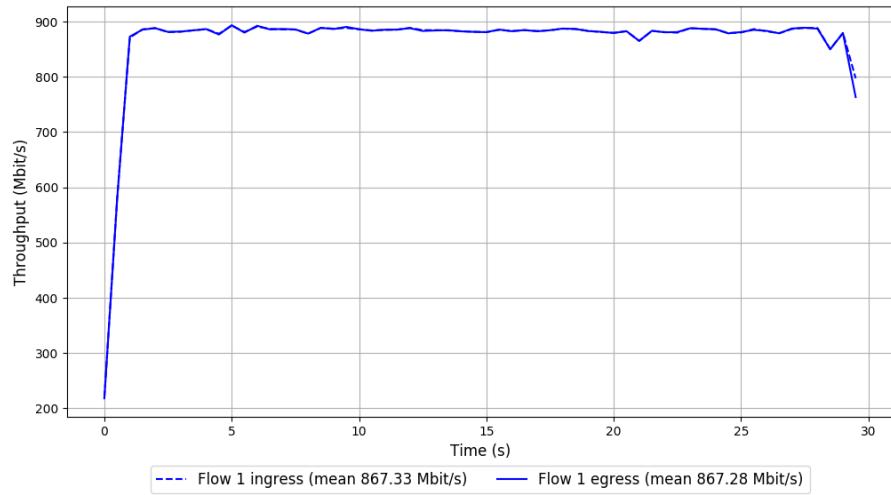


Run 8: Statistics of FillP

```
Start at: 2018-04-24 08:25:39
End at: 2018-04-24 08:26:09
Local clock offset: -1.461 ms
Remote clock offset: -6.245 ms

# Below is generated by plot.py at 2018-04-24 15:08:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 867.28 Mbit/s
95th percentile per-packet one-way delay: 1.806 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 867.28 Mbit/s
95th percentile per-packet one-way delay: 1.806 ms
Loss rate: 0.07%
```

Run 8: Report of FillP — Data Link

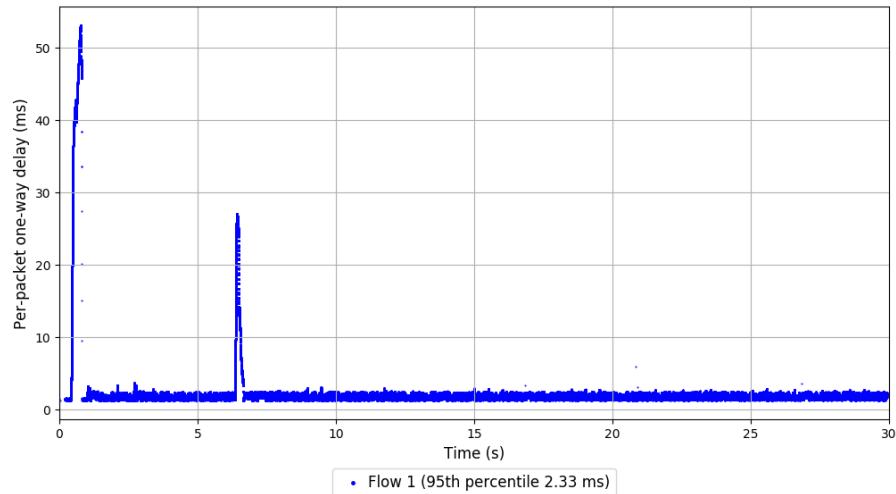
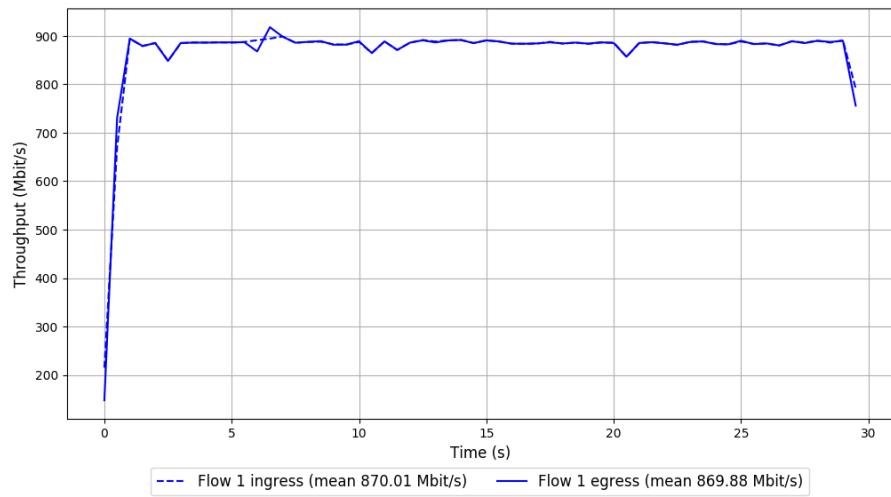


Run 9: Statistics of FillP

```
Start at: 2018-04-24 08:50:49
End at: 2018-04-24 08:51:19
Local clock offset: -0.522 ms
Remote clock offset: -6.129 ms

# Below is generated by plot.py at 2018-04-24 15:19:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 869.88 Mbit/s
95th percentile per-packet one-way delay: 2.325 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 869.88 Mbit/s
95th percentile per-packet one-way delay: 2.325 ms
Loss rate: 0.08%
```

Run 9: Report of FillP — Data Link

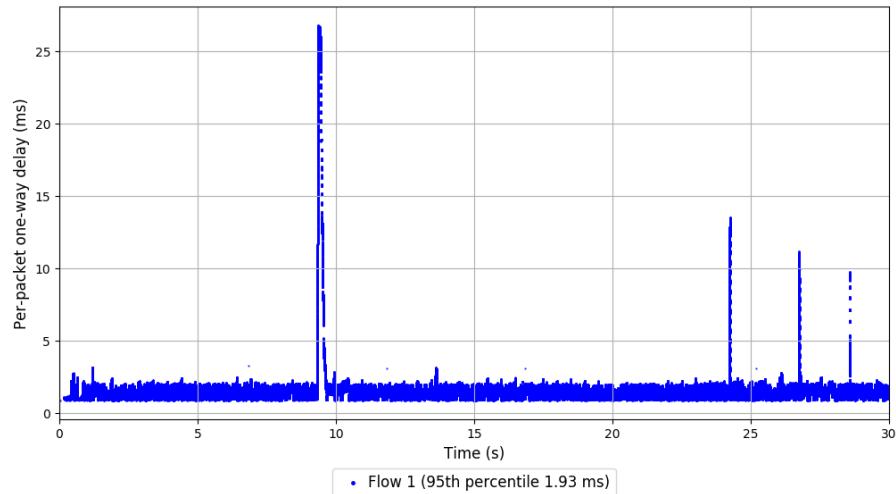
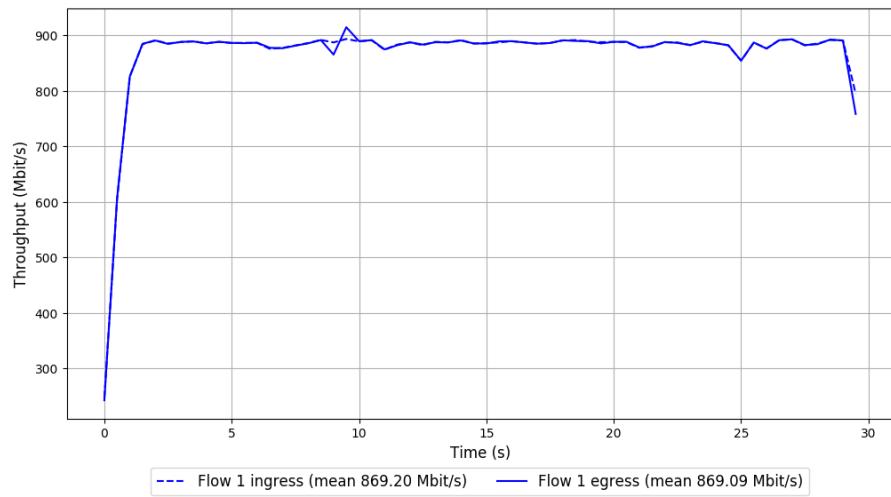


Run 10: Statistics of FillP

```
Start at: 2018-04-24 09:16:08
End at: 2018-04-24 09:16:38
Local clock offset: -0.379 ms
Remote clock offset: -5.072 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 869.09 Mbit/s
95th percentile per-packet one-way delay: 1.931 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 869.09 Mbit/s
95th percentile per-packet one-way delay: 1.931 ms
Loss rate: 0.08%
```

