

Pantheon Report

Generated at 2018-05-25 04:38:41 (UTC).

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

Repeated the test of 16 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

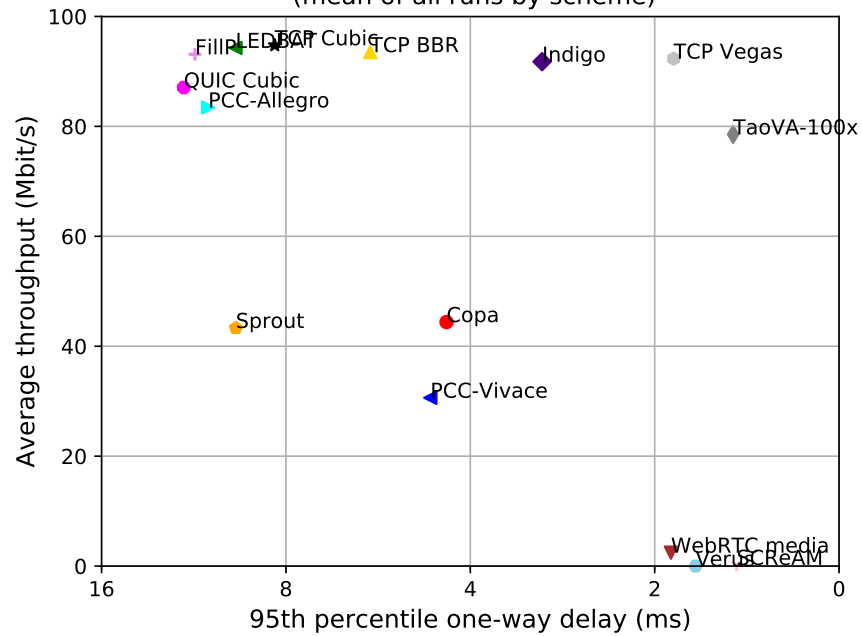
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

