

Pantheon Report

Generated at 2018-07-24 12:22:45 (UTC).

Data path: AWS India 2 Ethernet (*local*) → Saudi Arabia Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

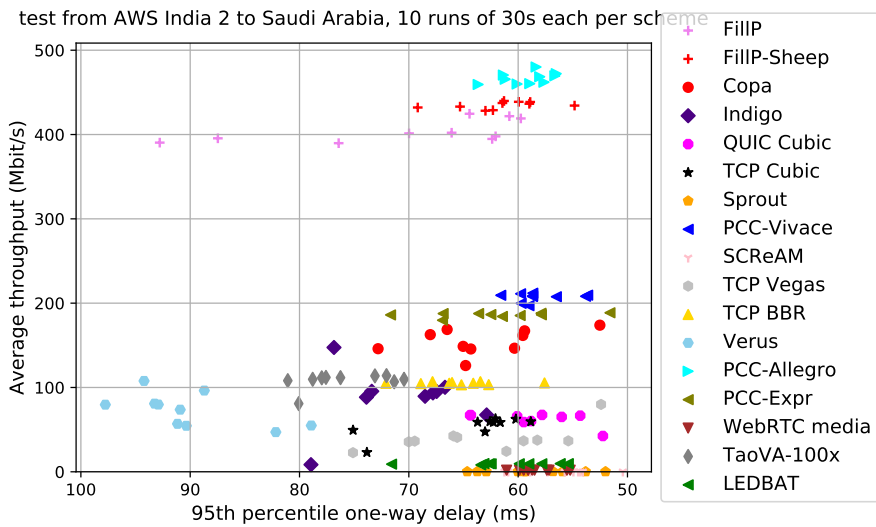
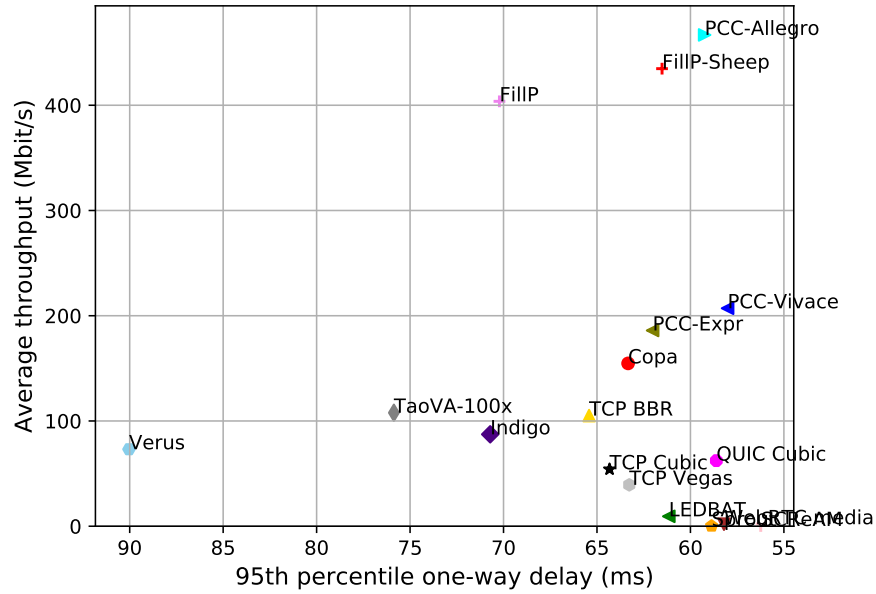
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `nets.org.sg` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS India 2 to Saudi Arabia, 10 runs of 30s each per scheme
(mean of all runs by scheme)



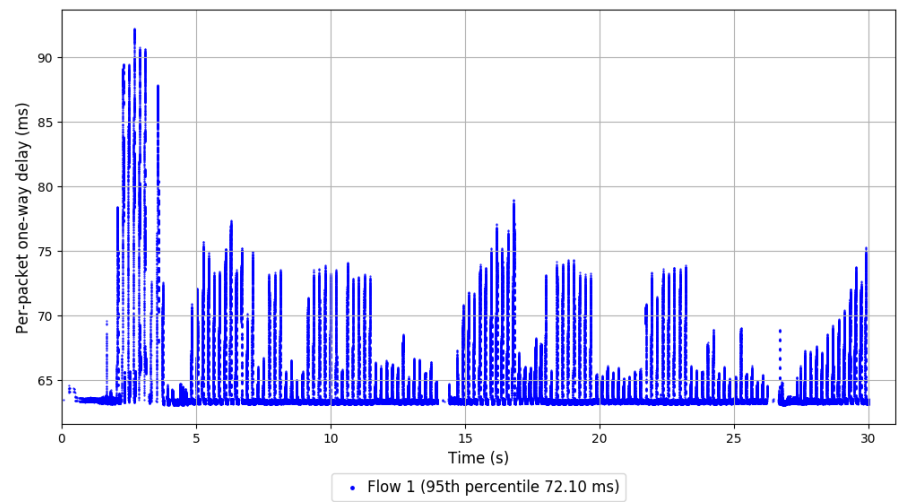
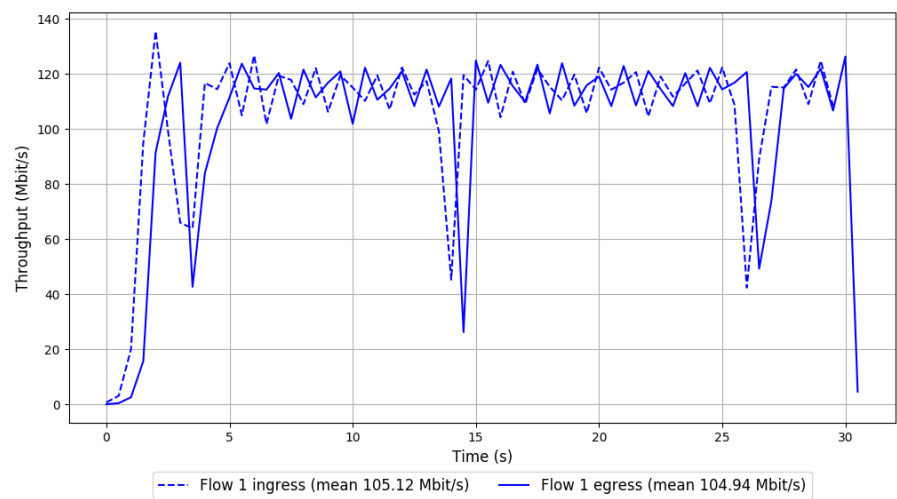
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	105.13	65.42	0.07
Copa	10	154.72	63.34	5.82
TCP Cubic	10	54.09	64.33	1.34
FillP	10	403.72	70.22	19.15
FillP-Sheep	10	434.77	61.52	10.12
Indigo	9	87.32	70.71	0.18
LEDBAT	10	9.40	61.16	0.00
PCC-Allegro	10	466.82	59.24	3.54
PCC-Expr	10	186.00	62.02	2.64
QUIC Cubic	9	62.33	58.61	0.00
SCReAM	10	0.22	56.24	0.00
Sprout	10	0.28	58.87	0.00
TaoVA-100x	10	107.80	75.87	2.33
TCP Vegas	10	39.30	63.27	1.10
Verus	10	73.14	90.04	54.90
PCC-Vivace	10	207.09	58.01	0.93
WebRTC media	10	1.91	58.21	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-07-24 06:55:10
End at: 2018-07-24 06:55:40
Local clock offset: -0.018 ms
Remote clock offset: -32.218 ms

Below is generated by plot.py at 2018-07-24 11:39:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 104.94 Mbit/s
95th percentile per-packet one-way delay: 72.099 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 104.94 Mbit/s
95th percentile per-packet one-way delay: 72.099 ms
Loss rate: 0.17%

Run 1: Report of TCP BBR — Data Link

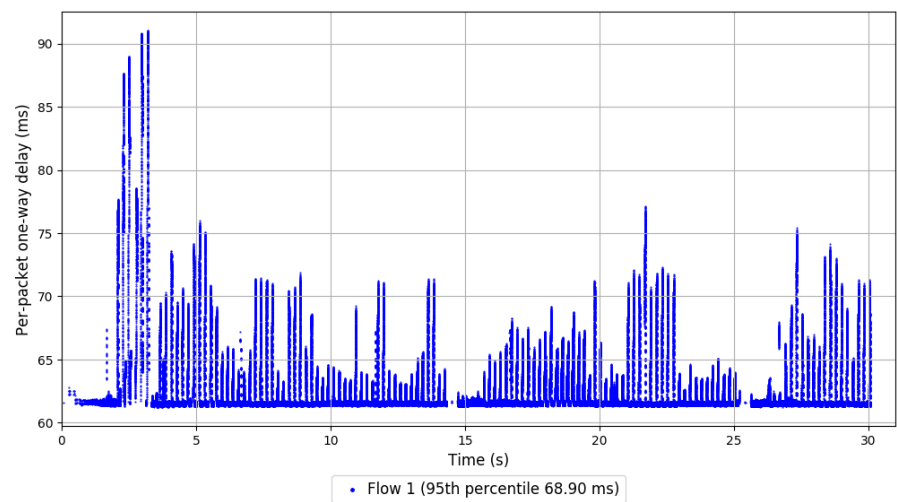
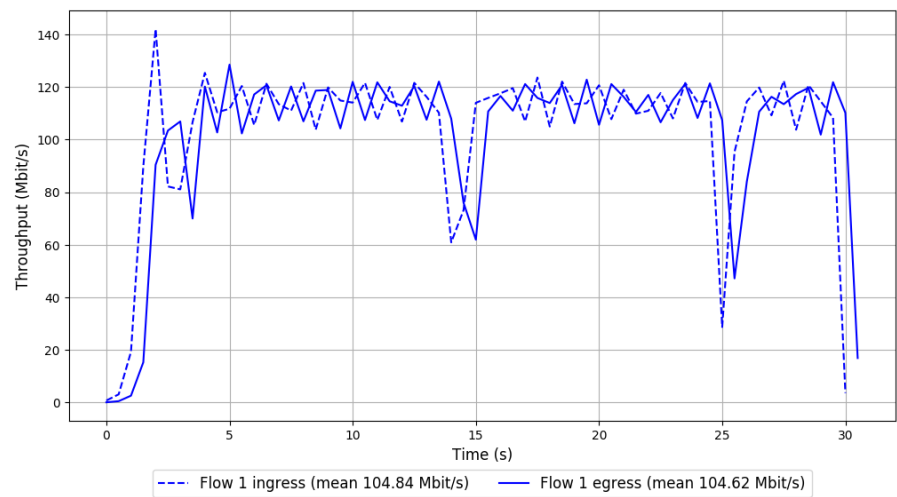


Run 2: Statistics of TCP BBR

Start at: 2018-07-24 07:22:59
End at: 2018-07-24 07:23:29
Local clock offset: -1.545 ms
Remote clock offset: -34.994 ms

Below is generated by plot.py at 2018-07-24 11:40:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 104.62 Mbit/s
95th percentile per-packet one-way delay: 68.901 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 104.62 Mbit/s
95th percentile per-packet one-way delay: 68.901 ms
Loss rate: 0.21%

Run 2: Report of TCP BBR — Data Link

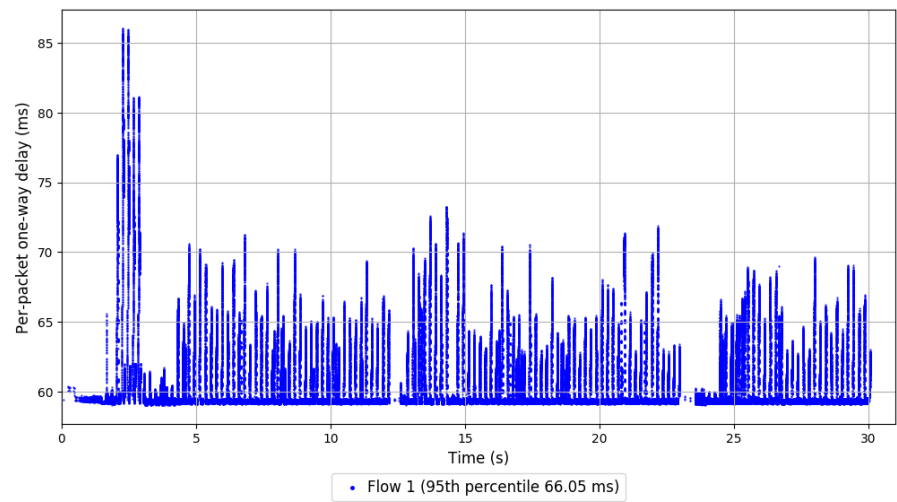
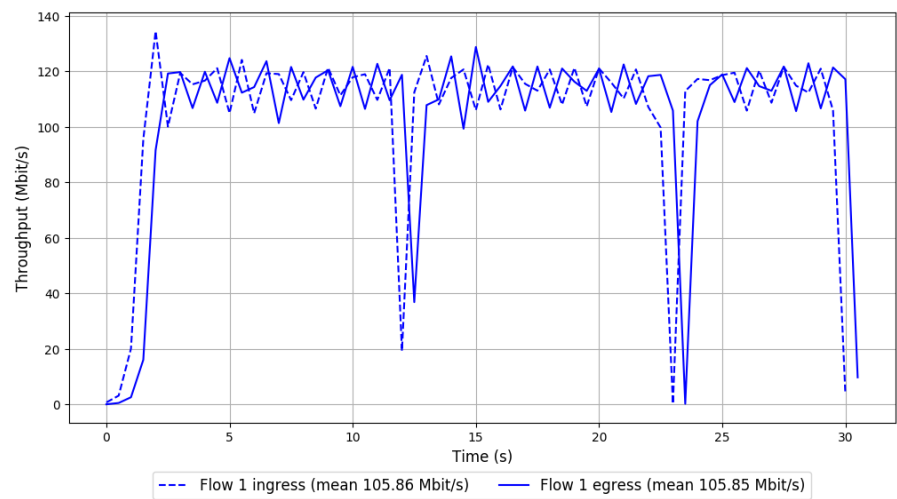


Run 3: Statistics of TCP BBR

Start at: 2018-07-24 08:05:45
End at: 2018-07-24 08:06:15
Local clock offset: 0.255 ms
Remote clock offset: -34.822 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.85 Mbit/s
95th percentile per-packet one-way delay: 66.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.85 Mbit/s
95th percentile per-packet one-way delay: 66.048 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

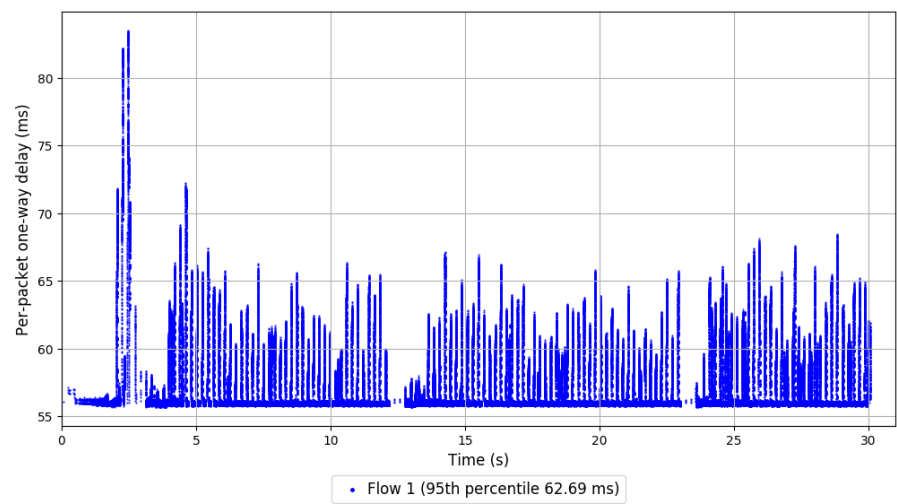
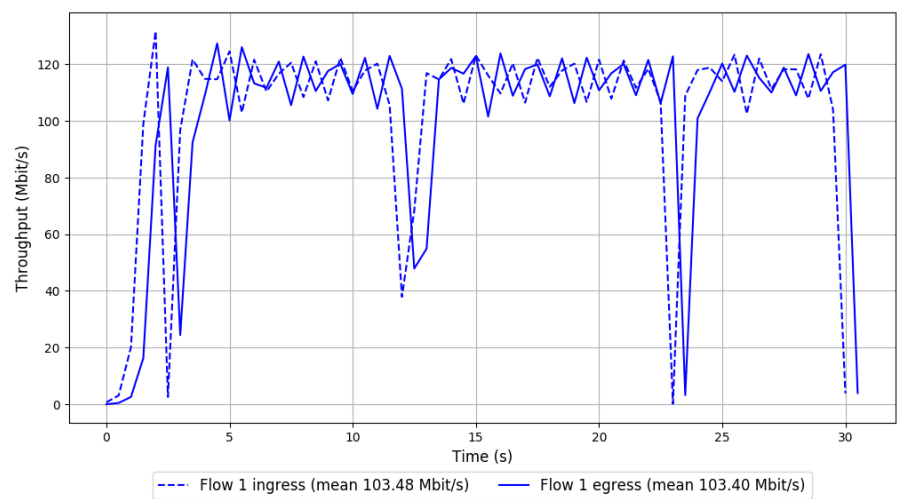


Run 4: Statistics of TCP BBR

Start at: 2018-07-24 08:33:39
End at: 2018-07-24 08:34:09
Local clock offset: -1.535 ms
Remote clock offset: -39.551 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.40 Mbit/s
95th percentile per-packet one-way delay: 62.694 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 103.40 Mbit/s
95th percentile per-packet one-way delay: 62.694 ms
Loss rate: 0.07%

Run 4: Report of TCP BBR — Data Link

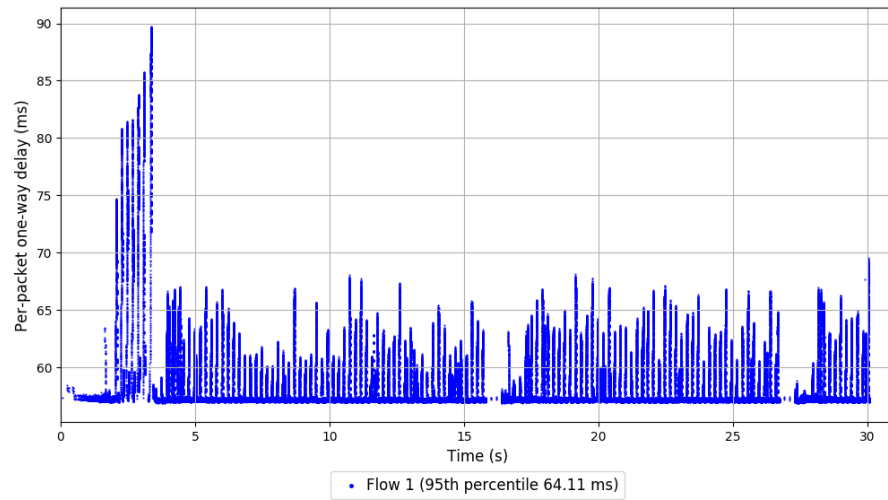
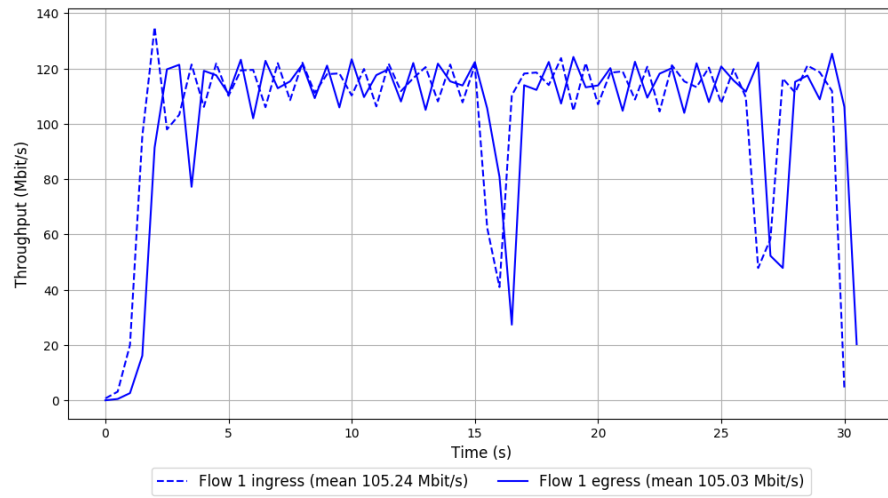


Run 5: Statistics of TCP BBR

Start at: 2018-07-24 09:06:19
End at: 2018-07-24 09:06:49
Local clock offset: -0.855 ms
Remote clock offset: -37.533 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 64.106 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 64.106 ms
Loss rate: 0.20%

Run 5: Report of TCP BBR — Data Link

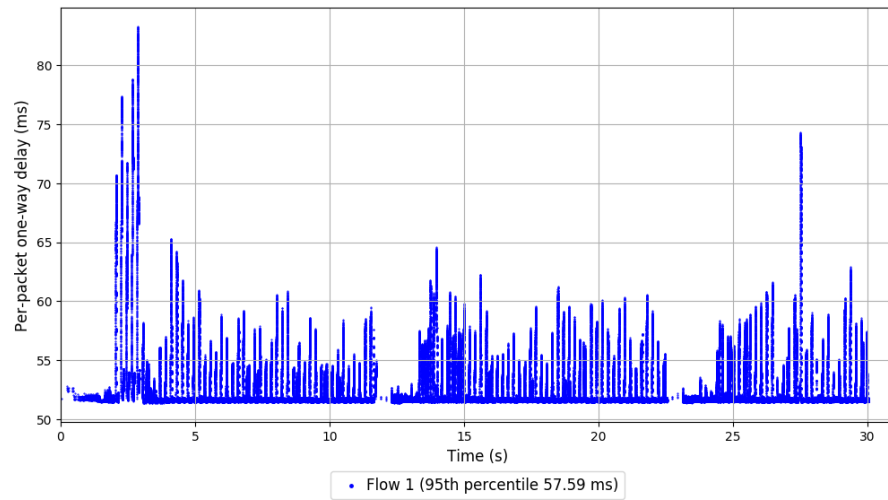
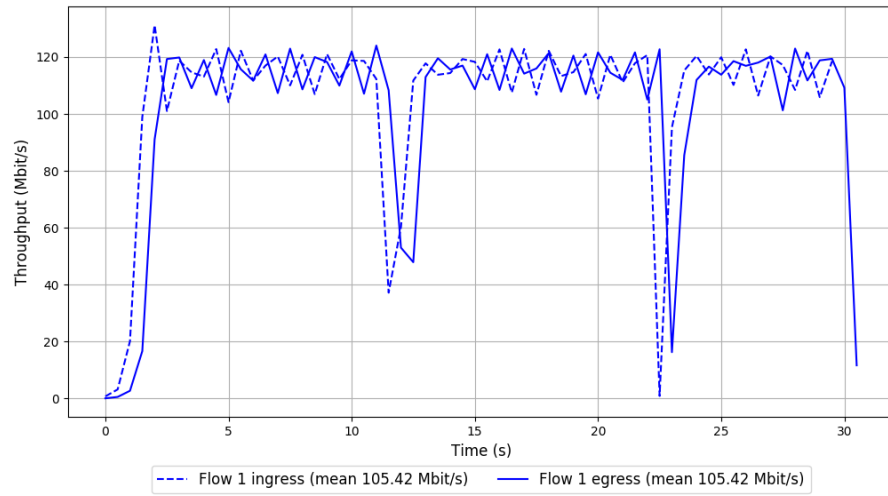


Run 6: Statistics of TCP BBR

Start at: 2018-07-24 09:33:48
End at: 2018-07-24 09:34:18
Local clock offset: 3.333 ms
Remote clock offset: -38.528 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.42 Mbit/s
95th percentile per-packet one-way delay: 57.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.42 Mbit/s
95th percentile per-packet one-way delay: 57.588 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

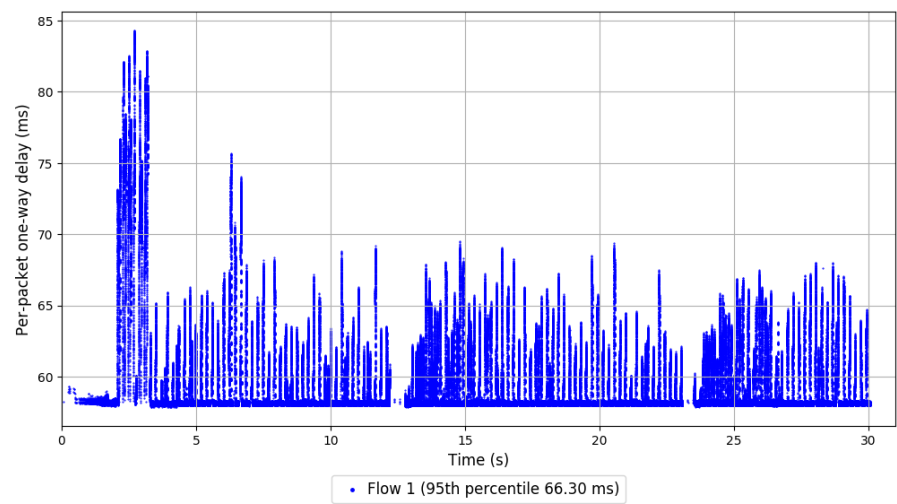
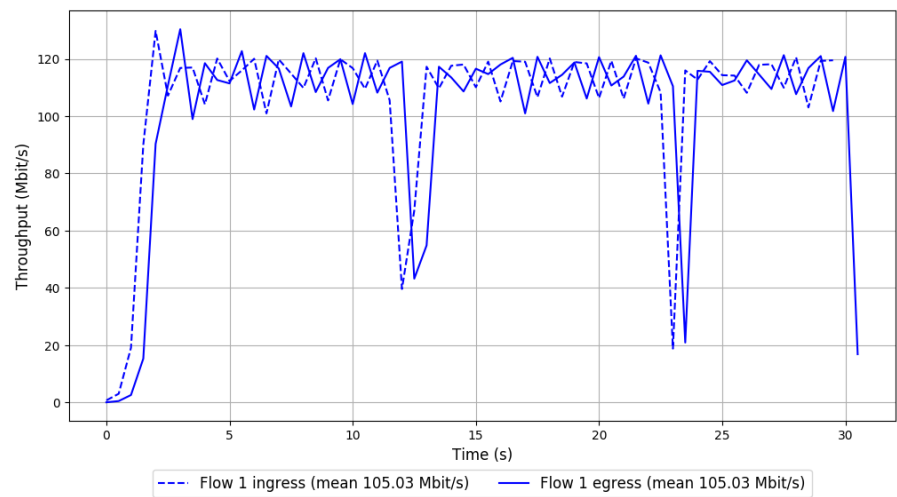


Run 7: Statistics of TCP BBR

Start at: 2018-07-24 09:55:55
End at: 2018-07-24 09:56:25
Local clock offset: -0.266 ms
Remote clock offset: -36.248 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 66.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 66.301 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

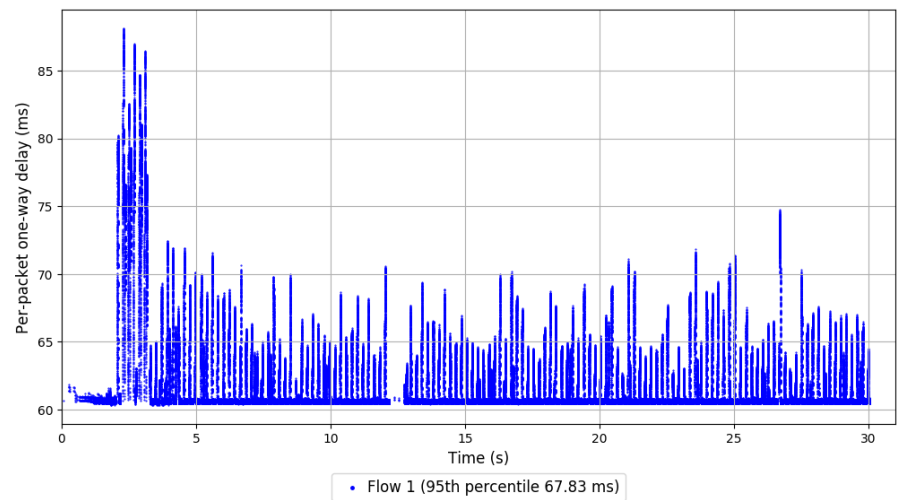
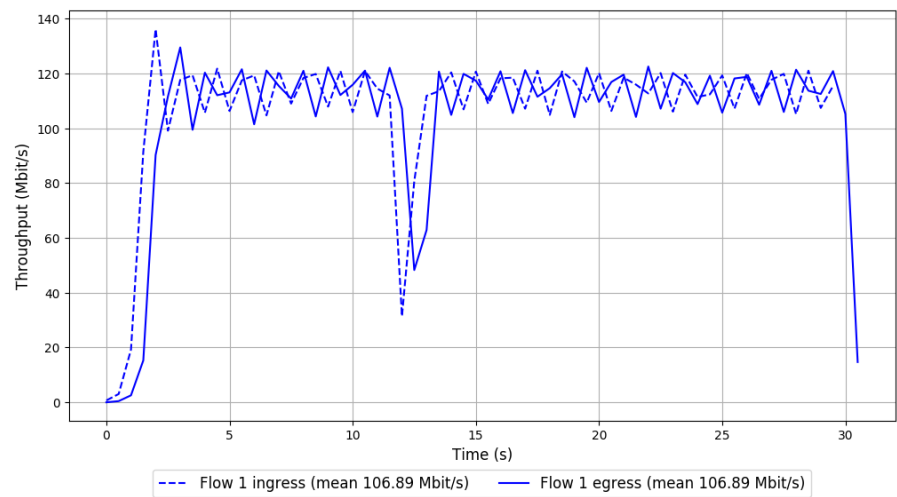


Run 8: Statistics of TCP BBR

Start at: 2018-07-24 10:18:03
End at: 2018-07-24 10:18:33
Local clock offset: -1.651 ms
Remote clock offset: -34.68 ms

Below is generated by plot.py at 2018-07-24 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.89 Mbit/s
95th percentile per-packet one-way delay: 67.833 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.89 Mbit/s
95th percentile per-packet one-way delay: 67.833 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

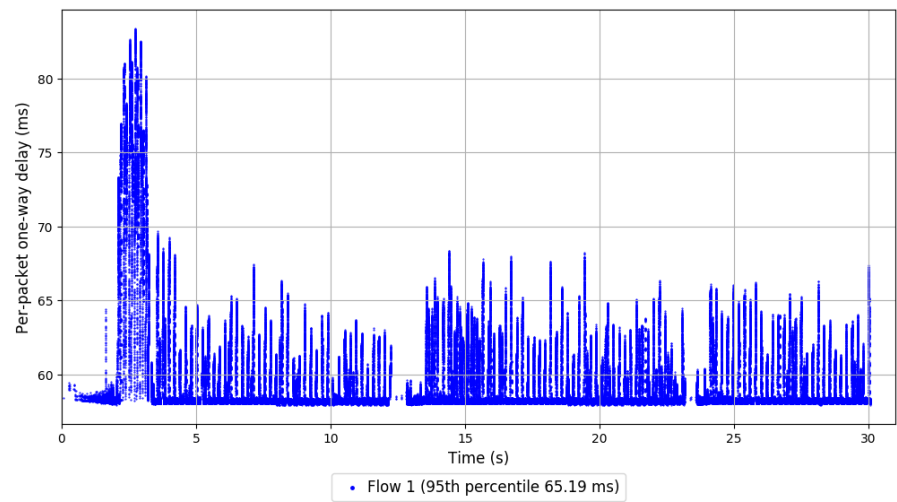
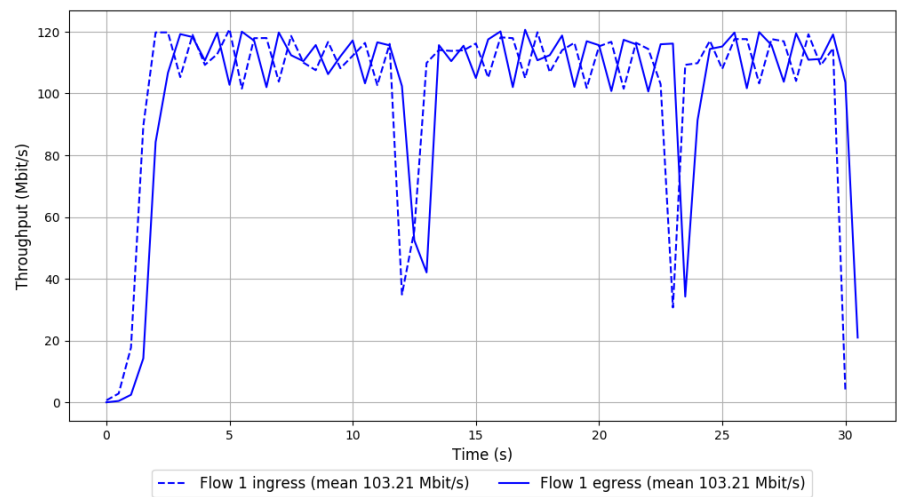


Run 9: Statistics of TCP BBR

Start at: 2018-07-24 10:40:08
End at: 2018-07-24 10:40:38
Local clock offset: -1.333 ms
Remote clock offset: -39.722 ms

Below is generated by plot.py at 2018-07-24 11:40:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.21 Mbit/s
95th percentile per-packet one-way delay: 65.188 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 103.21 Mbit/s
95th percentile per-packet one-way delay: 65.188 ms
Loss rate: 0.01%

Run 9: Report of TCP BBR — Data Link

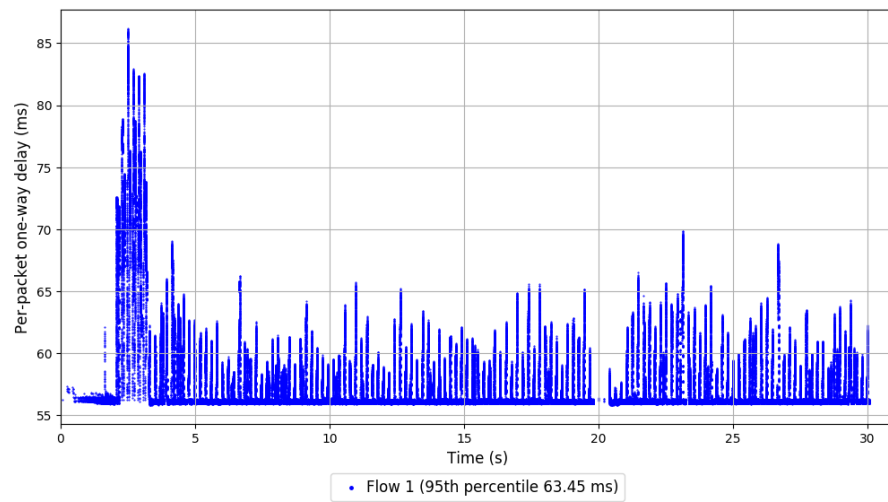
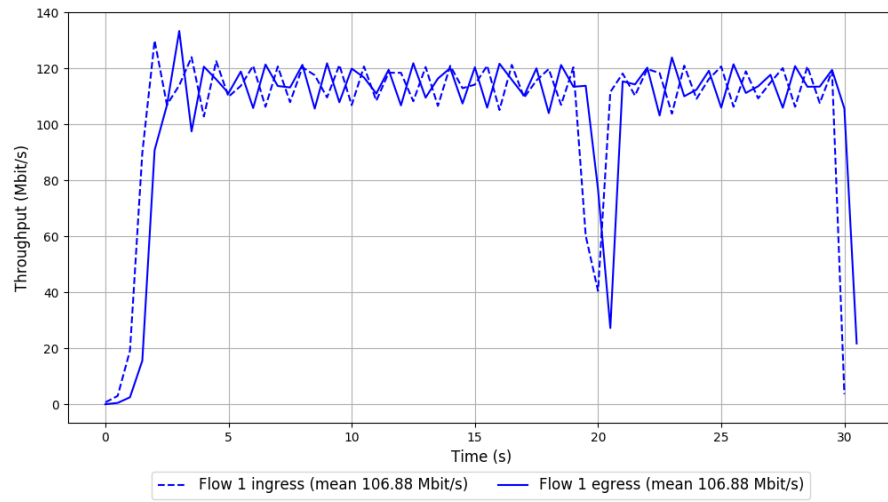


Run 10: Statistics of TCP BBR

Start at: 2018-07-24 11:13:35
End at: 2018-07-24 11:14:05
Local clock offset: 0.699 ms
Remote clock offset: -37.546 ms

Below is generated by plot.py at 2018-07-24 11:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.88 Mbit/s
95th percentile per-packet one-way delay: 63.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.88 Mbit/s
95th percentile per-packet one-way delay: 63.453 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

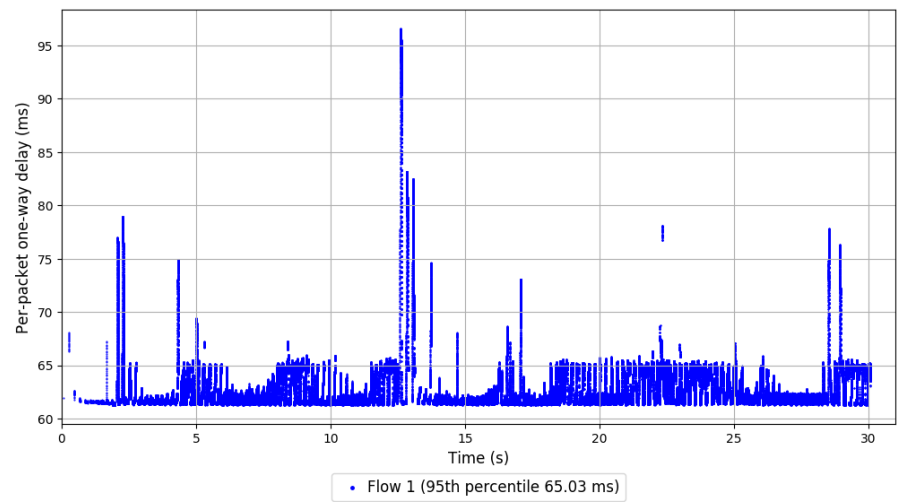
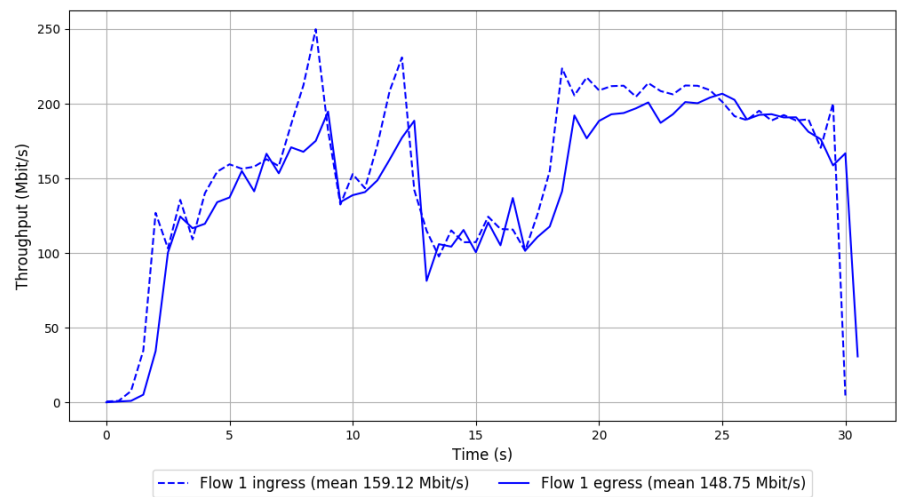


Run 1: Statistics of Copa

Start at: 2018-07-24 06:53:47
End at: 2018-07-24 06:54:17
Local clock offset: 0.684 ms
Remote clock offset: -36.062 ms

Below is generated by plot.py at 2018-07-24 11:43:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 148.75 Mbit/s
95th percentile per-packet one-way delay: 65.030 ms
Loss rate: 6.51%
-- Flow 1:
Average throughput: 148.75 Mbit/s
95th percentile per-packet one-way delay: 65.030 ms
Loss rate: 6.51%

Run 1: Report of Copa — Data Link

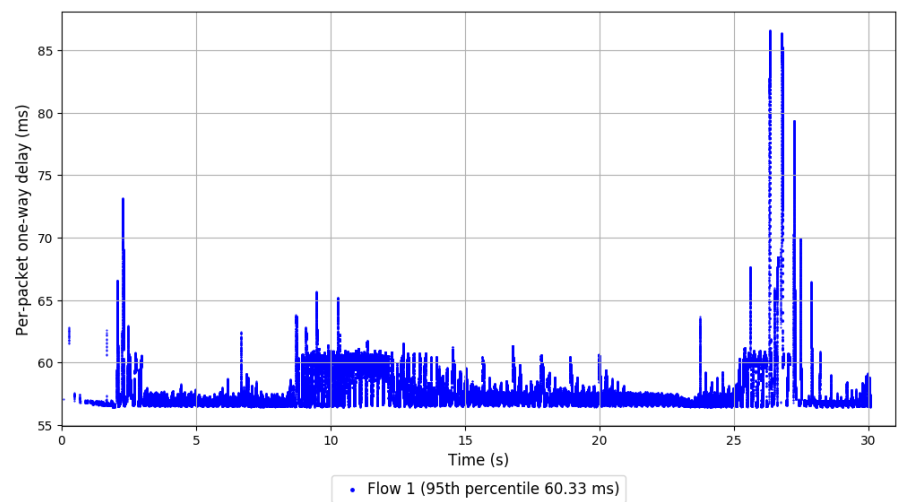
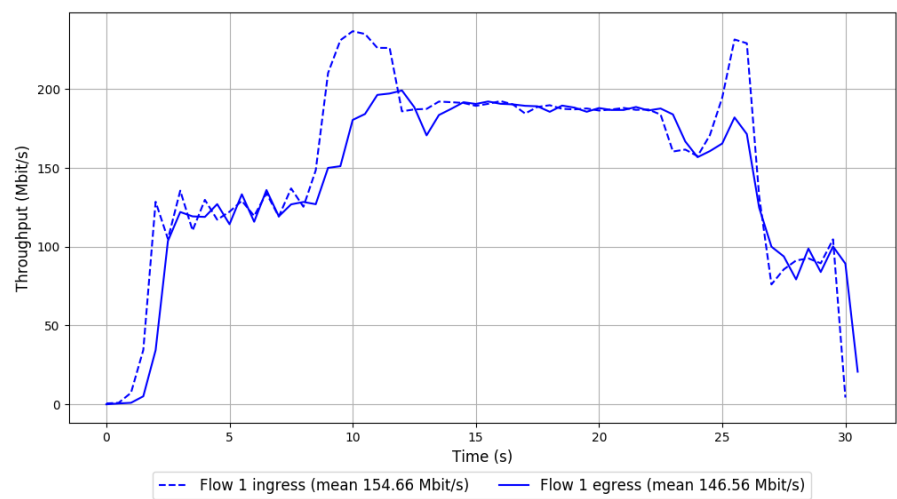


Run 2: Statistics of Copa

Start at: 2018-07-24 07:21:34
End at: 2018-07-24 07:22:04
Local clock offset: 0.095 ms
Remote clock offset: -40.909 ms

Below is generated by plot.py at 2018-07-24 11:43:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 146.56 Mbit/s
95th percentile per-packet one-way delay: 60.331 ms
Loss rate: 5.24%
-- Flow 1:
Average throughput: 146.56 Mbit/s
95th percentile per-packet one-way delay: 60.331 ms
Loss rate: 5.24%

Run 2: Report of Copa — Data Link

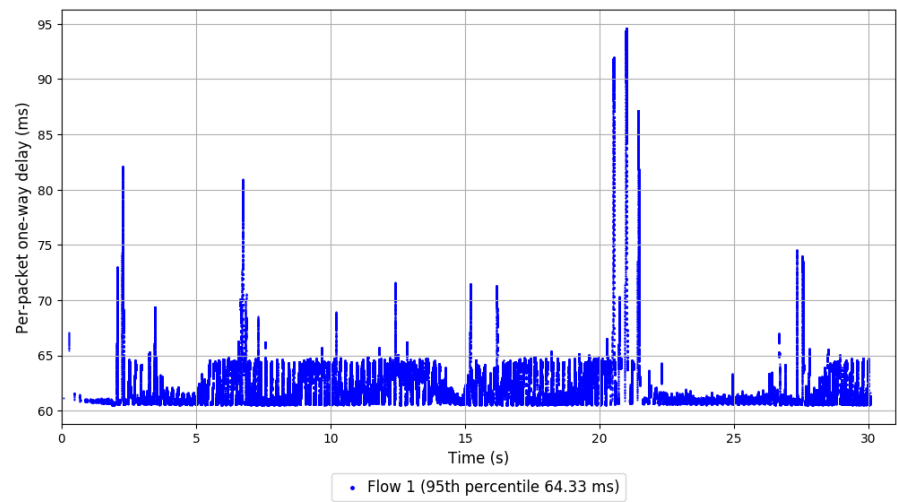
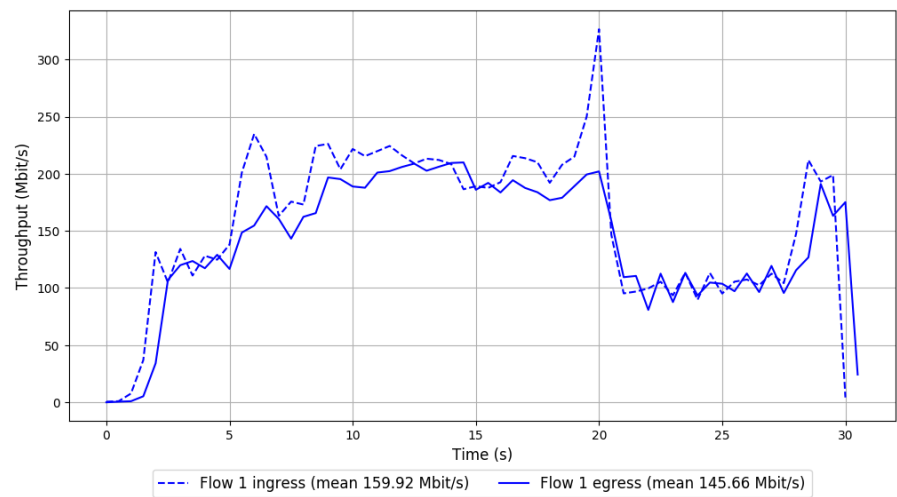


Run 3: Statistics of Copa

Start at: 2018-07-24 07:58:55
End at: 2018-07-24 07:59:25
Local clock offset: 0.753 ms
Remote clock offset: -35.293 ms

Below is generated by plot.py at 2018-07-24 11:43:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 145.66 Mbit/s
95th percentile per-packet one-way delay: 64.331 ms
Loss rate: 8.92%
-- Flow 1:
Average throughput: 145.66 Mbit/s
95th percentile per-packet one-way delay: 64.331 ms
Loss rate: 8.92%

Run 3: Report of Copa — Data Link

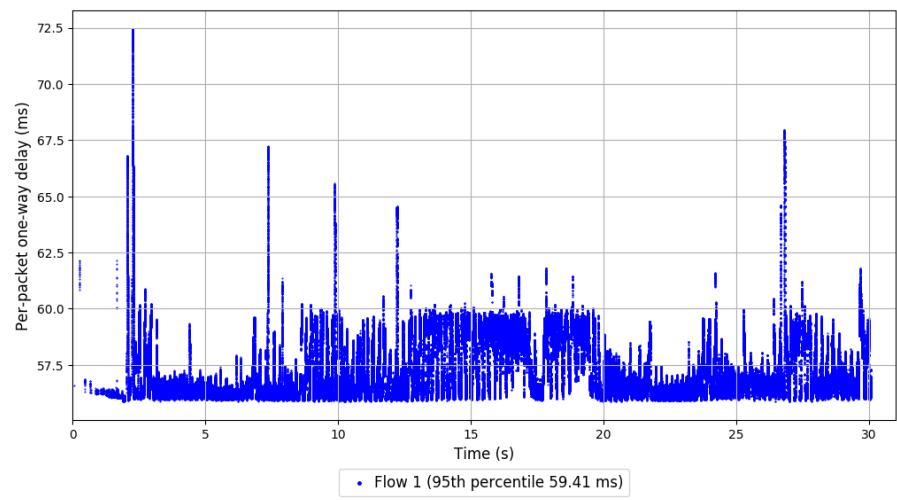
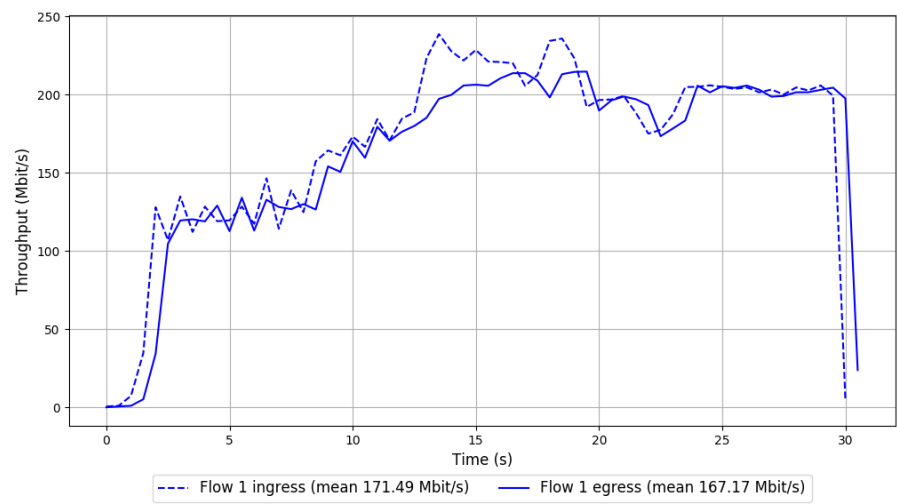


Run 4: Statistics of Copa

Start at: 2018-07-24 08:32:14
End at: 2018-07-24 08:32:44
Local clock offset: 0.334 ms
Remote clock offset: -40.208 ms

Below is generated by plot.py at 2018-07-24 11:43:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 167.17 Mbit/s
95th percentile per-packet one-way delay: 59.410 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 167.17 Mbit/s
95th percentile per-packet one-way delay: 59.410 ms
Loss rate: 2.53%

Run 4: Report of Copa — Data Link

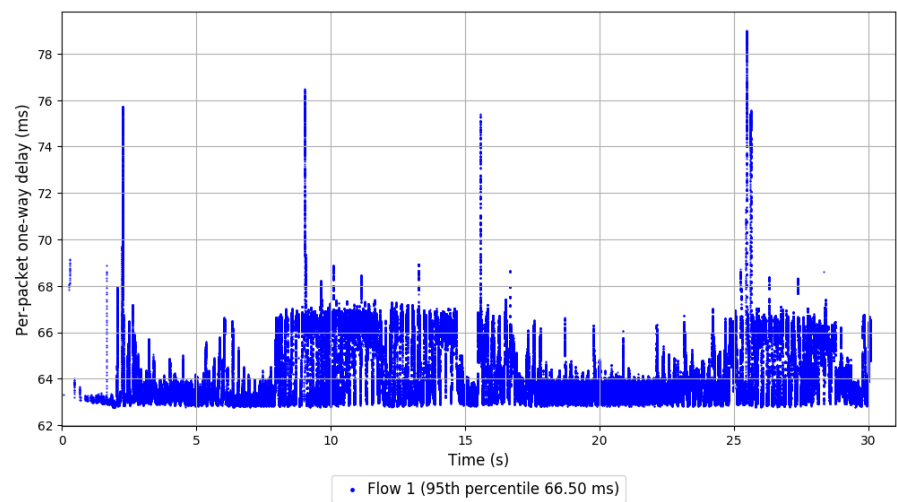
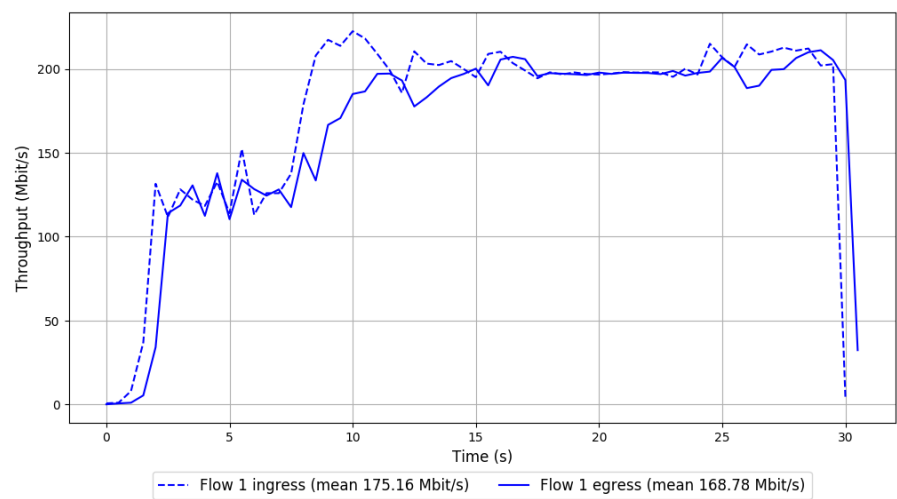


Run 5: Statistics of Copa

Start at: 2018-07-24 09:04:53
End at: 2018-07-24 09:05:23
Local clock offset: -0.902 ms
Remote clock offset: -31.922 ms

Below is generated by plot.py at 2018-07-24 11:43:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 168.78 Mbit/s
95th percentile per-packet one-way delay: 66.497 ms
Loss rate: 3.64%
-- Flow 1:
Average throughput: 168.78 Mbit/s
95th percentile per-packet one-way delay: 66.497 ms
Loss rate: 3.64%

Run 5: Report of Copa — Data Link

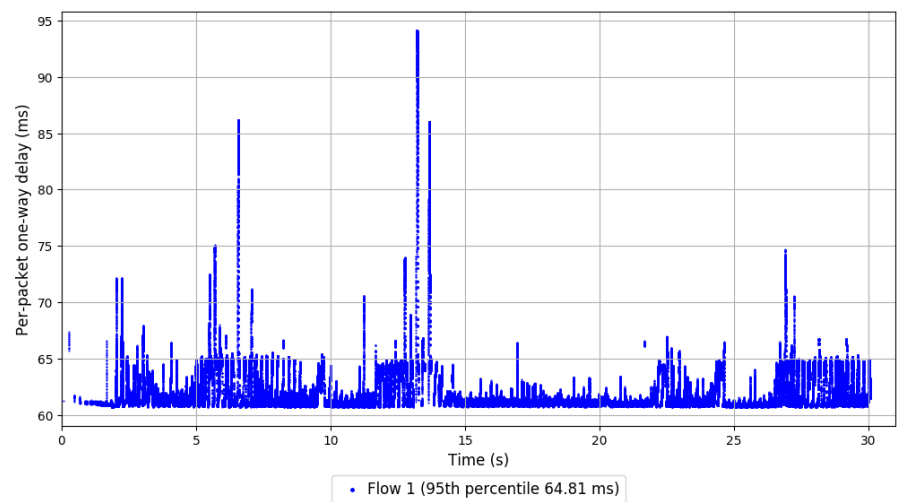
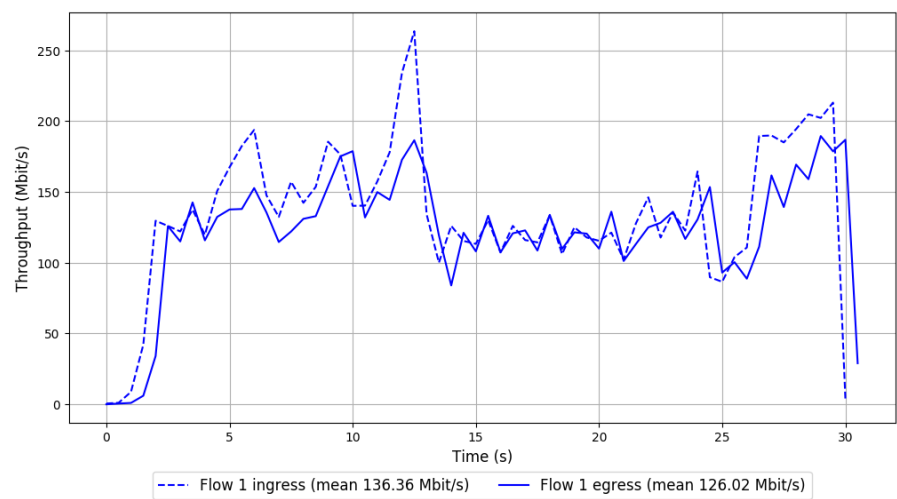


Run 6: Statistics of Copa

Start at: 2018-07-24 09:32:26
End at: 2018-07-24 09:32:57
Local clock offset: -0.572 ms
Remote clock offset: -33.081 ms

Below is generated by plot.py at 2018-07-24 11:43:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 126.02 Mbit/s
95th percentile per-packet one-way delay: 64.808 ms
Loss rate: 7.58%
-- Flow 1:
Average throughput: 126.02 Mbit/s
95th percentile per-packet one-way delay: 64.808 ms
Loss rate: 7.58%

Run 6: Report of Copa — Data Link

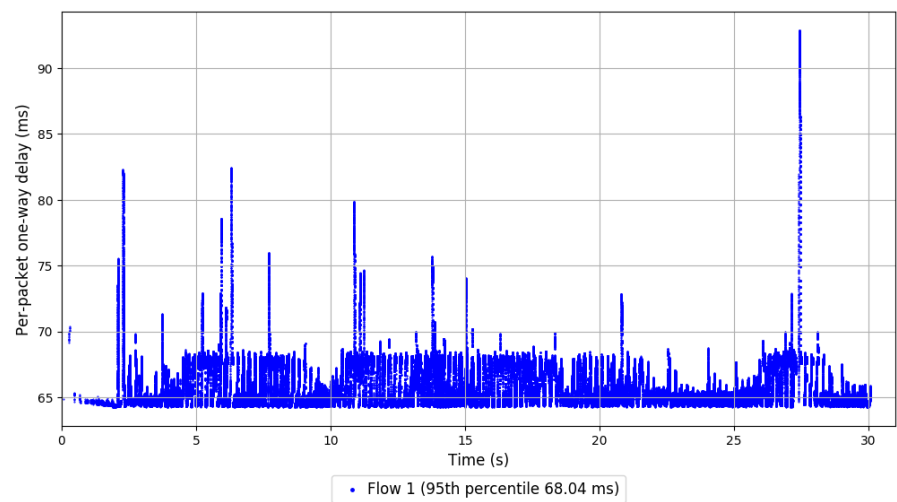
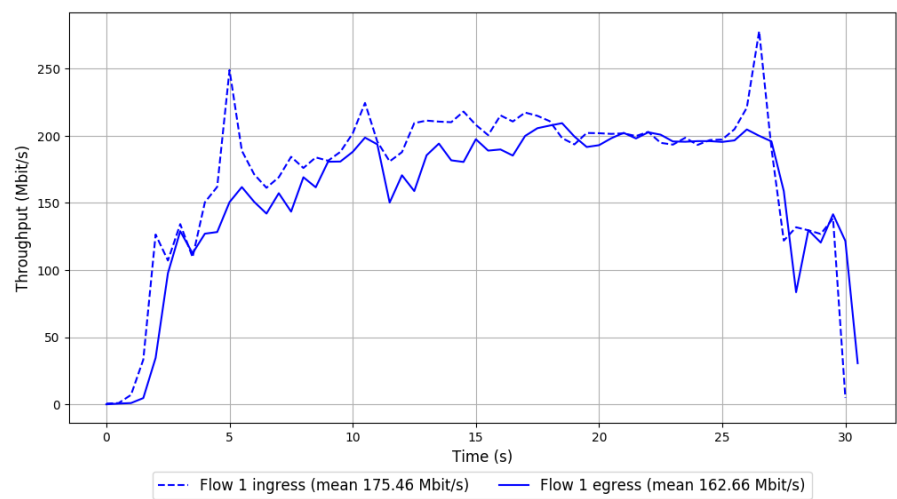


Run 7: Statistics of Copa

Start at: 2018-07-24 09:54:30
End at: 2018-07-24 09:55:00
Local clock offset: -3.487 ms
Remote clock offset: -35.085 ms

Below is generated by plot.py at 2018-07-24 11:44:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 162.66 Mbit/s
95th percentile per-packet one-way delay: 68.040 ms
Loss rate: 7.29%
-- Flow 1:
Average throughput: 162.66 Mbit/s
95th percentile per-packet one-way delay: 68.040 ms
Loss rate: 7.29%

Run 7: Report of Copa — Data Link

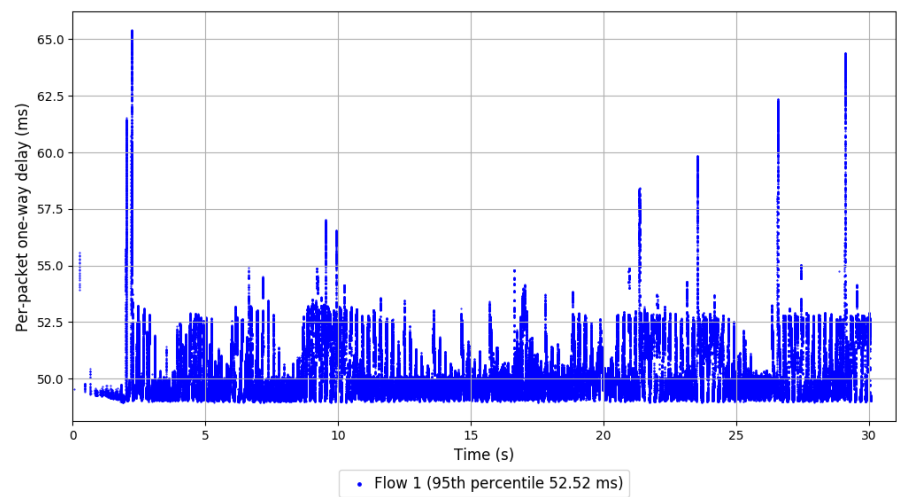
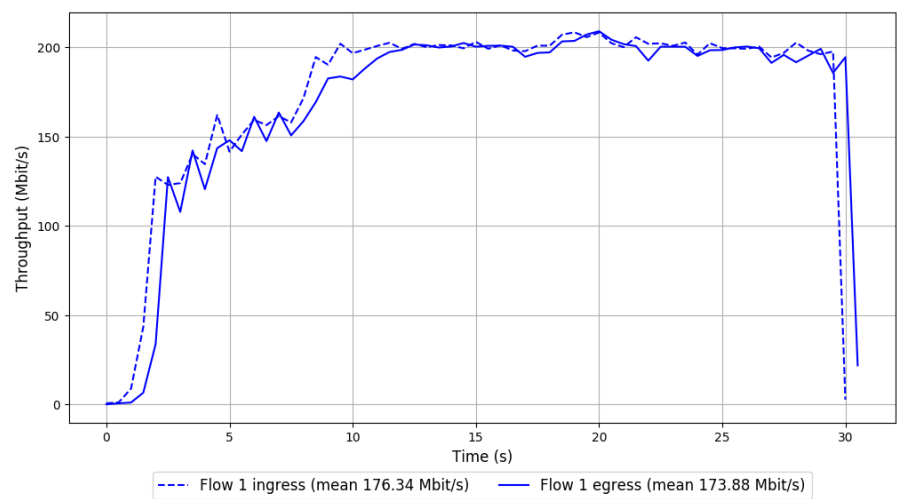


Run 8: Statistics of Copa

Start at: 2018-07-24 10:16:37
End at: 2018-07-24 10:17:07
Local clock offset: 1.227 ms
Remote clock offset: -43.275 ms

Below is generated by plot.py at 2018-07-24 11:44:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 173.88 Mbit/s
95th percentile per-packet one-way delay: 52.525 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 173.88 Mbit/s
95th percentile per-packet one-way delay: 52.525 ms
Loss rate: 1.39%

Run 8: Report of Copa — Data Link

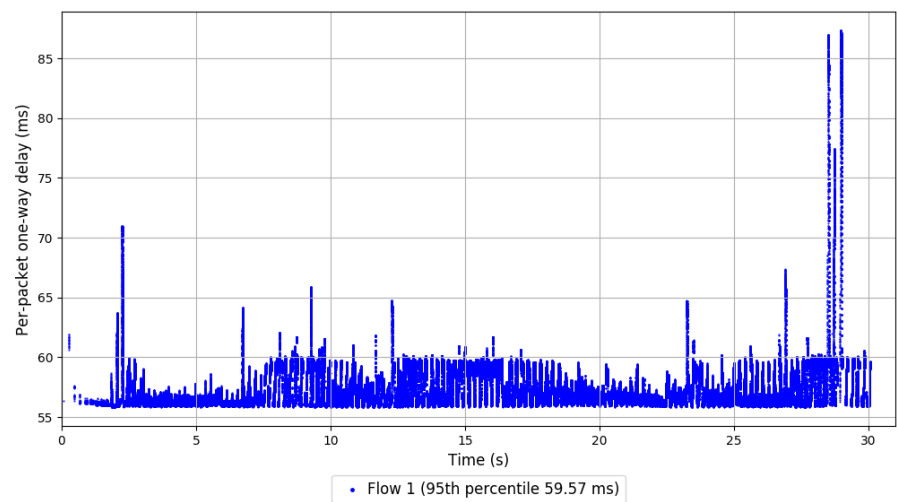
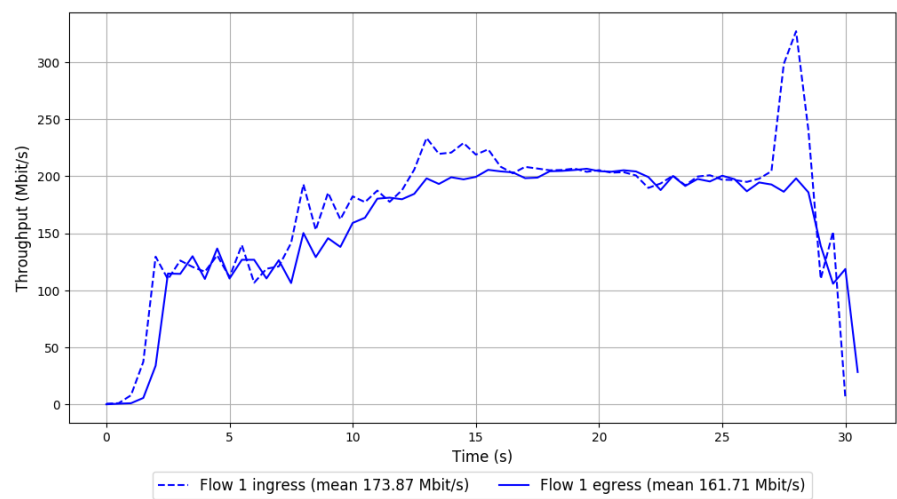


Run 9: Statistics of Copa

Start at: 2018-07-24 10:38:41
End at: 2018-07-24 10:39:11
Local clock offset: 1.622 ms
Remote clock offset: -36.465 ms

Below is generated by plot.py at 2018-07-24 11:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 161.71 Mbit/s
95th percentile per-packet one-way delay: 59.572 ms
Loss rate: 6.98%
-- Flow 1:
Average throughput: 161.71 Mbit/s
95th percentile per-packet one-way delay: 59.572 ms
Loss rate: 6.98%

