

Pantheon Report

Generated at 2018-07-11 01:53:00 (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.

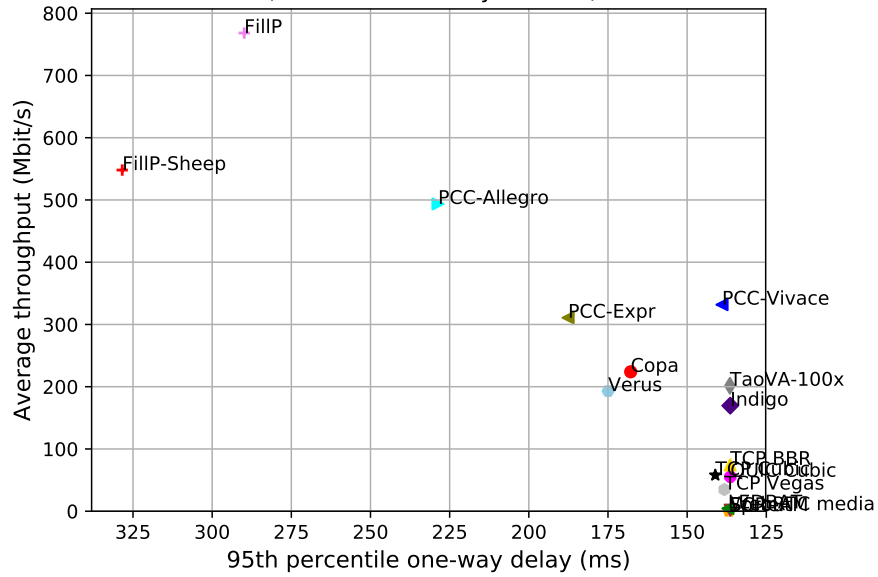
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

