

Pantheon Report

Generated at 2018-07-04 06:25:50 (UTC).

Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

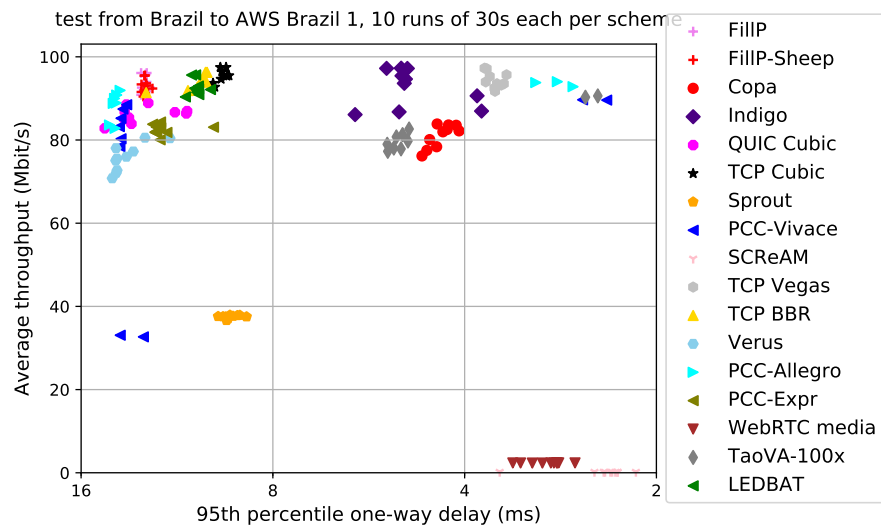
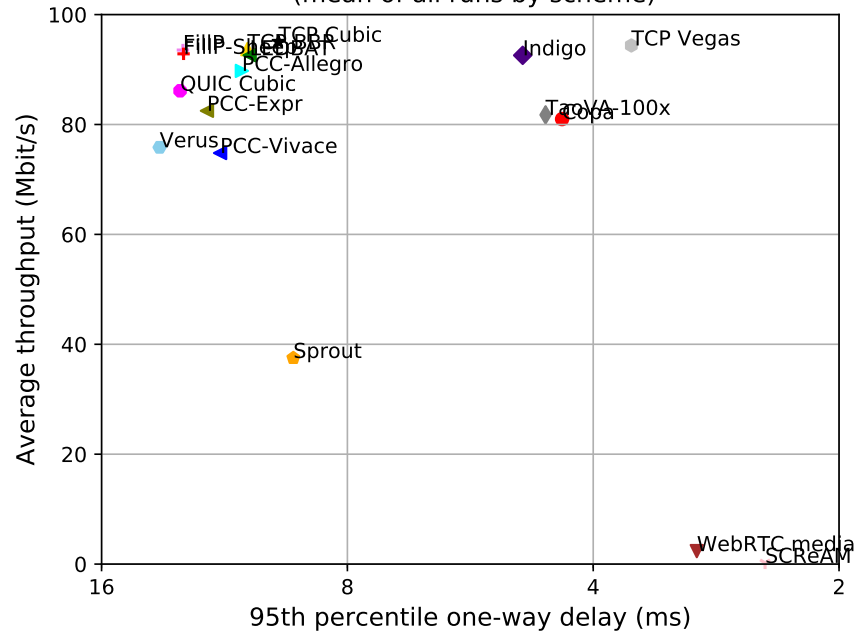
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfe58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



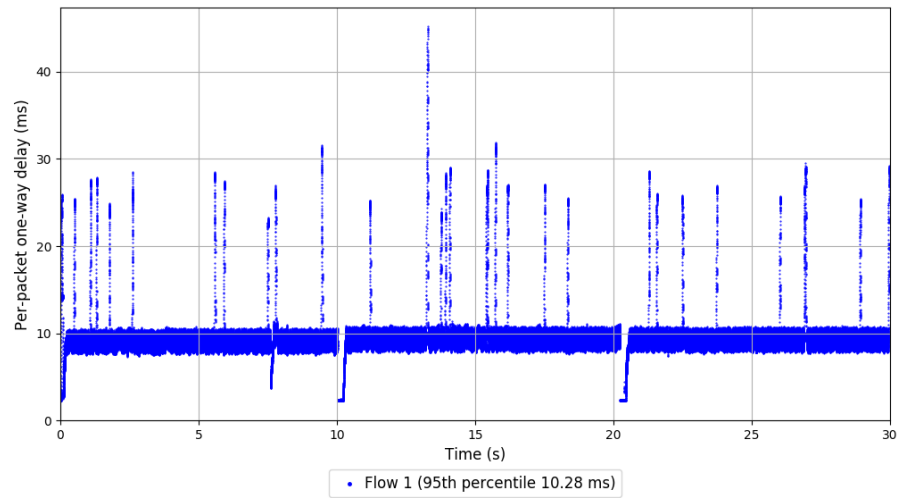
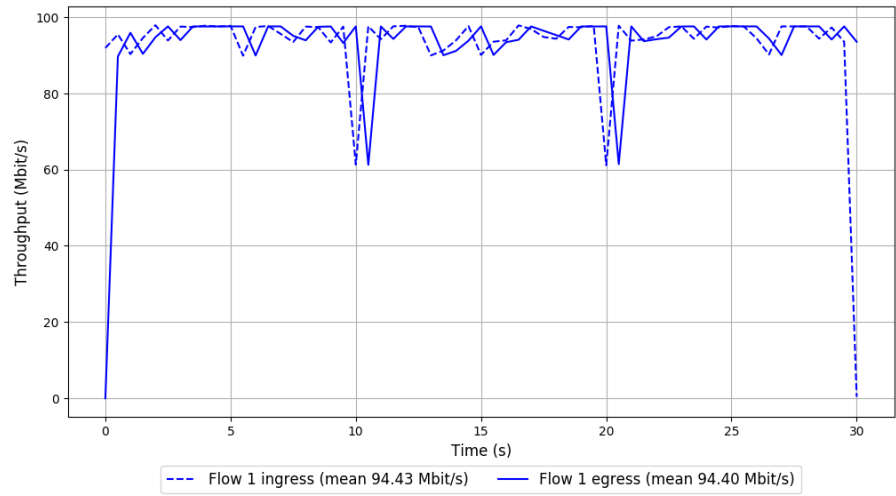
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.72	10.61	0.10
Copa	10	80.98	4.37	0.02
TCP Cubic	10	95.05	9.72	0.05
FillP	10	93.55	12.72	0.04
FillP-Sheep	10	92.86	12.70	0.04
Indigo	10	92.59	4.88	0.02
LEDBAT	10	92.60	10.54	0.08
PCC-Allegro	10	89.75	10.77	0.25
PCC-Expr	10	82.49	11.89	0.09
QUIC Cubic	10	86.13	12.82	0.05
SCReAM	10	0.22	2.46	0.01
Sprout	10	37.51	9.32	0.03
TaoVA-100x	10	81.75	4.58	0.02
TCP Vegas	10	94.38	3.59	0.02
Verus	10	75.84	13.58	0.03
PCC-Vivace	10	74.81	11.45	0.22
WebRTC media	10	2.36	2.99	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-04 02:51:14
End at: 2018-07-04 02:51:44
Local clock offset: -2.369 ms
Remote clock offset: -5.929 ms

Below is generated by plot.py at 2018-07-04 06:04:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 10.283 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 10.283 ms
Loss rate: 0.05%

Run 1: Report of TCP BBR — Data Link

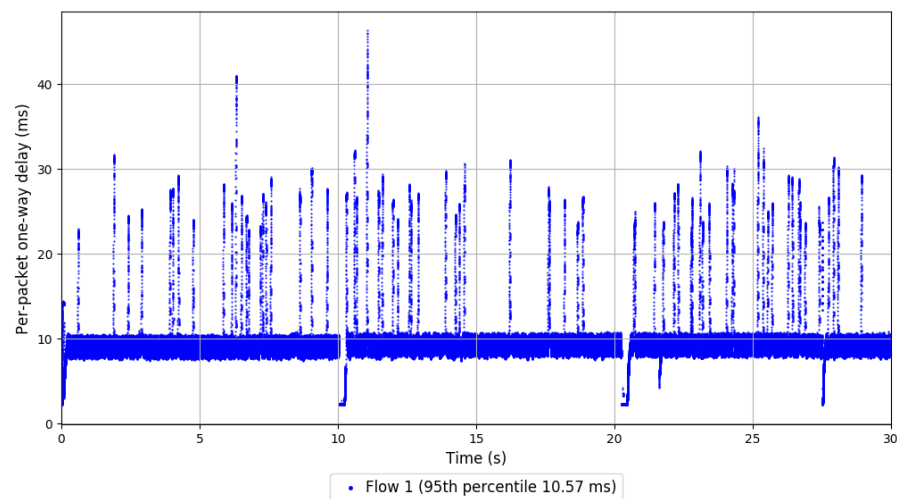
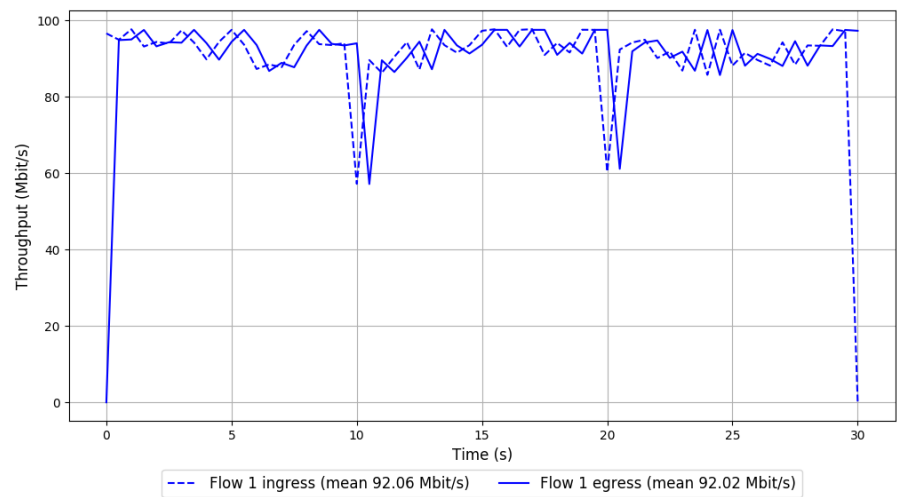


Run 2: Statistics of TCP BBR

Start at: 2018-07-04 03:10:14
End at: 2018-07-04 03:10:44
Local clock offset: -2.726 ms
Remote clock offset: -8.775 ms

Below is generated by plot.py at 2018-07-04 06:04:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 10.568 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 10.568 ms
Loss rate: 0.05%

Run 2: Report of TCP BBR — Data Link

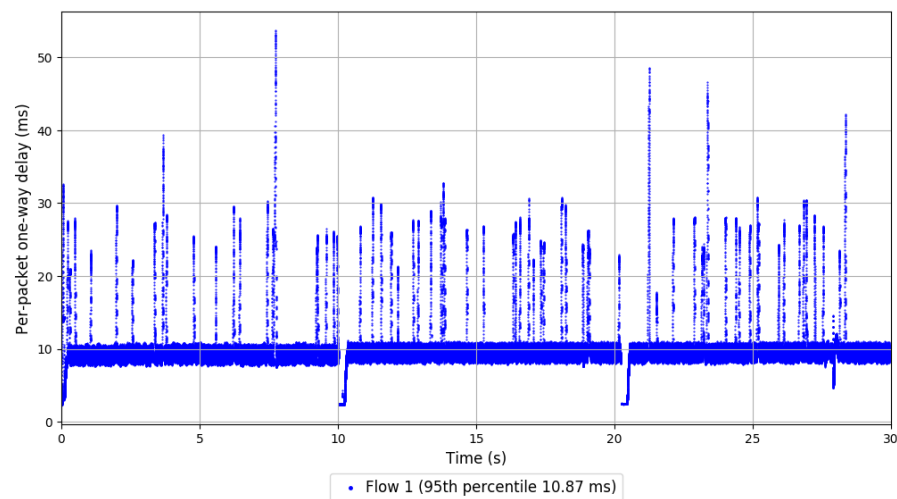
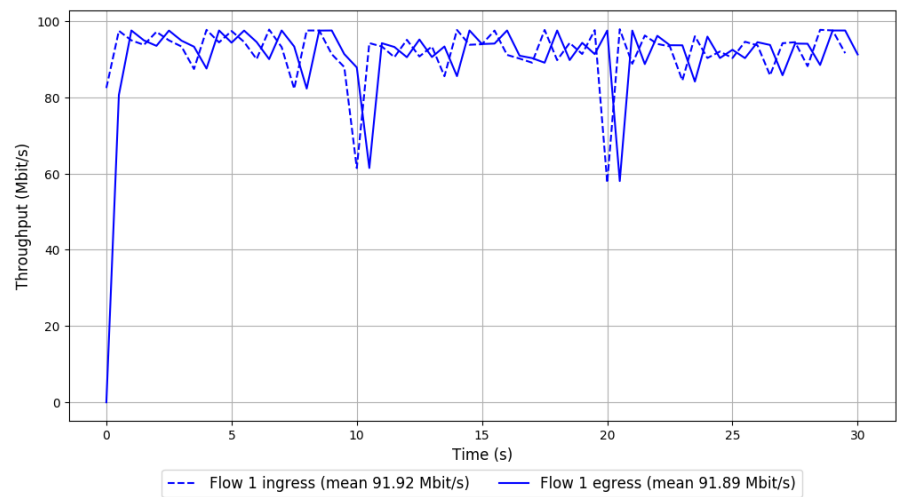


Run 3: Statistics of TCP BBR

Start at: 2018-07-04 03:29:11
End at: 2018-07-04 03:29:41
Local clock offset: -2.615 ms
Remote clock offset: -3.124 ms

Below is generated by plot.py at 2018-07-04 06:04:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 10.873 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 10.873 ms
Loss rate: 0.05%

Run 3: Report of TCP BBR — Data Link

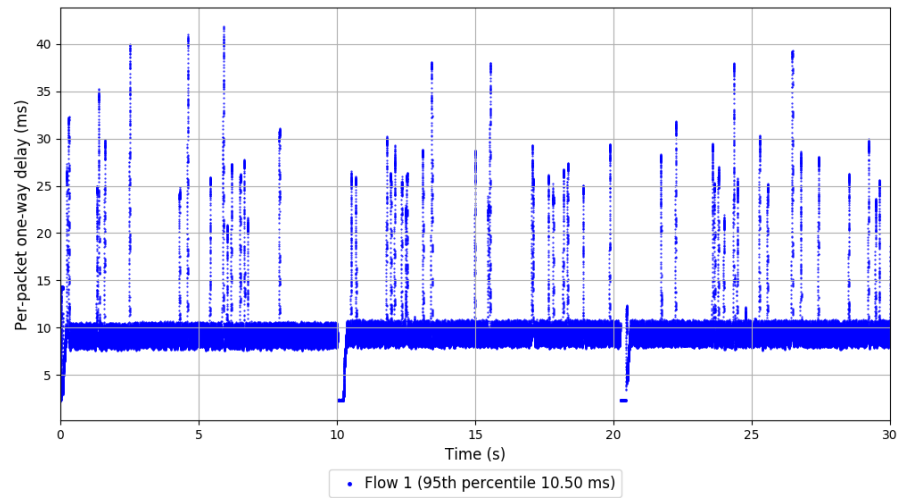
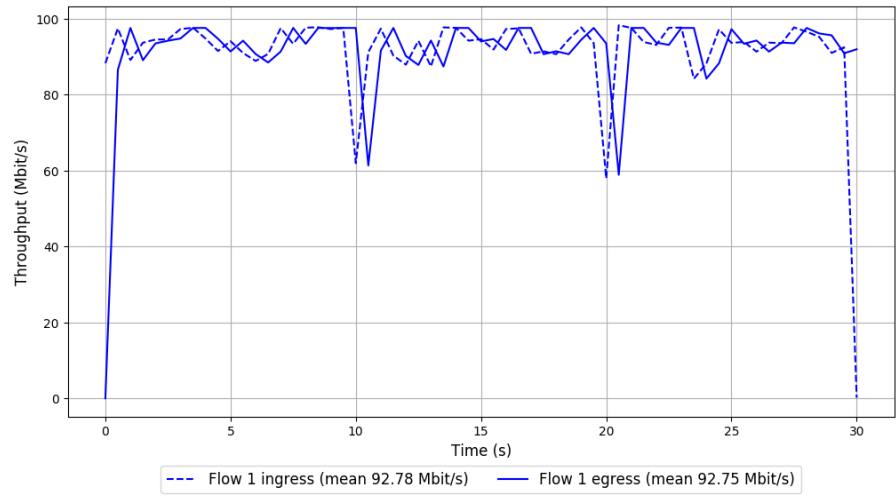


Run 4: Statistics of TCP BBR

Start at: 2018-07-04 03:48:11
End at: 2018-07-04 03:48:41
Local clock offset: -2.668 ms
Remote clock offset: -1.964 ms

Below is generated by plot.py at 2018-07-04 06:04:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 10.502 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 10.502 ms
Loss rate: 0.05%

Run 4: Report of TCP BBR — Data Link

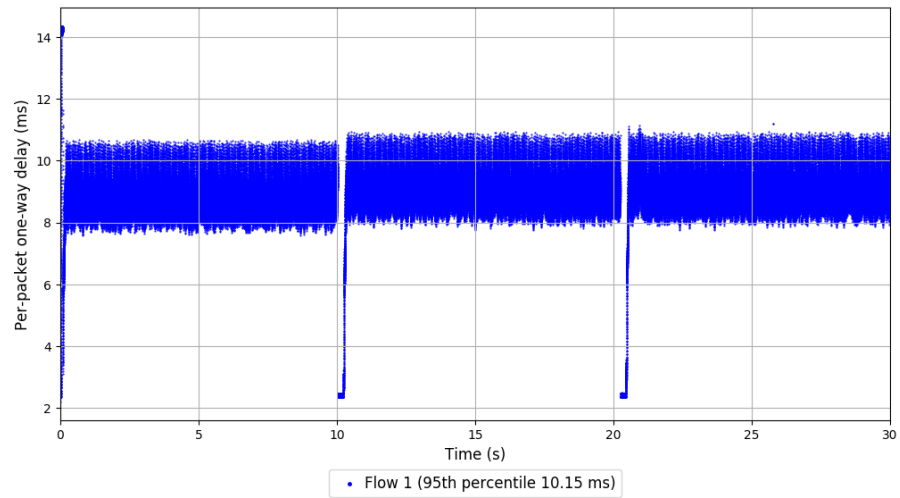
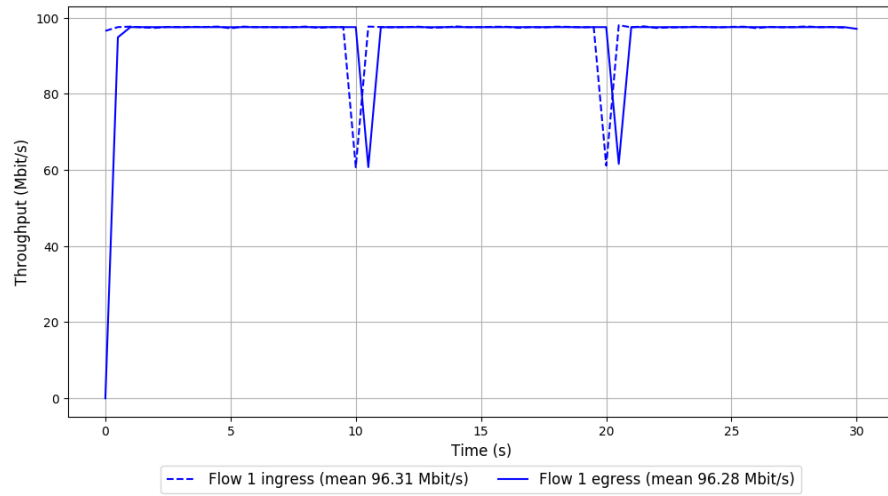


Run 5: Statistics of TCP BBR

Start at: 2018-07-04 04:07:13
End at: 2018-07-04 04:07:43
Local clock offset: -2.813 ms
Remote clock offset: -3.052 ms

Below is generated by plot.py at 2018-07-04 06:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.150 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.150 ms
Loss rate: 0.04%

Run 5: Report of TCP BBR — Data Link

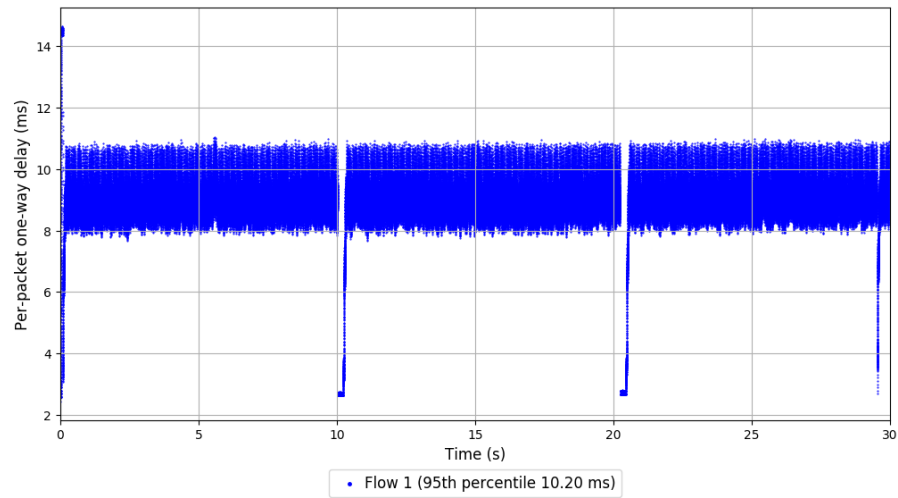
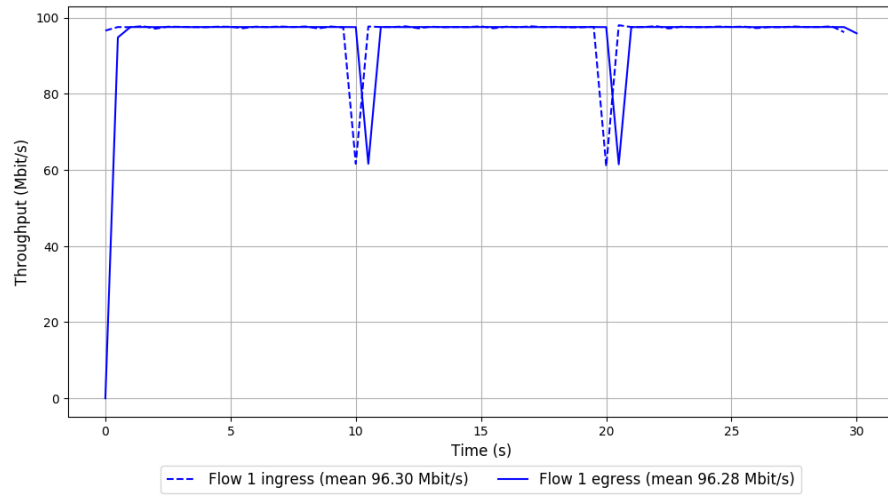


Run 6: Statistics of TCP BBR

Start at: 2018-07-04 04:26:16
End at: 2018-07-04 04:26:46
Local clock offset: -6.971 ms
Remote clock offset: -2.541 ms

Below is generated by plot.py at 2018-07-04 06:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.203 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.203 ms
Loss rate: 0.04%

Run 6: Report of TCP BBR — Data Link

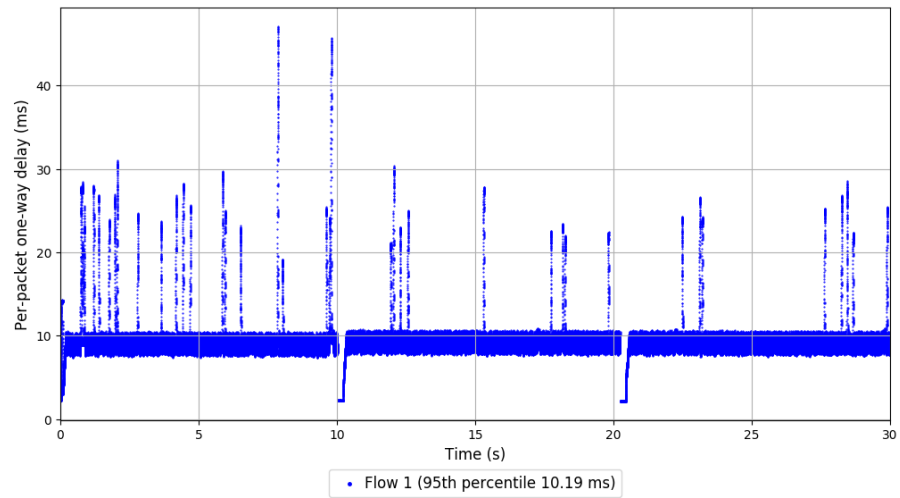
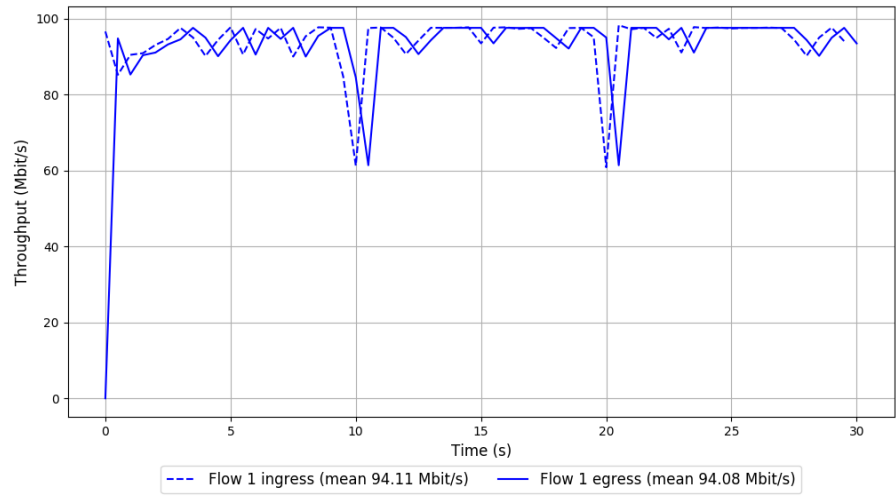


Run 7: Statistics of TCP BBR

Start at: 2018-07-04 04:45:17
End at: 2018-07-04 04:45:47
Local clock offset: -5.378 ms
Remote clock offset: -1.435 ms

Below is generated by plot.py at 2018-07-04 06:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 10.189 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 10.189 ms
Loss rate: 0.05%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-04 05:04:18

End at: 2018-07-04 05:04:48

Local clock offset: -1.526 ms

Remote clock offset: -2.108 ms

Below is generated by plot.py at 2018-07-04 06:04:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 10.281 ms

Loss rate: 0.04%

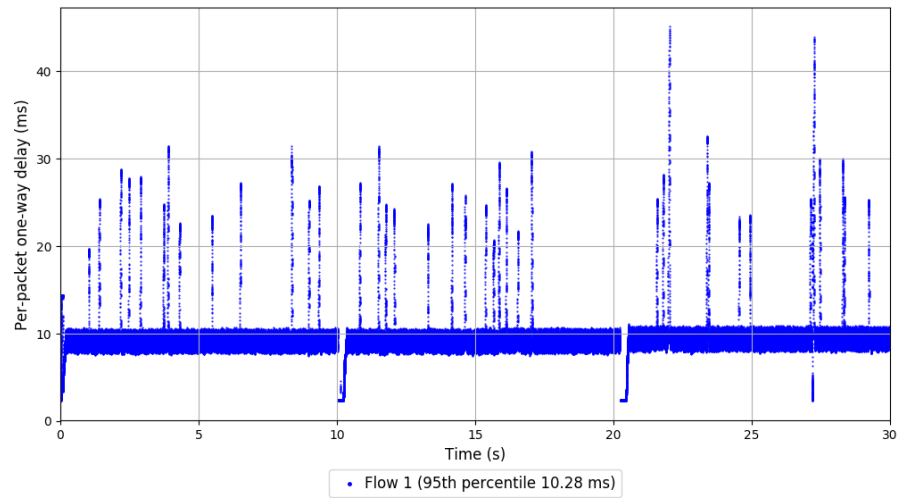
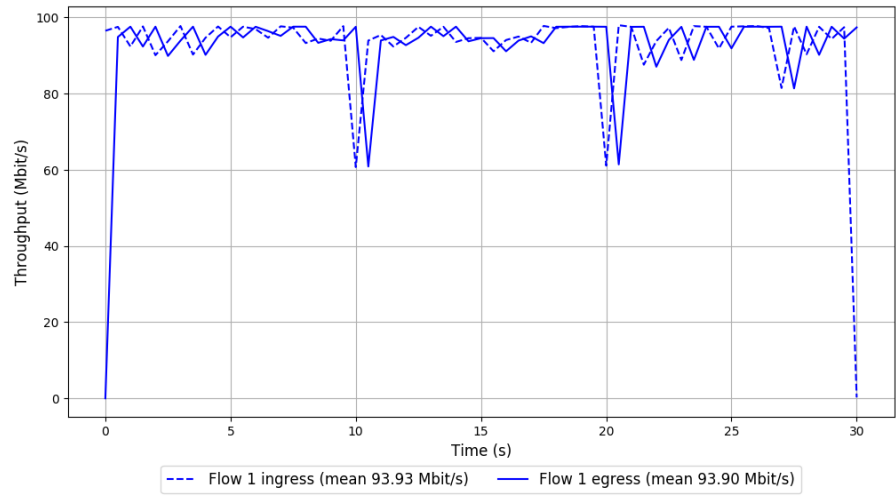
-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 10.281 ms

Loss rate: 0.04%

Run 8: Report of TCP BBR — Data Link

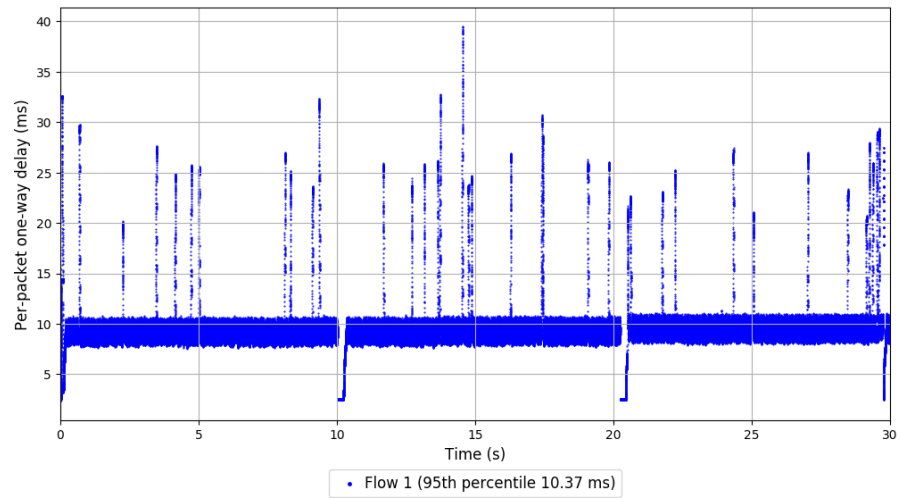
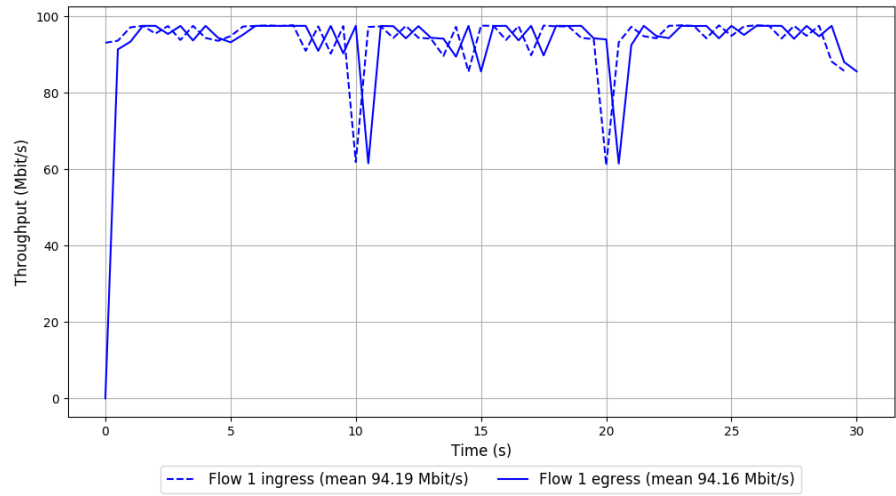


Run 9: Statistics of TCP BBR

Start at: 2018-07-04 05:23:18
End at: 2018-07-04 05:23:48
Local clock offset: -2.001 ms
Remote clock offset: -2.716 ms

Below is generated by plot.py at 2018-07-04 06:04:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 10.372 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 10.372 ms
Loss rate: 0.04%

Run 9: Report of TCP BBR — Data Link

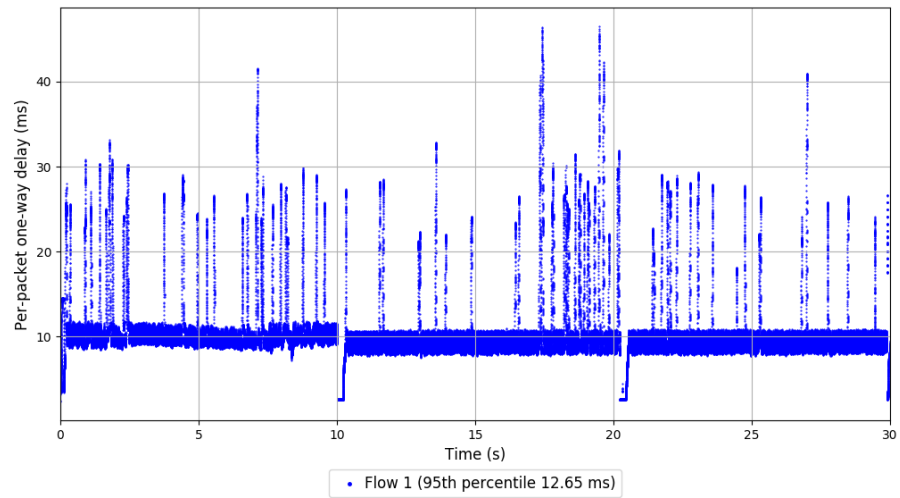
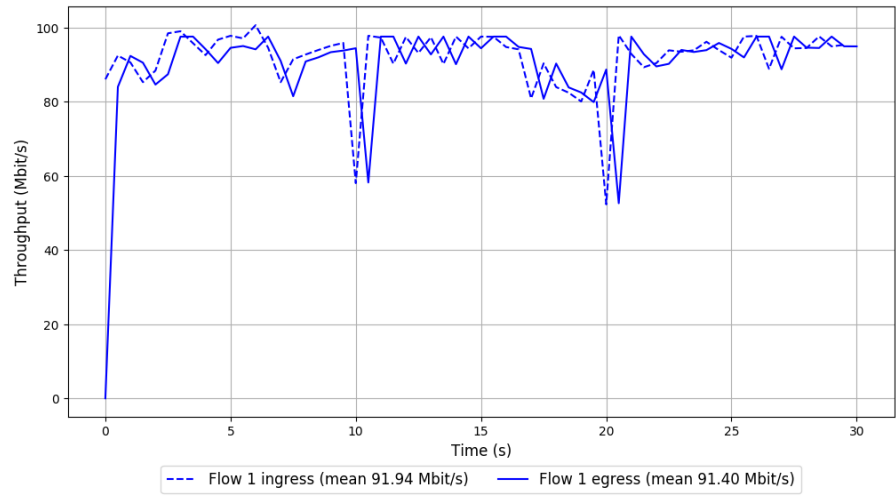


Run 10: Statistics of TCP BBR

Start at: 2018-07-04 05:42:16
End at: 2018-07-04 05:42:46
Local clock offset: -2.136 ms
Remote clock offset: -2.219 ms

Below is generated by plot.py at 2018-07-04 06:04:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 12.648 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 12.648 ms
Loss rate: 0.60%

Run 10: Report of TCP BBR — Data Link

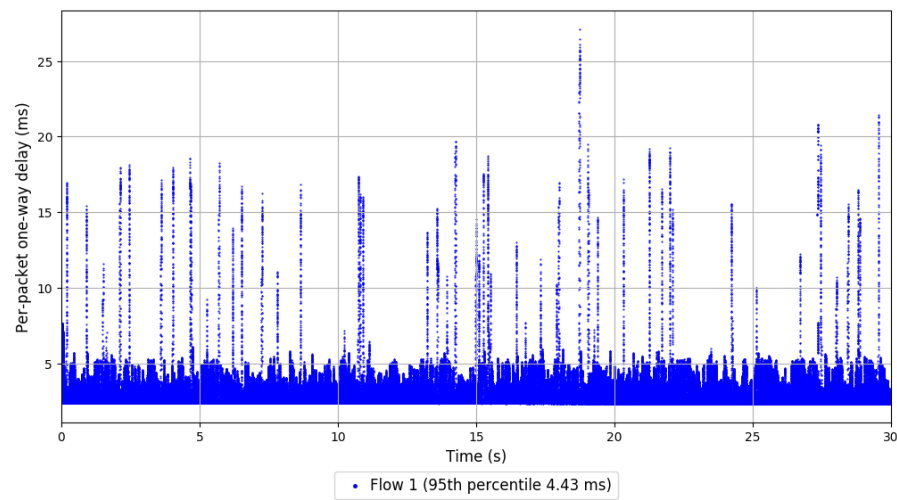
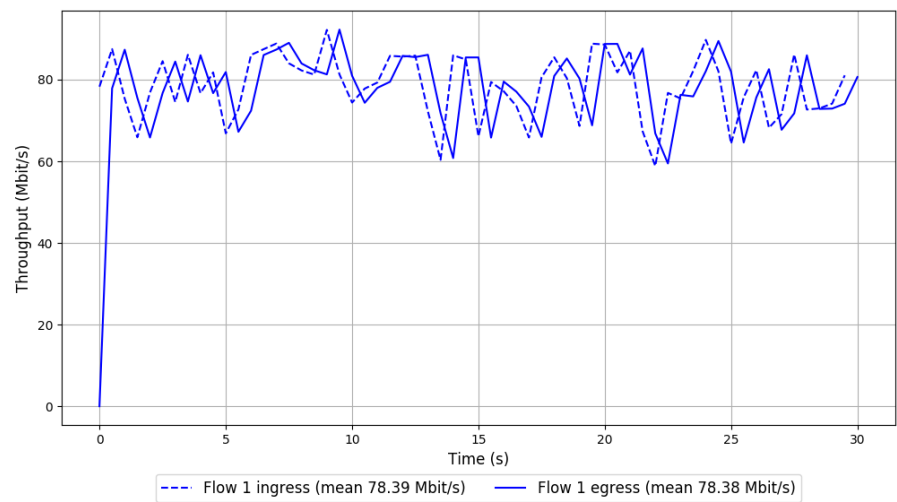


Run 1: Statistics of Copa

Start at: 2018-07-04 02:57:51
End at: 2018-07-04 02:58:21
Local clock offset: -2.549 ms
Remote clock offset: -7.398 ms

Below is generated by plot.py at 2018-07-04 06:05:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 4.426 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 4.426 ms
Loss rate: 0.02%

Run 1: Report of Copa — Data Link

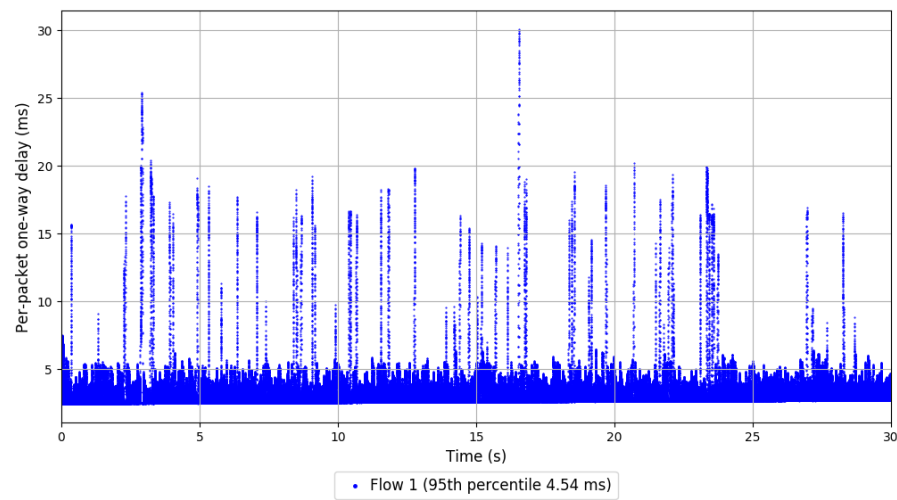
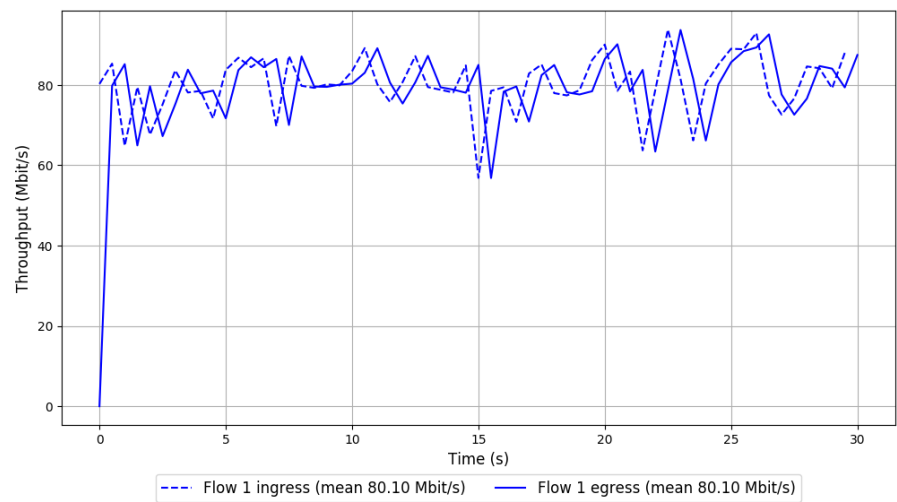


Run 2: Statistics of Copa

Start at: 2018-07-04 03:16:50
End at: 2018-07-04 03:17:21
Local clock offset: -2.654 ms
Remote clock offset: -6.748 ms

Below is generated by plot.py at 2018-07-04 06:05:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.10 Mbit/s
95th percentile per-packet one-way delay: 4.539 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.10 Mbit/s
95th percentile per-packet one-way delay: 4.539 ms
Loss rate: 0.02%

Run 2: Report of Copa — Data Link

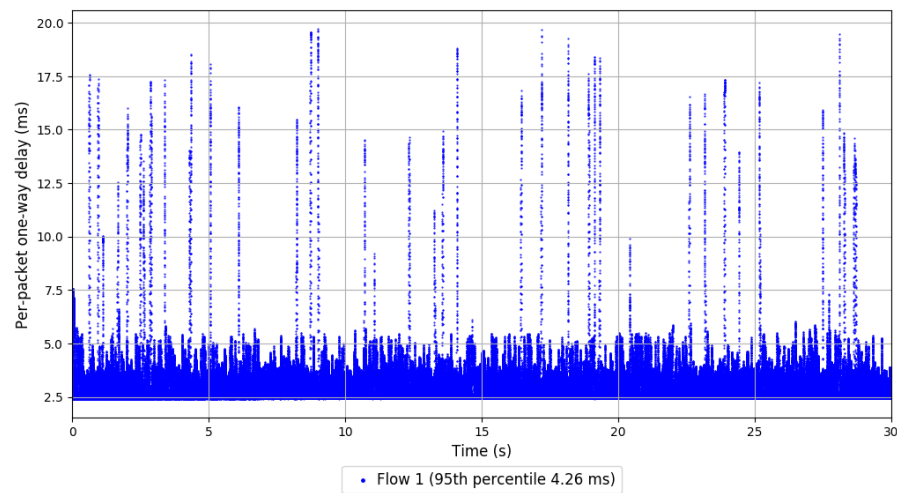
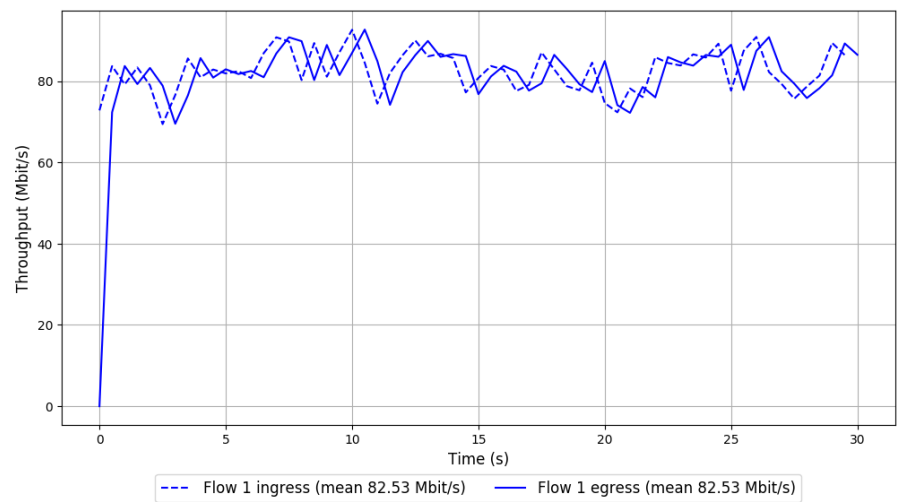


Run 3: Statistics of Copa

Start at: 2018-07-04 03:35:48
End at: 2018-07-04 03:36:18
Local clock offset: -2.604 ms
Remote clock offset: -2.51 ms

Below is generated by plot.py at 2018-07-04 06:05:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.53 Mbit/s
95th percentile per-packet one-way delay: 4.261 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 82.53 Mbit/s
95th percentile per-packet one-way delay: 4.261 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

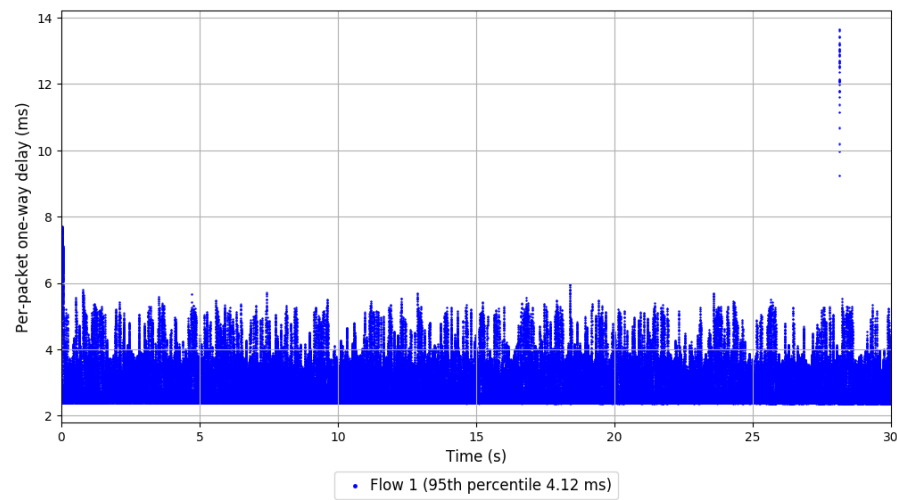
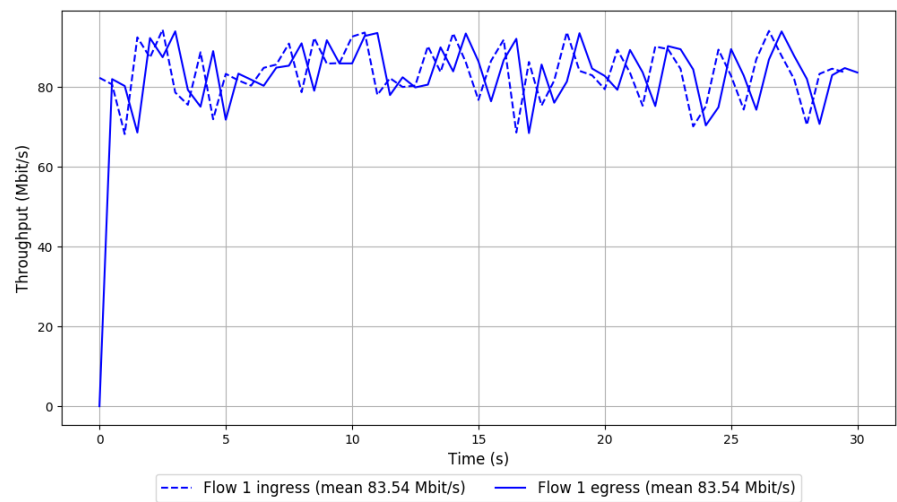


Run 4: Statistics of Copa

Start at: 2018-07-04 03:54:48
End at: 2018-07-04 03:55:18
Local clock offset: -2.695 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2018-07-04 06:05:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 4.124 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 4.124 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

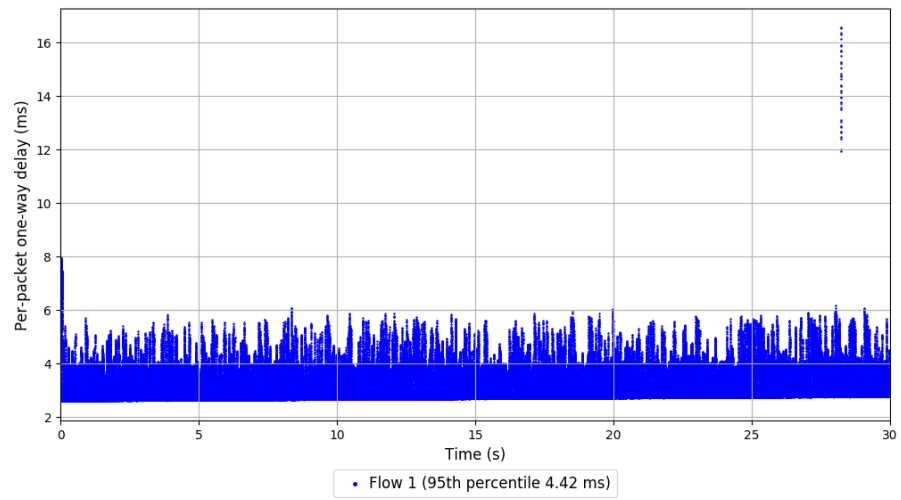
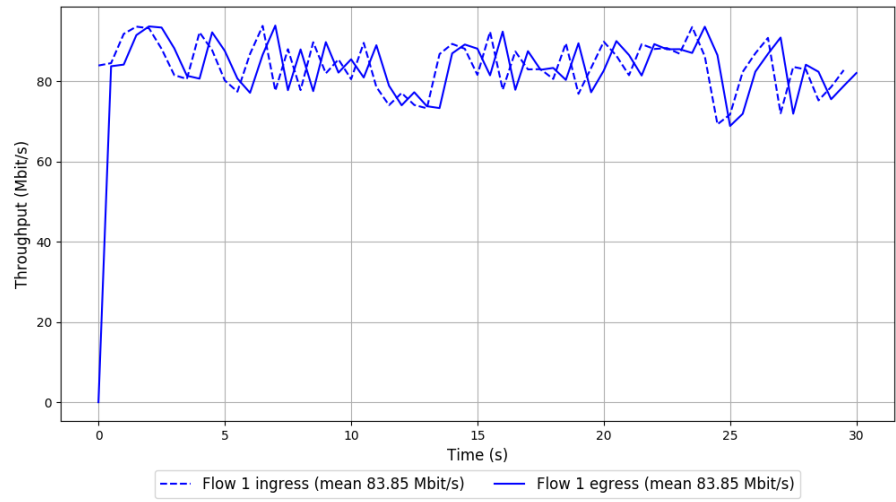


Run 5: Statistics of Copa

Start at: 2018-07-04 04:13:51
End at: 2018-07-04 04:14:21
Local clock offset: -4.257 ms
Remote clock offset: -3.162 ms

Below is generated by plot.py at 2018-07-04 06:05:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 4.418 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 4.418 ms
Loss rate: 0.02%

Run 5: Report of Copa — Data Link

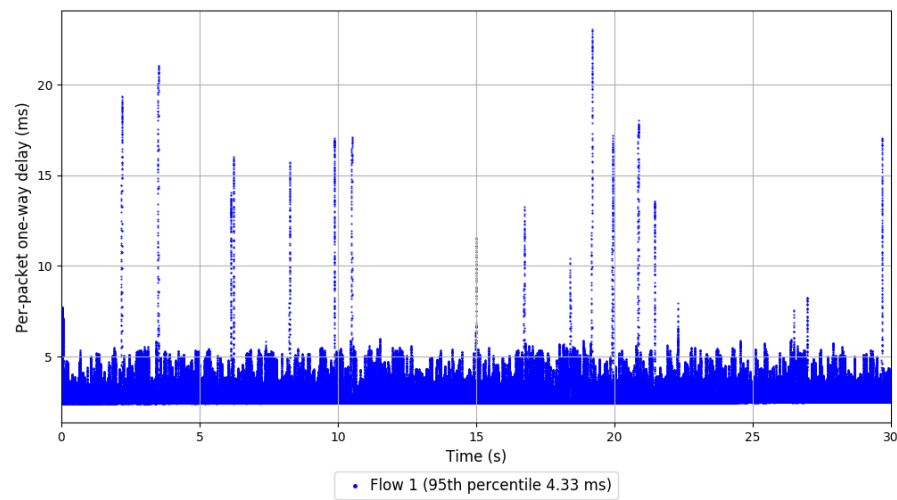
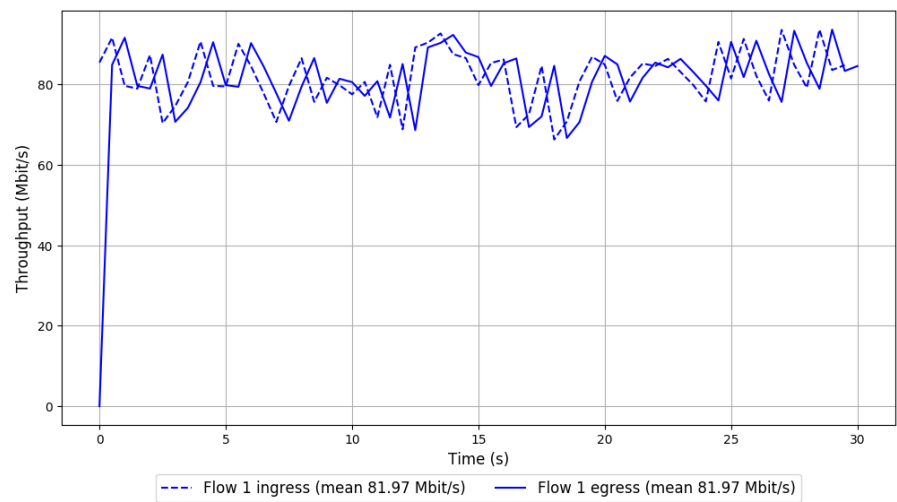


Run 6: Statistics of Copa

Start at: 2018-07-04 04:32:53
End at: 2018-07-04 04:33:23
Local clock offset: -7.713 ms
Remote clock offset: -1.866 ms

Below is generated by plot.py at 2018-07-04 06:05:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.97 Mbit/s
95th percentile per-packet one-way delay: 4.327 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 81.97 Mbit/s
95th percentile per-packet one-way delay: 4.327 ms
Loss rate: 0.02%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-04 04:51:54

End at: 2018-07-04 04:52:24

Local clock offset: -3.217 ms

Remote clock offset: -1.26 ms

Below is generated by plot.py at 2018-07-04 06:06:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.19 Mbit/s

95th percentile per-packet one-way delay: 4.082 ms

Loss rate: 0.01%

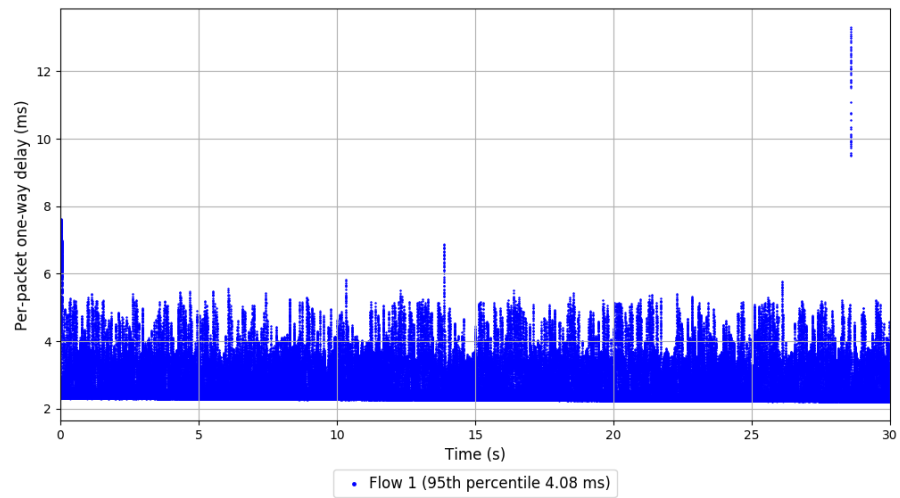
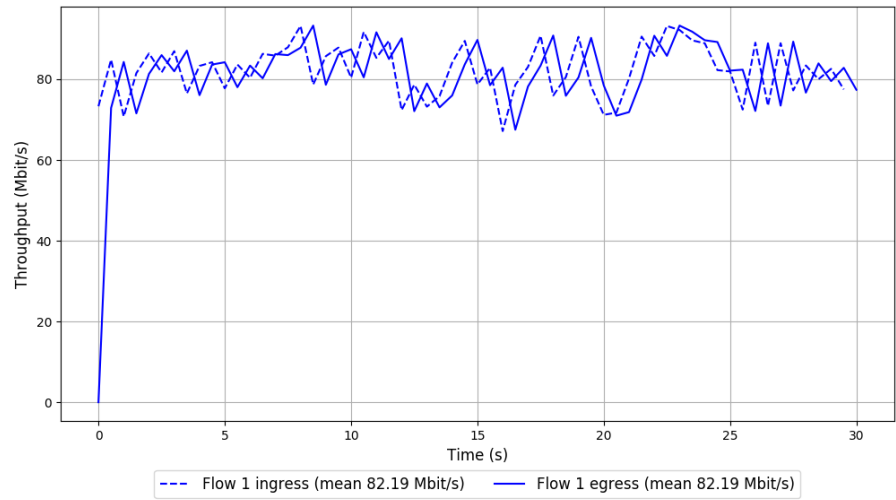
-- Flow 1:

Average throughput: 82.19 Mbit/s

95th percentile per-packet one-way delay: 4.082 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link

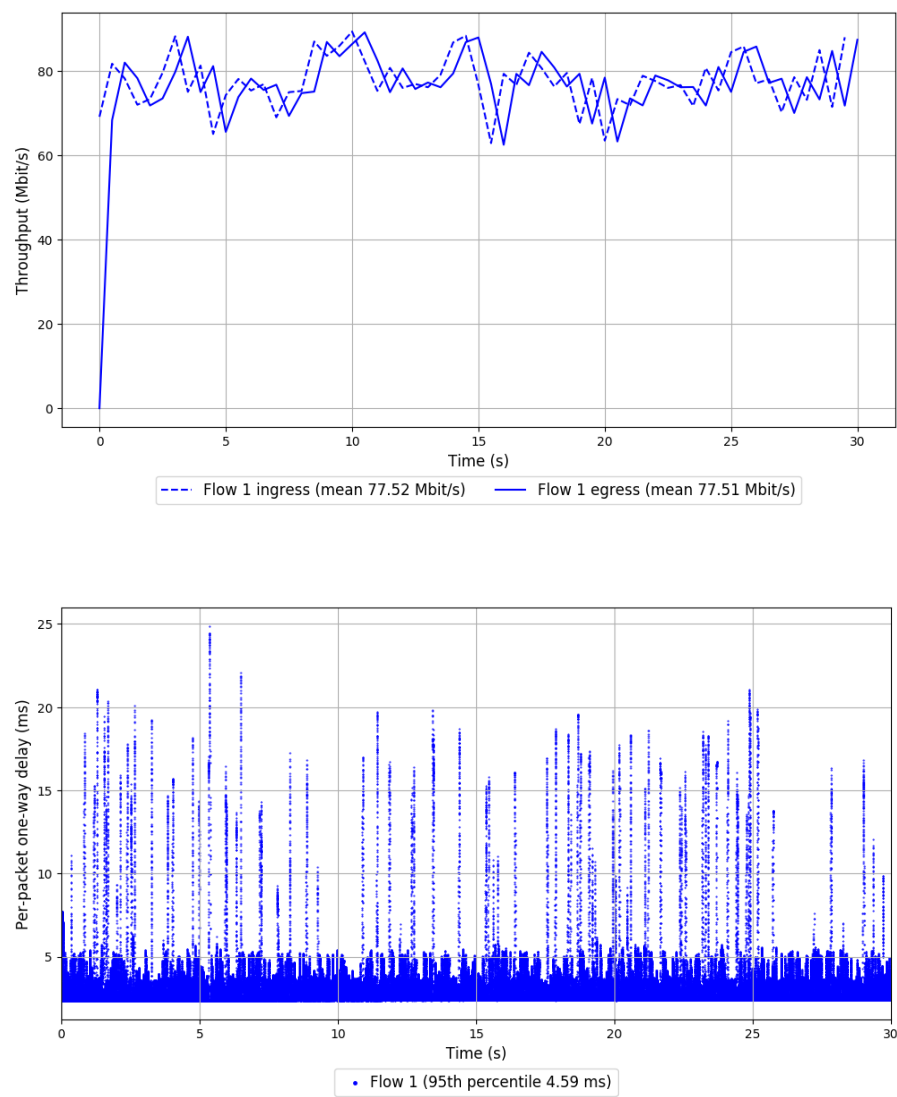


Run 8: Statistics of Copa

Start at: 2018-07-04 05:10:55
End at: 2018-07-04 05:11:25
Local clock offset: -1.203 ms
Remote clock offset: -2.371 ms

Below is generated by plot.py at 2018-07-04 06:06:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 4.586 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 4.586 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

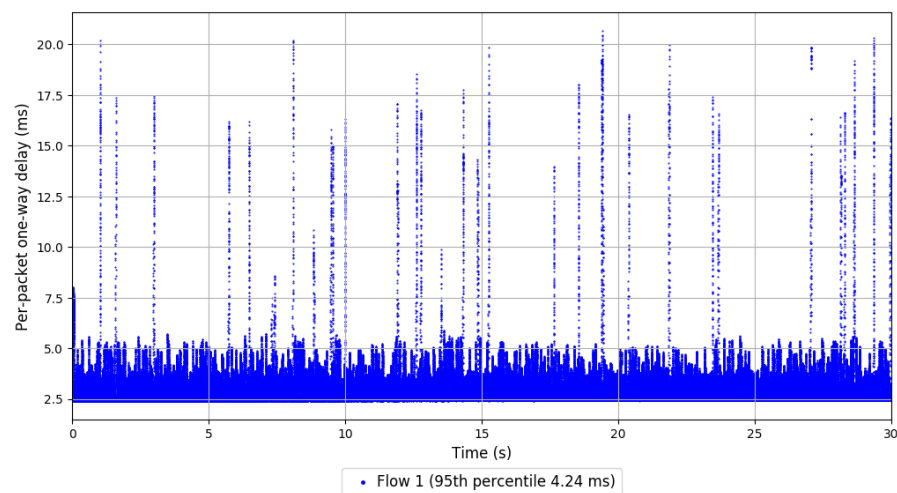
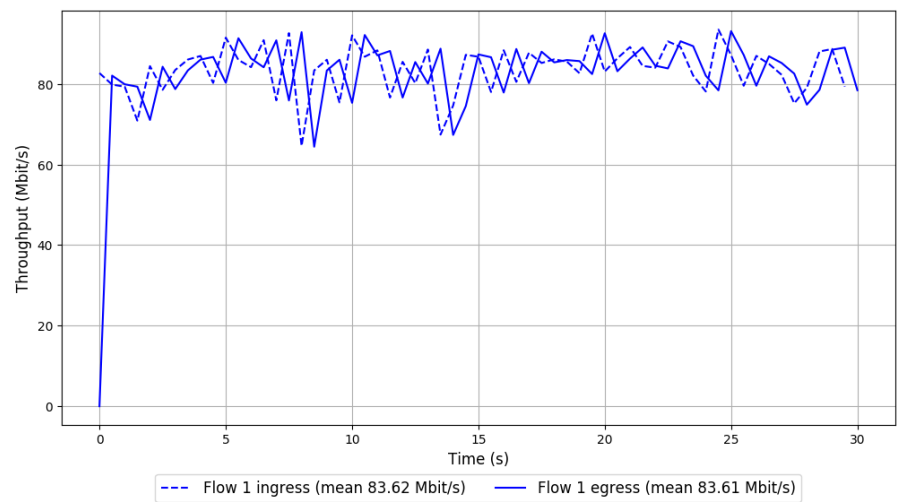


Run 9: Statistics of Copa

Start at: 2018-07-04 05:29:55
End at: 2018-07-04 05:30:25
Local clock offset: -2.092 ms
Remote clock offset: -2.792 ms

Below is generated by plot.py at 2018-07-04 06:07:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 4.240 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 4.240 ms
Loss rate: 0.02%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-07-04 05:48:53

End at: 2018-07-04 05:49:23

Local clock offset: -2.34 ms

Remote clock offset: -2.011 ms

Below is generated by plot.py at 2018-07-04 06:07:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 4.667 ms

Loss rate: 0.02%

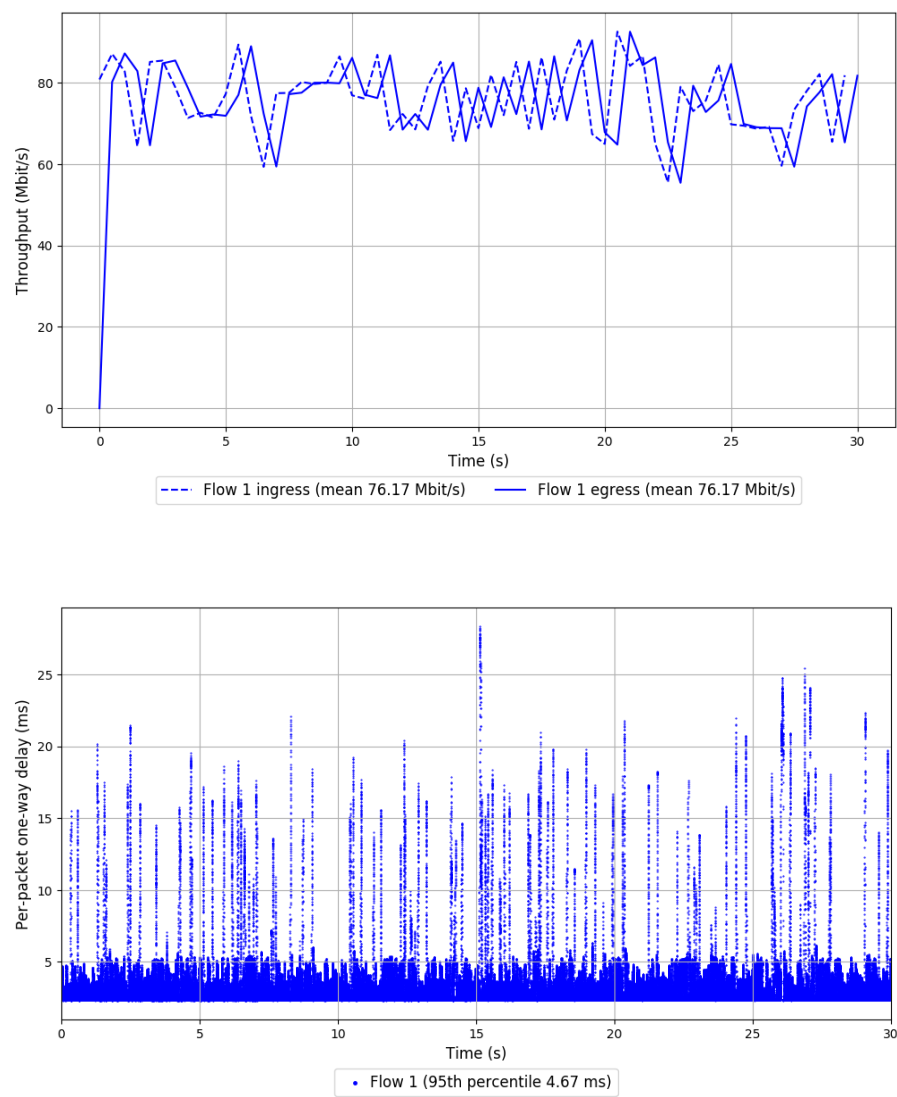
-- Flow 1:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 4.667 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link

