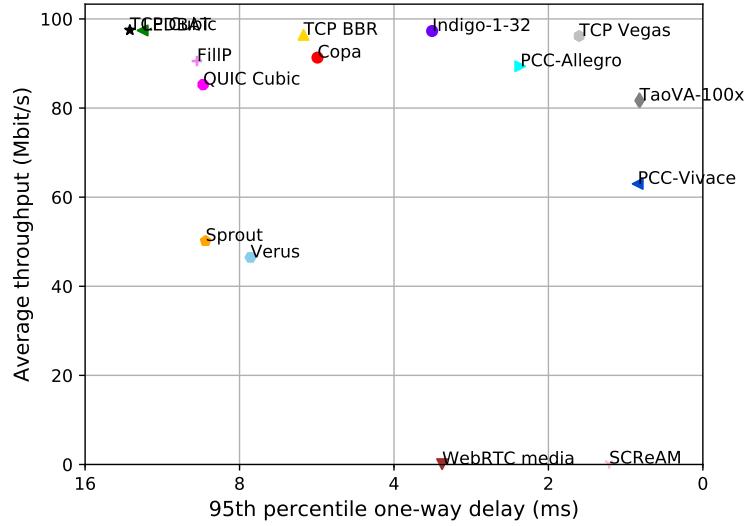


Pantheon Report

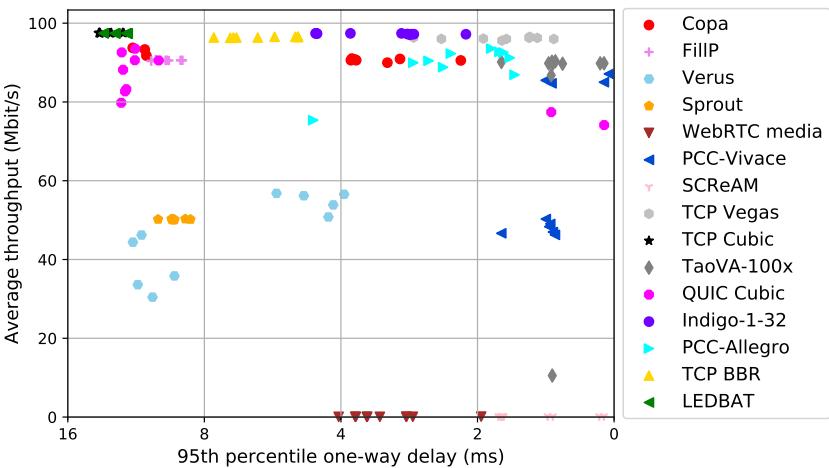
Generated at 2018-04-17 08:10:57 (UTC).
Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).
Repeated the test of 16 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ b3d6e7098641364fd3a292656a51aa81e316d0b4  
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681  
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 Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



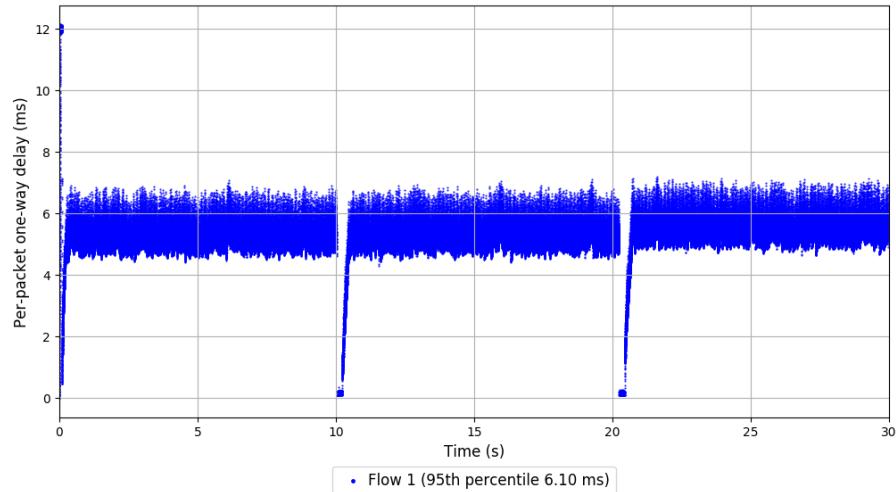
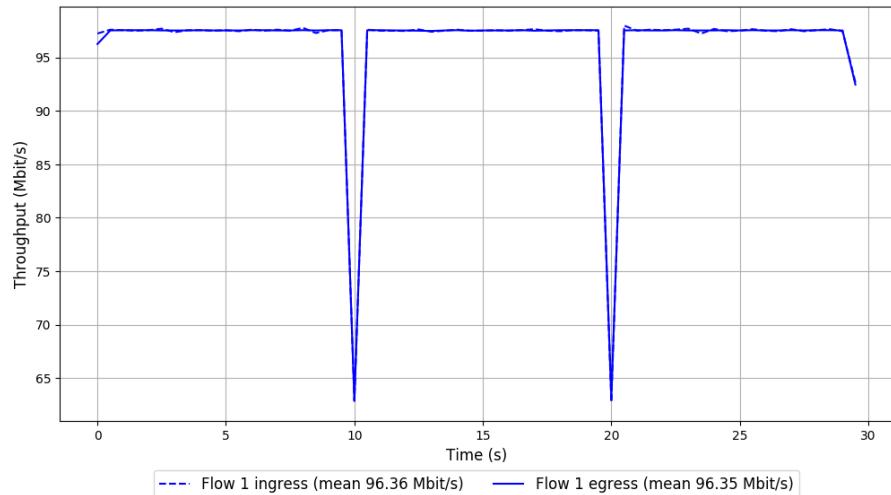
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.43	6.00	0.02
TCP Cubic	10	97.50	13.09	0.05
LEDBAT	10	97.42	12.36	0.04
PCC-Allegro	10	89.38	2.27	0.01
QUIC Cubic	10	85.27	9.42	0.03
SCReAM	10	0.22	1.21	0.00
WebRTC media	10	0.07	3.22	0.01
Sprout	10	50.18	9.32	0.02
TaoVA-100x	10	81.68	0.82	0.01
TCP Vegas	10	96.16	1.60	0.01
Verus	10	46.47	7.62	0.01
Copa	10	91.32	5.64	0.02
FillP	10	90.55	9.69	0.02
Indigo-1-32	10	97.29	3.37	0.01
PCC-Vivace	10	62.99	0.84	0.01
PCC-Expr	0	N/A	N/A	N/A

Run 1: Statistics of TCP BBR

```
Start at: 2018-04-17 01:23:42
End at: 2018-04-17 01:24:12
Local clock offset: -6.285 ms
Remote clock offset: -6.597 ms

# Below is generated by plot.py at 2018-04-17 07:48:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 6.102 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 6.102 ms
Loss rate: 0.02%
```

Run 1: Report of TCP BBR — Data Link

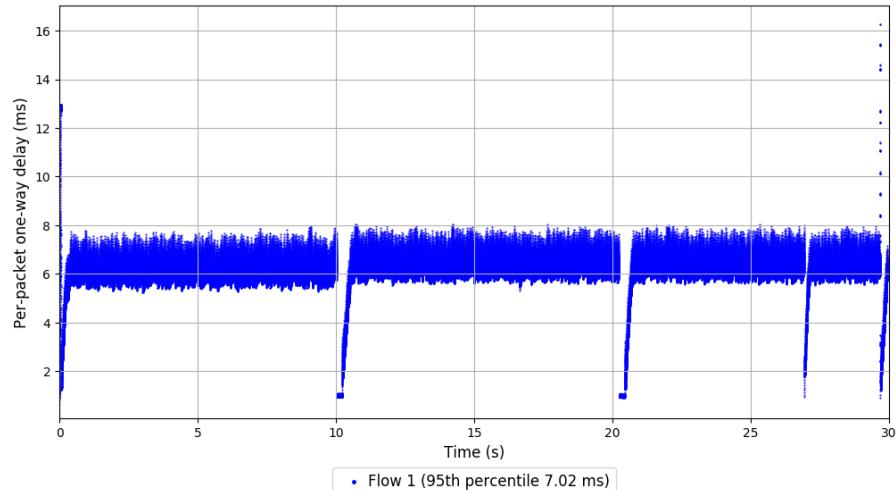
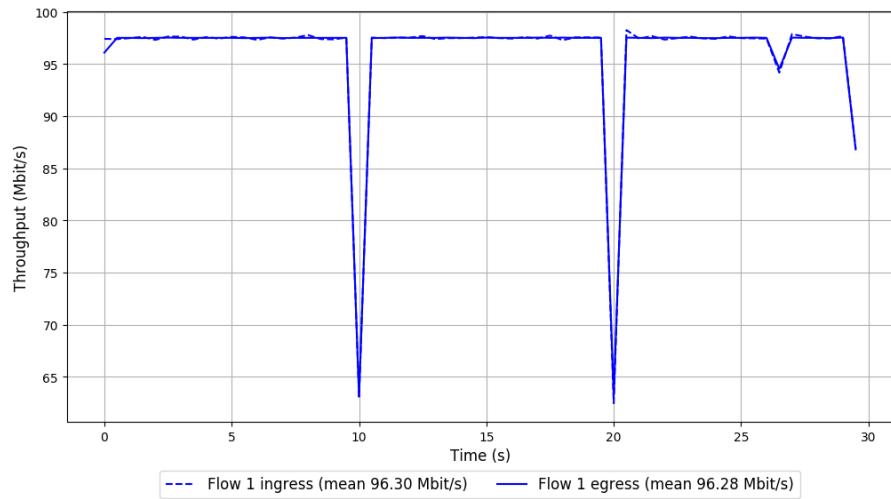


Run 2: Statistics of TCP BBR

```
Start at: 2018-04-17 01:42:46
End at: 2018-04-17 01:43:16
Local clock offset: -5.631 ms
Remote clock offset: -6.705 ms

# Below is generated by plot.py at 2018-04-17 07:48:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 7.016 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 7.016 ms
Loss rate: 0.02%
```

Run 2: Report of TCP BBR — Data Link

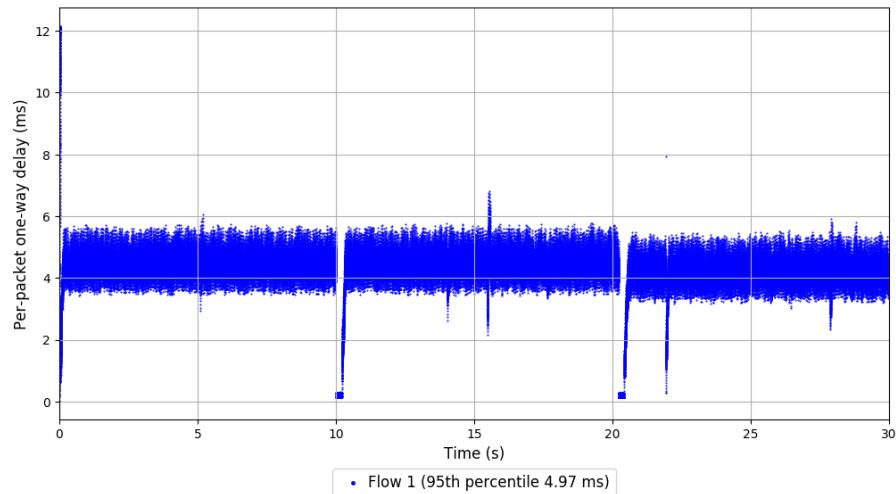
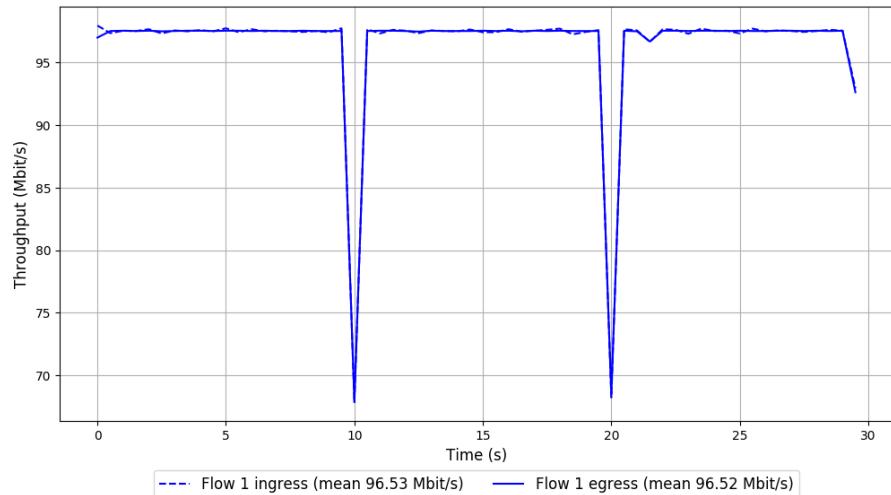


Run 3: Statistics of TCP BBR

```
Start at: 2018-04-17 02:01:42
End at: 2018-04-17 02:02:12
Local clock offset: -6.543 ms
Remote clock offset: -6.973 ms

# Below is generated by plot.py at 2018-04-17 07:48:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 4.972 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 4.972 ms
Loss rate: 0.02%
```

Run 3: Report of TCP BBR — Data Link

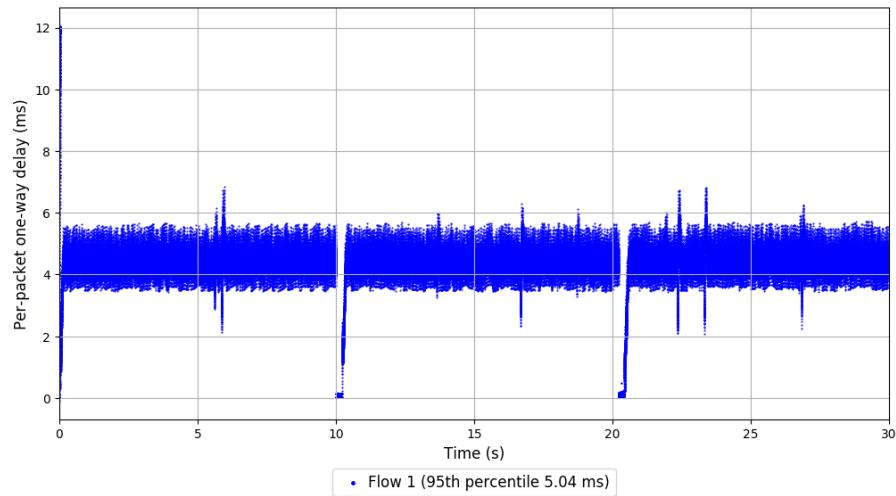
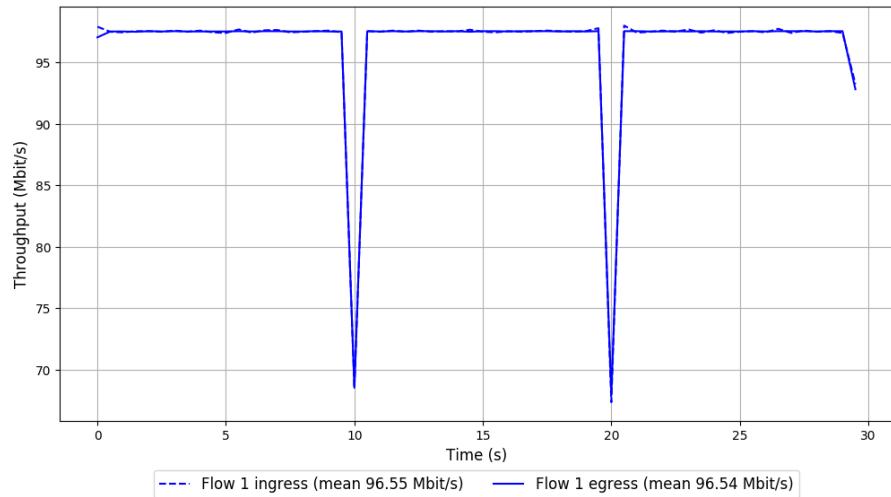


Run 4: Statistics of TCP BBR

```
Start at: 2018-04-17 02:20:44
End at: 2018-04-17 02:21:14
Local clock offset: -6.798 ms
Remote clock offset: -6.604 ms

# Below is generated by plot.py at 2018-04-17 07:48:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 5.042 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 5.042 ms
Loss rate: 0.02%
```

Run 4: Report of TCP BBR — Data Link

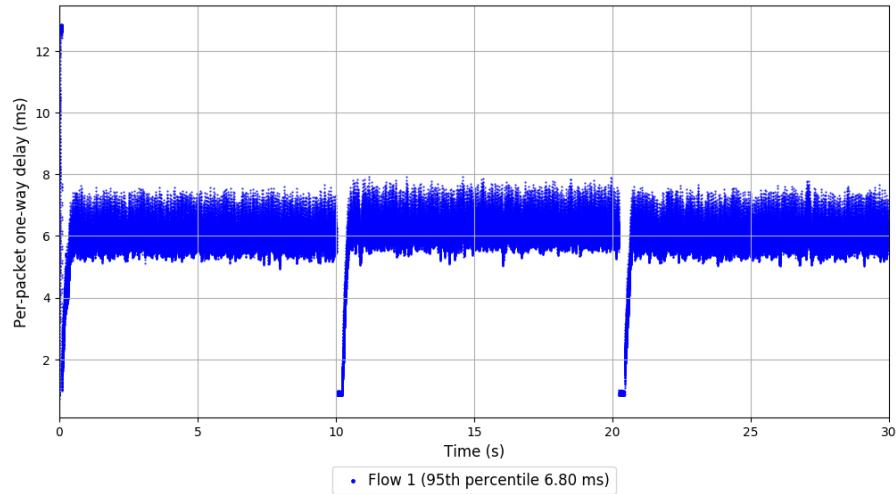
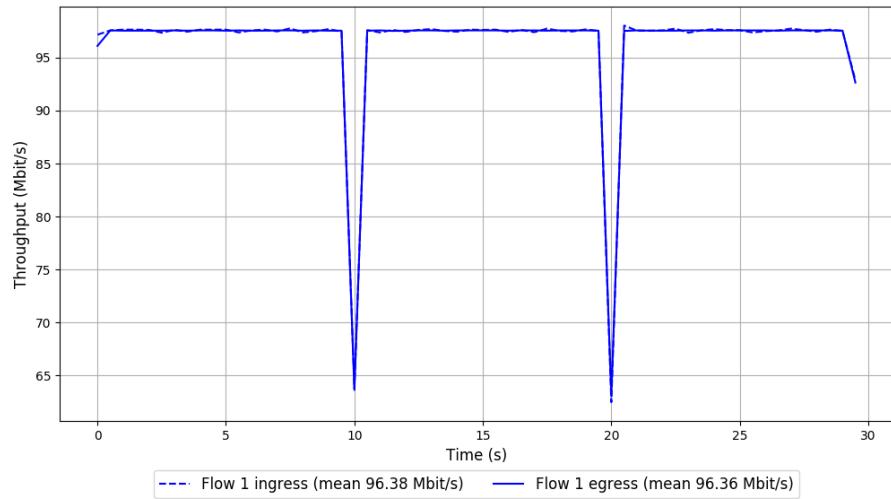


Run 5: Statistics of TCP BBR

```
Start at: 2018-04-17 02:39:46
End at: 2018-04-17 02:40:16
Local clock offset: -5.834 ms
Remote clock offset: -6.21 ms

# Below is generated by plot.py at 2018-04-17 07:48:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 6.800 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 6.800 ms
Loss rate: 0.02%
```

Run 5: Report of TCP BBR — Data Link

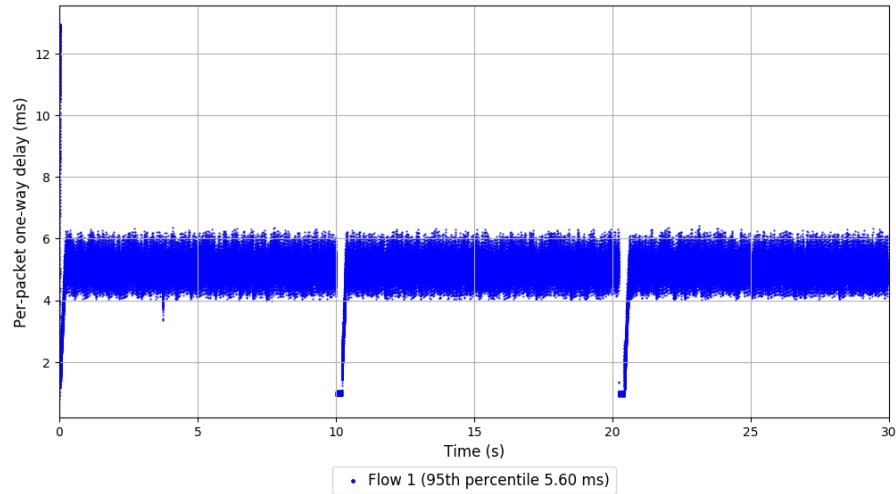
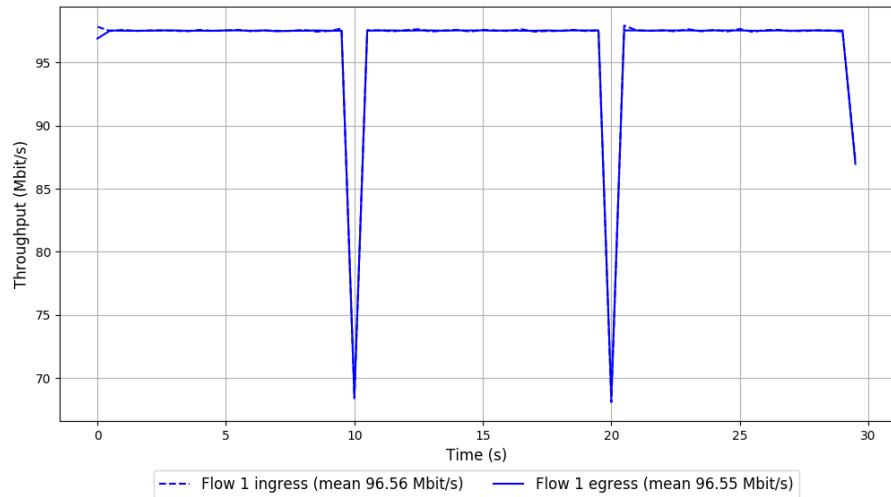


Run 6: Statistics of TCP BBR

```
Start at: 2018-04-17 02:58:48
End at: 2018-04-17 02:59:18
Local clock offset: -5.585 ms
Remote clock offset: -6.572 ms

# Below is generated by plot.py at 2018-04-17 07:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 5.602 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 5.602 ms
Loss rate: 0.02%
```

Run 6: Report of TCP BBR — Data Link

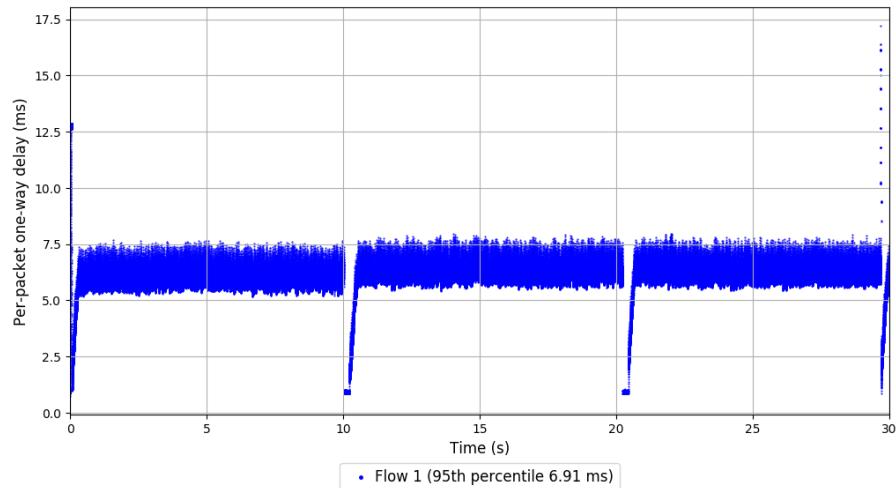
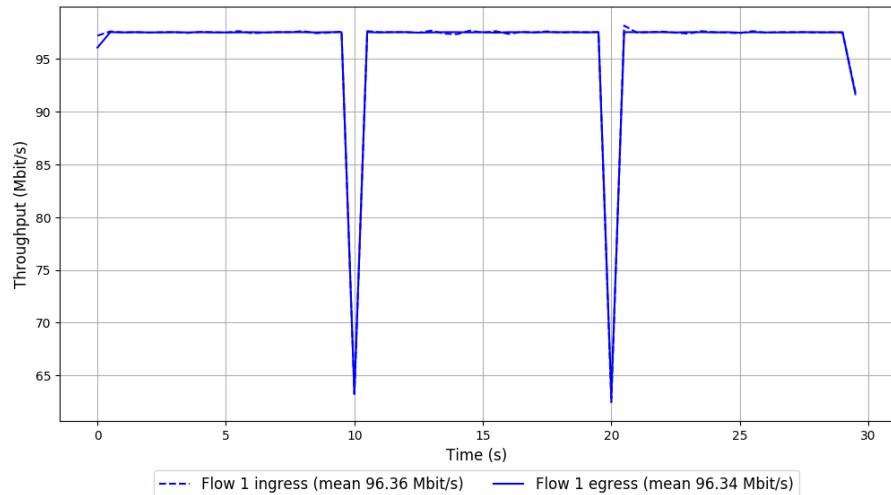


Run 7: Statistics of TCP BBR

```
Start at: 2018-04-17 03:17:51
End at: 2018-04-17 03:18:21
Local clock offset: -5.695 ms
Remote clock offset: -6.507 ms

# Below is generated by plot.py at 2018-04-17 07:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 6.906 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 6.906 ms
Loss rate: 0.02%
```

Run 7: Report of TCP BBR — Data Link

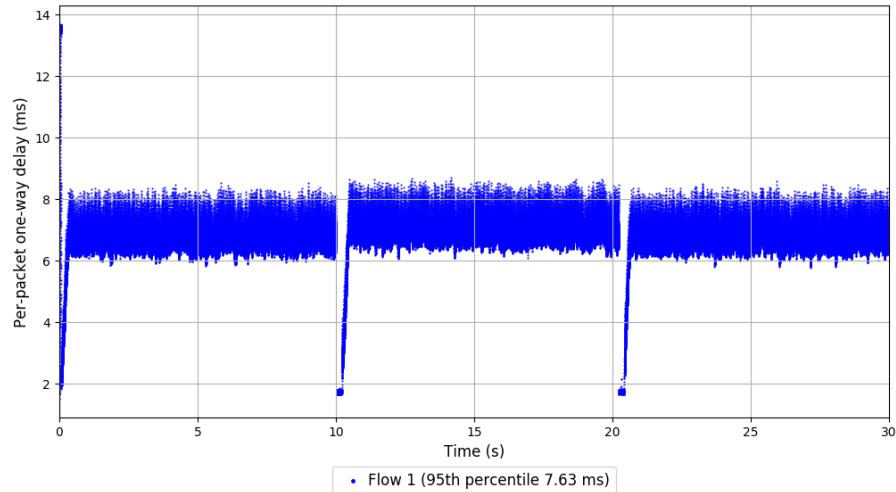
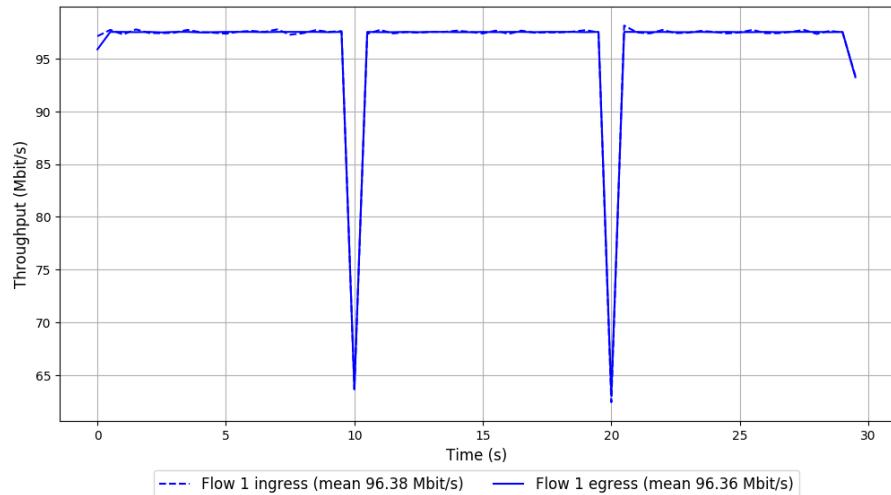


Run 8: Statistics of TCP BBR

```
Start at: 2018-04-17 03:36:56
End at: 2018-04-17 03:37:27
Local clock offset: -4.994 ms
Remote clock offset: -7.004 ms

# Below is generated by plot.py at 2018-04-17 07:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 7.626 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 7.626 ms
Loss rate: 0.02%
```

Run 8: Report of TCP BBR — Data Link

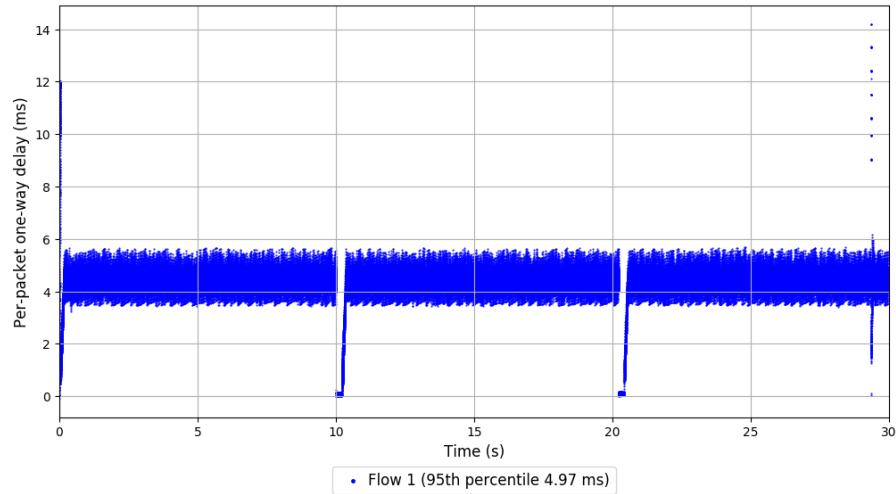
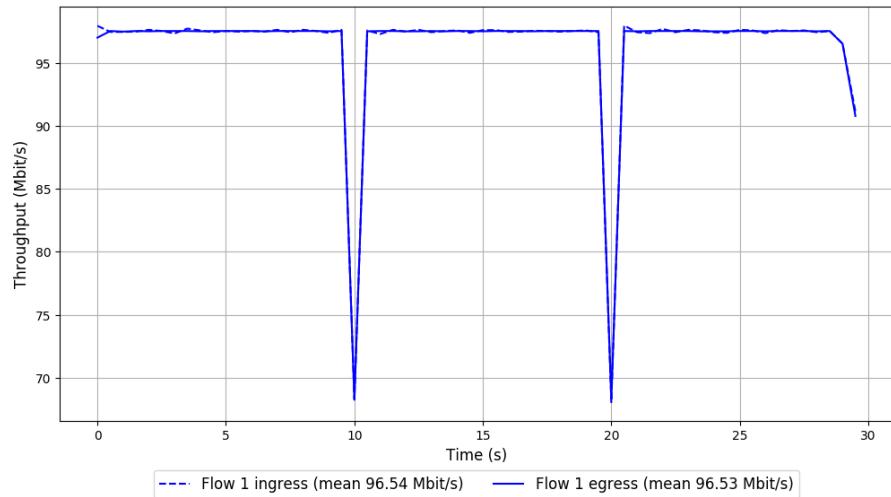


Run 9: Statistics of TCP BBR

```
Start at: 2018-04-17 03:56:01
End at: 2018-04-17 03:56:31
Local clock offset: -6.592 ms
Remote clock offset: -7.128 ms

# Below is generated by plot.py at 2018-04-17 07:49:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 4.972 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 4.972 ms
Loss rate: 0.02%
```

Run 9: Report of TCP BBR — Data Link

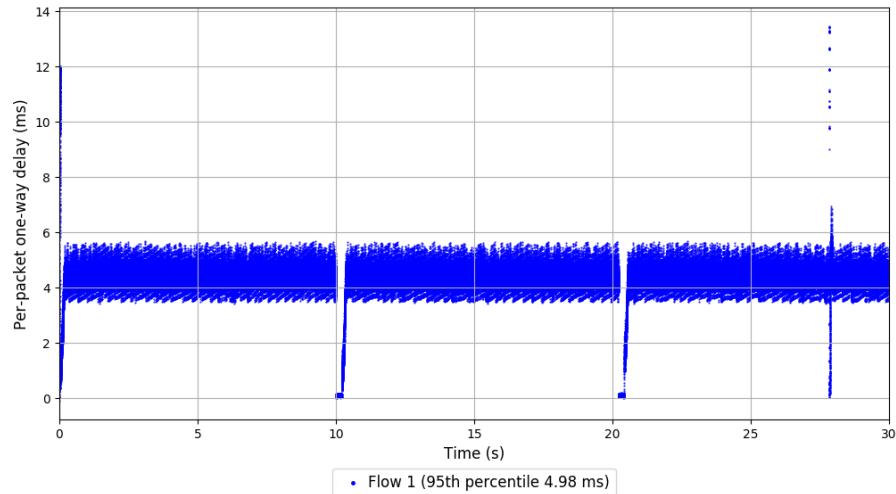
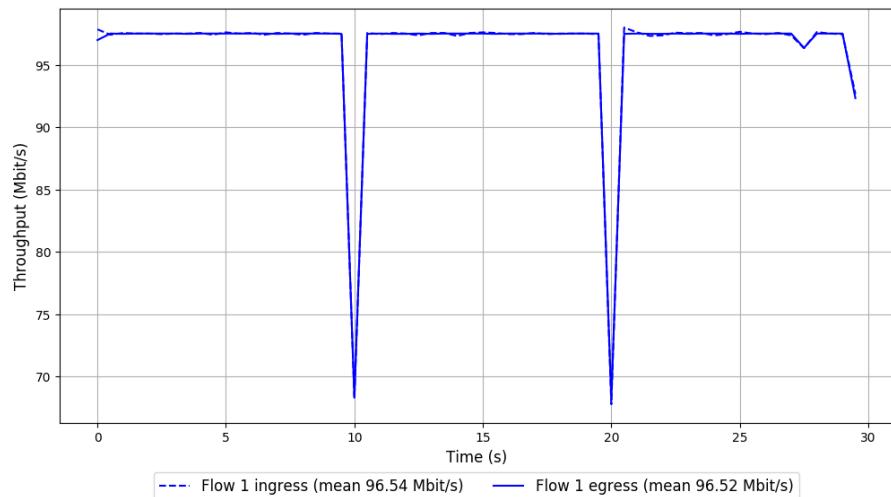


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-04-17 04:15:04
End at: 2018-04-17 04:15:34
Local clock offset: -6.63 ms
Remote clock offset: -7.027 ms

# Below is generated by plot.py at 2018-04-17 07:49:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 4.980 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 4.980 ms
Loss rate: 0.02%
```

Run 10: Report of TCP BBR — Data Link

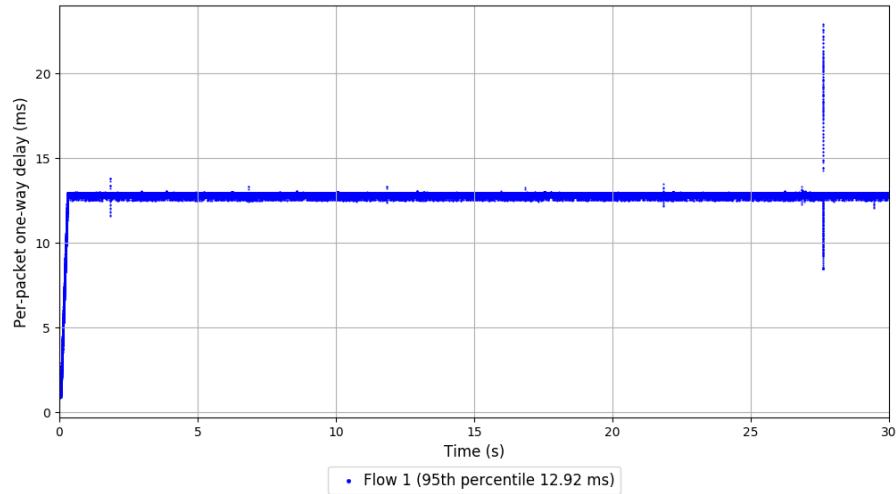
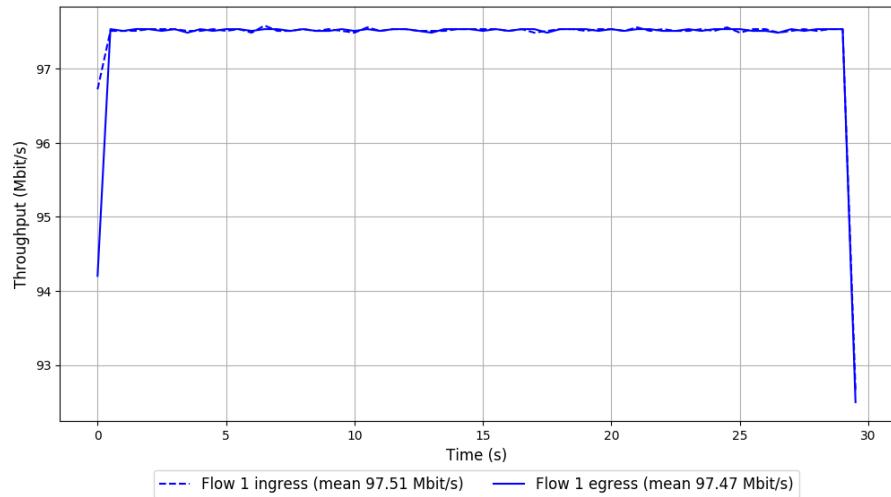


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-04-17 01:37:05
End at: 2018-04-17 01:37:35
Local clock offset: -5.585 ms
Remote clock offset: -6.525 ms

# Below is generated by plot.py at 2018-04-17 07:49:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 12.919 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 12.919 ms
Loss rate: 0.05%
```

Run 1: Report of TCP Cubic — Data Link

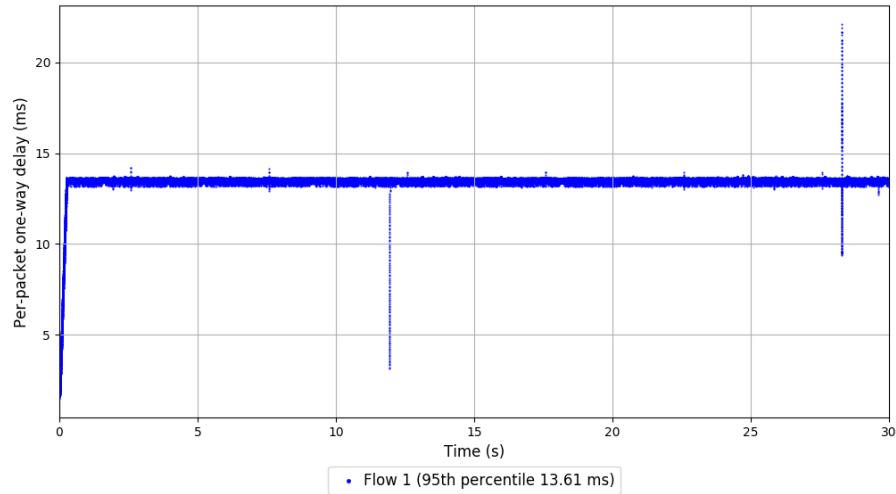
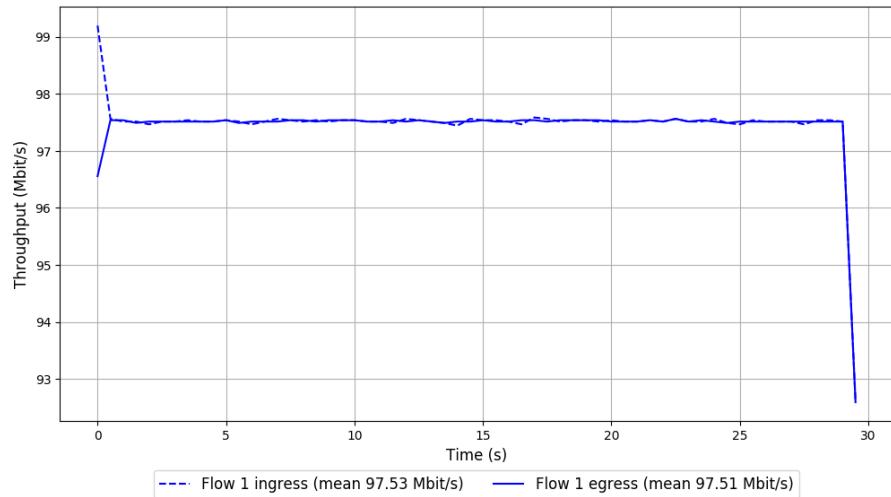


Run 2: Statistics of TCP Cubic

```
Start at: 2018-04-17 01:56:02
End at: 2018-04-17 01:56:32
Local clock offset: -4.927 ms
Remote clock offset: -6.874 ms

# Below is generated by plot.py at 2018-04-17 07:49:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 13.611 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 13.611 ms
Loss rate: 0.05%
```

Run 2: Report of TCP Cubic — Data Link

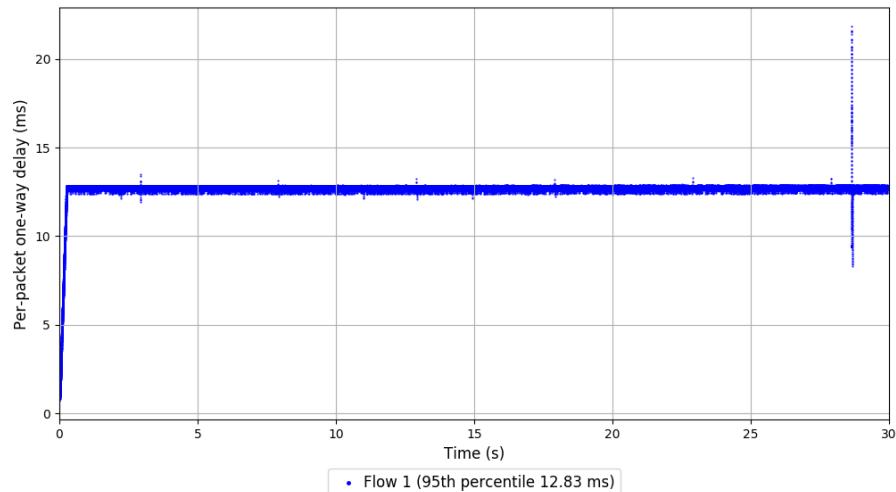
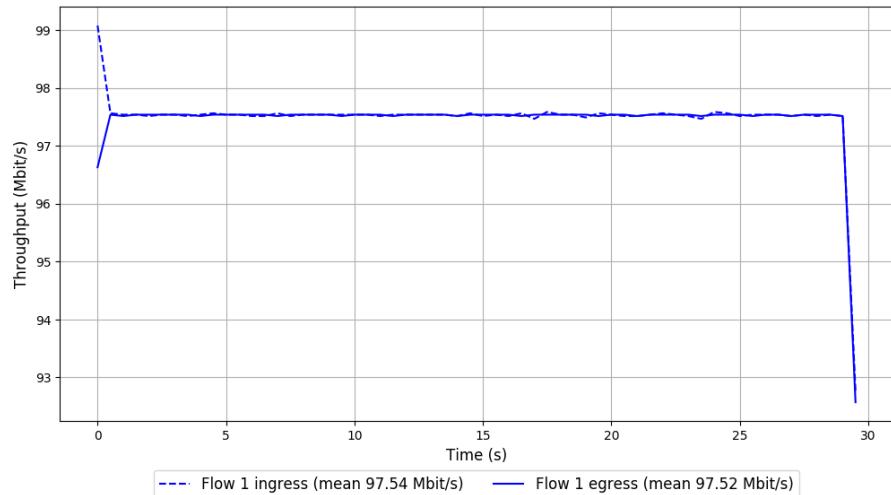


Run 3: Statistics of TCP Cubic

```
Start at: 2018-04-17 02:15:03
End at: 2018-04-17 02:15:33
Local clock offset: -5.978 ms
Remote clock offset: -6.841 ms

# Below is generated by plot.py at 2018-04-17 07:49:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.826 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.826 ms
Loss rate: 0.05%
```

Run 3: Report of TCP Cubic — Data Link

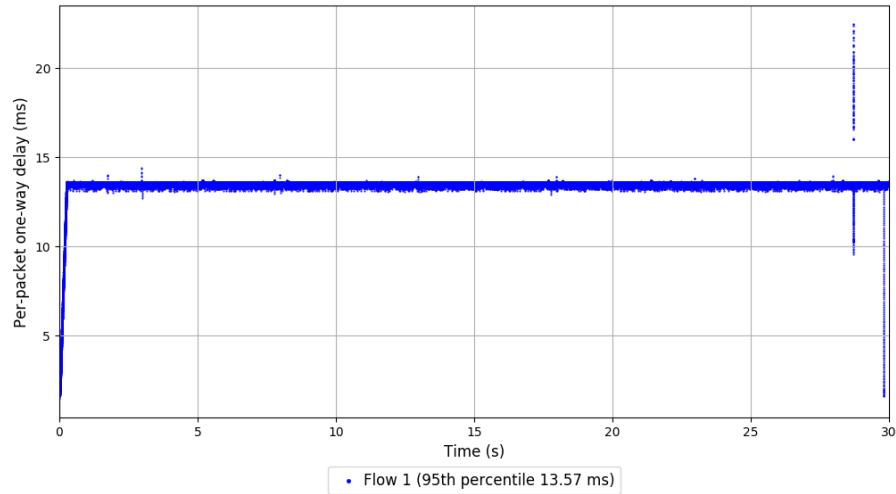
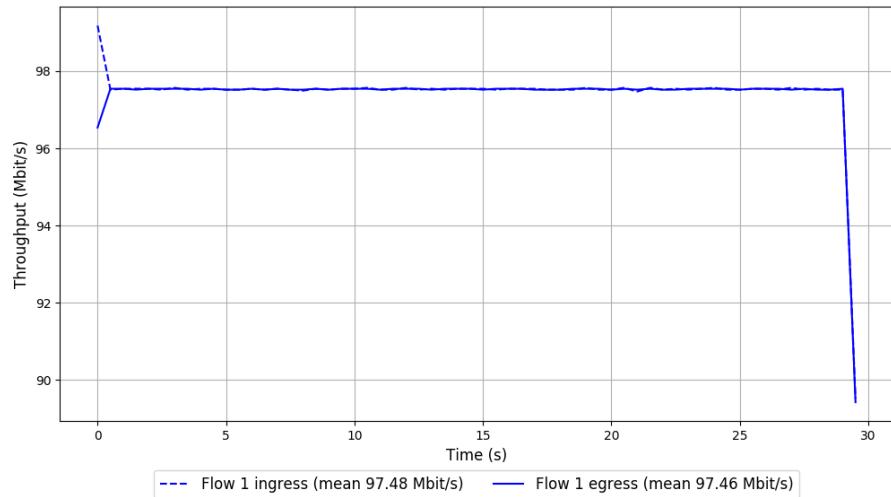


Run 4: Statistics of TCP Cubic

```
Start at: 2018-04-17 02:34:05
End at: 2018-04-17 02:34:35
Local clock offset: -5.28 ms
Remote clock offset: -6.306 ms

# Below is generated by plot.py at 2018-04-17 07:49:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 13.571 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 13.571 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Cubic — Data Link

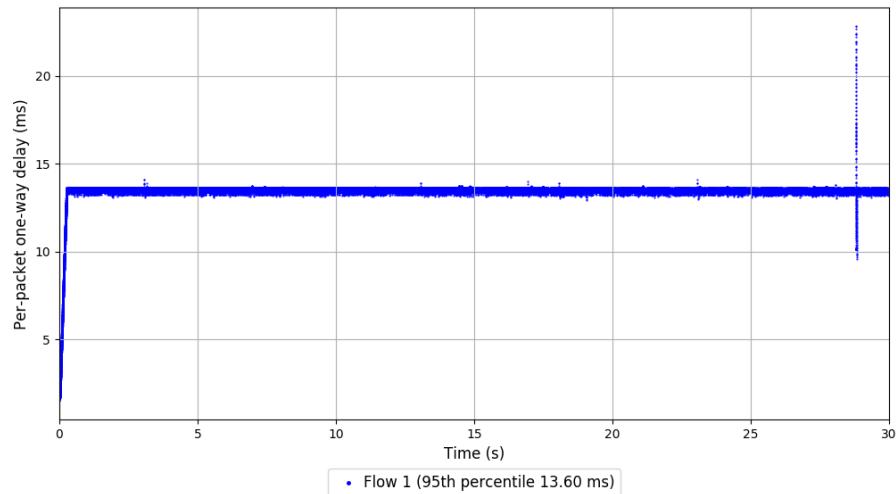
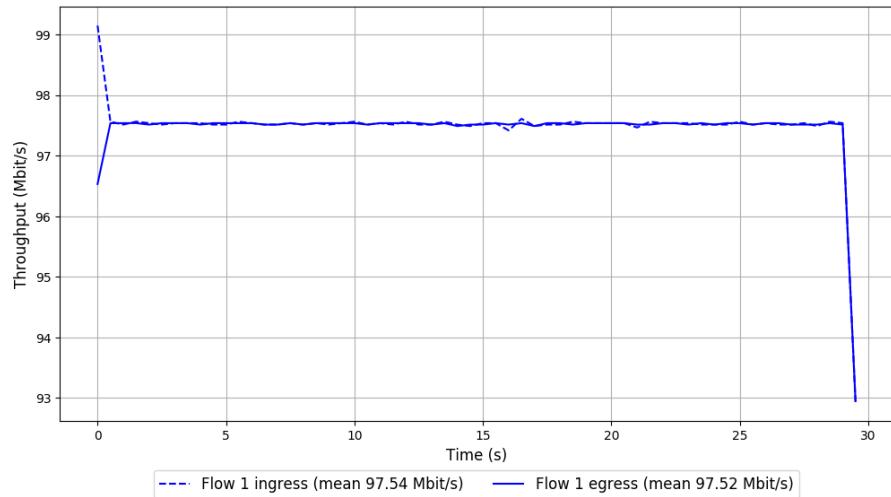


Run 5: Statistics of TCP Cubic

```
Start at: 2018-04-17 02:53:07
End at: 2018-04-17 02:53:37
Local clock offset: -4.856 ms
Remote clock offset: -6.376 ms

# Below is generated by plot.py at 2018-04-17 07:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.603 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.603 ms
Loss rate: 0.05%
```

Run 5: Report of TCP Cubic — Data Link

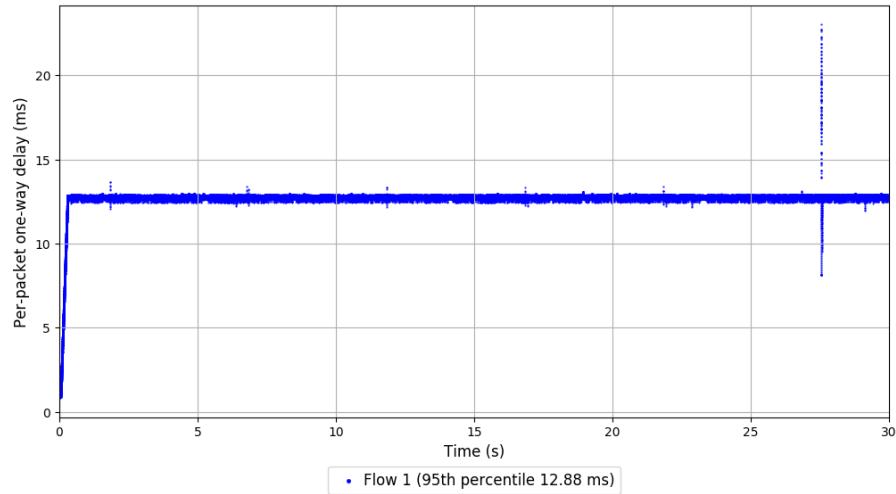
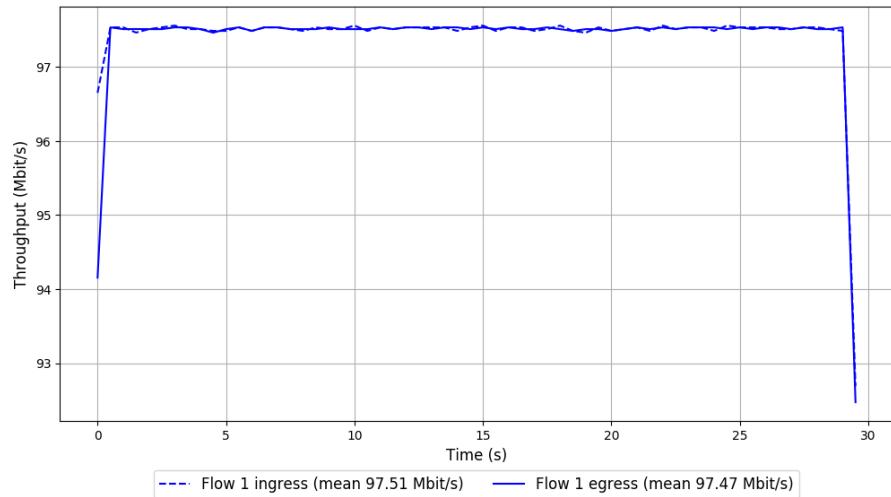


Run 6: Statistics of TCP Cubic

```
Start at: 2018-04-17 03:12:10
End at: 2018-04-17 03:12:40
Local clock offset: -5.591 ms
Remote clock offset: -6.523 ms

# Below is generated by plot.py at 2018-04-17 07:49:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 12.877 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 12.877 ms
Loss rate: 0.05%
```

Run 6: Report of TCP Cubic — Data Link

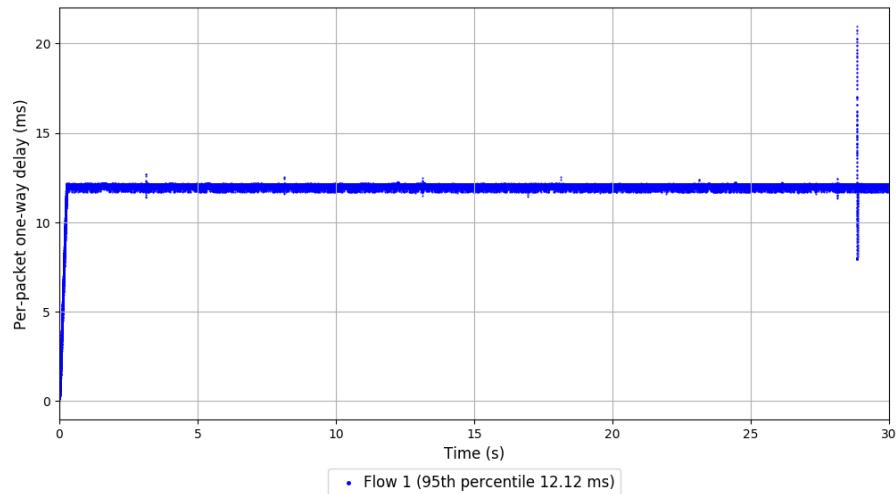
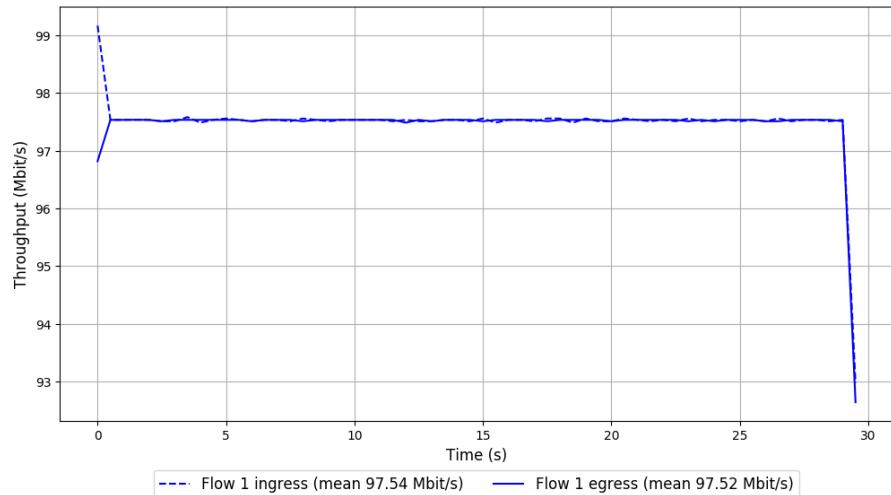


Run 7: Statistics of TCP Cubic

```
Start at: 2018-04-17 03:31:16
End at: 2018-04-17 03:31:46
Local clock offset: -6.466 ms
Remote clock offset: -6.838 ms

# Below is generated by plot.py at 2018-04-17 07:50:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.119 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.119 ms
Loss rate: 0.05%
```

Run 7: Report of TCP Cubic — Data Link

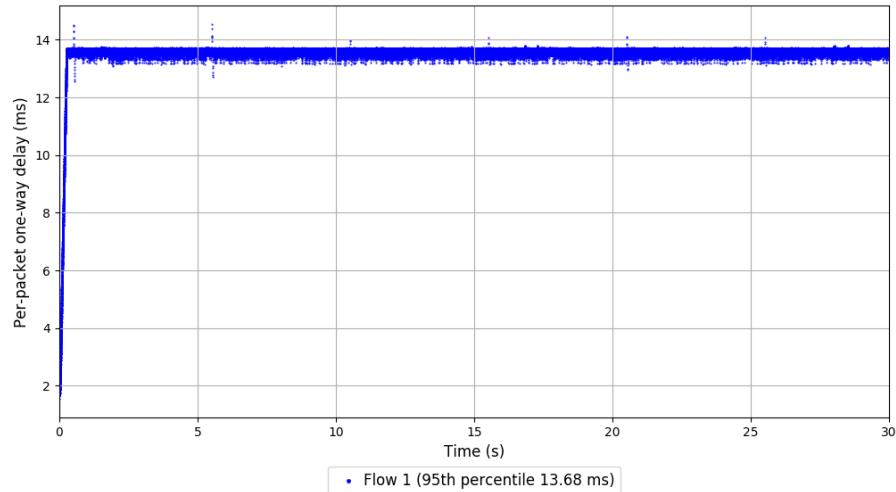
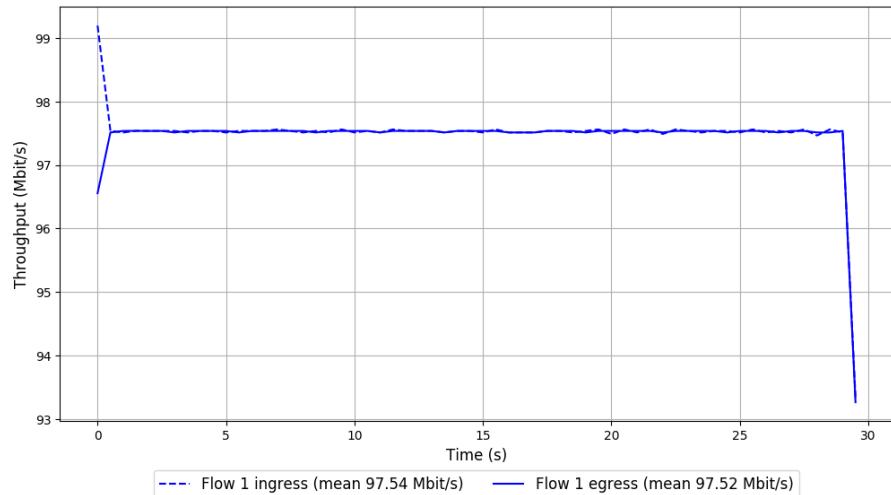


Run 8: Statistics of TCP Cubic

