

Pantheon Report

Generated at 2018-05-24 06:46:36 (UTC).

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

Repeated the test of 16 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

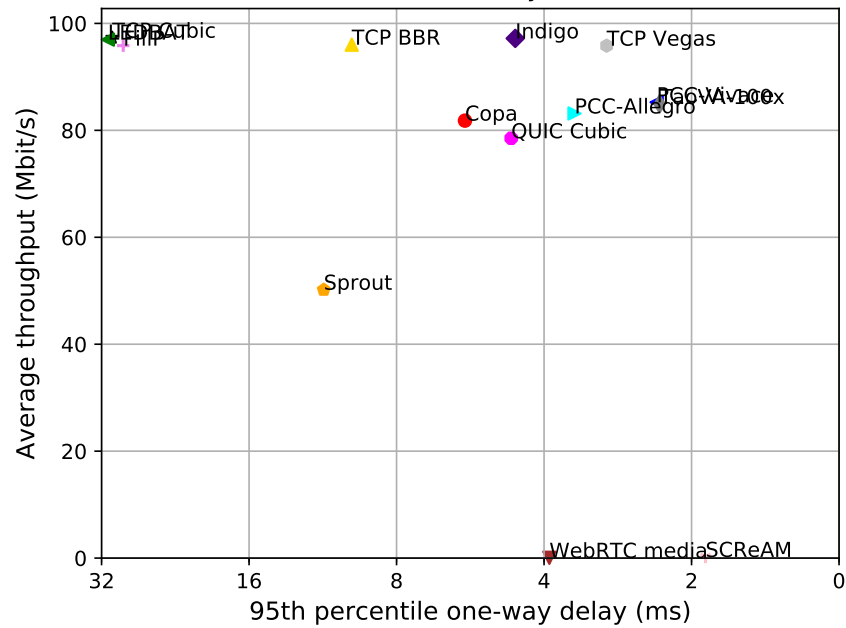
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

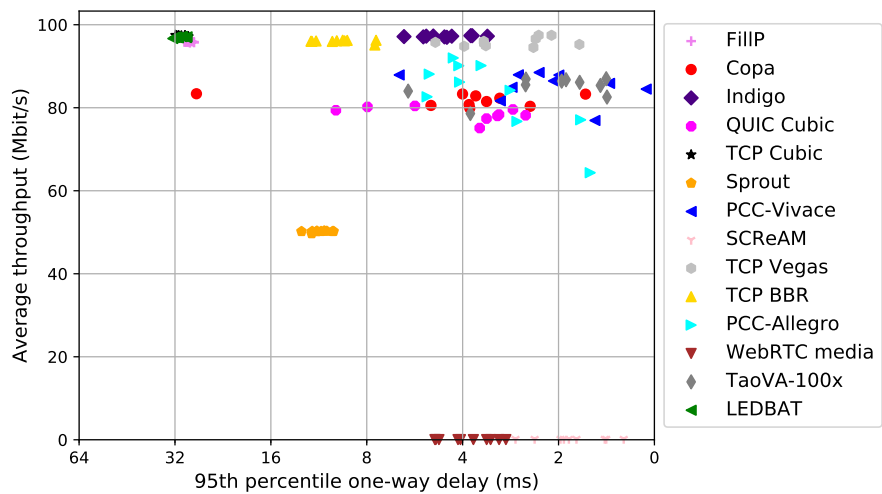
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ 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-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.02	9.88	0.00
Copa	10	81.82	5.80	0.00
TCP Cubic	10	97.32	30.44	0.02
FillP	10	95.84	28.90	4.34
Indigo	10	97.20	4.58	0.00
LEDBAT	10	96.97	31.08	0.02
PCC-Allegro	10	83.15	3.47	0.00
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	9	78.52	4.67	0.24
SCReAM	10	0.22	1.81	0.00
Sprout	10	50.18	11.27	0.01
TaoVA-100x	10	84.92	2.32	0.00
TCP Vegas	10	95.83	2.98	0.00
Verus	0	N/A	N/A	N/A
PCC-Vivace	10	85.25	2.36	0.02
WebRTC media	10	0.05	3.90	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-05-24 03:39:04

End at: 2018-05-24 03:39:34

Local clock offset: -5.315 ms

Remote clock offset: -5.186 ms

Below is generated by plot.py at 2018-05-24 06:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 7.546 ms

Loss rate: 0.00%

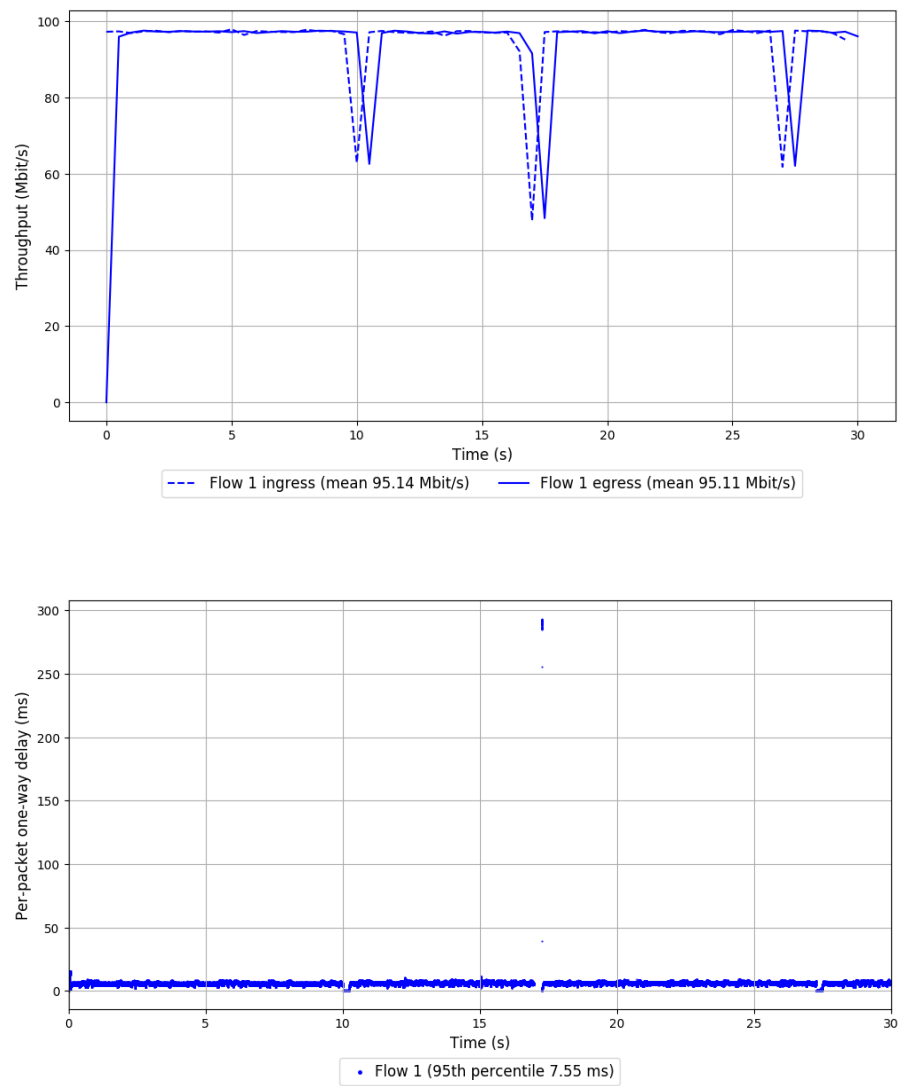
-- Flow 1:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 7.546 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-05-24 03:56:49

End at: 2018-05-24 03:57:19

Local clock offset: -5.4 ms

Remote clock offset: -7.62 ms

Below is generated by plot.py at 2018-05-24 06:28:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 10.260 ms

Loss rate: 0.01%

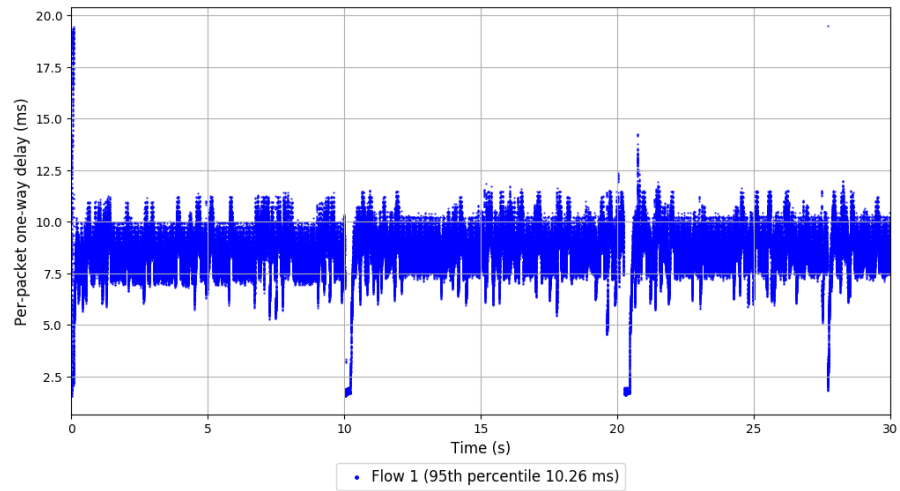
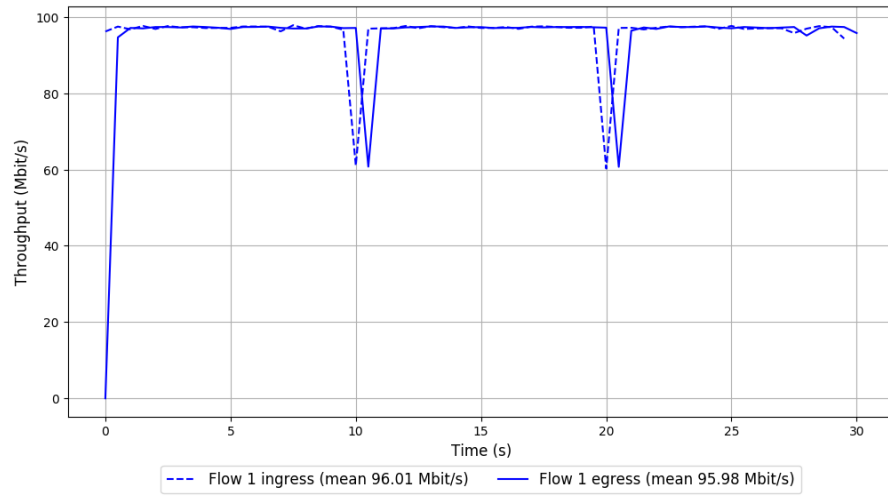
-- Flow 1:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 10.260 ms

Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-05-24 04:14:32

End at: 2018-05-24 04:15:02

Local clock offset: -7.102 ms

Remote clock offset: 7.126 ms

Below is generated by plot.py at 2018-05-24 06:28:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 11.539 ms

Loss rate: 0.01%

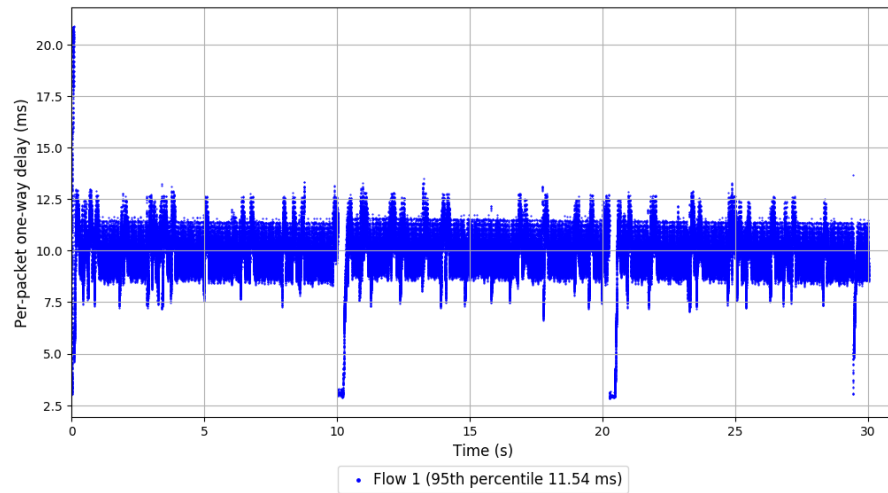
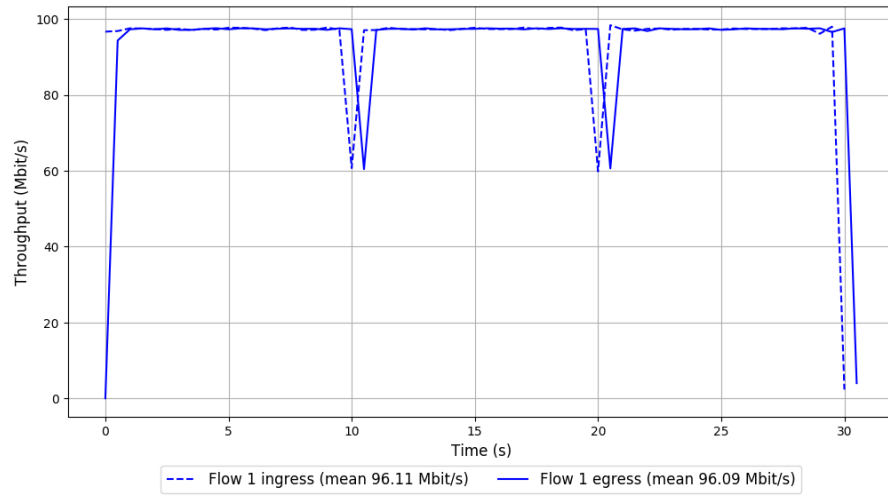
-- Flow 1:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 11.539 ms

Loss rate: 0.01%

Run 3: Report of TCP BBR — Data Link

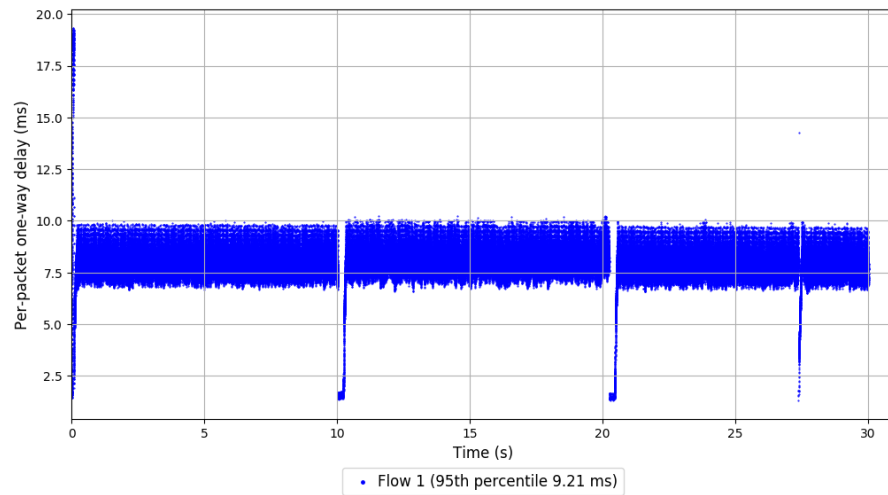
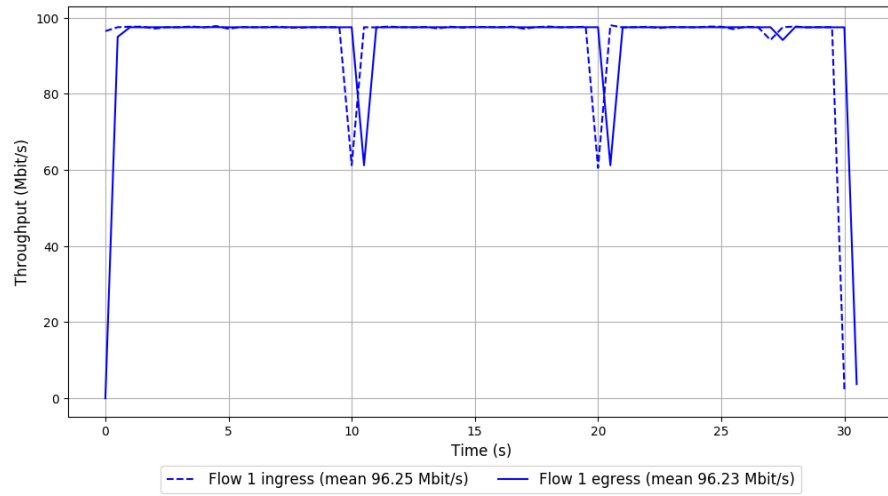


Run 4: Statistics of TCP BBR

Start at: 2018-05-24 04:32:16
End at: 2018-05-24 04:32:46
Local clock offset: -5.205 ms
Remote clock offset: 15.981 ms

Below is generated by plot.py at 2018-05-24 06:28:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 9.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 9.215 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-05-24 04:50:00

End at: 2018-05-24 04:50:30

Local clock offset: -5.67 ms

Remote clock offset: 21.785 ms

Below is generated by plot.py at 2018-05-24 06:28:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 7.480 ms

Loss rate: 0.00%

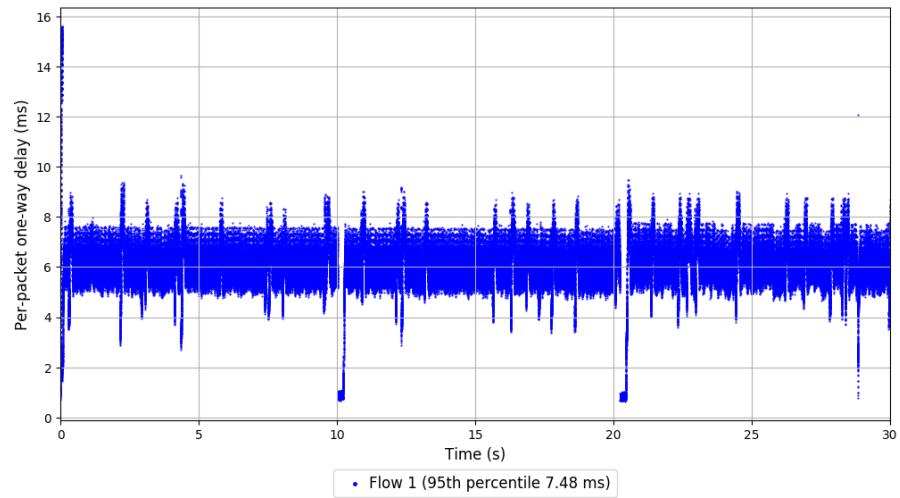
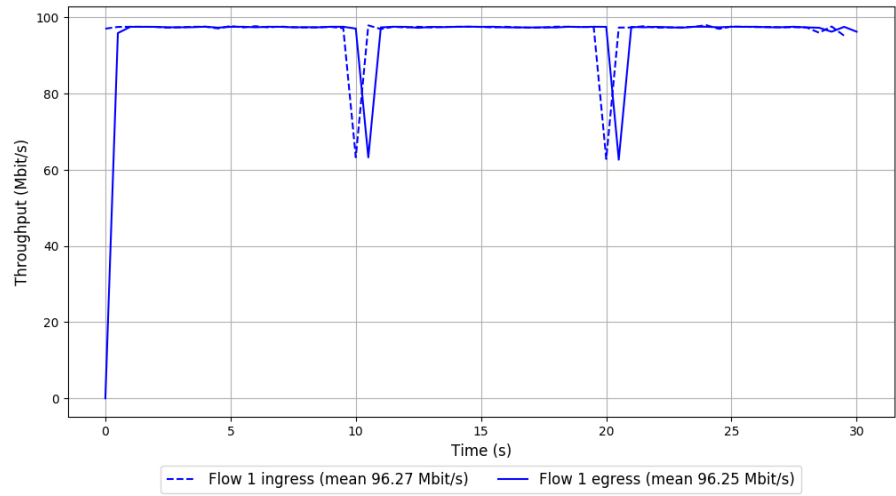
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 7.480 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-05-24 05:07:44

End at: 2018-05-24 05:08:14

Local clock offset: -5.167 ms

Remote clock offset: 27.336 ms

Below is generated by plot.py at 2018-05-24 06:28:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 9.936 ms

Loss rate: 0.00%

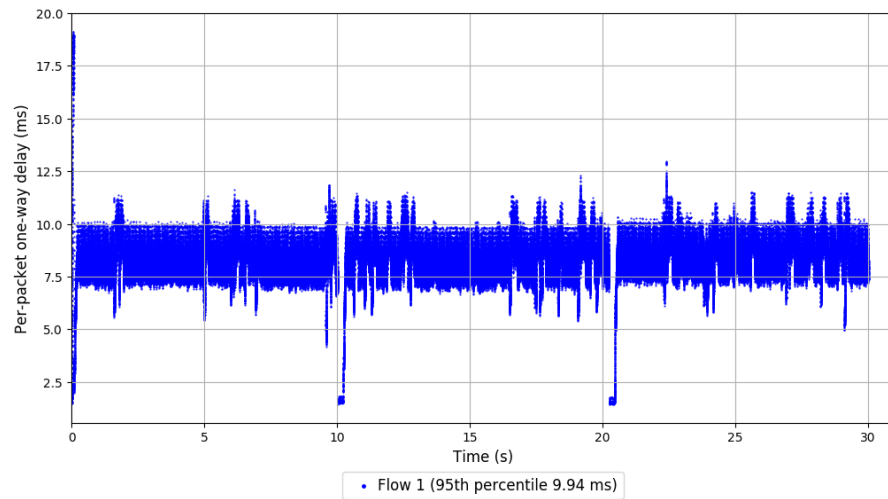
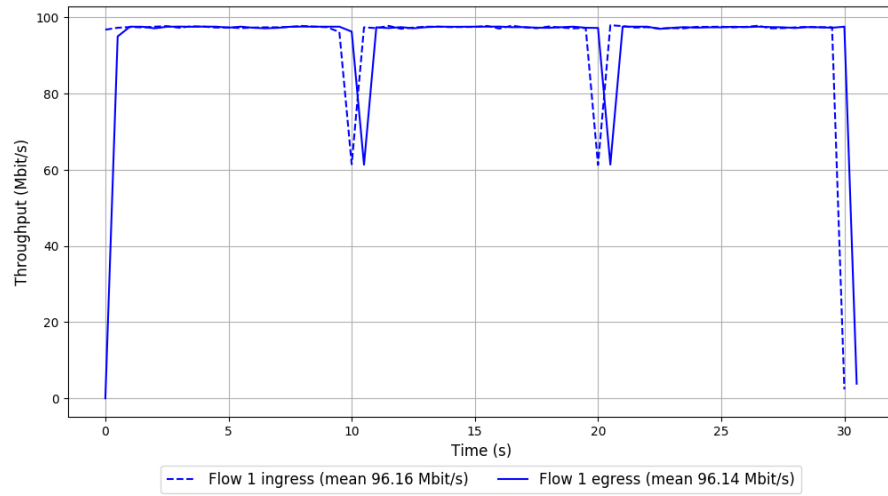
-- Flow 1:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 9.936 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

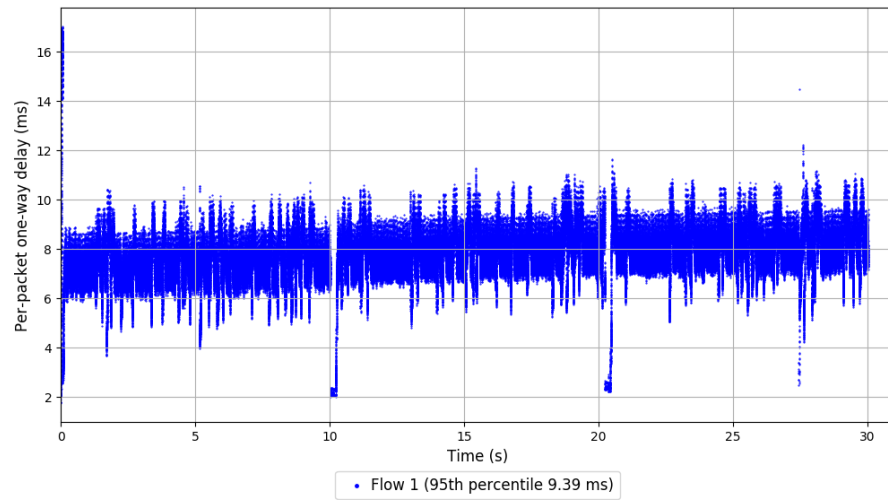
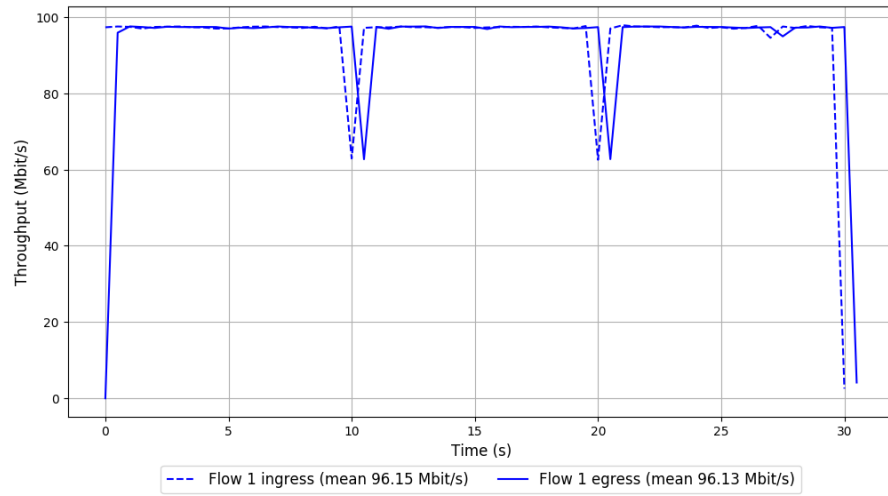


Run 7: Statistics of TCP BBR

Start at: 2018-05-24 05:25:27
End at: 2018-05-24 05:25:57
Local clock offset: -6.812 ms
Remote clock offset: -0.495 ms

Below is generated by plot.py at 2018-05-24 06:28:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 9.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 9.392 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

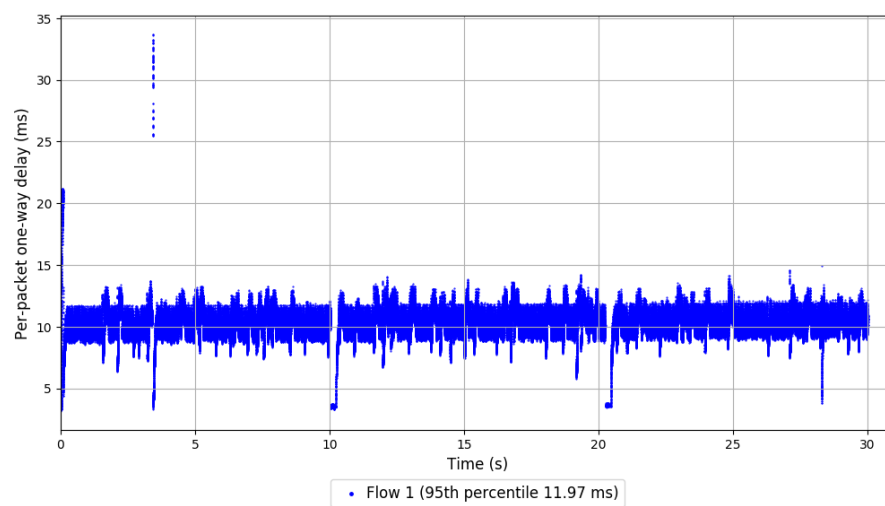
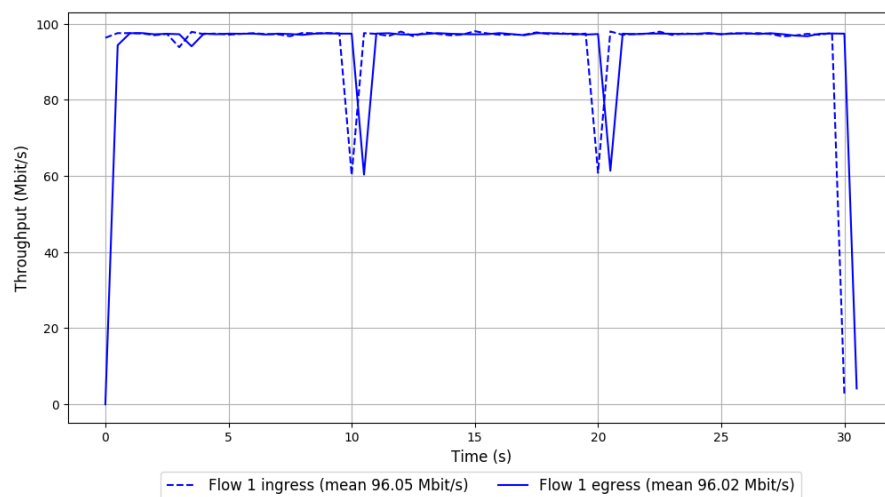


Run 8: Statistics of TCP BBR

Start at: 2018-05-24 05:43:12
End at: 2018-05-24 05:43:42
Local clock offset: -1.795 ms
Remote clock offset: -10.42 ms

Below is generated by plot.py at 2018-05-24 06:28:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 11.972 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 11.972 ms
Loss rate: 0.01%

Run 8: Report of TCP BBR — Data Link

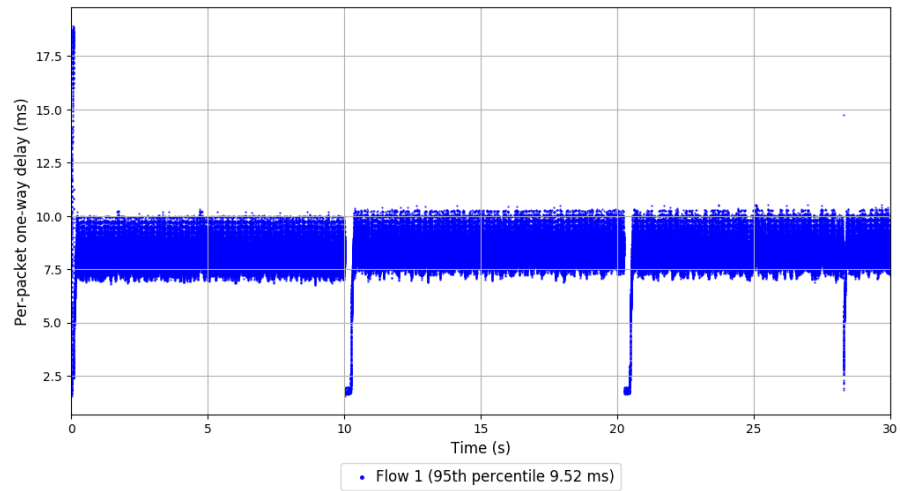
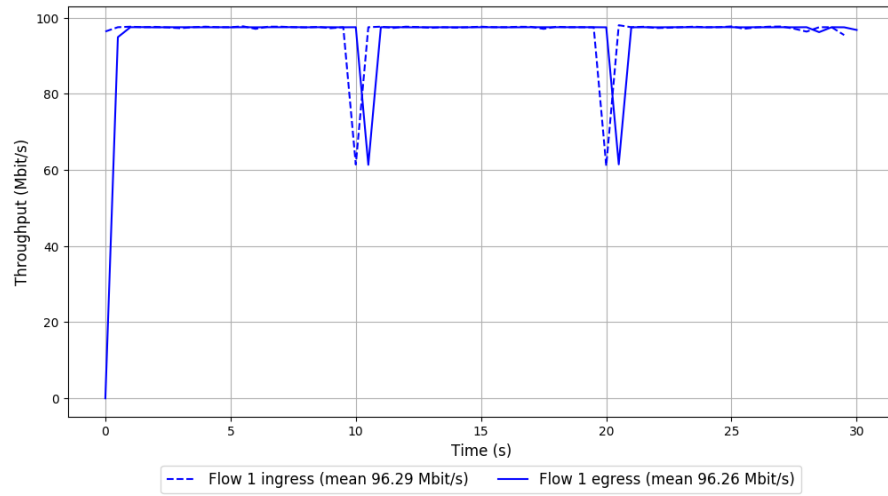


Run 9: Statistics of TCP BBR

Start at: 2018-05-24 06:00:55
End at: 2018-05-24 06:01:25
Local clock offset: 1.488 ms
Remote clock offset: -10.676 ms

Below is generated by plot.py at 2018-05-24 06:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.522 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

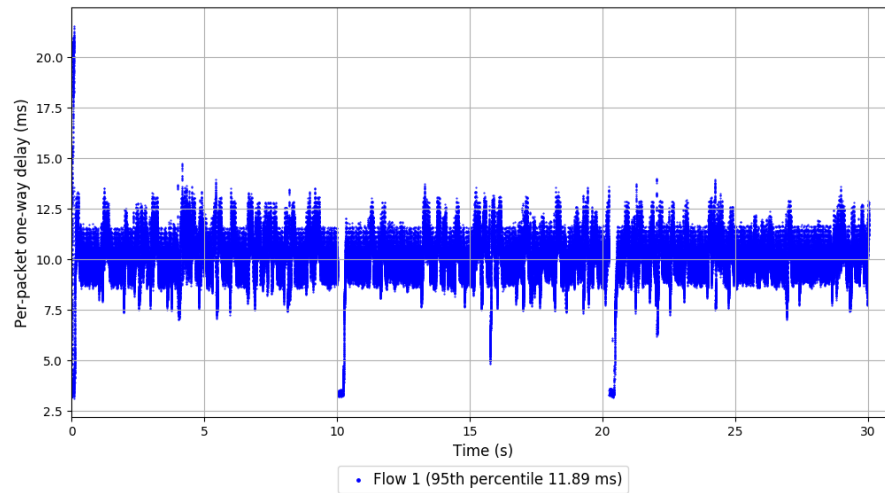
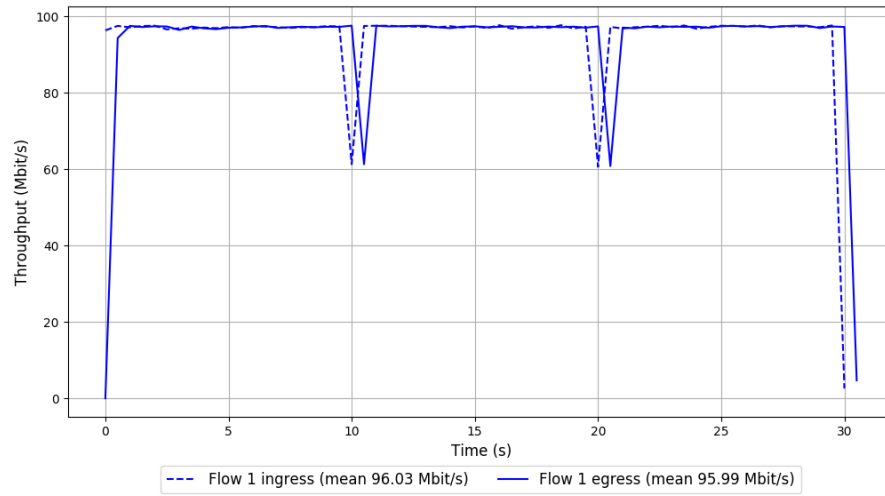


Run 10: Statistics of TCP BBR

Start at: 2018-05-24 06:18:38
End at: 2018-05-24 06:19:08
Local clock offset: 1.214 ms
Remote clock offset: -13.611 ms

Below is generated by plot.py at 2018-05-24 06:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 11.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 11.893 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

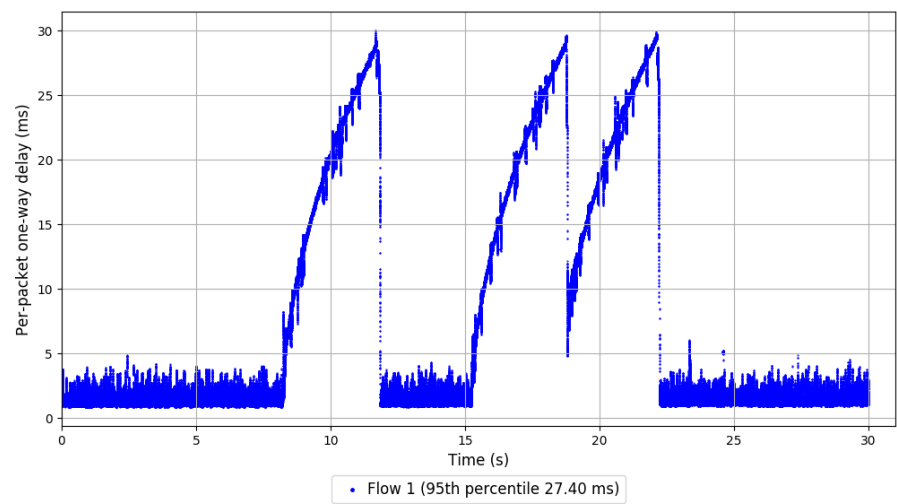
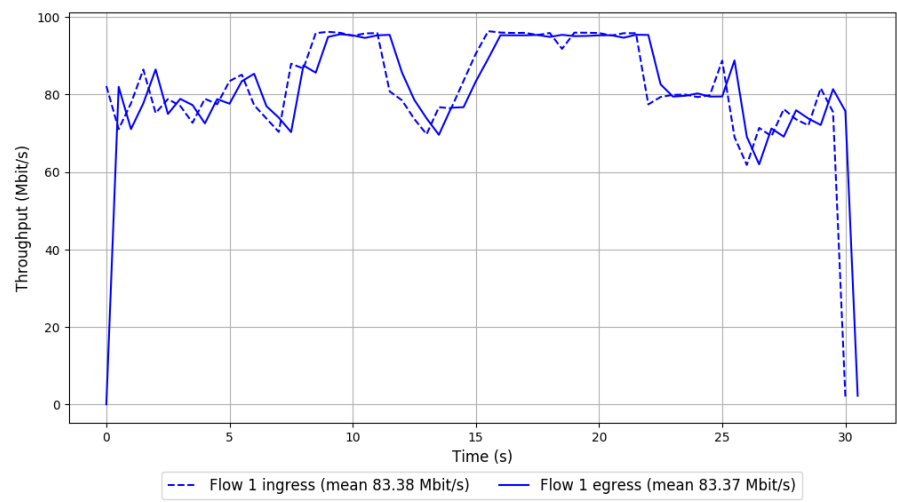


Run 1: Statistics of Copa

Start at: 2018-05-24 03:42:26
End at: 2018-05-24 03:42:56
Local clock offset: -6.086 ms
Remote clock offset: -5.972 ms

Below is generated by plot.py at 2018-05-24 06:30:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.37 Mbit/s
95th percentile per-packet one-way delay: 27.401 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.37 Mbit/s
95th percentile per-packet one-way delay: 27.401 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

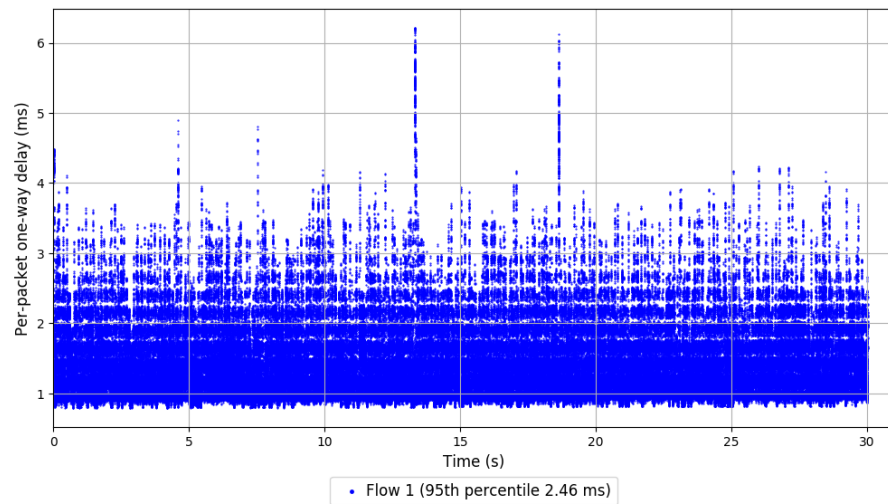
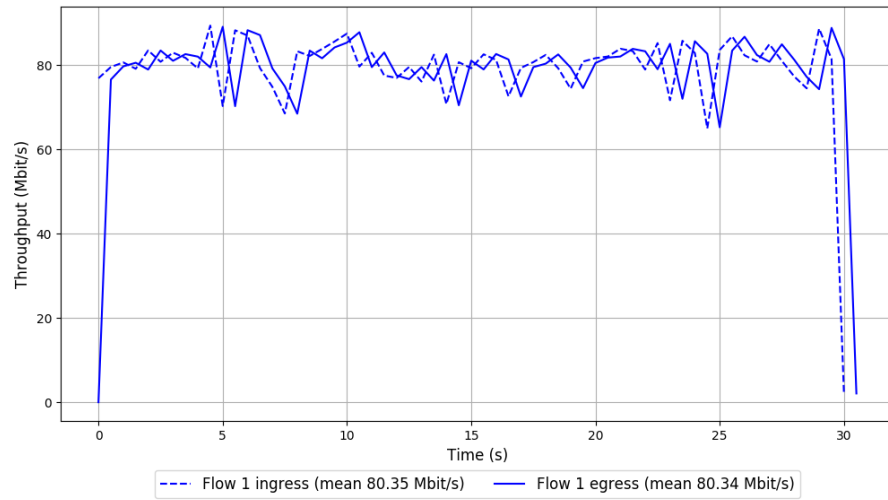


Run 2: Statistics of Copa

Start at: 2018-05-24 04:00:10
End at: 2018-05-24 04:00:40
Local clock offset: -6.213 ms
Remote clock offset: -7.872 ms

Below is generated by plot.py at 2018-05-24 06:30:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 2.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 2.455 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-05-24 04:17:54

End at: 2018-05-24 04:18:24

Local clock offset: -6.268 ms

Remote clock offset: 9.376 ms

Below is generated by plot.py at 2018-05-24 06:30:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.89 Mbit/s

95th percentile per-packet one-way delay: 3.799 ms

Loss rate: 0.00%

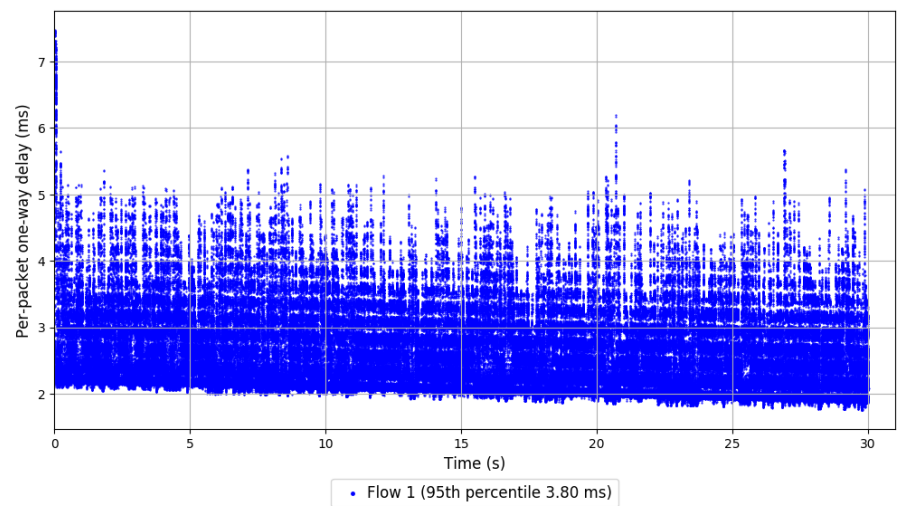
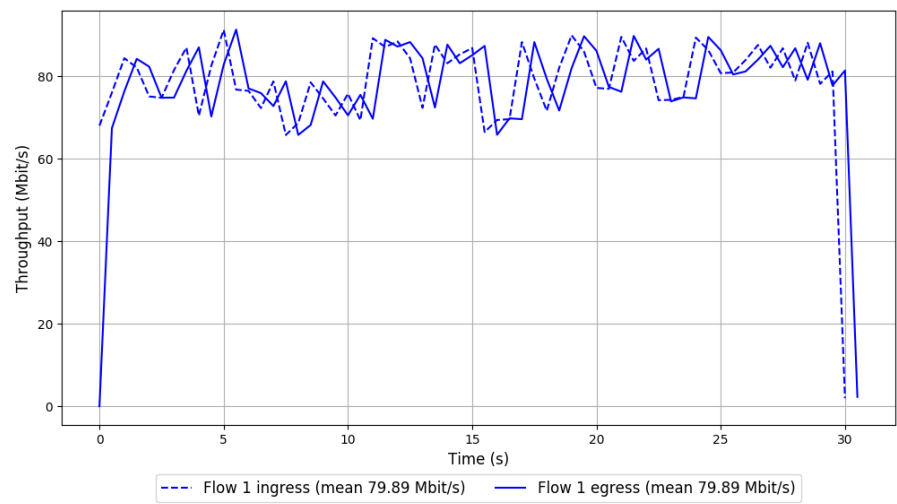
-- Flow 1:

Average throughput: 79.89 Mbit/s

95th percentile per-packet one-way delay: 3.799 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link

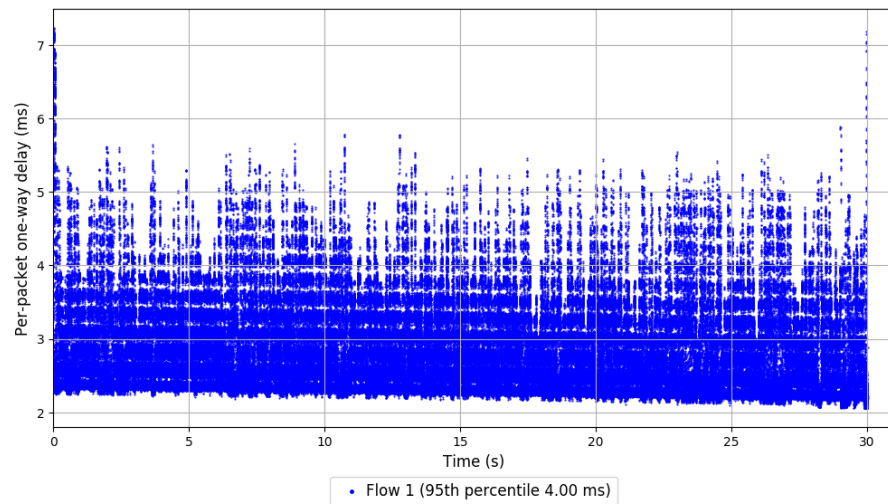
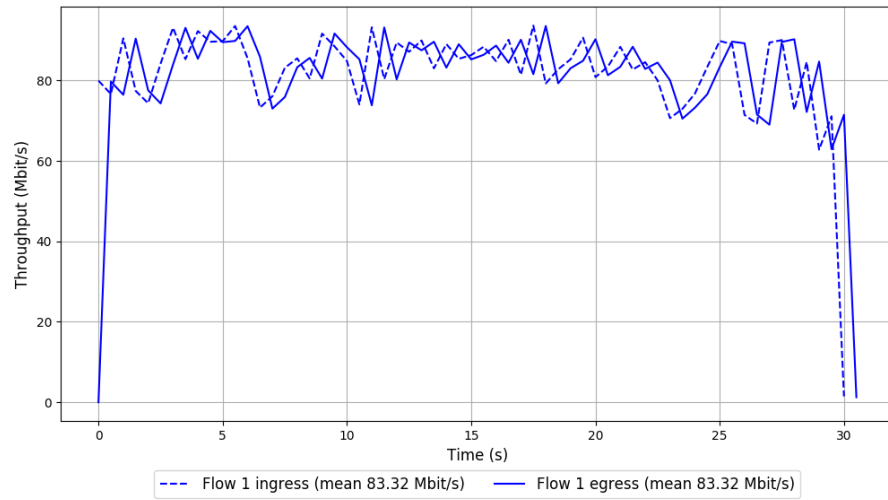


Run 4: Statistics of Copa

Start at: 2018-05-24 04:35:37
End at: 2018-05-24 04:36:07
Local clock offset: -5.868 ms
Remote clock offset: 17.242 ms

Below is generated by plot.py at 2018-05-24 06:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.32 Mbit/s
95th percentile per-packet one-way delay: 4.003 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.32 Mbit/s
95th percentile per-packet one-way delay: 4.003 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

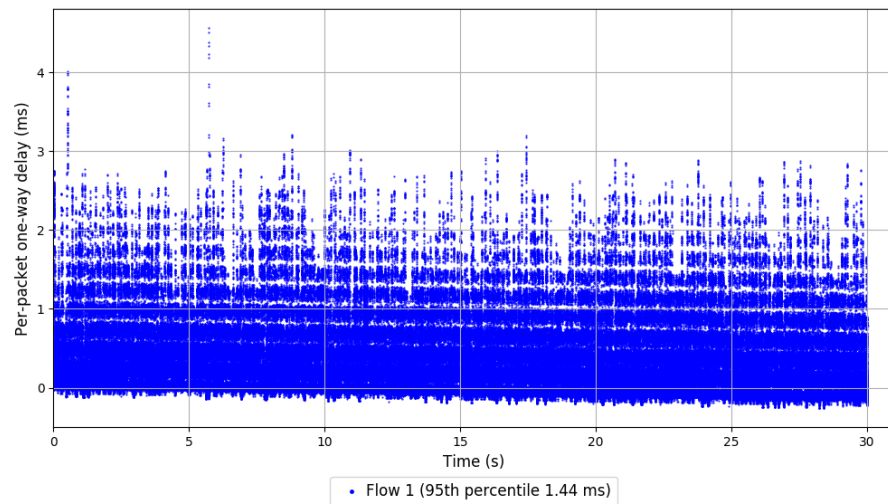
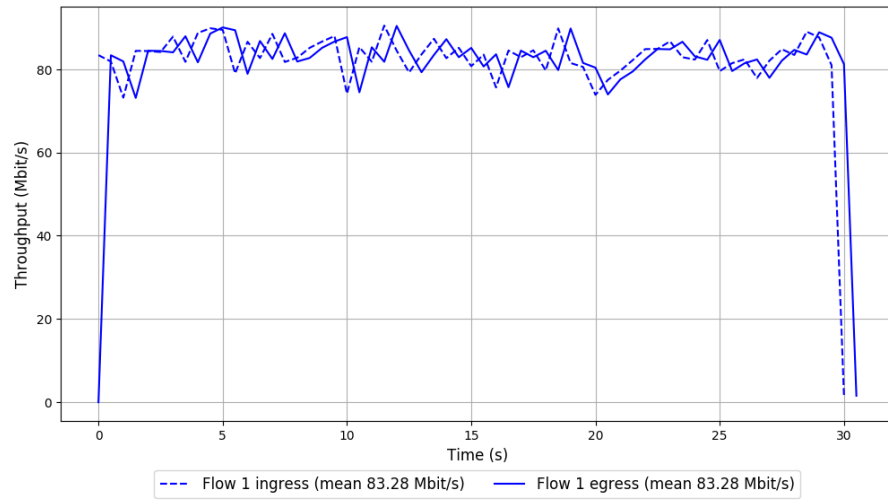


Run 5: Statistics of Copa

Start at: 2018-05-24 04:53:21
End at: 2018-05-24 04:53:51
Local clock offset: -4.89 ms
Remote clock offset: 22.791 ms

Below is generated by plot.py at 2018-05-24 06:30:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 1.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 1.437 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

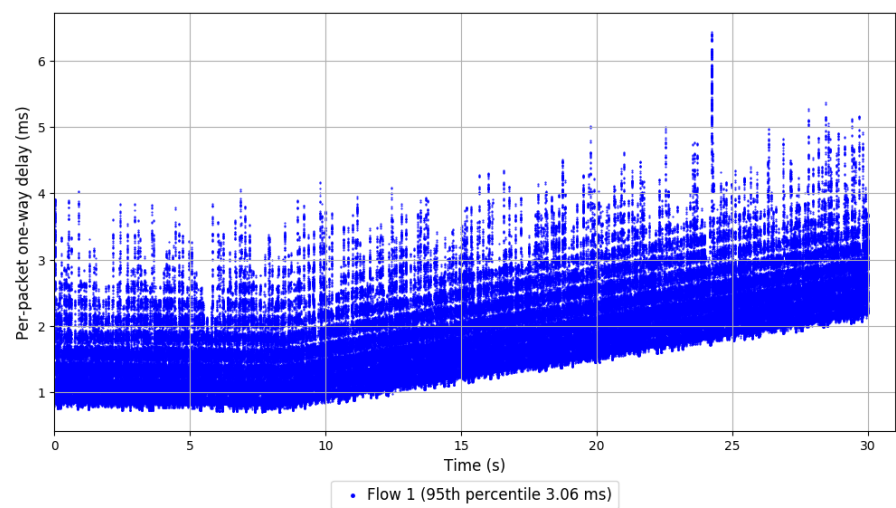
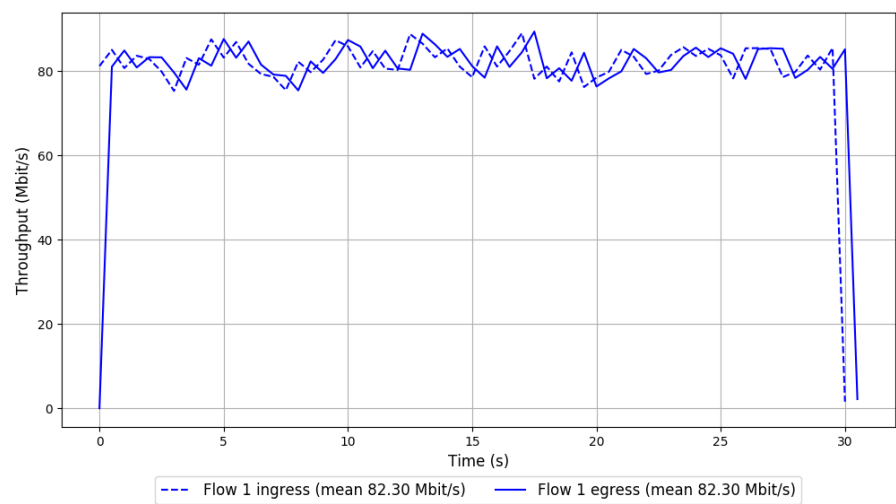


Run 6: Statistics of Copa

Start at: 2018-05-24 05:11:05
End at: 2018-05-24 05:11:35
Local clock offset: -5.961 ms
Remote clock offset: 28.383 ms

Below is generated by plot.py at 2018-05-24 06:30:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 3.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 3.058 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

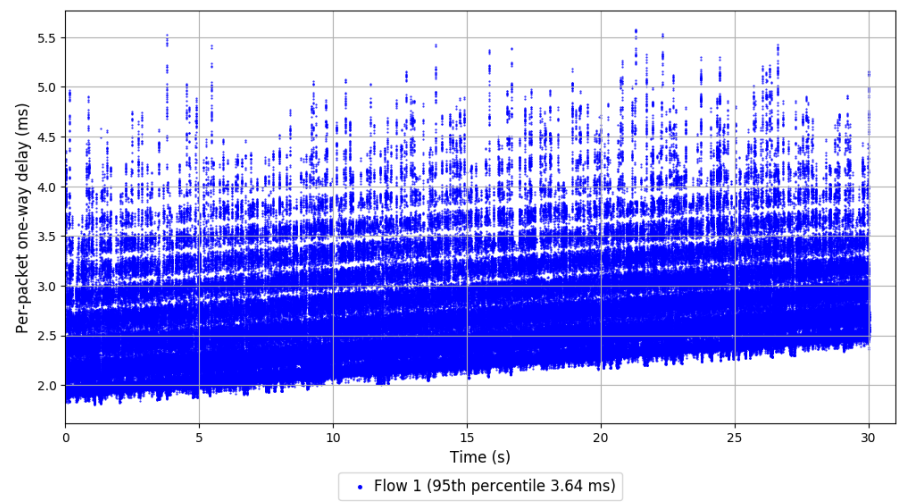
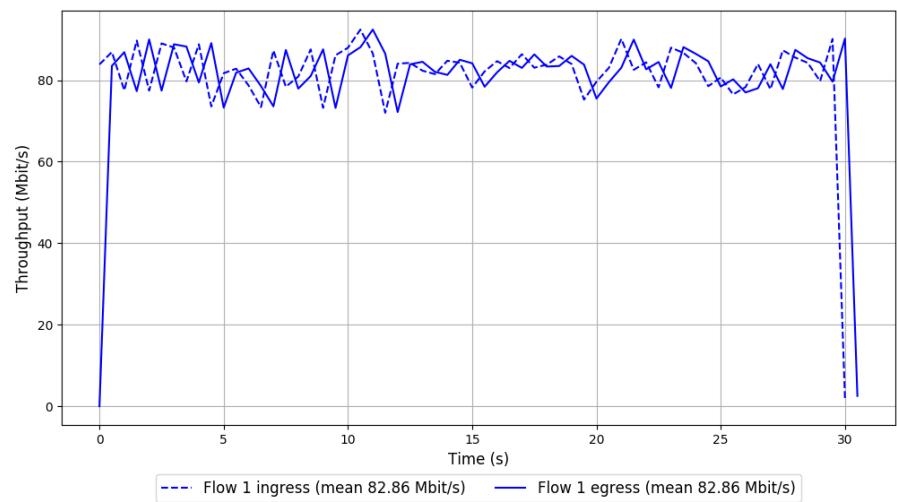


Run 7: Statistics of Copa

Start at: 2018-05-24 05:28:49
End at: 2018-05-24 05:29:19
Local clock offset: -5.317 ms
Remote clock offset: -3.405 ms

Below is generated by plot.py at 2018-05-24 06:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.86 Mbit/s
95th percentile per-packet one-way delay: 3.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.86 Mbit/s
95th percentile per-packet one-way delay: 3.639 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

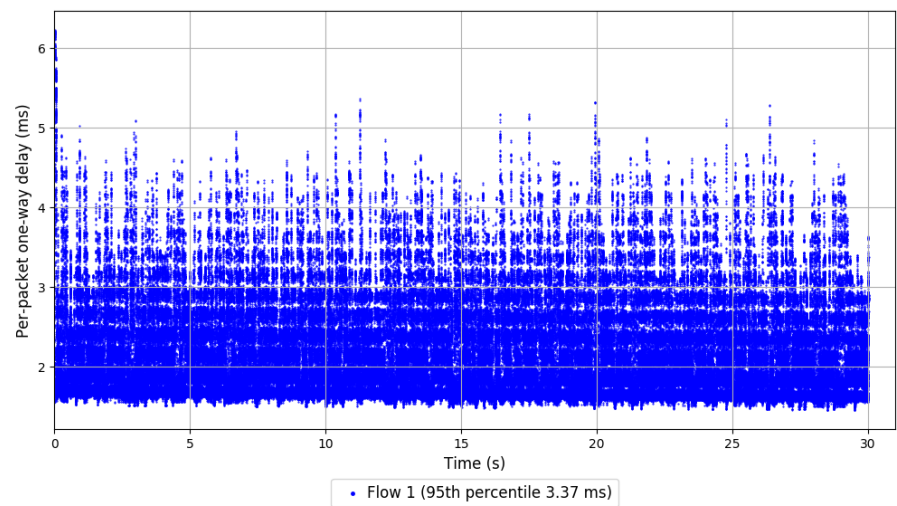
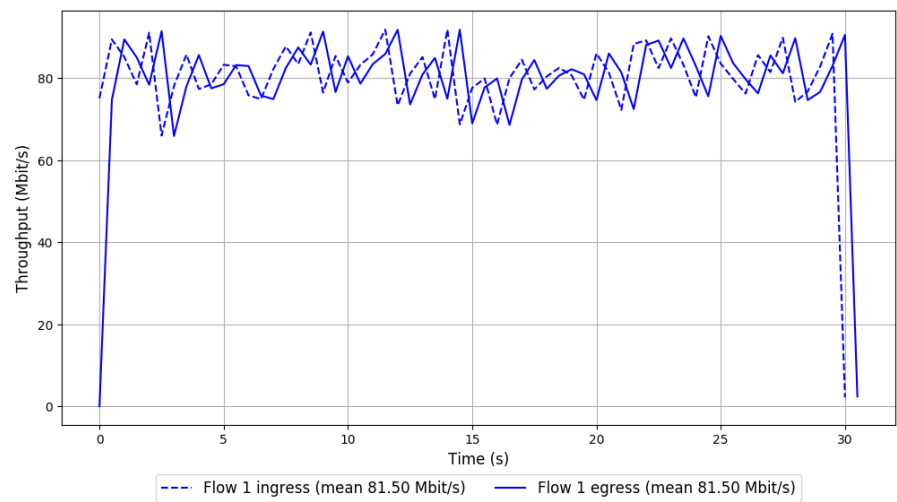