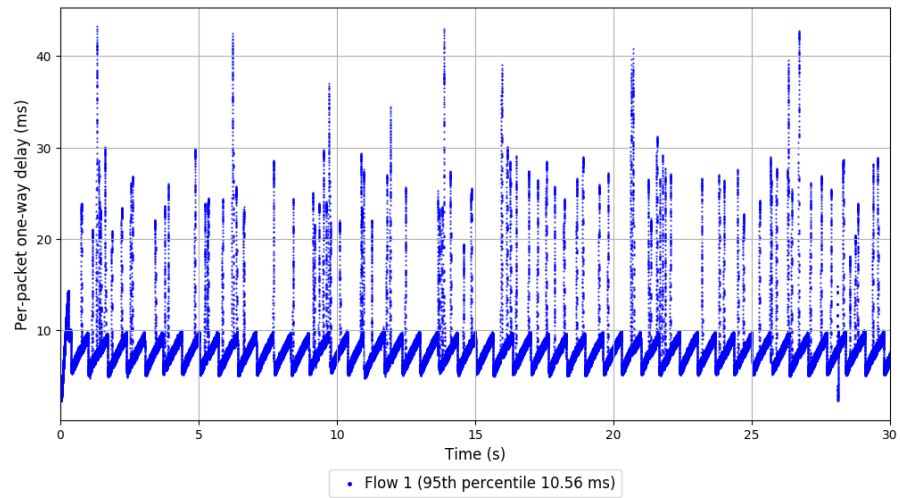
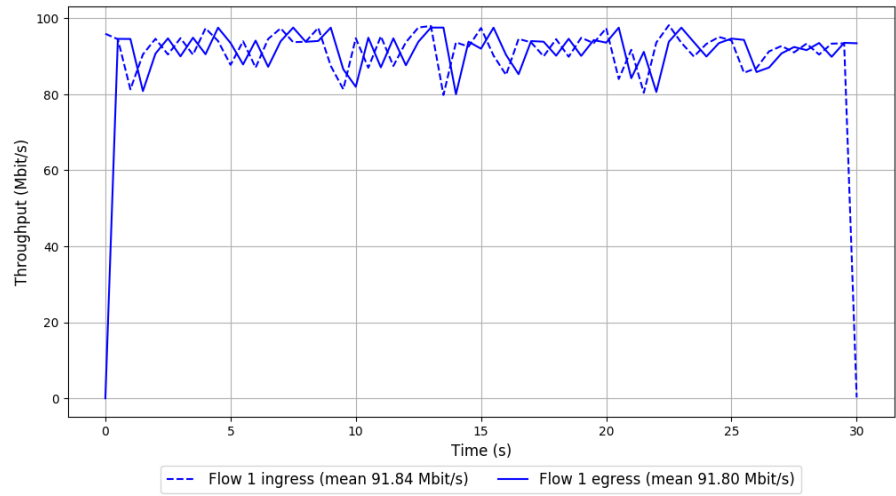


Run 1: Statistics of TCP Cubic

Start at: 2018-07-04 03:01:15
End at: 2018-07-04 03:01:45
Local clock offset: -2.616 ms
Remote clock offset: -7.839 ms

Below is generated by plot.py at 2018-07-04 06:07:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 10.565 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 10.565 ms
Loss rate: 0.05%

Run 1: Report of TCP Cubic — Data Link

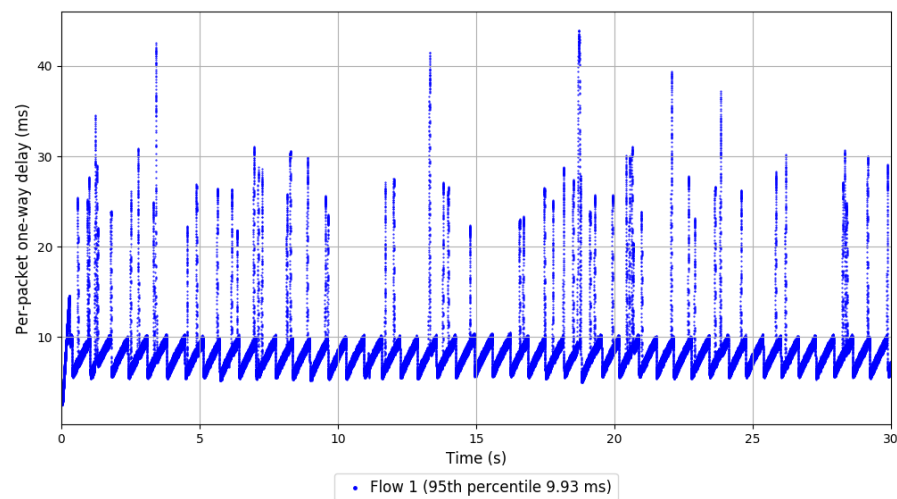
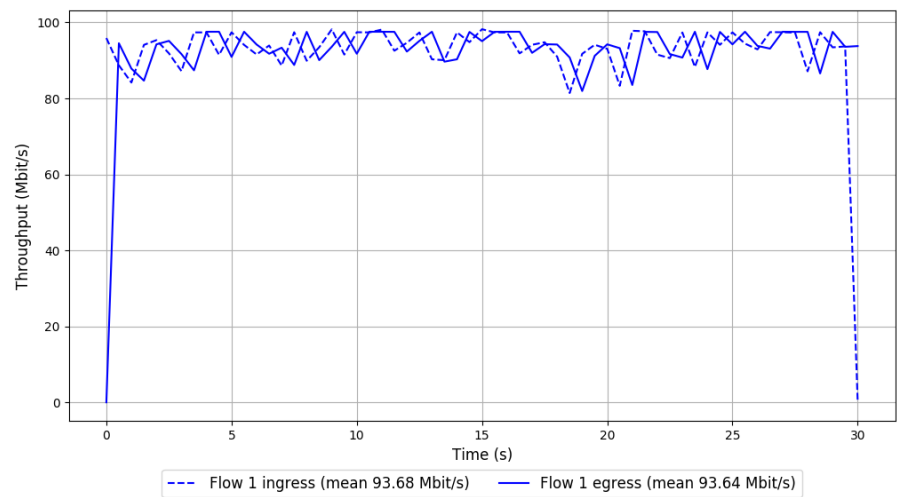


Run 2: Statistics of TCP Cubic

Start at: 2018-07-04 03:20:15
End at: 2018-07-04 03:20:45
Local clock offset: -2.663 ms
Remote clock offset: -5.385 ms

Below is generated by plot.py at 2018-07-04 06:07:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 9.930 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 9.930 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-07-04 03:39:12

End at: 2018-07-04 03:39:42

Local clock offset: -2.664 ms

Remote clock offset: -2.24 ms

Below is generated by plot.py at 2018-07-04 06:07:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 9.448 ms

Loss rate: 0.05%

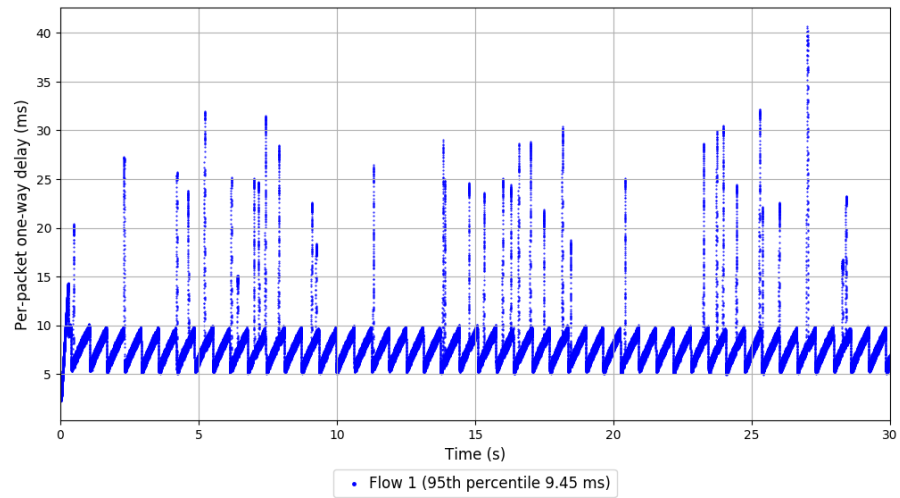
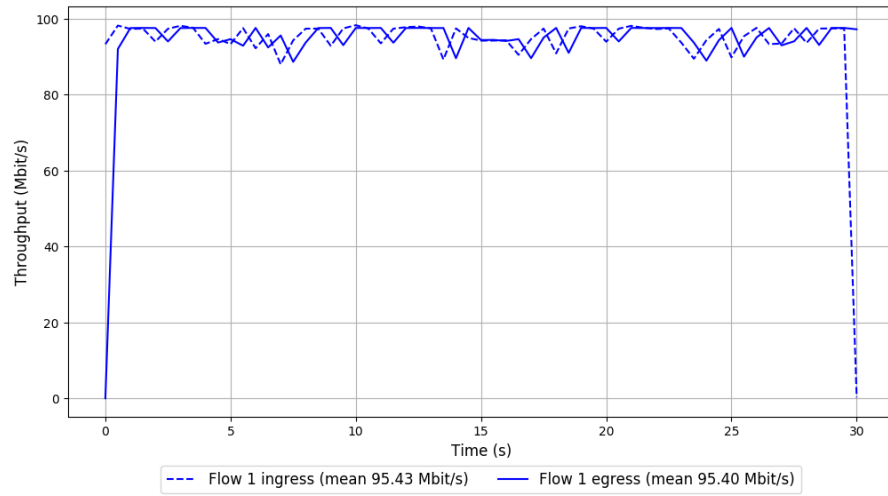
-- Flow 1:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 9.448 ms

Loss rate: 0.05%

Run 3: Report of TCP Cubic — Data Link

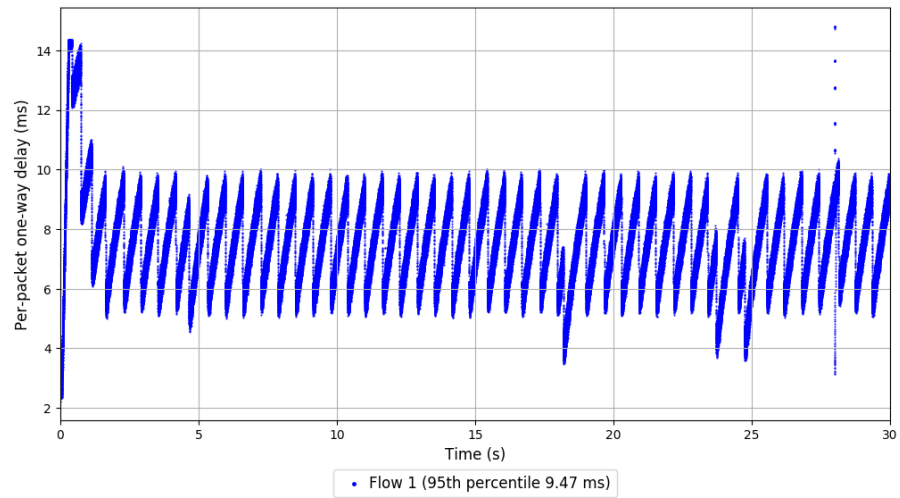
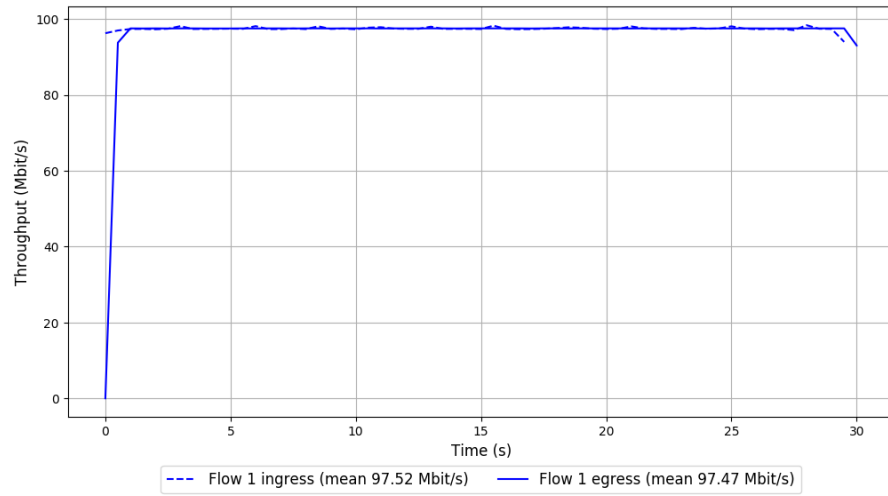


Run 4: Statistics of TCP Cubic

Start at: 2018-07-04 03:58:13
End at: 2018-07-04 03:58:43
Local clock offset: -2.706 ms
Remote clock offset: -2.769 ms

Below is generated by plot.py at 2018-07-04 06:07:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 9.474 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 9.474 ms
Loss rate: 0.06%

Run 4: Report of TCP Cubic — Data Link

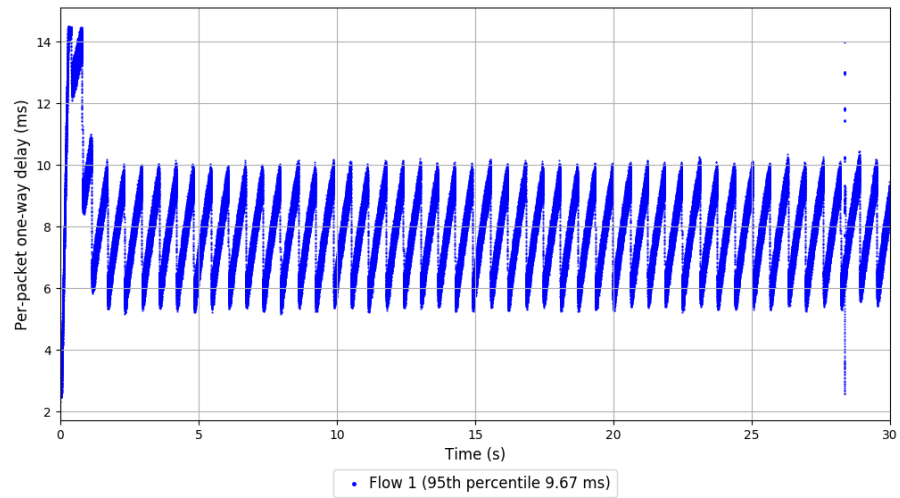
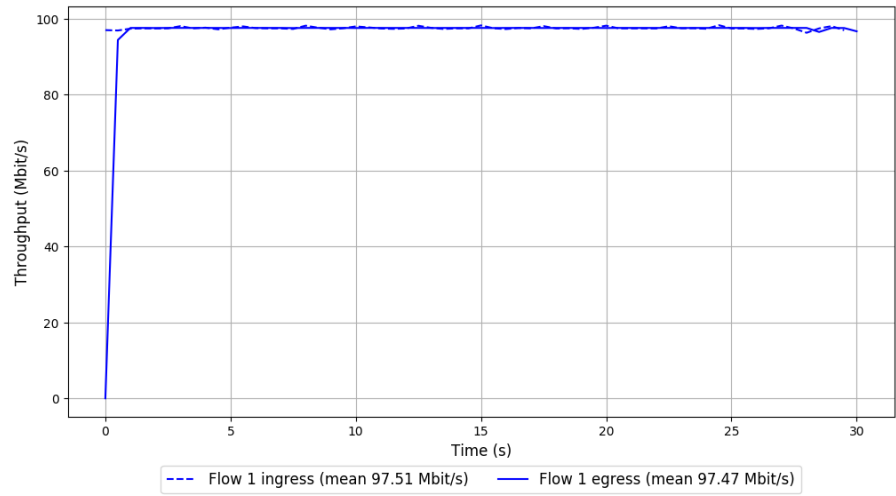


Run 5: Statistics of TCP Cubic

Start at: 2018-07-04 04:17:16
End at: 2018-07-04 04:17:46
Local clock offset: -5.373 ms
Remote clock offset: -3.135 ms

Below is generated by plot.py at 2018-07-04 06:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 9.672 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 9.672 ms
Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link

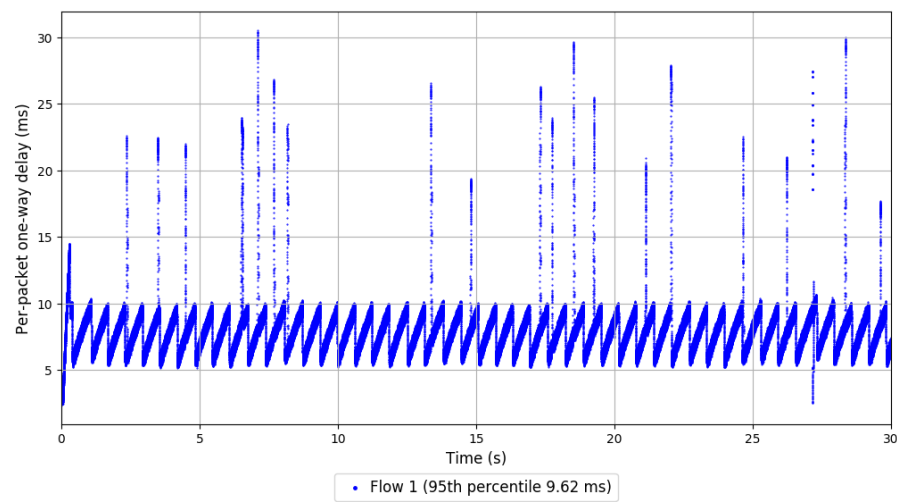
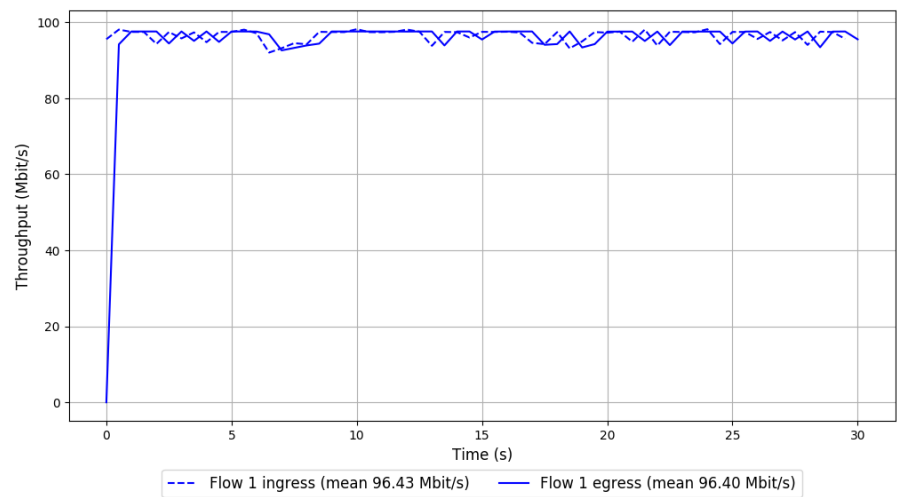


Run 6: Statistics of TCP Cubic

Start at: 2018-07-04 04:36:18
End at: 2018-07-04 04:36:48
Local clock offset: -8.017 ms
Remote clock offset: -1.749 ms

Below is generated by plot.py at 2018-07-04 06:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 9.618 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 9.618 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

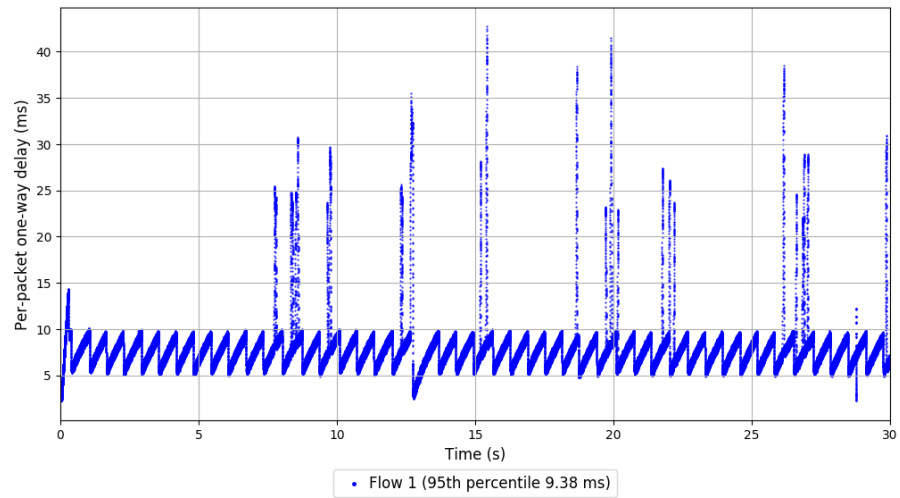
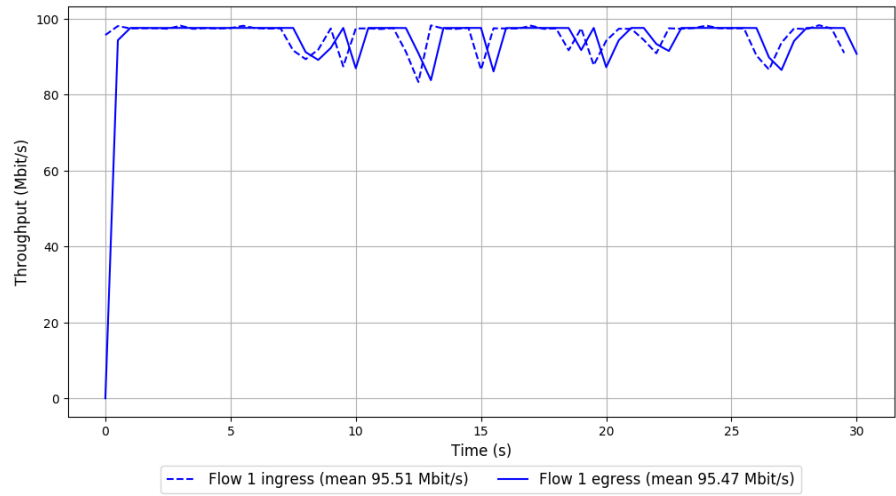


Run 7: Statistics of TCP Cubic

Start at: 2018-07-04 04:55:19
End at: 2018-07-04 04:55:49
Local clock offset: -2.575 ms
Remote clock offset: -1.168 ms

Below is generated by plot.py at 2018-07-04 06:07:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 9.377 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 9.377 ms
Loss rate: 0.05%

Run 7: Report of TCP Cubic — Data Link

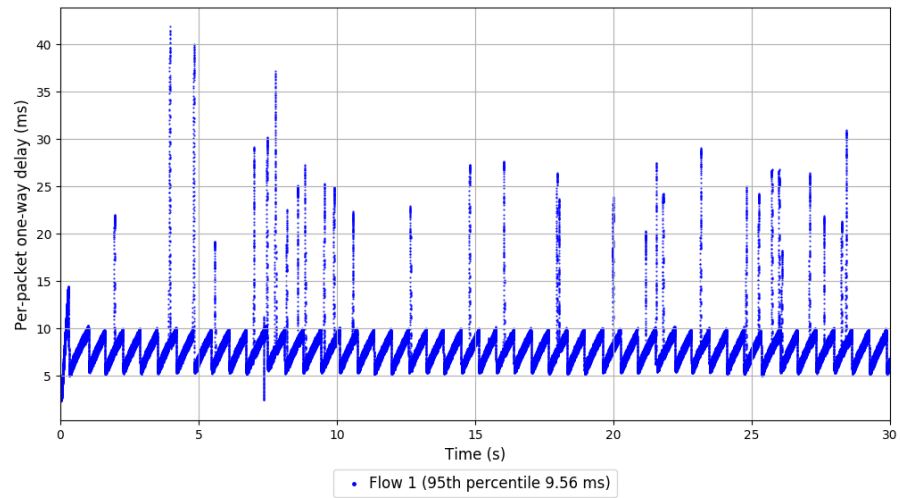
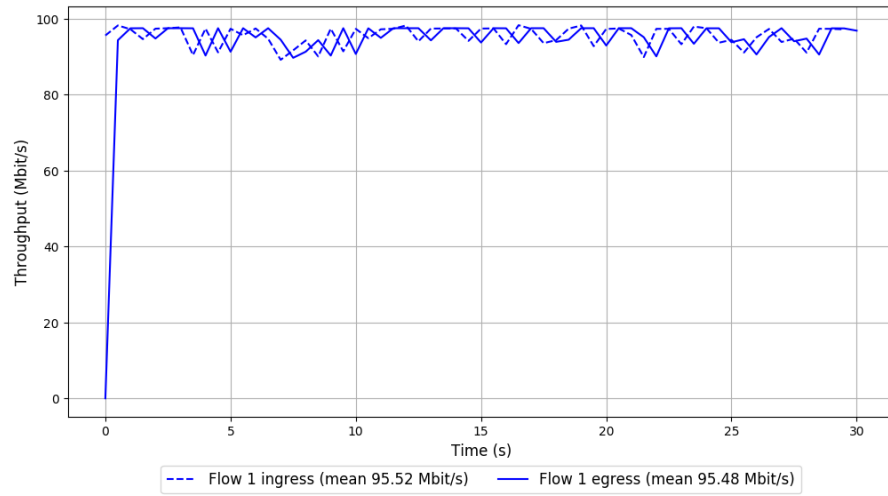


Run 8: Statistics of TCP Cubic

Start at: 2018-07-04 05:14:19
End at: 2018-07-04 05:14:49
Local clock offset: -1.588 ms
Remote clock offset: -2.532 ms

Below is generated by plot.py at 2018-07-04 06:07:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 9.557 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 9.557 ms
Loss rate: 0.05%

Run 8: Report of TCP Cubic — Data Link

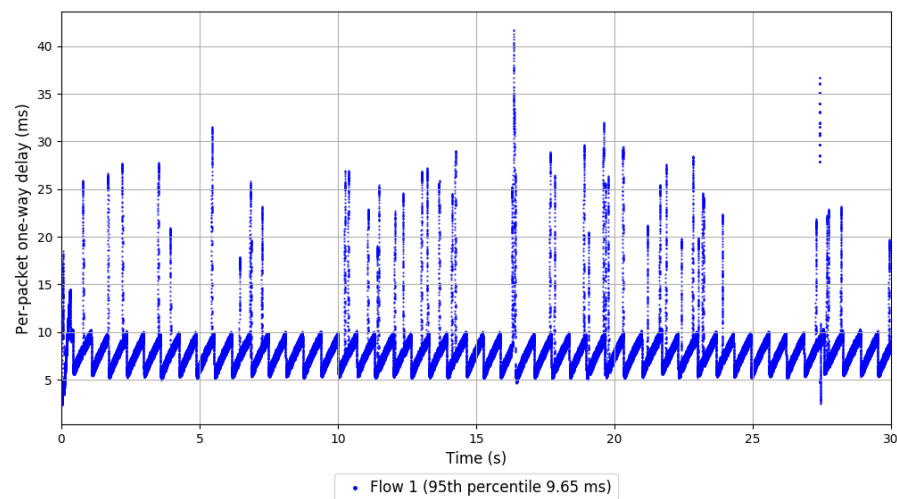
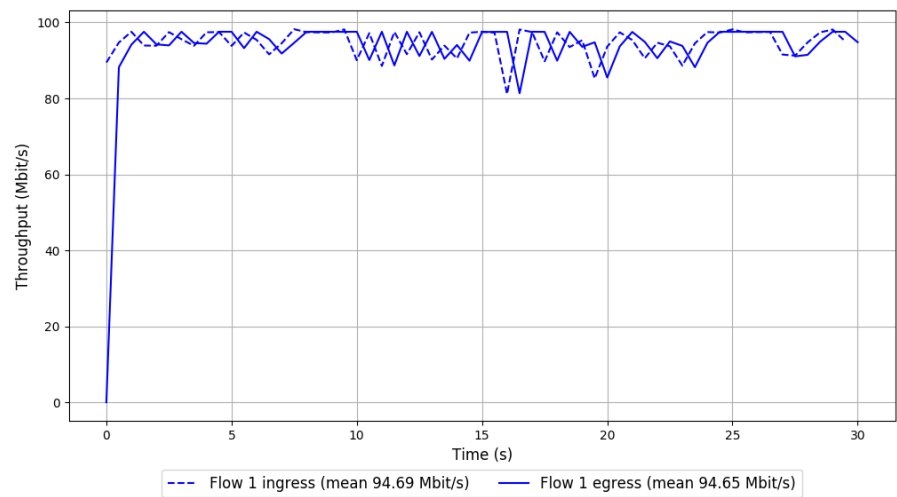


Run 9: Statistics of TCP Cubic

Start at: 2018-07-04 05:33:20
End at: 2018-07-04 05:33:50
Local clock offset: -2.082 ms
Remote clock offset: -2.541 ms

Below is generated by plot.py at 2018-07-04 06:07:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 9.648 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 9.648 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-04 05:52:17

End at: 2018-07-04 05:52:47

Local clock offset: -2.401 ms

Remote clock offset: -2.004 ms

Below is generated by plot.py at 2018-07-04 06:08:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.73 Mbit/s

95th percentile per-packet one-way delay: 9.870 ms

Loss rate: 0.06%

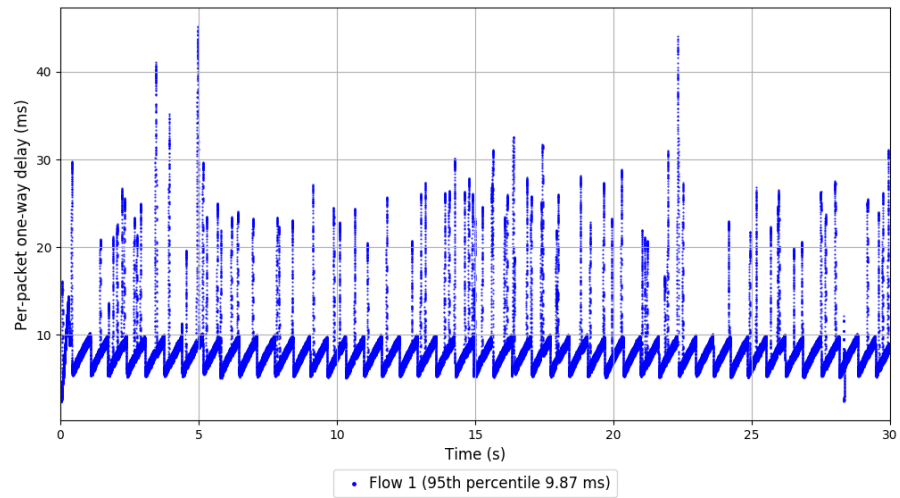
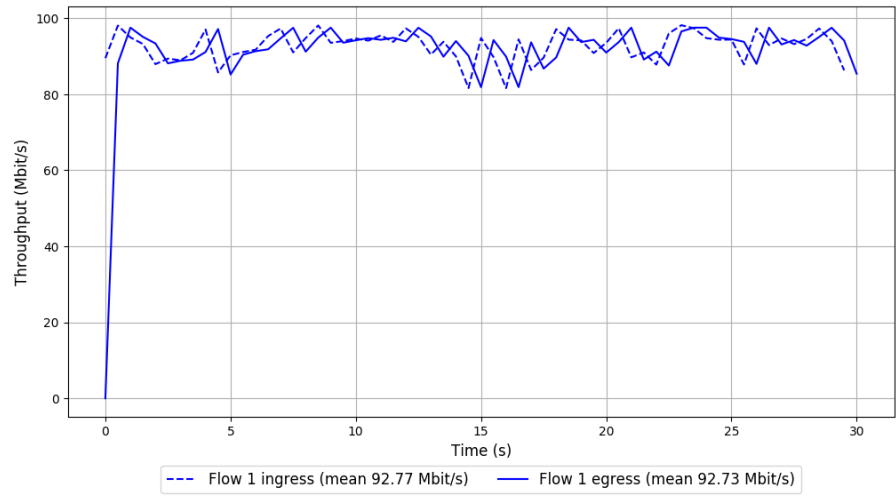
-- Flow 1:

Average throughput: 92.73 Mbit/s

95th percentile per-packet one-way delay: 9.870 ms

Loss rate: 0.06%

Run 10: Report of TCP Cubic — Data Link

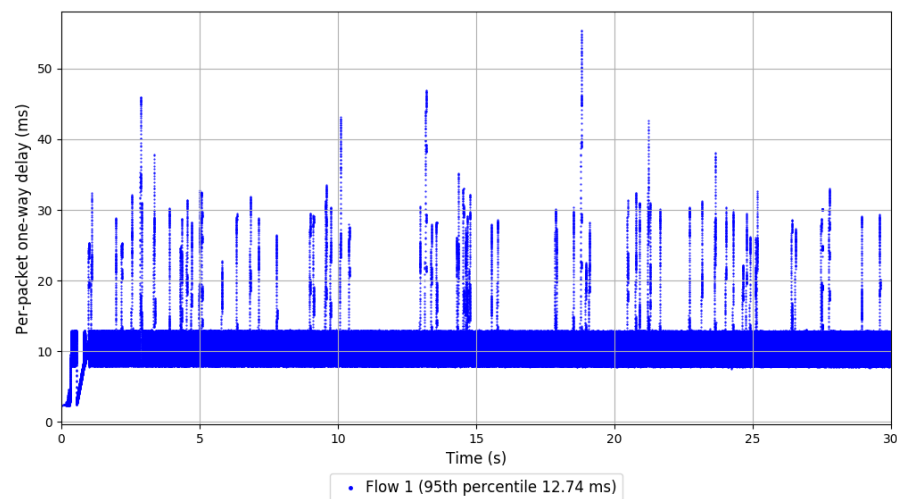
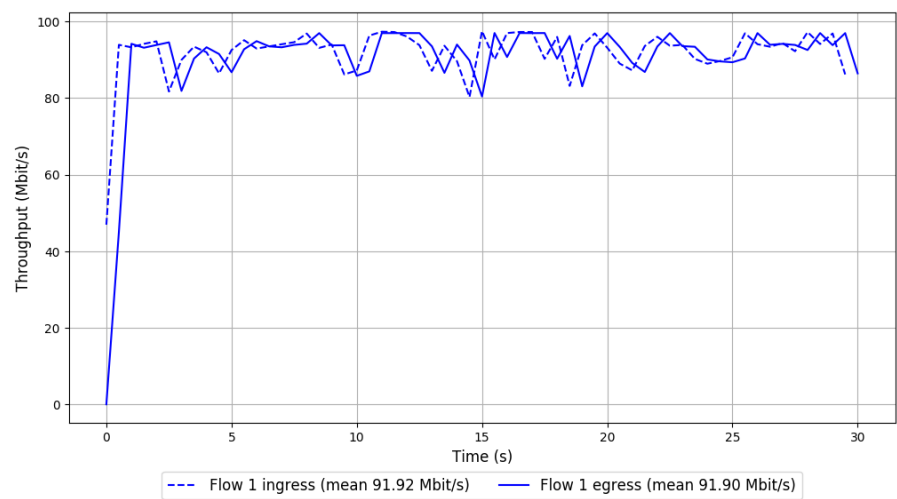


Run 1: Statistics of FillP

Start at: 2018-07-04 03:08:01
End at: 2018-07-04 03:08:31
Local clock offset: -2.656 ms
Remote clock offset: -8.624 ms

Below is generated by plot.py at 2018-07-04 06:08:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 12.744 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 12.744 ms
Loss rate: 0.04%

Run 1: Report of FillP — Data Link

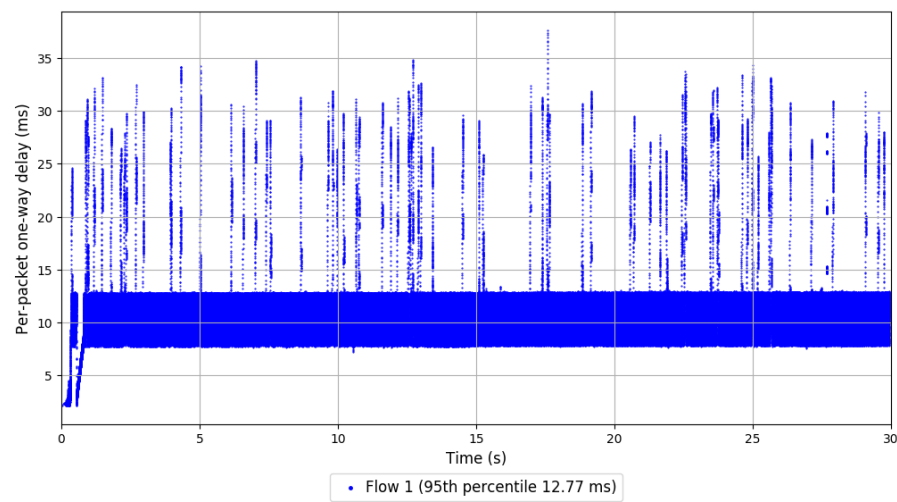
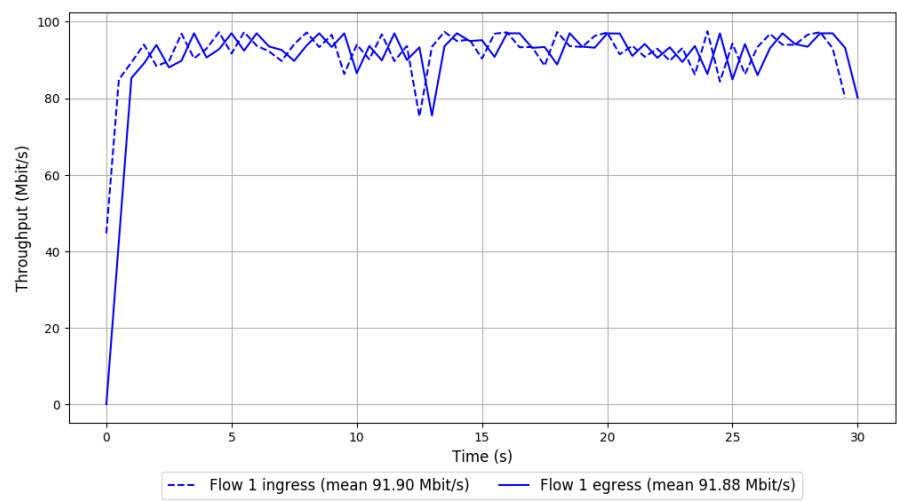


Run 2: Statistics of FillP

Start at: 2018-07-04 03:26:58
End at: 2018-07-04 03:27:28
Local clock offset: -2.633 ms
Remote clock offset: -3.426 ms

Below is generated by plot.py at 2018-07-04 06:08:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 12.770 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 12.770 ms
Loss rate: 0.04%

Run 2: Report of FillP — Data Link

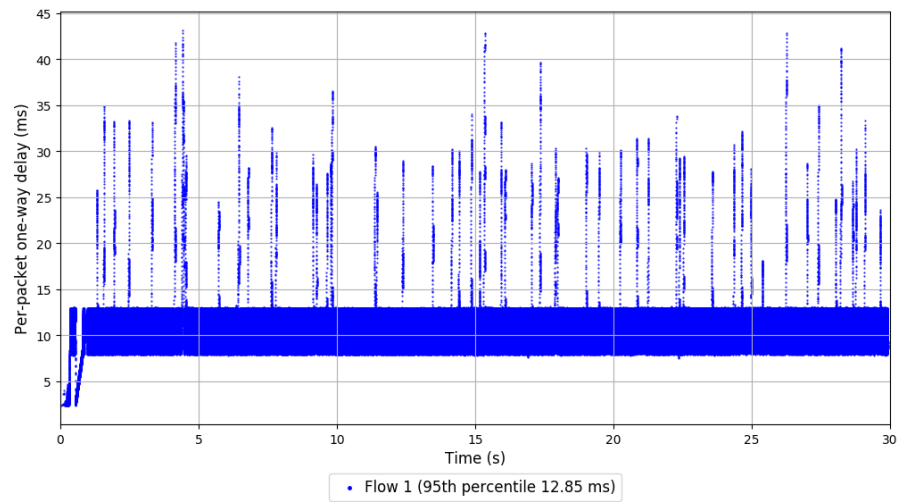
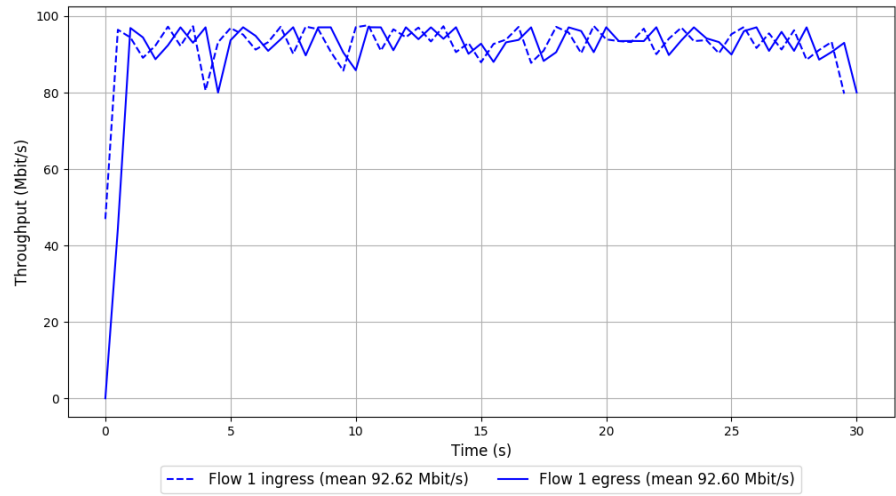


Run 3: Statistics of FillP

Start at: 2018-07-04 03:45:58
End at: 2018-07-04 03:46:28
Local clock offset: -2.648 ms
Remote clock offset: -1.991 ms

Below is generated by plot.py at 2018-07-04 06:09:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 12.850 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 12.850 ms
Loss rate: 0.04%

Run 3: Report of FillP — Data Link

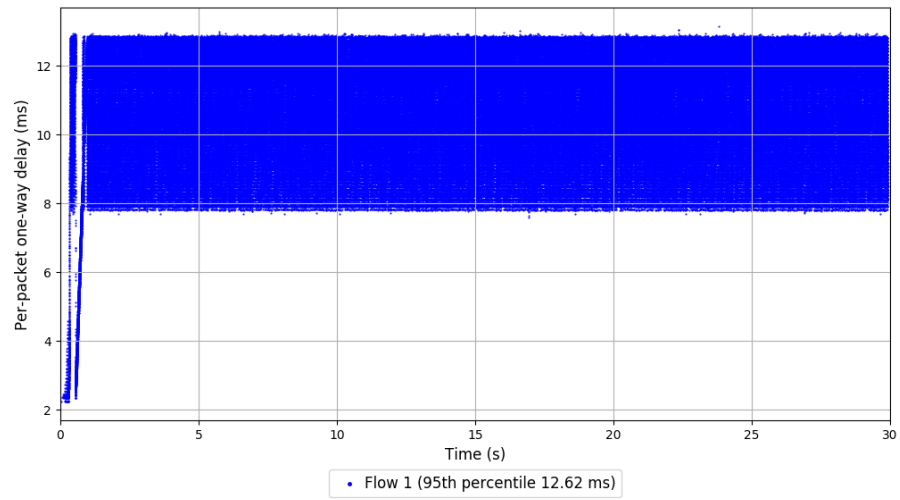
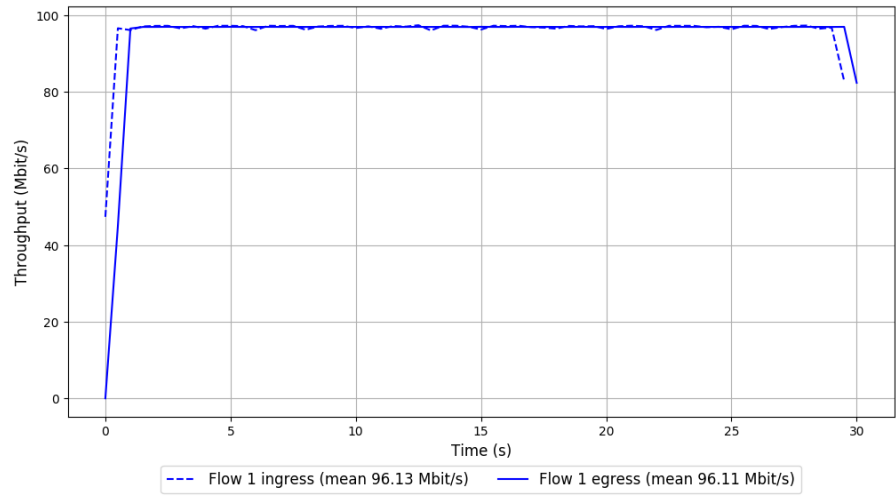


Run 4: Statistics of FillP

Start at: 2018-07-04 04:05:00
End at: 2018-07-04 04:05:30
Local clock offset: -2.727 ms
Remote clock offset: -2.947 ms

Below is generated by plot.py at 2018-07-04 06:09:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 12.620 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 12.620 ms
Loss rate: 0.04%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-04 04:24:03

End at: 2018-07-04 04:24:33

Local clock offset: -6.684 ms

Remote clock offset: -2.78 ms

Below is generated by plot.py at 2018-07-04 06:09:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.881 ms

Loss rate: 0.04%

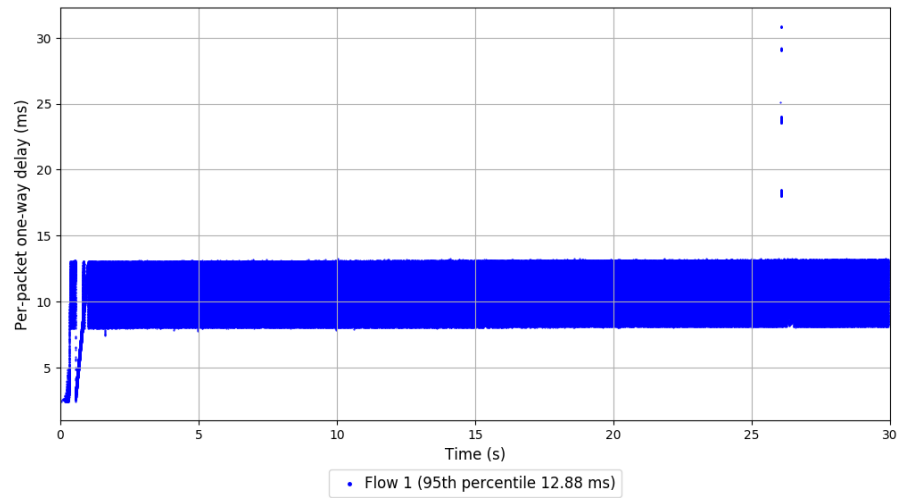
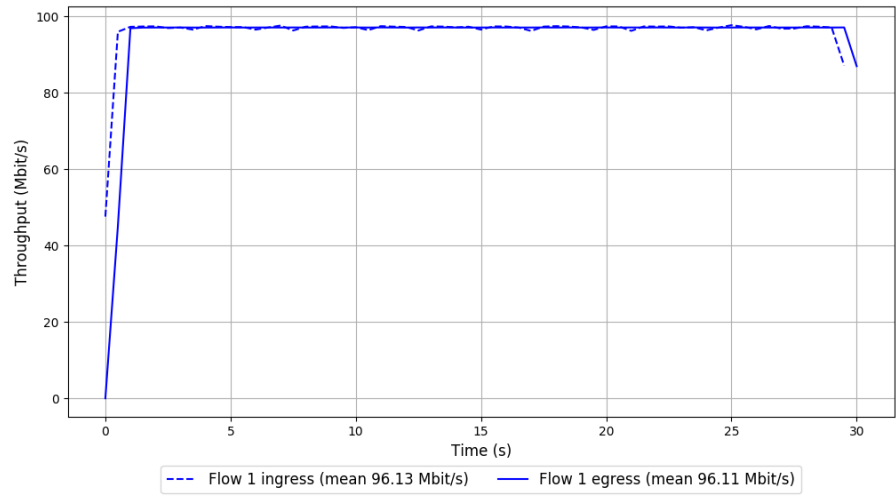
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.881 ms

Loss rate: 0.04%

Run 5: Report of FillP — Data Link

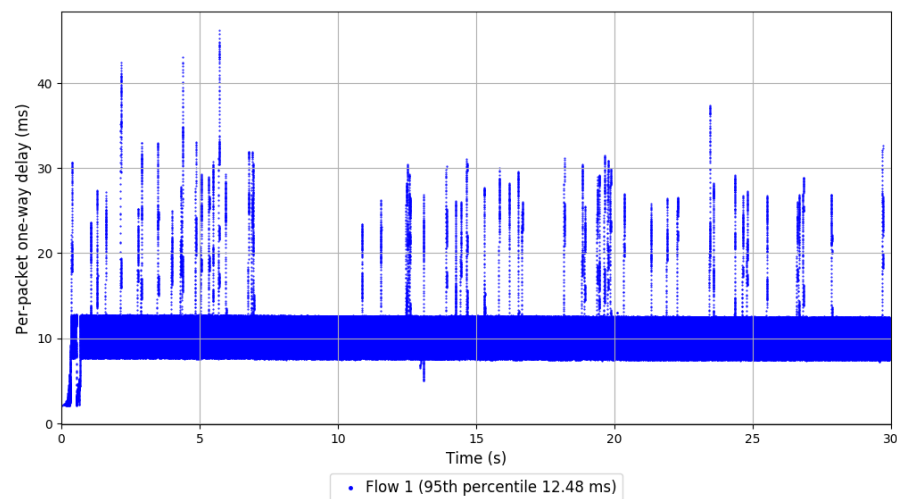
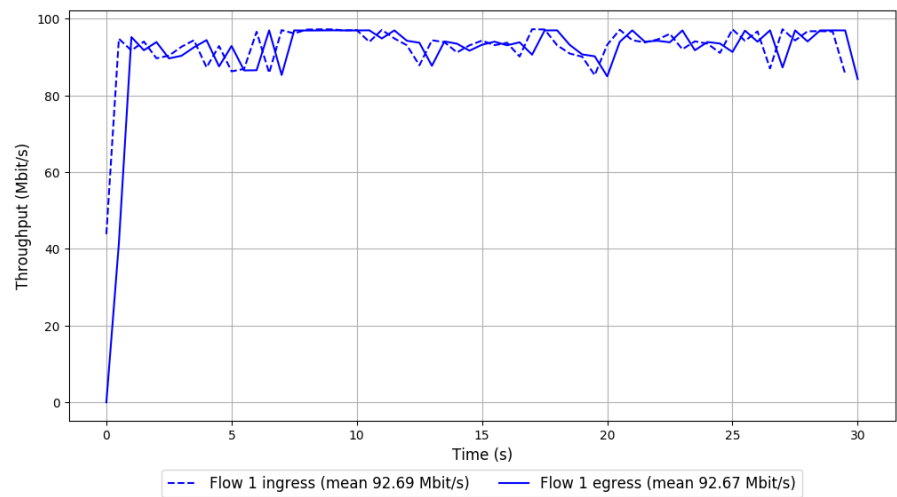


Run 6: Statistics of FillP

Start at: 2018-07-04 04:43:04
End at: 2018-07-04 04:43:34
Local clock offset: -6.475 ms
Remote clock offset: -1.487 ms

Below is generated by plot.py at 2018-07-04 06:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 12.483 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 12.483 ms
Loss rate: 0.05%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-07-04 05:02:05

End at: 2018-07-04 05:02:35

Local clock offset: -1.699 ms

Remote clock offset: -1.94 ms

Below is generated by plot.py at 2018-07-04 06:09:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.61 Mbit/s

95th percentile per-packet one-way delay: 12.680 ms

Loss rate: 0.05%

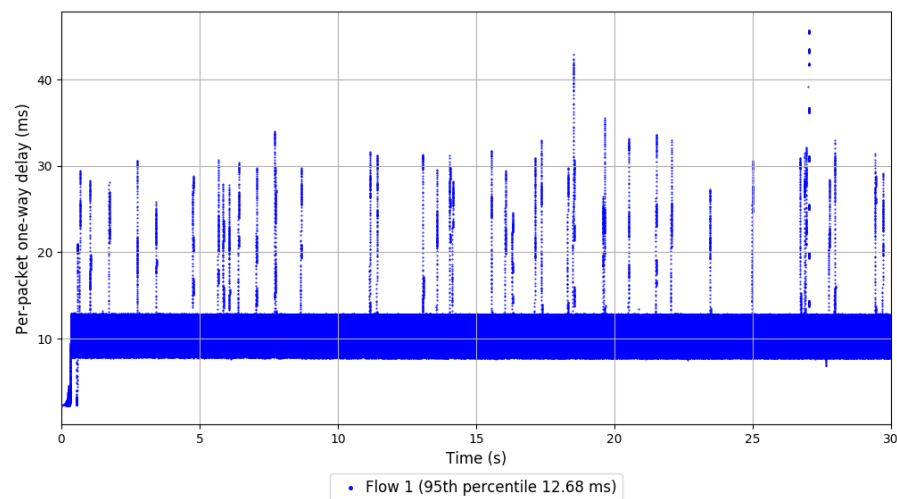
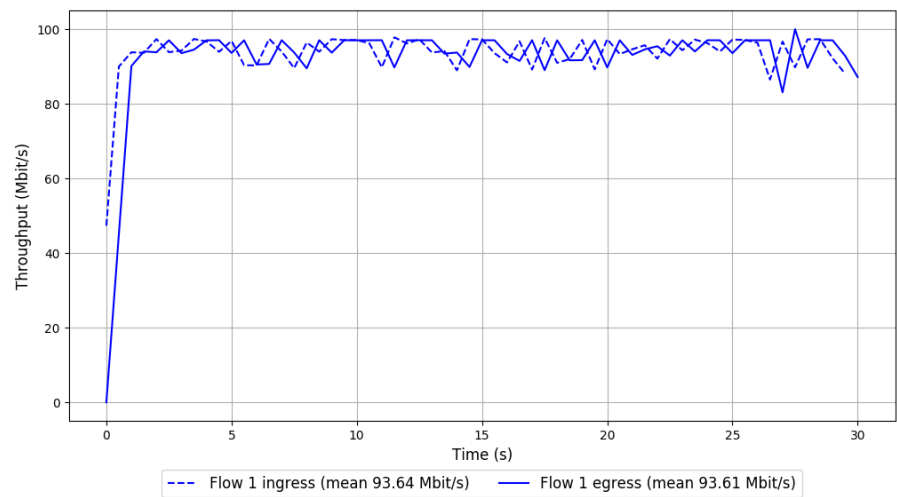
-- Flow 1:

Average throughput: 93.61 Mbit/s

95th percentile per-packet one-way delay: 12.680 ms

Loss rate: 0.05%

Run 7: Report of FillP — Data Link

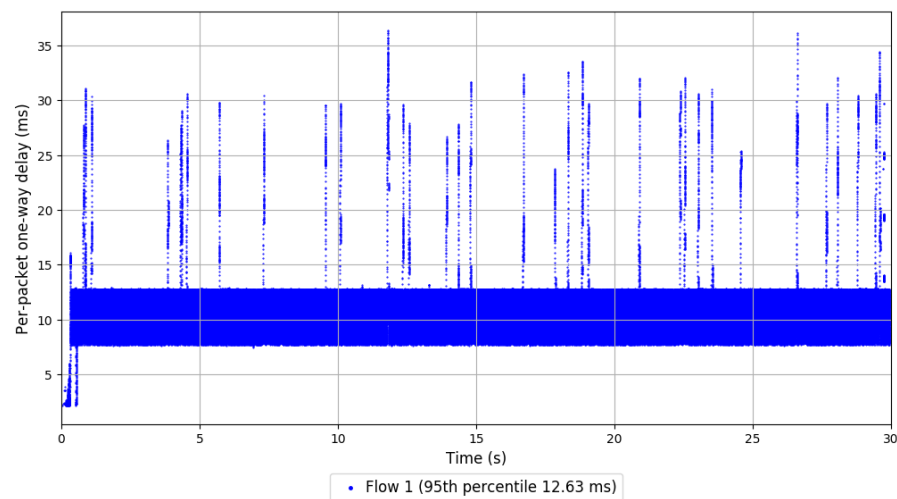
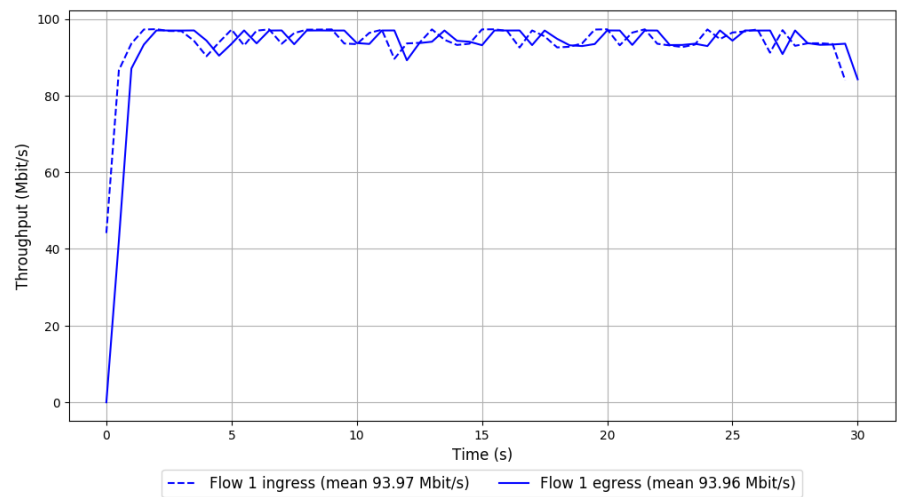


Run 8: Statistics of FillP

Start at: 2018-07-04 05:21:05
End at: 2018-07-04 05:21:35
Local clock offset: -2.044 ms
Remote clock offset: -2.617 ms

Below is generated by plot.py at 2018-07-04 06:09:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 12.626 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 12.626 ms
Loss rate: 0.04%

Run 8: Report of FillP — Data Link

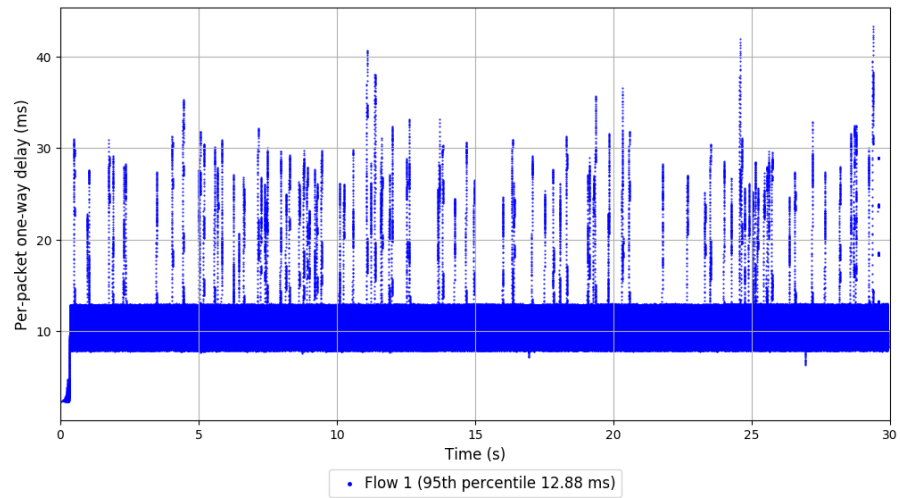
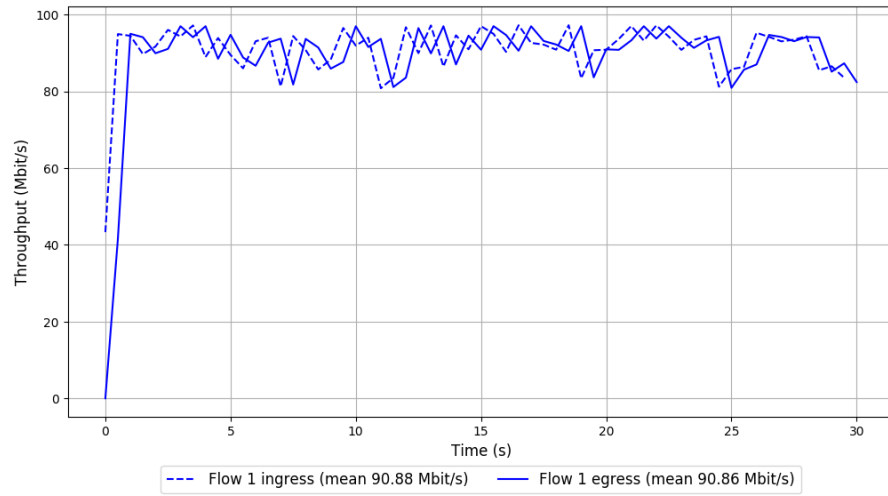


Run 9: Statistics of FillP

Start at: 2018-07-04 05:40:03
End at: 2018-07-04 05:40:33
Local clock offset: -2.03 ms
Remote clock offset: -2.217 ms

Below is generated by plot.py at 2018-07-04 06:09:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 12.882 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 12.882 ms
Loss rate: 0.05%

Run 9: Report of FillP — Data Link

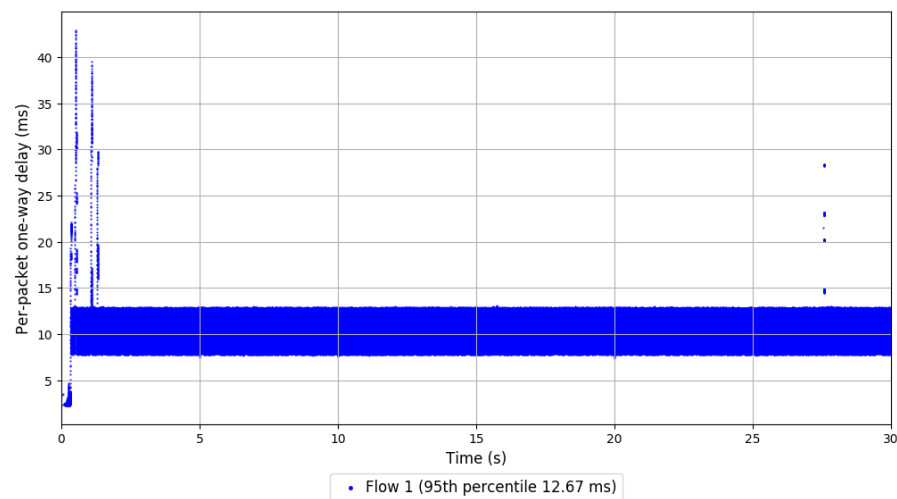
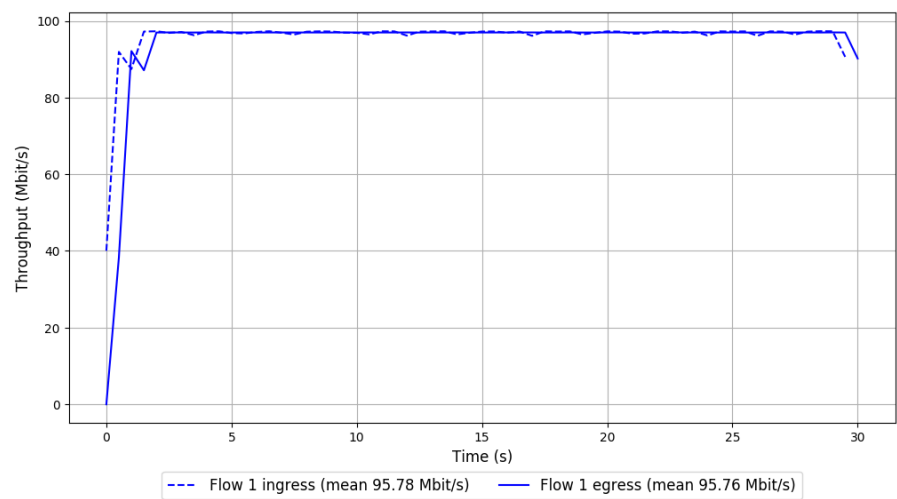


Run 10: Statistics of FillP

Start at: 2018-07-04 05:59:02
End at: 2018-07-04 05:59:32
Local clock offset: -2.432 ms
Remote clock offset: -1.971 ms

Below is generated by plot.py at 2018-07-04 06:10:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 12.666 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 12.666 ms
Loss rate: 0.05%

Run 10: Report of FillP — Data Link

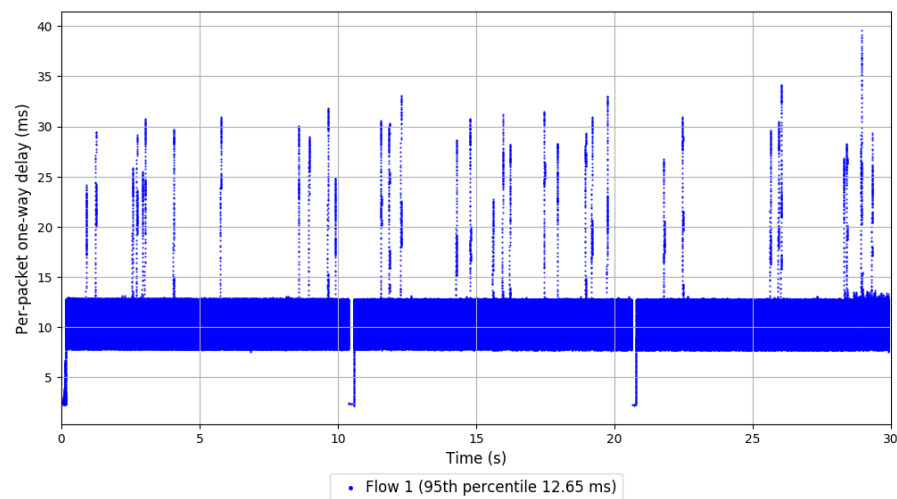
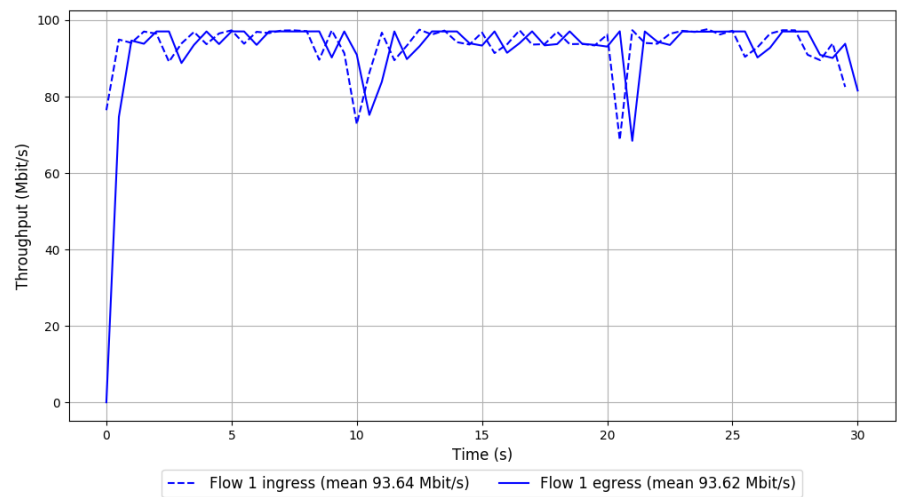


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-04 02:50:08
End at: 2018-07-04 02:50:38
Local clock offset: -2.241 ms
Remote clock offset: -5.613 ms

Below is generated by plot.py at 2018-07-04 06:10:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 12.648 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 12.648 ms
Loss rate: 0.05%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-04 03:09:08

End at: 2018-07-04 03:09:38

Local clock offset: -2.718 ms

Remote clock offset: -8.734 ms

Below is generated by plot.py at 2018-07-04 06:10:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.22 Mbit/s