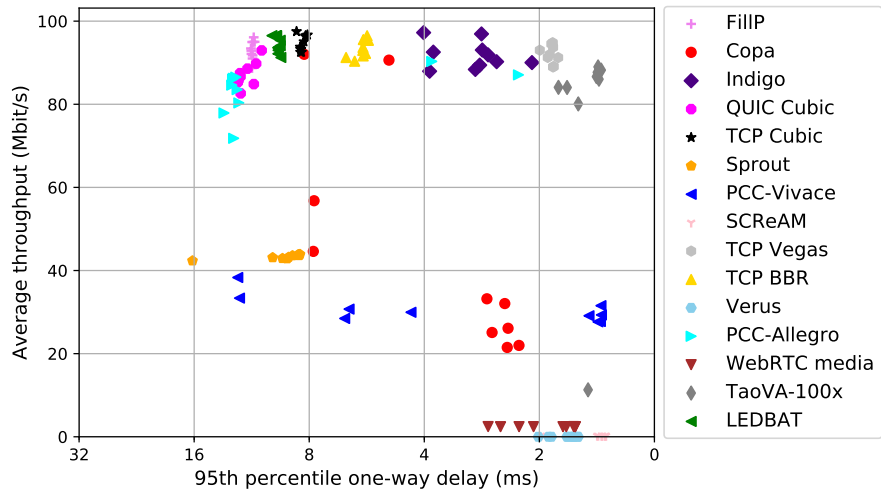
Git summary:

```
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-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from Brazil to AWS Brazil 1, 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	93.50	5.83	0.02
Copa	10	44.40	4.37	0.01
TCP Cubic	10	94.75	8.34	0.06
FillP	10	93.10	11.26	0.03
Indigo	10	91.77	3.05	0.01
LEDBAT	10	94.28	9.67	0.09
PCC-Allegro	10	83.44	10.72	0.26
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	10	87.07	11.75	0.05
SCReAM	10	0.22	1.11	0.07
Sprout	10	43.32	9.66	0.01
TaoVA-100x	10	78.53	1.15	0.01
TCP Vegas	10	92.31	1.79	0.01
Verus	10	0.00	1.56	0.00
PCC-Vivace	10	30.62	4.65	0.03
WebRTC media	10	2.44	1.82	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-05-25 01:27:32

End at: 2018-05-25 01:28:02

Local clock offset: -5.878 ms

Remote clock offset: -6.221 ms

Below is generated by plot.py at 2018-05-25 04:23:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 6.408 ms

Loss rate: 0.02%

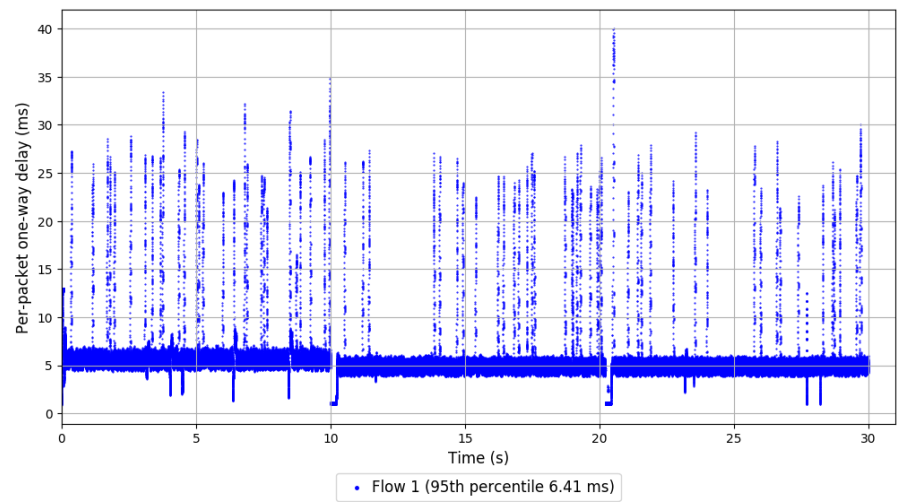
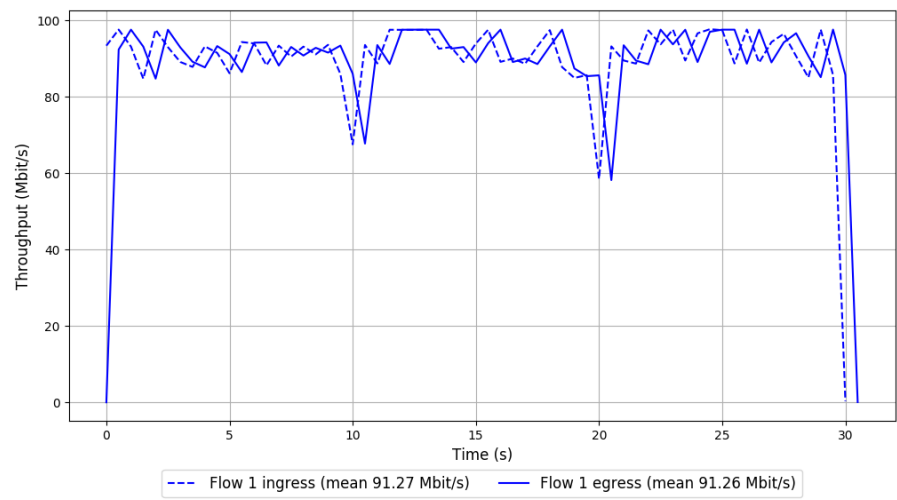
-- Flow 1:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 6.408 ms

Loss rate: 0.02%

Run 1: Report of TCP BBR — Data Link

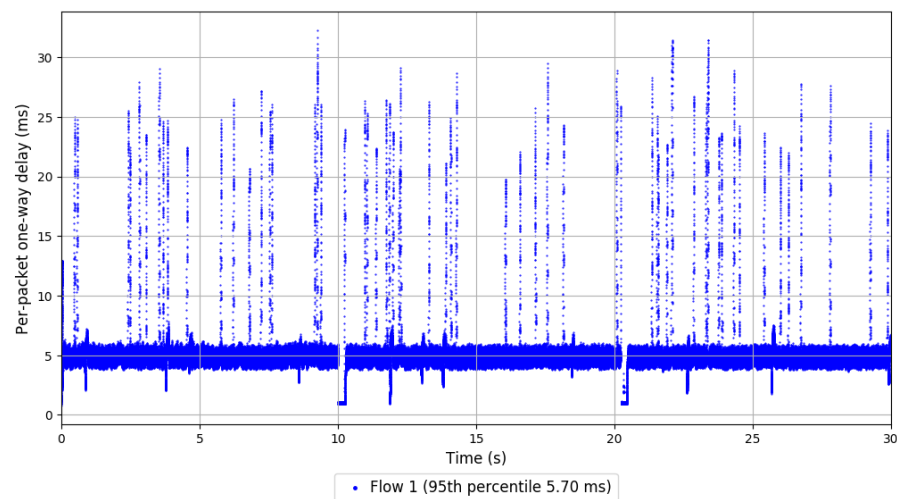
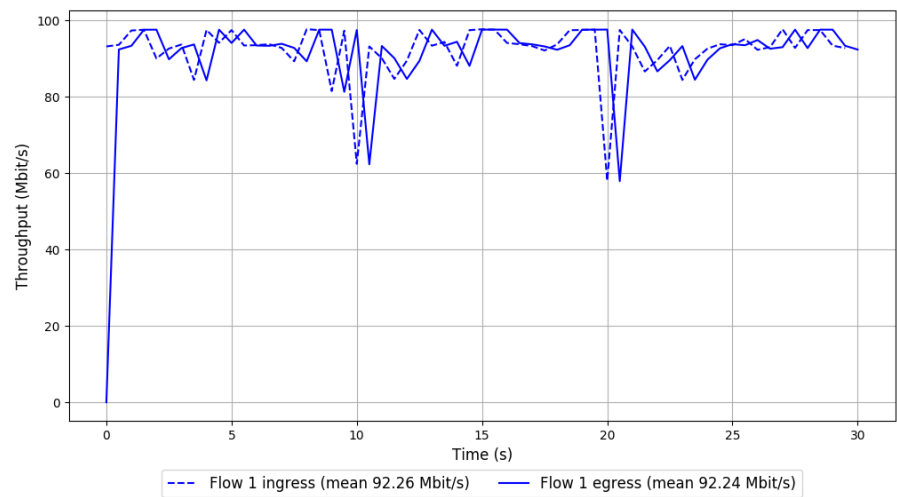


Run 2: Statistics of TCP BBR

Start at: 2018-05-25 01:45:09
End at: 2018-05-25 01:45:39
Local clock offset: -5.698 ms
Remote clock offset: -5.711 ms

Below is generated by plot.py at 2018-05-25 04:23:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 5.700 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 5.700 ms
Loss rate: 0.02%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-05-25 02:02:45

End at: 2018-05-25 02:03:15

Local clock offset: -5.703 ms

Remote clock offset: -5.07 ms

Below is generated by plot.py at 2018-05-25 04:23:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.36 Mbit/s

95th percentile per-packet one-way delay: 6.085 ms

Loss rate: 0.02%

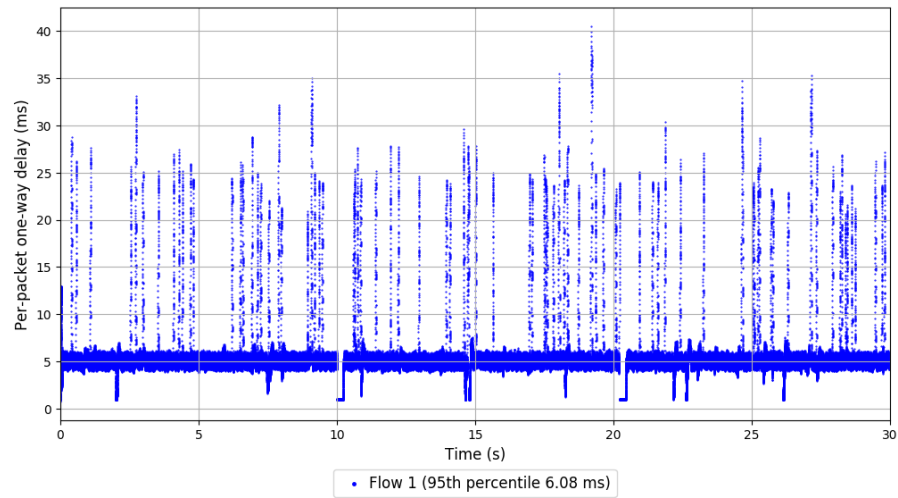
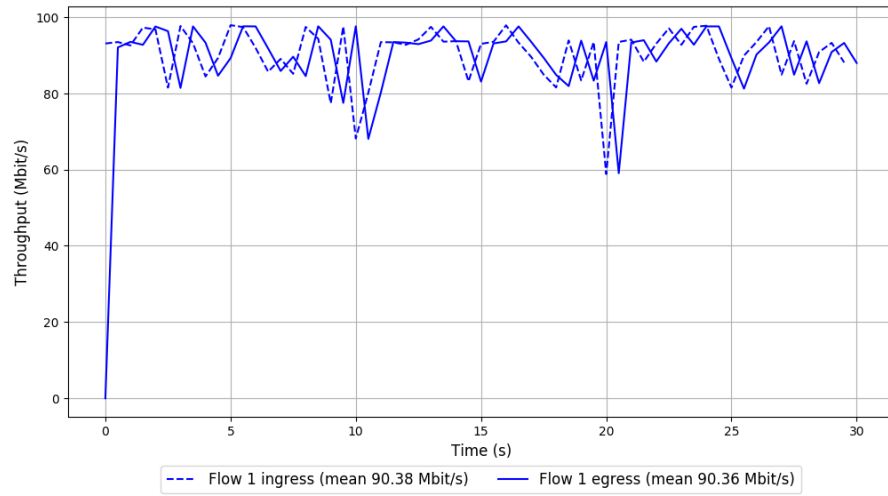
-- Flow 1:

Average throughput: 90.36 Mbit/s

95th percentile per-packet one-way delay: 6.085 ms

Loss rate: 0.02%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-05-25 02:20:26

End at: 2018-05-25 02:20:56

Local clock offset: -5.714 ms

Remote clock offset: -5.654 ms

Below is generated by plot.py at 2018-05-25 04:23:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 5.645 ms

Loss rate: 0.02%

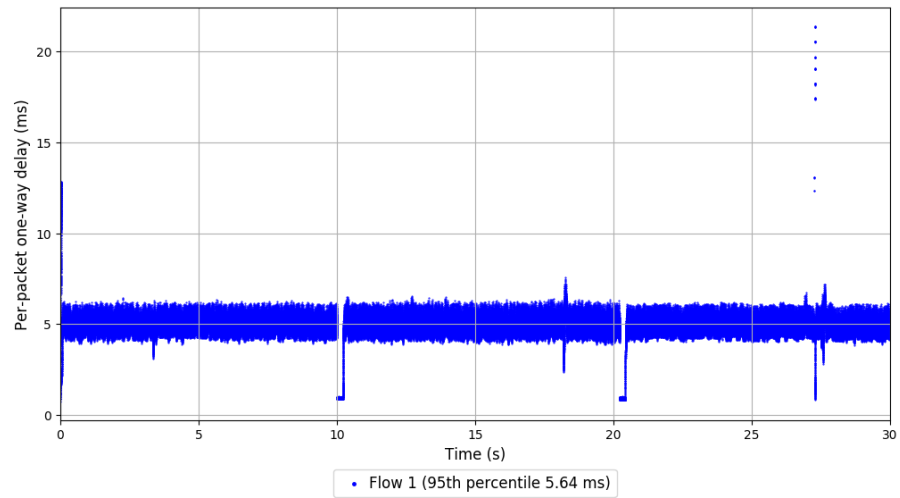
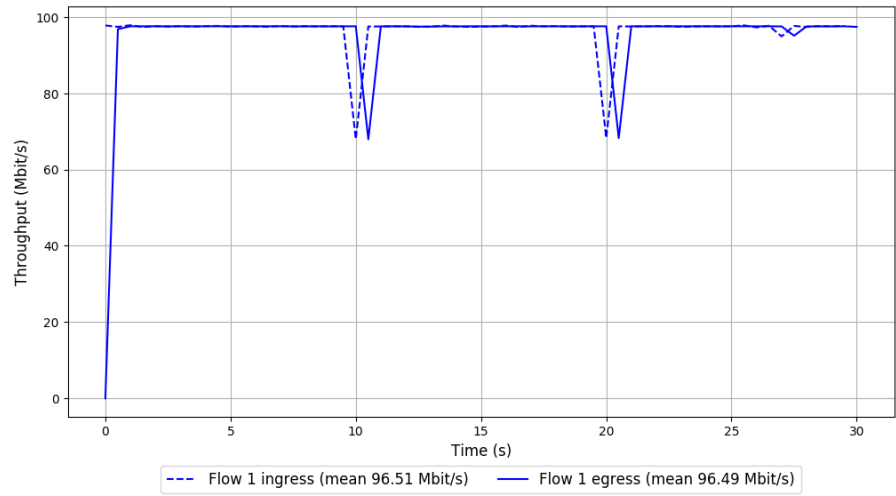
-- Flow 1:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 5.645 ms

Loss rate: 0.02%

Run 4: Report of TCP BBR — Data Link

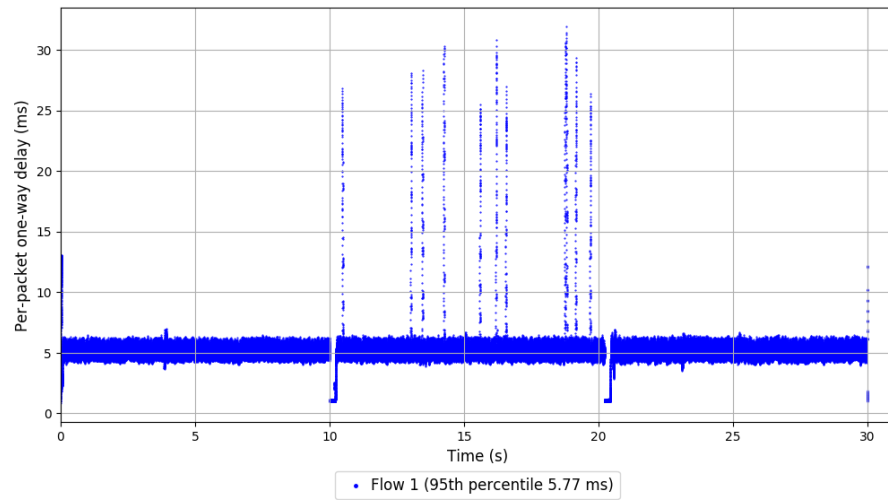
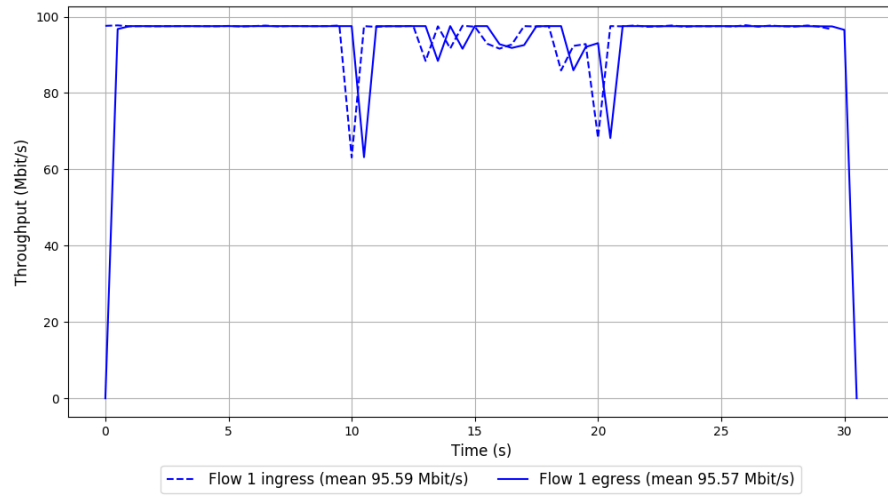


Run 5: Statistics of TCP BBR

Start at: 2018-05-25 02:38:09
End at: 2018-05-25 02:38:39
Local clock offset: -5.791 ms
Remote clock offset: -6.516 ms

Below is generated by plot.py at 2018-05-25 04:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 5.774 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 5.774 ms
Loss rate: 0.02%

Run 5: Report of TCP BBR — Data Link

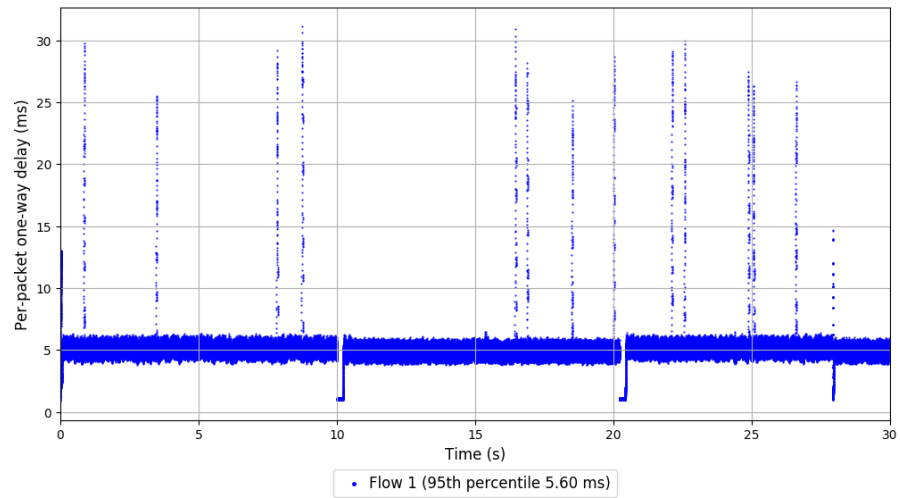
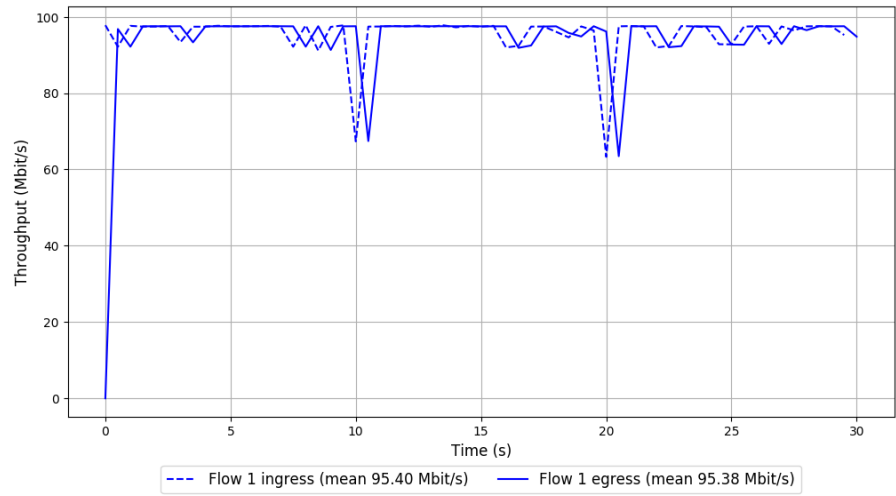


Run 6: Statistics of TCP BBR

Start at: 2018-05-25 02:55:46
End at: 2018-05-25 02:56:16
Local clock offset: -5.821 ms
Remote clock offset: -6.665 ms

Below is generated by plot.py at 2018-05-25 04:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 5.601 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 5.601 ms
Loss rate: 0.02%

Run 6: Report of TCP BBR — Data Link

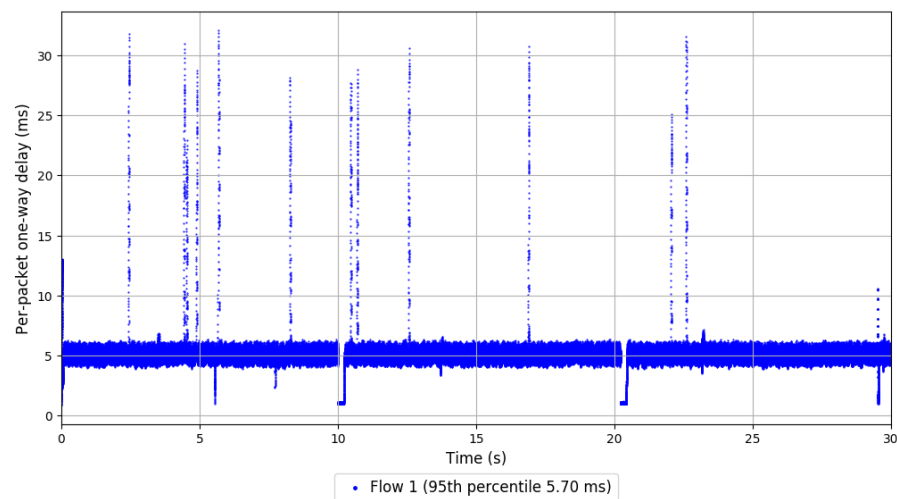
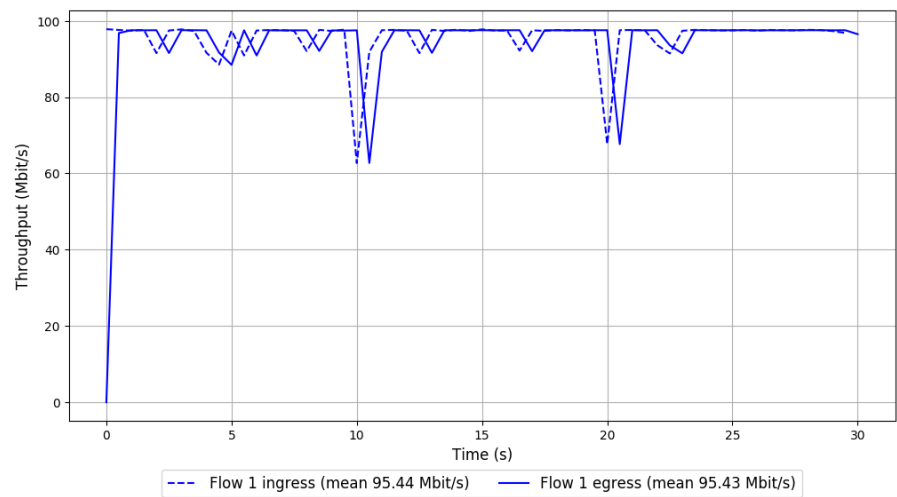


Run 7: Statistics of TCP BBR

Start at: 2018-05-25 03:13:24
End at: 2018-05-25 03:13:54
Local clock offset: -5.897 ms
Remote clock offset: -6.727 ms

Below is generated by plot.py at 2018-05-25 04:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 5.697 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 5.697 ms
Loss rate: 0.02%

Run 7: Report of TCP BBR — Data Link

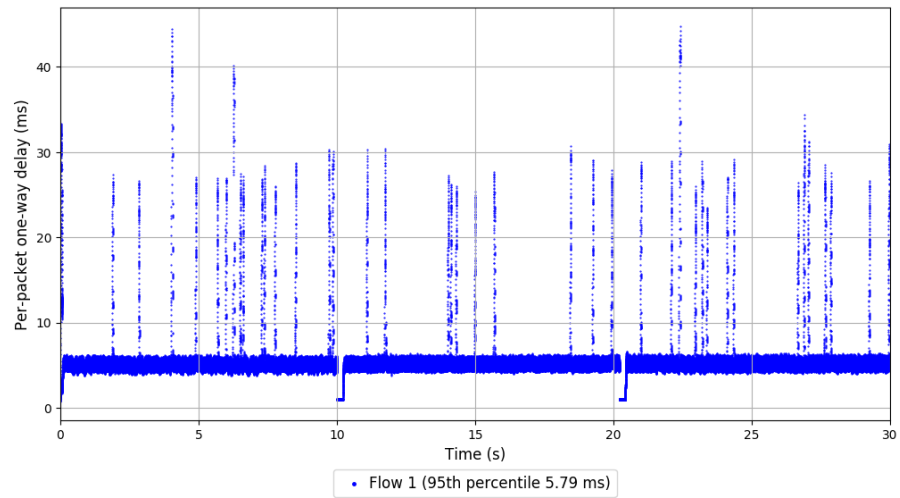
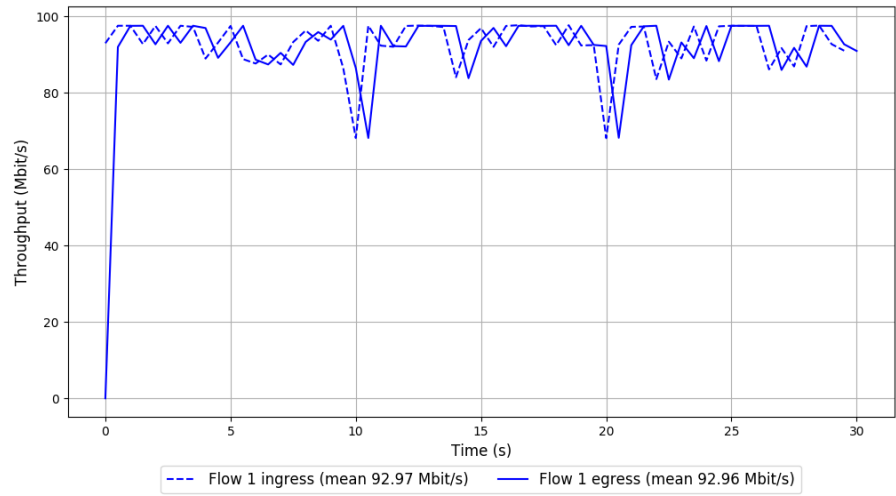


Run 8: Statistics of TCP BBR

Start at: 2018-05-25 03:31:03
End at: 2018-05-25 03:31:33
Local clock offset: -5.969 ms
Remote clock offset: -4.339 ms

Below is generated by plot.py at 2018-05-25 04:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 5.794 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 5.794 ms
Loss rate: 0.02%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-05-25 03:48:34

End at: 2018-05-25 03:49:04

Local clock offset: -5.806 ms

Remote clock offset: -2.368 ms

Below is generated by plot.py at 2018-05-25 04:24:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 5.786 ms

Loss rate: 0.02%

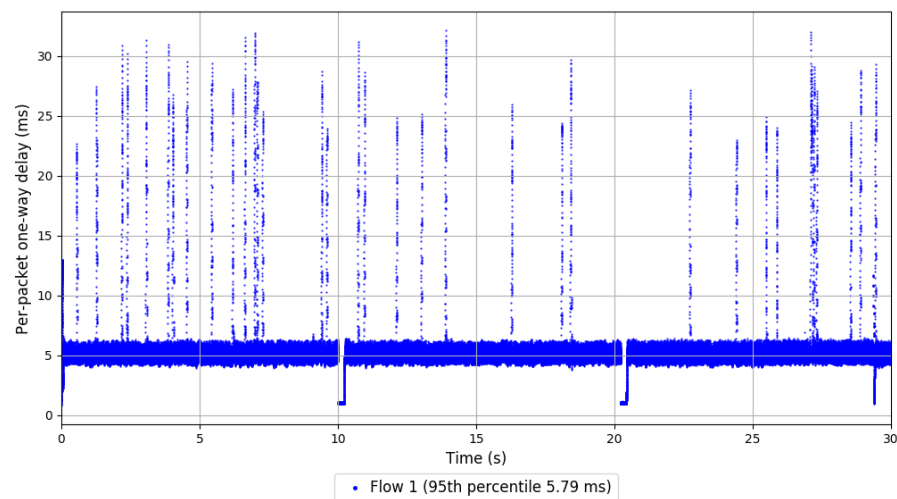
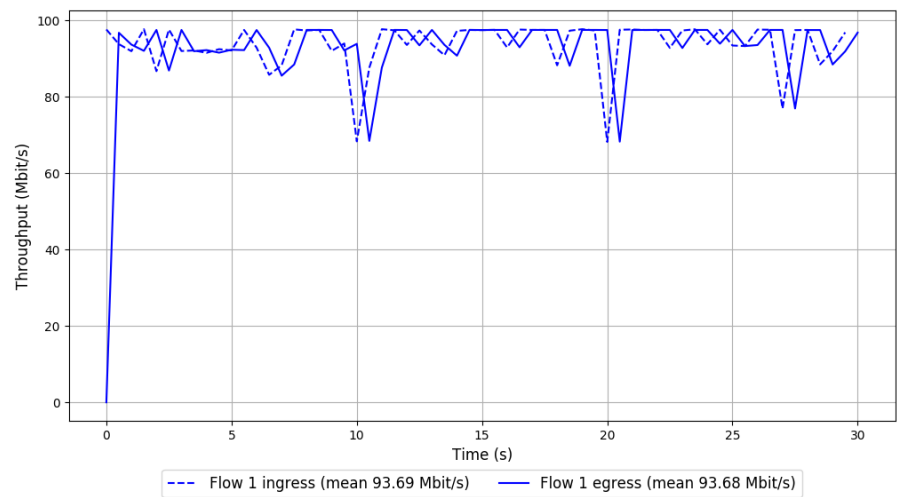
-- Flow 1:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 5.786 ms

Loss rate: 0.02%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-05-25 04:06:12

End at: 2018-05-25 04:06:42

Local clock offset: -5.704 ms

Remote clock offset: -2.331 ms

Below is generated by plot.py at 2018-05-25 04:24:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 5.780 ms

Loss rate: 0.02%

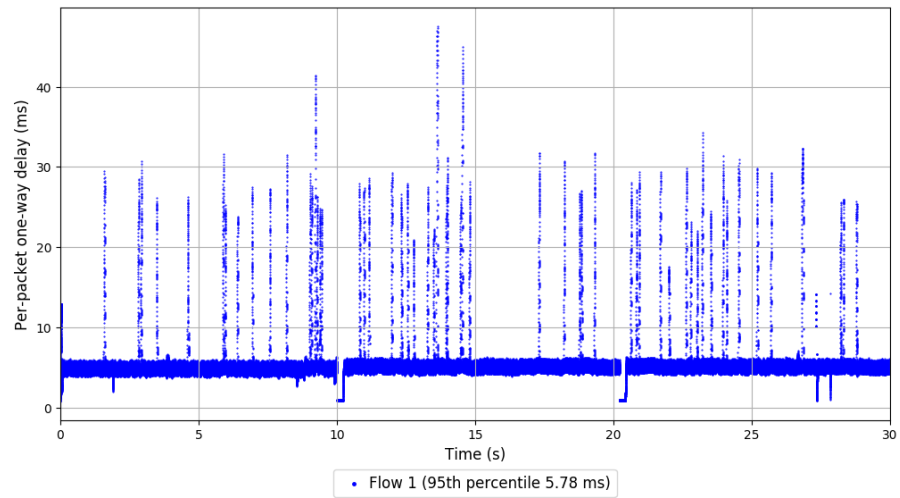
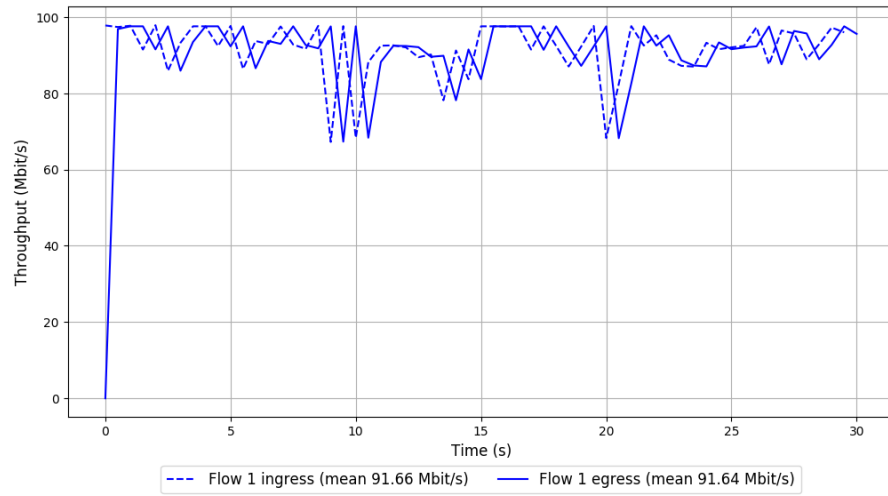
-- Flow 1:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 5.780 ms

Loss rate: 0.02%

Run 10: Report of TCP BBR — Data Link

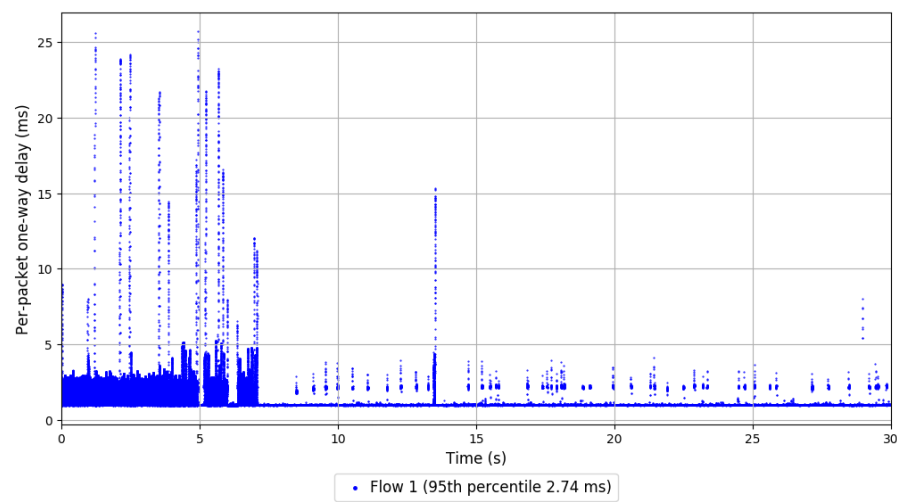
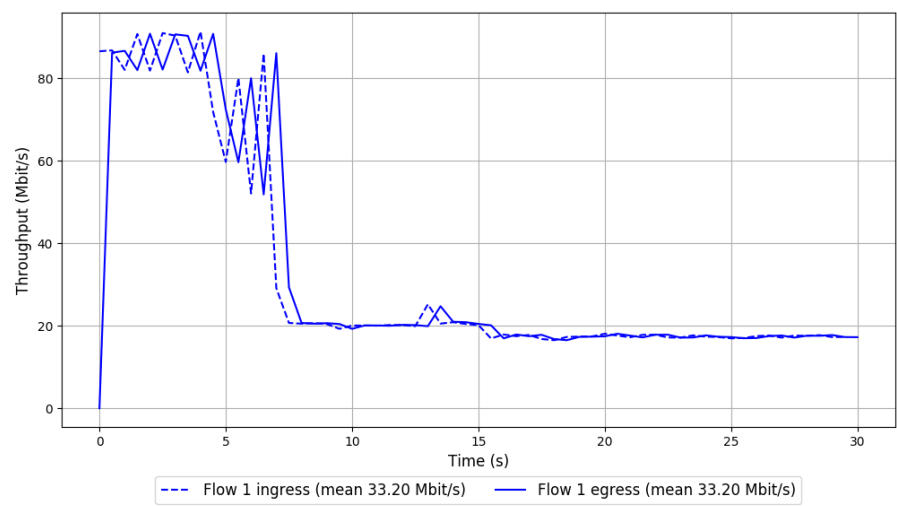


Run 1: Statistics of Copa

Start at: 2018-05-25 01:33:04
End at: 2018-05-25 01:33:34
Local clock offset: -5.787 ms
Remote clock offset: -6.178 ms

Below is generated by plot.py at 2018-05-25 04:24:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 2.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 2.743 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

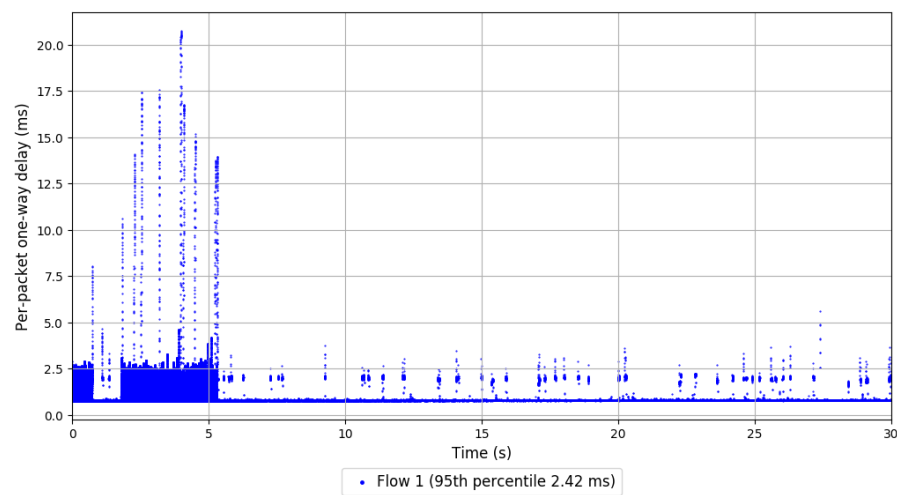
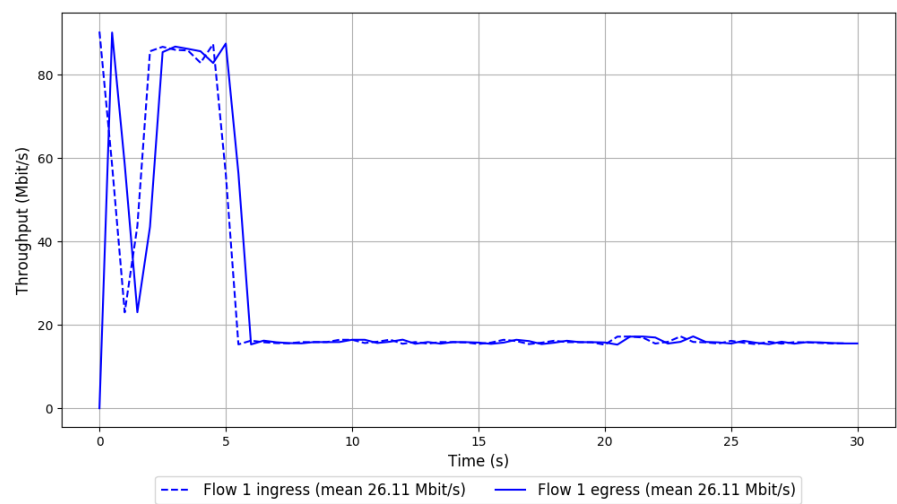


Run 2: Statistics of Copa

Start at: 2018-05-25 01:50:41
End at: 2018-05-25 01:51:11
Local clock offset: -5.794 ms
Remote clock offset: -5.435 ms

Below is generated by plot.py at 2018-05-25 04:24:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

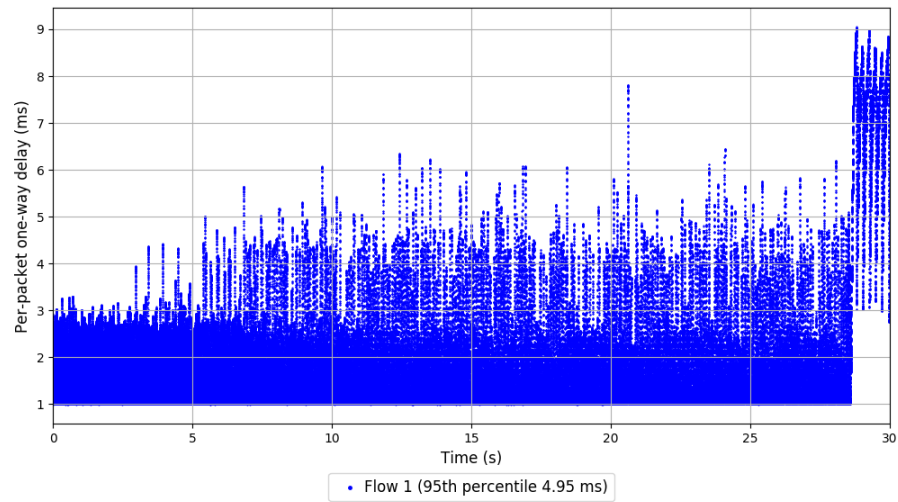
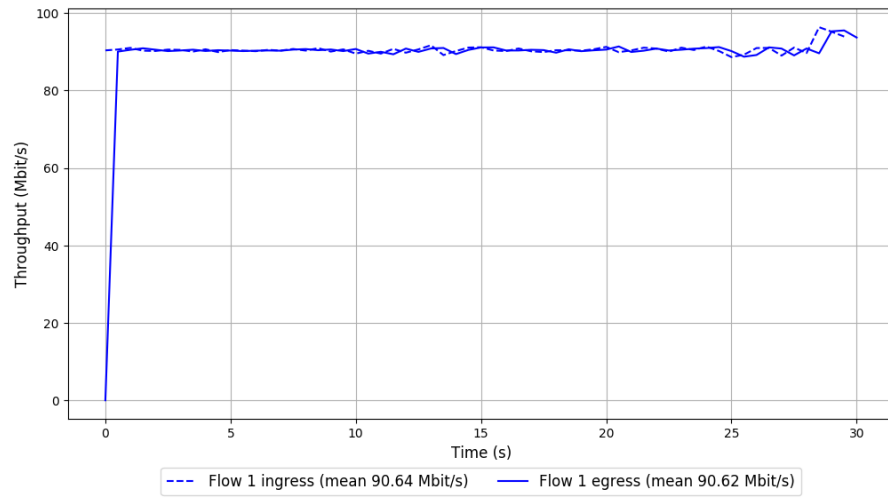


Run 3: Statistics of Copa

Start at: 2018-05-25 02:08:17
End at: 2018-05-25 02:08:47
Local clock offset: -5.712 ms
Remote clock offset: -5.032 ms

Below is generated by plot.py at 2018-05-25 04:25:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.62 Mbit/s
95th percentile per-packet one-way delay: 4.949 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.62 Mbit/s
95th percentile per-packet one-way delay: 4.949 ms
Loss rate: 0.03%

Run 3: Report of Copa — Data Link

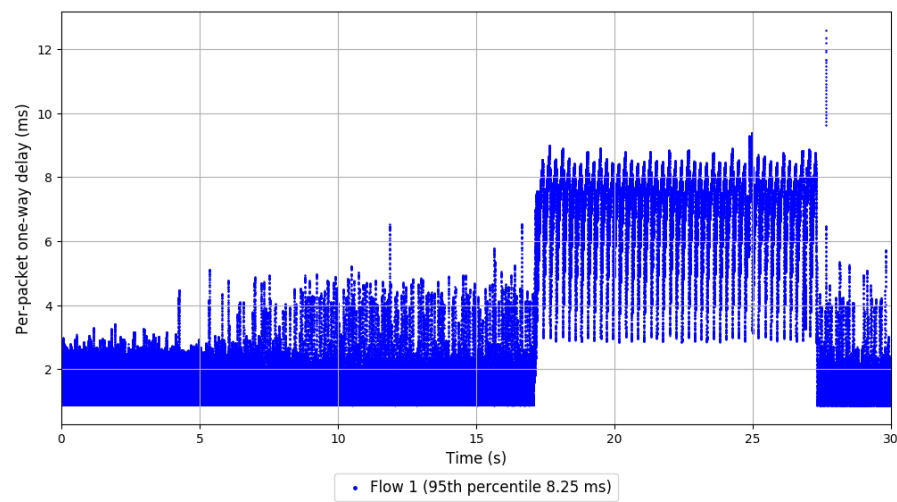
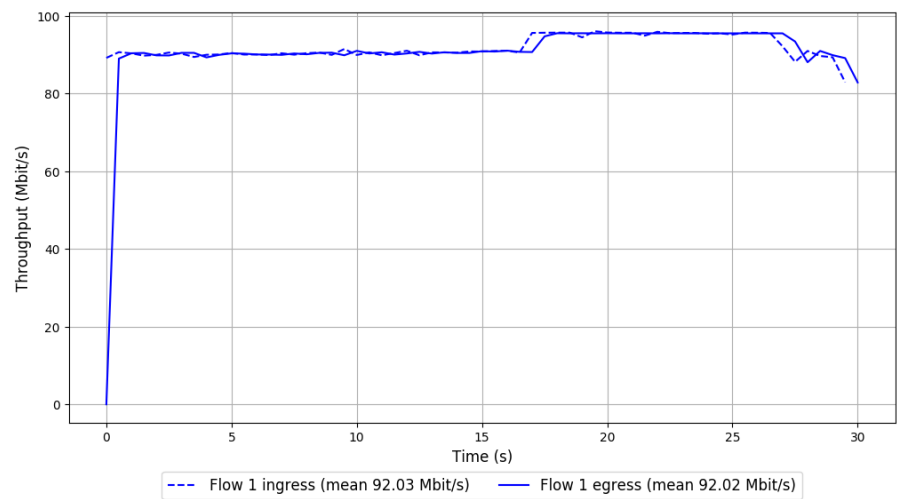


Run 4: Statistics of Copa

Start at: 2018-05-25 02:25:59
End at: 2018-05-25 02:26:29
Local clock offset: -5.777 ms
Remote clock offset: -6.137 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 8.247 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 8.247 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

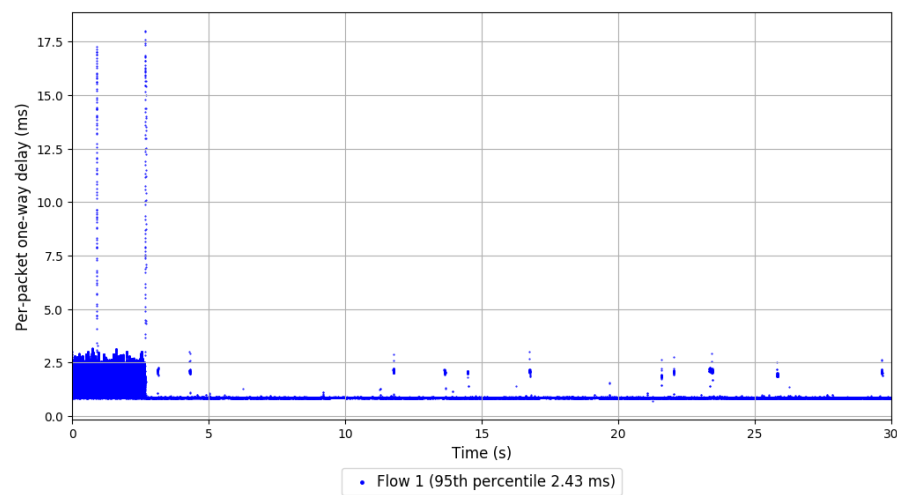
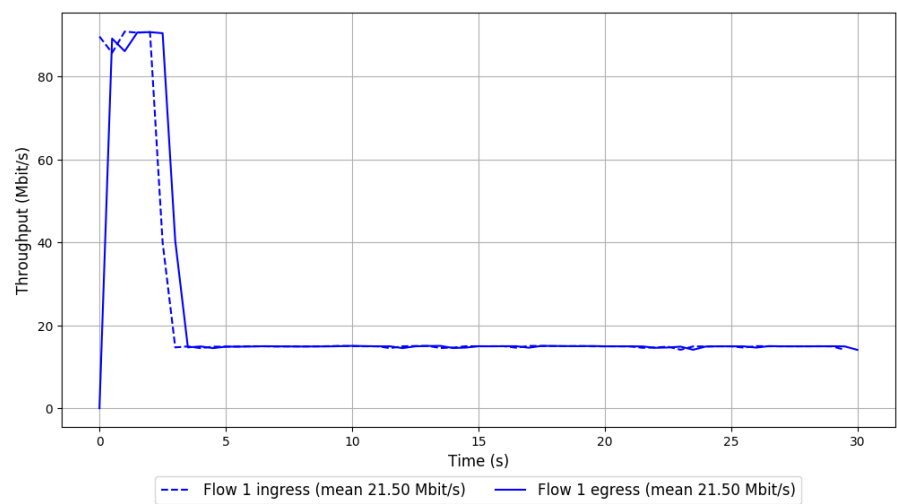


Run 5: Statistics of Copa

Start at: 2018-05-25 02:43:42
End at: 2018-05-25 02:44:12
Local clock offset: -5.93 ms
Remote clock offset: -6.583 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 2.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 2.427 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

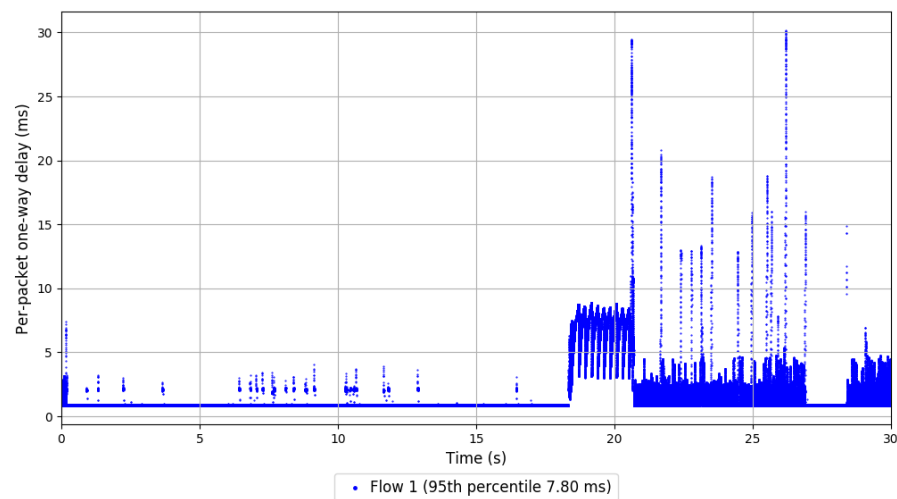
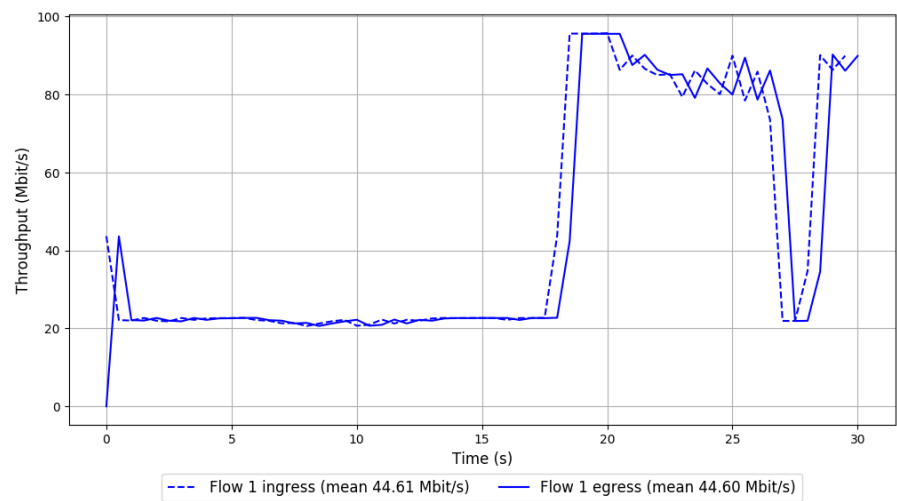


Run 6: Statistics of Copa

Start at: 2018-05-25 03:01:19
End at: 2018-05-25 03:01:49
Local clock offset: -5.888 ms
Remote clock offset: -6.594 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 7.805 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 7.805 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

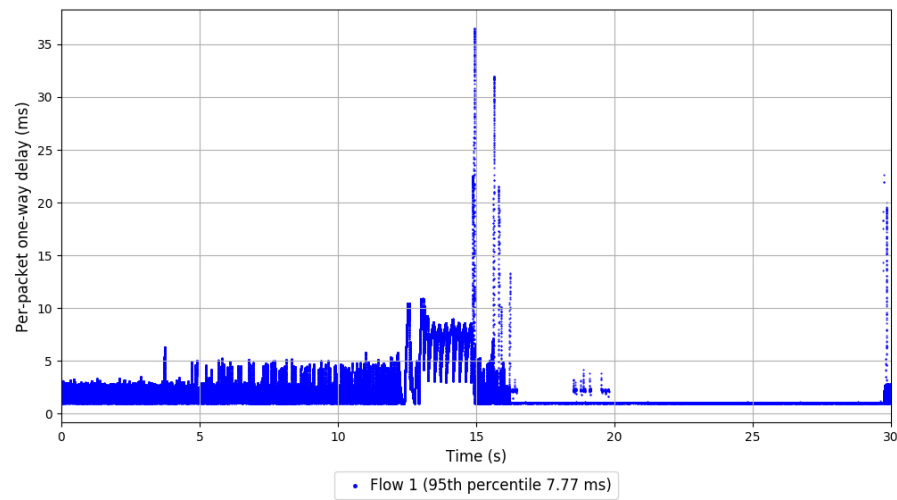
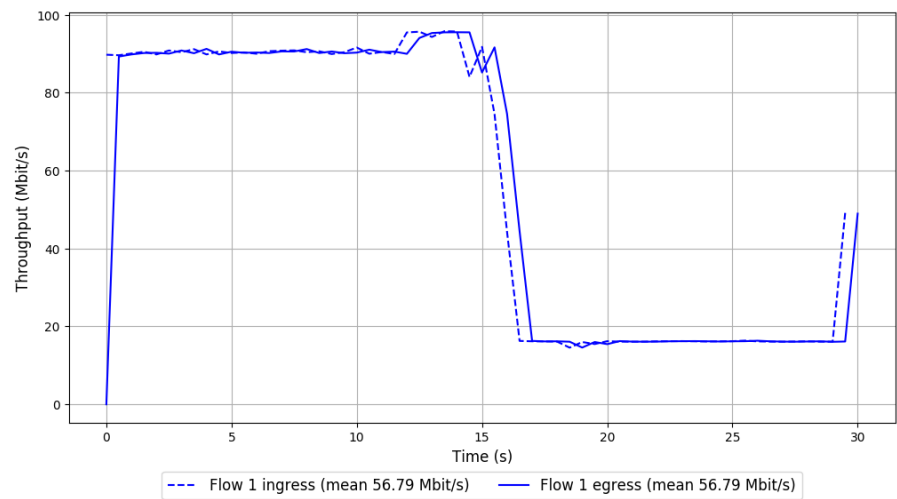


Run 7: Statistics of Copa

Start at: 2018-05-25 03:18:57
End at: 2018-05-25 03:19:27
Local clock offset: -5.921 ms
Remote clock offset: -6.744 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 7.770 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 7.770 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

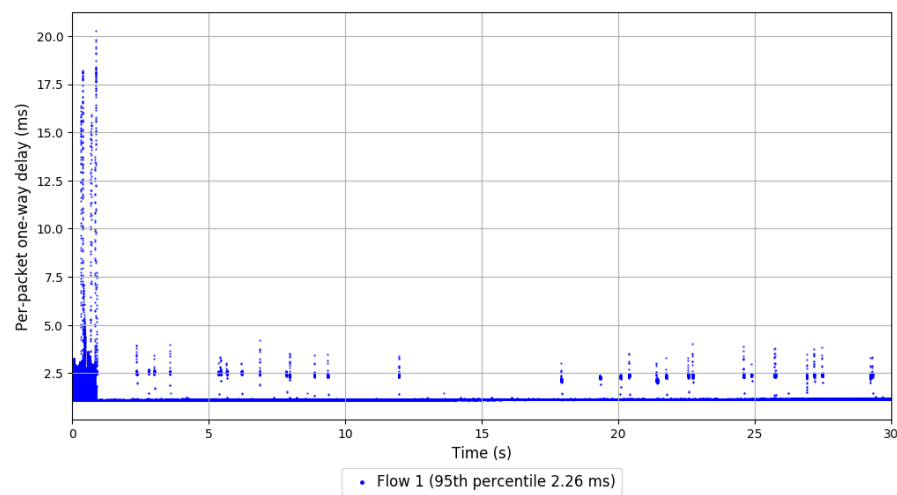
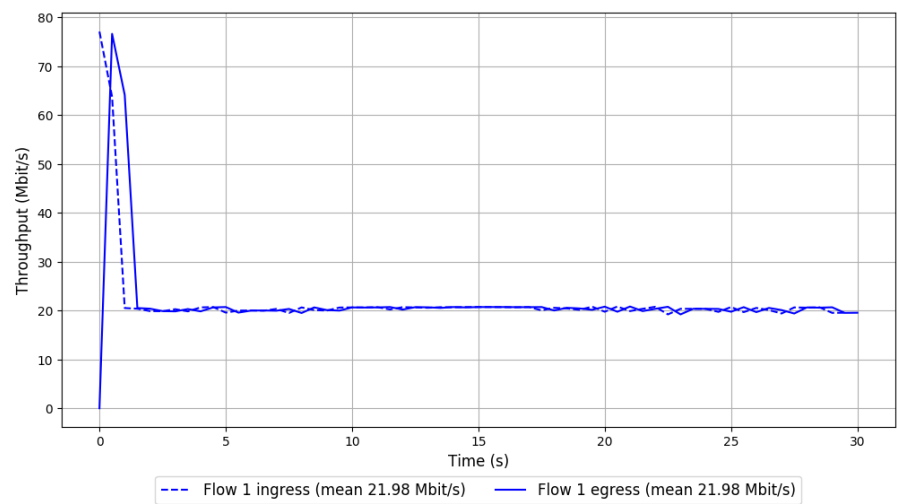


Run 8: Statistics of Copa

Start at: 2018-05-25 03:36:35
End at: 2018-05-25 03:37:05
Local clock offset: -5.82 ms
Remote clock offset: -3.593 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: 2.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: 2.261 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

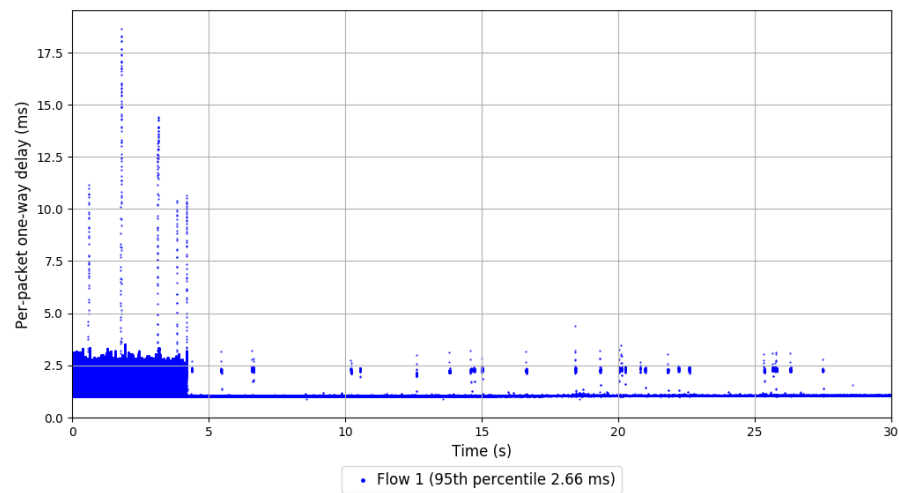
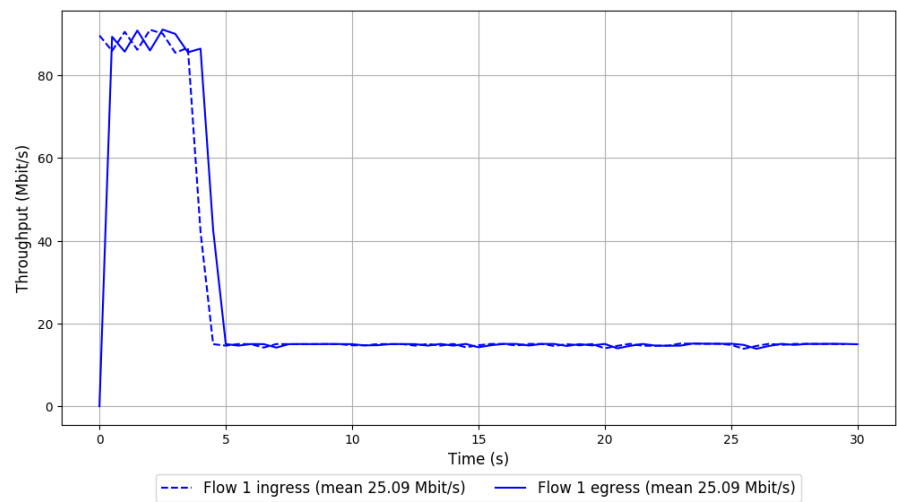


Run 9: Statistics of Copa

Start at: 2018-05-25 03:54:07
End at: 2018-05-25 03:54:37
Local clock offset: -5.857 ms
Remote clock offset: -2.177 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 2.659 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 2.659 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

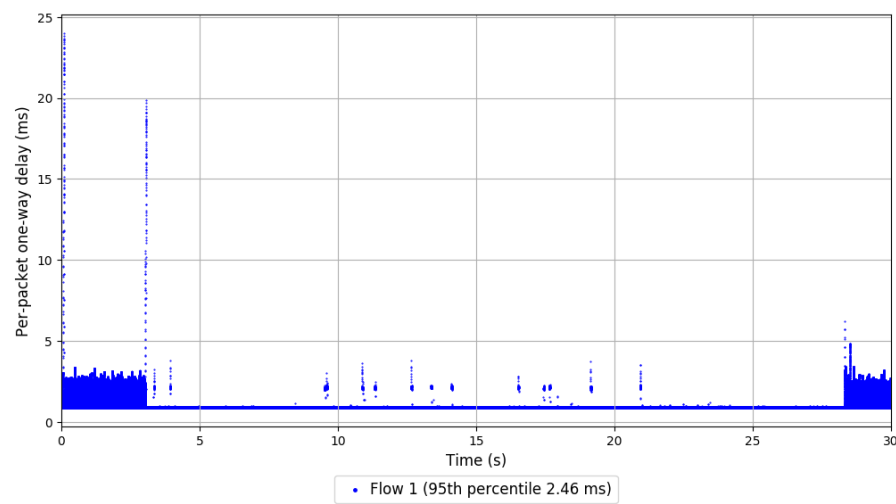
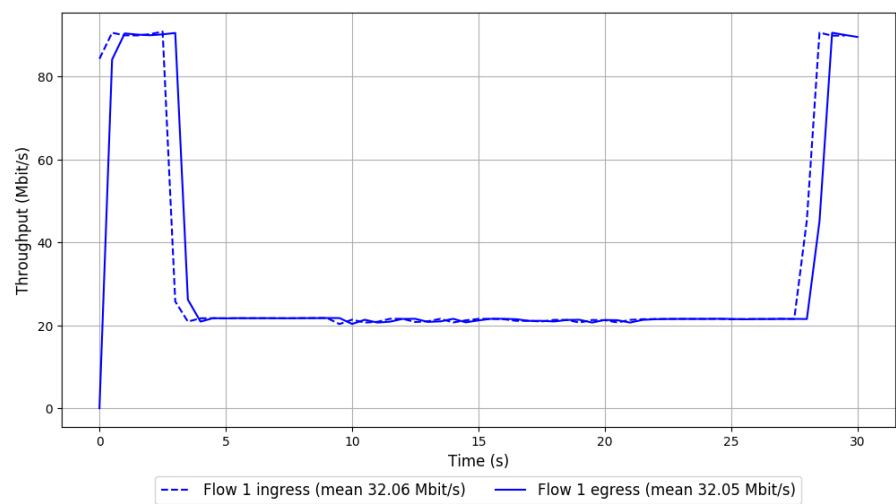


Run 10: Statistics of Copa

Start at: 2018-05-25 04:11:44
End at: 2018-05-25 04:12:14
Local clock offset: -5.681 ms
Remote clock offset: -2.332 ms

Below is generated by plot.py at 2018-05-25 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.03%

Run 10: Report of Copa — Data Link

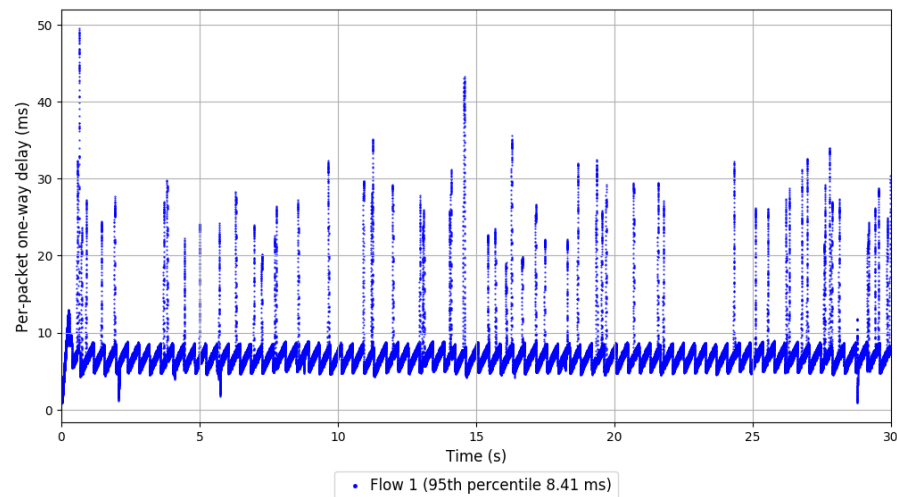
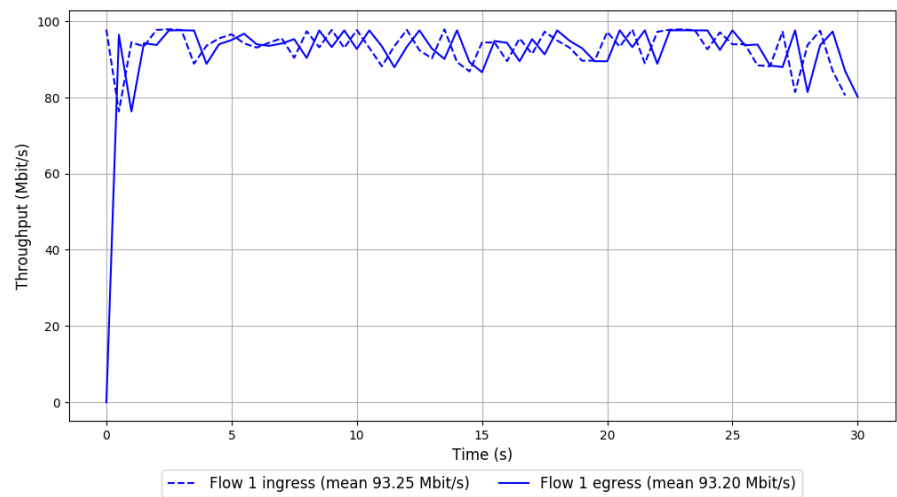


Run 1: Statistics of TCP Cubic

Start at: 2018-05-25 01:40:45
End at: 2018-05-25 01:41:15
Local clock offset: -5.715 ms
Remote clock offset: -5.942 ms

Below is generated by plot.py at 2018-05-25 04:25:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 8.413 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 8.413 ms
Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link

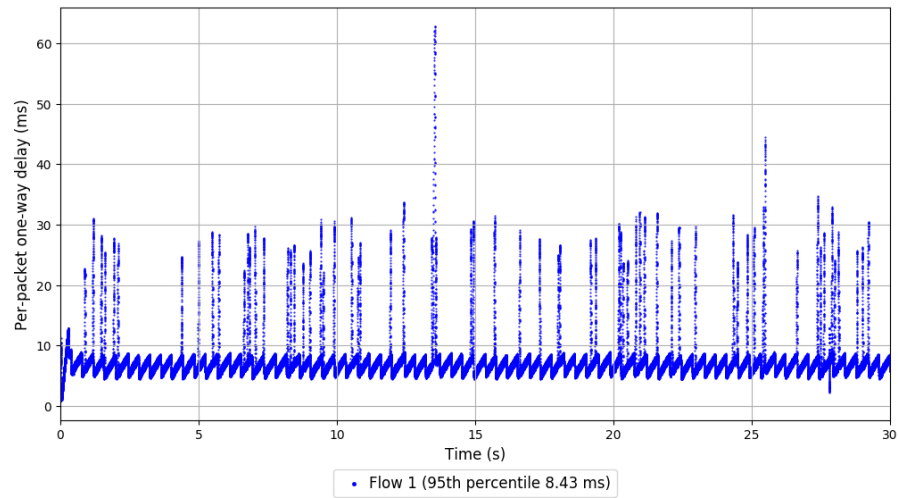
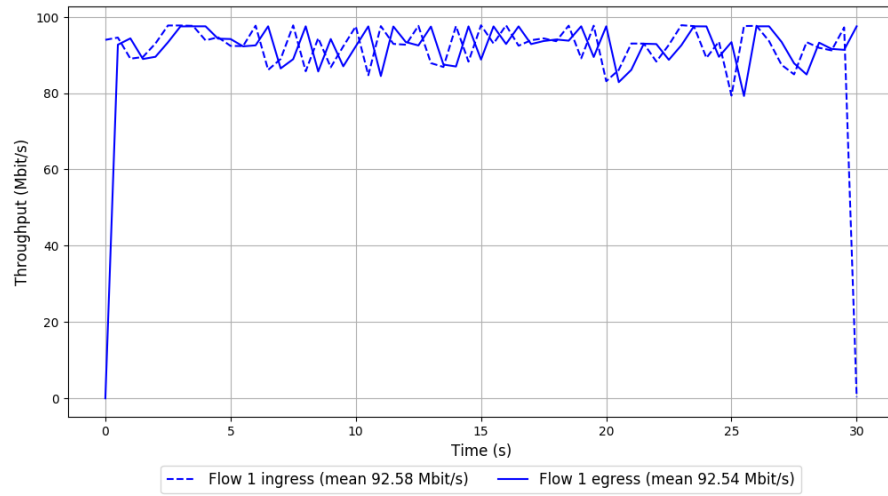


Run 2: Statistics of TCP Cubic

Start at: 2018-05-25 01:58:22
End at: 2018-05-25 01:58:52
Local clock offset: -5.807 ms
Remote clock offset: -5.281 ms

Below is generated by plot.py at 2018-05-25 04:25:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 8.433 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 8.433 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

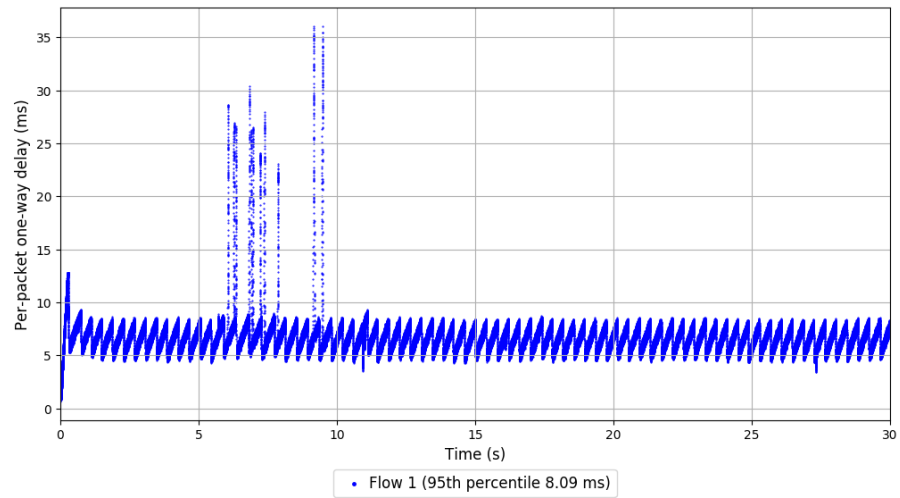
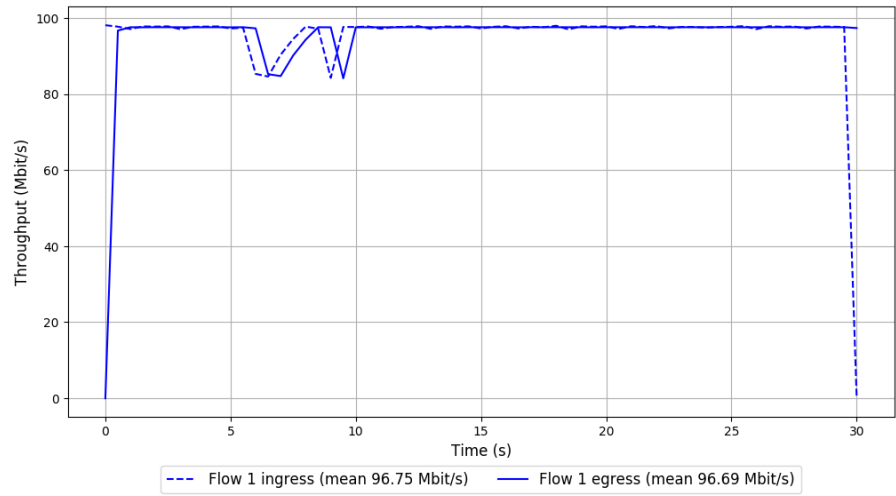


Run 3: Statistics of TCP Cubic

Start at: 2018-05-25 02:16:02
End at: 2018-05-25 02:16:32
Local clock offset: -5.831 ms
Remote clock offset: -5.113 ms

Below is generated by plot.py at 2018-05-25 04:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 8.085 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 8.085 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

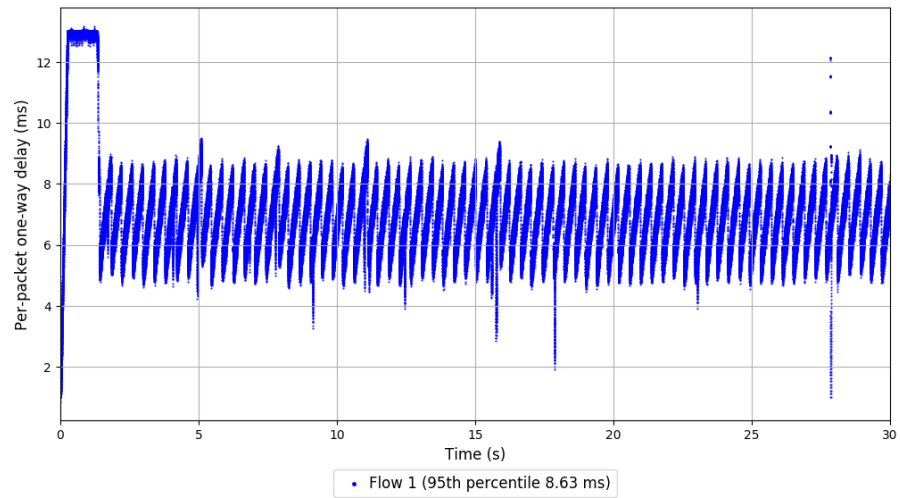
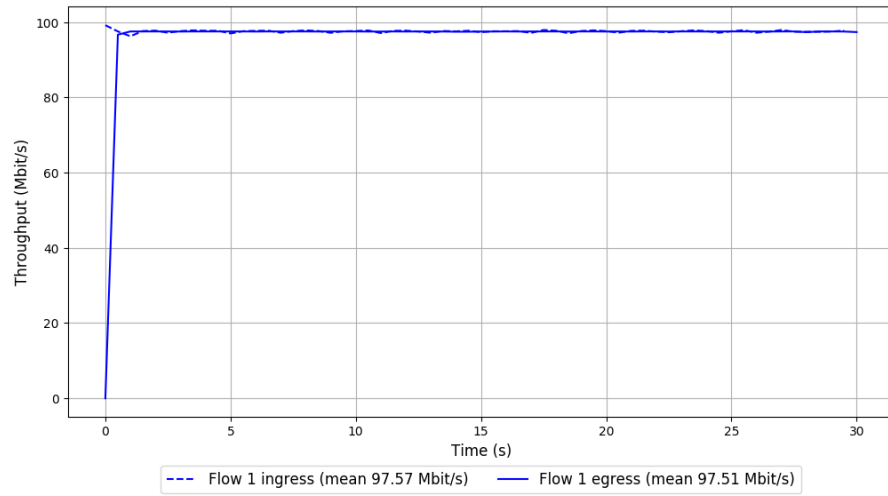


Run 4: Statistics of TCP Cubic

Start at: 2018-05-25 02:33:45
End at: 2018-05-25 02:34:15
Local clock offset: -5.767 ms
Remote clock offset: -6.452 ms

Below is generated by plot.py at 2018-05-25 04:25:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 8.635 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 8.635 ms
Loss rate: 0.06%

Run 4: Report of TCP Cubic — Data Link

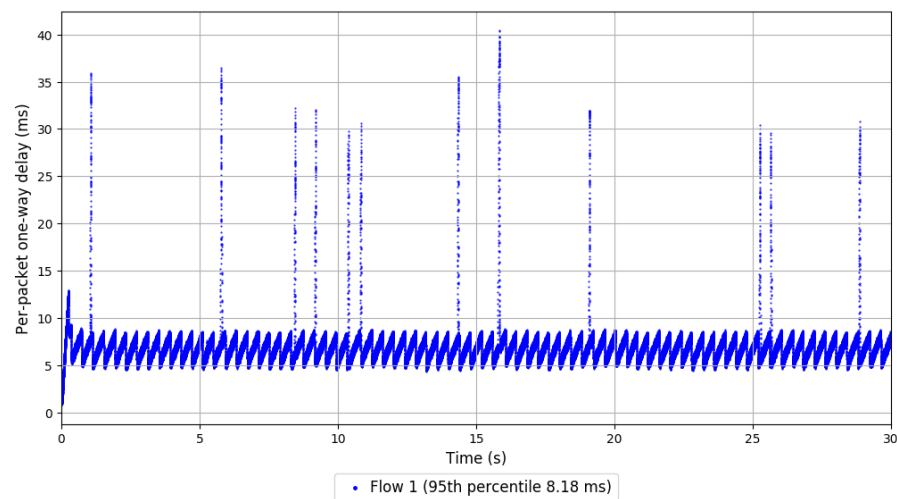
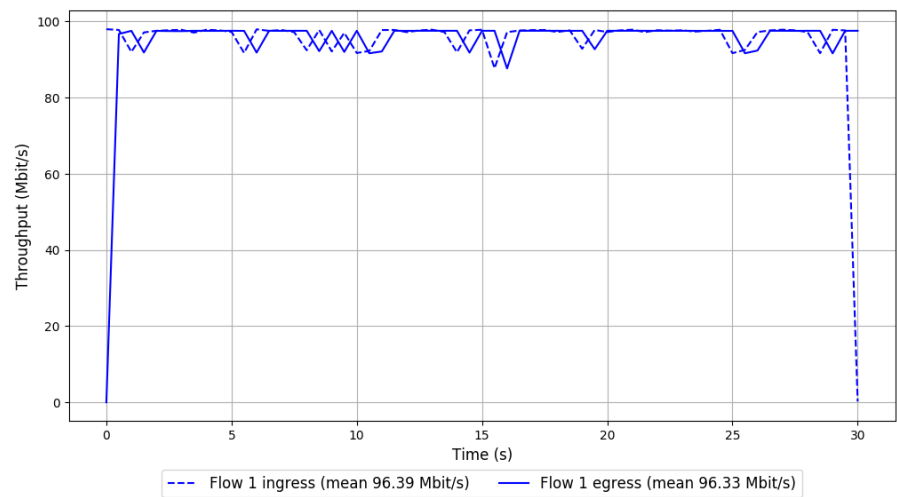


Run 5: Statistics of TCP Cubic

Start at: 2018-05-25 02:51:22
End at: 2018-05-25 02:51:52
Local clock offset: -5.872 ms
Remote clock offset: -6.578 ms

Below is generated by plot.py at 2018-05-25 04:26:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 8.182 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 8.182 ms
Loss rate: 0.06%

Run 5: Report of TCP Cubic — Data Link

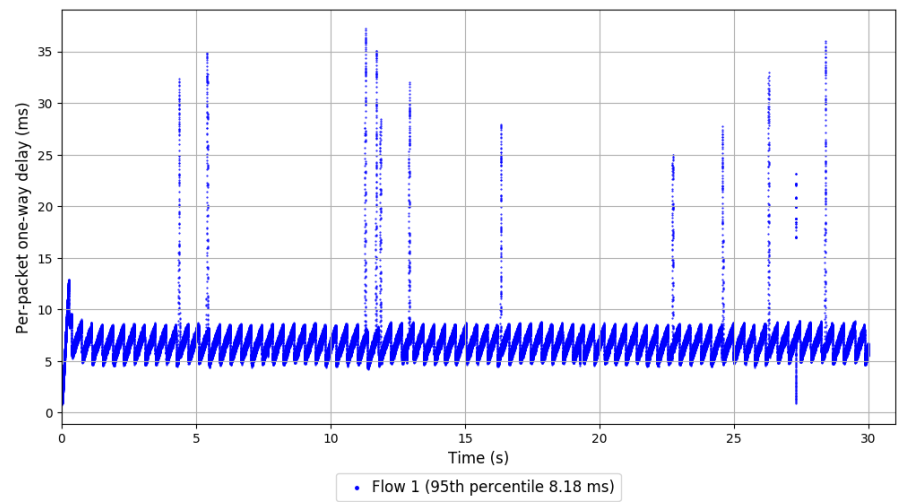
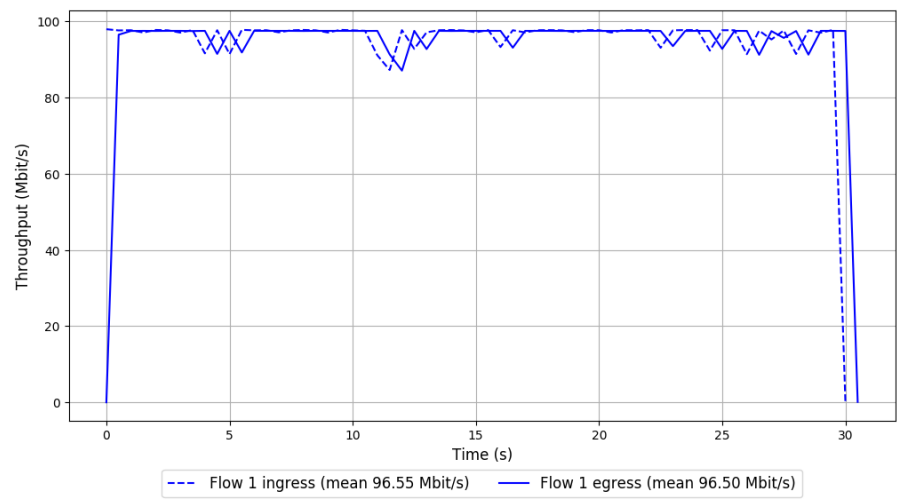


Run 6: Statistics of TCP Cubic

Start at: 2018-05-25 03:09:00
End at: 2018-05-25 03:09:30
Local clock offset: -5.932 ms