Run 8: Statistics of Copa

Start at: 2018-05-24 05:46:33
End at: 2018-05-24 05:47:03
Local clock offset: 0.222 ms
Remote clock offset: -10.914 ms

Below is generated by plot.py at 2018-05-24 06:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 3.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.50 Mbit/s
95th percentile per-packet one-way delay: 3.365 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

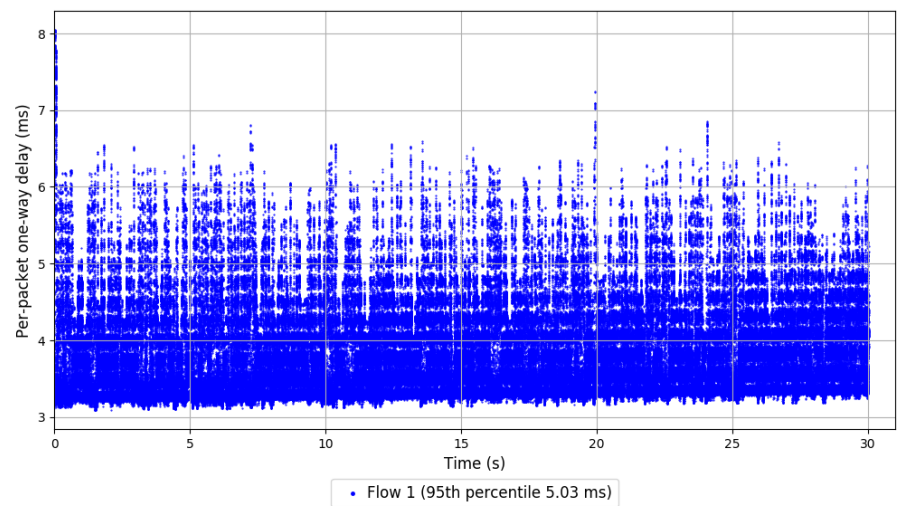
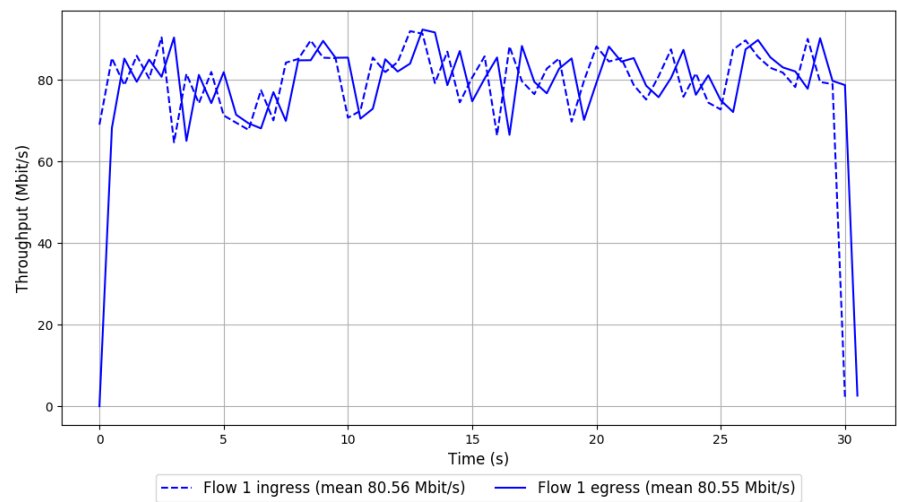


Run 9: Statistics of Copa

Start at: 2018-05-24 06:04:16
End at: 2018-05-24 06:04:46
Local clock offset: 0.211 ms
Remote clock offset: -11.057 ms

Below is generated by plot.py at 2018-05-24 06:32:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 5.030 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 5.030 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

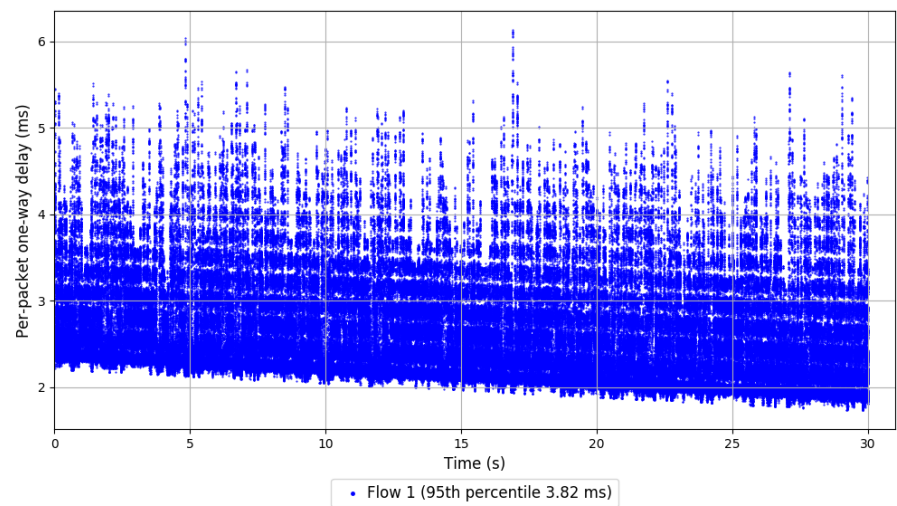
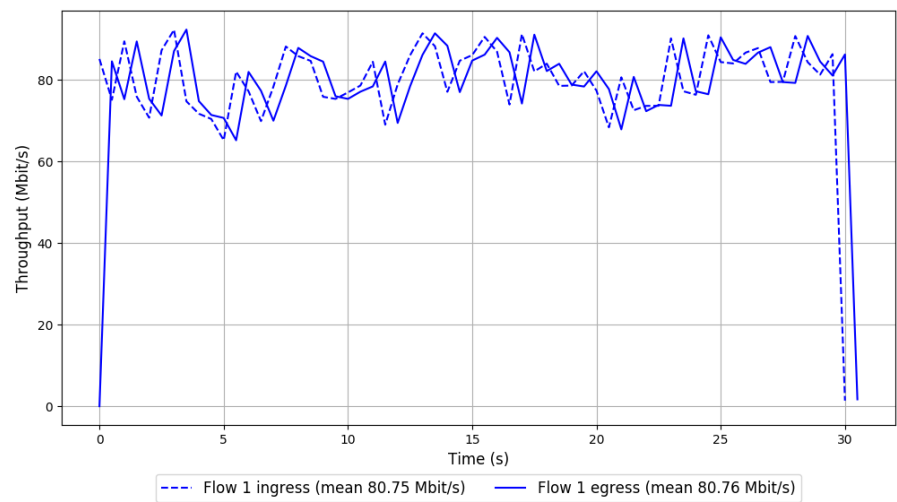


Run 10: Statistics of Copa

Start at: 2018-05-24 06:22:00
End at: 2018-05-24 06:22:30
Local clock offset: 2.199 ms
Remote clock offset: -10.831 ms

Below is generated by plot.py at 2018-05-24 06:32:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.76 Mbit/s
95th percentile per-packet one-way delay: 3.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.76 Mbit/s
95th percentile per-packet one-way delay: 3.819 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-05-24 03:41:19

End at: 2018-05-24 03:41:49

Local clock offset: -6.08 ms

Remote clock offset: -5.79 ms

Below is generated by plot.py at 2018-05-24 06:32:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 29.554 ms

Loss rate: 0.02%

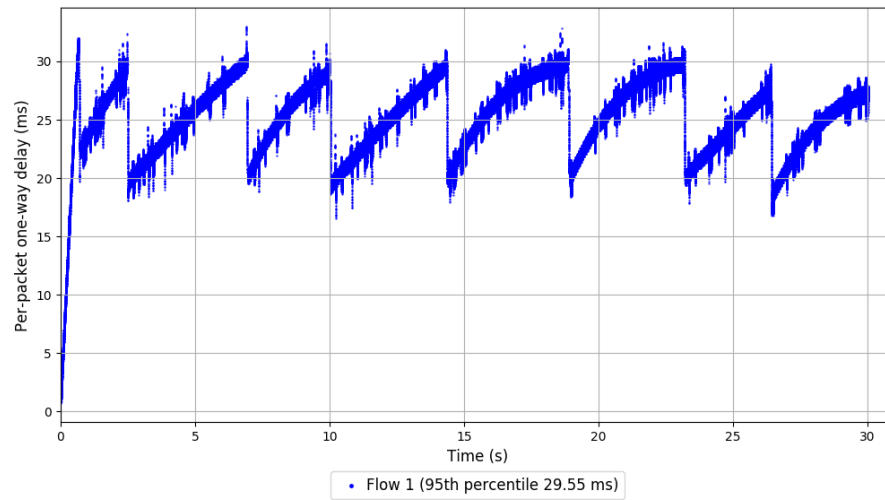
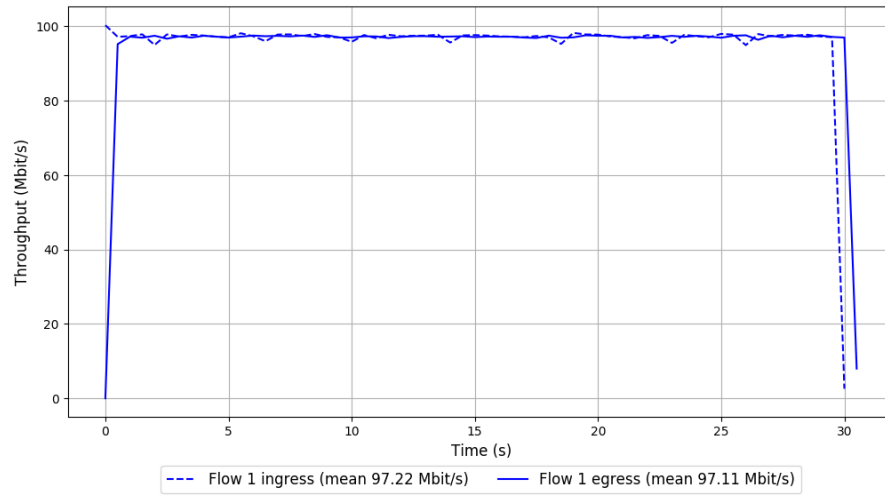
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 29.554 ms

Loss rate: 0.02%

Run 1: Report of TCP Cubic — Data Link

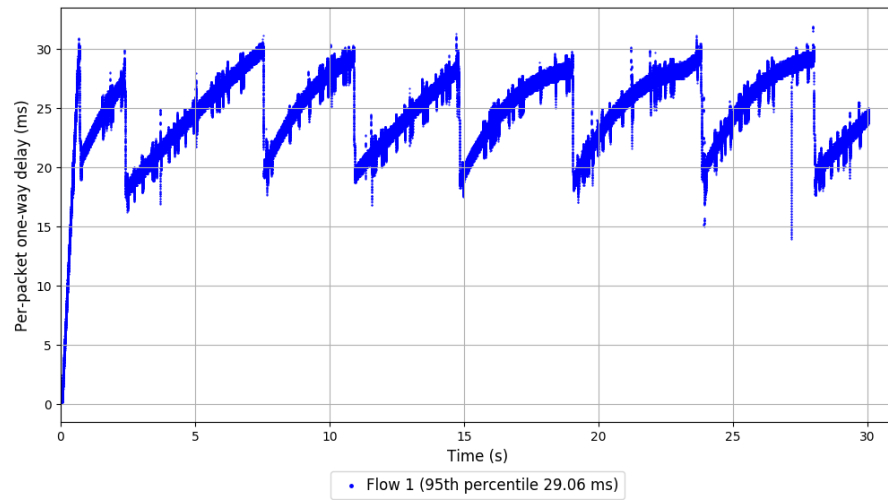
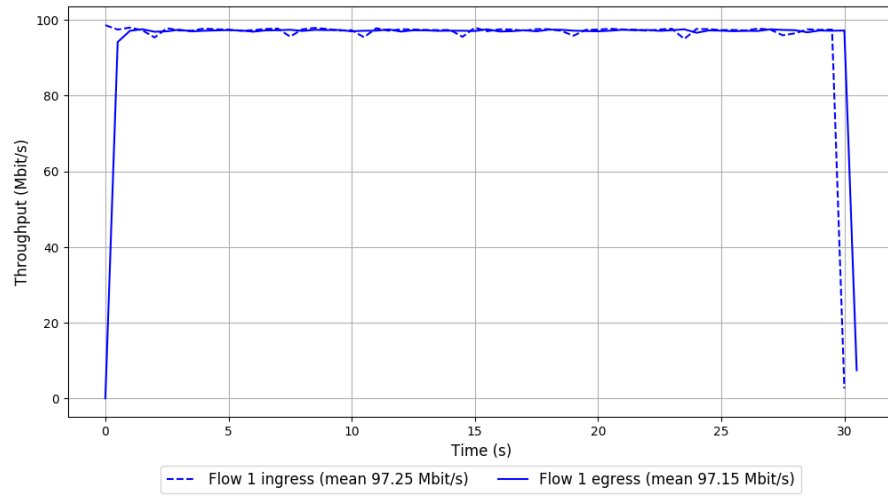


Run 2: Statistics of TCP Cubic

Start at: 2018-05-24 03:59:02
End at: 2018-05-24 03:59:32
Local clock offset: -5.425 ms
Remote clock offset: -7.777 ms

Below is generated by plot.py at 2018-05-24 06:32:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 29.058 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 29.058 ms
Loss rate: 0.02%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-05-24 04:16:46

End at: 2018-05-24 04:17:16

Local clock offset: -5.569 ms

Remote clock offset: 8.684 ms

Below is generated by plot.py at 2018-05-24 06:32:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 30.552 ms

Loss rate: 0.03%

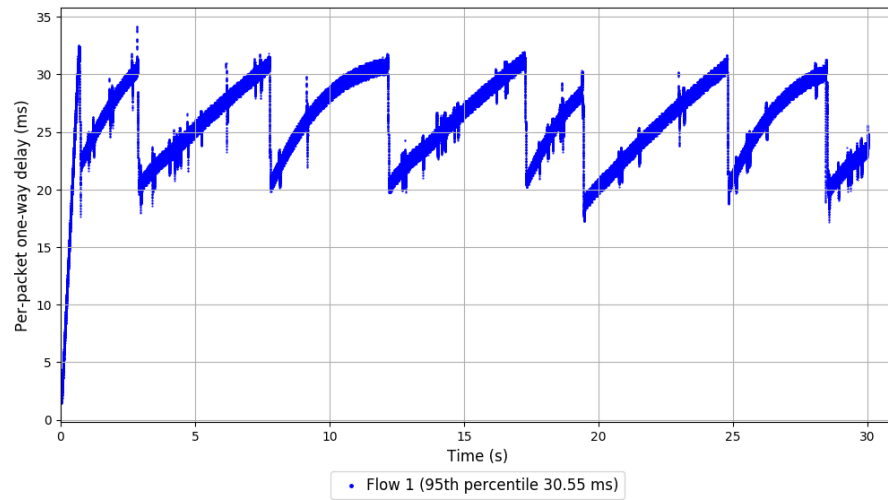
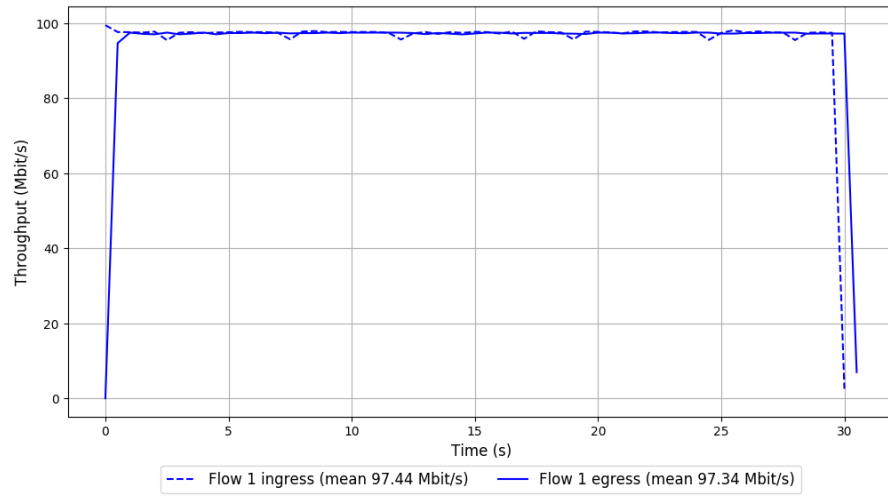
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 30.552 ms

Loss rate: 0.03%

Run 3: Report of TCP Cubic — Data Link

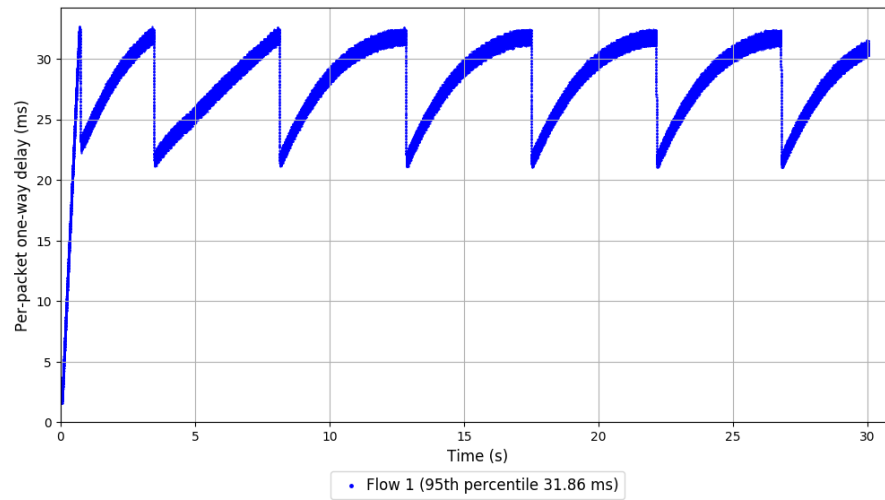
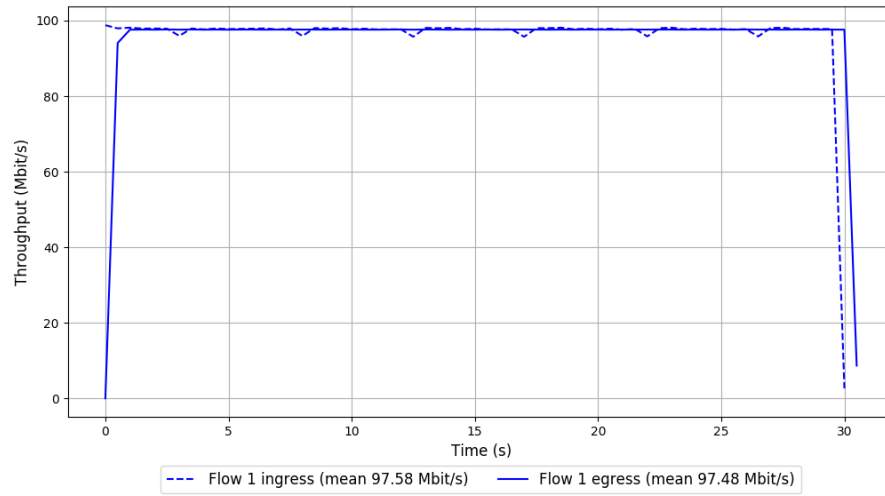


Run 4: Statistics of TCP Cubic

Start at: 2018-05-24 04:34:30
End at: 2018-05-24 04:35:00
Local clock offset: -6.669 ms
Remote clock offset: 16.839 ms

Below is generated by plot.py at 2018-05-24 06:32:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 31.861 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 31.861 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

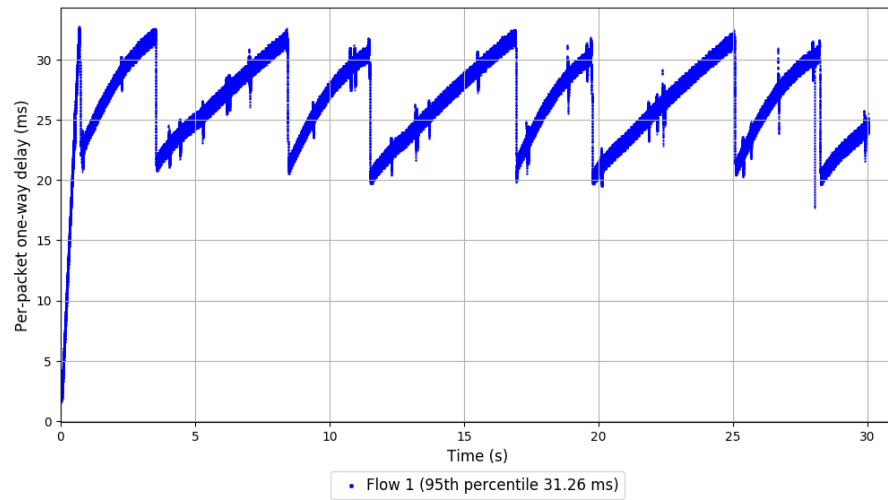
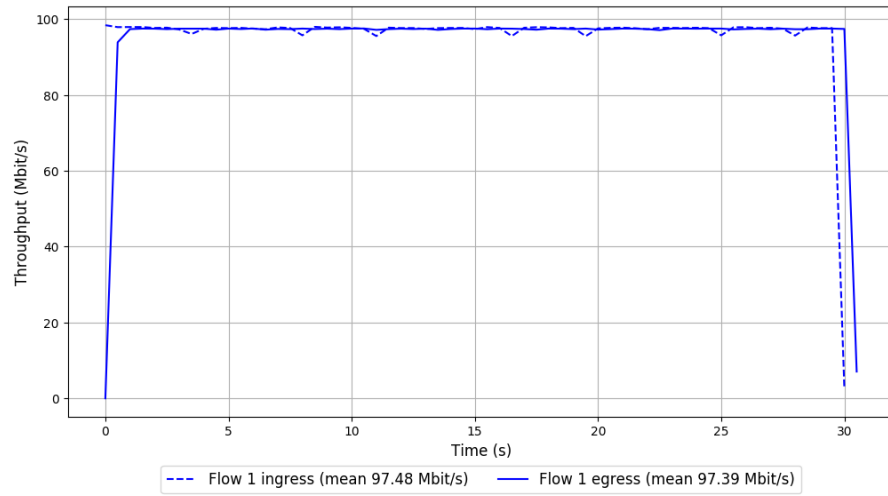


Run 5: Statistics of TCP Cubic

Start at: 2018-05-24 04:52:14
End at: 2018-05-24 04:52:44
Local clock offset: -4.948 ms
Remote clock offset: 22.605 ms

Below is generated by plot.py at 2018-05-24 06:32:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 31.257 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 31.257 ms
Loss rate: 0.02%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-05-24 05:09:58

End at: 2018-05-24 05:10:28

Local clock offset: -5.95 ms

Remote clock offset: 28.01 ms

Below is generated by plot.py at 2018-05-24 06:32:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 29.791 ms

Loss rate: 0.02%

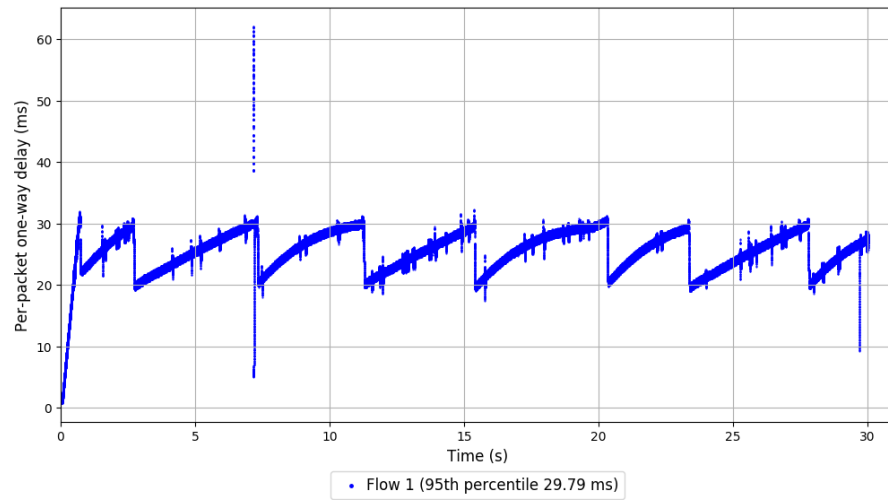
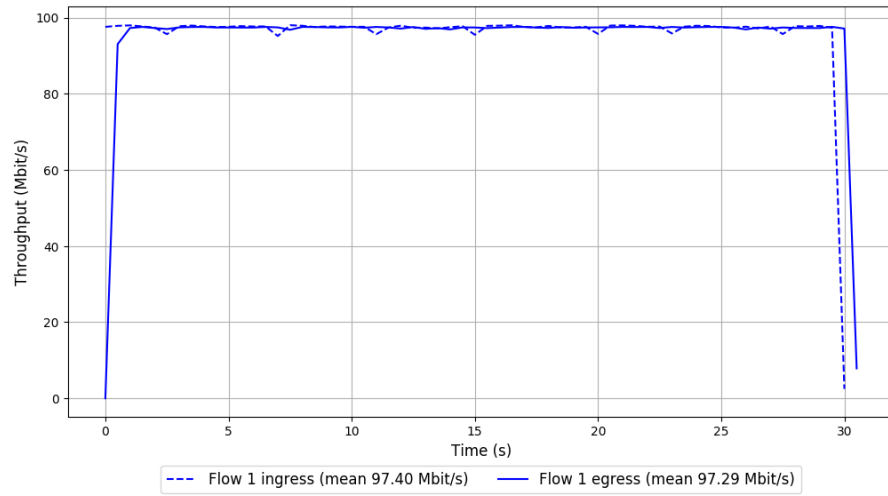
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 29.791 ms

Loss rate: 0.02%

Run 6: Report of TCP Cubic — Data Link

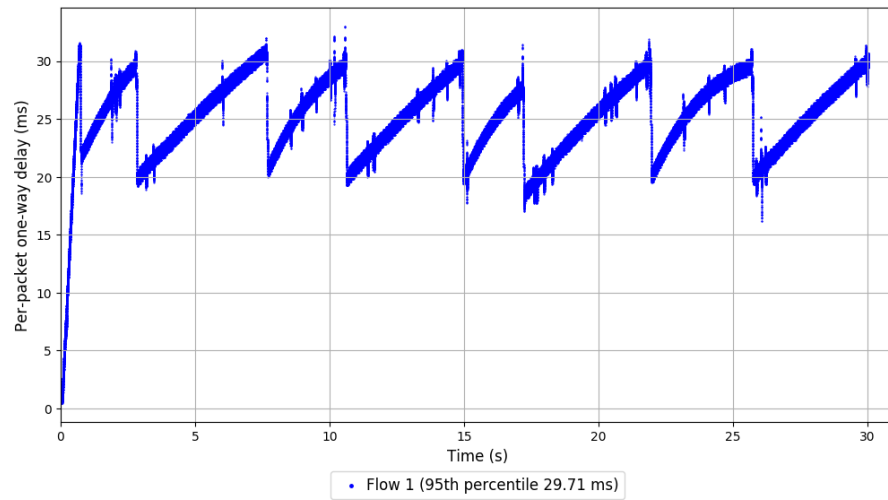
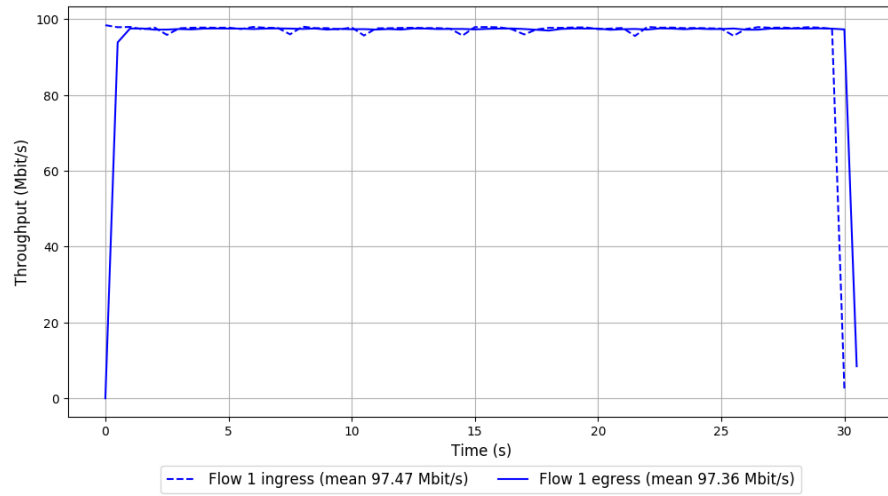


Run 7: Statistics of TCP Cubic

Start at: 2018-05-24 05:27:42
End at: 2018-05-24 05:28:12
Local clock offset: -4.291 ms
Remote clock offset: -2.405 ms

Below is generated by plot.py at 2018-05-24 06:32:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 29.706 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 29.706 ms
Loss rate: 0.02%

Run 7: Report of TCP Cubic — Data Link

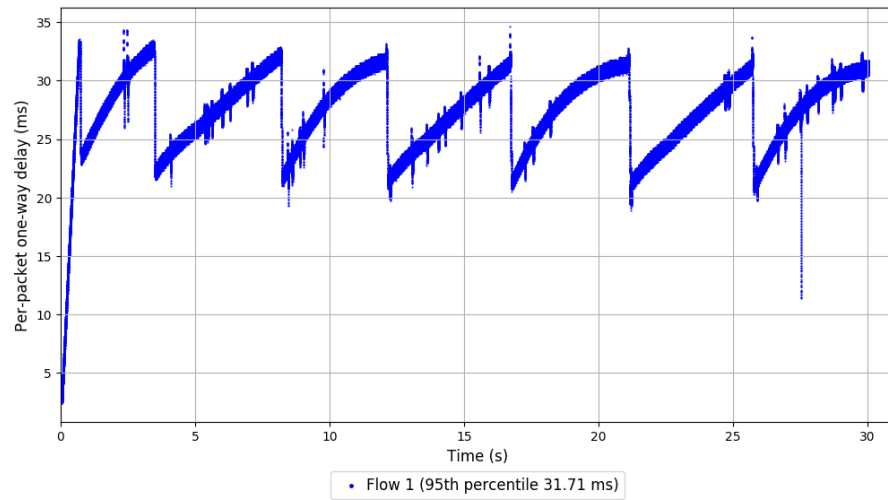
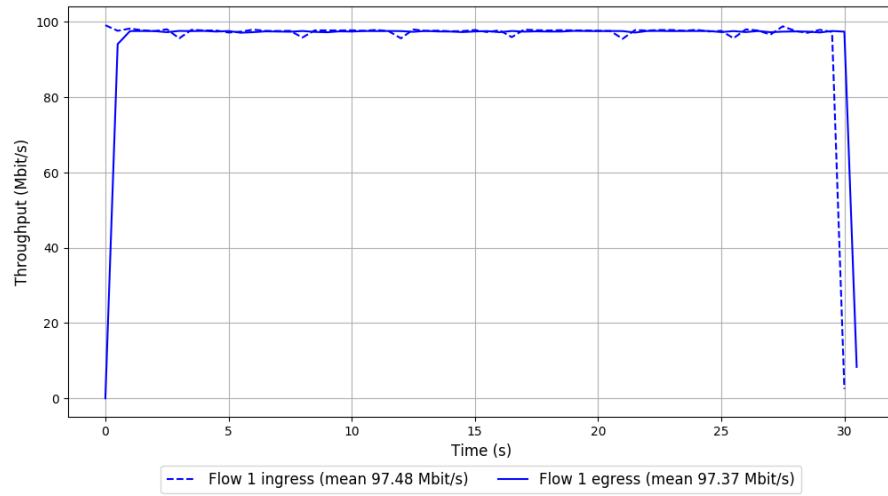


Run 8: Statistics of TCP Cubic

Start at: 2018-05-24 05:45:26
End at: 2018-05-24 05:45:56
Local clock offset: -0.677 ms
Remote clock offset: -11.176 ms

Below is generated by plot.py at 2018-05-24 06:32:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 31.714 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 31.714 ms
Loss rate: 0.02%

Run 8: Report of TCP Cubic — Data Link

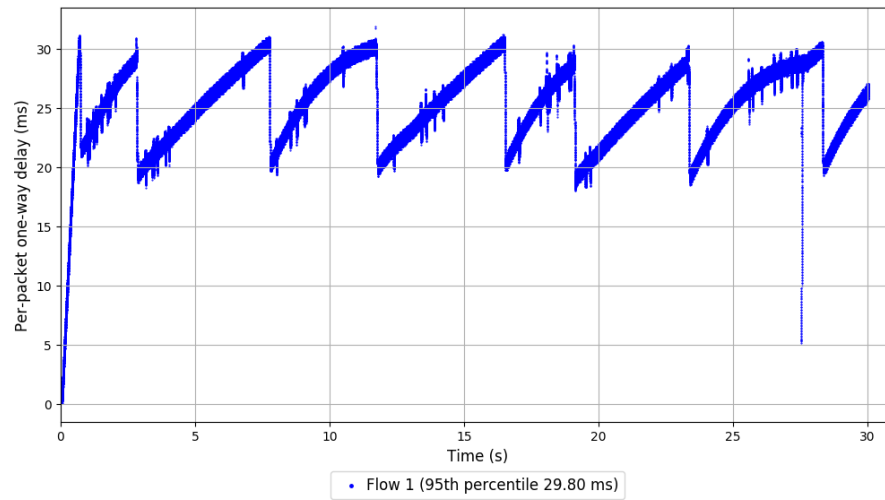
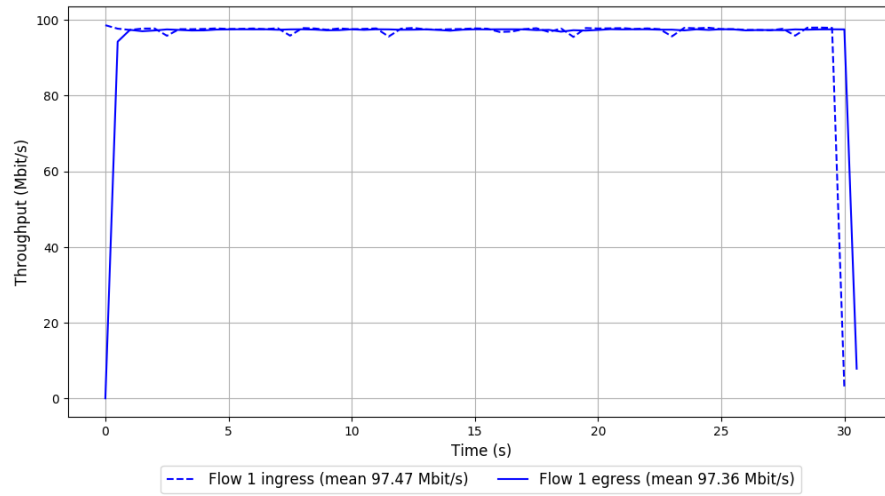


Run 9: Statistics of TCP Cubic

Start at: 2018-05-24 06:03:09
End at: 2018-05-24 06:03:39
Local clock offset: 1.675 ms
Remote clock offset: -10.96 ms

Below is generated by plot.py at 2018-05-24 06:32:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 29.801 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 29.801 ms
Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link

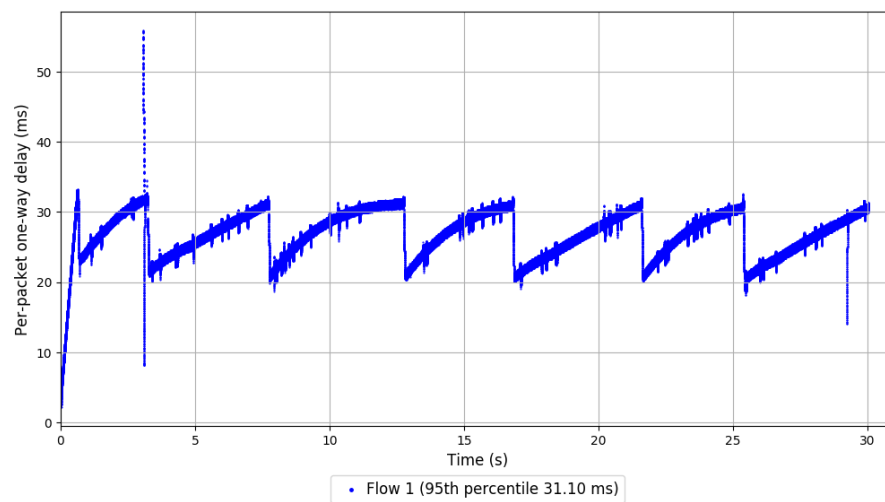
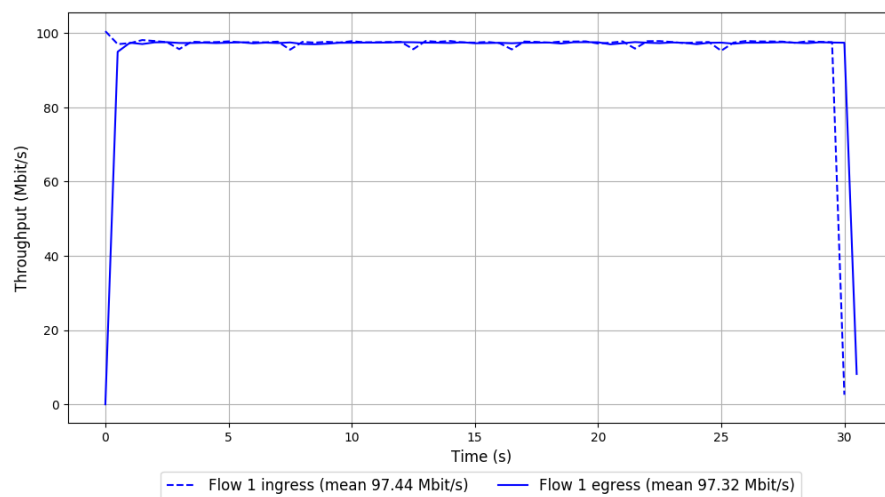


Run 10: Statistics of TCP Cubic

Start at: 2018-05-24 06:20:52
End at: 2018-05-24 06:21:22
Local clock offset: 2.122 ms
Remote clock offset: -12.188 ms

Below is generated by plot.py at 2018-05-24 06:32:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 31.102 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 31.102 ms
Loss rate: 0.03%

Run 10: Report of TCP Cubic — Data Link

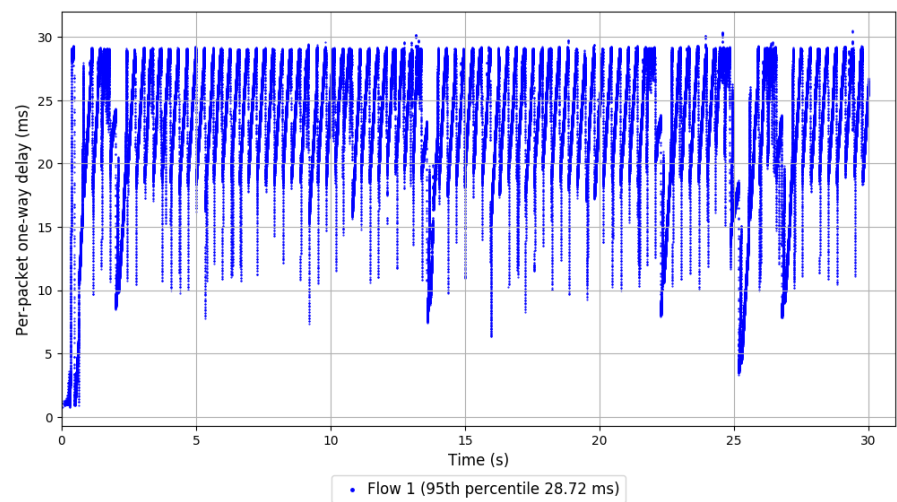
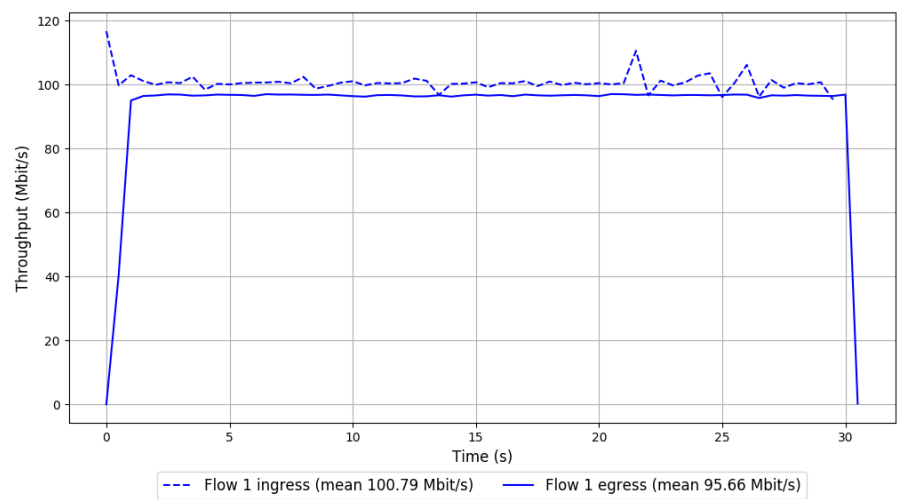


Run 1: Statistics of FillP

Start at: 2018-05-24 03:40:12
End at: 2018-05-24 03:40:42
Local clock offset: -6.149 ms
Remote clock offset: -5.517 ms

Below is generated by plot.py at 2018-05-24 06:33:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 28.723 ms
Loss rate: 5.01%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 28.723 ms
Loss rate: 5.01%

Run 1: Report of FillP — Data Link

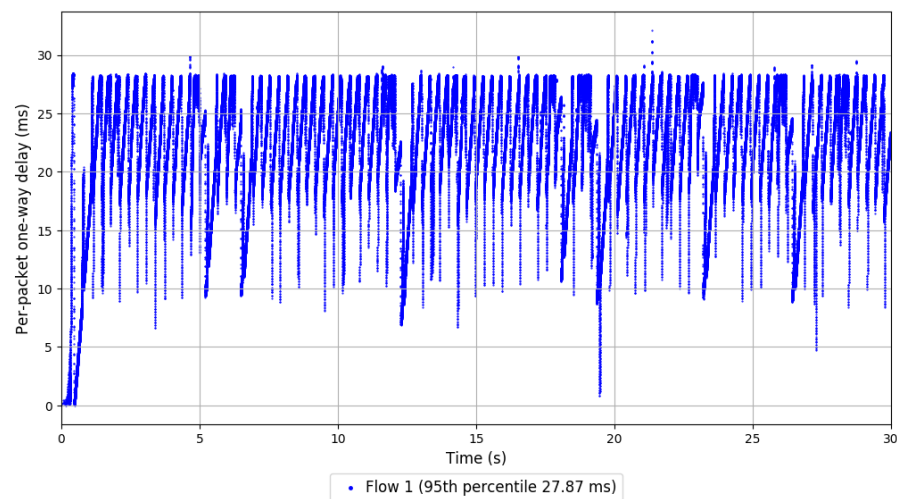
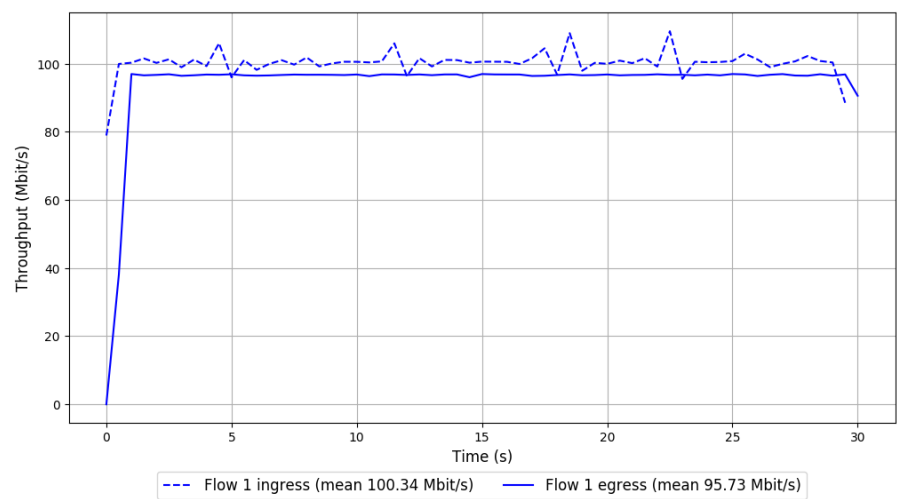


Run 2: Statistics of FillP

Start at: 2018-05-24 03:57:56
End at: 2018-05-24 03:58:26
Local clock offset: -5.413 ms
Remote clock offset: -7.676 ms

Below is generated by plot.py at 2018-05-24 06:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 27.873 ms
Loss rate: 4.52%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 27.873 ms
Loss rate: 4.52%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-05-24 04:15:40

End at: 2018-05-24 04:16:10

Local clock offset: -5.505 ms

Remote clock offset: 7.996 ms

Below is generated by plot.py at 2018-05-24 06:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 28.987 ms

Loss rate: 4.20%

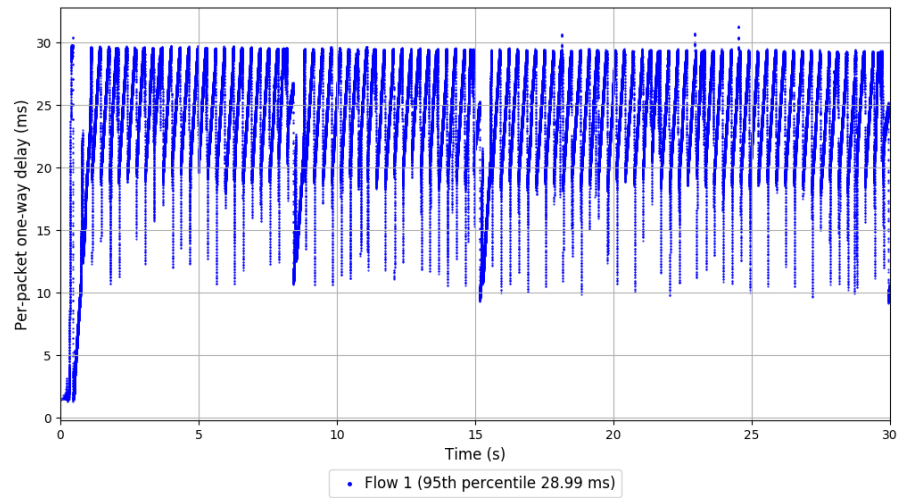
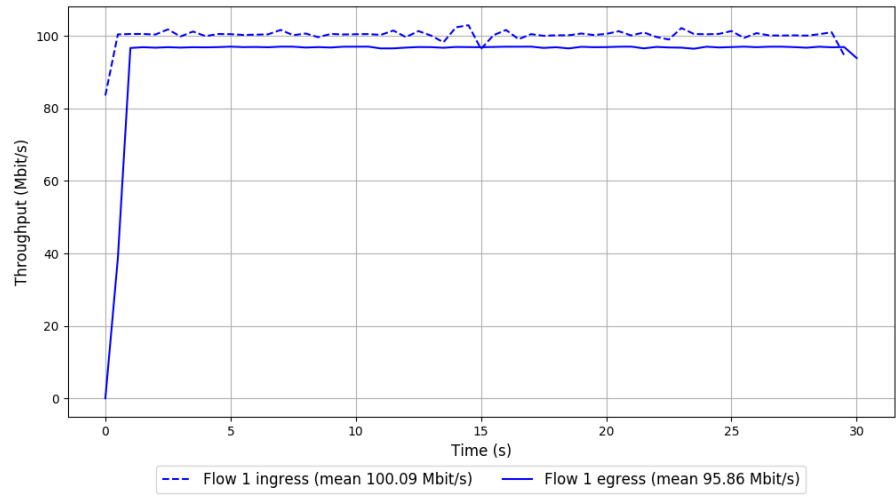
-- Flow 1:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 28.987 ms

Loss rate: 4.20%

Run 3: Report of FillP — Data Link

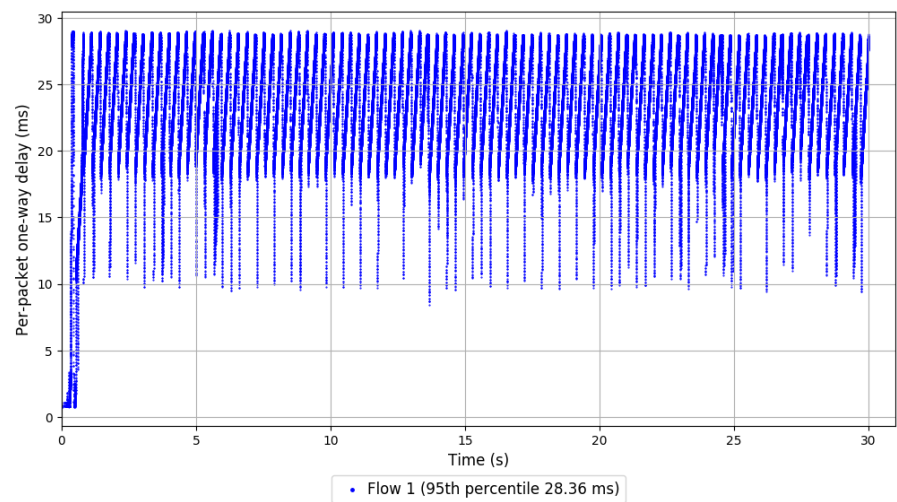
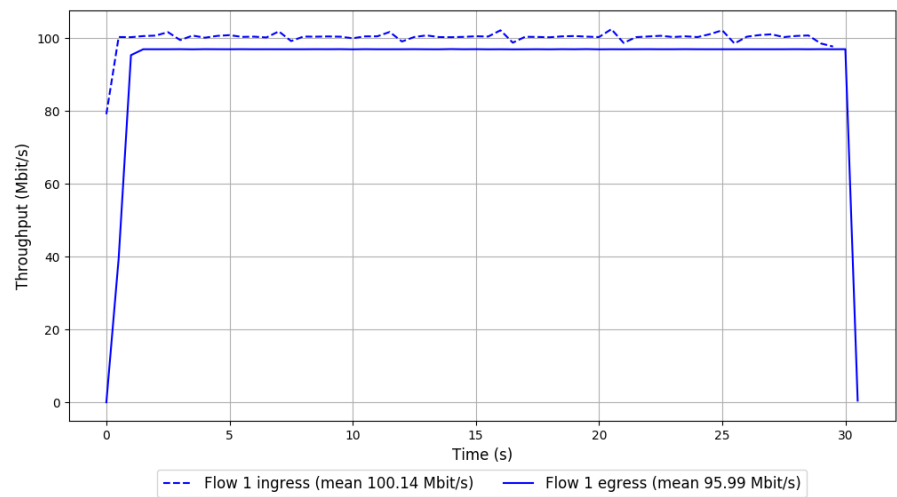


Run 4: Statistics of FillP

Start at: 2018-05-24 04:33:23
End at: 2018-05-24 04:33:53
Local clock offset: -5.925 ms
Remote clock offset: 16.417 ms

Below is generated by plot.py at 2018-05-24 06:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 28.364 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 28.364 ms
Loss rate: 4.05%

Run 4: Report of FillP — Data Link

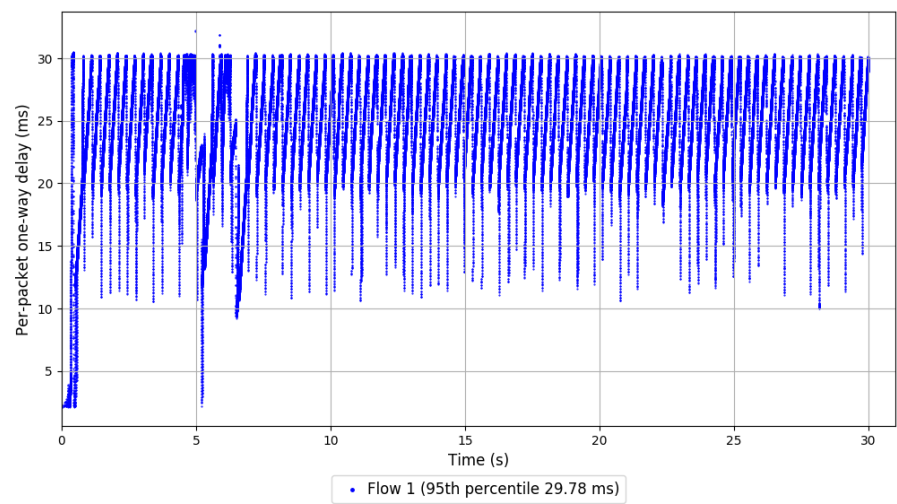
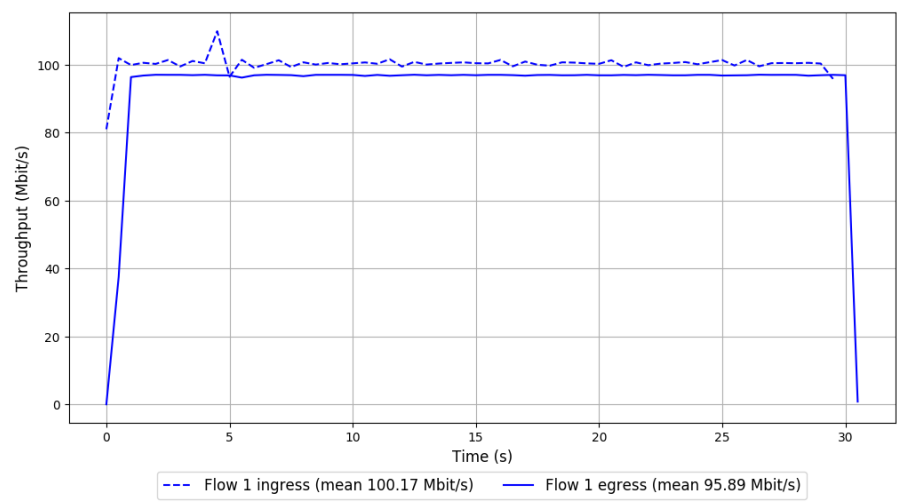


Run 5: Statistics of FillP

Start at: 2018-05-24 04:51:07
End at: 2018-05-24 04:51:37
Local clock offset: -5.657 ms
Remote clock offset: 22.102 ms

Below is generated by plot.py at 2018-05-24 06:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 29.778 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 29.778 ms
Loss rate: 4.19%

Run 5: Report of FillP — Data Link

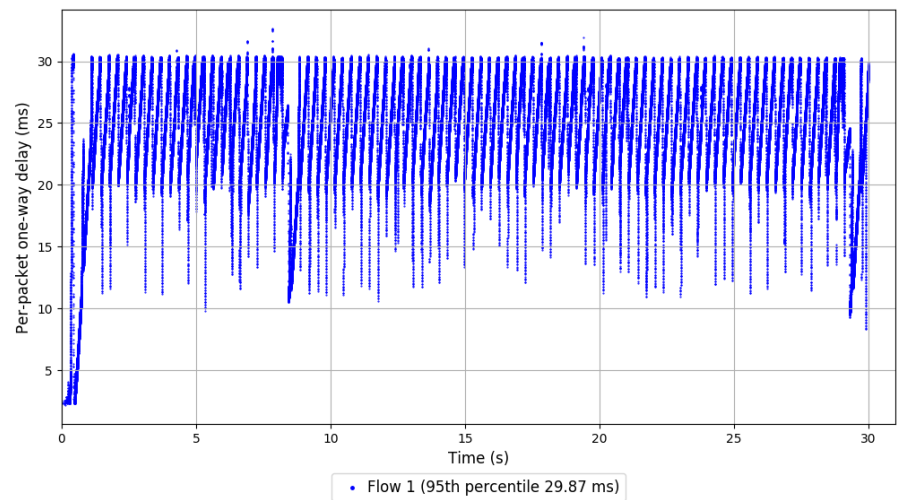
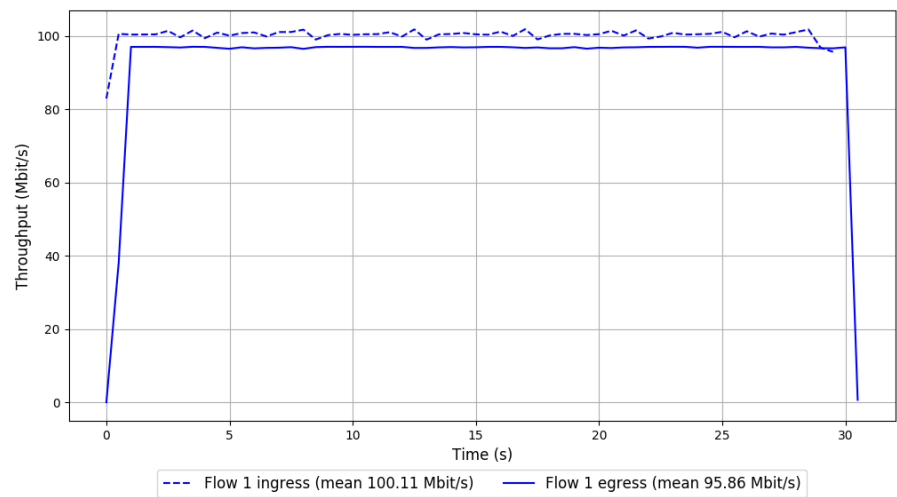


Run 6: Statistics of FillP

Start at: 2018-05-24 05:08:51
End at: 2018-05-24 05:09:21
Local clock offset: -5.933 ms
Remote clock offset: 27.716 ms

Below is generated by plot.py at 2018-05-24 06:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 29.874 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 29.874 ms
Loss rate: 4.16%