Run 10: Report of FillP — Data Link

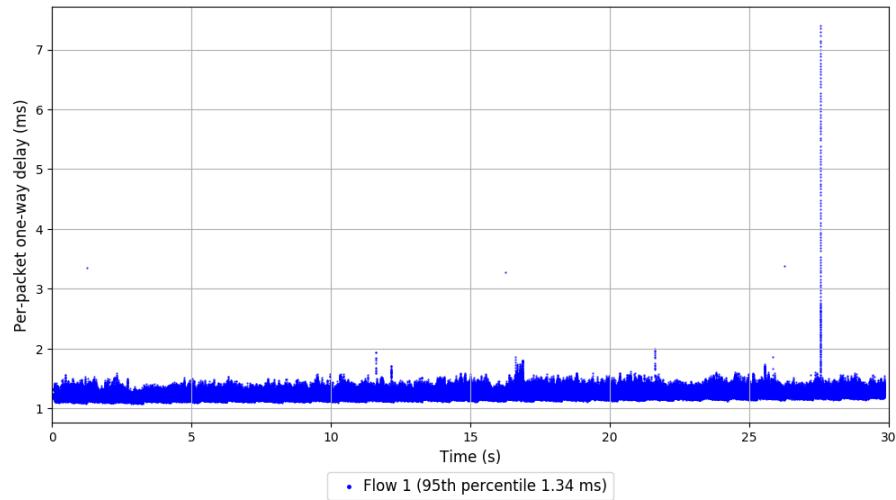
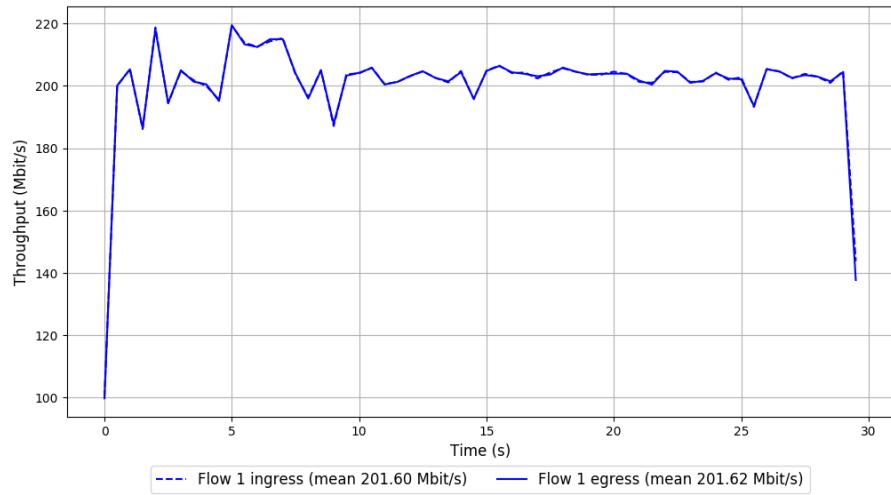


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-04-24 05:14:38
End at: 2018-04-24 05:15:08
Local clock offset: -0.286 ms
Remote clock offset: -5.248 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.62 Mbit/s
95th percentile per-packet one-way delay: 1.341 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 201.62 Mbit/s
95th percentile per-packet one-way delay: 1.341 ms
Loss rate: 0.06%
```

Run 1: Report of Indigo-1-32 — Data Link

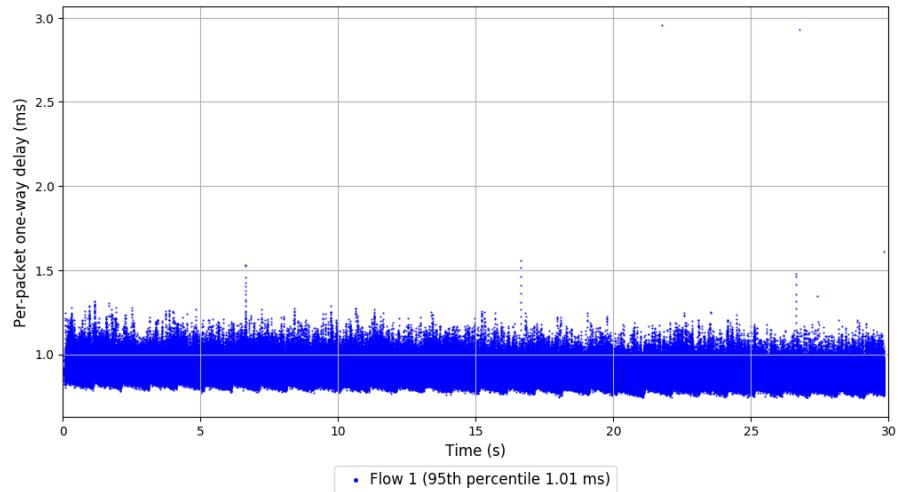
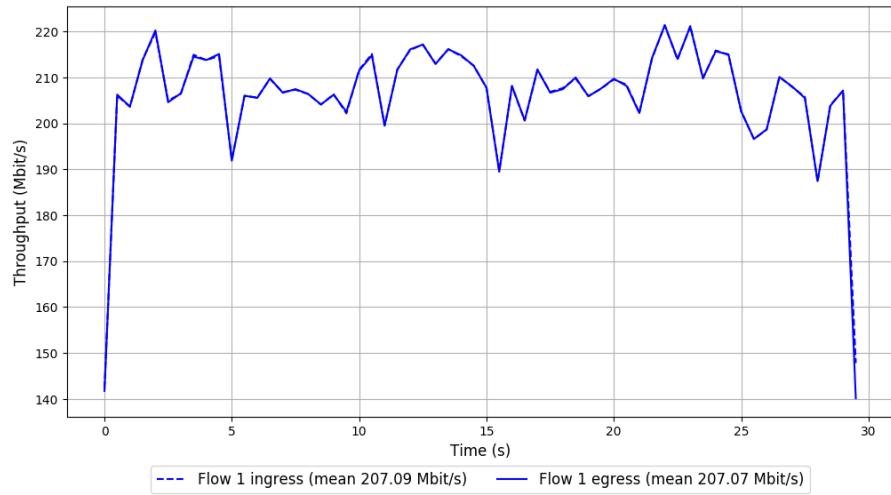


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-04-24 05:40:11
End at: 2018-04-24 05:40:41
Local clock offset: -2.009 ms
Remote clock offset: -5.071 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 207.07 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 207.07 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.07%
```

Run 2: Report of Indigo-1-32 — Data Link

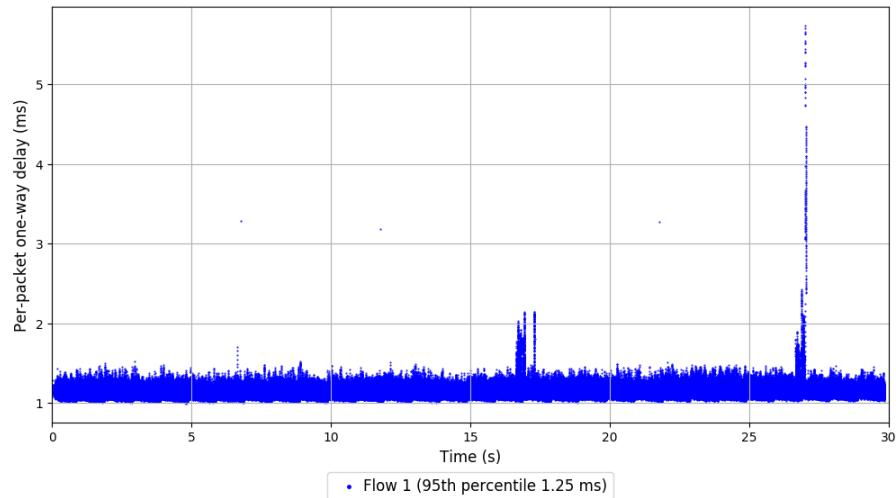
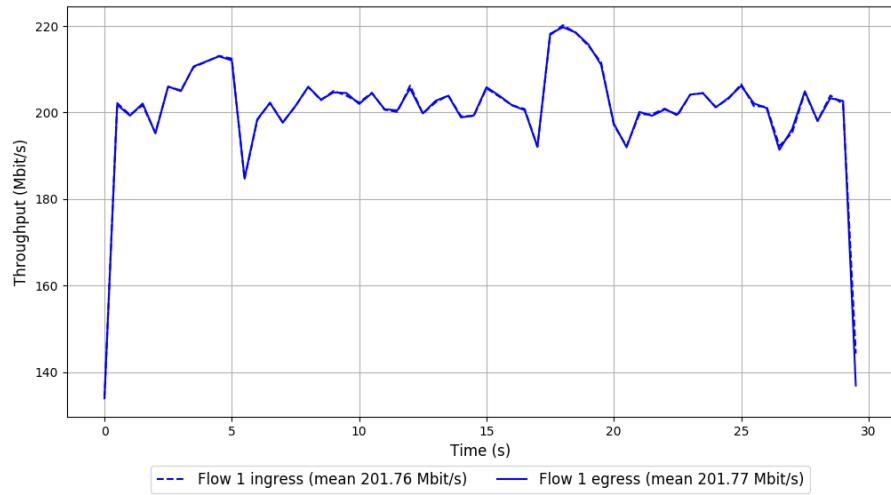