95th percentile per-packet one-way delay: 12.685 ms

Loss rate: 0.04%

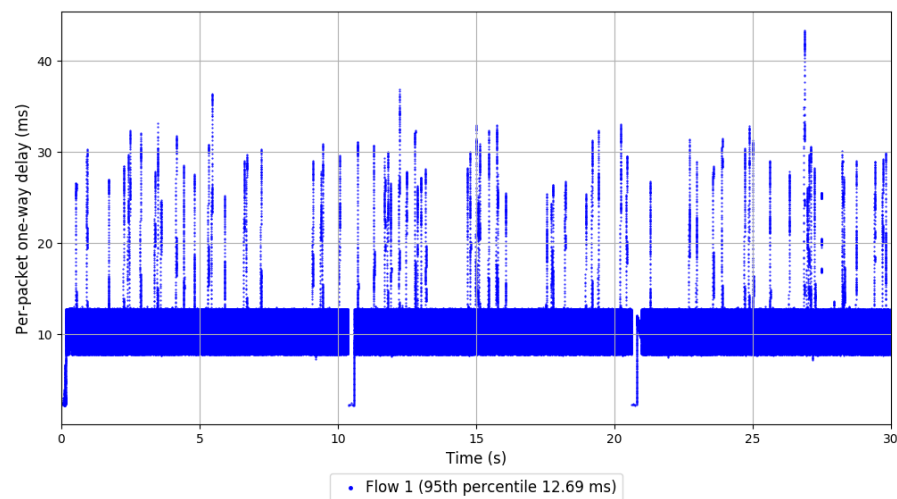
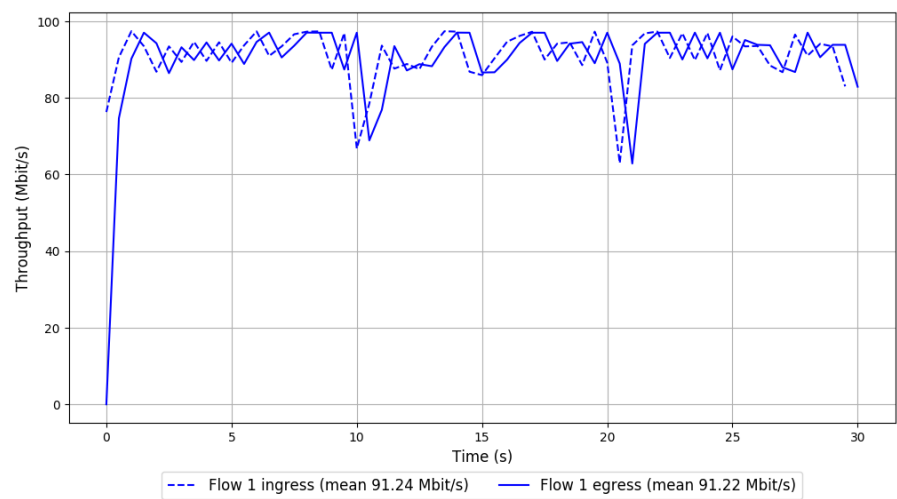
-- Flow 1:

Average throughput: 91.22 Mbit/s

95th percentile per-packet one-way delay: 12.685 ms

Loss rate: 0.04%

Run 2: Report of FillP-Sheep — Data Link

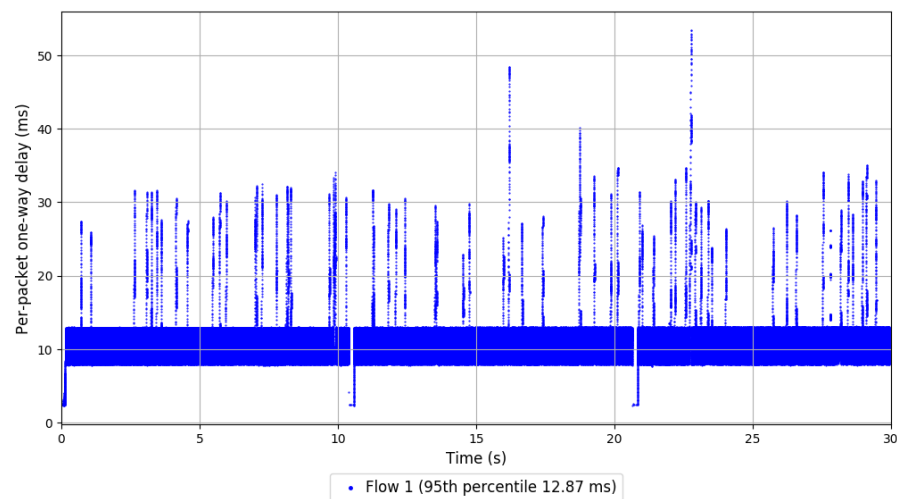
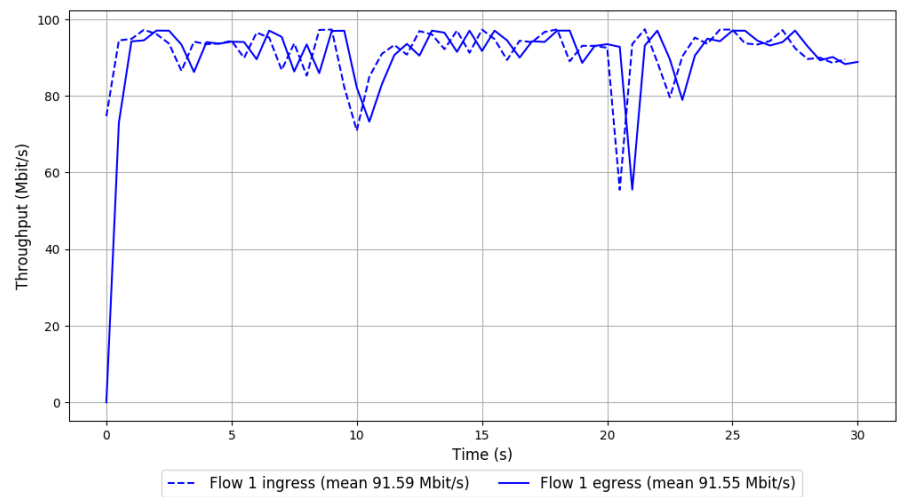


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-04 03:28:05
End at: 2018-07-04 03:28:35
Local clock offset: -2.614 ms
Remote clock offset: -3.351 ms

Below is generated by plot.py at 2018-07-04 06:10:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 12.867 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 12.867 ms
Loss rate: 0.05%

Run 3: Report of FillP-Sheep — Data Link

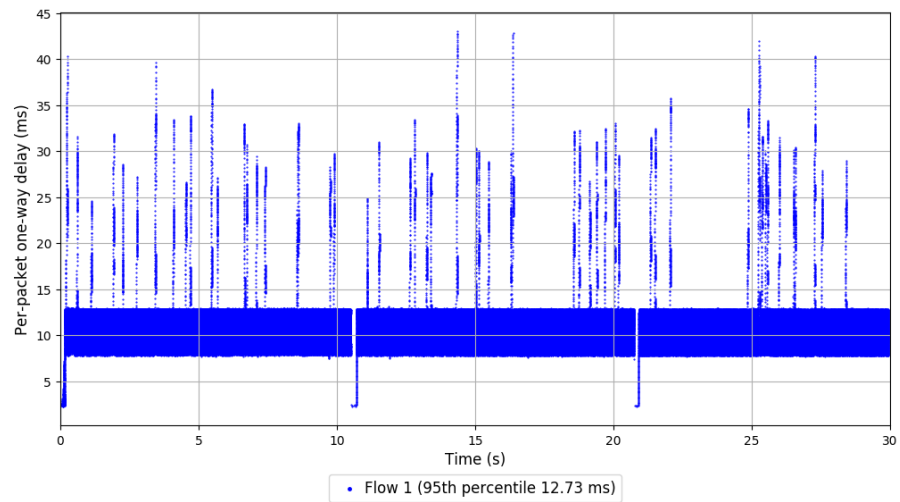
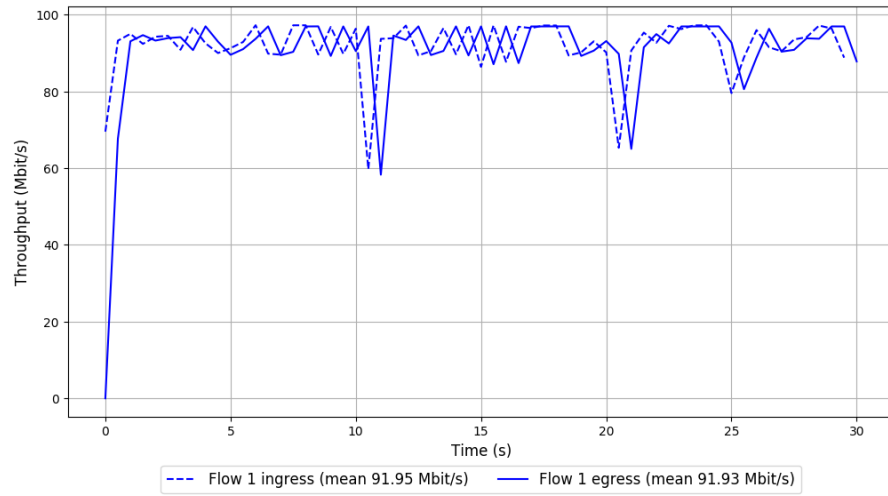


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-04 03:47:05
End at: 2018-07-04 03:47:35
Local clock offset: -2.668 ms
Remote clock offset: -1.874 ms

Below is generated by plot.py at 2018-07-04 06:10:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 12.730 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 12.730 ms
Loss rate: 0.05%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-04 04:06:07

End at: 2018-07-04 04:06:37

Local clock offset: -2.744 ms

Remote clock offset: -3.043 ms

Below is generated by plot.py at 2018-07-04 06:10:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 12.696 ms

Loss rate: 0.04%

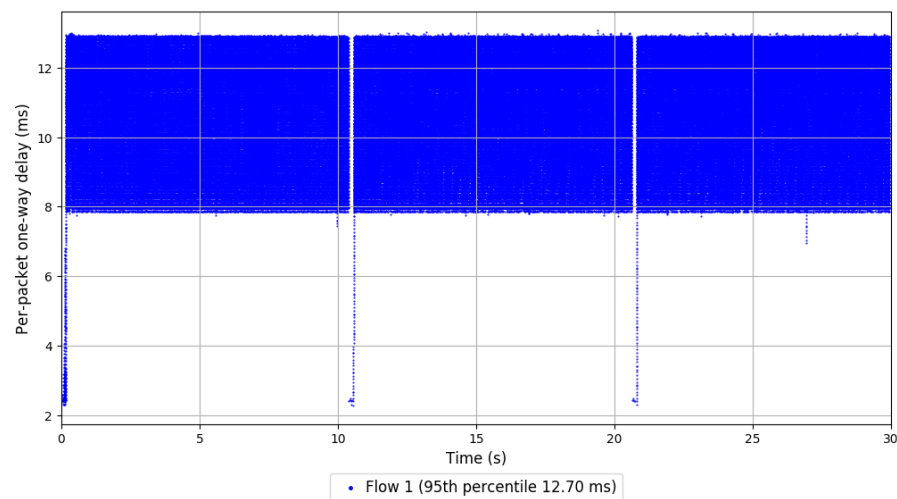
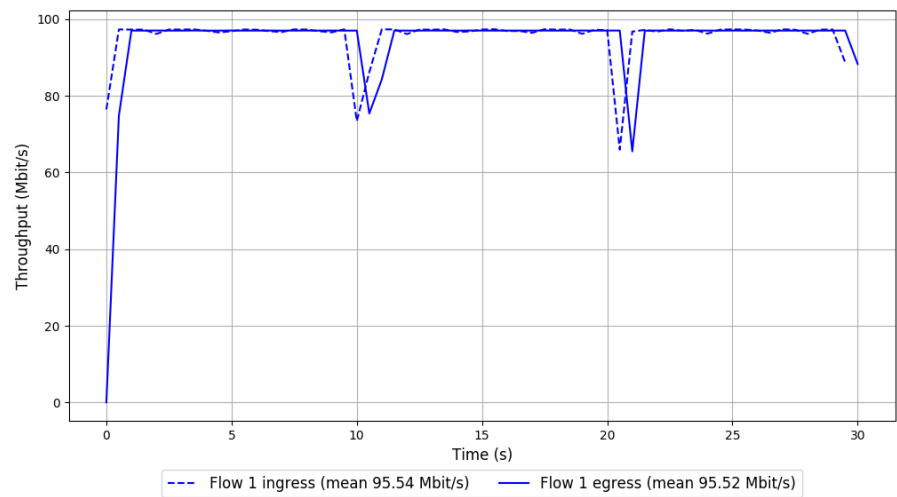
-- Flow 1:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 12.696 ms

Loss rate: 0.04%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-04 04:25:09

End at: 2018-07-04 04:25:39

Local clock offset: -6.898 ms

Remote clock offset: -2.569 ms

Below is generated by plot.py at 2018-07-04 06:10:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.47 Mbit/s

95th percentile per-packet one-way delay: 12.733 ms

Loss rate: 0.05%

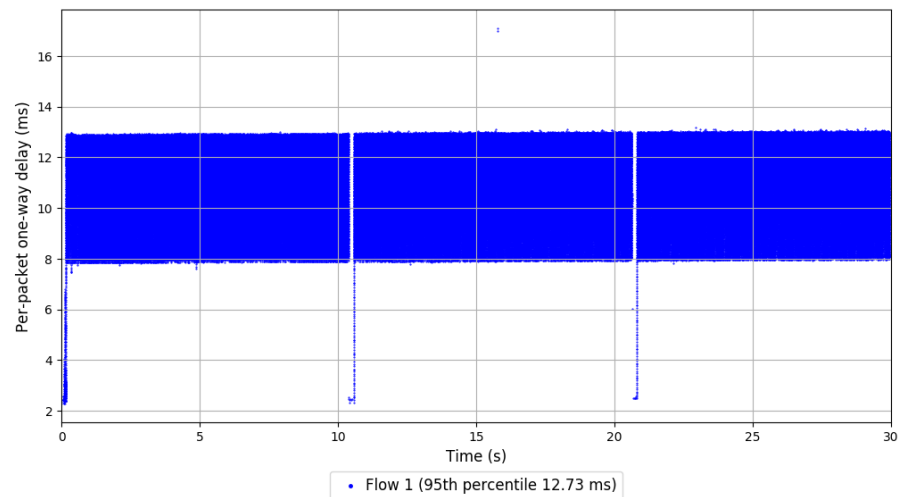
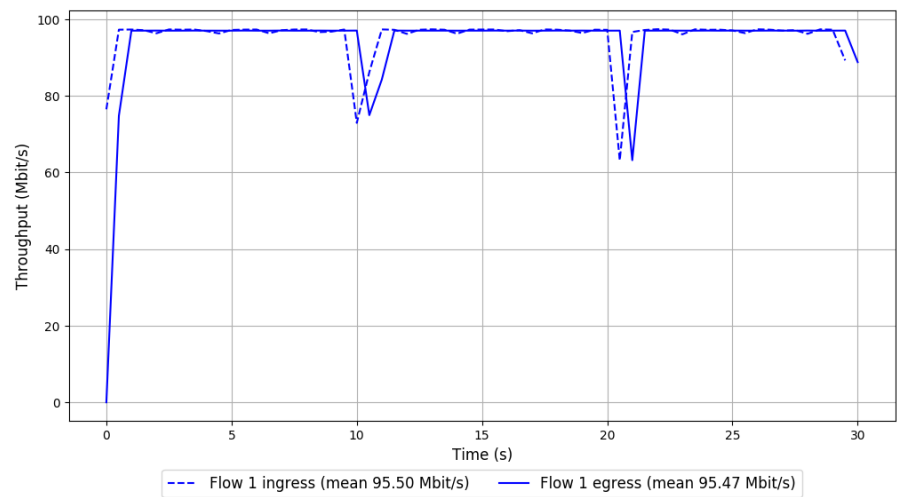
-- Flow 1:

Average throughput: 95.47 Mbit/s

95th percentile per-packet one-way delay: 12.733 ms

Loss rate: 0.05%

Run 6: Report of FillP-Sheep — Data Link

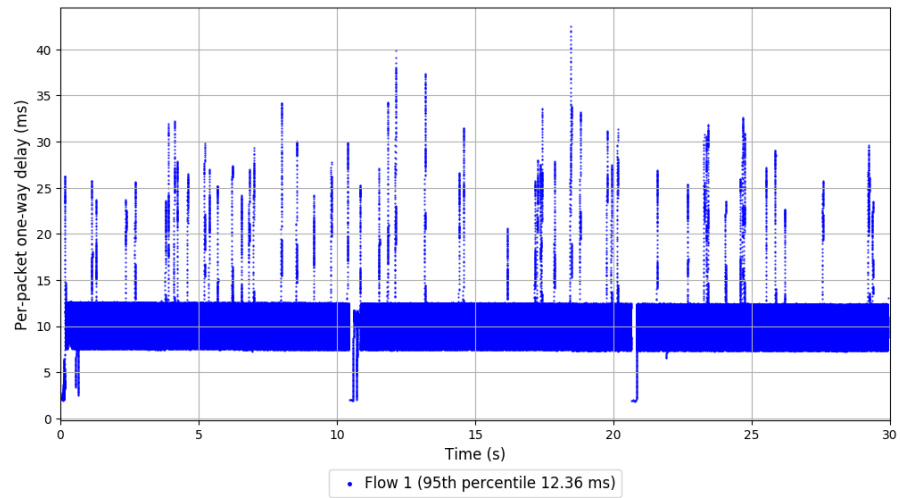
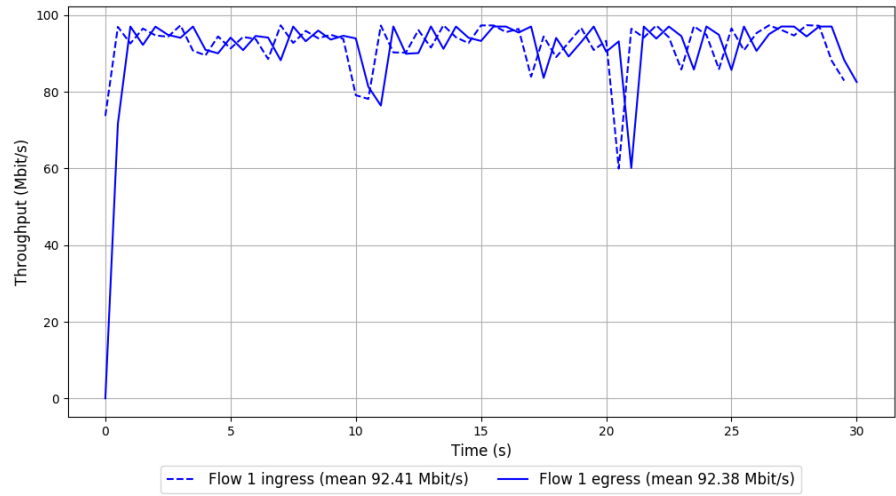


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-04 04:44:10
End at: 2018-07-04 04:44:40
Local clock offset: -5.916 ms
Remote clock offset: -1.363 ms

Below is generated by plot.py at 2018-07-04 06:11:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.38 Mbit/s
95th percentile per-packet one-way delay: 12.362 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 92.38 Mbit/s
95th percentile per-packet one-way delay: 12.362 ms
Loss rate: 0.04%

Run 7: Report of FillP-Sheep — Data Link

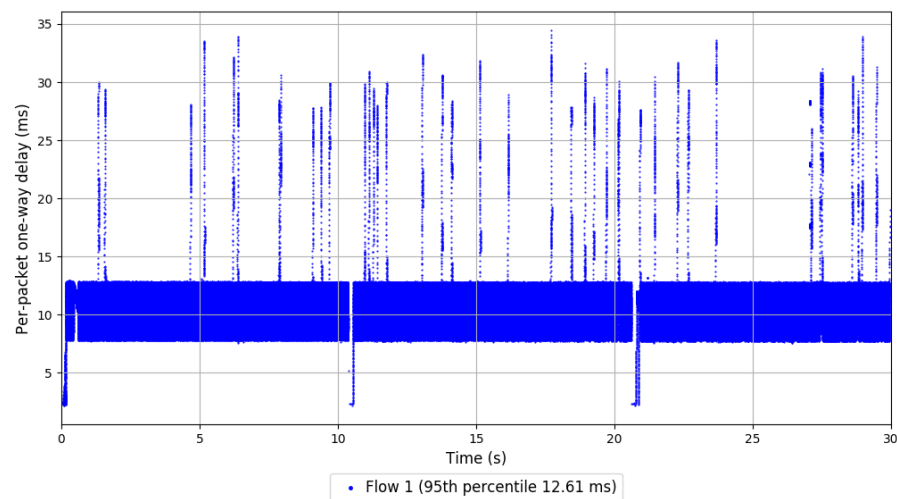
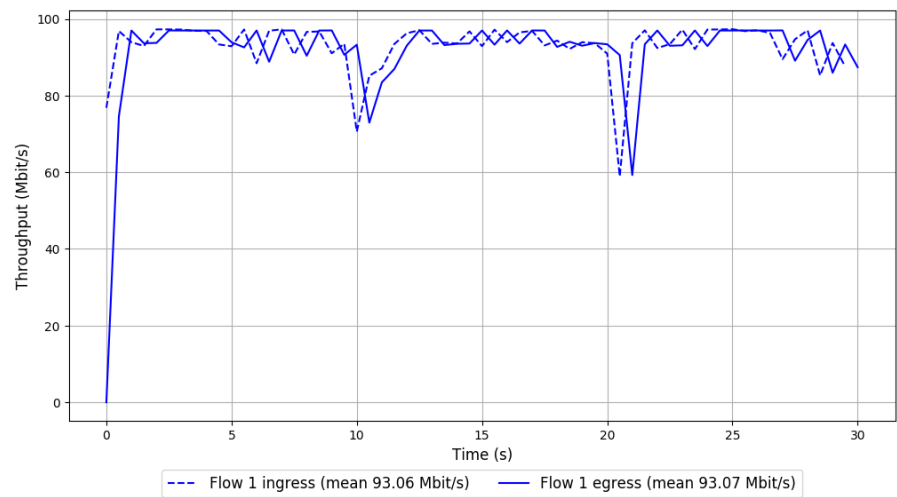


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-04 05:03:12
End at: 2018-07-04 05:03:42
Local clock offset: -1.612 ms
Remote clock offset: -1.974 ms

Below is generated by plot.py at 2018-07-04 06:11:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 12.612 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 12.612 ms
Loss rate: 0.04%

Run 8: Report of FillP-Sheep — Data Link

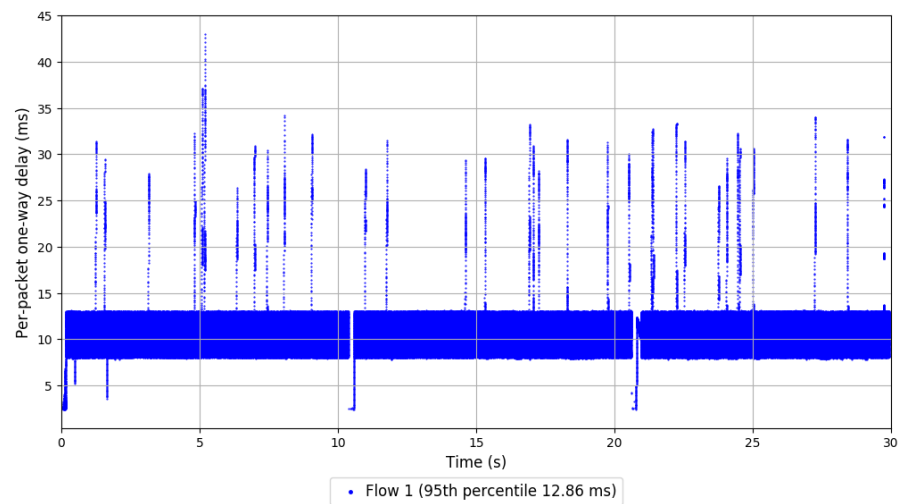
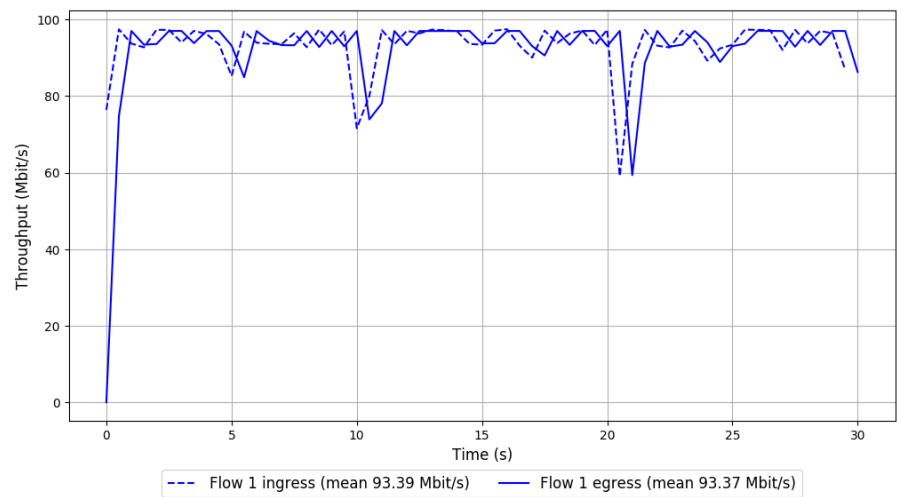


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-04 05:22:12
End at: 2018-07-04 05:22:42
Local clock offset: -1.973 ms
Remote clock offset: -2.802 ms

Below is generated by plot.py at 2018-07-04 06:11:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 12.864 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 12.864 ms
Loss rate: 0.04%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-04 05:41:09

End at: 2018-07-04 05:41:39

Local clock offset: -2.145 ms

Remote clock offset: -2.16 ms

Below is generated by plot.py at 2018-07-04 06:11:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.45 Mbit/s

95th percentile per-packet one-way delay: 12.775 ms

Loss rate: 0.05%

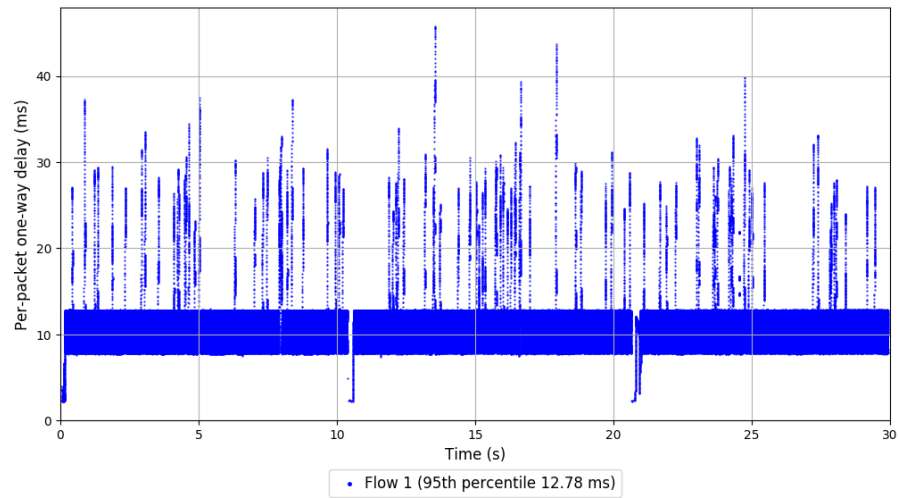
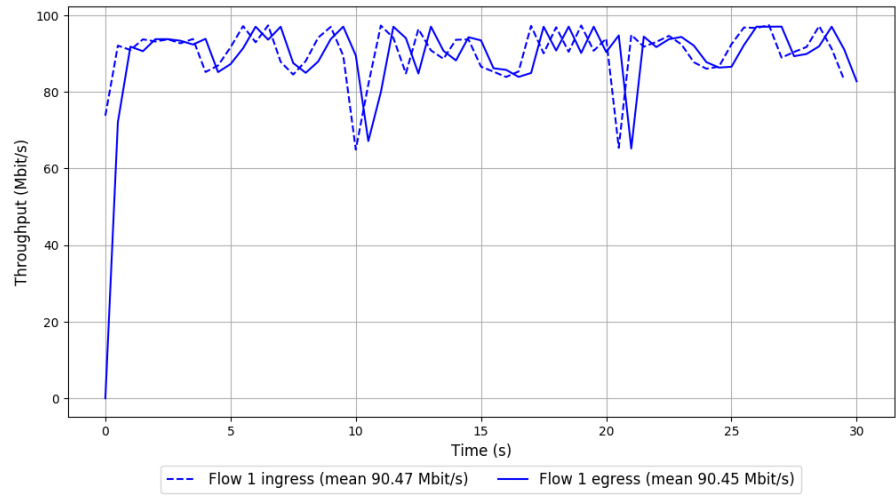
-- Flow 1:

Average throughput: 90.45 Mbit/s

95th percentile per-packet one-way delay: 12.775 ms

Loss rate: 0.05%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-04 02:59:00
End at: 2018-07-04 02:59:30
Local clock offset: -2.566 ms
Remote clock offset: -7.484 ms

Below is generated by plot.py at 2018-07-04 06:11:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 3.763 ms

Loss rate: 0.02%

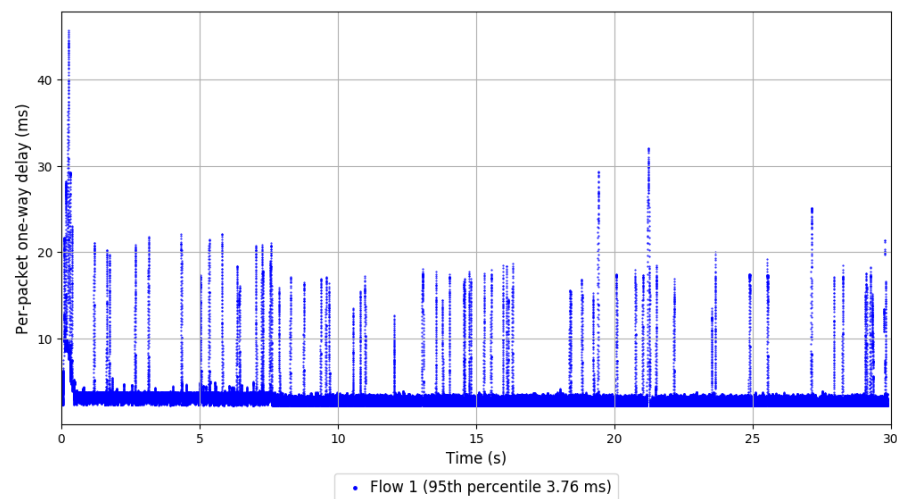
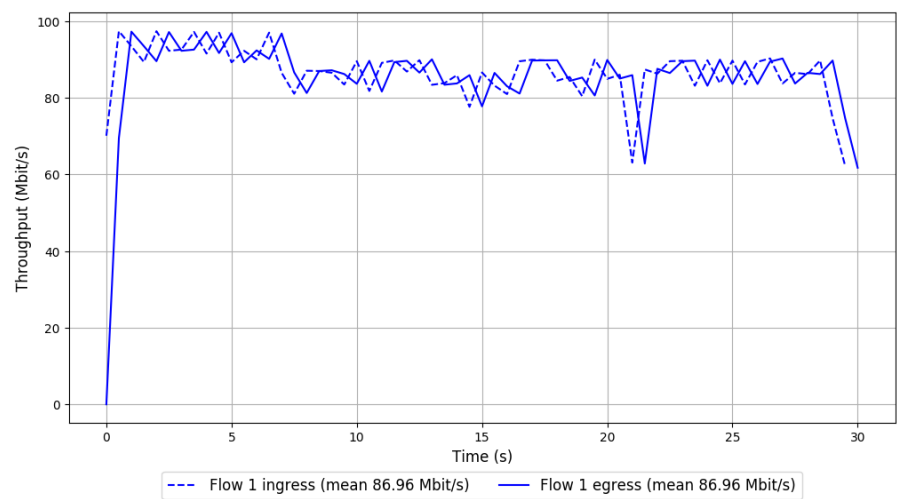
-- Flow 1:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 3.763 ms

Loss rate: 0.02%

Run 1: Report of Indigo — Data Link

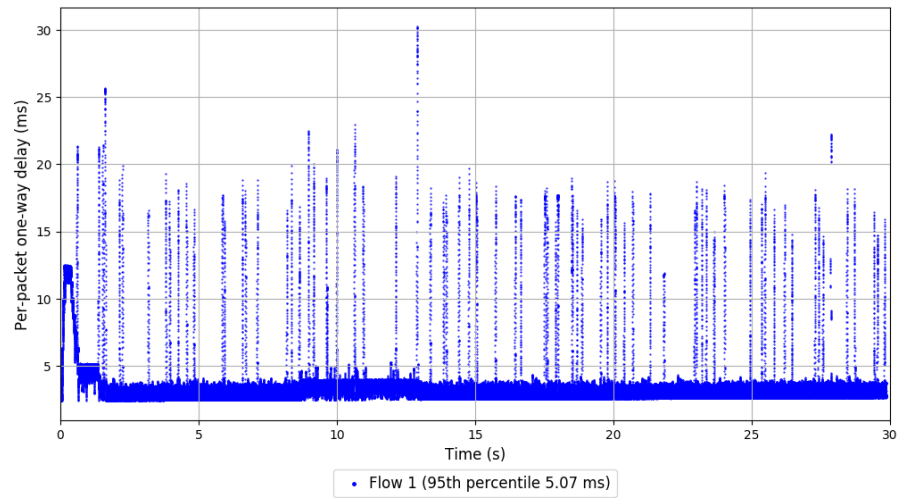
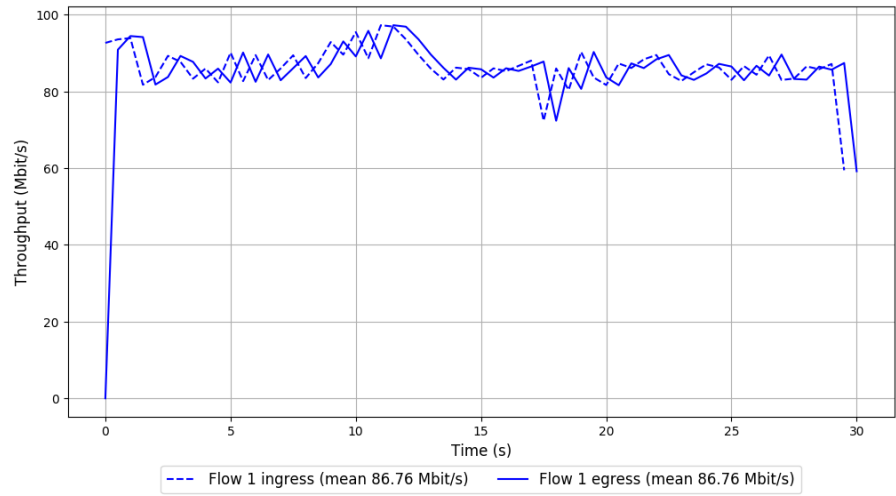


Run 2: Statistics of Indigo

Start at: 2018-07-04 03:18:00
End at: 2018-07-04 03:18:30
Local clock offset: -2.714 ms
Remote clock offset: -6.209 ms

Below is generated by plot.py at 2018-07-04 06:11:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 5.069 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 5.069 ms
Loss rate: 0.02%

Run 2: Report of Indigo — Data Link

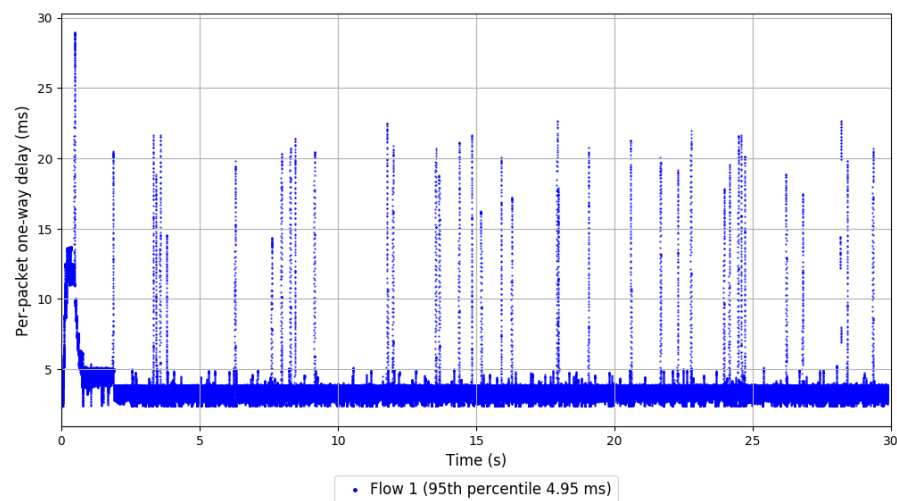
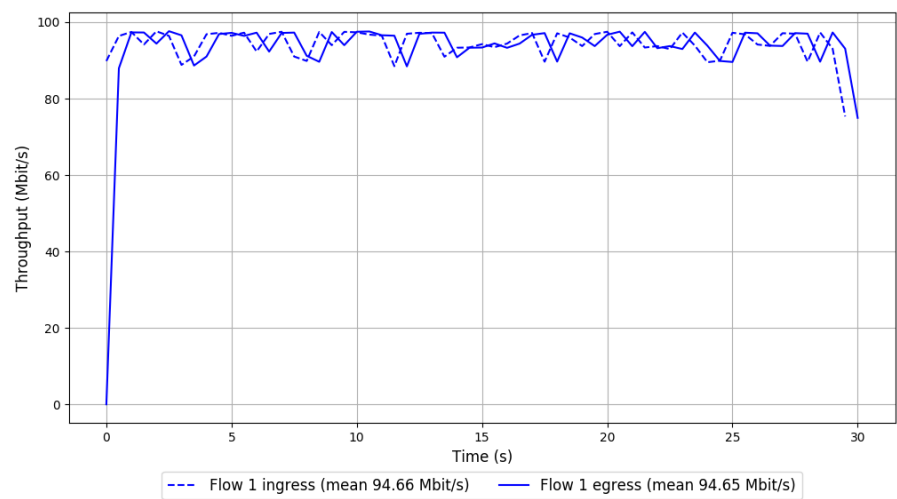


Run 3: Statistics of Indigo

Start at: 2018-07-04 03:36:57
End at: 2018-07-04 03:37:27
Local clock offset: -2.607 ms
Remote clock offset: -2.395 ms

Below is generated by plot.py at 2018-07-04 06:11:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 4.954 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 4.954 ms
Loss rate: 0.02%

Run 3: Report of Indigo — Data Link

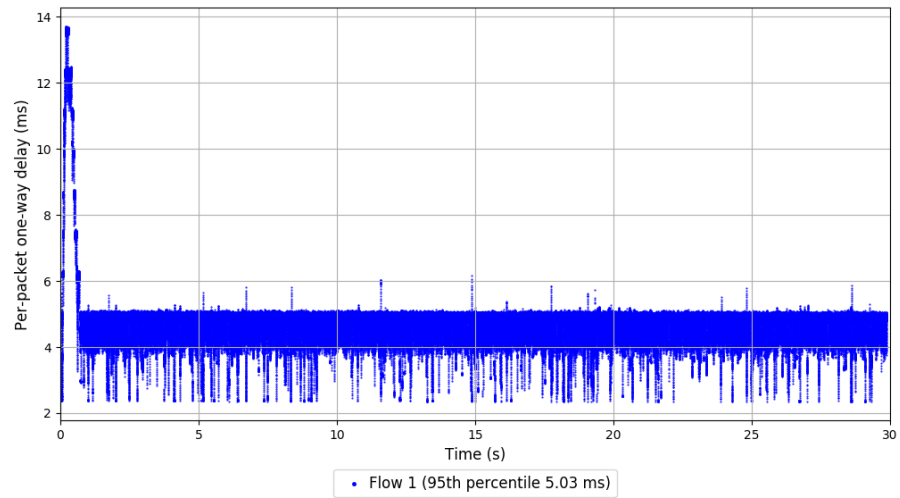
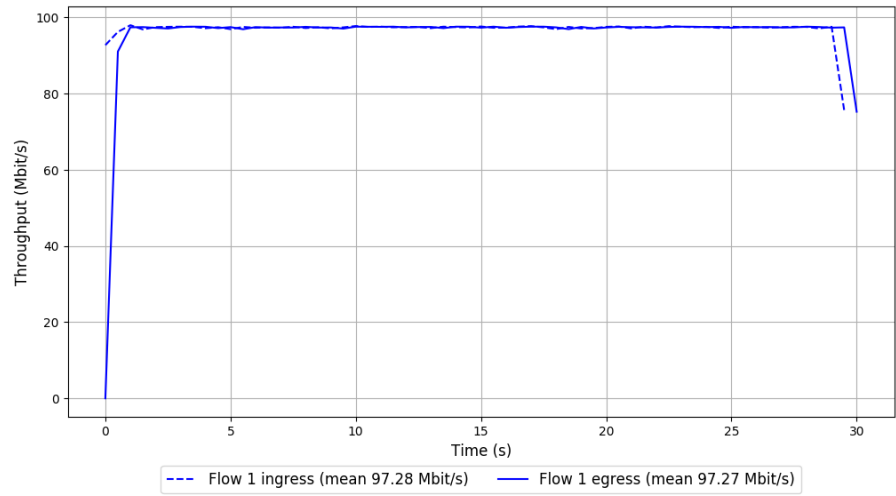


Run 4: Statistics of Indigo

Start at: 2018-07-04 03:55:58
End at: 2018-07-04 03:56:28
Local clock offset: -2.709 ms
Remote clock offset: -2.677 ms

Below is generated by plot.py at 2018-07-04 06:11:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.031 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.031 ms
Loss rate: 0.02%

Run 4: Report of Indigo — Data Link

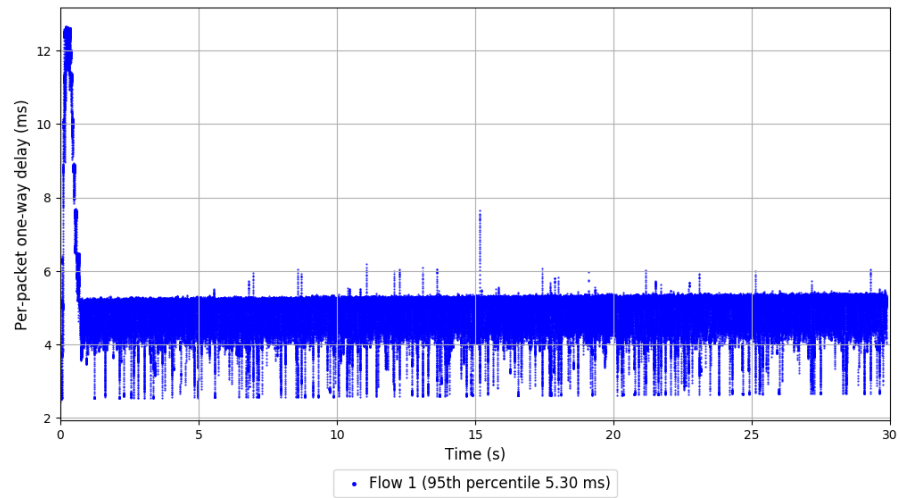
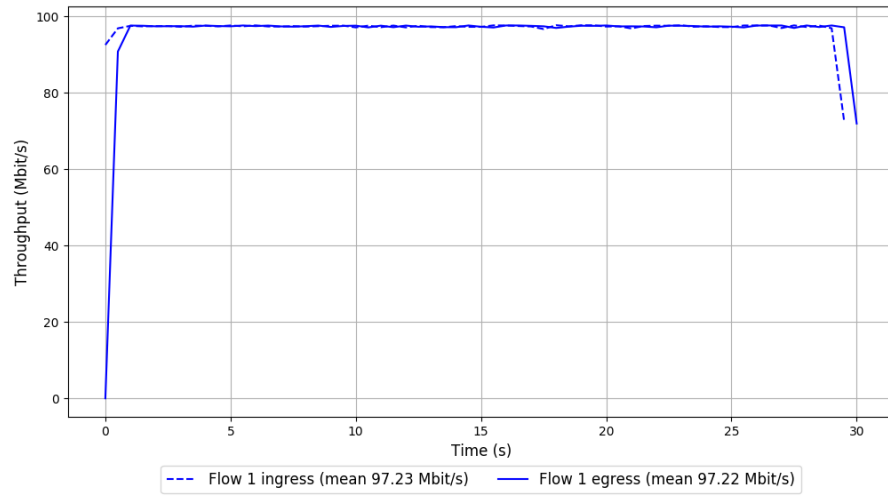


Run 5: Statistics of Indigo

Start at: 2018-07-04 04:15:00
End at: 2018-07-04 04:15:30
Local clock offset: -4.671 ms
Remote clock offset: -3.113 ms

Below is generated by plot.py at 2018-07-04 06:12:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 5.304 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 5.304 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

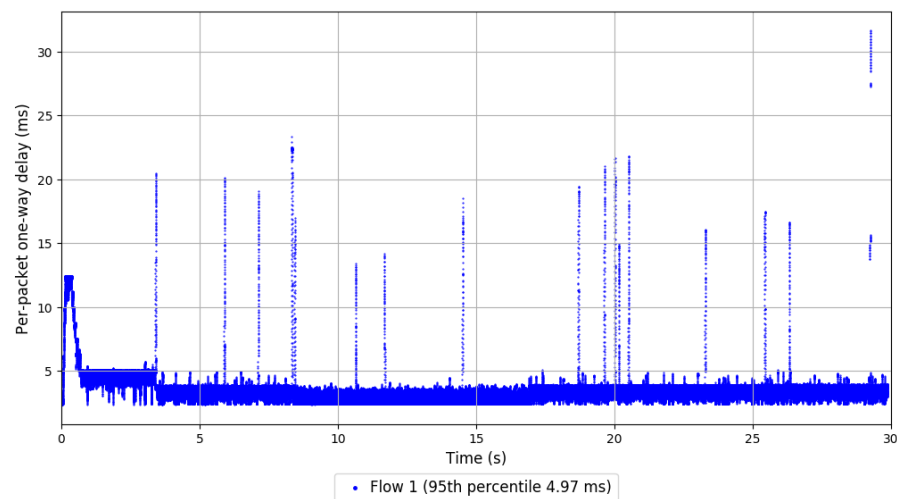
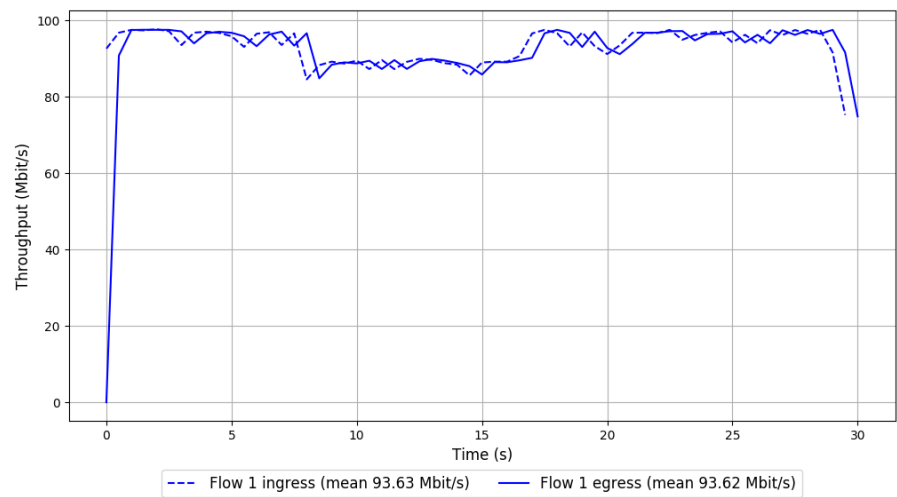


Run 6: Statistics of Indigo

Start at: 2018-07-04 04:34:02
End at: 2018-07-04 04:34:32
Local clock offset: -7.817 ms
Remote clock offset: -1.767 ms

Below is generated by plot.py at 2018-07-04 06:12:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 4.975 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 4.975 ms
Loss rate: 0.02%

Run 6: Report of Indigo — Data Link

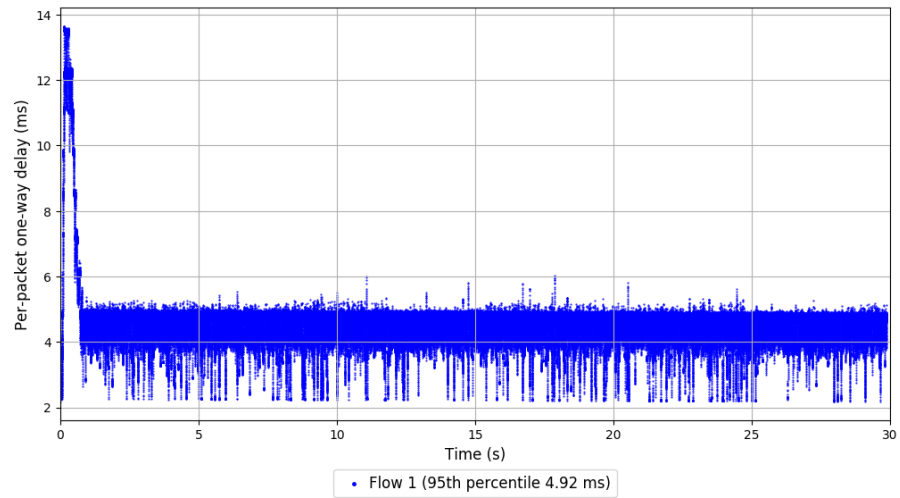
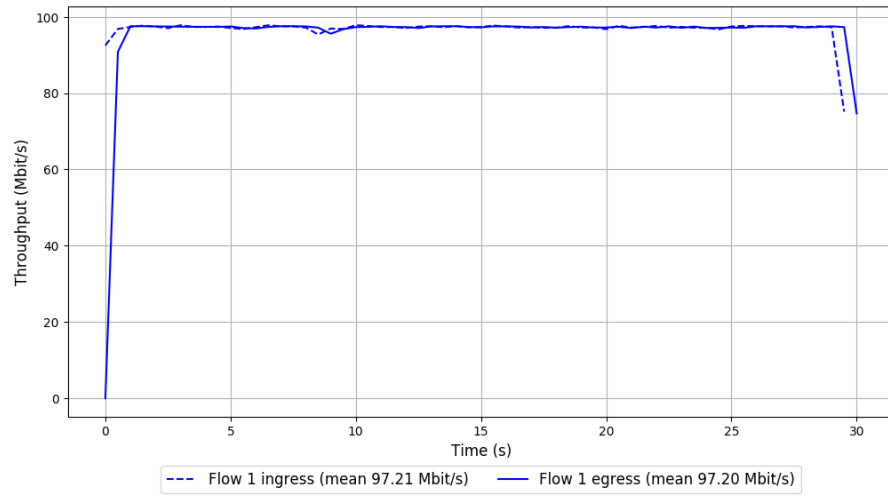


Run 7: Statistics of Indigo

Start at: 2018-07-04 04:53:03
End at: 2018-07-04 04:53:33
Local clock offset: -2.963 ms
Remote clock offset: -1.182 ms

Below is generated by plot.py at 2018-07-04 06:12:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 4.920 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 4.920 ms
Loss rate: 0.02%

Run 7: Report of Indigo — Data Link

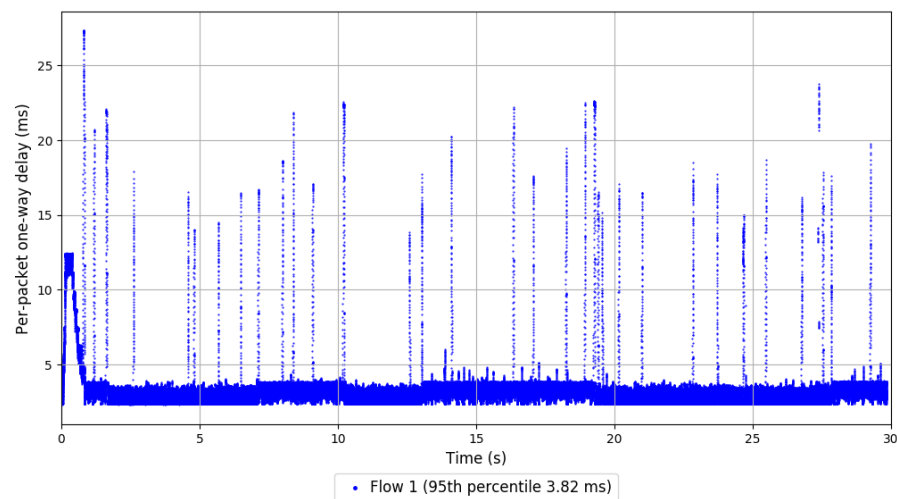
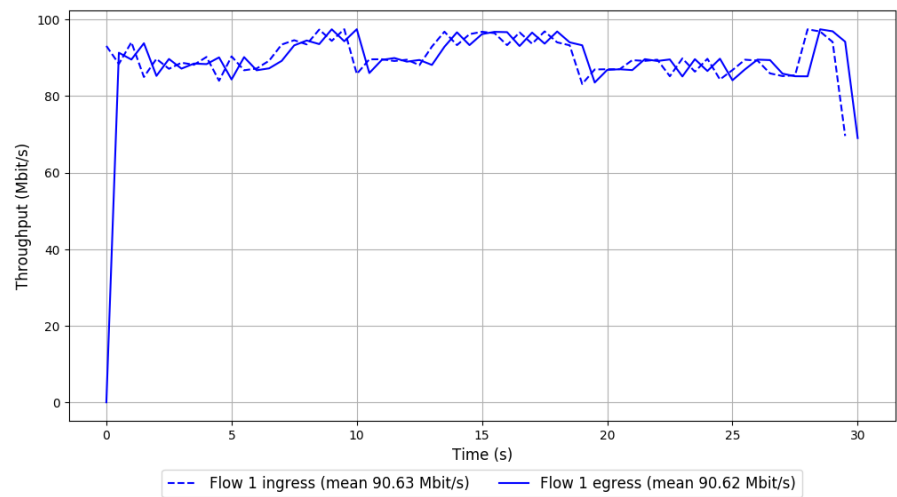


Run 8: Statistics of Indigo

Start at: 2018-07-04 05:12:04
End at: 2018-07-04 05:12:34
Local clock offset: -1.413 ms
Remote clock offset: -2.424 ms

Below is generated by plot.py at 2018-07-04 06:12:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.62 Mbit/s
95th percentile per-packet one-way delay: 3.824 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.62 Mbit/s
95th percentile per-packet one-way delay: 3.824 ms
Loss rate: 0.02%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-07-04 05:31:05

End at: 2018-07-04 05:31:35

Local clock offset: -2.071 ms

Remote clock offset: -2.72 ms

Below is generated by plot.py at 2018-07-04 06:12:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.44 Mbit/s

95th percentile per-packet one-way delay: 5.017 ms

Loss rate: 0.02%

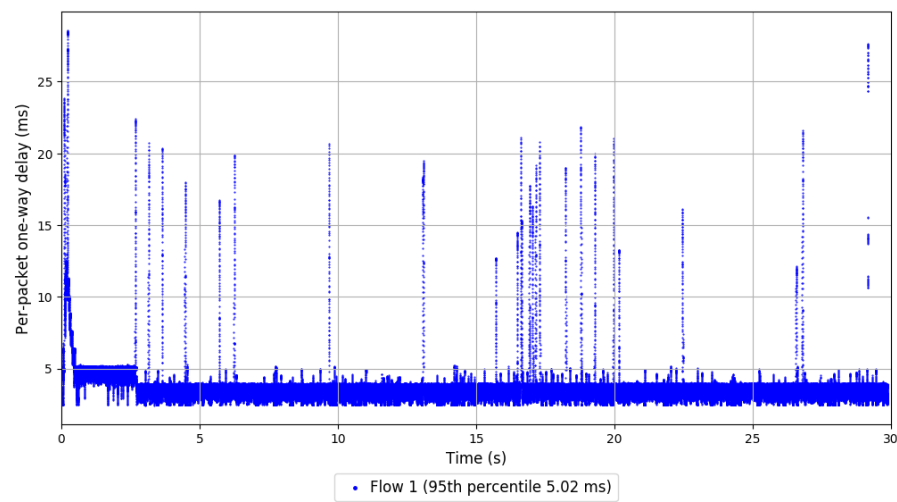
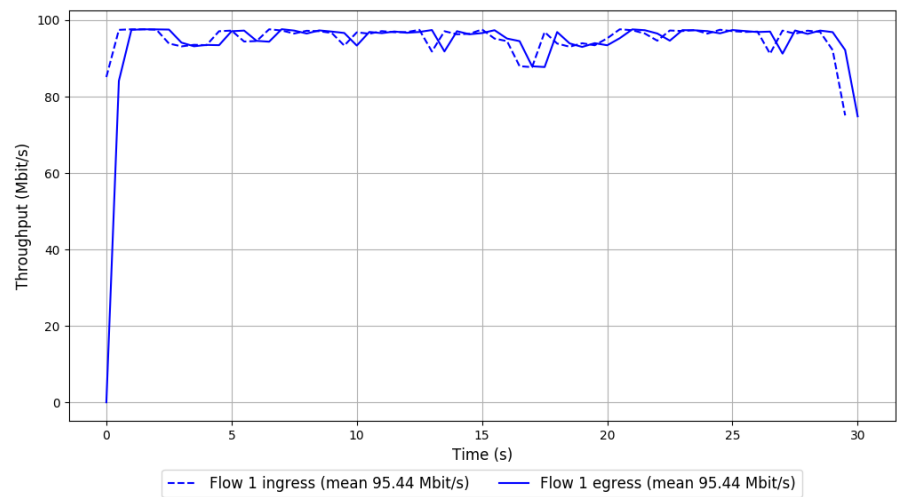
-- Flow 1:

Average throughput: 95.44 Mbit/s

95th percentile per-packet one-way delay: 5.017 ms

Loss rate: 0.02%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-04 05:50:02

End at: 2018-07-04 05:50:32

Local clock offset: -2.369 ms

Remote clock offset: -2.028 ms

Below is generated by plot.py at 2018-07-04 06:12:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 5.943 ms

Loss rate: 0.02%

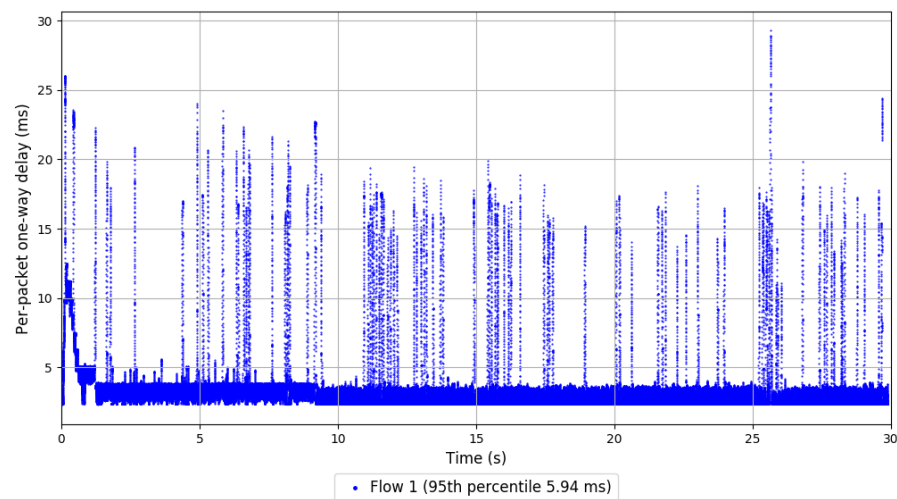
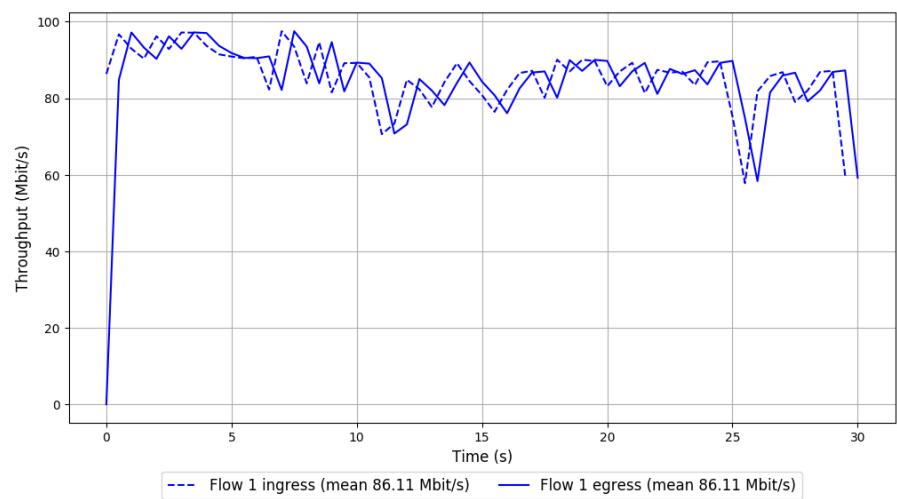
-- Flow 1:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 5.943 ms

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

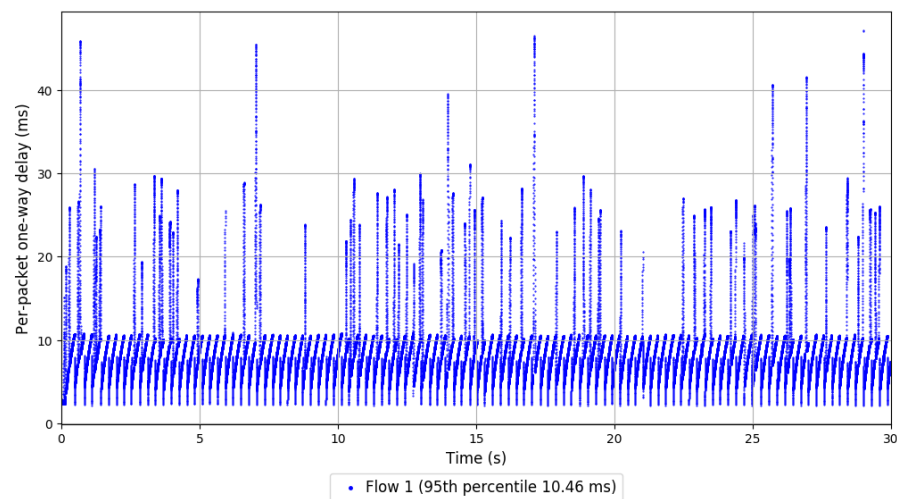
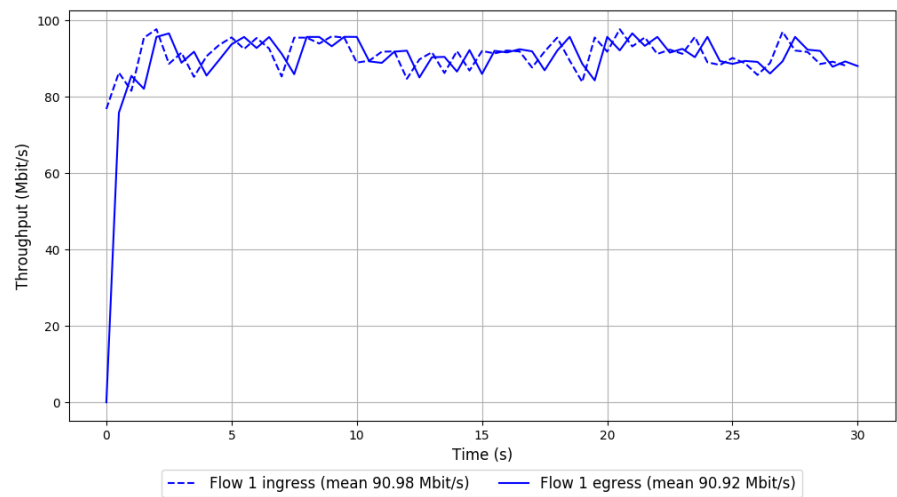


Run 1: Statistics of LEDBAT

Start at: 2018-07-04 03:06:53
End at: 2018-07-04 03:07:23
Local clock offset: -2.704 ms
Remote clock offset: -8.552 ms

Below is generated by plot.py at 2018-07-04 06:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 10.455 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 10.455 ms
Loss rate: 0.08%

Run 1: Report of LEDBAT — Data Link

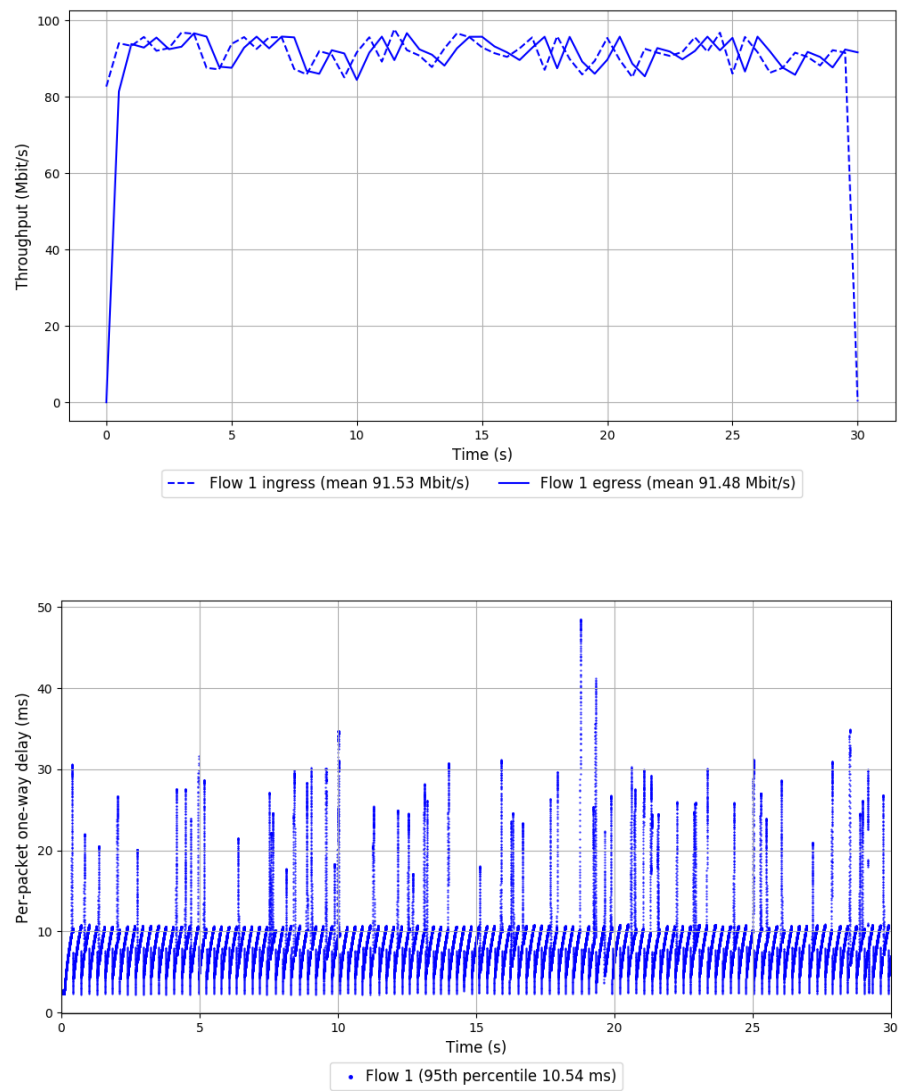


Run 2: Statistics of LEDBAT

Start at: 2018-07-04 03:25:50
End at: 2018-07-04 03:26:20
Local clock offset: -2.636 ms
Remote clock offset: -3.698 ms

Below is generated by plot.py at 2018-07-04 06:13:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 10.538 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 10.538 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