Run 6: Report of FillP — Data Link

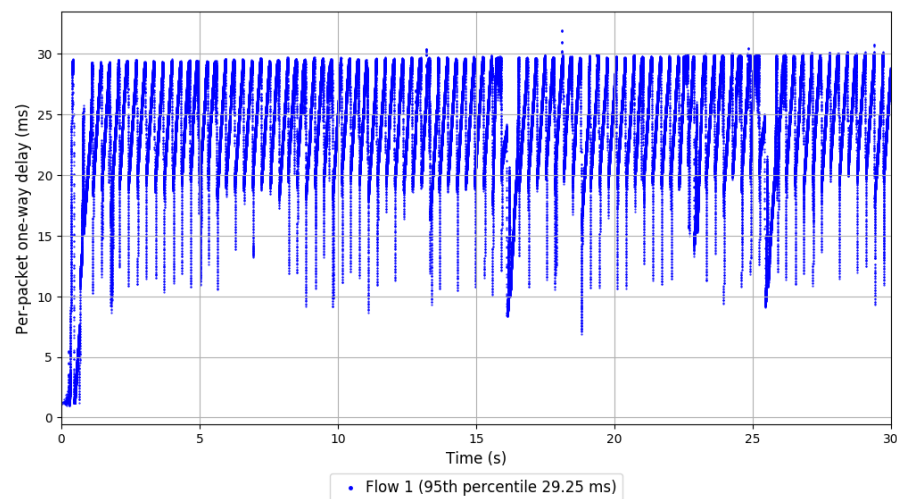
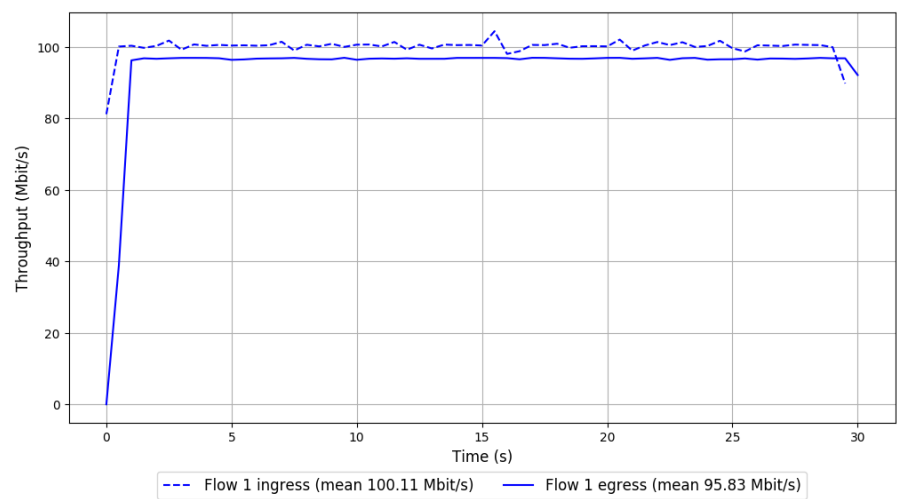


Run 7: Statistics of FillP

Start at: 2018-05-24 05:26:35
End at: 2018-05-24 05:27:05
Local clock offset: -5.629 ms
Remote clock offset: -1.536 ms

Below is generated by plot.py at 2018-05-24 06:34:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 29.251 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 29.251 ms
Loss rate: 4.19%

Run 7: Report of FillP — Data Link

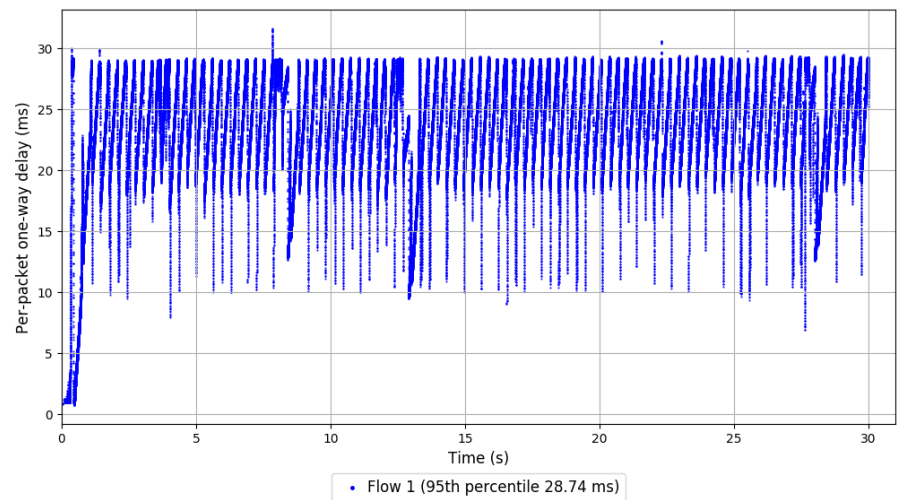
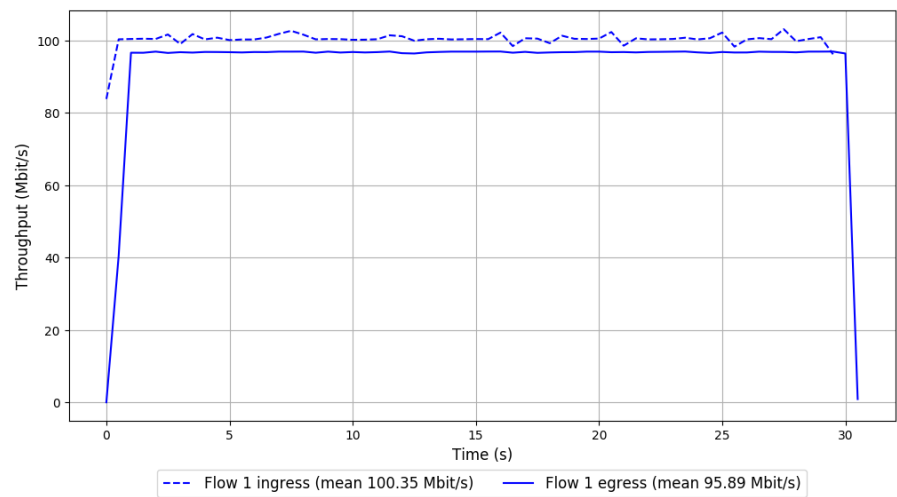


Run 8: Statistics of FillP

Start at: 2018-05-24 05:44:19
End at: 2018-05-24 05:44:49
Local clock offset: -0.798 ms
Remote clock offset: -10.858 ms

Below is generated by plot.py at 2018-05-24 06:34:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 28.739 ms
Loss rate: 4.35%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 28.739 ms
Loss rate: 4.35%

Run 8: Report of FillP — Data Link

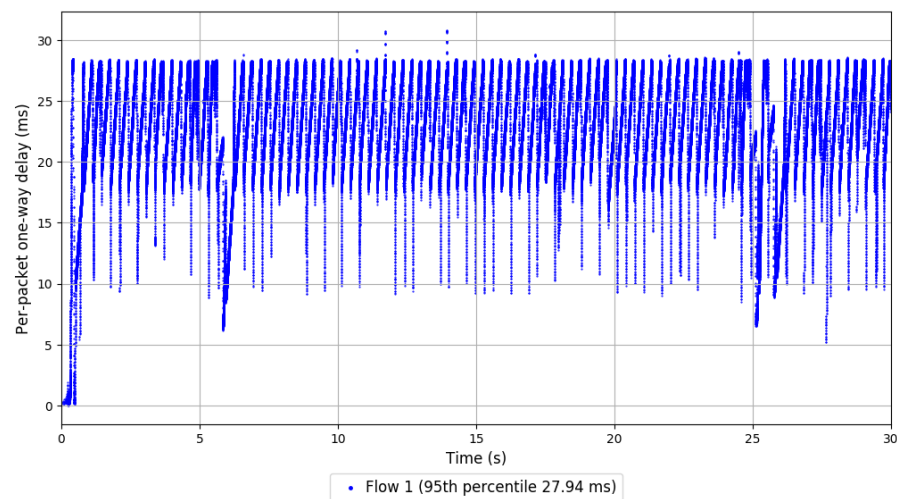
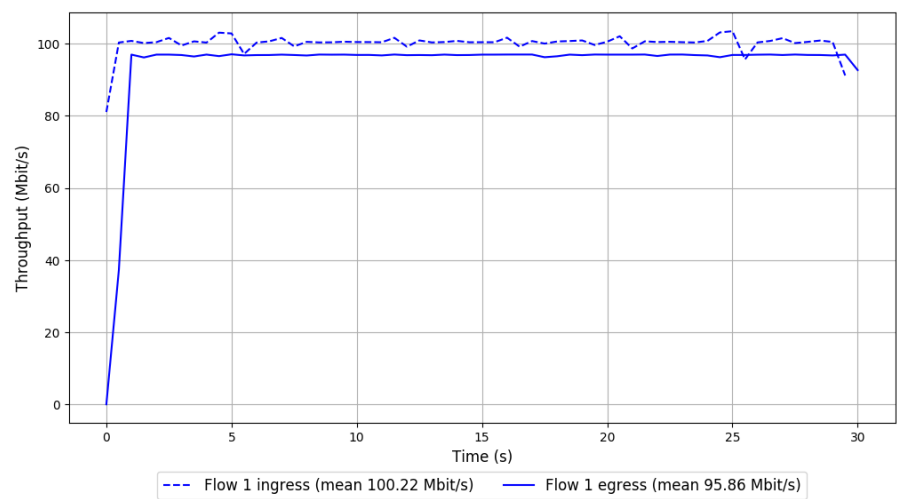


Run 9: Statistics of FillP

Start at: 2018-05-24 06:02:02
End at: 2018-05-24 06:02:32
Local clock offset: 1.57 ms
Remote clock offset: -10.751 ms

Below is generated by plot.py at 2018-05-24 06:35:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 27.943 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 27.943 ms
Loss rate: 4.26%

Run 9: Report of FillP — Data Link

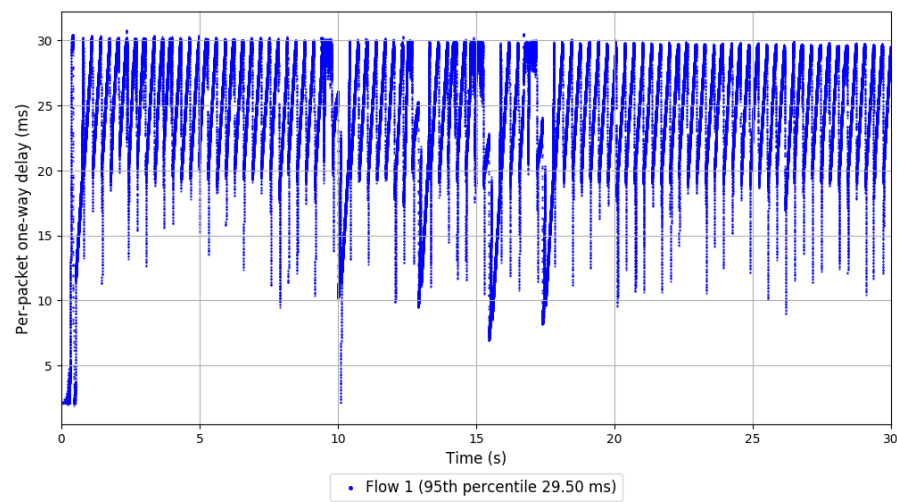
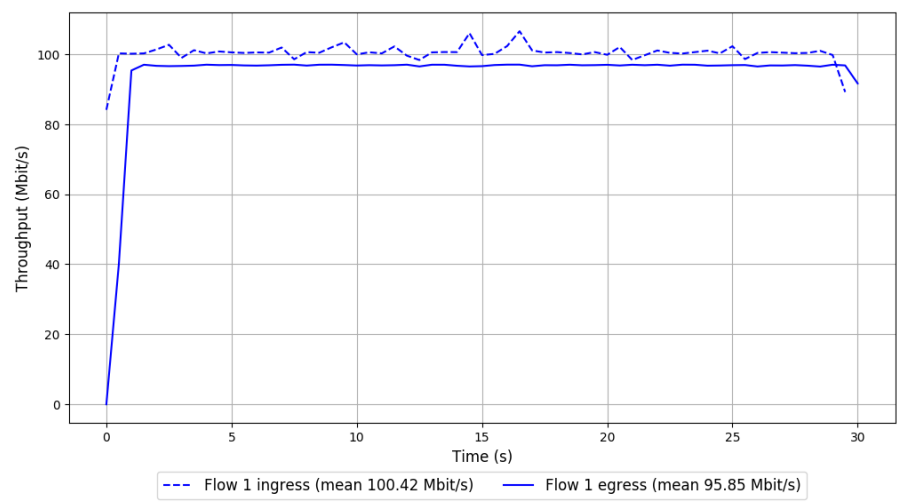


Run 10: Statistics of FillP

Start at: 2018-05-24 06:19:46
End at: 2018-05-24 06:20:16
Local clock offset: 1.985 ms
Remote clock offset: -13.764 ms

Below is generated by plot.py at 2018-05-24 06:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 29.498 ms
Loss rate: 4.47%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 29.498 ms
Loss rate: 4.47%

Run 10: Report of FillP — Data Link

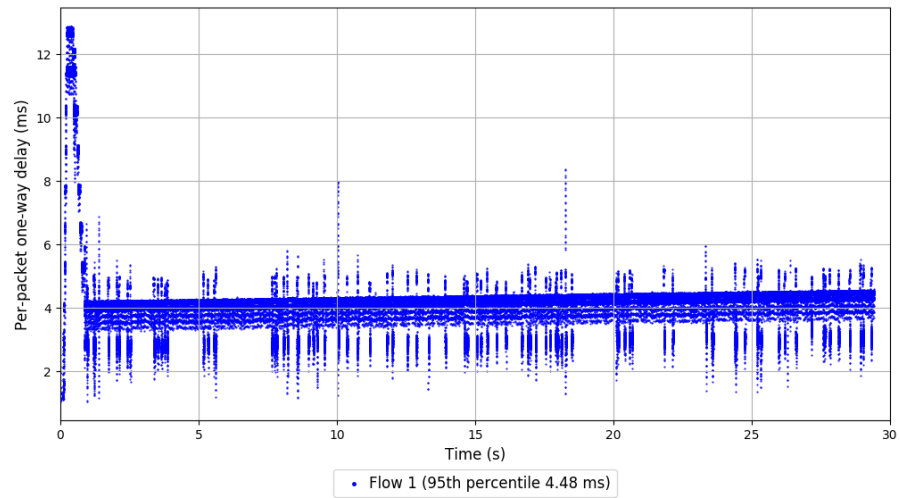
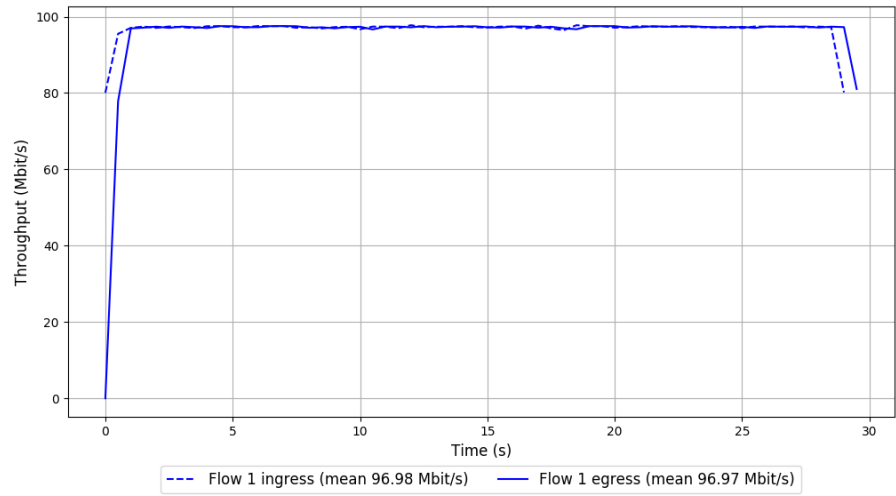


Run 1: Statistics of Indigo

Start at: 2018-05-24 03:29:16
End at: 2018-05-24 03:29:46
Local clock offset: -6.312 ms
Remote clock offset: -0.776 ms

Below is generated by plot.py at 2018-05-24 06:35:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 4.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 4.483 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

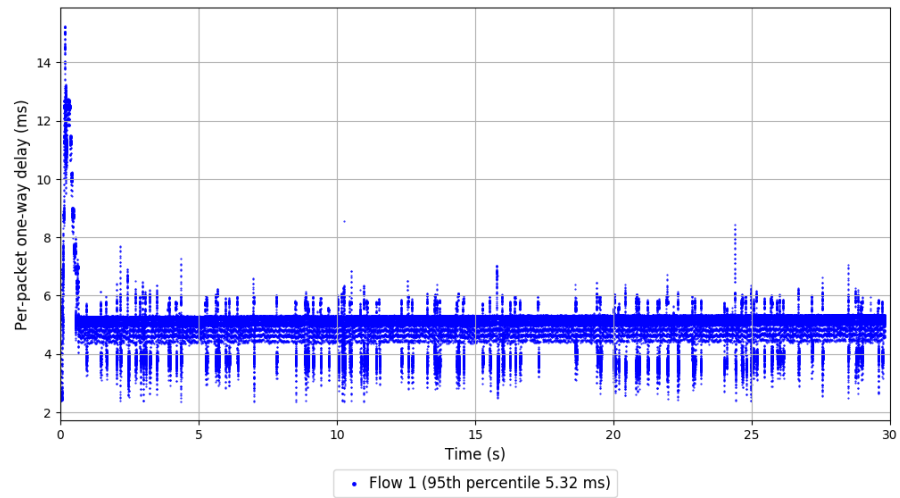
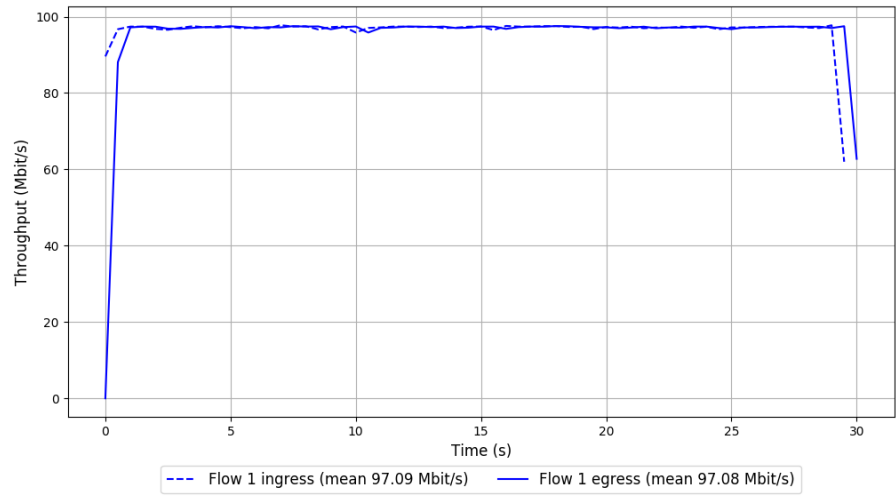


Run 2: Statistics of Indigo

Start at: 2018-05-24 03:46:56
End at: 2018-05-24 03:47:27
Local clock offset: -6.168 ms
Remote clock offset: -6.685 ms

Below is generated by plot.py at 2018-05-24 06:35:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 5.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 5.315 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

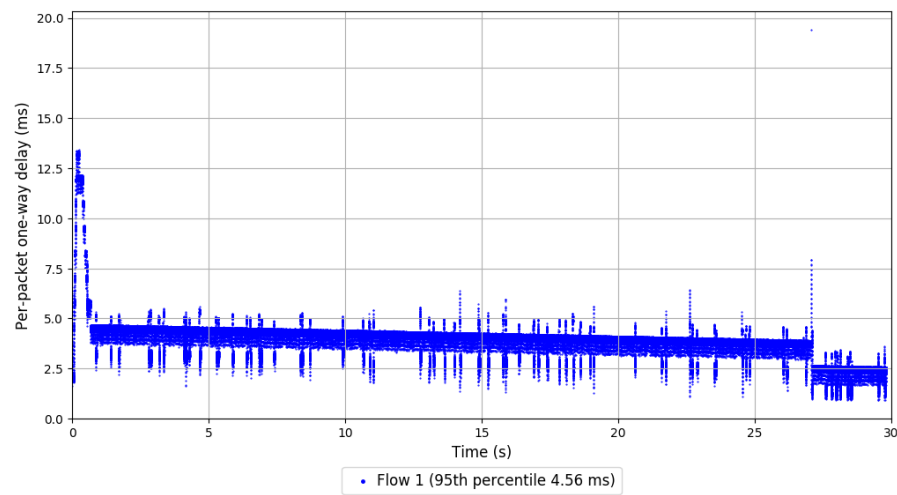
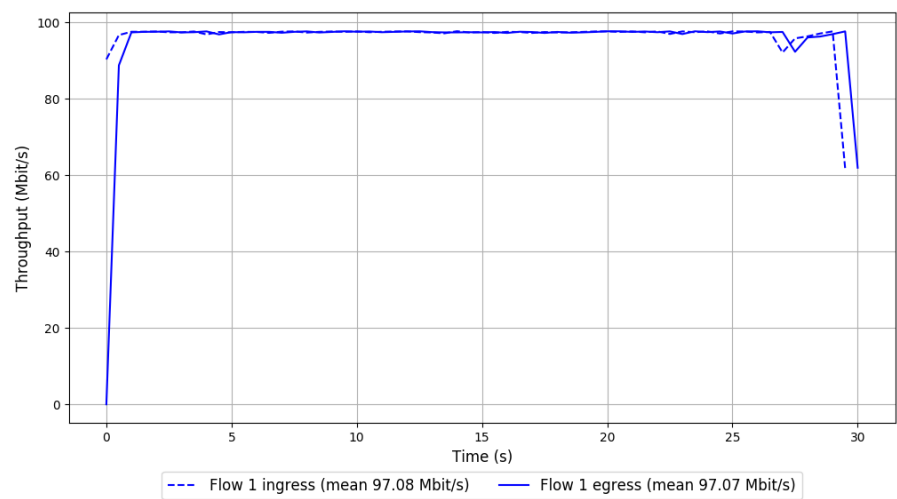


Run 3: Statistics of Indigo

Start at: 2018-05-24 04:04:41
End at: 2018-05-24 04:05:11
Local clock offset: -6.218 ms
Remote clock offset: -5.094 ms

Below is generated by plot.py at 2018-05-24 06:35:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 4.563 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 4.563 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

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

End at: 2018-05-24 04:22:54

Local clock offset: -6.31 ms

Remote clock offset: 11.948 ms

Below is generated by plot.py at 2018-05-24 06:35:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 3.773 ms

Loss rate: 0.00%

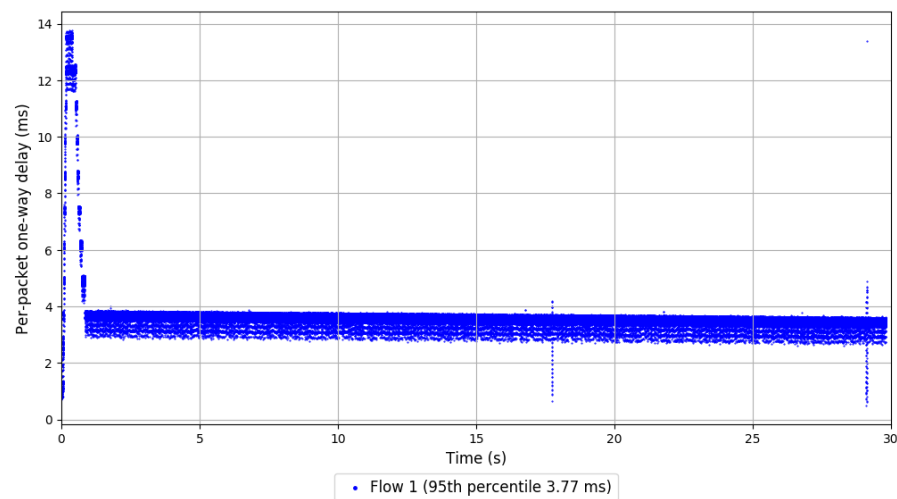
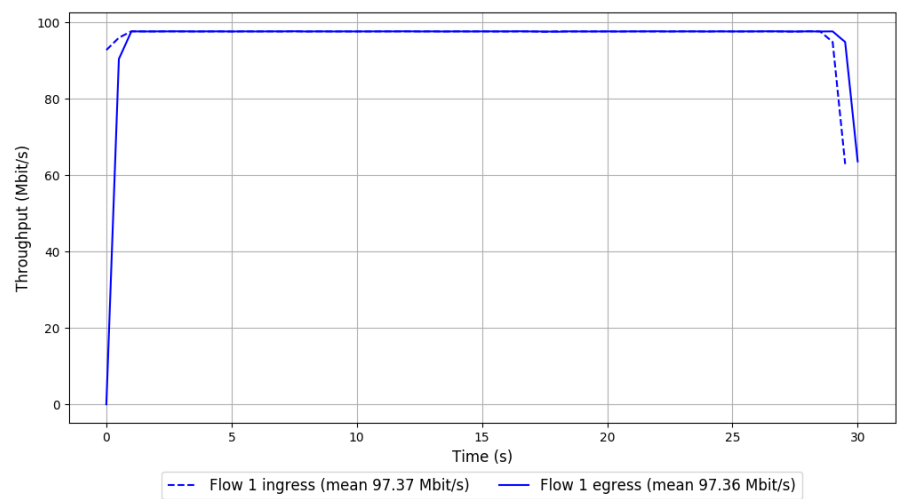
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 3.773 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

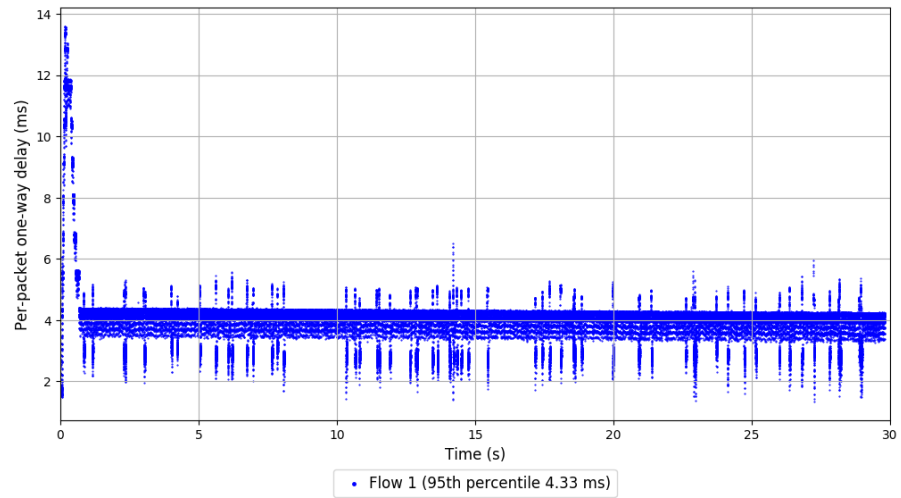
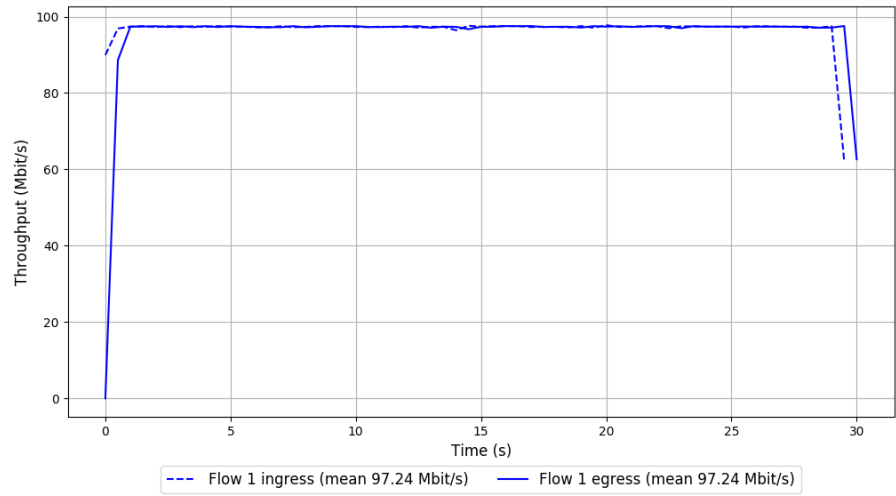


Run 5: Statistics of Indigo

Start at: 2018-05-24 04:40:08
End at: 2018-05-24 04:40:38
Local clock offset: -5.074 ms
Remote clock offset: 18.684 ms

Below is generated by plot.py at 2018-05-24 06:35:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.328 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-05-24 04:57:52

End at: 2018-05-24 04:58:22

Local clock offset: -5.71 ms

Remote clock offset: 24.201 ms

Below is generated by plot.py at 2018-05-24 06:35:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 3.732 ms

Loss rate: 0.00%

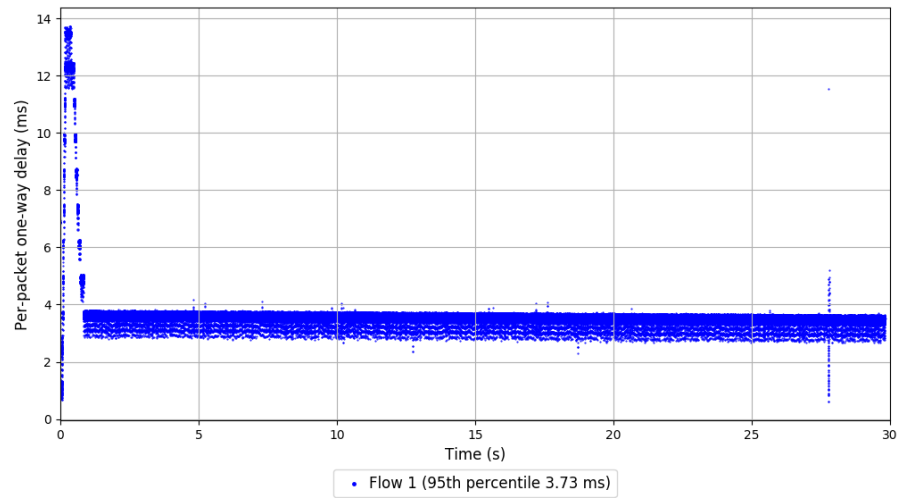
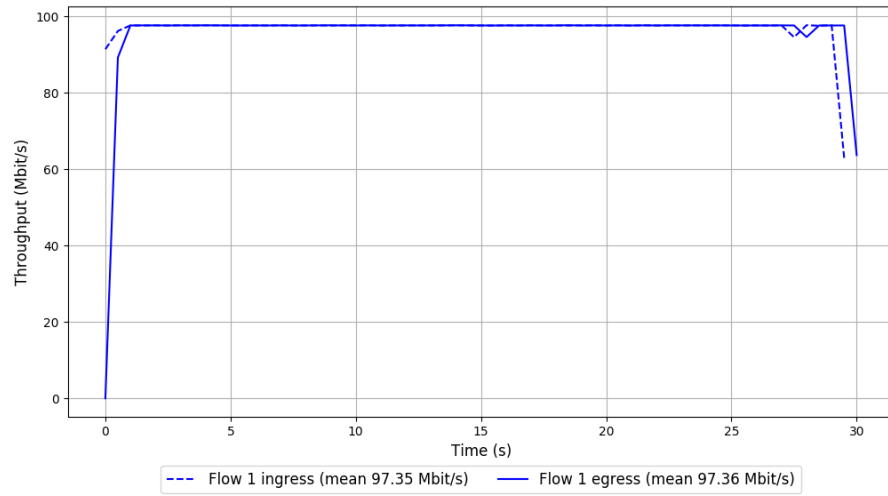
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 3.732 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-05-24 05:15:35

End at: 2018-05-24 05:16:06

Local clock offset: -6.757 ms

Remote clock offset: 15.14 ms

Below is generated by plot.py at 2018-05-24 06:36:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 6.111 ms

Loss rate: 0.00%

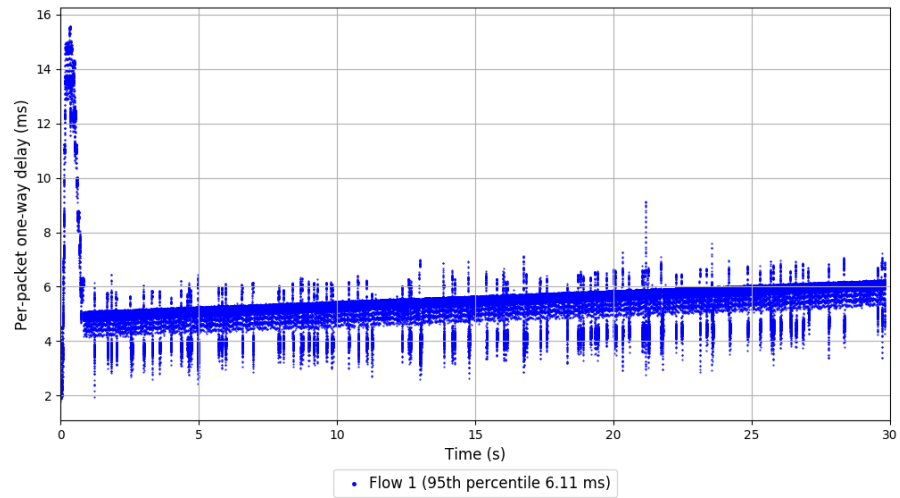
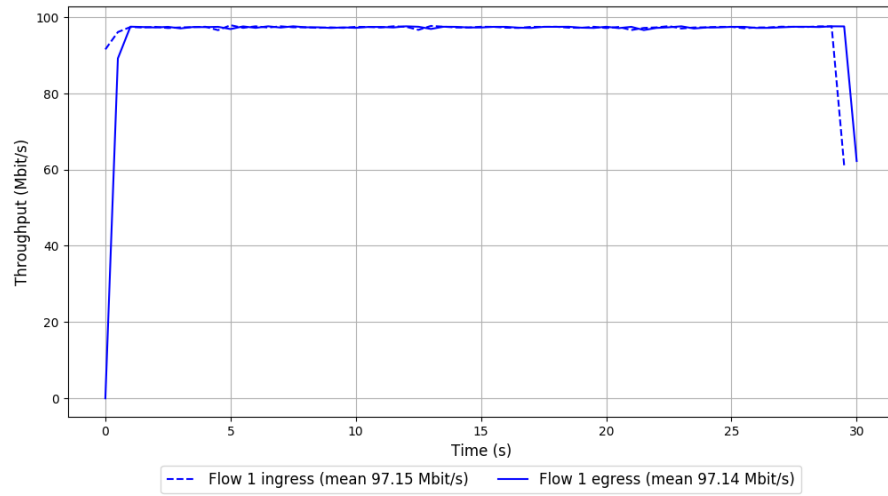
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 6.111 ms

Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

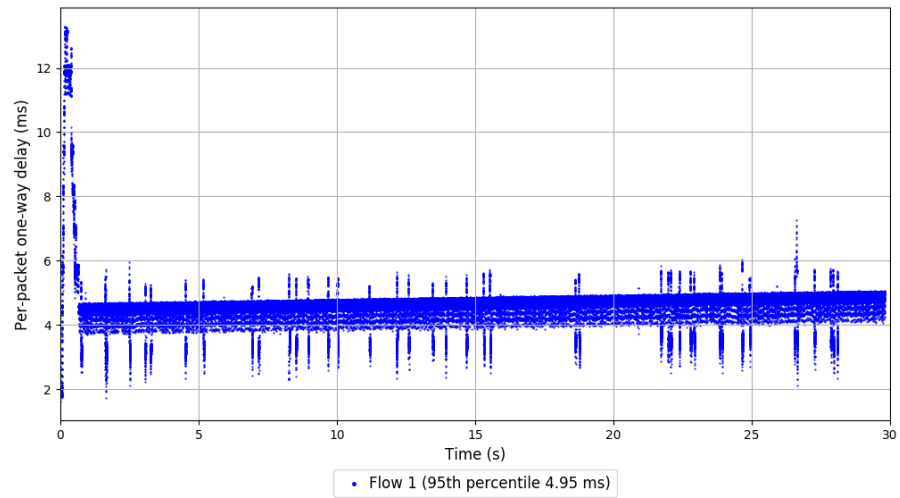
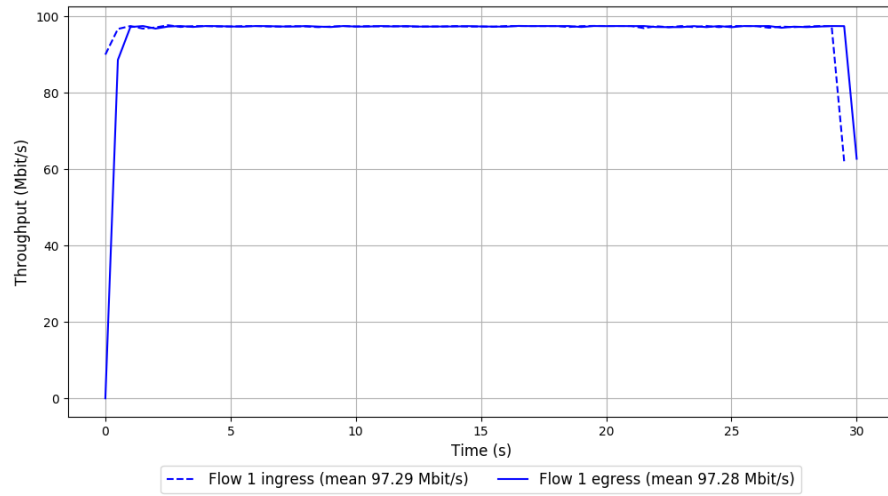


Run 8: Statistics of Indigo

Start at: 2018-05-24 05:33:20
End at: 2018-05-24 05:33:50
Local clock offset: -2.154 ms
Remote clock offset: -6.189 ms

Below is generated by plot.py at 2018-05-24 06:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 4.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 4.945 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

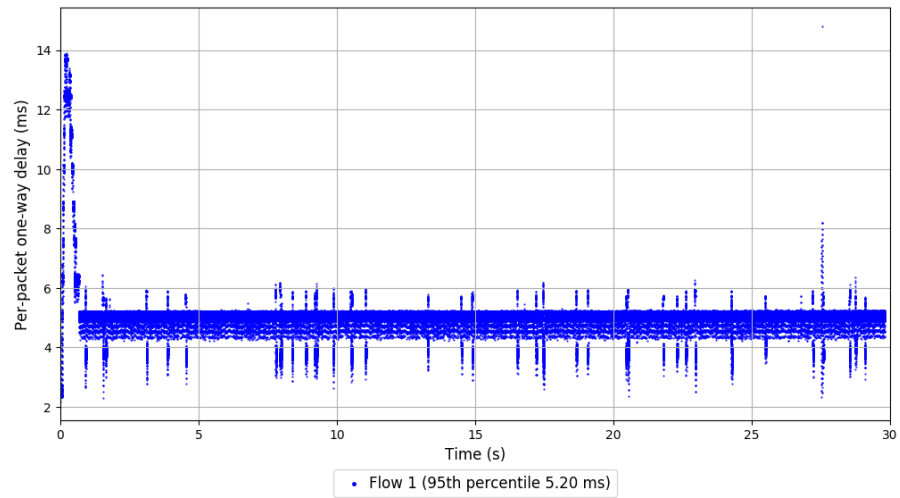
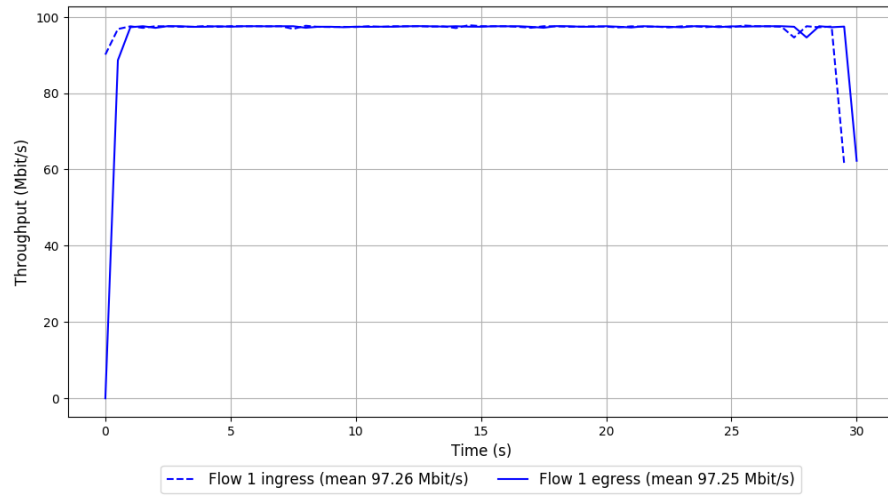


Run 9: Statistics of Indigo

Start at: 2018-05-24 05:51:04
End at: 2018-05-24 05:51:34
Local clock offset: -0.068 ms
Remote clock offset: -10.211 ms

Below is generated by plot.py at 2018-05-24 06:36:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 5.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 5.202 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-05-24 06:08:47

End at: 2018-05-24 06:09:17

Local clock offset: 2.074 ms

Remote clock offset: -11.743 ms

Below is generated by plot.py at 2018-05-24 06:36:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 3.345 ms

Loss rate: 0.00%

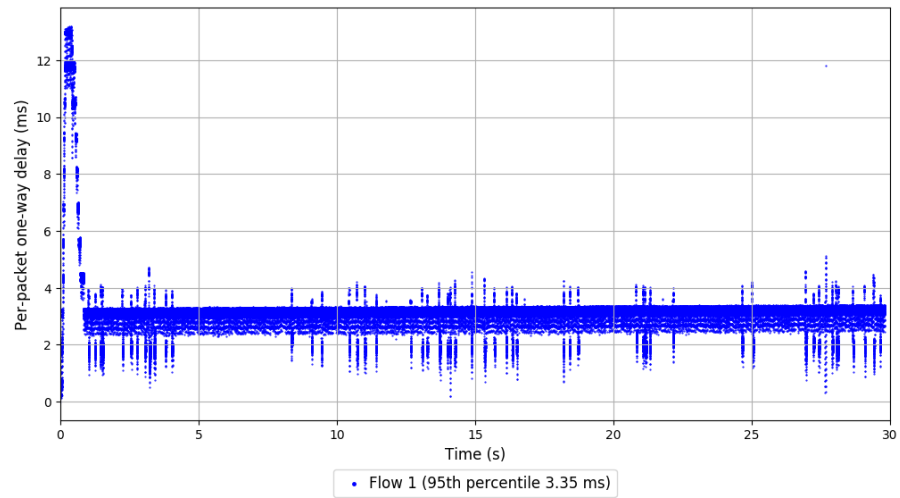
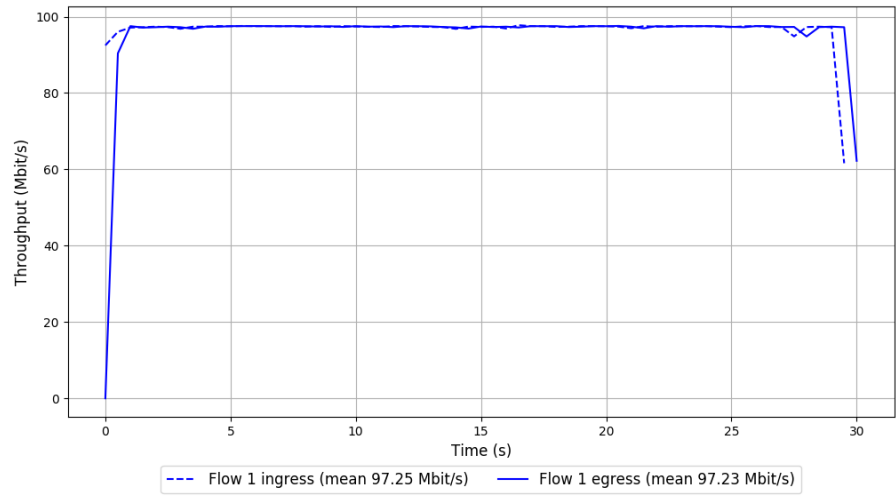
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 3.345 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

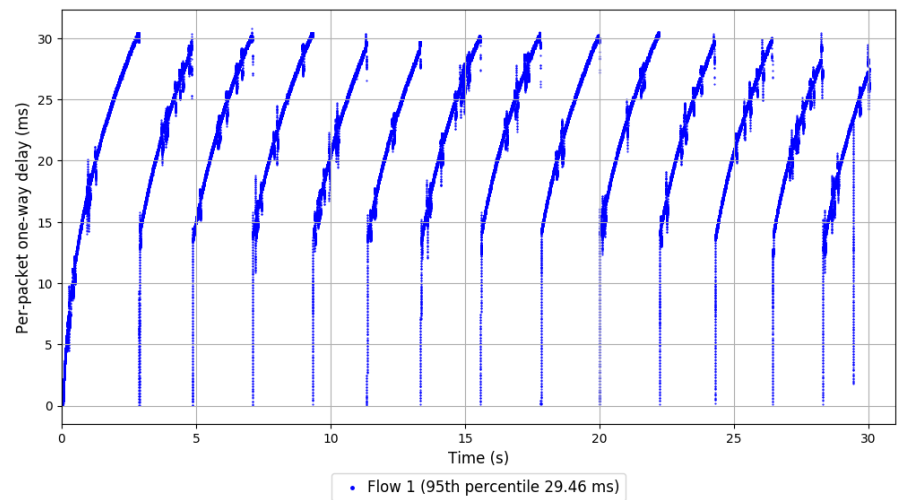
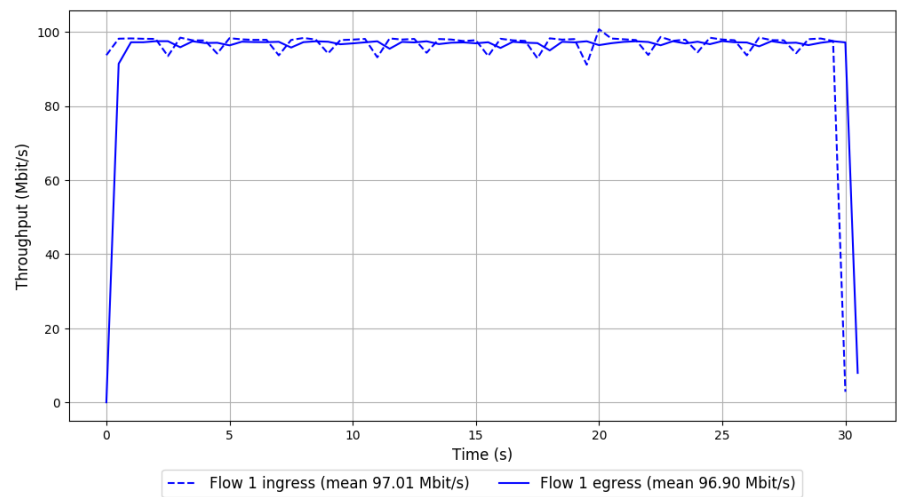


Run 1: Statistics of LEDBAT

Start at: 2018-05-24 03:44:45
End at: 2018-05-24 03:45:15
Local clock offset: -5.323 ms
Remote clock offset: -6.429 ms

Below is generated by plot.py at 2018-05-24 06:36:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 29.456 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 29.456 ms
Loss rate: 0.03%

Run 1: Report of LEDBAT — Data Link

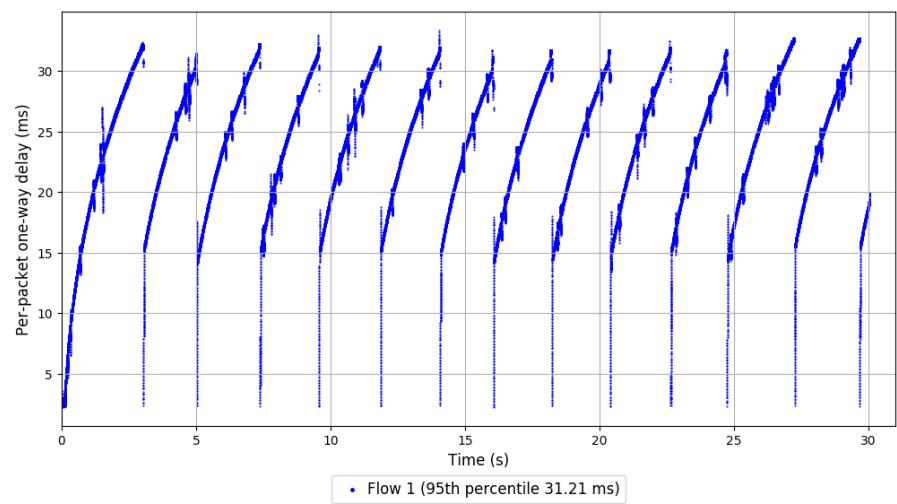
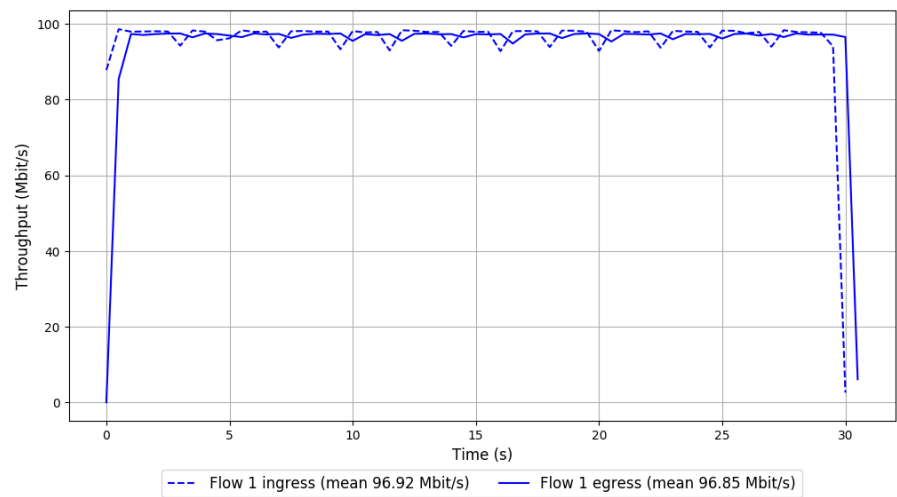


Run 2: Statistics of LEDBAT

Start at: 2018-05-24 04:02:29
End at: 2018-05-24 04:02:59
Local clock offset: -6.201 ms
Remote clock offset: -7.986 ms

Below is generated by plot.py at 2018-05-24 06:36:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.02%

Run 2: Report of LEDBAT — Data Link

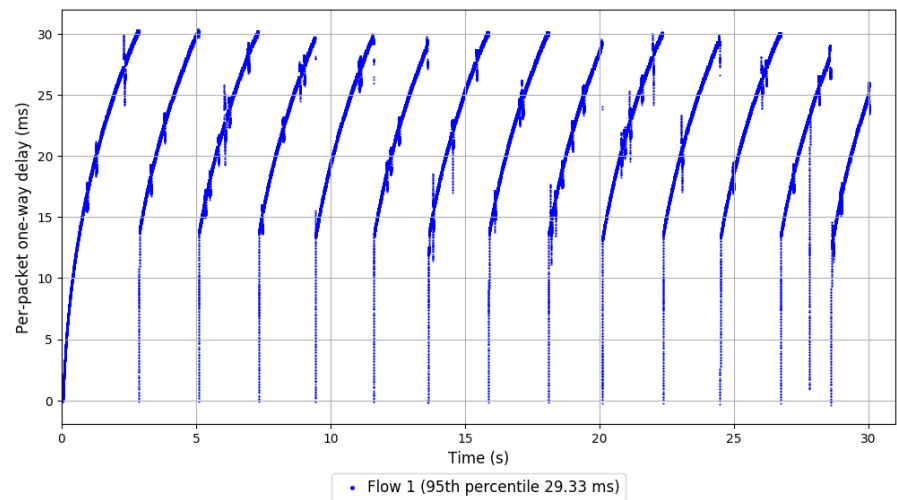
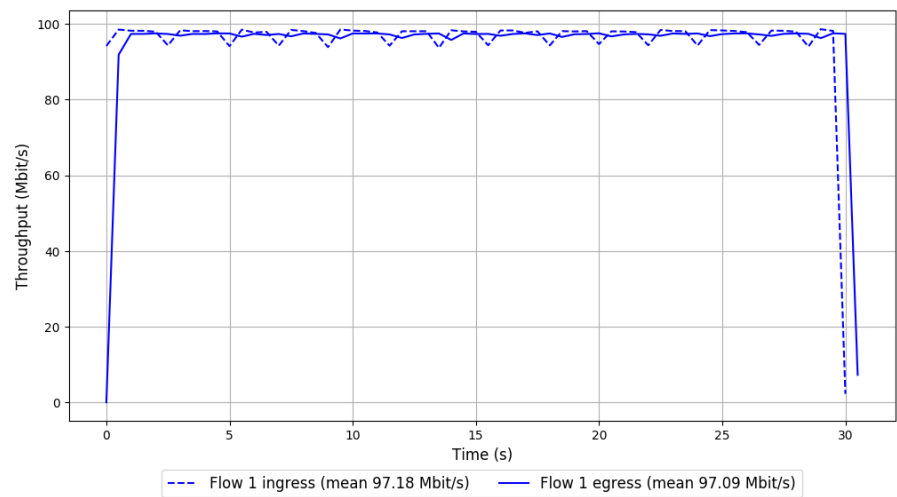


Run 3: Statistics of LEDBAT

Start at: 2018-05-24 04:20:12
End at: 2018-05-24 04:20:42
Local clock offset: -5.516 ms
Remote clock offset: 10.779 ms

Below is generated by plot.py at 2018-05-24 06:36:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 29.328 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 29.328 ms
Loss rate: 0.02%

Run 3: Report of LEDBAT — Data Link

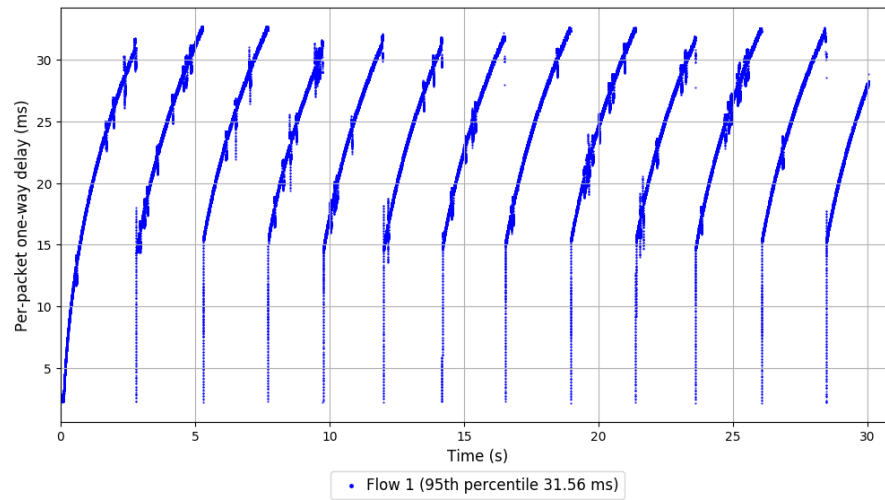
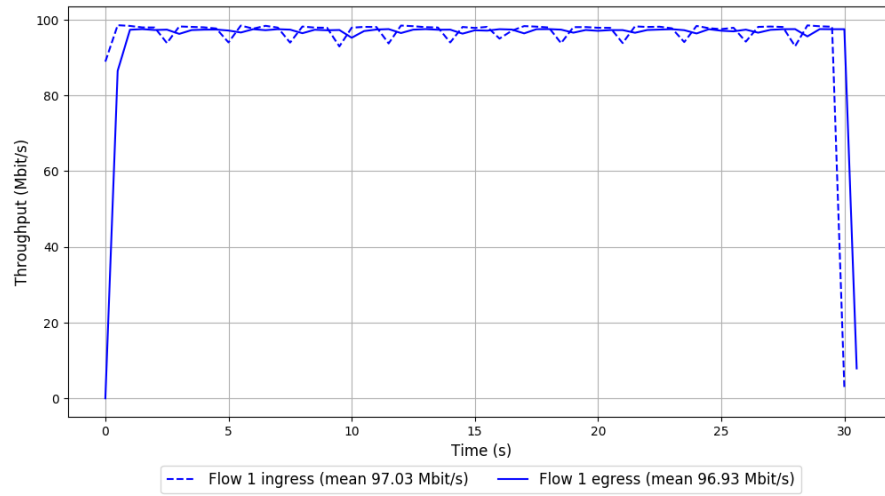


Run 4: Statistics of LEDBAT

Start at: 2018-05-24 04:37:56
End at: 2018-05-24 04:38:26
Local clock offset: -5.819 ms
Remote clock offset: 18.052 ms

Below is generated by plot.py at 2018-05-24 06:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 31.557 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 31.557 ms
Loss rate: 0.02%

Run 4: Report of LEDBAT — Data Link

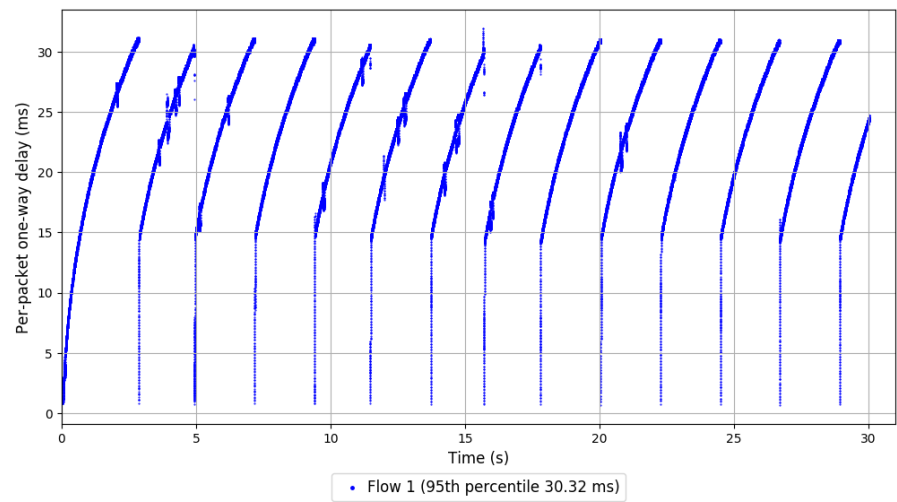
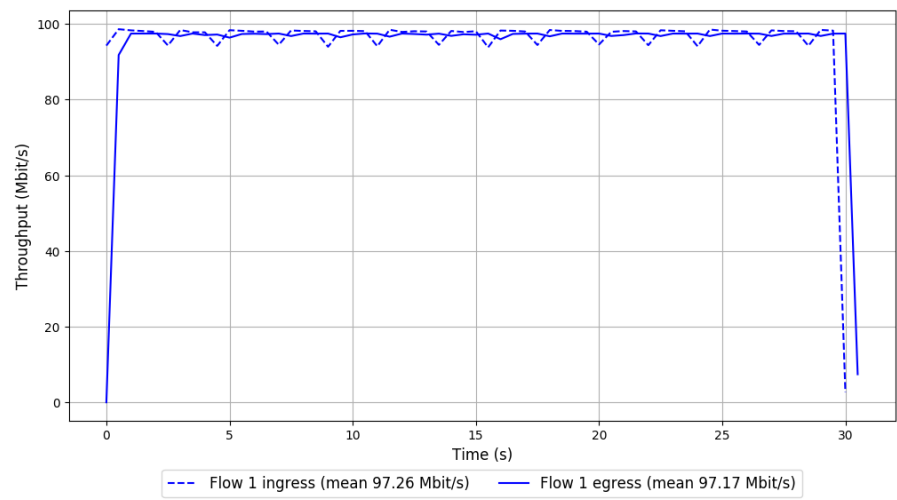


Run 5: Statistics of LEDBAT

Start at: 2018-05-24 04:55:40
End at: 2018-05-24 04:56:10
Local clock offset: -5.65 ms
Remote clock offset: 23.609 ms

Below is generated by plot.py at 2018-05-24 06:37:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 30.320 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 30.320 ms
Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link