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-04-24 06:05:25
End at: 2018-04-24 06:05:55
Local clock offset: -3.112 ms
Remote clock offset: -5.994 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.77 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 201.77 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.06%
```

Run 3: Report of Indigo-1-32 — Data Link

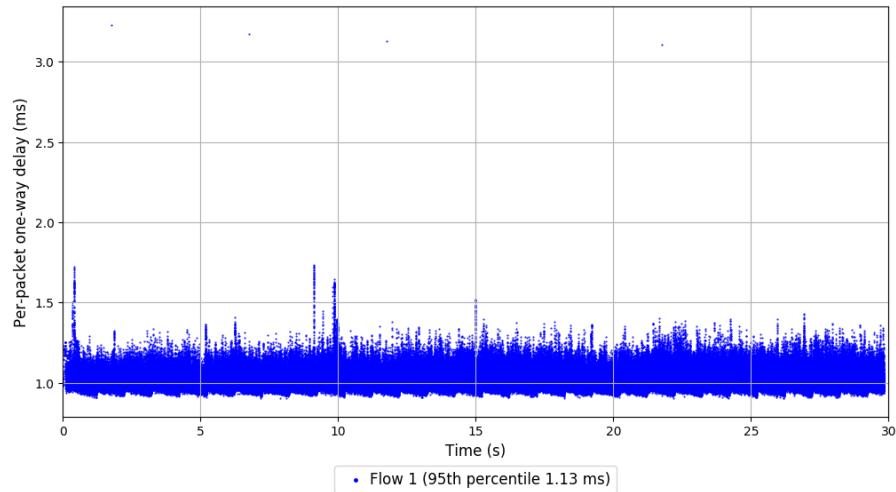
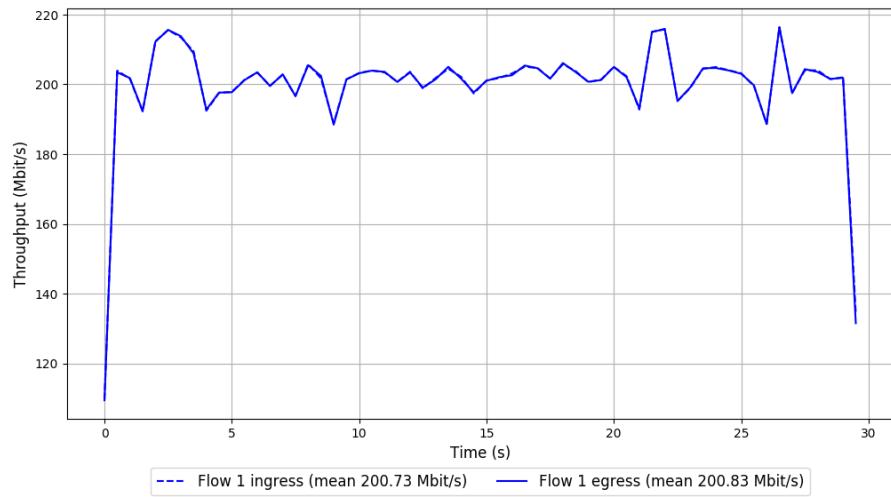


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-04-24 06:30:43
End at: 2018-04-24 06:31:13
Local clock offset: -1.162 ms
Remote clock offset: -6.92 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.83 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 200.83 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.03%
```

Run 4: Report of Indigo-1-32 — Data Link

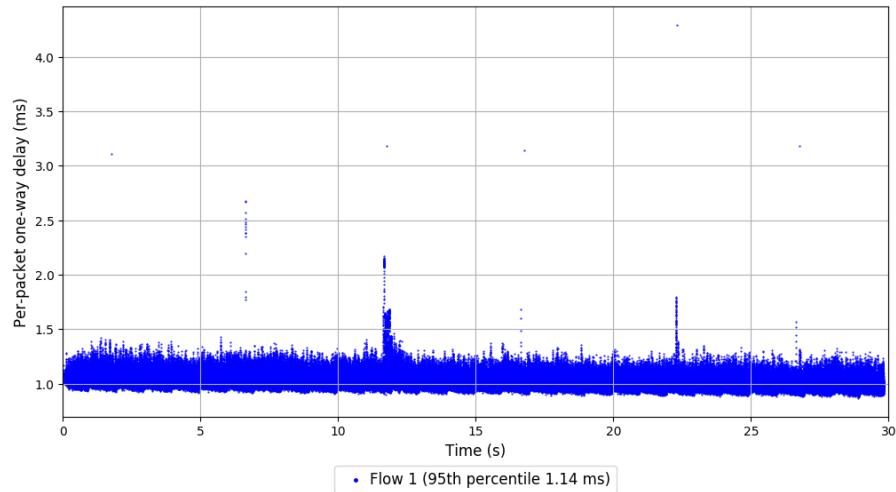
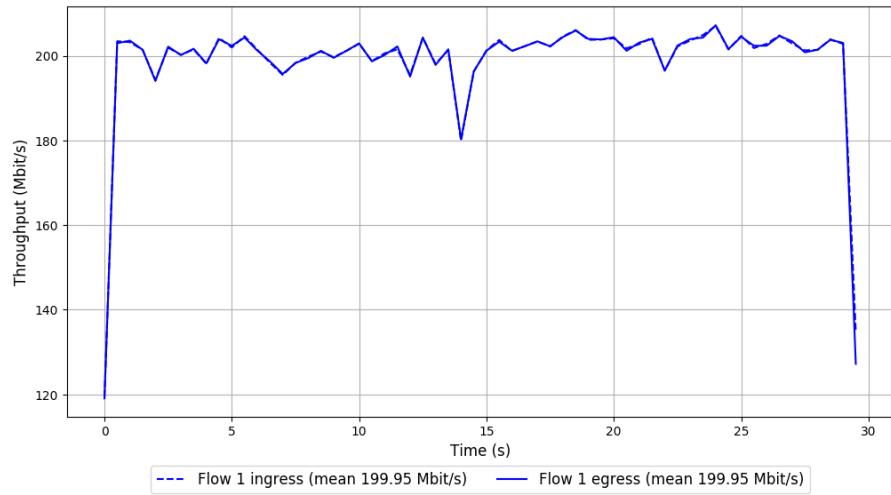


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-04-24 06:56:09
End at: 2018-04-24 06:56:39
Local clock offset: 0.323 ms
Remote clock offset: -7.467 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.95 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 199.95 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.07%
```

Run 5: Report of Indigo-1-32 — Data Link

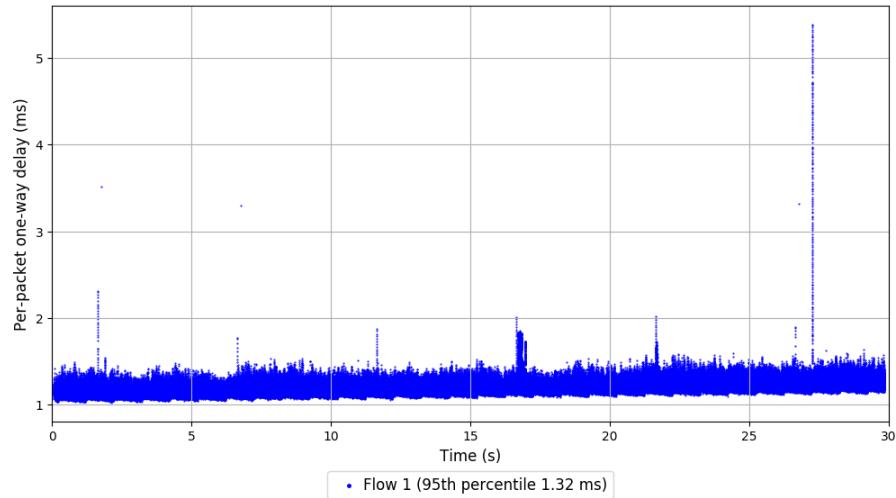
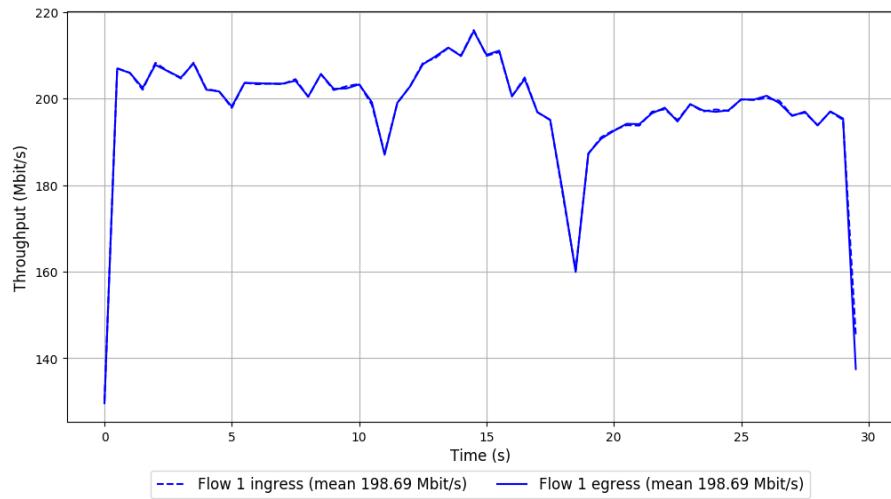


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-04-24 07:21:33
End at: 2018-04-24 07:22:03
Local clock offset: 0.553 ms
Remote clock offset: -5.405 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.69 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 198.69 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.07%
```