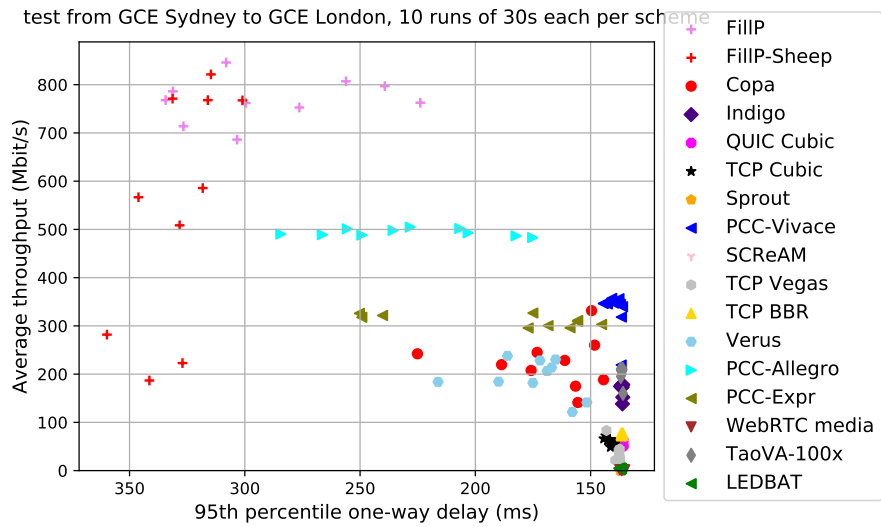
Git summary:

```
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-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from 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	74.40	136.41	0.00
Copa	10	223.94	167.83	0.06
TCP Cubic	10	57.88	141.11	0.00
FillP	10	768.14	289.88	3.42
FillP-Sheep	10	548.03	328.40	4.14
Indigo	10	169.57	136.39	0.00
LEDBAT	10	4.43	137.14	0.00
PCC-Allegro	10	493.60	228.66	1.46
PCC-Expr	10	310.78	187.60	0.36
QUIC Cubic	8	55.41	136.36	0.00
SCReAM	10	0.22	136.64	0.00
Sprout	10	0.17	136.80	0.00
TaoVA-100x	10	201.53	136.51	0.00
TCP Vegas	10	34.81	138.25	0.00
Verus	10	192.97	174.97	0.01
PCC-Vivace	10	331.83	139.00	0.01
WebRTC media	10	1.65	136.41	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 20:24:23

End at: 2018-07-10 20:24:53

Local clock offset: 0.126 ms

Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-07-11 00:20:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.57 Mbit/s

95th percentile per-packet one-way delay: 136.328 ms

Loss rate: 0.00%

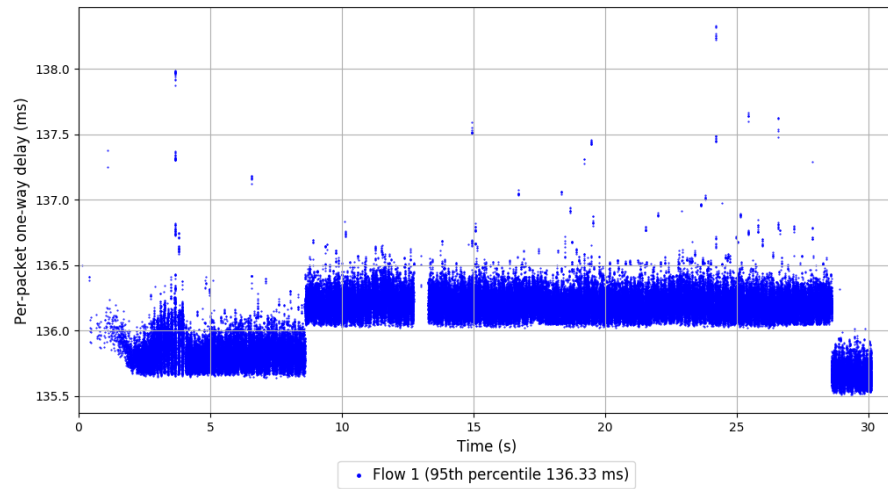
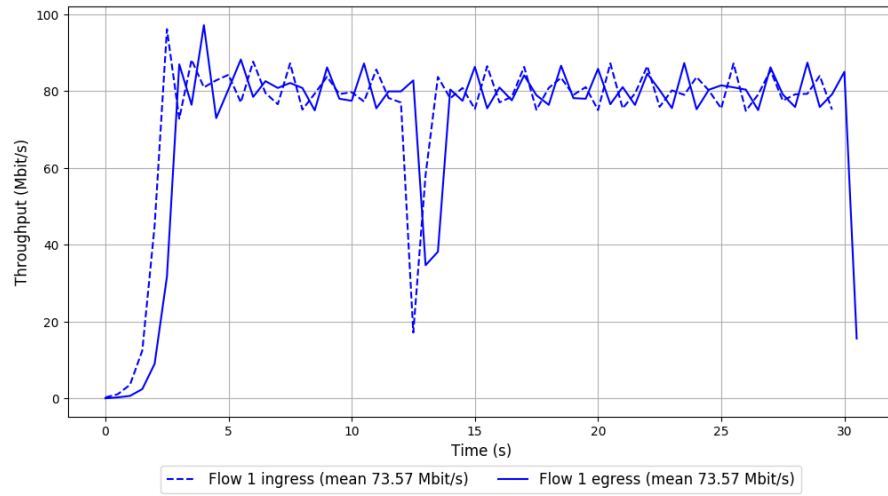
-- Flow 1:

Average throughput: 73.57 Mbit/s

95th percentile per-packet one-way delay: 136.328 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

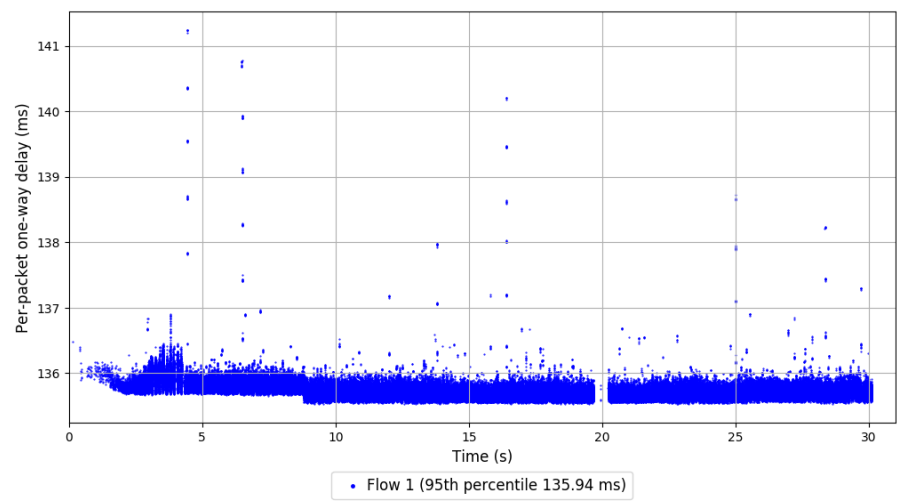
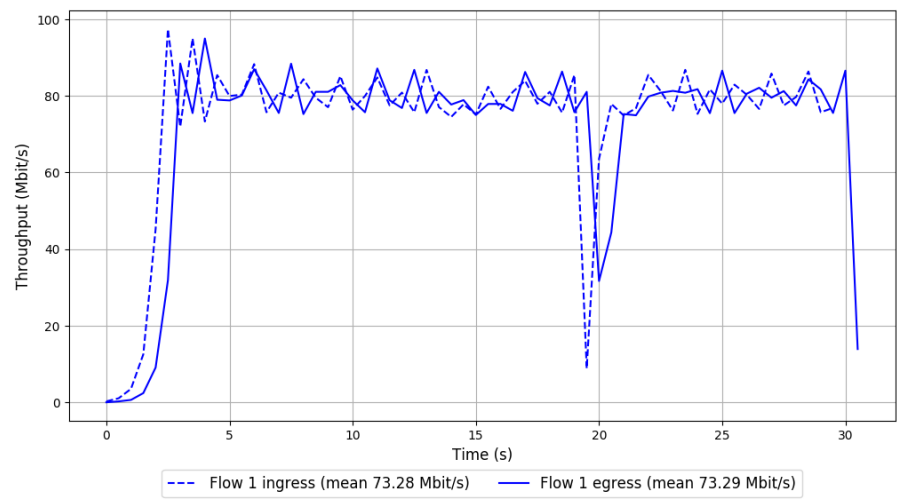


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 20:47:43
End at: 2018-07-10 20:48:13
Local clock offset: 0.079 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-11 00:20:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.29 Mbit/s
95th percentile per-packet one-way delay: 135.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.29 Mbit/s
95th percentile per-packet one-way delay: 135.942 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

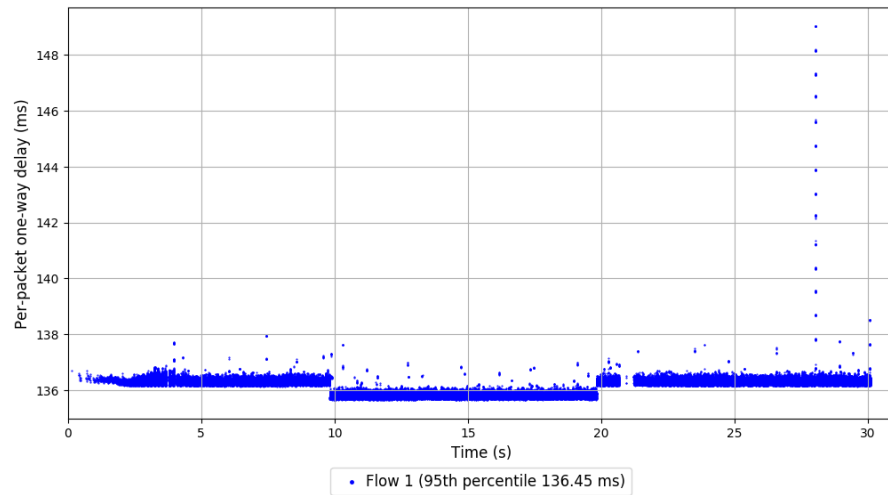
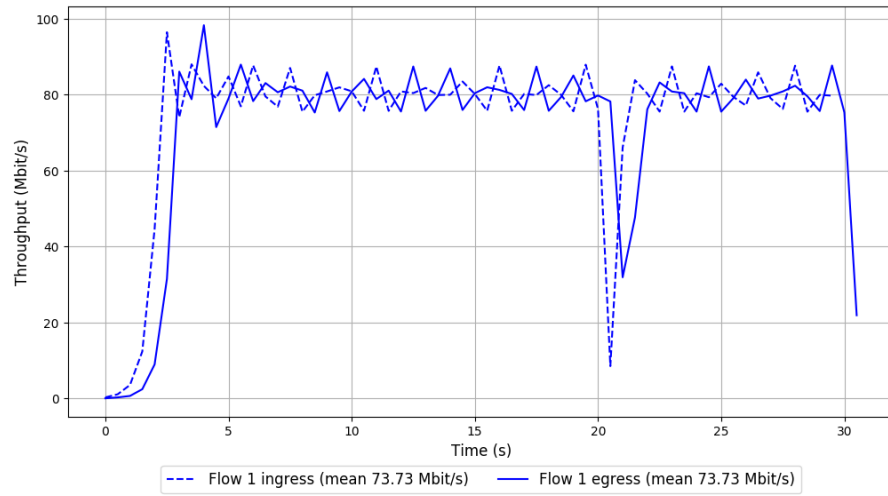


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 21:10:52
End at: 2018-07-10 21:11:22
Local clock offset: -0.052 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-11 00:20:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 136.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 136.452 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-07-10 21:34:03

End at: 2018-07-10 21:34:33

Local clock offset: 0.116 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-07-11 00:20:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 136.252 ms

Loss rate: 0.00%

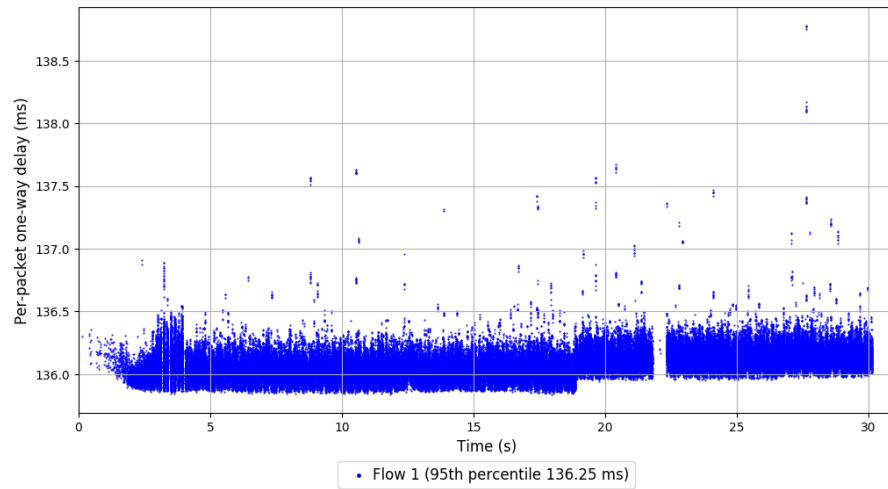
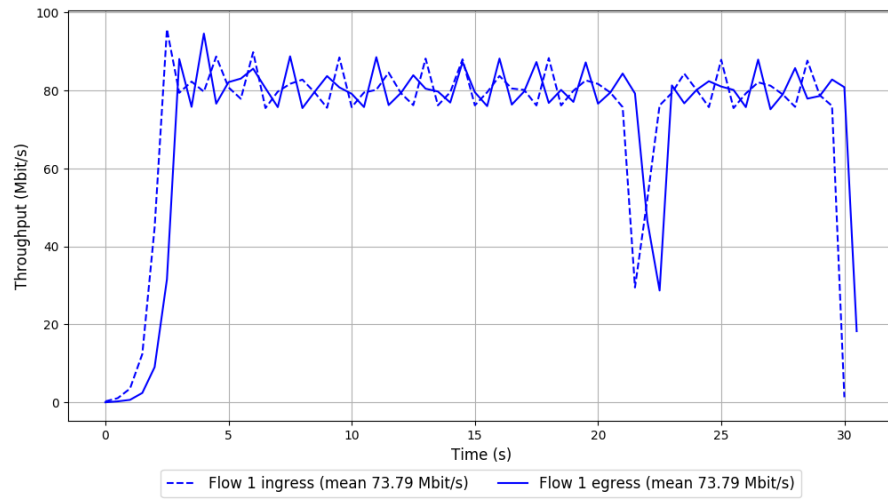
-- Flow 1:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 136.252 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 21:57:33

End at: 2018-07-10 21:58:03

Local clock offset: 0.027 ms

Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-07-11 00:20:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 136.089 ms

Loss rate: 0.00%

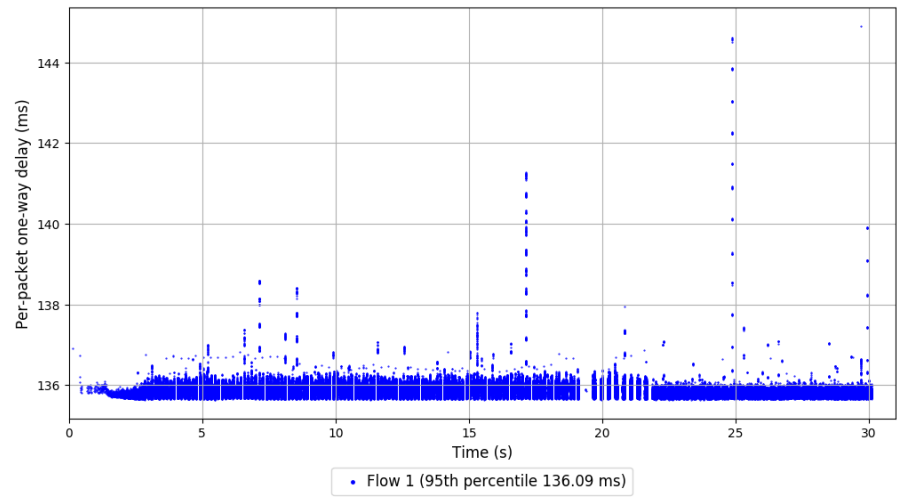
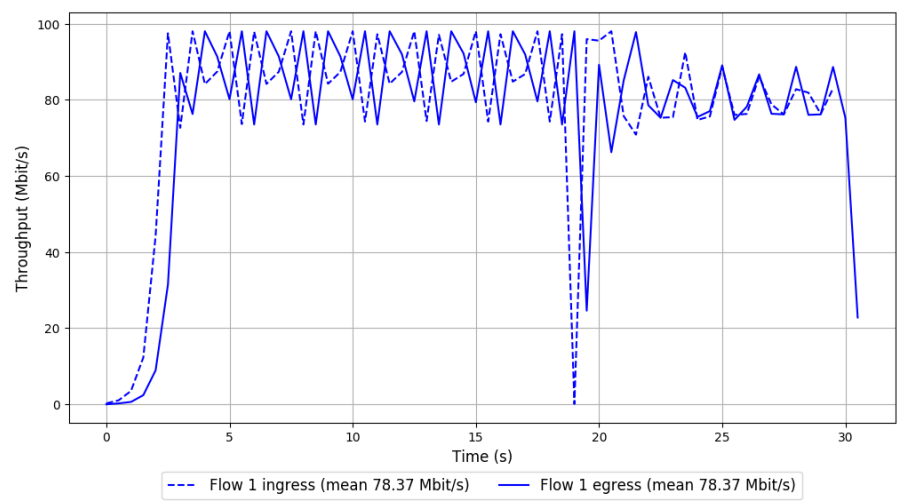
-- Flow 1:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 136.089 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-07-10 22:20:28

End at: 2018-07-10 22:20:58

Local clock offset: -0.005 ms

Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-11 00:20:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.63 Mbit/s

95th percentile per-packet one-way delay: 136.751 ms

Loss rate: 0.00%

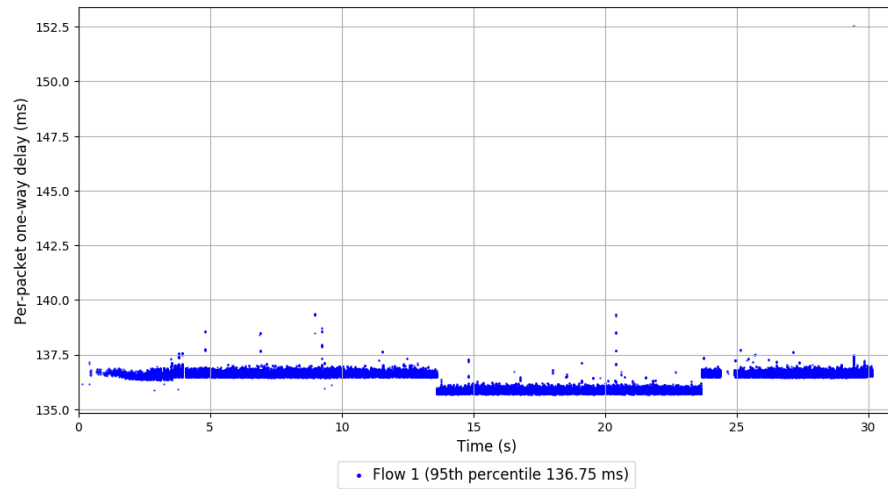
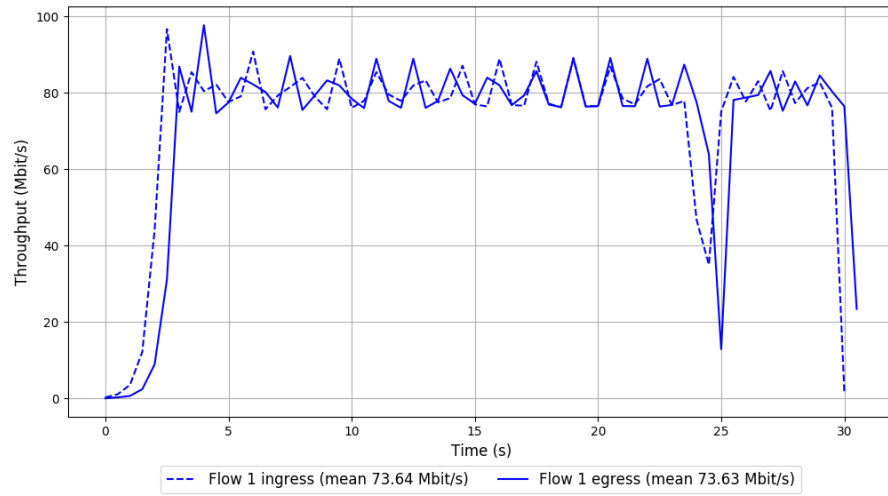
-- Flow 1:

Average throughput: 73.63 Mbit/s

95th percentile per-packet one-way delay: 136.751 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-07-10 22:43:28

End at: 2018-07-10 22:43:58

Local clock offset: 0.056 ms

Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-07-11 00:20:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.30 Mbit/s

95th percentile per-packet one-way delay: 136.627 ms

Loss rate: 0.00%

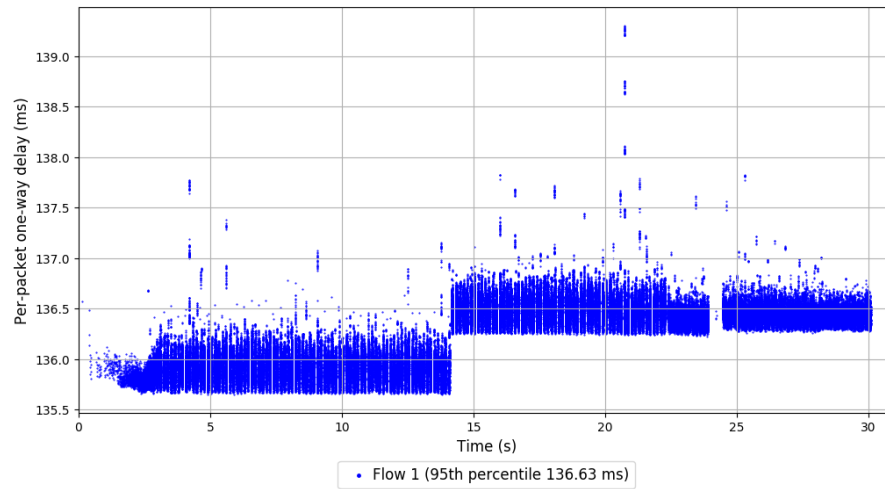
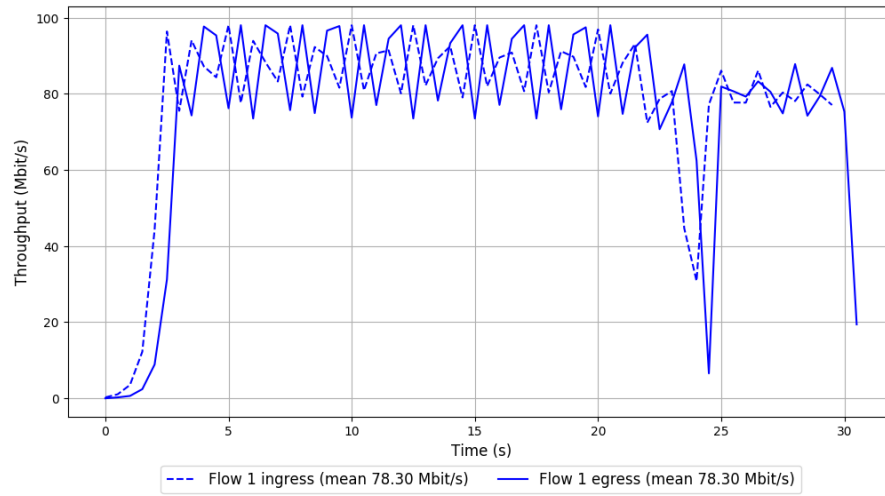
-- Flow 1:

Average throughput: 78.30 Mbit/s

95th percentile per-packet one-way delay: 136.627 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-10 23:06:42

End at: 2018-07-10 23:07:12

Local clock offset: -0.128 ms

Remote clock offset: -0.36 ms

Below is generated by plot.py at 2018-07-11 00:20:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.89 Mbit/s

95th percentile per-packet one-way delay: 136.544 ms

Loss rate: 0.00%

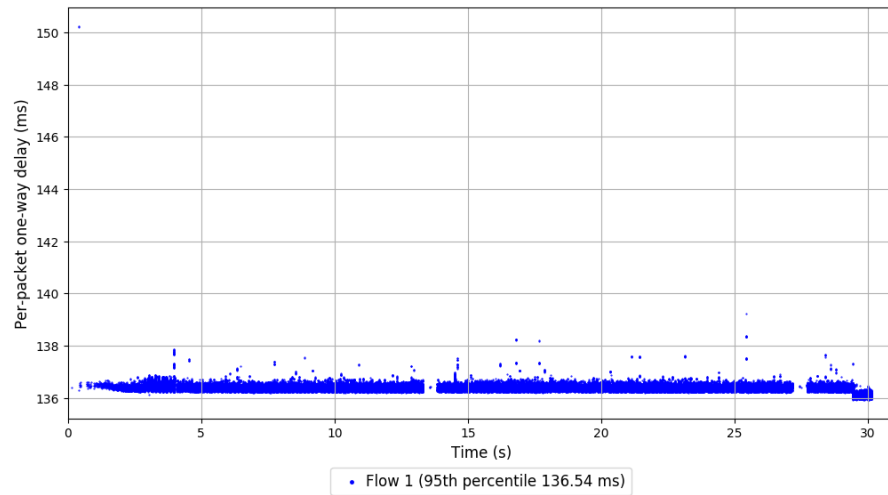
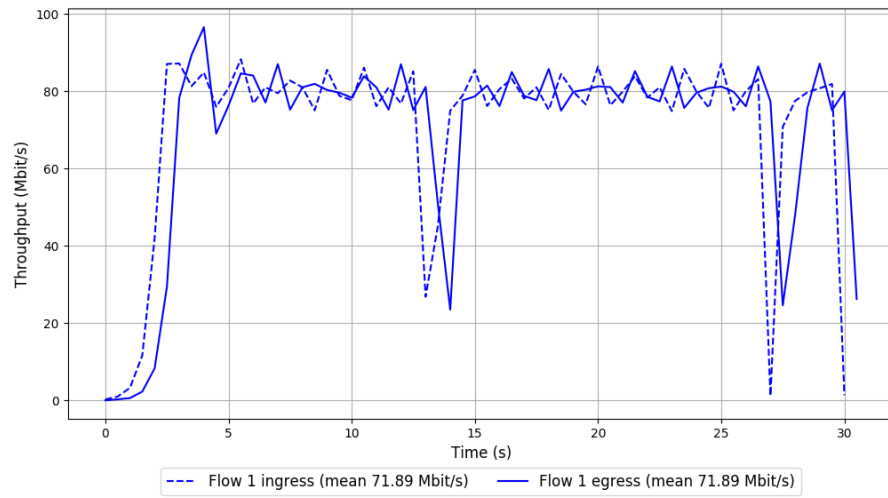
-- Flow 1:

Average throughput: 71.89 Mbit/s

95th percentile per-packet one-way delay: 136.544 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

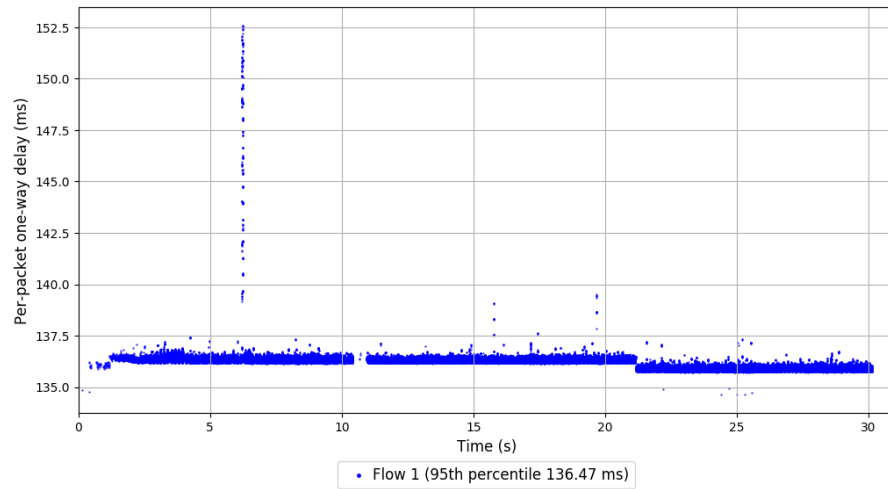
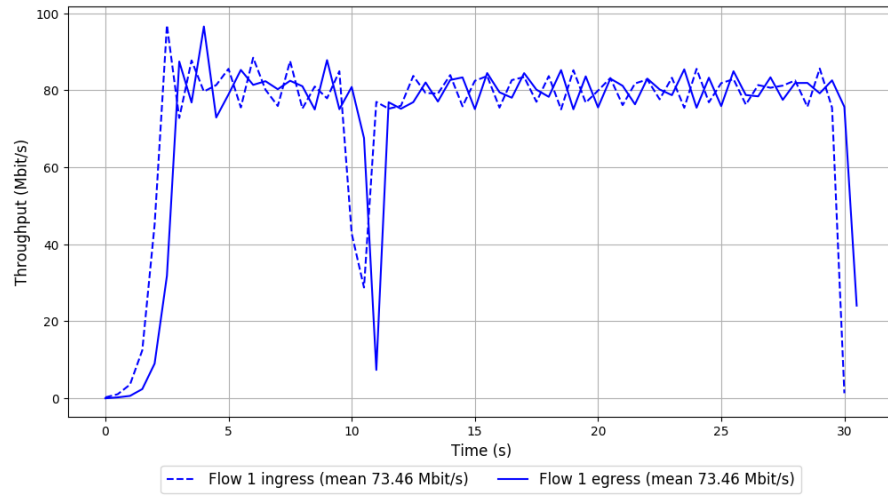


Run 9: Statistics of TCP BBR

Start at: 2018-07-10 23:29:51
End at: 2018-07-10 23:30:21
Local clock offset: -0.035 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-07-11 00:21:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 136.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 136.472 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-07-10 23:53:03

End at: 2018-07-10 23:53:33

Local clock offset: -0.174 ms

Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-07-11 00:21:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 136.656 ms

Loss rate: 0.00%

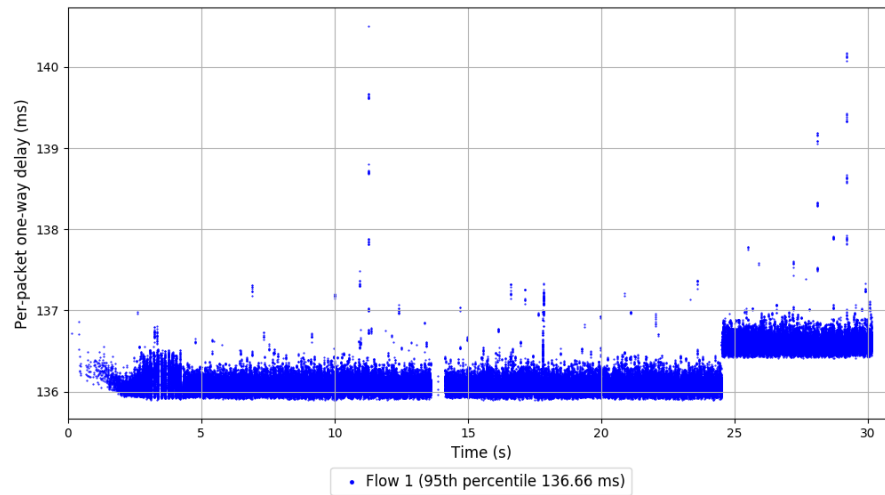
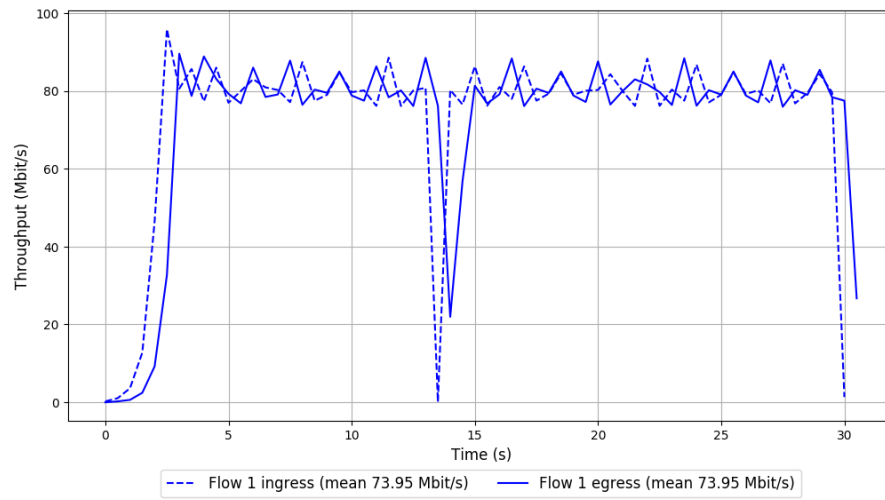
-- Flow 1:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 136.656 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

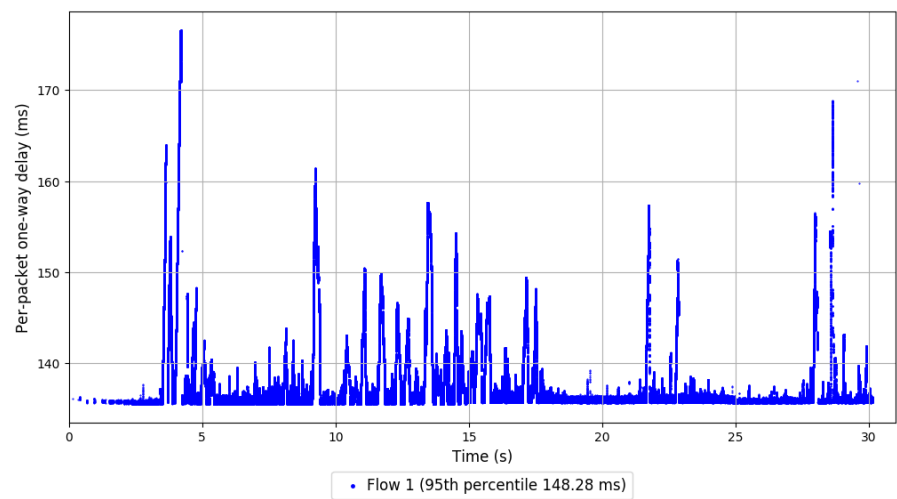
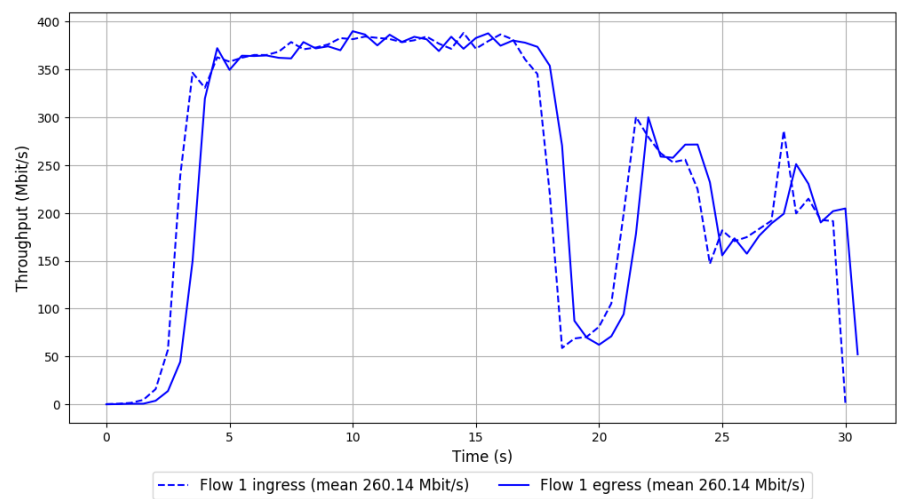


Run 1: Statistics of Copa

Start at: 2018-07-10 20:39:27
End at: 2018-07-10 20:39:57
Local clock offset: -0.247 ms
Remote clock offset: -0.446 ms

Below is generated by plot.py at 2018-07-11 00:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 260.14 Mbit/s
95th percentile per-packet one-way delay: 148.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 260.14 Mbit/s
95th percentile per-packet one-way delay: 148.281 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

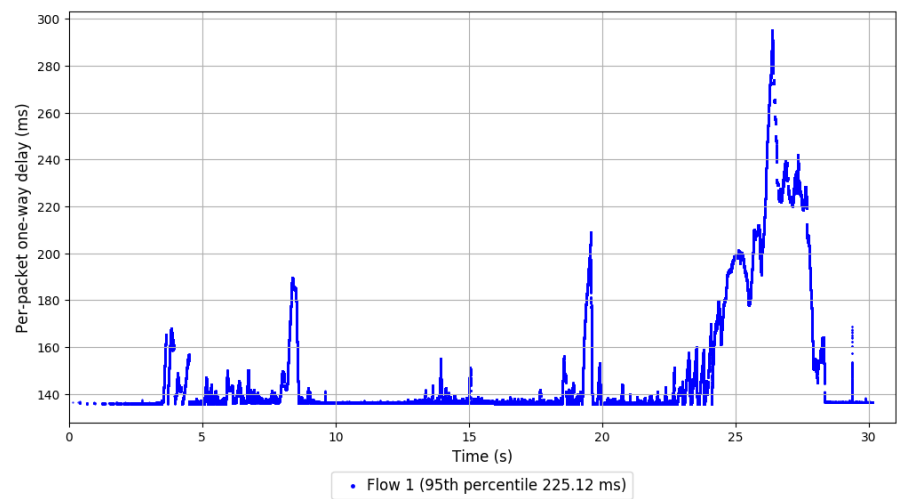
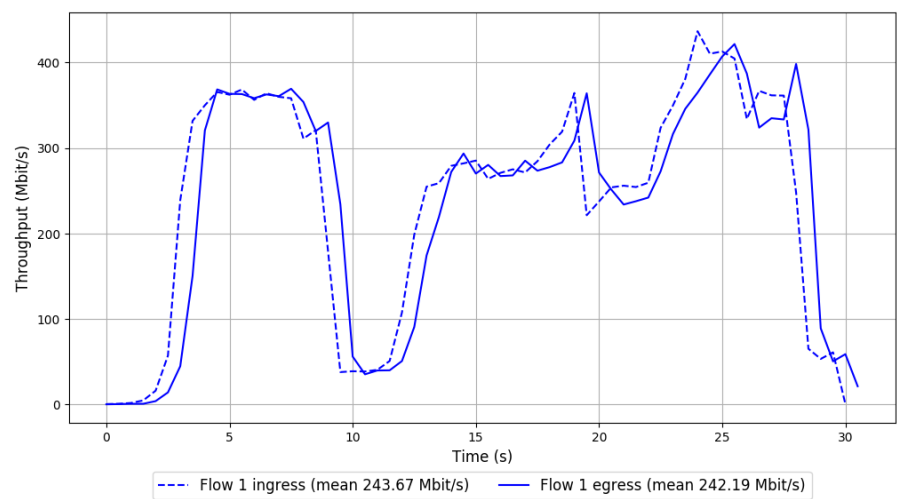


Run 2: Statistics of Copa

Start at: 2018-07-10 21:02:36
End at: 2018-07-10 21:03:06
Local clock offset: -0.089 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 00:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 242.19 Mbit/s
95th percentile per-packet one-way delay: 225.119 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 242.19 Mbit/s
95th percentile per-packet one-way delay: 225.119 ms
Loss rate: 0.61%

Run 2: Report of Copa — Data Link

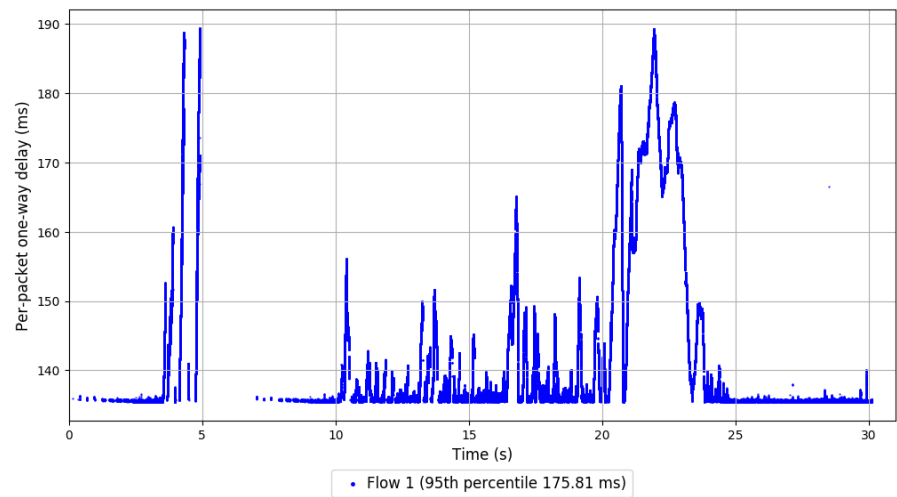
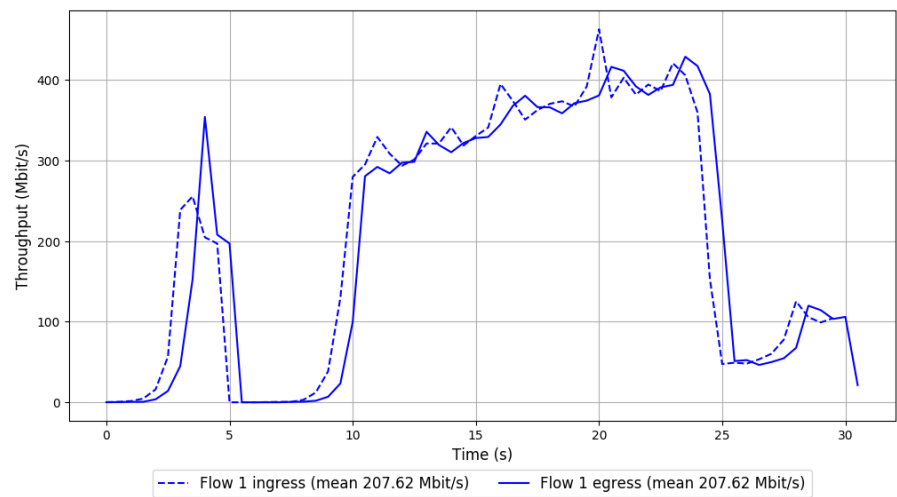


Run 3: Statistics of Copa

Start at: 2018-07-10 21:25:52
End at: 2018-07-10 21:26:22
Local clock offset: 0.189 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-11 00:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 175.810 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 175.810 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

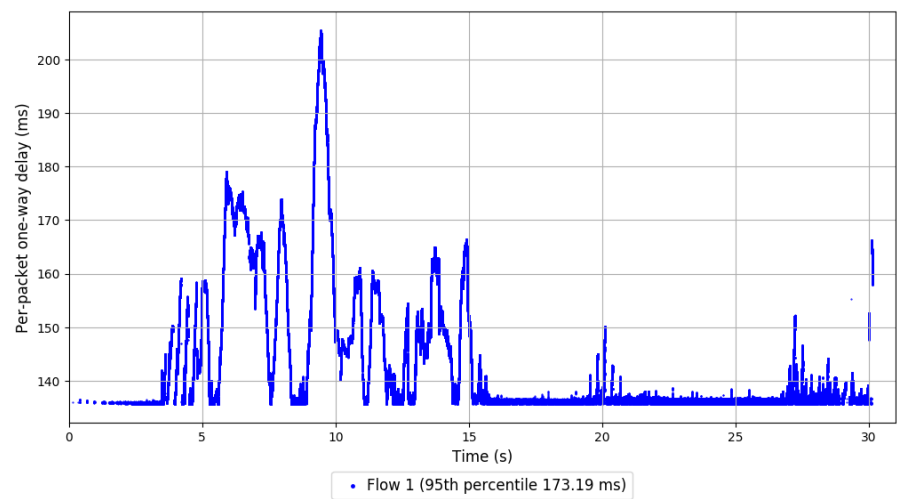
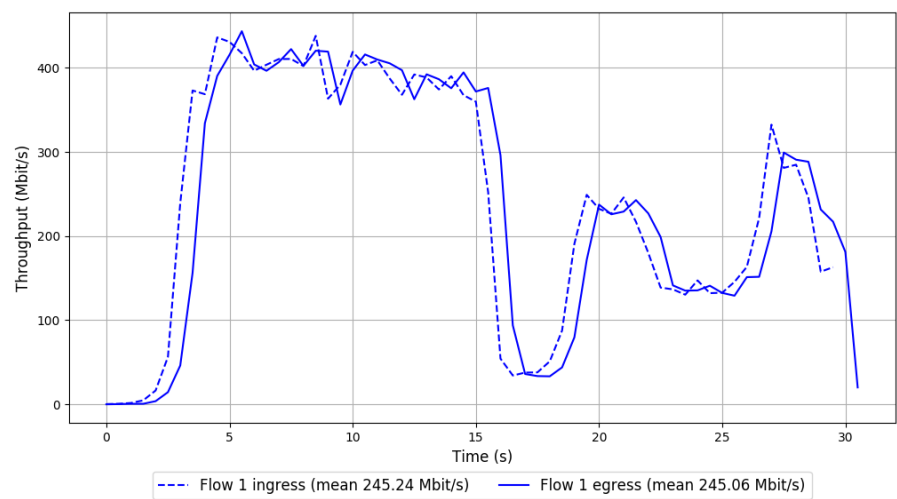


Run 4: Statistics of Copa

Start at: 2018-07-10 21:49:19
End at: 2018-07-10 21:49:49
Local clock offset: -0.033 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-11 00:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 245.06 Mbit/s
95th percentile per-packet one-way delay: 173.194 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 245.06 Mbit/s
95th percentile per-packet one-way delay: 173.194 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-07-10 22:12:19

End at: 2018-07-10 22:12:49

Local clock offset: 0.125 ms

Remote clock offset: 0.321 ms

Below is generated by plot.py at 2018-07-11 00:28:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.67 Mbit/s

95th percentile per-packet one-way delay: 188.632 ms

Loss rate: 0.02%

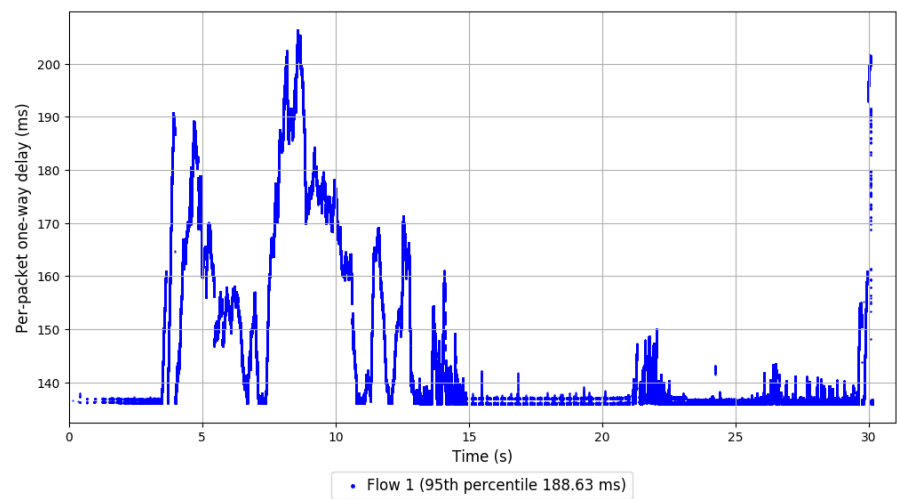
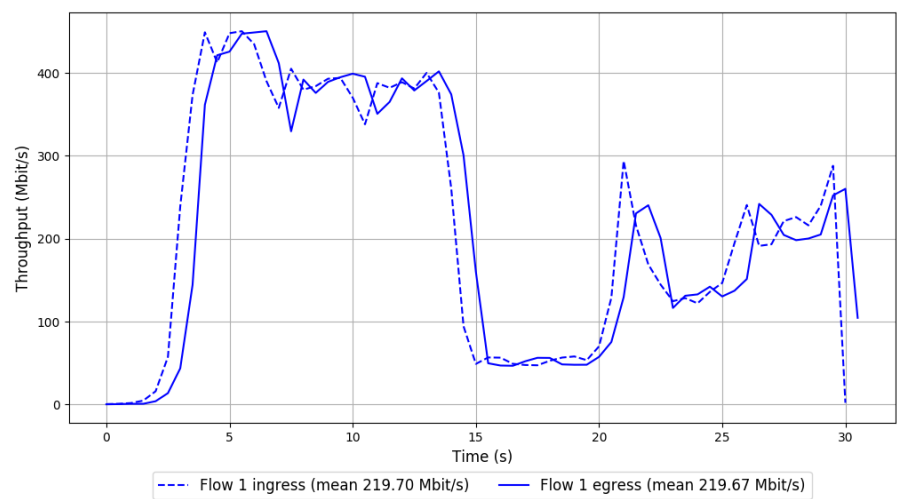
-- Flow 1:

Average throughput: 219.67 Mbit/s

95th percentile per-packet one-way delay: 188.632 ms

Loss rate: 0.02%

Run 5: Report of Copa — Data Link

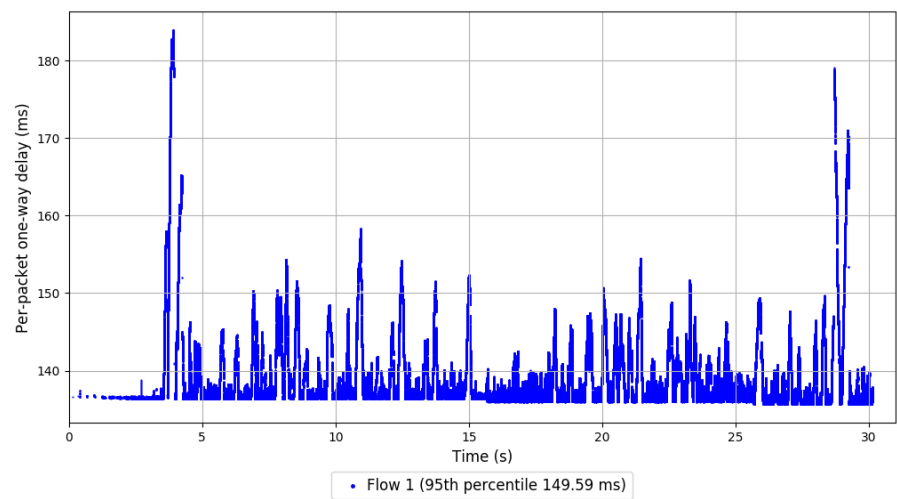
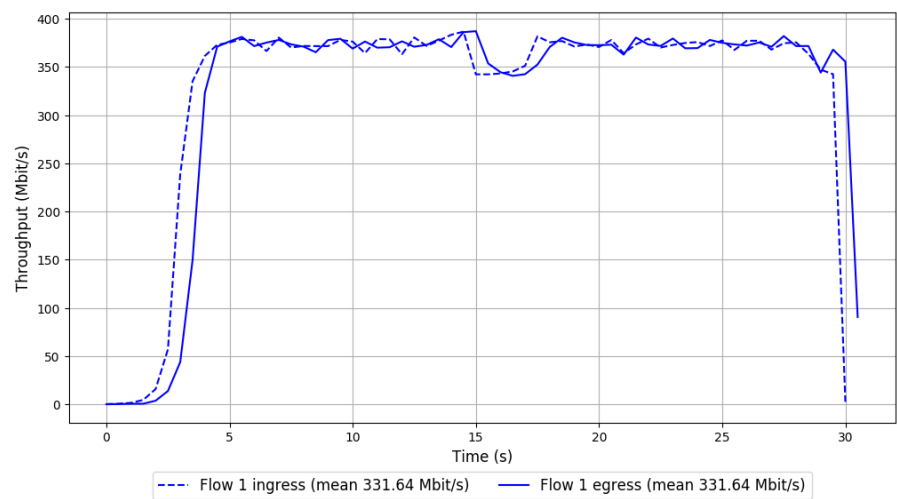


Run 6: Statistics of Copa

Start at: 2018-07-10 22:35:06
End at: 2018-07-10 22:35:36
Local clock offset: -0.141 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-11 00:30:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 331.64 Mbit/s
95th percentile per-packet one-way delay: 149.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 331.64 Mbit/s
95th percentile per-packet one-way delay: 149.590 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

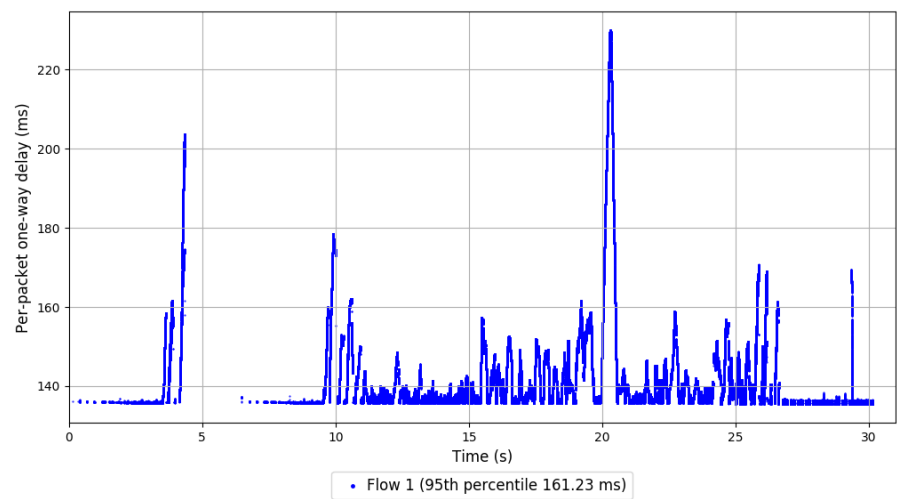
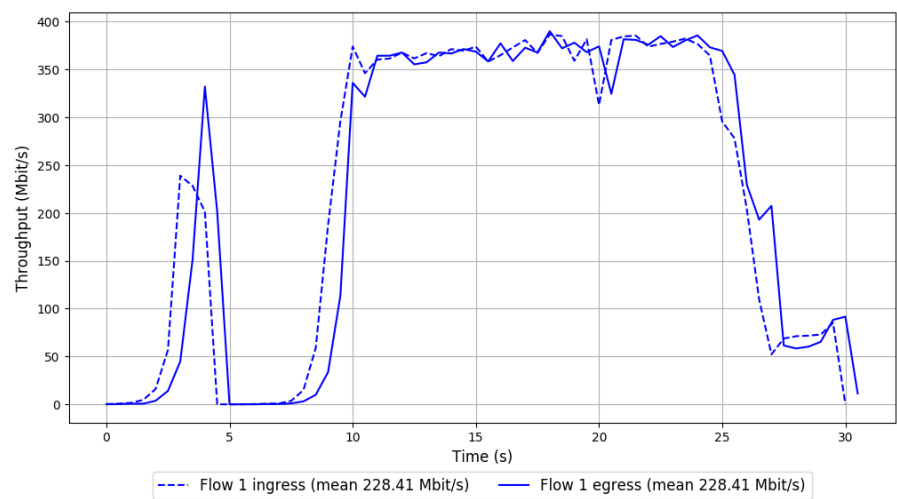


Run 7: Statistics of Copa

Start at: 2018-07-10 22:58:28
End at: 2018-07-10 22:58:58
Local clock offset: -0.025 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-11 00:30:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 228.41 Mbit/s
95th percentile per-packet one-way delay: 161.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.41 Mbit/s
95th percentile per-packet one-way delay: 161.228 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

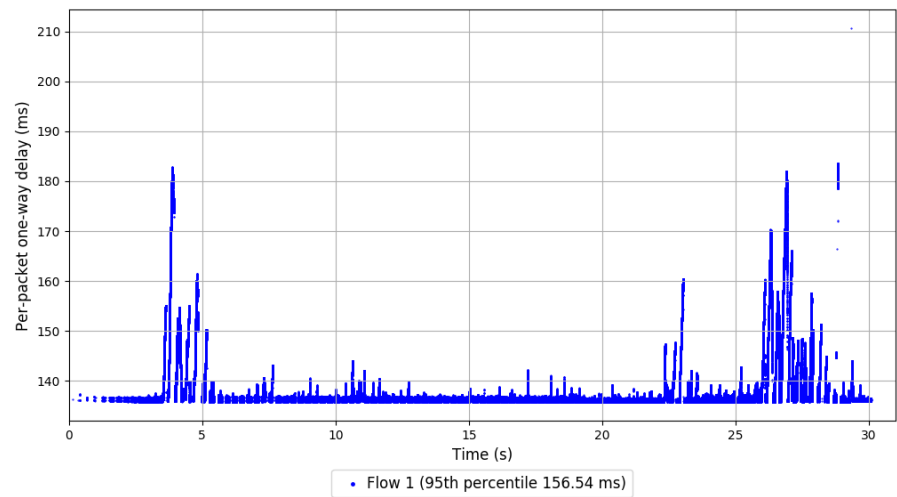
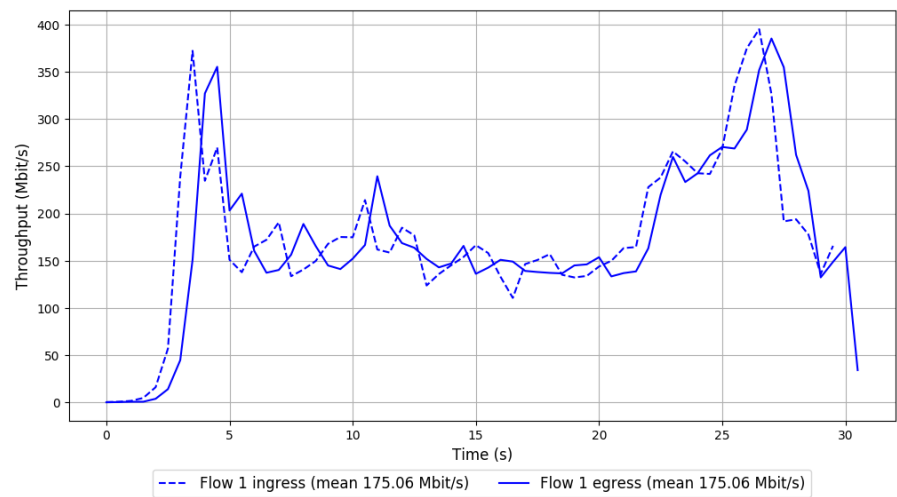


Run 8: Statistics of Copa

Start at: 2018-07-10 23:21:42
End at: 2018-07-10 23:22:12
Local clock offset: 0.032 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-11 00:30:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 175.06 Mbit/s
95th percentile per-packet one-way delay: 156.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 175.06 Mbit/s
95th percentile per-packet one-way delay: 156.545 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

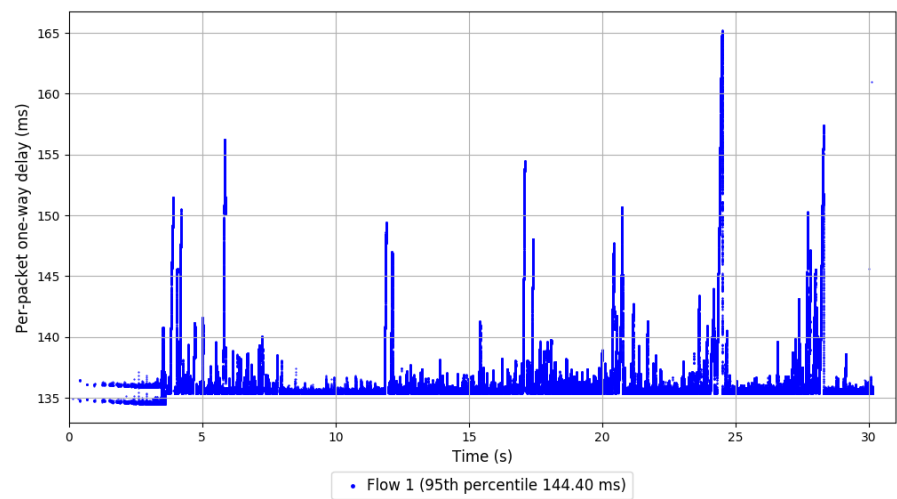
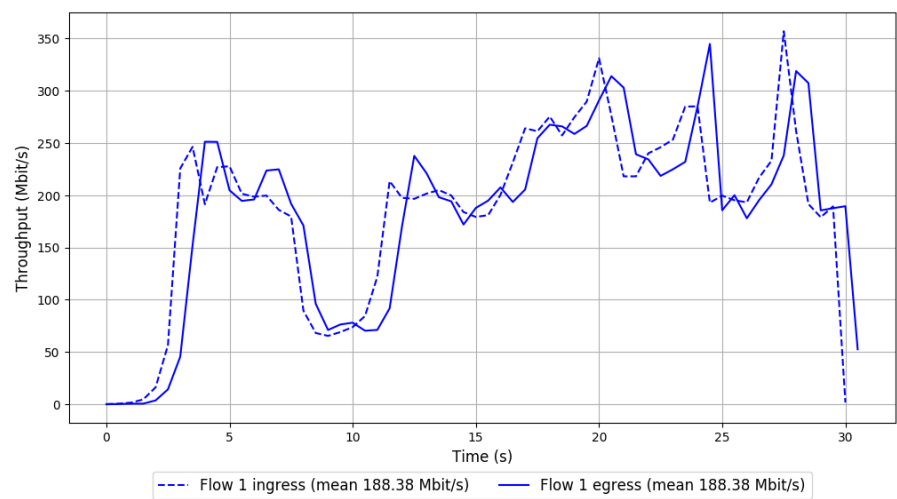


Run 9: Statistics of Copa

Start at: 2018-07-10 23:44:58
End at: 2018-07-10 23:45:28
Local clock offset: -0.098 ms
Remote clock offset: -0.434 ms

Below is generated by plot.py at 2018-07-11 00:32:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.38 Mbit/s
95th percentile per-packet one-way delay: 144.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.38 Mbit/s
95th percentile per-packet one-way delay: 144.395 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

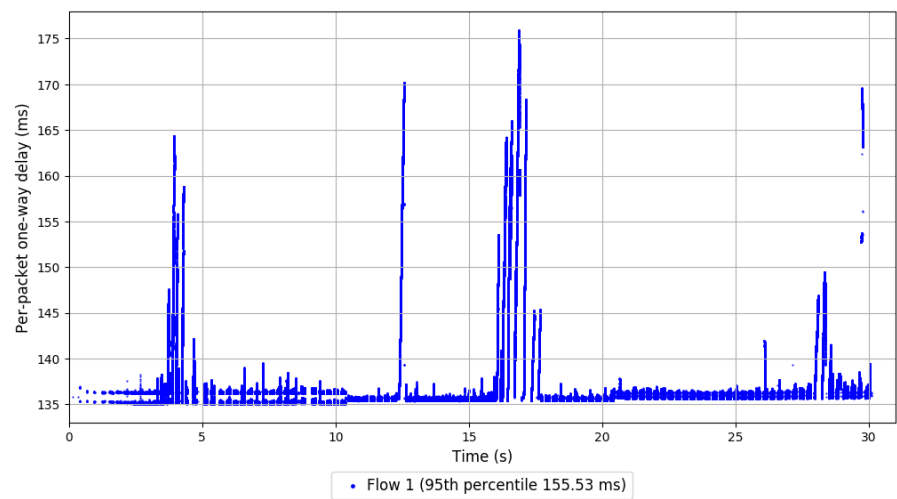
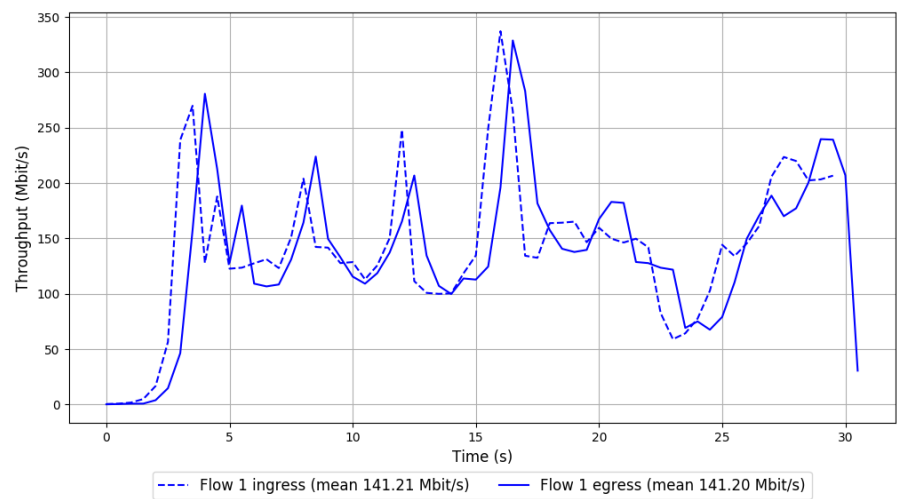


Run 10: Statistics of Copa

Start at: 2018-07-11 00:07:51
End at: 2018-07-11 00:08:21
Local clock offset: 0.062 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-07-11 00:32:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 141.20 Mbit/s
95th percentile per-packet one-way delay: 155.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 141.20 Mbit/s
95th percentile per-packet one-way delay: 155.535 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

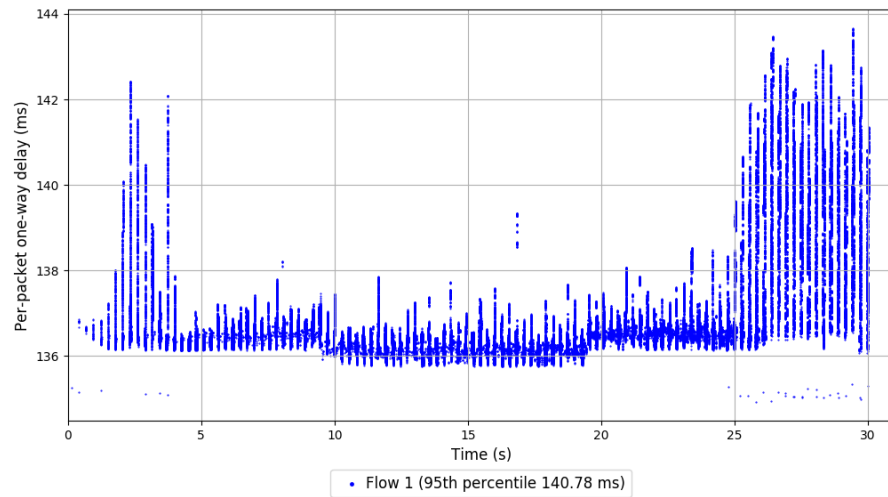
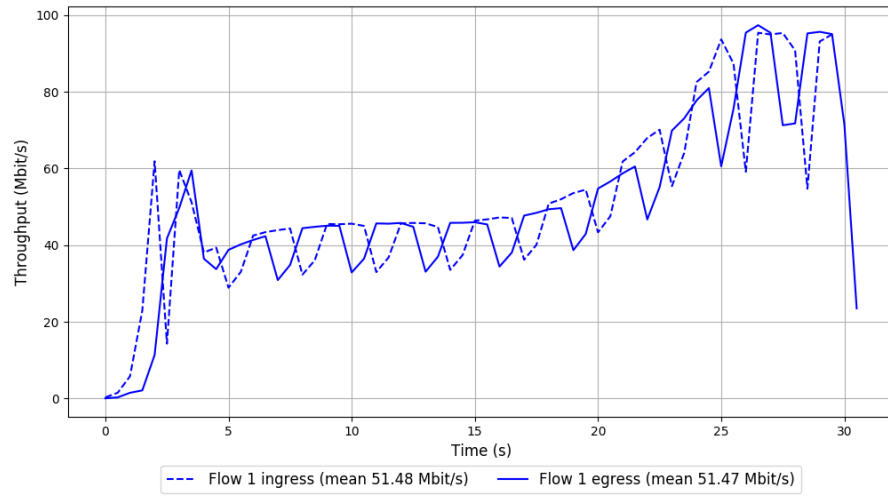


Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 20:21:42
End at: 2018-07-10 20:22:12
Local clock offset: 0.042 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 140.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 140.785 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 20:45:02

End at: 2018-07-10 20:45:32

Local clock offset: -0.015 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2018-07-11 00:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.69 Mbit/s

95th percentile per-packet one-way delay: 141.398 ms

Loss rate: 0.00%

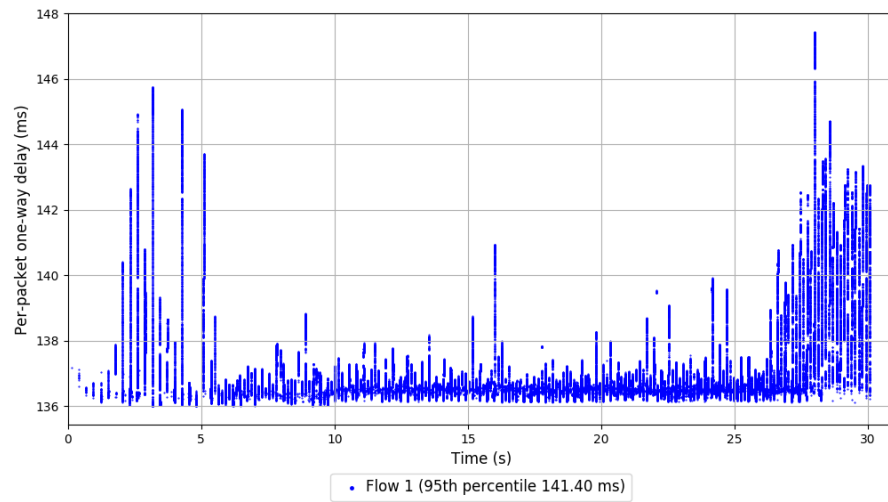
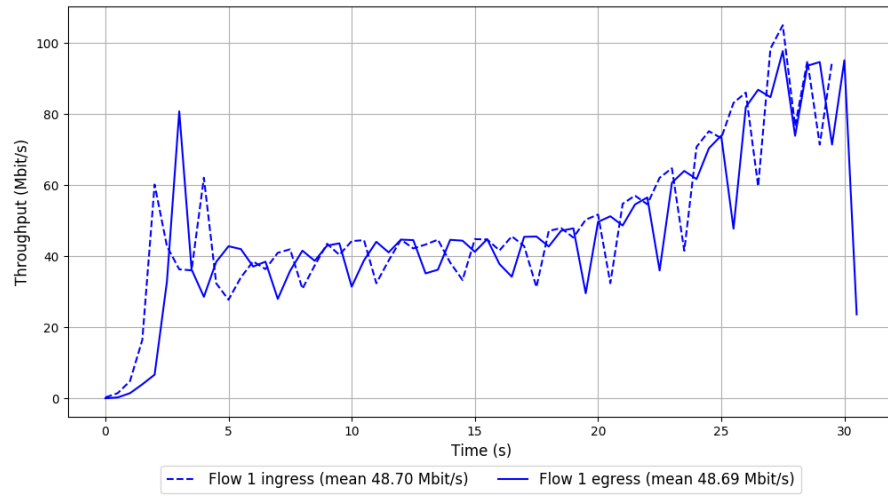
-- Flow 1:

Average throughput: 48.69 Mbit/s

95th percentile per-packet one-way delay: 141.398 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

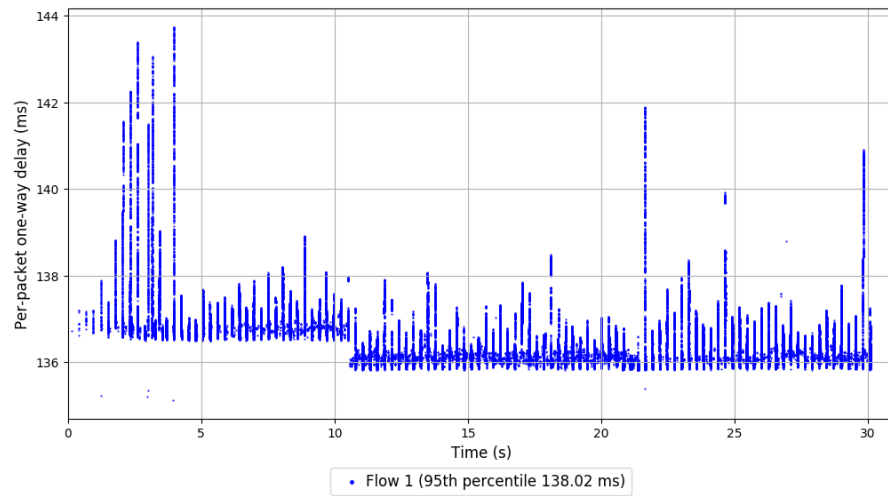
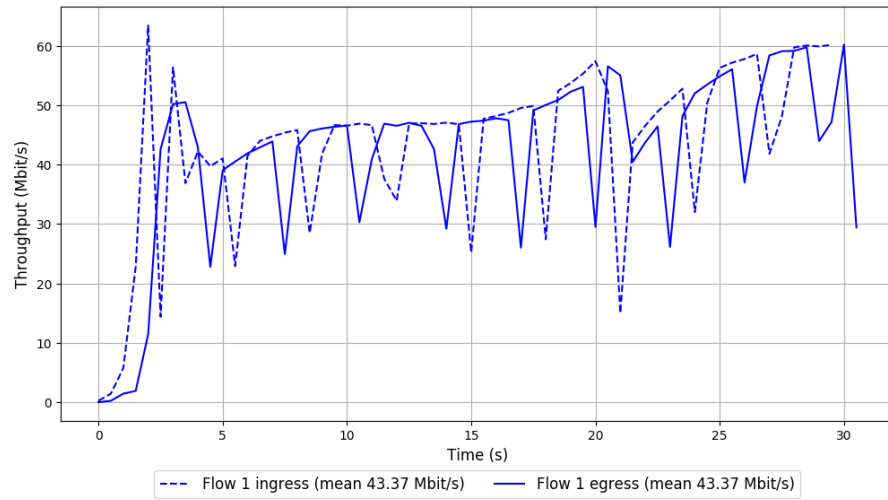


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 21:08:11
End at: 2018-07-10 21:08:41
Local clock offset: -0.172 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 138.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 138.021 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 21:31:22

End at: 2018-07-10 21:31:52

Local clock offset: -0.173 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2018-07-11 00:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.17 Mbit/s

95th percentile per-packet one-way delay: 142.663 ms

Loss rate: 0.00%

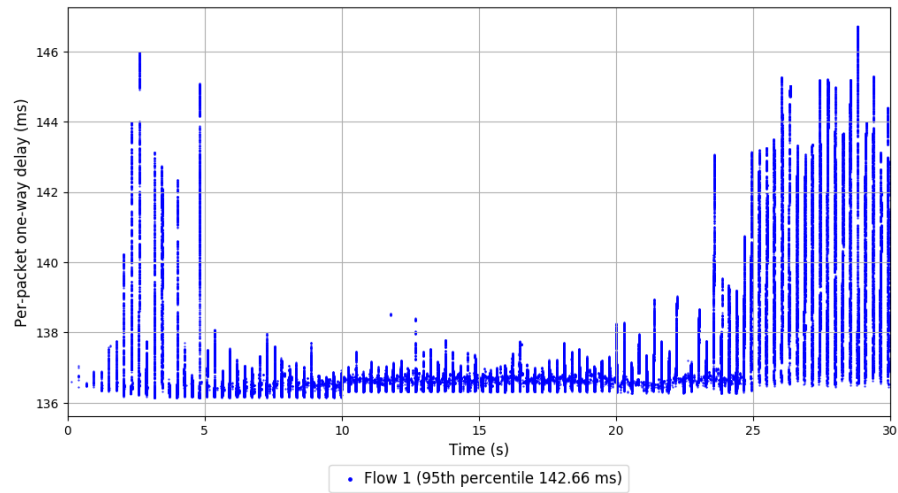
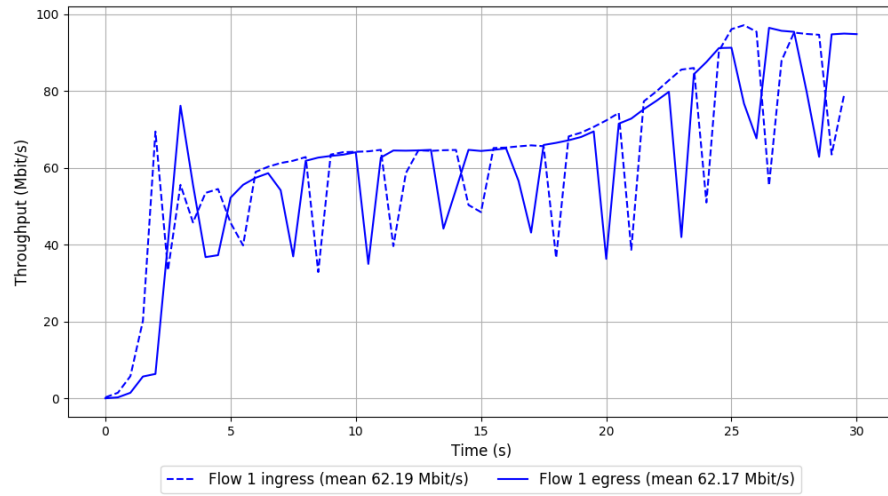
-- Flow 1:

Average throughput: 62.17 Mbit/s

95th percentile per-packet one-way delay: 142.663 ms

Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

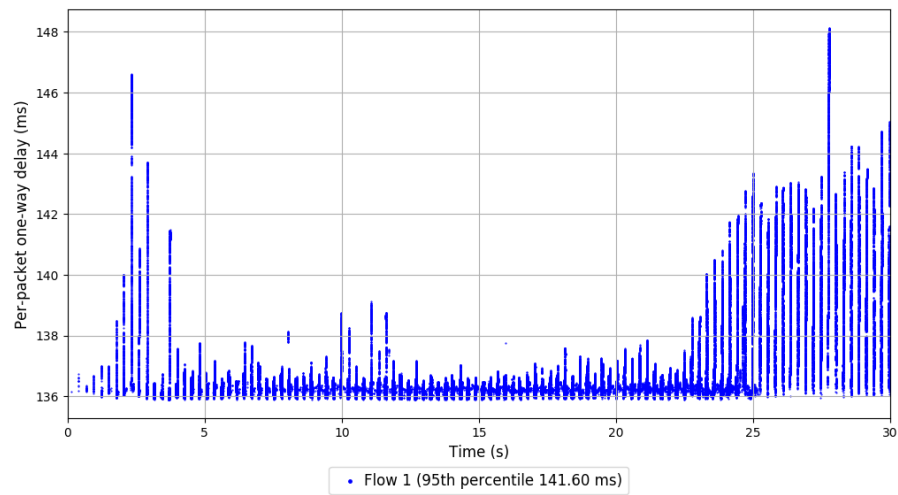
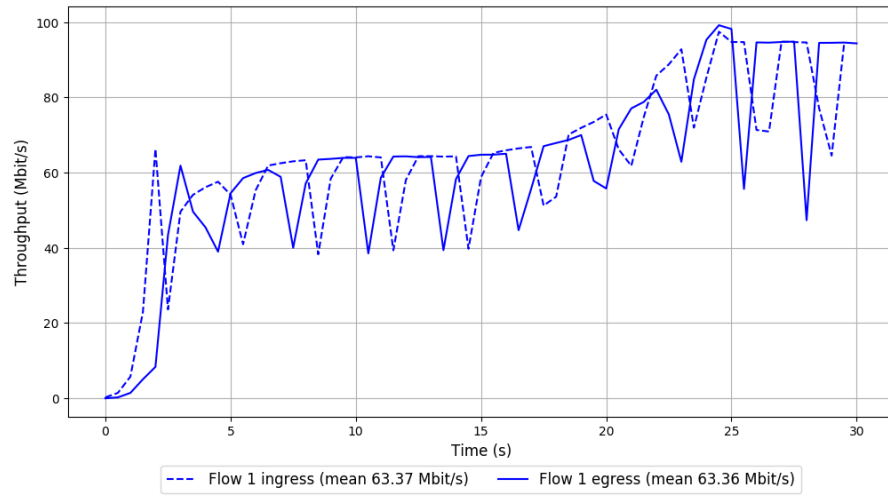


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 21:54:52
End at: 2018-07-10 21:55:22
Local clock offset: -0.282 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.36 Mbit/s
95th percentile per-packet one-way delay: 141.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.36 Mbit/s
95th percentile per-packet one-way delay: 141.603 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

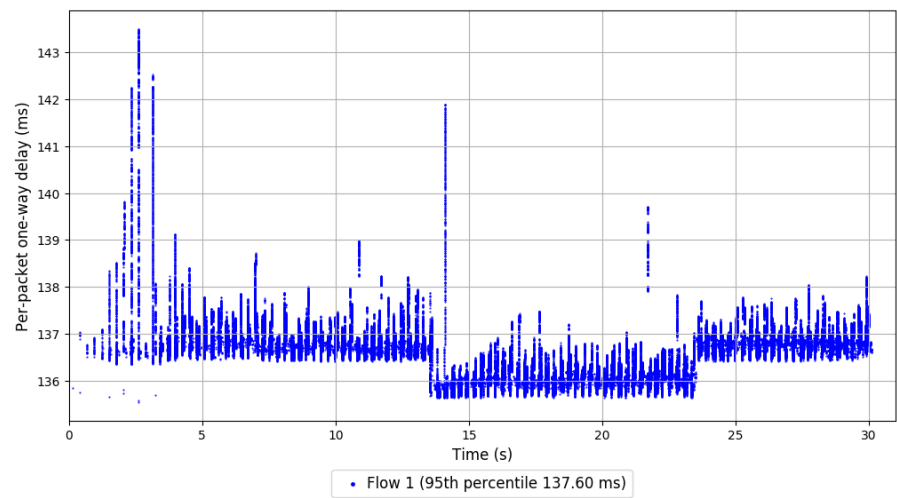
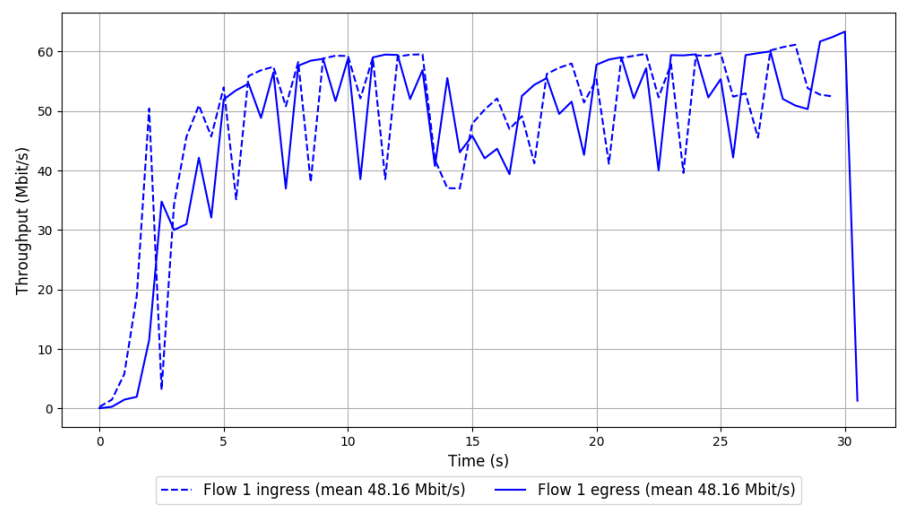


Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 22:17:48
End at: 2018-07-10 22:18:18
Local clock offset: -0.046 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 137.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 137.602 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 22:40:46

End at: 2018-07-10 22:41:17

Local clock offset: -0.085 ms

Remote clock offset: 0.279 ms

Below is generated by plot.py at 2018-07-11 00:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.24 Mbit/s

95th percentile per-packet one-way delay: 143.452 ms

Loss rate: 0.00%

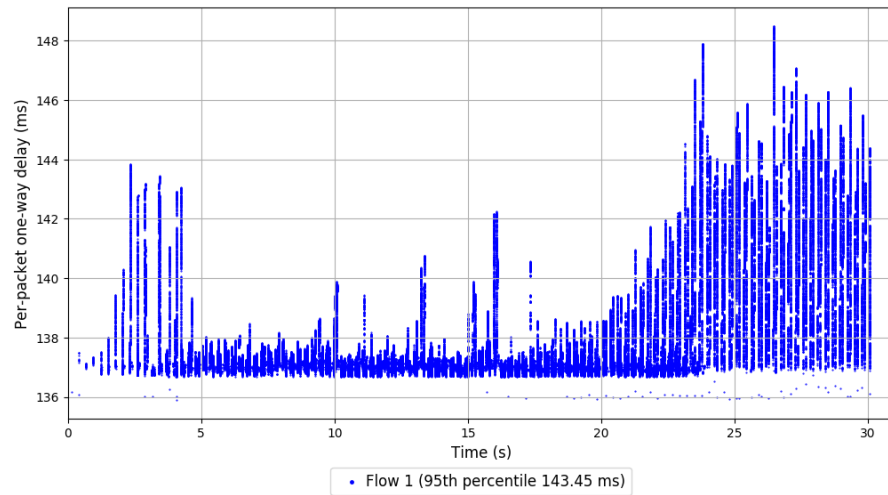
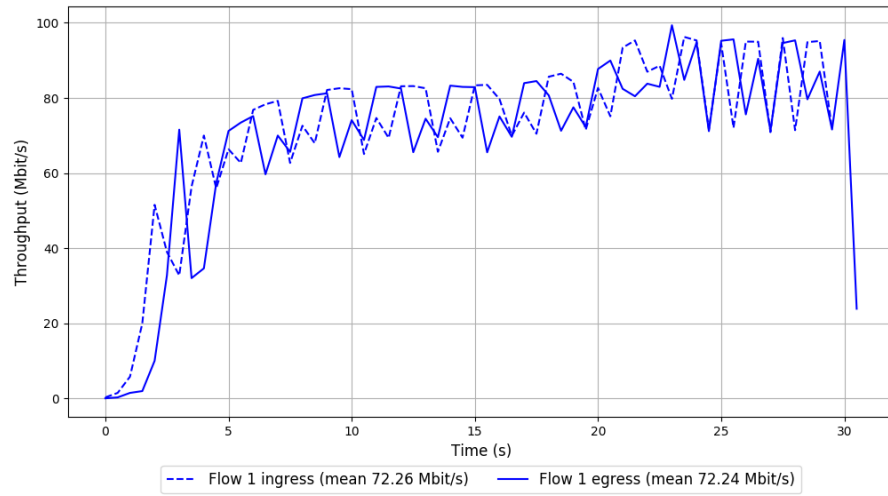
-- Flow 1:

Average throughput: 72.24 Mbit/s

95th percentile per-packet one-way delay: 143.452 ms

Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

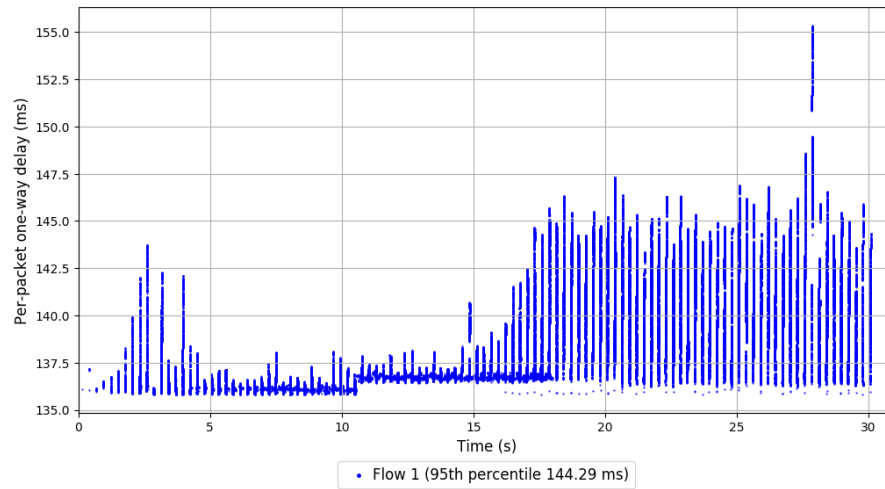
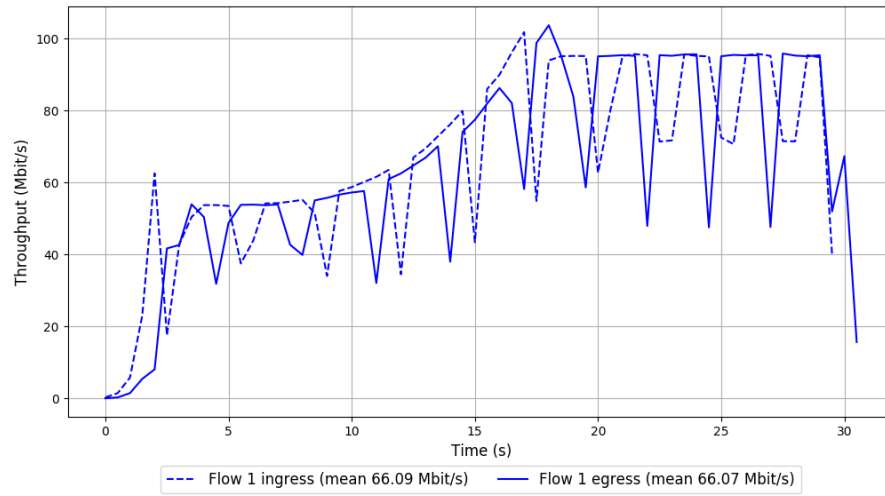


Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 23:04:01
End at: 2018-07-10 23:04:31
Local clock offset: -0.062 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 144.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 144.293 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

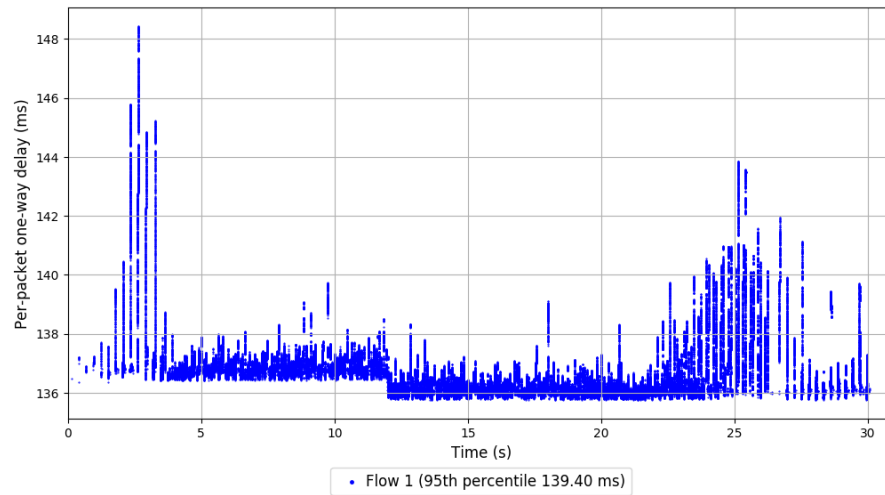
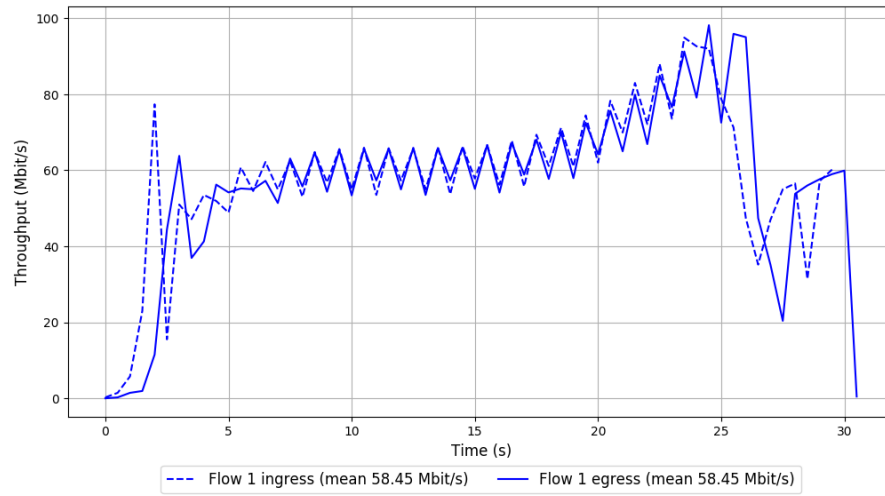


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 23:27:10
End at: 2018-07-10 23:27:40
Local clock offset: -0.061 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-11 00:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 139.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 139.398 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 23:50:22

End at: 2018-07-10 23:50:52

Local clock offset: -0.122 ms

Remote clock offset: 0.26 ms

Below is generated by plot.py at 2018-07-11 00:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.78 Mbit/s

95th percentile per-packet one-way delay: 141.870 ms

Loss rate: 0.00%

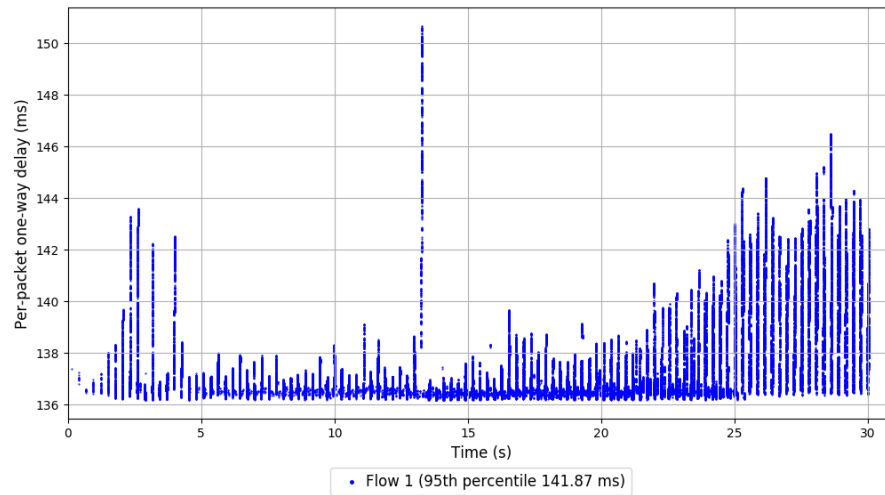
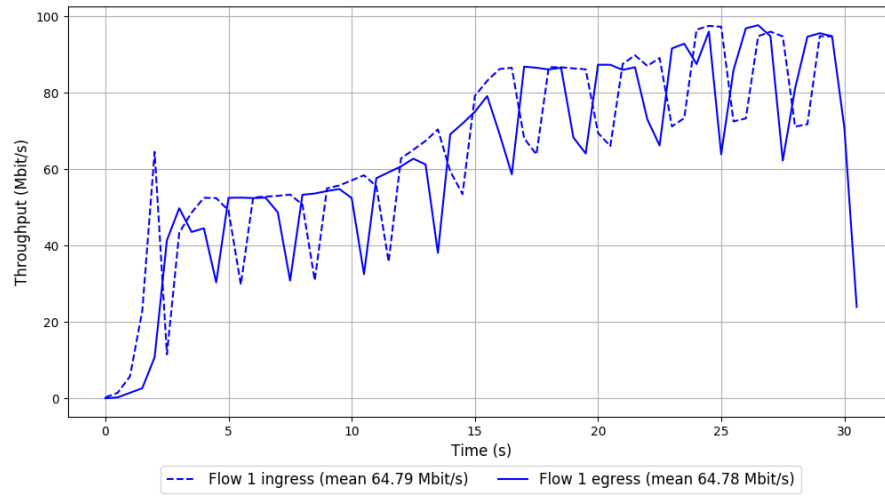
-- Flow 1:

Average throughput: 64.78 Mbit/s

95th percentile per-packet one-way delay: 141.870 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

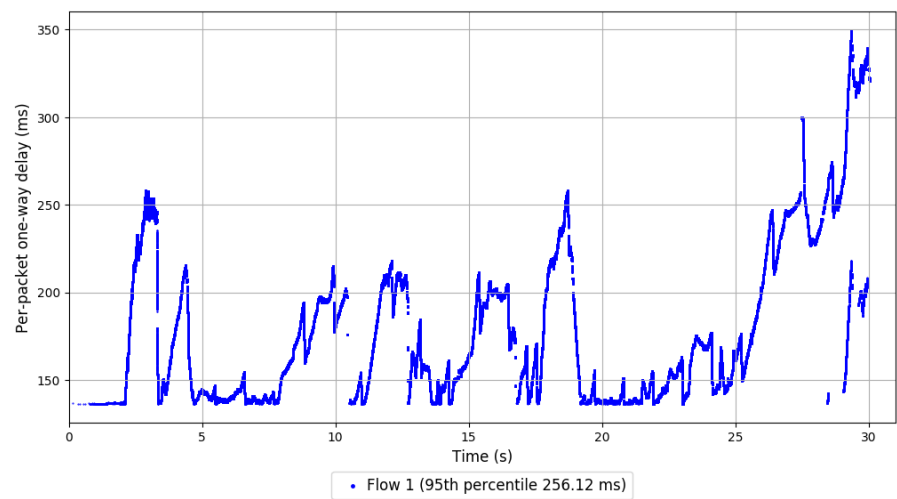
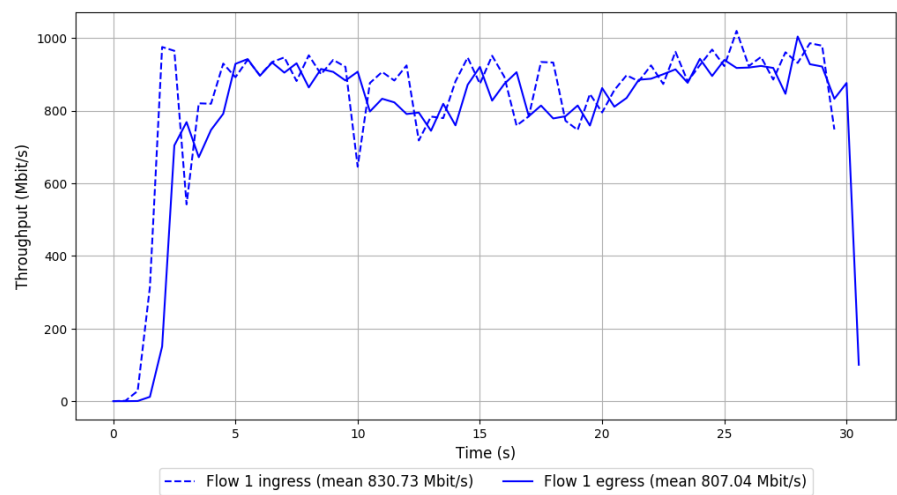


Run 1: Statistics of FillP

Start at: 2018-07-10 20:35:10
End at: 2018-07-10 20:35:40
Local clock offset: -0.052 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-07-11 00:45:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 807.04 Mbit/s
95th percentile per-packet one-way delay: 256.119 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 807.04 Mbit/s
95th percentile per-packet one-way delay: 256.119 ms
Loss rate: 2.85%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-10 20:58:24

End at: 2018-07-10 20:58:54

Local clock offset: -0.199 ms

Remote clock offset: 0.262 ms

Below is generated by plot.py at 2018-07-11 00:45:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 762.57 Mbit/s

95th percentile per-packet one-way delay: 223.878 ms

Loss rate: 4.69%

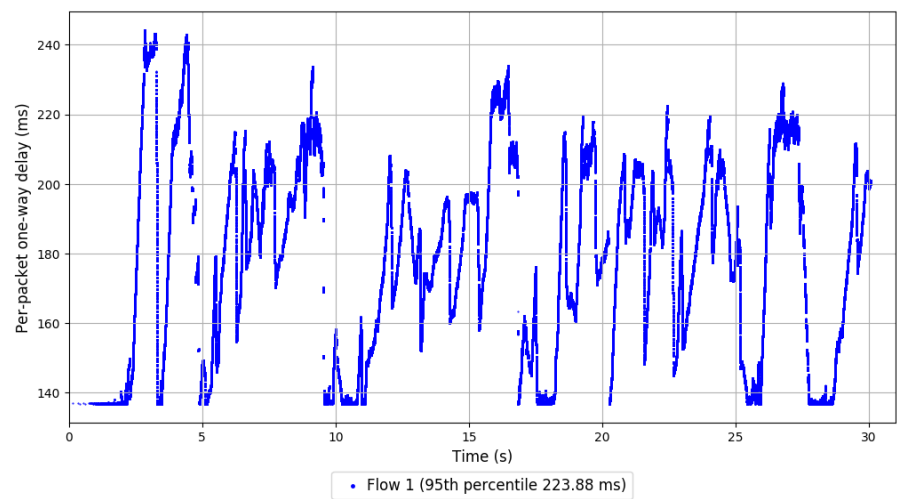
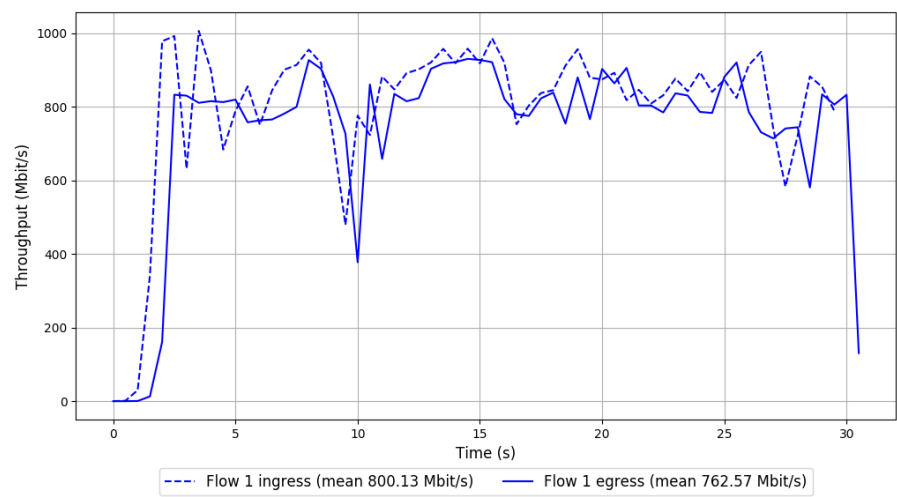
-- Flow 1:

Average throughput: 762.57 Mbit/s

95th percentile per-packet one-way delay: 223.878 ms

Loss rate: 4.69%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-07-10 21:21:35

End at: 2018-07-10 21:22:05

Local clock offset: 0.011 ms

Remote clock offset: 0.296 ms

Below is generated by plot.py at 2018-07-11 00:45:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 713.78 Mbit/s

95th percentile per-packet one-way delay: 326.620 ms

Loss rate: 1.41%

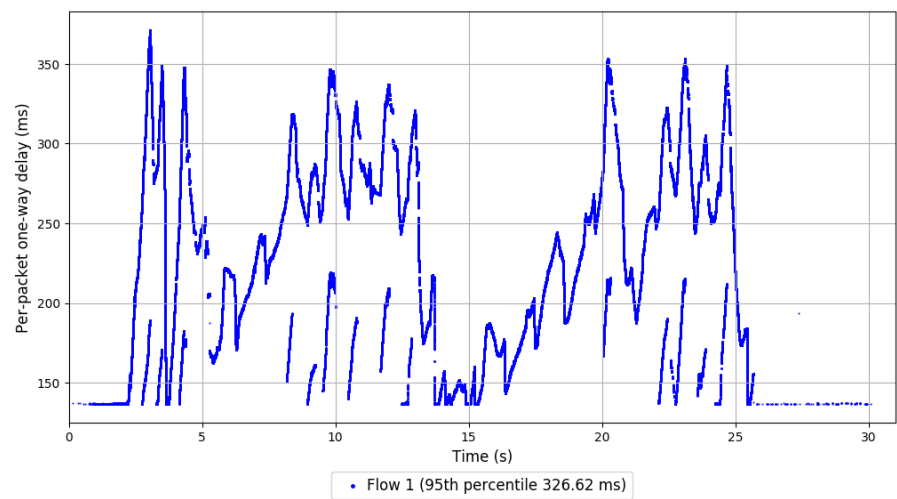
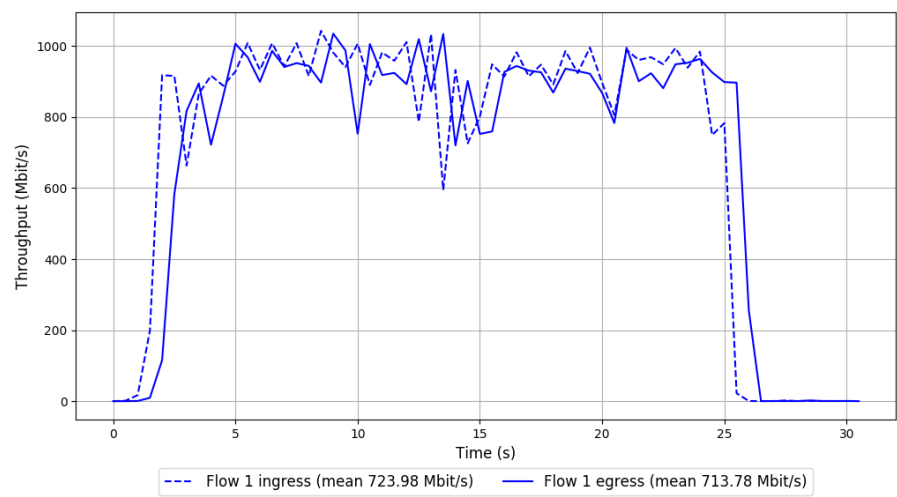
-- Flow 1:

Average throughput: 713.78 Mbit/s

95th percentile per-packet one-way delay: 326.620 ms

Loss rate: 1.41%

Run 3: Report of FillP — Data Link

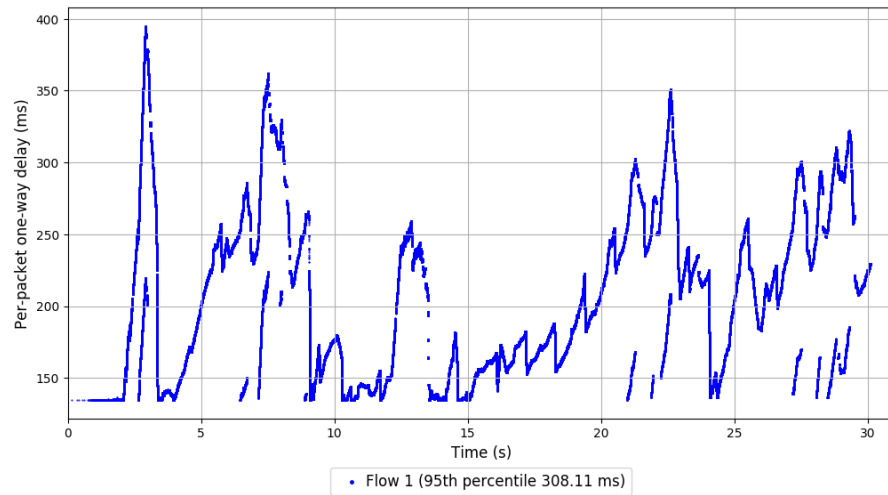
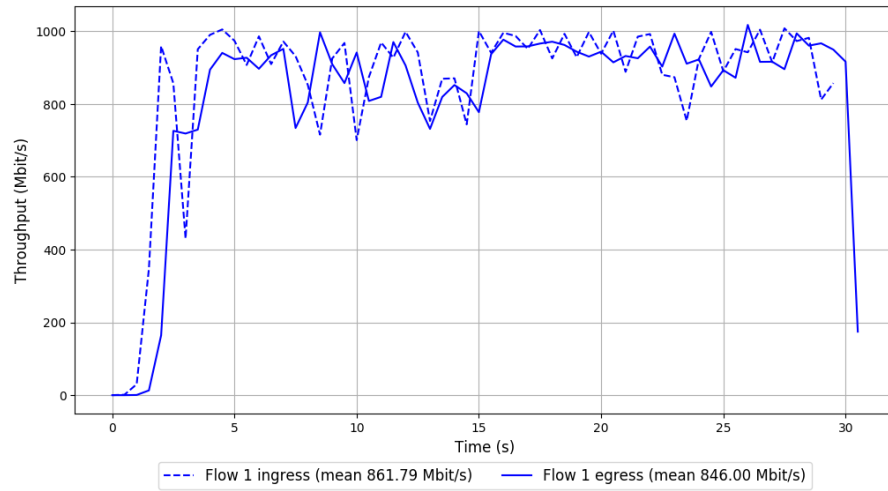


Run 4: Statistics of FillP

Start at: 2018-07-10 21:45:00
End at: 2018-07-10 21:45:30
Local clock offset: -0.15 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-07-11 00:46:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 846.00 Mbit/s
95th percentile per-packet one-way delay: 308.105 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 846.00 Mbit/s
95th percentile per-packet one-way delay: 308.105 ms
Loss rate: 1.83%

Run 4: Report of FillP — Data Link

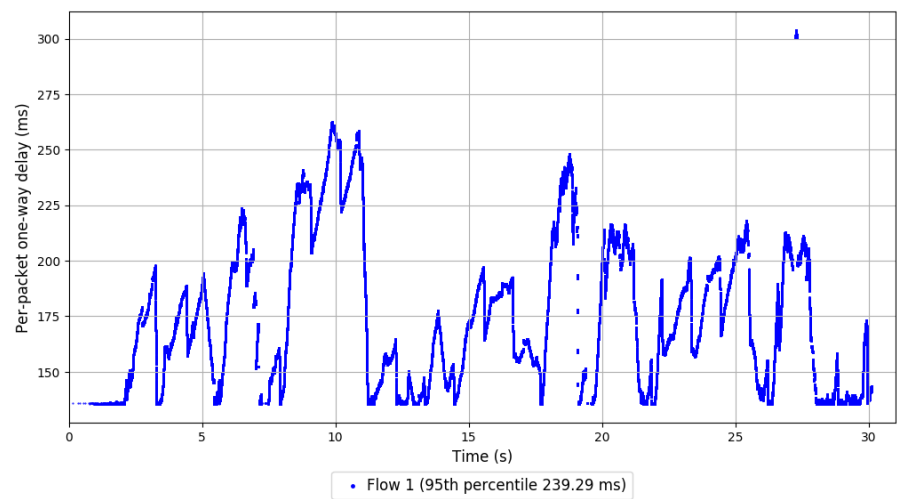
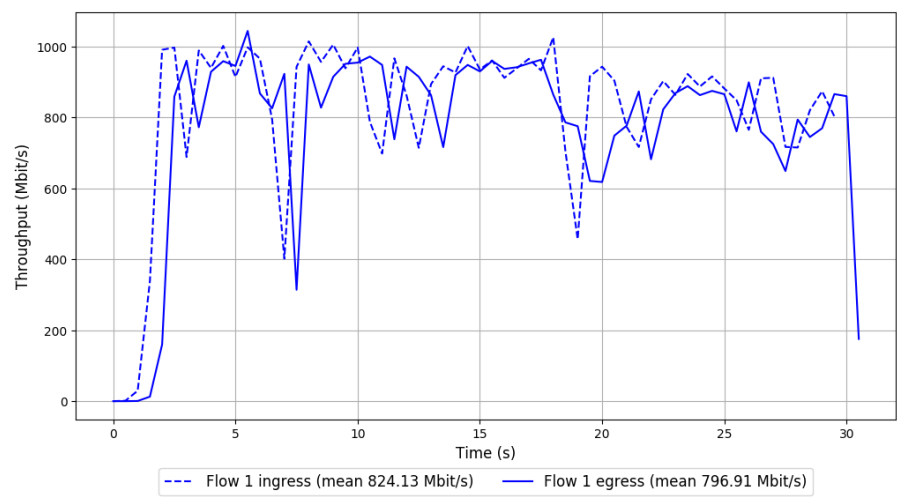


Run 5: Statistics of FillP

Start at: 2018-07-10 22:08:02
End at: 2018-07-10 22:08:32
Local clock offset: 0.094 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-11 00:46:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 796.91 Mbit/s
95th percentile per-packet one-way delay: 239.291 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 796.91 Mbit/s
95th percentile per-packet one-way delay: 239.291 ms
Loss rate: 3.30%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-10 22:30:55

End at: 2018-07-10 22:31:25

Local clock offset: 0.007 ms

Remote clock offset: 0.28 ms

Below is generated by plot.py at 2018-07-11 00:46:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 752.68 Mbit/s

95th percentile per-packet one-way delay: 276.332 ms

Loss rate: 4.57%

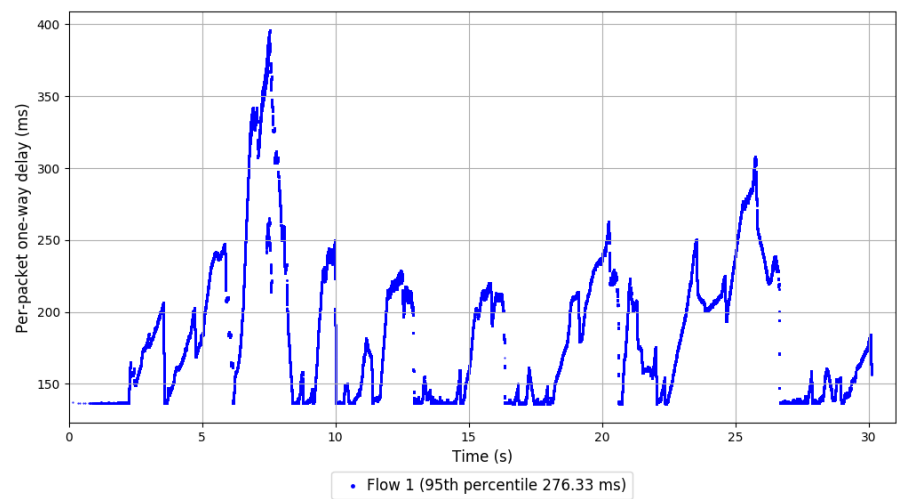
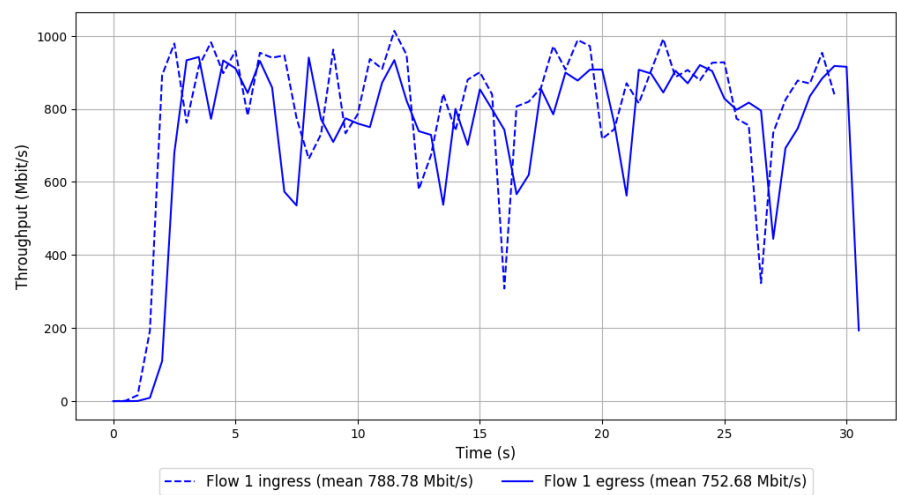
-- Flow 1:

Average throughput: 752.68 Mbit/s

95th percentile per-packet one-way delay: 276.332 ms

Loss rate: 4.57%

Run 6: Report of FillP — Data Link

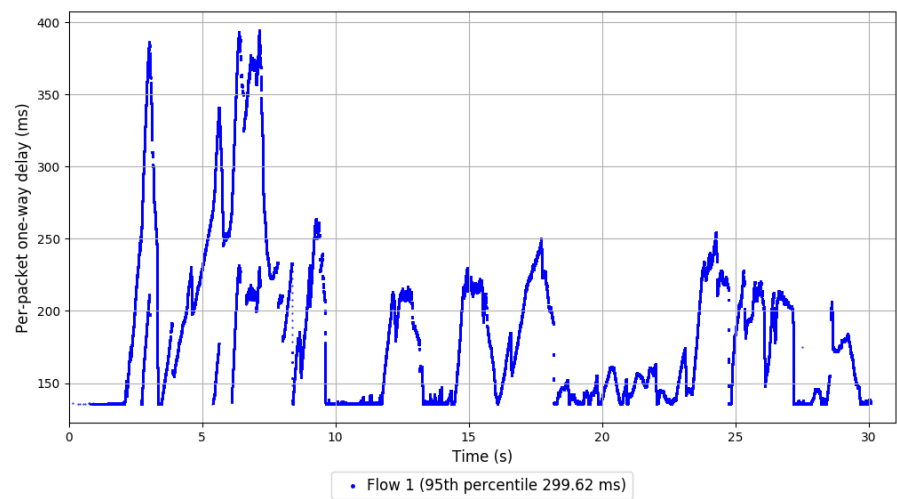
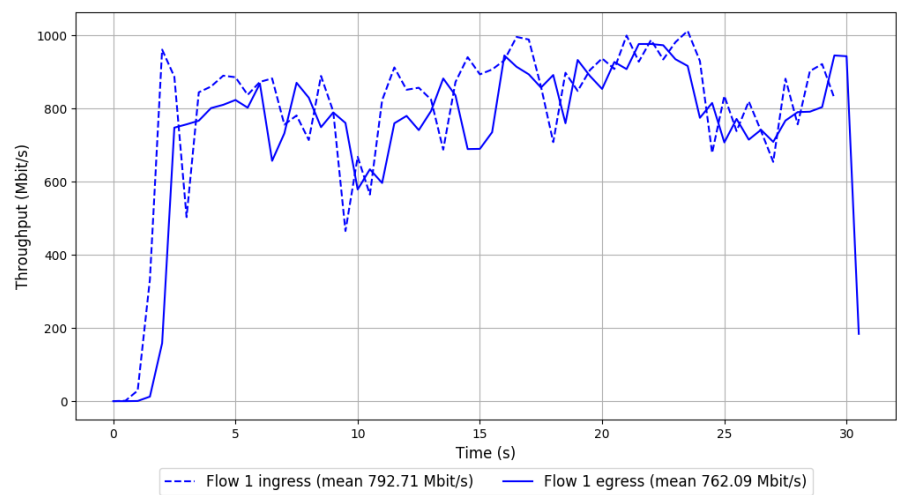


Run 7: Statistics of FillP

Start at: 2018-07-10 22:54:09
End at: 2018-07-10 22:54:39
Local clock offset: -0.066 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-07-11 00:46:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 762.09 Mbit/s
95th percentile per-packet one-way delay: 299.618 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 762.09 Mbit/s
95th percentile per-packet one-way delay: 299.618 ms
Loss rate: 3.86%

Run 7: Report of FillP — Data Link

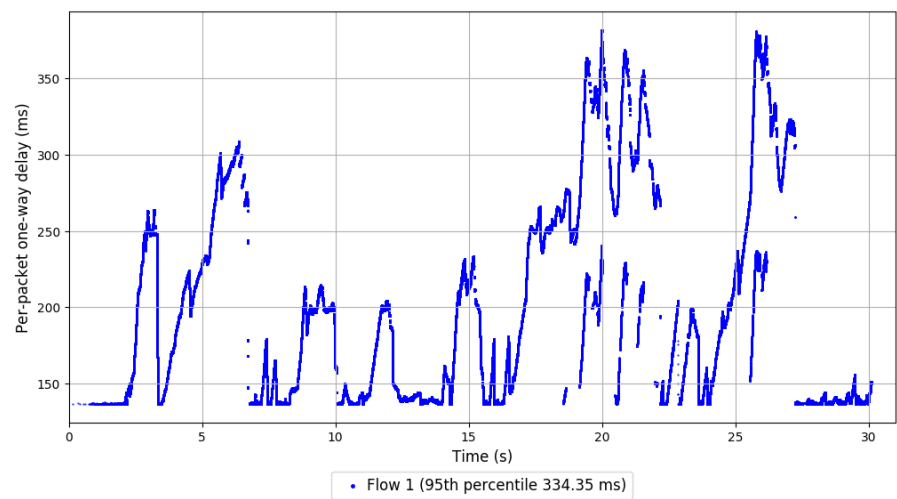
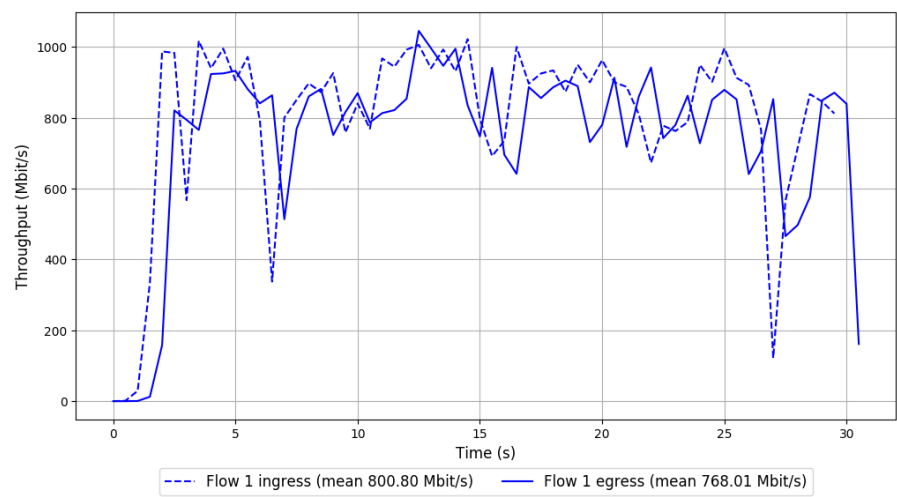


Run 8: Statistics of FillP

Start at: 2018-07-10 23:17:25
End at: 2018-07-10 23:17:56
Local clock offset: -0.243 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-07-11 00:48:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 768.01 Mbit/s
95th percentile per-packet one-way delay: 334.348 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 768.01 Mbit/s
95th percentile per-packet one-way delay: 334.348 ms
Loss rate: 4.09%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-07-10 23:40:42

End at: 2018-07-10 23:41:12

Local clock offset: -0.163 ms

Remote clock offset: 0.289 ms

Below is generated by plot.py at 2018-07-11 00:58:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 686.17 Mbit/s

95th percentile per-packet one-way delay: 303.333 ms

Loss rate: 5.02%

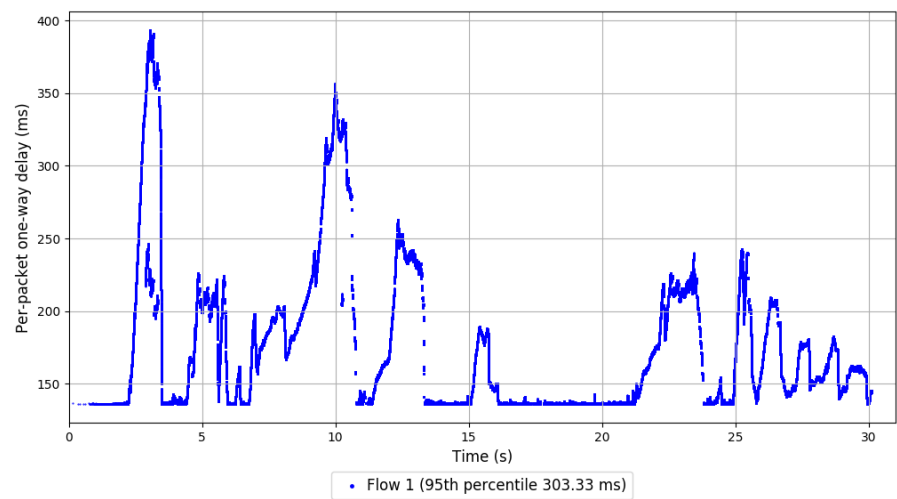
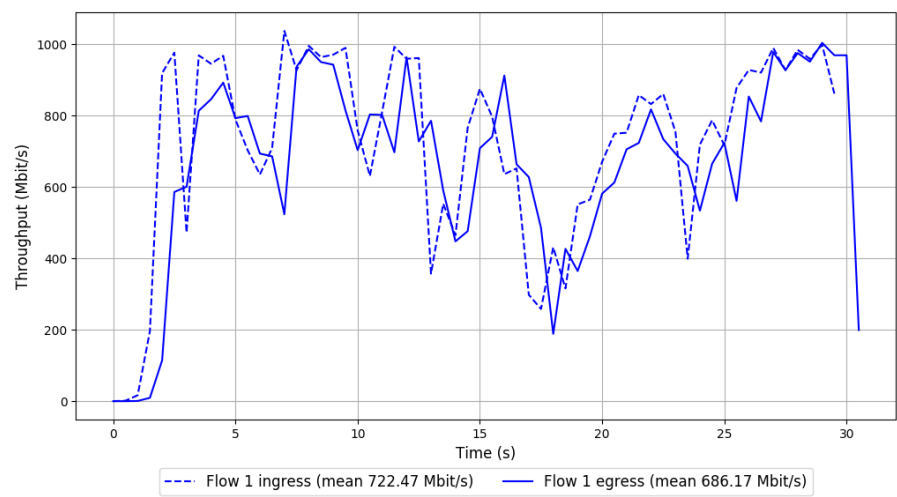
-- Flow 1:

Average throughput: 686.17 Mbit/s

95th percentile per-packet one-way delay: 303.333 ms

Loss rate: 5.02%

Run 9: Report of FillP — Data Link

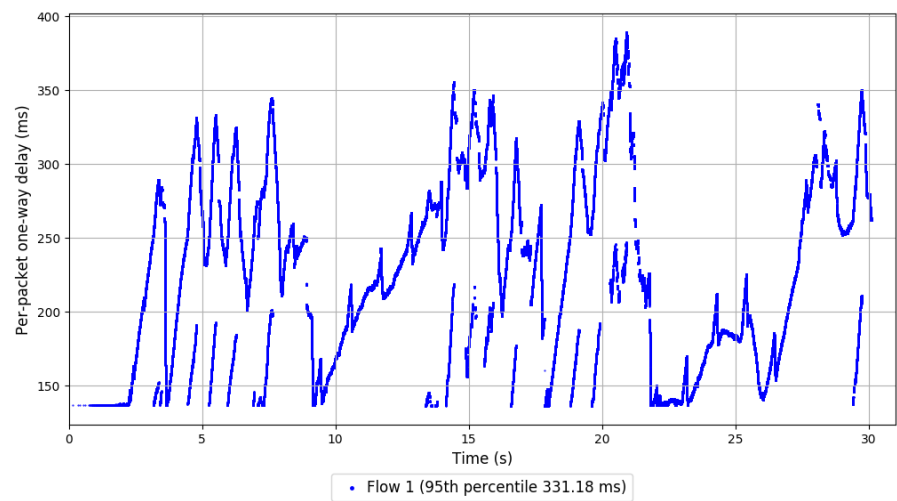
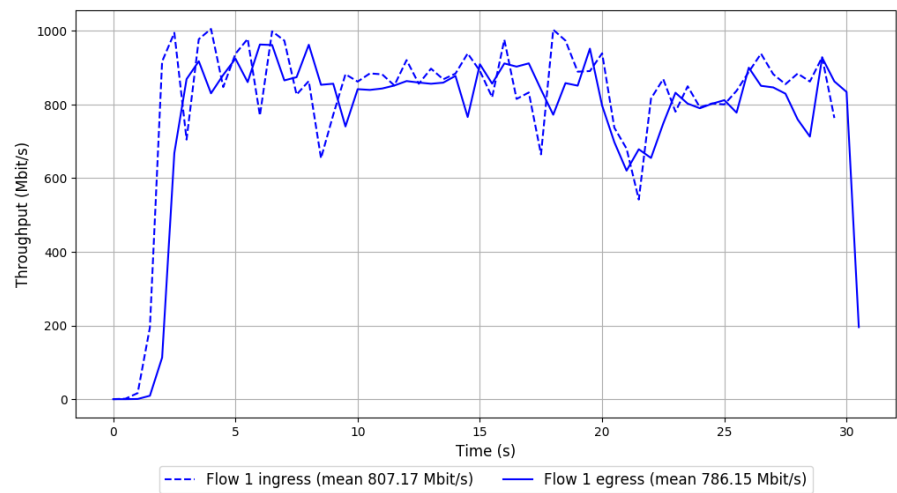


Run 10: Statistics of FillP

Start at: 2018-07-11 00:03:32
End at: 2018-07-11 00:04:02
Local clock offset: -0.277 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-07-11 01:00:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 786.15 Mbit/s
95th percentile per-packet one-way delay: 331.182 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 786.15 Mbit/s
95th percentile per-packet one-way delay: 331.182 ms
Loss rate: 2.60%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 20:26:56

End at: 2018-07-10 20:27:26

Local clock offset: 0.165 ms

Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-11 01:00:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 771.05 Mbit/s

95th percentile per-packet one-way delay: 331.333 ms

Loss rate: 4.32%

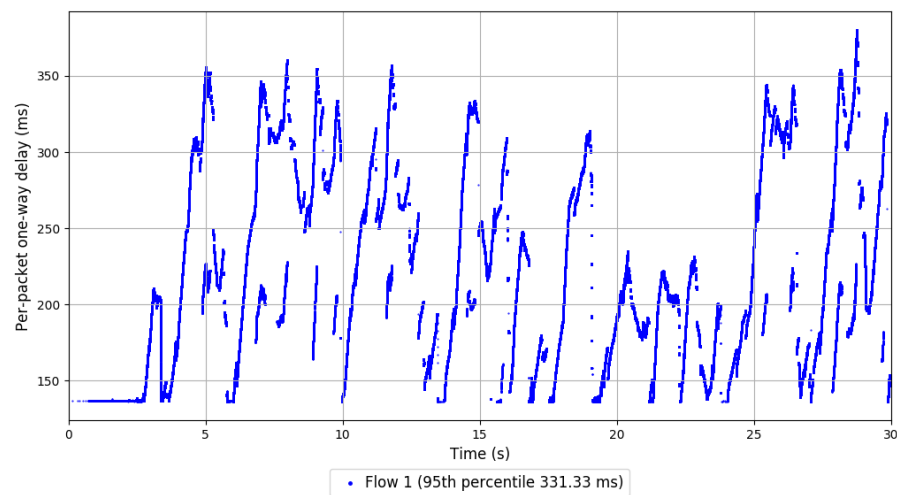
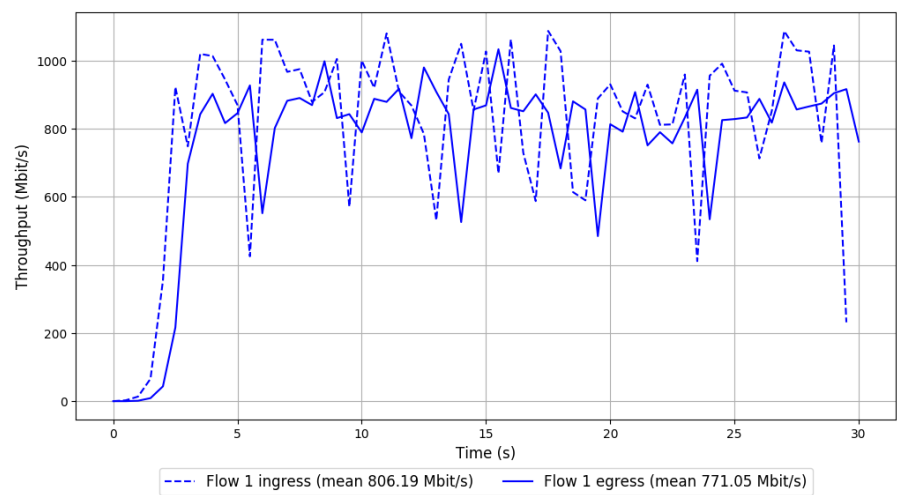
-- Flow 1:

Average throughput: 771.05 Mbit/s

95th percentile per-packet one-way delay: 331.333 ms

Loss rate: 4.32%

Run 1: Report of FillP-Sheep — Data Link

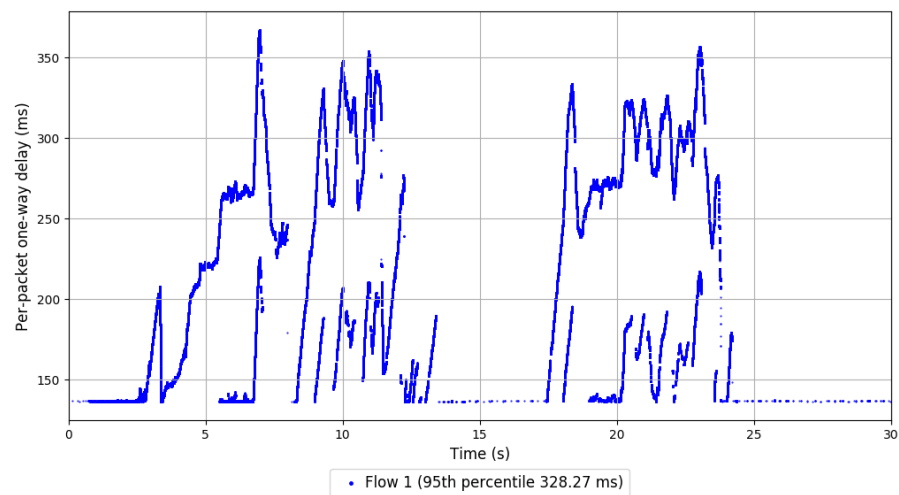
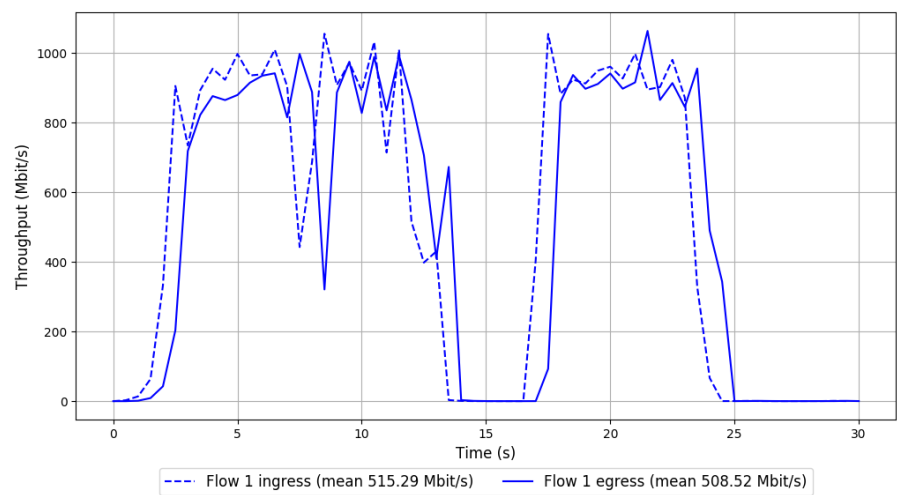


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 20:50:17
End at: 2018-07-10 20:50:47
Local clock offset: 0.075 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-07-11 01:00:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 508.52 Mbit/s
95th percentile per-packet one-way delay: 328.274 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 508.52 Mbit/s
95th percentile per-packet one-way delay: 328.274 ms
Loss rate: 1.31%

Run 2: Report of FillP-Sheep — Data Link

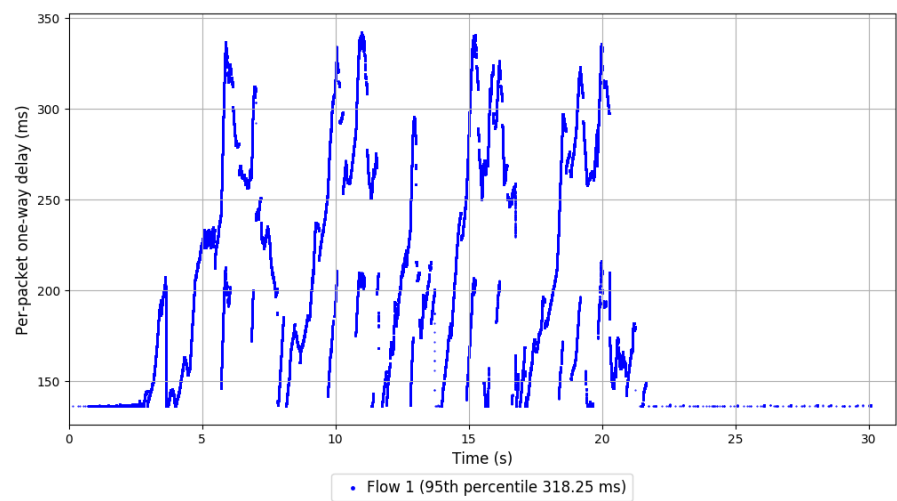
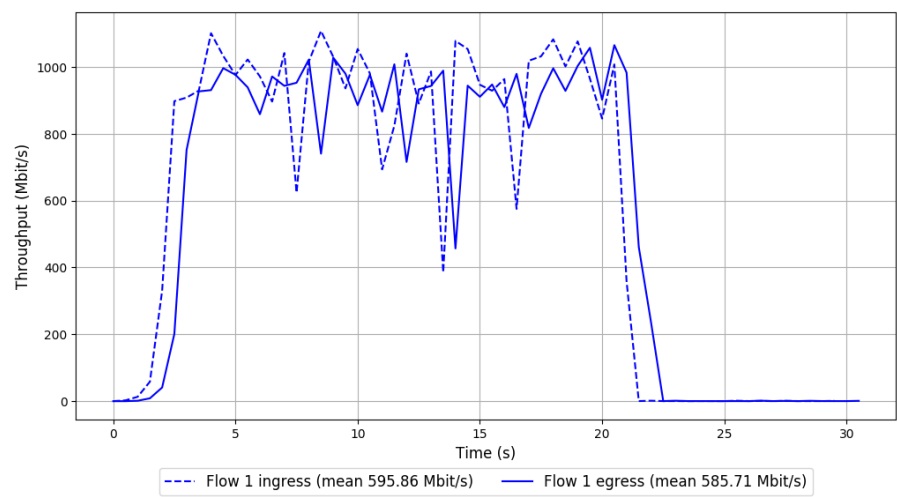


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 21:13:26
End at: 2018-07-10 21:13:56
Local clock offset: 0.183 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-11 01:00:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 585.71 Mbit/s
95th percentile per-packet one-way delay: 318.248 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 585.71 Mbit/s
95th percentile per-packet one-way delay: 318.248 ms
Loss rate: 1.70%

Run 3: Report of FillP-Sheep — Data Link

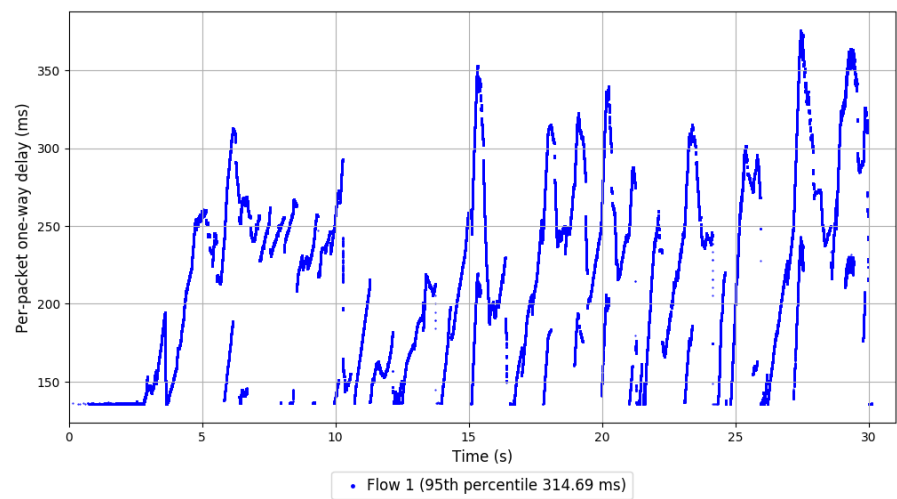
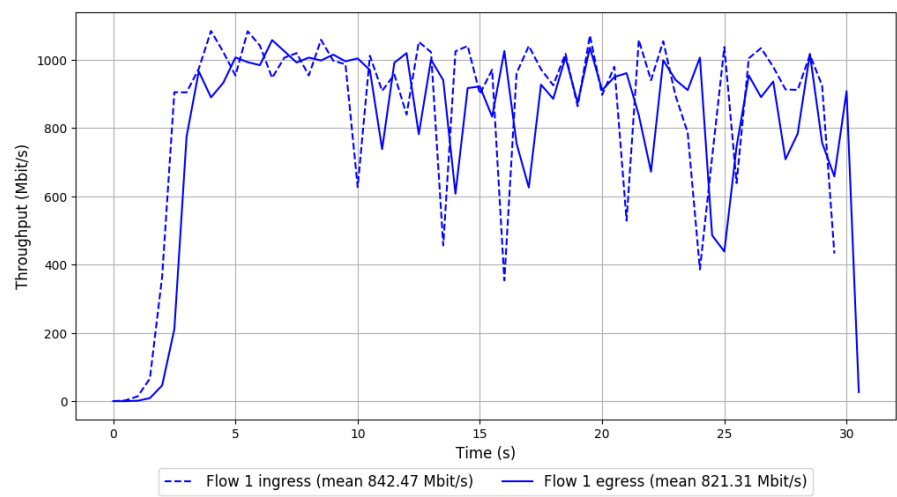


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 21:36:37
End at: 2018-07-10 21:37:07
Local clock offset: 0.039 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-07-11 01:03:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 821.31 Mbit/s
95th percentile per-packet one-way delay: 314.687 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 821.31 Mbit/s
95th percentile per-packet one-way delay: 314.687 ms
Loss rate: 2.51%

Run 4: Report of FillP-Sheep — Data Link

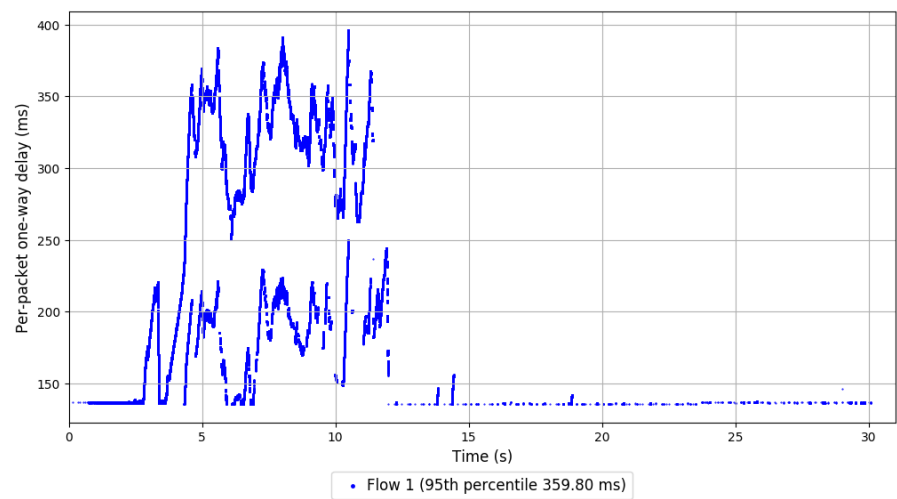
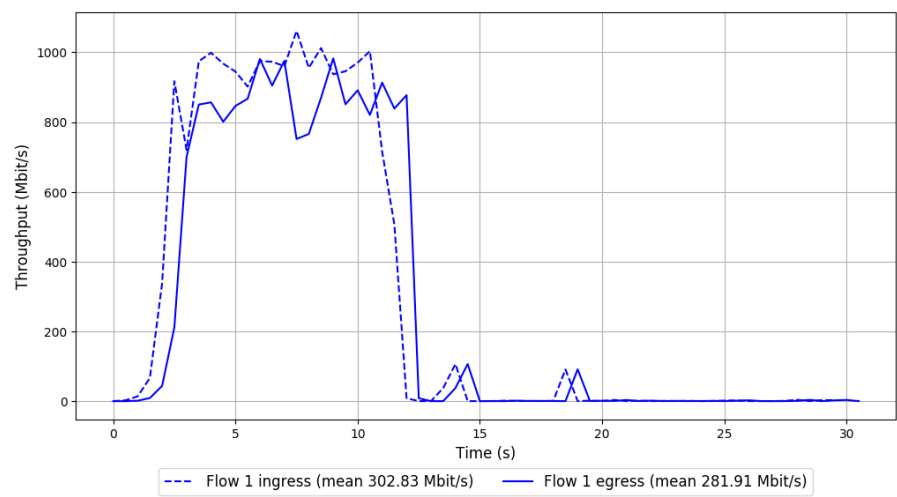


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 22:00:08
End at: 2018-07-10 22:00:38
Local clock offset: -0.059 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-11 01:03:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 281.91 Mbit/s
95th percentile per-packet one-way delay: 359.803 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 281.91 Mbit/s
95th percentile per-packet one-way delay: 359.803 ms
Loss rate: 6.91%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 22:23:03

End at: 2018-07-10 22:23:33

Local clock offset: 0.074 ms

Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-07-11 01:03:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 186.81 Mbit/s

95th percentile per-packet one-way delay: 341.381 ms

Loss rate: 5.23%

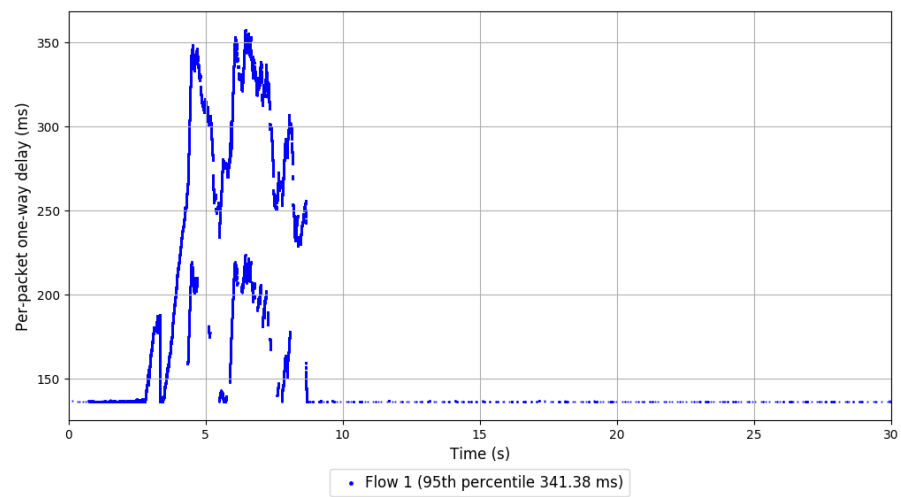
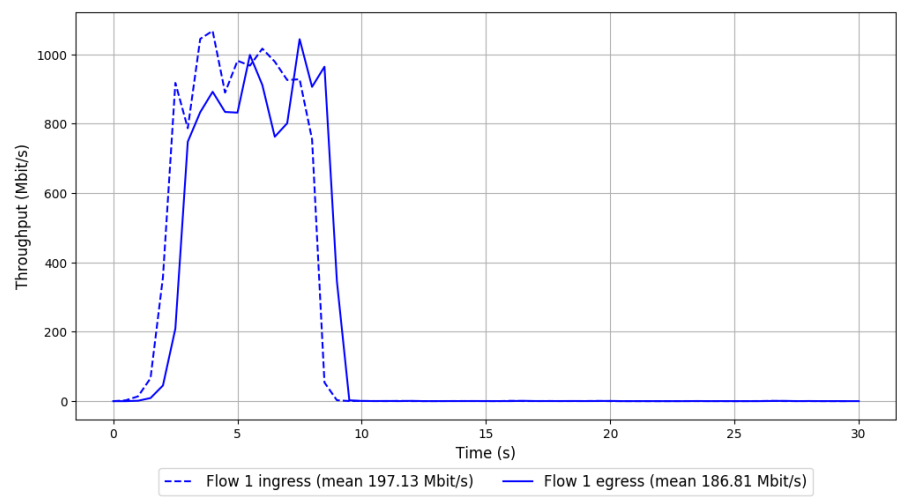
-- Flow 1:

Average throughput: 186.81 Mbit/s

95th percentile per-packet one-way delay: 341.381 ms

Loss rate: 5.23%

Run 6: Report of FillP-Sheep — Data Link

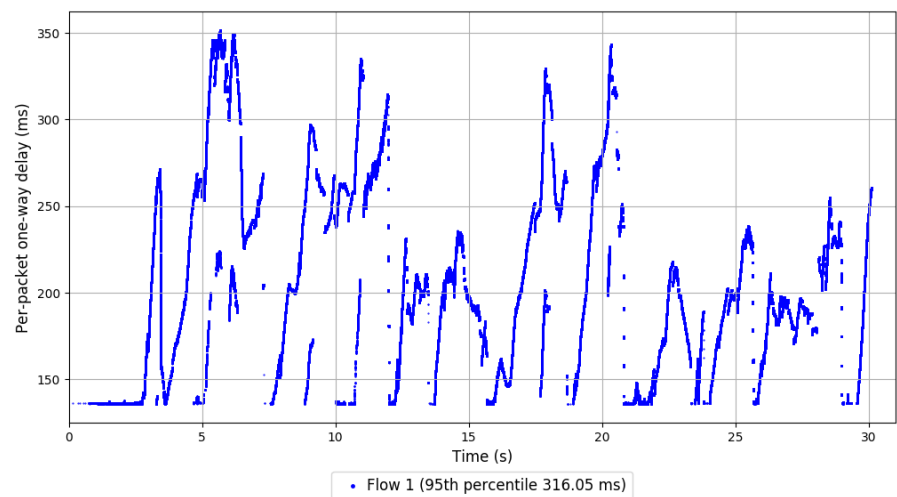
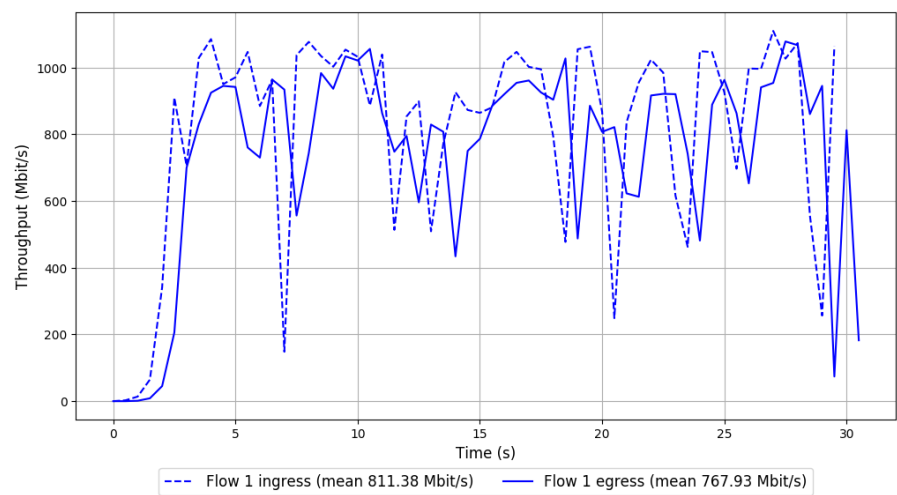


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 22:46:00
End at: 2018-07-10 22:46:30
Local clock offset: -0.048 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-07-11 01:09:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 767.93 Mbit/s
95th percentile per-packet one-way delay: 316.049 ms
Loss rate: 5.35%
-- Flow 1:
Average throughput: 767.93 Mbit/s
95th percentile per-packet one-way delay: 316.049 ms
Loss rate: 5.35%

Run 7: Report of FillP-Sheep — Data Link

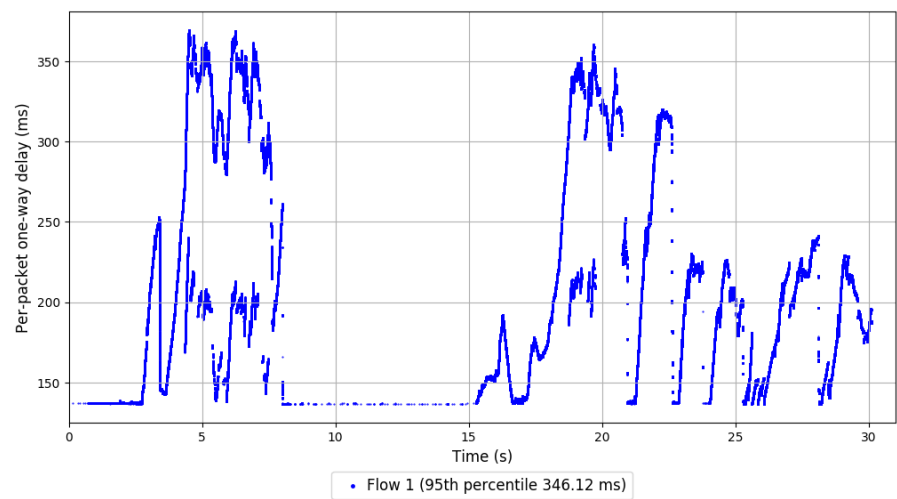
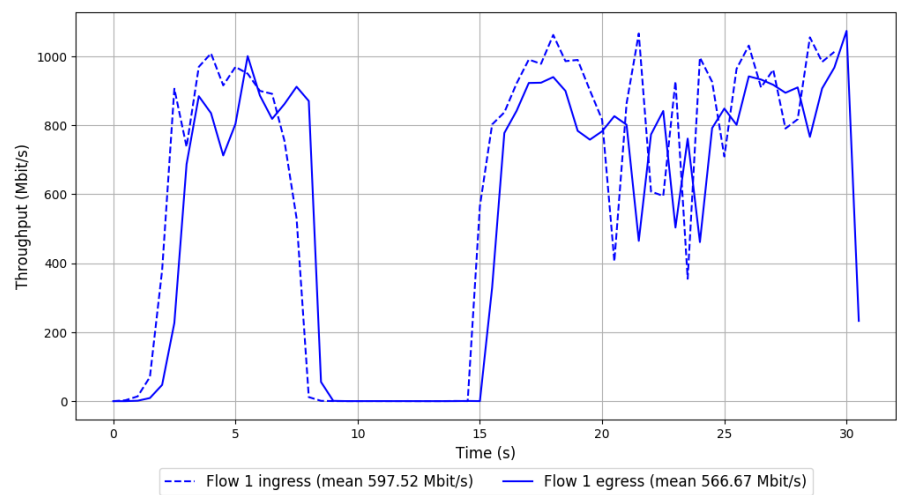


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 23:09:17
End at: 2018-07-10 23:09:47
Local clock offset: -0.184 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-11 01:09:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 566.67 Mbit/s