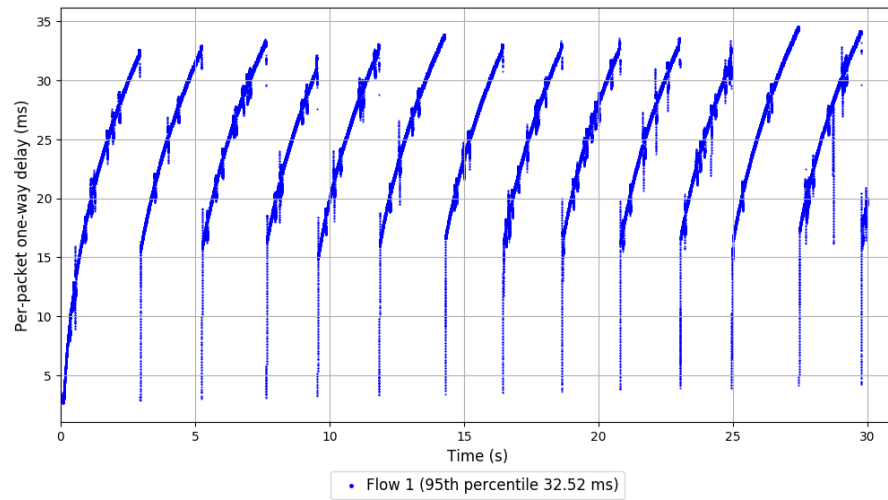
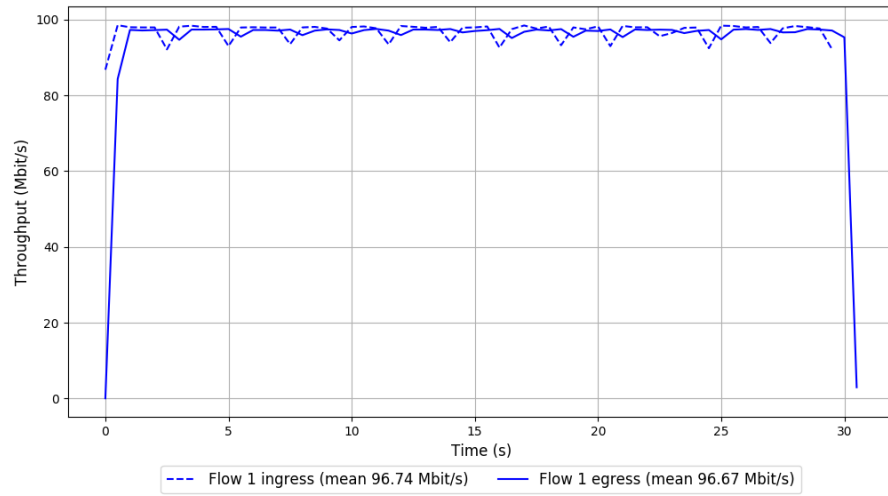


Run 6: Statistics of LEDBAT

Start at: 2018-05-24 05:13:24
End at: 2018-05-24 05:13:54
Local clock offset: -5.994 ms
Remote clock offset: 21.305 ms

Below is generated by plot.py at 2018-05-24 06:37:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 32.519 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 32.519 ms
Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-05-24 05:31:08

End at: 2018-05-24 05:31:38

Local clock offset: -4.329 ms

Remote clock offset: -4.9 ms

Below is generated by plot.py at 2018-05-24 06:37:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 31.731 ms

Loss rate: 0.02%

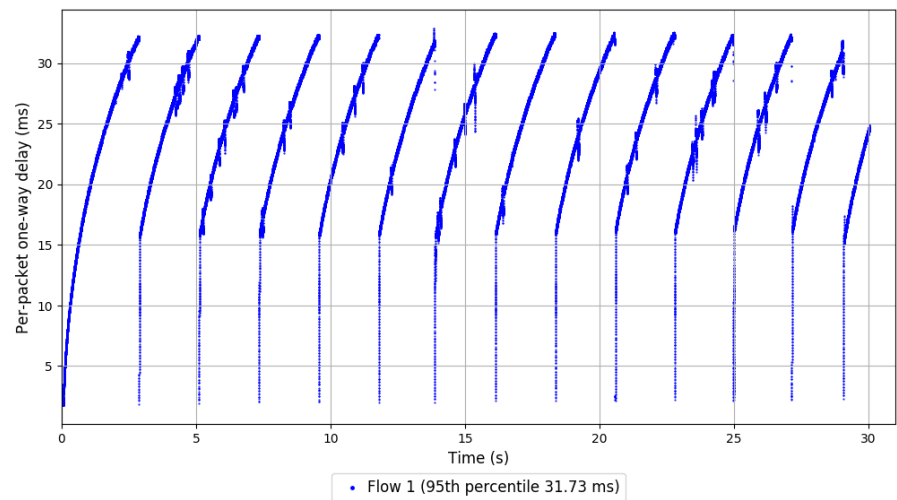
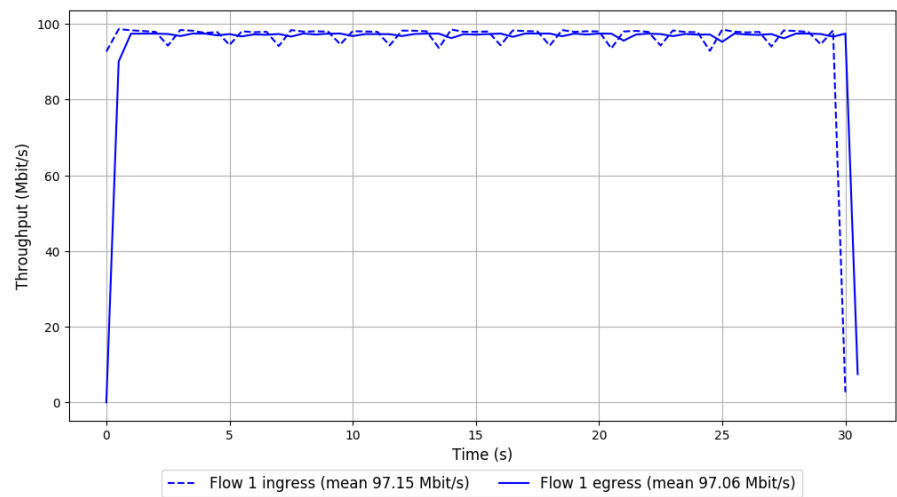
-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 31.731 ms

Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link

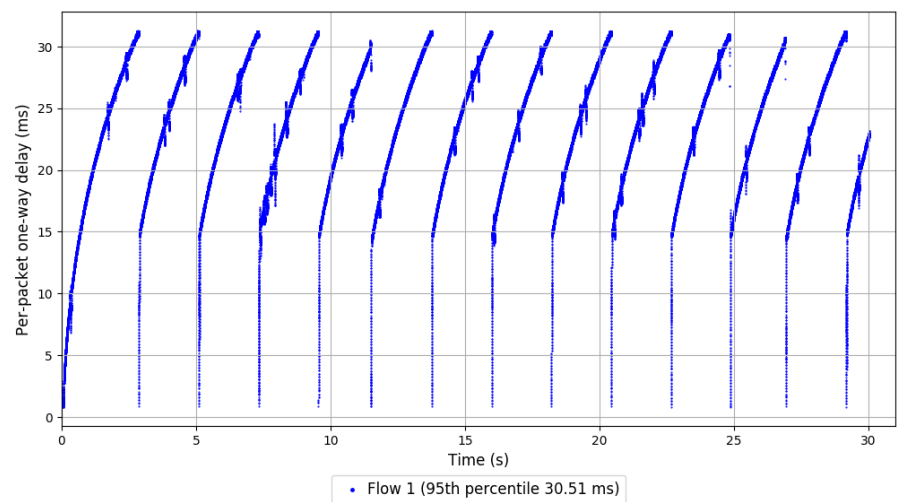
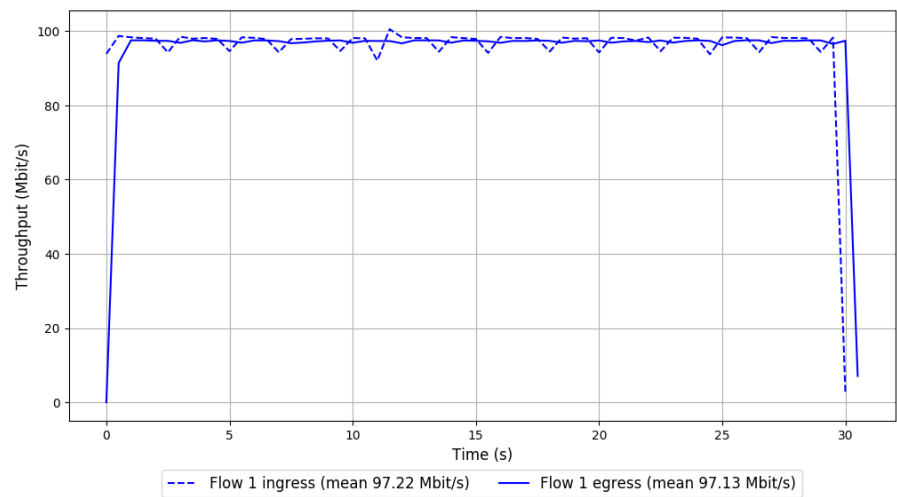


Run 8: Statistics of LEDBAT

Start at: 2018-05-24 05:48:52
End at: 2018-05-24 05:49:22
Local clock offset: -0.277 ms
Remote clock offset: -10.452 ms

Below is generated by plot.py at 2018-05-24 06:37:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 30.514 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 30.514 ms
Loss rate: 0.02%

Run 8: Report of LEDBAT — Data Link

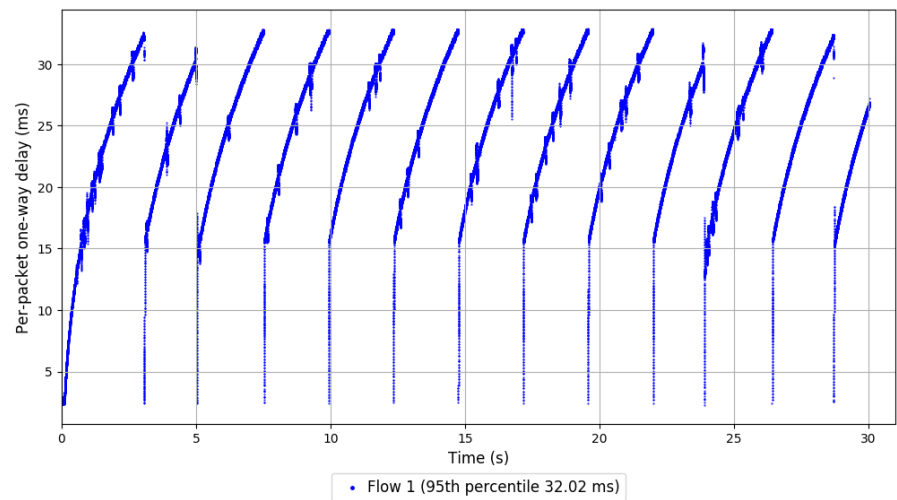
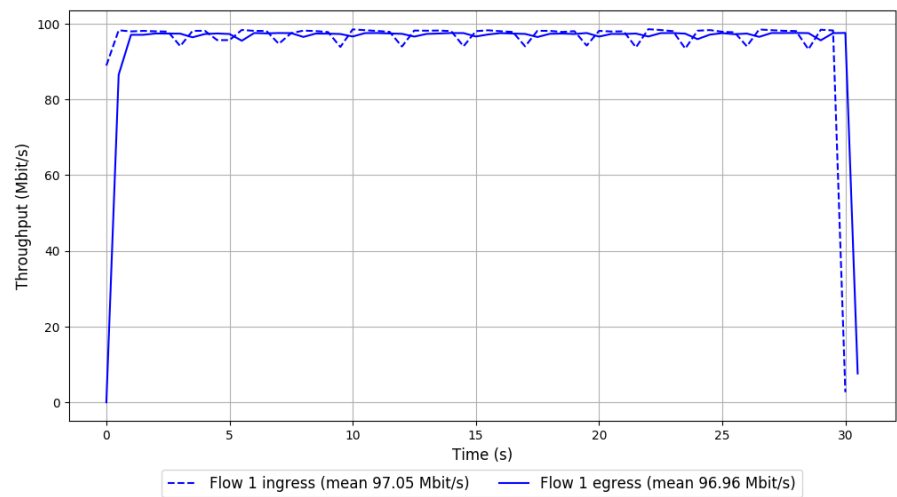


Run 9: Statistics of LEDBAT

Start at: 2018-05-24 06:06:35
End at: 2018-05-24 06:07:05
Local clock offset: 1.169 ms
Remote clock offset: -11.405 ms

Below is generated by plot.py at 2018-05-24 06:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 32.022 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 32.022 ms
Loss rate: 0.02%

Run 9: Report of LEDBAT — Data Link

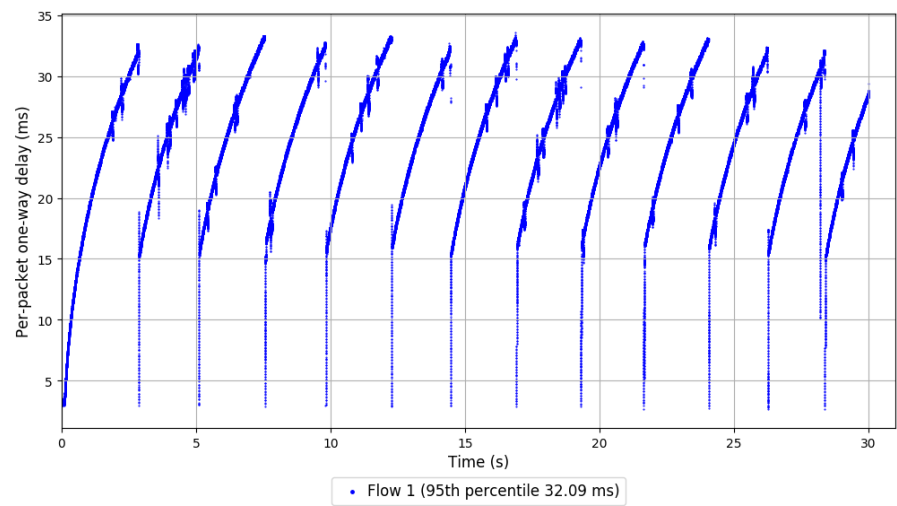
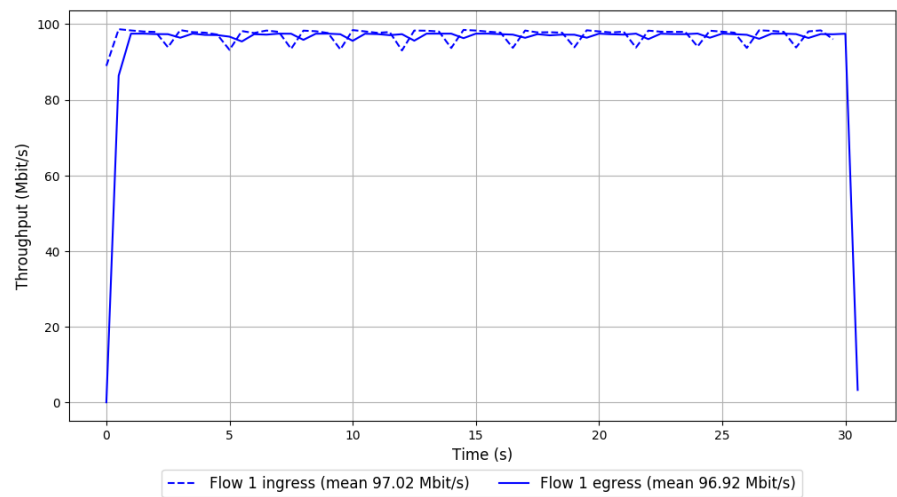


Run 10: Statistics of LEDBAT

Start at: 2018-05-24 06:24:18
End at: 2018-05-24 06:24:48
Local clock offset: 1.505 ms
Remote clock offset: -8.762 ms

Below is generated by plot.py at 2018-05-24 06:37:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 32.093 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 32.093 ms
Loss rate: 0.02%

Run 10: Report of LEDBAT — Data Link

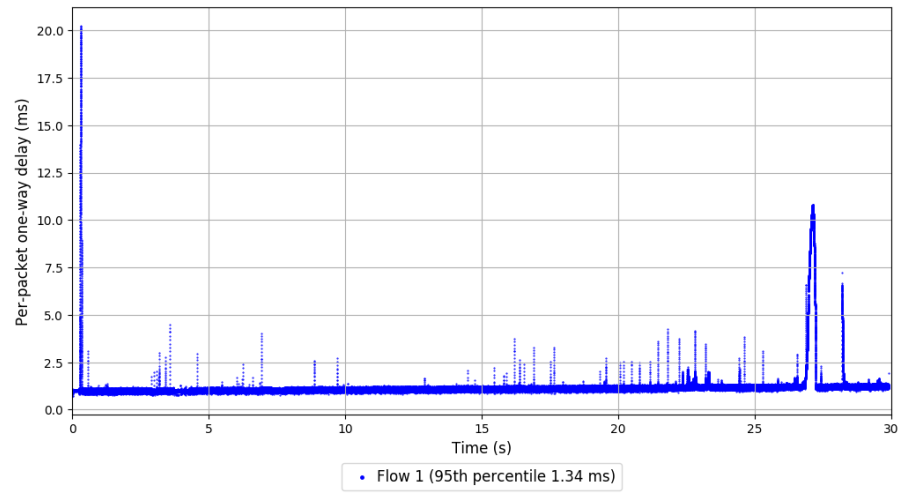
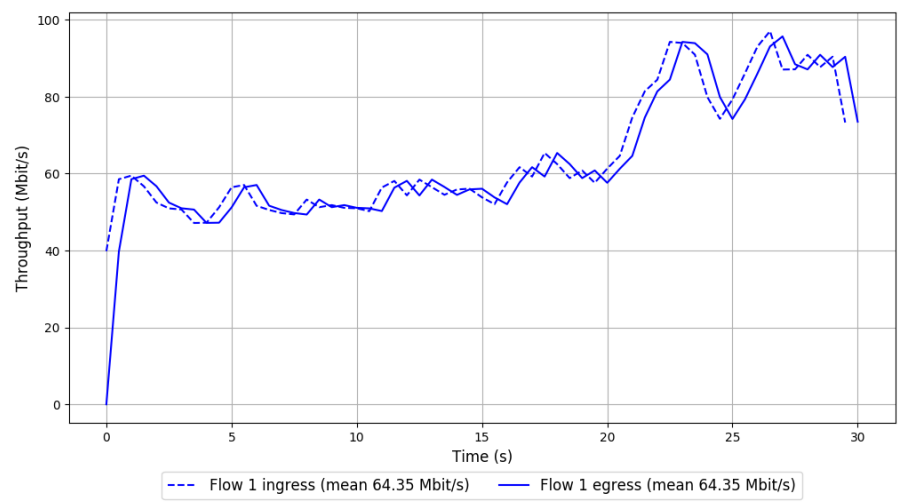


Run 1: Statistics of PCC-Allegro

Start at: 2018-05-24 03:33:45
End at: 2018-05-24 03:34:15
Local clock offset: -6.151 ms
Remote clock offset: -3.443 ms

Below is generated by plot.py at 2018-05-24 06:37:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-05-24 03:51:25

End at: 2018-05-24 03:51:55

Local clock offset: -6.12 ms

Remote clock offset: -7.156 ms

Below is generated by plot.py at 2018-05-24 06:37:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.18 Mbit/s

95th percentile per-packet one-way delay: 4.089 ms

Loss rate: 0.01%

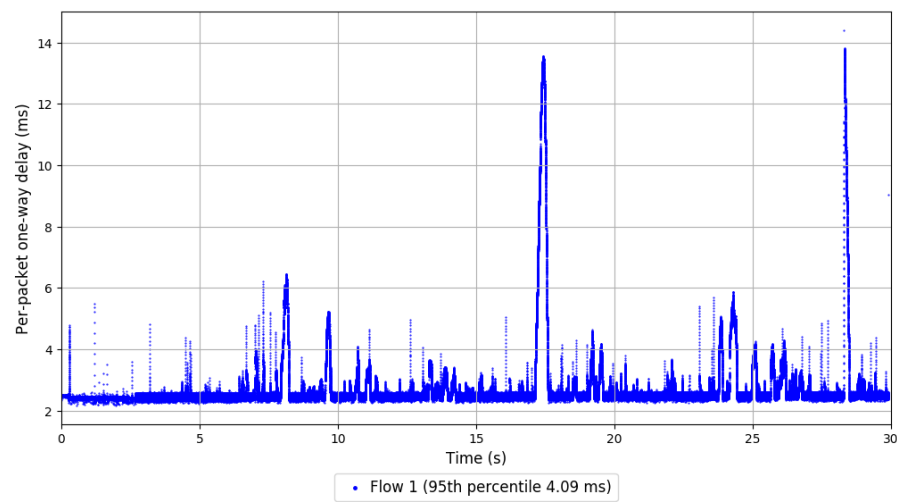
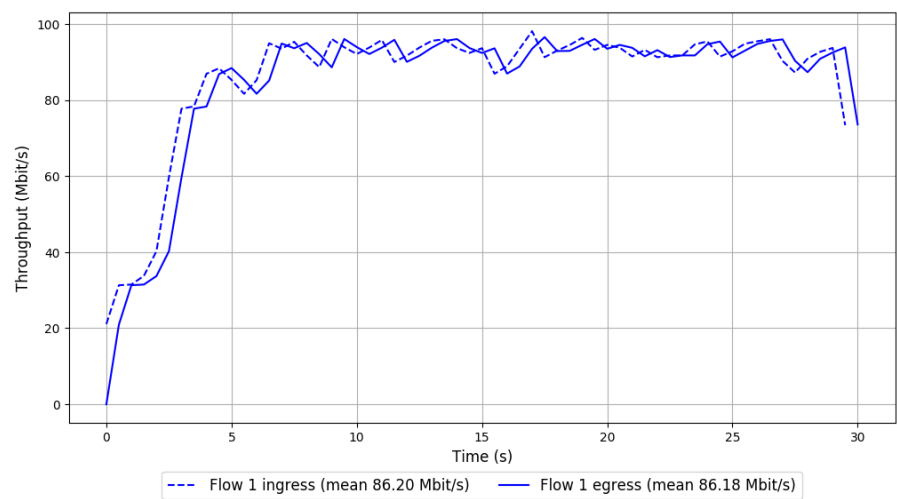
-- Flow 1:

Average throughput: 86.18 Mbit/s

95th percentile per-packet one-way delay: 4.089 ms

Loss rate: 0.01%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-05-24 04:09:09

End at: 2018-05-24 04:09:39

Local clock offset: -6.29 ms

Remote clock offset: 1.693 ms

Below is generated by plot.py at 2018-05-24 06:38:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 2.838 ms

Loss rate: 0.00%

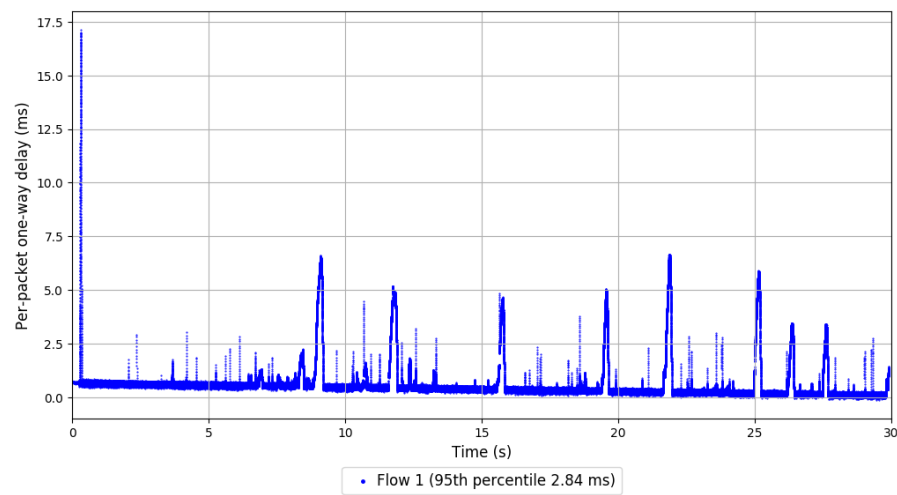
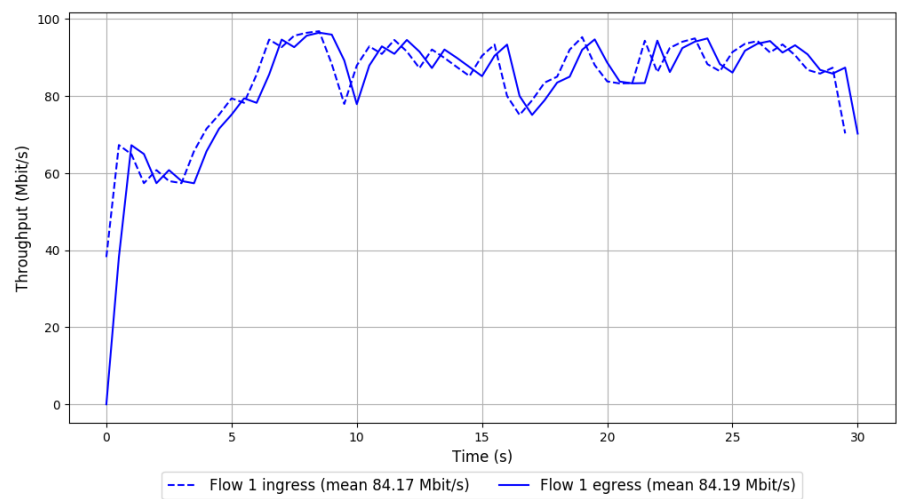
-- Flow 1:

Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 2.838 ms

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-05-24 04:26:53

End at: 2018-05-24 04:27:23

Local clock offset: -7.017 ms

Remote clock offset: 13.99 ms

Below is generated by plot.py at 2018-05-24 06:39:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.13 Mbit/s

95th percentile per-packet one-way delay: 4.112 ms

Loss rate: 0.00%

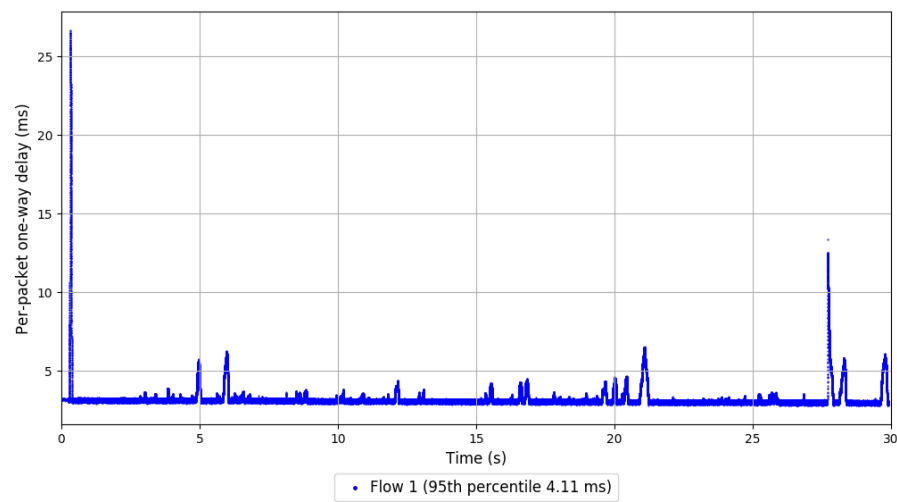
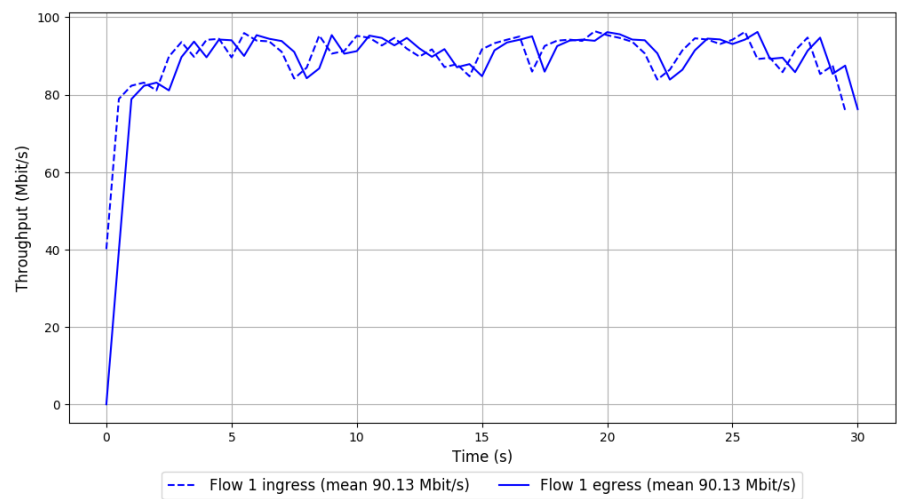
-- Flow 1:

Average throughput: 90.13 Mbit/s

95th percentile per-packet one-way delay: 4.112 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link

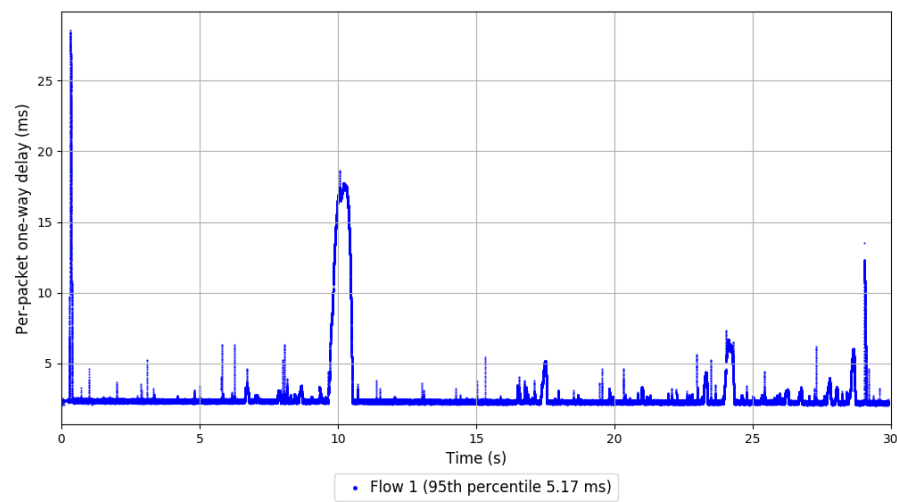
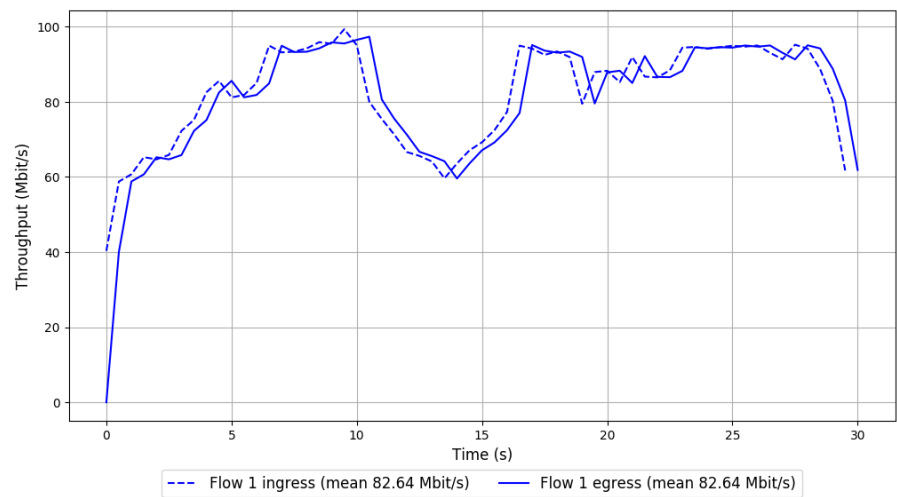


Run 5: Statistics of PCC-Allegro

Start at: 2018-05-24 04:44:37
End at: 2018-05-24 04:45:07
Local clock offset: -5.795 ms
Remote clock offset: 20.095 ms

Below is generated by plot.py at 2018-05-24 06:39:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.64 Mbit/s
95th percentile per-packet one-way delay: 5.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.64 Mbit/s
95th percentile per-packet one-way delay: 5.172 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-05-24 05:02:20

End at: 2018-05-24 05:02:50

Local clock offset: -5.835 ms

Remote clock offset: 25.7 ms

Below is generated by plot.py at 2018-05-24 06:39:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.15 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.00%

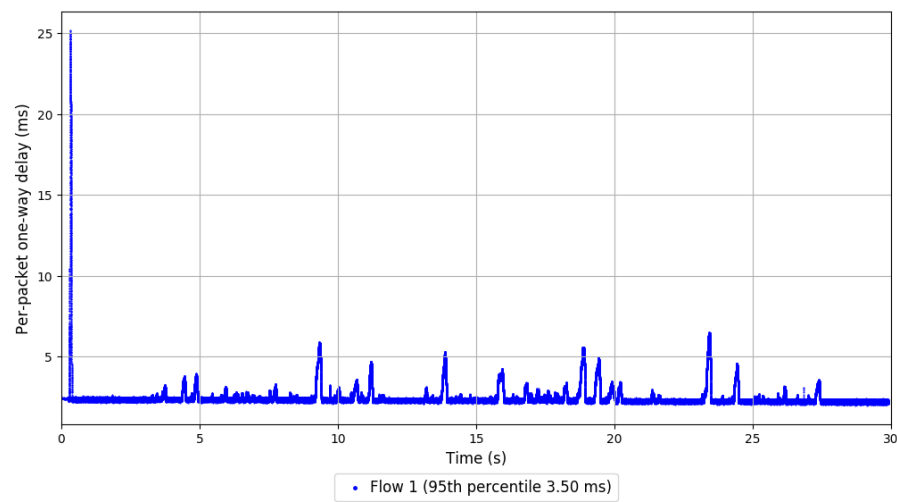
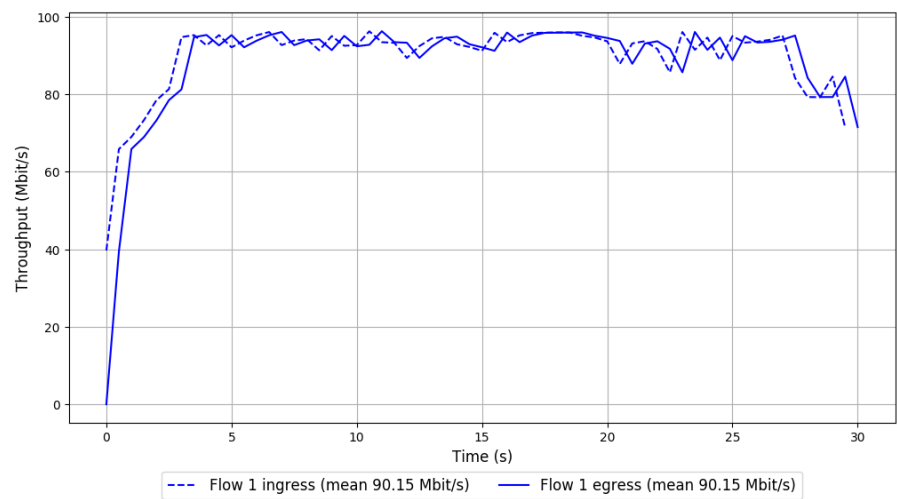
-- Flow 1:

Average throughput: 90.15 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.00%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-05-24 05:20:04

End at: 2018-05-24 05:20:34

Local clock offset: -6.85 ms

Remote clock offset: 6.204 ms

Below is generated by plot.py at 2018-05-24 06:39:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 5.093 ms

Loss rate: 0.01%

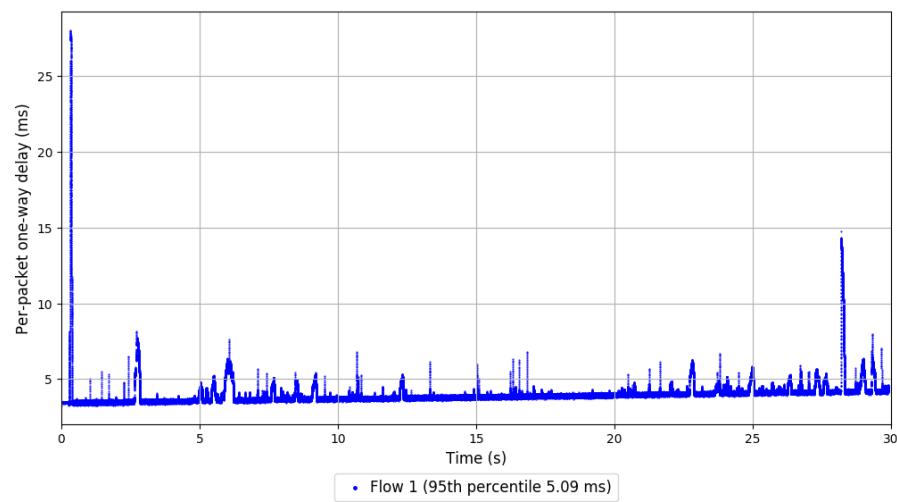
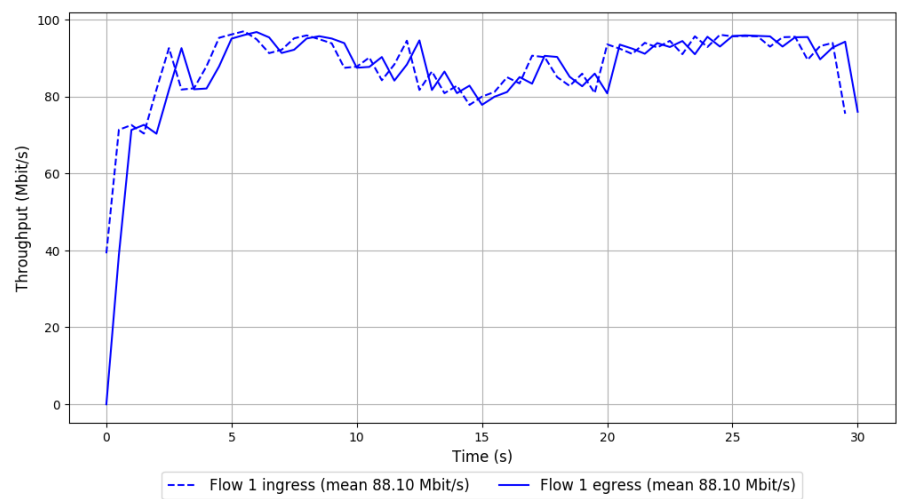
-- Flow 1:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 5.093 ms

Loss rate: 0.01%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-05-24 05:37:49

End at: 2018-05-24 05:38:19

Local clock offset: -1.835 ms

Remote clock offset: -8.369 ms

Below is generated by plot.py at 2018-05-24 06:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.00 Mbit/s

95th percentile per-packet one-way delay: 4.280 ms

Loss rate: 0.00%

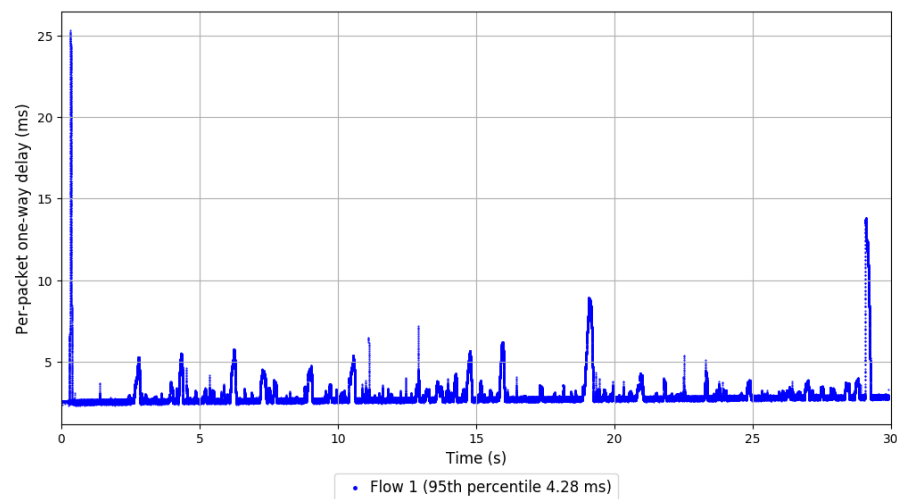
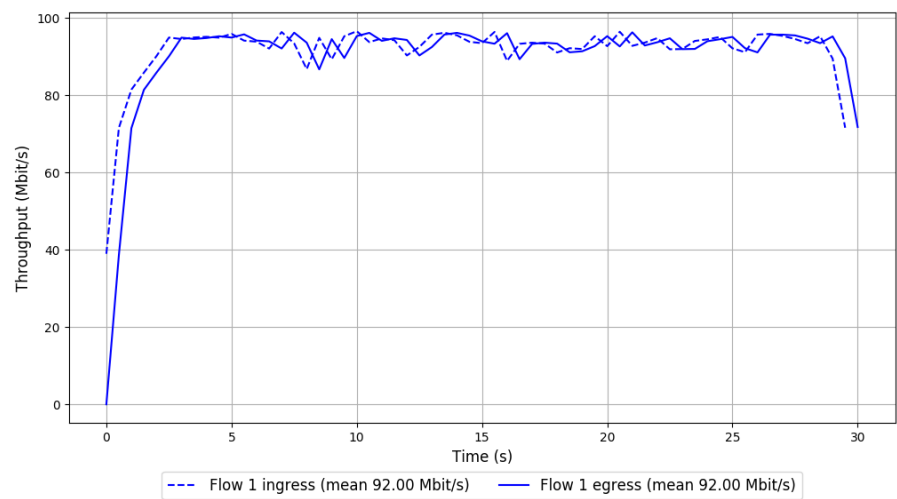
-- Flow 1:

Average throughput: 92.00 Mbit/s

95th percentile per-packet one-way delay: 4.280 ms

Loss rate: 0.00%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-05-24 05:55:32

End at: 2018-05-24 05:56:02

Local clock offset: 0.251 ms

Remote clock offset: -10.261 ms

Below is generated by plot.py at 2018-05-24 06:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 1.538 ms

Loss rate: 0.00%

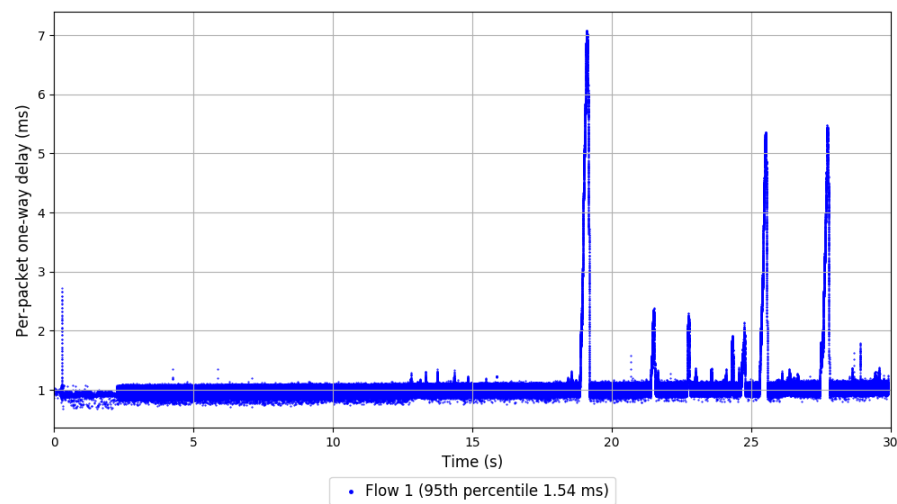
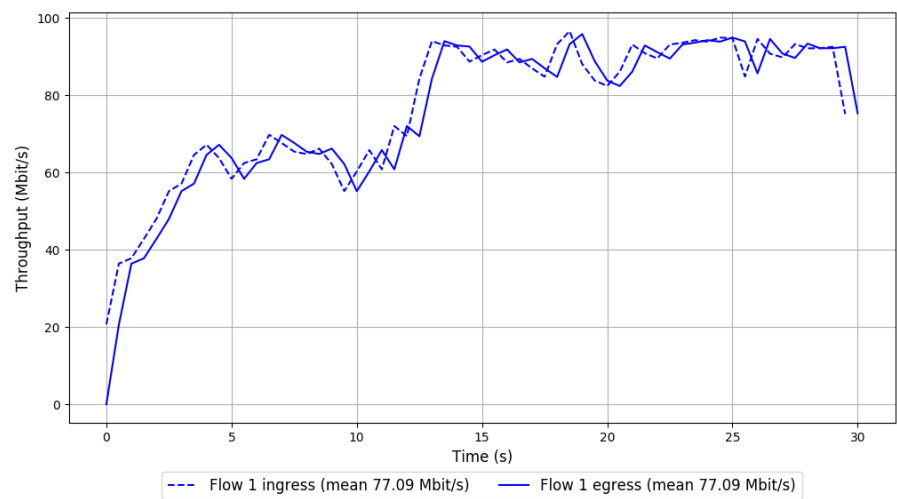
-- Flow 1:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 1.538 ms

Loss rate: 0.00%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-05-24 06:13:15

End at: 2018-05-24 06:13:45

Local clock offset: 1.552 ms

Remote clock offset: -12.547 ms

Below is generated by plot.py at 2018-05-24 06:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.71 Mbit/s

95th percentile per-packet one-way delay: 2.701 ms

Loss rate: 0.00%

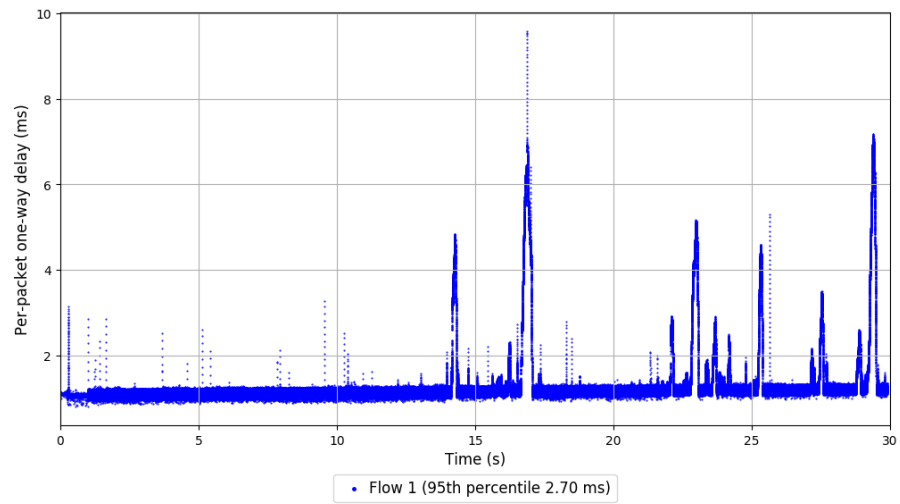
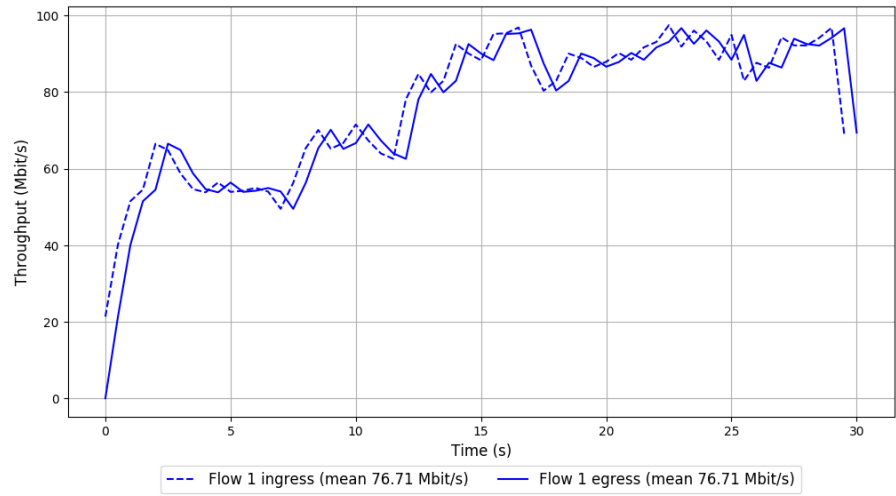
-- Flow 1:

Average throughput: 76.71 Mbit/s

95th percentile per-packet one-way delay: 2.701 ms

Loss rate: 0.00%

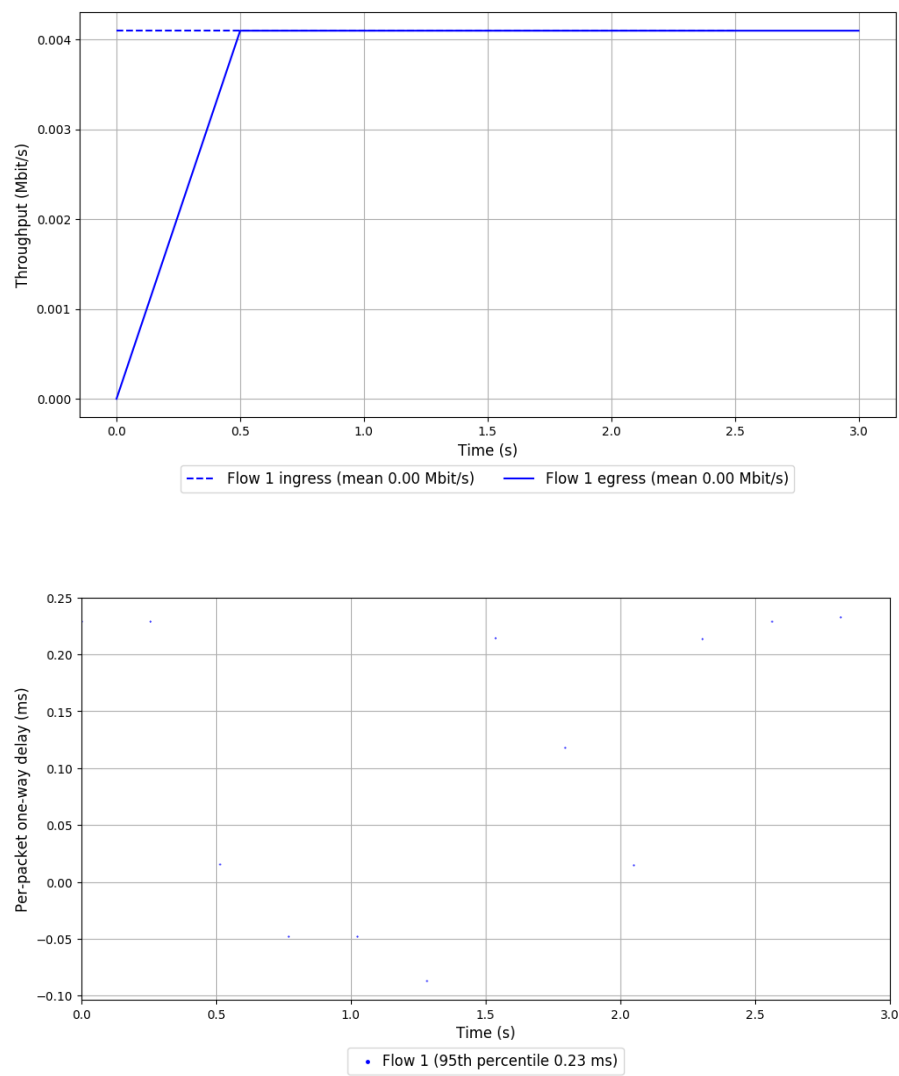
Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-24 03:28:13
End at: 2018-05-24 03:28:43
Local clock offset: -5.539 ms
Remote clock offset: -0.623 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

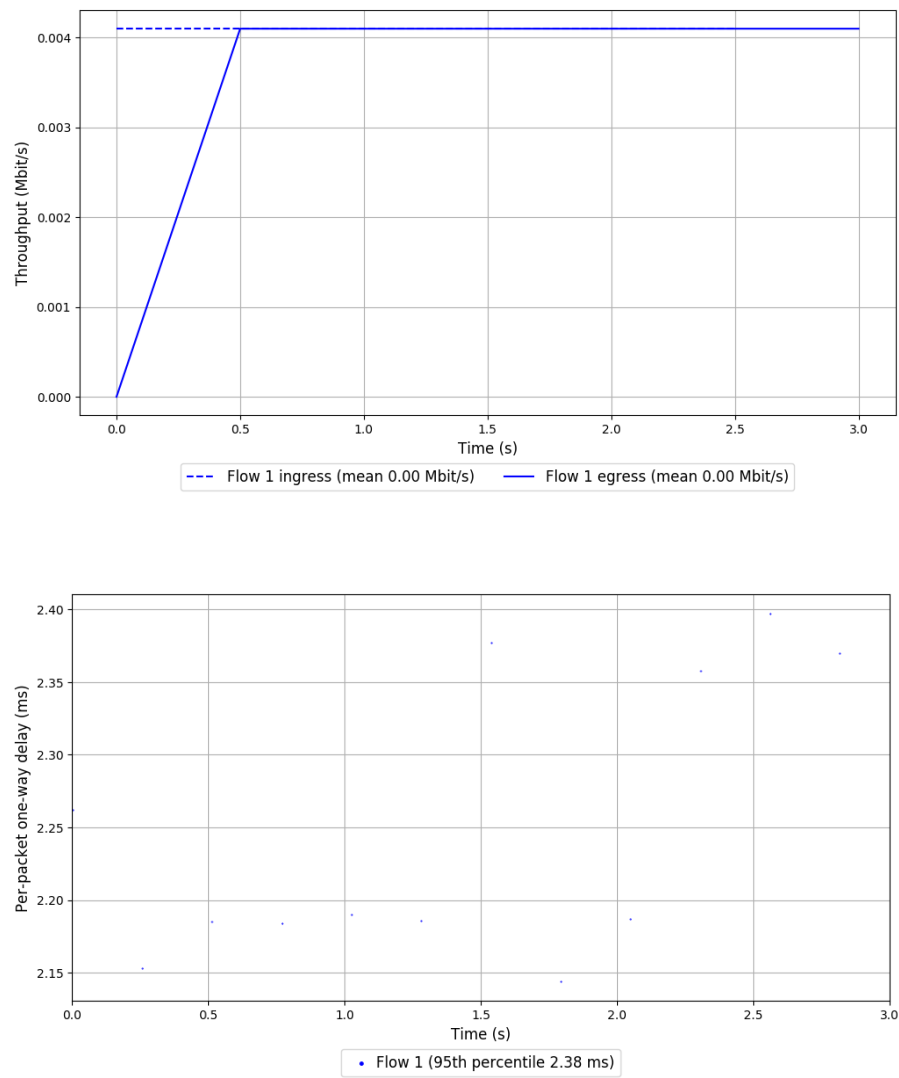
Start at: 2018-05-24 03:45:53

End at: 2018-05-24 03:46:23

Local clock offset: -6.083 ms

Remote clock offset: -6.609 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

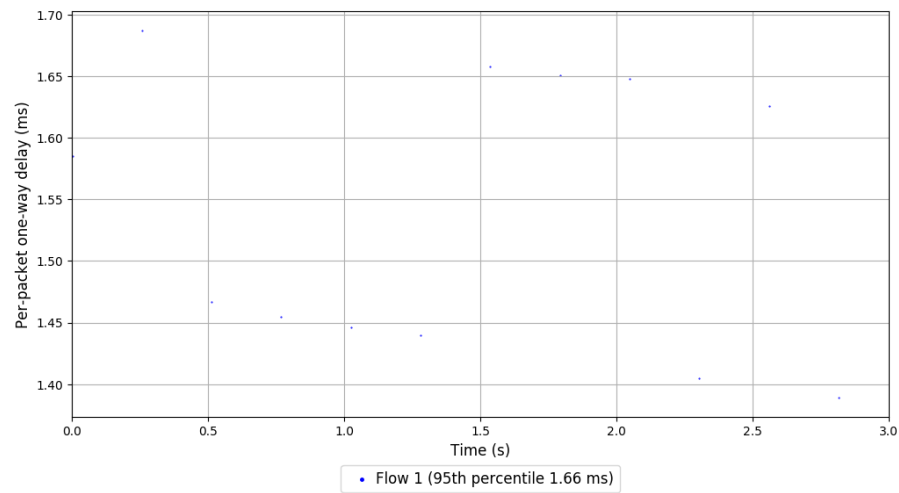
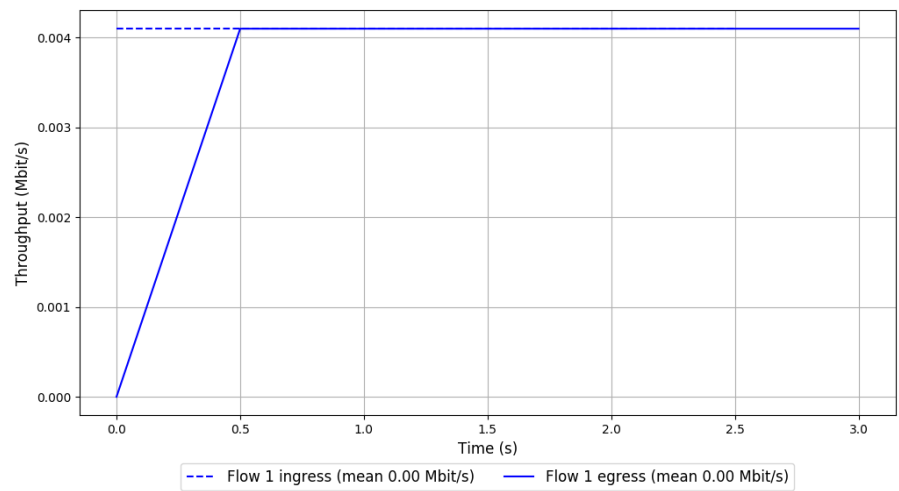
Start at: 2018-05-24 04:03:37

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

Local clock offset: -7.057 ms

Remote clock offset: -6.752 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

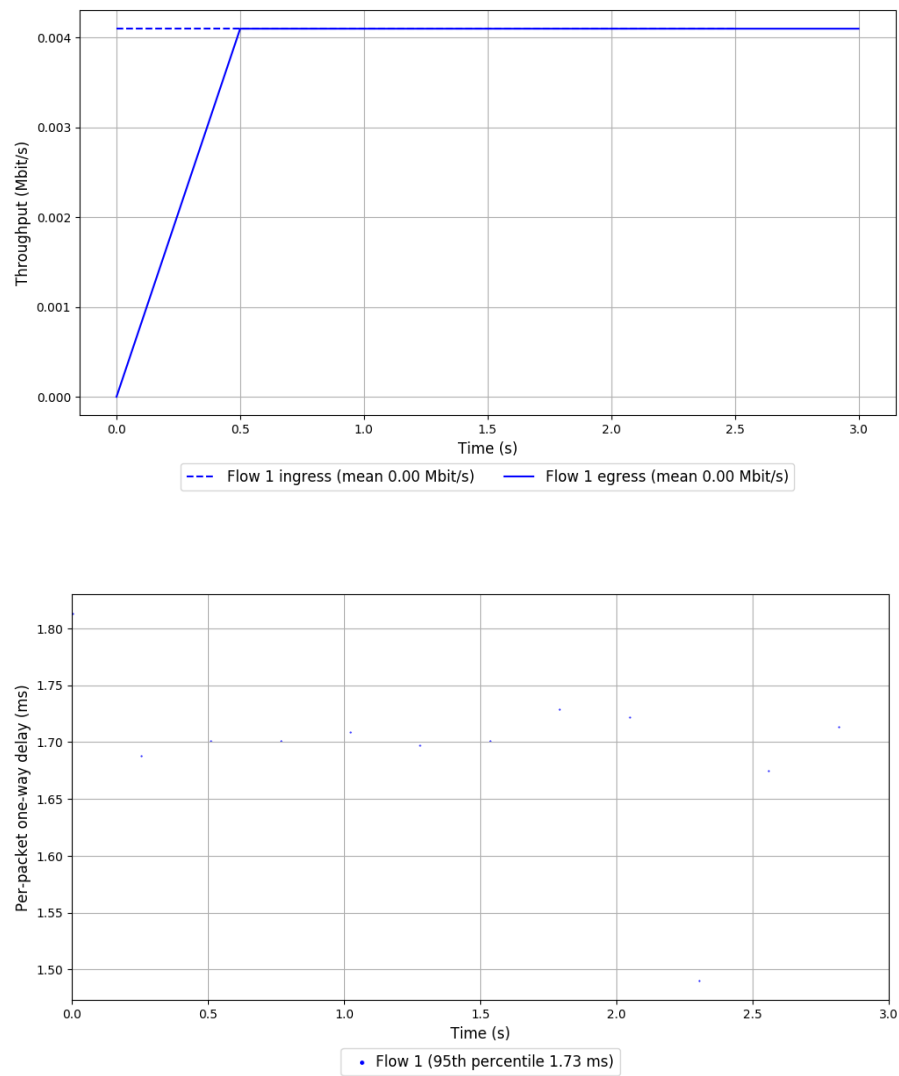
Start at: 2018-05-24 04:21:21

End at: 2018-05-24 04:21:51

Local clock offset: -5.594 ms

Remote clock offset: 11.499 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