Remote clock offset: -6.649 ms

Below is generated by plot.py at 2018-05-25 04:26:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 8.175 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 8.175 ms
Loss rate: 0.06%

Run 6: Report of TCP Cubic — Data Link

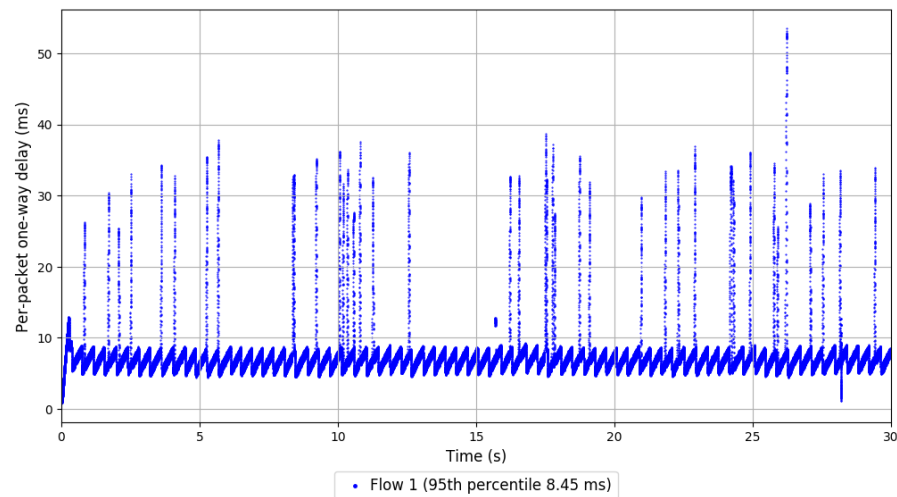
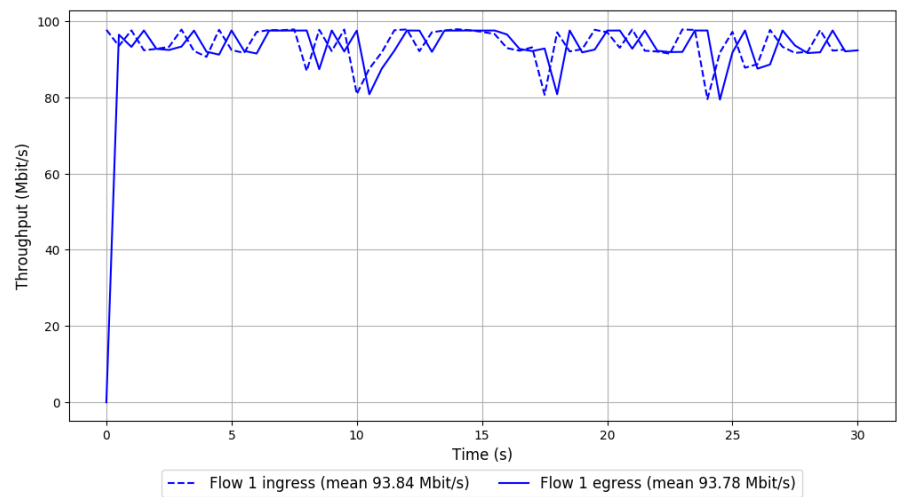


Run 7: Statistics of TCP Cubic

Start at: 2018-05-25 03:26:39
End at: 2018-05-25 03:27:09
Local clock offset: -5.986 ms
Remote clock offset: -5.348 ms

Below is generated by plot.py at 2018-05-25 04:26:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 8.445 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 8.445 ms
Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link

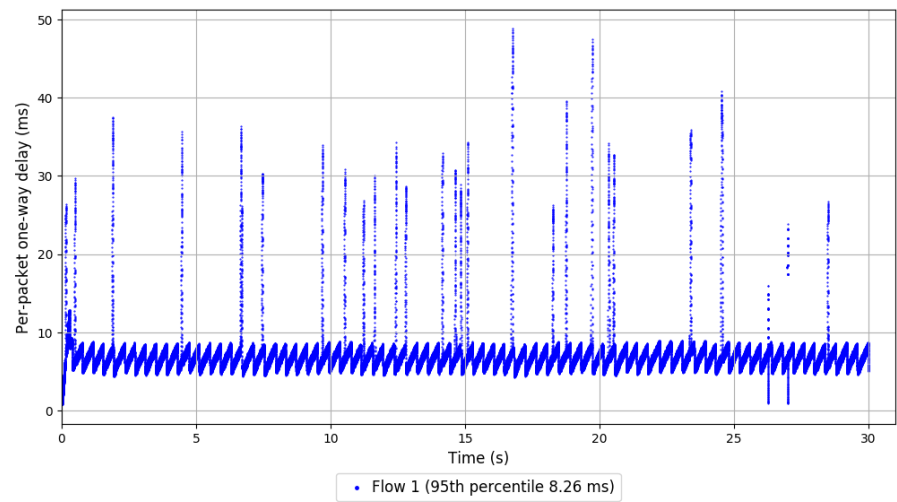
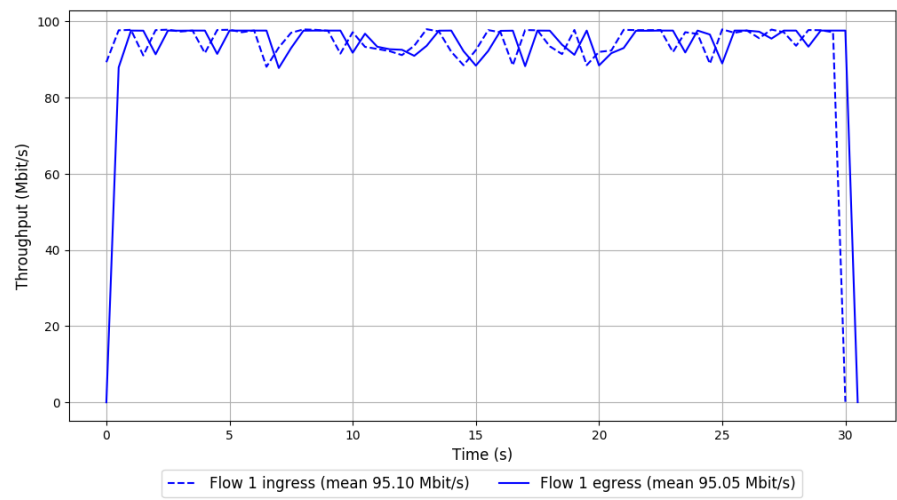


Run 8: Statistics of TCP Cubic

Start at: 2018-05-25 03:44:10
End at: 2018-05-25 03:44:40
Local clock offset: -5.919 ms
Remote clock offset: -2.703 ms

Below is generated by plot.py at 2018-05-25 04:26:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 8.258 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 8.258 ms
Loss rate: 0.05%

Run 8: Report of TCP Cubic — Data Link

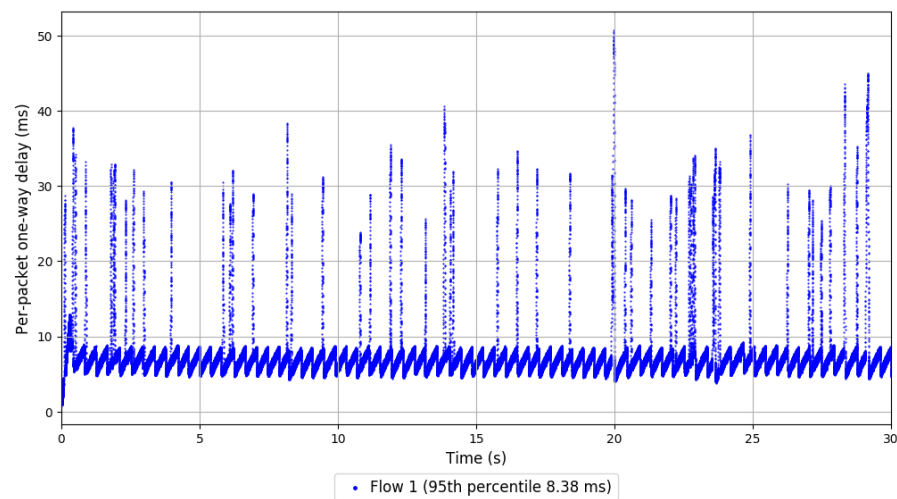
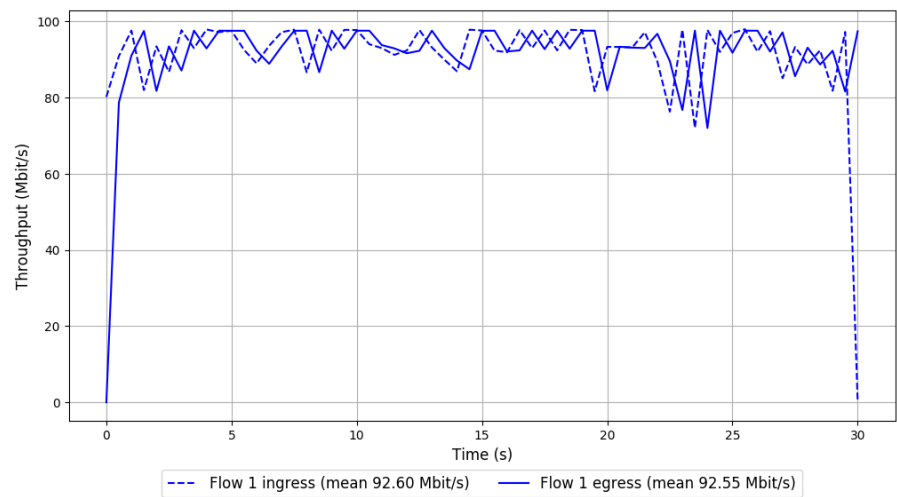


Run 9: Statistics of TCP Cubic

Start at: 2018-05-25 04:01:48
End at: 2018-05-25 04:02:18
Local clock offset: -5.735 ms
Remote clock offset: -2.201 ms

Below is generated by plot.py at 2018-05-25 04:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 8.378 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-05-25 04:19:25

End at: 2018-05-25 04:19:55

Local clock offset: -5.657 ms

Remote clock offset: -2.29 ms

Below is generated by plot.py at 2018-05-25 04:26:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.32 Mbit/s

95th percentile per-packet one-way delay: 8.431 ms

Loss rate: 0.06%

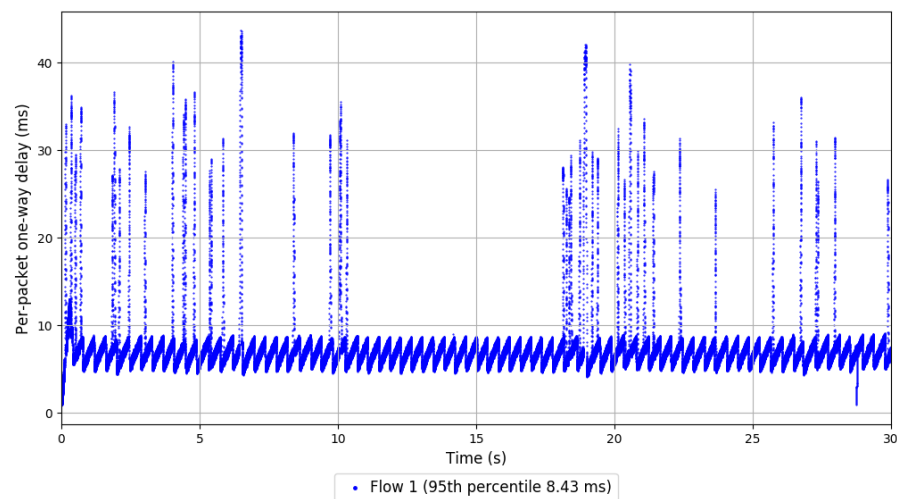
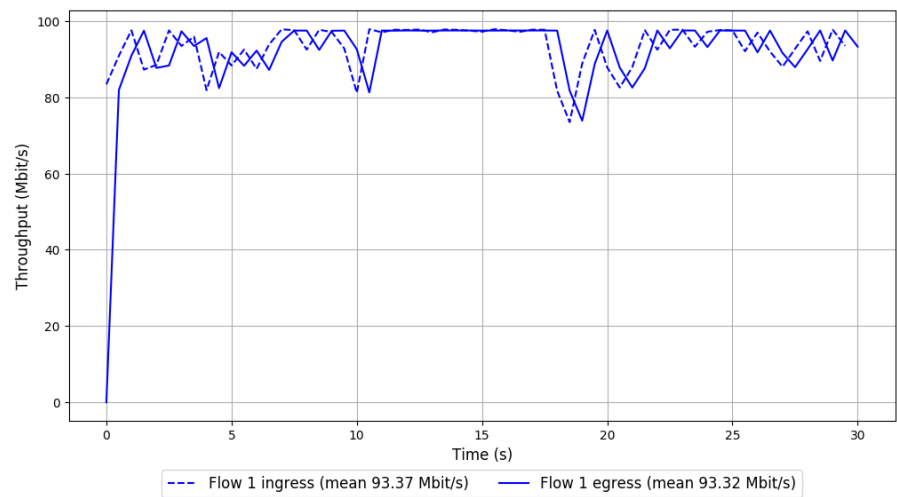
-- Flow 1:

Average throughput: 93.32 Mbit/s

95th percentile per-packet one-way delay: 8.431 ms

Loss rate: 0.06%

Run 10: Report of TCP Cubic — Data Link

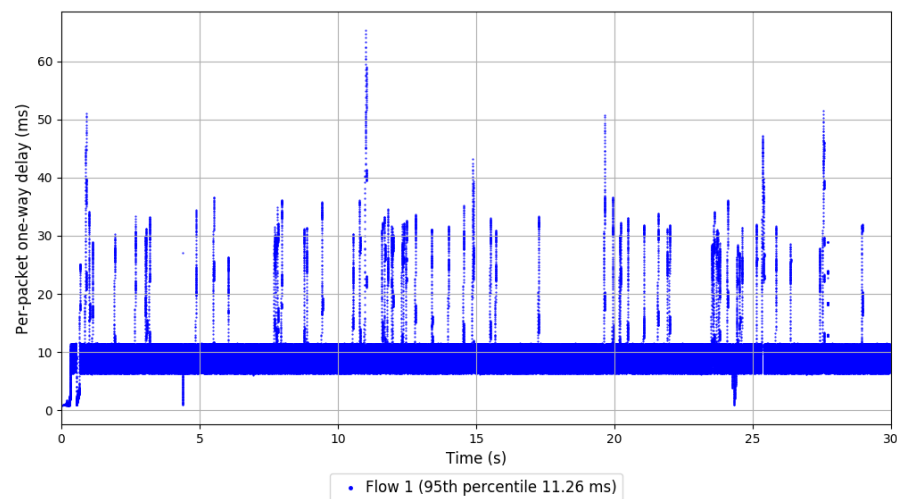
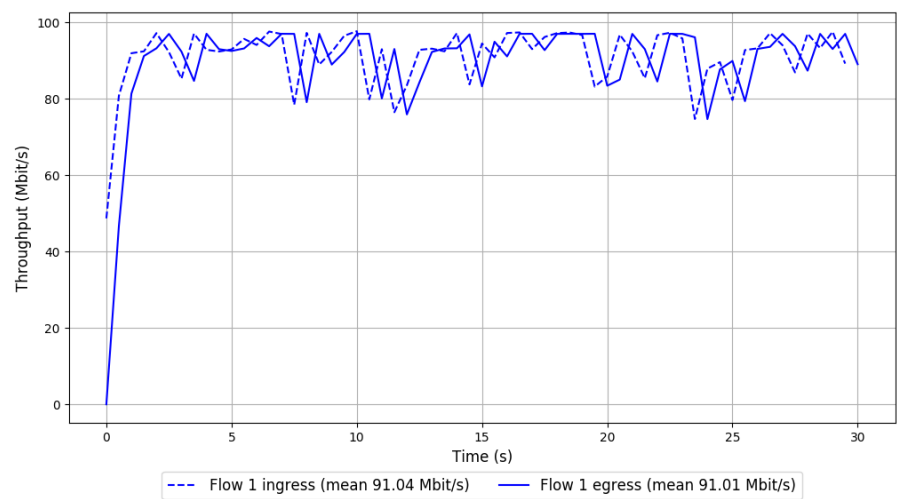


Run 1: Statistics of FillP

Start at: 2018-05-25 01:28:39
End at: 2018-05-25 01:29:09
Local clock offset: -5.925 ms
Remote clock offset: -6.139 ms

Below is generated by plot.py at 2018-05-25 04:27:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 11.257 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 11.257 ms
Loss rate: 0.04%

Run 1: Report of FillP — Data Link

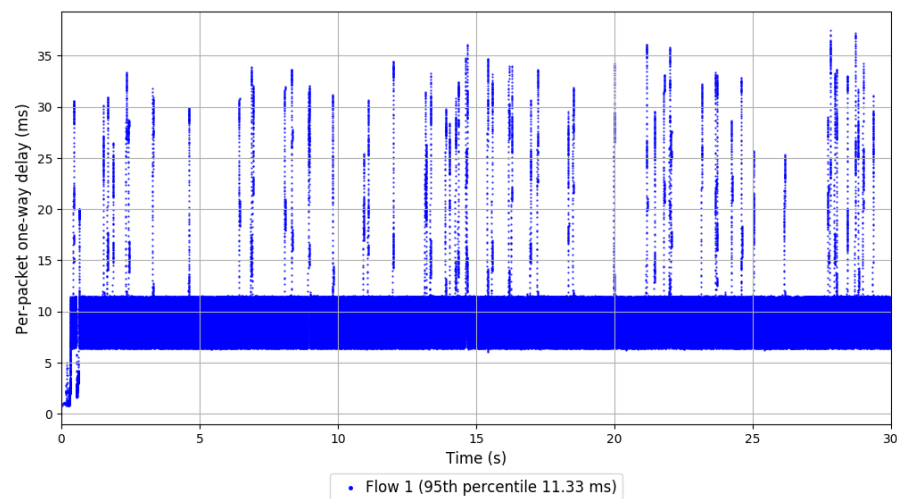
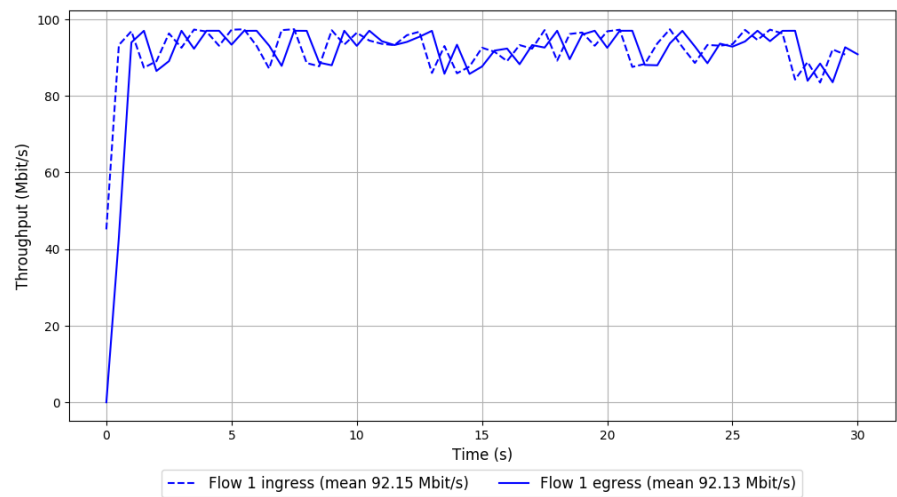


Run 2: Statistics of FillP

Start at: 2018-05-25 01:46:16
End at: 2018-05-25 01:46:46
Local clock offset: -5.688 ms
Remote clock offset: -5.659 ms

Below is generated by plot.py at 2018-05-25 04:27:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 11.332 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 11.332 ms
Loss rate: 0.03%

Run 2: Report of FillP — Data Link

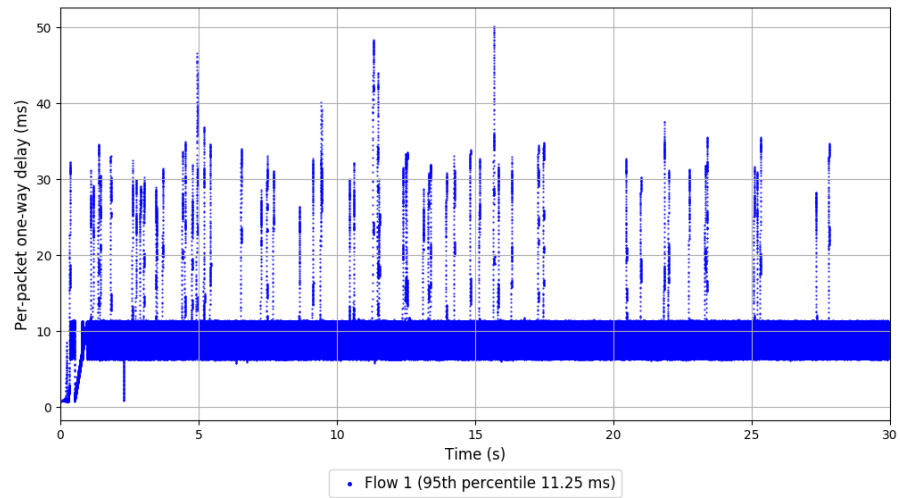
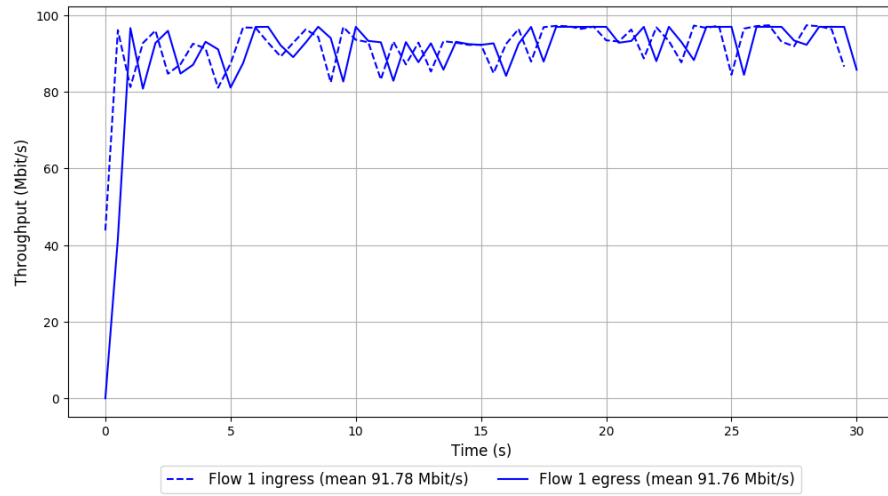


Run 3: Statistics of FillP

Start at: 2018-05-25 02:03:52
End at: 2018-05-25 02:04:22
Local clock offset: -5.829 ms
Remote clock offset: -5.108 ms

Below is generated by plot.py at 2018-05-25 04:27:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 11.249 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 11.249 ms
Loss rate: 0.04%

Run 3: Report of FillP — Data Link

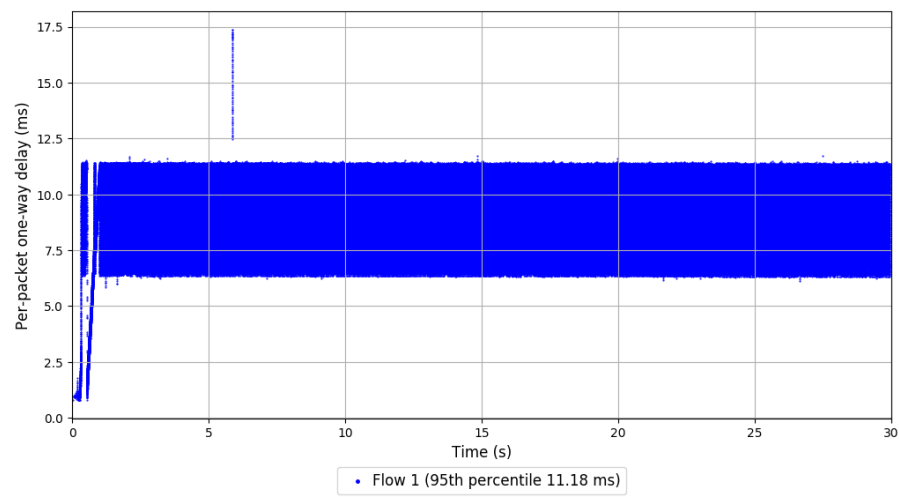
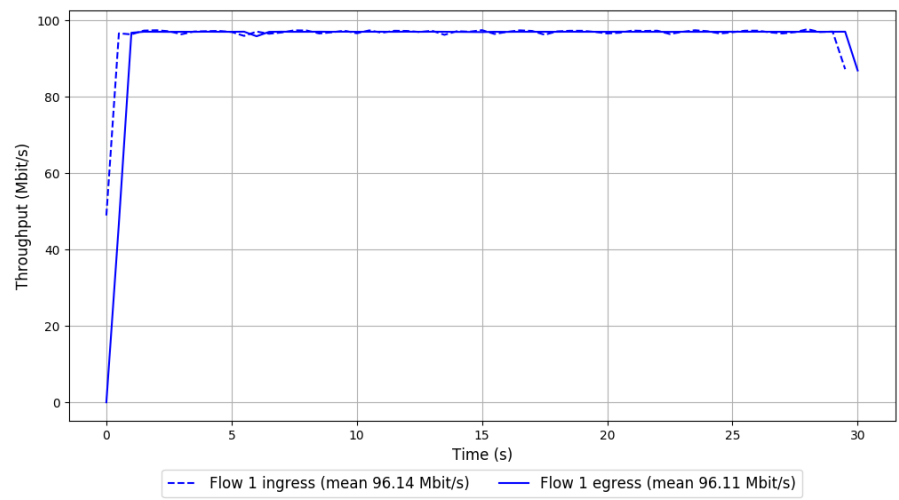


Run 4: Statistics of FillP

Start at: 2018-05-25 02:21:34
End at: 2018-05-25 02:22:04
Local clock offset: -5.712 ms
Remote clock offset: -5.776 ms

Below is generated by plot.py at 2018-05-25 04:27:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 11.176 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 11.176 ms
Loss rate: 0.04%

Run 4: Report of FillP — Data Link

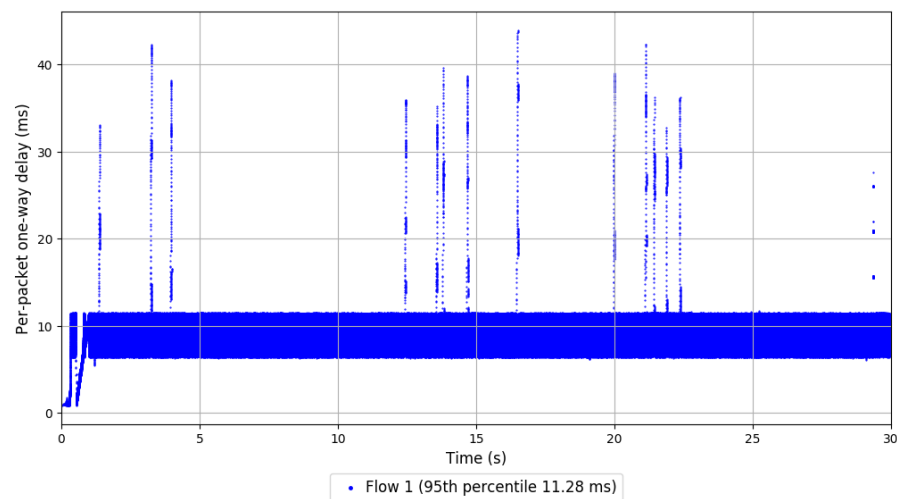
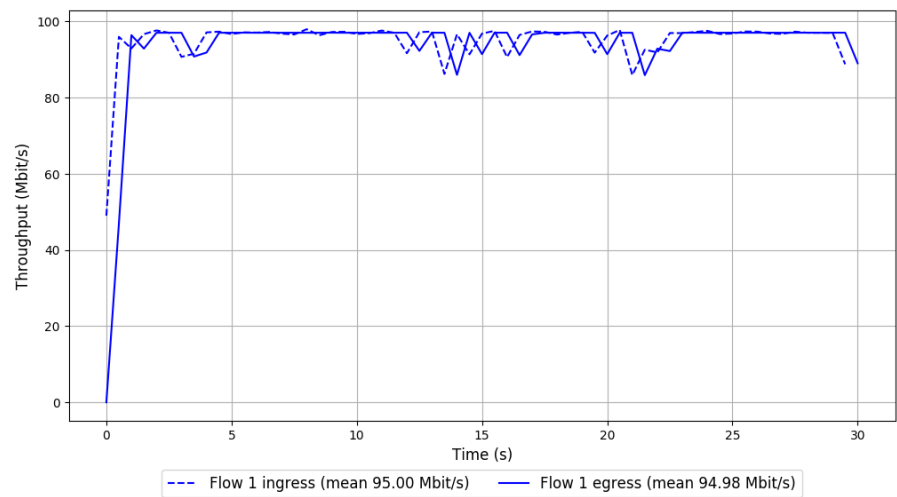


Run 5: Statistics of FillP

Start at: 2018-05-25 02:39:16
End at: 2018-05-25 02:39:46
Local clock offset: -5.795 ms
Remote clock offset: -6.509 ms

Below is generated by plot.py at 2018-05-25 04:27:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 11.281 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 11.281 ms
Loss rate: 0.03%

Run 5: Report of FillP — Data Link

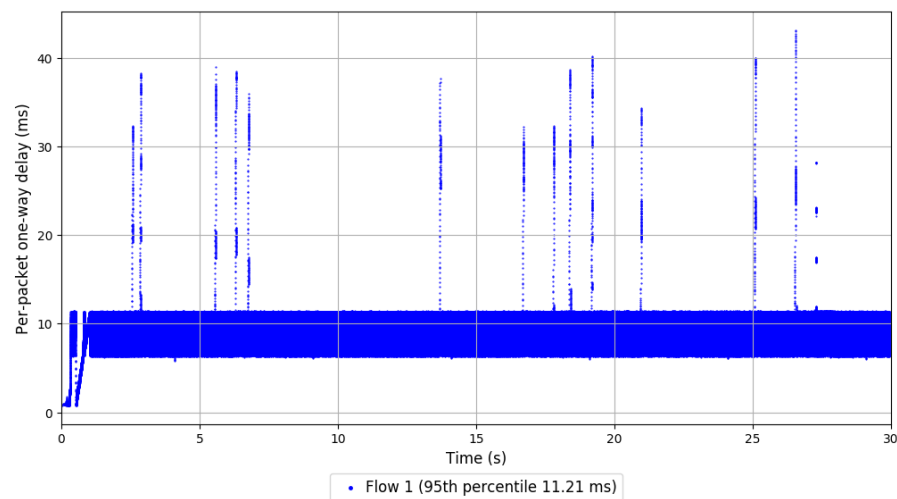
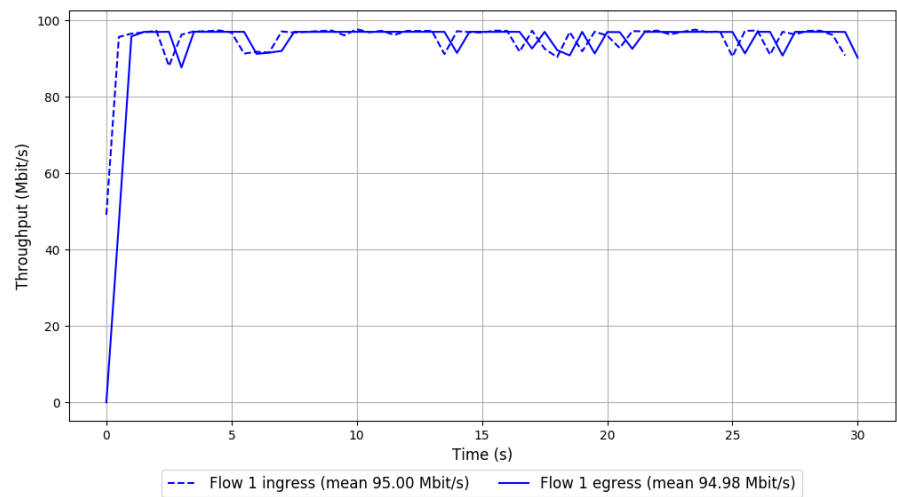


Run 6: Statistics of FillP

Start at: 2018-05-25 02:56:53
End at: 2018-05-25 02:57:23
Local clock offset: -5.825 ms
Remote clock offset: -6.571 ms

Below is generated by plot.py at 2018-05-25 04:27:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 11.211 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 11.211 ms
Loss rate: 0.03%

Run 6: Report of FillP — Data Link

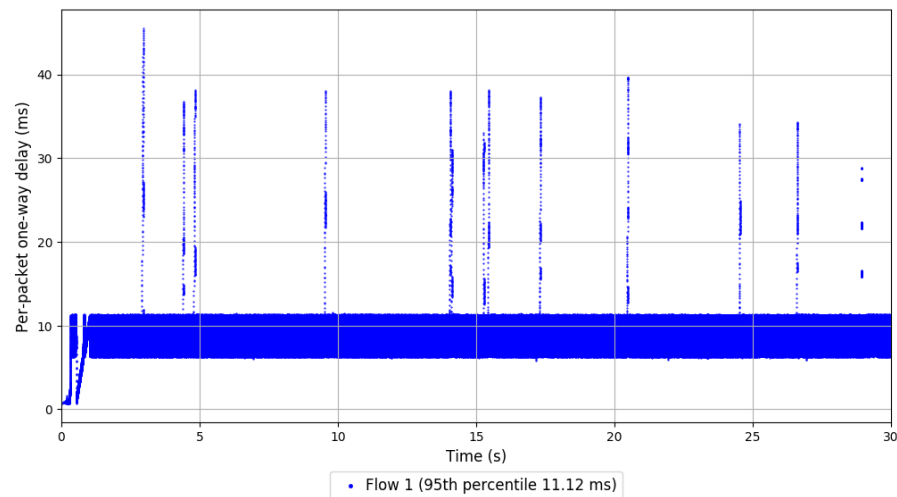
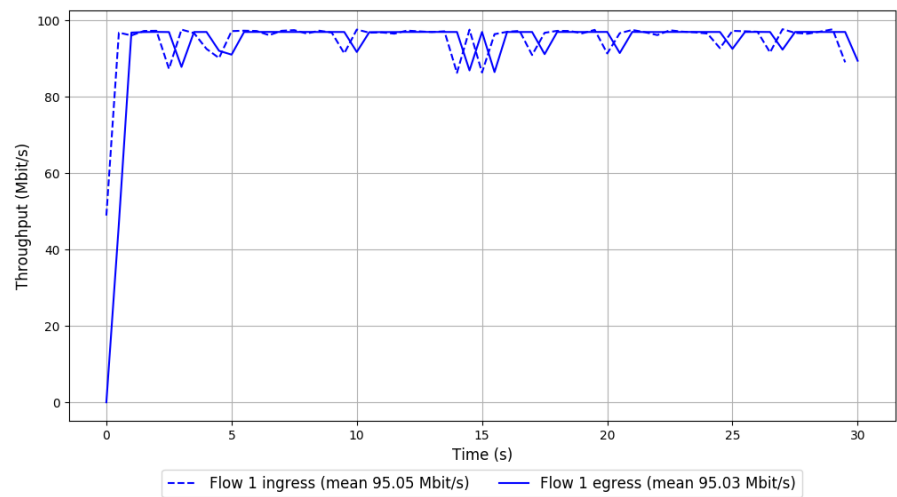


Run 7: Statistics of FillP

Start at: 2018-05-25 03:14:32
End at: 2018-05-25 03:15:02
Local clock offset: -6.022 ms
Remote clock offset: -6.669 ms

Below is generated by plot.py at 2018-05-25 04:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 11.115 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 11.115 ms
Loss rate: 0.03%

Run 7: Report of FillP — Data Link

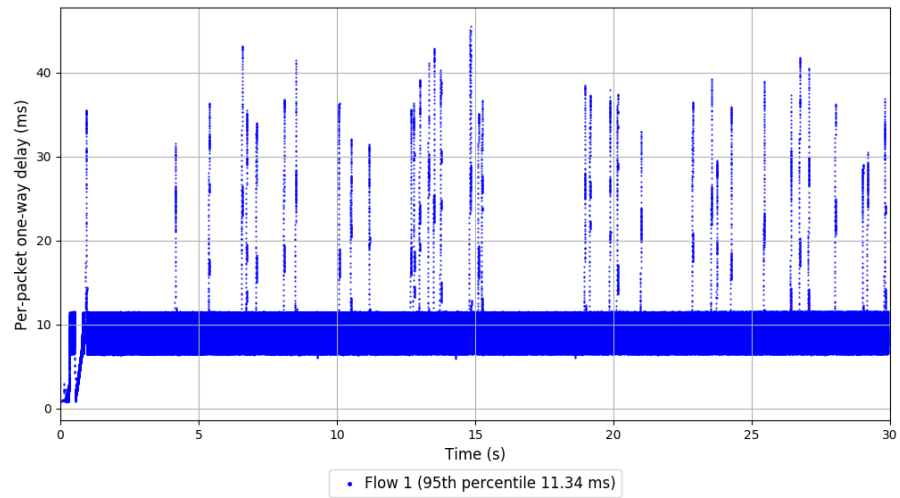
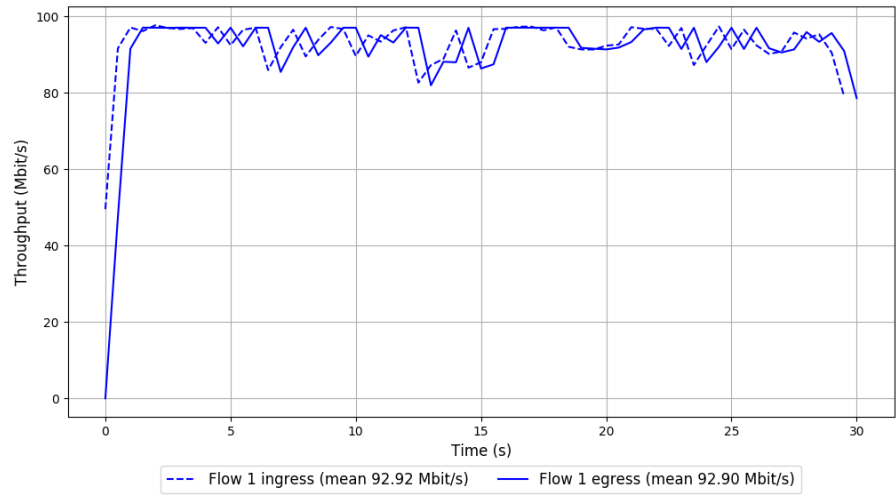


Run 8: Statistics of FillP

Start at: 2018-05-25 03:32:10
End at: 2018-05-25 03:32:40
Local clock offset: -5.855 ms
Remote clock offset: -4.093 ms

Below is generated by plot.py at 2018-05-25 04:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 11.342 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 11.342 ms
Loss rate: 0.03%

Run 8: Report of FillP — Data Link

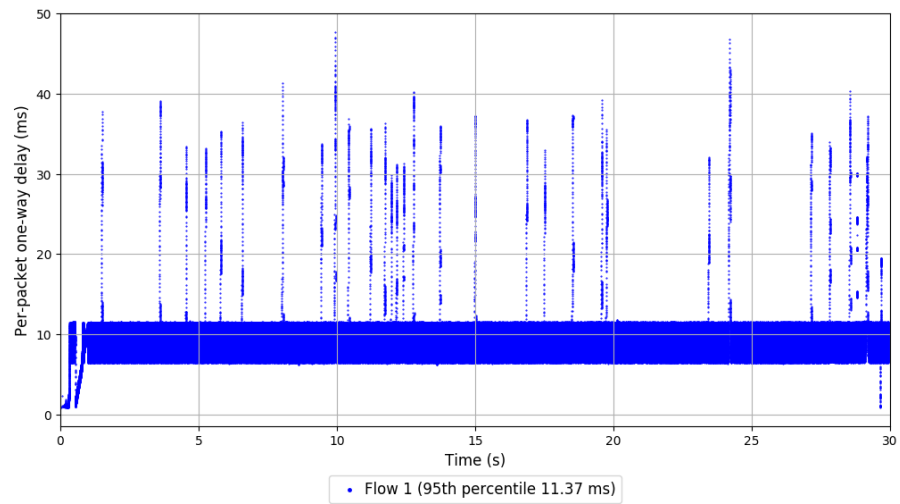
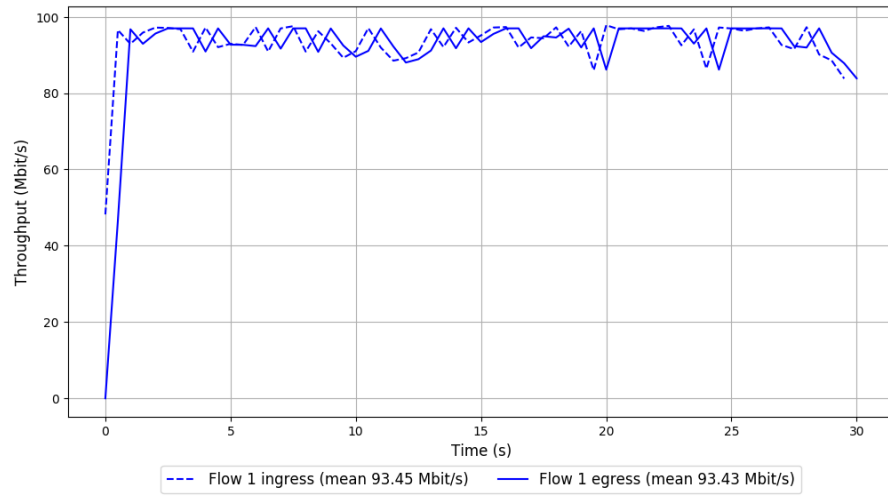


Run 9: Statistics of FillP

Start at: 2018-05-25 03:49:41
End at: 2018-05-25 03:50:11
Local clock offset: -5.807 ms
Remote clock offset: -2.373 ms

Below is generated by plot.py at 2018-05-25 04:28:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 11.365 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 11.365 ms
Loss rate: 0.04%

Run 9: Report of FillP — Data Link

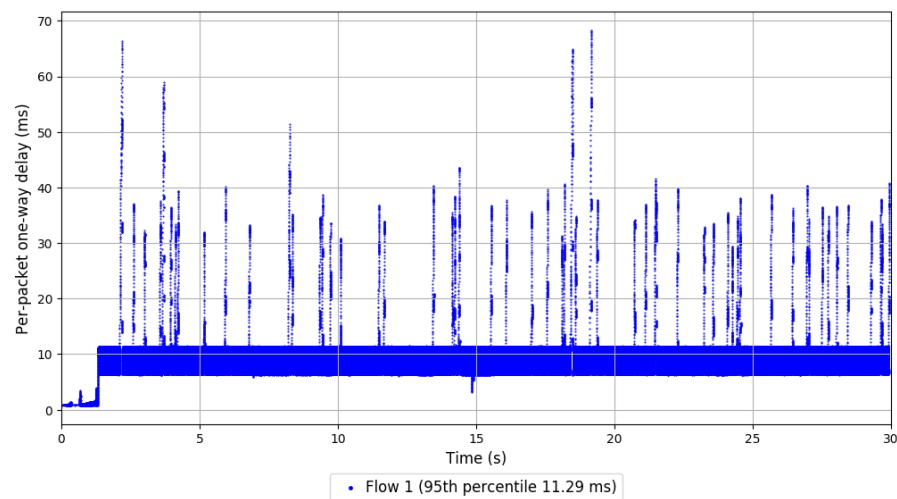
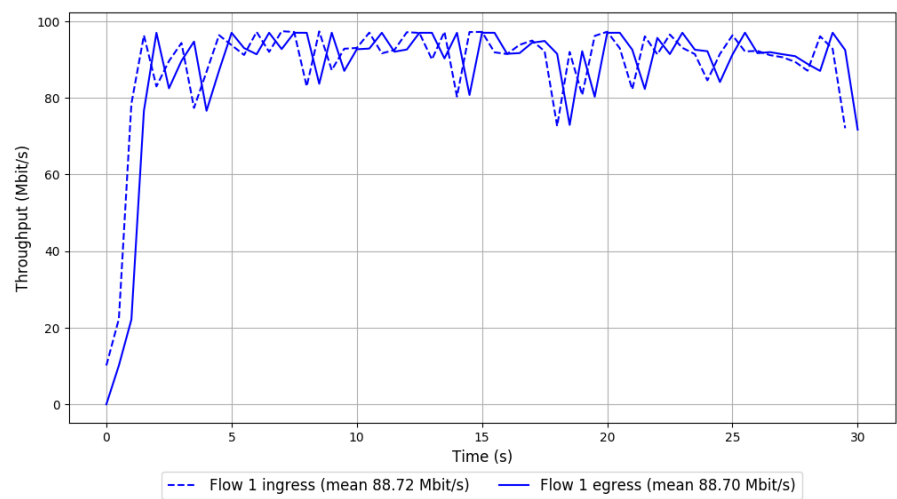


Run 10: Statistics of FillP

Start at: 2018-05-25 04:07:19
End at: 2018-05-25 04:07:49
Local clock offset: -5.702 ms
Remote clock offset: -2.311 ms

Below is generated by plot.py at 2018-05-25 04:28:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 11.288 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 11.288 ms
Loss rate: 0.04%

Run 10: Report of FillP — Data Link

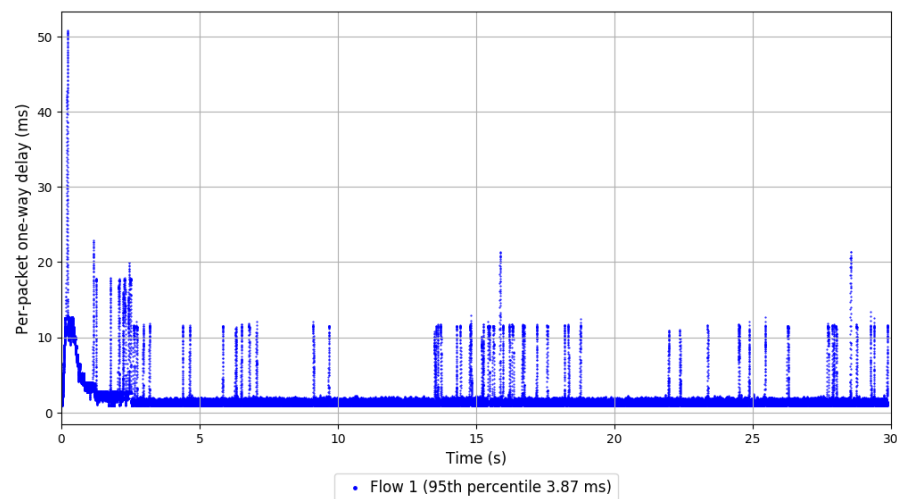
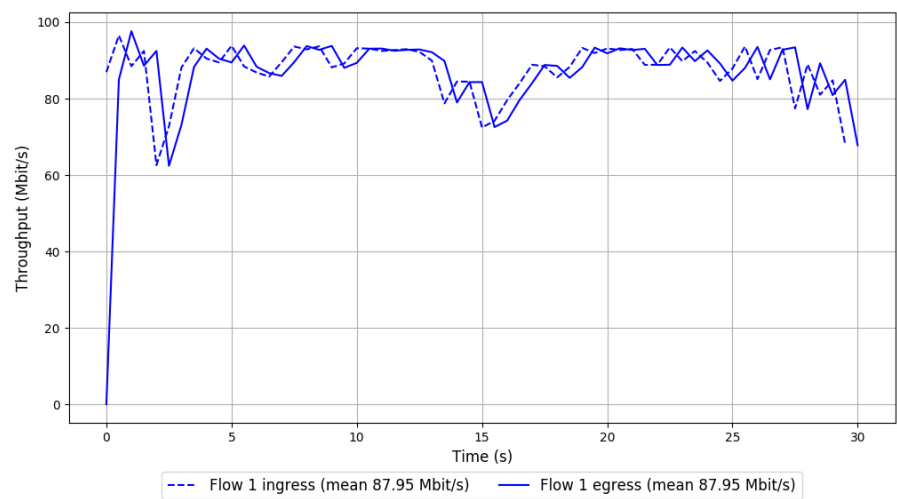


Run 1: Statistics of Indigo

Start at: 2018-05-25 01:24:15
End at: 2018-05-25 01:24:45
Local clock offset: -5.928 ms
Remote clock offset: -6.133 ms

Below is generated by plot.py at 2018-05-25 04:28:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 3.874 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 3.874 ms
Loss rate: 0.01%

Run 1: Report of Indigo — Data Link

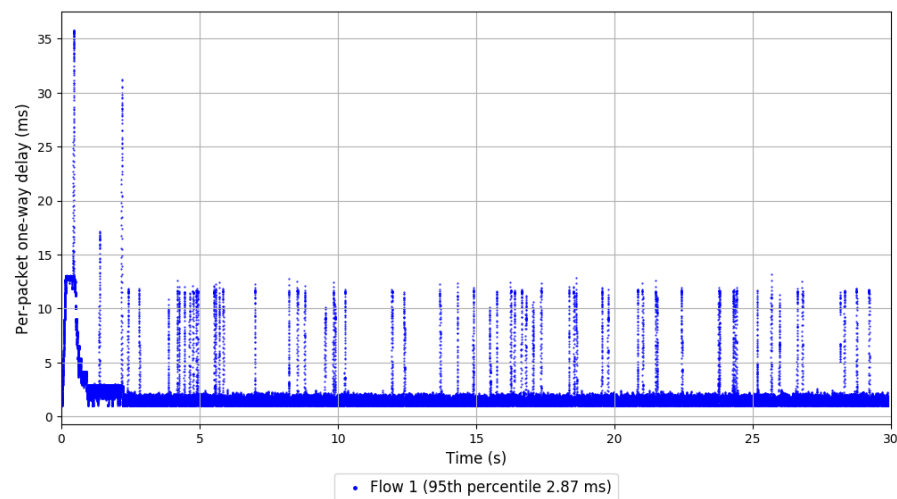
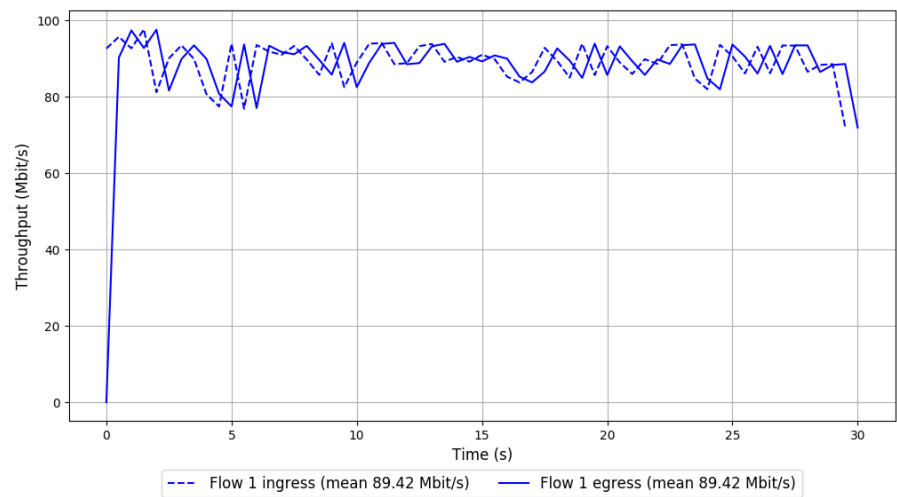


Run 2: Statistics of Indigo

Start at: 2018-05-25 01:41:52
End at: 2018-05-25 01:42:22
Local clock offset: -5.714 ms
Remote clock offset: -5.963 ms

Below is generated by plot.py at 2018-05-25 04:28:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 2.865 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 2.865 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link

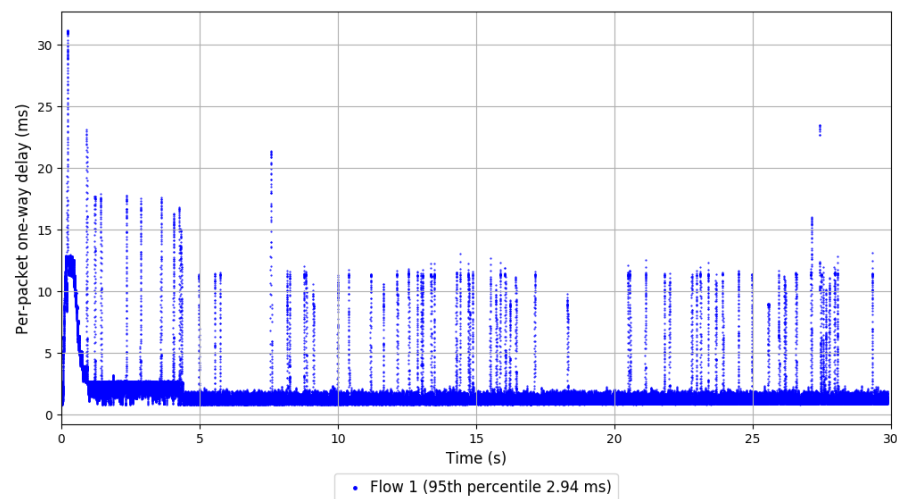
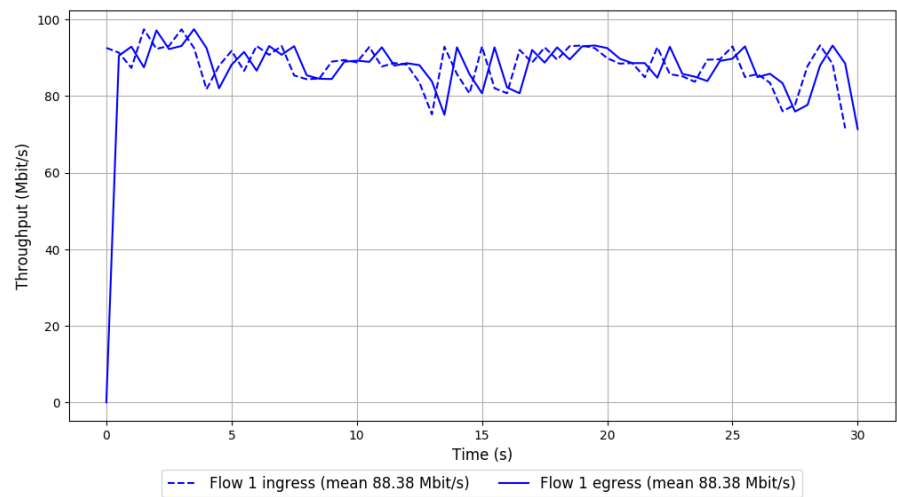


Run 3: Statistics of Indigo

Start at: 2018-05-25 01:59:29
End at: 2018-05-25 01:59:59
Local clock offset: -5.741 ms
Remote clock offset: -5.164 ms

Below is generated by plot.py at 2018-05-25 04:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%

Run 3: Report of Indigo — Data Link

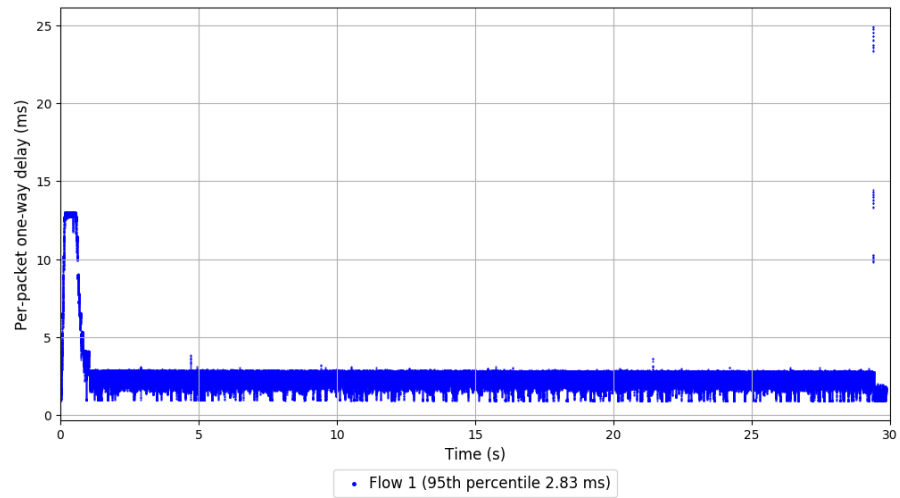
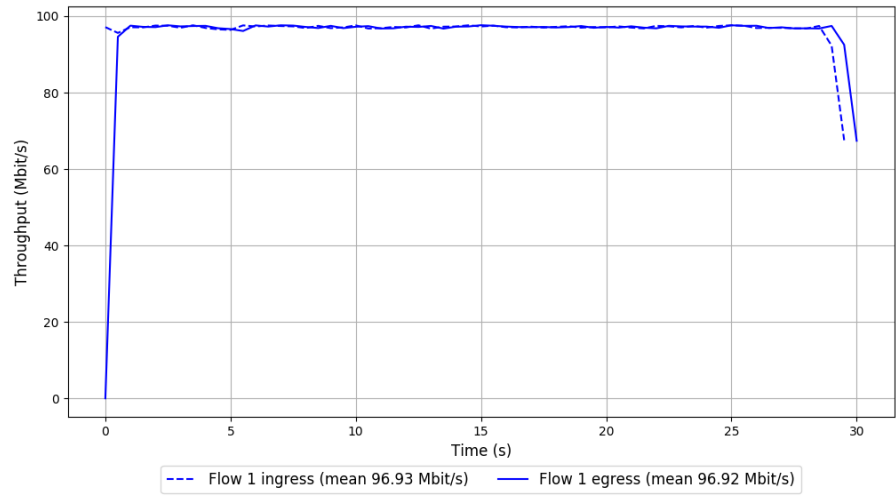


Run 4: Statistics of Indigo

Start at: 2018-05-25 02:17:09
End at: 2018-05-25 02:17:39
Local clock offset: -5.716 ms
Remote clock offset: -5.351 ms

Below is generated by plot.py at 2018-05-25 04:29:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.01%

Run 4: Report of Indigo — Data Link

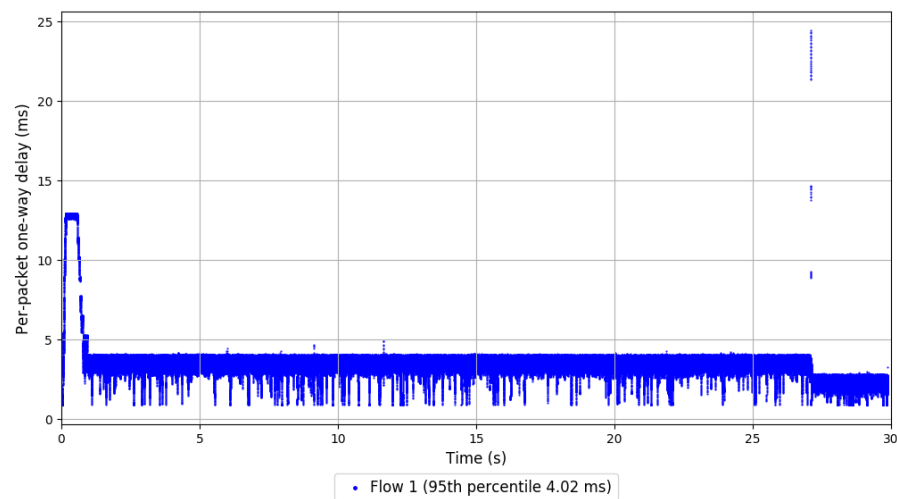
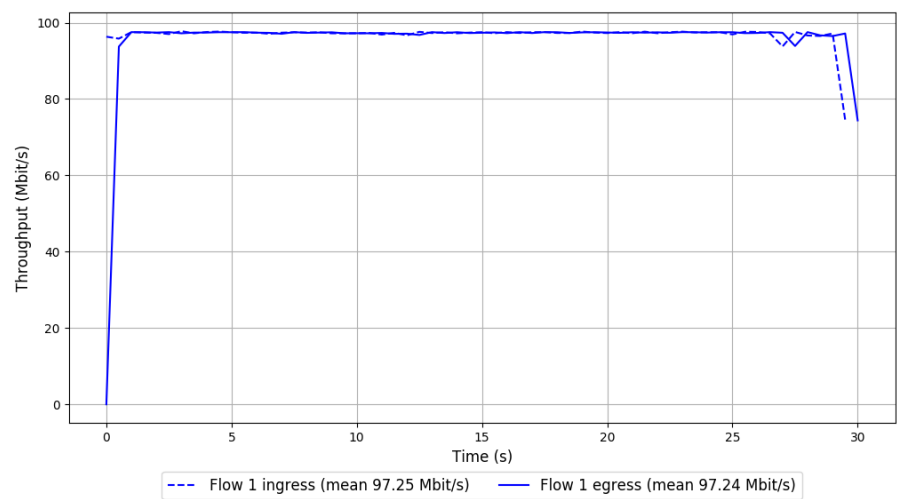


Run 5: Statistics of Indigo

Start at: 2018-05-25 02:34:52
End at: 2018-05-25 02:35:22
Local clock offset: -5.834 ms
Remote clock offset: -6.429 ms

Below is generated by plot.py at 2018-05-25 04:29:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.016 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.016 ms
Loss rate: 0.01%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-05-25 02:52:30

End at: 2018-05-25 02:53:00

Local clock offset: -5.813 ms

Remote clock offset: -6.65 ms

Below is generated by plot.py at 2018-05-25 04:29:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.55 Mbit/s

95th percentile per-packet one-way delay: 3.788 ms

Loss rate: 0.01%

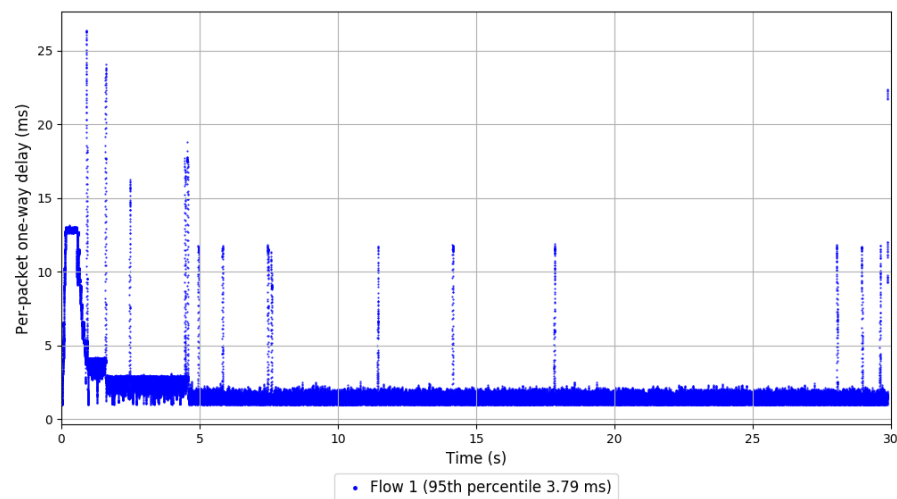
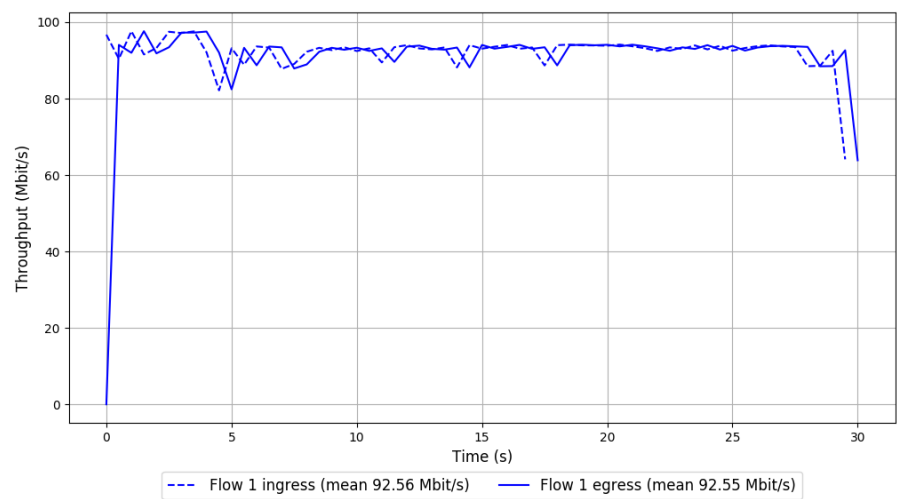
-- Flow 1:

Average throughput: 92.55 Mbit/s

95th percentile per-packet one-way delay: 3.788 ms

Loss rate: 0.01%

Run 6: Report of Indigo — Data Link

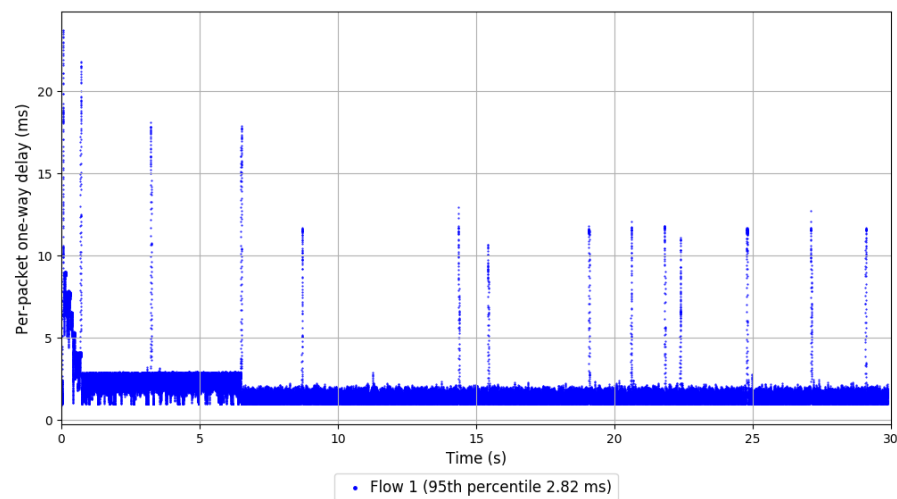
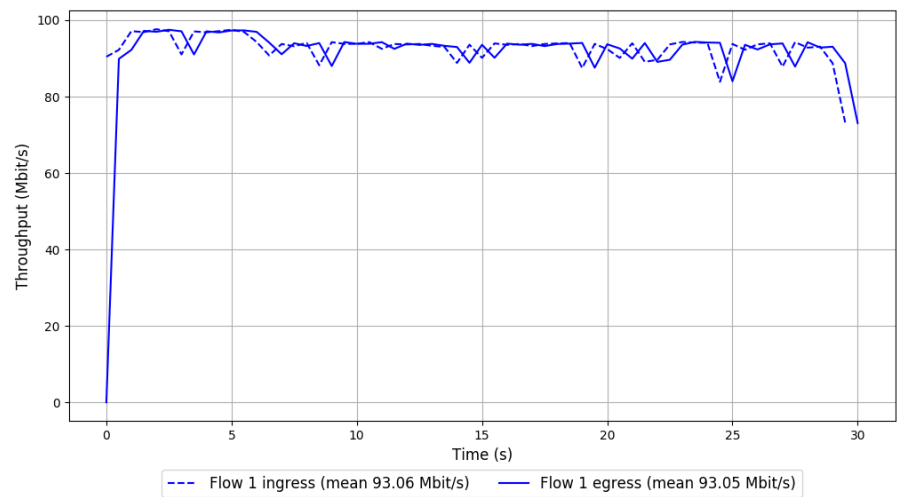


Run 7: Statistics of Indigo

Start at: 2018-05-25 03:10:08
End at: 2018-05-25 03:10:38
Local clock offset: -5.874 ms
Remote clock offset: -6.709 ms

Below is generated by plot.py at 2018-05-25 04:29:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 2.820 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 2.820 ms
Loss rate: 0.01%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-05-25 03:27:46

End at: 2018-05-25 03:28:16

Local clock offset: -5.91 ms

Remote clock offset: -5.069 ms

Below is generated by plot.py at 2018-05-25 04:29:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.091 ms

Loss rate: 0.01%

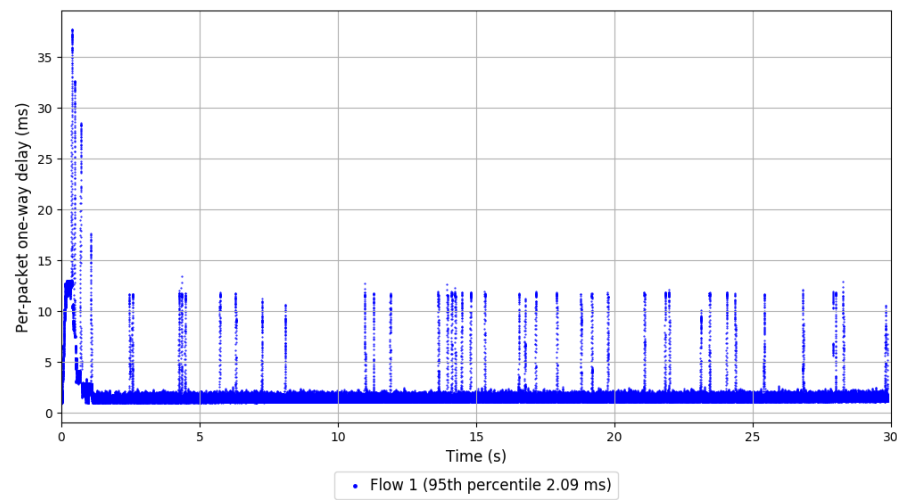
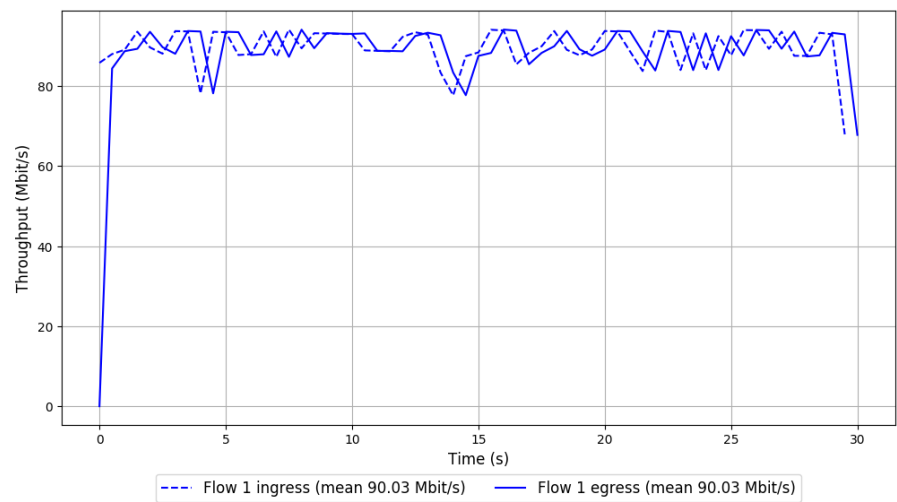
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.091 ms

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link

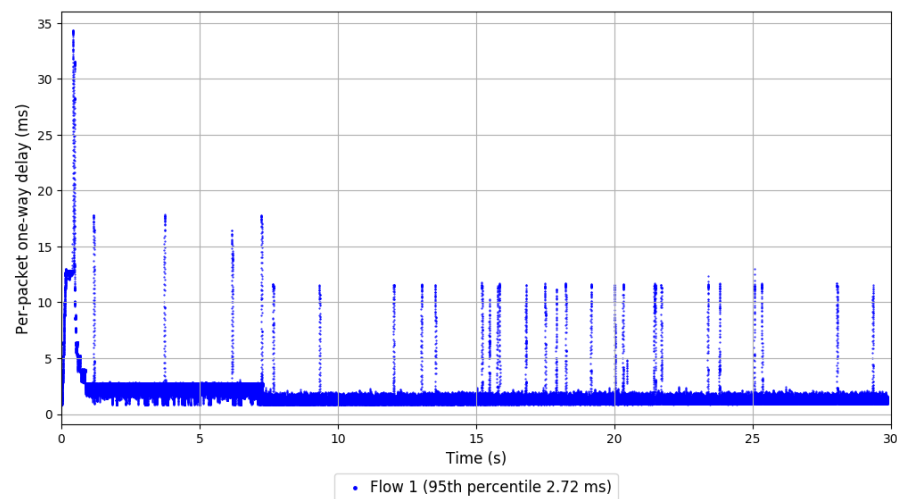
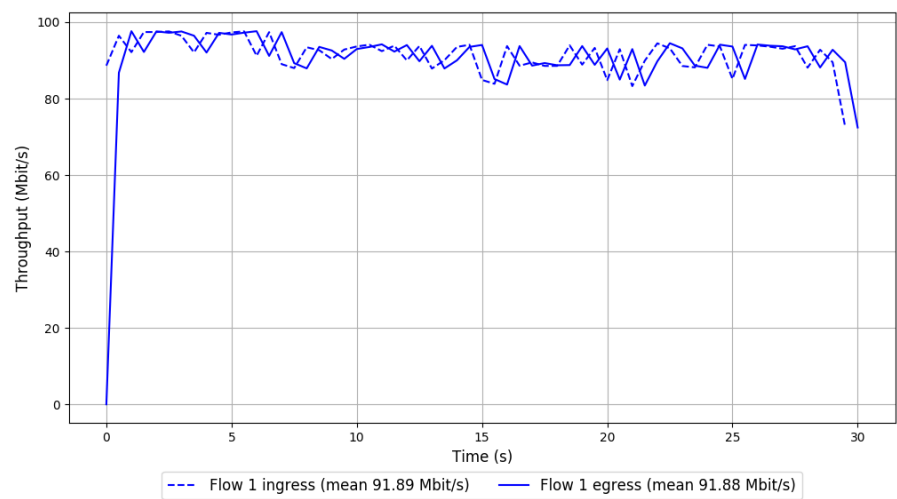


Run 9: Statistics of Indigo

Start at: 2018-05-25 03:45:18
End at: 2018-05-25 03:45:48
Local clock offset: -5.923 ms
Remote clock offset: -2.652 ms

Below is generated by plot.py at 2018-05-25 04:29:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.01%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-05-25 04:02:55

End at: 2018-05-25 04:03:25

Local clock offset: -5.839 ms

Remote clock offset: -2.222 ms

Below is generated by plot.py at 2018-05-25 04:29:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.24 Mbit/s

95th percentile per-packet one-way delay: 2.587 ms

Loss rate: 0.01%

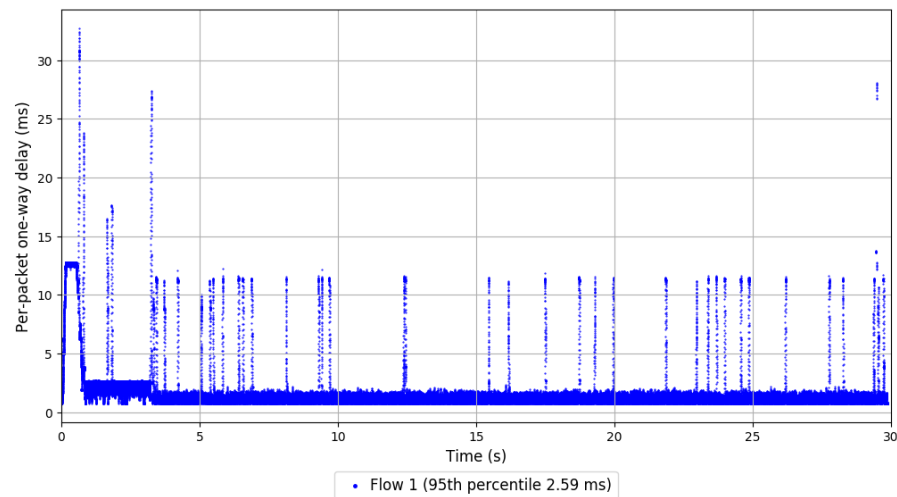
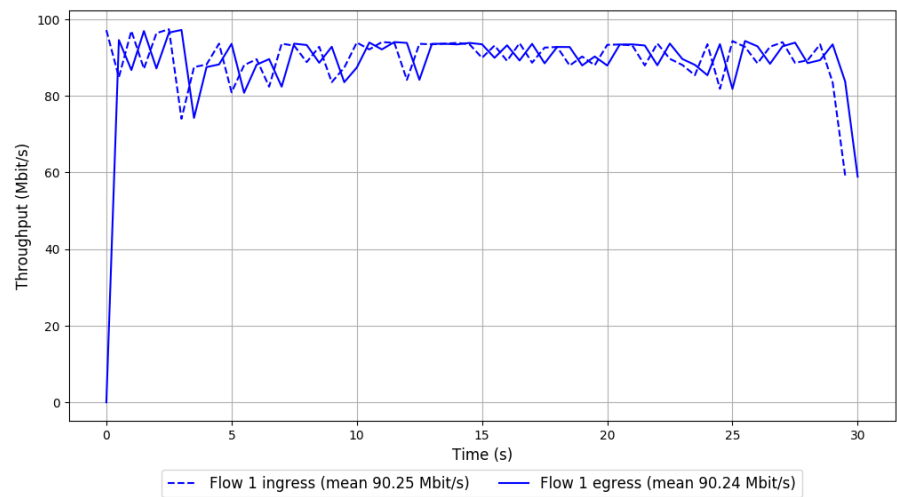
-- Flow 1:

Average throughput: 90.24 Mbit/s

95th percentile per-packet one-way delay: 2.587 ms

Loss rate: 0.01%

Run 10: Report of Indigo — Data Link

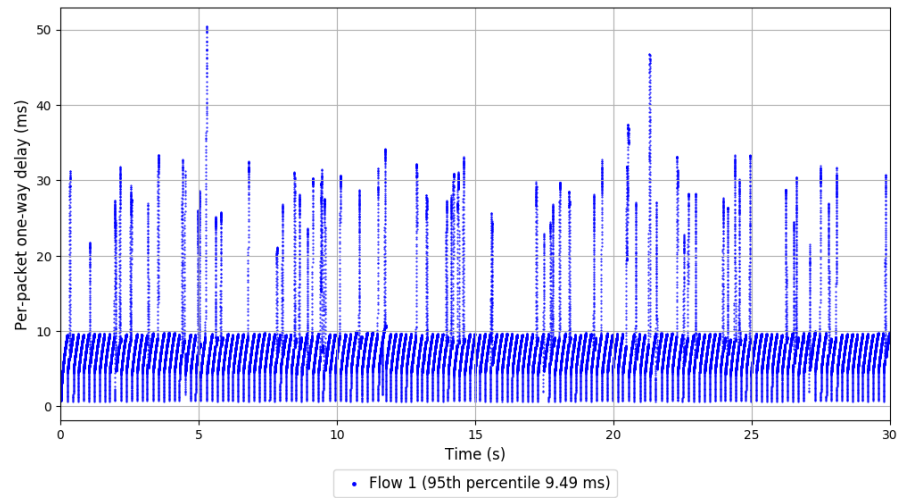
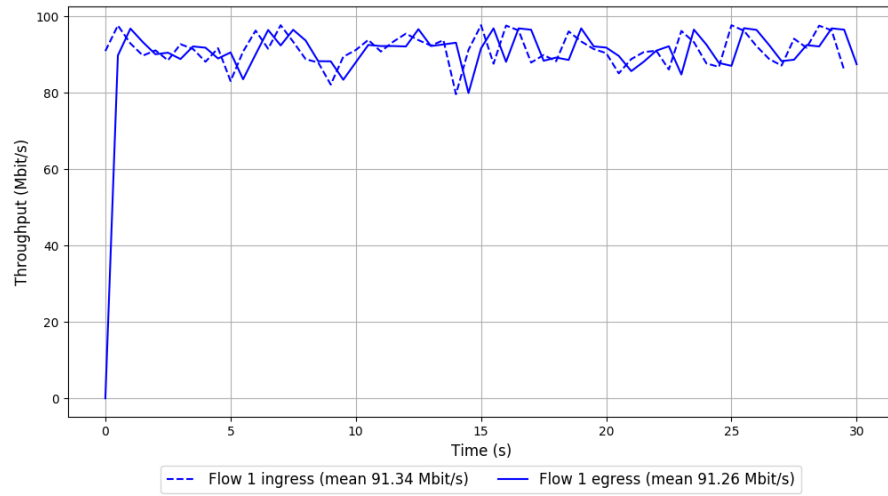


Run 1: Statistics of LEDBAT

Start at: 2018-05-25 01:31:56
End at: 2018-05-25 01:32:26
Local clock offset: -5.927 ms
Remote clock offset: -6.119 ms

Below is generated by plot.py at 2018-05-25 04:30:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 9.494 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 9.494 ms
Loss rate: 0.07%

Run 1: Report of LEDBAT — Data Link

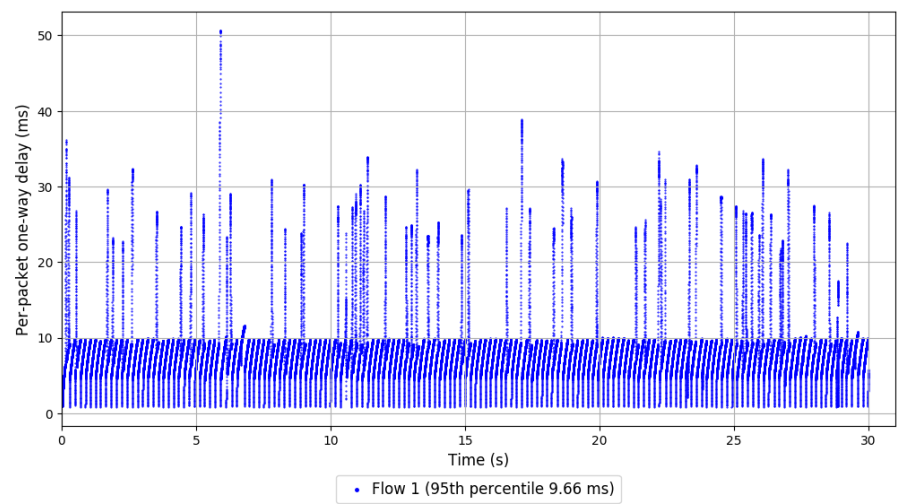
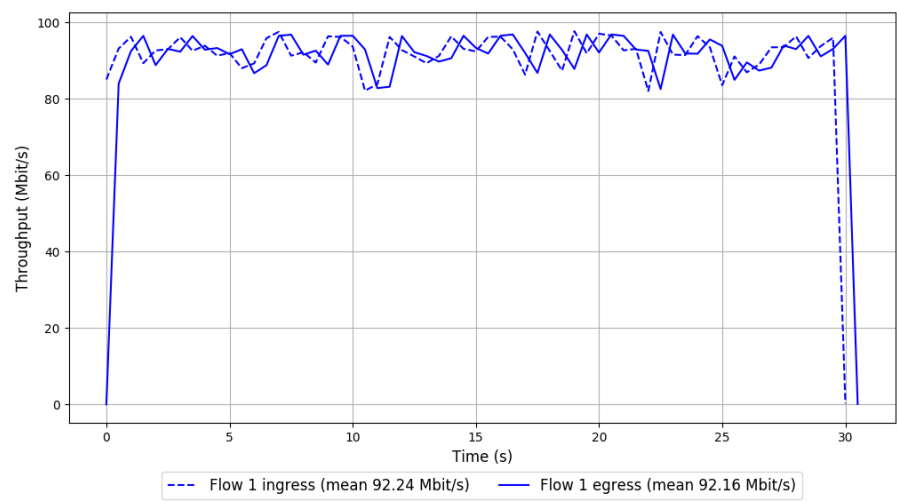


Run 2: Statistics of LEDBAT

Start at: 2018-05-25 01:49:33
End at: 2018-05-25 01:50:03
Local clock offset: -5.675 ms
Remote clock offset: -5.522 ms

Below is generated by plot.py at 2018-05-25 04:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 9.665 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 9.665 ms