Run 6: Report of Indigo-1-32 — Data Link

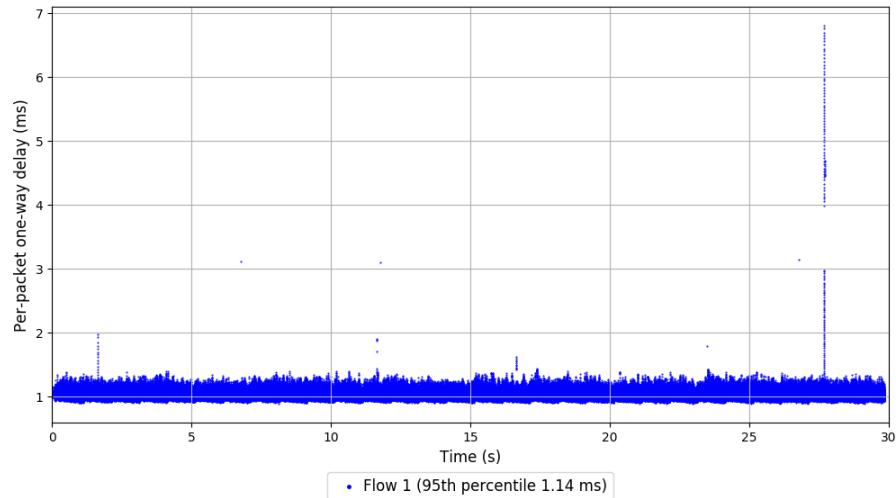
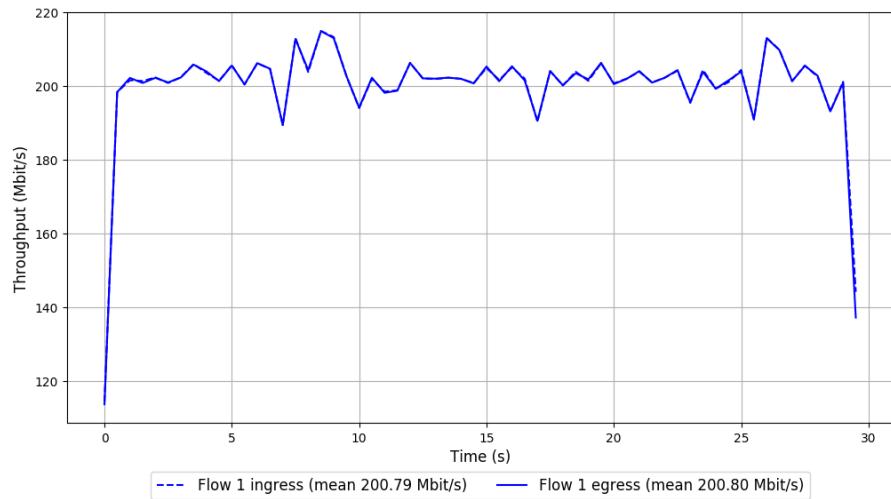


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-04-24 07:46:53
End at: 2018-04-24 07:47:23
Local clock offset: -1.548 ms
Remote clock offset: -5.588 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.80 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 200.80 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.06%
```

Run 7: Report of Indigo-1-32 — Data Link

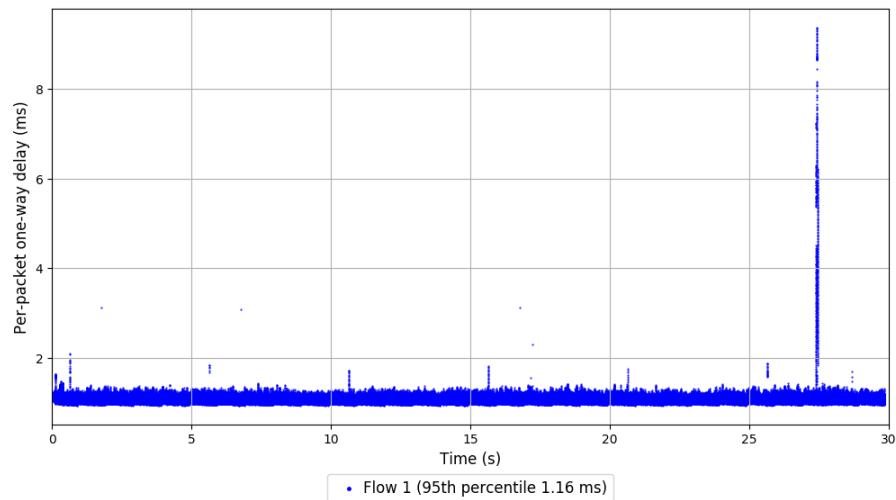
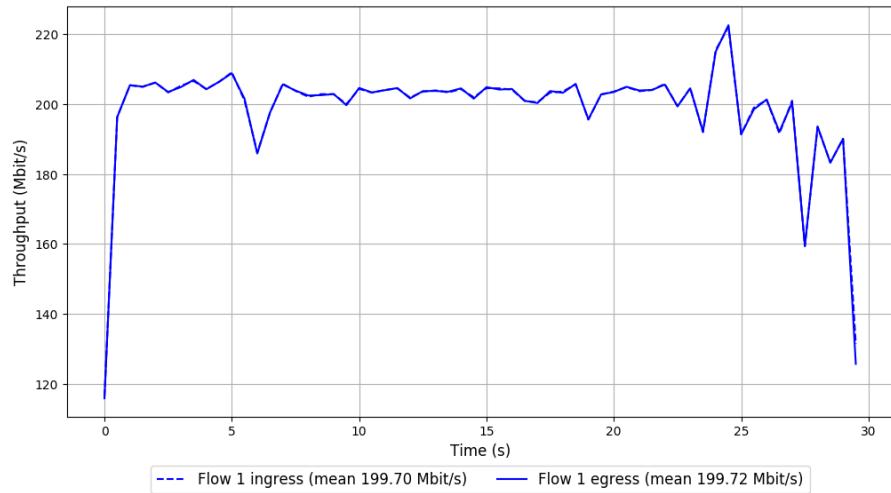


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-04-24 08:12:12
End at: 2018-04-24 08:12:42
Local clock offset: -1.191 ms
Remote clock offset: -6.309 ms

# Below is generated by plot.py at 2018-04-24 15:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.72 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 199.72 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.05%
```

Run 8: Report of Indigo-1-32 — Data Link

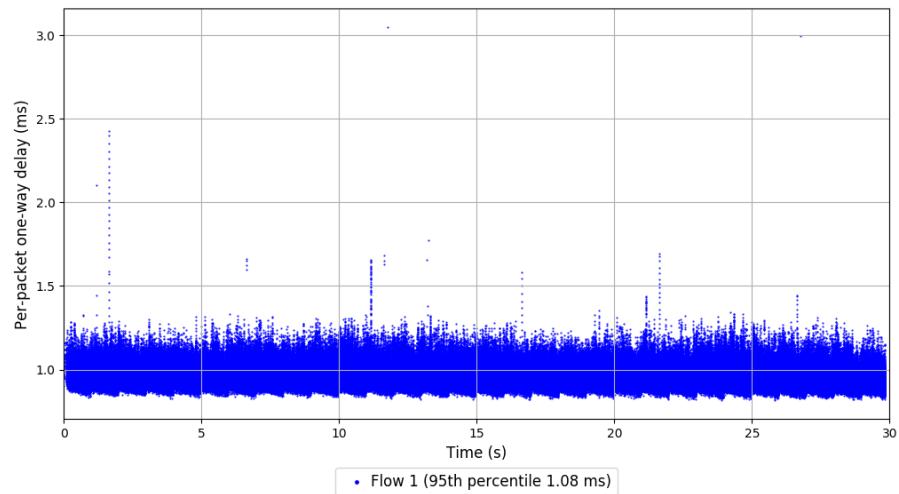
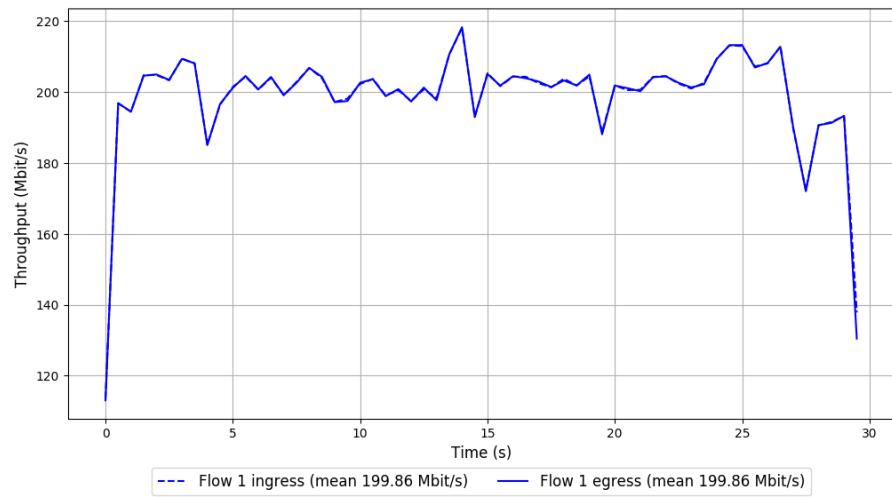