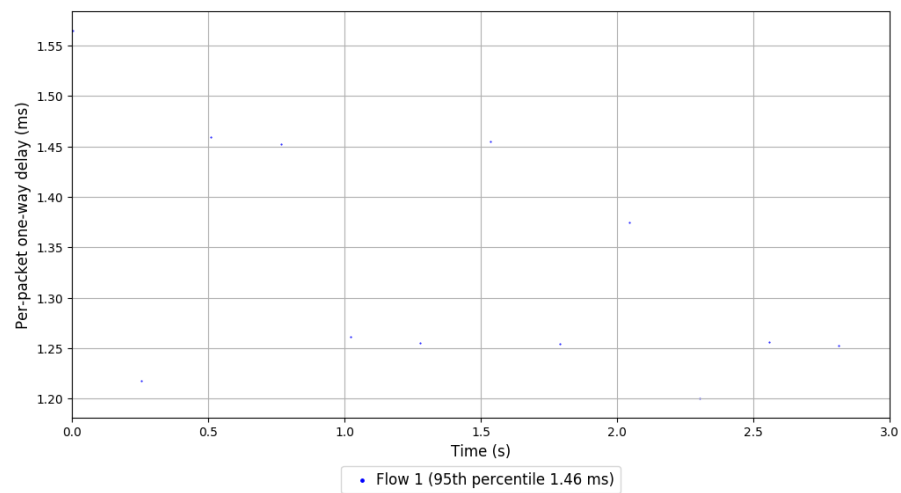
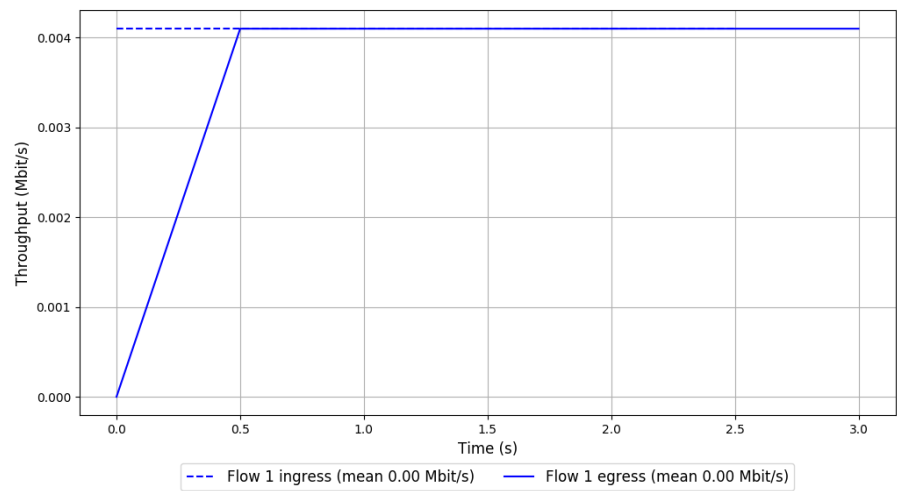
Start at: 2018-05-24 04:39:05

End at: 2018-05-24 04:39:35

Local clock offset: -6.552 ms

Remote clock offset: 18.202 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

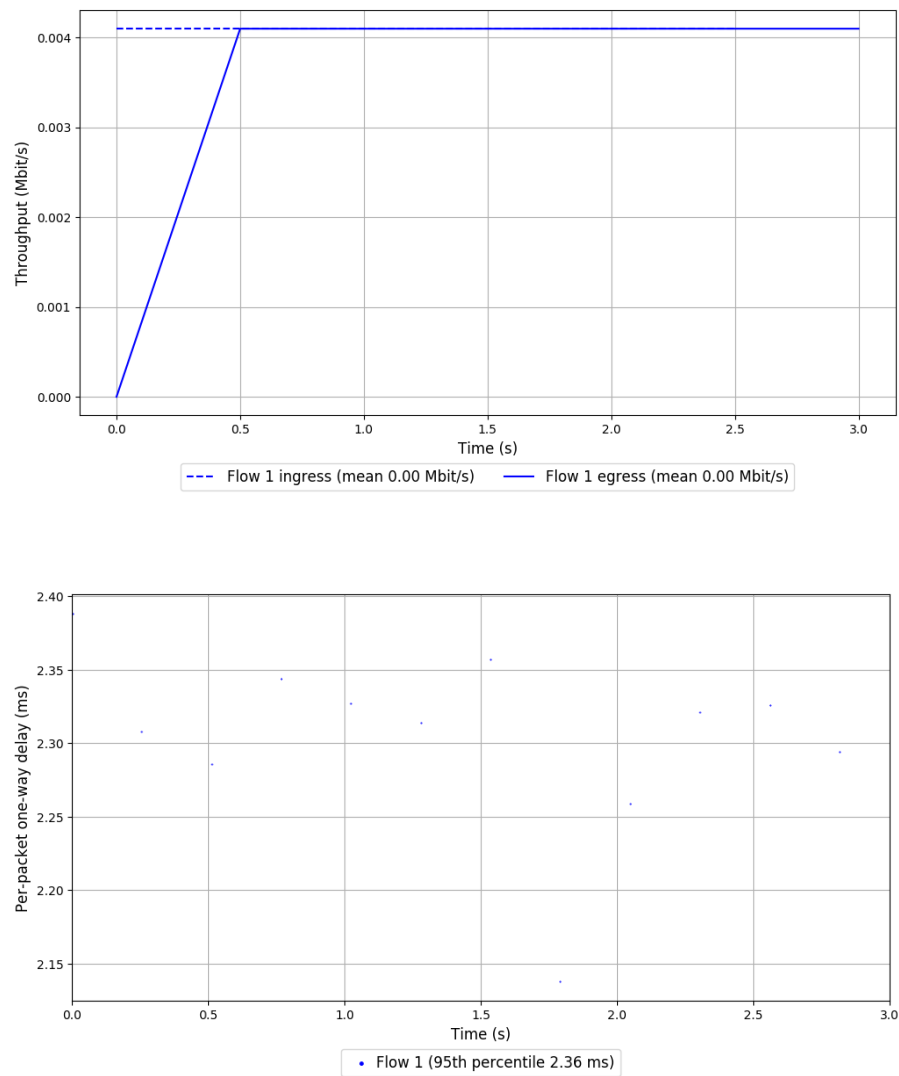
Start at: 2018-05-24 04:56:48

End at: 2018-05-24 04:57:18

Local clock offset: -5.682 ms

Remote clock offset: 23.942 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

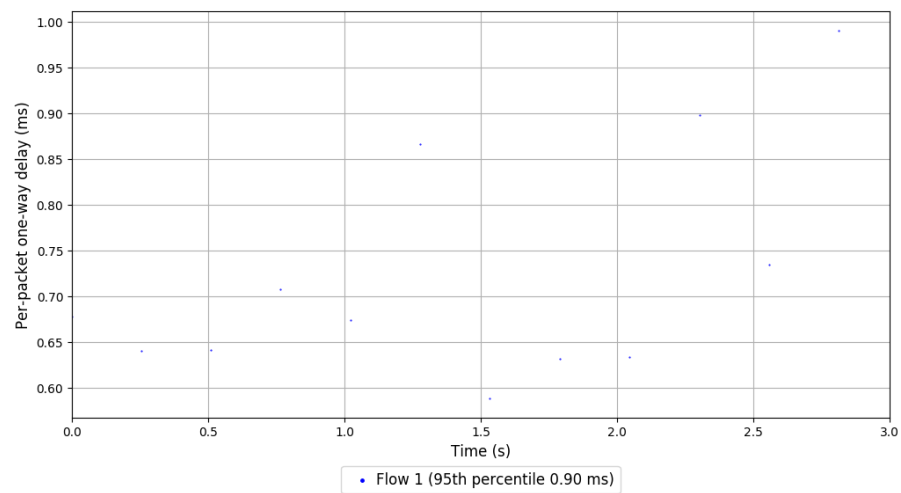
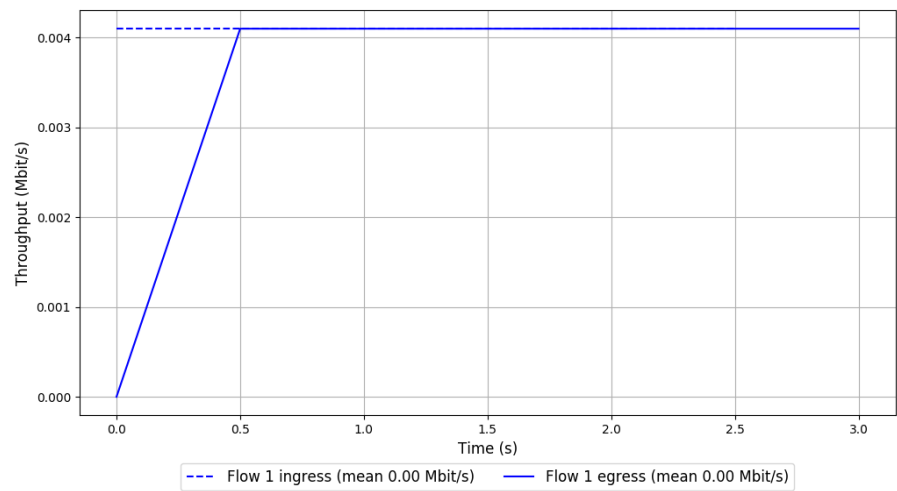
Start at: 2018-05-24 05:14:32

End at: 2018-05-24 05:15:02

Local clock offset: -5.241 ms

Remote clock offset: 18.158 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

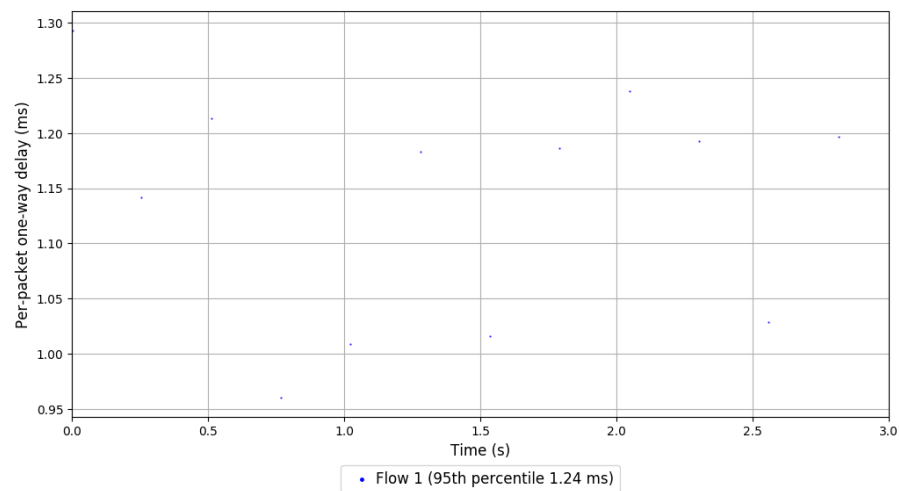
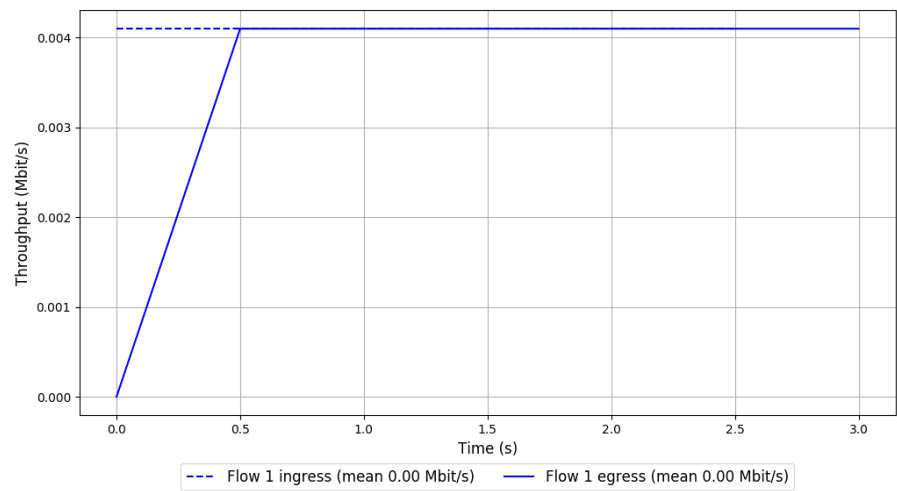
Start at: 2018-05-24 05:32:16

End at: 2018-05-24 05:32:46

Local clock offset: -3.281 ms

Remote clock offset: -5.626 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

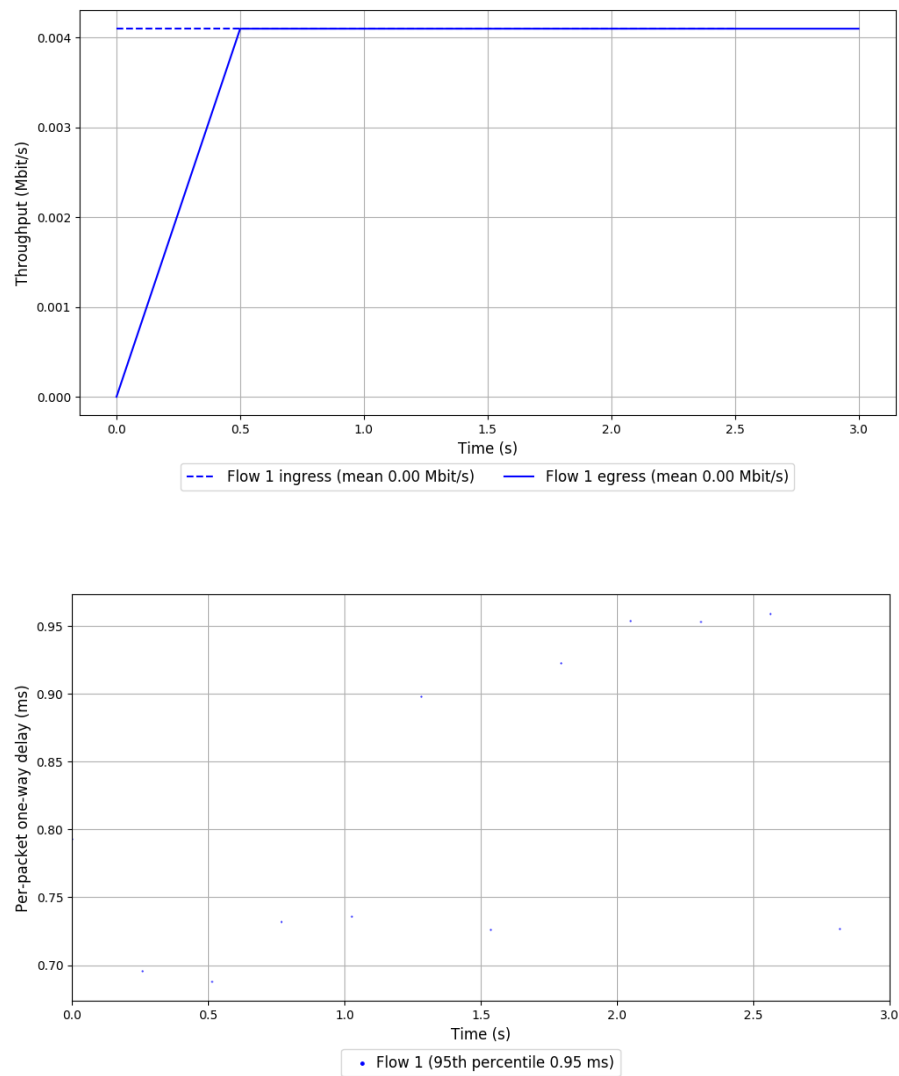
Start at: 2018-05-24 05:50:00

End at: 2018-05-24 05:50:30

Local clock offset: -0.178 ms

Remote clock offset: -10.37 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

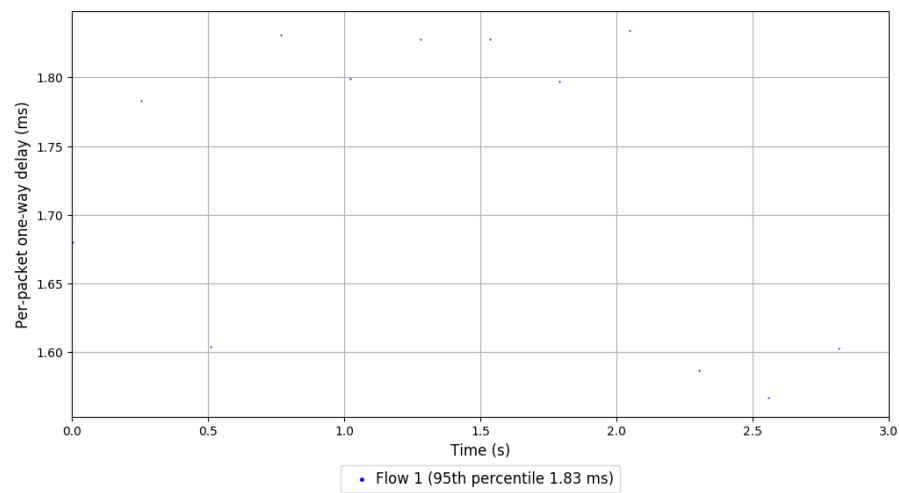
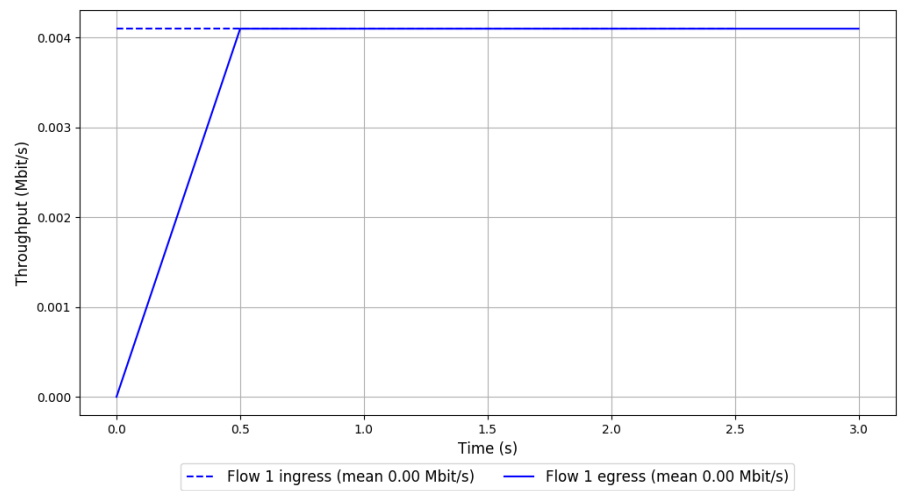
Start at: 2018-05-24 06:07:43

End at: 2018-05-24 06:08:13

Local clock offset: 0.456 ms

Remote clock offset: -11.6 ms

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

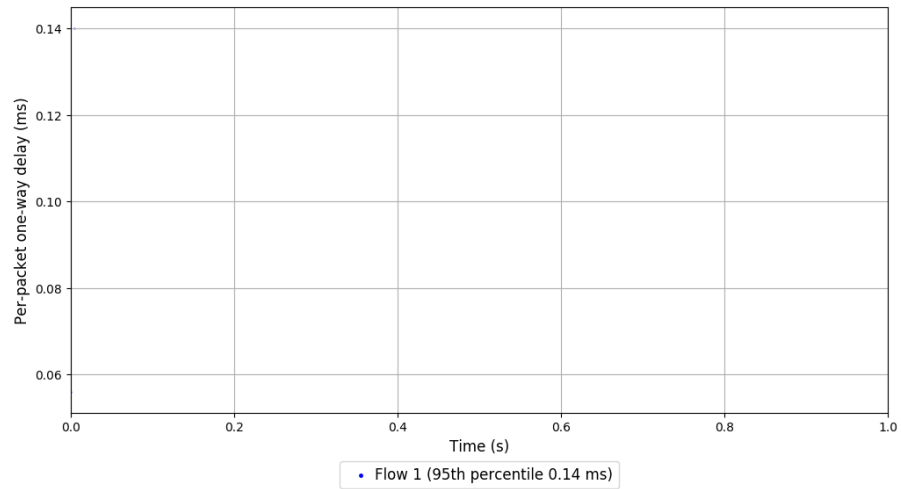
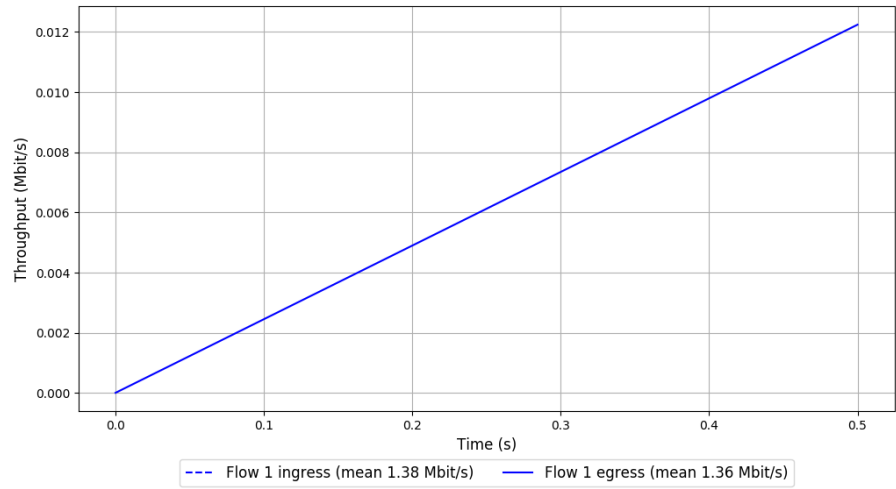
Start at: 2018-05-24 03:38:01

End at: 2018-05-24 03:38:31

Local clock offset: -5.327 ms

Remote clock offset: -4.903 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-05-24 03:55:42

End at: 2018-05-24 03:56:12

Local clock offset: -6.164 ms

Remote clock offset: -7.61 ms

Below is generated by plot.py at 2018-05-24 06:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.03 Mbit/s

95th percentile per-packet one-way delay: 3.111 ms

Loss rate: 0.12%

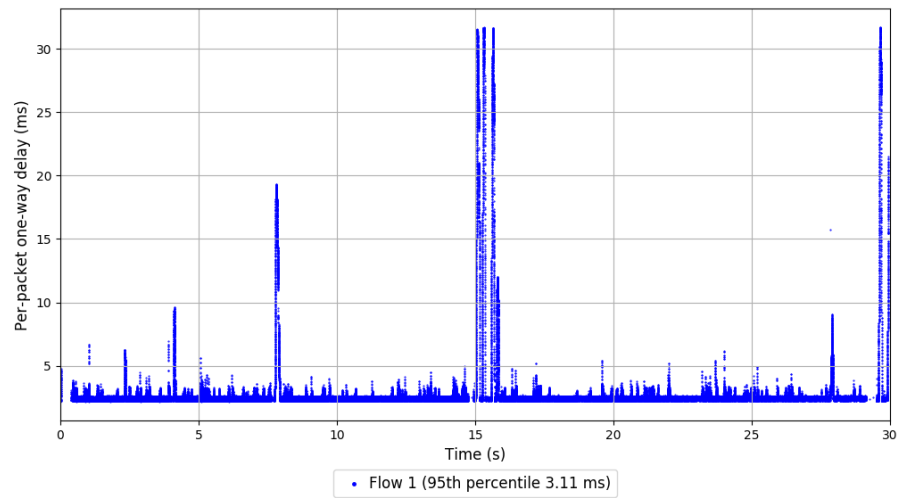
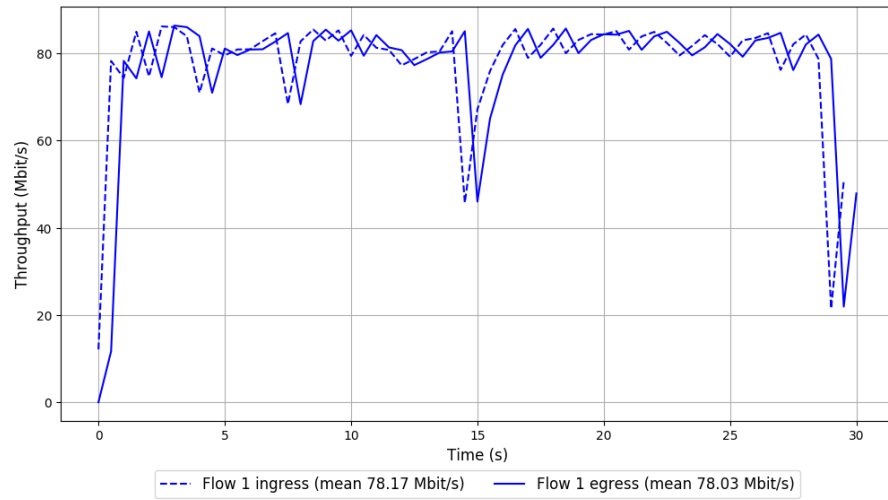
-- Flow 1:

Average throughput: 78.03 Mbit/s

95th percentile per-packet one-way delay: 3.111 ms

Loss rate: 0.12%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-05-24 04:13:26

End at: 2018-05-24 04:13:56

Local clock offset: -7.093 ms

Remote clock offset: 6.125 ms

Below is generated by plot.py at 2018-05-24 06:39:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 3.366 ms

Loss rate: 0.19%

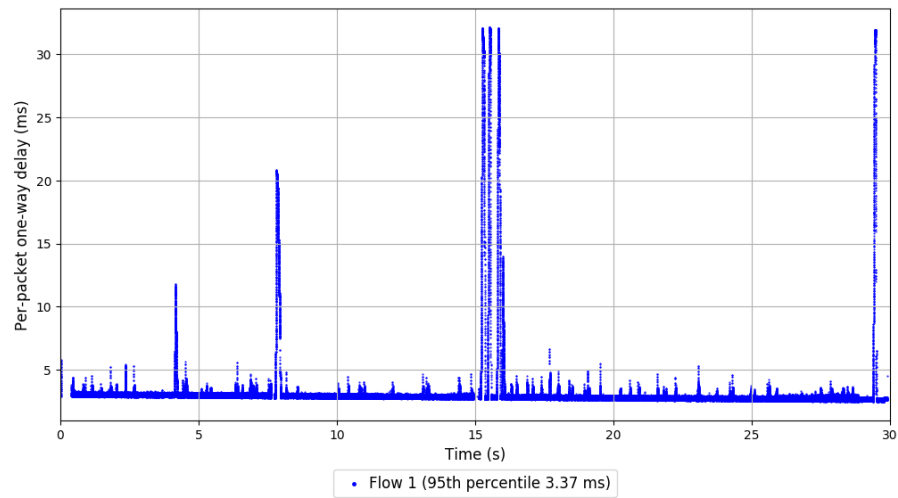
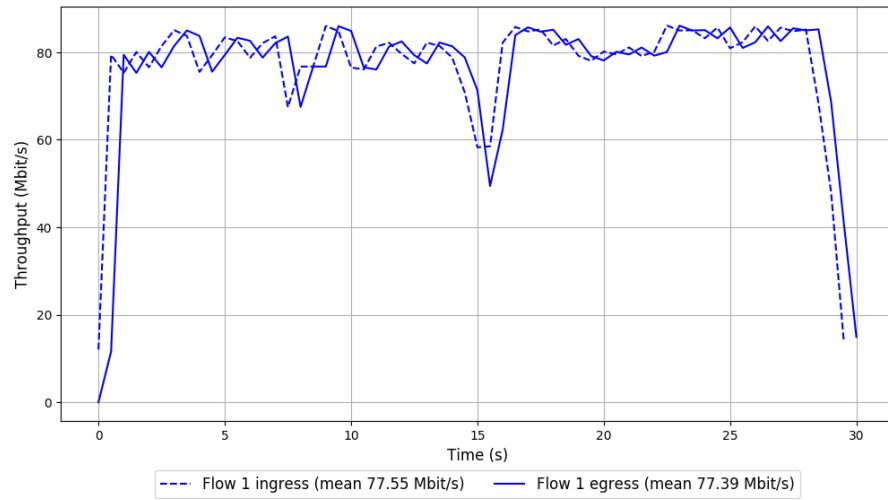
-- Flow 1:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 3.366 ms

Loss rate: 0.19%

Run 3: Report of QUIC Cubic — Data Link

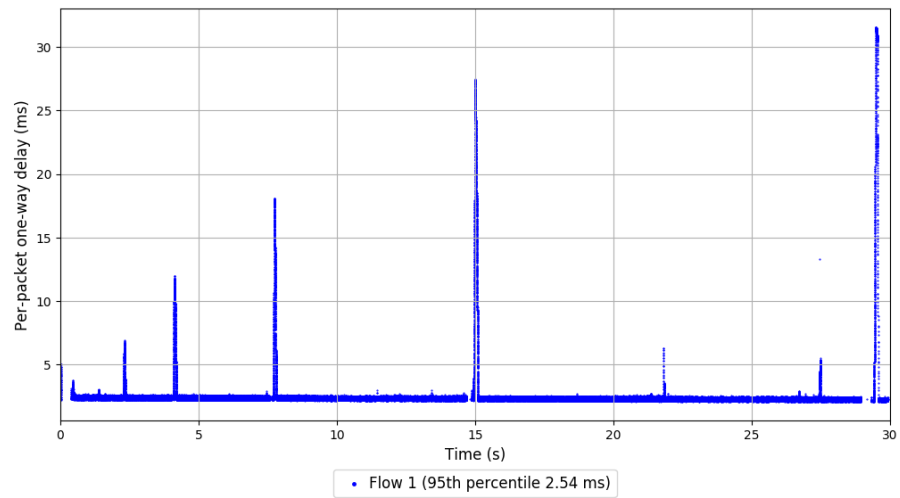
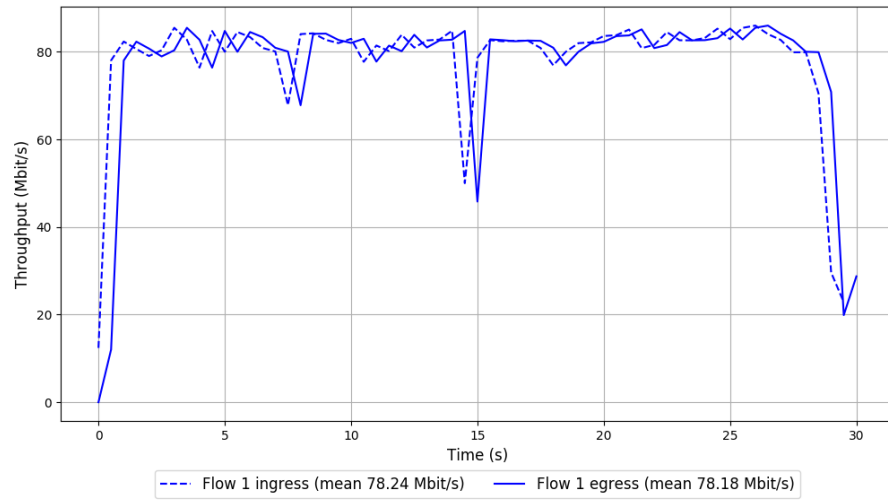


Run 4: Statistics of QUIC Cubic

Start at: 2018-05-24 04:31:09
End at: 2018-05-24 04:31:39
Local clock offset: -6.063 ms
Remote clock offset: 15.632 ms

Below is generated by plot.py at 2018-05-24 06:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 2.537 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 2.537 ms
Loss rate: 0.08%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-05-24 04:48:53

End at: 2018-05-24 04:49:23

Local clock offset: -5.684 ms

Remote clock offset: 21.421 ms

Below is generated by plot.py at 2018-05-24 06:40:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.11 Mbit/s

95th percentile per-packet one-way delay: 3.536 ms

Loss rate: 0.40%

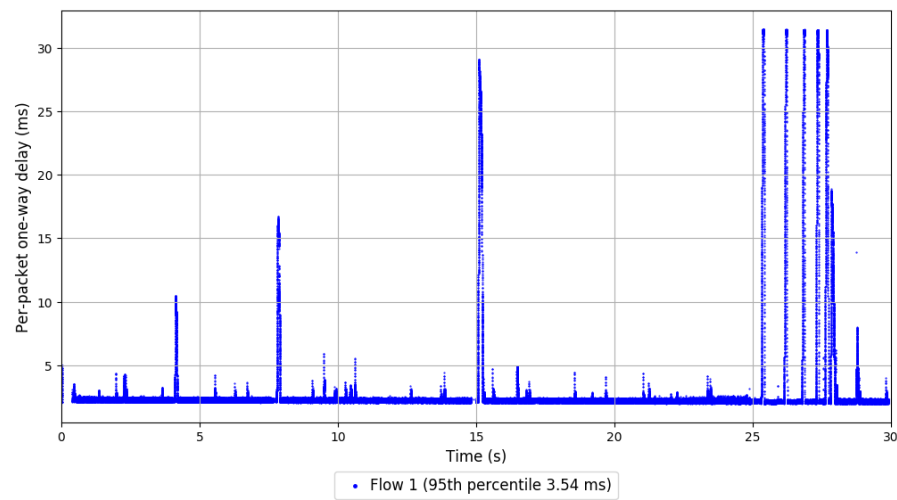
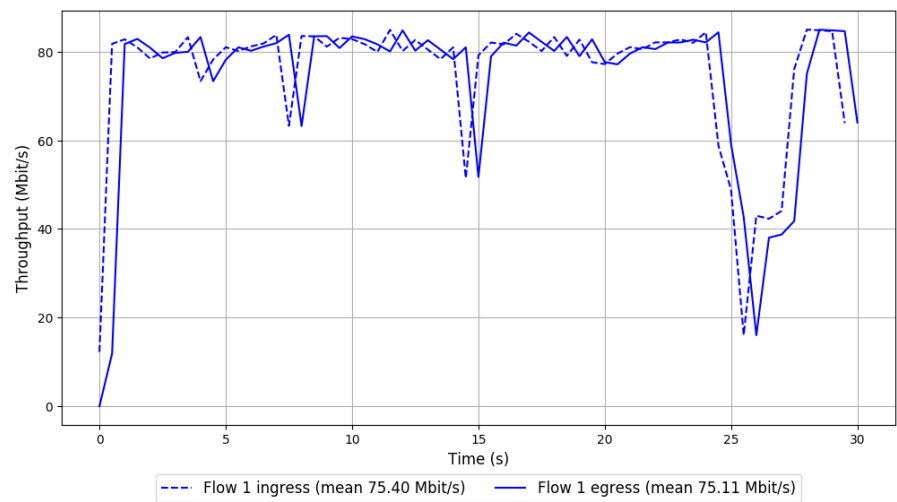
-- Flow 1:

Average throughput: 75.11 Mbit/s

95th percentile per-packet one-way delay: 3.536 ms

Loss rate: 0.40%

Run 5: Report of QUIC Cubic — Data Link

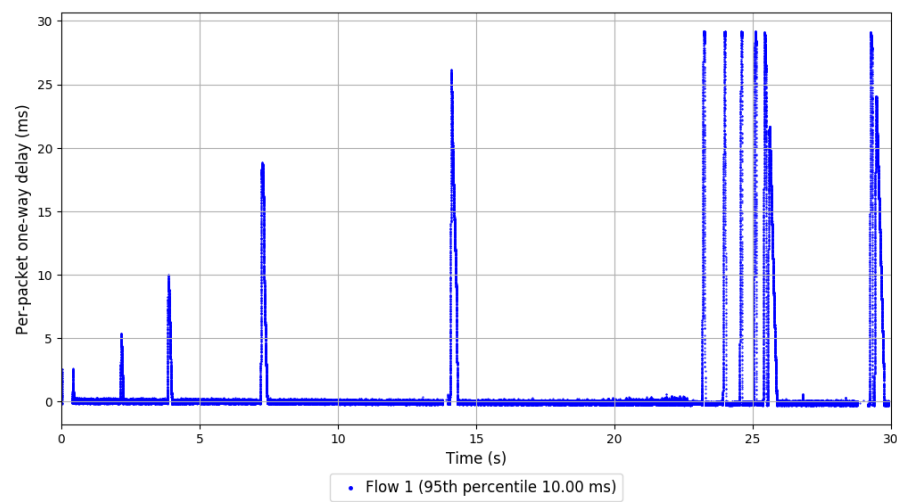
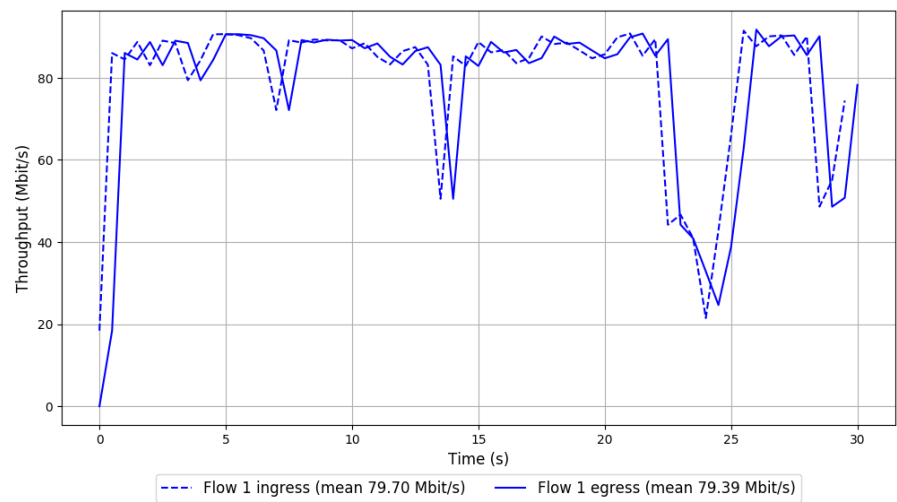


Run 6: Statistics of QUIC Cubic

Start at: 2018-05-24 05:06:37
End at: 2018-05-24 05:07:07
Local clock offset: -5.144 ms
Remote clock offset: 26.857 ms

Below is generated by plot.py at 2018-05-24 06:40:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.39 Mbit/s
95th percentile per-packet one-way delay: 10.000 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 79.39 Mbit/s
95th percentile per-packet one-way delay: 10.000 ms
Loss rate: 0.38%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-05-24 05:24:21

End at: 2018-05-24 05:24:51

Local clock offset: -6.043 ms

Remote clock offset: 0.653 ms

Below is generated by plot.py at 2018-05-24 06:40:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.20 Mbit/s

95th percentile per-packet one-way delay: 7.958 ms

Loss rate: 0.30%

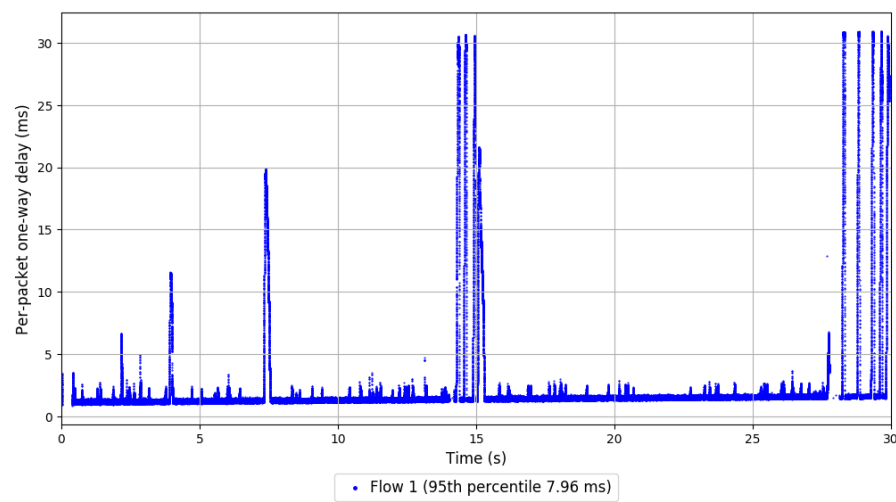
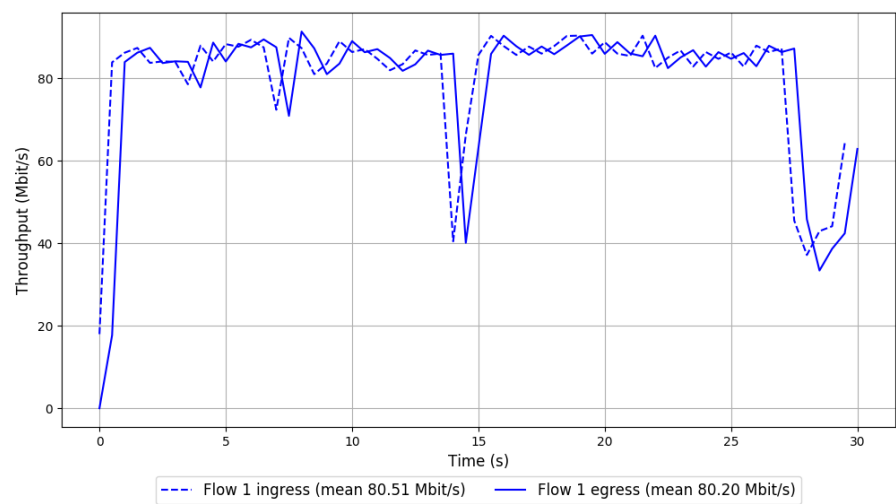
-- Flow 1:

Average throughput: 80.20 Mbit/s

95th percentile per-packet one-way delay: 7.958 ms

Loss rate: 0.30%

Run 7: Report of QUIC Cubic — Data Link

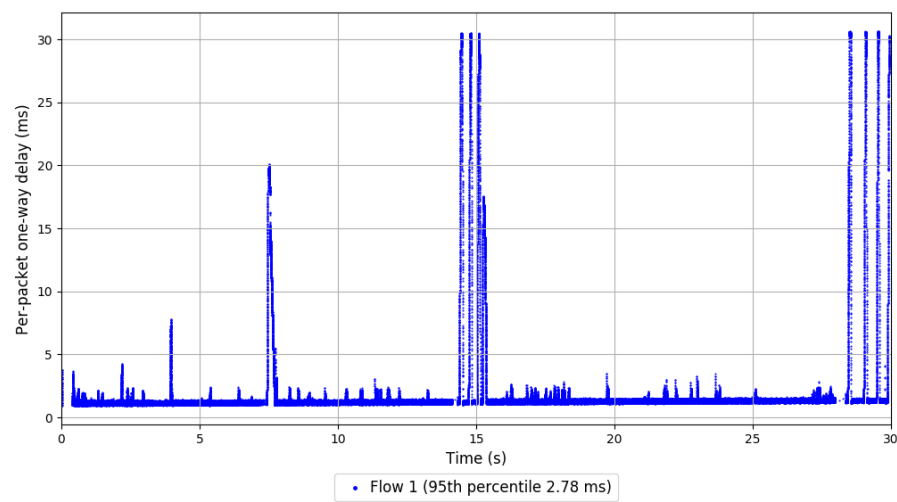
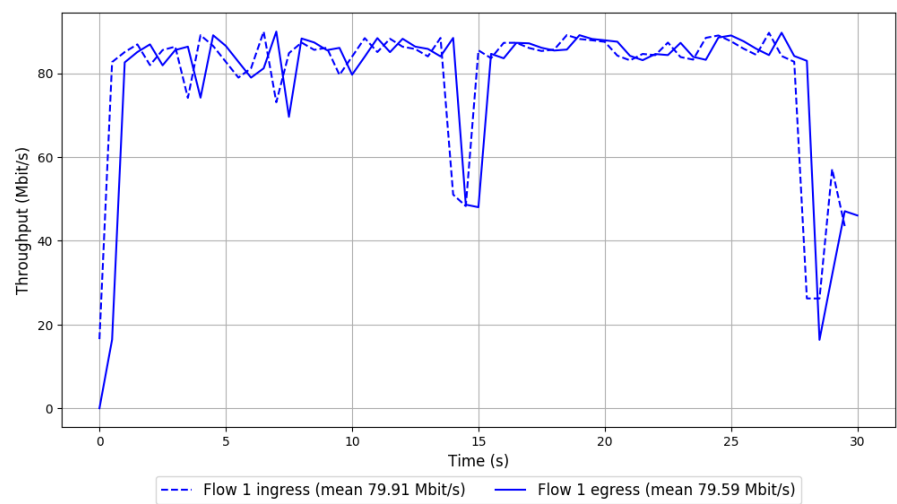


Run 8: Statistics of QUIC Cubic

Start at: 2018-05-24 05:42:05
End at: 2018-05-24 05:42:35
Local clock offset: -1.105 ms
Remote clock offset: -10.034 ms

Below is generated by plot.py at 2018-05-24 06:40:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 2.781 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 2.781 ms
Loss rate: 0.32%

Run 8: Report of QUIC Cubic — Data Link

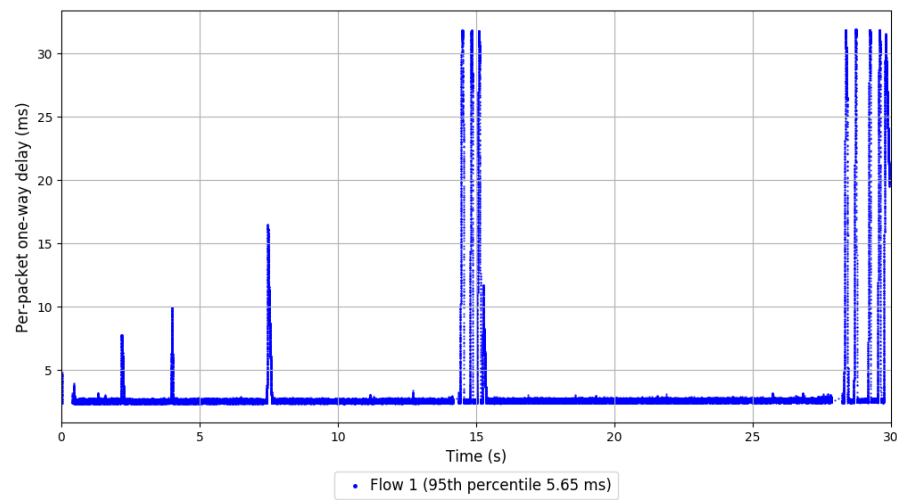
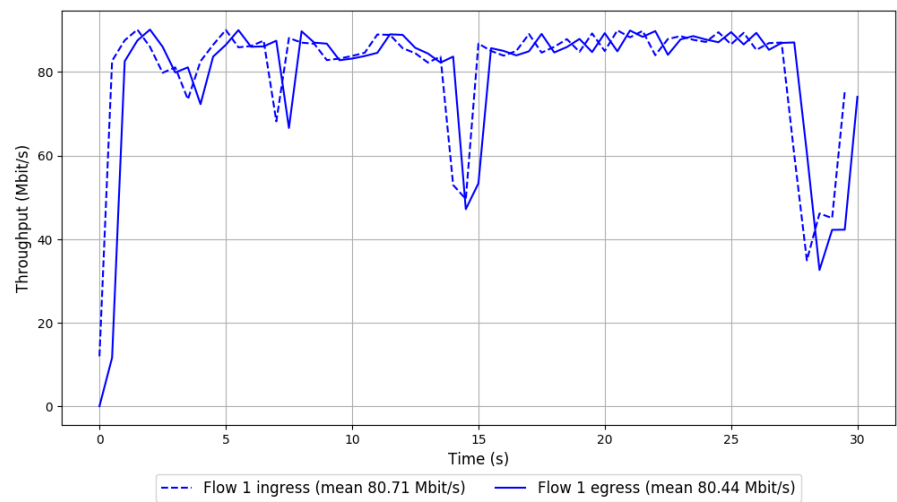


Run 9: Statistics of QUIC Cubic

Start at: 2018-05-24 05:59:48
End at: 2018-05-24 06:00:18
Local clock offset: 0.592 ms
Remote clock offset: -10.532 ms

Below is generated by plot.py at 2018-05-24 06:40:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 5.648 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 5.648 ms
Loss rate: 0.28%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-05-24 06:17:32

End at: 2018-05-24 06:18:02

Local clock offset: 1.831 ms

Remote clock offset: -13.468 ms

Below is generated by plot.py at 2018-05-24 06:41:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.36 Mbit/s

95th percentile per-packet one-way delay: 3.075 ms

Loss rate: 0.12%

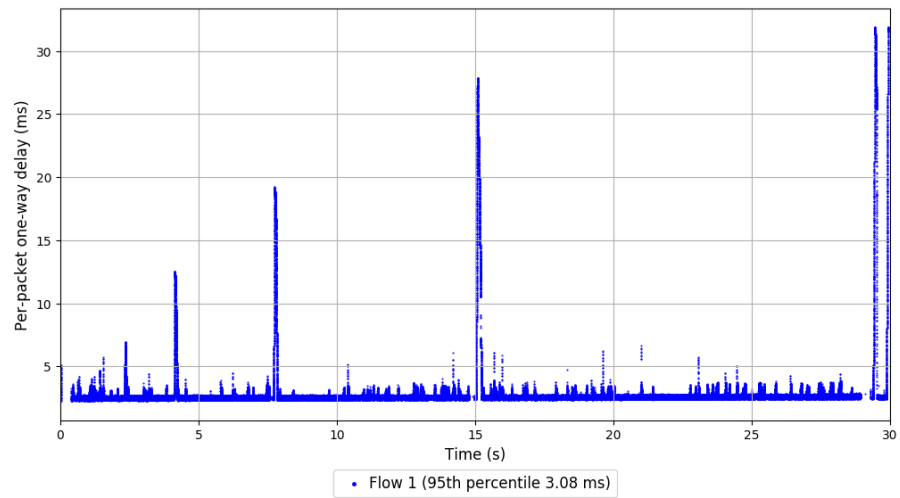
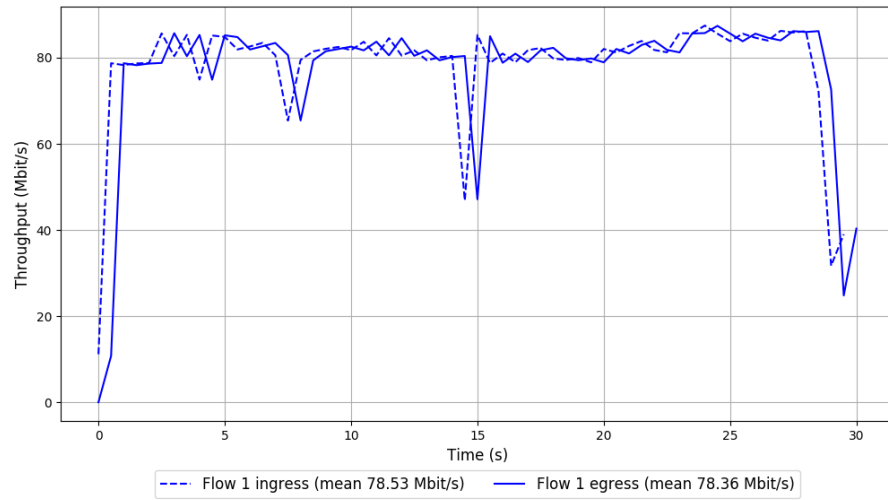
-- Flow 1:

Average throughput: 78.36 Mbit/s

95th percentile per-packet one-way delay: 3.075 ms

Loss rate: 0.12%

Run 10: Report of QUIC Cubic — Data Link

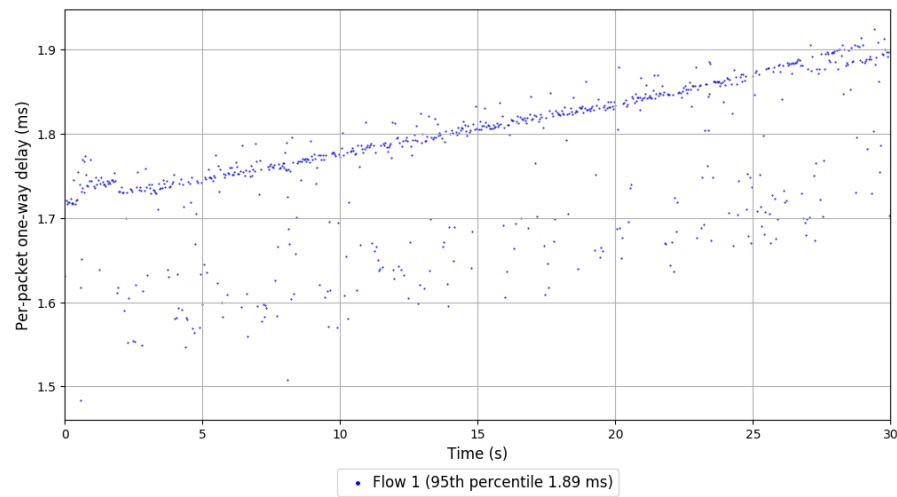
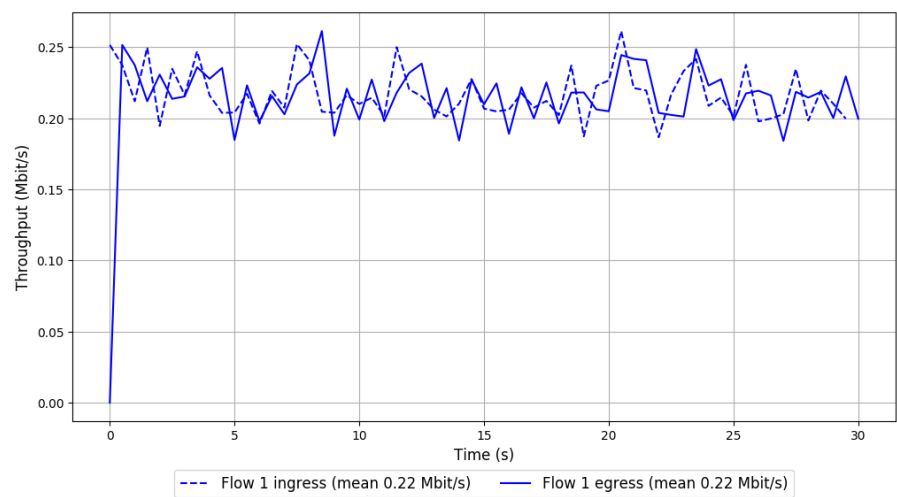


Run 1: Statistics of SCReAM

Start at: 2018-05-24 03:35:54
End at: 2018-05-24 03:36:24
Local clock offset: -5.344 ms
Remote clock offset: -4.251 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.888 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.888 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

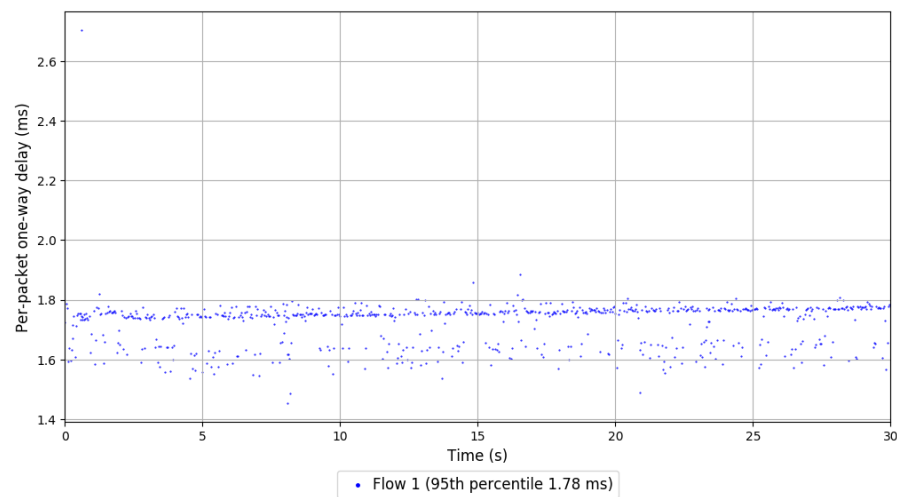
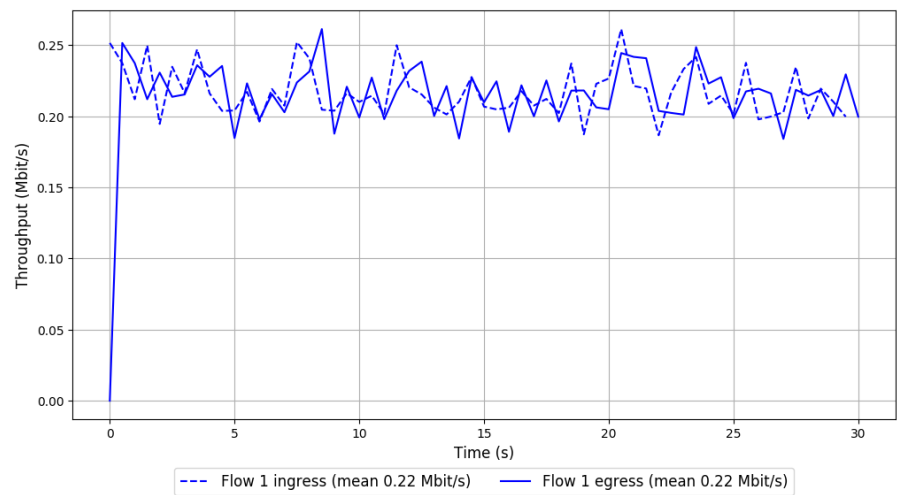


Run 2: Statistics of SCReAM

Start at: 2018-05-24 03:53:35
End at: 2018-05-24 03:54:05
Local clock offset: -6.899 ms
Remote clock offset: -7.354 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.784 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-05-24 04:11:19

End at: 2018-05-24 04:11:49

Local clock offset: -6.251 ms

Remote clock offset: 4.075 ms

Below is generated by plot.py at 2018-05-24 06:41:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.640 ms

Loss rate: 0.00%

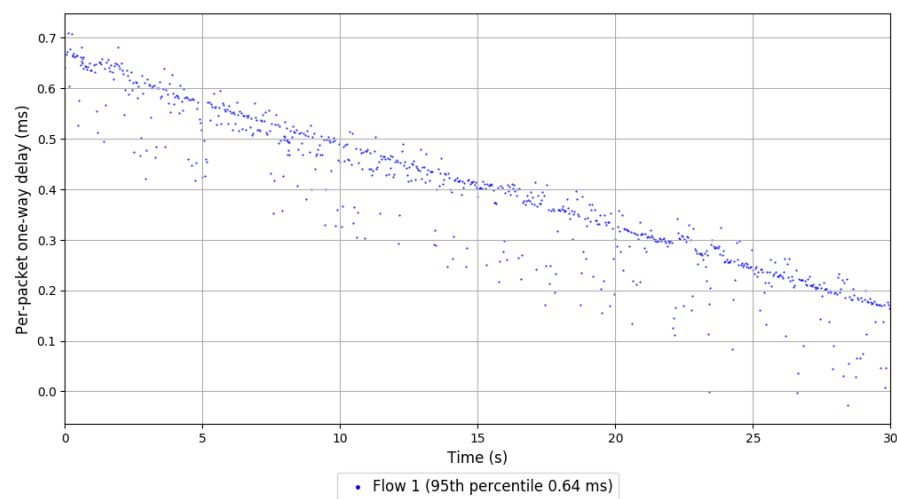
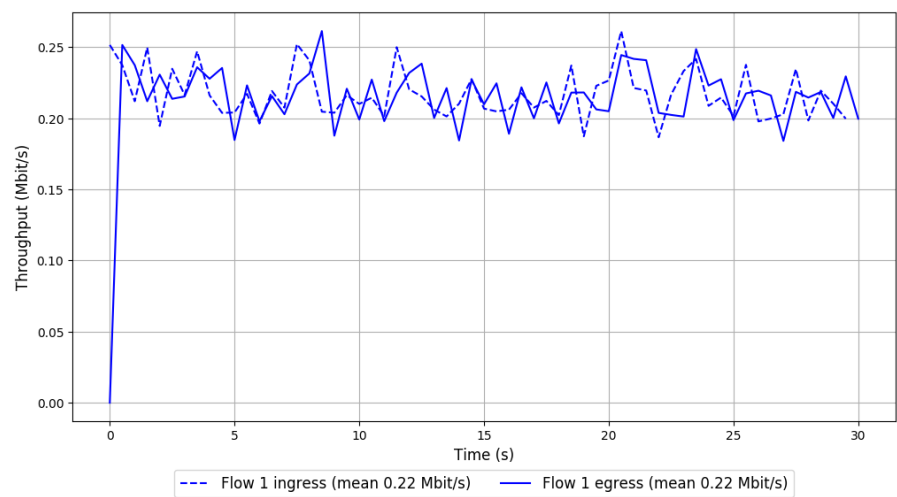
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.640 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