```
Start at: 2018-04-17 03:50:20
End at: 2018-04-17 03:50:50
Local clock offset: -5.01 ms
Remote clock offset: -7.163 ms

# Below is generated by plot.py at 2018-04-17 07:50:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.677 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.677 ms
Loss rate: 0.05%
```

Run 8: Report of TCP Cubic — Data Link

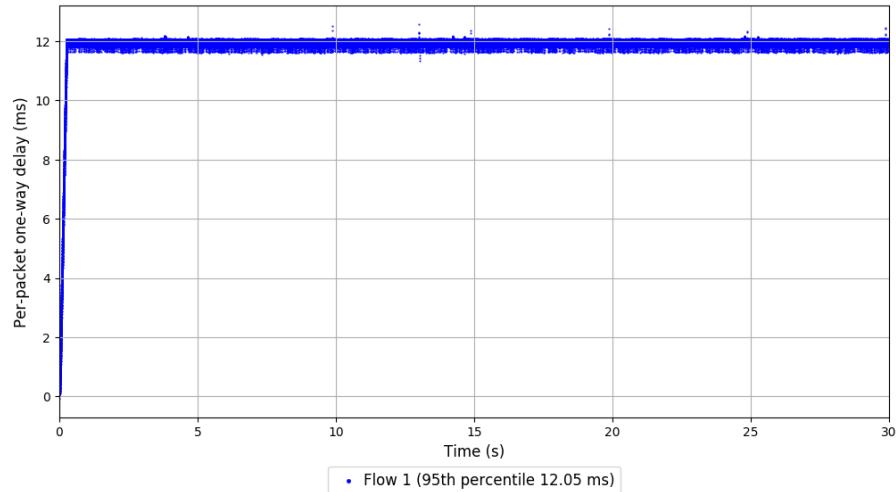
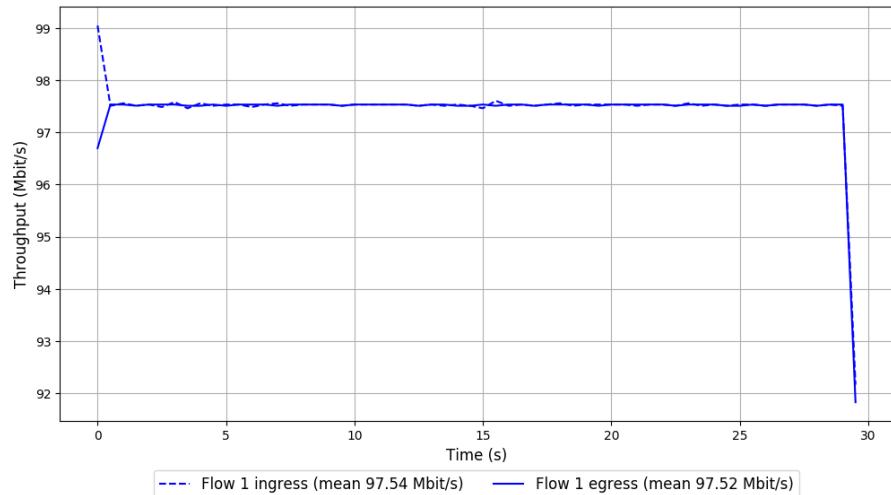


Run 9: Statistics of TCP Cubic

```
Start at: 2018-04-17 04:09:23
End at: 2018-04-17 04:09:53
Local clock offset: -6.562 ms
Remote clock offset: -7.038 ms

# Below is generated by plot.py at 2018-04-17 07:51:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.052 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 12.052 ms
Loss rate: 0.05%
```

Run 9: Report of TCP Cubic — Data Link

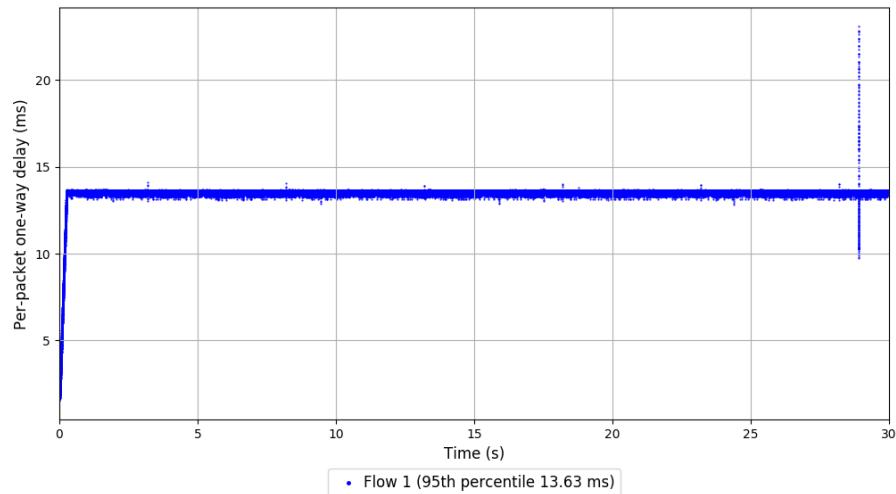
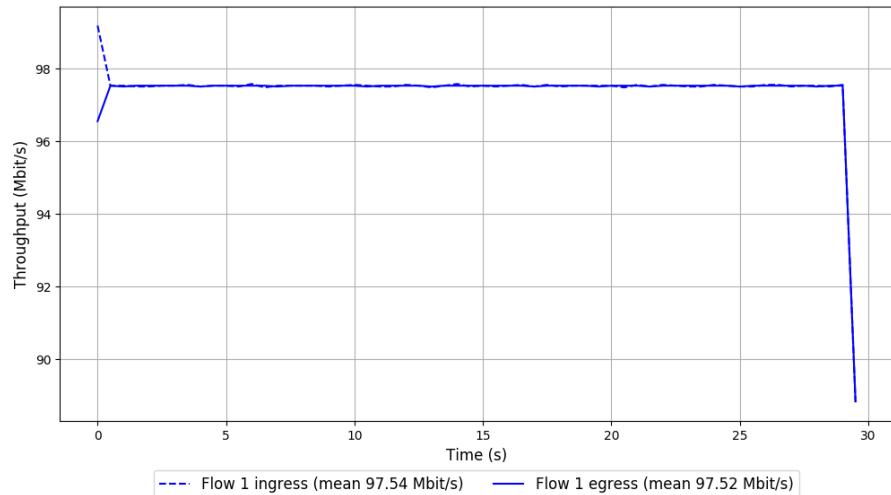


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-04-17 04:28:27
End at: 2018-04-17 04:28:57
Local clock offset: -5.072 ms
Remote clock offset: -7.028 ms

# Below is generated by plot.py at 2018-04-17 07:51:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.631 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 13.631 ms
Loss rate: 0.05%
```

Run 10: Report of TCP Cubic — Data Link

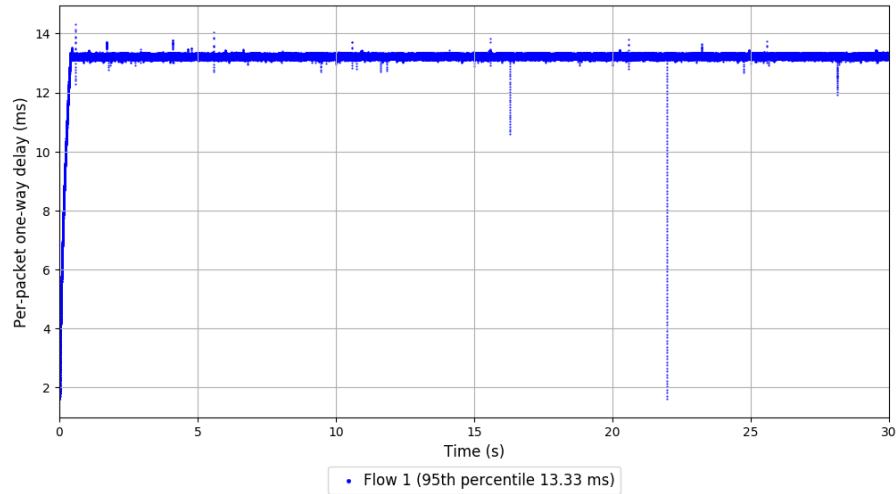
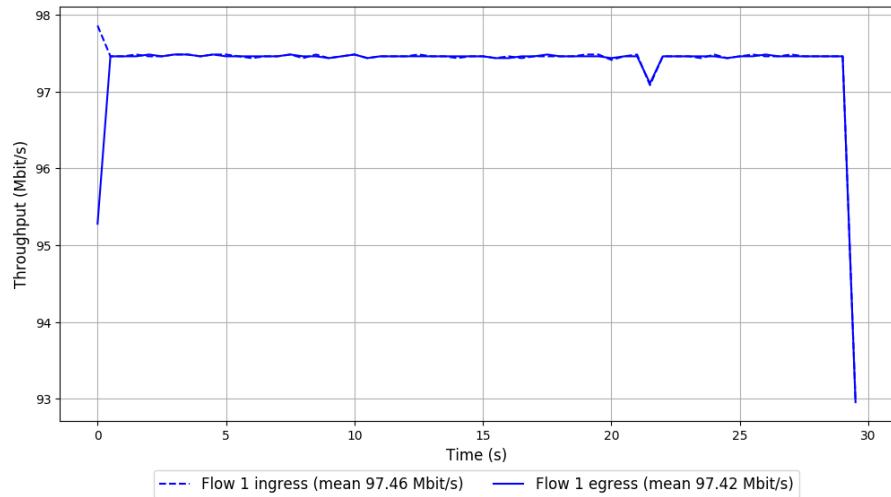


```
Run 1: Statistics of LEDBAT

Start at: 2018-04-17 01:38:13
End at: 2018-04-17 01:38:43
Local clock offset: -4.875 ms
Remote clock offset: -6.511 ms

# Below is generated by plot.py at 2018-04-17 07:51:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 13.326 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 13.326 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link

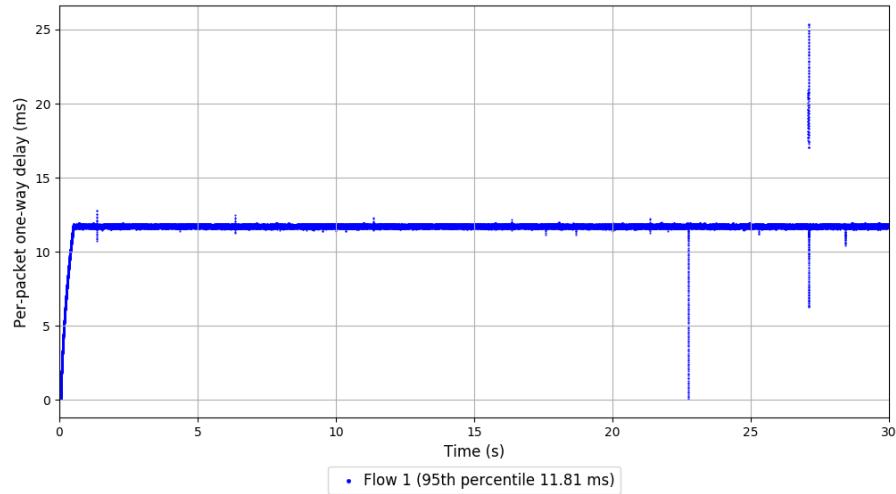
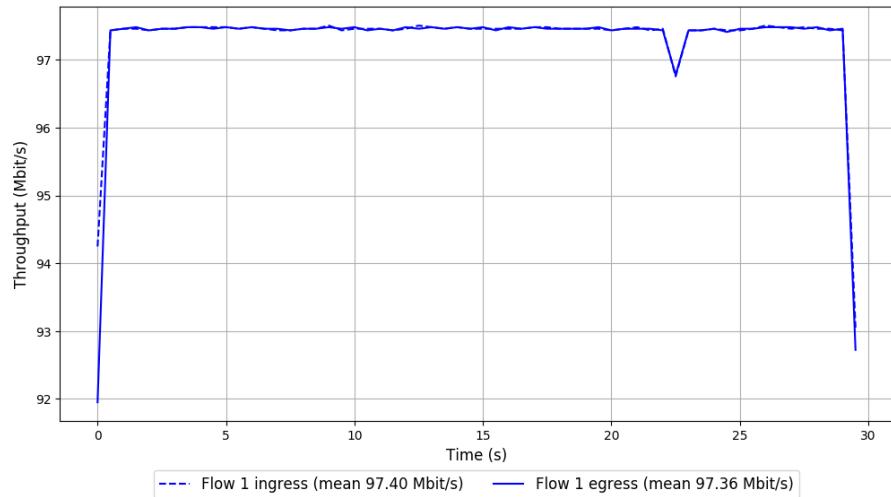


Run 2: Statistics of LEDBAT

```
Start at: 2018-04-17 01:57:10
End at: 2018-04-17 01:57:40
Local clock offset: -6.468 ms
Remote clock offset: -6.871 ms

# Below is generated by plot.py at 2018-04-17 07:51:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.813 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.813 ms
Loss rate: 0.04%
```

Run 2: Report of LEDBAT — Data Link

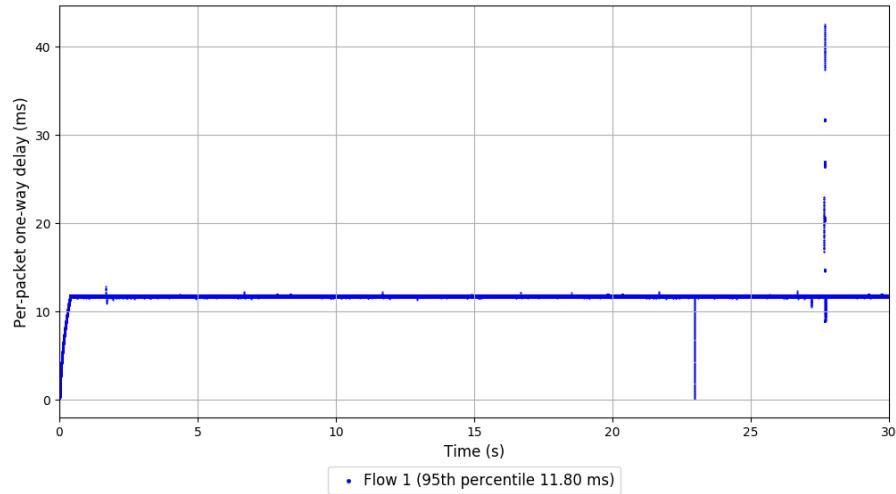
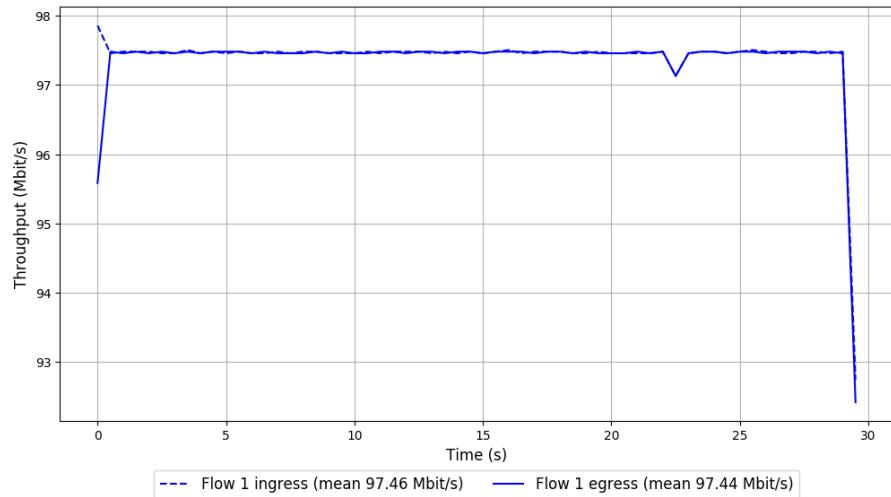


Run 3: Statistics of LEDBAT

```
Start at: 2018-04-17 02:16:11
End at: 2018-04-17 02:16:41
Local clock offset: -6.741 ms
Remote clock offset: -6.782 ms

# Below is generated by plot.py at 2018-04-17 07:51:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 11.804 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 11.804 ms
Loss rate: 0.04%
```

Run 3: Report of LEDBAT — Data Link

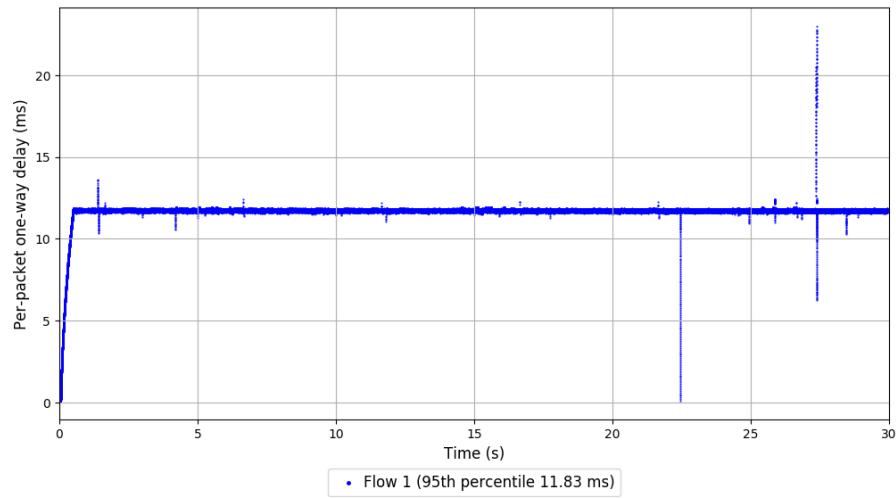
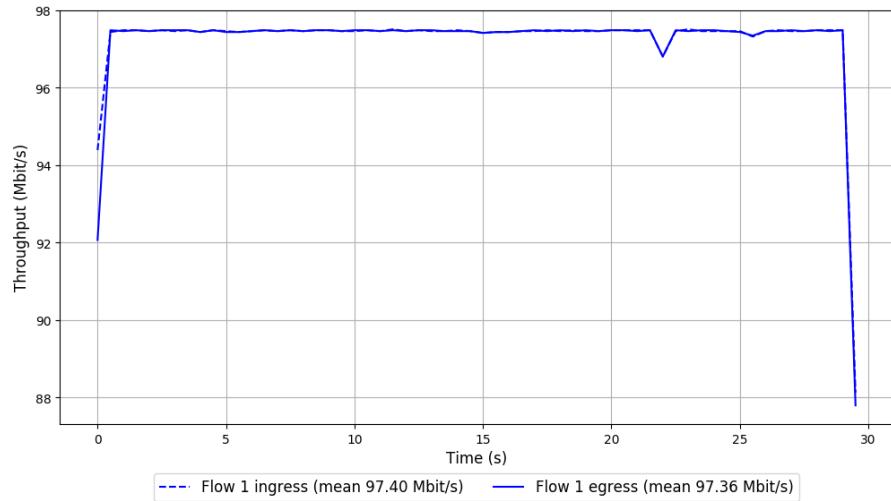


Run 4: Statistics of LEDBAT

```
Start at: 2018-04-17 02:35:13
End at: 2018-04-17 02:35:43
Local clock offset: -6.741 ms
Remote clock offset: -6.333 ms

# Below is generated by plot.py at 2018-04-17 07:51:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.829 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.829 ms
Loss rate: 0.05%
```

Run 4: Report of LEDBAT — Data Link

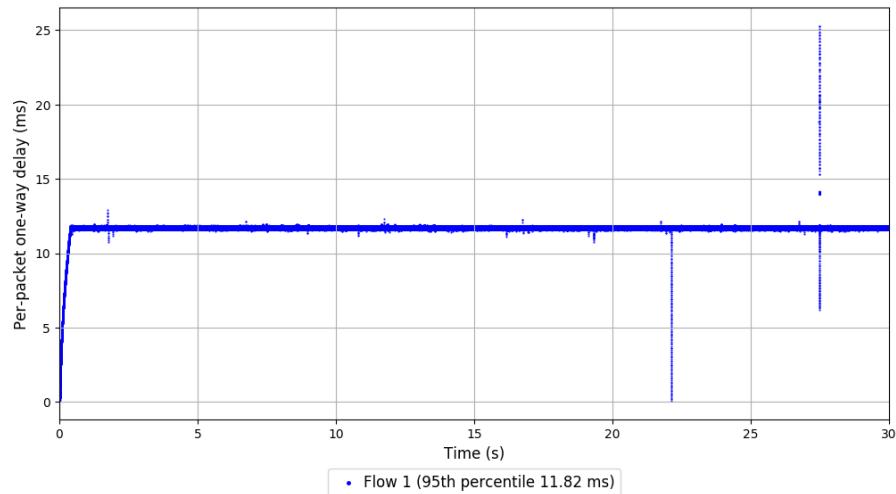
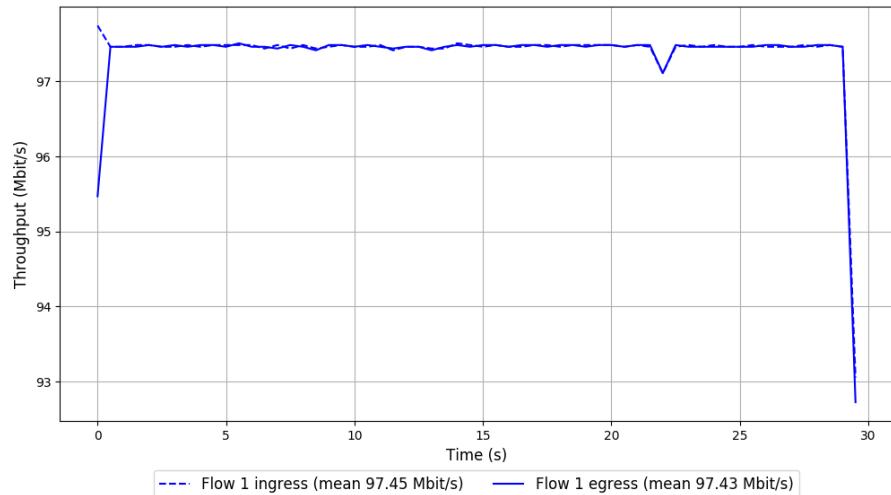


Run 5: Statistics of LEDBAT

```
Start at: 2018-04-17 02:54:15
End at: 2018-04-17 02:54:45
Local clock offset: -6.356 ms
Remote clock offset: -6.401 ms

# Below is generated by plot.py at 2018-04-17 07:52:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 11.820 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 11.820 ms
Loss rate: 0.04%
```

Run 5: Report of LEDBAT — Data Link

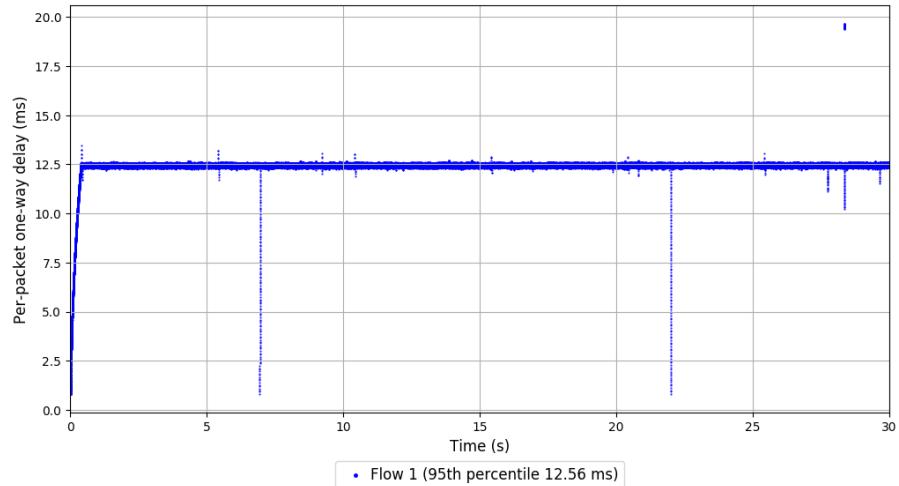
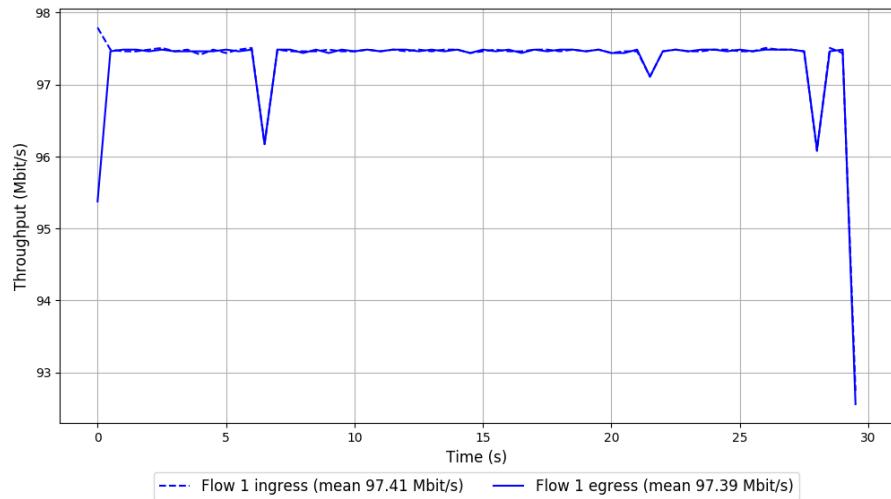


Run 6: Statistics of LEDBAT

```
Start at: 2018-04-17 03:13:18
End at: 2018-04-17 03:13:48
Local clock offset: -5.702 ms
Remote clock offset: -6.535 ms

# Below is generated by plot.py at 2018-04-17 07:52:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 12.558 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 12.558 ms
Loss rate: 0.04%
```

Run 6: Report of LEDBAT — Data Link

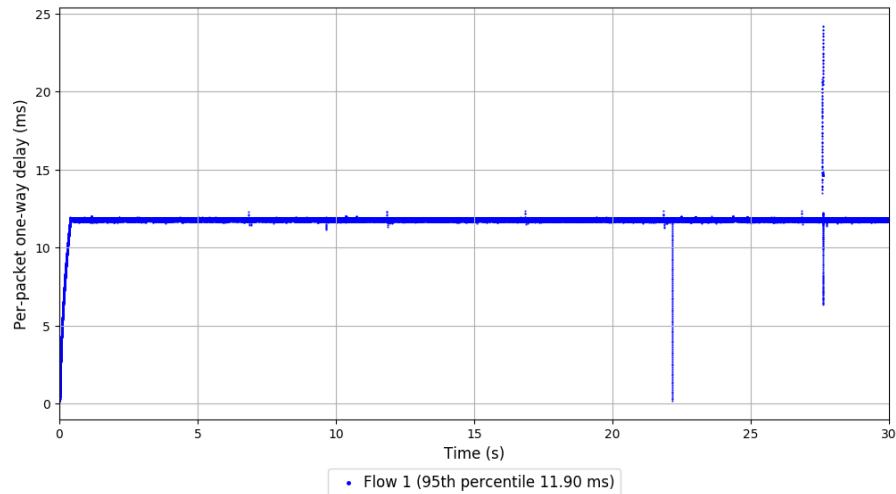
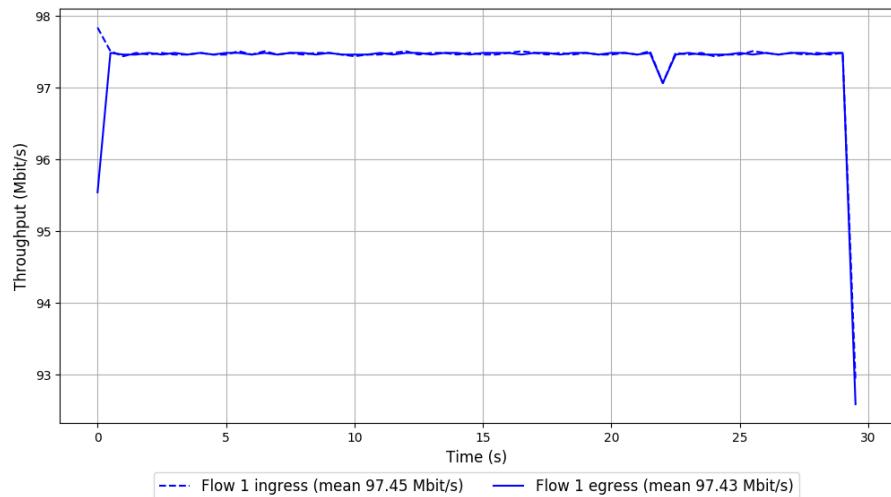


Run 7: Statistics of LEDBAT

```
Start at: 2018-04-17 03:32:24
End at: 2018-04-17 03:32:54
Local clock offset: -6.472 ms
Remote clock offset: -6.93 ms

# Below is generated by plot.py at 2018-04-17 07:52:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 11.897 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 11.897 ms
Loss rate: 0.04%
```

Run 7: Report of LEDBAT — Data Link

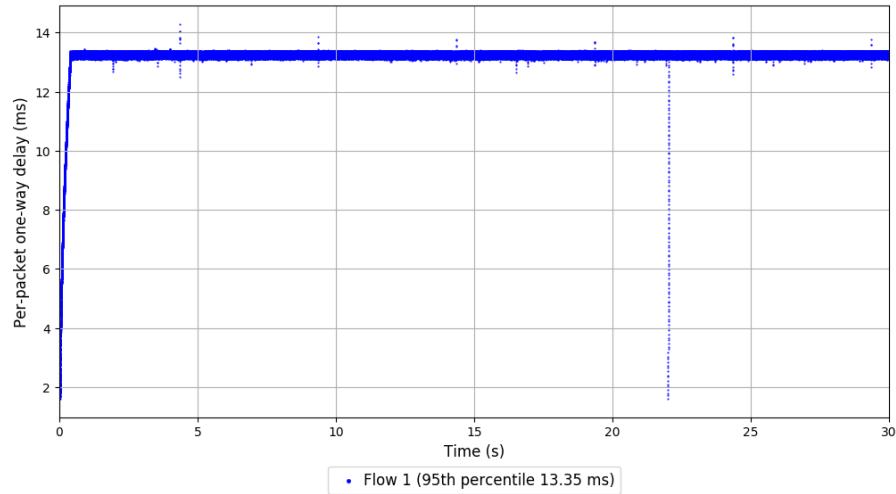
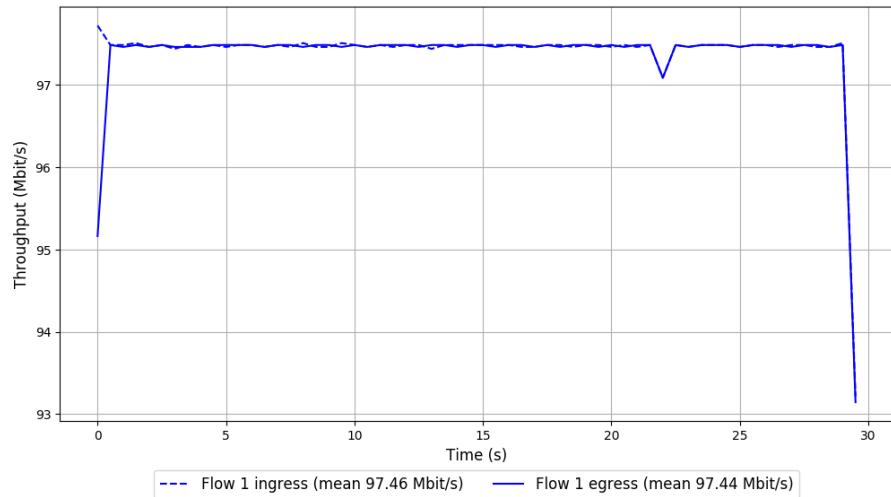


Run 8: Statistics of LEDBAT

```
Start at: 2018-04-17 03:51:28
End at: 2018-04-17 03:51:58
Local clock offset: -5.008 ms
Remote clock offset: -7.095 ms

# Below is generated by plot.py at 2018-04-17 07:52:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 13.353 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 13.353 ms
Loss rate: 0.05%
```

Run 8: Report of LEDBAT — Data Link

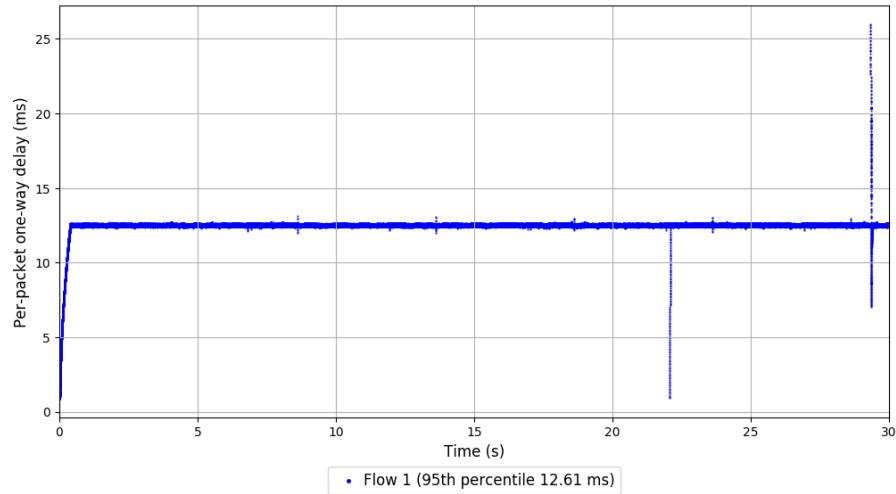
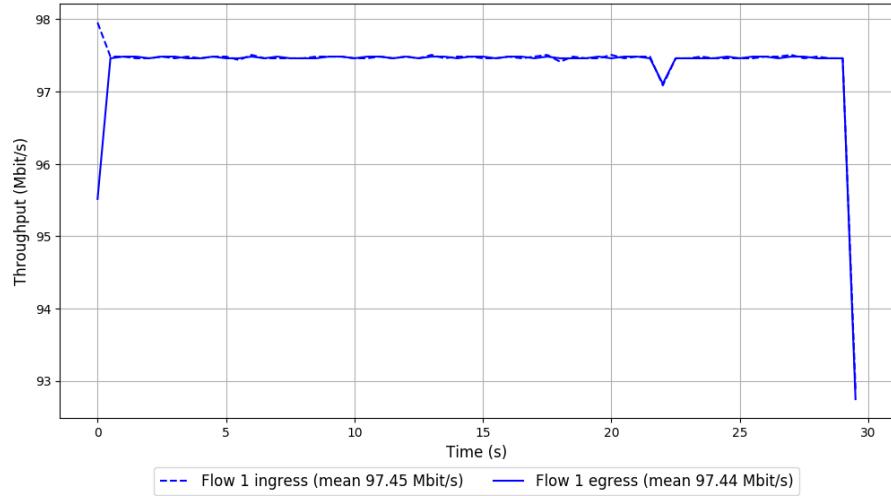


Run 9: Statistics of LEDBAT

```
Start at: 2018-04-17 04:10:31
End at: 2018-04-17 04:11:01
Local clock offset: -5.76 ms
Remote clock offset: -7.057 ms

# Below is generated by plot.py at 2018-04-17 07:52:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 12.609 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 12.609 ms
Loss rate: 0.04%
```

Run 9: Report of LEDBAT — Data Link

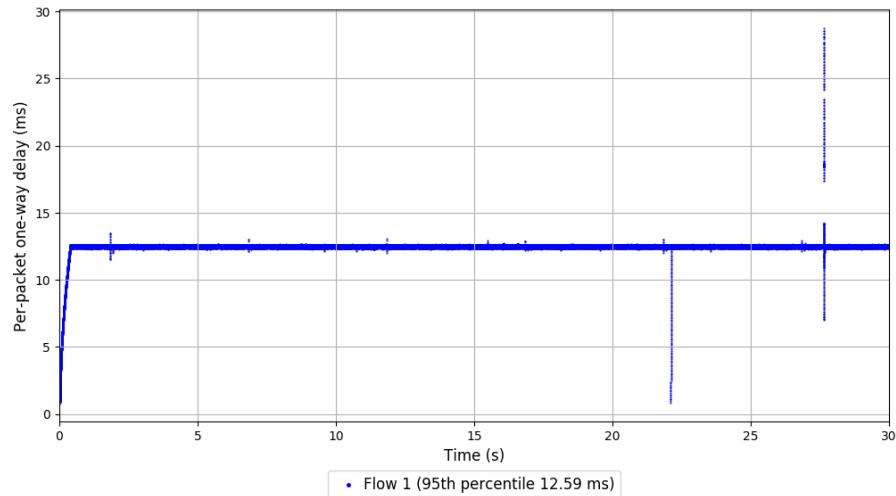
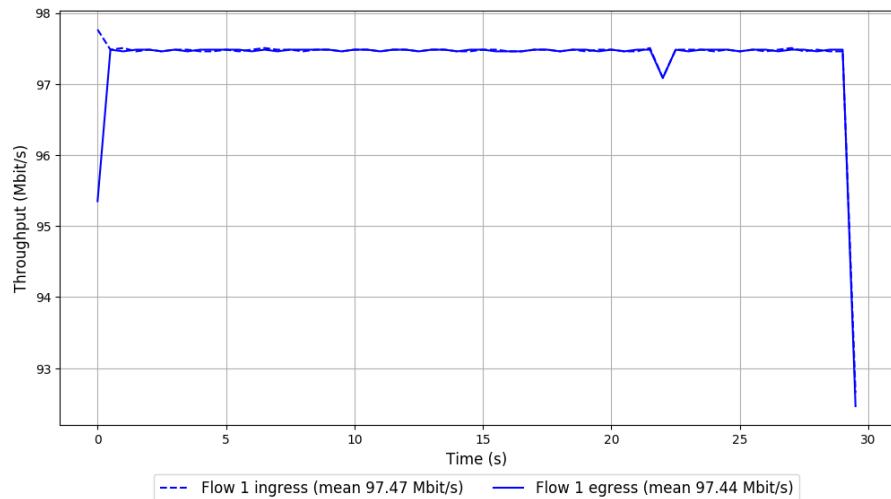


Run 10: Statistics of LEDBAT

```
Start at: 2018-04-17 04:29:34
End at: 2018-04-17 04:30:04
Local clock offset: -5.855 ms
Remote clock offset: -7.04 ms

# Below is generated by plot.py at 2018-04-17 07:52:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 12.588 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 12.588 ms
Loss rate: 0.04%
```

Run 10: Report of LEDBAT — Data Link

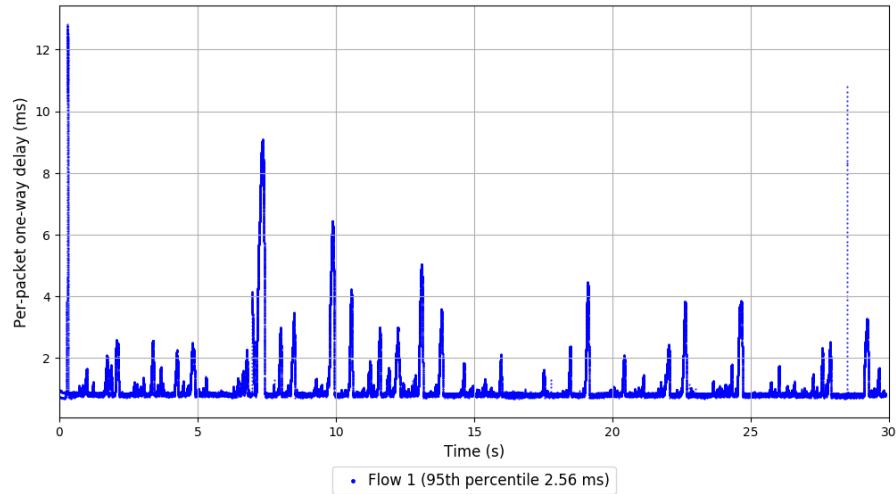
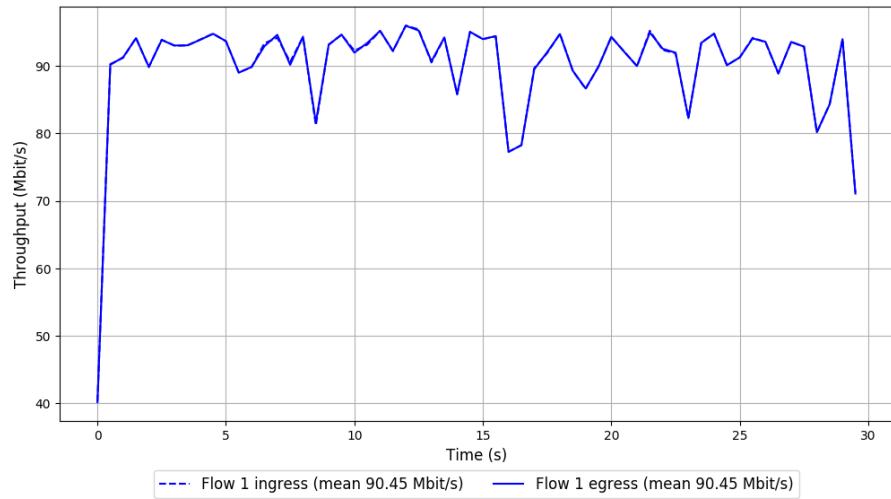


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-04-17 01:39:23
End at: 2018-04-17 01:39:53
Local clock offset: -5.643 ms
Remote clock offset: -6.497 ms

# Below is generated by plot.py at 2018-04-17 07:52:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 2.564 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 2.564 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Allegro — Data Link

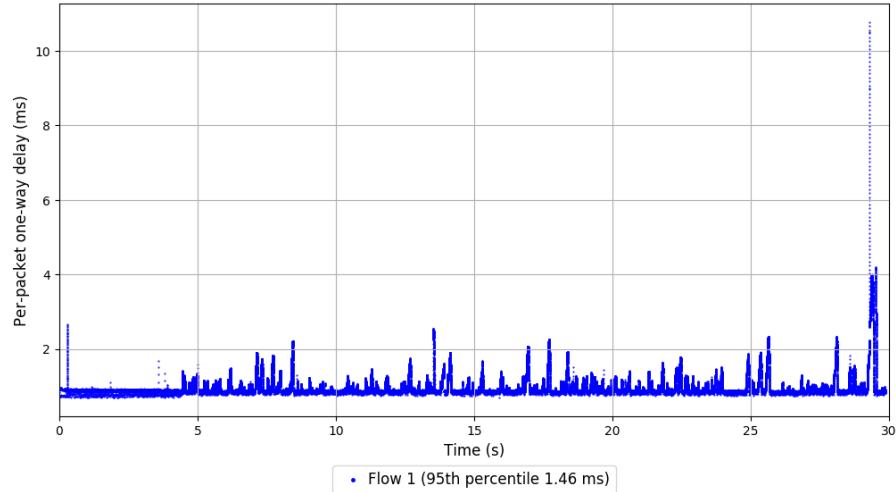
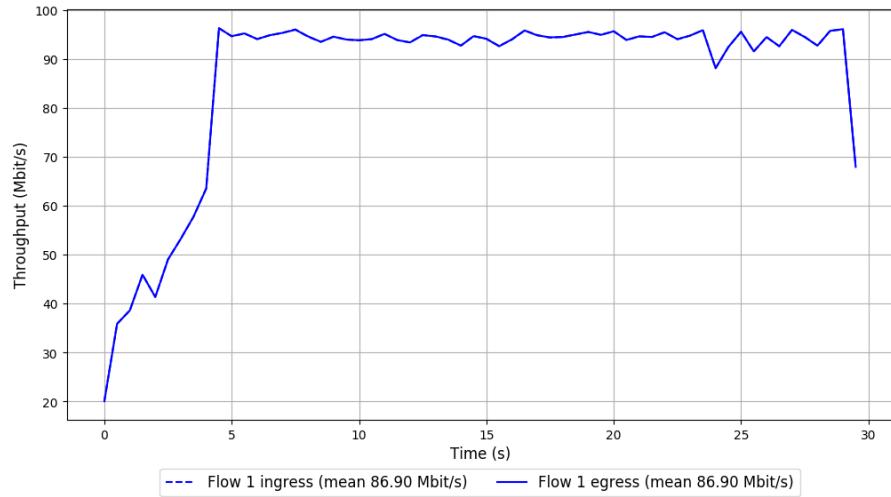


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-04-17 01:58:19
End at: 2018-04-17 01:58:49
Local clock offset: -5.677 ms
Remote clock offset: -6.889 ms

# Below is generated by plot.py at 2018-04-17 07:52:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 1.457 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 1.457 ms
Loss rate: 0.01%
```

Run 2: Report of PCC-Allegro — Data Link

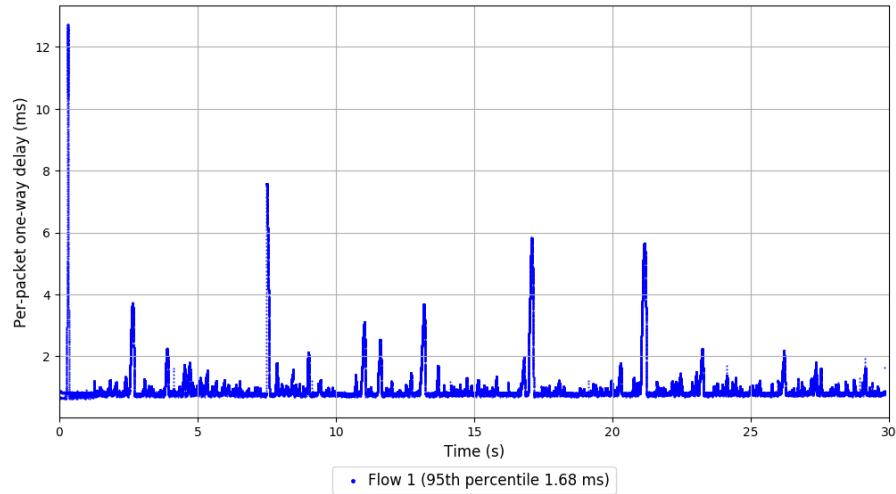
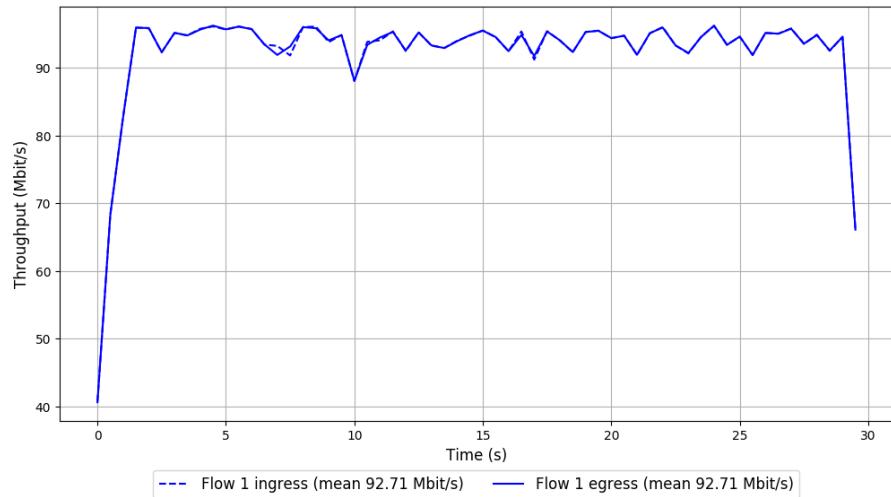


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-04-17 02:17:20
End at: 2018-04-17 02:17:50
Local clock offset: -6.009 ms
Remote clock offset: -6.721 ms

# Below is generated by plot.py at 2018-04-17 07:53:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 1.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 1.678 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link

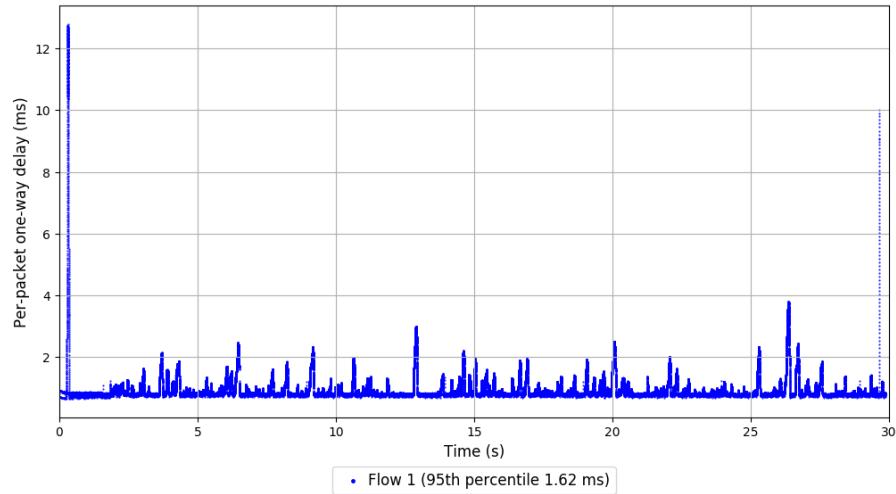
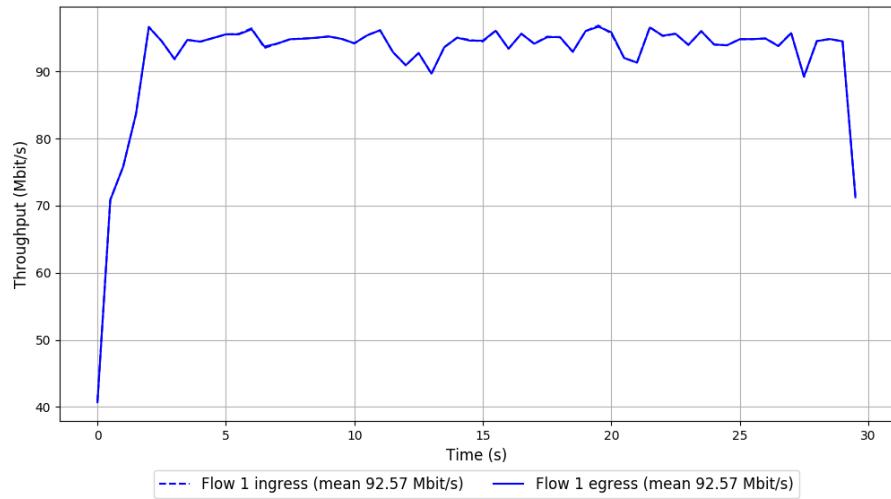


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-04-17 02:36:22
End at: 2018-04-17 02:36:52
Local clock offset: -6.007 ms
Remote clock offset: -6.317 ms

# Below is generated by plot.py at 2018-04-17 07:53:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: 1.620 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: 1.620 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Allegro — Data Link

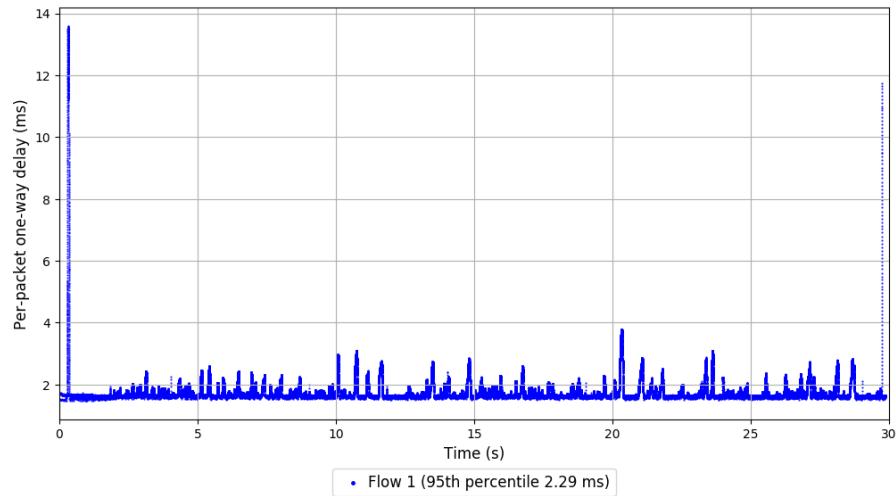
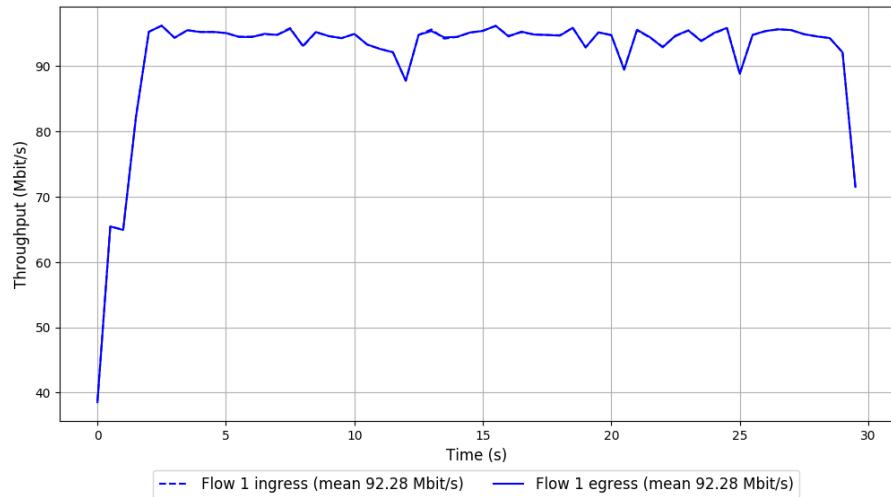


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-04-17 02:55:24
End at: 2018-04-17 02:55:54
Local clock offset: -4.845 ms
Remote clock offset: -6.489 ms

# Below is generated by plot.py at 2018-04-17 07:54:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 2.290 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 2.290 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Allegro — Data Link

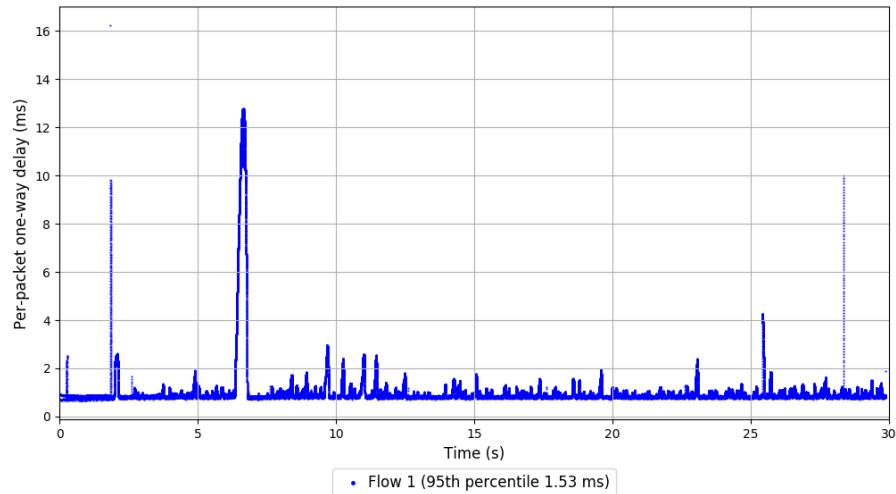
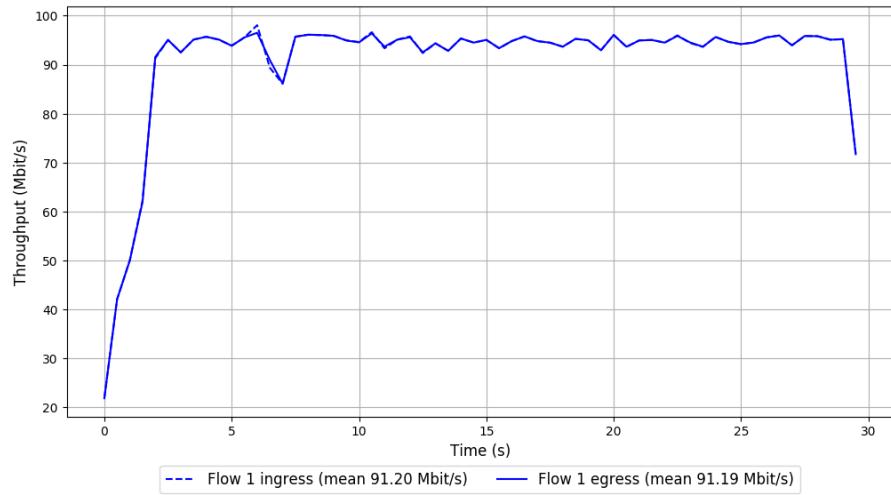


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-04-17 03:14:28
End at: 2018-04-17 03:14:58
Local clock offset: -5.672 ms
Remote clock offset: -6.506 ms