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-04-24 08:37:29
End at: 2018-04-24 08:37:59
Local clock offset: -0.956 ms
Remote clock offset: -6.336 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.86 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 199.86 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.07%
```

Run 9: Report of Indigo-1-32 — Data Link

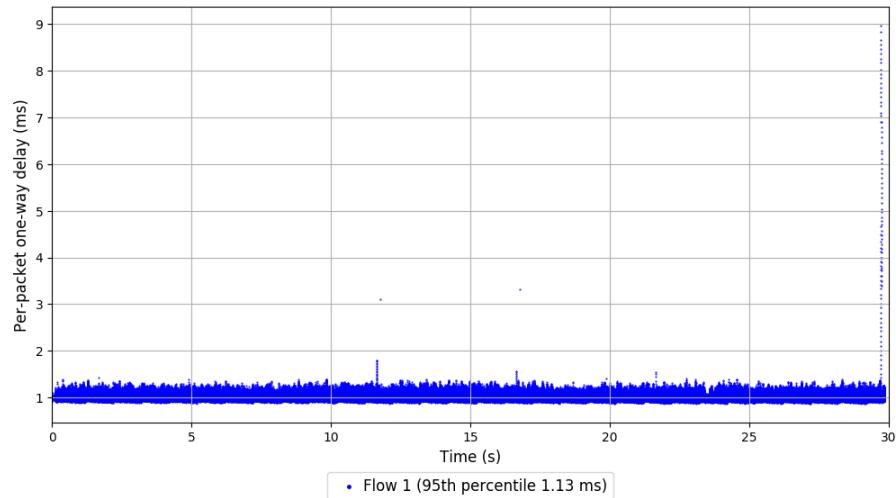
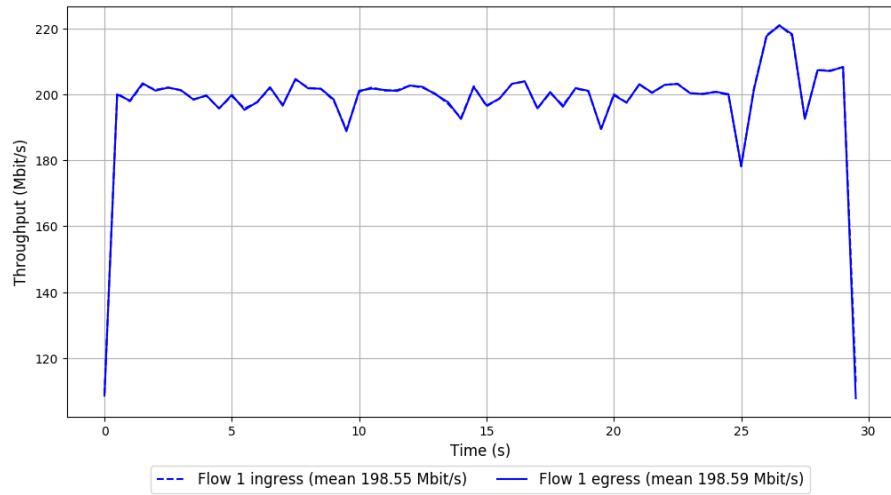


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-04-24 09:02:39
End at: 2018-04-24 09:03:10
Local clock offset: -0.873 ms
Remote clock offset: -5.463 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.59 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 198.59 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.05%
```

Run 10: Report of Indigo-1-32 — Data Link

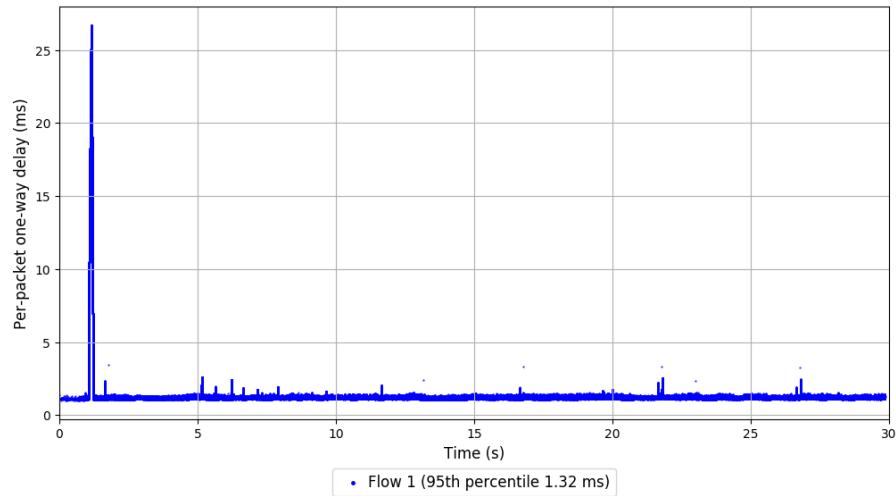
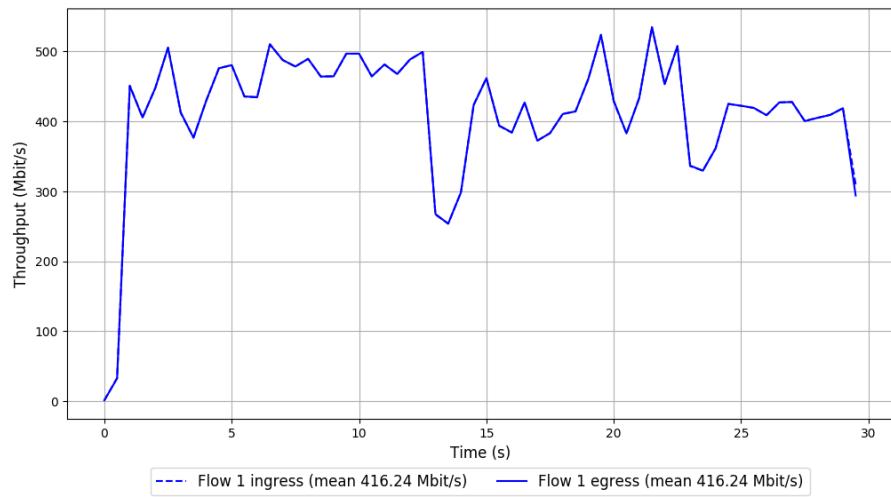


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-04-24 05:26:30
End at: 2018-04-24 05:27:00
Local clock offset: -0.928 ms
Remote clock offset: -5.168 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 416.24 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 416.24 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.07%
```

Run 1: Report of PCC-Vivace — Data Link

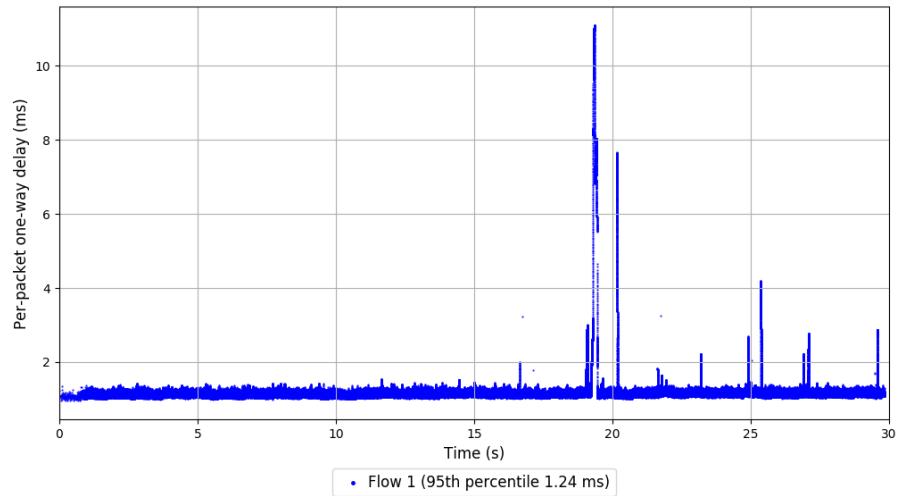
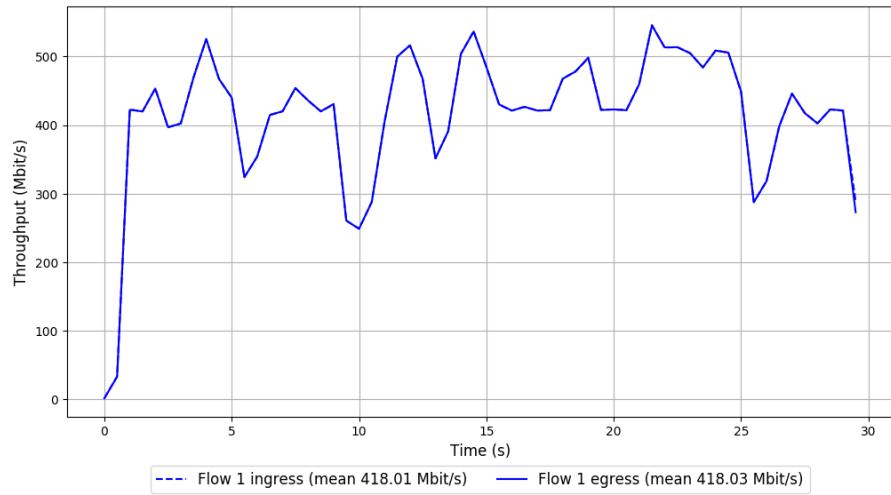


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-04-24 05:51:53
End at: 2018-04-24 05:52:23
Local clock offset: -1.793 ms
Remote clock offset: -4.981 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 418.03 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 418.03 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.06%
```