Loss rate: 0.09%

Run 2: Report of LEDBAT — Data Link

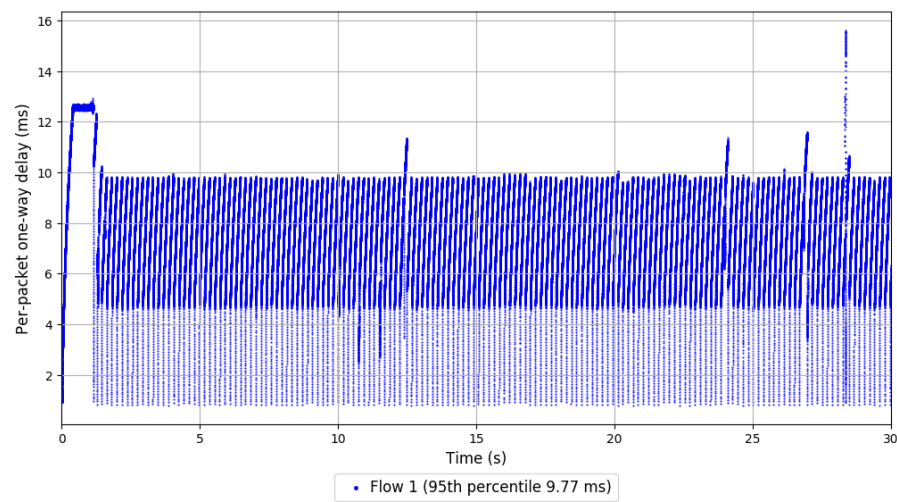
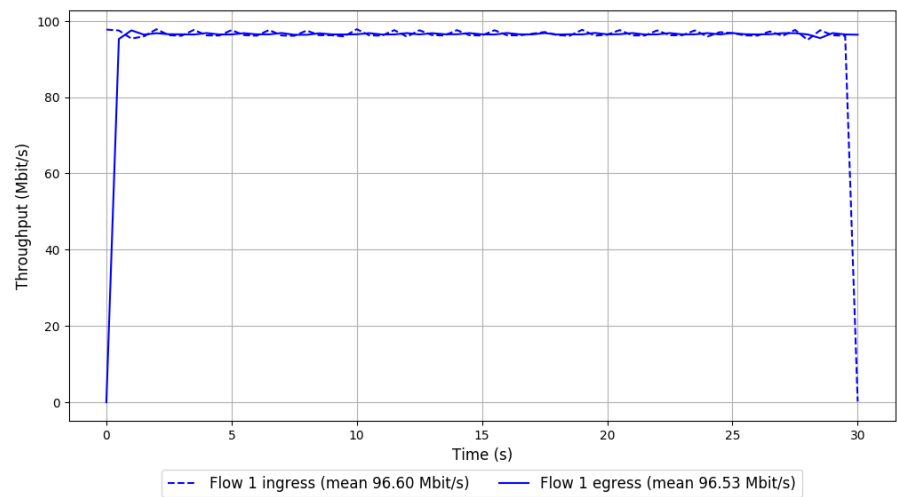


Run 3: Statistics of LEDBAT

Start at: 2018-05-25 02:07:09
End at: 2018-05-25 02:07:39
Local clock offset: -5.706 ms
Remote clock offset: -4.983 ms

Below is generated by plot.py at 2018-05-25 04:30:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 9.768 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 9.768 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link

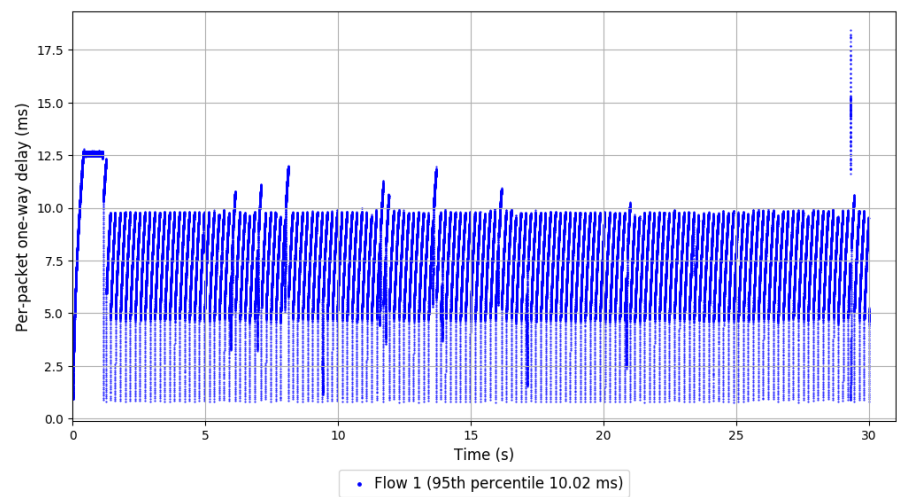
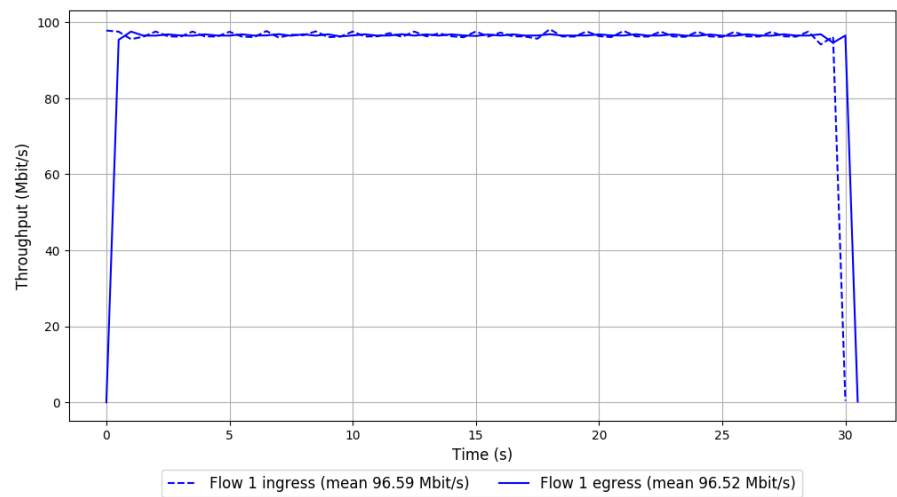


Run 4: Statistics of LEDBAT

Start at: 2018-05-25 02:24:51
End at: 2018-05-25 02:25:21
Local clock offset: -5.713 ms
Remote clock offset: -6.036 ms

Below is generated by plot.py at 2018-05-25 04:30:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 10.016 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 10.016 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

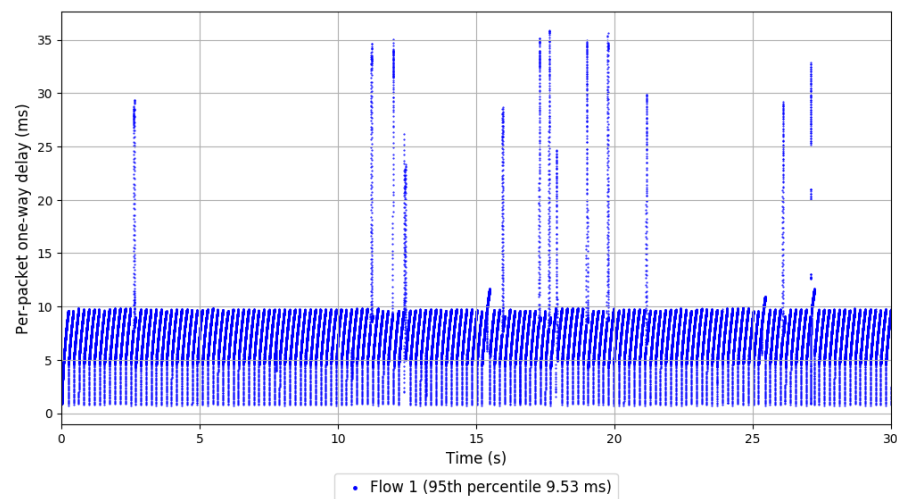
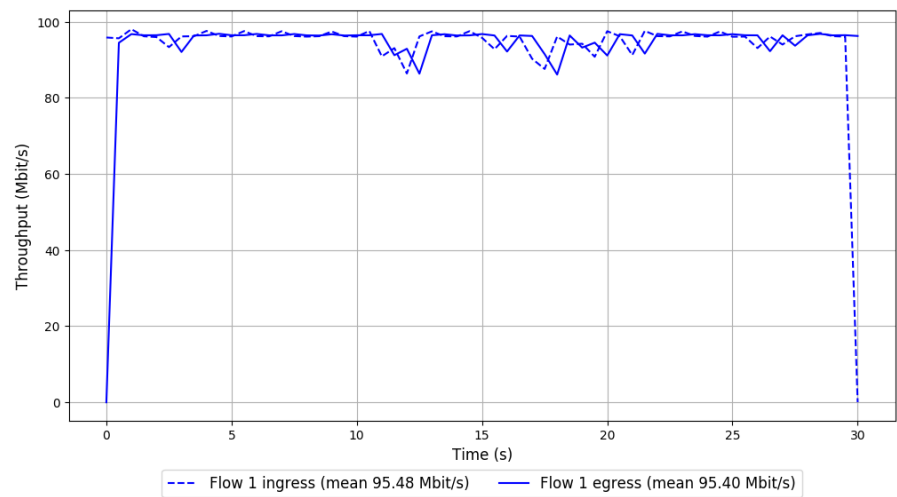


Run 5: Statistics of LEDBAT

Start at: 2018-05-25 02:42:33
End at: 2018-05-25 02:43:03
Local clock offset: -5.862 ms
Remote clock offset: -6.496 ms

Below is generated by plot.py at 2018-05-25 04:30:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 9.530 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 9.530 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link

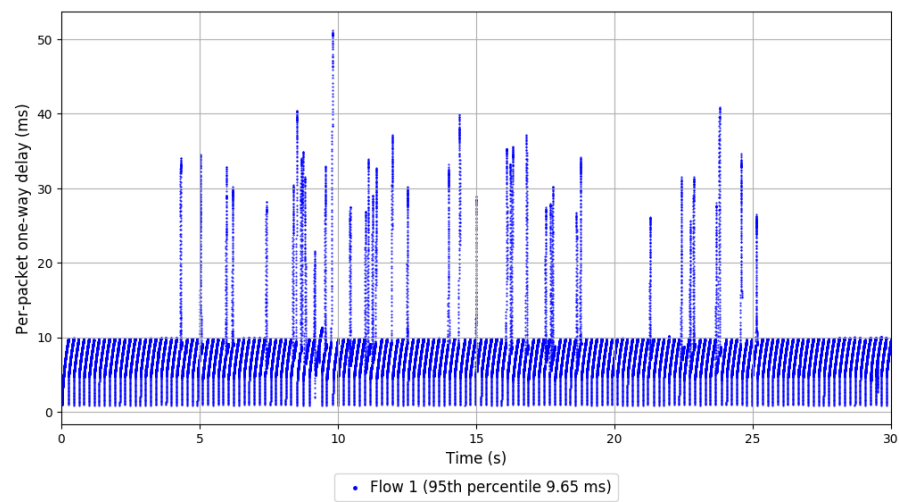
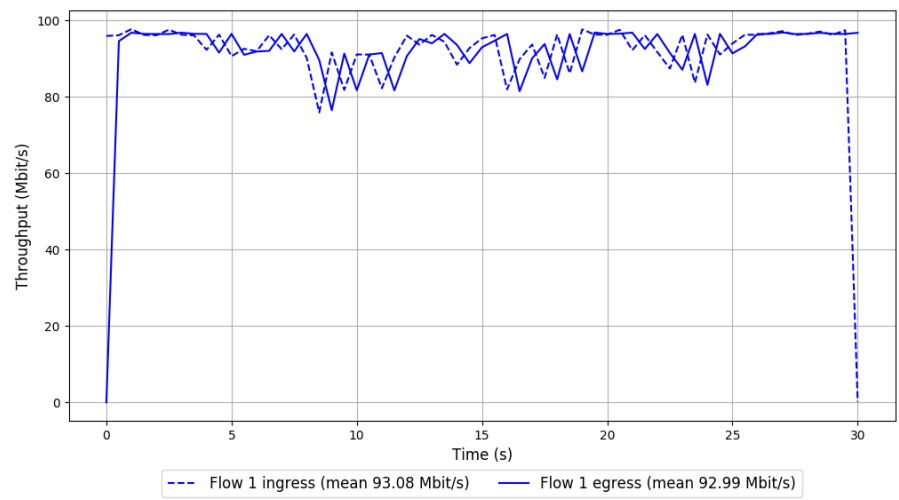


Run 6: Statistics of LEDBAT

Start at: 2018-05-25 03:00:10
End at: 2018-05-25 03:00:40
Local clock offset: -5.882 ms
Remote clock offset: -6.714 ms

Below is generated by plot.py at 2018-05-25 04:30:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: 9.653 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: 9.653 ms
Loss rate: 0.10%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-05-25 03:17:49

End at: 2018-05-25 03:18:19

Local clock offset: -5.967 ms

Remote clock offset: -6.73 ms

Below is generated by plot.py at 2018-05-25 04:30:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 9.736 ms

Loss rate: 0.09%

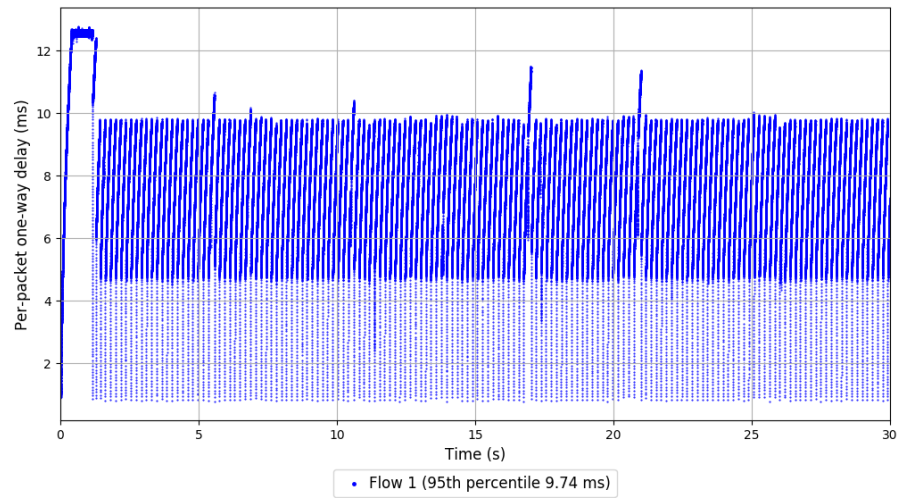
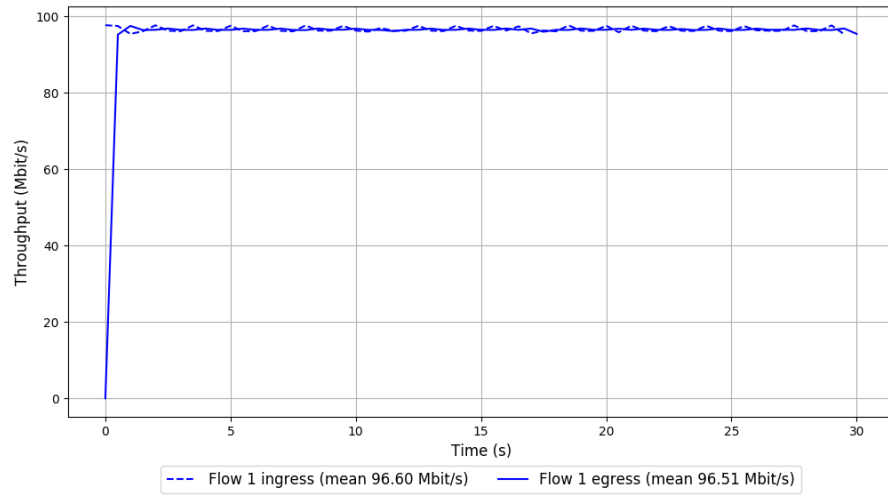
-- Flow 1:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 9.736 ms

Loss rate: 0.09%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-05-25 03:35:27

End at: 2018-05-25 03:35:57

Local clock offset: -5.845 ms

Remote clock offset: -3.65 ms

Below is generated by plot.py at 2018-05-25 04:31:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 9.674 ms

Loss rate: 0.10%

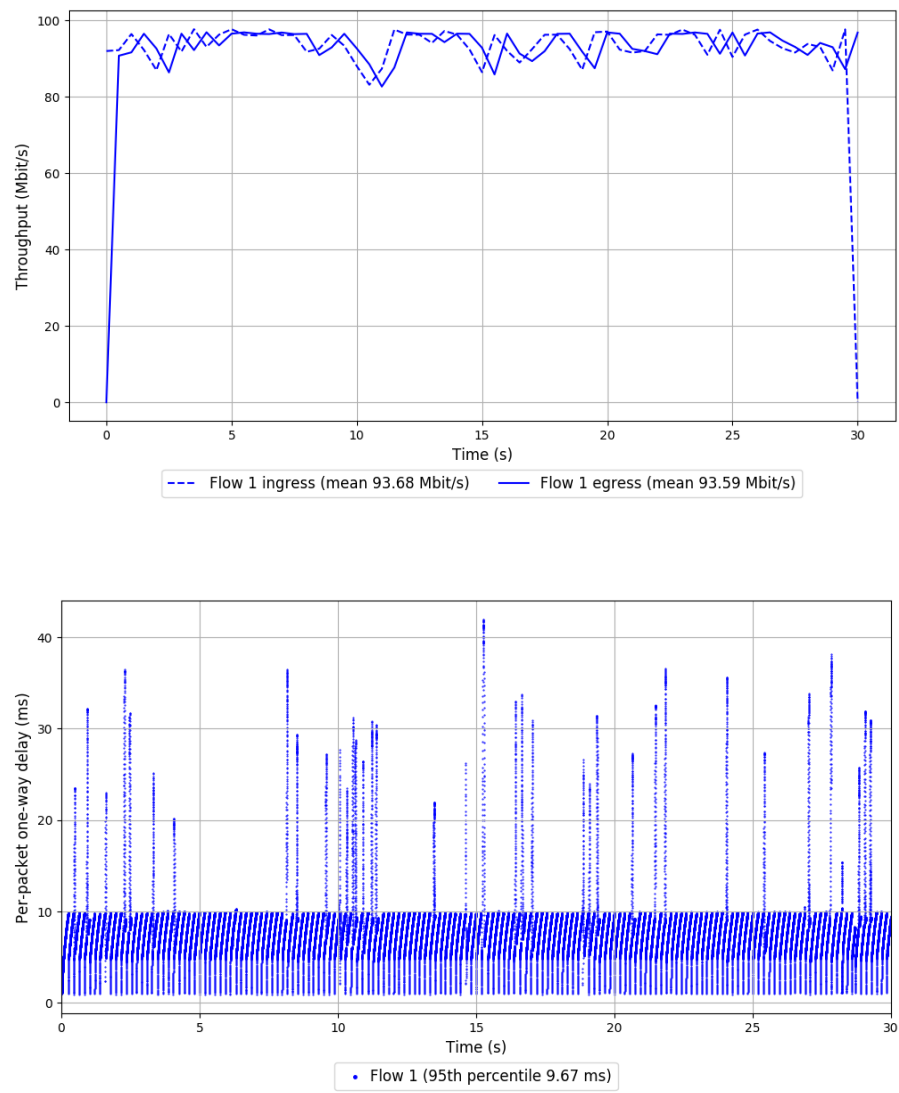
-- Flow 1:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 9.674 ms

Loss rate: 0.10%

Run 8: Report of LEDBAT — Data Link

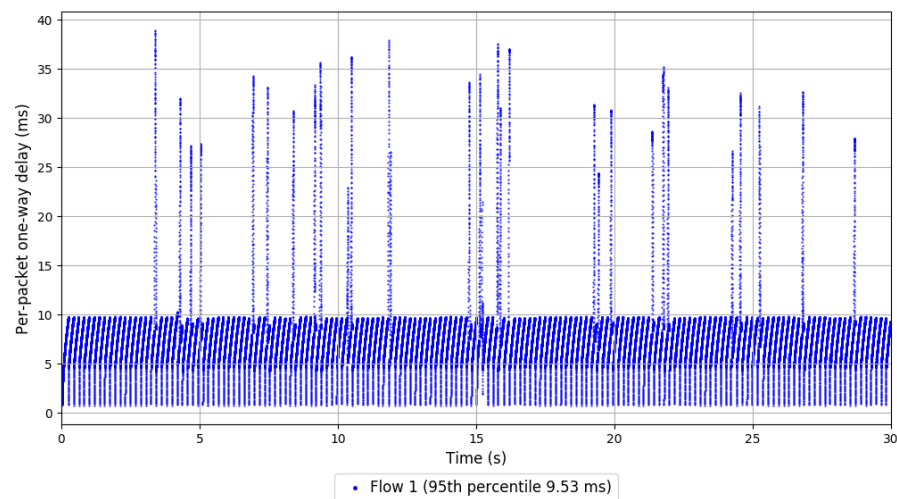
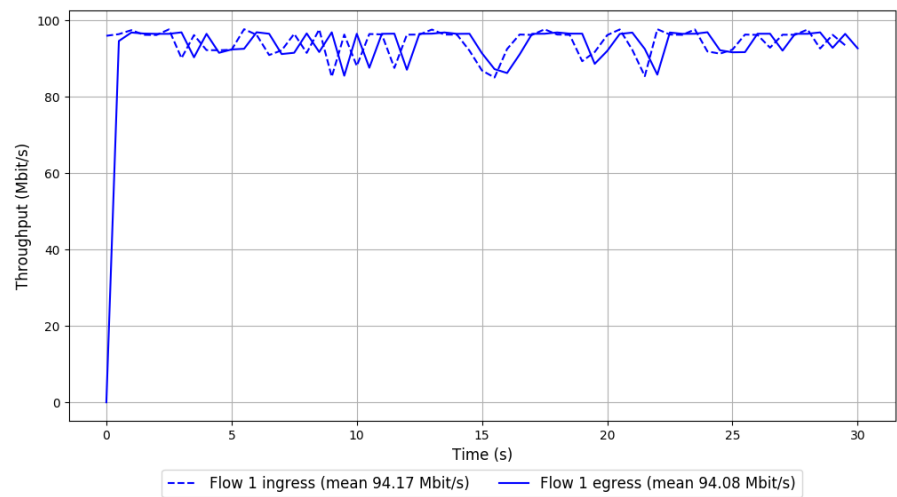


Run 9: Statistics of LEDBAT

Start at: 2018-05-25 03:52:58
End at: 2018-05-25 03:53:28
Local clock offset: -5.864 ms
Remote clock offset: -2.096 ms

Below is generated by plot.py at 2018-05-25 04:31:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 9.531 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 9.531 ms
Loss rate: 0.10%

Run 9: Report of LEDBAT — Data Link

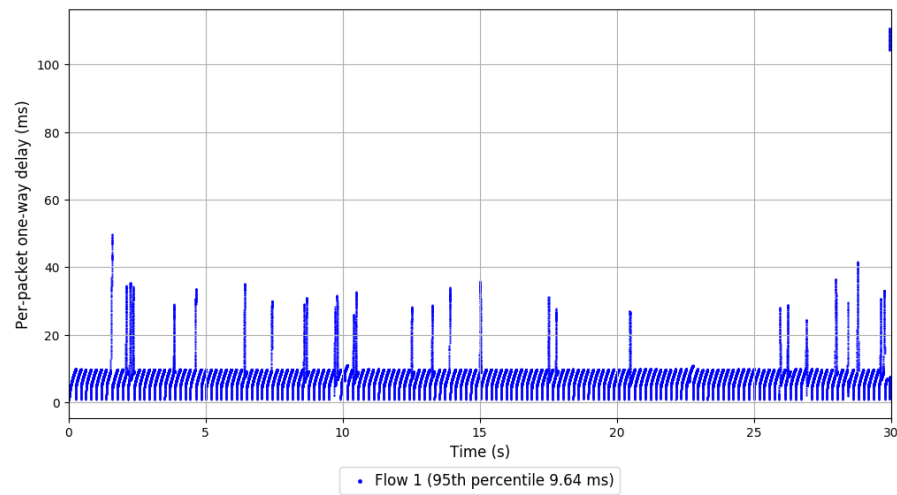
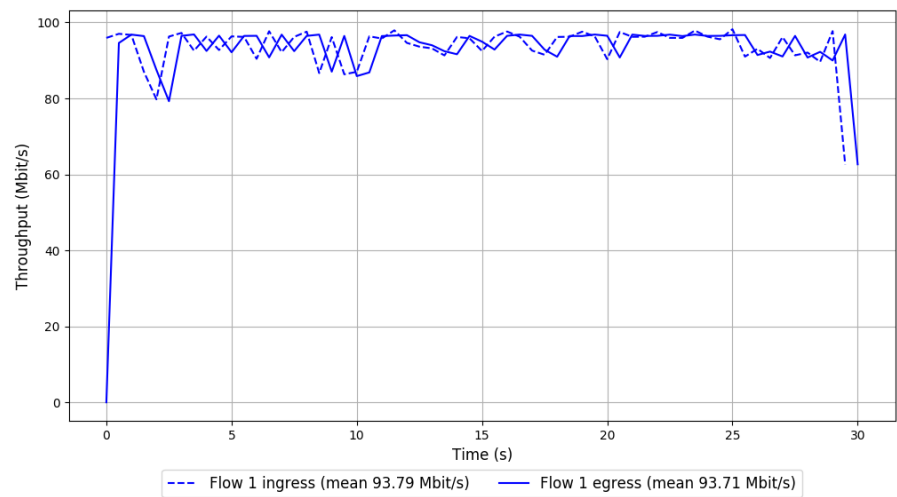


Run 10: Statistics of LEDBAT

Start at: 2018-05-25 04:10:35
End at: 2018-05-25 04:11:05
Local clock offset: -5.694 ms
Remote clock offset: -2.406 ms

Below is generated by plot.py at 2018-05-25 04:31:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 9.644 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 9.644 ms
Loss rate: 0.10%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-05-25 01:36:23

End at: 2018-05-25 01:36:53

Local clock offset: -5.864 ms

Remote clock offset: -6.125 ms

Below is generated by plot.py at 2018-05-25 04:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.04 Mbit/s

95th percentile per-packet one-way delay: 12.691 ms

Loss rate: 0.30%

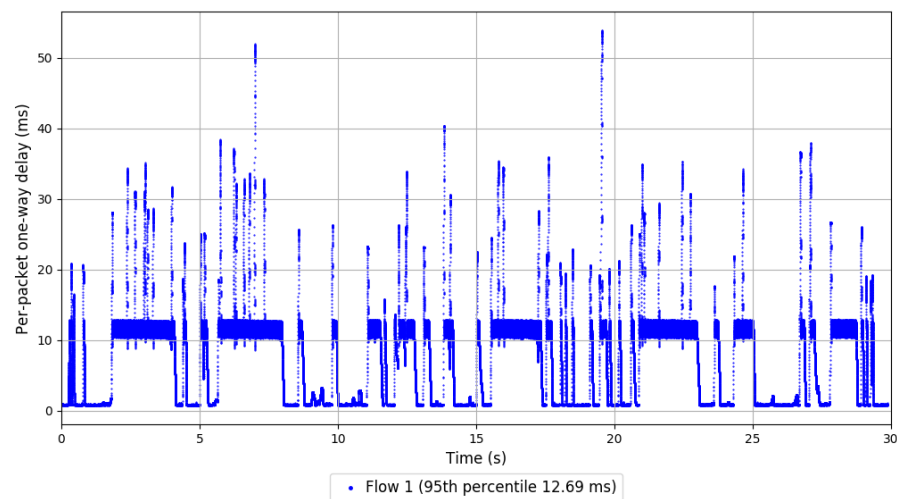
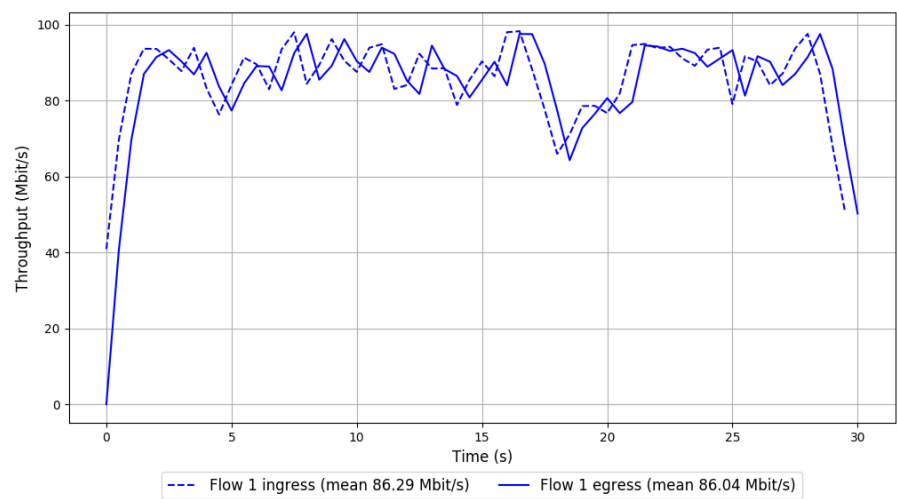
-- Flow 1:

Average throughput: 86.04 Mbit/s

95th percentile per-packet one-way delay: 12.691 ms

Loss rate: 0.30%

Run 1: Report of PCC-Allegro — Data Link

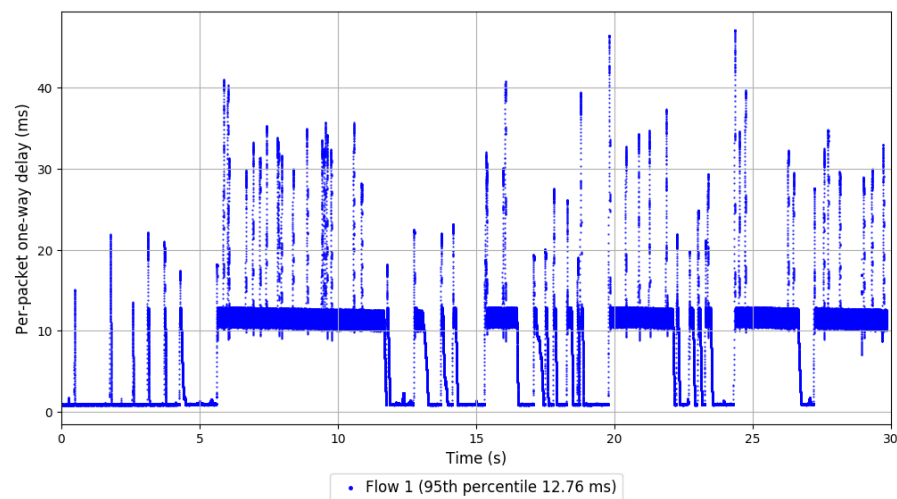
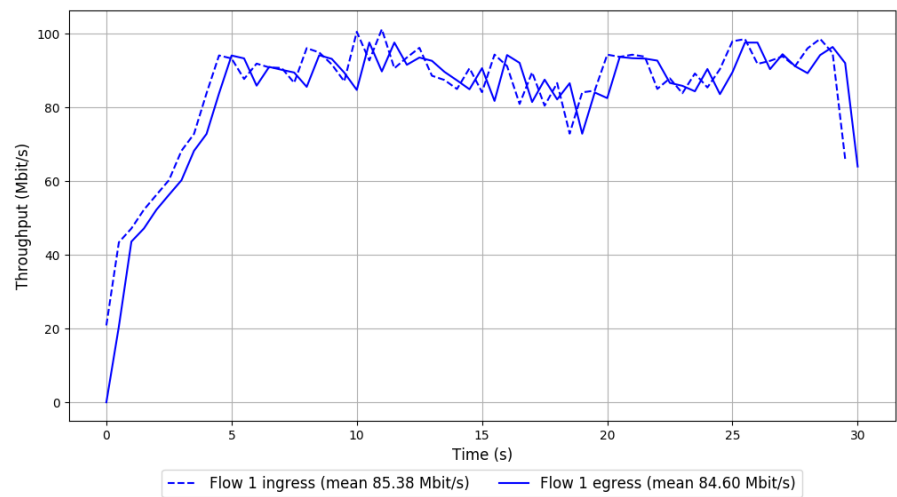


Run 2: Statistics of PCC-Allegro

Start at: 2018-05-25 01:53:59
End at: 2018-05-25 01:54:29
Local clock offset: -5.659 ms
Remote clock offset: -5.366 ms

Below is generated by plot.py at 2018-05-25 04:31:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 12.757 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 12.757 ms
Loss rate: 0.93%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-05-25 02:11:40

End at: 2018-05-25 02:12:11

Local clock offset: -5.828 ms

Remote clock offset: -4.941 ms

Below is generated by plot.py at 2018-05-25 04:31:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: 12.610 ms

Loss rate: 0.13%

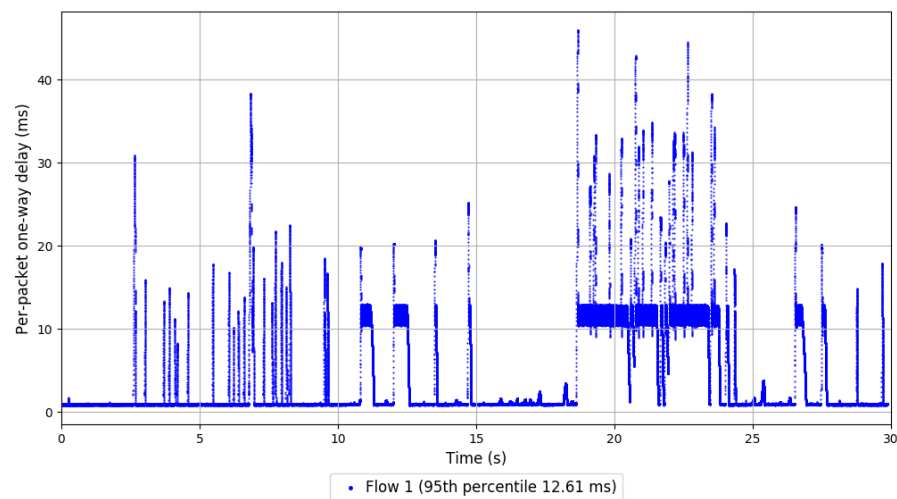
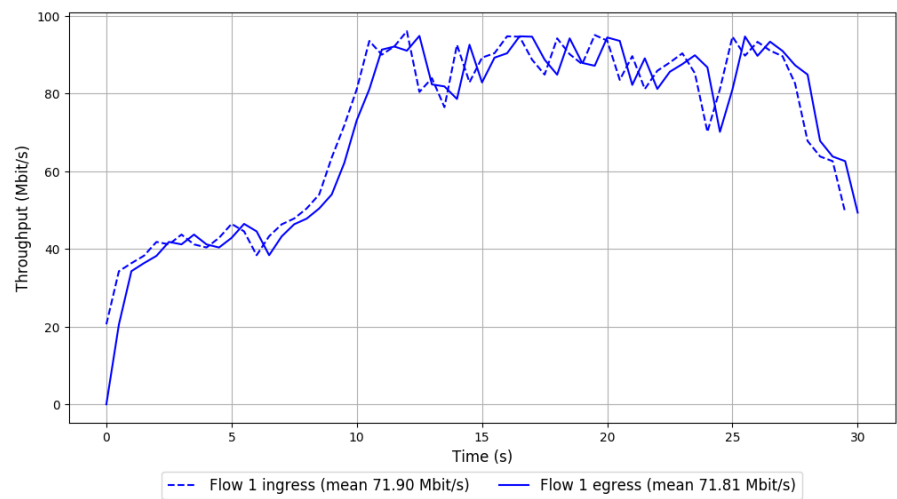
-- Flow 1:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: 12.610 ms

Loss rate: 0.13%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-05-25 02:29:22

End at: 2018-05-25 02:29:52

Local clock offset: -5.776 ms

Remote clock offset: -6.295 ms

Below is generated by plot.py at 2018-05-25 04:31:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 3.824 ms

Loss rate: 0.01%

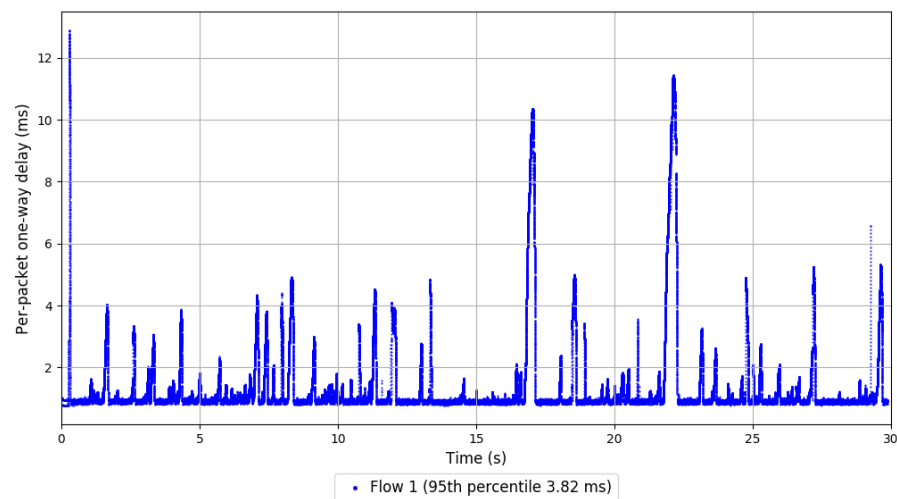
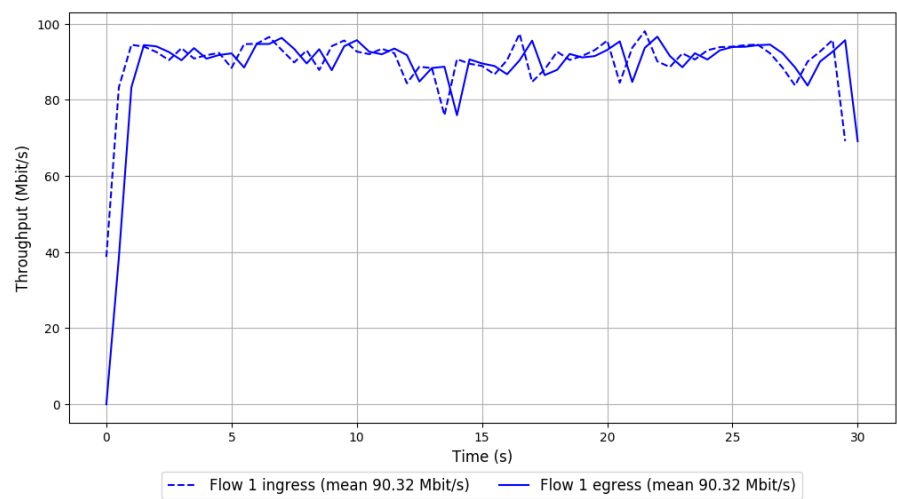
-- Flow 1:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 3.824 ms

Loss rate: 0.01%

Run 4: Report of PCC-Allegro — Data Link

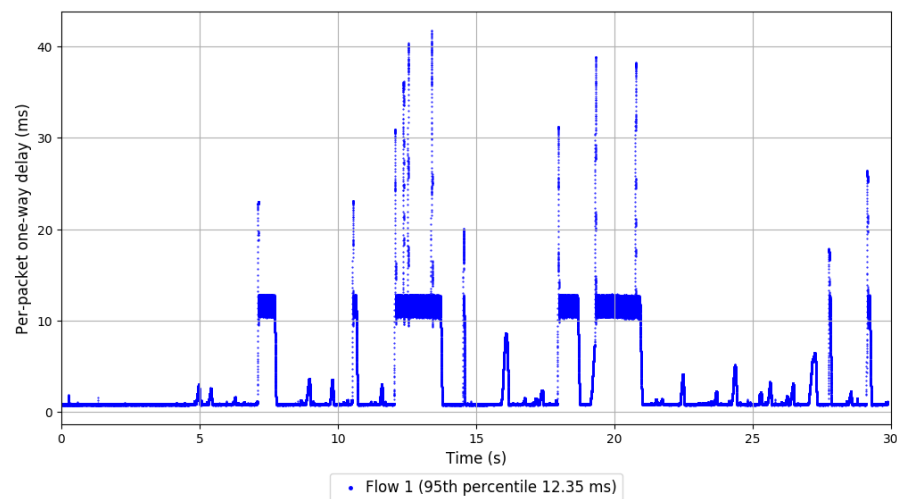
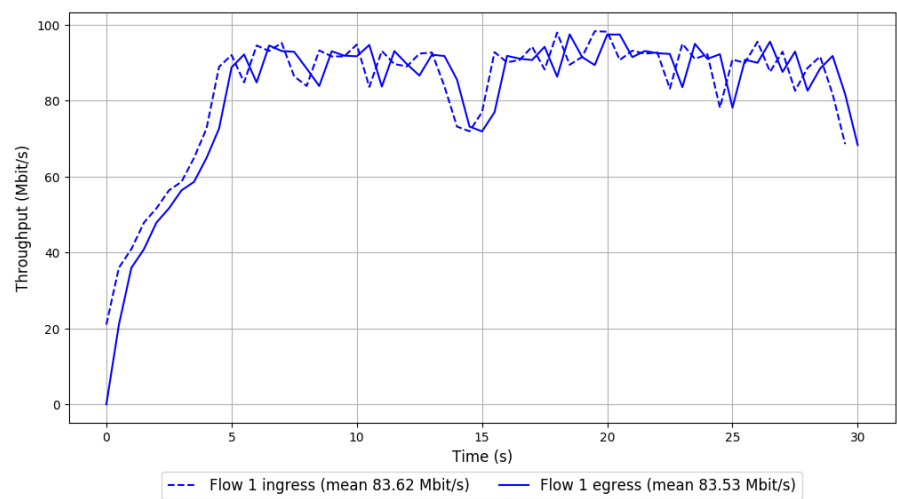


Run 5: Statistics of PCC-Allegro

Start at: 2018-05-25 02:47:00
End at: 2018-05-25 02:47:30
Local clock offset: -5.857 ms
Remote clock offset: -6.554 ms

Below is generated by plot.py at 2018-05-25 04:31:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.53 Mbit/s
95th percentile per-packet one-way delay: 12.351 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.53 Mbit/s
95th percentile per-packet one-way delay: 12.351 ms
Loss rate: 0.12%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-05-25 03:04:38

End at: 2018-05-25 03:05:08

Local clock offset: -5.97 ms

Remote clock offset: -6.633 ms

Below is generated by plot.py at 2018-05-25 04:31:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 12.223 ms

Loss rate: 0.14%

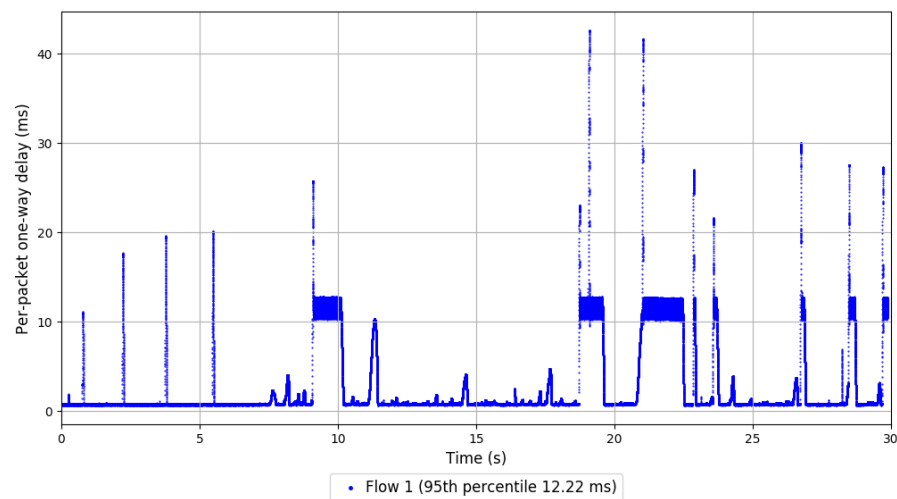
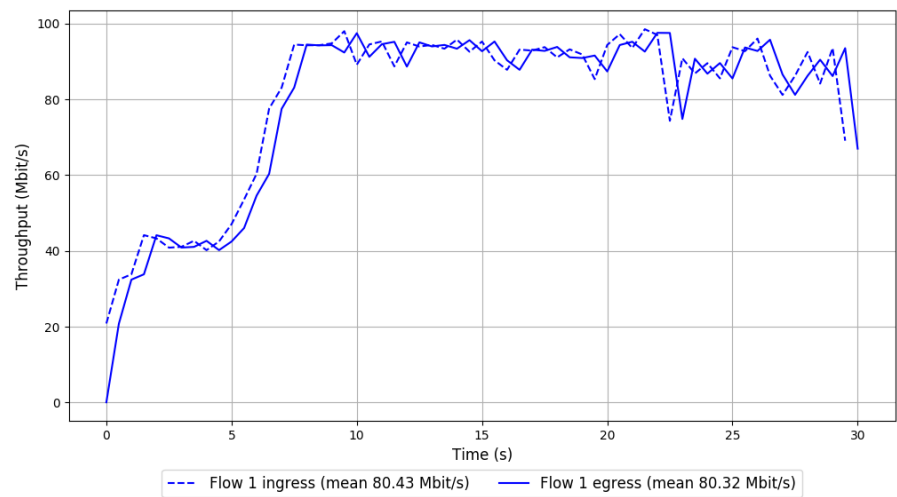
-- Flow 1:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 12.223 ms

Loss rate: 0.14%

Run 6: Report of PCC-Allegro — Data Link

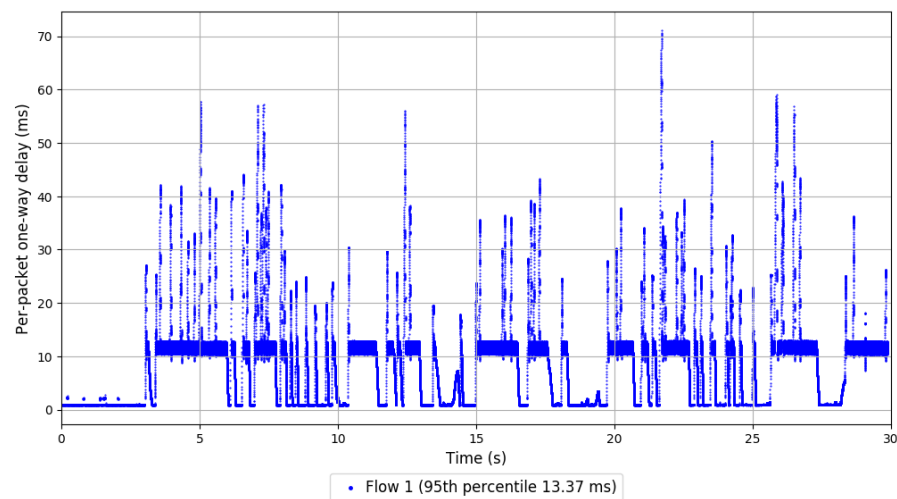
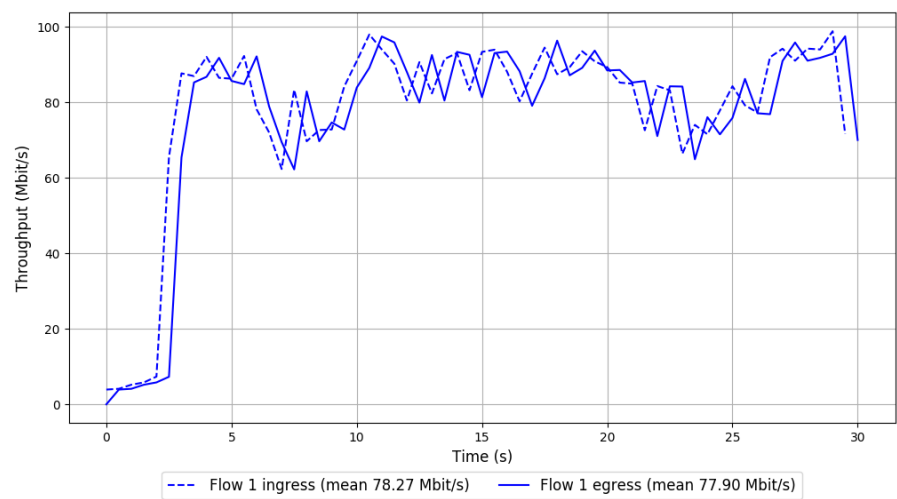


Run 7: Statistics of PCC-Allegro

Start at: 2018-05-25 03:22:18
End at: 2018-05-25 03:22:48
Local clock offset: -5.932 ms
Remote clock offset: -6.719 ms

Below is generated by plot.py at 2018-05-25 04:32:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.90 Mbit/s
95th percentile per-packet one-way delay: 13.368 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 77.90 Mbit/s
95th percentile per-packet one-way delay: 13.368 ms
Loss rate: 0.47%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-05-25 03:39:48

End at: 2018-05-25 03:40:18

Local clock offset: -5.875 ms

Remote clock offset: -3.079 ms

Below is generated by plot.py at 2018-05-25 04:32:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.26 Mbit/s

95th percentile per-packet one-way delay: 12.625 ms

Loss rate: 0.35%

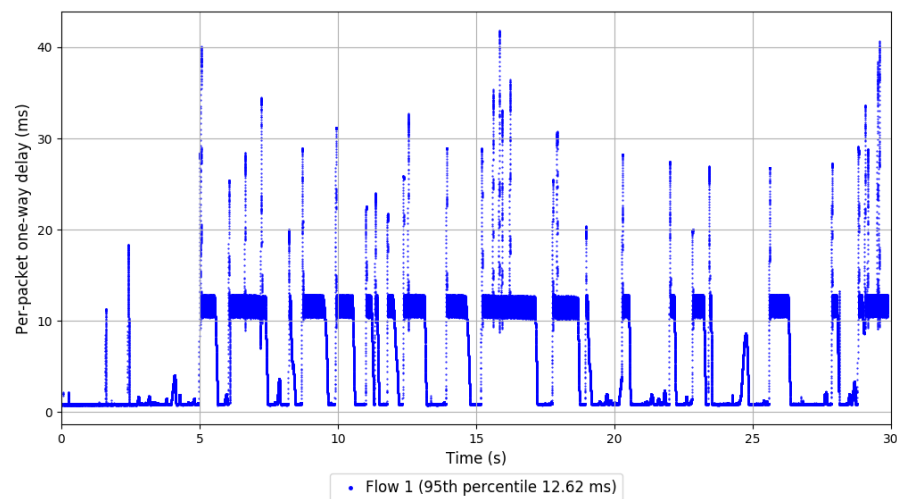
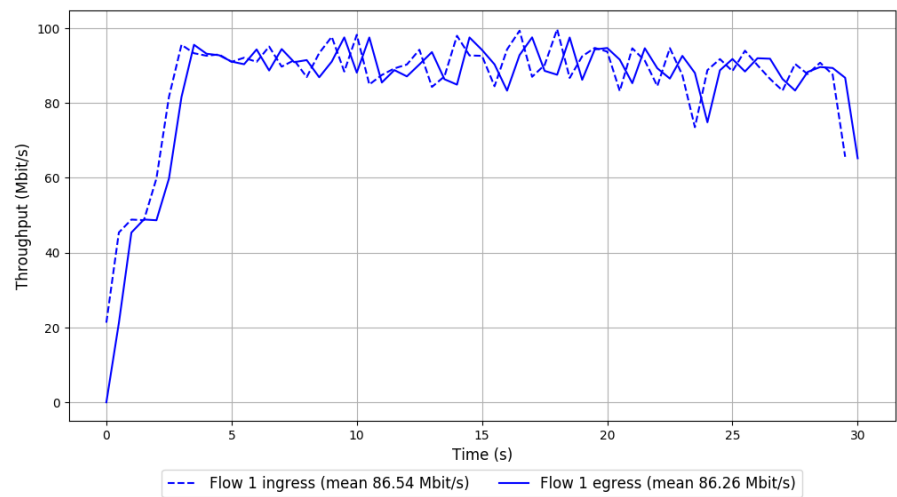
-- Flow 1:

Average throughput: 86.26 Mbit/s

95th percentile per-packet one-way delay: 12.625 ms

Loss rate: 0.35%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-05-25 03:57:25

End at: 2018-05-25 03:57:55

Local clock offset: -5.881 ms

Remote clock offset: -1.894 ms

Below is generated by plot.py at 2018-05-25 04:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 12.450 ms

Loss rate: 0.17%

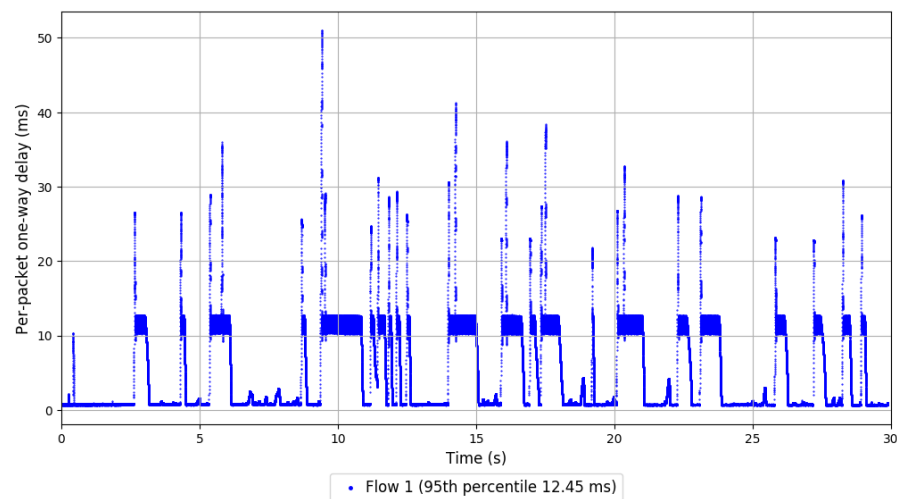
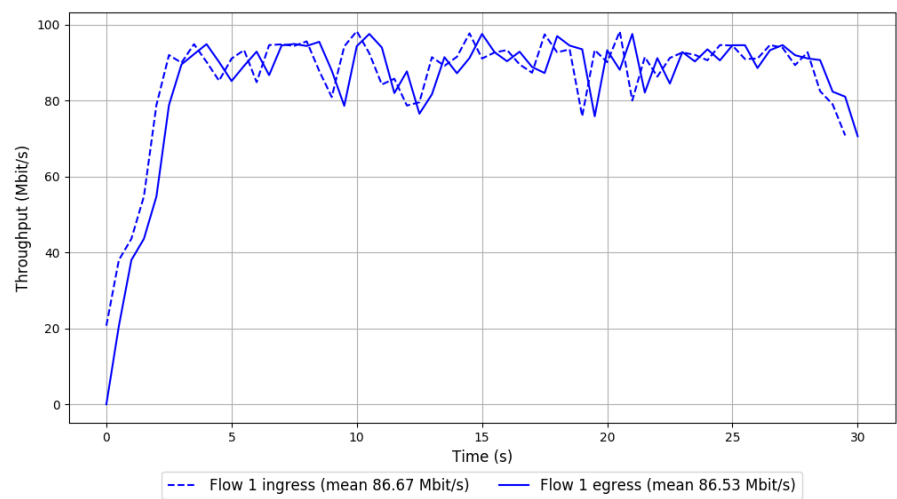
-- Flow 1:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 12.450 ms

Loss rate: 0.17%

Run 9: Report of PCC-Allegro — Data Link

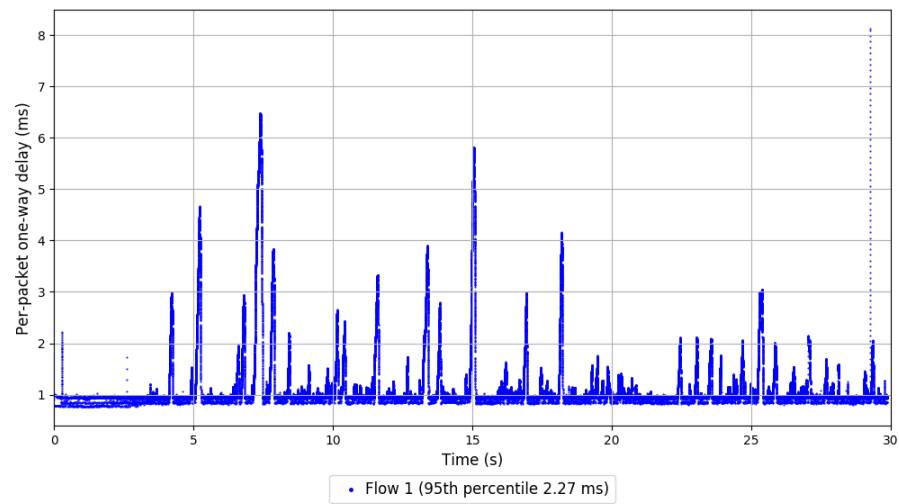
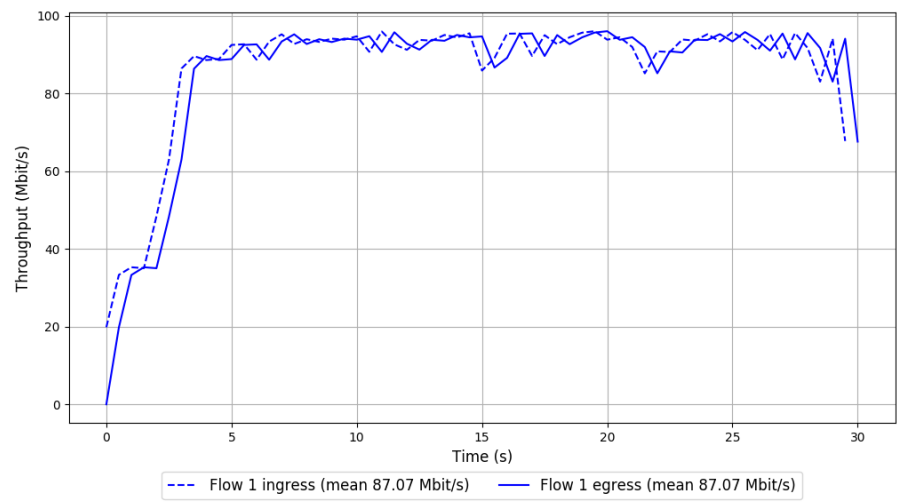


Run 10: Statistics of PCC-Allegro

Start at: 2018-05-25 04:15:03
End at: 2018-05-25 04:15:33
Local clock offset: -5.669 ms
Remote clock offset: -2.307 ms

Below is generated by plot.py at 2018-05-25 04:32:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.01%

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-25 01:26:28

End at: 2018-05-25 01:26:58

Local clock offset: -5.911 ms

Remote clock offset: -6.118 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-05-25 01:44:05

End at: 2018-05-25 01:44:35

Local clock offset: -5.7 ms

Remote clock offset: -5.804 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-05-25 02:01:42

End at: 2018-05-25 02:02:12

Local clock offset: -5.755 ms

Remote clock offset: -5.119 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-05-25 02:19:23

End at: 2018-05-25 02:19:53

Local clock offset: -5.713 ms

Remote clock offset: -5.631 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of PCC-Expr

Start at: 2018-05-25 02:37:06

End at: 2018-05-25 02:37:36

Local clock offset: -5.899 ms

Remote clock offset: -6.42 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of PCC-Expr

Start at: 2018-05-25 02:54:43

End at: 2018-05-25 02:55:13

Local clock offset: -5.941 ms

Remote clock offset: -6.664 ms

Run 6: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC-Expr

Start at: 2018-05-25 03:12:21

End at: 2018-05-25 03:12:51

Local clock offset: -5.885 ms

Remote clock offset: -6.639 ms

Run 7: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC-Expr

Start at: 2018-05-25 03:30:00

End at: 2018-05-25 03:30:30

Local clock offset: -5.877 ms

Remote clock offset: -4.53 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-05-25 03:47:31

End at: 2018-05-25 03:48:01

Local clock offset: -5.87 ms

Remote clock offset: -2.408 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of PCC-Expr

Start at: 2018-05-25 04:05:08

End at: 2018-05-25 04:05:38

Local clock offset: -5.707 ms

Remote clock offset: -2.31 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of QUIC Cubic

Start at: 2018-05-25 01:39:38

End at: 2018-05-25 01:40:08

Local clock offset: -5.721 ms

Remote clock offset: -6.015 ms

Below is generated by plot.py at 2018-05-25 04:32:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.48 Mbit/s

95th percentile per-packet one-way delay: 12.138 ms

Loss rate: 0.07%

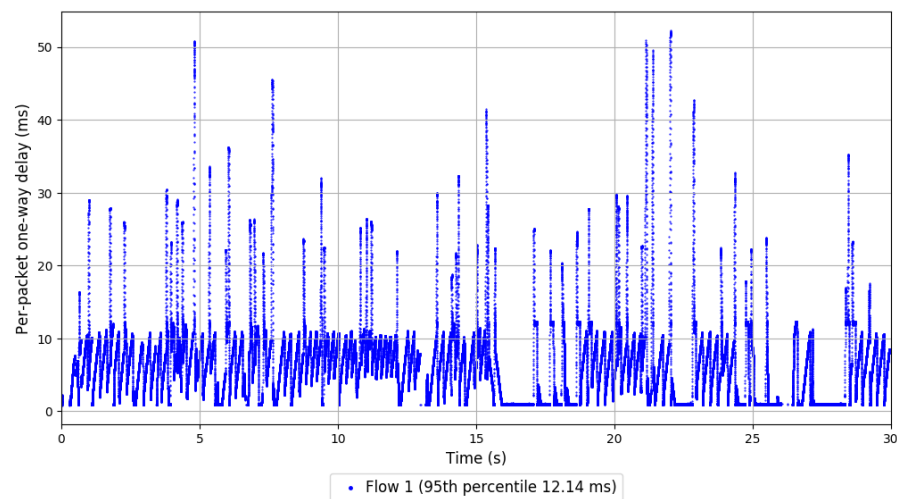
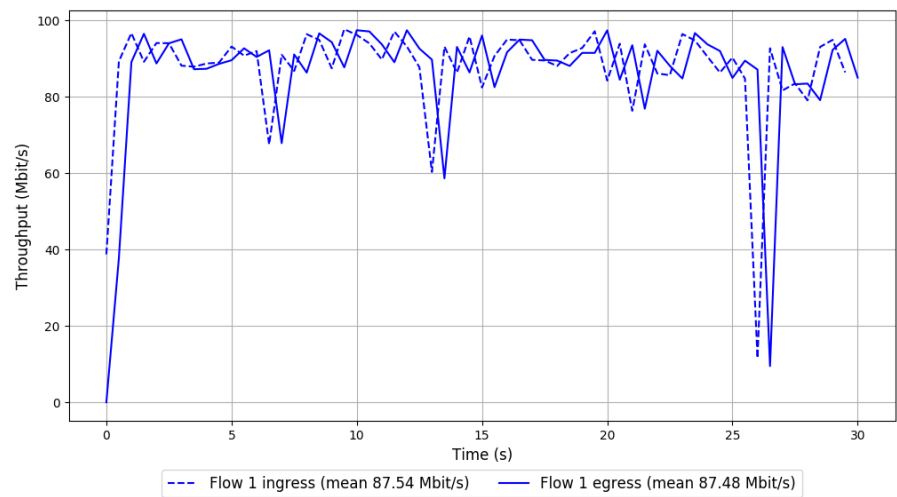
-- Flow 1:

Average throughput: 87.48 Mbit/s

95th percentile per-packet one-way delay: 12.138 ms

Loss rate: 0.07%

Run 1: Report of QUIC Cubic — Data Link

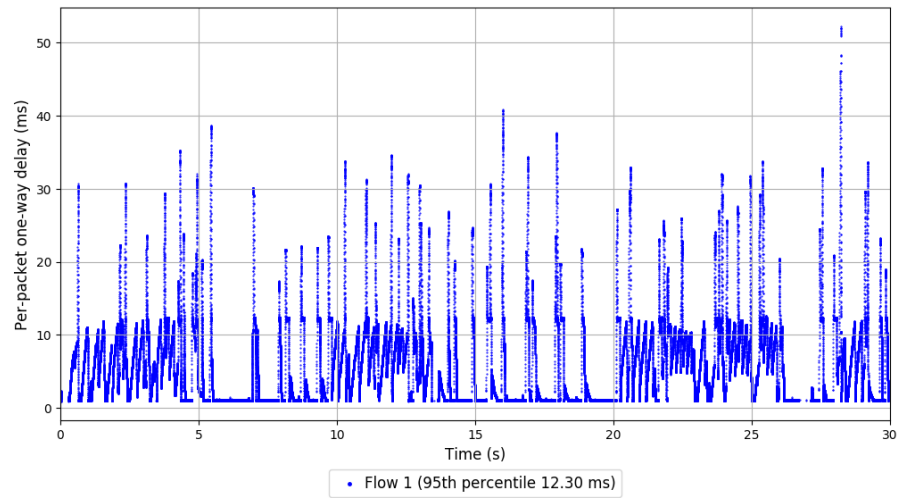
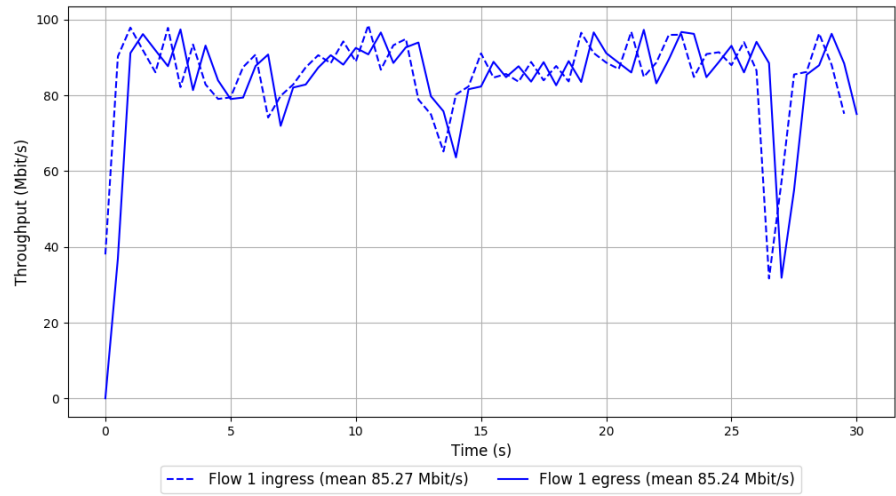


Run 2: Statistics of QUIC Cubic

Start at: 2018-05-25 01:57:15
End at: 2018-05-25 01:57:45
Local clock offset: -5.671 ms
Remote clock offset: -5.319 ms

Below is generated by plot.py at 2018-05-25 04:33:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.24 Mbit/s
95th percentile per-packet one-way delay: 12.305 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 85.24 Mbit/s
95th percentile per-packet one-way delay: 12.305 ms
Loss rate: 0.04%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-05-25 02:14:55

End at: 2018-05-25 02:15:25

Local clock offset: -5.714 ms

Remote clock offset: -4.906 ms

Below is generated by plot.py at 2018-05-25 04:33:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.62 Mbit/s

95th percentile per-packet one-way delay: 12.091 ms

Loss rate: 0.02%

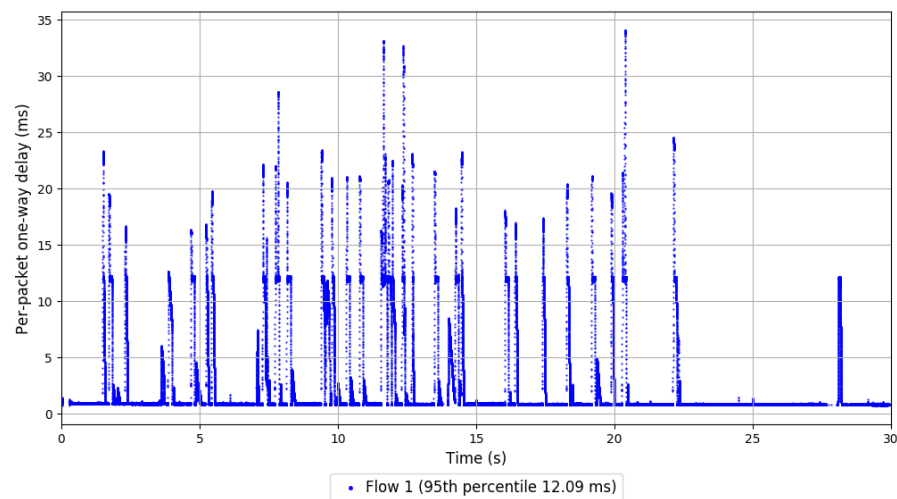
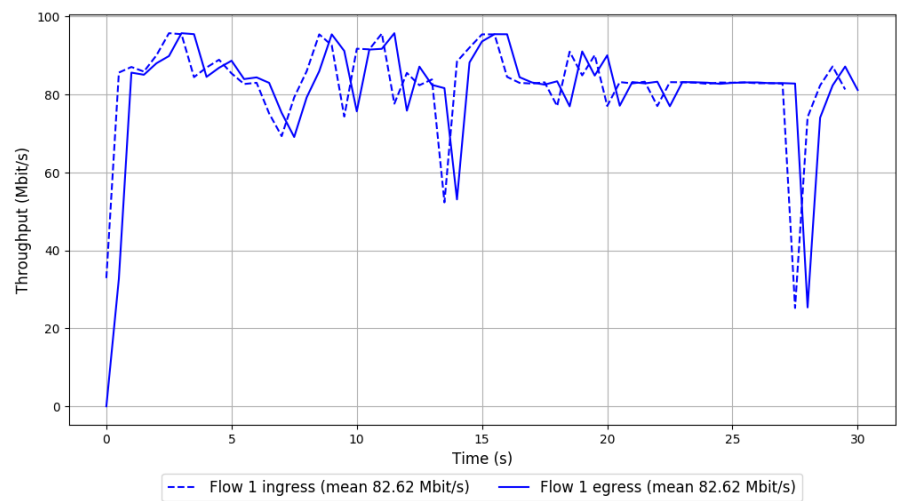
-- Flow 1:

Average throughput: 82.62 Mbit/s

95th percentile per-packet one-way delay: 12.091 ms