Run 9: Report of Copa — Data Link

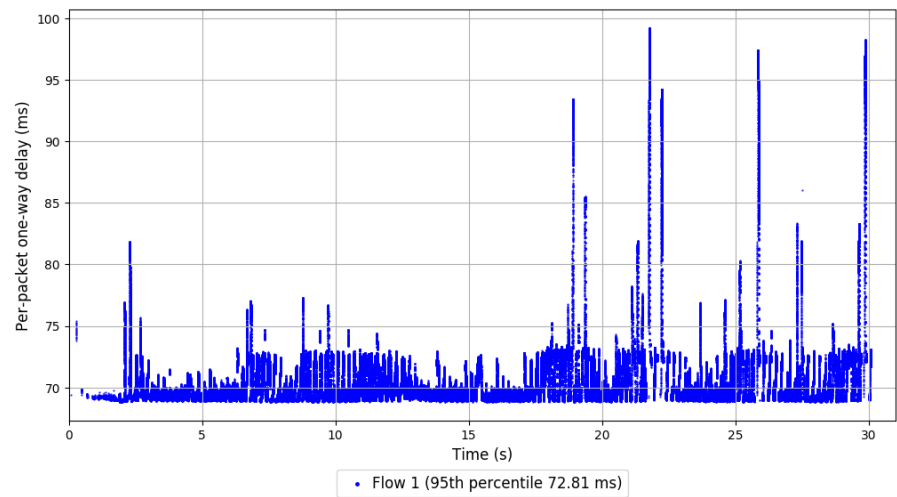
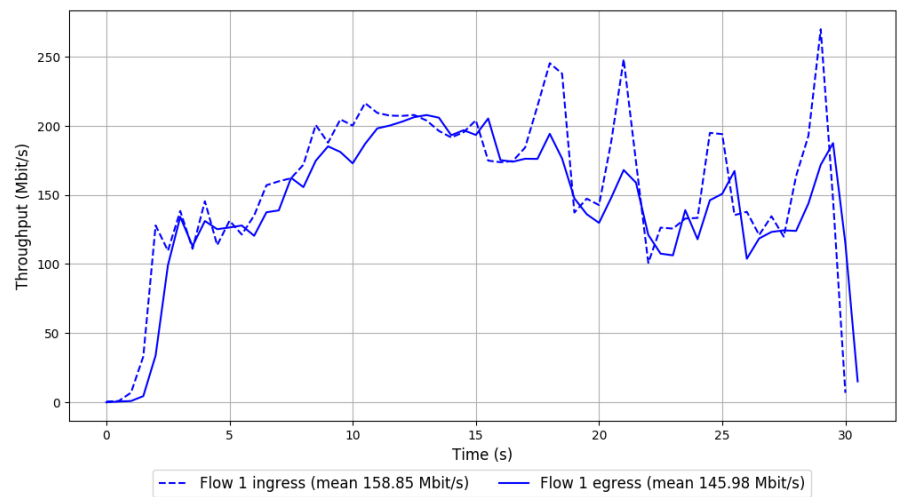


Run 10: Statistics of Copa

Start at: 2018-07-24 11:12:10
End at: 2018-07-24 11:12:40
Local clock offset: 0.7 ms
Remote clock offset: -27.179 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 145.98 Mbit/s
95th percentile per-packet one-way delay: 72.814 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 145.98 Mbit/s
95th percentile per-packet one-way delay: 72.814 ms
Loss rate: 8.10%

Run 10: Report of Copa — Data Link

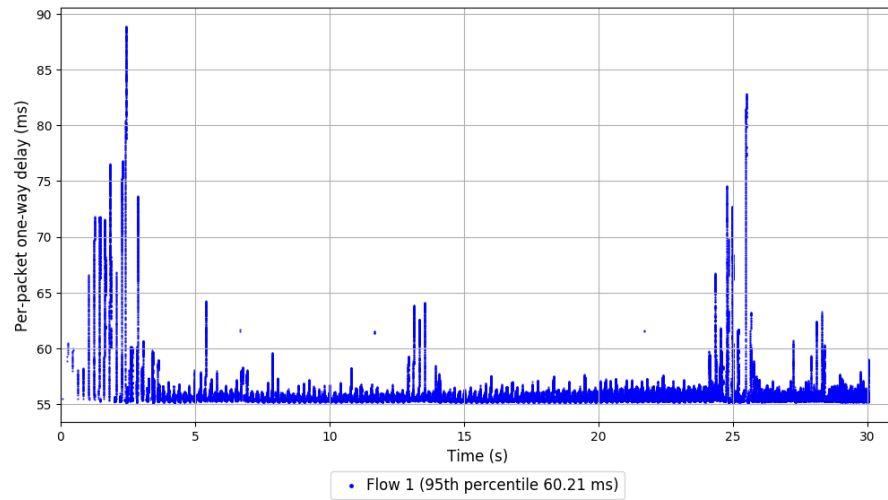
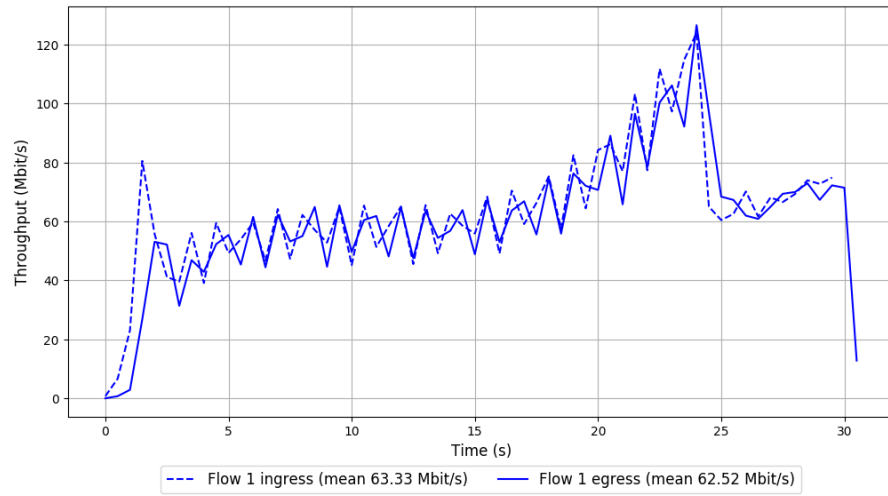


Run 1: Statistics of TCP Cubic

Start at: 2018-07-24 06:52:33
End at: 2018-07-24 06:53:03
Local clock offset: 1.351 ms
Remote clock offset: -38.61 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 60.208 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 60.208 ms
Loss rate: 1.27%

Run 1: Report of TCP Cubic — Data Link

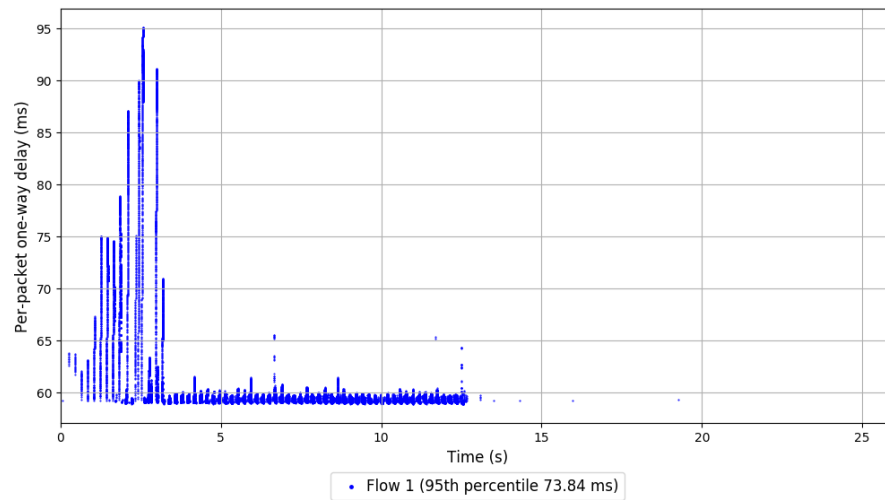
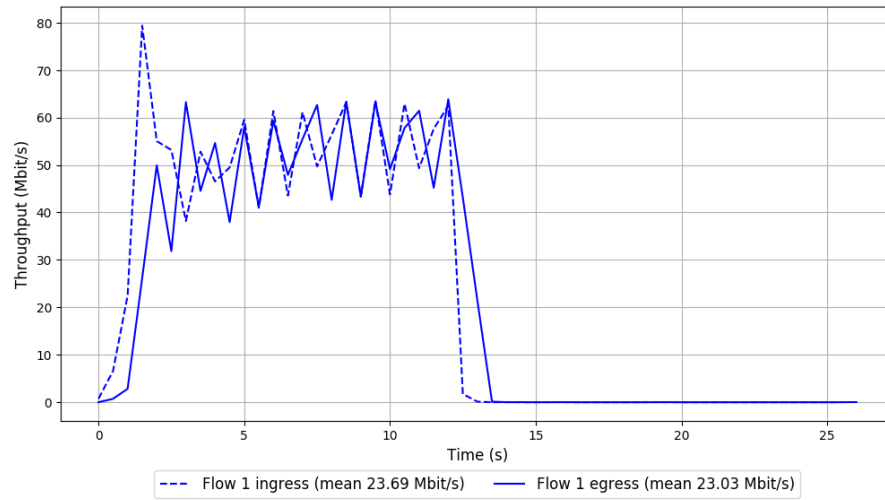


Run 2: Statistics of TCP Cubic

Start at: 2018-07-24 07:14:42
End at: 2018-07-24 07:15:12
Local clock offset: -0.783 ms
Remote clock offset: -39.277 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 73.838 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 73.838 ms
Loss rate: 2.80%

Run 2: Report of TCP Cubic — Data Link

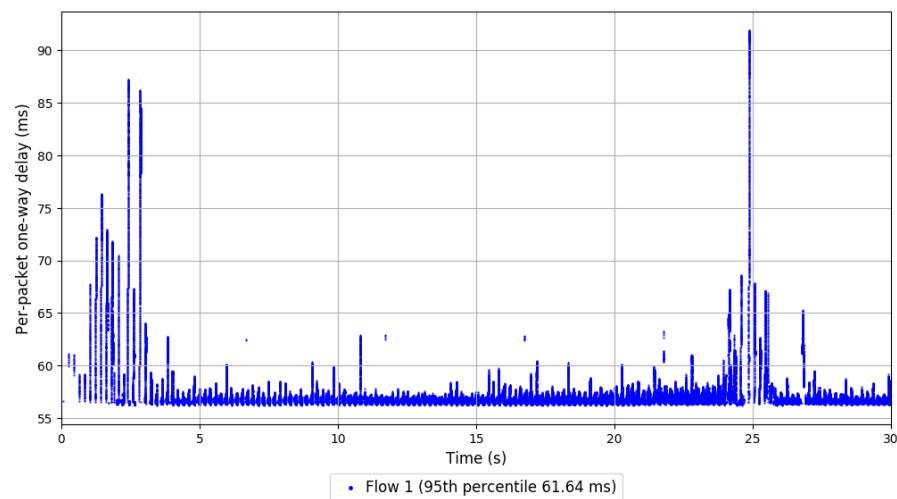
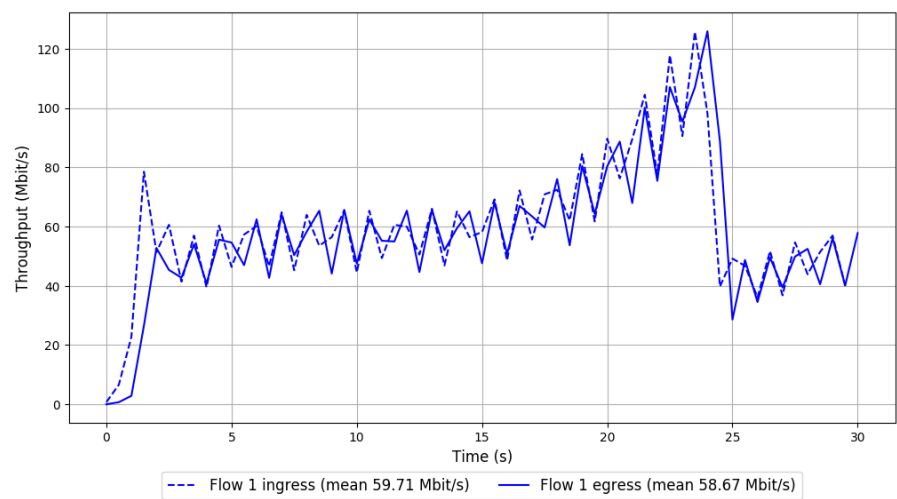


Run 3: Statistics of TCP Cubic

Start at: 2018-07-24 07:57:42
End at: 2018-07-24 07:58:12
Local clock offset: 2.34 ms
Remote clock offset: -35.682 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 61.640 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 61.640 ms
Loss rate: 1.73%

Run 3: Report of TCP Cubic — Data Link

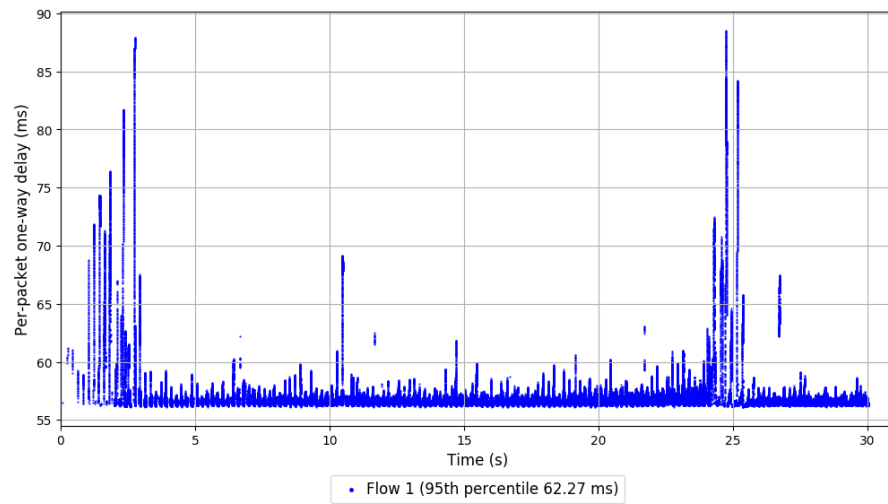
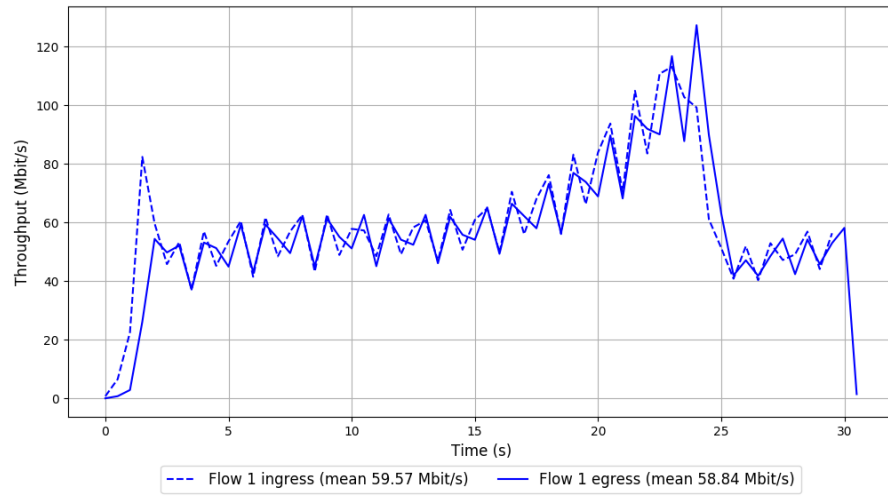


Run 4: Statistics of TCP Cubic

Start at: 2018-07-24 08:31:01
End at: 2018-07-24 08:31:31
Local clock offset: 2.253 ms
Remote clock offset: -35.525 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 62.267 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 62.267 ms
Loss rate: 1.22%

Run 4: Report of TCP Cubic — Data Link

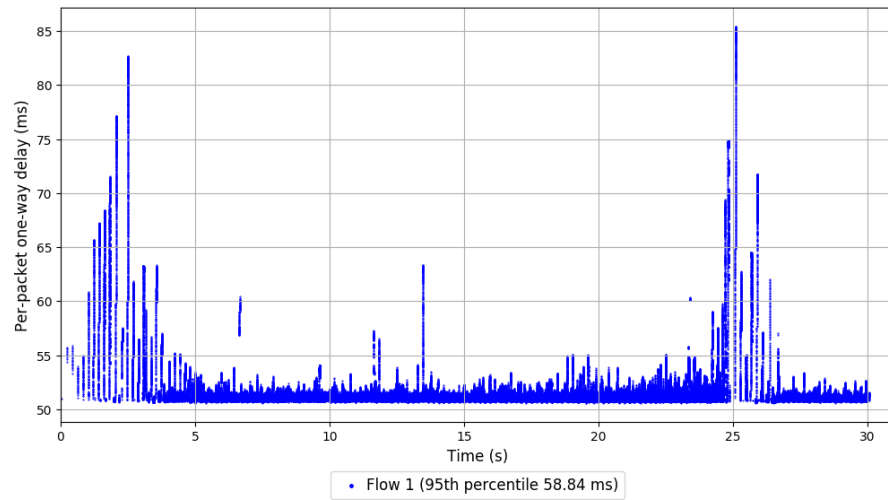
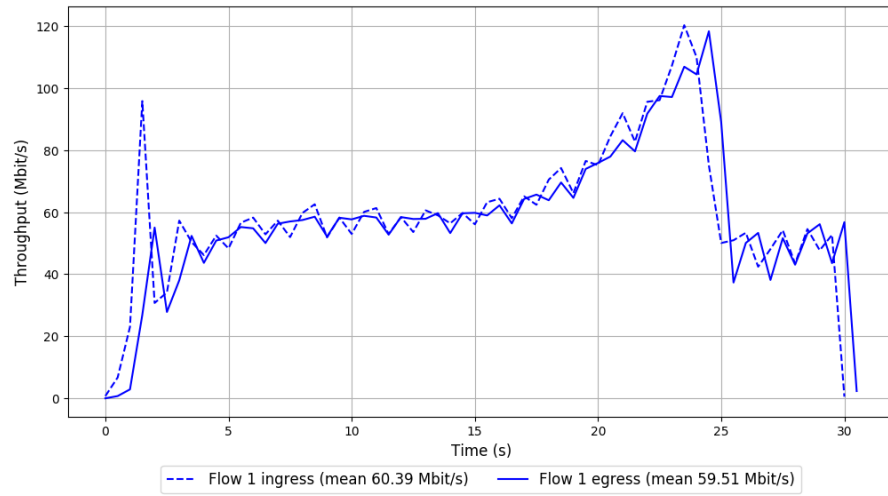


Run 5: Statistics of TCP Cubic

Start at: 2018-07-24 09:03:40
End at: 2018-07-24 09:04:10
Local clock offset: 3.057 ms
Remote clock offset: -39.861 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 58.844 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 58.844 ms
Loss rate: 1.46%

Run 5: Report of TCP Cubic — Data Link

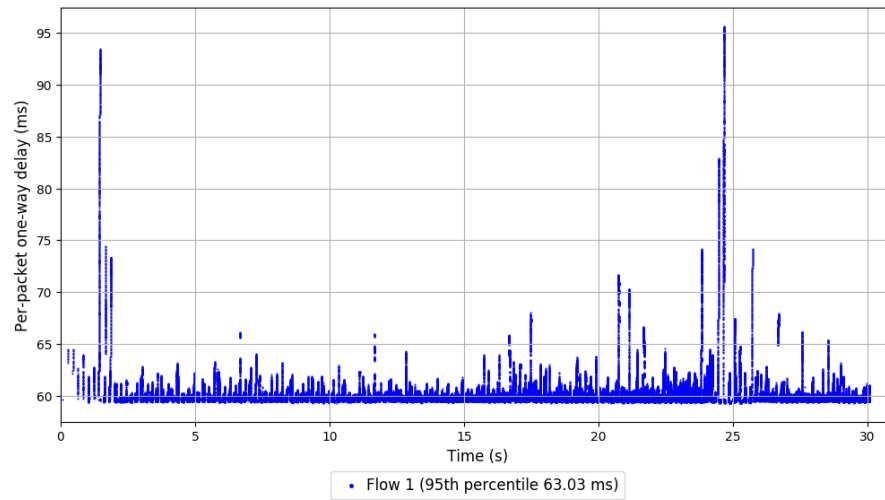
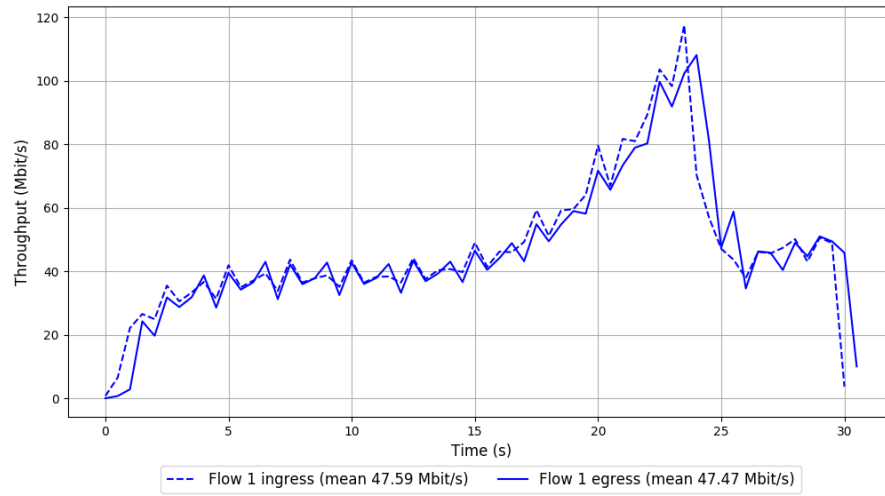


Run 6: Statistics of TCP Cubic

Start at: 2018-07-24 09:31:14
End at: 2018-07-24 09:31:44
Local clock offset: -0.472 ms
Remote clock offset: -34.723 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 63.026 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 63.026 ms
Loss rate: 0.25%

Run 6: Report of TCP Cubic — Data Link

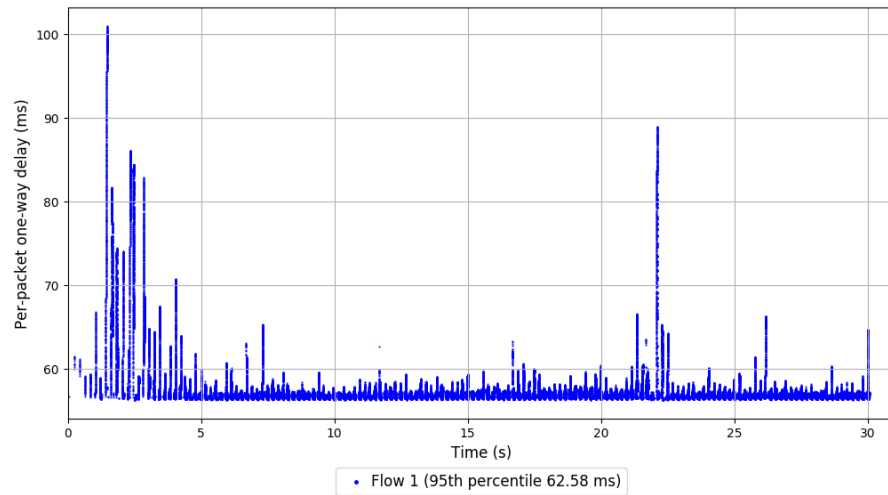
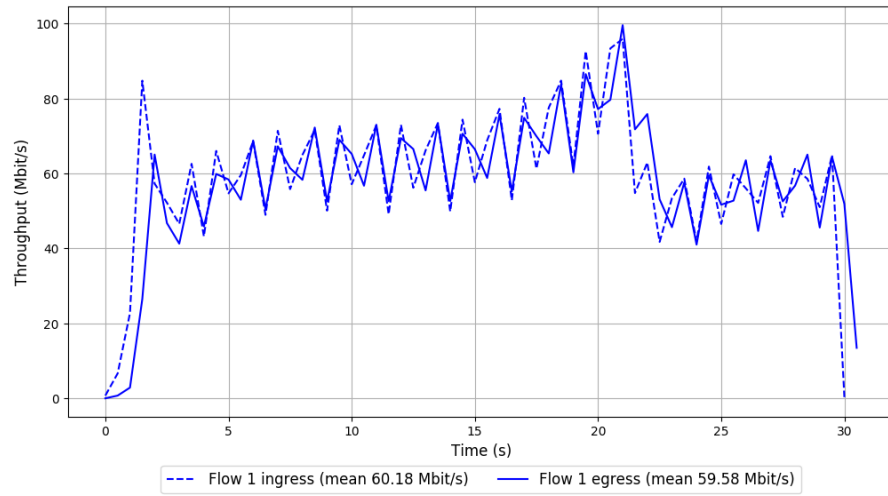


Run 7: Statistics of TCP Cubic

Start at: 2018-07-24 09:53:17
End at: 2018-07-24 09:53:47
Local clock offset: 0.434 ms
Remote clock offset: -36.945 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 62.577 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 62.577 ms
Loss rate: 1.00%

Run 7: Report of TCP Cubic — Data Link

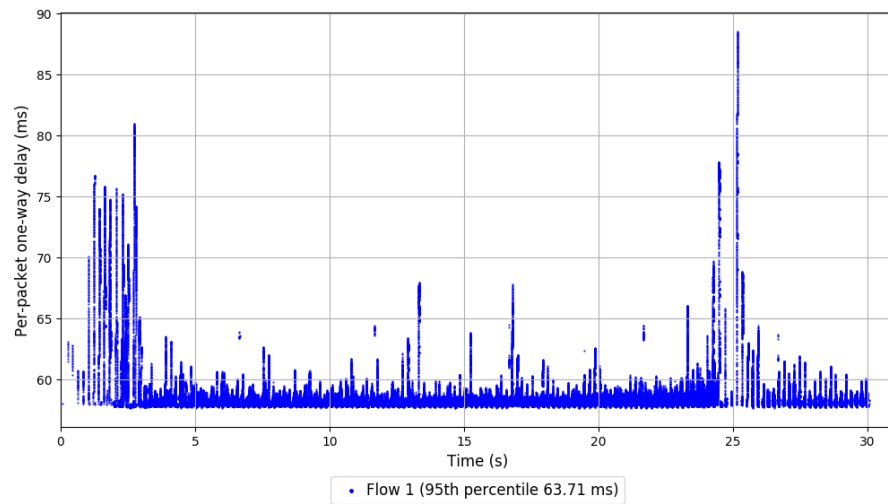
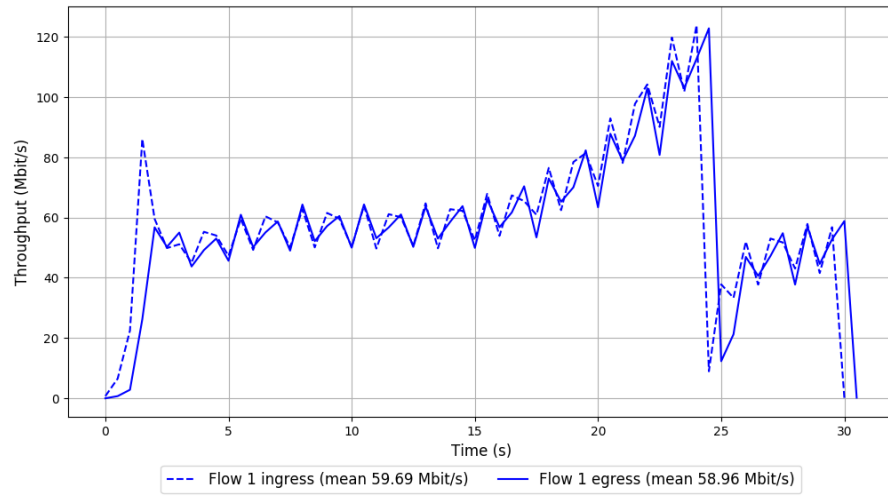


Run 8: Statistics of TCP Cubic

Start at: 2018-07-24 10:15:24
End at: 2018-07-24 10:15:54
Local clock offset: -0.625 ms
Remote clock offset: -36.369 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 63.711 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 63.711 ms
Loss rate: 1.23%

Run 8: Report of TCP Cubic — Data Link

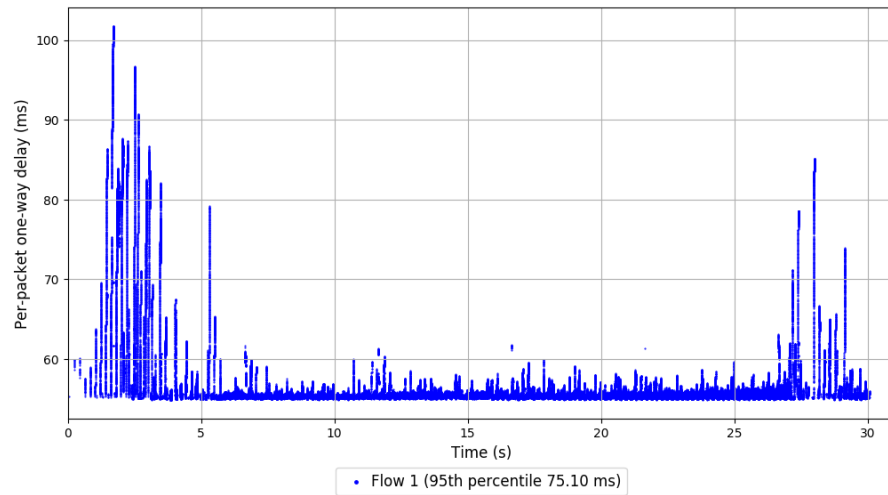
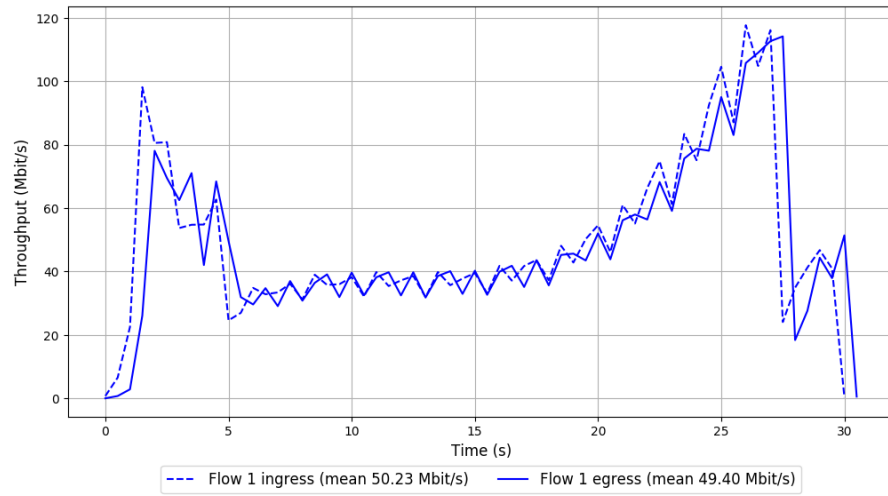


Run 9: Statistics of TCP Cubic

Start at: 2018-07-24 10:37:29
End at: 2018-07-24 10:37:59
Local clock offset: -0.121 ms
Remote clock offset: -39.024 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 75.100 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 75.100 ms
Loss rate: 1.65%

Run 9: Report of TCP Cubic — Data Link

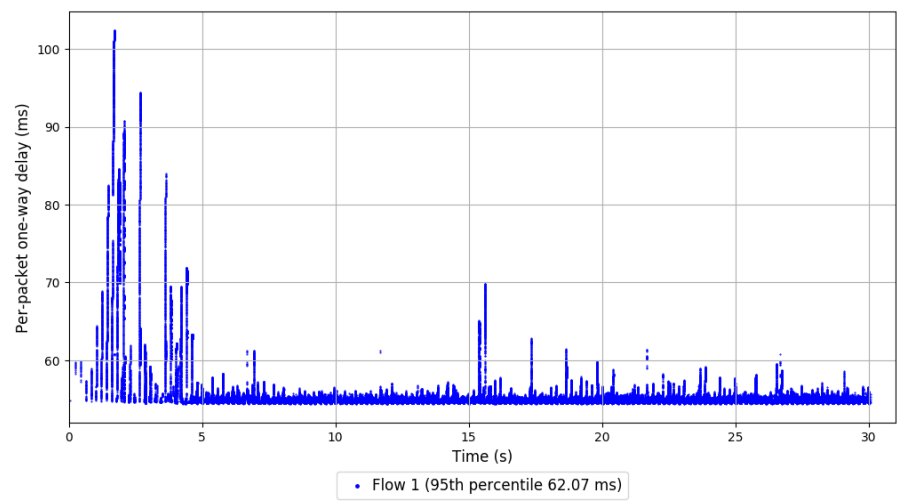
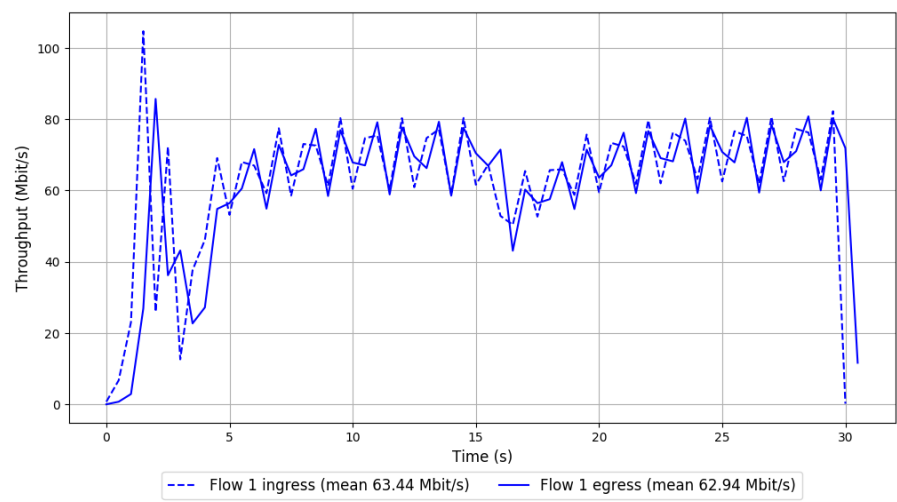


Run 10: Statistics of TCP Cubic

Start at: 2018-07-24 11:10:50
End at: 2018-07-24 11:11:20
Local clock offset: 1.739 ms
Remote clock offset: -38.215 ms

Below is generated by plot.py at 2018-07-24 11:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.94 Mbit/s
95th percentile per-packet one-way delay: 62.073 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 62.94 Mbit/s
95th percentile per-packet one-way delay: 62.073 ms
Loss rate: 0.79%

Run 10: Report of TCP Cubic — Data Link

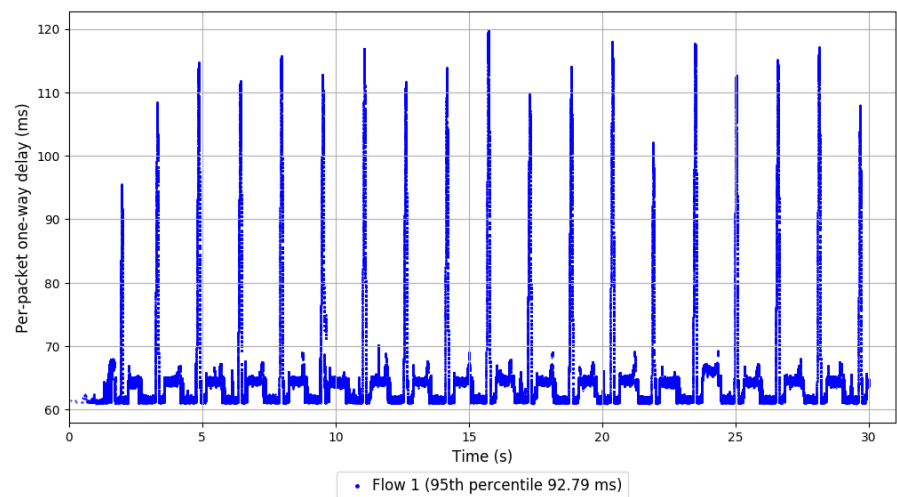
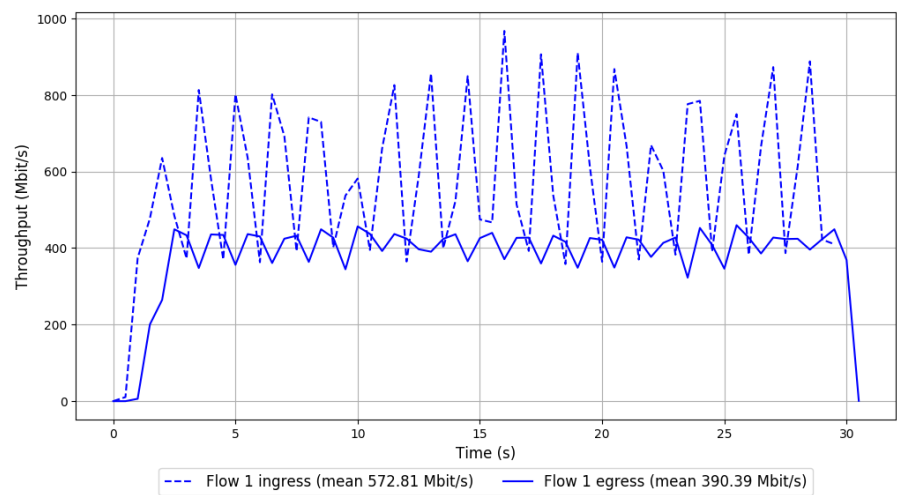


Run 1: Statistics of FillP

Start at: 2018-07-24 06:46:00
End at: 2018-07-24 06:46:30
Local clock offset: 1.487 ms
Remote clock offset: -32.807 ms

Below is generated by plot.py at 2018-07-24 11:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.39 Mbit/s
95th percentile per-packet one-way delay: 92.786 ms
Loss rate: 31.84%
-- Flow 1:
Average throughput: 390.39 Mbit/s
95th percentile per-packet one-way delay: 92.786 ms
Loss rate: 31.84%

Run 1: Report of FillP — Data Link

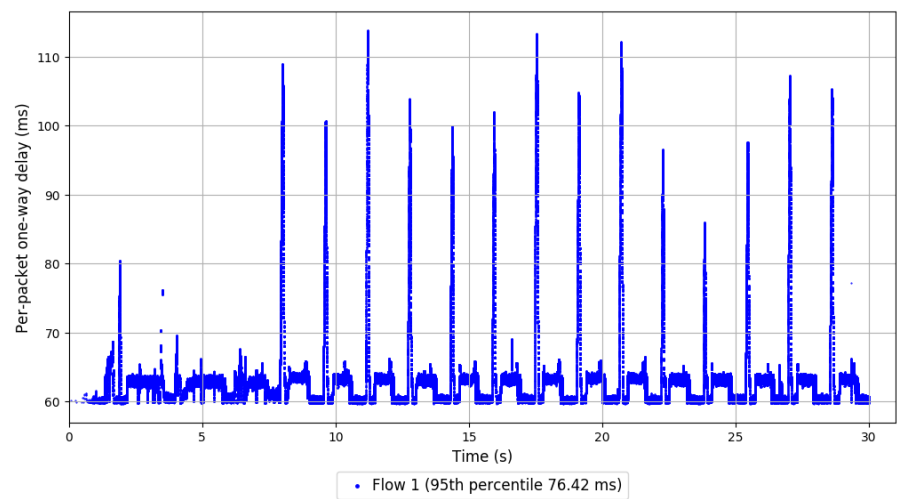
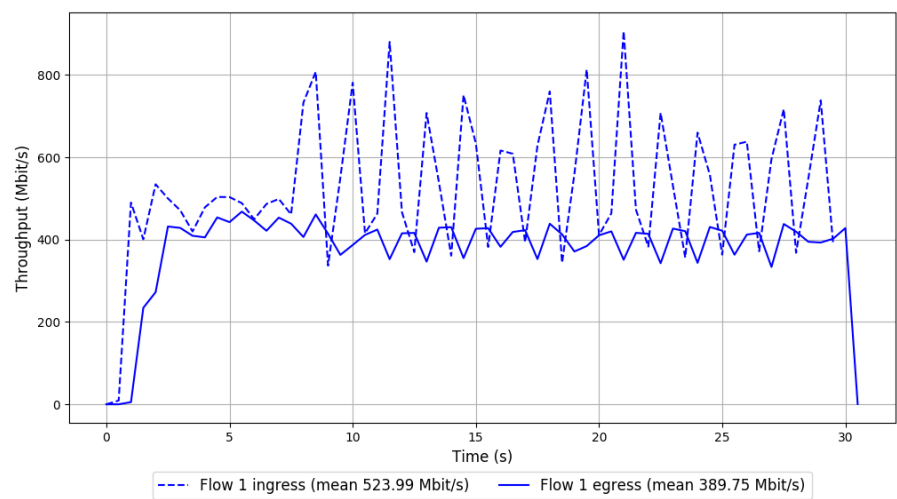


Run 2: Statistics of FillP

Start at: 2018-07-24 07:08:05
End at: 2018-07-24 07:08:35
Local clock offset: -0.05 ms
Remote clock offset: -37.835 ms

Below is generated by plot.py at 2018-07-24 11:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 389.75 Mbit/s
95th percentile per-packet one-way delay: 76.419 ms
Loss rate: 25.63%
-- Flow 1:
Average throughput: 389.75 Mbit/s
95th percentile per-packet one-way delay: 76.419 ms
Loss rate: 25.63%

Run 2: Report of FillP — Data Link

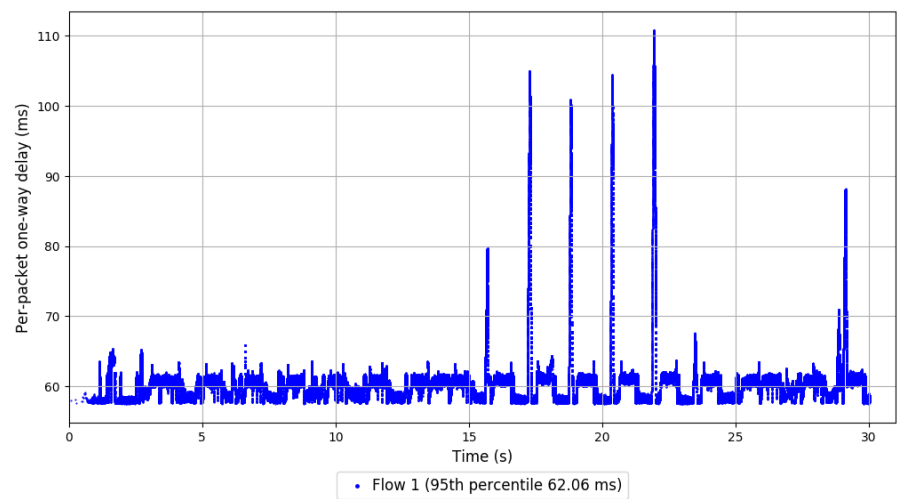
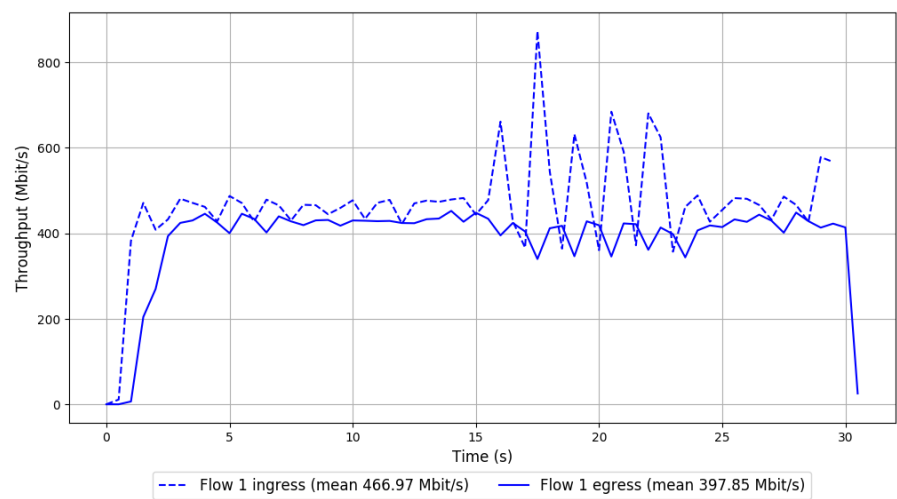


Run 3: Statistics of FillP

Start at: 2018-07-24 07:41:32
End at: 2018-07-24 07:42:02
Local clock offset: 2.487 ms
Remote clock offset: -34.562 ms

Below is generated by plot.py at 2018-07-24 11:50:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 397.85 Mbit/s
95th percentile per-packet one-way delay: 62.063 ms
Loss rate: 14.80%
-- Flow 1:
Average throughput: 397.85 Mbit/s
95th percentile per-packet one-way delay: 62.063 ms
Loss rate: 14.80%

Run 3: Report of FillP — Data Link

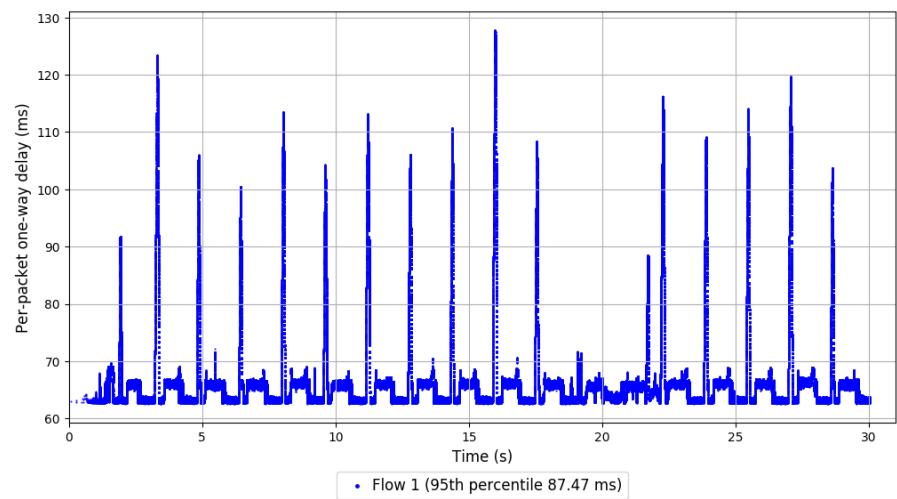
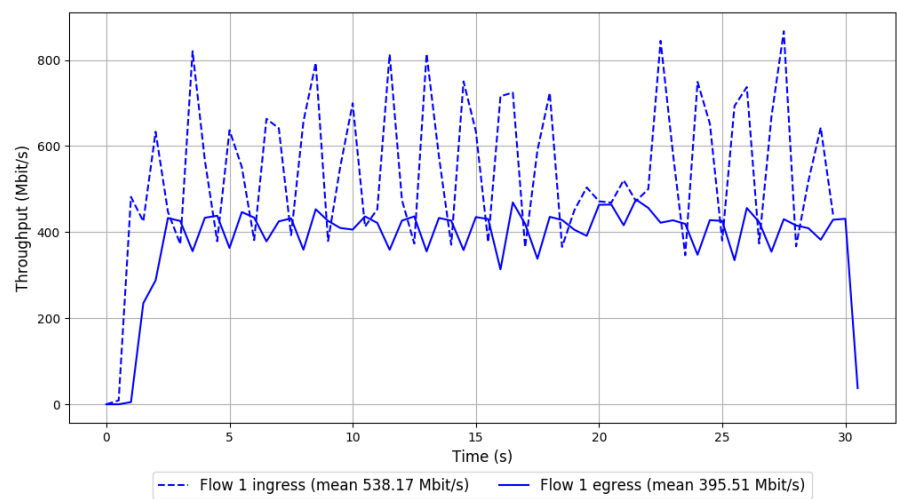


Run 4: Statistics of FillP

Start at: 2018-07-24 08:24:27
End at: 2018-07-24 08:24:57
Local clock offset: -1.288 ms
Remote clock offset: -35.506 ms

Below is generated by plot.py at 2018-07-24 11:50:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 395.51 Mbit/s
95th percentile per-packet one-way delay: 87.470 ms
Loss rate: 26.51%
-- Flow 1:
Average throughput: 395.51 Mbit/s
95th percentile per-packet one-way delay: 87.470 ms
Loss rate: 26.51%

Run 4: Report of FillP — Data Link

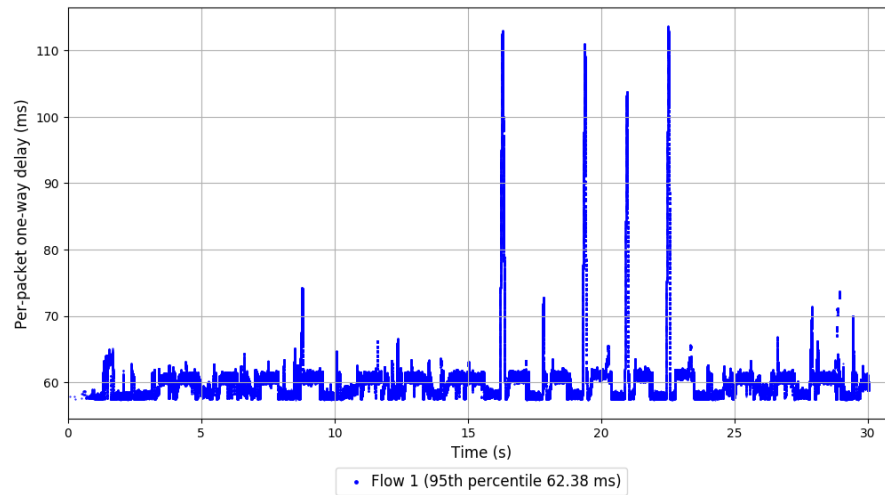
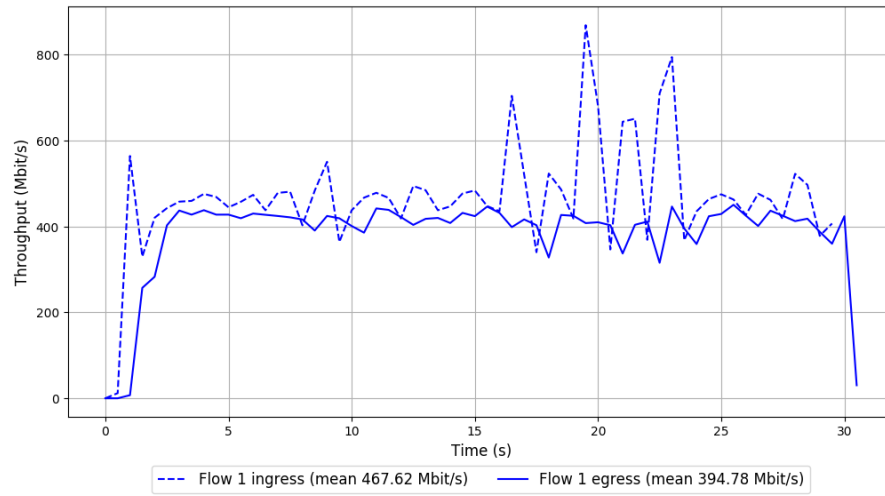


Run 5: Statistics of FillP

Start at: 2018-07-24 08:51:35
End at: 2018-07-24 08:52:05
Local clock offset: -0.741 ms
Remote clock offset: -36.683 ms

Below is generated by plot.py at 2018-07-24 11:50:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 394.78 Mbit/s
95th percentile per-packet one-way delay: 62.377 ms
Loss rate: 15.57%
-- Flow 1:
Average throughput: 394.78 Mbit/s
95th percentile per-packet one-way delay: 62.377 ms
Loss rate: 15.57%

Run 5: Report of FillP — Data Link

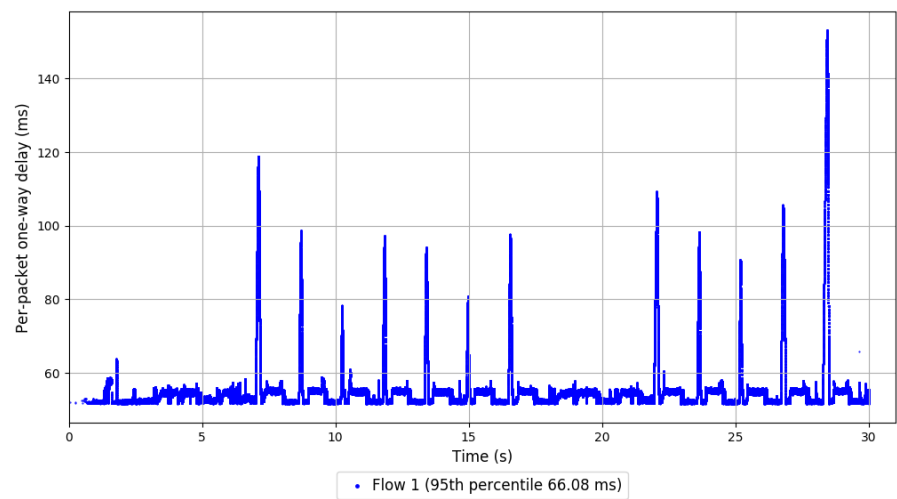
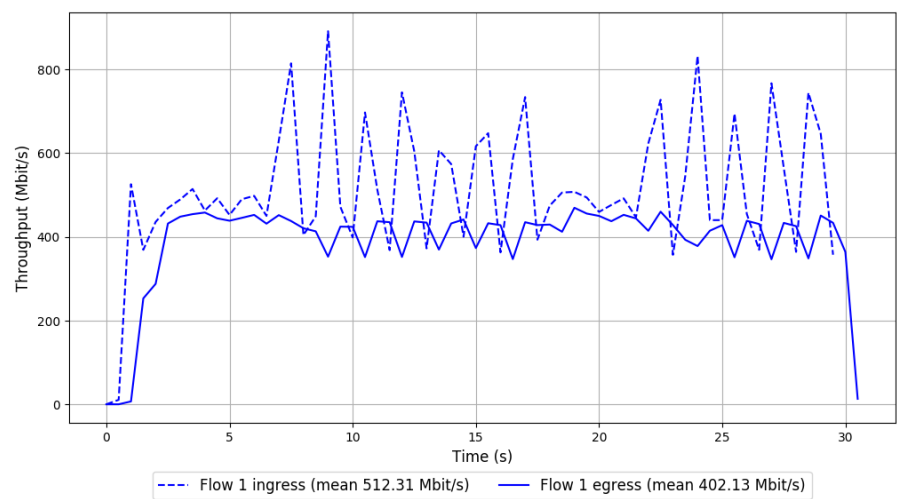


Run 6: Statistics of FillP

Start at: 2018-07-24 09:19:14
End at: 2018-07-24 09:19:44
Local clock offset: 1.898 ms
Remote clock offset: -42.468 ms

Below is generated by plot.py at 2018-07-24 11:51:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 402.13 Mbit/s
95th percentile per-packet one-way delay: 66.085 ms
Loss rate: 21.51%
-- Flow 1:
Average throughput: 402.13 Mbit/s
95th percentile per-packet one-way delay: 66.085 ms
Loss rate: 21.51%

Run 6: Report of FillP — Data Link

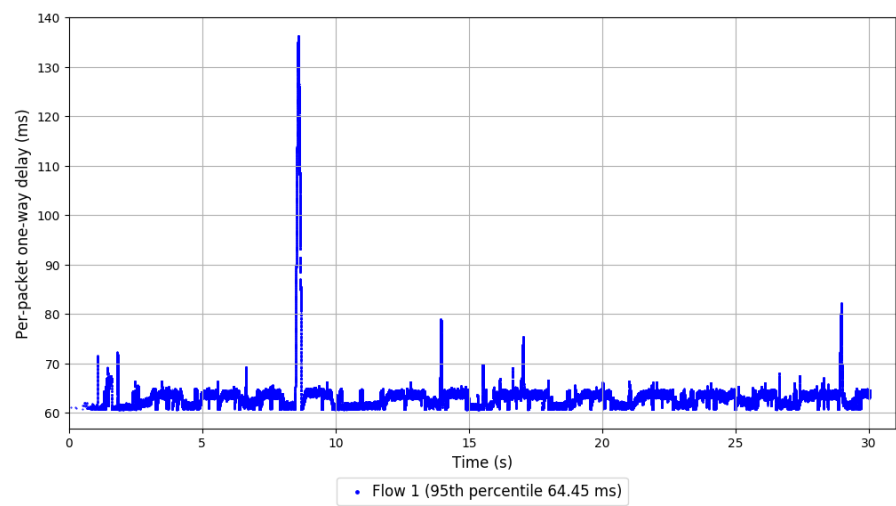
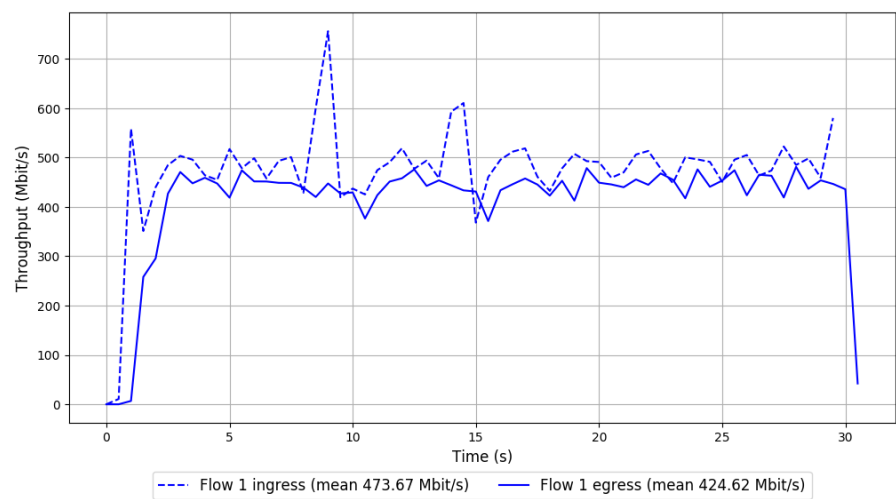


Run 7: Statistics of FillP

Start at: 2018-07-24 09:46:44
End at: 2018-07-24 09:47:14
Local clock offset: -0.905 ms
Remote clock offset: -33.453 ms

Below is generated by plot.py at 2018-07-24 11:51:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 424.62 Mbit/s
95th percentile per-packet one-way delay: 64.448 ms
Loss rate: 10.35%
-- Flow 1:
Average throughput: 424.62 Mbit/s
95th percentile per-packet one-way delay: 64.448 ms
Loss rate: 10.35%

Run 7: Report of FillP — Data Link

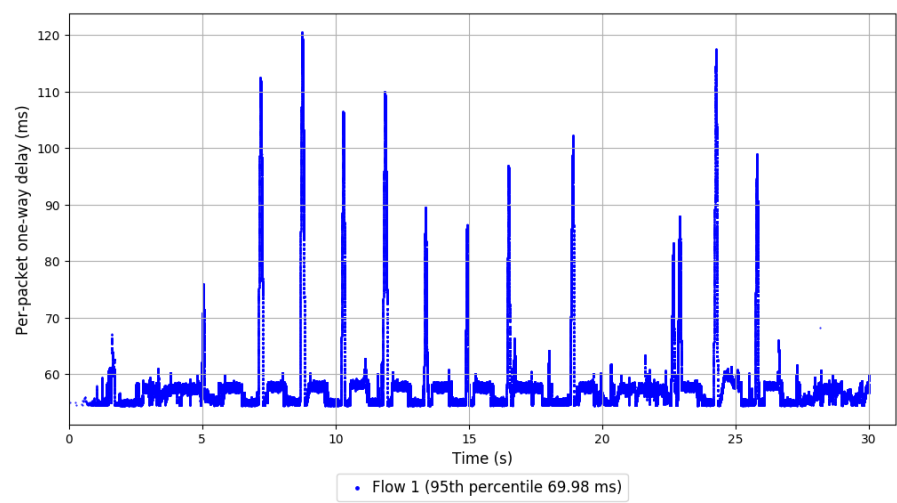
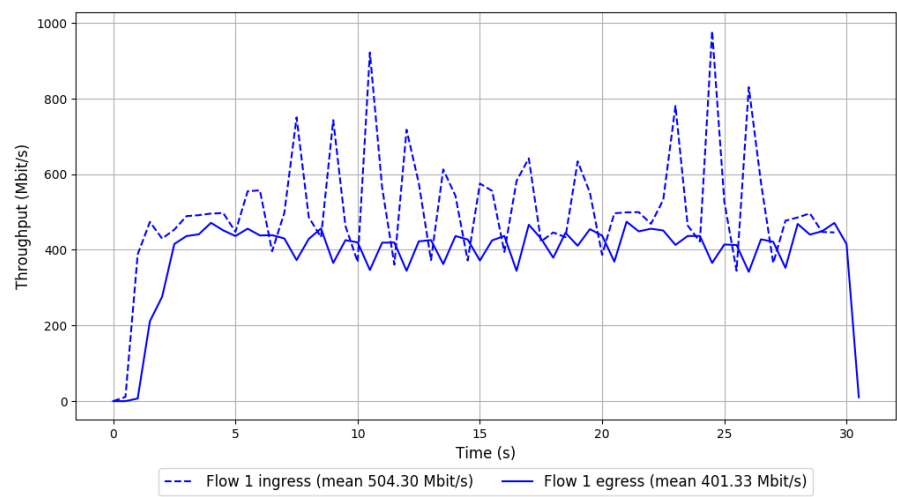


Run 8: Statistics of FillP

Start at: 2018-07-24 10:08:50
End at: 2018-07-24 10:09:20
Local clock offset: 0.298 ms
Remote clock offset: -38.871 ms

Below is generated by plot.py at 2018-07-24 11:51:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 401.33 Mbit/s
95th percentile per-packet one-way delay: 69.980 ms
Loss rate: 20.41%
-- Flow 1:
Average throughput: 401.33 Mbit/s
95th percentile per-packet one-way delay: 69.980 ms
Loss rate: 20.41%

Run 8: Report of FillP — Data Link

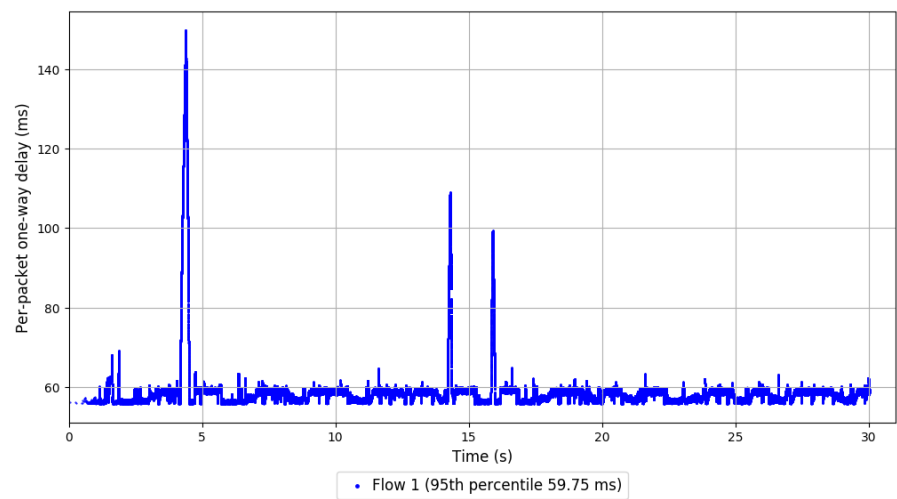
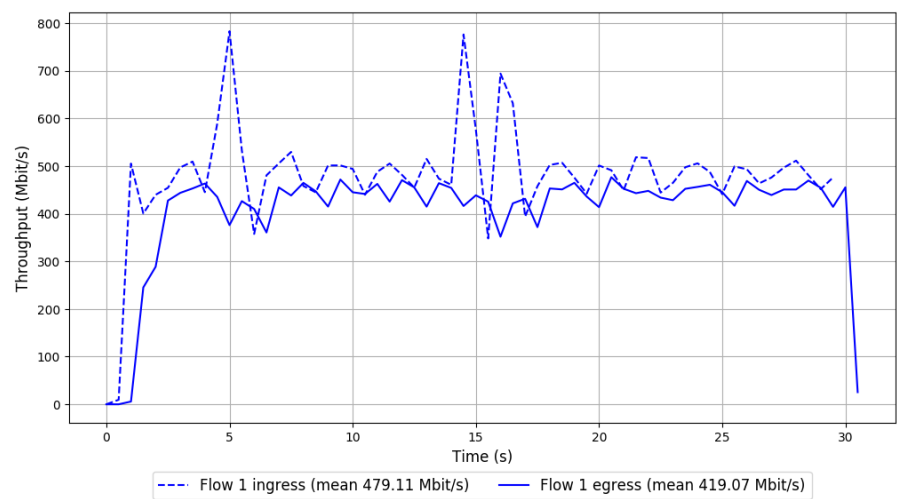


Run 9: Statistics of FillP

Start at: 2018-07-24 10:30:59
End at: 2018-07-24 10:31:29
Local clock offset: 0.93 ms
Remote clock offset: -39.463 ms

Below is generated by plot.py at 2018-07-24 11:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 419.07 Mbit/s
95th percentile per-packet one-way delay: 59.754 ms
Loss rate: 12.53%
-- Flow 1:
Average throughput: 419.07 Mbit/s
95th percentile per-packet one-way delay: 59.754 ms
Loss rate: 12.53%

Run 9: Report of FillP — Data Link

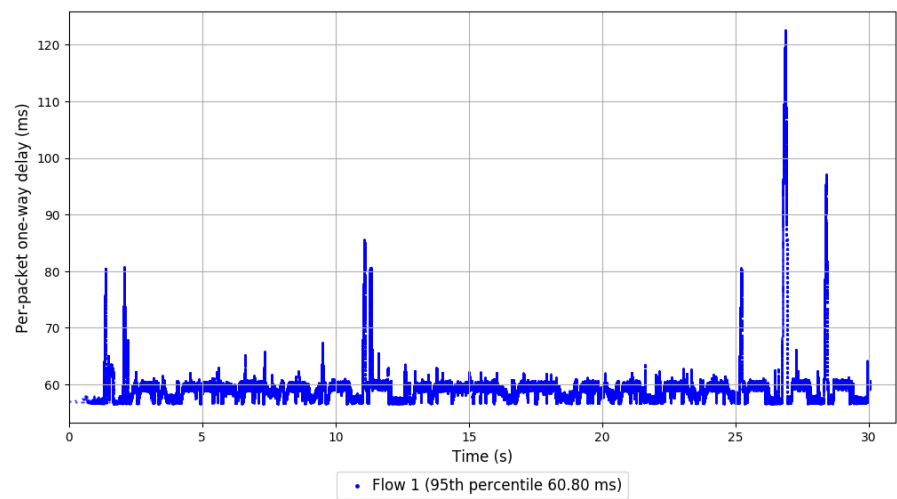
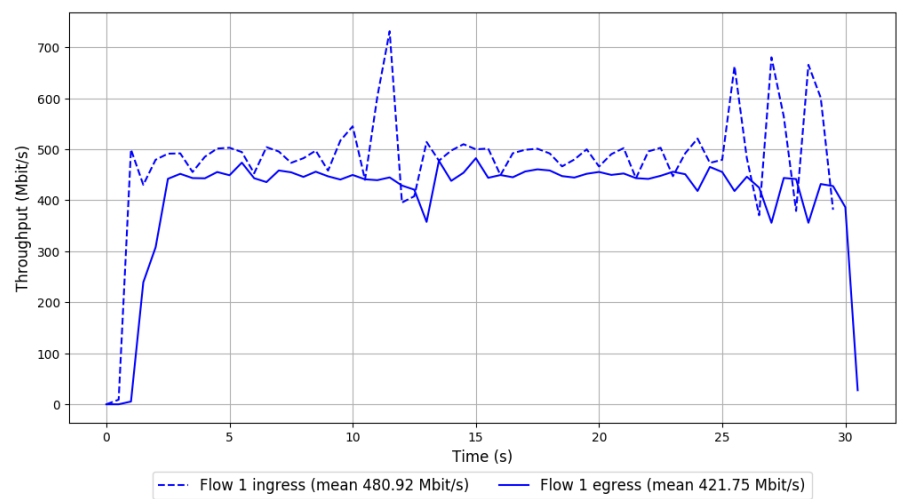


Run 10: Statistics of FillP

Start at: 2018-07-24 10:58:38
End at: 2018-07-24 10:59:08
Local clock offset: -0.33 ms
Remote clock offset: -40.267 ms

Below is generated by plot.py at 2018-07-24 11:56:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 421.75 Mbit/s
95th percentile per-packet one-way delay: 60.805 ms
Loss rate: 12.30%
-- Flow 1:
Average throughput: 421.75 Mbit/s
95th percentile per-packet one-way delay: 60.805 ms
Loss rate: 12.30%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-24 07:00:04

End at: 2018-07-24 07:00:34

Local clock offset: -1.428 ms

Remote clock offset: -40.078 ms

Below is generated by plot.py at 2018-07-24 11:56:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 428.21 Mbit/s