95th percentile per-packet one-way delay: 346.121 ms
Loss rate: 5.16%
-- Flow 1:
Average throughput: 566.67 Mbit/s
95th percentile per-packet one-way delay: 346.121 ms
Loss rate: 5.16%

Run 8: Report of FillP-Sheep — Data Link

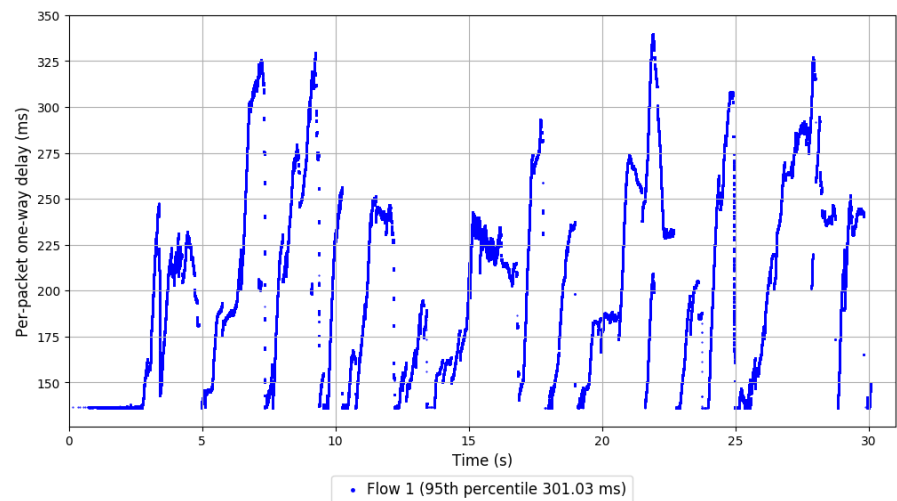
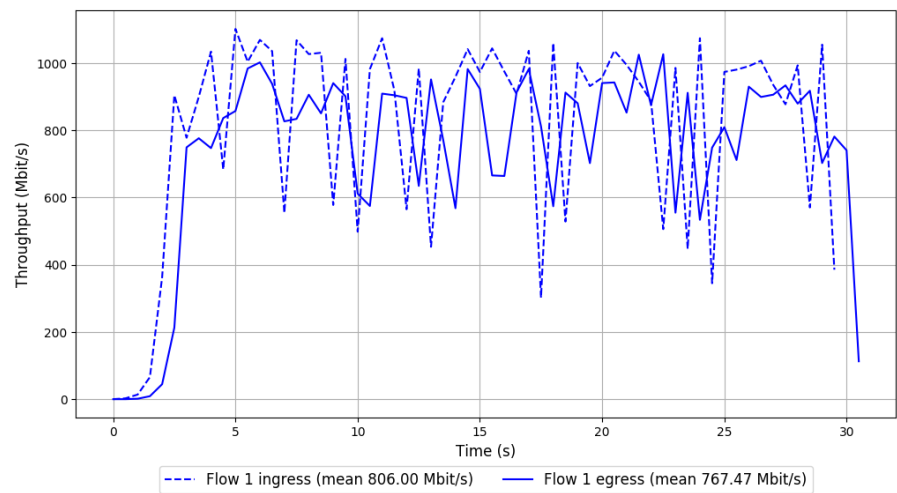


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 23:32:25
End at: 2018-07-10 23:32:55
Local clock offset: 0.038 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 767.47 Mbit/s
95th percentile per-packet one-way delay: 301.034 ms
Loss rate: 4.78%
-- Flow 1:
Average throughput: 767.47 Mbit/s
95th percentile per-packet one-way delay: 301.034 ms
Loss rate: 4.78%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 23:55:38

End at: 2018-07-10 23:56:08

Local clock offset: -0.047 ms

Remote clock offset: 0.23 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.95 Mbit/s

95th percentile per-packet one-way delay: 327.032 ms

Loss rate: 4.16%

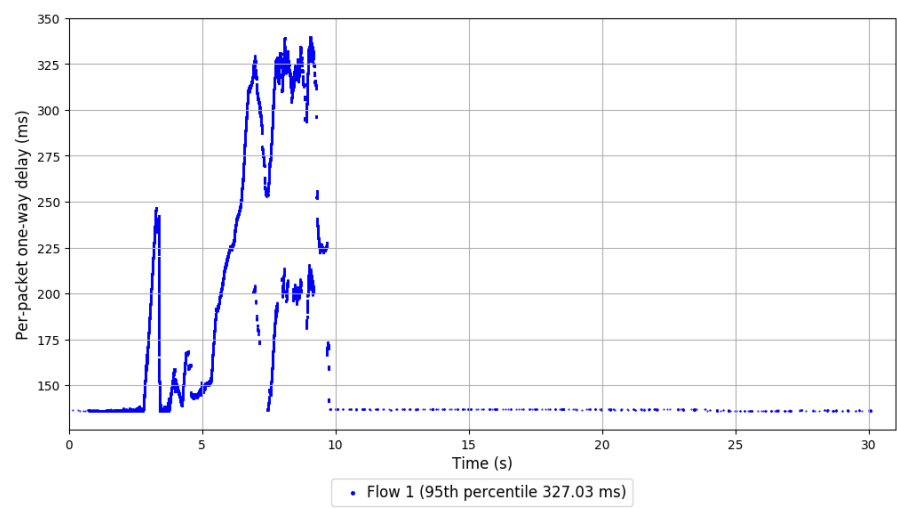
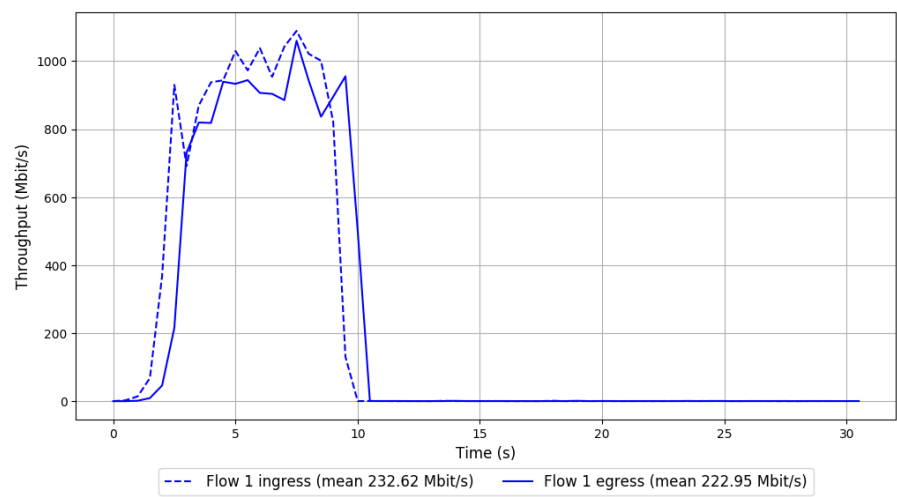
-- Flow 1:

Average throughput: 222.95 Mbit/s

95th percentile per-packet one-way delay: 327.032 ms

Loss rate: 4.16%

Run 10: Report of FillP-Sheep — Data Link

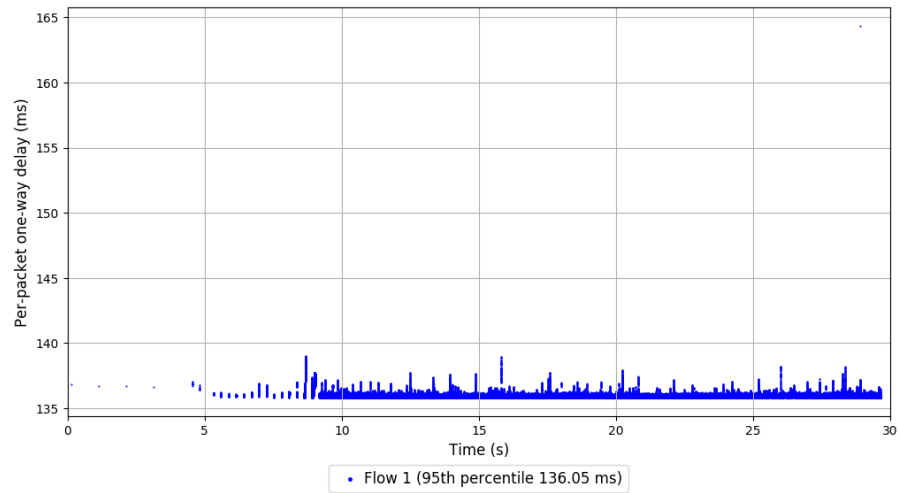
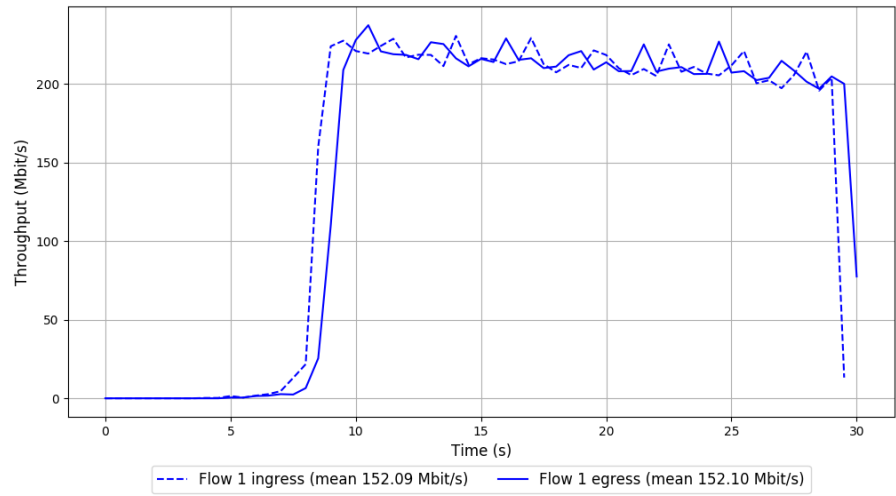


Run 1: Statistics of Indigo

Start at: 2018-07-10 20:25:36
End at: 2018-07-10 20:26:06
Local clock offset: -0.225 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 152.10 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.10 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-07-10 20:48:56

End at: 2018-07-10 20:49:26

Local clock offset: -0.11 ms

Remote clock offset: 0.317 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 174.62 Mbit/s

95th percentile per-packet one-way delay: 137.000 ms

Loss rate: 0.00%

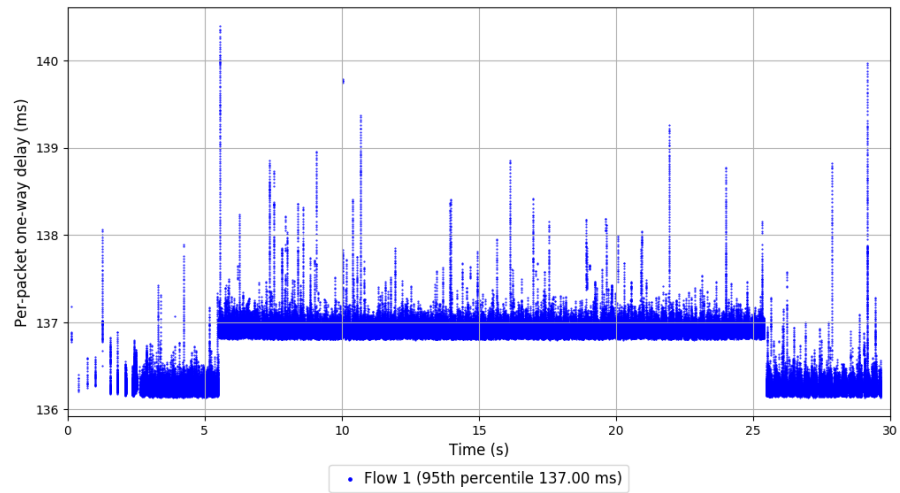
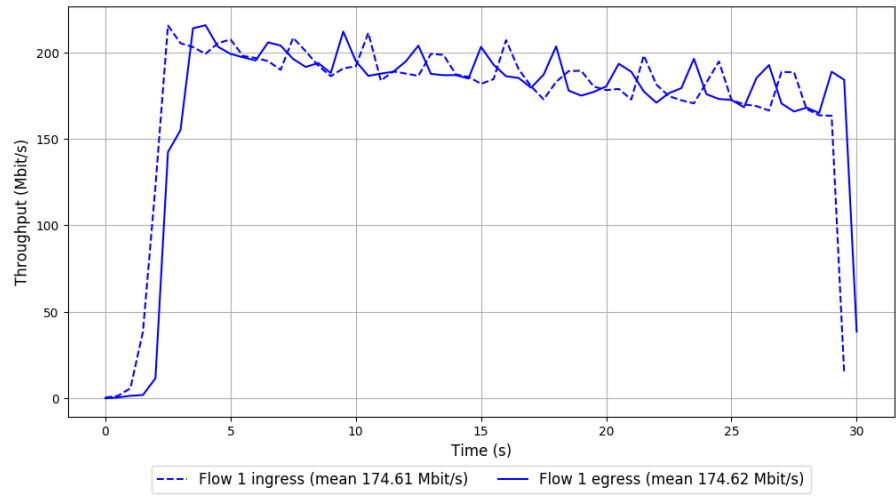
-- Flow 1:

Average throughput: 174.62 Mbit/s

95th percentile per-packet one-way delay: 137.000 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

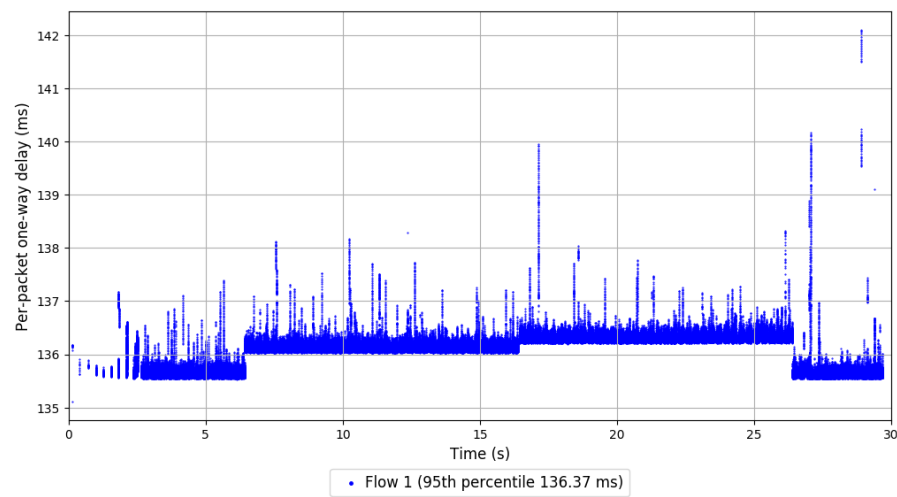
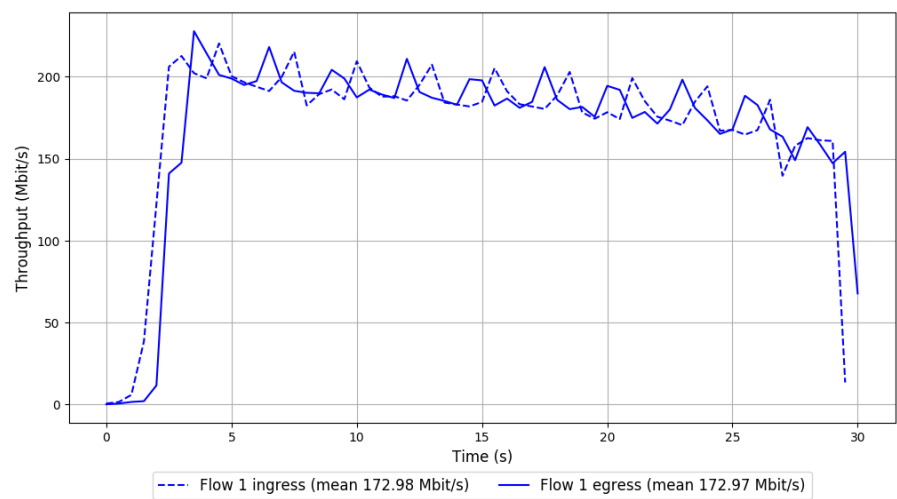


Run 3: Statistics of Indigo

Start at: 2018-07-10 21:12:05
End at: 2018-07-10 21:12:35
Local clock offset: 0.091 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 172.97 Mbit/s
95th percentile per-packet one-way delay: 136.369 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.97 Mbit/s
95th percentile per-packet one-way delay: 136.369 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-10 21:35:16

End at: 2018-07-10 21:35:46

Local clock offset: -0.018 ms

Remote clock offset: 0.277 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 177.73 Mbit/s

95th percentile per-packet one-way delay: 136.379 ms

Loss rate: 0.00%

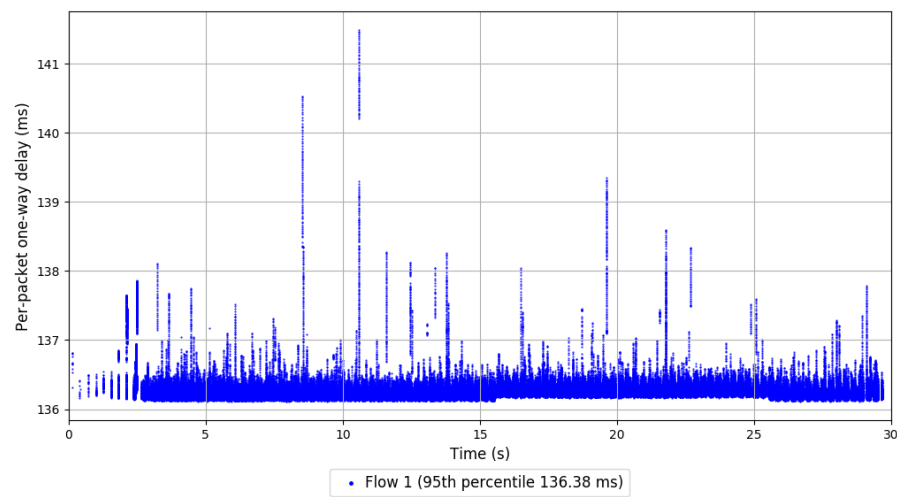
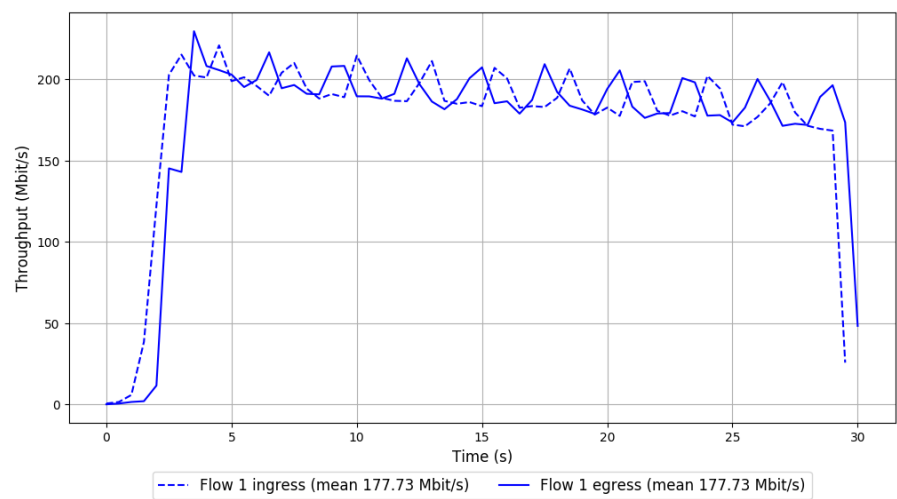
-- Flow 1:

Average throughput: 177.73 Mbit/s

95th percentile per-packet one-way delay: 136.379 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

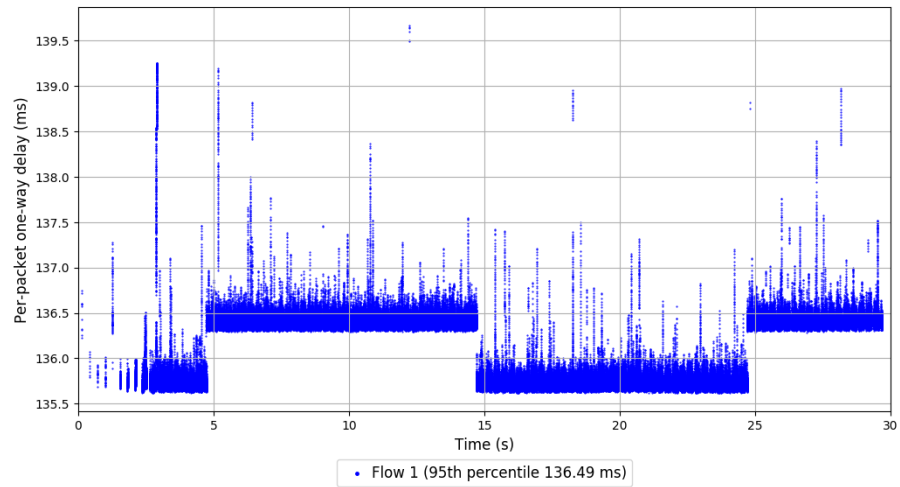
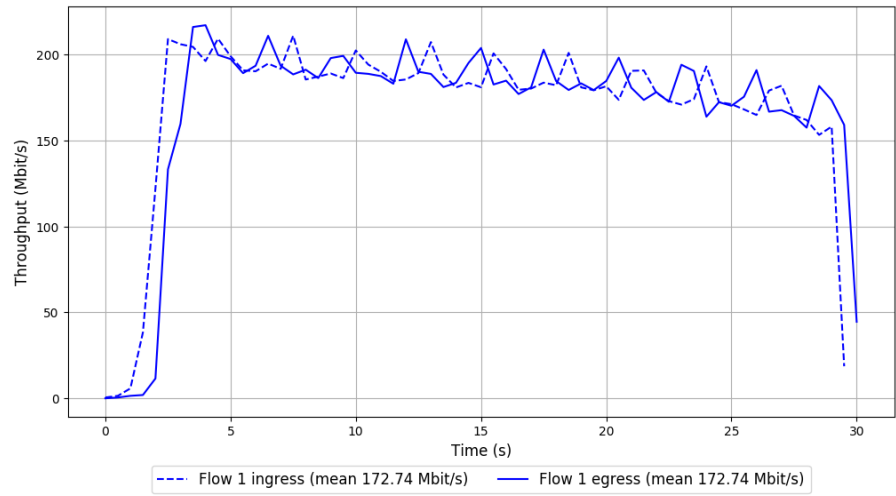


Run 5: Statistics of Indigo

Start at: 2018-07-10 21:58:47
End at: 2018-07-10 21:59:17
Local clock offset: 0.028 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 172.74 Mbit/s
95th percentile per-packet one-way delay: 136.485 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.74 Mbit/s
95th percentile per-packet one-way delay: 136.485 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

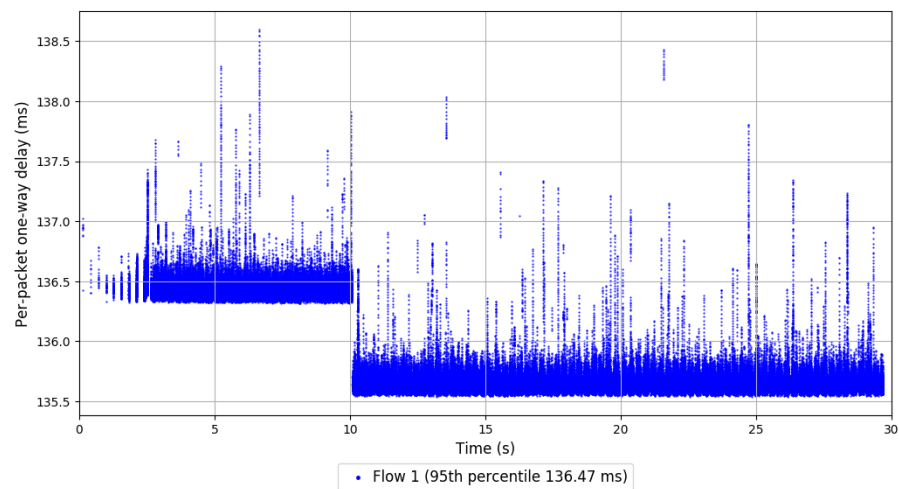
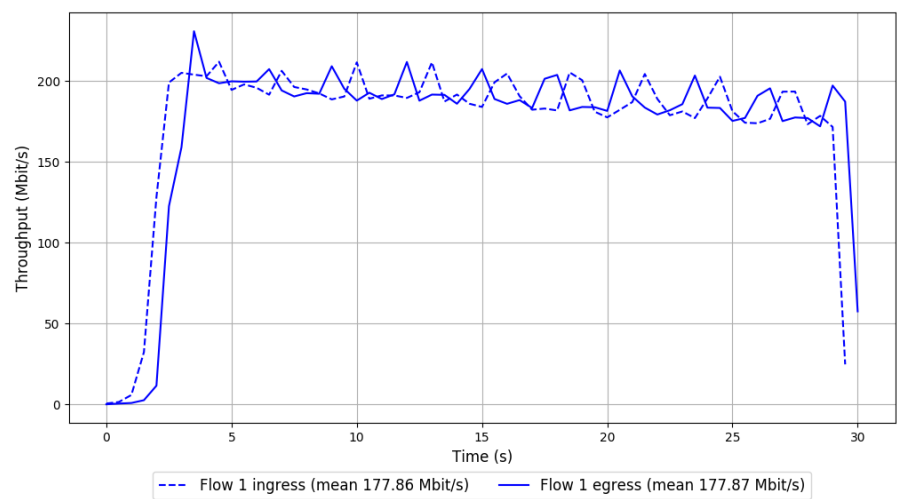


Run 6: Statistics of Indigo

Start at: 2018-07-10 22:21:41
End at: 2018-07-10 22:22:11
Local clock offset: -0.275 ms
Remote clock offset: -0.442 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 177.87 Mbit/s
95th percentile per-packet one-way delay: 136.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.87 Mbit/s
95th percentile per-packet one-way delay: 136.475 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

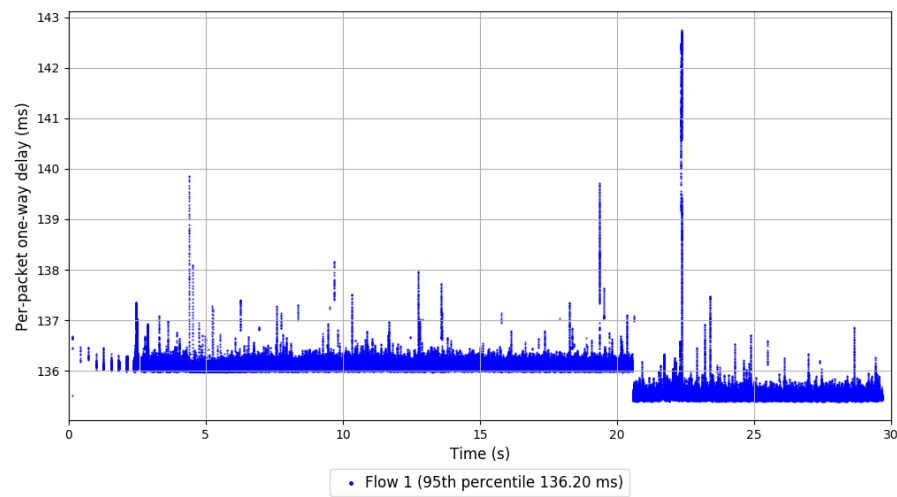
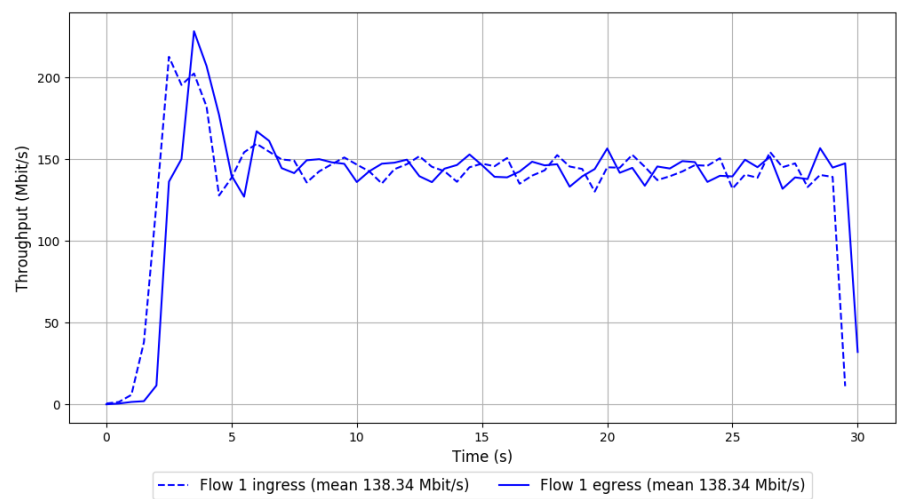


Run 7: Statistics of Indigo

Start at: 2018-07-10 22:44:41
End at: 2018-07-10 22:45:11
Local clock offset: -0.147 ms
Remote clock offset: -0.479 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 138.34 Mbit/s
95th percentile per-packet one-way delay: 136.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 138.34 Mbit/s
95th percentile per-packet one-way delay: 136.198 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-07-10 23:07:55

End at: 2018-07-10 23:08:25

Local clock offset: -0.04 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 174.18 Mbit/s

95th percentile per-packet one-way delay: 136.531 ms

Loss rate: 0.00%

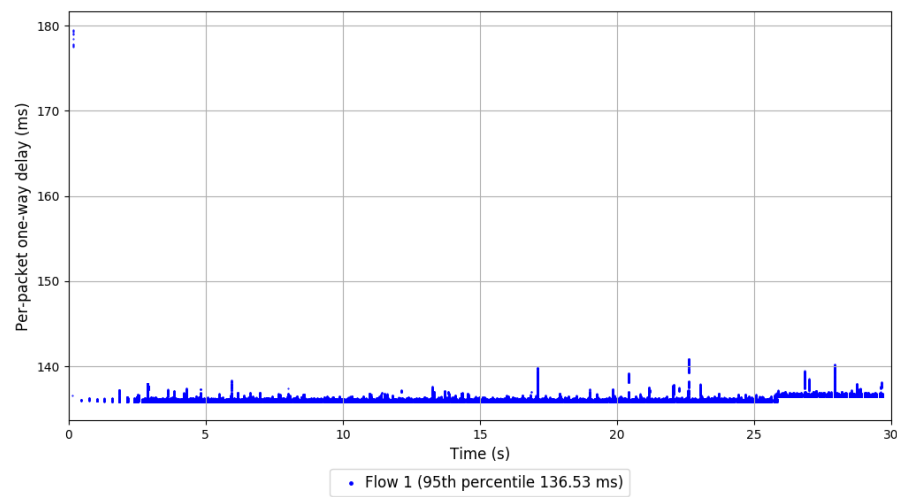
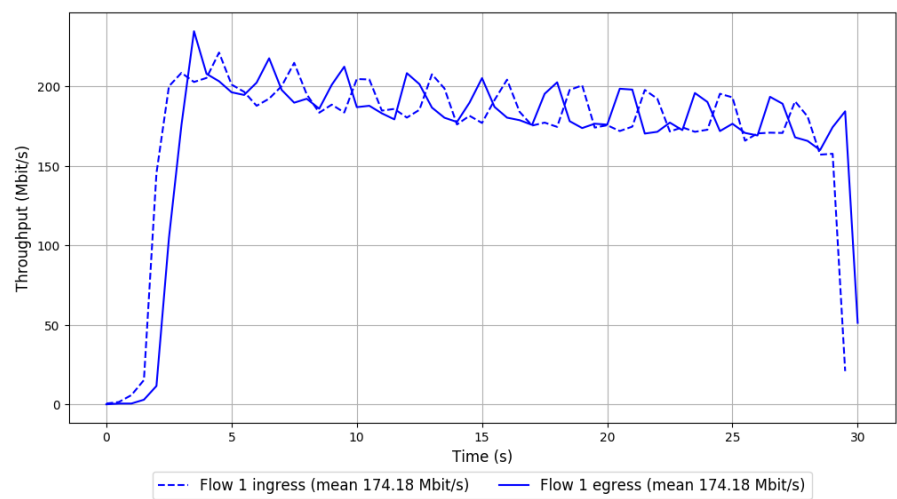
-- Flow 1:

Average throughput: 174.18 Mbit/s

95th percentile per-packet one-way delay: 136.531 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

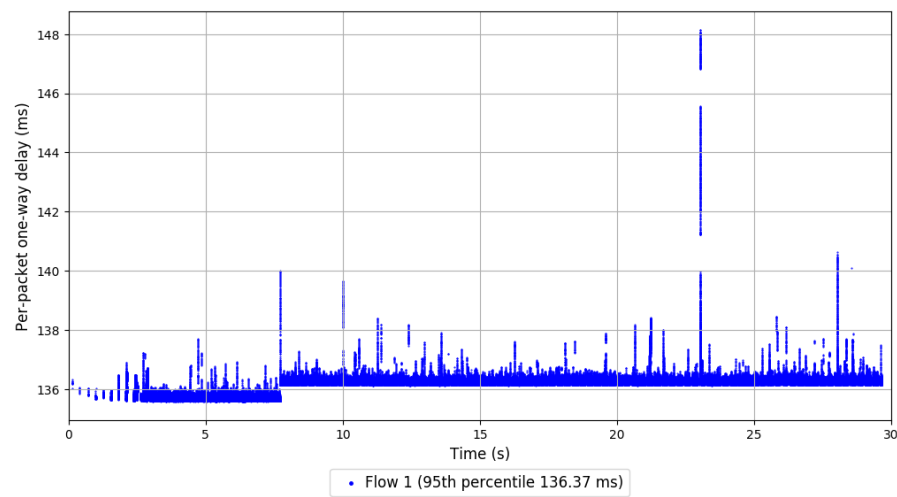
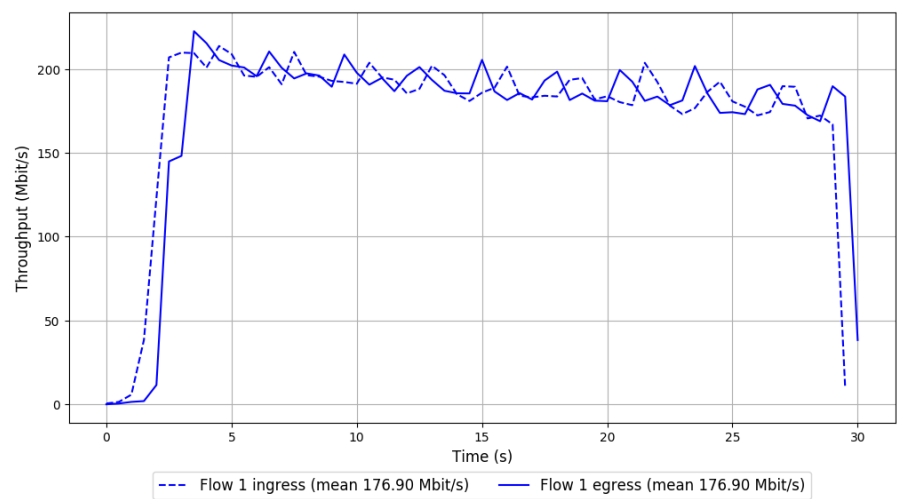


Run 9: Statistics of Indigo

Start at: 2018-07-10 23:31:04
End at: 2018-07-10 23:31:34
Local clock offset: 0.066 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 176.90 Mbit/s
95th percentile per-packet one-way delay: 136.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.90 Mbit/s
95th percentile per-packet one-way delay: 136.371 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-10 23:54:16

End at: 2018-07-10 23:54:46

Local clock offset: 0.052 ms

Remote clock offset: -0.431 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.24 Mbit/s

95th percentile per-packet one-way delay: 136.043 ms

Loss rate: 0.00%

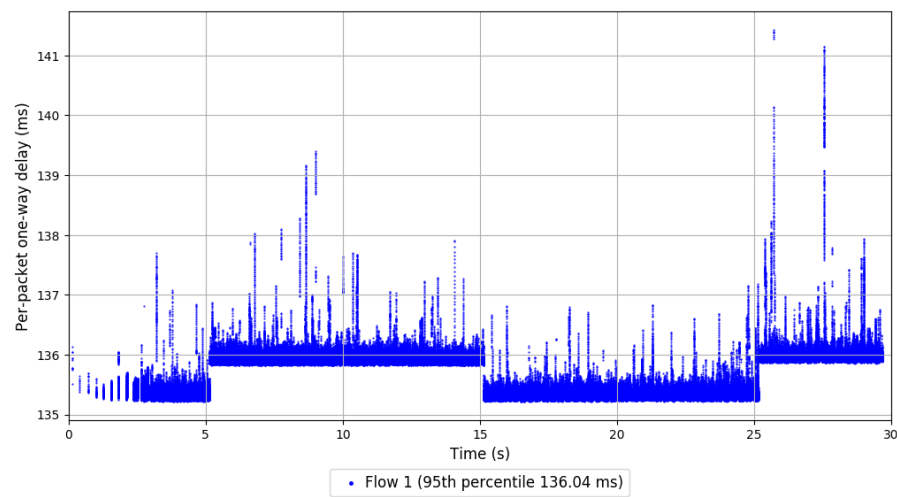
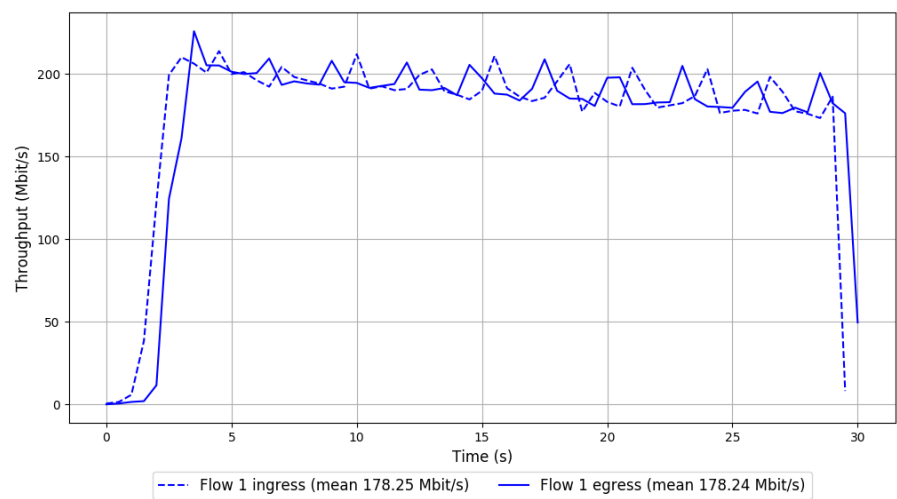
-- Flow 1:

Average throughput: 178.24 Mbit/s

95th percentile per-packet one-way delay: 136.043 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

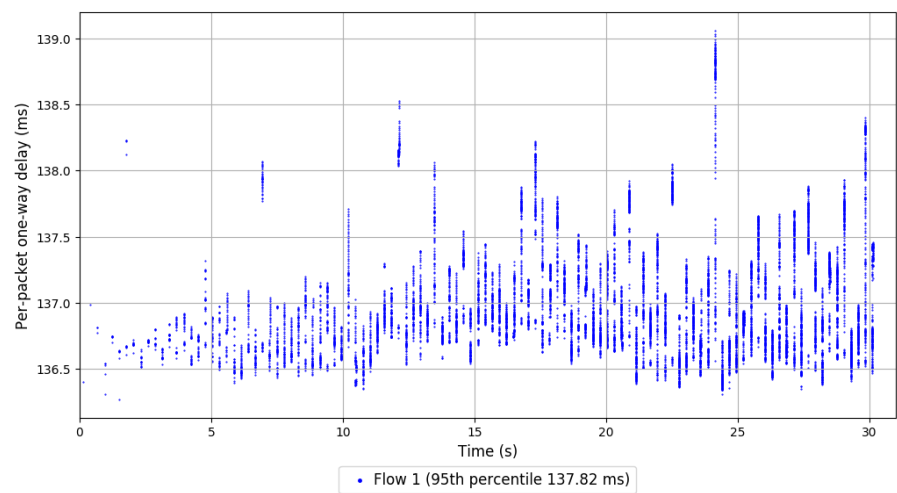
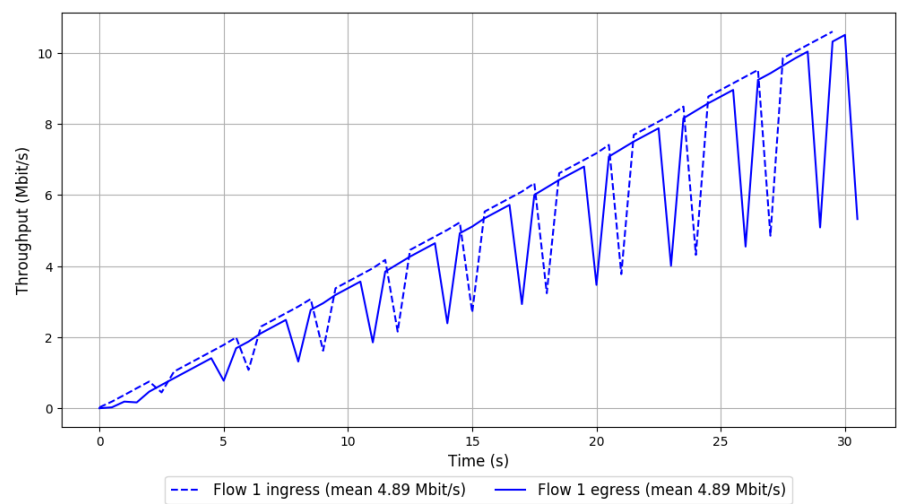


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-10 20:31:01
End at: 2018-07-10 20:31:31
Local clock offset: -0.311 ms
Remote clock offset: 0.298 ms

# Below is generated by plot.py at 2018-07-11 01:13:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 137.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 137.823 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-07-10 20:54:09

End at: 2018-07-10 20:54:39

Local clock offset: -0.091 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 137.082 ms

Loss rate: 0.00%

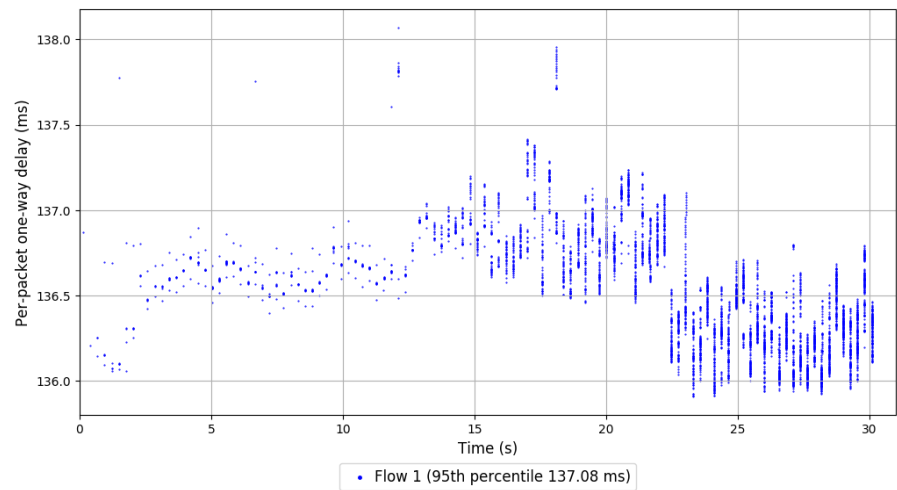
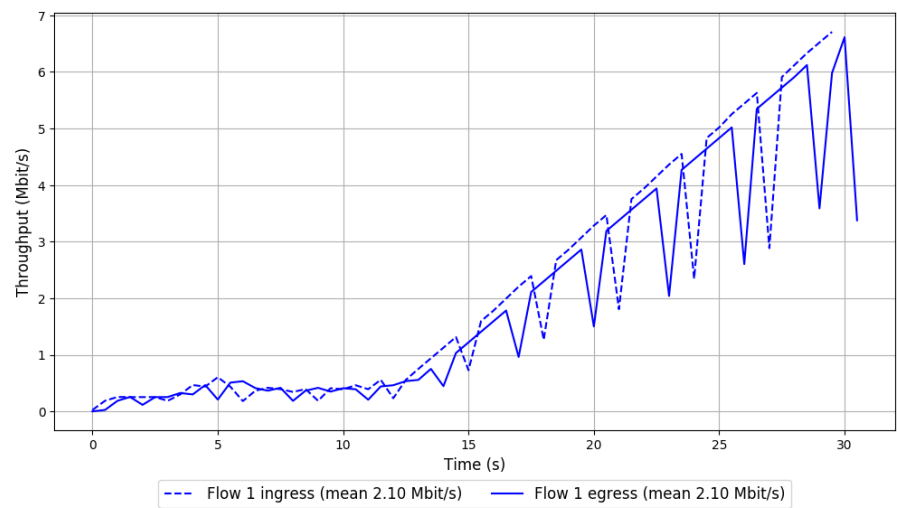
-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 137.082 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

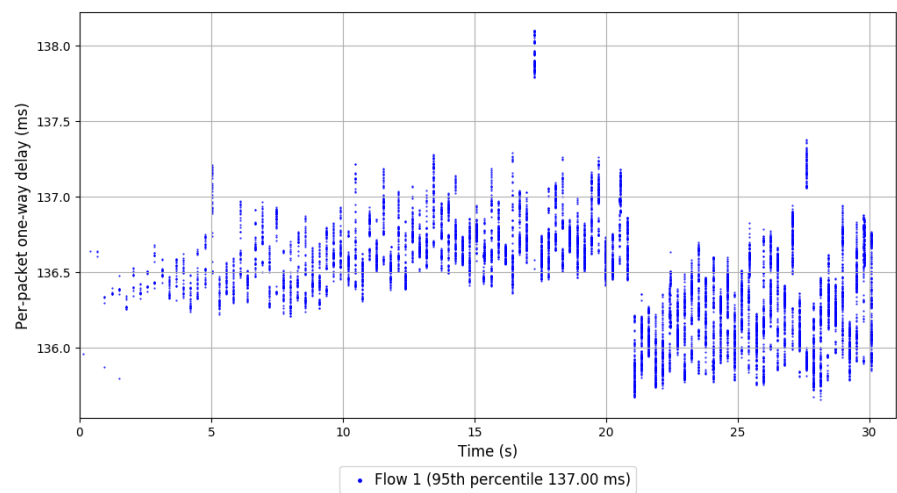
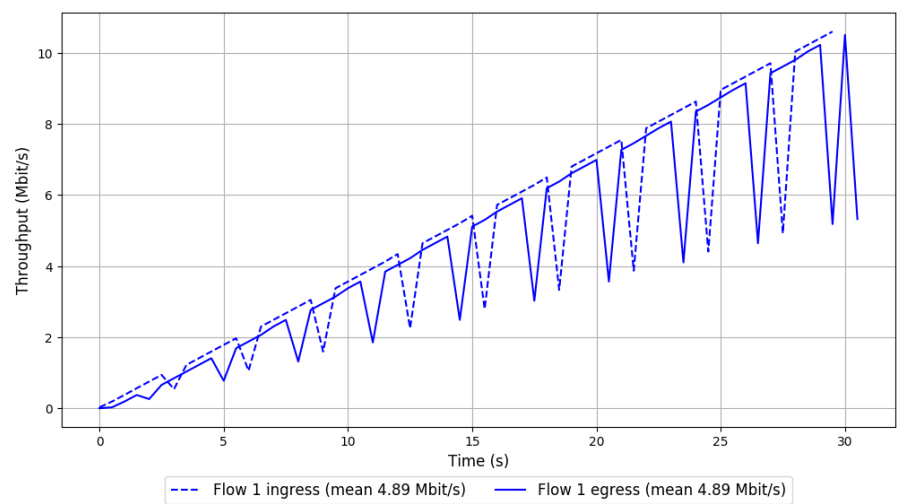


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 21:17:21
End at: 2018-07-10 21:17:51
Local clock offset: -0.035 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 137.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 137.004 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

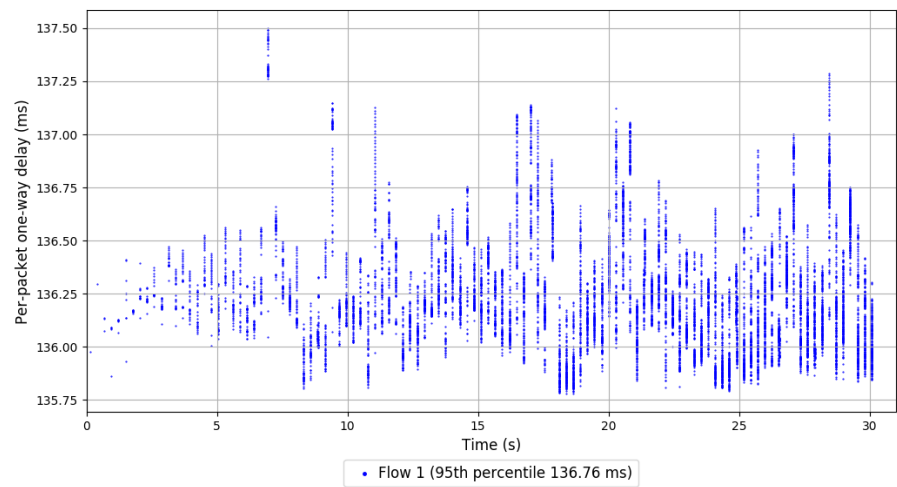
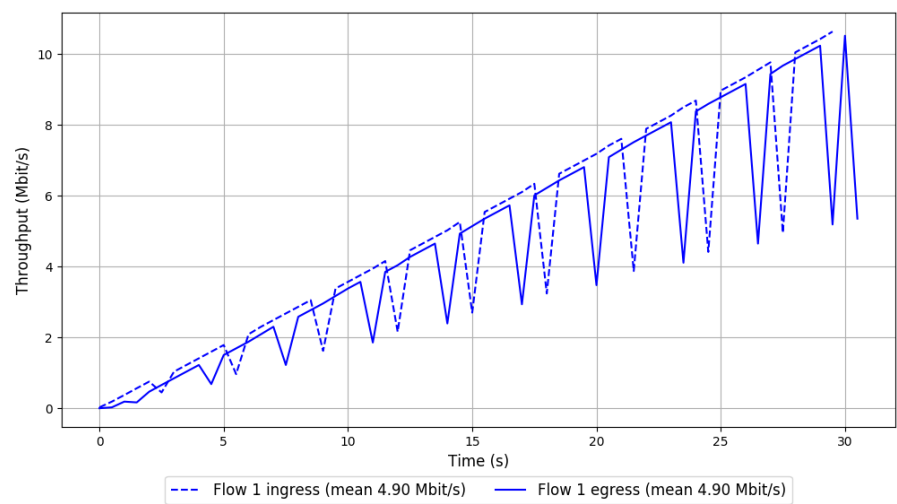


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 21:40:47
End at: 2018-07-10 21:41:17
Local clock offset: -0.01 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.760 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-07-10 22:03:50

End at: 2018-07-10 22:04:20

Local clock offset: 0.008 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2018-07-11 01:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 137.653 ms

Loss rate: 0.00%

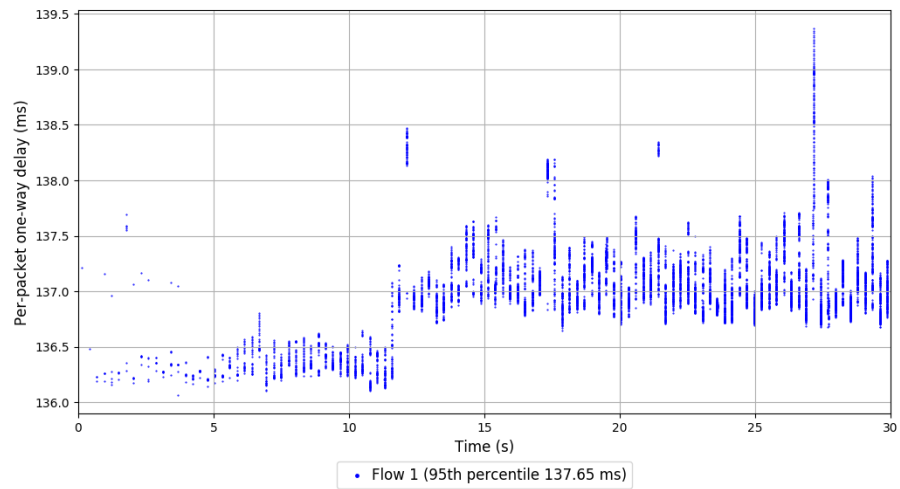
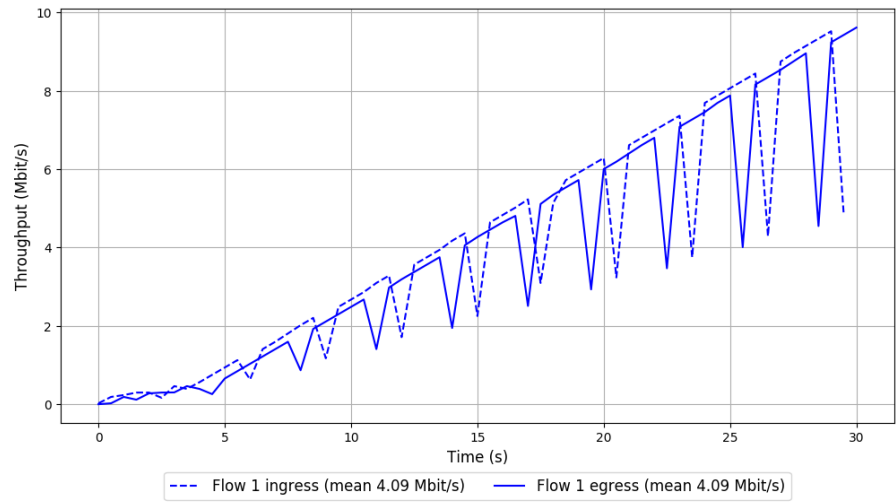
-- Flow 1:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 137.653 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

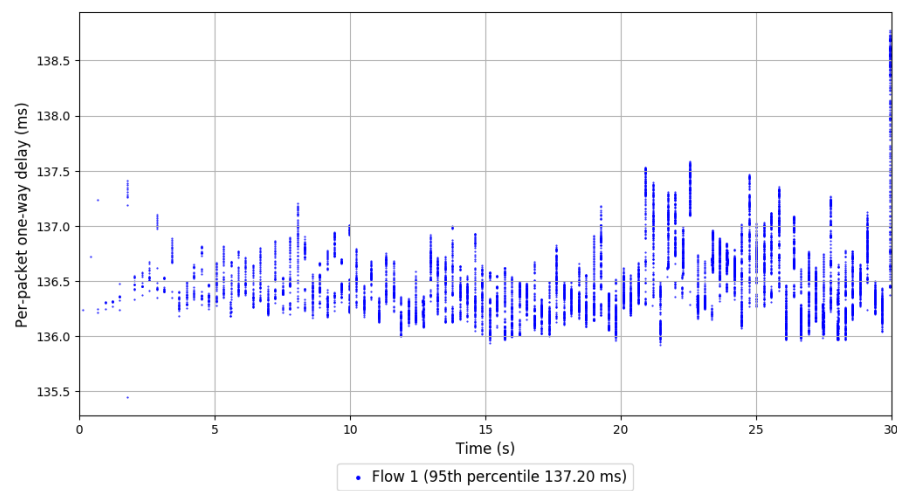
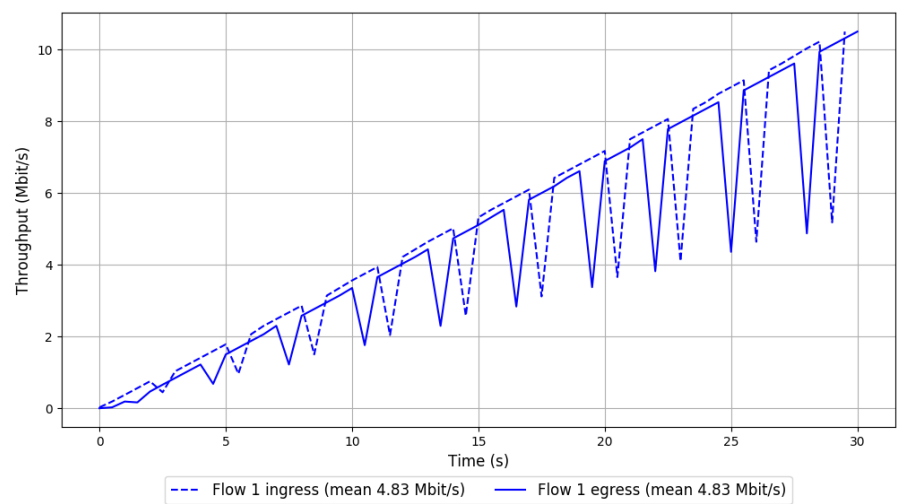


Run 6: Statistics of LEDBAT

Start at: 2018-07-10 22:26:40
End at: 2018-07-10 22:27:10
Local clock offset: 0.006 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.200 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

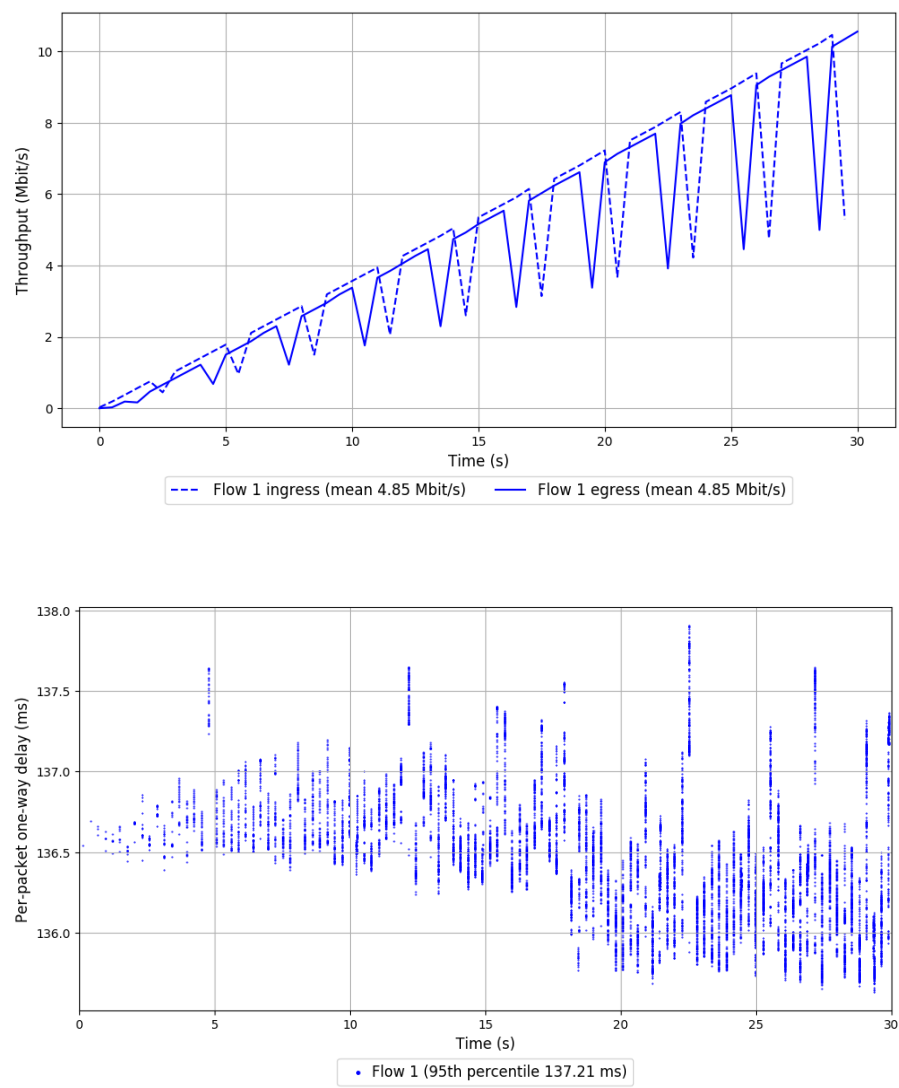


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 22:50:04
End at: 2018-07-10 22:50:34
Local clock offset: 0.094 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 137.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 137.212 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

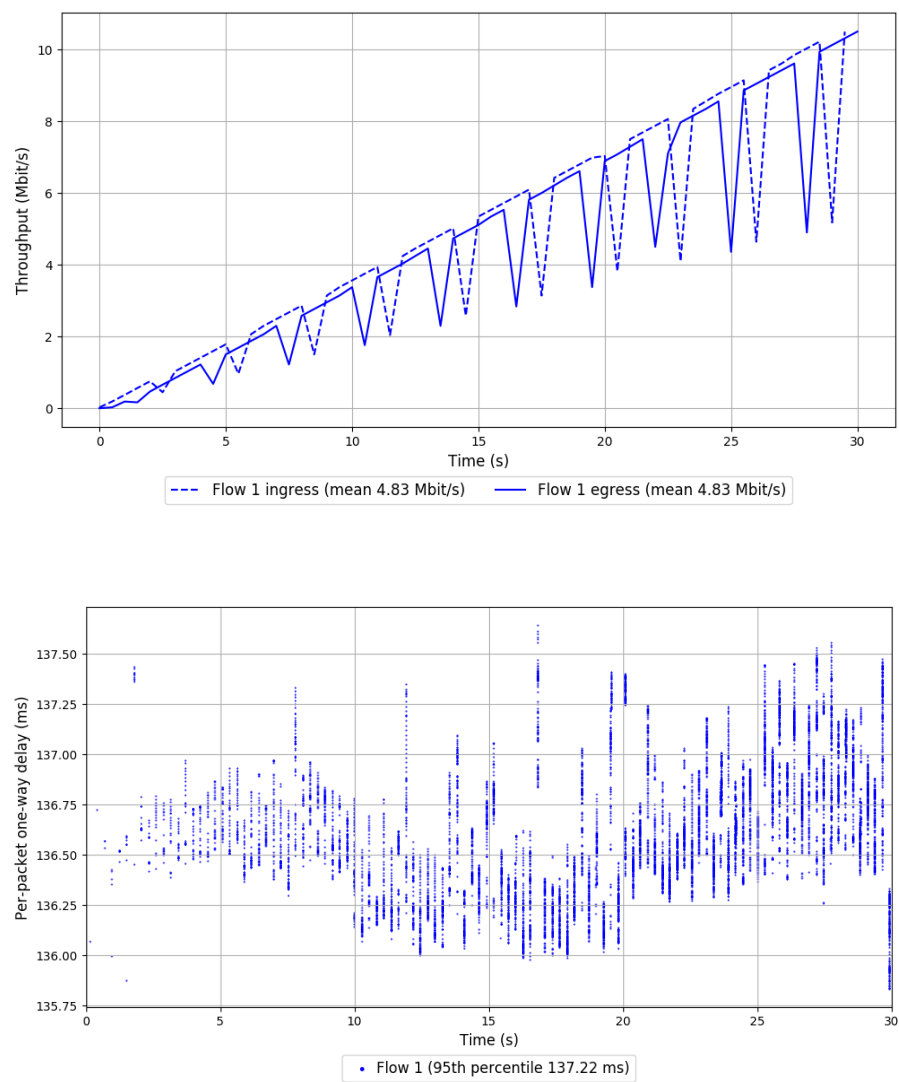


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 23:13:12
End at: 2018-07-10 23:13:42
Local clock offset: 0.173 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.218 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

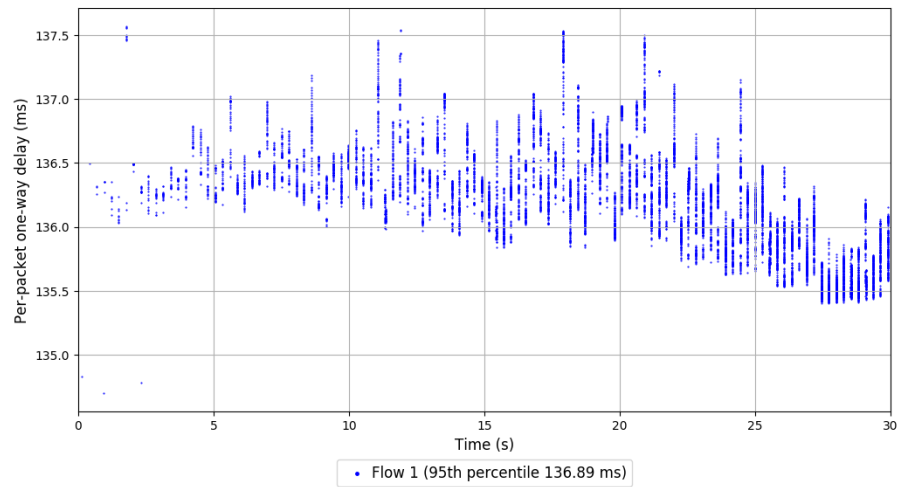
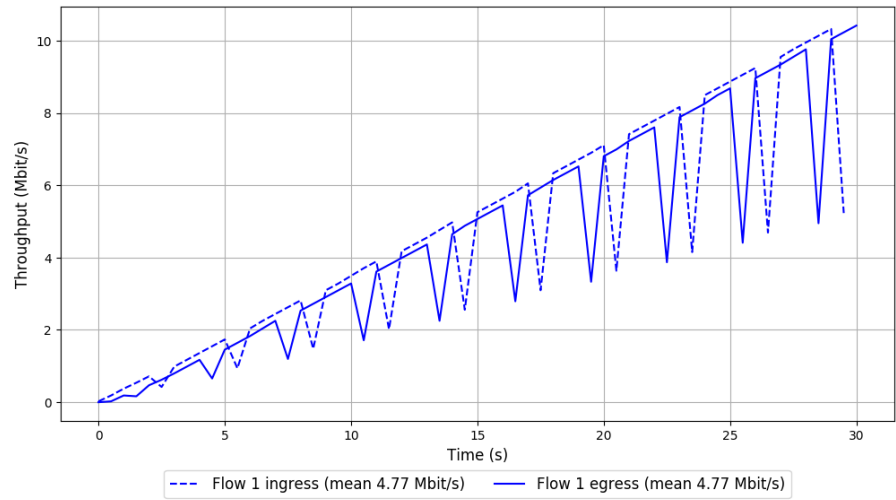


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 23:36:30
End at: 2018-07-10 23:37:00
Local clock offset: -0.064 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-07-11 01:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 136.886 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 136.886 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

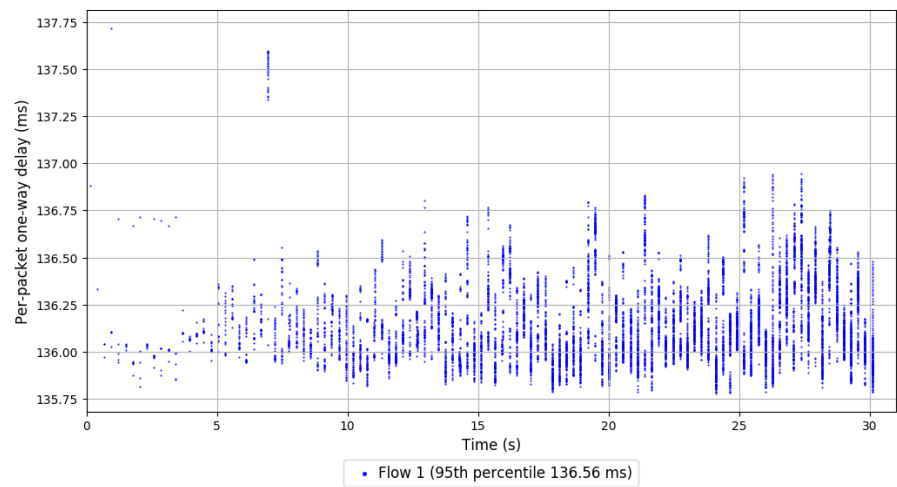
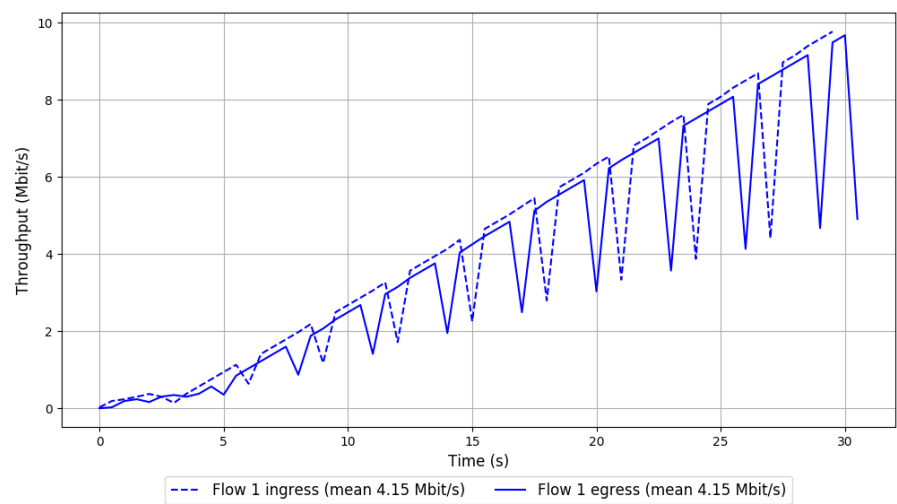


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 23:59:17
End at: 2018-07-10 23:59:47
Local clock offset: -0.115 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 01:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 136.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 136.562 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

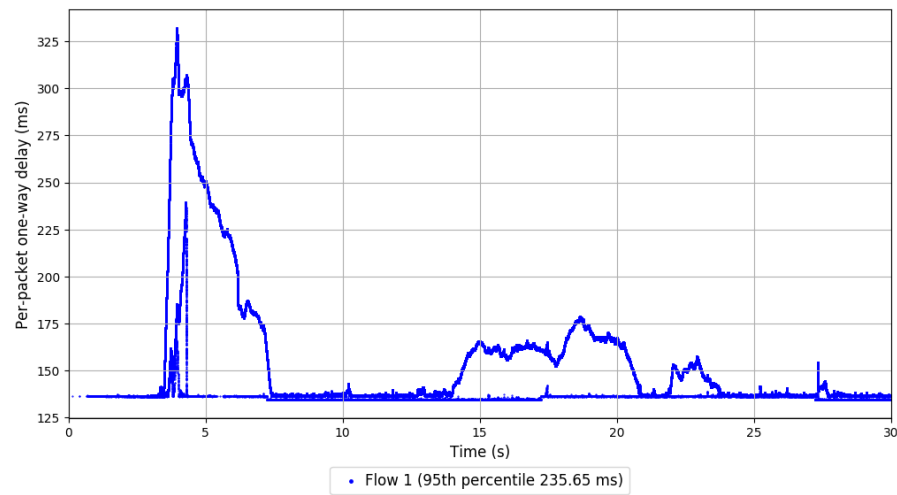
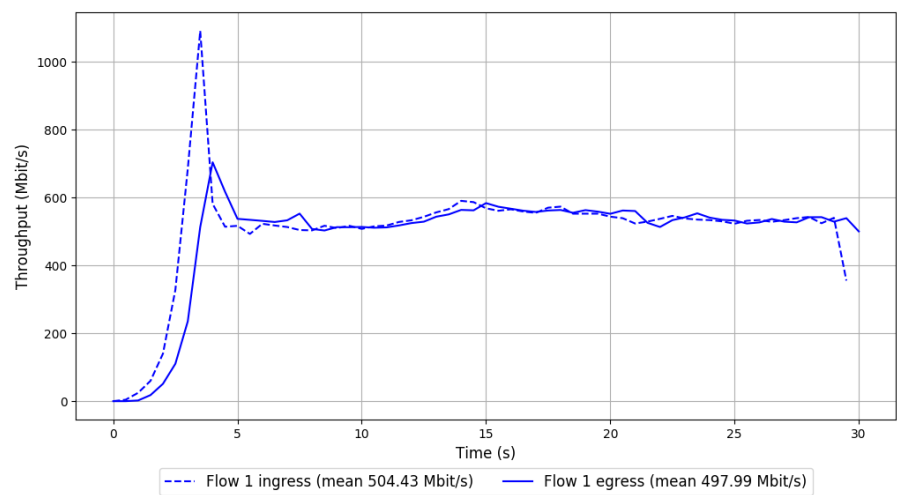


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 20:22:54
End at: 2018-07-10 20:23:24
Local clock offset: -0.012 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2018-07-11 01:14:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 497.99 Mbit/s
95th percentile per-packet one-way delay: 235.649 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 497.99 Mbit/s
95th percentile per-packet one-way delay: 235.649 ms
Loss rate: 1.28%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 20:46:14

End at: 2018-07-10 20:46:44

Local clock offset: -0.112 ms

Remote clock offset: 0.269 ms

Below is generated by plot.py at 2018-07-11 01:15:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 504.70 Mbit/s

95th percentile per-packet one-way delay: 228.222 ms

Loss rate: 1.55%

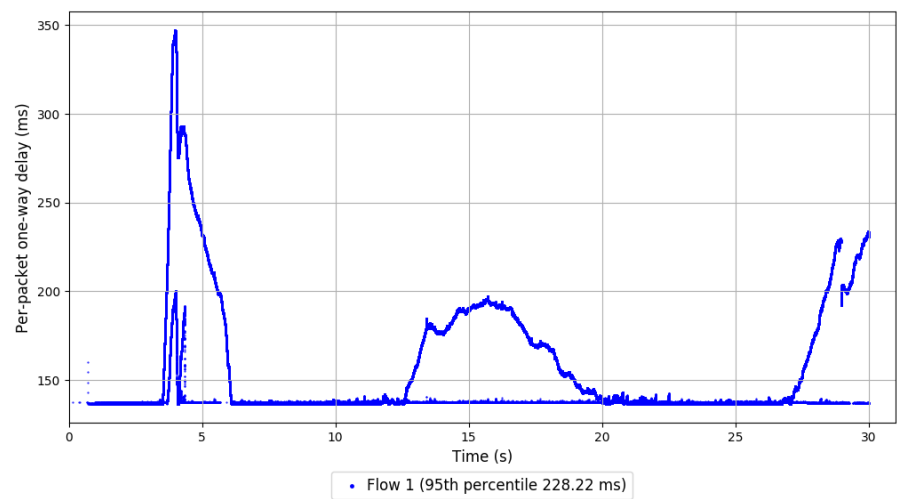
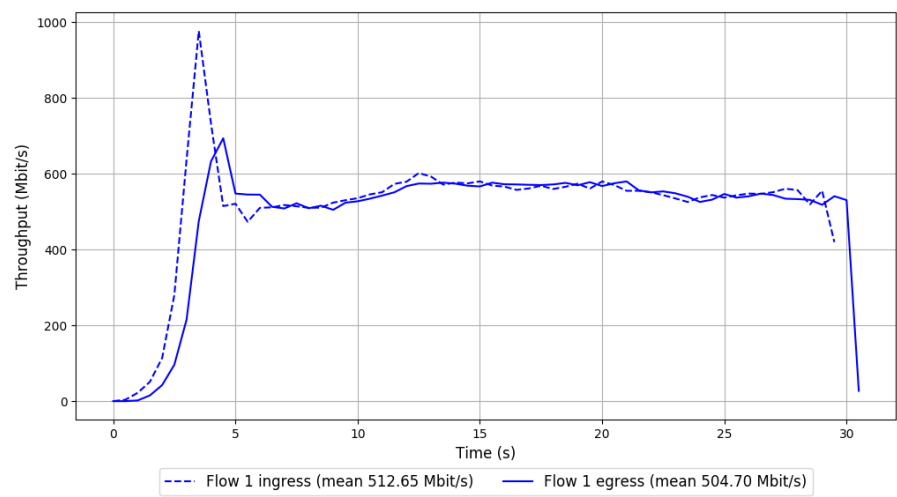
-- Flow 1:

Average throughput: 504.70 Mbit/s

95th percentile per-packet one-way delay: 228.222 ms

Loss rate: 1.55%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 21:09:23

End at: 2018-07-10 21:09:53

Local clock offset: -0.021 ms

Remote clock offset: 0.283 ms

Below is generated by plot.py at 2018-07-11 01:15:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 501.71 Mbit/s

95th percentile per-packet one-way delay: 206.722 ms

Loss rate: 1.24%

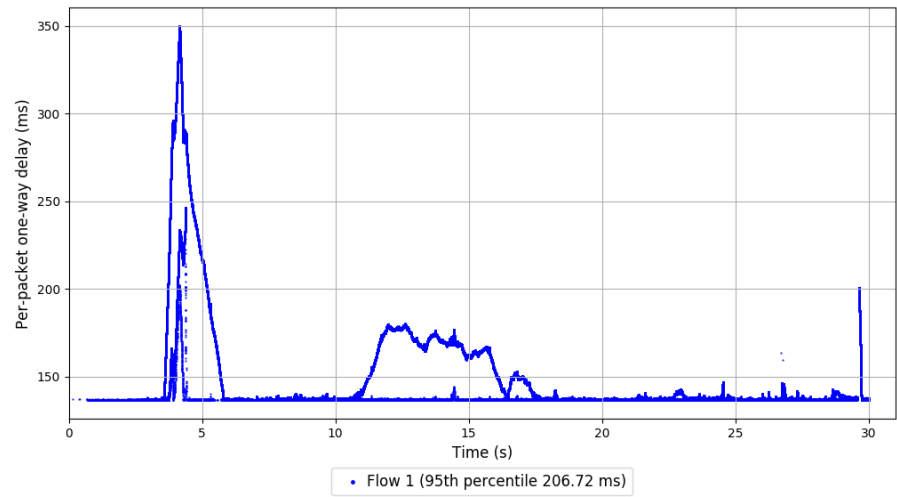
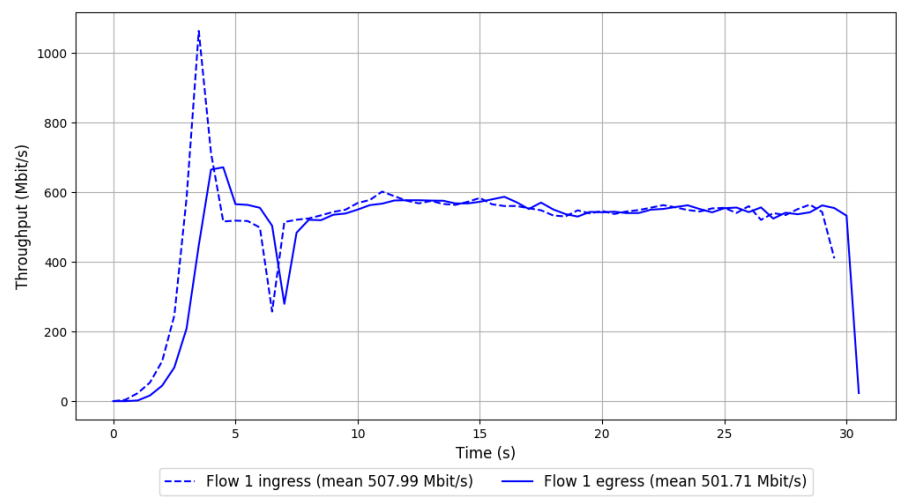
-- Flow 1:

Average throughput: 501.71 Mbit/s

95th percentile per-packet one-way delay: 206.722 ms

Loss rate: 1.24%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 21:32:34

End at: 2018-07-10 21:33:04

Local clock offset: 0.012 ms

Remote clock offset: -0.458 ms

Below is generated by plot.py at 2018-07-11 01:15:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 493.00 Mbit/s

95th percentile per-packet one-way delay: 203.116 ms

Loss rate: 1.33%

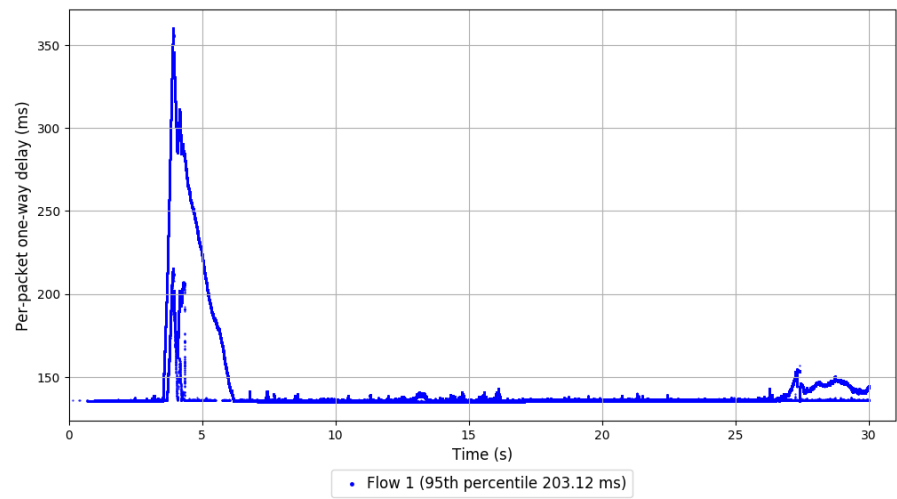
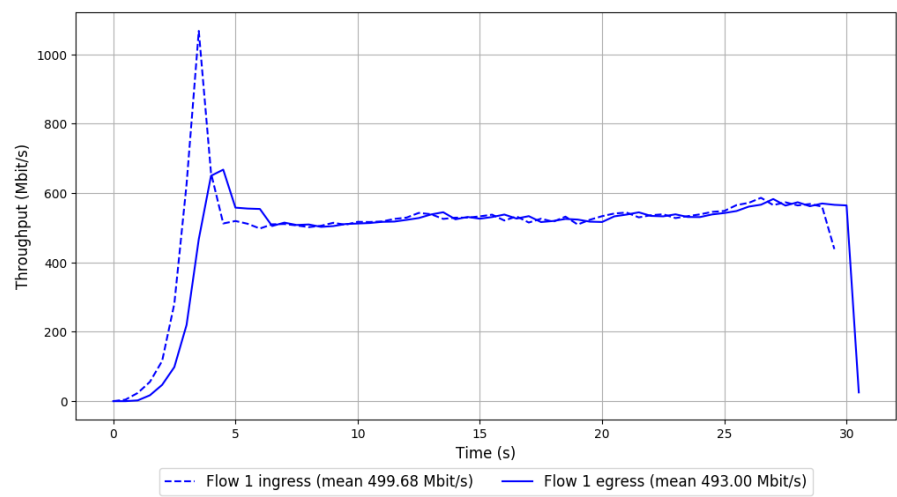
-- Flow 1:

Average throughput: 493.00 Mbit/s

95th percentile per-packet one-way delay: 203.116 ms

Loss rate: 1.33%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 21:56:04

End at: 2018-07-10 21:56:34

Local clock offset: -0.007 ms

Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-11 01:16:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 501.21 Mbit/s

95th percentile per-packet one-way delay: 255.519 ms

Loss rate: 1.23%

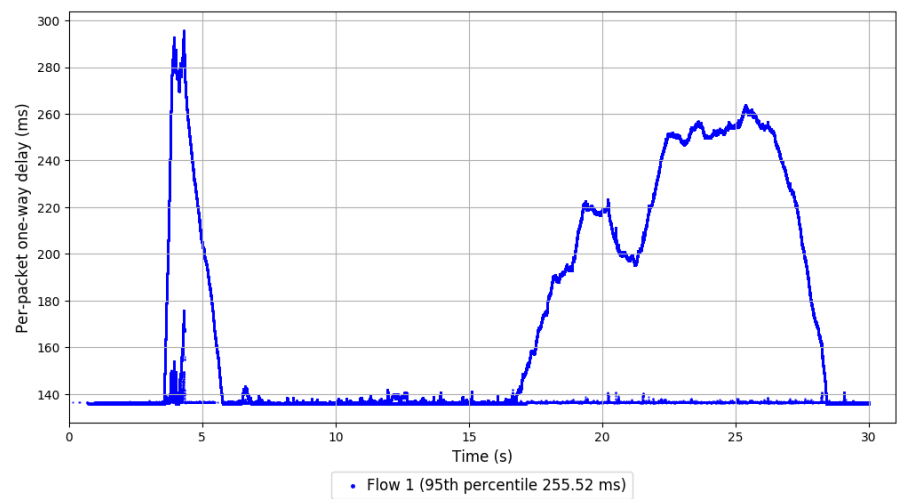
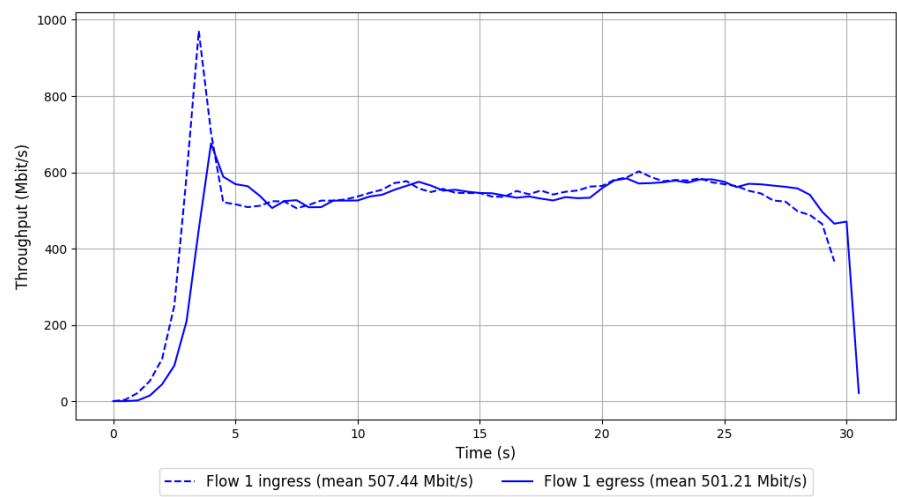
-- Flow 1:

Average throughput: 501.21 Mbit/s

95th percentile per-packet one-way delay: 255.519 ms

Loss rate: 1.23%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 22:19:00

End at: 2018-07-10 22:19:30

Local clock offset: 0.189 ms

Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-07-11 01:16:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 486.67 Mbit/s

95th percentile per-packet one-way delay: 182.334 ms

Loss rate: 1.17%

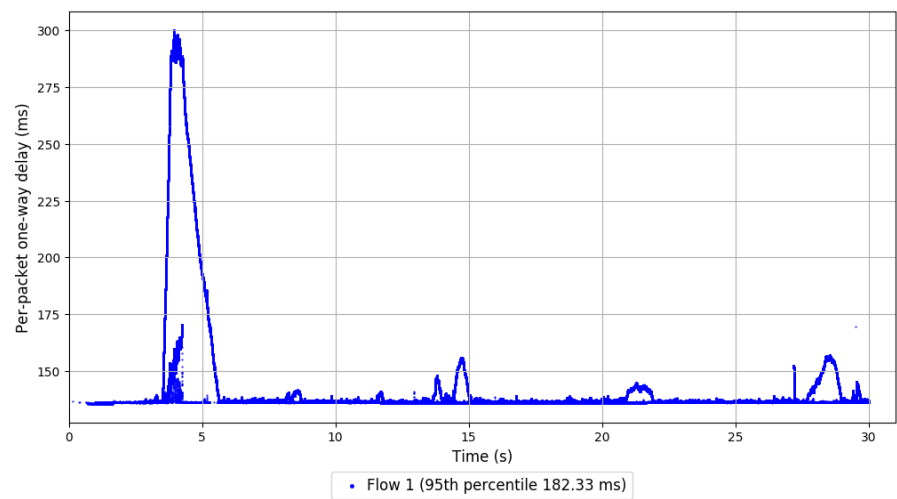
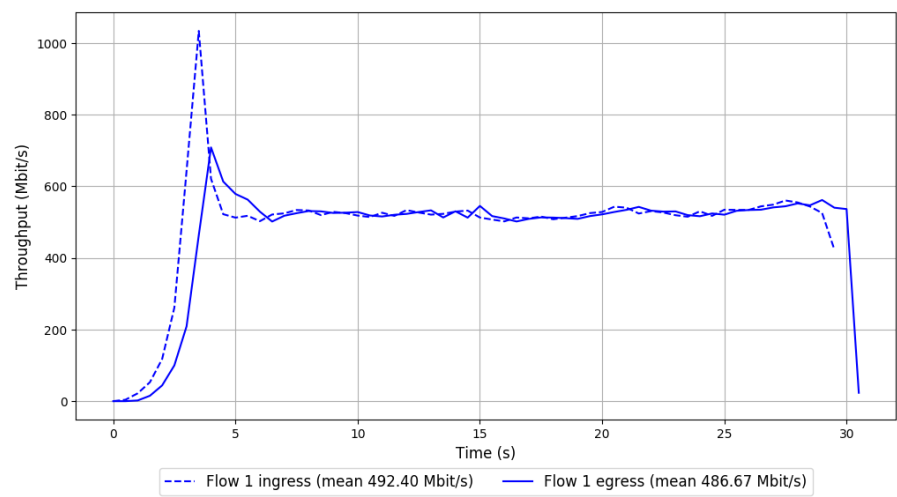
-- Flow 1:

Average throughput: 486.67 Mbit/s

95th percentile per-packet one-way delay: 182.334 ms

Loss rate: 1.17%

Run 6: Report of PCC-Allegro — Data Link

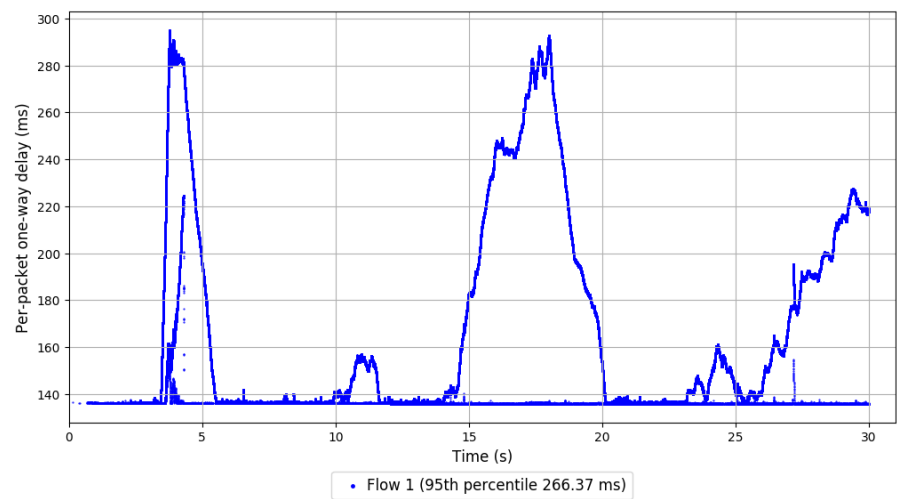
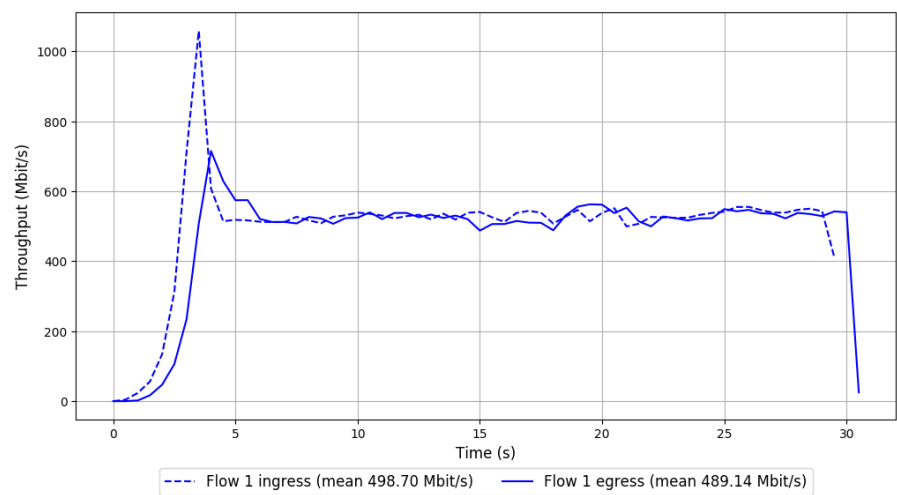


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 22:42:00
End at: 2018-07-10 22:42:30
Local clock offset: 0.062 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-11 01:17:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 489.14 Mbit/s
95th percentile per-packet one-way delay: 266.371 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 489.14 Mbit/s
95th percentile per-packet one-way delay: 266.371 ms
Loss rate: 1.91%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 23:05:14

End at: 2018-07-10 23:05:44

Local clock offset: 0.027 ms

Remote clock offset: -0.409 ms

Below is generated by plot.py at 2018-07-11 01:21:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 483.04 Mbit/s

95th percentile per-packet one-way delay: 175.118 ms

Loss rate: 1.22%

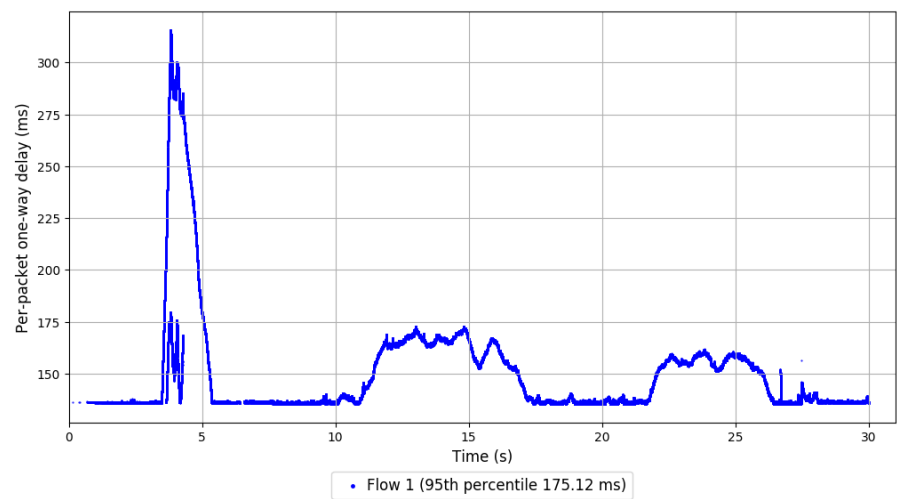
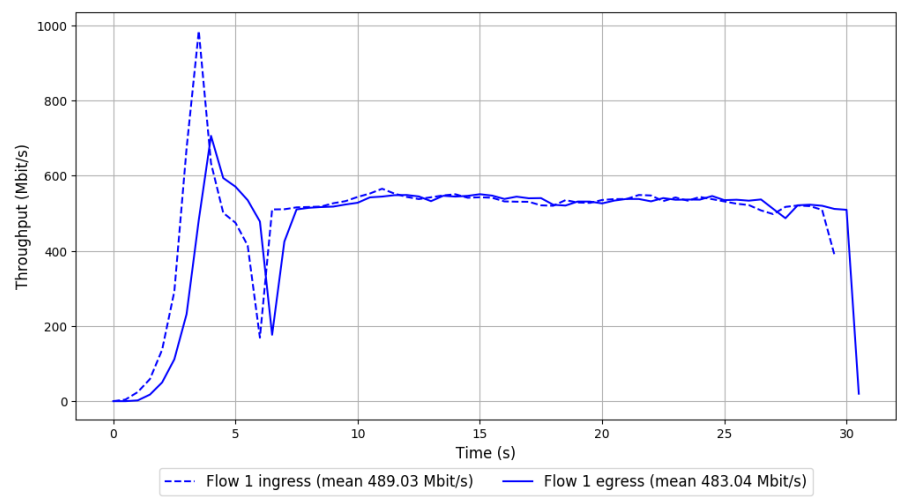
-- Flow 1:

Average throughput: 483.04 Mbit/s

95th percentile per-packet one-way delay: 175.118 ms

Loss rate: 1.22%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 23:28:22

End at: 2018-07-10 23:28:52

Local clock offset: -0.195 ms

Remote clock offset: -0.416 ms

Below is generated by plot.py at 2018-07-11 01:22:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 490.38 Mbit/s

95th percentile per-packet one-way delay: 284.364 ms

Loss rate: 2.43%

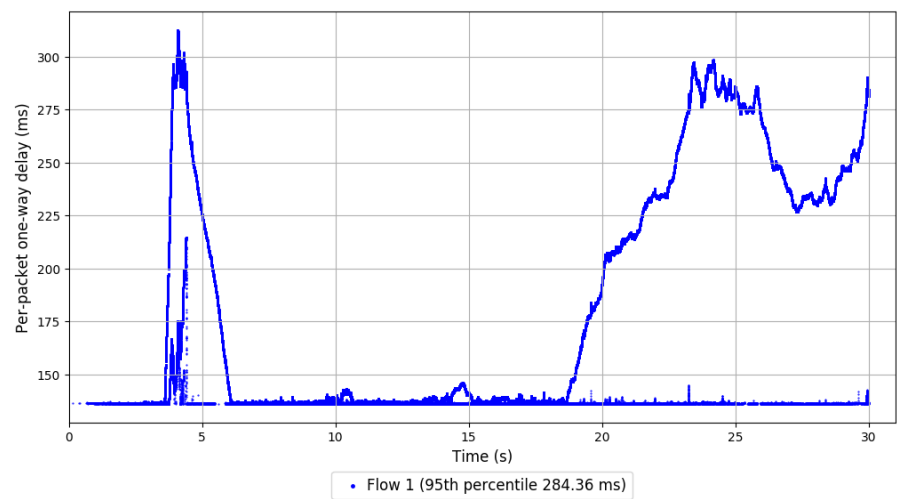
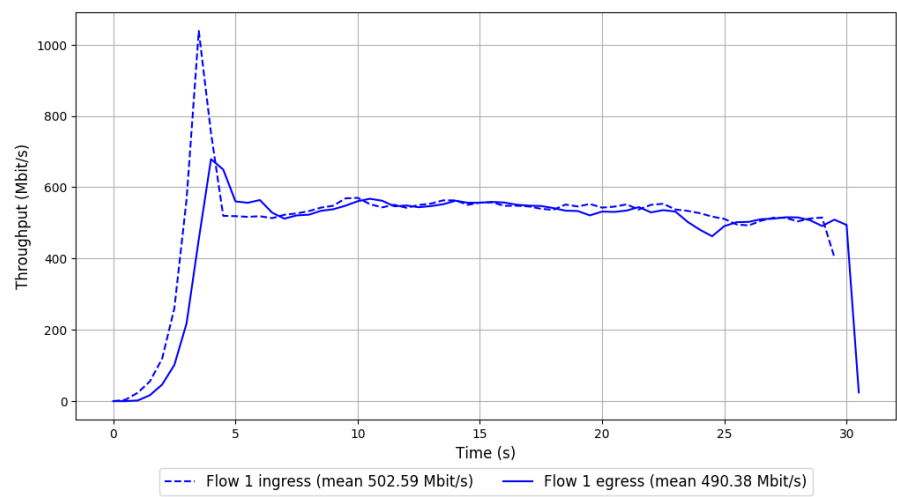
-- Flow 1:

Average throughput: 490.38 Mbit/s

95th percentile per-packet one-way delay: 284.364 ms

Loss rate: 2.43%

Run 9: Report of PCC-Allegro — Data Link

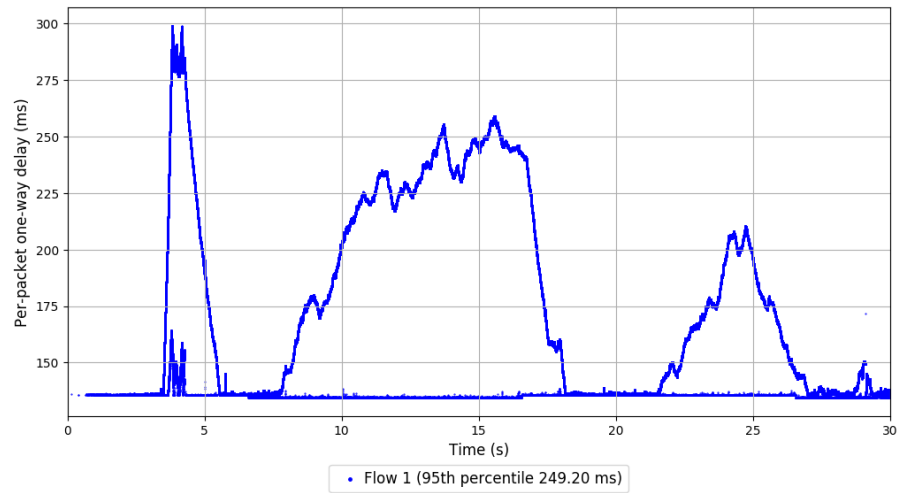
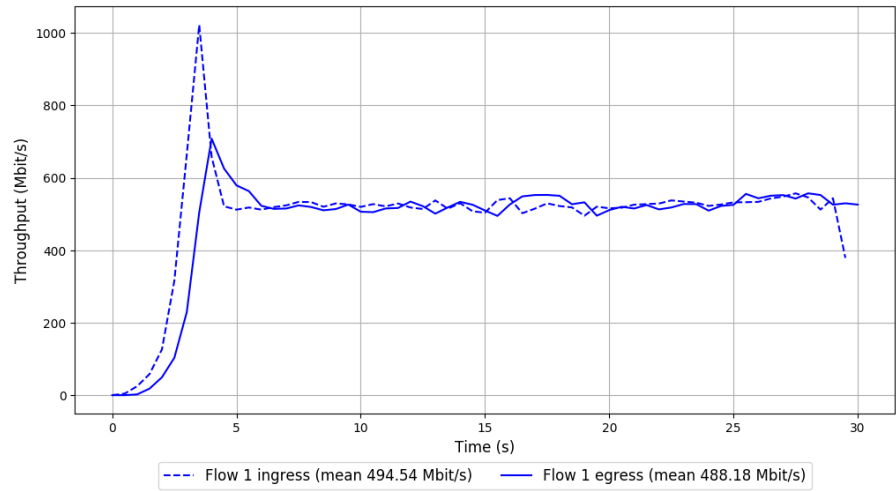


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 23:51:35
End at: 2018-07-10 23:52:05
Local clock offset: 0.097 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-07-11 01:22:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 488.18 Mbit/s
95th percentile per-packet one-way delay: 249.201 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 488.18 Mbit/s
95th percentile per-packet one-way delay: 249.201 ms
Loss rate: 1.28%

Run 10: Report of PCC-Allegro — Data Link

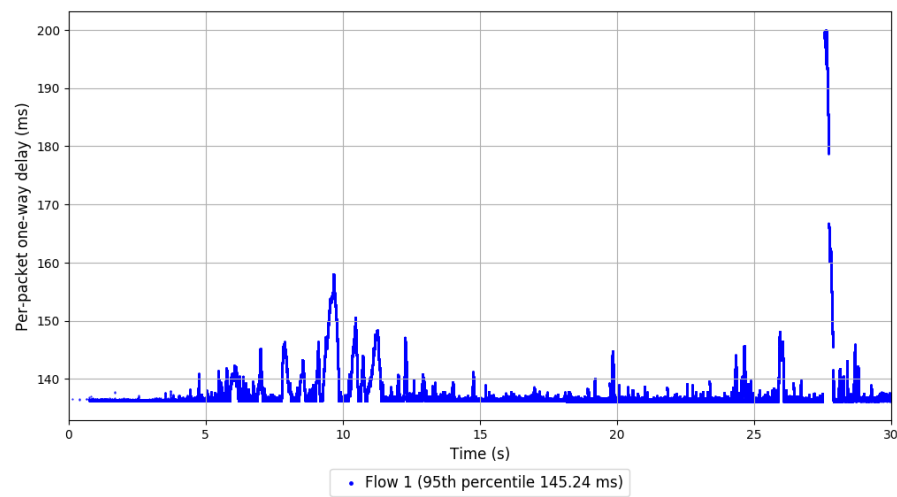
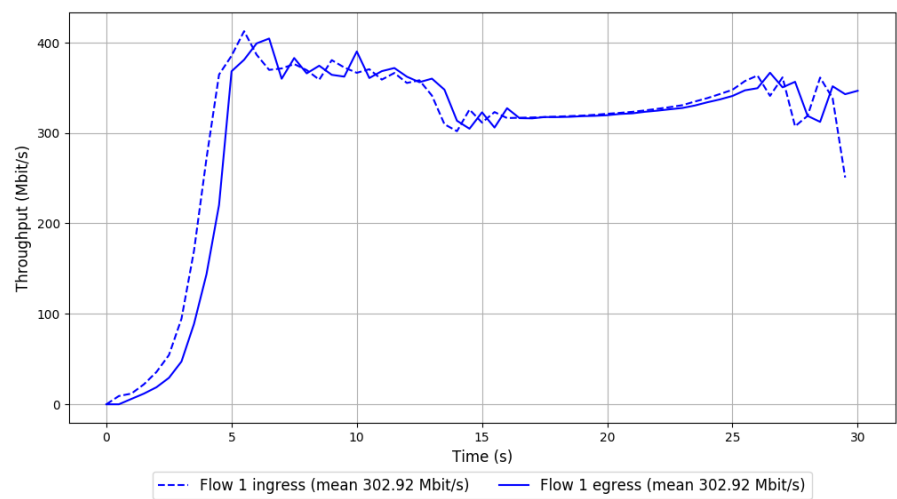


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 20:20:03
End at: 2018-07-10 20:20:33
Local clock offset: -0.031 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2018-07-11 01:24:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 302.92 Mbit/s
95th percentile per-packet one-way delay: 145.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 302.92 Mbit/s
95th percentile per-packet one-way delay: 145.240 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Expr — Data Link

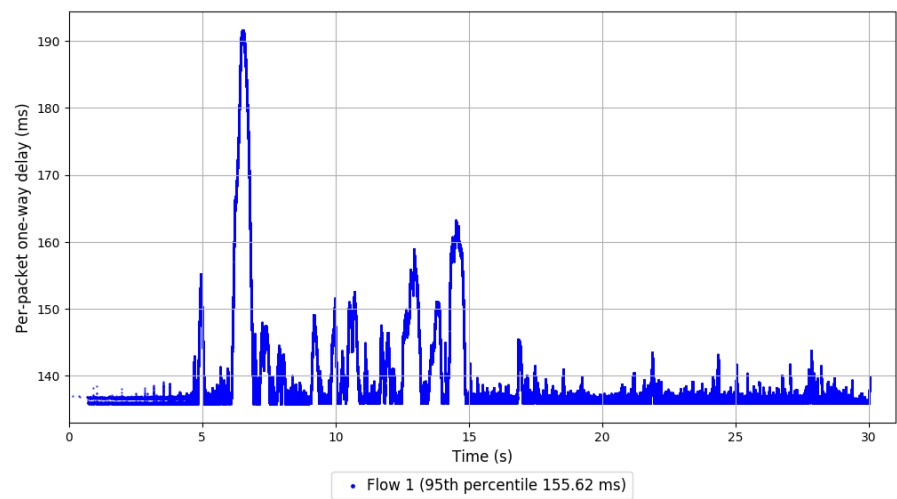
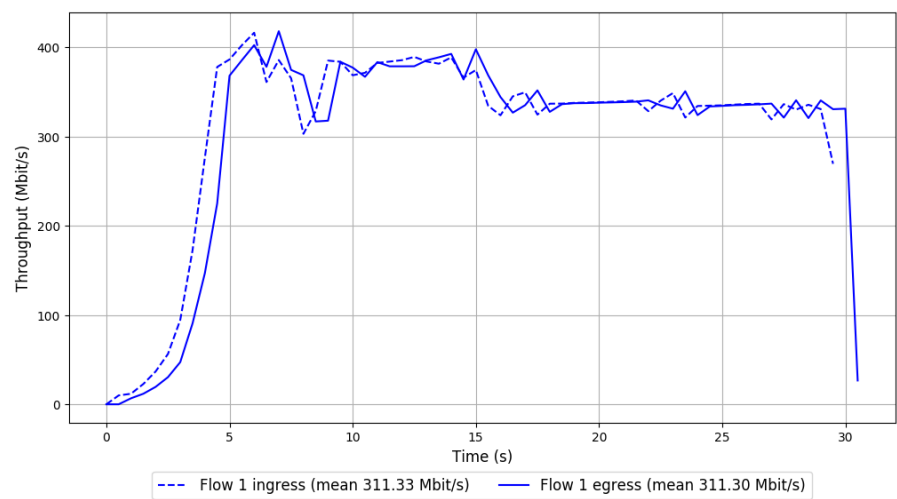


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 20:43:23
End at: 2018-07-10 20:43:53
Local clock offset: -0.117 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-07-11 01:25:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 311.30 Mbit/s
95th percentile per-packet one-way delay: 155.617 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 311.30 Mbit/s
95th percentile per-packet one-way delay: 155.617 ms
Loss rate: 0.01%

Run 2: Report of PCC-Expr — Data Link

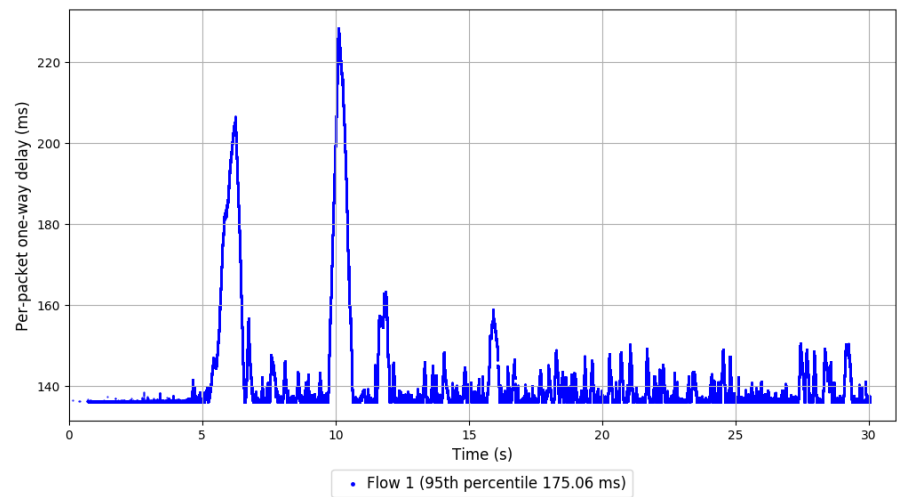
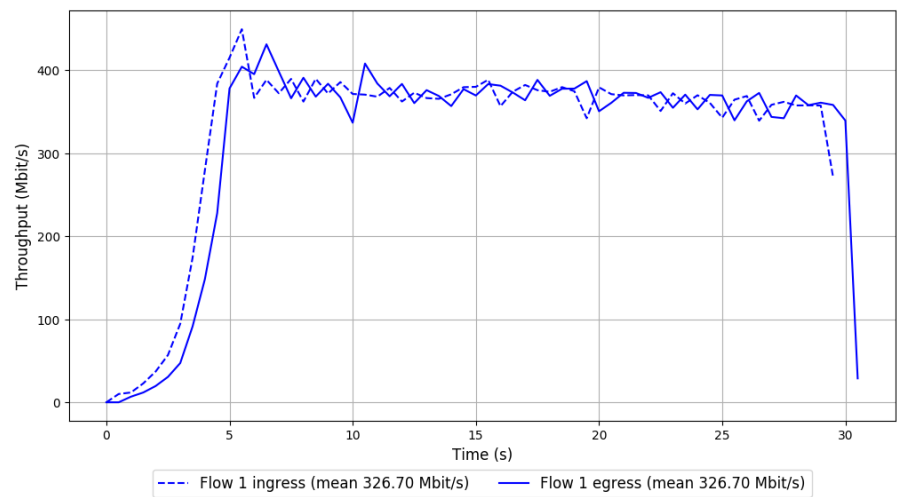


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 21:06:30
End at: 2018-07-10 21:07:00
Local clock offset: 0.089 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2018-07-11 01:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 326.70 Mbit/s
95th percentile per-packet one-way delay: 175.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 326.70 Mbit/s
95th percentile per-packet one-way delay: 175.064 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 21:29:43

End at: 2018-07-10 21:30:13

Local clock offset: 0.027 ms

Remote clock offset: 0.302 ms

Below is generated by plot.py at 2018-07-11 01:26:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 300.44 Mbit/s

95th percentile per-packet one-way delay: 168.493 ms

Loss rate: 0.07%

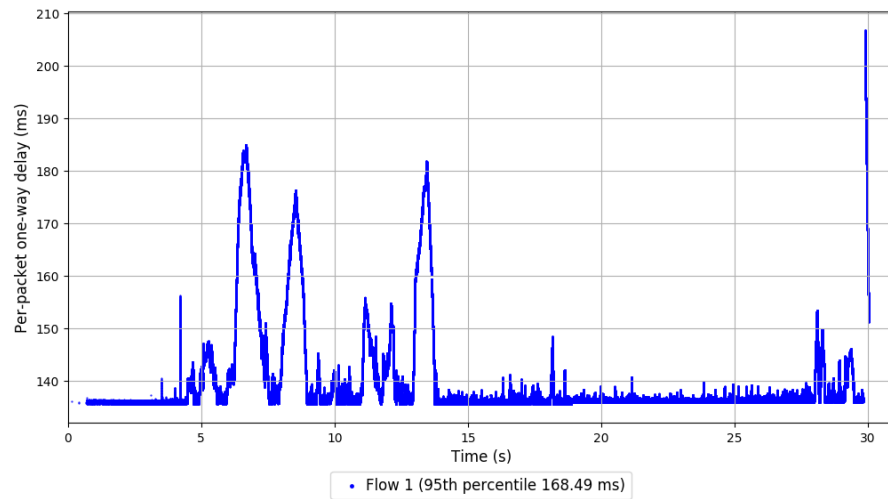
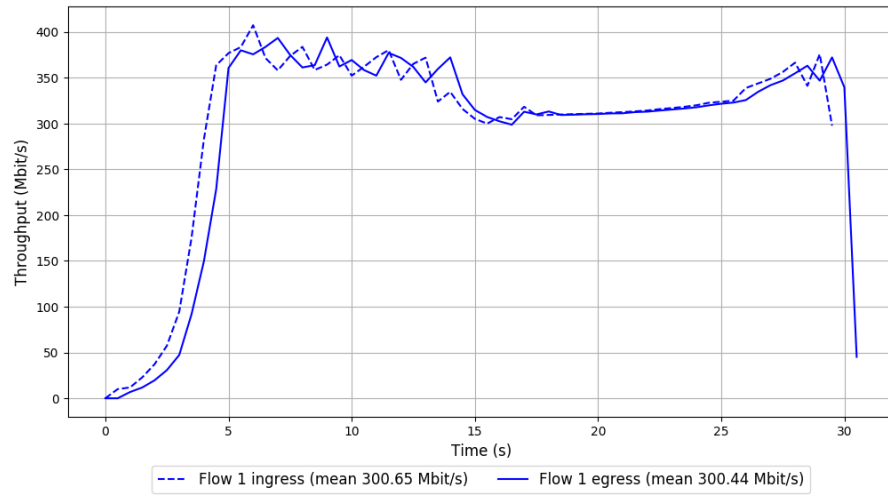
-- Flow 1:

Average throughput: 300.44 Mbit/s

95th percentile per-packet one-way delay: 168.493 ms

Loss rate: 0.07%

Run 4: Report of PCC-Expr — Data Link

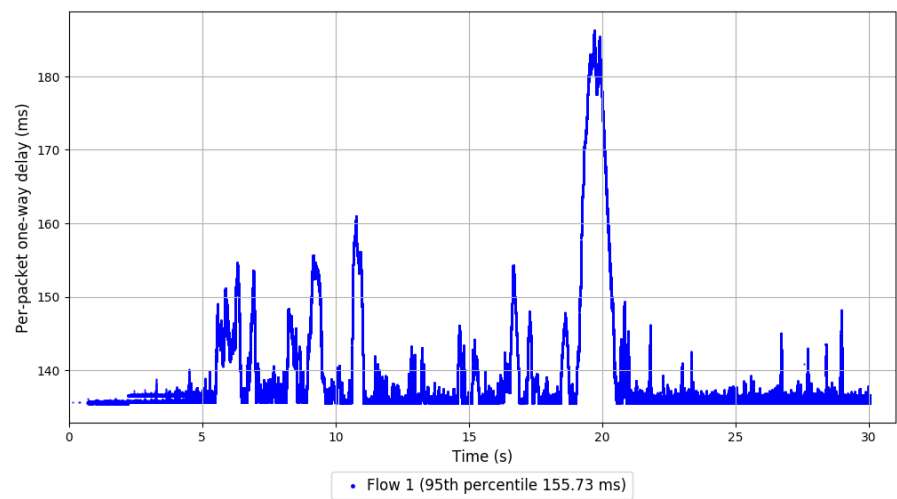
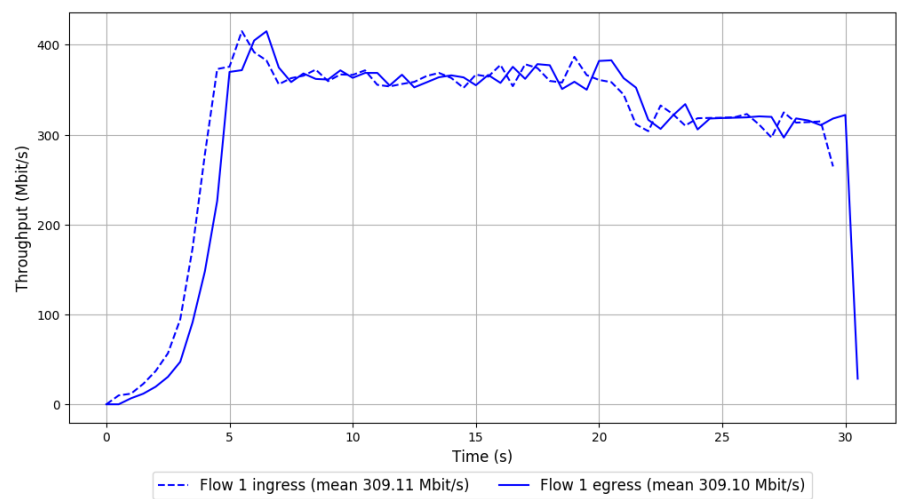


Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 21:53:12
End at: 2018-07-10 21:53:42
Local clock offset: 0.079 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-07-11 01:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 309.10 Mbit/s
95th percentile per-packet one-way delay: 155.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 309.10 Mbit/s
95th percentile per-packet one-way delay: 155.728 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 22:16:10

End at: 2018-07-10 22:16:40

Local clock offset: 0.0 ms

Remote clock offset: 0.291 ms

Below is generated by plot.py at 2018-07-11 01:31:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 295.76 Mbit/s

95th percentile per-packet one-way delay: 177.125 ms

Loss rate: 0.00%

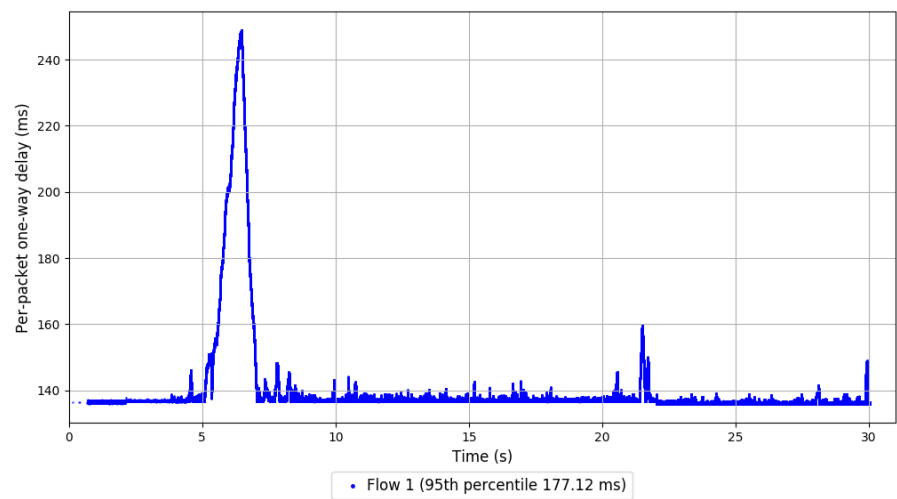
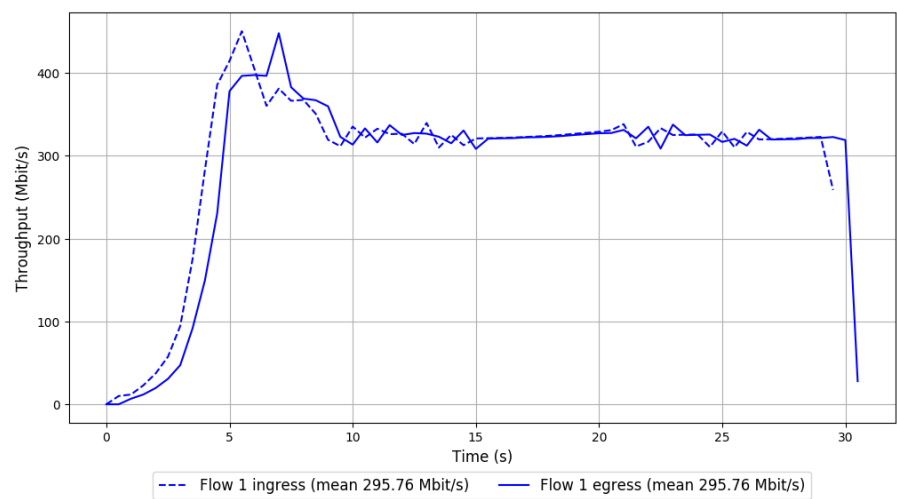
-- Flow 1:

Average throughput: 295.76 Mbit/s

95th percentile per-packet one-way delay: 177.125 ms

Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

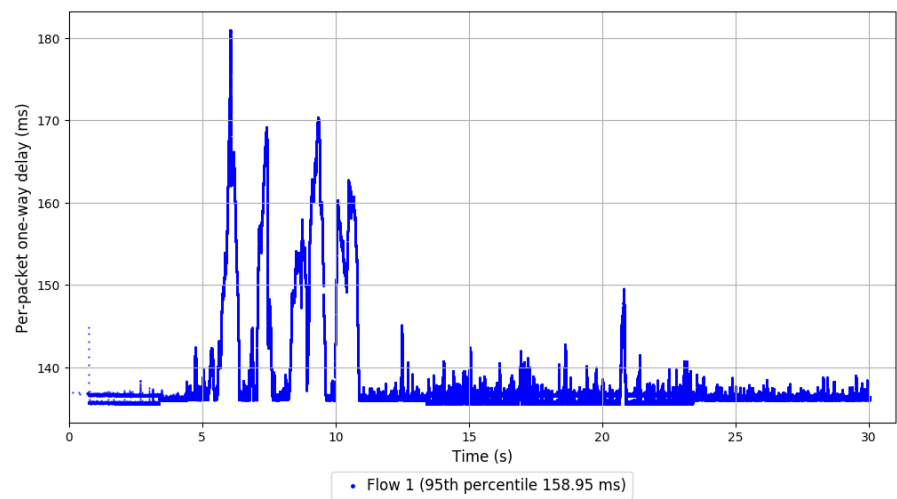
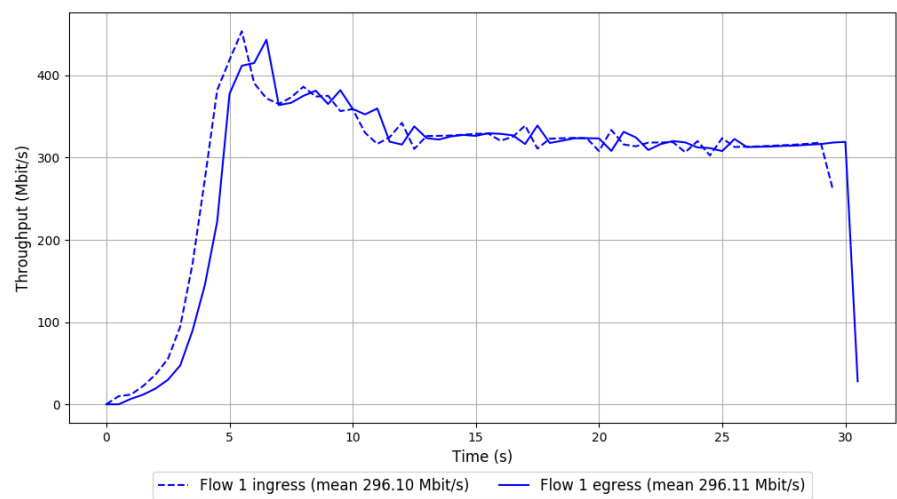


Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 22:39:08
End at: 2018-07-10 22:39:38
Local clock offset: 0.109 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-11 01:32:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 296.11 Mbit/s
95th percentile per-packet one-way delay: 158.952 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 296.11 Mbit/s
95th percentile per-packet one-way delay: 158.952 ms
Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 23:02:19

End at: 2018-07-10 23:02:49

Local clock offset: -0.013 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-07-11 01:34:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 326.02 Mbit/s

95th percentile per-packet one-way delay: 250.306 ms

Loss rate: 1.70%

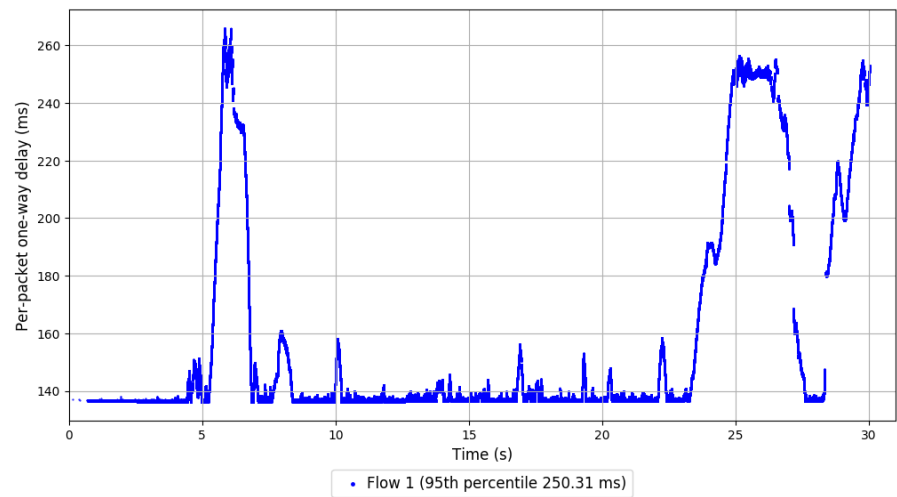
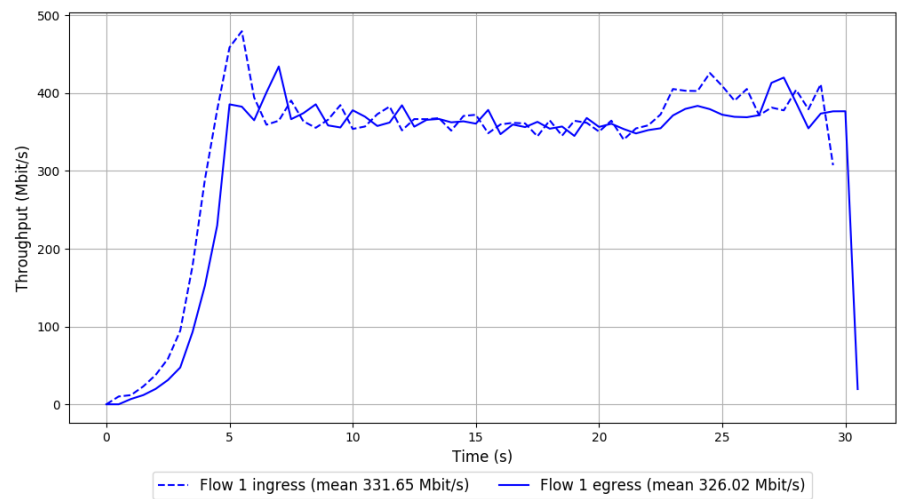
-- Flow 1:

Average throughput: 326.02 Mbit/s

95th percentile per-packet one-way delay: 250.306 ms

Loss rate: 1.70%

Run 8: Report of PCC-Expr — Data Link

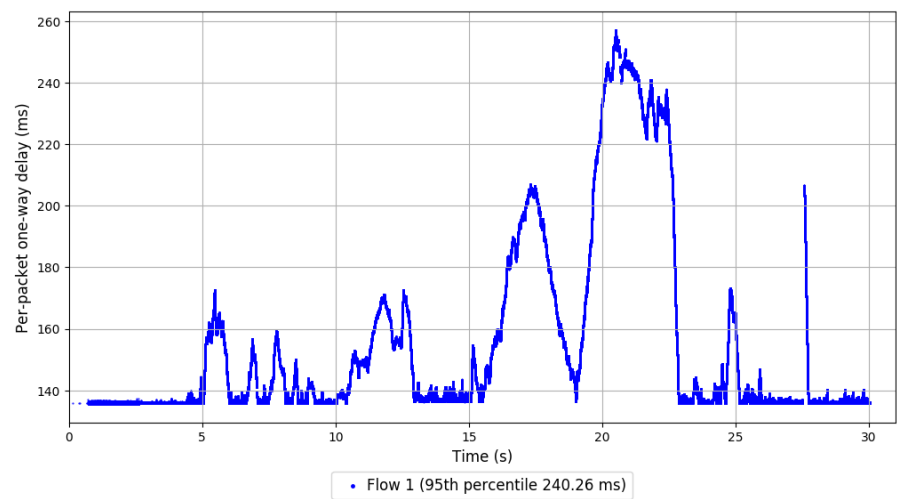
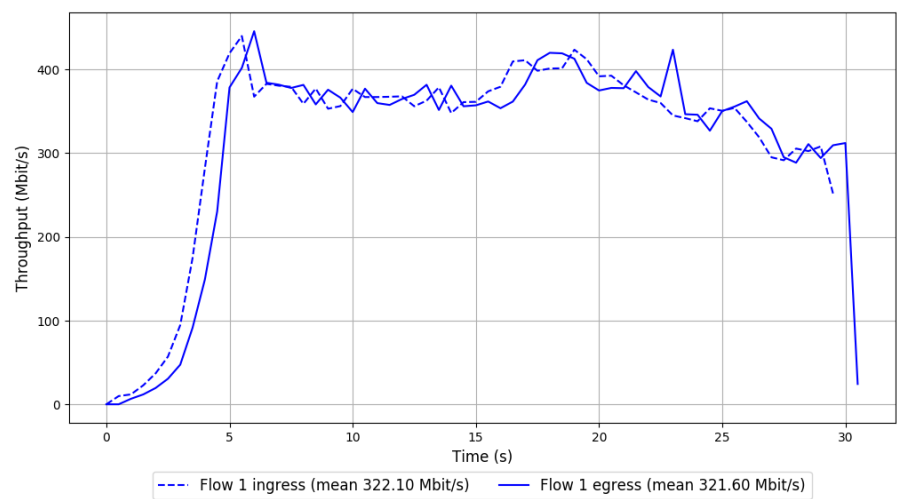


Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 23:25:29
End at: 2018-07-10 23:25:59
Local clock offset: -0.116 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-11 01:35:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 321.60 Mbit/s
95th percentile per-packet one-way delay: 240.264 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 321.60 Mbit/s
95th percentile per-packet one-way delay: 240.264 ms
Loss rate: 0.16%

Run 9: Report of PCC-Expr — Data Link

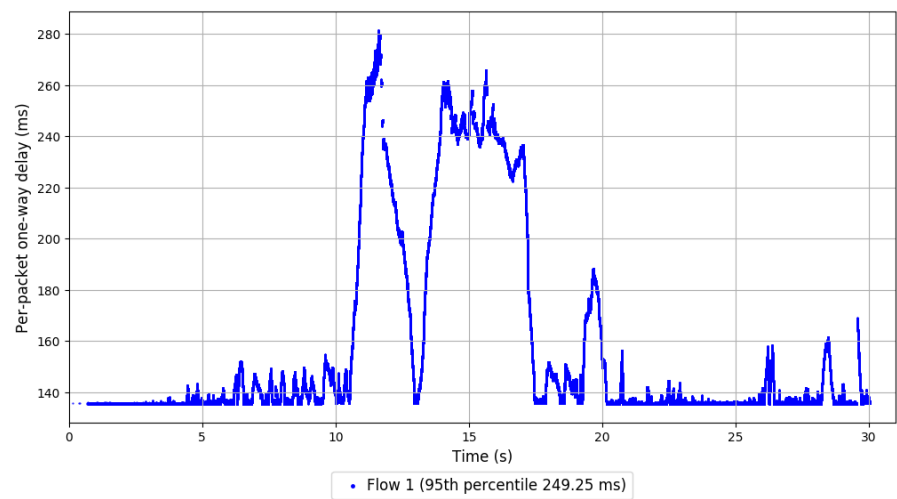
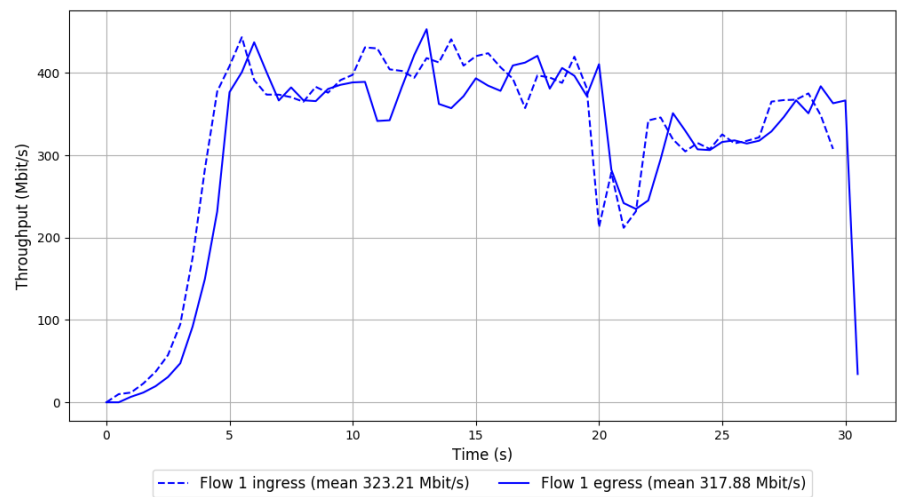


Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 23:48:42
End at: 2018-07-10 23:49:12
Local clock offset: 0.122 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 317.88 Mbit/s
95th percentile per-packet one-way delay: 249.253 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 317.88 Mbit/s
95th percentile per-packet one-way delay: 249.253 ms
Loss rate: 1.65%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

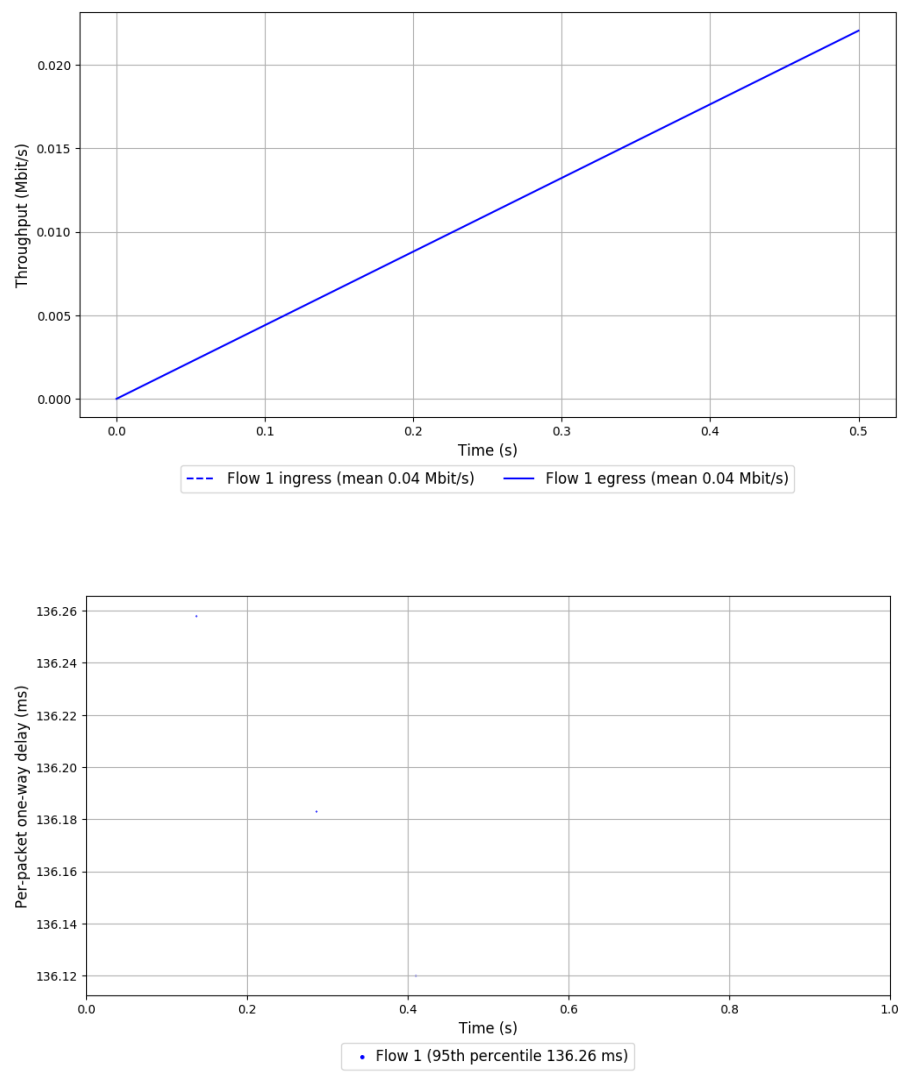
Start at: 2018-07-10 20:18:55

End at: 2018-07-10 20:19:25

Local clock offset: 0.239 ms

Remote clock offset: -0.066 ms

Run 1: Report of QUIC Cubic — Data Link

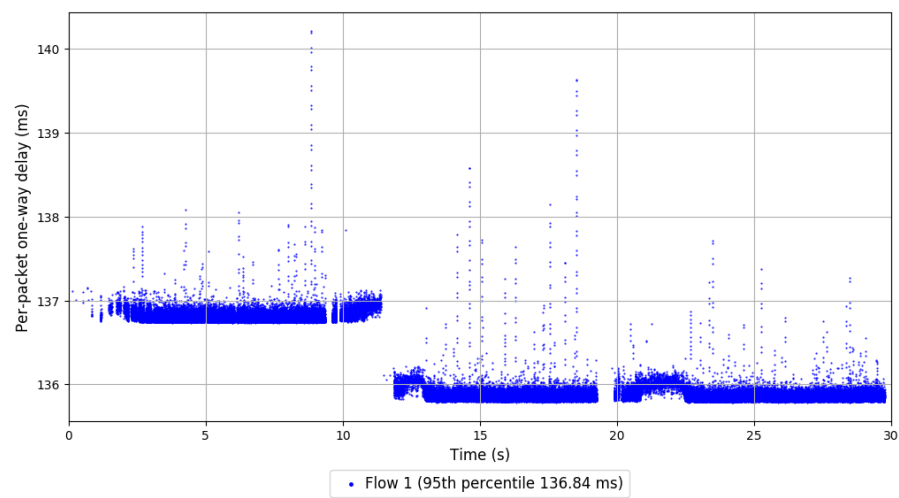
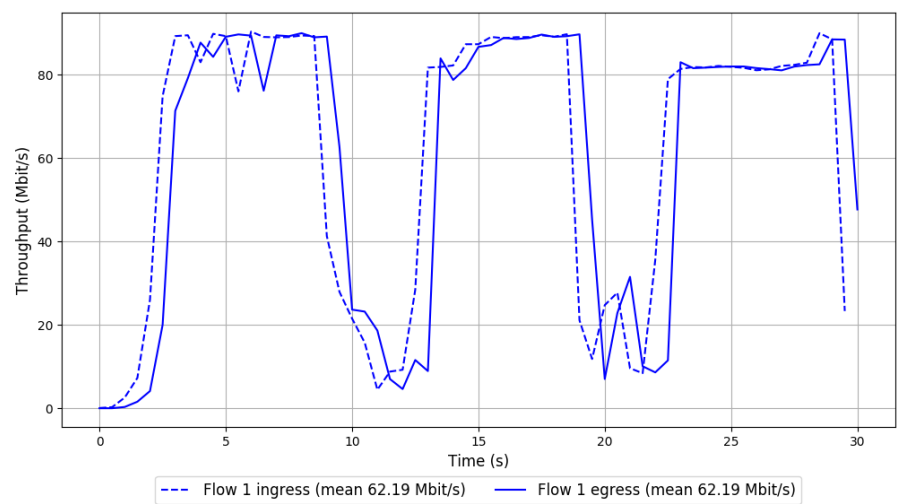


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 20:42:10
End at: 2018-07-10 20:42:40
Local clock offset: -0.245 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.19 Mbit/s
95th percentile per-packet one-way delay: 136.843 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.19 Mbit/s
95th percentile per-packet one-way delay: 136.843 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 21:05:18

End at: 2018-07-10 21:05:48

Local clock offset: -0.115 ms

Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.73 Mbit/s

95th percentile per-packet one-way delay: 135.774 ms

Loss rate: 0.00%

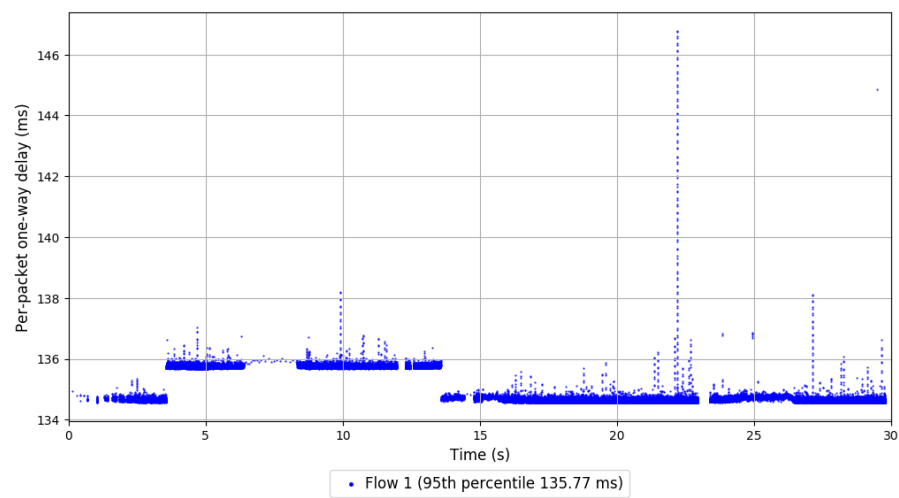
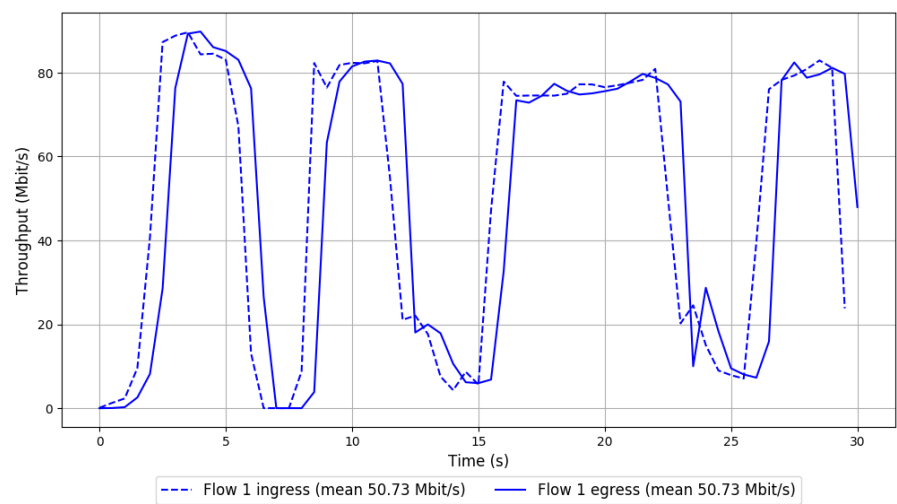
-- Flow 1:

Average throughput: 50.73 Mbit/s

95th percentile per-packet one-way delay: 135.774 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

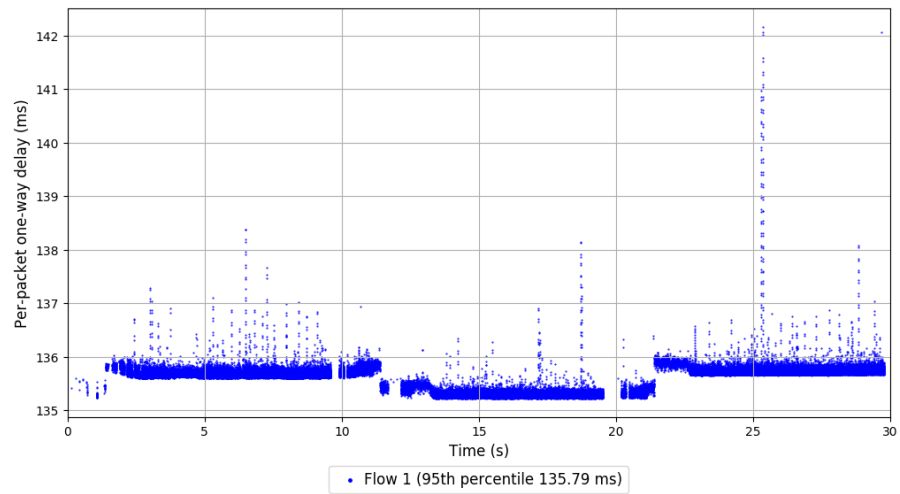
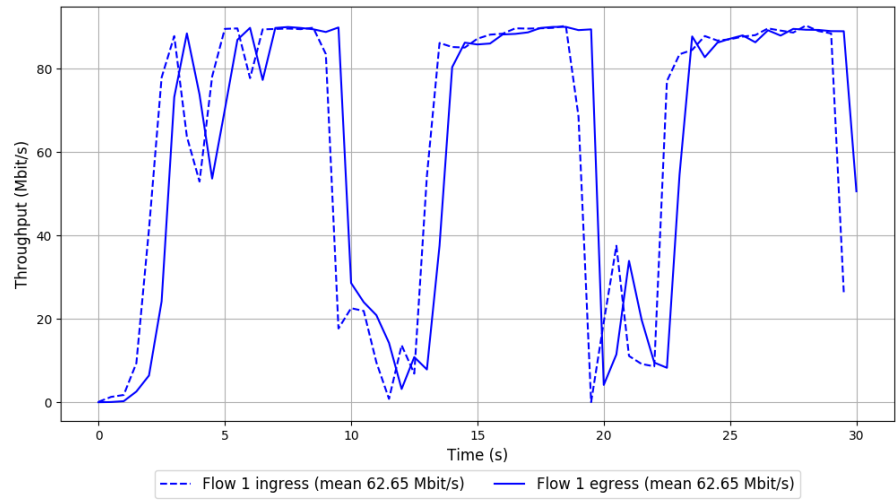


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 21:28:30
End at: 2018-07-10 21:29:00
Local clock offset: -0.114 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.65 Mbit/s
95th percentile per-packet one-way delay: 135.787 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.65 Mbit/s
95th percentile per-packet one-way delay: 135.787 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

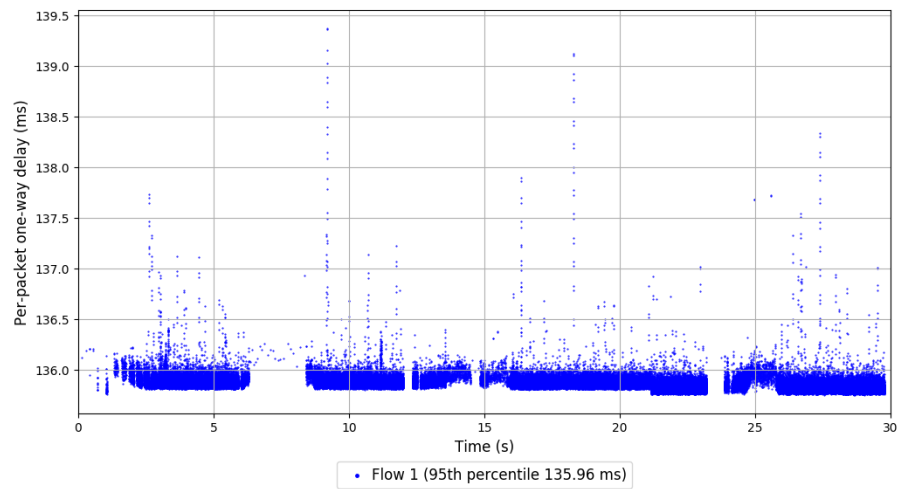
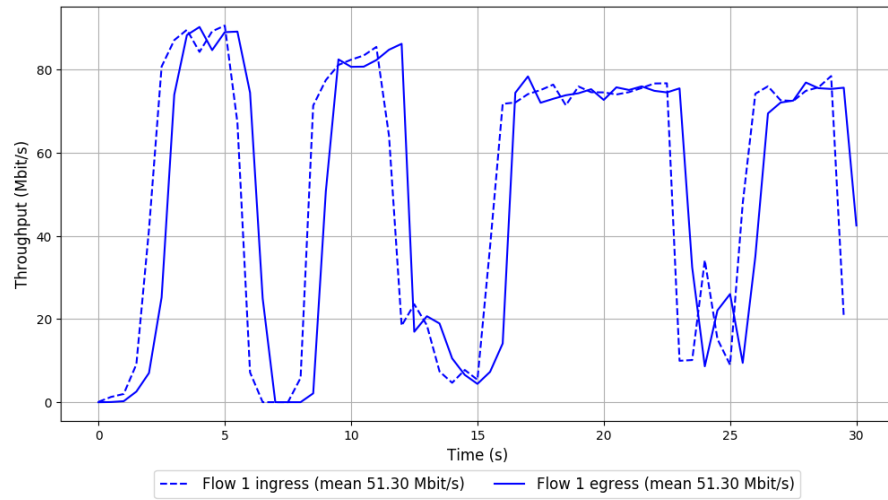


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 21:52:00
End at: 2018-07-10 21:52:30
Local clock offset: -0.158 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.30 Mbit/s
95th percentile per-packet one-way delay: 135.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.30 Mbit/s
95th percentile per-packet one-way delay: 135.958 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 22:14:57

End at: 2018-07-10 22:15:27

Local clock offset: -0.186 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.94 Mbit/s

95th percentile per-packet one-way delay: 136.674 ms

Loss rate: 0.00%

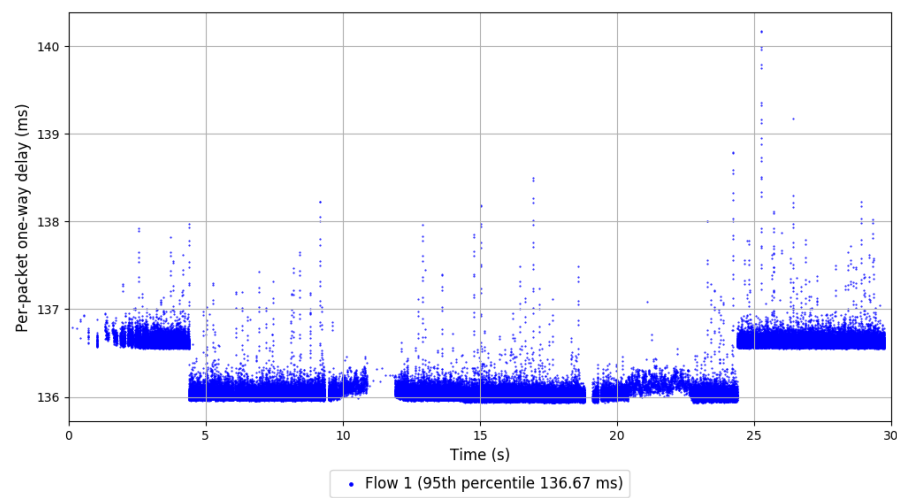
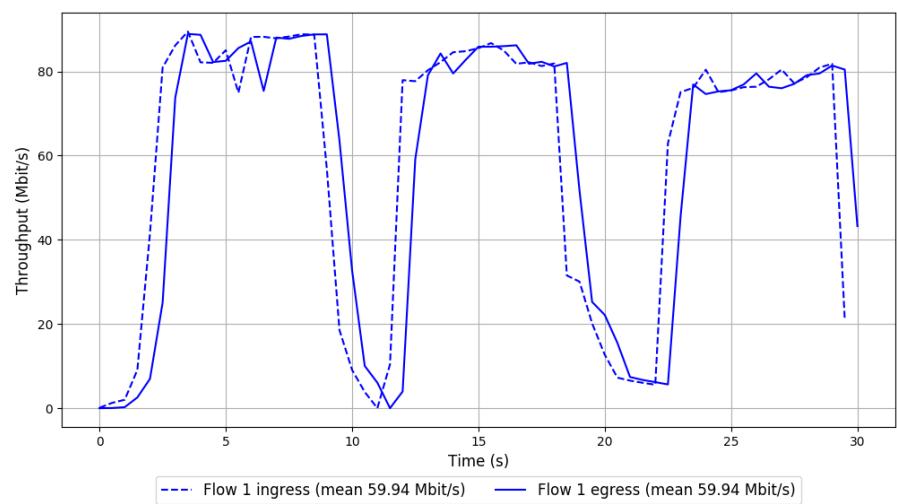
-- Flow 1:

Average throughput: 59.94 Mbit/s

95th percentile per-packet one-way delay: 136.674 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 22:37:56

End at: 2018-07-10 22:38:26

Local clock offset: -0.209 ms

Remote clock offset: 0.342 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 136.618 ms

Loss rate: 0.00%

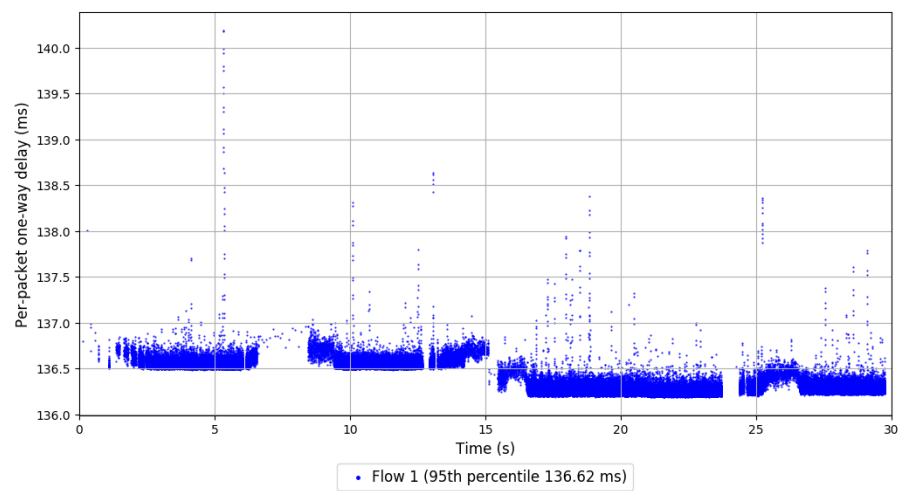
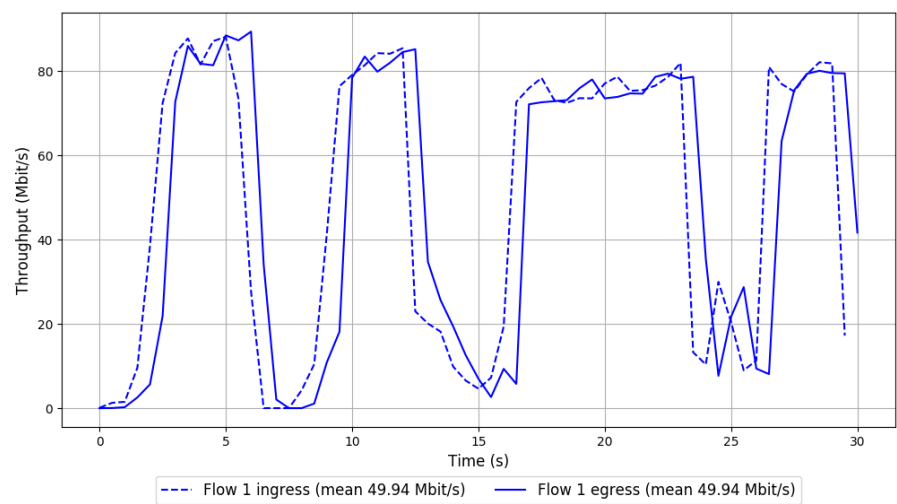
-- Flow 1:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 136.618 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

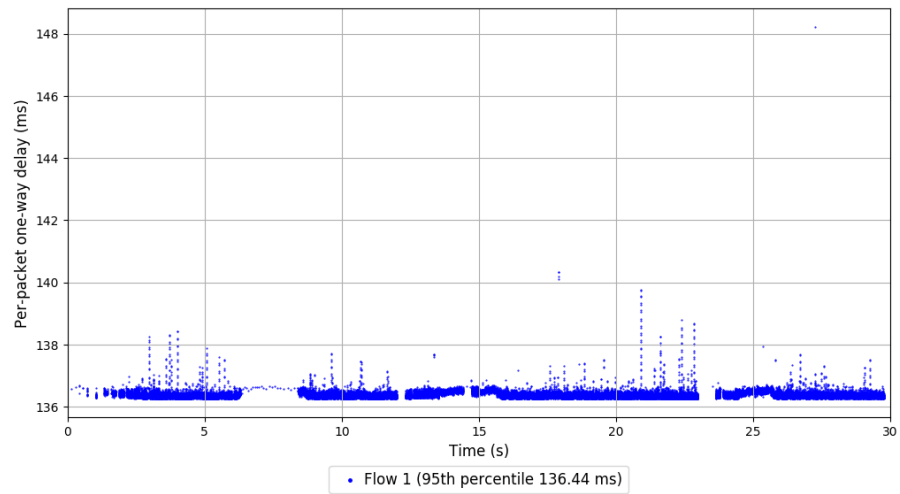
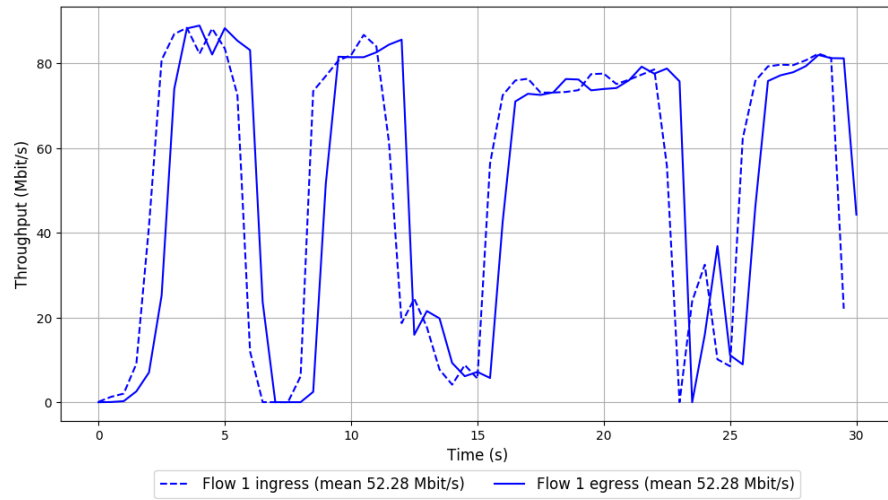


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 23:01:07
End at: 2018-07-10 23:01:37
Local clock offset: -0.078 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 136.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 136.443 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 23:24:17

End at: 2018-07-10 23:24:47

Local clock offset: -0.108 ms

Remote clock offset: 0.287 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.26 Mbit/s

95th percentile per-packet one-way delay: 136.773 ms

Loss rate: 0.00%

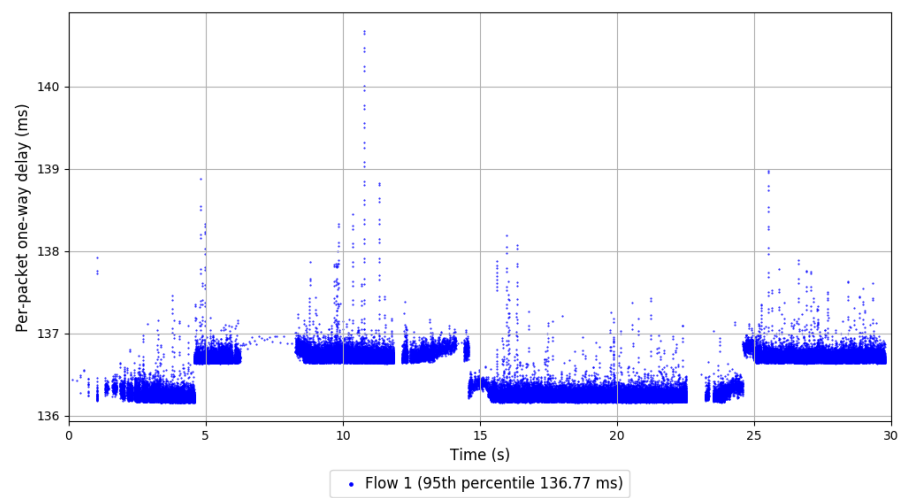
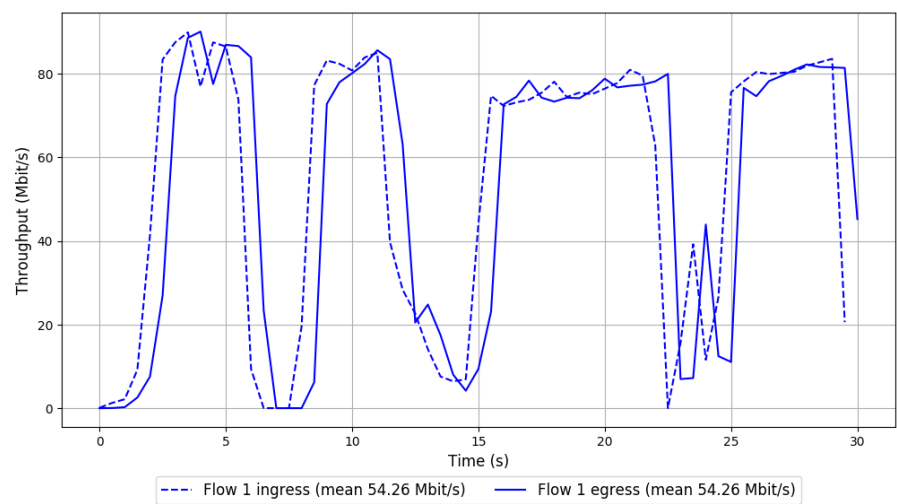
-- Flow 1:

Average throughput: 54.26 Mbit/s

95th percentile per-packet one-way delay: 136.773 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

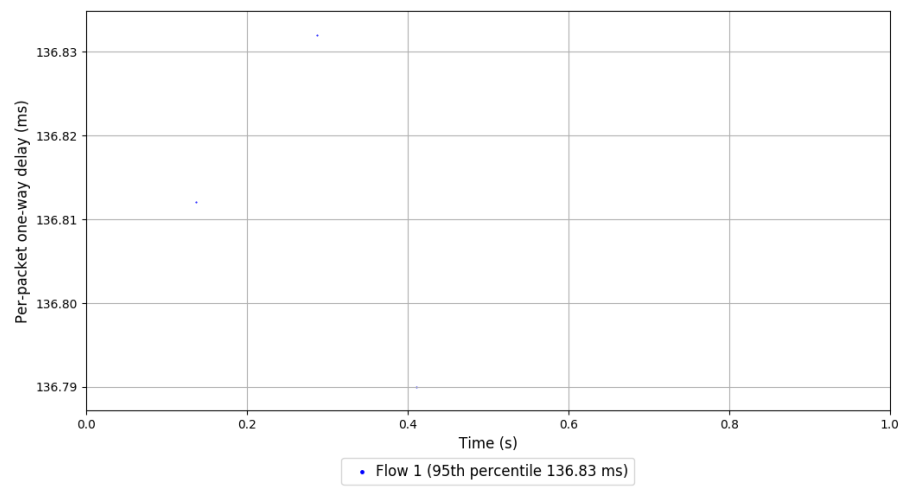
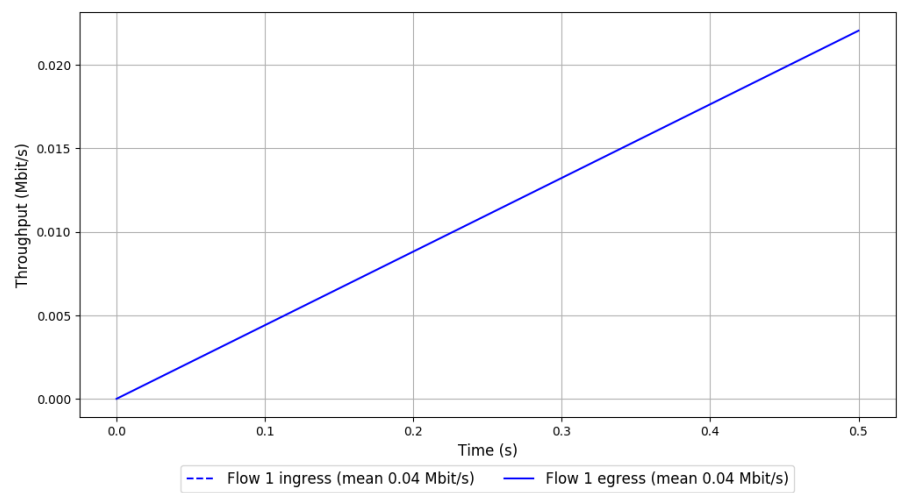
Start at: 2018-07-10 23:47:34

End at: 2018-07-10 23:48:04

Local clock offset: -0.2 ms

Remote clock offset: -0.116 ms

Run 10: Report of QUIC Cubic — Data Link

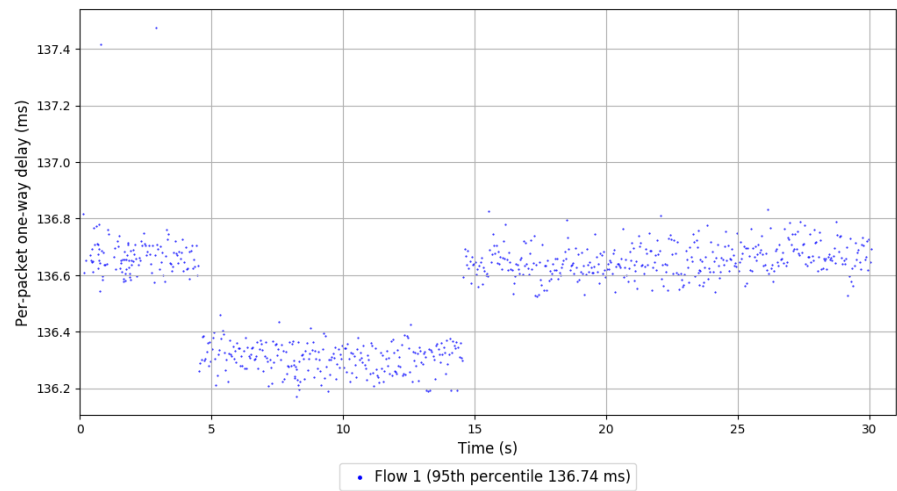
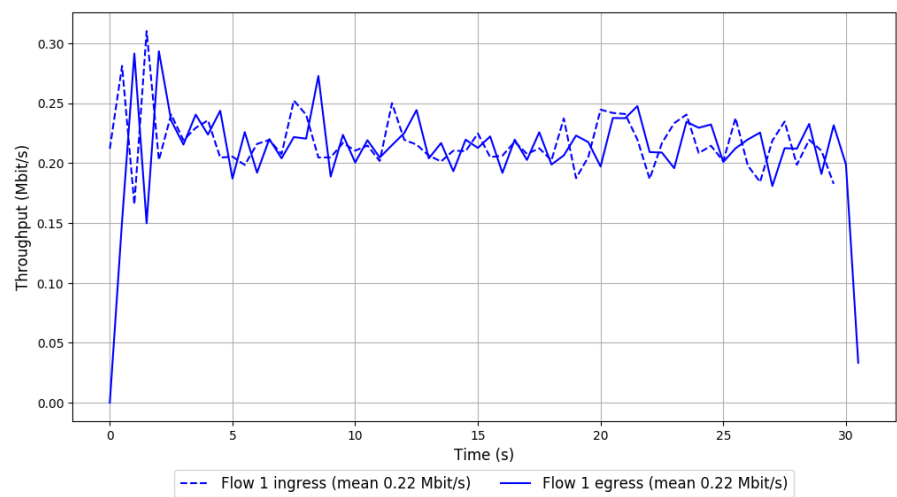


Run 1: Statistics of SCReAM

Start at: 2018-07-10 20:17:47
End at: 2018-07-10 20:18:17
Local clock offset: 0.07 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.741 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

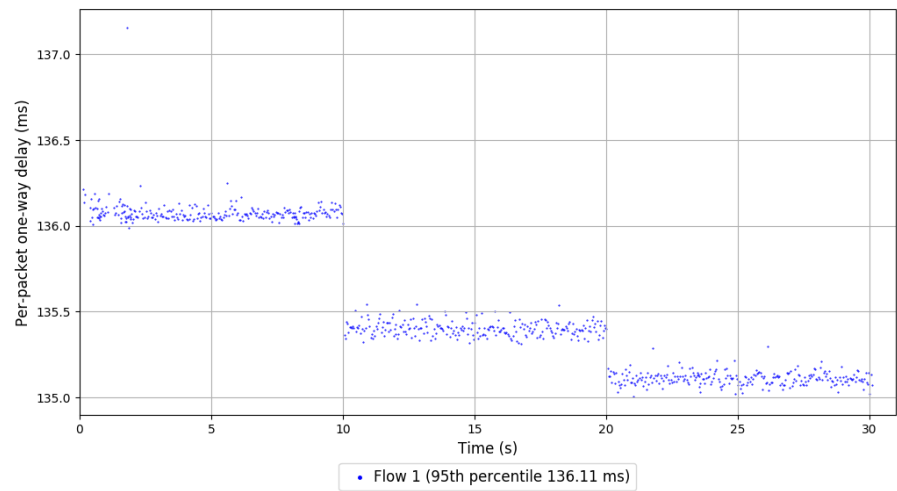
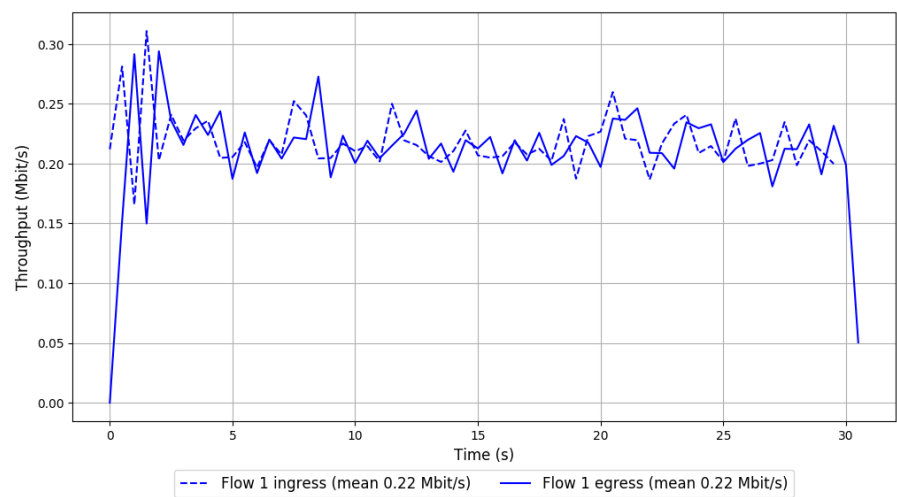