Loss rate: 0.02%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-05-25 02:32:38

End at: 2018-05-25 02:33:08

Local clock offset: -5.772 ms

Remote clock offset: -6.384 ms

Below is generated by plot.py at 2018-05-25 04:33:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.96 Mbit/s

95th percentile per-packet one-way delay: 10.654 ms

Loss rate: 0.09%

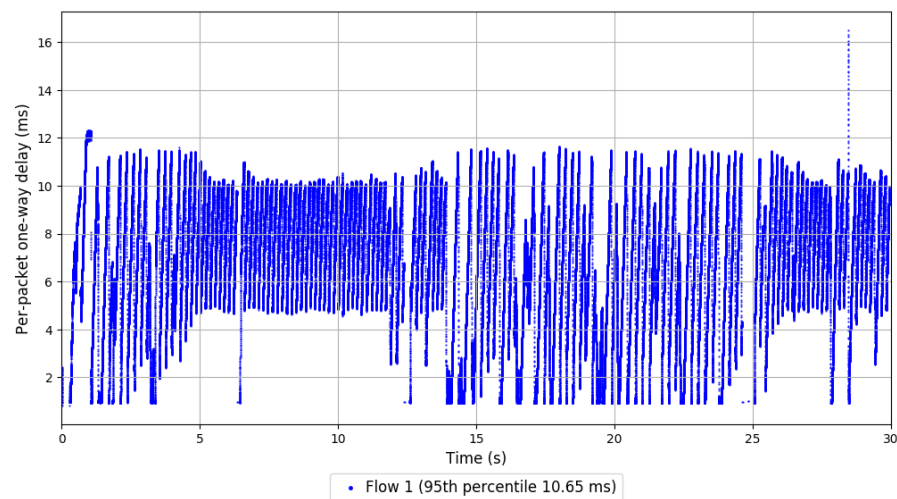
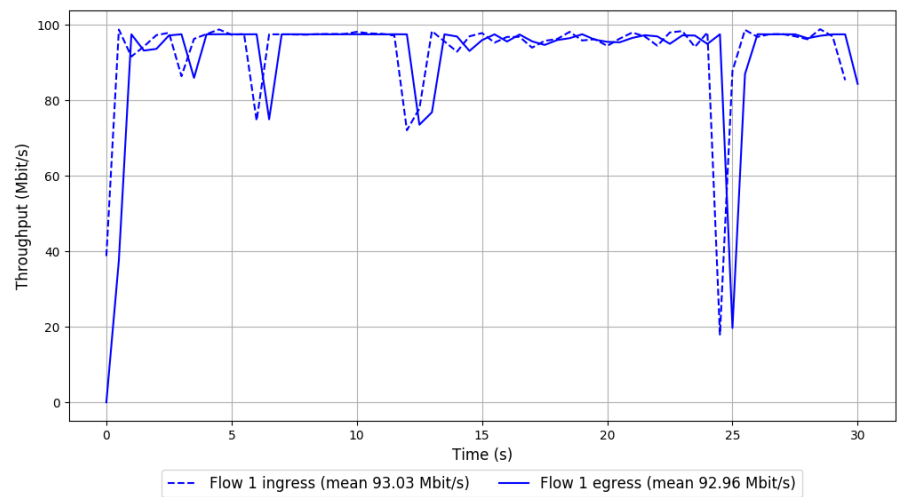
-- Flow 1:

Average throughput: 92.96 Mbit/s

95th percentile per-packet one-way delay: 10.654 ms

Loss rate: 0.09%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-05-25 02:50:15

End at: 2018-05-25 02:50:45

Local clock offset: -5.875 ms

Remote clock offset: -6.615 ms

Below is generated by plot.py at 2018-05-25 04:33:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 11.013 ms

Loss rate: 0.05%

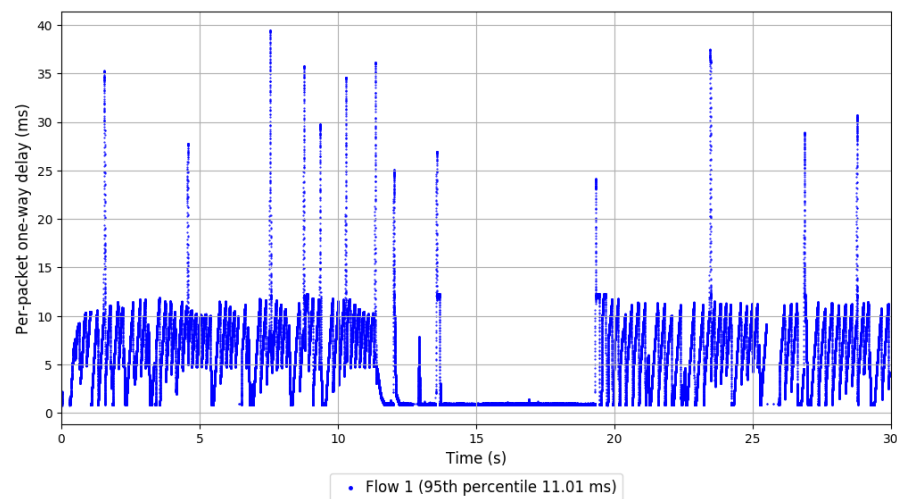
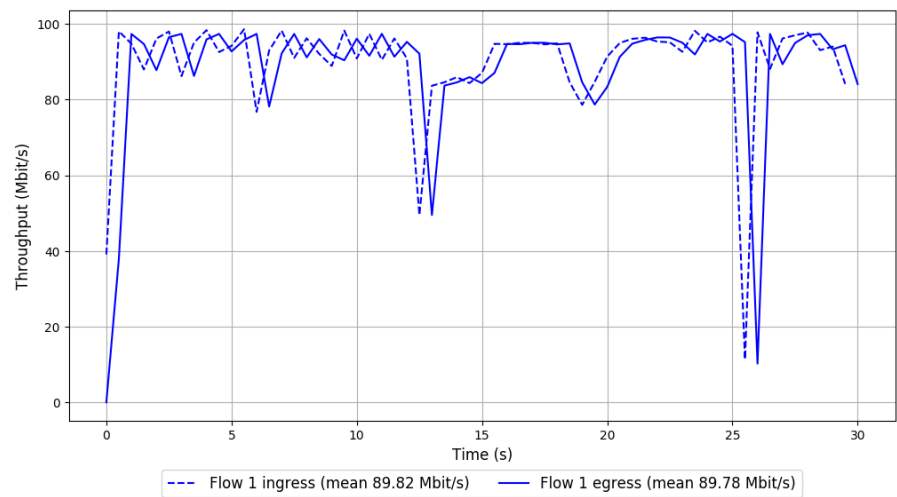
-- Flow 1:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 11.013 ms

Loss rate: 0.05%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-05-25 03:07:54

End at: 2018-05-25 03:08:24

Local clock offset: -5.872 ms

Remote clock offset: -6.688 ms

Below is generated by plot.py at 2018-05-25 04:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.85 Mbit/s

95th percentile per-packet one-way delay: 11.169 ms

Loss rate: 0.05%

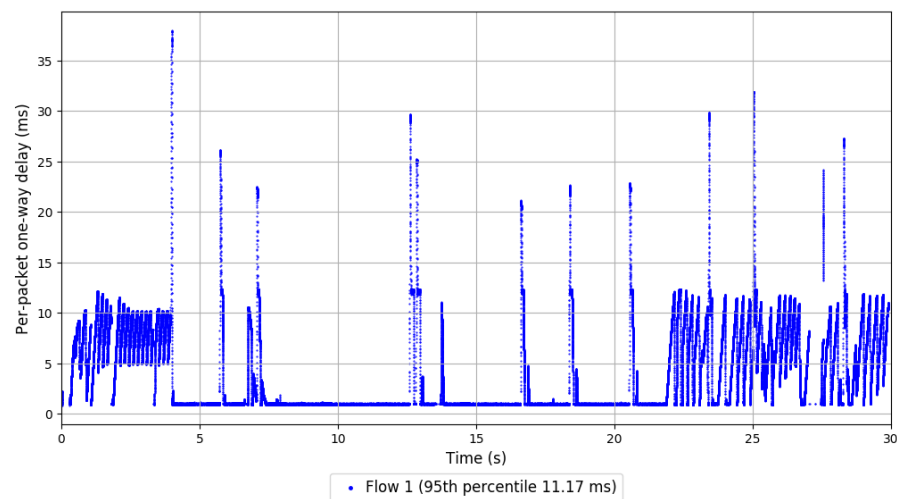
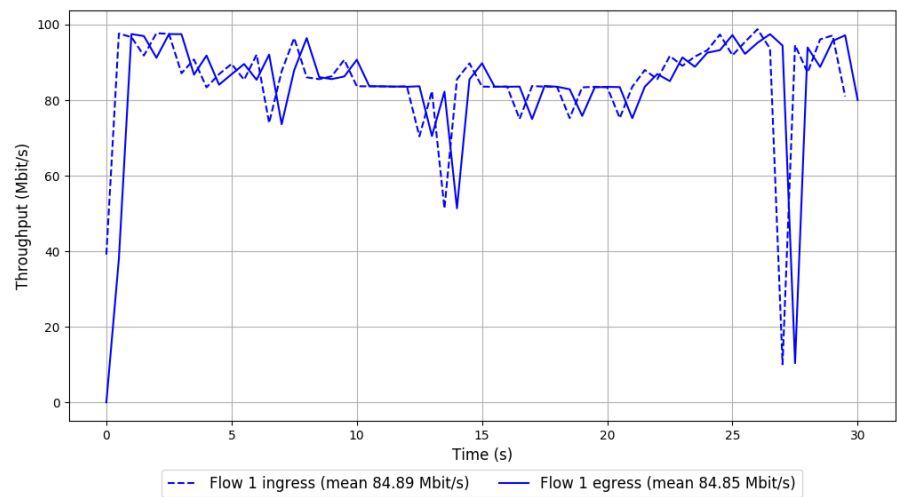
-- Flow 1:

Average throughput: 84.85 Mbit/s

95th percentile per-packet one-way delay: 11.169 ms

Loss rate: 0.05%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-05-25 03:25:32

End at: 2018-05-25 03:26:03

Local clock offset: -6.015 ms

Remote clock offset: -5.708 ms

Below is generated by plot.py at 2018-05-25 04:33:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 12.250 ms

Loss rate: 0.04%

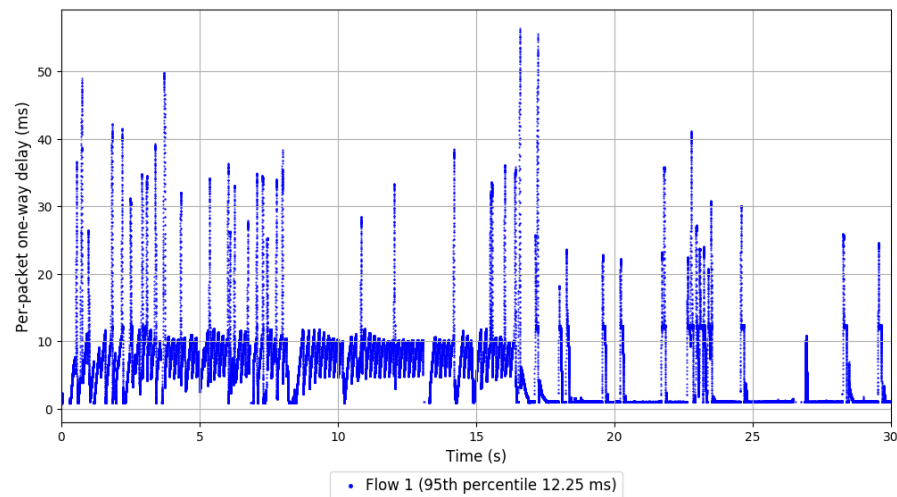
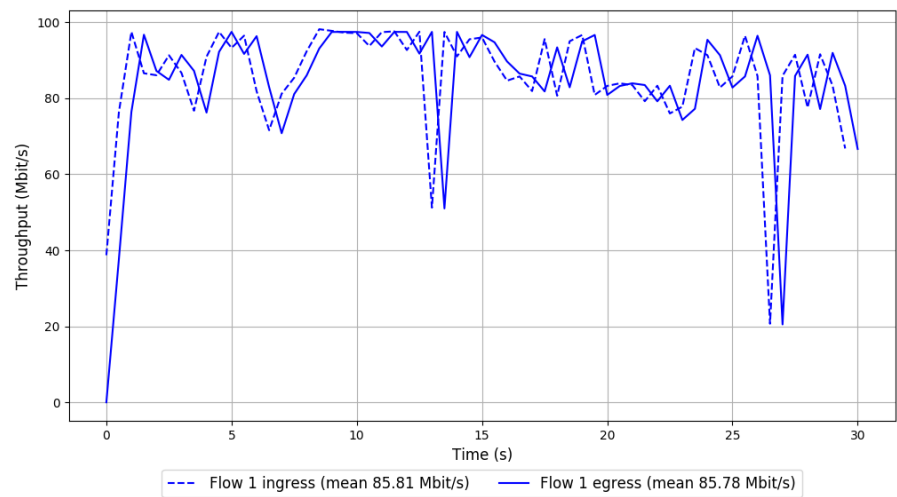
-- Flow 1:

Average throughput: 85.78 Mbit/s

95th percentile per-packet one-way delay: 12.250 ms

Loss rate: 0.04%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-05-25 03:43:03

End at: 2018-05-25 03:43:33

Local clock offset: -5.808 ms

Remote clock offset: -2.784 ms

Below is generated by plot.py at 2018-05-25 04:33:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.57 Mbit/s

95th percentile per-packet one-way delay: 11.603 ms

Loss rate: 0.04%

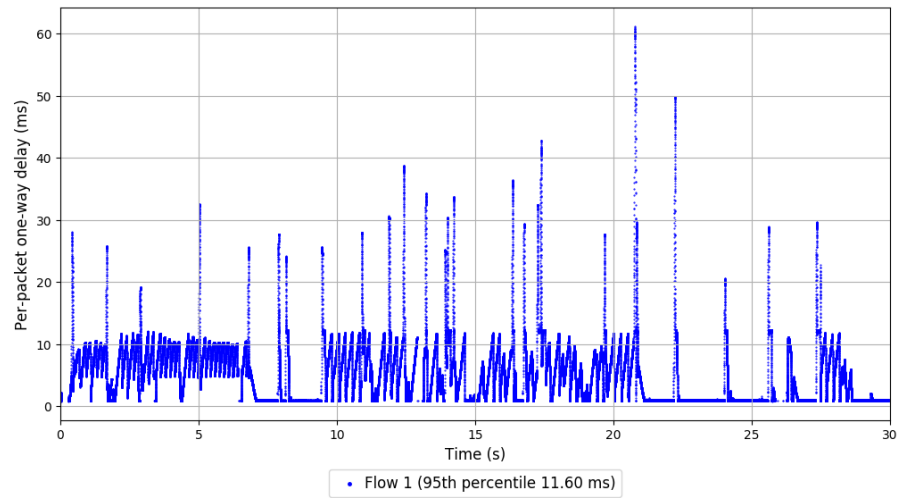
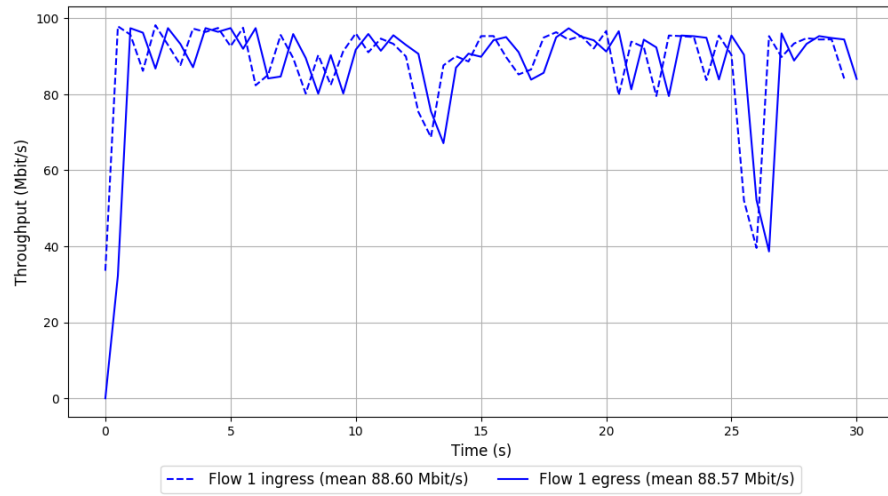
-- Flow 1:

Average throughput: 88.57 Mbit/s

95th percentile per-packet one-way delay: 11.603 ms

Loss rate: 0.04%

Run 8: Report of QUIC Cubic — Data Link

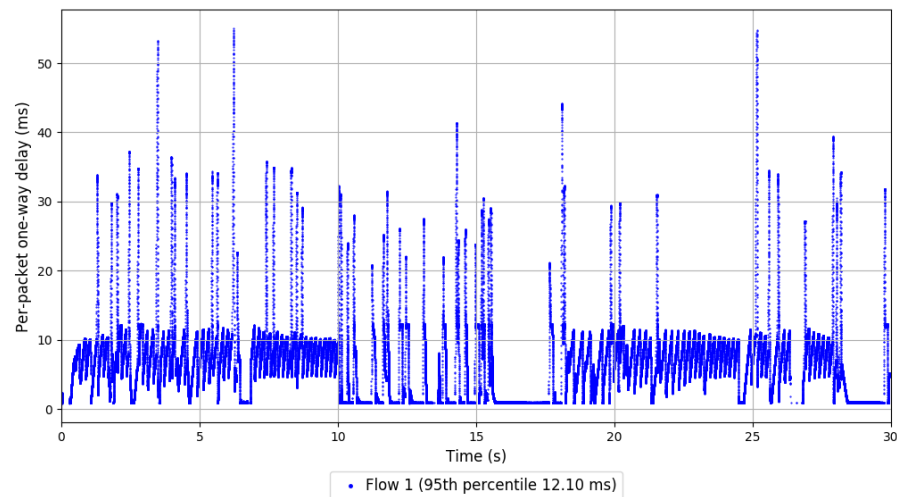
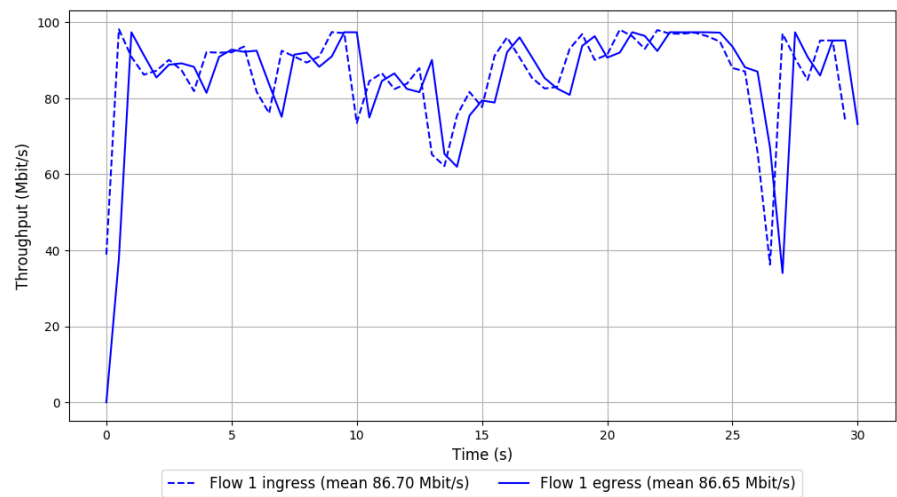


Run 9: Statistics of QUIC Cubic

Start at: 2018-05-25 04:00:41
End at: 2018-05-25 04:01:11
Local clock offset: -5.739 ms
Remote clock offset: -2.163 ms

Below is generated by plot.py at 2018-05-25 04:34:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 12.102 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 12.102 ms
Loss rate: 0.06%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-05-25 04:18:18

End at: 2018-05-25 04:18:48

Local clock offset: -5.706 ms

Remote clock offset: -2.358 ms

Below is generated by plot.py at 2018-05-25 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.75 Mbit/s

95th percentile per-packet one-way delay: 12.150 ms

Loss rate: 0.06%

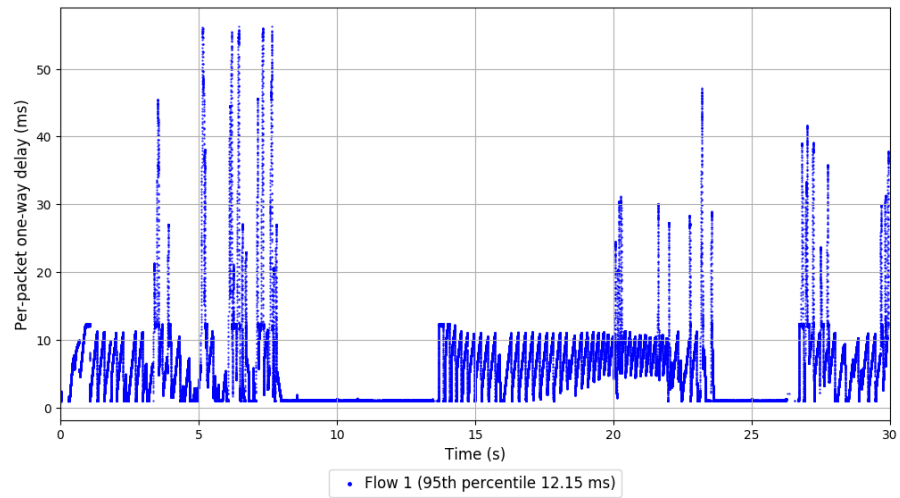
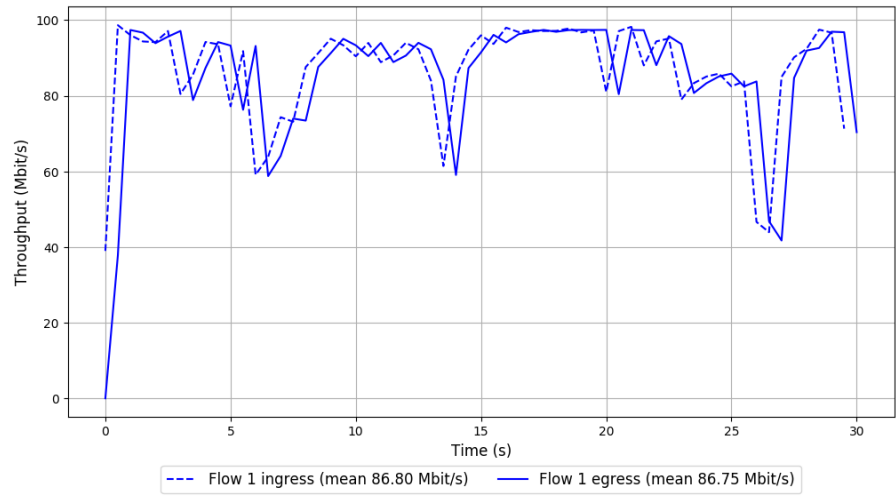
-- Flow 1:

Average throughput: 86.75 Mbit/s

95th percentile per-packet one-way delay: 12.150 ms

Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link

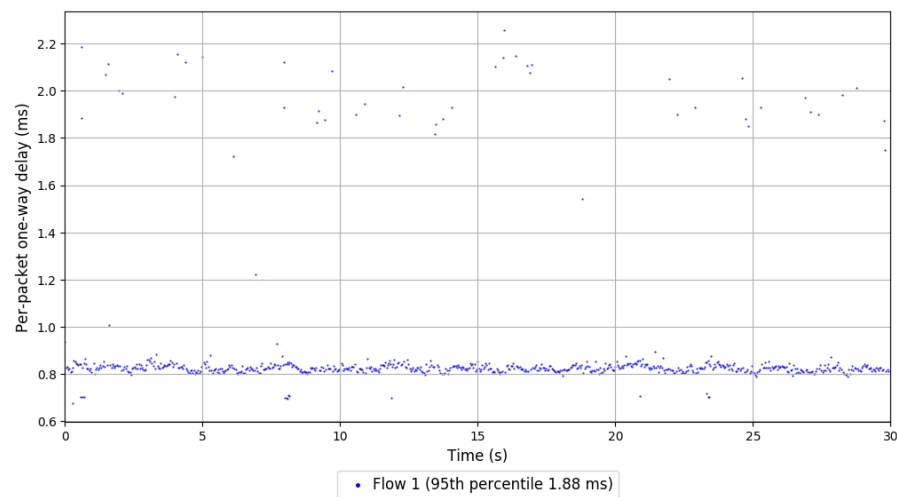
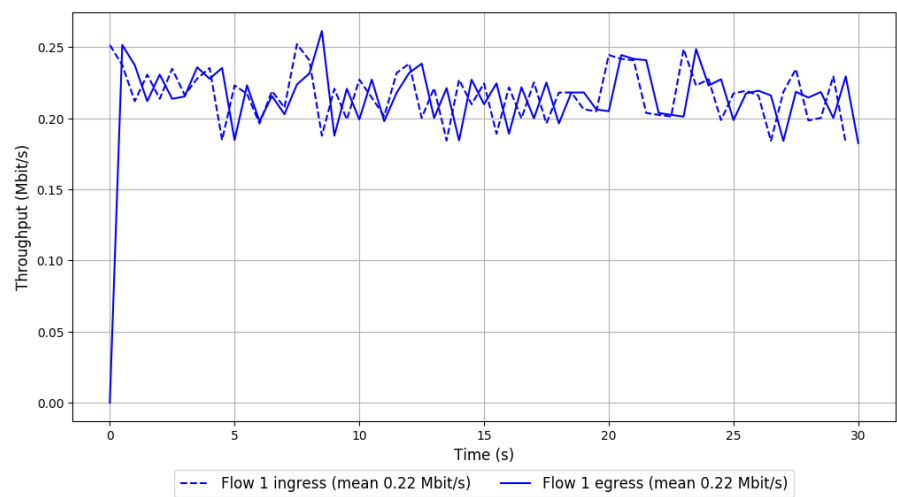


Run 1: Statistics of SCReAM

Start at: 2018-05-25 01:29:45
End at: 2018-05-25 01:30:15
Local clock offset: -5.903 ms
Remote clock offset: -6.124 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.878 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

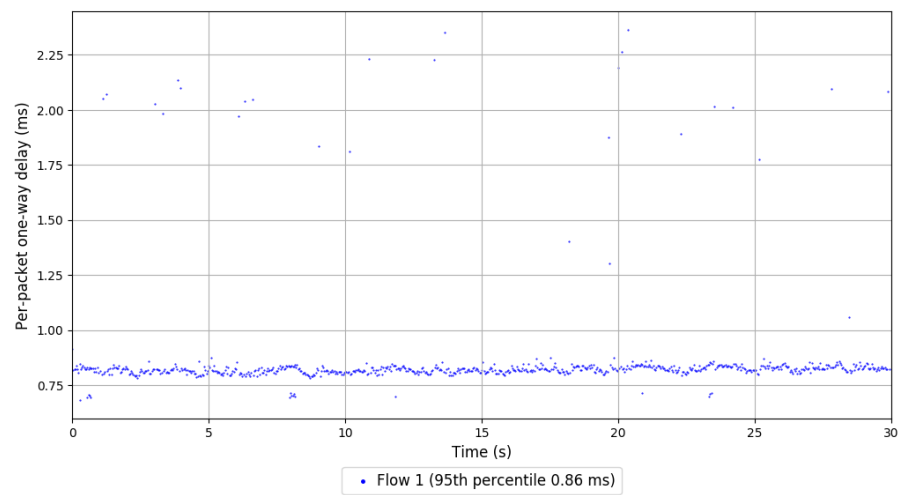
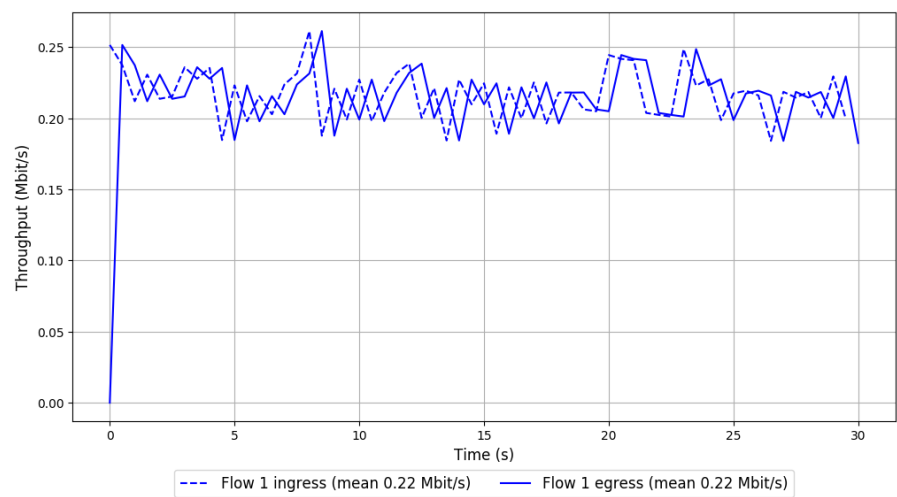


Run 2: Statistics of SCReAM

Start at: 2018-05-25 01:47:22
End at: 2018-05-25 01:47:52
Local clock offset: -5.778 ms
Remote clock offset: -5.588 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-05-25 02:04:58

End at: 2018-05-25 02:05:28

Local clock offset: -5.766 ms

Remote clock offset: -4.99 ms

Below is generated by plot.py at 2018-05-25 04:34:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.970 ms

Loss rate: 0.13%

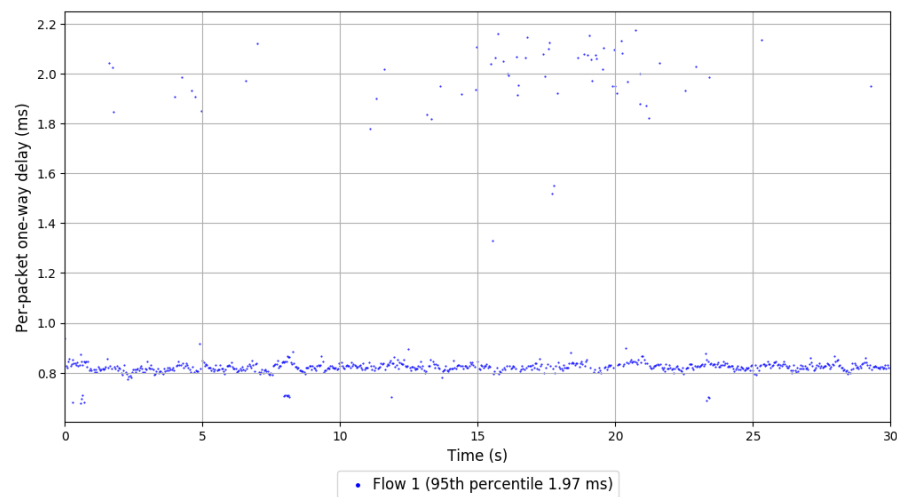
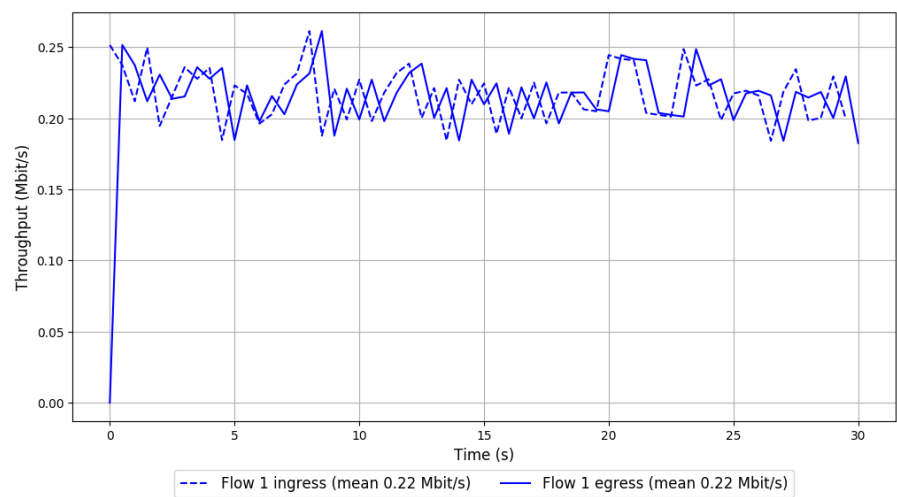
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.970 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

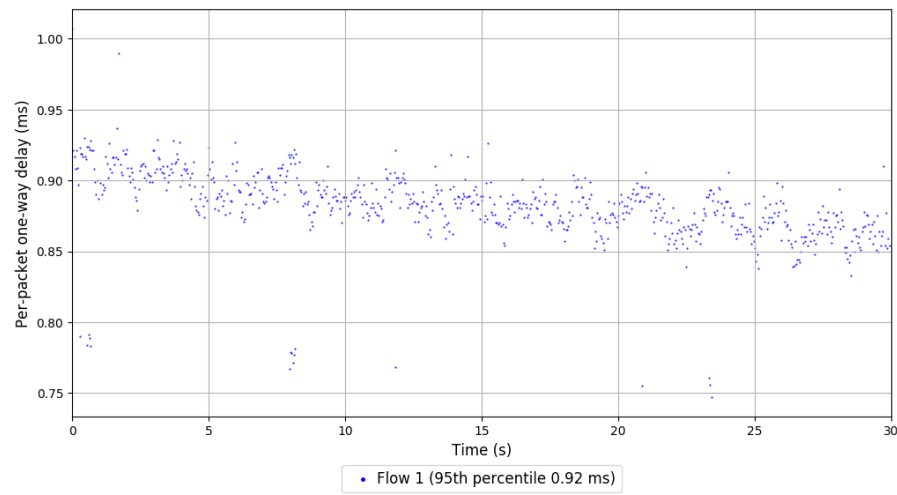
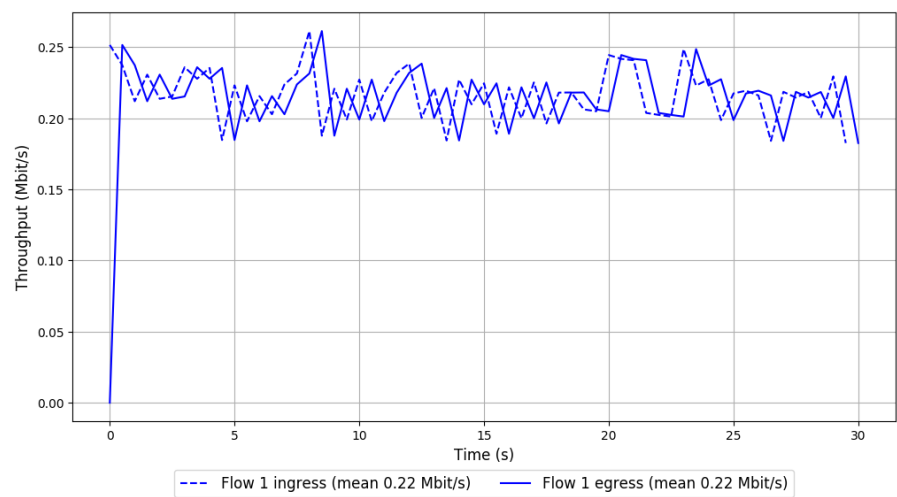


Run 4: Statistics of SCReAM

Start at: 2018-05-25 02:22:40
End at: 2018-05-25 02:23:10
Local clock offset: -5.766 ms
Remote clock offset: -5.925 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.917 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

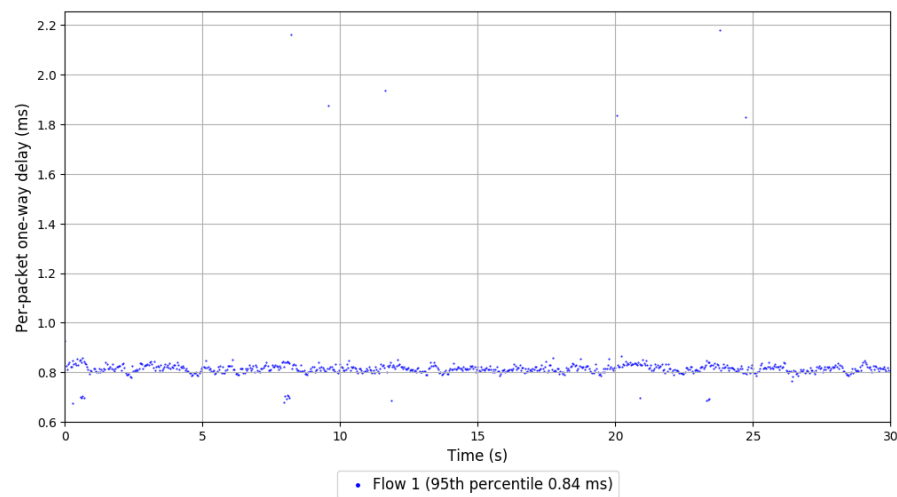
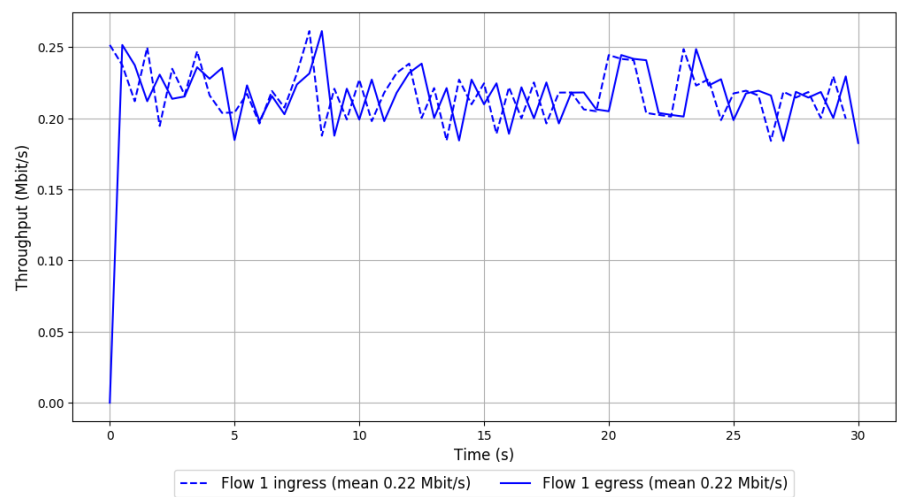


Run 5: Statistics of SCReAM

Start at: 2018-05-25 02:40:23
End at: 2018-05-25 02:40:53
Local clock offset: -5.907 ms
Remote clock offset: -6.484 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.841 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.841 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

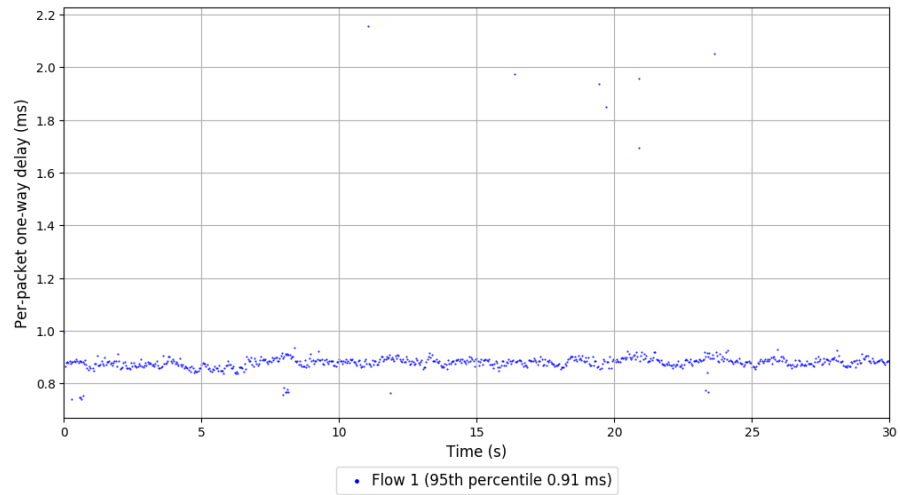
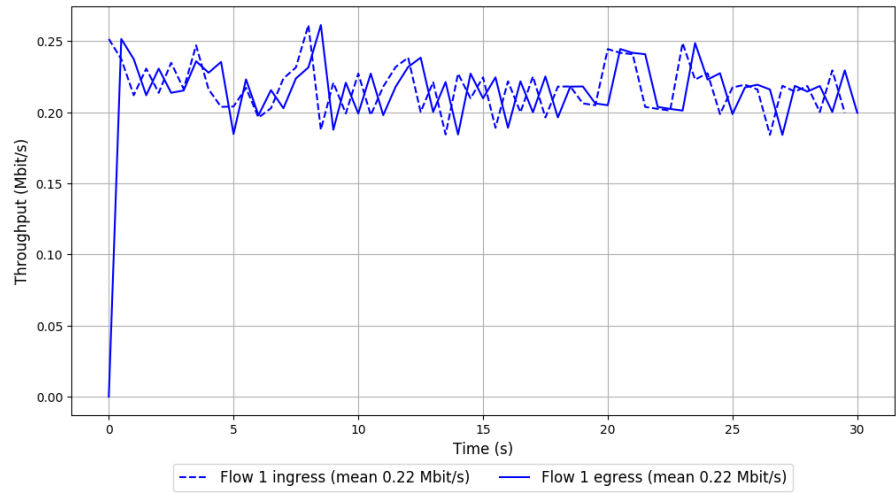


Run 6: Statistics of SCReAM

Start at: 2018-05-25 02:58:00
End at: 2018-05-25 02:58:30
Local clock offset: -5.955 ms
Remote clock offset: -6.695 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.908 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

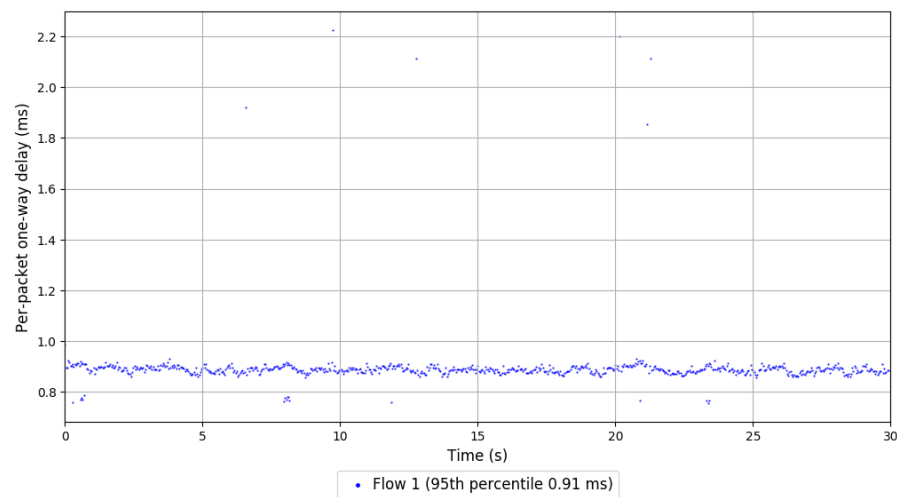
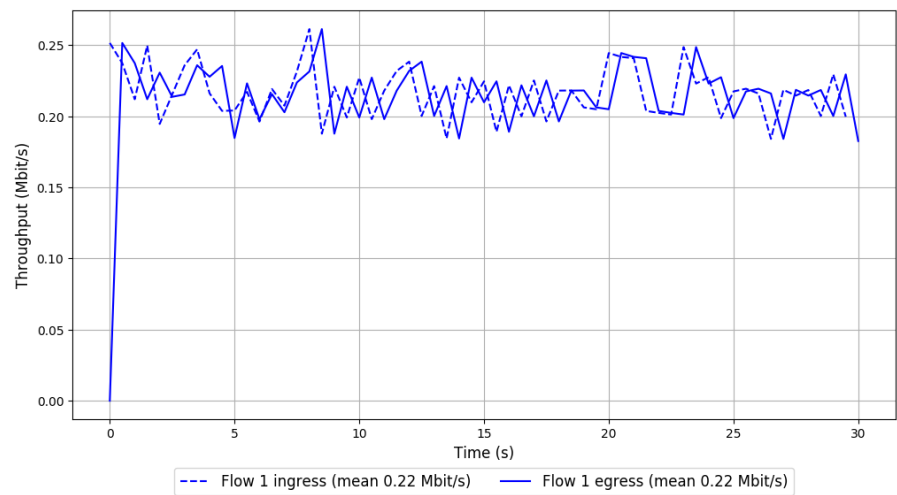


Run 7: Statistics of SCReAM

Start at: 2018-05-25 03:15:38
End at: 2018-05-25 03:16:08
Local clock offset: -5.903 ms
Remote clock offset: -6.647 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.912 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.912 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link

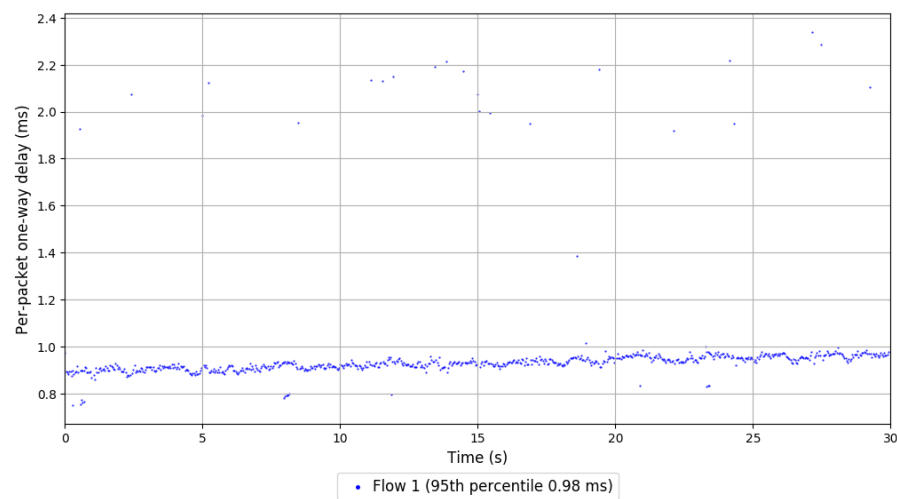
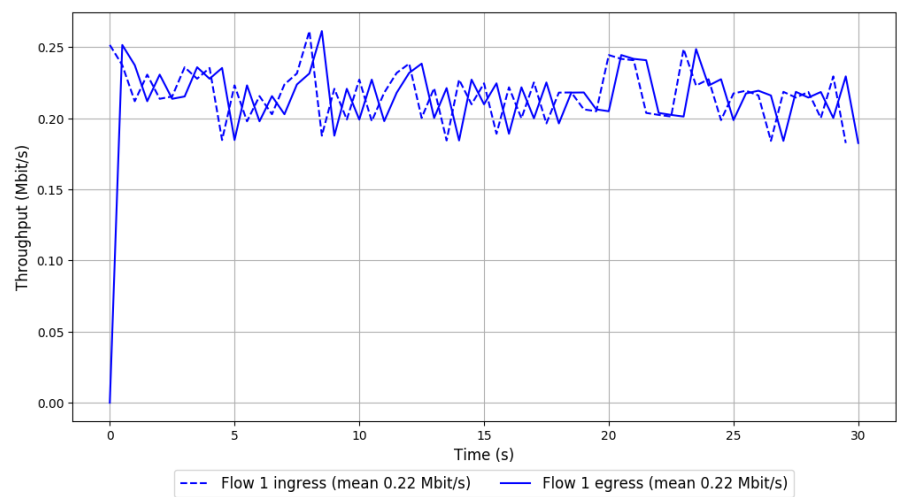


Run 8: Statistics of SCReAM

Start at: 2018-05-25 03:33:17
End at: 2018-05-25 03:33:47
Local clock offset: -5.844 ms
Remote clock offset: -3.868 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

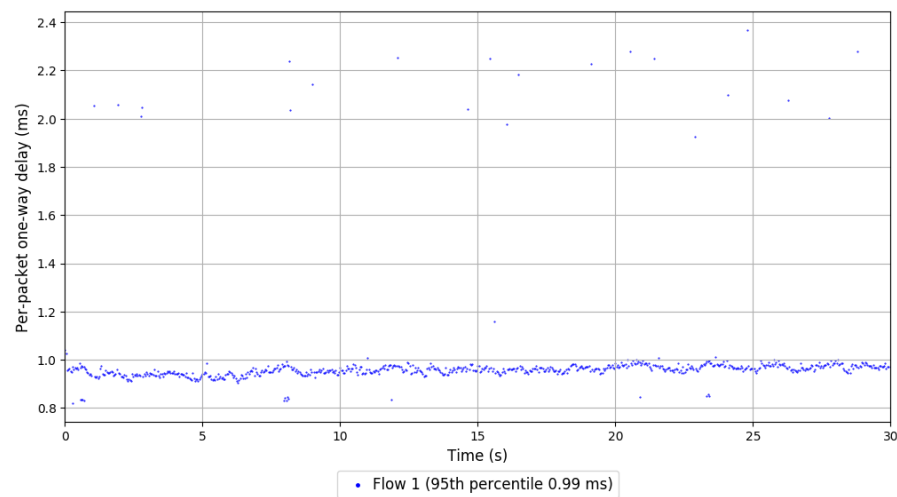
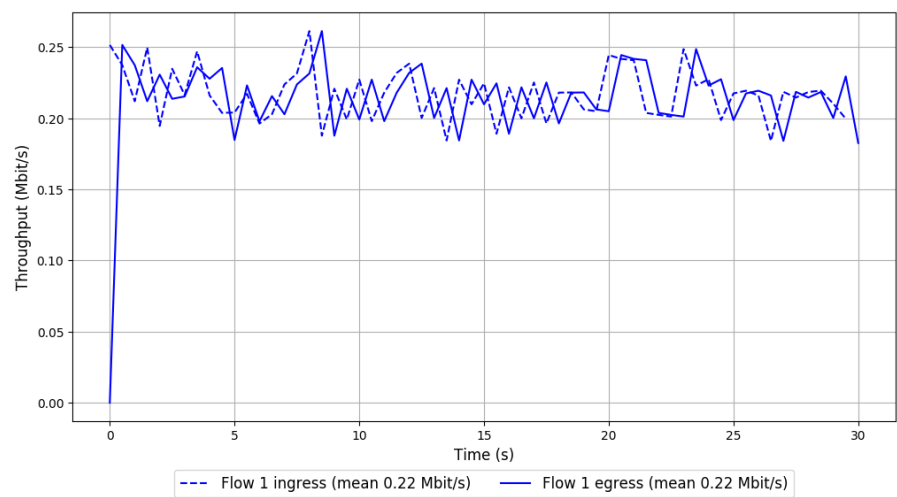


Run 9: Statistics of SCReAM

Start at: 2018-05-25 03:50:48
End at: 2018-05-25 03:51:18
Local clock offset: -5.816 ms
Remote clock offset: -2.267 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

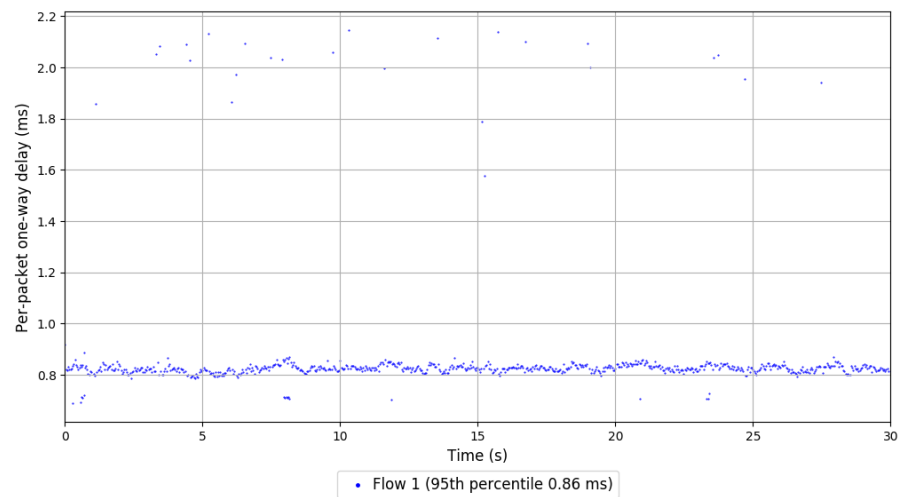
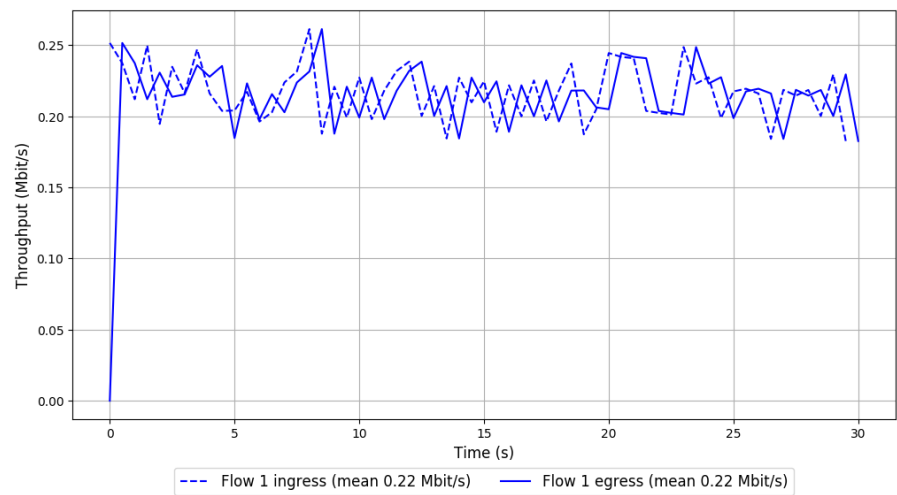


Run 10: Statistics of SCReAM

Start at: 2018-05-25 04:08:25
End at: 2018-05-25 04:08:55
Local clock offset: -5.817 ms
Remote clock offset: -2.389 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

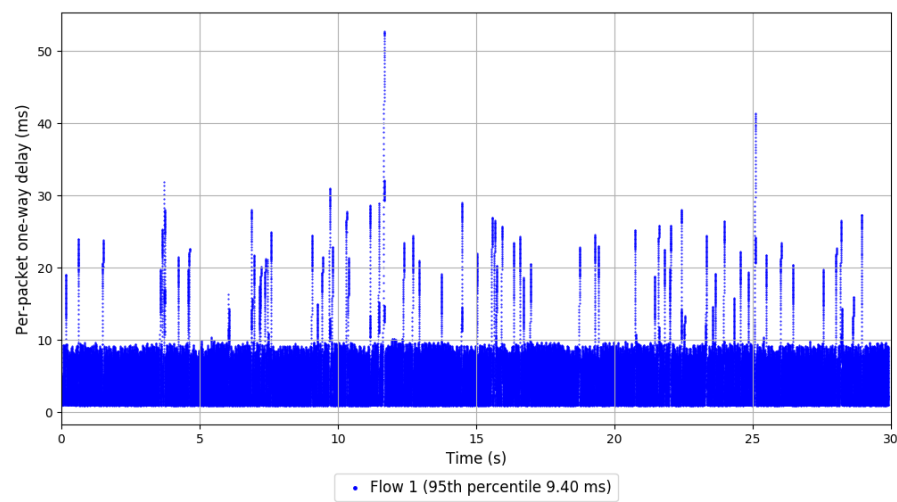
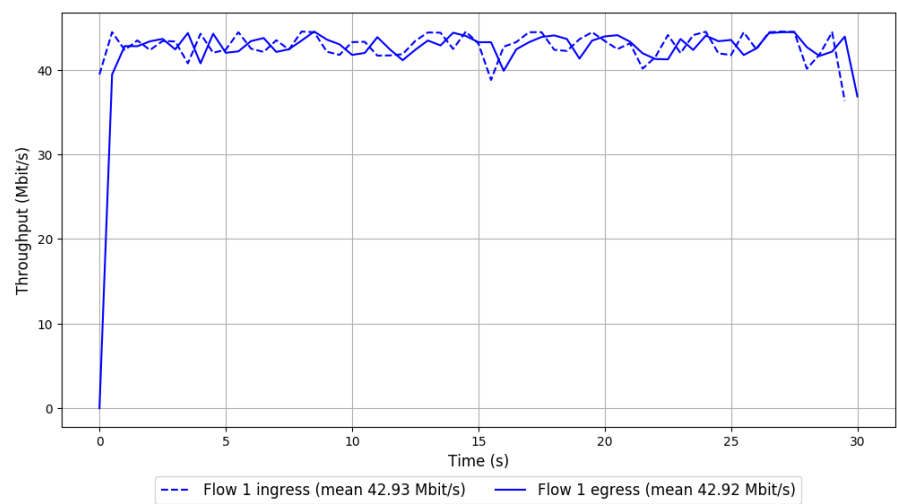


Run 1: Statistics of Sprout

Start at: 2018-05-25 01:38:32
End at: 2018-05-25 01:39:02
Local clock offset: -5.731 ms
Remote clock offset: -6.054 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 9.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 9.397 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

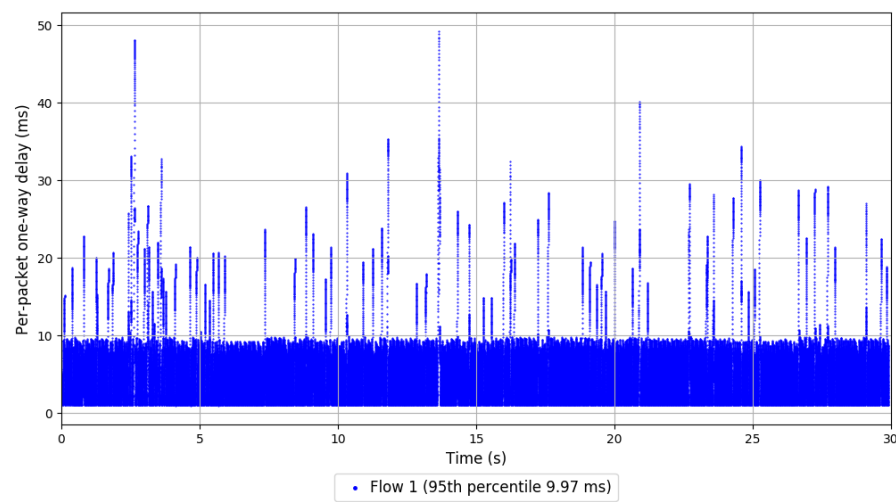
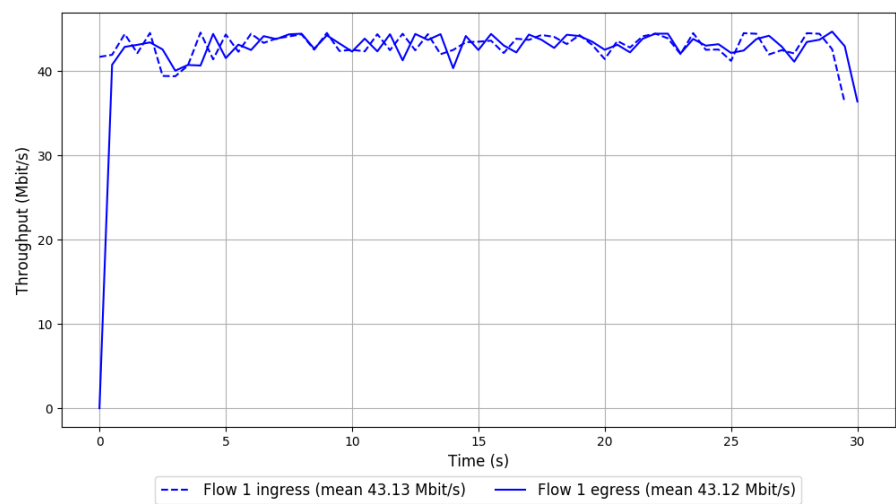


Run 2: Statistics of Sprout

Start at: 2018-05-25 01:56:09
End at: 2018-05-25 01:56:39
Local clock offset: -5.661 ms
Remote clock offset: -5.359 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 9.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 9.971 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

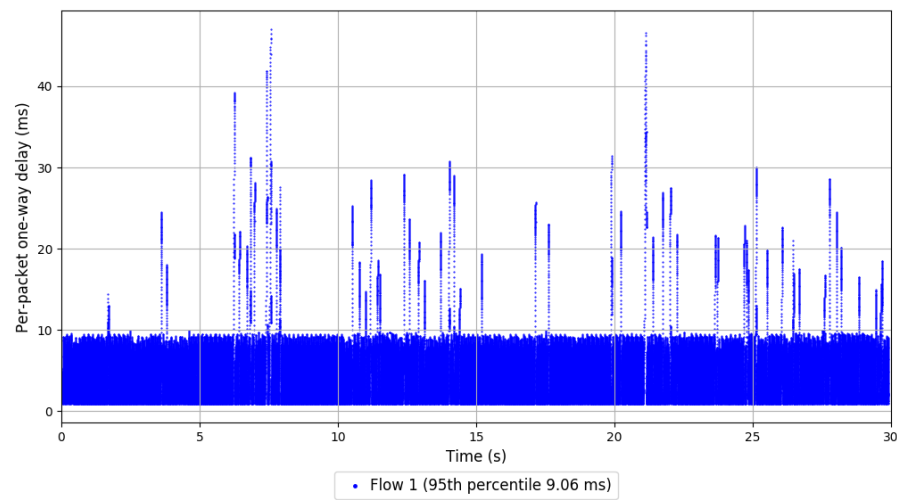
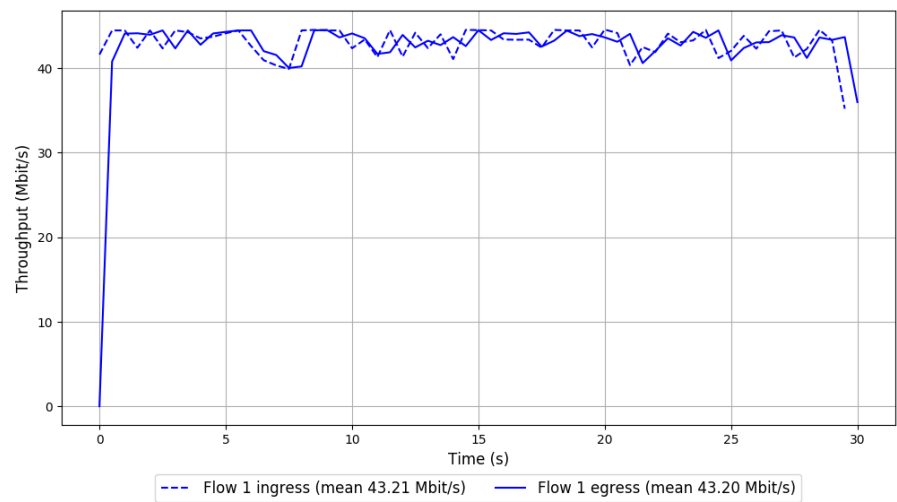


Run 3: Statistics of Sprout

Start at: 2018-05-25 02:13:50
End at: 2018-05-25 02:14:20
Local clock offset: -5.705 ms
Remote clock offset: -4.824 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: 9.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: 9.062 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

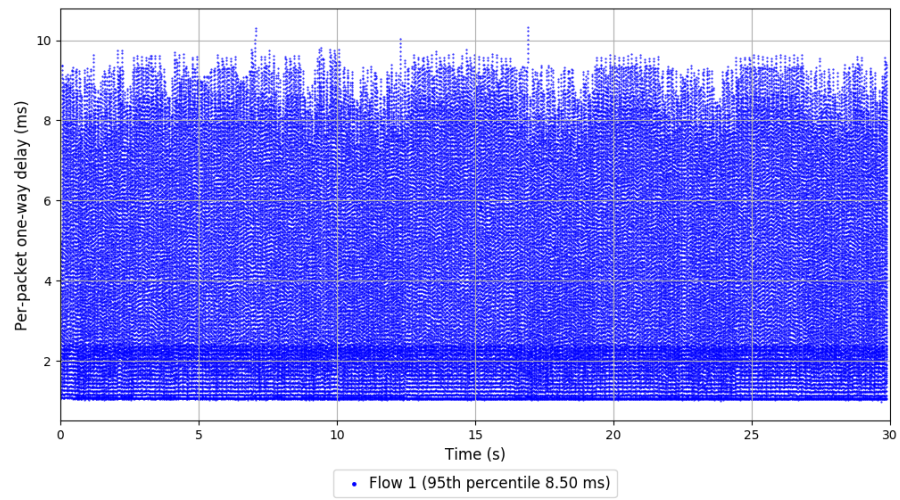
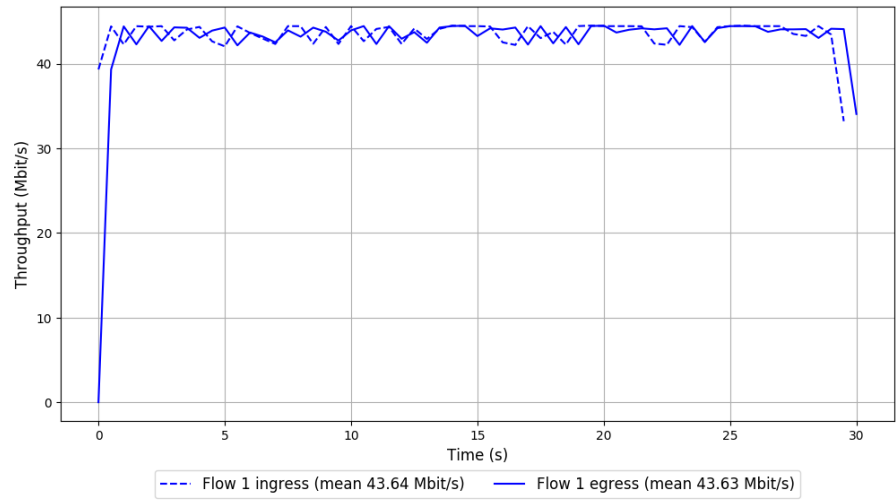


Run 4: Statistics of Sprout

Start at: 2018-05-25 02:31:32
End at: 2018-05-25 02:32:02
Local clock offset: -5.754 ms
Remote clock offset: -6.432 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 8.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 8.502 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

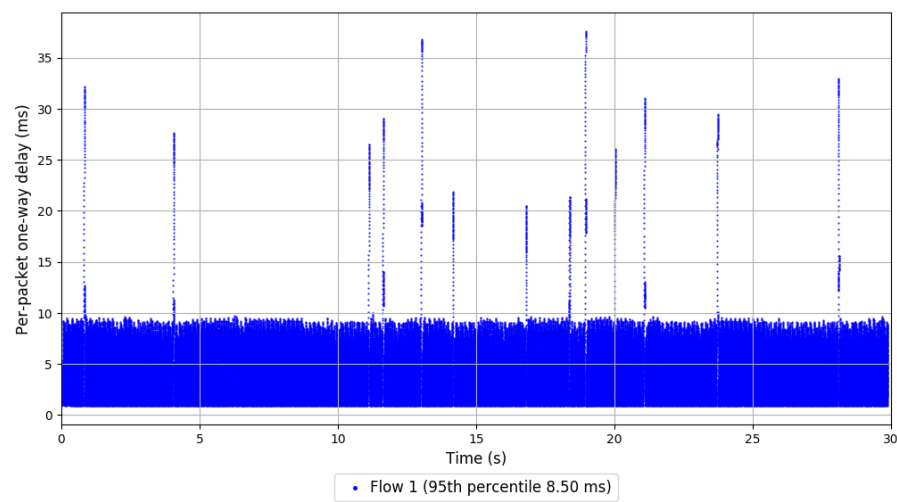
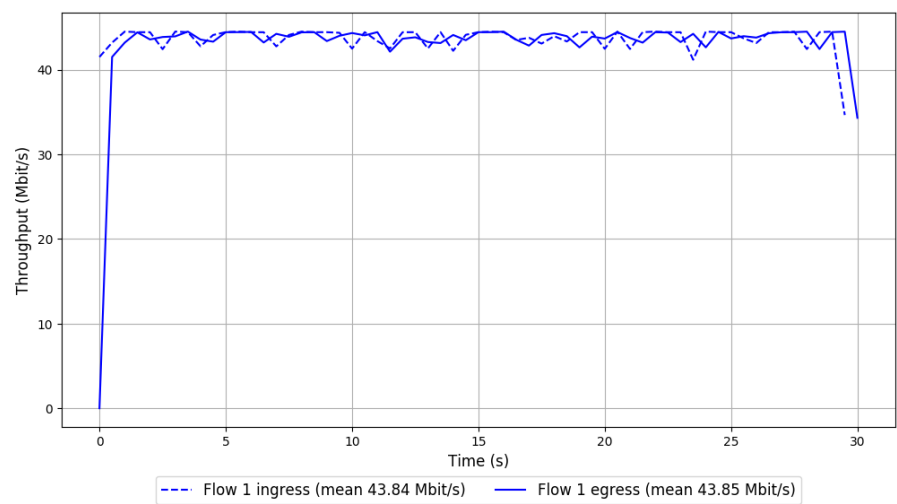


Run 5: Statistics of Sprout

Start at: 2018-05-25 02:49:10
End at: 2018-05-25 02:49:40
Local clock offset: -5.819 ms
Remote clock offset: -6.566 ms

Below is generated by plot.py at 2018-05-25 04:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 8.496 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 8.496 ms
Loss rate: 0.01%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-05-25 03:06:48

End at: 2018-05-25 03:07:18

Local clock offset: -5.985 ms

Remote clock offset: -6.63 ms

Below is generated by plot.py at 2018-05-25 04:34:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.89 Mbit/s

95th percentile per-packet one-way delay: 8.460 ms

Loss rate: 0.06%

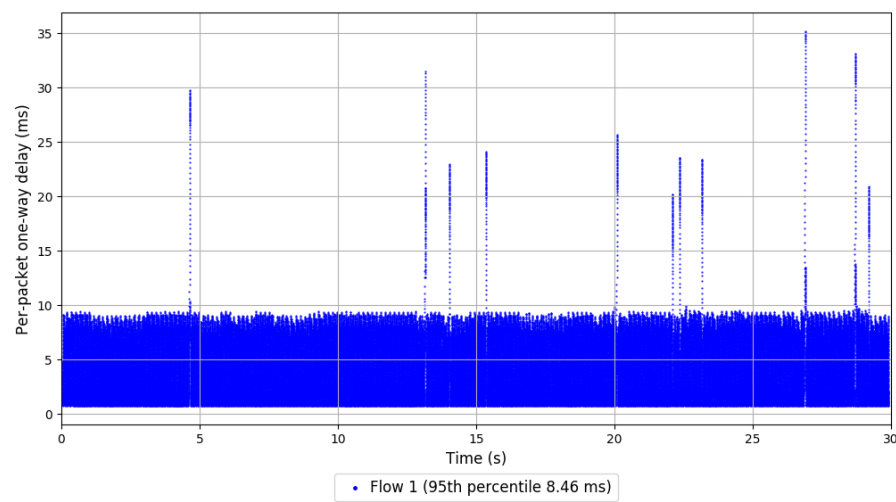
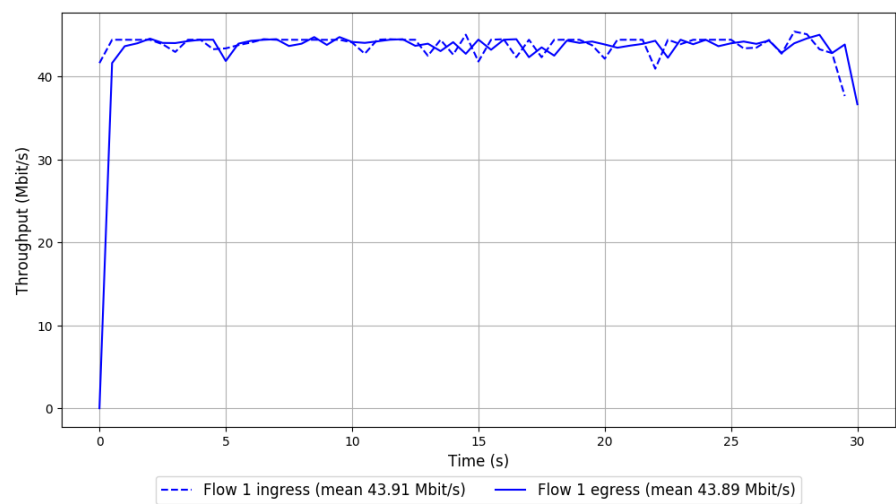
-- Flow 1:

Average throughput: 43.89 Mbit/s

95th percentile per-packet one-way delay: 8.460 ms

Loss rate: 0.06%

Run 6: Report of Sprout — Data Link

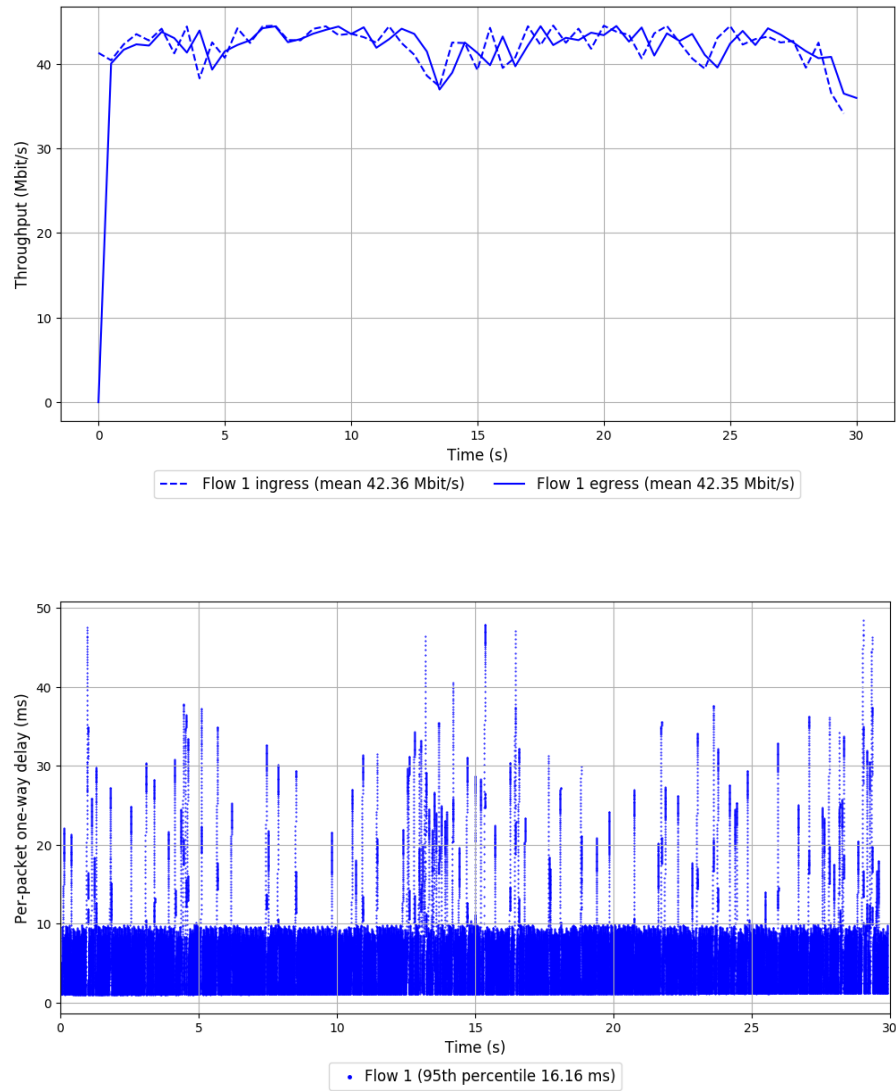


Run 7: Statistics of Sprout

Start at: 2018-05-25 03:24:27
End at: 2018-05-25 03:24:57
Local clock offset: -5.936 ms
Remote clock offset: -6.099 ms

Below is generated by plot.py at 2018-05-25 04:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.35 Mbit/s
95th percentile per-packet one-way delay: 16.161 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.35 Mbit/s
95th percentile per-packet one-way delay: 16.161 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

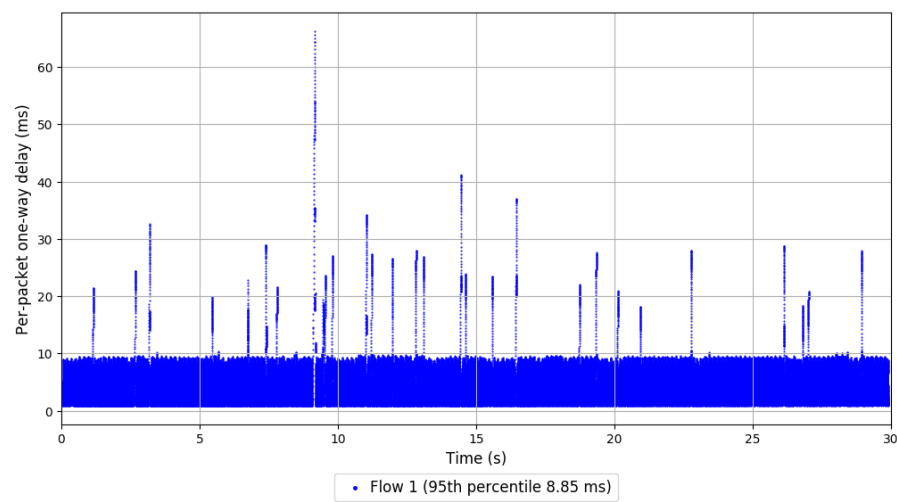
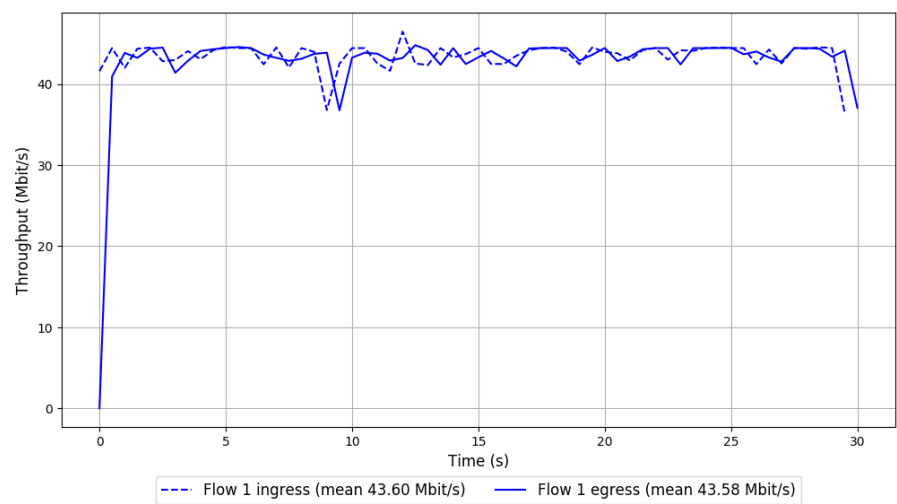


Run 8: Statistics of Sprout

Start at: 2018-05-25 03:41:58
End at: 2018-05-25 03:42:28
Local clock offset: -5.811 ms
Remote clock offset: -2.887 ms

Below is generated by plot.py at 2018-05-25 04:34:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.58 Mbit/s
95th percentile per-packet one-way delay: 8.848 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 43.58 Mbit/s
95th percentile per-packet one-way delay: 8.848 ms
Loss rate: 0.03%

Run 8: Report of Sprout — Data Link

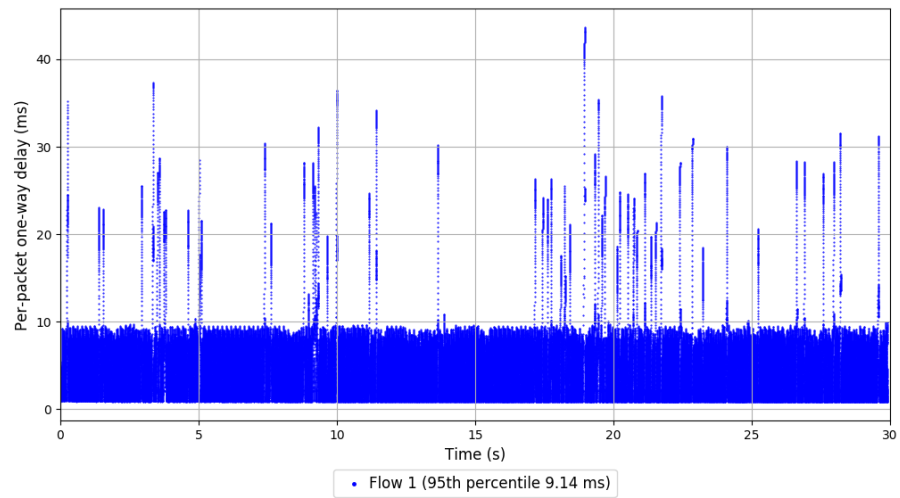
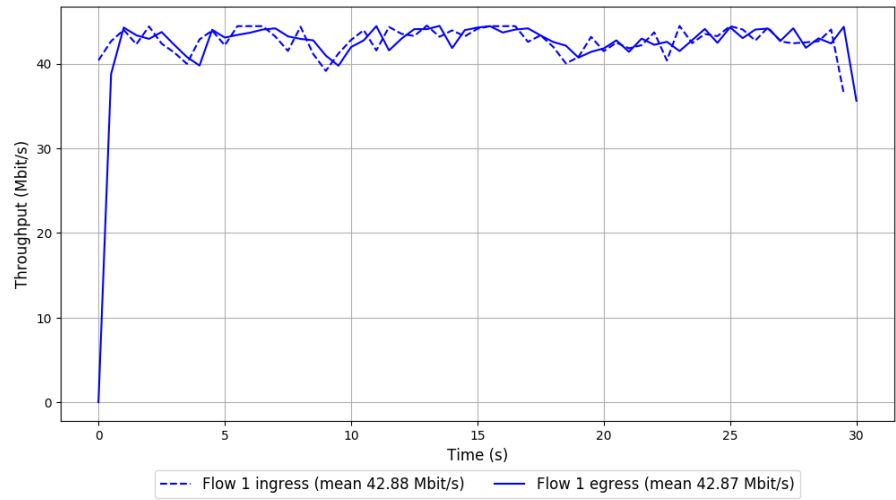


Run 9: Statistics of Sprout

Start at: 2018-05-25 03:59:35
End at: 2018-05-25 04:00:05
Local clock offset: -5.752 ms
Remote clock offset: -2.091 ms

Below is generated by plot.py at 2018-05-25 04:34:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 9.144 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 9.144 ms
Loss rate: 0.03%

Run 9: Report of Sprout — Data Link

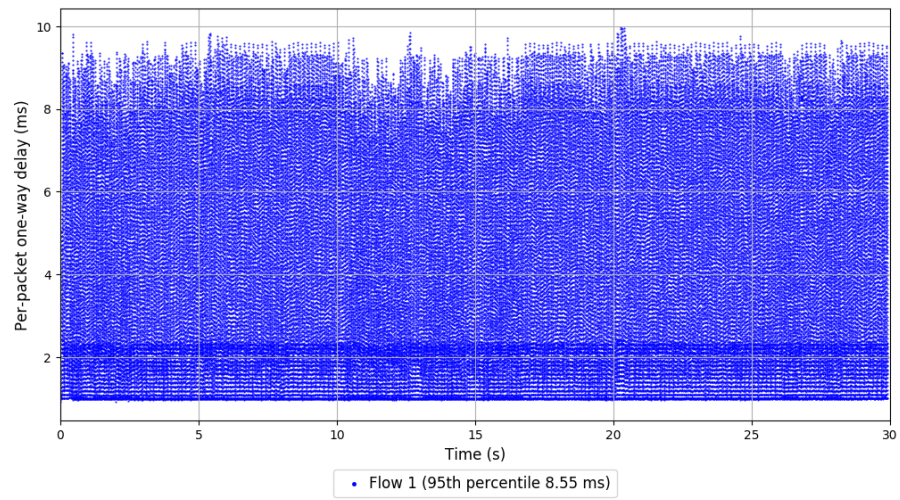
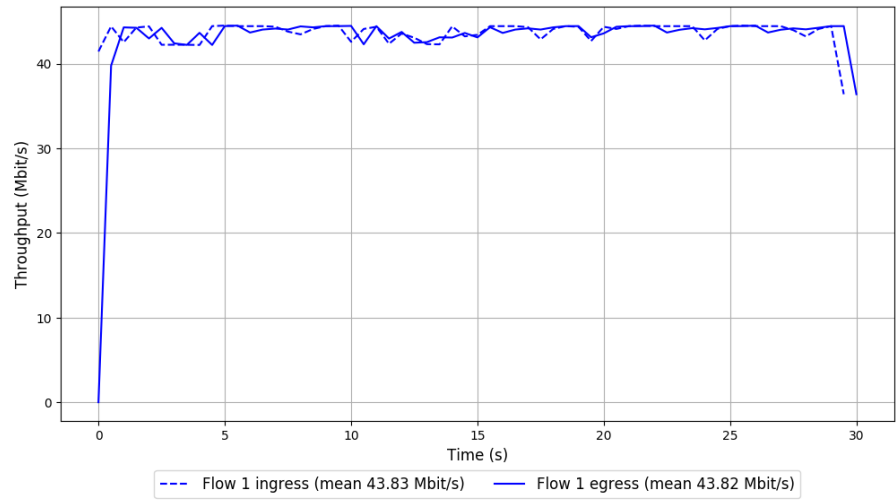


Run 10: Statistics of Sprout

Start at: 2018-05-25 04:17:12
End at: 2018-05-25 04:17:42
Local clock offset: -5.661 ms
Remote clock offset: -2.318 ms

Below is generated by plot.py at 2018-05-25 04:34:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 8.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 8.549 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

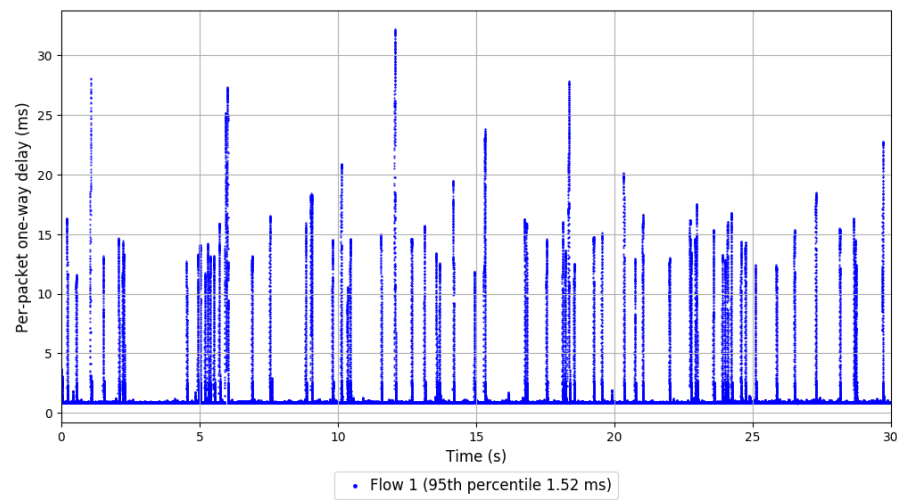
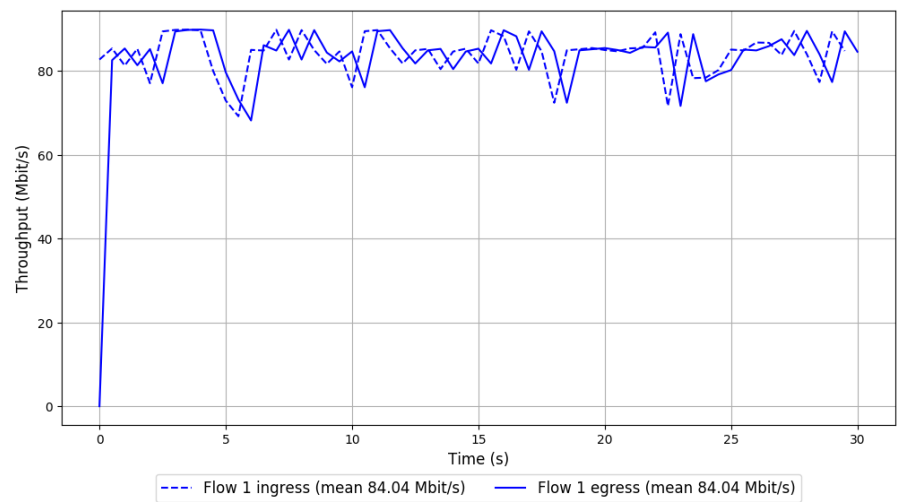


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-05-25 01:34:10
End at: 2018-05-25 01:34:40
Local clock offset: -5.817 ms
Remote clock offset: -6.089 ms

# Below is generated by plot.py at 2018-05-25 04:35:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.04 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.04 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.01%
```