95th percentile per-packet one-way delay: 62.992 ms

Loss rate: 12.05%

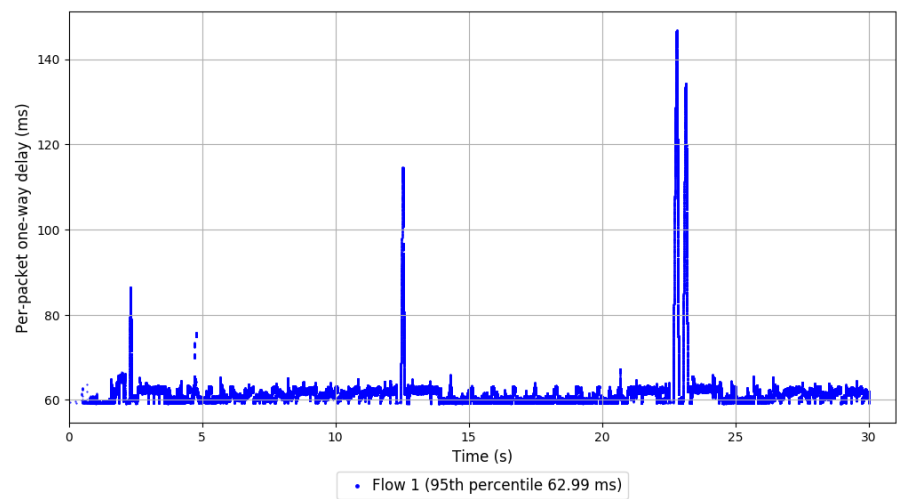
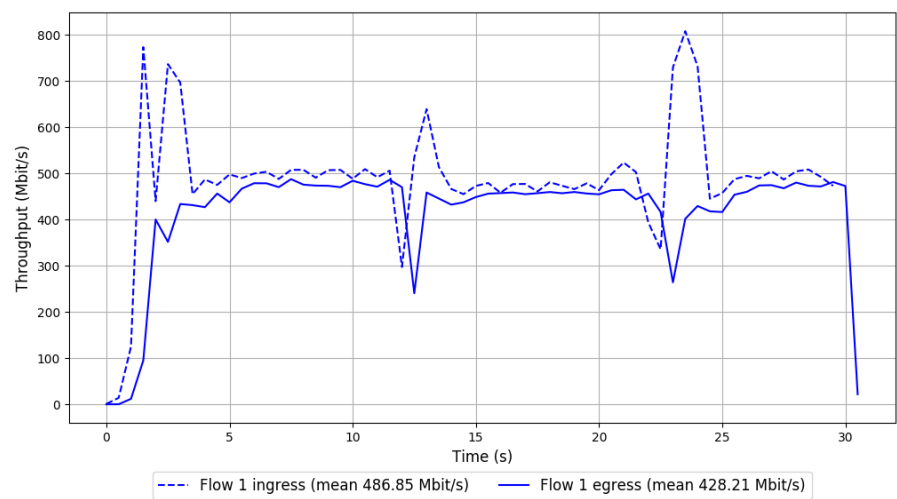
-- Flow 1:

Average throughput: 428.21 Mbit/s

95th percentile per-packet one-way delay: 62.992 ms

Loss rate: 12.05%

Run 1: Report of FillP-Sheep — Data Link

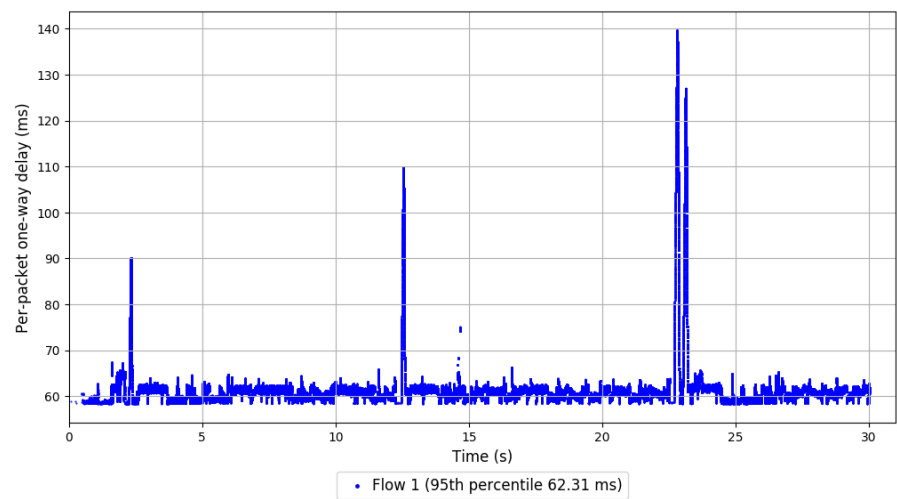
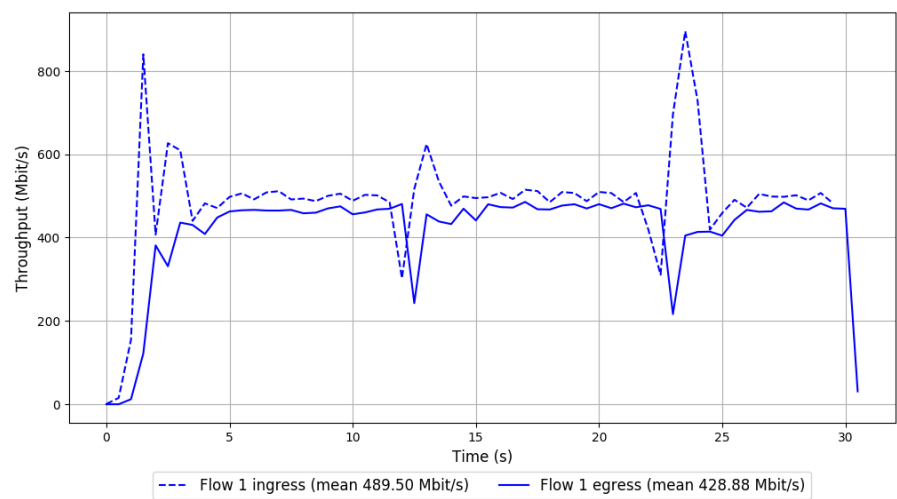


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-24 07:27:53
End at: 2018-07-24 07:28:23
Local clock offset: -0.036 ms
Remote clock offset: -36.361 ms

Below is generated by plot.py at 2018-07-24 11:56:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 428.88 Mbit/s
95th percentile per-packet one-way delay: 62.307 ms
Loss rate: 12.38%
-- Flow 1:
Average throughput: 428.88 Mbit/s
95th percentile per-packet one-way delay: 62.307 ms
Loss rate: 12.38%

Run 2: Report of FillP-Sheep — Data Link

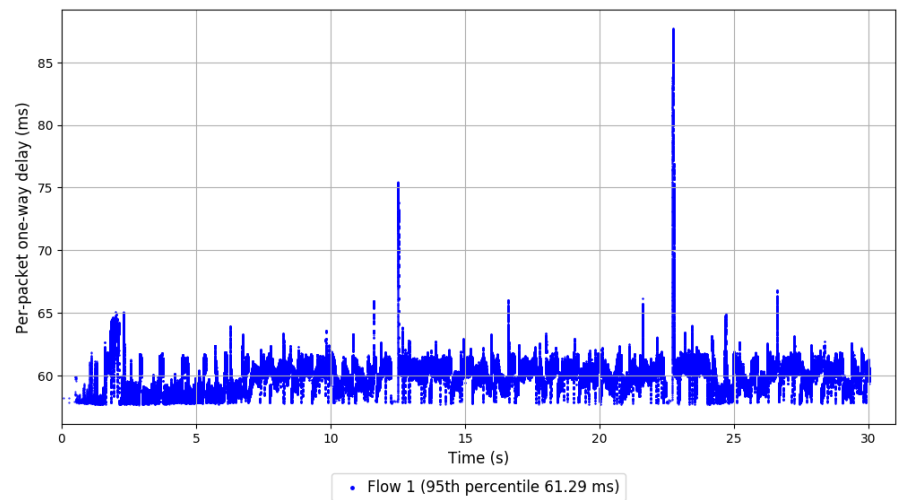
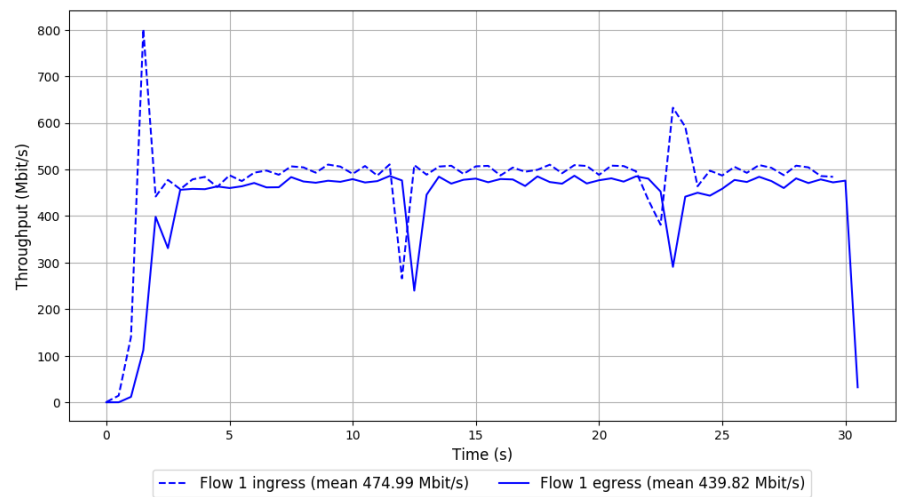


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-24 08:16:25
End at: 2018-07-24 08:16:55
Local clock offset: 1.096 ms
Remote clock offset: -37.93 ms

Below is generated by plot.py at 2018-07-24 11:57:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 439.82 Mbit/s
95th percentile per-packet one-way delay: 61.293 ms
Loss rate: 7.40%
-- Flow 1:
Average throughput: 439.82 Mbit/s
95th percentile per-packet one-way delay: 61.293 ms
Loss rate: 7.40%

Run 3: Report of FillP-Sheep — Data Link

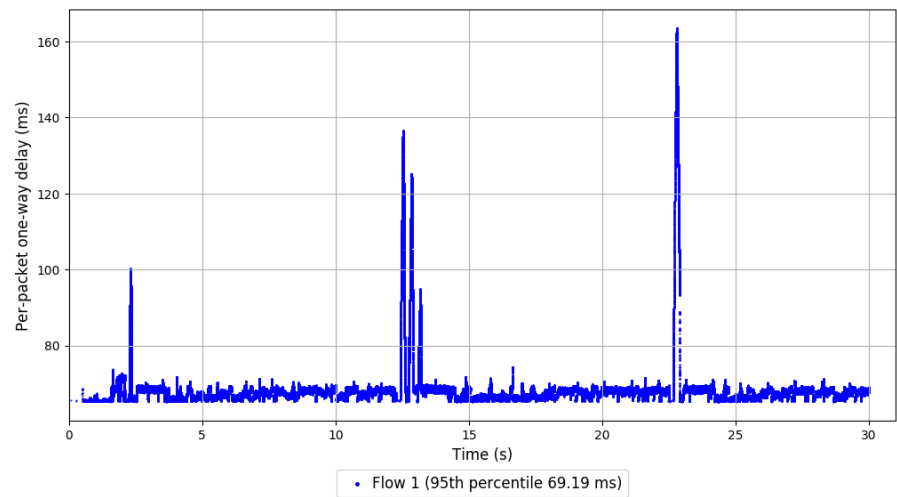
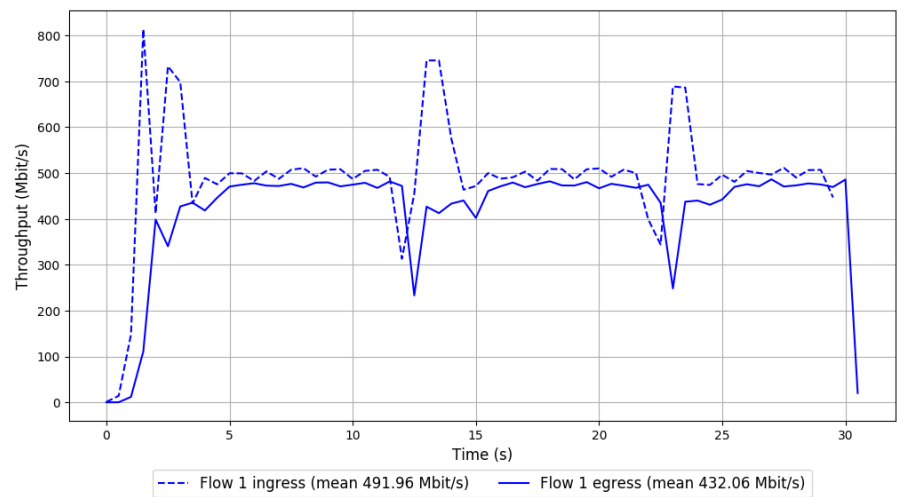


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-24 08:43:34
End at: 2018-07-24 08:44:04
Local clock offset: -0.401 ms
Remote clock offset: -31.567 ms

Below is generated by plot.py at 2018-07-24 11:57:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 432.06 Mbit/s
95th percentile per-packet one-way delay: 69.185 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 432.06 Mbit/s
95th percentile per-packet one-way delay: 69.185 ms
Loss rate: 12.17%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-24 09:11:12

End at: 2018-07-24 09:11:42

Local clock offset: 1.507 ms

Remote clock offset: -39.431 ms

Below is generated by plot.py at 2018-07-24 11:58:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 436.49 Mbit/s

95th percentile per-packet one-way delay: 58.976 ms

Loss rate: 10.95%

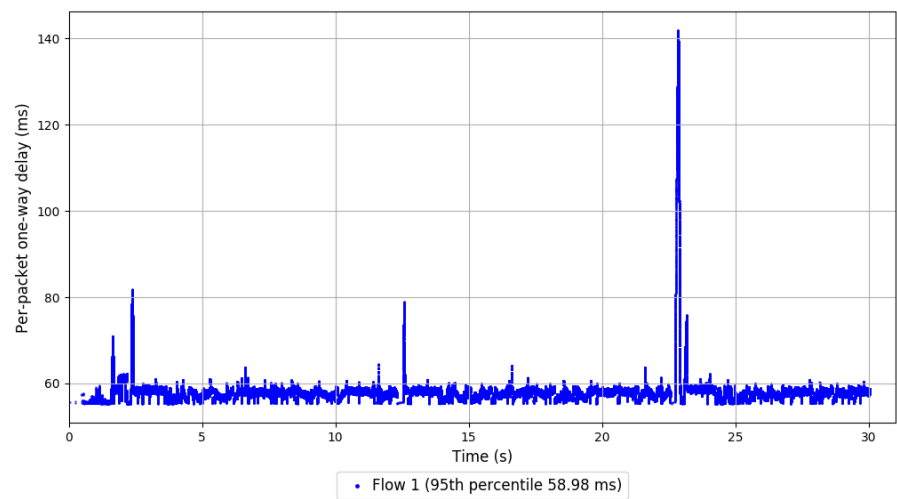
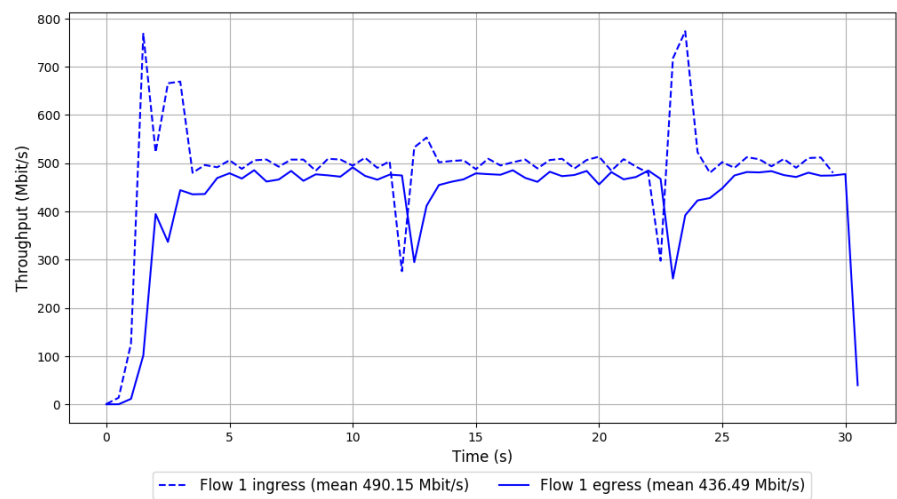
-- Flow 1:

Average throughput: 436.49 Mbit/s

95th percentile per-packet one-way delay: 58.976 ms

Loss rate: 10.95%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-24 09:38:43

End at: 2018-07-24 09:39:13

Local clock offset: -0.275 ms

Remote clock offset: -34.724 ms

Below is generated by plot.py at 2018-07-24 11:58:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 433.10 Mbit/s

95th percentile per-packet one-way delay: 65.317 ms

Loss rate: 10.18%

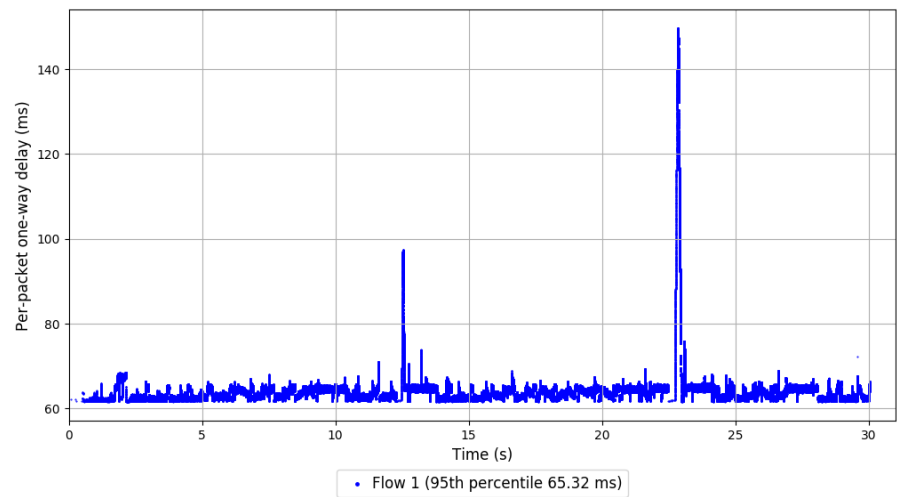
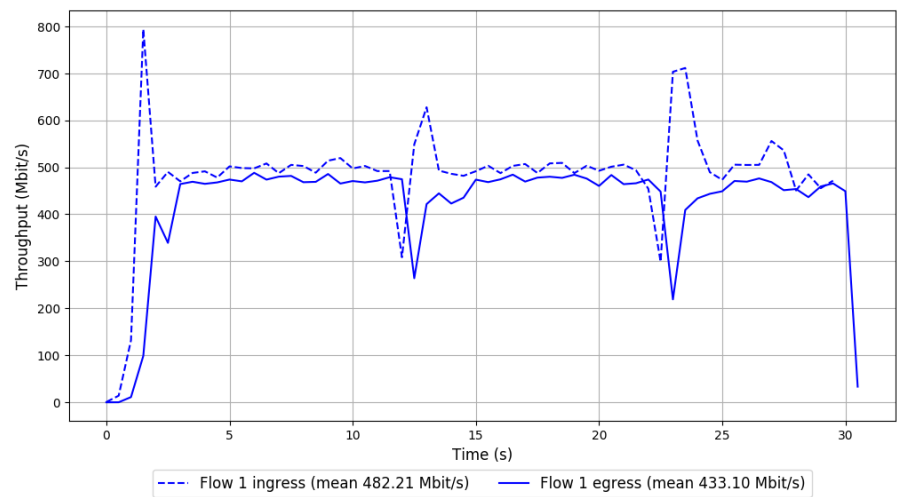
-- Flow 1:

Average throughput: 433.10 Mbit/s

95th percentile per-packet one-way delay: 65.317 ms

Loss rate: 10.18%

Run 6: Report of FillP-Sheep — Data Link

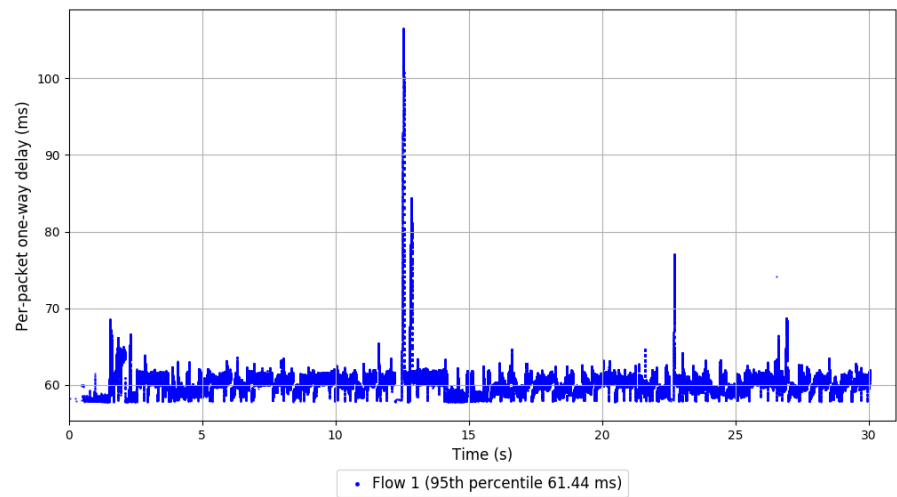
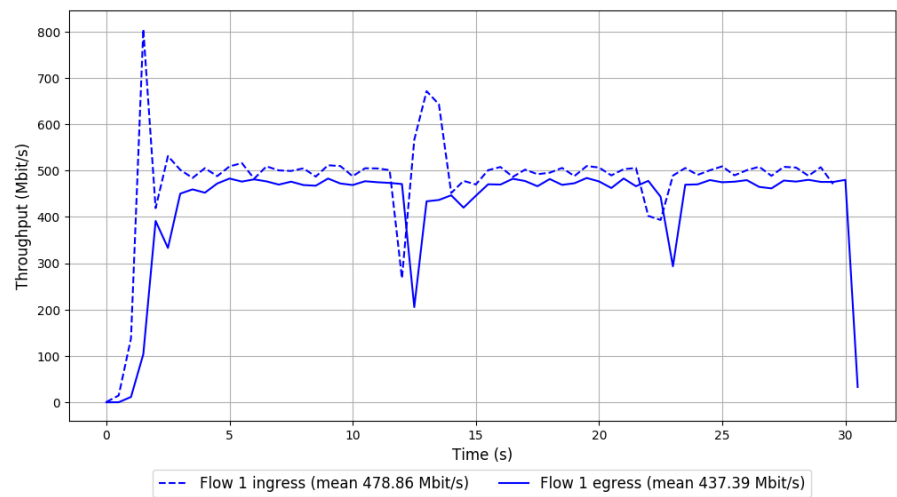


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-24 10:00:49
End at: 2018-07-24 10:01:19
Local clock offset: -0.036 ms
Remote clock offset: -35.726 ms

Below is generated by plot.py at 2018-07-24 12:02:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 437.39 Mbit/s
95th percentile per-packet one-way delay: 61.439 ms
Loss rate: 8.65%
-- Flow 1:
Average throughput: 437.39 Mbit/s
95th percentile per-packet one-way delay: 61.439 ms
Loss rate: 8.65%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-24 10:22:57

End at: 2018-07-24 10:23:27

Local clock offset: 1.189 ms

Remote clock offset: -37.212 ms

Below is generated by plot.py at 2018-07-24 12:02:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 438.60 Mbit/s

95th percentile per-packet one-way delay: 58.897 ms

Loss rate: 8.30%

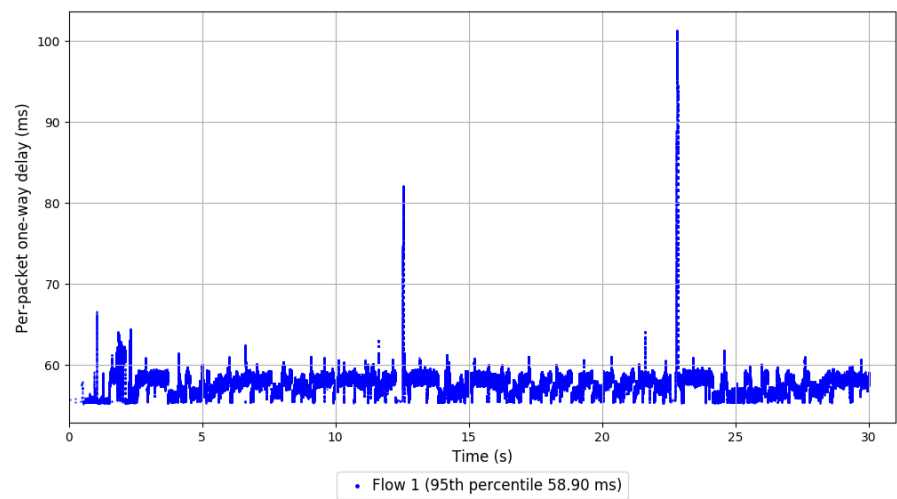
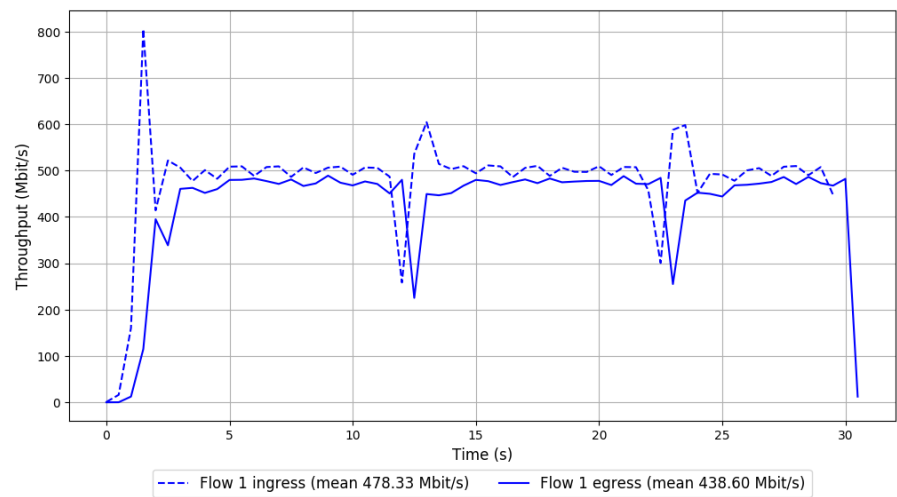
-- Flow 1:

Average throughput: 438.60 Mbit/s

95th percentile per-packet one-way delay: 58.897 ms

Loss rate: 8.30%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-07-24 10:45:00

End at: 2018-07-24 10:45:30

Local clock offset: 3.987 ms

Remote clock offset: -38.853 ms

Below is generated by plot.py at 2018-07-24 12:02:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 434.33 Mbit/s

95th percentile per-packet one-way delay: 54.839 ms

Loss rate: 10.87%

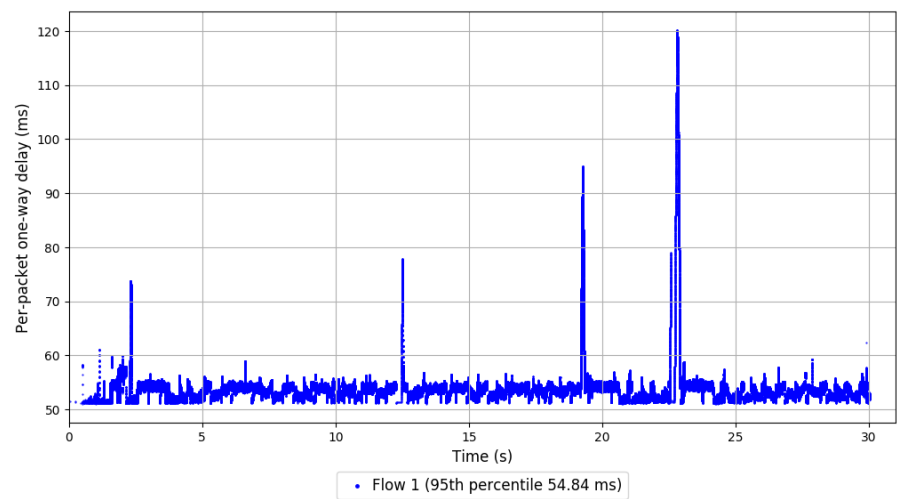
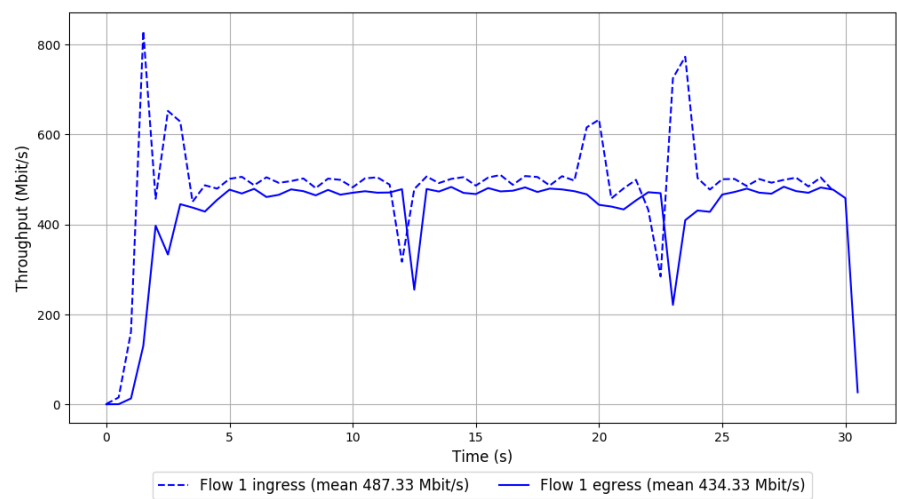
-- Flow 1:

Average throughput: 434.33 Mbit/s

95th percentile per-packet one-way delay: 54.839 ms

Loss rate: 10.87%

Run 9: Report of FillP-Sheep — Data Link

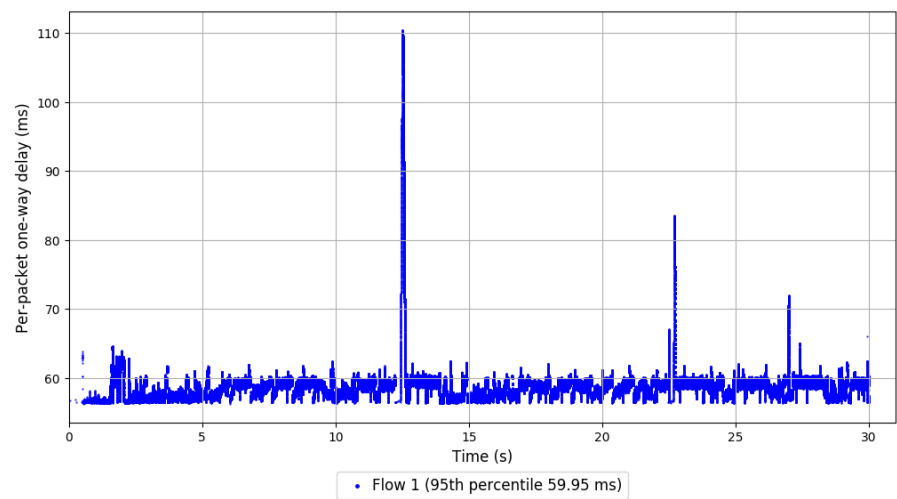
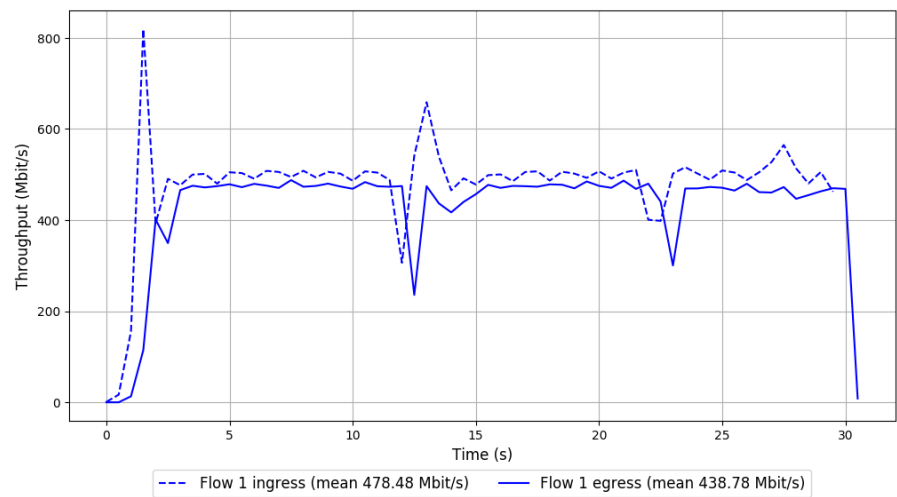


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-24 11:24:00
End at: 2018-07-24 11:24:30
Local clock offset: -0.95 ms
Remote clock offset: -38.925 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 438.78 Mbit/s
95th percentile per-packet one-way delay: 59.945 ms
Loss rate: 8.29%
-- Flow 1:
Average throughput: 438.78 Mbit/s
95th percentile per-packet one-way delay: 59.945 ms
Loss rate: 8.29%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-24 06:56:26

End at: 2018-07-24 06:56:56

Local clock offset: 2.2 ms

Remote clock offset: -40.274 ms

Below is generated by plot.py at 2018-07-24 12:02:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 147.45 Mbit/s

95th percentile per-packet one-way delay: 76.847 ms

Loss rate: 1.07%

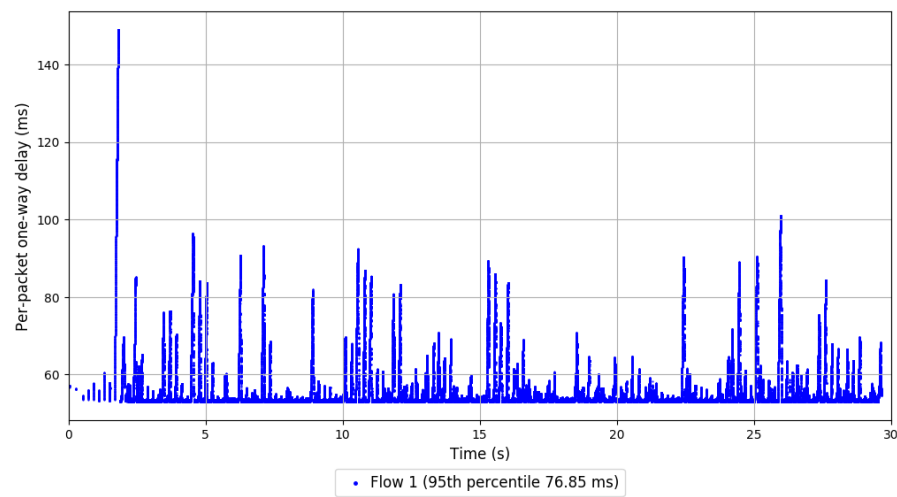
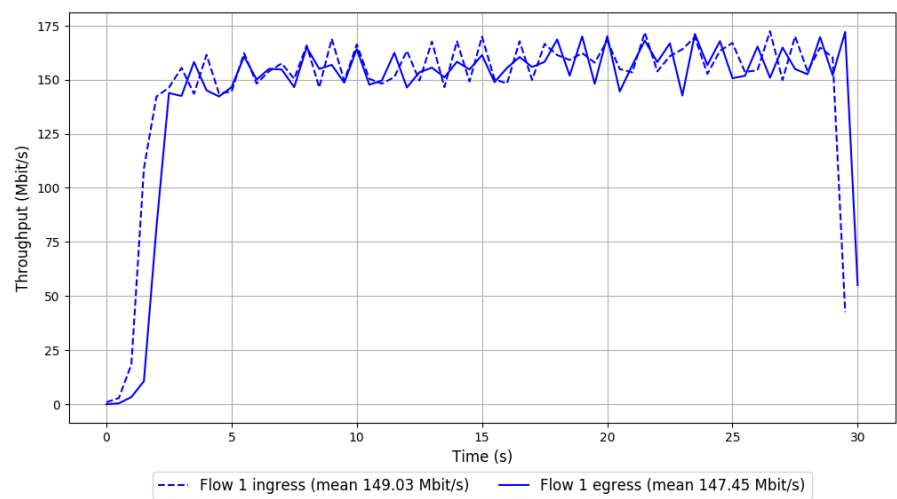
-- Flow 1:

Average throughput: 147.45 Mbit/s

95th percentile per-packet one-way delay: 76.847 ms

Loss rate: 1.07%

Run 1: Report of Indigo — Data Link

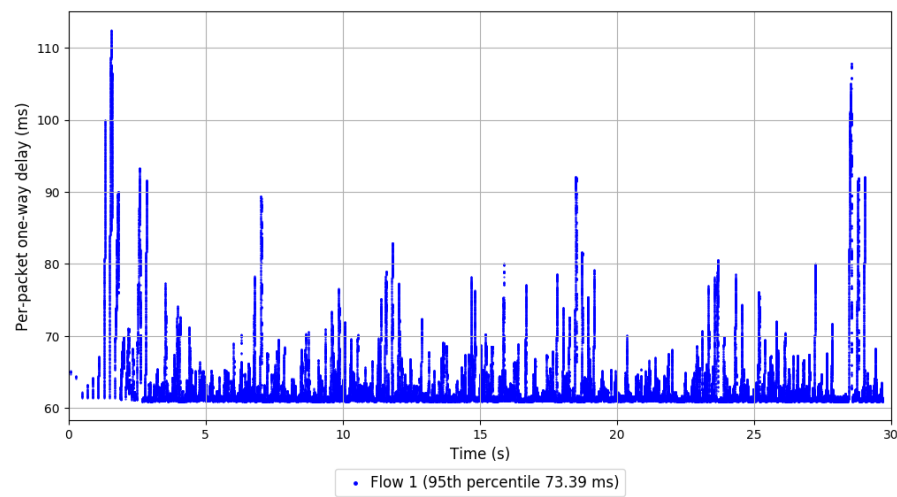
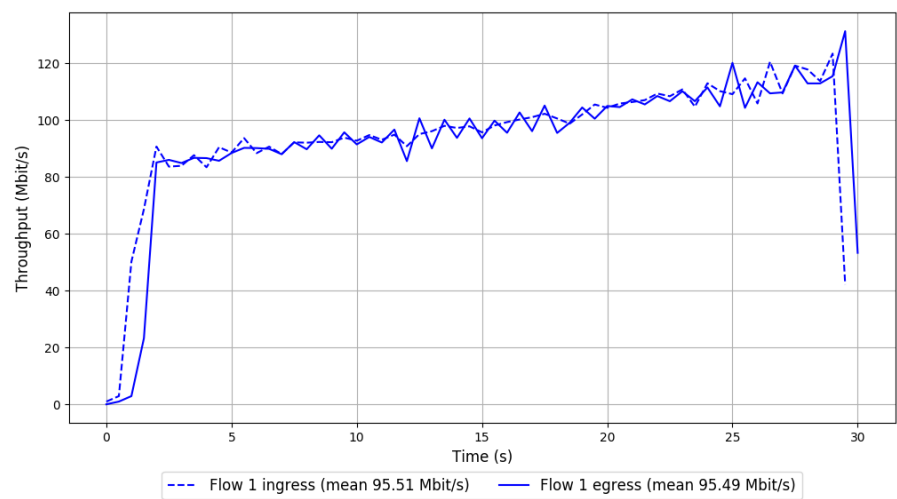


Run 2: Statistics of Indigo

Start at: 2018-07-24 07:24:14
End at: 2018-07-24 07:24:44
Local clock offset: 0.343 ms
Remote clock offset: -36.671 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 73.391 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 73.391 ms
Loss rate: 0.05%

Run 2: Report of Indigo — Data Link

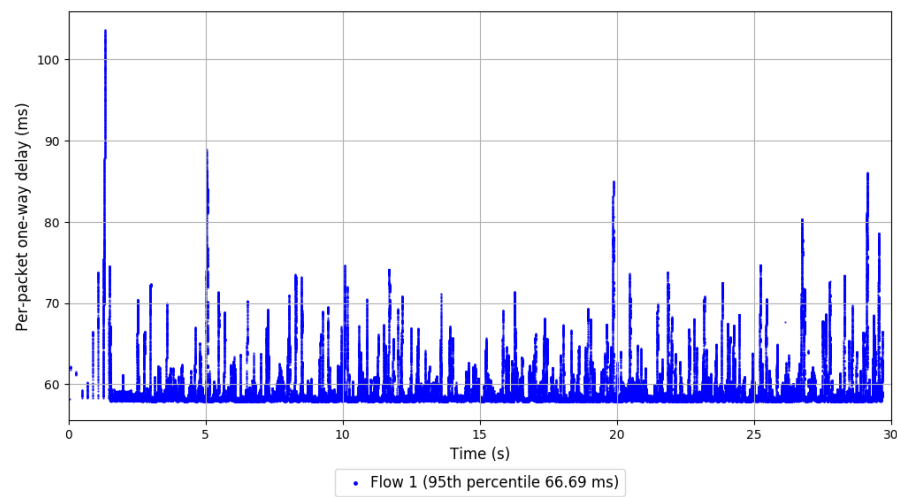
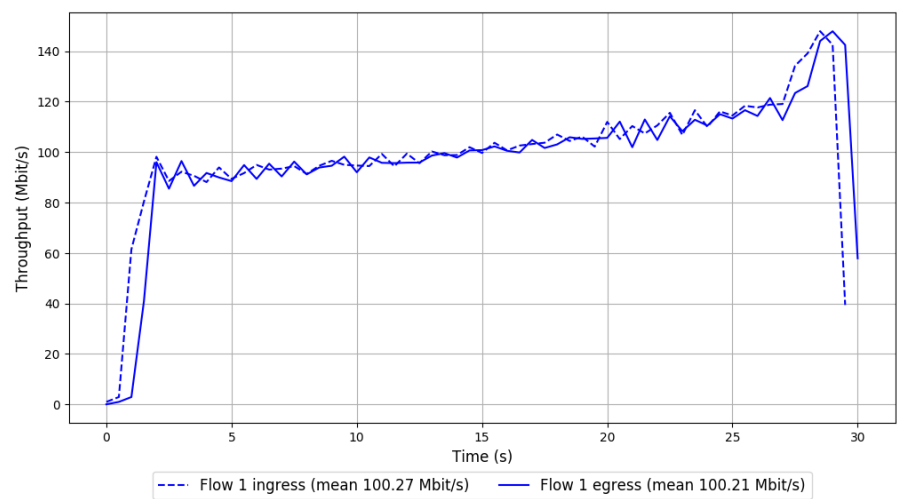


Run 3: Statistics of Indigo

Start at: 2018-07-24 08:07:08
End at: 2018-07-24 08:07:38
Local clock offset: -0.642 ms
Remote clock offset: -36.947 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.21 Mbit/s
95th percentile per-packet one-way delay: 66.691 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 100.21 Mbit/s
95th percentile per-packet one-way delay: 66.691 ms
Loss rate: 0.06%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-24 08:34:54

End at: 2018-07-24 08:35:24

Local clock offset: 0.216 ms

Remote clock offset: -32.454 ms

Run 4: Report of Indigo — Data Link

Figure is missing

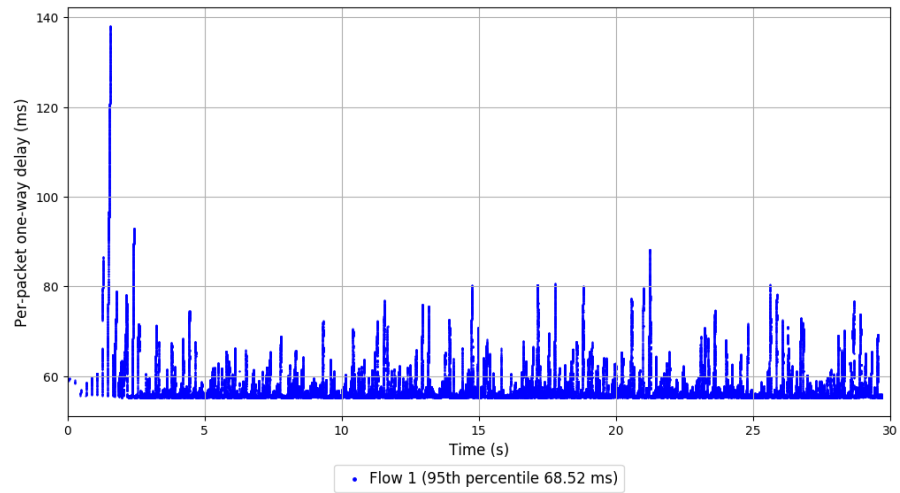
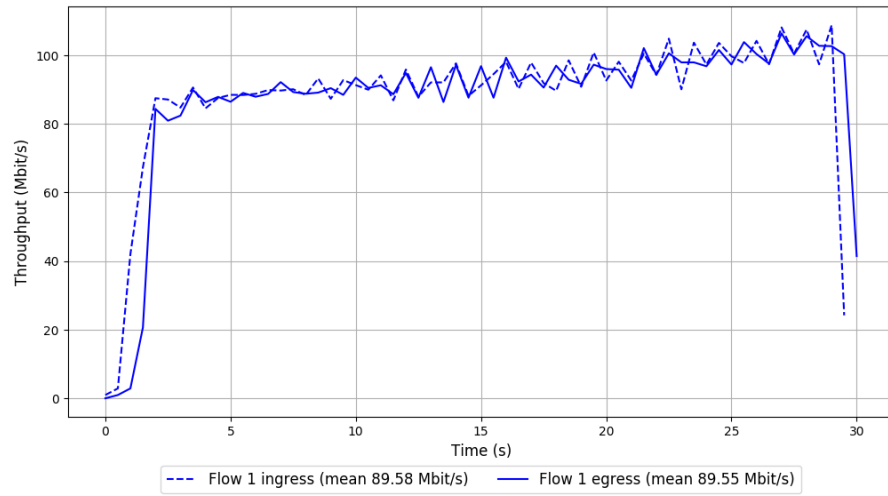
Figure is missing

Run 5: Statistics of Indigo

Start at: 2018-07-24 09:07:34
End at: 2018-07-24 09:08:04
Local clock offset: -1.098 ms
Remote clock offset: -39.289 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.55 Mbit/s
95th percentile per-packet one-way delay: 68.516 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 89.55 Mbit/s
95th percentile per-packet one-way delay: 68.516 ms
Loss rate: 0.05%

Run 5: Report of Indigo — Data Link

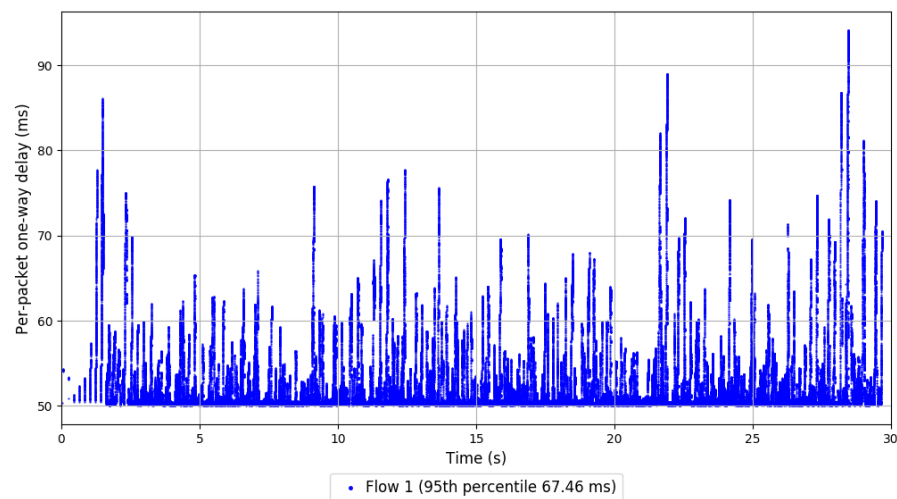
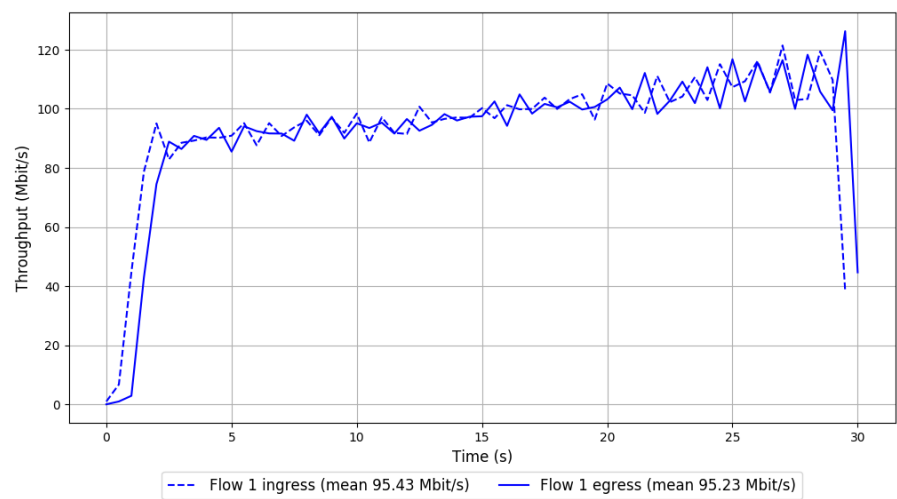


Run 6: Statistics of Indigo

Start at: 2018-07-24 09:35:04
End at: 2018-07-24 09:35:34
Local clock offset: -0.078 ms
Remote clock offset: -43.123 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 67.458 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 67.458 ms
Loss rate: 0.15%

Run 6: Report of Indigo — Data Link

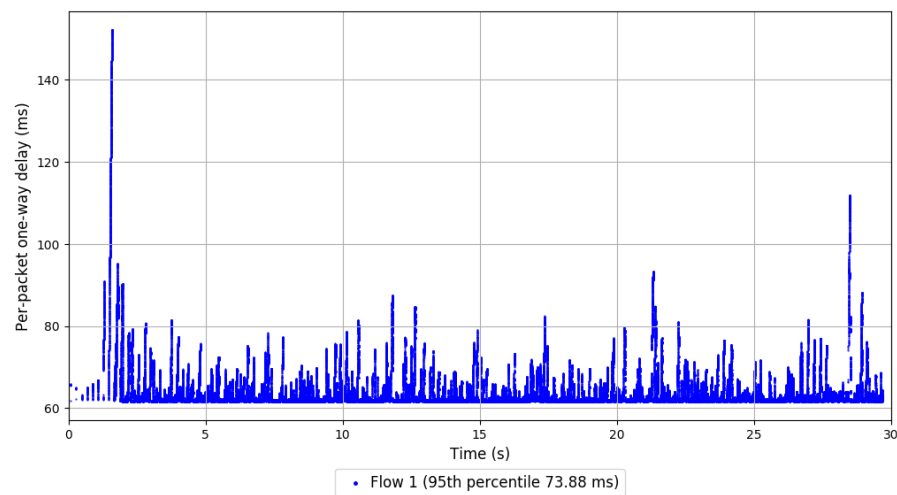
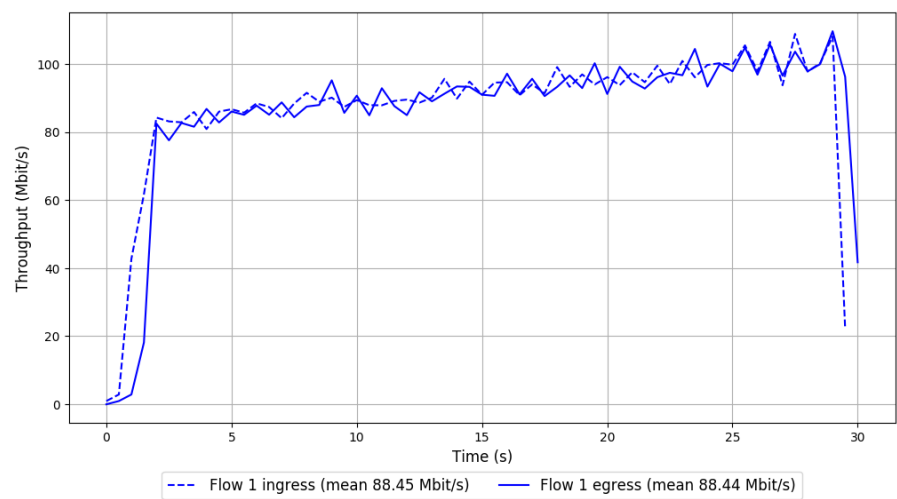


Run 7: Statistics of Indigo

Start at: 2018-07-24 09:57:10
End at: 2018-07-24 09:57:40
Local clock offset: -1.113 ms
Remote clock offset: -35.907 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 73.879 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 73.879 ms
Loss rate: 0.01%

Run 7: Report of Indigo — Data Link

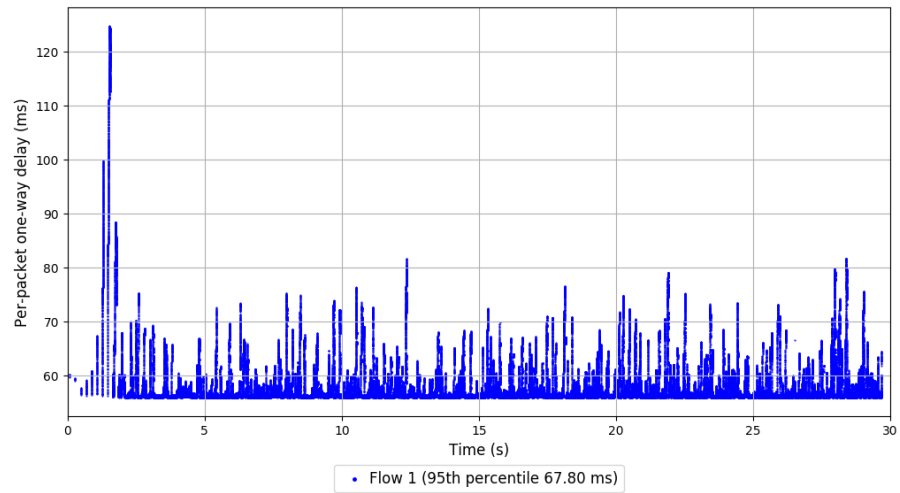
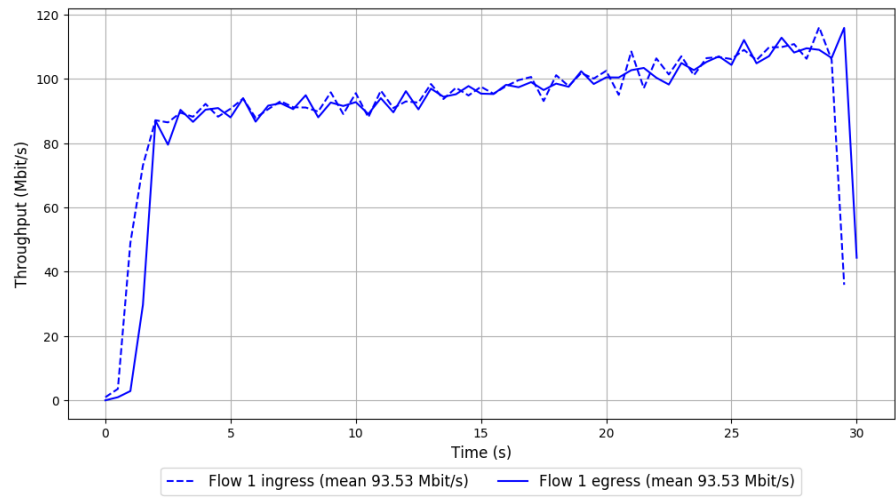


Run 8: Statistics of Indigo

Start at: 2018-07-24 10:19:18
End at: 2018-07-24 10:19:48
Local clock offset: 1.098 ms
Remote clock offset: -36.545 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 67.798 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 67.798 ms
Loss rate: 0.01%

Run 8: Report of Indigo — Data Link

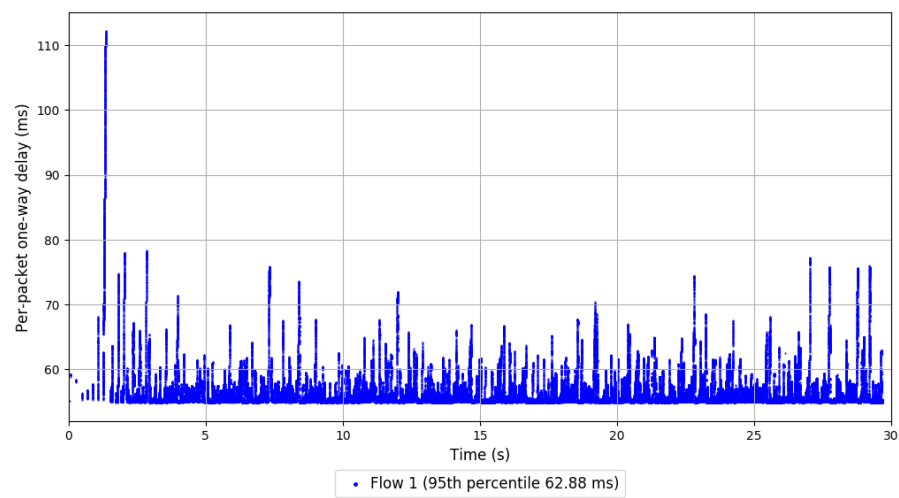
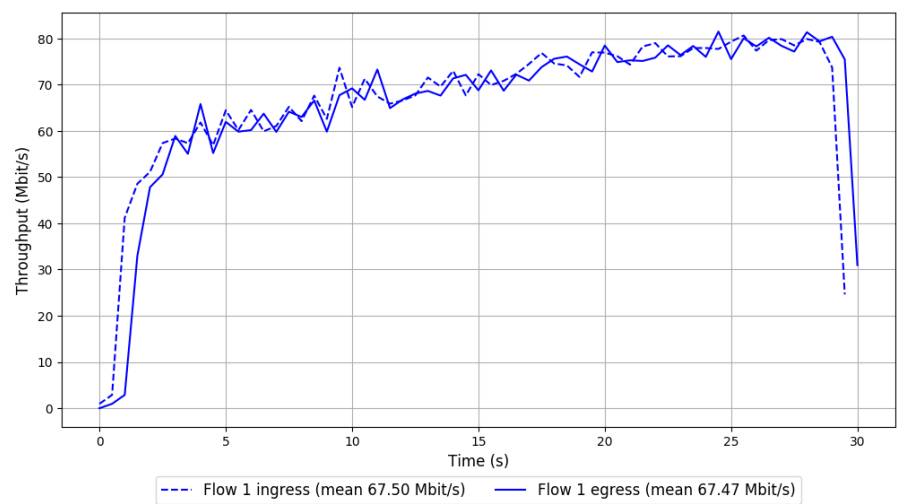


Run 9: Statistics of Indigo

Start at: 2018-07-24 10:41:23
End at: 2018-07-24 10:41:53
Local clock offset: 1.19 ms
Remote clock offset: -37.597 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 62.884 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 62.884 ms
Loss rate: 0.04%

Run 9: Report of Indigo — Data Link

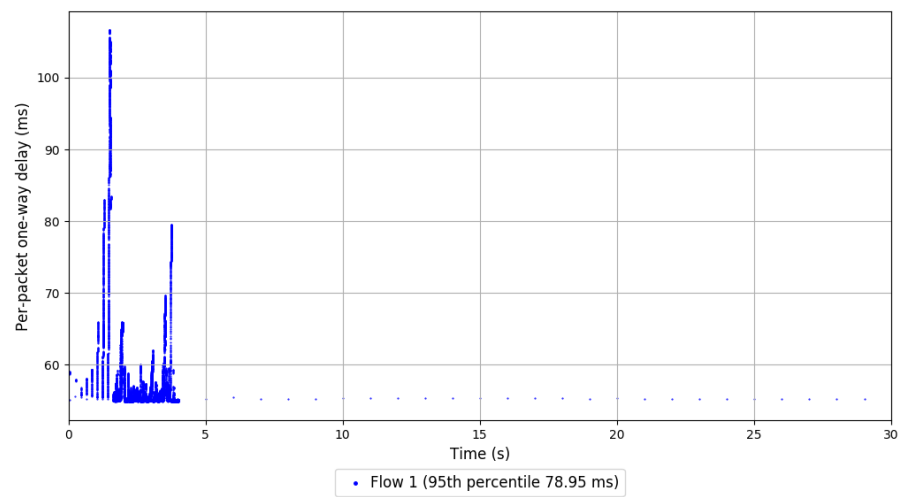
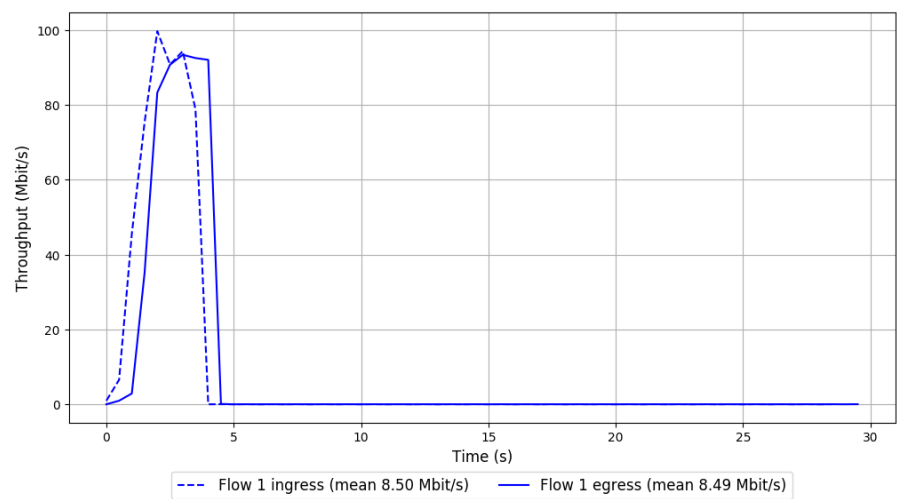


Run 10: Statistics of Indigo

Start at: 2018-07-24 11:14:50
End at: 2018-07-24 11:15:20
Local clock offset: -0.889 ms
Remote clock offset: -39.985 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.49 Mbit/s
95th percentile per-packet one-way delay: 78.952 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 8.49 Mbit/s
95th percentile per-packet one-way delay: 78.952 ms
Loss rate: 0.20%

Run 10: Report of Indigo — Data Link

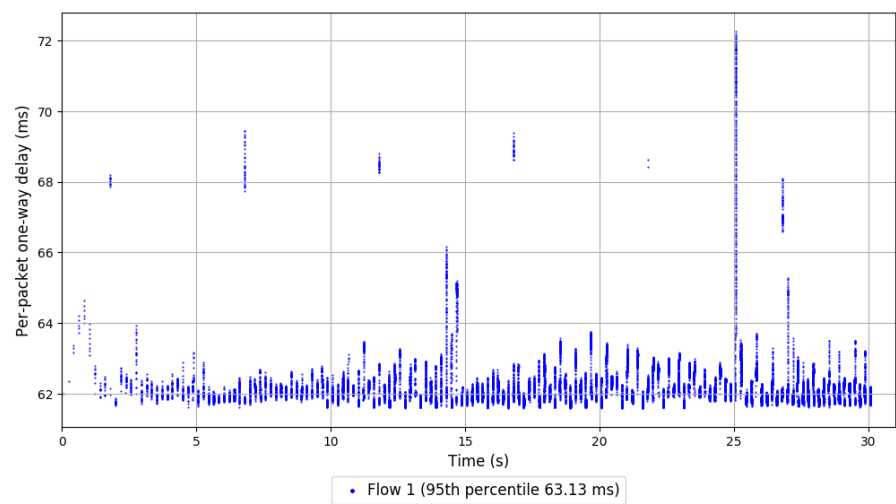
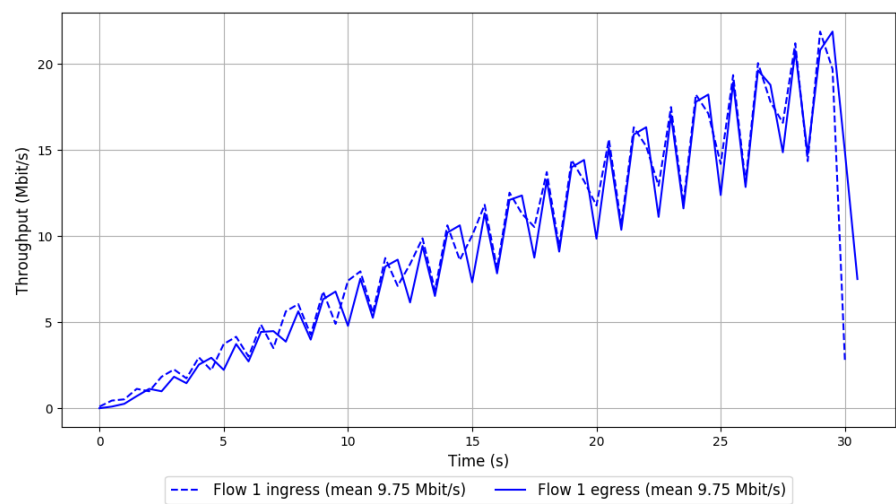


Run 1: Statistics of LEDBAT

Start at: 2018-07-24 06:43:29
End at: 2018-07-24 06:43:59
Local clock offset: 1.194 ms
Remote clock offset: -32.458 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 63.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 63.130 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

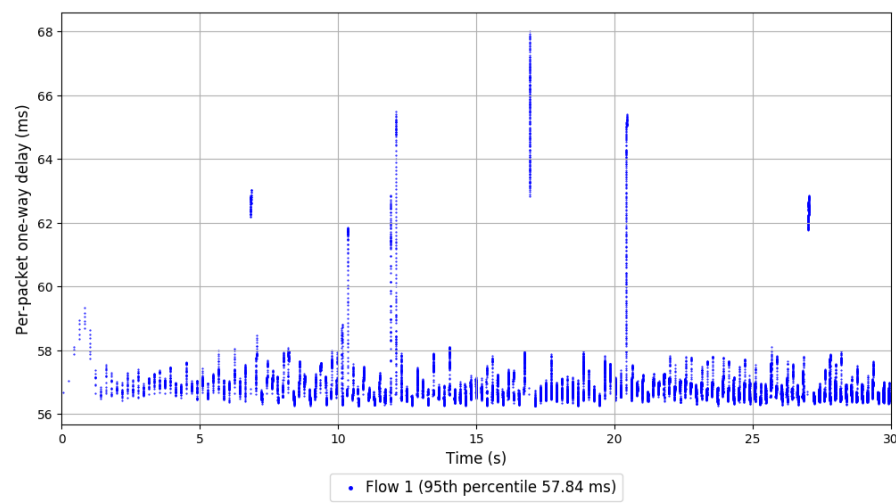
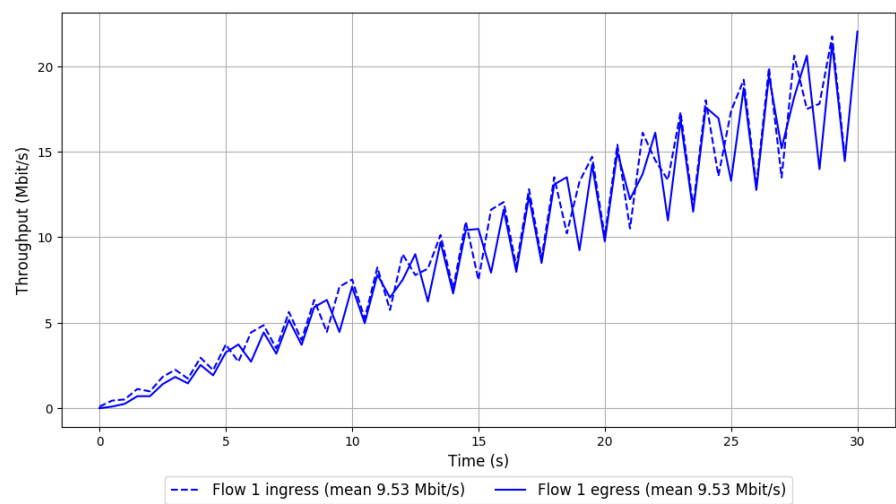


Run 2: Statistics of LEDBAT

Start at: 2018-07-24 07:05:34
End at: 2018-07-24 07:06:04
Local clock offset: 1.642 ms
Remote clock offset: -37.029 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 57.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 57.836 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