```
Run 2: Statistics of SCReAM

Start at: 2018-07-10 20:41:02
End at: 2018-07-10 20:41:32
Local clock offset: -0.016 ms
Remote clock offset: 0.293 ms

# Below is generated by plot.py at 2018-07-11 01:35:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.106 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

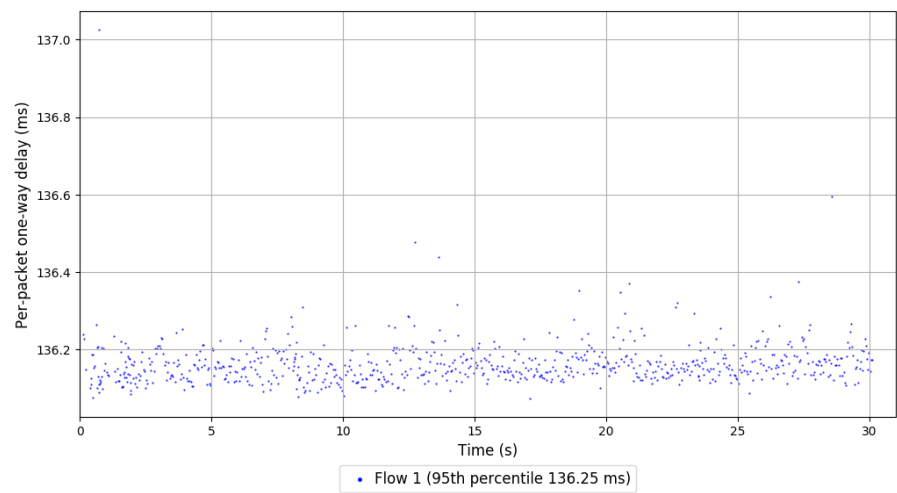
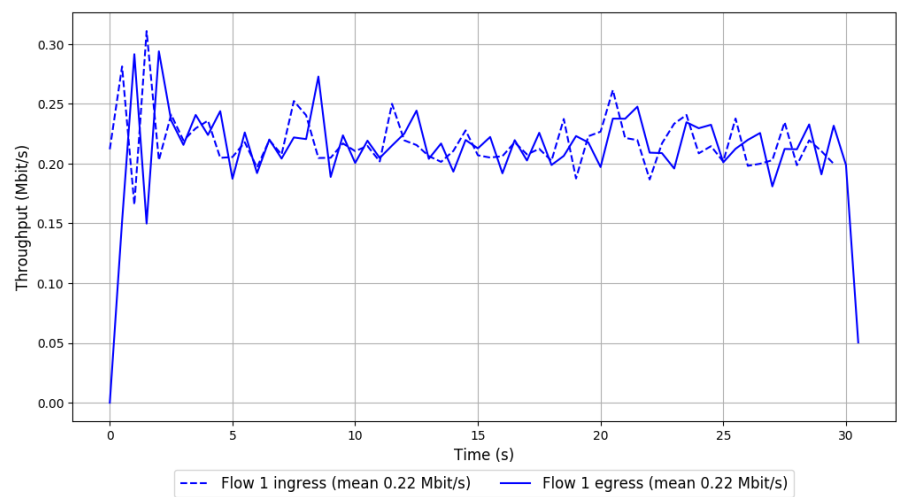


Run 3: Statistics of SCReAM

Start at: 2018-07-10 21:04:09
End at: 2018-07-10 21:04:39
Local clock offset: 0.193 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.245 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

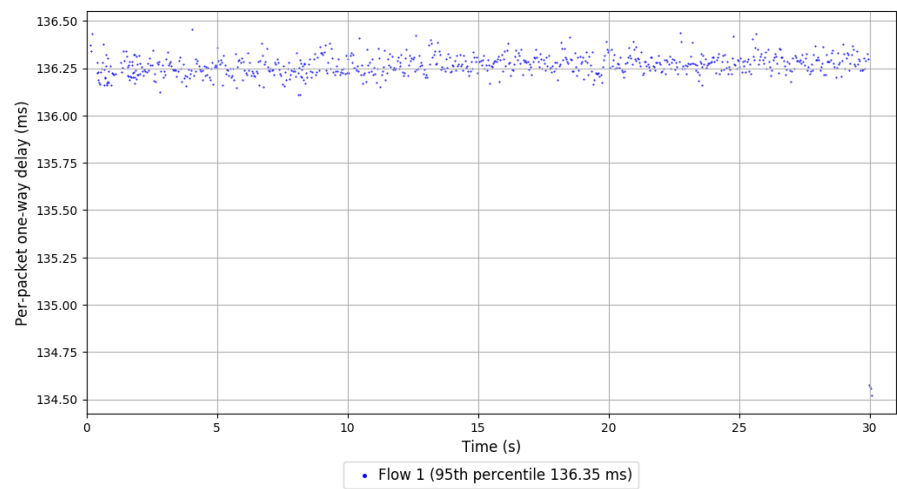
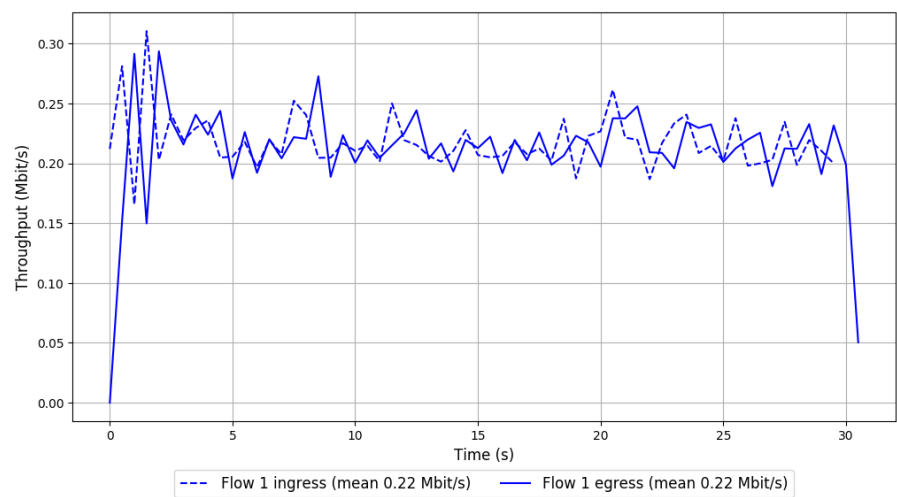


Run 4: Statistics of SCReAM

Start at: 2018-07-10 21:27:22
End at: 2018-07-10 21:27:52
Local clock offset: 0.147 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.351 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-07-10 21:50:52

End at: 2018-07-10 21:51:22

Local clock offset: -0.237 ms

Remote clock offset: 0.293 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.134 ms

Loss rate: 0.00%

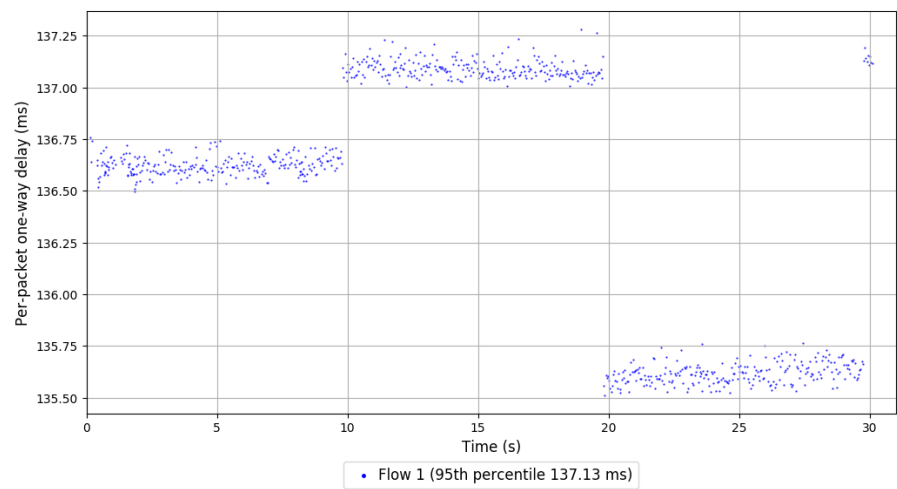
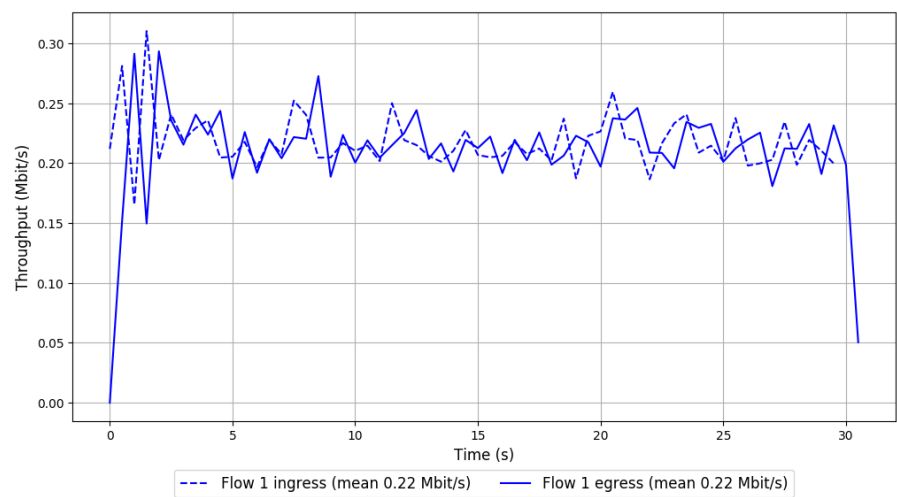
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.134 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-07-10 22:13:49

End at: 2018-07-10 22:14:19

Local clock offset: -0.033 ms

Remote clock offset: 0.308 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.229 ms

Loss rate: 0.00%

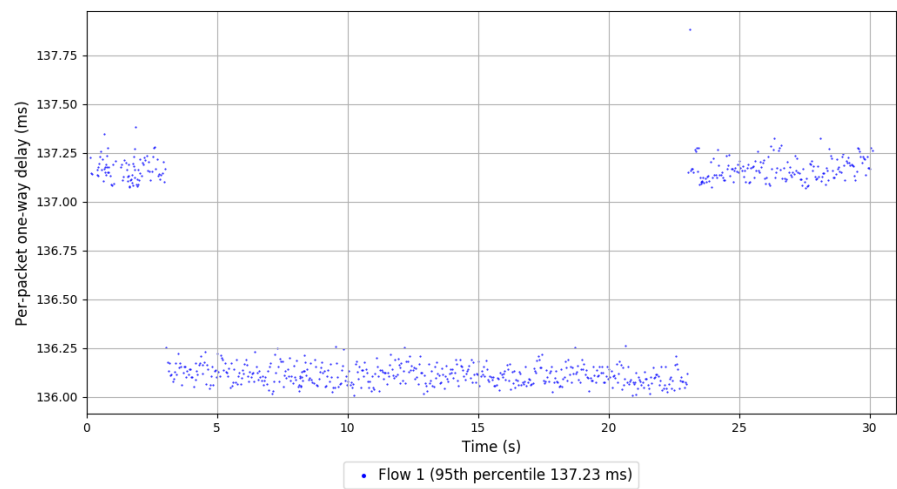
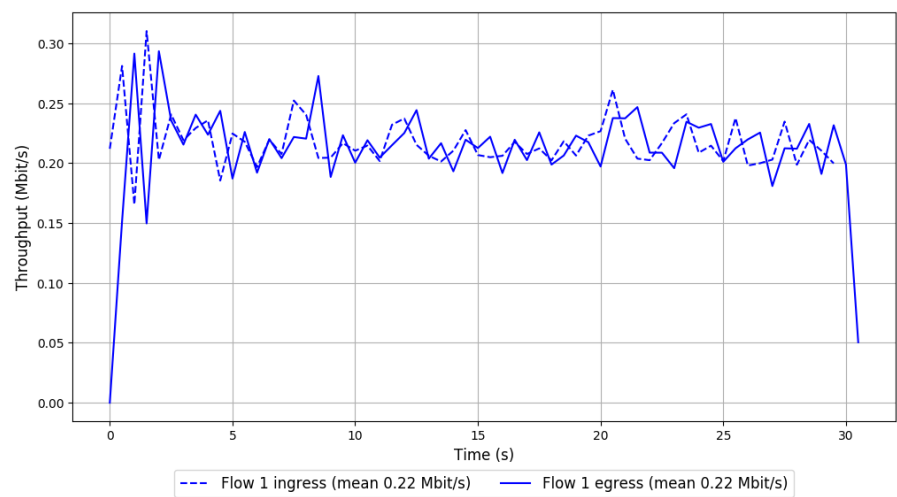
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.229 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

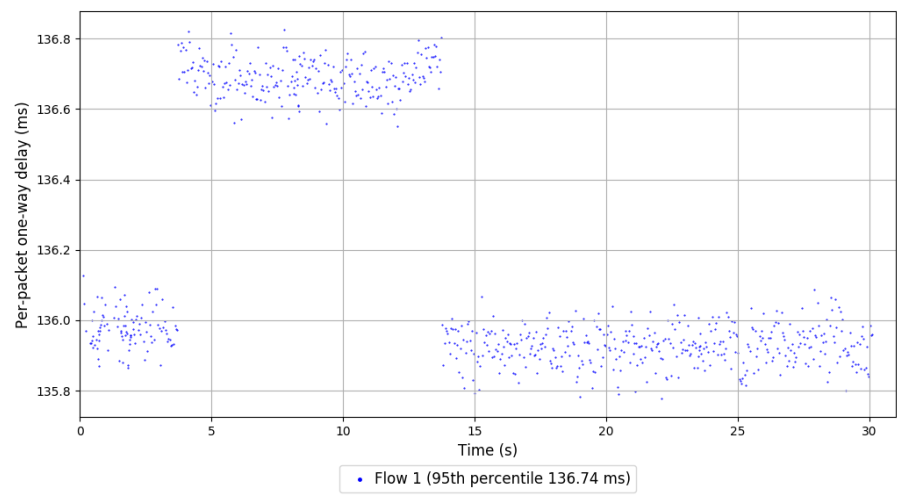
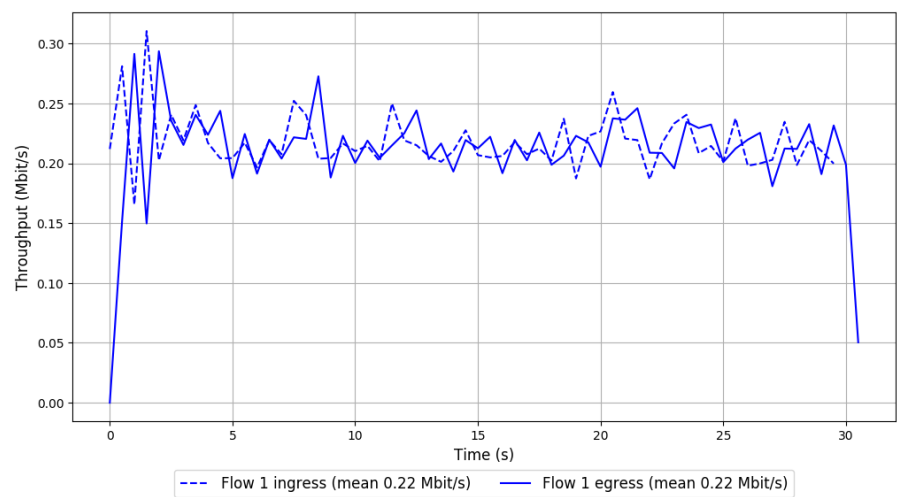