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

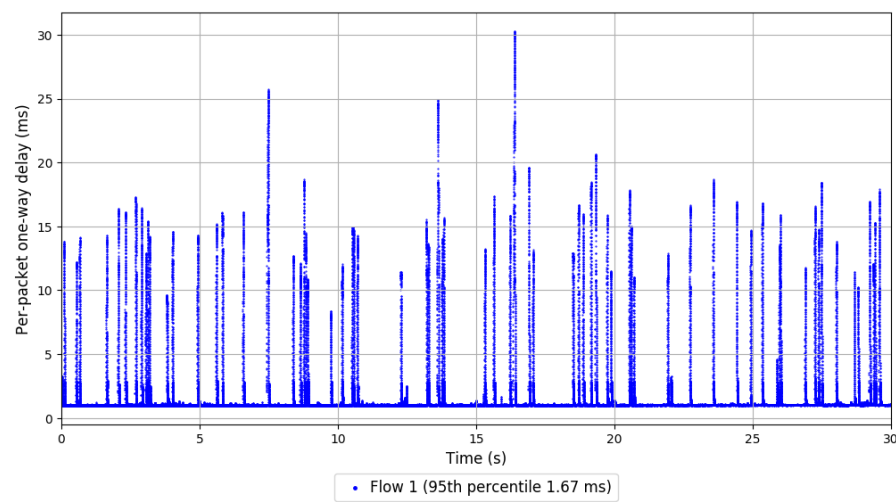
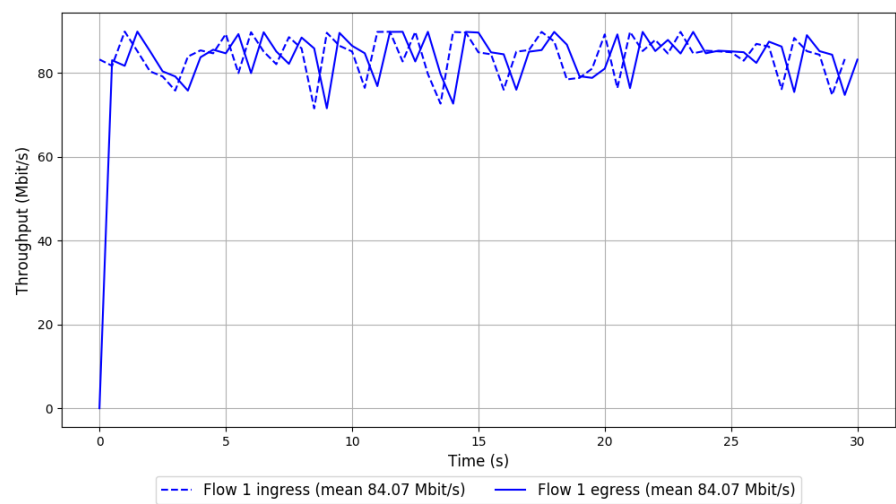


Run 2: Statistics of TaoVA-100x

Start at: 2018-05-25 01:51:46
End at: 2018-05-25 01:52:16
Local clock offset: -5.727 ms
Remote clock offset: -5.551 ms

Below is generated by plot.py at 2018-05-25 04:36:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 1.668 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 1.668 ms
Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-05-25 02:09:27

End at: 2018-05-25 02:09:57

Local clock offset: -5.768 ms

Remote clock offset: -4.99 ms

Below is generated by plot.py at 2018-05-25 04:36:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.68 Mbit/s

95th percentile per-packet one-way delay: 0.992 ms

Loss rate: 0.01%

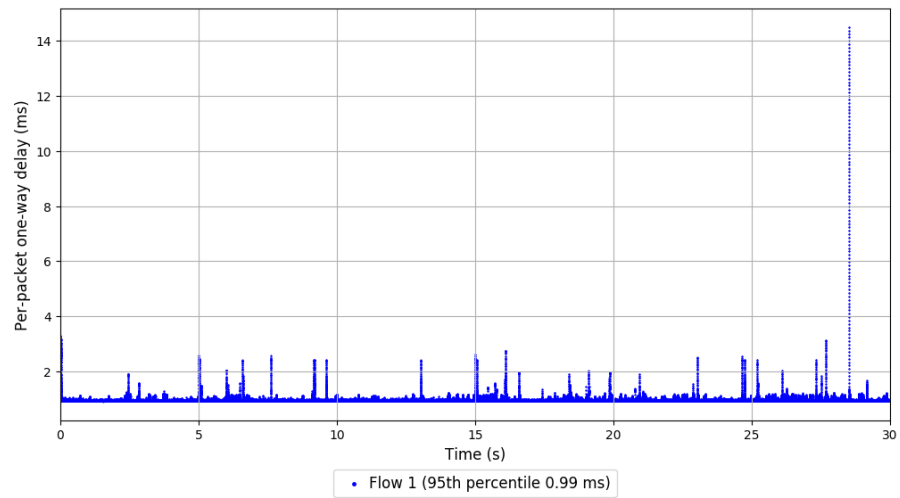
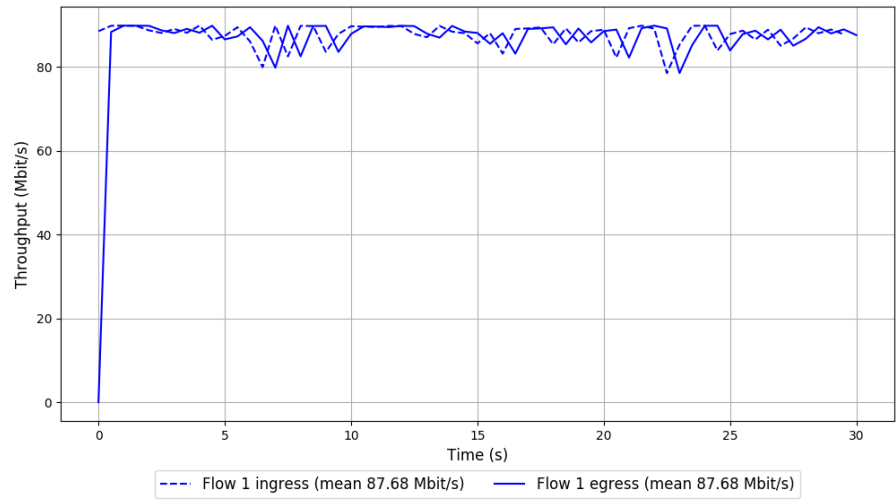
-- Flow 1:

Average throughput: 87.68 Mbit/s

95th percentile per-packet one-way delay: 0.992 ms

Loss rate: 0.01%

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

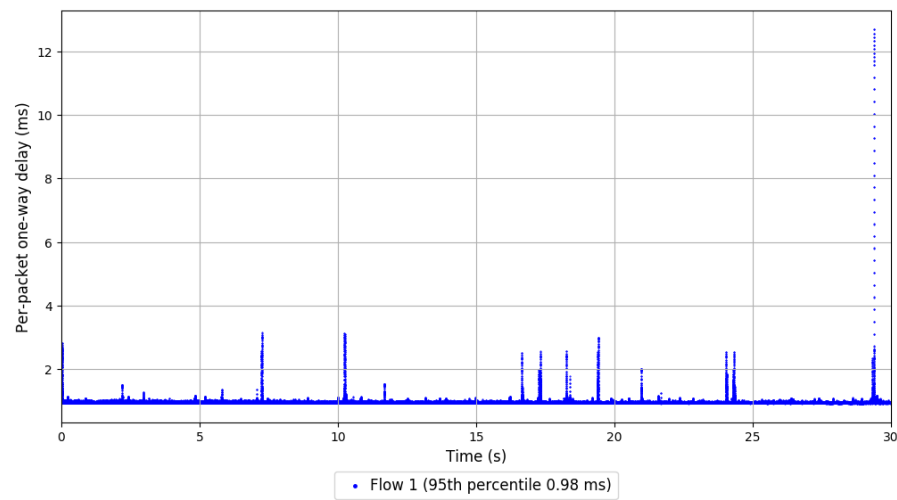
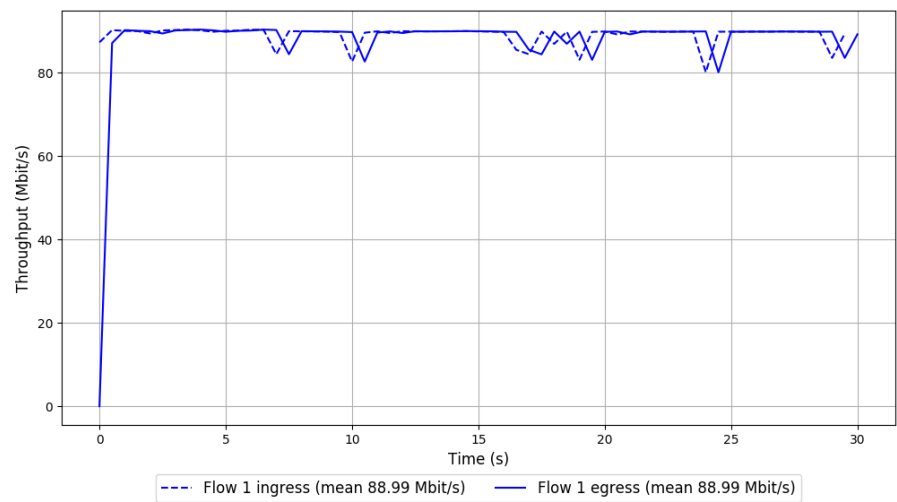


Run 4: Statistics of TaoVA-100x

Start at: 2018-05-25 02:27:09
End at: 2018-05-25 02:27:39
Local clock offset: -5.807 ms
Remote clock offset: -6.261 ms

Below is generated by plot.py at 2018-05-25 04:36:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 0.979 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 0.979 ms
Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-05-25 02:44:47

End at: 2018-05-25 02:45:17

Local clock offset: -5.869 ms

Remote clock offset: -6.573 ms

Below is generated by plot.py at 2018-05-25 04:36:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 0.925 ms

Loss rate: 0.01%

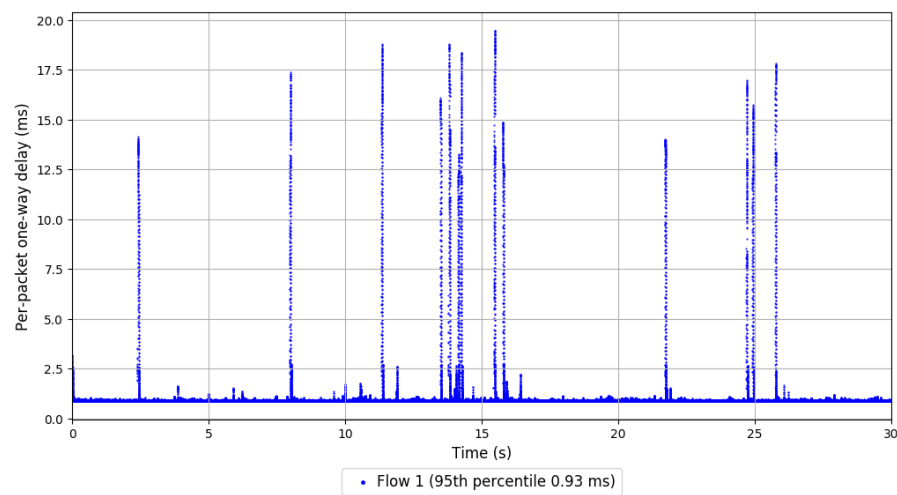
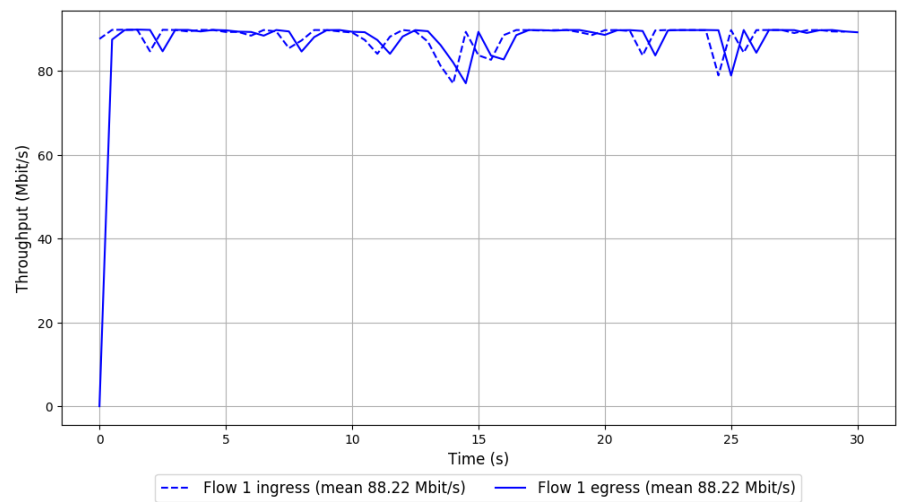
-- Flow 1:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 0.925 ms

Loss rate: 0.01%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-05-25 03:02:25

End at: 2018-05-25 03:02:55

Local clock offset: -5.945 ms

Remote clock offset: -6.703 ms

Below is generated by plot.py at 2018-05-25 04:36:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.03 Mbit/s

95th percentile per-packet one-way delay: 0.964 ms

Loss rate: 0.01%

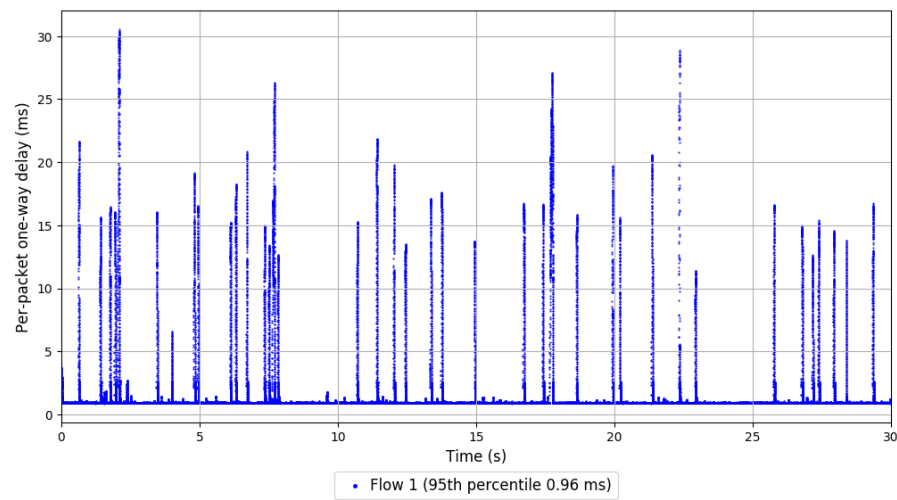
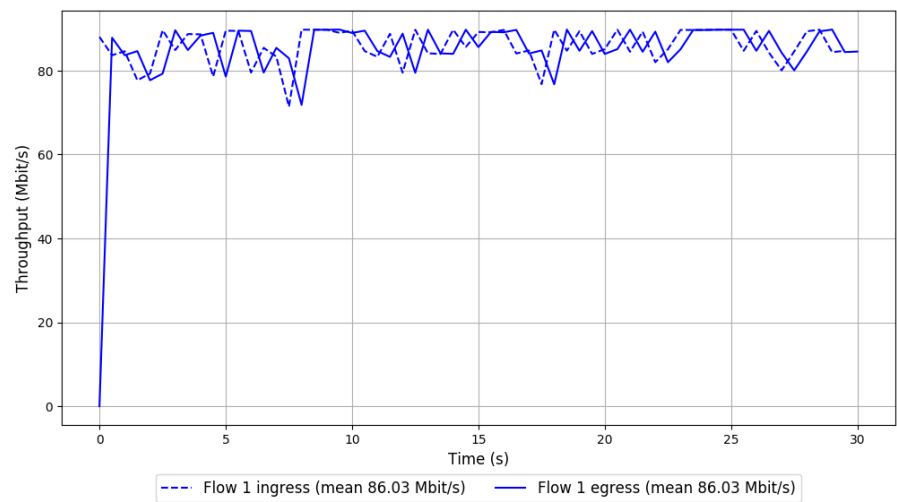
-- Flow 1:

Average throughput: 86.03 Mbit/s

95th percentile per-packet one-way delay: 0.964 ms

Loss rate: 0.01%

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

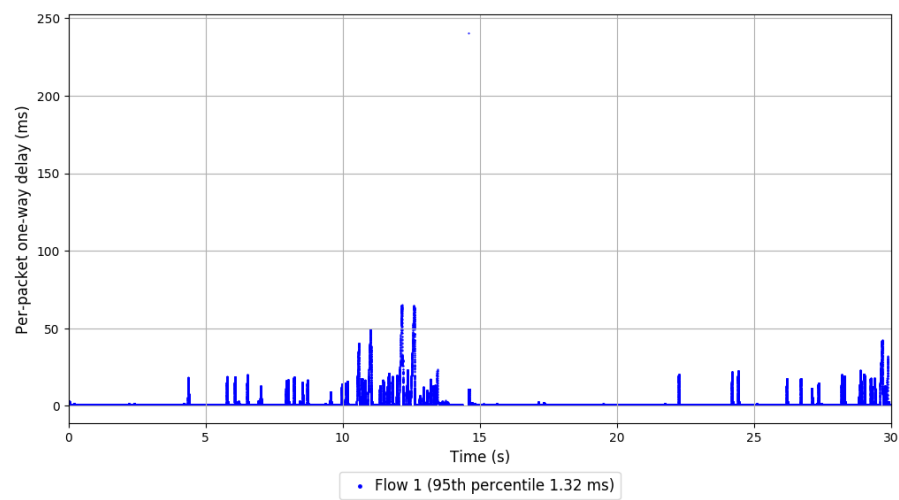
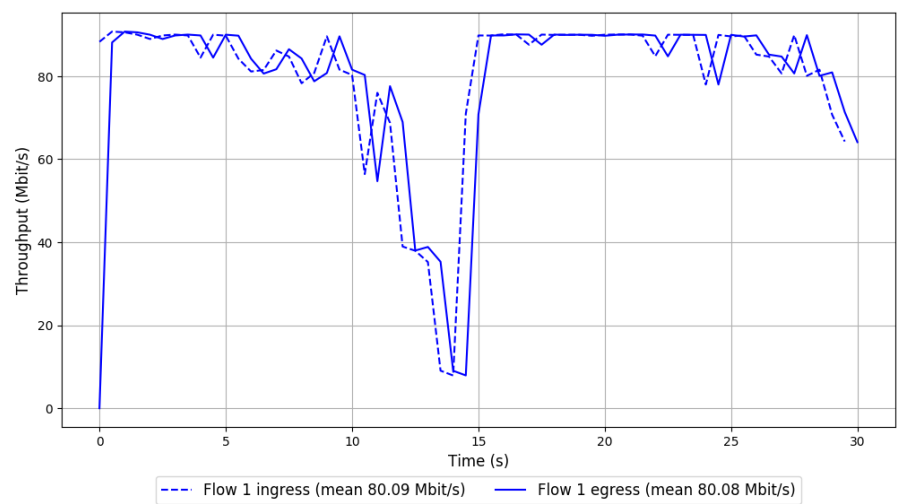


Run 7: Statistics of TaoVA-100x

Start at: 2018-05-25 03:20:05
End at: 2018-05-25 03:20:35
Local clock offset: -5.967 ms
Remote clock offset: -6.673 ms

Below is generated by plot.py at 2018-05-25 04:36:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.08 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 80.08 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.01%

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

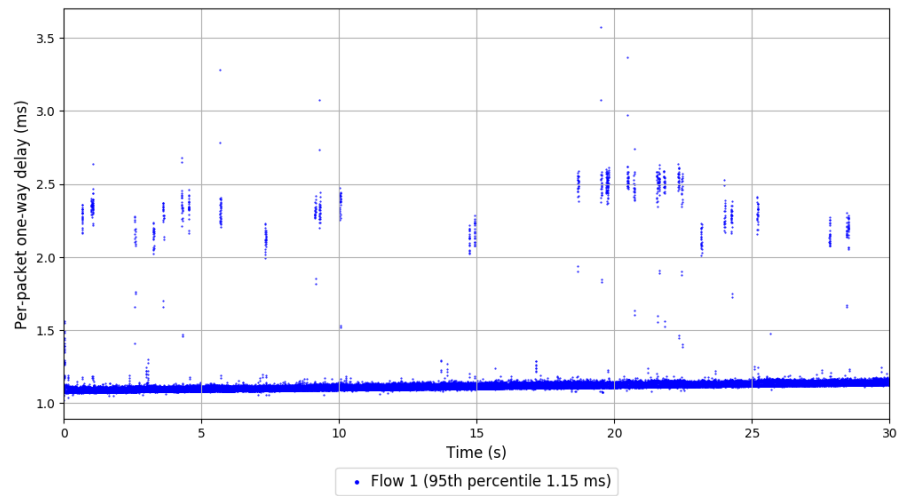
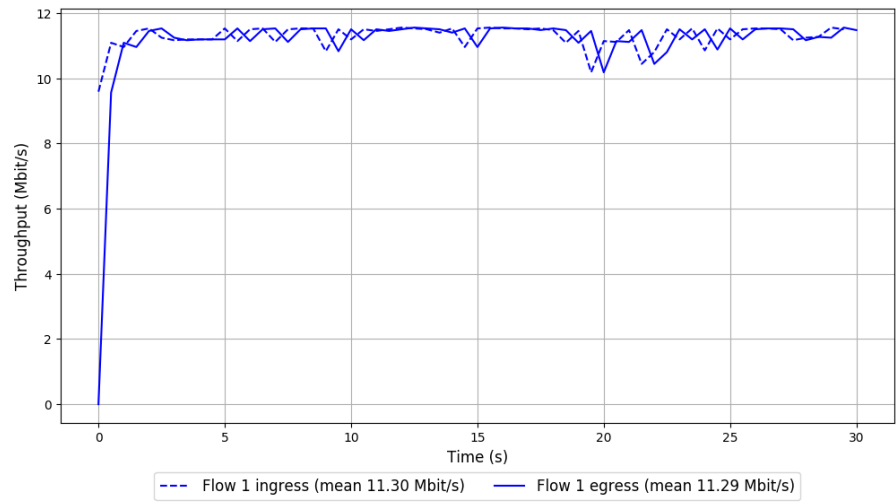


Run 8: Statistics of TaoVA-100x

Start at: 2018-05-25 03:37:40
End at: 2018-05-25 03:38:10
Local clock offset: -5.821 ms
Remote clock offset: -3.458 ms

Below is generated by plot.py at 2018-05-25 04:36:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.29 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.29 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-05-25 03:55:12

End at: 2018-05-25 03:55:42

Local clock offset: -5.81 ms

Remote clock offset: -2.013 ms

Below is generated by plot.py at 2018-05-25 04:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 1.007 ms

Loss rate: 0.01%

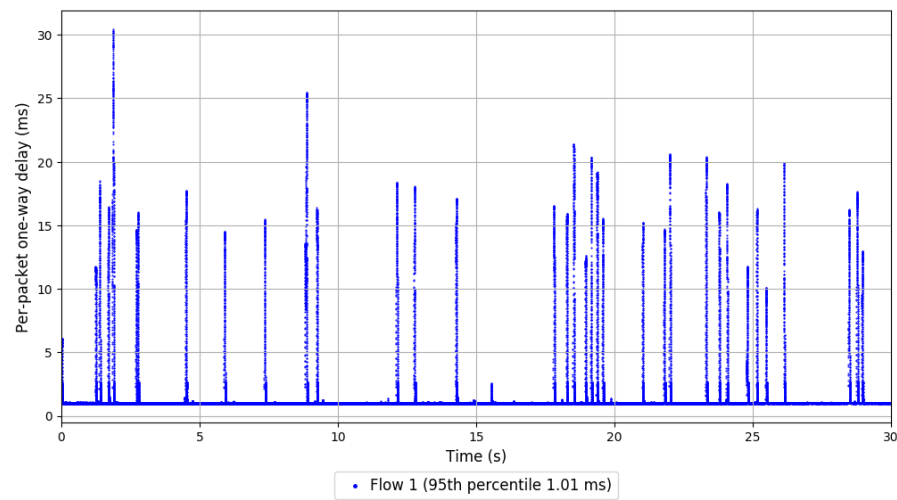
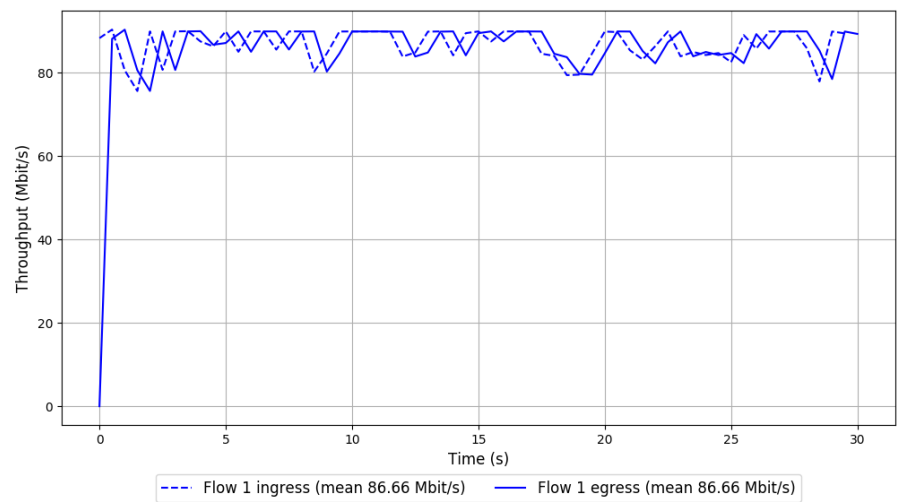
-- Flow 1:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 1.007 ms

Loss rate: 0.01%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-05-25 04:12:49

End at: 2018-05-25 04:13:19

Local clock offset: -5.721 ms

Remote clock offset: -2.399 ms

Below is generated by plot.py at 2018-05-25 04:38:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.29 Mbit/s

95th percentile per-packet one-way delay: 0.963 ms

Loss rate: 0.01%

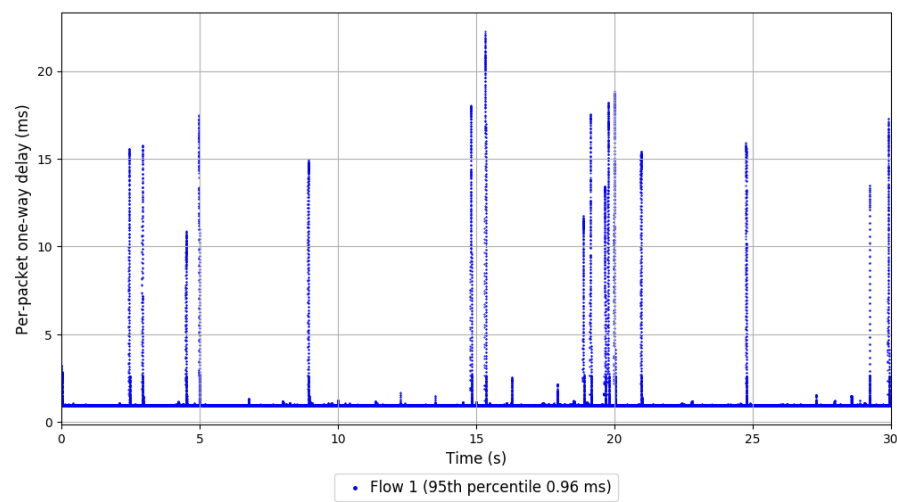
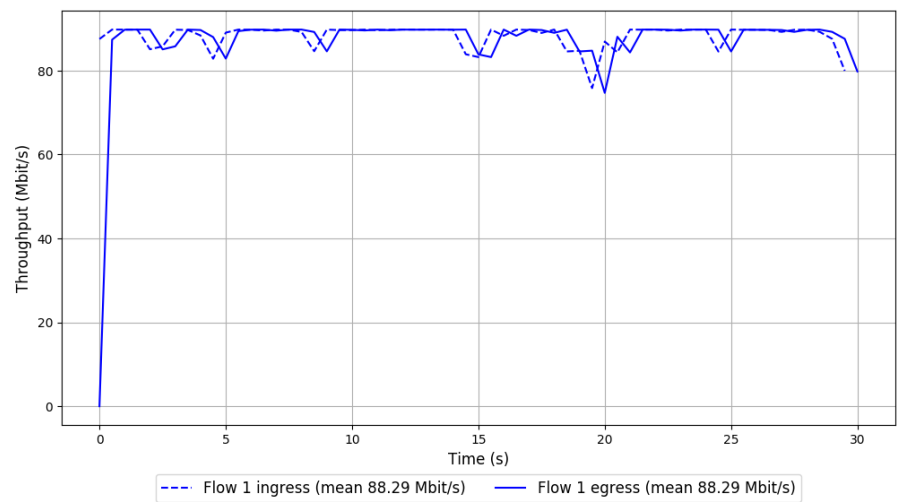
-- Flow 1:

Average throughput: 88.29 Mbit/s

95th percentile per-packet one-way delay: 0.963 ms

Loss rate: 0.01%

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

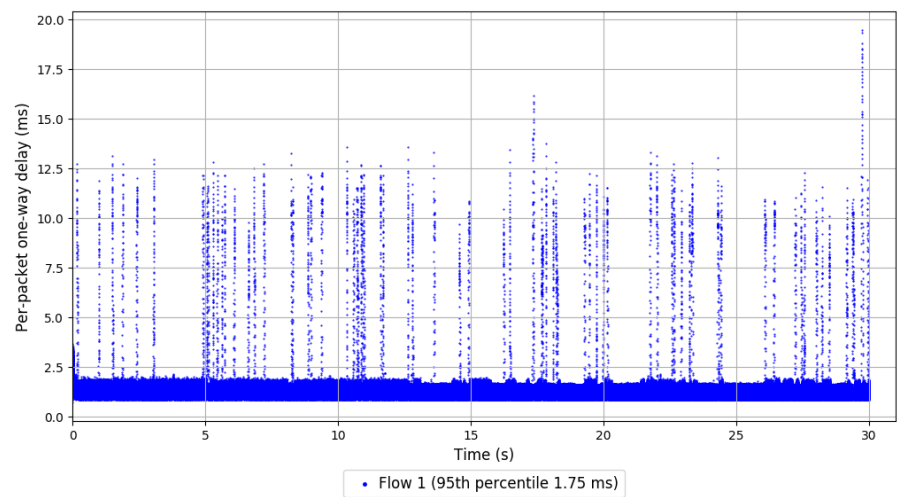
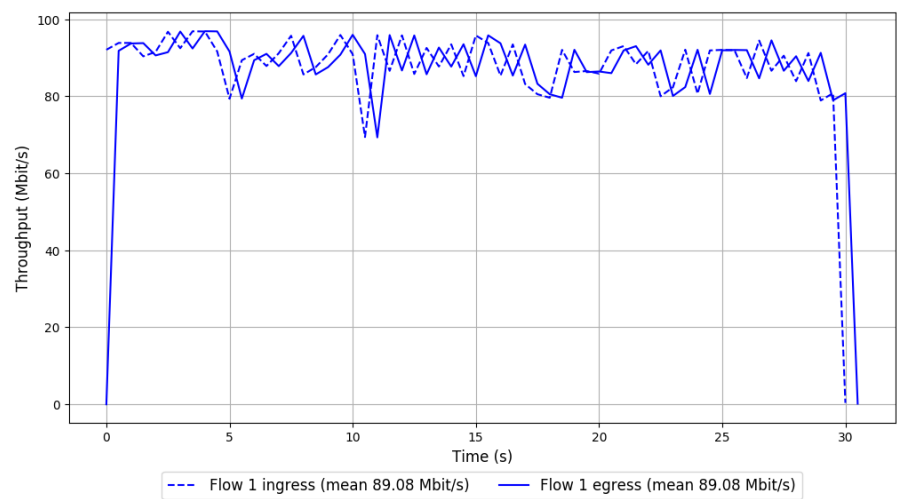


Run 1: Statistics of TCP Vegas

Start at: 2018-05-25 01:30:49
End at: 2018-05-25 01:31:19
Local clock offset: -5.924 ms
Remote clock offset: -6.182 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 1.749 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 1.749 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