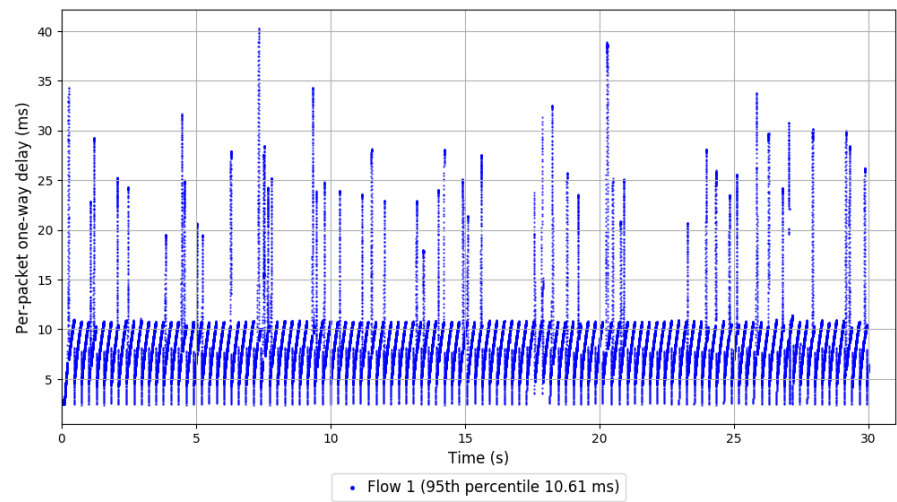
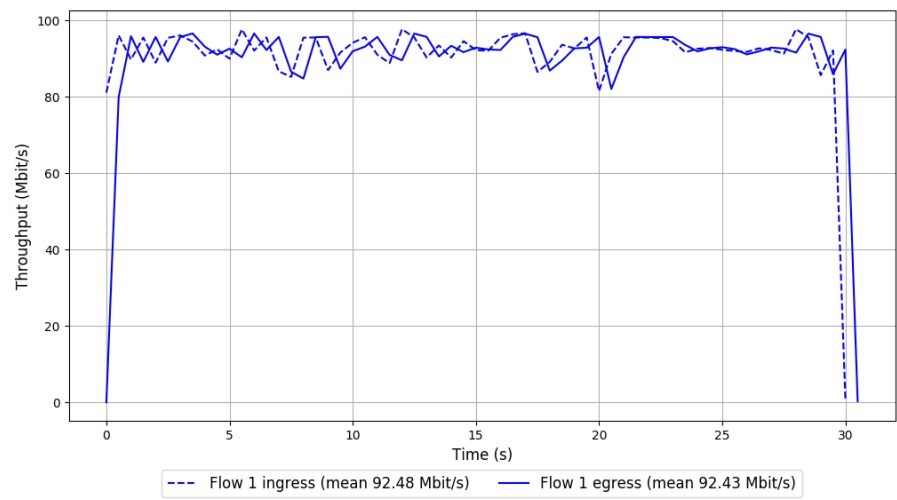


Run 3: Statistics of LEDBAT

Start at: 2018-07-04 03:44:50
End at: 2018-07-04 03:45:20
Local clock offset: -2.646 ms
Remote clock offset: -2.103 ms

Below is generated by plot.py at 2018-07-04 06:13:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 10.612 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 10.612 ms
Loss rate: 0.08%

Run 3: Report of LEDBAT — Data Link

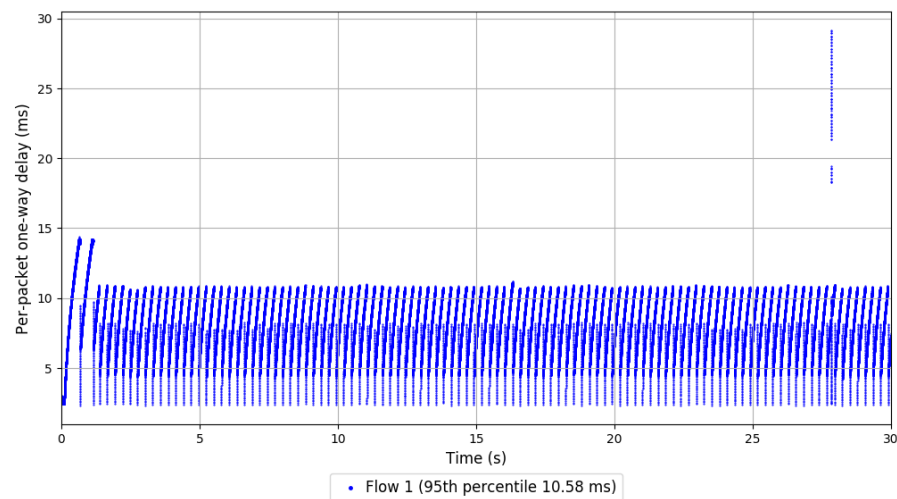
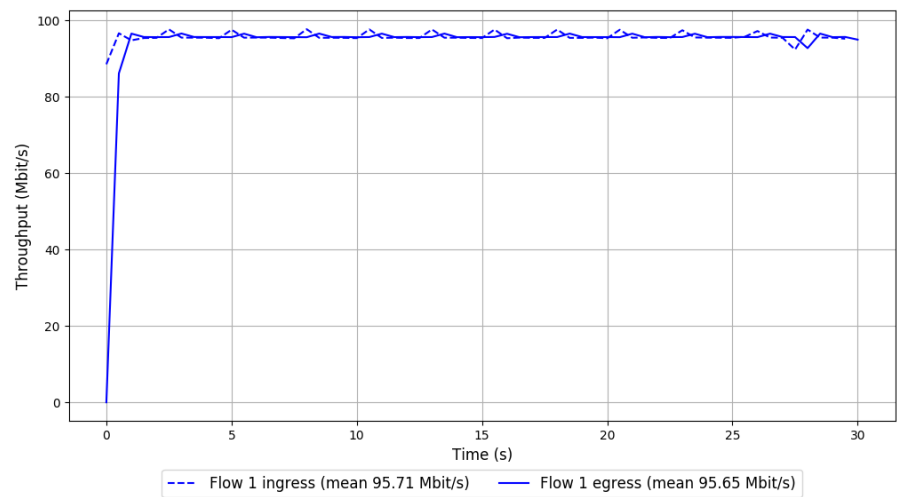


Run 4: Statistics of LEDBAT

Start at: 2018-07-04 04:03:52
End at: 2018-07-04 04:04:22
Local clock offset: -2.73 ms
Remote clock offset: -3.021 ms

Below is generated by plot.py at 2018-07-04 06:13:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 10.577 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 10.577 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

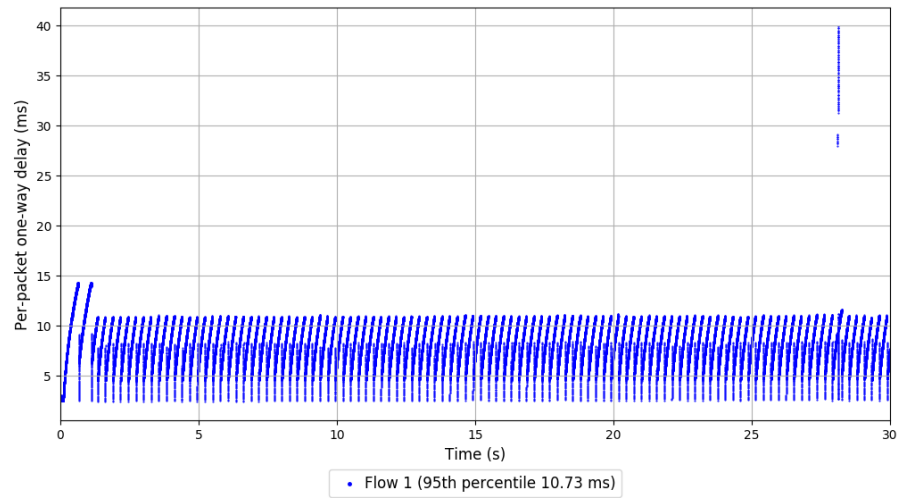
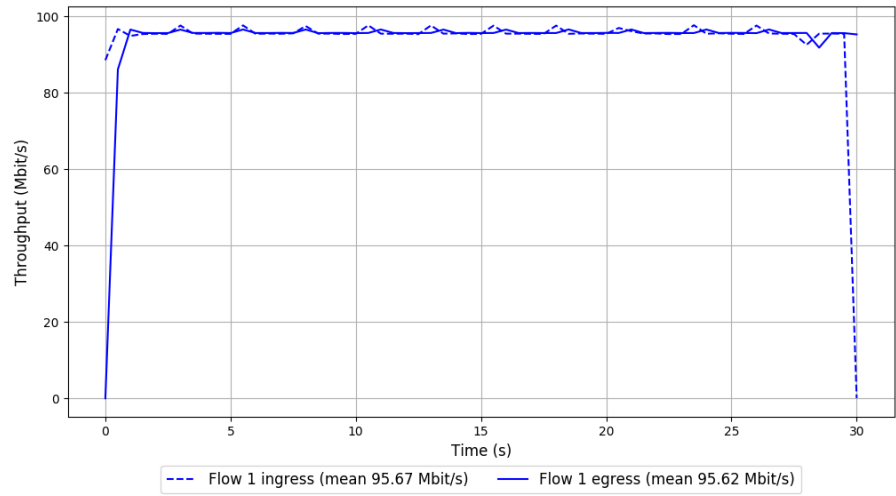


Run 5: Statistics of LEDBAT

Start at: 2018-07-04 04:22:54
End at: 2018-07-04 04:23:24
Local clock offset: -6.507 ms
Remote clock offset: -2.926 ms

Below is generated by plot.py at 2018-07-04 06:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 10.734 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 10.734 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link

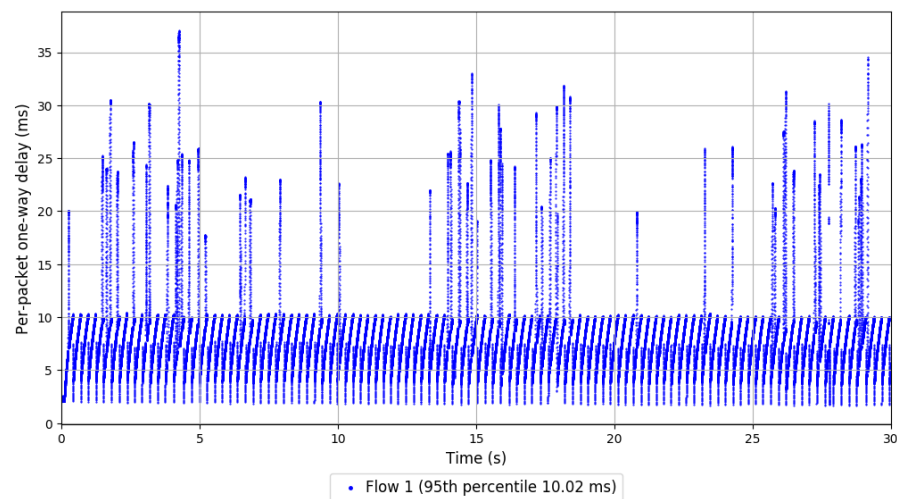
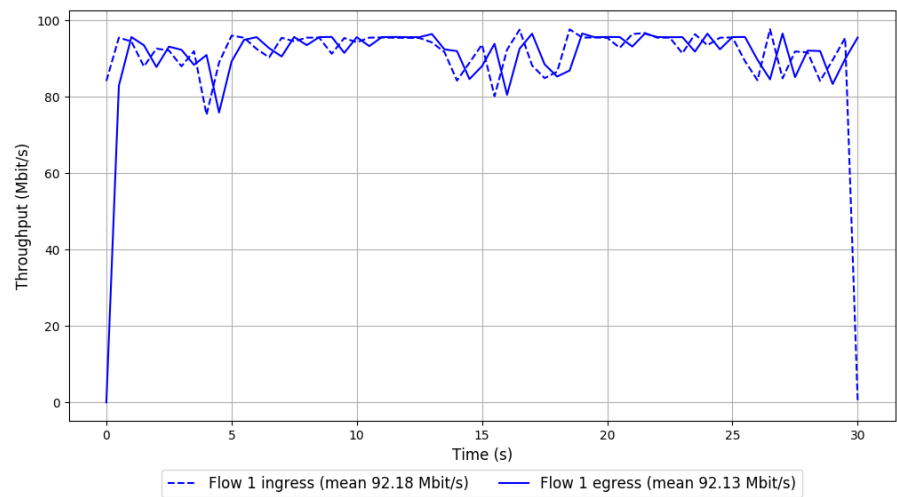


Run 6: Statistics of LEDBAT

Start at: 2018-07-04 04:41:56
End at: 2018-07-04 04:42:26
Local clock offset: -7.238 ms
Remote clock offset: -1.462 ms

Below is generated by plot.py at 2018-07-04 06:13:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 10.024 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 10.024 ms
Loss rate: 0.08%

Run 6: Report of LEDBAT — Data Link

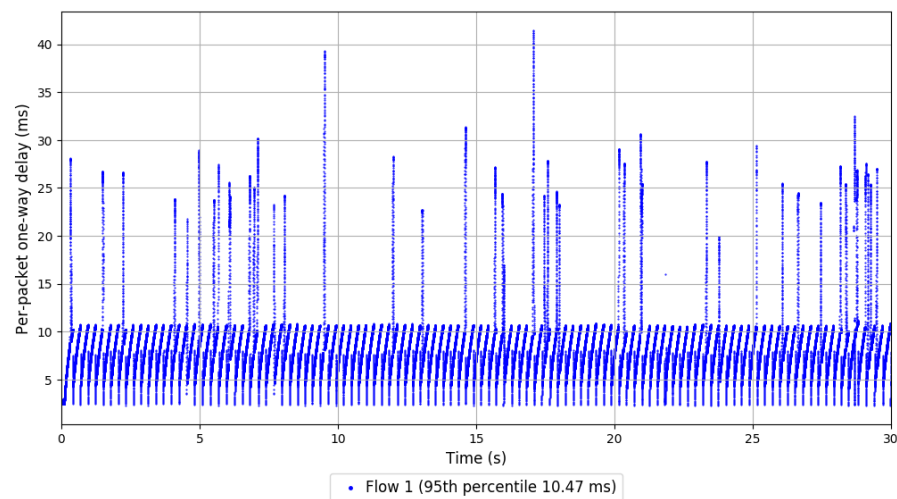
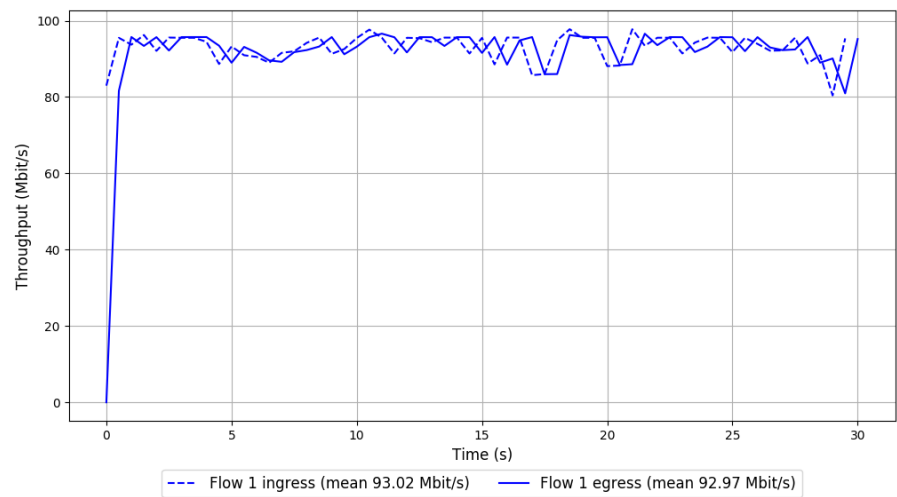


Run 7: Statistics of LEDBAT

Start at: 2018-07-04 05:00:57
End at: 2018-07-04 05:01:27
Local clock offset: -1.815 ms
Remote clock offset: -1.942 ms

Below is generated by plot.py at 2018-07-04 06:14:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 10.471 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 10.471 ms
Loss rate: 0.07%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-07-04 05:19:57

End at: 2018-07-04 05:20:27

Local clock offset: -1.927 ms

Remote clock offset: -2.6 ms

Below is generated by plot.py at 2018-07-04 06:14:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 10.464 ms

Loss rate: 0.08%

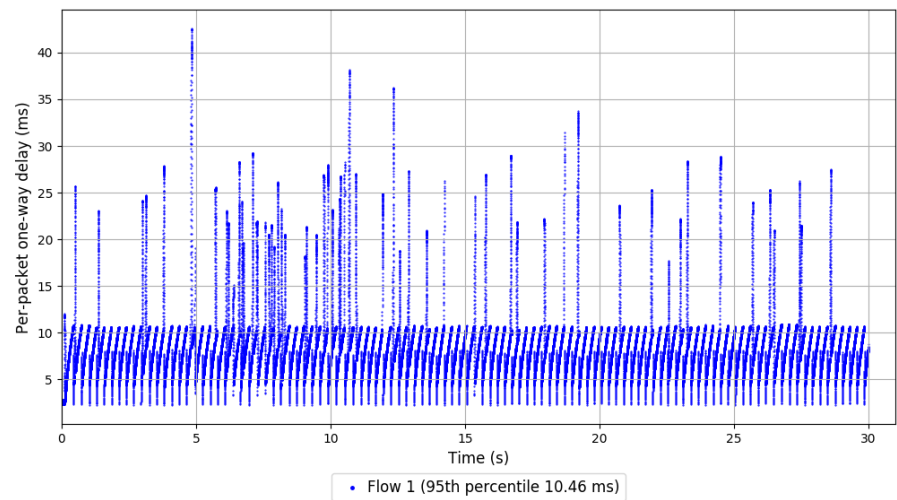
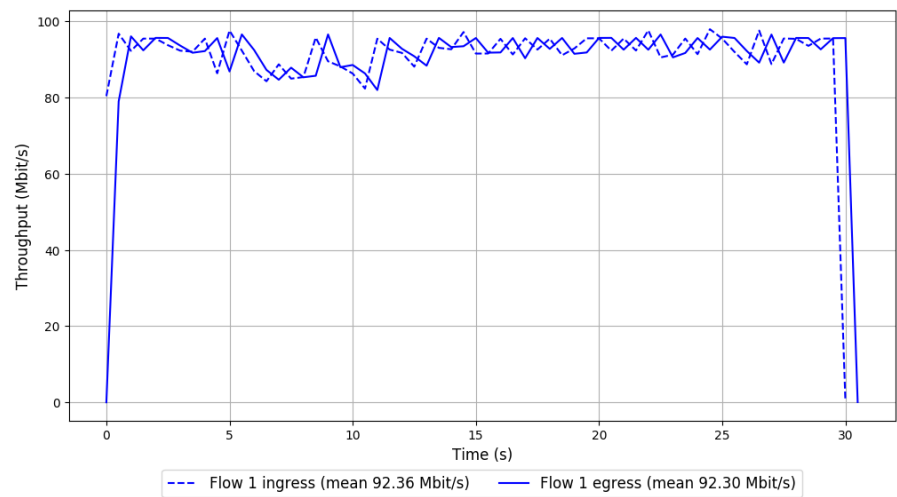
-- Flow 1:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 10.464 ms

Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link

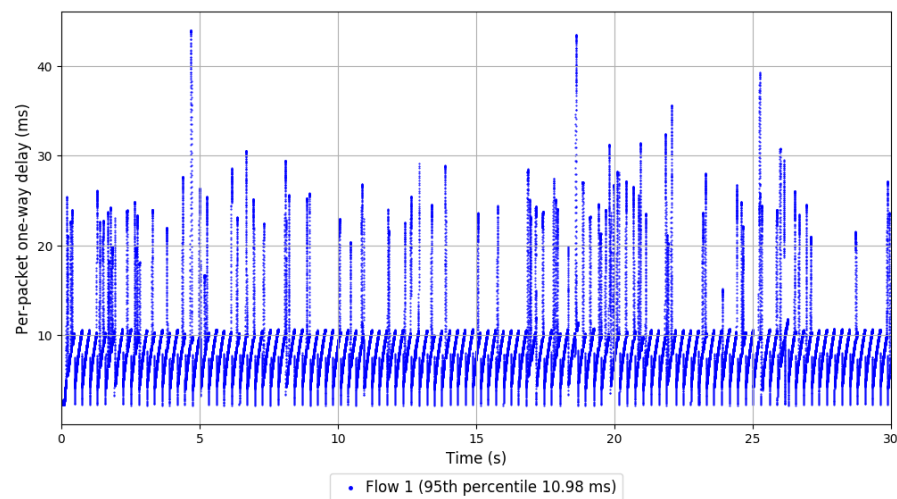
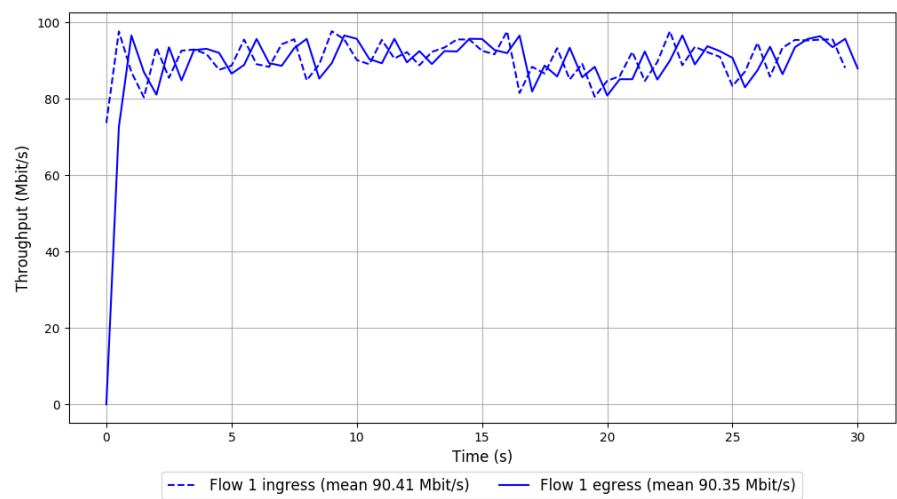


Run 9: Statistics of LEDBAT

Start at: 2018-07-04 05:38:55
End at: 2018-07-04 05:39:25
Local clock offset: -2.128 ms
Remote clock offset: -2.294 ms

Below is generated by plot.py at 2018-07-04 06:14:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 10.977 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 10.977 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-07-04 05:57:54

End at: 2018-07-04 05:58:24

Local clock offset: -2.443 ms

Remote clock offset: -2.021 ms

Below is generated by plot.py at 2018-07-04 06:14:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 10.551 ms

Loss rate: 0.08%

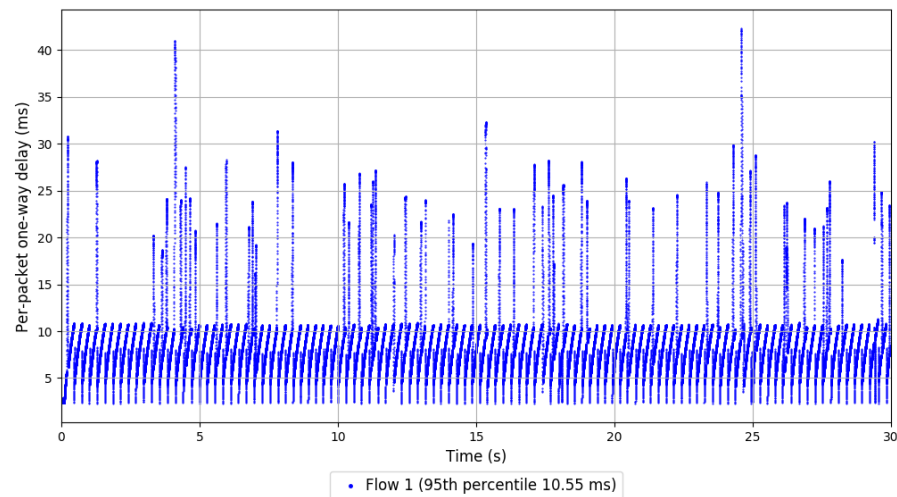
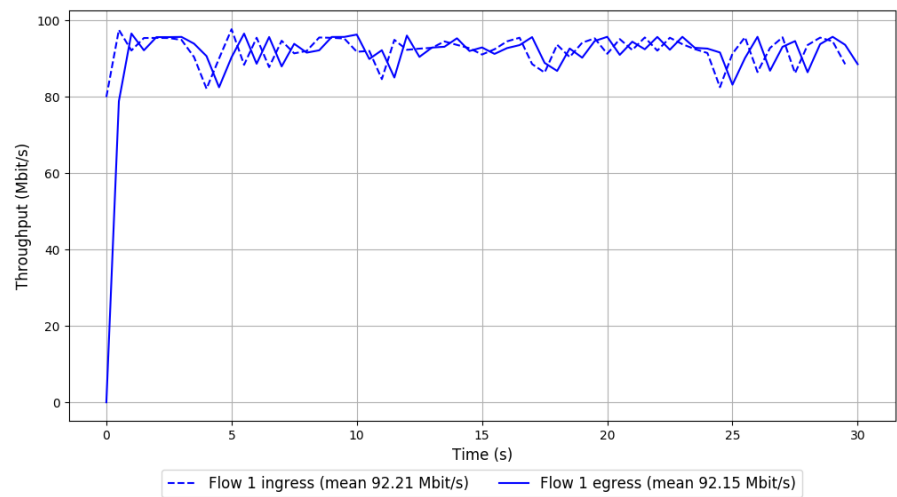
-- Flow 1:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 10.551 ms

Loss rate: 0.08%

Run 10: Report of LEDBAT — Data Link

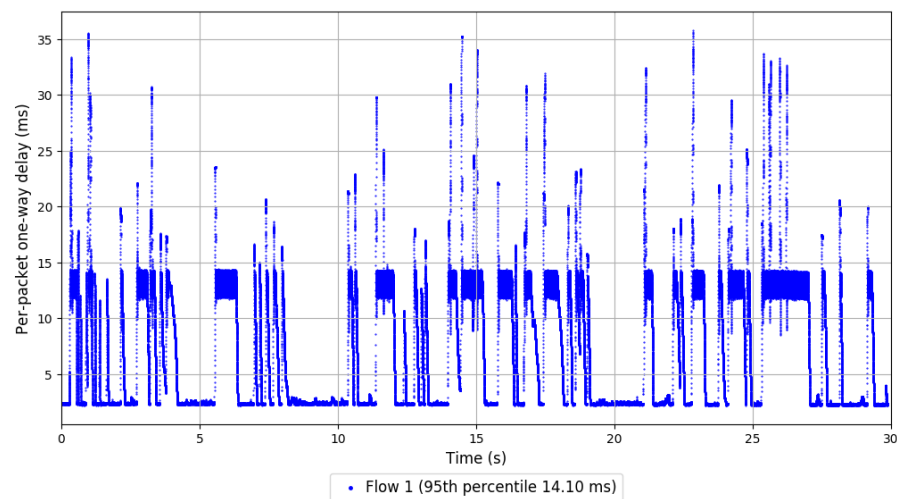
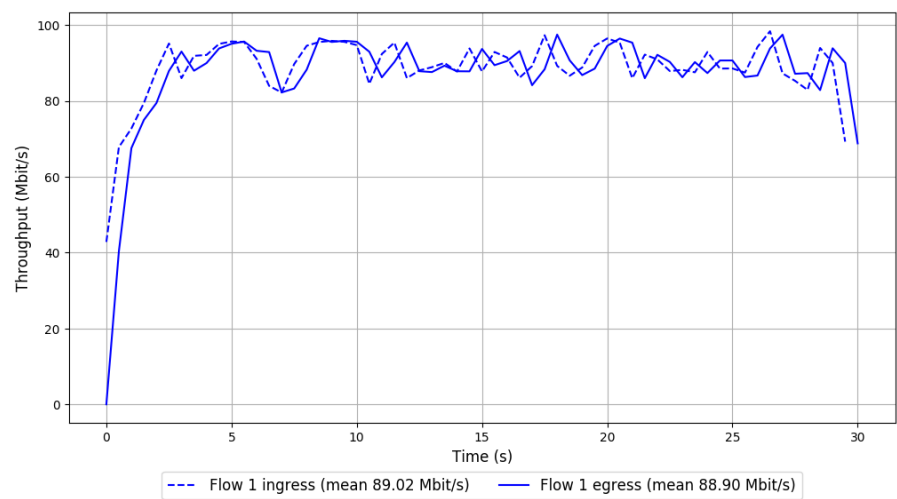


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-04 02:56:45
End at: 2018-07-04 02:57:15
Local clock offset: -2.523 ms
Remote clock offset: -7.165 ms

Below is generated by plot.py at 2018-07-04 06:14:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 14.095 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 14.095 ms
Loss rate: 0.15%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-04 03:15:45

End at: 2018-07-04 03:16:15

Local clock offset: -2.648 ms

Remote clock offset: -7.315 ms

Below is generated by plot.py at 2018-07-04 06:14:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.61 Mbit/s

95th percentile per-packet one-way delay: 14.438 ms

Loss rate: 0.65%

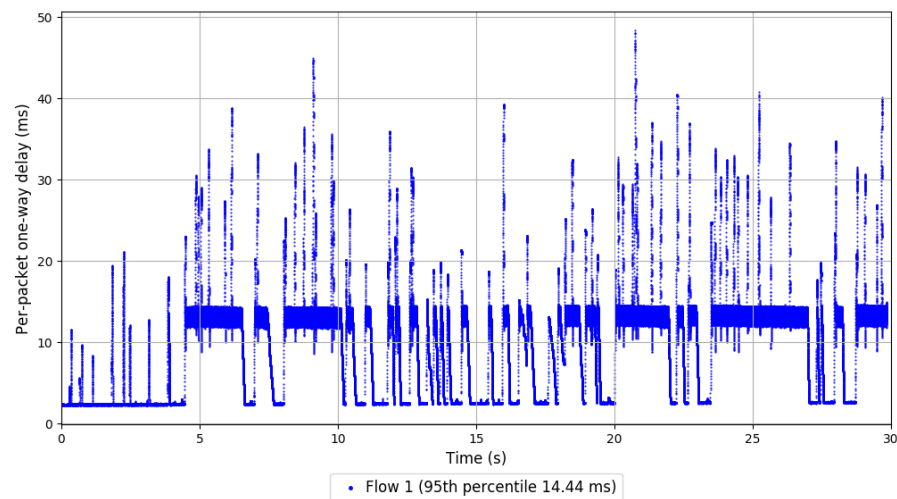
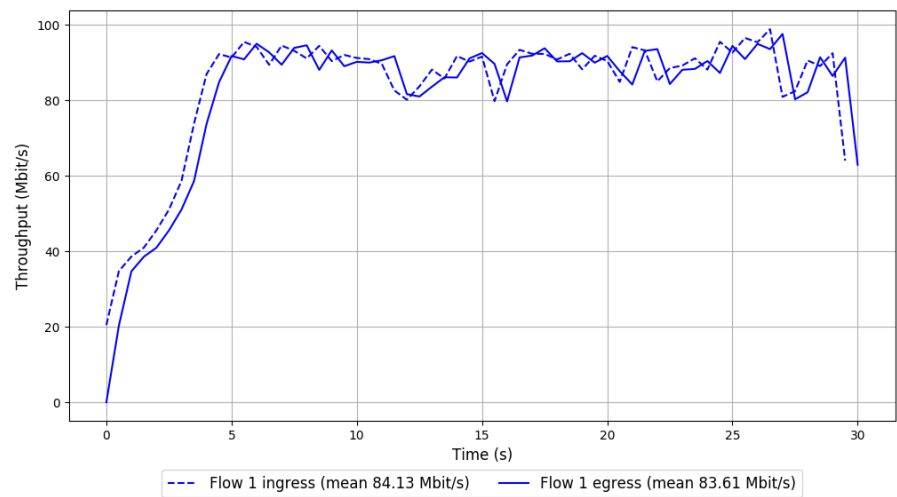
-- Flow 1:

Average throughput: 83.61 Mbit/s

95th percentile per-packet one-way delay: 14.438 ms

Loss rate: 0.65%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-04 03:34:42

End at: 2018-07-04 03:35:12

Local clock offset: -2.671 ms

Remote clock offset: -2.532 ms

Below is generated by plot.py at 2018-07-04 06:14:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.81 Mbit/s

95th percentile per-packet one-way delay: 14.150 ms

Loss rate: 0.65%

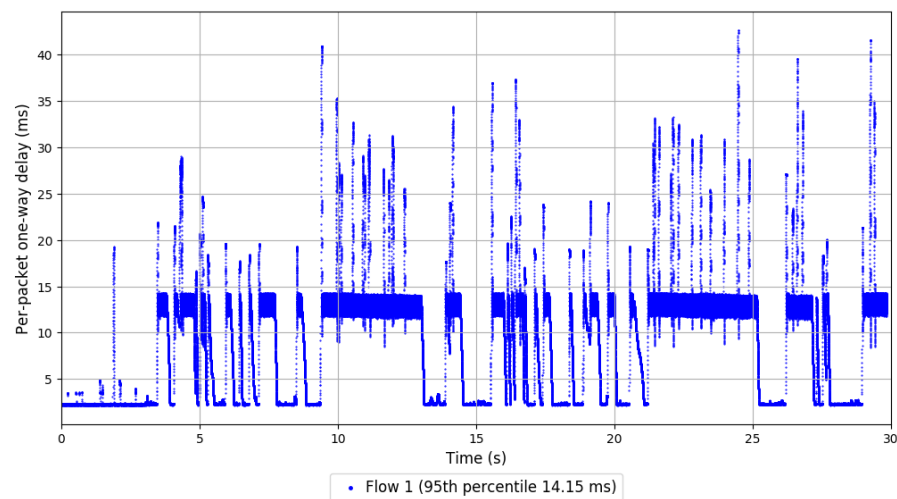
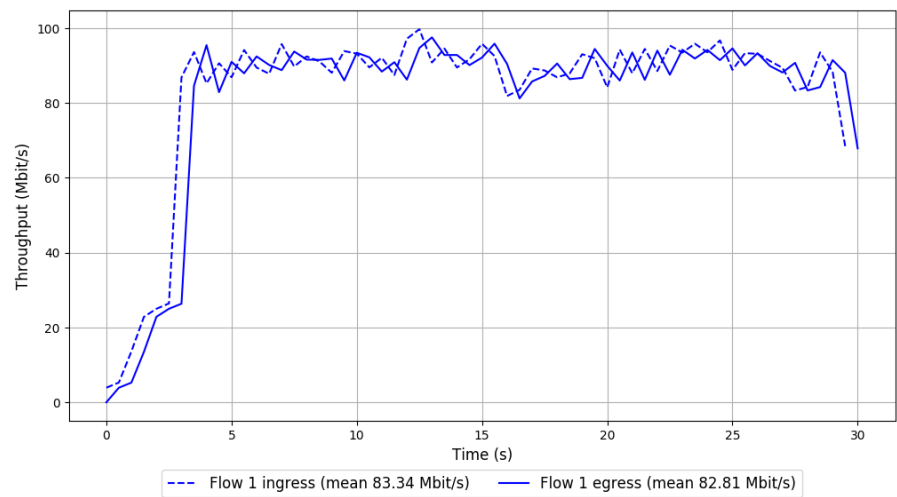
-- Flow 1:

Average throughput: 82.81 Mbit/s

95th percentile per-packet one-way delay: 14.150 ms

Loss rate: 0.65%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-04 03:53:42

End at: 2018-07-04 03:54:12

Local clock offset: -2.769 ms

Remote clock offset: -2.512 ms

Below is generated by plot.py at 2018-07-04 06:15:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 2.861 ms

Loss rate: 0.02%

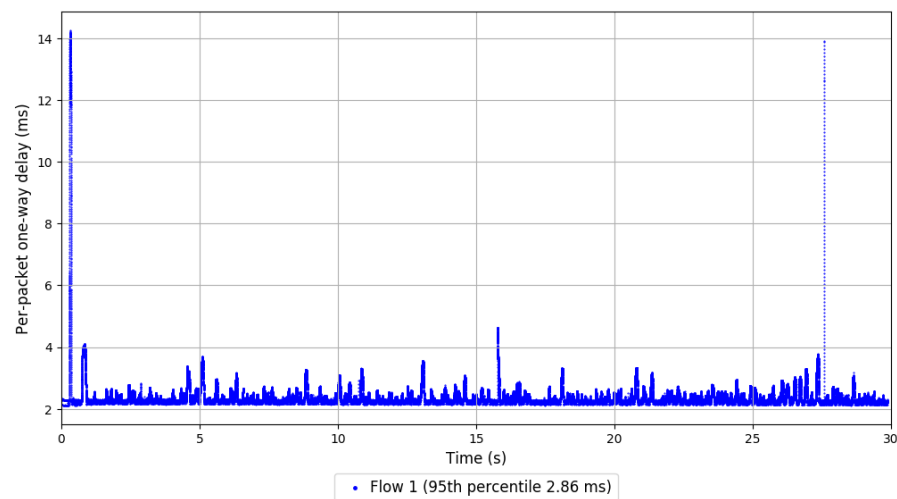
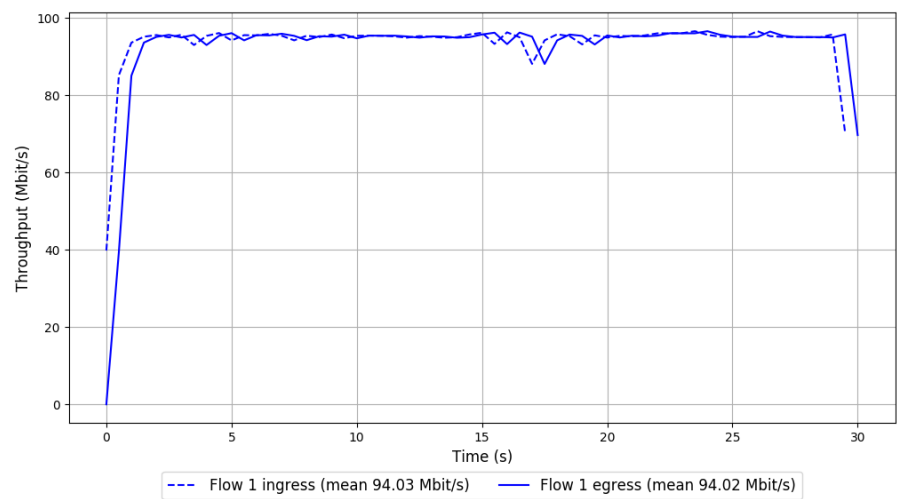
-- Flow 1:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 2.861 ms

Loss rate: 0.02%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-04 04:12:44

End at: 2018-07-04 04:13:15

Local clock offset: -3.866 ms

Remote clock offset: -3.105 ms

Below is generated by plot.py at 2018-07-04 06:15:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 3.093 ms

Loss rate: 0.01%

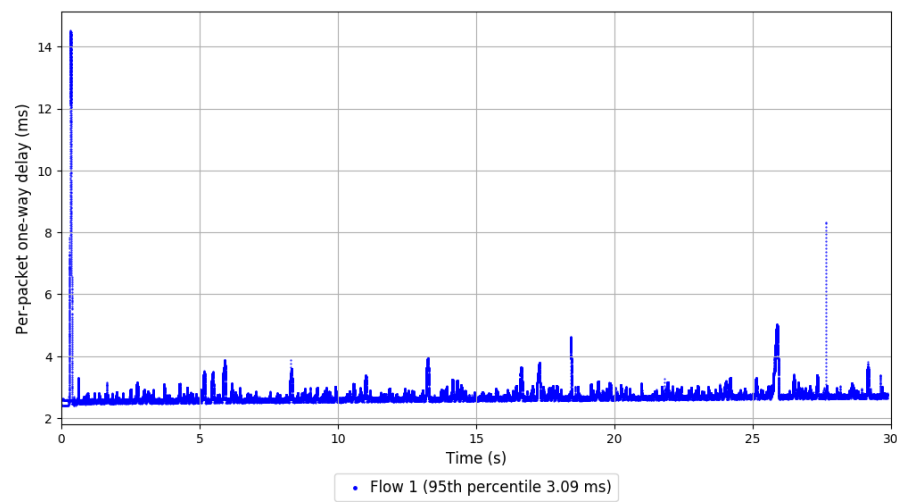
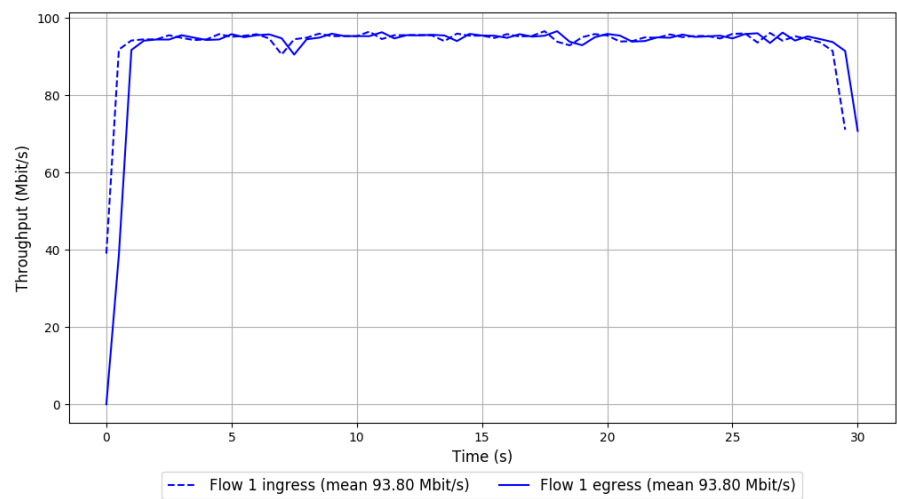
-- Flow 1:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 3.093 ms

Loss rate: 0.01%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-04 04:31:47

End at: 2018-07-04 04:32:17

Local clock offset: -7.689 ms

Remote clock offset: -2.042 ms

Below is generated by plot.py at 2018-07-04 06:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.93 Mbit/s

95th percentile per-packet one-way delay: 13.894 ms

Loss rate: 0.08%

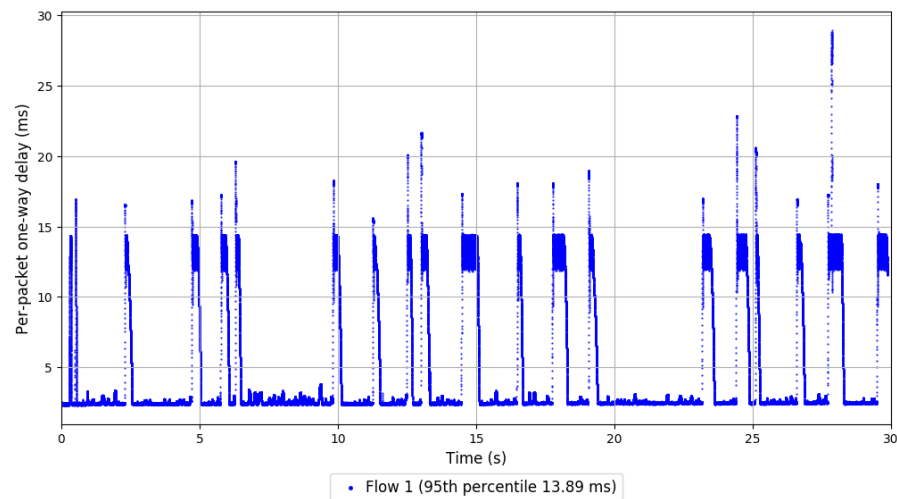
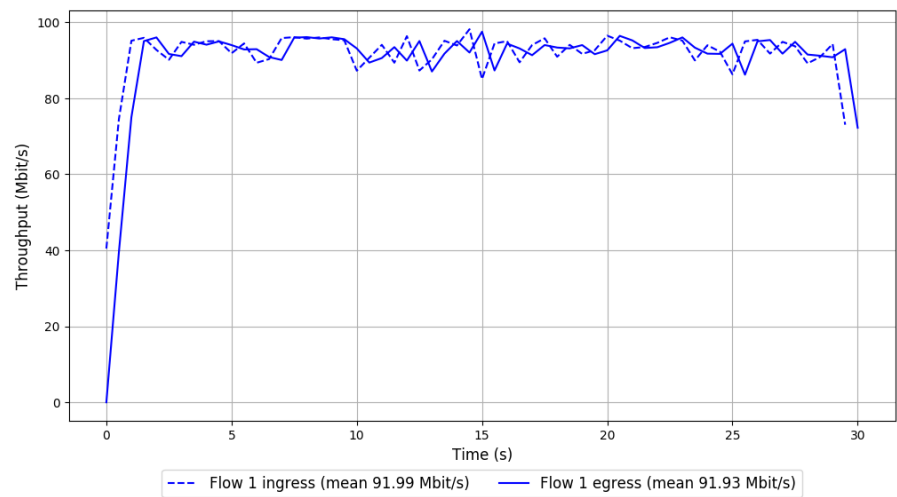
-- Flow 1:

Average throughput: 91.93 Mbit/s

95th percentile per-packet one-way delay: 13.894 ms

Loss rate: 0.08%

Run 6: Report of PCC-Allegro — Data Link

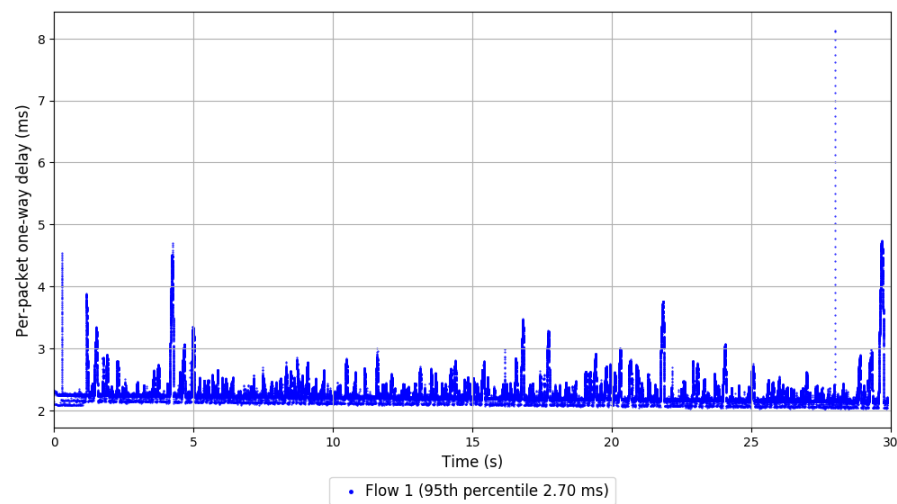
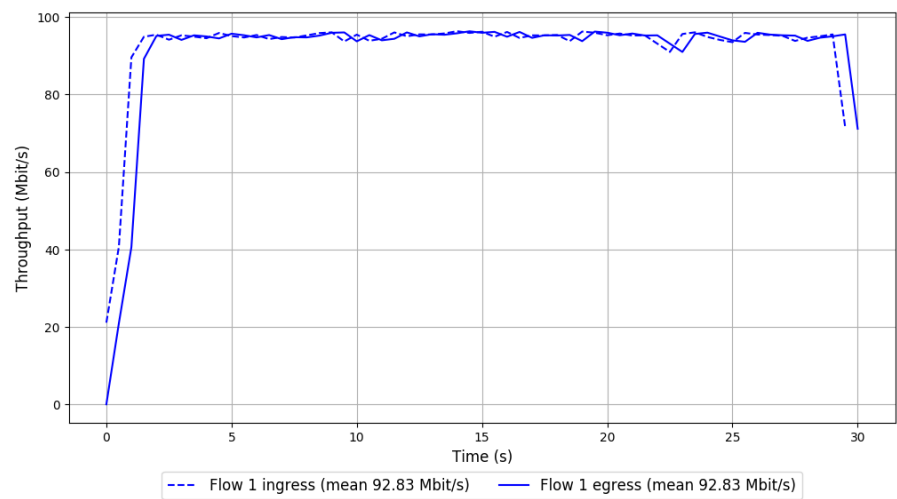


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-04 04:50:48
End at: 2018-07-04 04:51:18
Local clock offset: -3.517 ms
Remote clock offset: -1.272 ms

Below is generated by plot.py at 2018-07-04 06:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 2.703 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 2.703 ms
Loss rate: 0.01%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-04 05:09:49

End at: 2018-07-04 05:10:19

Local clock offset: -1.153 ms

Remote clock offset: -2.398 ms

Below is generated by plot.py at 2018-07-04 06:15:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 14.178 ms

Loss rate: 0.32%

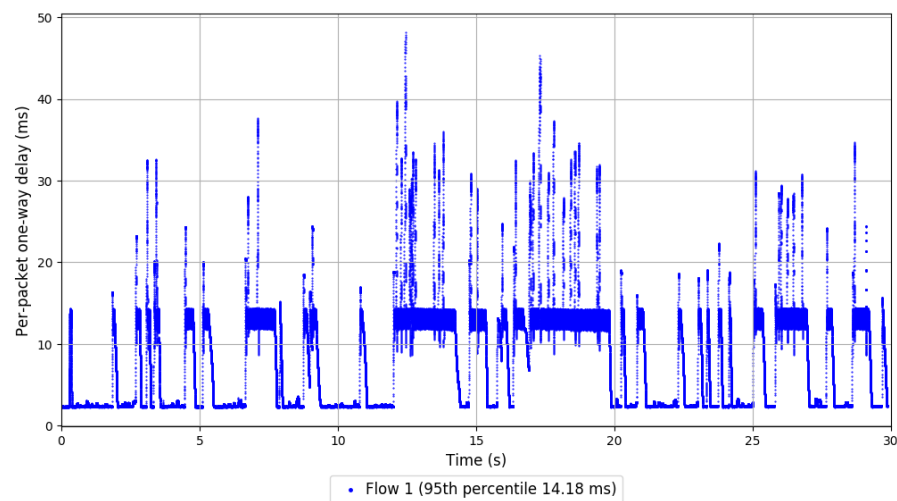
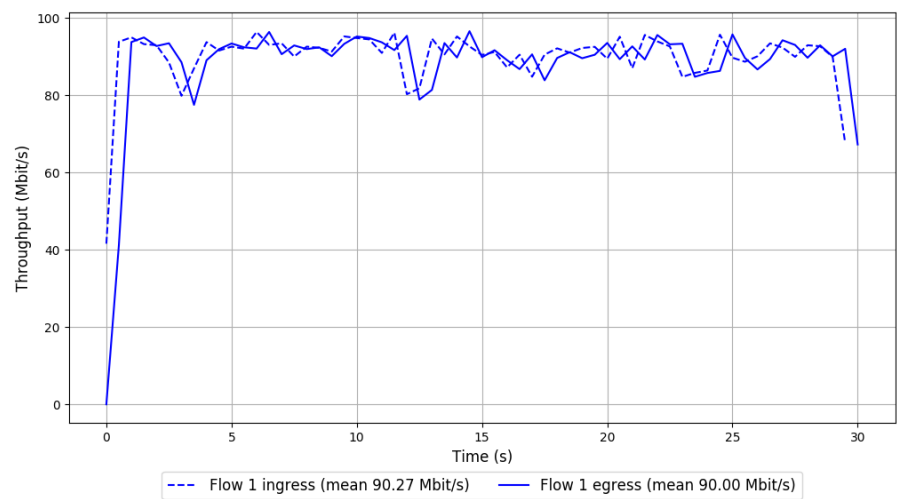
-- Flow 1:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 14.178 ms

Loss rate: 0.32%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-04 05:28:49

End at: 2018-07-04 05:29:19

Local clock offset: -2.078 ms

Remote clock offset: -2.765 ms

Below is generated by plot.py at 2018-07-04 06:15:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 14.066 ms

Loss rate: 0.15%

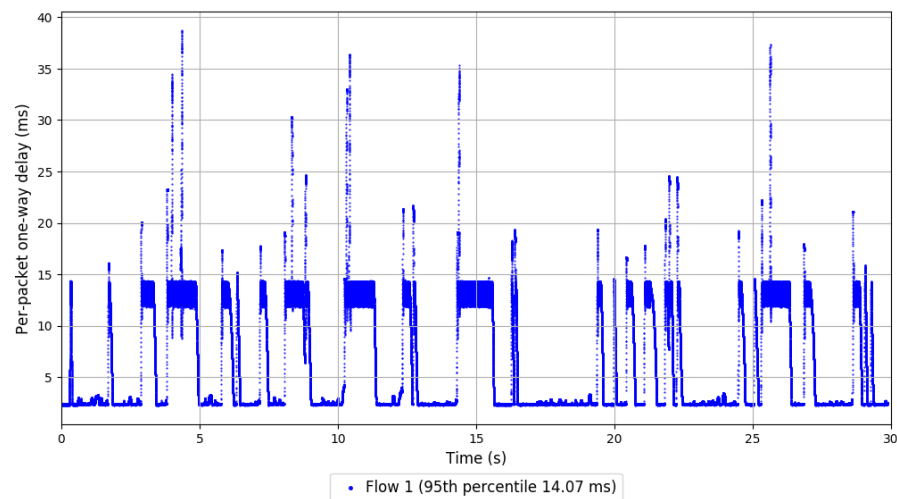
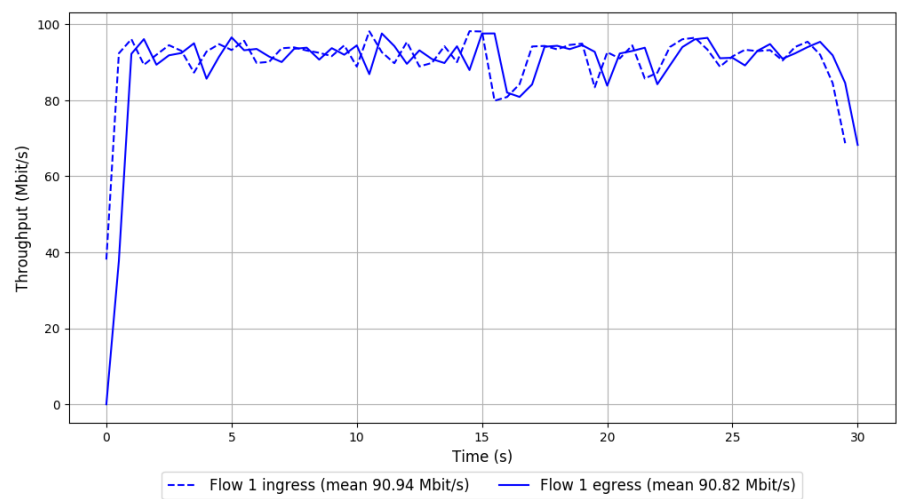
-- Flow 1:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 14.066 ms

Loss rate: 0.15%

Run 9: Report of PCC-Allegro — Data Link

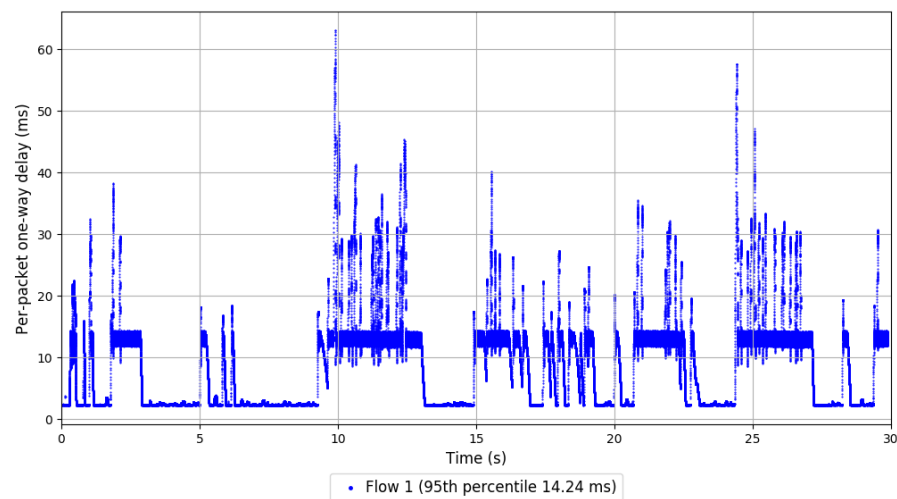
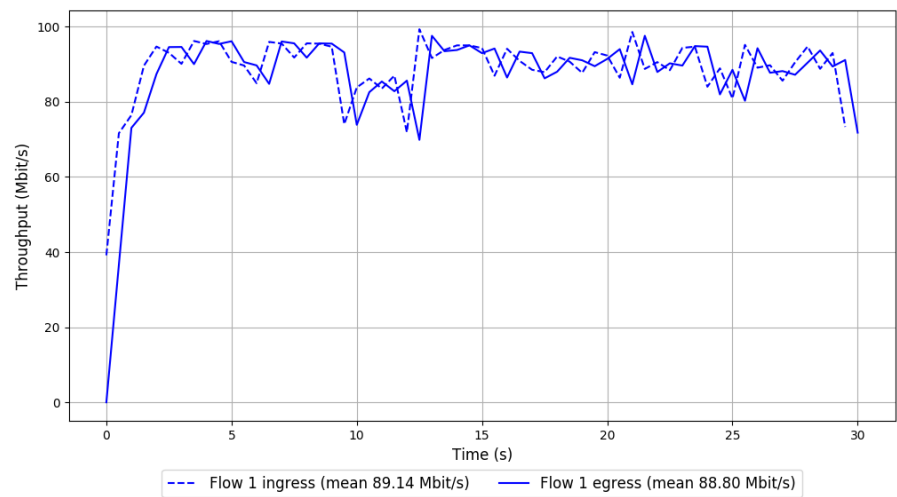


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-04 05:47:47
End at: 2018-07-04 05:48:17
Local clock offset: -2.332 ms
Remote clock offset: -2.065 ms

Below is generated by plot.py at 2018-07-04 06:15:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 14.244 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 14.244 ms
Loss rate: 0.42%

Run 10: Report of PCC-Allegro — Data Link

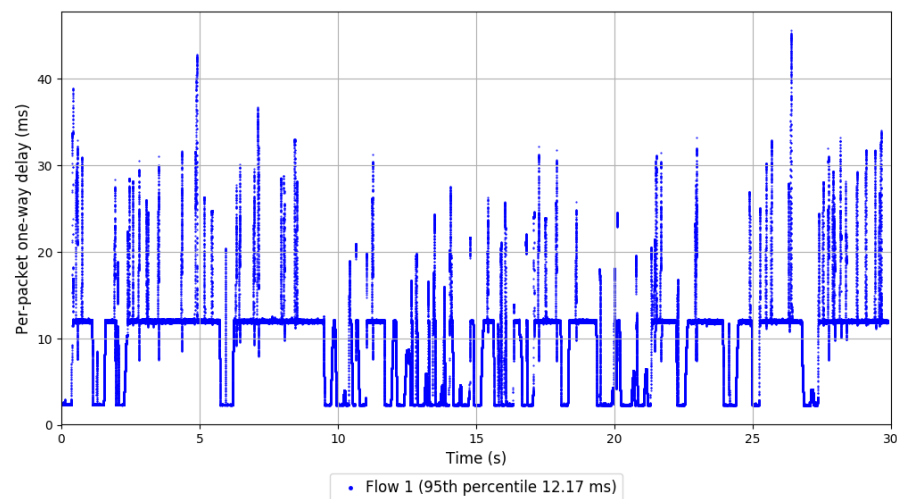
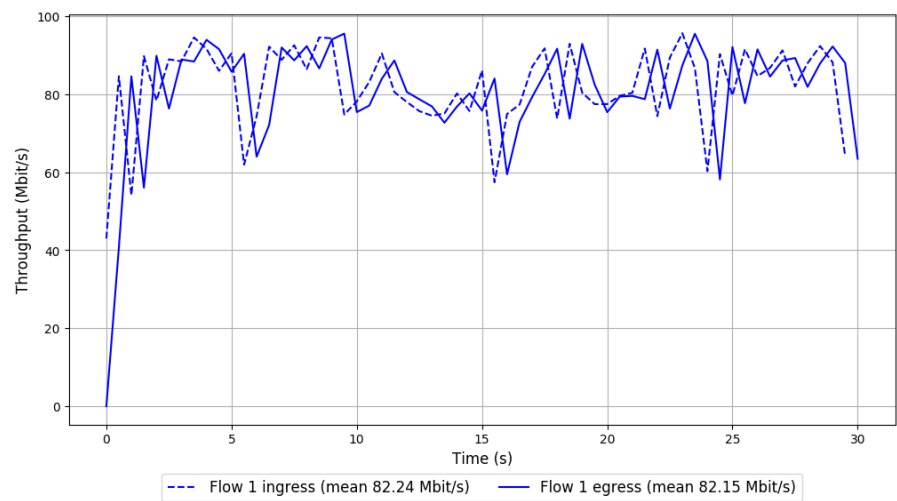


Run 1: Statistics of PCC-Expr

Start at: 2018-07-04 03:05:43
End at: 2018-07-04 03:06:13
Local clock offset: -2.63 ms
Remote clock offset: -8.366 ms

Below is generated by plot.py at 2018-07-04 06:16:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.15 Mbit/s
95th percentile per-packet one-way delay: 12.173 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 82.15 Mbit/s
95th percentile per-packet one-way delay: 12.173 ms
Loss rate: 0.14%

Run 1: Report of PCC-Expr — Data Link

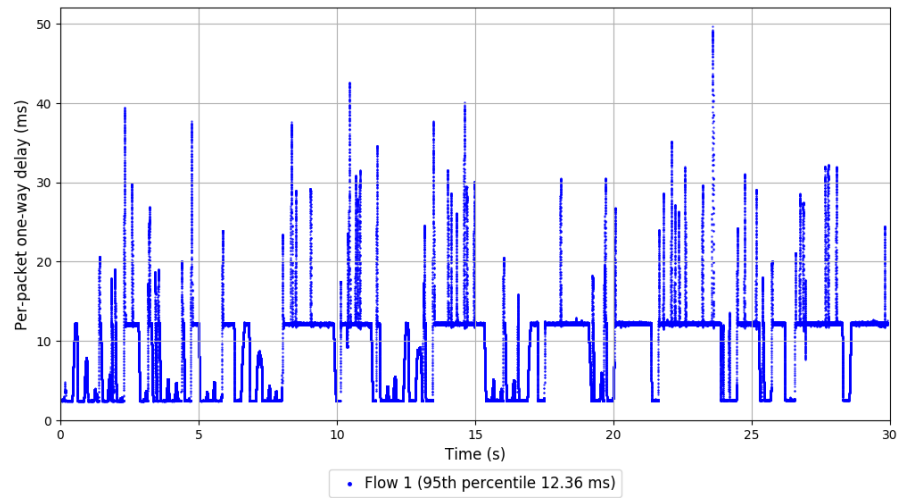
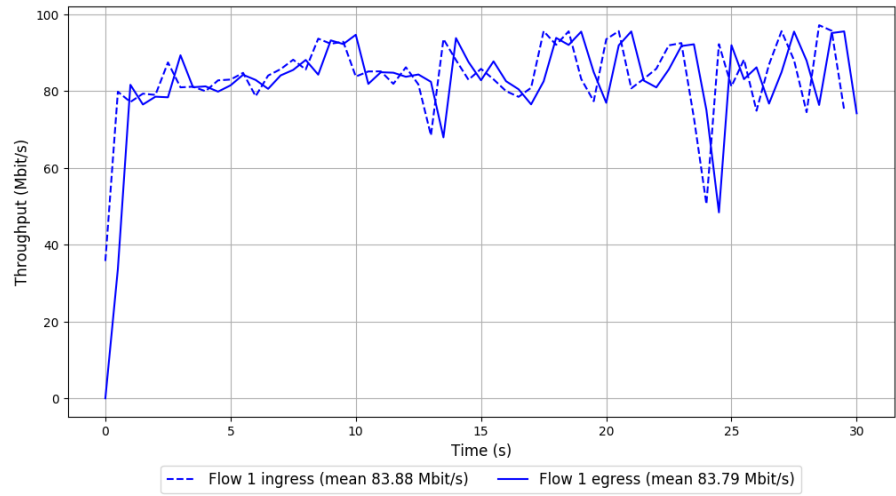


Run 2: Statistics of PCC-Expr

Start at: 2018-07-04 03:24:40
End at: 2018-07-04 03:25:10
Local clock offset: -2.641 ms
Remote clock offset: -4.047 ms

Below is generated by plot.py at 2018-07-04 06:16:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 12.356 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 12.356 ms
Loss rate: 0.14%

Run 2: Report of PCC-Expr — Data Link

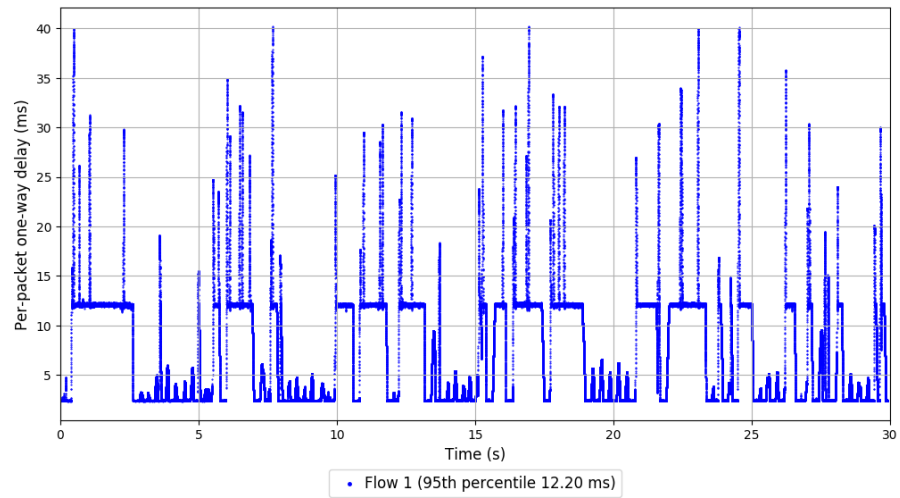
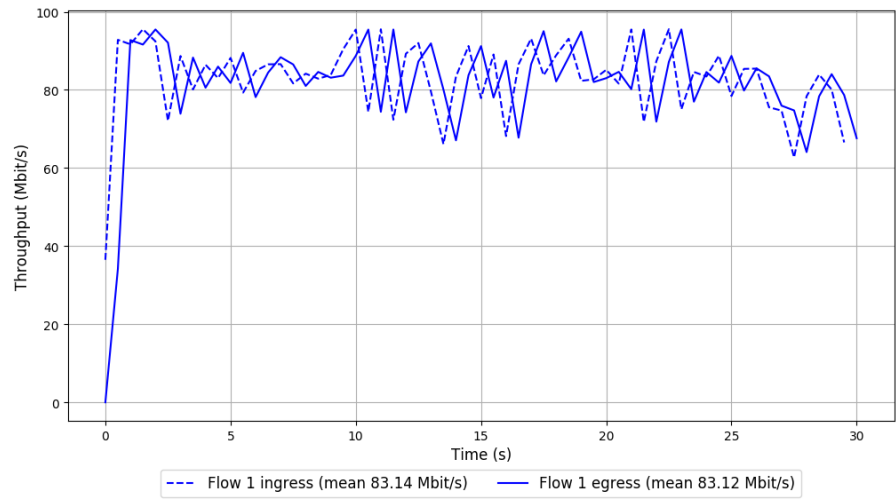


Run 3: Statistics of PCC-Expr

Start at: 2018-07-04 03:43:40
End at: 2018-07-04 03:44:10
Local clock offset: -2.625 ms
Remote clock offset: -2.044 ms

Below is generated by plot.py at 2018-07-04 06:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 12.196 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 83.12 Mbit/s
95th percentile per-packet one-way delay: 12.196 ms
Loss rate: 0.05%