Run 7: Statistics of SCReAM

Start at: 2018-07-10 22:36:48
End at: 2018-07-10 22:37:18
Local clock offset: 0.114 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.742 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

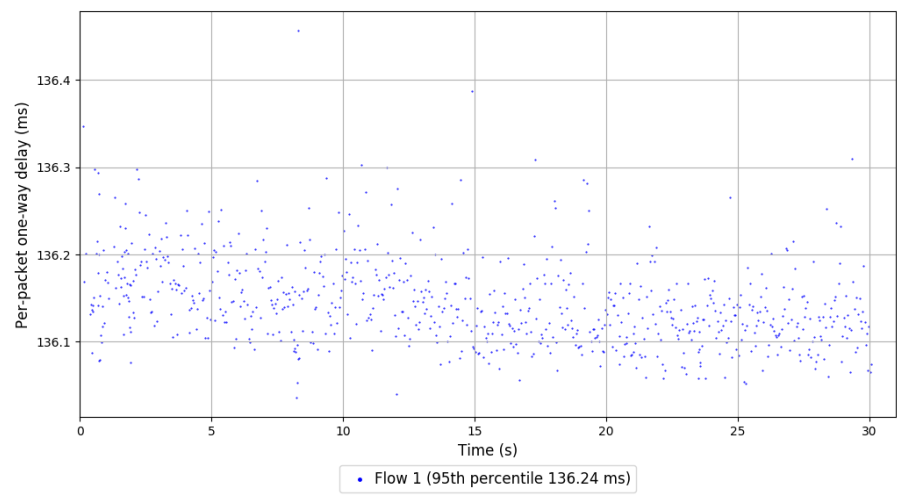
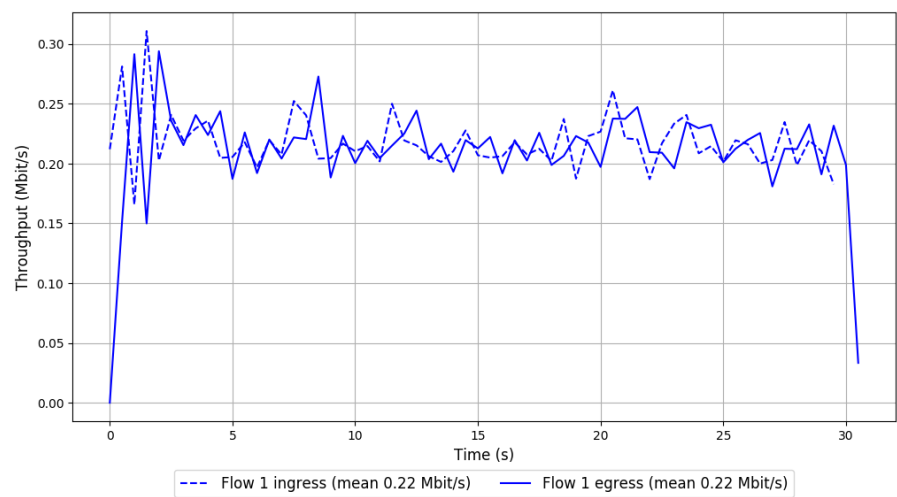


Run 8: Statistics of SCReAM

Start at: 2018-07-10 22:59:58
End at: 2018-07-10 23:00:28
Local clock offset: -0.043 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.236 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-07-10 23:23:08

End at: 2018-07-10 23:23:38

Local clock offset: 0.05 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.985 ms

Loss rate: 0.00%

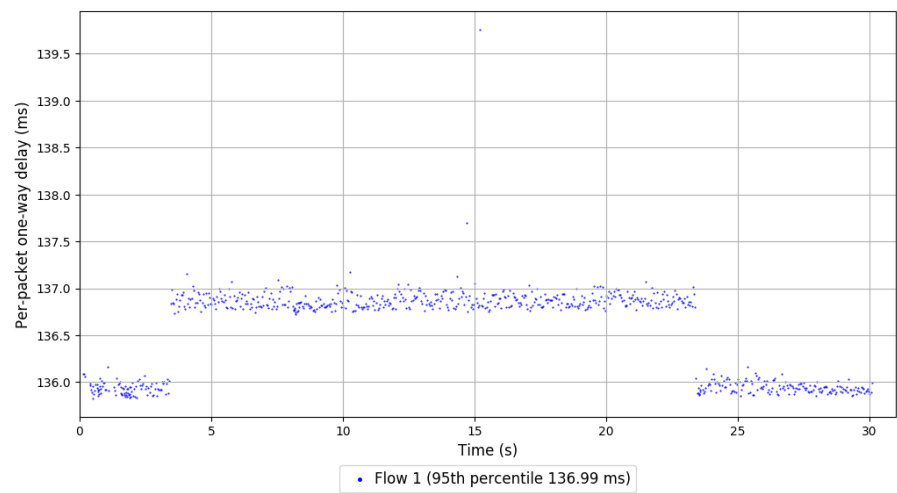
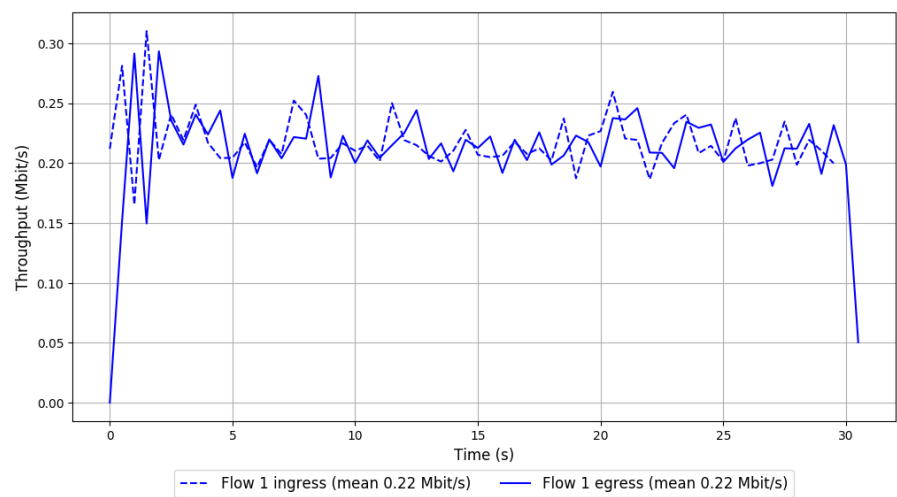
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.985 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-07-10 23:46:26

End at: 2018-07-10 23:46:56

Local clock offset: -0.18 ms

Remote clock offset: -0.122 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.656 ms

Loss rate: 0.00%

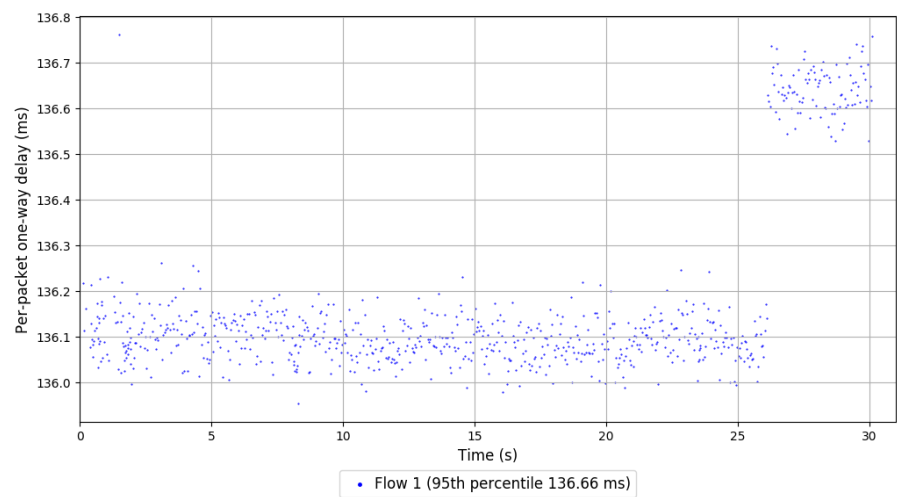
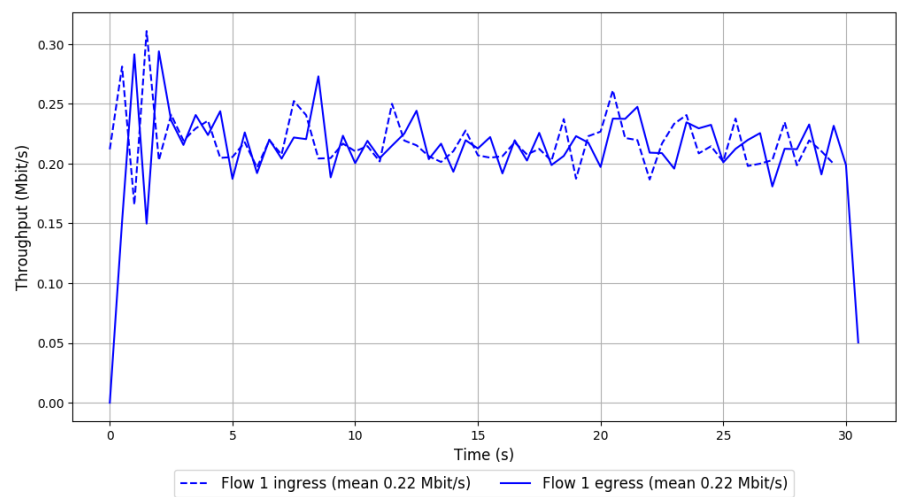
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.656 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

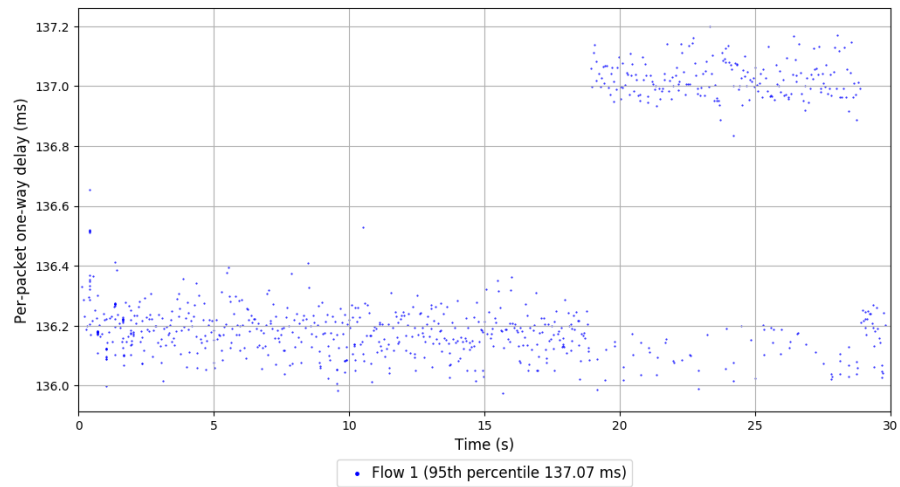
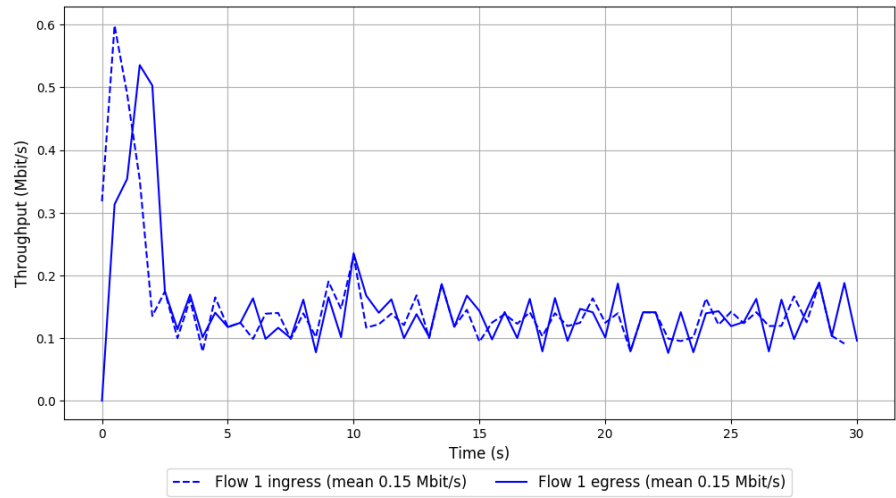


Run 1: Statistics of Sprout

Start at: 2018-07-10 20:29:52
End at: 2018-07-10 20:30:22
Local clock offset: -0.21 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 137.070 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 137.070 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

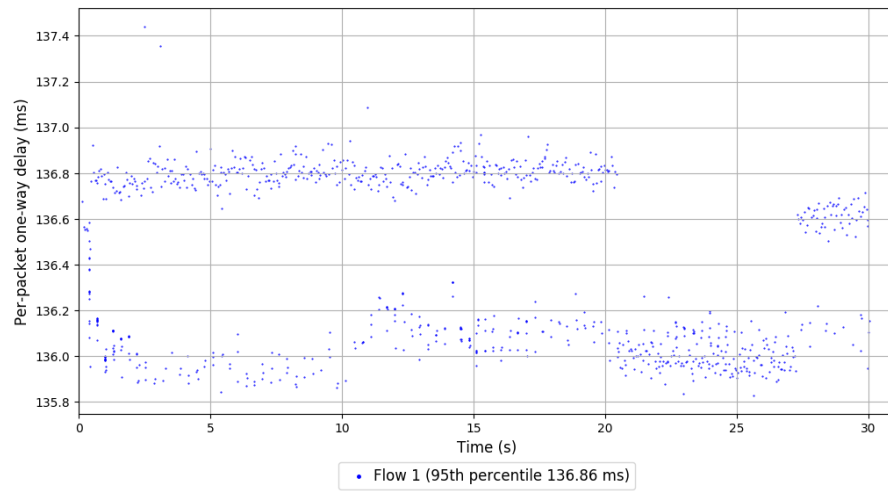
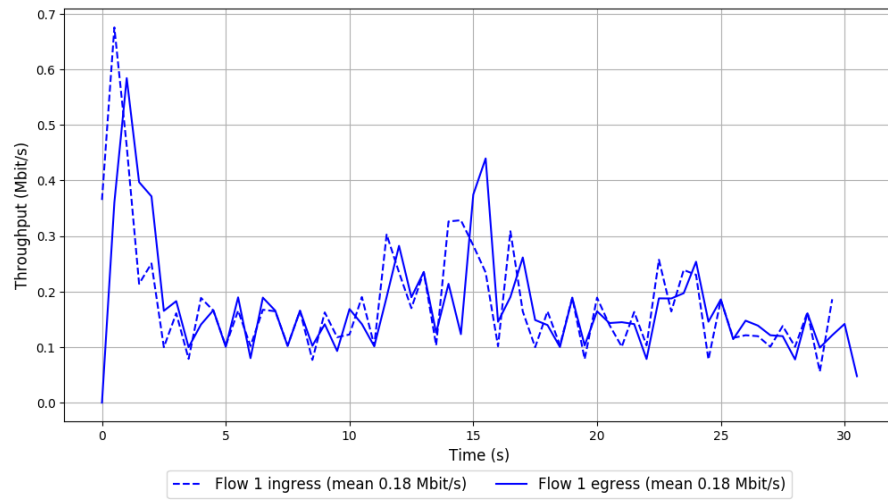


Run 2: Statistics of Sprout

Start at: 2018-07-10 20:53:01
End at: 2018-07-10 20:53:31
Local clock offset: -0.044 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.862 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.862 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

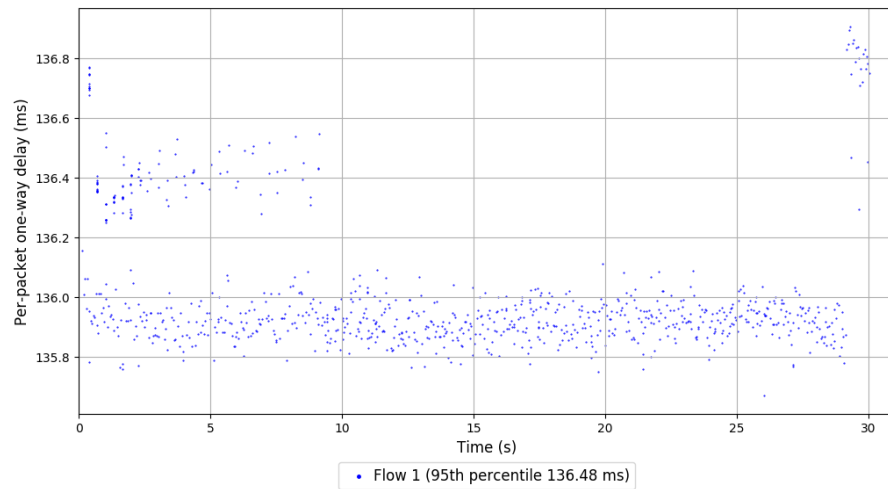
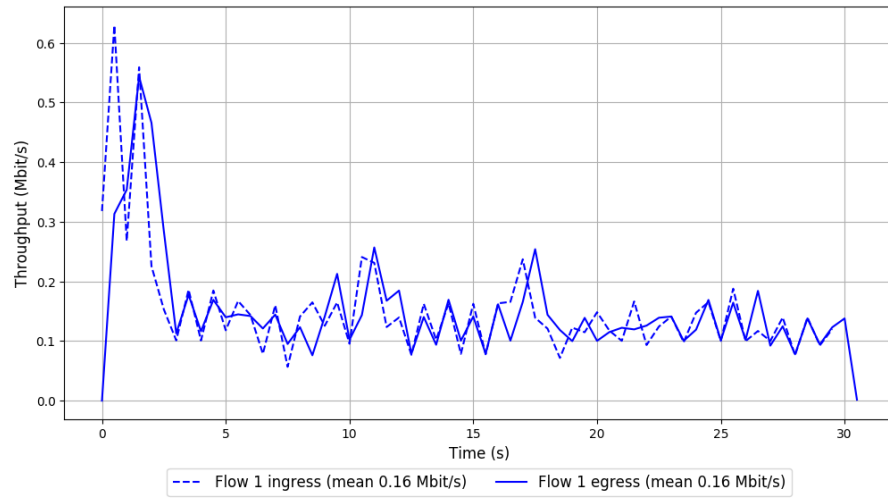


Run 3: Statistics of Sprout

Start at: 2018-07-10 21:16:12
End at: 2018-07-10 21:16:42
Local clock offset: 0.009 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.478 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.478 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

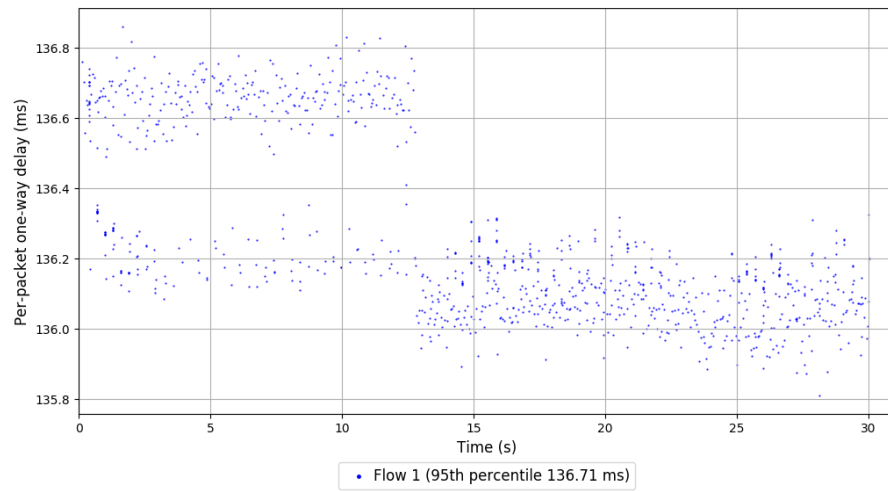
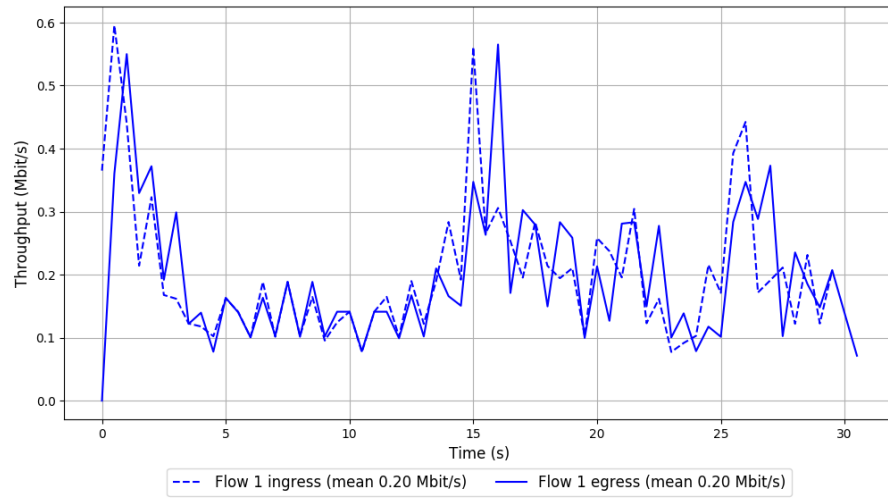


Run 4: Statistics of Sprout

Start at: 2018-07-10 21:39:39
End at: 2018-07-10 21:40:09
Local clock offset: -0.175 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.709 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-07-10 22:02:42

End at: 2018-07-10 22:03:12

Local clock offset: 0.03 ms

Remote clock offset: 0.295 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 137.076 ms

Loss rate: 0.00%

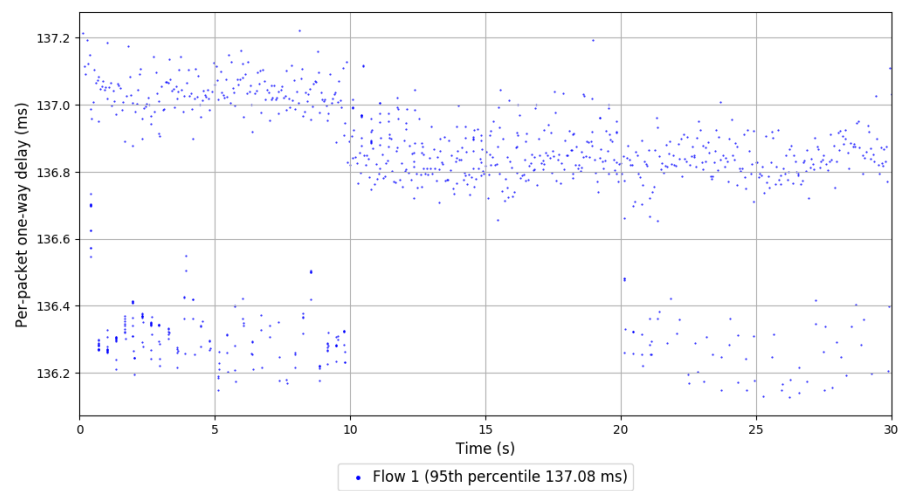
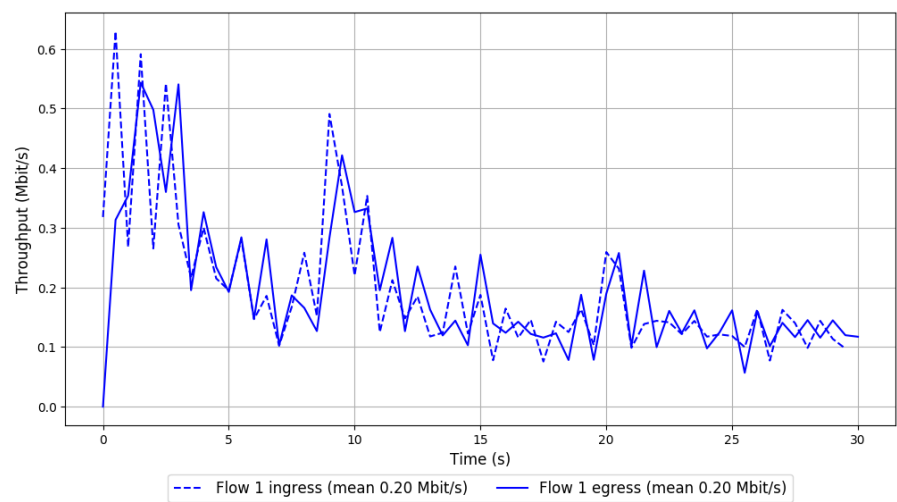
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 137.076 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

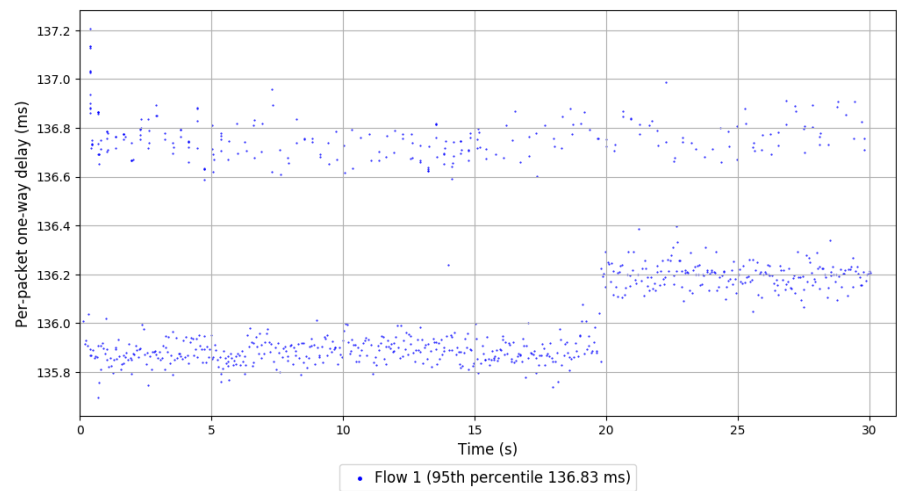
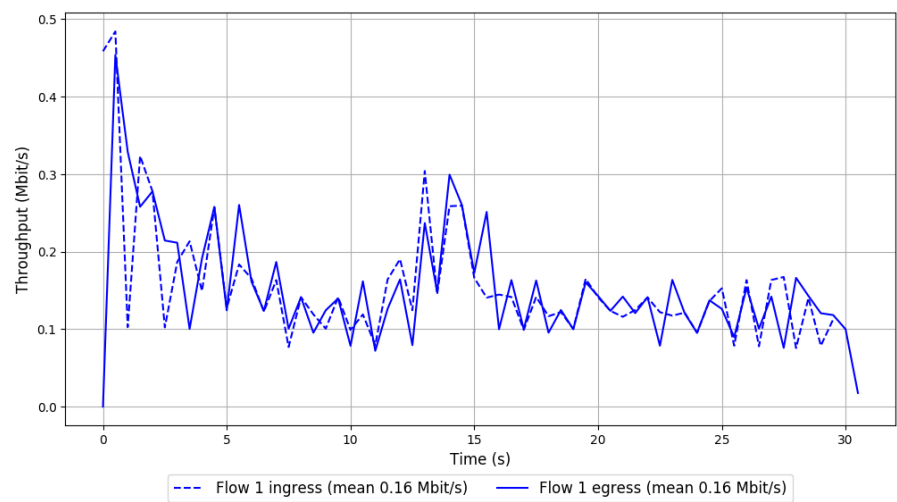


Run 6: Statistics of Sprout

Start at: 2018-07-10 22:25:32
End at: 2018-07-10 22:26:02
Local clock offset: -0.181 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.834 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

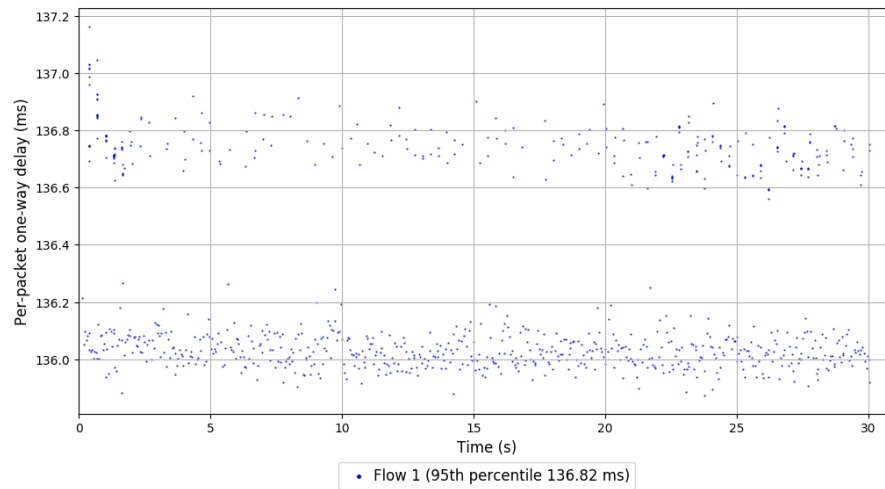
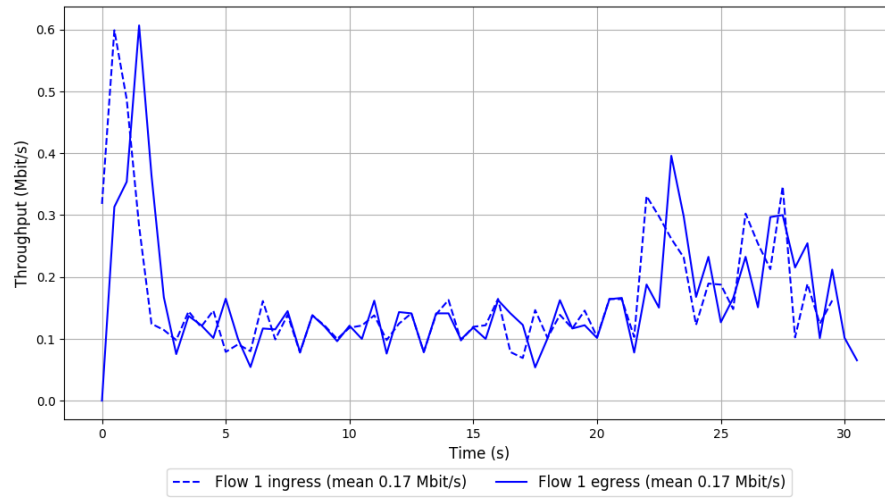


Run 7: Statistics of Sprout

Start at: 2018-07-10 22:48:56
End at: 2018-07-10 22:49:26
Local clock offset: -0.252 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.816 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-07-10 23:12:03

End at: 2018-07-10 23:12:33

Local clock offset: -0.086 ms

Remote clock offset: 0.324 ms

Below is generated by plot.py at 2018-07-11 01:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 137.159 ms

Loss rate: 0.00%

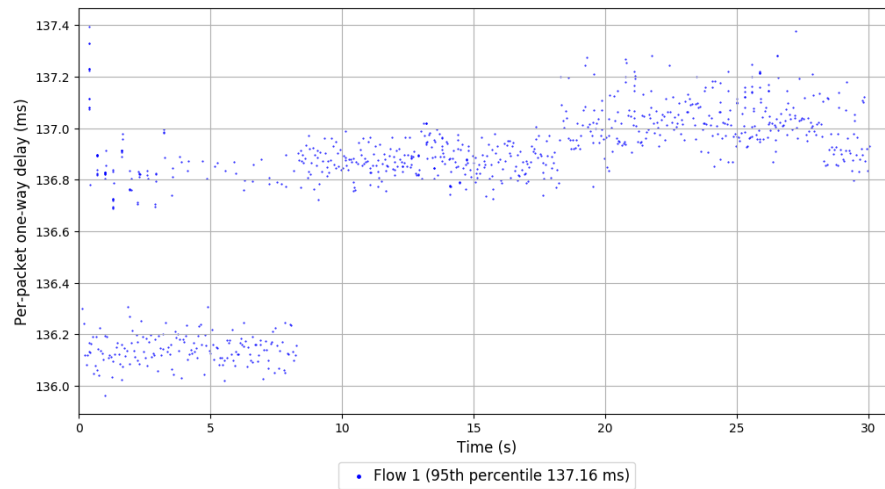
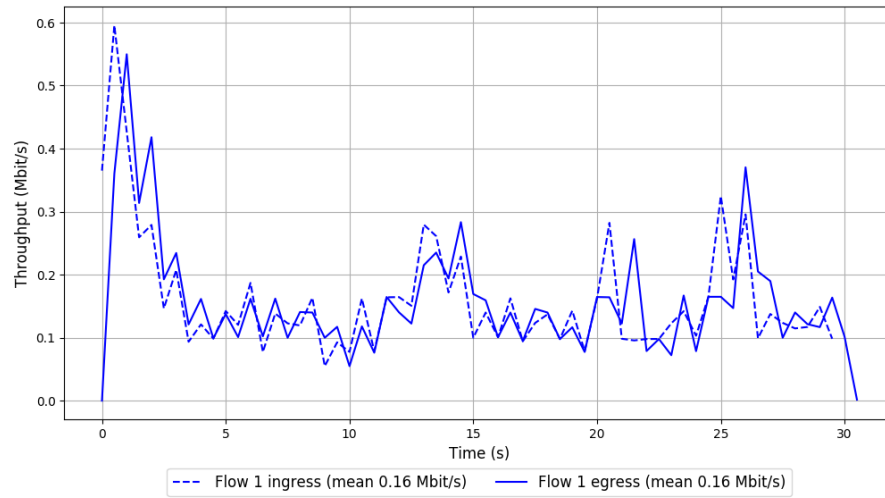
-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 137.159 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

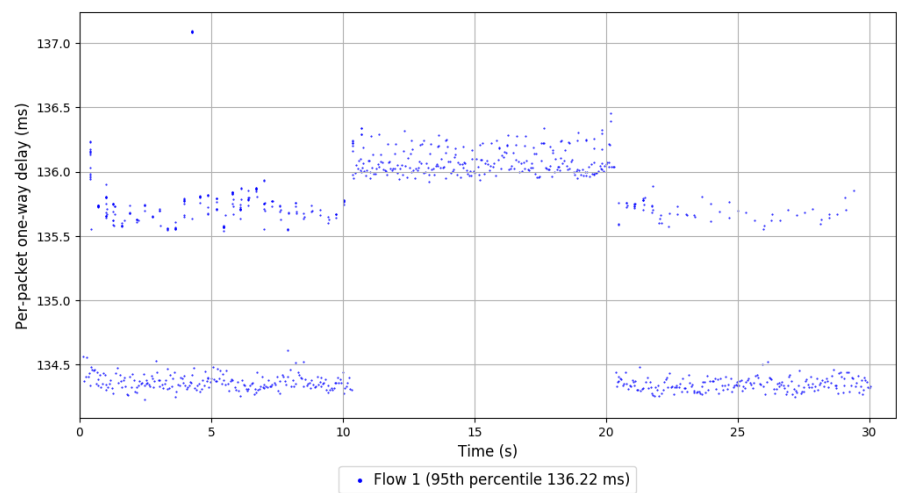
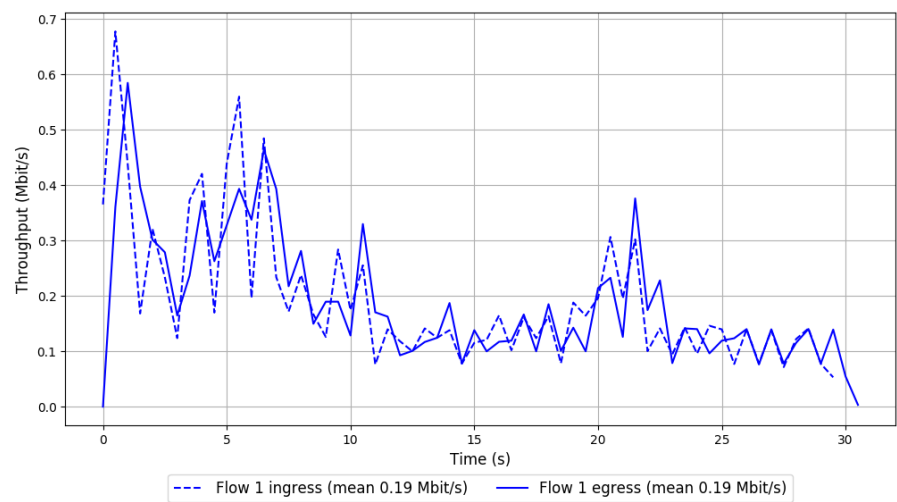


Run 9: Statistics of Sprout

Start at: 2018-07-10 23:35:21
End at: 2018-07-10 23:35:51
Local clock offset: -0.092 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.220 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

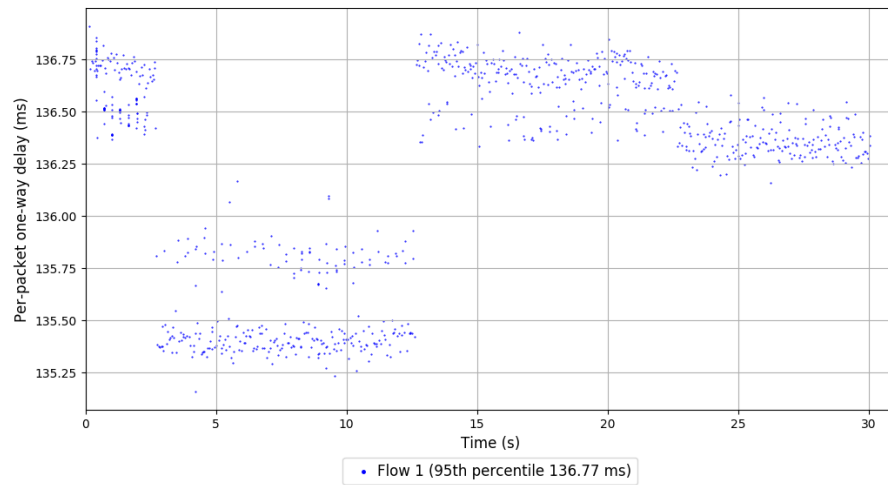
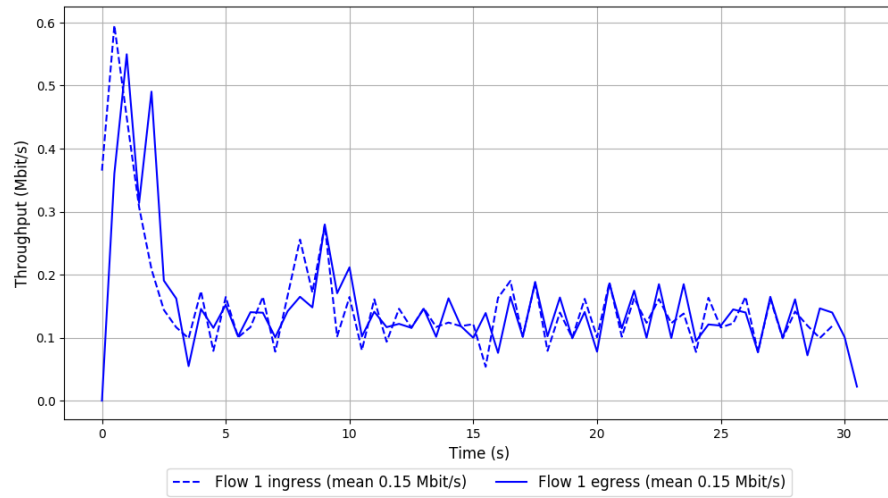


Run 10: Statistics of Sprout

Start at: 2018-07-10 23:58:09
End at: 2018-07-10 23:58:39
Local clock offset: -0.001 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2018-07-11 01:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.772 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

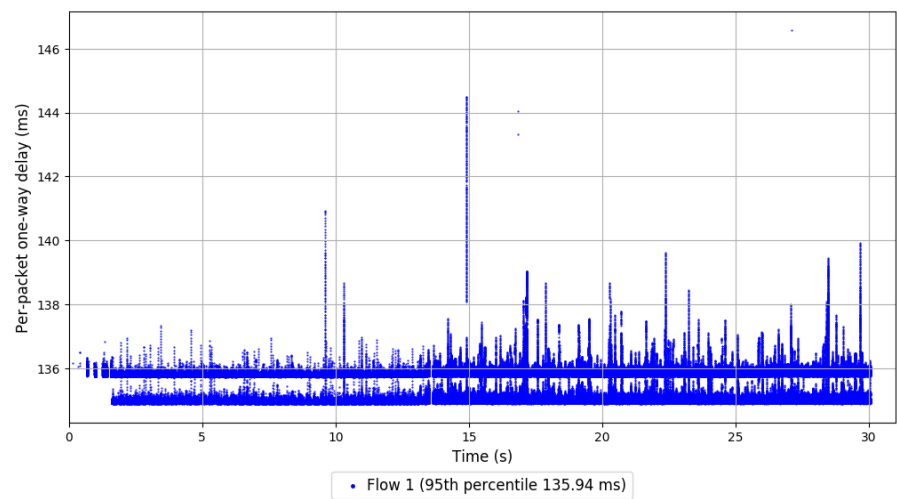
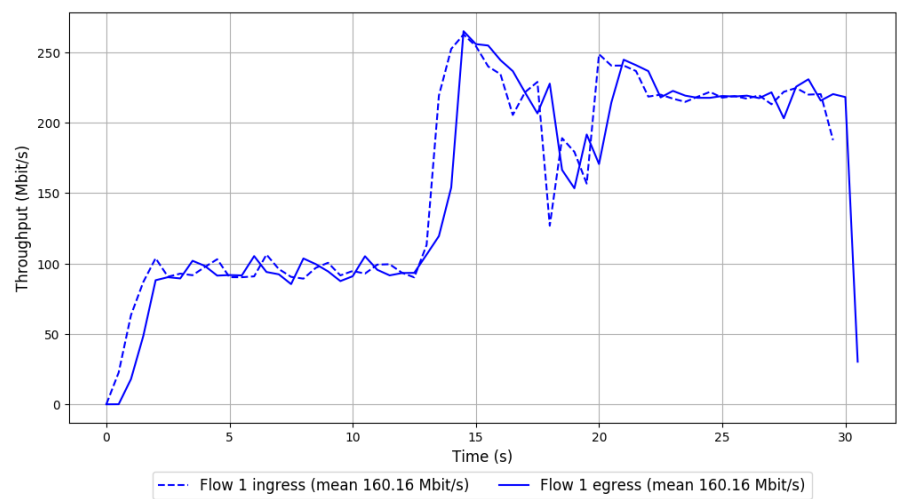