Run 2: Report of PCC-Vivace — Data Link

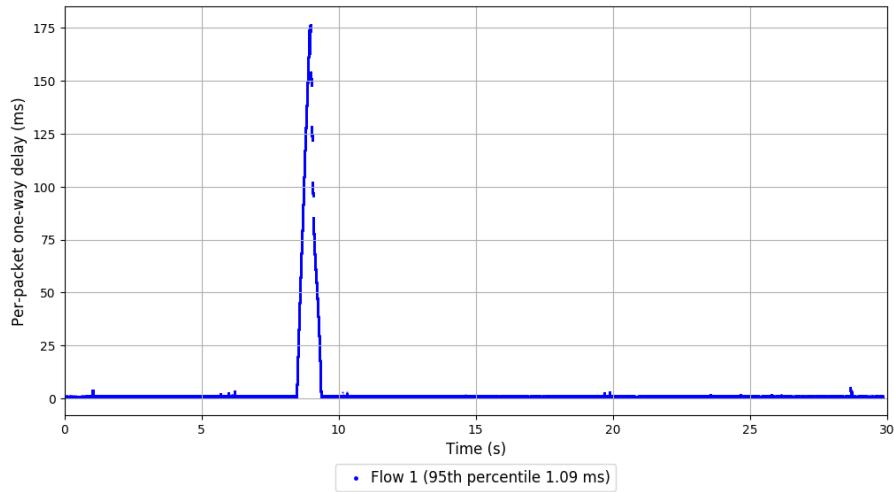
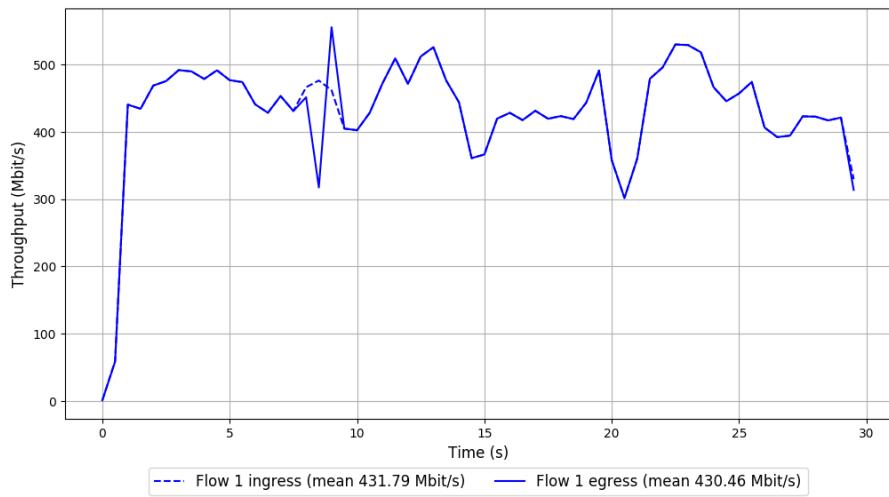


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-04-24 06:17:12
End at: 2018-04-24 06:17:42
Local clock offset: -2.262 ms
Remote clock offset: -6.664 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 430.46 Mbit/s
95th percentile per-packet one-way delay: 1.088 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 430.46 Mbit/s
95th percentile per-packet one-way delay: 1.088 ms
Loss rate: 0.37%
```

Run 3: Report of PCC-Vivace — Data Link

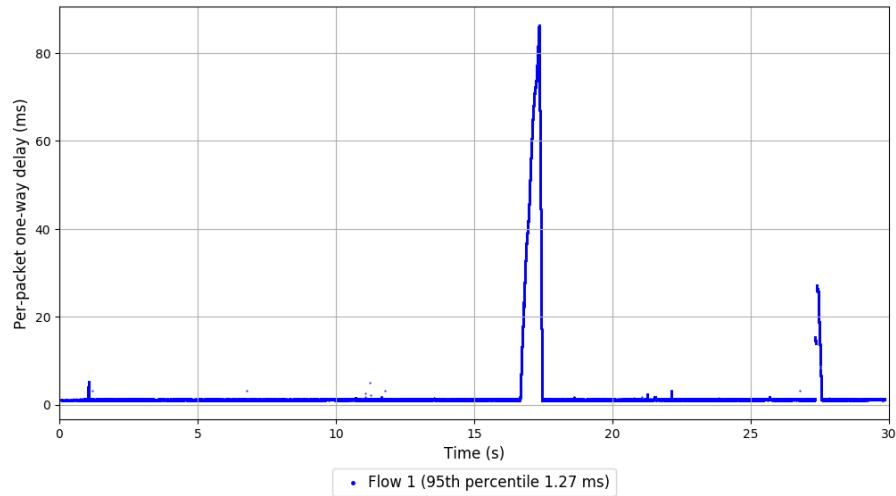
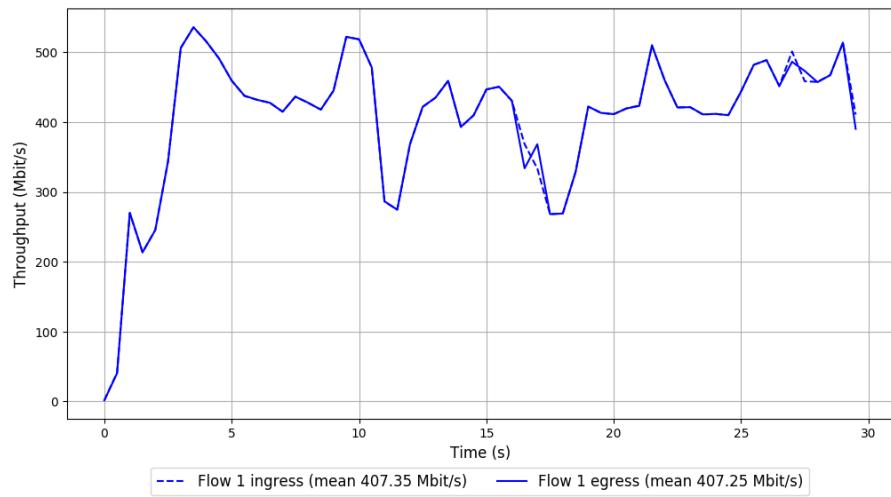


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-04-24 06:42:30
End at: 2018-04-24 06:43:01
Local clock offset: -1.572 ms
Remote clock offset: -7.144 ms

# Below is generated by plot.py at 2018-04-24 15:20:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 407.25 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 407.25 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.09%
```

Run 4: Report of PCC-Vivace — Data Link

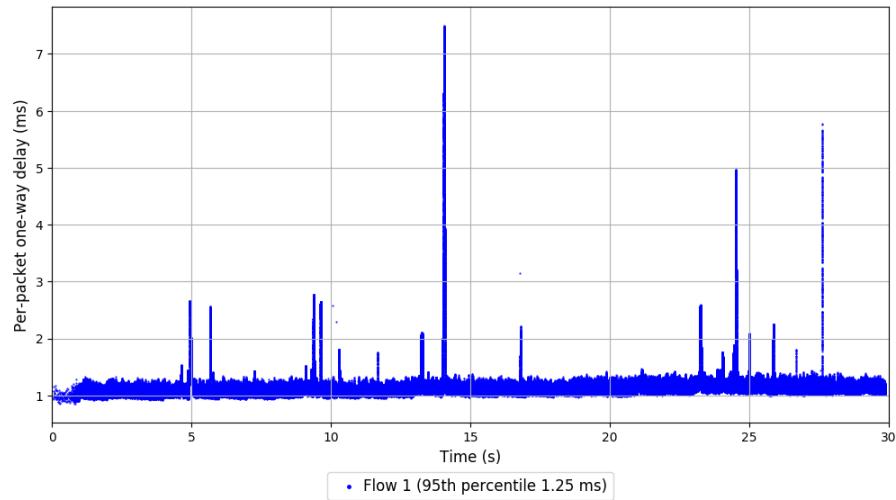
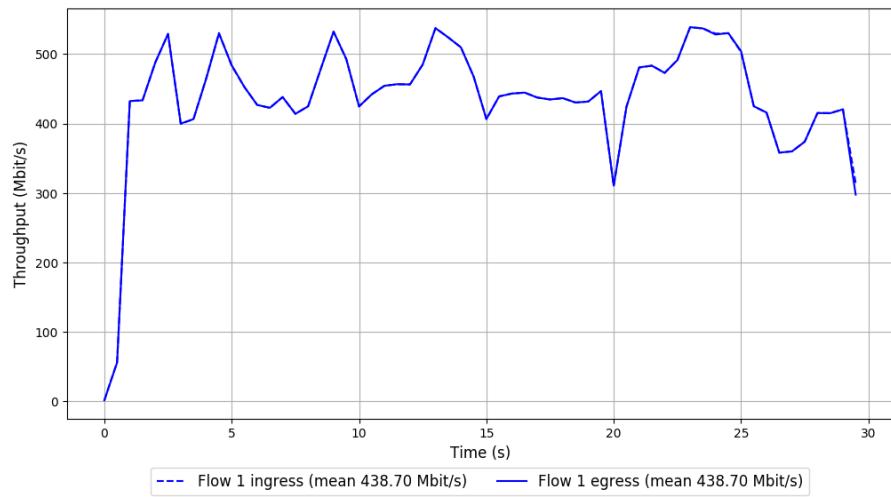