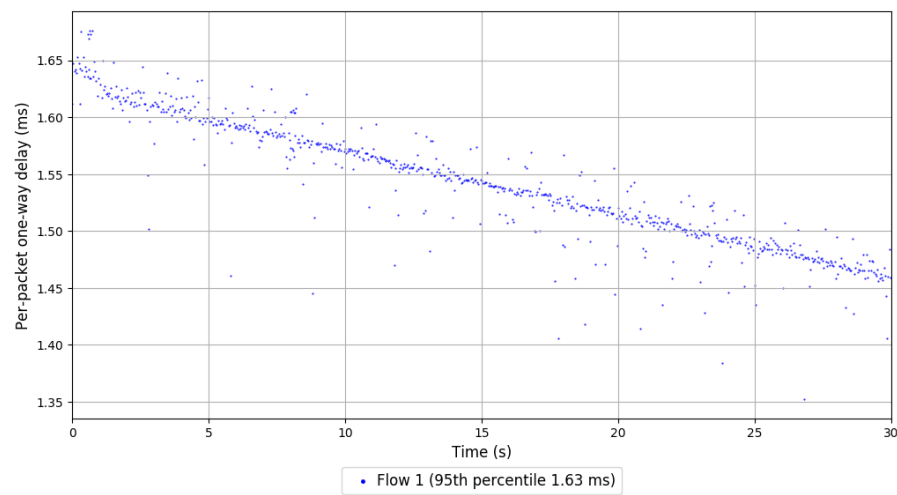
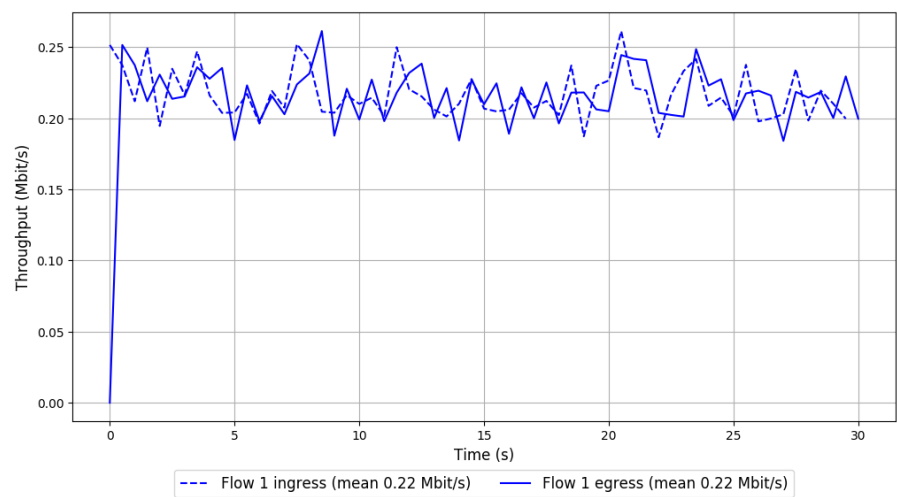


Run 4: Statistics of SCReAM

Start at: 2018-05-24 04:29:02
End at: 2018-05-24 04:29:32
Local clock offset: -5.415 ms
Remote clock offset: 14.796 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.626 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.626 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

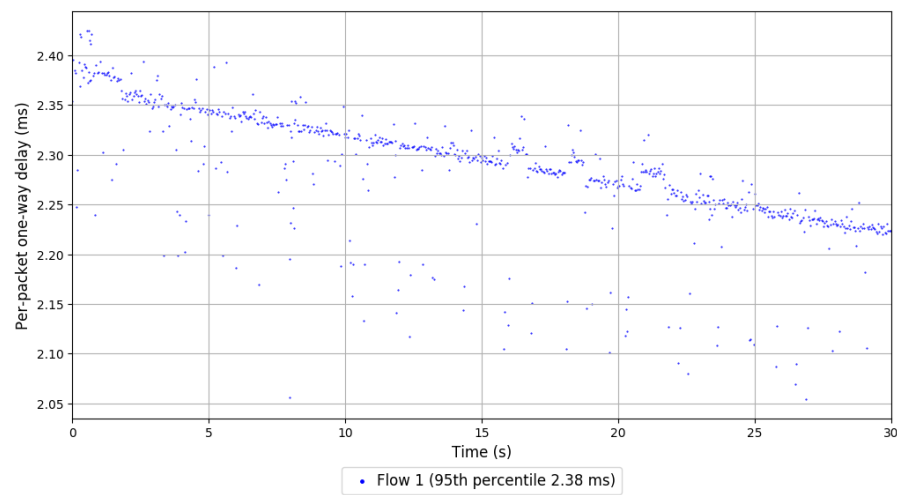
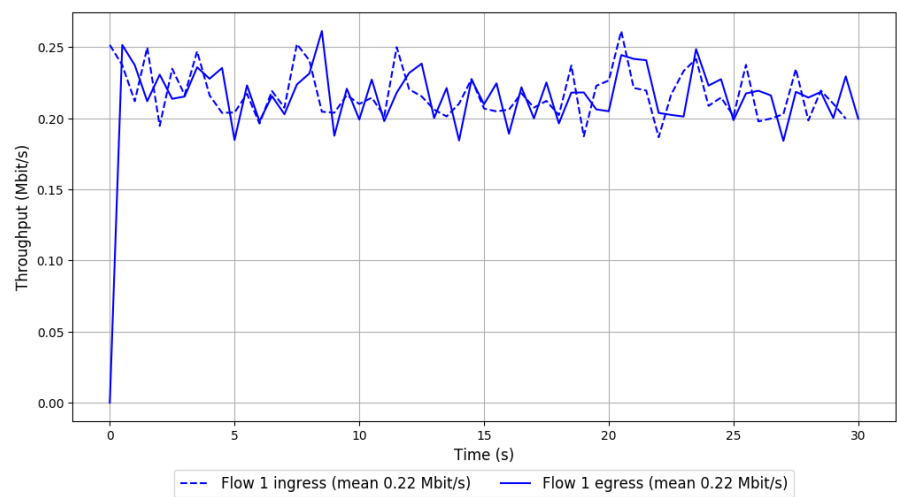


Run 5: Statistics of SCReAM

Start at: 2018-05-24 04:46:46
End at: 2018-05-24 04:47:16
Local clock offset: -5.762 ms
Remote clock offset: 20.778 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.377 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

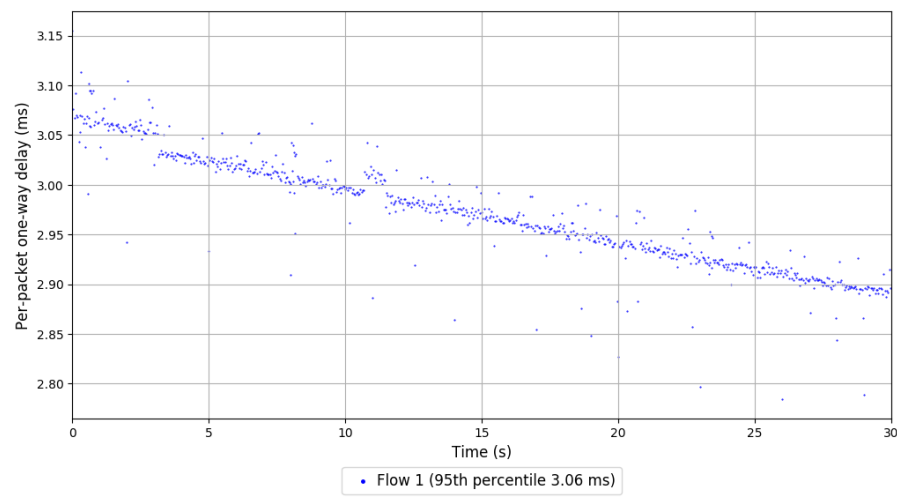
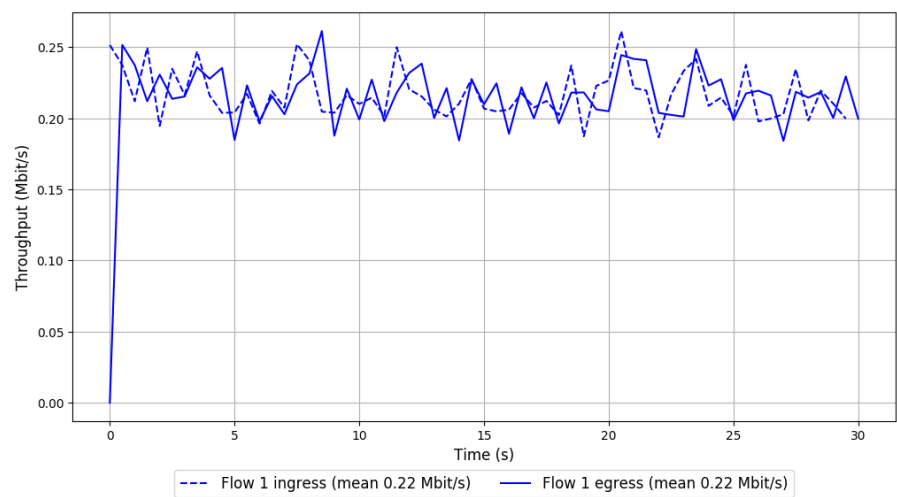


Run 6: Statistics of SCReAM

Start at: 2018-05-24 05:04:30
End at: 2018-05-24 05:05:00
Local clock offset: -6.633 ms
Remote clock offset: 26.263 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-05-24 05:22:14

End at: 2018-05-24 05:22:44

Local clock offset: -6.866 ms

Remote clock offset: 3.321 ms

Below is generated by plot.py at 2018-05-24 06:41:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.730 ms

Loss rate: 0.00%

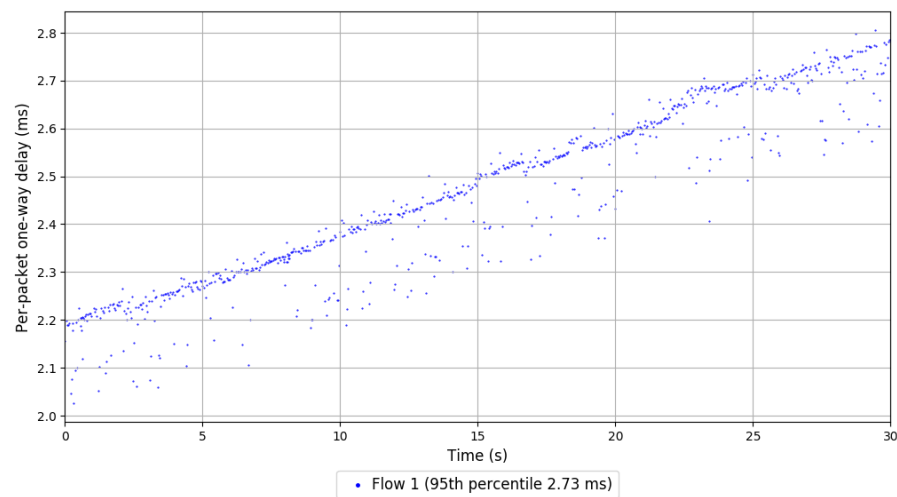
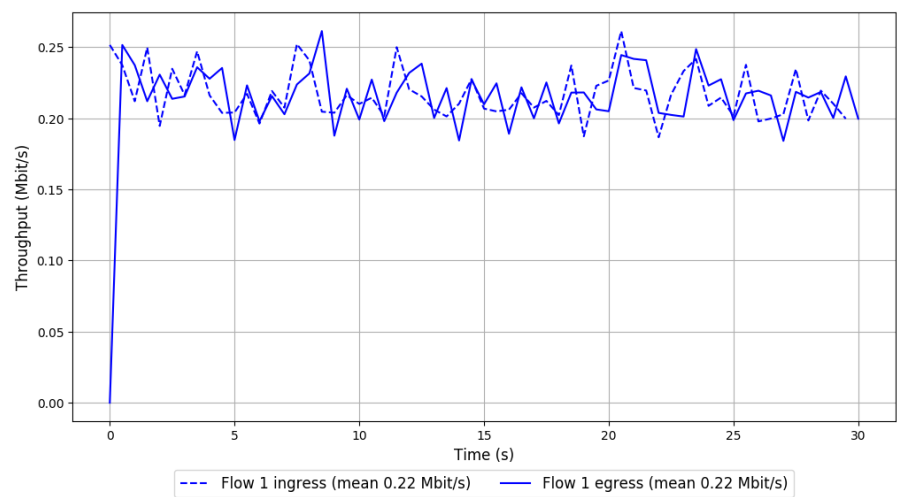
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.730 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

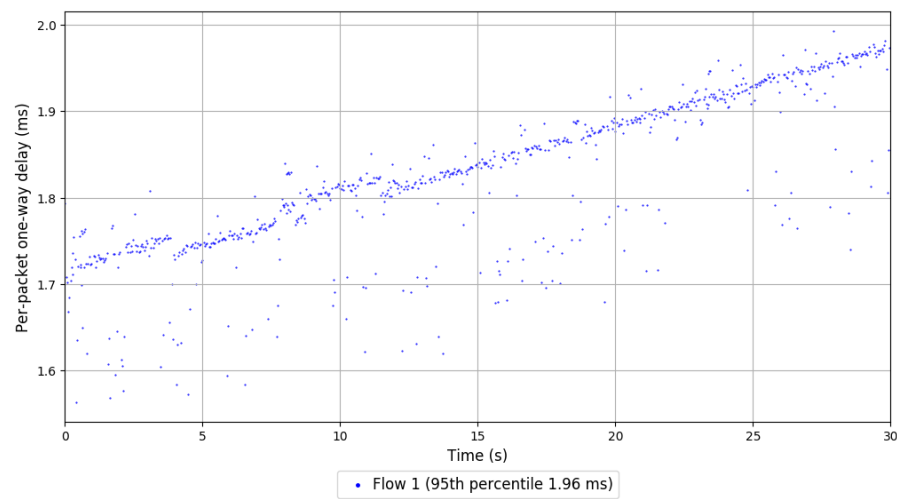
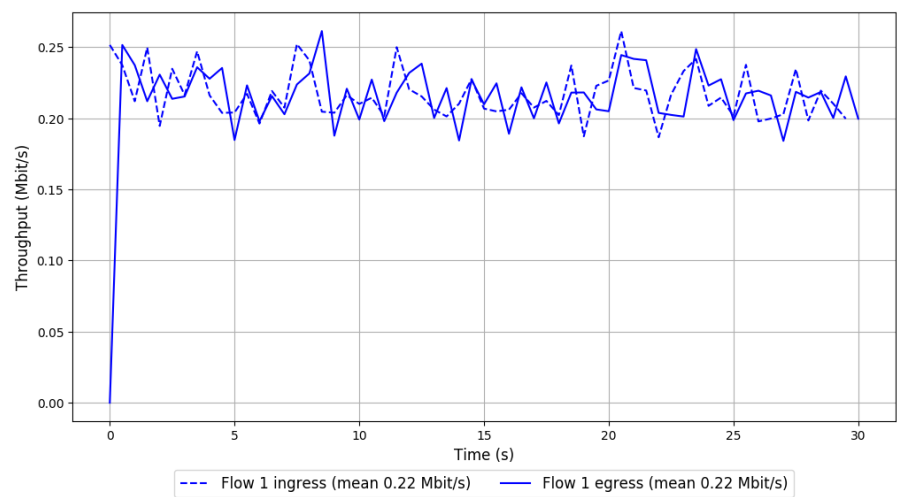


Run 8: Statistics of SCReAM

Start at: 2018-05-24 05:39:58
End at: 2018-05-24 05:40:28
Local clock offset: -0.681 ms
Remote clock offset: -9.318 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.959 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

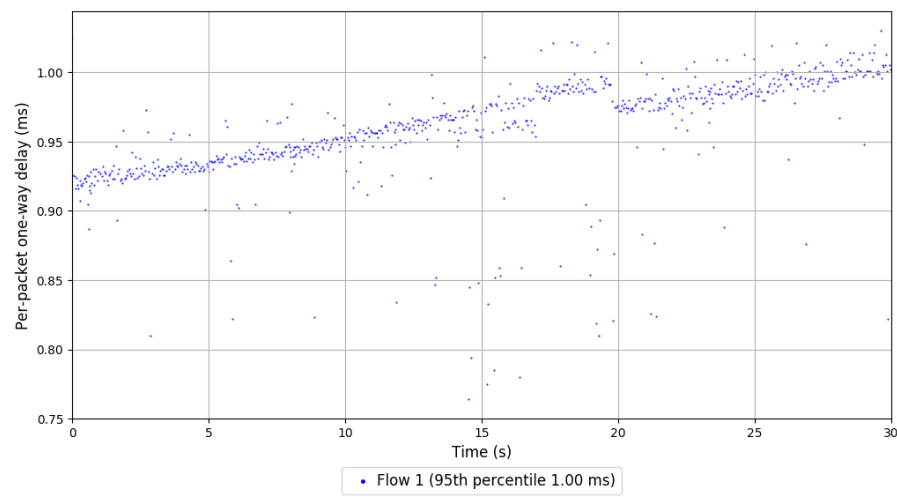
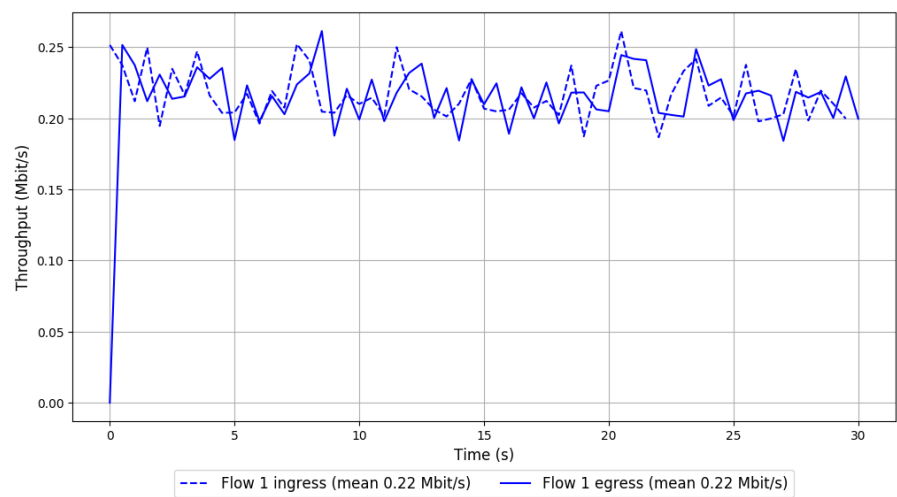


Run 9: Statistics of SCReAM

Start at: 2018-05-24 05:57:41
End at: 2018-05-24 05:58:11
Local clock offset: 0.503 ms
Remote clock offset: -10.349 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.005 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

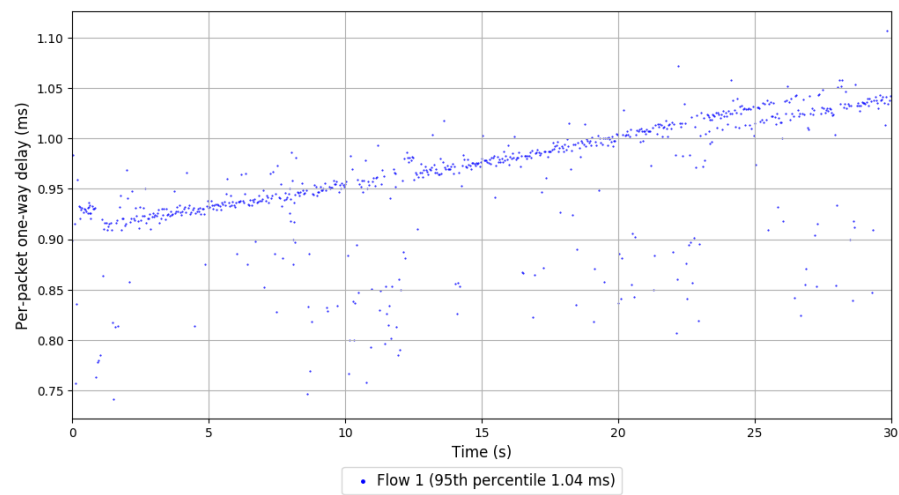
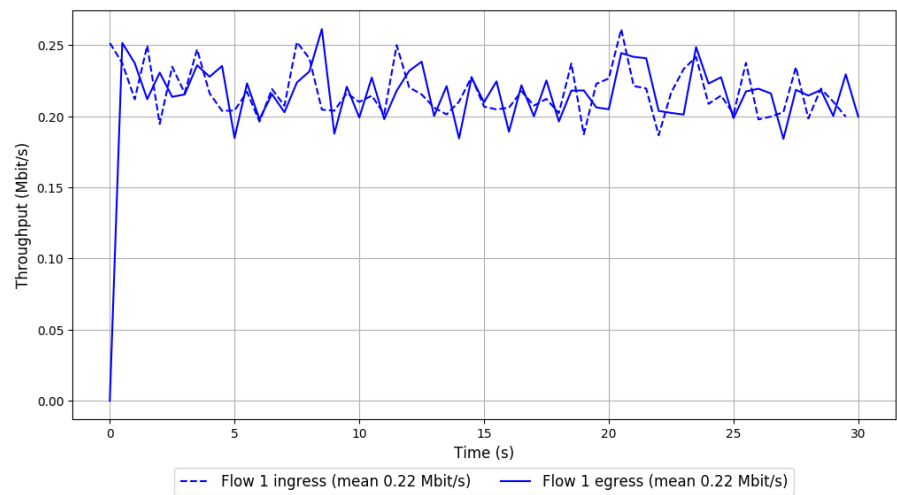


Run 10: Statistics of SCReAM

Start at: 2018-05-24 06:15:25
End at: 2018-05-24 06:15:55
Local clock offset: 1.753 ms
Remote clock offset: -13.088 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

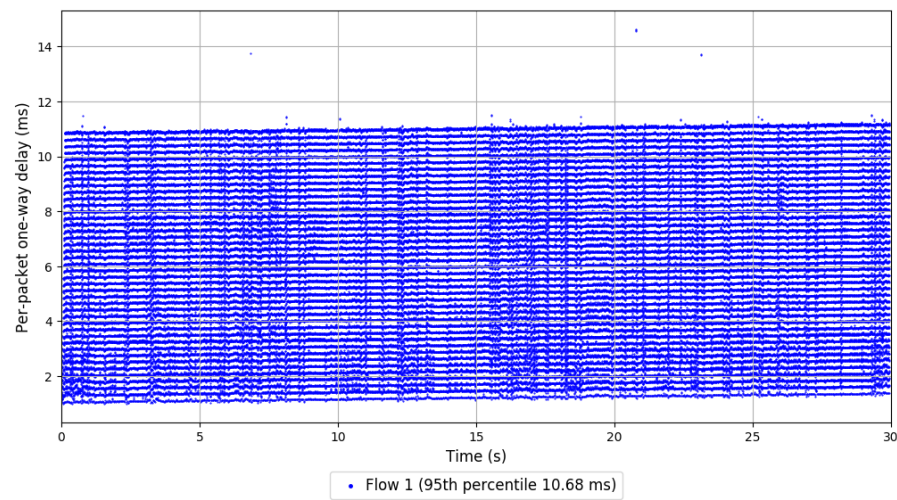
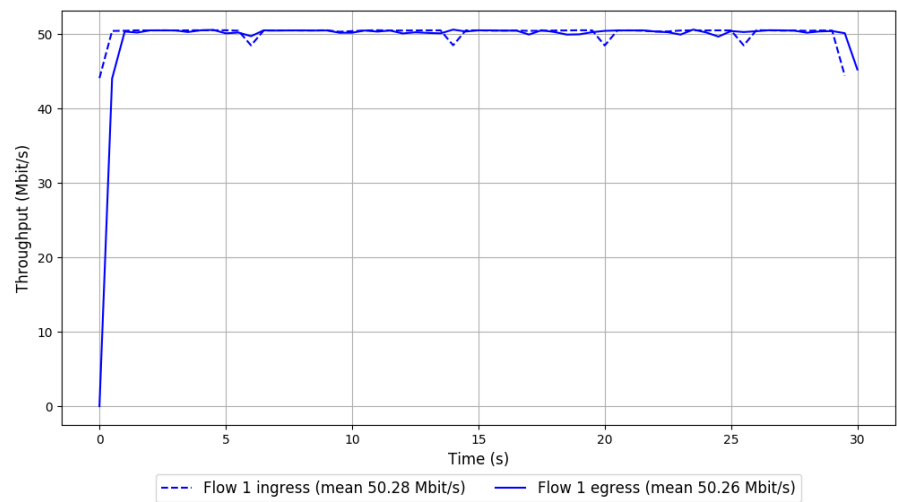


Run 1: Statistics of Sprout

Start at: 2018-05-24 03:30:25
End at: 2018-05-24 03:30:55
Local clock offset: -6.218 ms
Remote clock offset: -1.554 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 10.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 10.682 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

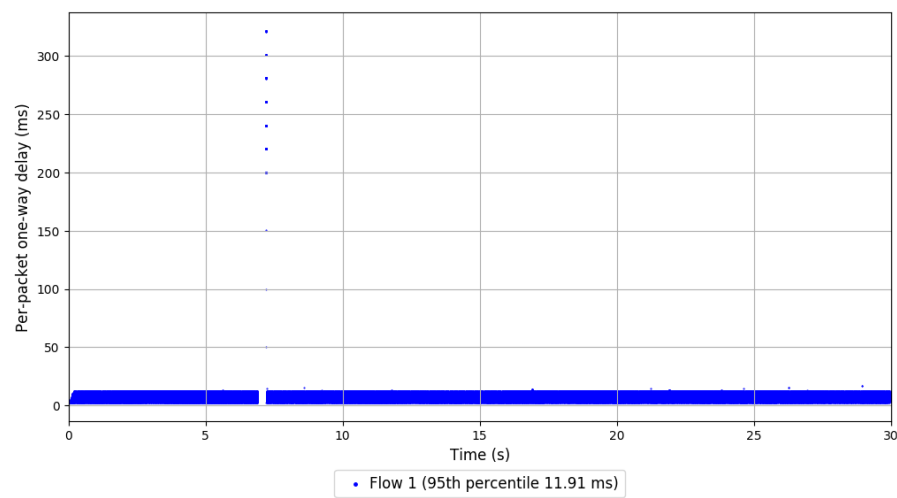
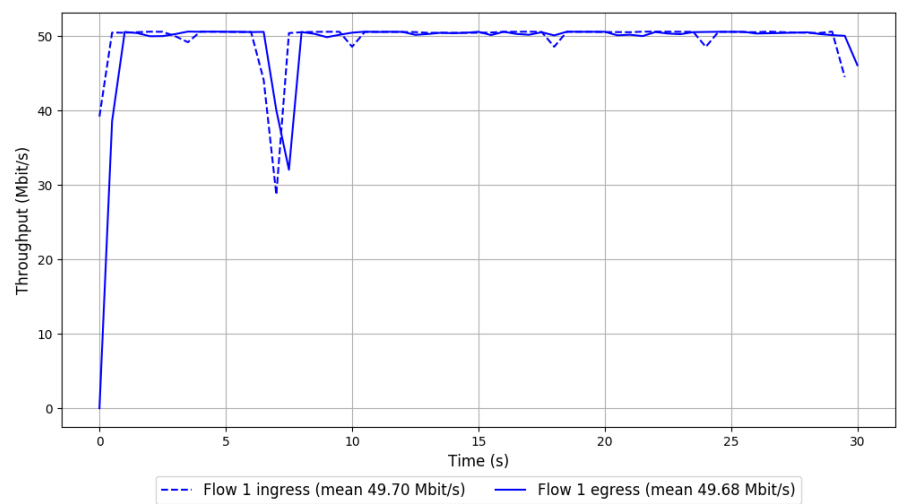


Run 2: Statistics of Sprout

Start at: 2018-05-24 03:48:05
End at: 2018-05-24 03:48:35
Local clock offset: -6.097 ms
Remote clock offset: -6.796 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 11.914 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 11.914 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

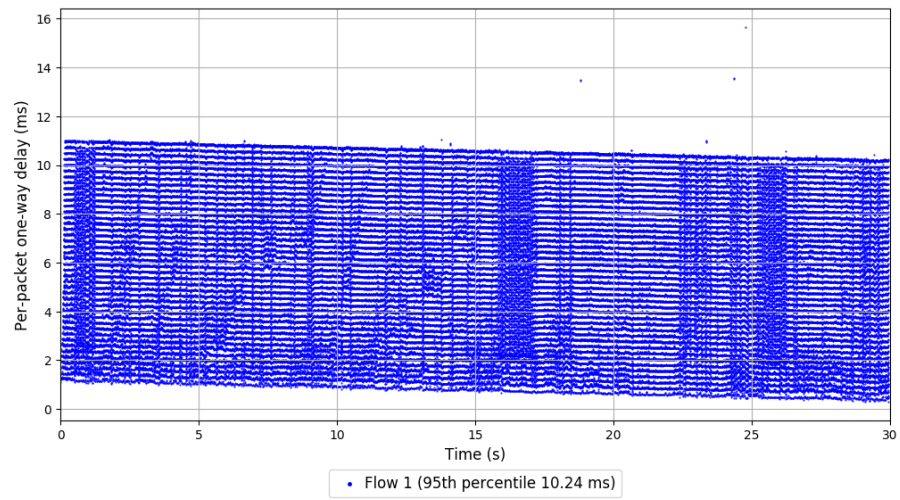
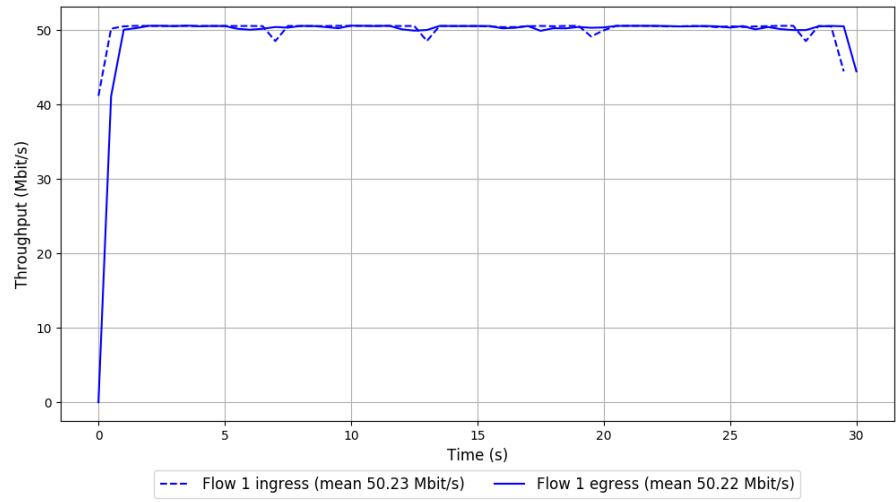


Run 3: Statistics of Sprout

Start at: 2018-05-24 04:05:49
End at: 2018-05-24 04:06:19
Local clock offset: -5.46 ms
Remote clock offset: -3.072 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 10.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 10.238 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

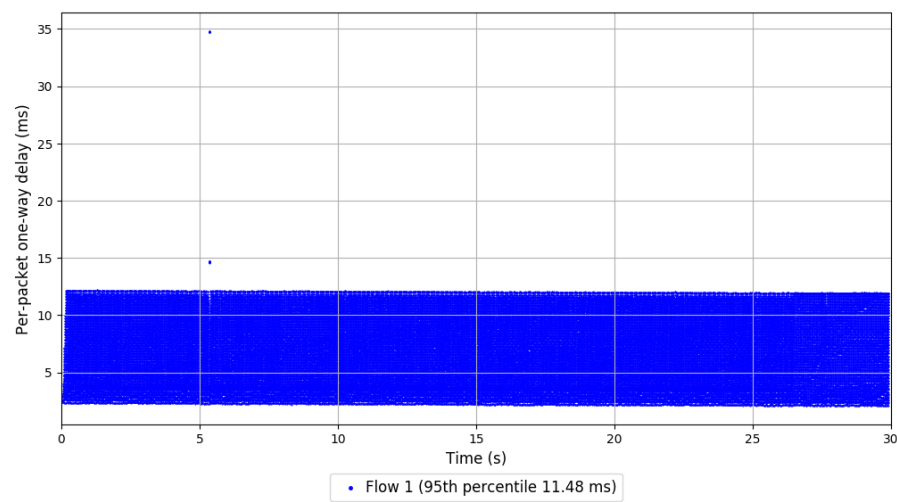
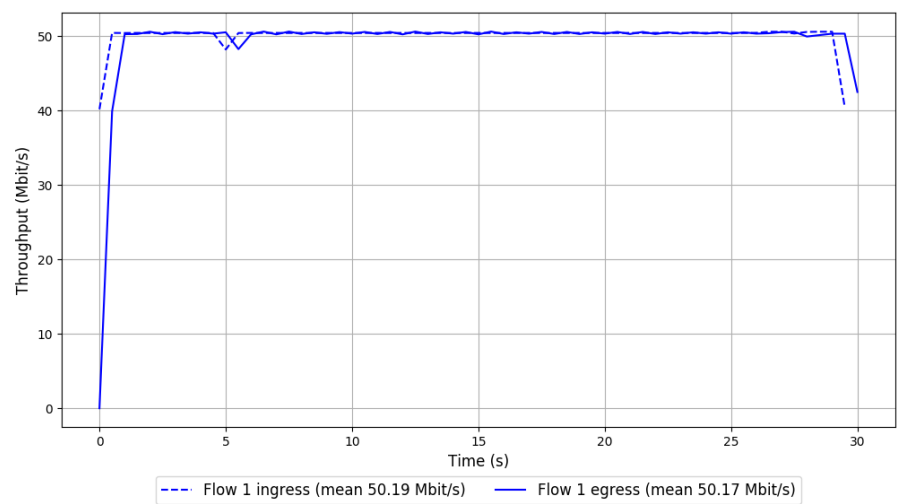


Run 4: Statistics of Sprout

Start at: 2018-05-24 04:23:33
End at: 2018-05-24 04:24:03
Local clock offset: -6.298 ms
Remote clock offset: 12.564 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 11.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 11.480 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

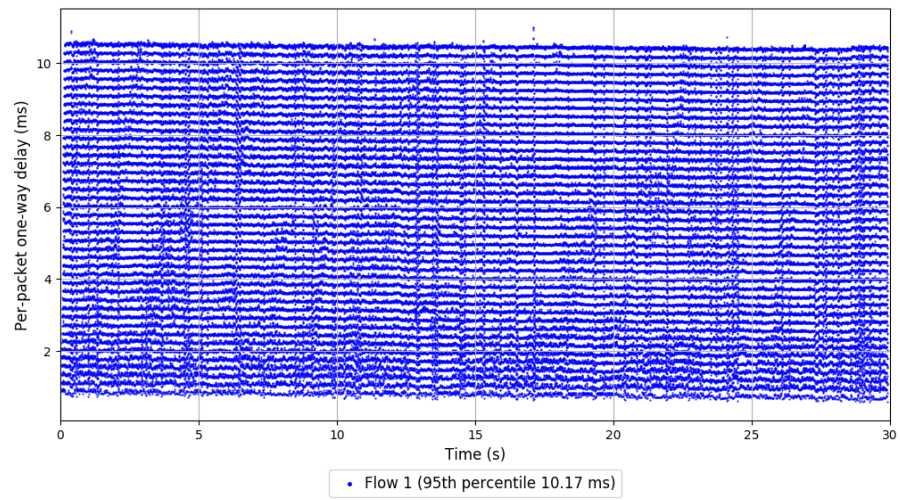
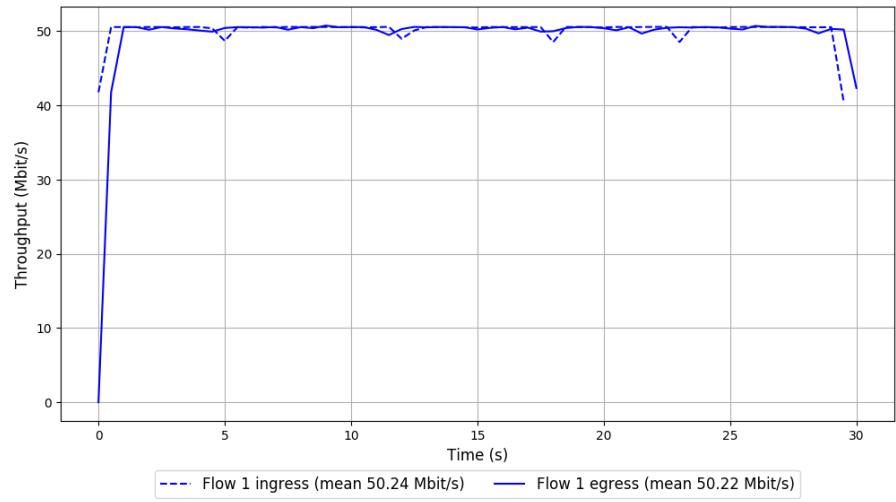


Run 5: Statistics of Sprout

Start at: 2018-05-24 04:41:17
End at: 2018-05-24 04:41:47
Local clock offset: -5.761 ms
Remote clock offset: 19.072 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 10.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 10.172 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

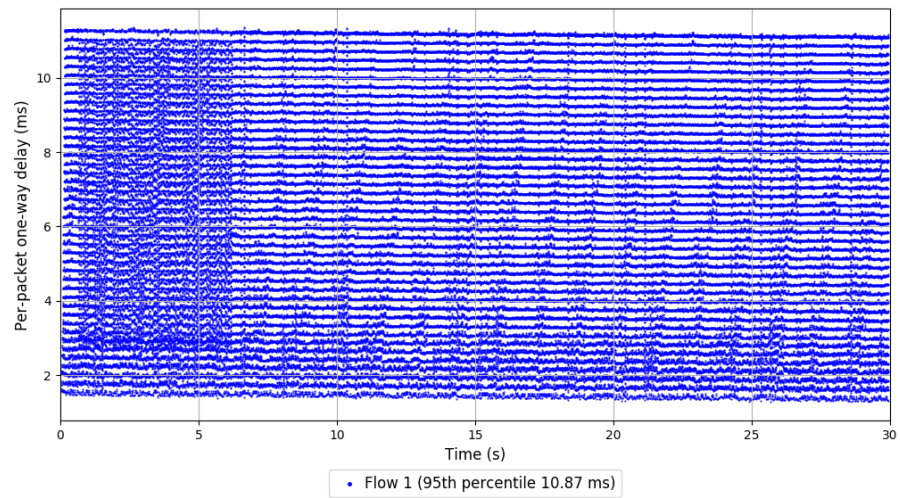
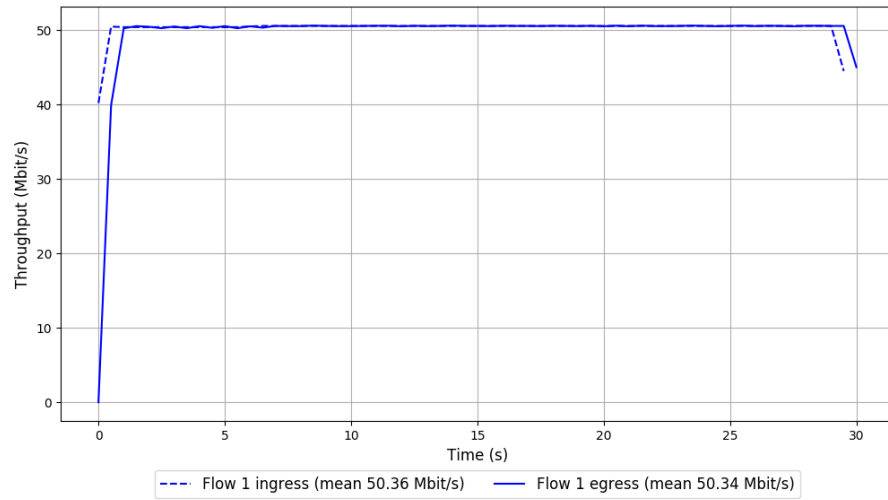


Run 6: Statistics of Sprout

Start at: 2018-05-24 04:59:00
End at: 2018-05-24 04:59:30
Local clock offset: -5.042 ms
Remote clock offset: 24.529 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.34 Mbit/s
95th percentile per-packet one-way delay: 10.874 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.34 Mbit/s
95th percentile per-packet one-way delay: 10.874 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

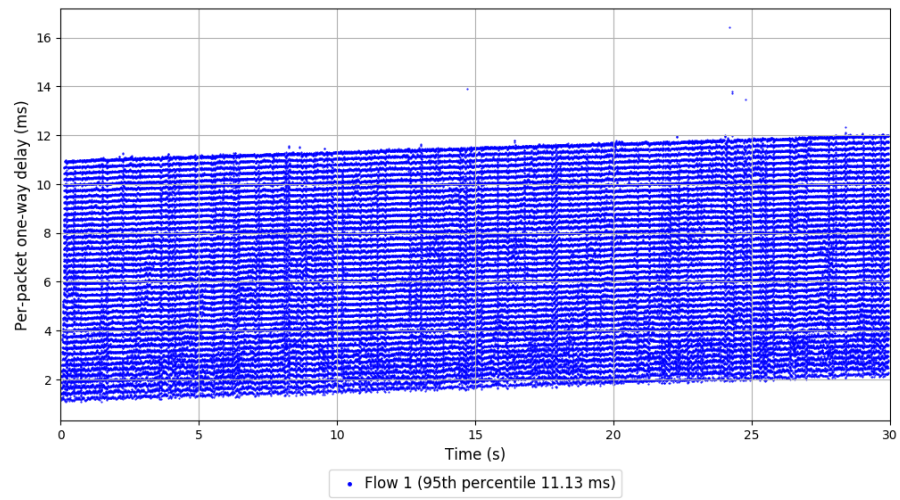
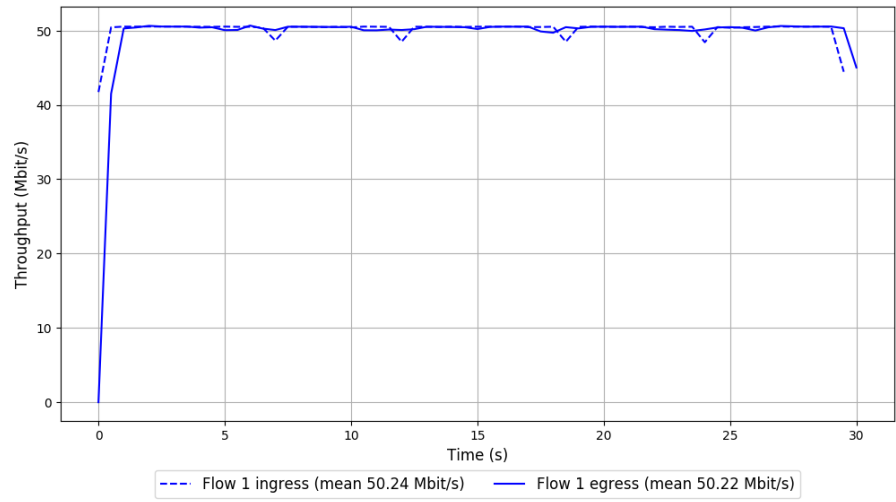


Run 7: Statistics of Sprout

Start at: 2018-05-24 05:16:44
End at: 2018-05-24 05:17:14
Local clock offset: -6.001 ms
Remote clock offset: 12.396 ms

Below is generated by plot.py at 2018-05-24 06:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.130 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

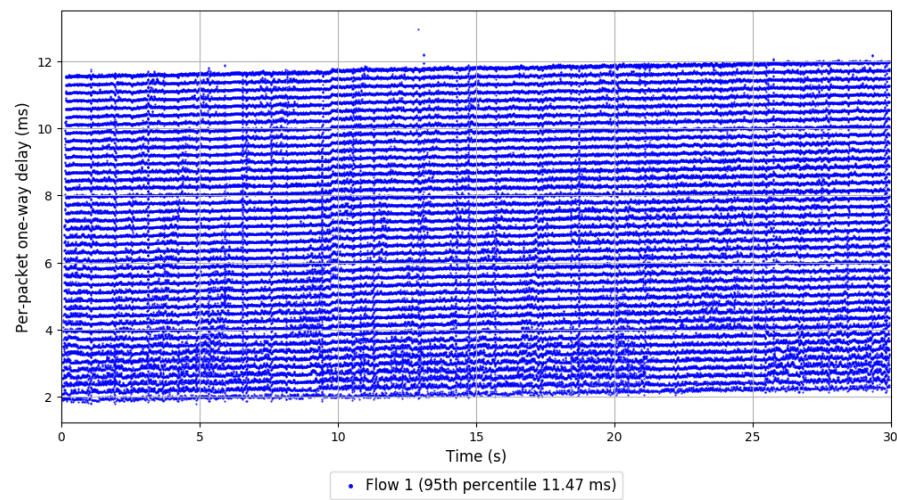
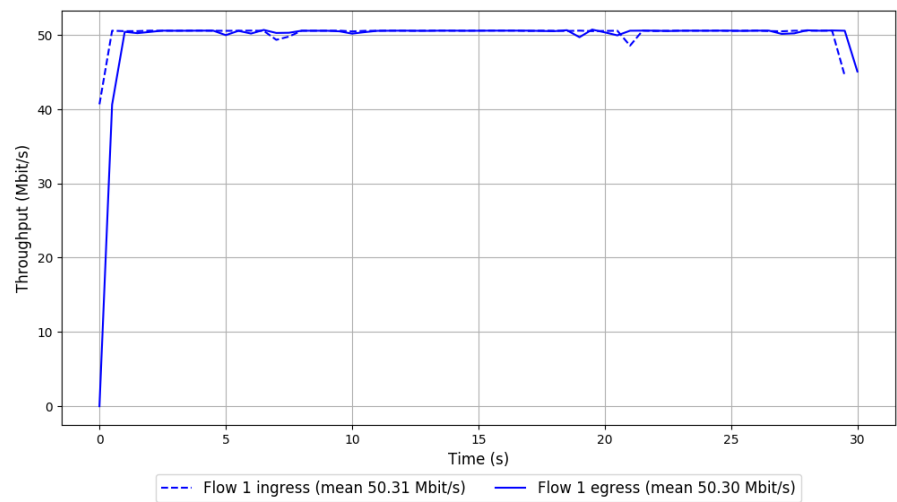


Run 8: Statistics of Sprout

Start at: 2018-05-24 05:34:28
End at: 2018-05-24 05:34:58
Local clock offset: -3.369 ms
Remote clock offset: -6.788 ms

Below is generated by plot.py at 2018-05-24 06:41:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.474 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

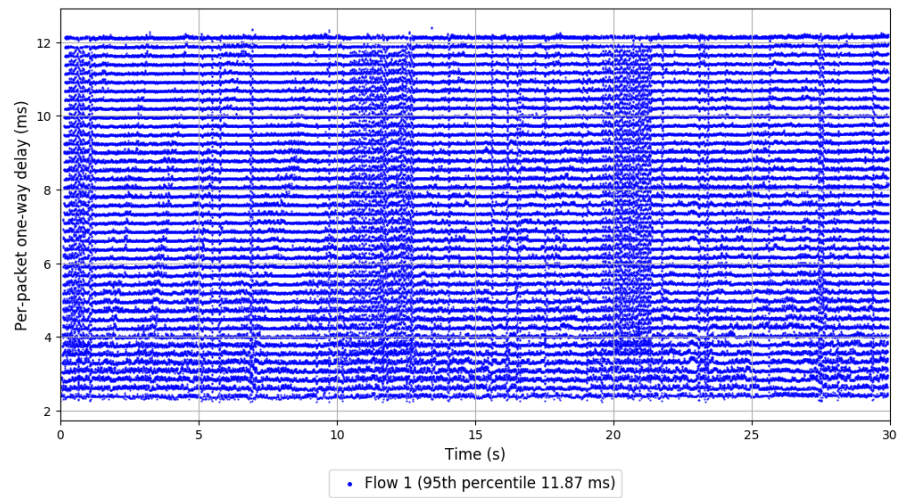
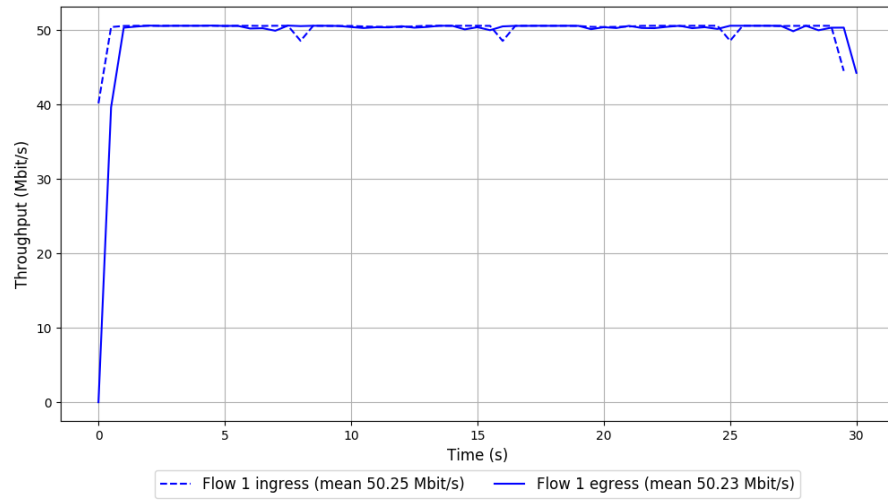


Run 9: Statistics of Sprout

Start at: 2018-05-24 05:52:12
End at: 2018-05-24 05:52:42
Local clock offset: 0.04 ms
Remote clock offset: -10.201 ms

Below is generated by plot.py at 2018-05-24 06:41:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 11.867 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 11.867 ms
Loss rate: 0.07%

Run 9: Report of Sprout — Data Link

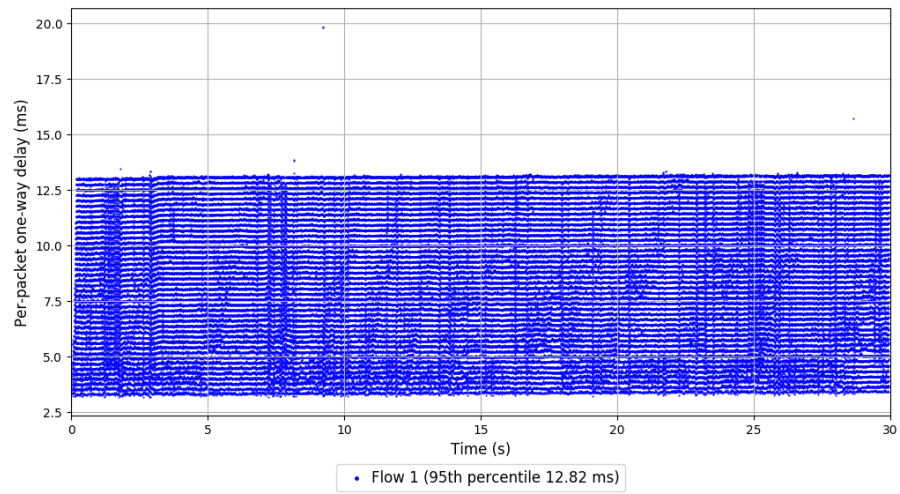
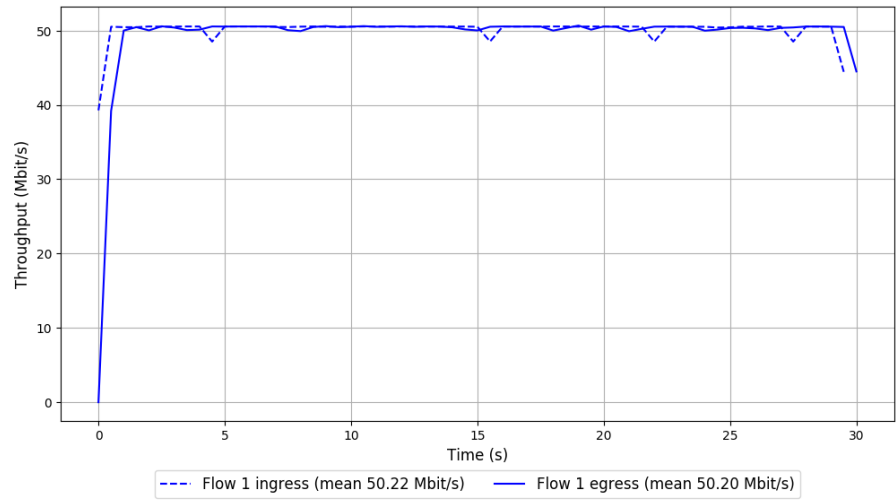


Run 10: Statistics of Sprout

Start at: 2018-05-24 06:09:55
End at: 2018-05-24 06:10:25
Local clock offset: 0.562 ms
Remote clock offset: -11.961 ms

Below is generated by plot.py at 2018-05-24 06:41:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 12.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 12.820 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-05-24 03:43:35

End at: 2018-05-24 03:44:05

Local clock offset: -6.084 ms

Remote clock offset: -6.229 ms

Below is generated by plot.py at 2018-05-24 06:42:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.60 Mbit/s

95th percentile per-packet one-way delay: 3.783 ms

Loss rate: 0.00%

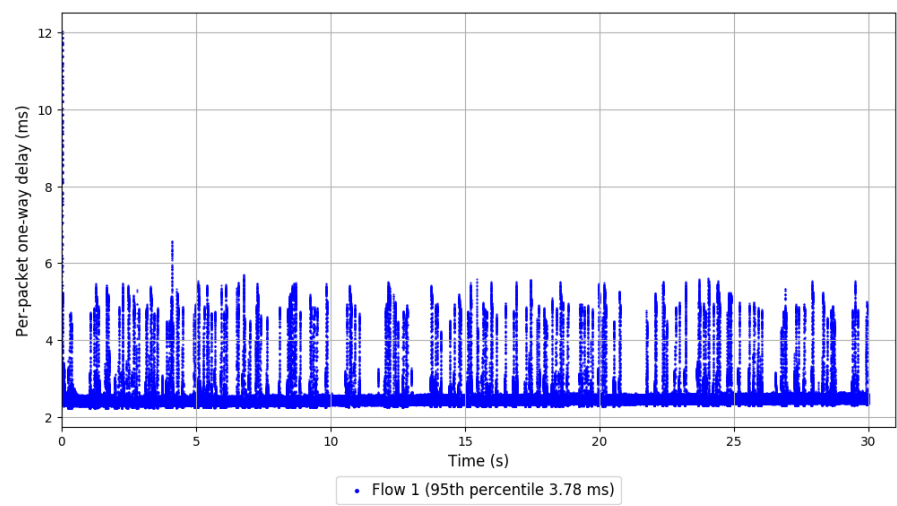
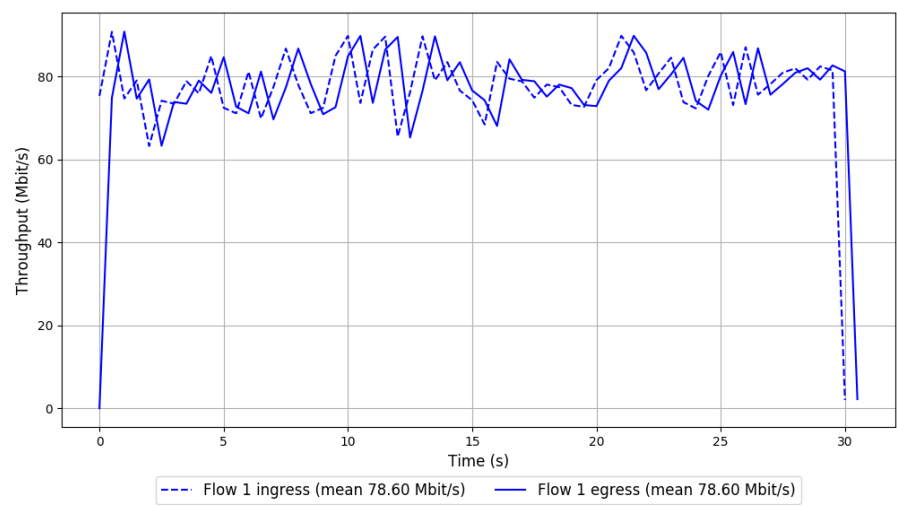
-- Flow 1:

Average throughput: 78.60 Mbit/s

95th percentile per-packet one-way delay: 3.783 ms

Loss rate: 0.00%

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

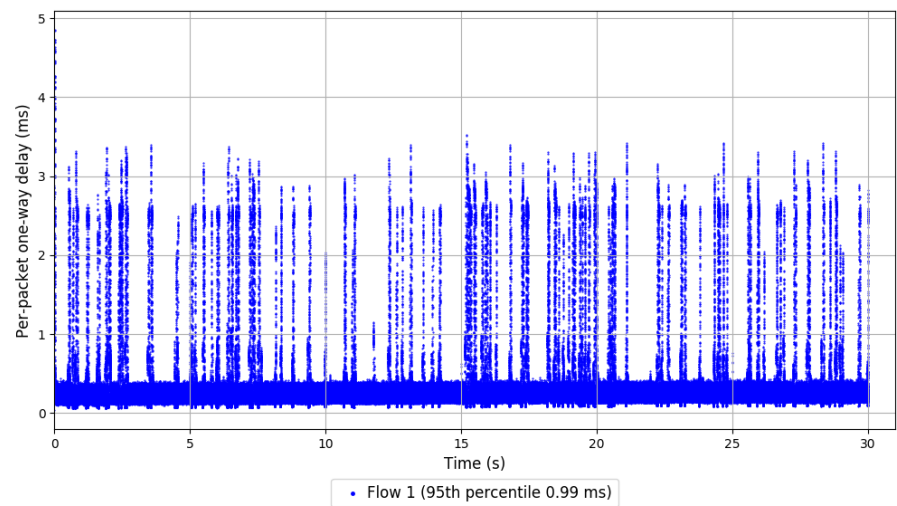
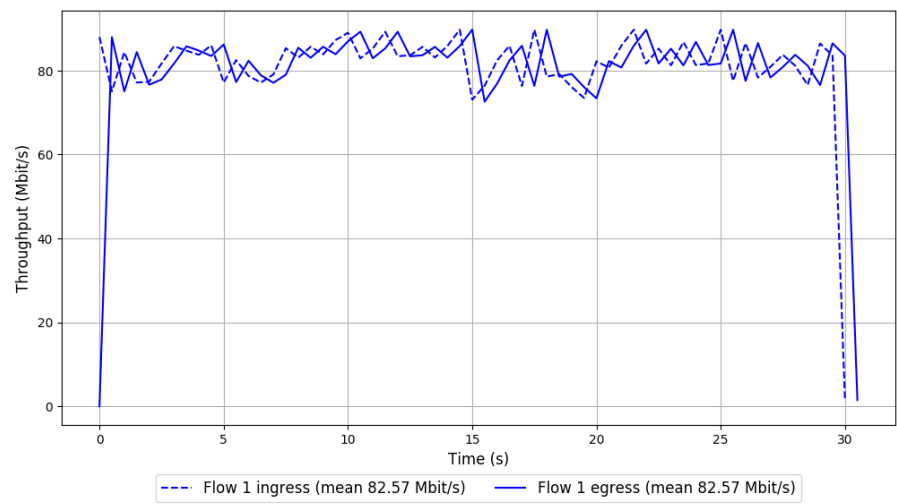