# Below is generated by plot.py at 2018-04-17 07:54:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 1.528 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 1.528 ms
Loss rate: 0.01%
```

Run 6: Report of PCC-Allegro — Data Link

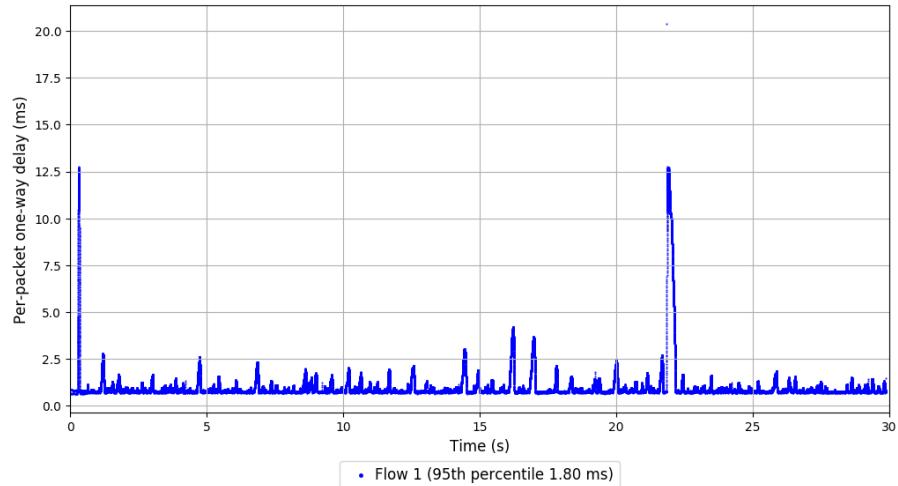
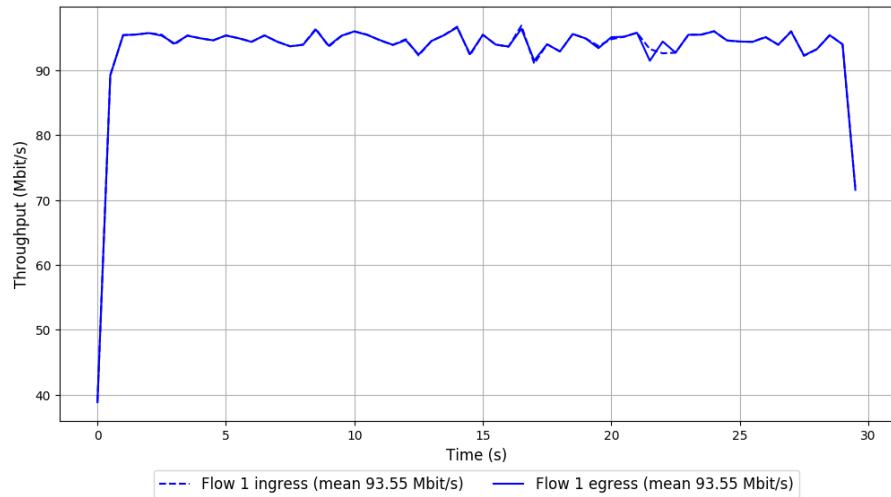


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-04-17 03:33:33
End at: 2018-04-17 03:34:03
Local clock offset: -5.797 ms
Remote clock offset: -6.88 ms

# Below is generated by plot.py at 2018-04-17 07:54:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Allegro — Data Link

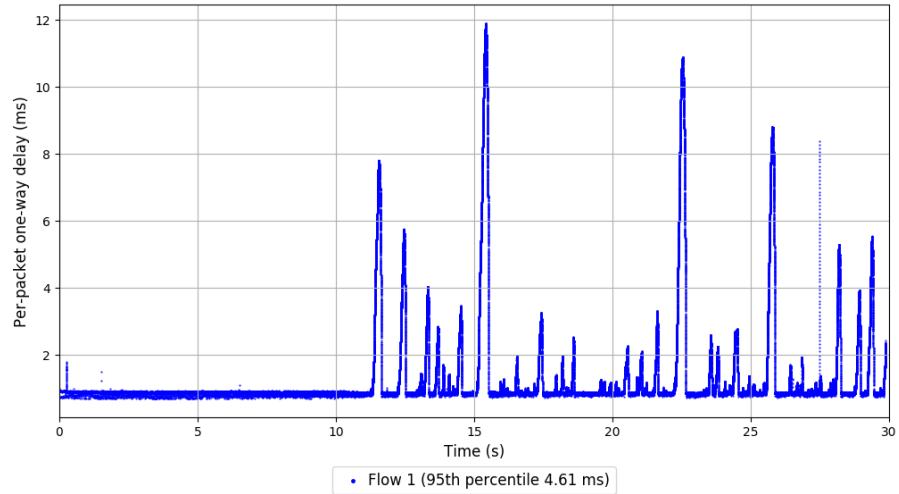
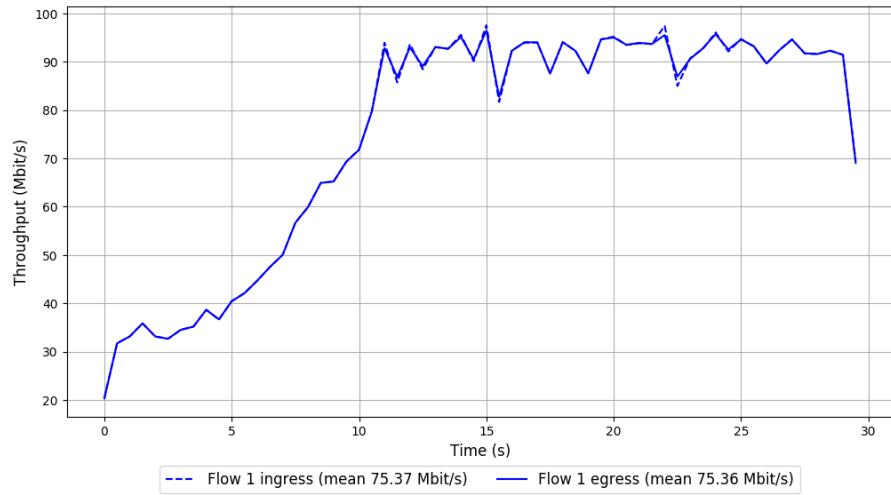


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-04-17 03:52:38
End at: 2018-04-17 03:53:08
Local clock offset: -5.755 ms
Remote clock offset: -7.11 ms

# Below is generated by plot.py at 2018-04-17 07:54:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.36 Mbit/s
95th percentile per-packet one-way delay: 4.605 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.36 Mbit/s
95th percentile per-packet one-way delay: 4.605 ms
Loss rate: 0.01%
```

Run 8: Report of PCC-Allegro — Data Link

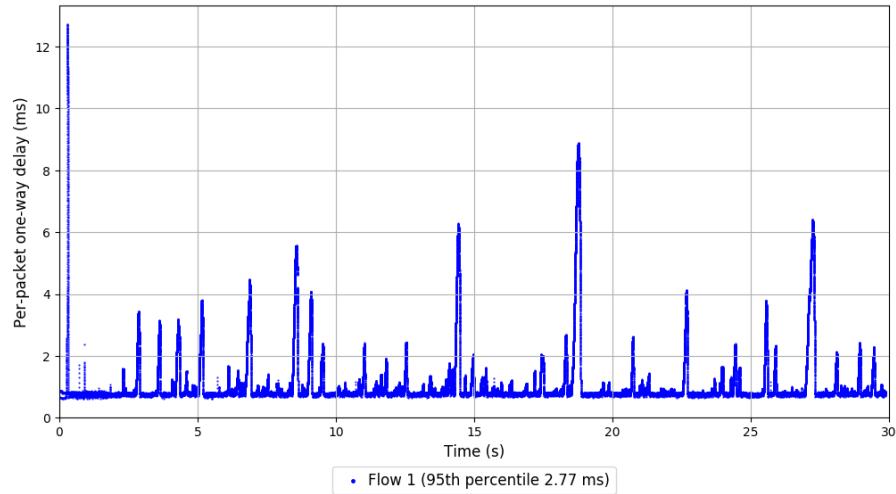
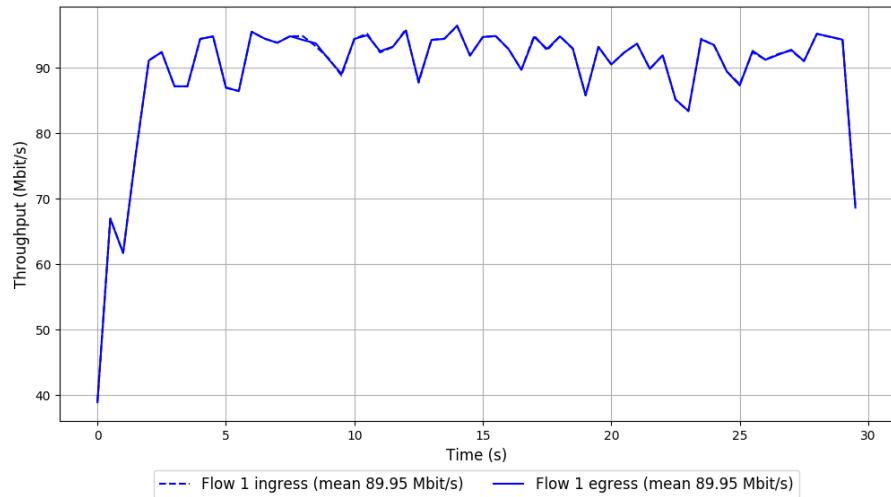


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-04-17 04:11:40
End at: 2018-04-17 04:12:10
Local clock offset: -5.865 ms
Remote clock offset: -7.045 ms

# Below is generated by plot.py at 2018-04-17 07:54:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 2.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 2.770 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Allegro — Data Link

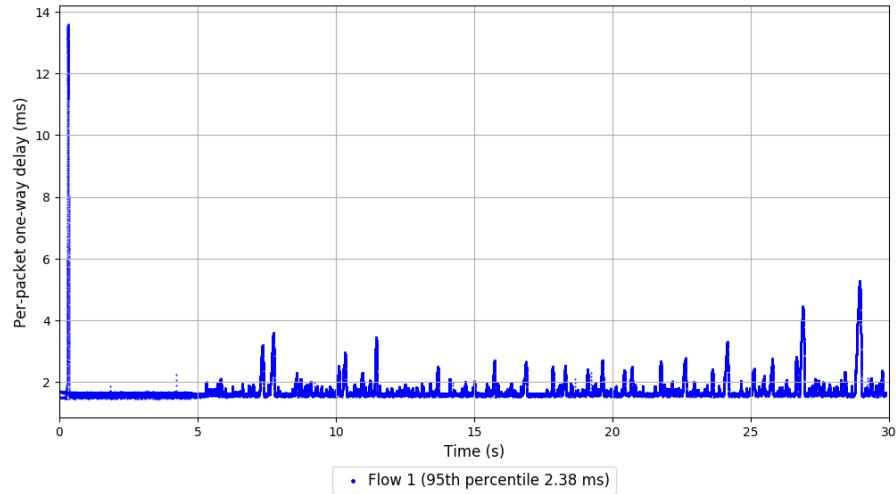
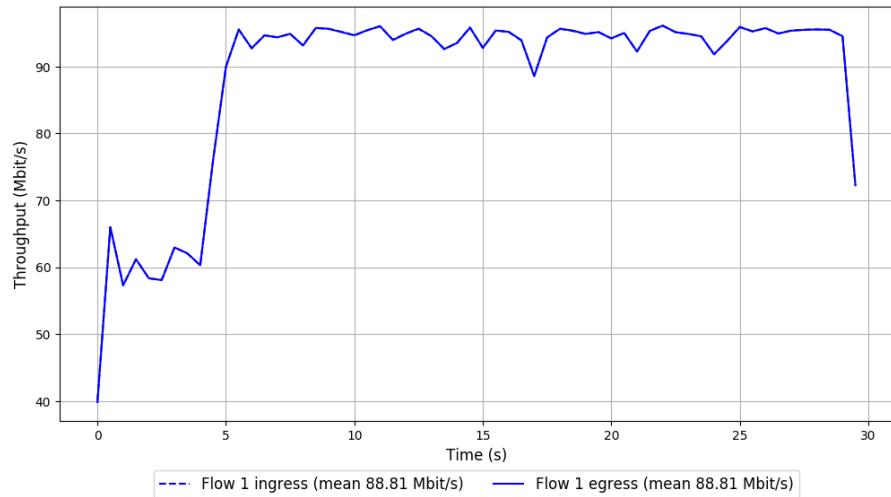


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-04-17 04:30:44
End at: 2018-04-17 04:31:14
Local clock offset: -5.071 ms
Remote clock offset: -7.022 ms

# Below is generated by plot.py at 2018-04-17 07:54:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Allegro — Data Link

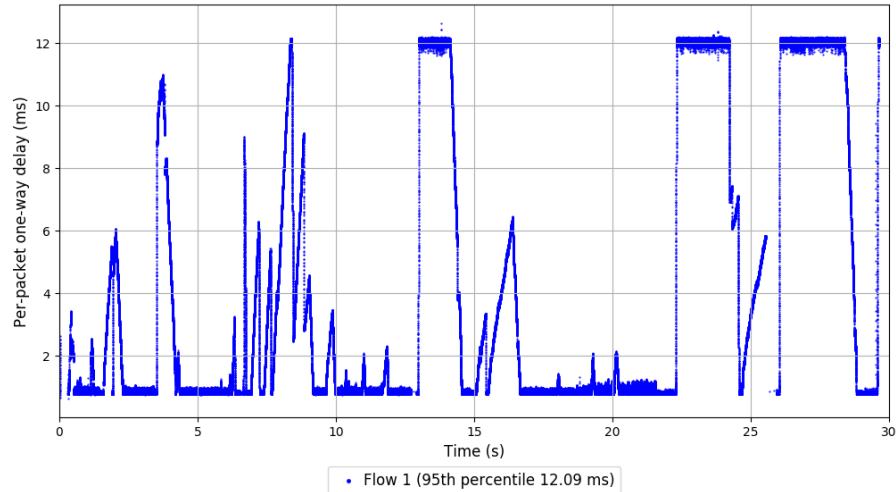
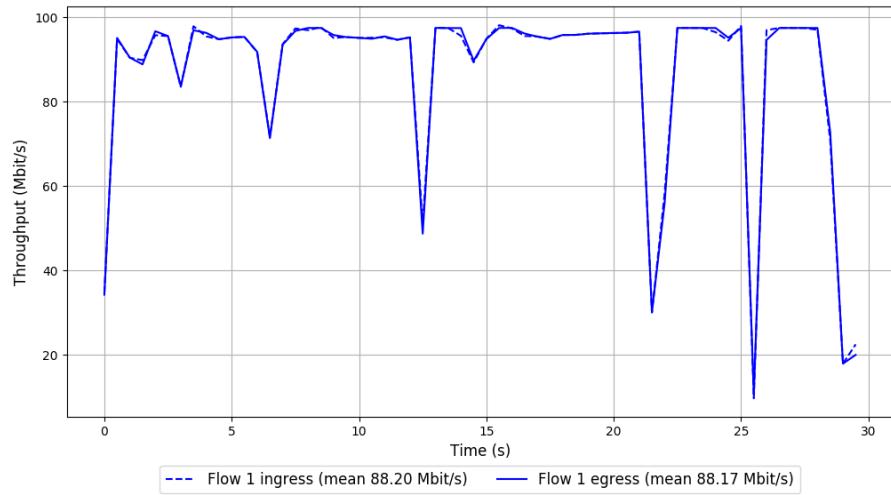


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-04-17 01:33:43
End at: 2018-04-17 01:34:14
Local clock offset: -5.672 ms
Remote clock offset: -6.541 ms

# Below is generated by plot.py at 2018-04-17 07:55:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 12.086 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 12.086 ms
Loss rate: 0.05%
```

Run 1: Report of QUIC Cubic — Data Link

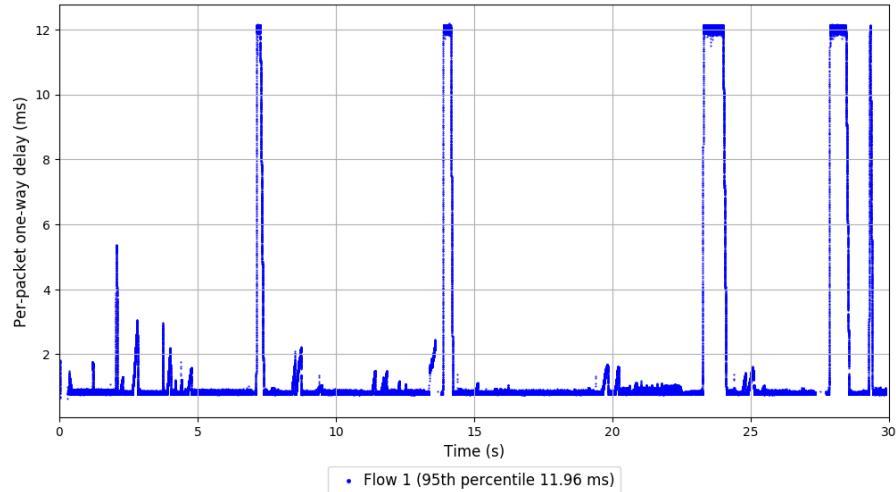
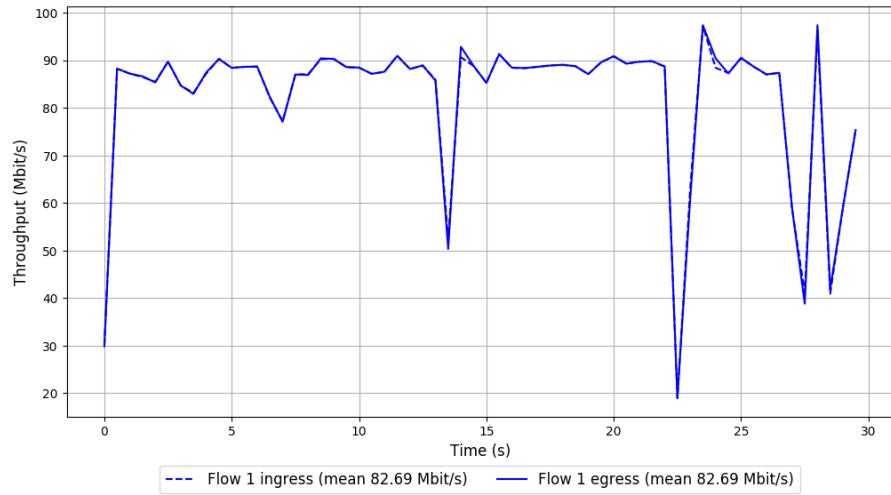


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-04-17 01:52:40
End at: 2018-04-17 01:53:10
Local clock offset: -5.737 ms
Remote clock offset: -6.847 ms

# Below is generated by plot.py at 2018-04-17 07:55:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.69 Mbit/s
95th percentile per-packet one-way delay: 11.964 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 82.69 Mbit/s
95th percentile per-packet one-way delay: 11.964 ms
Loss rate: 0.01%
```

Run 2: Report of QUIC Cubic — Data Link

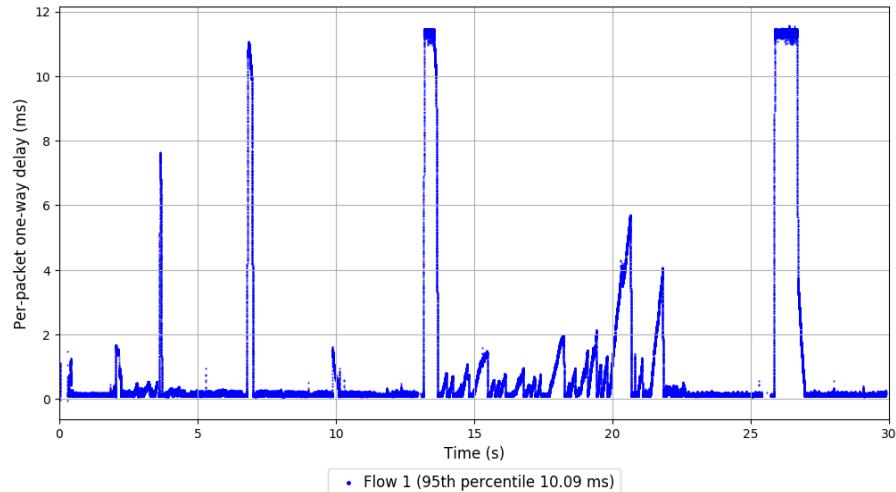
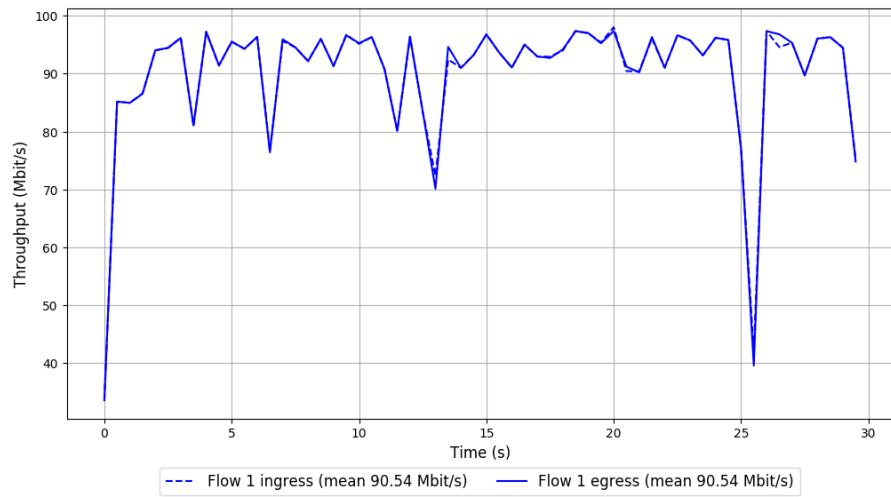


```
Run 3: Statistics of QUIC Cubic
```

```
Start at: 2018-04-17 02:11:41
End at: 2018-04-17 02:12:11
Local clock offset: -6.72 ms
Remote clock offset: -6.985 ms

# Below is generated by plot.py at 2018-04-17 07:55:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 10.089 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 10.089 ms
Loss rate: 0.01%
```

Run 3: Report of QUIC Cubic — Data Link

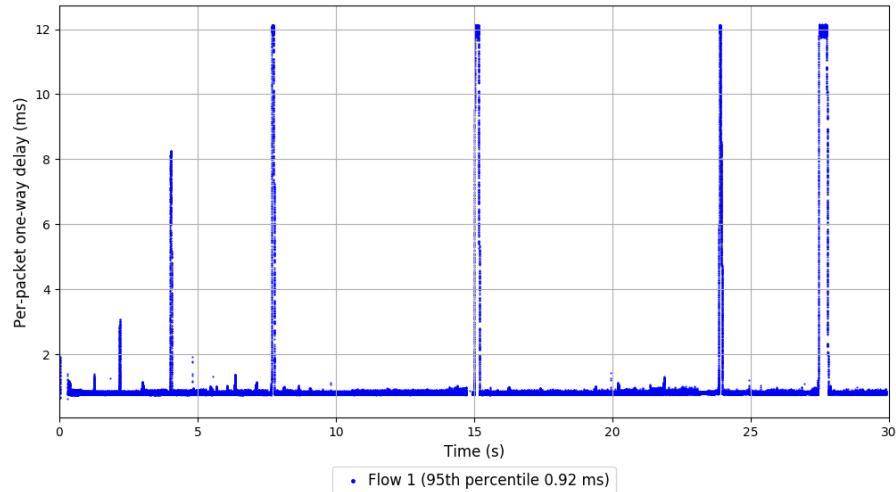
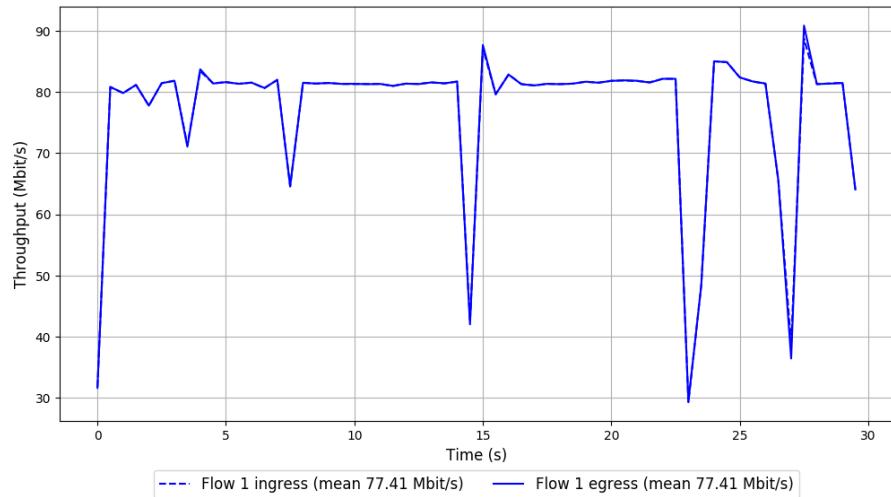


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-04-17 02:30:44
End at: 2018-04-17 02:31:14
Local clock offset: -6.113 ms
Remote clock offset: -6.374 ms

# Below is generated by plot.py at 2018-04-17 07:55:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

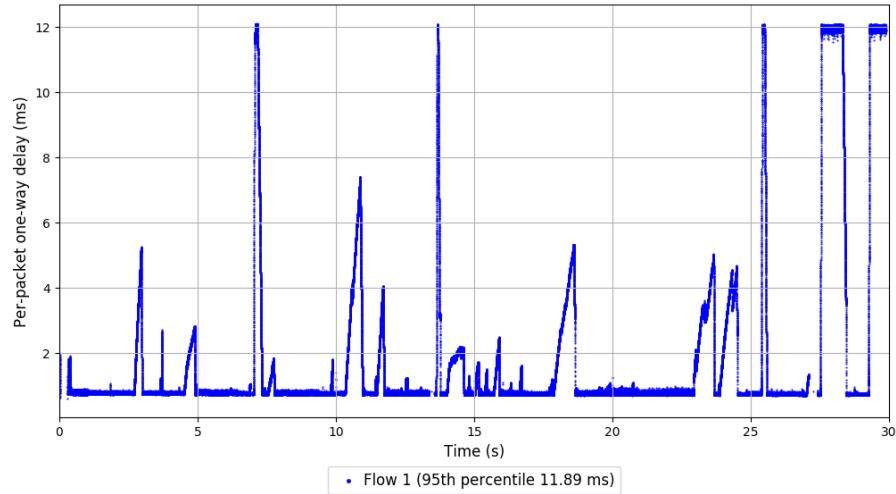
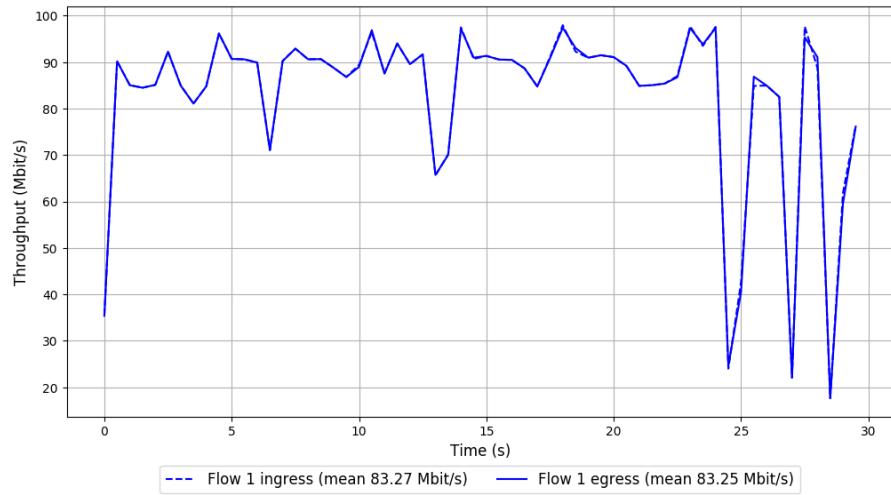


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-04-17 02:49:45
End at: 2018-04-17 02:50:15
Local clock offset: -5.703 ms
Remote clock offset: -6.197 ms

# Below is generated by plot.py at 2018-04-17 07:55:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.25 Mbit/s
95th percentile per-packet one-way delay: 11.891 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 83.25 Mbit/s
95th percentile per-packet one-way delay: 11.891 ms
Loss rate: 0.05%
```

Run 5: Report of QUIC Cubic — Data Link

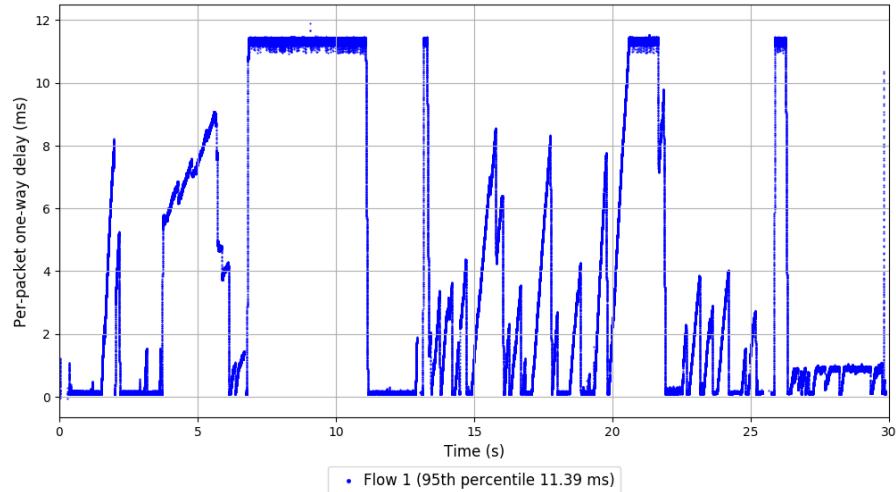
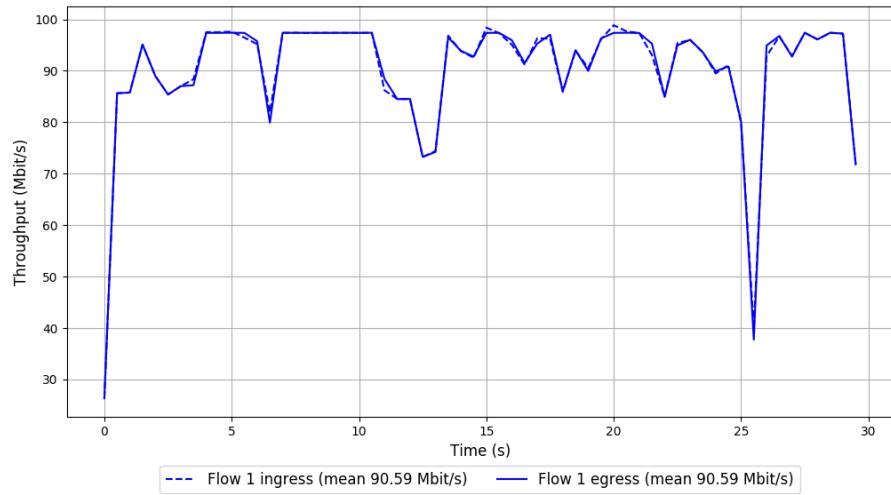


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-04-17 03:08:48
End at: 2018-04-17 03:09:18
Local clock offset: -6.4 ms
Remote clock offset: -6.623 ms

# Below is generated by plot.py at 2018-04-17 07:55:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 11.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 11.387 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

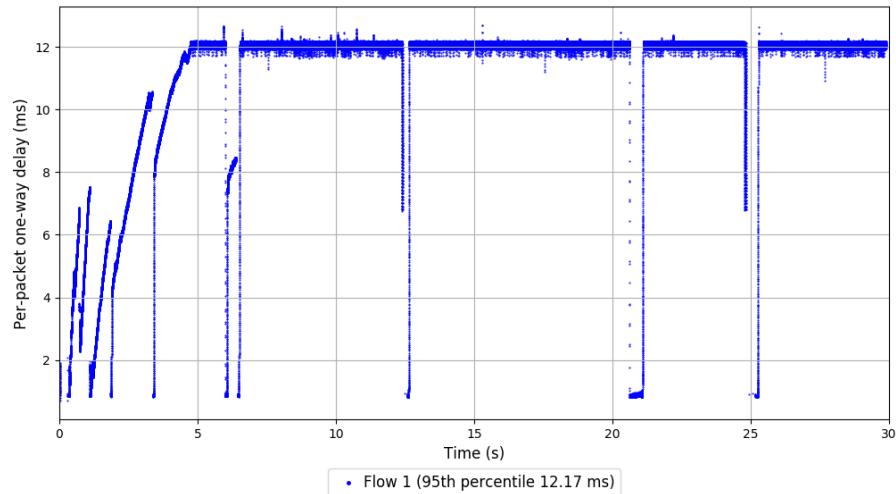
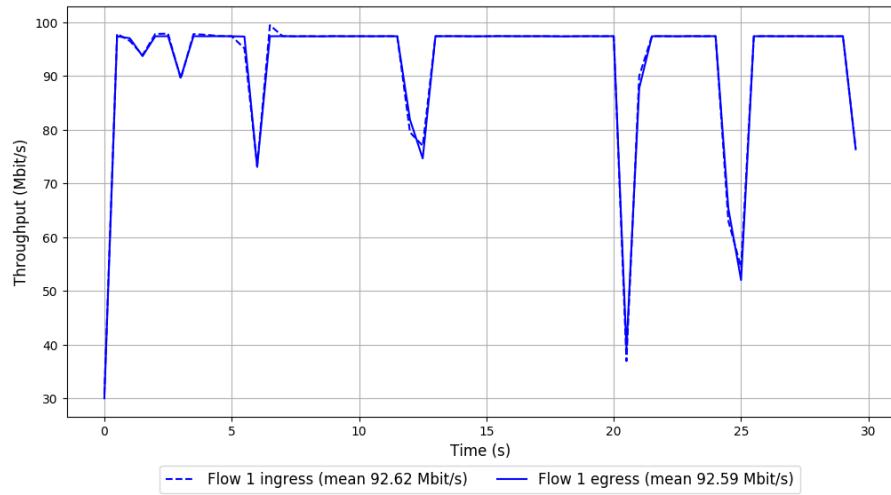


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-04-17 03:27:54
End at: 2018-04-17 03:28:24
Local clock offset: -5.71 ms
Remote clock offset: -6.742 ms

# Below is generated by plot.py at 2018-04-17 07:55:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 12.170 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 12.170 ms
Loss rate: 0.05%
```

Run 7: Report of QUIC Cubic — Data Link

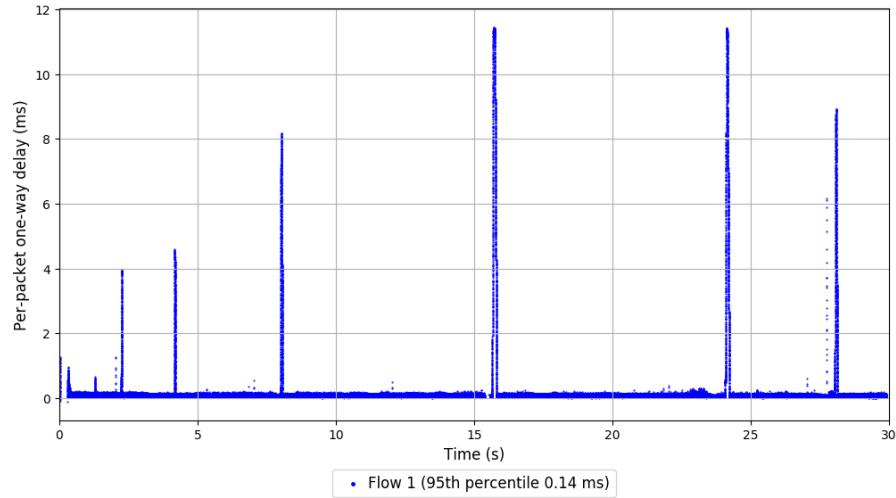
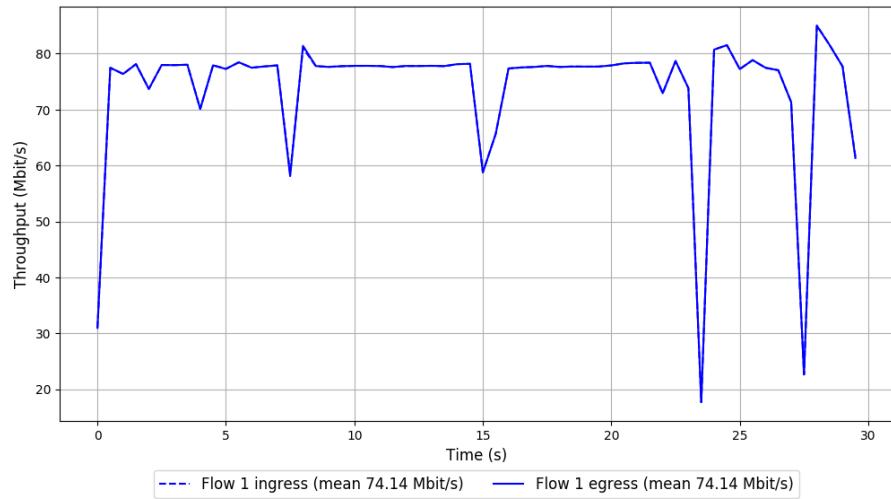


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-04-17 03:46:59
End at: 2018-04-17 03:47:29
Local clock offset: -6.548 ms
Remote clock offset: -7.062 ms

# Below is generated by plot.py at 2018-04-17 07:55:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: 0.145 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: 0.145 ms
Loss rate: 0.01%
```

Run 8: Report of QUIC Cubic — Data Link

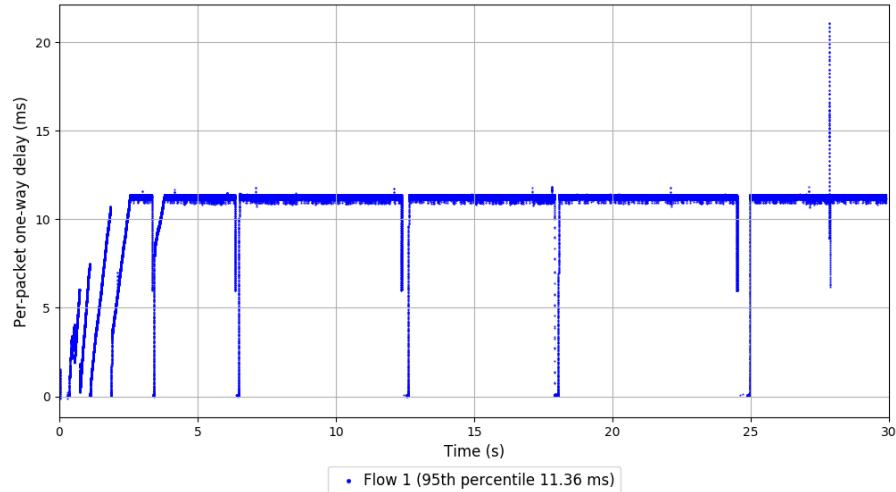
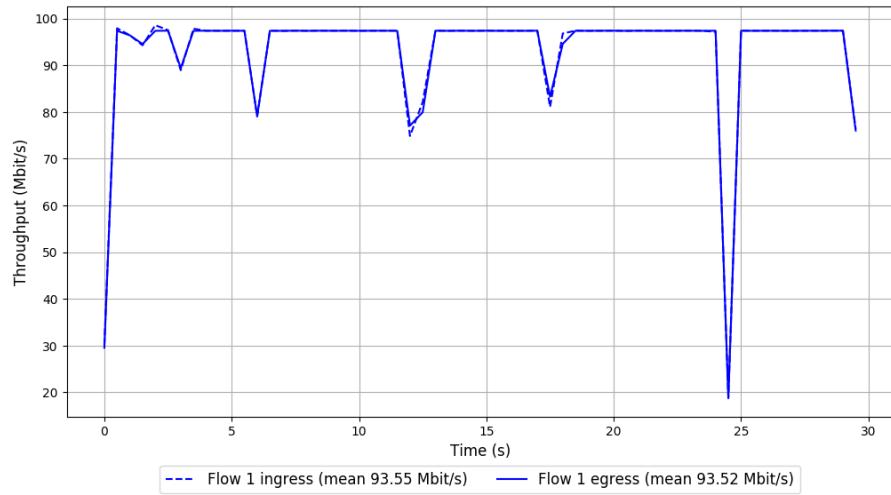


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-04-17 04:06:01
End at: 2018-04-17 04:06:31
Local clock offset: -6.603 ms
Remote clock offset: -7.073 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 11.359 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 11.359 ms
Loss rate: 0.05%
```

Run 9: Report of QUIC Cubic — Data Link

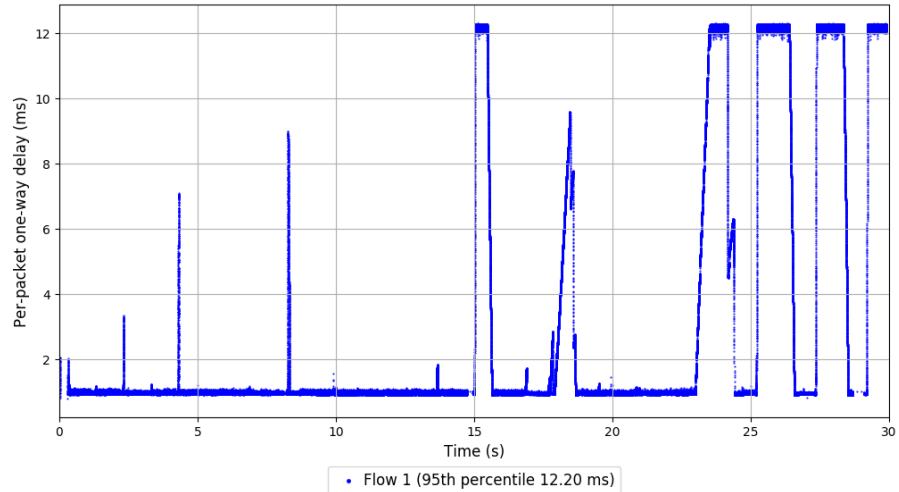
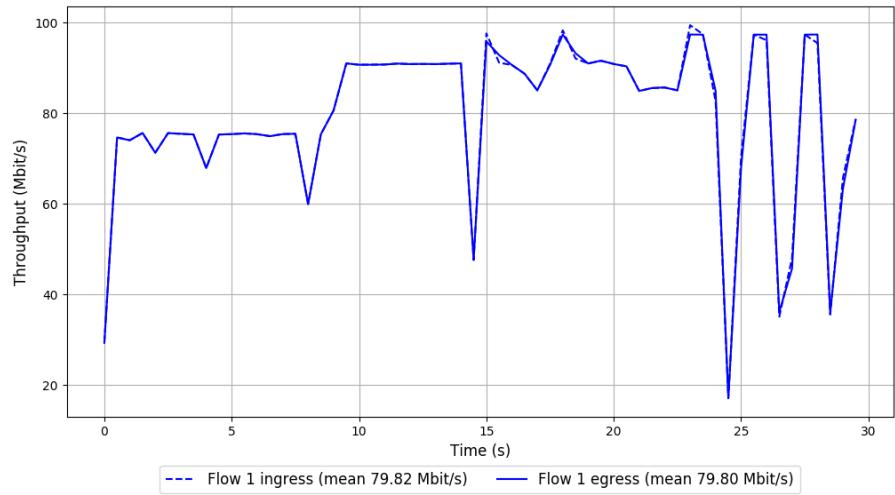


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-04-17 04:25:05
End at: 2018-04-17 04:25:35
Local clock offset: -5.812 ms
Remote clock offset: -7.086 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: 12.198 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: 12.198 ms
Loss rate: 0.05%
```

Run 10: Report of QUIC Cubic — Data Link

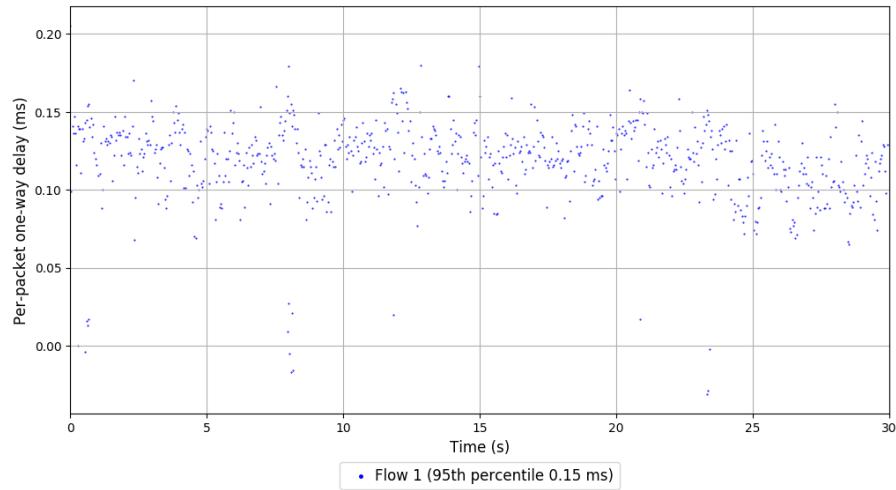
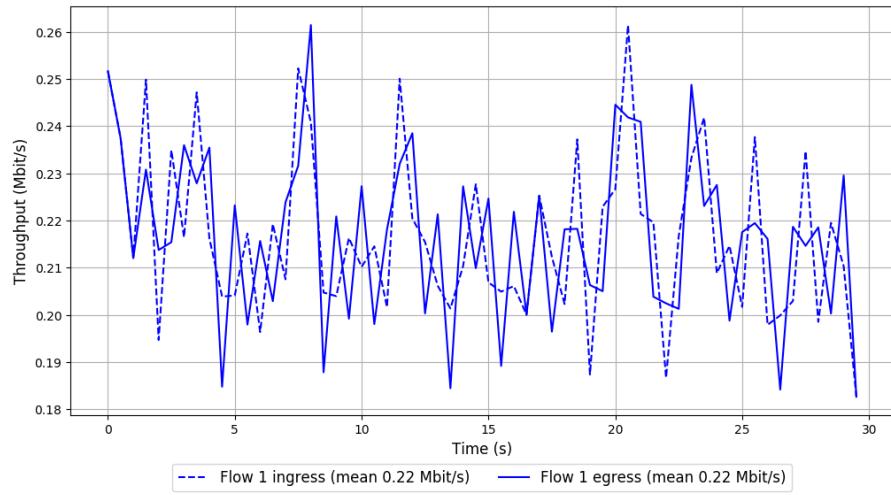


```
Run 1: Statistics of SCReAM

Start at: 2018-04-17 01:28:13
End at: 2018-04-17 01:28:43
Local clock offset: -6.374 ms
Remote clock offset: -6.658 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.150 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

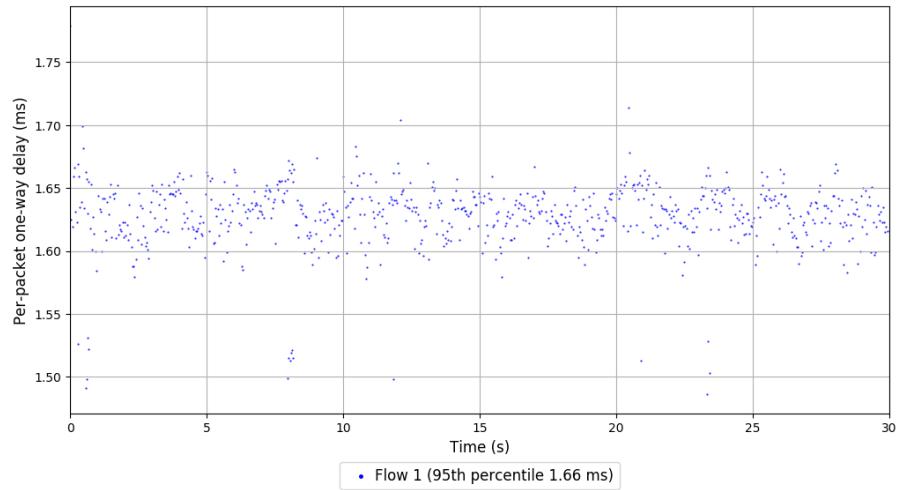
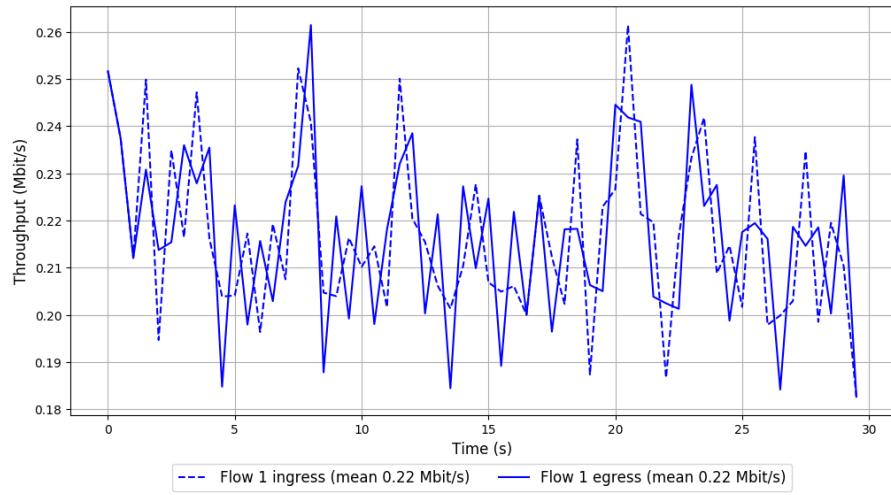


Run 2: Statistics of SCReAM

```
Start at: 2018-04-17 01:47:15
End at: 2018-04-17 01:47:45
Local clock offset: -4.898 ms
Remote clock offset: -6.774 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.660 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.660 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

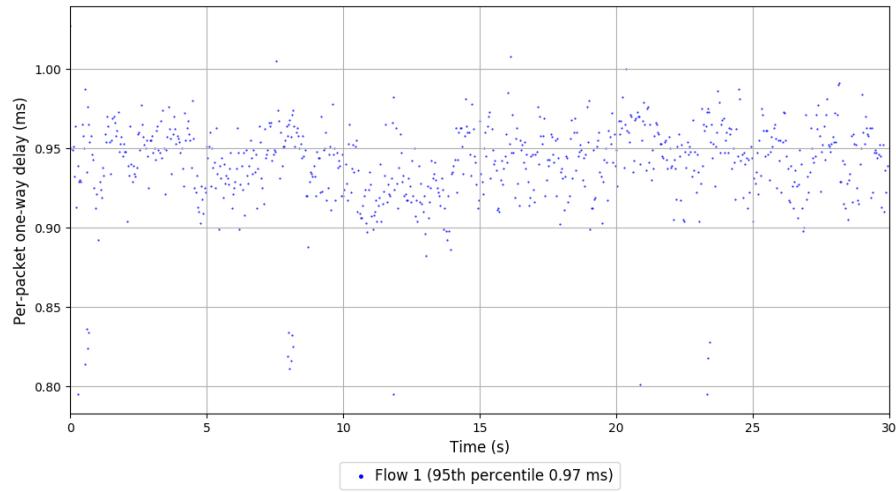
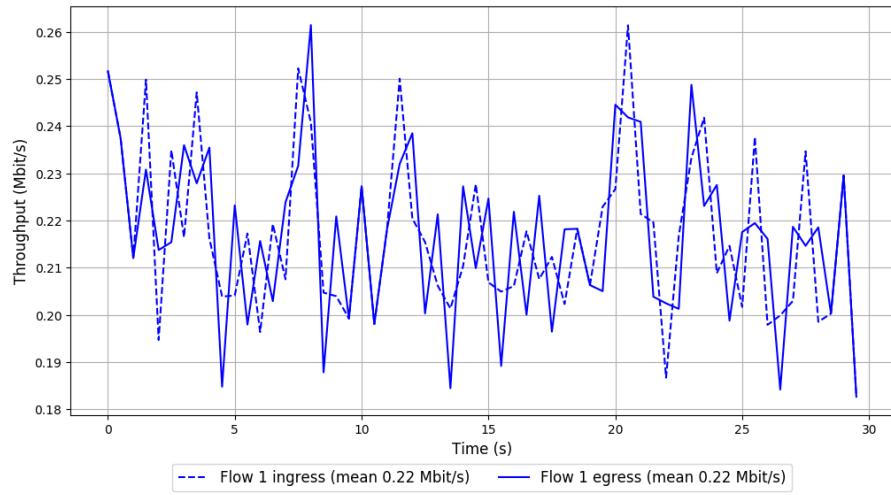


Run 3: Statistics of SCReAM

```
Start at: 2018-04-17 02:06:11
End at: 2018-04-17 02:06:41
Local clock offset: -5.805 ms
Remote clock offset: -6.972 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.973 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

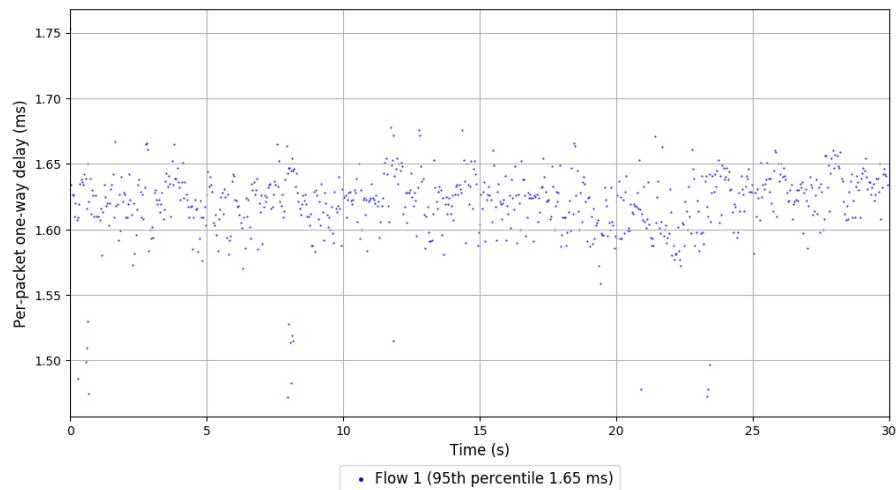
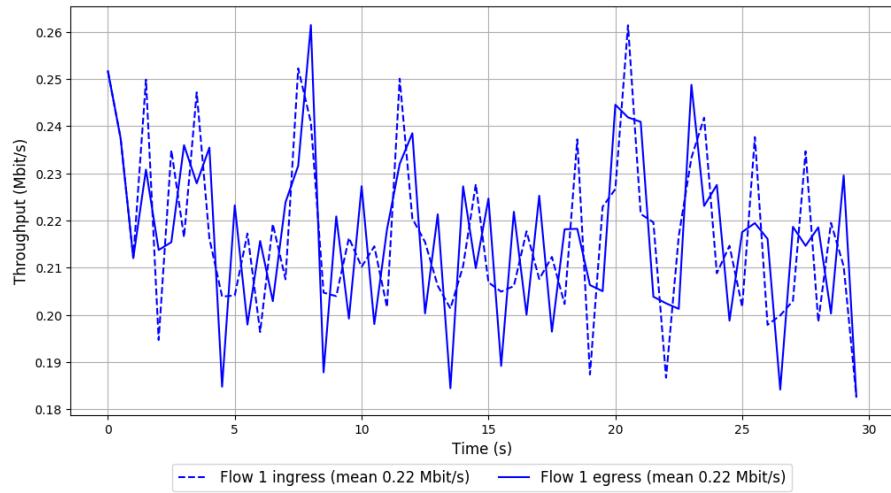


Run 4: Statistics of SCReAM

```
Start at: 2018-04-17 02:25:13
End at: 2018-04-17 02:25:43
Local clock offset: -5.251 ms
Remote clock offset: -6.497 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.652 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.652 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

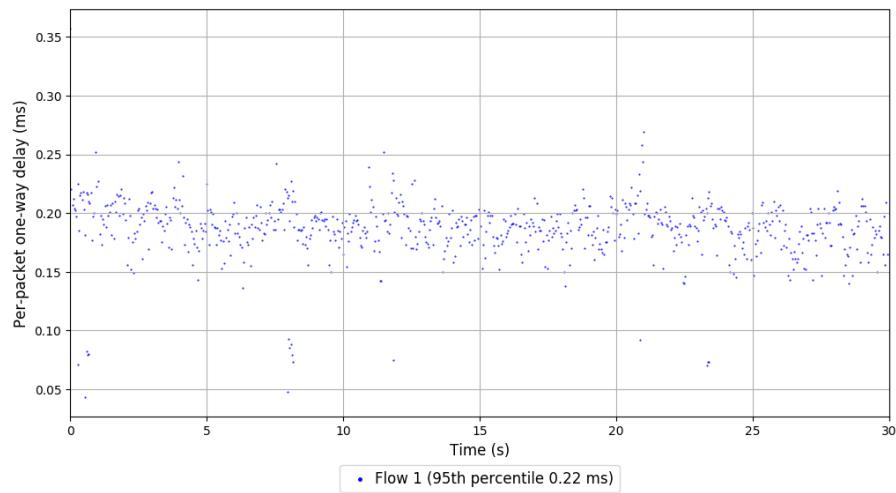
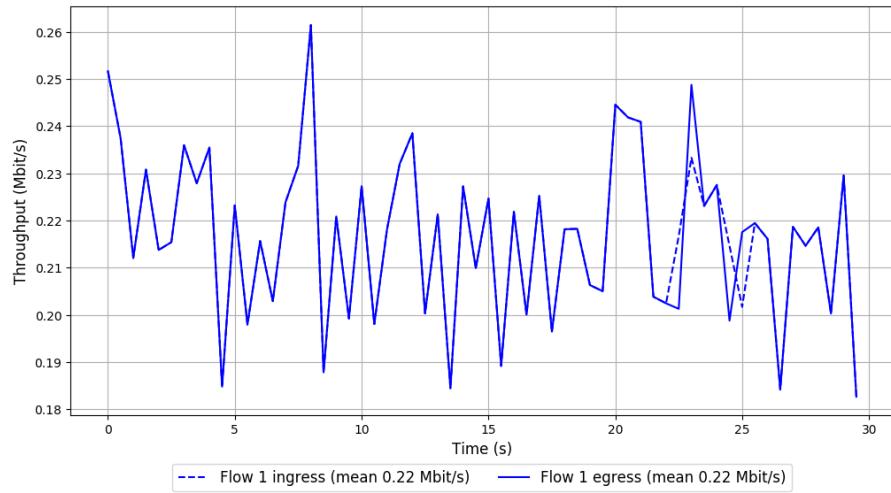


Run 5: Statistics of SCReAM

```
Start at: 2018-04-17 02:44:15
End at: 2018-04-17 02:44:45
Local clock offset: -6.429 ms
Remote clock offset: -6.198 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.217 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