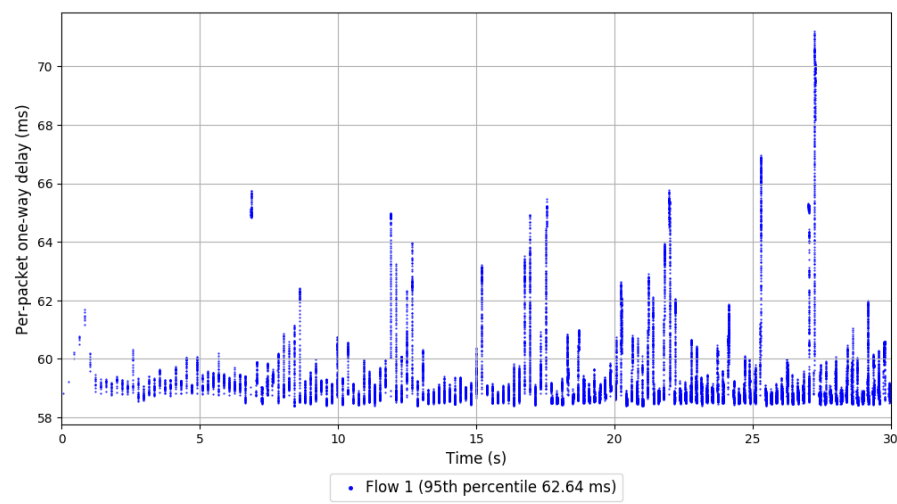
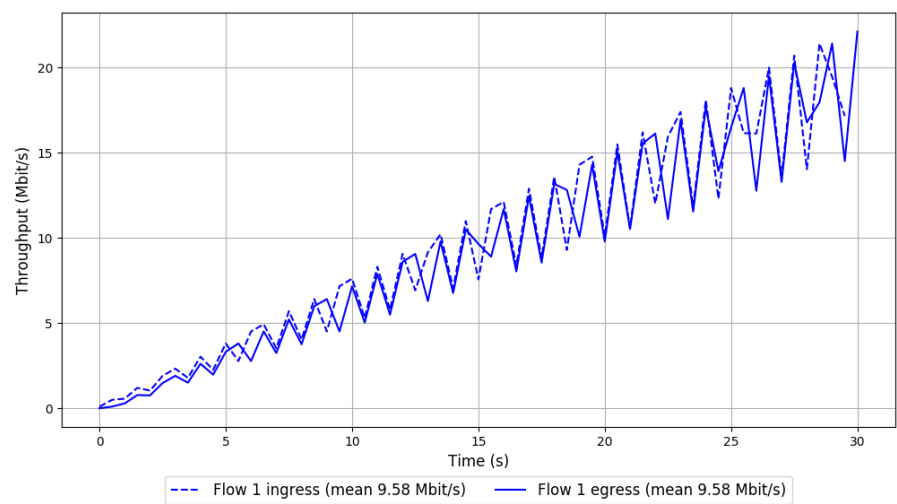


Run 3: Statistics of LEDBAT

Start at: 2018-07-24 07:33:23
End at: 2018-07-24 07:33:53
Local clock offset: 0.621 ms
Remote clock offset: -35.394 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 62.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 62.638 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

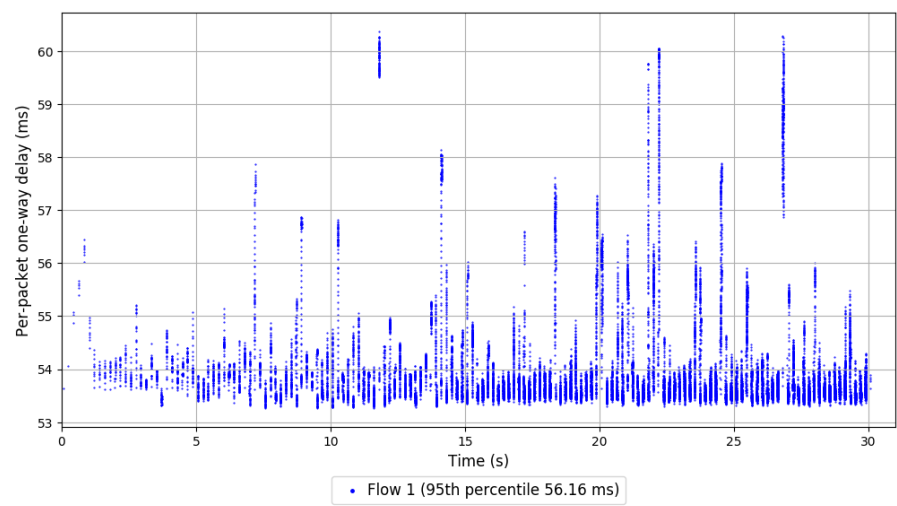
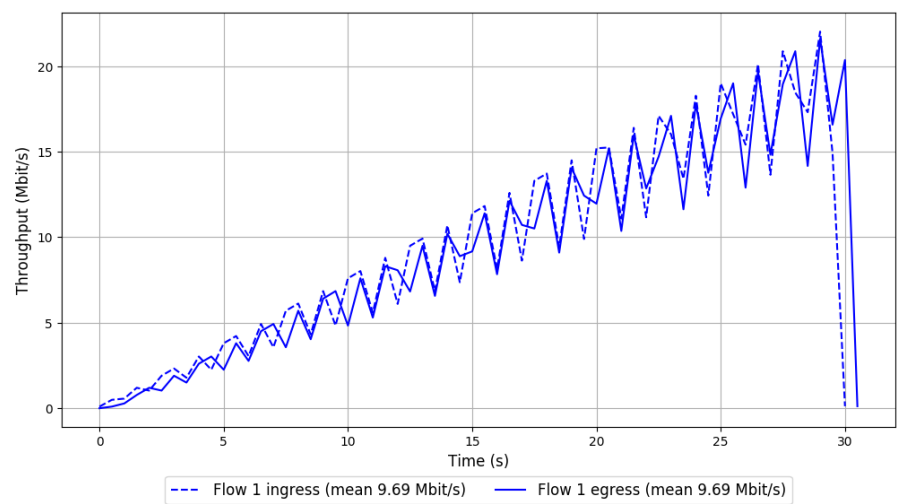


Run 4: Statistics of LEDBAT

Start at: 2018-07-24 08:21:56
End at: 2018-07-24 08:22:26
Local clock offset: 0.299 ms
Remote clock offset: -40.495 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 56.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 56.157 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

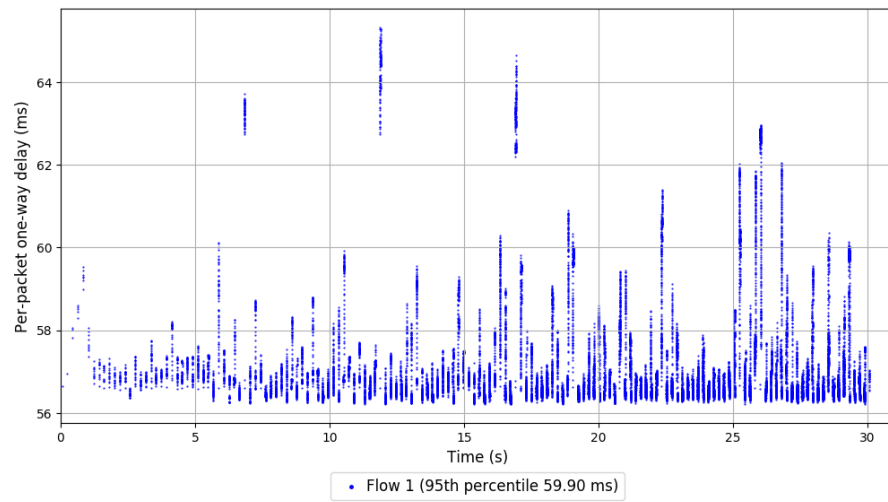
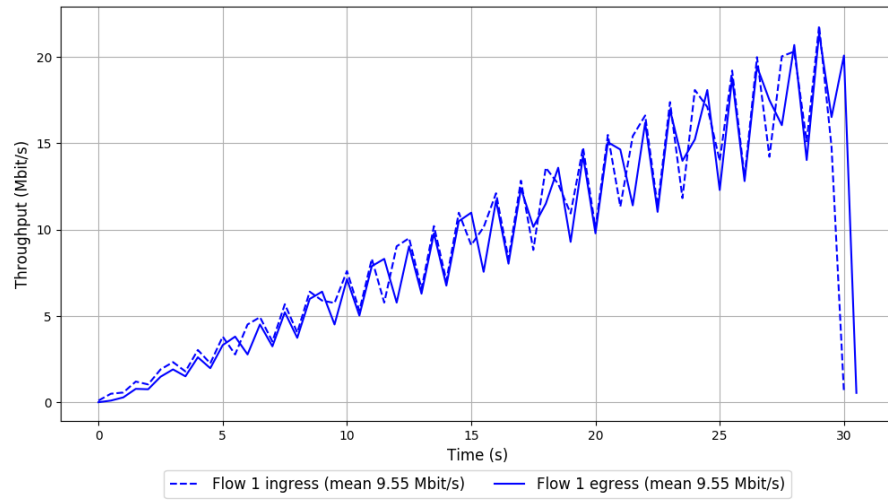


Run 5: Statistics of LEDBAT

Start at: 2018-07-24 08:49:04
End at: 2018-07-24 08:49:34
Local clock offset: 0.019 ms
Remote clock offset: -37.051 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.55 Mbit/s
95th percentile per-packet one-way delay: 59.904 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.55 Mbit/s
95th percentile per-packet one-way delay: 59.904 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

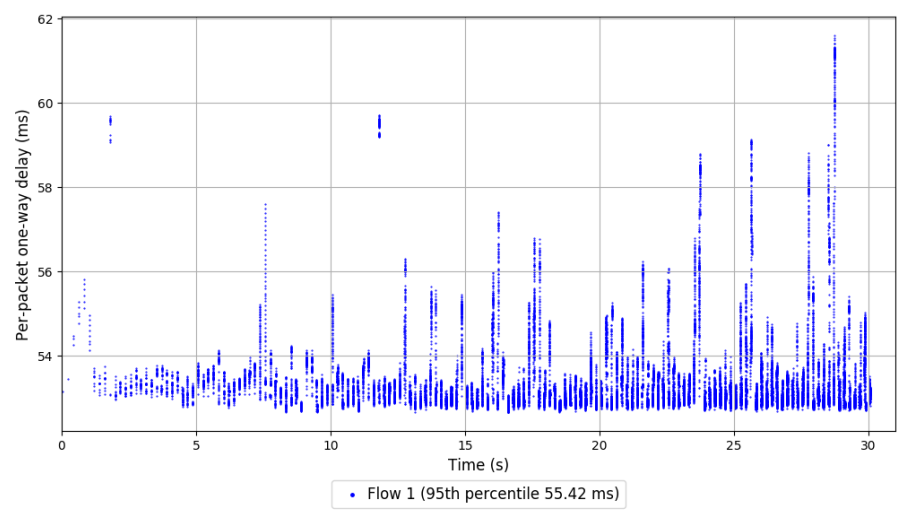
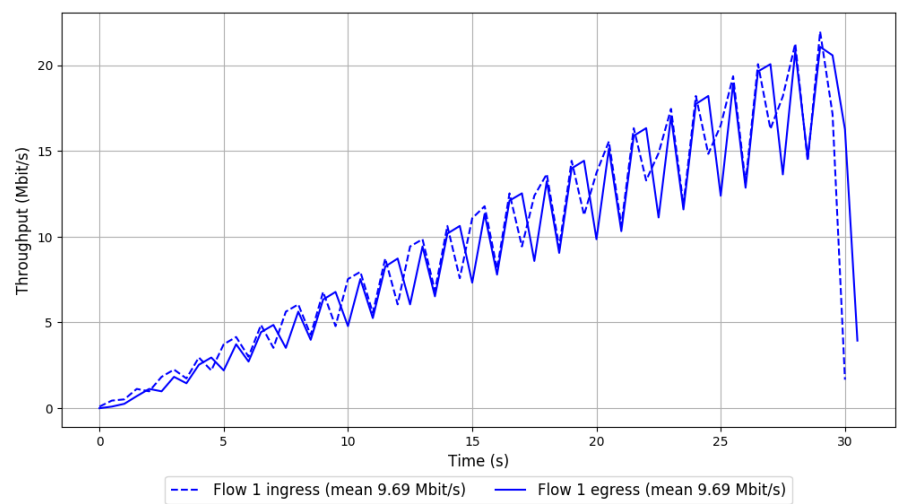


Run 6: Statistics of LEDBAT

Start at: 2018-07-24 09:16:43
End at: 2018-07-24 09:17:13
Local clock offset: -0.072 ms
Remote clock offset: -40.763 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 55.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 55.416 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

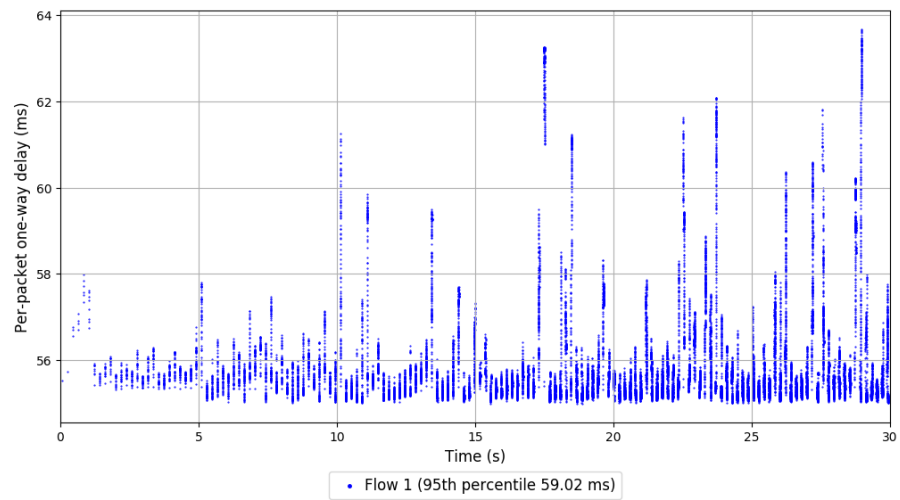
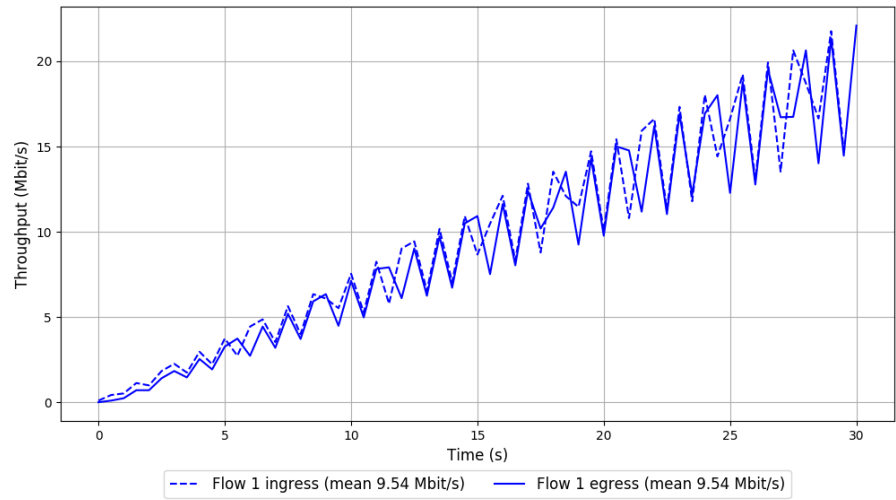


Run 7: Statistics of LEDBAT

Start at: 2018-07-24 09:44:13
End at: 2018-07-24 09:44:43
Local clock offset: -0.846 ms
Remote clock offset: -39.068 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 59.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 59.024 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

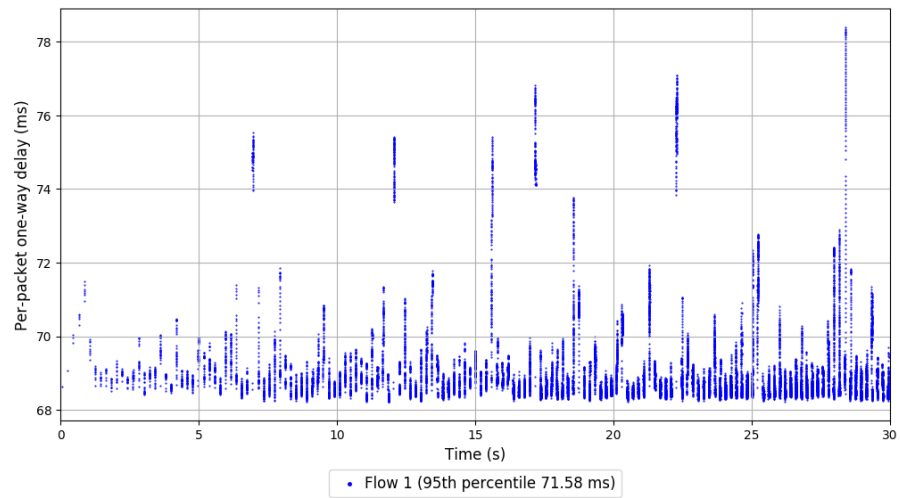
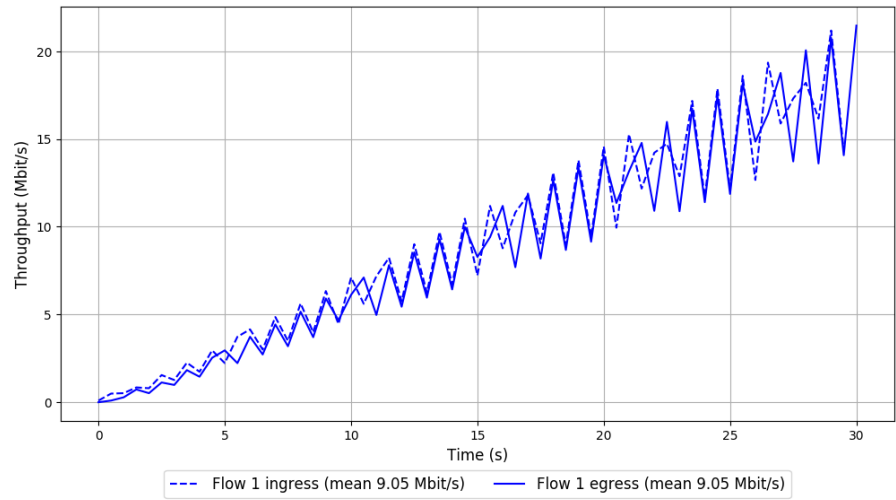


Run 8: Statistics of LEDBAT

Start at: 2018-07-24 10:06:19
End at: 2018-07-24 10:06:49
Local clock offset: -1.876 ms
Remote clock offset: -29.684 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 71.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 71.582 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

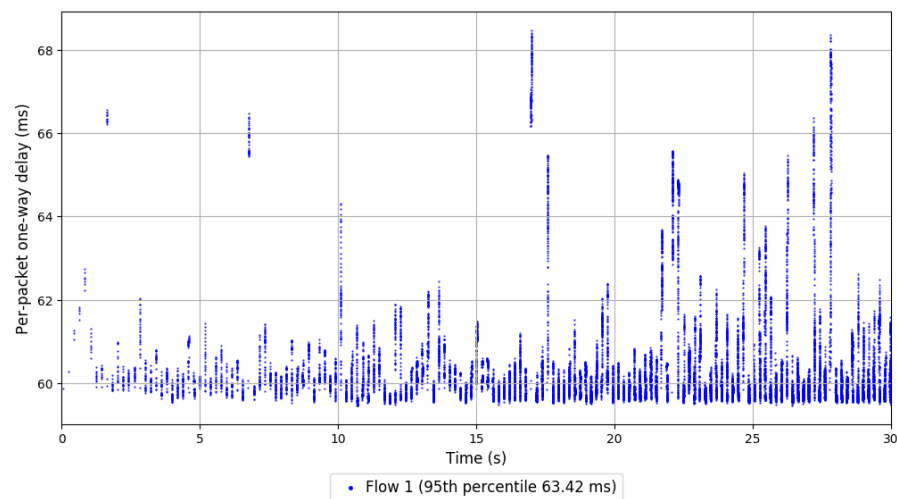
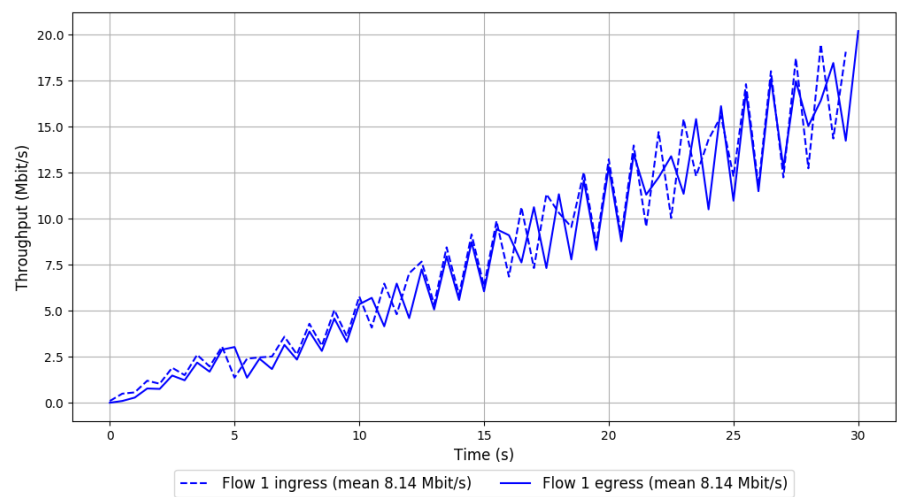


Run 9: Statistics of LEDBAT

Start at: 2018-07-24 10:28:28
End at: 2018-07-24 10:28:58
Local clock offset: -0.512 ms
Remote clock offset: -37.234 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 63.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 63.417 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

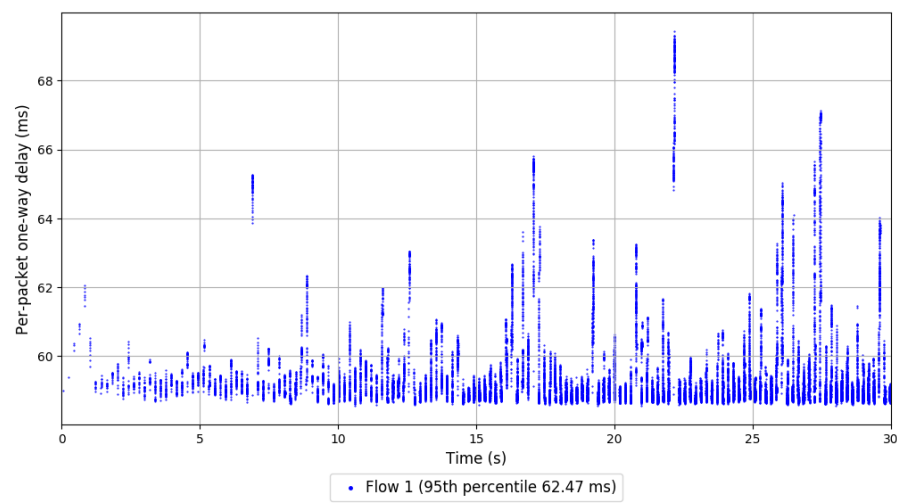
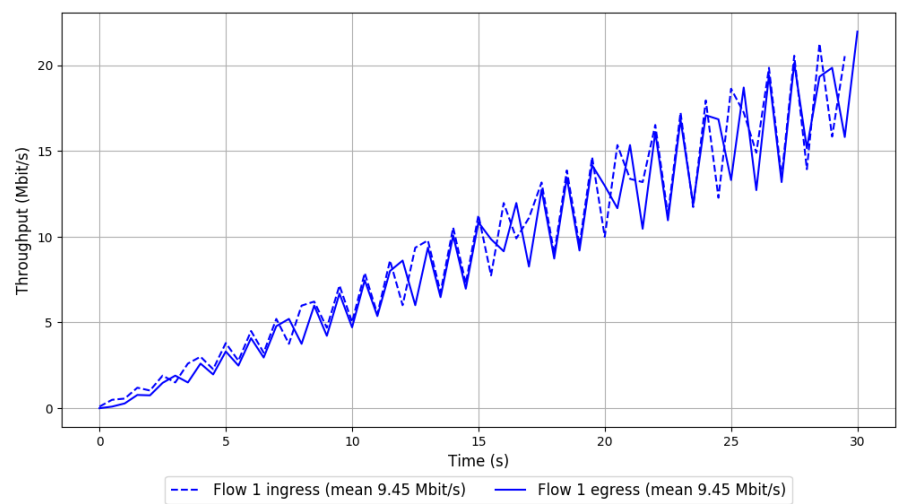


Run 10: Statistics of LEDBAT

Start at: 2018-07-24 10:56:01
End at: 2018-07-24 10:56:31
Local clock offset: 1.223 ms
Remote clock offset: -36.919 ms

Below is generated by plot.py at 2018-07-24 12:02:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 62.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 62.472 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-24 07:01:33

End at: 2018-07-24 07:02:03

Local clock offset: 1.422 ms

Remote clock offset: -38.529 ms

Below is generated by plot.py at 2018-07-24 12:05:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 480.10 Mbit/s

95th percentile per-packet one-way delay: 58.359 ms

Loss rate: 3.66%

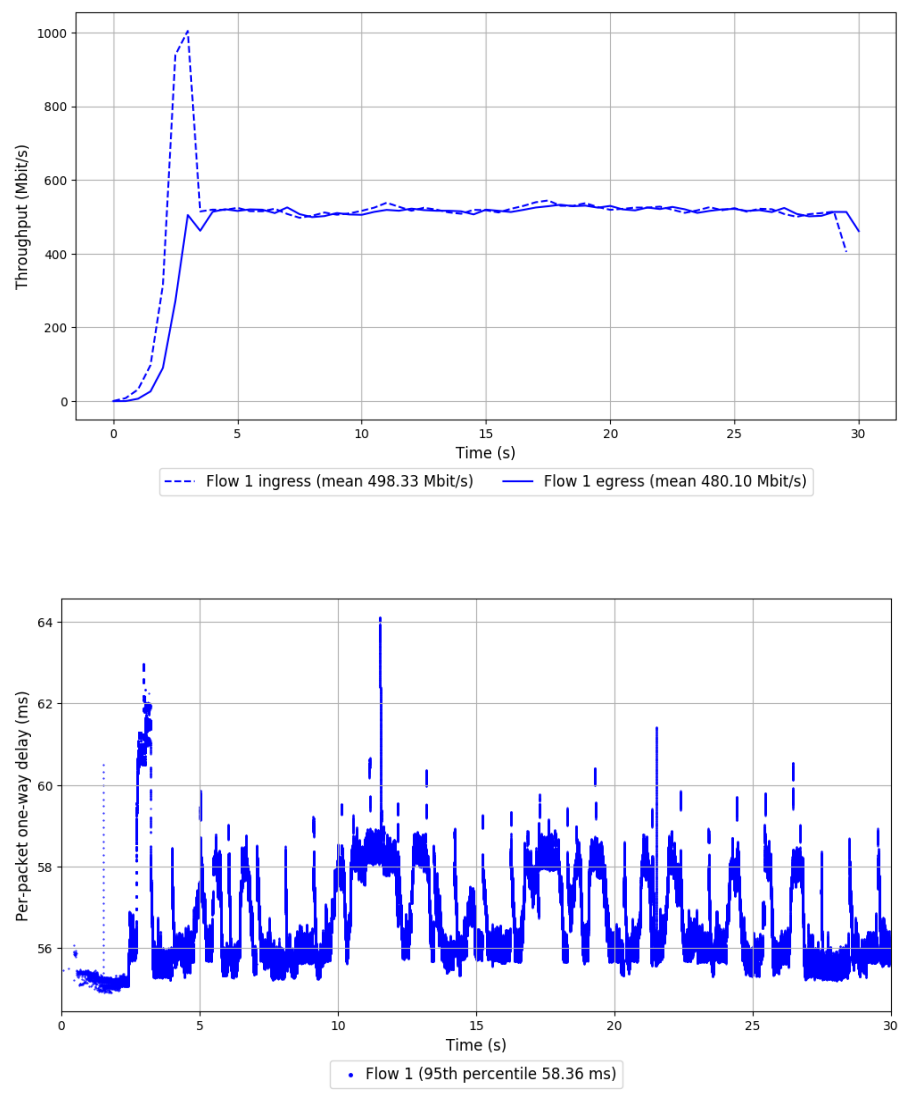
-- Flow 1:

Average throughput: 480.10 Mbit/s

95th percentile per-packet one-way delay: 58.359 ms

Loss rate: 3.66%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-24 07:29:22

End at: 2018-07-24 07:29:52

Local clock offset: 2.121 ms

Remote clock offset: -36.587 ms

Below is generated by plot.py at 2018-07-24 12:05:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 460.35 Mbit/s

95th percentile per-packet one-way delay: 58.935 ms

Loss rate: 3.61%

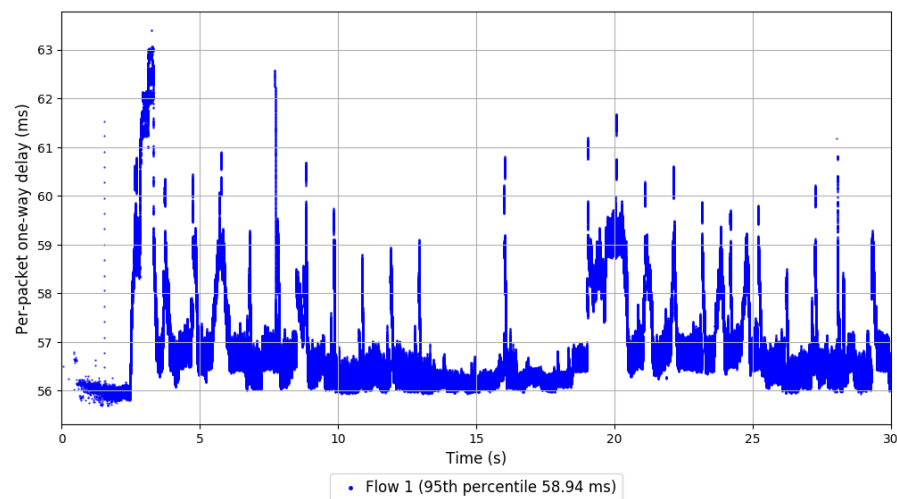
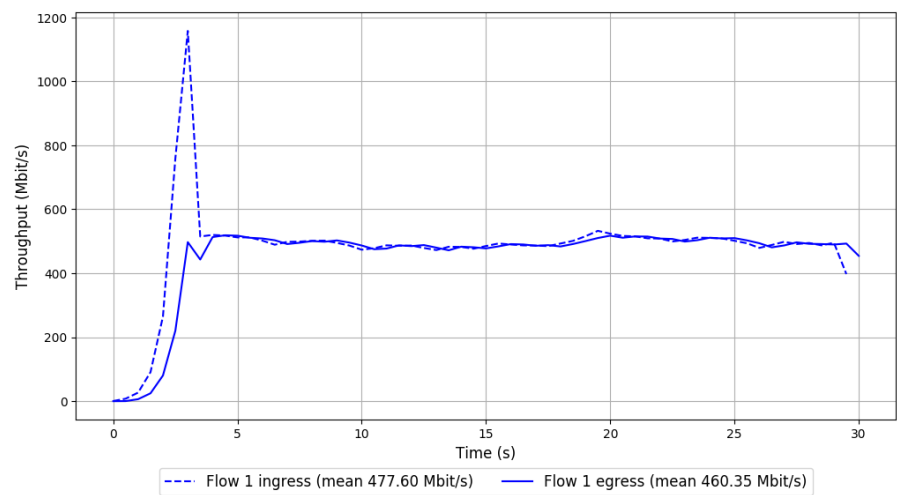
-- Flow 1:

Average throughput: 460.35 Mbit/s

95th percentile per-packet one-way delay: 58.935 ms

Loss rate: 3.61%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-24 08:17:55

End at: 2018-07-24 08:18:25

Local clock offset: -0.286 ms

Remote clock offset: -40.653 ms

Below is generated by plot.py at 2018-07-24 12:05:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 469.61 Mbit/s

95th percentile per-packet one-way delay: 56.639 ms

Loss rate: 3.75%

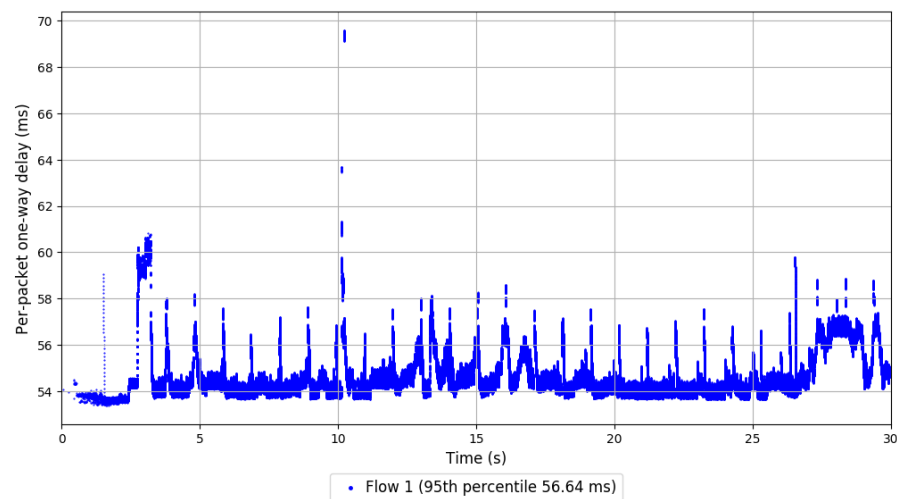
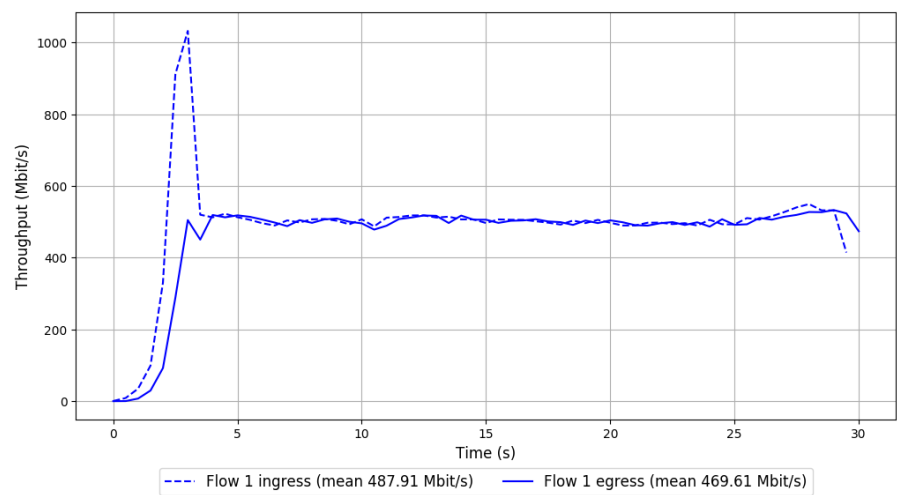
-- Flow 1:

Average throughput: 469.61 Mbit/s

95th percentile per-packet one-way delay: 56.639 ms

Loss rate: 3.75%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-24 08:45:03

End at: 2018-07-24 08:45:33

Local clock offset: 1.116 ms

Remote clock offset: -37.619 ms

Below is generated by plot.py at 2018-07-24 12:05:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 468.54 Mbit/s

95th percentile per-packet one-way delay: 58.024 ms

Loss rate: 3.52%

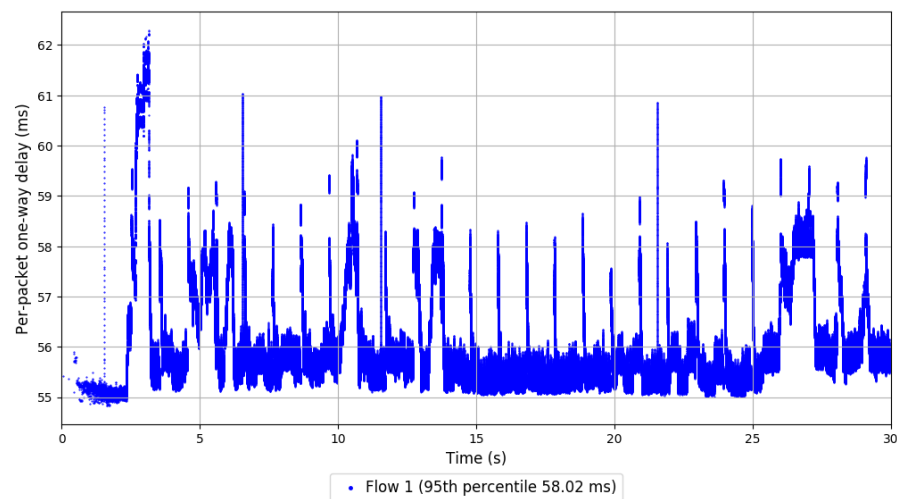
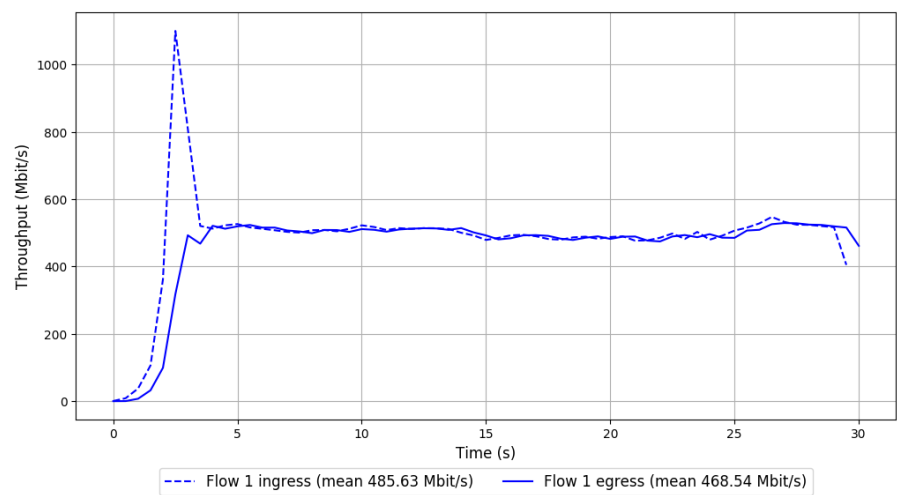
-- Flow 1:

Average throughput: 468.54 Mbit/s

95th percentile per-packet one-way delay: 58.024 ms

Loss rate: 3.52%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-24 09:12:41

End at: 2018-07-24 09:13:11

Local clock offset: -0.954 ms

Remote clock offset: -36.262 ms

Below is generated by plot.py at 2018-07-24 12:07:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 465.56 Mbit/s

95th percentile per-packet one-way delay: 61.185 ms

Loss rate: 3.65%

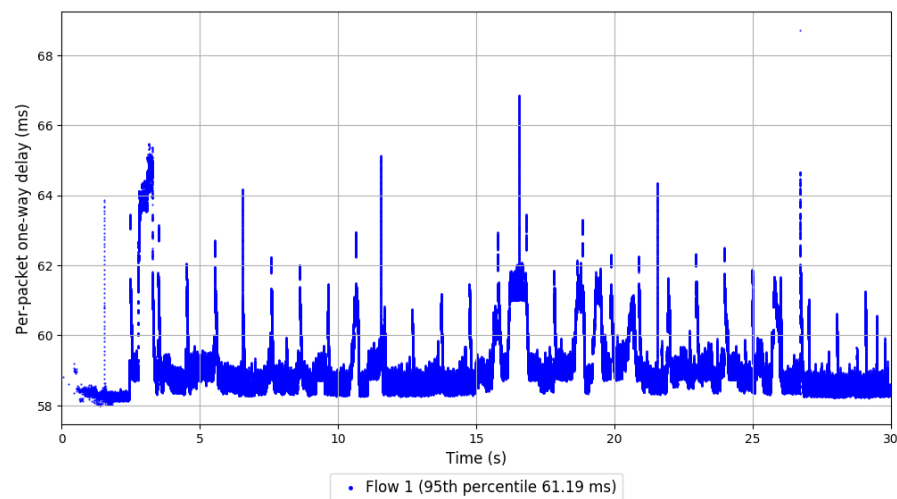
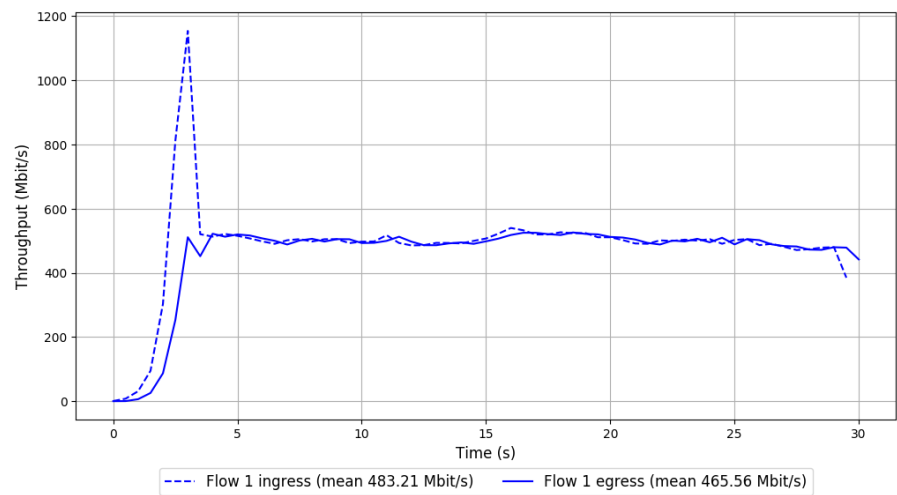
-- Flow 1:

Average throughput: 465.56 Mbit/s

95th percentile per-packet one-way delay: 61.185 ms

Loss rate: 3.65%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-24 09:40:12

End at: 2018-07-24 09:40:42

Local clock offset: -0.51 ms

Remote clock offset: -40.471 ms

Below is generated by plot.py at 2018-07-24 12:08:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 472.18 Mbit/s

95th percentile per-packet one-way delay: 56.514 ms

Loss rate: 3.06%

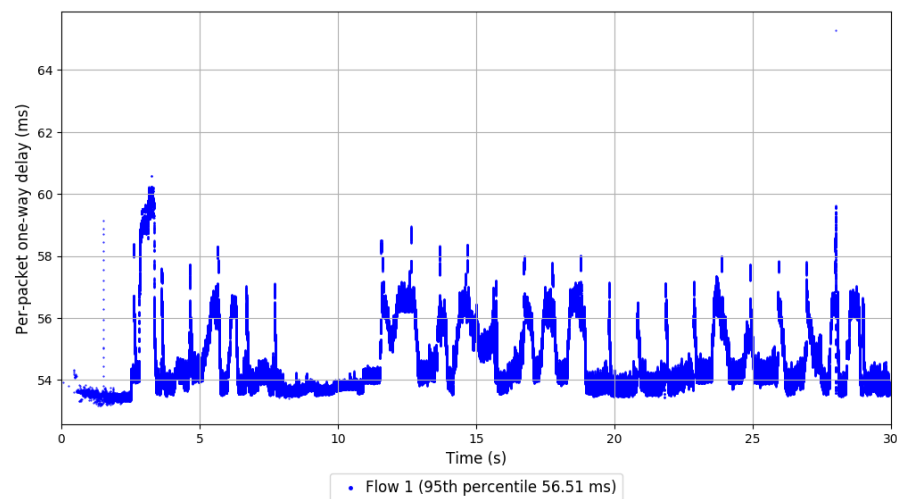
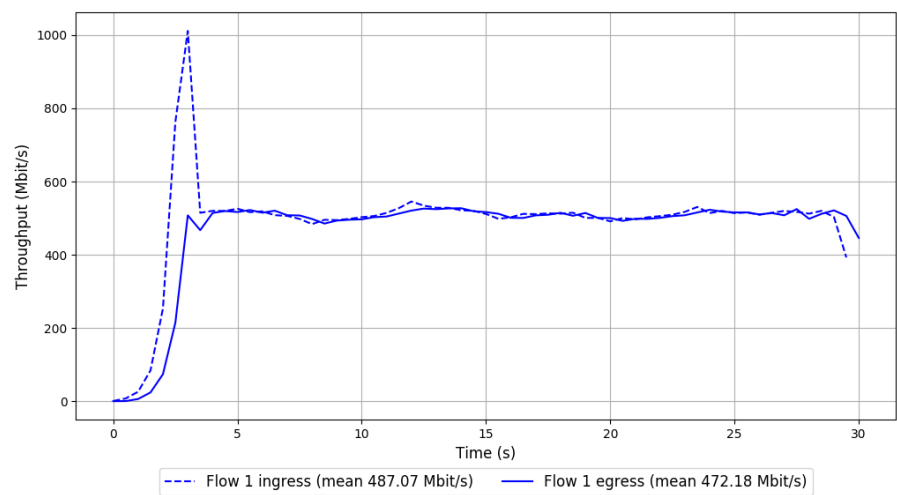
-- Flow 1:

Average throughput: 472.18 Mbit/s

95th percentile per-packet one-way delay: 56.514 ms

Loss rate: 3.06%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-24 10:02:18

End at: 2018-07-24 10:02:48

Local clock offset: -1.412 ms

Remote clock offset: -37.26 ms

Below is generated by plot.py at 2018-07-24 12:08:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 459.36 Mbit/s

95th percentile per-packet one-way delay: 63.656 ms

Loss rate: 3.96%

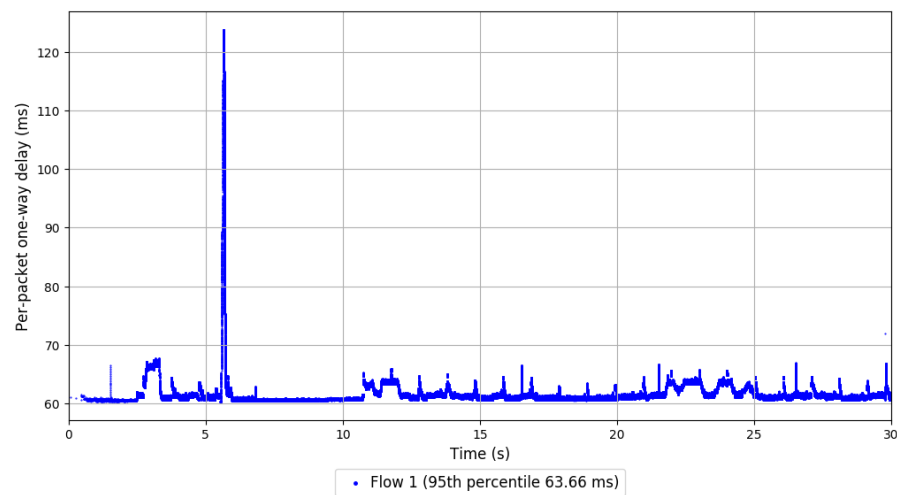
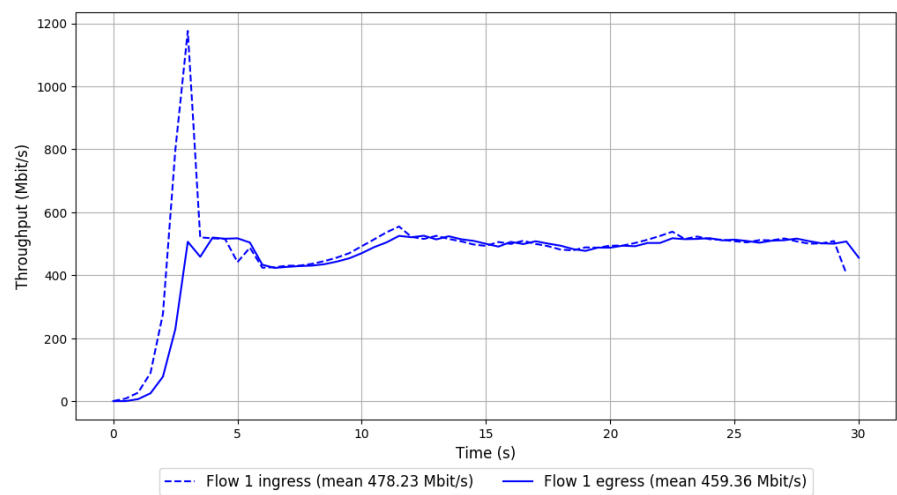
-- Flow 1:

Average throughput: 459.36 Mbit/s

95th percentile per-packet one-way delay: 63.656 ms

Loss rate: 3.96%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-24 10:24:27

End at: 2018-07-24 10:24:57

Local clock offset: -1.377 ms

Remote clock offset: -39.611 ms

Below is generated by plot.py at 2018-07-24 12:08:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 470.54 Mbit/s

95th percentile per-packet one-way delay: 61.352 ms

Loss rate: 3.24%

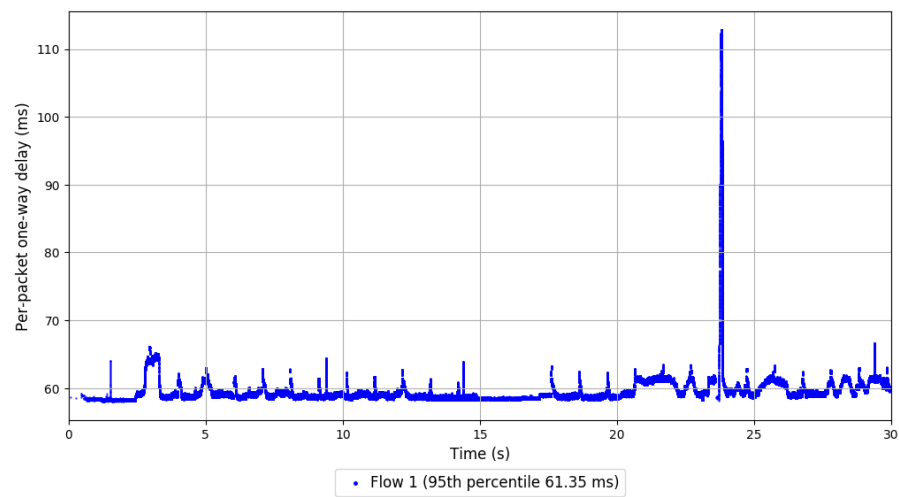
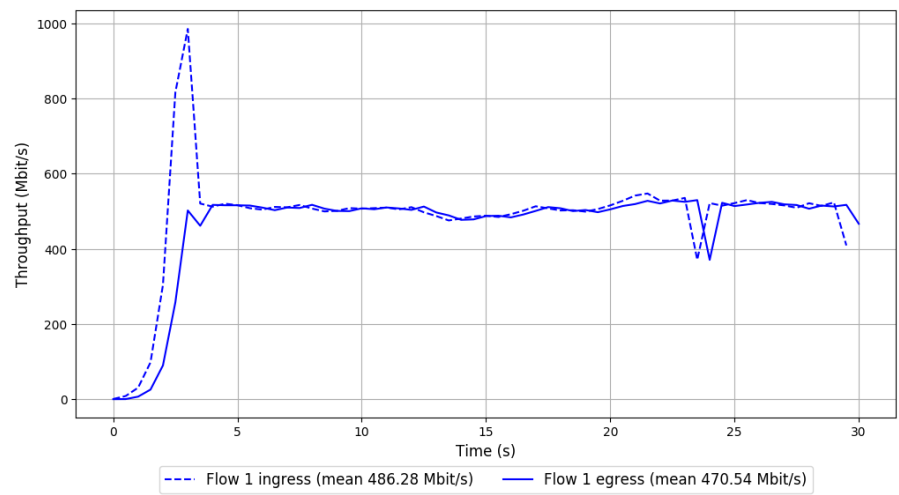
-- Flow 1:

Average throughput: 470.54 Mbit/s

95th percentile per-packet one-way delay: 61.352 ms

Loss rate: 3.24%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-24 10:46:29

End at: 2018-07-24 10:46:59

Local clock offset: -0.103 ms

Remote clock offset: -39.343 ms

Below is generated by plot.py at 2018-07-24 12:11:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 462.03 Mbit/s

95th percentile per-packet one-way delay: 57.639 ms

Loss rate: 3.74%

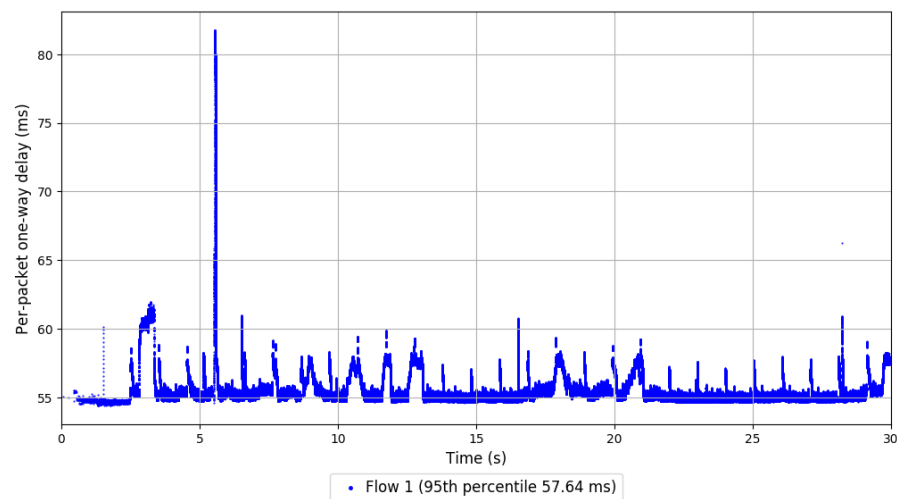
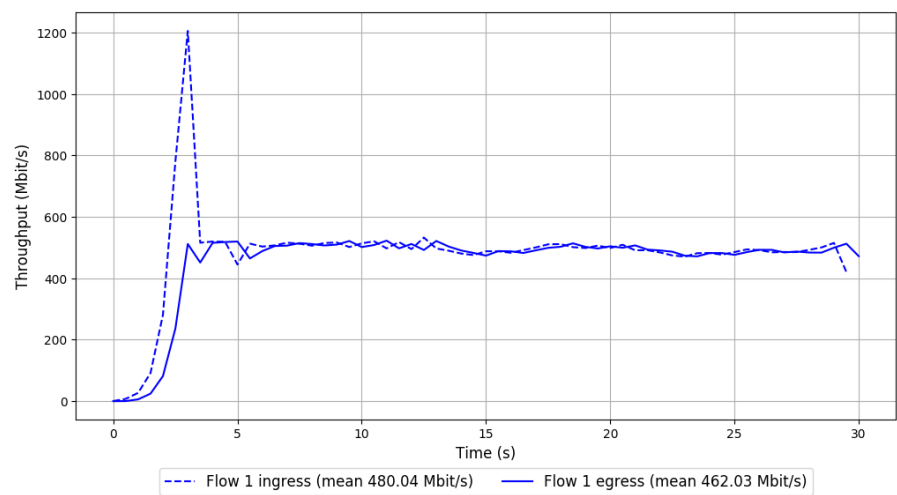
-- Flow 1:

Average throughput: 462.03 Mbit/s

95th percentile per-packet one-way delay: 57.639 ms

Loss rate: 3.74%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-24 11:31:02

End at: 2018-07-24 11:31:32

Local clock offset: -0.658 ms

Remote clock offset: -38.277 ms

Below is generated by plot.py at 2018-07-24 12:11:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 459.90 Mbit/s

95th percentile per-packet one-way delay: 60.095 ms

Loss rate: 3.18%

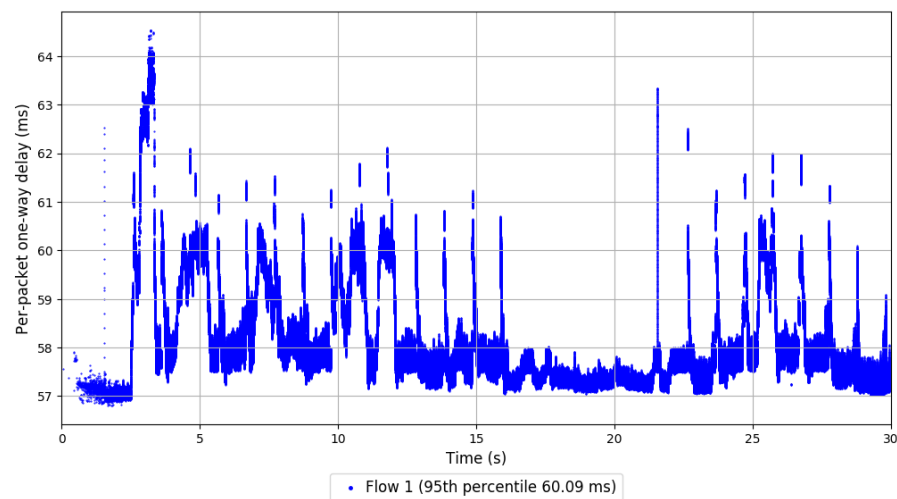
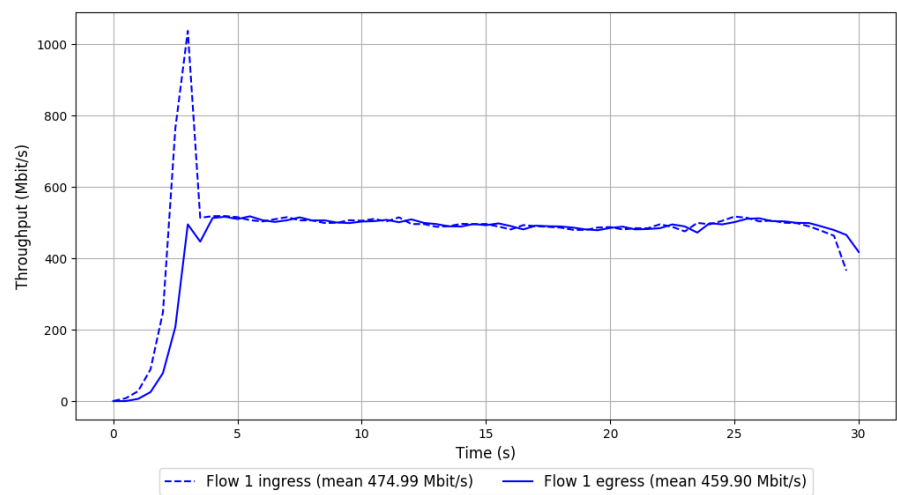
-- Flow 1:

Average throughput: 459.90 Mbit/s

95th percentile per-packet one-way delay: 60.095 ms

Loss rate: 3.18%

Run 10: Report of PCC-Allegro — Data Link

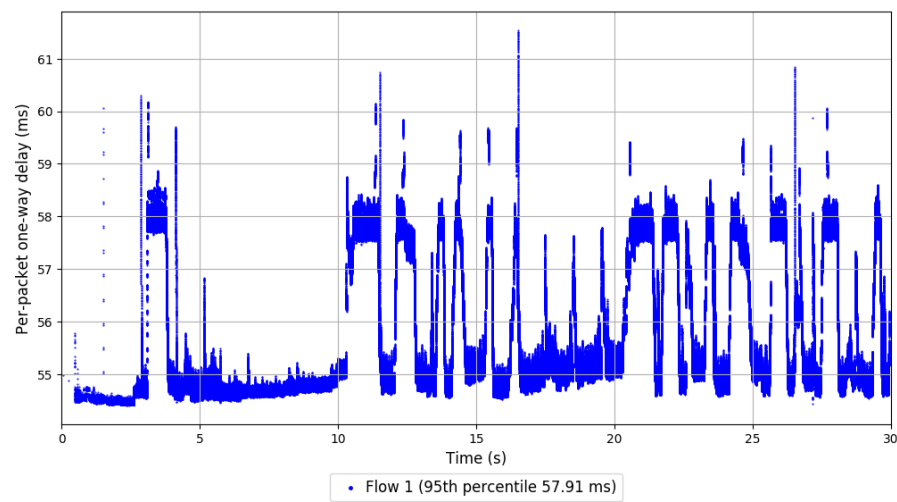
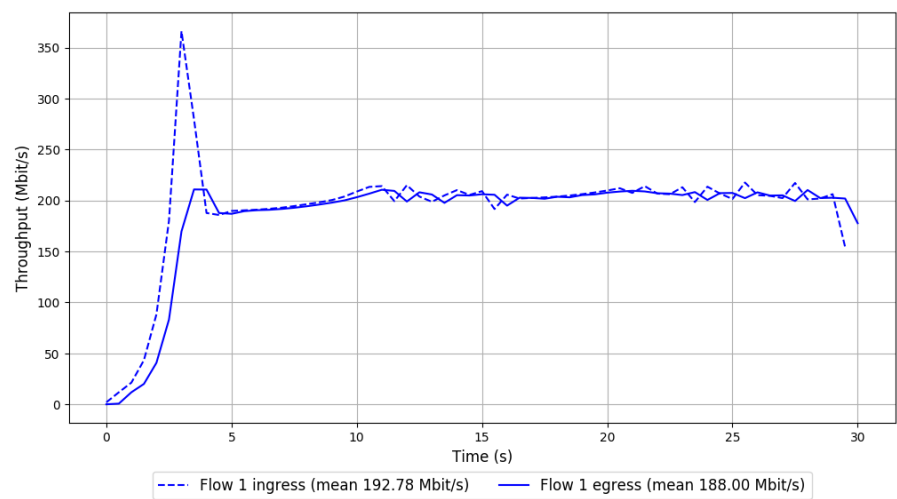


Run 1: Statistics of PCC-Expr

Start at: 2018-07-24 06:48:40
End at: 2018-07-24 06:49:10
Local clock offset: 1.111 ms
Remote clock offset: -39.577 ms

Below is generated by plot.py at 2018-07-24 12:11:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.00 Mbit/s
95th percentile per-packet one-way delay: 57.912 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 188.00 Mbit/s
95th percentile per-packet one-way delay: 57.912 ms
Loss rate: 2.47%

Run 1: Report of PCC-Expr — Data Link

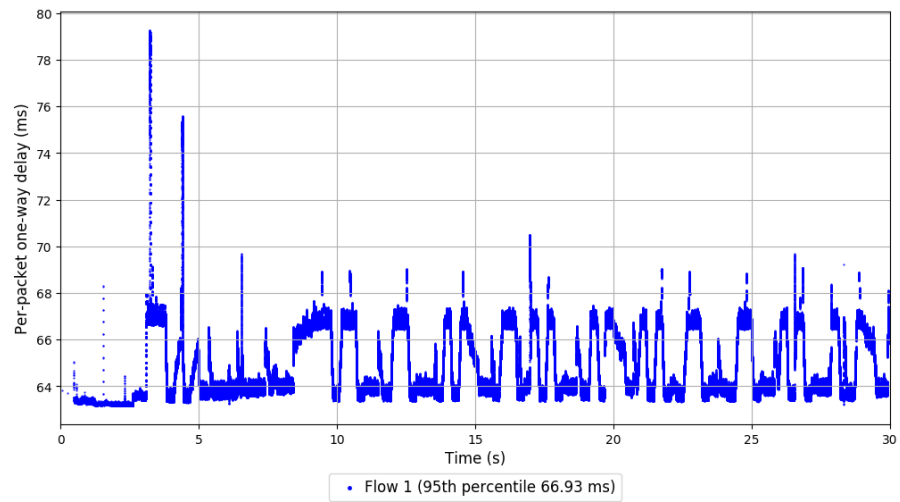
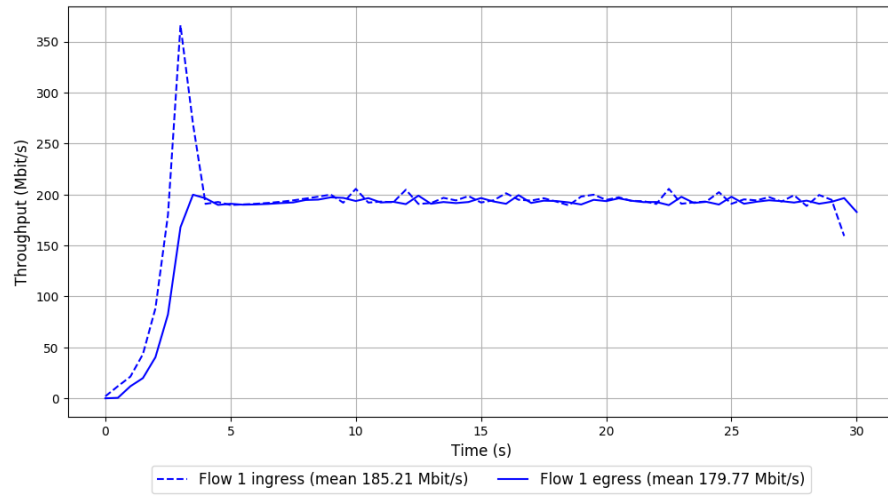


Run 2: Statistics of PCC-Expr

Start at: 2018-07-24 07:10:45
End at: 2018-07-24 07:11:15
Local clock offset: 1.833 ms
Remote clock offset: -30.04 ms

Below is generated by plot.py at 2018-07-24 12:11:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 179.77 Mbit/s
95th percentile per-packet one-way delay: 66.926 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 179.77 Mbit/s
95th percentile per-packet one-way delay: 66.926 ms
Loss rate: 2.93%

Run 2: Report of PCC-Expr — Data Link

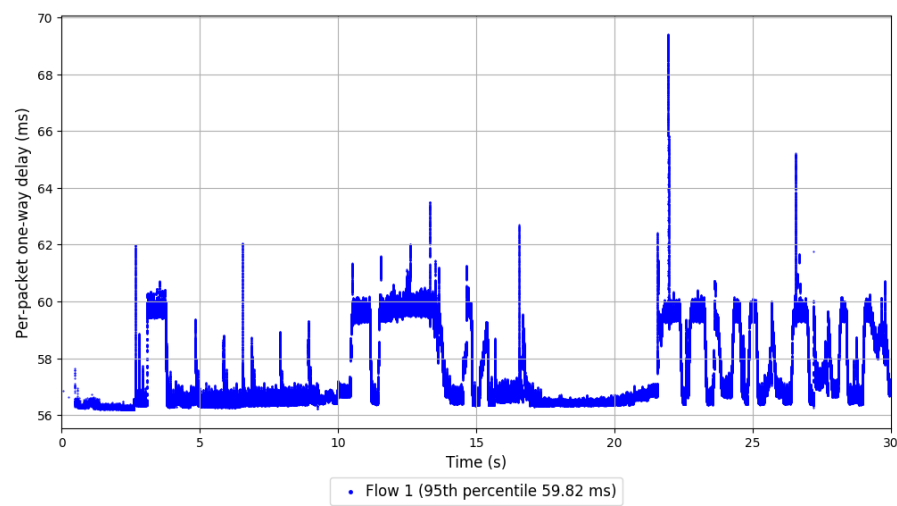
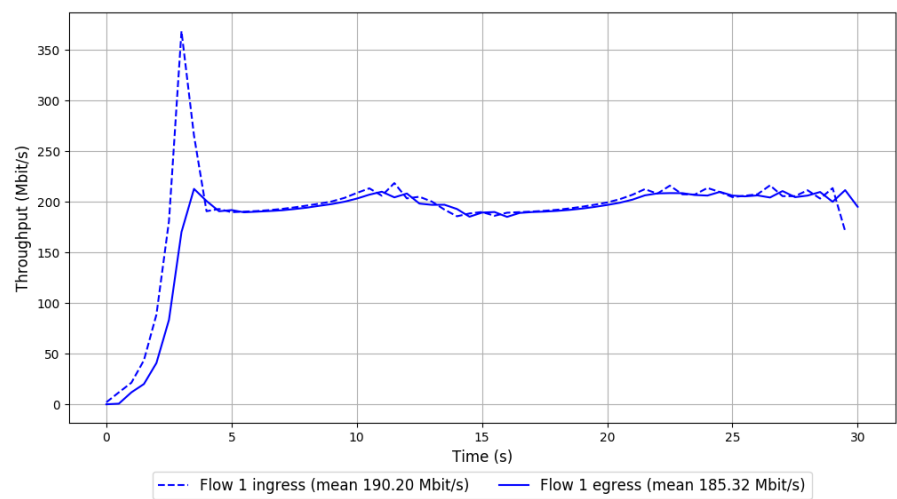


Run 3: Statistics of PCC-Expr

Start at: 2018-07-24 07:44:12
End at: 2018-07-24 07:44:42
Local clock offset: -0.952 ms
Remote clock offset: -38.791 ms

Below is generated by plot.py at 2018-07-24 12:11:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 185.32 Mbit/s
95th percentile per-packet one-way delay: 59.820 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 185.32 Mbit/s
95th percentile per-packet one-way delay: 59.820 ms
Loss rate: 2.56%