Run 2: Statistics of TaoVA-100x

Start at: 2018-05-24 04:01:19
End at: 2018-05-24 04:01:49
Local clock offset: -5.437 ms
Remote clock offset: -7.897 ms

Below is generated by plot.py at 2018-05-24 06:42:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.57 Mbit/s
95th percentile per-packet one-way delay: 0.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.57 Mbit/s
95th percentile per-packet one-way delay: 0.989 ms
Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-05-24 04:19:03

End at: 2018-05-24 04:19:33

Local clock offset: -5.508 ms

Remote clock offset: 10.09 ms

Below is generated by plot.py at 2018-05-24 06:42:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.12 Mbit/s

95th percentile per-packet one-way delay: 1.559 ms

Loss rate: 0.00%

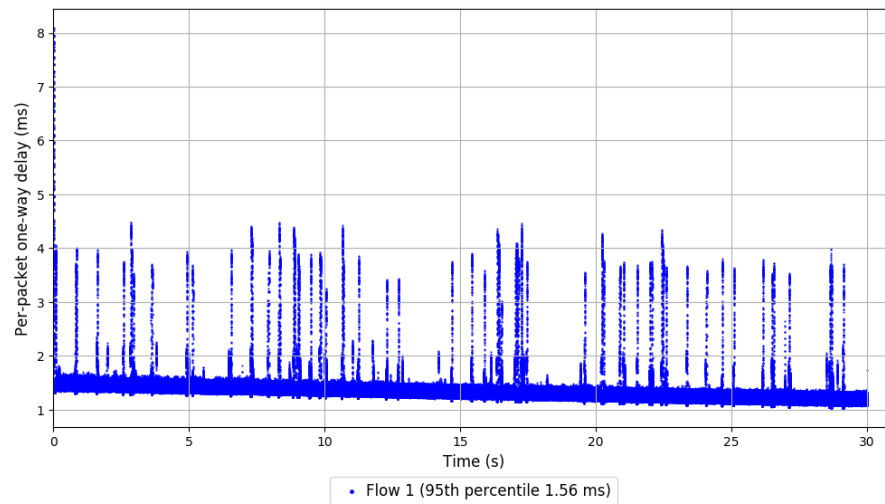
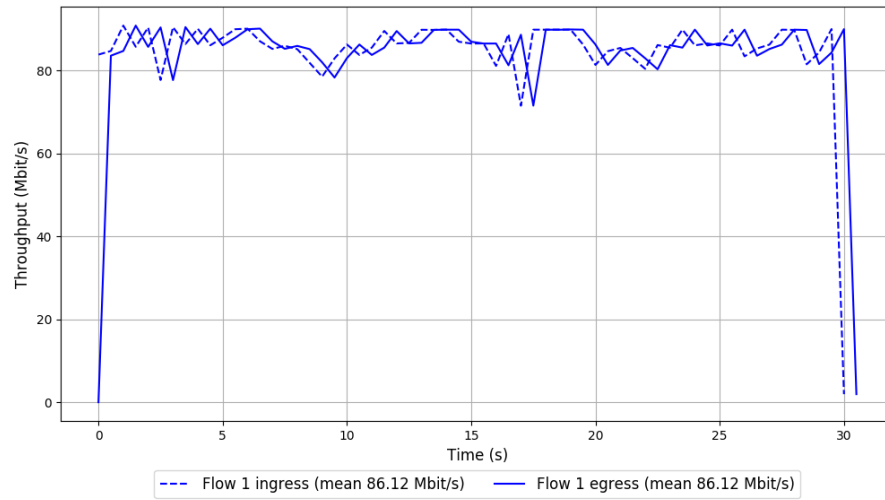
-- Flow 1:

Average throughput: 86.12 Mbit/s

95th percentile per-packet one-way delay: 1.559 ms

Loss rate: 0.00%

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

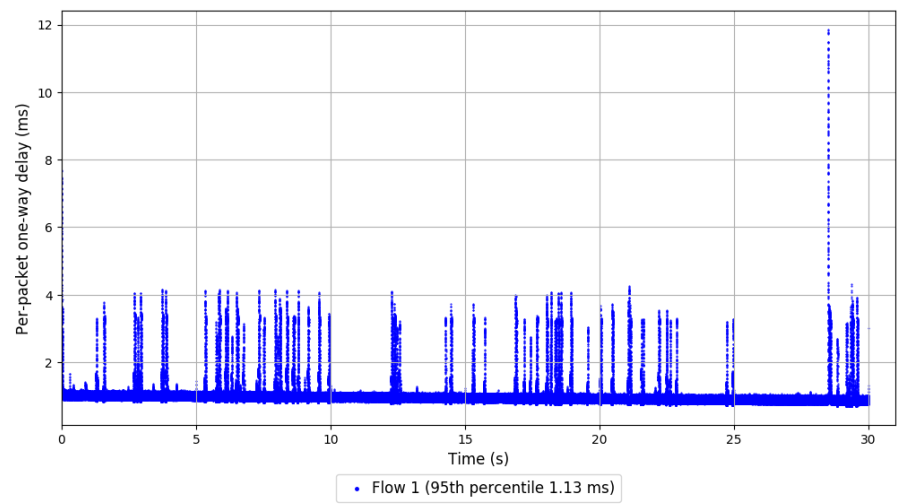
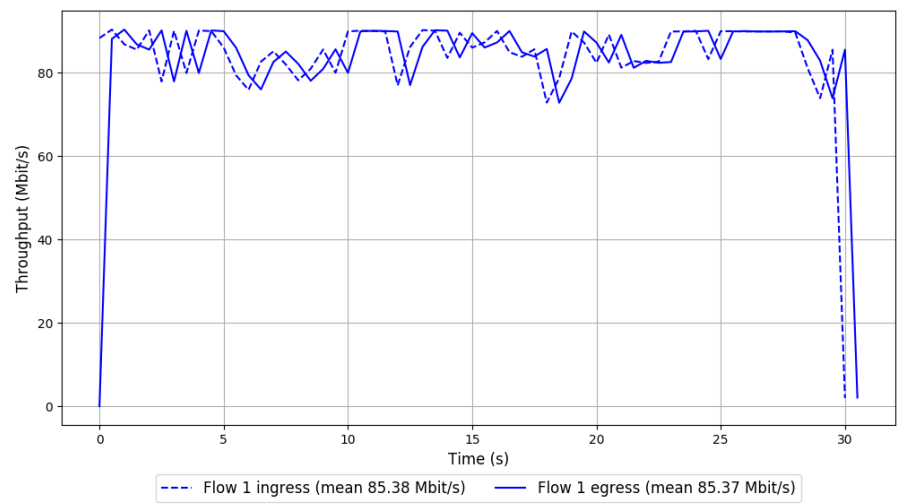


Run 4: Statistics of TaoVA-100x

Start at: 2018-05-24 04:36:46
End at: 2018-05-24 04:37:16
Local clock offset: -5.914 ms
Remote clock offset: 17.659 ms

Below is generated by plot.py at 2018-05-24 06:43:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.37 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.37 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.00%

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

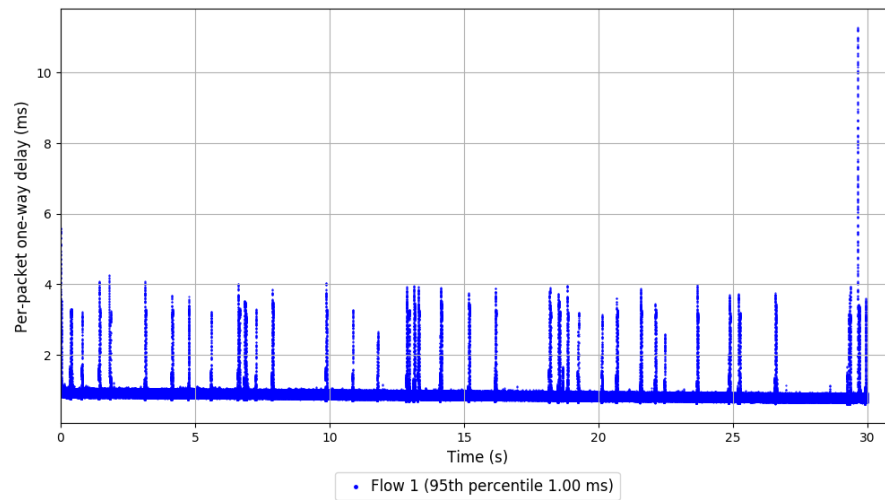
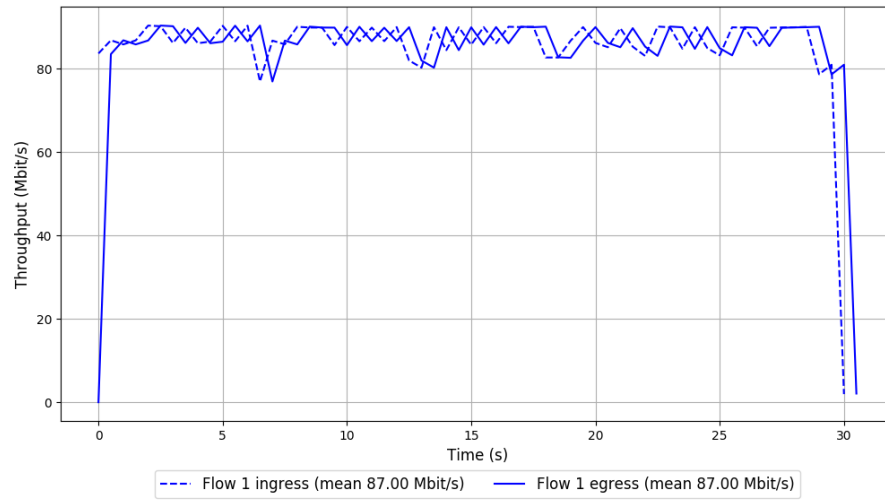


Run 5: Statistics of TaoVA-100x

Start at: 2018-05-24 04:54:30
End at: 2018-05-24 04:55:00
Local clock offset: -5.645 ms
Remote clock offset: 23.259 ms

Below is generated by plot.py at 2018-05-24 06:43:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 1.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 1.005 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-05-24 05:12:14

End at: 2018-05-24 05:12:44

Local clock offset: -6.756 ms

Remote clock offset: 25.722 ms

Below is generated by plot.py at 2018-05-24 06:43:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 5.930 ms

Loss rate: 0.00%

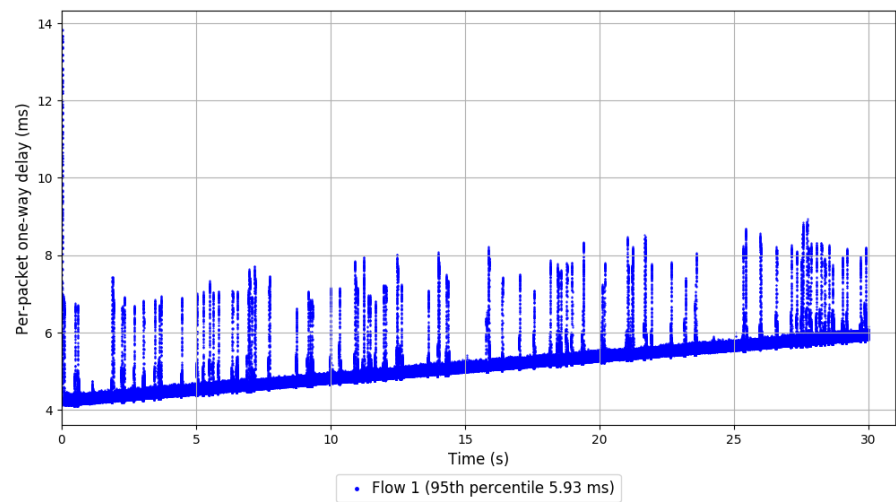
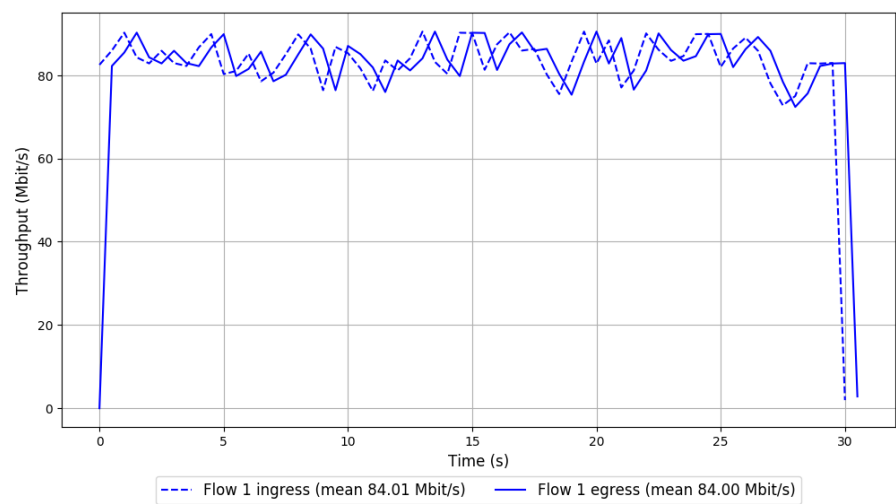
-- Flow 1:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 5.930 ms

Loss rate: 0.00%

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

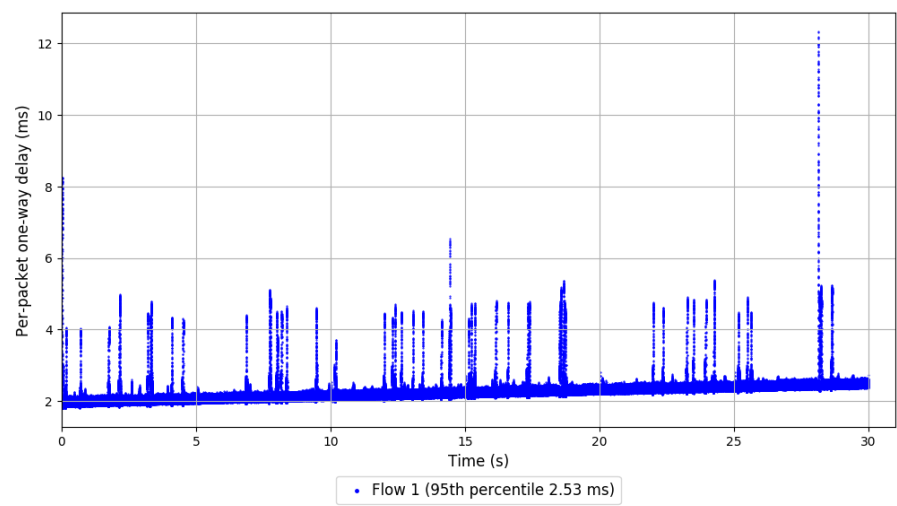
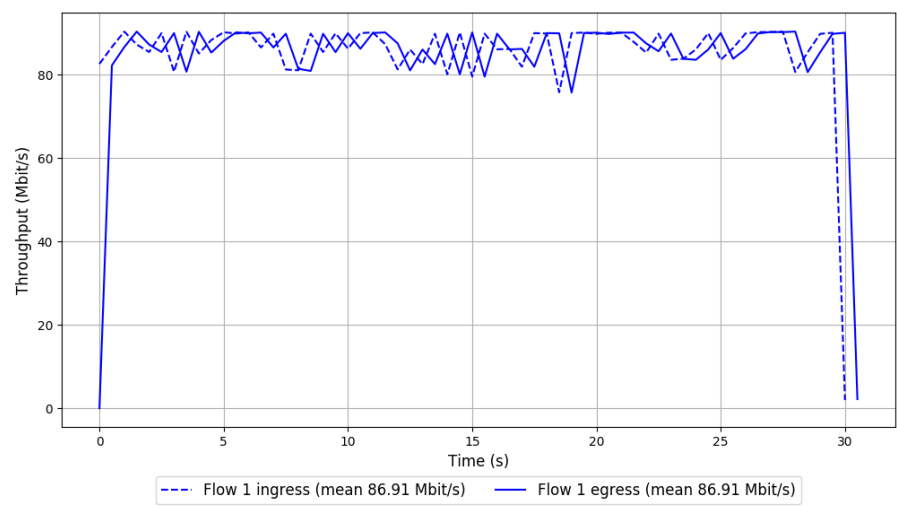


Run 7: Statistics of TaoVA-100x

Start at: 2018-05-24 05:29:58
End at: 2018-05-24 05:30:28
Local clock offset: -3.307 ms
Remote clock offset: -4.112 ms

Below is generated by plot.py at 2018-05-24 06:43:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 2.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 2.532 ms
Loss rate: 0.00%

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

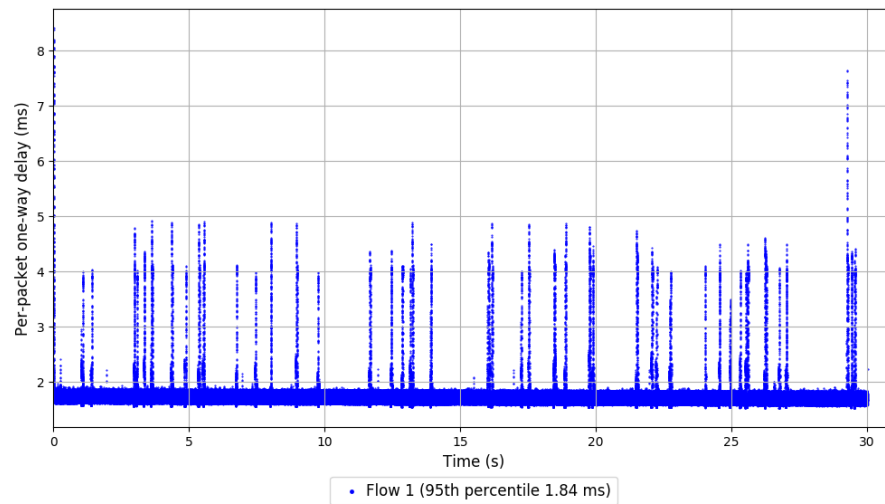
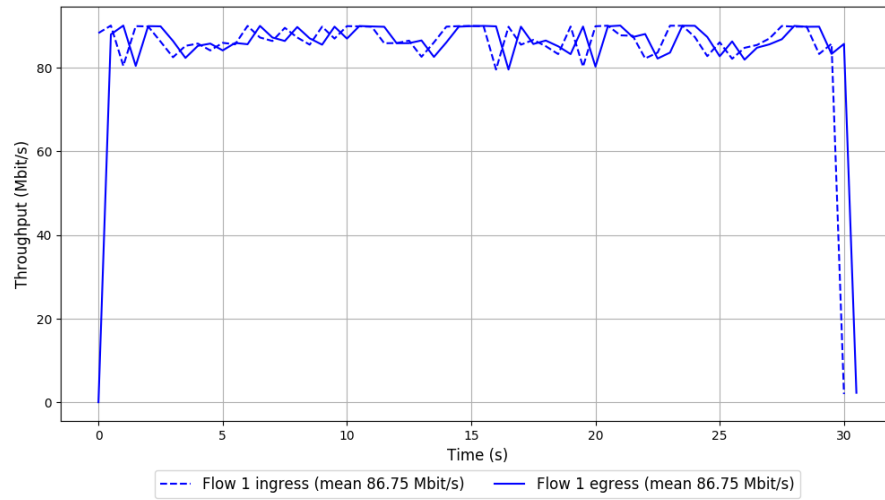


Run 8: Statistics of TaoVA-100x

Start at: 2018-05-24 05:47:42
End at: 2018-05-24 05:48:12
Local clock offset: -1.17 ms
Remote clock offset: -10.645 ms

Below is generated by plot.py at 2018-05-24 06:43:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 1.843 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 1.843 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-05-24 06:05:25

End at: 2018-05-24 06:05:55

Local clock offset: 1.833 ms

Remote clock offset: -11.22 ms

Below is generated by plot.py at 2018-05-24 06:44:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.41 Mbit/s

95th percentile per-packet one-way delay: 1.935 ms

Loss rate: 0.01%

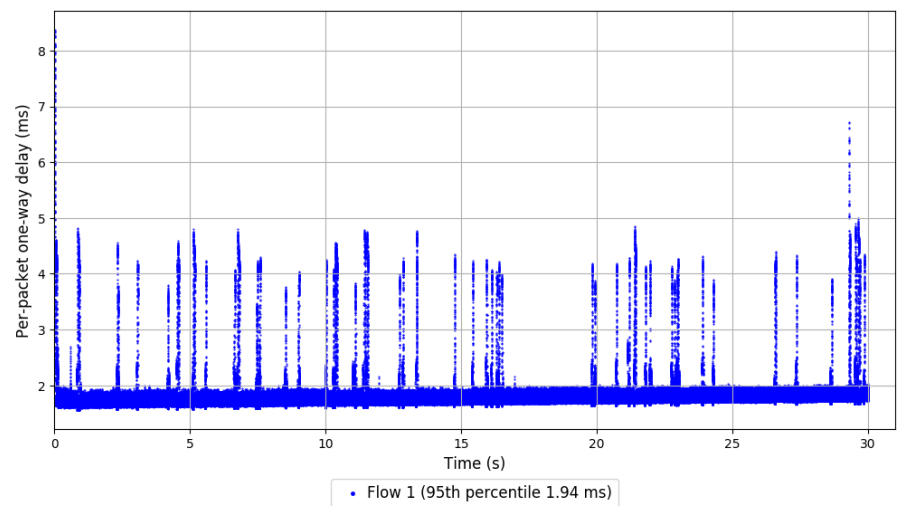
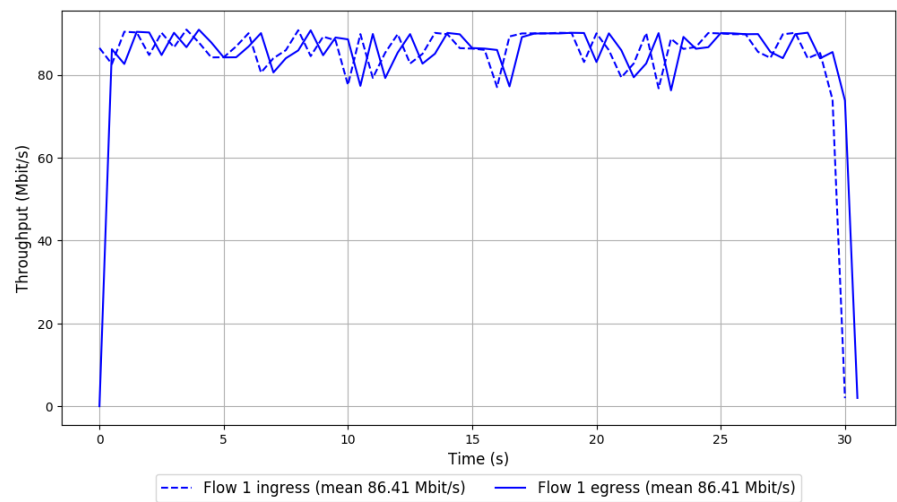
-- Flow 1:

Average throughput: 86.41 Mbit/s

95th percentile per-packet one-way delay: 1.935 ms

Loss rate: 0.01%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-05-24 06:23:09

End at: 2018-05-24 06:23:39

Local clock offset: 2.202 ms

Remote clock offset: -9.656 ms

Below is generated by plot.py at 2018-05-24 06:44:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.52 Mbit/s

95th percentile per-packet one-way delay: 2.538 ms

Loss rate: 0.00%

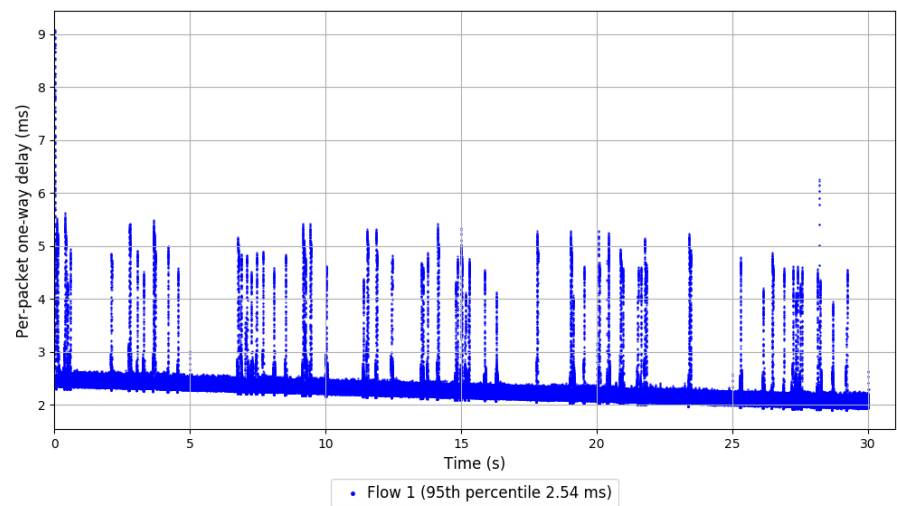
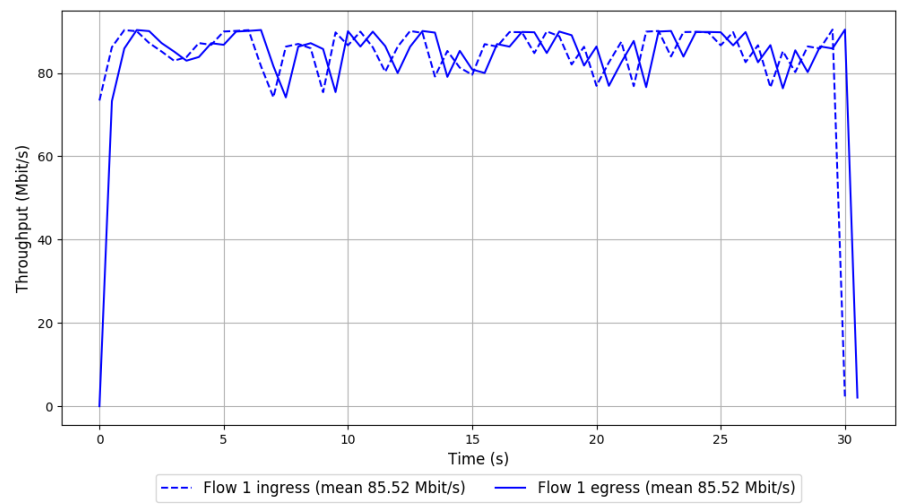
-- Flow 1:

Average throughput: 85.52 Mbit/s

95th percentile per-packet one-way delay: 2.538 ms

Loss rate: 0.00%

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

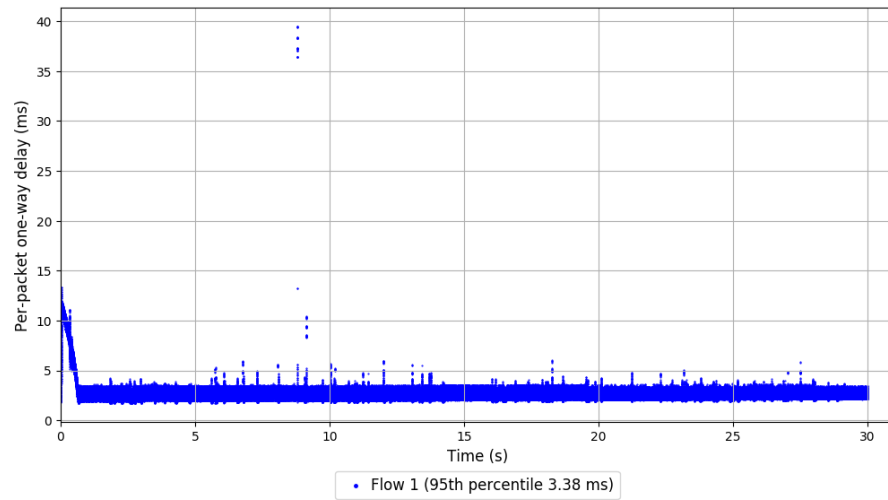
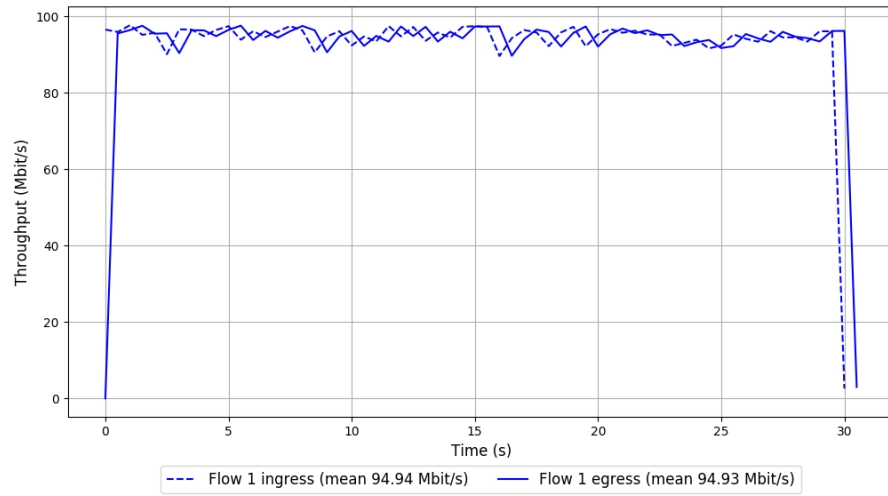


Run 1: Statistics of TCP Vegas

Start at: 2018-05-24 03:31:30
End at: 2018-05-24 03:32:00
Local clock offset: -6.952 ms
Remote clock offset: -2.193 ms

Below is generated by plot.py at 2018-05-24 06:44:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 3.382 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 3.382 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

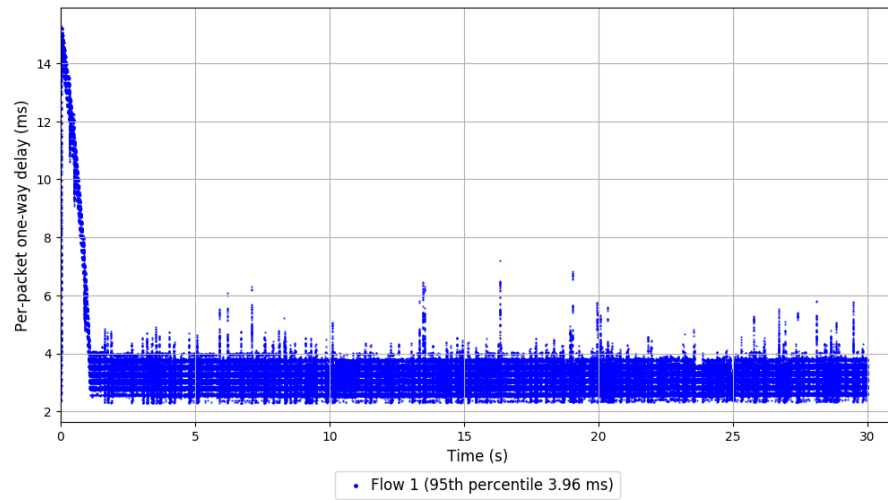
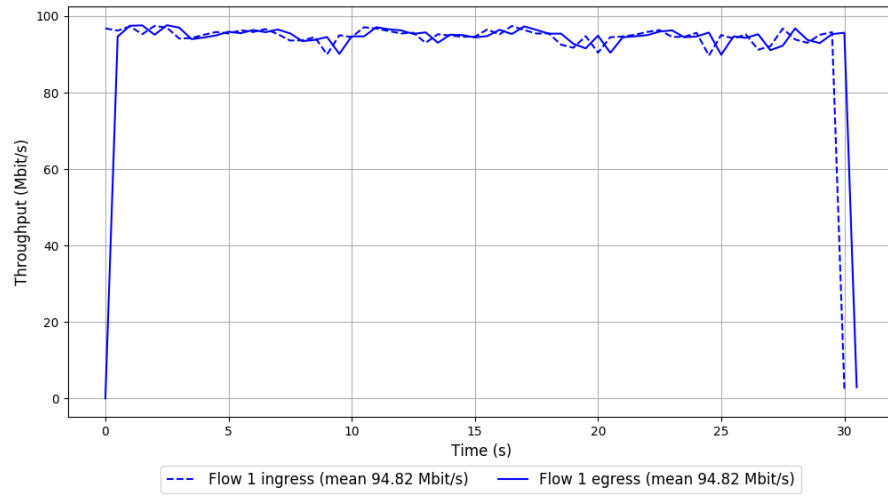


Run 2: Statistics of TCP Vegas

Start at: 2018-05-24 03:49:10
End at: 2018-05-24 03:49:40
Local clock offset: -6.109 ms
Remote clock offset: -6.938 ms

Below is generated by plot.py at 2018-05-24 06:44:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 3.955 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 3.955 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-05-24 04:06:54

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

Local clock offset: -6.237 ms

Remote clock offset: -1.19 ms

Below is generated by plot.py at 2018-05-24 06:44:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.50 Mbit/s

95th percentile per-packet one-way delay: 3.427 ms

Loss rate: 0.01%

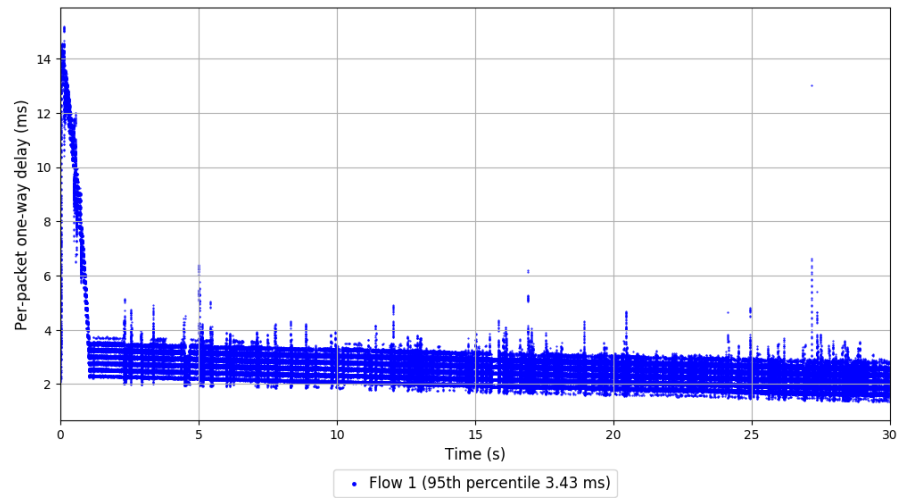
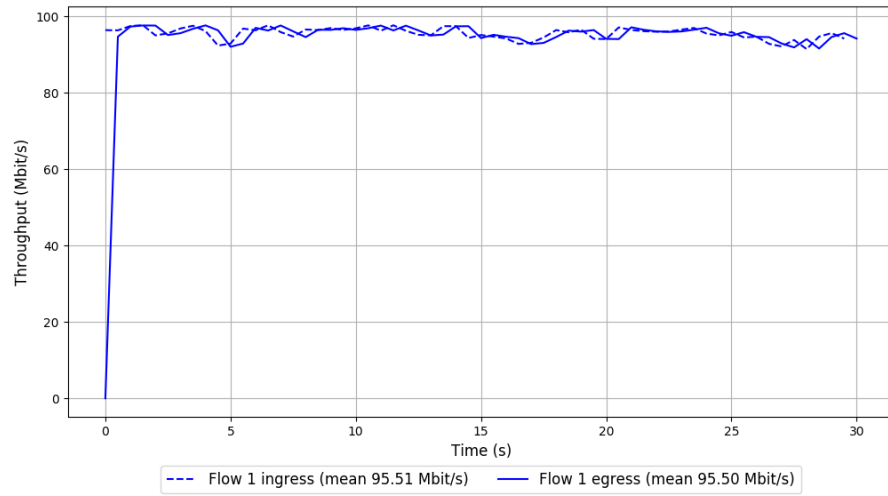
-- Flow 1:

Average throughput: 95.50 Mbit/s

95th percentile per-packet one-way delay: 3.427 ms

Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

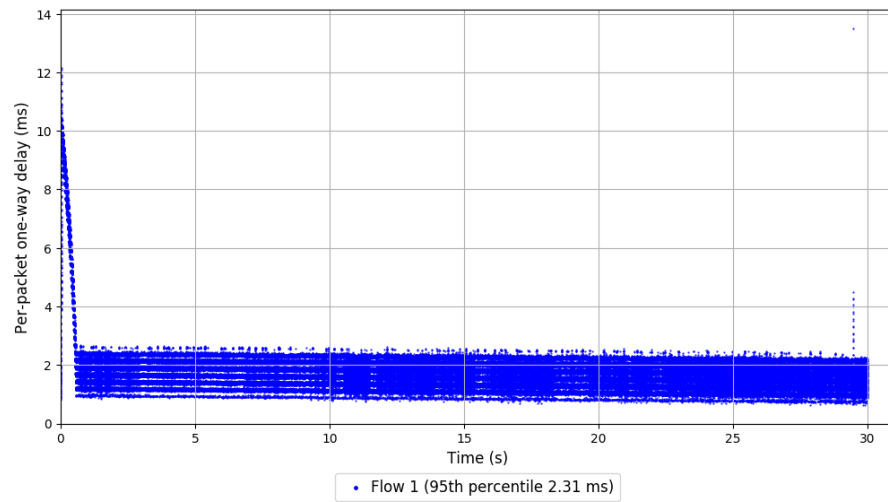
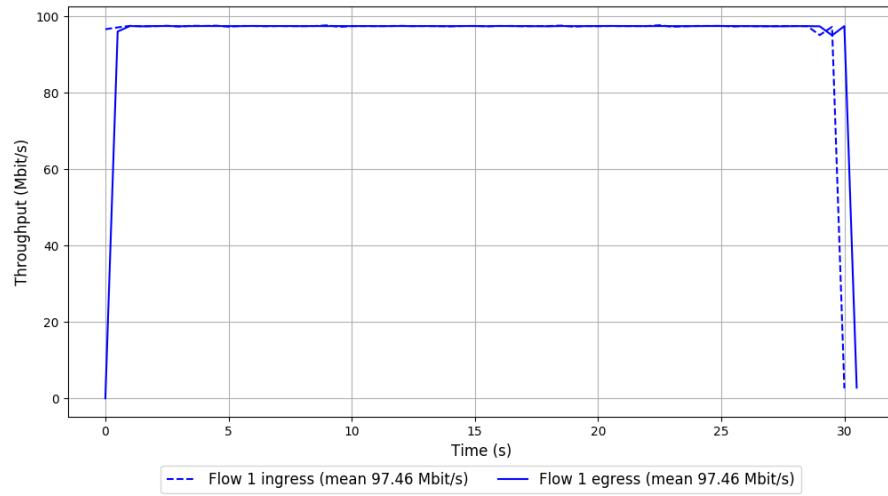


Run 4: Statistics of TCP Vegas

Start at: 2018-05-24 04:24:37
End at: 2018-05-24 04:25:07
Local clock offset: -6.307 ms
Remote clock offset: 13.011 ms

Below is generated by plot.py at 2018-05-24 06:44:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 2.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 2.309 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

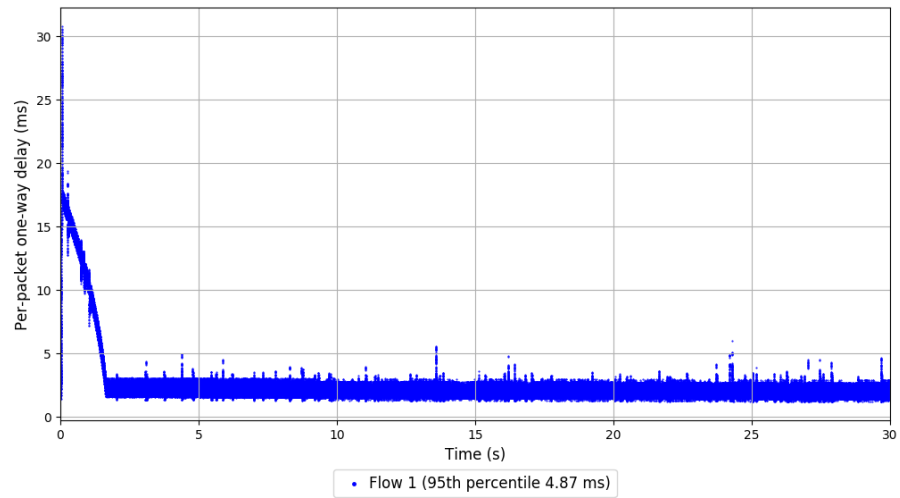
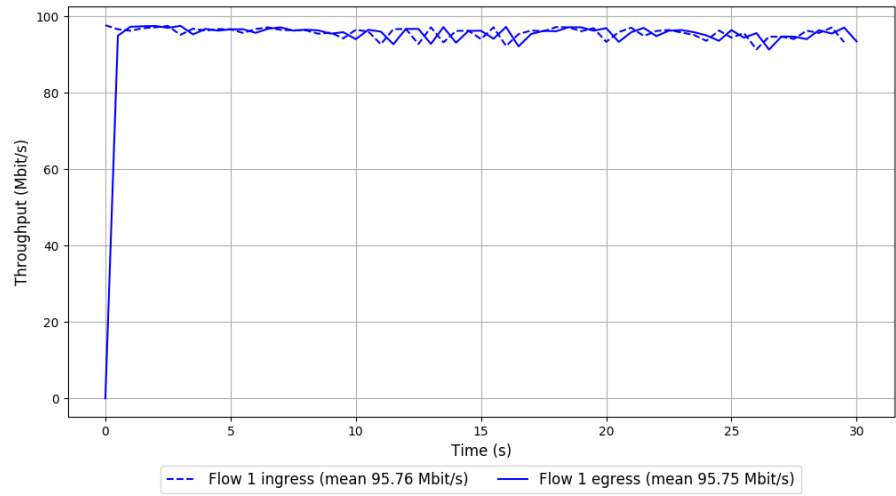


Run 5: Statistics of TCP Vegas

Start at: 2018-05-24 04:42:21
End at: 2018-05-24 04:42:51
Local clock offset: -4.979 ms
Remote clock offset: 19.381 ms

Below is generated by plot.py at 2018-05-24 06:44:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 4.872 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 4.872 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

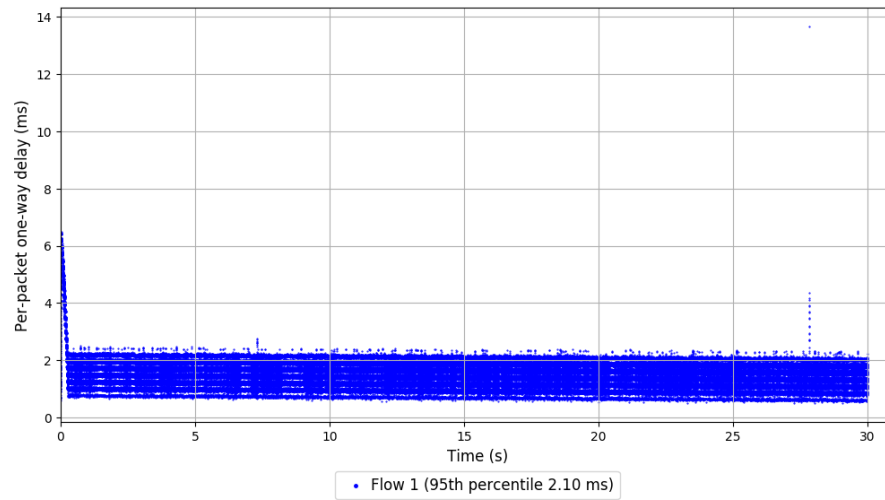
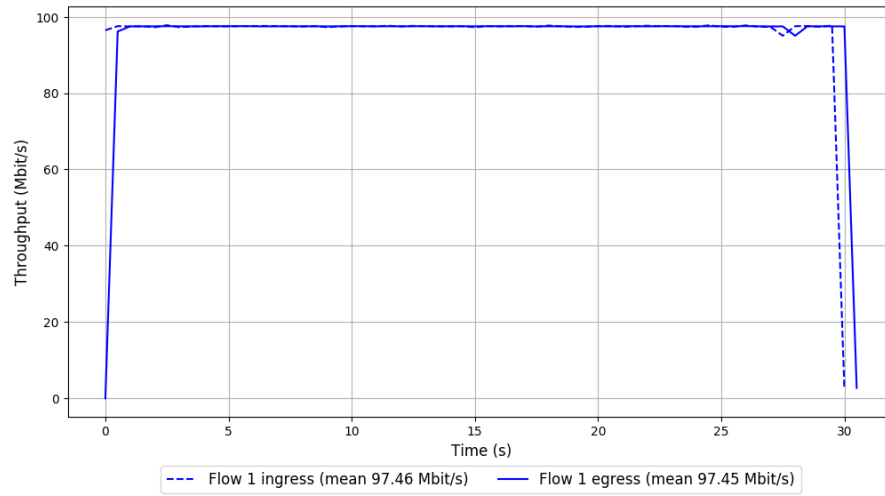


Run 6: Statistics of TCP Vegas

Start at: 2018-05-24 05:00:05
End at: 2018-05-24 05:00:35
Local clock offset: -5.779 ms
Remote clock offset: 24.773 ms

Below is generated by plot.py at 2018-05-24 06:44:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 2.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 2.104 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-05-24 05:17:49

End at: 2018-05-24 05:18:19

Local clock offset: -5.25 ms

Remote clock offset: 10.2 ms

Below is generated by plot.py at 2018-05-24 06:45:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.52 Mbit/s

95th percentile per-packet one-way delay: 2.398 ms

Loss rate: 0.00%

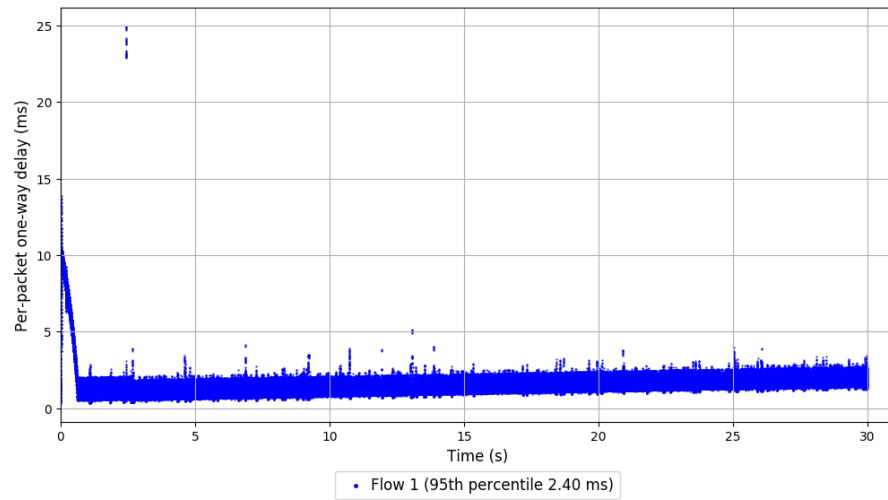
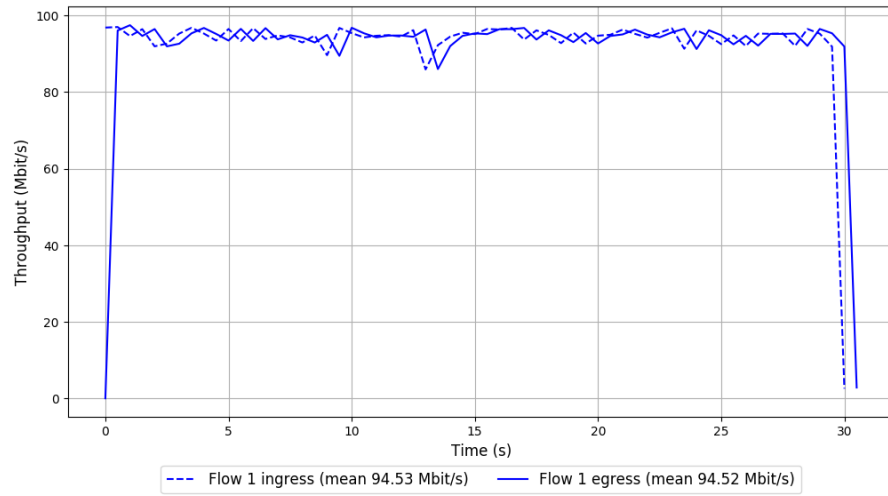
-- Flow 1:

Average throughput: 94.52 Mbit/s

95th percentile per-packet one-way delay: 2.398 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

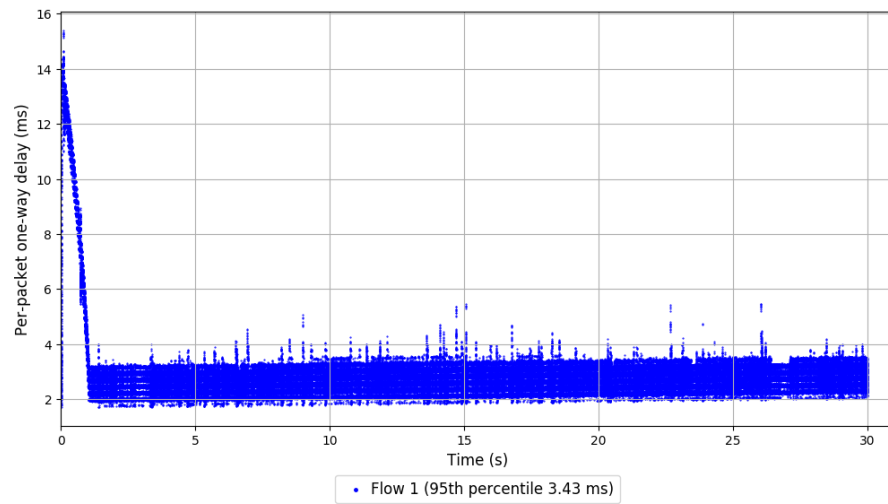
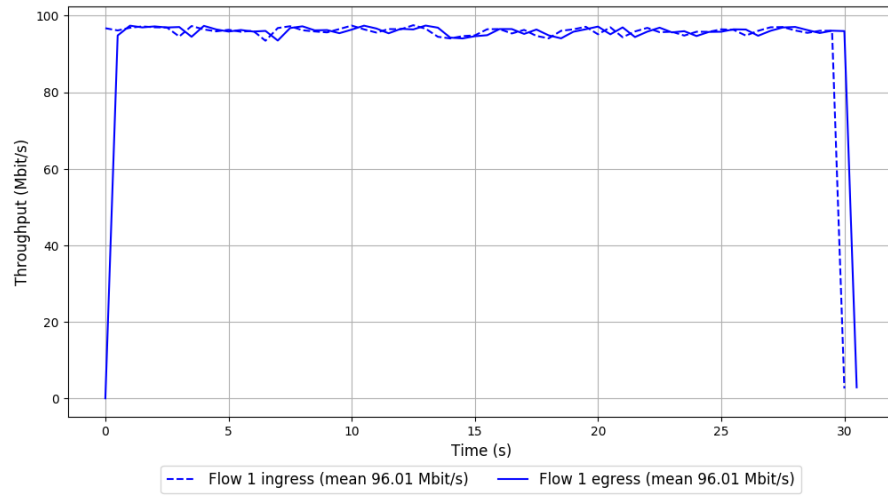


Run 8: Statistics of TCP Vegas

Start at: 2018-05-24 05:35:33
End at: 2018-05-24 05:36:03
Local clock offset: -1.53 ms
Remote clock offset: -7.263 ms

Below is generated by plot.py at 2018-05-24 06:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 3.433 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 3.433 ms
Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link

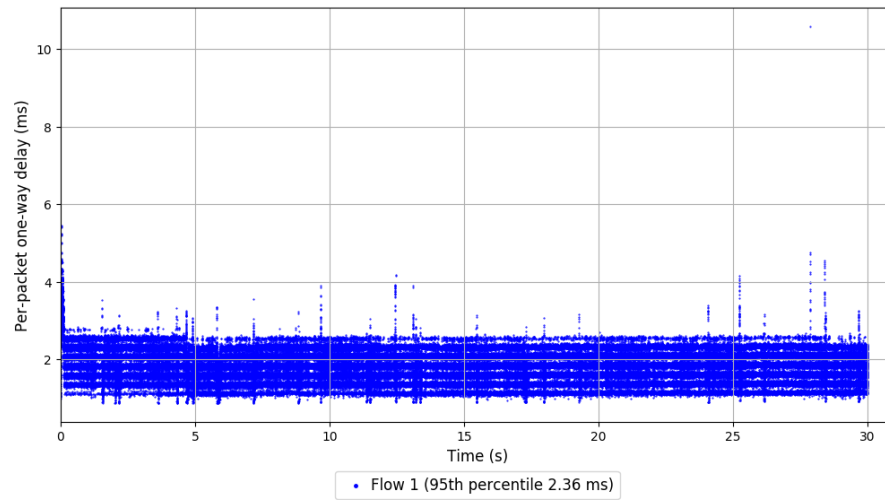
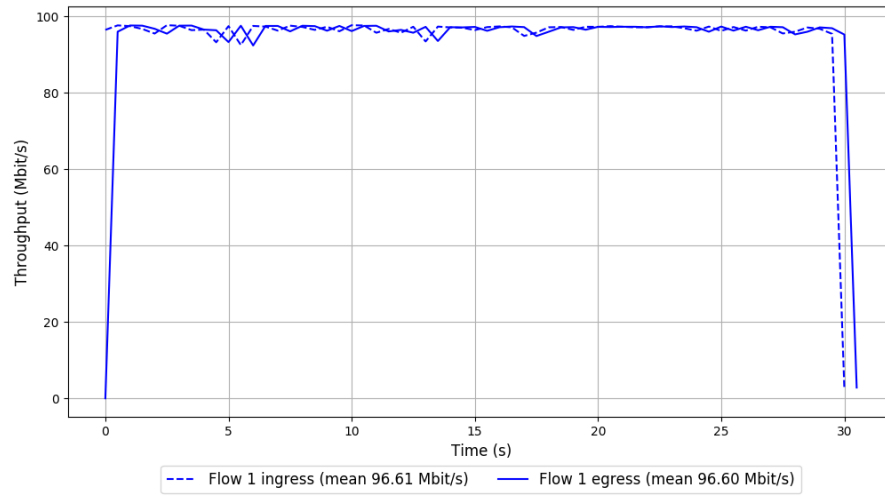


Run 9: Statistics of TCP Vegas

Start at: 2018-05-24 05:53:17
End at: 2018-05-24 05:53:47
Local clock offset: 0.093 ms
Remote clock offset: -10.114 ms

Below is generated by plot.py at 2018-05-24 06:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 2.359 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 2.359 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

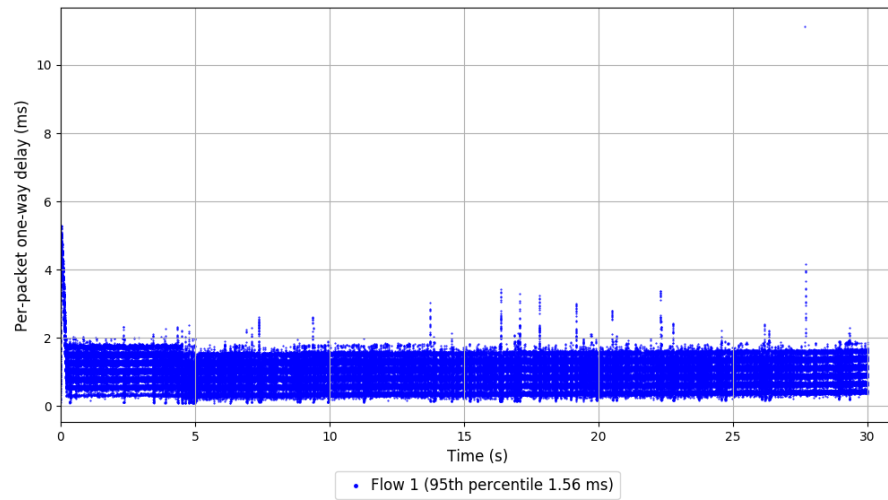
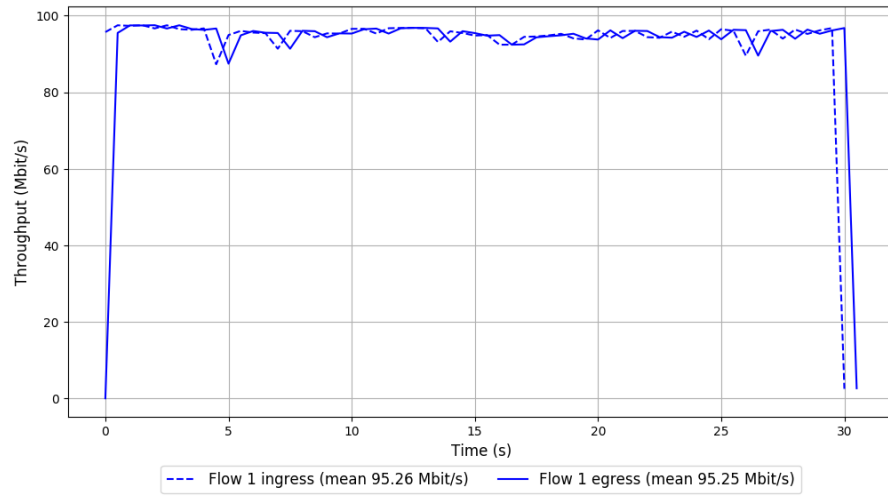


Run 10: Statistics of TCP Vegas

Start at: 2018-05-24 06:11:00
End at: 2018-05-24 06:11:30
Local clock offset: 2.22 ms
Remote clock offset: -12.176 ms

Below is generated by plot.py at 2018-05-24 06:45:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 1.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 1.565 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 03:36:57

End at: 2018-05-24 03:37:27

Local clock offset: -5.339 ms

Remote clock offset: -4.581 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 03:54:38

End at: 2018-05-24 03:55:08

Local clock offset: -6.154 ms

Remote clock offset: -7.453 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 04:12:22

End at: 2018-05-24 04:12:52

Local clock offset: -6.251 ms

Remote clock offset: 5.293 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 04:30:06

End at: 2018-05-24 04:30:36

Local clock offset: -6.13 ms

Remote clock offset: 15.224 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 04:47:50

End at: 2018-05-24 04:48:20

Local clock offset: -5.685 ms

Remote clock offset: 21.19 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 05:05:33

End at: 2018-05-24 05:06:04

Local clock offset: -6.727 ms

Remote clock offset: 26.684 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 05:23:17

End at: 2018-05-24 05:23:47

Local clock offset: -6.109 ms

Remote clock offset: 1.803 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 05:41:02

End at: 2018-05-24 05:41:32

Local clock offset: -0.511 ms

Remote clock offset: -9.625 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 05:58:45

End at: 2018-05-24 05:59:15

Local clock offset: 1.334 ms

Remote clock offset: -10.4 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 06:16:28