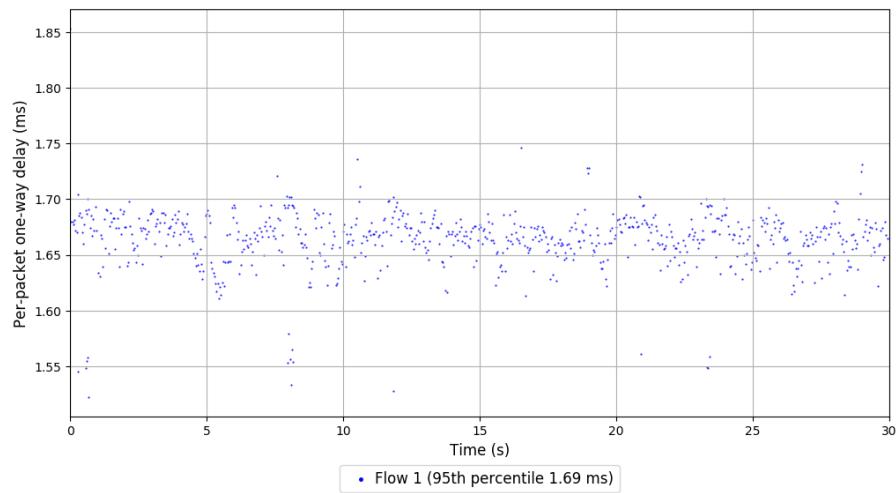
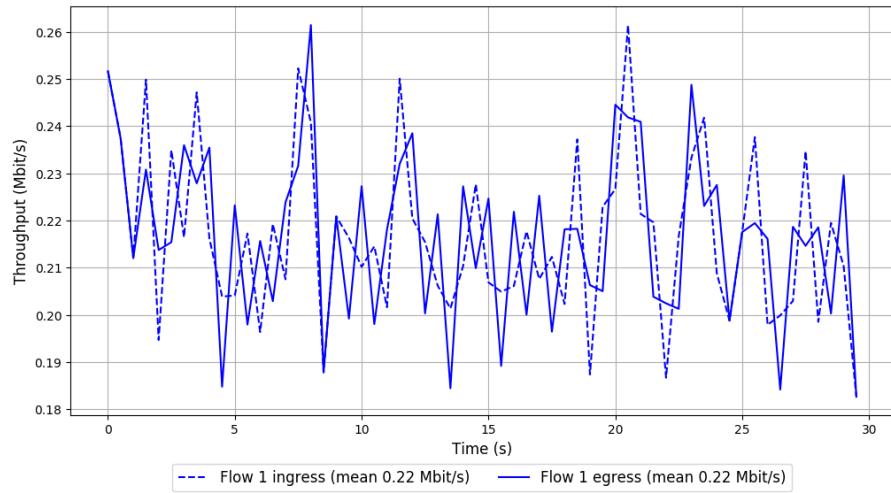


Run 6: Statistics of SCReAM

```
Start at: 2018-04-17 03:03:17
End at: 2018-04-17 03:03:47
Local clock offset: -4.807 ms
Remote clock offset: -6.6 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.694 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

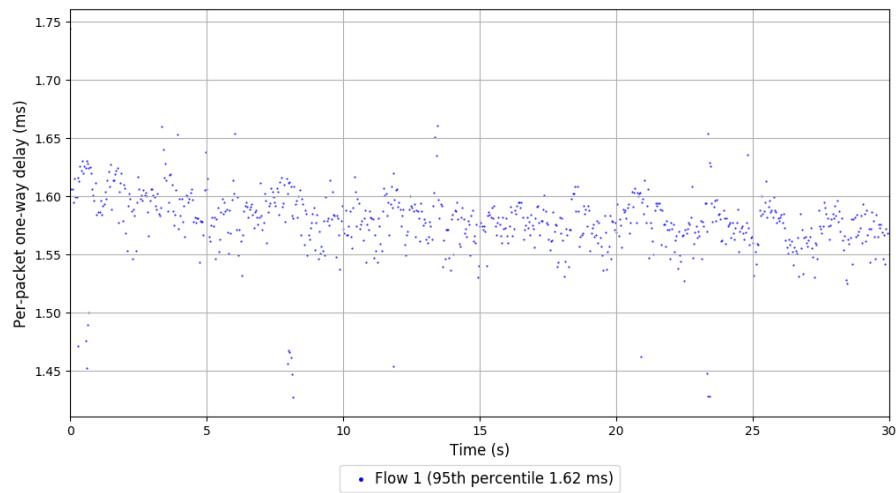
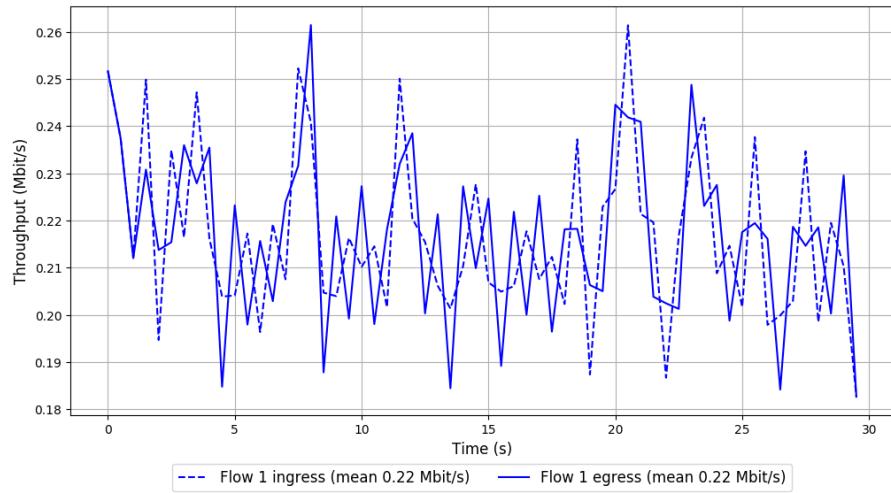


Run 7: Statistics of SCReAM

```
Start at: 2018-04-17 03:22:22
End at: 2018-04-17 03:22:52
Local clock offset: -4.961 ms
Remote clock offset: -6.502 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.616 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

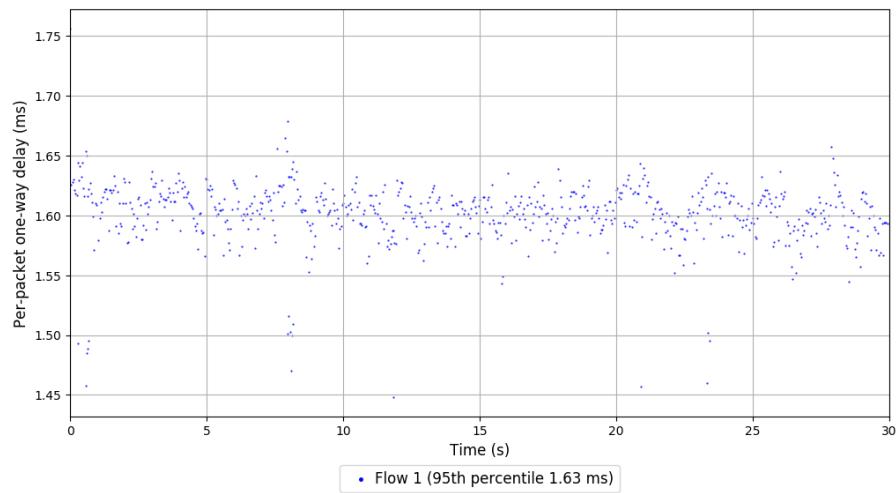
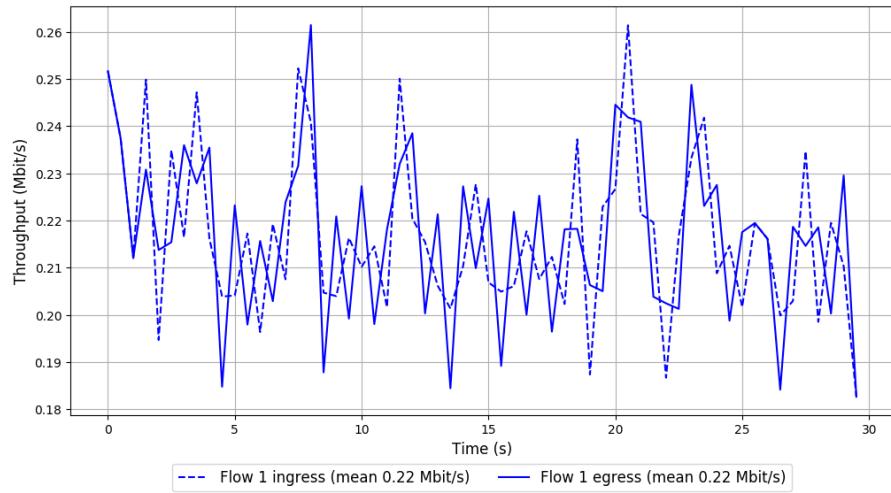


Run 8: Statistics of SCReAM

```
Start at: 2018-04-17 03:41:28
End at: 2018-04-17 03:41:58
Local clock offset: -4.999 ms
Remote clock offset: -7.009 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.631 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

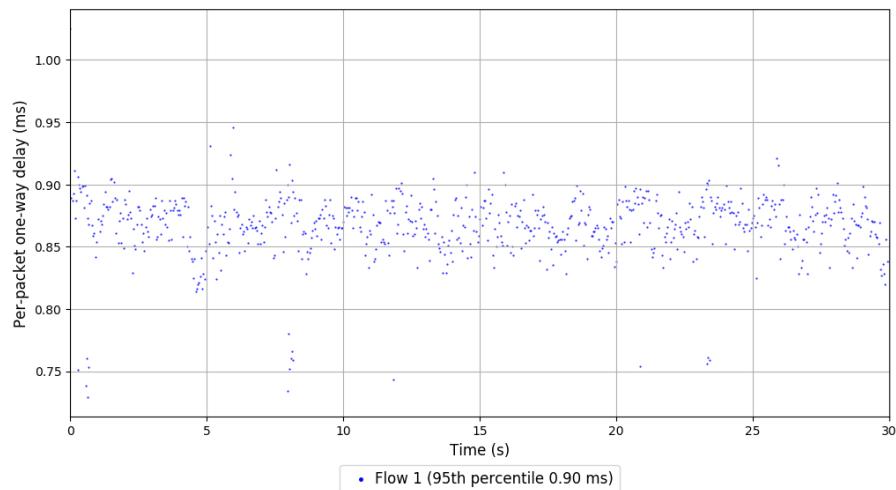
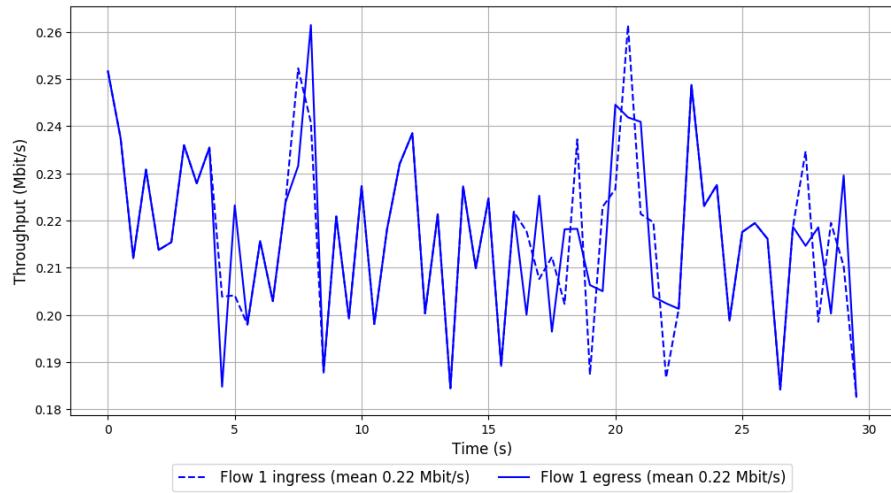


Run 9: Statistics of SCReAM

```
Start at: 2018-04-17 04:00:30
End at: 2018-04-17 04:01:00
Local clock offset: -5.739 ms
Remote clock offset: -7.067 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.897 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

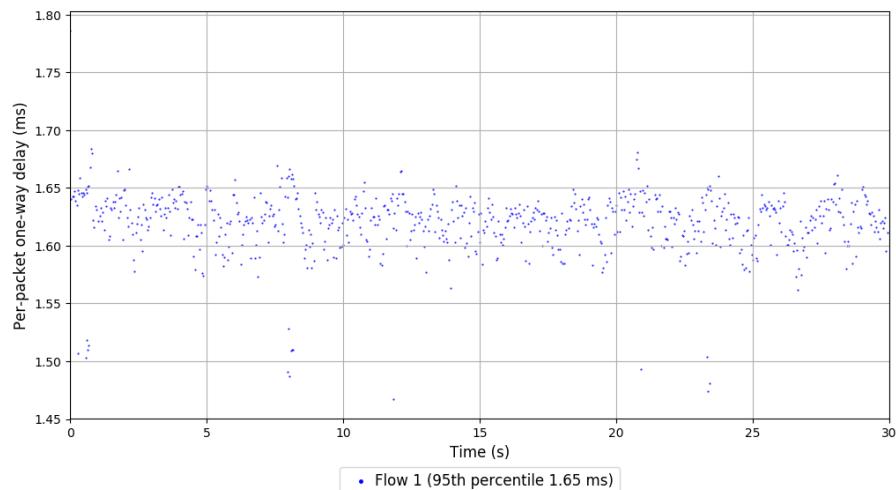
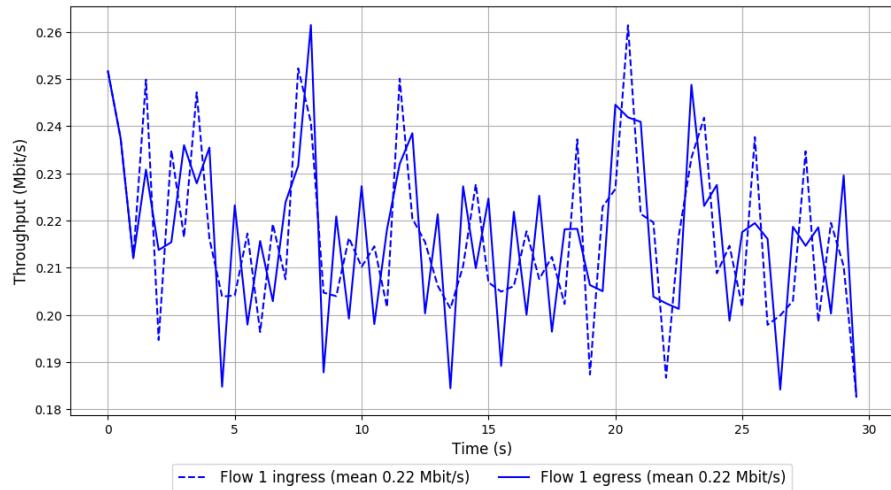


Run 10: Statistics of SCReAM

```
Start at: 2018-04-17 04:19:35
End at: 2018-04-17 04:20:05
Local clock offset: -5.057 ms
Remote clock offset: -7.022 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.650 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.650 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

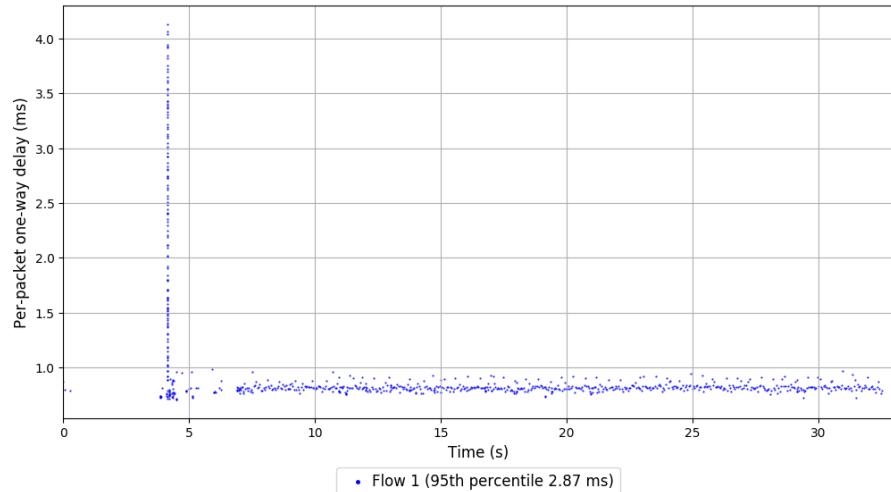
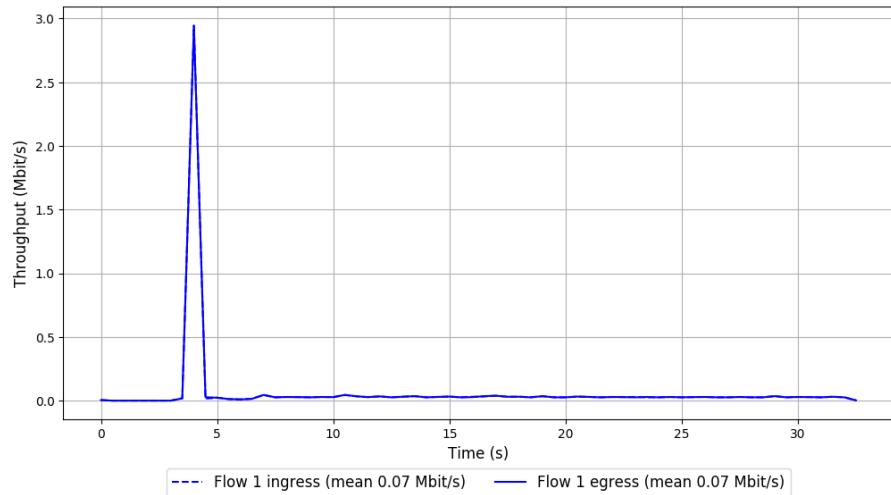


Run 1: Statistics of WebRTC media

```
Start at: 2018-04-17 01:31:34
End at: 2018-04-17 01:32:04
Local clock offset: -5.576 ms
Remote clock offset: -6.567 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

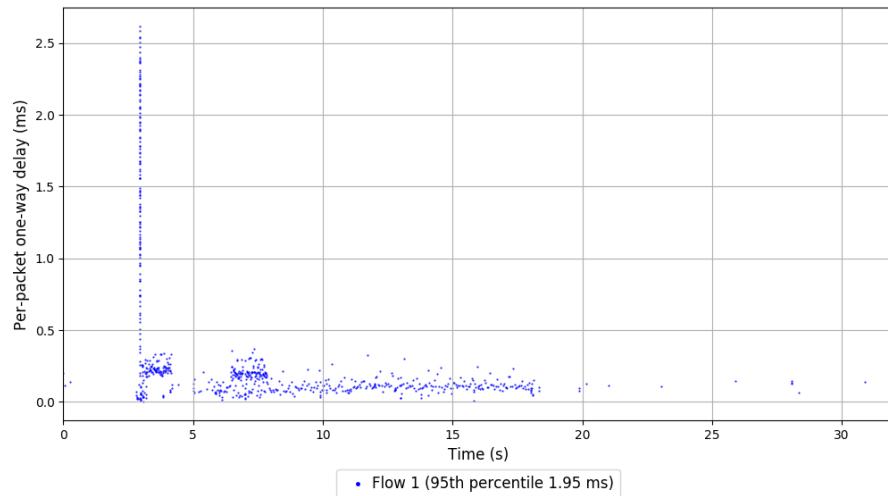
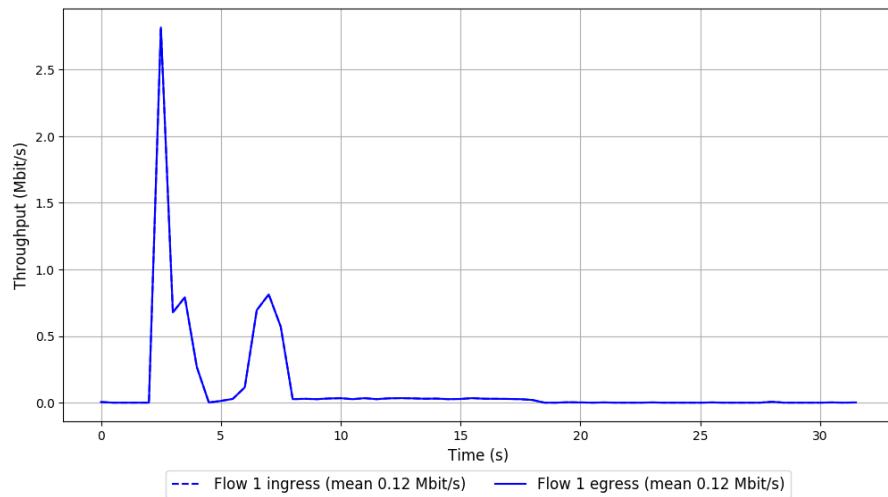


Run 2: Statistics of WebRTC media

```
Start at: 2018-04-17 01:50:30
End at: 2018-04-17 01:51:00
Local clock offset: -6.417 ms
Remote clock offset: -6.885 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1.946 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

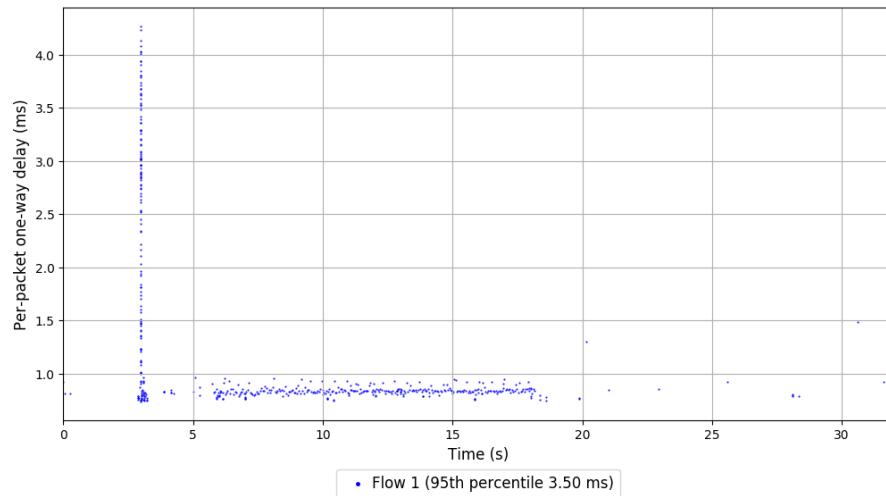
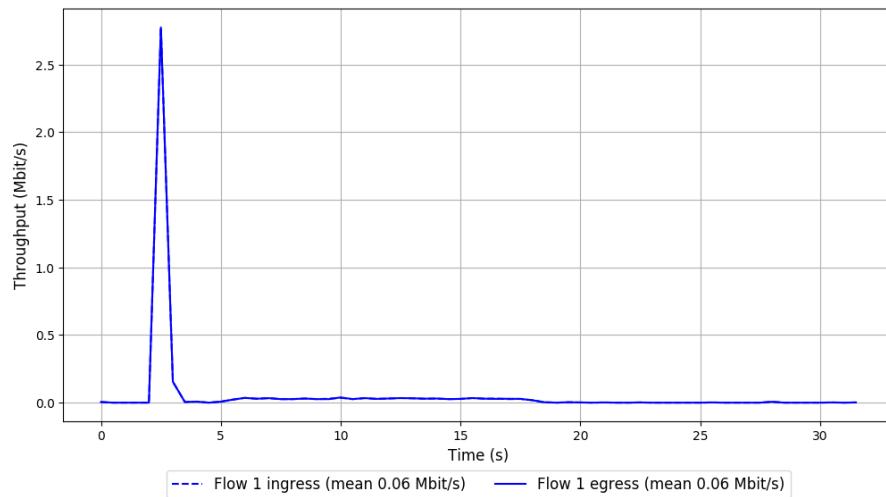


```
Run 3: Statistics of WebRTC media

Start at: 2018-04-17 02:09:32
End at: 2018-04-17 02:10:02
Local clock offset: -5.839 ms
Remote clock offset: -6.931 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.500 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

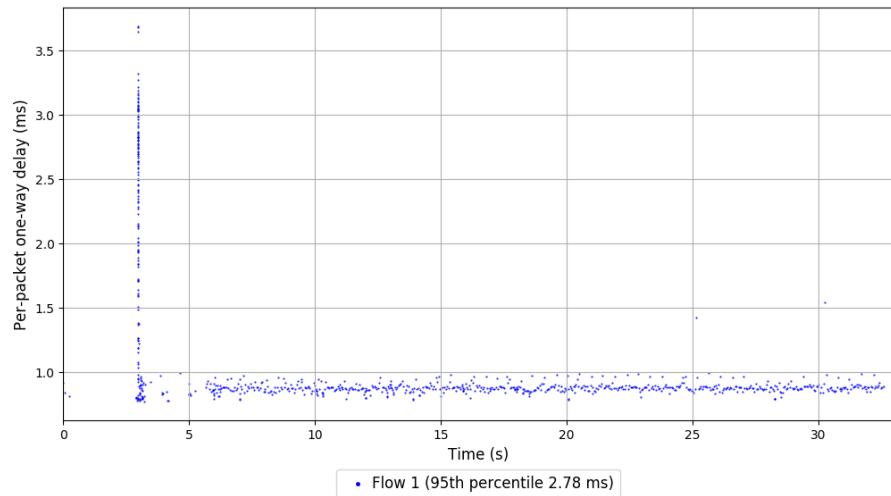
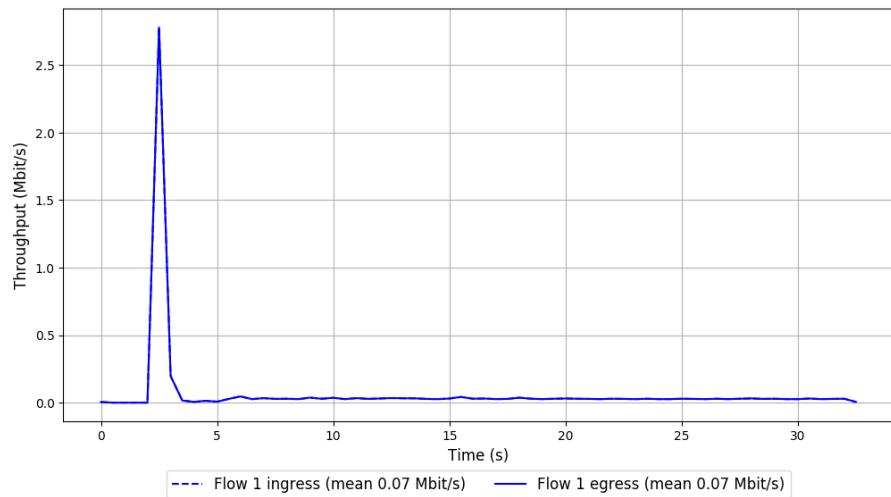


Run 4: Statistics of WebRTC media

```
Start at: 2018-04-17 02:28:34
End at: 2018-04-17 02:29:04
Local clock offset: -6.016 ms
Remote clock offset: -6.488 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 2.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 2.777 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

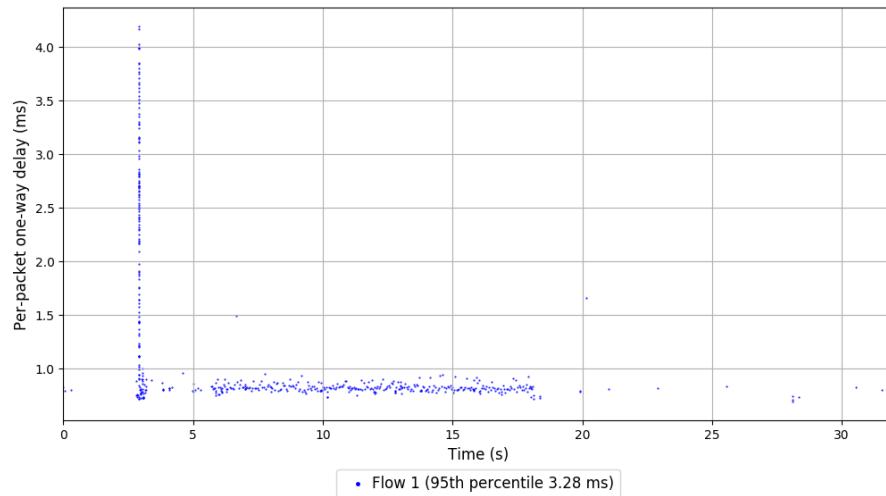
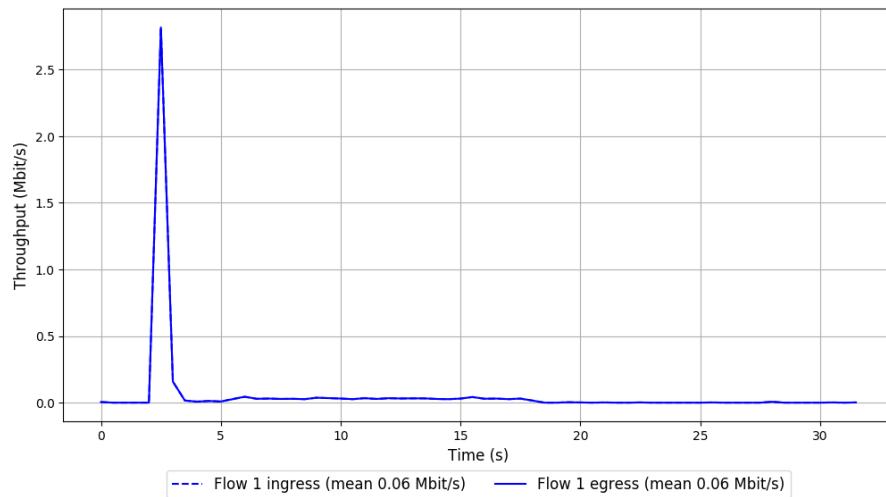


Run 5: Statistics of WebRTC media

```
Start at: 2018-04-17 02:47:36
End at: 2018-04-17 02:48:06
Local clock offset: -5.7 ms
Remote clock offset: -6.171 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.283 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

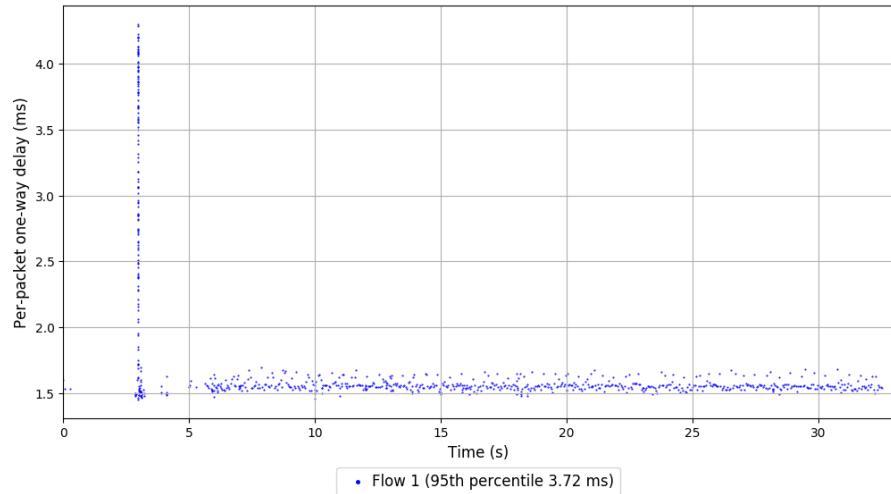
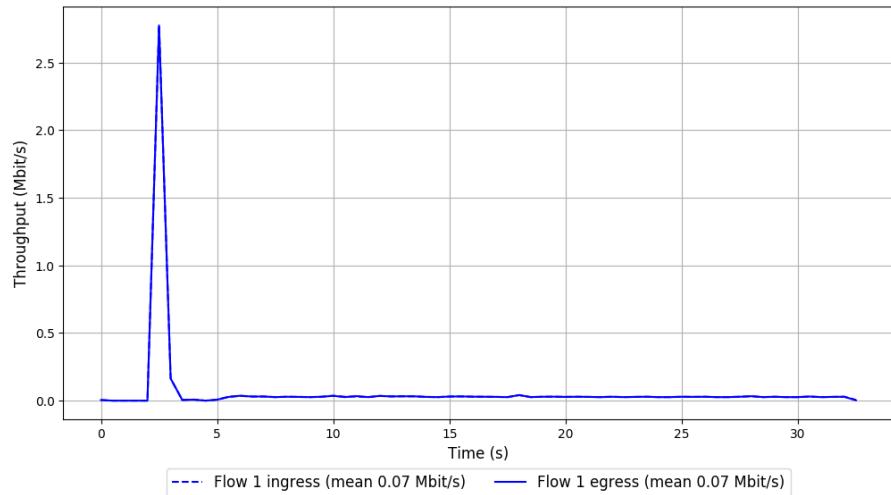


Run 6: Statistics of WebRTC media

```
Start at: 2018-04-17 03:06:38
End at: 2018-04-17 03:07:08
Local clock offset: -4.803 ms
Remote clock offset: -6.576 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 3.721 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 3.721 ms
Loss rate: 0.06%
```

Run 6: Report of WebRTC media — Data Link

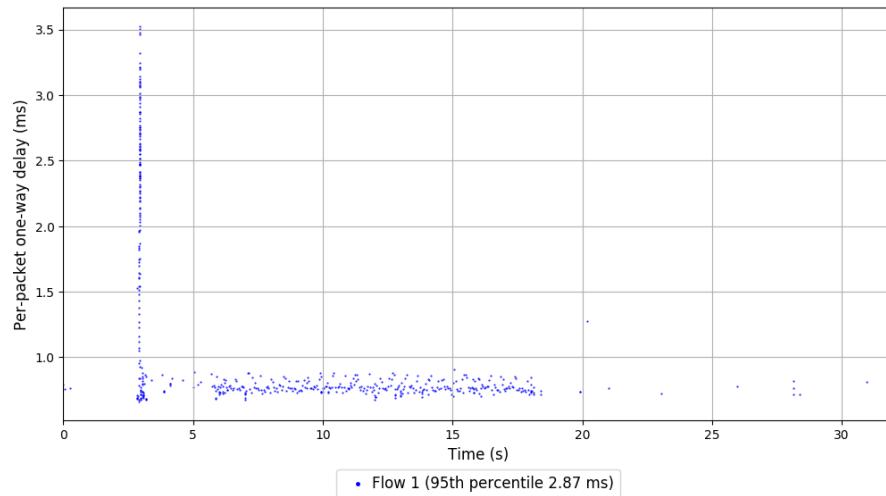
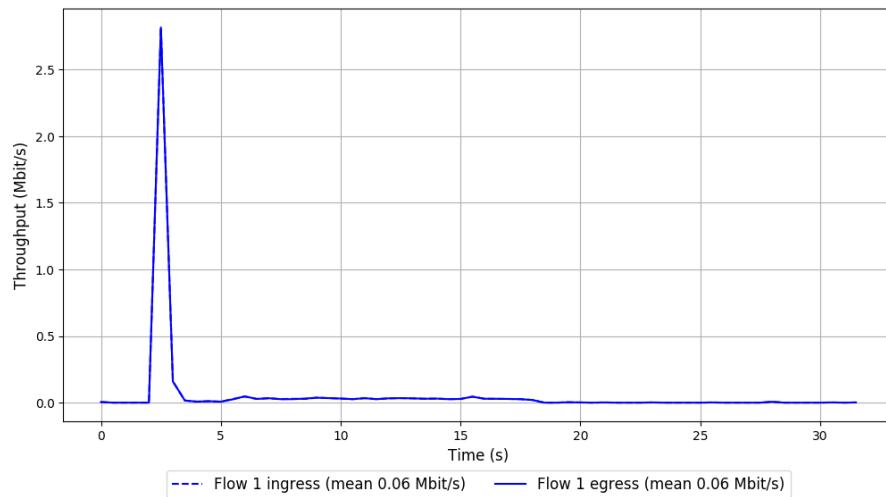


Run 7: Statistics of WebRTC media

```
Start at: 2018-04-17 03:25:43
End at: 2018-04-17 03:26:13
Local clock offset: -5.724 ms
Remote clock offset: -6.667 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.873 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

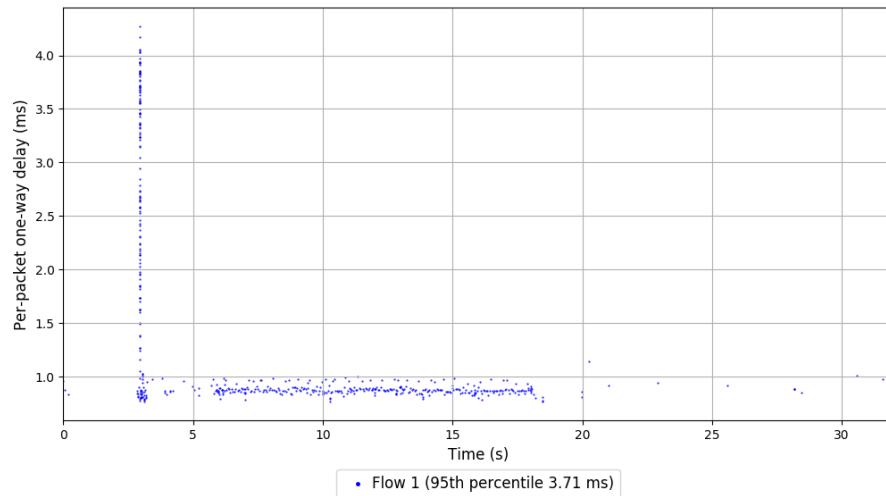
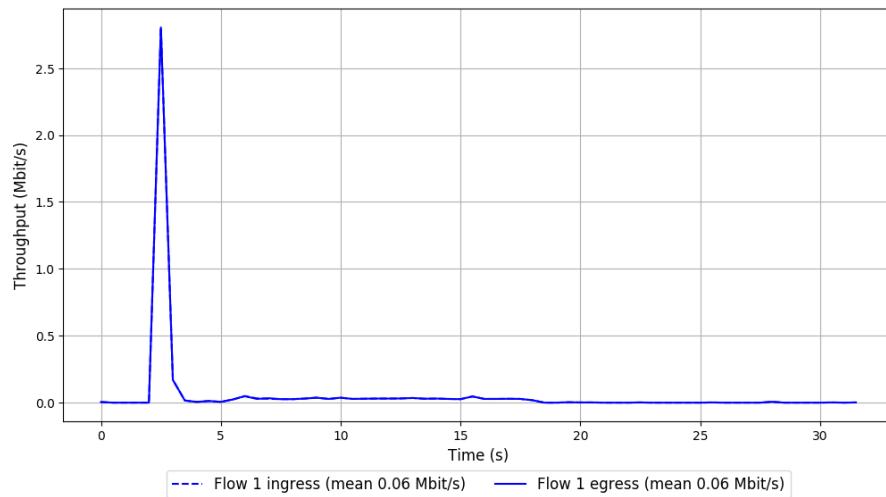


Run 8: Statistics of WebRTC media

```
Start at: 2018-04-17 03:44:48
End at: 2018-04-17 03:45:19
Local clock offset: -5.734 ms
Remote clock offset: -7.116 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.709 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

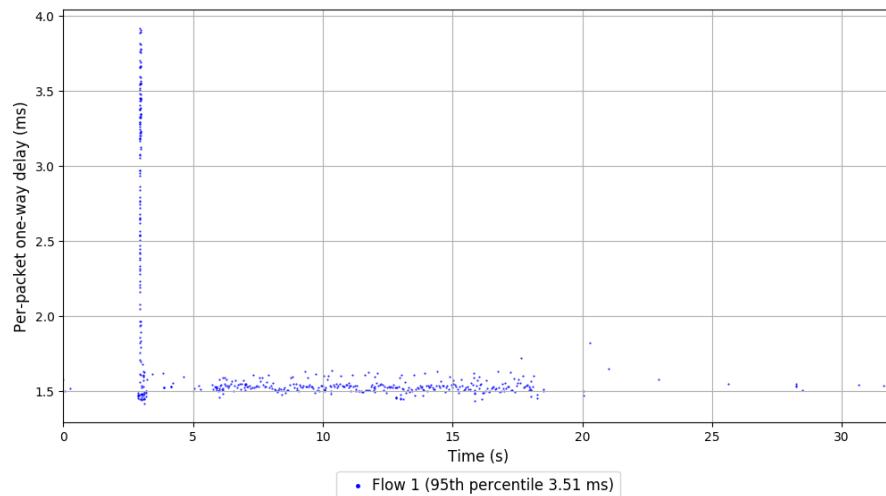
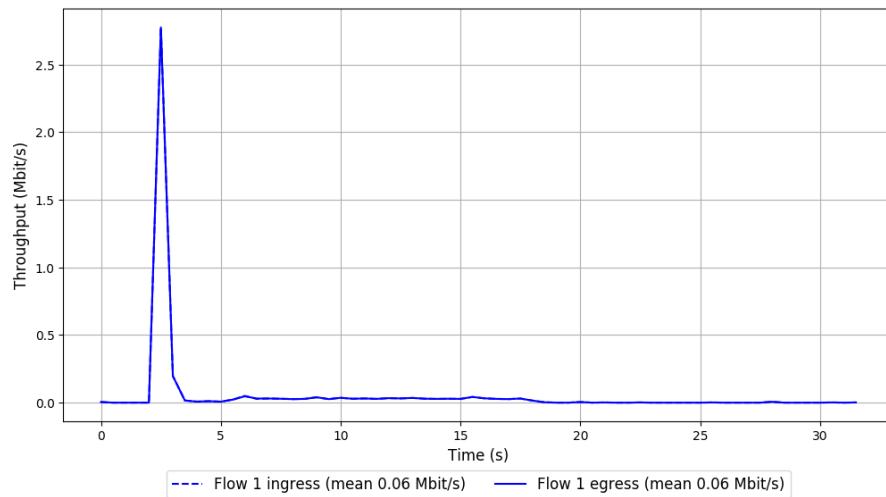


Run 9: Statistics of WebRTC media

```
Start at: 2018-04-17 04:03:51
End at: 2018-04-17 04:04:21
Local clock offset: -5.036 ms
Remote clock offset: -7.081 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.508 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

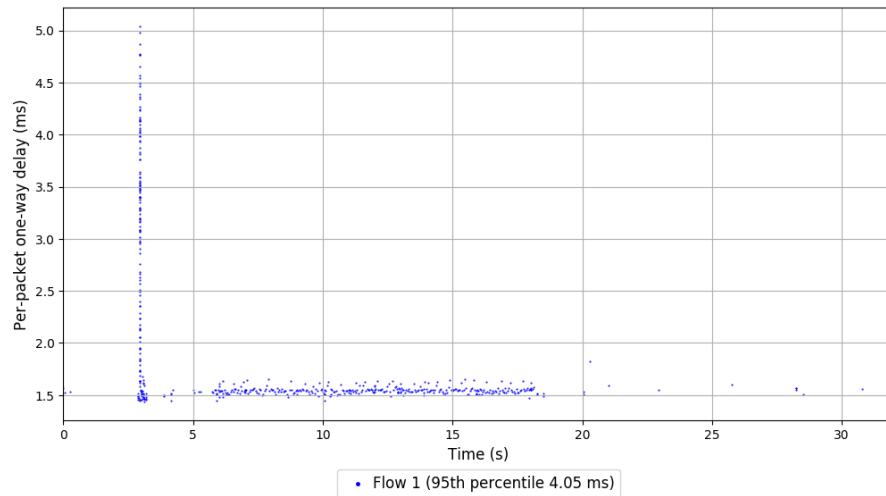
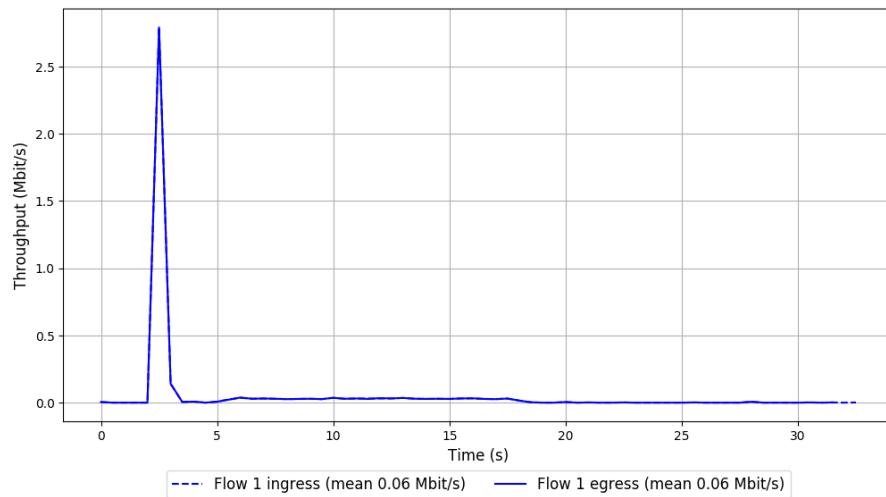


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-04-17 04:22:56
End at: 2018-04-17 04:23:26
Local clock offset: -5.064 ms
Remote clock offset: -7.026 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.047 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.047 ms
Loss rate: 0.04%
```

Run 10: Report of WebRTC media — Data Link

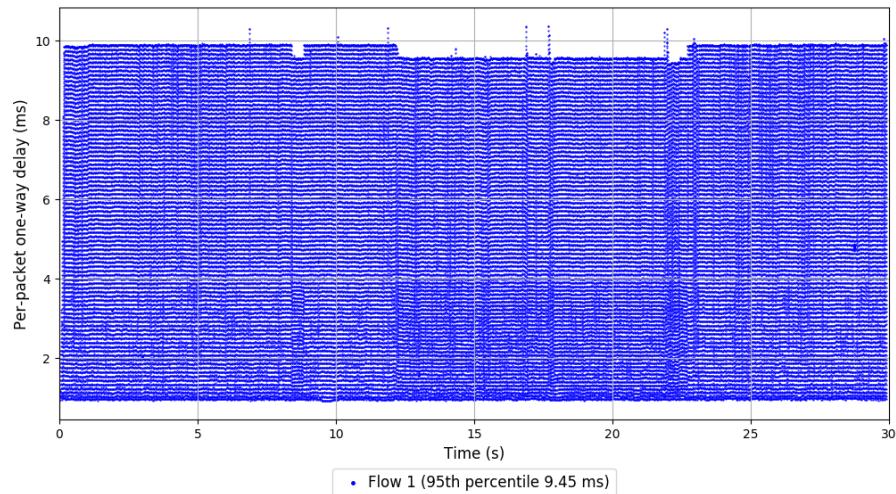
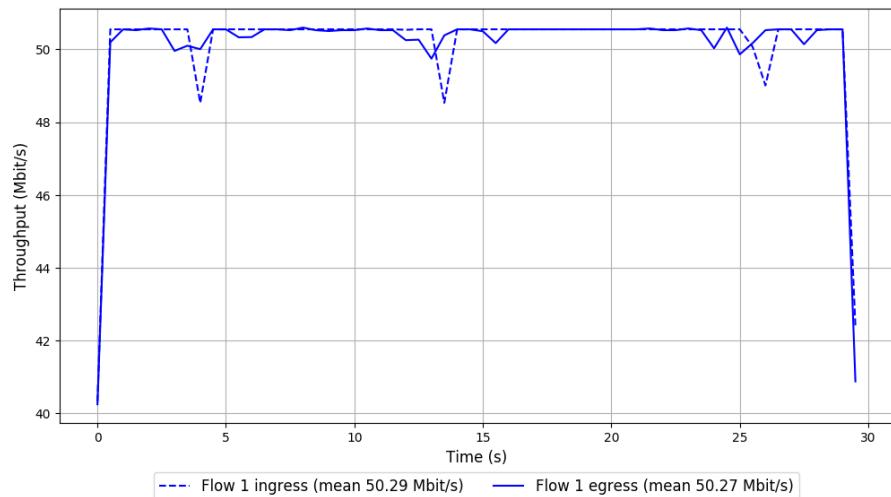


Run 1: Statistics of Sprout

```
Start at: 2018-04-17 01:34:51
End at: 2018-04-17 01:35:21
Local clock offset: -5.627 ms
Remote clock offset: -6.613 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 9.445 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 9.445 ms
Loss rate: 0.07%
```

Run 1: Report of Sprout — Data Link

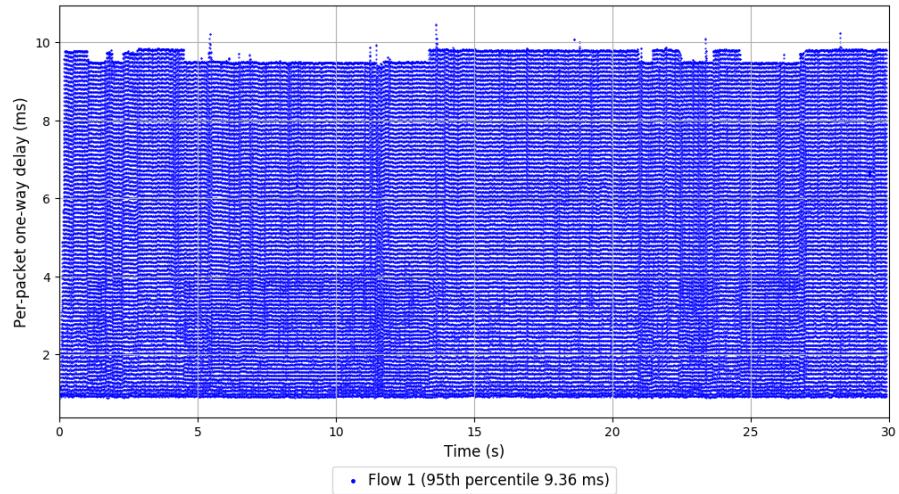
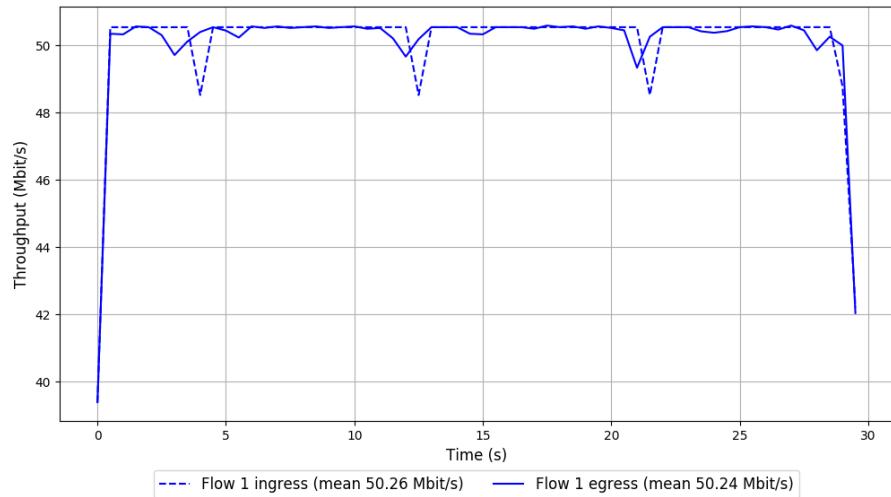


Run 2: Statistics of Sprout

```
Start at: 2018-04-17 01:53:48
End at: 2018-04-17 01:54:18
Local clock offset: -5.647 ms
Remote clock offset: -6.853 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 9.356 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 9.356 ms
Loss rate: 0.01%
```

Run 2: Report of Sprout — Data Link

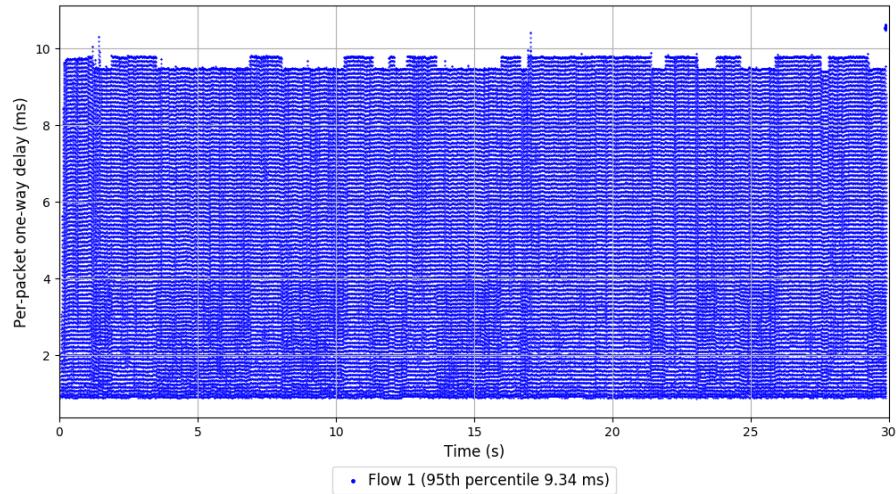
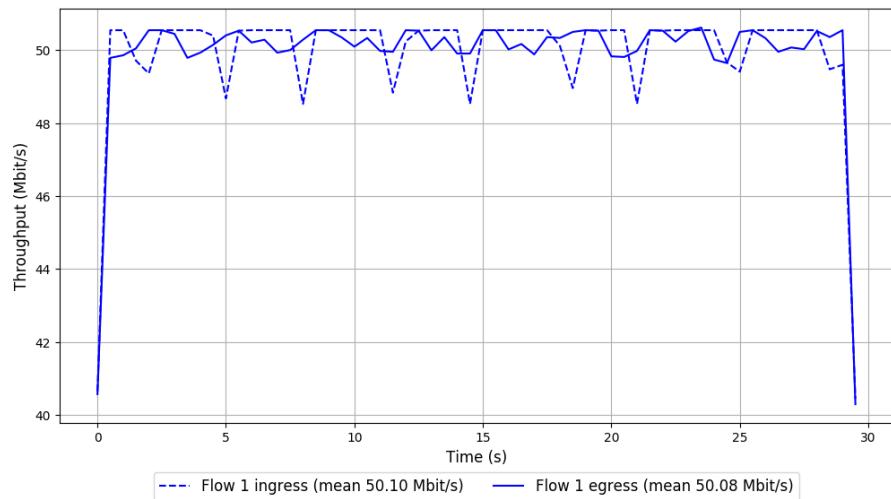


Run 3: Statistics of Sprout

```
Start at: 2018-04-17 02:12:49
End at: 2018-04-17 02:13:19
Local clock offset: -5.911 ms
Remote clock offset: -6.915 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 9.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 9.338 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

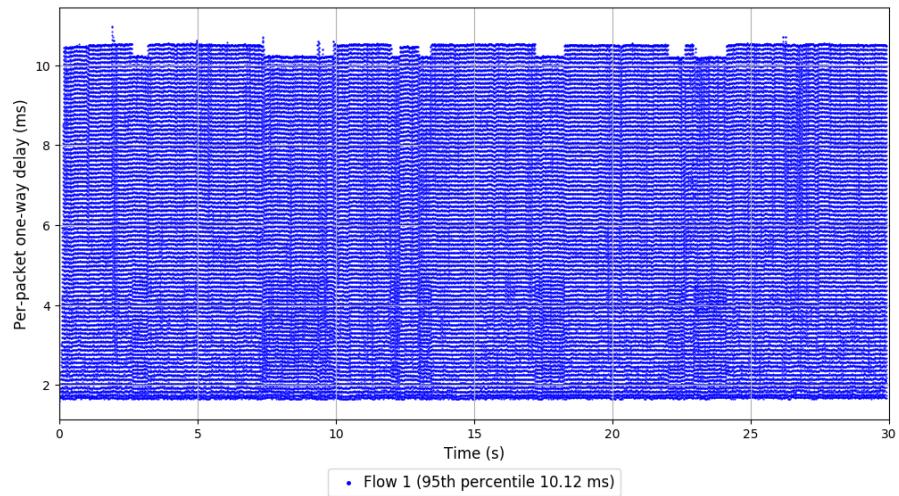
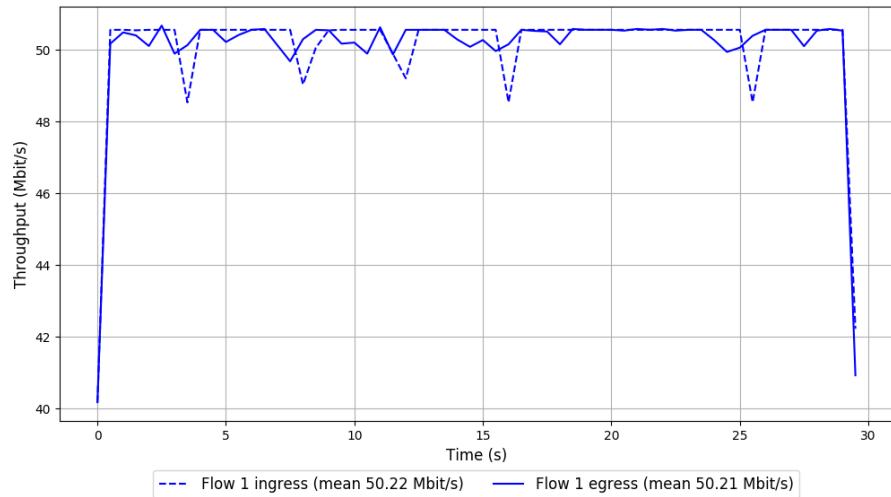


Run 4: Statistics of Sprout

```
Start at: 2018-04-17 02:31:51
End at: 2018-04-17 02:32:21
Local clock offset: -5.287 ms
Remote clock offset: -6.366 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 10.118 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 10.118 ms
Loss rate: 0.06%
```

Run 4: Report of Sprout — Data Link

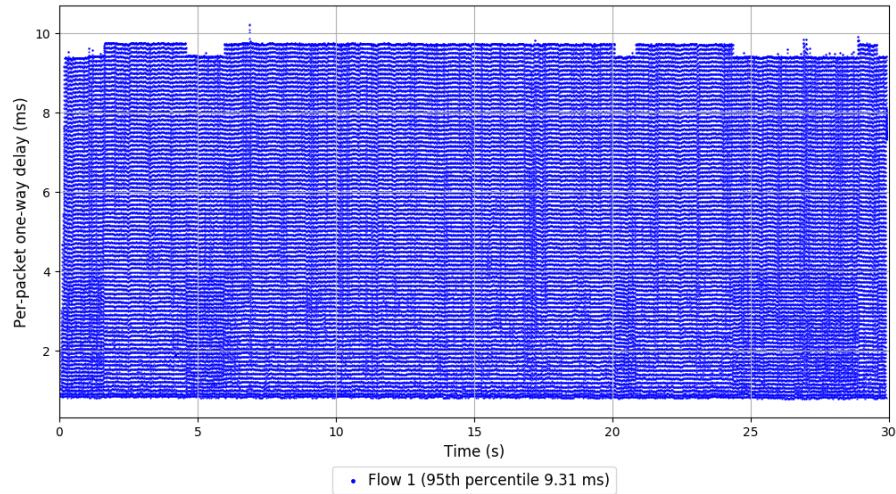
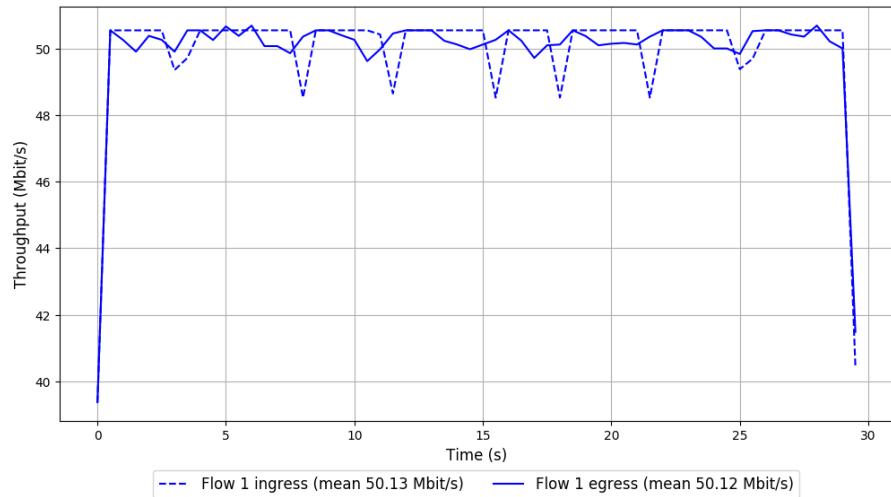


Run 5: Statistics of Sprout