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-04-24 07:08:01
End at: 2018-04-24 07:08:31
Local clock offset: 0.768 ms
Remote clock offset: -7.048 ms

# Below is generated by plot.py at 2018-04-24 15:20:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 438.70 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 438.70 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.07%
```

Run 5: Report of PCC-Vivace — Data Link

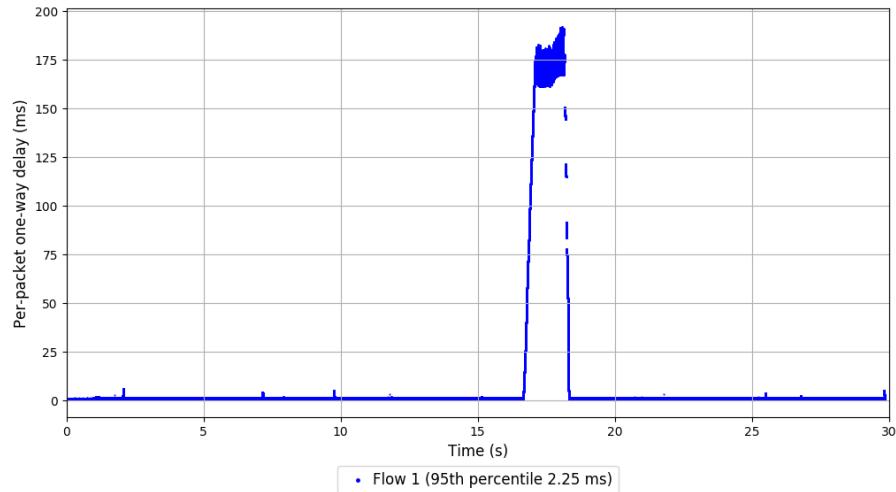
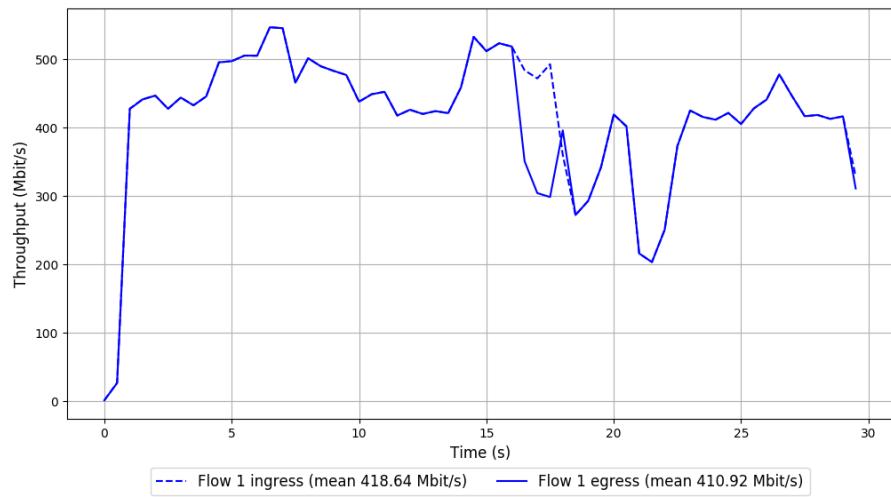


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-04-24 07:33:19
End at: 2018-04-24 07:33:49
Local clock offset: -0.71 ms
Remote clock offset: -4.907 ms

# Below is generated by plot.py at 2018-04-24 15:20:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 410.92 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 410.92 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 1.91%
```

Run 6: Report of PCC-Vivace — Data Link

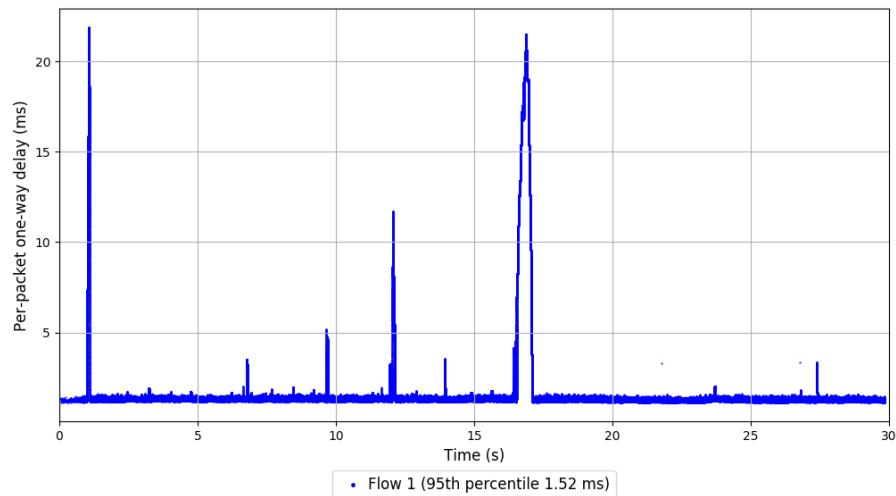
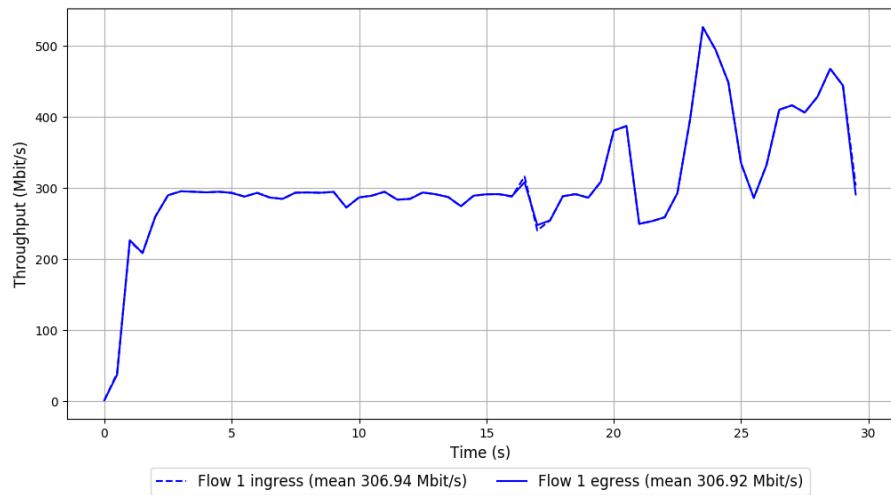


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-04-24 07:58:40
End at: 2018-04-24 07:59:10
Local clock offset: -1.225 ms
Remote clock offset: -6.15 ms

# Below is generated by plot.py at 2018-04-24 15:21:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 306.92 Mbit/s
95th percentile per-packet one-way delay: 1.524 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 306.92 Mbit/s
95th percentile per-packet one-way delay: 1.524 ms
Loss rate: 0.08%
```

Run 7: Report of PCC-Vivace — Data Link

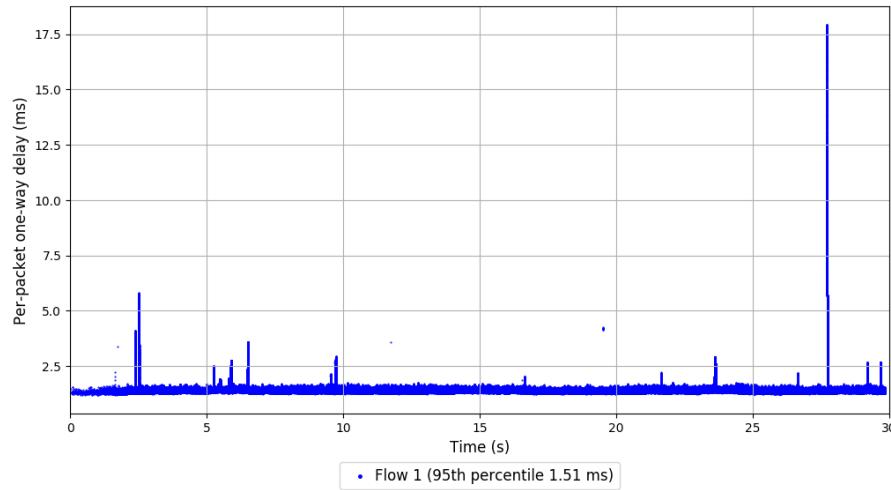
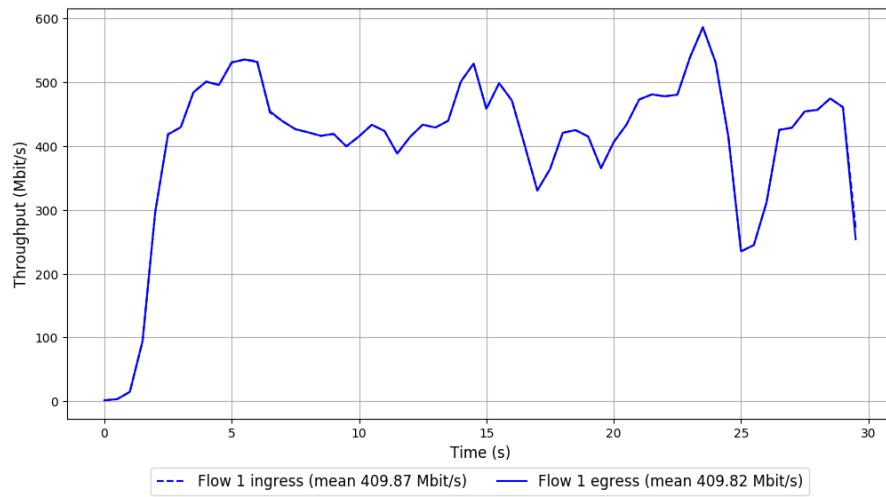


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-04-24 08:24:00
End at: 2018-04-24 08:24:30
Local clock offset: -1.11 ms
Remote clock offset: -6.339 ms

# Below is generated by plot.py at 2018-04-24 15:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 409.82 Mbit/s
95th percentile per-packet one-way delay: 1.507 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 409.82 Mbit/s
95th percentile per-packet one-way delay: 1.507 ms
Loss rate: 0.08%
```