Run 3: Report of PCC-Expr — Data Link

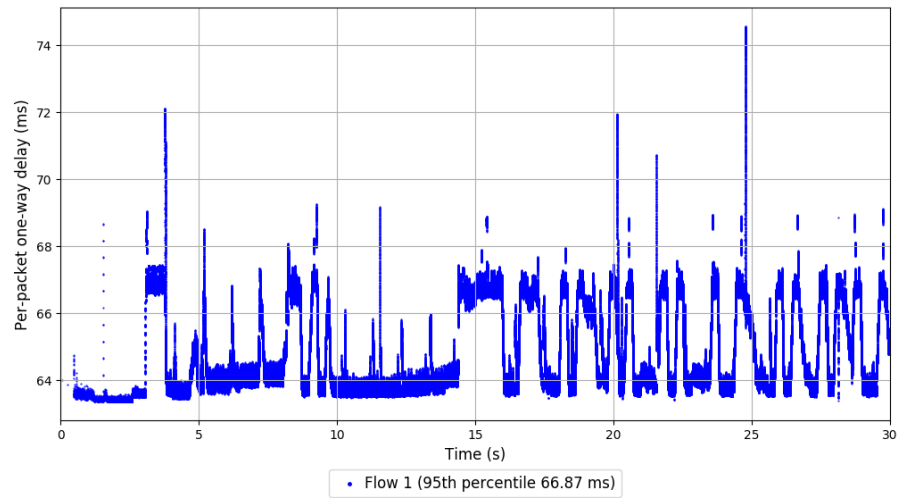
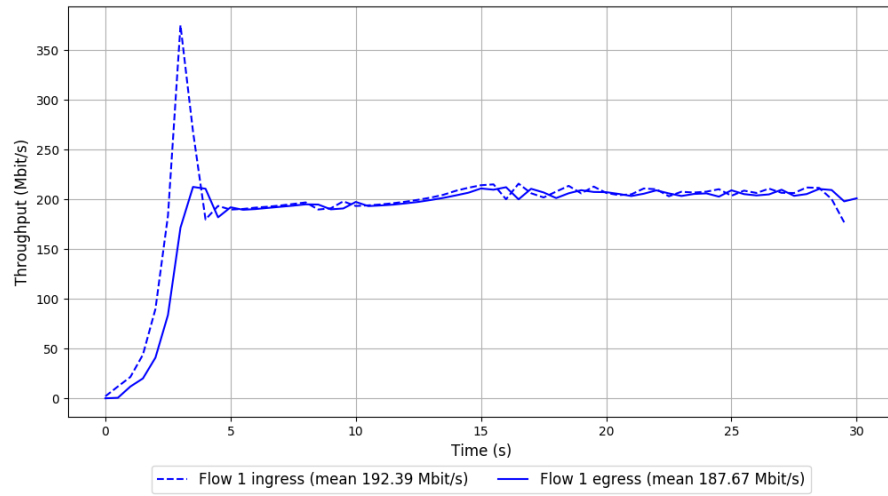


Run 4: Statistics of PCC-Expr

Start at: 2018-07-24 08:27:08
End at: 2018-07-24 08:27:38
Local clock offset: 1.169 ms
Remote clock offset: -29.465 ms

Below is generated by plot.py at 2018-07-24 12:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 187.67 Mbit/s
95th percentile per-packet one-way delay: 66.866 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 187.67 Mbit/s
95th percentile per-packet one-way delay: 66.866 ms
Loss rate: 2.45%

Run 4: Report of PCC-Expr — Data Link

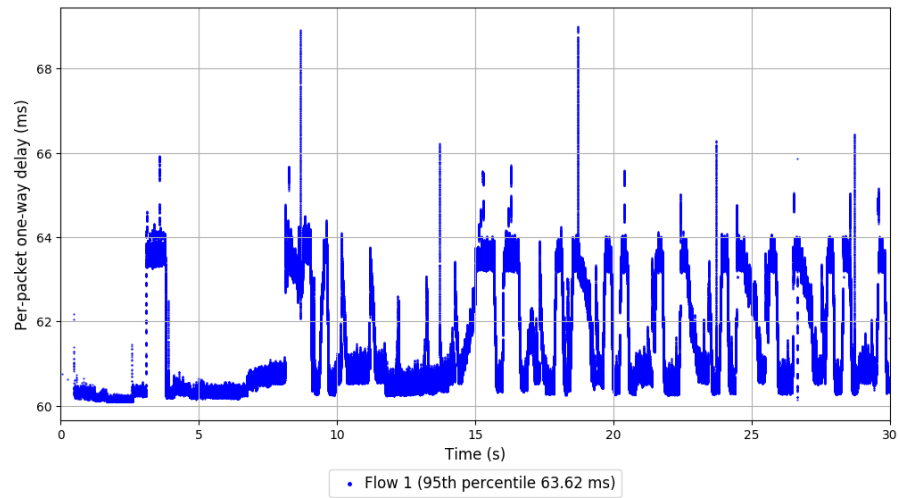
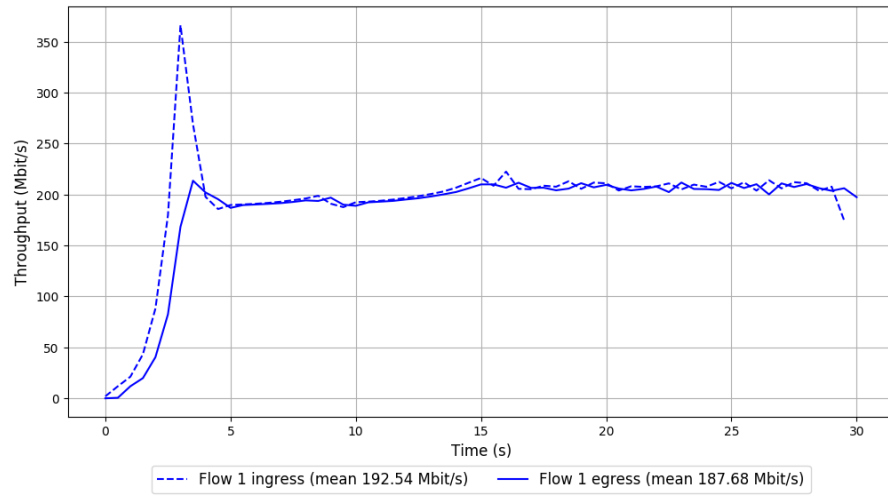


Run 5: Statistics of PCC-Expr

Start at: 2018-07-24 08:54:16
End at: 2018-07-24 08:54:46
Local clock offset: -1.257 ms
Remote clock offset: -34.559 ms

Below is generated by plot.py at 2018-07-24 12:12:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 187.68 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 187.68 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 2.52%

Run 5: Report of PCC-Expr — Data Link

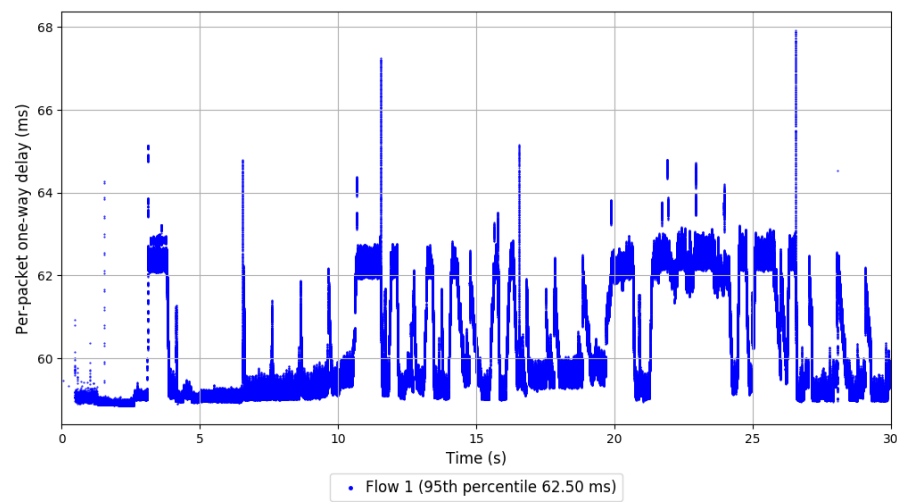
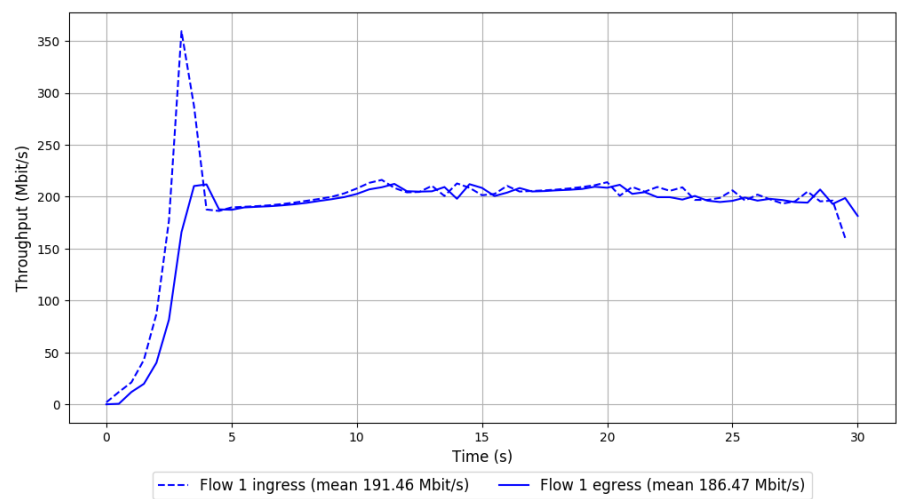


Run 6: Statistics of PCC-Expr

Start at: 2018-07-24 09:27:23
End at: 2018-07-24 09:27:53
Local clock offset: -1.367 ms
Remote clock offset: -38.497 ms

Below is generated by plot.py at 2018-07-24 12:12:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.47 Mbit/s
95th percentile per-packet one-way delay: 62.500 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 186.47 Mbit/s
95th percentile per-packet one-way delay: 62.500 ms
Loss rate: 2.61%

Run 6: Report of PCC-Expr — Data Link

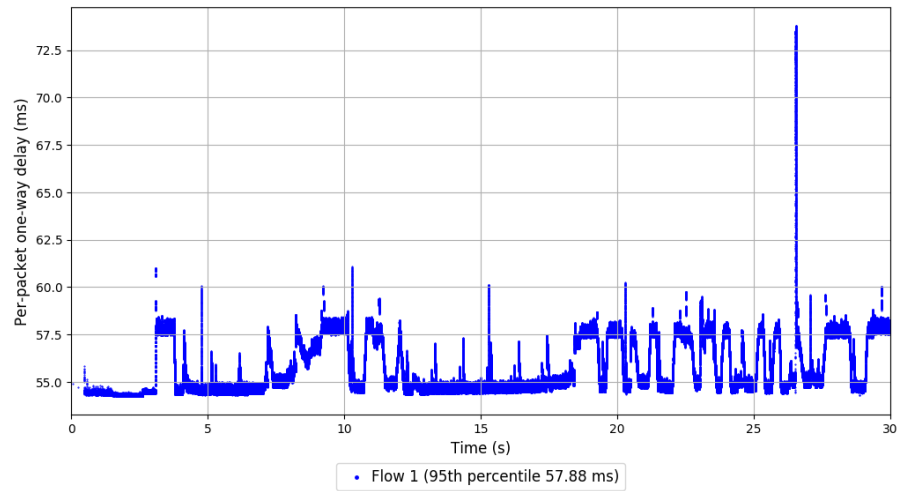
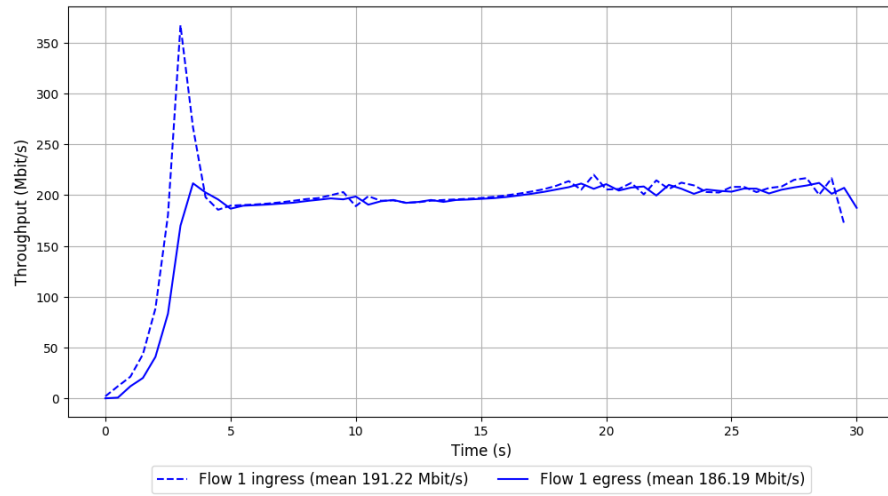


Run 7: Statistics of PCC-Expr

Start at: 2018-07-24 09:49:26
End at: 2018-07-24 09:49:56
Local clock offset: -1.494 ms
Remote clock offset: -40.505 ms

Below is generated by plot.py at 2018-07-24 12:13:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.19 Mbit/s
95th percentile per-packet one-way delay: 57.878 ms
Loss rate: 2.62%
-- Flow 1:
Average throughput: 186.19 Mbit/s
95th percentile per-packet one-way delay: 57.878 ms
Loss rate: 2.62%

Run 7: Report of PCC-Expr — Data Link

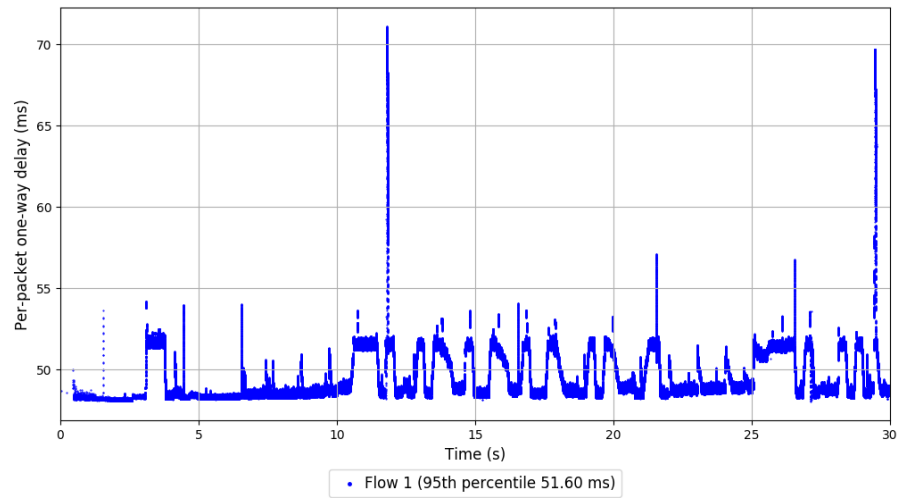
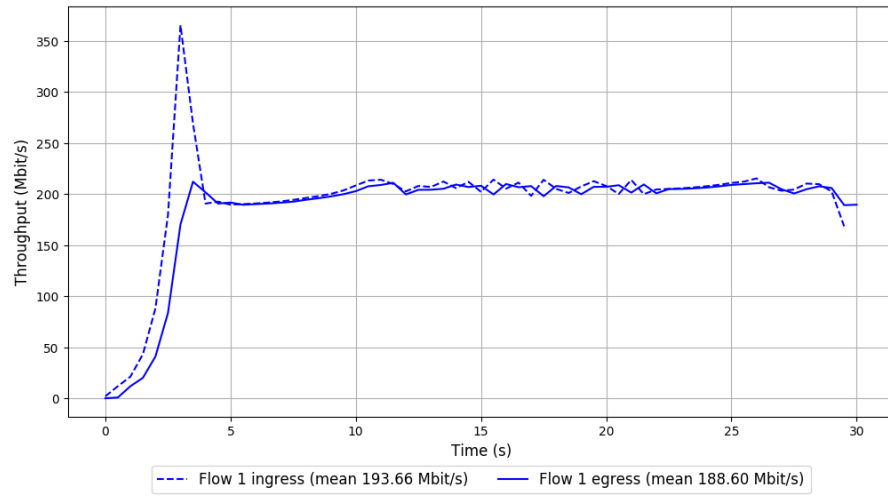


Run 8: Statistics of PCC-Expr

Start at: 2018-07-24 10:11:31
End at: 2018-07-24 10:12:01
Local clock offset: 1.759 ms
Remote clock offset: -43.751 ms

Below is generated by plot.py at 2018-07-24 12:14:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.60 Mbit/s
95th percentile per-packet one-way delay: 51.605 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 188.60 Mbit/s
95th percentile per-packet one-way delay: 51.605 ms
Loss rate: 2.61%

Run 8: Report of PCC-Expr — Data Link

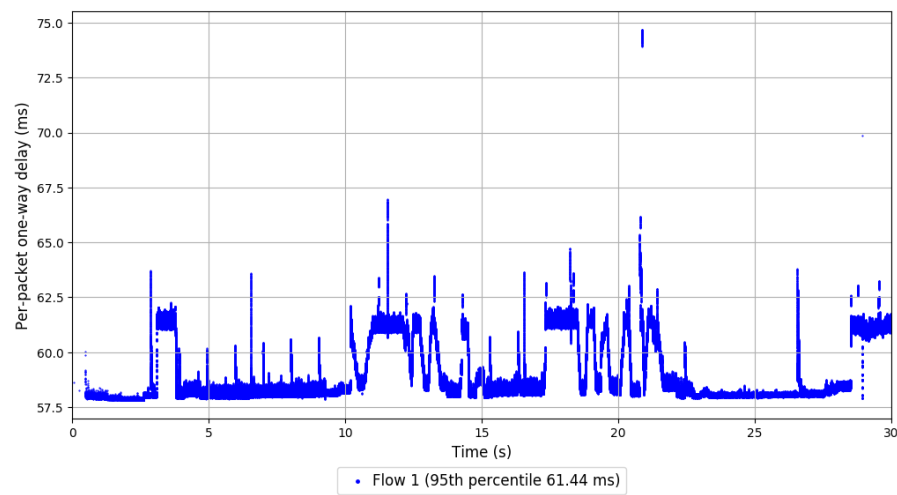
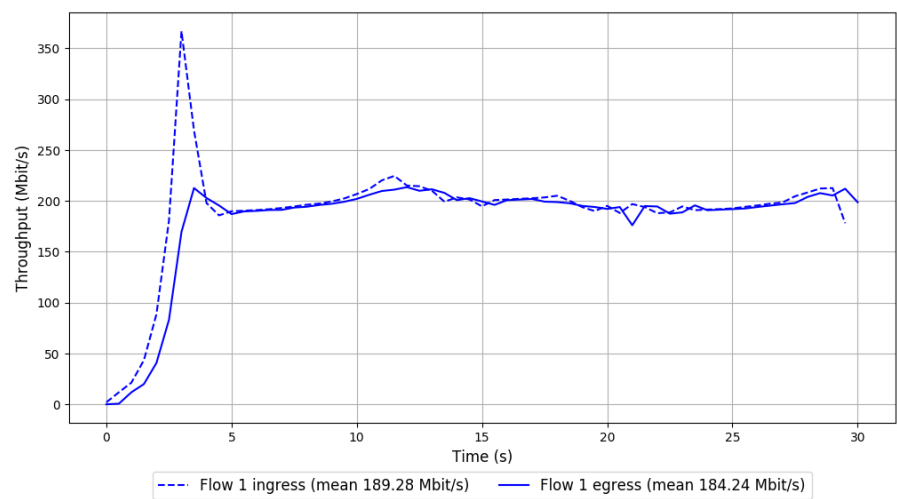


Run 9: Statistics of PCC-Expr

Start at: 2018-07-24 10:33:38
End at: 2018-07-24 10:34:08
Local clock offset: 1.957 ms
Remote clock offset: -33.449 ms

Below is generated by plot.py at 2018-07-24 12:15:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 184.24 Mbit/s
95th percentile per-packet one-way delay: 61.443 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 184.24 Mbit/s
95th percentile per-packet one-way delay: 61.443 ms
Loss rate: 2.66%

Run 9: Report of PCC-Expr — Data Link

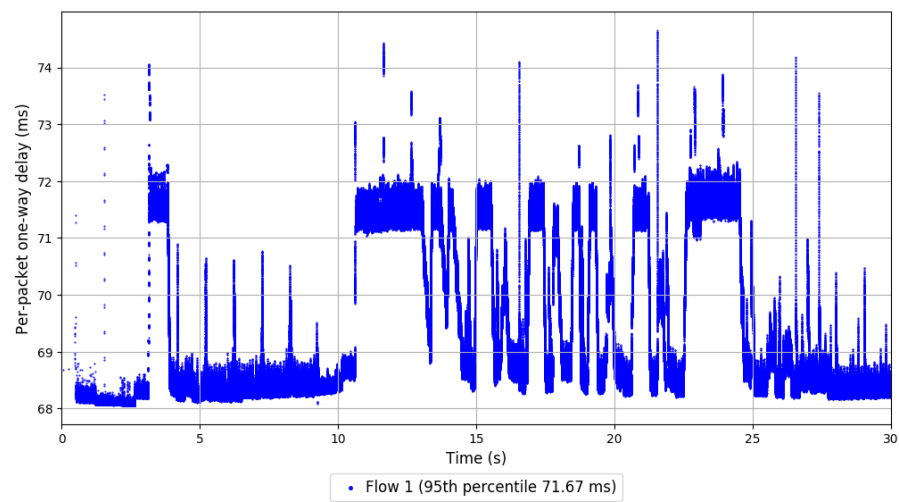
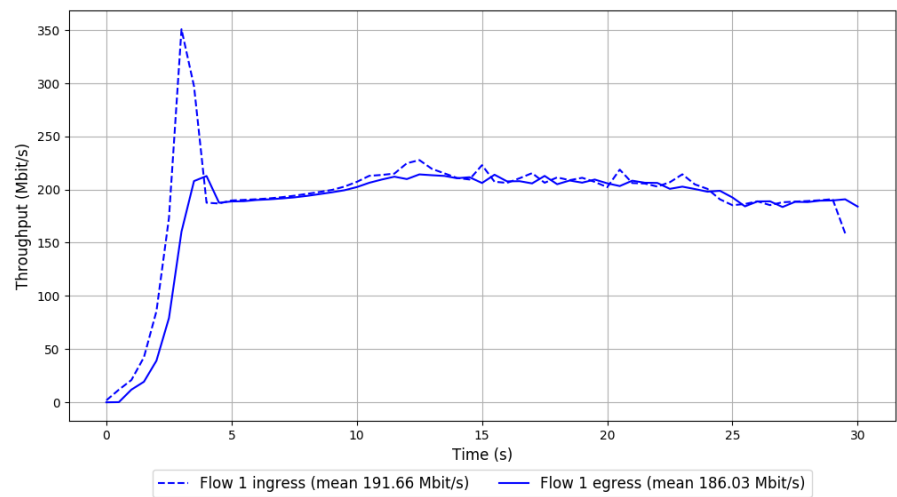


Run 10: Statistics of PCC-Expr

Start at: 2018-07-24 11:01:18
End at: 2018-07-24 11:01:48
Local clock offset: 0.493 ms
Remote clock offset: -28.127 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.03 Mbit/s
95th percentile per-packet one-way delay: 71.675 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 186.03 Mbit/s
95th percentile per-packet one-way delay: 71.675 ms
Loss rate: 2.95%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

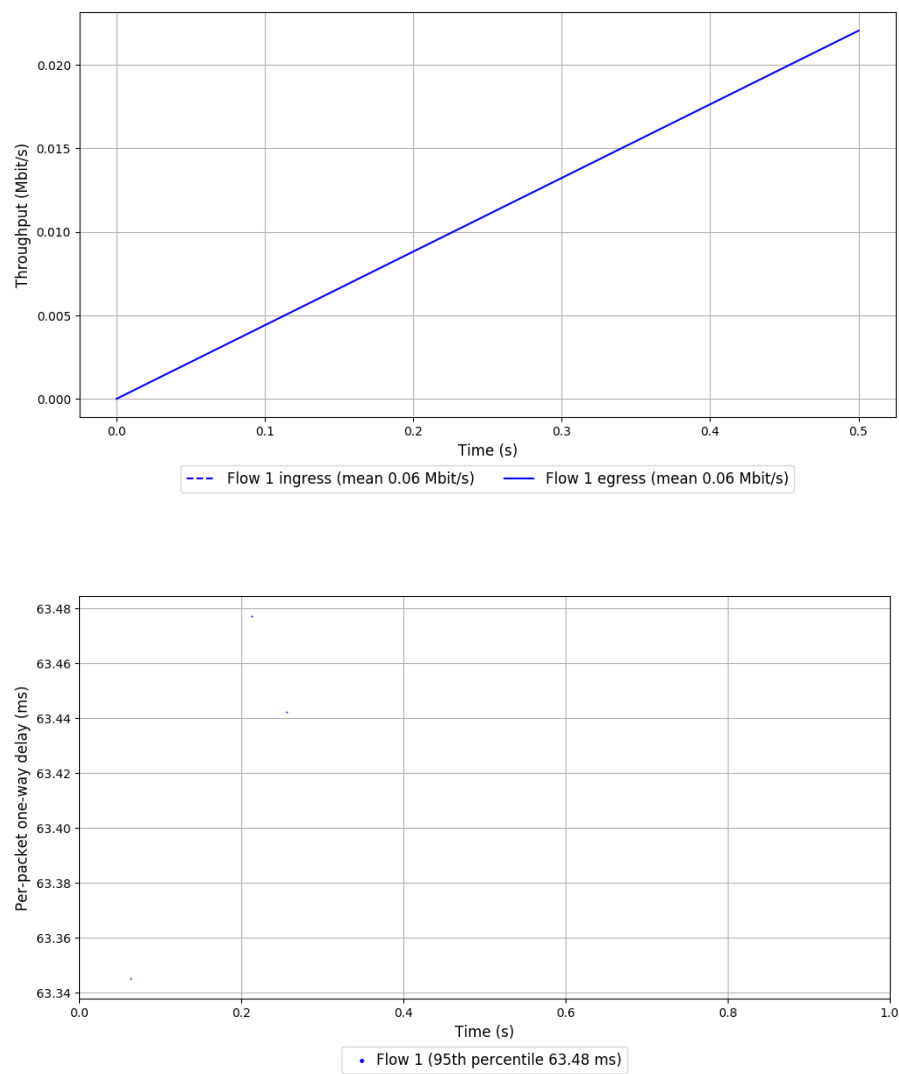
Start at: 2018-07-24 06:58:55

End at: 2018-07-24 06:59:25

Local clock offset: -2.433 ms

Remote clock offset: -34.486 ms

Run 1: Report of QUIC Cubic — Data Link

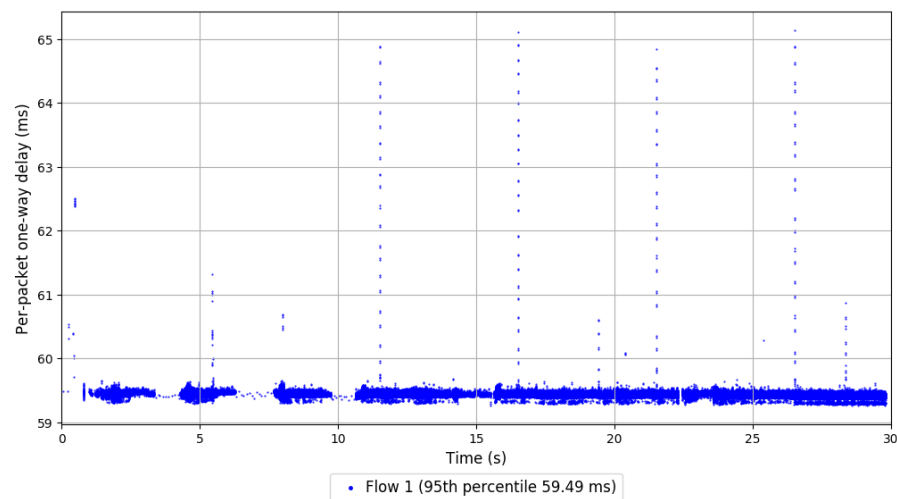
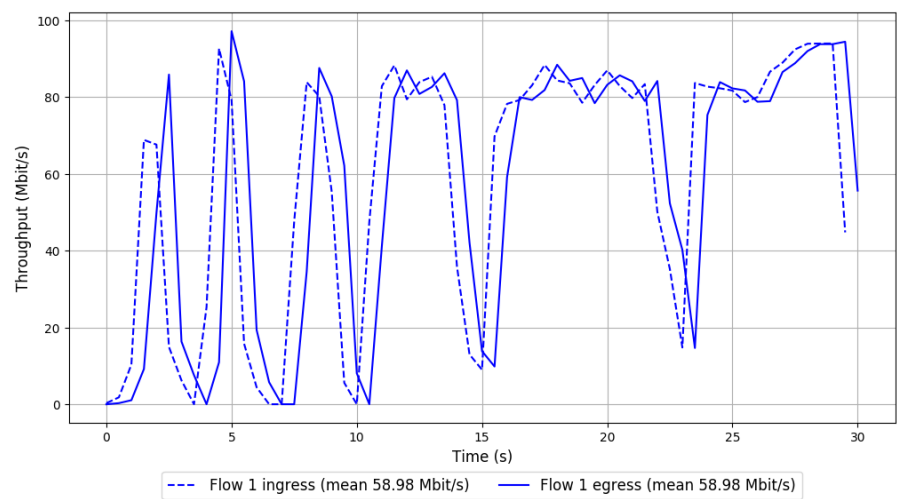


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-24 07:26:40
End at: 2018-07-24 07:27:10
Local clock offset: -5.826 ms
Remote clock offset: -40.966 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 59.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 59.489 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

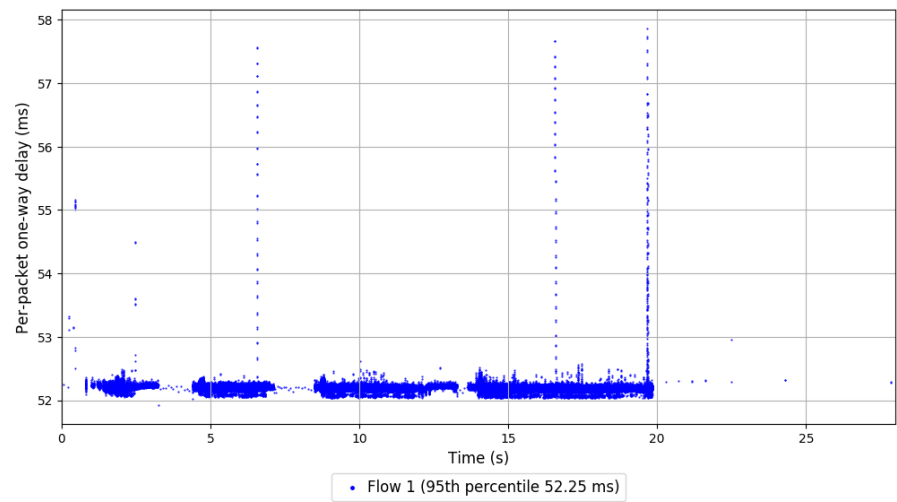
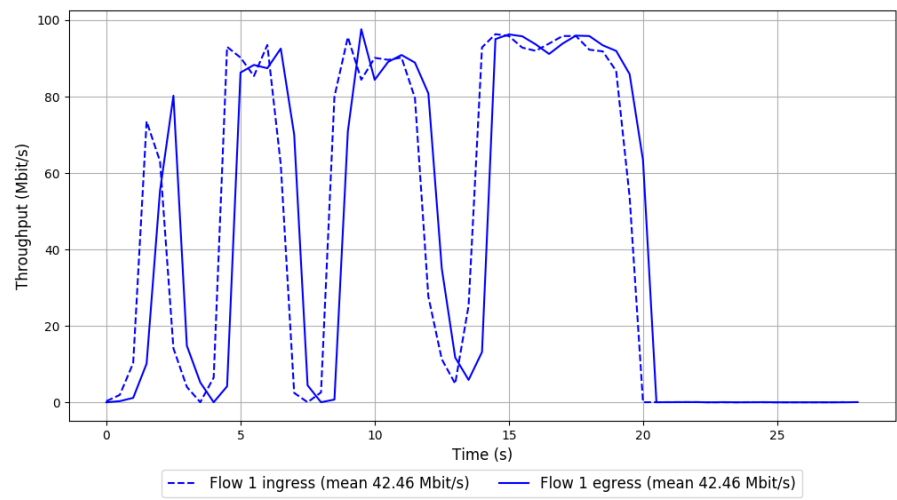


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-24 08:09:34
End at: 2018-07-24 08:10:04
Local clock offset: 1.78 ms
Remote clock offset: -40.335 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.46 Mbit/s
95th percentile per-packet one-way delay: 52.248 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.46 Mbit/s
95th percentile per-packet one-way delay: 52.248 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

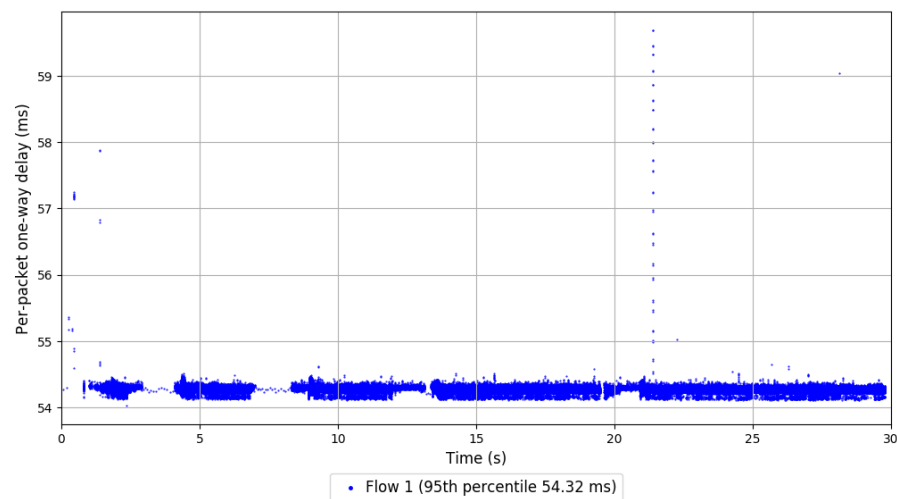
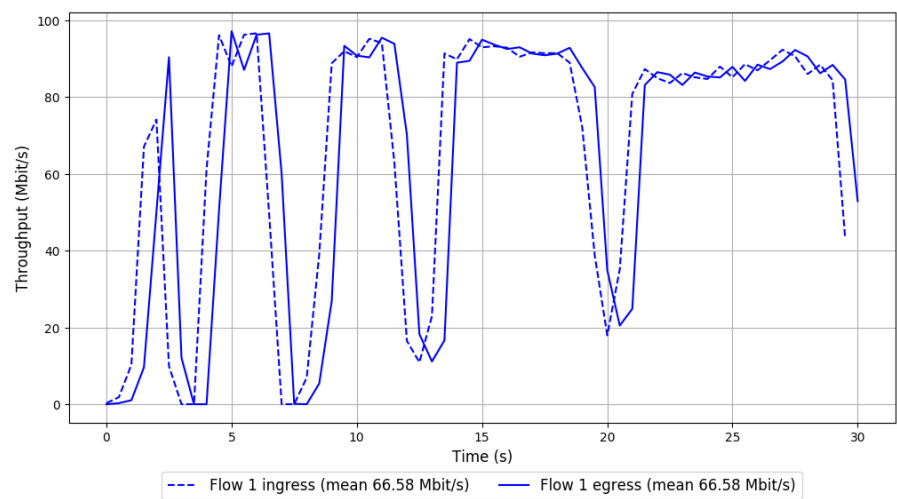


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-24 08:42:16
End at: 2018-07-24 08:42:46
Local clock offset: 0.282 ms
Remote clock offset: -39.269 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.58 Mbit/s
95th percentile per-packet one-way delay: 54.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.58 Mbit/s
95th percentile per-packet one-way delay: 54.324 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

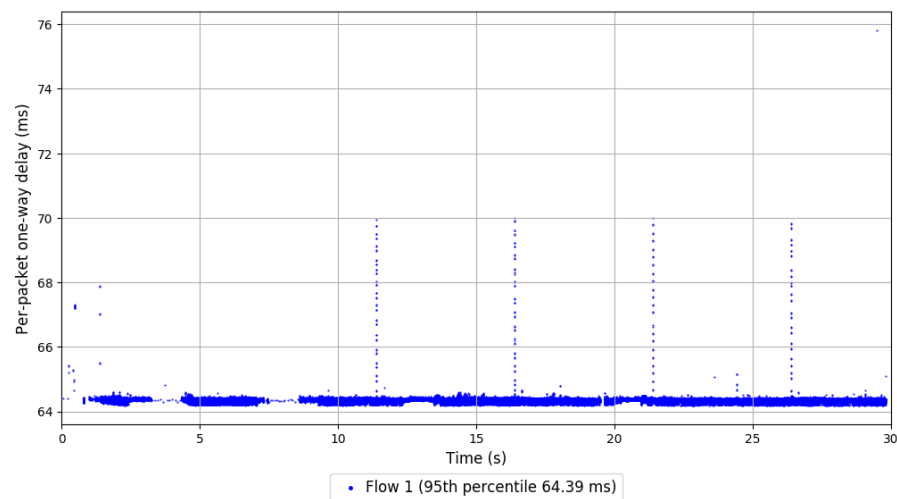
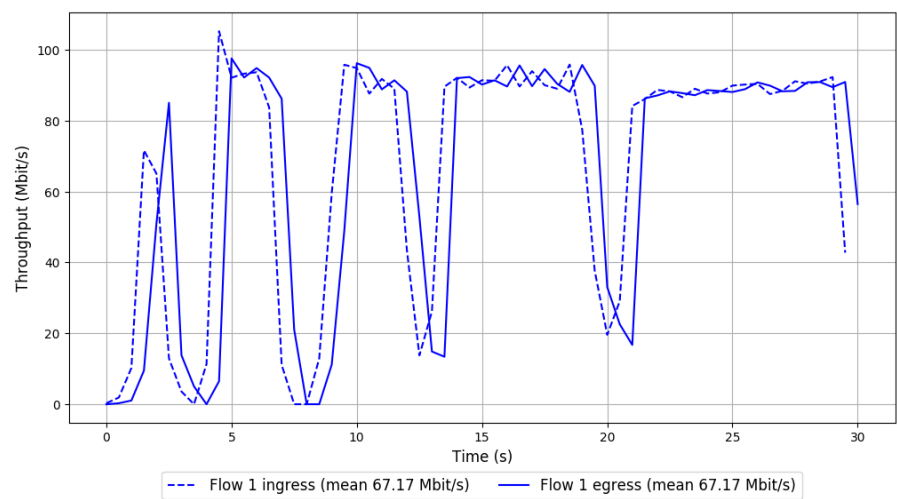


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-24 09:09:59
End at: 2018-07-24 09:10:29
Local clock offset: -1.48 ms
Remote clock offset: -30.796 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 64.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 64.395 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

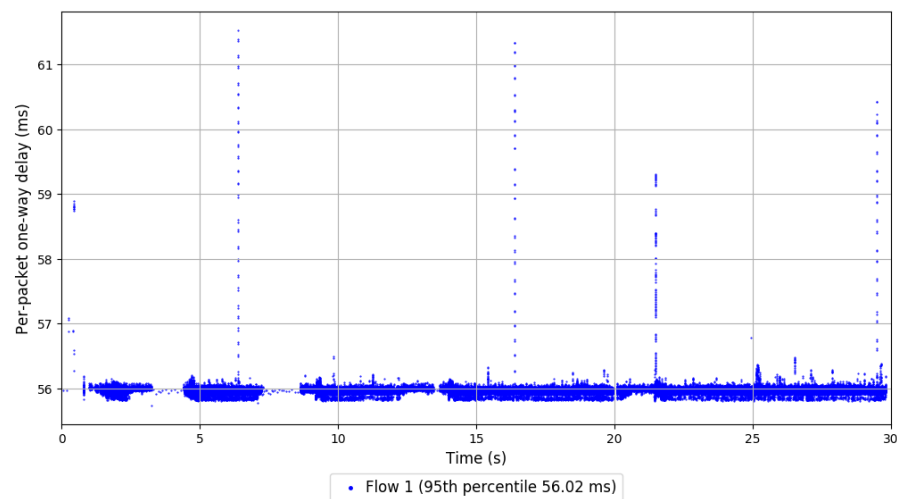
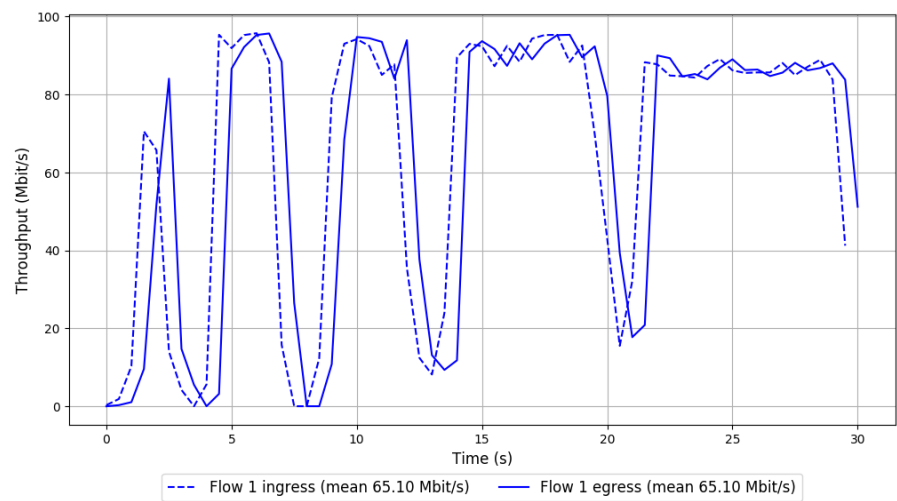


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-24 09:37:30
End at: 2018-07-24 09:38:00
Local clock offset: 2.547 ms
Remote clock offset: -34.847 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.10 Mbit/s
95th percentile per-packet one-way delay: 56.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.10 Mbit/s
95th percentile per-packet one-way delay: 56.017 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

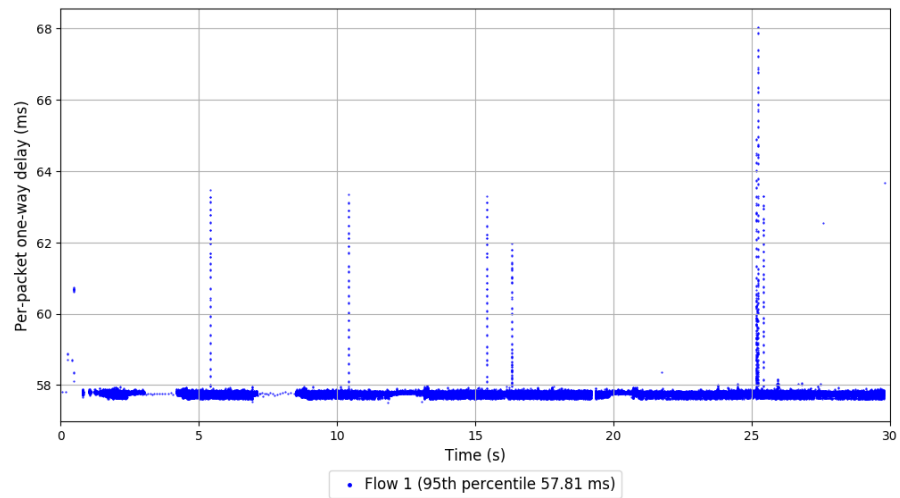
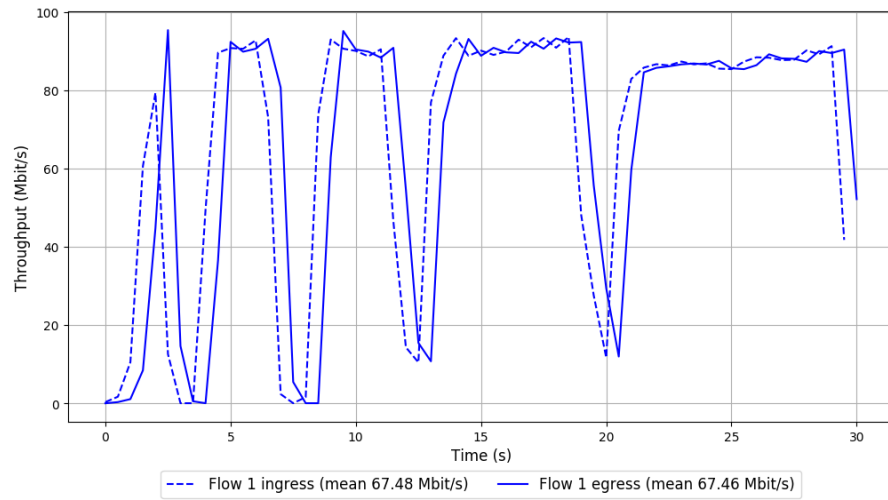


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-24 09:59:35
End at: 2018-07-24 10:00:05
Local clock offset: -1.969 ms
Remote clock offset: -40.652 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 57.813 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 57.813 ms
Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link

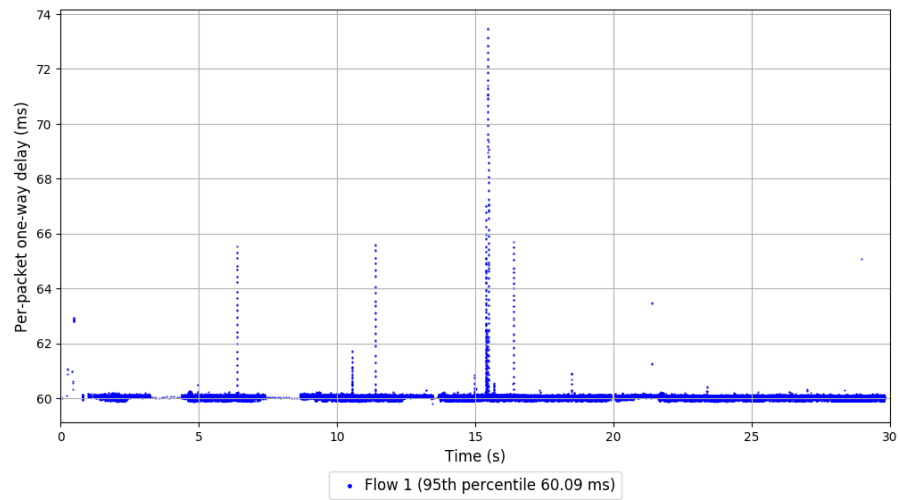
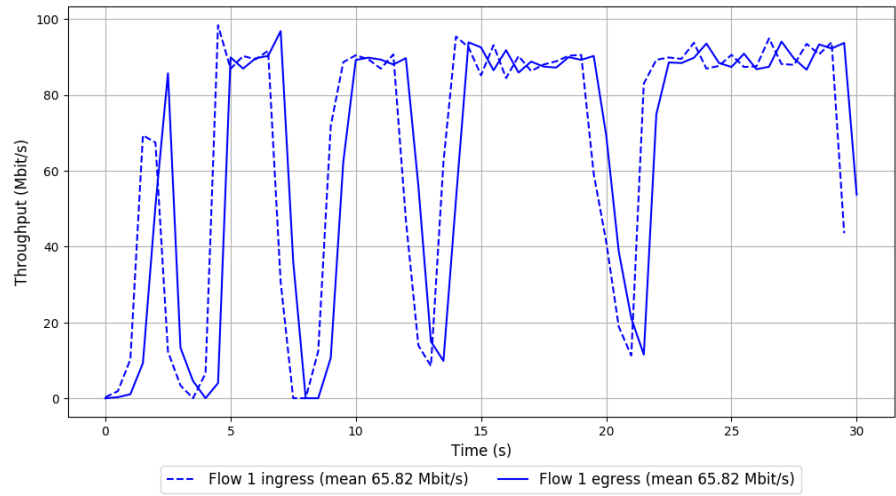


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-24 10:21:44
End at: 2018-07-24 10:22:14
Local clock offset: -0.982 ms
Remote clock offset: -34.229 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.82 Mbit/s
95th percentile per-packet one-way delay: 60.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.82 Mbit/s
95th percentile per-packet one-way delay: 60.091 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-24 10:43:46

End at: 2018-07-24 10:44:17

Local clock offset: 0.756 ms

Remote clock offset: -28.53 ms

Below is generated by plot.py at 2018-07-24 12:15:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.22 Mbit/s

95th percentile per-packet one-way delay: 64.326 ms

Loss rate: 0.00%

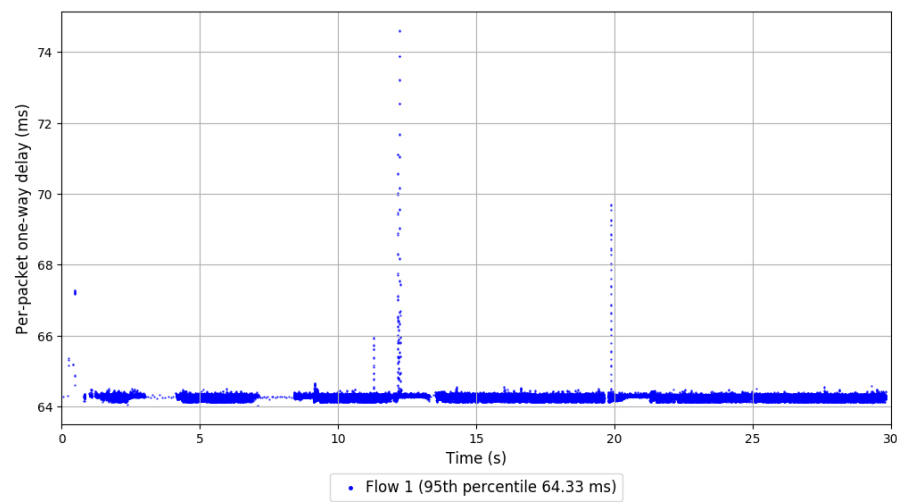
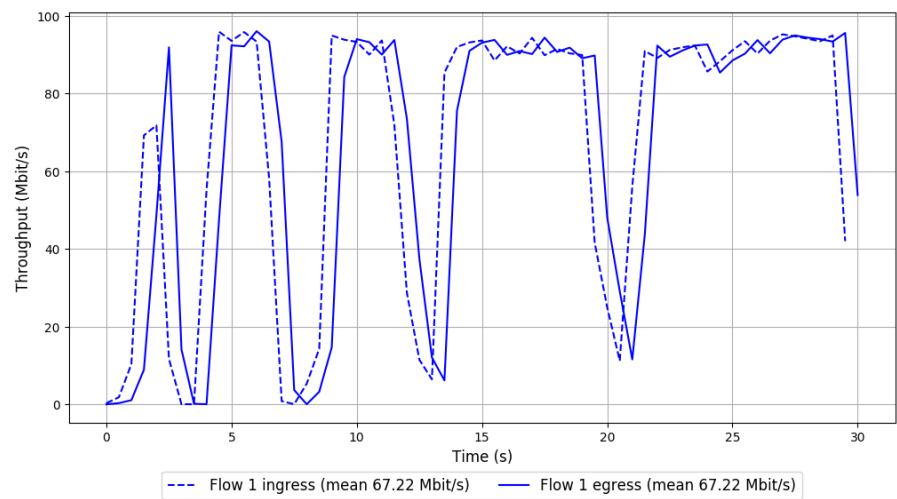
-- Flow 1:

Average throughput: 67.22 Mbit/s

95th percentile per-packet one-way delay: 64.326 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-24 11:22:45

End at: 2018-07-24 11:23:15

Local clock offset: -0.105 ms

Remote clock offset: -36.056 ms

Below is generated by plot.py at 2018-07-24 12:15:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.17 Mbit/s

95th percentile per-packet one-way delay: 58.822 ms

Loss rate: 0.00%

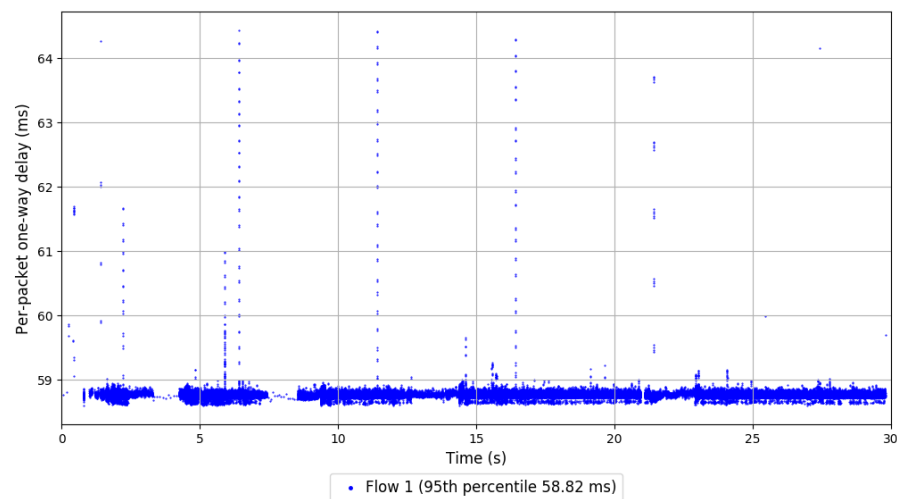
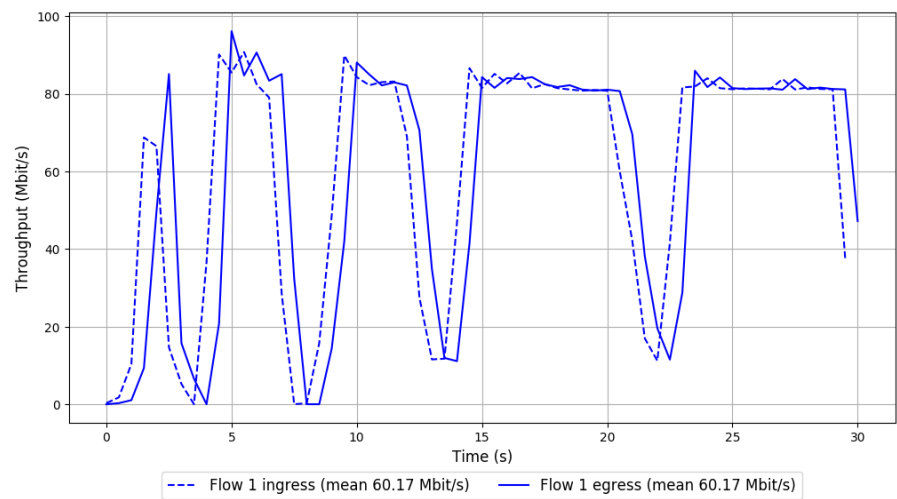
-- Flow 1:

Average throughput: 60.17 Mbit/s

95th percentile per-packet one-way delay: 58.822 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