```
Start at: 2018-04-17 02:50:53
End at: 2018-04-17 02:51:23
Local clock offset: -5.656 ms
Remote clock offset: -6.27 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 9.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 9.307 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

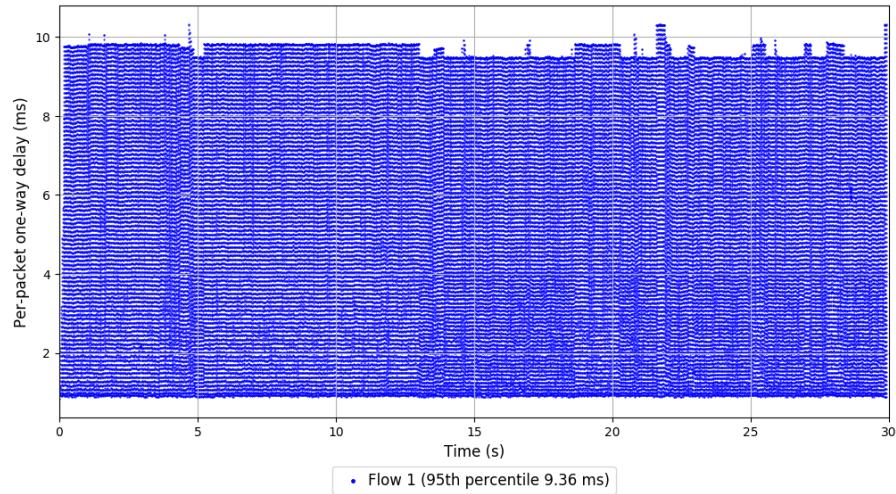
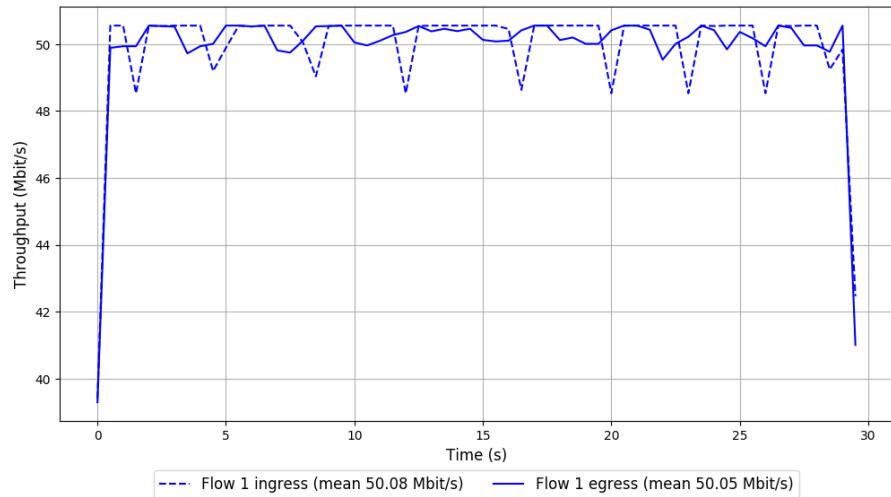


Run 6: Statistics of Sprout

```
Start at: 2018-04-17 03:09:56
End at: 2018-04-17 03:10:26
Local clock offset: -5.582 ms
Remote clock offset: -6.539 ms

# Below is generated by plot.py at 2018-04-17 07:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.05 Mbit/s
95th percentile per-packet one-way delay: 9.364 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 50.05 Mbit/s
95th percentile per-packet one-way delay: 9.364 ms
Loss rate: 0.05%
```

Run 6: Report of Sprout — Data Link

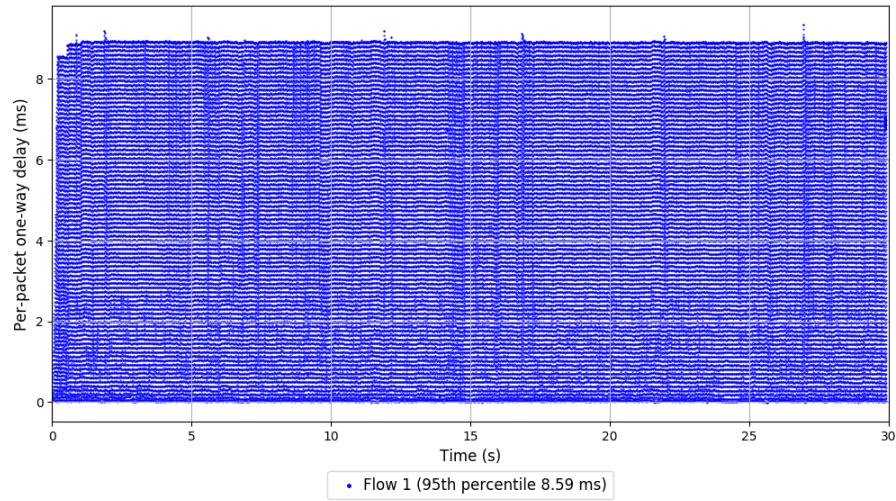
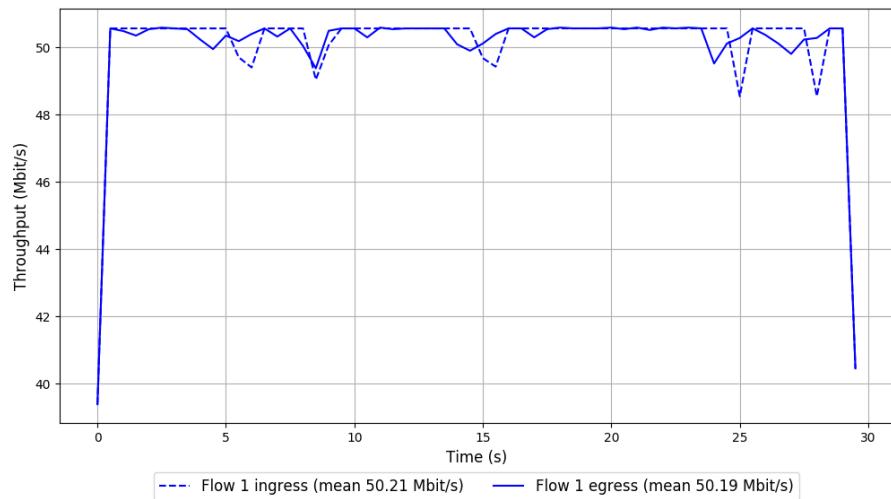


Run 7: Statistics of Sprout

```
Start at: 2018-04-17 03:29:02
End at: 2018-04-17 03:29:32
Local clock offset: -6.564 ms
Remote clock offset: -6.762 ms

# Below is generated by plot.py at 2018-04-17 07:57:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 8.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 8.585 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

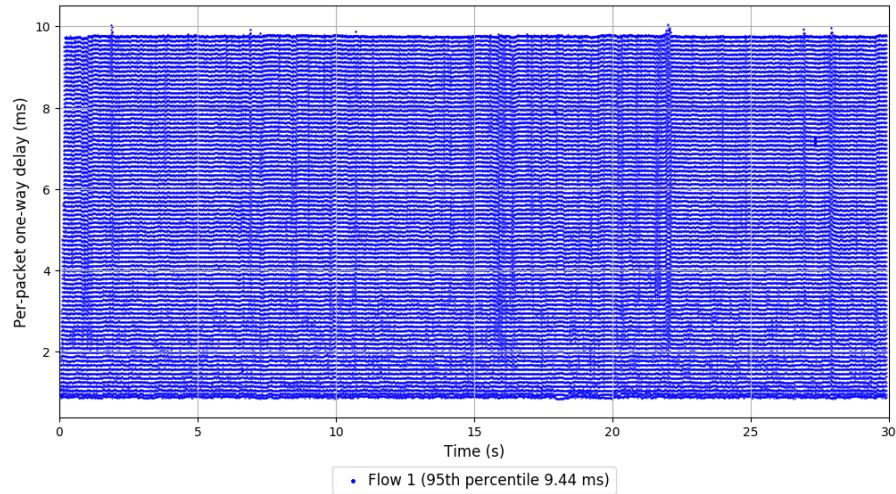
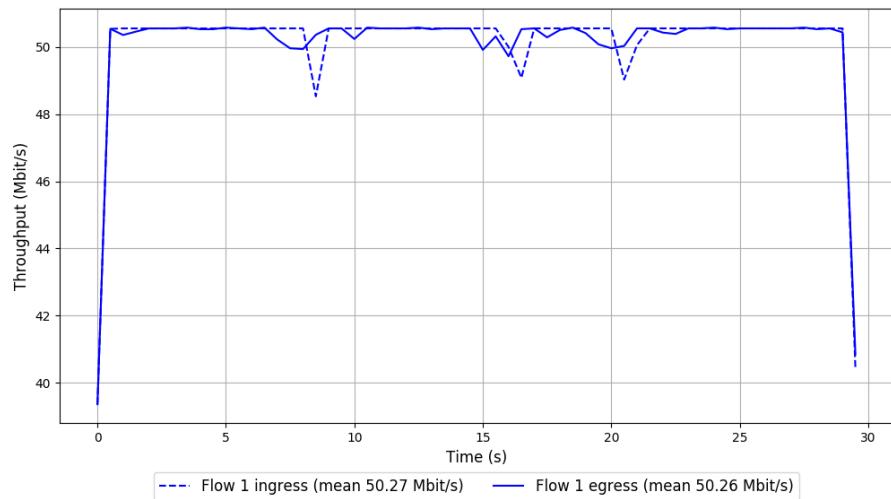


Run 8: Statistics of Sprout

```
Start at: 2018-04-17 03:48:06
End at: 2018-04-17 03:48:36
Local clock offset: -5.772 ms
Remote clock offset: -7.083 ms

# Below is generated by plot.py at 2018-04-17 07:57:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 9.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 9.443 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

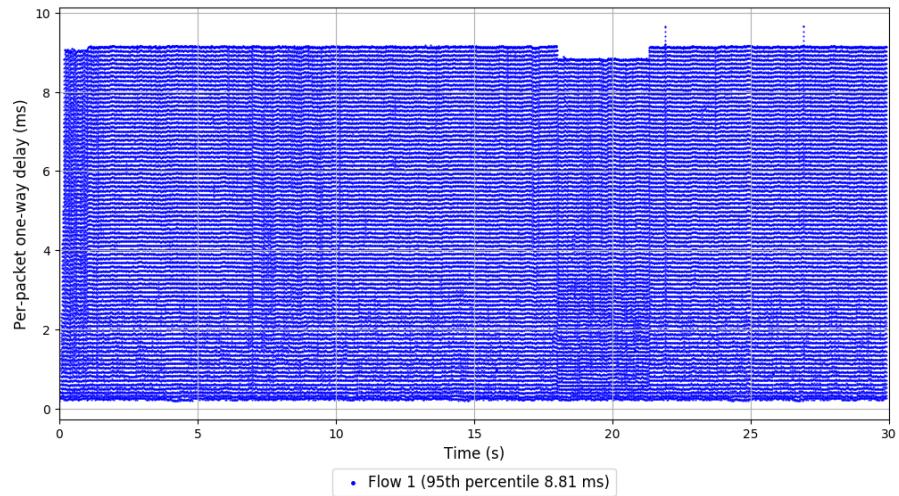
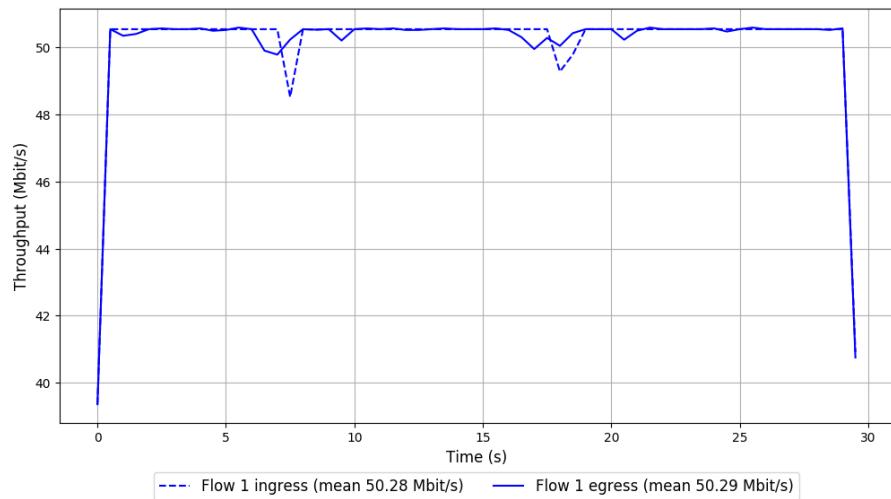


Run 9: Statistics of Sprout

```
Start at: 2018-04-17 04:07:09
End at: 2018-04-17 04:07:39
Local clock offset: -6.511 ms
Remote clock offset: -7.137 ms

# Below is generated by plot.py at 2018-04-17 07:57:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 8.811 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 8.811 ms
Loss rate: 0.02%
```

Run 9: Report of Sprout — Data Link

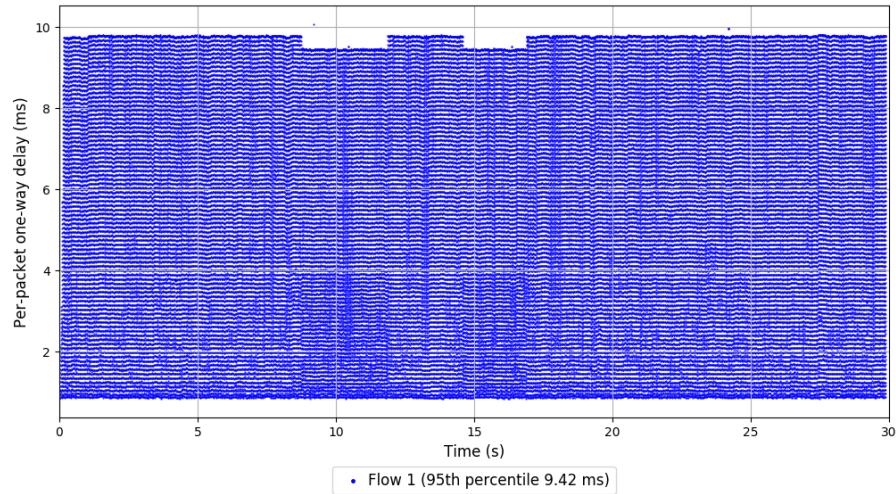
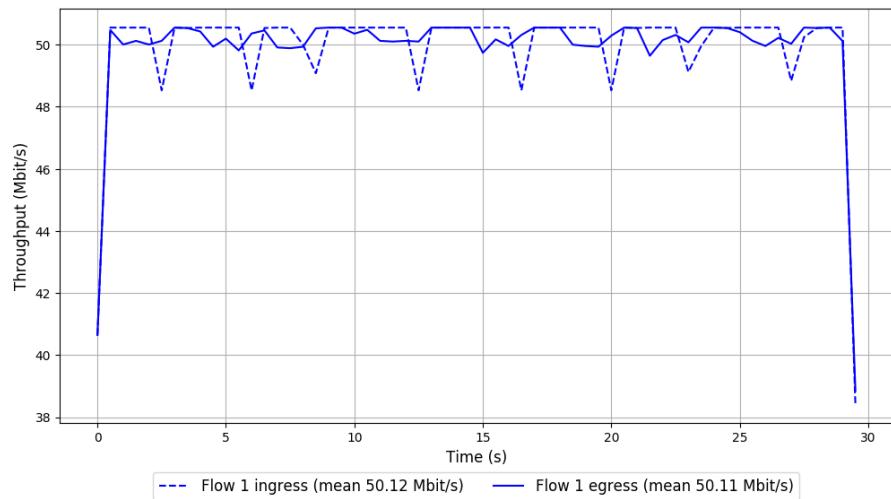


Run 10: Statistics of Sprout

```
Start at: 2018-04-17 04:26:12
End at: 2018-04-17 04:26:42
Local clock offset: -5.833 ms
Remote clock offset: -7.009 ms

# Below is generated by plot.py at 2018-04-17 07:57:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 9.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 9.417 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

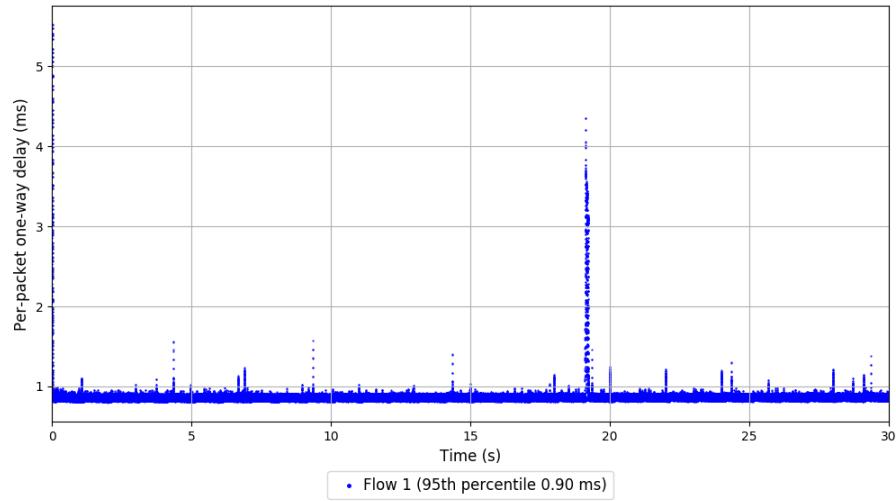
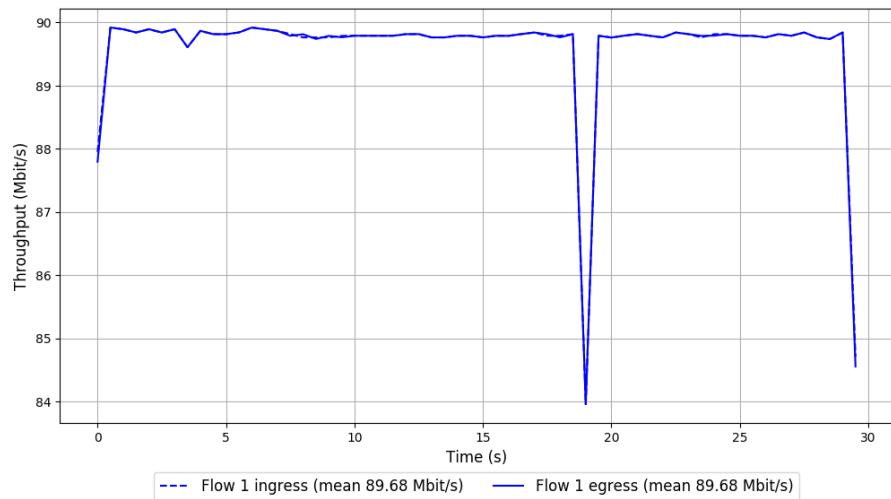


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-04-17 01:29:17
End at: 2018-04-17 01:29:47
Local clock offset: -5.619 ms
Remote clock offset: -6.611 ms

# Below is generated by plot.py at 2018-04-17 07:58:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.01%
```

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

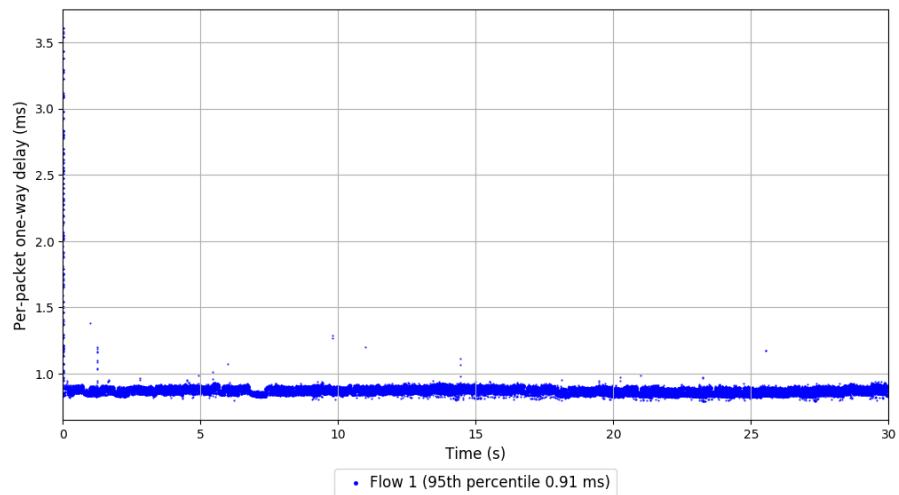
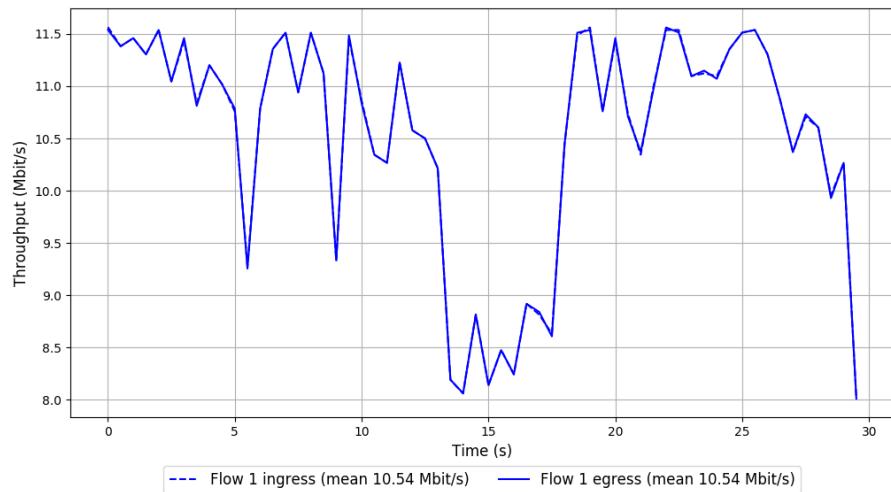


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-04-17 01:48:19
End at: 2018-04-17 01:48:49
Local clock offset: -5.67 ms
Remote clock offset: -6.786 ms

# Below is generated by plot.py at 2018-04-17 07:58:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.54 Mbit/s
95th percentile per-packet one-way delay: 0.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.54 Mbit/s
95th percentile per-packet one-way delay: 0.905 ms
Loss rate: 0.00%
```

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

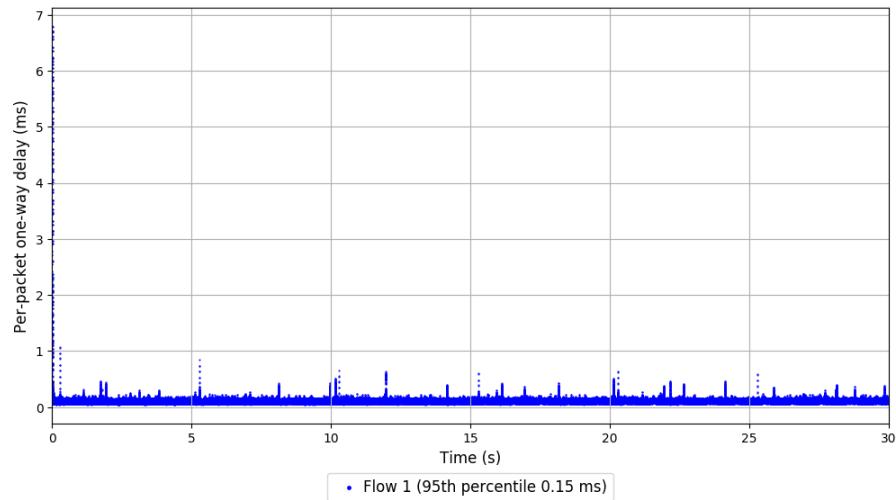
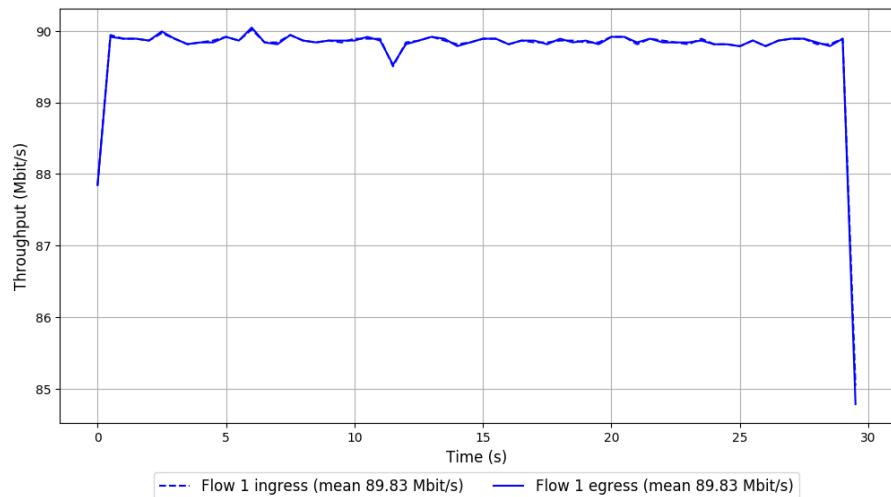


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-04-17 02:07:15
End at: 2018-04-17 02:07:45
Local clock offset: -6.61 ms
Remote clock offset: -6.913 ms

# Below is generated by plot.py at 2018-04-17 07:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 0.147 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 0.147 ms
Loss rate: 0.01%
```

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

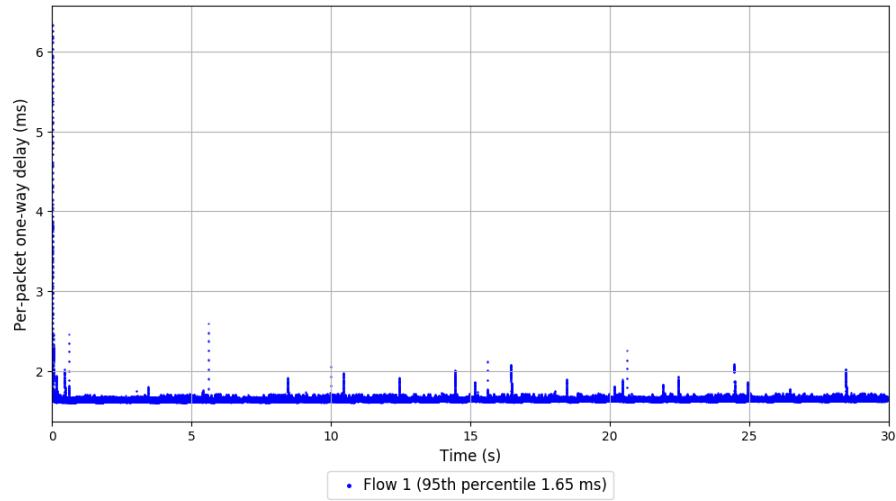
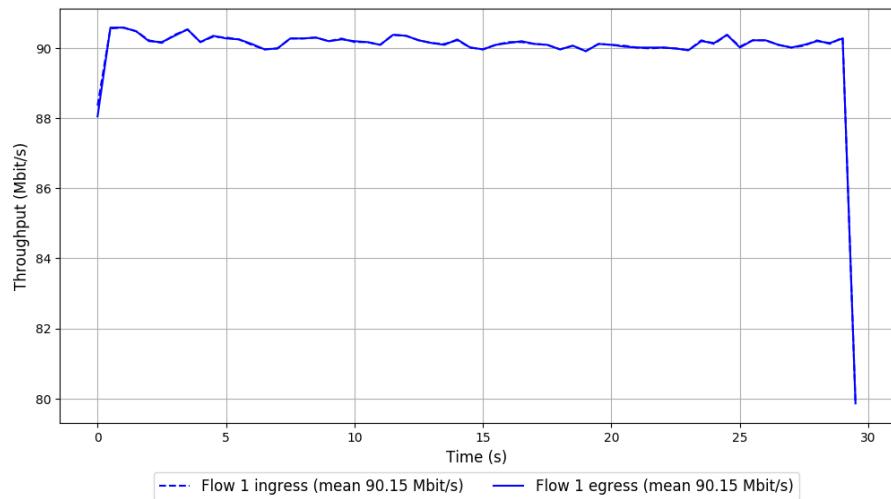


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-04-17 02:26:17
End at: 2018-04-17 02:26:47
Local clock offset: -5.245 ms
Remote clock offset: -6.47 ms

# Below is generated by plot.py at 2018-04-17 07:59:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 1.650 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 1.650 ms
Loss rate: 0.01%
```

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

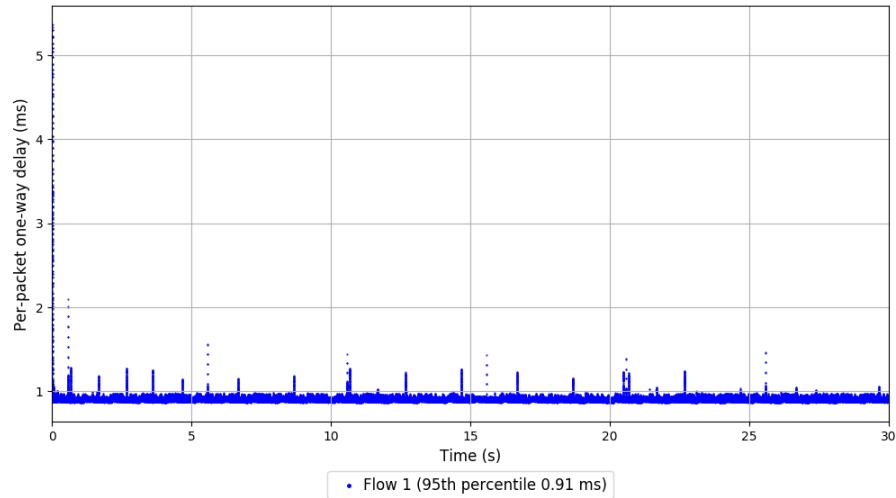
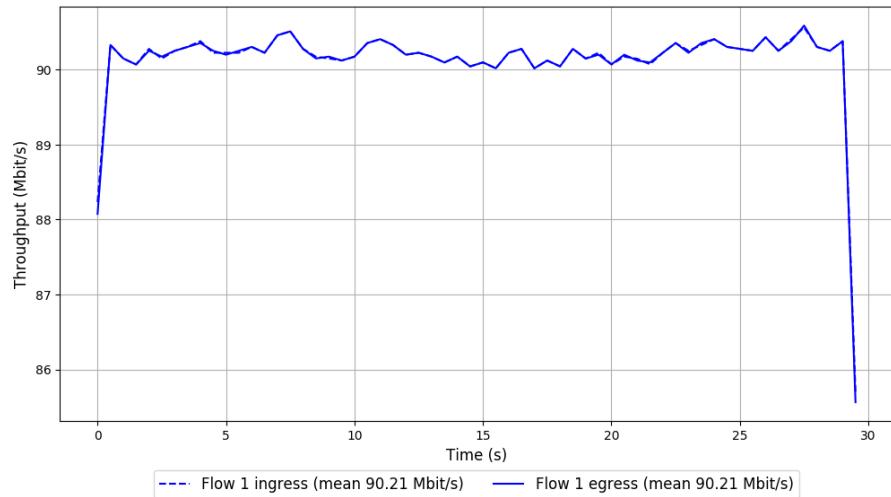


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-04-17 02:45:18
End at: 2018-04-17 02:45:48
Local clock offset: -5.665 ms
Remote clock offset: -6.138 ms

# Below is generated by plot.py at 2018-04-17 07:59:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 0.910 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 0.910 ms
Loss rate: 0.01%
```

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

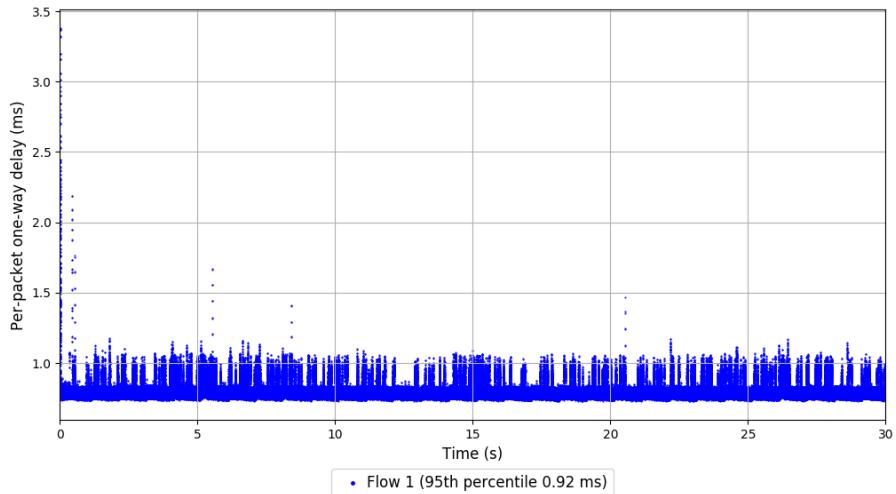
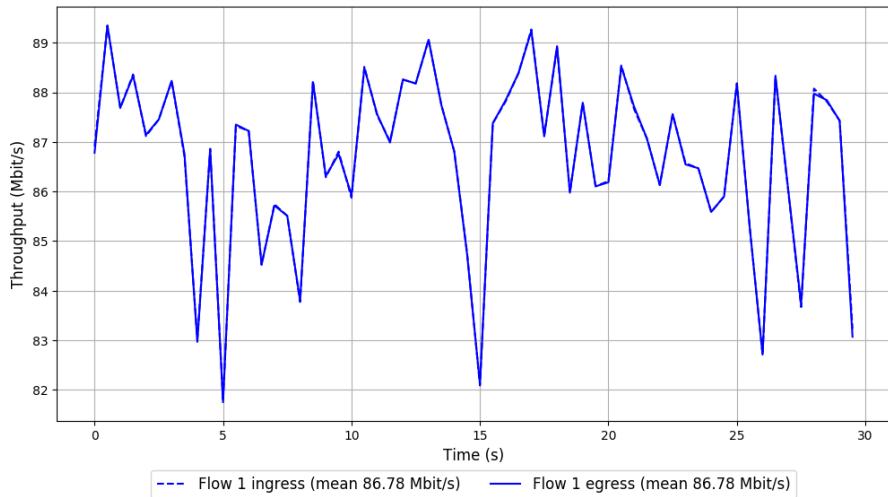


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-04-17 03:04:20
End at: 2018-04-17 03:04:50
Local clock offset: -5.632 ms
Remote clock offset: -6.549 ms

# Below is generated by plot.py at 2018-04-17 07:59:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 0.921 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 0.921 ms
Loss rate: 0.01%
```

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

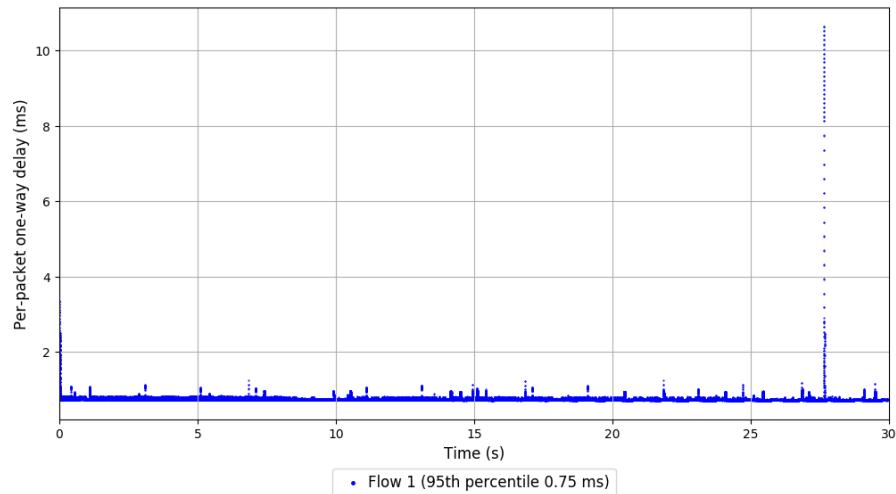
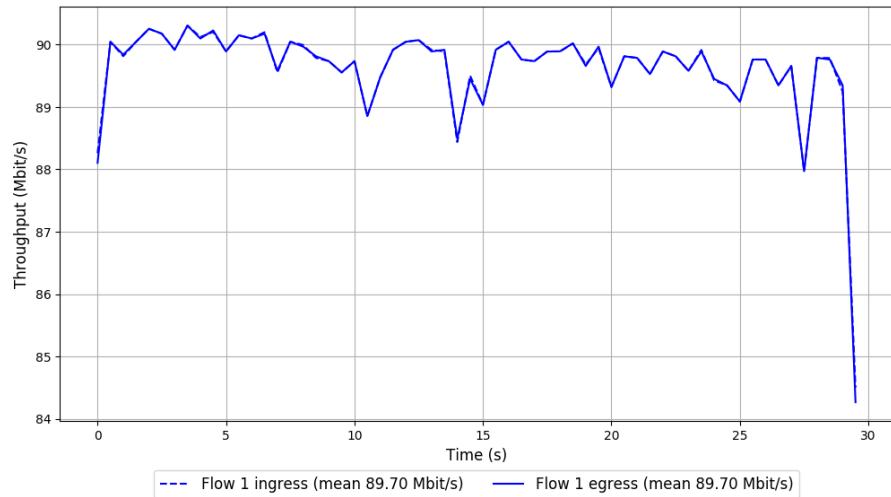


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-04-17 03:23:26
End at: 2018-04-17 03:23:56
Local clock offset: -5.806 ms
Remote clock offset: -6.57 ms

# Below is generated by plot.py at 2018-04-17 07:59:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.70 Mbit/s
95th percentile per-packet one-way delay: 0.754 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.70 Mbit/s
95th percentile per-packet one-way delay: 0.754 ms
Loss rate: 0.01%
```

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

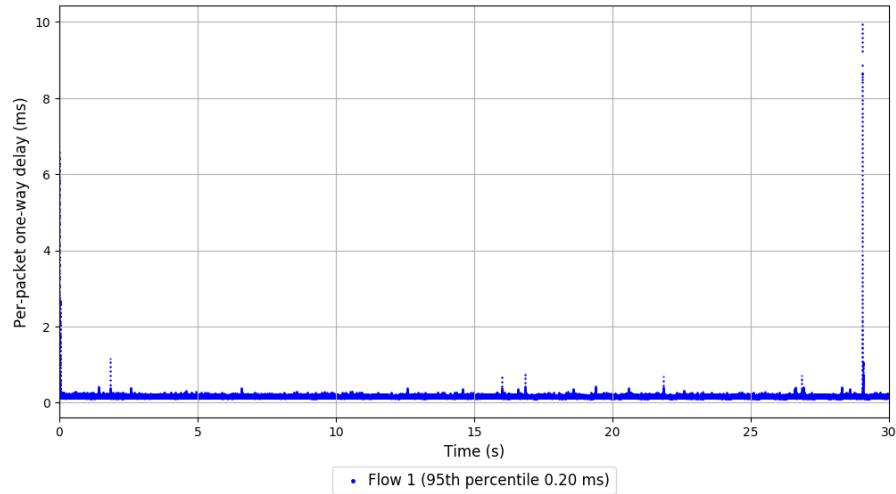
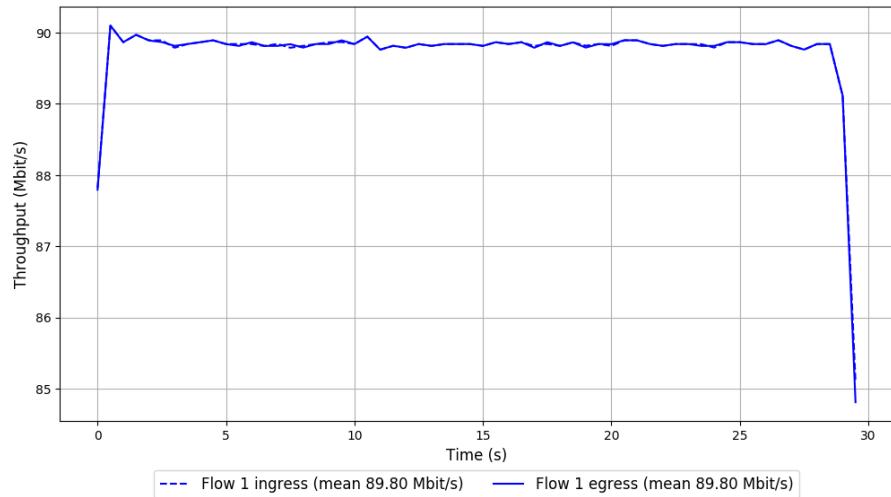


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-04-17 03:42:31
End at: 2018-04-17 03:43:01
Local clock offset: -6.51 ms
Remote clock offset: -7.072 ms

# Below is generated by plot.py at 2018-04-17 07:59:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 0.203 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 0.203 ms
Loss rate: 0.01%
```

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

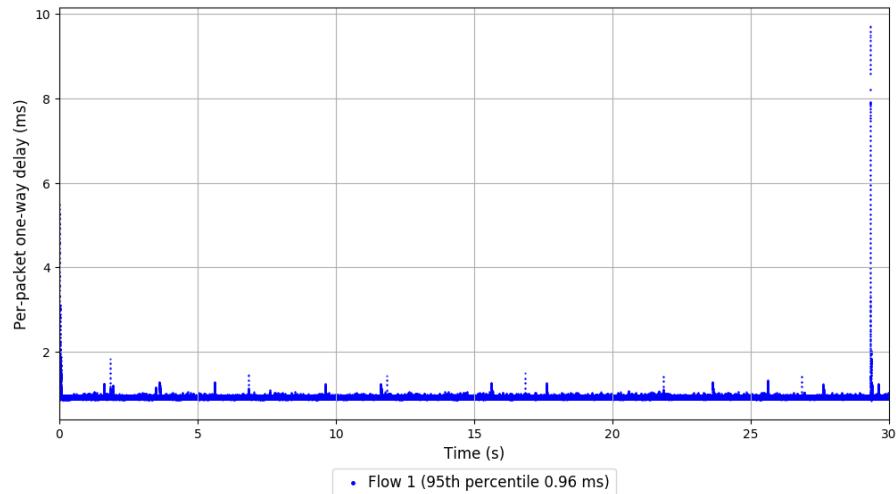
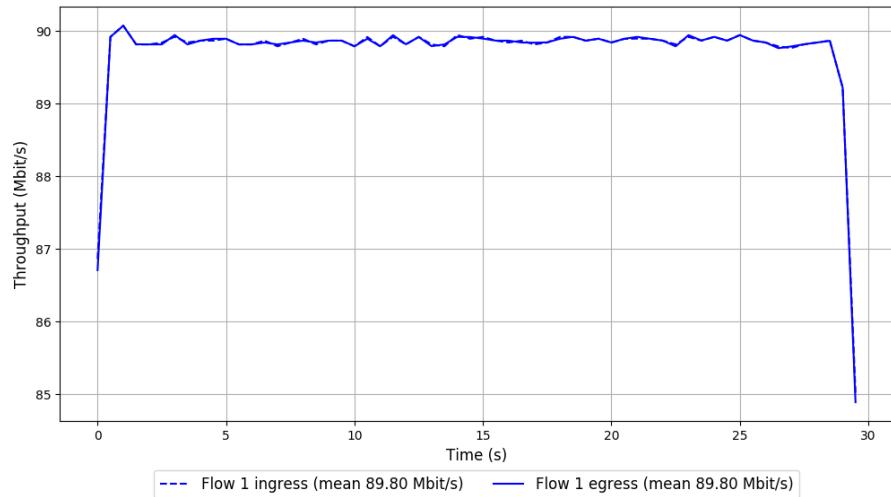


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-04-17 04:01:33
End at: 2018-04-17 04:02:03
Local clock offset: -5.797 ms
Remote clock offset: -7.148 ms

# Below is generated by plot.py at 2018-04-17 07:59:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.01%
```

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

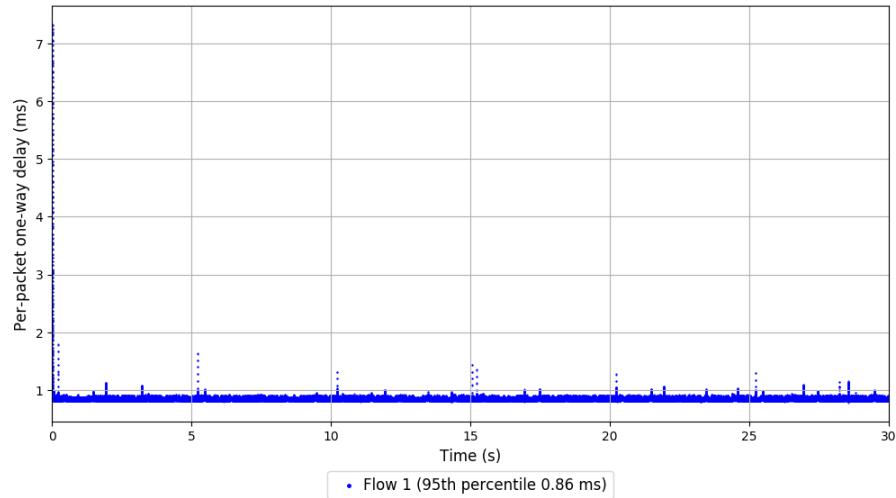
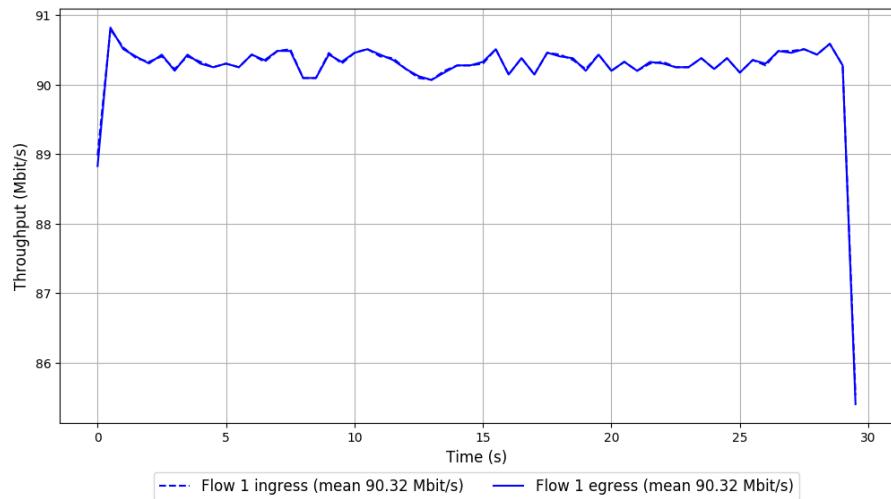


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-04-17 04:20:39
End at: 2018-04-17 04:21:09
Local clock offset: -5.79 ms
Remote clock offset: -6.973 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 0.860 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 0.860 ms
Loss rate: 0.01%
```

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

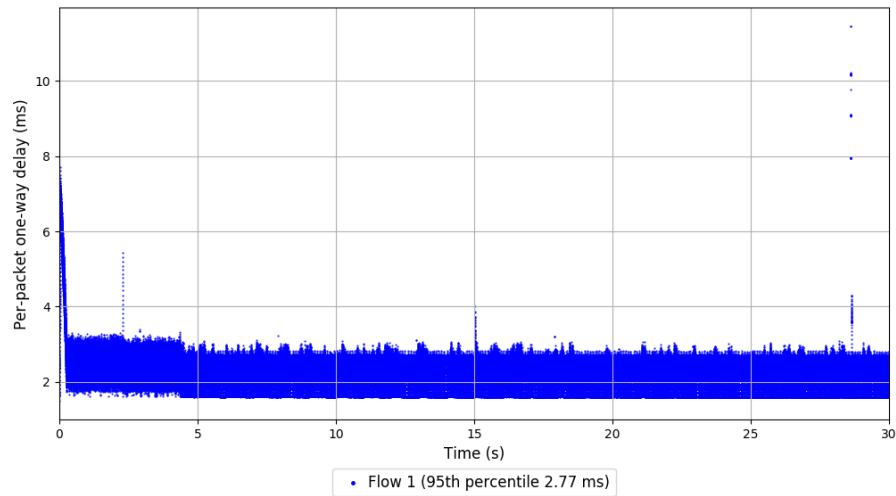
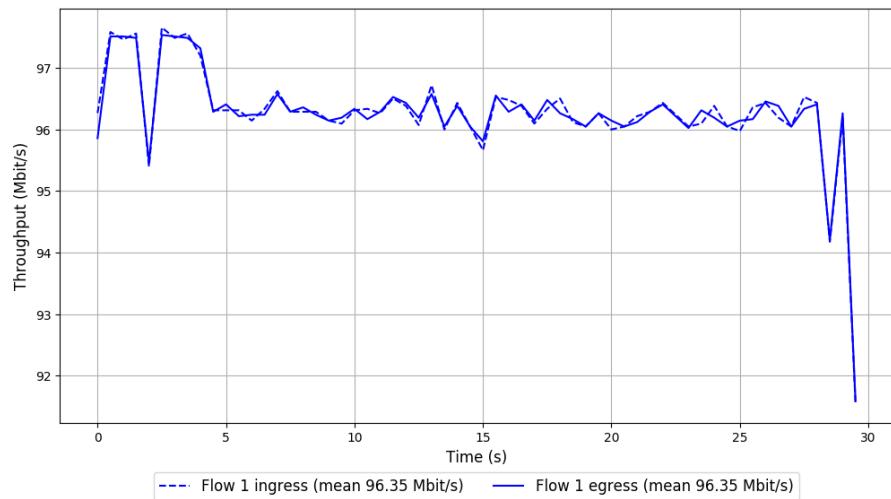


Run 1: Statistics of TCP Vegas

```
Start at: 2018-04-17 01:40:29
End at: 2018-04-17 01:40:59
Local clock offset: -4.874 ms
Remote clock offset: -6.532 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 2.767 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 2.767 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

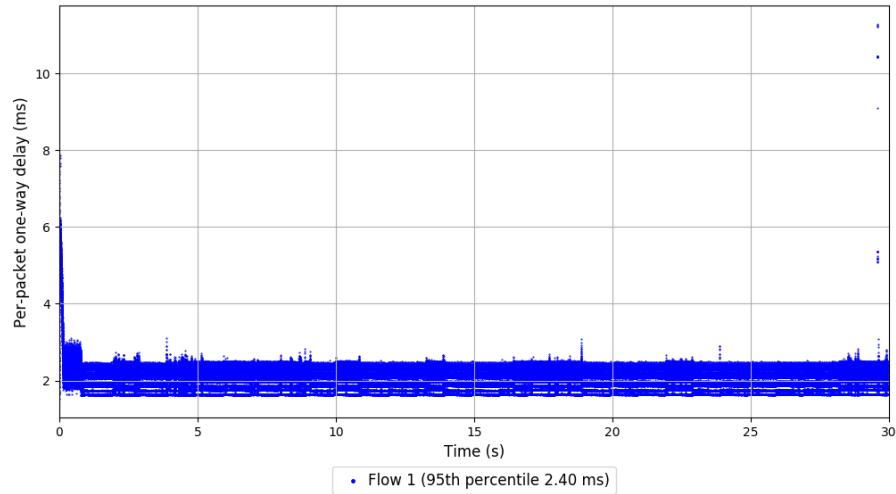
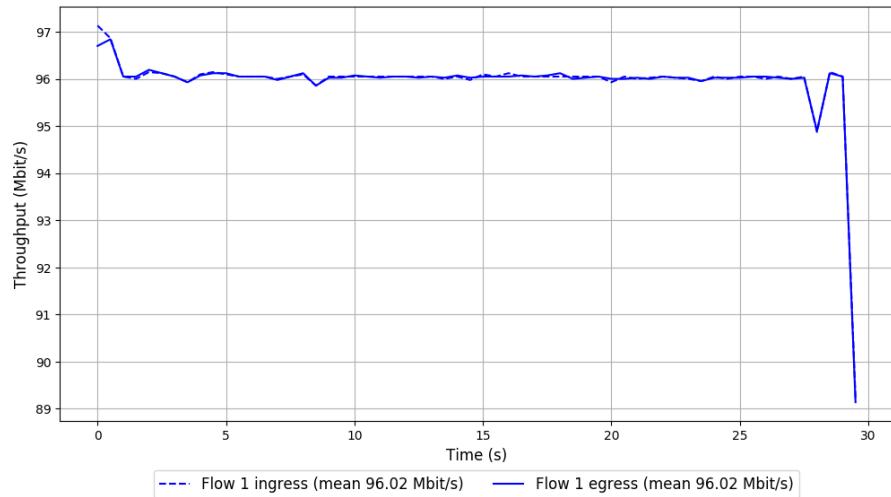


Run 2: Statistics of TCP Vegas

```
Start at: 2018-04-17 01:59:25
End at: 2018-04-17 01:59:55
Local clock offset: -4.933 ms
Remote clock offset: -6.896 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

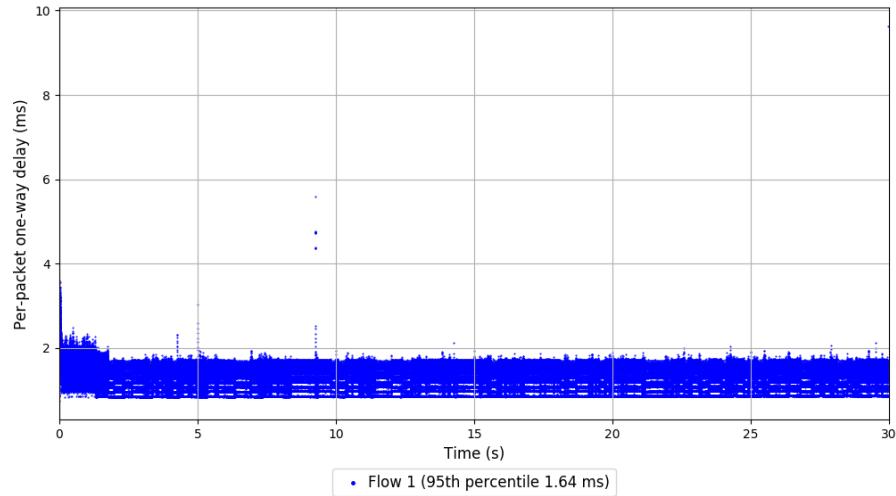
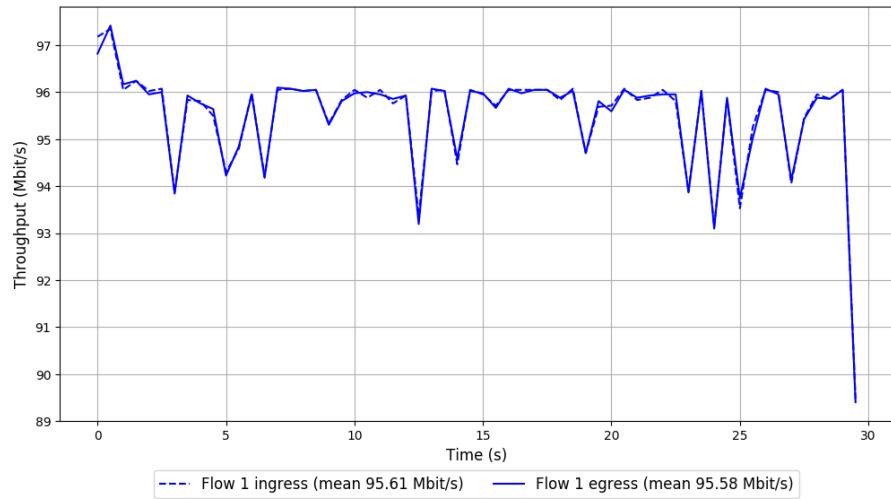


Run 3: Statistics of TCP Vegas

```
Start at: 2018-04-17 02:18:27
End at: 2018-04-17 02:18:57
Local clock offset: -5.967 ms
Remote clock offset: -6.673 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 1.642 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 1.642 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

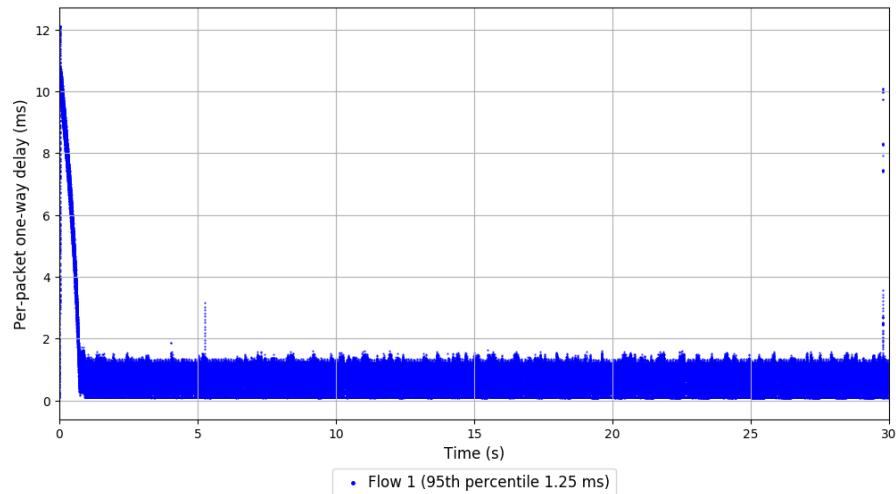
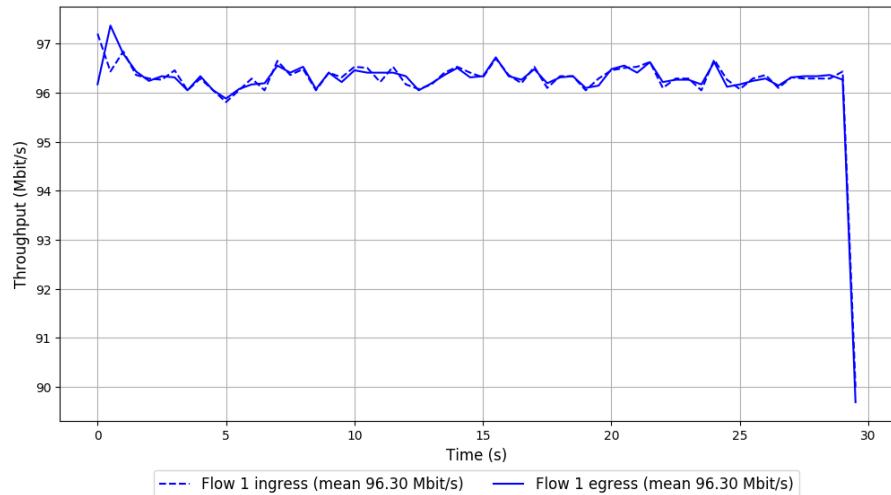