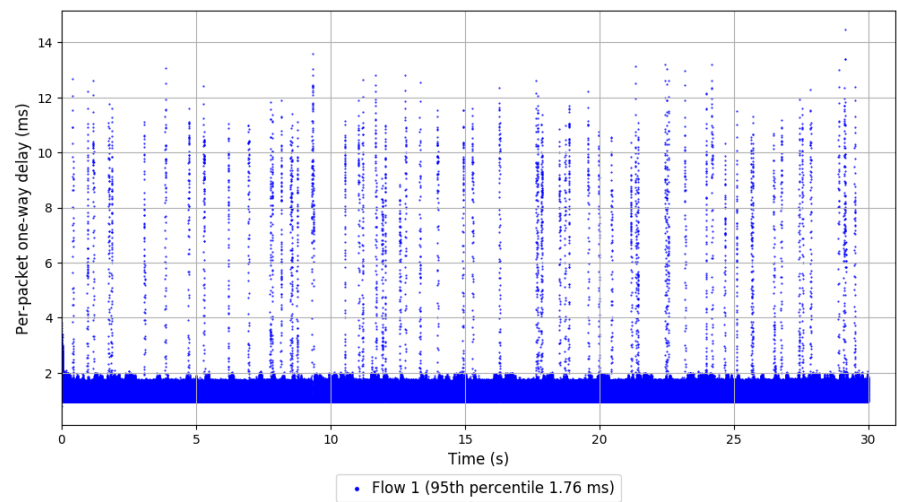
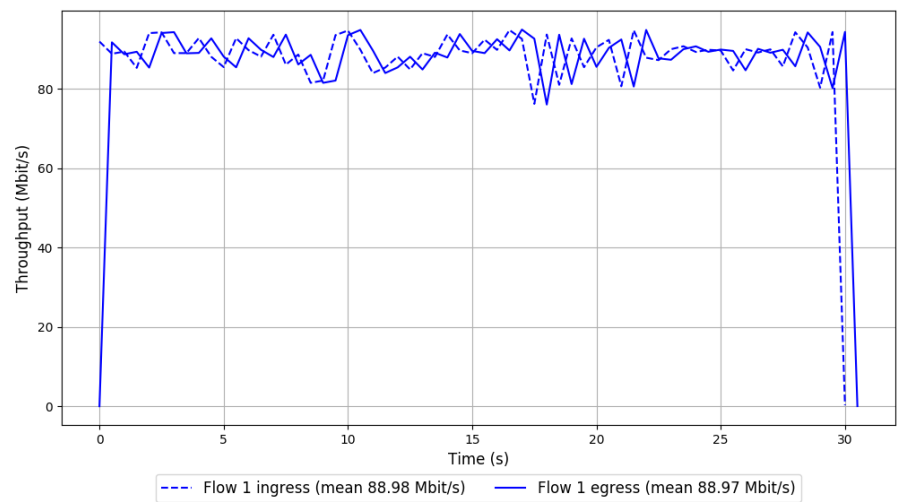


Run 2: Statistics of TCP Vegas

Start at: 2018-05-25 01:48:26
End at: 2018-05-25 01:48:56
Local clock offset: -5.72 ms
Remote clock offset: -5.615 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.97 Mbit/s
95th percentile per-packet one-way delay: 1.763 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.97 Mbit/s
95th percentile per-packet one-way delay: 1.763 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

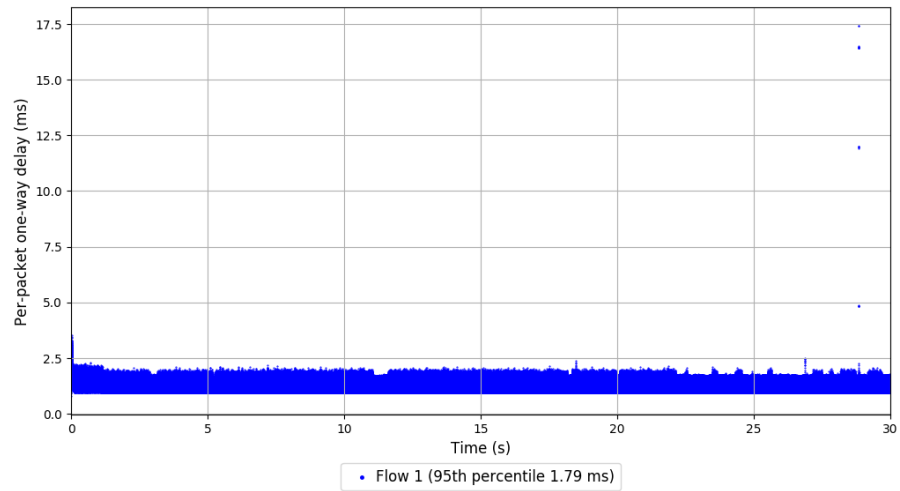
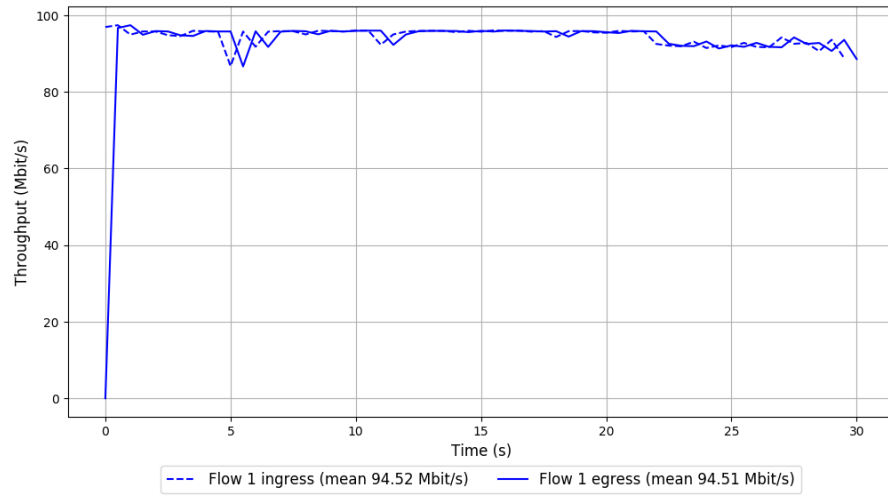


Run 3: Statistics of TCP Vegas

Start at: 2018-05-25 02:06:02
End at: 2018-05-25 02:06:32
Local clock offset: -5.697 ms
Remote clock offset: -5.005 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 1.792 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 1.792 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

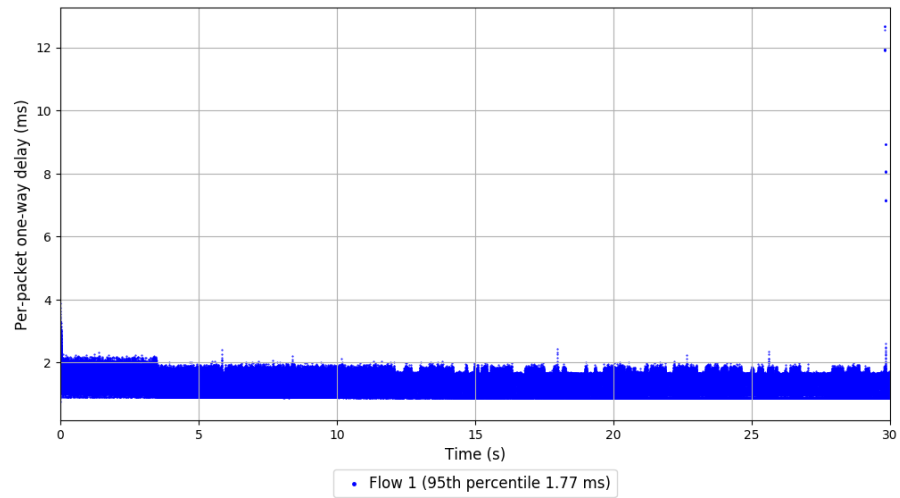
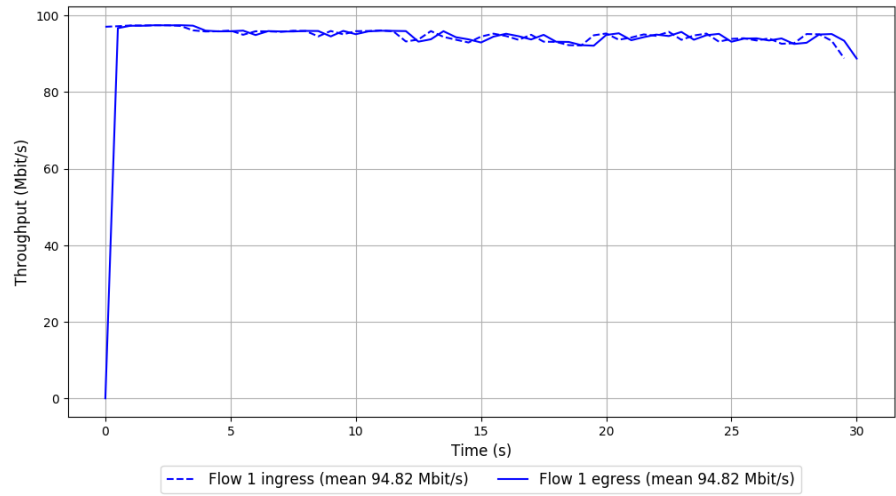


Run 4: Statistics of TCP Vegas

Start at: 2018-05-25 02:23:44
End at: 2018-05-25 02:24:14
Local clock offset: -5.713 ms
Remote clock offset: -5.937 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

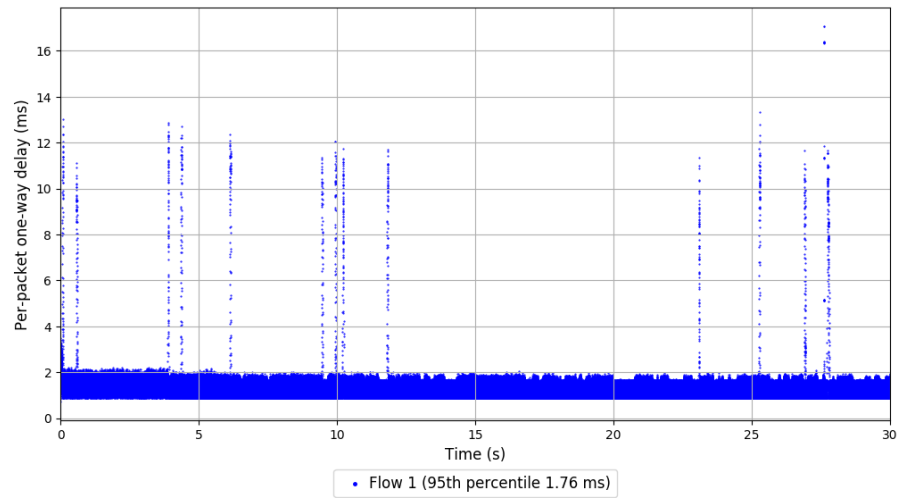
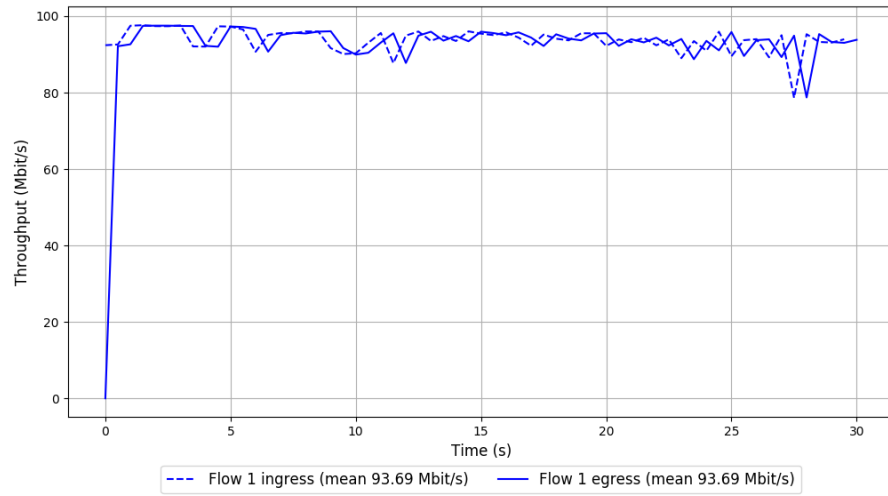


Run 5: Statistics of TCP Vegas

Start at: 2018-05-25 02:41:26
End at: 2018-05-25 02:41:56
Local clock offset: -5.851 ms
Remote clock offset: -6.488 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 1.761 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 1.761 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

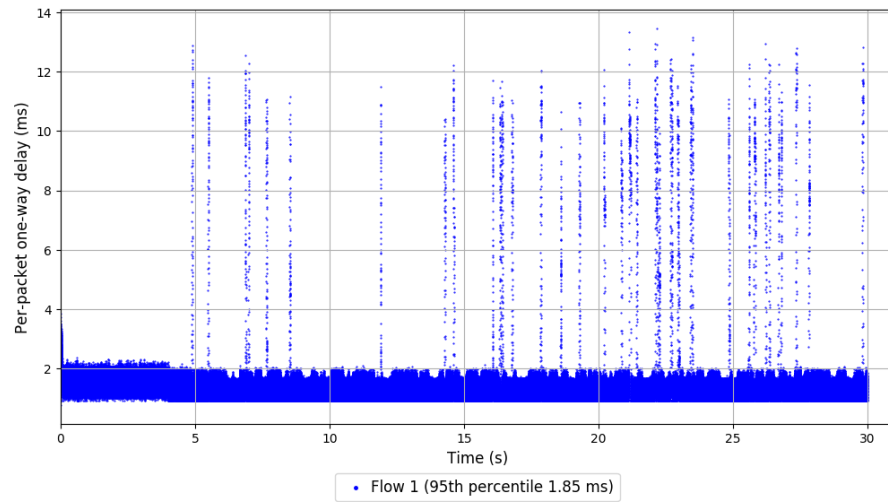
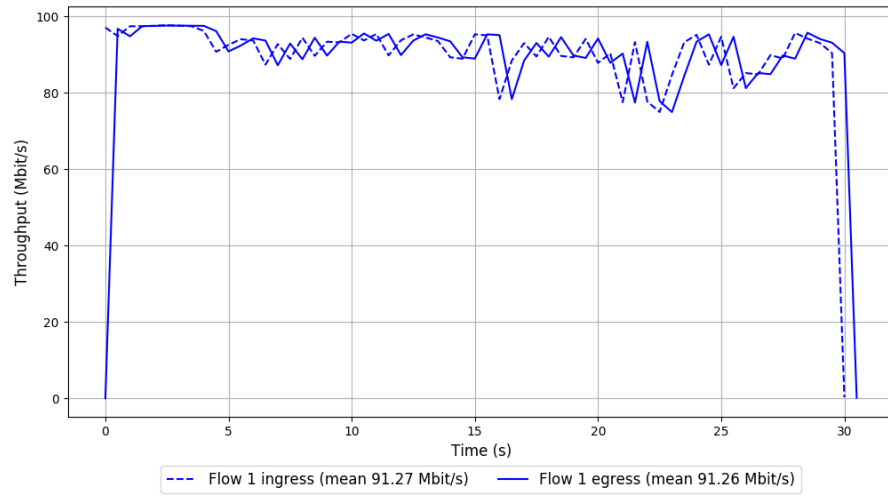


Run 6: Statistics of TCP Vegas

Start at: 2018-05-25 02:59:03
End at: 2018-05-25 02:59:33
Local clock offset: -5.832 ms
Remote clock offset: -6.605 ms

Below is generated by plot.py at 2018-05-25 04:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 1.854 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 1.854 ms
Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

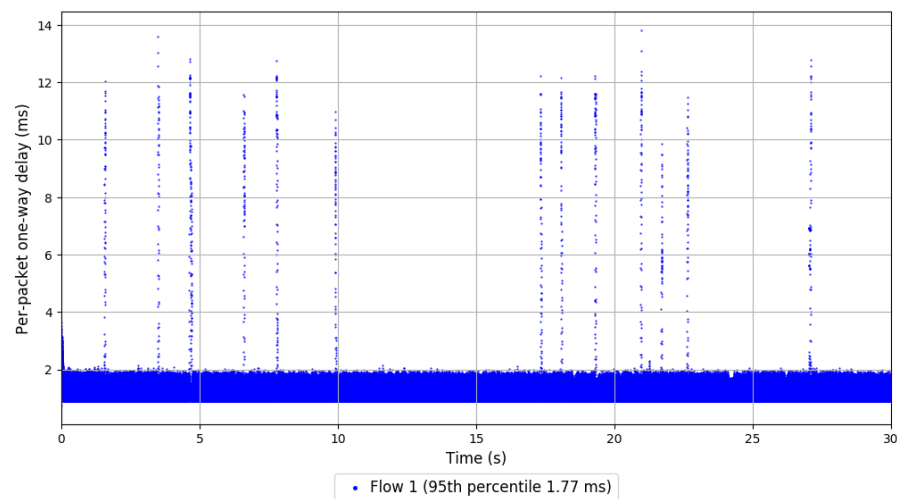
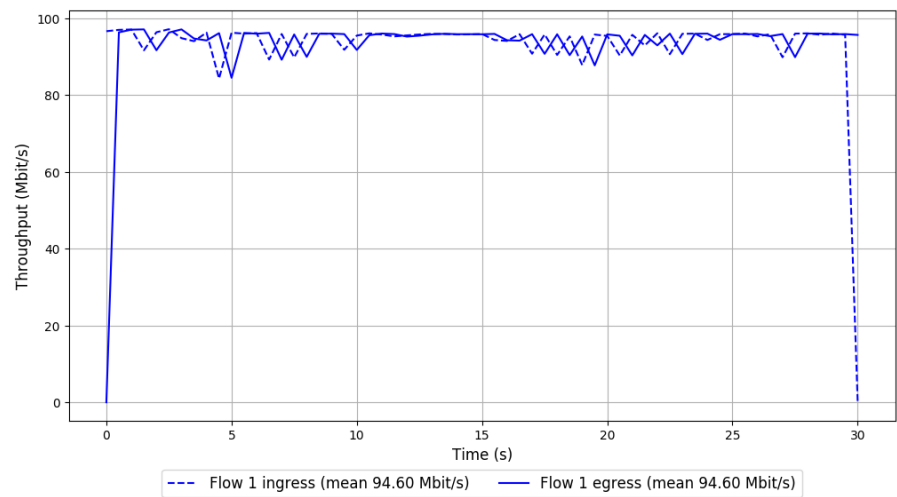


Run 7: Statistics of TCP Vegas

Start at: 2018-05-25 03:16:41
End at: 2018-05-25 03:17:12
Local clock offset: -5.905 ms
Remote clock offset: -6.638 ms

Below is generated by plot.py at 2018-05-25 04:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 1.770 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 1.770 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-05-25 03:34:20

End at: 2018-05-25 03:34:50

Local clock offset: -5.837 ms

Remote clock offset: -3.81 ms

Below is generated by plot.py at 2018-05-25 04:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.01 Mbit/s

95th percentile per-packet one-way delay: 1.992 ms

Loss rate: 0.01%

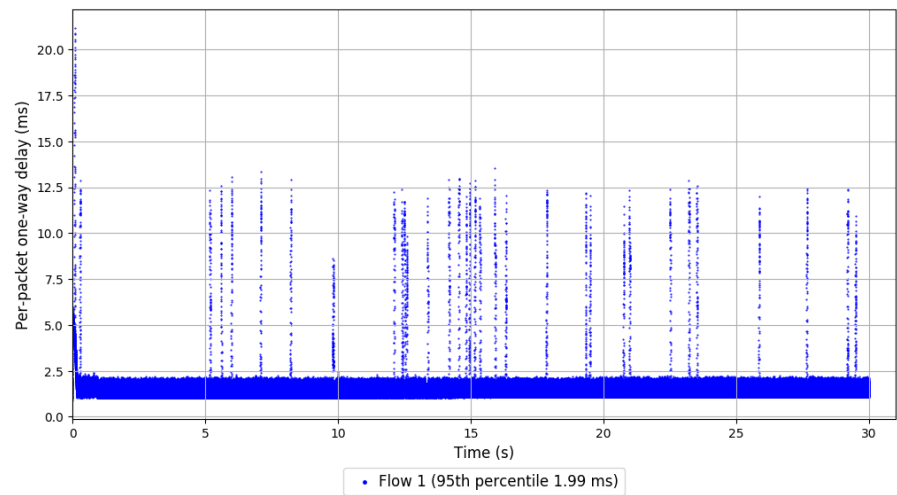
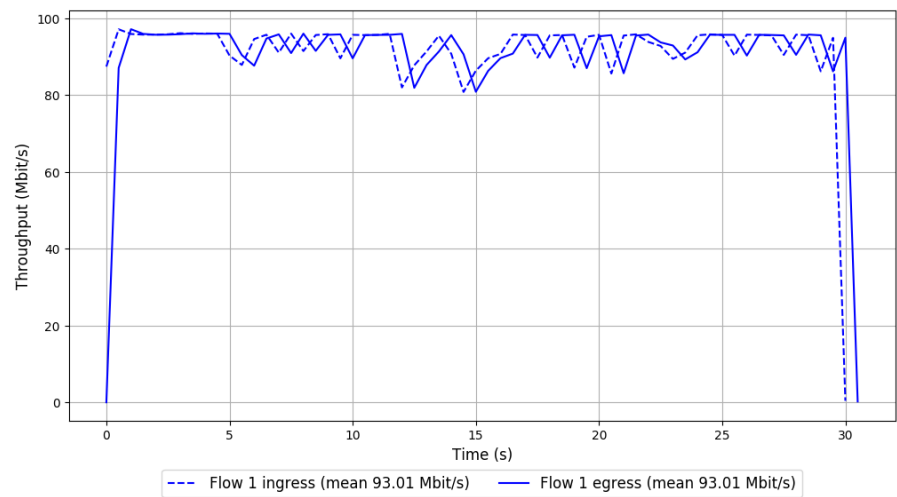
-- Flow 1:

Average throughput: 93.01 Mbit/s

95th percentile per-packet one-way delay: 1.992 ms

Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link

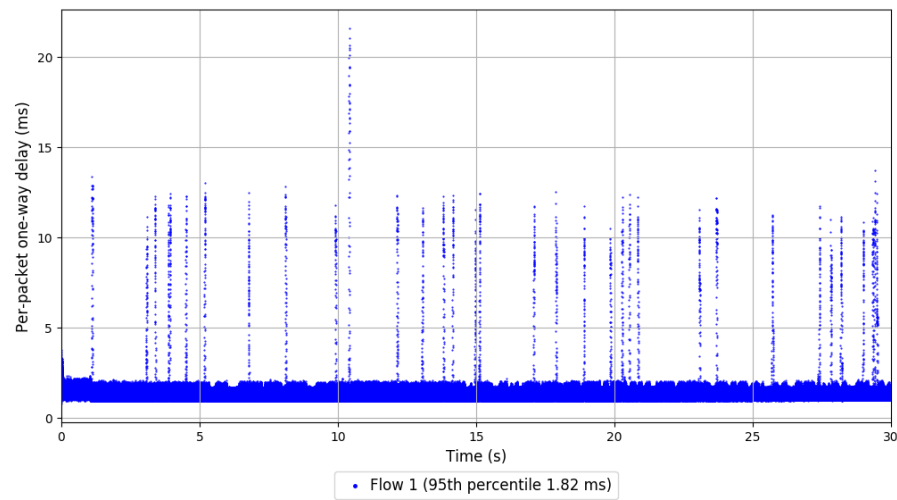
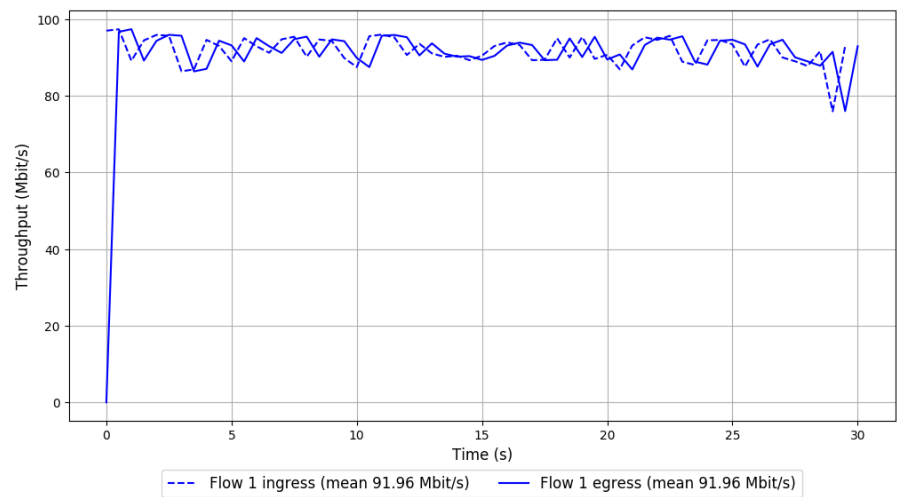


Run 9: Statistics of TCP Vegas

Start at: 2018-05-25 03:51:51
End at: 2018-05-25 03:52:21
Local clock offset: -5.806 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2018-05-25 04:38:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 1.820 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 1.820 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-05-25 04:09:28

End at: 2018-05-25 04:09:58

Local clock offset: -5.691 ms

Remote clock offset: -2.347 ms

Below is generated by plot.py at 2018-05-25 04:38:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.23 Mbit/s

95th percentile per-packet one-way delay: 1.673 ms

Loss rate: 0.01%

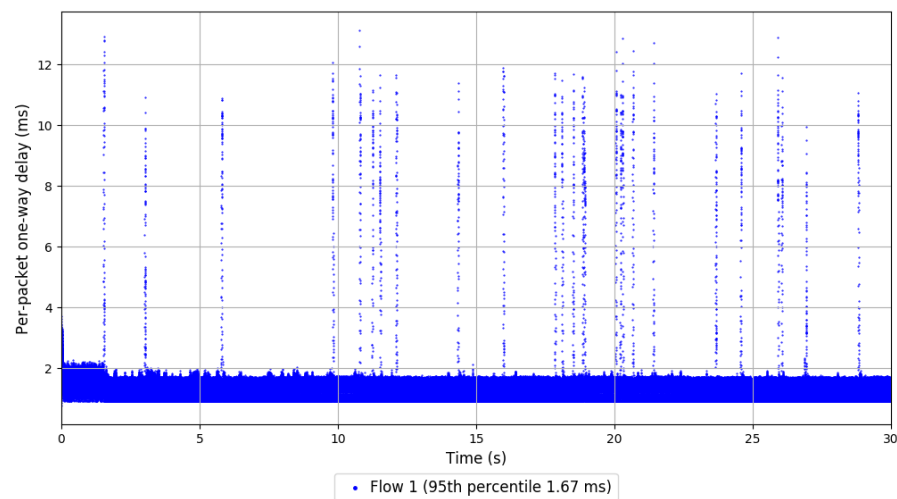
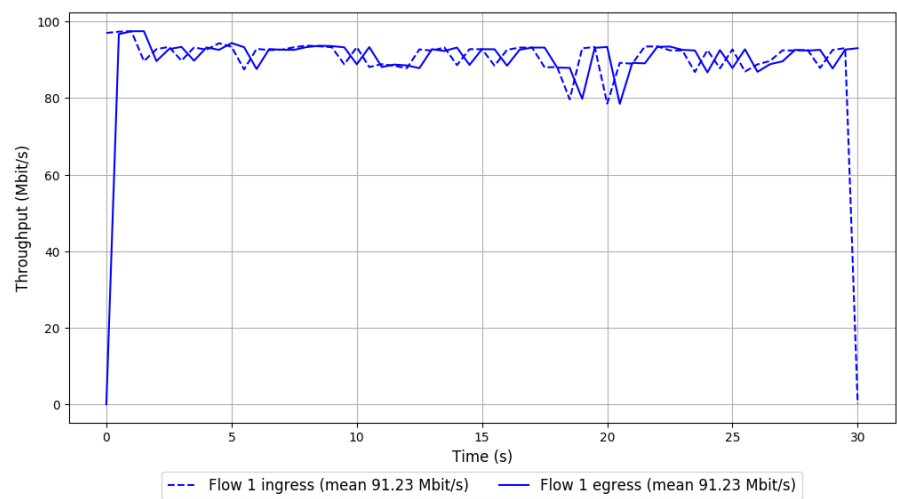
-- Flow 1:

Average throughput: 91.23 Mbit/s

95th percentile per-packet one-way delay: 1.673 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

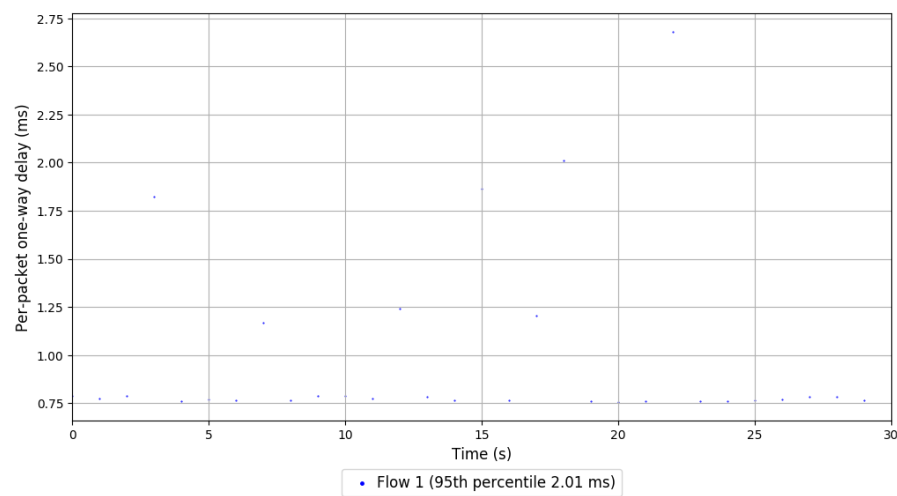
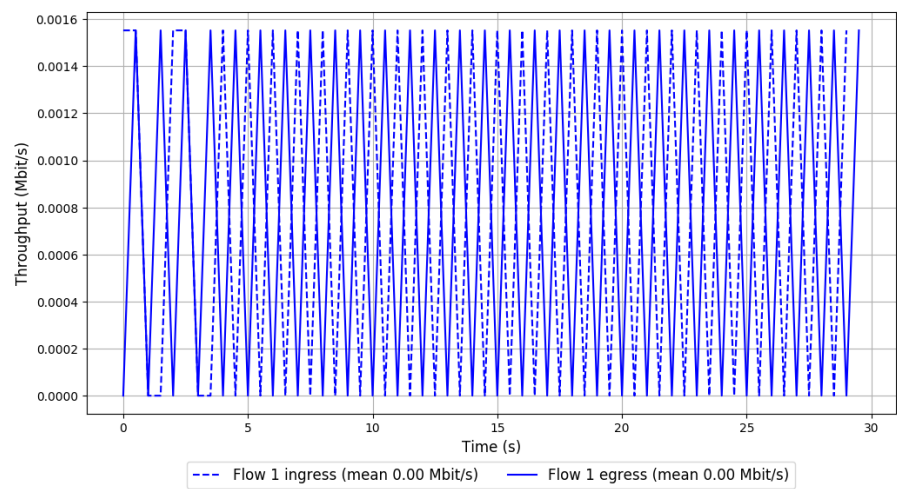


Run 1: Statistics of Verus

Start at: 2018-05-25 01:35:19
End at: 2018-05-25 01:35:49
Local clock offset: -5.755 ms
Remote clock offset: -6.056 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.012 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

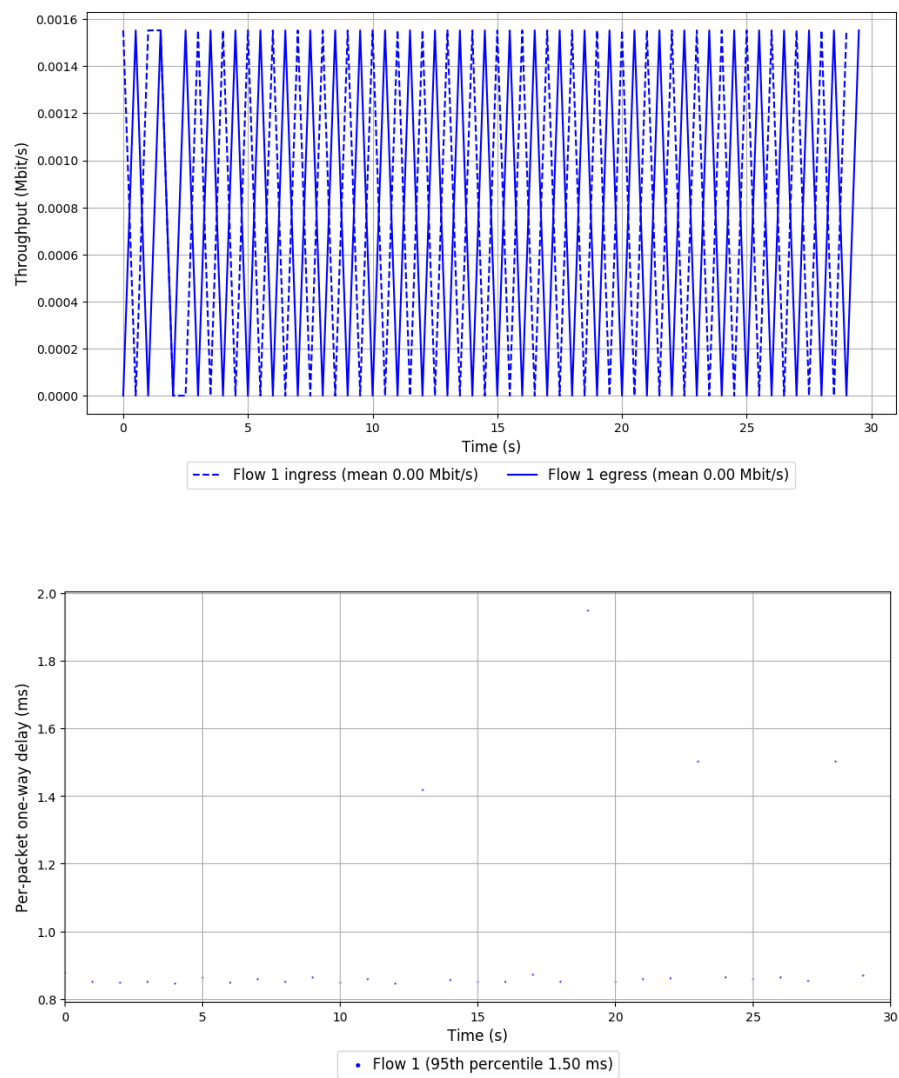


Run 2: Statistics of Verus

Start at: 2018-05-25 01:52:56
End at: 2018-05-25 01:53:26
Local clock offset: -5.664 ms
Remote clock offset: -5.453 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

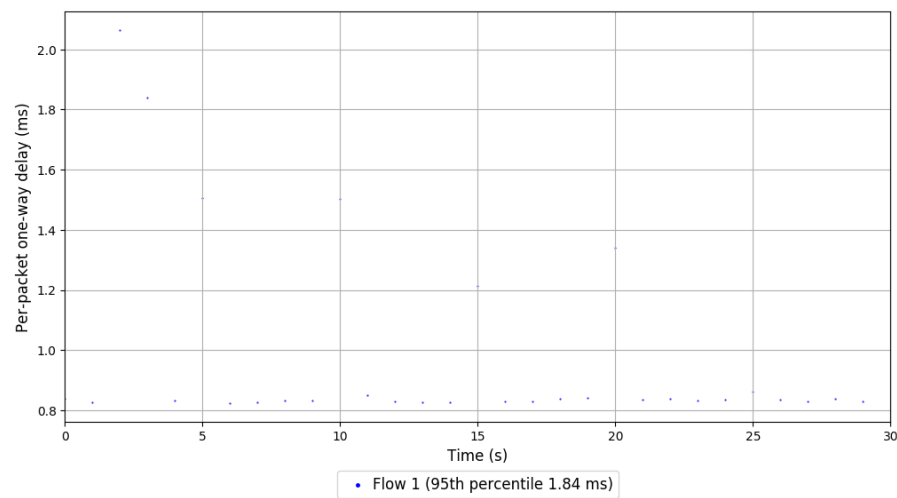
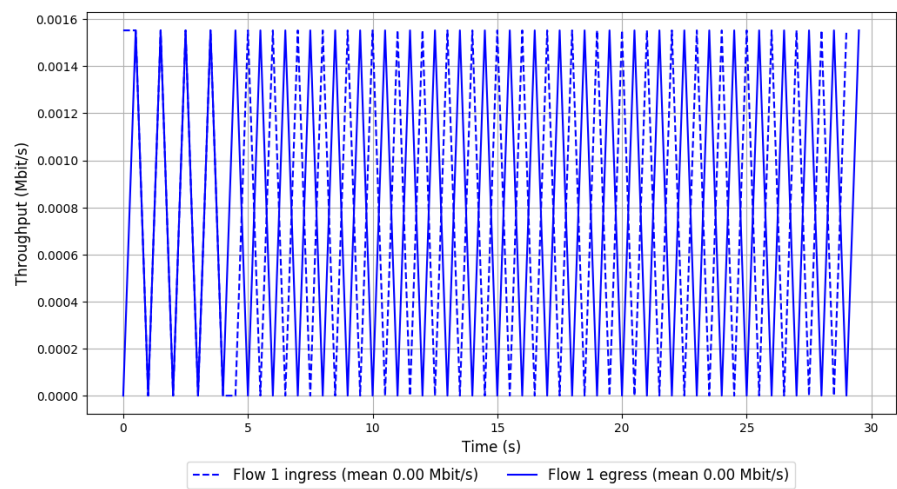


Run 3: Statistics of Verus

Start at: 2018-05-25 02:10:37
End at: 2018-05-25 02:11:07
Local clock offset: -5.769 ms
Remote clock offset: -5.009 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.840 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.840 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

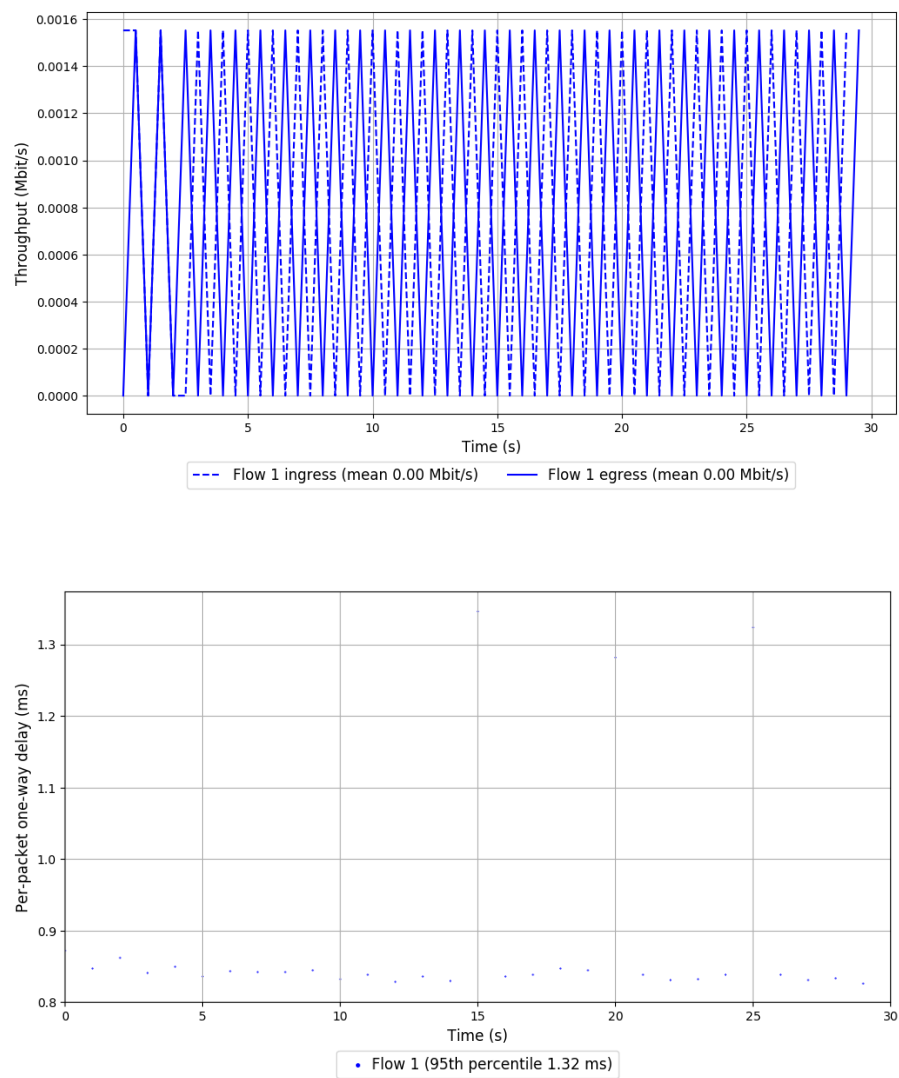


Run 4: Statistics of Verus

Start at: 2018-05-25 02:28:19
End at: 2018-05-25 02:28:49
Local clock offset: -5.733 ms
Remote clock offset: -6.255 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.324 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

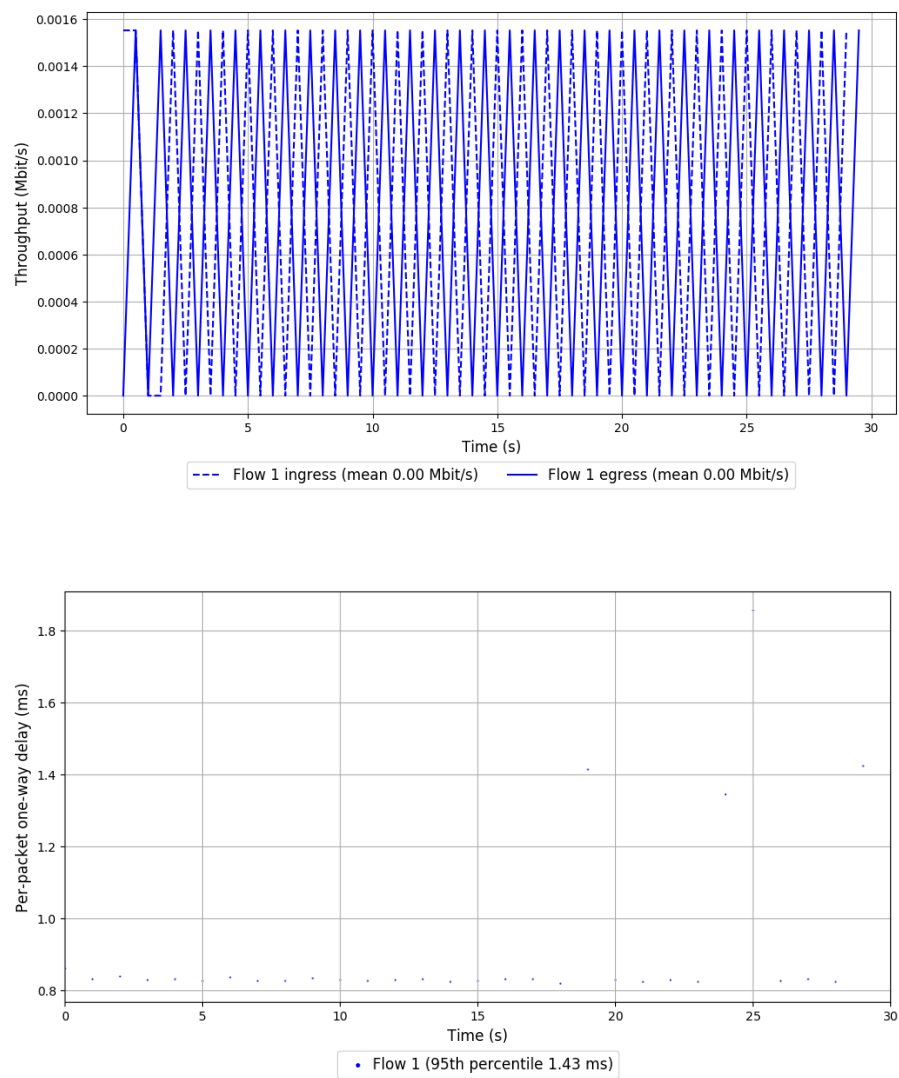


Run 5: Statistics of Verus

Start at: 2018-05-25 02:45:57
End at: 2018-05-25 02:46:27
Local clock offset: -5.811 ms
Remote clock offset: -6.594 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.425 ms
Loss rate: 0.00%

Run 5: Report of Verus — Data Link

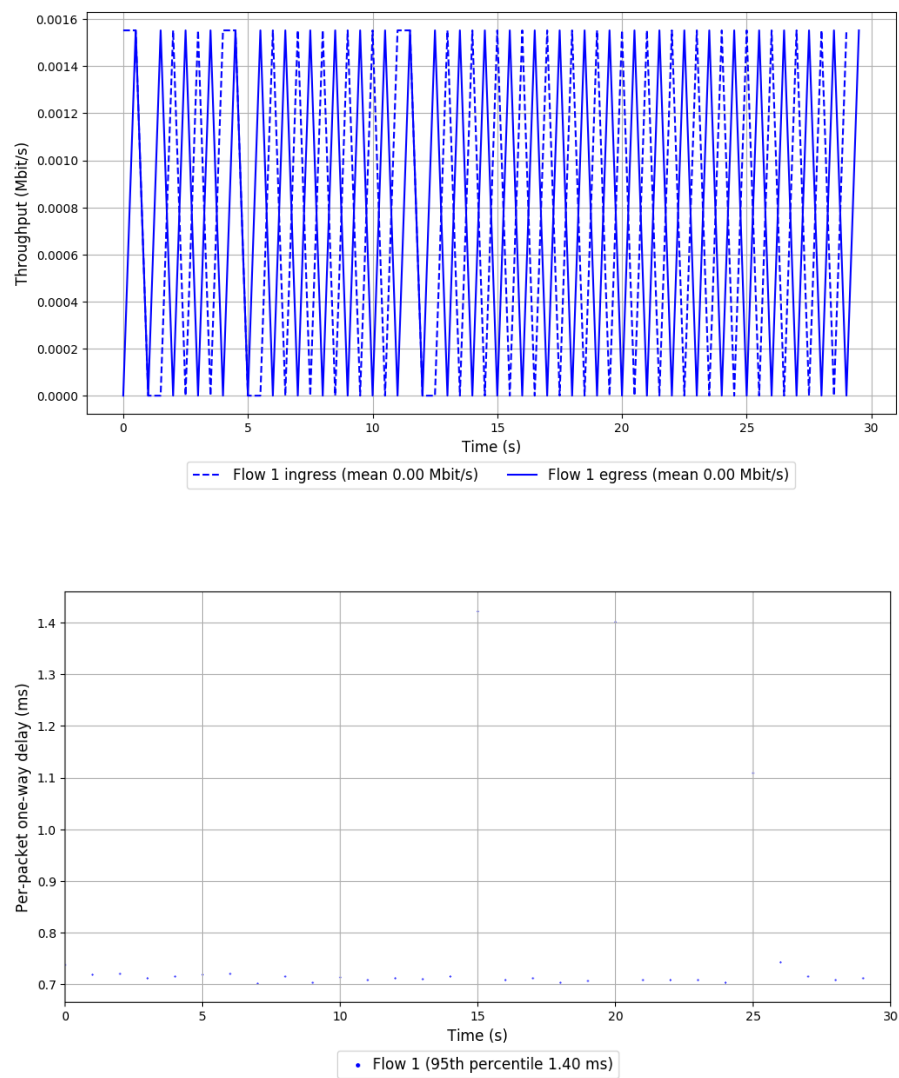


Run 6: Statistics of Verus

Start at: 2018-05-25 03:03:35
End at: 2018-05-25 03:04:05
Local clock offset: -5.906 ms
Remote clock offset: -6.614 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.401 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link

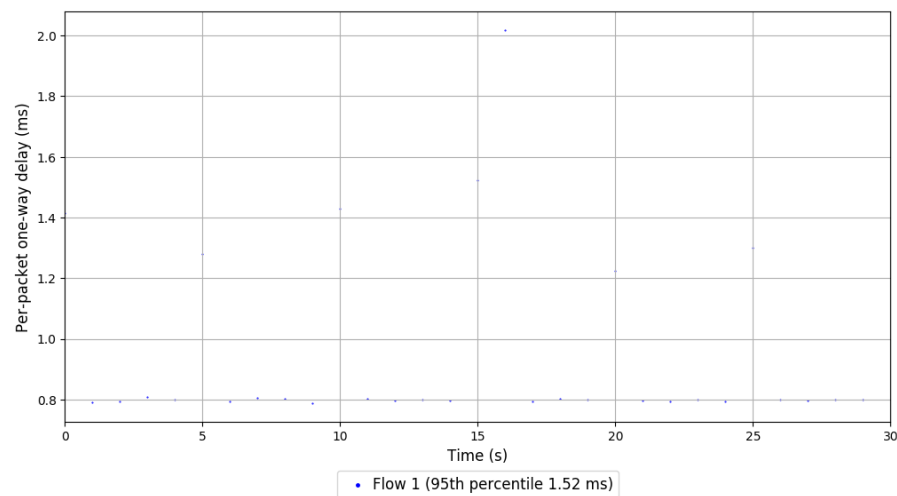
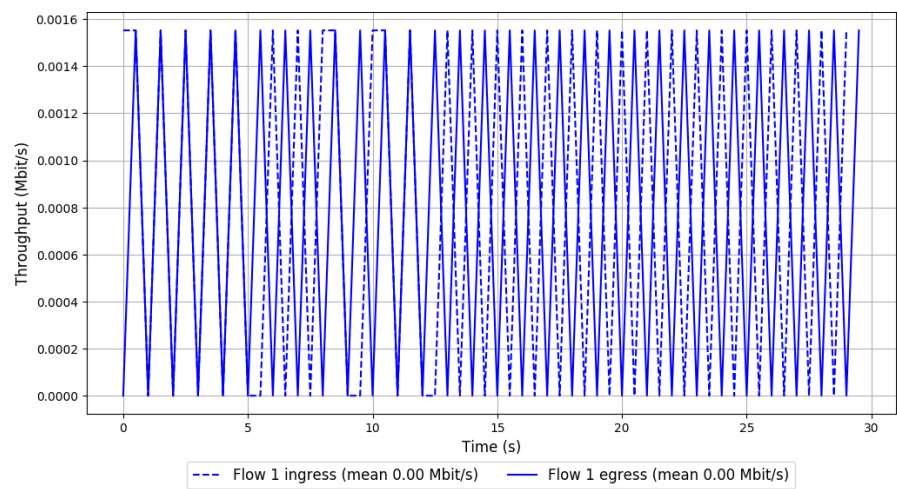


Run 7: Statistics of Verus

Start at: 2018-05-25 03:21:14
End at: 2018-05-25 03:21:44
Local clock offset: -5.93 ms
Remote clock offset: -6.742 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

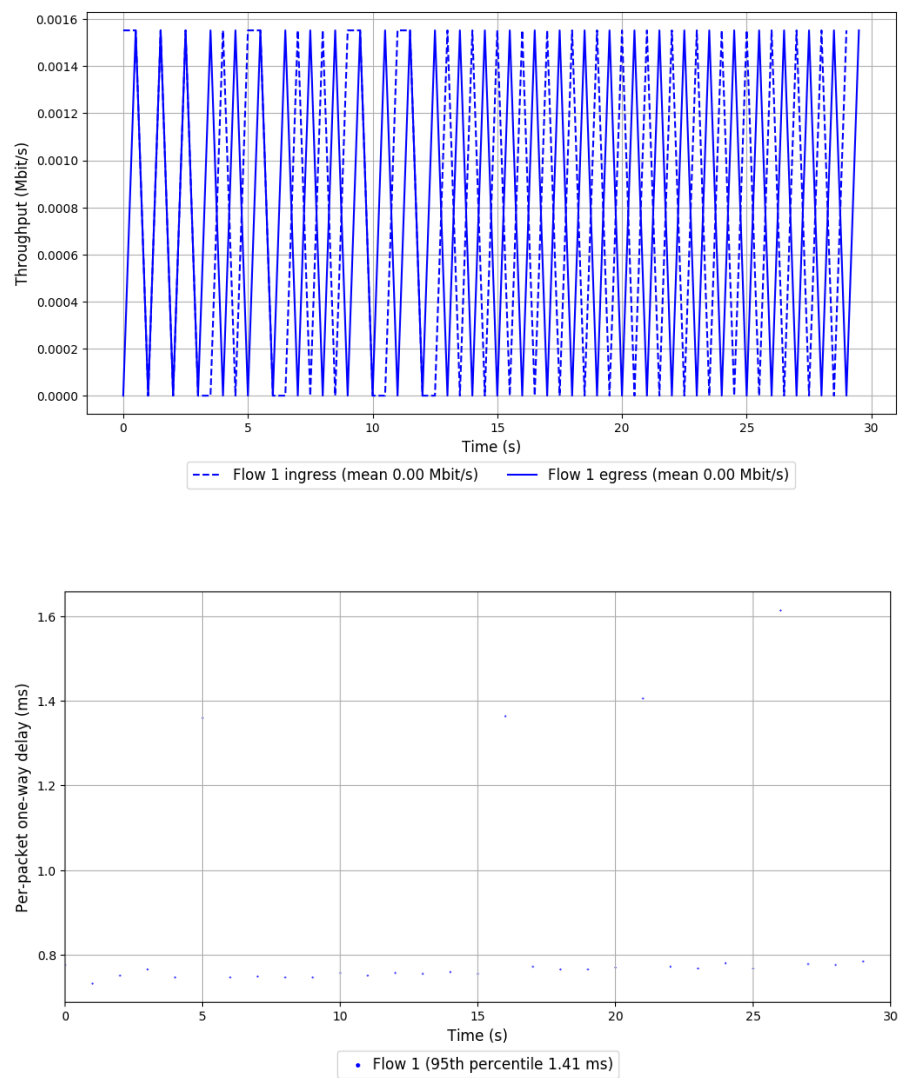


Run 8: Statistics of Verus

Start at: 2018-05-25 03:38:45
End at: 2018-05-25 03:39:15
Local clock offset: -5.871 ms
Remote clock offset: -3.185 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.407 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-05-25 03:56:22

End at: 2018-05-25 03:56:52

Local clock offset: -5.791 ms

Remote clock offset: -1.88 ms

Below is generated by plot.py at 2018-05-25 04:38:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 1.790 ms

Loss rate: 0.00%

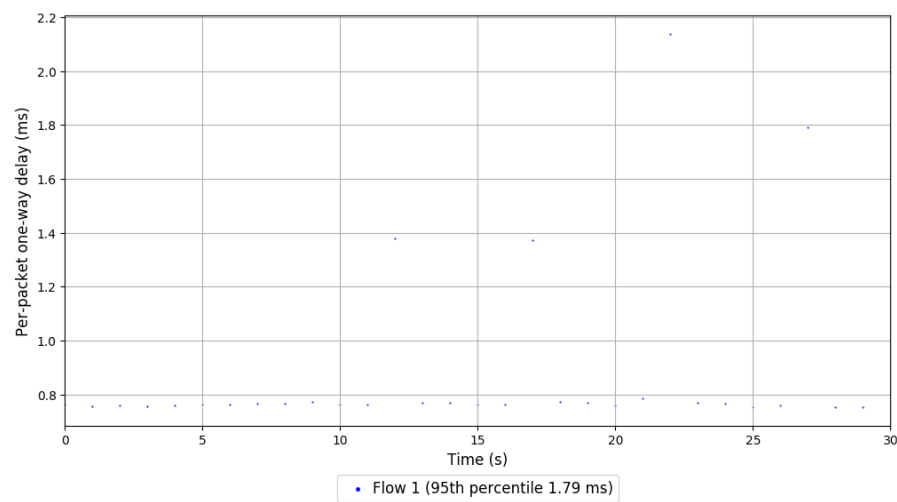
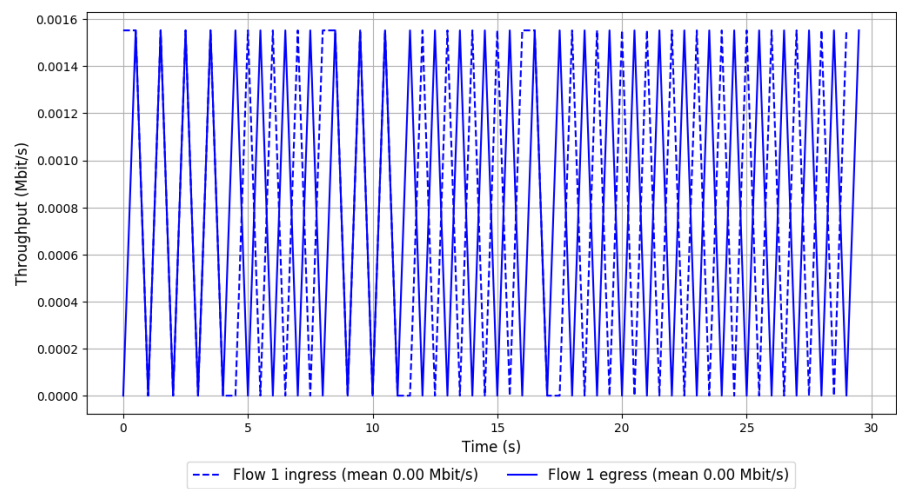
-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 1.790 ms

Loss rate: 0.00%

Run 9: Report of Verus — Data Link

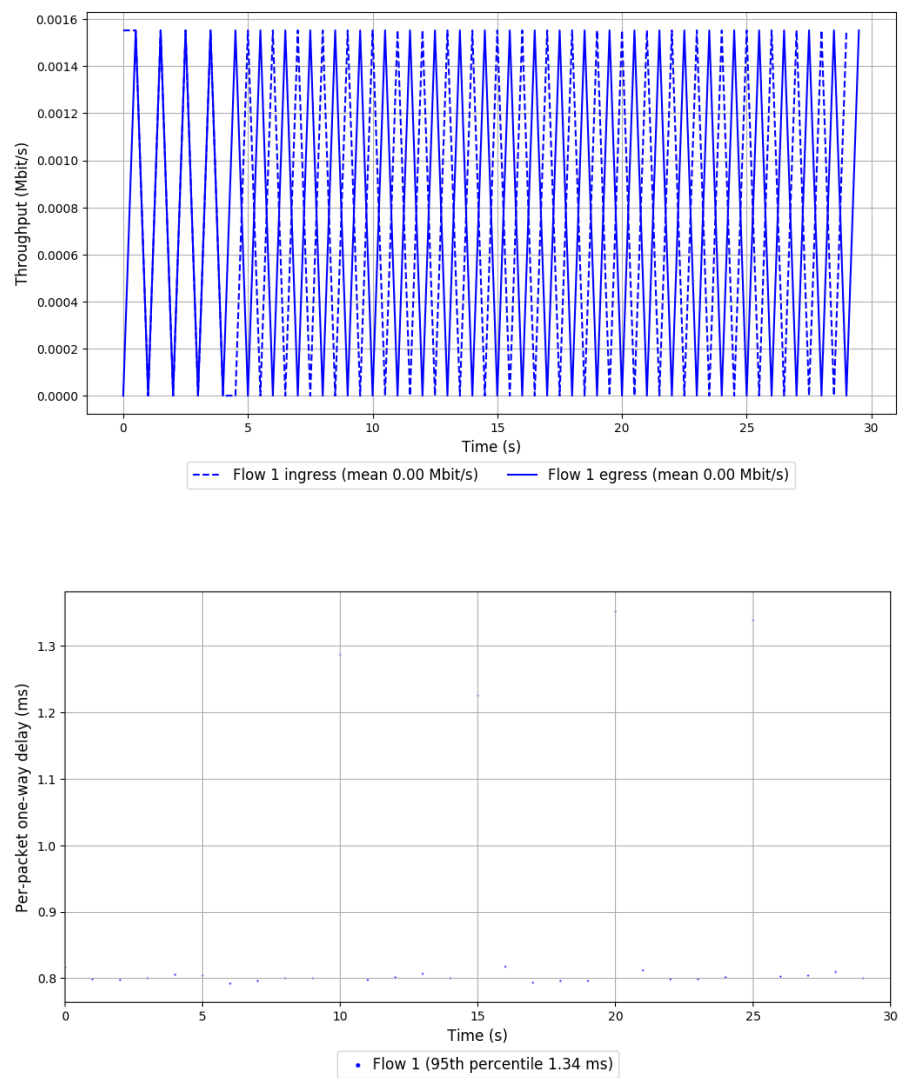


Run 10: Statistics of Verus

Start at: 2018-05-25 04:13:59
End at: 2018-05-25 04:14:29
Local clock offset: -5.723 ms
Remote clock offset: -2.397 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link