Run 3: Report of PCC-Expr — Data Link

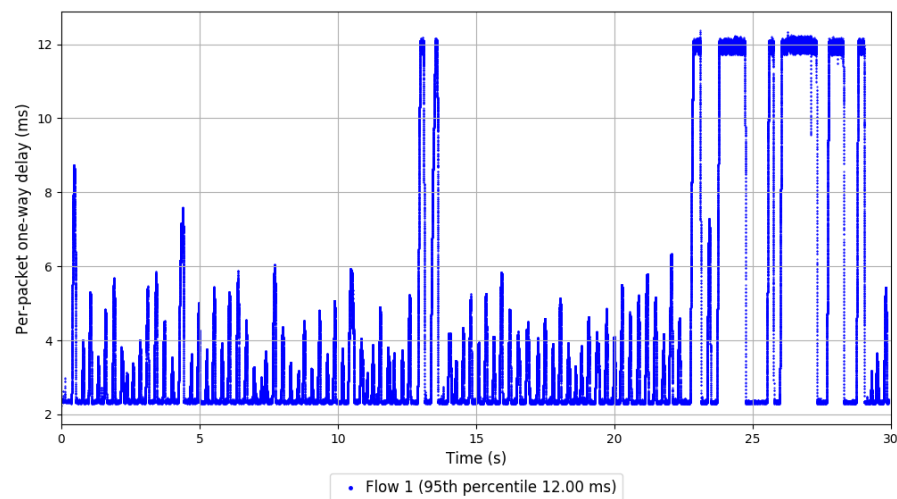
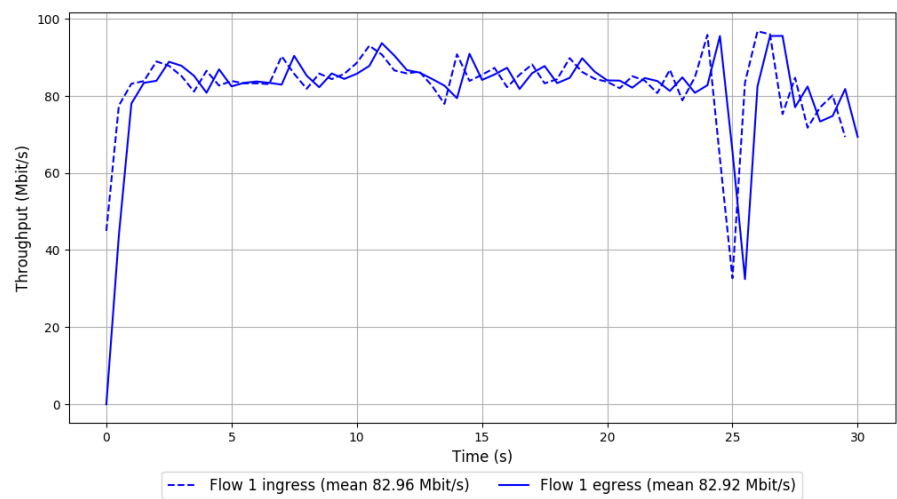


Run 4: Statistics of PCC-Expr

Start at: 2018-07-04 04:02:42
End at: 2018-07-04 04:03:12
Local clock offset: -2.714 ms
Remote clock offset: -2.894 ms

Below is generated by plot.py at 2018-07-04 06:16:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 11.998 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 11.998 ms
Loss rate: 0.06%

Run 4: Report of PCC-Expr — Data Link

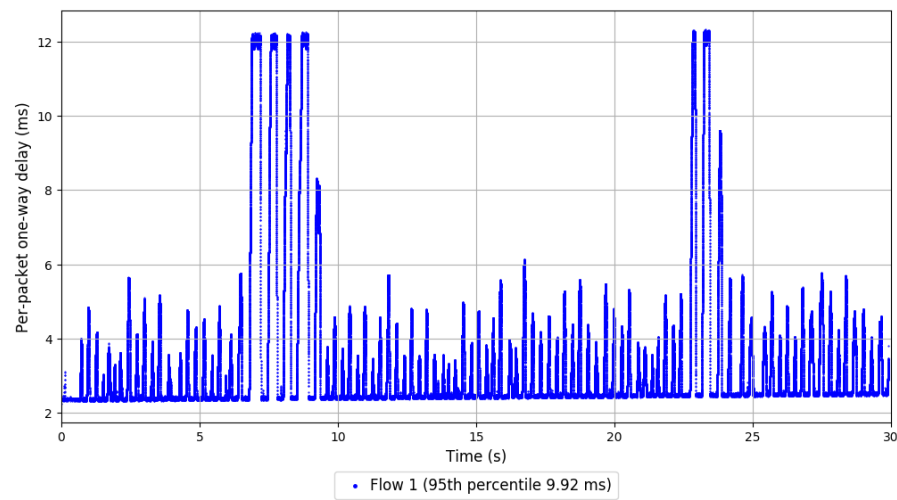
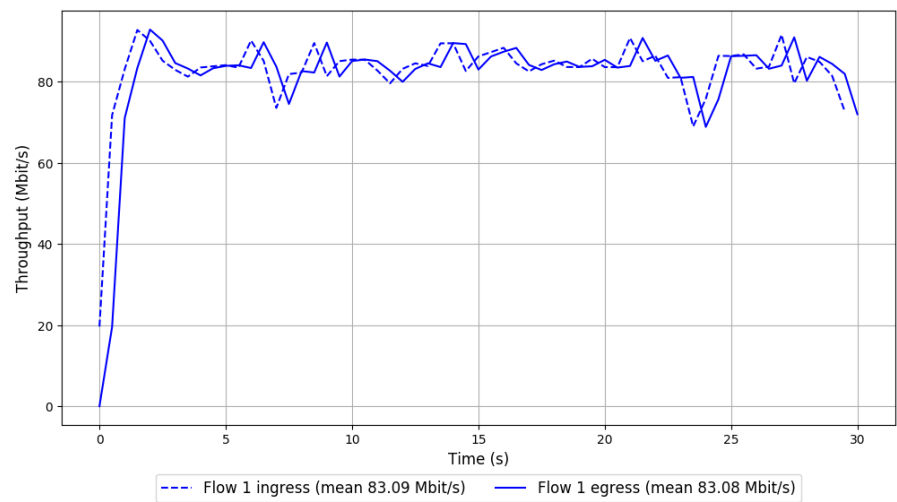


Run 5: Statistics of PCC-Expr

Start at: 2018-07-04 04:21:45
End at: 2018-07-04 04:22:15
Local clock offset: -6.388 ms
Remote clock offset: -3.041 ms

Below is generated by plot.py at 2018-07-04 06:17:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: 9.916 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: 9.916 ms
Loss rate: 0.03%

Run 5: Report of PCC-Expr — Data Link

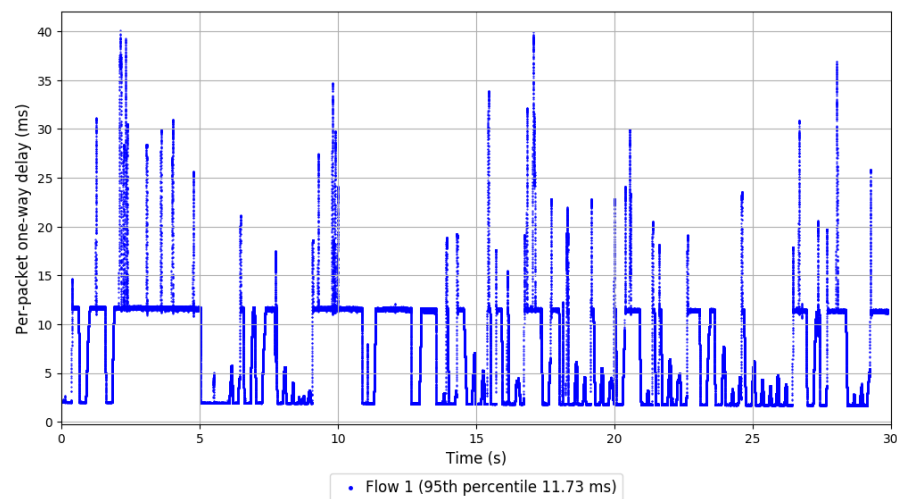
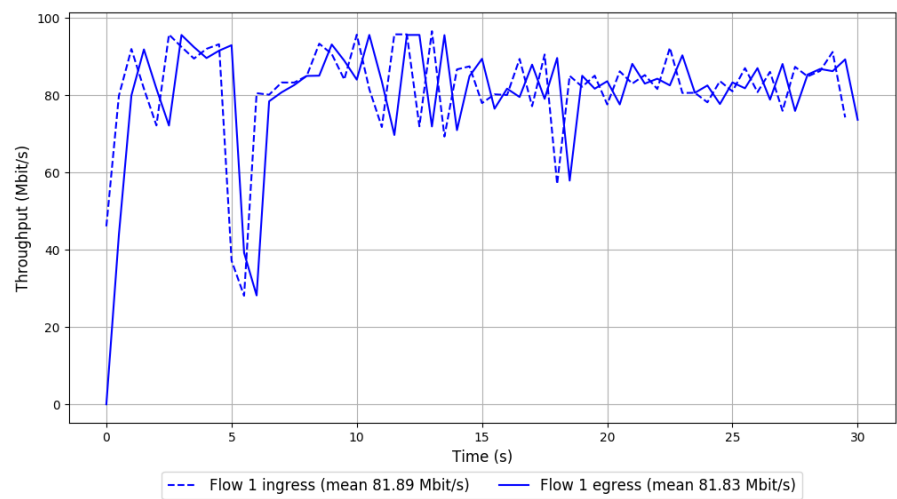


Run 6: Statistics of PCC-Expr

Start at: 2018-07-04 04:40:46
End at: 2018-07-04 04:41:16
Local clock offset: -8.049 ms
Remote clock offset: -1.516 ms

Below is generated by plot.py at 2018-07-04 06:17:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: 11.733 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: 11.733 ms
Loss rate: 0.11%

Run 6: Report of PCC-Expr — Data Link

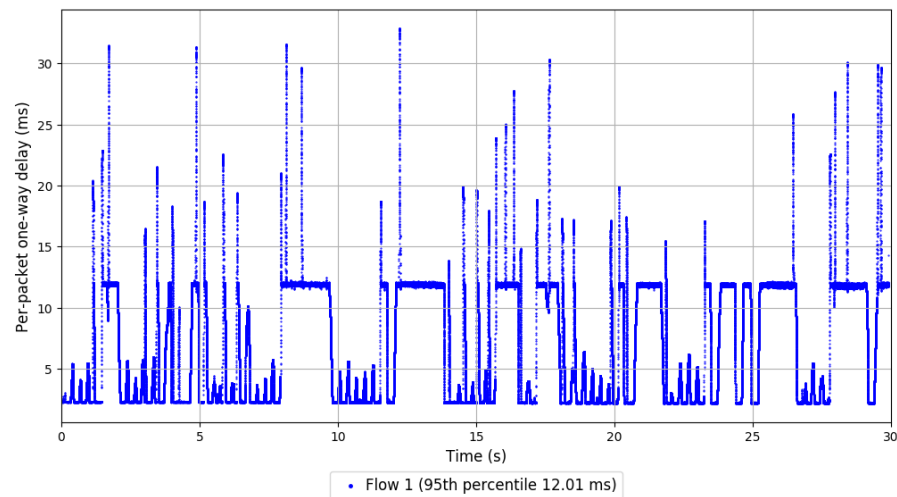
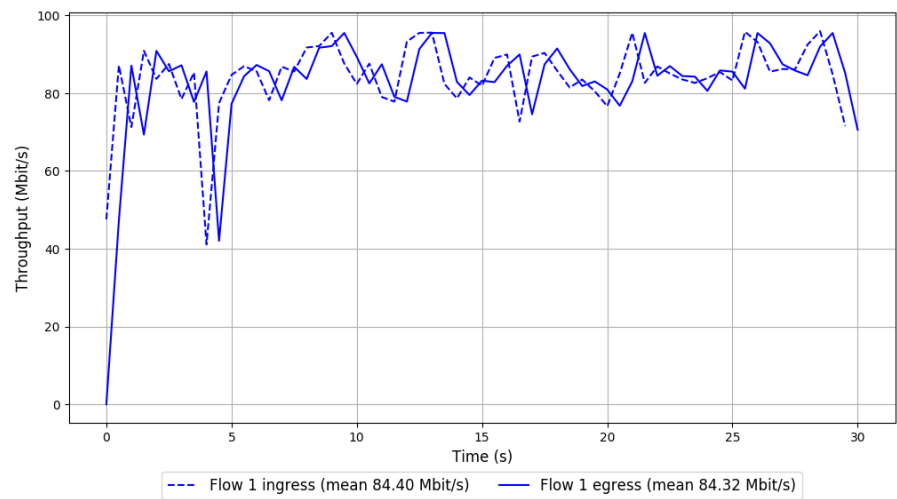


Run 7: Statistics of PCC-Expr

Start at: 2018-07-04 04:59:47
End at: 2018-07-04 05:00:17
Local clock offset: -1.922 ms
Remote clock offset: -1.676 ms

Below is generated by plot.py at 2018-07-04 06:17:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 12.007 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 12.007 ms
Loss rate: 0.11%

Run 7: Report of PCC-Expr — Data Link

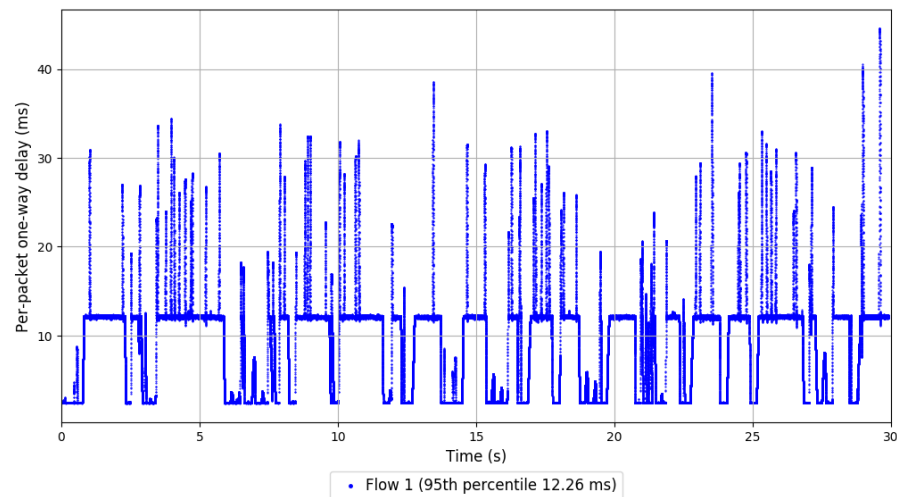
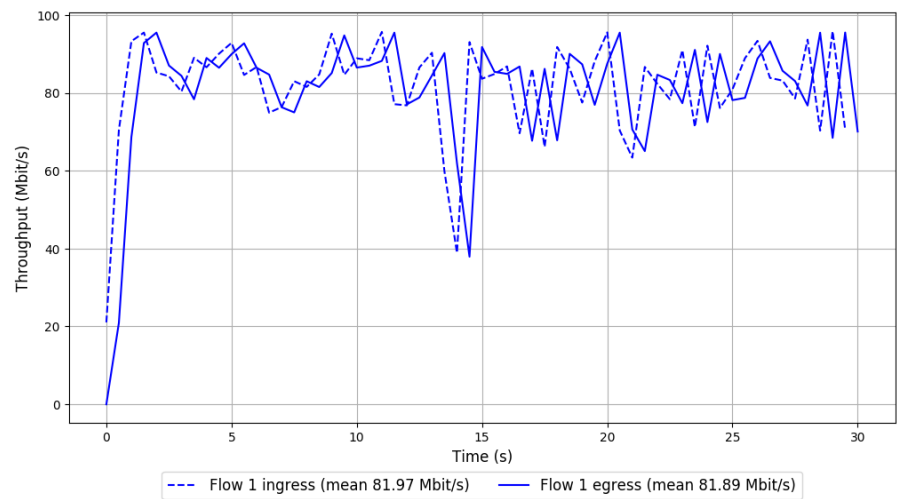


Run 8: Statistics of PCC-Expr

Start at: 2018-07-04 05:18:47
End at: 2018-07-04 05:19:17
Local clock offset: -1.871 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2018-07-04 06:17:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.89 Mbit/s
95th percentile per-packet one-way delay: 12.257 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 81.89 Mbit/s
95th percentile per-packet one-way delay: 12.257 ms
Loss rate: 0.13%

Run 8: Report of PCC-Expr — Data Link

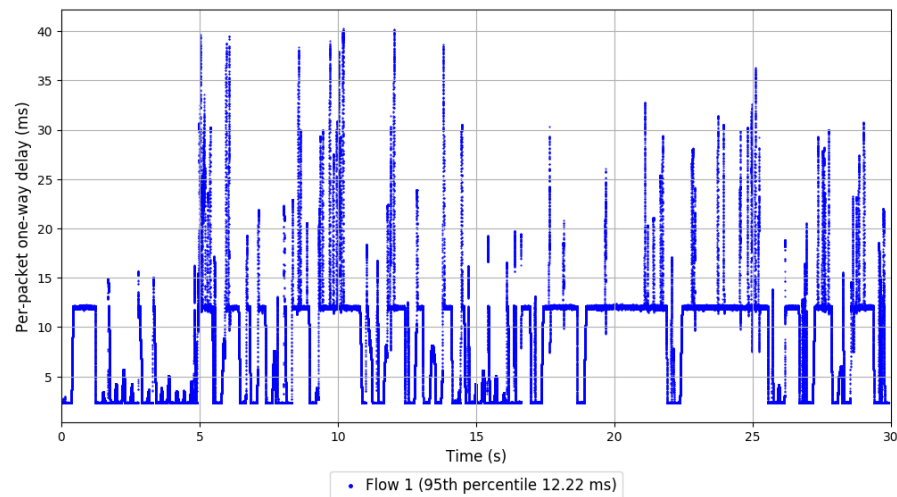
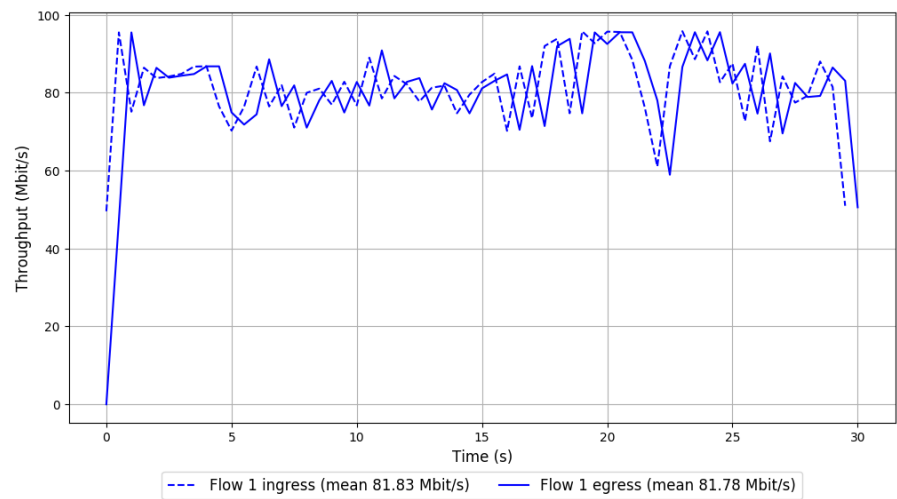


Run 9: Statistics of PCC-Expr

Start at: 2018-07-04 05:37:45
End at: 2018-07-04 05:38:15
Local clock offset: -2.059 ms
Remote clock offset: -2.298 ms

Below is generated by plot.py at 2018-07-04 06:18:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.78 Mbit/s
95th percentile per-packet one-way delay: 12.216 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.78 Mbit/s
95th percentile per-packet one-way delay: 12.216 ms
Loss rate: 0.08%

Run 9: Report of PCC-Expr — Data Link

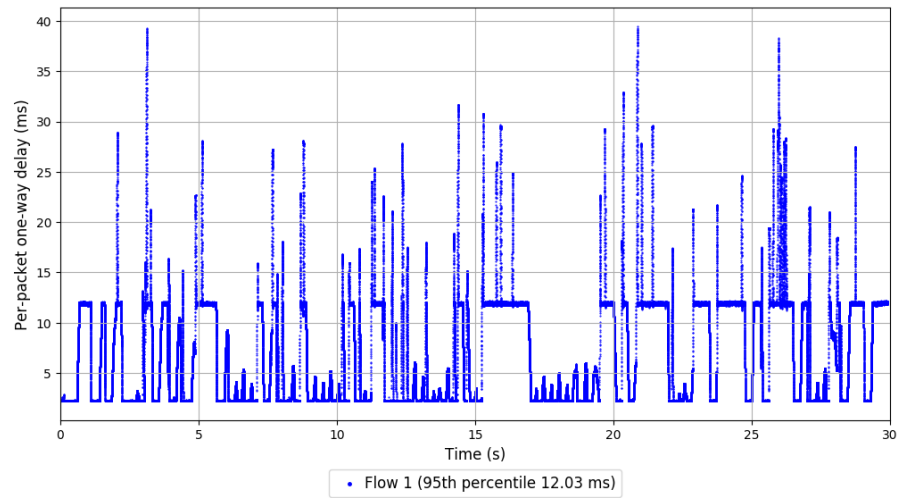
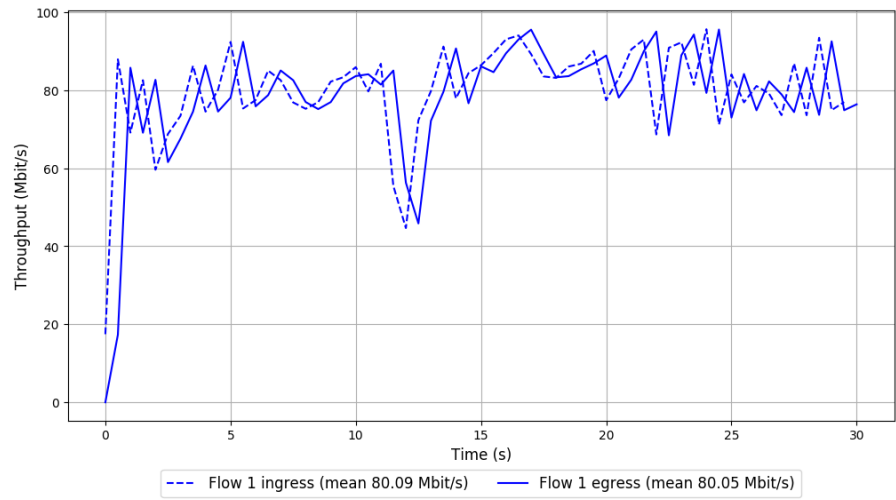


Run 10: Statistics of PCC-Expr

Start at: 2018-07-04 05:56:45
End at: 2018-07-04 05:57:15
Local clock offset: -2.506 ms
Remote clock offset: -1.958 ms

Below is generated by plot.py at 2018-07-04 06:18:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 12.025 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 12.025 ms
Loss rate: 0.08%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-07-04 03:00:08

End at: 2018-07-04 03:00:38

Local clock offset: -2.588 ms

Remote clock offset: -7.745 ms

Below is generated by plot.py at 2018-07-04 06:18:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.01 Mbit/s

95th percentile per-packet one-way delay: 13.688 ms

Loss rate: 0.05%

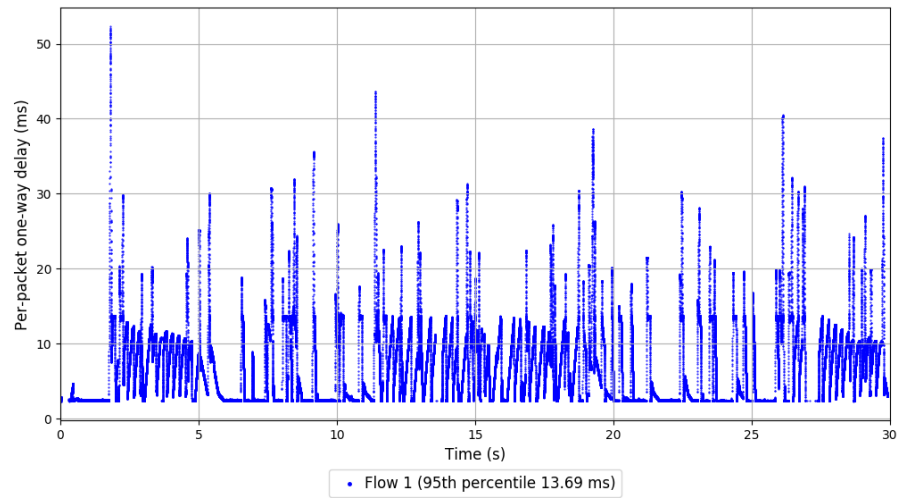
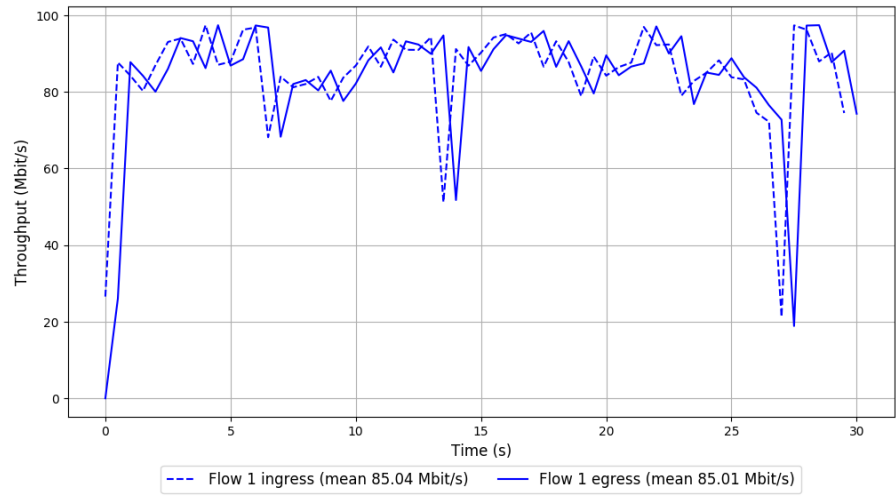
-- Flow 1:

Average throughput: 85.01 Mbit/s

95th percentile per-packet one-way delay: 13.688 ms

Loss rate: 0.05%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-07-04 03:19:08

End at: 2018-07-04 03:19:38

Local clock offset: -2.652 ms

Remote clock offset: -5.649 ms

Below is generated by plot.py at 2018-07-04 06:18:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 12.552 ms

Loss rate: 0.05%

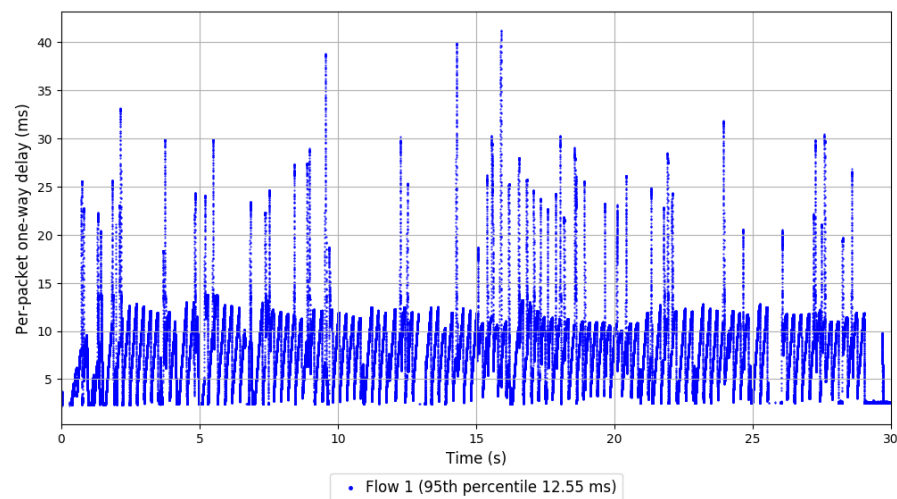
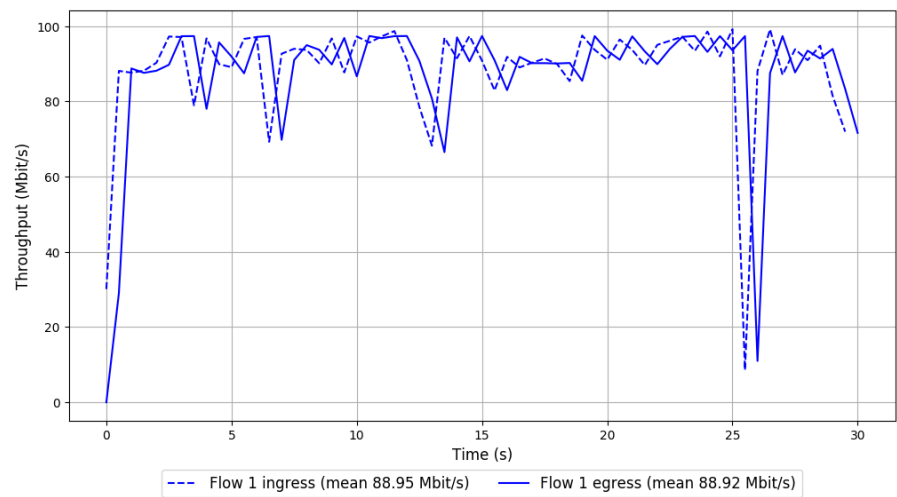
-- Flow 1:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 12.552 ms

Loss rate: 0.05%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-04 03:38:05

End at: 2018-07-04 03:38:35

Local clock offset: -2.585 ms

Remote clock offset: -2.312 ms

Below is generated by plot.py at 2018-07-04 06:18:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.52 Mbit/s

95th percentile per-packet one-way delay: 13.586 ms

Loss rate: 0.04%

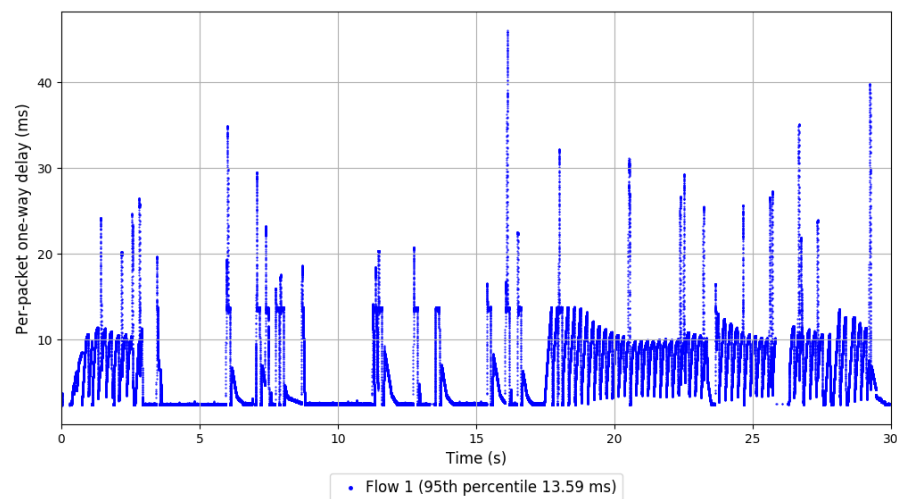
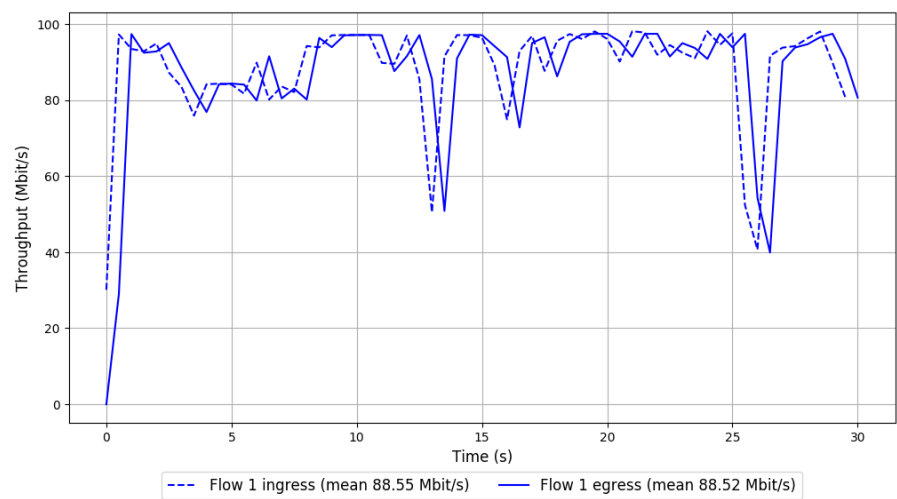
-- Flow 1:

Average throughput: 88.52 Mbit/s

95th percentile per-packet one-way delay: 13.586 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-04 03:57:06

End at: 2018-07-04 03:57:36

Local clock offset: -2.768 ms

Remote clock offset: -2.791 ms

Below is generated by plot.py at 2018-07-04 06:18:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.67 Mbit/s

95th percentile per-packet one-way delay: 11.399 ms

Loss rate: 0.08%

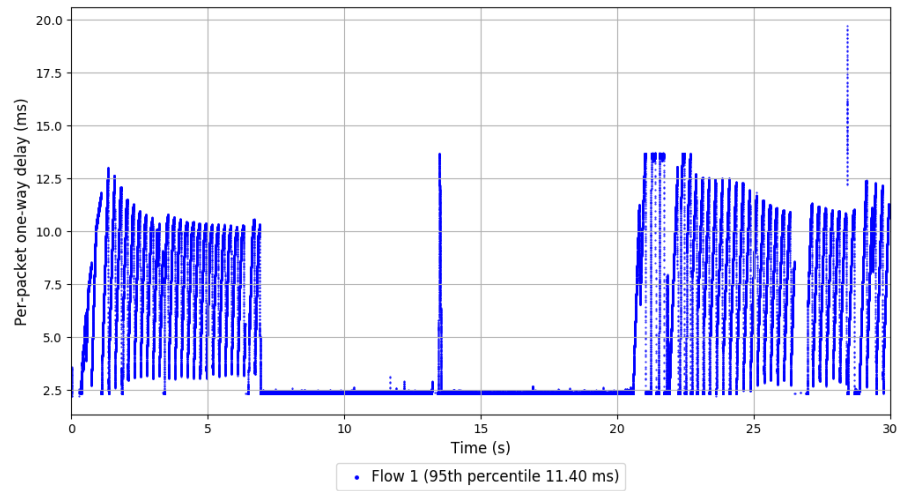
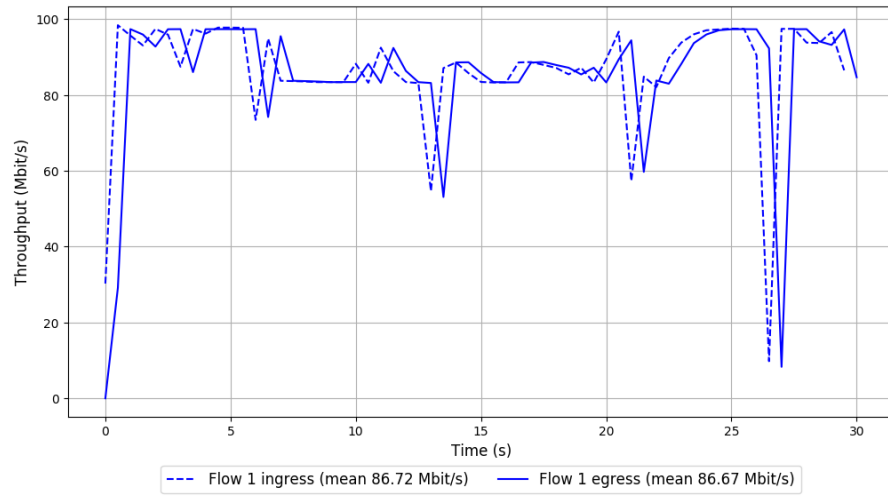
-- Flow 1:

Average throughput: 86.67 Mbit/s

95th percentile per-packet one-way delay: 11.399 ms

Loss rate: 0.08%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-04 04:16:08

End at: 2018-07-04 04:16:39

Local clock offset: -5.026 ms

Remote clock offset: -3.13 ms

Below is generated by plot.py at 2018-07-04 06:18:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.94 Mbit/s

95th percentile per-packet one-way delay: 10.908 ms

Loss rate: 0.04%

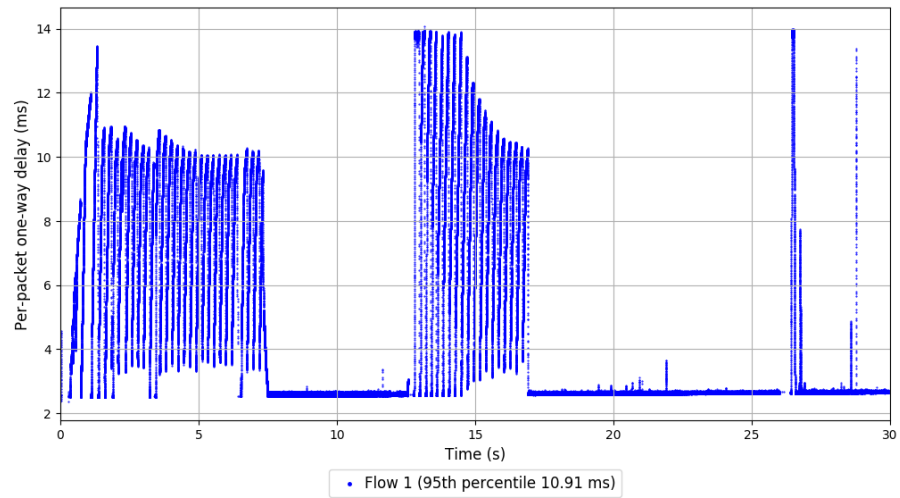
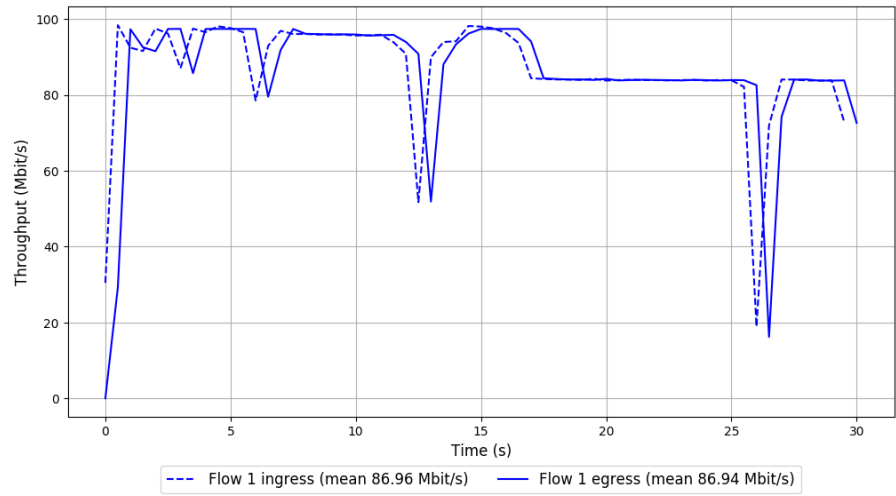
-- Flow 1:

Average throughput: 86.94 Mbit/s

95th percentile per-packet one-way delay: 10.908 ms

Loss rate: 0.04%

Run 5: Report of QUIC Cubic — Data Link

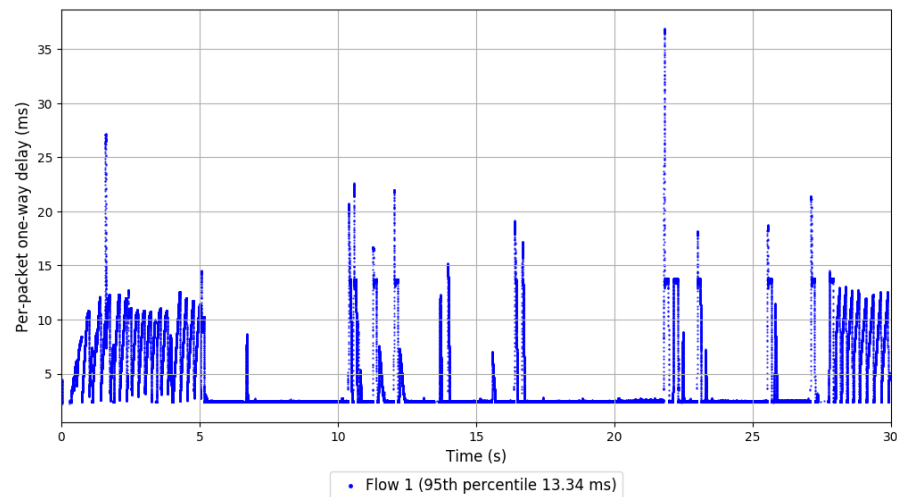
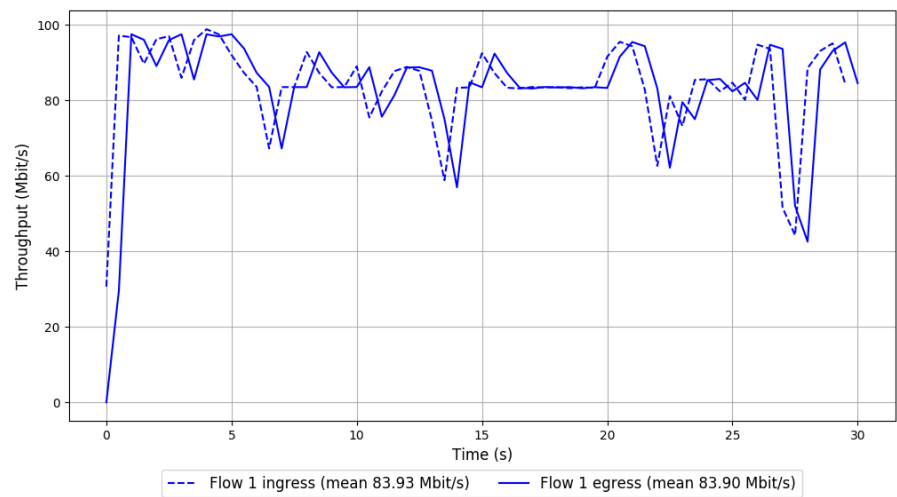


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-04 04:35:11
End at: 2018-07-04 04:35:41
Local clock offset: -7.924 ms
Remote clock offset: -1.734 ms

Below is generated by plot.py at 2018-07-04 06:18:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.90 Mbit/s
95th percentile per-packet one-way delay: 13.339 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.90 Mbit/s
95th percentile per-packet one-way delay: 13.339 ms
Loss rate: 0.04%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-04 04:54:12

End at: 2018-07-04 04:54:42

Local clock offset: -2.79 ms

Remote clock offset: -1.247 ms

Below is generated by plot.py at 2018-07-04 06:19:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.39 Mbit/s

95th percentile per-packet one-way delay: 10.938 ms

Loss rate: 0.04%

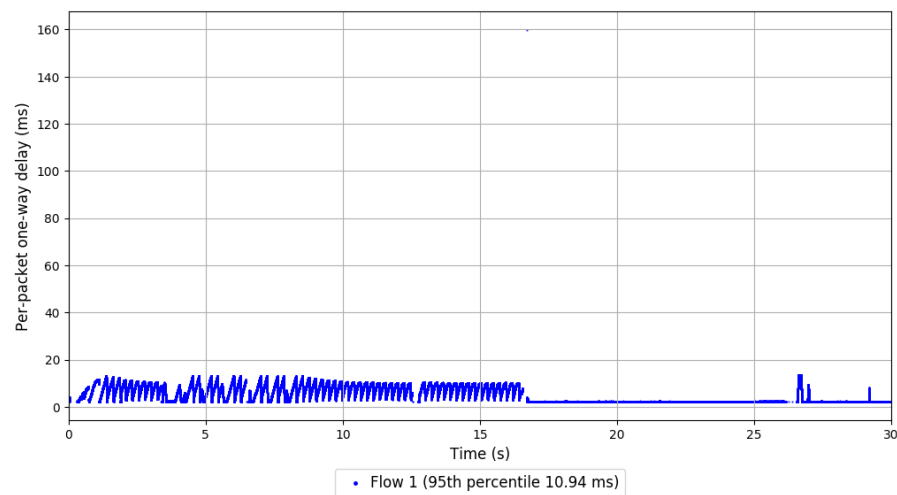
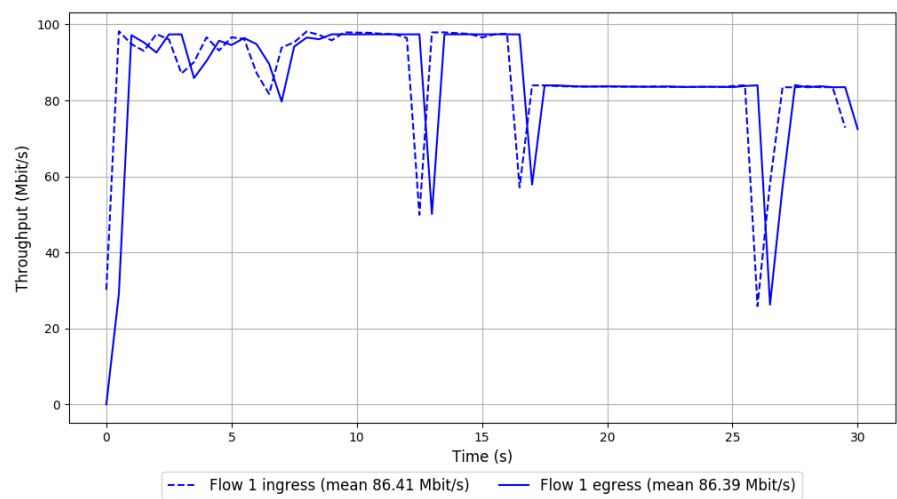
-- Flow 1:

Average throughput: 86.39 Mbit/s

95th percentile per-packet one-way delay: 10.938 ms

Loss rate: 0.04%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-04 05:13:12

End at: 2018-07-04 05:13:42

Local clock offset: -1.485 ms

Remote clock offset: -2.53 ms

Below is generated by plot.py at 2018-07-04 06:19:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.81 Mbit/s

95th percentile per-packet one-way delay: 13.667 ms

Loss rate: 0.04%

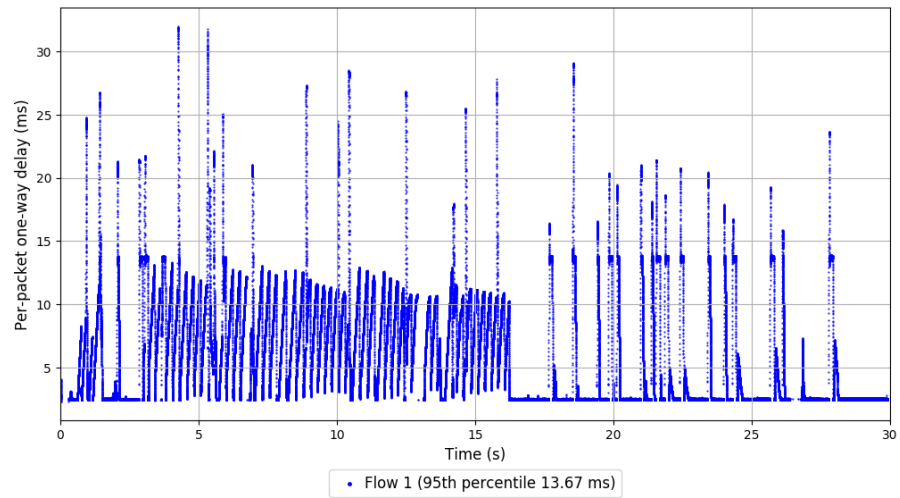
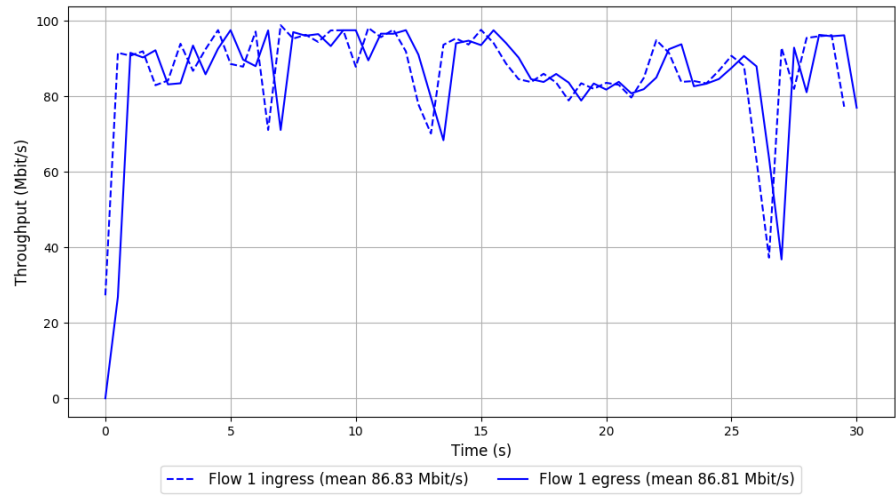
-- Flow 1:

Average throughput: 86.81 Mbit/s

95th percentile per-packet one-way delay: 13.667 ms

Loss rate: 0.04%

Run 8: Report of QUIC Cubic — Data Link

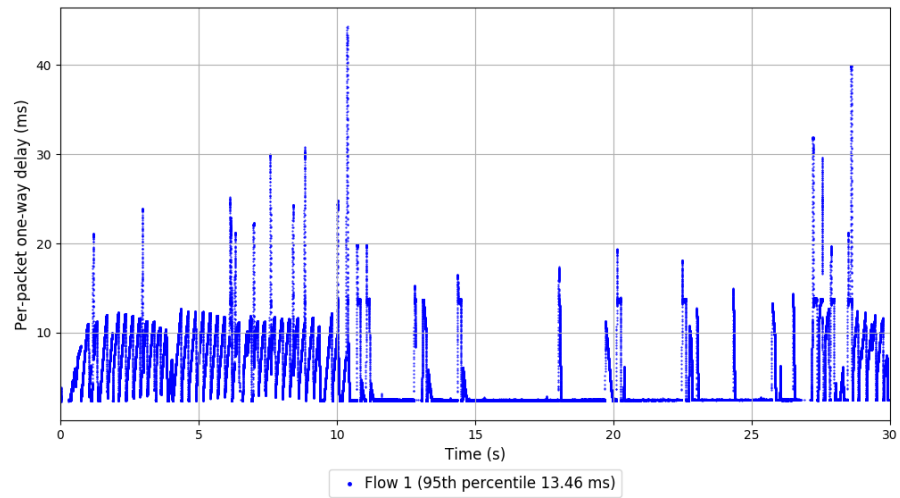
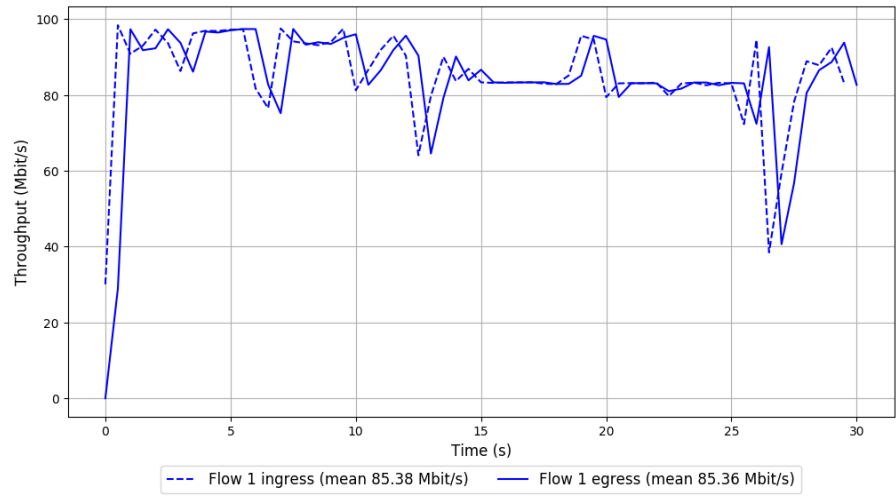


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-04 05:32:13
End at: 2018-07-04 05:32:43
Local clock offset: -2.074 ms
Remote clock offset: -2.561 ms

Below is generated by plot.py at 2018-07-04 06:19:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 13.459 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 13.459 ms
Loss rate: 0.04%

Run 9: Report of QUIC Cubic — Data Link

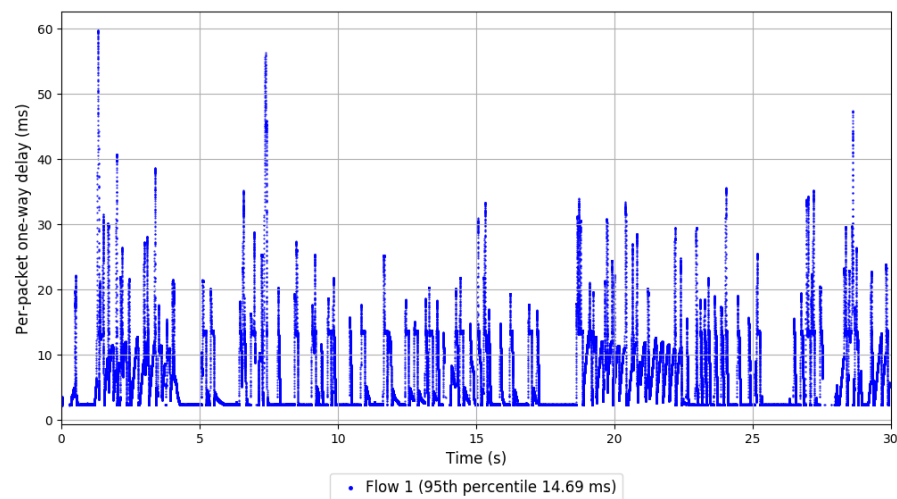
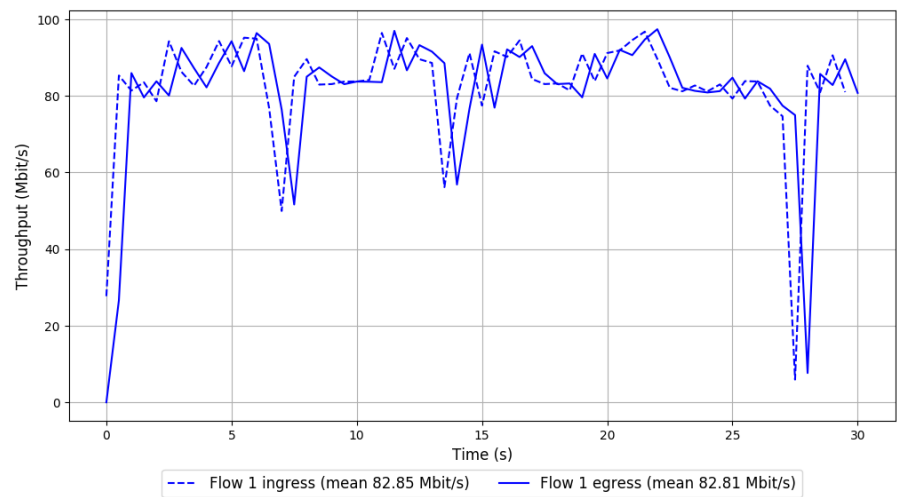


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-04 05:51:10
End at: 2018-07-04 05:51:40
Local clock offset: -2.384 ms
Remote clock offset: -2.025 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 14.689 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 14.689 ms
Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link

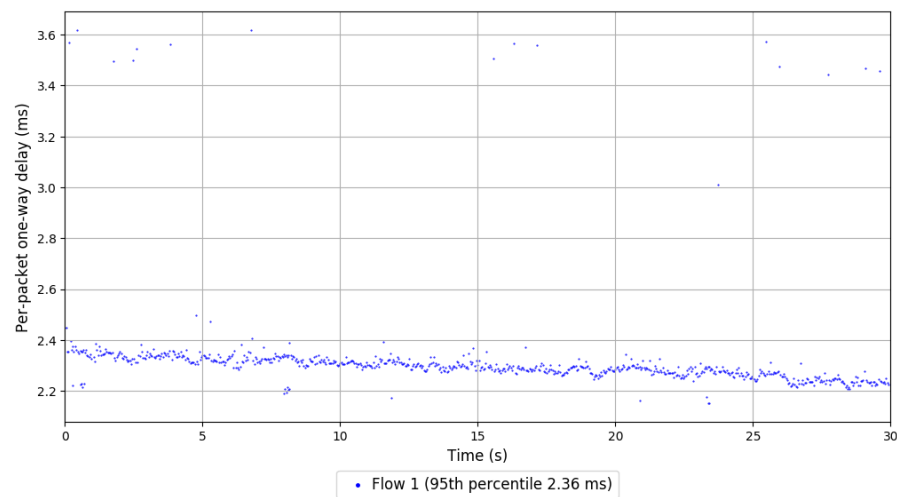
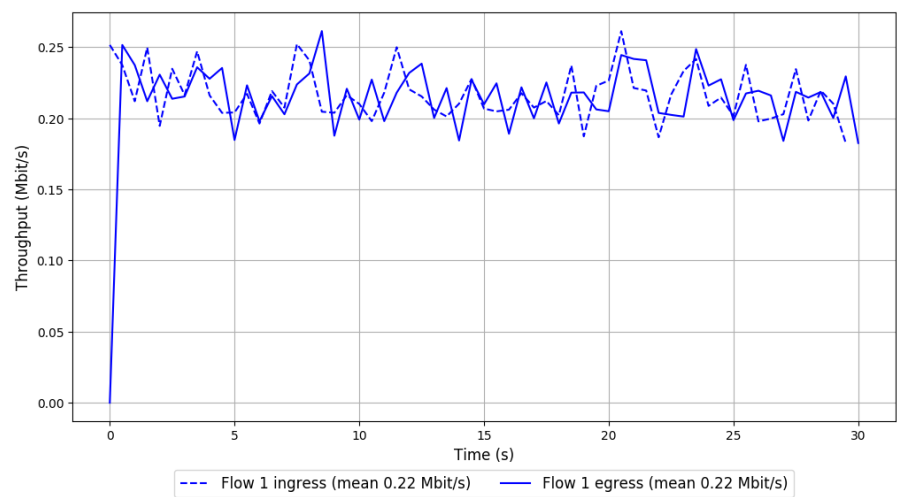


Run 1: Statistics of SCReAM

Start at: 2018-07-04 02:52:21
End at: 2018-07-04 02:52:52
Local clock offset: -2.371 ms
Remote clock offset: -6.207 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

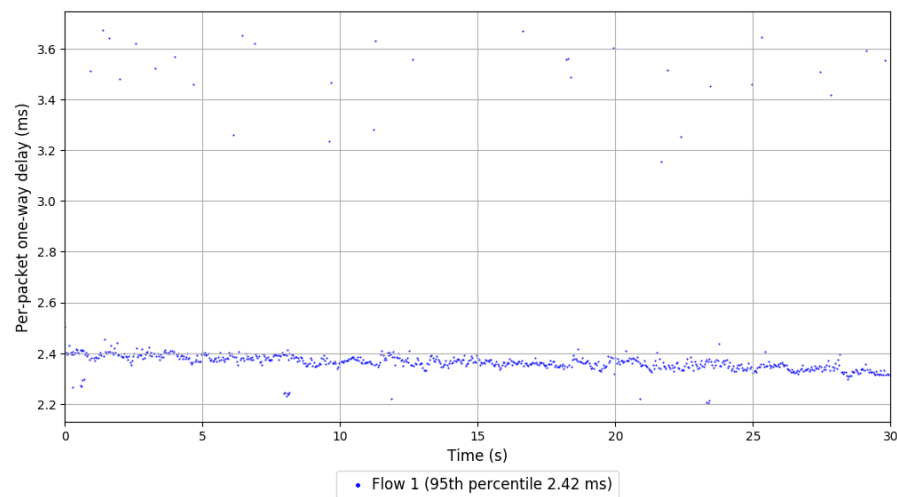
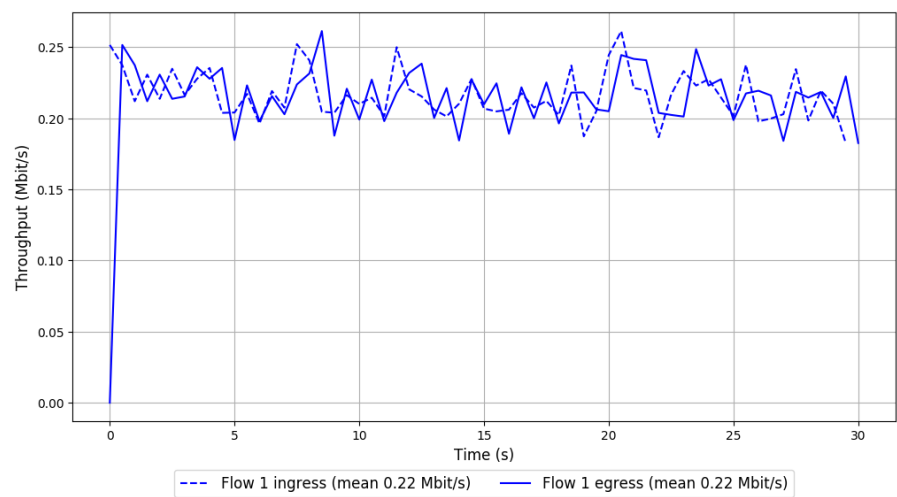


Run 2: Statistics of SCReAM

Start at: 2018-07-04 03:11:21
End at: 2018-07-04 03:11:51
Local clock offset: -2.632 ms
Remote clock offset: -8.971 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

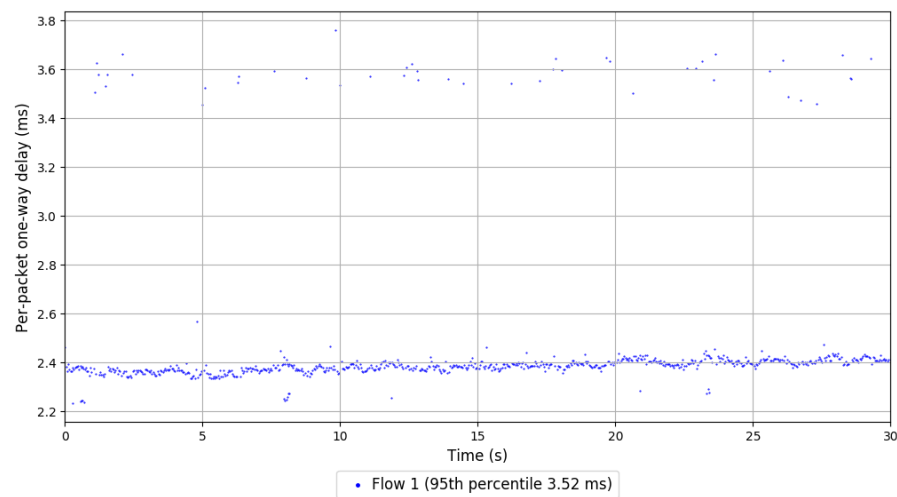
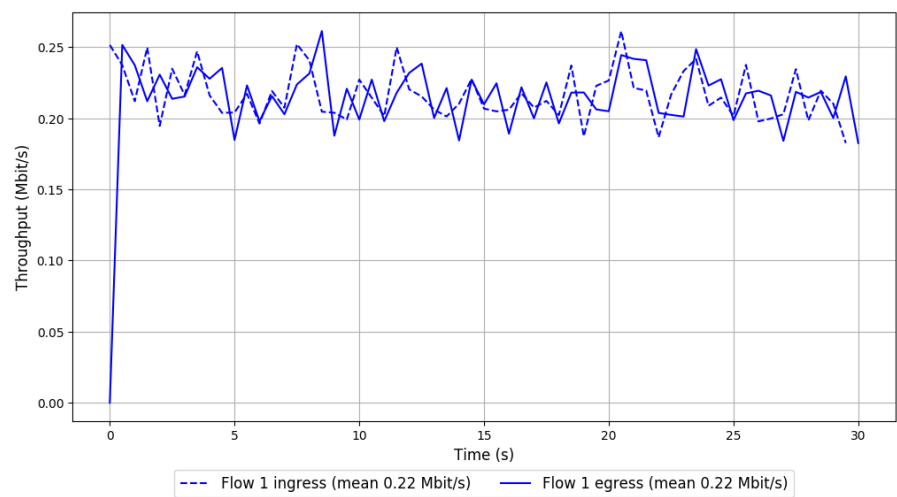


Run 3: Statistics of SCReAM

Start at: 2018-07-04 03:30:18
End at: 2018-07-04 03:30:48
Local clock offset: -2.665 ms
Remote clock offset: -3.037 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.524 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

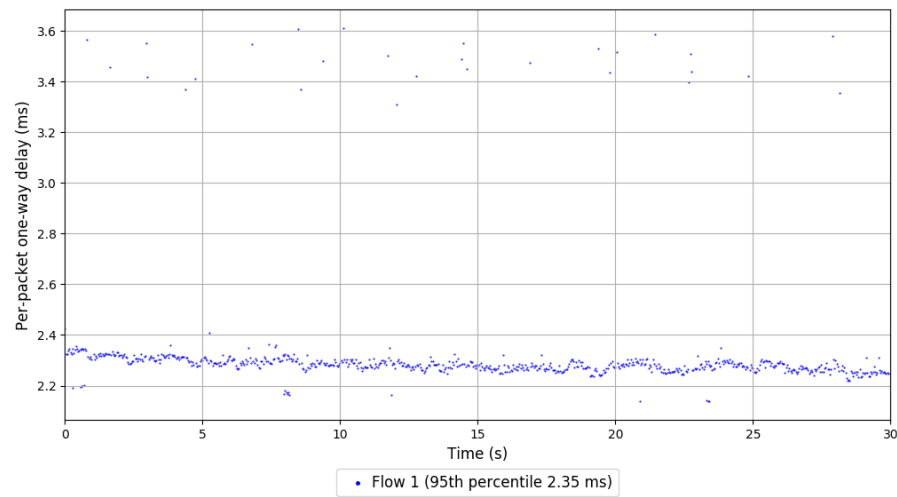
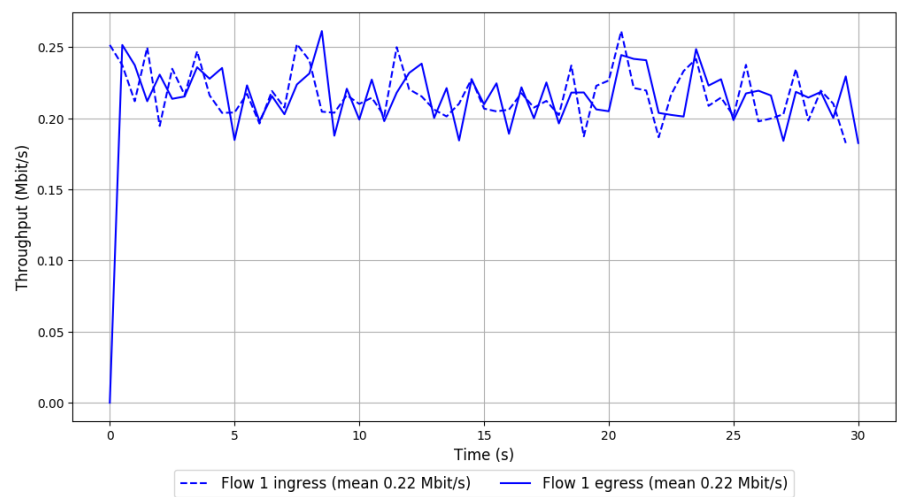


Run 4: Statistics of SCReAM

Start at: 2018-07-04 03:49:18
End at: 2018-07-04 03:49:48
Local clock offset: -2.672 ms
Remote clock offset: -2.093 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

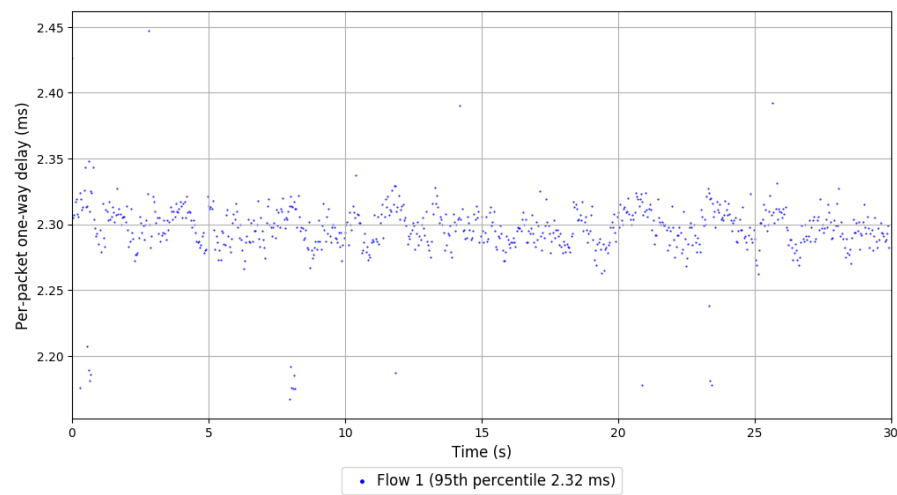
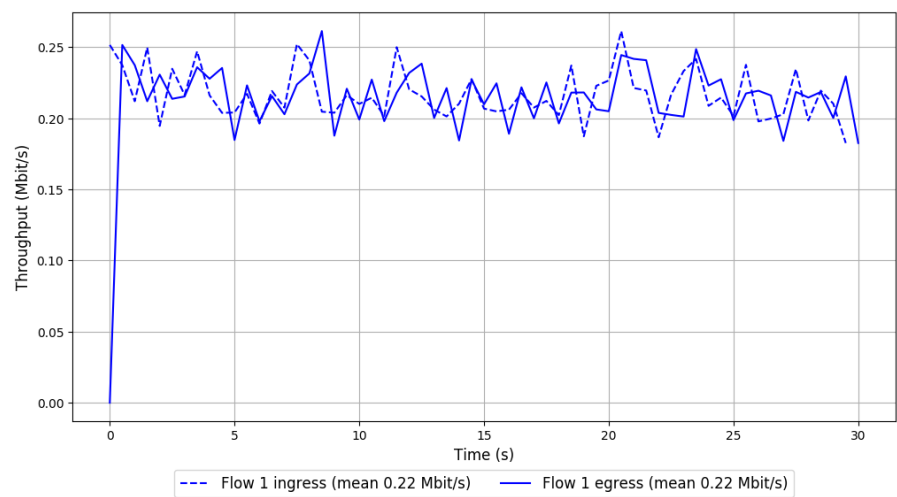