Run 4: Statistics of TCP Vegas

```
Start at: 2018-04-17 02:37:29
End at: 2018-04-17 02:37:59
Local clock offset: -6.614 ms
Remote clock offset: -6.243 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

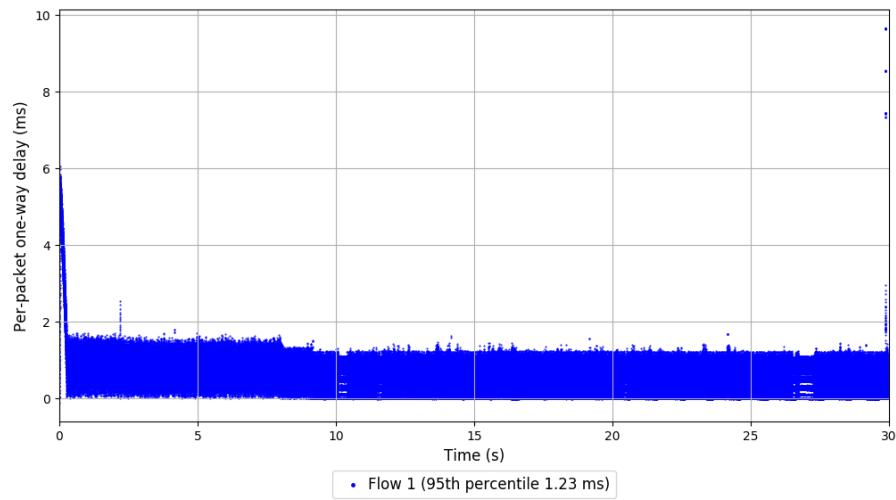
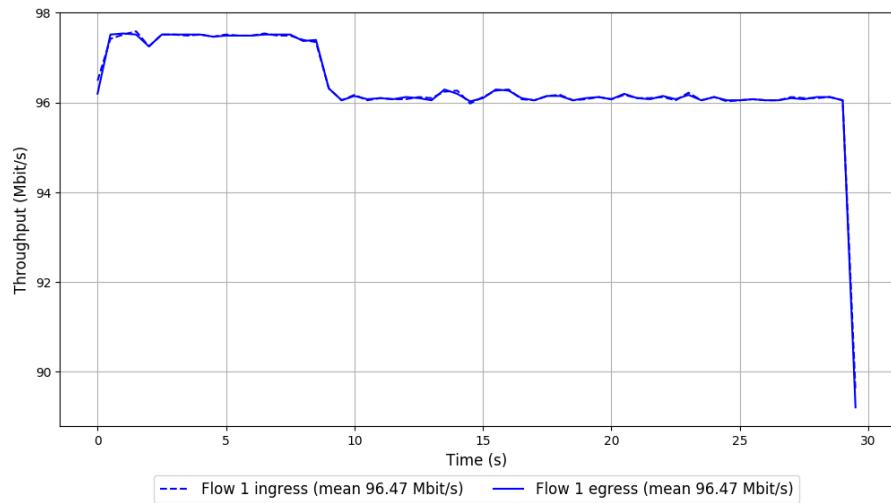


Run 5: Statistics of TCP Vegas

```
Start at: 2018-04-17 02:56:31
End at: 2018-04-17 02:57:01
Local clock offset: -6.42 ms
Remote clock offset: -6.462 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.01%
```

Run 5: Report of TCP Vegas — Data Link

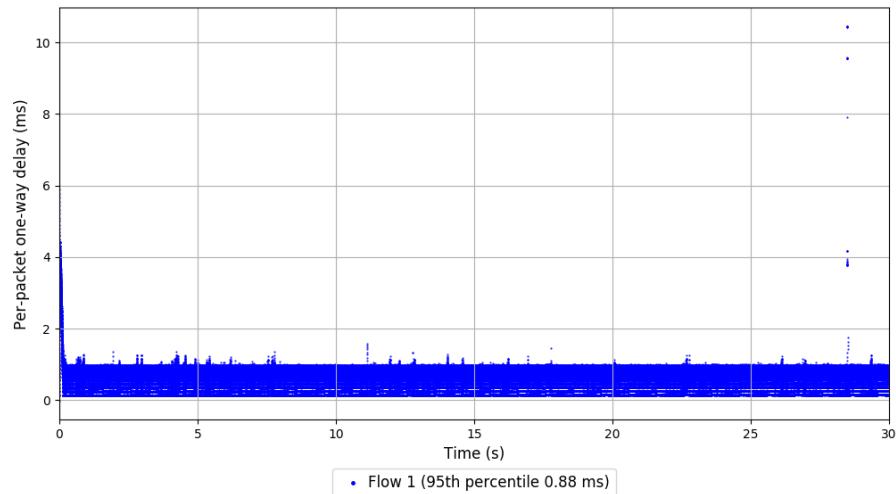
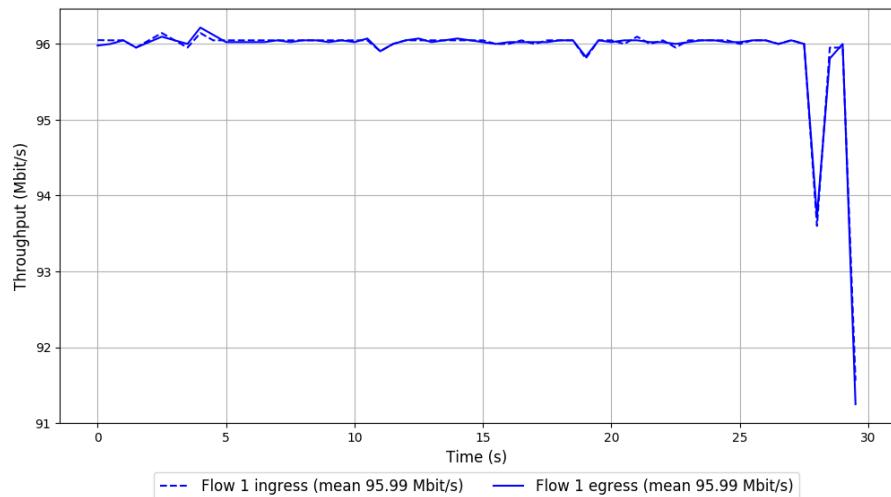


Run 6: Statistics of TCP Vegas

```
Start at: 2018-04-17 03:15:34
End at: 2018-04-17 03:16:04
Local clock offset: -6.392 ms
Remote clock offset: -6.513 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 0.883 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 0.883 ms
Loss rate: 0.01%
```

Run 6: Report of TCP Vegas — Data Link

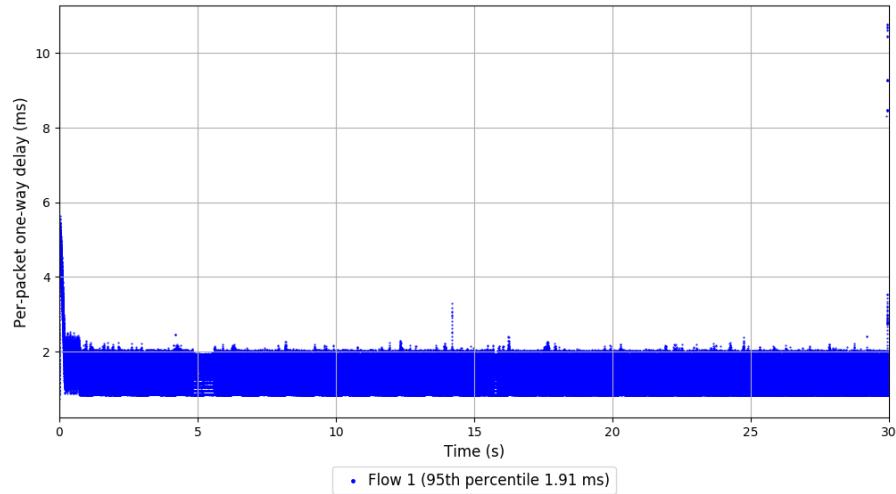
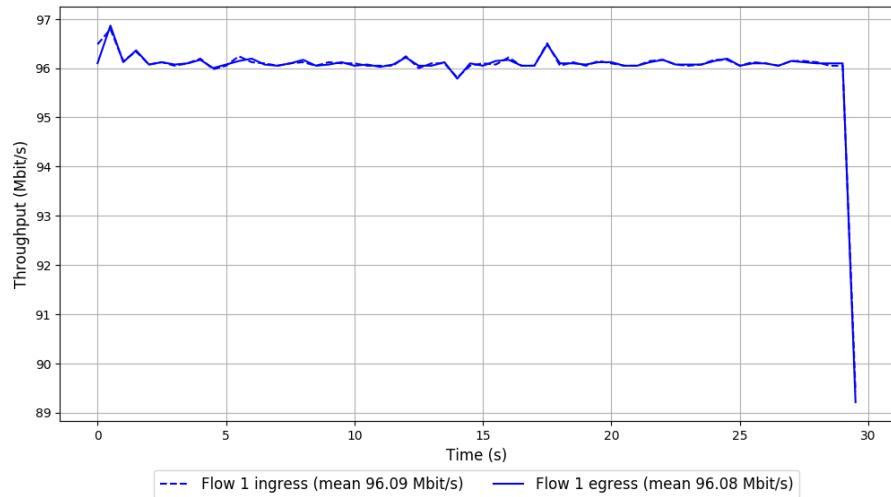


Run 7: Statistics of TCP Vegas

```
Start at: 2018-04-17 03:34:39
End at: 2018-04-17 03:35:10
Local clock offset: -5.725 ms
Remote clock offset: -6.906 ms

# Below is generated by plot.py at 2018-04-17 08:01:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 1.914 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 1.914 ms
Loss rate: 0.01%
```

Run 7: Report of TCP Vegas — Data Link

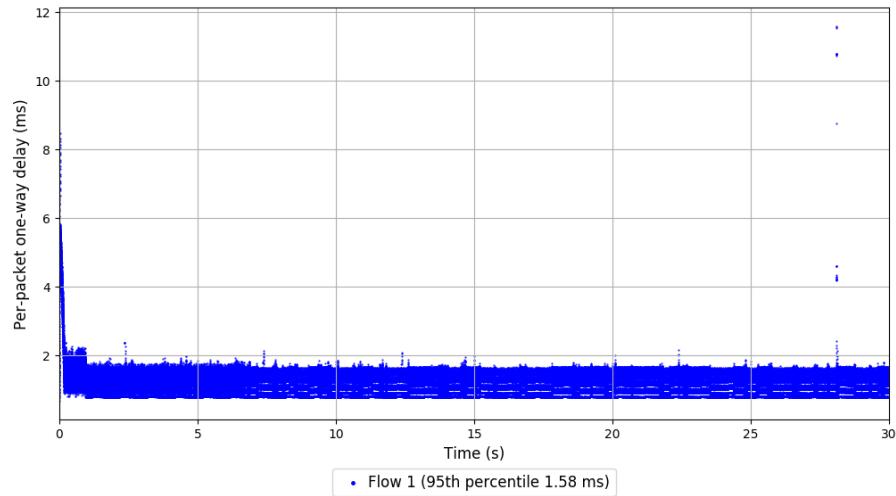
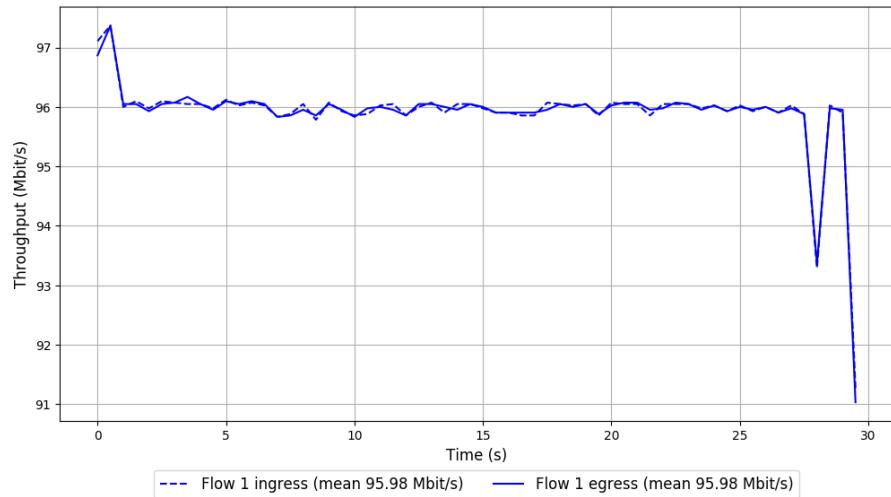


Run 8: Statistics of TCP Vegas

```
Start at: 2018-04-17 03:53:44
End at: 2018-04-17 03:54:14
Local clock offset: -5.832 ms
Remote clock offset: -7.116 ms

# Below is generated by plot.py at 2018-04-17 08:02:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 1.577 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 1.577 ms
Loss rate: 0.01%
```

Run 8: Report of TCP Vegas — Data Link

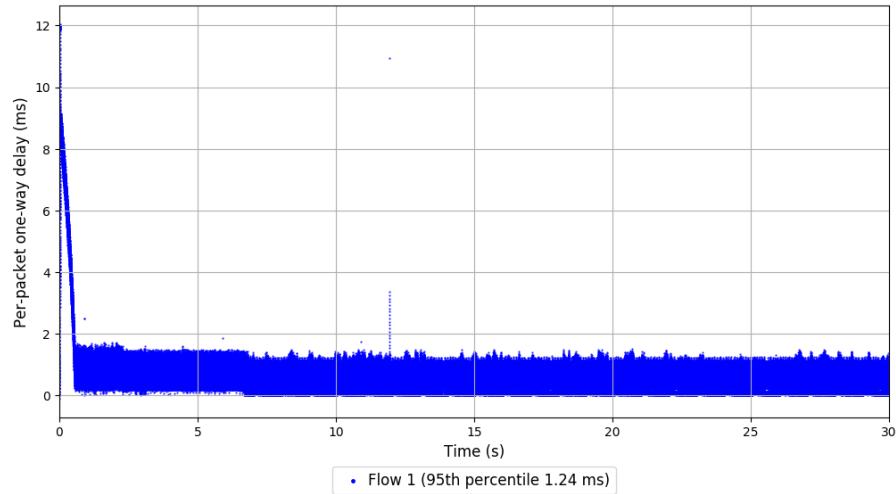
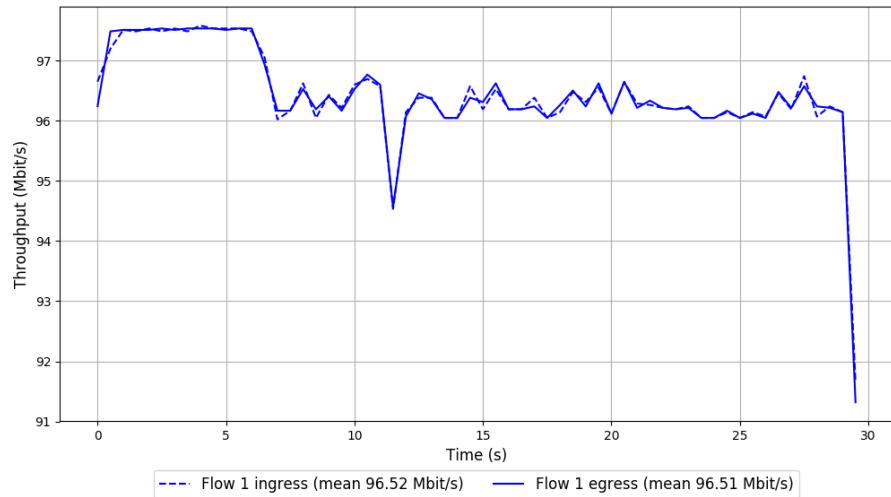


Run 9: Statistics of TCP Vegas

```
Start at: 2018-04-17 04:12:47
End at: 2018-04-17 04:13:17
Local clock offset: -6.614 ms
Remote clock offset: -7.032 ms

# Below is generated by plot.py at 2018-04-17 08:02:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

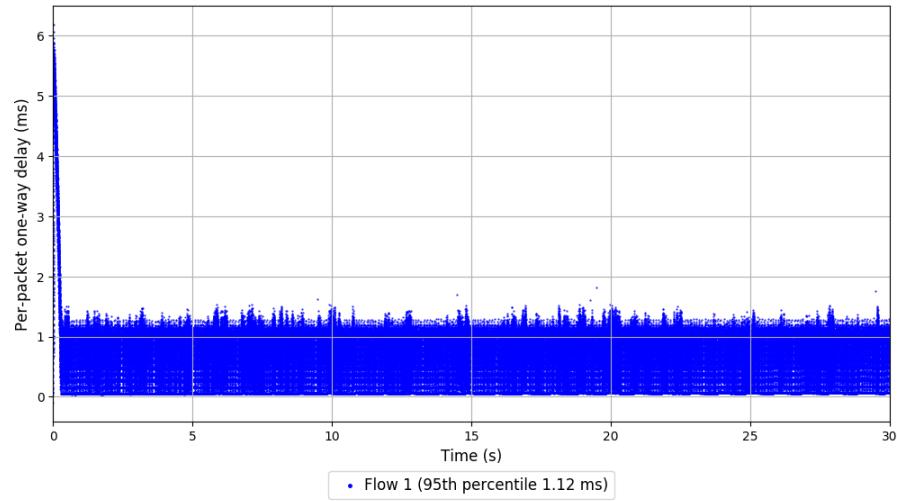
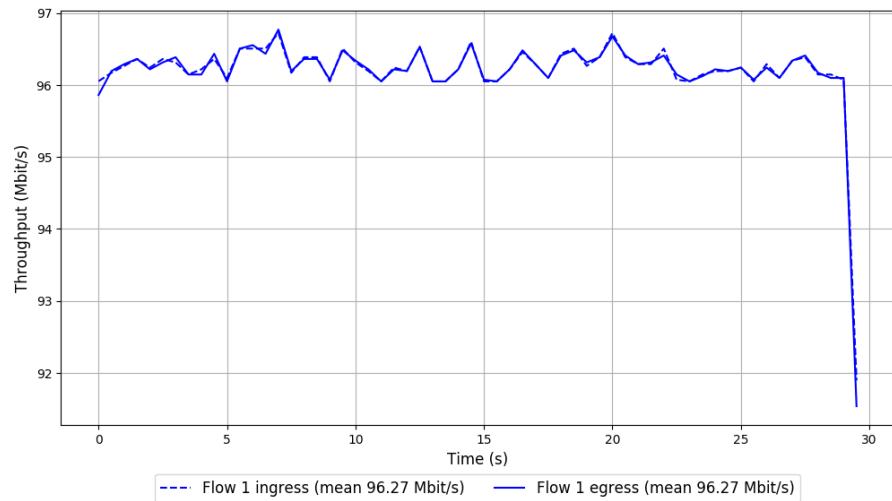


Run 10: Statistics of TCP Vegas

```
Start at: 2018-04-17 04:31:50
End at: 2018-04-17 04:32:20
Local clock offset: -6.629 ms
Remote clock offset: -6.982 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.01%
```

Run 10: Report of TCP Vegas — Data Link

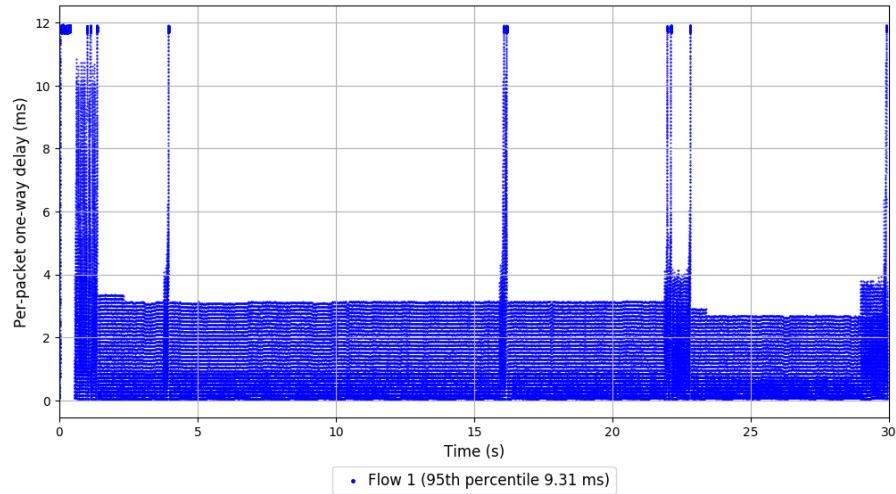
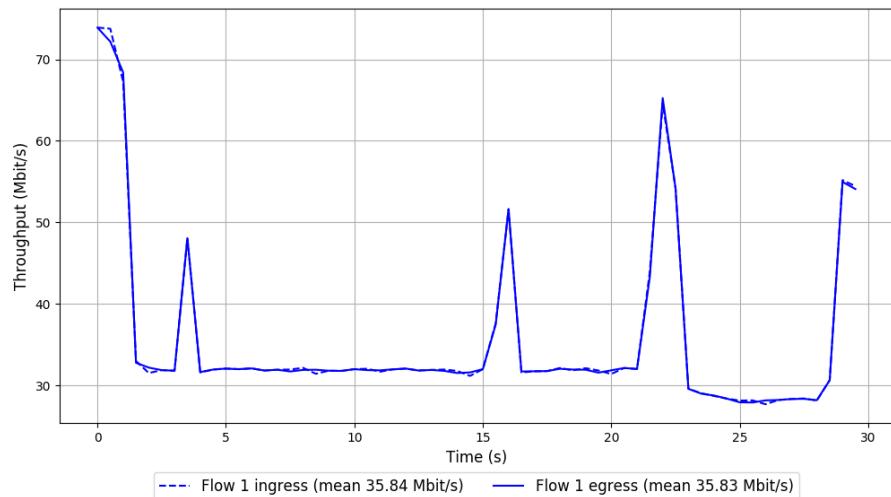


Run 1: Statistics of Verus

```
Start at: 2018-04-17 01:32:38
End at: 2018-04-17 01:33:08
Local clock offset: -6.388 ms
Remote clock offset: -6.564 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 9.312 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 9.312 ms
Loss rate: 0.03%
```

Run 1: Report of Verus — Data Link

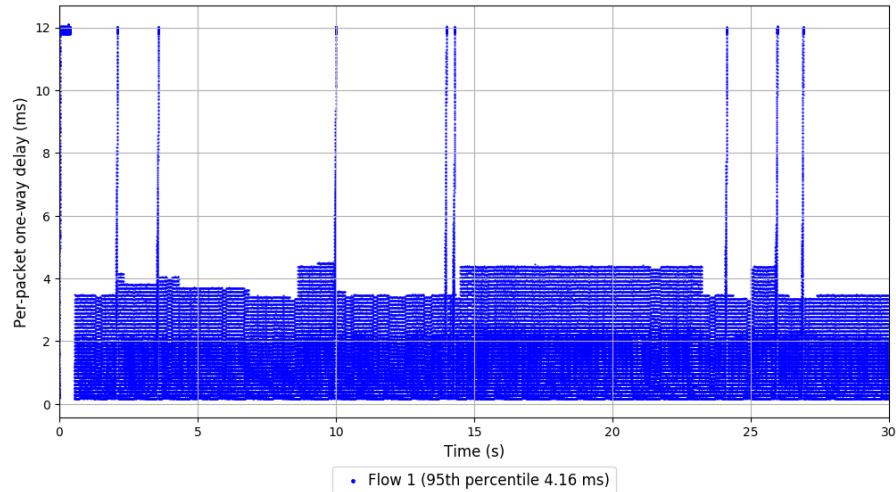
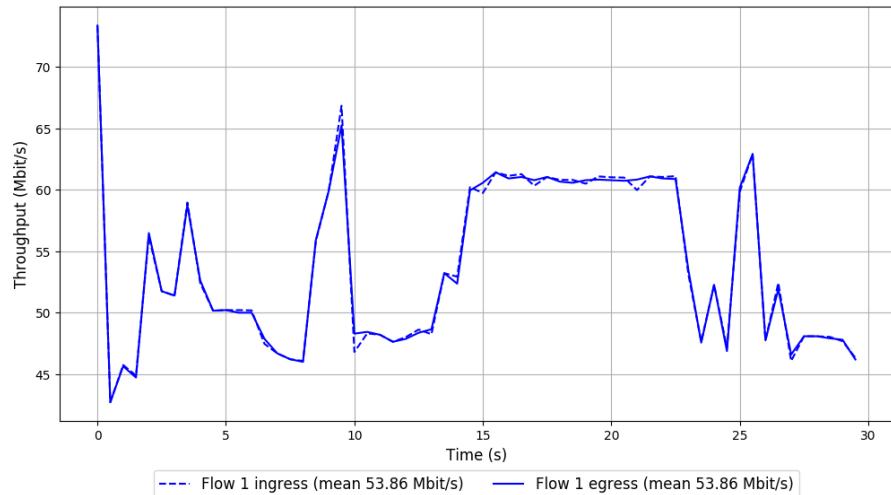


Run 2: Statistics of Verus

```
Start at: 2018-04-17 01:51:34
End at: 2018-04-17 01:52:04
Local clock offset: -6.412 ms
Remote clock offset: -6.903 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
```

Run 2: Report of Verus — Data Link

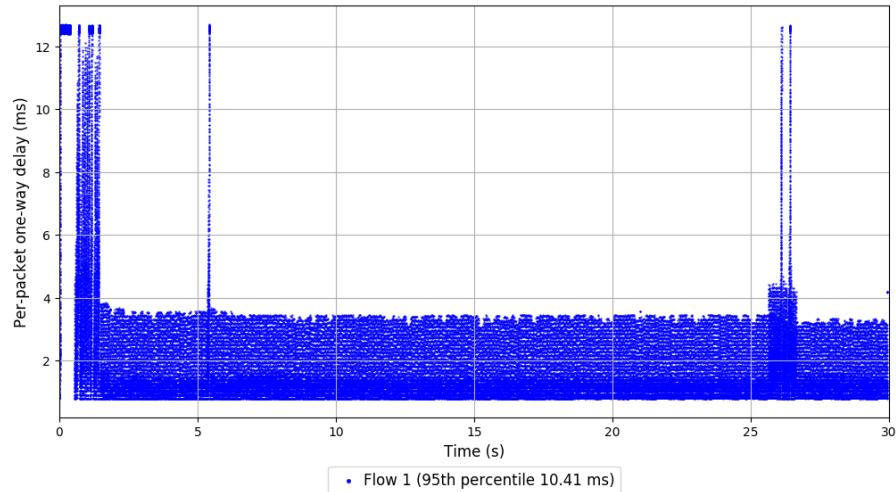
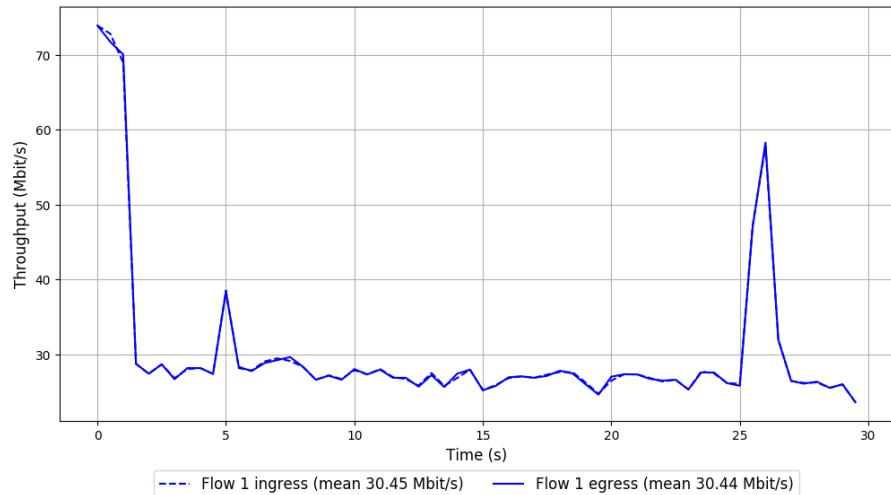


Run 3: Statistics of Verus

```
Start at: 2018-04-17 02:10:36
End at: 2018-04-17 02:11:06
Local clock offset: -5.94 ms
Remote clock offset: -6.912 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 10.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 10.408 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

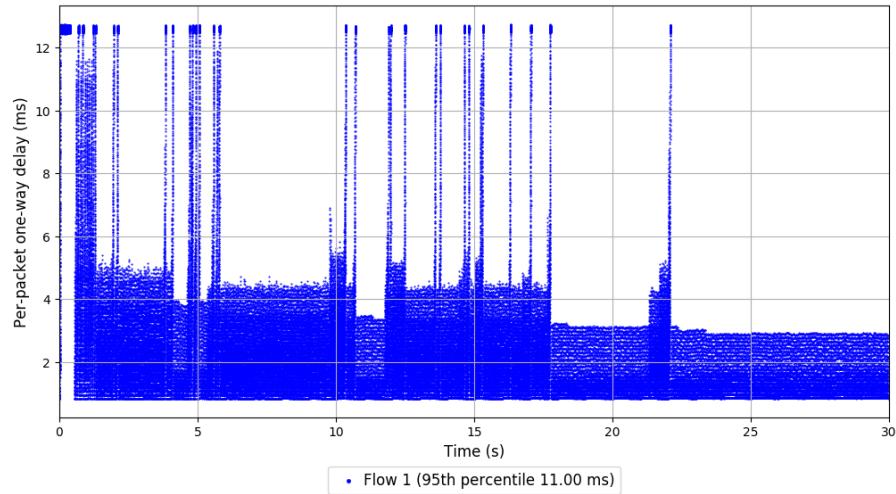
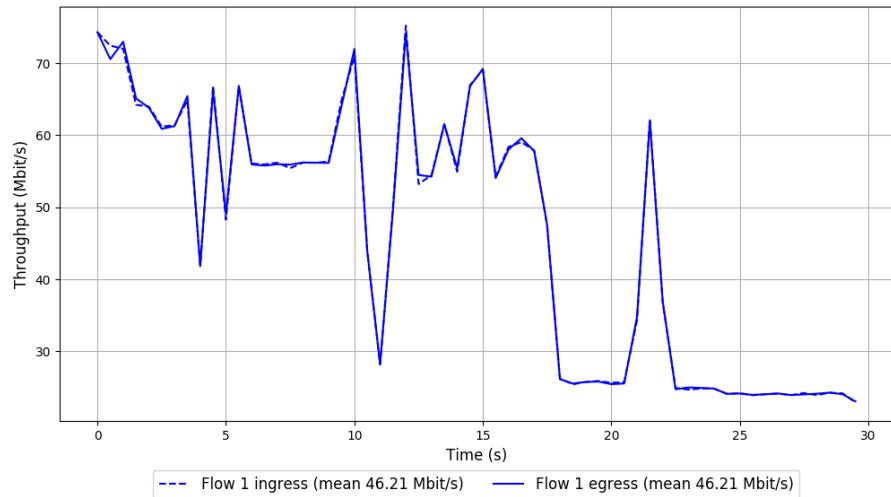


Run 4: Statistics of Verus

```
Start at: 2018-04-17 02:29:37
End at: 2018-04-17 02:30:07
Local clock offset: -6.045 ms
Remote clock offset: -6.401 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 11.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 11.003 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

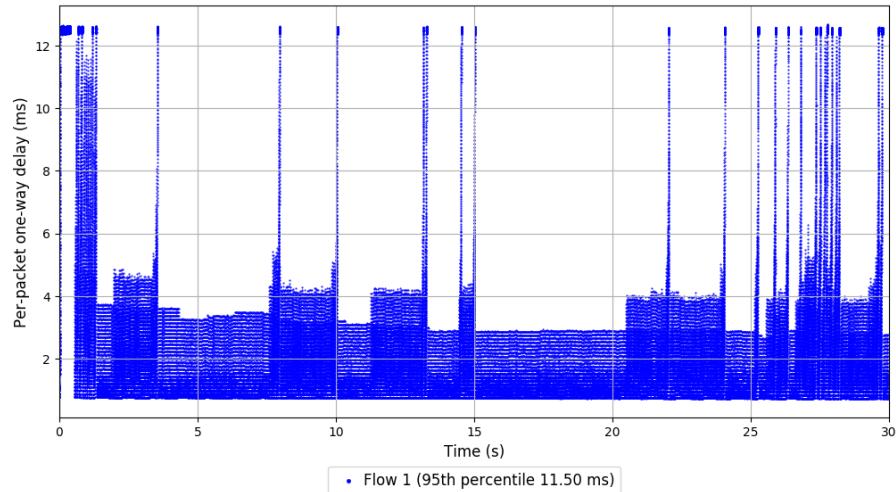
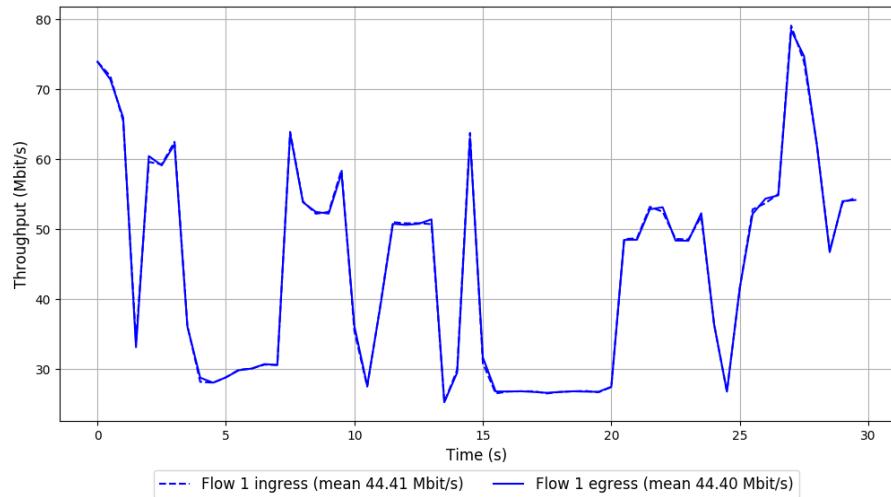


Run 5: Statistics of Verus

```
Start at: 2018-04-17 02:48:39
End at: 2018-04-17 02:49:09
Local clock offset: -5.712 ms
Remote clock offset: -6.143 ms

# Below is generated by plot.py at 2018-04-17 08:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 11.498 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 11.498 ms
Loss rate: 0.01%
```

Run 5: Report of Verus — Data Link

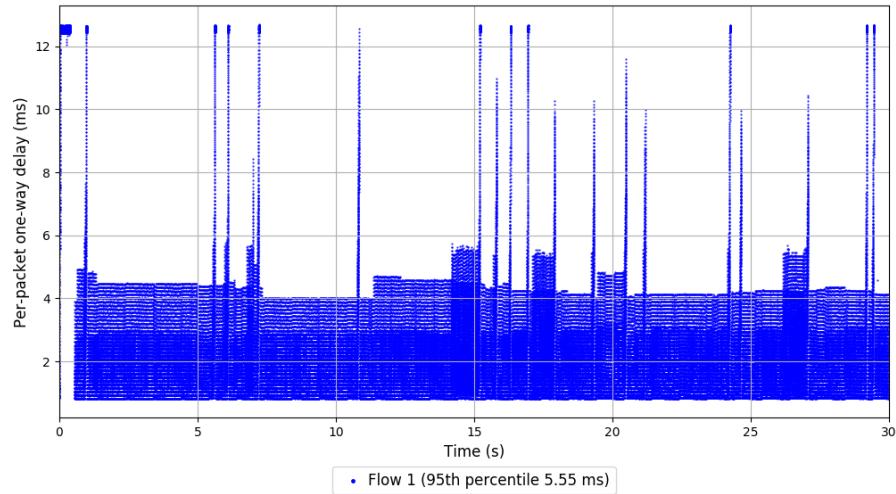
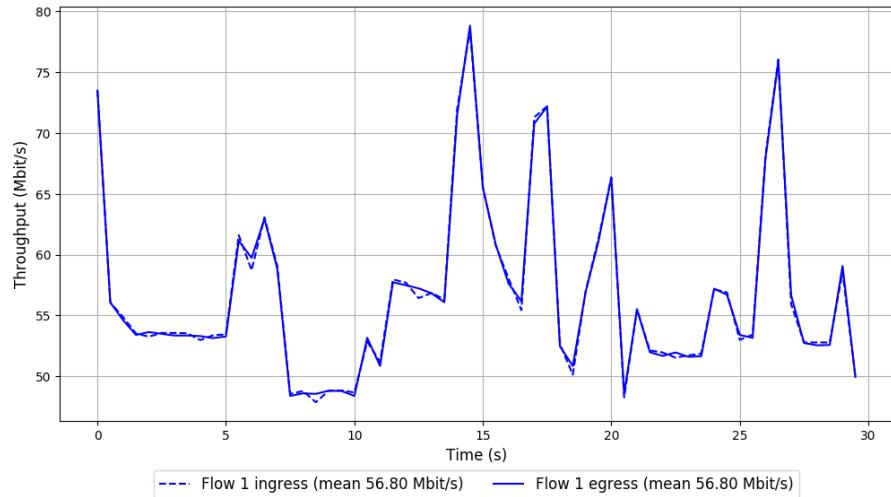


Run 6: Statistics of Verus

```
Start at: 2018-04-17 03:07:41
End at: 2018-04-17 03:08:11
Local clock offset: -5.588 ms
Remote clock offset: -6.544 ms

# Below is generated by plot.py at 2018-04-17 08:02:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 5.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 5.547 ms
Loss rate: 0.00%
```

Run 6: Report of Verus — Data Link

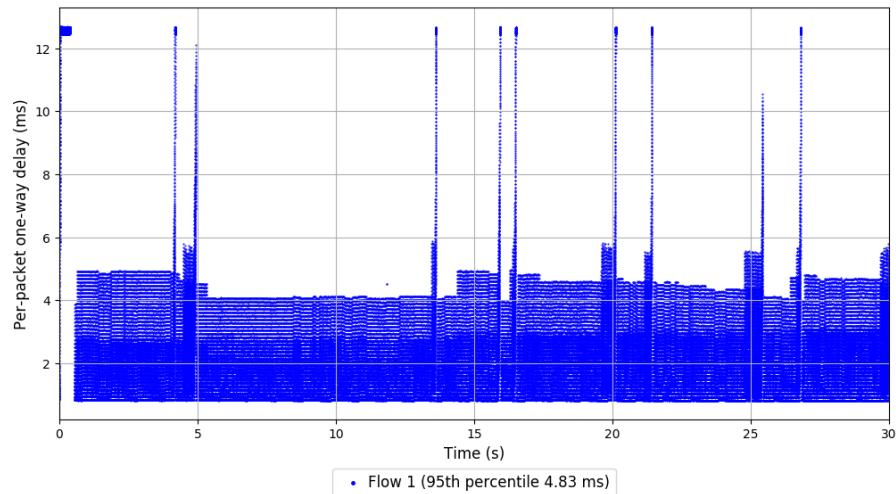
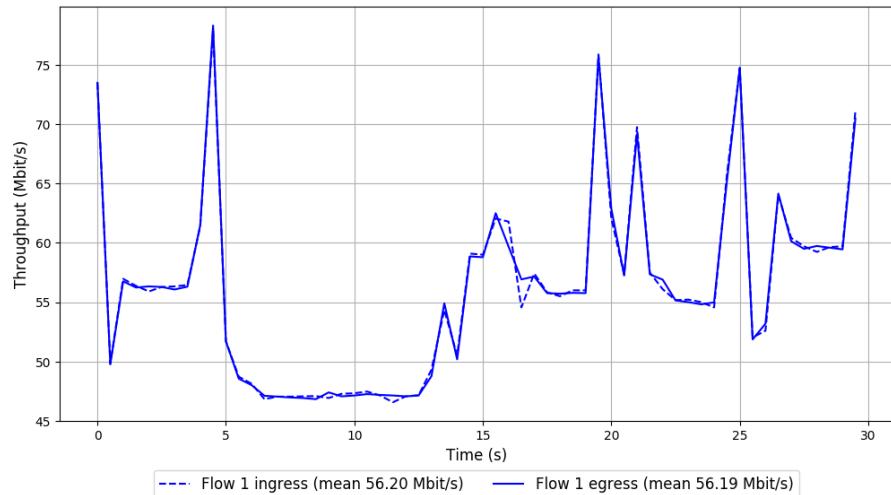


Run 7: Statistics of Verus

```
Start at: 2018-04-17 03:26:47
End at: 2018-04-17 03:27:17
Local clock offset: -5.731 ms
Remote clock offset: -6.708 ms

# Below is generated by plot.py at 2018-04-17 08:02:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 4.829 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 4.829 ms
Loss rate: 0.03%
```

Run 7: Report of Verus — Data Link

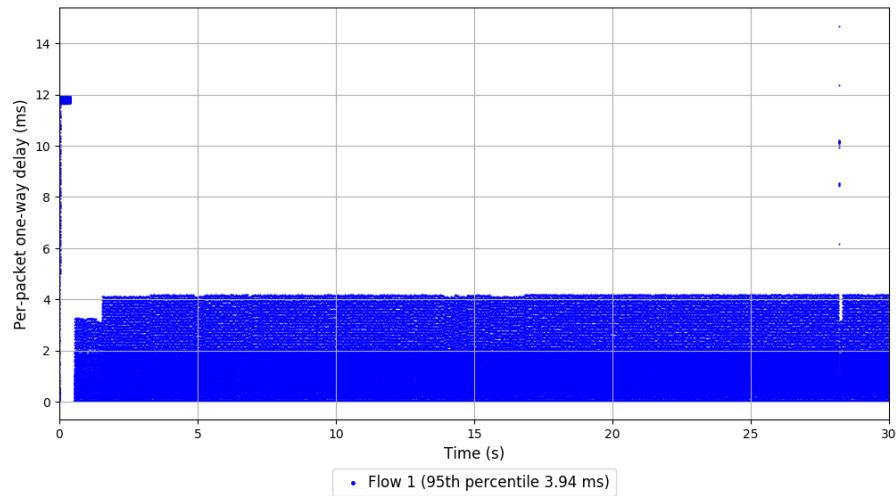
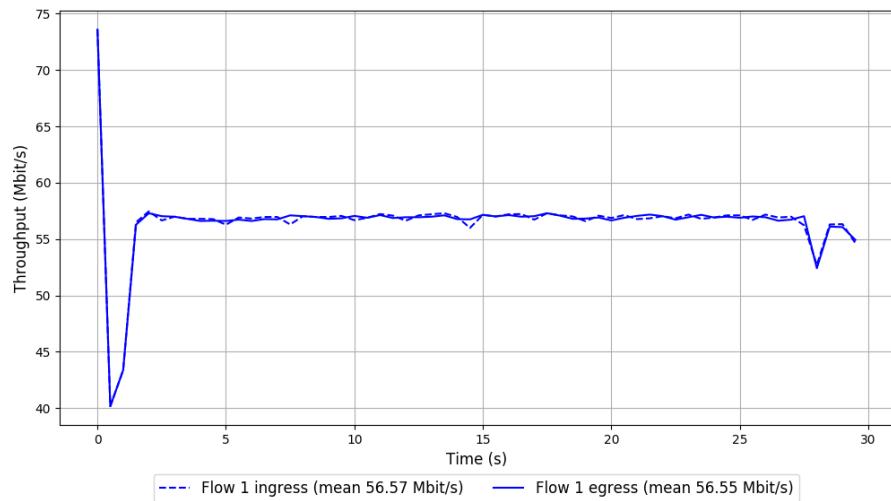


Run 8: Statistics of Verus

```
Start at: 2018-04-17 03:45:52
End at: 2018-04-17 03:46:22
Local clock offset: -6.546 ms
Remote clock offset: -7.046 ms

# Below is generated by plot.py at 2018-04-17 08:02:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 3.935 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 3.935 ms
Loss rate: 0.01%
```

Run 8: Report of Verus — Data Link

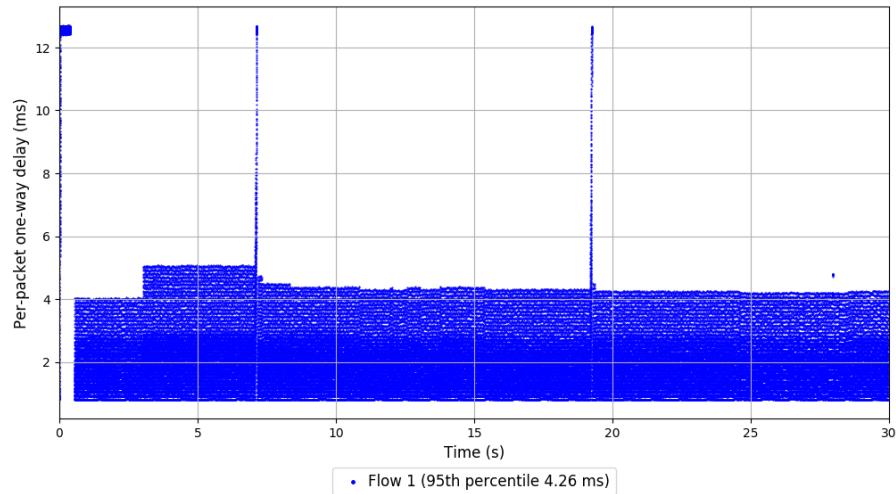
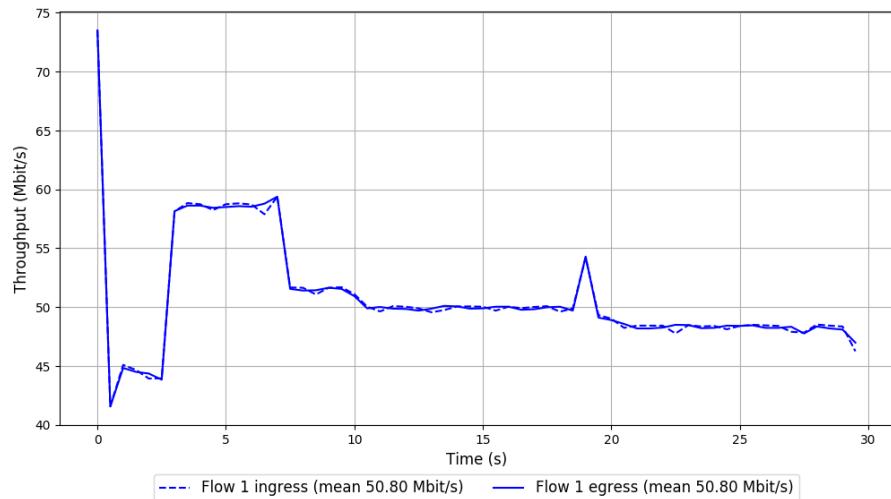


Run 9: Statistics of Verus

```
Start at: 2018-04-17 04:04:54
End at: 2018-04-17 04:05:24
Local clock offset: -5.843 ms
Remote clock offset: -7.092 ms

# Below is generated by plot.py at 2018-04-17 08:02:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.80 Mbit/s
95th percentile per-packet one-way delay: 4.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.80 Mbit/s
95th percentile per-packet one-way delay: 4.263 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

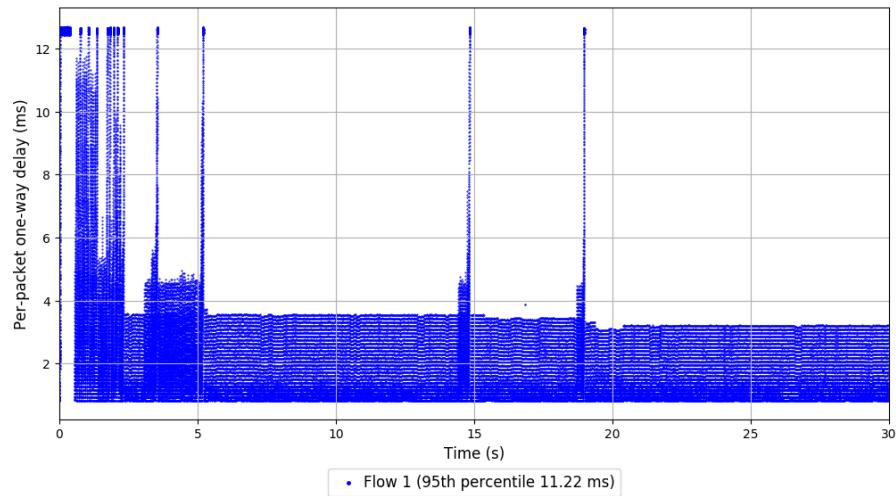
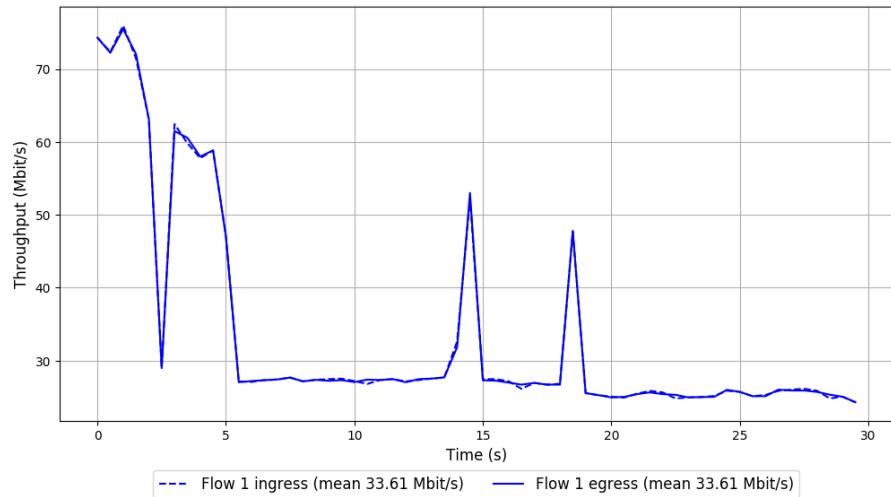


Run 10: Statistics of Verus

```
Start at: 2018-04-17 04:24:00
End at: 2018-04-17 04:24:30
Local clock offset: -5.839 ms
Remote clock offset: -7.024 ms

# Below is generated by plot.py at 2018-04-17 08:02:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 11.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 11.218 ms
Loss rate: 0.00%
```

Run 10: Report of Verus — Data Link

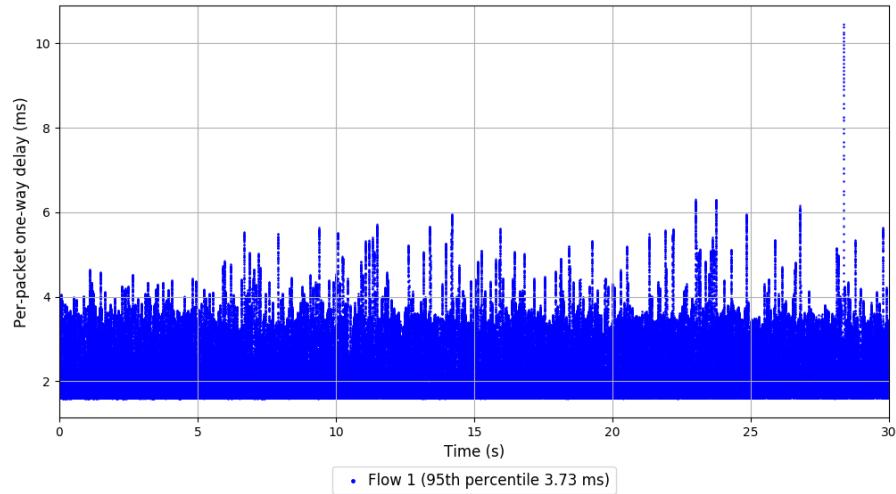
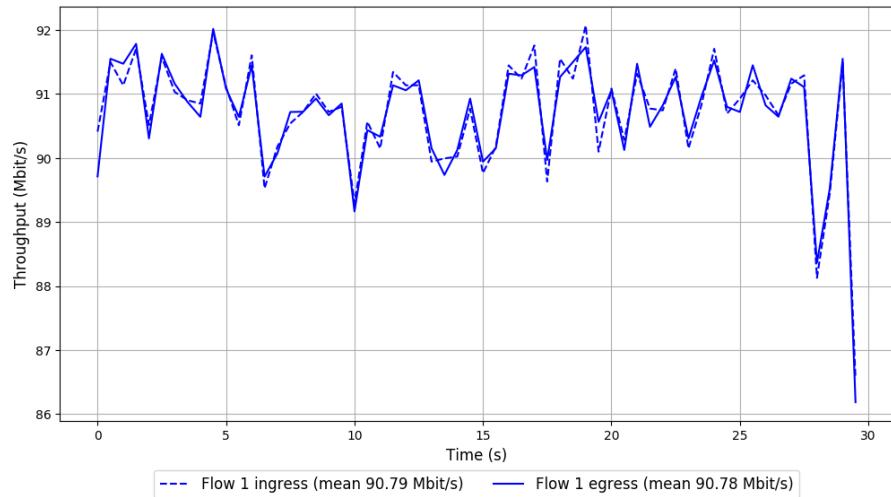


Run 1: Statistics of Copa

```
Start at: 2018-04-17 01:25:54
End at: 2018-04-17 01:26:24
Local clock offset: -4.754 ms
Remote clock offset: -6.595 ms

# Below is generated by plot.py at 2018-04-17 08:05:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 3.727 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 3.727 ms
Loss rate: 0.01%
```

Run 1: Report of Copa — Data Link

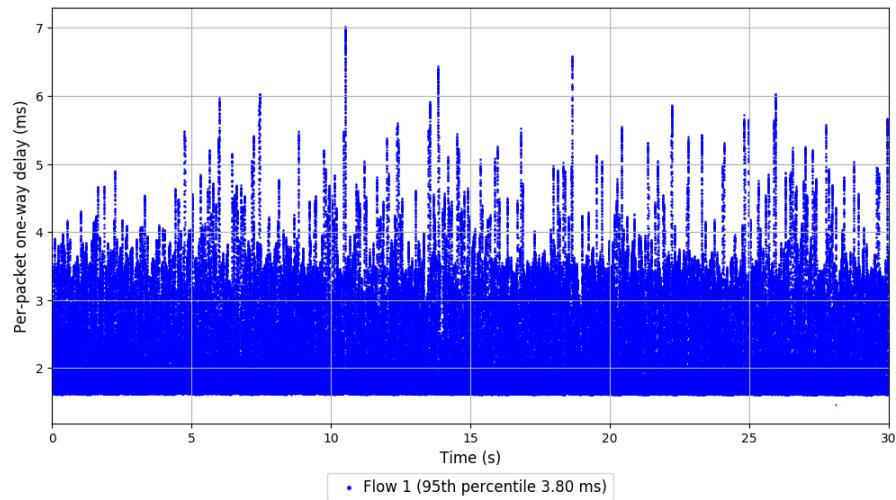
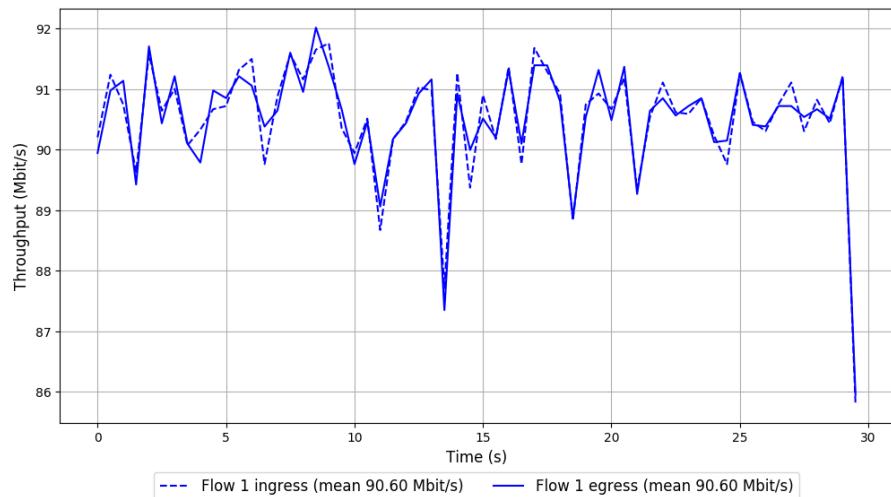


Run 2: Statistics of Copa

```
Start at: 2018-04-17 01:44:58
End at: 2018-04-17 01:45:28
Local clock offset: -4.911 ms
Remote clock offset: -6.771 ms

# Below is generated by plot.py at 2018-04-17 08:05:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.01%
```

Run 2: Report of Copa — Data Link

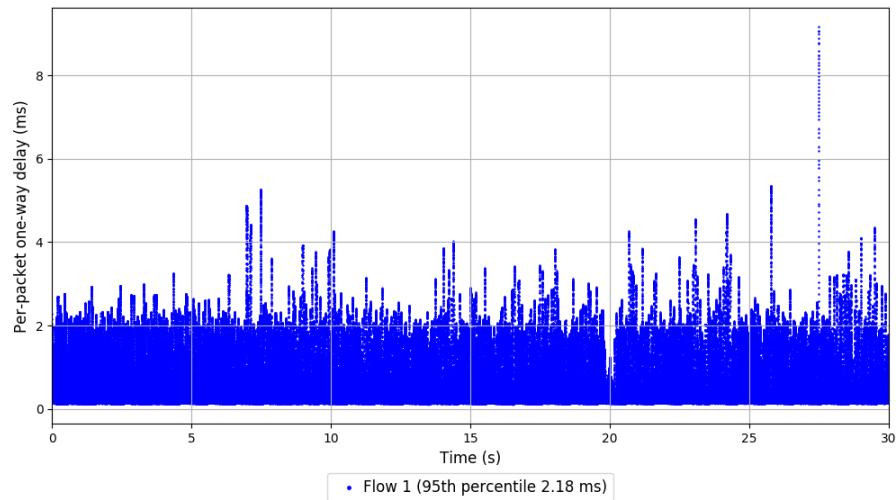
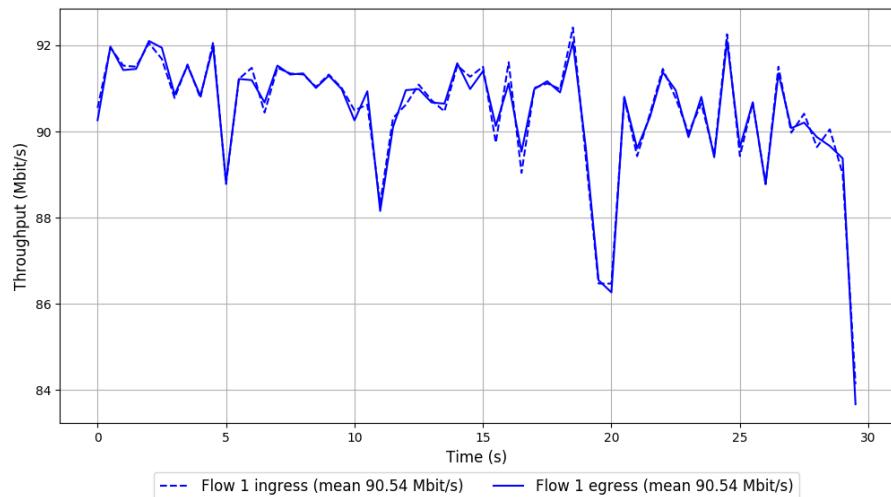


Run 3: Statistics of Copa