End at: 2018-05-24 06:16:58

Local clock offset: 1.836 ms

Remote clock offset: -13.207 ms

Run 10: Report of Verus — Data Link

Figure is missing

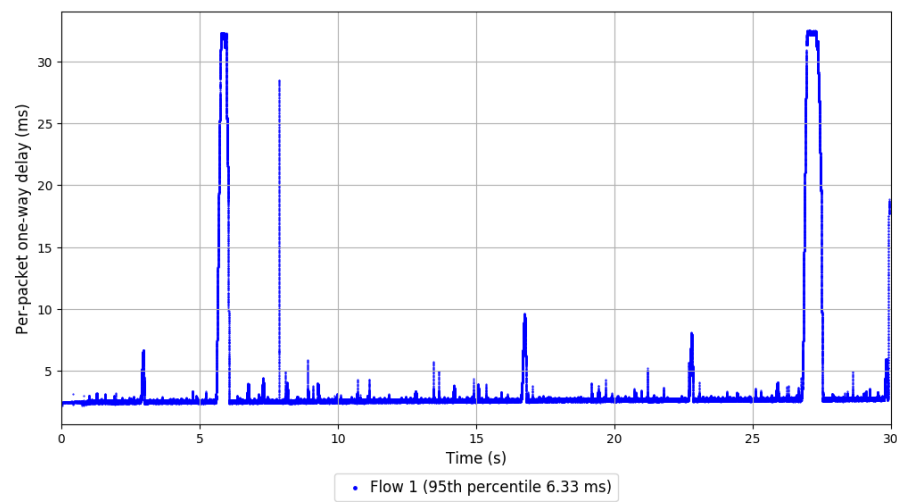
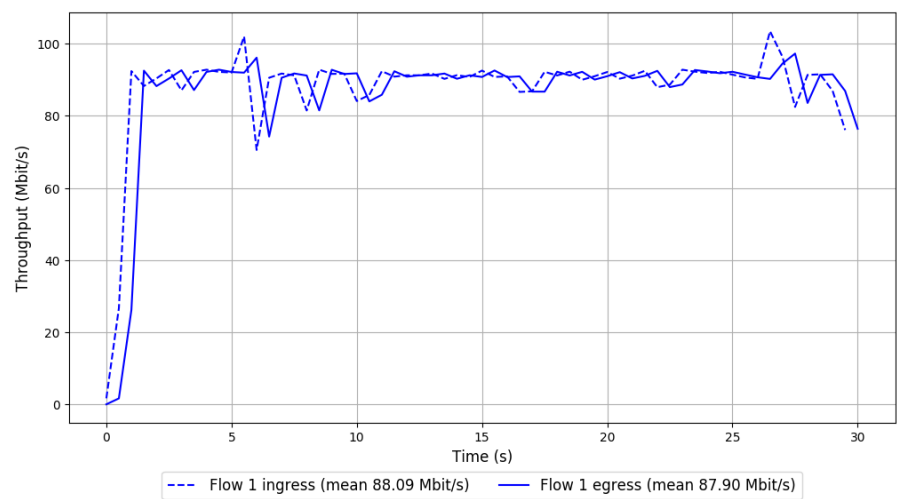
Figure is missing

Run 1: Statistics of PCC-Vivace

Start at: 2018-05-24 03:32:37
End at: 2018-05-24 03:33:07
Local clock offset: -6.158 ms
Remote clock offset: -2.861 ms

Below is generated by plot.py at 2018-05-24 06:45:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 6.330 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 6.330 ms
Loss rate: 0.18%

Run 1: Report of PCC-Vivace — Data Link

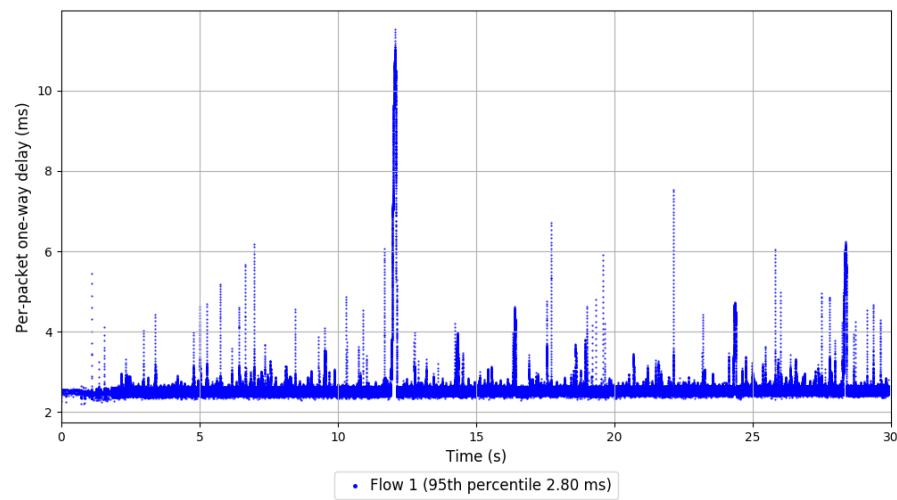
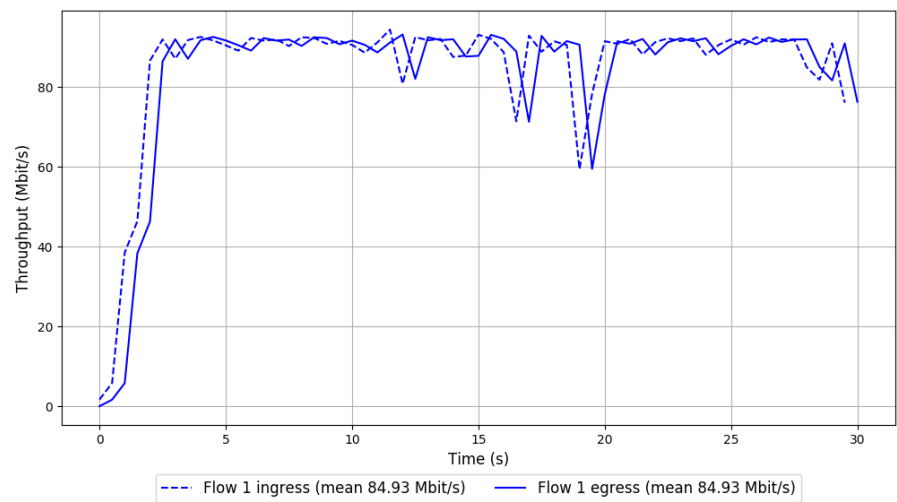


Run 2: Statistics of PCC-Vivace

Start at: 2018-05-24 03:50:17
End at: 2018-05-24 03:50:47
Local clock offset: -6.161 ms
Remote clock offset: -7.052 ms

Below is generated by plot.py at 2018-05-24 06:45:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.93 Mbit/s
95th percentile per-packet one-way delay: 2.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.93 Mbit/s
95th percentile per-packet one-way delay: 2.799 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-05-24 04:08:01

End at: 2018-05-24 04:08:31

Local clock offset: -6.235 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2018-05-24 06:45:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.87 Mbit/s

95th percentile per-packet one-way delay: 1.994 ms

Loss rate: 0.00%

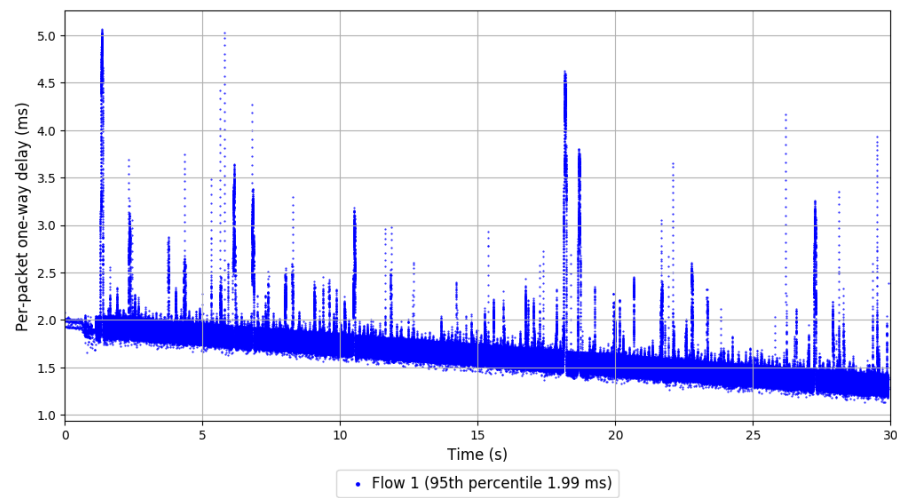
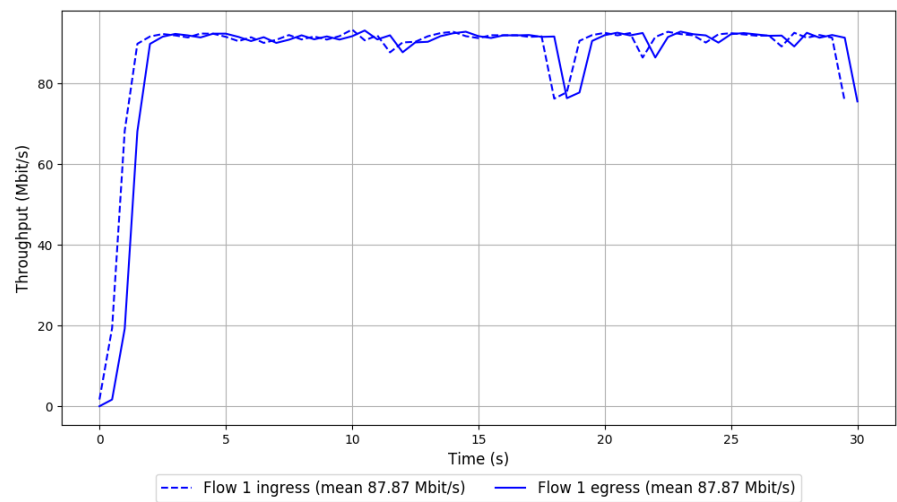
-- Flow 1:

Average throughput: 87.87 Mbit/s

95th percentile per-packet one-way delay: 1.994 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-05-24 04:25:45

End at: 2018-05-24 04:26:15

Local clock offset: -5.605 ms

Remote clock offset: 13.41 ms

Below is generated by plot.py at 2018-05-24 06:45:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 0.172 ms

Loss rate: 0.00%

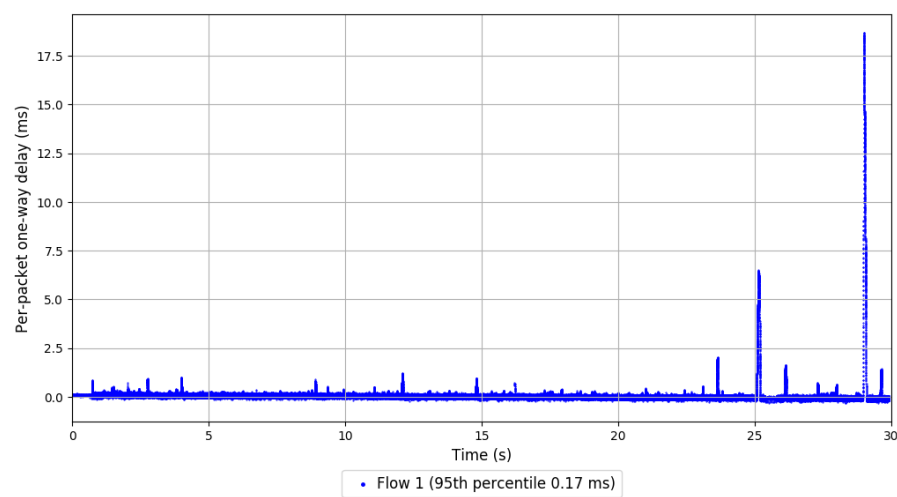
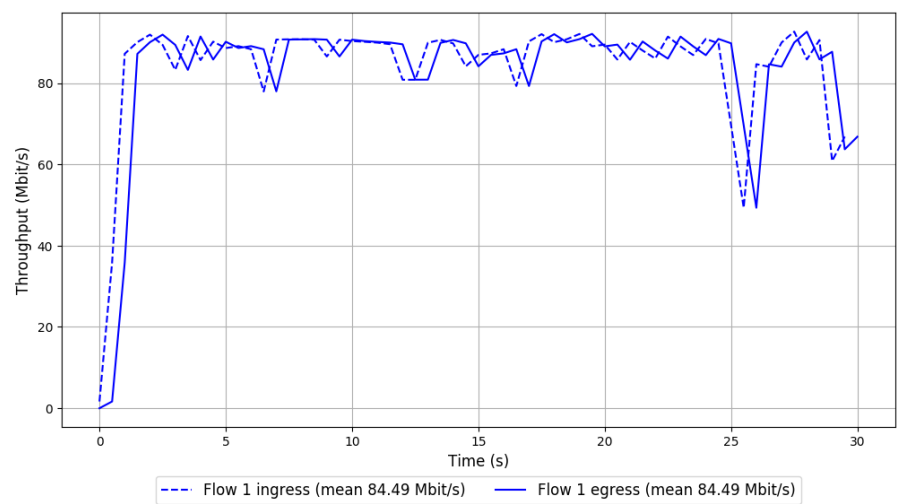
-- Flow 1:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 0.172 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-05-24 04:43:28

End at: 2018-05-24 04:43:59

Local clock offset: -5.802 ms

Remote clock offset: 19.81 ms

Below is generated by plot.py at 2018-05-24 06:46:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.93 Mbit/s

95th percentile per-packet one-way delay: 2.674 ms

Loss rate: 0.03%

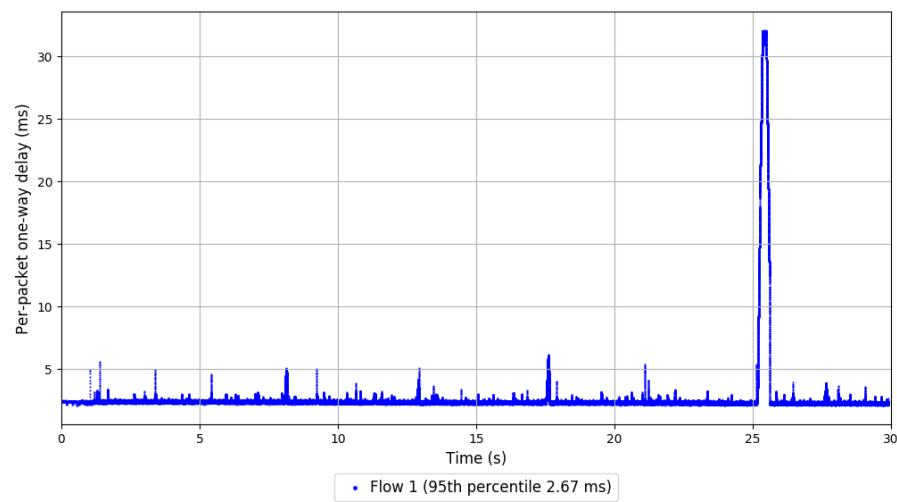
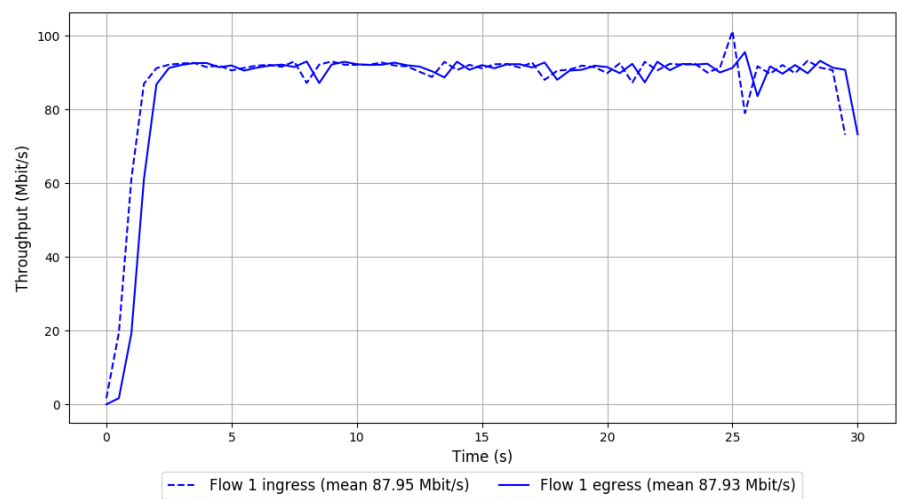
-- Flow 1:

Average throughput: 87.93 Mbit/s

95th percentile per-packet one-way delay: 2.674 ms

Loss rate: 0.03%

Run 5: Report of PCC-Vivace — Data Link

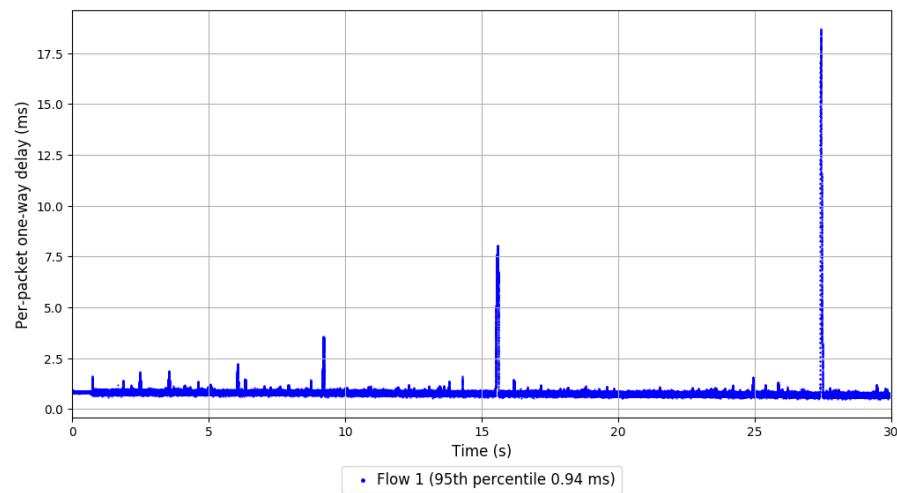
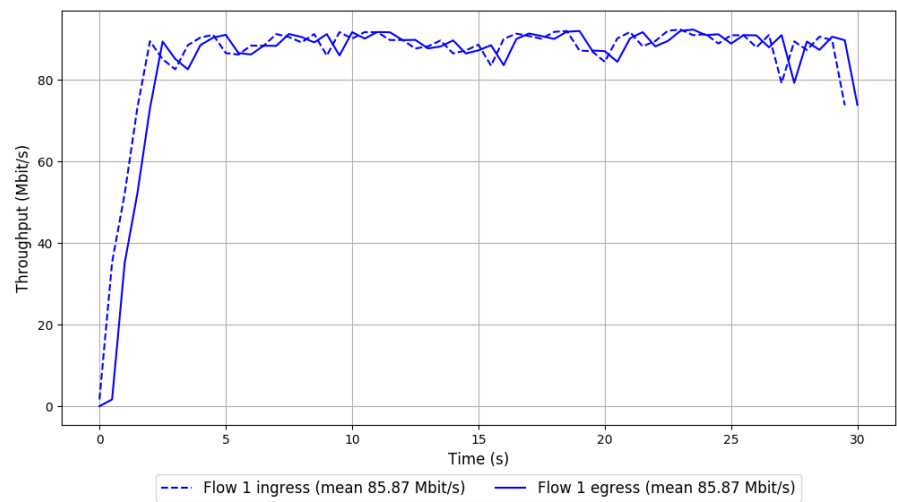


Run 6: Statistics of PCC-Vivace

Start at: 2018-05-24 05:01:12
End at: 2018-05-24 05:01:42
Local clock offset: -5.806 ms
Remote clock offset: 25.285 ms

Below is generated by plot.py at 2018-05-24 06:46:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-05-24 05:18:56

End at: 2018-05-24 05:19:26

Local clock offset: -6.841 ms

Remote clock offset: 8.218 ms

Below is generated by plot.py at 2018-05-24 06:46:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.66 Mbit/s

95th percentile per-packet one-way delay: 3.047 ms

Loss rate: 0.00%

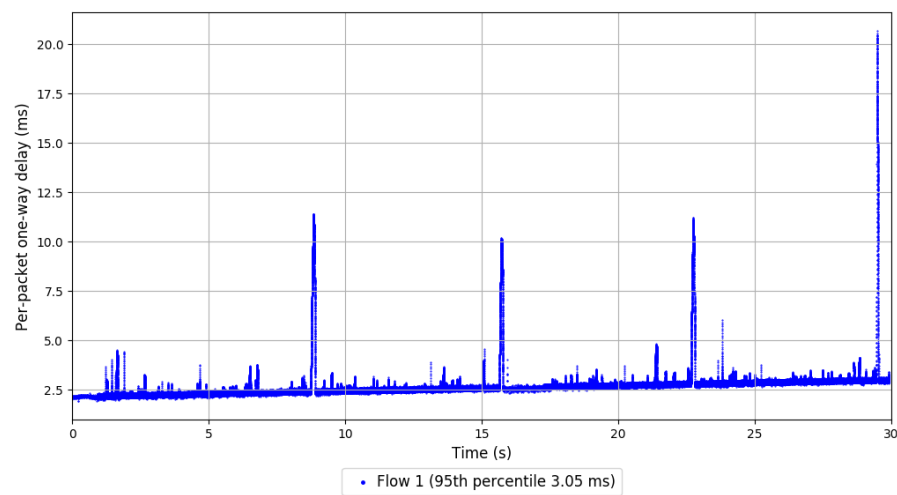
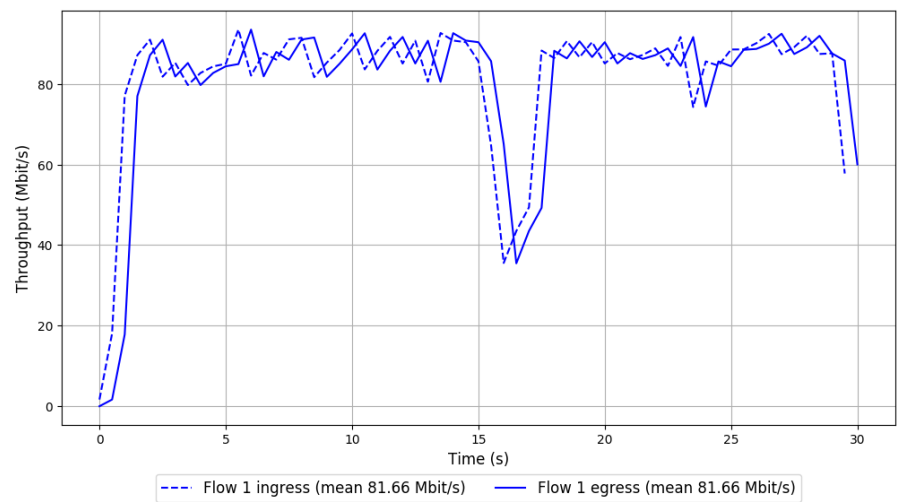
-- Flow 1:

Average throughput: 81.66 Mbit/s

95th percentile per-packet one-way delay: 3.047 ms

Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

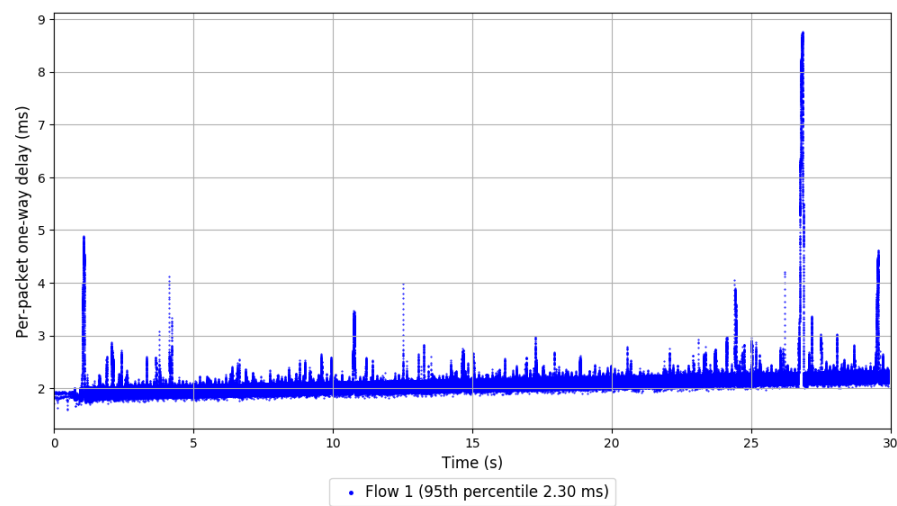
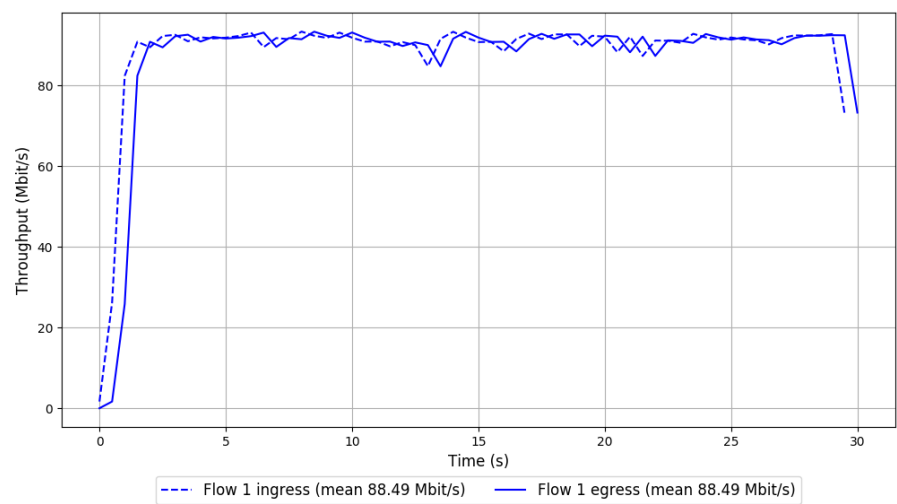


Run 8: Statistics of PCC-Vivace

Start at: 2018-05-24 05:36:40
End at: 2018-05-24 05:37:10
Local clock offset: -1.349 ms
Remote clock offset: -7.803 ms

Below is generated by plot.py at 2018-05-24 06:46:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

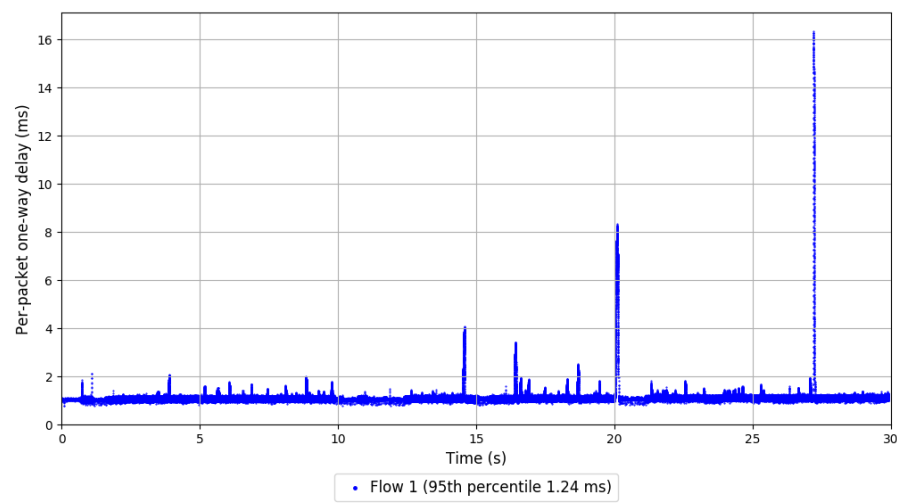
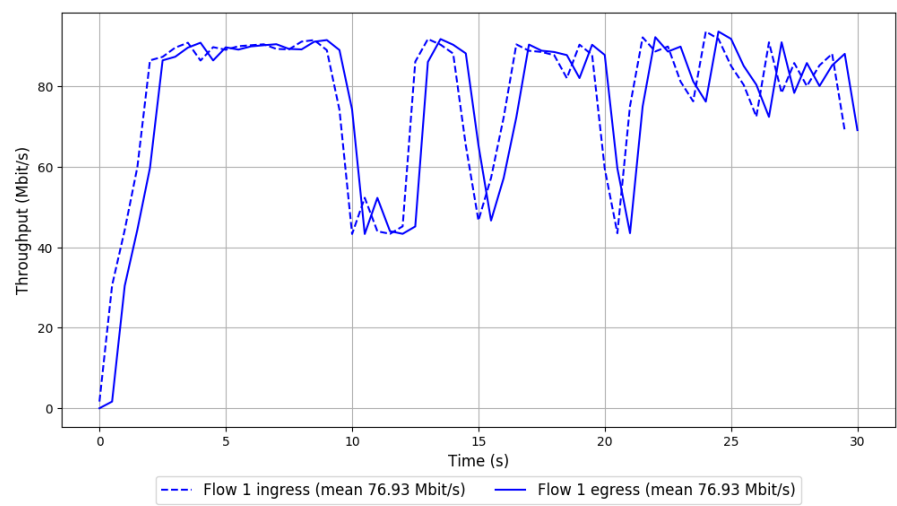


Run 9: Statistics of PCC-Vivace

Start at: 2018-05-24 05:54:24
End at: 2018-05-24 05:54:54
Local clock offset: 0.159 ms
Remote clock offset: -10.115 ms

Below is generated by plot.py at 2018-05-24 06:46:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-05-24 06:12:07

End at: 2018-05-24 06:12:37

Local clock offset: 0.715 ms

Remote clock offset: -12.38 ms

Below is generated by plot.py at 2018-05-24 06:46:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.45 Mbit/s

95th percentile per-packet one-way delay: 2.075 ms

Loss rate: 0.00%

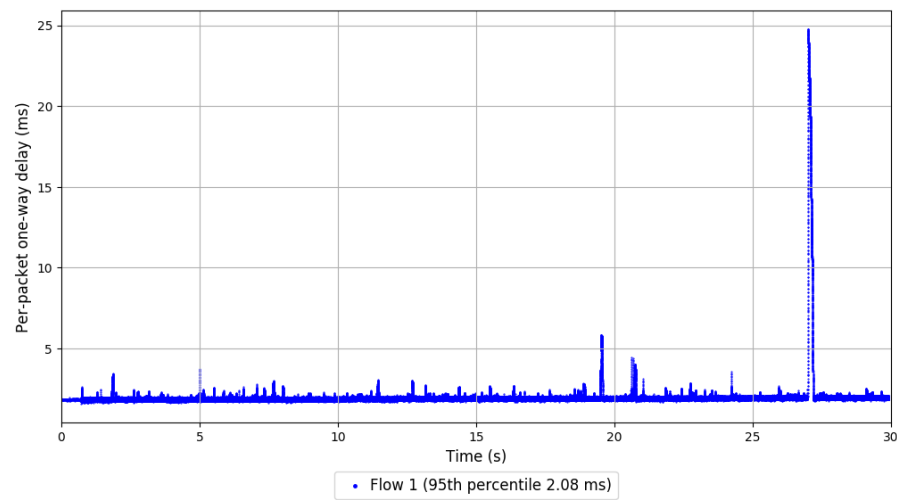
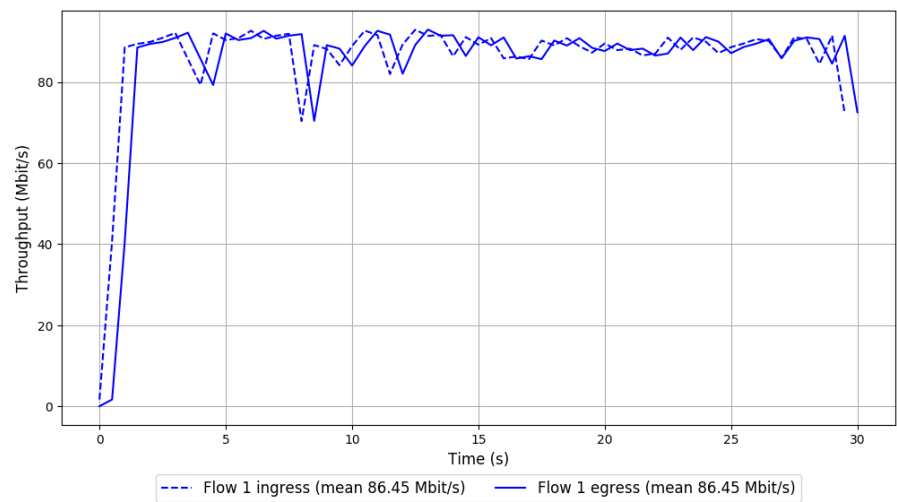
-- Flow 1:

Average throughput: 86.45 Mbit/s

95th percentile per-packet one-way delay: 2.075 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

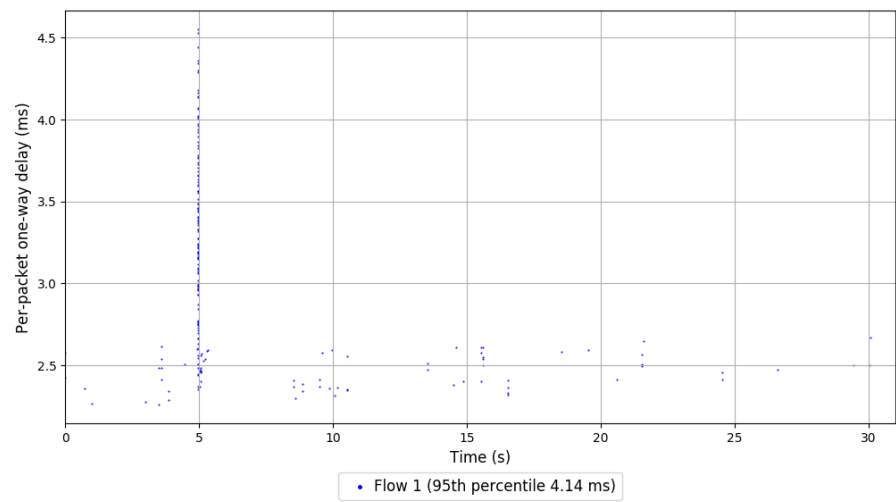
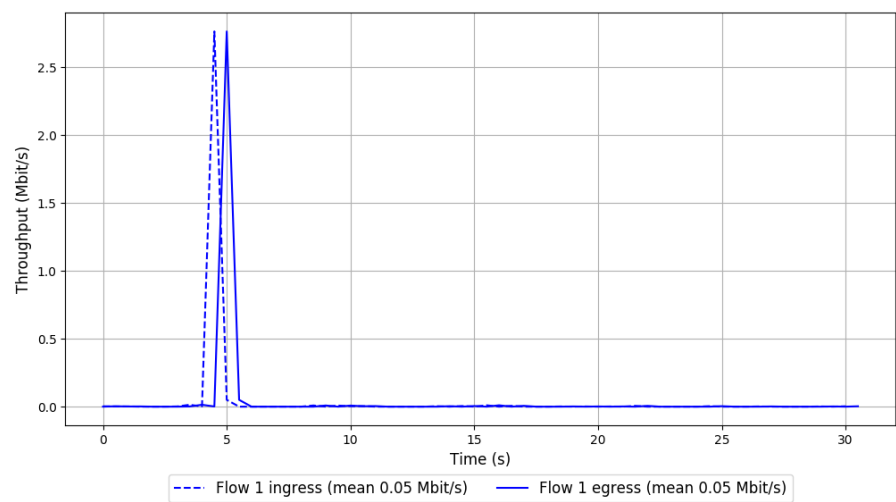


Run 1: Statistics of WebRTC media

Start at: 2018-05-24 03:34:50
End at: 2018-05-24 03:35:20
Local clock offset: -6.116 ms
Remote clock offset: -3.797 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.136 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.136 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

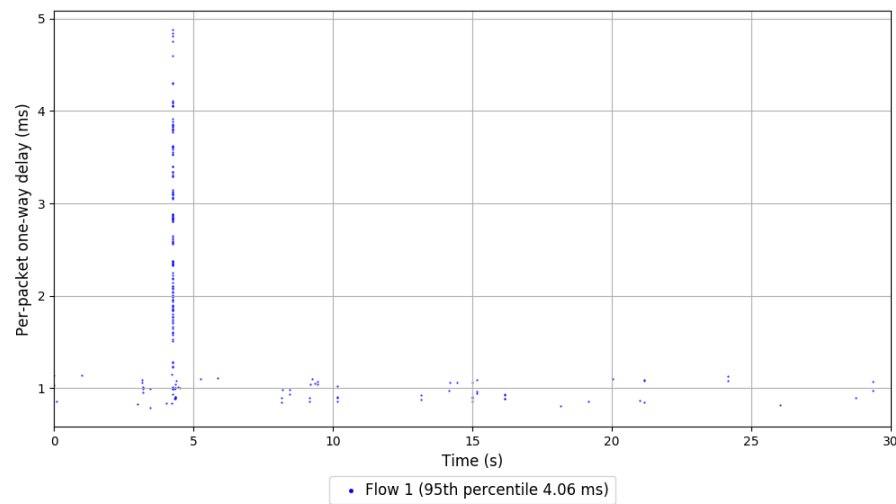
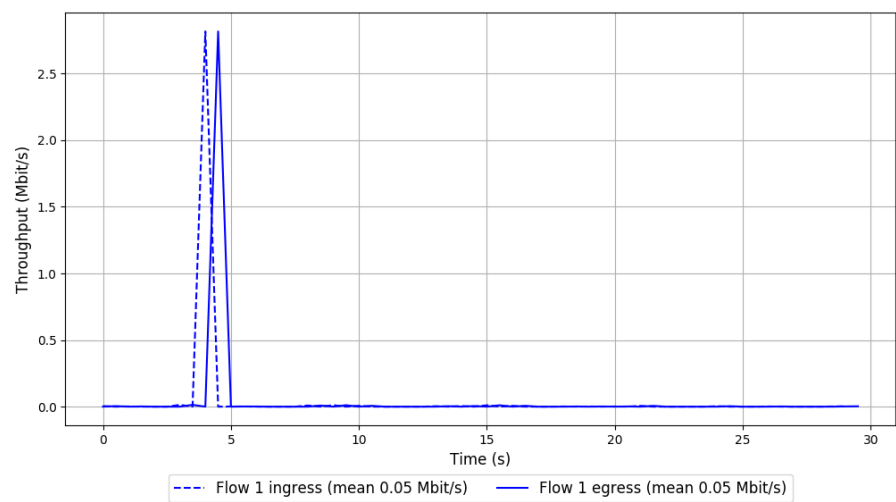


Run 2: Statistics of WebRTC media

Start at: 2018-05-24 03:52:31
End at: 2018-05-24 03:53:01
Local clock offset: -6.199 ms
Remote clock offset: -7.262 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.064 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-05-24 04:10:15

End at: 2018-05-24 04:10:45

Local clock offset: -7.086 ms

Remote clock offset: 3.023 ms

Below is generated by plot.py at 2018-05-24 06:46:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.856 ms

Loss rate: 0.00%

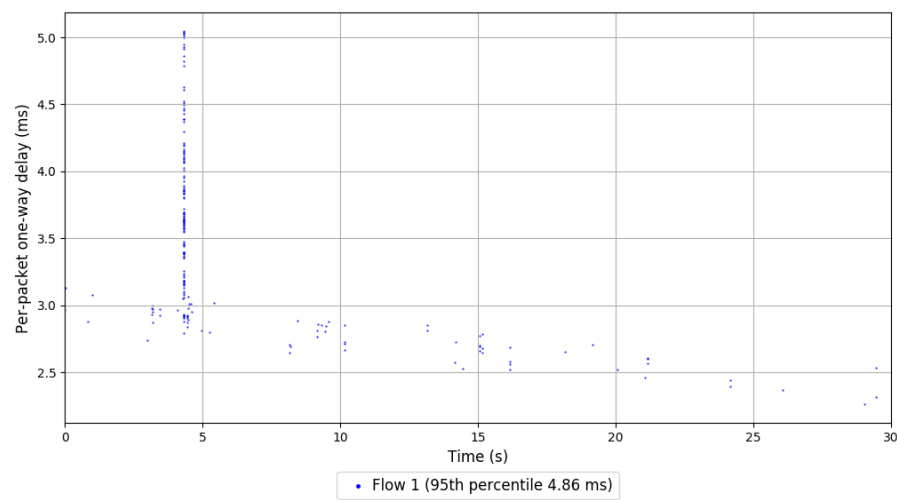
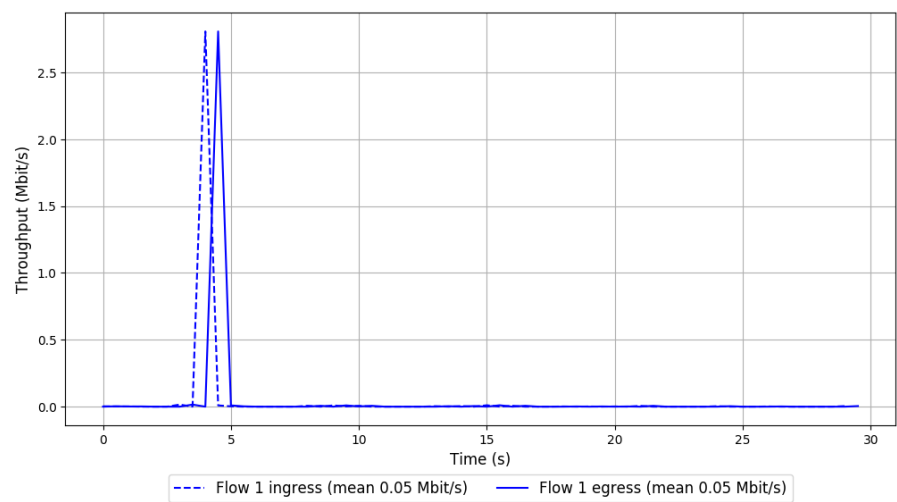
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.856 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

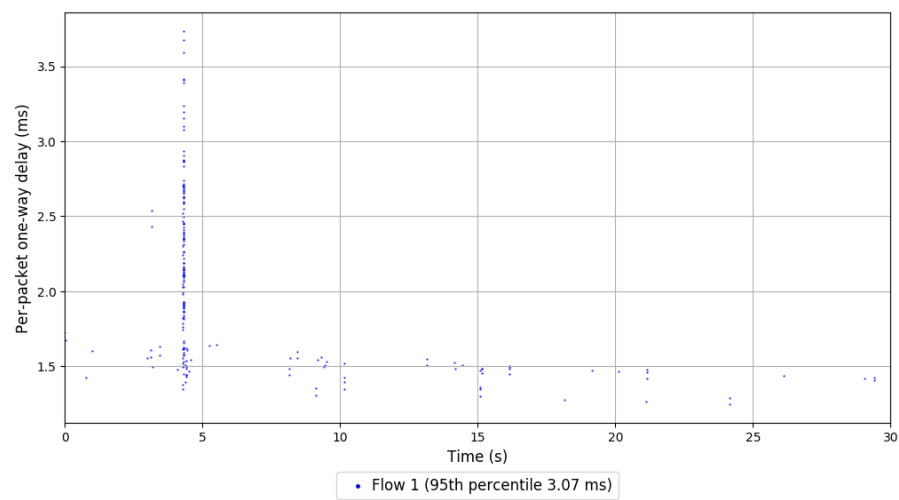
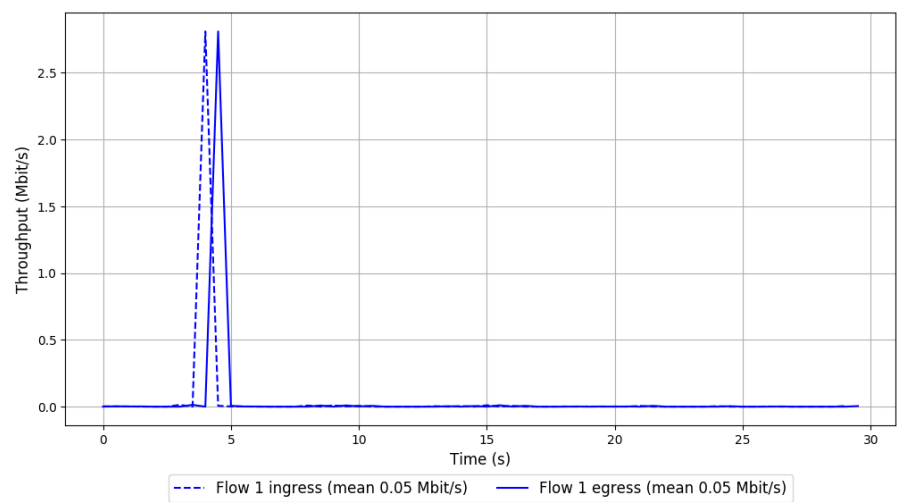


Run 4: Statistics of WebRTC media

Start at: 2018-05-24 04:27:59
End at: 2018-05-24 04:28:29
Local clock offset: -5.402 ms
Remote clock offset: 14.405 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.074 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

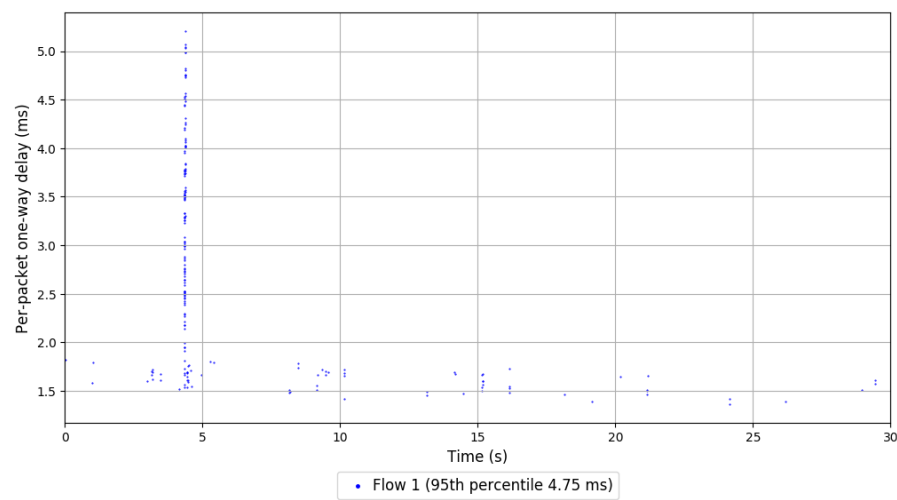
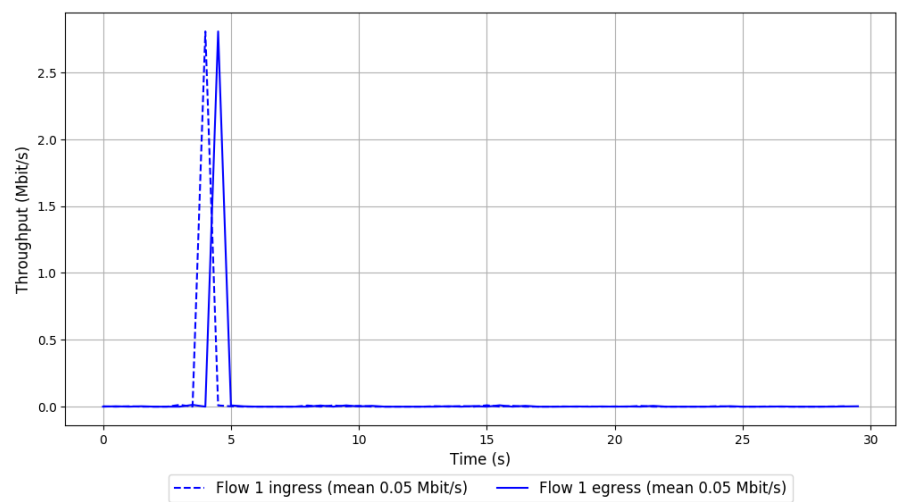


Run 5: Statistics of WebRTC media

Start at: 2018-05-24 04:45:43
End at: 2018-05-24 04:46:13
Local clock offset: -6.542 ms
Remote clock offset: 20.518 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.747 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

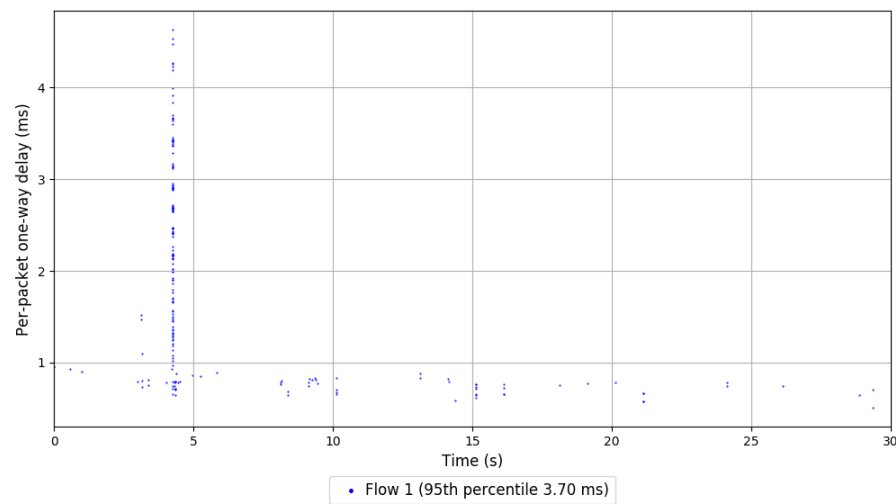
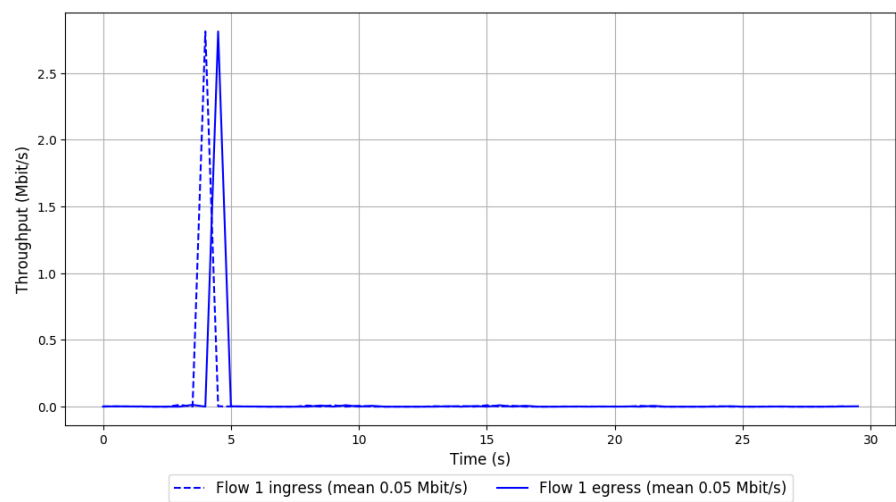


Run 6: Statistics of WebRTC media

Start at: 2018-05-24 05:03:26
End at: 2018-05-24 05:03:56
Local clock offset: -5.854 ms
Remote clock offset: 25.974 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-05-24 05:21:10

End at: 2018-05-24 05:21:40

Local clock offset: -5.26 ms

Remote clock offset: 4.383 ms

Below is generated by plot.py at 2018-05-24 06:46:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.269 ms

Loss rate: 0.00%

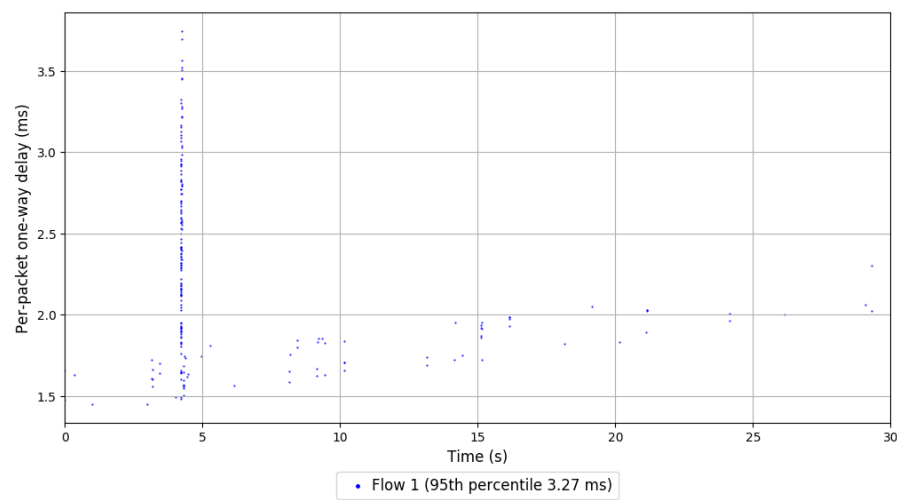
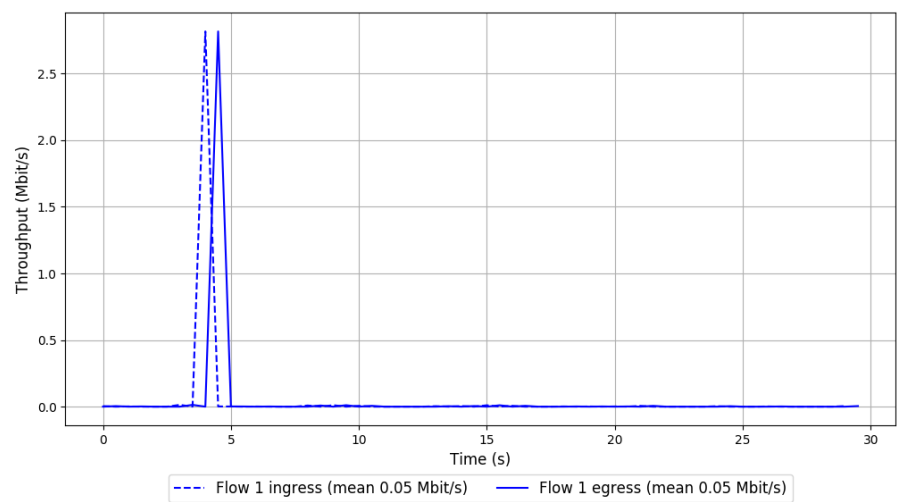
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.269 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

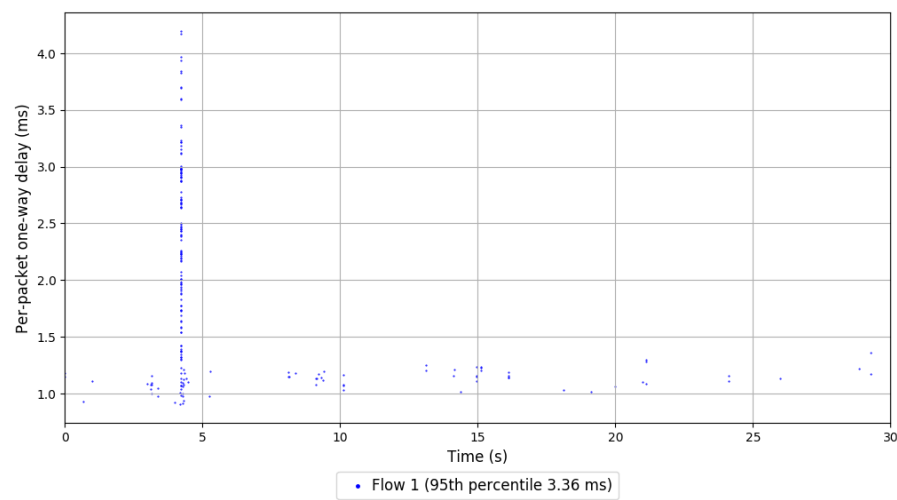
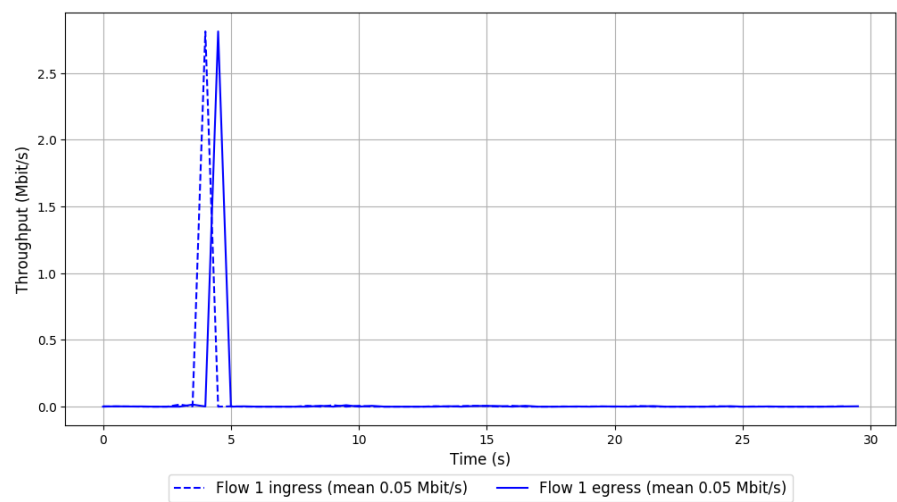


Run 8: Statistics of WebRTC media

Start at: 2018-05-24 05:38:55
End at: 2018-05-24 05:39:25
Local clock offset: -1.694 ms
Remote clock offset: -8.848 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.363 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

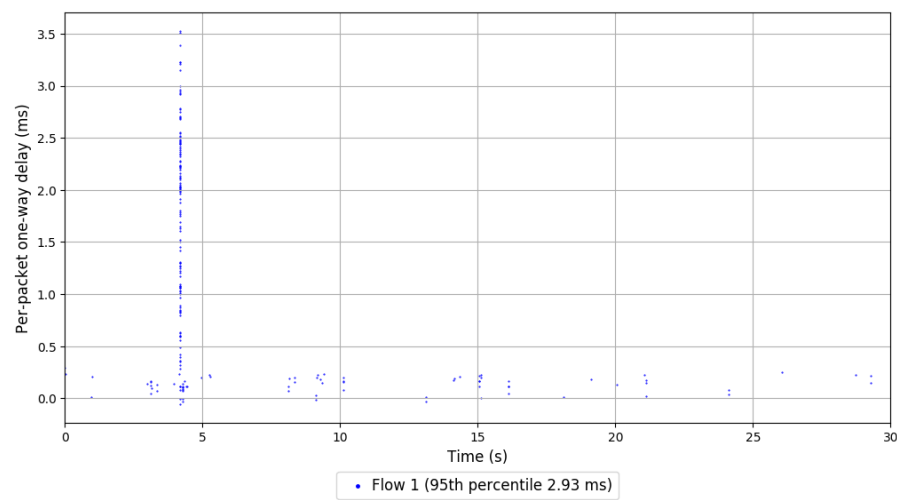
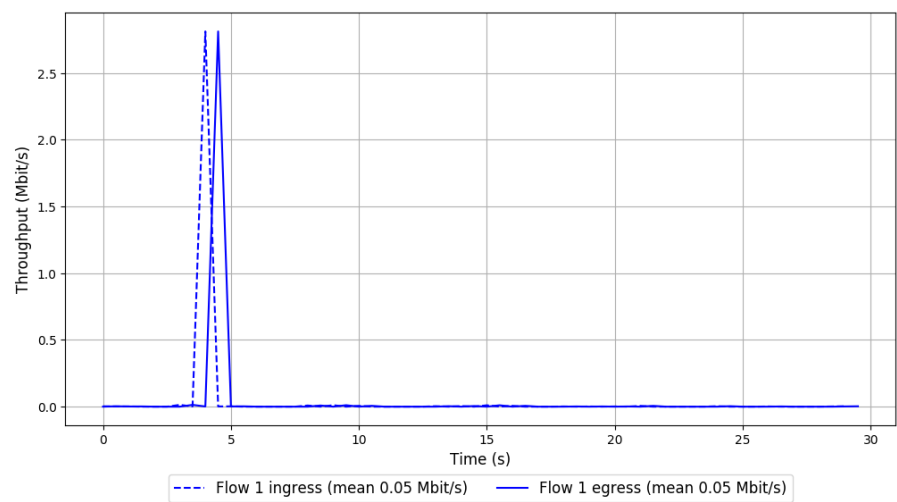


Run 9: Statistics of WebRTC media

Start at: 2018-05-24 05:56:38
End at: 2018-05-24 05:57:08
Local clock offset: 1.179 ms
Remote clock offset: -10.266 ms

Below is generated by plot.py at 2018-05-24 06:46:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.926 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.926 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-24 06:14:21

End at: 2018-05-24 06:14:51

Local clock offset: 0.9 ms

Remote clock offset: -12.764 ms

Below is generated by plot.py at 2018-05-24 06:46:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.887 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.887 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