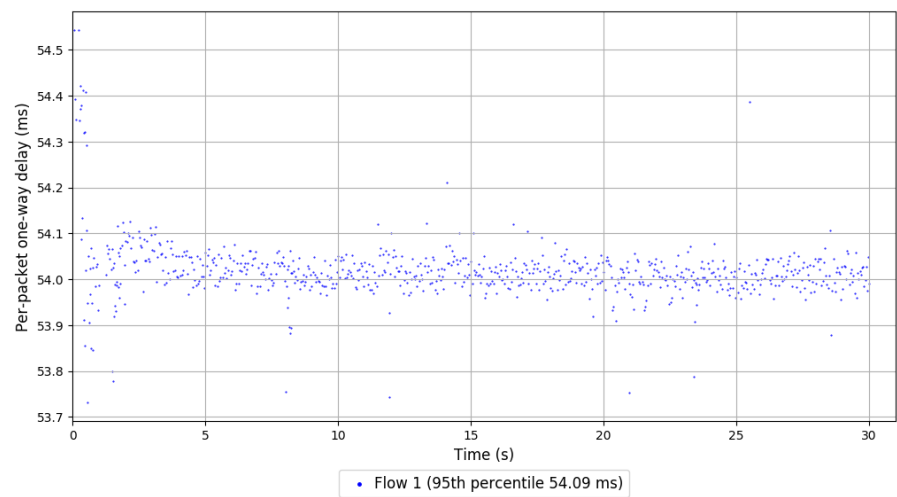
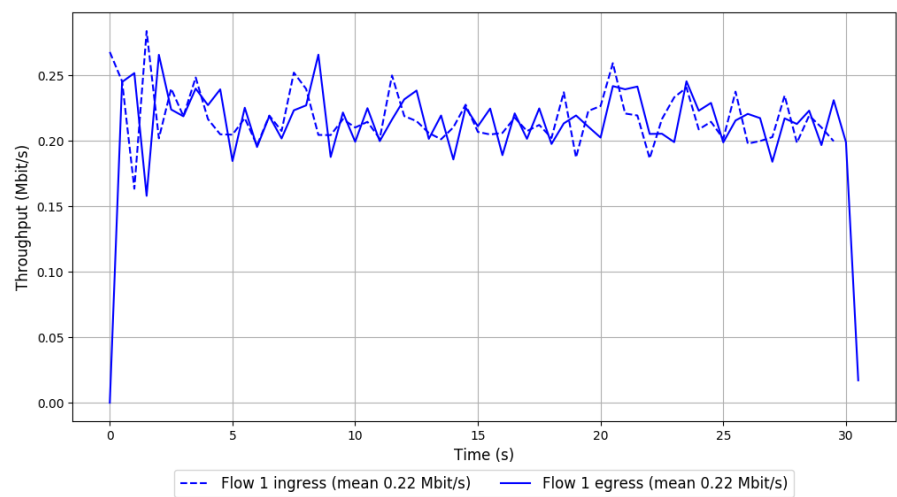


```
Run 1: Statistics of SCReAM

Start at: 2018-07-24 07:03:00
End at: 2018-07-24 07:03:30
Local clock offset: 0.909 ms
Remote clock offset: -40.392 ms

# Below is generated by plot.py at 2018-07-24 12:15:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.087 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

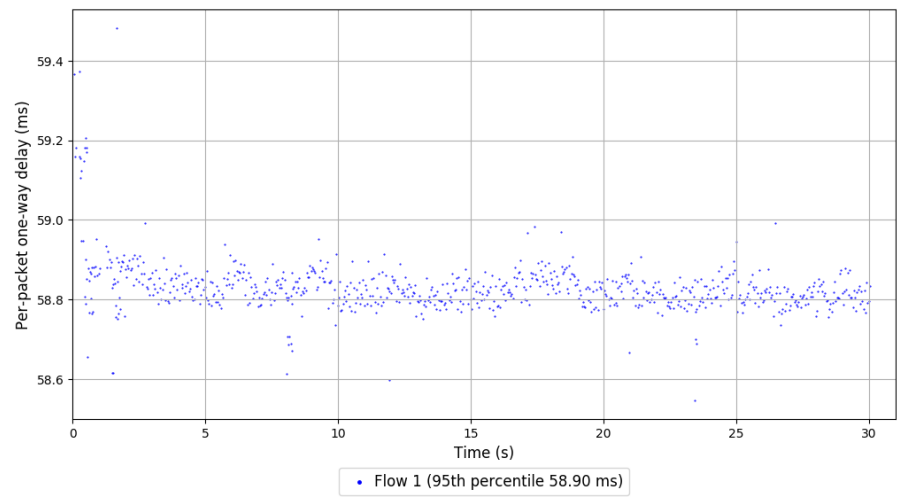
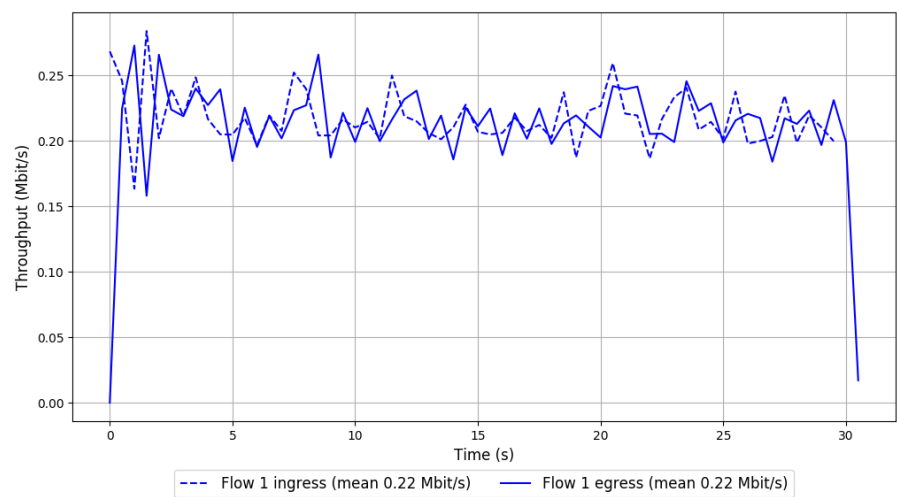


Run 2: Statistics of SCReAM

Start at: 2018-07-24 07:30:50
End at: 2018-07-24 07:31:20
Local clock offset: 0.006 ms
Remote clock offset: -35.81 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.901 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

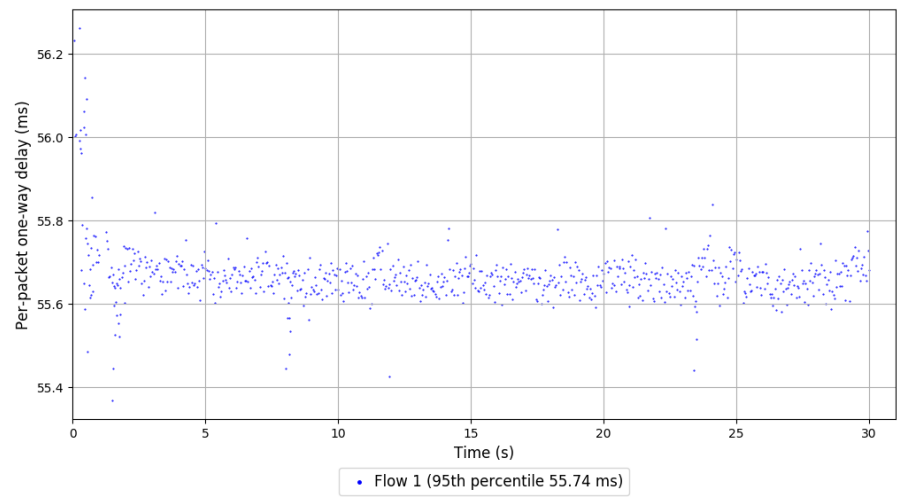
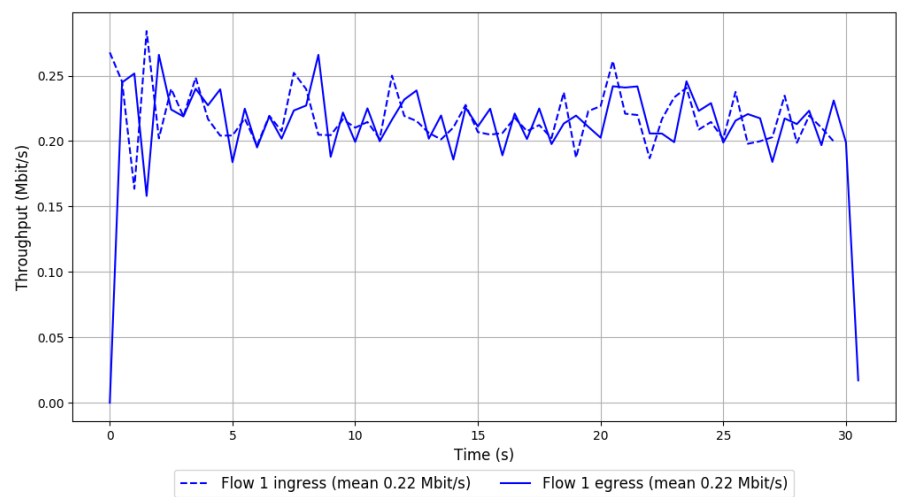


Run 3: Statistics of SCReAM

Start at: 2018-07-24 08:19:23
End at: 2018-07-24 08:19:53
Local clock offset: 0.126 ms
Remote clock offset: -38.381 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.737 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

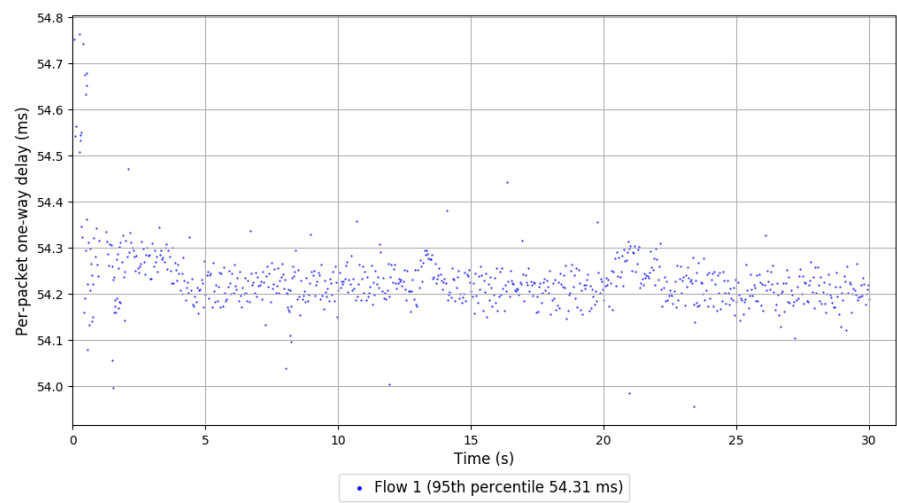
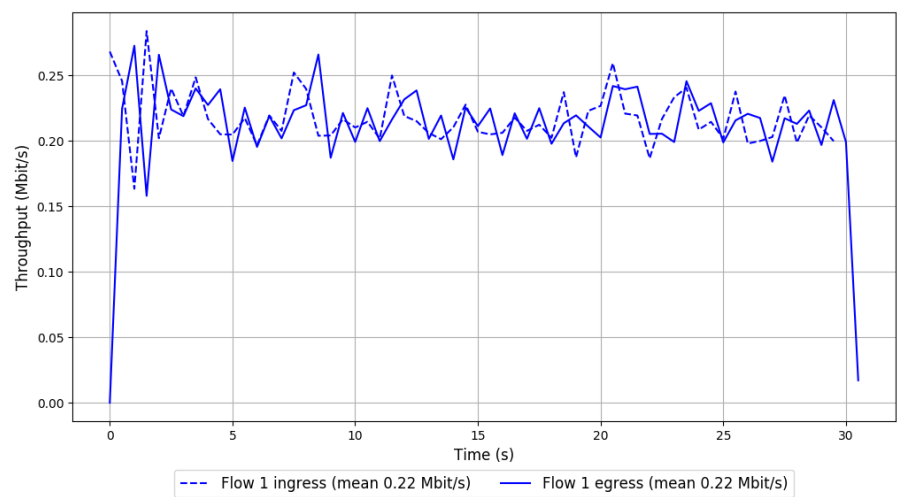


Run 4: Statistics of SCReAM

Start at: 2018-07-24 08:46:30
End at: 2018-07-24 08:47:01
Local clock offset: -0.587 ms
Remote clock offset: -40.248 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.311 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.311 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

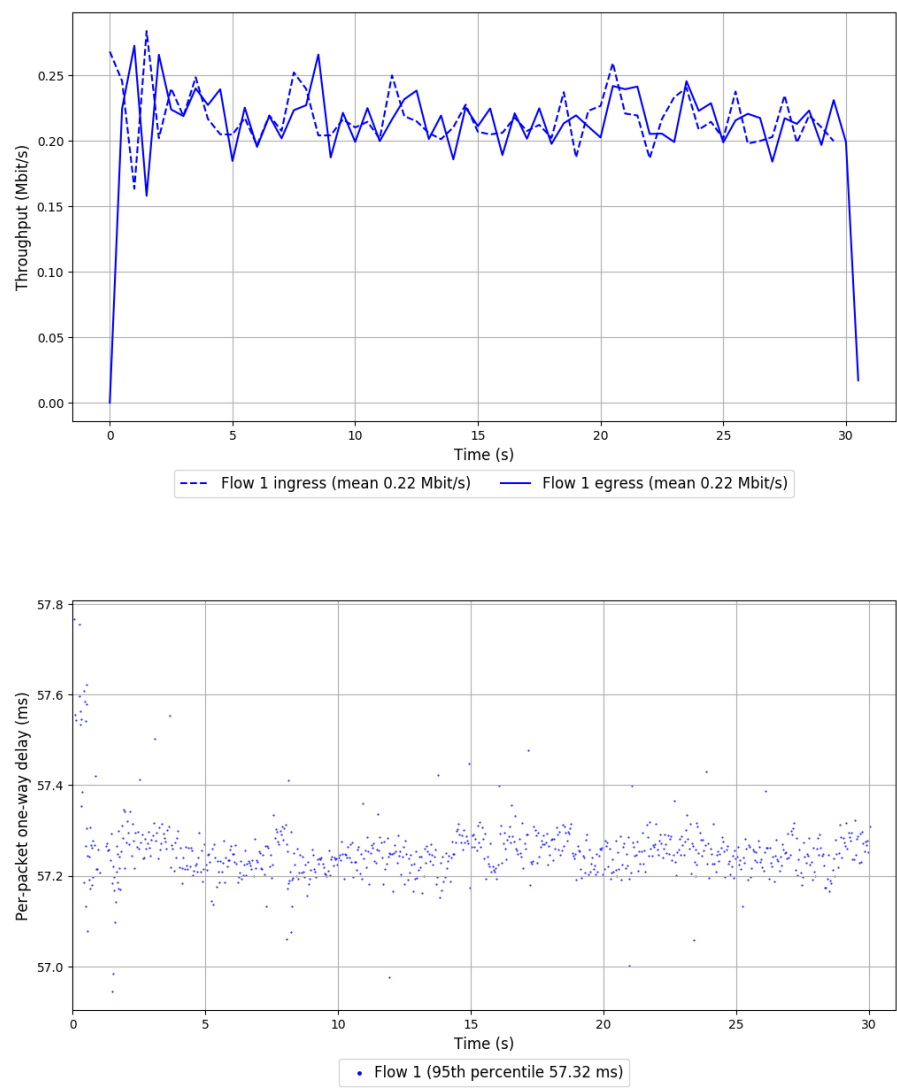


Run 5: Statistics of SCReAM

Start at: 2018-07-24 09:14:09
End at: 2018-07-24 09:14:39
Local clock offset: 0.226 ms
Remote clock offset: -36.198 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.318 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

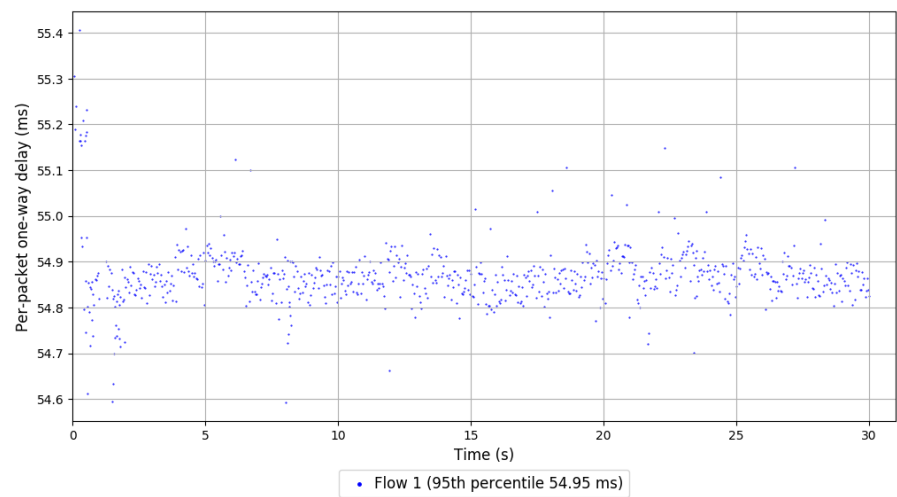
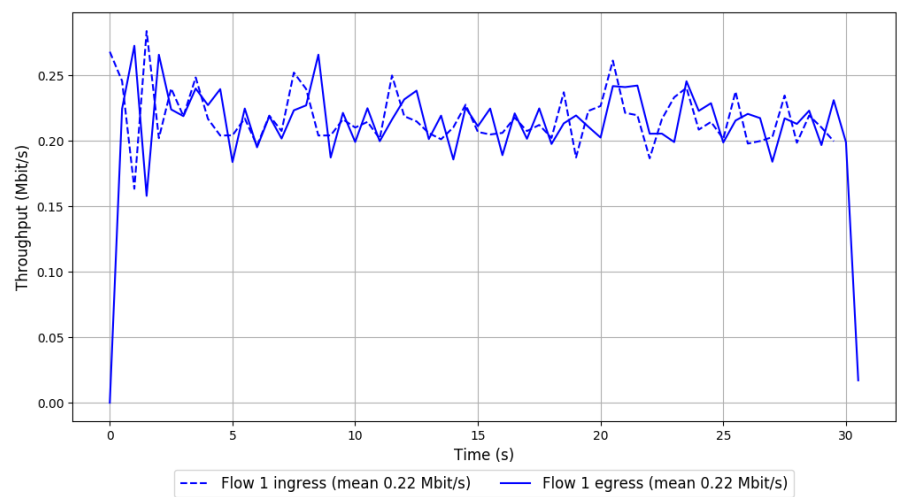


Run 6: Statistics of SCReAM

Start at: 2018-07-24 09:41:39
End at: 2018-07-24 09:42:09
Local clock offset: -1.228 ms
Remote clock offset: -40.149 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.945 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

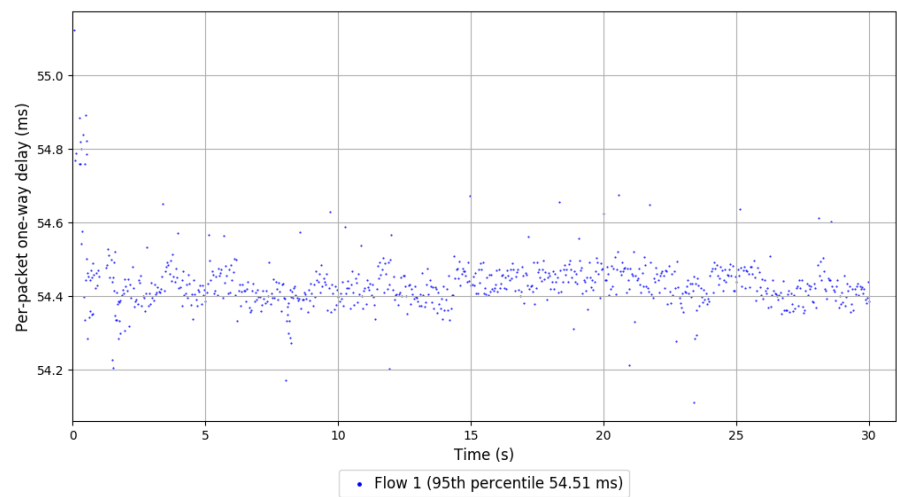
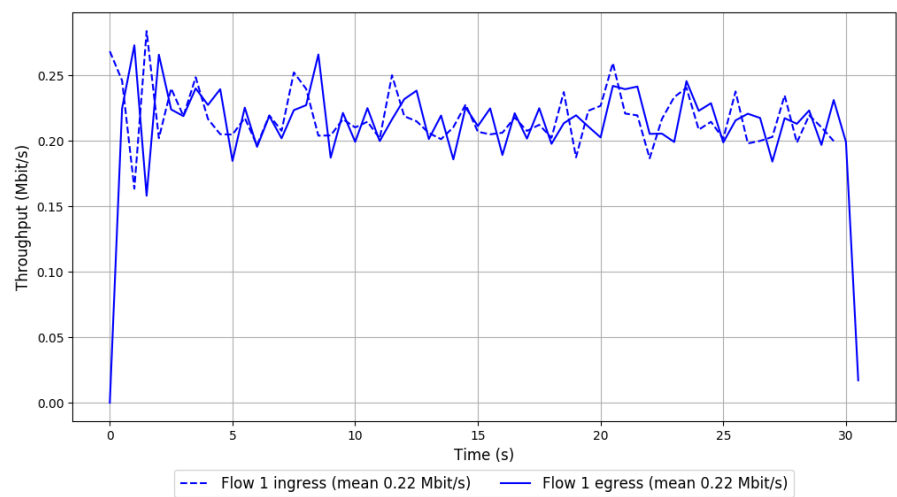


Run 7: Statistics of SCReAM

Start at: 2018-07-24 10:03:45
End at: 2018-07-24 10:04:15
Local clock offset: -0.835 ms
Remote clock offset: -40.558 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.512 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

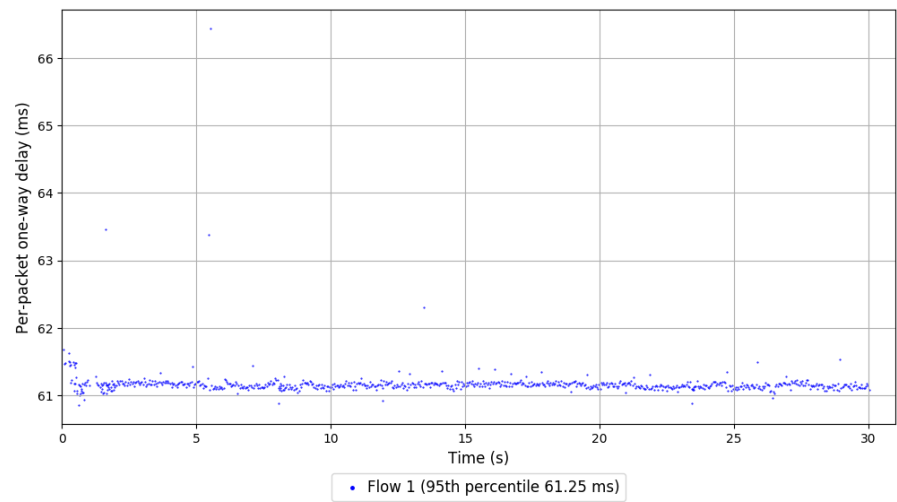
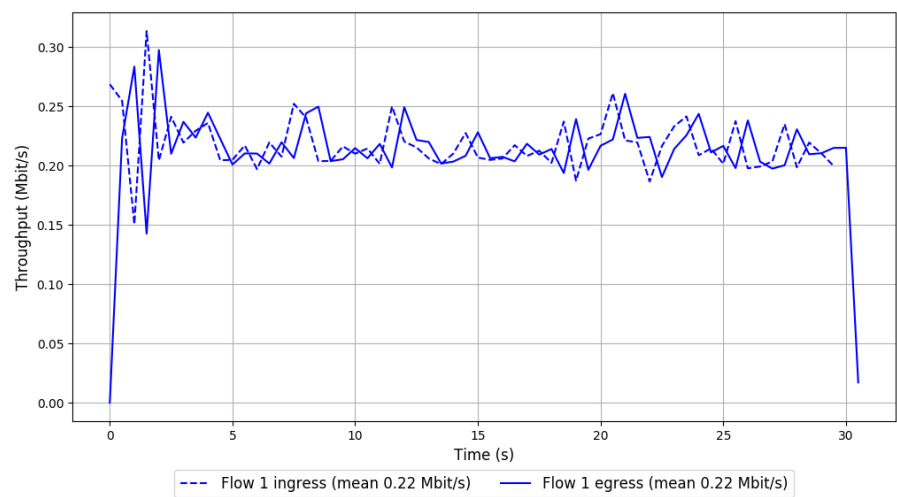


Run 8: Statistics of SCReAM

Start at: 2018-07-24 10:25:54
End at: 2018-07-24 10:26:24
Local clock offset: 0.813 ms
Remote clock offset: -34.478 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.252 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

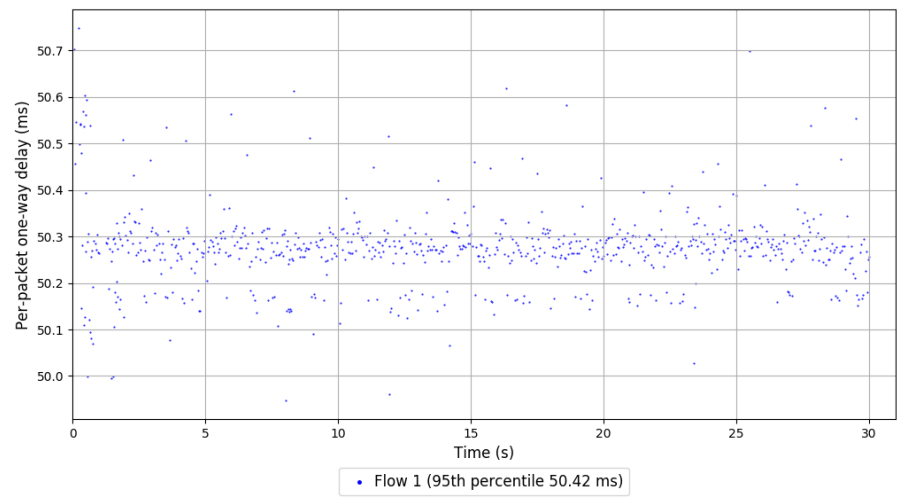
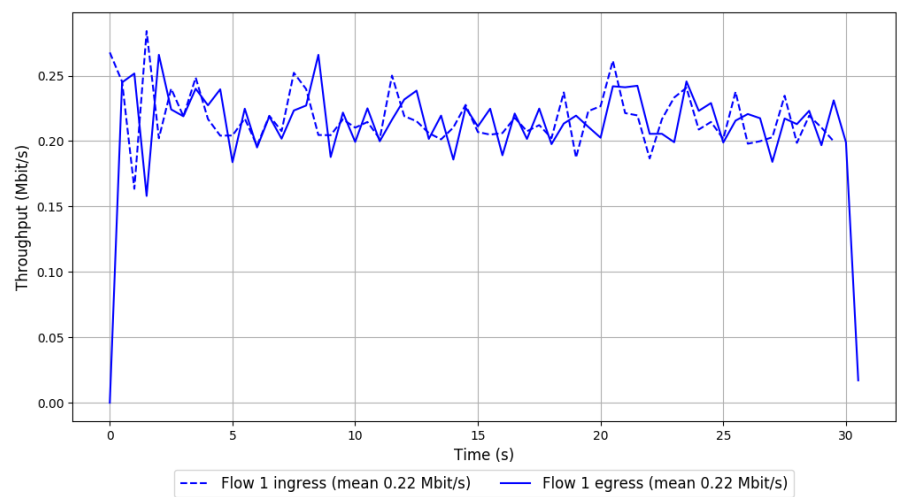


Run 9: Statistics of SCReAM

Start at: 2018-07-24 10:47:56
End at: 2018-07-24 10:48:26
Local clock offset: 0.747 ms
Remote clock offset: -42.855 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.420 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

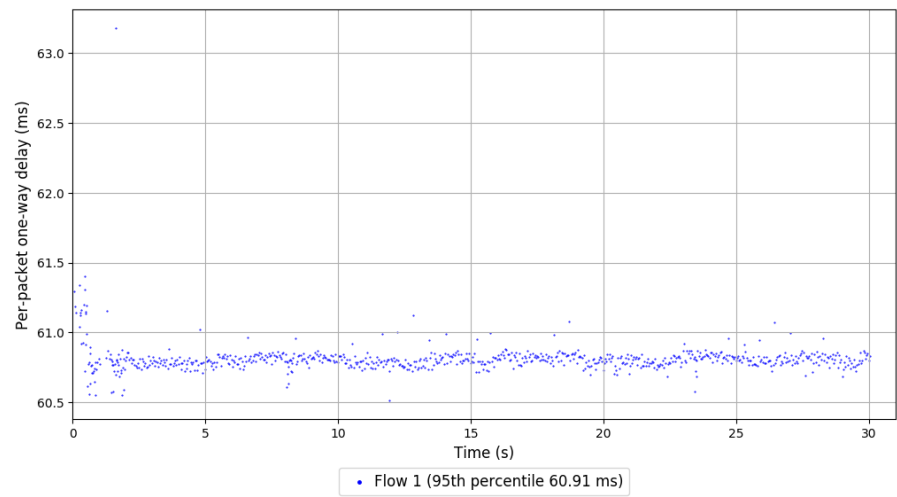
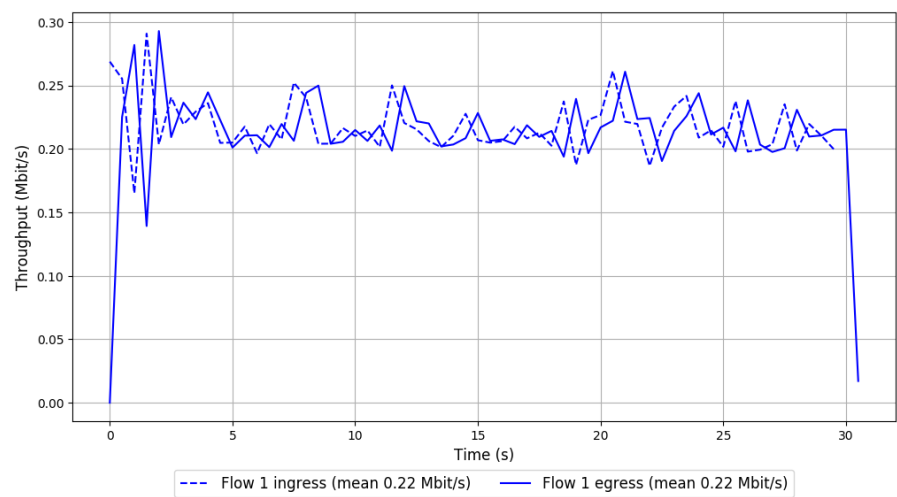


Run 10: Statistics of SCReAM

Start at: 2018-07-24 11:32:37
End at: 2018-07-24 11:33:08
Local clock offset: 1.597 ms
Remote clock offset: -35.126 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.910 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.910 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

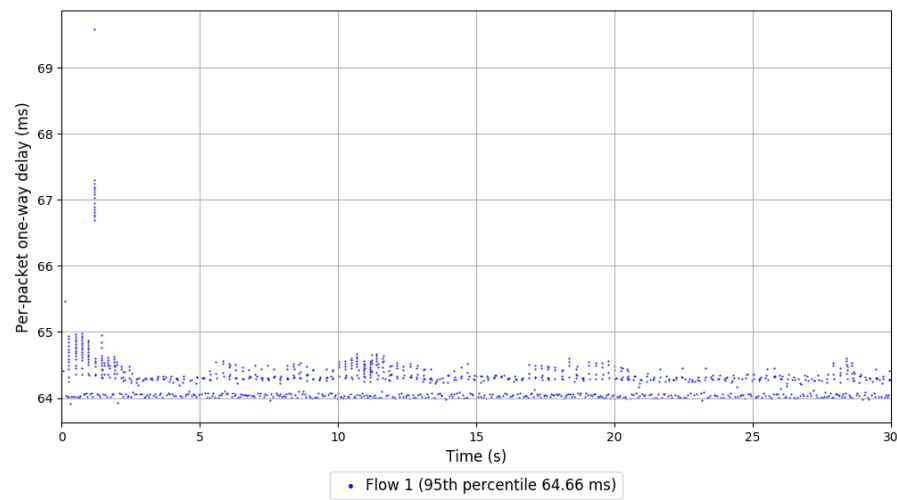
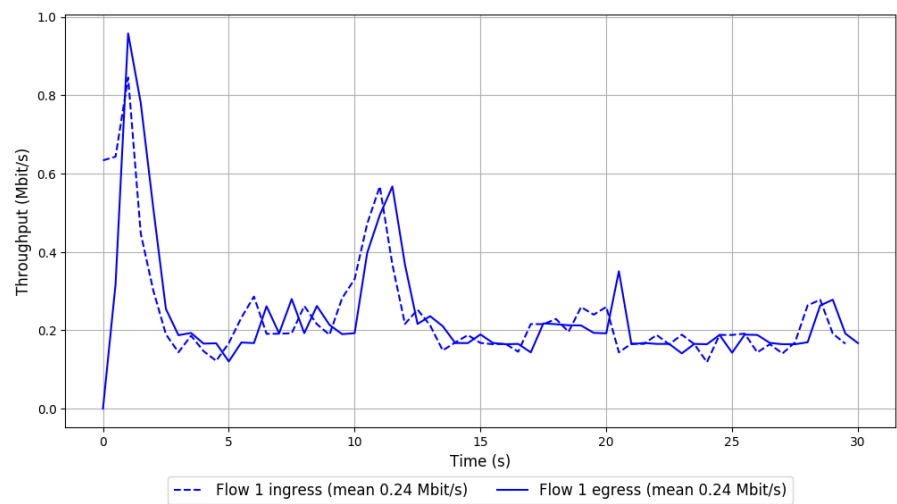


Run 1: Statistics of Sprout

Start at: 2018-07-24 06:50:08
End at: 2018-07-24 06:50:38
Local clock offset: 0.34 ms
Remote clock offset: -30.727 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 64.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 64.657 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

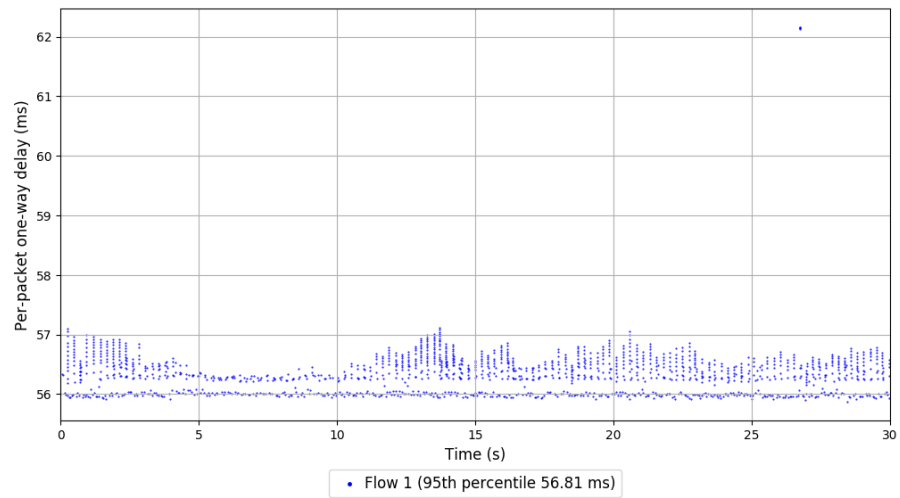
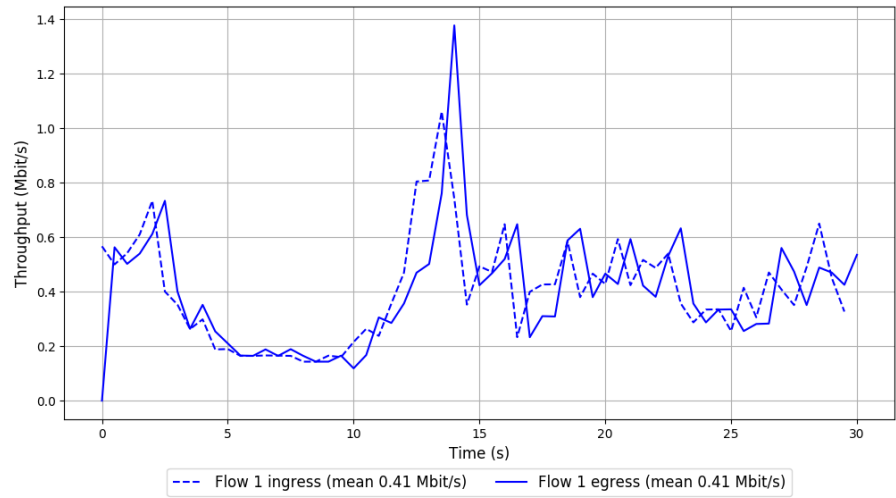


Run 2: Statistics of Sprout

Start at: 2018-07-24 07:12:12
End at: 2018-07-24 07:12:42
Local clock offset: 1.355 ms
Remote clock offset: -37.381 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 56.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 56.811 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

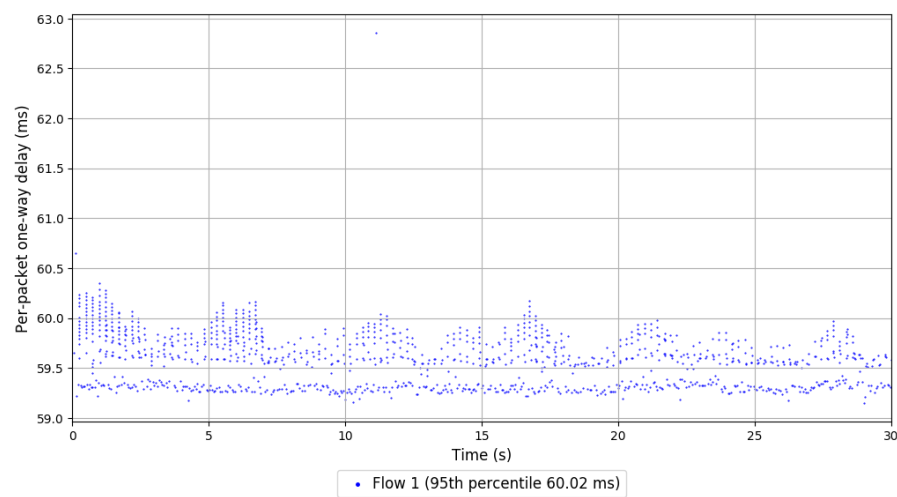
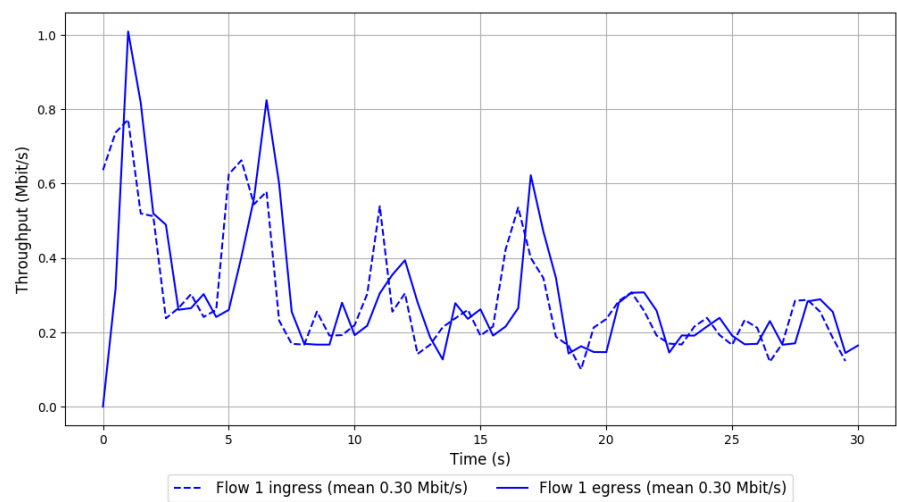


Run 3: Statistics of Sprout

Start at: 2018-07-24 07:55:13
End at: 2018-07-24 07:55:43
Local clock offset: -0.665 ms
Remote clock offset: -35.65 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 60.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 60.024 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

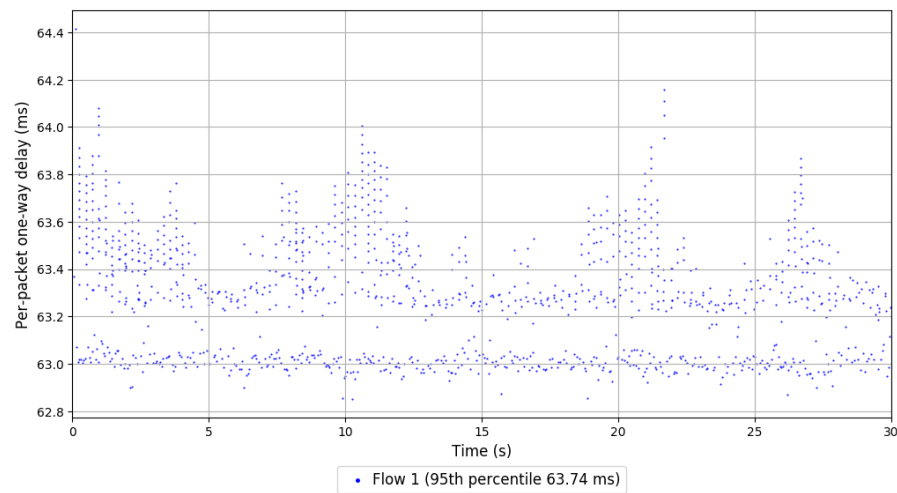
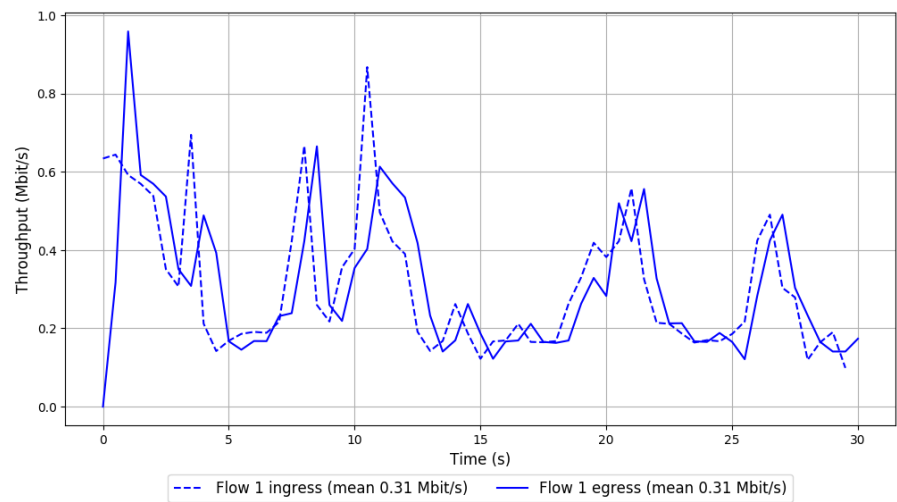


Run 4: Statistics of Sprout

Start at: 2018-07-24 08:28:35
End at: 2018-07-24 08:29:05
Local clock offset: -1.34 ms
Remote clock offset: -34.817 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 63.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 63.738 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

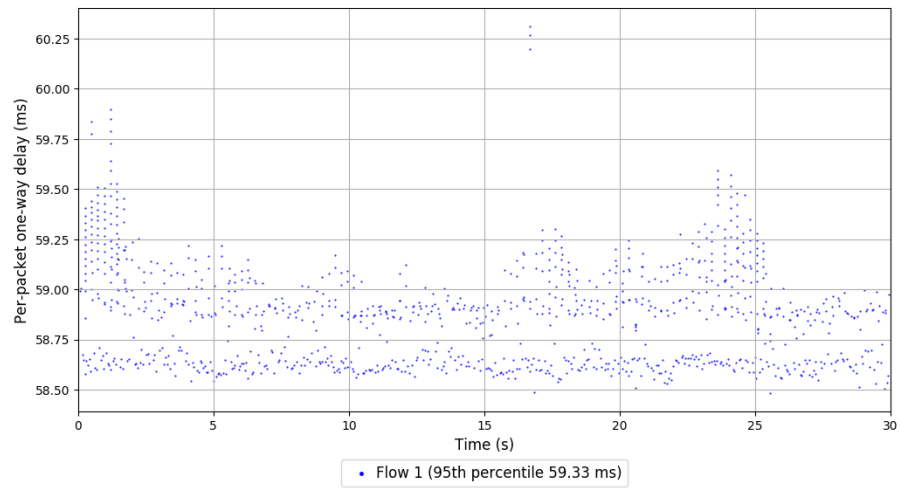
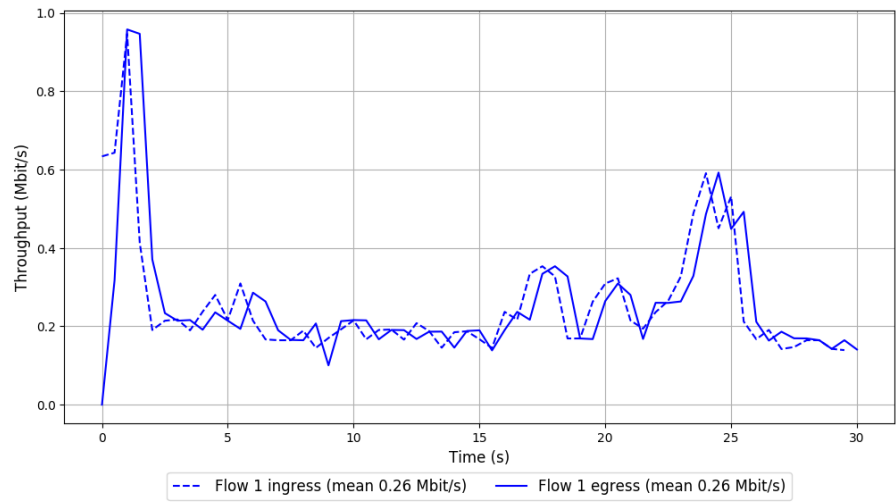


Run 5: Statistics of Sprout

Start at: 2018-07-24 09:01:15
End at: 2018-07-24 09:01:45
Local clock offset: -1.681 ms
Remote clock offset: -36.505 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 59.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 59.330 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

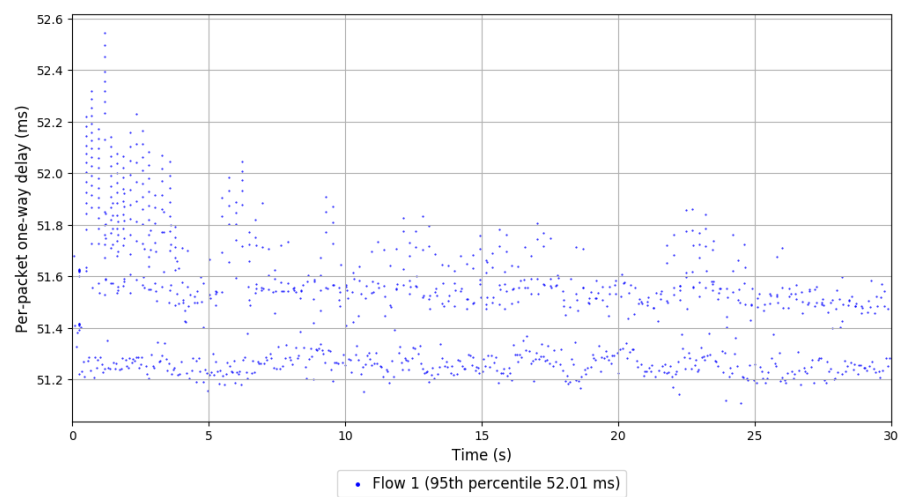
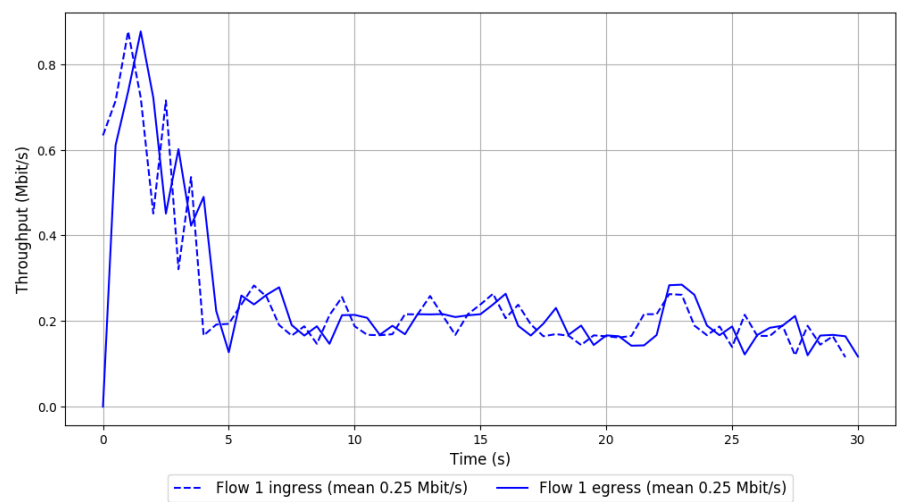


Run 6: Statistics of Sprout

Start at: 2018-07-24 09:28:50
End at: 2018-07-24 09:29:20
Local clock offset: 1.391 ms
Remote clock offset: -40.585 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 52.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 52.009 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

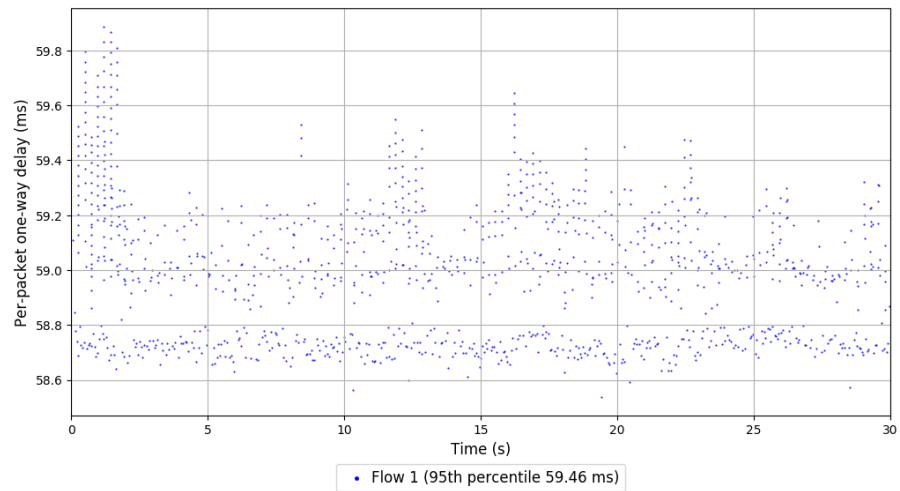
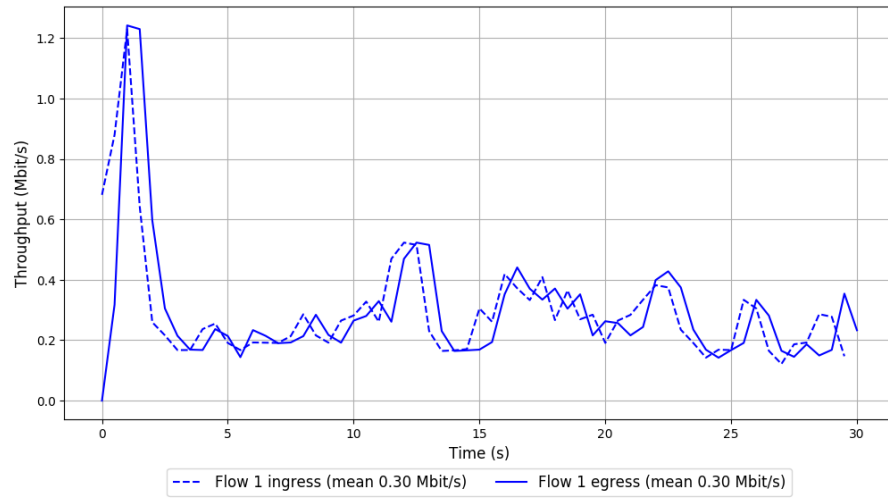


Run 7: Statistics of Sprout

Start at: 2018-07-24 09:50:53
End at: 2018-07-24 09:51:23
Local clock offset: -0.456 ms
Remote clock offset: -37.775 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 59.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 59.456 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

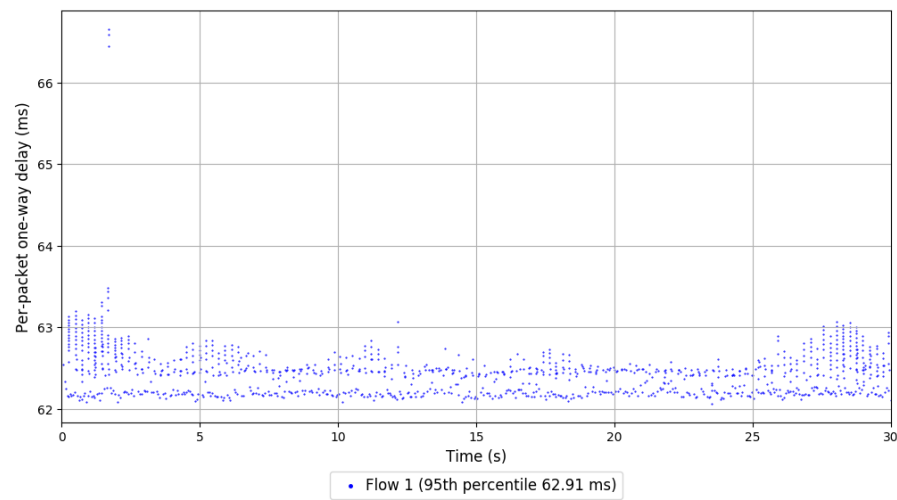
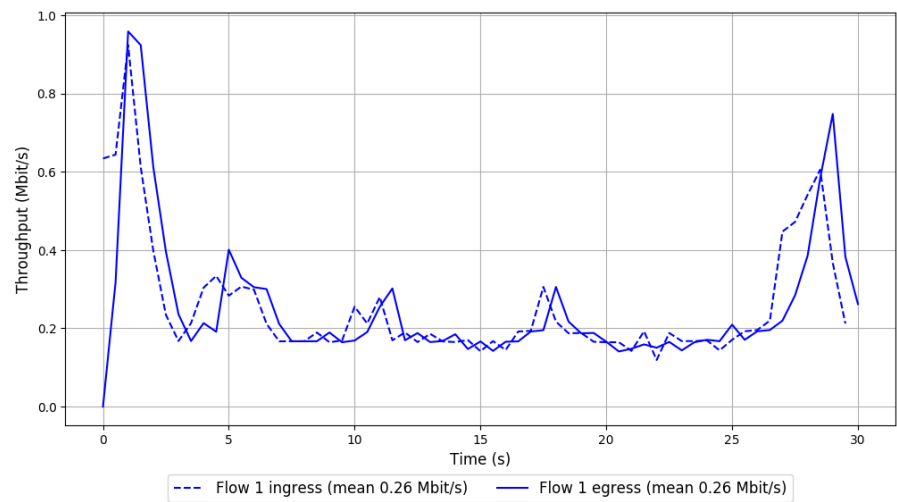


Run 8: Statistics of Sprout

Start at: 2018-07-24 10:12:58
End at: 2018-07-24 10:13:28
Local clock offset: -1.373 ms
Remote clock offset: -35.029 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 62.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 62.913 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

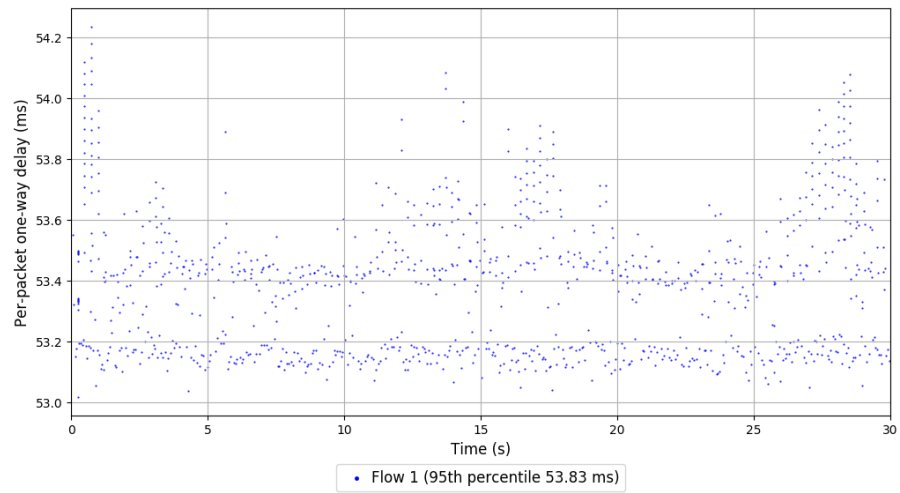
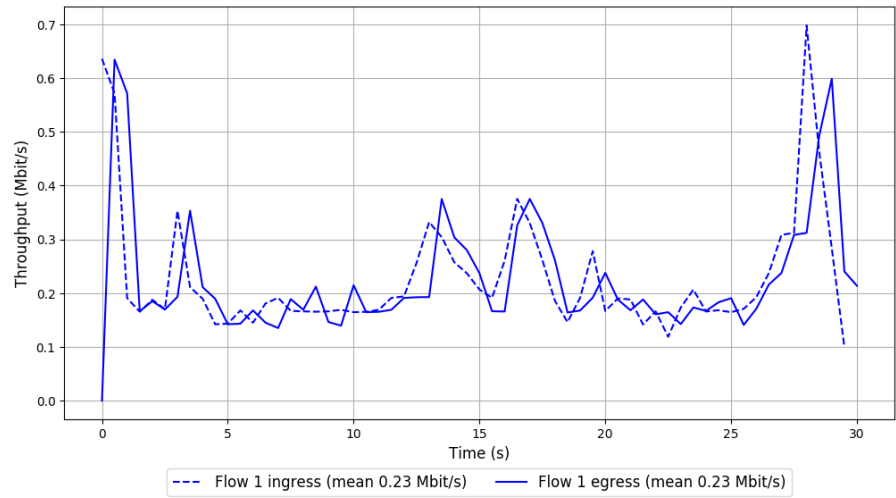


Run 9: Statistics of Sprout

Start at: 2018-07-24 10:35:06
End at: 2018-07-24 10:35:36
Local clock offset: 2.278 ms
Remote clock offset: -38.282 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 53.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 53.829 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

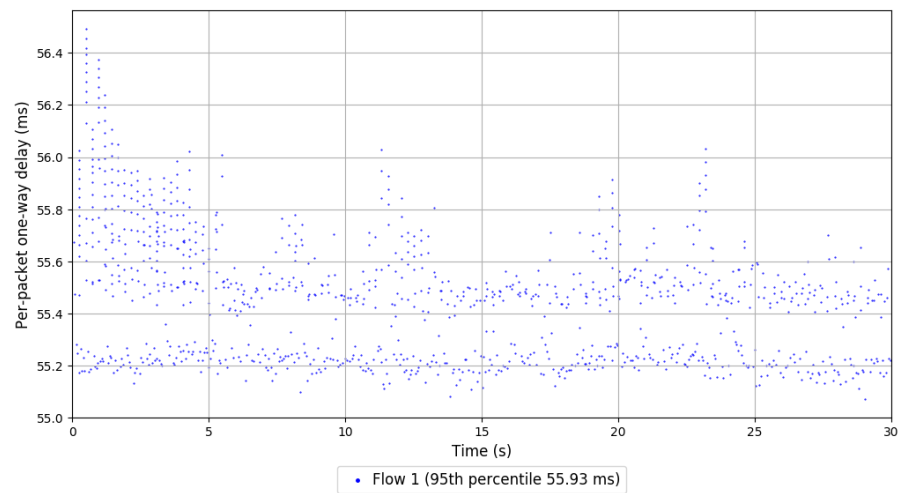
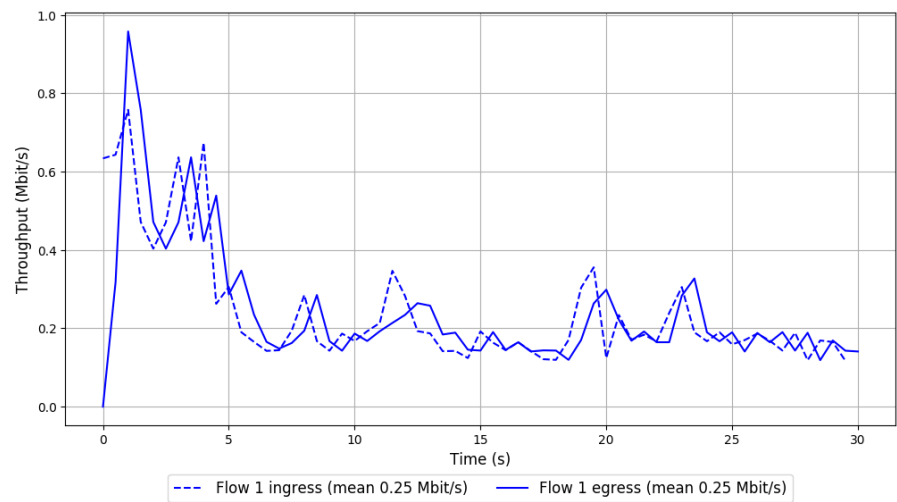


Run 10: Statistics of Sprout

Start at: 2018-07-24 11:02:46
End at: 2018-07-24 11:03:16
Local clock offset: -1.422 ms
Remote clock offset: -42.621 ms

Below is generated by plot.py at 2018-07-24 12:15:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 55.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 55.933 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

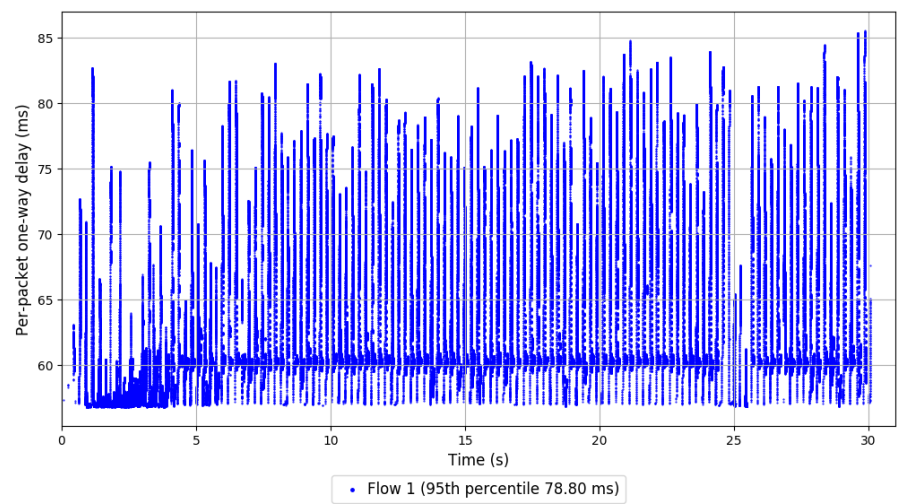
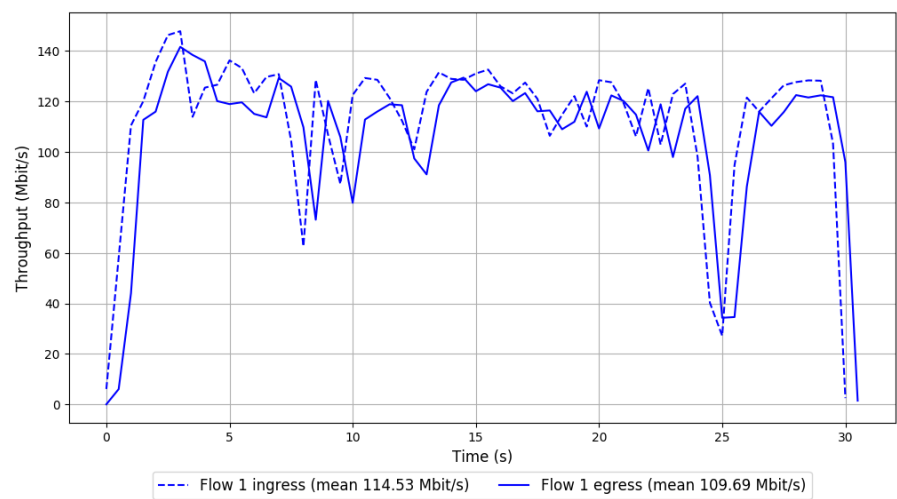


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-24 06:44:40
End at: 2018-07-24 06:45:10
Local clock offset: -2.069 ms
Remote clock offset: -40.68 ms

Below is generated by plot.py at 2018-07-24 12:16:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 109.69 Mbit/s
95th percentile per-packet one-way delay: 78.796 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 109.69 Mbit/s
95th percentile per-packet one-way delay: 78.796 ms
Loss rate: 4.21%

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

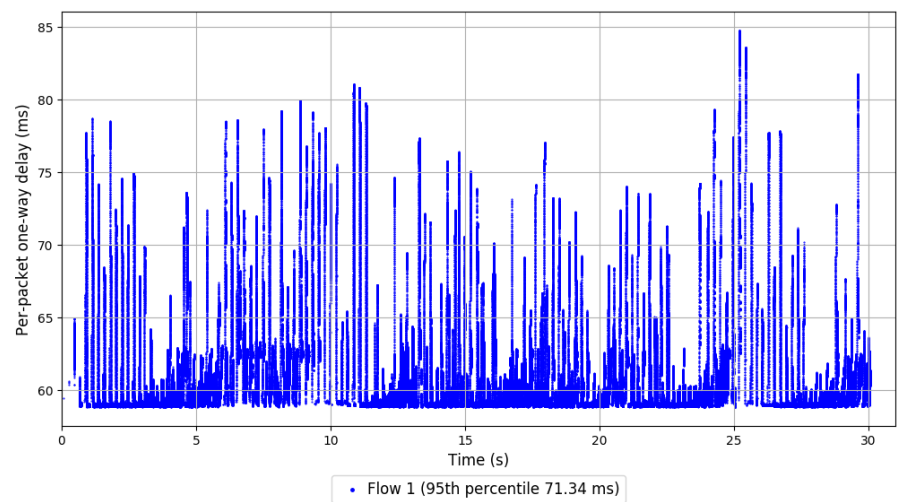
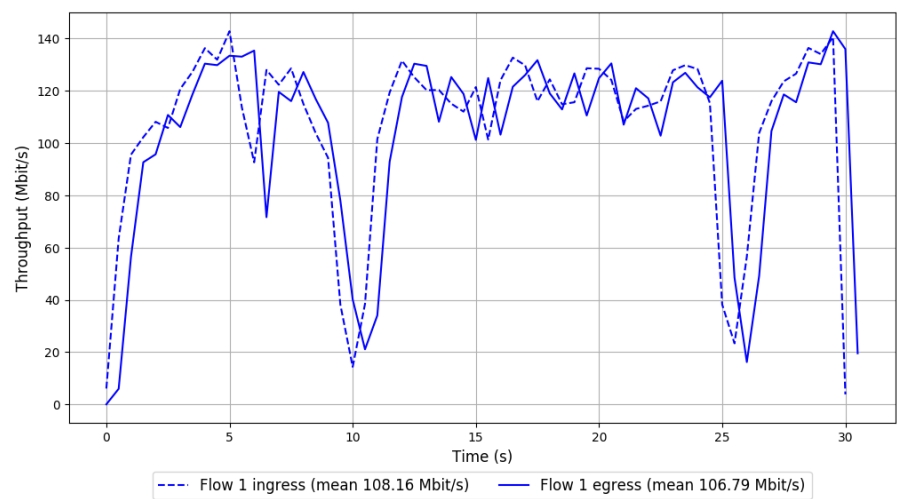


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-24 07:06:45
End at: 2018-07-24 07:07:15
Local clock offset: -2.139 ms
Remote clock offset: -40.964 ms

Below is generated by plot.py at 2018-07-24 12:16:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.79 Mbit/s
95th percentile per-packet one-way delay: 71.336 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 106.79 Mbit/s
95th percentile per-packet one-way delay: 71.336 ms
Loss rate: 1.27%

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

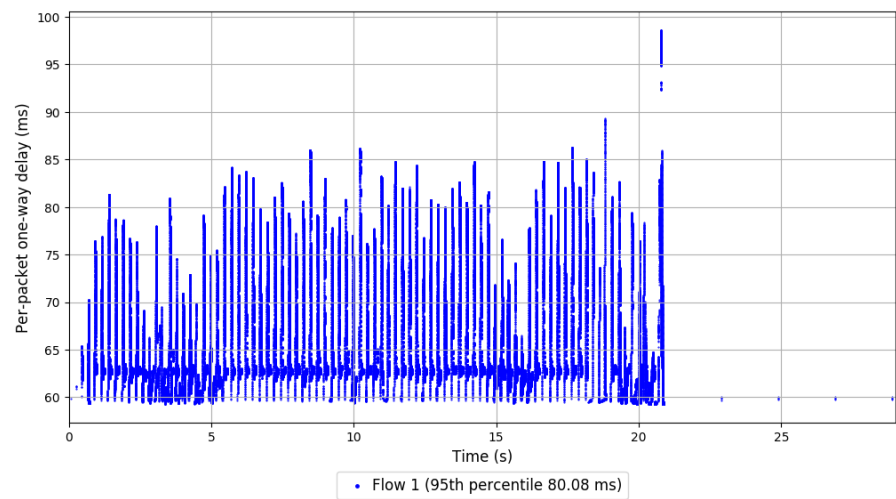
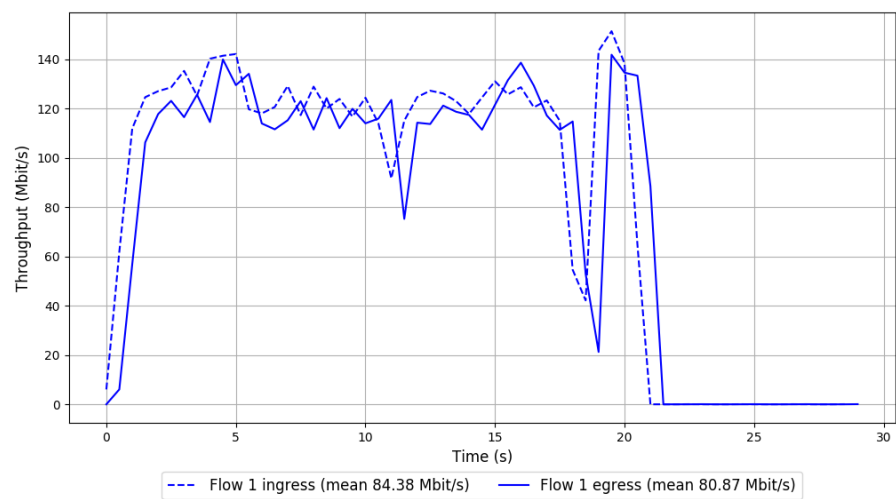


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-24 07:34:33
End at: 2018-07-24 07:35:04
Local clock offset: 1.296 ms
Remote clock offset: -36.446 ms

Below is generated by plot.py at 2018-07-24 12:16:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 80.075 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 80.075 ms
Loss rate: 4.16%

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

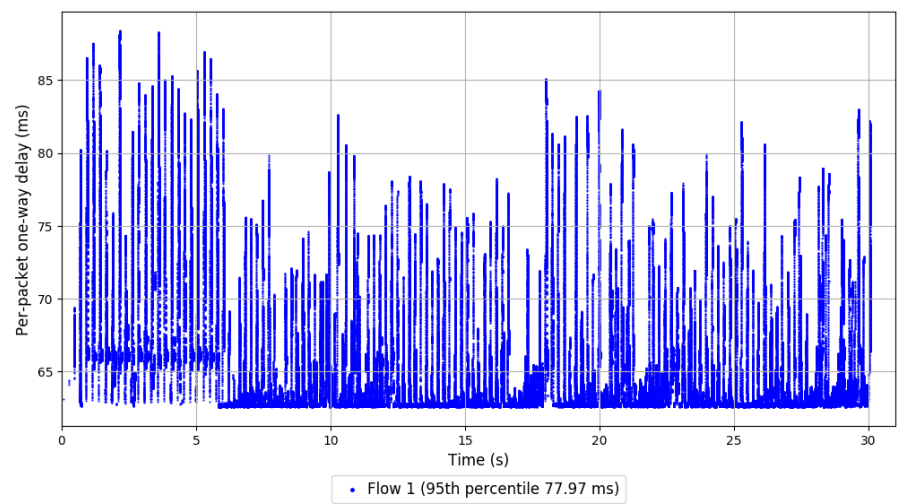
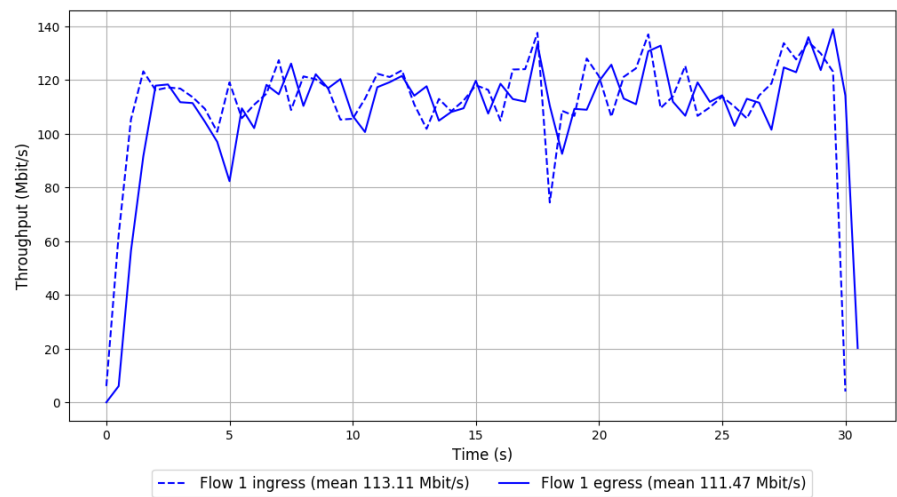


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-24 08:23:07
End at: 2018-07-24 08:23:37
Local clock offset: -0.567 ms
Remote clock offset: -34.358 ms

Below is generated by plot.py at 2018-07-24 12:16:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 111.47 Mbit/s
95th percentile per-packet one-way delay: 77.966 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 111.47 Mbit/s
95th percentile per-packet one-way delay: 77.966 ms
Loss rate: 1.44%

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

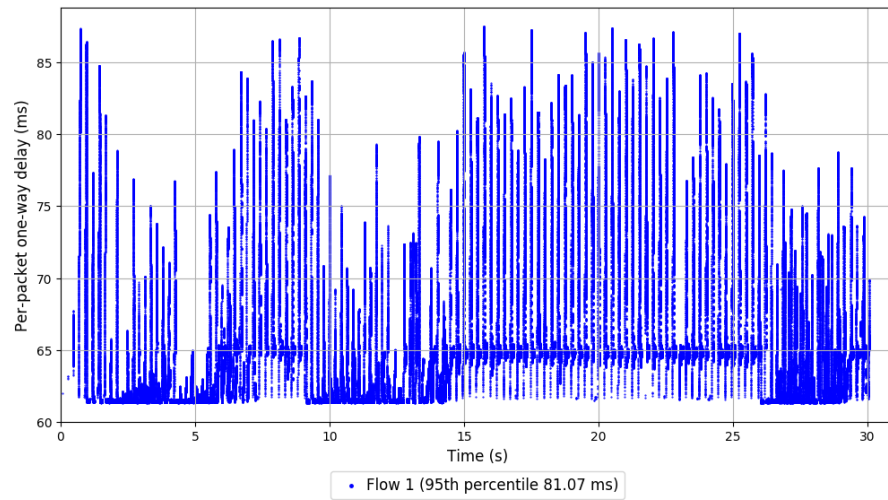
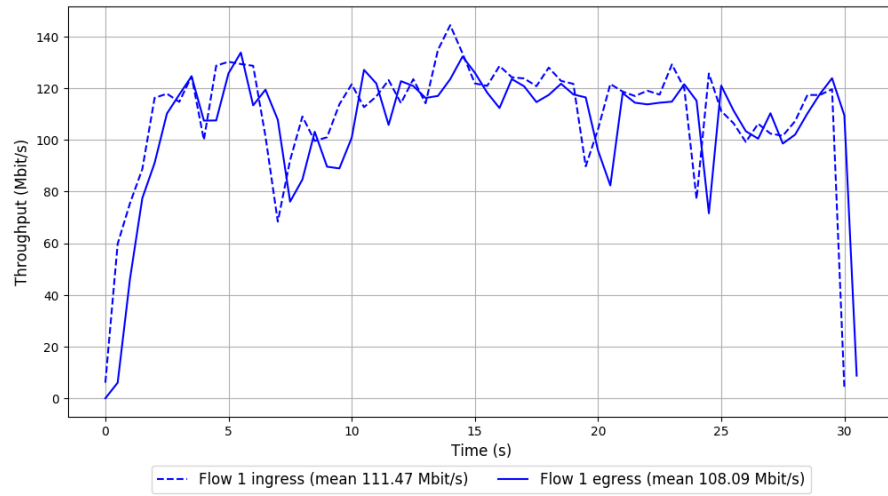


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-24 08:50:15
End at: 2018-07-24 08:50:45
Local clock offset: -0.509 ms
Remote clock offset: -35.079 ms

Below is generated by plot.py at 2018-07-24 12:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 108.09 Mbit/s
95th percentile per-packet one-way delay: 81.072 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 108.09 Mbit/s
95th percentile per-packet one-way delay: 81.072 ms
Loss rate: 3.03%

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

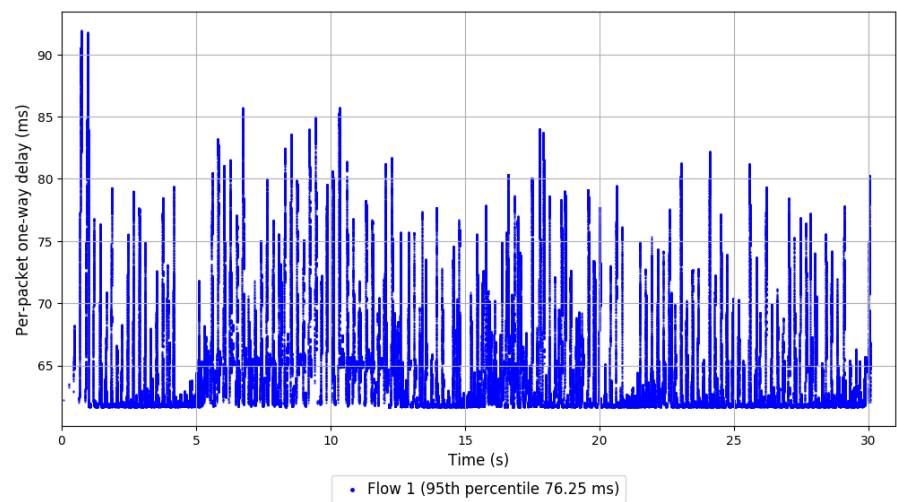
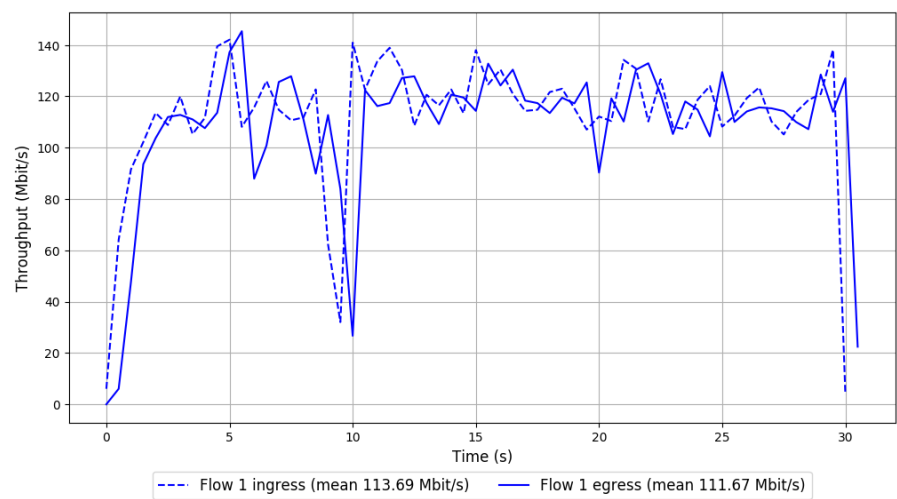


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-24 09:17:53
End at: 2018-07-24 09:18:23
Local clock offset: -0.671 ms
Remote clock offset: -32.53 ms

Below is generated by plot.py at 2018-07-24 12:16:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 111.67 Mbit/s
95th percentile per-packet one-way delay: 76.251 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 111.67 Mbit/s
95th percentile per-packet one-way delay: 76.251 ms
Loss rate: 1.78%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-24 09:45:24

End at: 2018-07-24 09:45:54

Local clock offset: -0.112 ms

Remote clock offset: -39.73 ms

Below is generated by plot.py at 2018-07-24 12:17:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 114.04 Mbit/s

95th percentile per-packet one-way delay: 72.044 ms

Loss rate: 3.05%

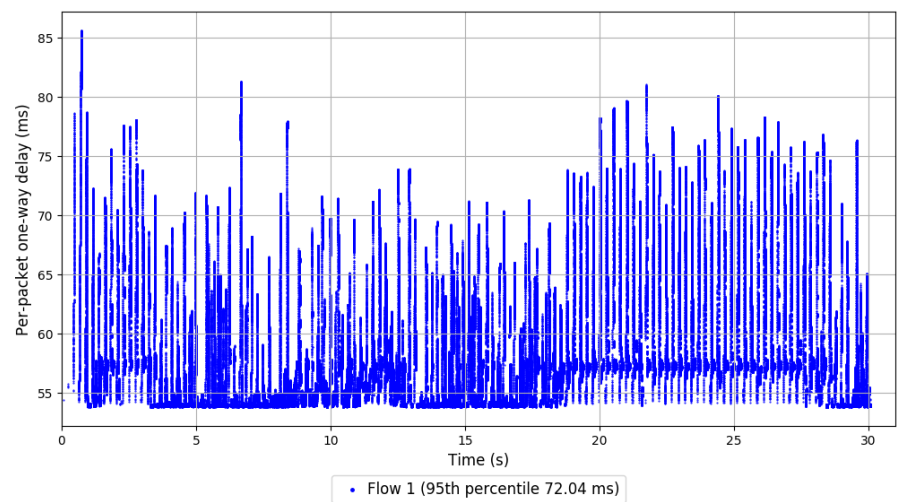
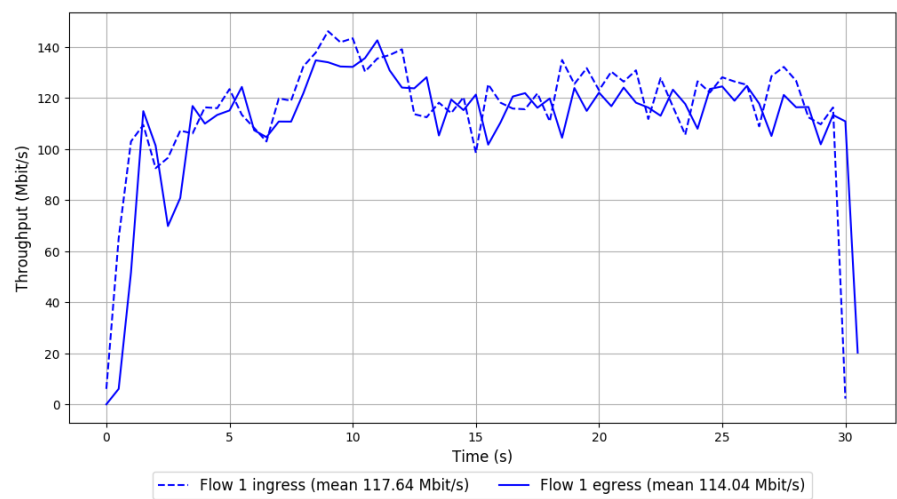
-- Flow 1:

Average throughput: 114.04 Mbit/s

95th percentile per-packet one-way delay: 72.044 ms

Loss rate: 3.05%

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

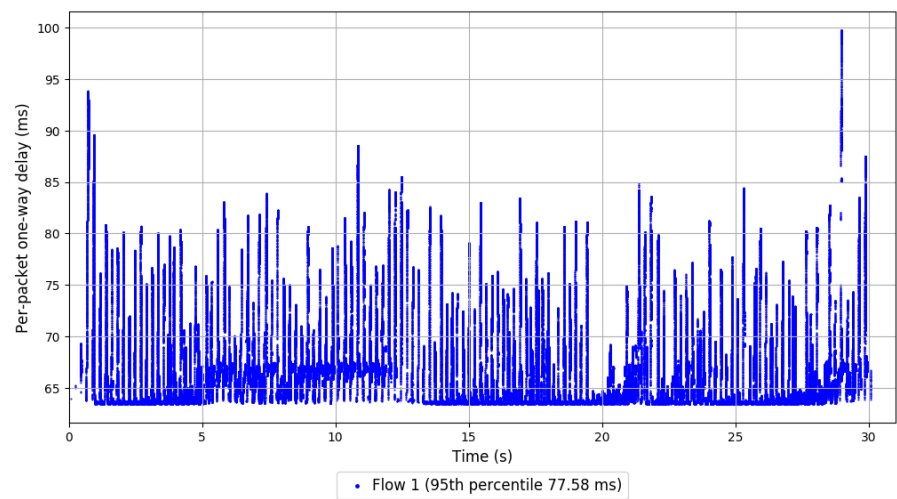
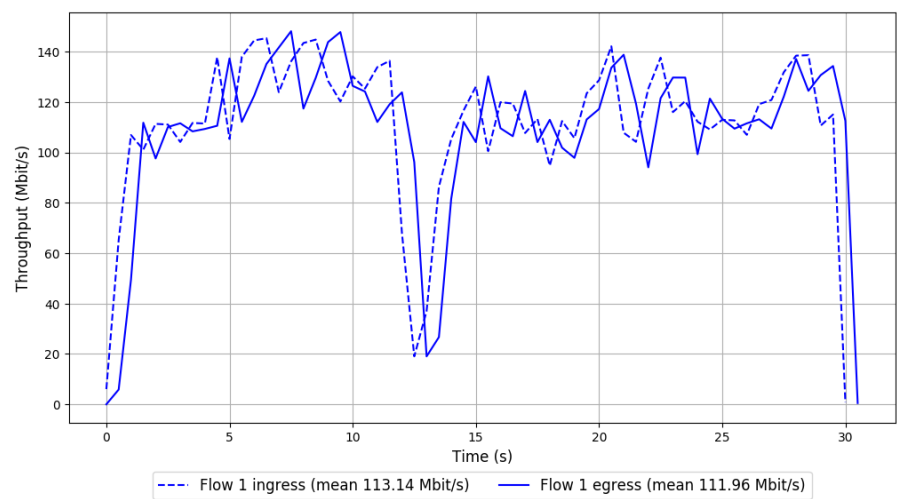


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-24 10:07:30
End at: 2018-07-24 10:08:00
Local clock offset: -0.729 ms
Remote clock offset: -30.666 ms

Below is generated by plot.py at 2018-07-24 12:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 111.96 Mbit/s
95th percentile per-packet one-way delay: 77.582 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 111.96 Mbit/s
95th percentile per-packet one-way delay: 77.582 ms
Loss rate: 1.03%

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

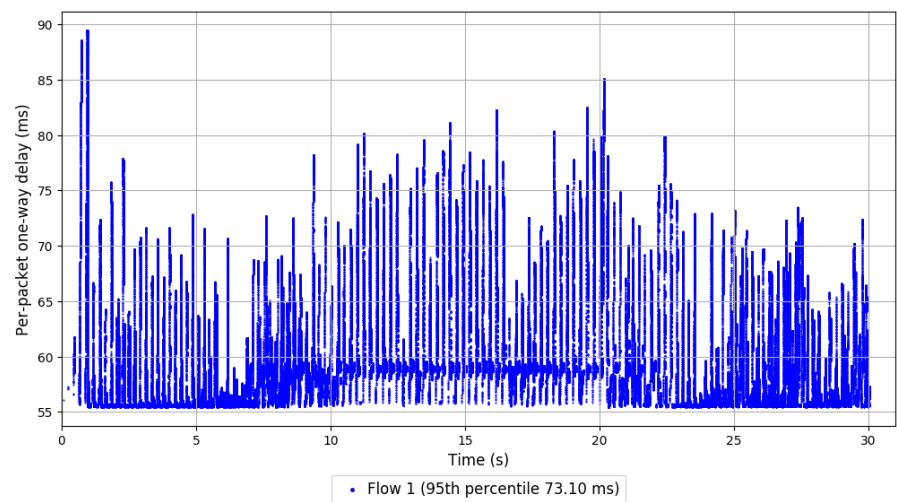
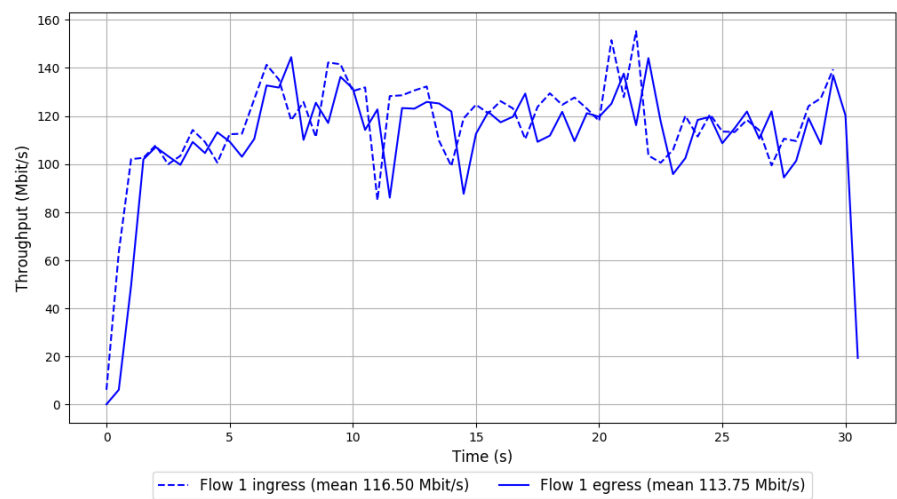


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-24 10:29:38
End at: 2018-07-24 10:30:08
Local clock offset: 0.783 ms
Remote clock offset: -40.013 ms

Below is generated by plot.py at 2018-07-24 12:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 113.75 Mbit/s
95th percentile per-packet one-way delay: 73.100 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 113.75 Mbit/s
95th percentile per-packet one-way delay: 73.100 ms
Loss rate: 2.37%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-24 10:57:16

End at: 2018-07-24 10:57:46

Local clock offset: 0.201 ms

Remote clock offset: -35.554 ms

Below is generated by plot.py at 2018-07-24 12:18:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 109.69 Mbit/s

95th percentile per-packet one-way delay: 70.438 ms

Loss rate: 0.96%

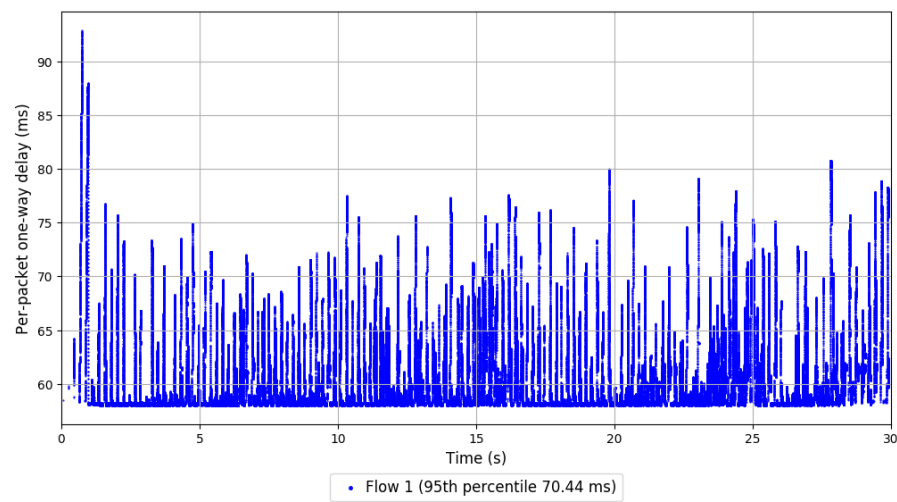
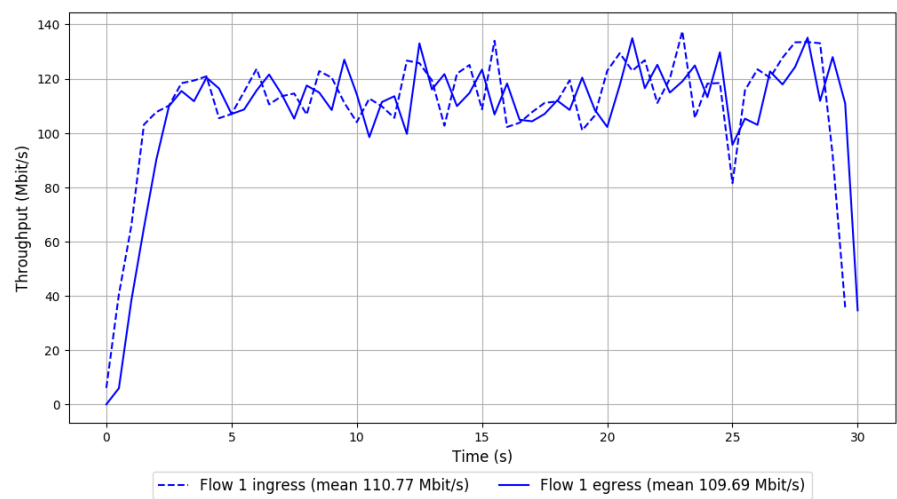
-- Flow 1:

Average throughput: 109.69 Mbit/s

95th percentile per-packet one-way delay: 70.438 ms

Loss rate: 0.96%

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

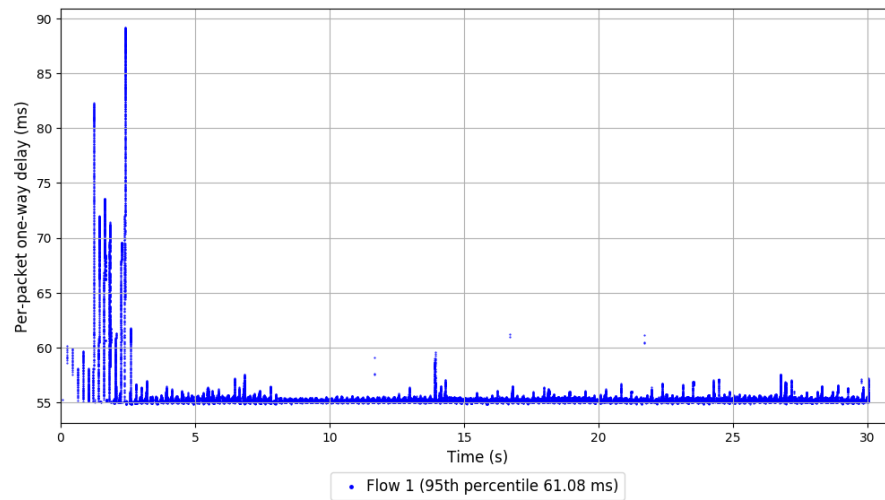
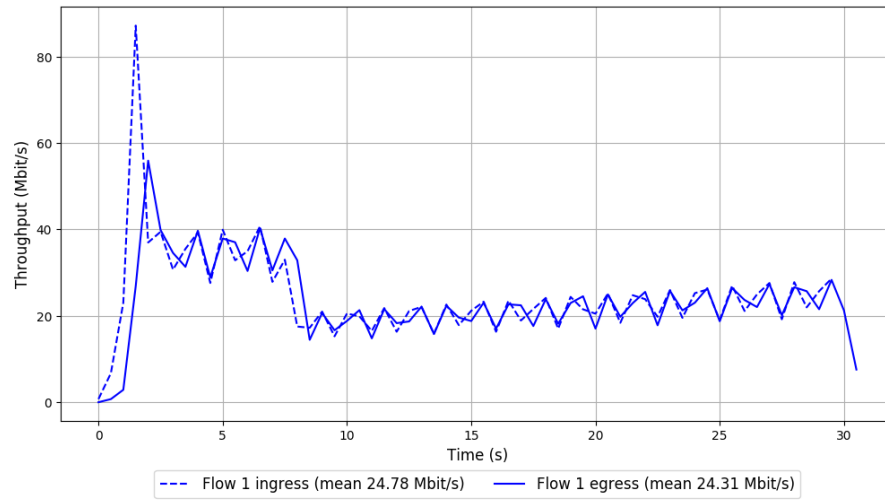


Run 1: Statistics of TCP Vegas

Start at: 2018-07-24 06:47:29
End at: 2018-07-24 06:47:59
Local clock offset: 2.154 ms
Remote clock offset: -37.956 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 61.077 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 61.077 ms
Loss rate: 1.91%

Run 1: Report of TCP Vegas — Data Link

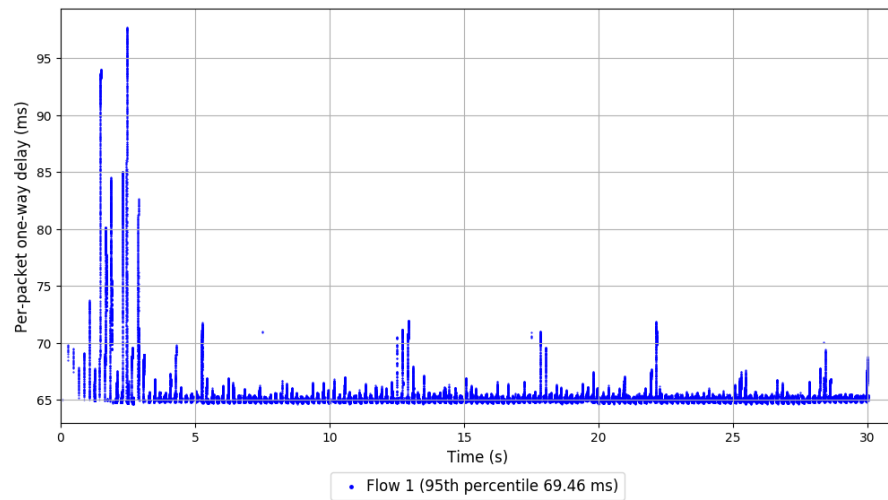
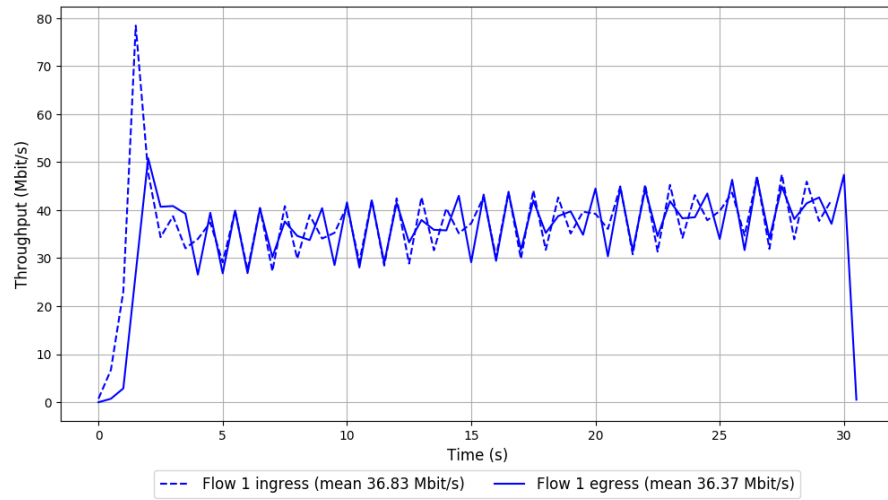


Run 2: Statistics of TCP Vegas

Start at: 2018-07-24 07:09:34
End at: 2018-07-24 07:10:04
Local clock offset: -1.004 ms
Remote clock offset: -33.79 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 69.464 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 69.464 ms
Loss rate: 1.25%

Run 2: Report of TCP Vegas — Data Link

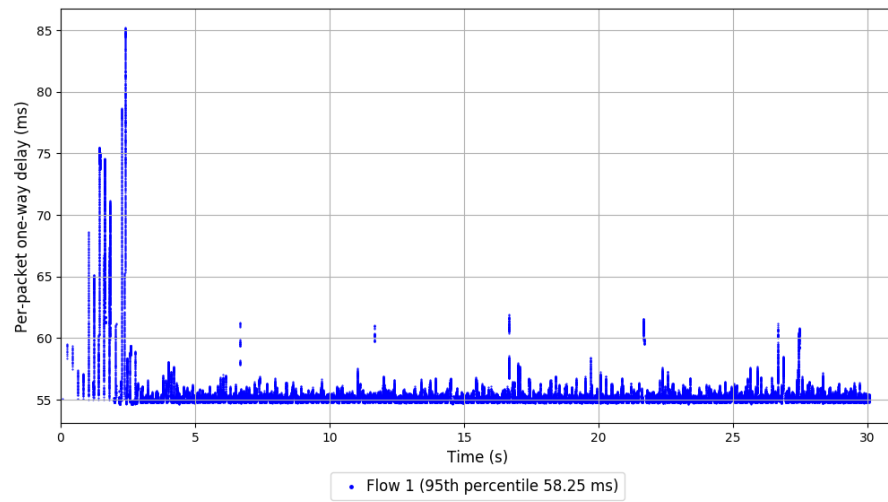
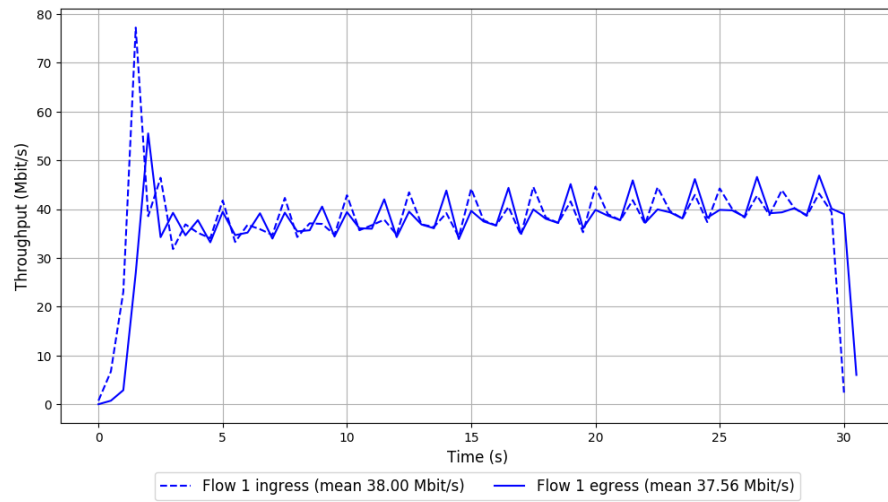


Run 3: Statistics of TCP Vegas

Start at: 2018-07-24 07:43:00
End at: 2018-07-24 07:43:30
Local clock offset: 0.855 ms
Remote clock offset: -38.714 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 58.247 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 58.247 ms
Loss rate: 1.14%

Run 3: Report of TCP Vegas — Data Link

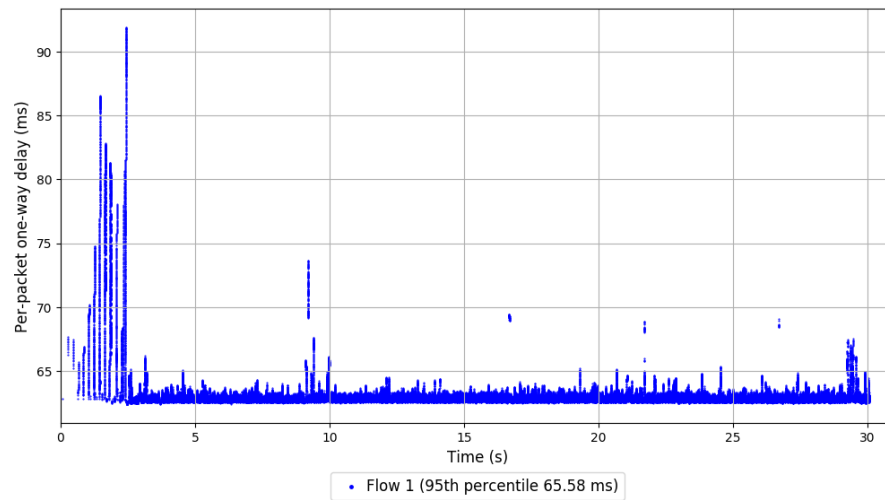
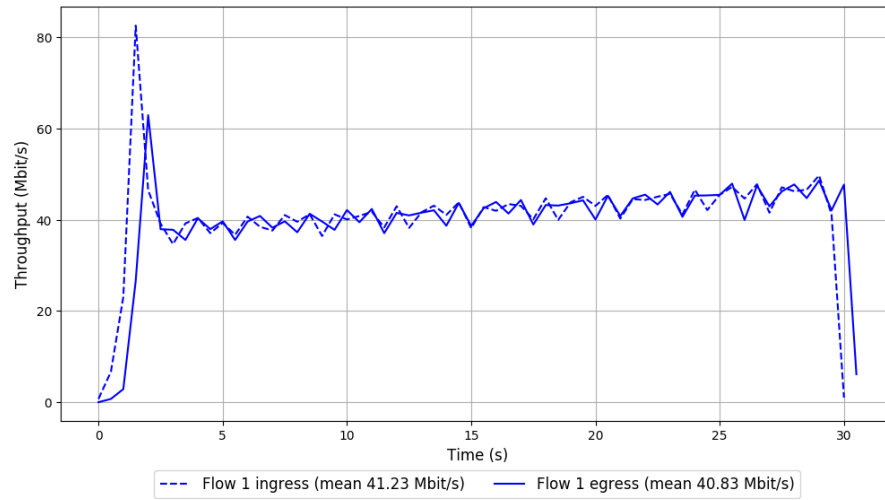


Run 4: Statistics of TCP Vegas

Start at: 2018-07-24 08:25:56
End at: 2018-07-24 08:26:26
Local clock offset: -0.589 ms
Remote clock offset: -32.07 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 65.578 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 65.578 ms
Loss rate: 0.97%

Run 4: Report of TCP Vegas — Data Link

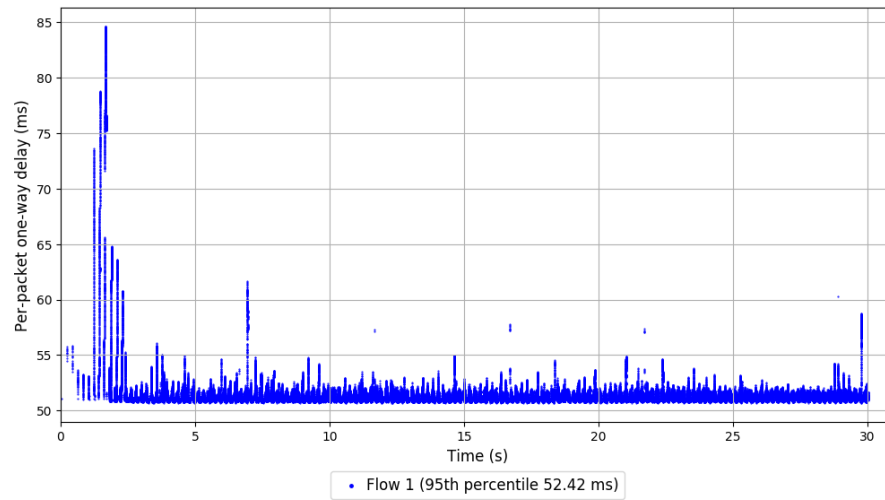
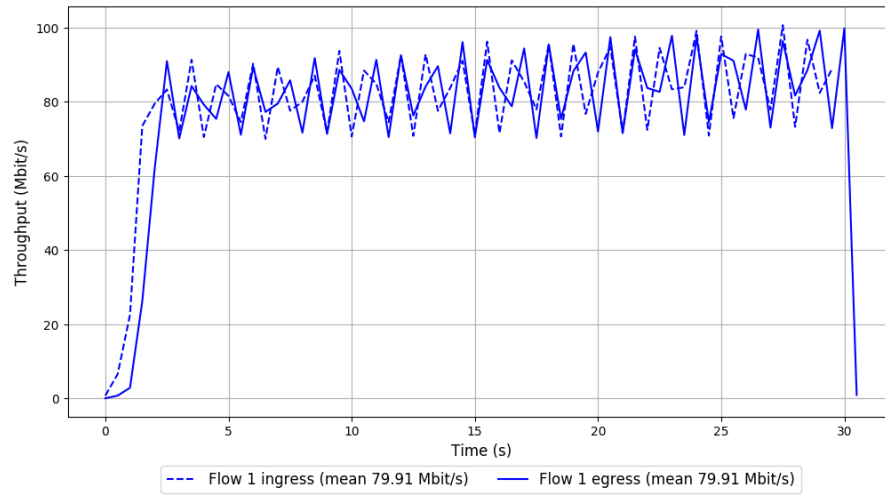


Run 5: Statistics of TCP Vegas

Start at: 2018-07-24 08:53:03
End at: 2018-07-24 08:53:33
Local clock offset: 0.117 ms
Remote clock offset: -42.689 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.91 Mbit/s
95th percentile per-packet one-way delay: 52.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.91 Mbit/s
95th percentile per-packet one-way delay: 52.416 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-07-24 09:26:11

End at: 2018-07-24 09:26:41

Local clock offset: 1.16 ms

Remote clock offset: -35.569 ms

Below is generated by plot.py at 2018-07-24 12:18:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.64 Mbit/s

95th percentile per-packet one-way delay: 59.504 ms

Loss rate: 1.21%

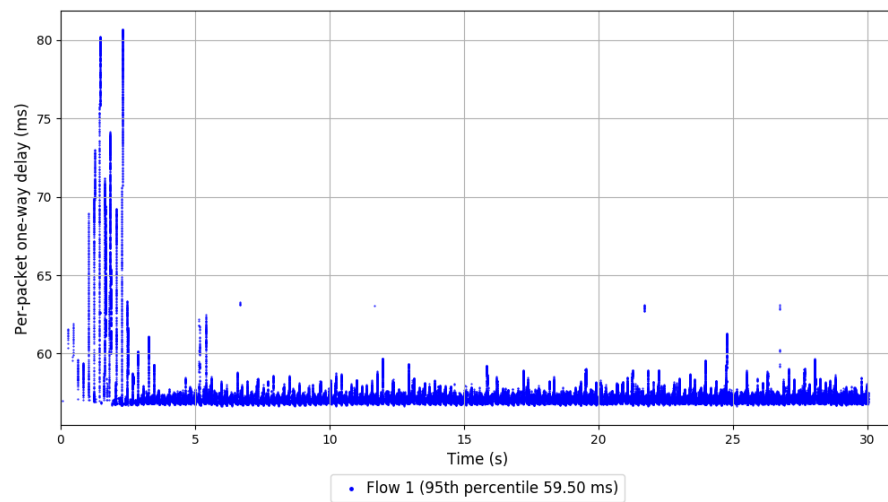
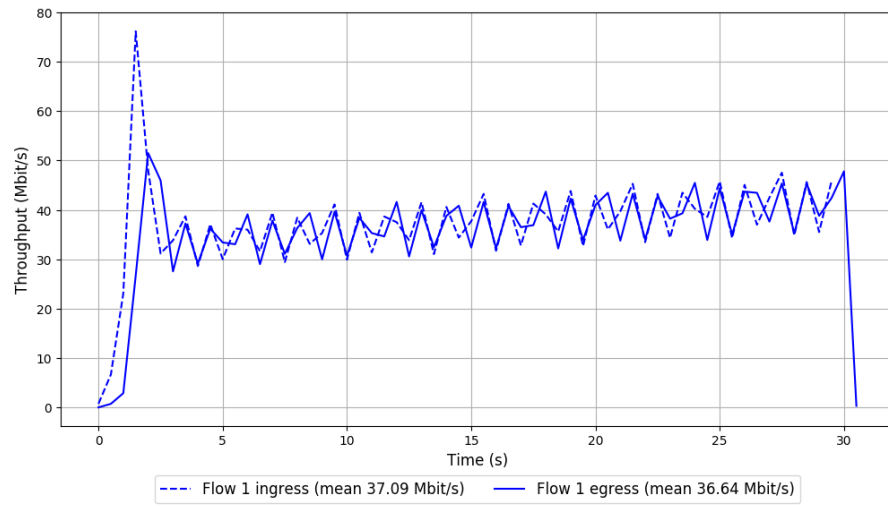
-- Flow 1:

Average throughput: 36.64 Mbit/s

95th percentile per-packet one-way delay: 59.504 ms

Loss rate: 1.21%

Run 6: Report of TCP Vegas — Data Link

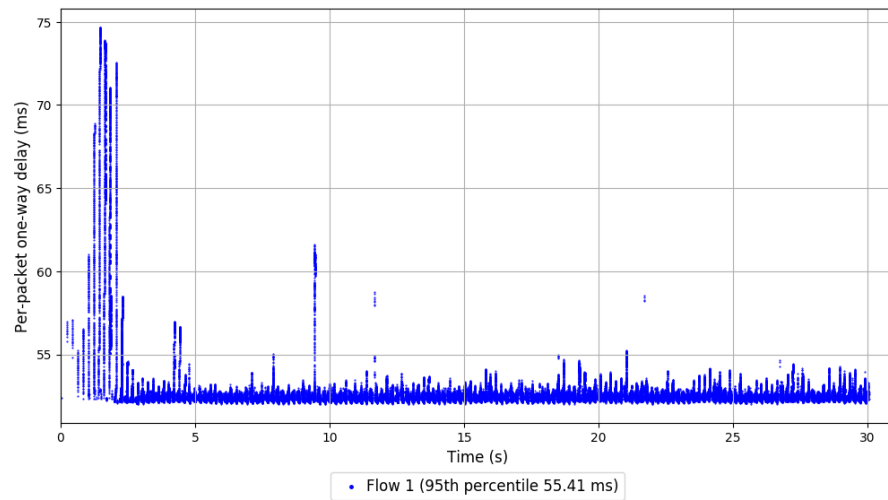
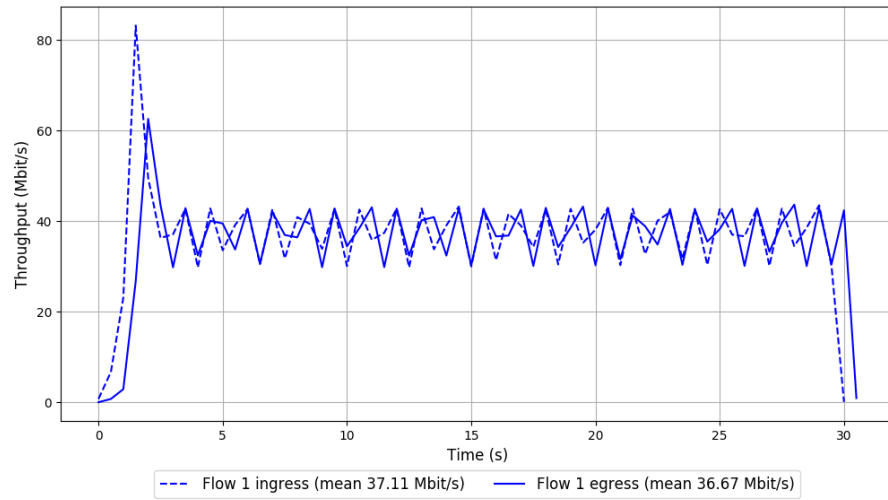


Run 7: Statistics of TCP Vegas

Start at: 2018-07-24 09:48:14
End at: 2018-07-24 09:48:44
Local clock offset: 3.175 ms
Remote clock offset: -38.086 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 55.411 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 55.411 ms
Loss rate: 1.20%

Run 7: Report of TCP Vegas — Data Link

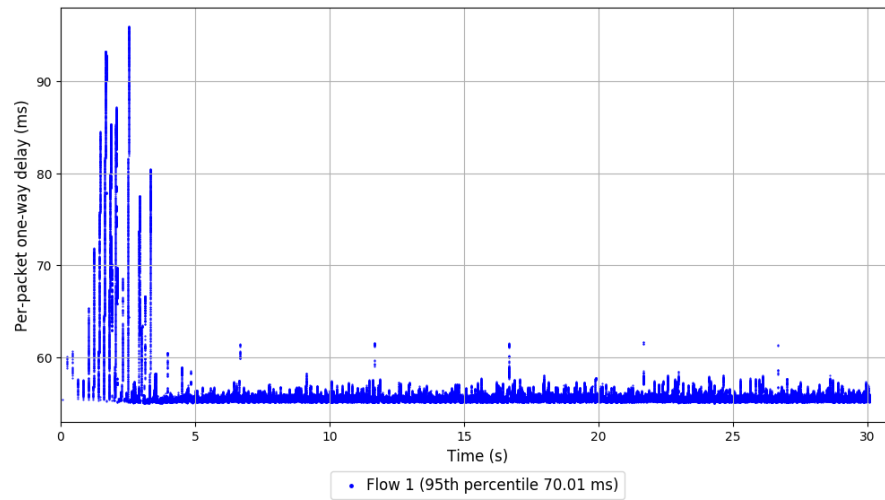
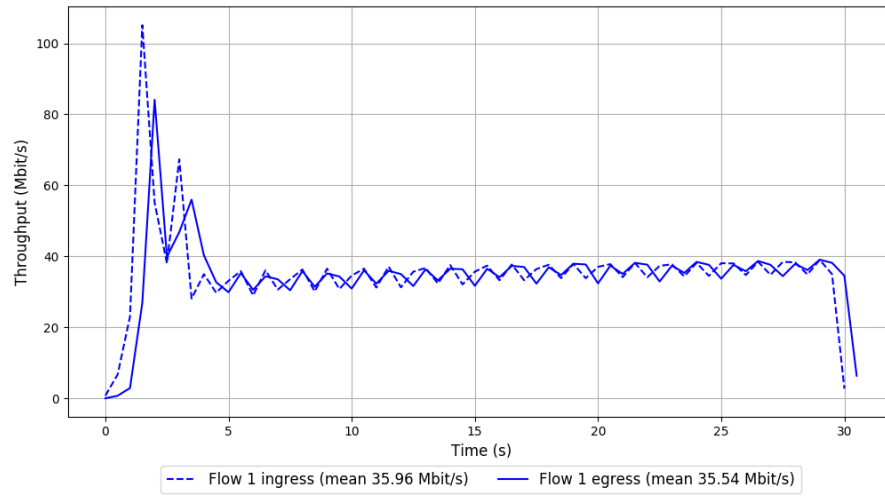


Run 8: Statistics of TCP Vegas

Start at: 2018-07-24 10:10:19
End at: 2018-07-24 10:10:49
Local clock offset: -1.47 ms
Remote clock offset: -40.067 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 70.006 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 70.006 ms
Loss rate: 1.15%

Run 8: Report of TCP Vegas — Data Link

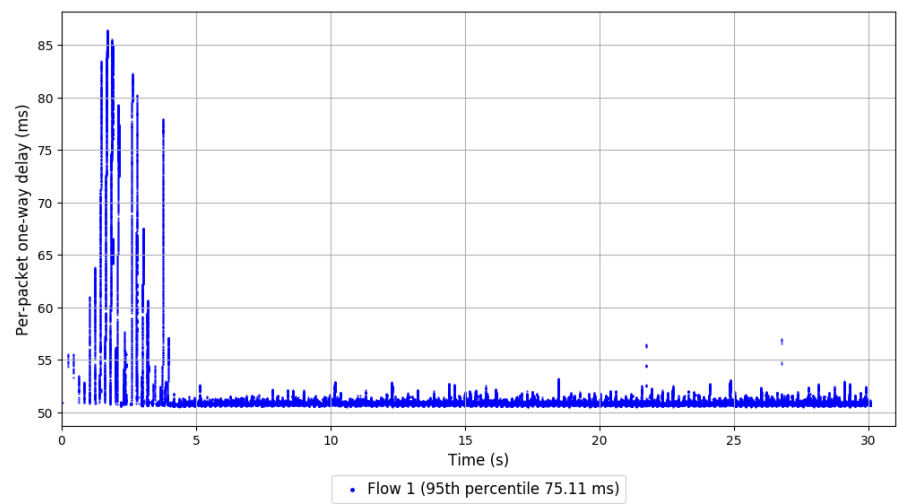
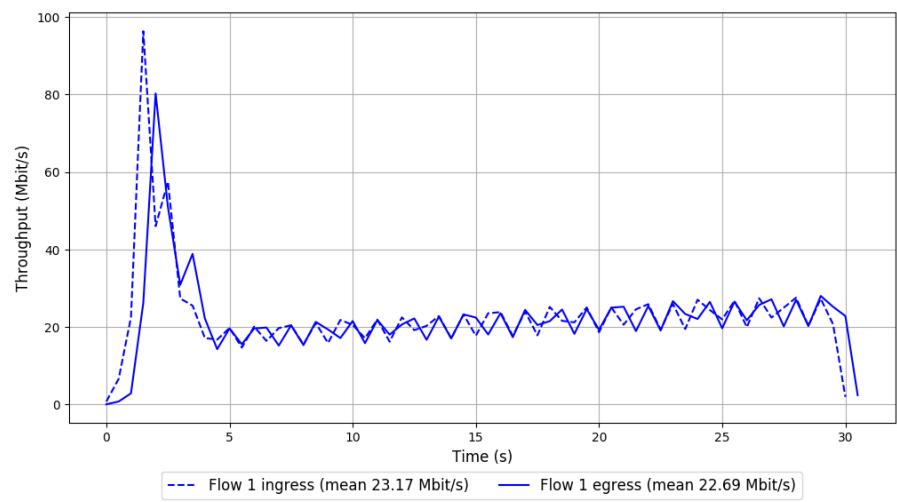


Run 9: Statistics of TCP Vegas

Start at: 2018-07-24 10:32:27
End at: 2018-07-24 10:32:57
Local clock offset: 0.777 ms
Remote clock offset: -42.229 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 75.110 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 75.110 ms
Loss rate: 2.07%

Run 9: Report of TCP Vegas — Data Link

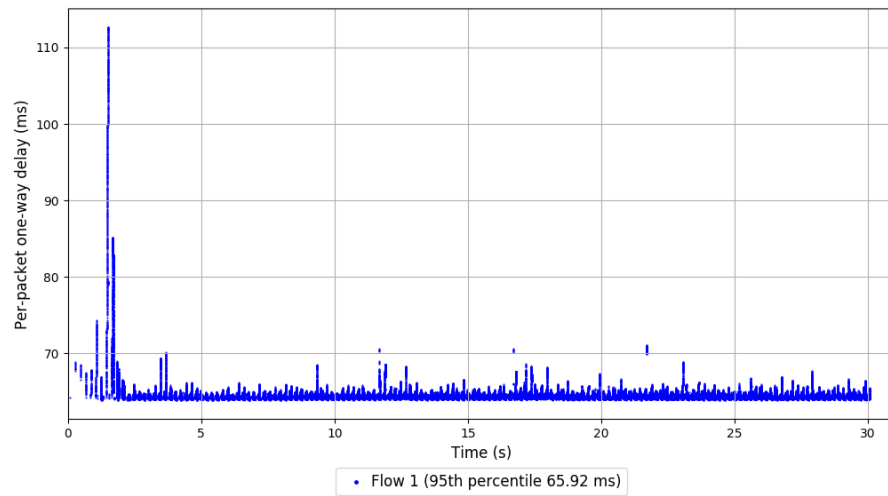
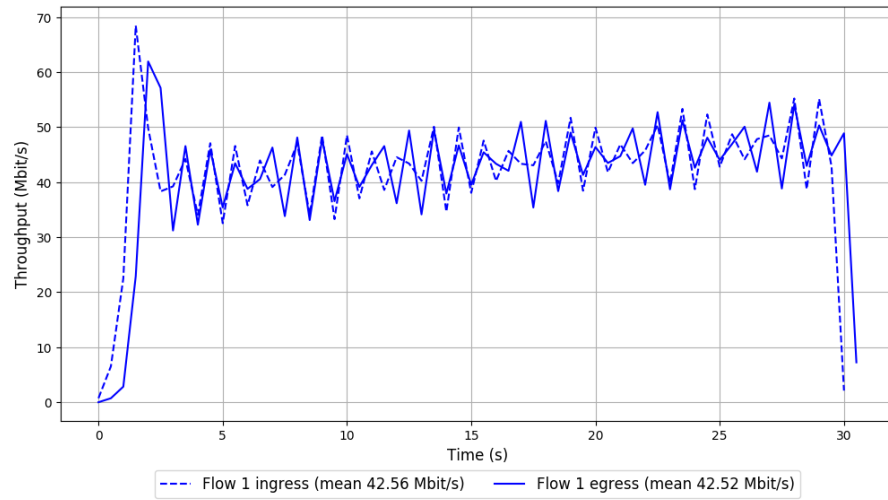


Run 10: Statistics of TCP Vegas

Start at: 2018-07-24 11:00:07
End at: 2018-07-24 11:00:37
Local clock offset: 0.214 ms
Remote clock offset: -32.214 ms

Below is generated by plot.py at 2018-07-24 12:18:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 65.923 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 65.923 ms
Loss rate: 0.09%

Run 10: Report of TCP Vegas — Data Link

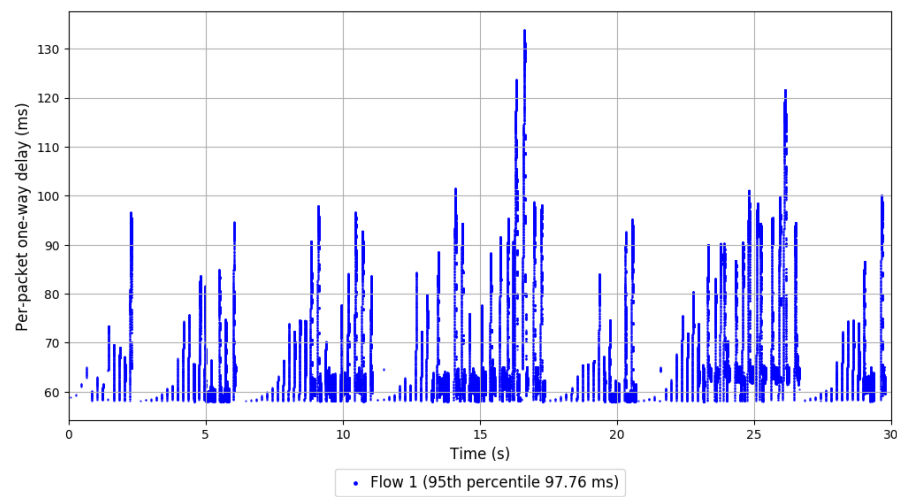
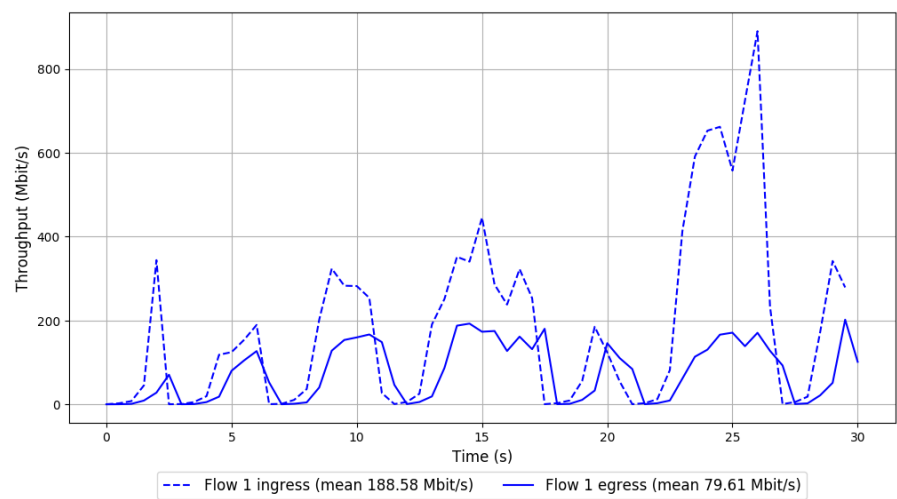


Run 1: Statistics of Verus

Start at: 2018-07-24 06:51:17
End at: 2018-07-24 06:51:47
Local clock offset: 2.145 ms
Remote clock offset: -37.939 ms

Below is generated by plot.py at 2018-07-24 12:18:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.61 Mbit/s
95th percentile per-packet one-way delay: 97.762 ms
Loss rate: 57.78%
-- Flow 1:
Average throughput: 79.61 Mbit/s
95th percentile per-packet one-way delay: 97.762 ms
Loss rate: 57.78%

Run 1: Report of Verus — Data Link

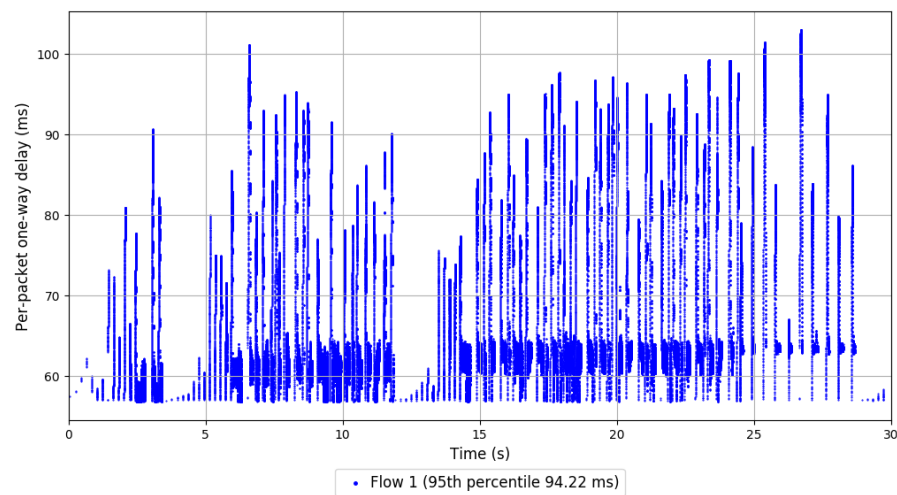
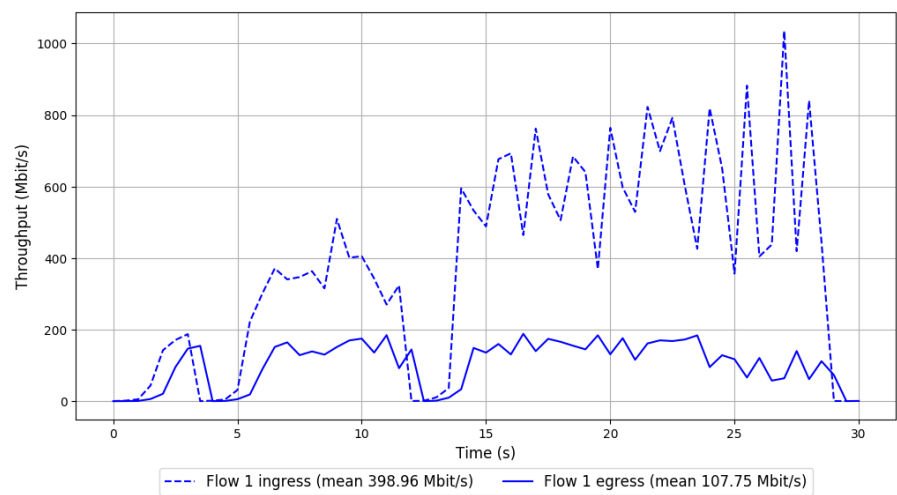


Run 2: Statistics of Verus

Start at: 2018-07-24 07:13:21
End at: 2018-07-24 07:13:51
Local clock offset: 2.865 ms
Remote clock offset: -37.955 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 107.75 Mbit/s
95th percentile per-packet one-way delay: 94.221 ms
Loss rate: 72.99%
-- Flow 1:
Average throughput: 107.75 Mbit/s
95th percentile per-packet one-way delay: 94.221 ms
Loss rate: 72.99%

Run 2: Report of Verus — Data Link

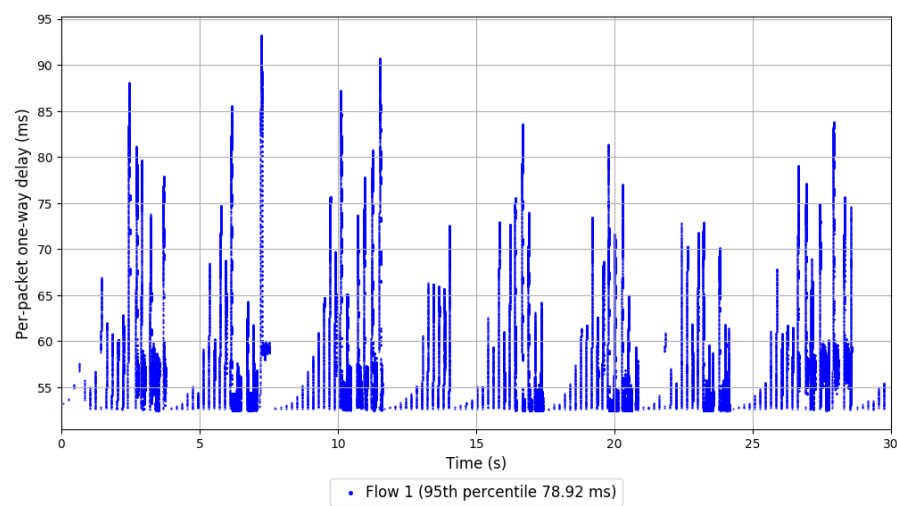
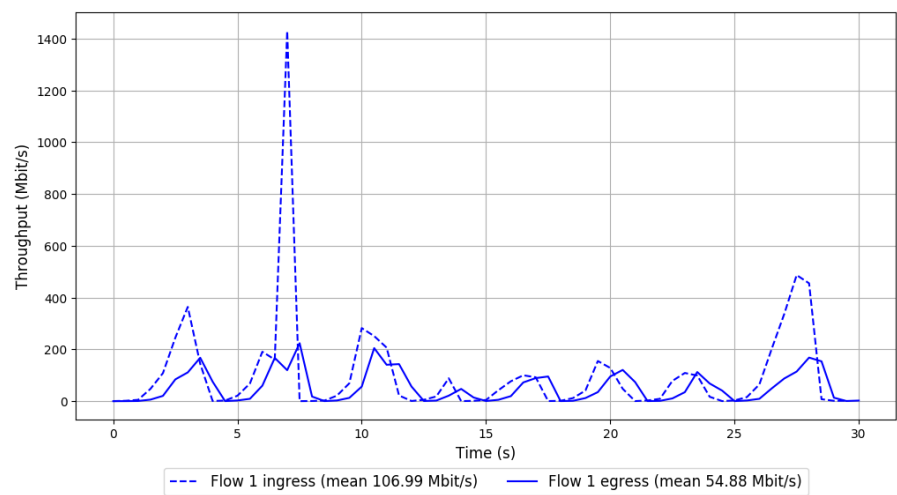


Run 3: Statistics of Verus

Start at: 2018-07-24 07:56:22
End at: 2018-07-24 07:56:52
Local clock offset: 1.638 ms
Remote clock offset: -42.556 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 78.923 ms
Loss rate: 48.70%
-- Flow 1:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 78.923 ms
Loss rate: 48.70%

Run 3: Report of Verus — Data Link

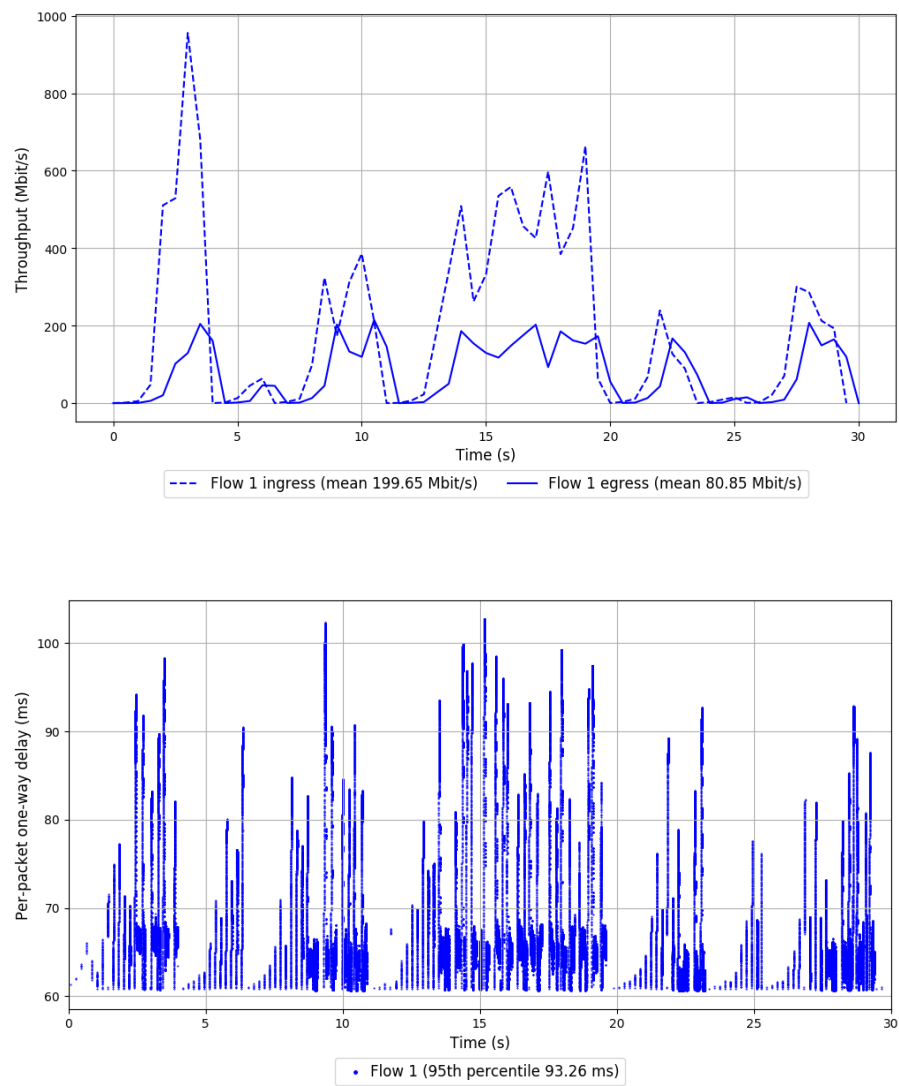


Run 4: Statistics of Verus

Start at: 2018-07-24 08:29:44
End at: 2018-07-24 08:30:14
Local clock offset: -1.221 ms
Remote clock offset: -34.512 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 93.261 ms
Loss rate: 59.51%
-- Flow 1:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 93.261 ms
Loss rate: 59.51%

Run 4: Report of Verus — Data Link

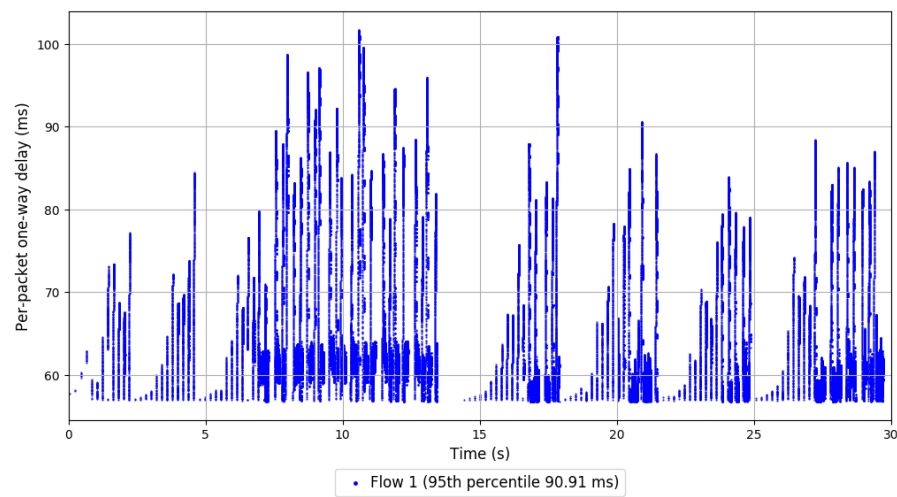
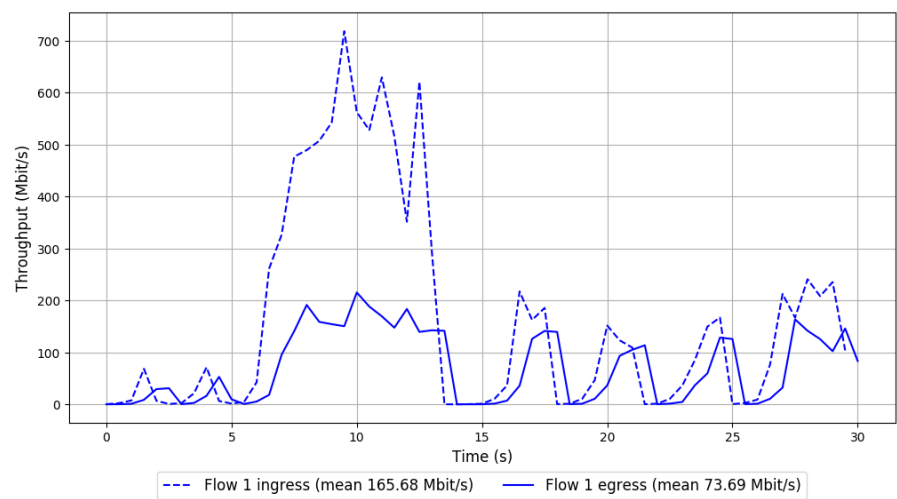


Run 5: Statistics of Verus

Start at: 2018-07-24 09:02:24
End at: 2018-07-24 09:02:54
Local clock offset: 1.543 ms
Remote clock offset: -35.123 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.69 Mbit/s
95th percentile per-packet one-way delay: 90.913 ms
Loss rate: 55.52%
-- Flow 1:
Average throughput: 73.69 Mbit/s
95th percentile per-packet one-way delay: 90.913 ms
Loss rate: 55.52%

Run 5: Report of Verus — Data Link

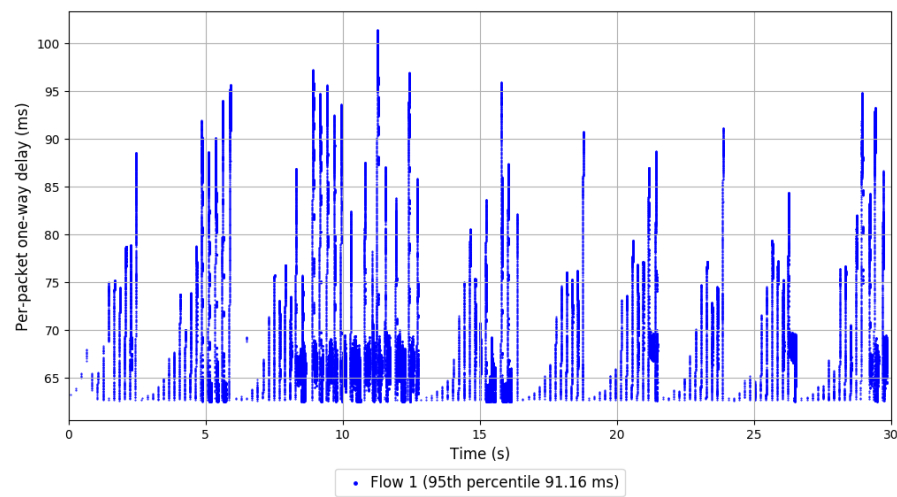
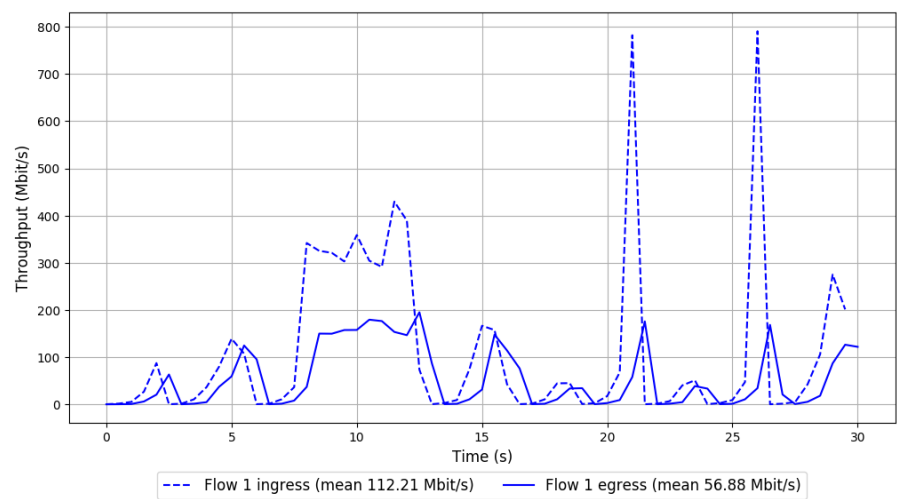


Run 6: Statistics of Verus

Start at: 2018-07-24 09:29:59
End at: 2018-07-24 09:30:29
Local clock offset: 1.533 ms
Remote clock offset: -32.122 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 91.159 ms
Loss rate: 49.31%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 91.159 ms
Loss rate: 49.31%

Run 6: Report of Verus — Data Link

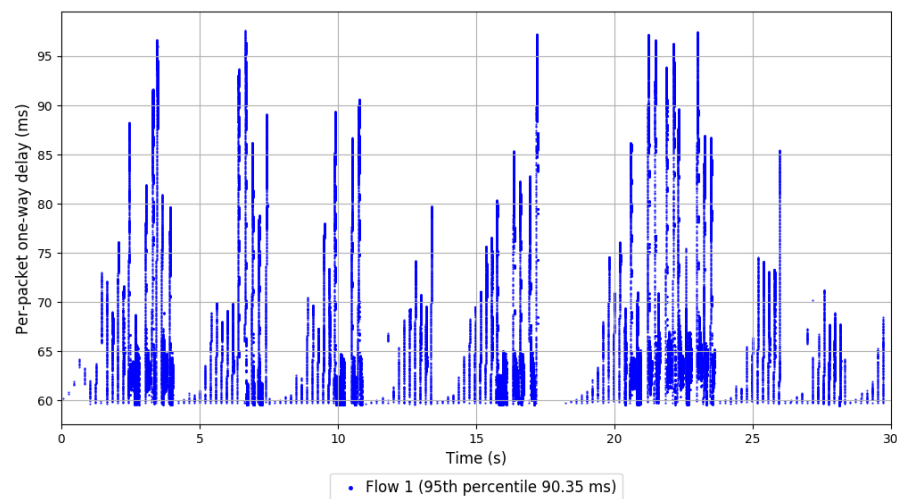
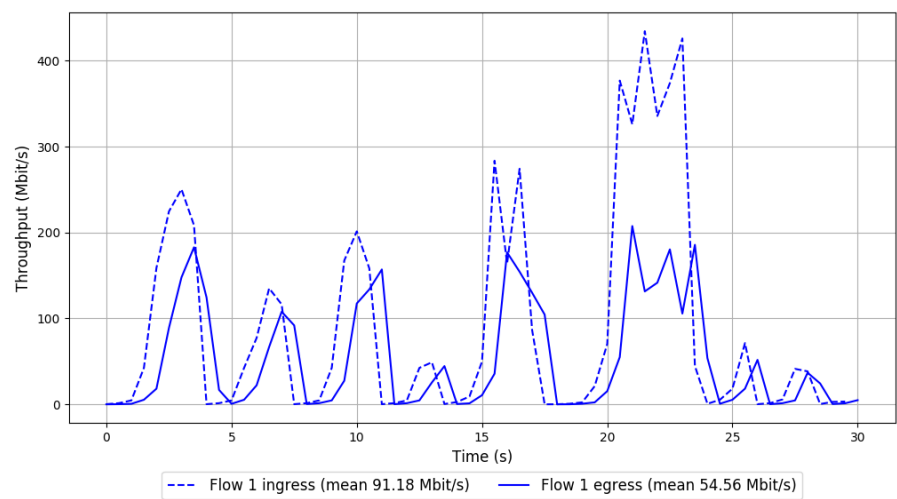


Run 7: Statistics of Verus

Start at: 2018-07-24 09:52:03
End at: 2018-07-24 09:52:33
Local clock offset: 2.059 ms
Remote clock offset: -34.634 ms

Below is generated by plot.py at 2018-07-24 12:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 90.353 ms
Loss rate: 40.14%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 90.353 ms
Loss rate: 40.14%

Run 7: Report of Verus — Data Link

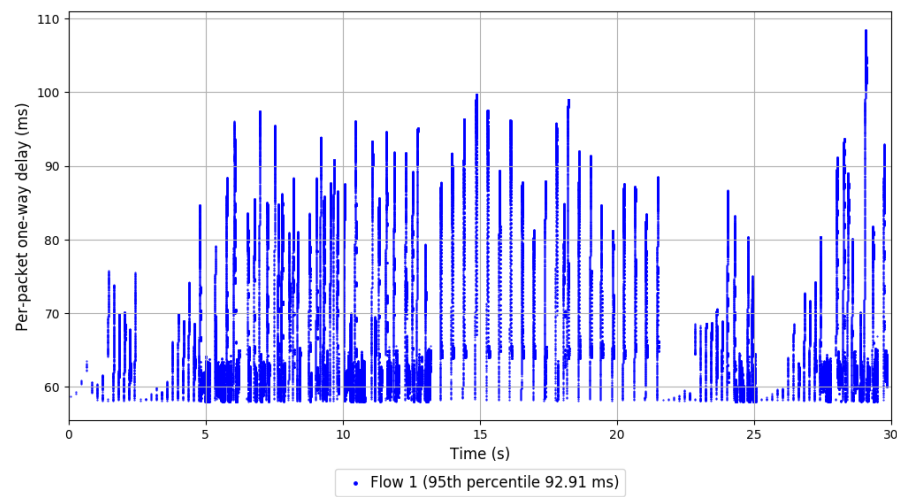
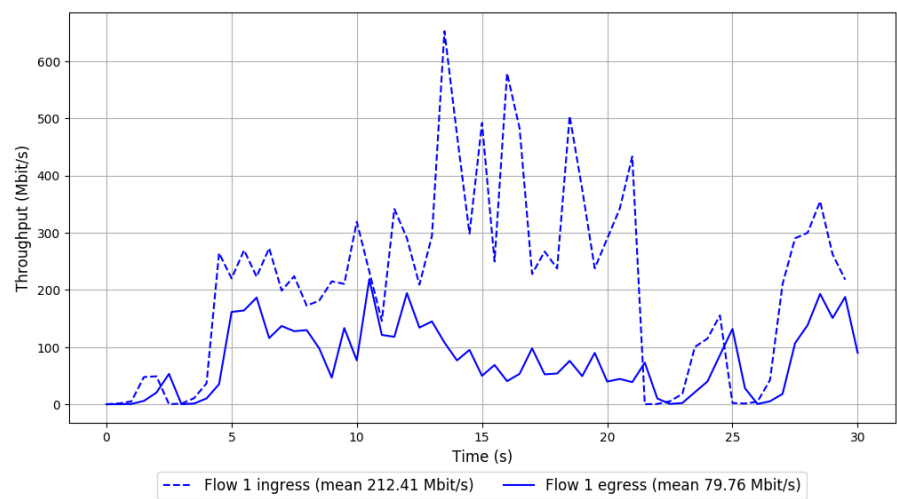


Run 8: Statistics of Verus

Start at: 2018-07-24 10:14:07
End at: 2018-07-24 10:14:37
Local clock offset: 0.416 ms
Remote clock offset: -35.468 ms

Below is generated by plot.py at 2018-07-24 12:19:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 92.913 ms
Loss rate: 62.44%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 92.913 ms
Loss rate: 62.44%

Run 8: Report of Verus — Data Link

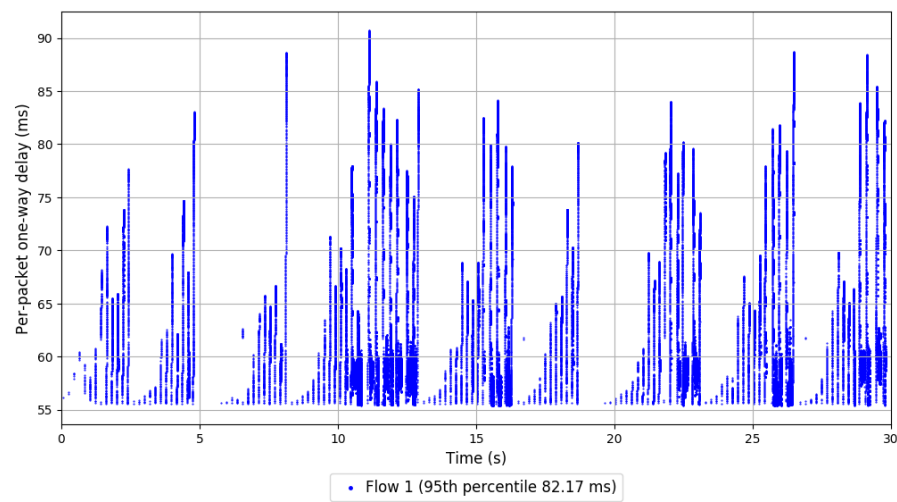
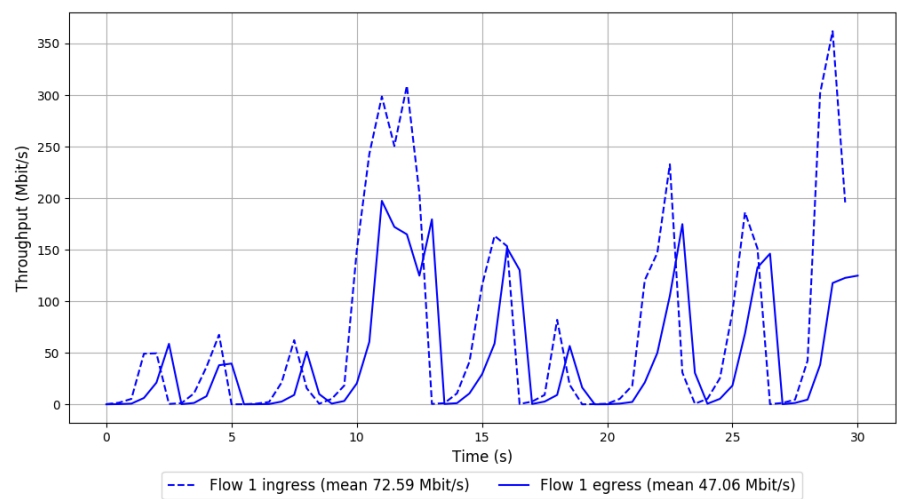


Run 9: Statistics of Verus

Start at: 2018-07-24 10:36:15
End at: 2018-07-24 10:36:45
Local clock offset: 1.374 ms
Remote clock offset: -37.268 ms

Below is generated by plot.py at 2018-07-24 12:19:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 82.167 ms
Loss rate: 35.16%
-- Flow 1:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 82.167 ms
Loss rate: 35.16%

Run 9: Report of Verus — Data Link

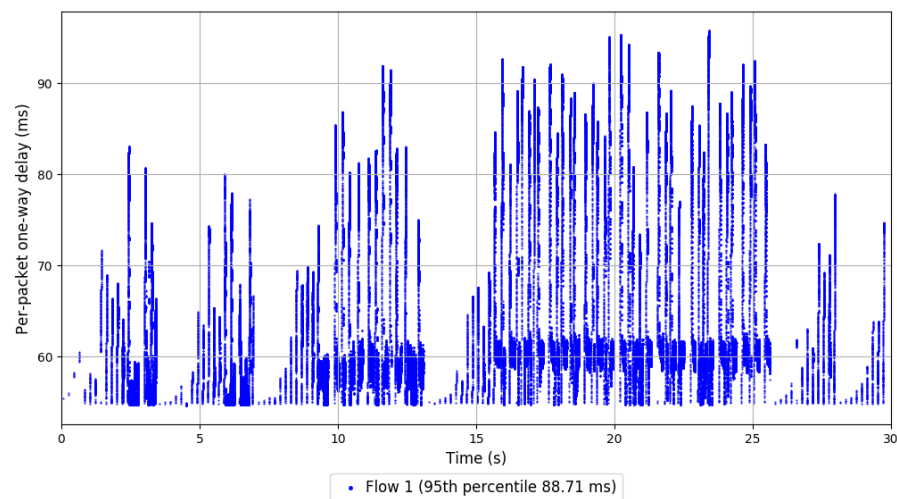
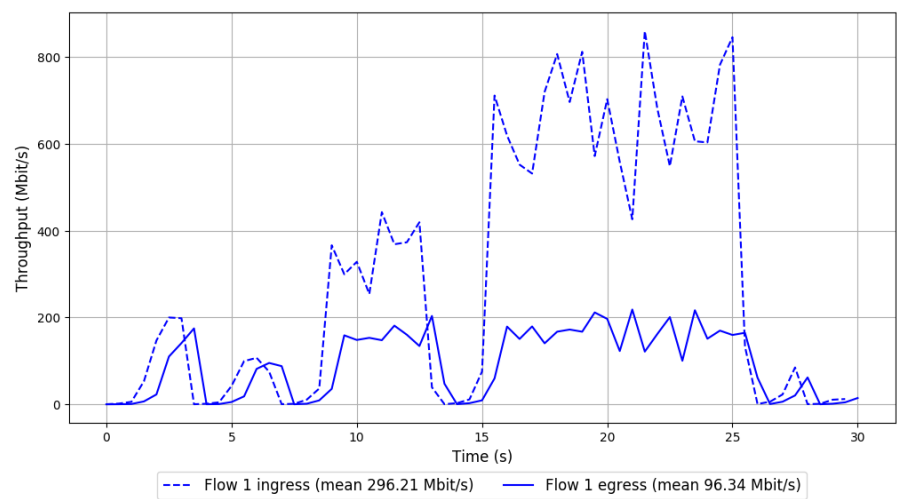


Run 10: Statistics of Verus

Start at: 2018-07-24 11:03:55
End at: 2018-07-24 11:04:25
Local clock offset: 0.047 ms
Remote clock offset: -39.248 ms

Below is generated by plot.py at 2018-07-24 12:20:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 88.710 ms
Loss rate: 67.46%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 88.710 ms
Loss rate: 67.46%

Run 10: Report of Verus — Data Link

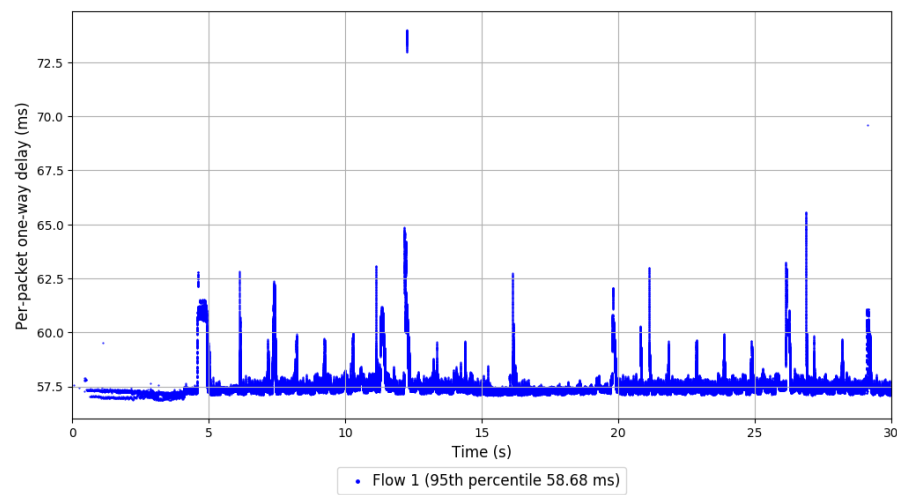
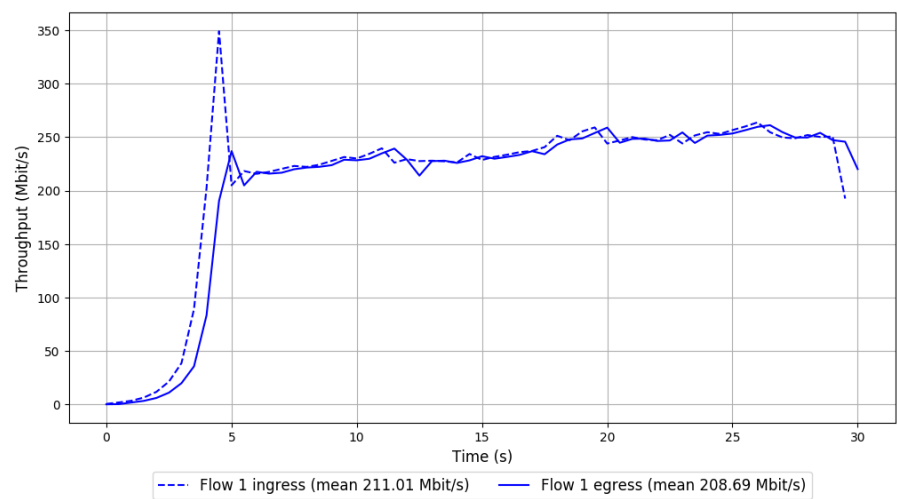


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-24 06:41:57
End at: 2018-07-24 06:42:27
Local clock offset: -1.789 ms
Remote clock offset: -40.095 ms

Below is generated by plot.py at 2018-07-24 12:21:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.69 Mbit/s
95th percentile per-packet one-way delay: 58.679 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 208.69 Mbit/s
95th percentile per-packet one-way delay: 58.679 ms
Loss rate: 1.10%

Run 1: Report of PCC-Vivace — Data Link

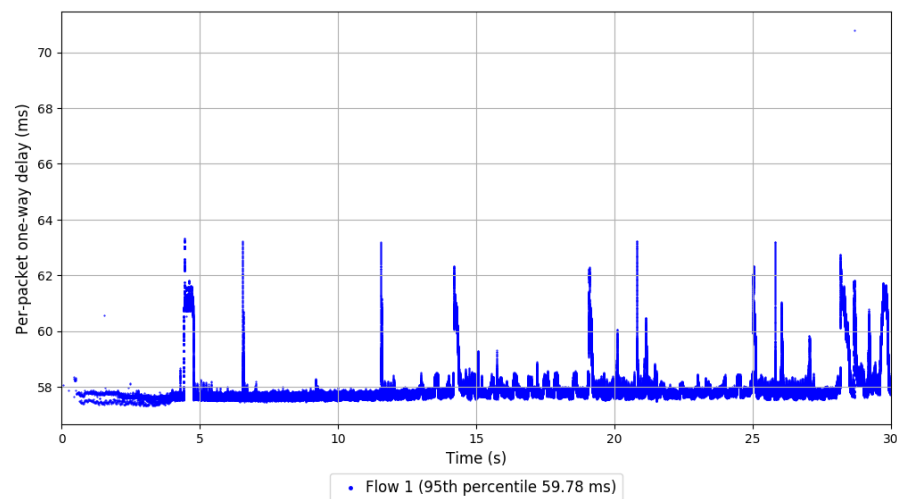
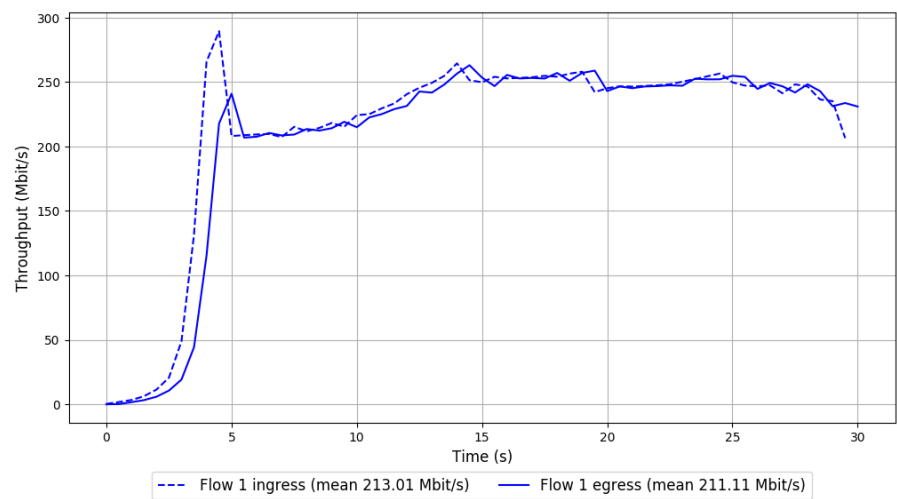


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-24 07:04:09
End at: 2018-07-24 07:04:39
Local clock offset: -0.493 ms
Remote clock offset: -37.889 ms

Below is generated by plot.py at 2018-07-24 12:21:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 211.11 Mbit/s
95th percentile per-packet one-way delay: 59.779 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 211.11 Mbit/s
95th percentile per-packet one-way delay: 59.779 ms
Loss rate: 0.89%

Run 2: Report of PCC-Vivace — Data Link

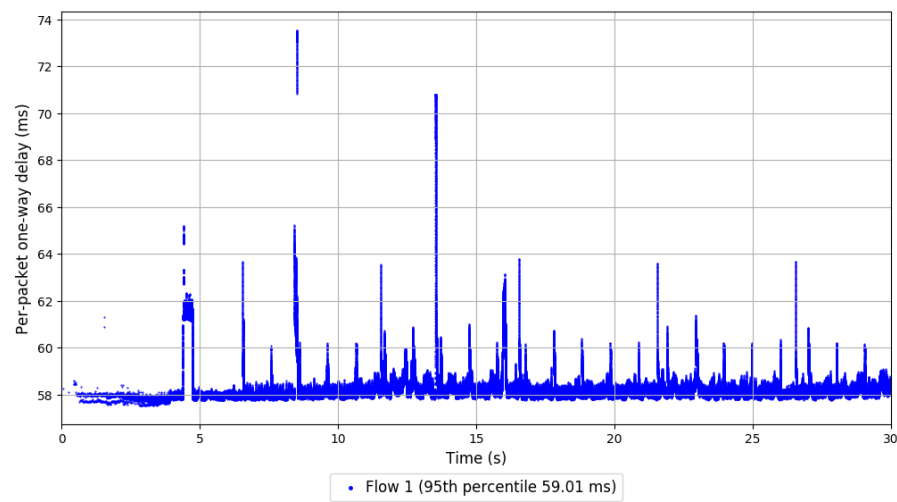
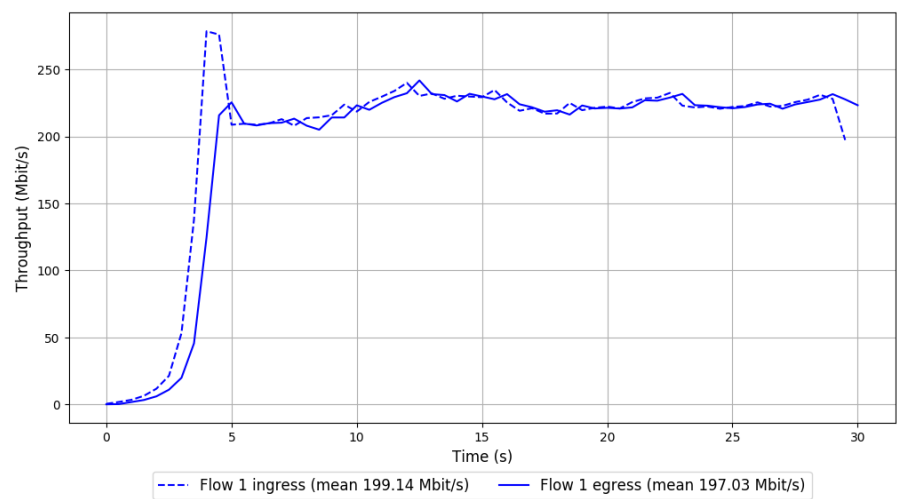


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-24 07:31:59
End at: 2018-07-24 07:32:29
Local clock offset: -0.653 ms
Remote clock offset: -37.308 ms

Below is generated by plot.py at 2018-07-24 12:21:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 197.03 Mbit/s
95th percentile per-packet one-way delay: 59.012 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 197.03 Mbit/s
95th percentile per-packet one-way delay: 59.012 ms
Loss rate: 1.06%

Run 3: Report of PCC-Vivace — Data Link

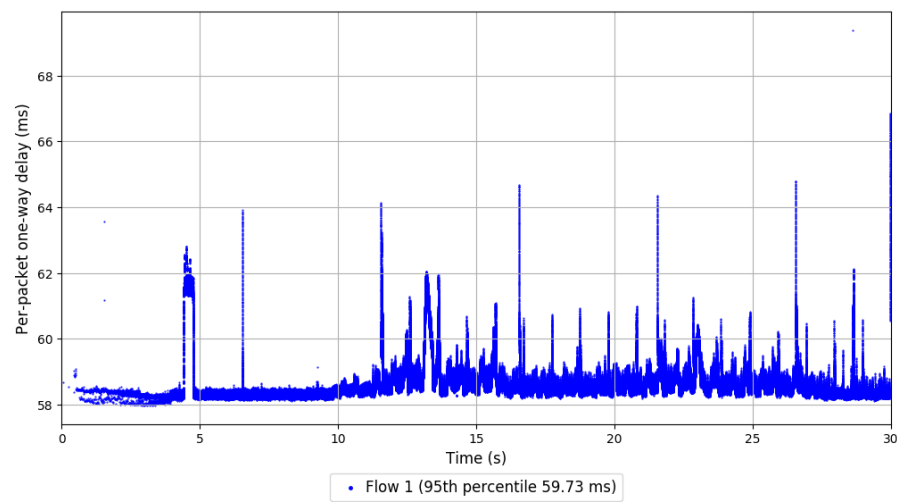
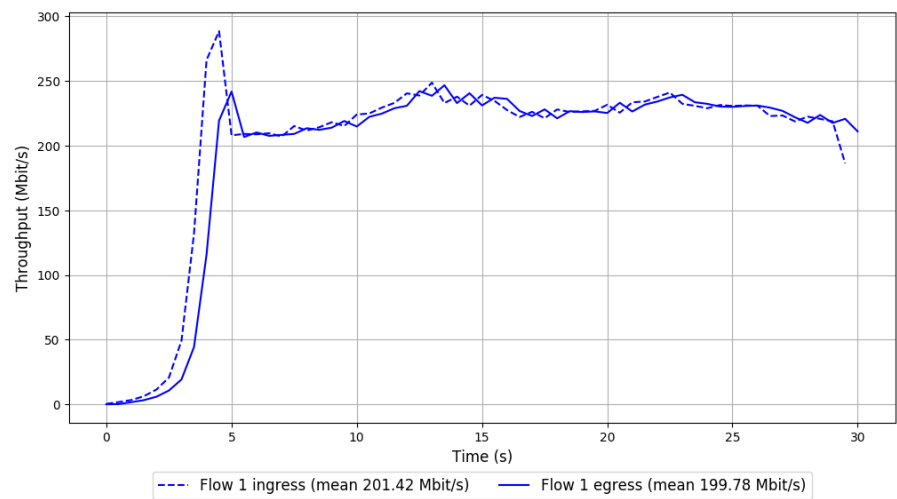


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-24 08:20:32
End at: 2018-07-24 08:21:02
Local clock offset: -1.32 ms
Remote clock offset: -37.027 ms

Below is generated by plot.py at 2018-07-24 12:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.78 Mbit/s
95th percentile per-packet one-way delay: 59.730 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 199.78 Mbit/s
95th percentile per-packet one-way delay: 59.730 ms
Loss rate: 0.81%

Run 4: Report of PCC-Vivace — Data Link

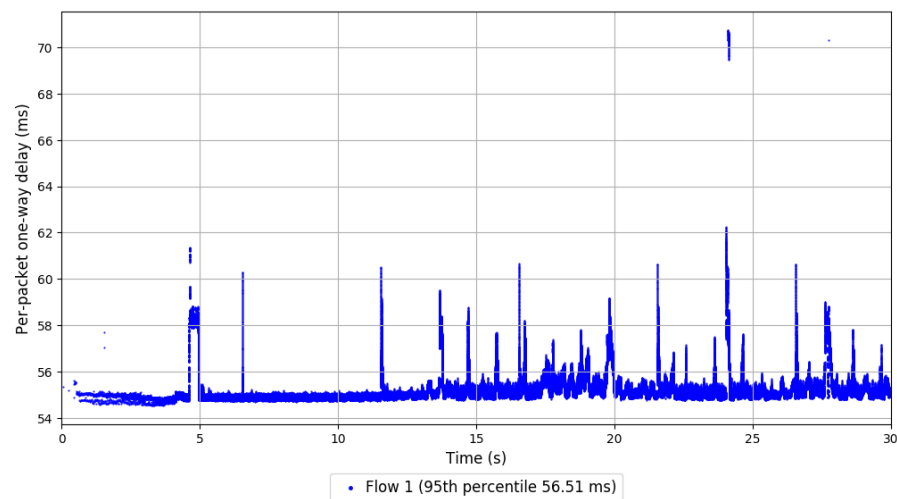
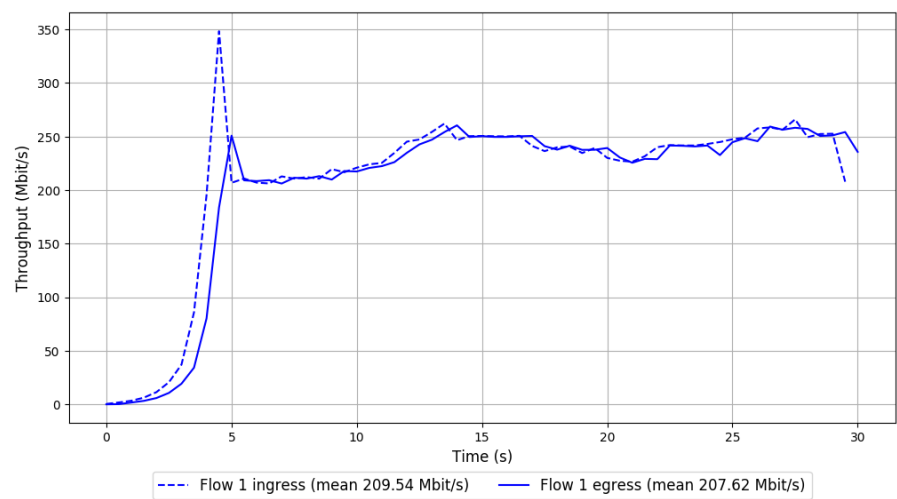


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-24 08:47:40
End at: 2018-07-24 08:48:10
Local clock offset: -1.176 ms
Remote clock offset: -39.907 ms

Below is generated by plot.py at 2018-07-24 12:22:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 56.510 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 56.510 ms
Loss rate: 0.92%

Run 5: Report of PCC-Vivace — Data Link

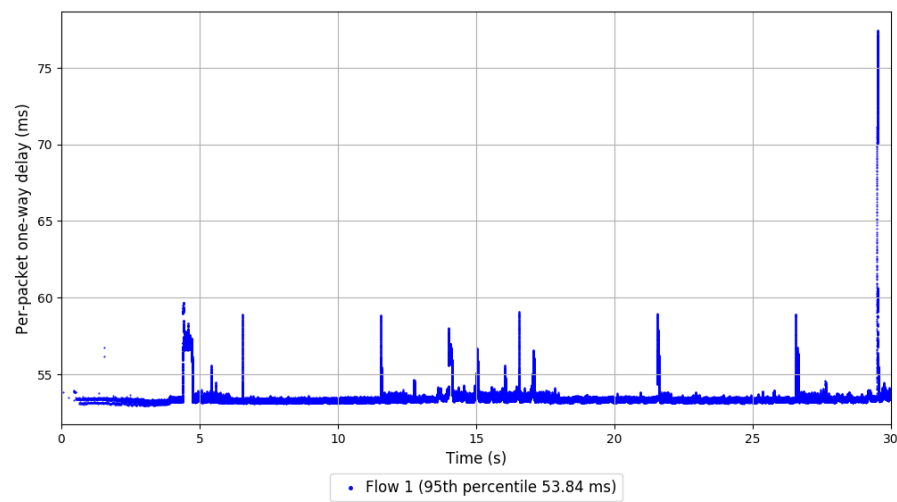
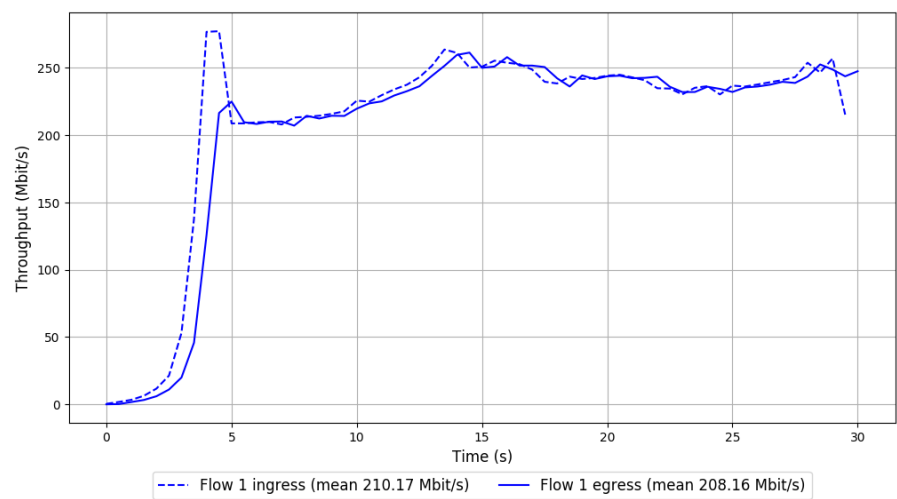


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-24 09:15:18
End at: 2018-07-24 09:15:48
Local clock offset: 2.139 ms
Remote clock offset: -38.052 ms

Below is generated by plot.py at 2018-07-24 12:22:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.16 Mbit/s
95th percentile per-packet one-way delay: 53.839 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 208.16 Mbit/s
95th percentile per-packet one-way delay: 53.839 ms
Loss rate: 0.96%

Run 6: Report of PCC-Vivace — Data Link

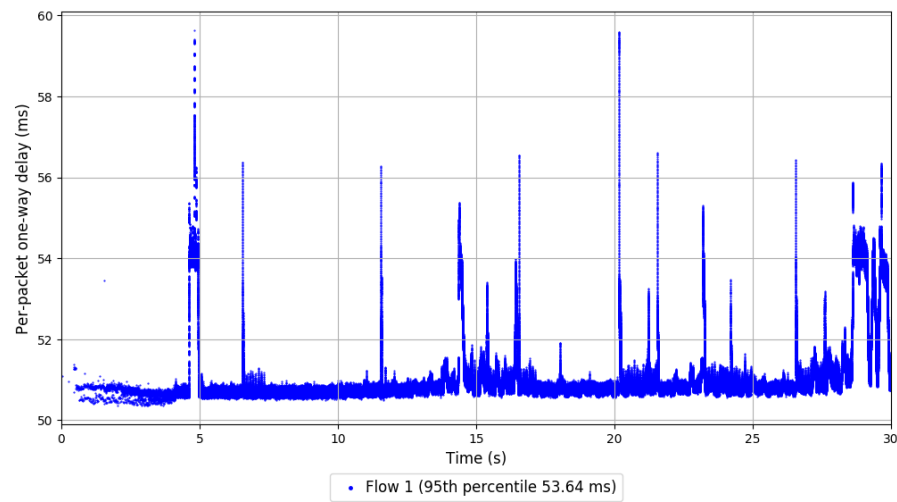
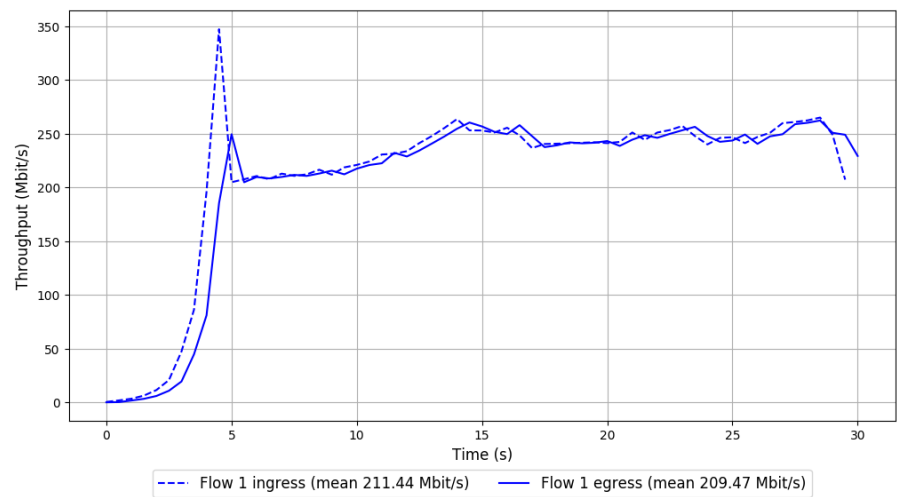


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-24 09:42:48
End at: 2018-07-24 09:43:18
Local clock offset: 0.636 ms
Remote clock offset: -42.091 ms

Below is generated by plot.py at 2018-07-24 12:22:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.47 Mbit/s
95th percentile per-packet one-way delay: 53.642 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 209.47 Mbit/s
95th percentile per-packet one-way delay: 53.642 ms
Loss rate: 0.93%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-07-24 10:04:54

End at: 2018-07-24 10:05:24

Local clock offset: -1.875 ms

Remote clock offset: -35.01 ms

Below is generated by plot.py at 2018-07-24 12:22:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 209.31 Mbit/s

95th percentile per-packet one-way delay: 61.592 ms

Loss rate: 0.92%

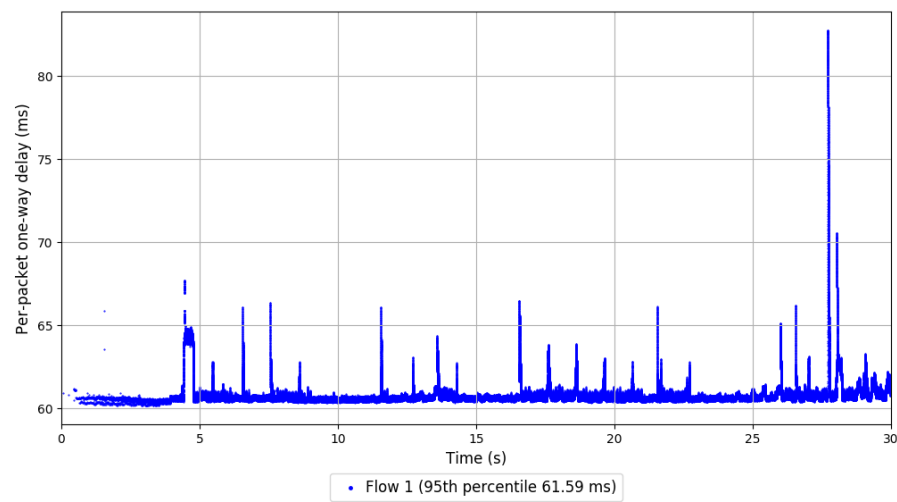
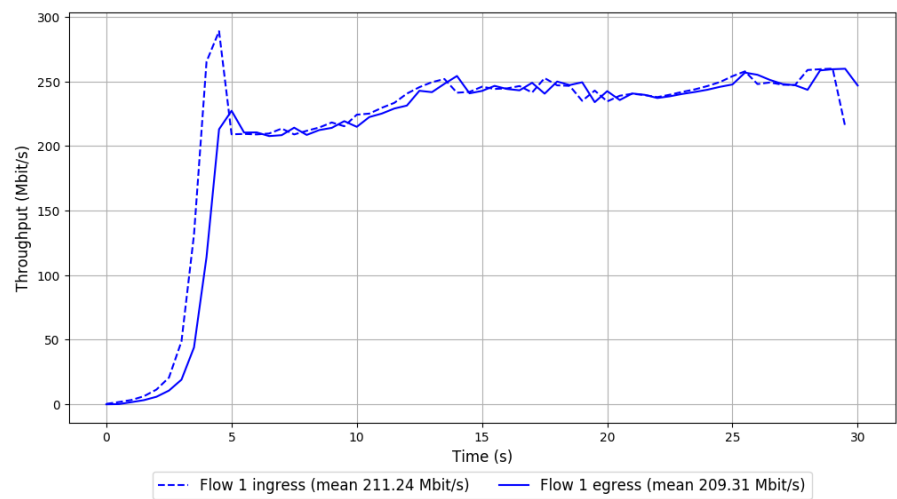
-- Flow 1:

Average throughput: 209.31 Mbit/s

95th percentile per-packet one-way delay: 61.592 ms

Loss rate: 0.92%

Run 8: Report of PCC-Vivace — Data Link

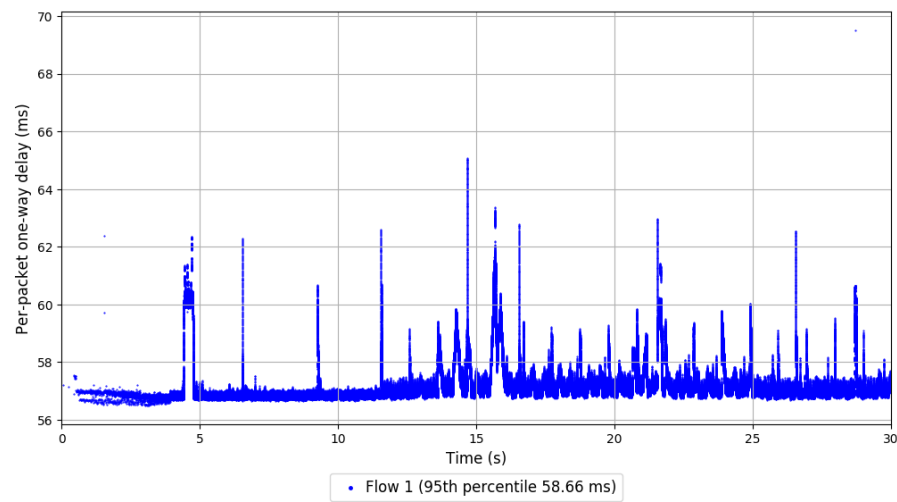
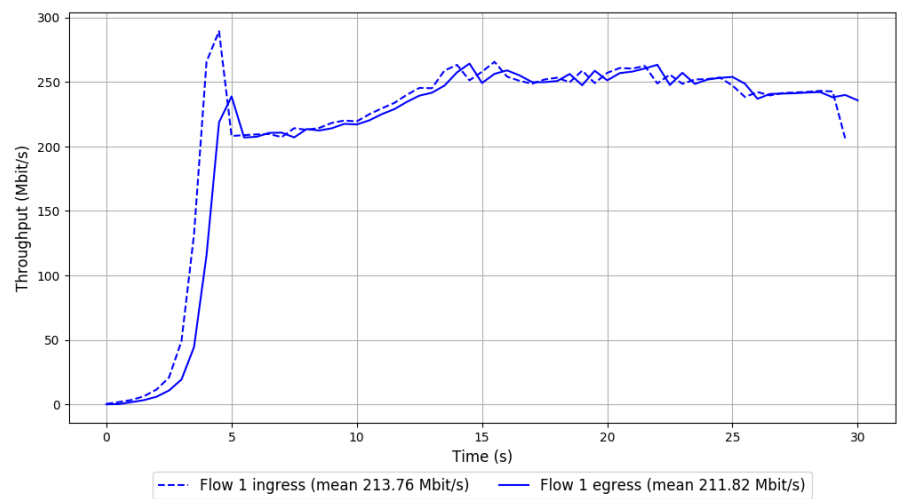


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-24 10:27:03
End at: 2018-07-24 10:27:33
Local clock offset: 1.231 ms
Remote clock offset: -35.524 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 211.82 Mbit/s
95th percentile per-packet one-way delay: 58.661 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 211.82 Mbit/s
95th percentile per-packet one-way delay: 58.661 ms
Loss rate: 0.90%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-24 10:49:05

End at: 2018-07-24 10:49:35

Local clock offset: 0.653 ms

Remote clock offset: -35.404 ms

Below is generated by plot.py at 2018-07-24 12:22:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 207.94 Mbit/s

95th percentile per-packet one-way delay: 58.688 ms

Loss rate: 0.80%

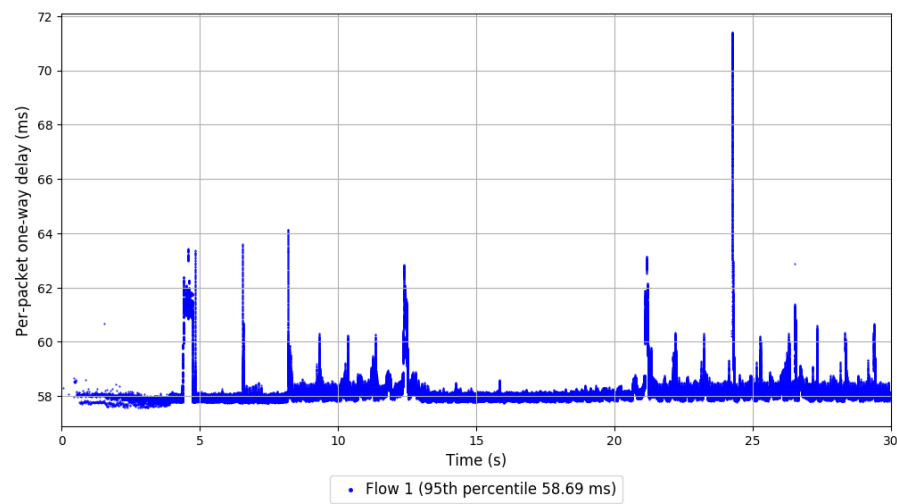
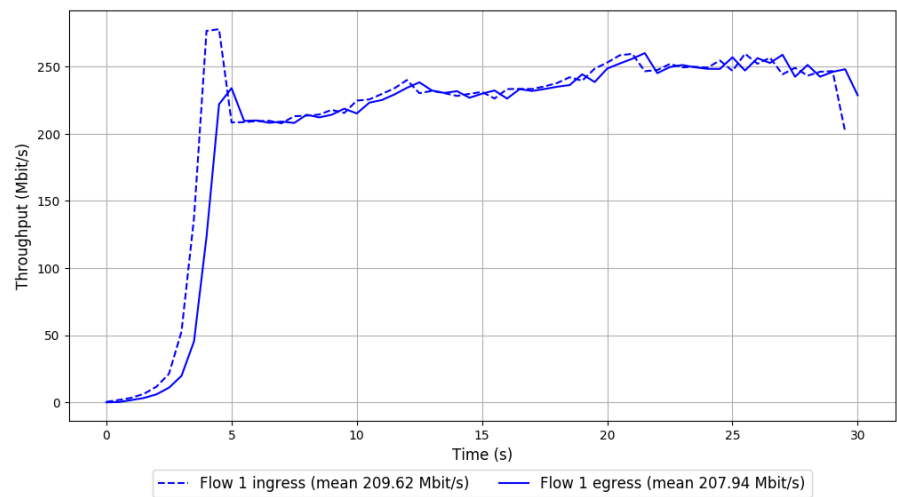
-- Flow 1:

Average throughput: 207.94 Mbit/s

95th percentile per-packet one-way delay: 58.688 ms

Loss rate: 0.80%

Run 10: Report of PCC-Vivace — Data Link

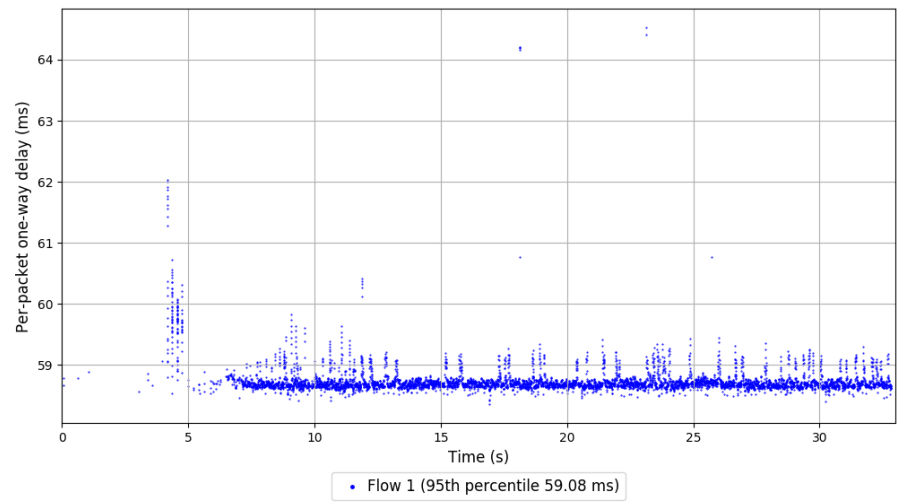
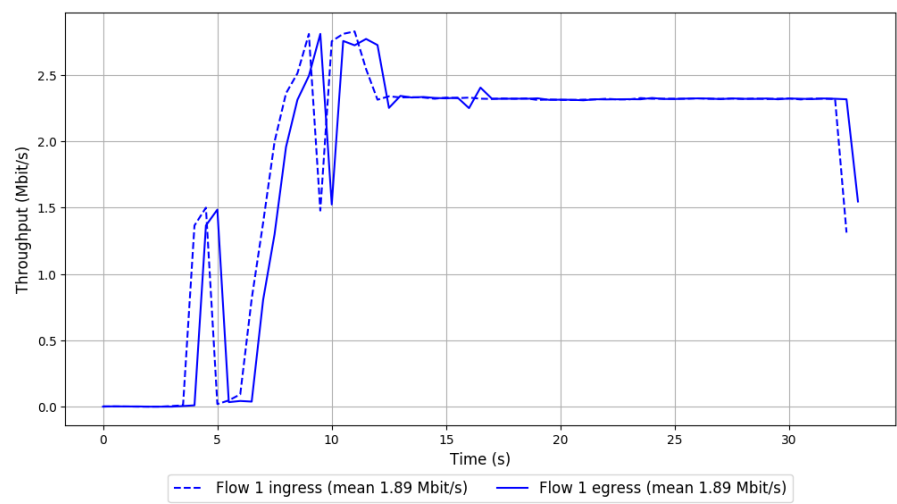


Run 1: Statistics of WebRTC media

Start at: 2018-07-24 06:57:46
End at: 2018-07-24 06:58:16
Local clock offset: 2.168 ms
Remote clock offset: -37.163 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 59.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 59.083 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

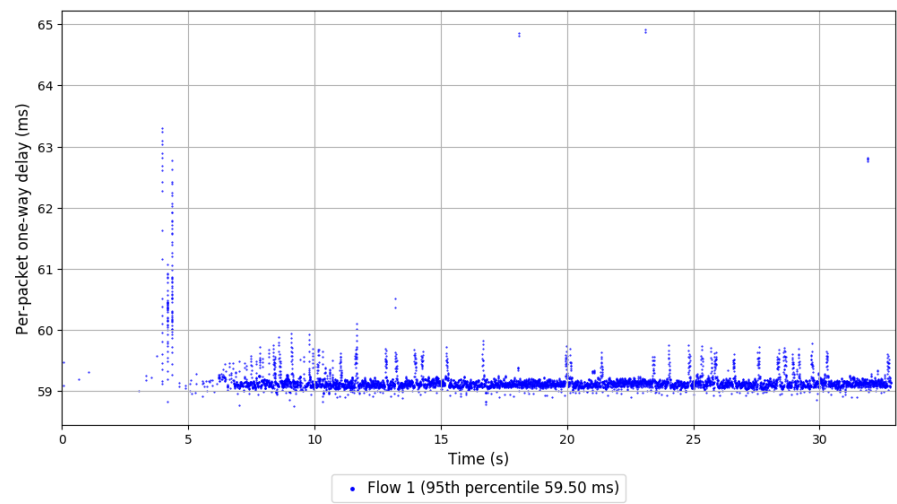
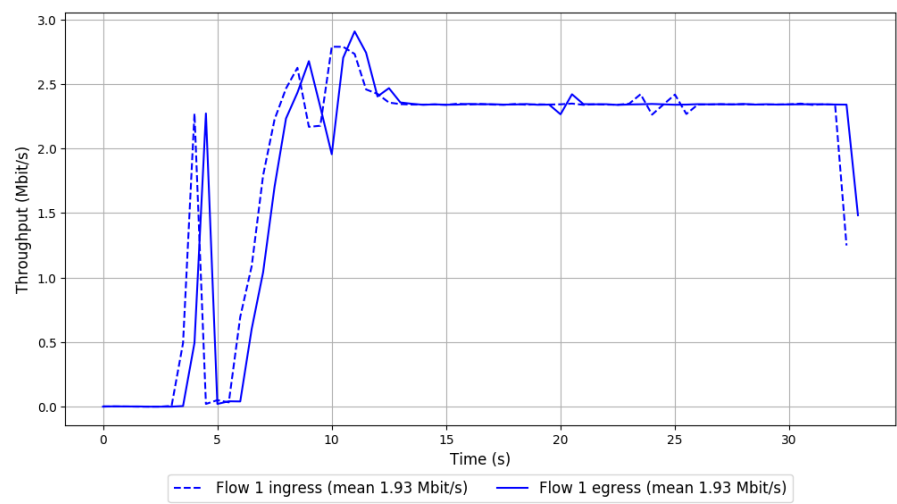


Run 2: Statistics of WebRTC media

Start at: 2018-07-24 07:25:30
End at: 2018-07-24 07:26:00
Local clock offset: 0.083 ms
Remote clock offset: -38.366 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 59.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 59.496 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

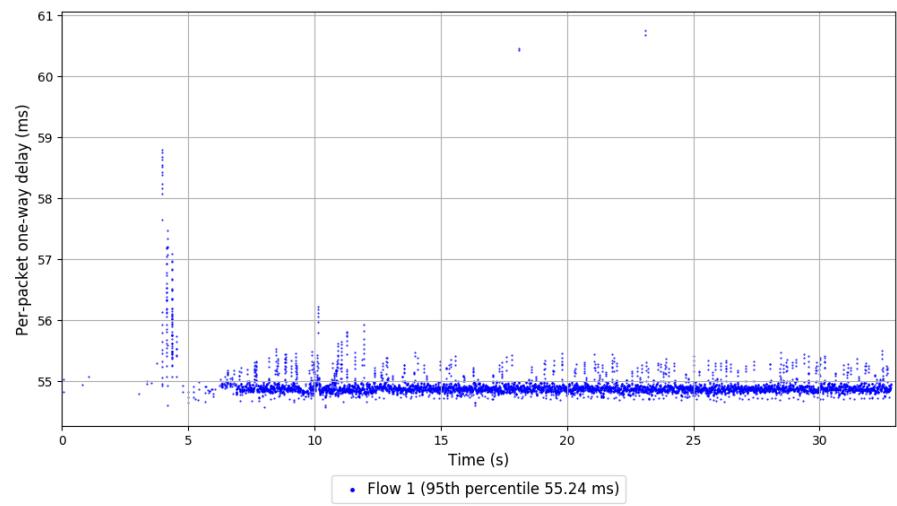
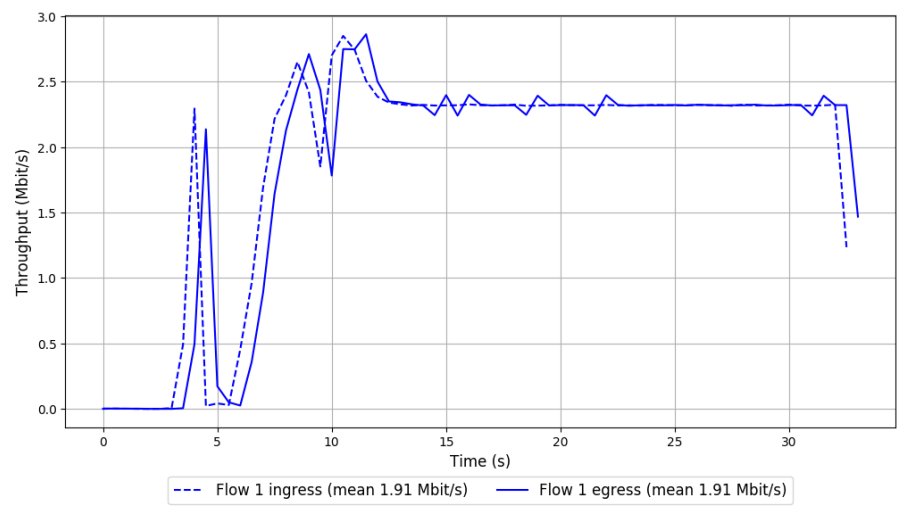


Run 3: Statistics of WebRTC media

Start at: 2018-07-24 08:08:25
End at: 2018-07-24 08:08:55
Local clock offset: 2.169 ms
Remote clock offset: -37.401 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 55.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 55.239 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

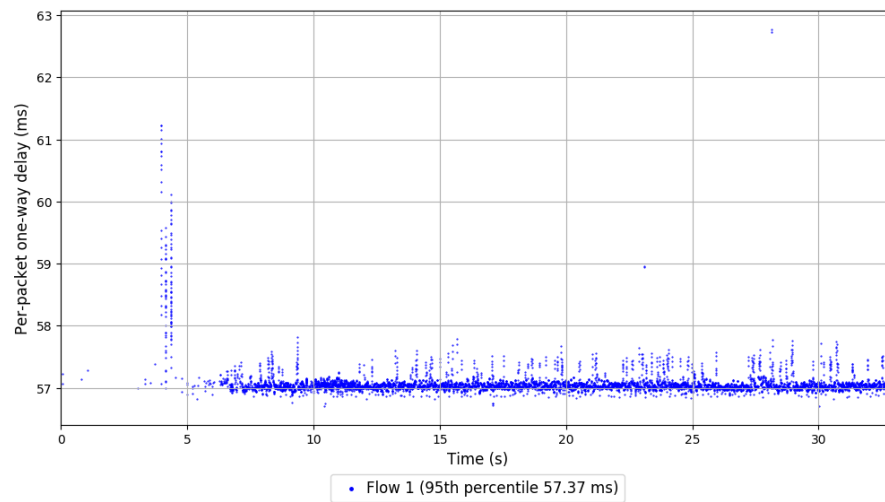
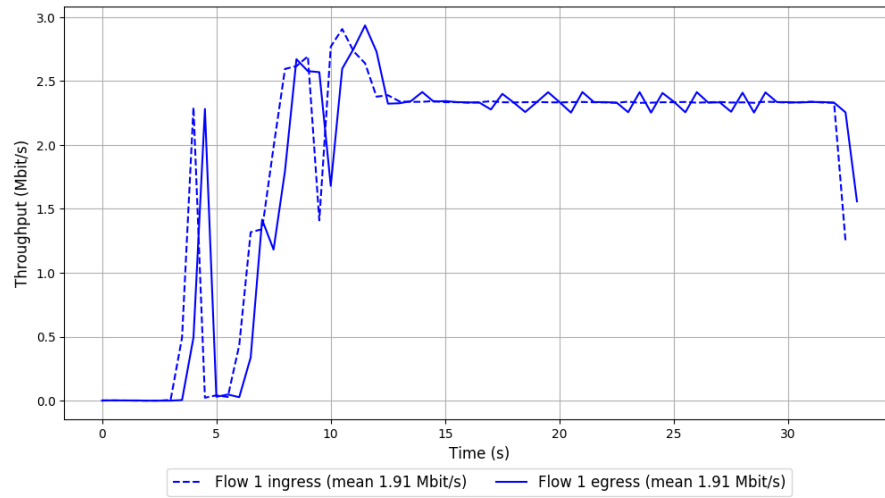


Run 4: Statistics of WebRTC media

Start at: 2018-07-24 08:41:05
End at: 2018-07-24 08:41:35
Local clock offset: 0.297 ms
Remote clock offset: -36.363 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 57.374 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 57.374 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

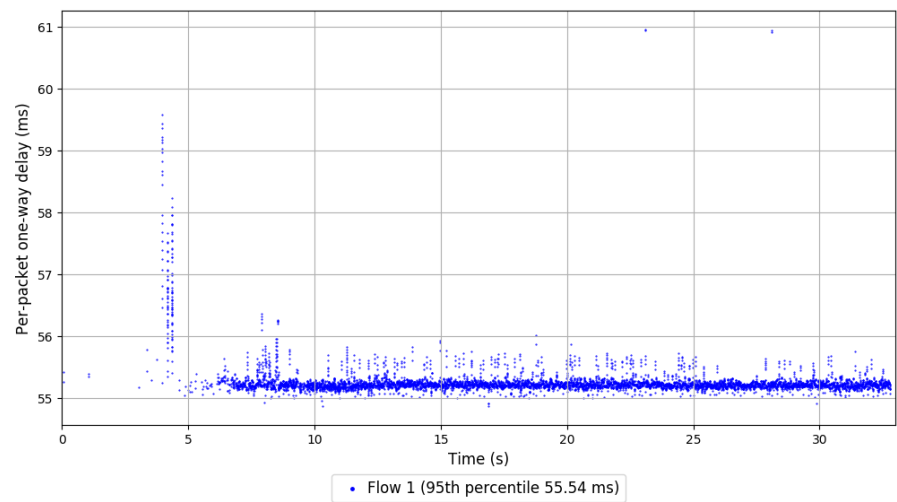
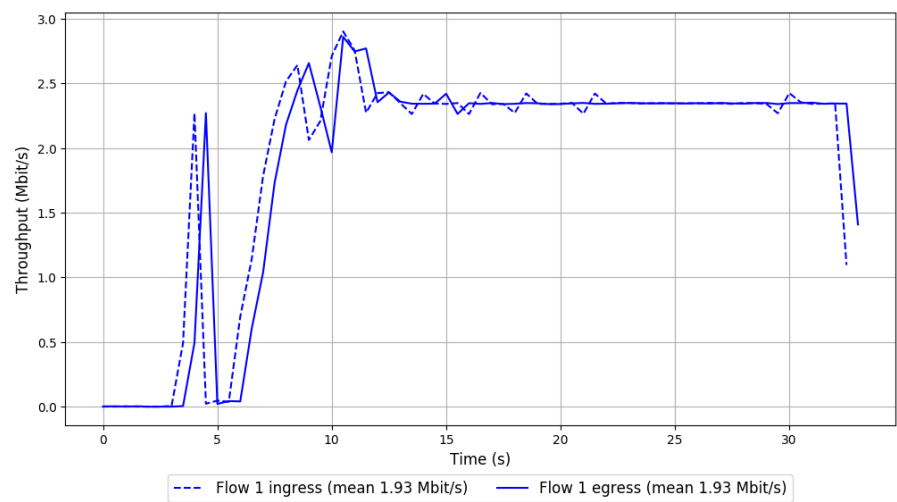


Run 5: Statistics of WebRTC media

Start at: 2018-07-24 09:08:50
End at: 2018-07-24 09:09:20
Local clock offset: -0.047 ms
Remote clock offset: -38.813 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 55.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 55.536 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

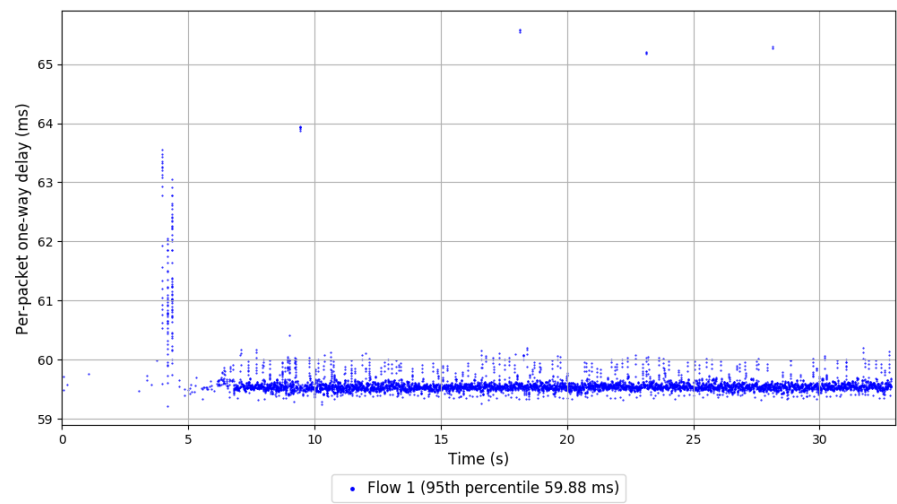
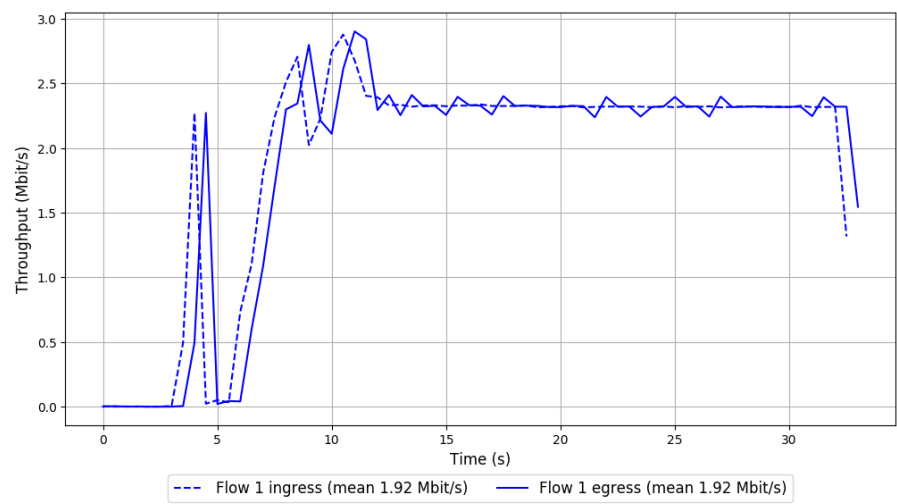


Run 6: Statistics of WebRTC media

Start at: 2018-07-24 09:36:20
End at: 2018-07-24 09:36:50
Local clock offset: -1.36 ms
Remote clock offset: -35.676 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 59.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 59.877 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

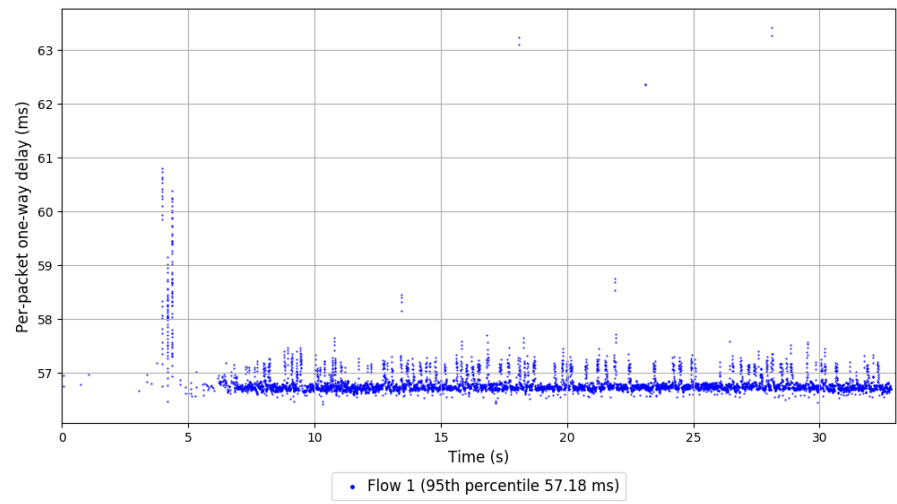
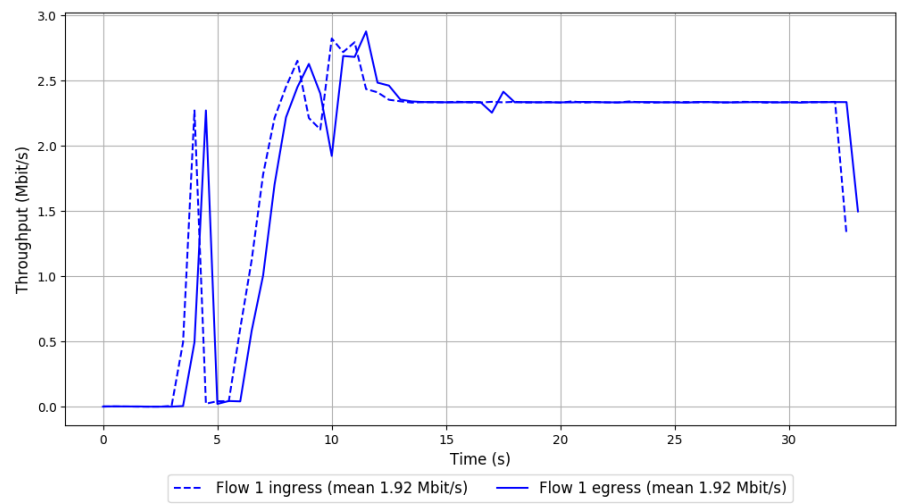


Run 7: Statistics of WebRTC media

Start at: 2018-07-24 09:58:26
End at: 2018-07-24 09:58:56
Local clock offset: -0.307 ms
Remote clock offset: -40.183 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 57.178 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 57.178 ms
Loss rate: 0.05%

Run 7: Report of WebRTC media — Data Link

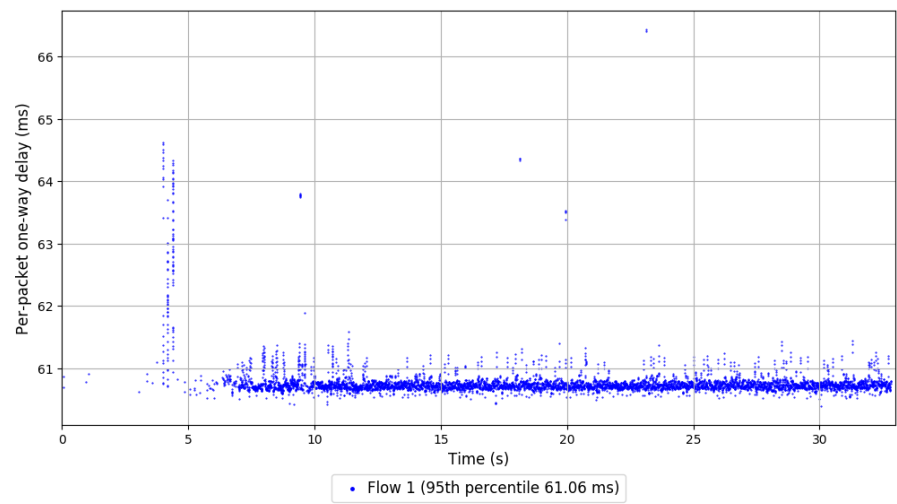
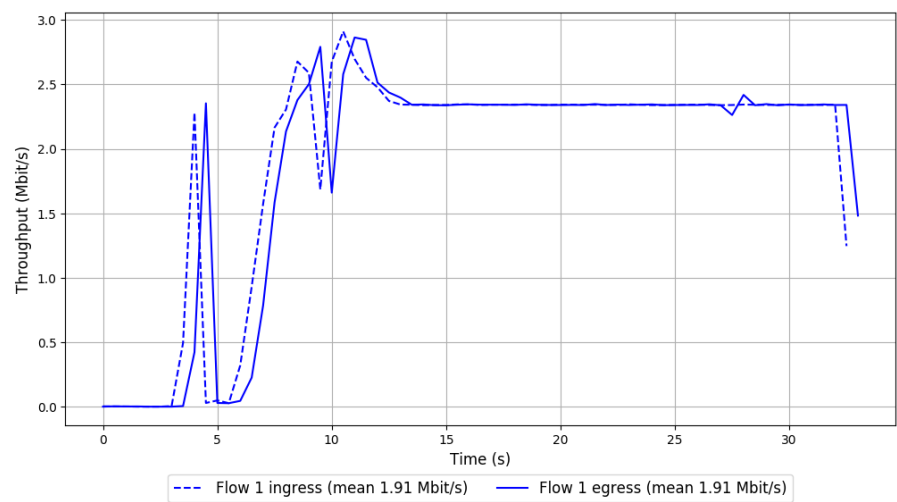


Run 8: Statistics of WebRTC media

Start at: 2018-07-24 10:20:34
End at: 2018-07-24 10:21:04
Local clock offset: -0.872 ms
Remote clock offset: -36.575 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 61.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 61.058 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

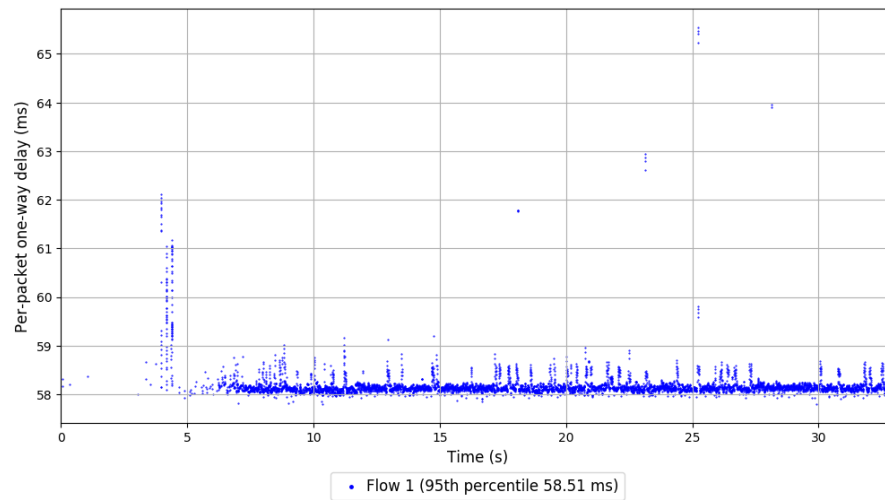
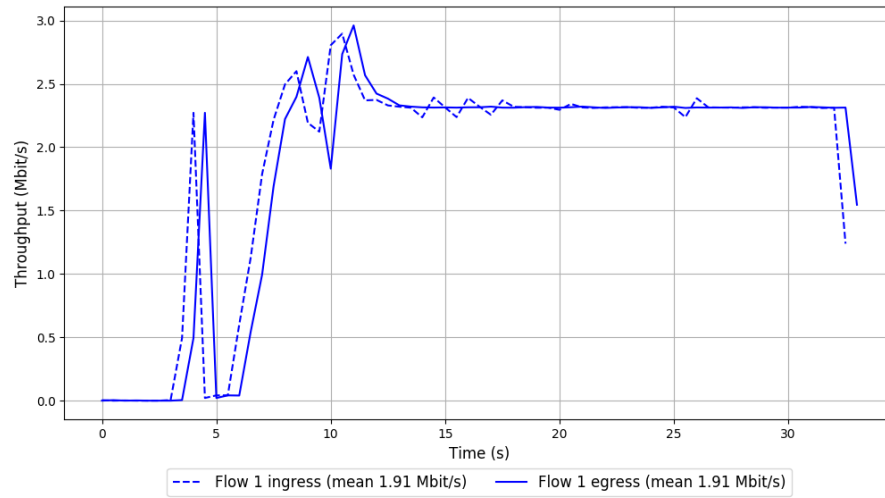


Run 9: Statistics of WebRTC media

Start at: 2018-07-24 10:42:37
End at: 2018-07-24 10:43:07
Local clock offset: 0.705 ms
Remote clock offset: -37.897 ms

Below is generated by plot.py at 2018-07-24 12:22:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 58.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 58.505 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-24 11:21:36

End at: 2018-07-24 11:22:06

Local clock offset: 2.065 ms

Remote clock offset: -34.234 ms

Below is generated by plot.py at 2018-07-24 12:22:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 58.712 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 58.712 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