```
Start at: 2018-04-17 02:03:54
End at: 2018-04-17 02:04:24
Local clock offset: -6.518 ms
Remote clock offset: -6.912 ms

# Below is generated by plot.py at 2018-04-17 08:05:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 2.177 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 2.177 ms
Loss rate: 0.01%
```

Run 3: Report of Copa — Data Link

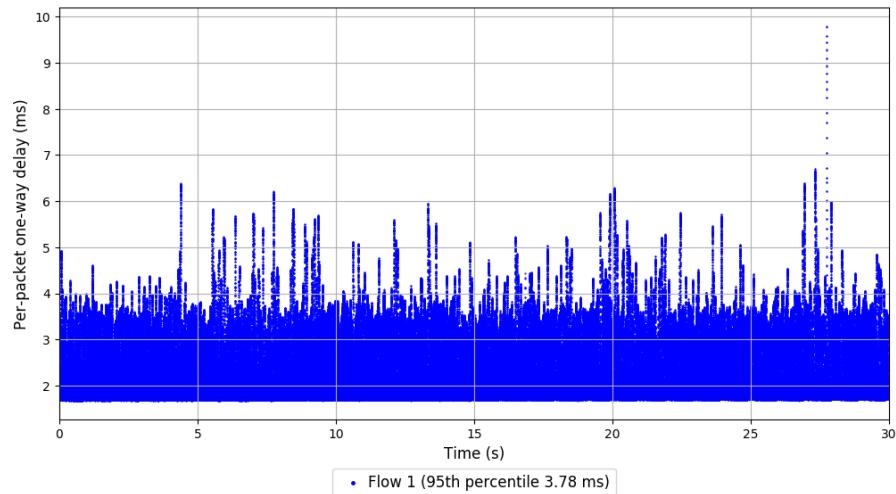
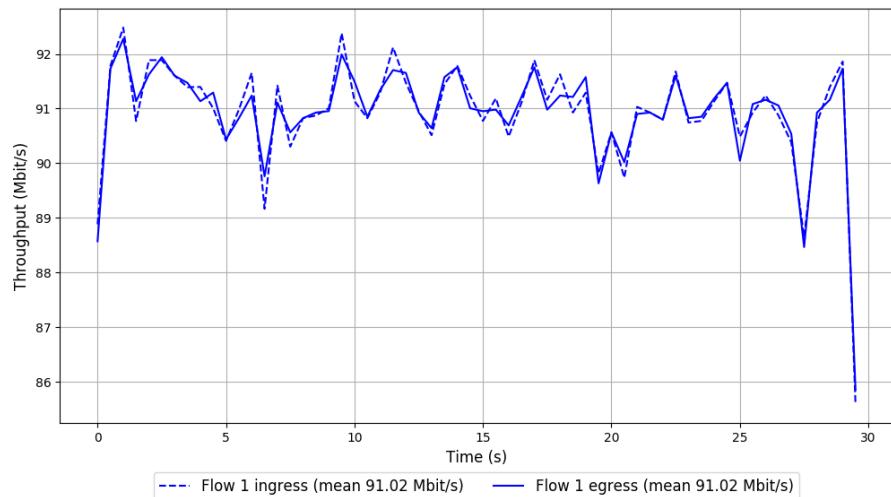


Run 4: Statistics of Copa

```
Start at: 2018-04-17 02:22:56
End at: 2018-04-17 02:23:26
Local clock offset: -5.214 ms
Remote clock offset: -6.606 ms

# Below is generated by plot.py at 2018-04-17 08:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 3.783 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 3.783 ms
Loss rate: 0.01%
```

Run 4: Report of Copa — Data Link

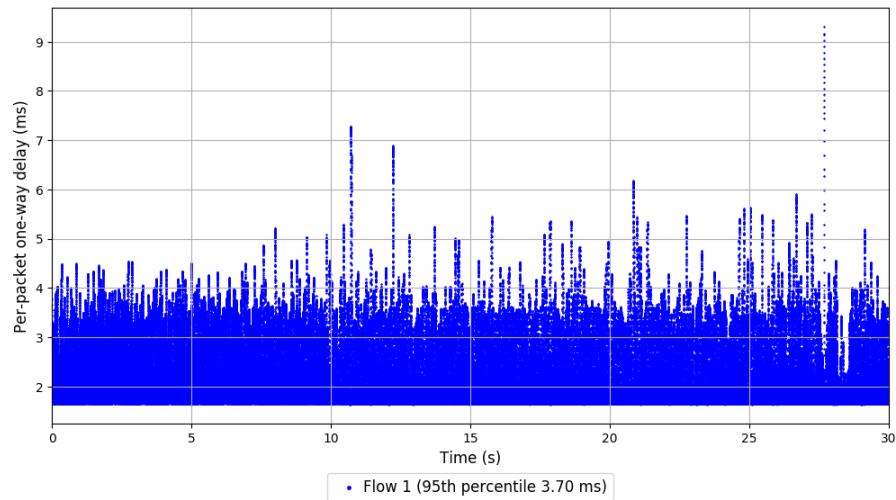
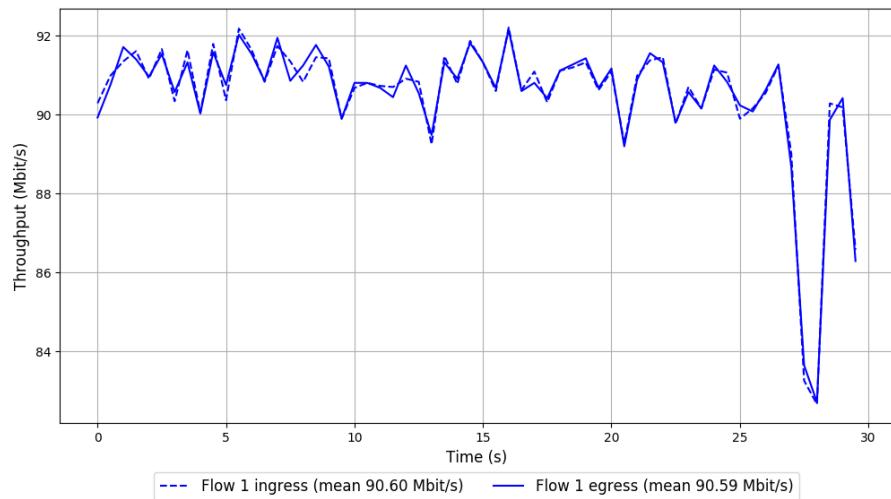


Run 5: Statistics of Copa

```
Start at: 2018-04-17 02:41:57
End at: 2018-04-17 02:42:27
Local clock offset: -4.991 ms
Remote clock offset: -6.22 ms

# Below is generated by plot.py at 2018-04-17 08:05:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

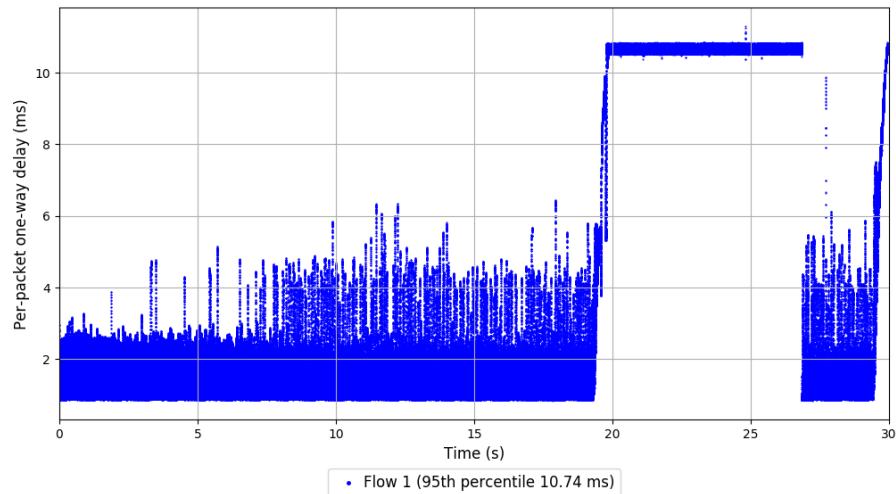
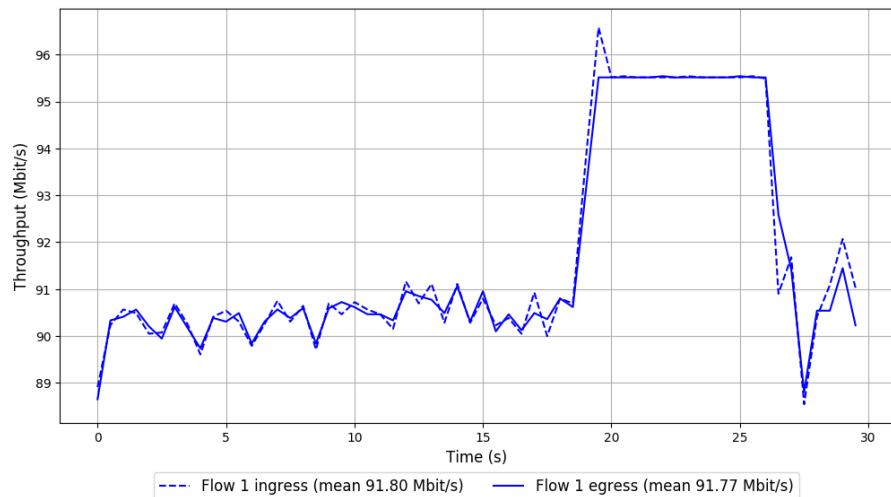


Run 6: Statistics of Copa

```
Start at: 2018-04-17 03:00:59
End at: 2018-04-17 03:01:29
Local clock offset: -5.549 ms
Remote clock offset: -6.542 ms

# Below is generated by plot.py at 2018-04-17 08:05:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 10.737 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 10.737 ms
Loss rate: 0.04%
```

Run 6: Report of Copa — Data Link

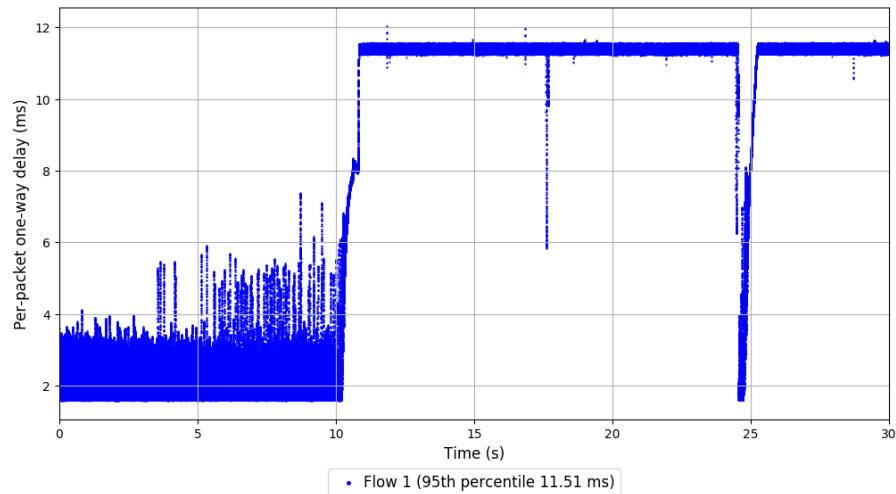
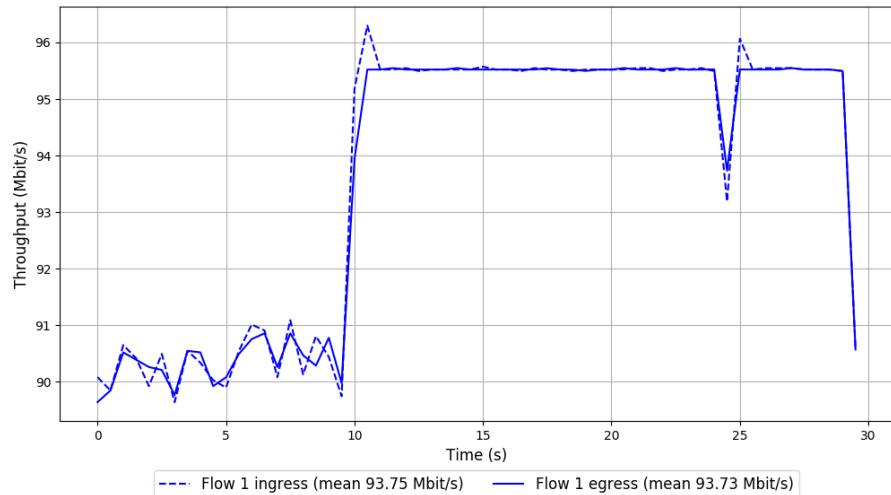


Run 7: Statistics of Copa

```
Start at: 2018-04-17 03:20:02
End at: 2018-04-17 03:20:32
Local clock offset: -4.943 ms
Remote clock offset: -6.5 ms

# Below is generated by plot.py at 2018-04-17 08:05:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 11.509 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 11.509 ms
Loss rate: 0.04%
```

Run 7: Report of Copa — Data Link

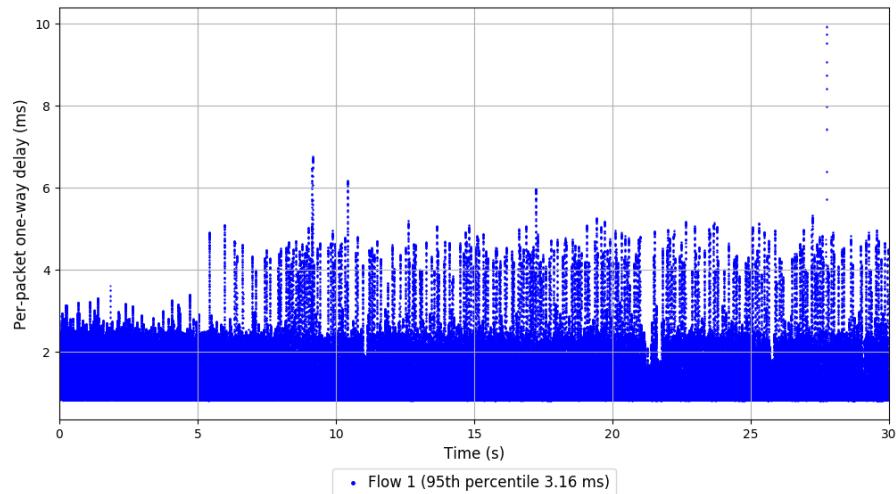
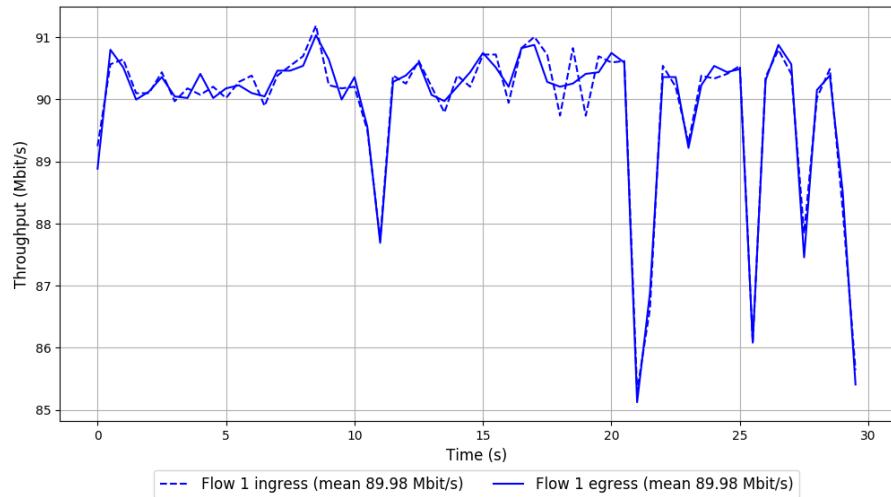


Run 8: Statistics of Copa

```
Start at: 2018-04-17 03:39:08
End at: 2018-04-17 03:39:38
Local clock offset: -5.74 ms
Remote clock offset: -6.968 ms

# Below is generated by plot.py at 2018-04-17 08:05:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 3.160 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 3.160 ms
Loss rate: 0.01%
```

Run 8: Report of Copa — Data Link

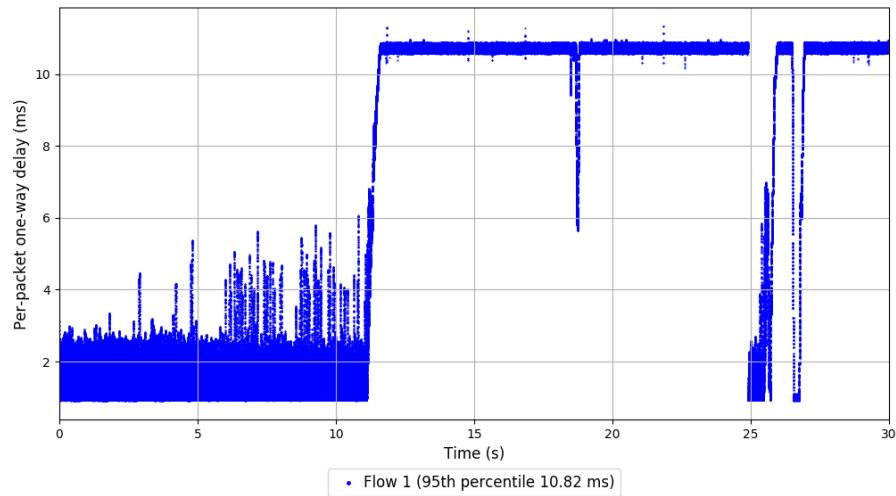
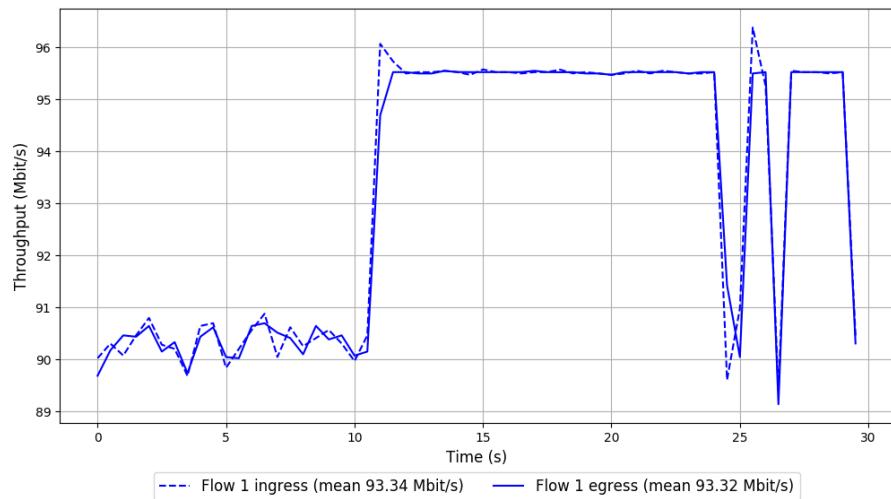


Run 9: Statistics of Copa

```
Start at: 2018-04-17 03:58:12
End at: 2018-04-17 03:58:42
Local clock offset: -5.741 ms
Remote clock offset: -7.172 ms

# Below is generated by plot.py at 2018-04-17 08:07:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 10.825 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 10.825 ms
Loss rate: 0.04%
```

Run 9: Report of Copa — Data Link

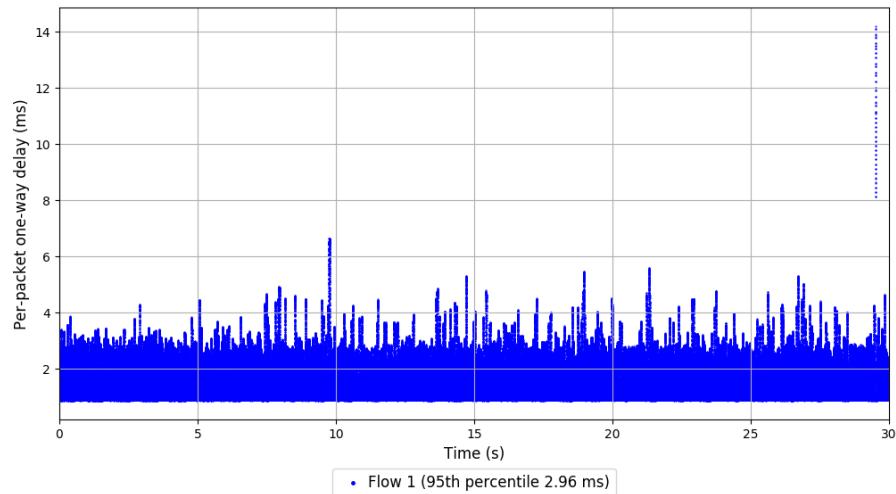
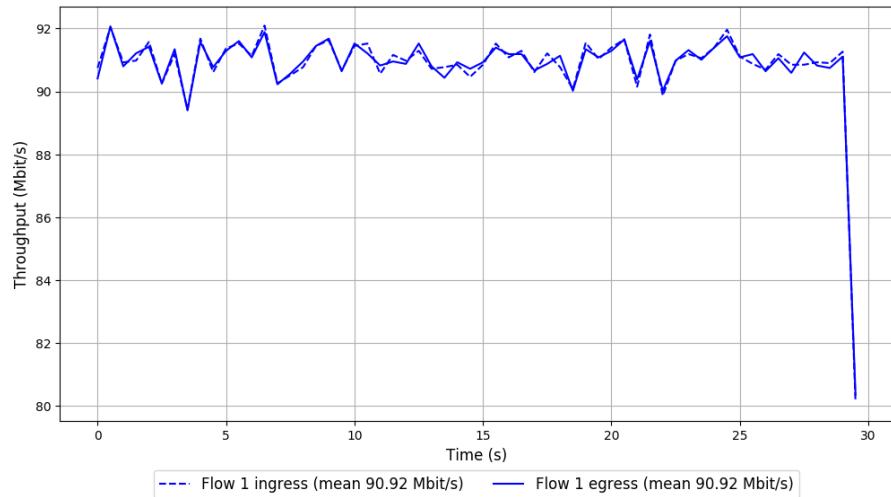


Run 10: Statistics of Copa

```
Start at: 2018-04-17 04:17:15
End at: 2018-04-17 04:17:45
Local clock offset: -5.768 ms
Remote clock offset: -7.019 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 2.964 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 2.964 ms
Loss rate: 0.01%
```

Run 10: Report of Copa — Data Link

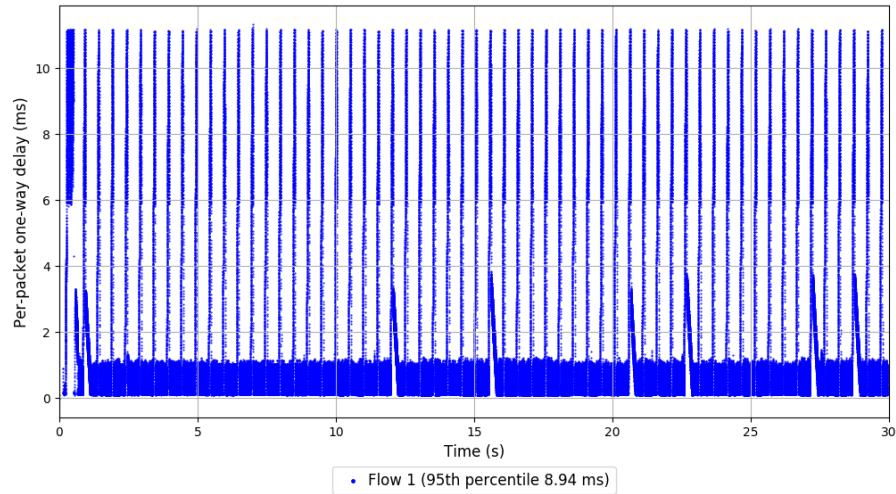
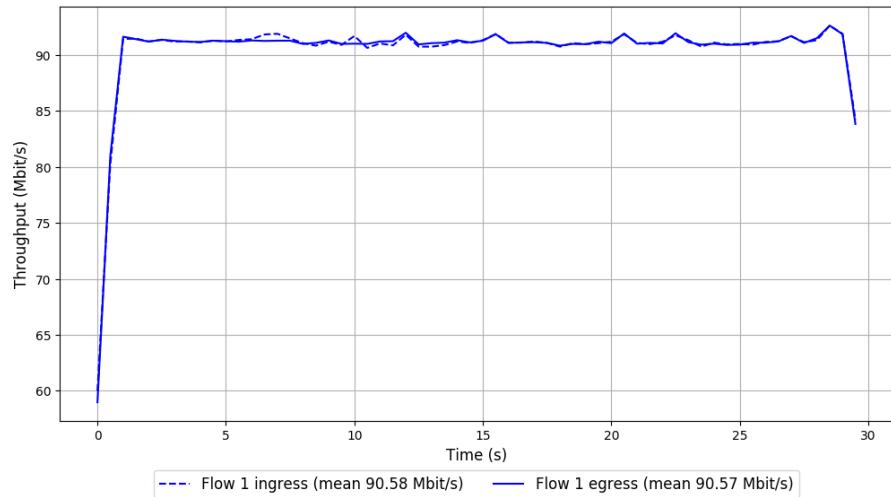


Run 1: Statistics of FillP

```
Start at: 2018-04-17 01:30:28
End at: 2018-04-17 01:30:58
Local clock offset: -6.326 ms
Remote clock offset: -6.565 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 8.937 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 8.937 ms
Loss rate: 0.01%
```

Run 1: Report of FillP — Data Link

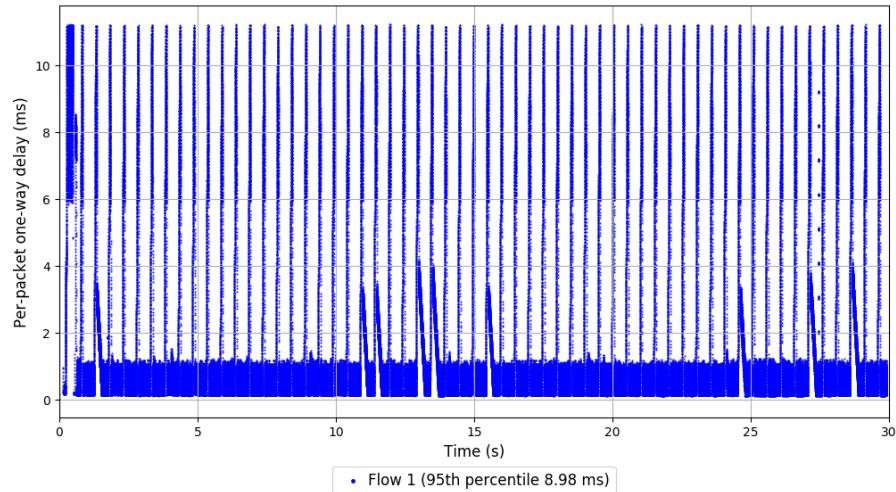
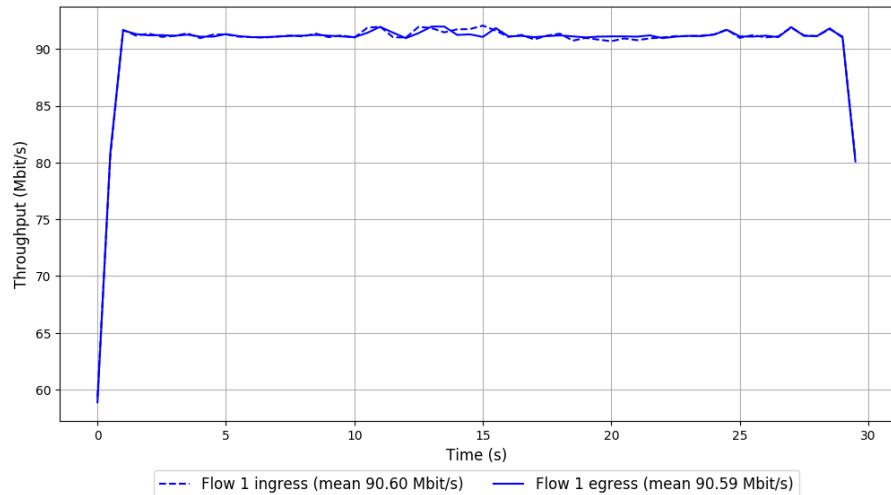


Run 2: Statistics of FillP

```
Start at: 2018-04-17 01:49:23
End at: 2018-04-17 01:49:53
Local clock offset: -6.392 ms
Remote clock offset: -6.809 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 8.985 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 8.985 ms
Loss rate: 0.01%
```

Run 2: Report of FillP — Data Link

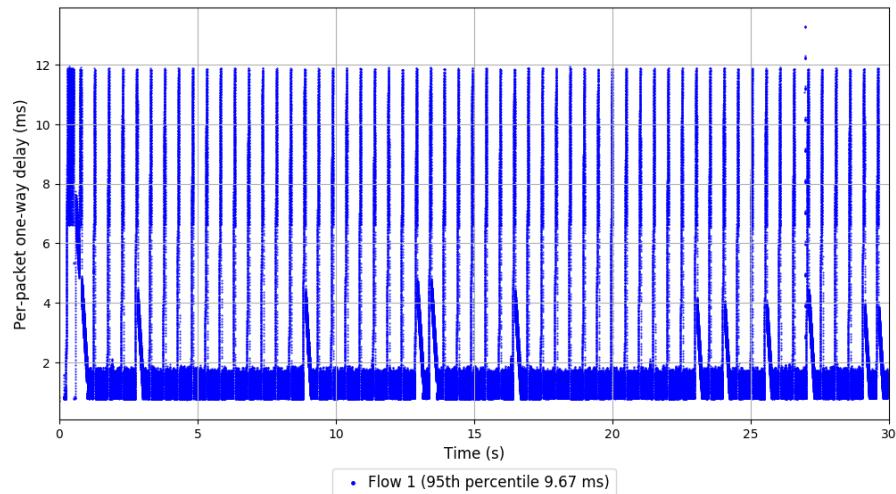
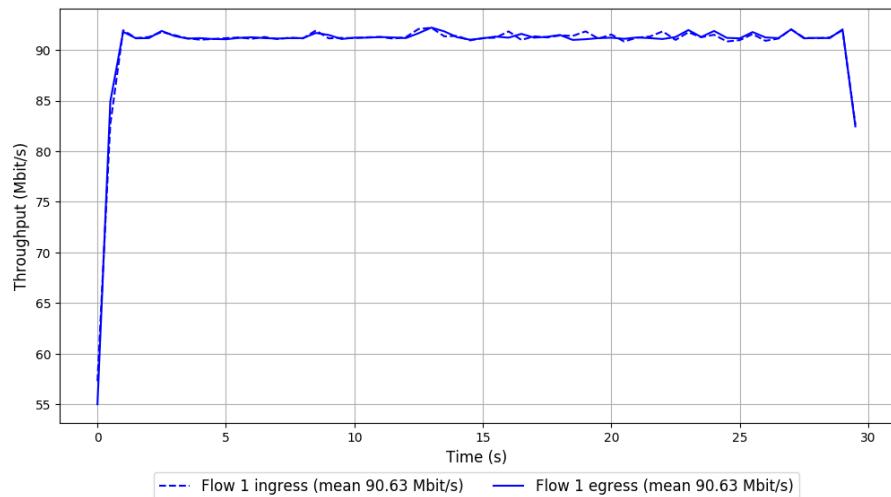


Run 3: Statistics of FillP

```
Start at: 2018-04-17 02:08:26
End at: 2018-04-17 02:08:56
Local clock offset: -5.936 ms
Remote clock offset: -6.922 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 9.671 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 9.671 ms
Loss rate: 0.01%
```

Run 3: Report of FillP — Data Link

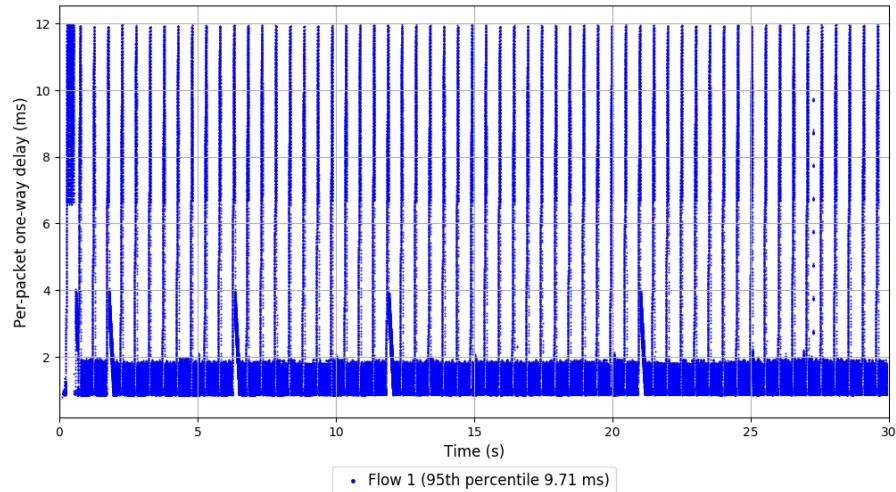
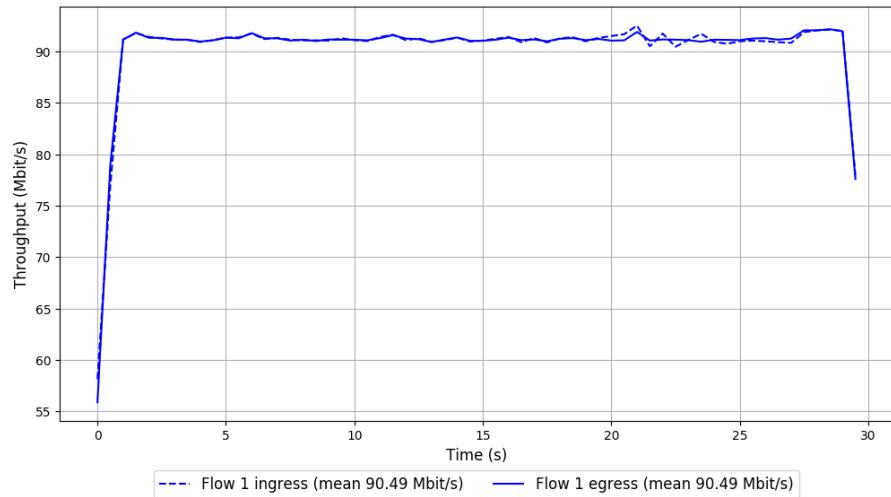


Run 4: Statistics of FillP

```
Start at: 2018-04-17 02:27:27
End at: 2018-04-17 02:27:57
Local clock offset: -6.001 ms
Remote clock offset: -6.426 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 9.707 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 9.707 ms
Loss rate: 0.01%
```

Run 4: Report of FillP — Data Link

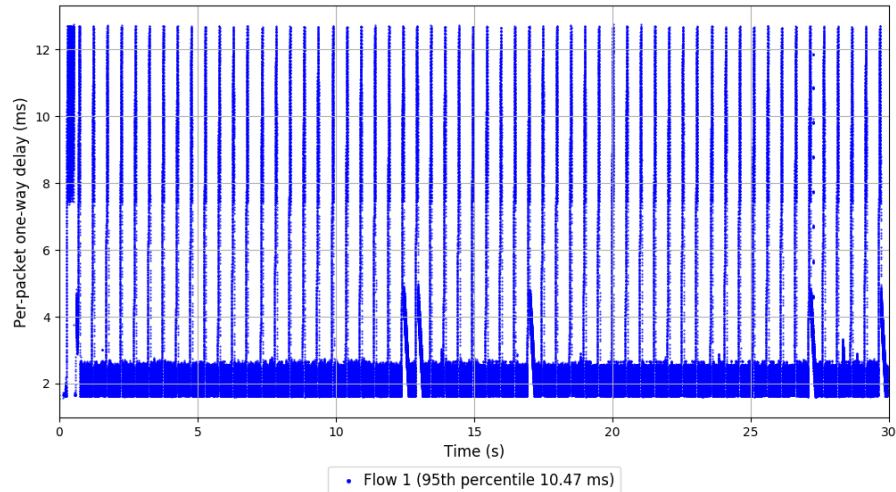
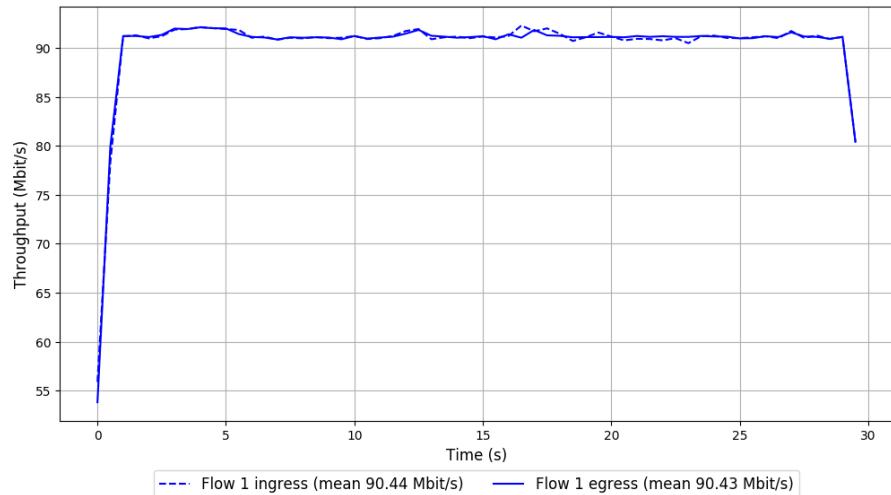


Run 5: Statistics of FillP

```
Start at: 2018-04-17 02:46:29
End at: 2018-04-17 02:46:59
Local clock offset: -4.921 ms
Remote clock offset: -6.125 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 10.470 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 10.470 ms
Loss rate: 0.01%
```

Run 5: Report of FillP — Data Link

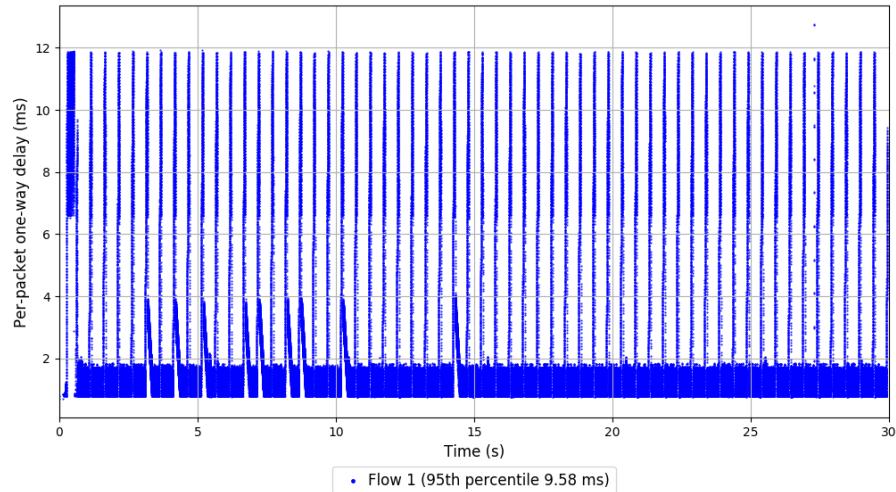
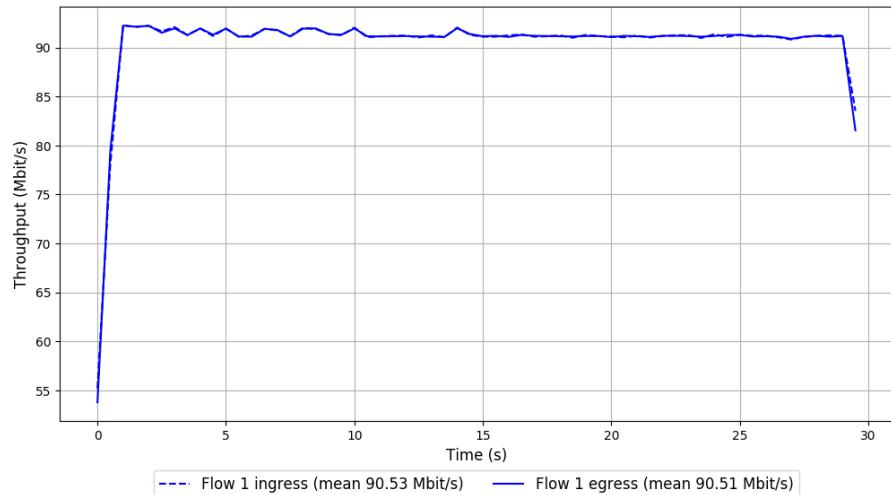


Run 6: Statistics of FillP

```
Start at: 2018-04-17 03:05:31
End at: 2018-04-17 03:06:01
Local clock offset: -5.644 ms
Remote clock offset: -6.579 ms

# Below is generated by plot.py at 2018-04-17 08:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 9.581 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 9.581 ms
Loss rate: 0.04%
```

Run 6: Report of FillP — Data Link

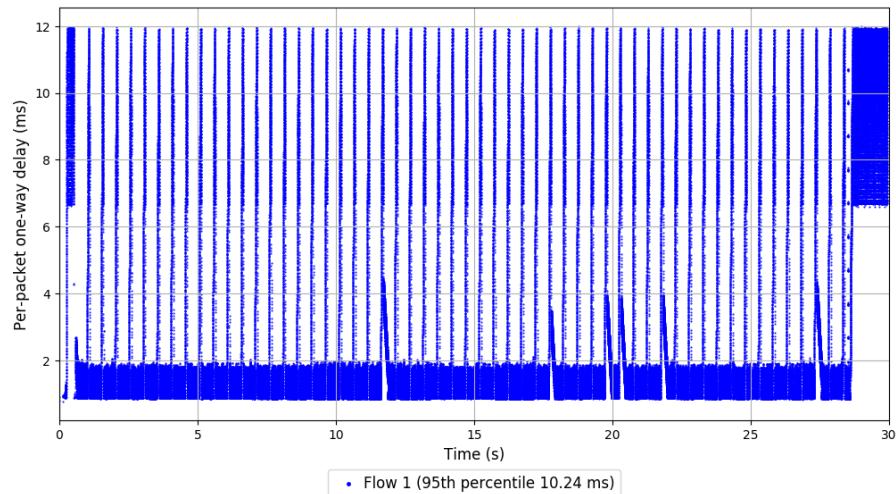
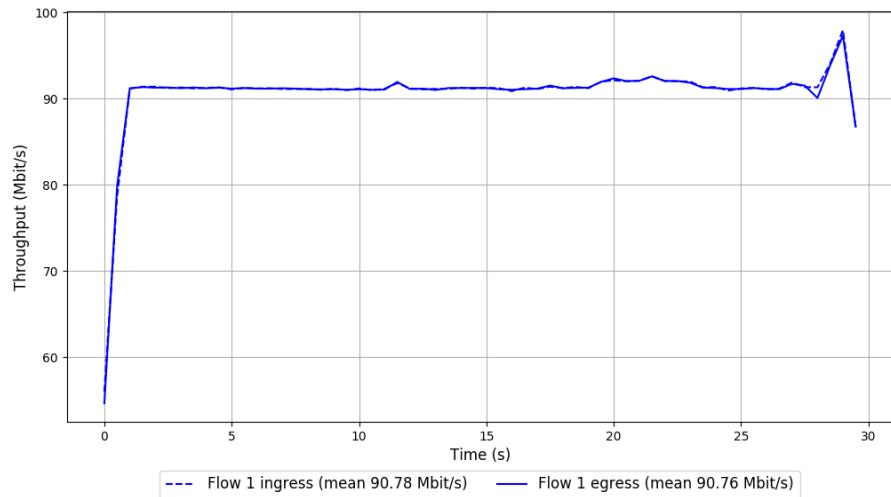


Run 7: Statistics of FillP

```
Start at: 2018-04-17 03:24:37
End at: 2018-04-17 03:25:07
Local clock offset: -5.764 ms
Remote clock offset: -6.685 ms

# Below is generated by plot.py at 2018-04-17 08:08:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 10.237 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 10.237 ms
Loss rate: 0.04%
```

Run 7: Report of FillP — Data Link

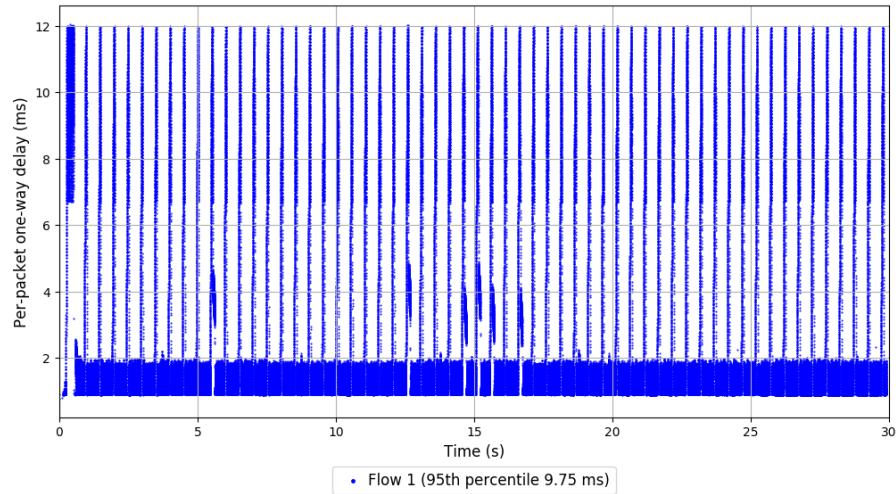
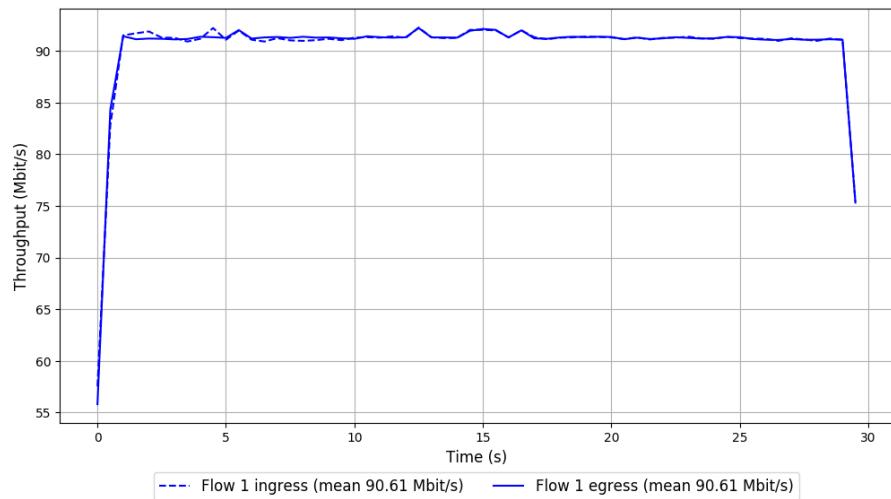


Run 8: Statistics of FillP

```
Start at: 2018-04-17 03:43:42
End at: 2018-04-17 03:44:12
Local clock offset: -5.756 ms
Remote clock offset: -7.092 ms

# Below is generated by plot.py at 2018-04-17 08:08:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 9.746 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 9.746 ms
Loss rate: 0.01%
```

Run 8: Report of FillP — Data Link

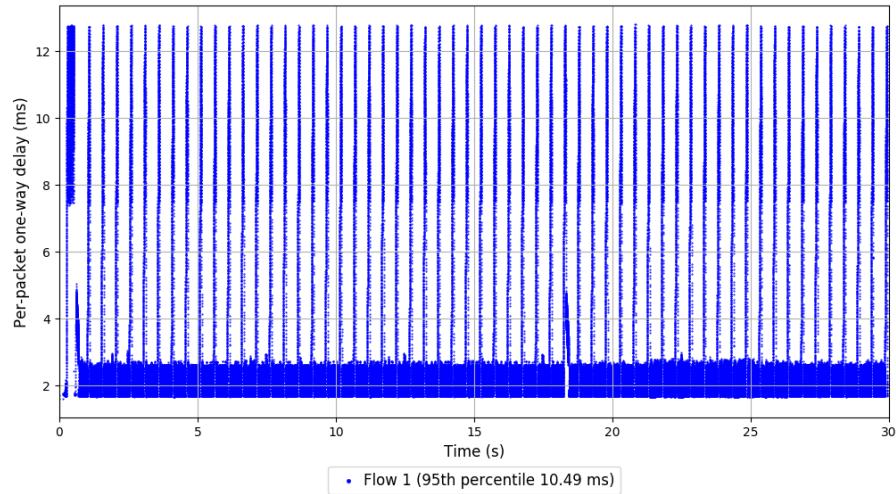
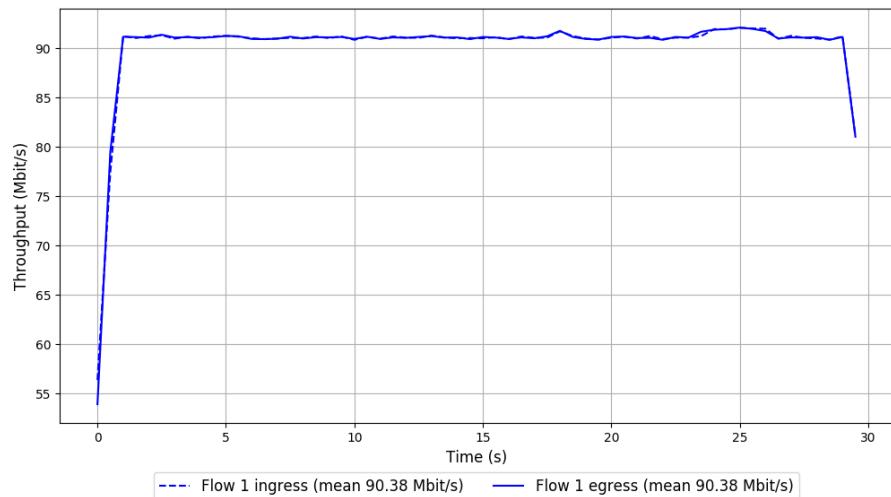


Run 9: Statistics of FillP

```
Start at: 2018-04-17 04:02:44
End at: 2018-04-17 04:03:14
Local clock offset: -5.033 ms
Remote clock offset: -7.156 ms

# Below is generated by plot.py at 2018-04-17 08:08:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 10.489 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 10.489 ms
Loss rate: 0.01%
```

Run 9: Report of FillP — Data Link

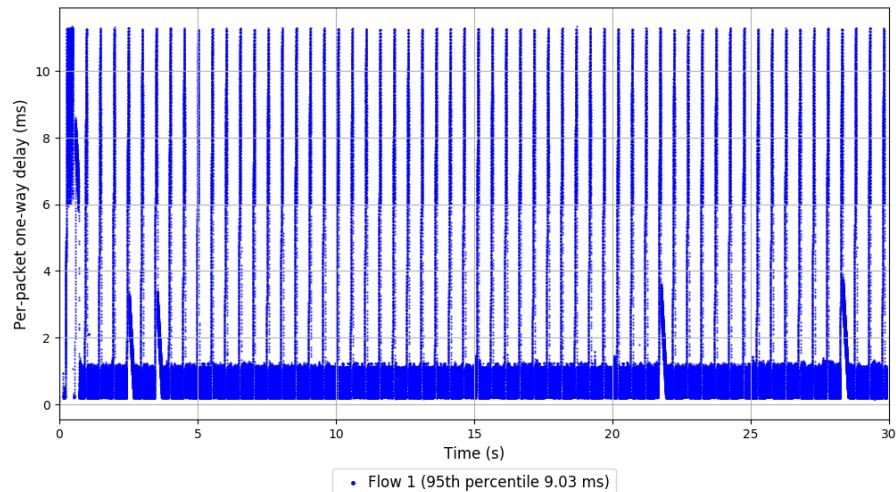
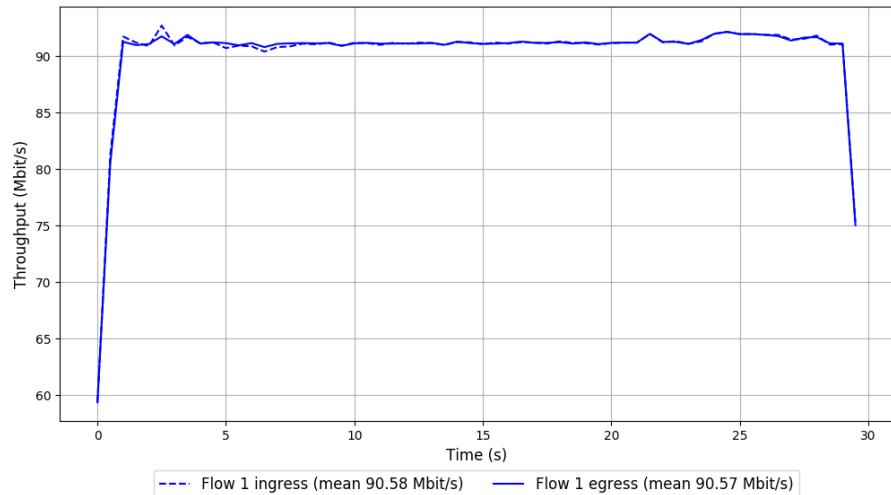


Run 10: Statistics of FillP

```
Start at: 2018-04-17 04:21:49
End at: 2018-04-17 04:22:19
Local clock offset: -6.543 ms
Remote clock offset: -7.094 ms

# Below is generated by plot.py at 2018-04-17 08:08:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 9.034 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 9.034 ms
Loss rate: 0.01%
```

Run 10: Report of FillP — Data Link

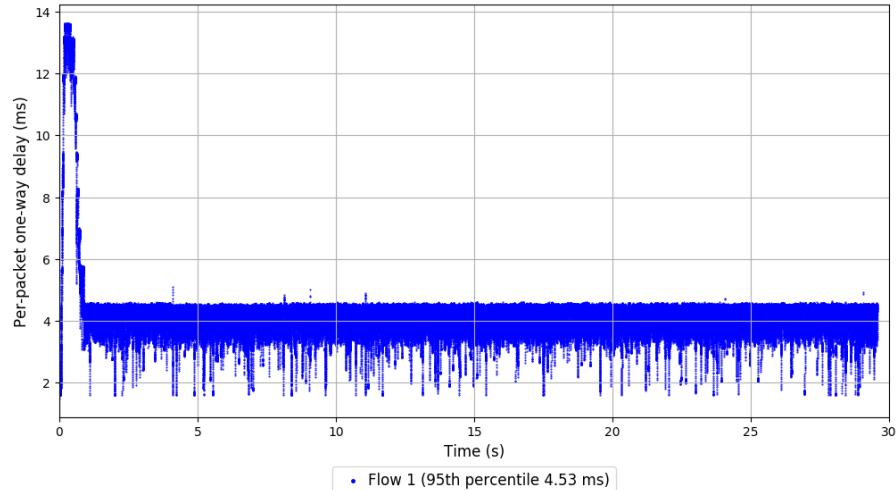
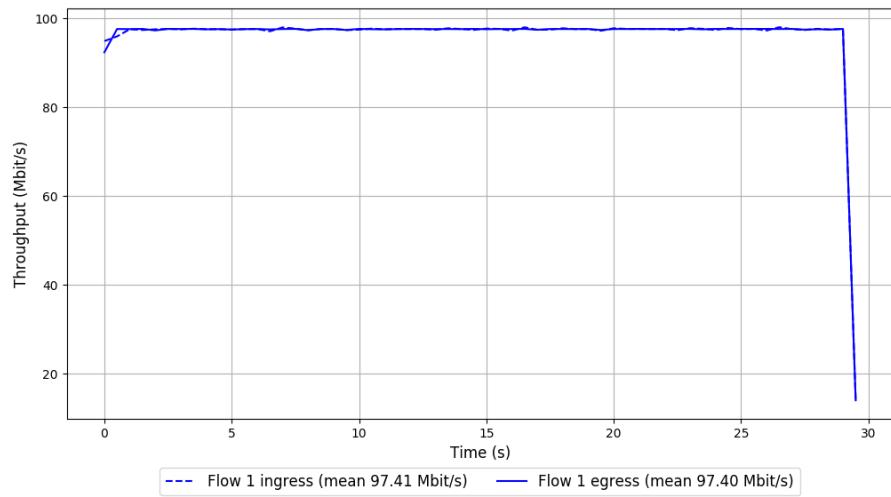


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-04-17 01:35:56
End at: 2018-04-17 01:36:26
Local clock offset: -4.866 ms
Remote clock offset: -6.526 ms