Run 8: Report of PCC-Vivace — Data Link

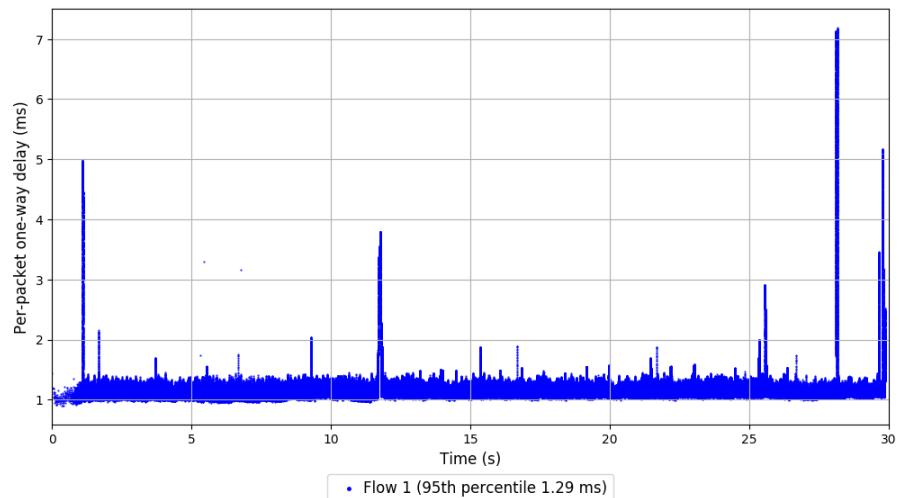
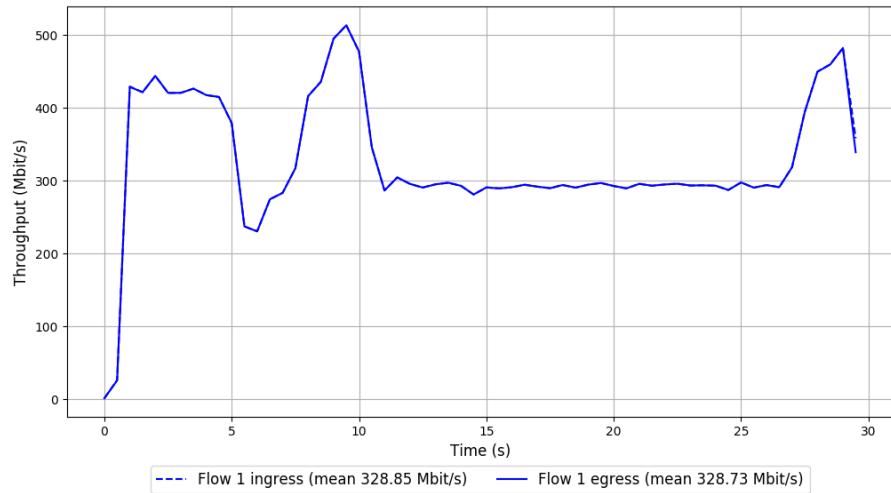


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-04-24 08:49:14
End at: 2018-04-24 08:49:44
Local clock offset: -0.807 ms
Remote clock offset: -6.283 ms

# Below is generated by plot.py at 2018-04-24 15:21:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 328.73 Mbit/s
95th percentile per-packet one-way delay: 1.295 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 328.73 Mbit/s
95th percentile per-packet one-way delay: 1.295 ms
Loss rate: 0.10%
```

Run 9: Report of PCC-Vivace — Data Link

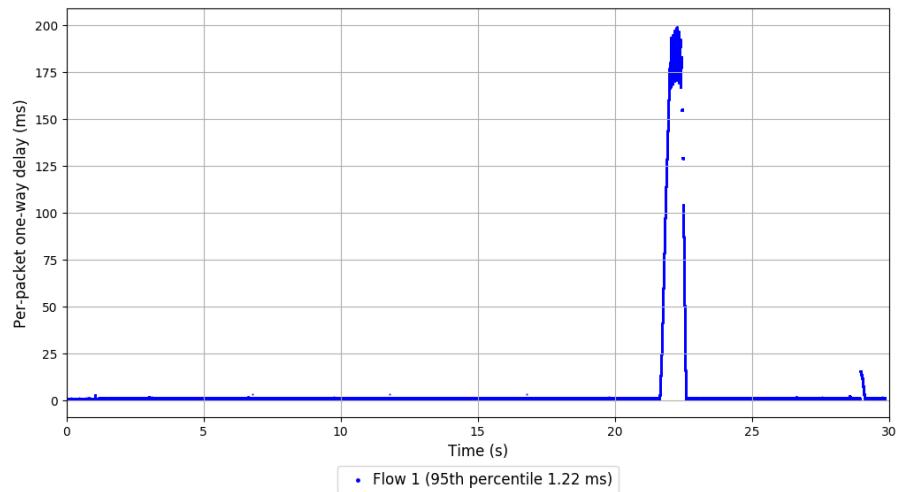
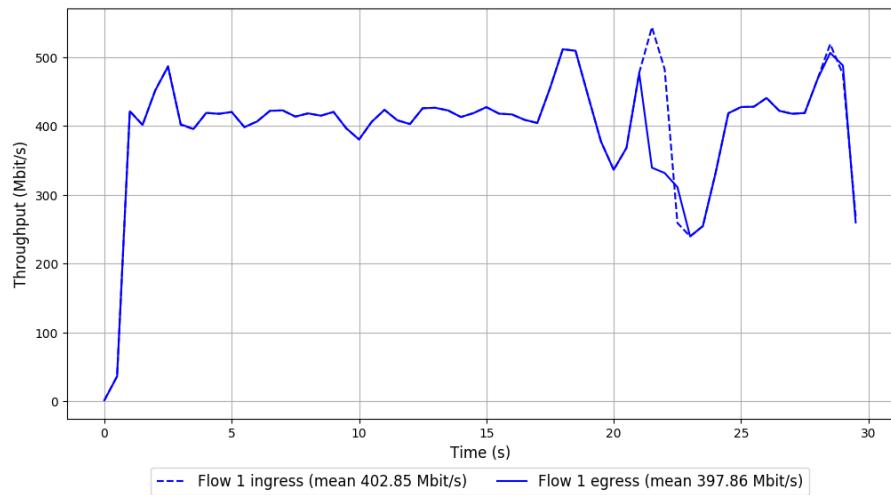


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-04-24 09:14:29
End at: 2018-04-24 09:14:59
Local clock offset: -0.398 ms
Remote clock offset: -5.102 ms

# Below is generated by plot.py at 2018-04-24 15:21:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 397.86 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 397.86 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 1.30%
```

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-04-24 05:19:22

End at: 2018-04-24 05:19:52

Local clock offset: -1.127 ms

Remote clock offset: -5.091 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-04-24 05:44:47
End at: 2018-04-24 05:45:17
Local clock offset: -1.648 ms
Remote clock offset: -5.121 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-04-24 06:10:05

End at: 2018-04-24 06:10:35

Local clock offset: -3.667 ms

Remote clock offset: -6.258 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-04-24 06:35:25
End at: 2018-04-24 06:35:55
Local clock offset: -1.297 ms
Remote clock offset: -6.982 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

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Run 5: Statistics of PCC-Expr

Start at: 2018-04-24 07:00:51
End at: 2018-04-24 07:01:21
Local clock offset: 0.653 ms
Remote clock offset: -7.488 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

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Run 6: Statistics of PCC-Expr

Start at: 2018-04-24 07:26:11
End at: 2018-04-24 07:26:42
Local clock offset: -0.093 ms
Remote clock offset: -5.162 ms

Run 6: Report of PCC-Expr — Data Link

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Run 7: Statistics of PCC-Expr

Start at: 2018-04-24 07:51:31
End at: 2018-04-24 07:52:01
Local clock offset: -1.64 ms
Remote clock offset: -5.879 ms

Run 7: Report of PCC-Expr — Data Link

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Run 8: Statistics of PCC-Expr

Start at: 2018-04-24 08:16:54

End at: 2018-04-24 08:17:24

Local clock offset: -1.273 ms

Remote clock offset: -6.32 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-04-24 08:42:09

End at: 2018-04-24 08:42:39

Local clock offset: -0.855 ms

Remote clock offset: -6.269 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

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Run 10: Statistics of PCC-Expr

Start at: 2018-04-24 09:07:19

End at: 2018-04-24 09:07:49

Local clock offset: -0.563 ms

Remote clock offset: -5.222 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

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