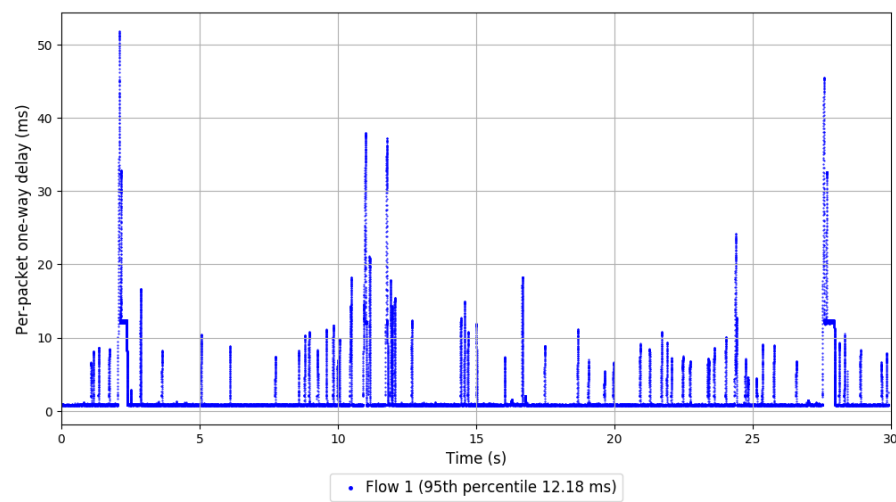
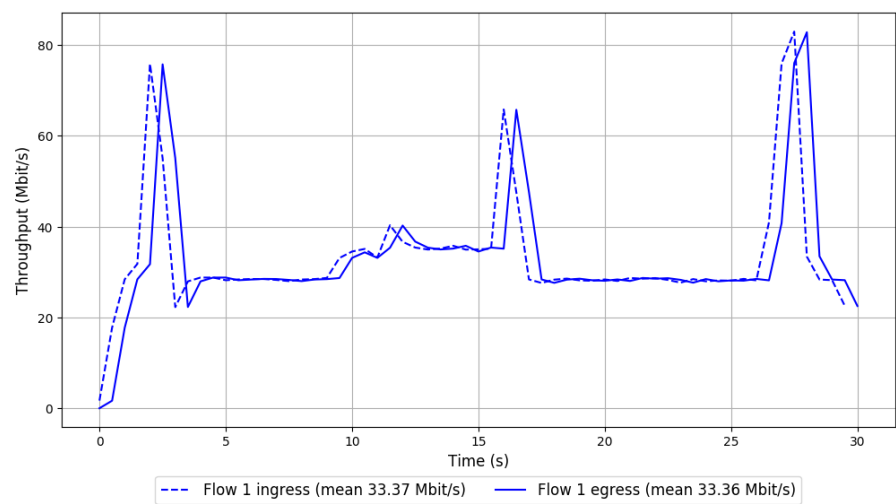


Run 1: Statistics of PCC-Vivace

Start at: 2018-05-25 01:25:23
End at: 2018-05-25 01:25:53
Local clock offset: -5.984 ms
Remote clock offset: -6.146 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 12.179 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 12.179 ms
Loss rate: 0.02%

Run 1: Report of PCC-Vivace — Data Link

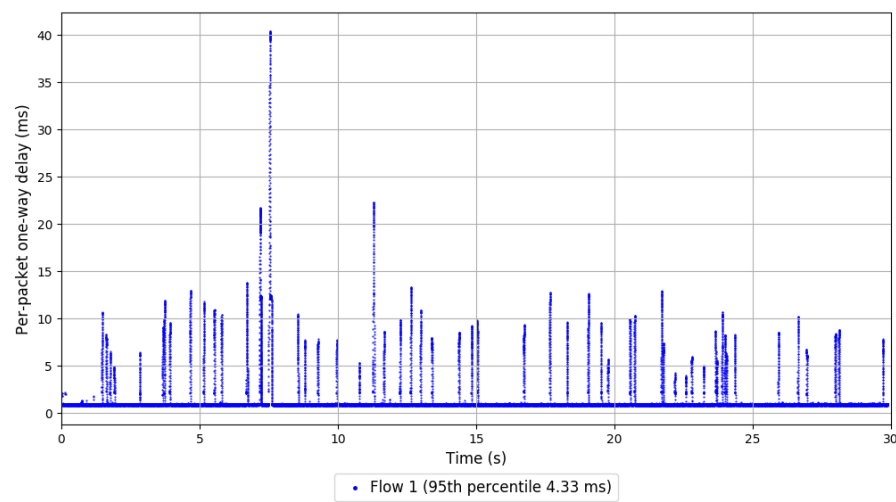
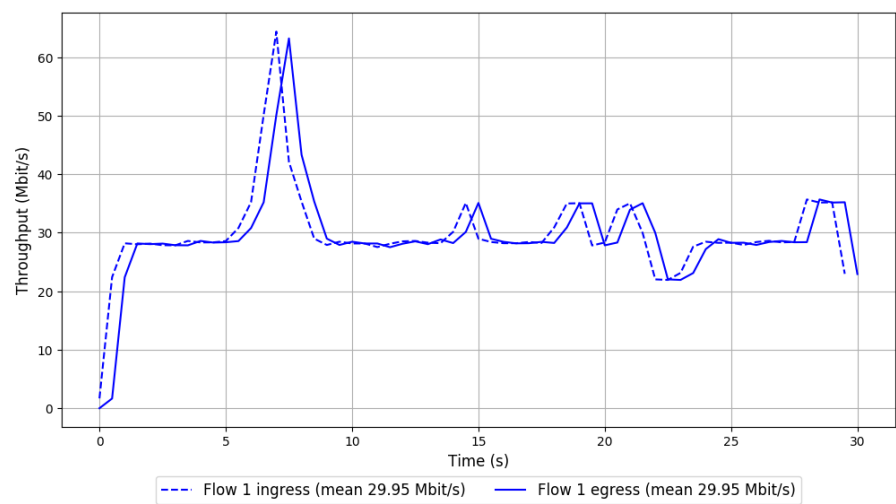


Run 2: Statistics of PCC-Vivace

Start at: 2018-05-25 01:43:00
End at: 2018-05-25 01:43:30
Local clock offset: -5.763 ms
Remote clock offset: -5.895 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 4.335 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 4.335 ms
Loss rate: 0.01%

Run 2: Report of PCC-Vivace — Data Link

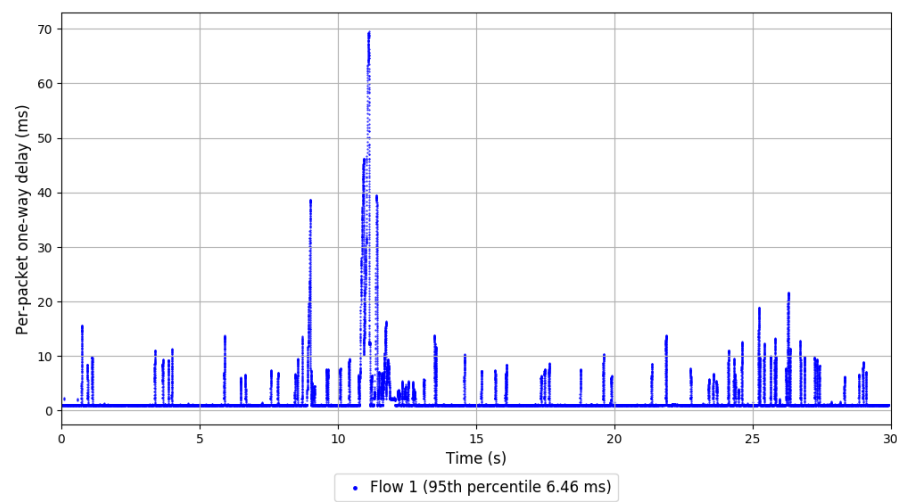
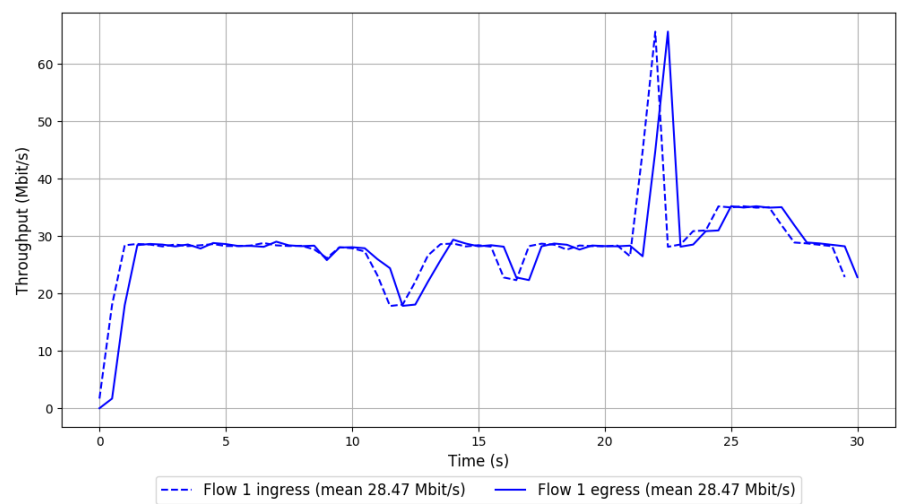


Run 3: Statistics of PCC-Vivace

Start at: 2018-05-25 02:00:37
End at: 2018-05-25 02:01:07
Local clock offset: -5.682 ms
Remote clock offset: -5.151 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 6.463 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 6.463 ms
Loss rate: 0.01%

Run 3: Report of PCC-Vivace — Data Link

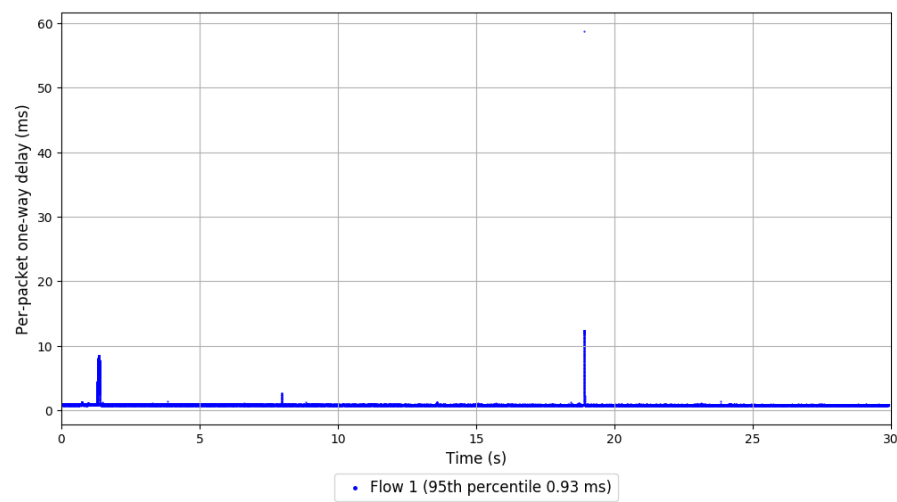
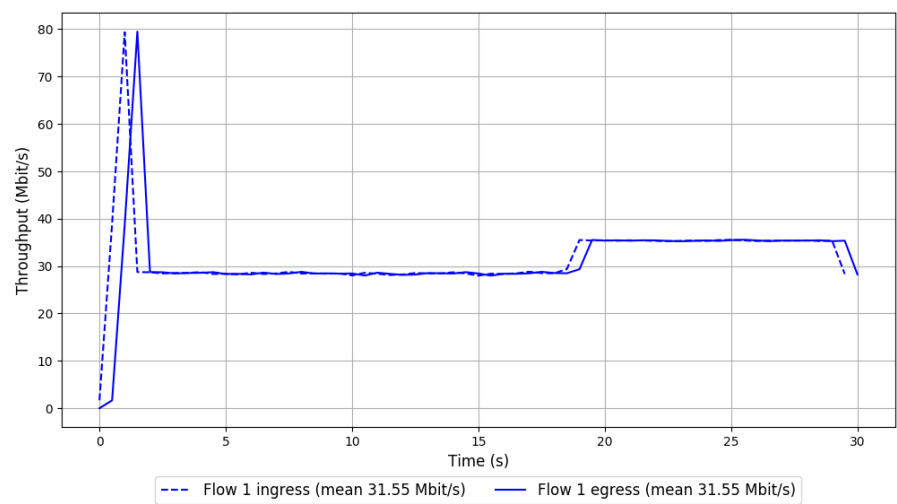


Run 4: Statistics of PCC-Vivace

Start at: 2018-05-25 02:18:18
End at: 2018-05-25 02:18:48
Local clock offset: -5.728 ms
Remote clock offset: -5.469 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 0.930 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 0.930 ms
Loss rate: 0.01%

Run 4: Report of PCC-Vivace — Data Link

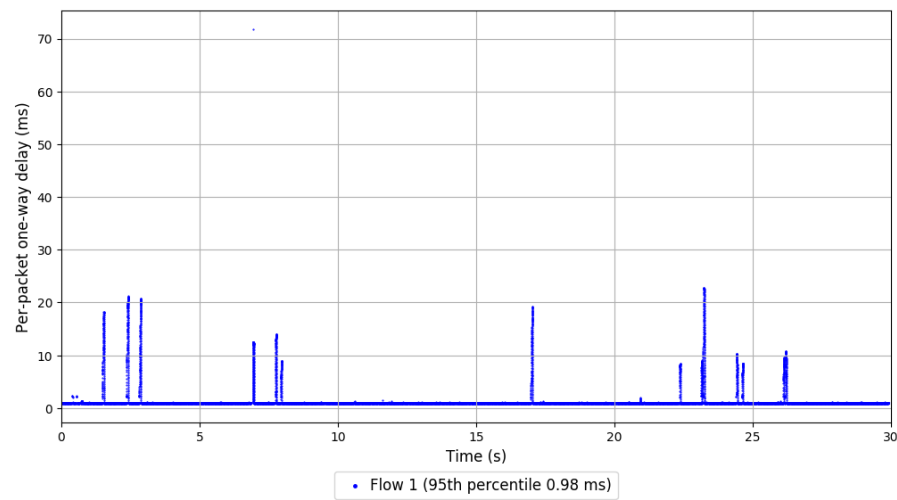
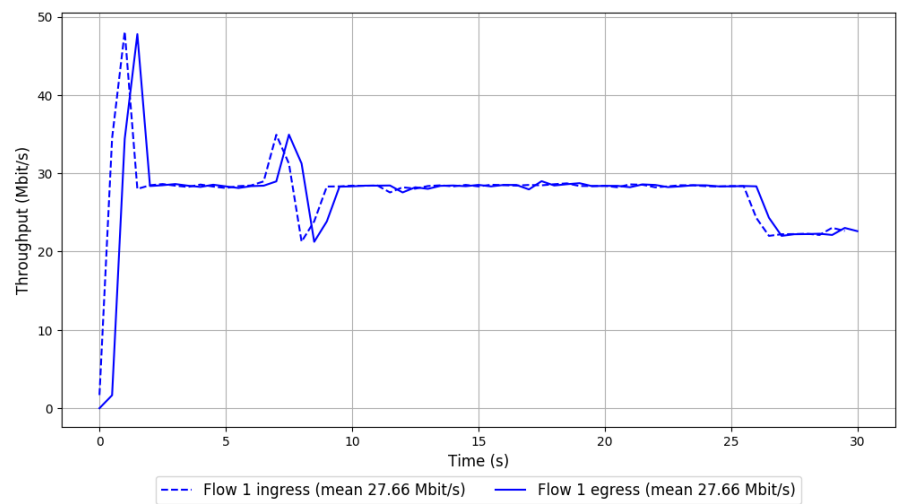


Run 5: Statistics of PCC-Vivace

Start at: 2018-05-25 02:36:01
End at: 2018-05-25 02:36:31
Local clock offset: -5.779 ms
Remote clock offset: -6.462 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.66 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 27.66 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.01%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-05-25 02:53:38

End at: 2018-05-25 02:54:08

Local clock offset: -5.879 ms

Remote clock offset: -6.647 ms

Below is generated by plot.py at 2018-05-25 04:38:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.74 Mbit/s

95th percentile per-packet one-way delay: 0.940 ms

Loss rate: 0.01%

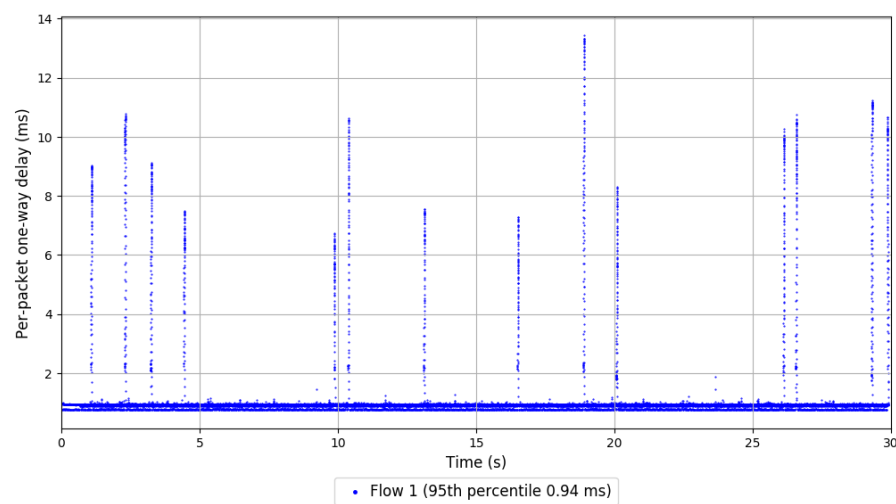
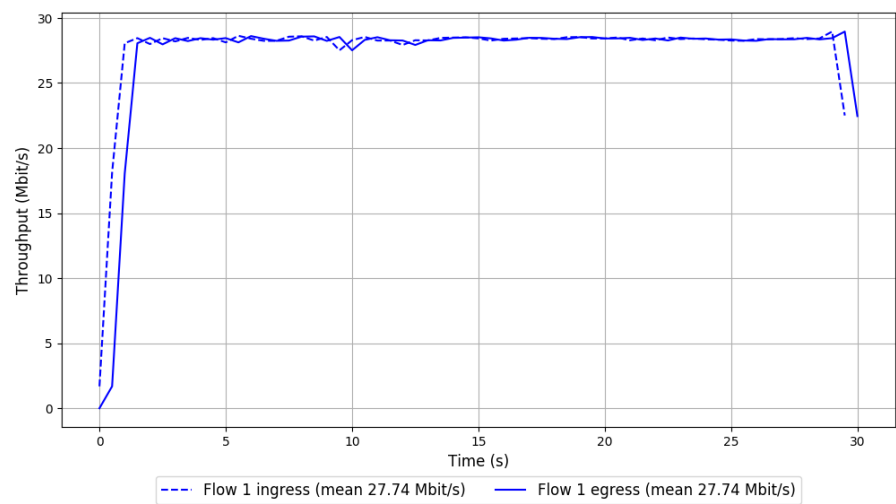
-- Flow 1:

Average throughput: 27.74 Mbit/s

95th percentile per-packet one-way delay: 0.940 ms

Loss rate: 0.01%

Run 6: Report of PCC-Vivace — Data Link

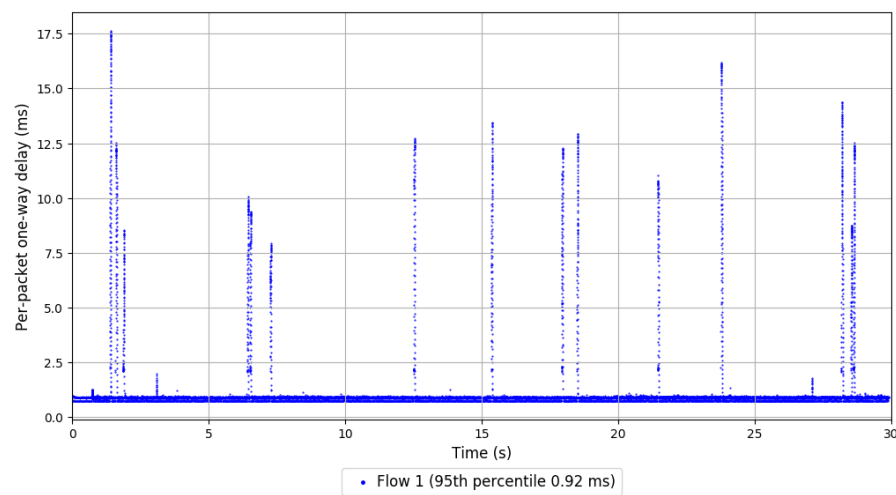
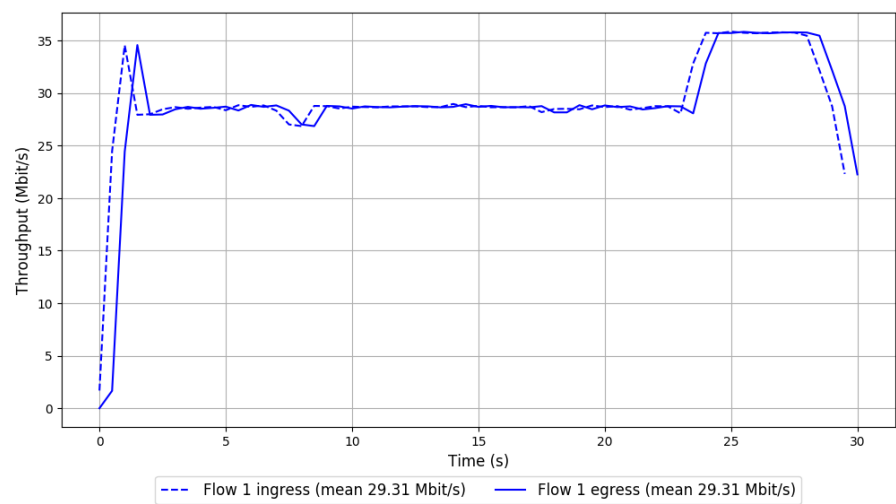


Run 7: Statistics of PCC-Vivace

Start at: 2018-05-25 03:11:16
End at: 2018-05-25 03:11:46
Local clock offset: -5.944 ms
Remote clock offset: -6.703 ms

Below is generated by plot.py at 2018-05-25 04:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.01%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-05-25 03:28:54

End at: 2018-05-25 03:29:25

Local clock offset: -5.896 ms

Remote clock offset: -4.772 ms

Below is generated by plot.py at 2018-05-25 04:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.71 Mbit/s

95th percentile per-packet one-way delay: 6.295 ms

Loss rate: 0.01%

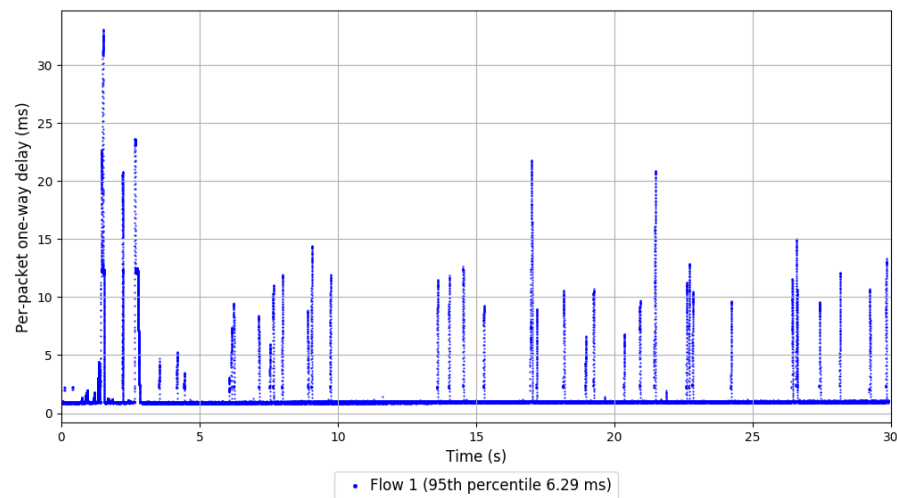
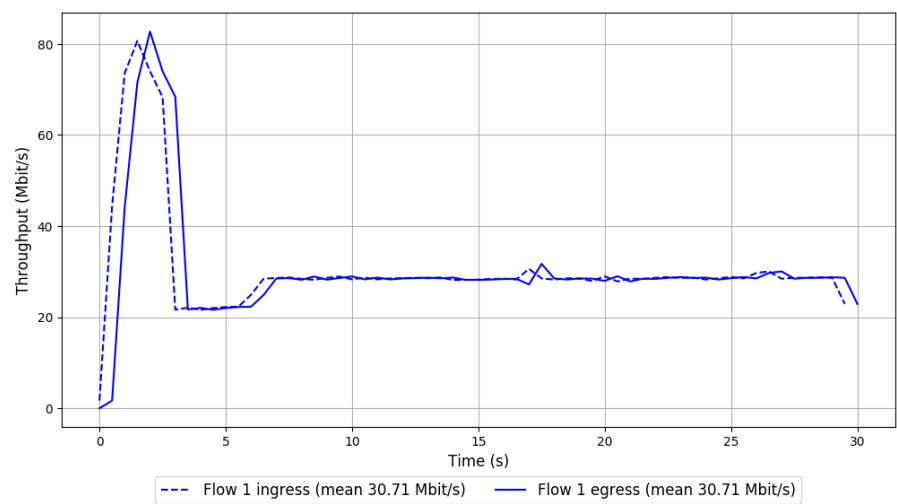
-- Flow 1:

Average throughput: 30.71 Mbit/s

95th percentile per-packet one-way delay: 6.295 ms

Loss rate: 0.01%

Run 8: Report of PCC-Vivace — Data Link

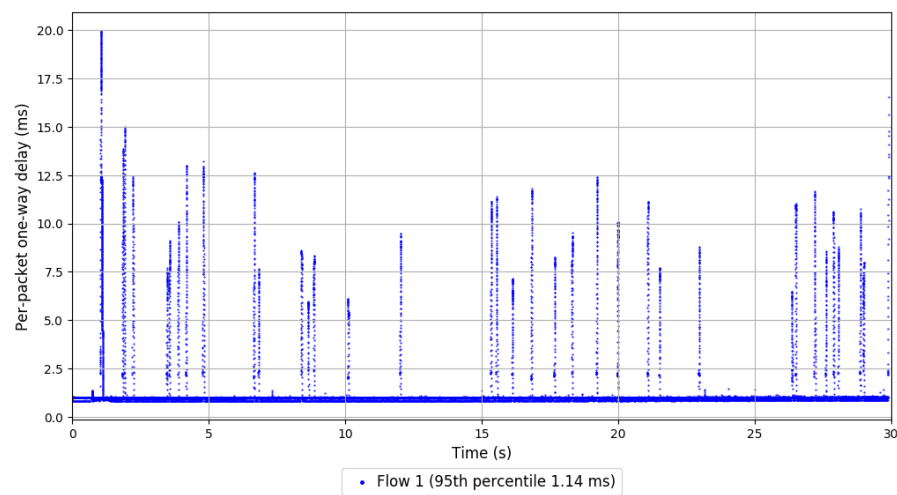
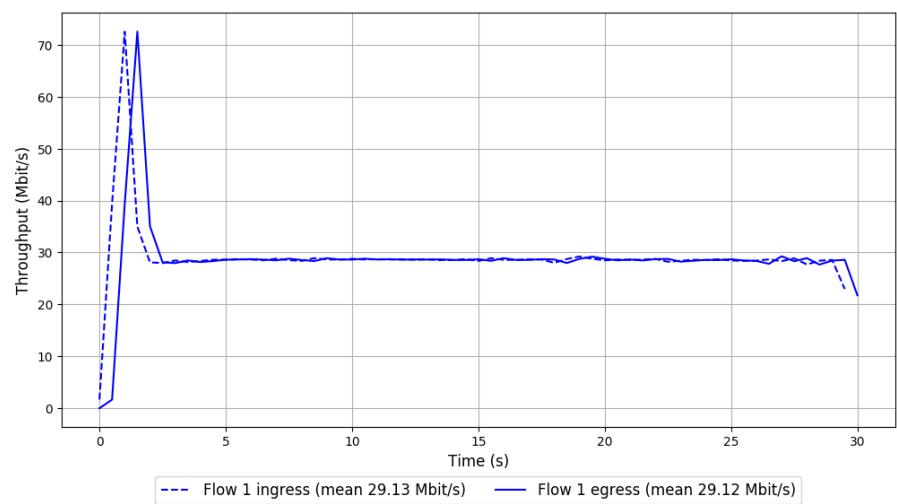


Run 9: Statistics of PCC-Vivace

Start at: 2018-05-25 03:46:26
End at: 2018-05-25 03:46:56
Local clock offset: -5.814 ms
Remote clock offset: -2.592 ms

Below is generated by plot.py at 2018-05-25 04:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 1.138 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 1.138 ms
Loss rate: 0.07%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-05-25 04:04:03

End at: 2018-05-25 04:04:33

Local clock offset: -5.768 ms

Remote clock offset: -2.31 ms

Below is generated by plot.py at 2018-05-25 04:38:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.32 Mbit/s

95th percentile per-packet one-way delay: 12.306 ms

Loss rate: 0.10%

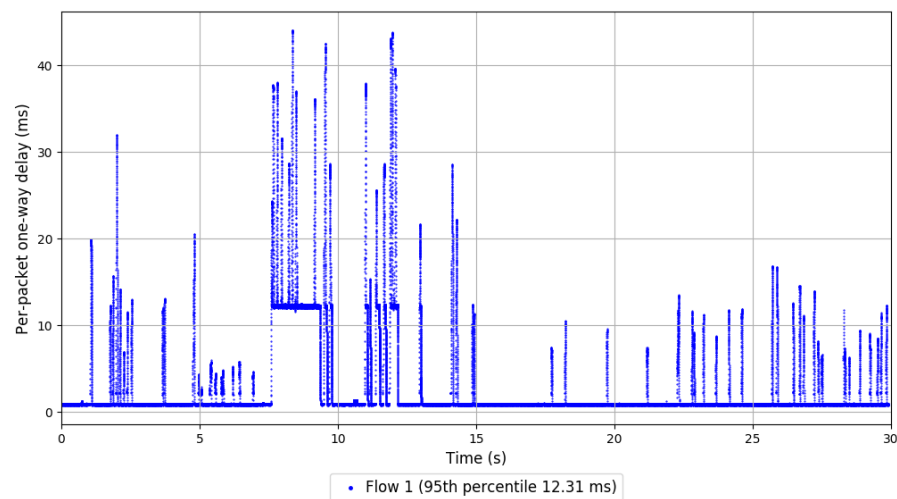
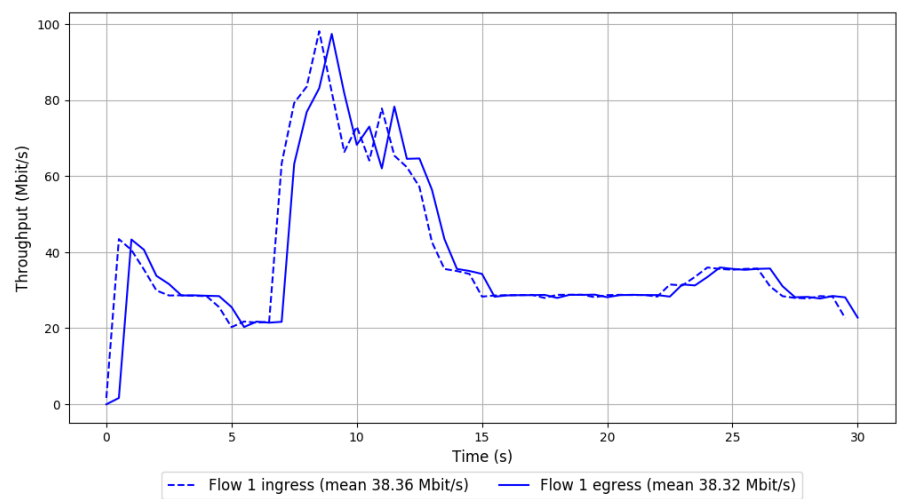
-- Flow 1:

Average throughput: 38.32 Mbit/s

95th percentile per-packet one-way delay: 12.306 ms

Loss rate: 0.10%

Run 10: Report of PCC-Vivace — Data Link

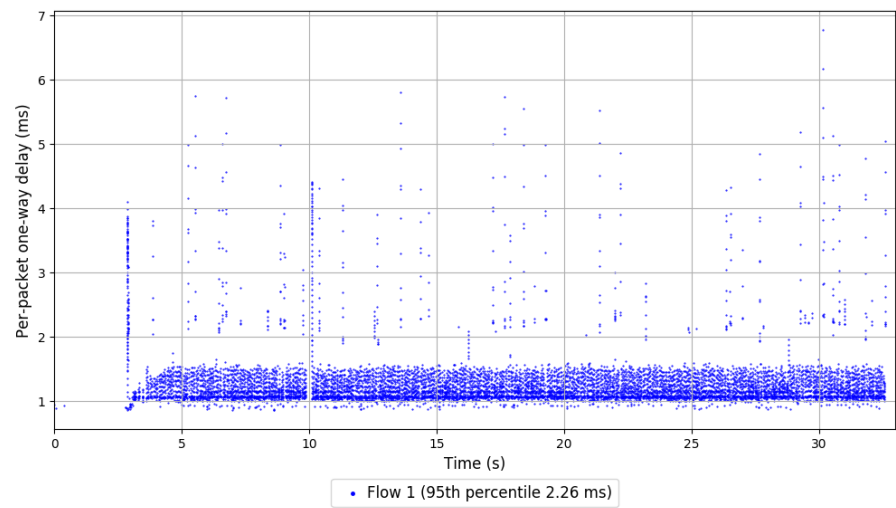
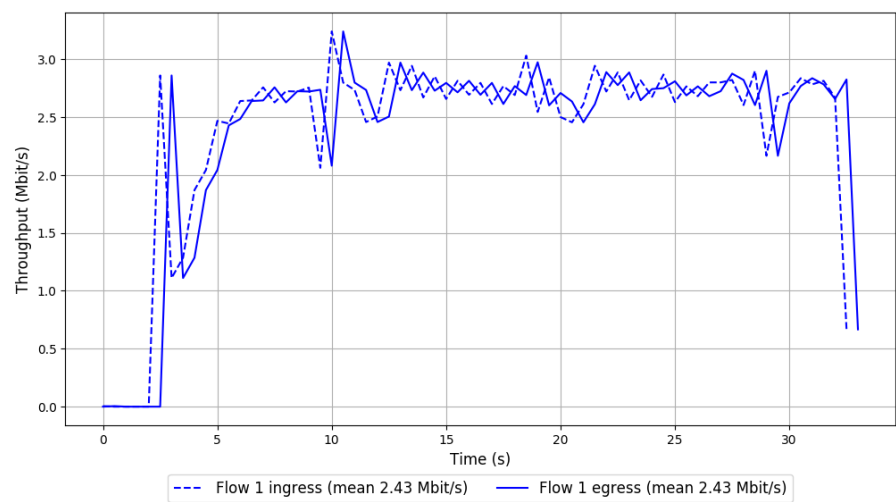


Run 1: Statistics of WebRTC media

Start at: 2018-05-25 01:37:29
End at: 2018-05-25 01:37:59
Local clock offset: -5.746 ms
Remote clock offset: -6.161 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

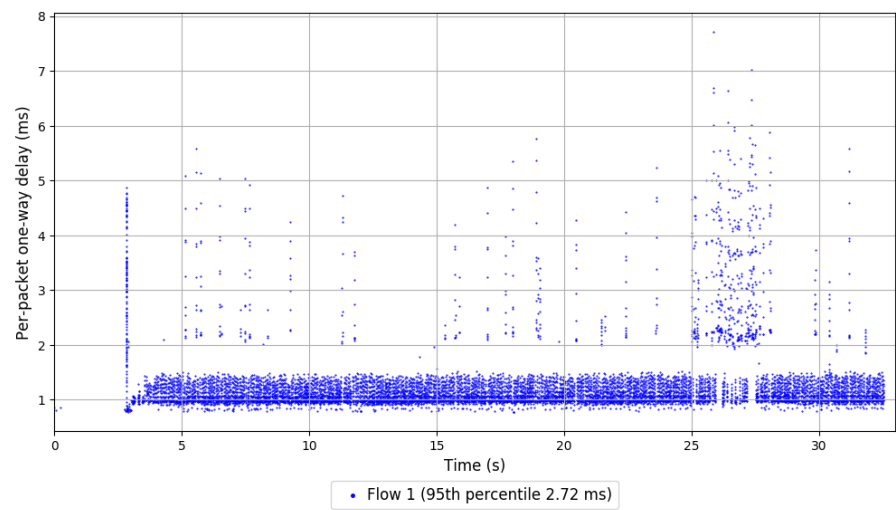
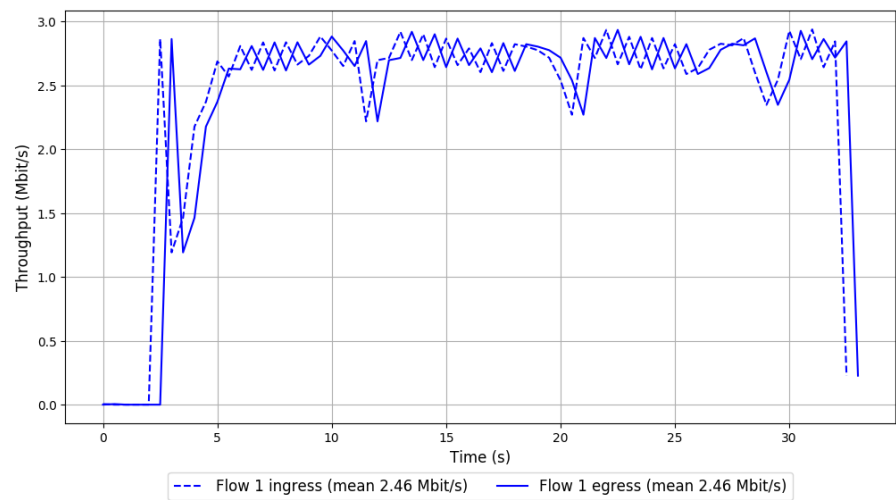


Run 2: Statistics of WebRTC media

Start at: 2018-05-25 01:55:05
End at: 2018-05-25 01:55:35
Local clock offset: -5.661 ms
Remote clock offset: -5.325 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 2.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 2.723 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

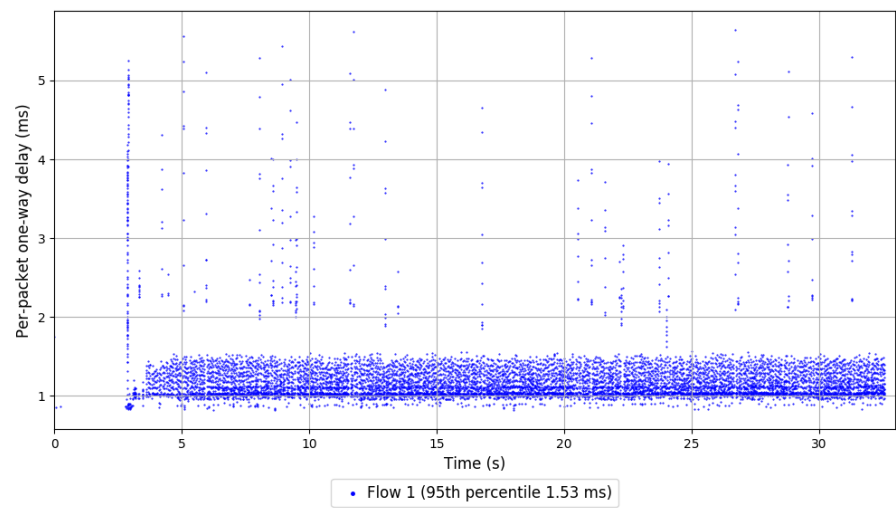
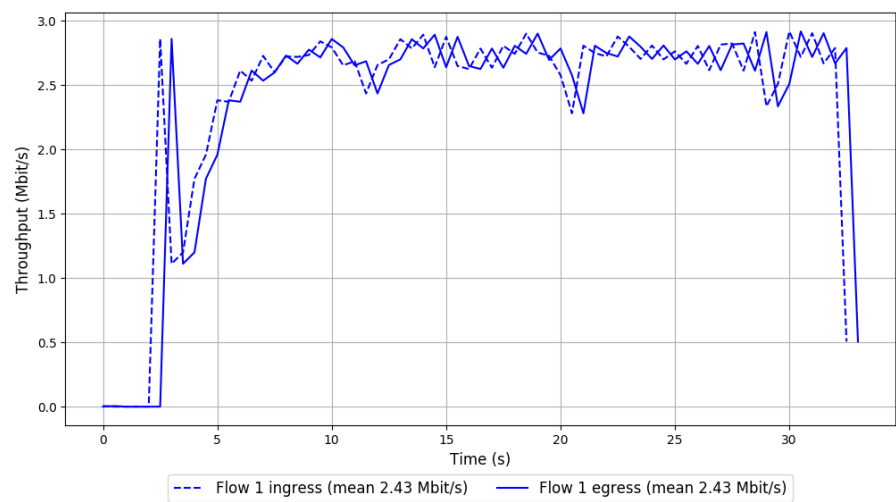


Run 3: Statistics of WebRTC media

Start at: 2018-05-25 02:12:46
End at: 2018-05-25 02:13:16
Local clock offset: -5.776 ms
Remote clock offset: -4.968 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.532 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

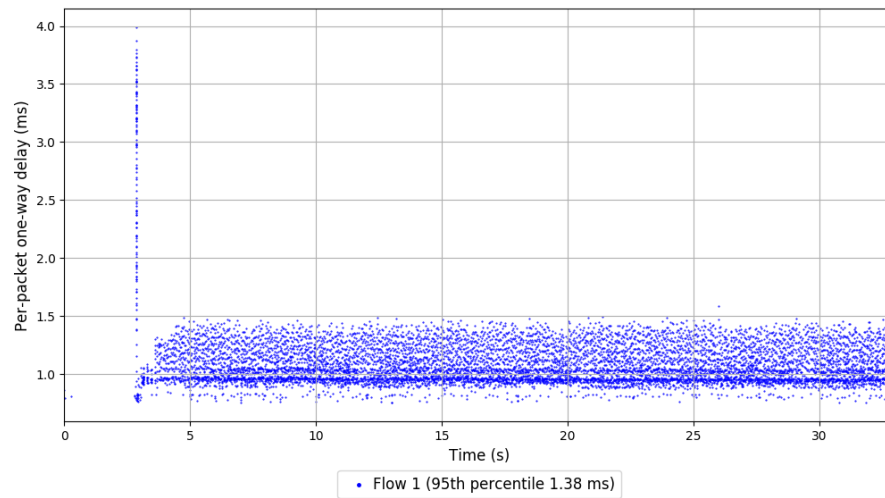
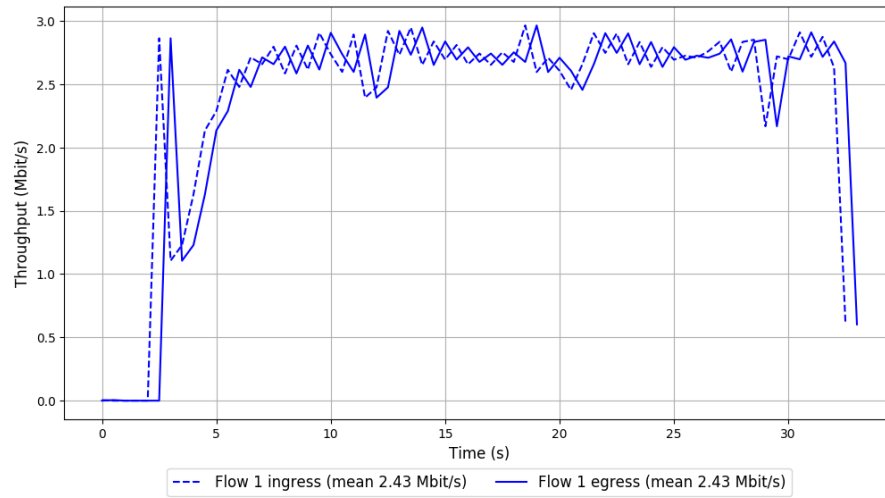


Run 4: Statistics of WebRTC media

Start at: 2018-05-25 02:30:28
End at: 2018-05-25 02:30:58
Local clock offset: -5.756 ms
Remote clock offset: -6.283 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

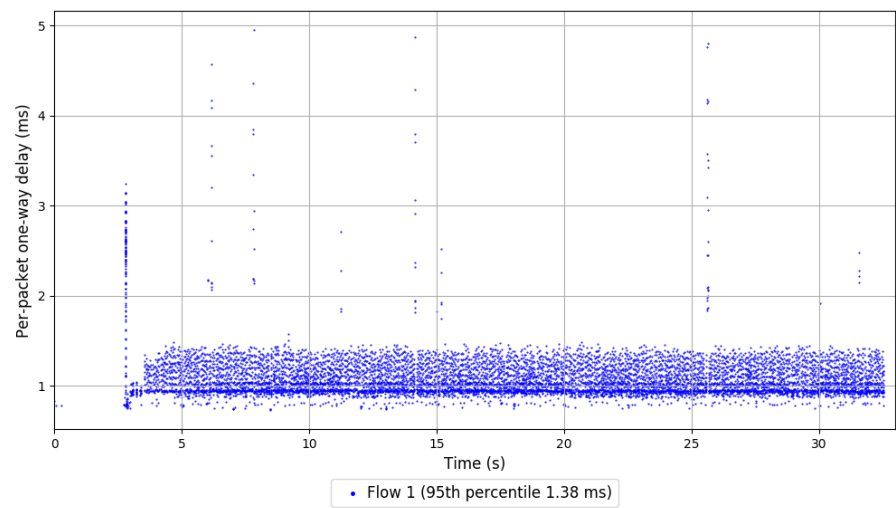
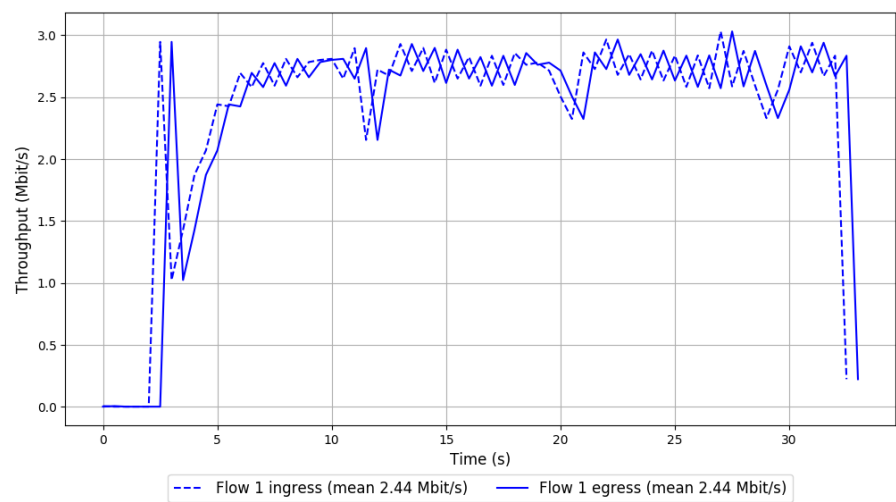


Run 5: Statistics of WebRTC media

Start at: 2018-05-25 02:48:06
End at: 2018-05-25 02:48:36
Local clock offset: -5.879 ms
Remote clock offset: -6.601 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 1.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 1.375 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

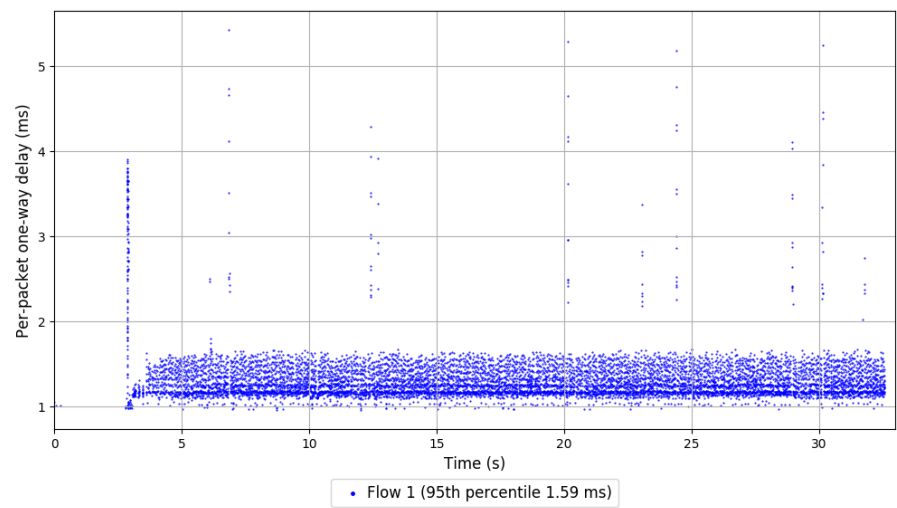
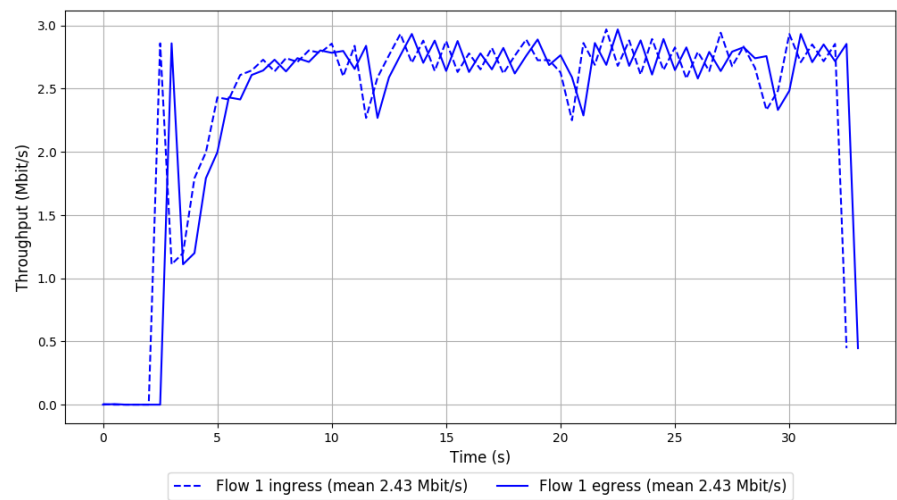


Run 6: Statistics of WebRTC media

Start at: 2018-05-25 03:05:44
End at: 2018-05-25 03:06:14
Local clock offset: -5.858 ms
Remote clock offset: -6.825 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 1.589 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-05-25 03:23:23

End at: 2018-05-25 03:23:53

Local clock offset: -6.003 ms

Remote clock offset: -6.54 ms

Below is generated by plot.py at 2018-05-25 04:38:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 0.00%

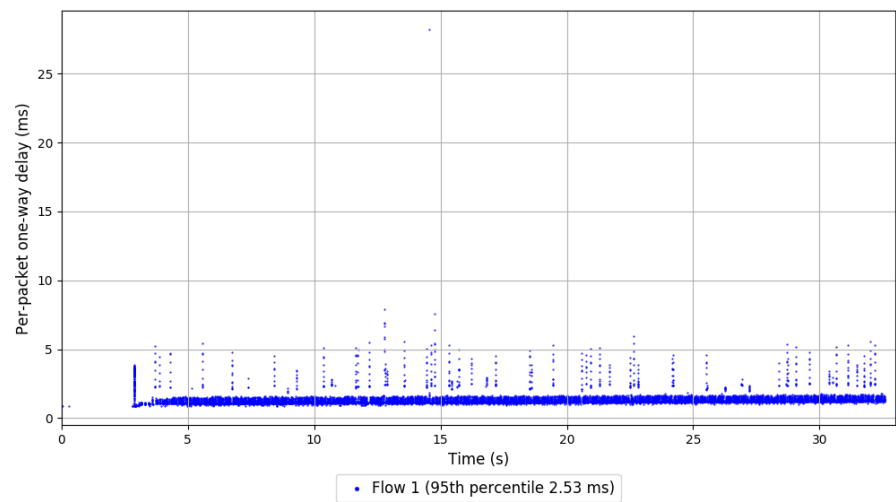
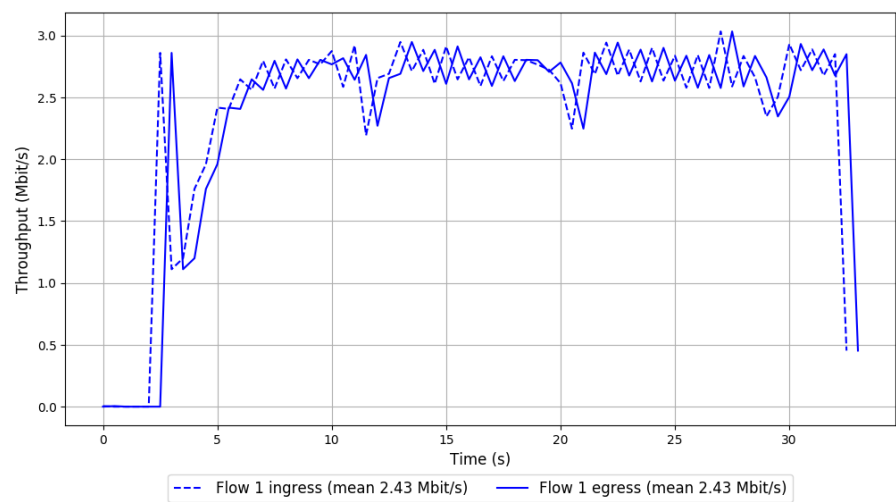
-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

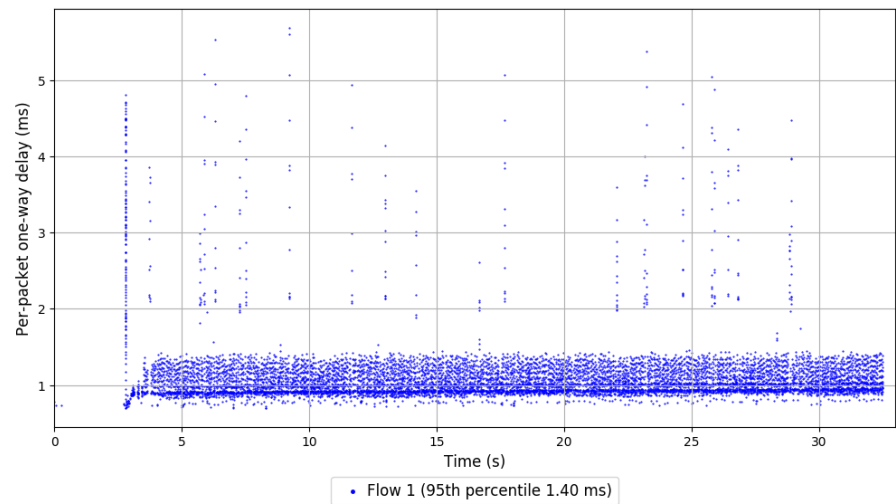
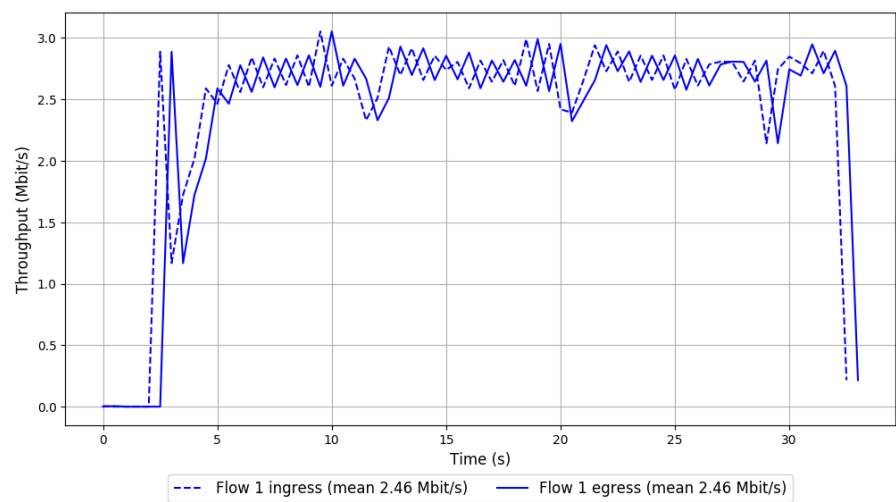


Run 8: Statistics of WebRTC media

Start at: 2018-05-25 03:40:54
End at: 2018-05-25 03:41:24
Local clock offset: -5.911 ms
Remote clock offset: -3.004 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 1.404 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 1.404 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

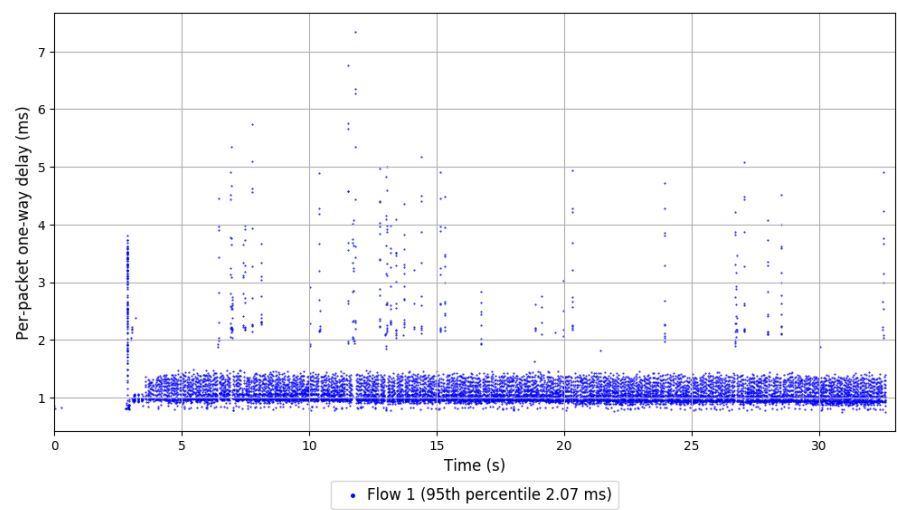
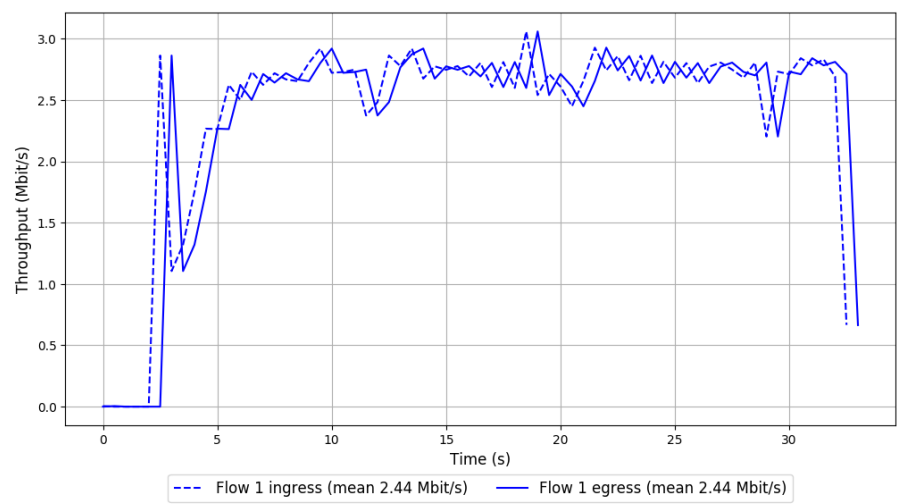


Run 9: Statistics of WebRTC media

Start at: 2018-05-25 03:58:31
End at: 2018-05-25 03:59:01
Local clock offset: -5.765 ms
Remote clock offset: -2.048 ms

Below is generated by plot.py at 2018-05-25 04:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.071 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-25 04:16:08

End at: 2018-05-25 04:16:38

Local clock offset: -5.727 ms

Remote clock offset: -2.355 ms

Below is generated by plot.py at 2018-05-25 04:38:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 1.379 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 1.379 ms

Loss rate: 0.04%

Run 10: Report of WebRTC media — Data Link