Run 5: Statistics of SCReAM

Start at: 2018-07-04 04:08:21
End at: 2018-07-04 04:08:51
Local clock offset: -2.737 ms
Remote clock offset: -2.968 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.320 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

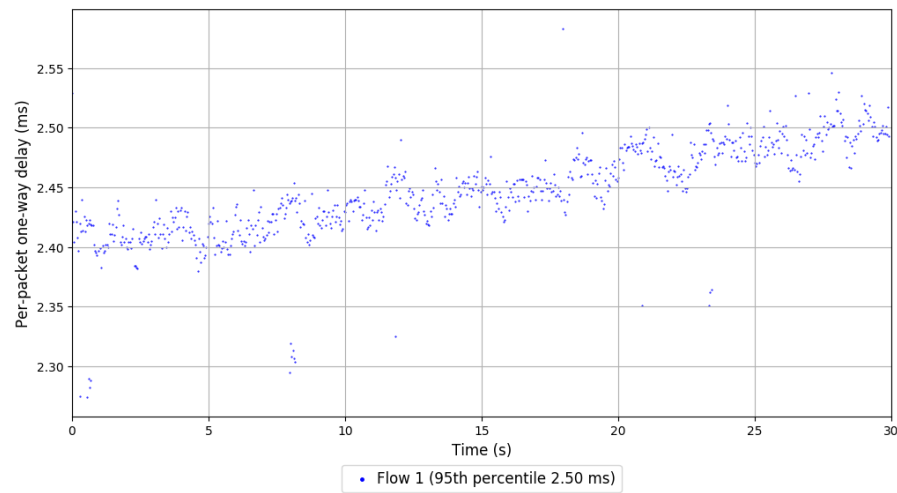
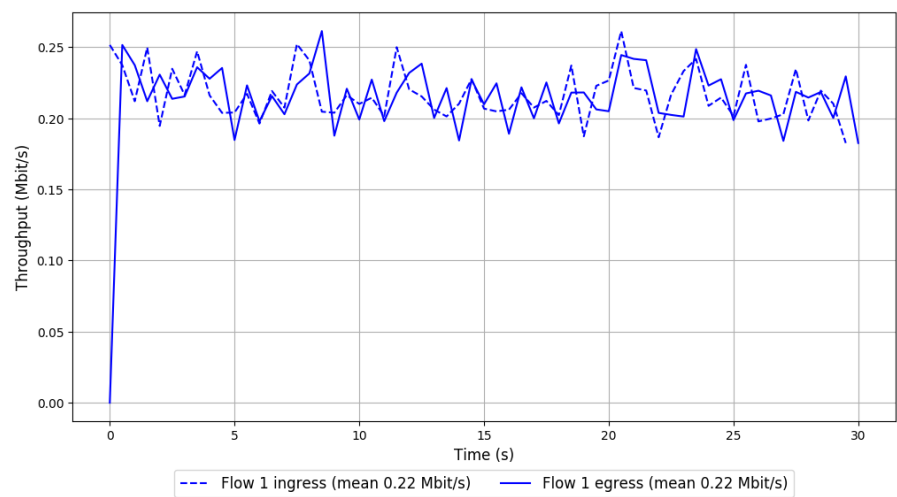


Run 6: Statistics of SCReAM

Start at: 2018-07-04 04:27:23
End at: 2018-07-04 04:27:53
Local clock offset: -7.202 ms
Remote clock offset: -2.355 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.502 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

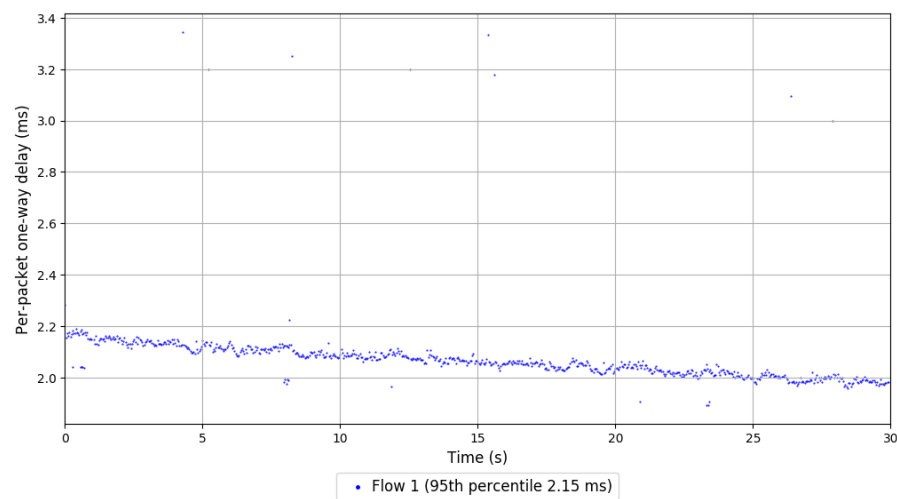
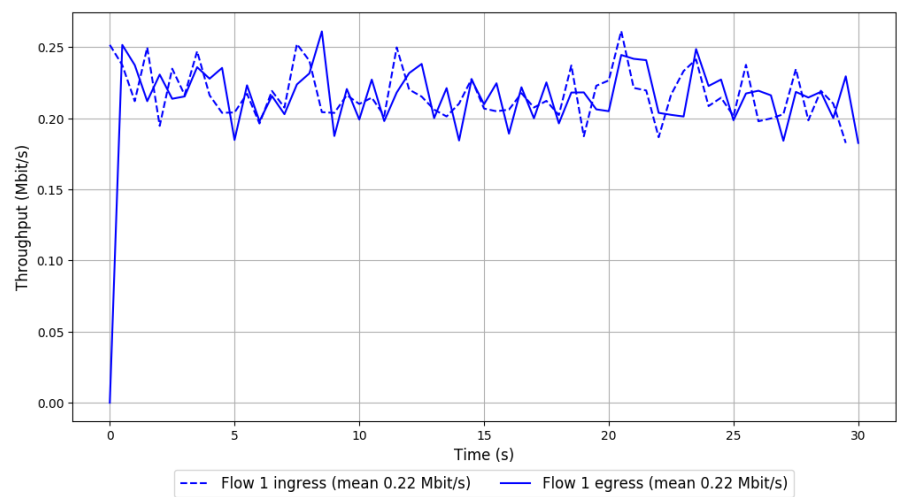


Run 7: Statistics of SCReAM

Start at: 2018-07-04 04:46:24
End at: 2018-07-04 04:46:54
Local clock offset: -4.907 ms
Remote clock offset: -1.341 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.154 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

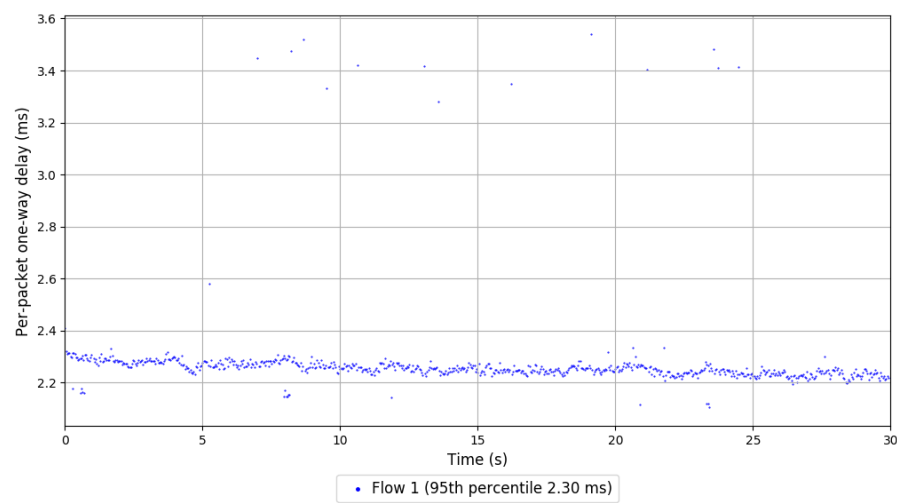
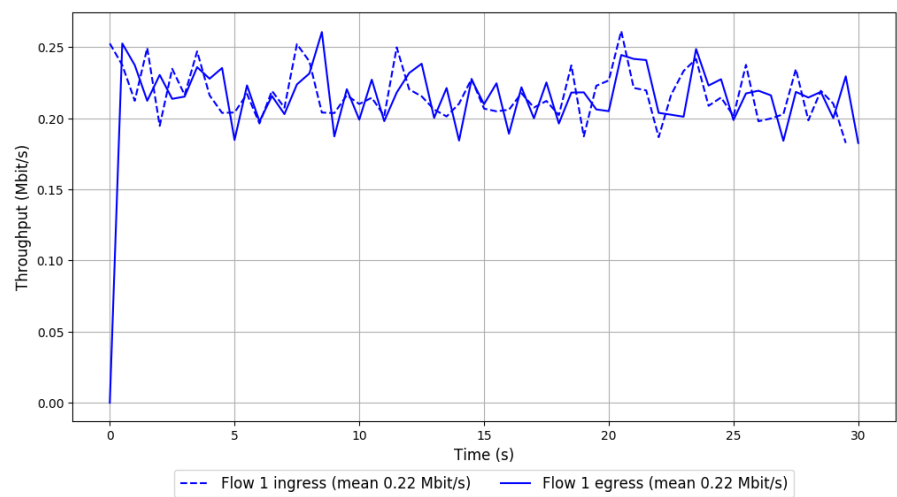


Run 8: Statistics of SCReAM

Start at: 2018-07-04 05:05:25
End at: 2018-07-04 05:05:55
Local clock offset: -1.424 ms
Remote clock offset: -2.101 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

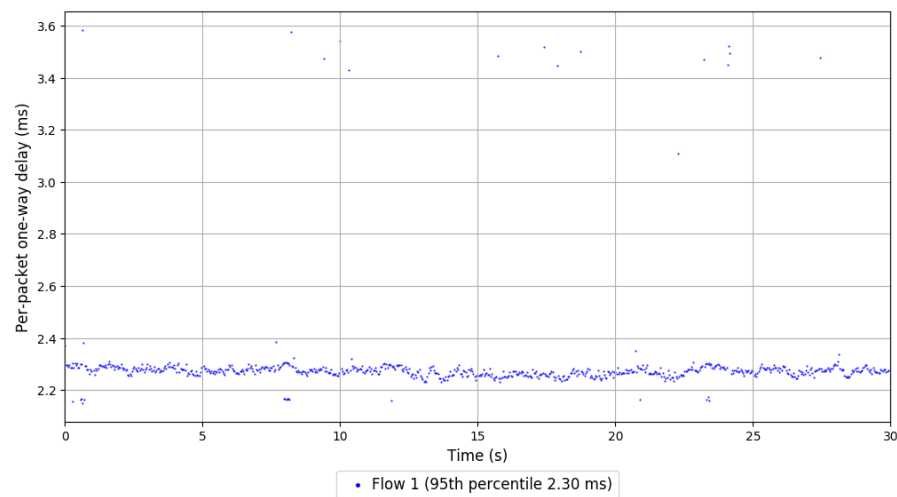
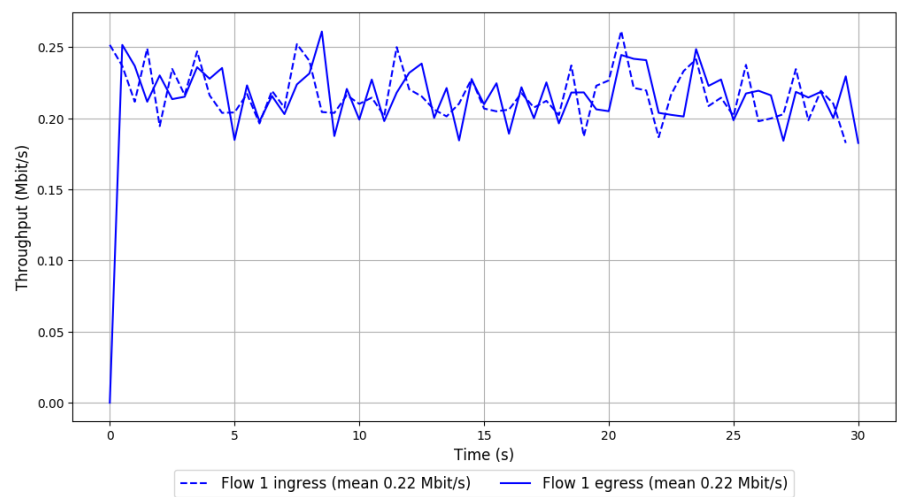


Run 9: Statistics of SCReAM

Start at: 2018-07-04 05:24:25
End at: 2018-07-04 05:24:55
Local clock offset: -2.084 ms
Remote clock offset: -2.646 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-07-04 05:43:23

End at: 2018-07-04 05:43:53

Local clock offset: -2.265 ms

Remote clock offset: -2.188 ms

Below is generated by plot.py at 2018-07-04 06:19:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.13%

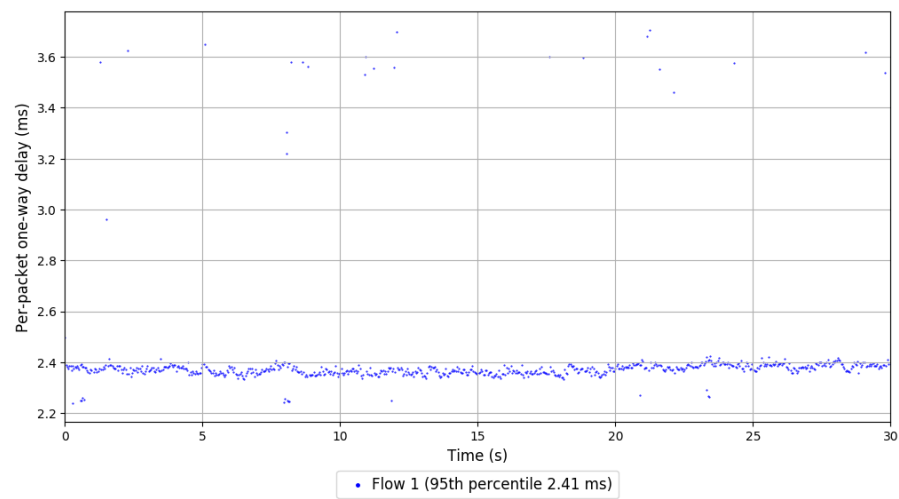
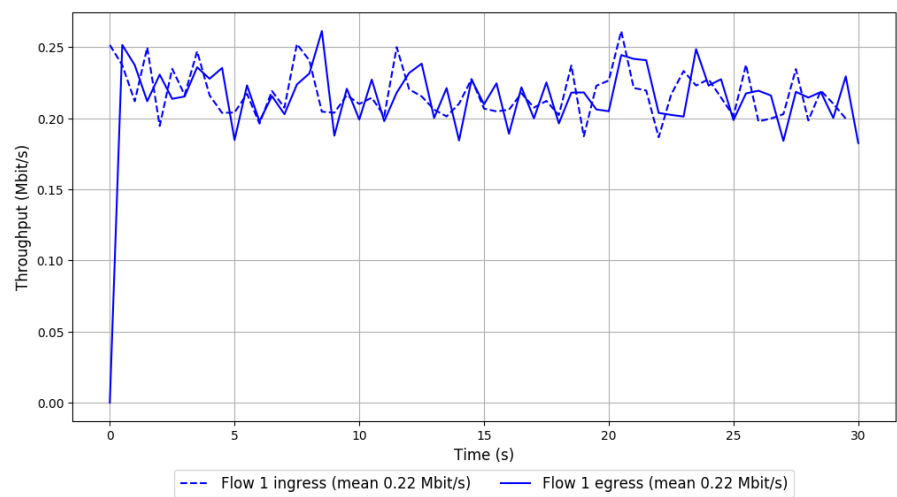
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link

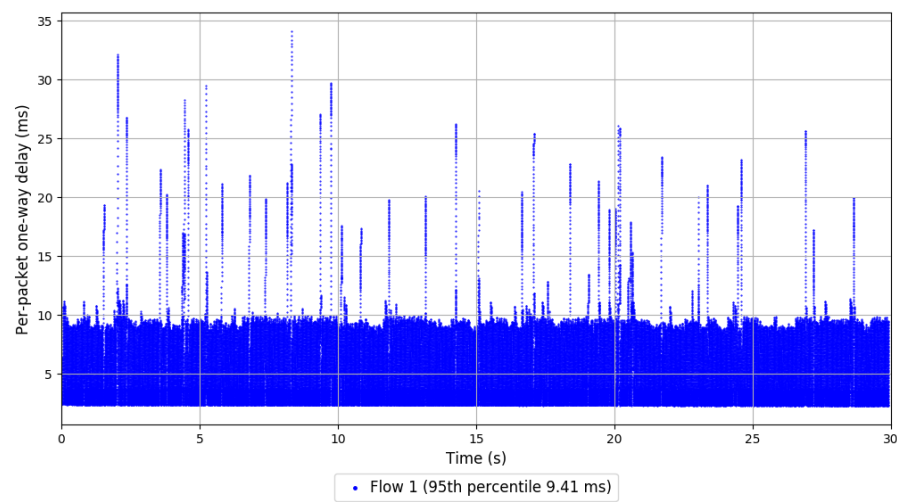
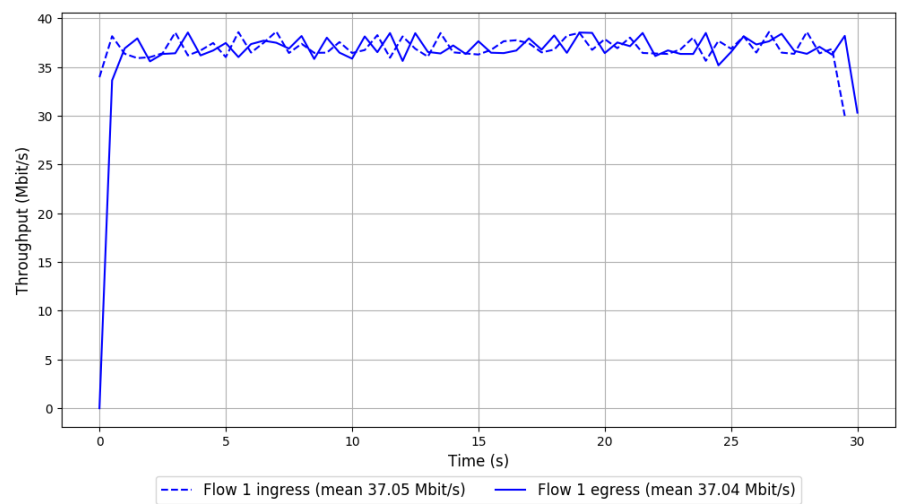


Run 1: Statistics of Sprout

Start at: 2018-07-04 02:54:32
End at: 2018-07-04 02:55:02
Local clock offset: -2.518 ms
Remote clock offset: -6.755 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 9.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 9.408 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

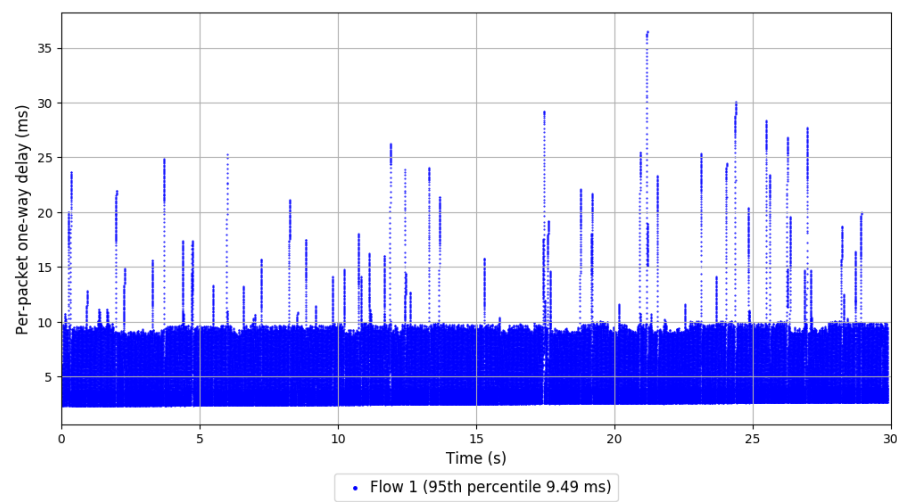
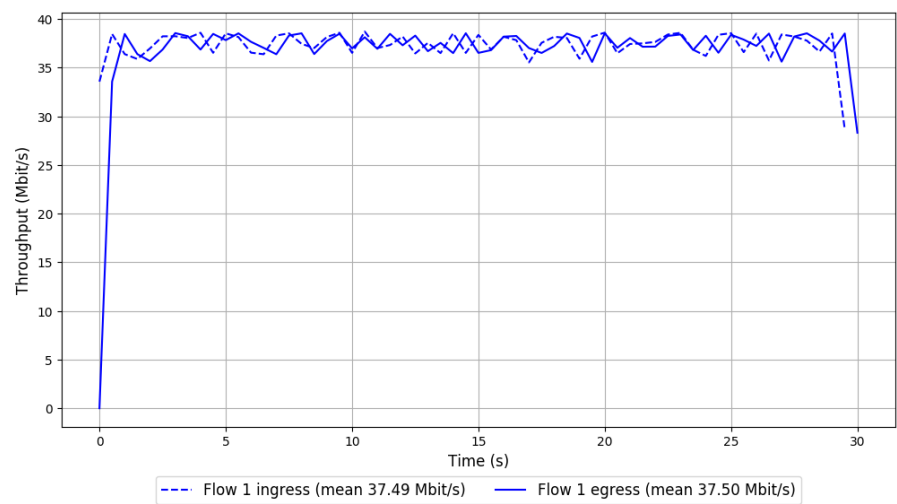


Run 2: Statistics of Sprout

Start at: 2018-07-04 03:13:32
End at: 2018-07-04 03:14:02
Local clock offset: -2.72 ms
Remote clock offset: -8.793 ms

Below is generated by plot.py at 2018-07-04 06:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 9.488 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 9.488 ms
Loss rate: 0.02%

Run 2: Report of Sprout — Data Link

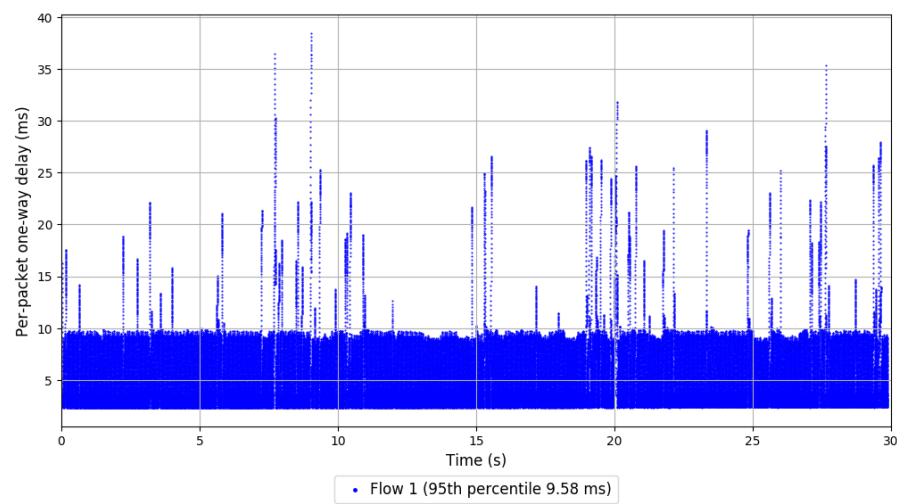
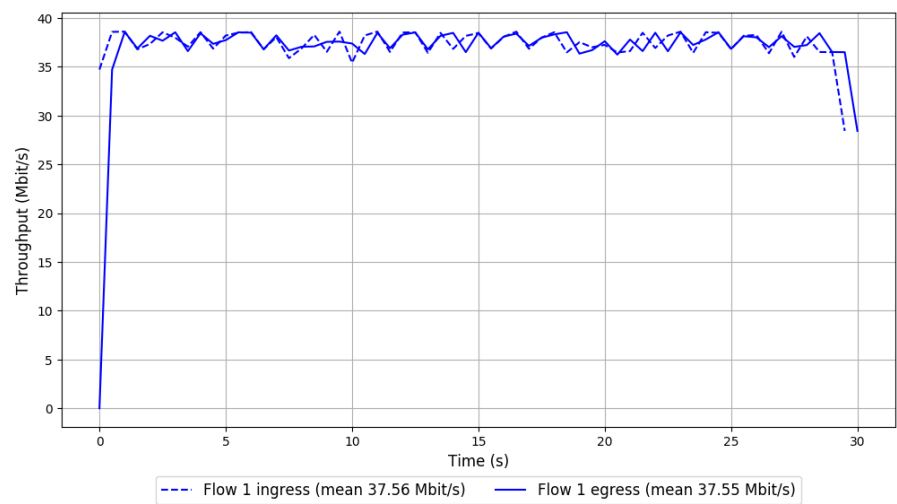


Run 3: Statistics of Sprout

Start at: 2018-07-04 03:32:29
End at: 2018-07-04 03:32:59
Local clock offset: -2.612 ms
Remote clock offset: -2.714 ms

Below is generated by plot.py at 2018-07-04 06:19:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 9.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 9.579 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

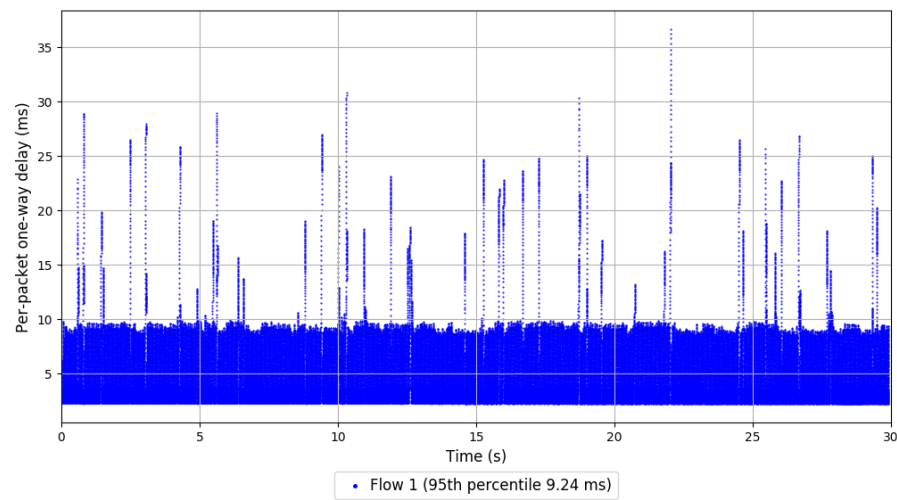
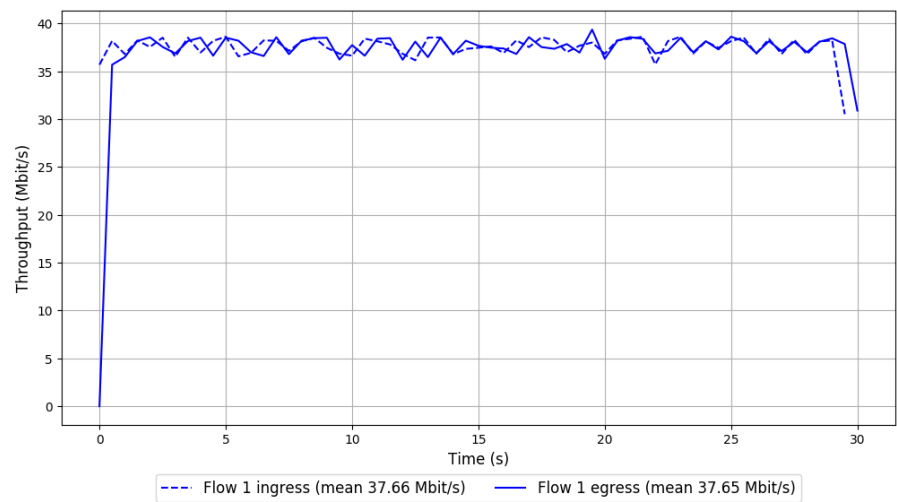


Run 4: Statistics of Sprout

Start at: 2018-07-04 03:51:29
End at: 2018-07-04 03:51:59
Local clock offset: -2.682 ms
Remote clock offset: -2.309 ms

Below is generated by plot.py at 2018-07-04 06:19:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 9.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 9.240 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

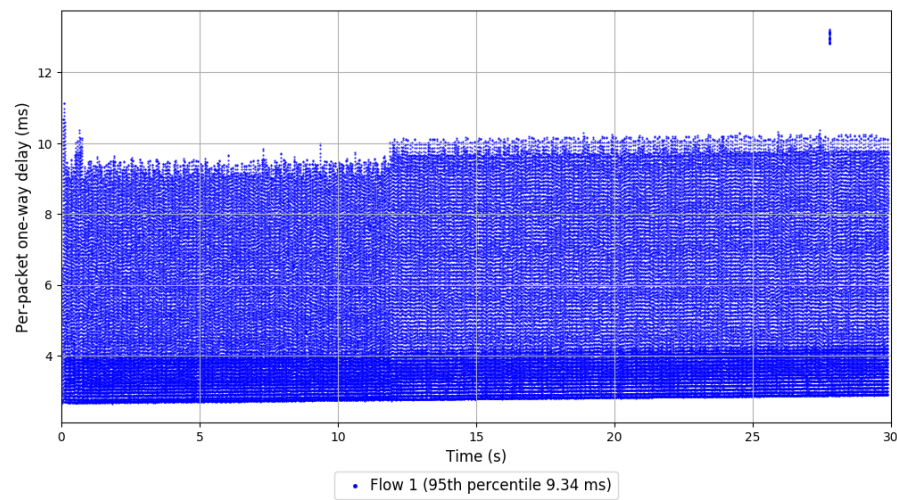
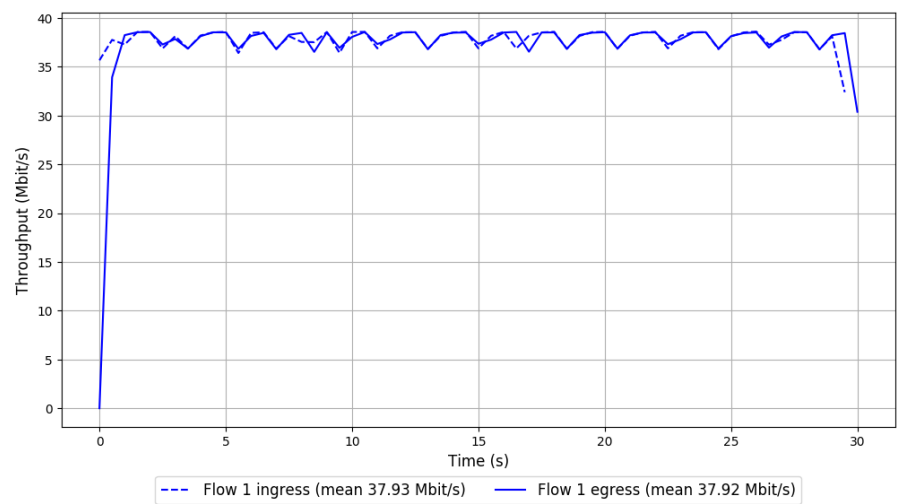


Run 5: Statistics of Sprout

Start at: 2018-07-04 04:10:31
End at: 2018-07-04 04:11:01
Local clock offset: -2.799 ms
Remote clock offset: -3.084 ms

Below is generated by plot.py at 2018-07-04 06:19:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 9.344 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 9.344 ms
Loss rate: 0.09%

Run 5: Report of Sprout — Data Link

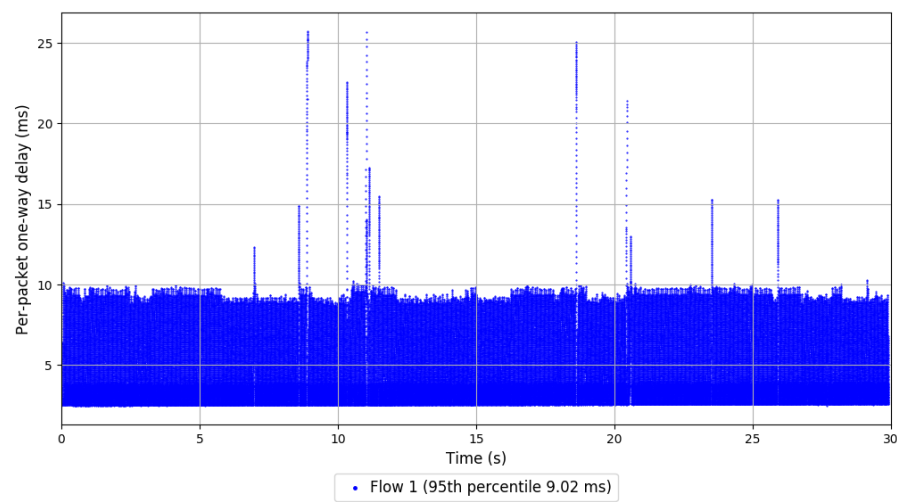
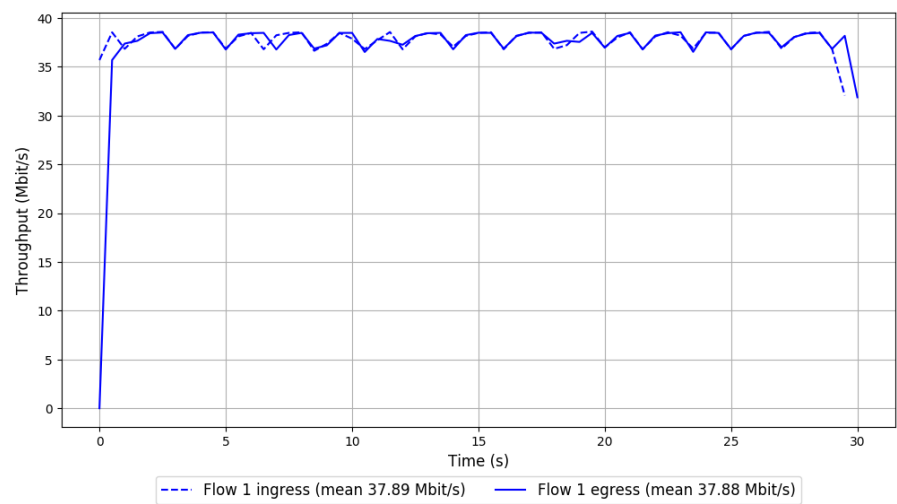


Run 6: Statistics of Sprout

Start at: 2018-07-04 04:29:34
End at: 2018-07-04 04:30:04
Local clock offset: -7.397 ms
Remote clock offset: -2.151 ms

Below is generated by plot.py at 2018-07-04 06:19:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 9.015 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 9.015 ms
Loss rate: 0.02%

Run 6: Report of Sprout — Data Link

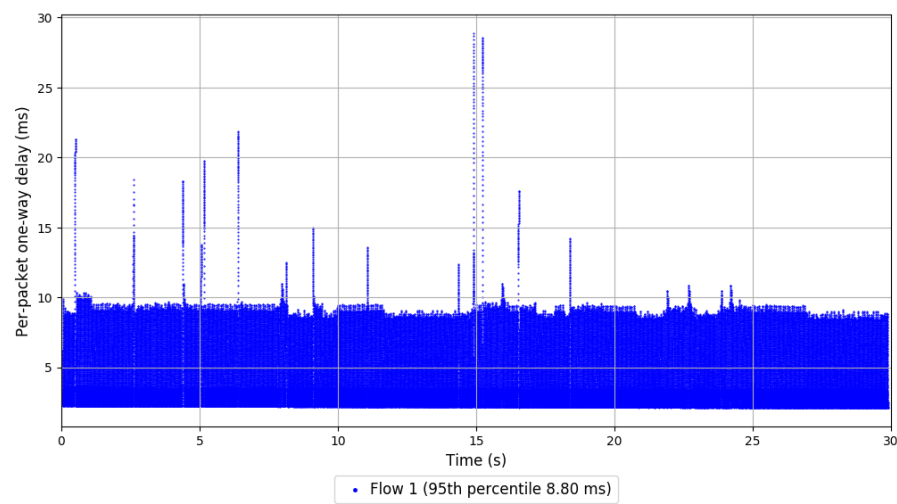
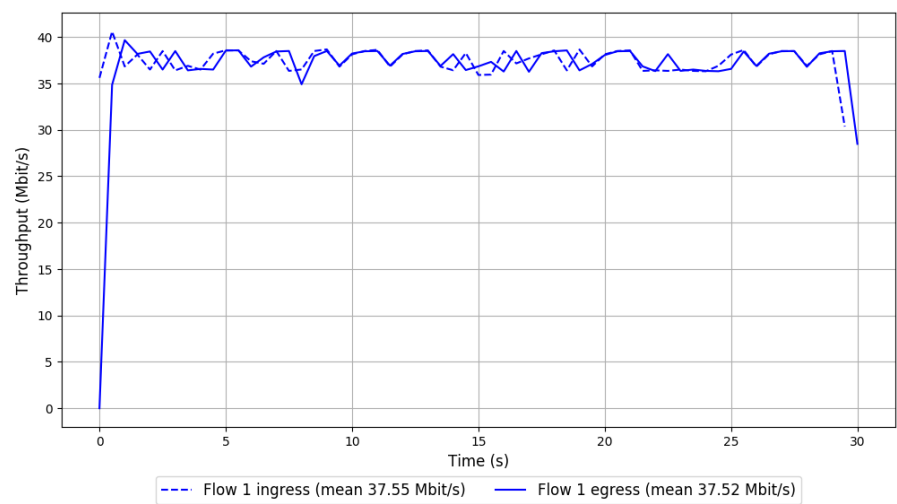


Run 7: Statistics of Sprout

Start at: 2018-07-04 04:48:35
End at: 2018-07-04 04:49:05
Local clock offset: -4.069 ms
Remote clock offset: -1.265 ms

Below is generated by plot.py at 2018-07-04 06:19:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 8.798 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 8.798 ms
Loss rate: 0.08%

Run 7: Report of Sprout — Data Link

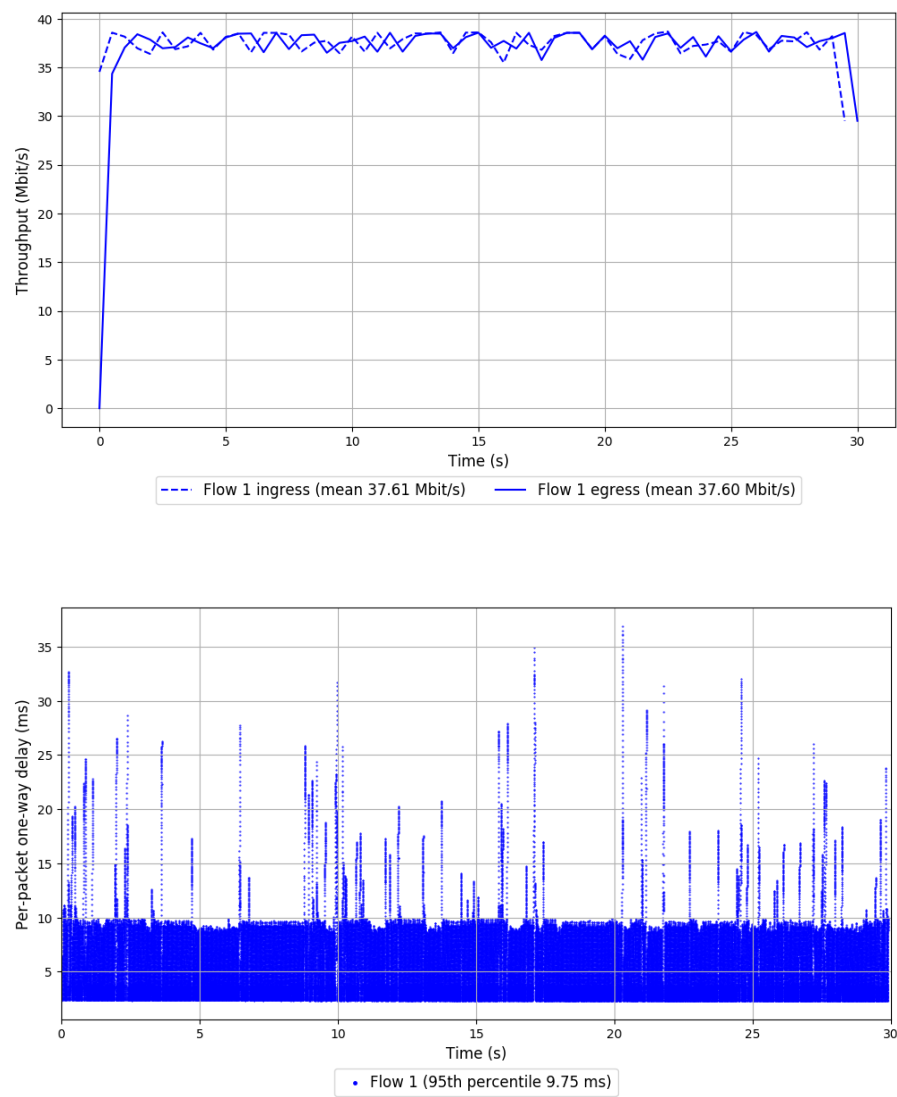


Run 8: Statistics of Sprout

Start at: 2018-07-04 05:07:36
End at: 2018-07-04 05:08:06
Local clock offset: -1.292 ms
Remote clock offset: -2.296 ms

Below is generated by plot.py at 2018-07-04 06:19:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 9.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 9.749 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

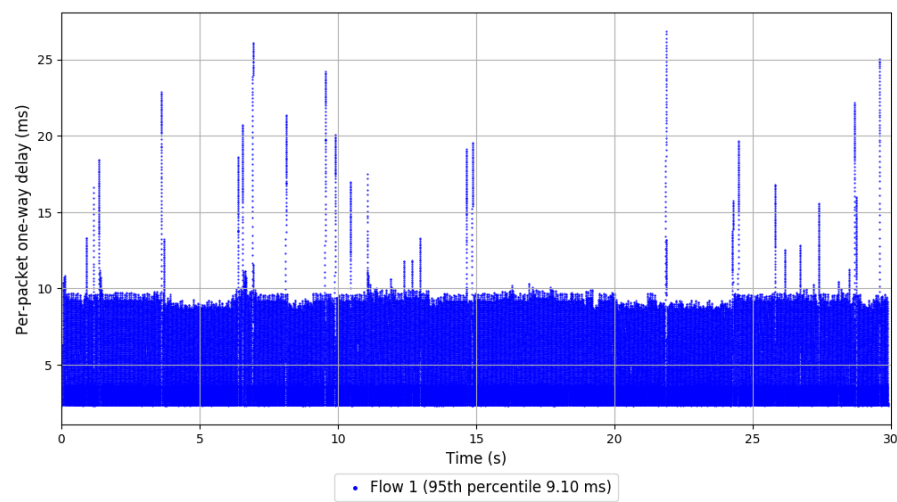
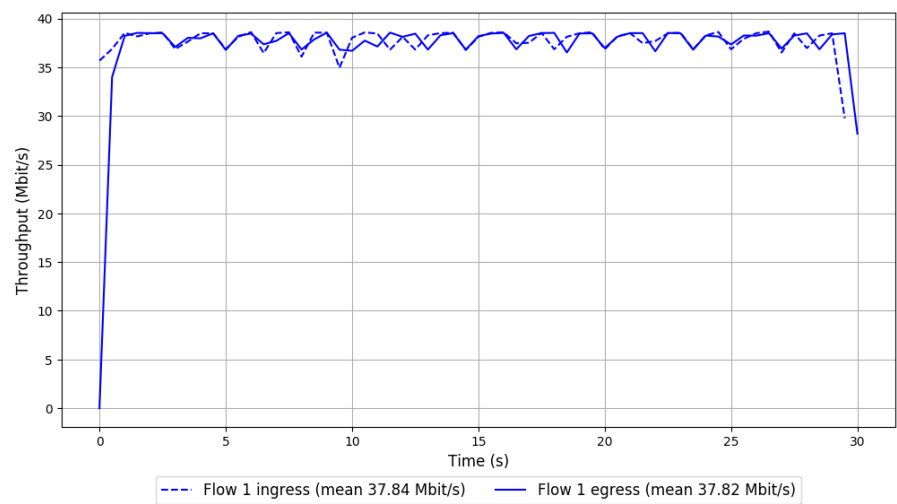


Run 9: Statistics of Sprout

Start at: 2018-07-04 05:26:36
End at: 2018-07-04 05:27:06
Local clock offset: -2.071 ms
Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-07-04 06:19:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 9.095 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 9.095 ms
Loss rate: 0.07%

Run 9: Report of Sprout — Data Link

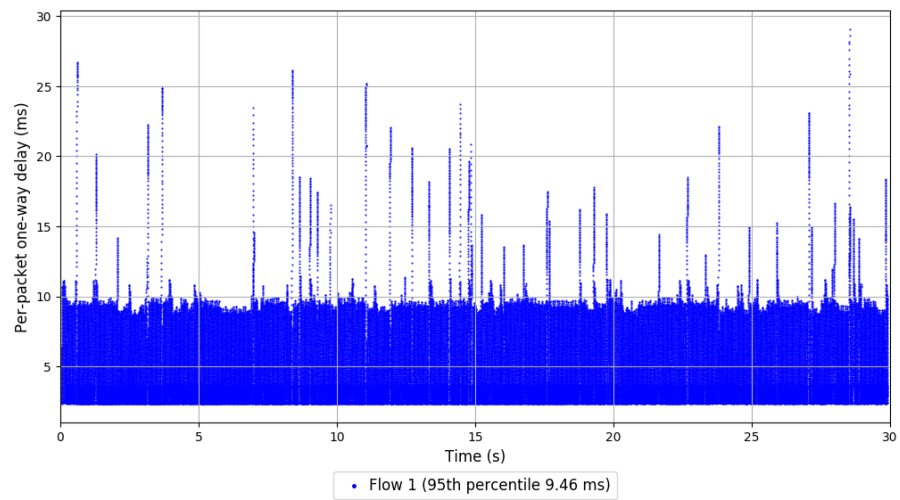
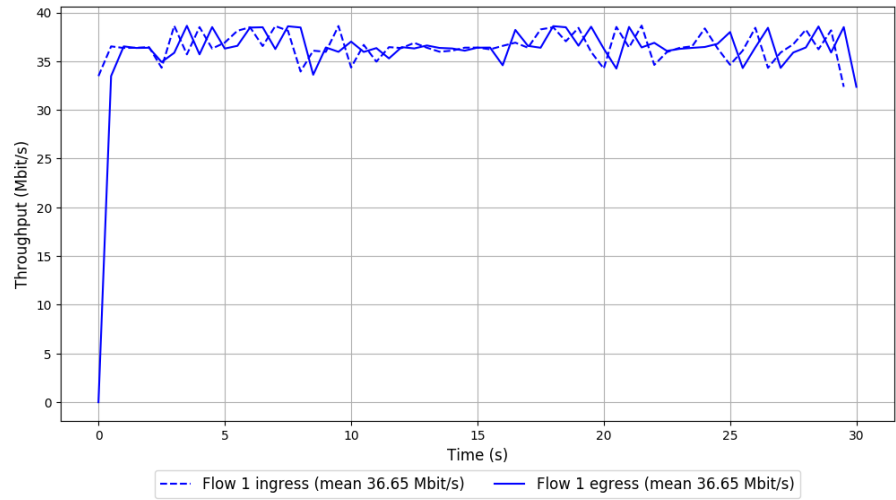


Run 10: Statistics of Sprout

Start at: 2018-07-04 05:45:34
End at: 2018-07-04 05:46:04
Local clock offset: -2.271 ms
Remote clock offset: -2.084 ms

Below is generated by plot.py at 2018-07-04 06:19:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 9.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 9.460 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

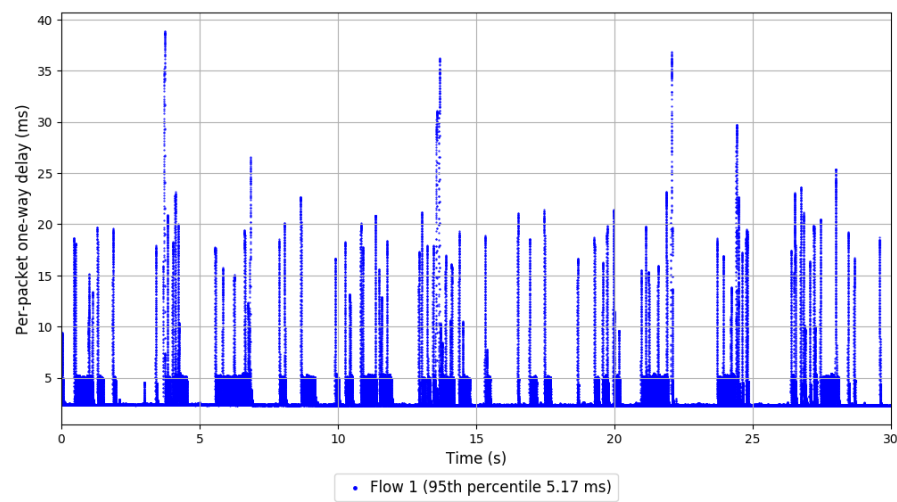
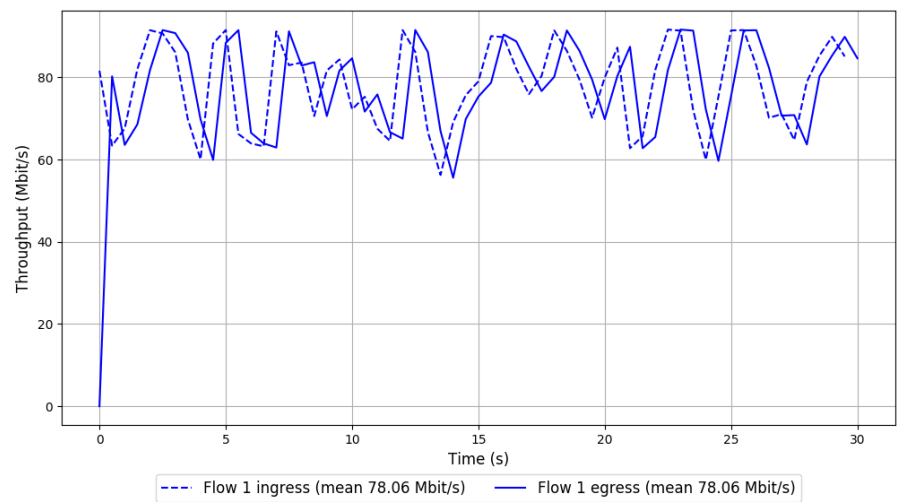


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-04 03:03:31
End at: 2018-07-04 03:04:01
Local clock offset: -2.699 ms
Remote clock offset: -8.186 ms

Below is generated by plot.py at 2018-07-04 06:21:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 5.167 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 5.167 ms
Loss rate: 0.02%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-04 03:22:27

End at: 2018-07-04 03:22:57

Local clock offset: -2.663 ms

Remote clock offset: -4.489 ms

Below is generated by plot.py at 2018-07-04 06:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.75 Mbit/s

95th percentile per-packet one-way delay: 5.119 ms

Loss rate: 0.01%

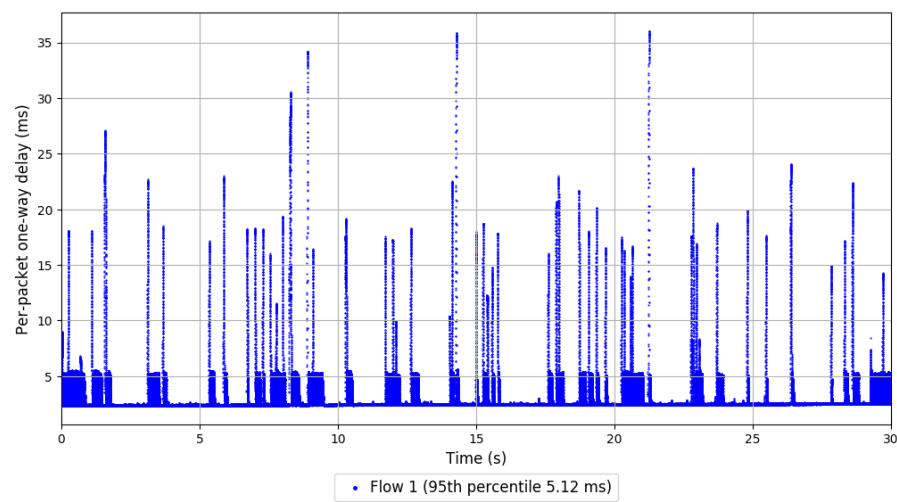
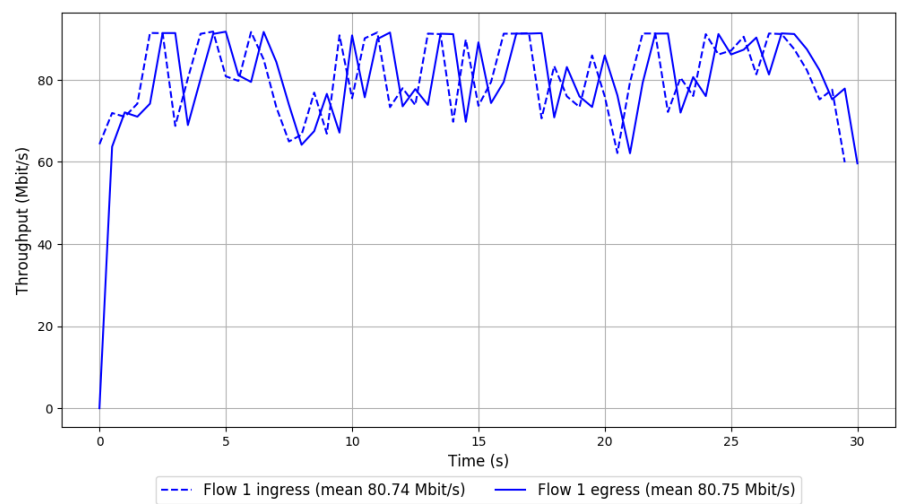
-- Flow 1:

Average throughput: 80.75 Mbit/s

95th percentile per-packet one-way delay: 5.119 ms

Loss rate: 0.01%

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

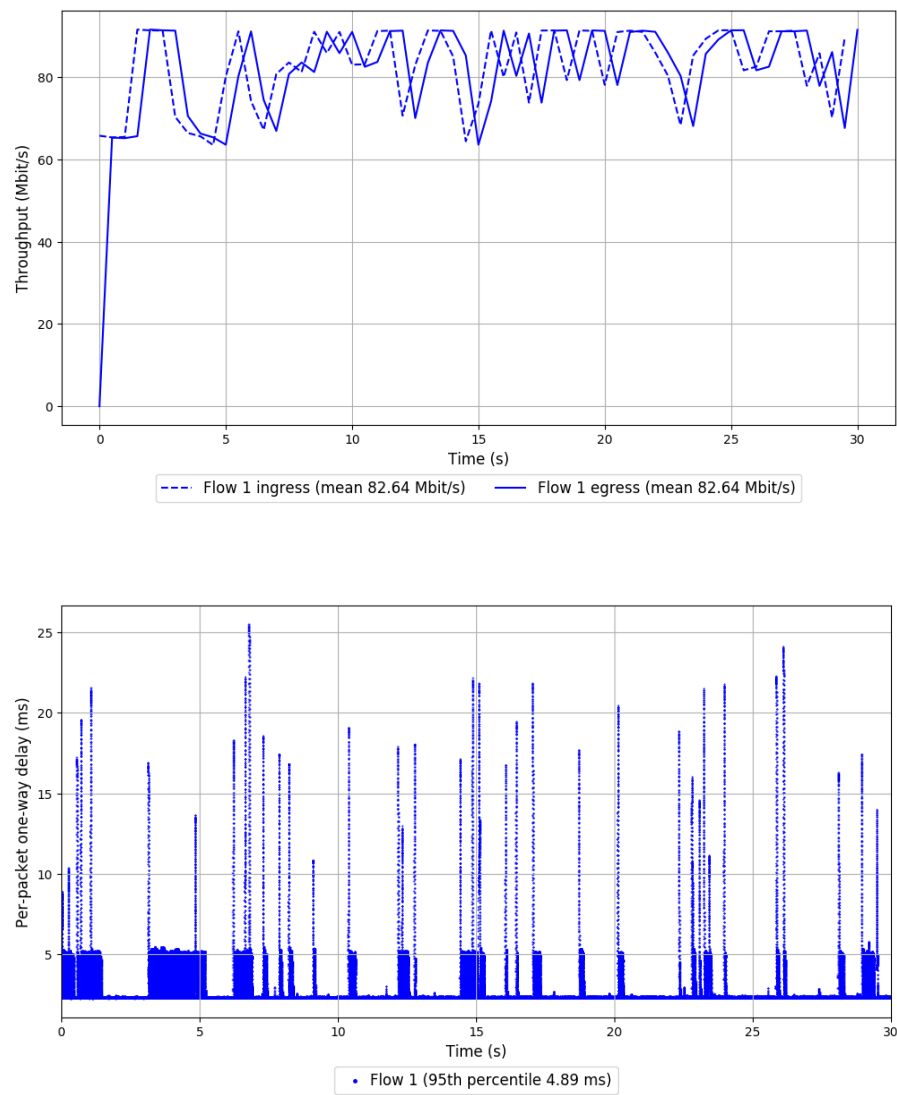


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-04 03:41:27
End at: 2018-07-04 03:41:57
Local clock offset: -2.671 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2018-07-04 06:21:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.64 Mbit/s
95th percentile per-packet one-way delay: 4.889 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.64 Mbit/s
95th percentile per-packet one-way delay: 4.889 ms
Loss rate: 0.02%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-04 04:00:29

End at: 2018-07-04 04:00:59

Local clock offset: -2.716 ms

Remote clock offset: -2.932 ms

Below is generated by plot.py at 2018-07-04 06:21:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.60 Mbit/s

95th percentile per-packet one-way delay: 2.472 ms

Loss rate: 0.02%

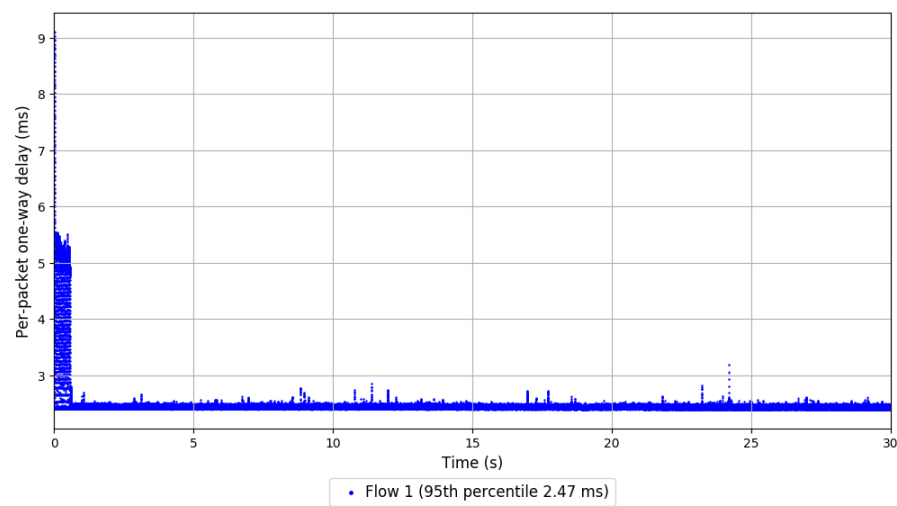
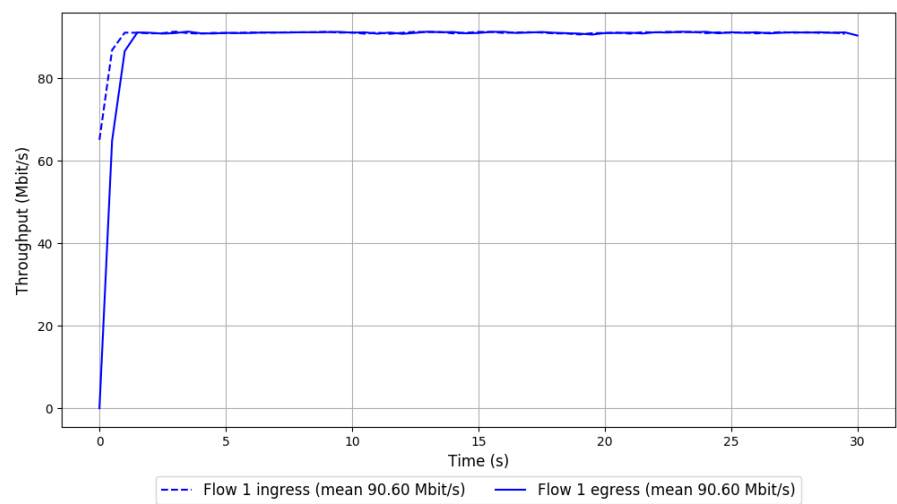
-- Flow 1:

Average throughput: 90.60 Mbit/s

95th percentile per-packet one-way delay: 2.472 ms

Loss rate: 0.02%

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

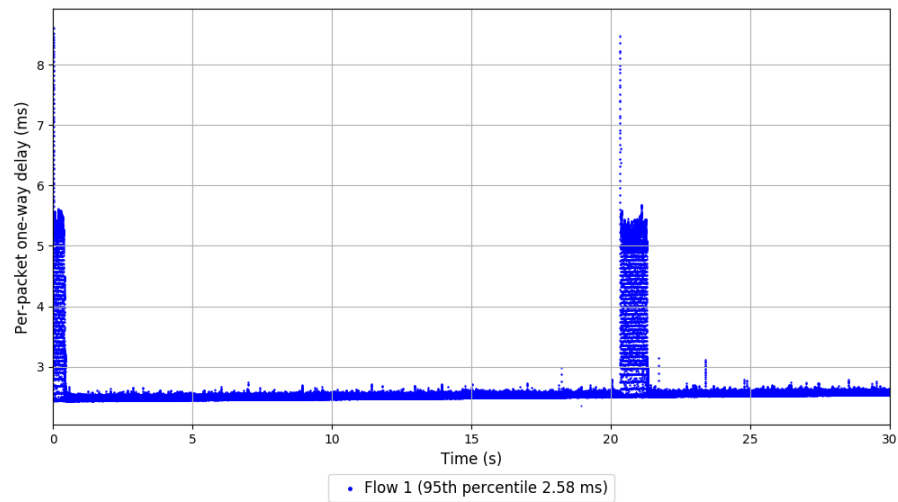
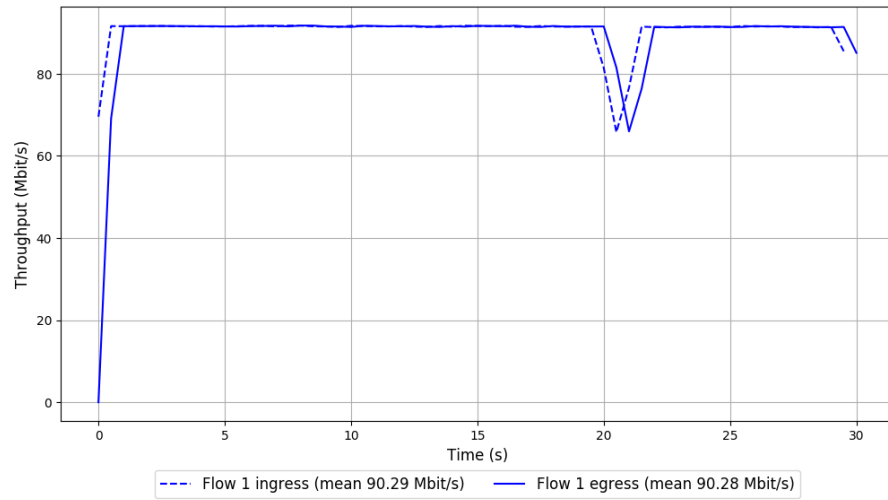


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-04 04:19:31
End at: 2018-07-04 04:20:01
Local clock offset: -5.918 ms
Remote clock offset: -3.144 ms

Below is generated by plot.py at 2018-07-04 06:21:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-04 04:38:33

End at: 2018-07-04 04:39:03

Local clock offset: -8.26 ms

Remote clock offset: -1.598 ms

Below is generated by plot.py at 2018-07-04 06:21:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 5.006 ms

Loss rate: 0.01%

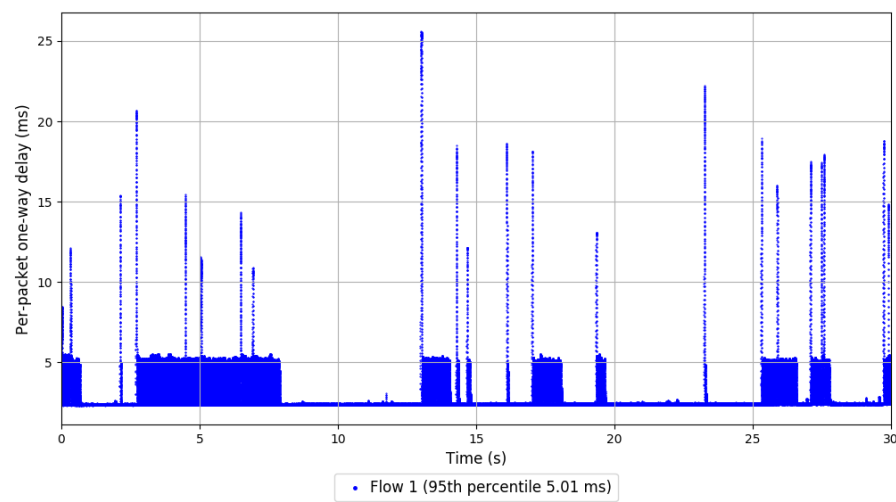
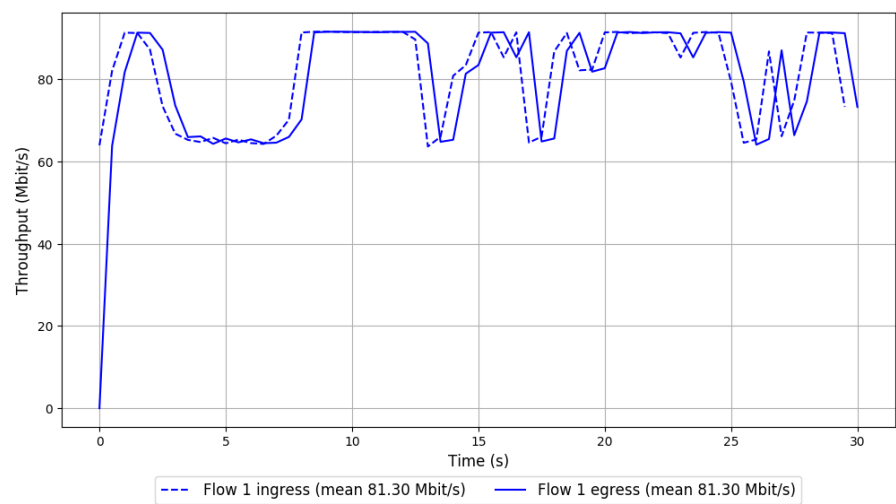
-- Flow 1:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 5.006 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-04 04:57:34