# Below is generated by plot.py at 2018-04-17 08:08:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 4.526 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 4.526 ms
Loss rate: 0.01%
```

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

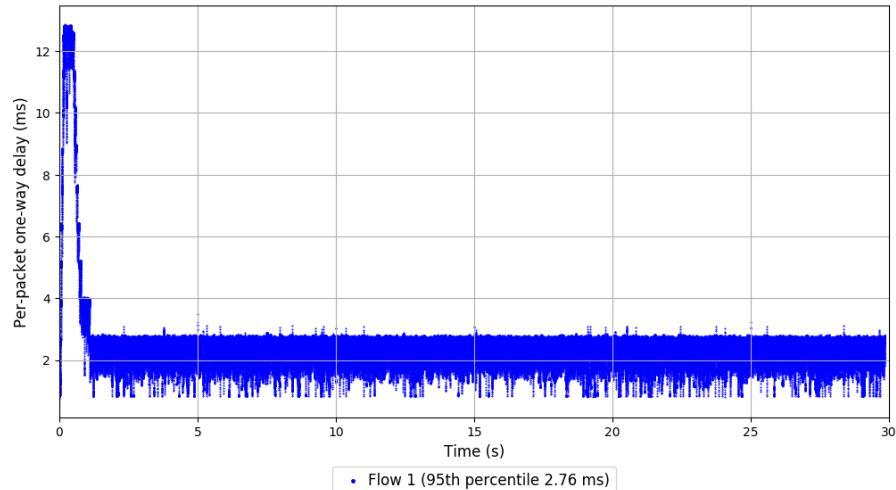
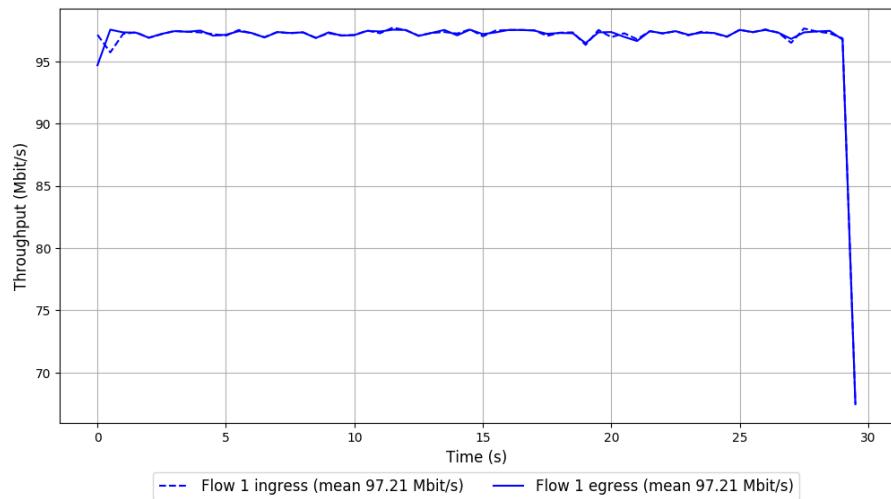


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-04-17 01:54:53
End at: 2018-04-17 01:55:23
Local clock offset: -5.701 ms
Remote clock offset: -6.867 ms

# Below is generated by plot.py at 2018-04-17 08:08:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.01%
```

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

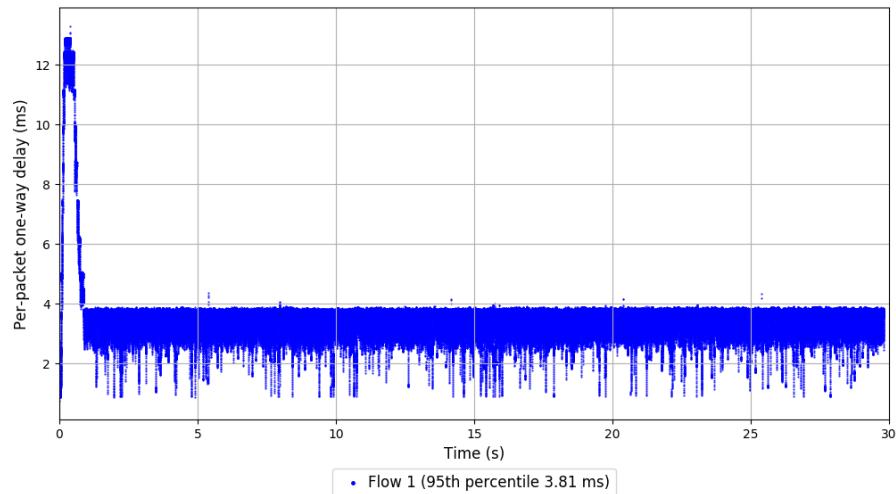
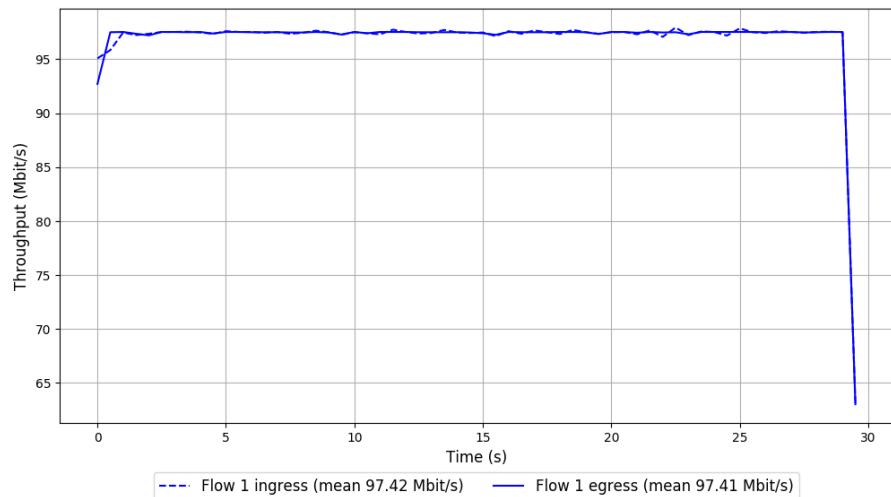


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-04-17 02:13:54
End at: 2018-04-17 02:14:24
Local clock offset: -5.913 ms
Remote clock offset: -6.906 ms

# Below is generated by plot.py at 2018-04-17 08:08:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 3.812 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 3.812 ms
Loss rate: 0.01%
```

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

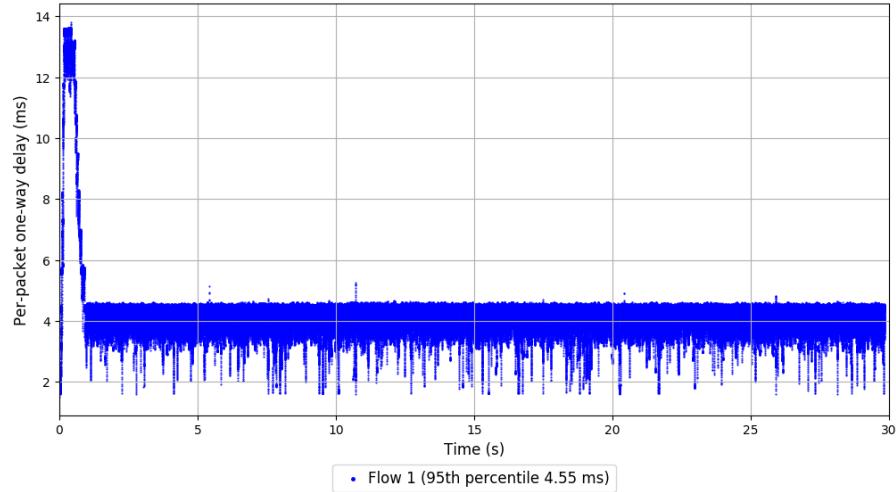
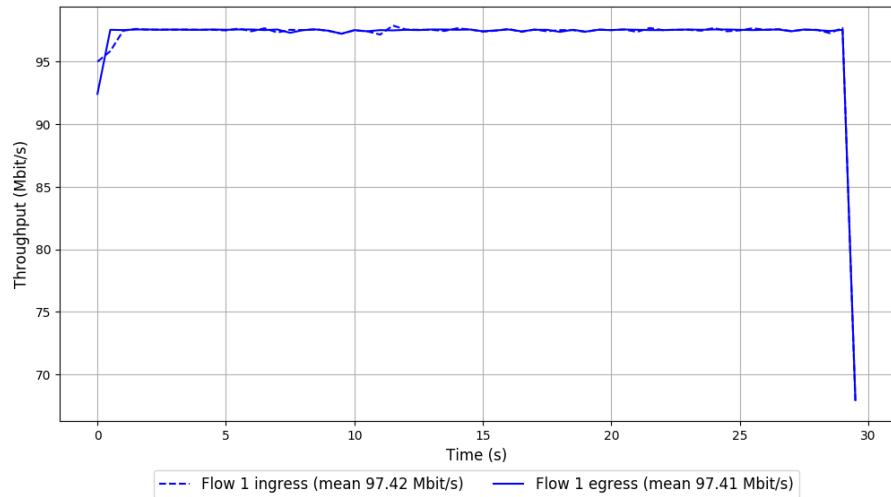


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-04-17 02:32:56
End at: 2018-04-17 02:33:26
Local clock offset: -5.299 ms
Remote clock offset: -6.334 ms

# Below is generated by plot.py at 2018-04-17 08:08:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 4.550 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 4.550 ms
Loss rate: 0.01%
```

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

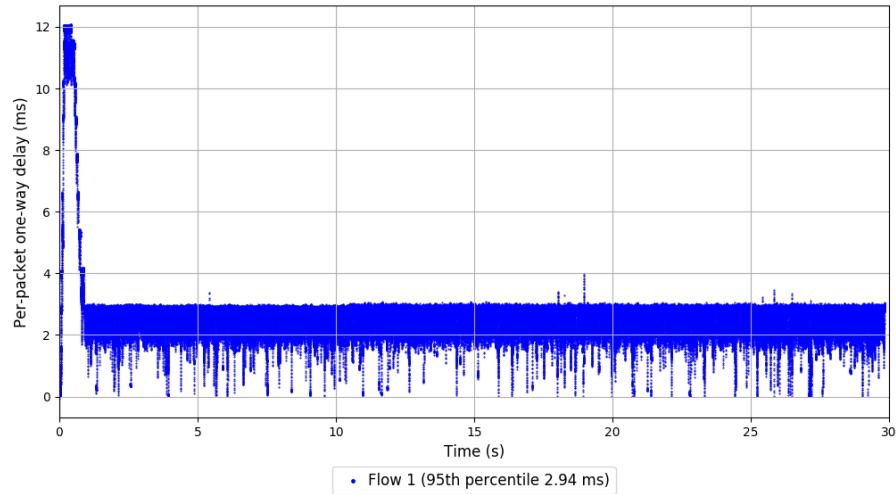
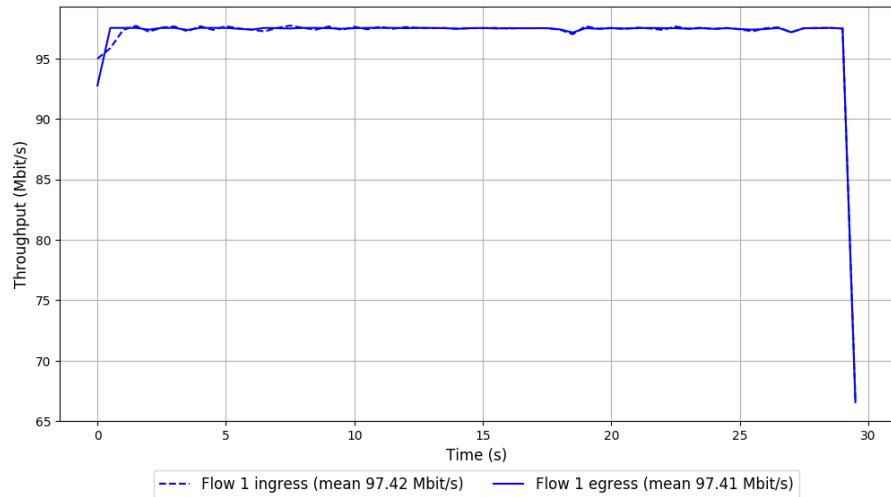


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-04-17 02:51:58
End at: 2018-04-17 02:52:28
Local clock offset: -6.433 ms
Remote clock offset: -6.328 ms

# Below is generated by plot.py at 2018-04-17 08:09:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%
```

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

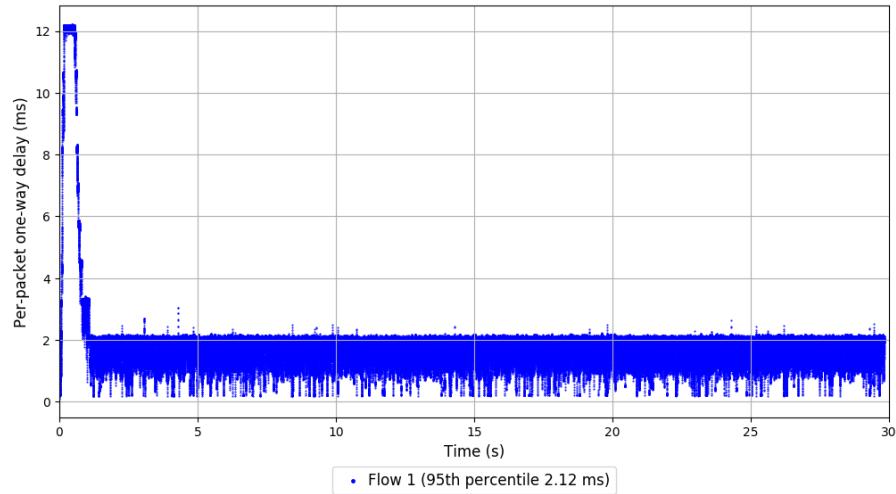
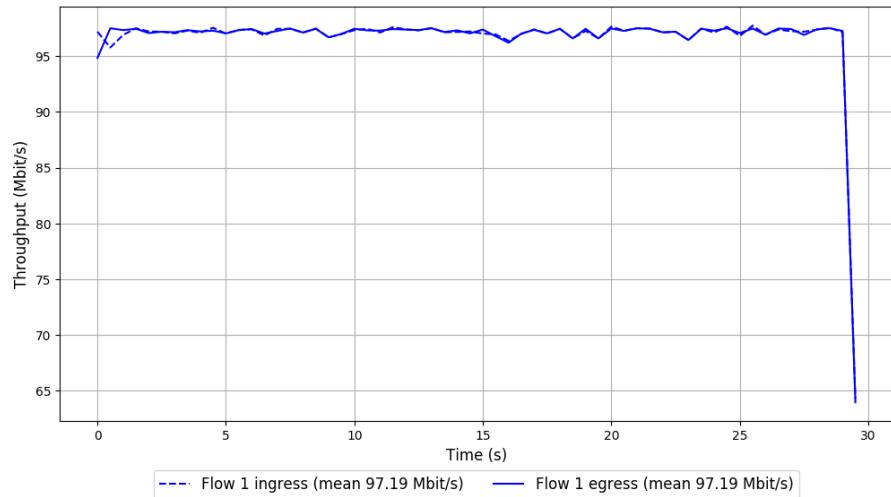


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-04-17 03:11:01
End at: 2018-04-17 03:11:31
Local clock offset: -6.363 ms
Remote clock offset: -6.623 ms

# Below is generated by plot.py at 2018-04-17 08:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 2.121 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 2.121 ms
Loss rate: 0.01%
```

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

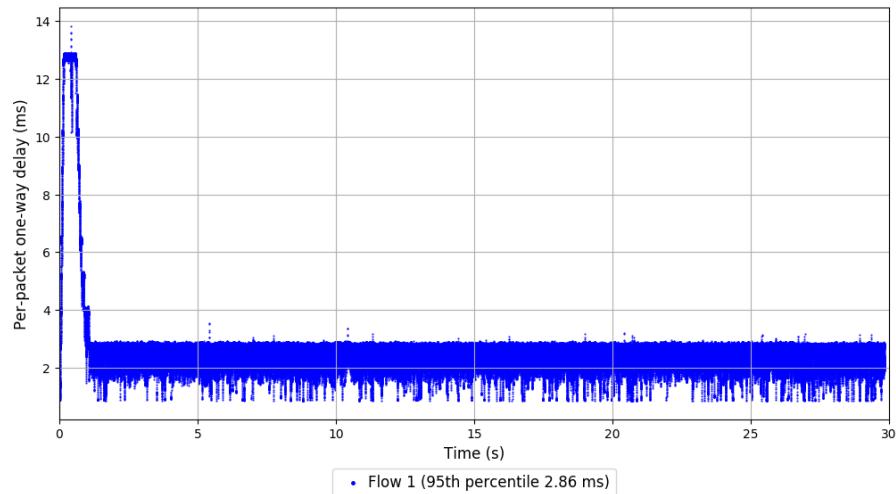
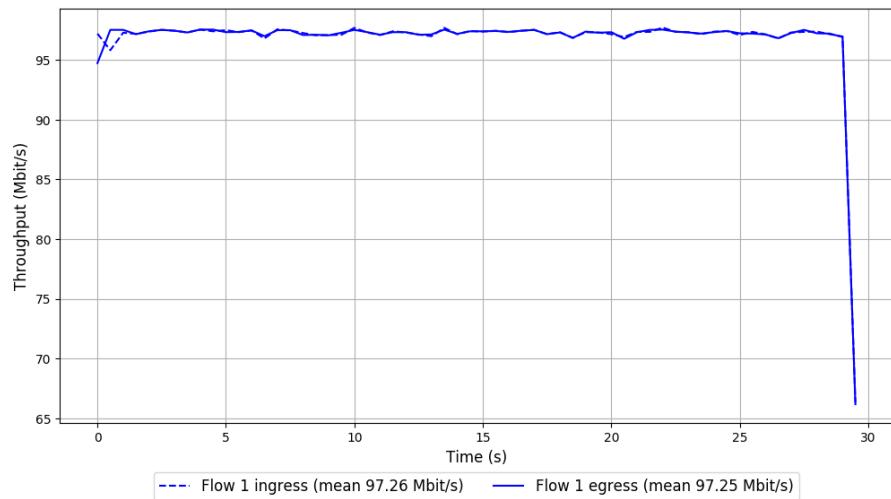


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-04-17 03:30:07
End at: 2018-04-17 03:30:37
Local clock offset: -5.707 ms
Remote clock offset: -6.809 ms

# Below is generated by plot.py at 2018-04-17 08:09:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 2.856 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 2.856 ms
Loss rate: 0.01%
```

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

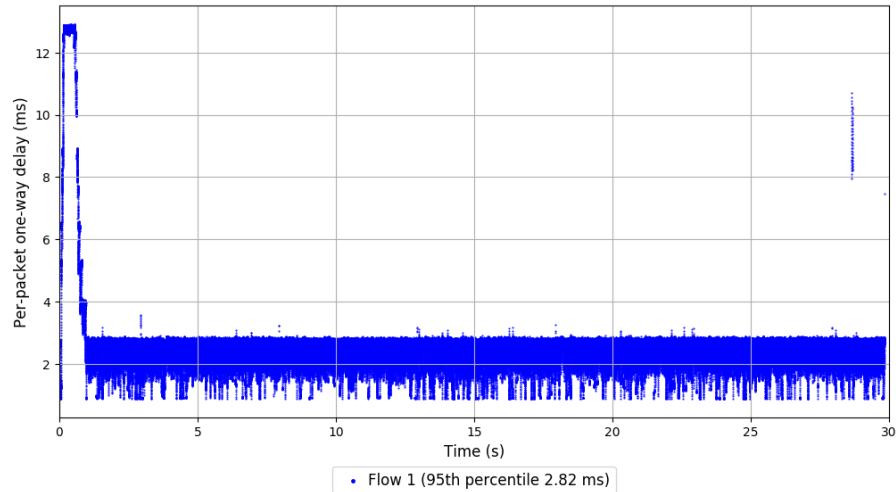
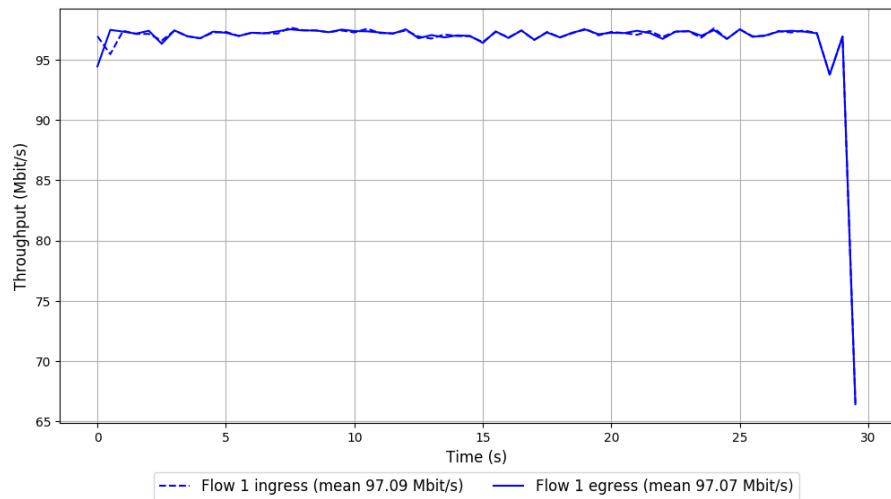


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-04-17 03:49:11
End at: 2018-04-17 03:49:41
Local clock offset: -5.782 ms
Remote clock offset: -7.142 ms

# Below is generated by plot.py at 2018-04-17 08:09:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 2.819 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 2.819 ms
Loss rate: 0.01%
```

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

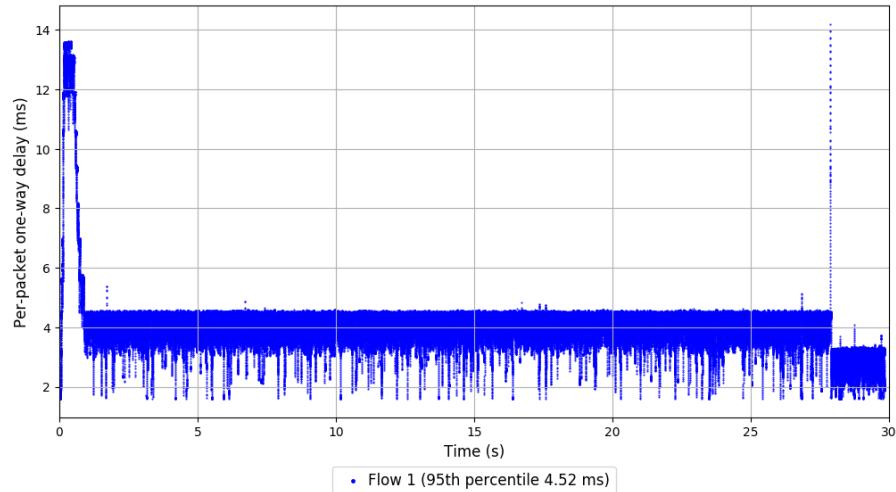
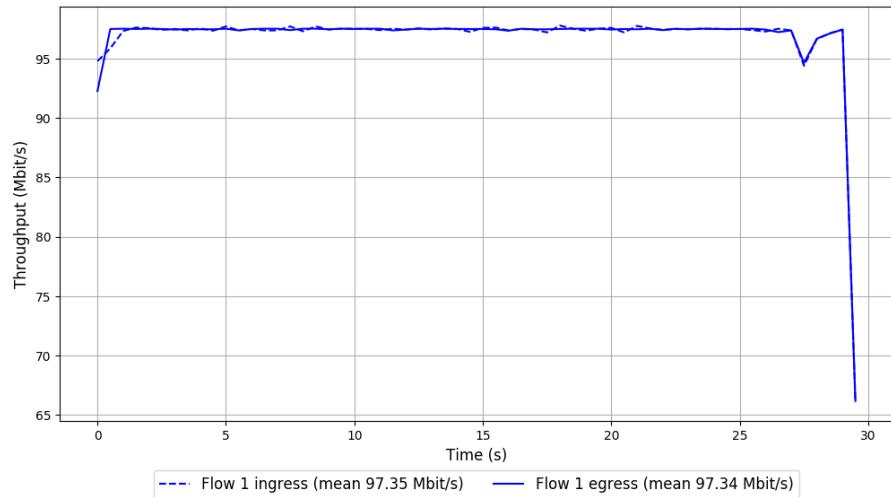


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-04-17 04:08:14
End at: 2018-04-17 04:08:44
Local clock offset: -5.035 ms
Remote clock offset: -7.052 ms

# Below is generated by plot.py at 2018-04-17 08:09:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 4.516 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 4.516 ms
Loss rate: 0.01%
```

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

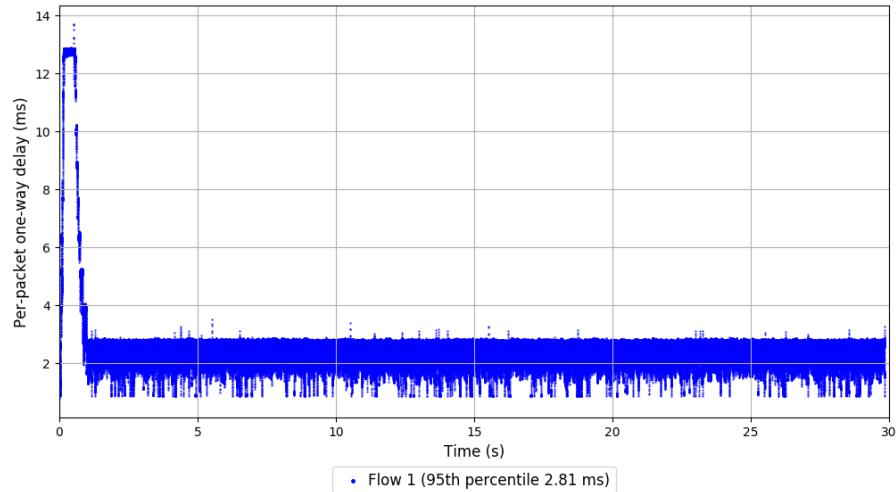
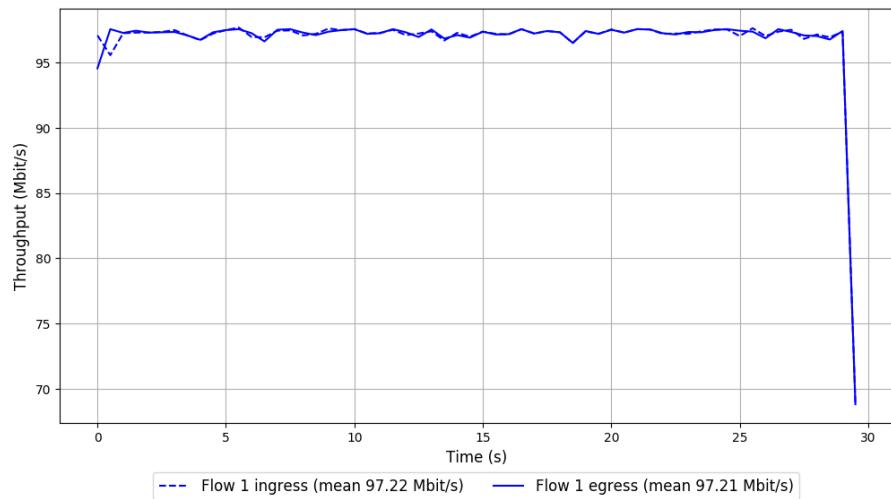


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-04-17 04:27:17
End at: 2018-04-17 04:27:48
Local clock offset: -5.818 ms
Remote clock offset: -7.032 ms

# Below is generated by plot.py at 2018-04-17 08:09:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 2.805 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 2.805 ms
Loss rate: 0.01%
```

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

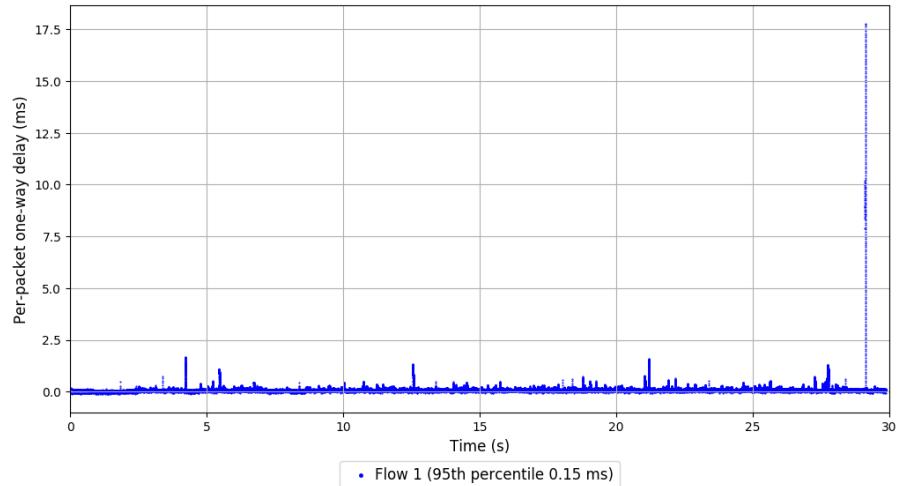
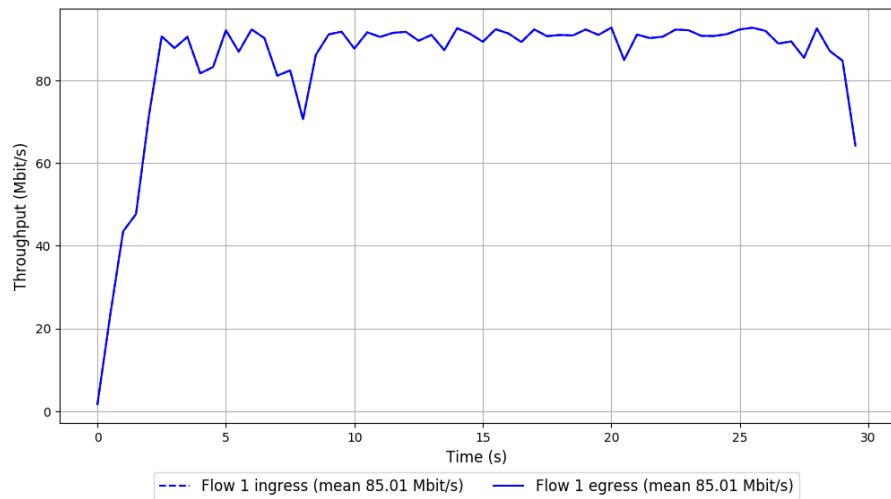


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-04-17 01:27:05
End at: 2018-04-17 01:27:35
Local clock offset: -6.339 ms
Remote clock offset: -6.604 ms

# Below is generated by plot.py at 2018-04-17 08:10:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 0.149 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 0.149 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

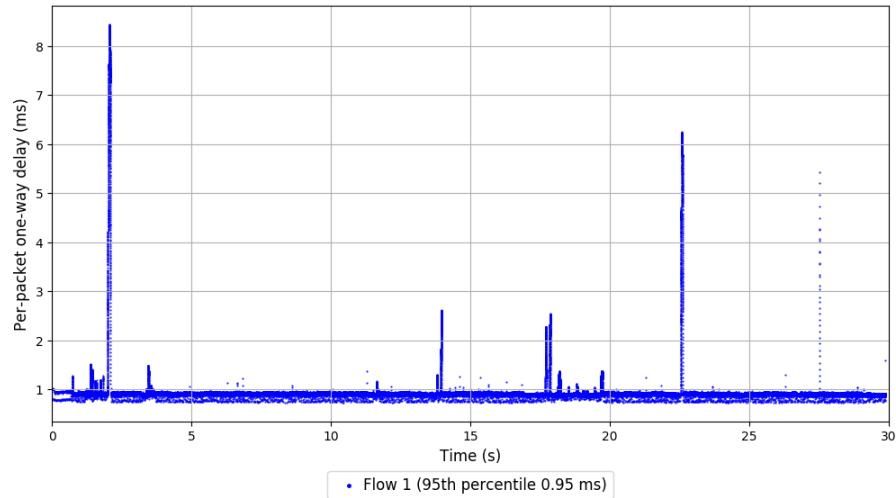
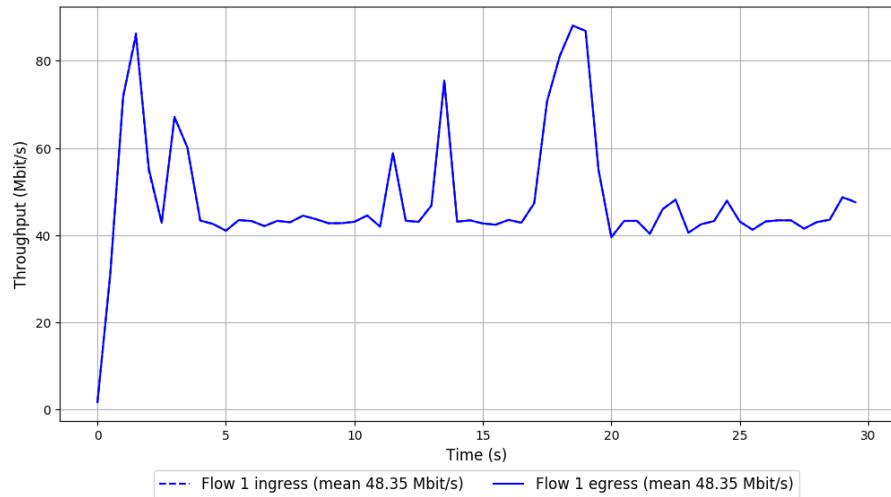


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-04-17 01:46:09
End at: 2018-04-17 01:46:39
Local clock offset: -5.653 ms
Remote clock offset: -6.816 ms

# Below is generated by plot.py at 2018-04-17 08:10:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 0.951 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 0.951 ms
Loss rate: 0.01%
```

Run 2: Report of PCC-Vivace — Data Link

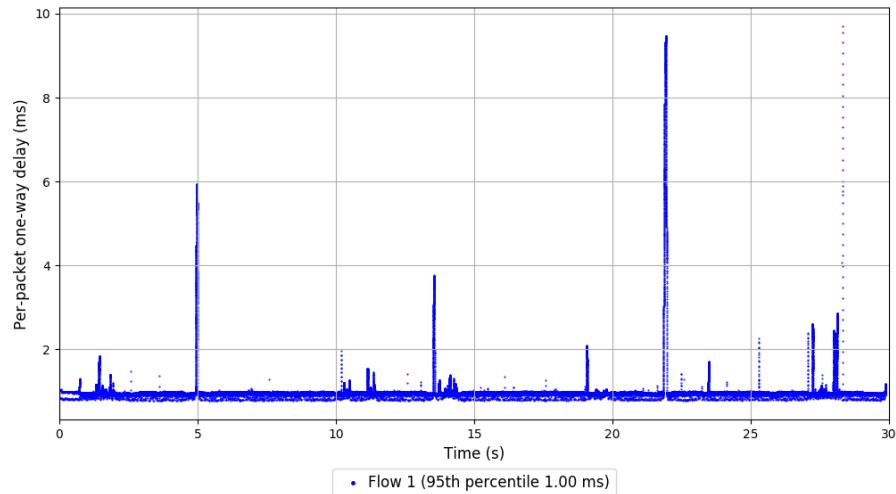
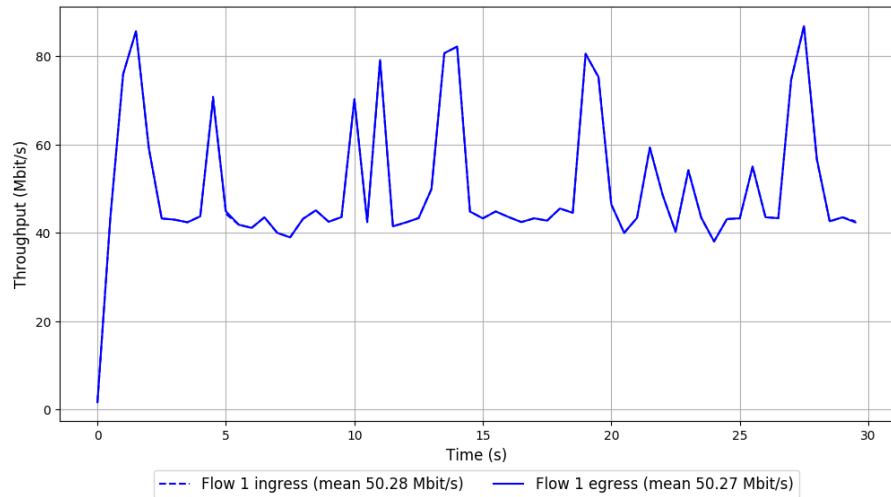


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-04-17 02:05:04
End at: 2018-04-17 02:05:35
Local clock offset: -5.764 ms
Remote clock offset: -6.974 ms

# Below is generated by plot.py at 2018-04-17 08:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 1.000 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 1.000 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Vivace — Data Link

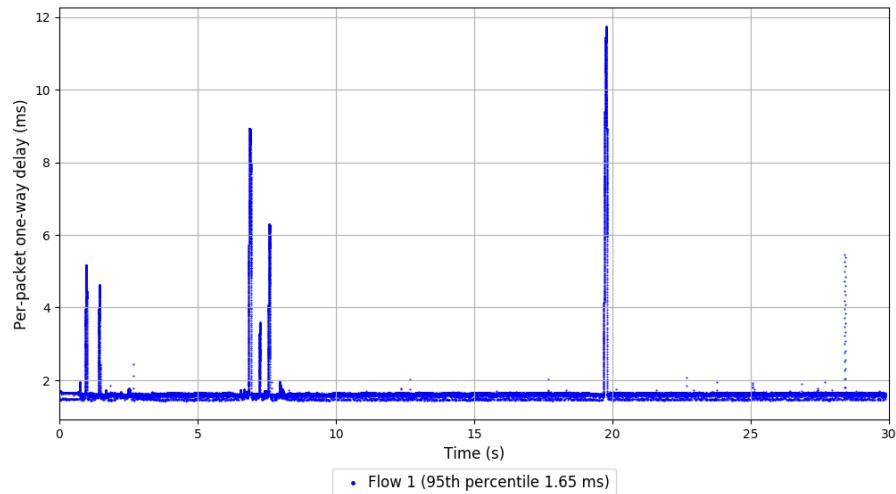
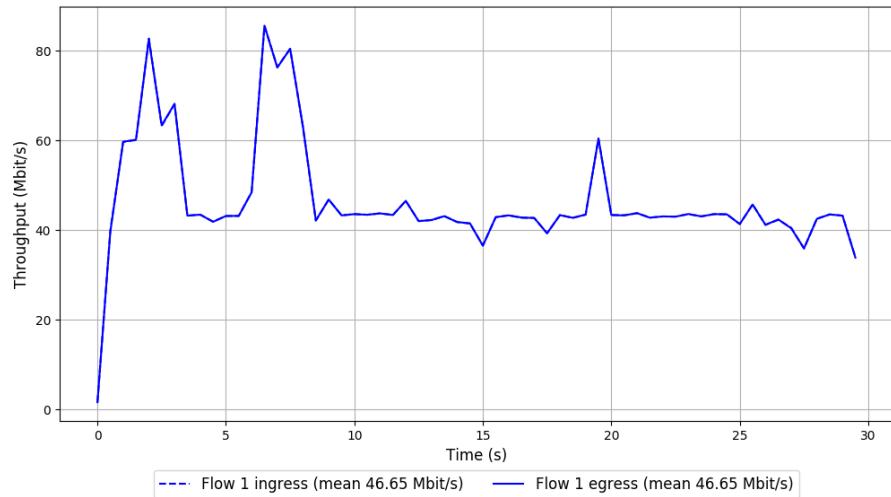


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-04-17 02:24:06
End at: 2018-04-17 02:24:36
Local clock offset: -5.242 ms
Remote clock offset: -6.525 ms

# Below is generated by plot.py at 2018-04-17 08:10:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 1.652 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 1.652 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Vivace — Data Link

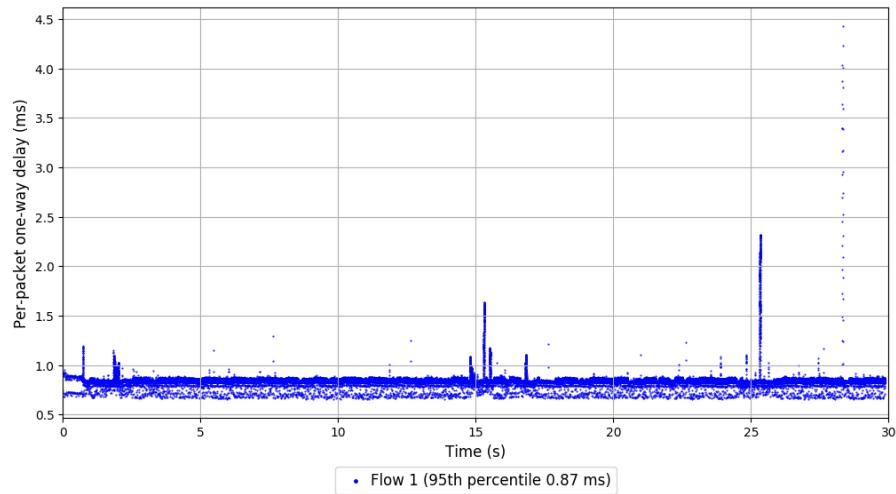
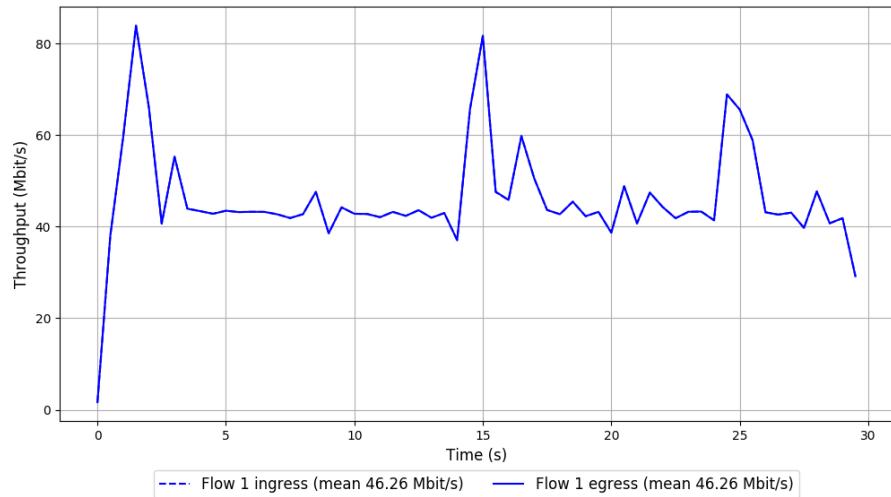


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-04-17 02:43:08
End at: 2018-04-17 02:43:38
Local clock offset: -5.741 ms
Remote clock offset: -6.157 ms

# Below is generated by plot.py at 2018-04-17 08:10:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 0.866 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 0.866 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

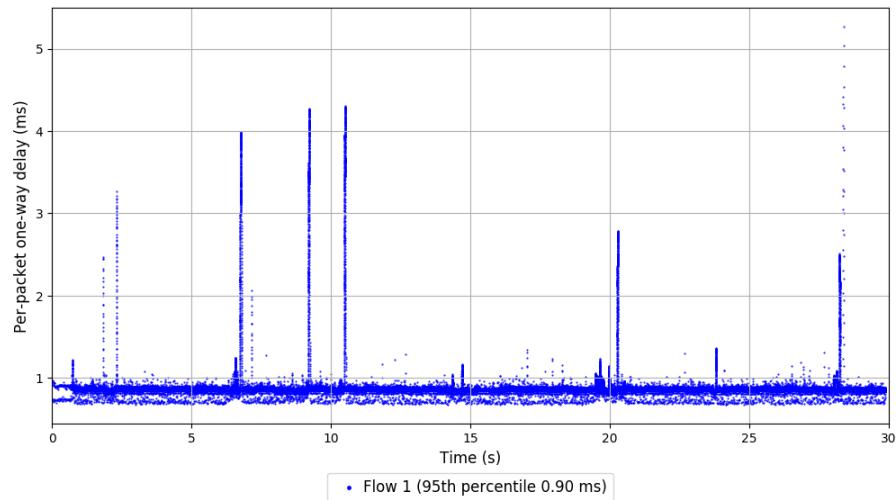
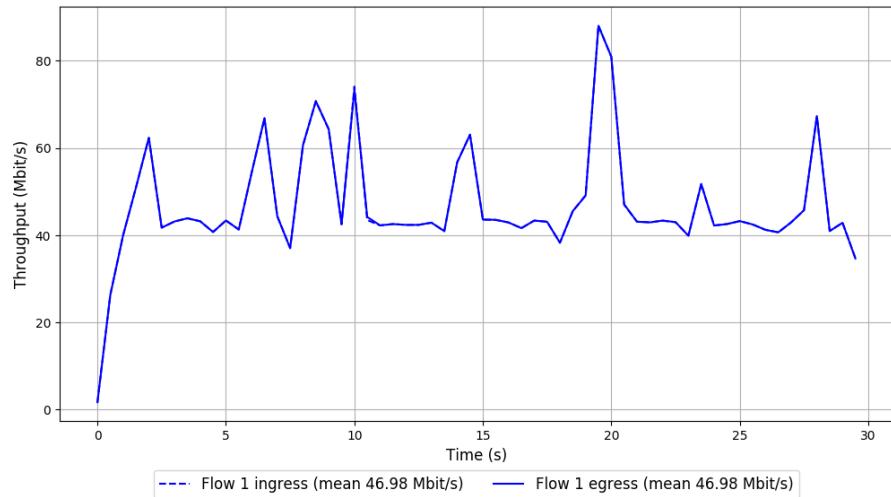


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-04-17 03:02:10
End at: 2018-04-17 03:02:40
Local clock offset: -5.538 ms
Remote clock offset: -6.533 ms

# Below is generated by plot.py at 2018-04-17 08:10:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.98 Mbit/s
95th percentile per-packet one-way delay: 0.896 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.98 Mbit/s
95th percentile per-packet one-way delay: 0.896 ms
Loss rate: 0.01%
```

Run 6: Report of PCC-Vivace — Data Link

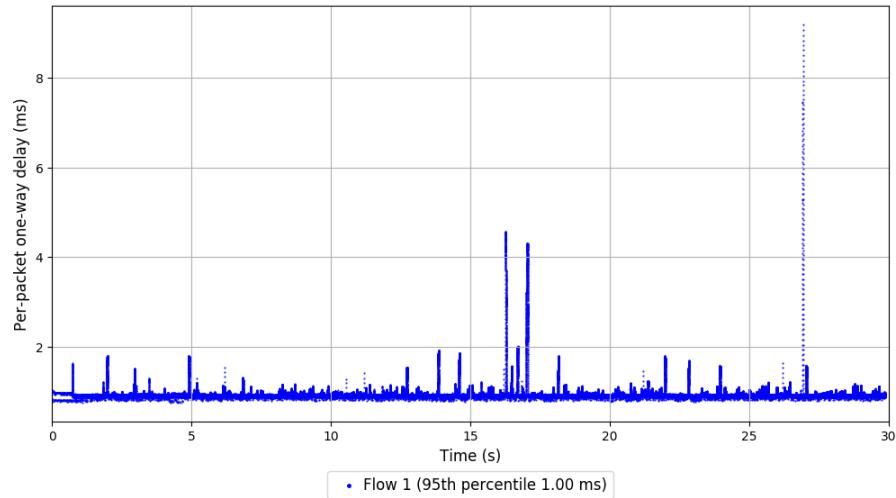
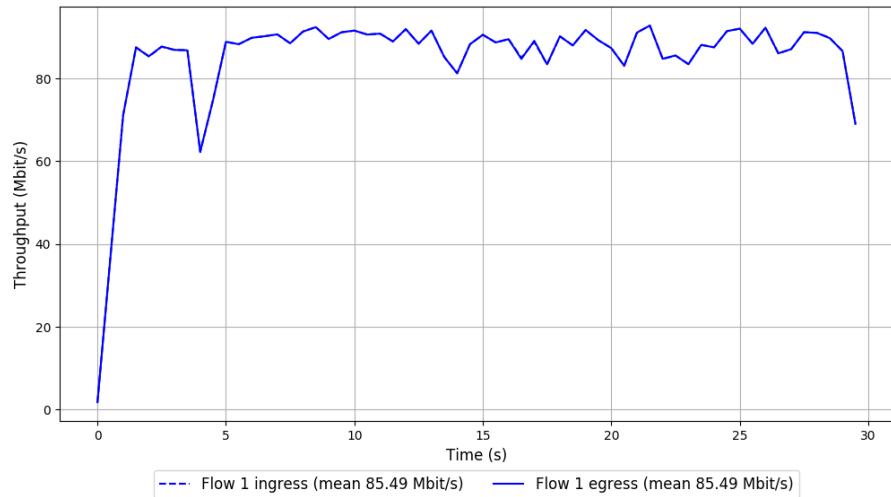


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-04-17 03:21:13
End at: 2018-04-17 03:21:43
Local clock offset: -5.685 ms
Remote clock offset: -6.56 ms

# Below is generated by plot.py at 2018-04-17 08:10:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 1.003 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 1.003 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Vivace — Data Link

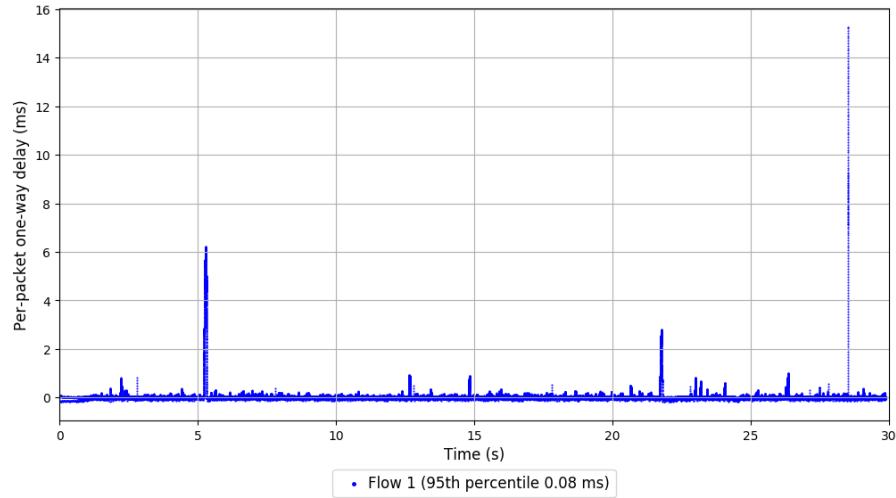
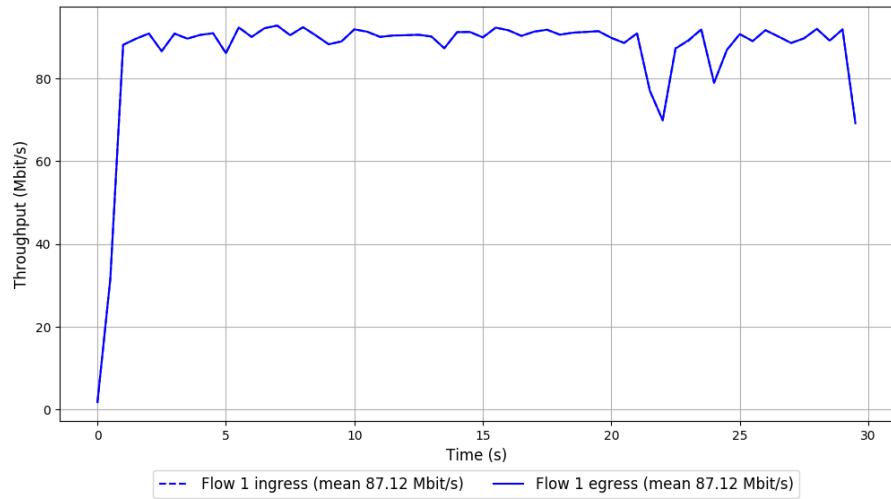


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-04-17 03:40:19
End at: 2018-04-17 03:40:49
Local clock offset: -6.58 ms
Remote clock offset: -6.988 ms

# Below is generated by plot.py at 2018-04-17 08:10:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 0.077 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 0.077 ms
Loss rate: 0.01%
```

Run 8: Report of PCC-Vivace — Data Link

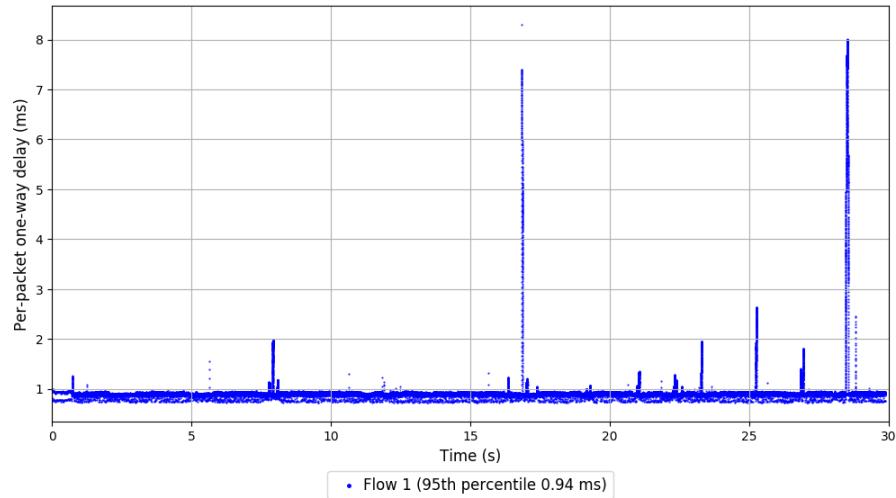
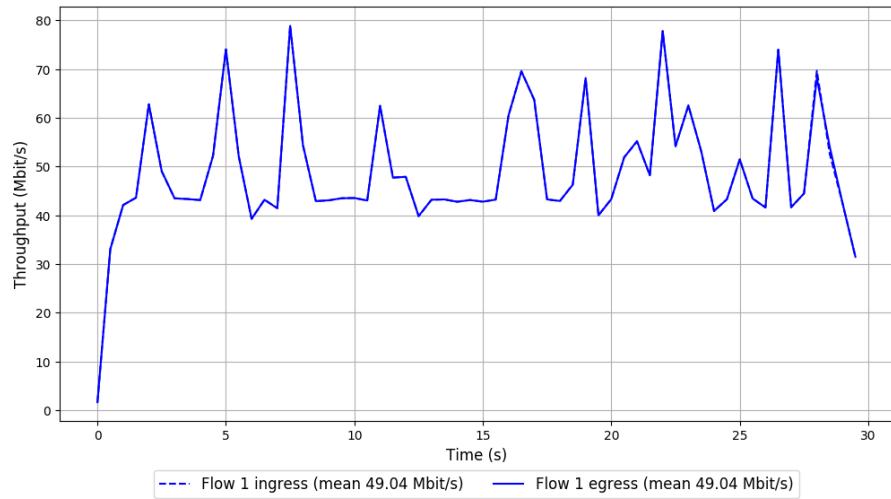


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-04-17 03:59:23
End at: 2018-04-17 03:59:53
Local clock offset: -5.777 ms
Remote clock offset: -7.165 ms

# Below is generated by plot.py at 2018-04-17 08:10:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Vivace — Data Link

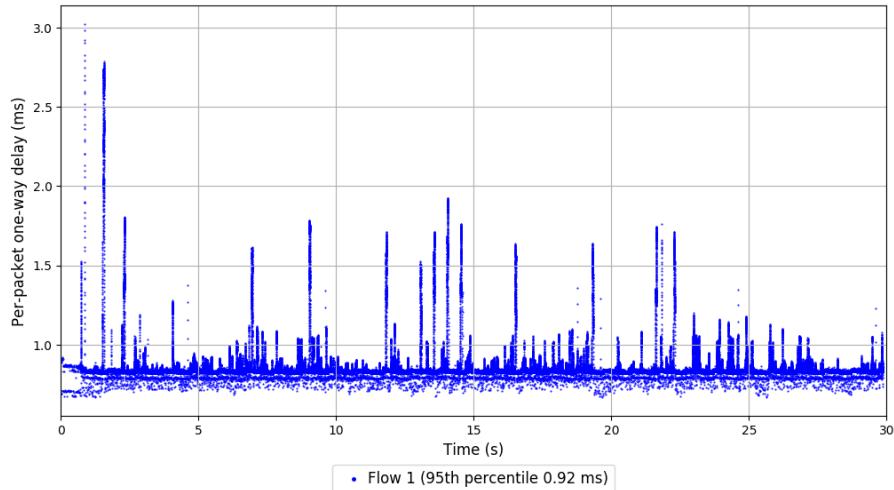
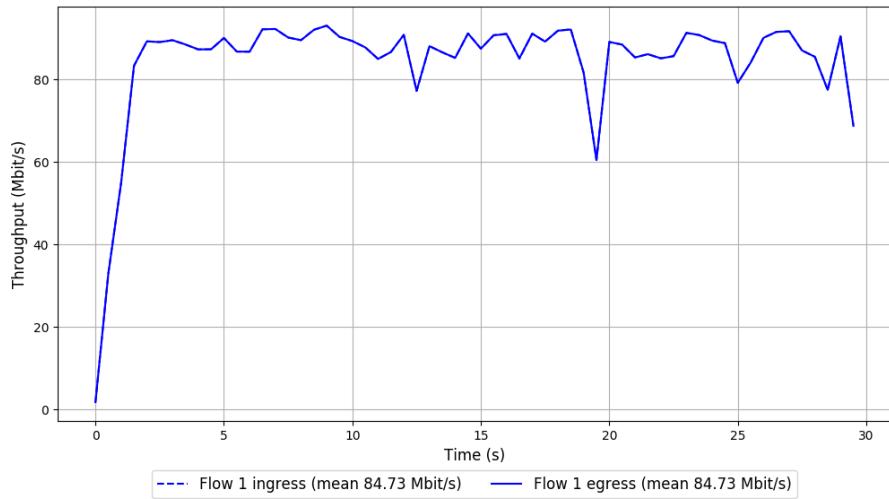


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-04-17 04:18:26
End at: 2018-04-17 04:18:56
Local clock offset: -5.819 ms
Remote clock offset: -7.025 ms

# Below is generated by plot.py at 2018-04-17 08:10:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 0.916 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 0.916 ms
Loss rate: 0.01%
```

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-04-17 01:24:50

End at: 2018-04-17 01:25:20

Local clock offset: -4.754 ms

Remote clock offset: -6.668 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-04-17 01:43:54

End at: 2018-04-17 01:44:24

Local clock offset: -5.651 ms

Remote clock offset: -6.657 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-04-17 02:02:50

End at: 2018-04-17 02:03:20

Local clock offset: -5.015 ms

Remote clock offset: -6.916 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-04-17 02:21:52

End at: 2018-04-17 02:22:22

Local clock offset: -6.064 ms

Remote clock offset: -6.624 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of PCC-Expr

Start at: 2018-04-17 02:40:54

End at: 2018-04-17 02:41:24

Local clock offset: -5.779 ms

Remote clock offset: -6.193 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of PCC-Expr

Start at: 2018-04-17 02:59:56
End at: 2018-04-17 03:00:26
Local clock offset: -5.594 ms
Remote clock offset: -6.537 ms

Run 6: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC-Expr

Start at: 2018-04-17 03:18:59

End at: 2018-04-17 03:19:29

Local clock offset: -4.906 ms

Remote clock offset: -6.54 ms

Run 7: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC-Expr

Start at: 2018-04-17 03:38:04

End at: 2018-04-17 03:38:34

Local clock offset: -6.504 ms

Remote clock offset: -6.964 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-04-17 03:57:08

End at: 2018-04-17 03:57:38

Local clock offset: -5.751 ms

Remote clock offset: -7.122 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of PCC-Expr

Start at: 2018-04-17 04:16:12

End at: 2018-04-17 04:16:42

Local clock offset: -6.54 ms

Remote clock offset: -7.016 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing