

Pantheon Report

Generated at 2018-07-04 15:56:17 (UTC).

Data path: GCE Sydney Ethernet (*local*) → GCE London Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

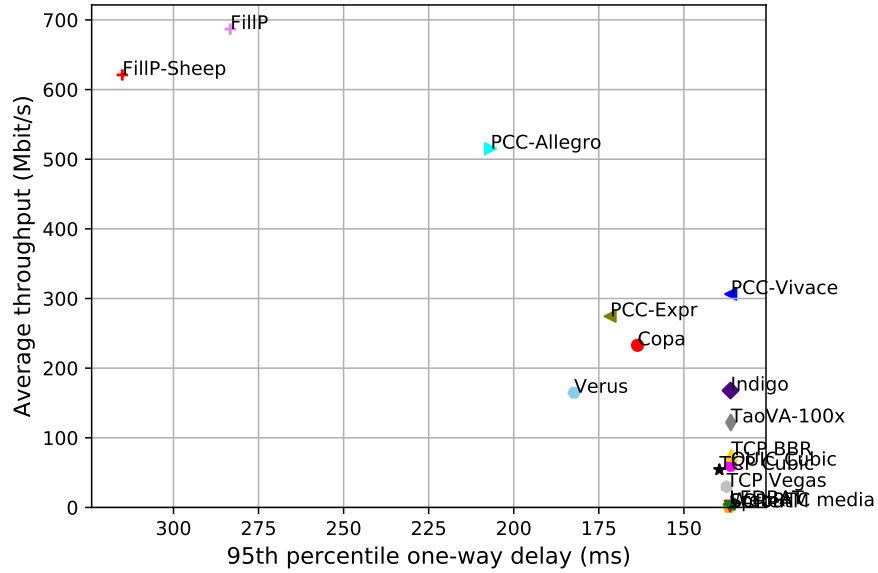
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

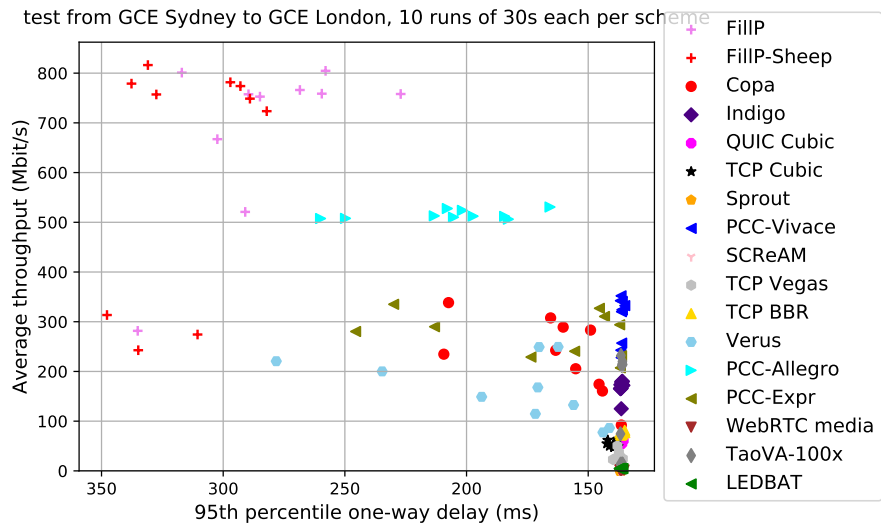
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE Sydney to GCE London, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from GCE Sydney to GCE London, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	74.90	136.08	0.00
Copa	10	232.81	163.61	0.07
TCP Cubic	10	54.06	139.56	0.00
FillP	10	686.86	283.29	2.58
FillP-Sheep	10	621.06	315.04	2.98
Indigo	10	167.87	136.30	0.00
LEDBAT	10	4.62	136.67	0.00
PCC-Allegro	10	515.16	206.80	1.23
PCC-Expr	10	274.49	171.68	0.12
QUIC Cubic	8	60.11	136.24	0.00
SCReAM	10	0.22	136.43	0.00
Sprout	10	0.17	136.72	0.00
TaoVA-100x	10	122.09	136.21	0.10
TCP Vegas	10	29.70	137.46	0.00
Verus	10	164.69	182.28	0.09
PCC-Vivace	10	306.33	136.22	0.00
WebRTC media	10	1.82	136.40	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-04 10:36:03

End at: 2018-07-04 10:36:33

Local clock offset: -0.228 ms

Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 14:25:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 135.959 ms

Loss rate: 0.00%

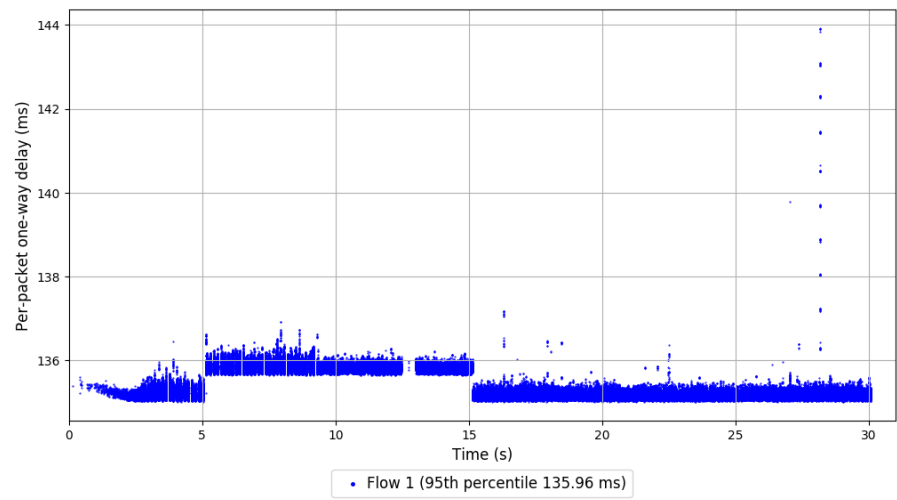
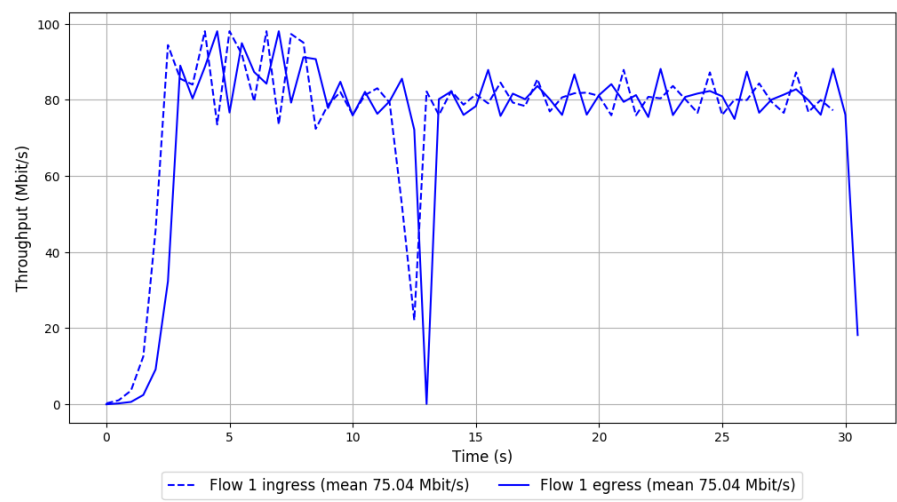
-- Flow 1:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 135.959 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-07-04 10:58:58

End at: 2018-07-04 10:59:28

Local clock offset: -0.019 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-07-04 14:25:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 136.588 ms

Loss rate: 0.00%

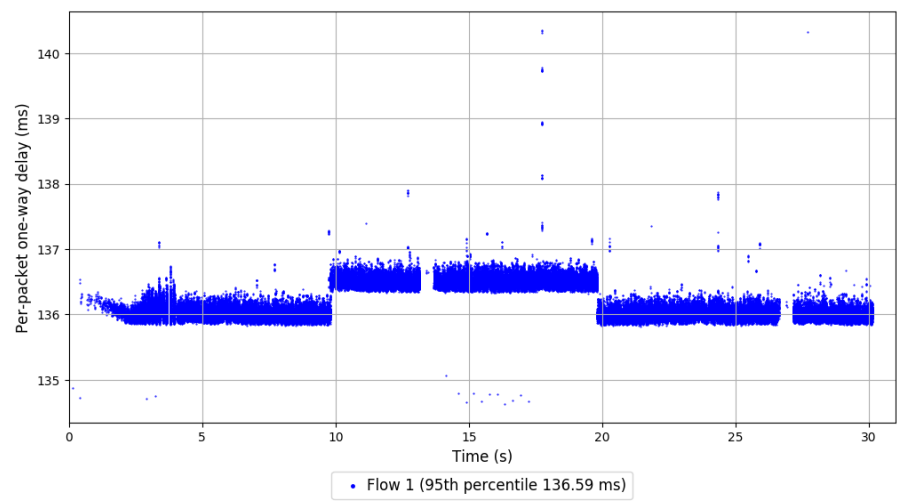
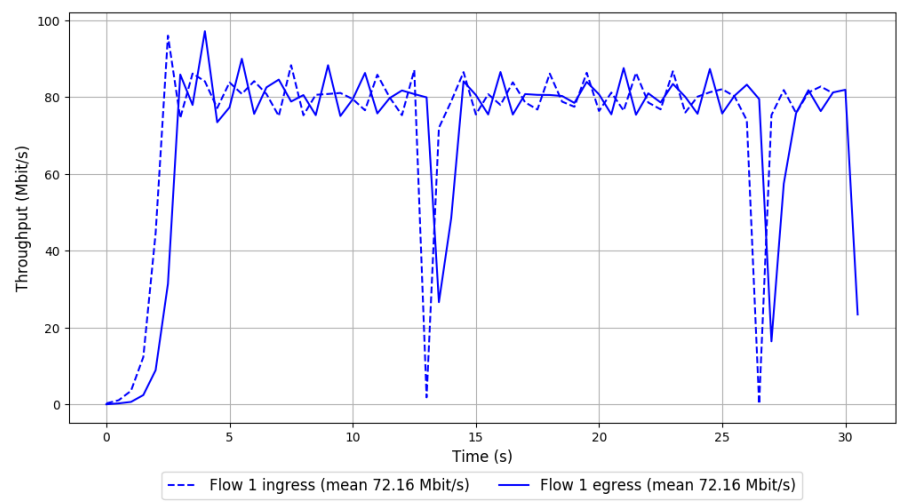
-- Flow 1:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 136.588 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-07-04 11:22:17

End at: 2018-07-04 11:22:47

Local clock offset: 0.096 ms

Remote clock offset: -0.222 ms

Below is generated by plot.py at 2018-07-04 14:25:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.88 Mbit/s

95th percentile per-packet one-way delay: 136.556 ms

Loss rate: 0.00%

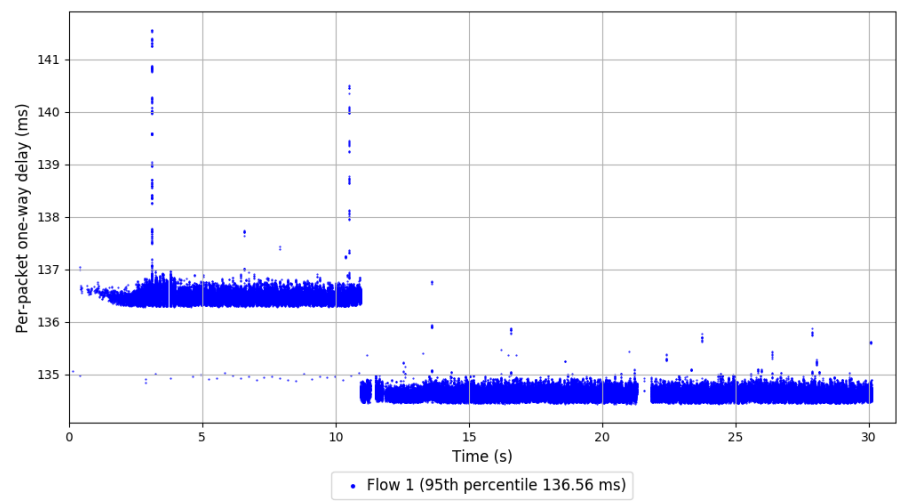
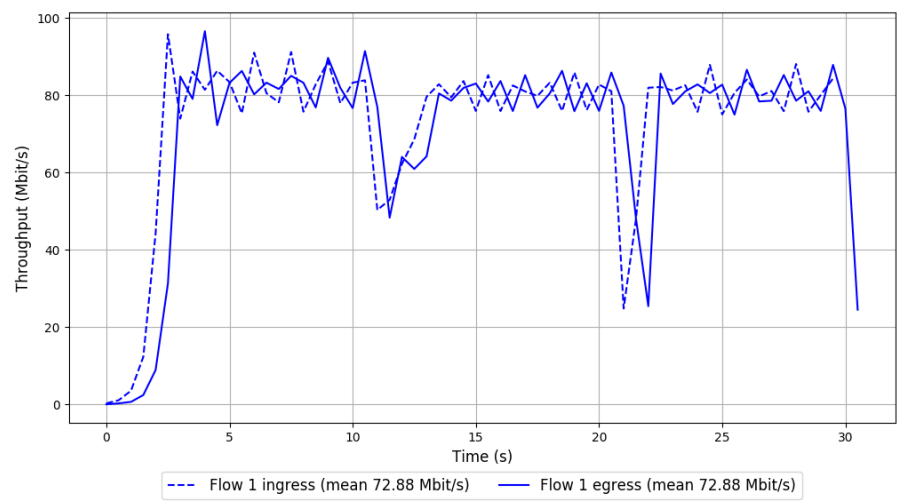
-- Flow 1:

Average throughput: 72.88 Mbit/s

95th percentile per-packet one-way delay: 136.556 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

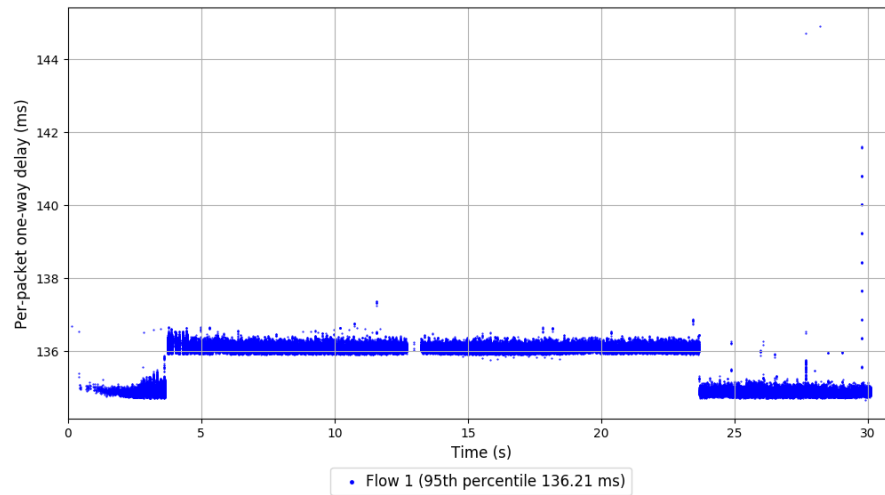
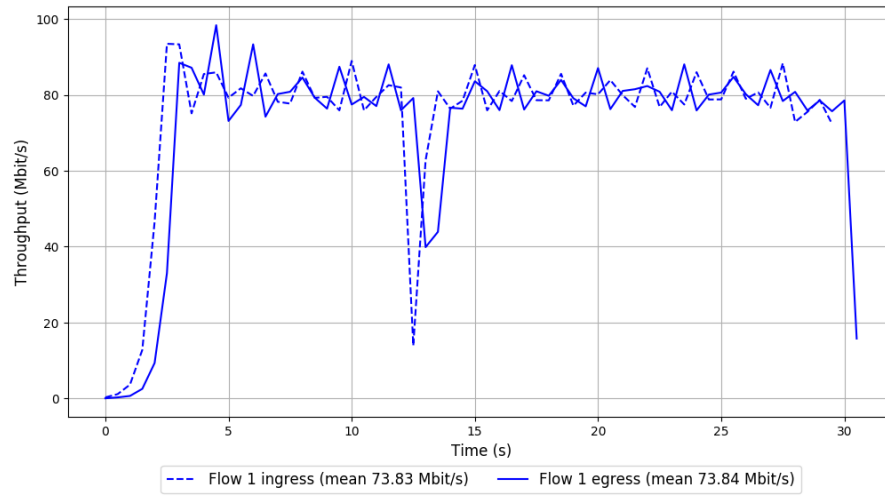


Run 4: Statistics of TCP BBR

Start at: 2018-07-04 11:44:45
End at: 2018-07-04 11:45:15
Local clock offset: -0.042 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-04 14:25:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.84 Mbit/s
95th percentile per-packet one-way delay: 136.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.84 Mbit/s
95th percentile per-packet one-way delay: 136.210 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

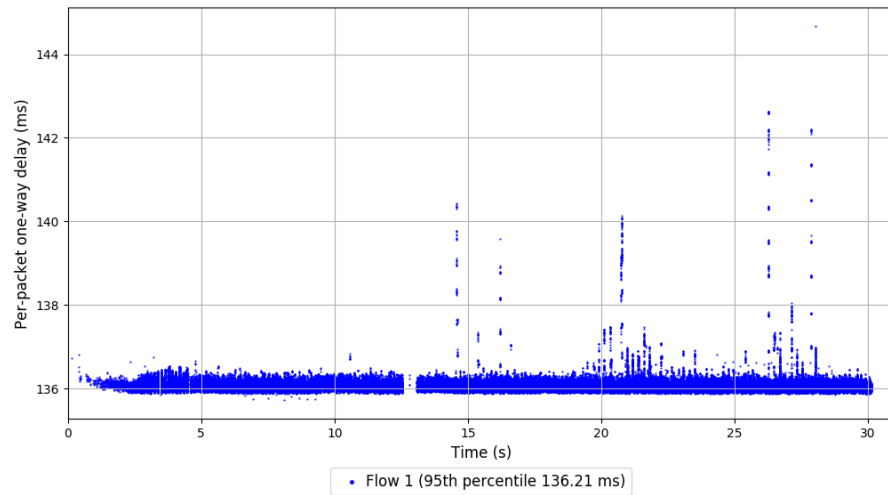
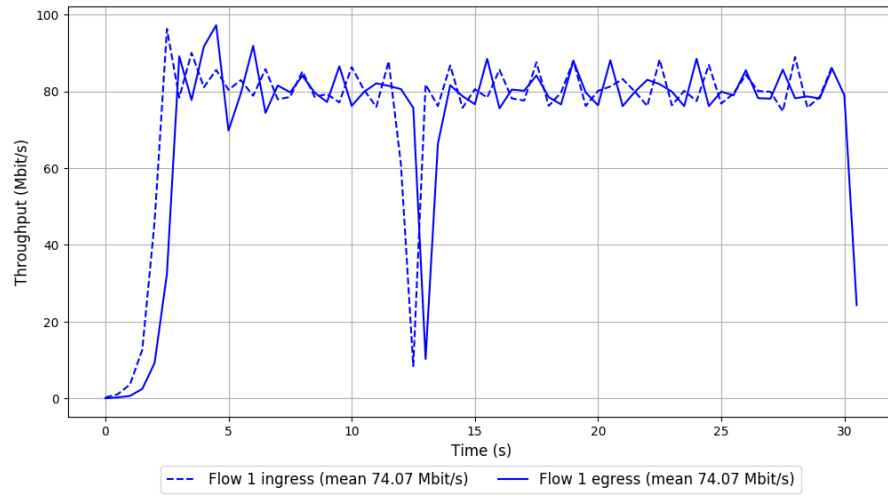


Run 5: Statistics of TCP BBR

Start at: 2018-07-04 12:07:45
End at: 2018-07-04 12:08:15
Local clock offset: -0.033 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 14:25:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.07 Mbit/s
95th percentile per-packet one-way delay: 136.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.07 Mbit/s
95th percentile per-packet one-way delay: 136.214 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

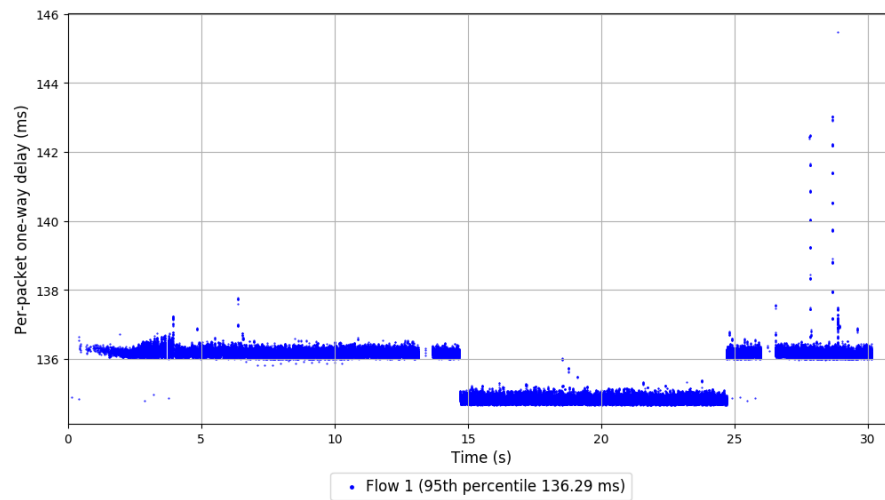
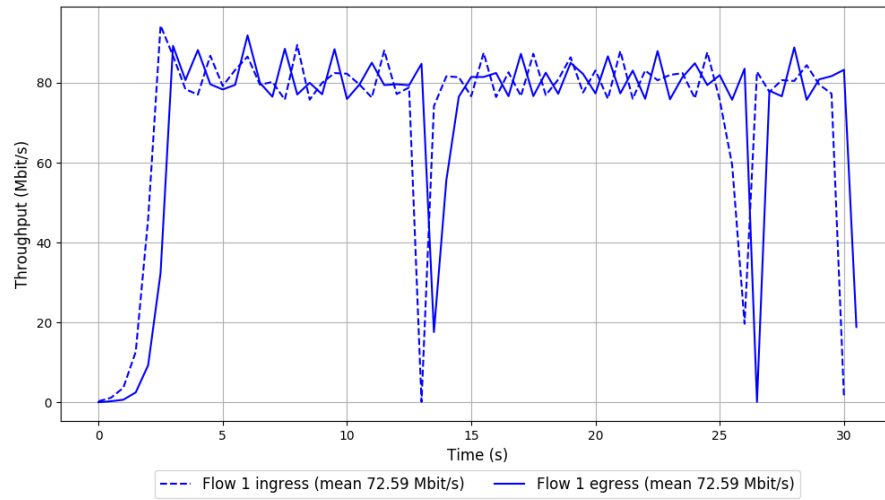


Run 6: Statistics of TCP BBR

Start at: 2018-07-04 12:30:44
End at: 2018-07-04 12:31:14
Local clock offset: -0.188 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-07-04 14:25:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.59 Mbit/s
95th percentile per-packet one-way delay: 136.286 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.59 Mbit/s
95th percentile per-packet one-way delay: 136.286 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

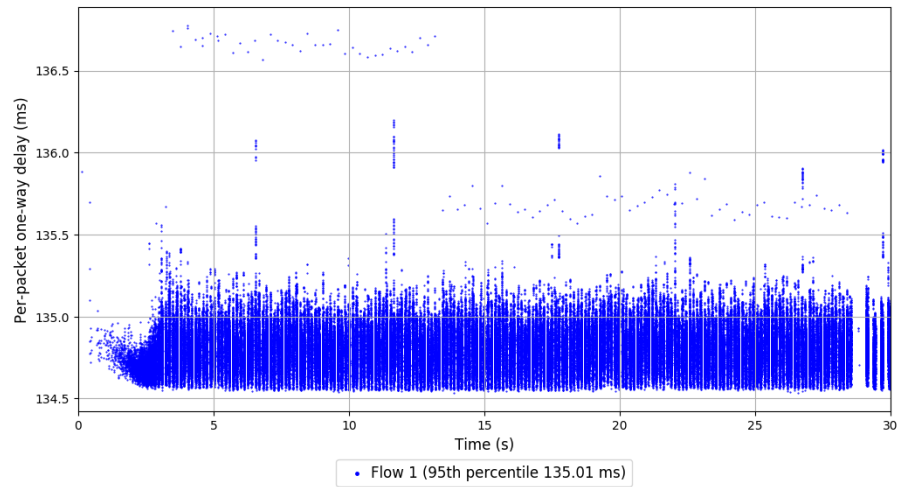
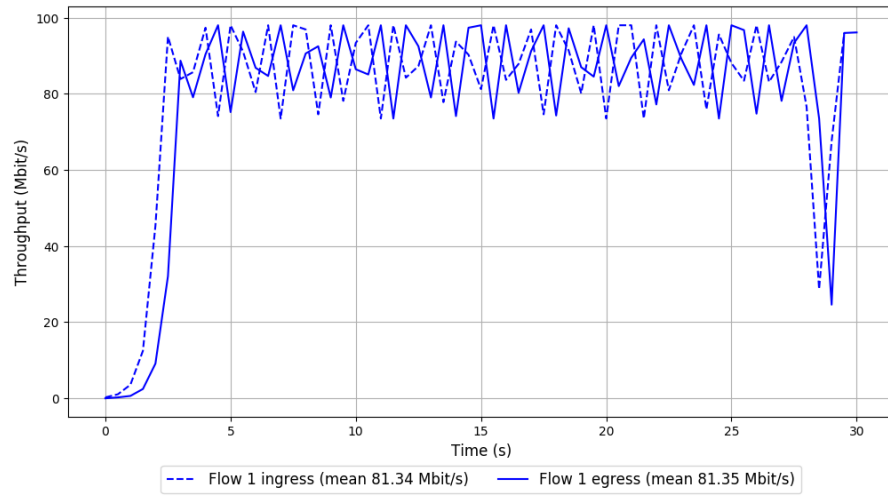


Run 7: Statistics of TCP BBR

Start at: 2018-07-04 12:53:35
End at: 2018-07-04 12:54:05
Local clock offset: 0.017 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-07-04 14:25:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 135.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 135.012 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-04 13:16:28

End at: 2018-07-04 13:16:58

Local clock offset: 0.021 ms

Remote clock offset: -0.191 ms

Below is generated by plot.py at 2018-07-04 14:25:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 134.967 ms

Loss rate: 0.00%

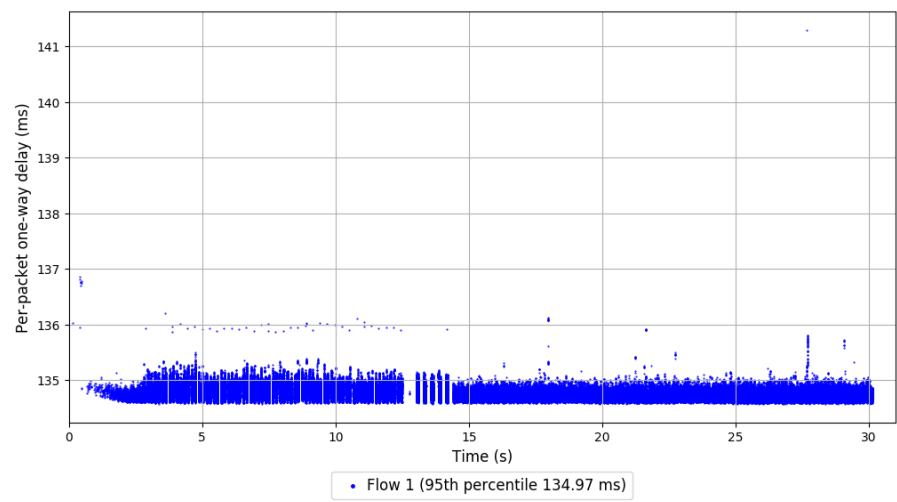
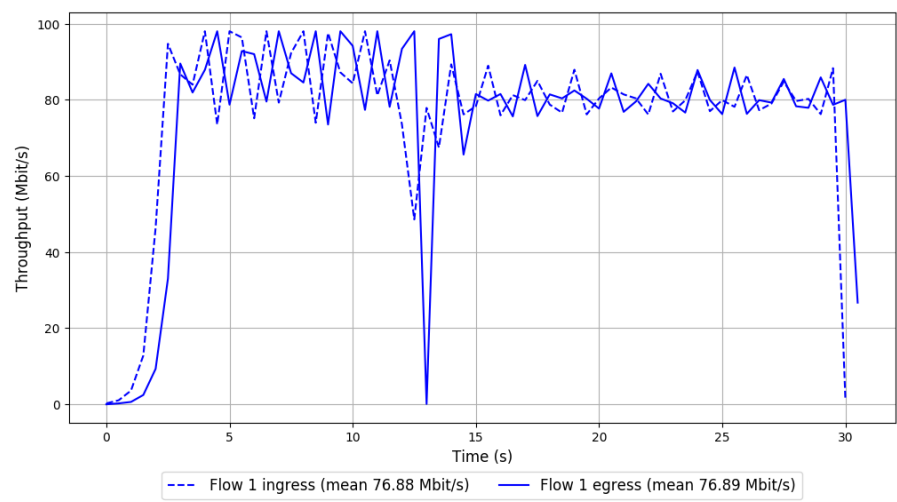
-- Flow 1:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 134.967 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

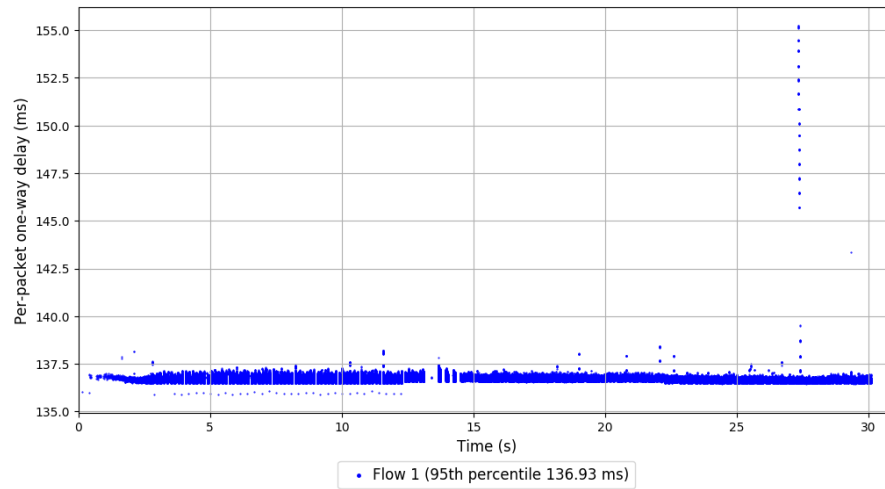
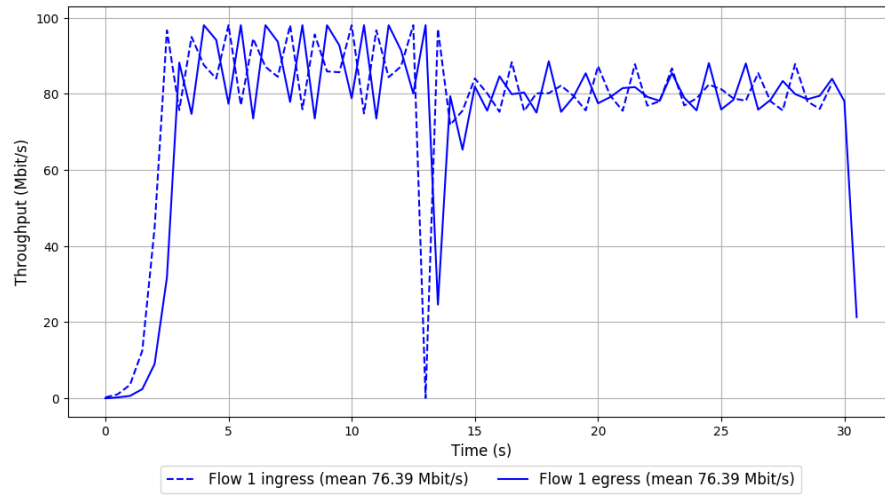


Run 9: Statistics of TCP BBR

Start at: 2018-07-04 13:39:06
End at: 2018-07-04 13:39:36
Local clock offset: -0.145 ms
Remote clock offset: -0.263 ms

Below is generated by plot.py at 2018-07-04 14:26:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 136.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 136.929 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-07-04 14:02:24

End at: 2018-07-04 14:02:54

Local clock offset: -0.036 ms

Remote clock offset: -0.171 ms

Below is generated by plot.py at 2018-07-04 14:26:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.83 Mbit/s

95th percentile per-packet one-way delay: 136.109 ms

Loss rate: 0.00%

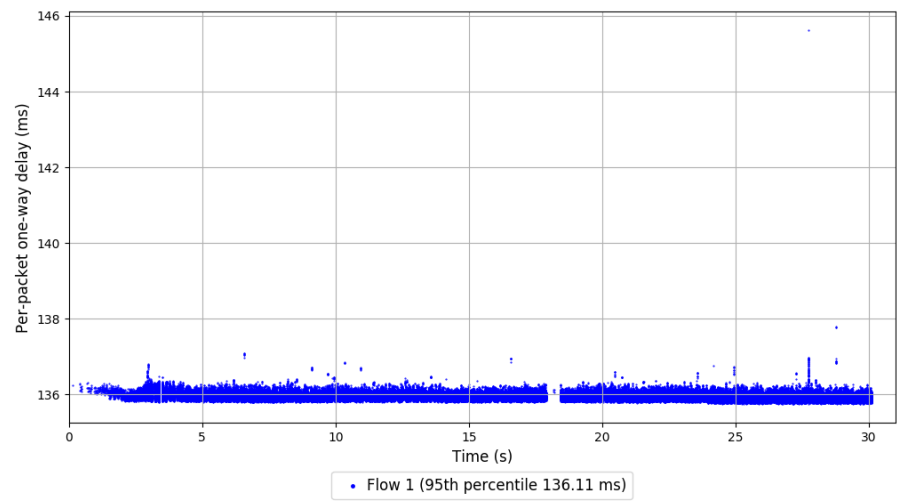
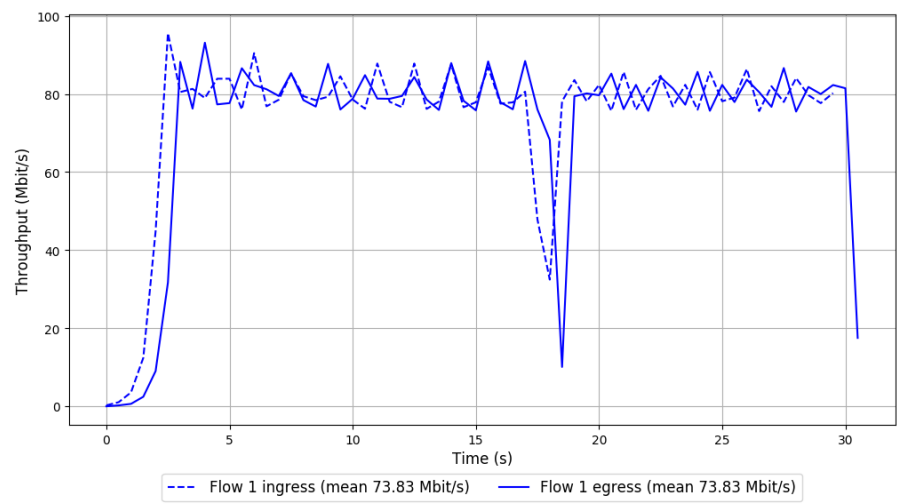
-- Flow 1:

Average throughput: 73.83 Mbit/s

95th percentile per-packet one-way delay: 136.109 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

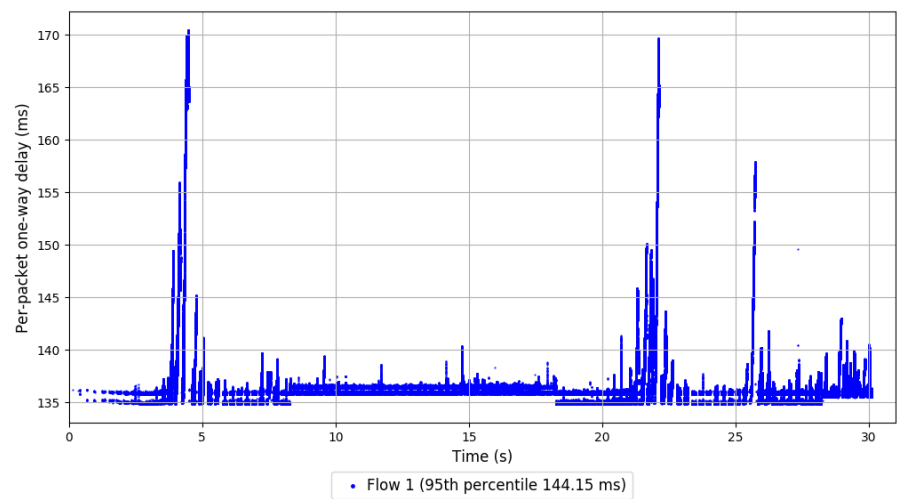
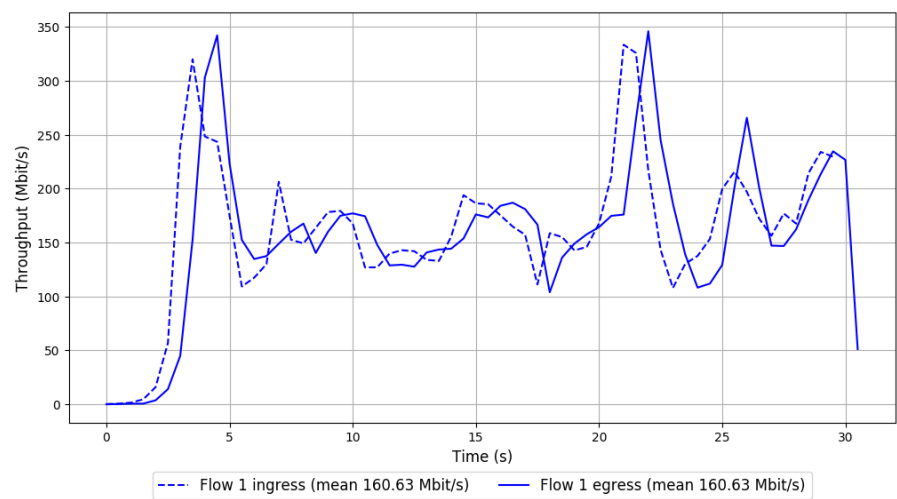


Run 1: Statistics of Copa

Start at: 2018-07-04 10:40:00
End at: 2018-07-04 10:40:30
Local clock offset: -0.073 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 14:29:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 160.63 Mbit/s
95th percentile per-packet one-way delay: 144.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 160.63 Mbit/s
95th percentile per-packet one-way delay: 144.145 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

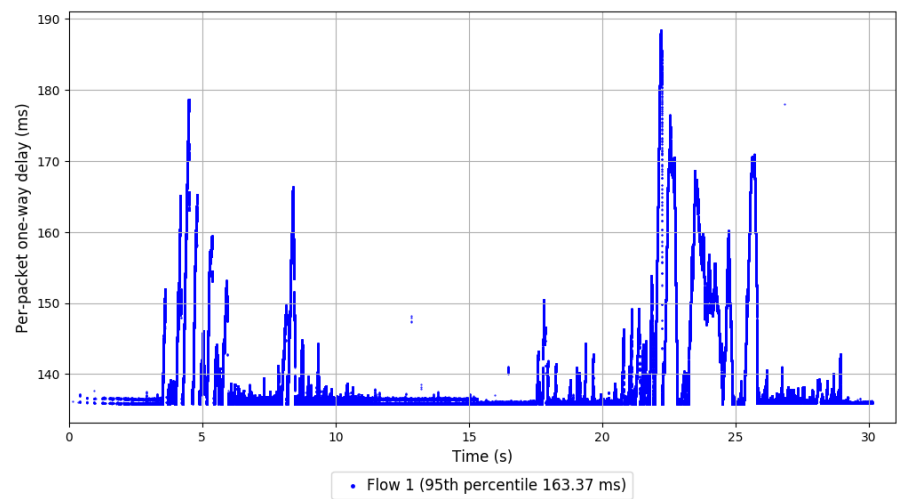
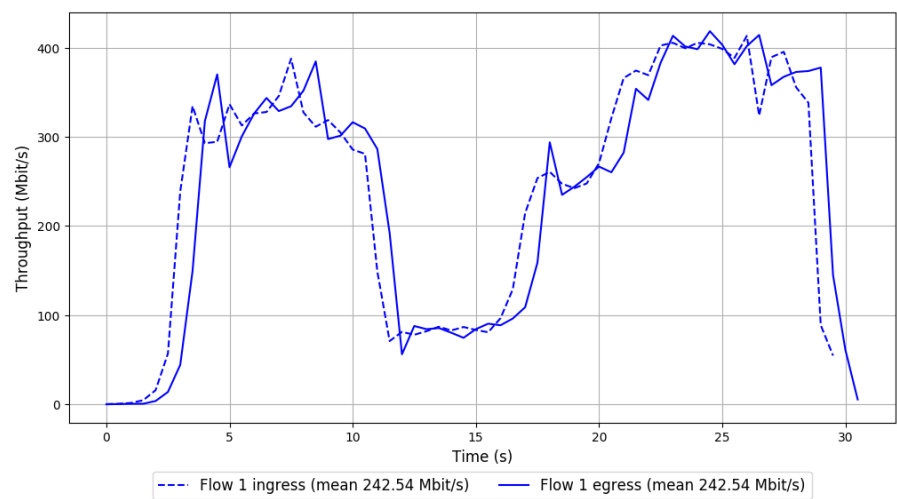


Run 2: Statistics of Copa

Start at: 2018-07-04 11:02:53
End at: 2018-07-04 11:03:23
Local clock offset: -0.055 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-04 14:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 242.54 Mbit/s
95th percentile per-packet one-way delay: 163.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 242.54 Mbit/s
95th percentile per-packet one-way delay: 163.367 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

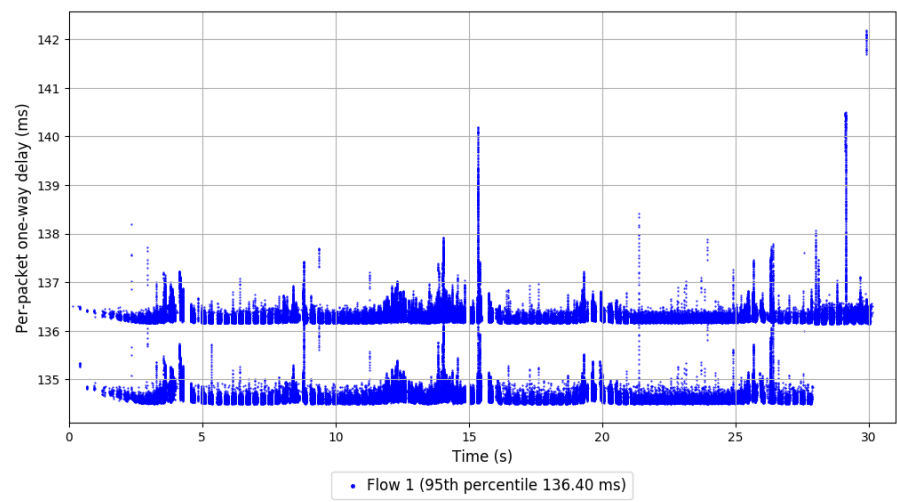
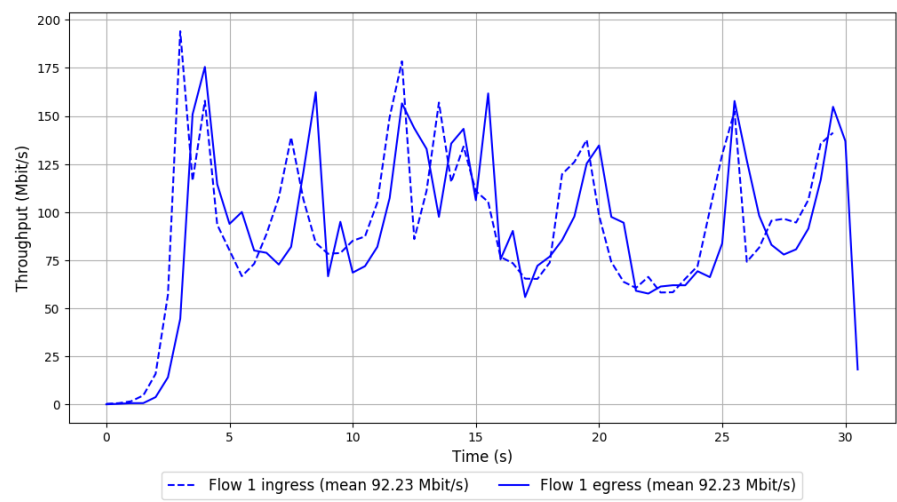


Run 3: Statistics of Copa

Start at: 2018-07-04 11:26:10
End at: 2018-07-04 11:26:40
Local clock offset: 0.131 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-07-04 14:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 136.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 136.399 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

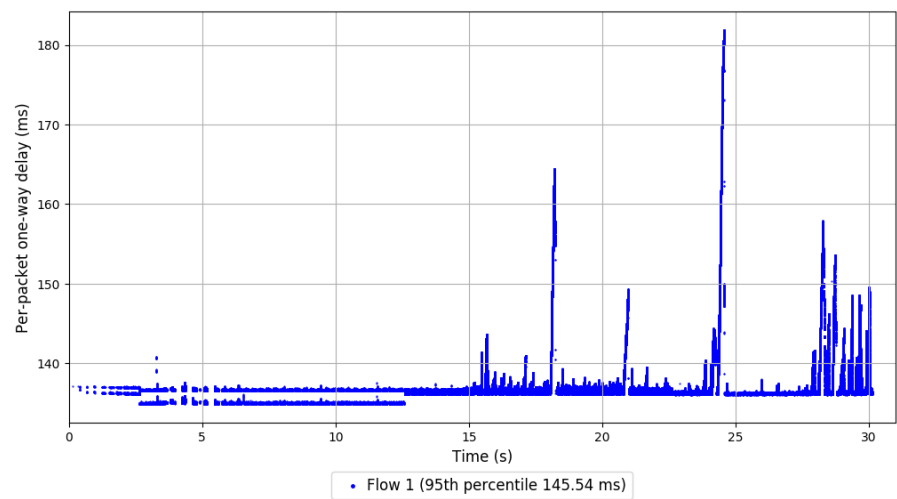
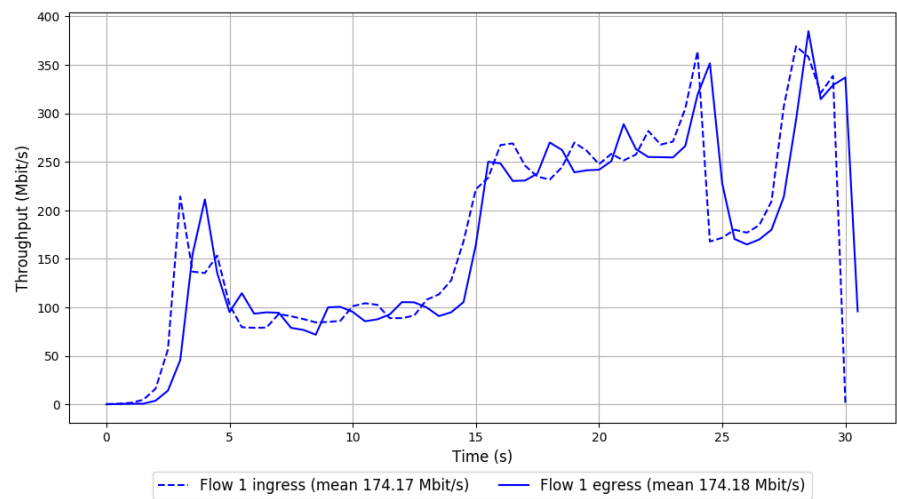


Run 4: Statistics of Copa

Start at: 2018-07-04 11:48:46
End at: 2018-07-04 11:49:16
Local clock offset: -0.255 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-04 14:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 174.18 Mbit/s
95th percentile per-packet one-way delay: 145.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.18 Mbit/s
95th percentile per-packet one-way delay: 145.544 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

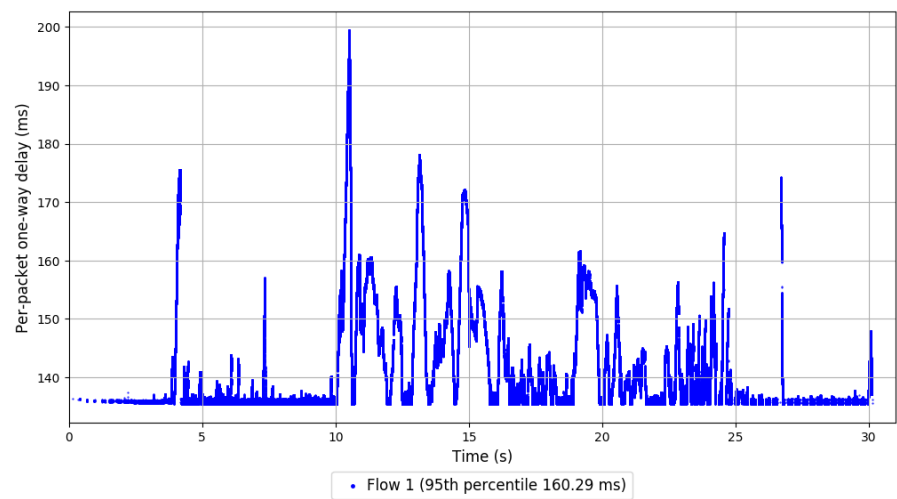
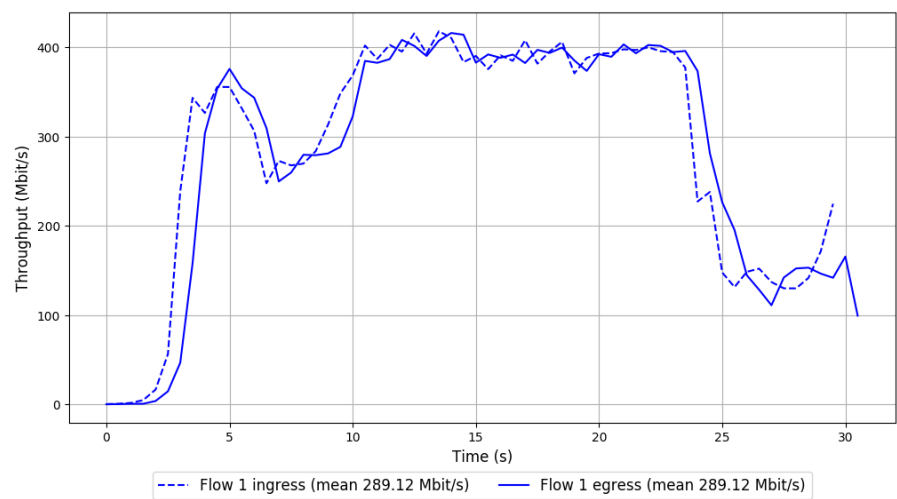


Run 5: Statistics of Copa

Start at: 2018-07-04 12:11:44
End at: 2018-07-04 12:12:14
Local clock offset: -0.143 ms
Remote clock offset: -0.261 ms

Below is generated by plot.py at 2018-07-04 14:35:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 289.12 Mbit/s
95th percentile per-packet one-way delay: 160.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 289.12 Mbit/s
95th percentile per-packet one-way delay: 160.292 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

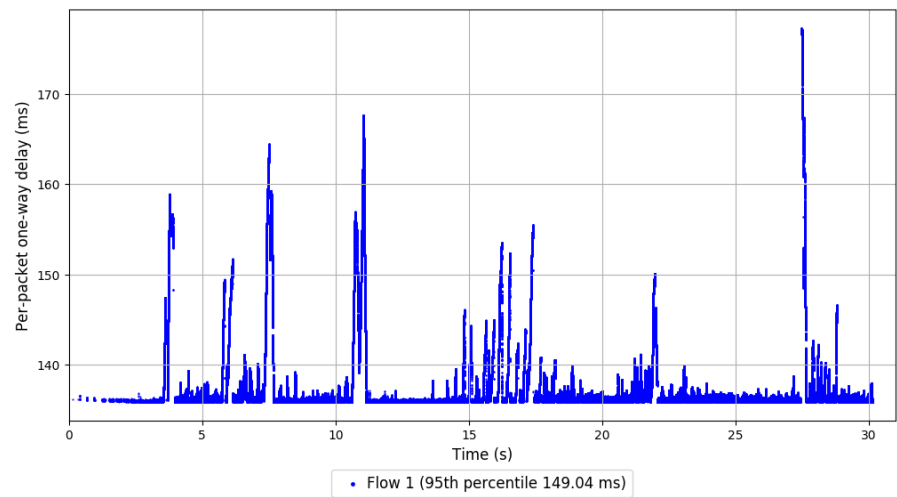
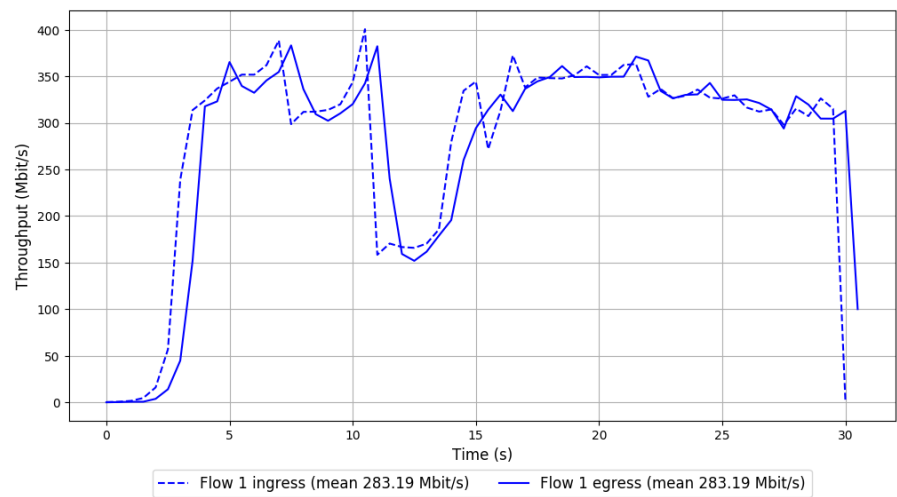


Run 6: Statistics of Copa

Start at: 2018-07-04 12:34:38
End at: 2018-07-04 12:35:08
Local clock offset: -0.108 ms
Remote clock offset: -0.268 ms

Below is generated by plot.py at 2018-07-04 14:35:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 283.19 Mbit/s
95th percentile per-packet one-way delay: 149.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 283.19 Mbit/s
95th percentile per-packet one-way delay: 149.045 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

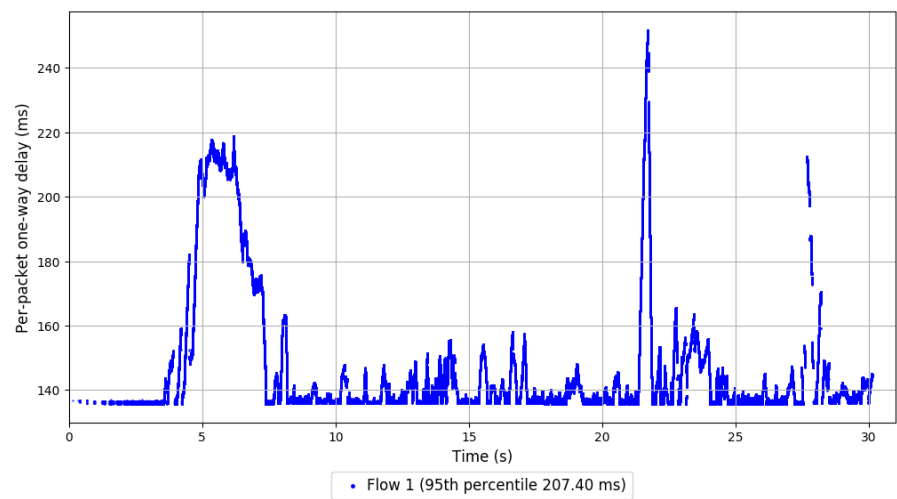
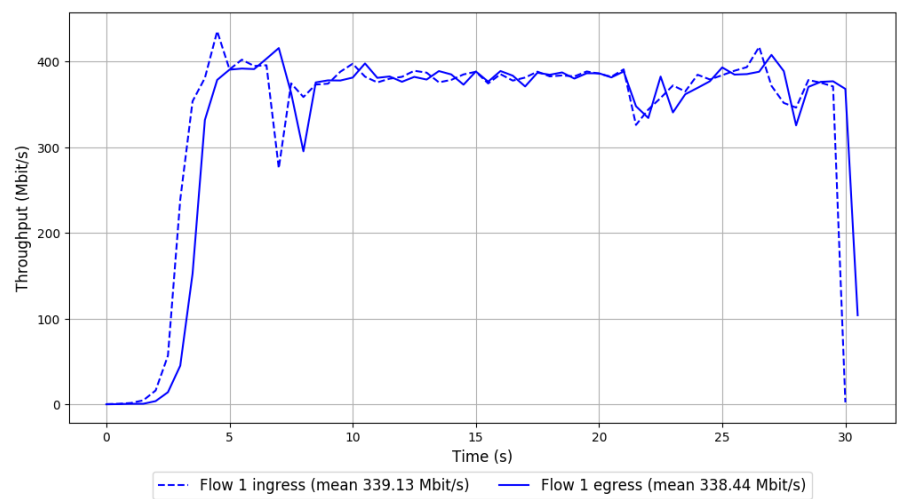


Run 7: Statistics of Copa

Start at: 2018-07-04 12:57:30
End at: 2018-07-04 12:58:00
Local clock offset: -0.255 ms
Remote clock offset: -0.207 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 338.44 Mbit/s
95th percentile per-packet one-way delay: 207.397 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 338.44 Mbit/s
95th percentile per-packet one-way delay: 207.397 ms
Loss rate: 0.20%

Run 7: Report of Copa — Data Link

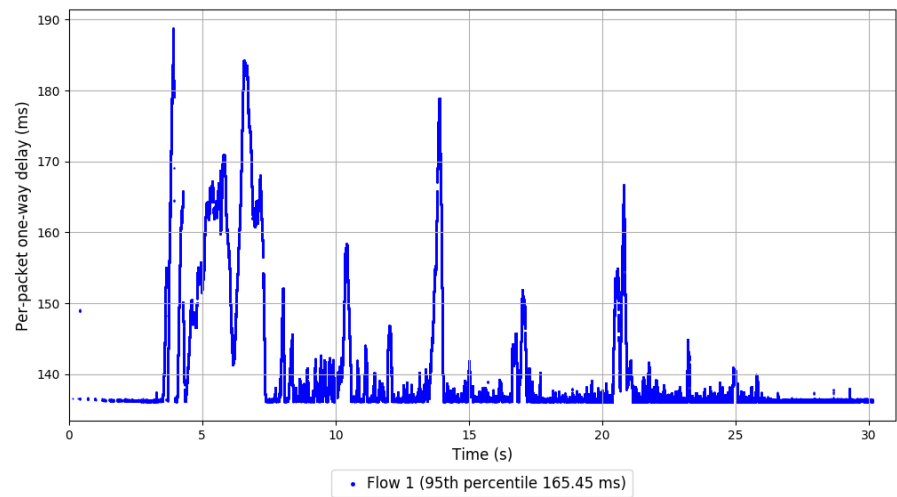
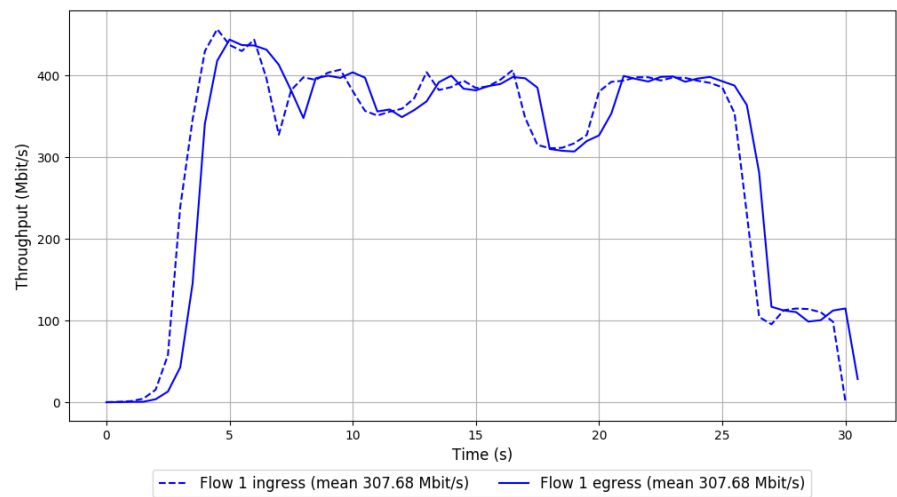


Run 8: Statistics of Copa

Start at: 2018-07-04 13:20:29
End at: 2018-07-04 13:20:59
Local clock offset: 0.196 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 307.68 Mbit/s
95th percentile per-packet one-way delay: 165.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 307.68 Mbit/s
95th percentile per-packet one-way delay: 165.449 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

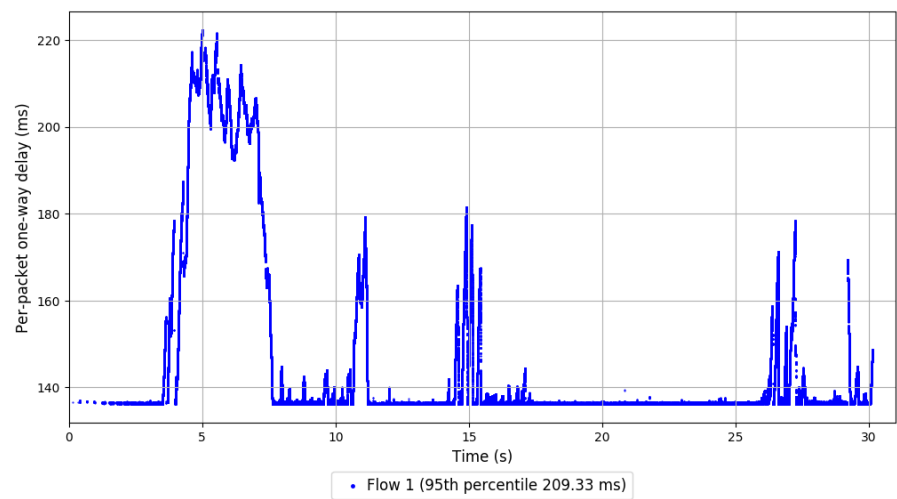
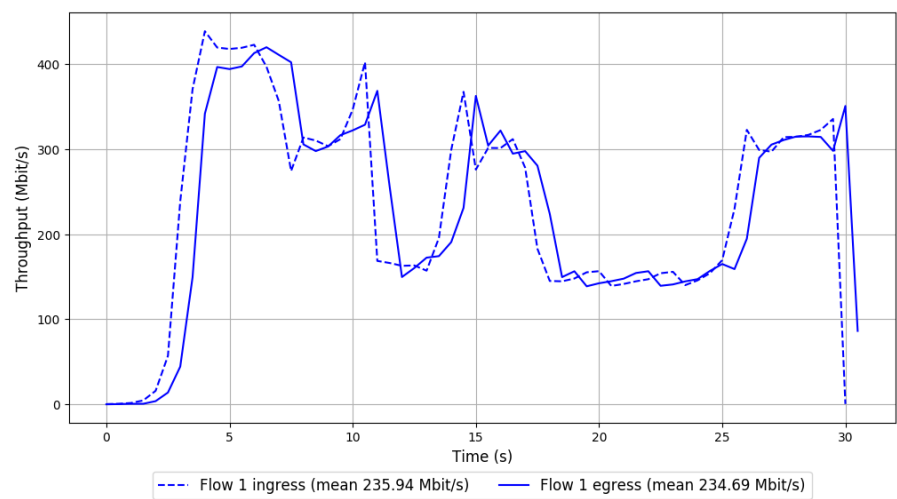


Run 9: Statistics of Copa

Start at: 2018-07-04 13:43:07
End at: 2018-07-04 13:43:37
Local clock offset: 0.091 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 234.69 Mbit/s
95th percentile per-packet one-way delay: 209.331 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 234.69 Mbit/s
95th percentile per-packet one-way delay: 209.331 ms
Loss rate: 0.53%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-07-04 14:06:26

End at: 2018-07-04 14:06:56

Local clock offset: 0.078 ms

Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 14:37:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.45 Mbit/s

95th percentile per-packet one-way delay: 155.139 ms

Loss rate: 0.00%

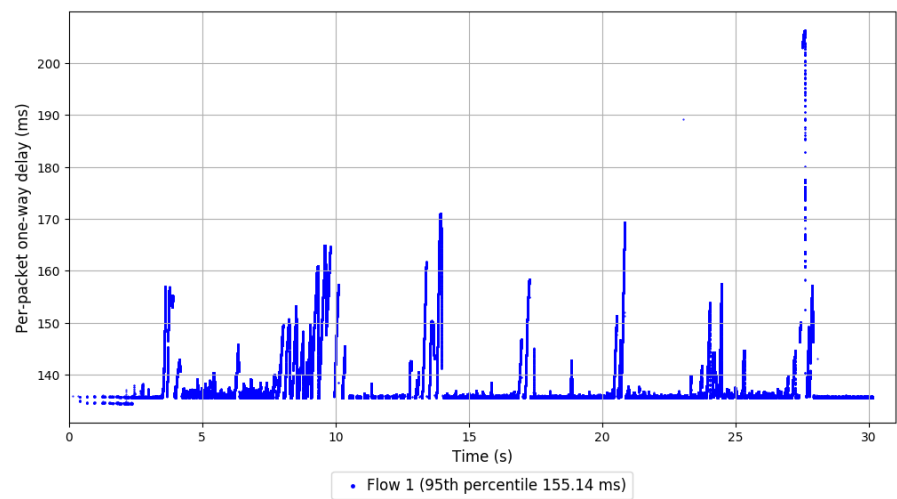
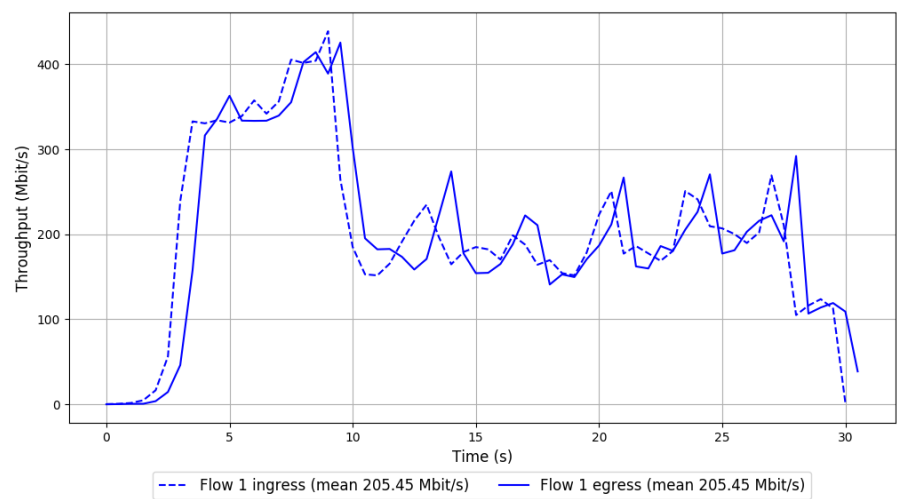
-- Flow 1:

Average throughput: 205.45 Mbit/s

95th percentile per-packet one-way delay: 155.139 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

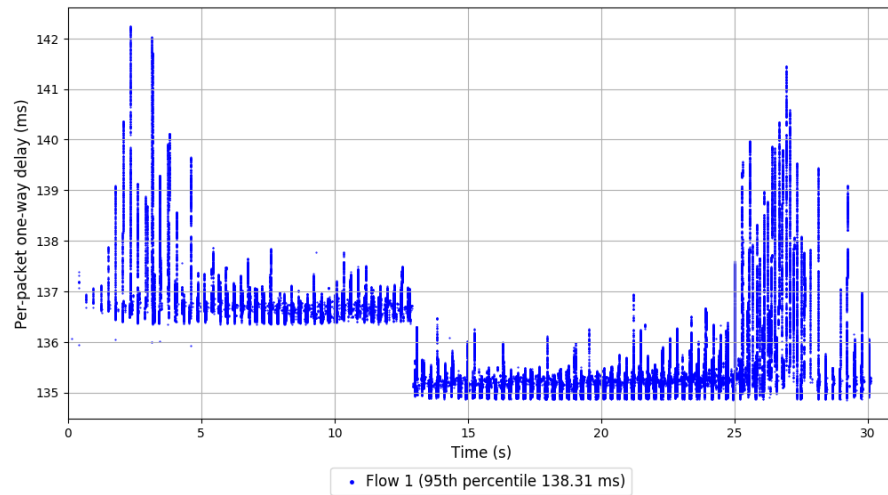
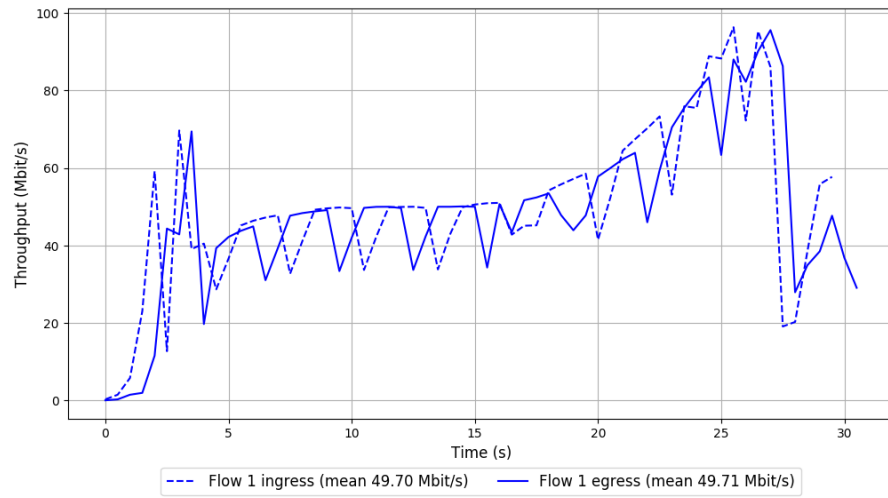


Run 1: Statistics of TCP Cubic

Start at: 2018-07-04 10:41:25
End at: 2018-07-04 10:41:55
Local clock offset: -0.065 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.71 Mbit/s
95th percentile per-packet one-way delay: 138.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.71 Mbit/s
95th percentile per-packet one-way delay: 138.312 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

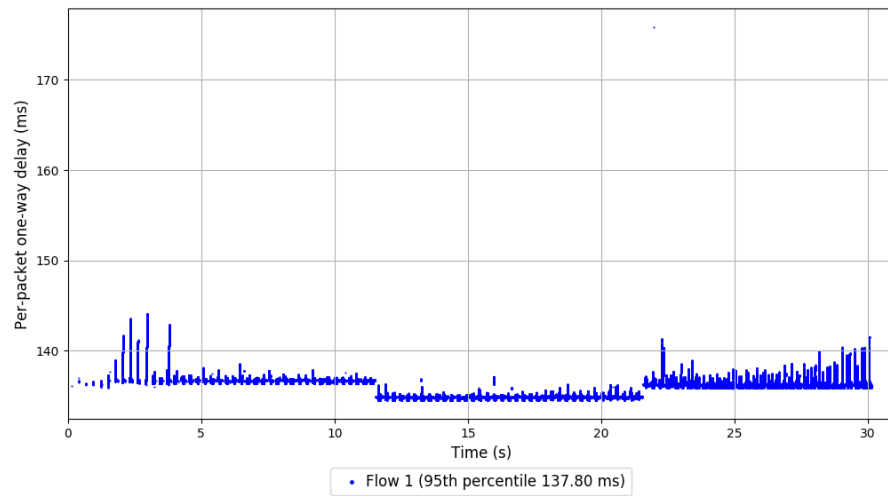
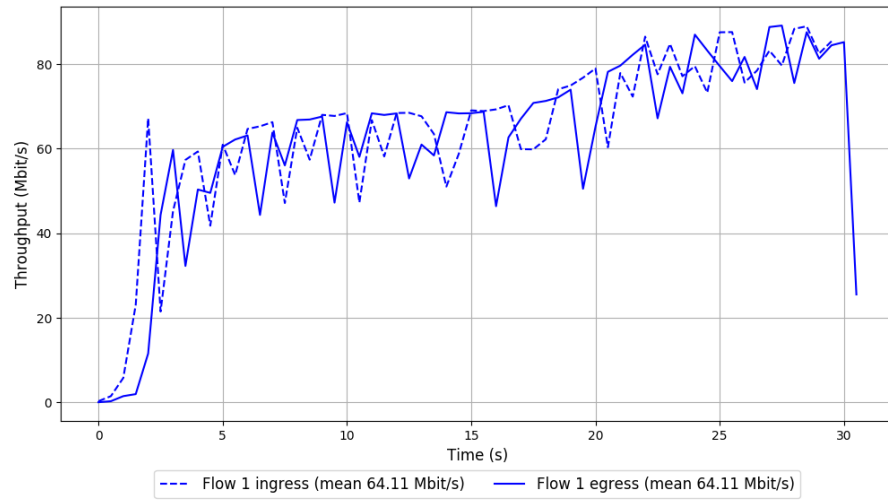


Run 2: Statistics of TCP Cubic

Start at: 2018-07-04 11:04:27
End at: 2018-07-04 11:04:57
Local clock offset: -0.037 ms
Remote clock offset: -0.238 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 137.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 137.798 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

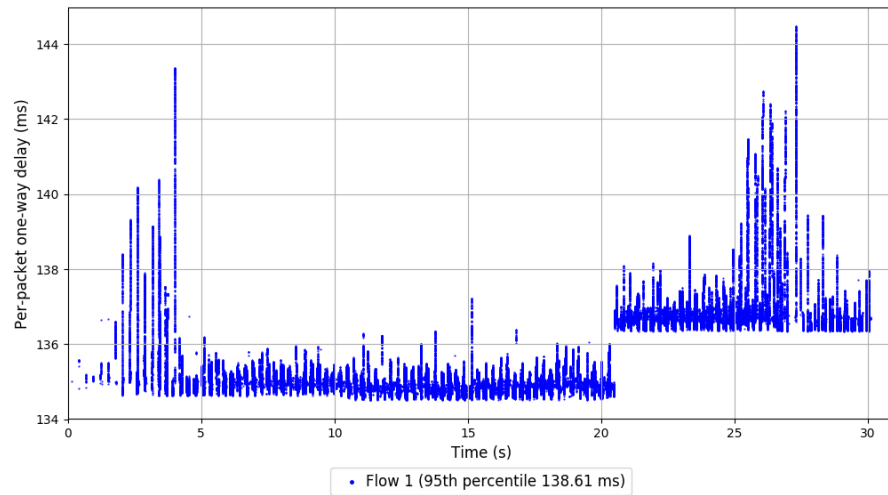
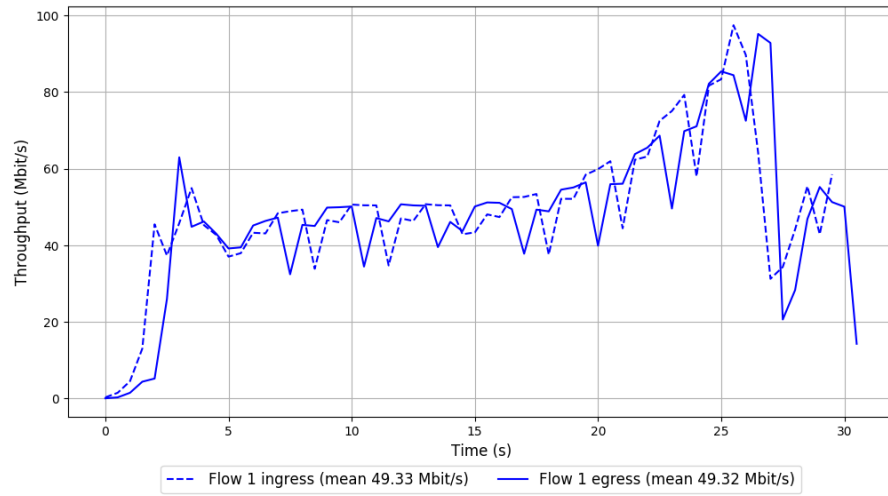


Run 3: Statistics of TCP Cubic

Start at: 2018-07-04 11:27:28
End at: 2018-07-04 11:27:58
Local clock offset: -0.001 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 138.609 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 138.609 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

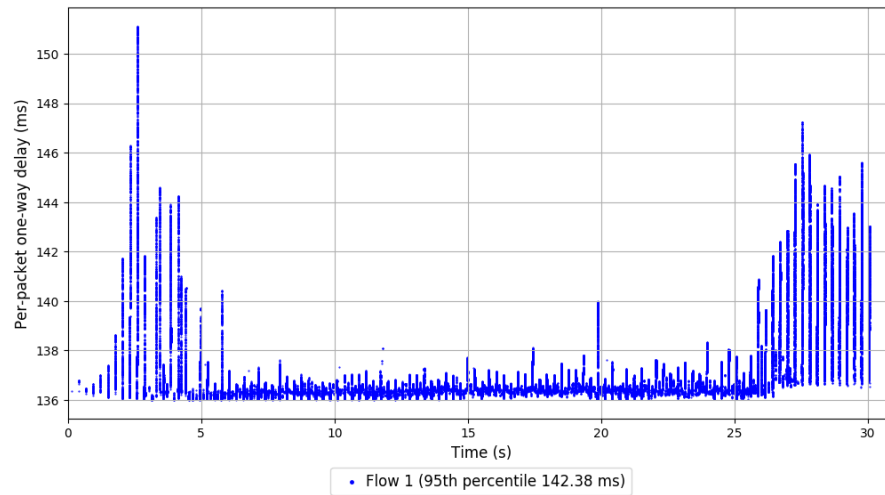
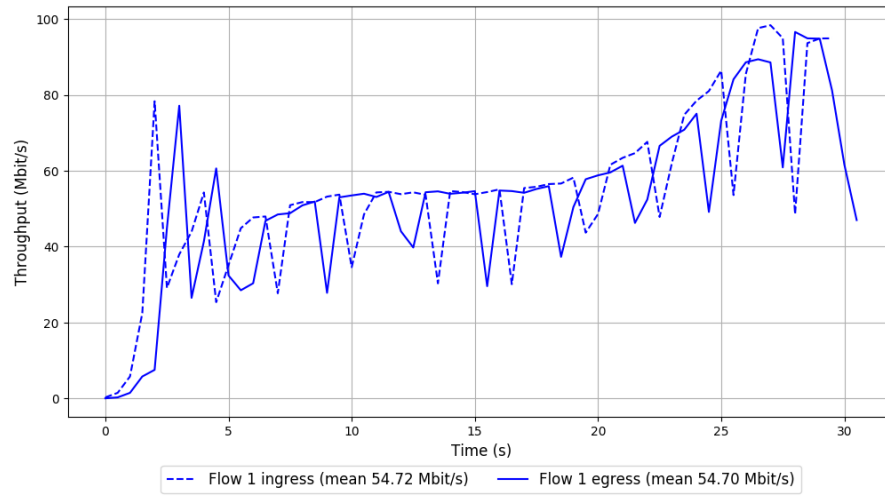


Run 4: Statistics of TCP Cubic

Start at: 2018-07-04 11:50:12
End at: 2018-07-04 11:50:42
Local clock offset: -0.181 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 142.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 142.375 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

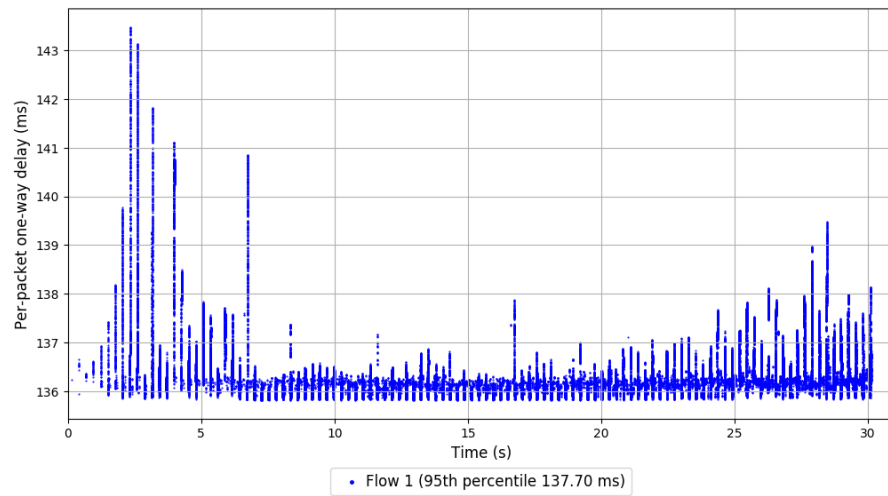
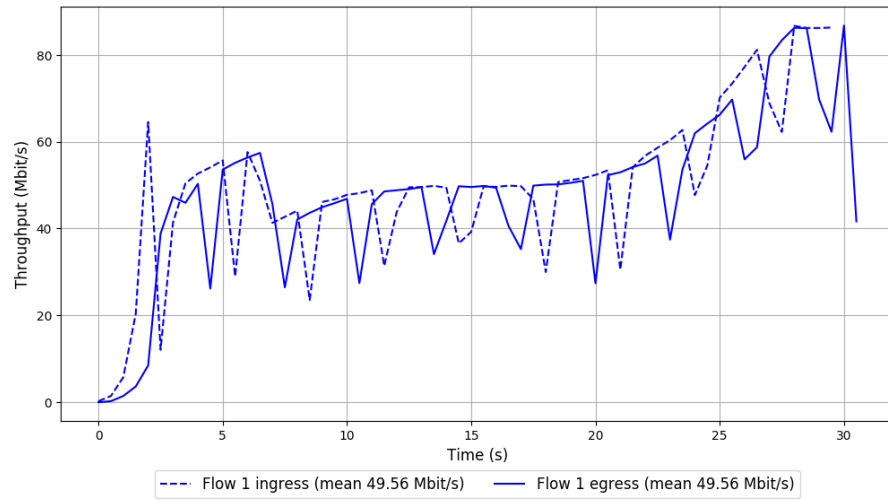


Run 5: Statistics of TCP Cubic

Start at: 2018-07-04 12:13:21
End at: 2018-07-04 12:13:51
Local clock offset: -0.021 ms
Remote clock offset: -0.245 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.56 Mbit/s
95th percentile per-packet one-way delay: 137.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.56 Mbit/s
95th percentile per-packet one-way delay: 137.703 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

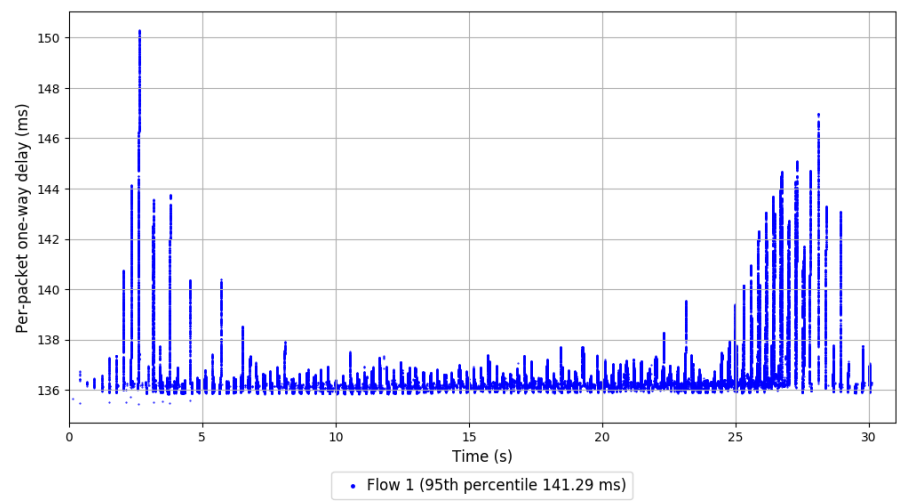
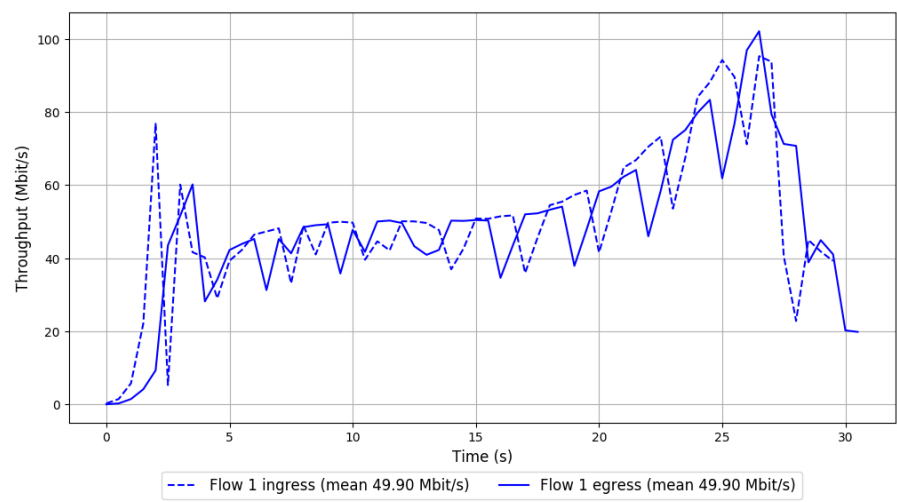


Run 6: Statistics of TCP Cubic

Start at: 2018-07-04 12:36:14
End at: 2018-07-04 12:36:44
Local clock offset: -0.04 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 141.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 141.291 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

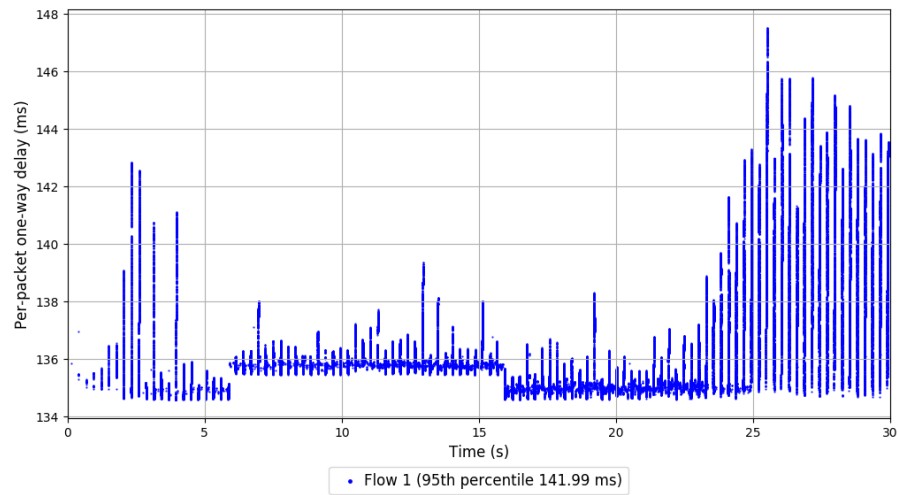
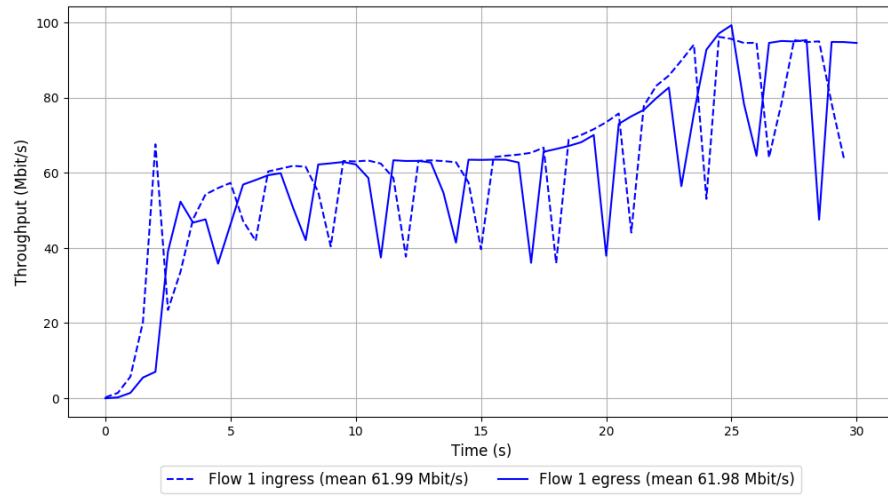


Run 7: Statistics of TCP Cubic

Start at: 2018-07-04 12:59:12
End at: 2018-07-04 12:59:42
Local clock offset: -0.039 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 141.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 141.993 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

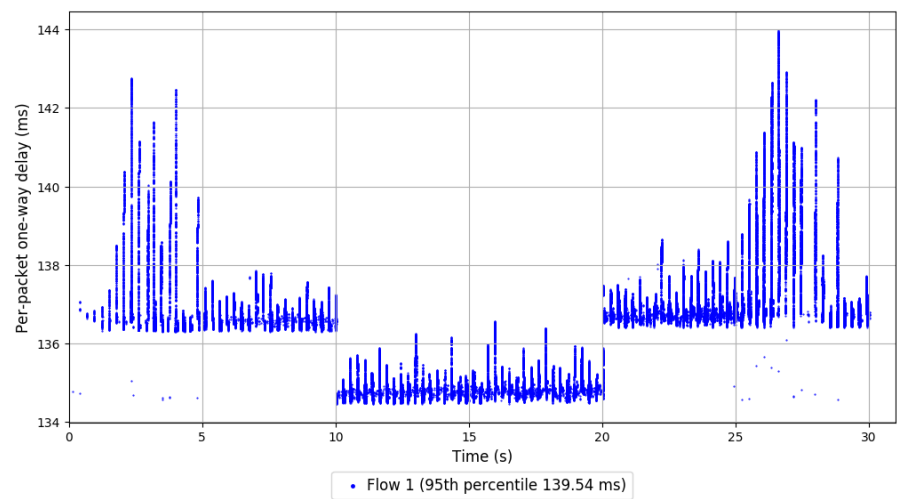
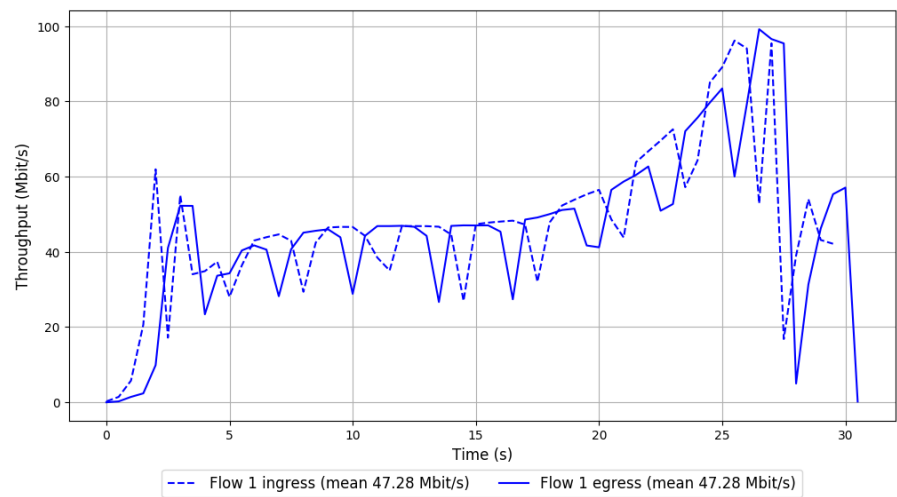


Run 8: Statistics of TCP Cubic

Start at: 2018-07-04 13:22:08
End at: 2018-07-04 13:22:38
Local clock offset: 0.042 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 139.541 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 139.541 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

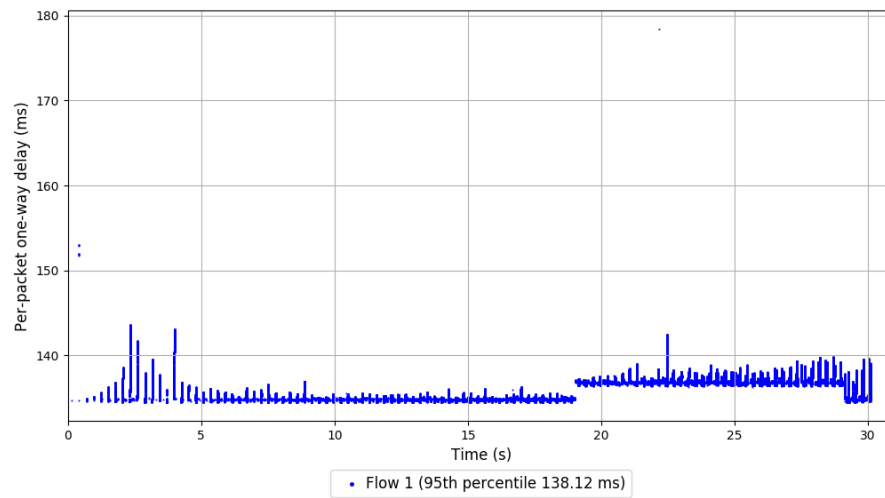
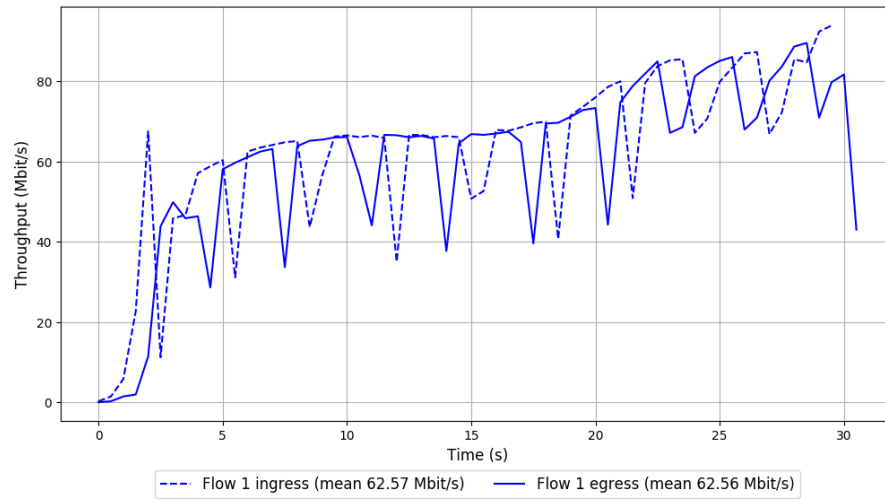


Run 9: Statistics of TCP Cubic

Start at: 2018-07-04 13:44:39
End at: 2018-07-04 13:45:09
Local clock offset: 0.039 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2018-07-04 14:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 138.121 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 138.121 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-04 14:07:55

End at: 2018-07-04 14:08:25

Local clock offset: -0.271 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-07-04 14:37:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.51 Mbit/s

95th percentile per-packet one-way delay: 139.822 ms

Loss rate: 0.00%

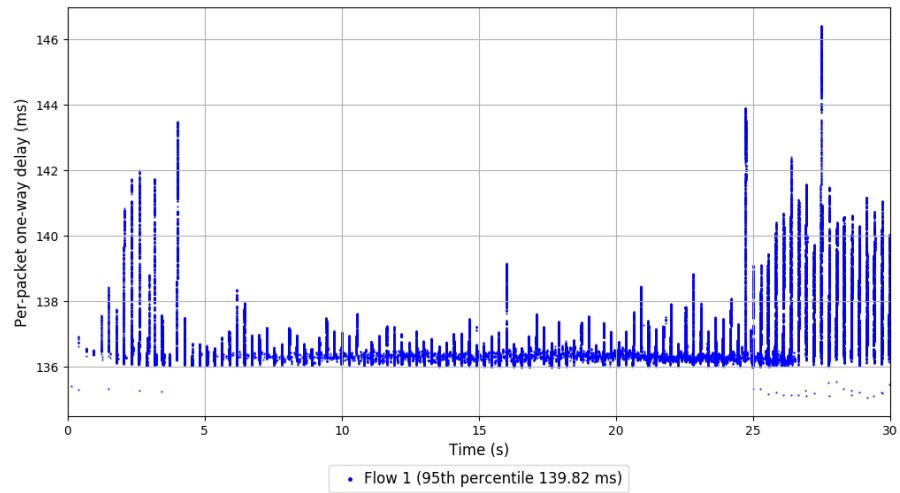
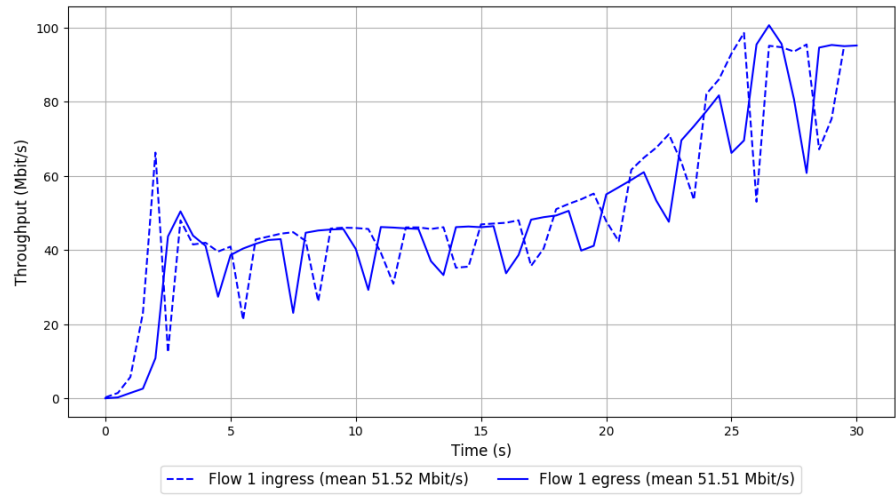
-- Flow 1:

Average throughput: 51.51 Mbit/s

95th percentile per-packet one-way delay: 139.822 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

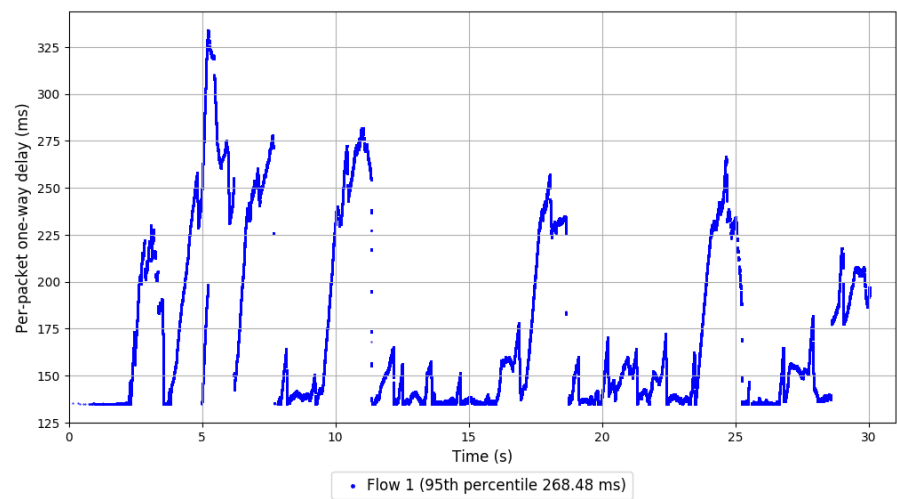
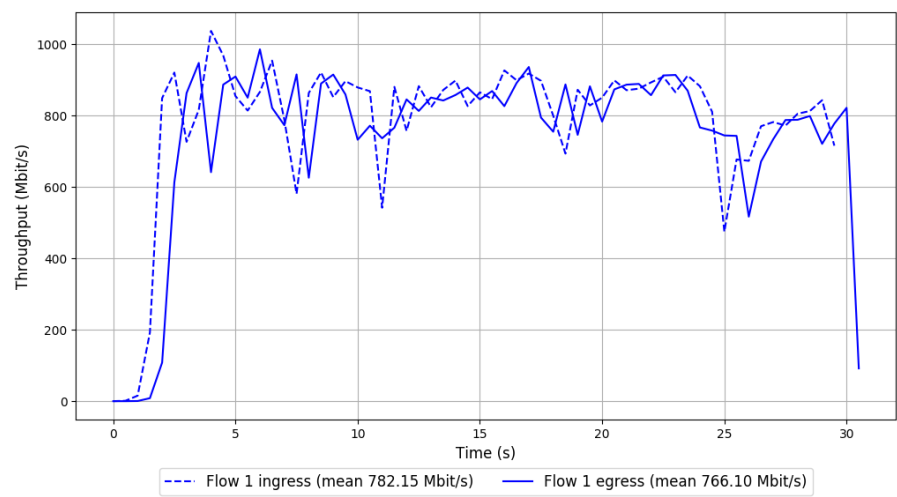


Run 1: Statistics of FillP

Start at: 2018-07-04 10:25:51
End at: 2018-07-04 10:26:21
Local clock offset: 0.026 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 14:51:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 766.10 Mbit/s
95th percentile per-packet one-way delay: 268.478 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 766.10 Mbit/s
95th percentile per-packet one-way delay: 268.478 ms
Loss rate: 2.01%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-04 10:48:38

End at: 2018-07-04 10:49:08

Local clock offset: -0.182 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 14:51:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 752.76 Mbit/s

95th percentile per-packet one-way delay: 284.891 ms

Loss rate: 2.36%

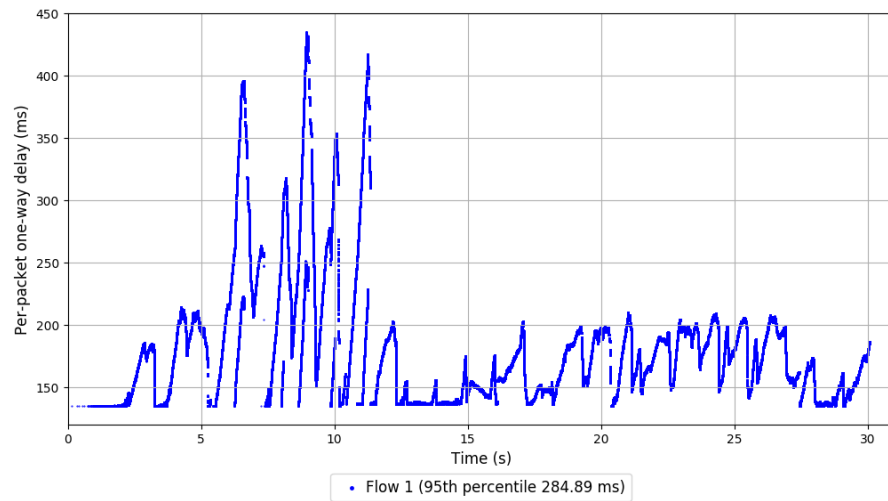
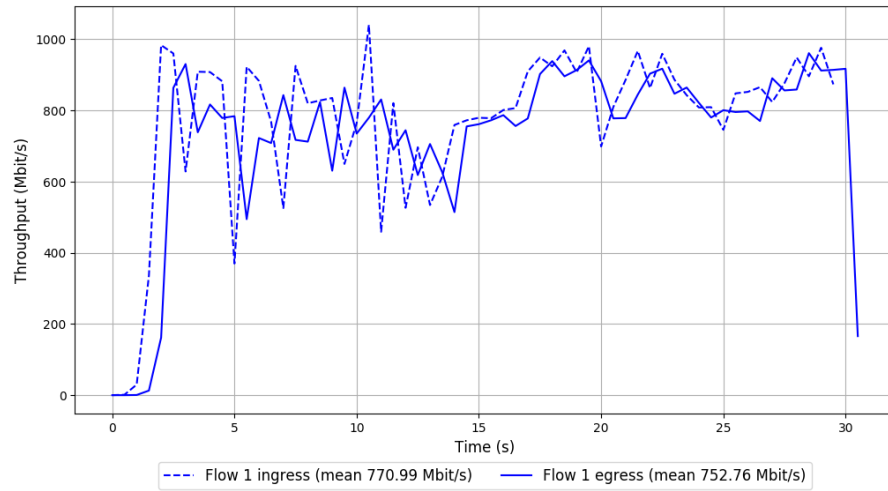
-- Flow 1:

Average throughput: 752.76 Mbit/s

95th percentile per-packet one-way delay: 284.891 ms

Loss rate: 2.36%

Run 2: Report of FillP — Data Link

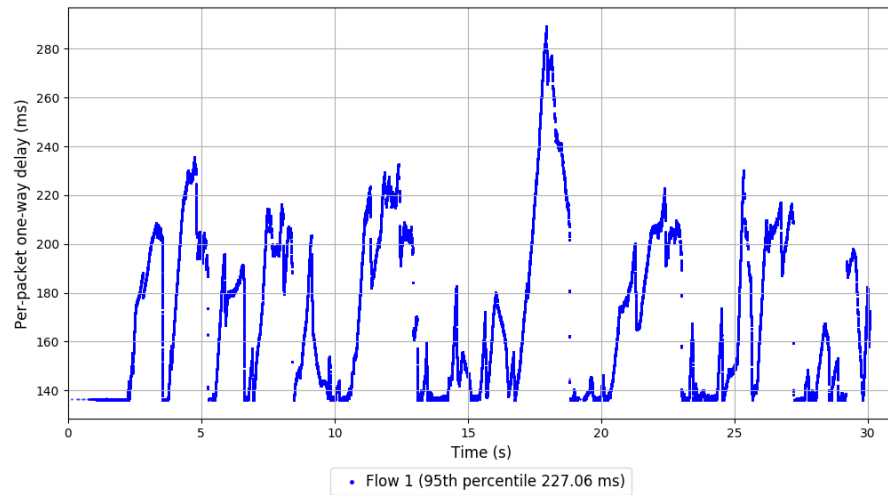
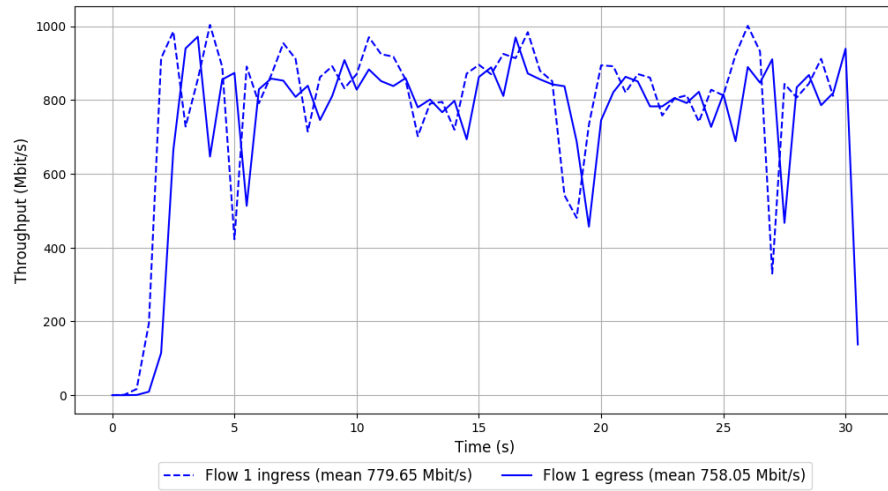


Run 3: Statistics of FillP

Start at: 2018-07-04 11:12:00
End at: 2018-07-04 11:12:30
Local clock offset: -0.254 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 14:51:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 758.05 Mbit/s
95th percentile per-packet one-way delay: 227.061 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 758.05 Mbit/s
95th percentile per-packet one-way delay: 227.061 ms
Loss rate: 2.77%

Run 3: Report of FillP — Data Link

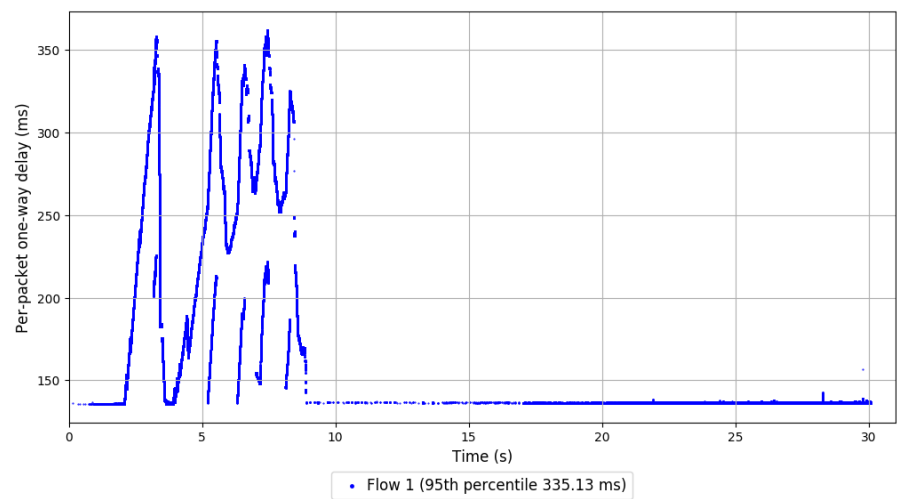
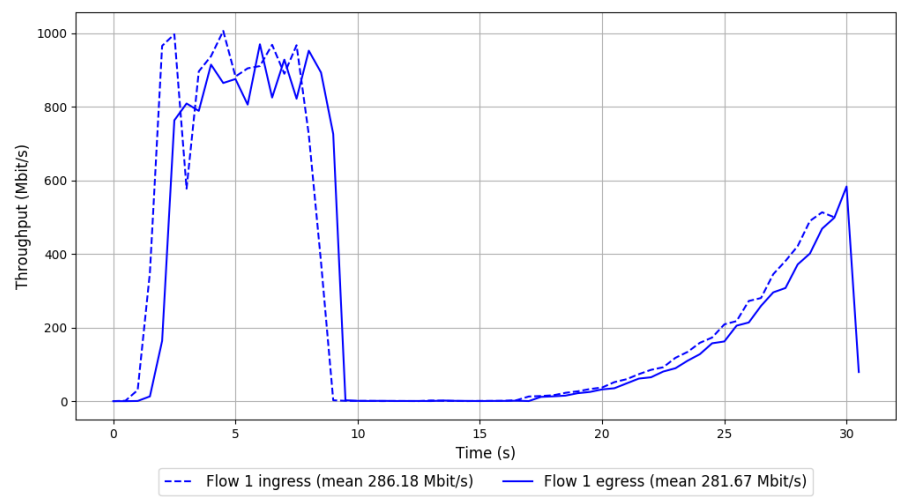


Run 4: Statistics of FillP

Start at: 2018-07-04 11:34:44
End at: 2018-07-04 11:35:14
Local clock offset: -0.002 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 14:51:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 281.67 Mbit/s
95th percentile per-packet one-way delay: 335.126 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 281.67 Mbit/s
95th percentile per-packet one-way delay: 335.126 ms
Loss rate: 1.58%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-04 11:57:24

End at: 2018-07-04 11:57:54

Local clock offset: -0.018 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 14:52:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 804.63 Mbit/s

95th percentile per-packet one-way delay: 257.933 ms

Loss rate: 1.50%

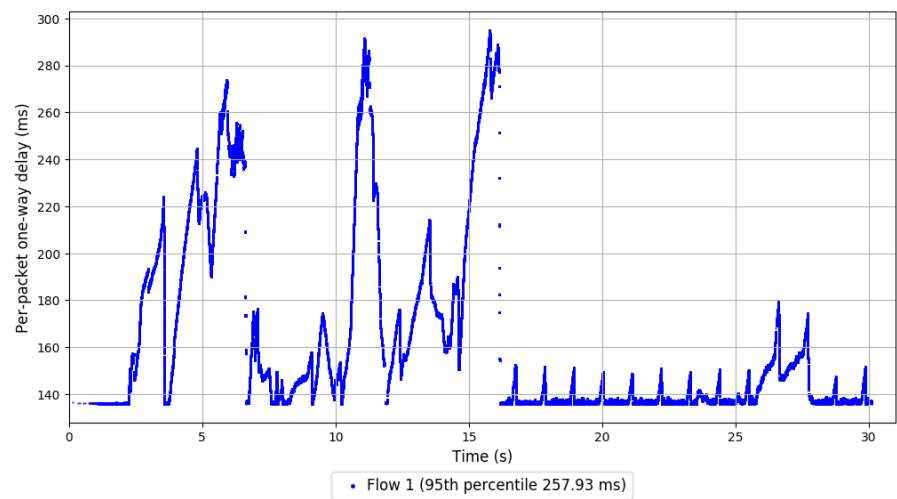
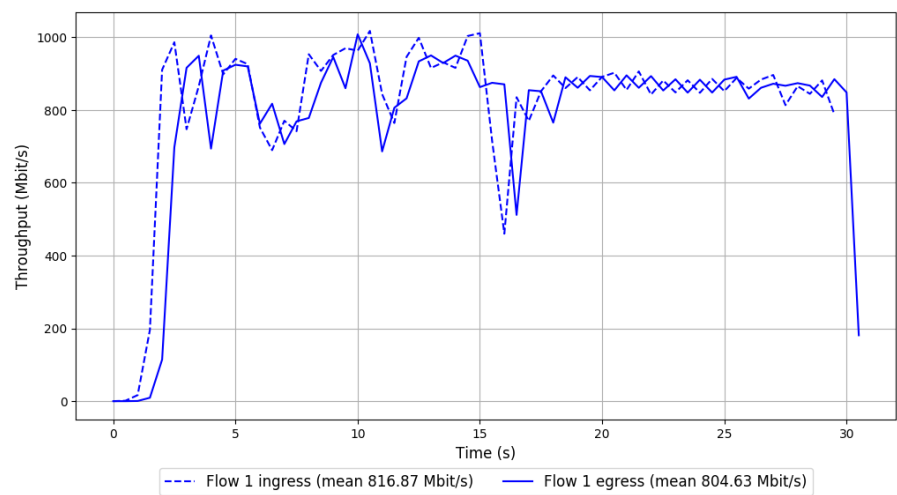
-- Flow 1:

Average throughput: 804.63 Mbit/s

95th percentile per-packet one-way delay: 257.933 ms

Loss rate: 1.50%

Run 5: Report of FillP — Data Link

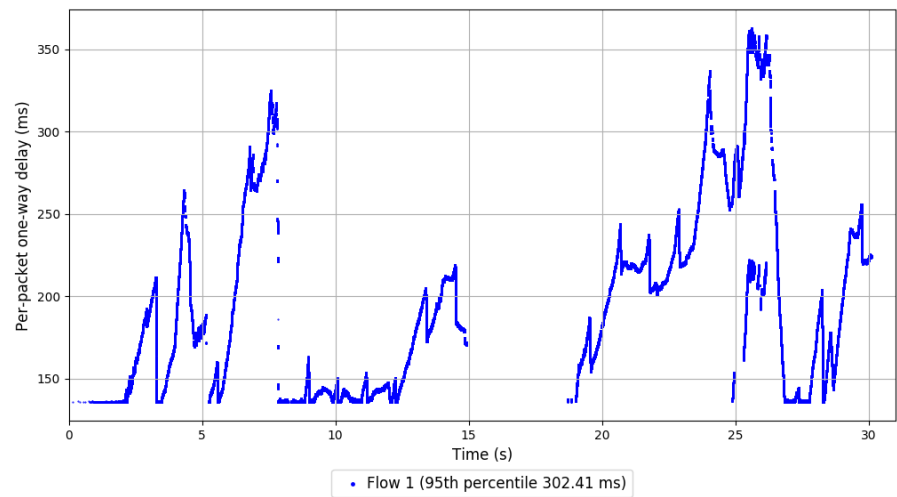
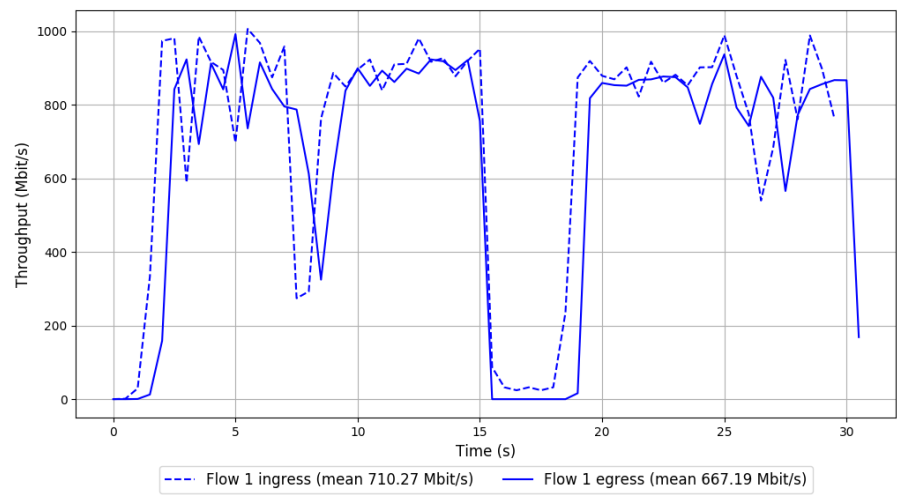


Run 6: Statistics of FillP

Start at: 2018-07-04 12:21:00
End at: 2018-07-04 12:21:30
Local clock offset: -0.019 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-07-04 14:52:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 667.19 Mbit/s
95th percentile per-packet one-way delay: 302.407 ms
Loss rate: 6.06%
-- Flow 1:
Average throughput: 667.19 Mbit/s
95th percentile per-packet one-way delay: 302.407 ms
Loss rate: 6.06%

Run 6: Report of FillP — Data Link

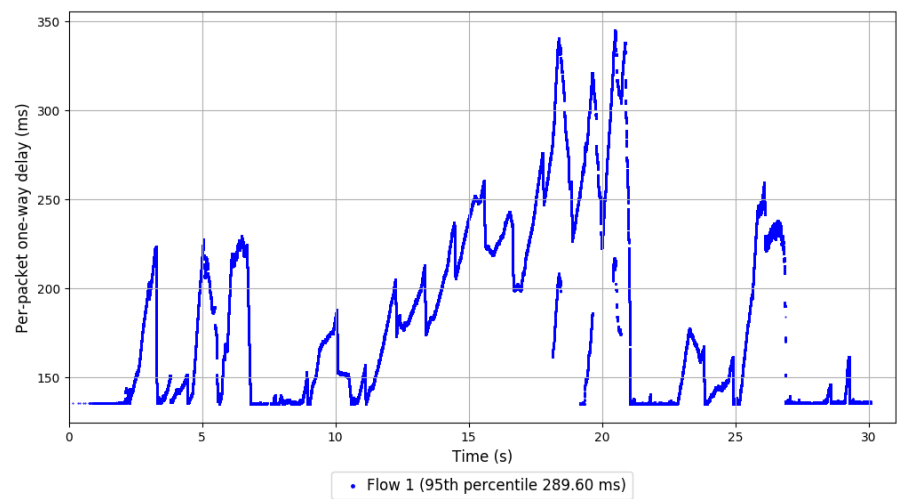
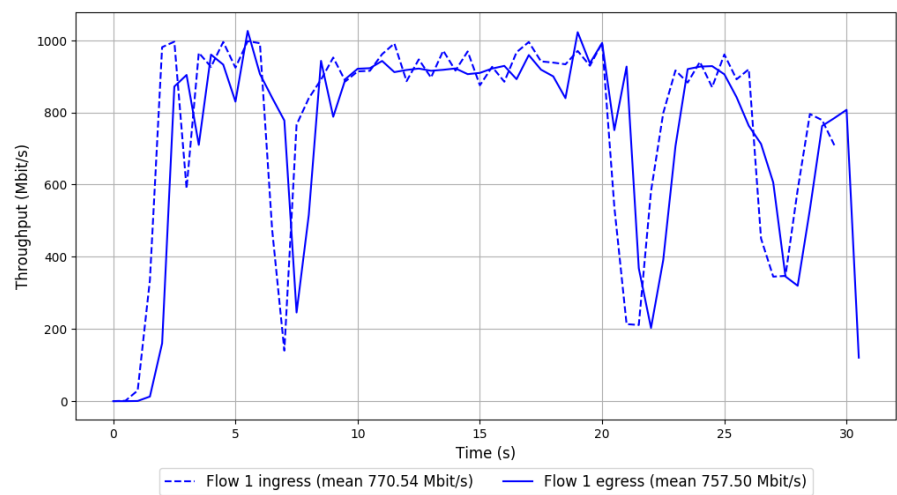


Run 7: Statistics of FillP

Start at: 2018-07-04 12:43:43
End at: 2018-07-04 12:44:13
Local clock offset: -0.154 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-04 14:52:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 757.50 Mbit/s
95th percentile per-packet one-way delay: 289.601 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 757.50 Mbit/s
95th percentile per-packet one-way delay: 289.601 ms
Loss rate: 1.69%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-07-04 13:06:18

End at: 2018-07-04 13:06:48

Local clock offset: -0.282 ms

Remote clock offset: -0.14 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 758.69 Mbit/s

95th percentile per-packet one-way delay: 259.479 ms

Loss rate: 2.70%

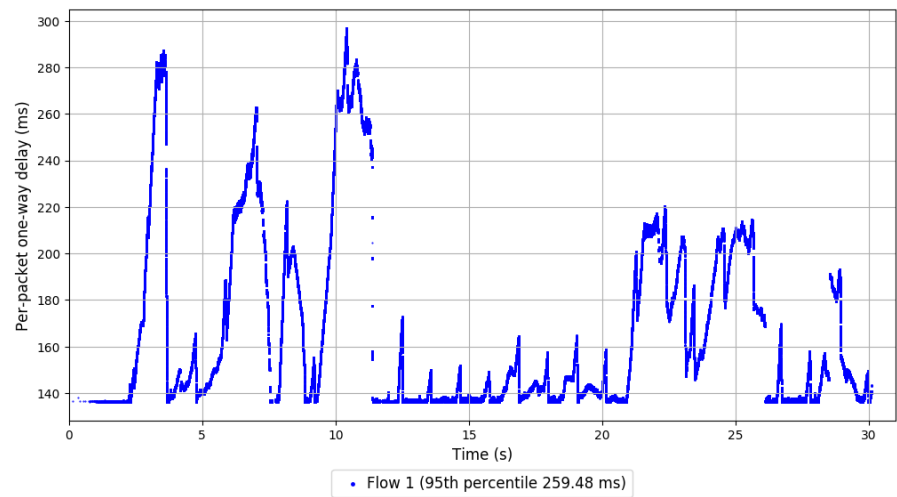
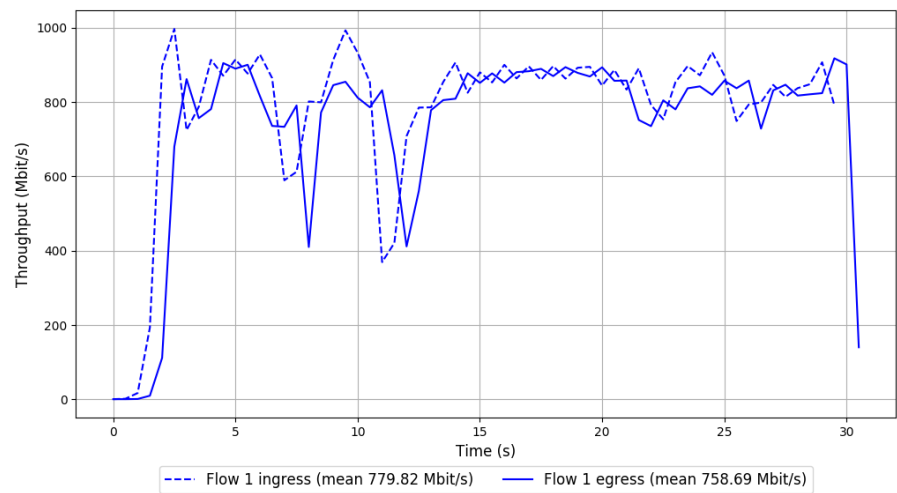
-- Flow 1:

Average throughput: 758.69 Mbit/s

95th percentile per-packet one-way delay: 259.479 ms

Loss rate: 2.70%

Run 8: Report of FillP — Data Link

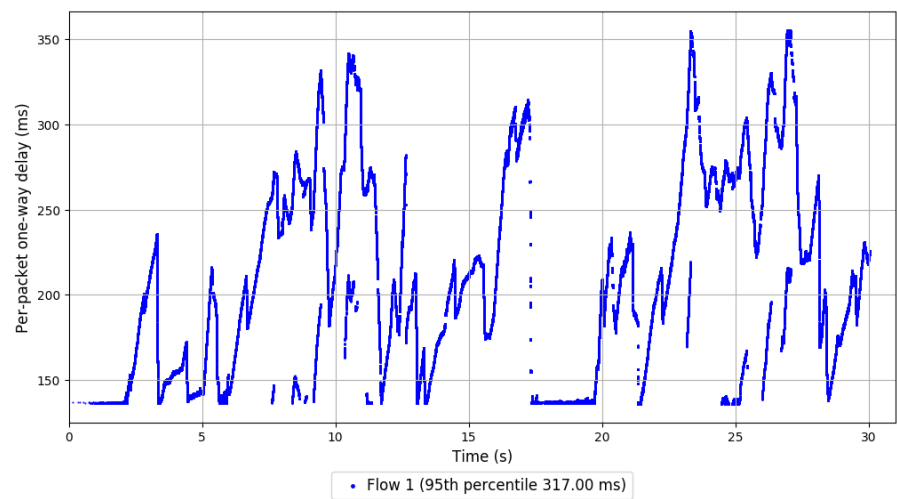
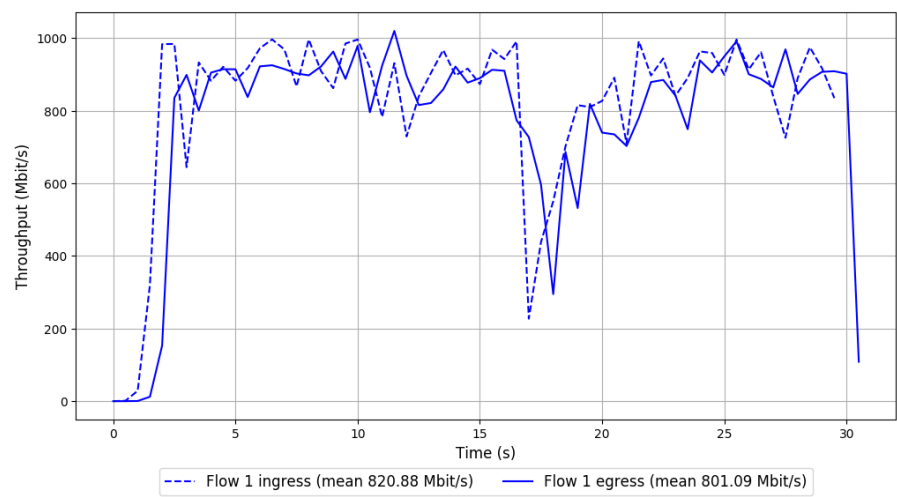


Run 9: Statistics of FillP

Start at: 2018-07-04 13:29:17
End at: 2018-07-04 13:29:47
Local clock offset: -0.017 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-04 14:59:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 801.09 Mbit/s
95th percentile per-packet one-way delay: 317.003 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 801.09 Mbit/s
95th percentile per-packet one-way delay: 317.003 ms
Loss rate: 2.41%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-07-04 13:52:15

End at: 2018-07-04 13:52:45

Local clock offset: 0.088 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2018-07-04 15:00:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 520.90 Mbit/s

95th percentile per-packet one-way delay: 290.955 ms

Loss rate: 2.71%

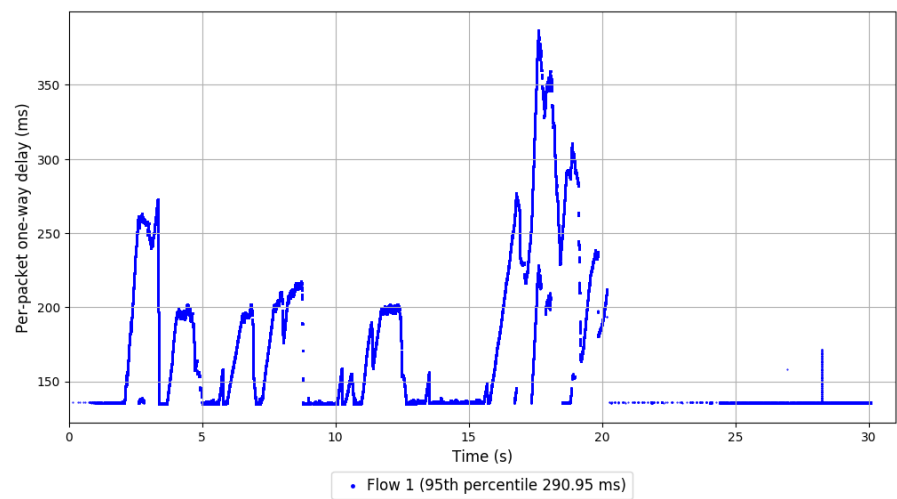
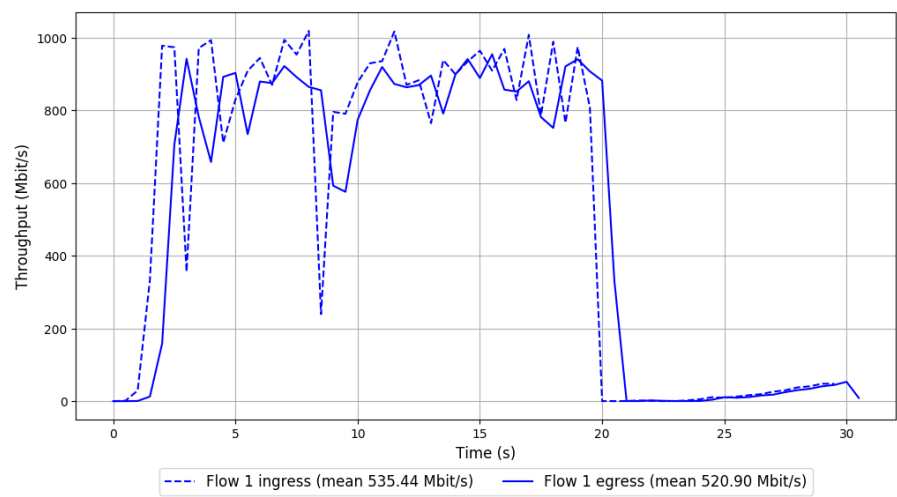
-- Flow 1:

Average throughput: 520.90 Mbit/s

95th percentile per-packet one-way delay: 290.955 ms

Loss rate: 2.71%

Run 10: Report of FillP — Data Link

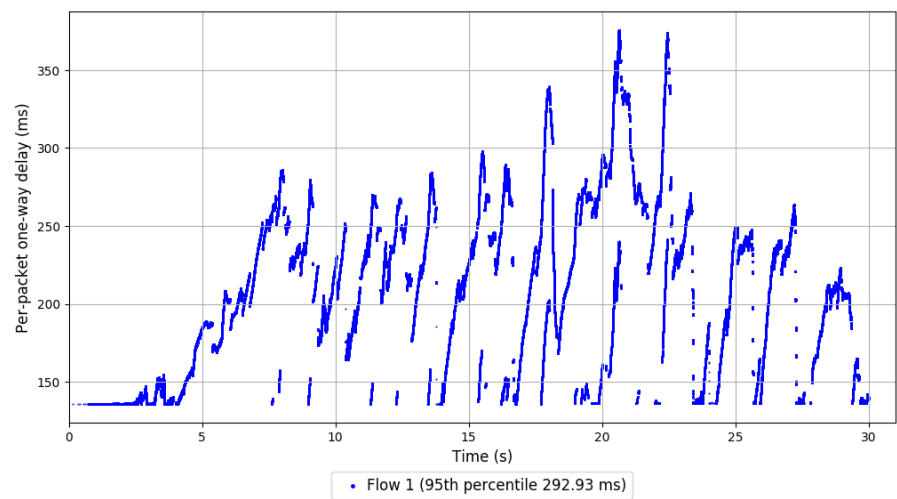
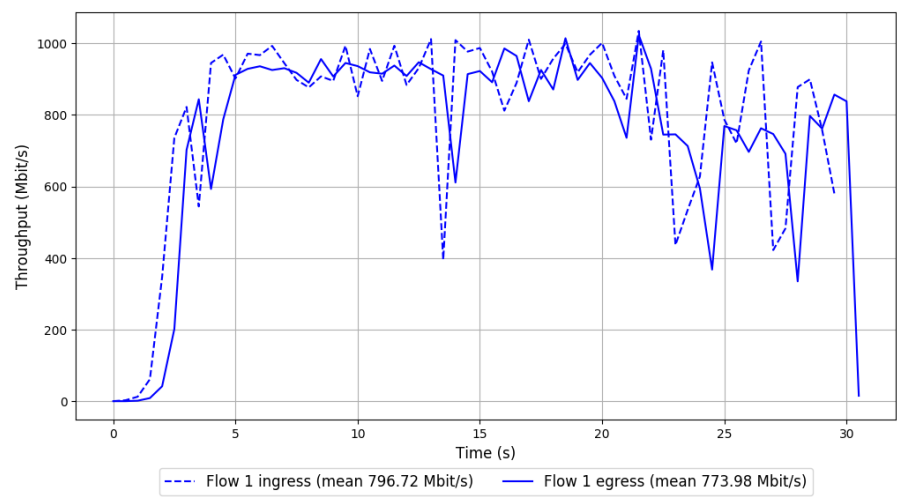


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-04 10:30:40
End at: 2018-07-04 10:31:10
Local clock offset: -0.017 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 15:07:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 773.98 Mbit/s
95th percentile per-packet one-way delay: 292.925 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 773.98 Mbit/s
95th percentile per-packet one-way delay: 292.925 ms
Loss rate: 2.84%

Run 1: Report of FillP-Sheep — Data Link

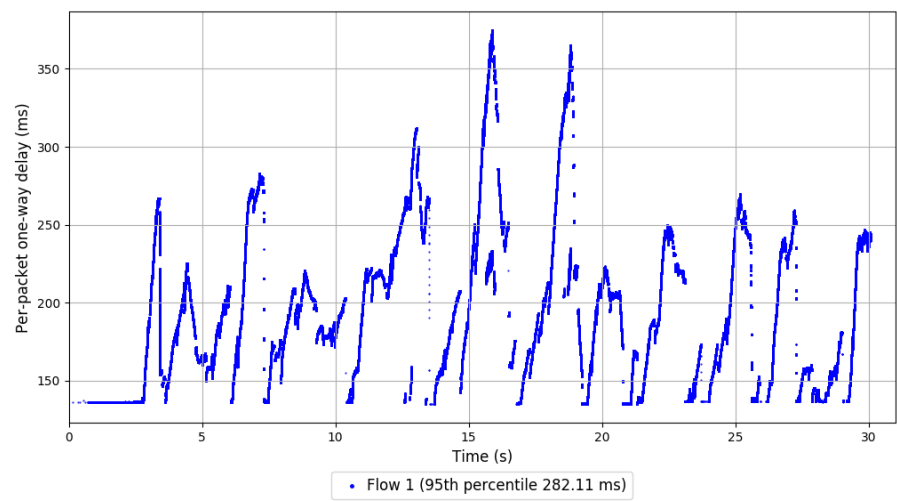
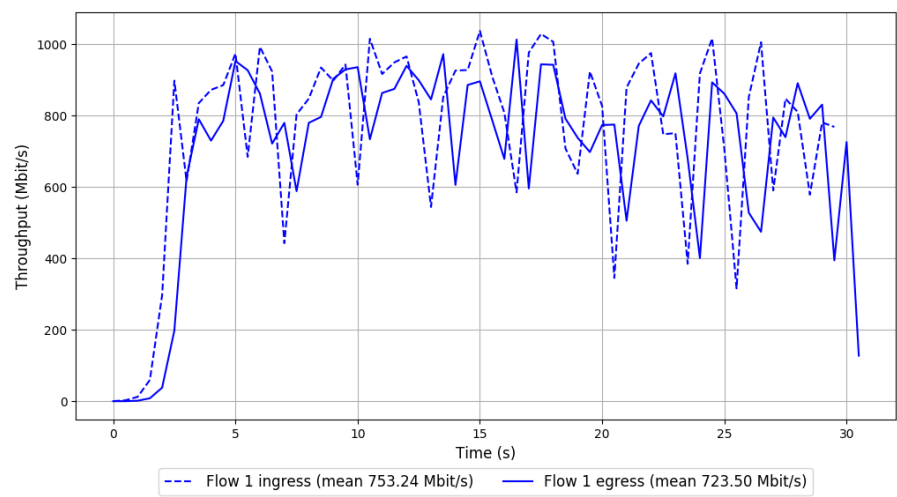


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-04 10:53:36
End at: 2018-07-04 10:54:06
Local clock offset: -0.118 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2018-07-04 15:07:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 723.50 Mbit/s
95th percentile per-packet one-way delay: 282.108 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 723.50 Mbit/s
95th percentile per-packet one-way delay: 282.108 ms
Loss rate: 3.87%

Run 2: Report of FillP-Sheep — Data Link

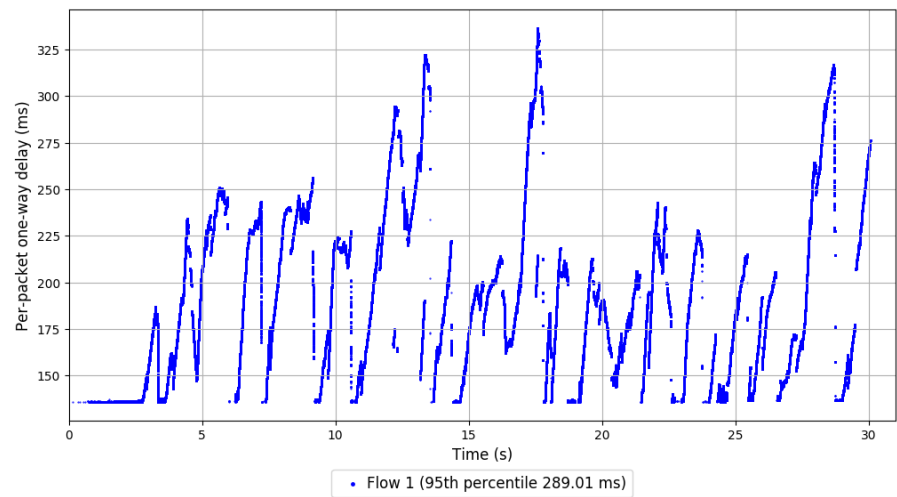
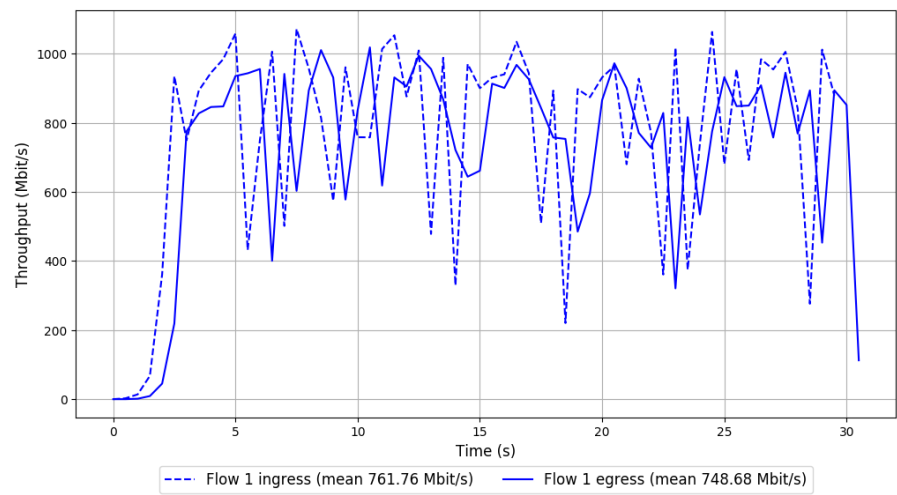


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-04 11:16:54
End at: 2018-07-04 11:17:24
Local clock offset: 0.138 ms
Remote clock offset: -0.183 ms

Below is generated by plot.py at 2018-07-04 15:07:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 748.68 Mbit/s
95th percentile per-packet one-way delay: 289.011 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 748.68 Mbit/s
95th percentile per-packet one-way delay: 289.011 ms
Loss rate: 1.71%

Run 3: Report of FillP-Sheep — Data Link

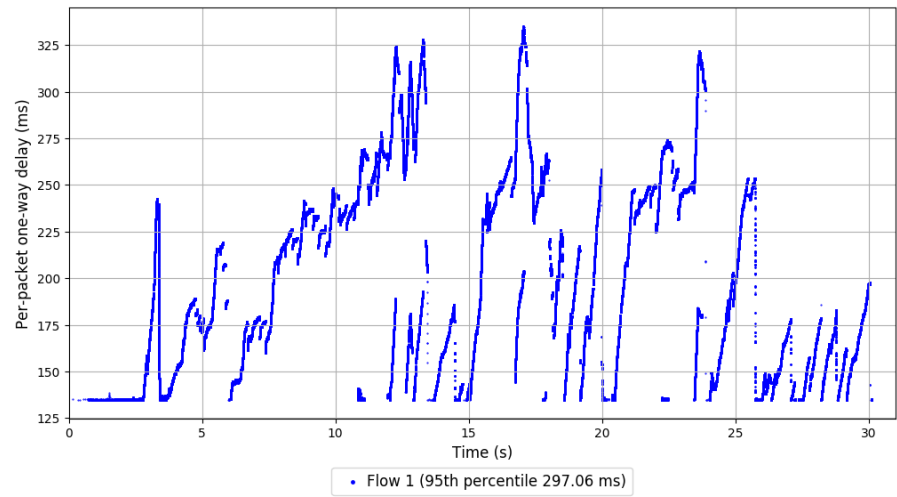
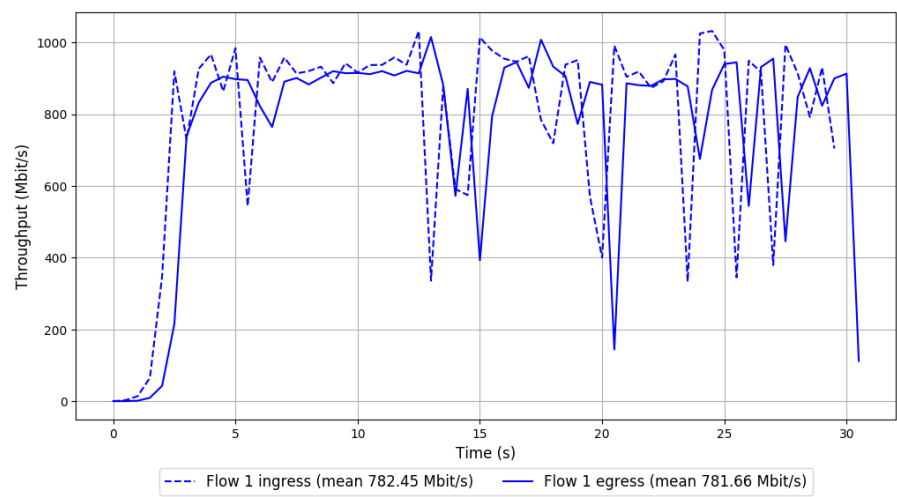


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-04 11:39:20
End at: 2018-07-04 11:39:50
Local clock offset: -0.184 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-04 15:09:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 781.66 Mbit/s
95th percentile per-packet one-way delay: 297.057 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 781.66 Mbit/s
95th percentile per-packet one-way delay: 297.057 ms
Loss rate: 0.10%

Run 4: Report of FillP-Sheep — Data Link

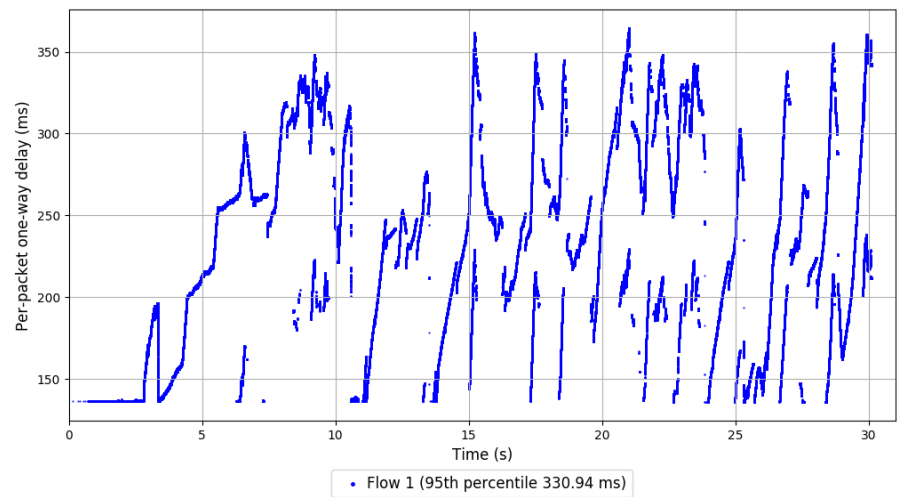
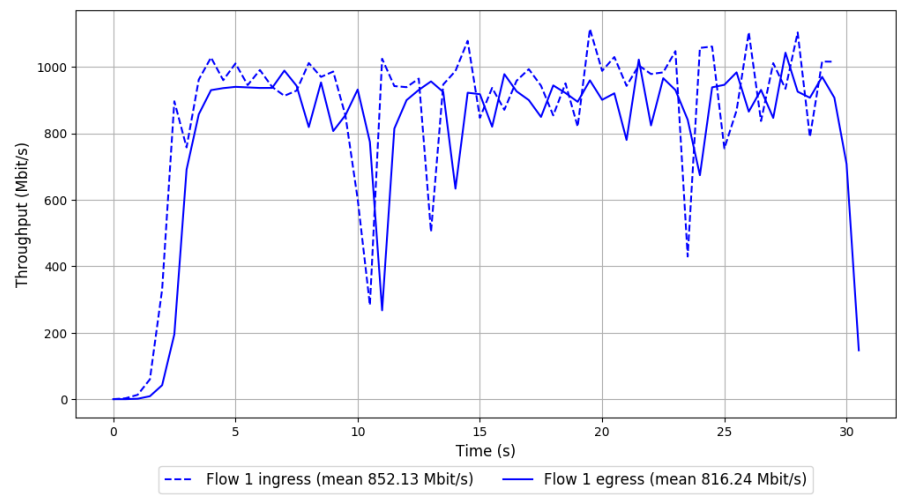


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-04 12:02:17
End at: 2018-07-04 12:02:47
Local clock offset: -0.204 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-04 15:09:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 816.24 Mbit/s
95th percentile per-packet one-way delay: 330.945 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 816.24 Mbit/s
95th percentile per-packet one-way delay: 330.945 ms
Loss rate: 4.21%

Run 5: Report of FillP-Sheep — Data Link

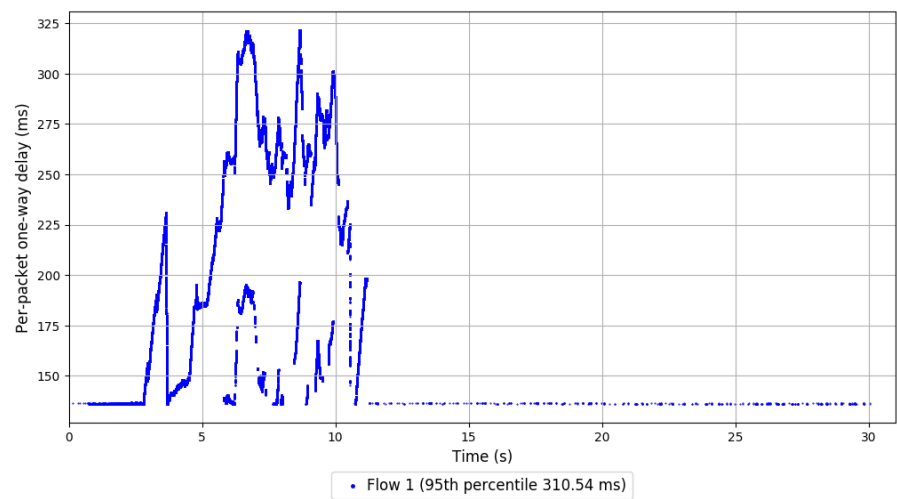
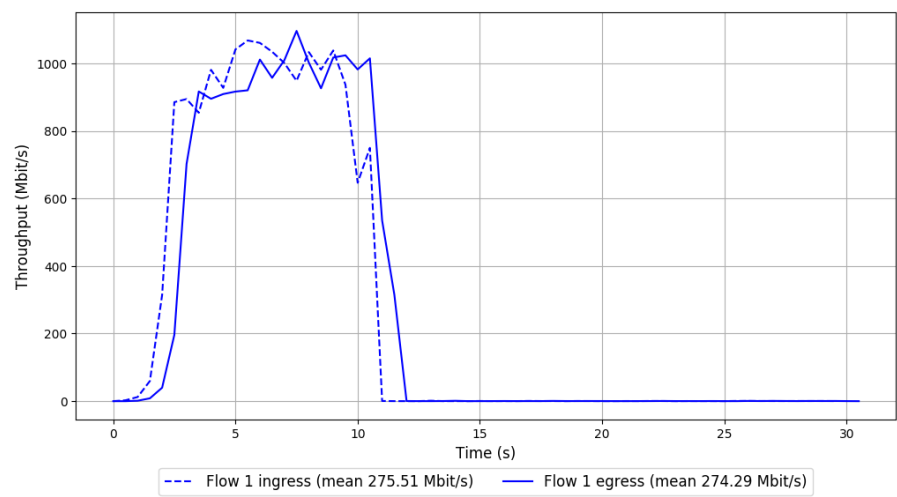


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-04 12:25:42
End at: 2018-07-04 12:26:12
Local clock offset: -0.229 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-04 15:09:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 274.29 Mbit/s
95th percentile per-packet one-way delay: 310.537 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 274.29 Mbit/s
95th percentile per-packet one-way delay: 310.537 ms
Loss rate: 0.44%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-04 12:48:35

End at: 2018-07-04 12:49:05

Local clock offset: -0.167 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 15:09:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 242.69 Mbit/s

95th percentile per-packet one-way delay: 334.906 ms

Loss rate: 3.05%

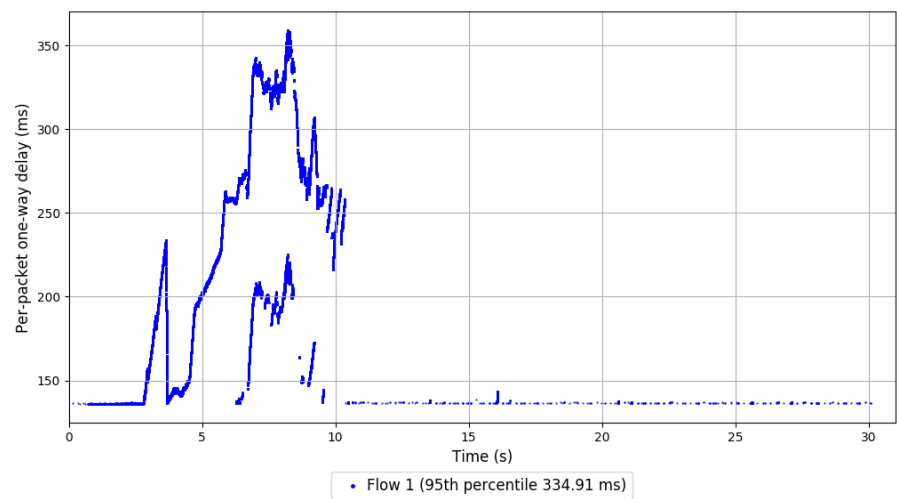
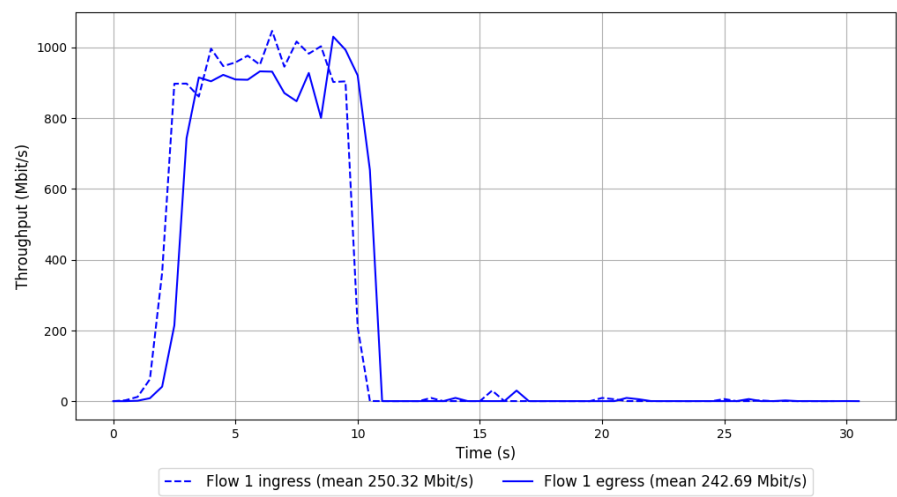
-- Flow 1:

Average throughput: 242.69 Mbit/s

95th percentile per-packet one-way delay: 334.906 ms

Loss rate: 3.05%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-04 13:11:04

End at: 2018-07-04 13:11:34

Local clock offset: 0.013 ms

Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-04 15:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 757.13 Mbit/s

95th percentile per-packet one-way delay: 327.479 ms

Loss rate: 5.39%

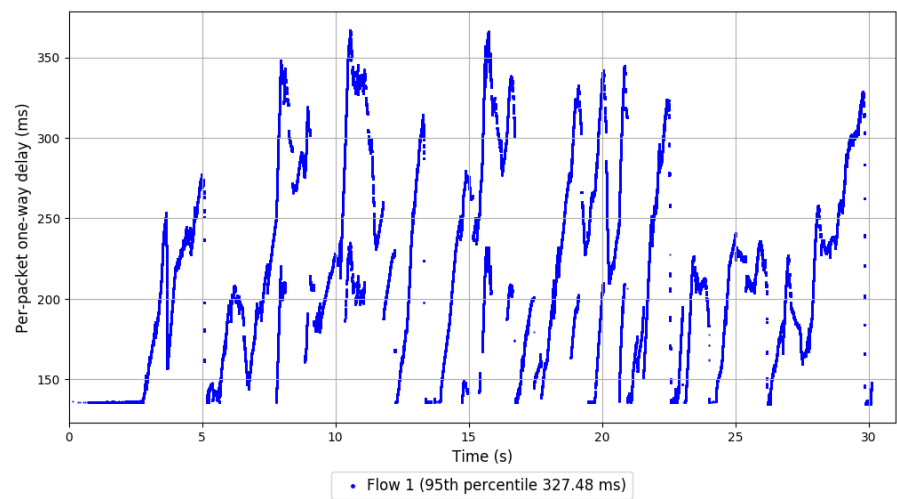
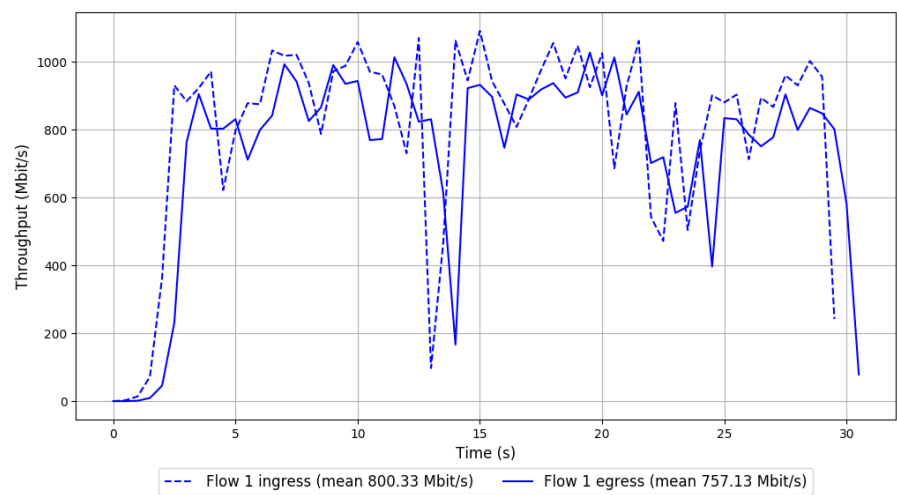
-- Flow 1:

Average throughput: 757.13 Mbit/s

95th percentile per-packet one-way delay: 327.479 ms

Loss rate: 5.39%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-07-04 13:34:03

End at: 2018-07-04 13:34:33

Local clock offset: 0.01 ms

Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-07-04 15:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 313.49 Mbit/s

95th percentile per-packet one-way delay: 347.753 ms

Loss rate: 4.43%

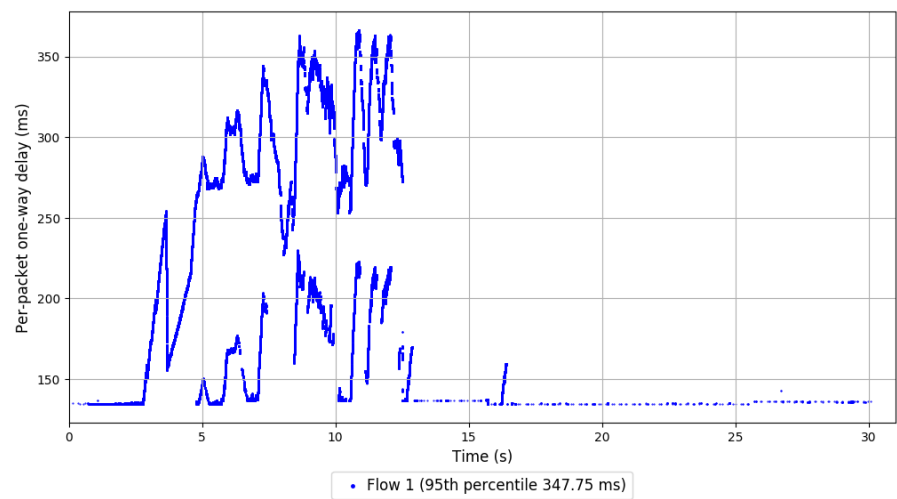
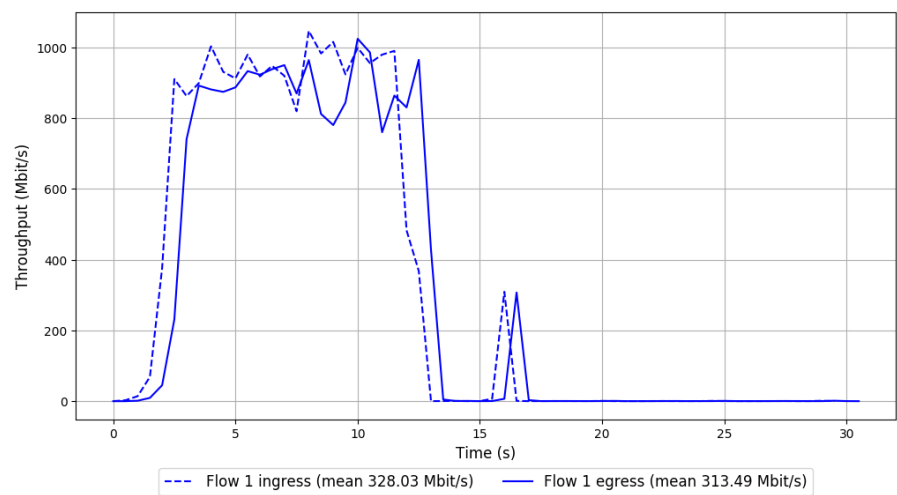
-- Flow 1:

Average throughput: 313.49 Mbit/s

95th percentile per-packet one-way delay: 347.753 ms

Loss rate: 4.43%

Run 9: Report of FillP-Sheep — Data Link

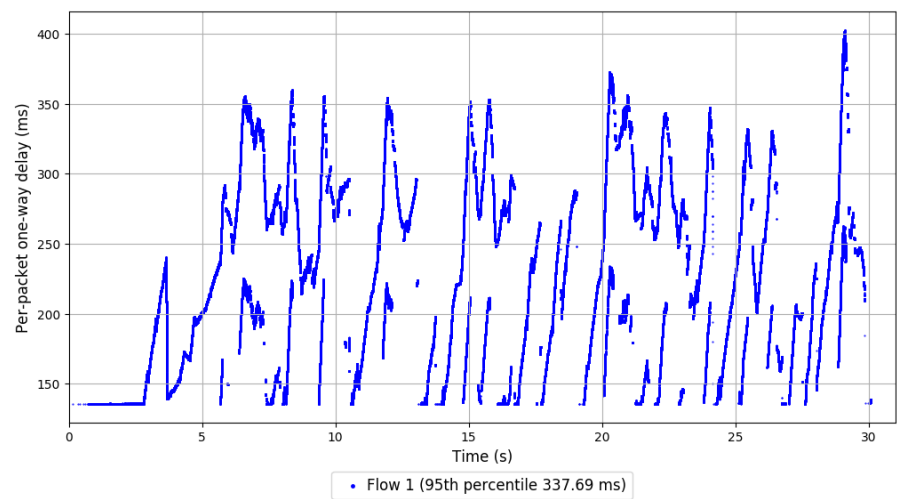
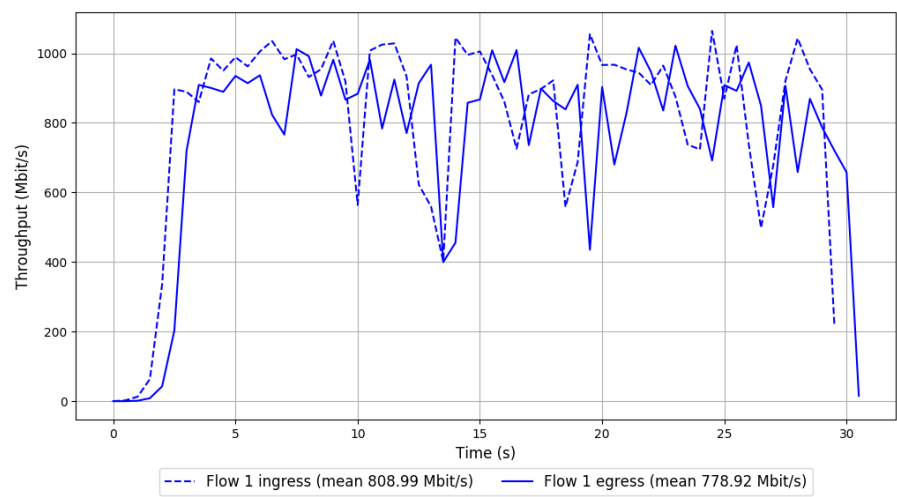


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-04 13:56:59
End at: 2018-07-04 13:57:29
Local clock offset: 0.032 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 778.92 Mbit/s
95th percentile per-packet one-way delay: 337.688 ms
Loss rate: 3.71%
-- Flow 1:
Average throughput: 778.92 Mbit/s
95th percentile per-packet one-way delay: 337.688 ms
Loss rate: 3.71%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-04 10:34:44

End at: 2018-07-04 10:35:14

Local clock offset: 0.026 ms

Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 15:21:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.99 Mbit/s

95th percentile per-packet one-way delay: 136.419 ms

Loss rate: 0.00%

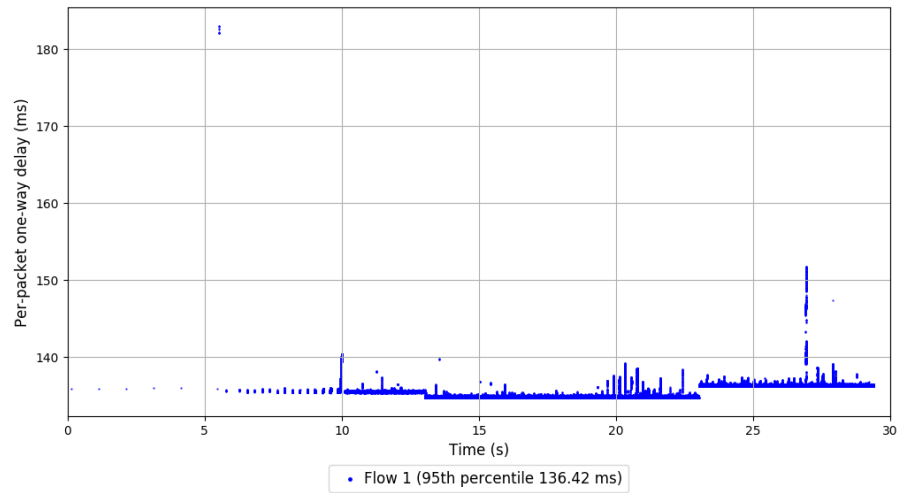
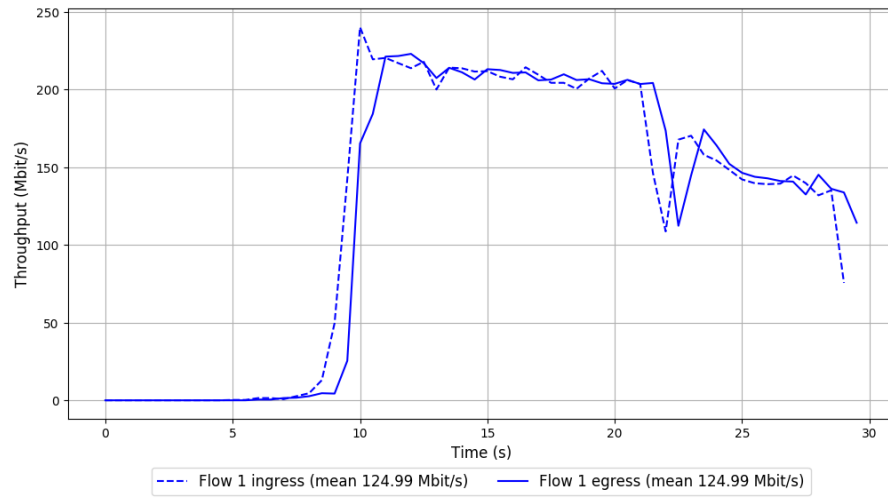
-- Flow 1:

Average throughput: 124.99 Mbit/s

95th percentile per-packet one-way delay: 136.419 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

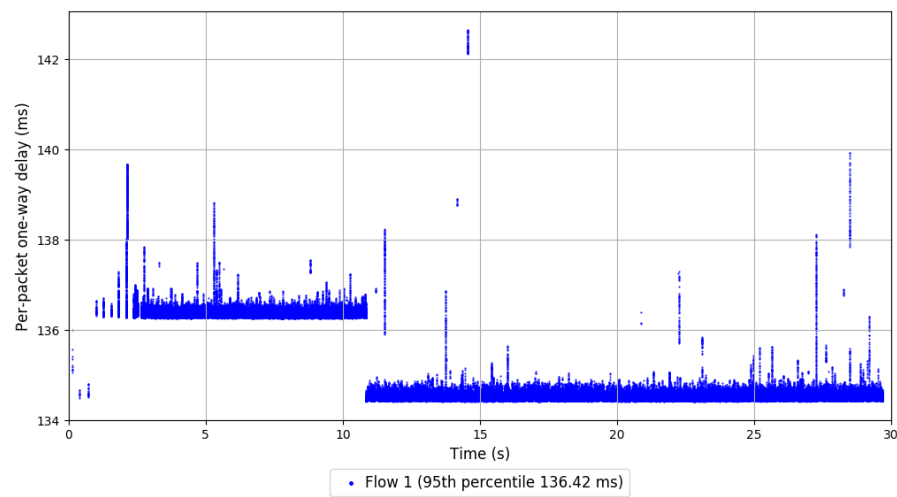
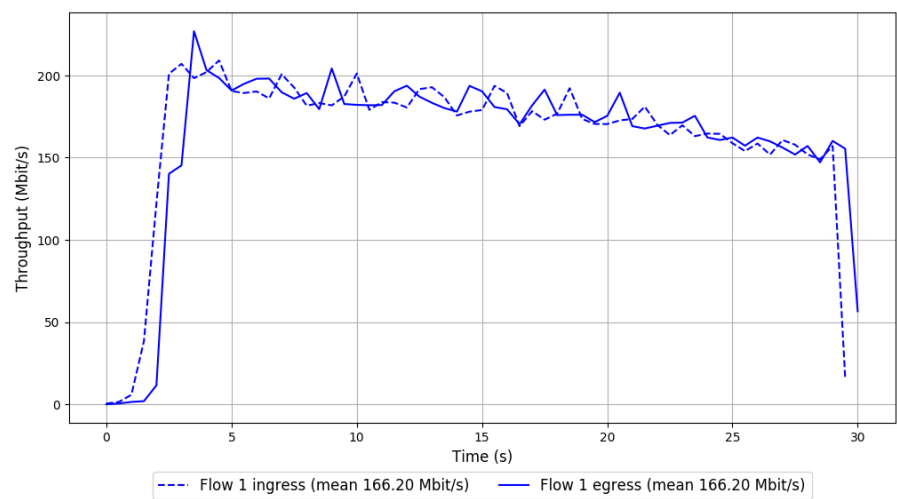


Run 2: Statistics of Indigo

Start at: 2018-07-04 10:57:37
End at: 2018-07-04 10:58:07
Local clock offset: -0.004 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 166.20 Mbit/s
95th percentile per-packet one-way delay: 136.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 166.20 Mbit/s
95th percentile per-packet one-way delay: 136.423 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

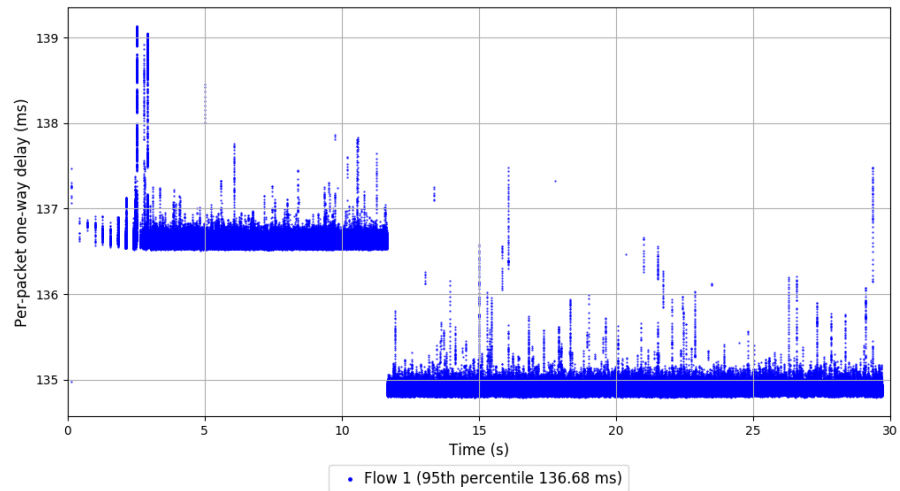
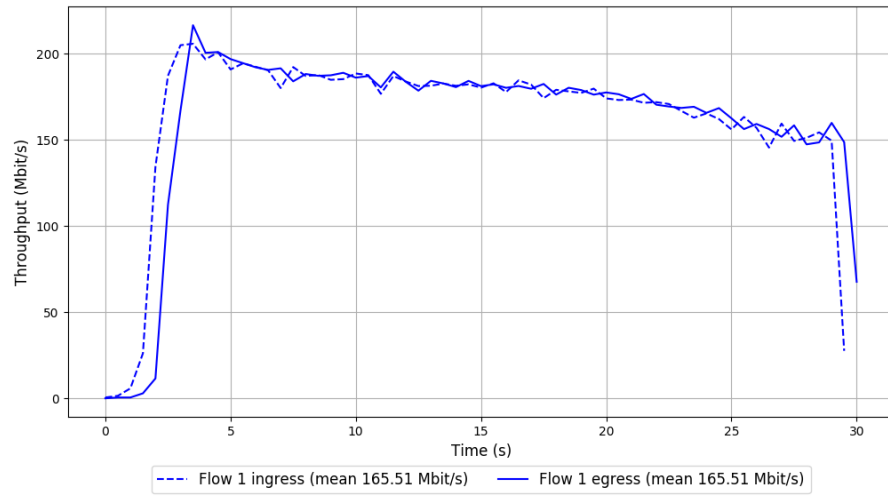


Run 3: Statistics of Indigo

Start at: 2018-07-04 11:20:56
End at: 2018-07-04 11:21:26
Local clock offset: -0.146 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 165.51 Mbit/s
95th percentile per-packet one-way delay: 136.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 165.51 Mbit/s
95th percentile per-packet one-way delay: 136.676 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

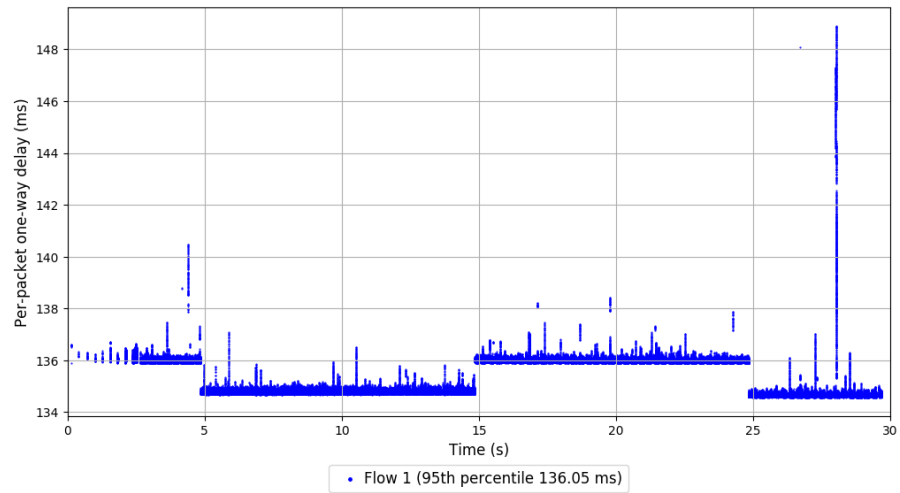
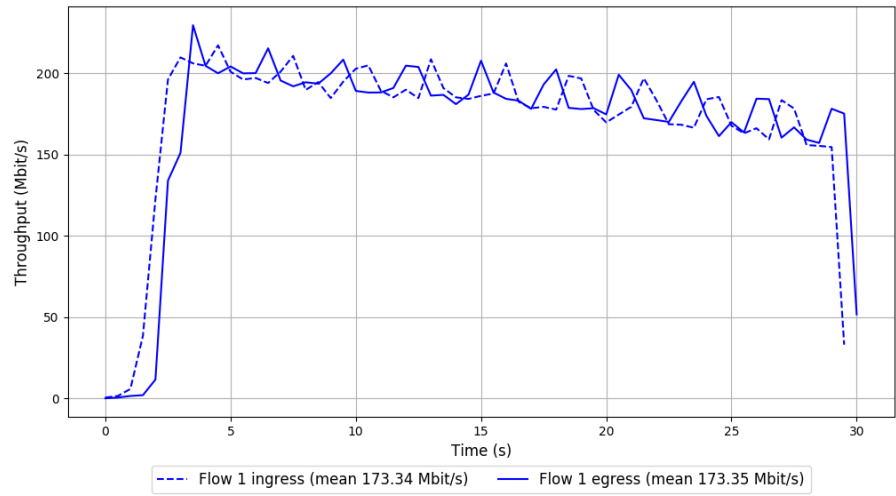


Run 4: Statistics of Indigo

Start at: 2018-07-04 11:43:23
End at: 2018-07-04 11:43:53
Local clock offset: -0.047 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 173.35 Mbit/s
95th percentile per-packet one-way delay: 136.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 173.35 Mbit/s
95th percentile per-packet one-way delay: 136.051 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

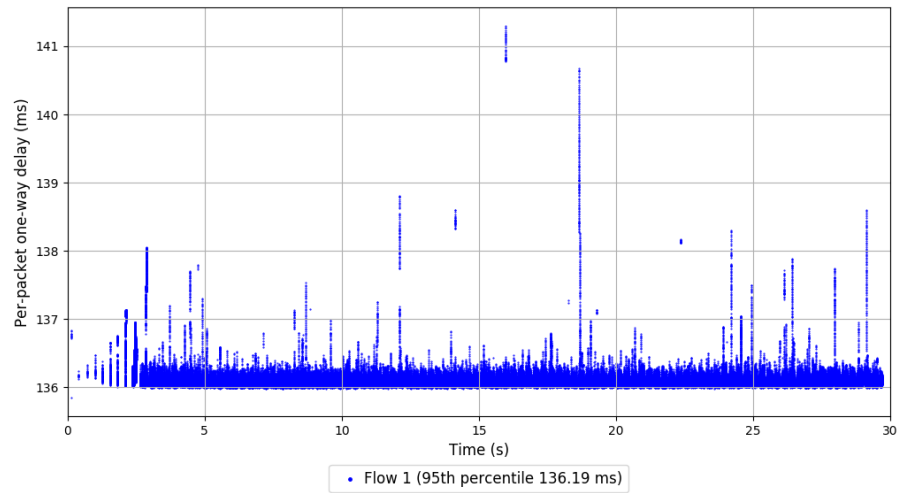
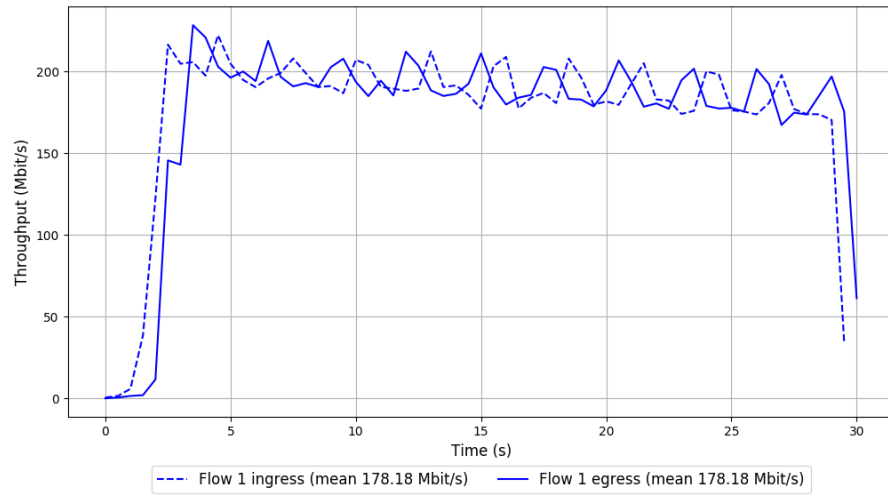


Run 5: Statistics of Indigo

Start at: 2018-07-04 12:06:23
End at: 2018-07-04 12:06:53
Local clock offset: -0.193 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 178.18 Mbit/s
95th percentile per-packet one-way delay: 136.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 178.18 Mbit/s
95th percentile per-packet one-way delay: 136.189 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

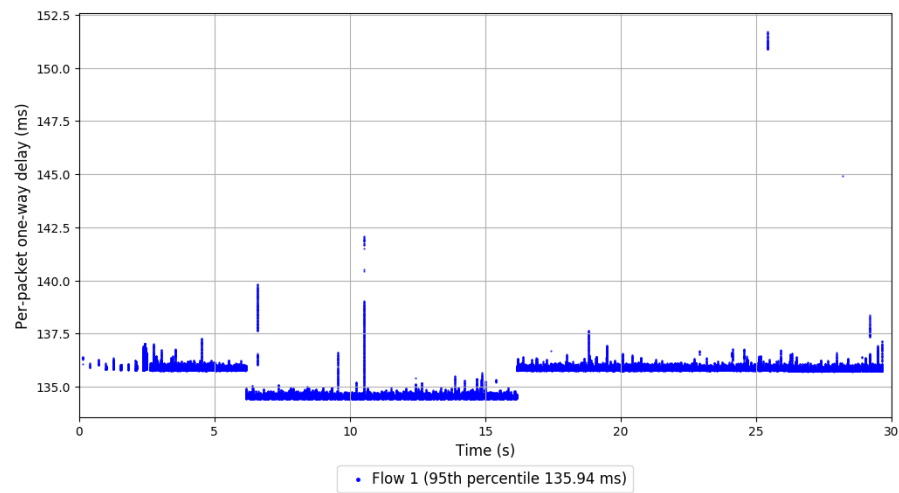
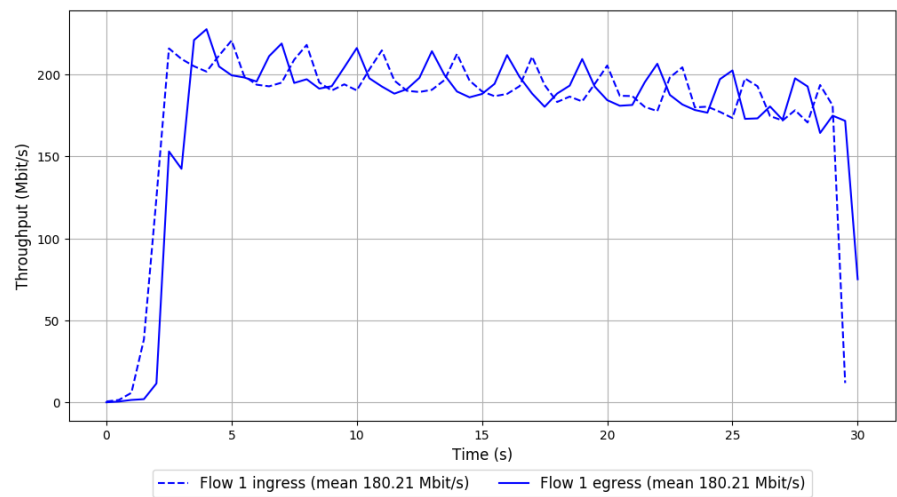


Run 6: Statistics of Indigo

Start at: 2018-07-04 12:29:22
End at: 2018-07-04 12:29:52
Local clock offset: 0.058 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 180.21 Mbit/s
95th percentile per-packet one-way delay: 135.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 180.21 Mbit/s
95th percentile per-packet one-way delay: 135.939 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

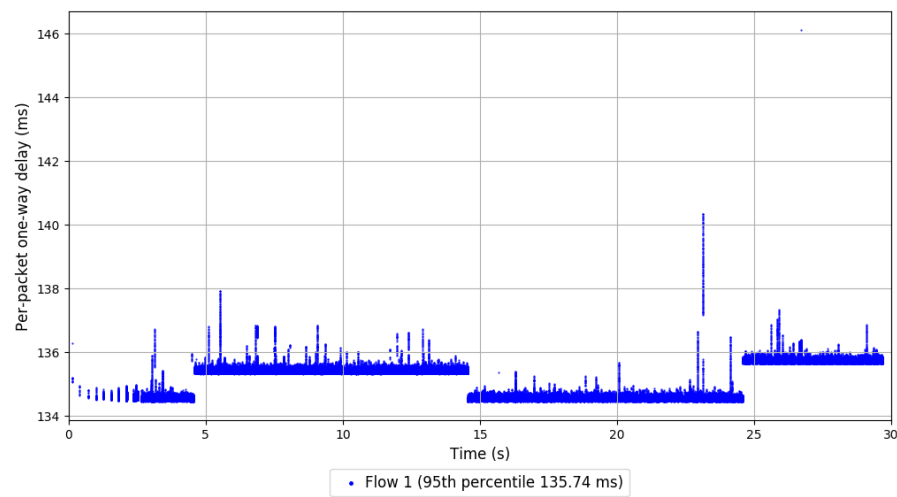
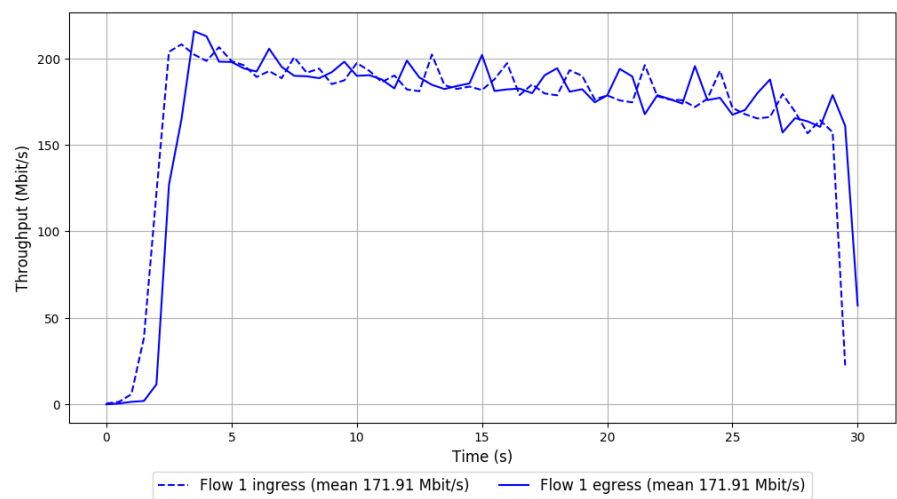


Run 7: Statistics of Indigo

Start at: 2018-07-04 12:52:13
End at: 2018-07-04 12:52:43
Local clock offset: 0.083 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 171.91 Mbit/s
95th percentile per-packet one-way delay: 135.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.91 Mbit/s
95th percentile per-packet one-way delay: 135.741 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

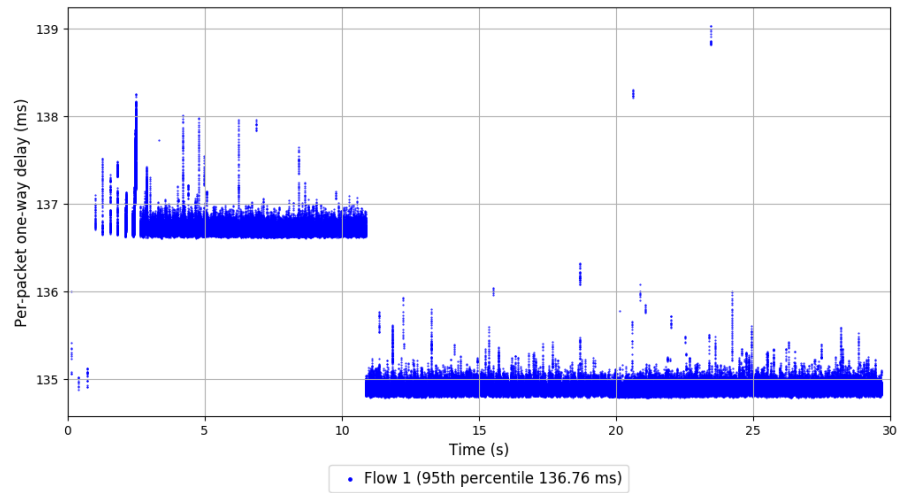
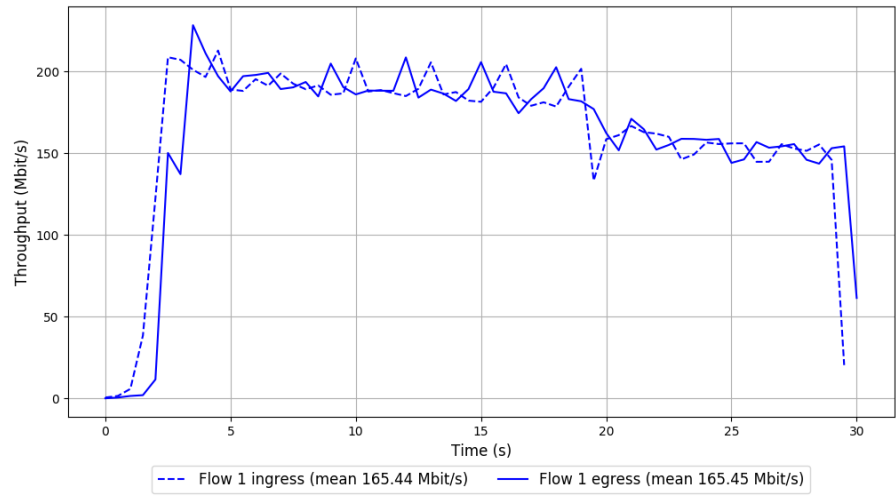


Run 8: Statistics of Indigo

Start at: 2018-07-04 13:15:07
End at: 2018-07-04 13:15:37
Local clock offset: -0.229 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 165.45 Mbit/s
95th percentile per-packet one-way delay: 136.764 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 165.45 Mbit/s
95th percentile per-packet one-way delay: 136.764 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

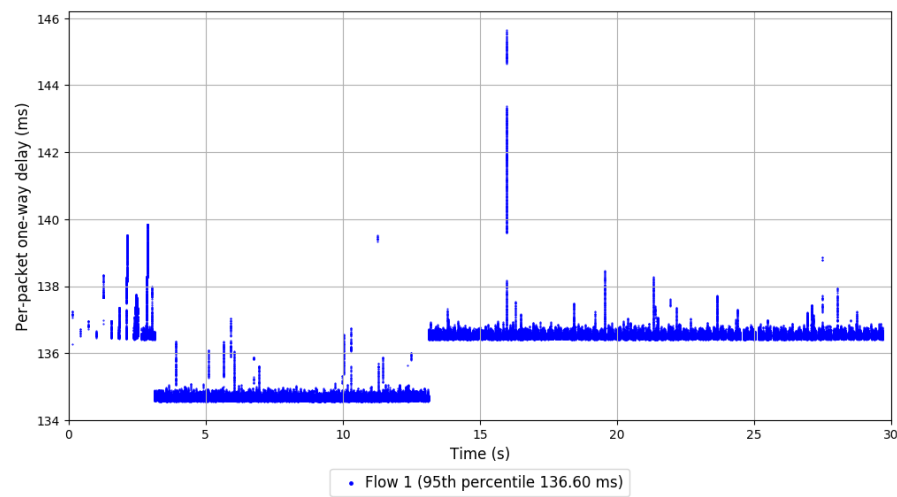
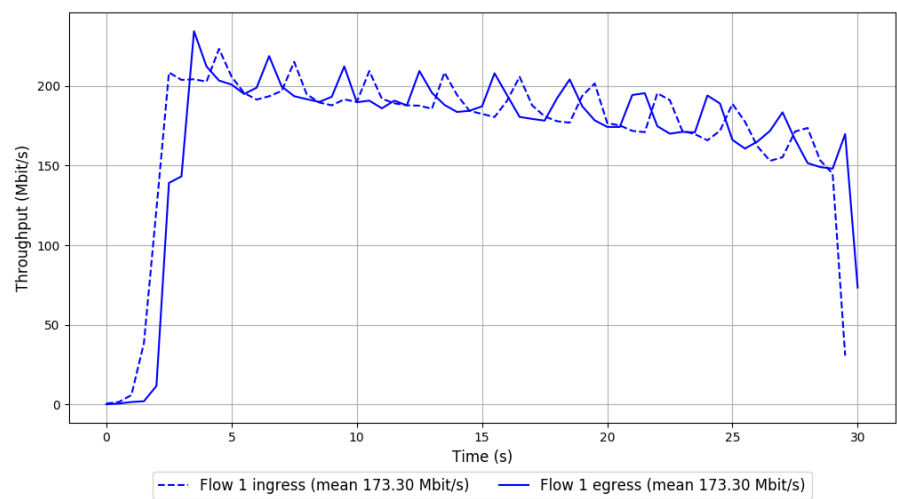


Run 9: Statistics of Indigo

Start at: 2018-07-04 13:37:45
End at: 2018-07-04 13:38:15
Local clock offset: -0.111 ms
Remote clock offset: -0.274 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 173.30 Mbit/s
95th percentile per-packet one-way delay: 136.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 173.30 Mbit/s
95th percentile per-packet one-way delay: 136.602 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-04 14:01:03

End at: 2018-07-04 14:01:33

Local clock offset: -0.246 ms

Remote clock offset: -0.191 ms

Below is generated by plot.py at 2018-07-04 15:21:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.58 Mbit/s

95th percentile per-packet one-way delay: 136.189 ms

Loss rate: 0.00%

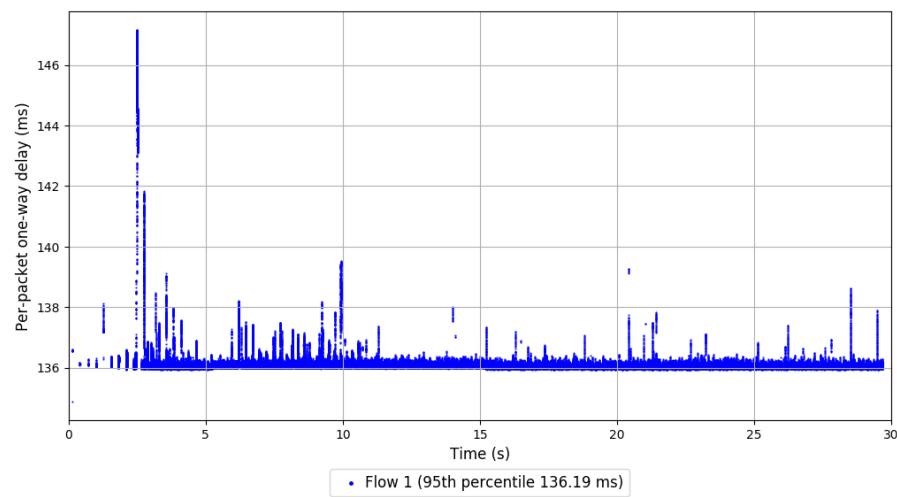
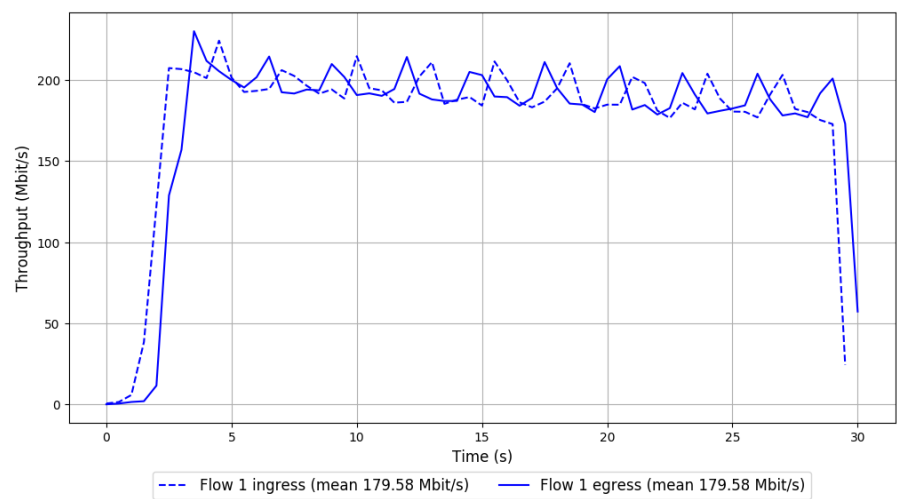
-- Flow 1:

Average throughput: 179.58 Mbit/s

95th percentile per-packet one-way delay: 136.189 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

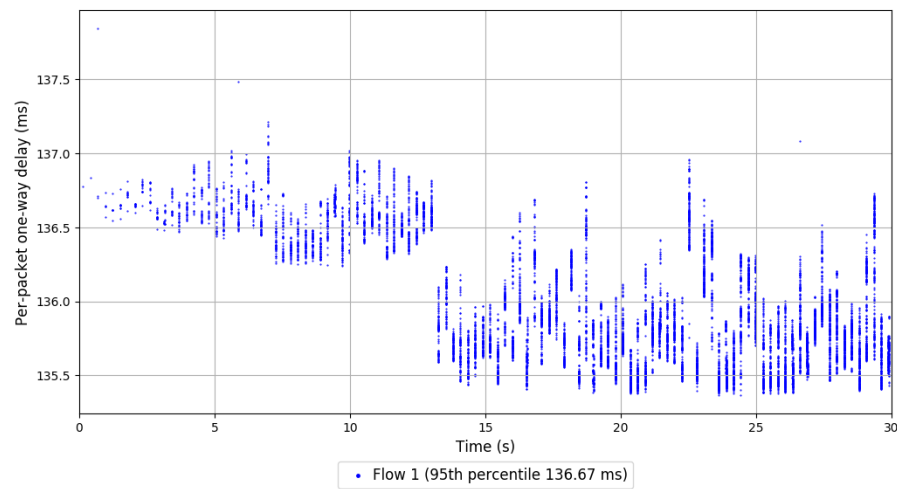
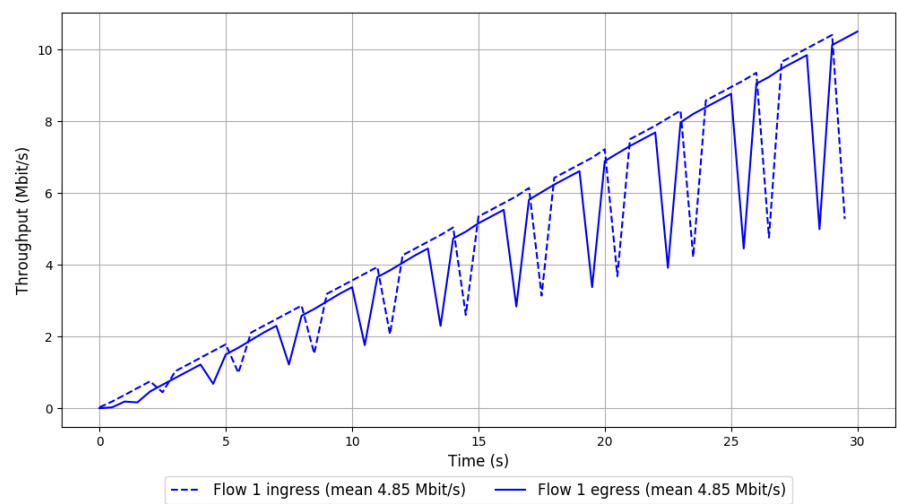


Run 1: Statistics of LEDBAT

Start at: 2018-07-04 10:33:35
End at: 2018-07-04 10:34:05
Local clock offset: 0.042 ms
Remote clock offset: -0.244 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 136.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 136.669 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

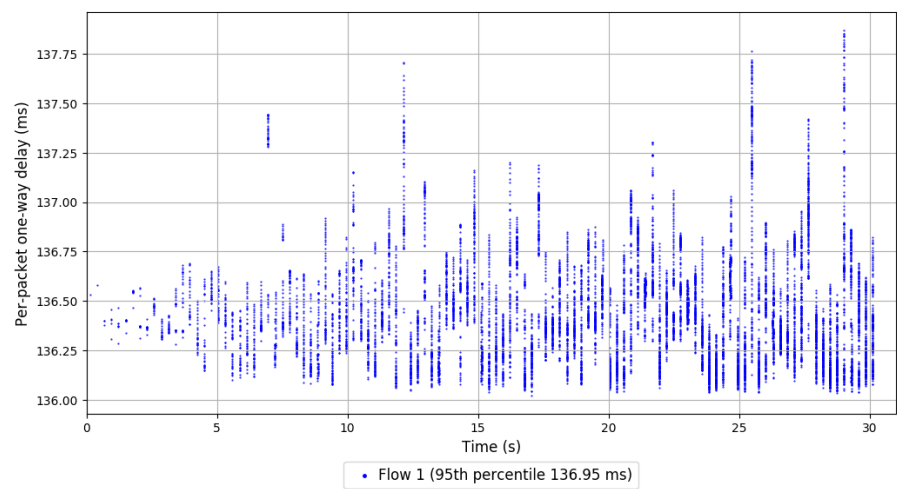
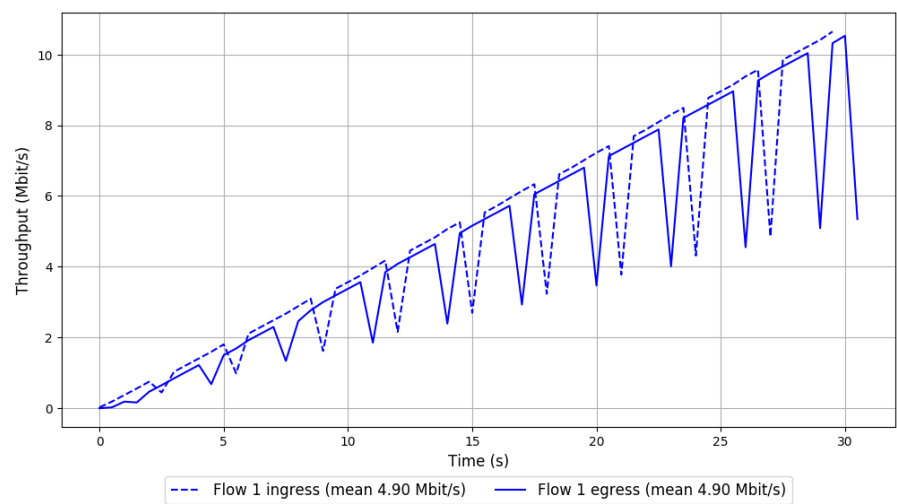


Run 2: Statistics of LEDBAT

Start at: 2018-07-04 10:56:28
End at: 2018-07-04 10:56:58
Local clock offset: -0.235 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.946 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

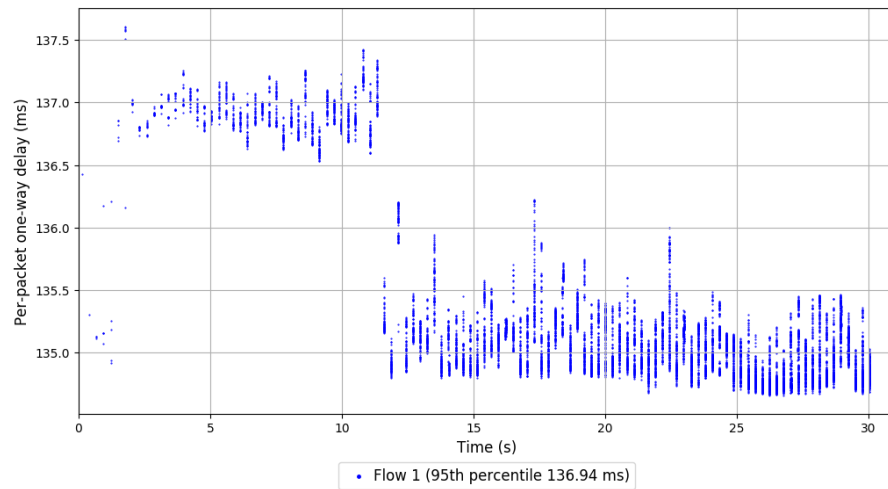
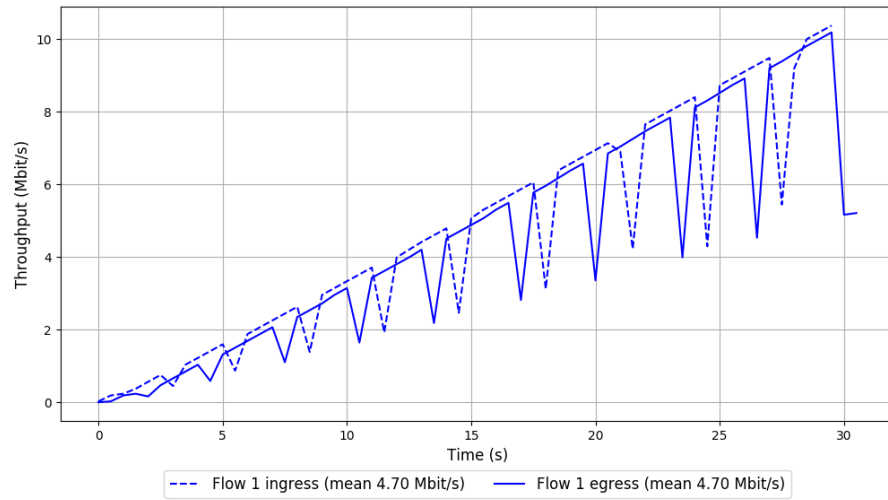


Run 3: Statistics of LEDBAT

Start at: 2018-07-04 11:19:47
End at: 2018-07-04 11:20:17
Local clock offset: -0.144 ms
Remote clock offset: -0.227 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 136.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 136.945 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

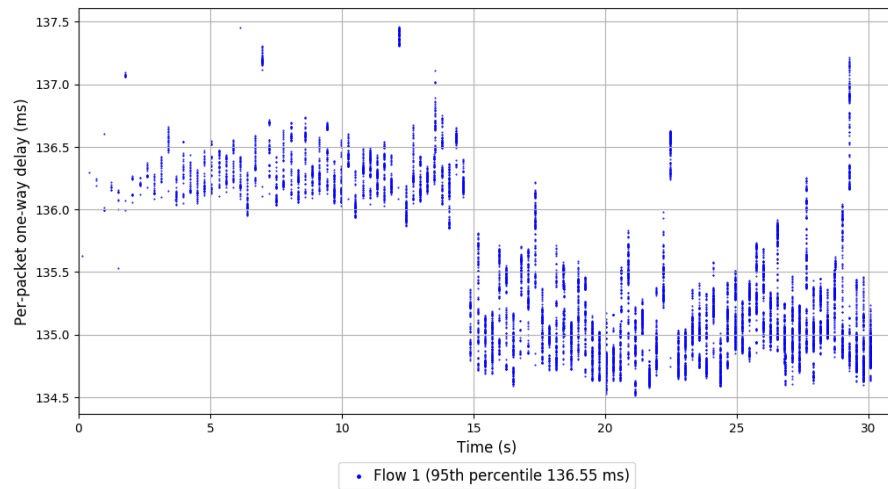
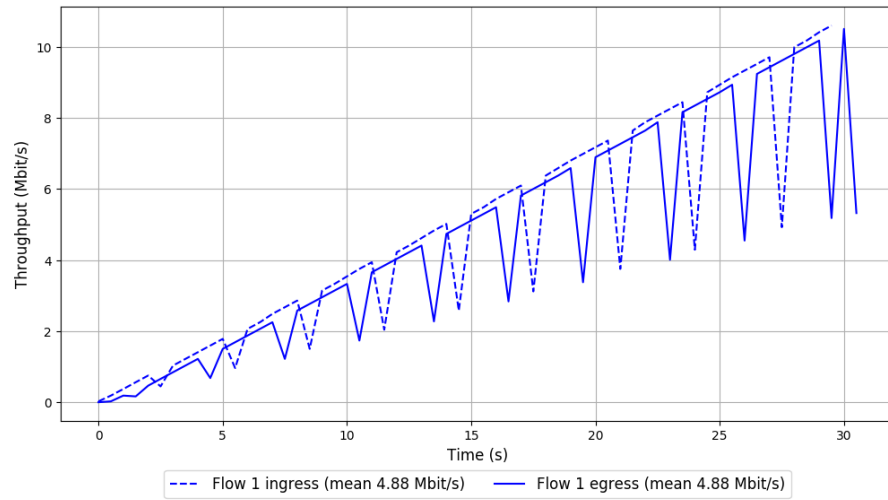


Run 4: Statistics of LEDBAT

Start at: 2018-07-04 11:42:13
End at: 2018-07-04 11:42:43
Local clock offset: 0.057 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 136.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 136.548 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

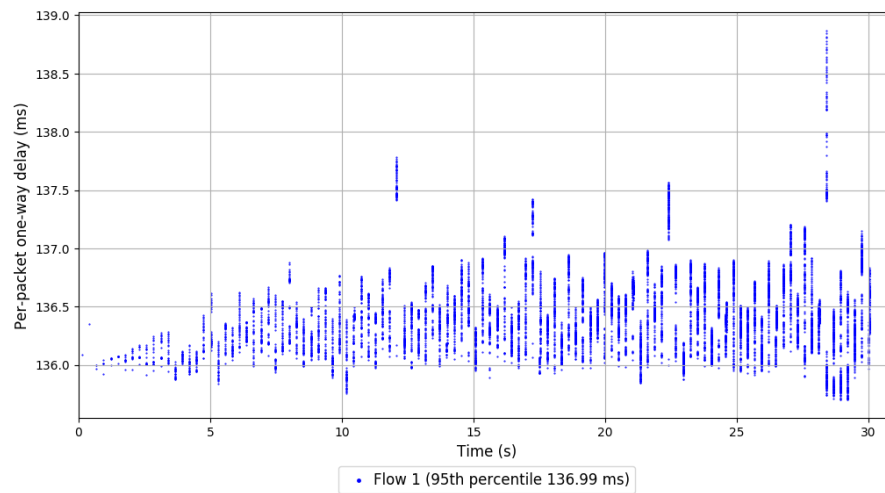
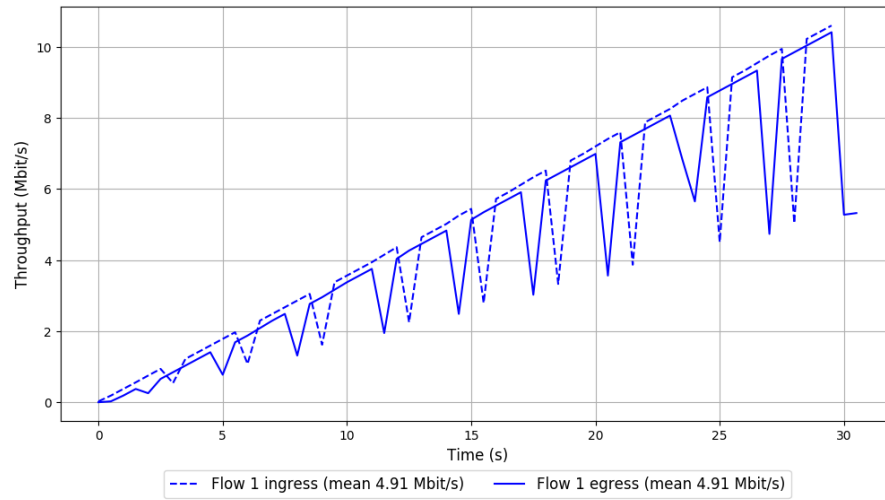


Run 5: Statistics of LEDBAT

Start at: 2018-07-04 12:05:14
End at: 2018-07-04 12:05:44
Local clock offset: 0.125 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 136.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 136.991 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

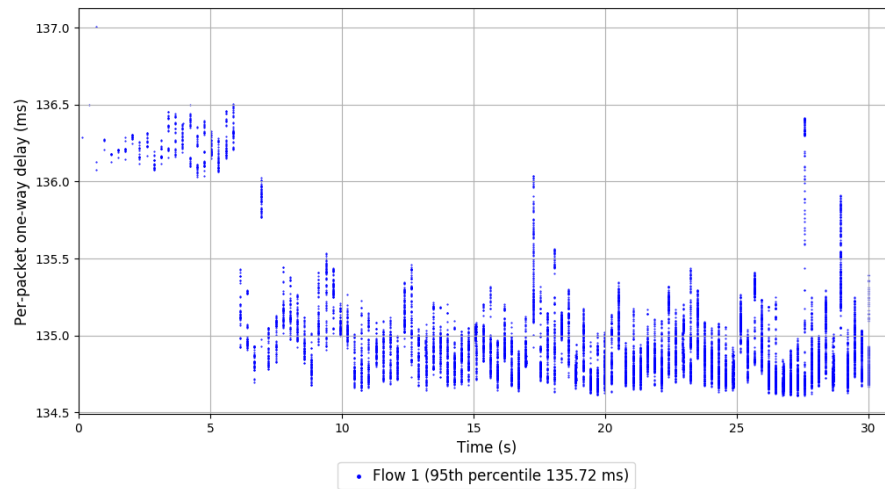
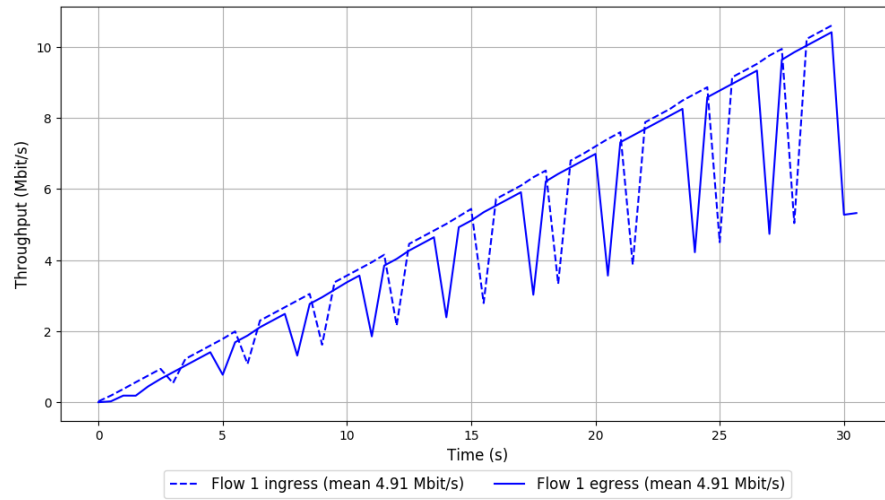


Run 6: Statistics of LEDBAT

Start at: 2018-07-04 12:28:12
End at: 2018-07-04 12:28:42
Local clock offset: -0.095 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 135.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 135.724 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

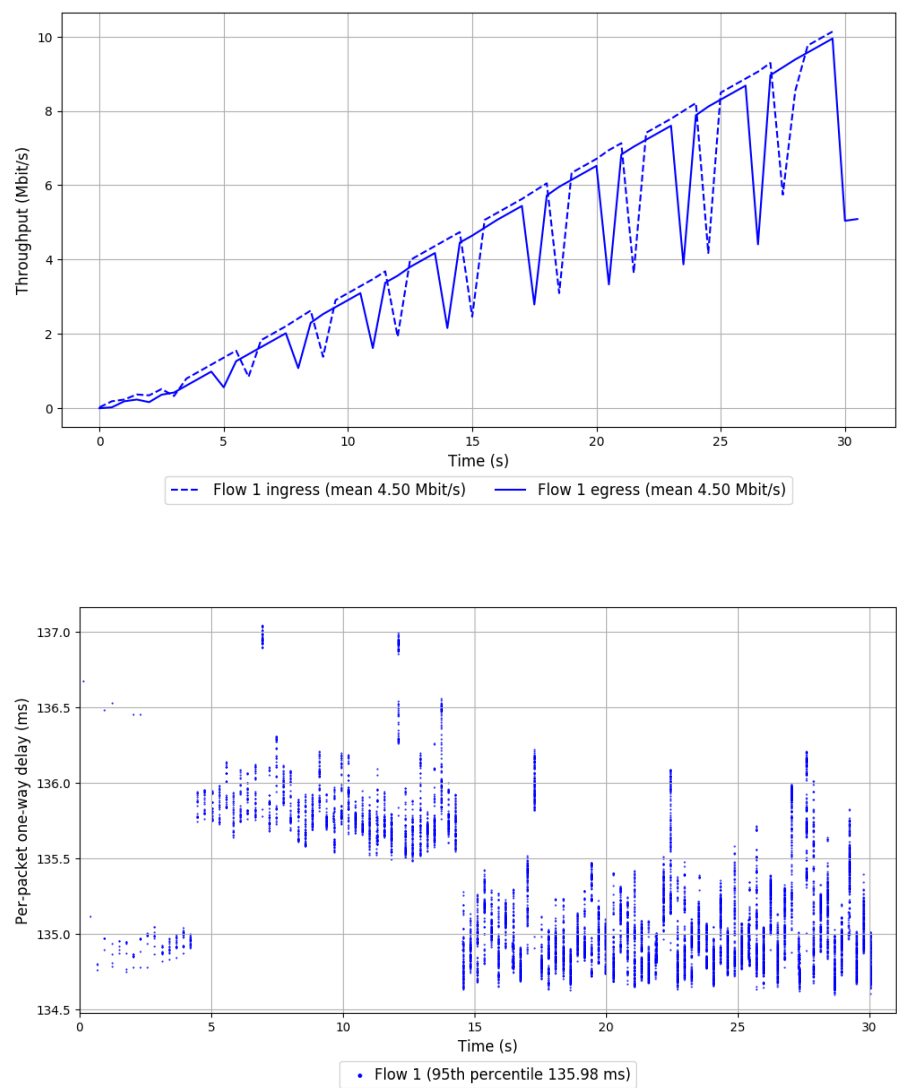


Run 7: Statistics of LEDBAT

Start at: 2018-07-04 12:51:04
End at: 2018-07-04 12:51:34
Local clock offset: -0.033 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 135.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 135.976 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

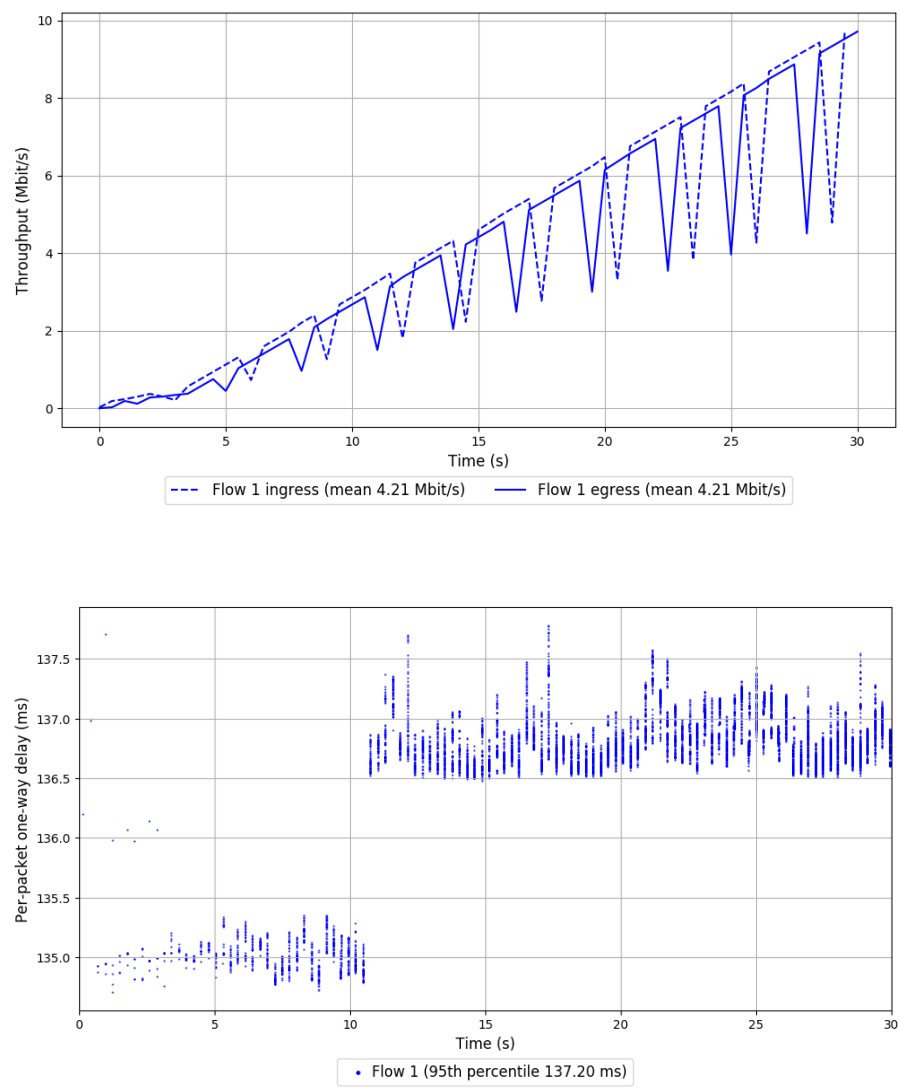


Run 8: Statistics of LEDBAT

Start at: 2018-07-04 13:13:58
End at: 2018-07-04 13:14:28
Local clock offset: -0.096 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 137.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 137.201 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

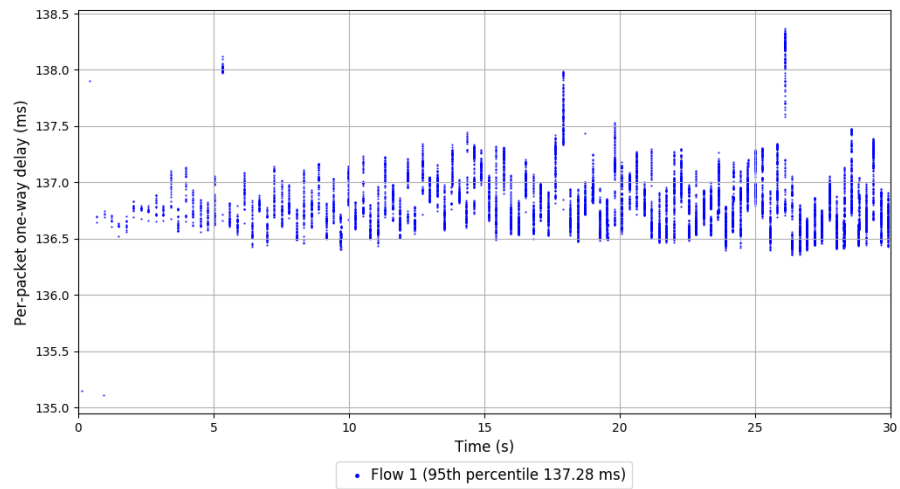
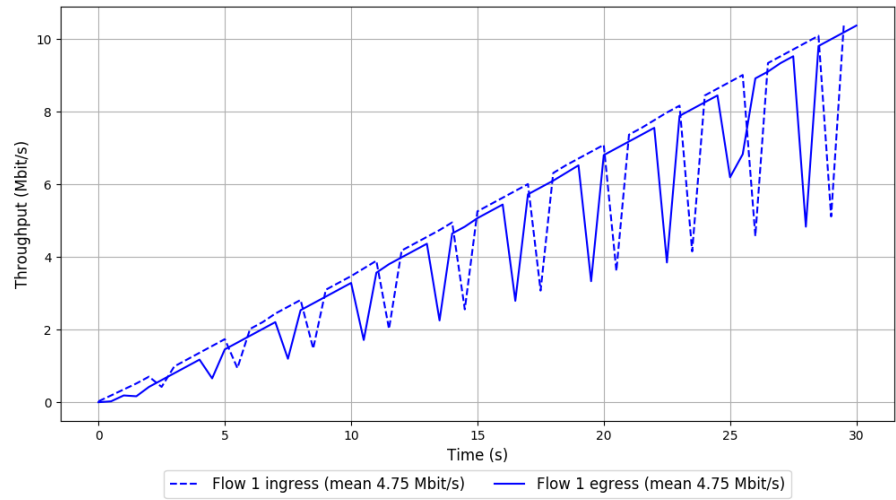


Run 9: Statistics of LEDBAT

Start at: 2018-07-04 13:36:35
End at: 2018-07-04 13:37:05
Local clock offset: -0.001 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 137.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 137.279 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

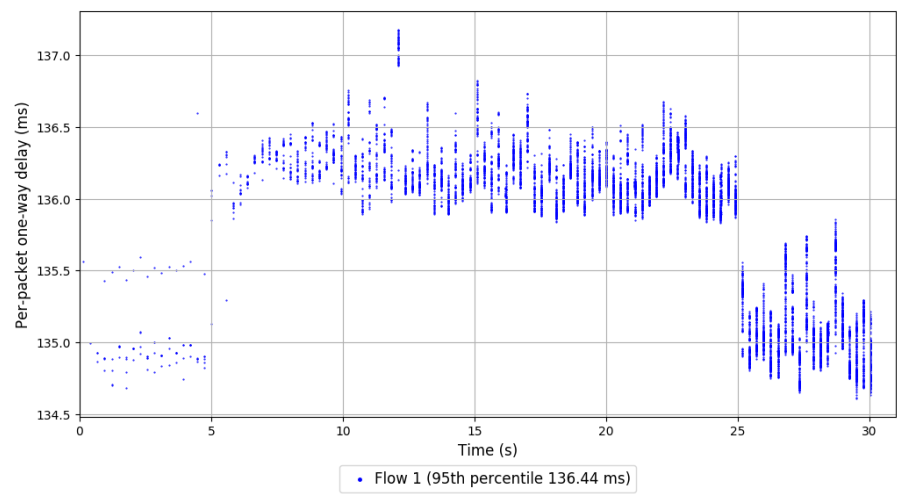
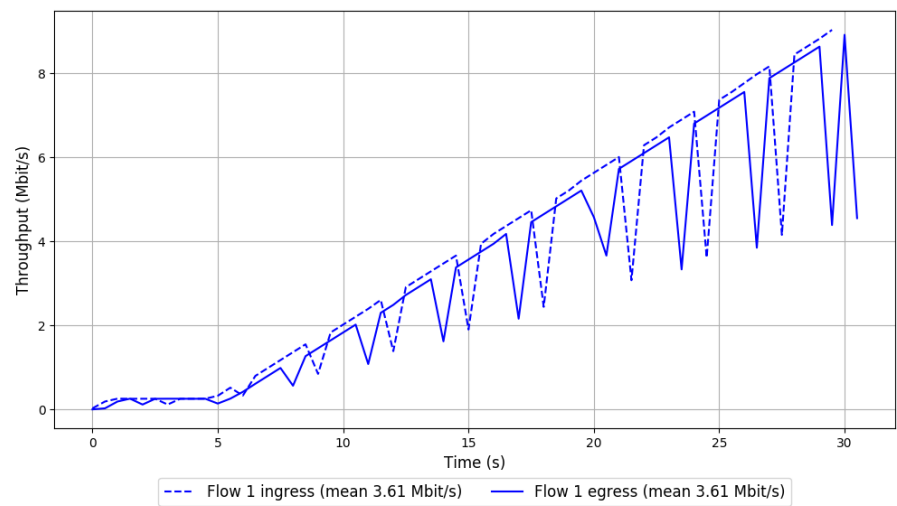


Run 10: Statistics of LEDBAT

Start at: 2018-07-04 13:59:53
End at: 2018-07-04 14:00:23
Local clock offset: -0.127 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-04 15:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 136.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 136.437 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-04 10:29:10

End at: 2018-07-04 10:29:40

Local clock offset: 0.02 ms

Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 15:21:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 512.90 Mbit/s

95th percentile per-packet one-way delay: 213.252 ms

Loss rate: 1.09%

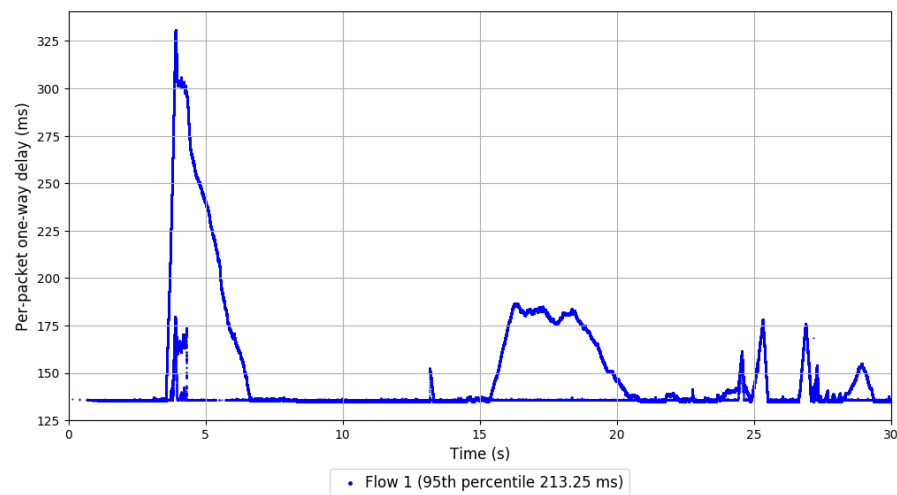
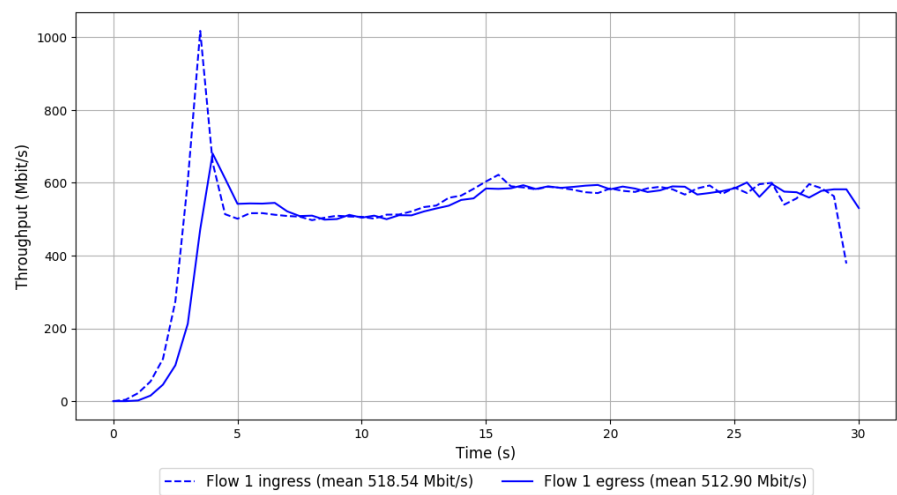
-- Flow 1:

Average throughput: 512.90 Mbit/s

95th percentile per-packet one-way delay: 213.252 ms

Loss rate: 1.09%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-04 10:52:05

End at: 2018-07-04 10:52:36

Local clock offset: 0.209 ms

Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 15:21:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 507.61 Mbit/s

95th percentile per-packet one-way delay: 259.980 ms

Loss rate: 1.73%

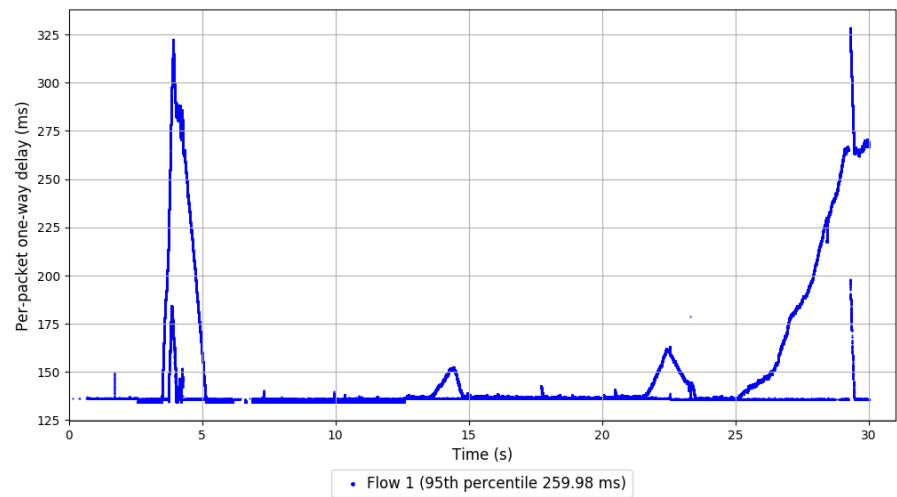
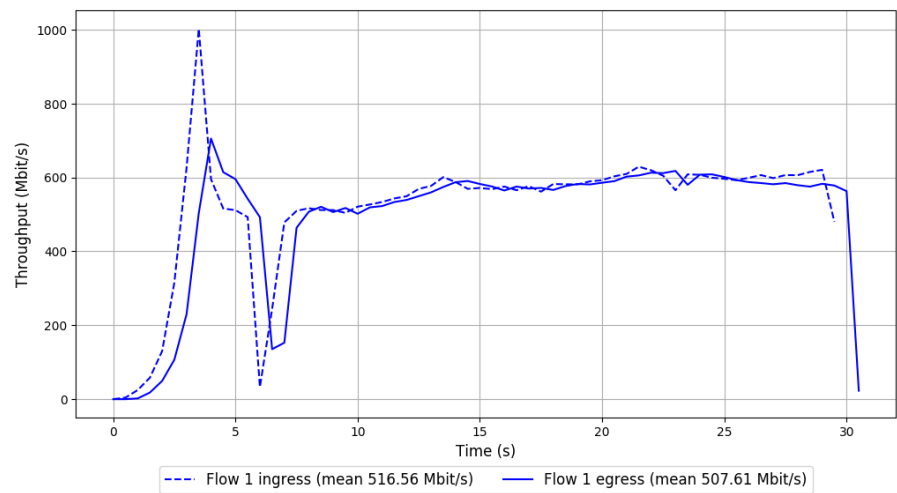
-- Flow 1:

Average throughput: 507.61 Mbit/s

95th percentile per-packet one-way delay: 259.980 ms

Loss rate: 1.73%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-04 11:15:23

End at: 2018-07-04 11:15:53

Local clock offset: 0.149 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 15:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 510.23 Mbit/s

95th percentile per-packet one-way delay: 205.348 ms

Loss rate: 1.25%

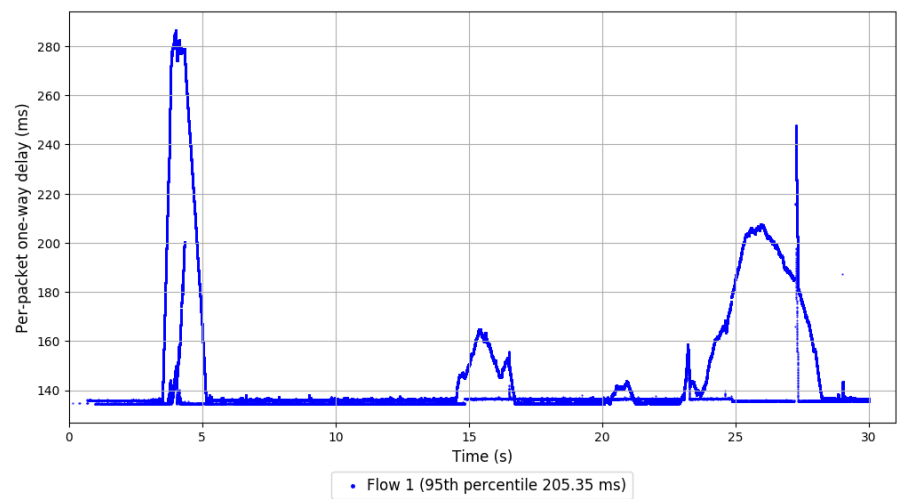
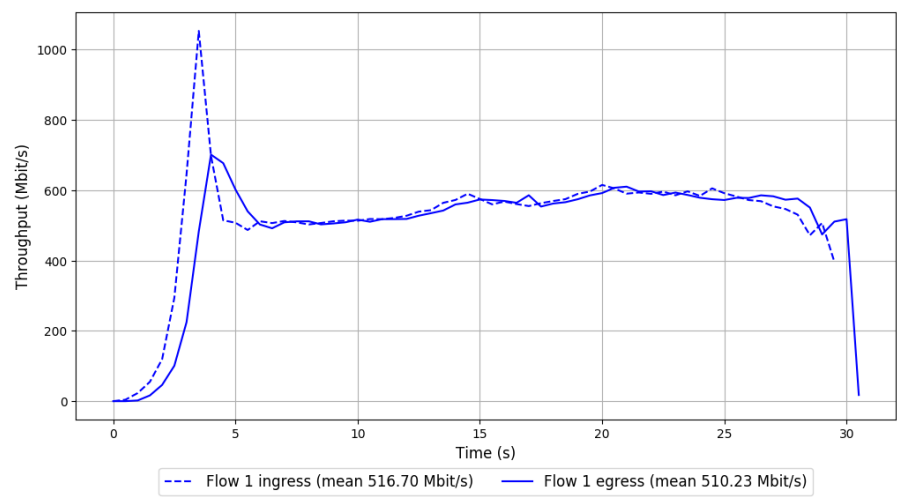
-- Flow 1:

Average throughput: 510.23 Mbit/s

95th percentile per-packet one-way delay: 205.348 ms

Loss rate: 1.25%

Run 3: Report of PCC-Allegro — Data Link

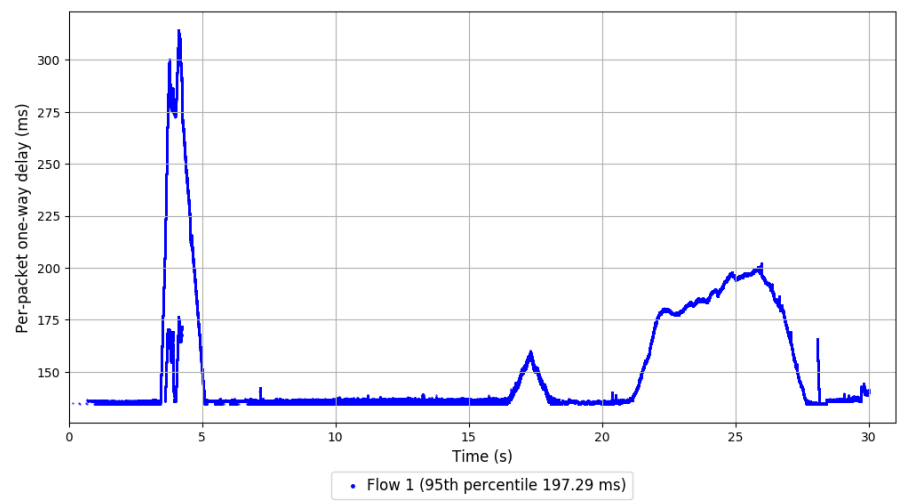
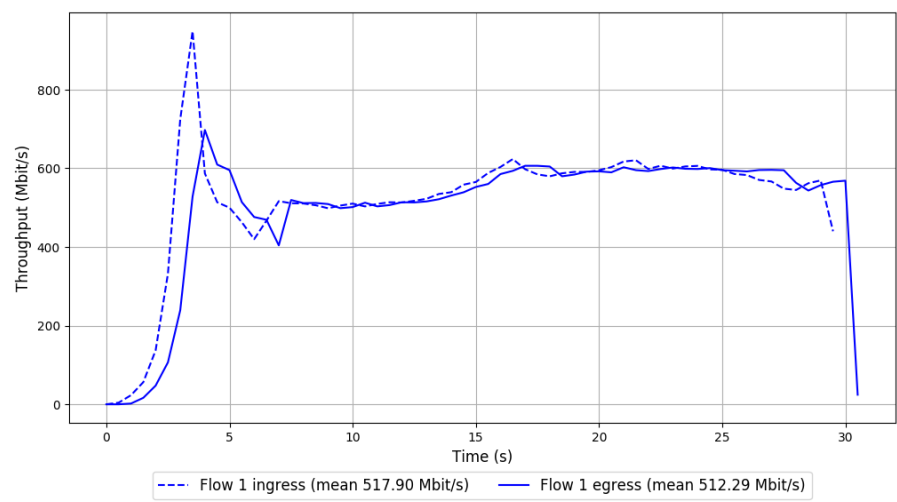


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-04 11:37:50
End at: 2018-07-04 11:38:20
Local clock offset: -0.051 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 15:22:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 512.29 Mbit/s
95th percentile per-packet one-way delay: 197.295 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 512.29 Mbit/s
95th percentile per-packet one-way delay: 197.295 ms
Loss rate: 1.07%

Run 4: Report of PCC-Allegro — Data Link

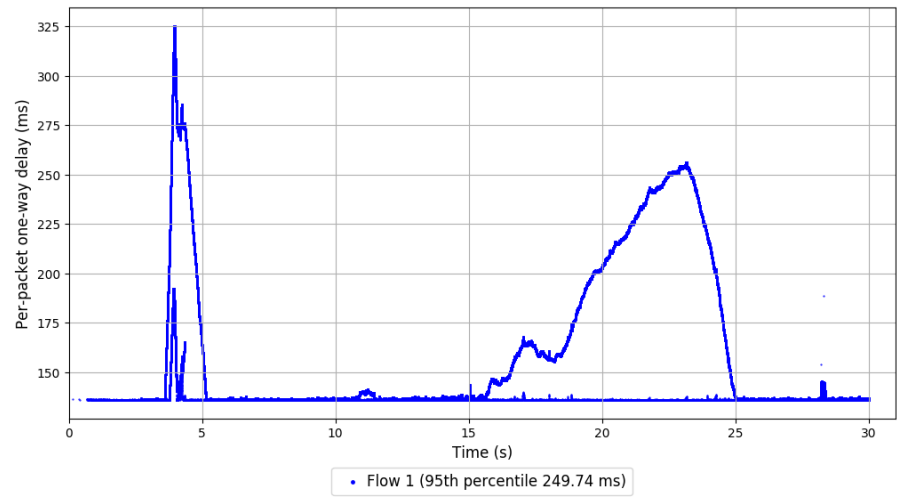
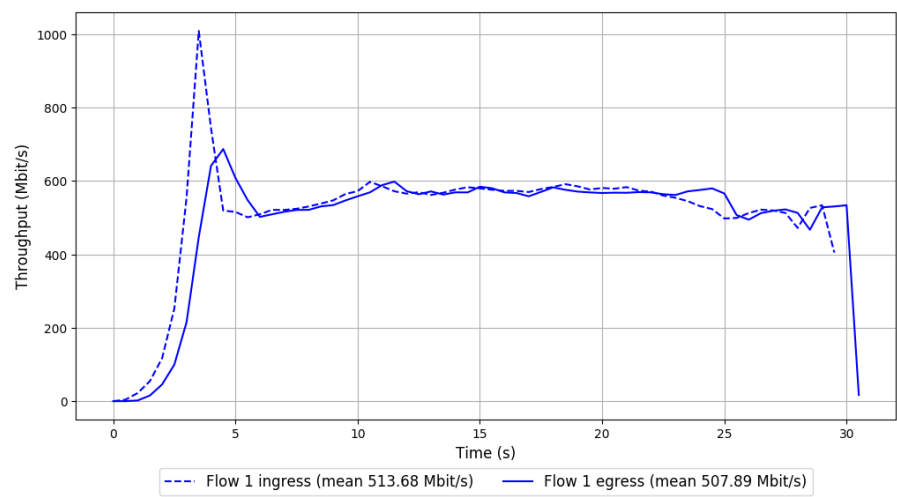


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-04 12:00:47
End at: 2018-07-04 12:01:17
Local clock offset: -0.204 ms
Remote clock offset: -0.227 ms

Below is generated by plot.py at 2018-07-04 15:22:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 507.89 Mbit/s
95th percentile per-packet one-way delay: 249.737 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 507.89 Mbit/s
95th percentile per-packet one-way delay: 249.737 ms
Loss rate: 1.13%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-04 12:24:11

End at: 2018-07-04 12:24:41

Local clock offset: 0.11 ms

Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 15:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 530.74 Mbit/s

95th percentile per-packet one-way delay: 165.688 ms

Loss rate: 1.06%

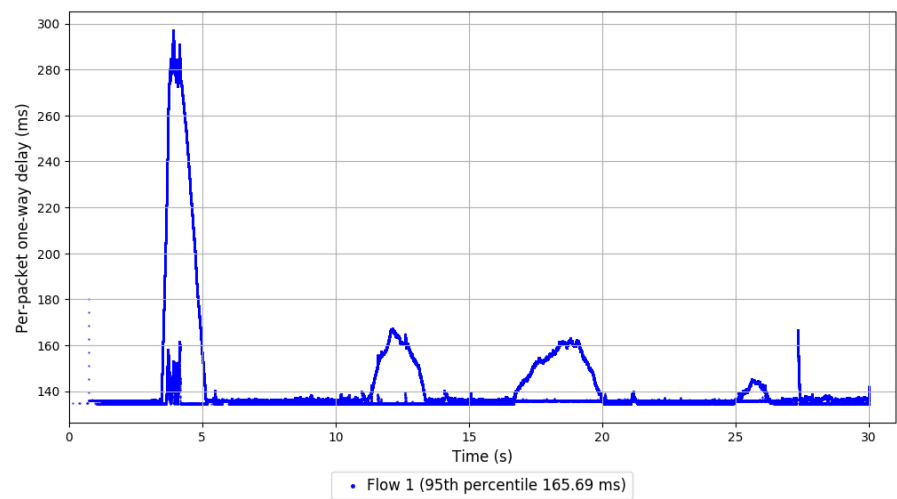
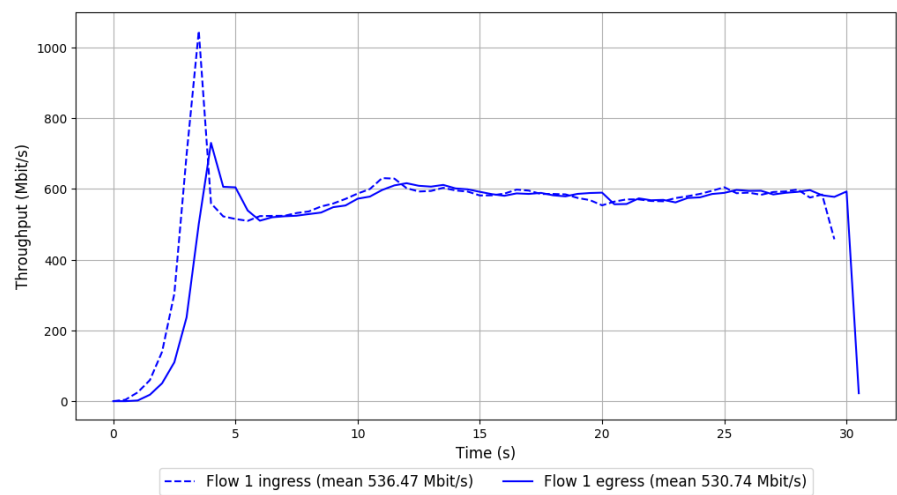
-- Flow 1:

Average throughput: 530.74 Mbit/s

95th percentile per-packet one-way delay: 165.688 ms

Loss rate: 1.06%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-04 12:47:05

End at: 2018-07-04 12:47:35

Local clock offset: 0.075 ms

Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 15:26:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 511.91 Mbit/s

95th percentile per-packet one-way delay: 184.341 ms

Loss rate: 1.25%

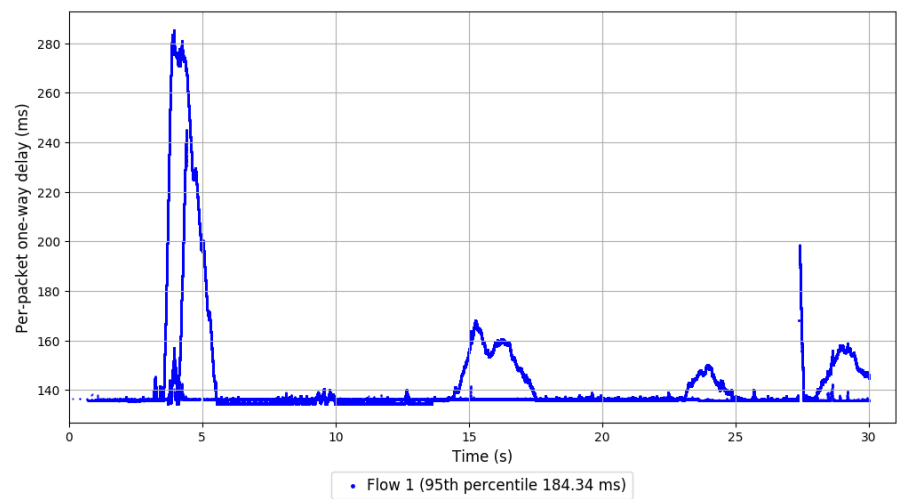
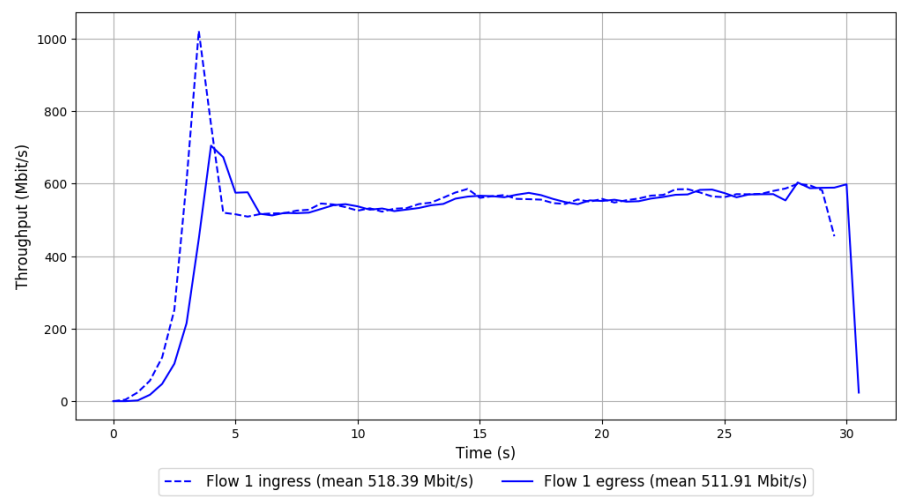
-- Flow 1:

Average throughput: 511.91 Mbit/s

95th percentile per-packet one-way delay: 184.341 ms

Loss rate: 1.25%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-04 13:09:33

End at: 2018-07-04 13:10:03

Local clock offset: -0.015 ms

Remote clock offset: -0.168 ms

Below is generated by plot.py at 2018-07-04 15:30:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 524.01 Mbit/s

95th percentile per-packet one-way delay: 201.704 ms

Loss rate: 1.31%

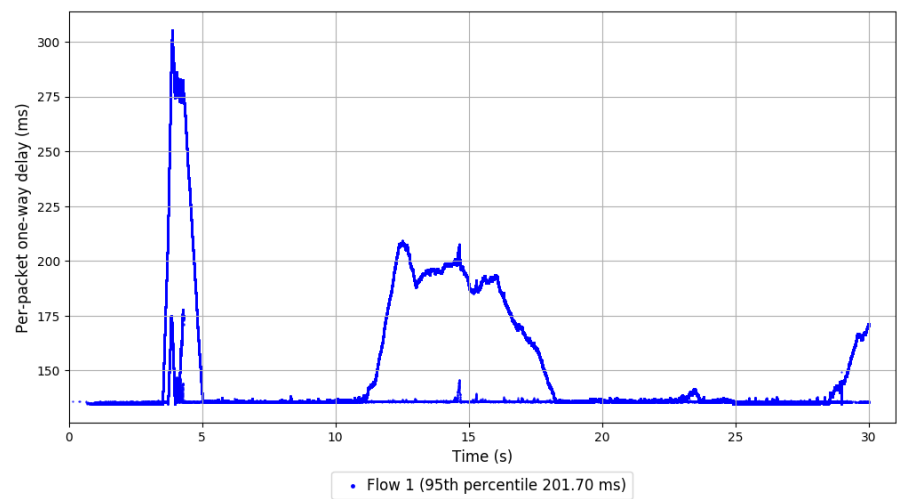
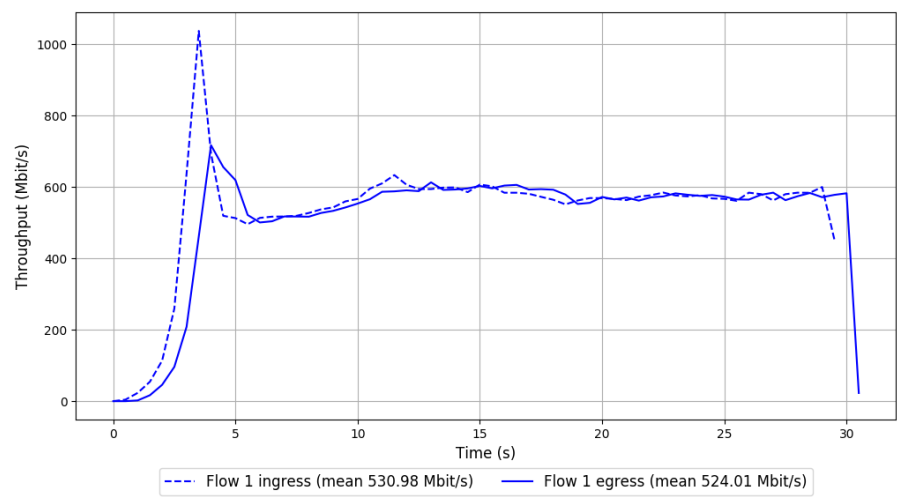
-- Flow 1:

Average throughput: 524.01 Mbit/s

95th percentile per-packet one-way delay: 201.704 ms

Loss rate: 1.31%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-04 13:32:32

End at: 2018-07-04 13:33:02

Local clock offset: 0.229 ms

Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-07-04 15:30:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 527.73 Mbit/s

95th percentile per-packet one-way delay: 207.891 ms

Loss rate: 1.17%

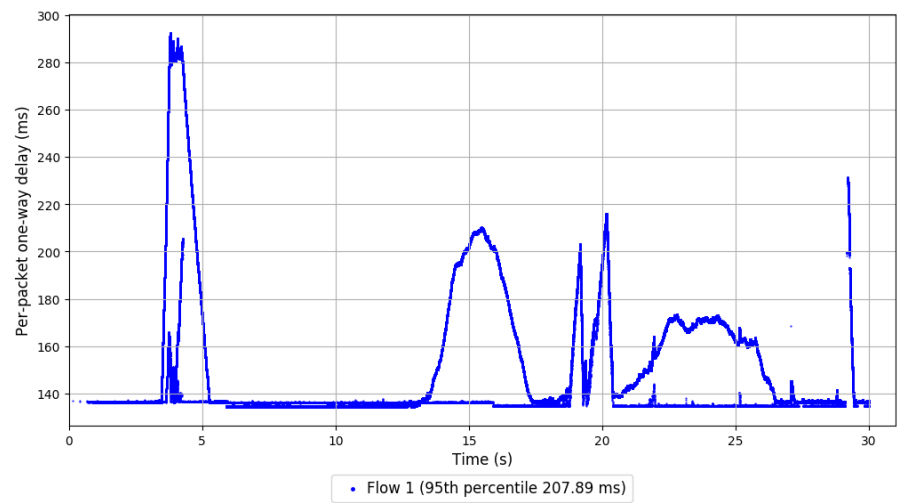
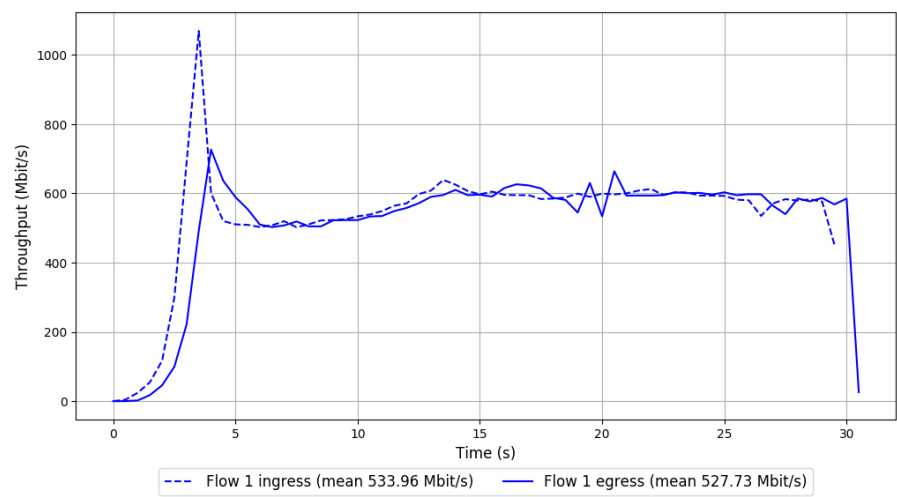
-- Flow 1:

Average throughput: 527.73 Mbit/s

95th percentile per-packet one-way delay: 207.891 ms

Loss rate: 1.17%

Run 9: Report of PCC-Allegro — Data Link

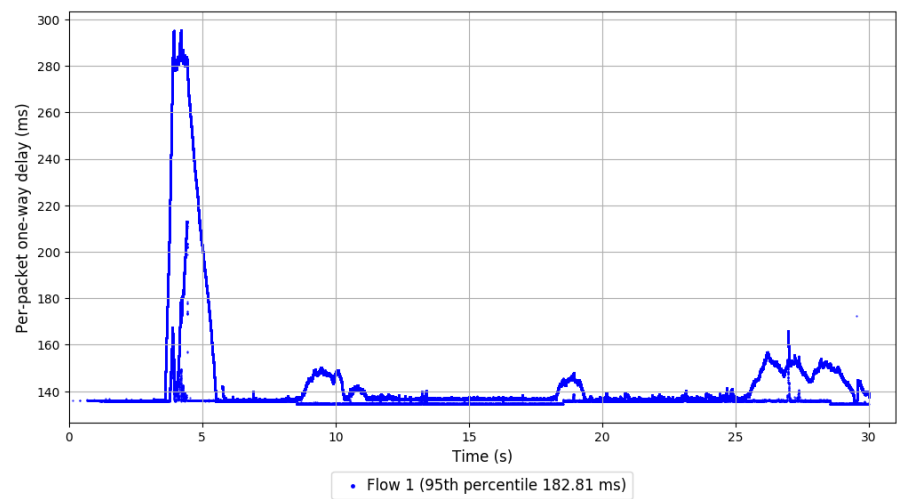
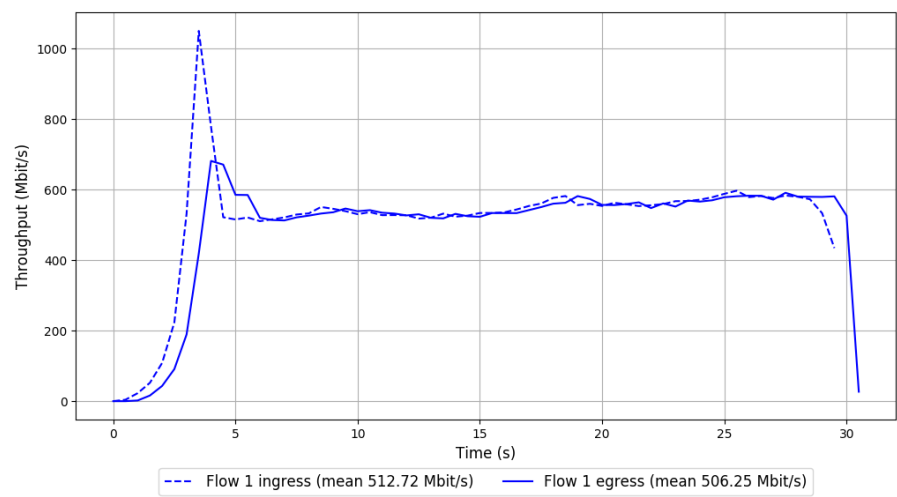


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-04 13:55:30
End at: 2018-07-04 13:56:00
Local clock offset: -0.004 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2018-07-04 15:30:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 506.25 Mbit/s
95th percentile per-packet one-way delay: 182.810 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 506.25 Mbit/s
95th percentile per-packet one-way delay: 182.810 ms
Loss rate: 1.26%

Run 10: Report of PCC-Allegro — Data Link

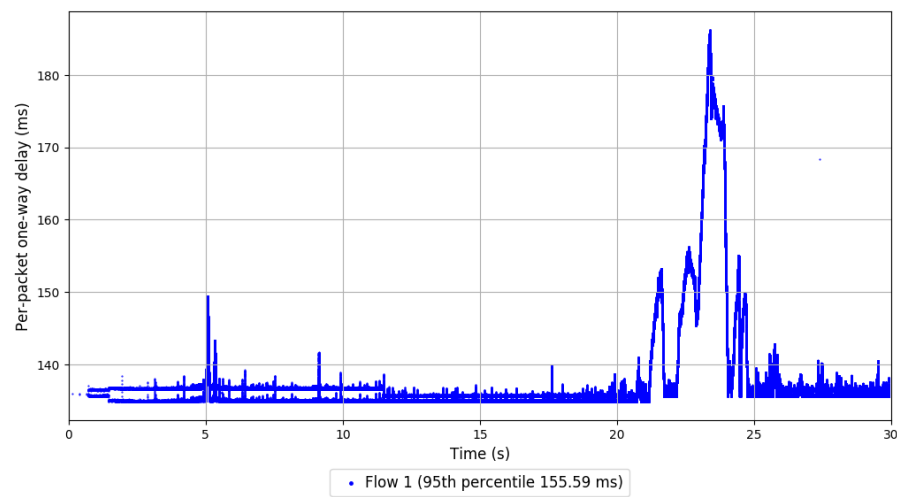
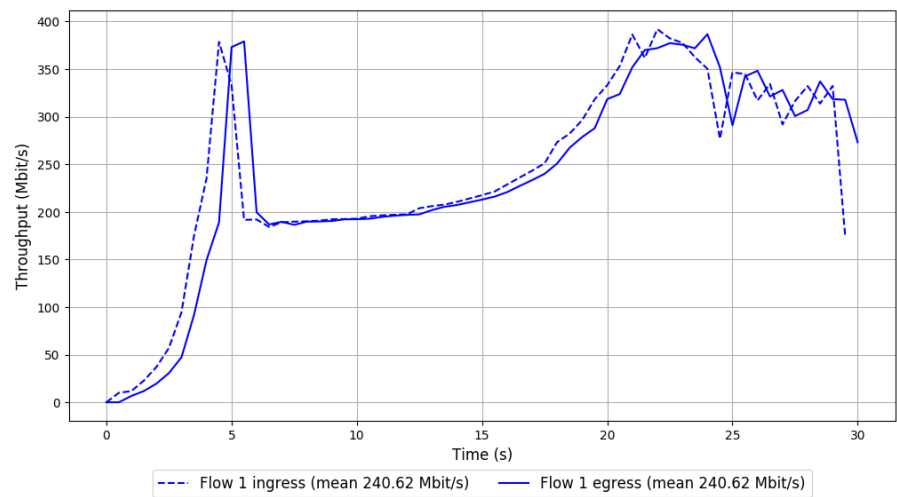


Run 1: Statistics of PCC-Expr

Start at: 2018-07-04 10:27:37
End at: 2018-07-04 10:28:07
Local clock offset: -0.008 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-07-04 15:30:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 240.62 Mbit/s
95th percentile per-packet one-way delay: 155.586 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 240.62 Mbit/s
95th percentile per-packet one-way delay: 155.586 ms
Loss rate: 0.00%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-07-04 10:50:23

End at: 2018-07-04 10:50:53

Local clock offset: -0.152 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 15:31:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 310.56 Mbit/s

95th percentile per-packet one-way delay: 143.318 ms

Loss rate: 0.00%

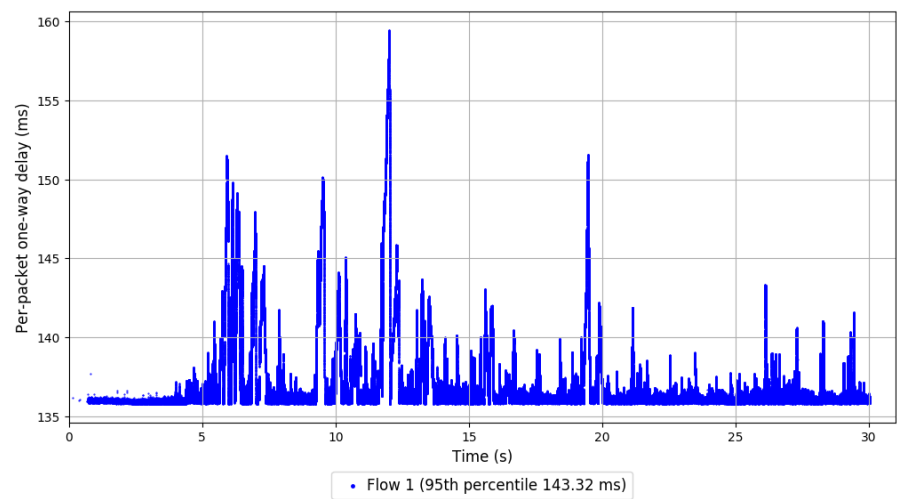
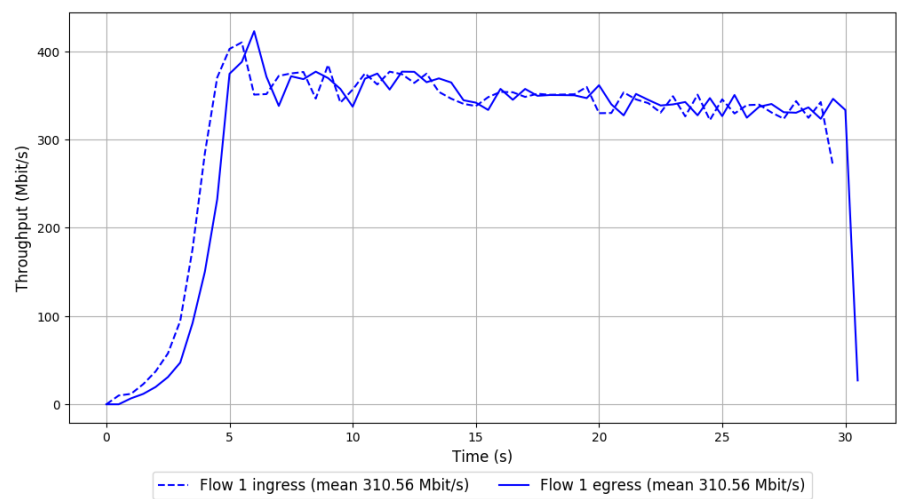
-- Flow 1:

Average throughput: 310.56 Mbit/s

95th percentile per-packet one-way delay: 143.318 ms

Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

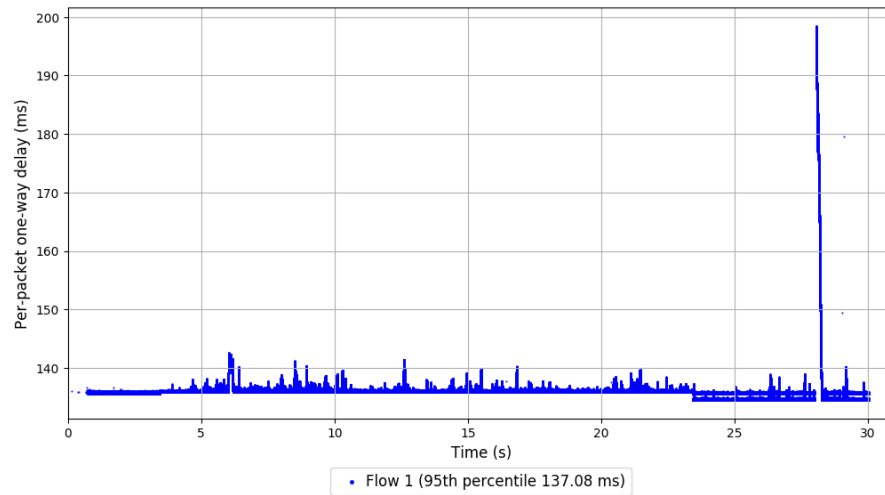
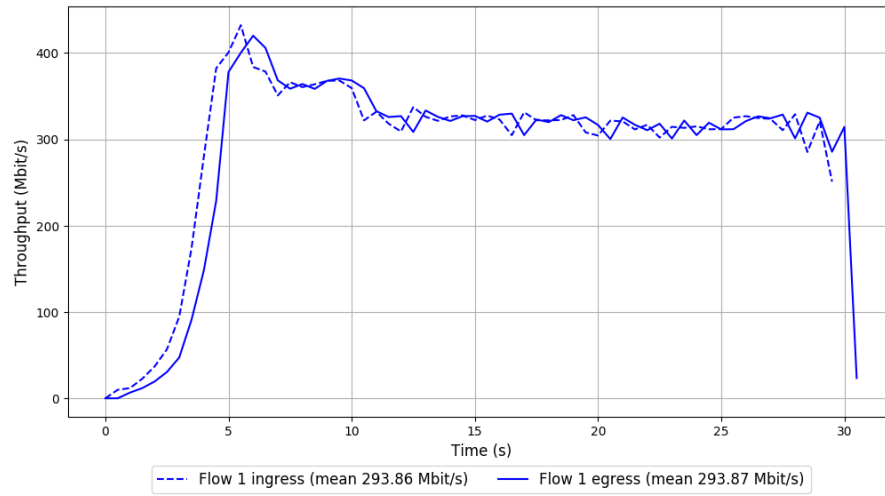


Run 3: Statistics of PCC-Expr

Start at: 2018-07-04 11:13:45
End at: 2018-07-04 11:14:15
Local clock offset: 0.023 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 15:31:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 293.87 Mbit/s
95th percentile per-packet one-way delay: 137.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 293.87 Mbit/s
95th percentile per-packet one-way delay: 137.081 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link

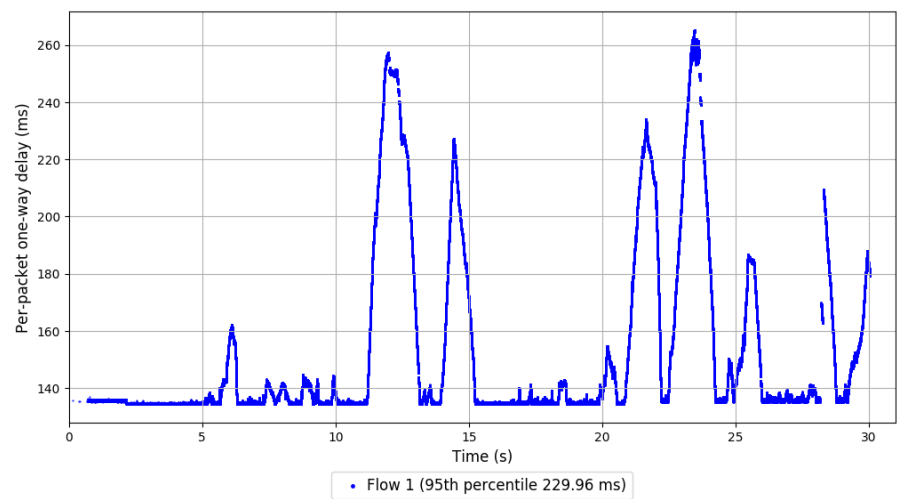
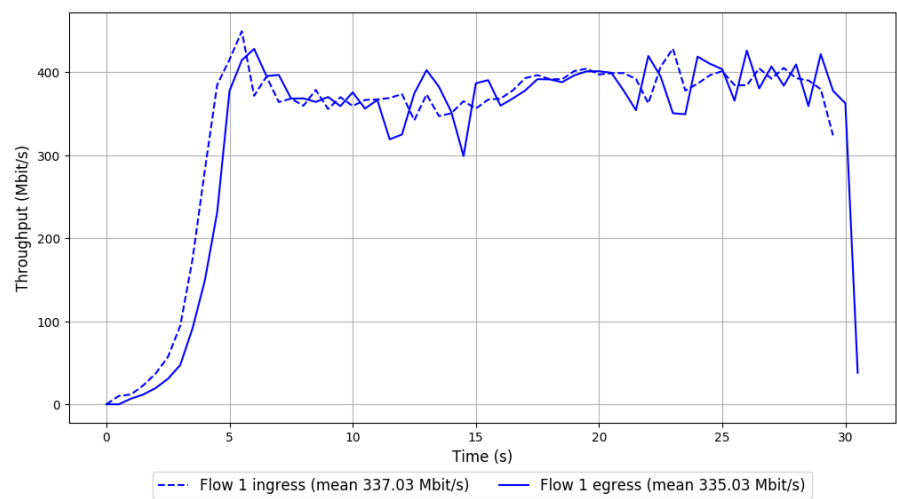


Run 4: Statistics of PCC-Expr

Start at: 2018-07-04 11:36:06
End at: 2018-07-04 11:36:36
Local clock offset: 0.123 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-07-04 15:36:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 335.03 Mbit/s
95th percentile per-packet one-way delay: 229.963 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 335.03 Mbit/s
95th percentile per-packet one-way delay: 229.963 ms
Loss rate: 0.59%

Run 4: Report of PCC-Expr — Data Link

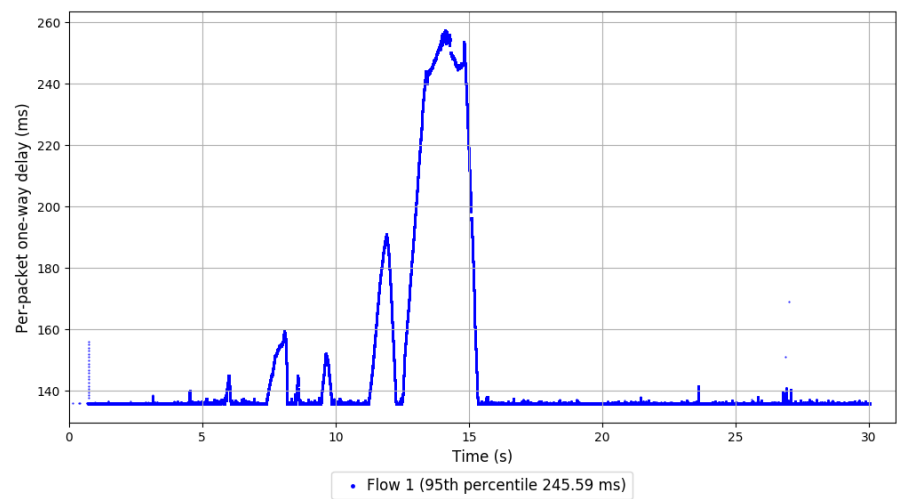
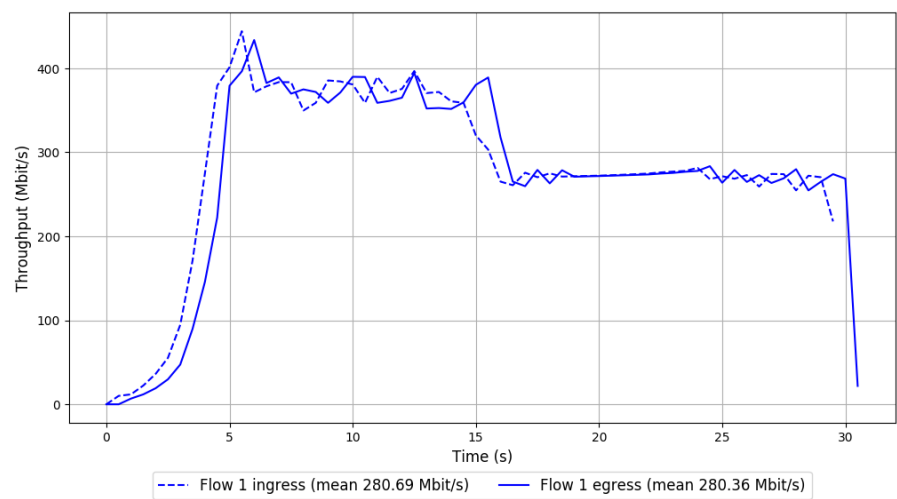


Run 5: Statistics of PCC-Expr

Start at: 2018-07-04 11:59:10
End at: 2018-07-04 11:59:40
Local clock offset: 0.181 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 15:36:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 280.36 Mbit/s
95th percentile per-packet one-way delay: 245.595 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 280.36 Mbit/s
95th percentile per-packet one-way delay: 245.595 ms
Loss rate: 0.12%

Run 5: Report of PCC-Expr — Data Link

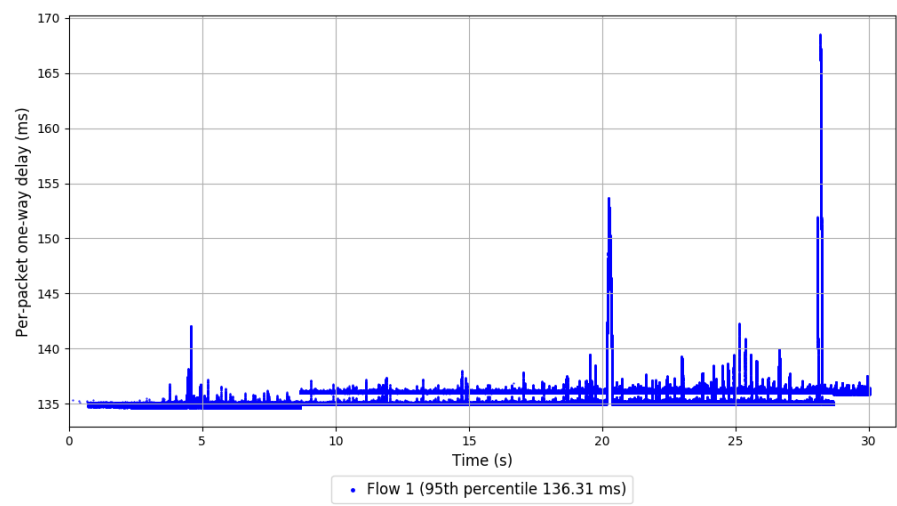
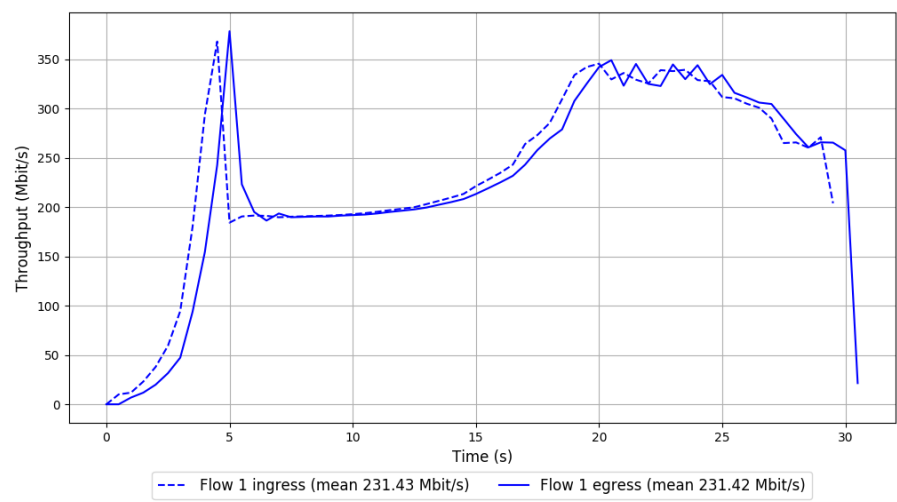


Run 6: Statistics of PCC-Expr

Start at: 2018-07-04 12:22:39
End at: 2018-07-04 12:23:10
Local clock offset: -0.16 ms
Remote clock offset: -0.252 ms

Below is generated by plot.py at 2018-07-04 15:36:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 231.42 Mbit/s
95th percentile per-packet one-way delay: 136.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.42 Mbit/s
95th percentile per-packet one-way delay: 136.309 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-04 12:45:27

End at: 2018-07-04 12:45:57

Local clock offset: 0.201 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-04 15:40:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 289.95 Mbit/s

95th percentile per-packet one-way delay: 213.170 ms

Loss rate: 0.54%

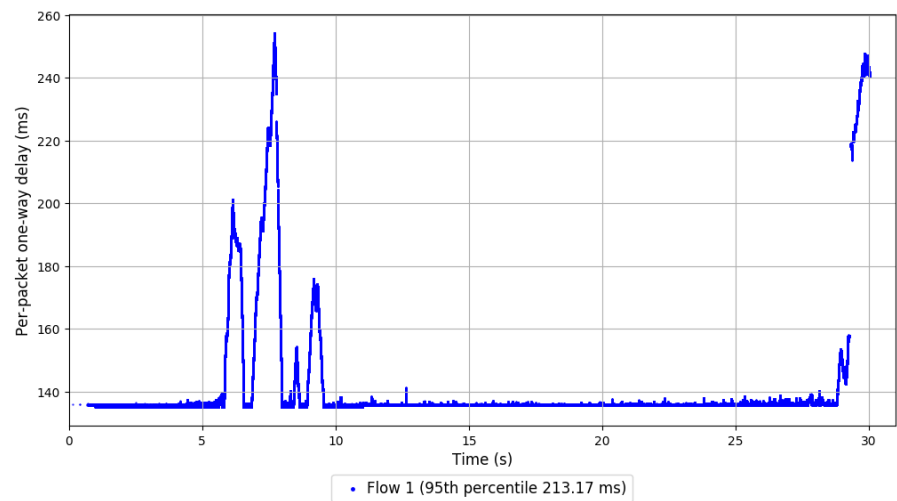
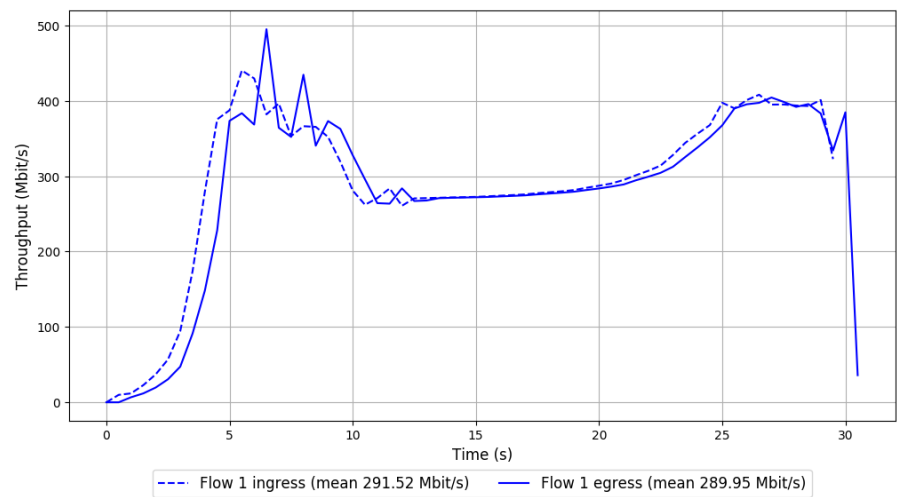
-- Flow 1:

Average throughput: 289.95 Mbit/s

95th percentile per-packet one-way delay: 213.170 ms

Loss rate: 0.54%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-04 13:08:02

End at: 2018-07-04 13:08:32

Local clock offset: 0.066 ms

Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-07-04 15:40:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.87 Mbit/s

95th percentile per-packet one-way delay: 173.546 ms

Loss rate: 0.00%

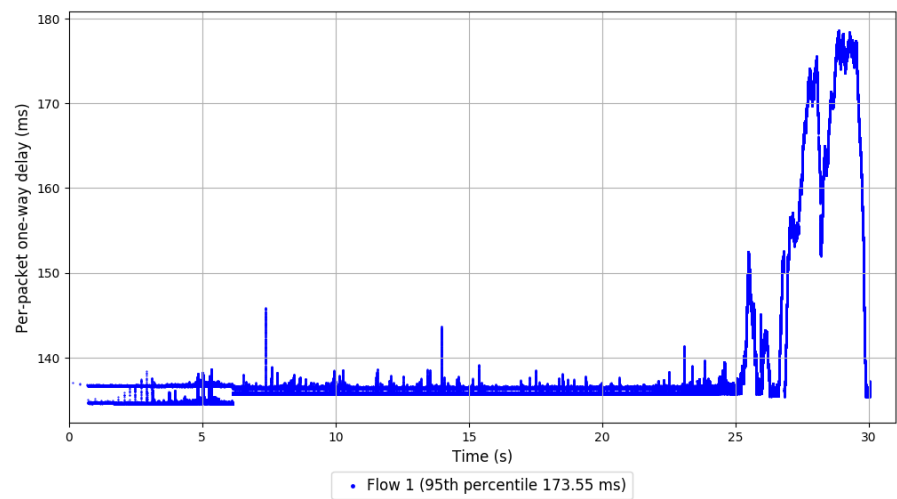
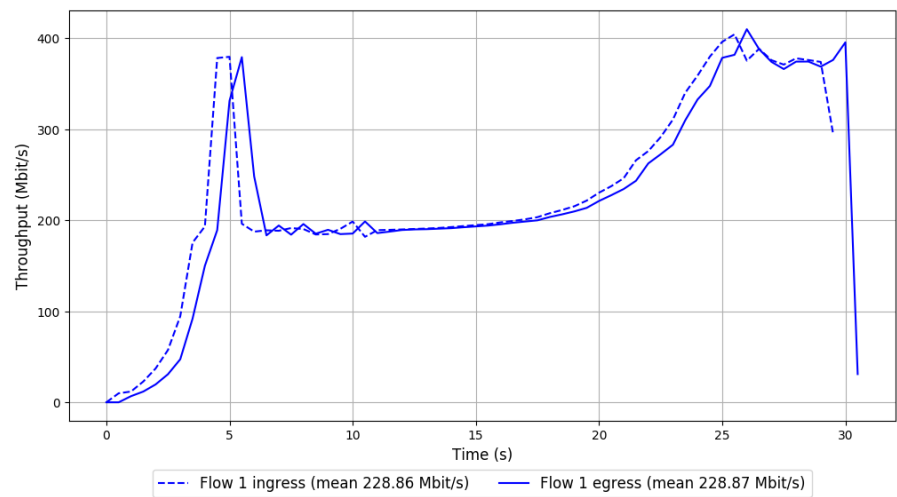
-- Flow 1:

Average throughput: 228.87 Mbit/s

95th percentile per-packet one-way delay: 173.546 ms

Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

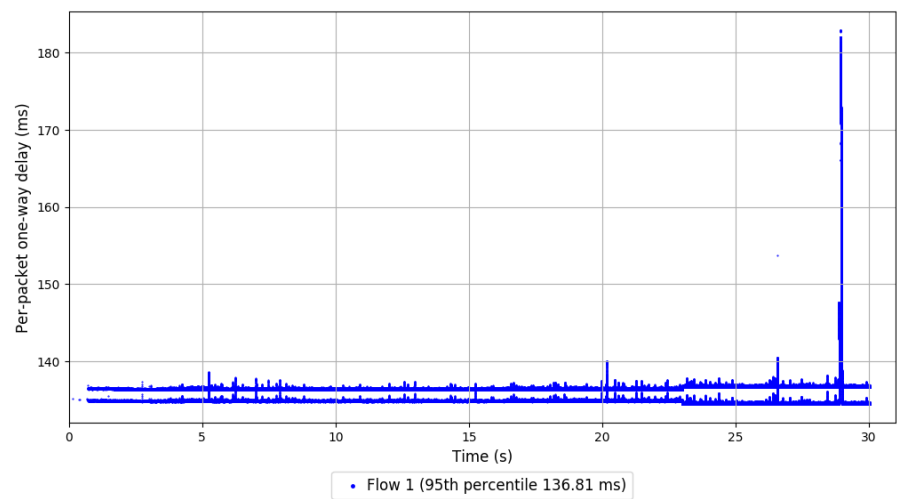
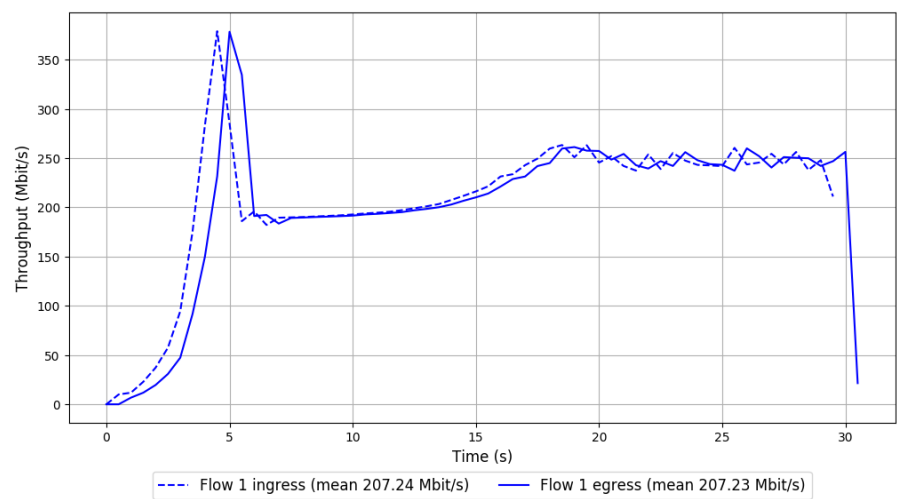


Run 9: Statistics of PCC-Expr

Start at: 2018-07-04 13:31:05
End at: 2018-07-04 13:31:35
Local clock offset: -0.029 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-07-04 15:40:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.23 Mbit/s
95th percentile per-packet one-way delay: 136.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.23 Mbit/s
95th percentile per-packet one-way delay: 136.808 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

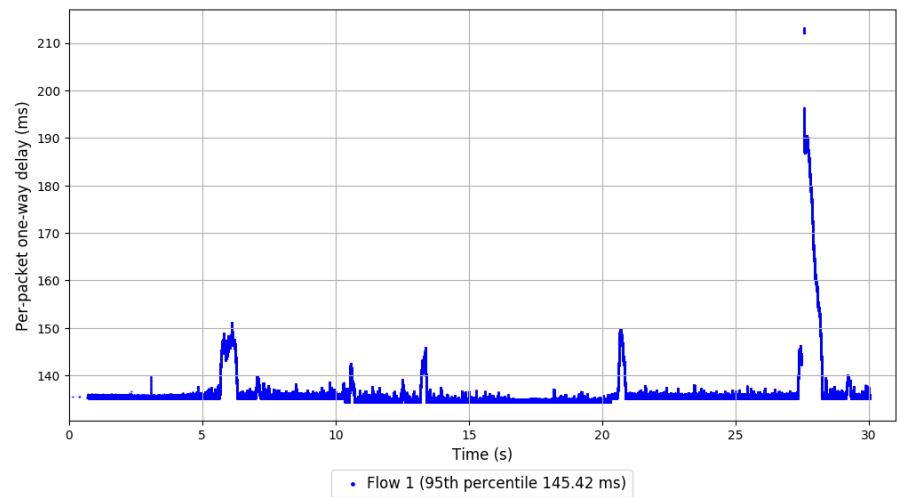
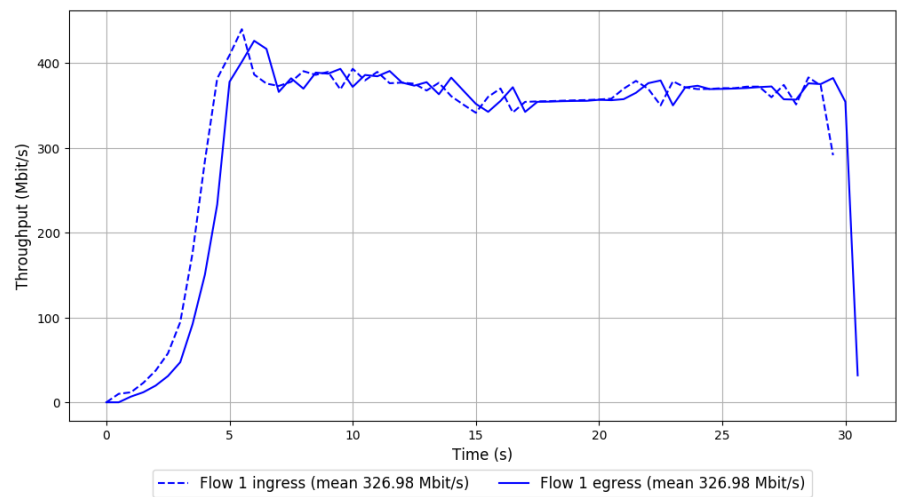


Run 10: Statistics of PCC-Expr

Start at: 2018-07-04 13:53:48
End at: 2018-07-04 13:54:18
Local clock offset: 0.12 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-04 15:43:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 326.98 Mbit/s
95th percentile per-packet one-way delay: 145.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 326.98 Mbit/s
95th percentile per-packet one-way delay: 145.421 ms
Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

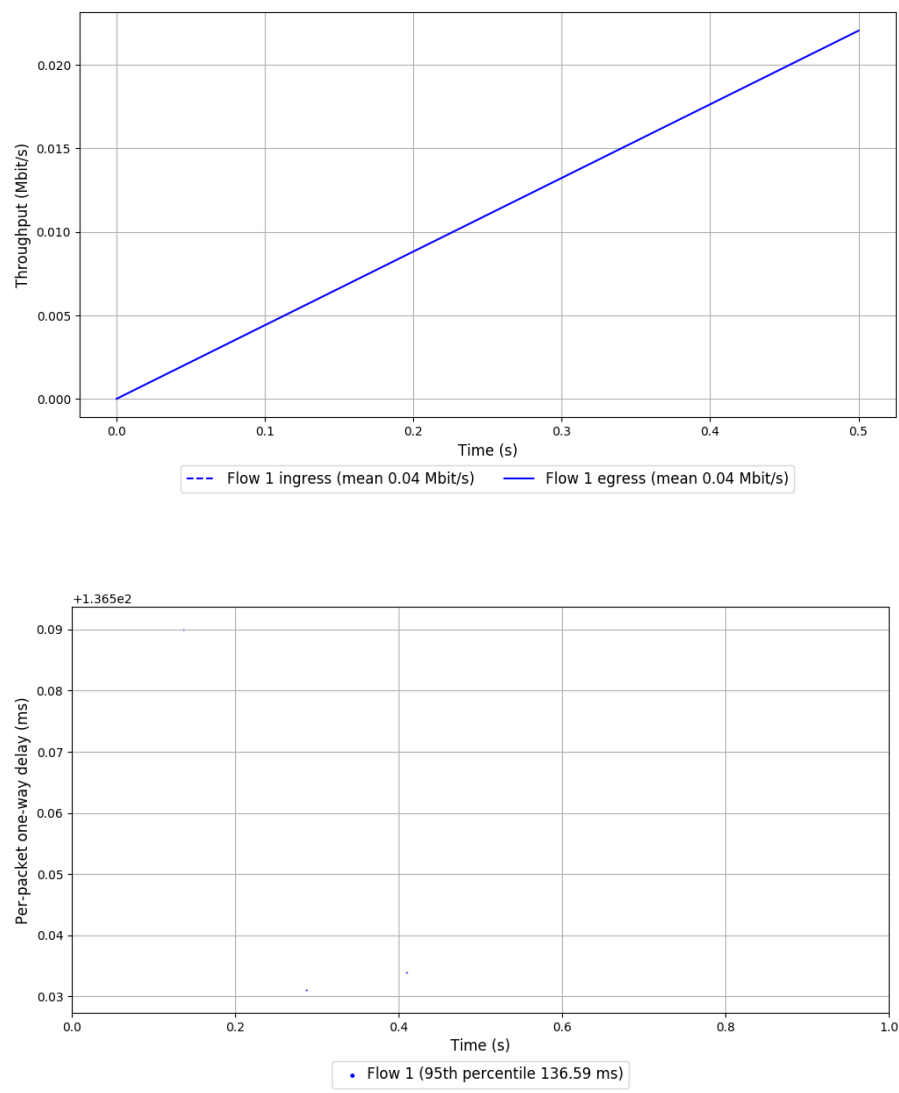
Start at: 2018-07-04 10:38:52

End at: 2018-07-04 10:39:22

Local clock offset: -0.092 ms

Remote clock offset: -0.233 ms

Run 1: Report of QUIC Cubic — Data Link

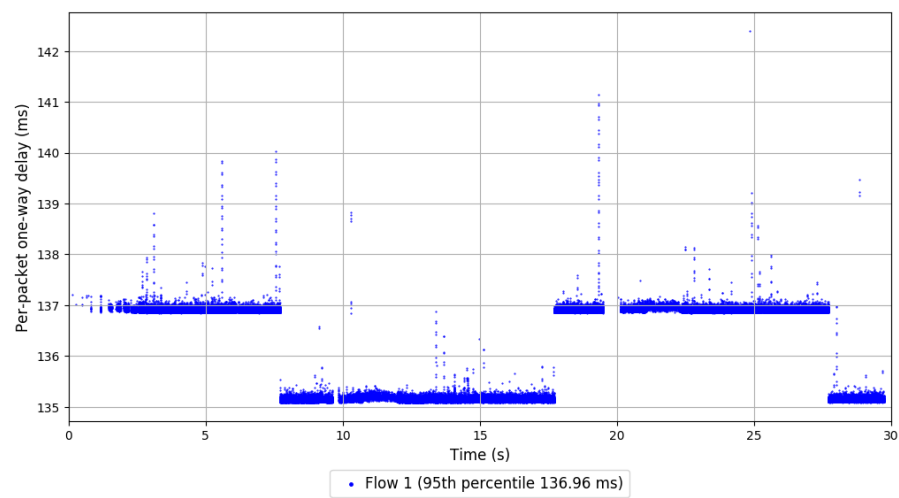
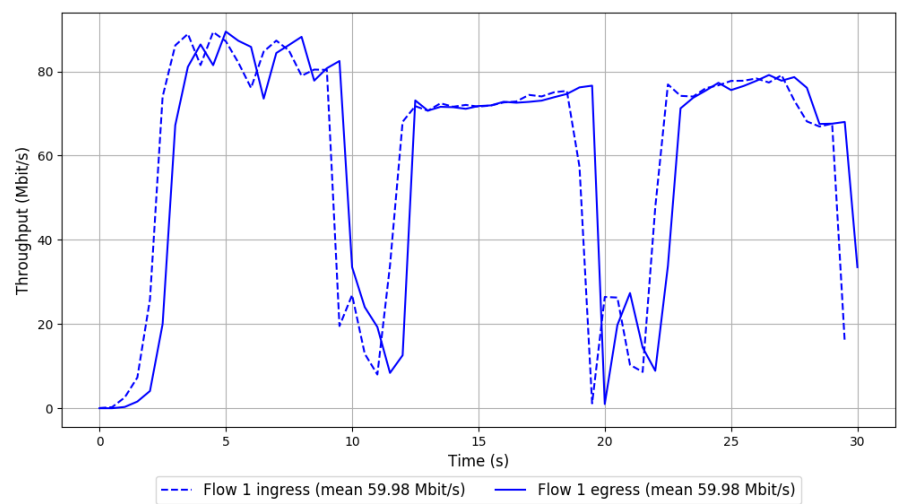


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-04 11:01:40
End at: 2018-07-04 11:02:10
Local clock offset: -0.302 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 136.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 136.958 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-04 11:24:58

End at: 2018-07-04 11:25:28

Local clock offset: 0.008 ms

Remote clock offset: -0.207 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.58 Mbit/s

95th percentile per-packet one-way delay: 136.450 ms

Loss rate: 0.00%

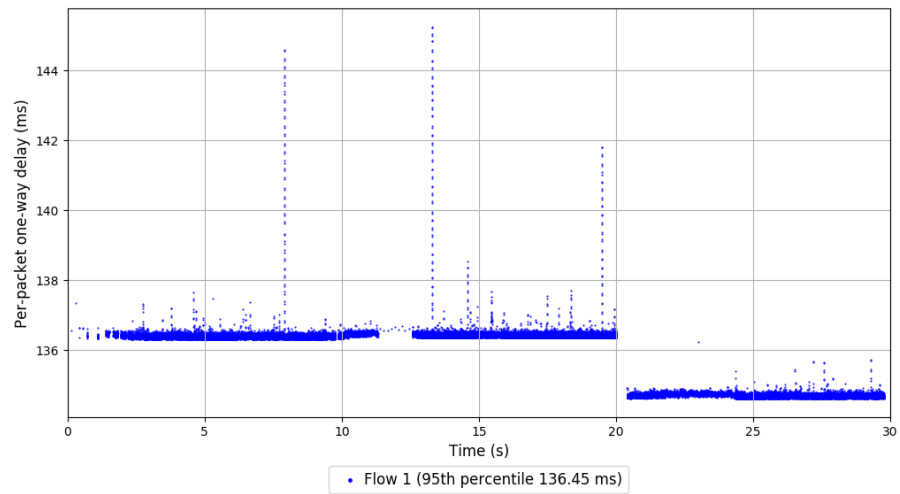
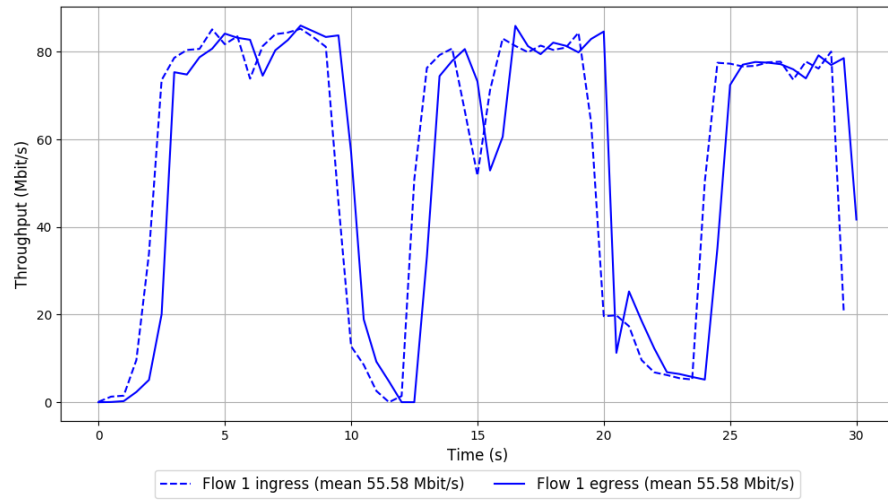
-- Flow 1:

Average throughput: 55.58 Mbit/s

95th percentile per-packet one-way delay: 136.450 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-04 11:47:33

End at: 2018-07-04 11:48:03

Local clock offset: 0.244 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.57 Mbit/s

95th percentile per-packet one-way delay: 136.109 ms

Loss rate: 0.00%

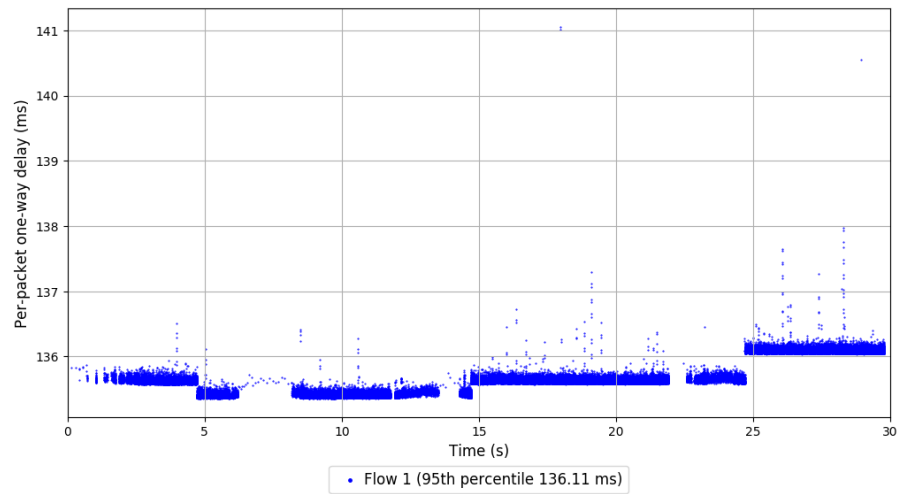
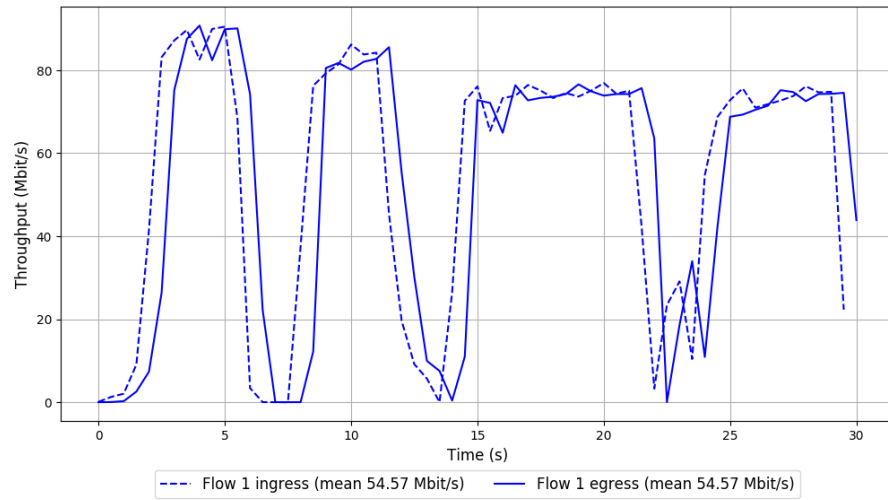
-- Flow 1:

Average throughput: 54.57 Mbit/s

95th percentile per-packet one-way delay: 136.109 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-04 12:10:32

End at: 2018-07-04 12:11:02

Local clock offset: -0.081 ms

Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 136.021 ms

Loss rate: 0.00%

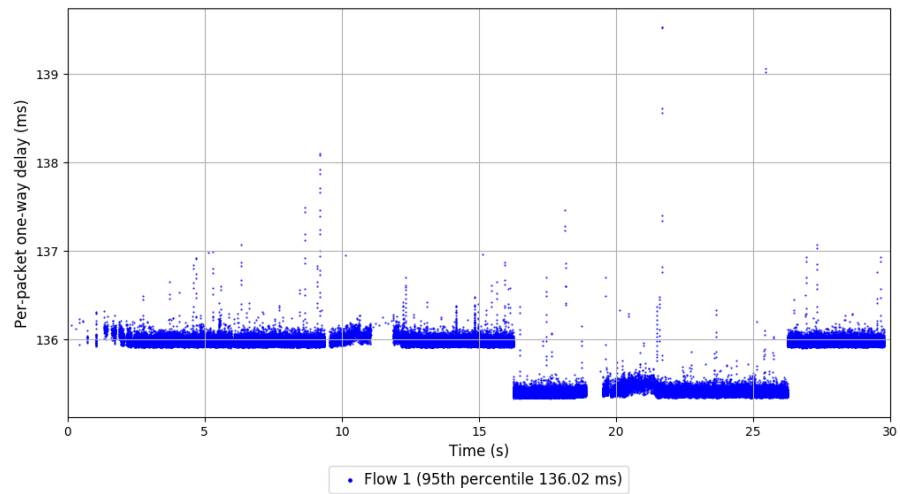
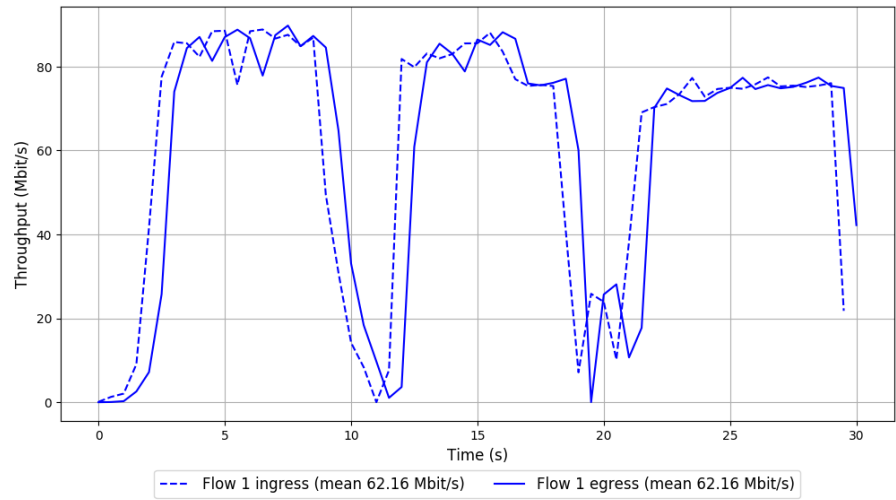
-- Flow 1:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 136.021 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

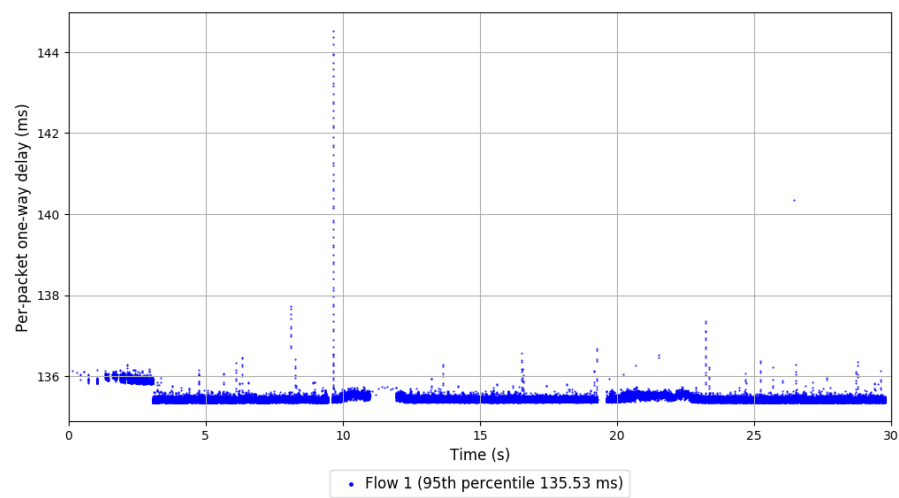
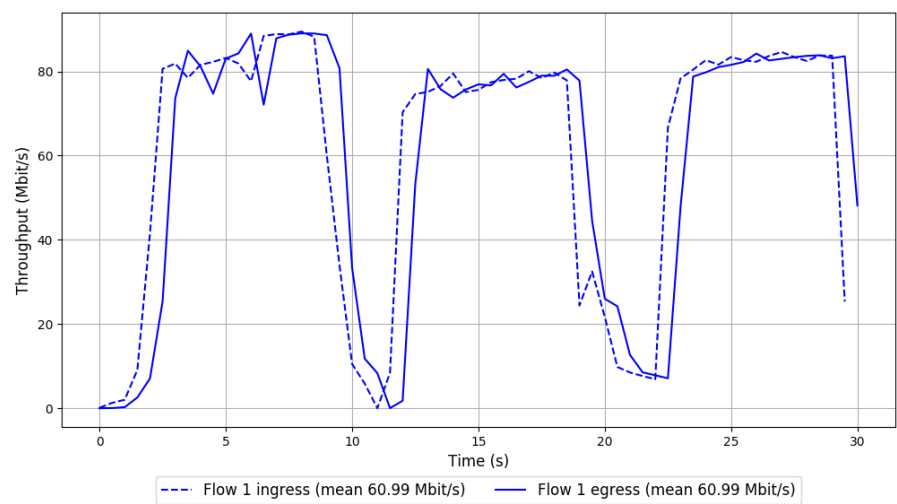


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-04 12:33:25
End at: 2018-07-04 12:33:55
Local clock offset: -0.101 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 135.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 135.534 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

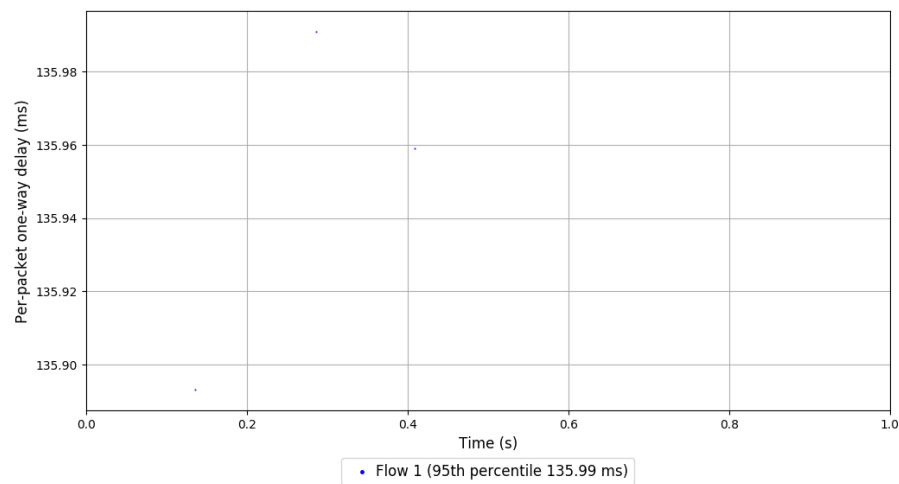
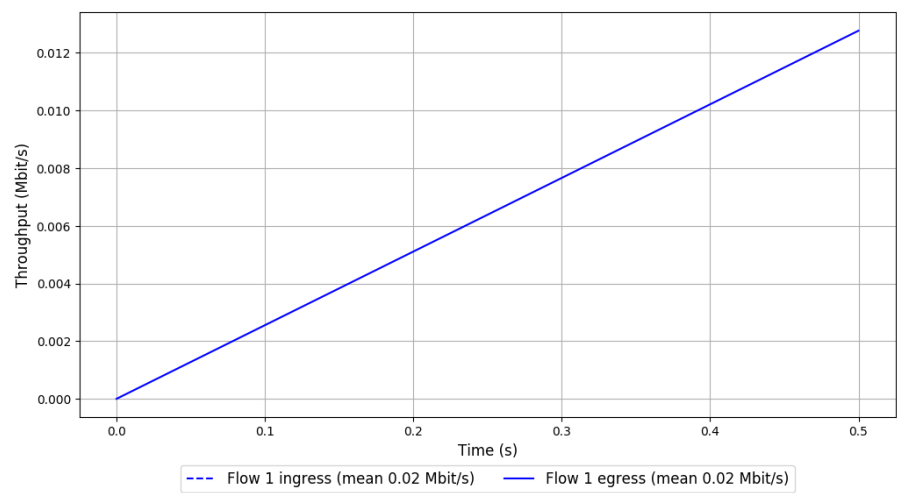
Start at: 2018-07-04 12:56:22

End at: 2018-07-04 12:56:52

Local clock offset: -0.004 ms

Remote clock offset: -0.215 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-04 13:19:16

End at: 2018-07-04 13:19:46

Local clock offset: 0.003 ms

Remote clock offset: -0.255 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.59 Mbit/s

95th percentile per-packet one-way delay: 136.388 ms

Loss rate: 0.00%

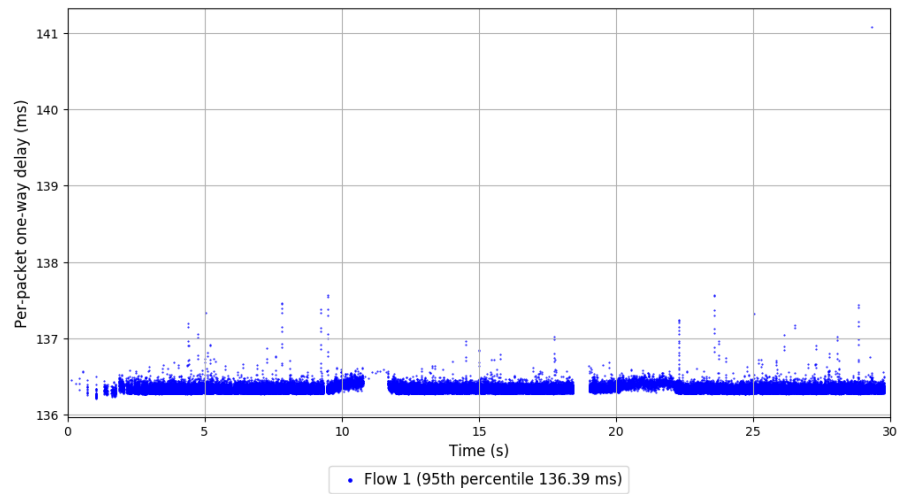
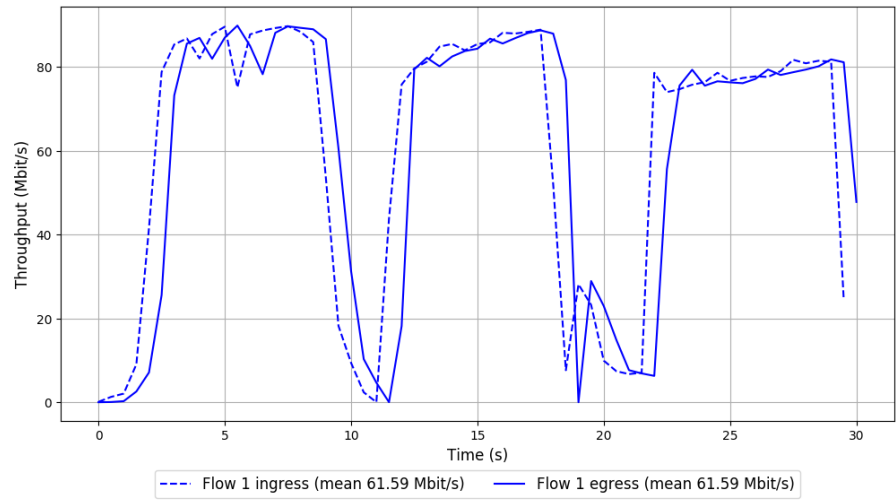
-- Flow 1:

Average throughput: 61.59 Mbit/s

95th percentile per-packet one-way delay: 136.388 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-04 13:41:54

End at: 2018-07-04 13:42:24

Local clock offset: -0.048 ms

Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.94 Mbit/s

95th percentile per-packet one-way delay: 136.525 ms

Loss rate: 0.00%

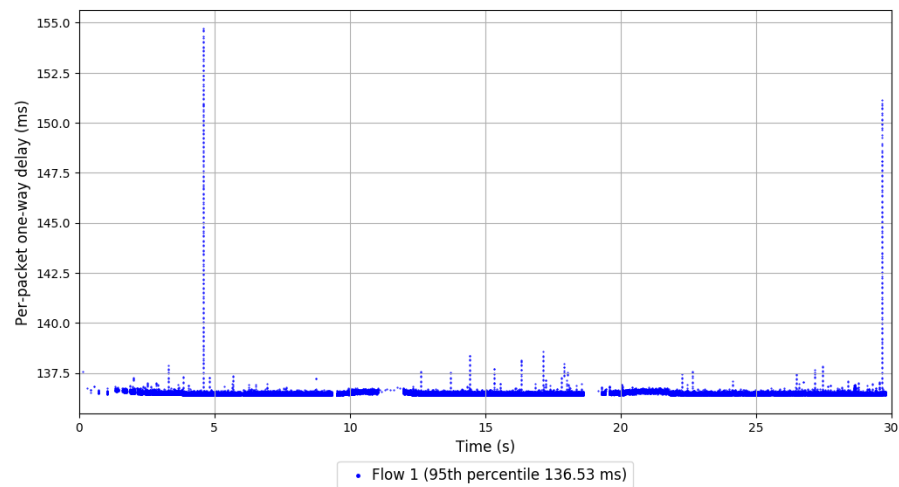
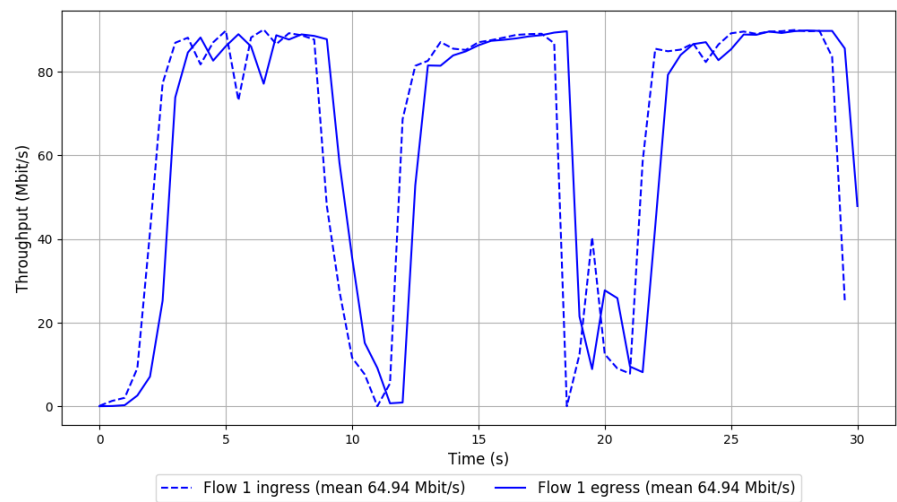
-- Flow 1:

Average throughput: 64.94 Mbit/s

95th percentile per-packet one-way delay: 136.525 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-04 14:05:13

End at: 2018-07-04 14:05:43

Local clock offset: -0.133 ms

Remote clock offset: -0.174 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.05 Mbit/s

95th percentile per-packet one-way delay: 135.949 ms

Loss rate: 0.00%

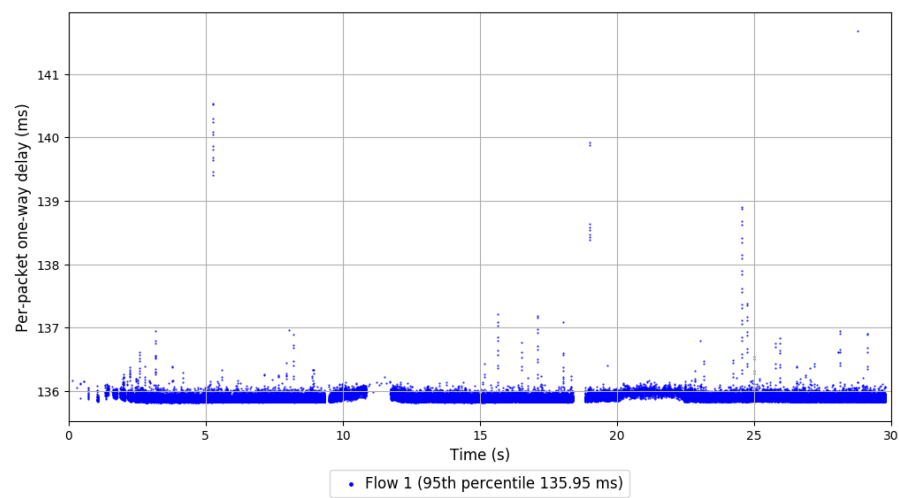
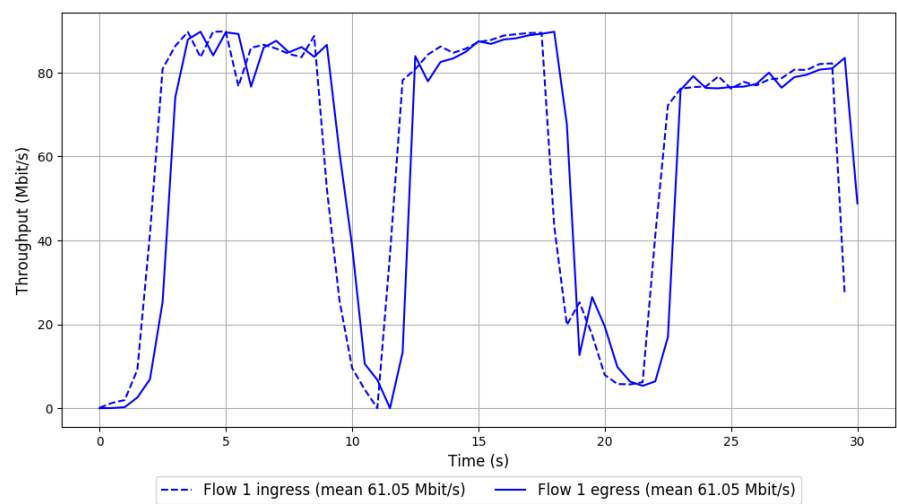
-- Flow 1:

Average throughput: 61.05 Mbit/s

95th percentile per-packet one-way delay: 135.949 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

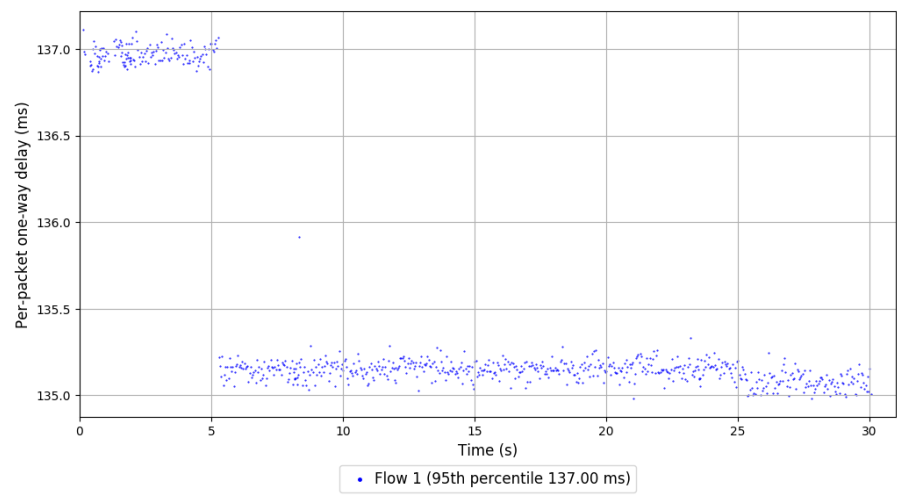
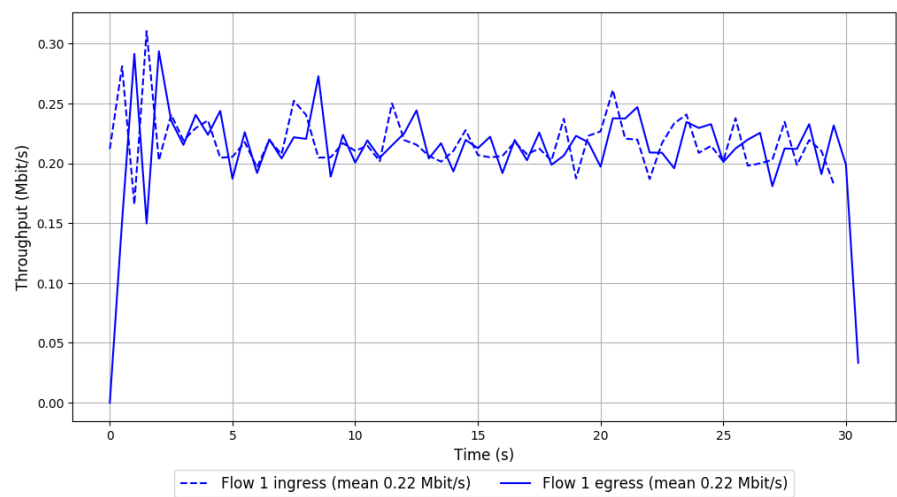


Run 1: Statistics of SCReAM

Start at: 2018-07-04 10:46:13
End at: 2018-07-04 10:46:43
Local clock offset: -0.094 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.003 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-07-04 11:09:20

End at: 2018-07-04 11:09:50

Local clock offset: -0.167 ms

Remote clock offset: -0.25 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.792 ms

Loss rate: 0.00%

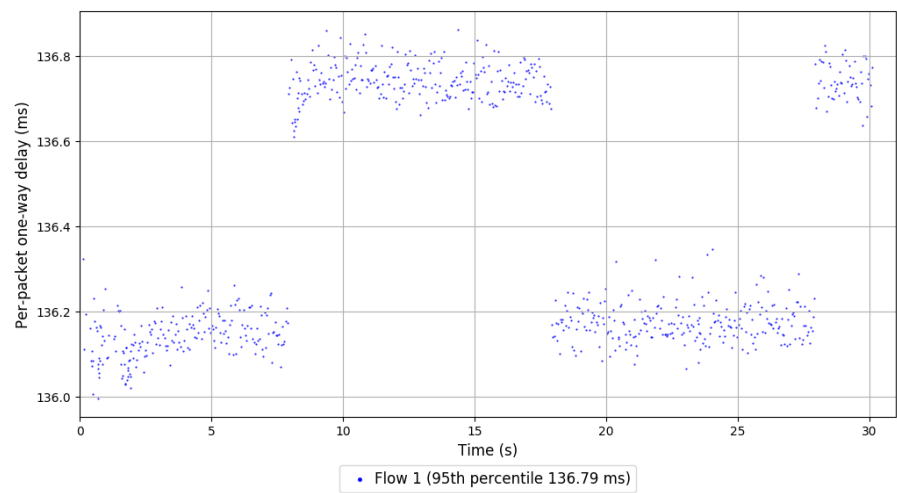
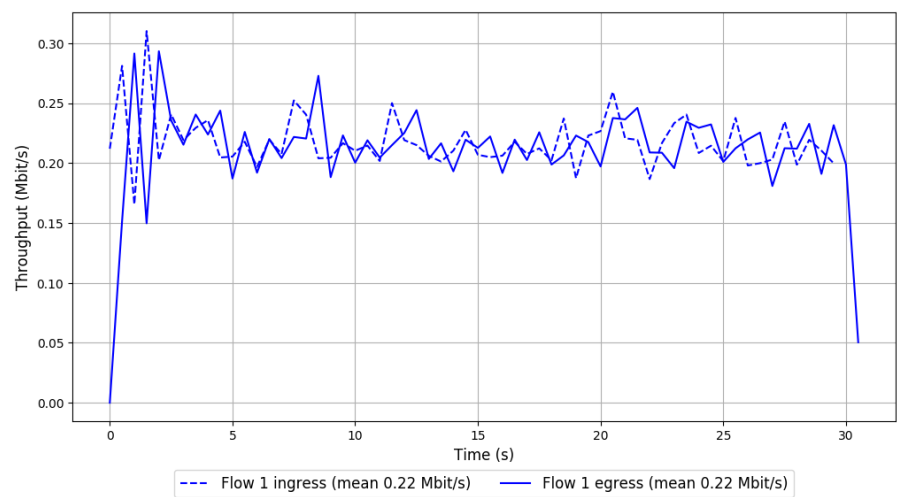
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.792 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

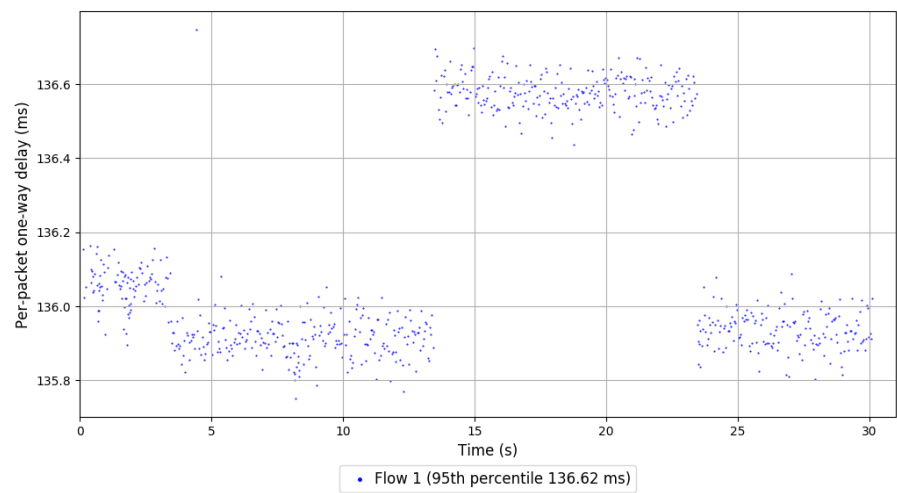
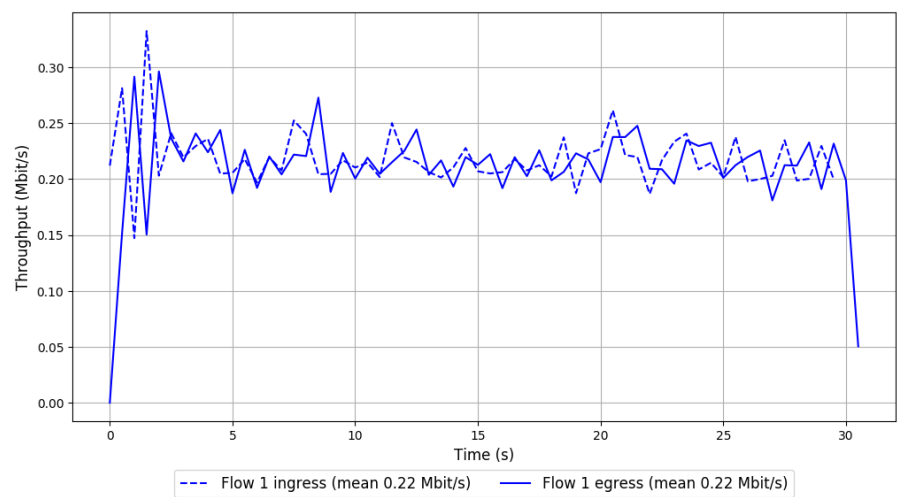


Run 3: Statistics of SCReAM

Start at: 2018-07-04 11:32:25
End at: 2018-07-04 11:32:55
Local clock offset: 0.038 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.622 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.622 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

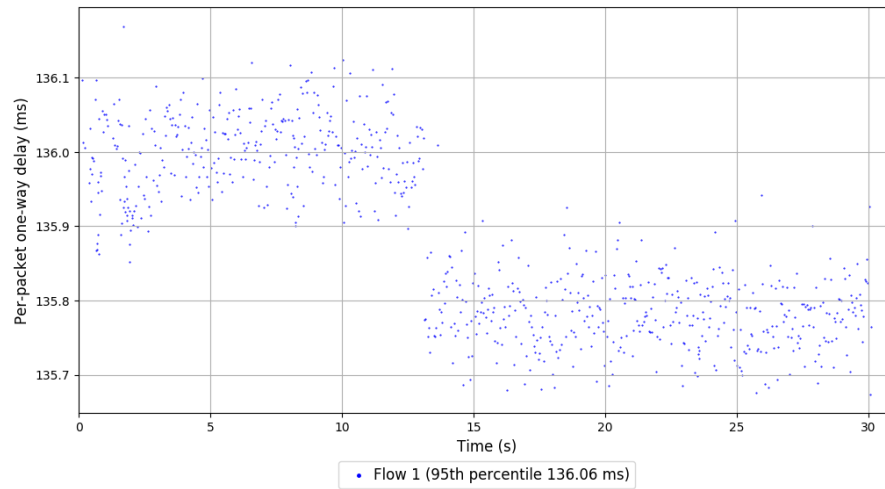
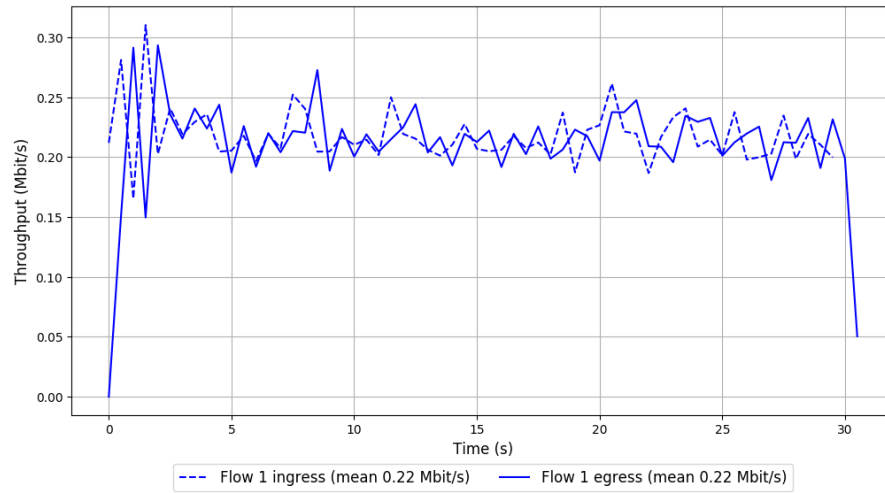


Run 4: Statistics of SCReAM

Start at: 2018-07-04 11:55:05
End at: 2018-07-04 11:55:35
Local clock offset: 0.065 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.065 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

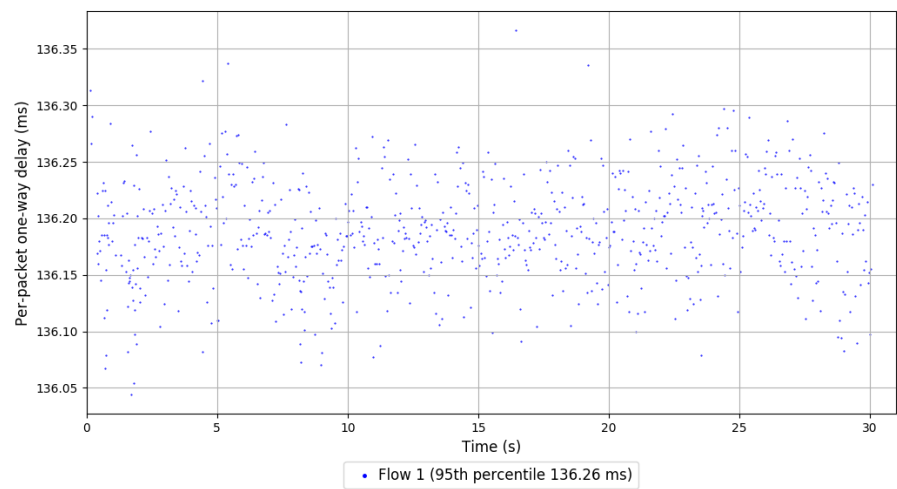
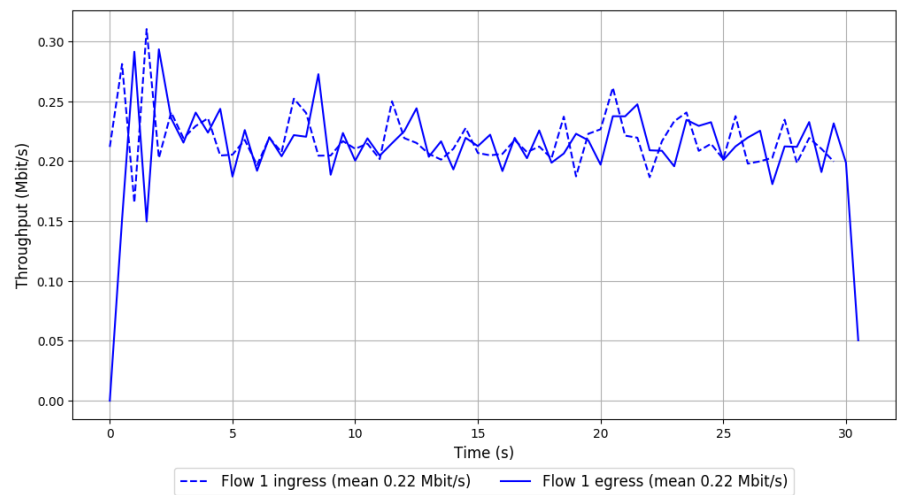


Run 5: Statistics of SCReAM

Start at: 2018-07-04 12:18:21
End at: 2018-07-04 12:18:51
Local clock offset: -0.174 ms
Remote clock offset: -0.244 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.260 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

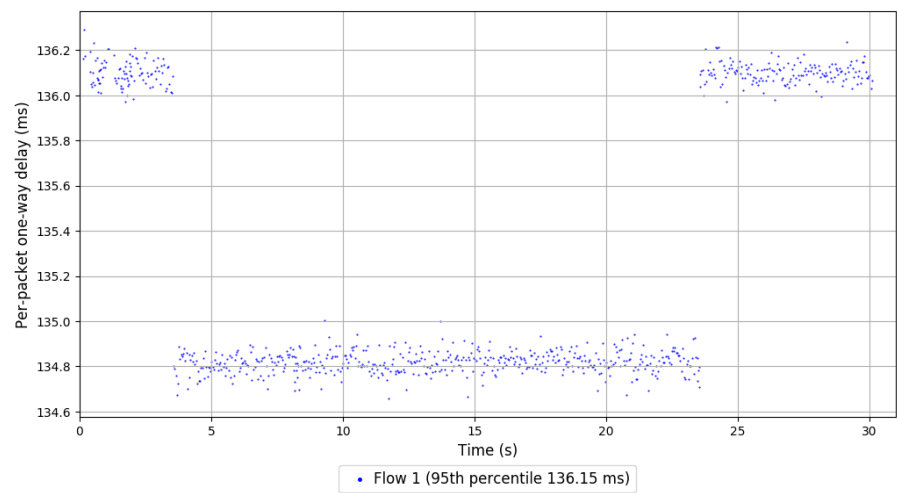
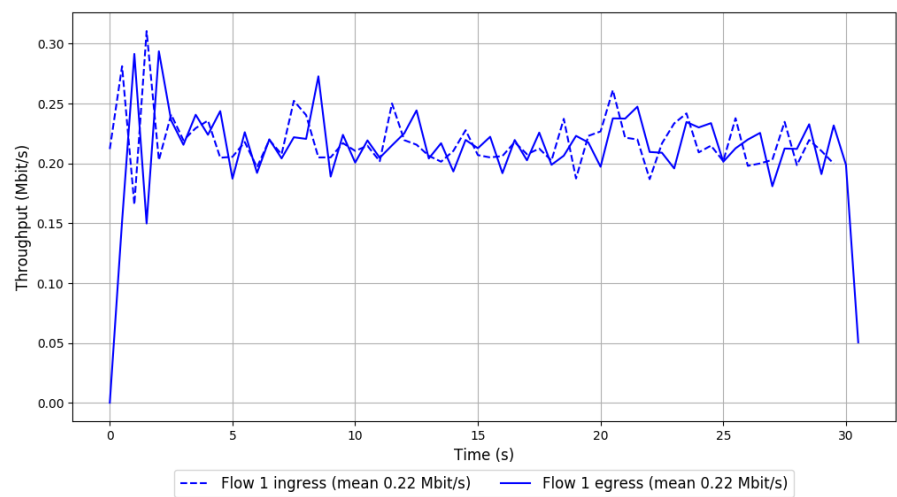


Run 6: Statistics of SCReAM

Start at: 2018-07-04 12:41:05
End at: 2018-07-04 12:41:35
Local clock offset: -0.013 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.147 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.147 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

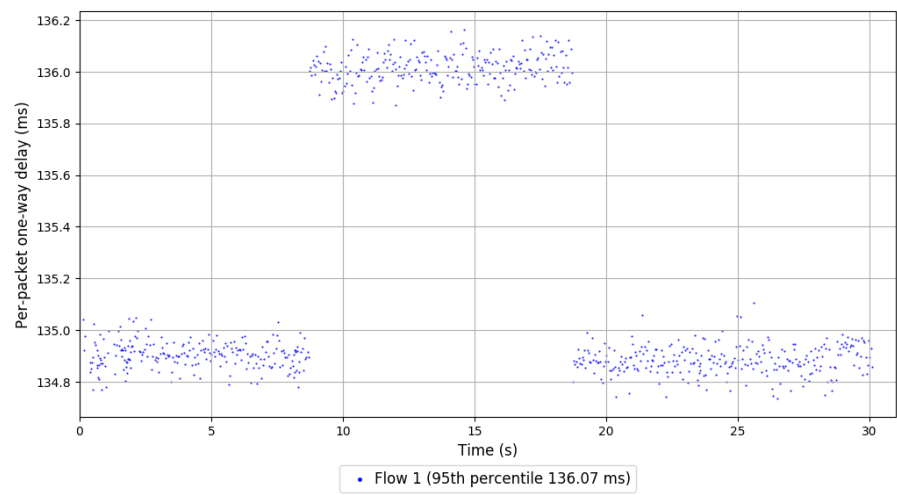
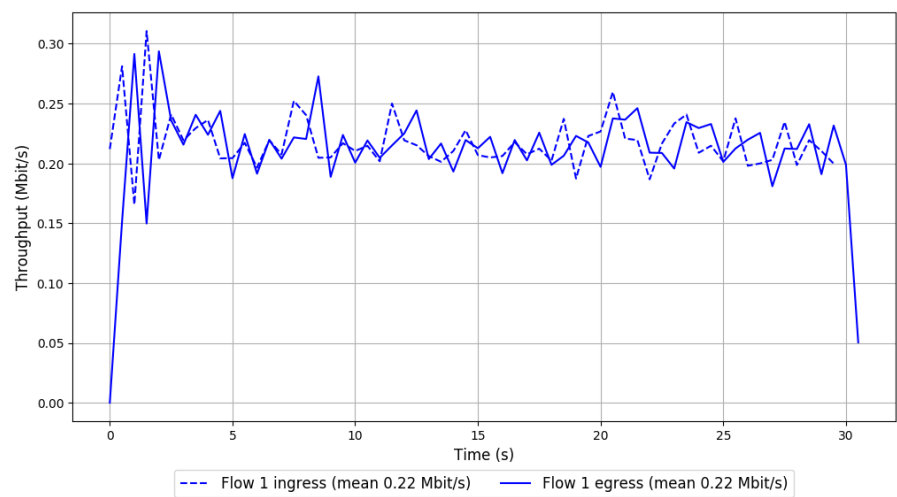


Run 7: Statistics of SCReAM

Start at: 2018-07-04 13:03:59
End at: 2018-07-04 13:04:30
Local clock offset: 0.021 ms
Remote clock offset: -0.158 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.073 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

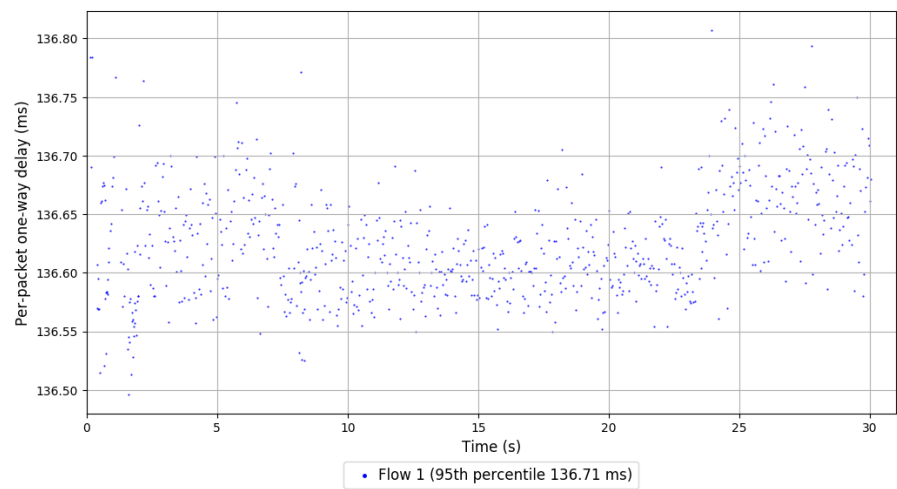
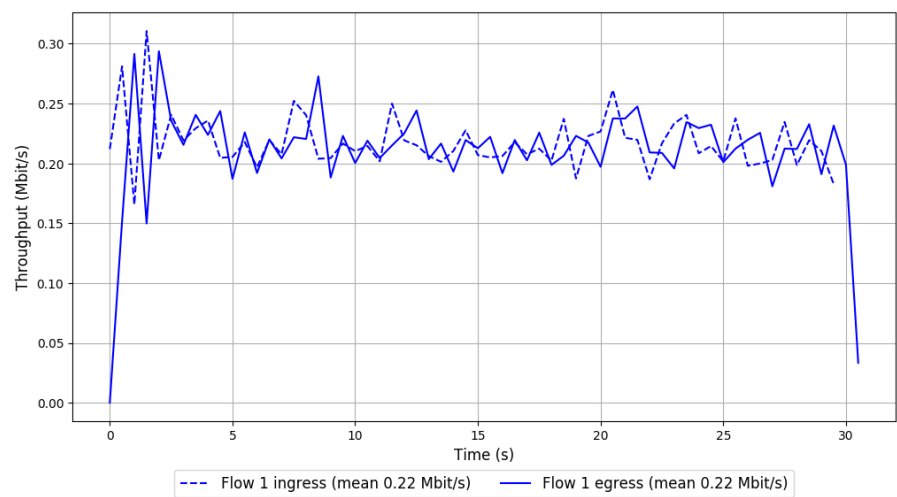


Run 8: Statistics of SCReAM

Start at: 2018-07-04 13:26:58
End at: 2018-07-04 13:27:28
Local clock offset: -0.114 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.705 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

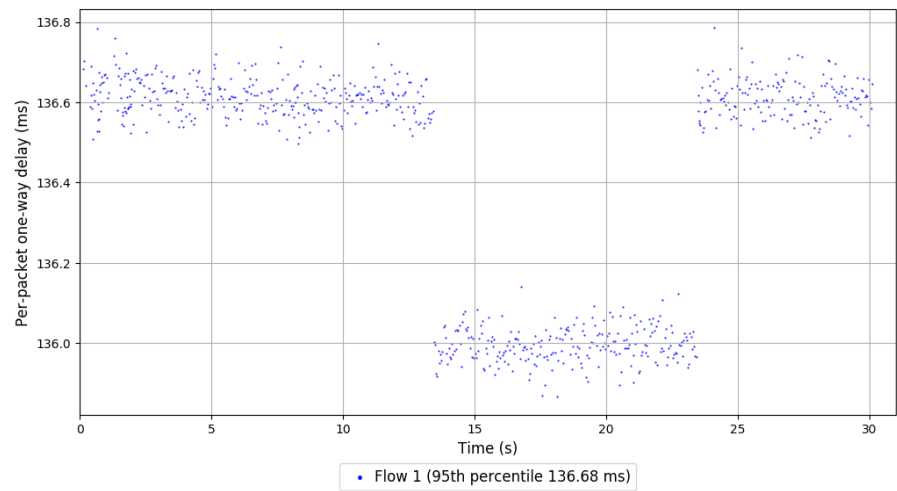
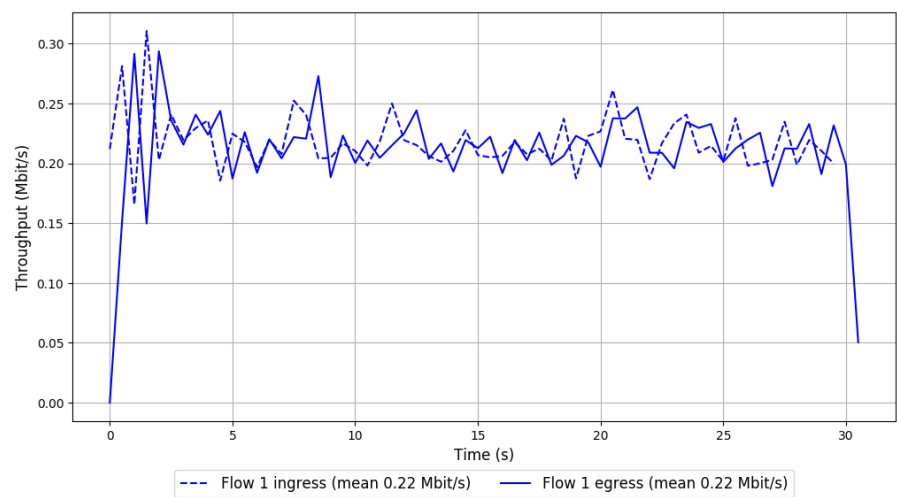


Run 9: Statistics of SCReAM

Start at: 2018-07-04 13:49:35
End at: 2018-07-04 13:50:05
Local clock offset: 0.002 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.679 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-07-04 14:12:54

End at: 2018-07-04 14:13:24

Local clock offset: 0.133 ms

Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-07-04 15:43:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.945 ms

Loss rate: 0.00%

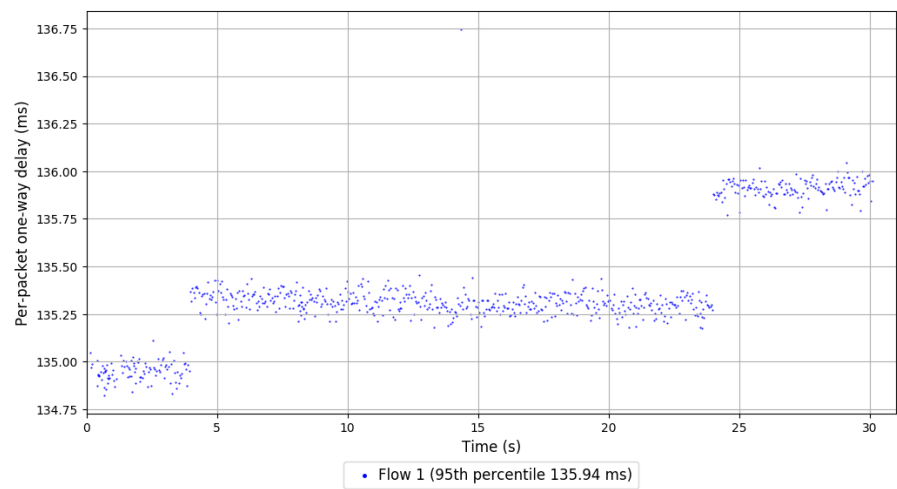
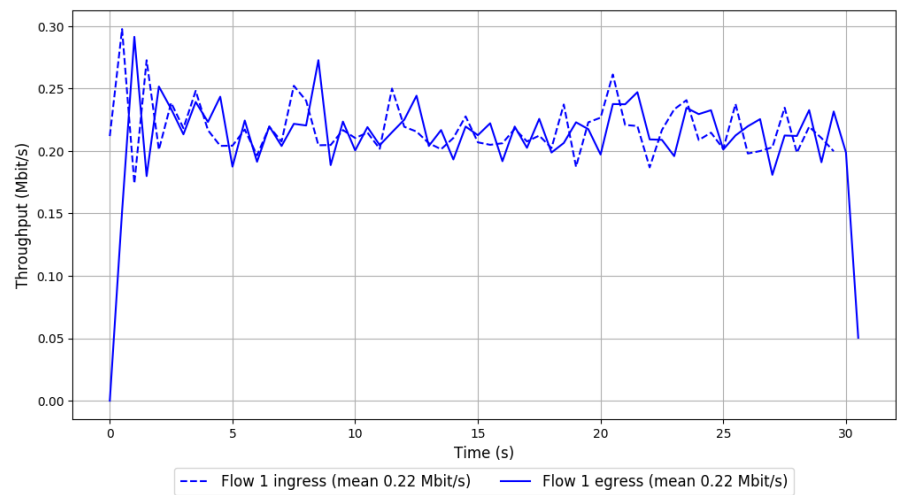
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.945 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

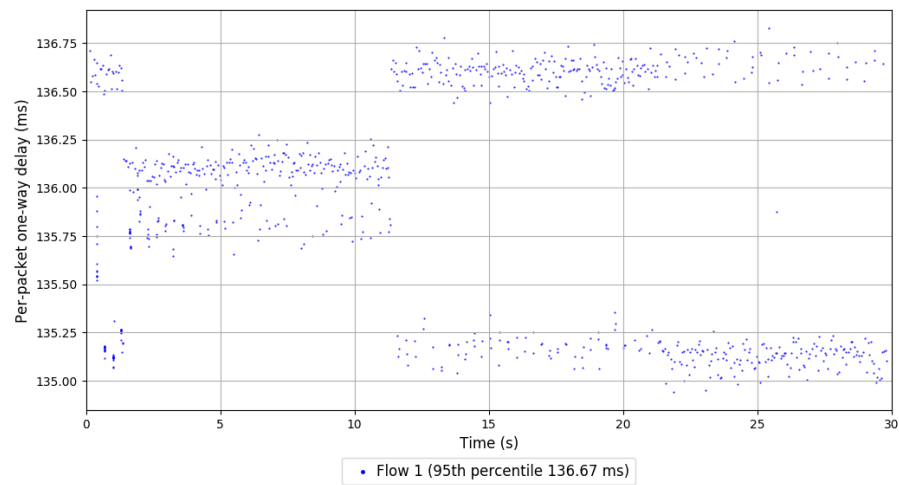
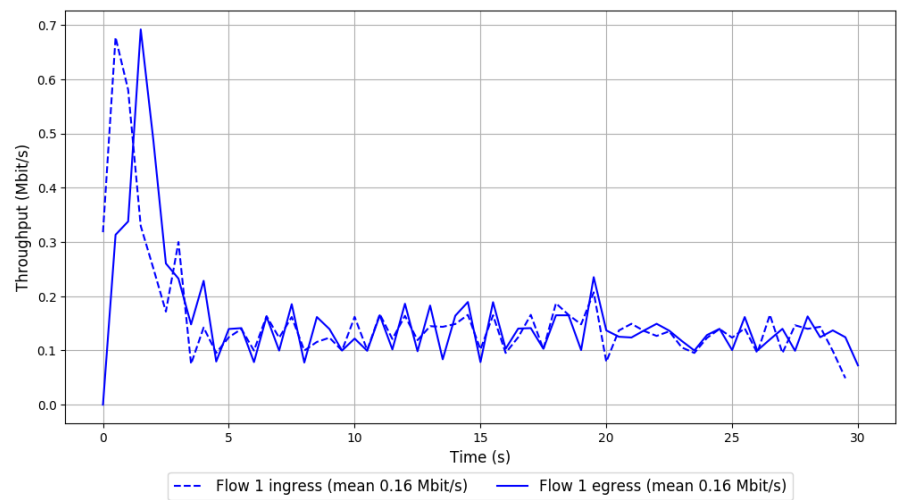


Run 1: Statistics of Sprout

Start at: 2018-07-04 10:32:27
End at: 2018-07-04 10:32:57
Local clock offset: -0.056 ms
Remote clock offset: -0.241 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.670 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

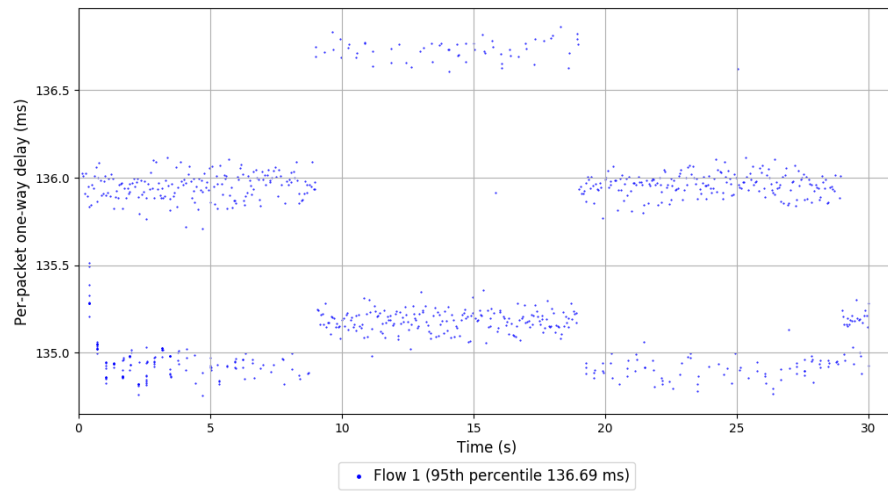
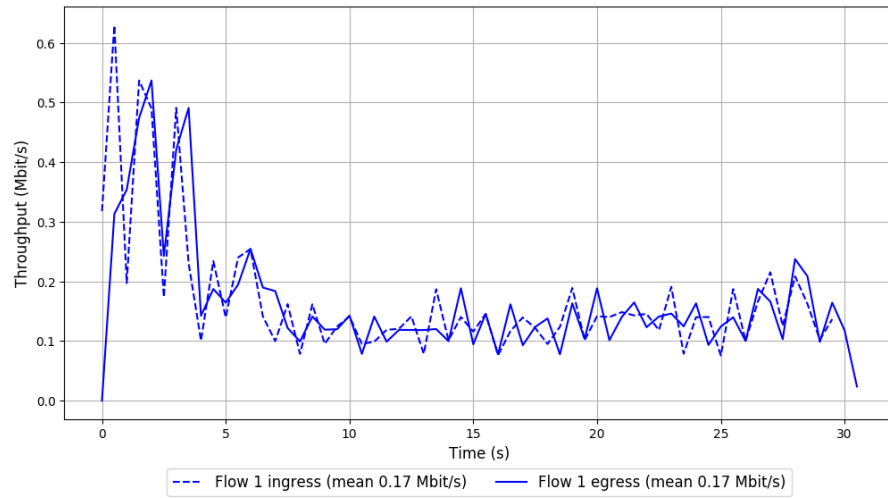


Run 2: Statistics of Sprout

Start at: 2018-07-04 10:55:19
End at: 2018-07-04 10:55:49
Local clock offset: -0.132 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.692 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

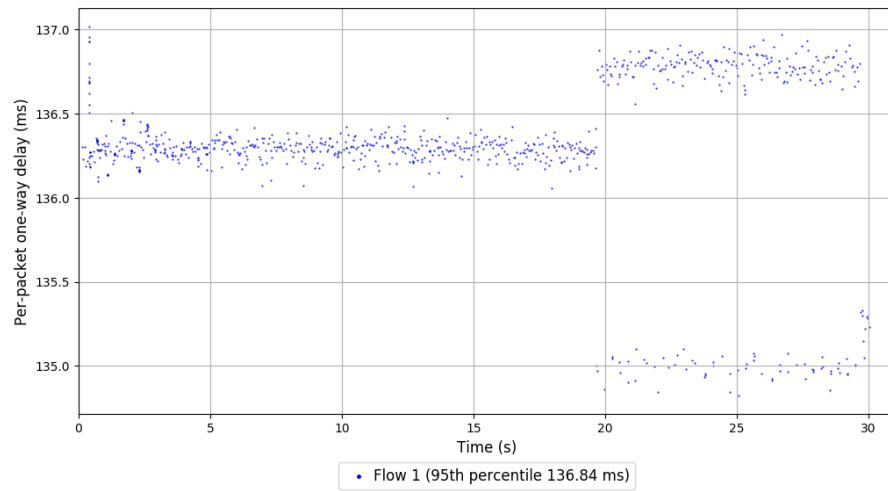
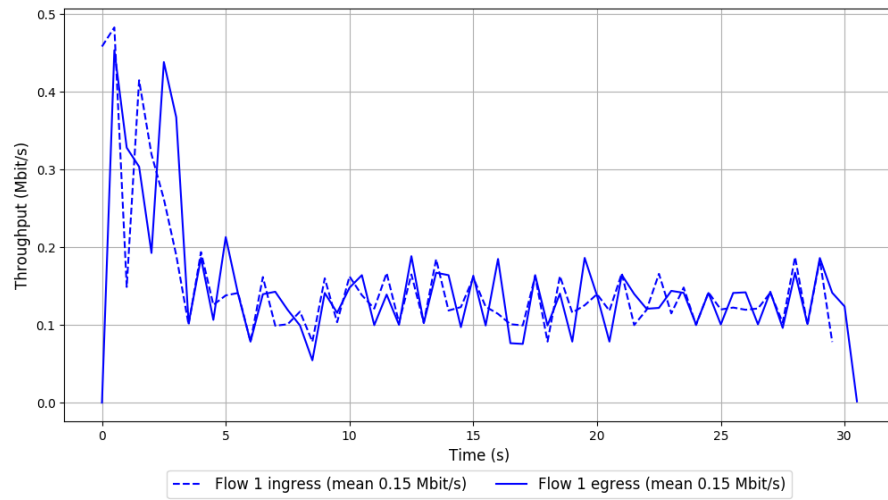


Run 3: Statistics of Sprout

Start at: 2018-07-04 11:18:38
End at: 2018-07-04 11:19:08
Local clock offset: -0.058 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.837 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

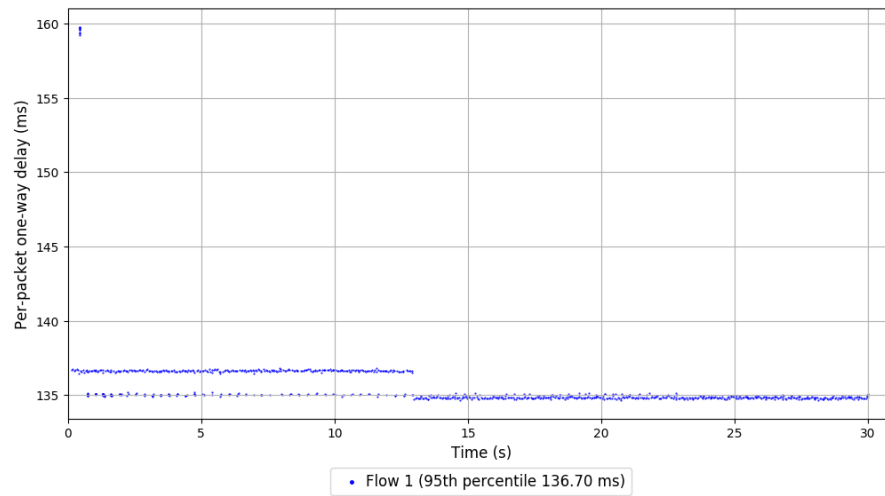
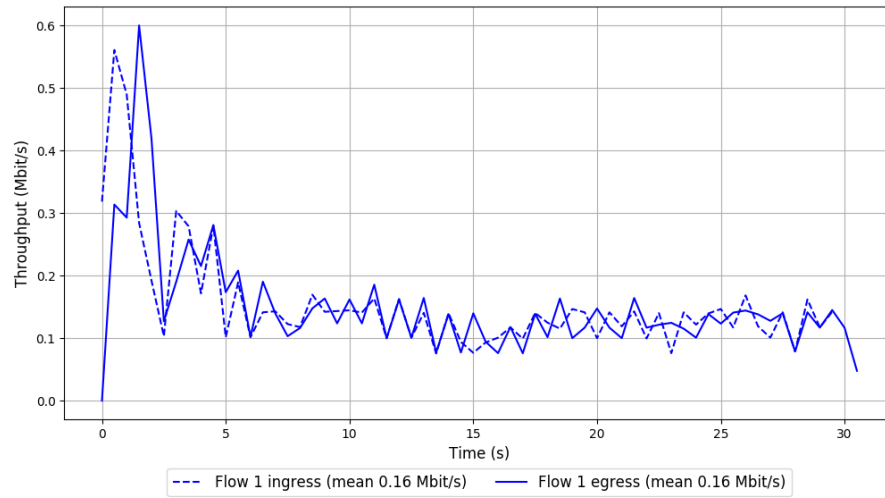


Run 4: Statistics of Sprout

Start at: 2018-07-04 11:41:05
End at: 2018-07-04 11:41:35
Local clock offset: -0.116 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2018-07-04 15:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.703 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

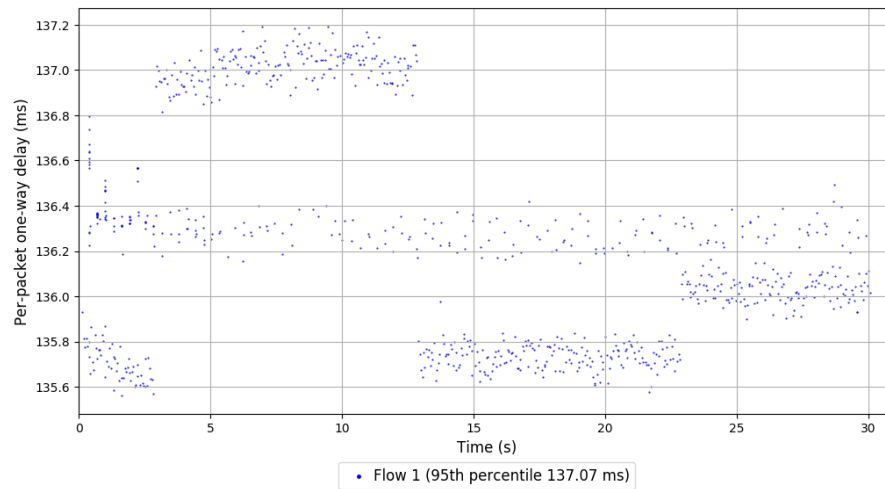
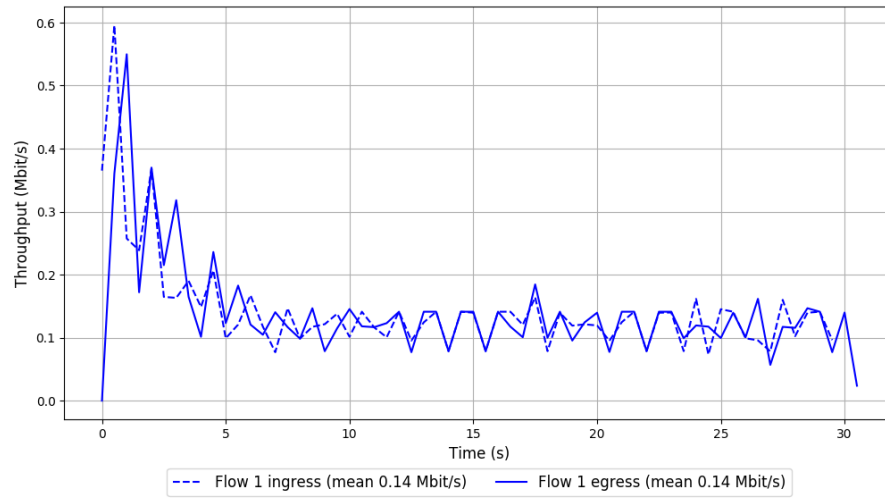


Run 5: Statistics of Sprout

Start at: 2018-07-04 12:04:05
End at: 2018-07-04 12:04:35
Local clock offset: -0.144 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 137.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 137.071 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-07-04 12:27:04

End at: 2018-07-04 12:27:34

Local clock offset: 0.023 ms

Remote clock offset: -0.26 ms

Below is generated by plot.py at 2018-07-04 15:43:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 136.164 ms

Loss rate: 0.00%

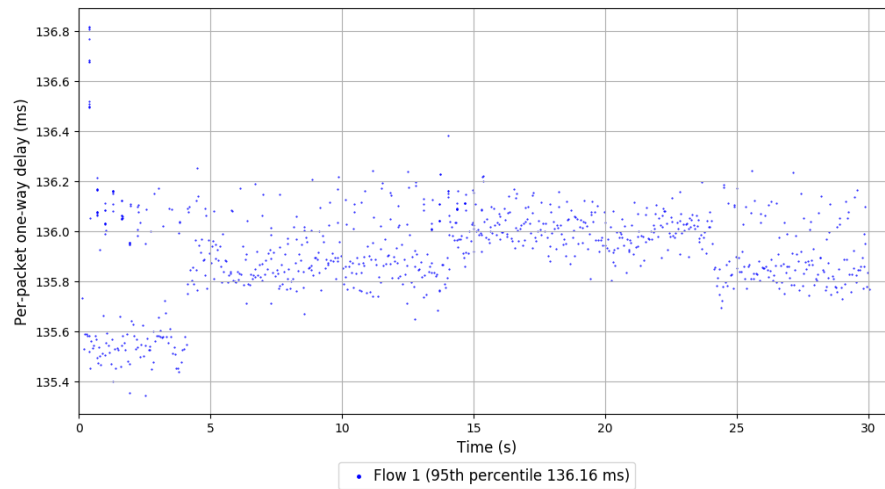
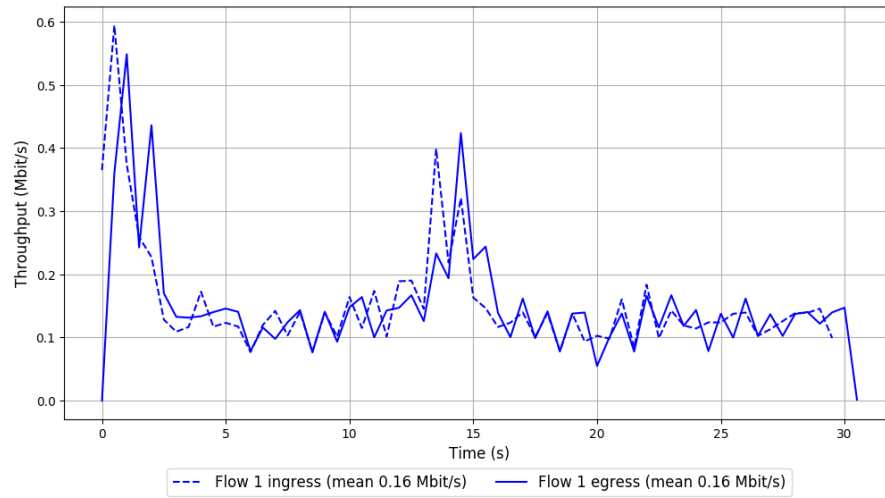
-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 136.164 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

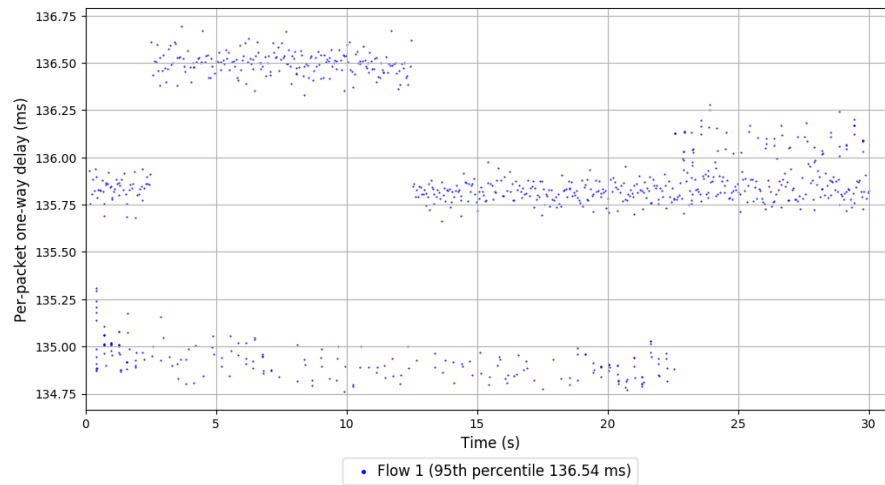
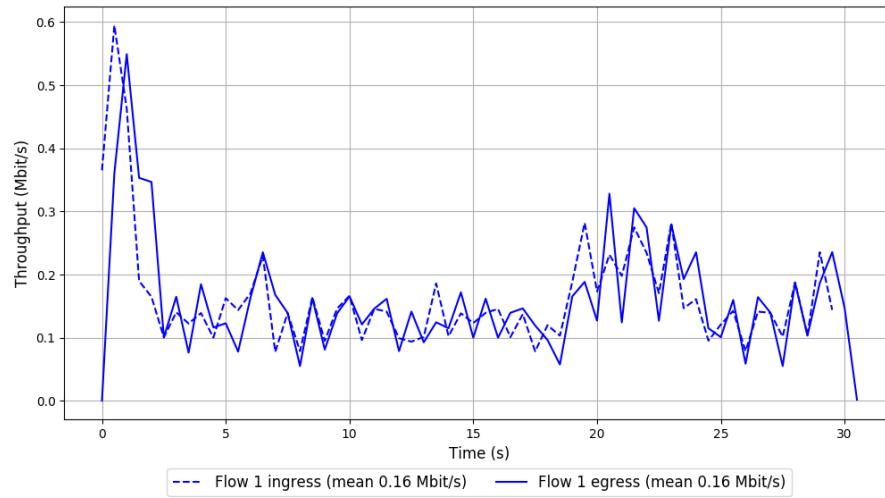


Run 7: Statistics of Sprout

Start at: 2018-07-04 12:49:56
End at: 2018-07-04 12:50:26
Local clock offset: -0.035 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.538 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

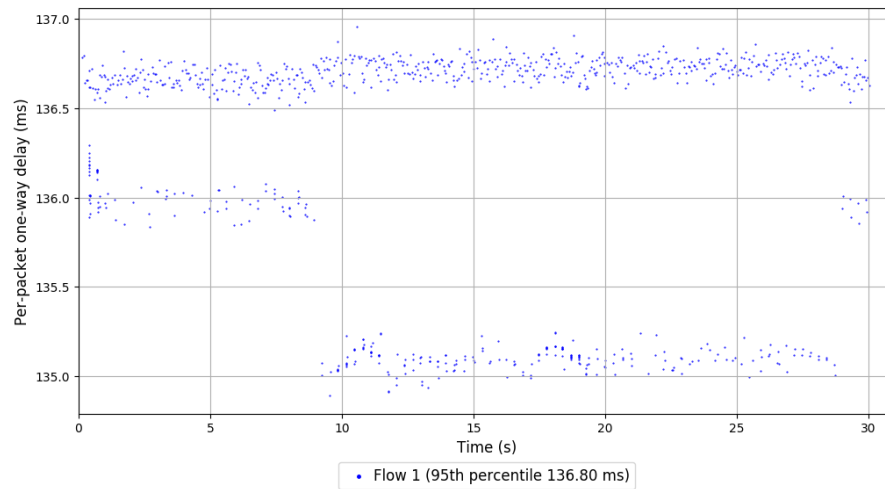
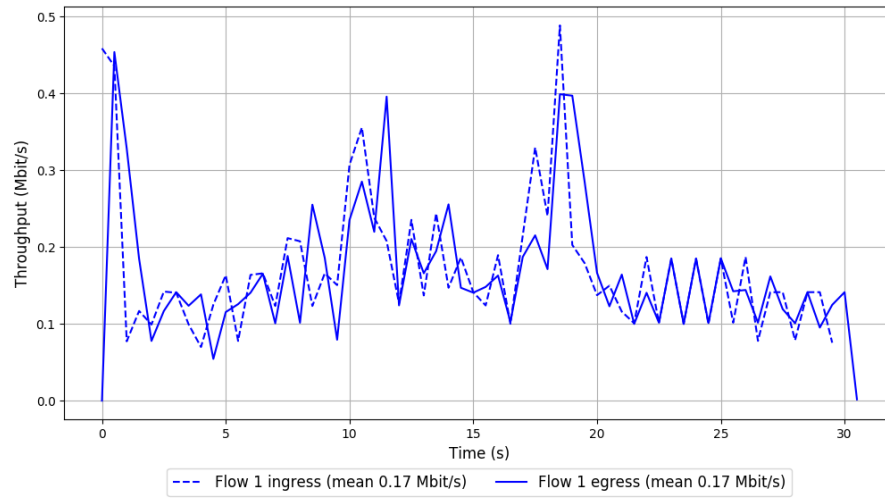


Run 8: Statistics of Sprout

Start at: 2018-07-04 13:12:49
End at: 2018-07-04 13:13:19
Local clock offset: -0.234 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.797 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

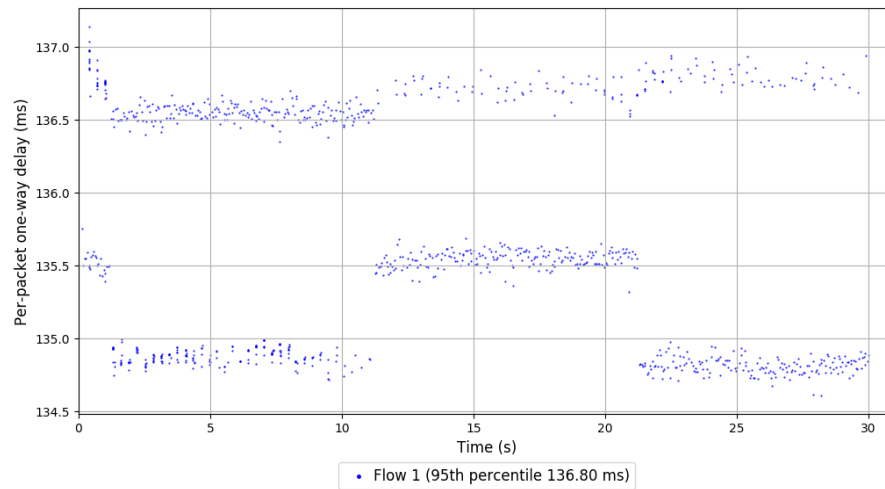
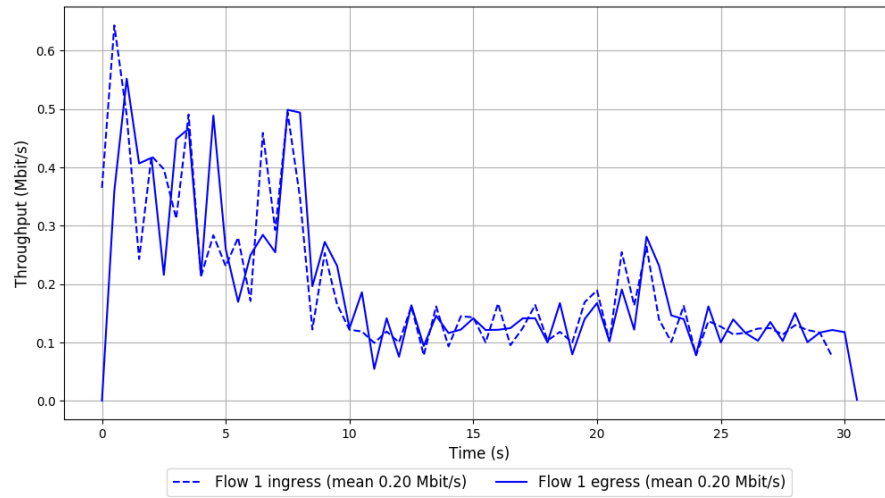


Run 9: Statistics of Sprout

Start at: 2018-07-04 13:35:27
End at: 2018-07-04 13:35:57
Local clock offset: -0.014 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.796 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

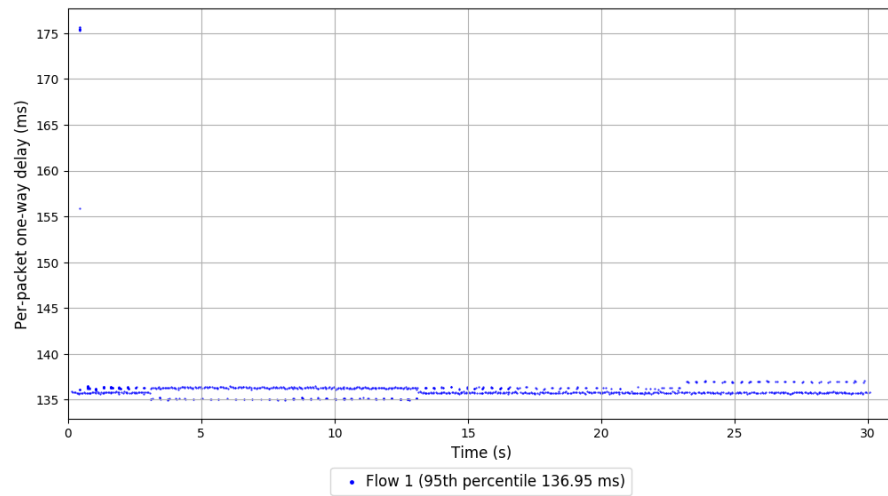
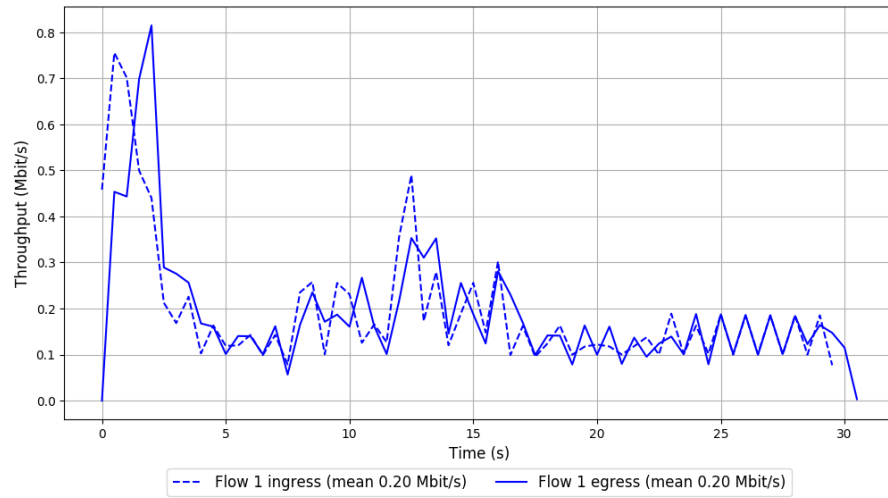


Run 10: Statistics of Sprout

Start at: 2018-07-04 13:58:45
End at: 2018-07-04 13:59:15
Local clock offset: -0.311 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.948 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

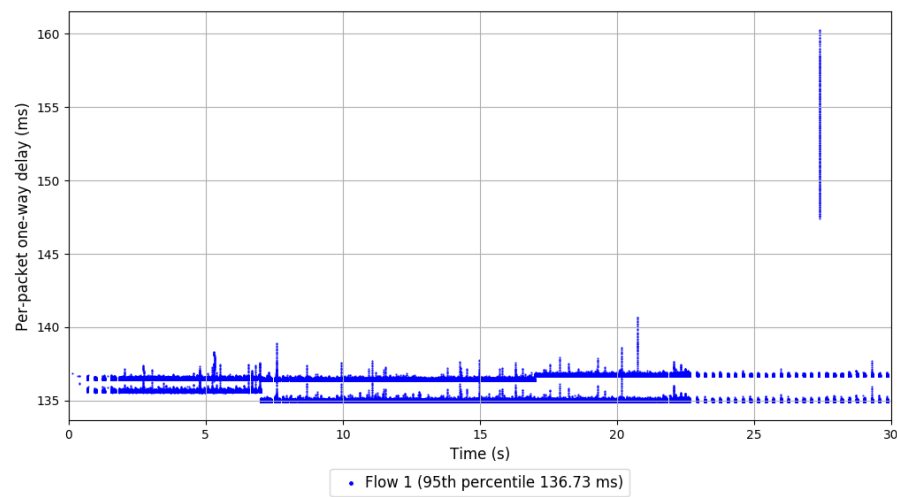
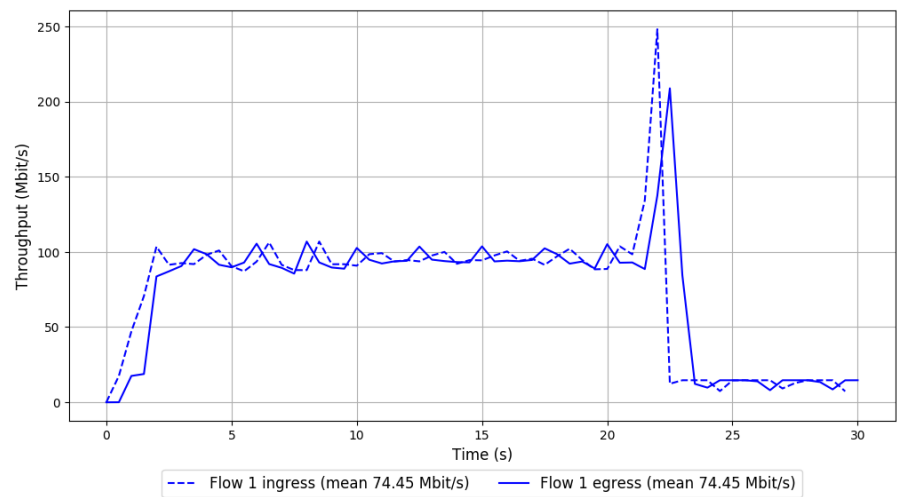


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-04 10:47:21
End at: 2018-07-04 10:47:51
Local clock offset: -0.084 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2018-07-04 15:43:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 136.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 136.731 ms
Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-04 11:10:29

End at: 2018-07-04 11:10:59

Local clock offset: 0.094 ms

Remote clock offset: -0.245 ms

Below is generated by plot.py at 2018-07-04 15:45:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.86 Mbit/s

95th percentile per-packet one-way delay: 135.947 ms

Loss rate: 0.00%

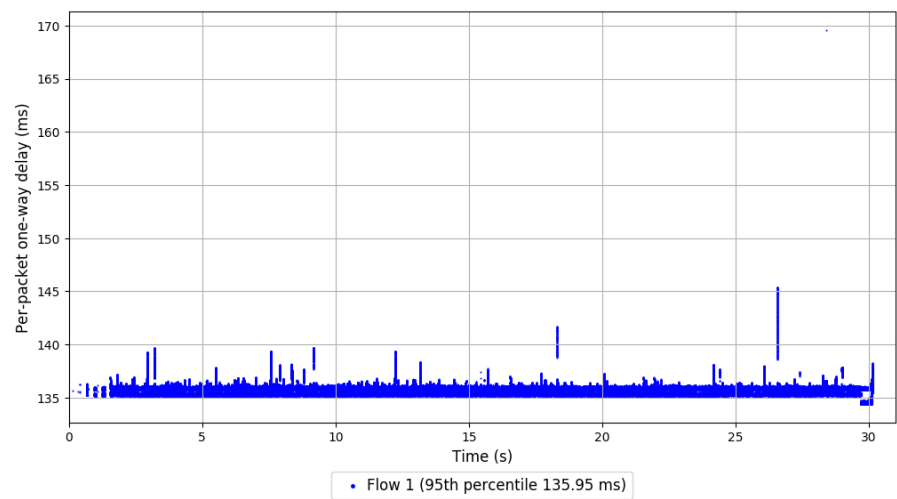
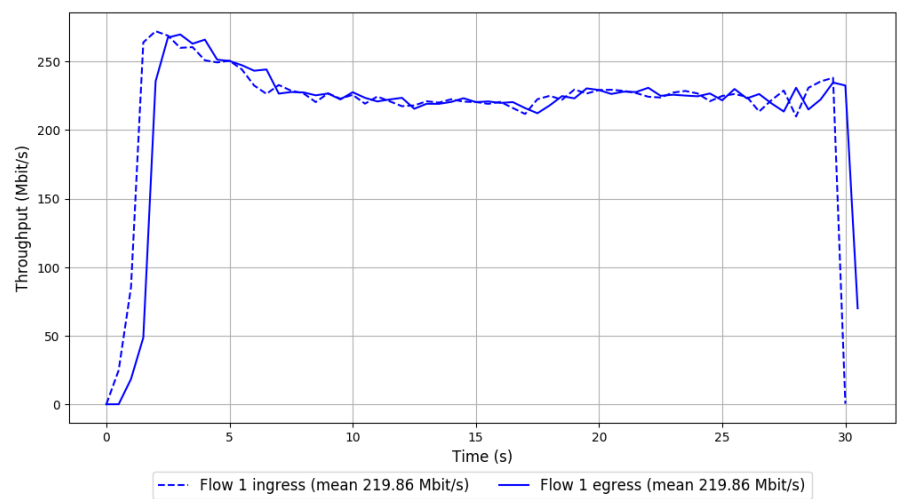
-- Flow 1:

Average throughput: 219.86 Mbit/s

95th percentile per-packet one-way delay: 135.947 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-07-04 11:33:33

End at: 2018-07-04 11:34:03

Local clock offset: 0.165 ms

Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 15:45:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.22 Mbit/s

95th percentile per-packet one-way delay: 136.195 ms

Loss rate: 0.00%

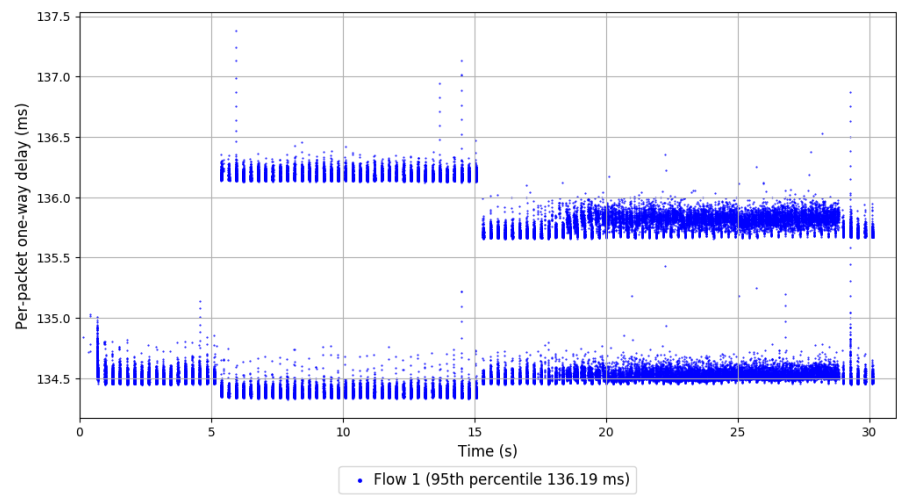
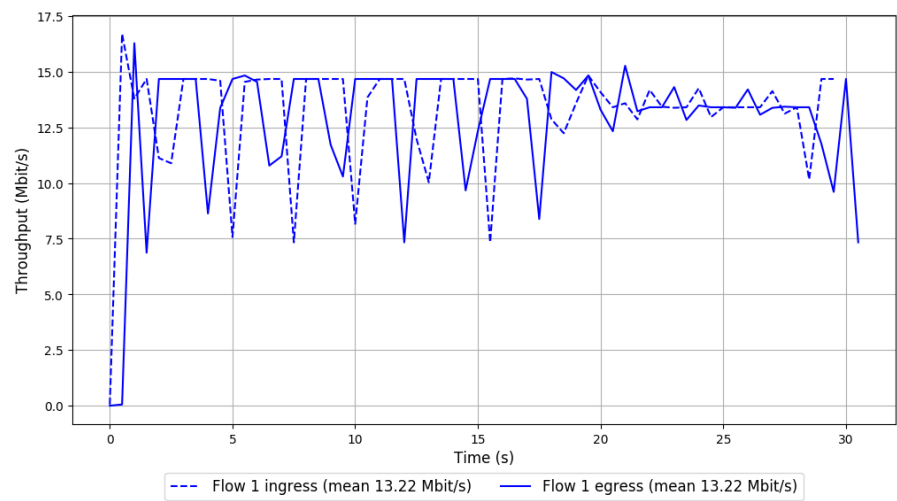
-- Flow 1:

Average throughput: 13.22 Mbit/s

95th percentile per-packet one-way delay: 136.195 ms

Loss rate: 0.00%

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

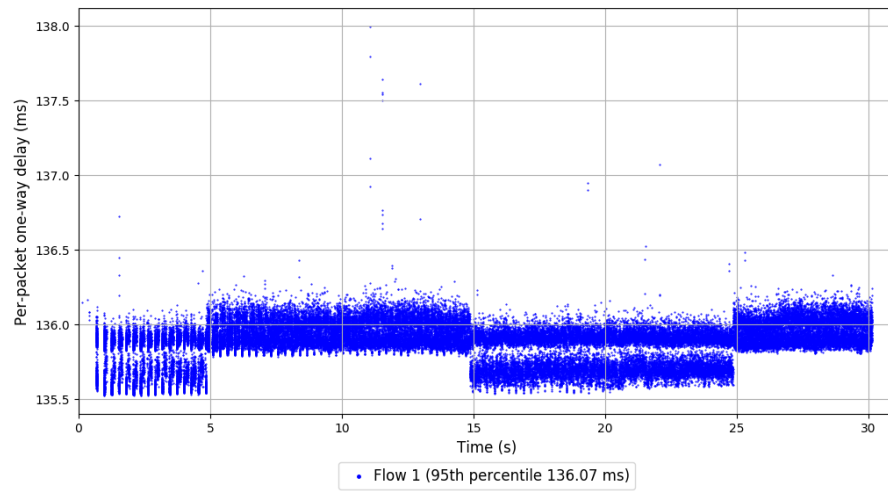
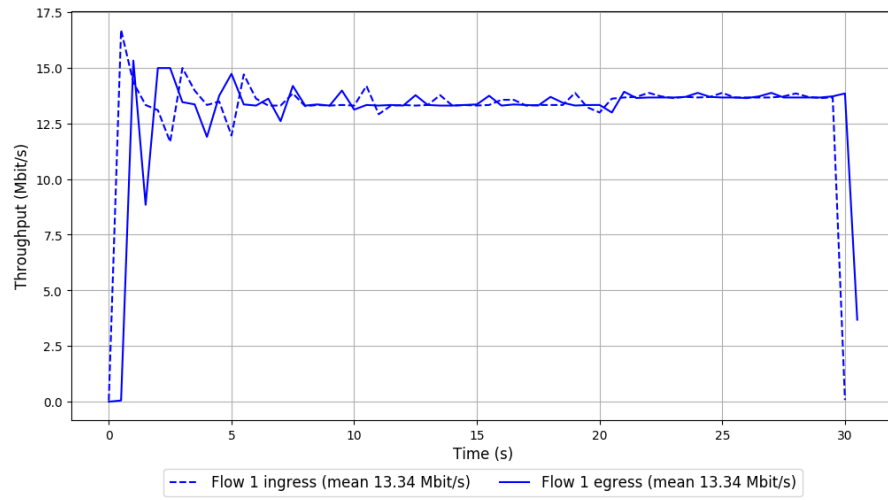


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-04 11:56:13
End at: 2018-07-04 11:56:43
Local clock offset: -0.039 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 15:45:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 136.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 136.073 ms
Loss rate: 0.00%

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

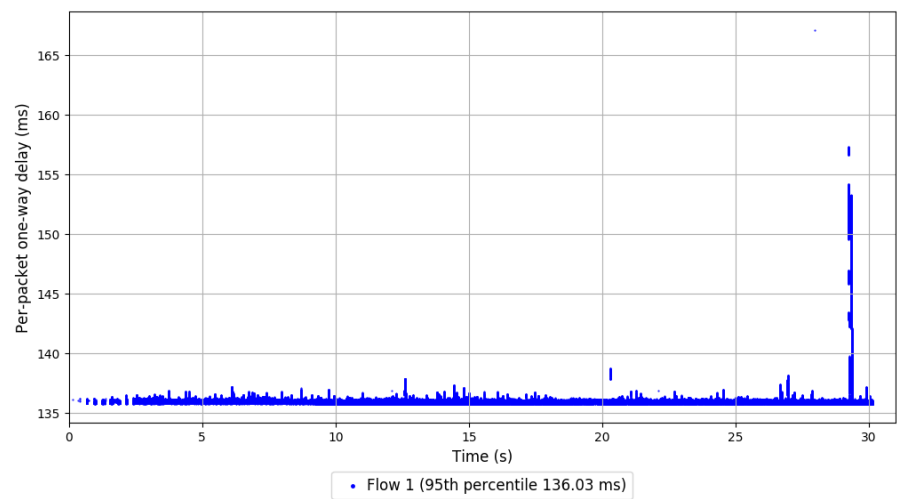
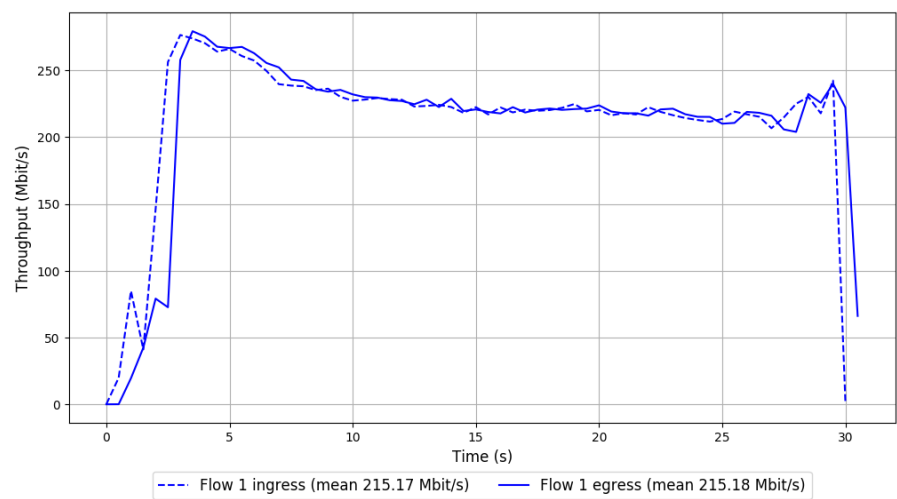


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-04 12:19:29
End at: 2018-07-04 12:19:59
Local clock offset: -0.016 ms
Remote clock offset: -0.269 ms

Below is generated by plot.py at 2018-07-04 15:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 215.18 Mbit/s
95th percentile per-packet one-way delay: 136.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.18 Mbit/s
95th percentile per-packet one-way delay: 136.026 ms
Loss rate: 0.00%

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

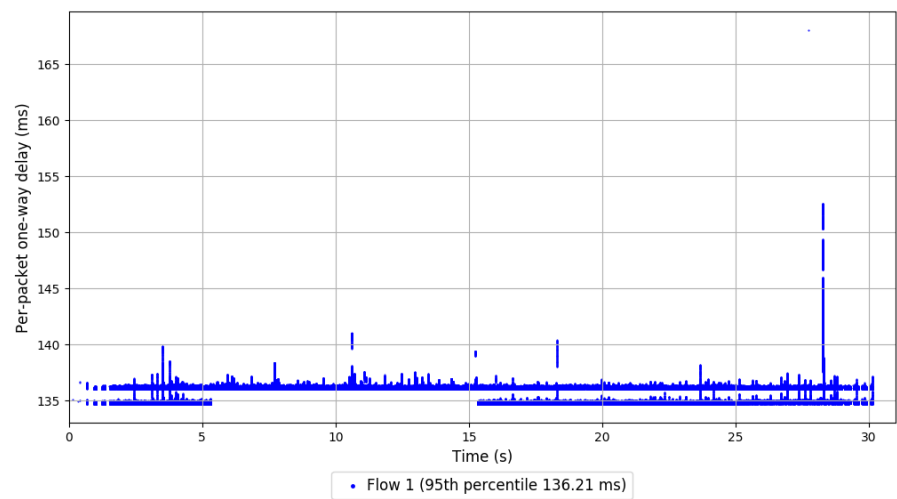
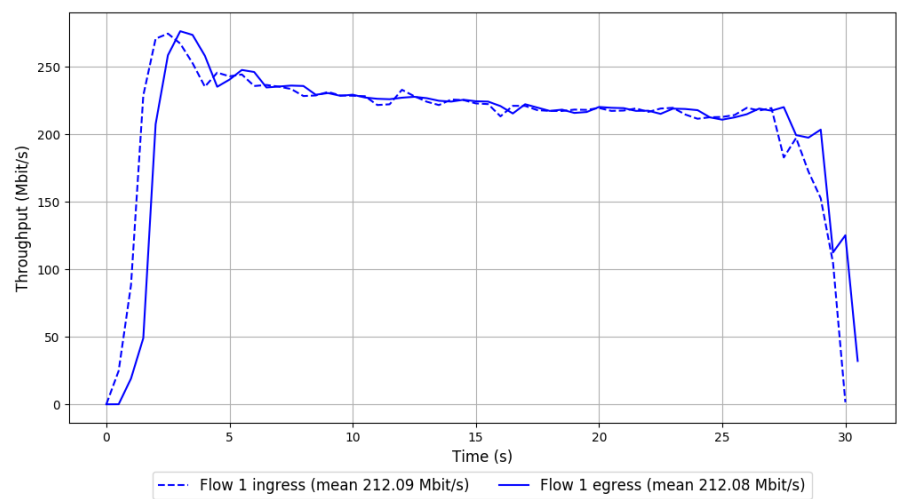


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-04 12:42:13
End at: 2018-07-04 12:42:43
Local clock offset: -0.227 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 15:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.08 Mbit/s
95th percentile per-packet one-way delay: 136.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 212.08 Mbit/s
95th percentile per-packet one-way delay: 136.206 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-04 13:05:08

End at: 2018-07-04 13:05:38

Local clock offset: 0.006 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-07-04 15:46:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.41 Mbit/s

95th percentile per-packet one-way delay: 135.827 ms

Loss rate: 0.00%

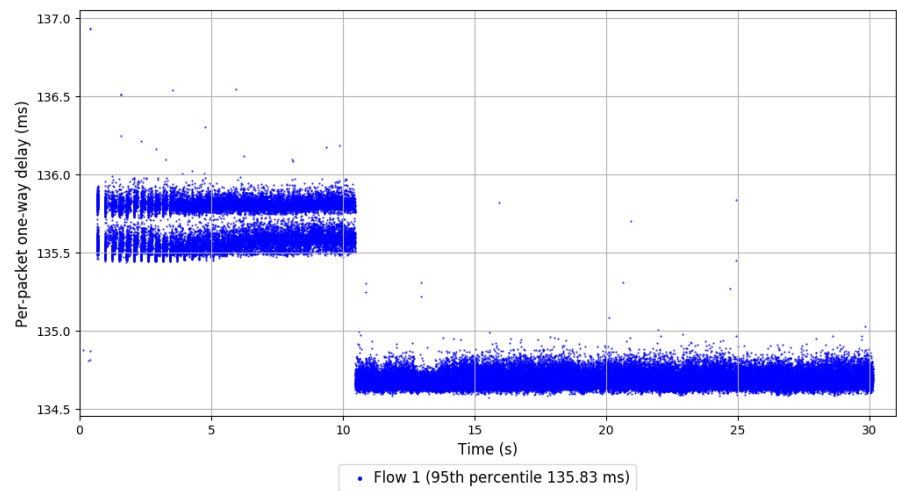
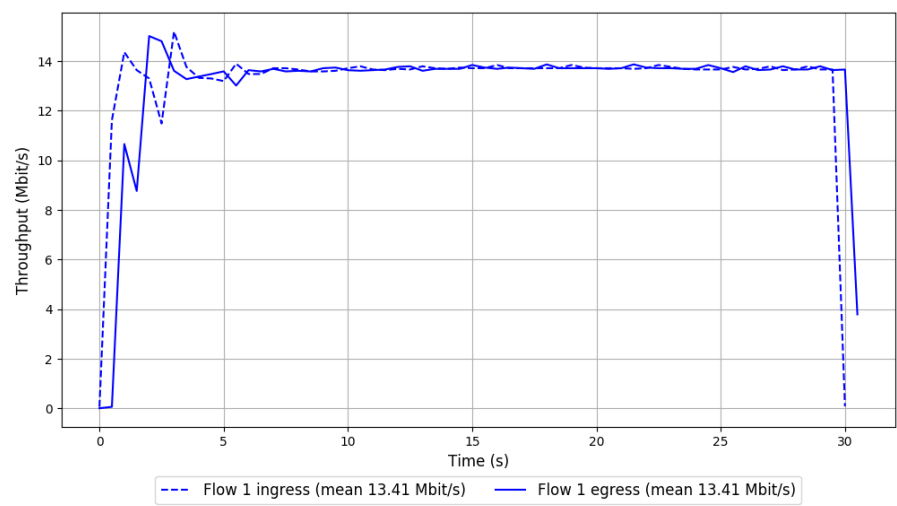
-- Flow 1:

Average throughput: 13.41 Mbit/s

95th percentile per-packet one-way delay: 135.827 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-04 13:28:07

End at: 2018-07-04 13:28:37

Local clock offset: -0.16 ms

Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 15:46:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.37 Mbit/s

95th percentile per-packet one-way delay: 136.729 ms

Loss rate: 0.00%

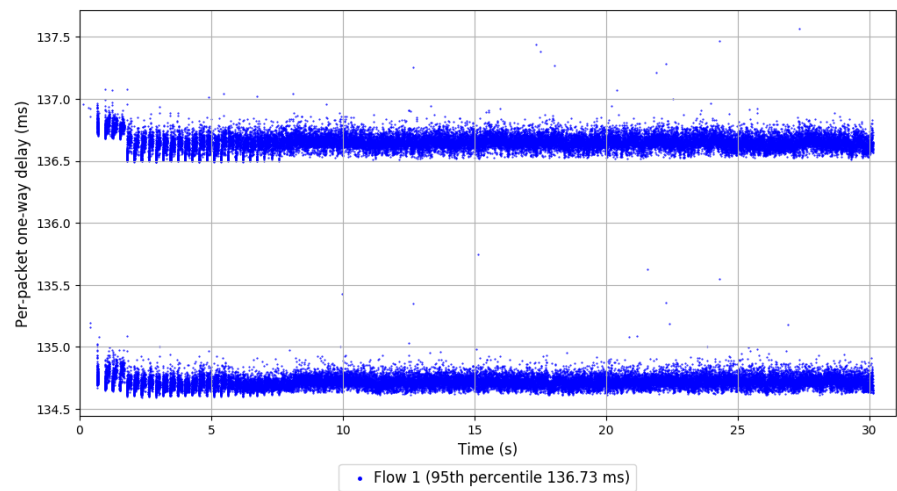
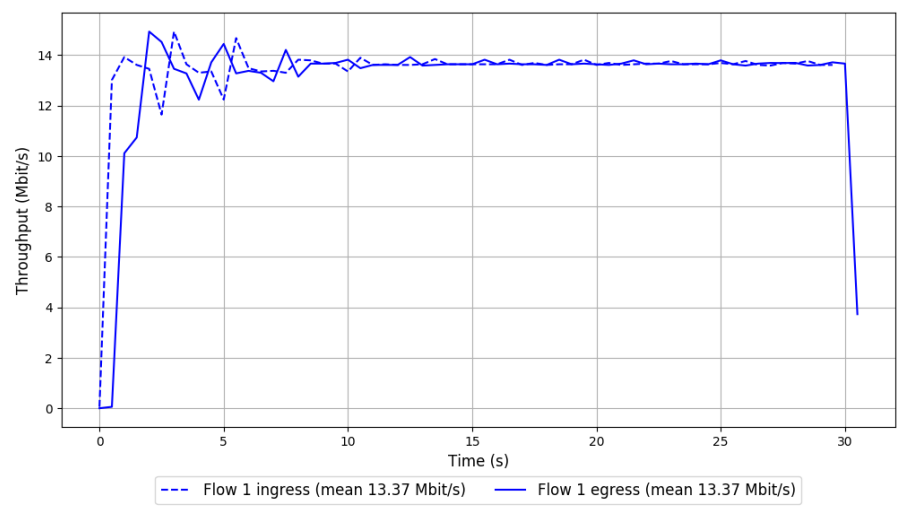
-- Flow 1:

Average throughput: 13.37 Mbit/s

95th percentile per-packet one-way delay: 136.729 ms

Loss rate: 0.00%

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

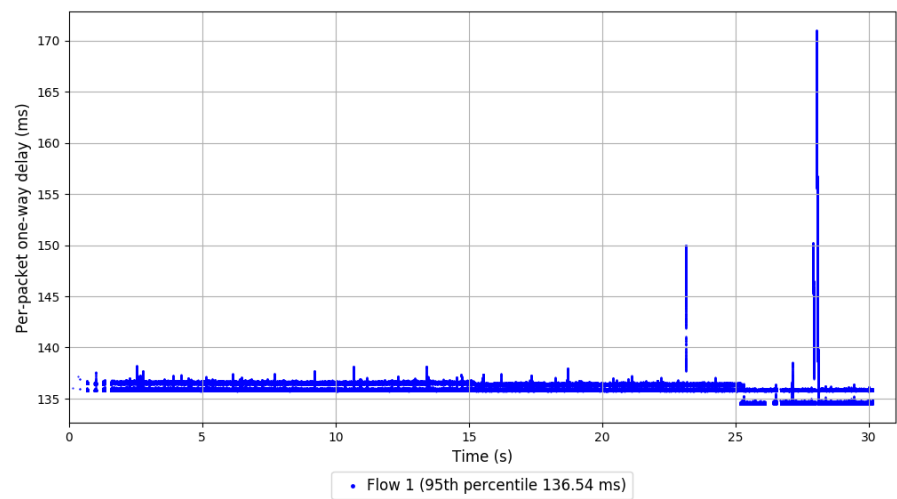
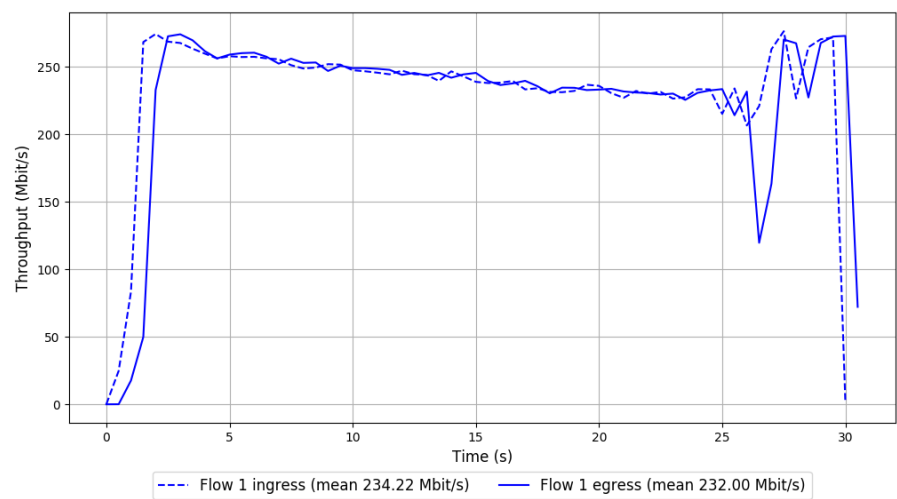


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-04 13:50:43
End at: 2018-07-04 13:51:13
Local clock offset: -0.013 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 232.00 Mbit/s
95th percentile per-packet one-way delay: 136.544 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 232.00 Mbit/s
95th percentile per-packet one-way delay: 136.544 ms
Loss rate: 0.95%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-04 14:14:03

End at: 2018-07-04 14:14:33

Local clock offset: 0.1 ms

Remote clock offset: -0.153 ms

Below is generated by plot.py at 2018-07-04 15:47:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 213.97 Mbit/s

95th percentile per-packet one-way delay: 135.809 ms

Loss rate: 0.00%

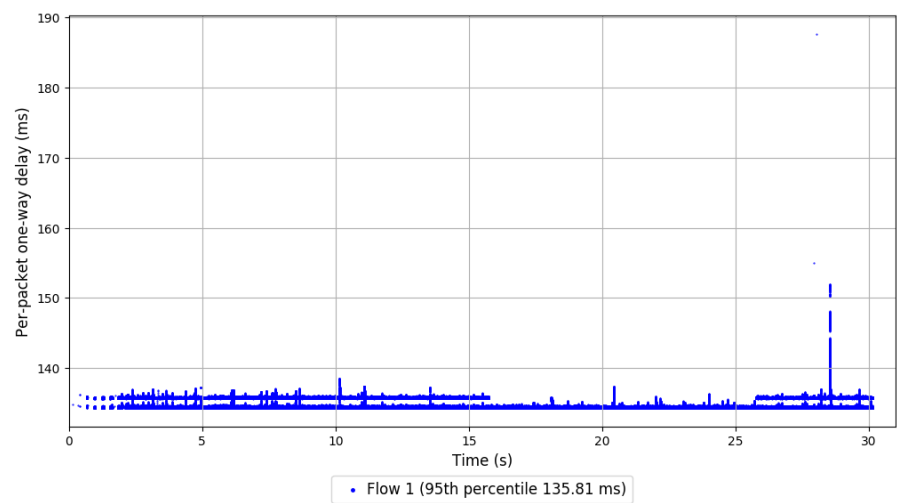
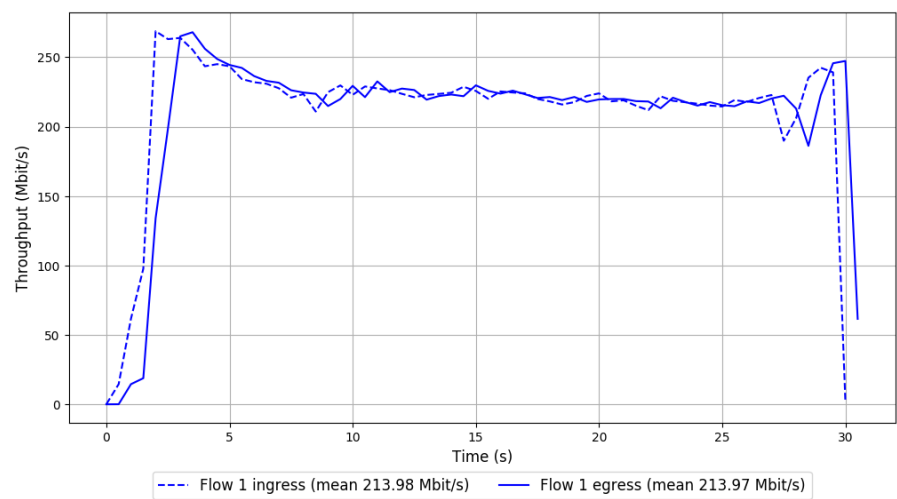
-- Flow 1:

Average throughput: 213.97 Mbit/s

95th percentile per-packet one-way delay: 135.809 ms

Loss rate: 0.00%

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

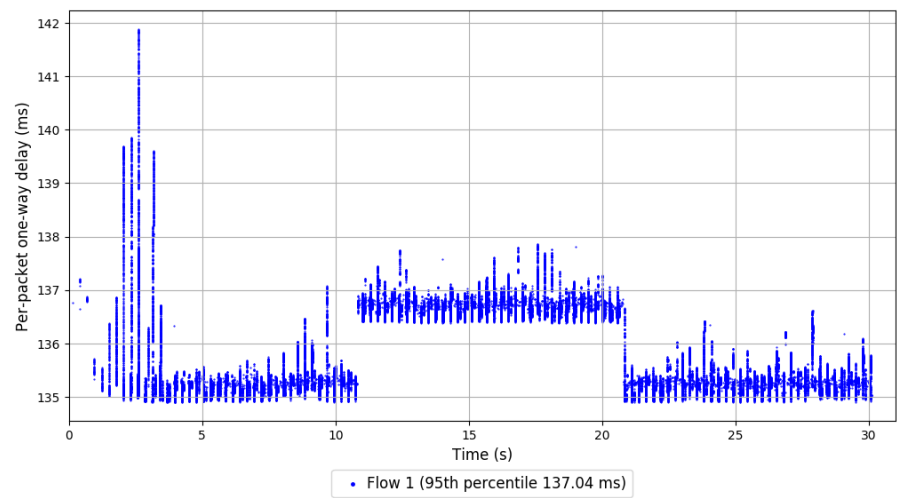
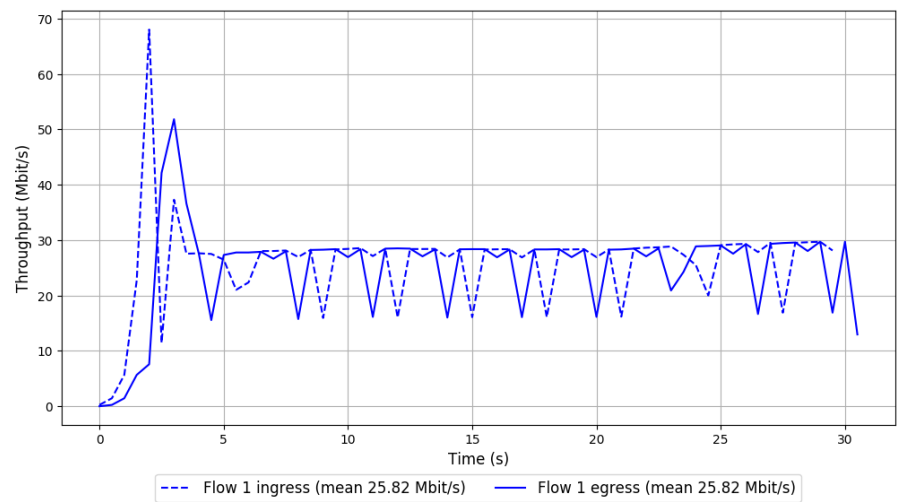


Run 1: Statistics of TCP Vegas

Start at: 2018-07-04 10:42:37
End at: 2018-07-04 10:43:07
Local clock offset: -0.123 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.82 Mbit/s
95th percentile per-packet one-way delay: 137.040 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.82 Mbit/s
95th percentile per-packet one-way delay: 137.040 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

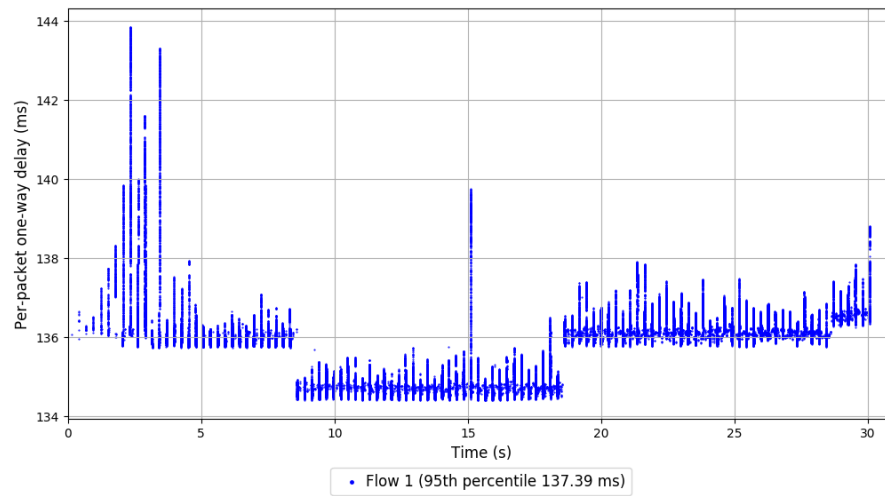
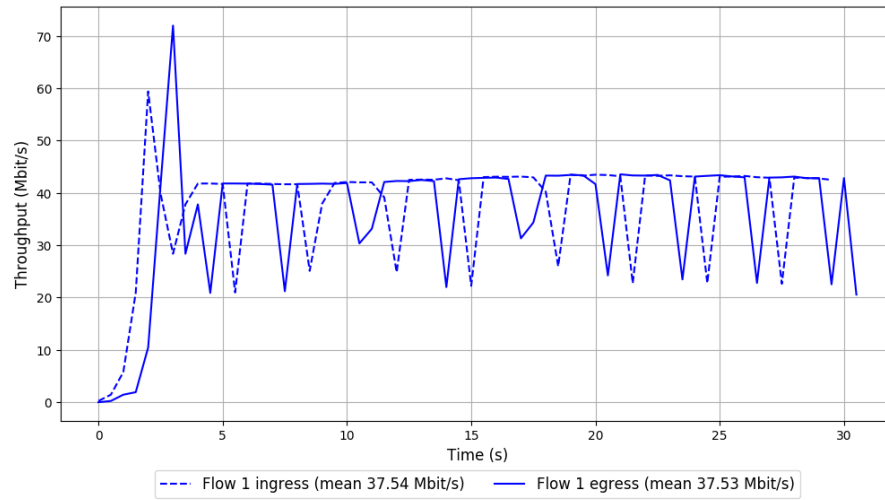


Run 2: Statistics of TCP Vegas

Start at: 2018-07-04 11:05:40
End at: 2018-07-04 11:06:10
Local clock offset: 0.131 ms
Remote clock offset: -0.169 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 137.386 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 137.386 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

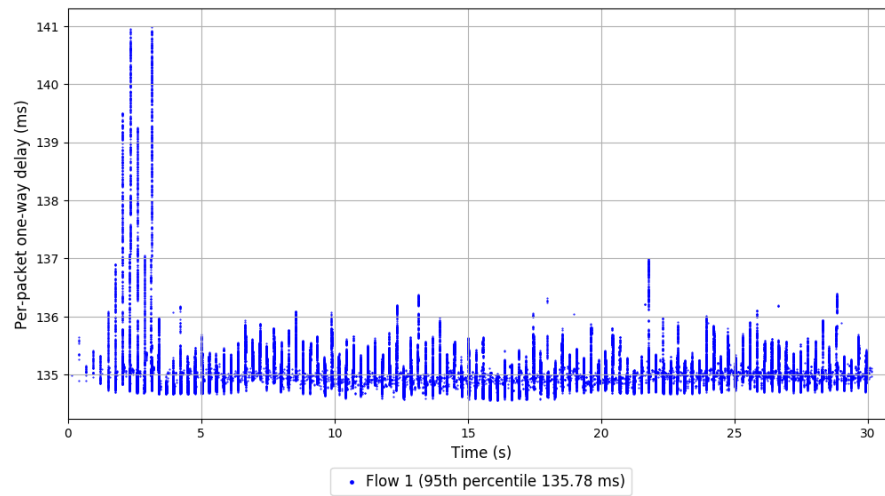
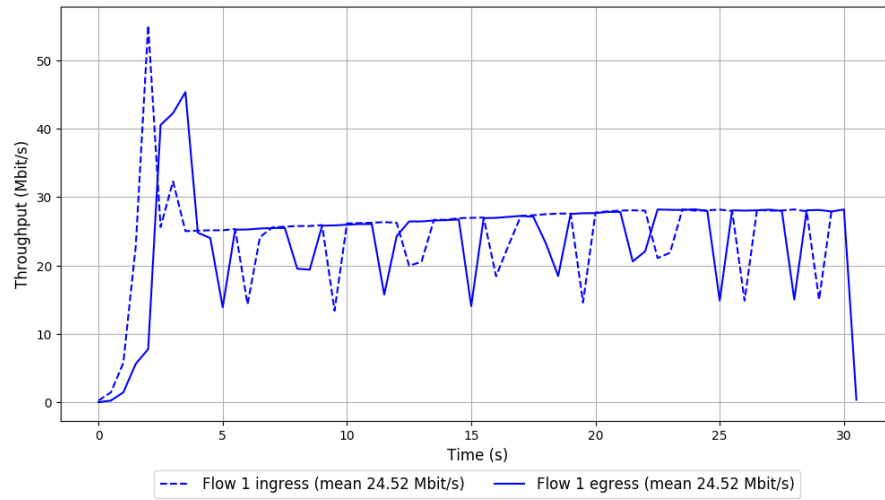


Run 3: Statistics of TCP Vegas

Start at: 2018-07-04 11:28:40
End at: 2018-07-04 11:29:10
Local clock offset: -0.016 ms
Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 135.776 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 135.776 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

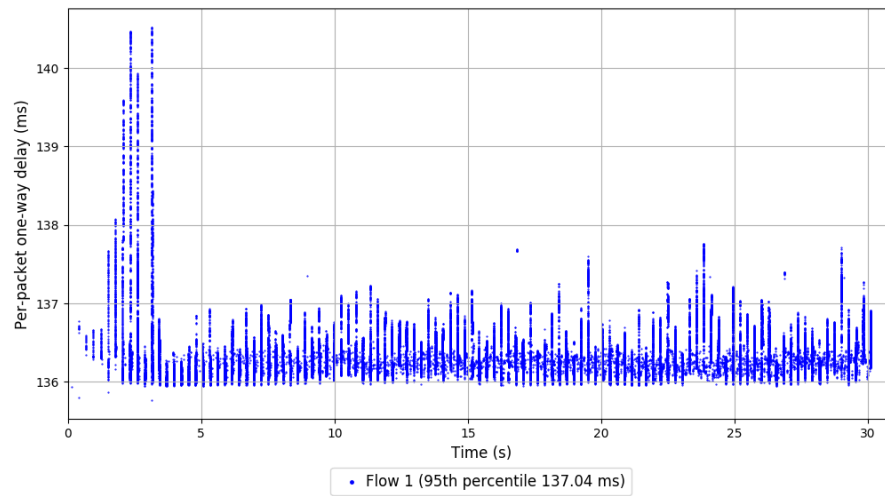
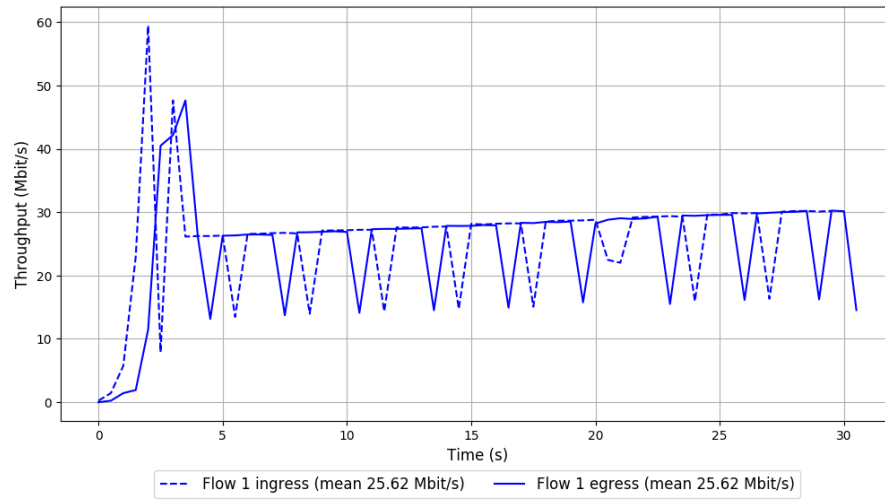


Run 4: Statistics of TCP Vegas

Start at: 2018-07-04 11:51:24
End at: 2018-07-04 11:51:54
Local clock offset: -0.127 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 137.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 137.037 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

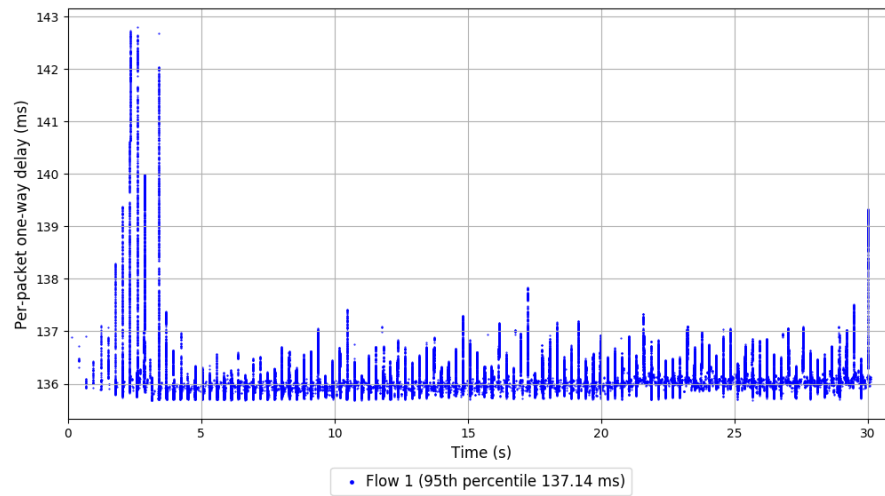
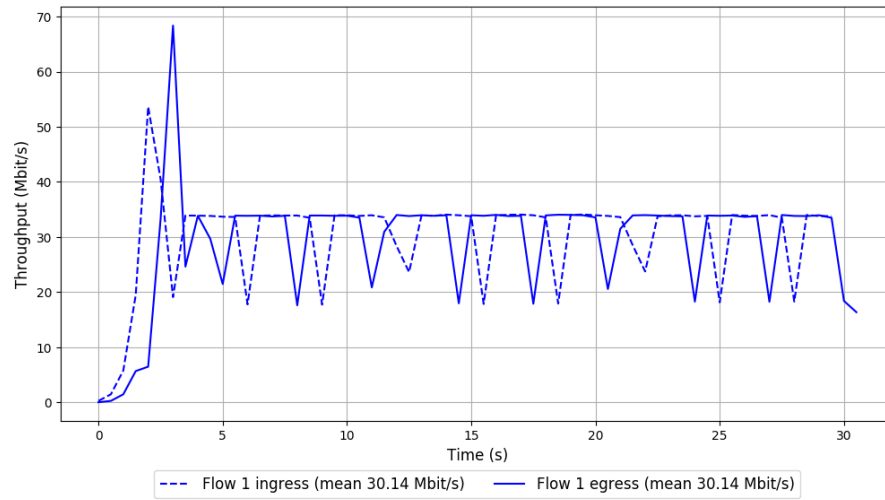


Run 5: Statistics of TCP Vegas

Start at: 2018-07-04 12:14:33
End at: 2018-07-04 12:15:03
Local clock offset: 0.135 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 137.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 137.143 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

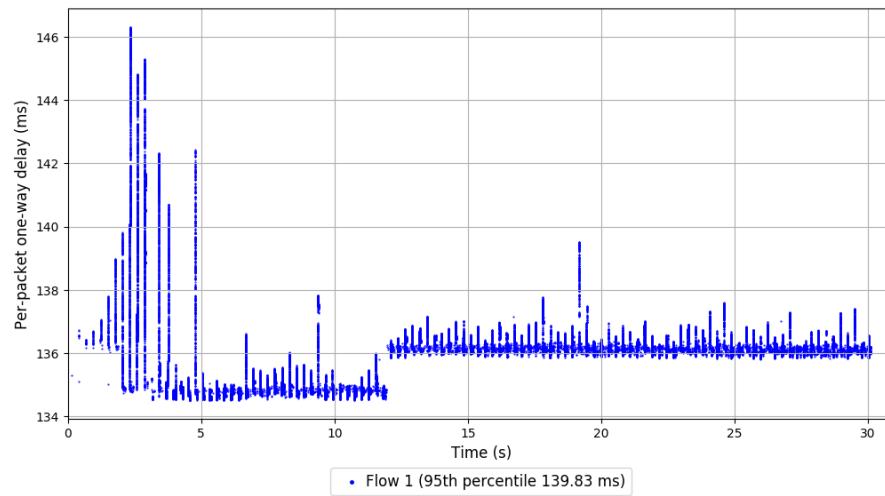
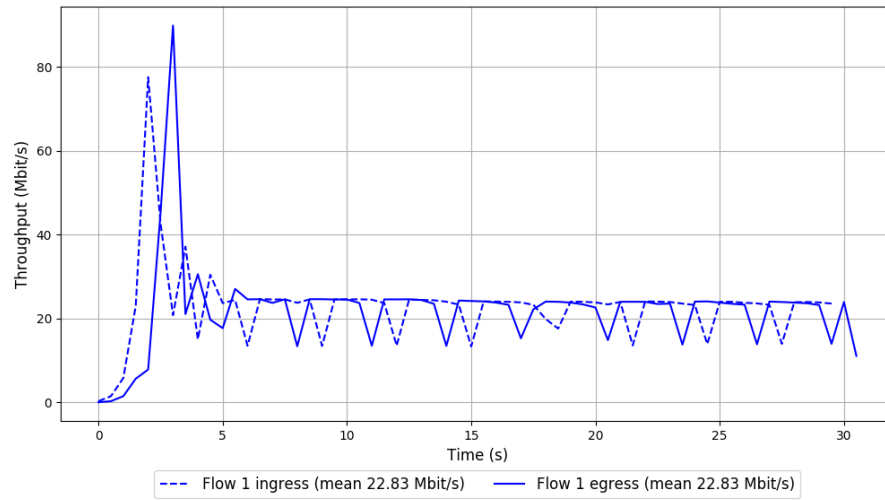


Run 6: Statistics of TCP Vegas

Start at: 2018-07-04 12:37:26
End at: 2018-07-04 12:37:56
Local clock offset: -0.049 ms
Remote clock offset: -0.263 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 139.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 139.834 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

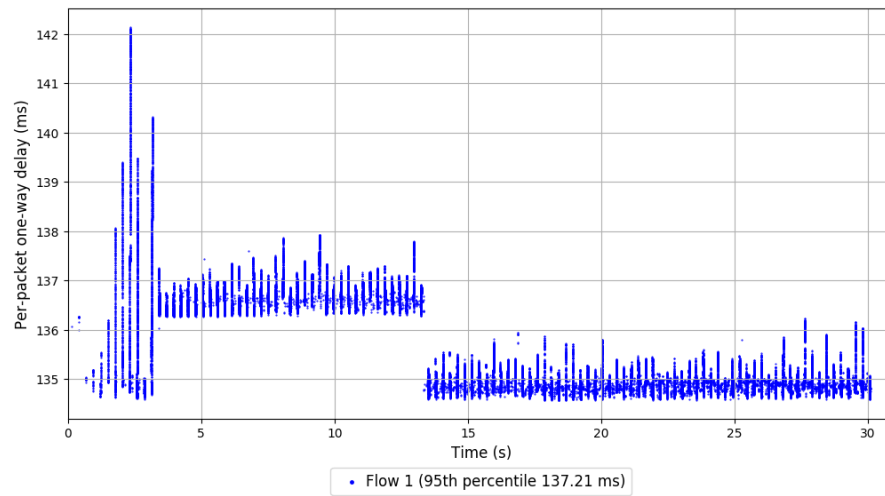
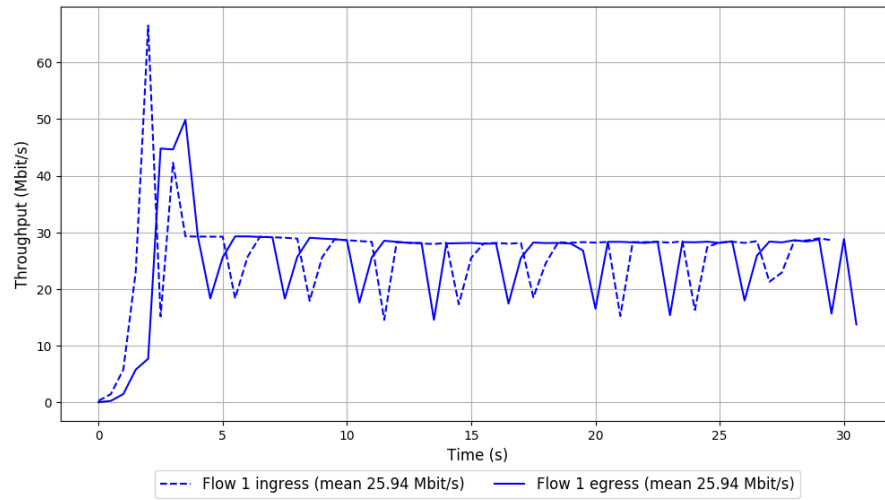


Run 7: Statistics of TCP Vegas

Start at: 2018-07-04 13:00:25
End at: 2018-07-04 13:00:55
Local clock offset: -0.031 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 137.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 137.205 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

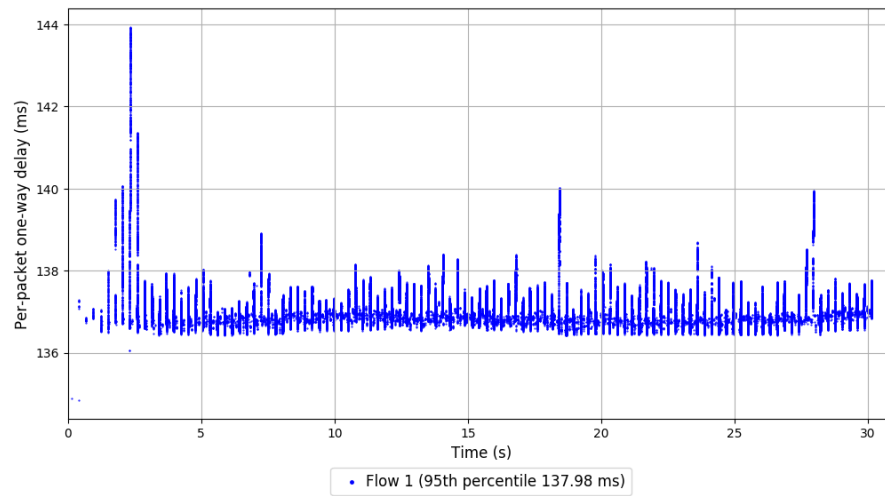
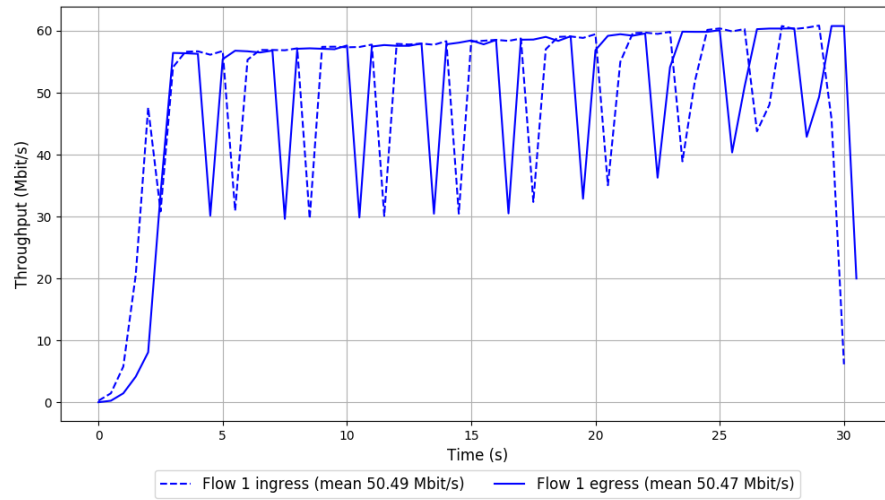


Run 8: Statistics of TCP Vegas

Start at: 2018-07-04 13:23:20
End at: 2018-07-04 13:23:50
Local clock offset: -0.102 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 137.982 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 137.982 ms
Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link

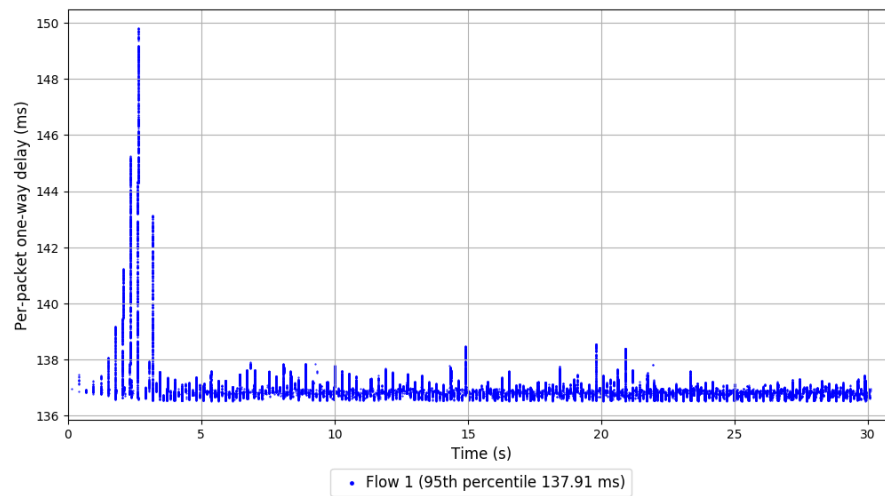
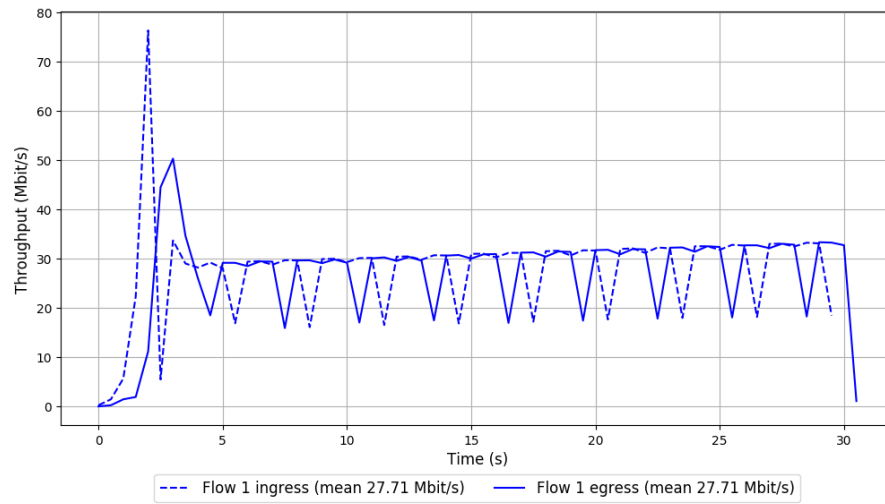


Run 9: Statistics of TCP Vegas

Start at: 2018-07-04 13:45:52
End at: 2018-07-04 13:46:22
Local clock offset: -0.154 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 137.914 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 137.914 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-07-04 14:09:07

End at: 2018-07-04 14:09:37

Local clock offset: -0.031 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-04 15:47:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.47 Mbit/s

95th percentile per-packet one-way delay: 137.268 ms

Loss rate: 0.00%

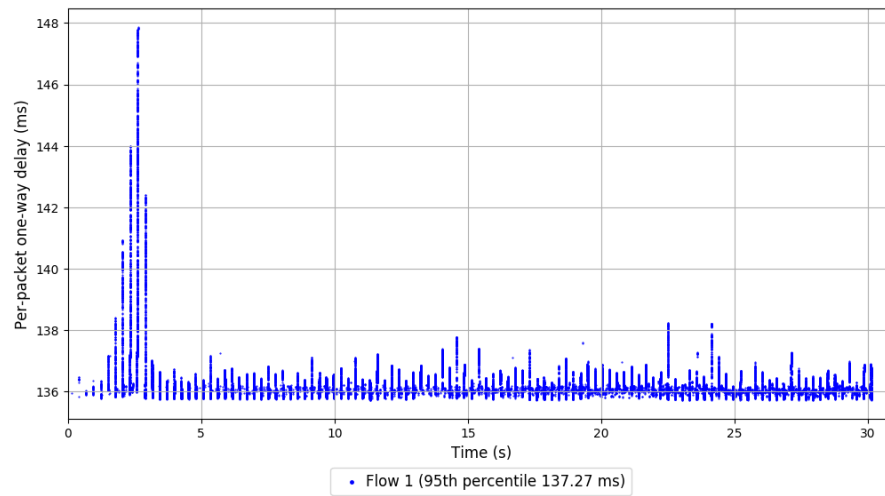
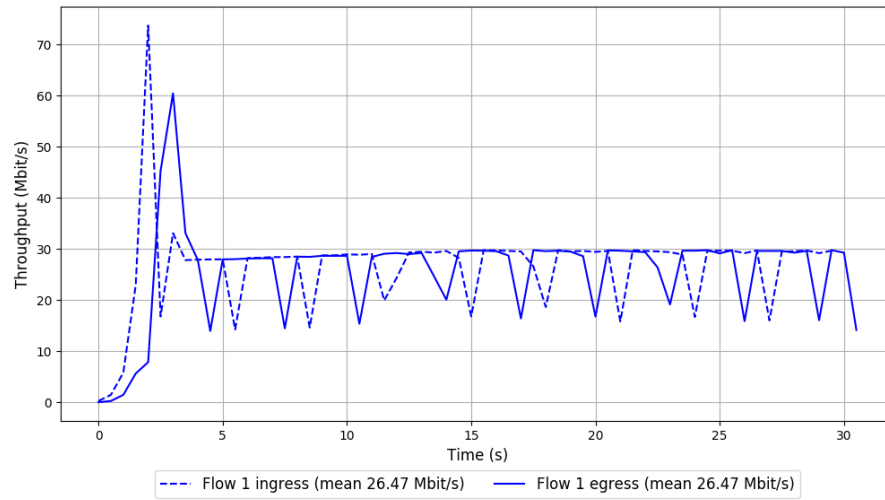
-- Flow 1:

Average throughput: 26.47 Mbit/s

95th percentile per-packet one-way delay: 137.268 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

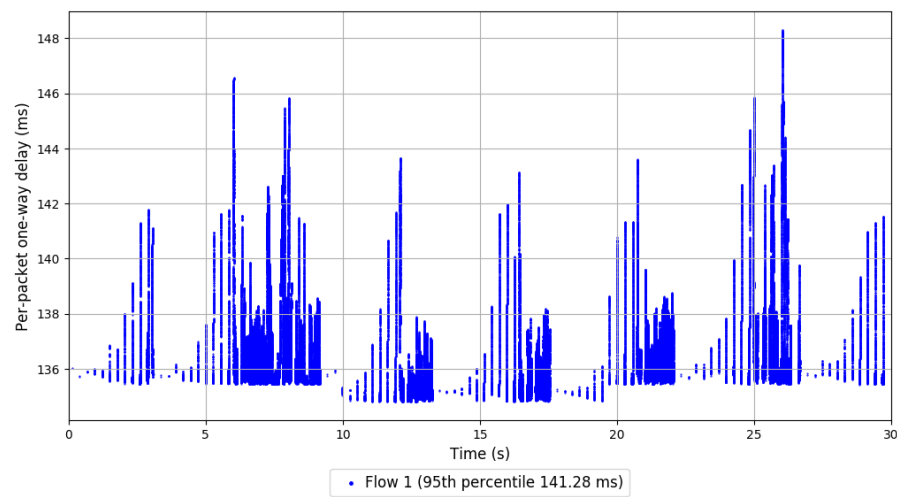
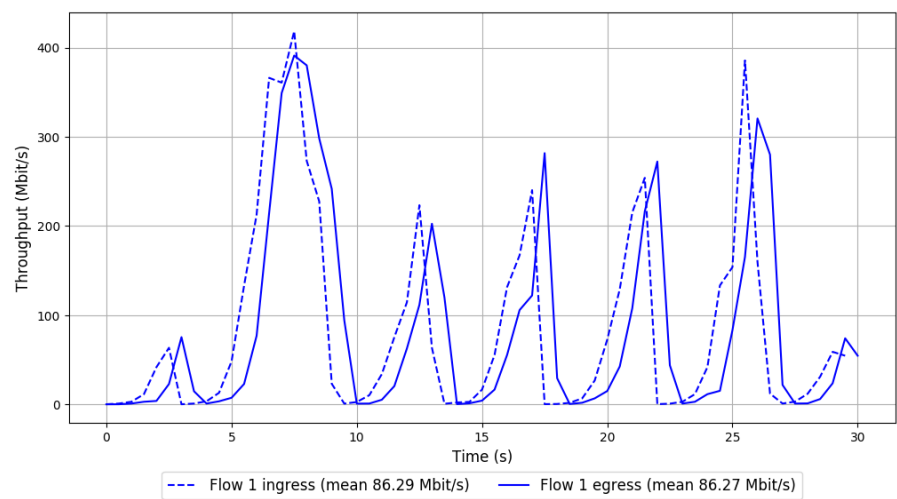


Run 1: Statistics of Verus

Start at: 2018-07-04 10:43:48
End at: 2018-07-04 10:44:18
Local clock offset: 0.002 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-07-04 15:47:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 141.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 141.277 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-07-04 11:06:51

End at: 2018-07-04 11:07:21

Local clock offset: 0.147 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-04 15:47:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 148.93 Mbit/s

95th percentile per-packet one-way delay: 193.782 ms

Loss rate: 0.01%

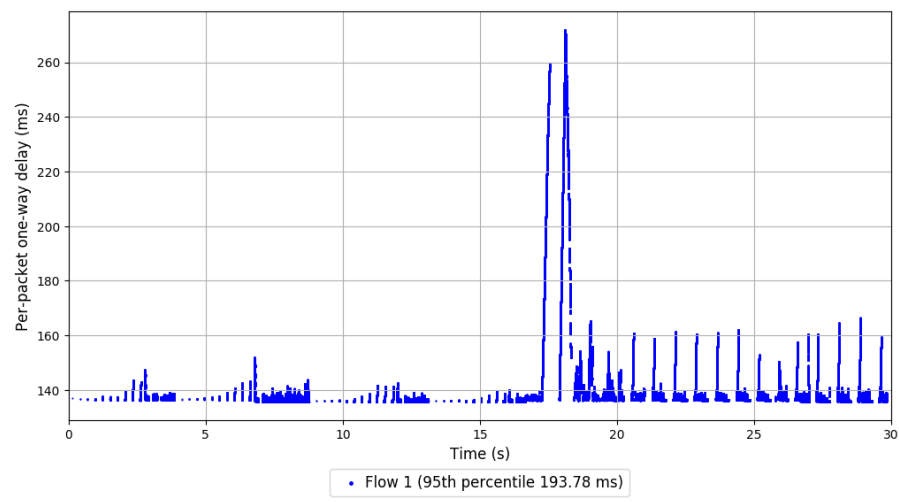
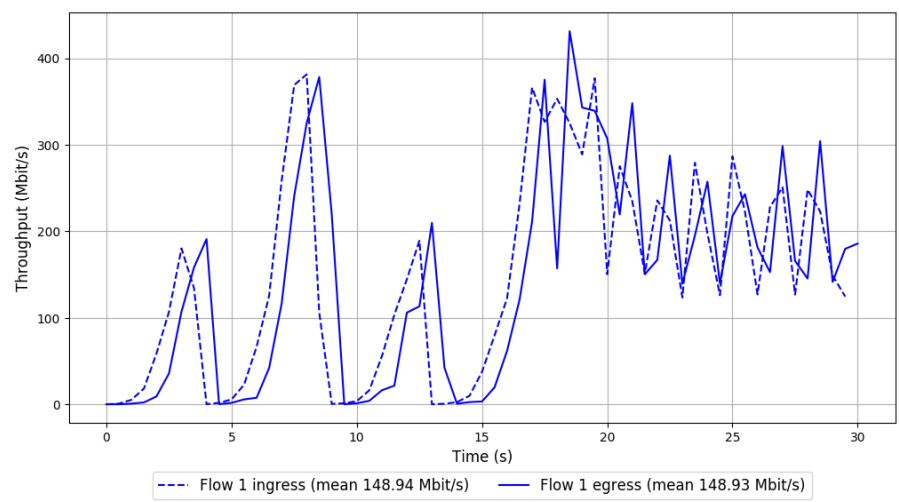
-- Flow 1:

Average throughput: 148.93 Mbit/s

95th percentile per-packet one-way delay: 193.782 ms

Loss rate: 0.01%

Run 2: Report of Verus — Data Link

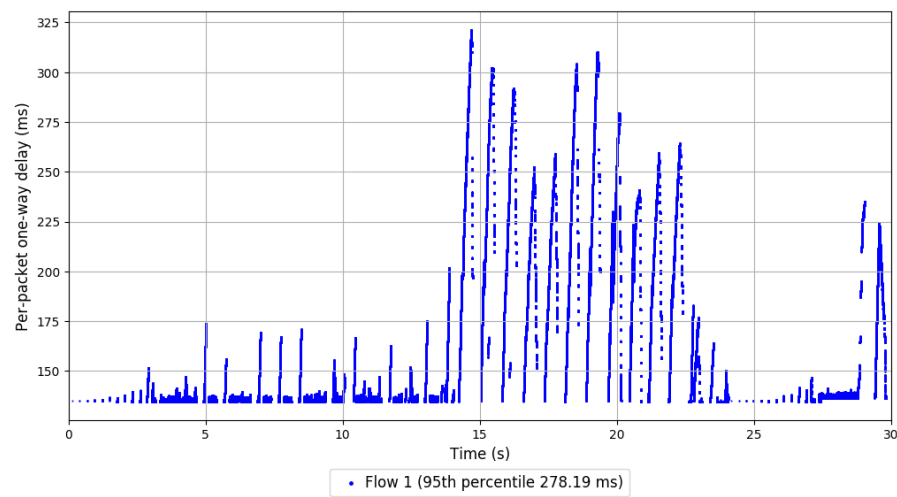
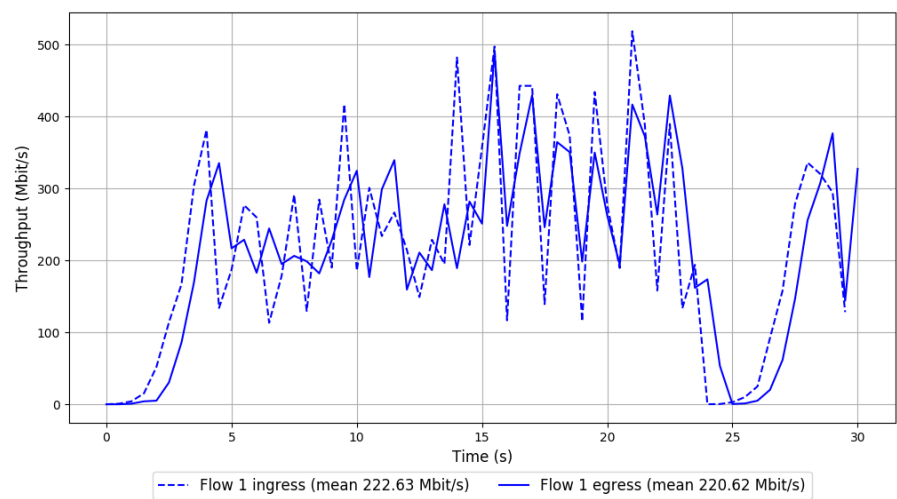


Run 3: Statistics of Verus

Start at: 2018-07-04 11:29:50
End at: 2018-07-04 11:30:20
Local clock offset: 0.026 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 15:47:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 220.62 Mbit/s
95th percentile per-packet one-way delay: 278.190 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 220.62 Mbit/s
95th percentile per-packet one-way delay: 278.190 ms
Loss rate: 0.90%

Run 3: Report of Verus — Data Link

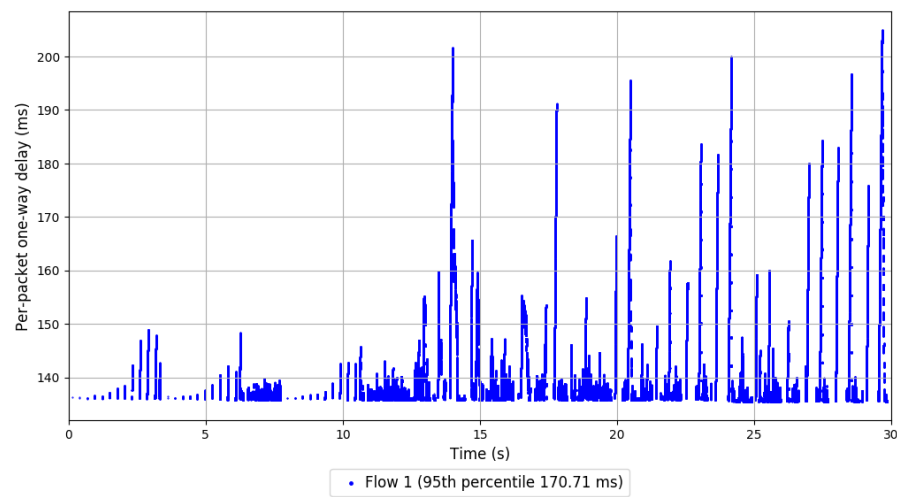
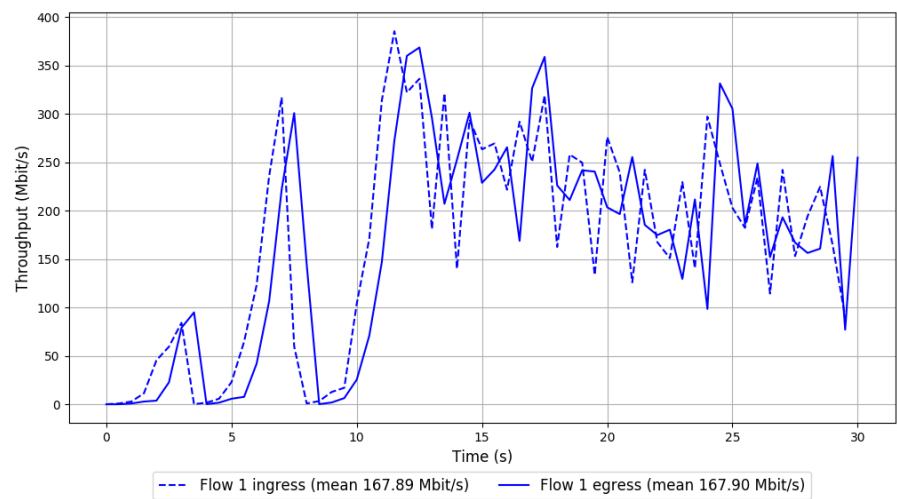


Run 4: Statistics of Verus

Start at: 2018-07-04 11:52:35
End at: 2018-07-04 11:53:05
Local clock offset: 0.056 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 15:48:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 167.90 Mbit/s
95th percentile per-packet one-way delay: 170.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 167.90 Mbit/s
95th percentile per-packet one-way delay: 170.709 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

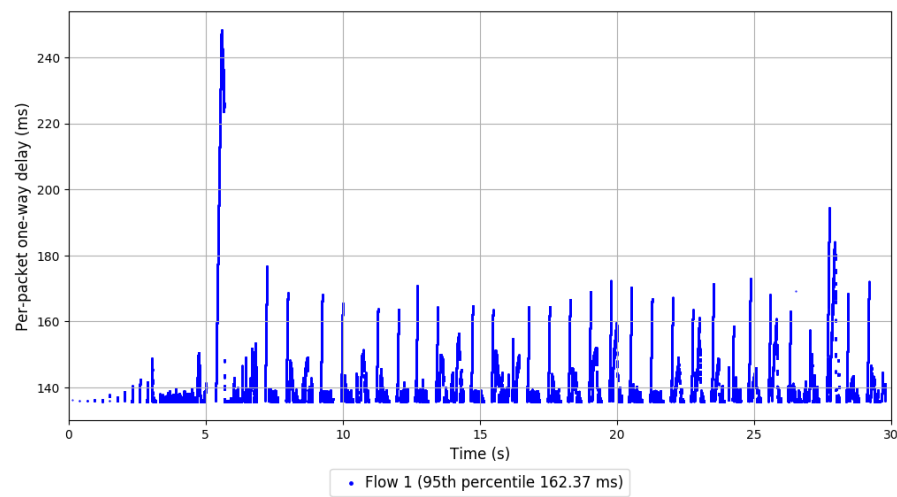
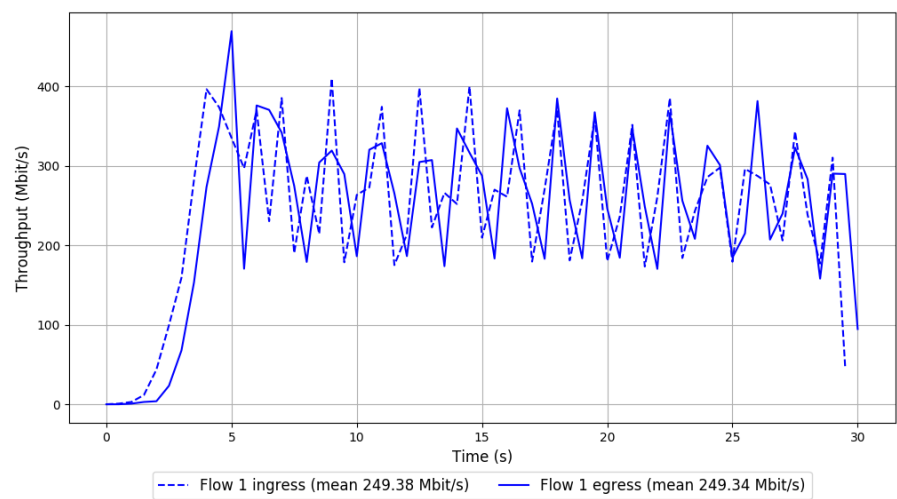


Run 5: Statistics of Verus

Start at: 2018-07-04 12:15:45
End at: 2018-07-04 12:16:15
Local clock offset: 0.121 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-07-04 15:49:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 249.34 Mbit/s
95th percentile per-packet one-way delay: 162.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 249.34 Mbit/s
95th percentile per-packet one-way delay: 162.372 ms
Loss rate: 0.00%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-07-04 12:38:37

End at: 2018-07-04 12:39:07

Local clock offset: -0.228 ms

Remote clock offset: -0.28 ms

Below is generated by plot.py at 2018-07-04 15:49:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 132.52 Mbit/s

95th percentile per-packet one-way delay: 156.014 ms

Loss rate: 0.00%

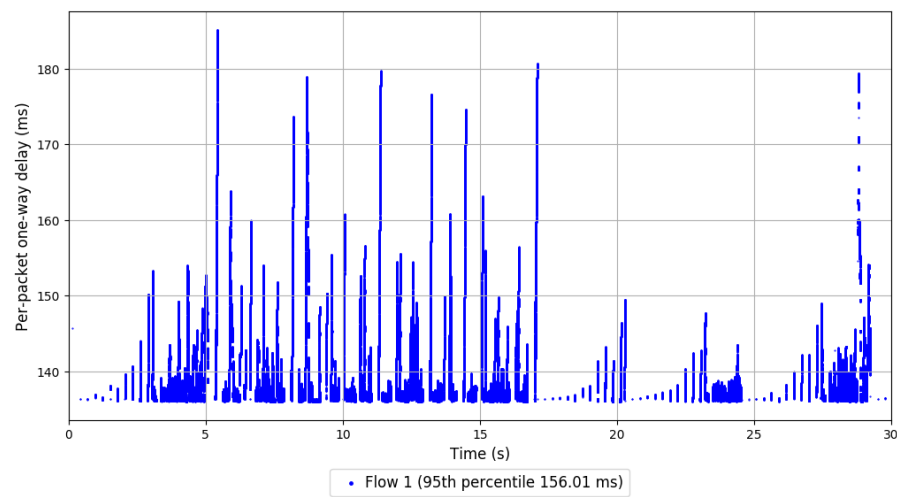
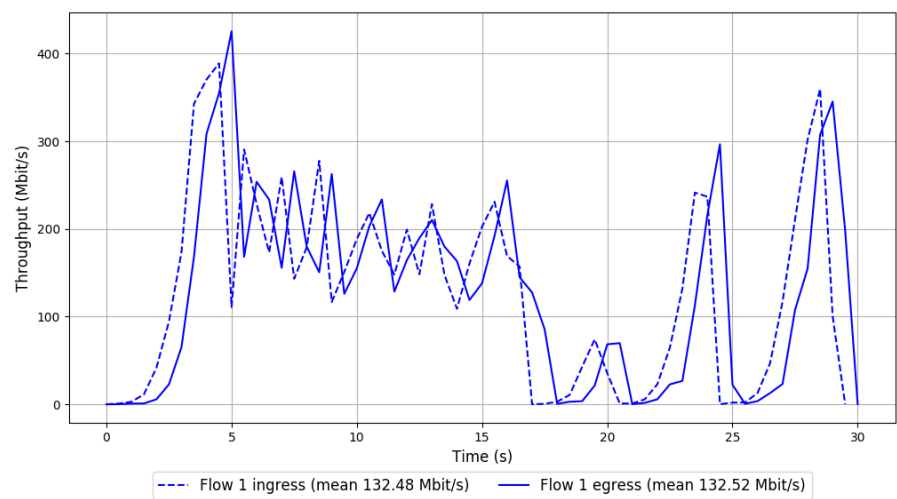
-- Flow 1:

Average throughput: 132.52 Mbit/s

95th percentile per-packet one-way delay: 156.014 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-04 13:01:36

End at: 2018-07-04 13:02:06

Local clock offset: 0.09 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-07-04 15:49:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 143.944 ms

Loss rate: 0.00%

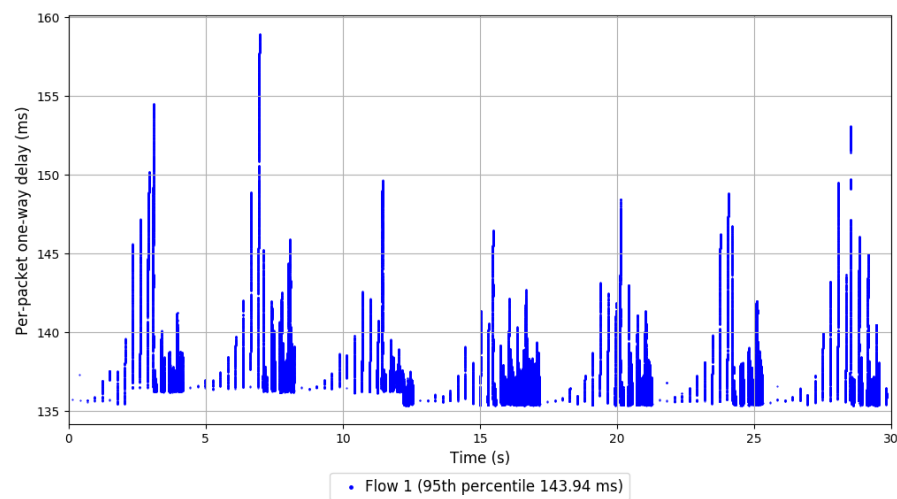
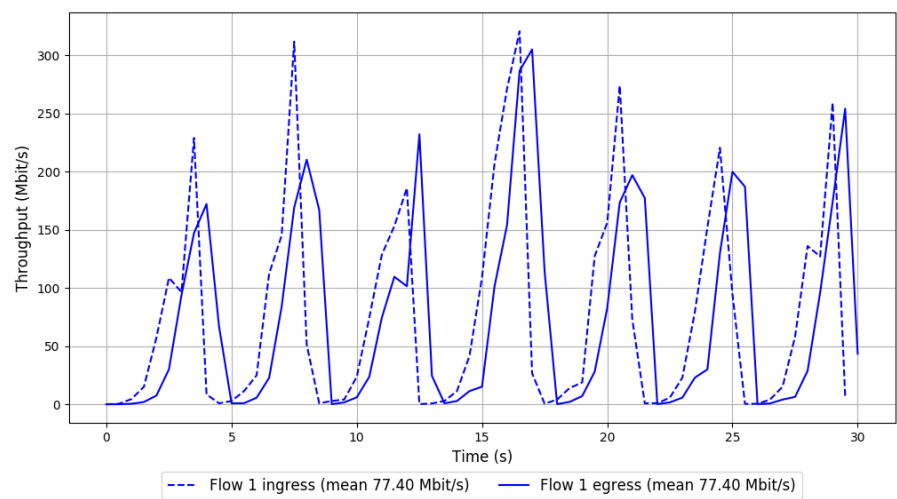
-- Flow 1:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 143.944 ms

Loss rate: 0.00%

Run 7: Report of Verus — Data Link

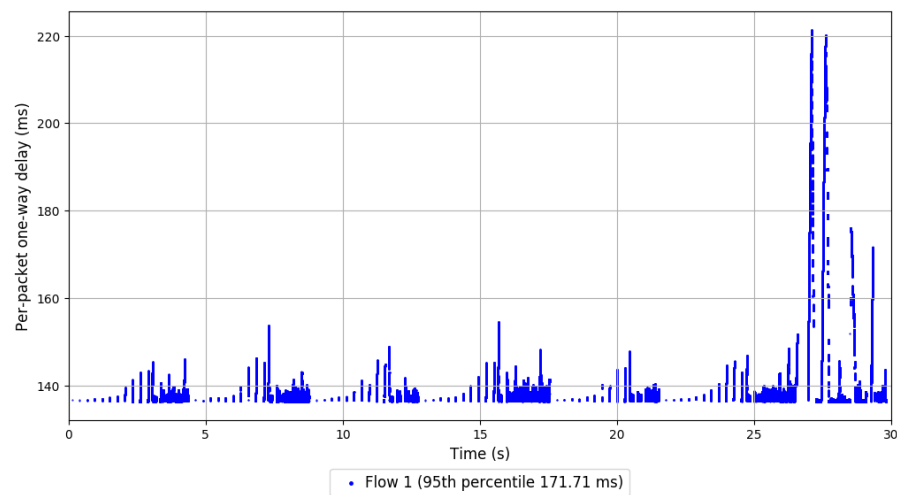
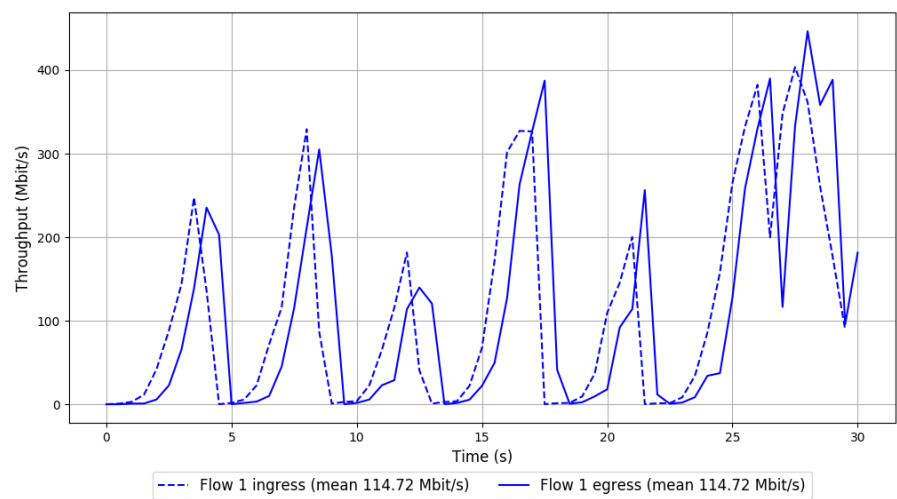


Run 8: Statistics of Verus

Start at: 2018-07-04 13:24:32
End at: 2018-07-04 13:25:02
Local clock offset: 0.047 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-07-04 15:49:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 114.72 Mbit/s
95th percentile per-packet one-way delay: 171.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 114.72 Mbit/s
95th percentile per-packet one-way delay: 171.708 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

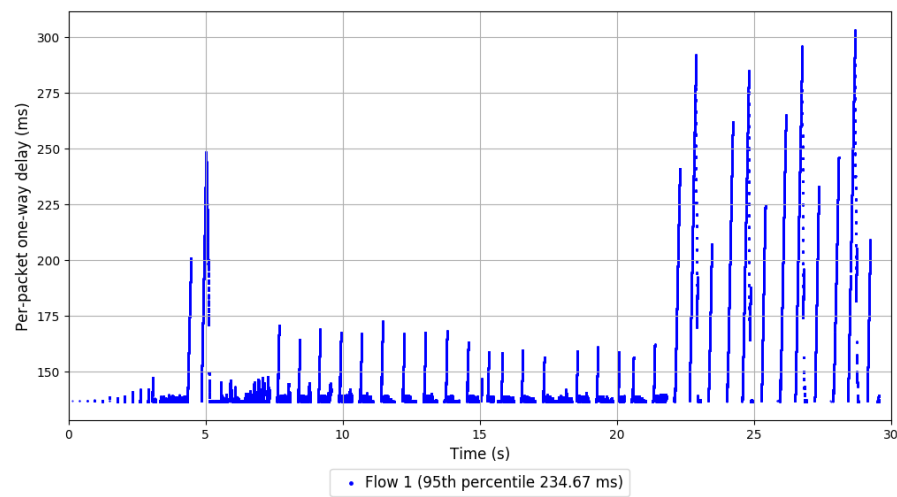
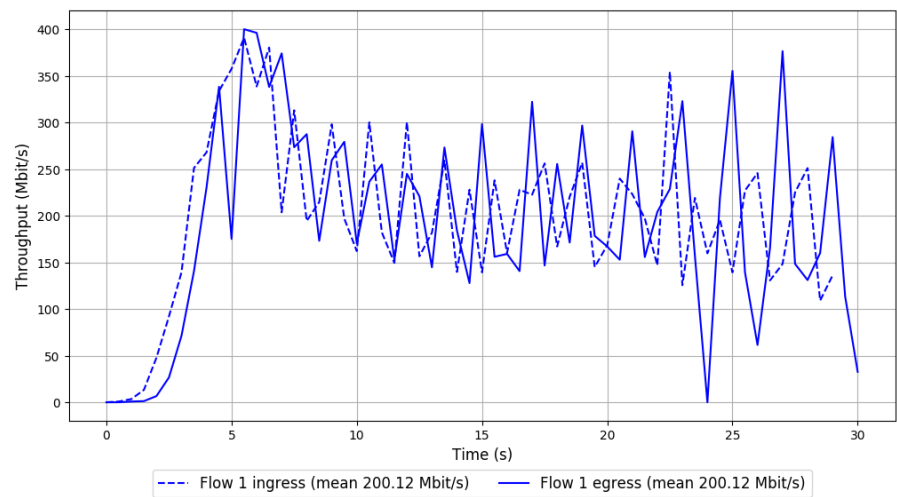


Run 9: Statistics of Verus

Start at: 2018-07-04 13:47:03
End at: 2018-07-04 13:47:33
Local clock offset: -0.191 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 15:50:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.12 Mbit/s
95th percentile per-packet one-way delay: 234.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.12 Mbit/s
95th percentile per-packet one-way delay: 234.670 ms
Loss rate: 0.00%

Run 9: Report of Verus — Data Link

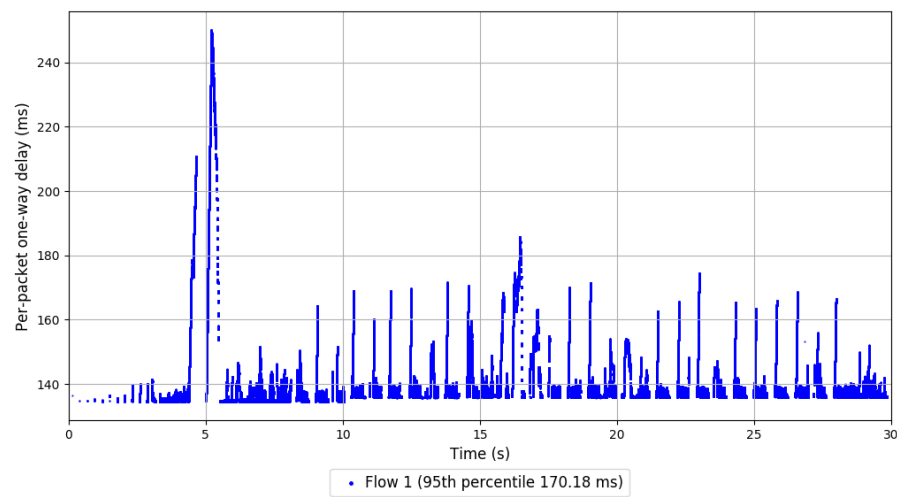
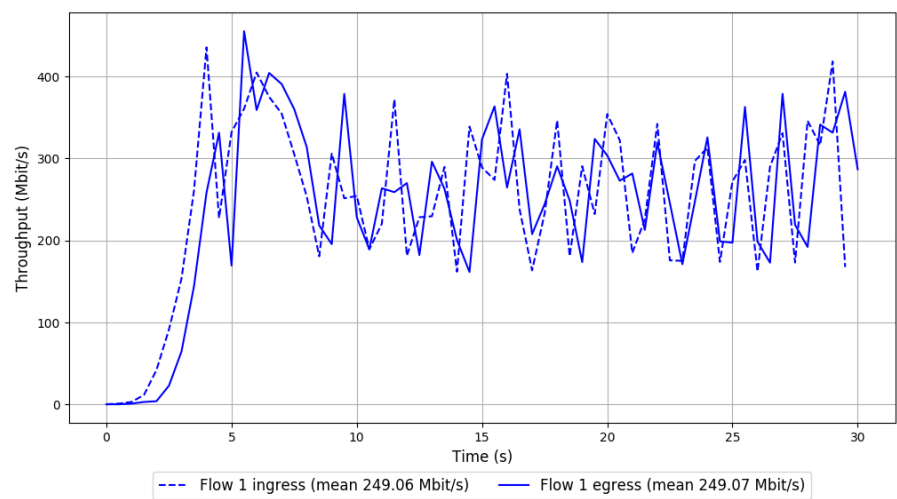


Run 10: Statistics of Verus

Start at: 2018-07-04 14:10:18
End at: 2018-07-04 14:10:48
Local clock offset: -0.054 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 15:51:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 249.07 Mbit/s
95th percentile per-packet one-way delay: 170.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 249.07 Mbit/s
95th percentile per-packet one-way delay: 170.177 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link

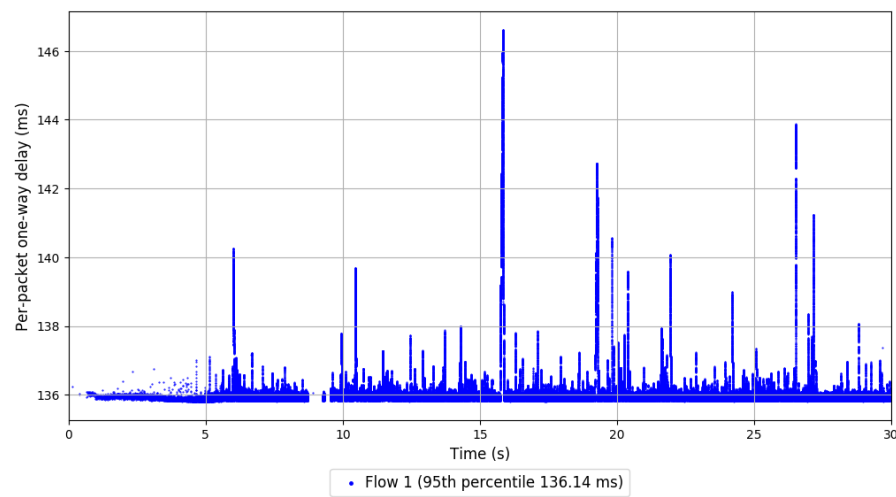
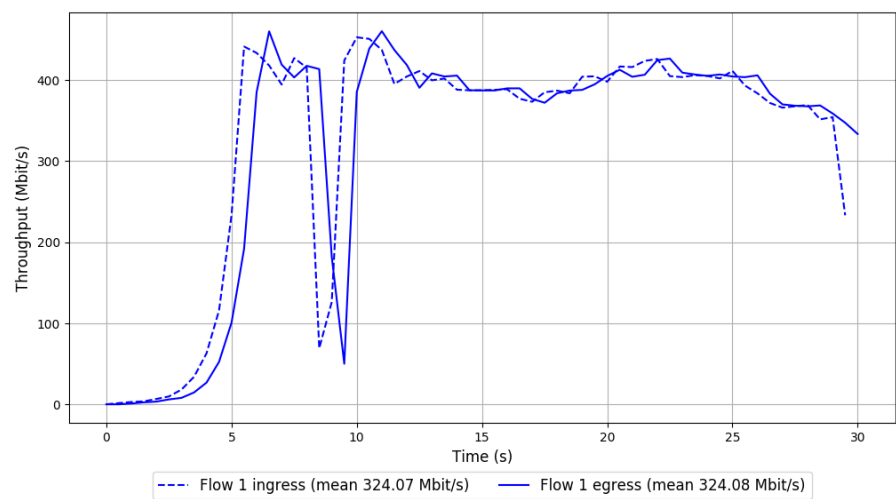


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-04 10:37:16
End at: 2018-07-04 10:37:46
Local clock offset: -0.076 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-07-04 15:53:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 324.08 Mbit/s
95th percentile per-packet one-way delay: 136.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 324.08 Mbit/s
95th percentile per-packet one-way delay: 136.140 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-04 11:00:12

End at: 2018-07-04 11:00:42

Local clock offset: 0.107 ms

Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 15:53:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 242.71 Mbit/s

95th percentile per-packet one-way delay: 136.623 ms

Loss rate: 0.00%

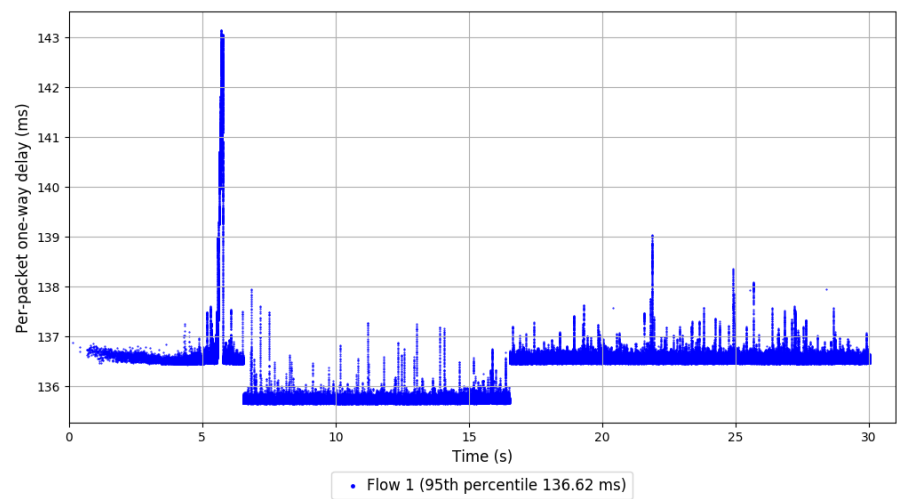
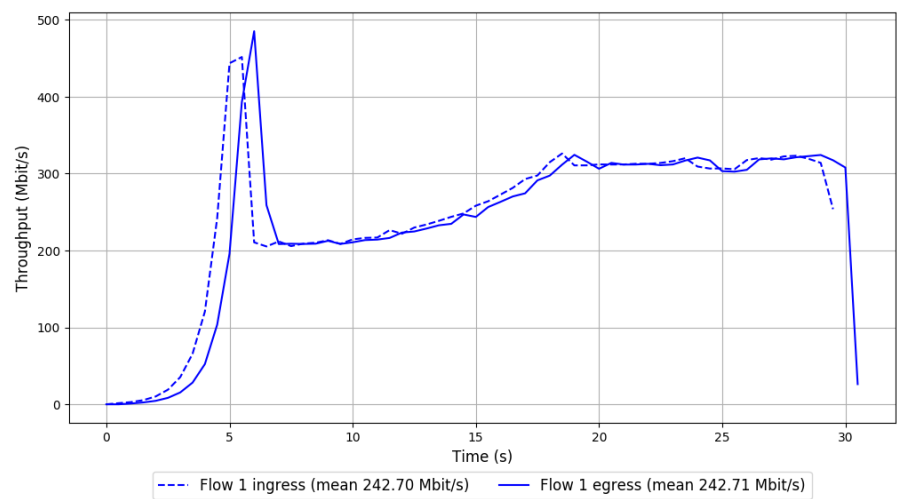
-- Flow 1:

Average throughput: 242.71 Mbit/s

95th percentile per-packet one-way delay: 136.623 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-04 11:23:30

End at: 2018-07-04 11:24:00

Local clock offset: -0.048 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 15:53:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 227.94 Mbit/s

95th percentile per-packet one-way delay: 136.489 ms

Loss rate: 0.00%

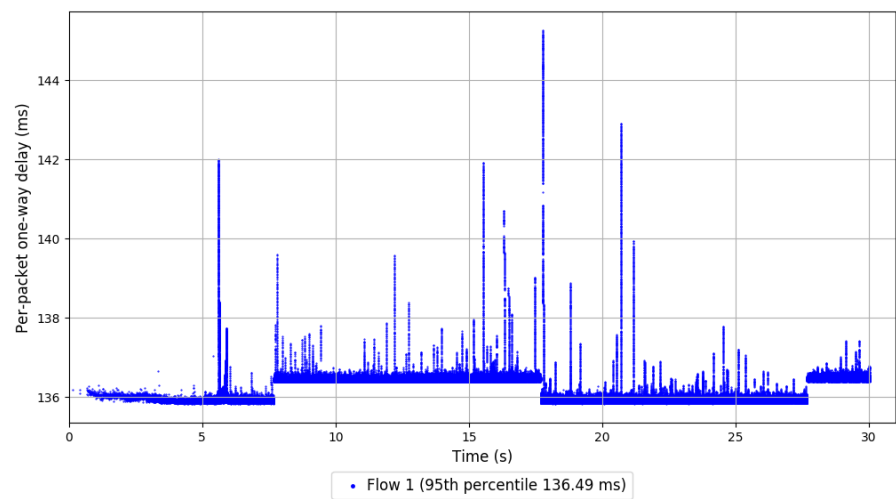
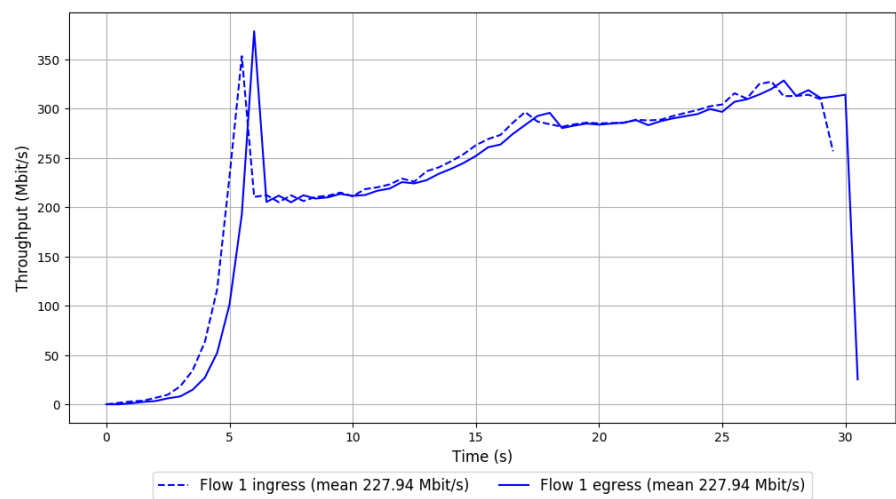
-- Flow 1:

Average throughput: 227.94 Mbit/s

95th percentile per-packet one-way delay: 136.489 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

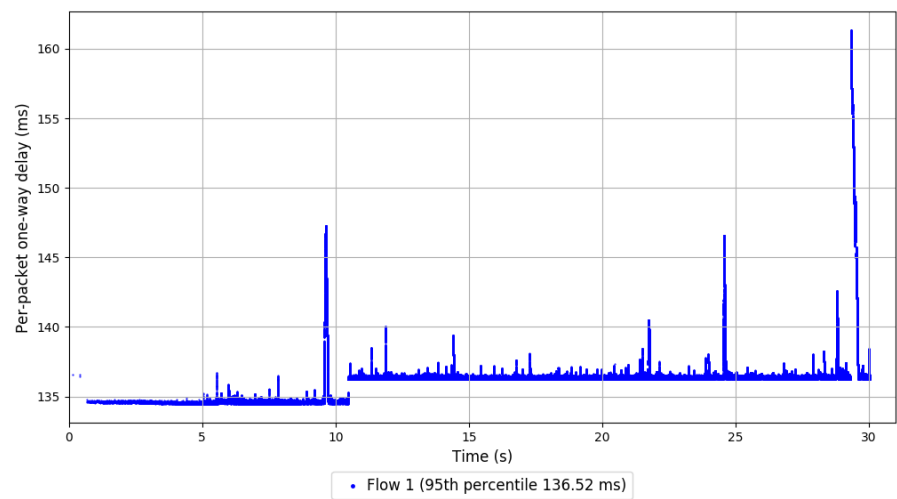
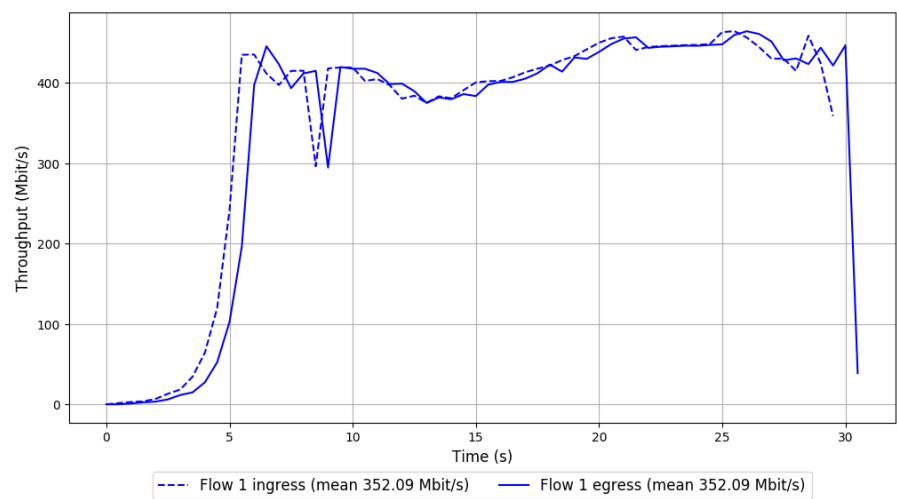


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-04 11:45:58
End at: 2018-07-04 11:46:28
Local clock offset: 0.034 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2018-07-04 15:54:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 352.09 Mbit/s
95th percentile per-packet one-way delay: 136.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 352.09 Mbit/s
95th percentile per-packet one-way delay: 136.516 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-04 12:08:58

End at: 2018-07-04 12:09:28

Local clock offset: 0.012 ms

Remote clock offset: -0.26 ms

Below is generated by plot.py at 2018-07-04 15:54:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 323.61 Mbit/s

95th percentile per-packet one-way delay: 136.011 ms

Loss rate: 0.00%

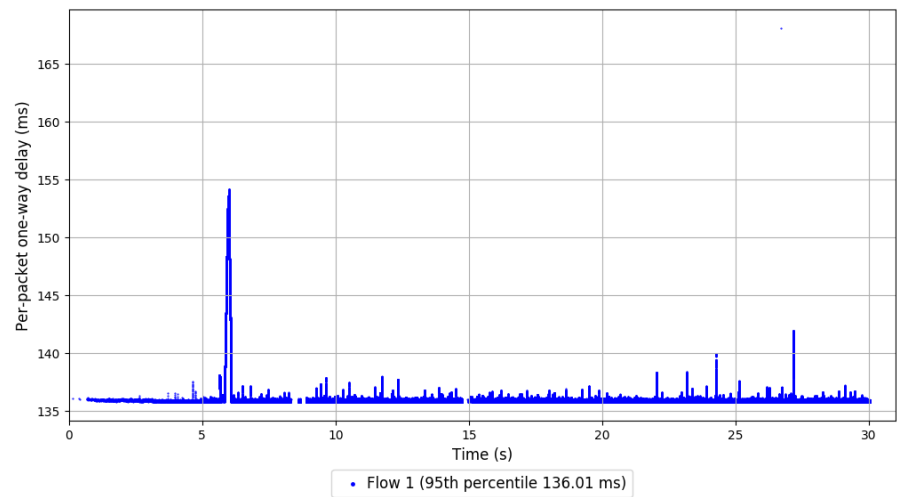
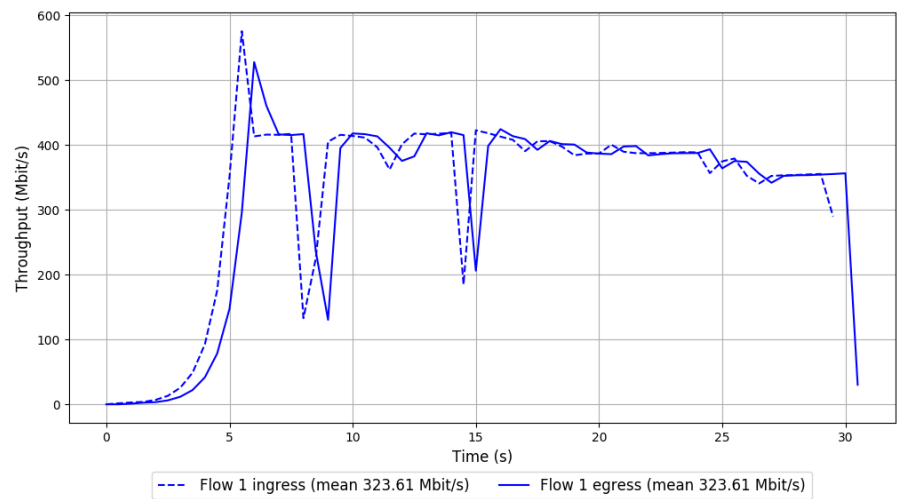
-- Flow 1:

Average throughput: 323.61 Mbit/s

95th percentile per-packet one-way delay: 136.011 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

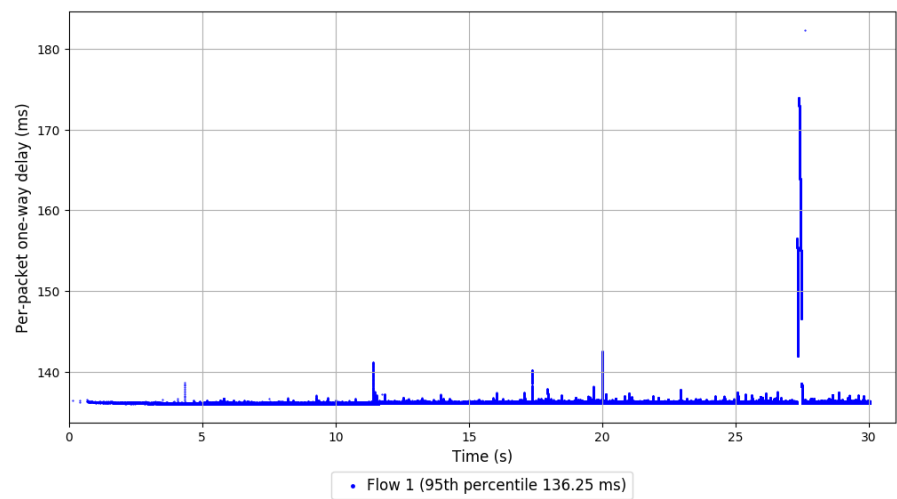
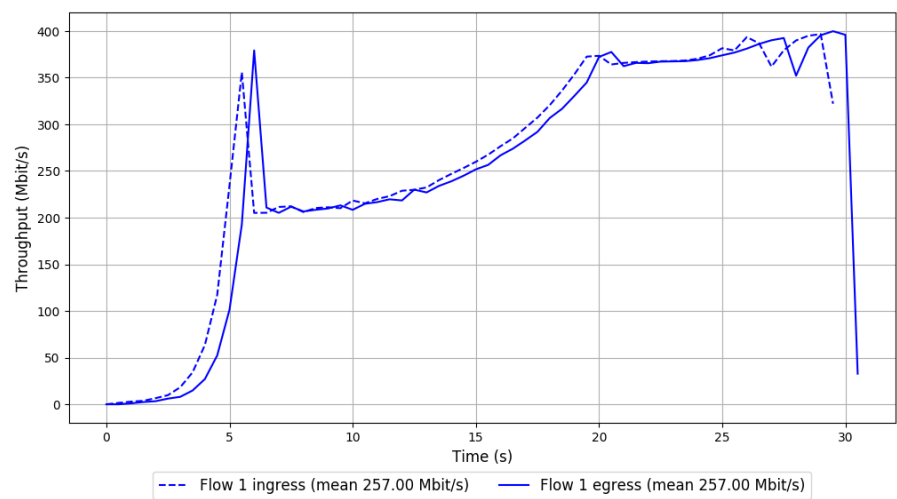


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-04 12:31:57
End at: 2018-07-04 12:32:27
Local clock offset: -0.216 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 15:54:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 257.00 Mbit/s
95th percentile per-packet one-way delay: 136.251 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 257.00 Mbit/s
95th percentile per-packet one-way delay: 136.251 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

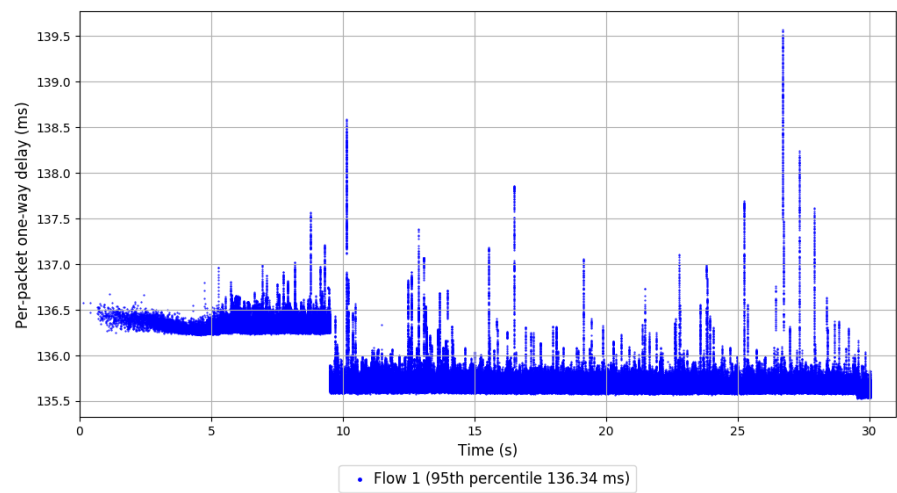
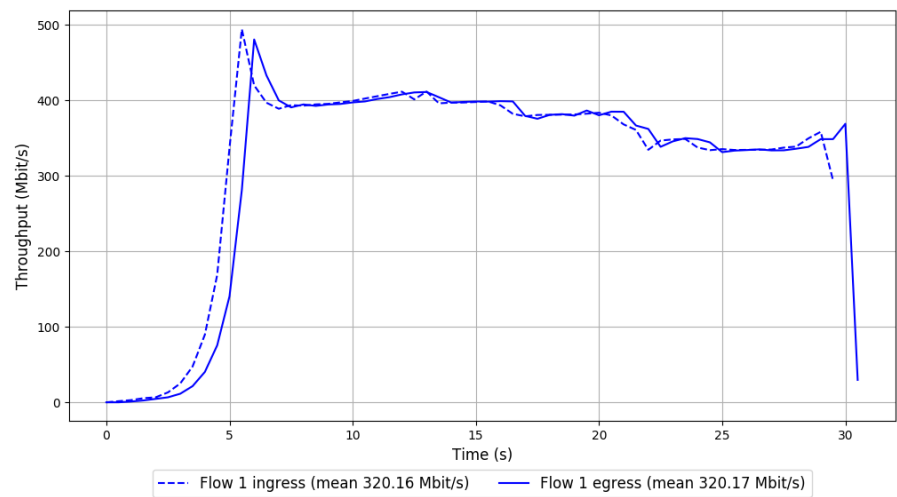


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-04 12:54:49
End at: 2018-07-04 12:55:19
Local clock offset: 0.005 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2018-07-04 15:55:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 320.17 Mbit/s
95th percentile per-packet one-way delay: 136.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 320.17 Mbit/s
95th percentile per-packet one-way delay: 136.345 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

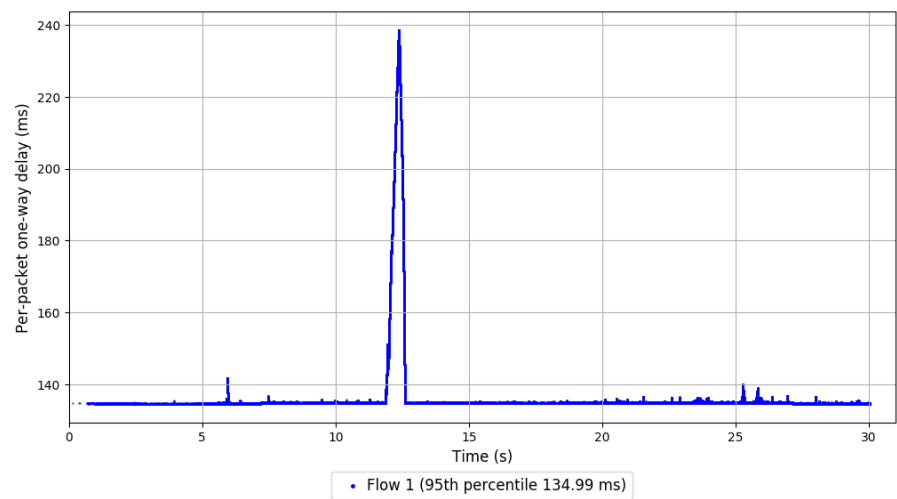
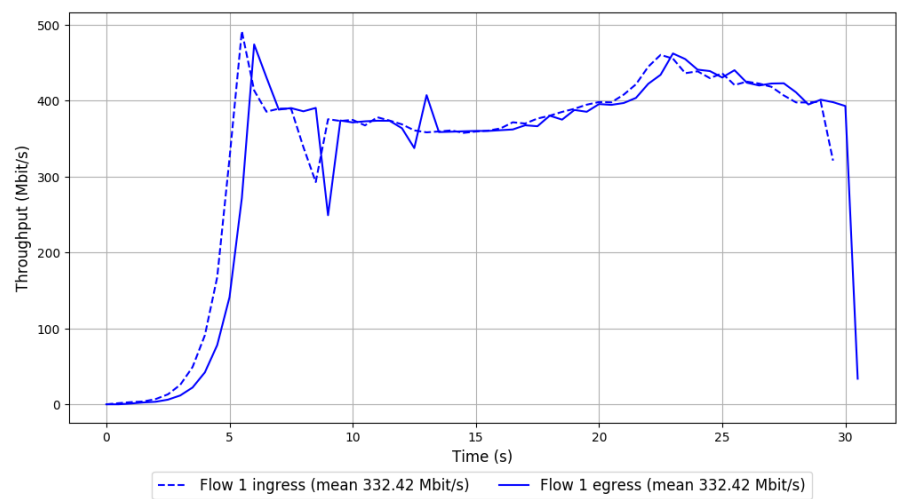


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-04 13:17:41
End at: 2018-07-04 13:18:11
Local clock offset: 0.106 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 15:56:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.42 Mbit/s
95th percentile per-packet one-way delay: 134.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 332.42 Mbit/s
95th percentile per-packet one-way delay: 134.993 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

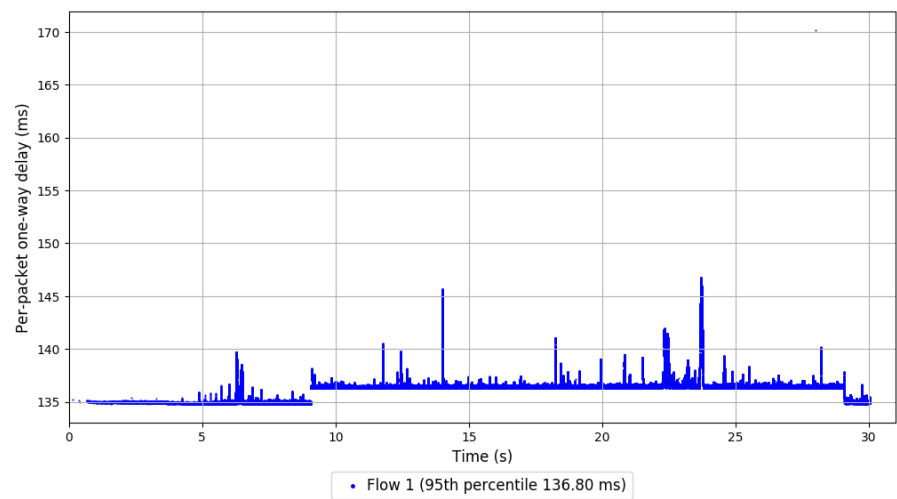
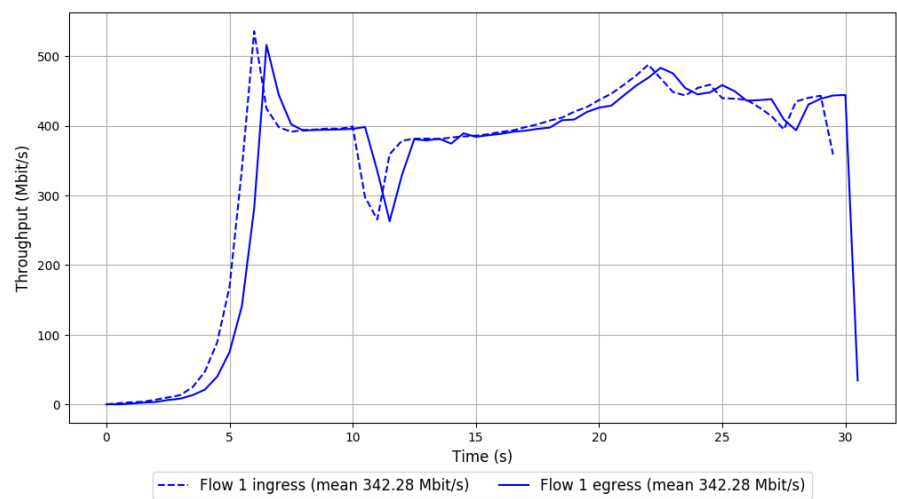


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-04 13:40:19
End at: 2018-07-04 13:40:49
Local clock offset: -0.023 ms
Remote clock offset: -0.252 ms

Below is generated by plot.py at 2018-07-04 15:56:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 342.28 Mbit/s
95th percentile per-packet one-way delay: 136.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 342.28 Mbit/s
95th percentile per-packet one-way delay: 136.799 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

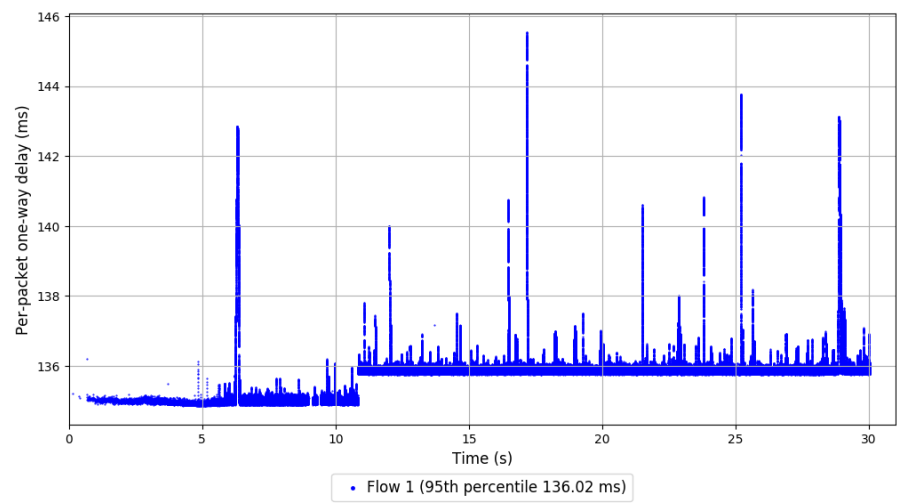
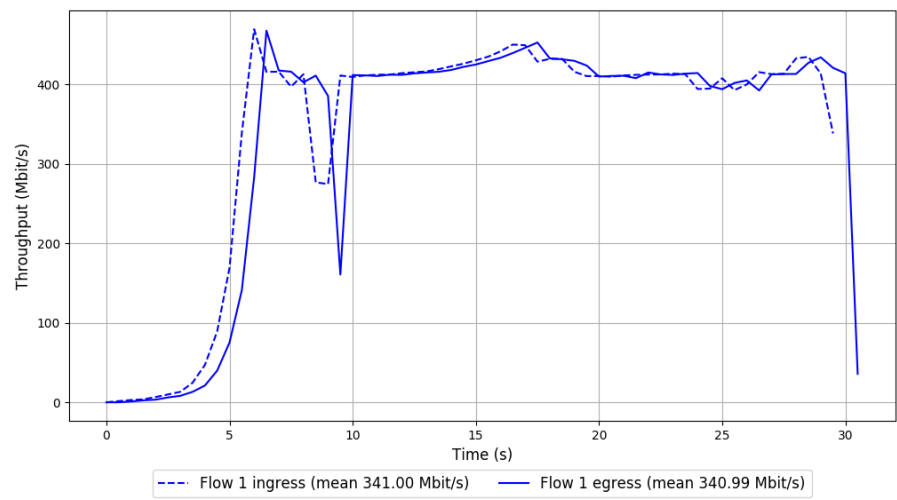


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-04 14:03:37
End at: 2018-07-04 14:04:07
Local clock offset: -0.064 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 340.99 Mbit/s
95th percentile per-packet one-way delay: 136.023 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 340.99 Mbit/s
95th percentile per-packet one-way delay: 136.023 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-07-04 10:45:04

End at: 2018-07-04 10:45:34

Local clock offset: 0.1 ms

Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 15:56:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 136.899 ms

Loss rate: 0.00%

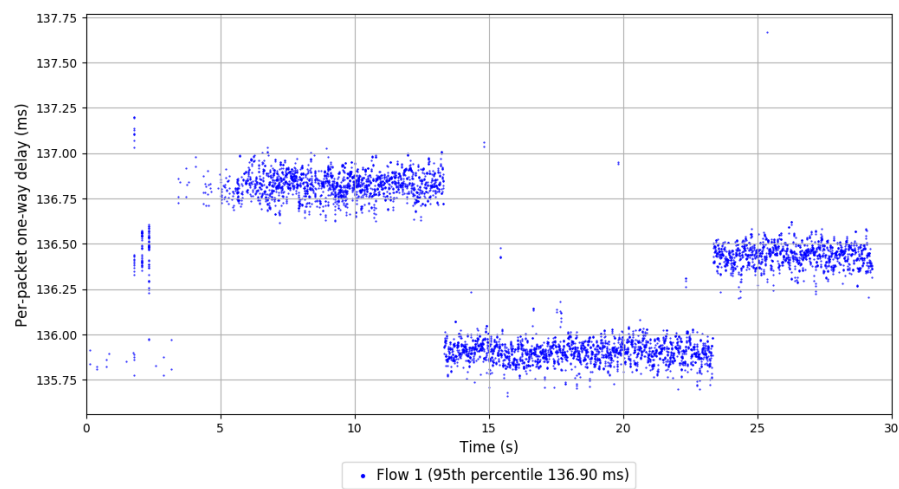
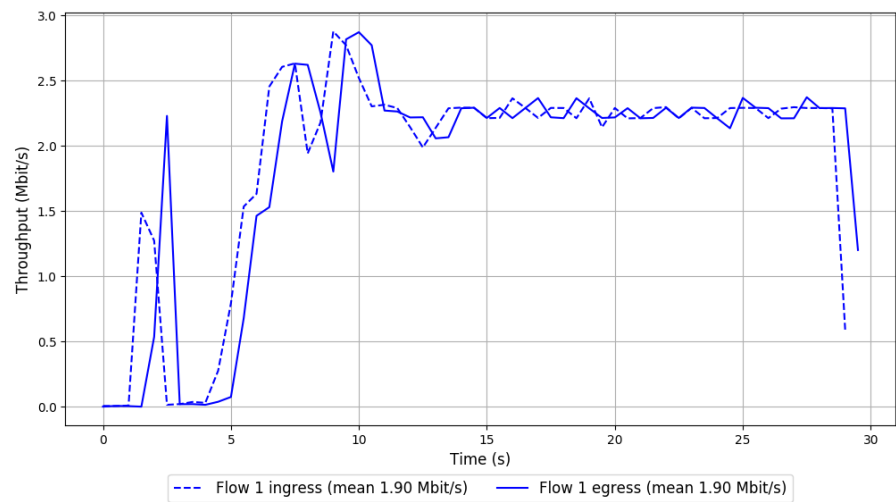
-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 136.899 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-07-04 11:08:11

End at: 2018-07-04 11:08:41

Local clock offset: -0.092 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 15:56:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 136.832 ms

Loss rate: 0.00%

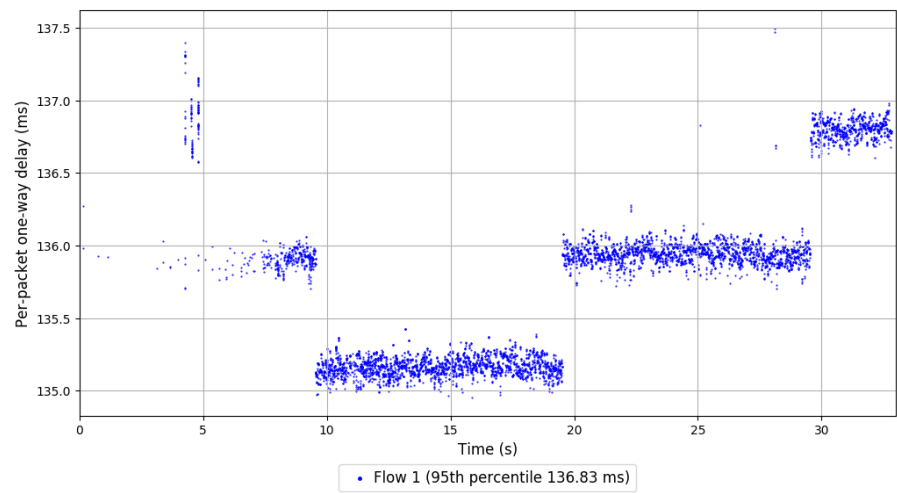
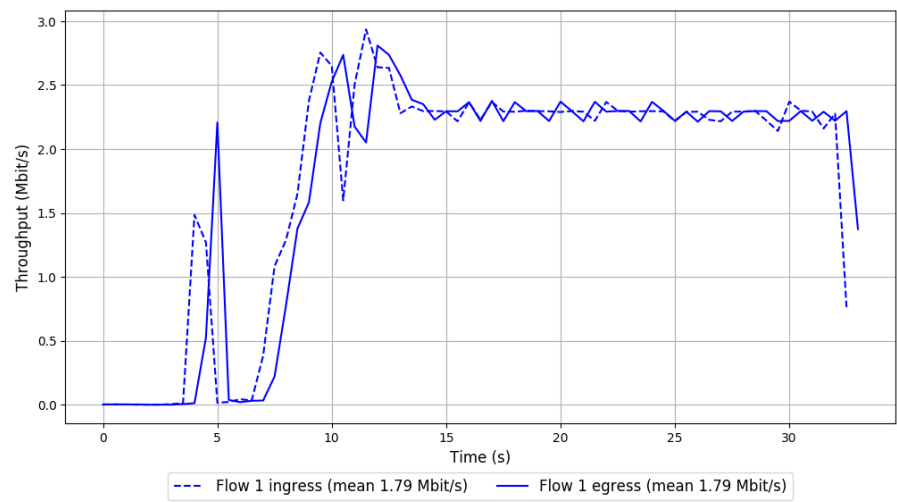
-- Flow 1:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 136.832 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-04 11:31:16

End at: 2018-07-04 11:31:46

Local clock offset: -0.017 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-07-04 15:56:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 135.264 ms

Loss rate: 0.00%

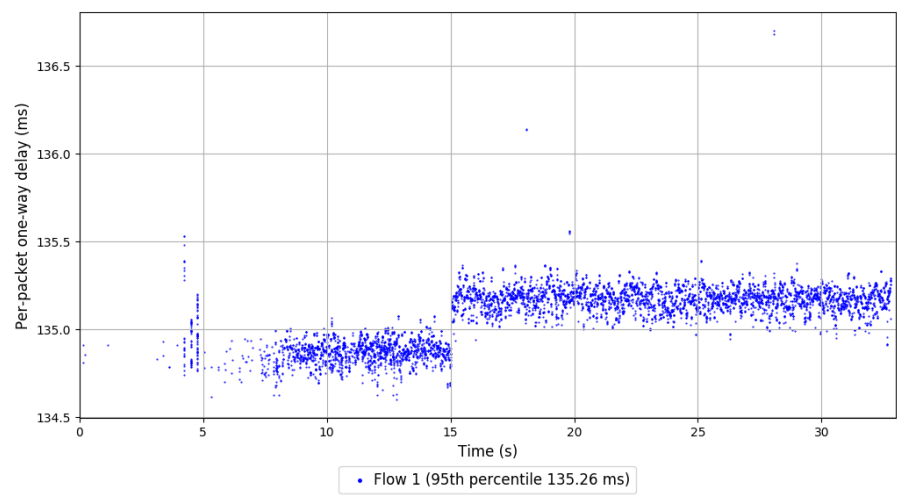
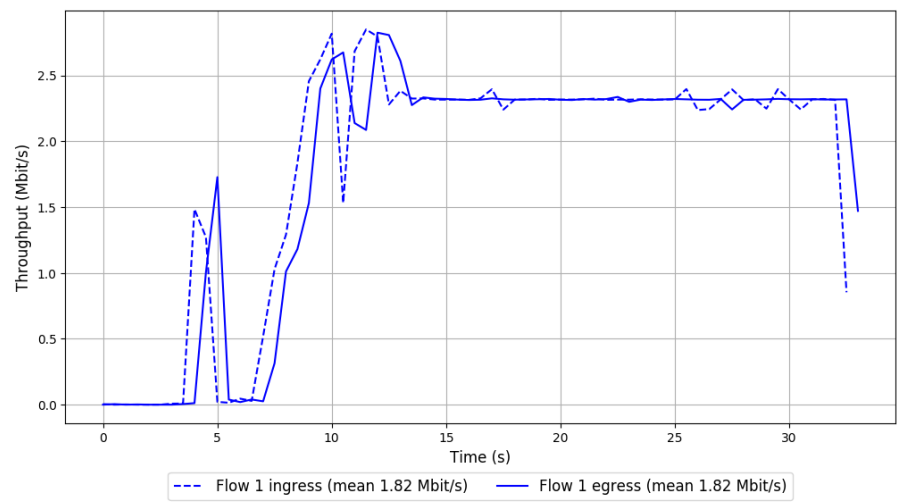
-- Flow 1:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 135.264 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

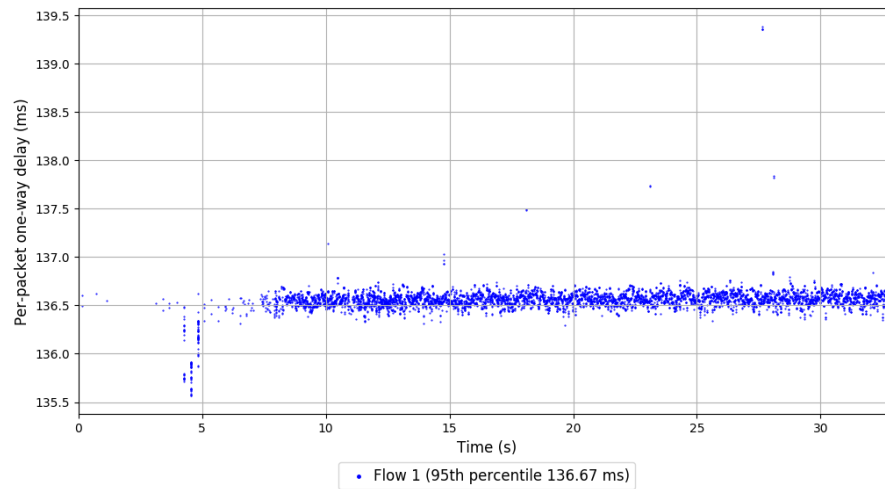
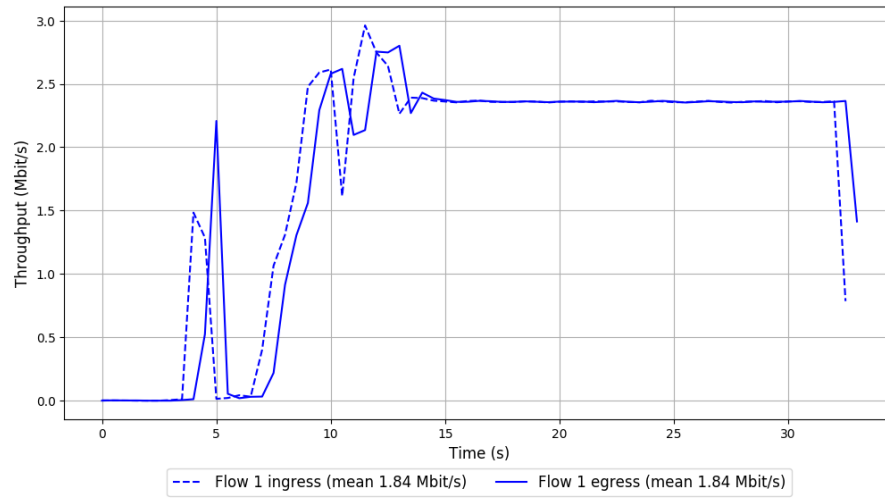


Run 4: Statistics of WebRTC media

Start at: 2018-07-04 11:53:56
End at: 2018-07-04 11:54:26
Local clock offset: 0.027 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 136.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 136.666 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

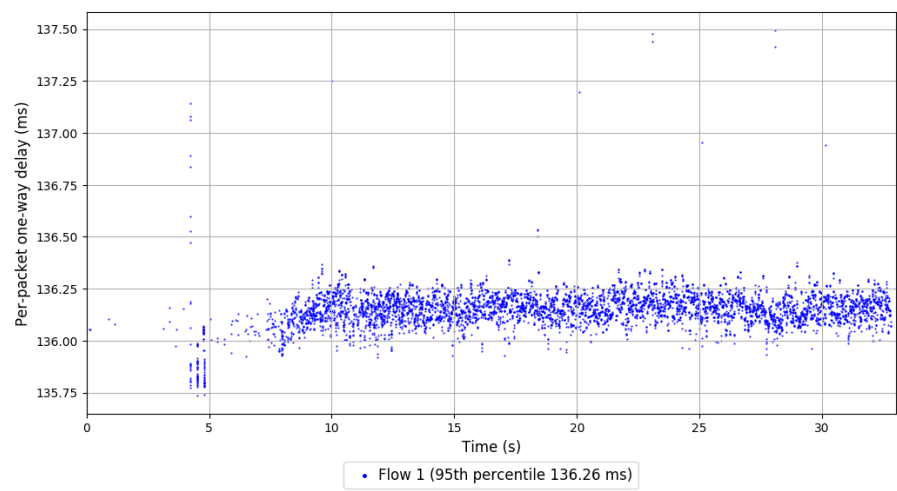
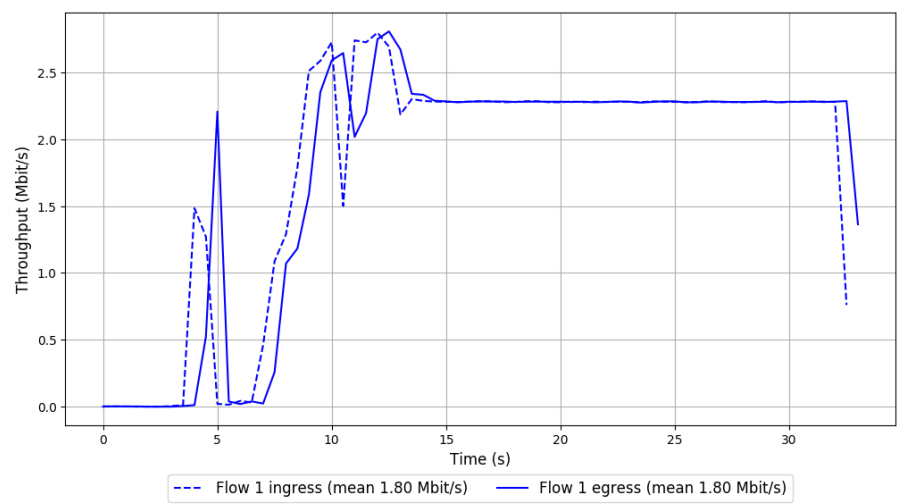


Run 5: Statistics of WebRTC media

Start at: 2018-07-04 12:17:12
End at: 2018-07-04 12:17:42
Local clock offset: -0.072 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.263 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

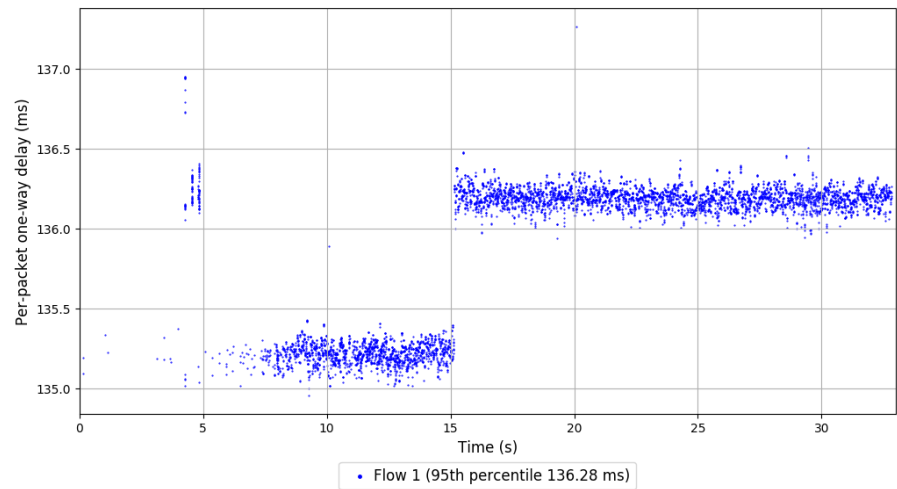
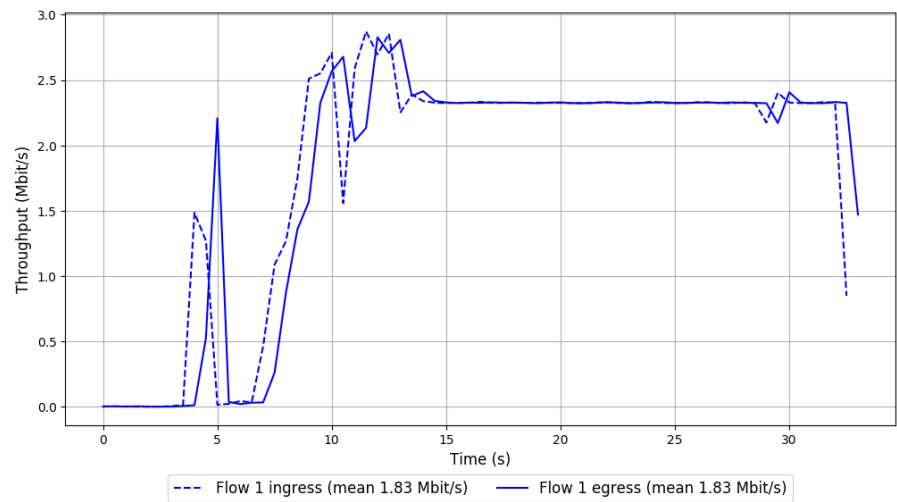


Run 6: Statistics of WebRTC media

Start at: 2018-07-04 12:39:56
End at: 2018-07-04 12:40:26
Local clock offset: -0.167 ms
Remote clock offset: -0.238 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 136.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 136.282 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

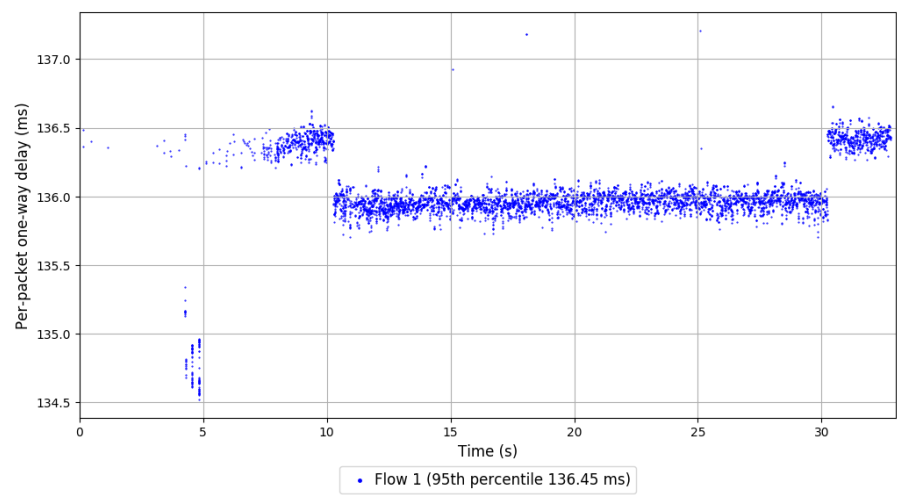
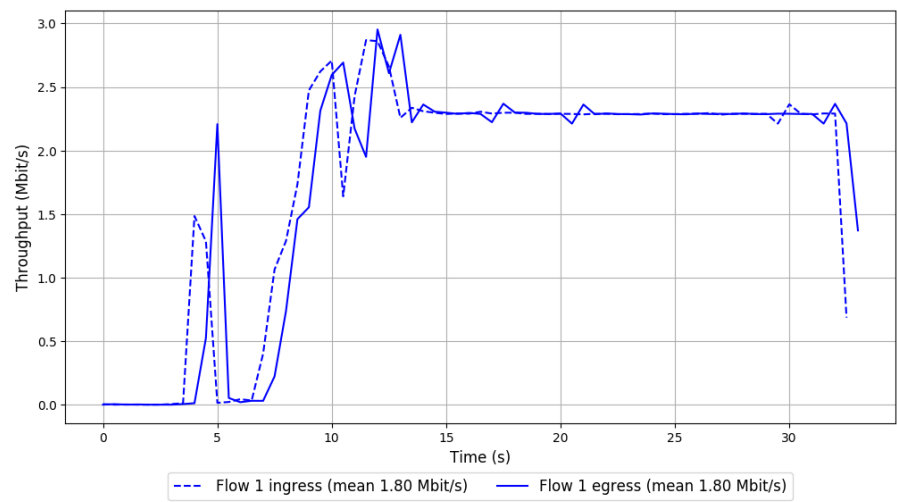


Run 7: Statistics of WebRTC media

Start at: 2018-07-04 13:02:51
End at: 2018-07-04 13:03:21
Local clock offset: 0.119 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.451 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

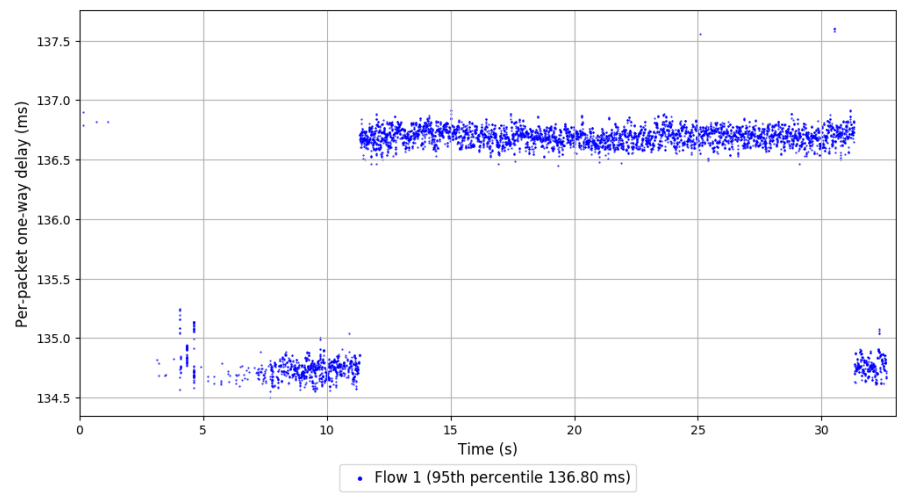
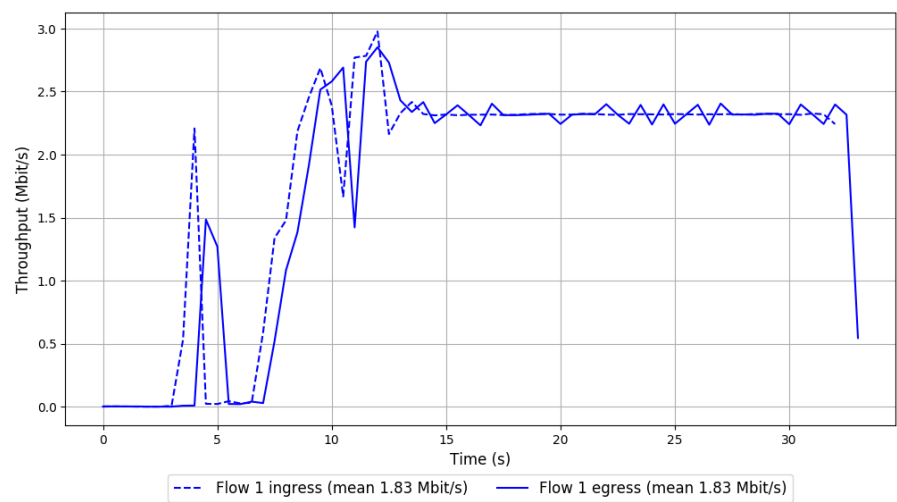


Run 8: Statistics of WebRTC media

Start at: 2018-07-04 13:25:49
End at: 2018-07-04 13:26:19
Local clock offset: 0.015 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 136.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 136.799 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

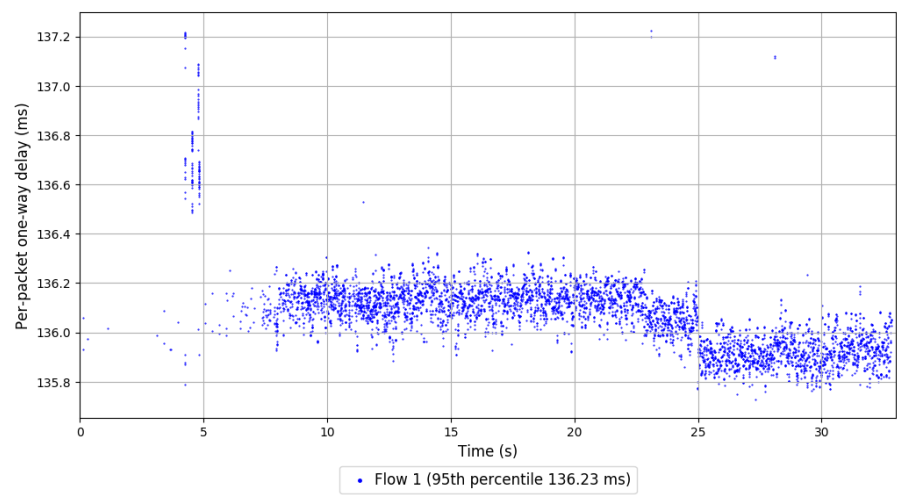
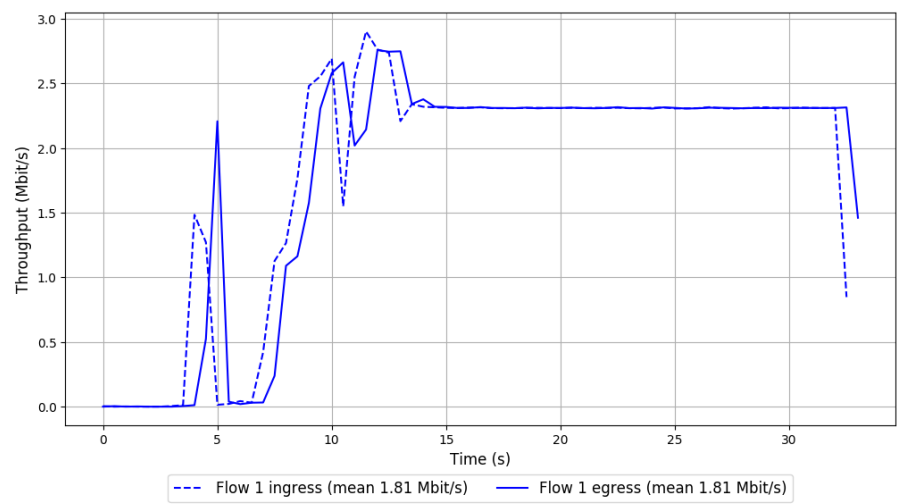


Run 9: Statistics of WebRTC media

Start at: 2018-07-04 13:48:26
End at: 2018-07-04 13:48:56
Local clock offset: -0.062 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.233 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-04 14:11:45
End at: 2018-07-04 14:12:15
Local clock offset: -0.194 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-07-04 15:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.303 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