End at: 2018-07-04 04:58:05

Local clock offset: -2.222 ms

Remote clock offset: -1.41 ms

Below is generated by plot.py at 2018-07-04 06:21:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 4.910 ms

Loss rate: 0.02%

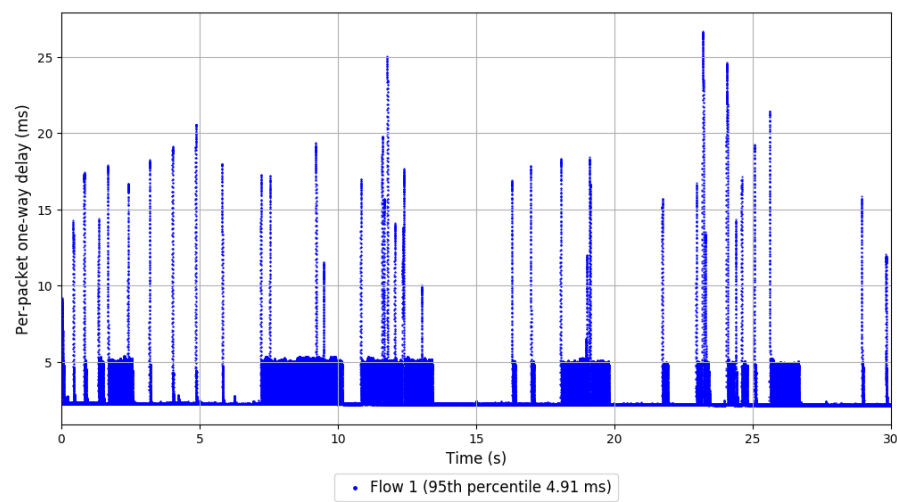
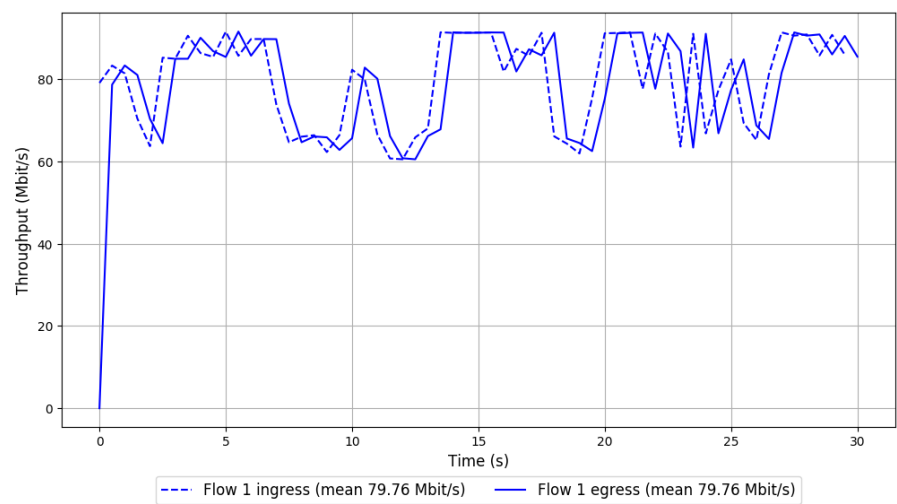
-- Flow 1:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 4.910 ms

Loss rate: 0.02%

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

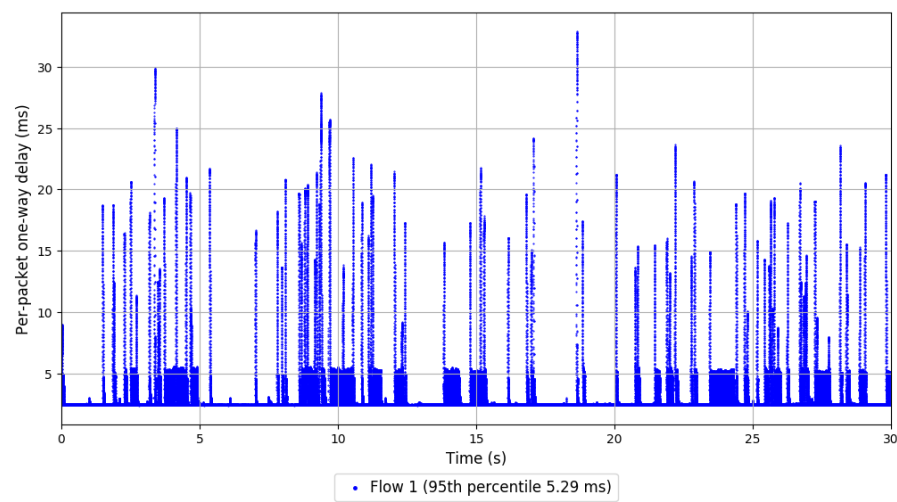
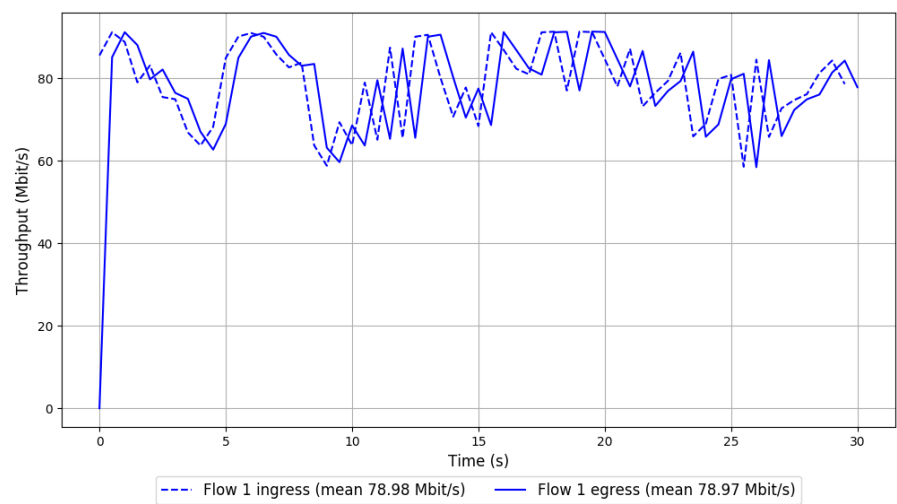


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-04 05:16:35
End at: 2018-07-04 05:17:05
Local clock offset: -1.749 ms
Remote clock offset: -2.611 ms

Below is generated by plot.py at 2018-07-04 06:21:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 5.291 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 5.291 ms
Loss rate: 0.03%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-04 05:35:33

End at: 2018-07-04 05:36:03

Local clock offset: -2.142 ms

Remote clock offset: -2.393 ms

Below is generated by plot.py at 2018-07-04 06:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.86 Mbit/s

95th percentile per-packet one-way delay: 5.034 ms

Loss rate: 0.02%

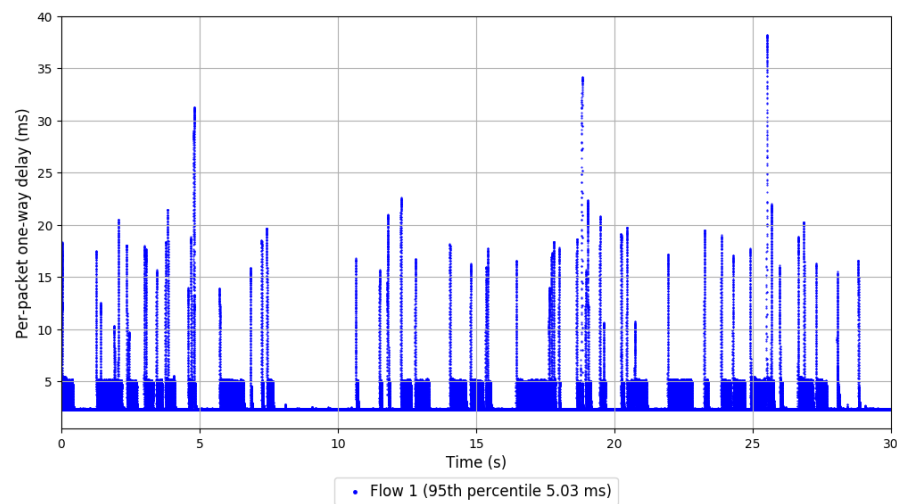
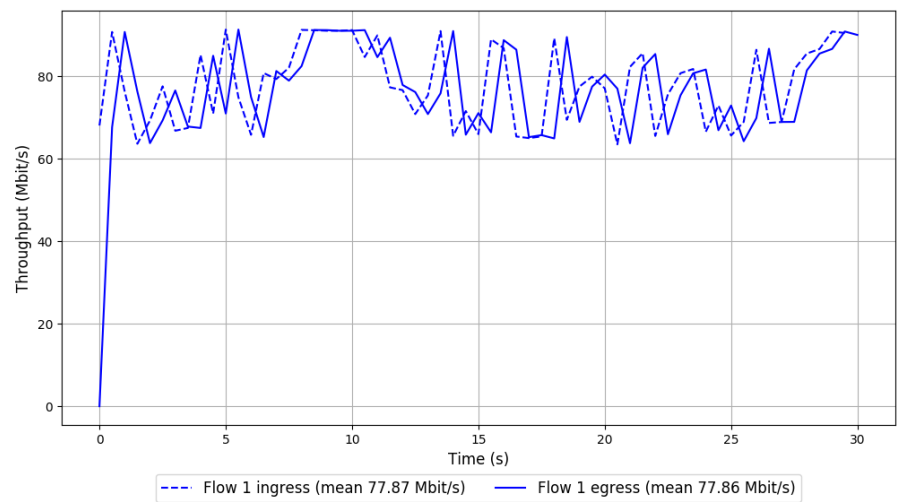
-- Flow 1:

Average throughput: 77.86 Mbit/s

95th percentile per-packet one-way delay: 5.034 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-04 05:54:32

End at: 2018-07-04 05:55:02

Local clock offset: -2.414 ms

Remote clock offset: -2.063 ms

Below is generated by plot.py at 2018-07-04 06:22:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.01%

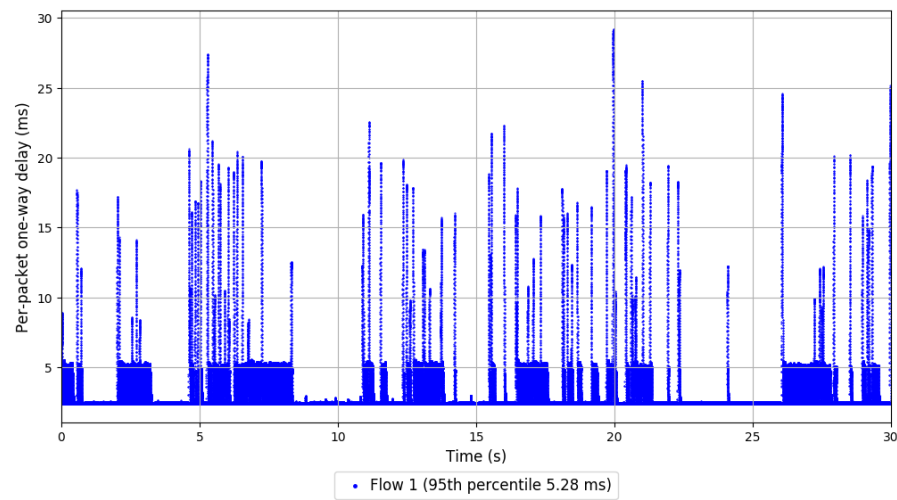
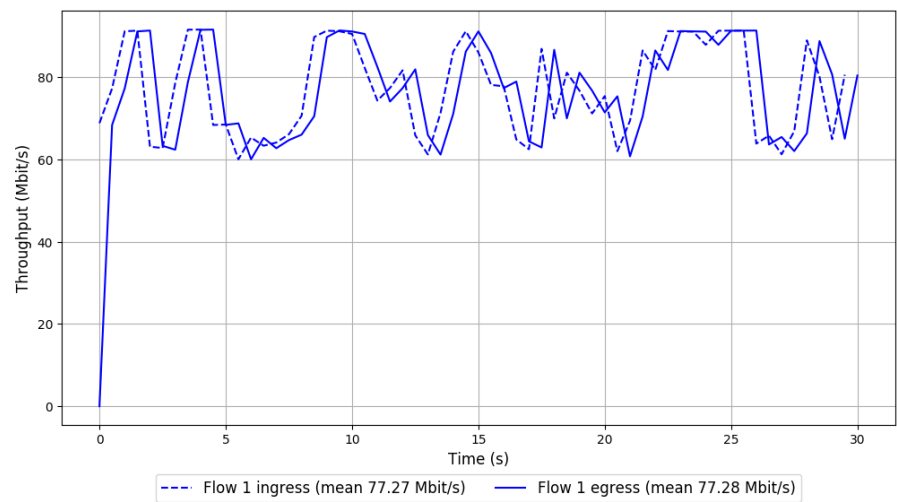
-- Flow 1:

Average throughput: 77.28 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.01%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-04 02:53:25

End at: 2018-07-04 02:53:55

Local clock offset: -2.466 ms

Remote clock offset: -6.43 ms

Below is generated by plot.py at 2018-07-04 06:22:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.51 Mbit/s

95th percentile per-packet one-way delay: 3.472 ms

Loss rate: 0.02%

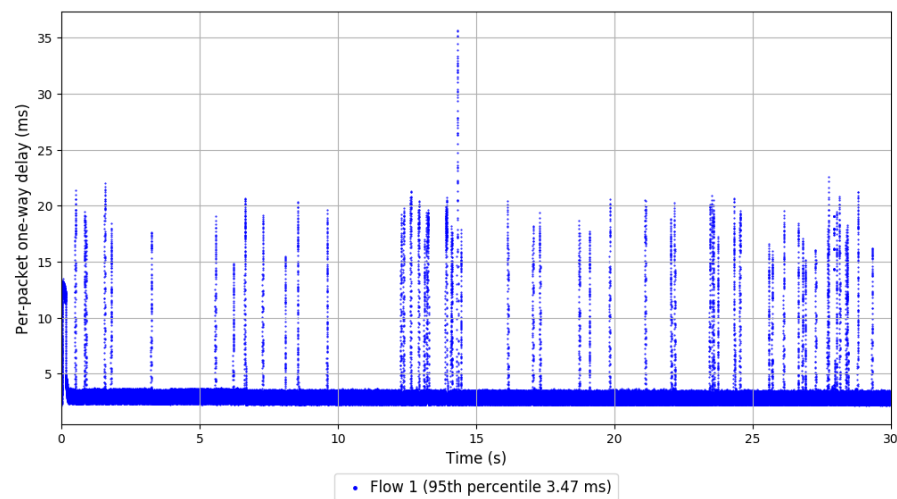
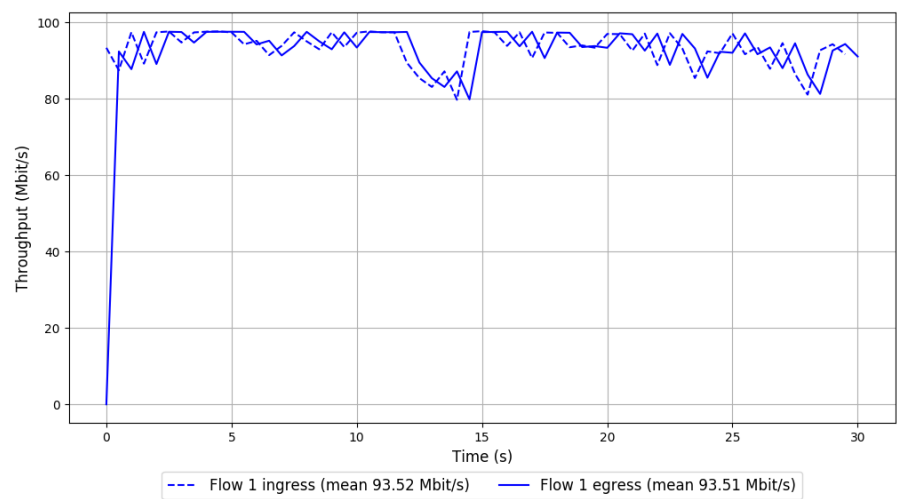
-- Flow 1:

Average throughput: 93.51 Mbit/s

95th percentile per-packet one-way delay: 3.472 ms

Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link

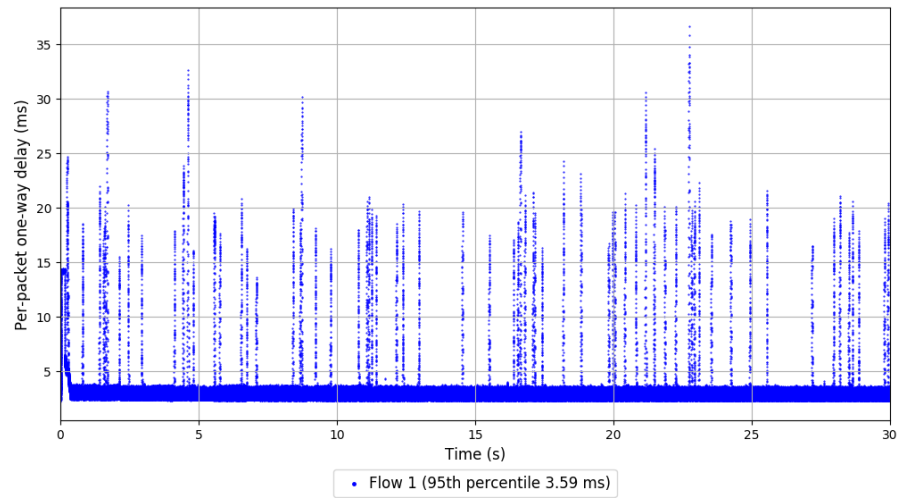
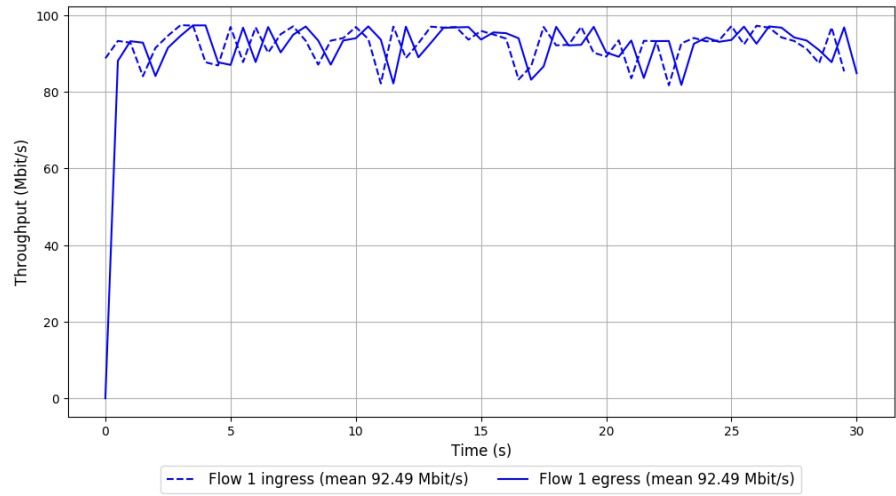


Run 2: Statistics of TCP Vegas

Start at: 2018-07-04 03:12:25
End at: 2018-07-04 03:12:55
Local clock offset: -2.65 ms
Remote clock offset: -9.053 ms

Below is generated by plot.py at 2018-07-04 06:22:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 3.592 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 3.592 ms
Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link

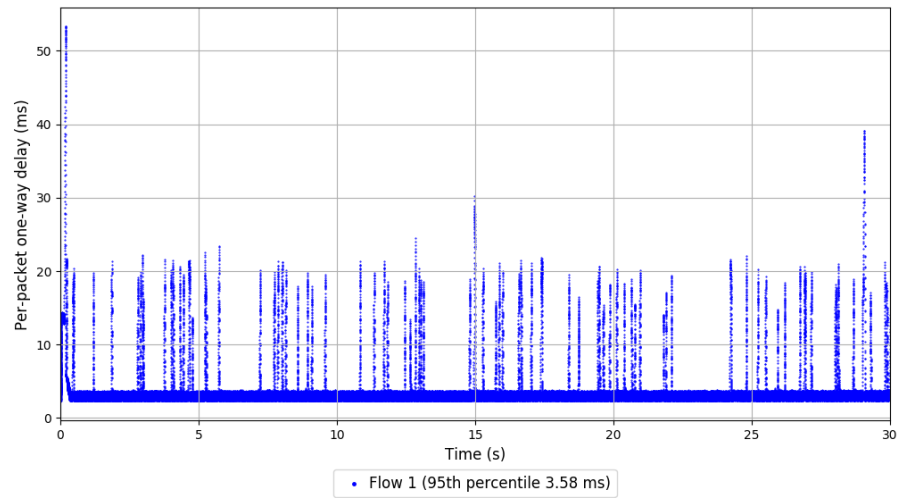
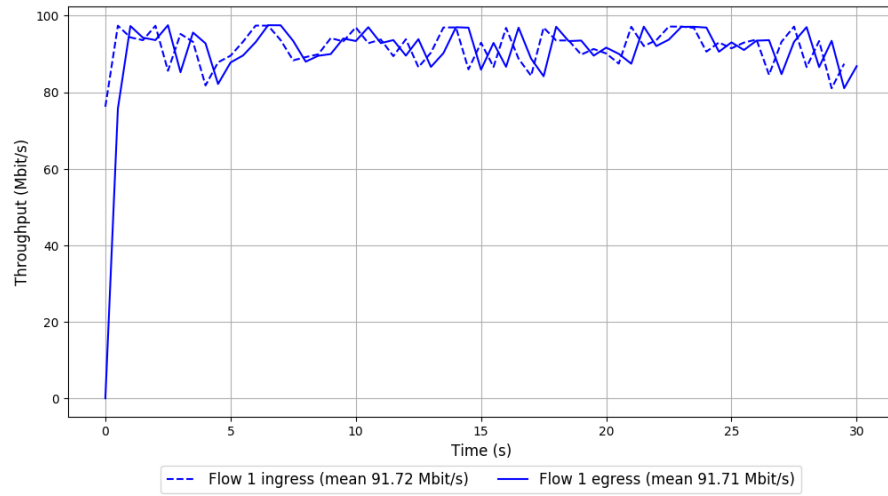


Run 3: Statistics of TCP Vegas

Start at: 2018-07-04 03:31:22
End at: 2018-07-04 03:31:52
Local clock offset: -2.668 ms
Remote clock offset: -2.831 ms

Below is generated by plot.py at 2018-07-04 06:22:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 3.584 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 3.584 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

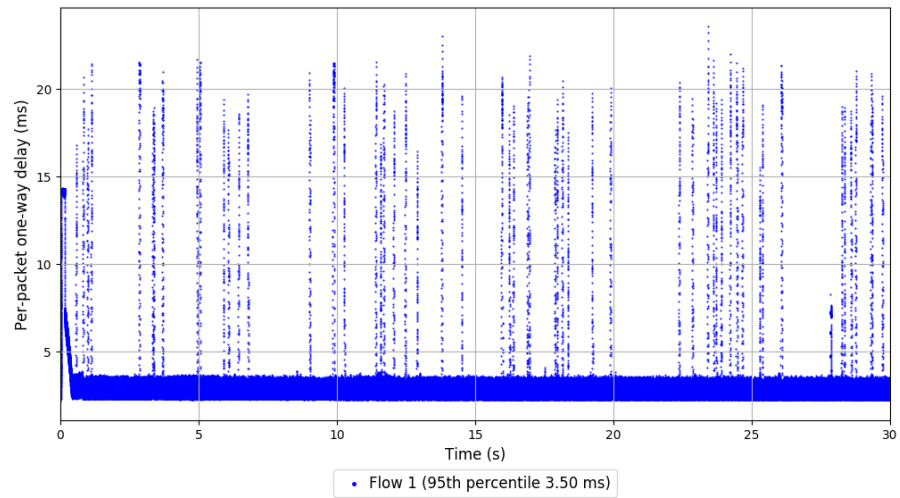
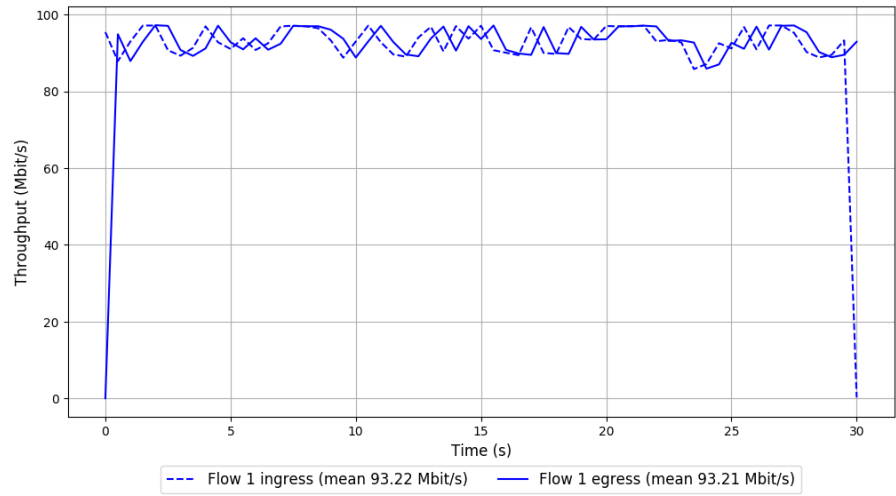


Run 4: Statistics of TCP Vegas

Start at: 2018-07-04 03:50:22
End at: 2018-07-04 03:50:52
Local clock offset: -2.679 ms
Remote clock offset: -2.166 ms

Below is generated by plot.py at 2018-07-04 06:22:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 3.504 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 3.504 ms
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

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

End at: 2018-07-04 04:09:54

Local clock offset: -2.727 ms

Remote clock offset: -3.136 ms

Below is generated by plot.py at 2018-07-04 06:22:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.02%

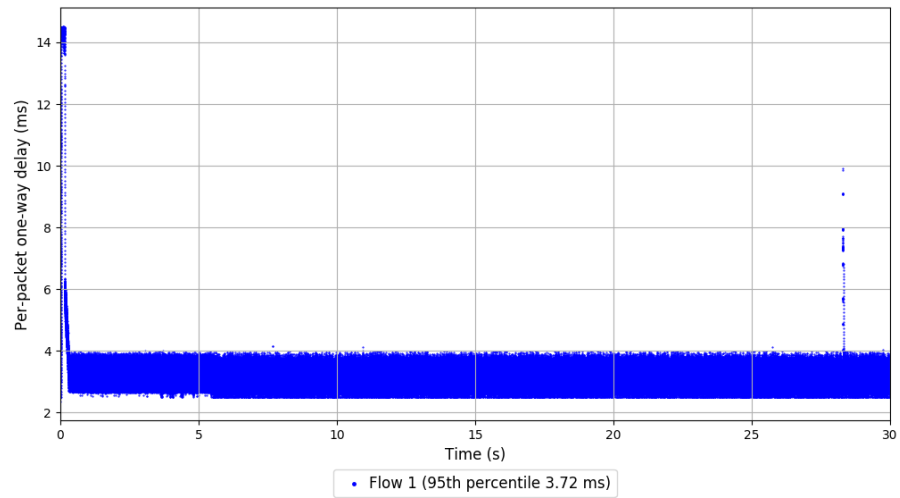
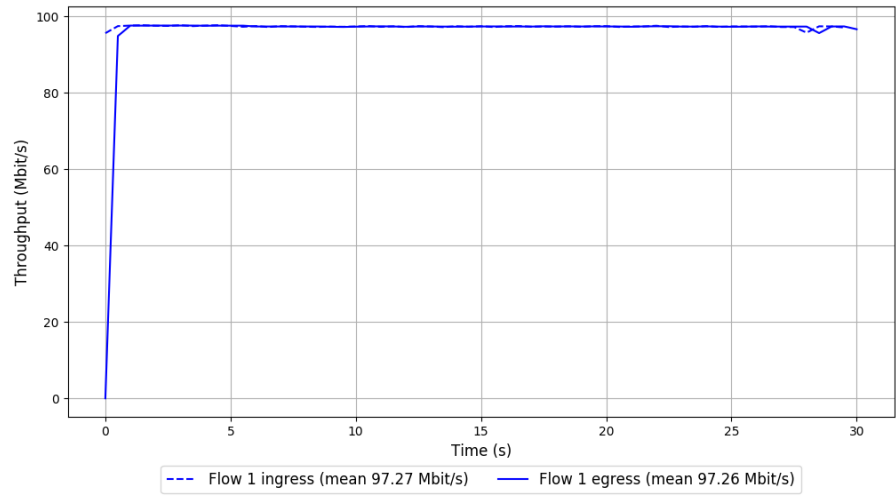
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link

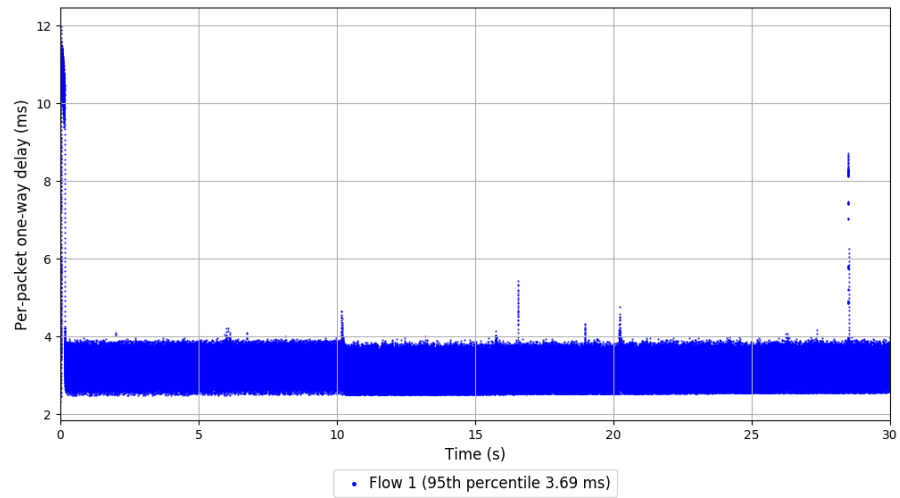
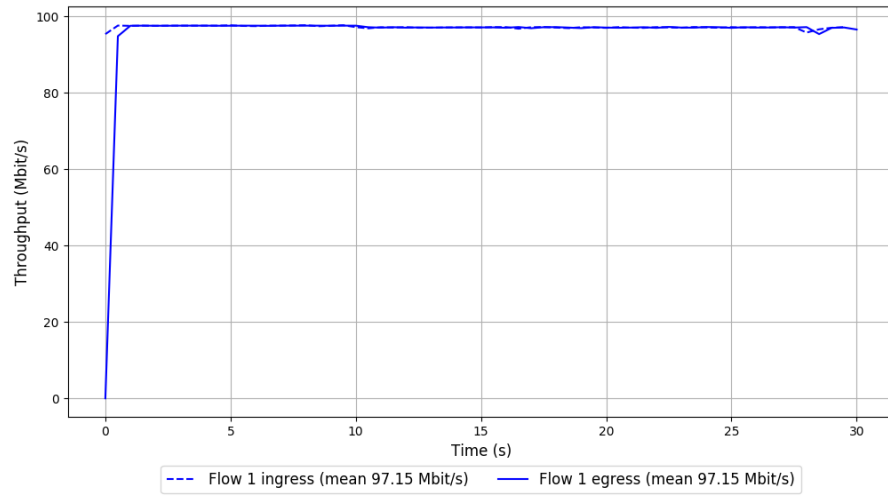


Run 6: Statistics of TCP Vegas

Start at: 2018-07-04 04:28:27
End at: 2018-07-04 04:28:57
Local clock offset: -7.258 ms
Remote clock offset: -2.234 ms

Below is generated by plot.py at 2018-07-04 06:22:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link

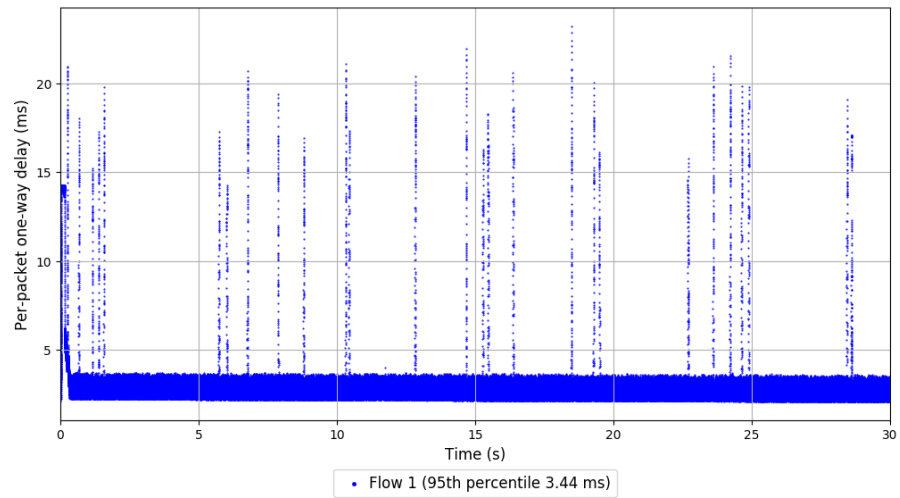
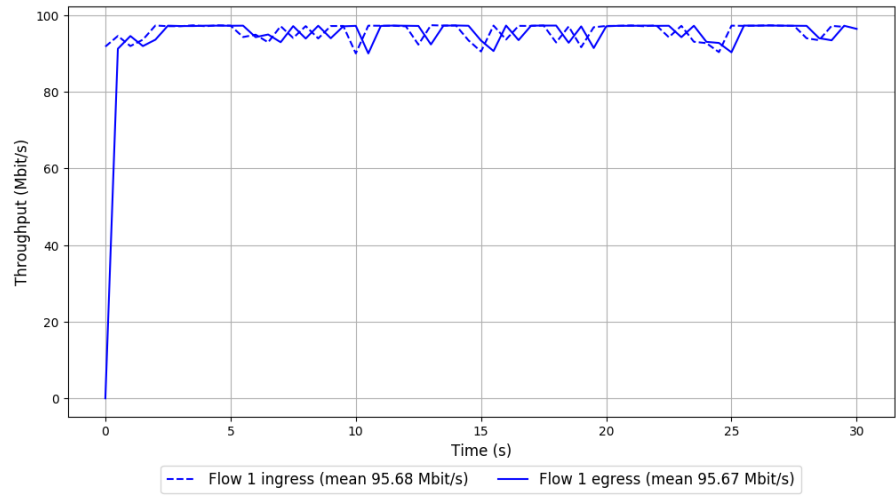


Run 7: Statistics of TCP Vegas

Start at: 2018-07-04 04:47:27
End at: 2018-07-04 04:47:58
Local clock offset: -4.469 ms
Remote clock offset: -1.339 ms

Below is generated by plot.py at 2018-07-04 06:23:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link

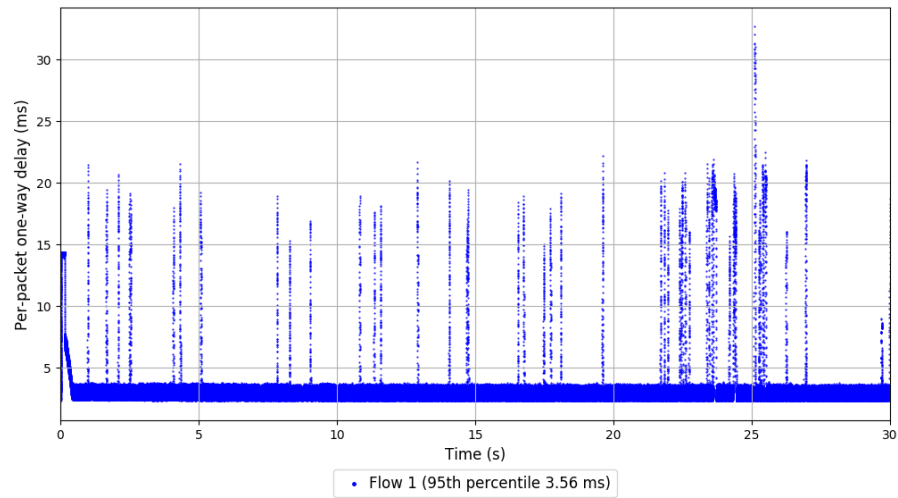
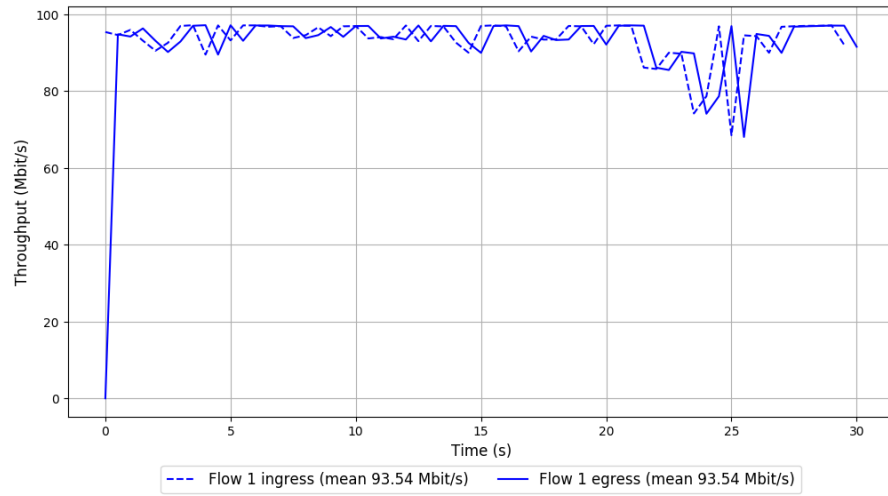


Run 8: Statistics of TCP Vegas

Start at: 2018-07-04 05:06:29
End at: 2018-07-04 05:06:59
Local clock offset: -1.358 ms
Remote clock offset: -2.205 ms

Below is generated by plot.py at 2018-07-04 06:23:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 3.559 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 3.559 ms
Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-07-04 05:25:29

End at: 2018-07-04 05:25:59

Local clock offset: -2.029 ms

Remote clock offset: -2.69 ms

Below is generated by plot.py at 2018-07-04 06:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 3.653 ms

Loss rate: 0.02%

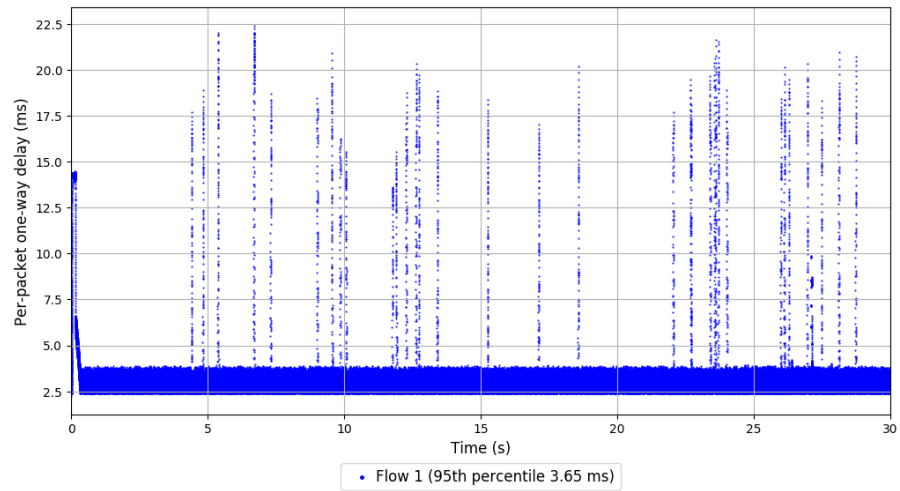
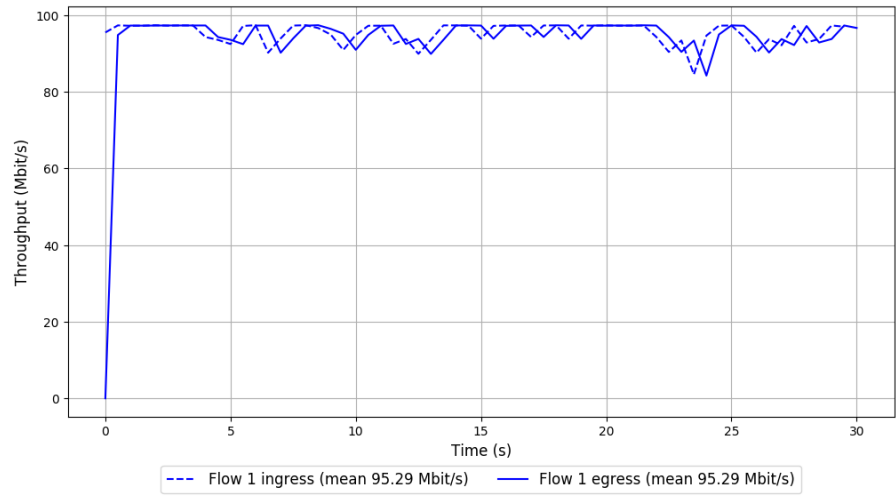
-- Flow 1:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 3.653 ms

Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link

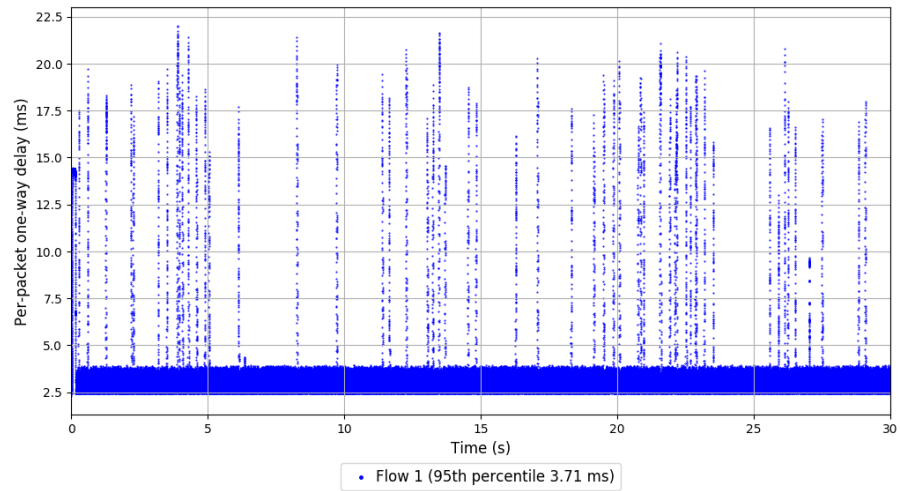
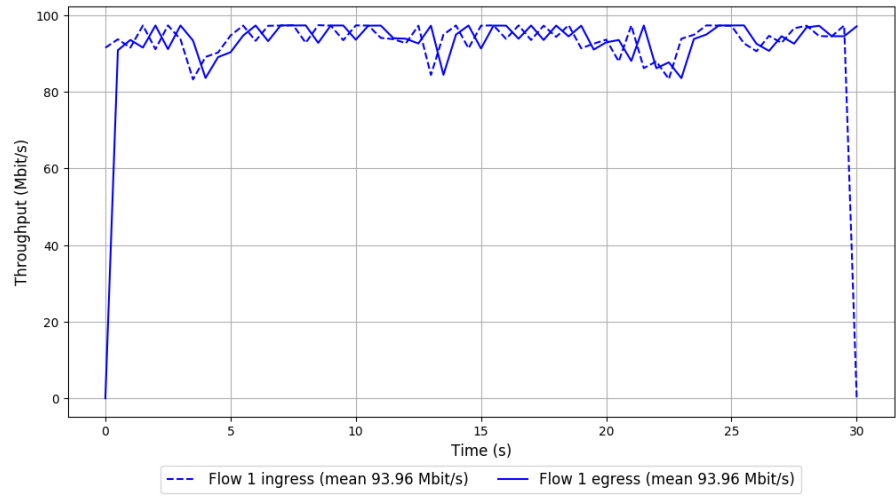


Run 10: Statistics of TCP Vegas

Start at: 2018-07-04 05:44:27
End at: 2018-07-04 05:44:57
Local clock offset: -2.224 ms
Remote clock offset: -2.141 ms

Below is generated by plot.py at 2018-07-04 06:23:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.02%

Run 10: Report of TCP Vegas — Data Link

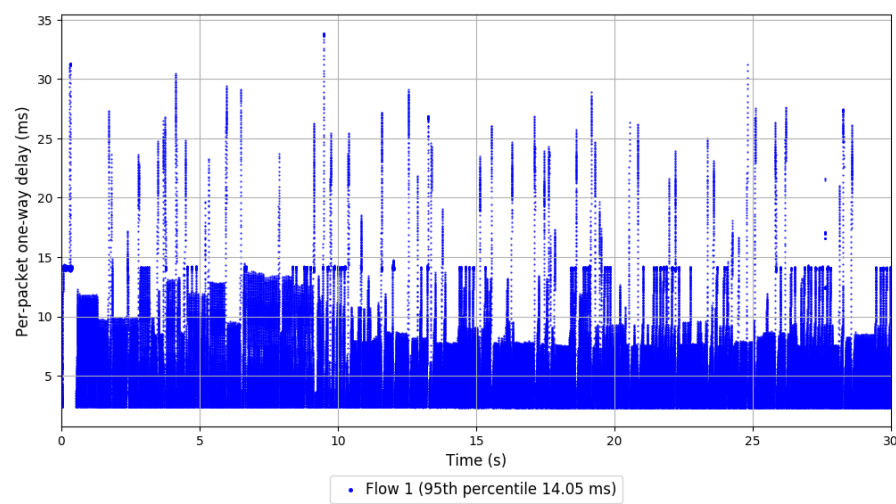
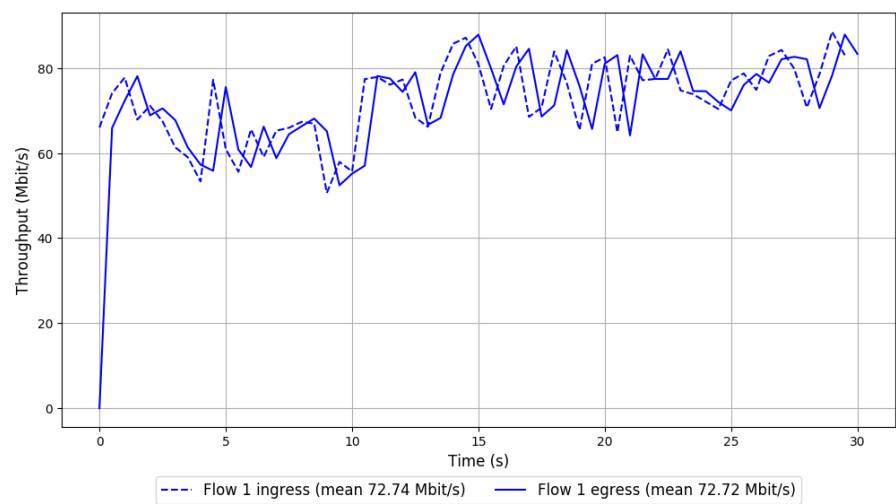


Run 1: Statistics of Verus

Start at: 2018-07-04 02:55:38
End at: 2018-07-04 02:56:08
Local clock offset: -2.506 ms
Remote clock offset: -6.964 ms

Below is generated by plot.py at 2018-07-04 06:23:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 14.050 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 14.050 ms
Loss rate: 0.03%

Run 1: Report of Verus — Data Link

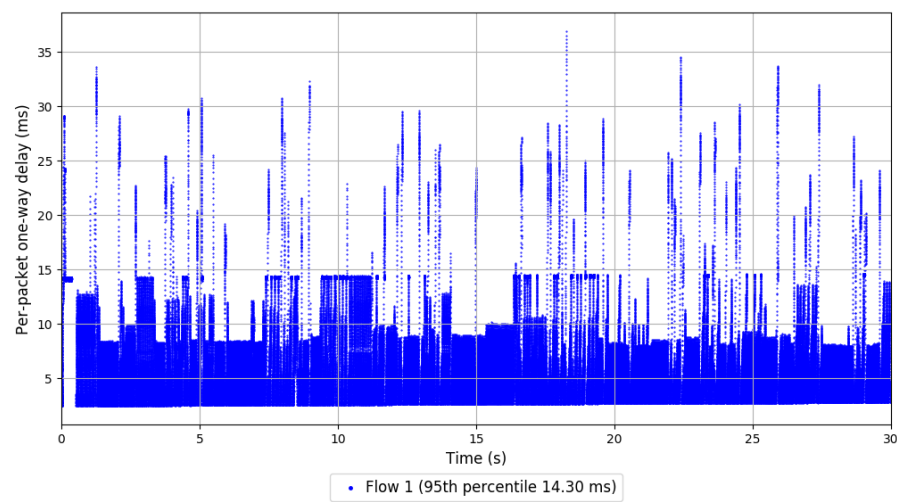
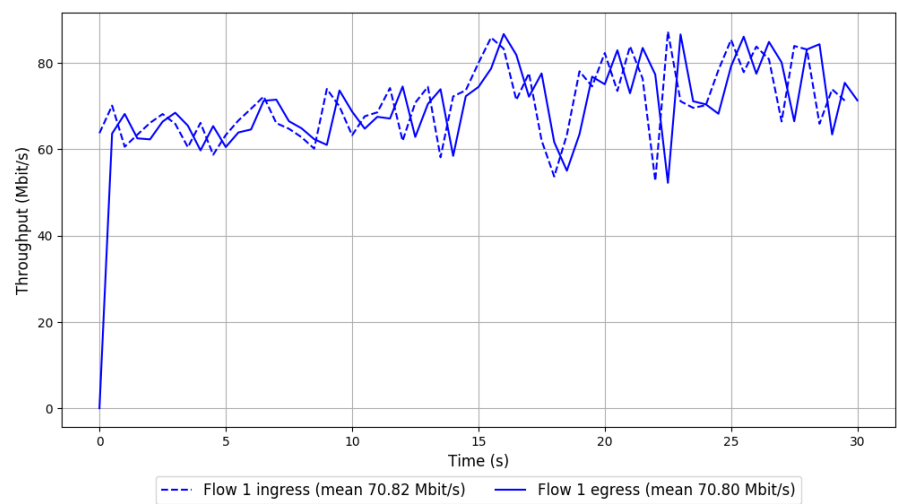


Run 2: Statistics of Verus

Start at: 2018-07-04 03:14:37
End at: 2018-07-04 03:15:07
Local clock offset: -2.649 ms
Remote clock offset: -8.087 ms

Below is generated by plot.py at 2018-07-04 06:23:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.80 Mbit/s
95th percentile per-packet one-way delay: 14.297 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 70.80 Mbit/s
95th percentile per-packet one-way delay: 14.297 ms
Loss rate: 0.03%

Run 2: Report of Verus — Data Link

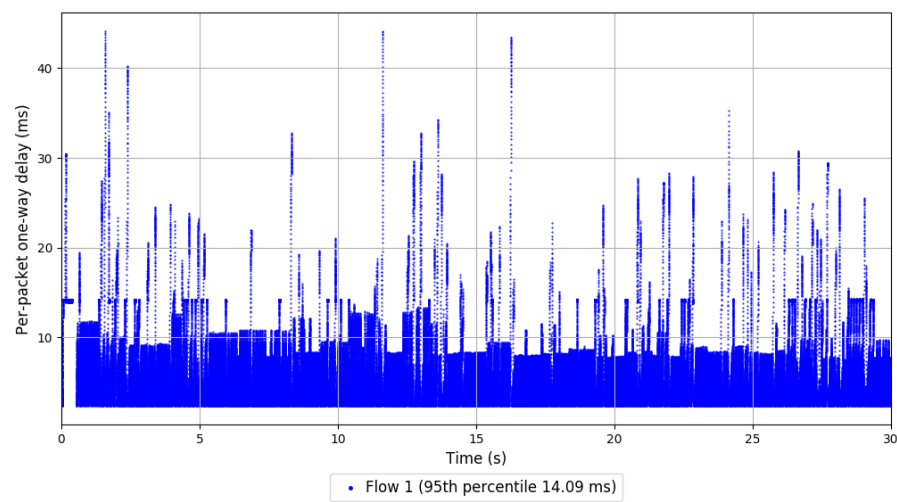
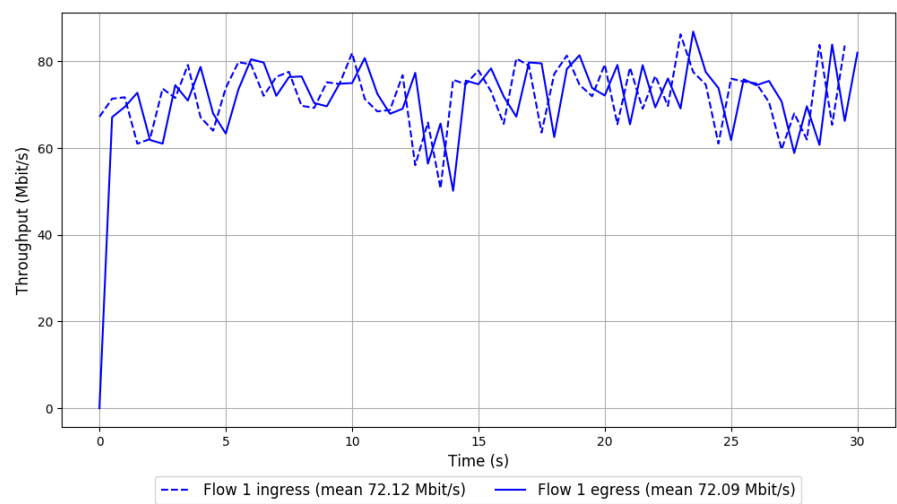


Run 3: Statistics of Verus

Start at: 2018-07-04 03:33:34
End at: 2018-07-04 03:34:04
Local clock offset: -2.667 ms
Remote clock offset: -2.694 ms

Below is generated by plot.py at 2018-07-04 06:23:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: 14.091 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: 14.091 ms
Loss rate: 0.05%

Run 3: Report of Verus — Data Link

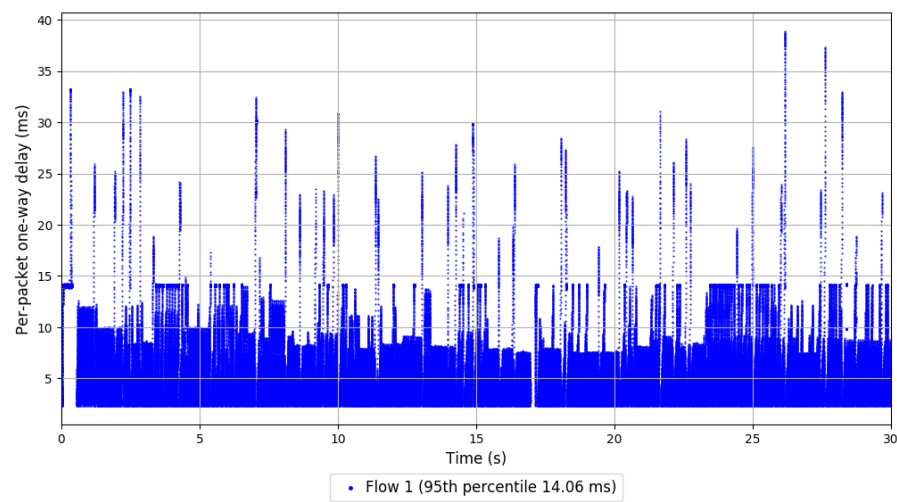
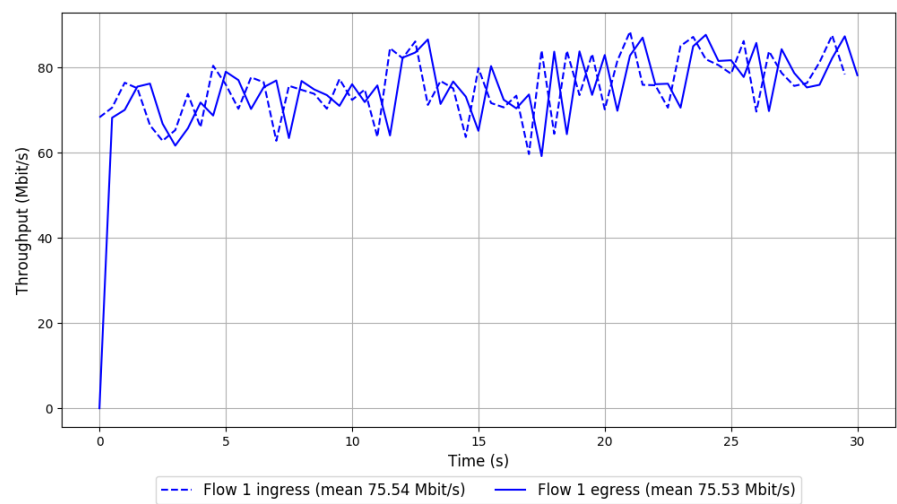


Run 4: Statistics of Verus

Start at: 2018-07-04 03:52:35
End at: 2018-07-04 03:53:05
Local clock offset: -2.741 ms
Remote clock offset: -2.502 ms

Below is generated by plot.py at 2018-07-04 06:23:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 14.058 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 14.058 ms
Loss rate: 0.02%

Run 4: Report of Verus — Data Link

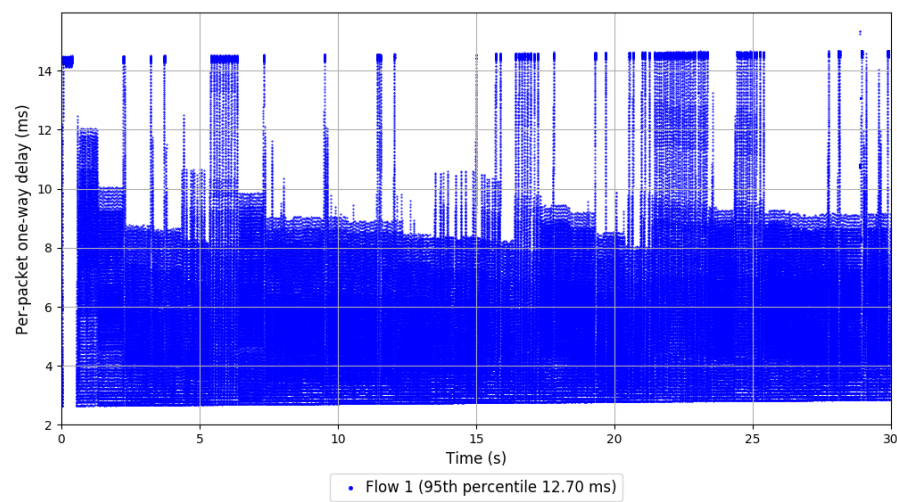
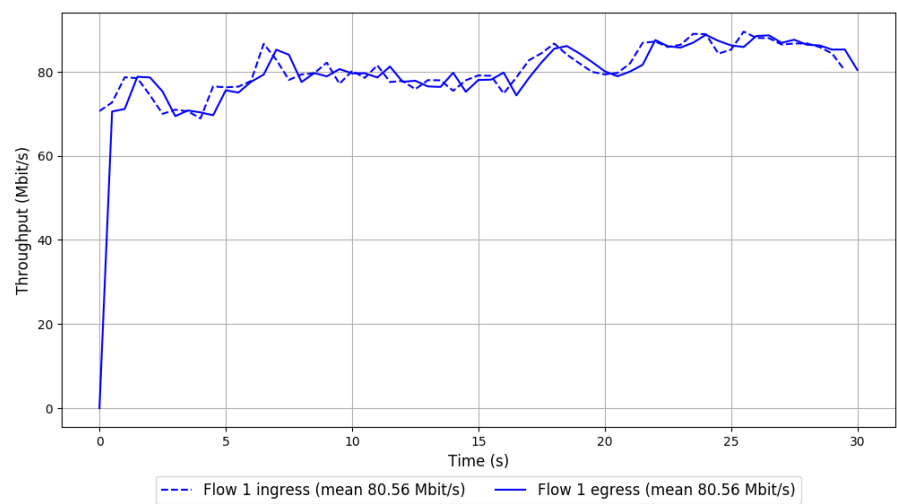


Run 5: Statistics of Verus

Start at: 2018-07-04 04:11:37
End at: 2018-07-04 04:12:07
Local clock offset: -3.321 ms
Remote clock offset: -3.089 ms

Below is generated by plot.py at 2018-07-04 06:24:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 12.701 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 12.701 ms
Loss rate: 0.02%

Run 5: Report of Verus — Data Link

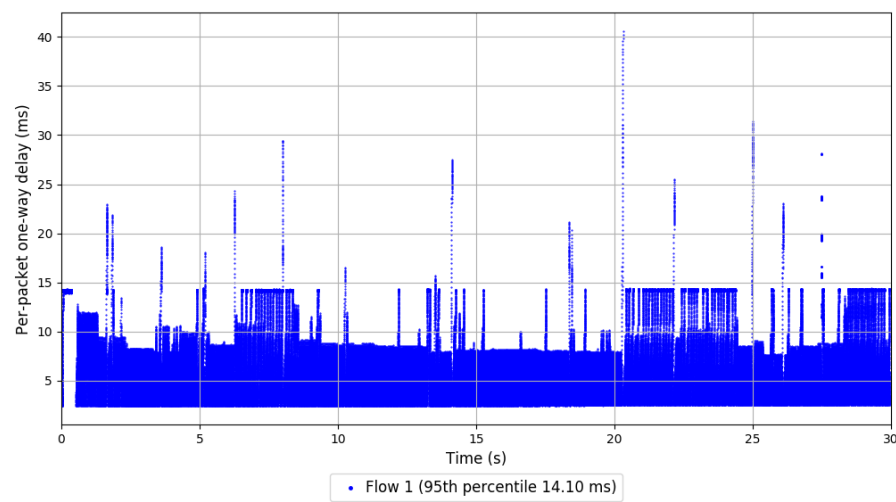
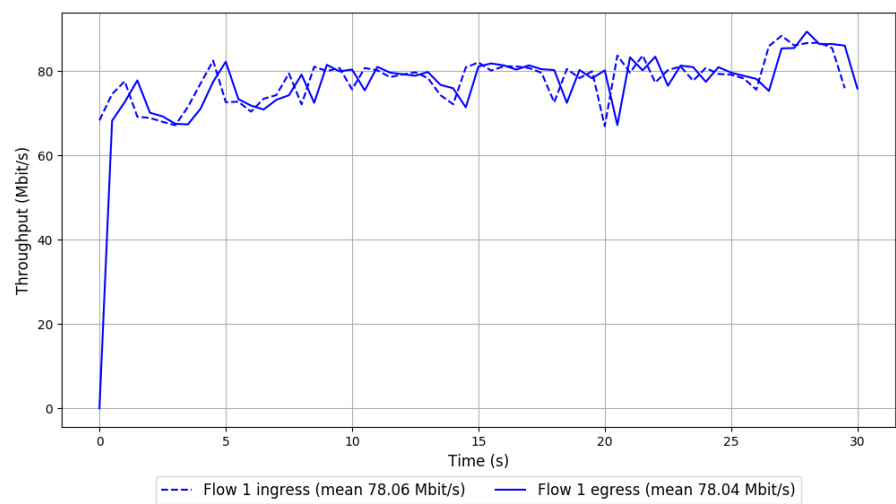


Run 6: Statistics of Verus

Start at: 2018-07-04 04:30:39
End at: 2018-07-04 04:31:09
Local clock offset: -7.549 ms
Remote clock offset: -2.057 ms

Below is generated by plot.py at 2018-07-04 06:24:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.03%

Run 6: Report of Verus — Data Link

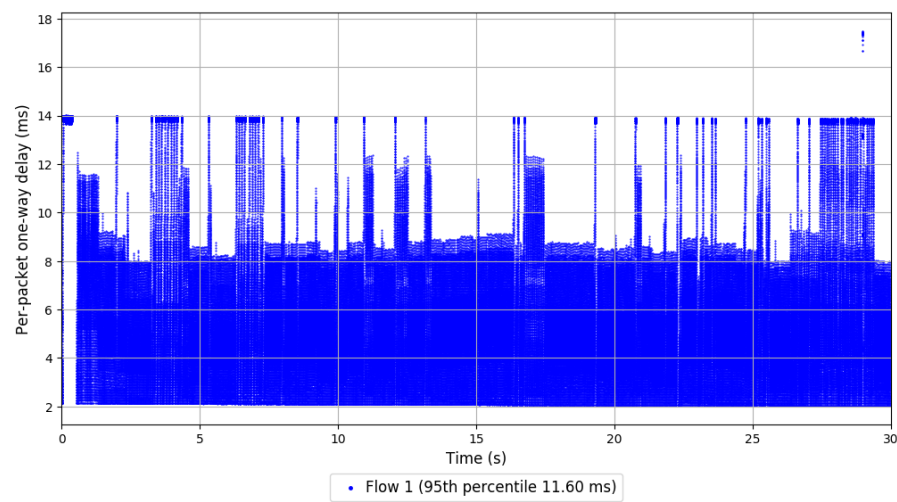
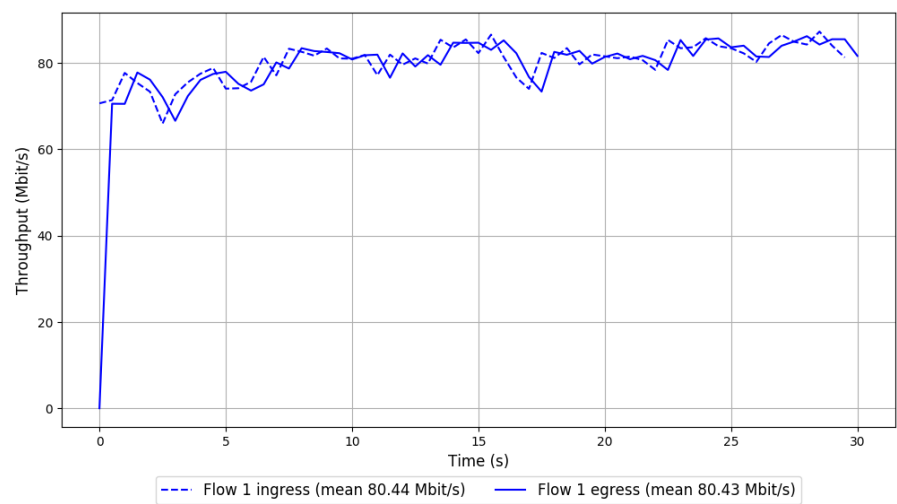


Run 7: Statistics of Verus

Start at: 2018-07-04 04:49:40
End at: 2018-07-04 04:50:10
Local clock offset: -3.85 ms
Remote clock offset: -1.238 ms

Below is generated by plot.py at 2018-07-04 06:24:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 11.604 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 11.604 ms
Loss rate: 0.02%

Run 7: Report of Verus — Data Link

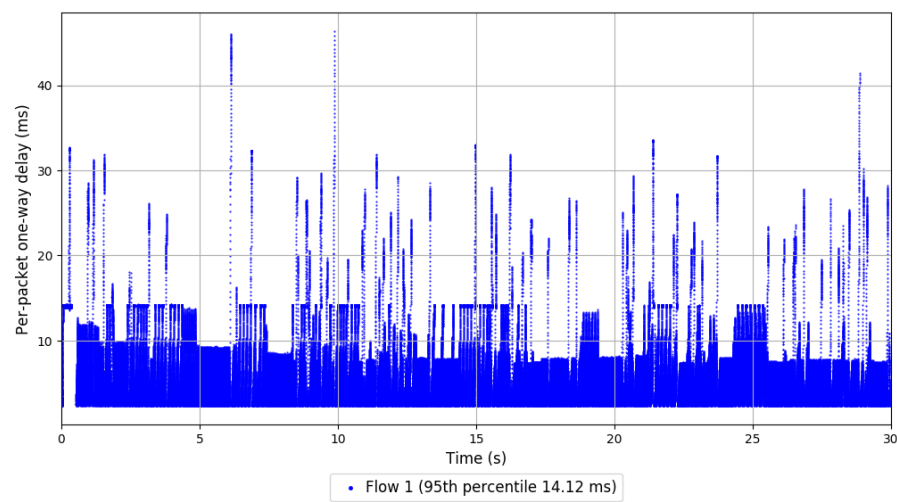
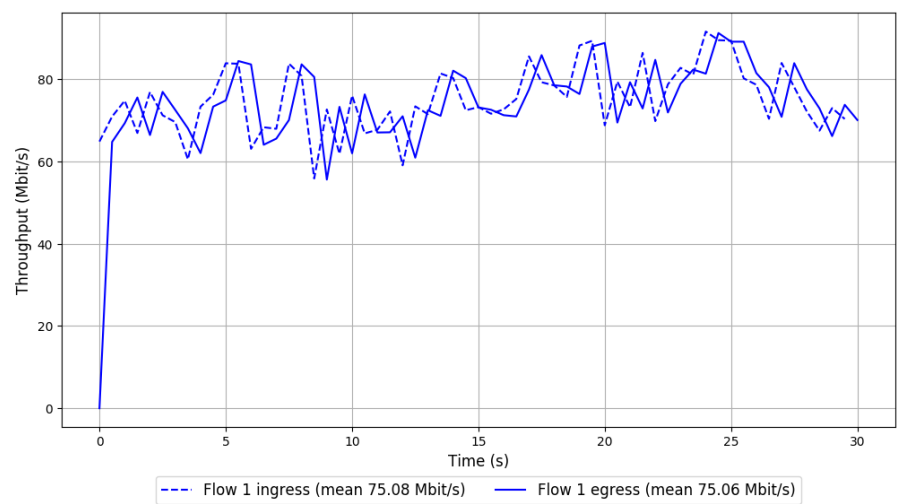


Run 8: Statistics of Verus

Start at: 2018-07-04 05:08:42
End at: 2018-07-04 05:09:12
Local clock offset: -1.202 ms
Remote clock offset: -2.344 ms

Below is generated by plot.py at 2018-07-04 06:24:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 14.116 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 14.116 ms
Loss rate: 0.03%

Run 8: Report of Verus — Data Link

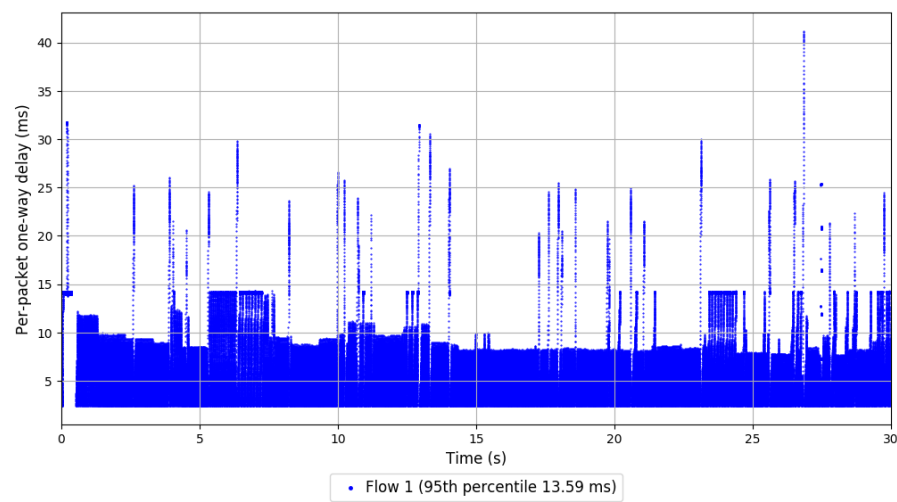
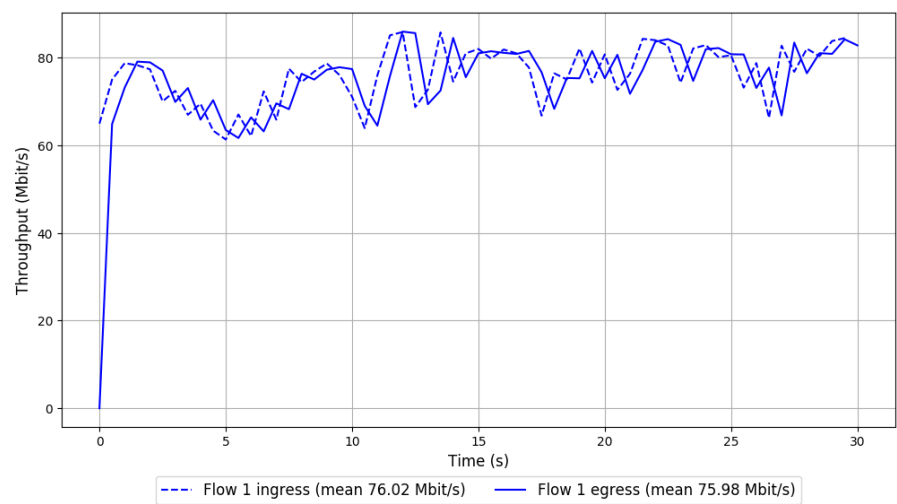


Run 9: Statistics of Verus

Start at: 2018-07-04 05:27:42
End at: 2018-07-04 05:28:12
Local clock offset: -2.078 ms
Remote clock offset: -2.778 ms

Below is generated by plot.py at 2018-07-04 06:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 13.585 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 13.585 ms
Loss rate: 0.05%

Run 9: Report of Verus — Data Link

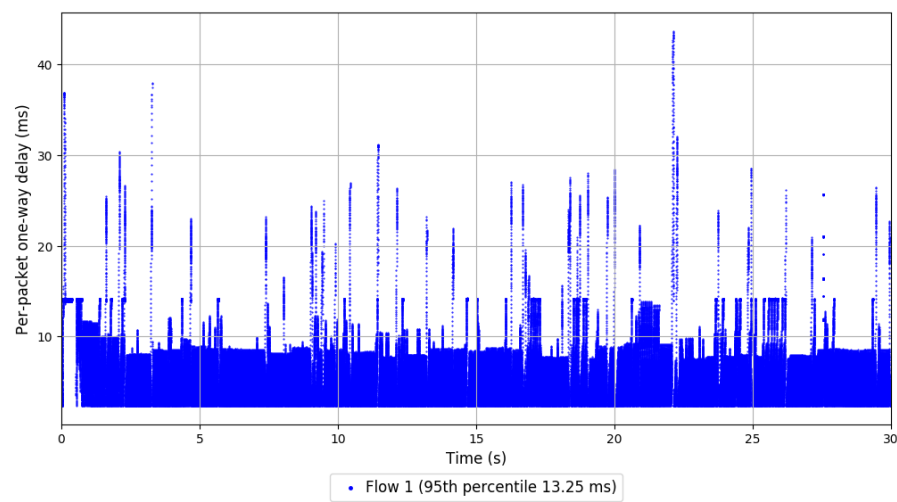
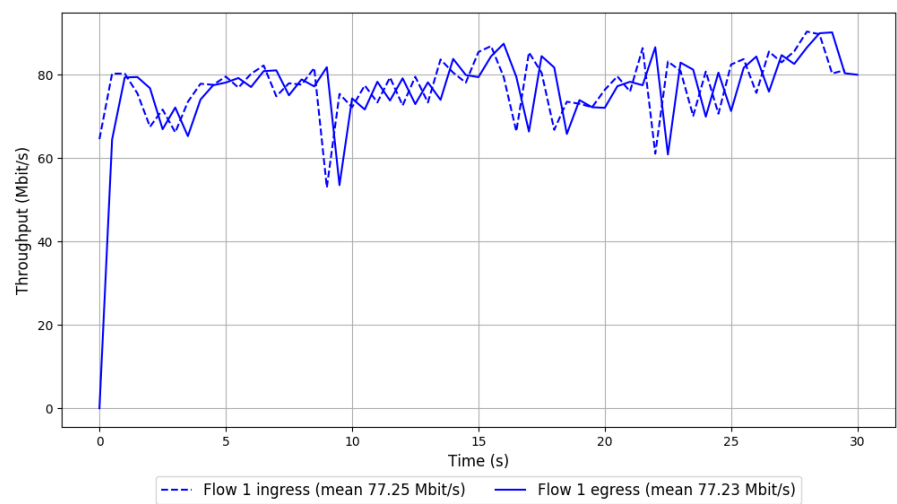


Run 10: Statistics of Verus

Start at: 2018-07-04 05:46:39
End at: 2018-07-04 05:47:09
Local clock offset: -2.297 ms
Remote clock offset: -2.056 ms

Below is generated by plot.py at 2018-07-04 06:24:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 13.247 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 13.247 ms
Loss rate: 0.04%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-04 03:02:23

End at: 2018-07-04 03:02:53

Local clock offset: -2.621 ms

Remote clock offset: -8.038 ms

Below is generated by plot.py at 2018-07-04 06:24:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.30 Mbit/s

95th percentile per-packet one-way delay: 13.851 ms

Loss rate: 0.12%

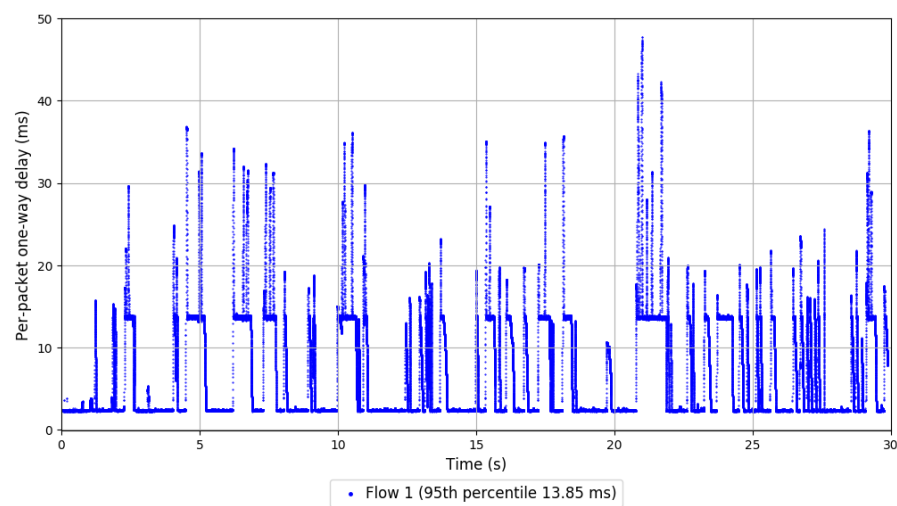
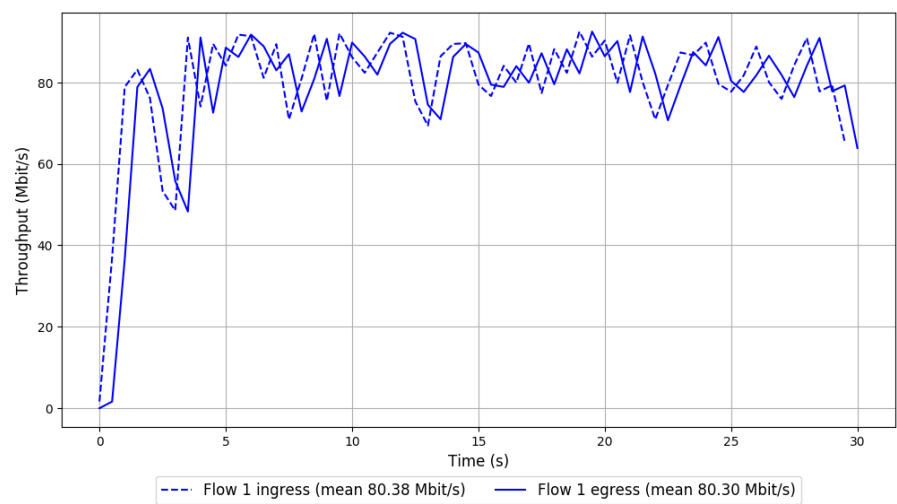
-- Flow 1:

Average throughput: 80.30 Mbit/s

95th percentile per-packet one-way delay: 13.851 ms

Loss rate: 0.12%

Run 1: Report of PCC-Vivace — Data Link

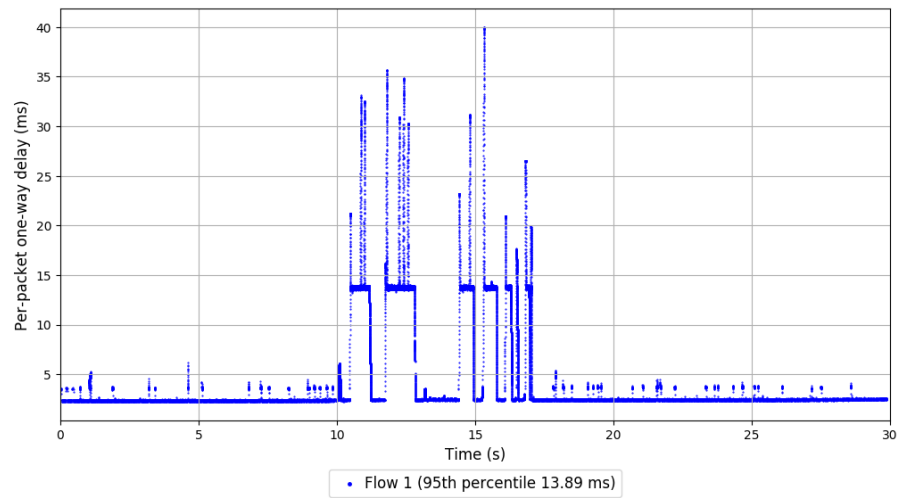
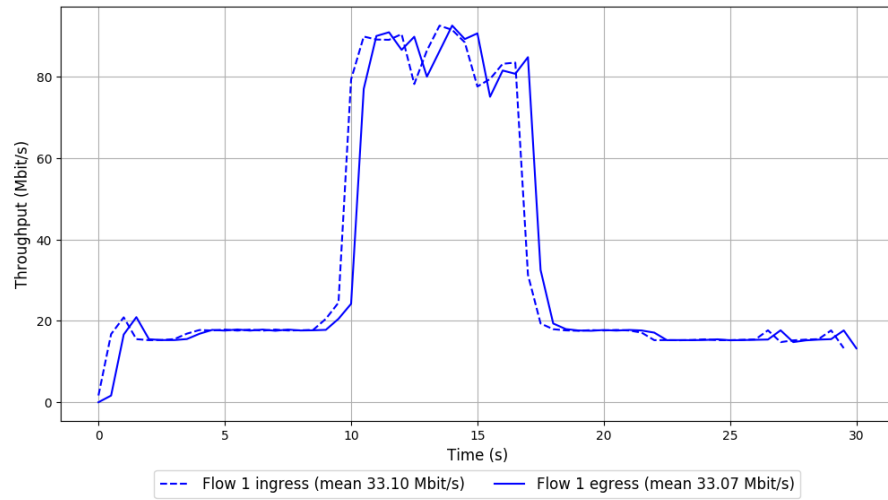


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-04 03:21:22
End at: 2018-07-04 03:21:52
Local clock offset: -2.659 ms
Remote clock offset: -4.847 ms

Below is generated by plot.py at 2018-07-04 06:24:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 13.892 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 13.892 ms
Loss rate: 0.13%

Run 2: Report of PCC-Vivace — Data Link

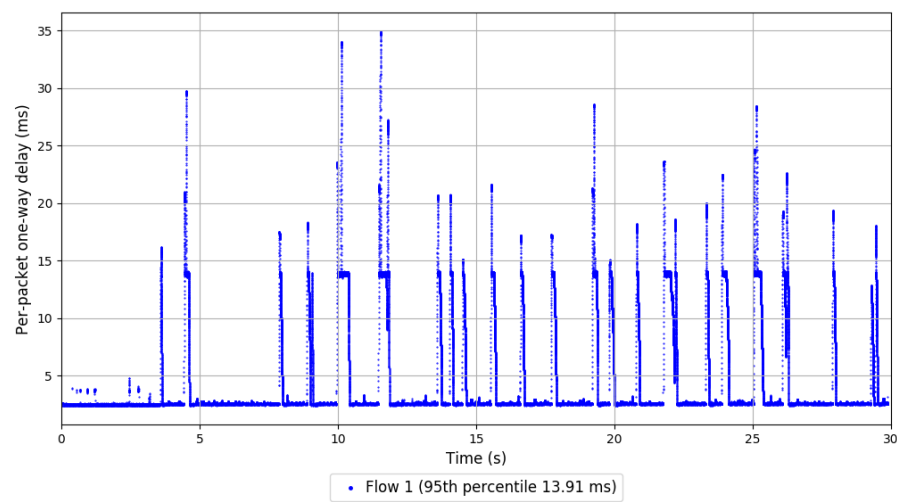
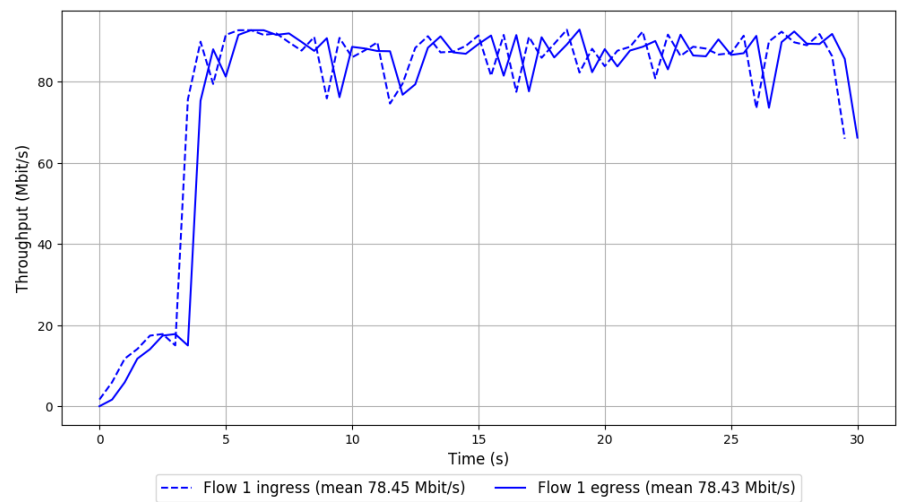


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-04 03:40:20
End at: 2018-07-04 03:40:50
Local clock offset: -2.599 ms
Remote clock offset: -2.338 ms

Below is generated by plot.py at 2018-07-04 06:25:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 13.908 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 13.908 ms
Loss rate: 0.04%

Run 3: Report of PCC-Vivace — Data Link

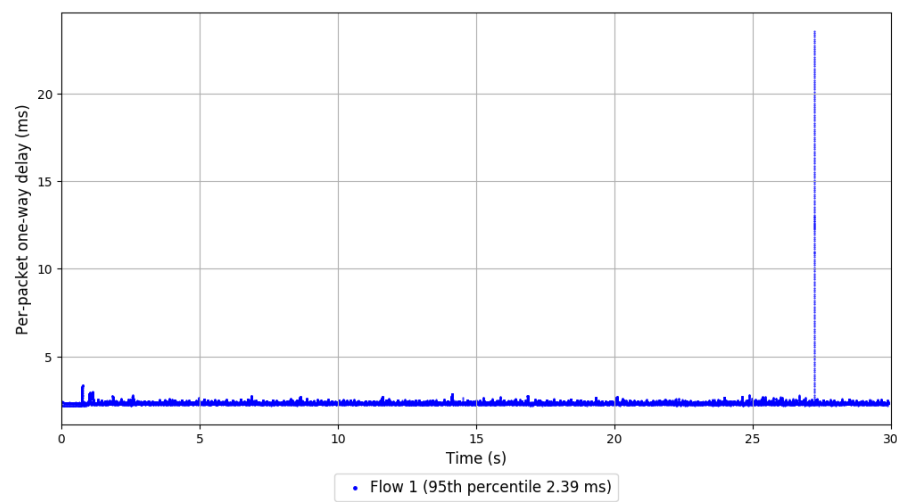
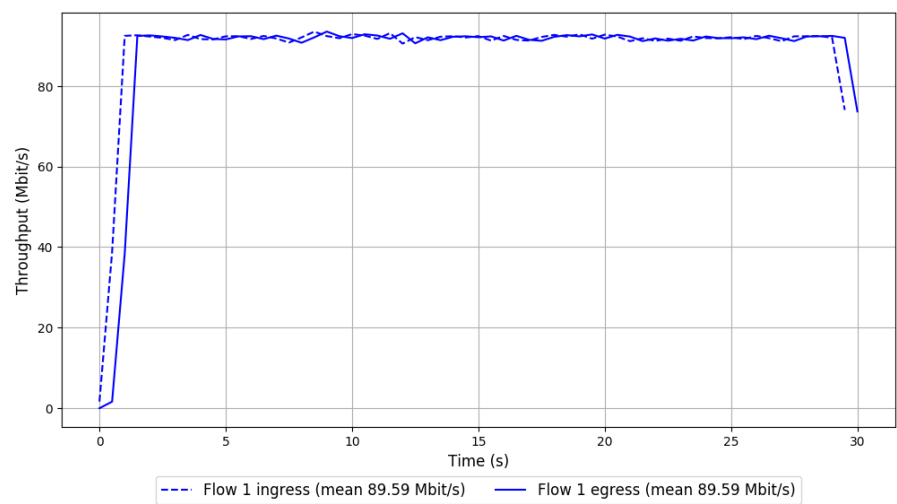


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-04 03:59:20
End at: 2018-07-04 03:59:50
Local clock offset: -2.717 ms
Remote clock offset: -2.823 ms

Below is generated by plot.py at 2018-07-04 06:25:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 2.394 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 2.394 ms
Loss rate: 0.02%

Run 4: Report of PCC-Vivace — Data Link

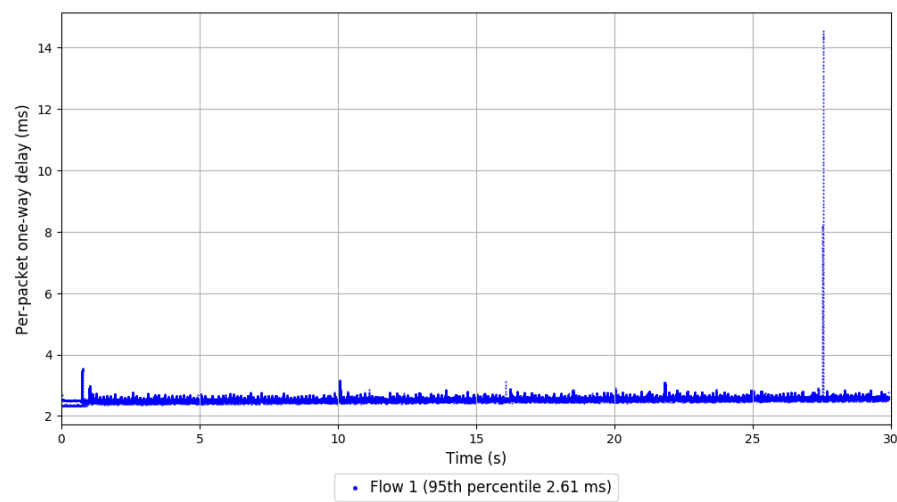
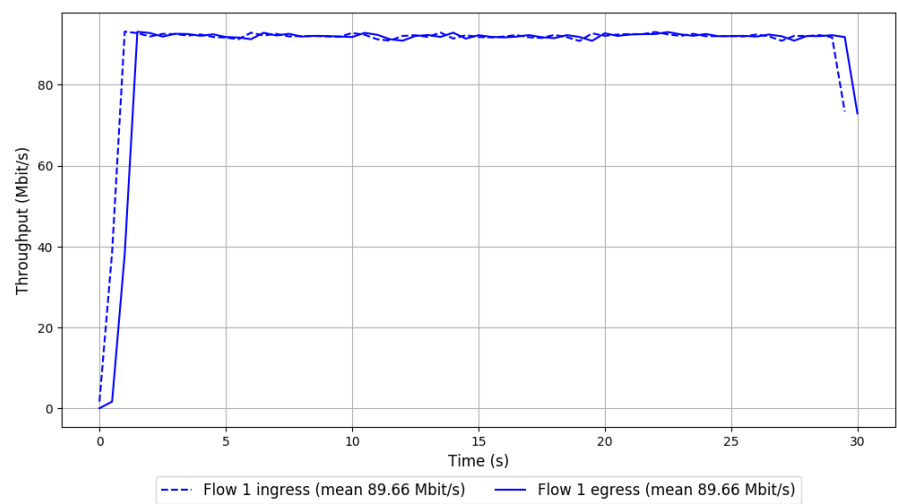


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-04 04:18:23
End at: 2018-07-04 04:18:53
Local clock offset: -5.594 ms
Remote clock offset: -3.122 ms

Below is generated by plot.py at 2018-07-04 06:25:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 2.612 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 2.612 ms
Loss rate: 0.02%

Run 5: Report of PCC-Vivace — Data Link

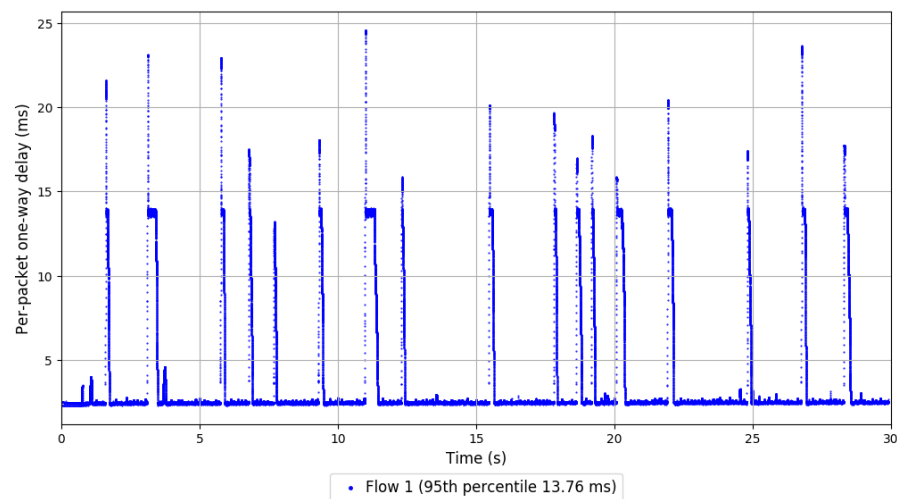
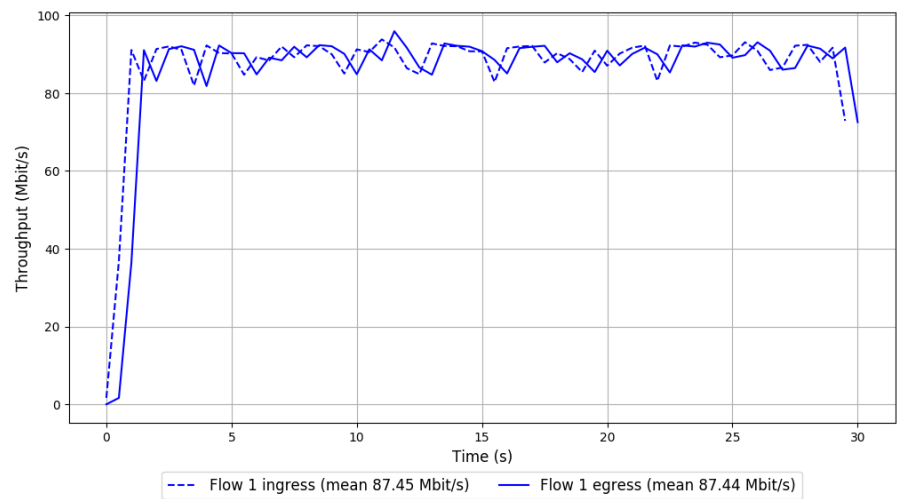


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-04 04:37:25
End at: 2018-07-04 04:37:55
Local clock offset: -8.112 ms
Remote clock offset: -1.709 ms

Below is generated by plot.py at 2018-07-04 06:25:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 13.755 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 13.755 ms
Loss rate: 0.02%

Run 6: Report of PCC-Vivace — Data Link

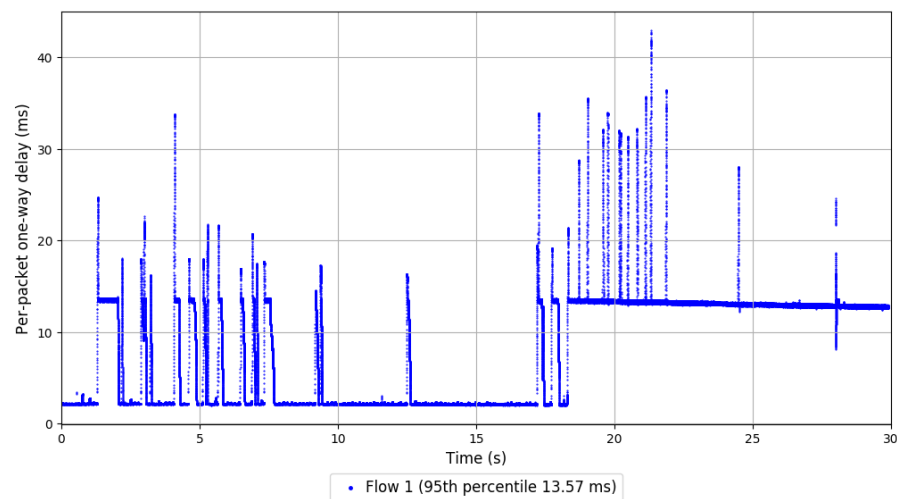
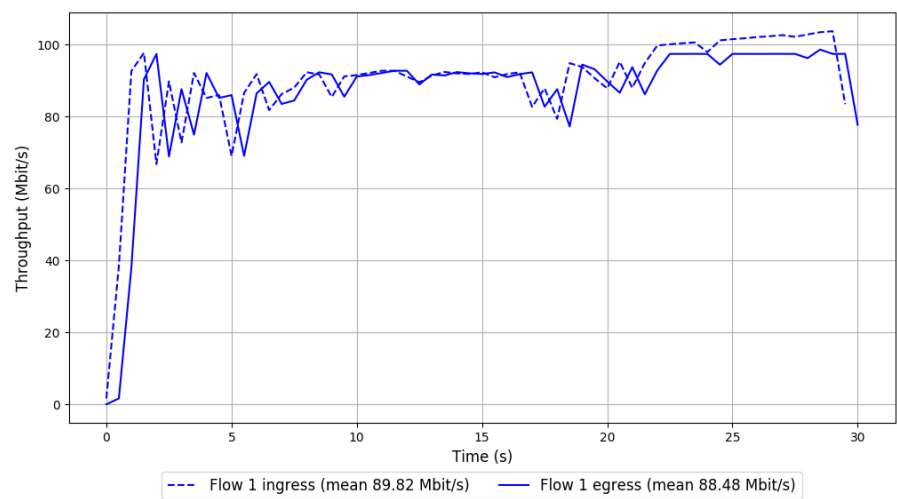


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-04 04:56:26
End at: 2018-07-04 04:56:56
Local clock offset: -2.406 ms
Remote clock offset: -1.258 ms

Below is generated by plot.py at 2018-07-04 06:25:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 13.569 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 13.569 ms
Loss rate: 1.52%

Run 7: Report of PCC-Vivace — Data Link

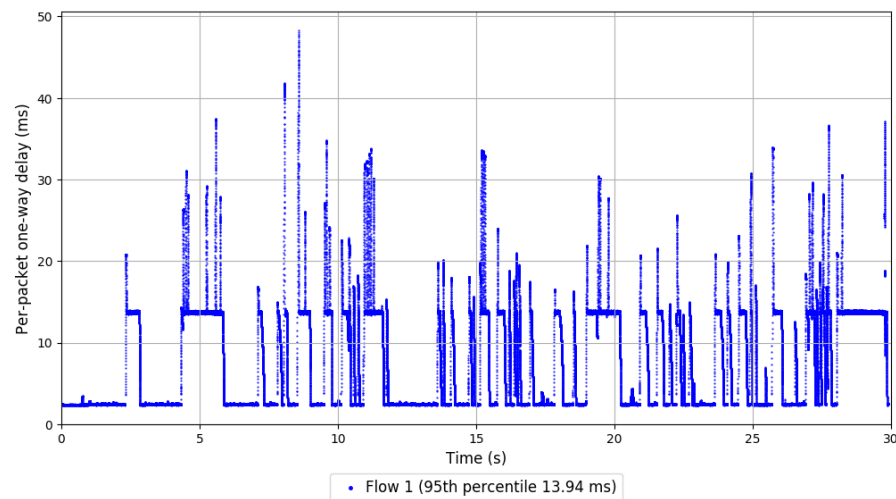
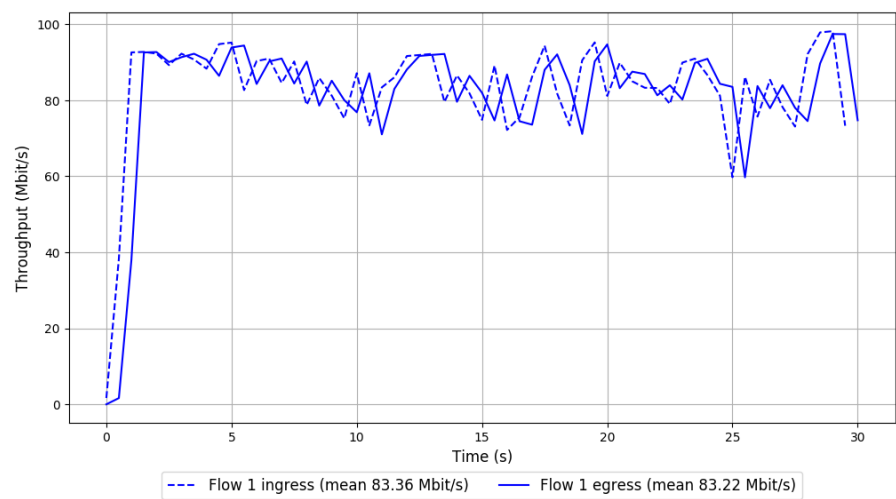


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-04 05:15:27
End at: 2018-07-04 05:15:57
Local clock offset: -1.654 ms
Remote clock offset: -2.583 ms

Below is generated by plot.py at 2018-07-04 06:25:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.22 Mbit/s
95th percentile per-packet one-way delay: 13.935 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 83.22 Mbit/s
95th percentile per-packet one-way delay: 13.935 ms
Loss rate: 0.17%

Run 8: Report of PCC-Vivace — Data Link

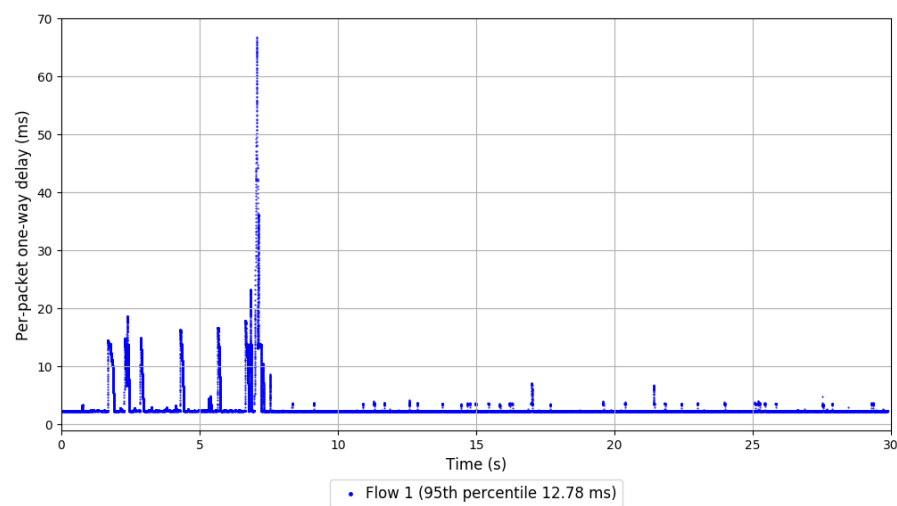
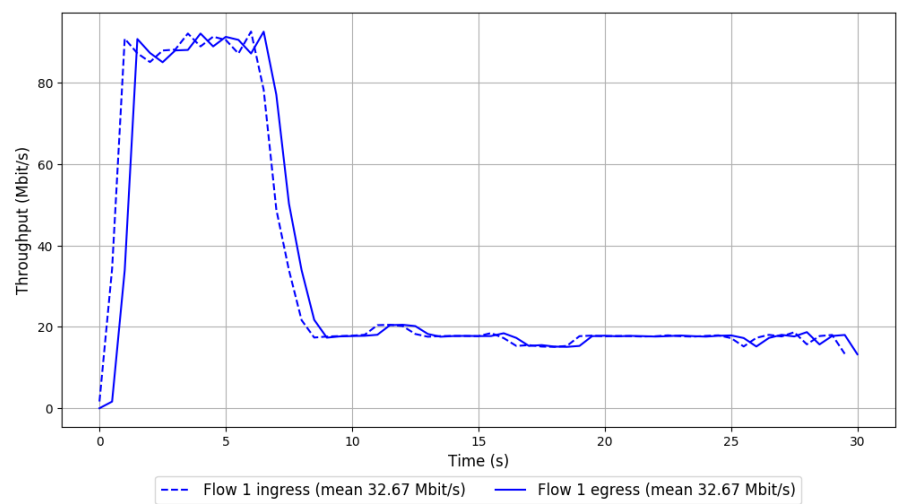


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-04 05:34:27
End at: 2018-07-04 05:34:57
Local clock offset: -2.075 ms
Remote clock offset: -2.429 ms

Below is generated by plot.py at 2018-07-04 06:25:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 12.776 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 12.776 ms
Loss rate: 0.02%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-04 05:53:24

End at: 2018-07-04 05:53:54

Local clock offset: -2.406 ms

Remote clock offset: -2.13 ms

Below is generated by plot.py at 2018-07-04 06:25:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.14%

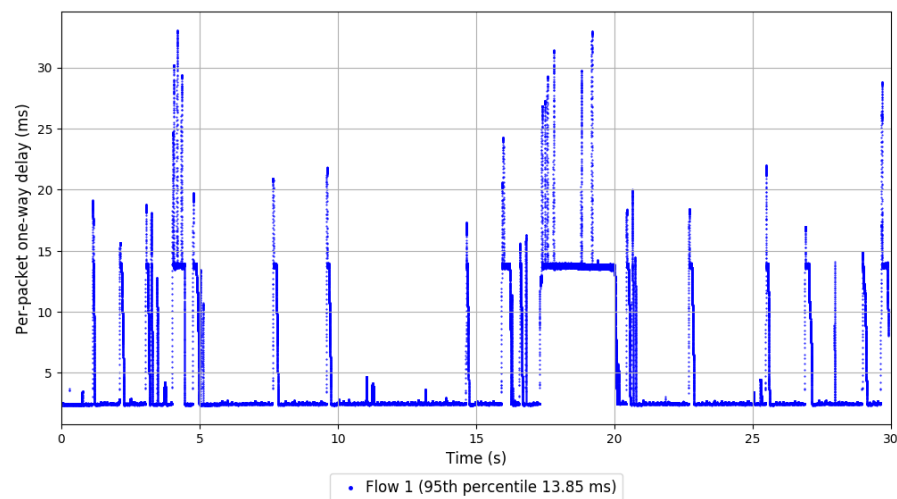
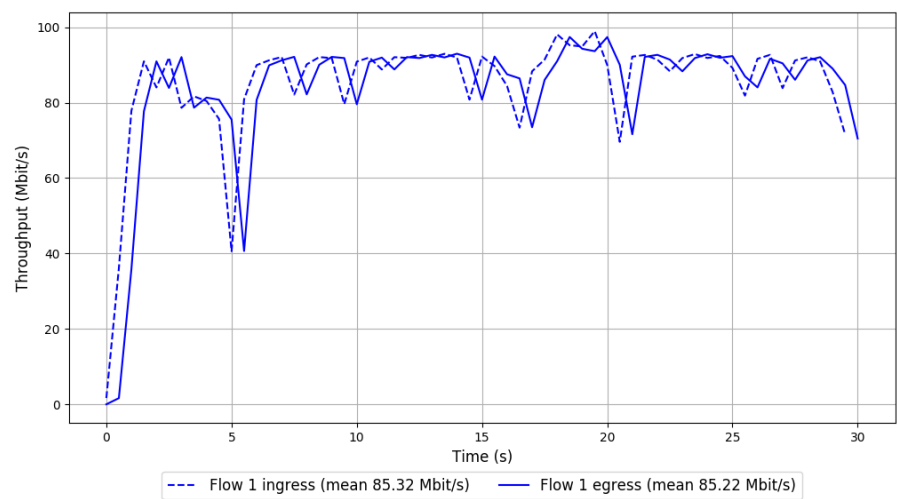
-- Flow 1:

Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.14%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-07-04 03:04:40

End at: 2018-07-04 03:05:10

Local clock offset: -2.632 ms

Remote clock offset: -8.23 ms

Below is generated by plot.py at 2018-07-04 06:25:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 3.020 ms

Loss rate: 0.00%

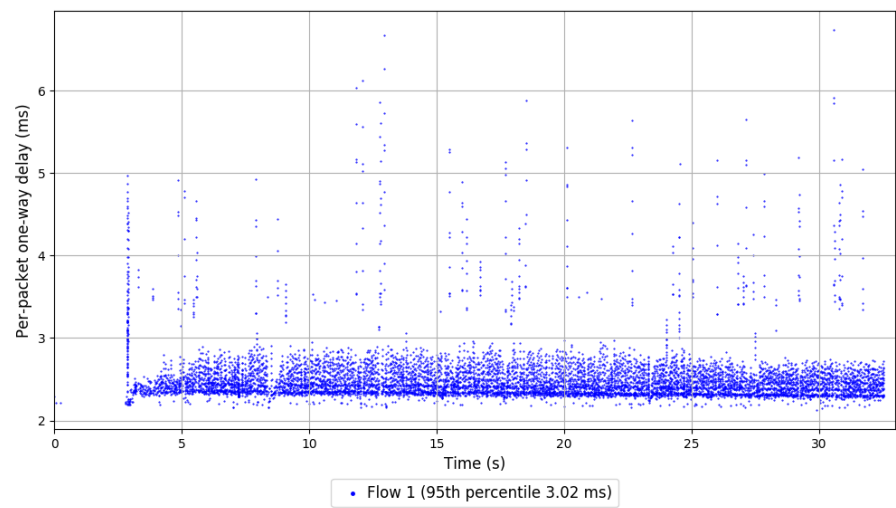
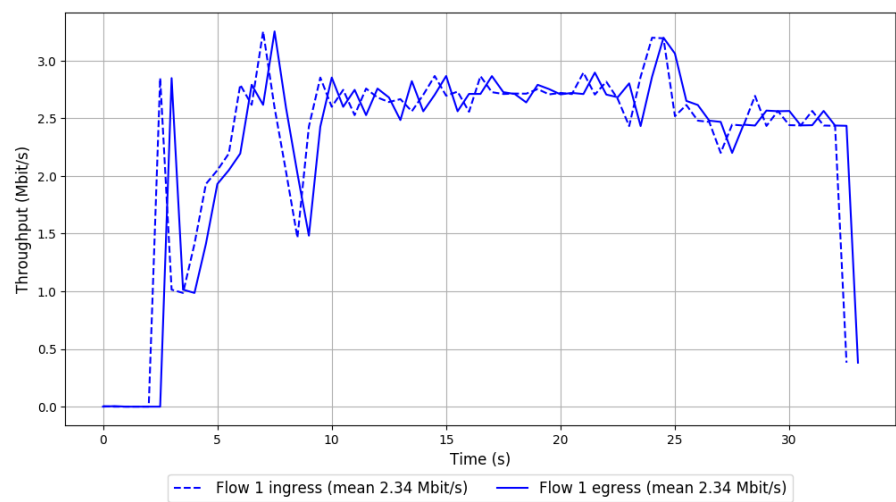
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 3.020 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

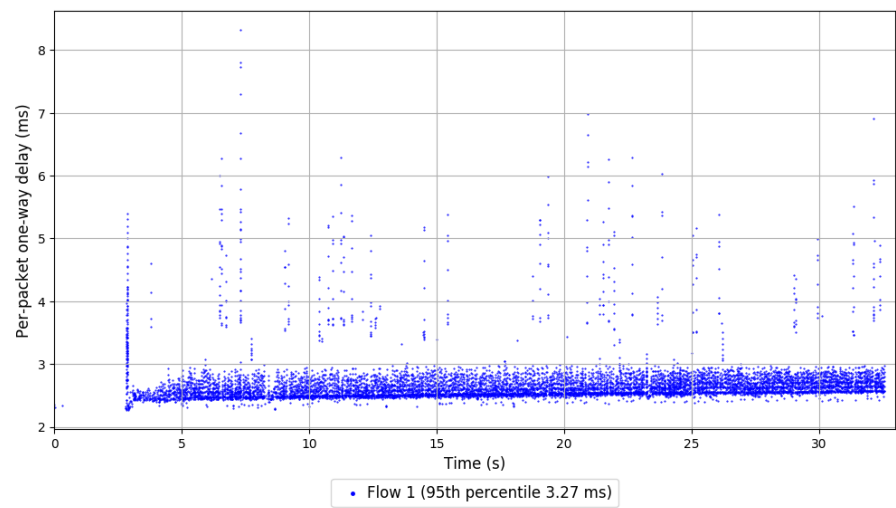
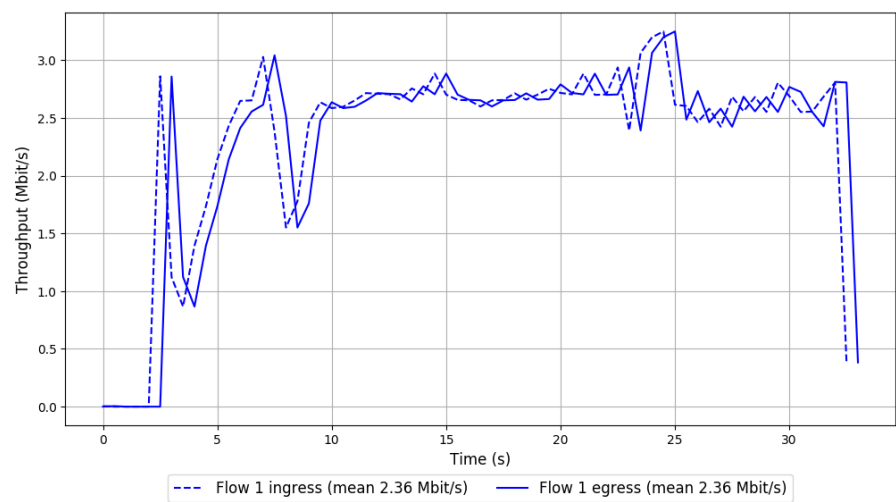


Run 2: Statistics of WebRTC media

Start at: 2018-07-04 03:23:37
End at: 2018-07-04 03:24:07
Local clock offset: -2.641 ms
Remote clock offset: -4.231 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 3.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 3.268 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

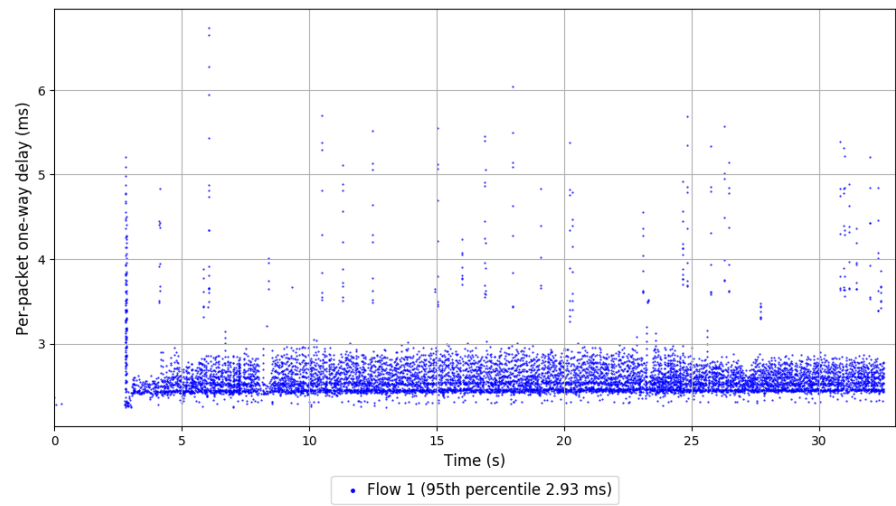
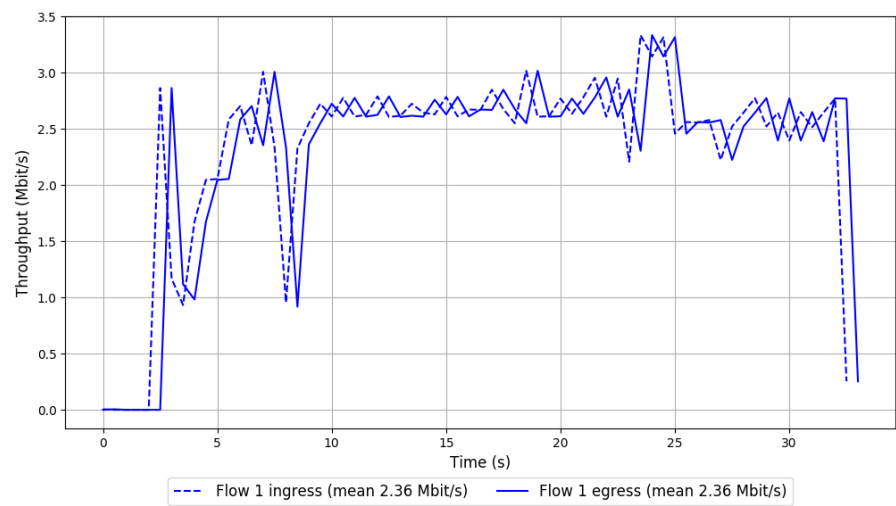


Run 3: Statistics of WebRTC media

Start at: 2018-07-04 03:42:37
End at: 2018-07-04 03:43:07
Local clock offset: -2.612 ms
Remote clock offset: -2.083 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.929 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

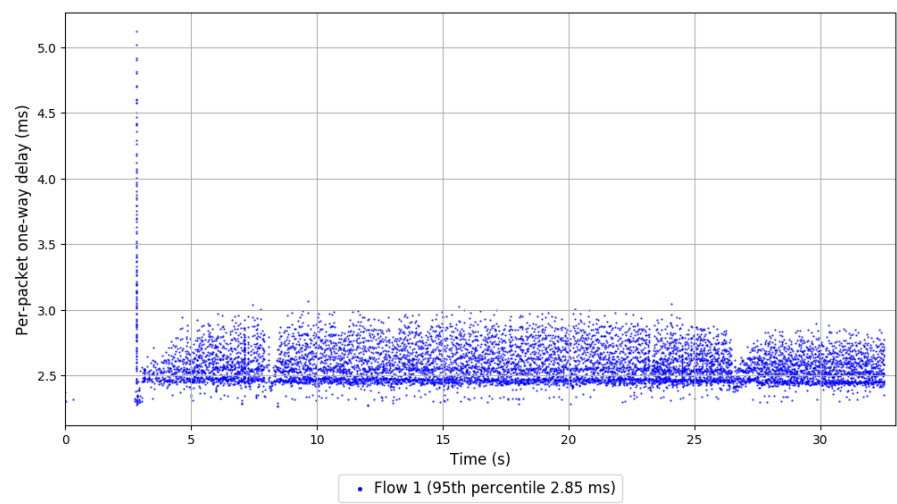
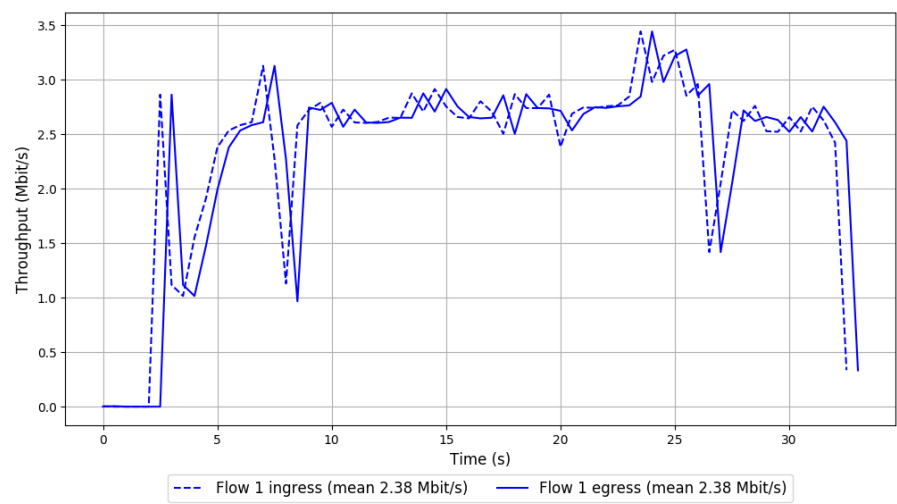


Run 4: Statistics of WebRTC media

Start at: 2018-07-04 04:01:39
End at: 2018-07-04 04:02:09
Local clock offset: -2.722 ms
Remote clock offset: -2.961 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 2.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 2.847 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

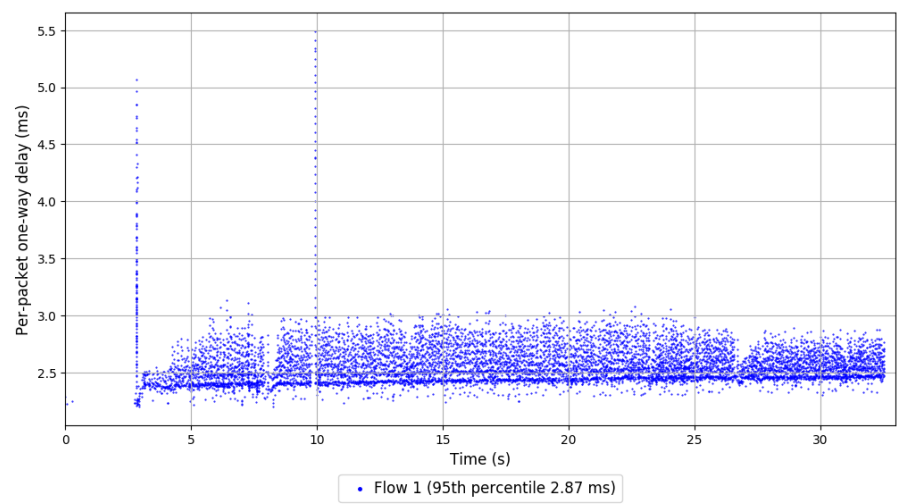
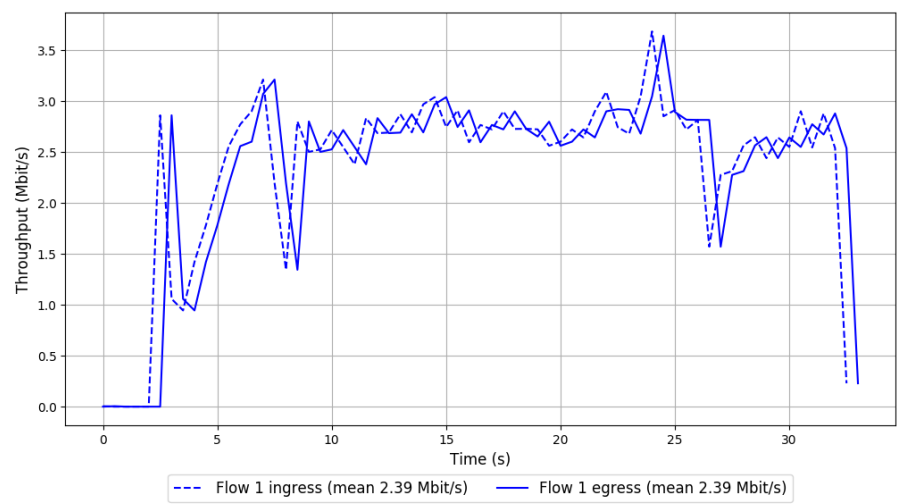


Run 5: Statistics of WebRTC media

Start at: 2018-07-04 04:20:41
End at: 2018-07-04 04:21:11
Local clock offset: -6.185 ms
Remote clock offset: -3.089 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

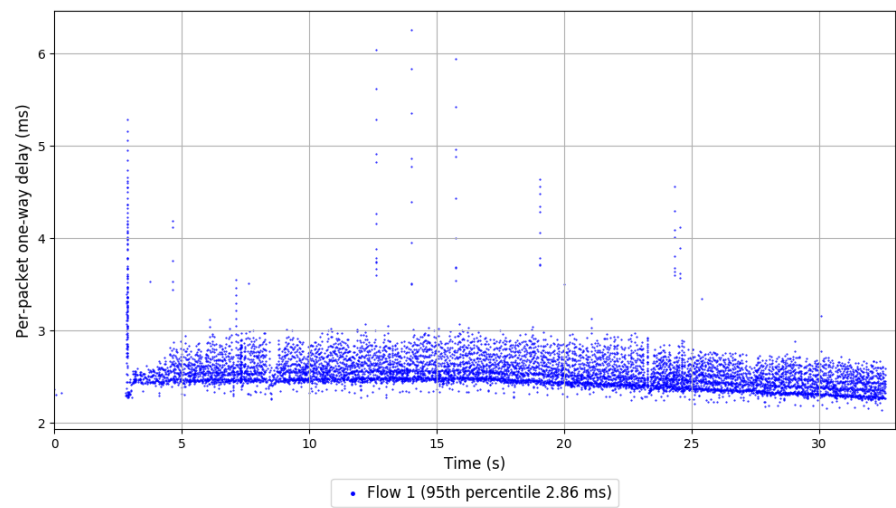
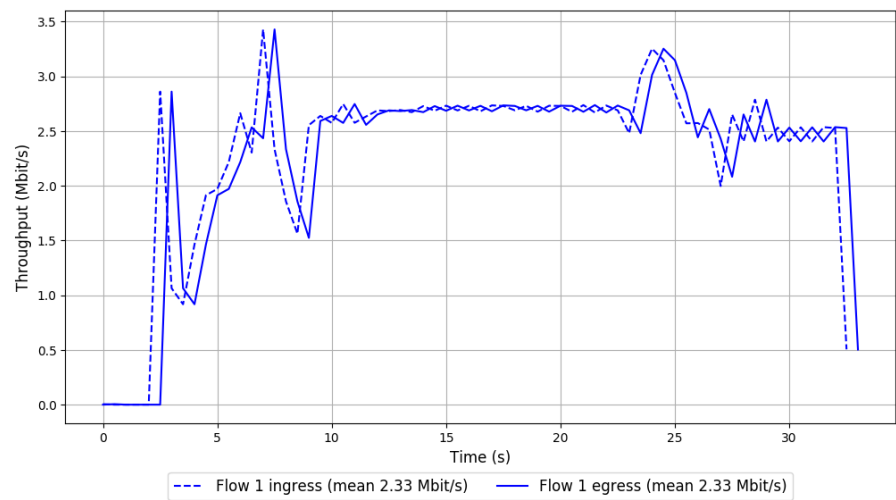


Run 6: Statistics of WebRTC media

Start at: 2018-07-04 04:39:43
End at: 2018-07-04 04:40:13
Local clock offset: -8.272 ms
Remote clock offset: -1.556 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.863 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

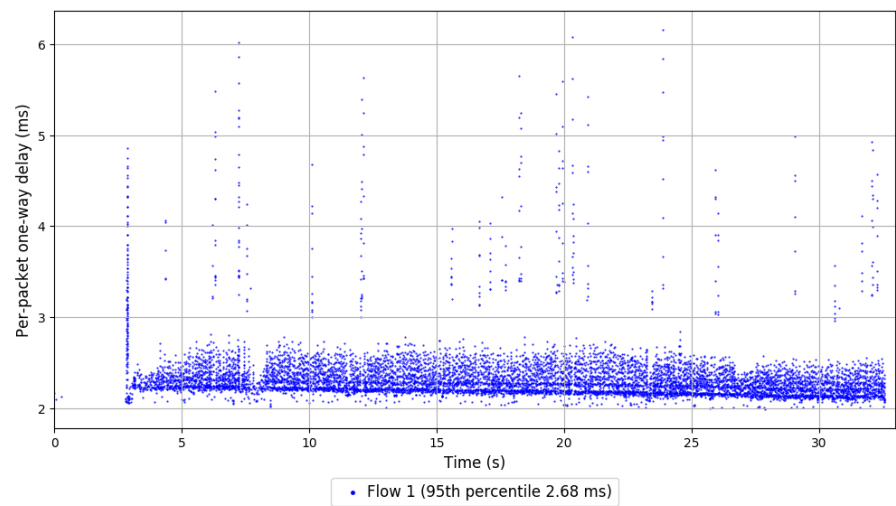
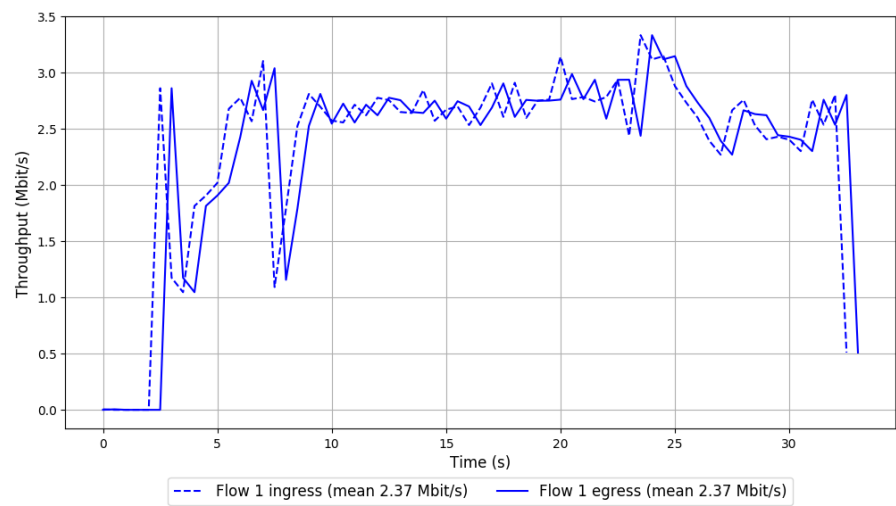


Run 7: Statistics of WebRTC media

Start at: 2018-07-04 04:58:44
End at: 2018-07-04 04:59:14
Local clock offset: -2.139 ms
Remote clock offset: -1.551 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.684 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

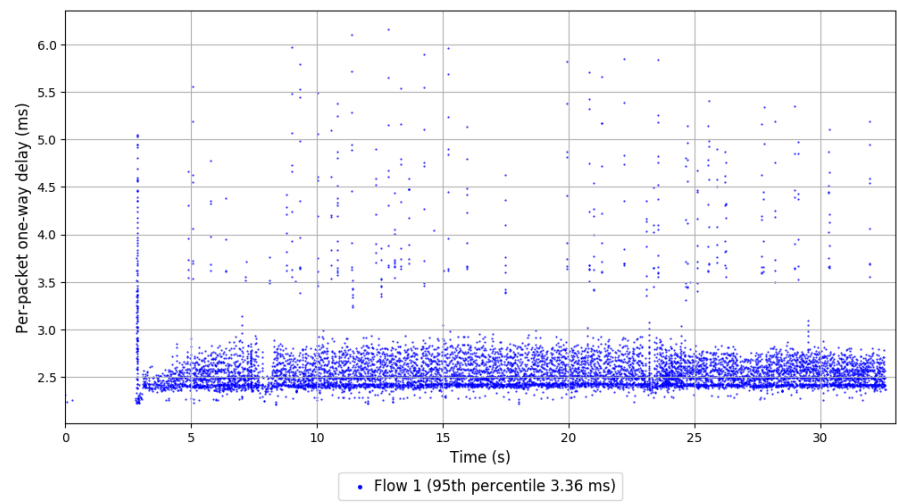
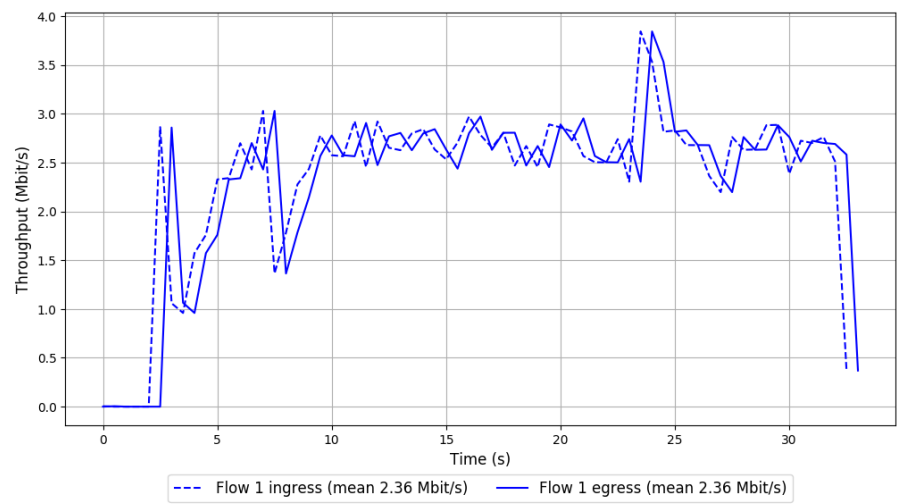


Run 8: Statistics of WebRTC media

Start at: 2018-07-04 05:17:44
End at: 2018-07-04 05:18:14
Local clock offset: -1.876 ms
Remote clock offset: -2.627 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 3.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 3.361 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

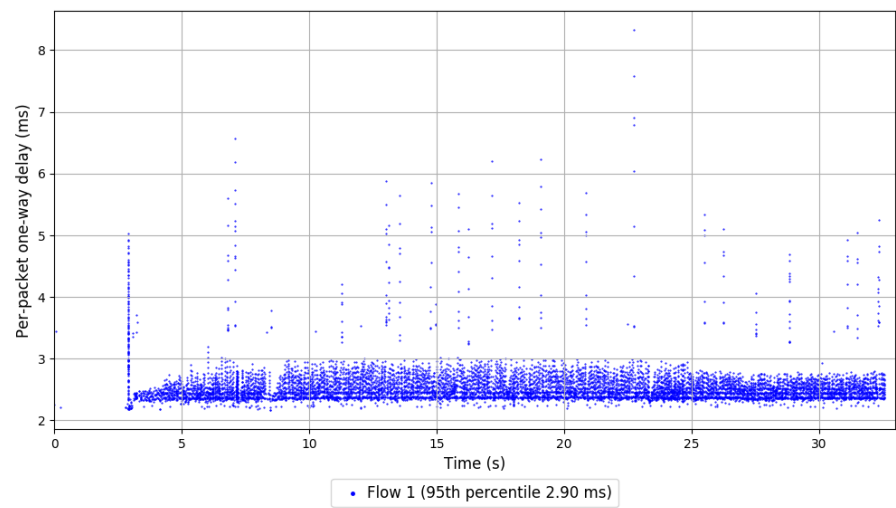
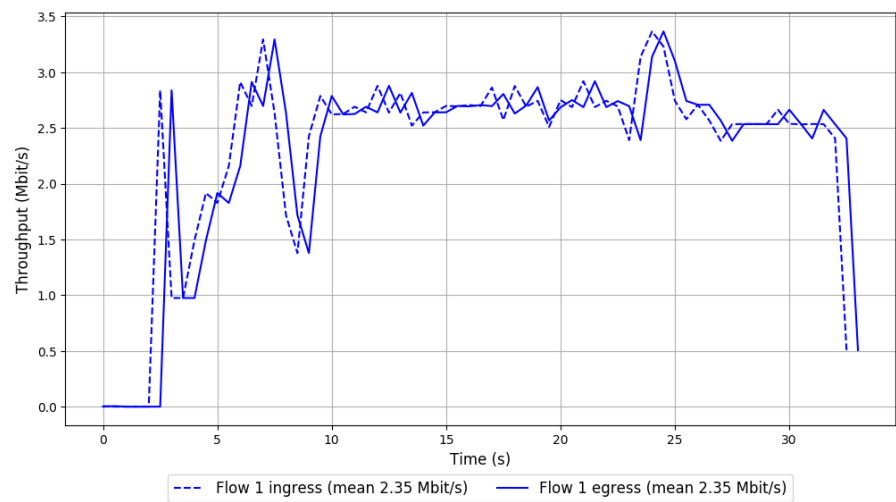


Run 9: Statistics of WebRTC media

Start at: 2018-07-04 05:36:42
End at: 2018-07-04 05:37:12
Local clock offset: -2.076 ms
Remote clock offset: -2.301 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-04 05:55:41
End at: 2018-07-04 05:56:11
Local clock offset: -2.42 ms
Remote clock offset: -2.053 ms

Below is generated by plot.py at 2018-07-04 06:25:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.132 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