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 20:32:10
End at: 2018-07-10 20:32:40
Local clock offset: -0.065 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2018-07-11 01:35:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 160.16 Mbit/s
95th percentile per-packet one-way delay: 135.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 160.16 Mbit/s
95th percentile per-packet one-way delay: 135.940 ms
Loss rate: 0.00%
```

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

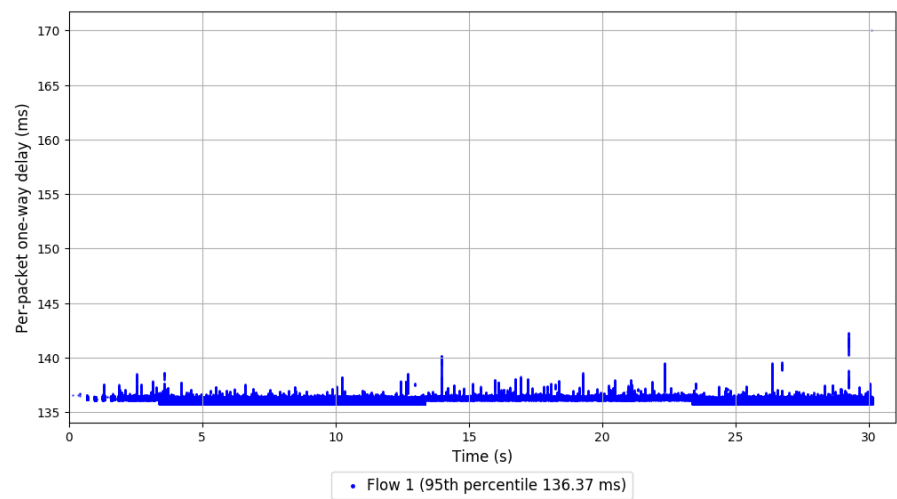
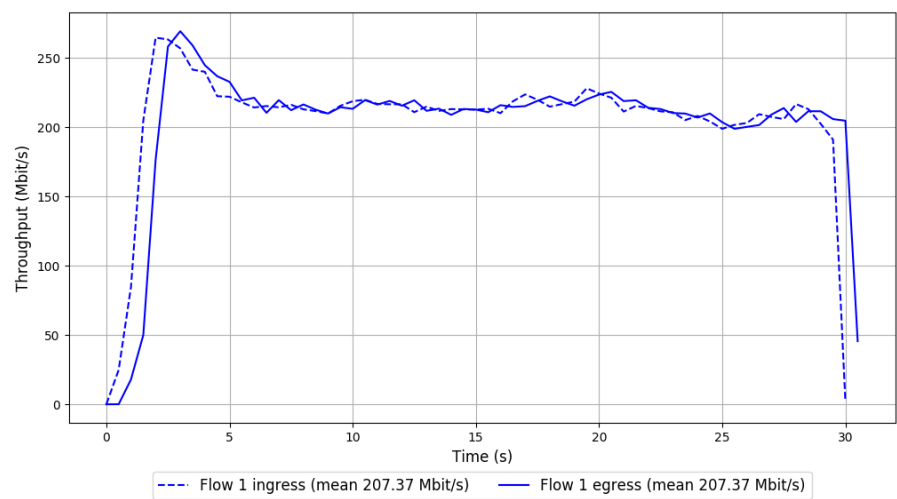


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 20:55:18
End at: 2018-07-10 20:55:48
Local clock offset: -0.045 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-07-11 01:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.37 Mbit/s
95th percentile per-packet one-way delay: 136.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.37 Mbit/s
95th percentile per-packet one-way delay: 136.373 ms
Loss rate: 0.00%

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

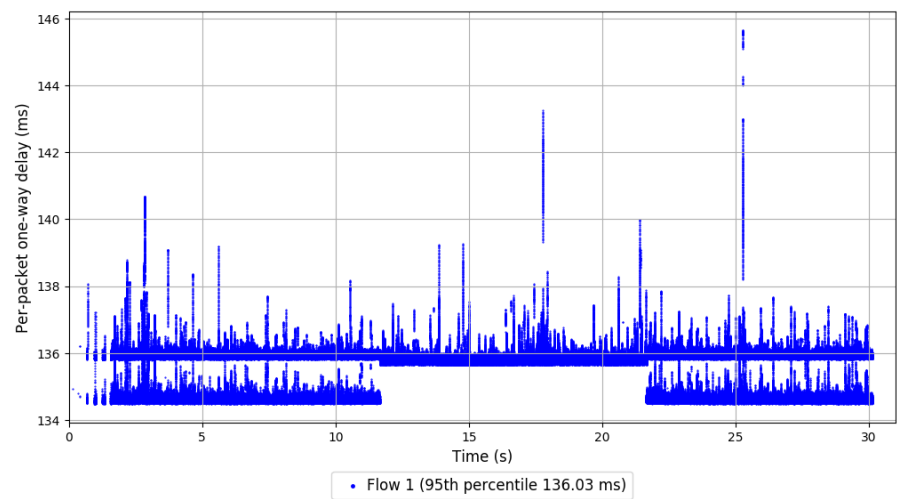
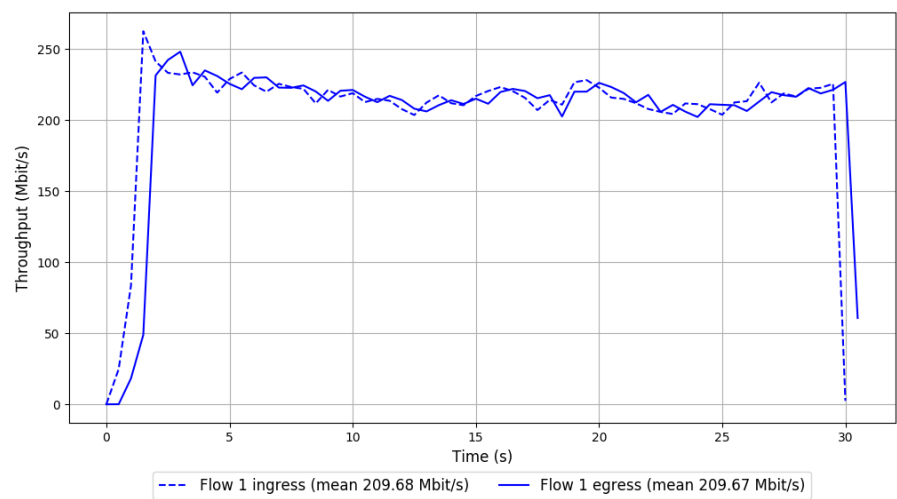


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 21:18:30
End at: 2018-07-10 21:19:00
Local clock offset: -0.009 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-07-11 01:36:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.67 Mbit/s
95th percentile per-packet one-way delay: 136.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.67 Mbit/s
95th percentile per-packet one-way delay: 136.026 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 21:41:56

End at: 2018-07-10 21:42:26

Local clock offset: 0.139 ms

Remote clock offset: 0.284 ms

Below is generated by plot.py at 2018-07-11 01:38:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 207.08 Mbit/s

95th percentile per-packet one-way delay: 136.291 ms

Loss rate: 0.00%

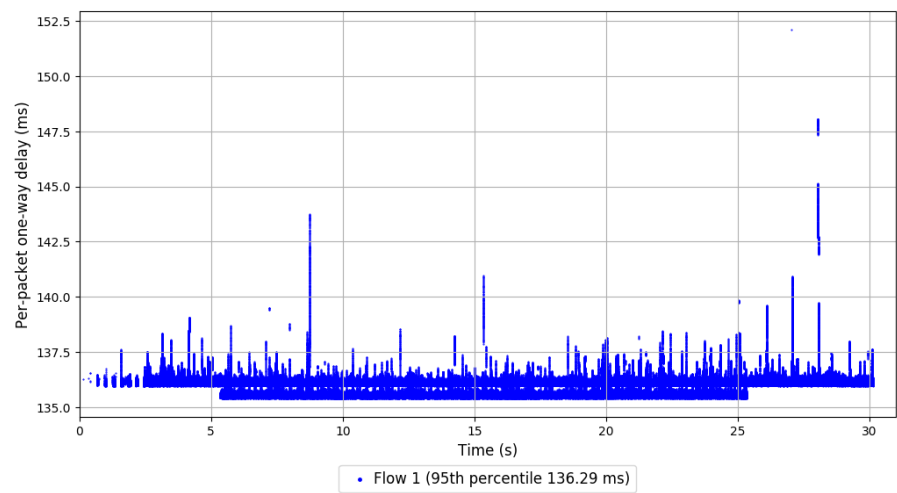
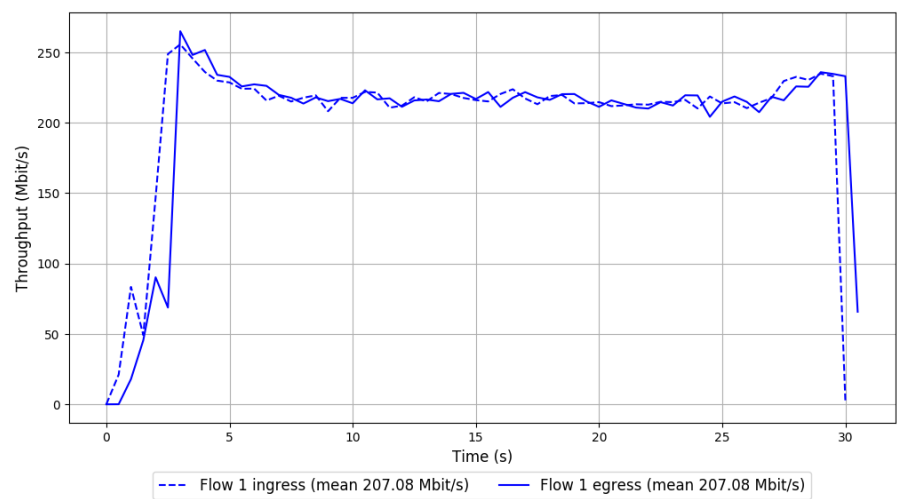
-- Flow 1:

Average throughput: 207.08 Mbit/s

95th percentile per-packet one-way delay: 136.291 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 22:04:59

End at: 2018-07-10 22:05:29

Local clock offset: 0.065 ms

Remote clock offset: 0.324 ms

Below is generated by plot.py at 2018-07-11 01:39:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.11 Mbit/s

95th percentile per-packet one-way delay: 136.884 ms

Loss rate: 0.00%

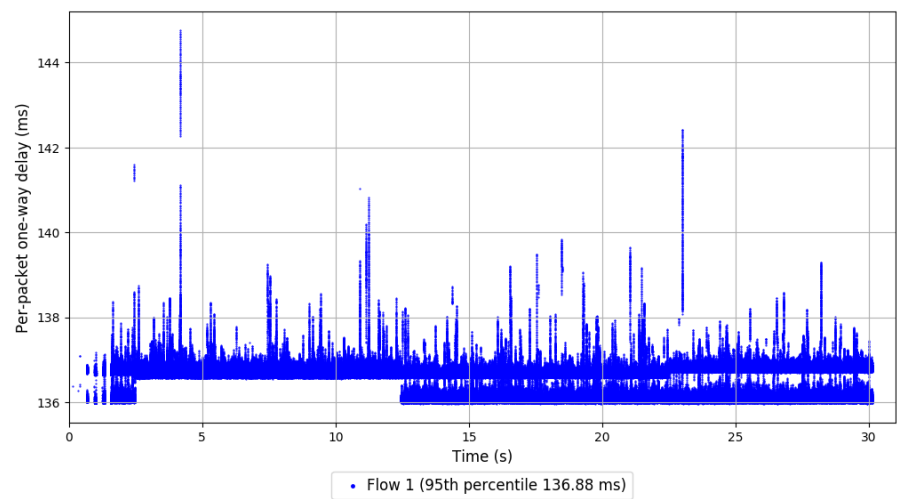
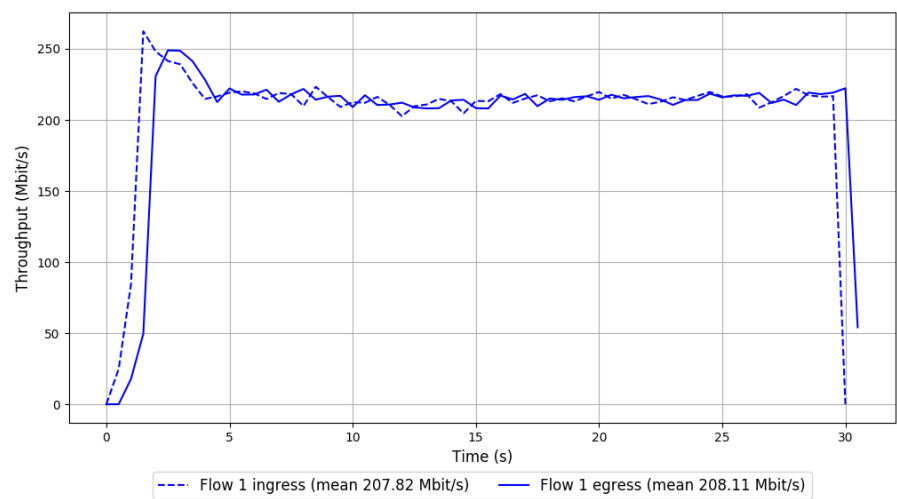
-- Flow 1:

Average throughput: 208.11 Mbit/s

95th percentile per-packet one-way delay: 136.884 ms

Loss rate: 0.00%

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

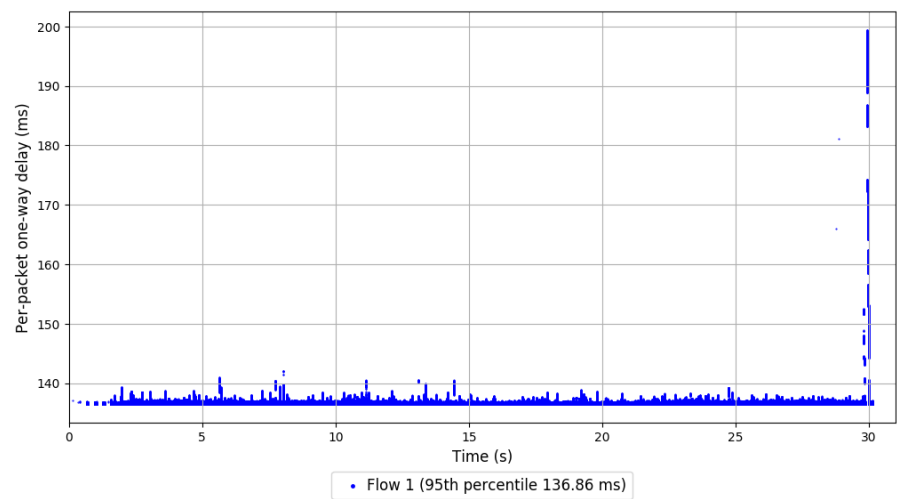
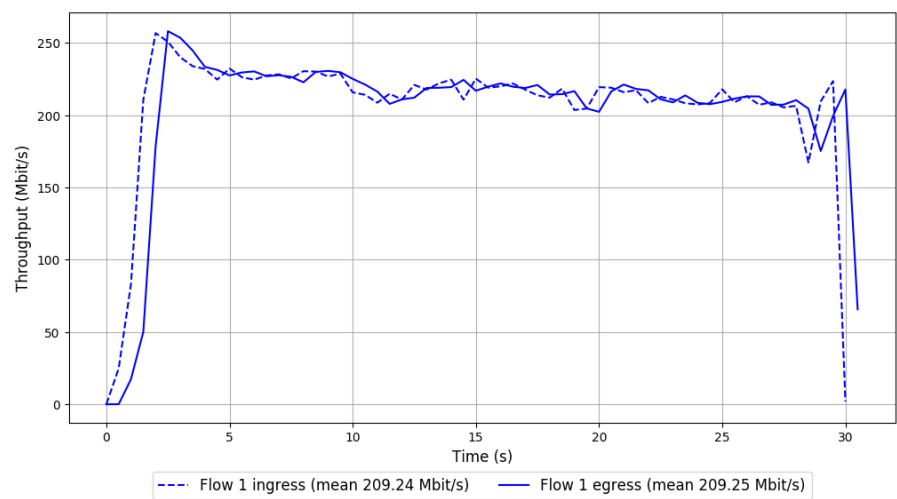


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 22:27:49
End at: 2018-07-10 22:28:19
Local clock offset: -0.255 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-11 01:41:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.25 Mbit/s
95th percentile per-packet one-way delay: 136.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.25 Mbit/s
95th percentile per-packet one-way delay: 136.861 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 22:51:13

End at: 2018-07-10 22:51:43

Local clock offset: -0.036 ms

Remote clock offset: 0.309 ms

Below is generated by plot.py at 2018-07-11 01:41:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 210.13 Mbit/s

95th percentile per-packet one-way delay: 137.014 ms

Loss rate: 0.00%

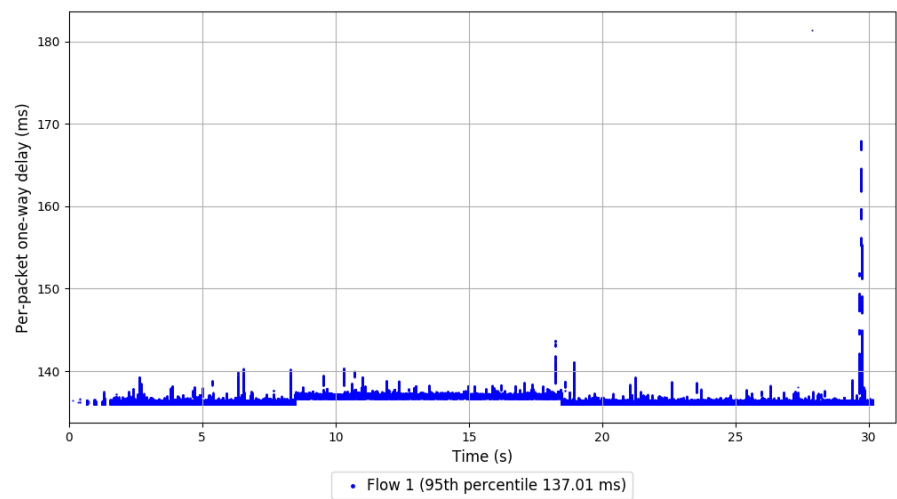
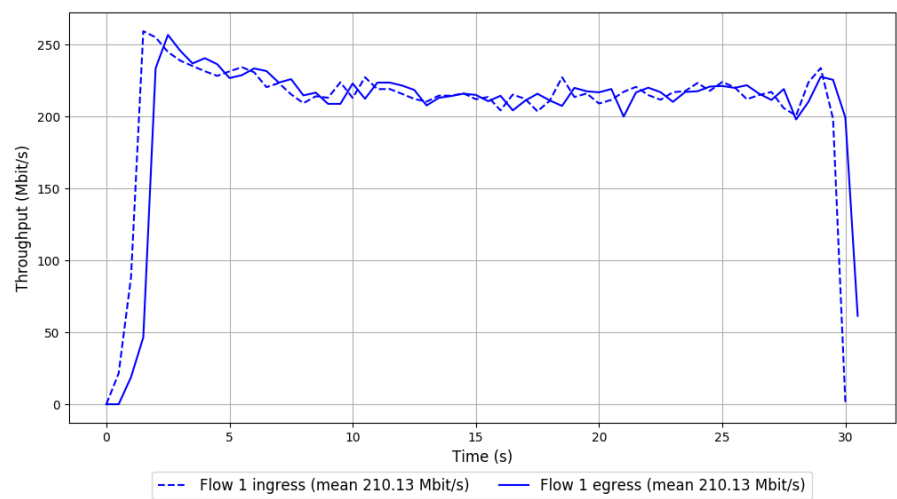
-- Flow 1:

Average throughput: 210.13 Mbit/s

95th percentile per-packet one-way delay: 137.014 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 23:14:21

End at: 2018-07-10 23:14:51

Local clock offset: 0.062 ms

Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 01:41:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 200.24 Mbit/s

95th percentile per-packet one-way delay: 136.429 ms

Loss rate: 0.00%

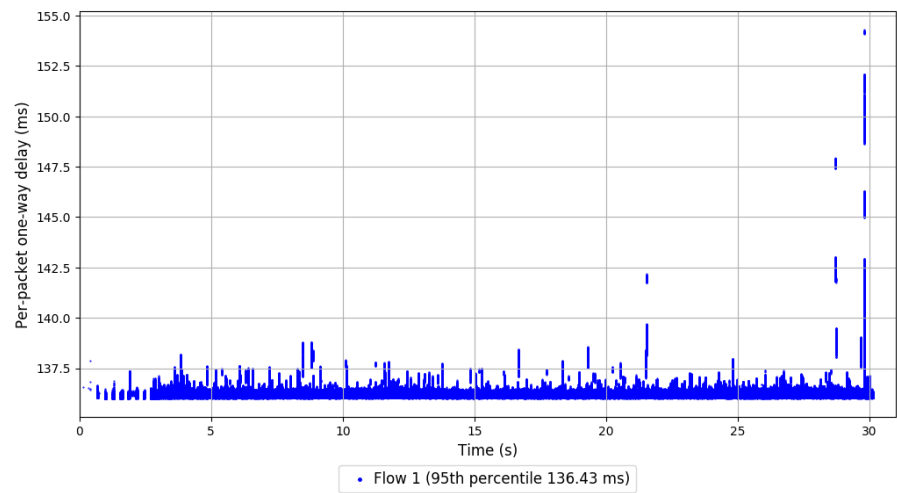
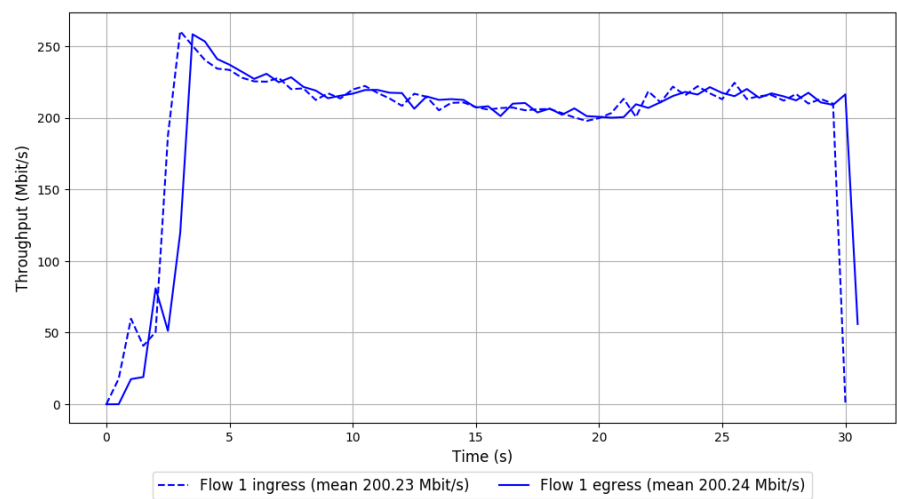
-- Flow 1:

Average throughput: 200.24 Mbit/s

95th percentile per-packet one-way delay: 136.429 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 23:37:39

End at: 2018-07-10 23:38:09

Local clock offset: -0.06 ms

Remote clock offset: 0.309 ms

Below is generated by plot.py at 2018-07-11 01:42:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.23 Mbit/s

95th percentile per-packet one-way delay: 136.923 ms

Loss rate: 0.00%

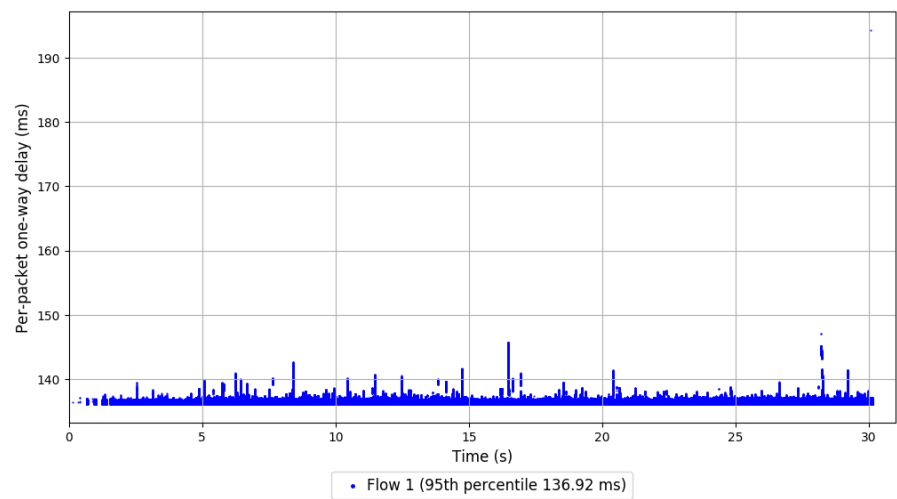
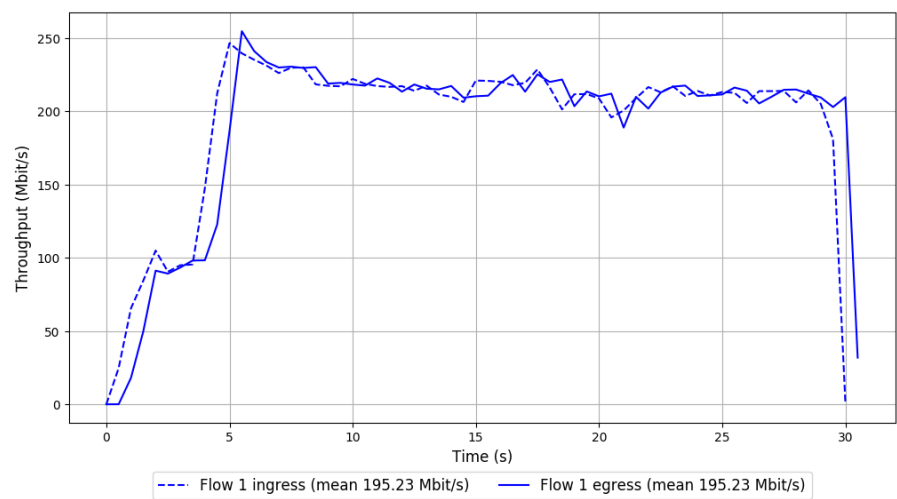
-- Flow 1:

Average throughput: 195.23 Mbit/s

95th percentile per-packet one-way delay: 136.923 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-11 00:00:26

End at: 2018-07-11 00:00:57

Local clock offset: -0.169 ms

Remote clock offset: -0.479 ms

Below is generated by plot.py at 2018-07-11 01:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.09 Mbit/s

95th percentile per-packet one-way delay: 136.331 ms

Loss rate: 0.00%

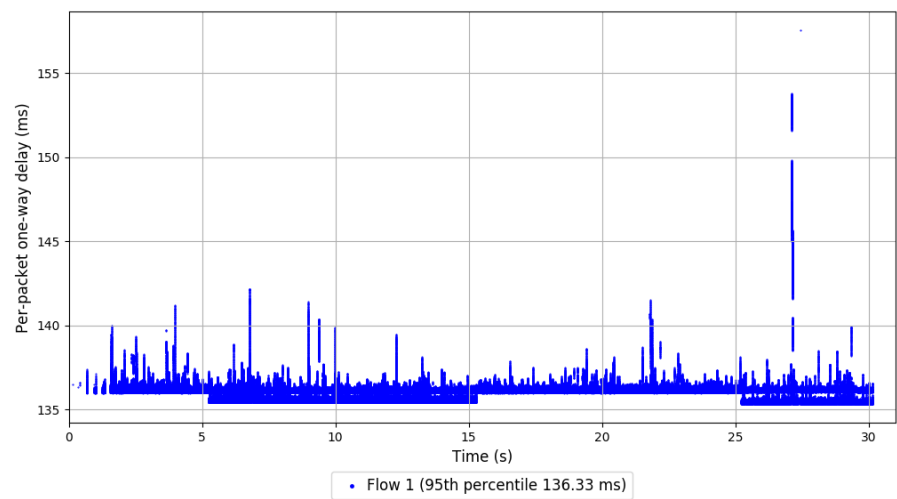
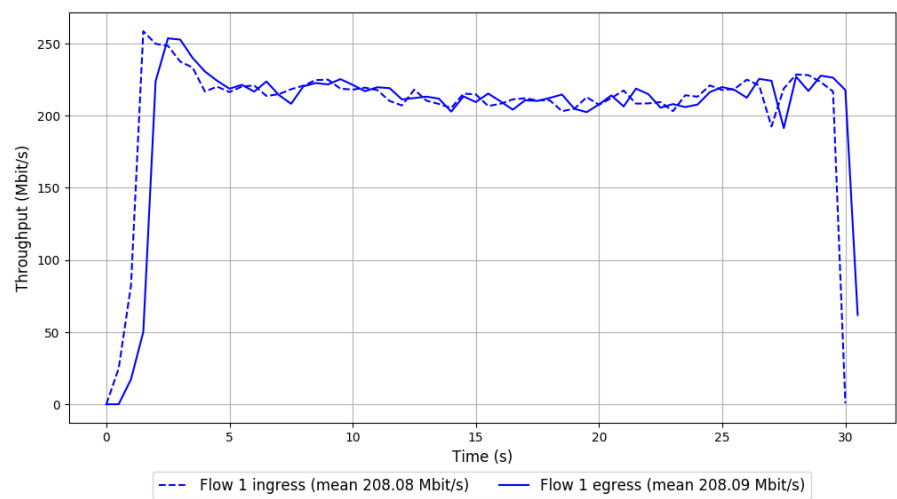
-- Flow 1:

Average throughput: 208.09 Mbit/s

95th percentile per-packet one-way delay: 136.331 ms

Loss rate: 0.00%

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

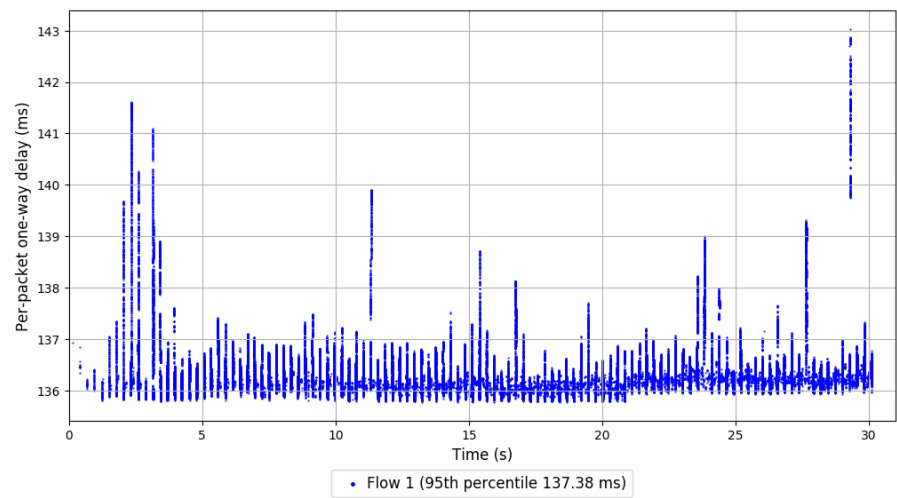
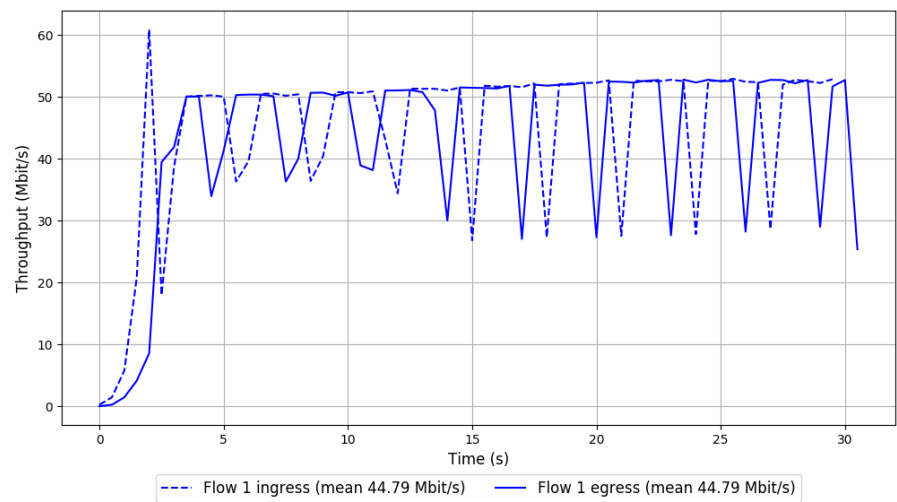


Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 20:28:41
End at: 2018-07-10 20:29:11
Local clock offset: -0.16 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 137.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 137.379 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

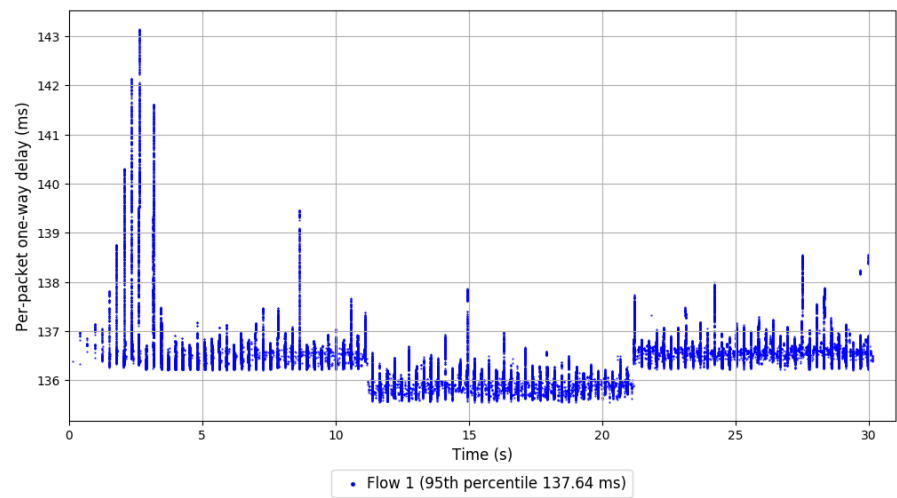
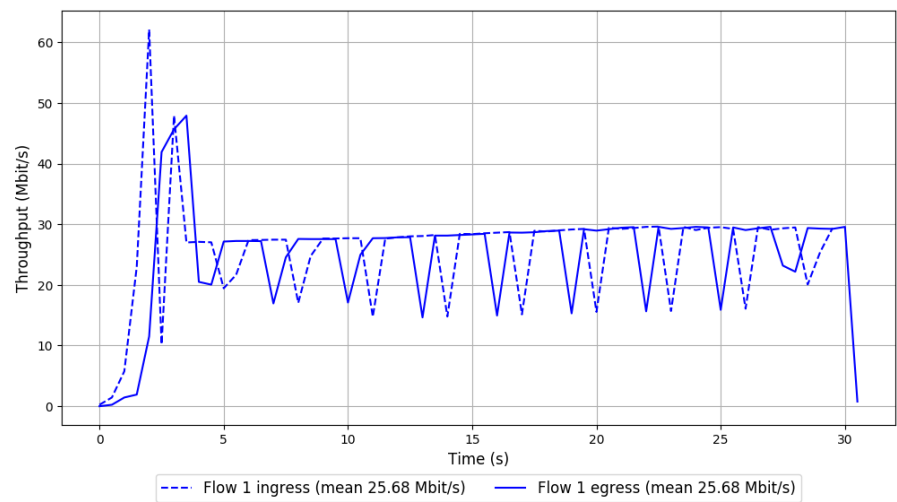


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 20:51:50
End at: 2018-07-10 20:52:20
Local clock offset: 0.105 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 137.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 137.640 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

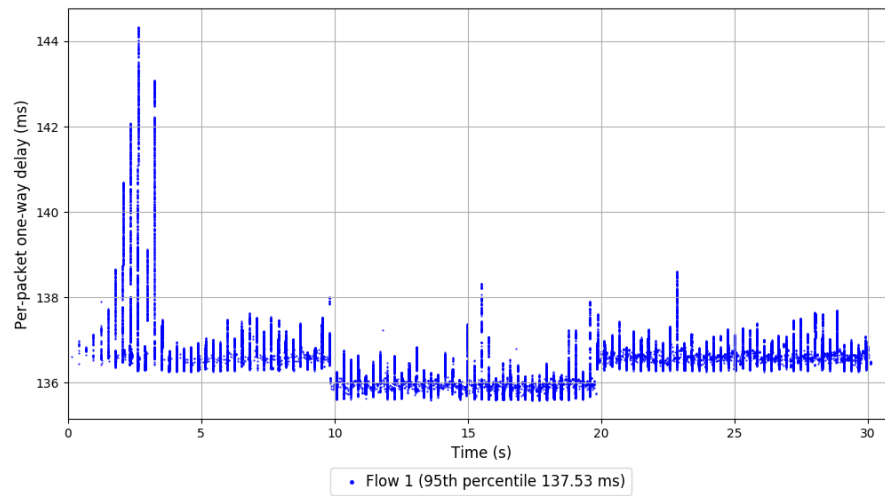
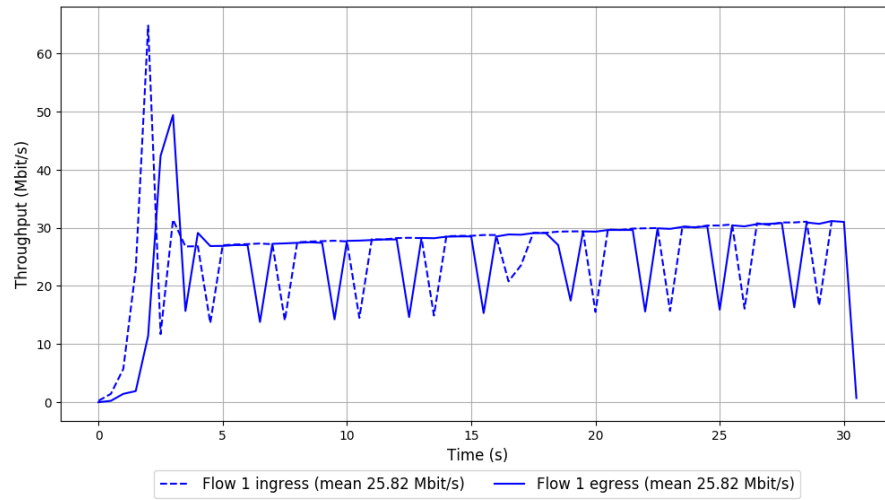


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 21:15:02
End at: 2018-07-10 21:15:32
Local clock offset: 0.056 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.82 Mbit/s
95th percentile per-packet one-way delay: 137.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.82 Mbit/s
95th percentile per-packet one-way delay: 137.530 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

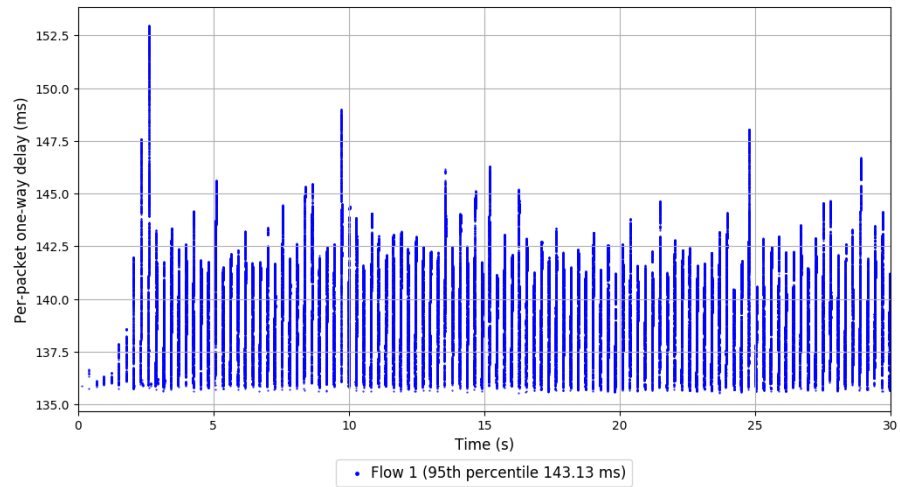
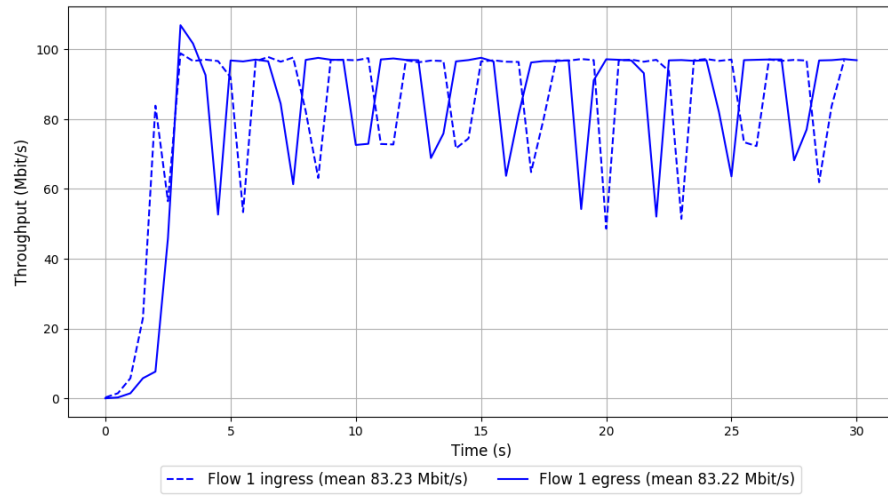


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 21:38:25
End at: 2018-07-10 21:38:55
Local clock offset: 0.076 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.22 Mbit/s
95th percentile per-packet one-way delay: 143.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.22 Mbit/s
95th percentile per-packet one-way delay: 143.130 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

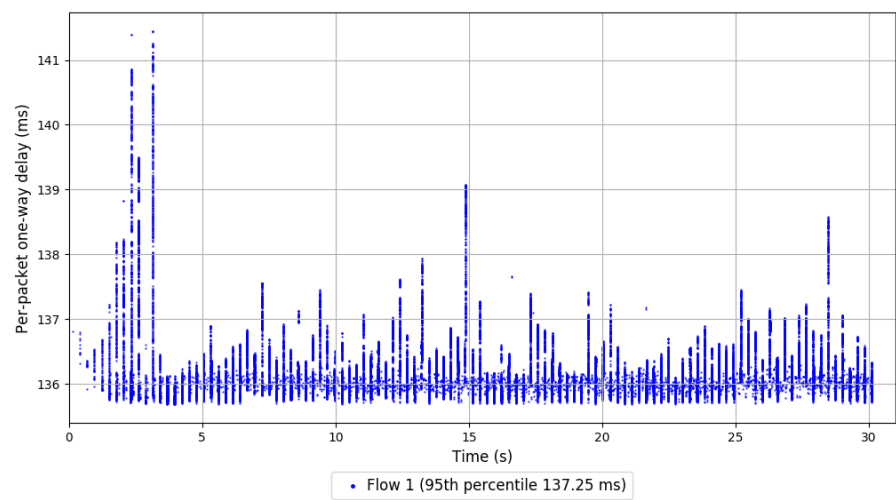
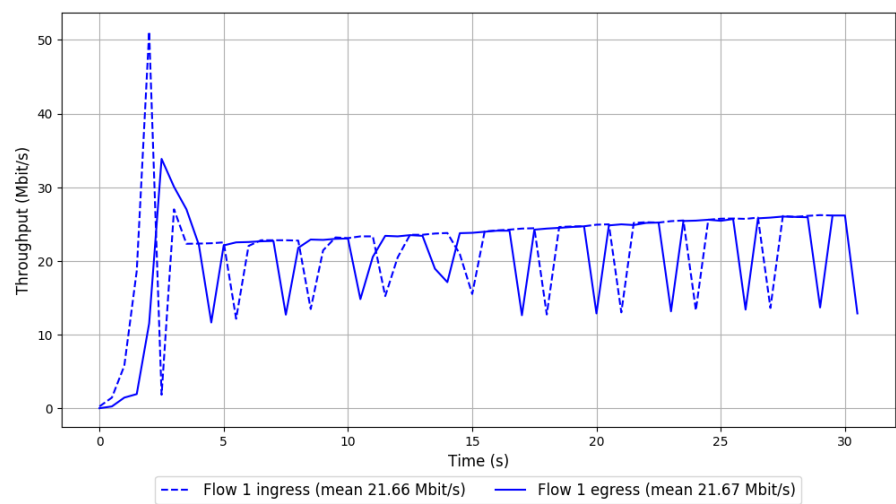


Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 22:01:31
End at: 2018-07-10 22:02:01
Local clock offset: -0.014 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 137.249 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 137.249 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

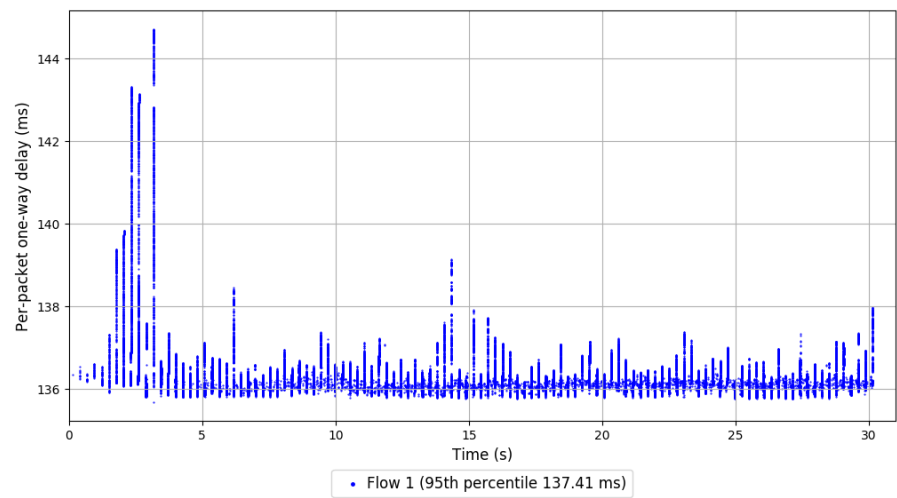
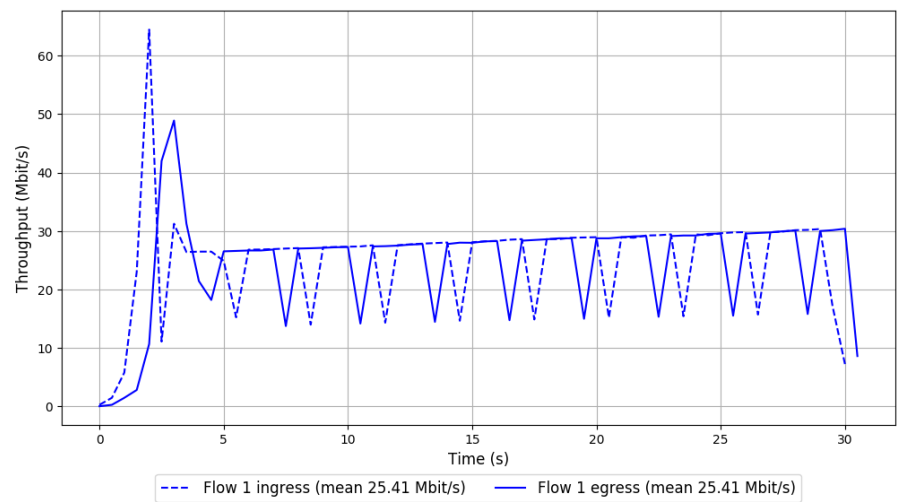


Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 22:24:21
End at: 2018-07-10 22:24:51
Local clock offset: 0.132 ms
Remote clock offset: -0.447 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 137.415 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 137.415 ms
Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link

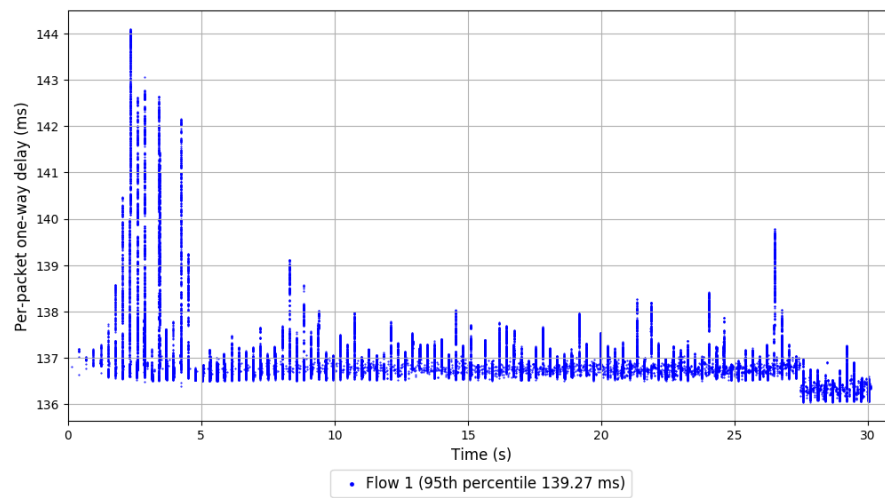
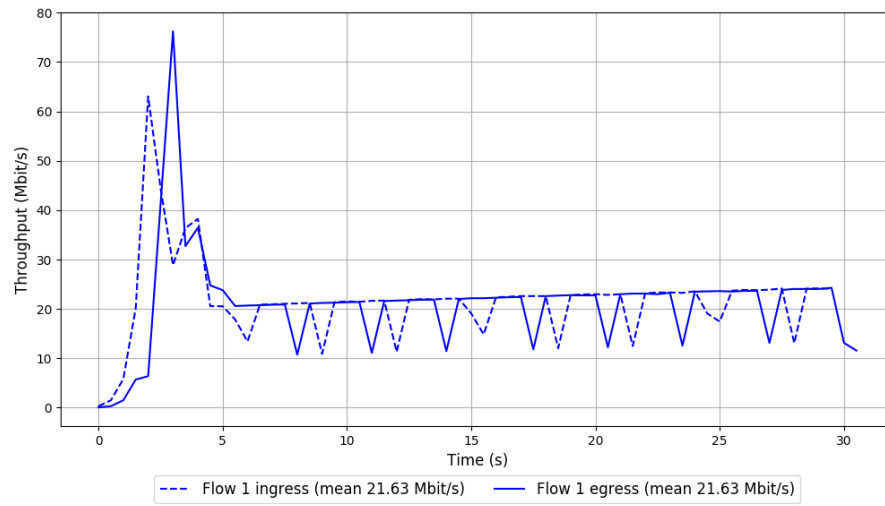


Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 22:47:45
End at: 2018-07-10 22:48:15
Local clock offset: -0.201 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 139.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 139.273 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

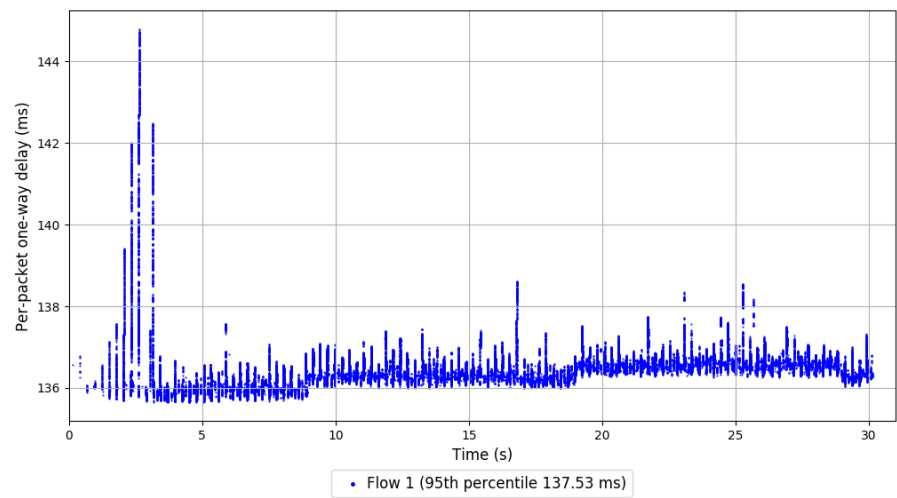
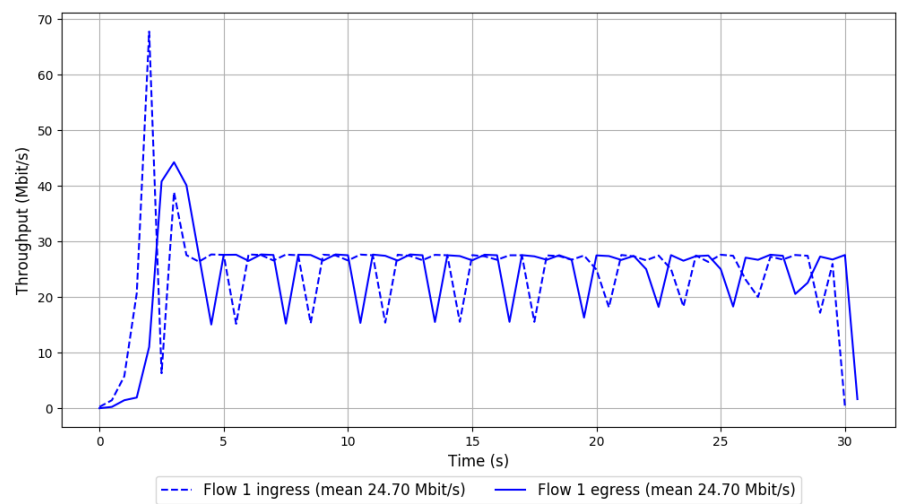


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 23:10:53
End at: 2018-07-10 23:11:23
Local clock offset: 0.059 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 137.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 137.525 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

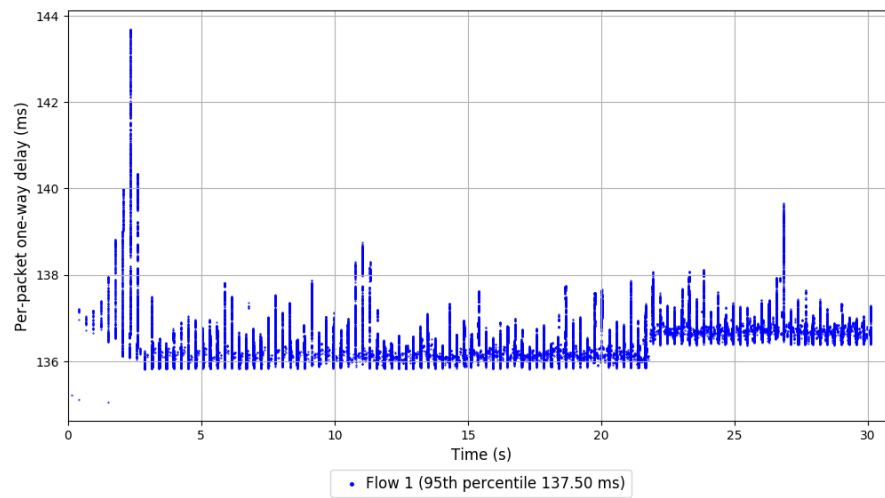
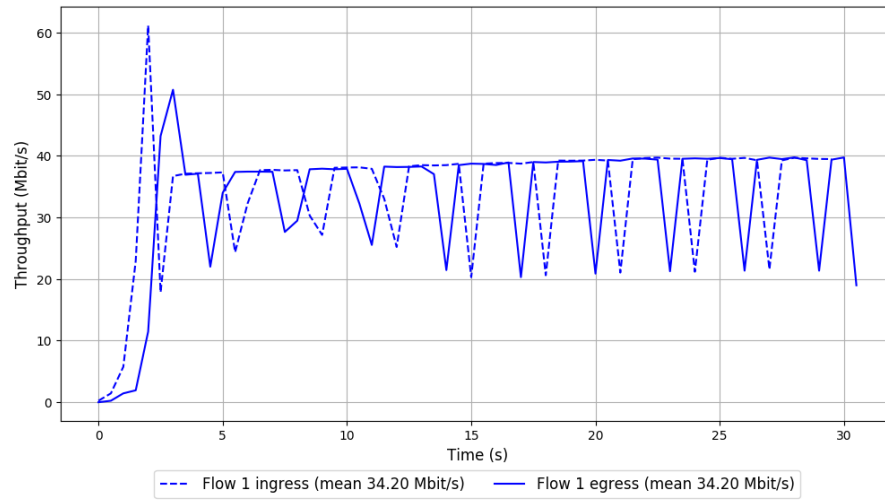


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 23:34:10
End at: 2018-07-10 23:34:40
Local clock offset: -0.129 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 137.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 137.497 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

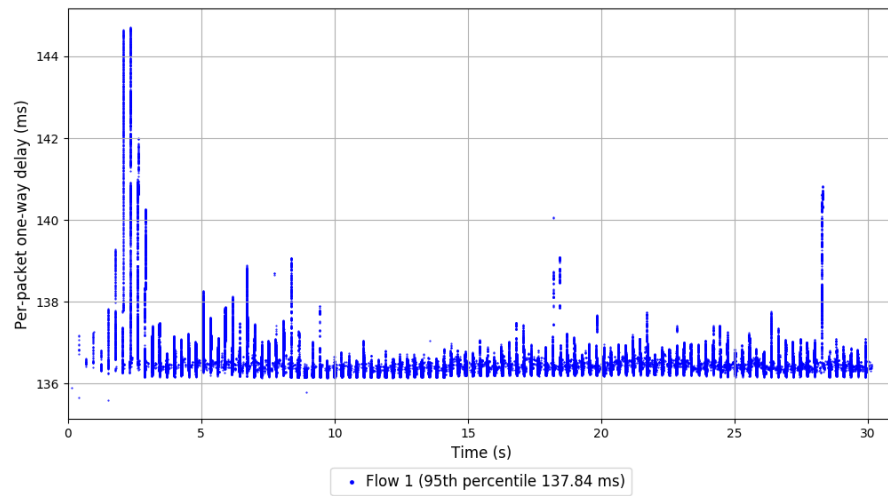
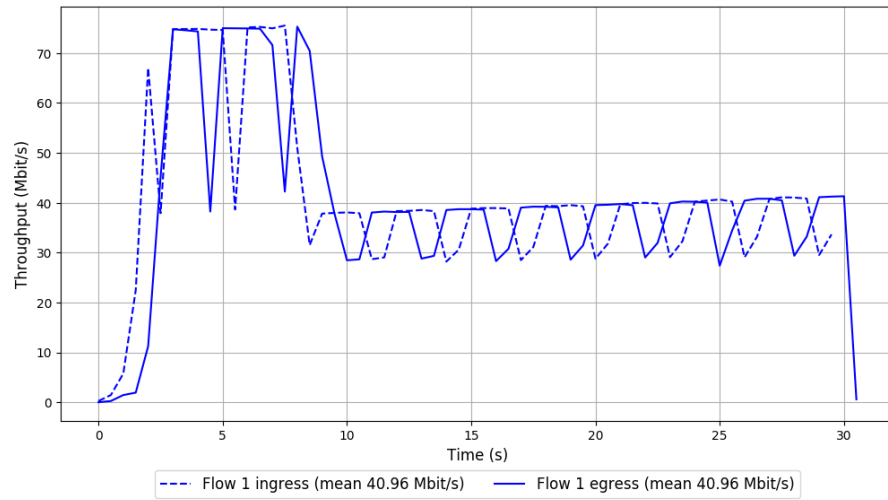


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 23:56:57
End at: 2018-07-10 23:57:28
Local clock offset: -0.302 ms
Remote clock offset: -0.464 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.96 Mbit/s
95th percentile per-packet one-way delay: 137.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.96 Mbit/s
95th percentile per-packet one-way delay: 137.844 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

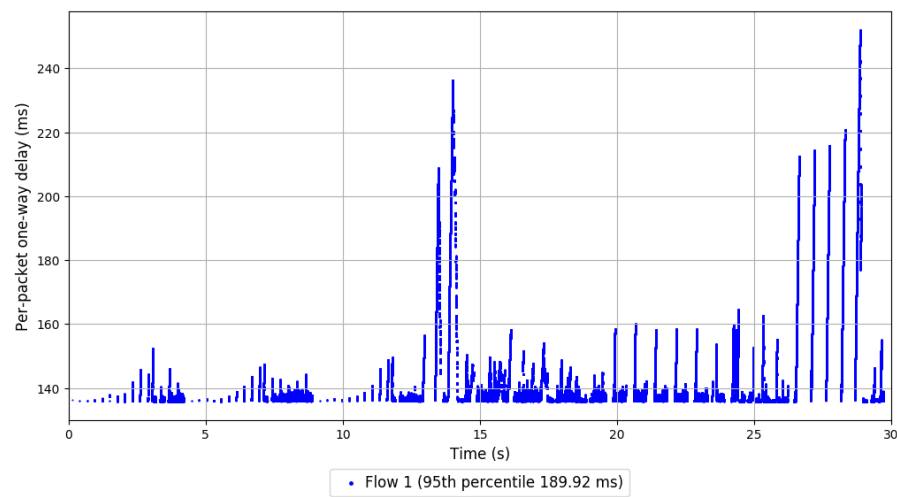
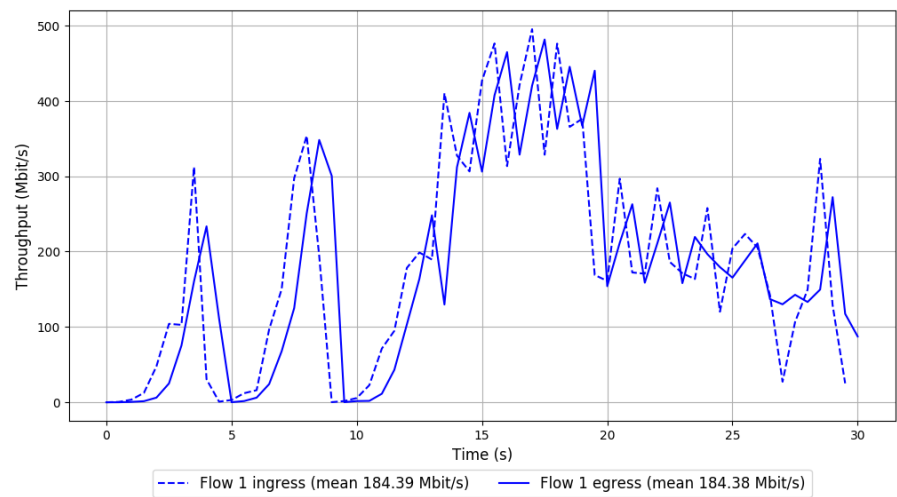


Run 1: Statistics of Verus

Start at: 2018-07-10 20:36:56
End at: 2018-07-10 20:37:26
Local clock offset: -0.038 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-07-11 01:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 184.38 Mbit/s
95th percentile per-packet one-way delay: 189.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.38 Mbit/s
95th percentile per-packet one-way delay: 189.919 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-07-10 21:00:08

End at: 2018-07-10 21:00:38

Local clock offset: -0.145 ms

Remote clock offset: 0.288 ms

Below is generated by plot.py at 2018-07-11 01:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 141.32 Mbit/s

95th percentile per-packet one-way delay: 151.645 ms

Loss rate: 0.00%

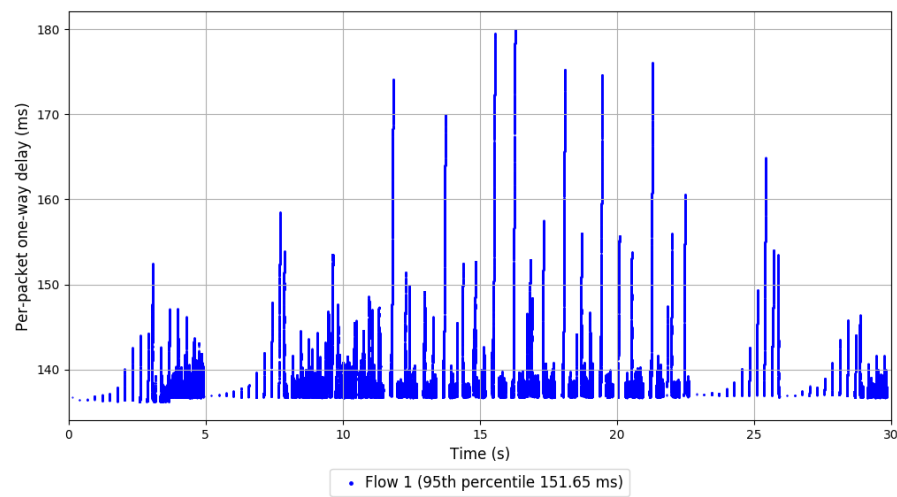
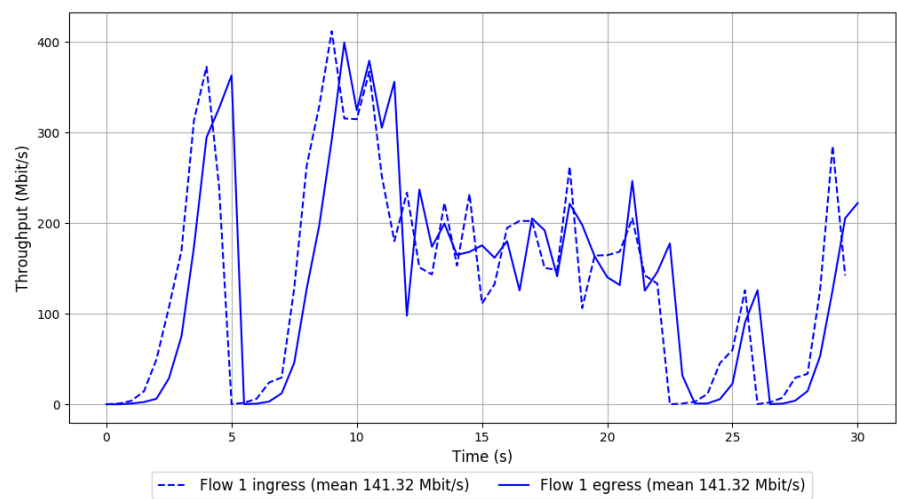
-- Flow 1:

Average throughput: 141.32 Mbit/s

95th percentile per-packet one-way delay: 151.645 ms

Loss rate: 0.00%

Run 2: Report of Verus — Data Link

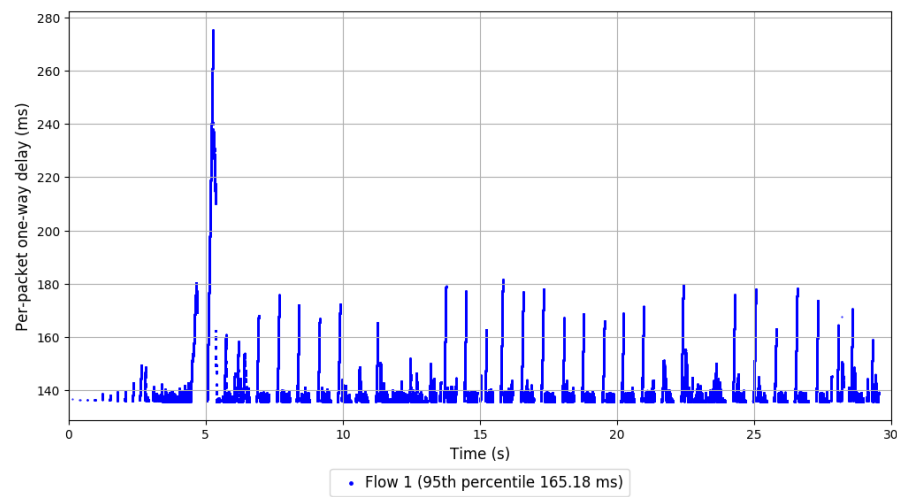
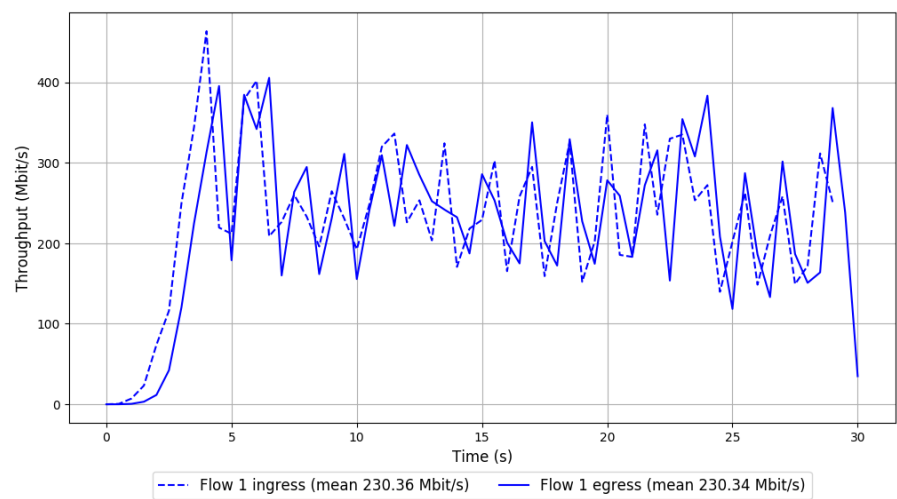


Run 3: Statistics of Verus

Start at: 2018-07-10 21:23:18
End at: 2018-07-10 21:23:48
Local clock offset: -0.006 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-11 01:44:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 230.34 Mbit/s
95th percentile per-packet one-way delay: 165.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 230.34 Mbit/s
95th percentile per-packet one-way delay: 165.184 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-07-10 21:46:48

End at: 2018-07-10 21:47:18

Local clock offset: -0.005 ms

Remote clock offset: 0.244 ms

Below is generated by plot.py at 2018-07-11 01:44:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 183.87 Mbit/s

95th percentile per-packet one-way delay: 216.161 ms

Loss rate: 0.09%

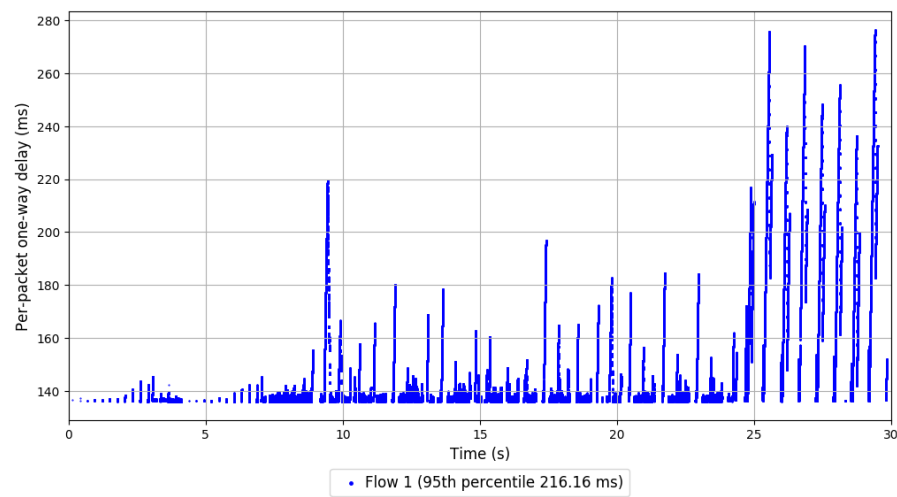
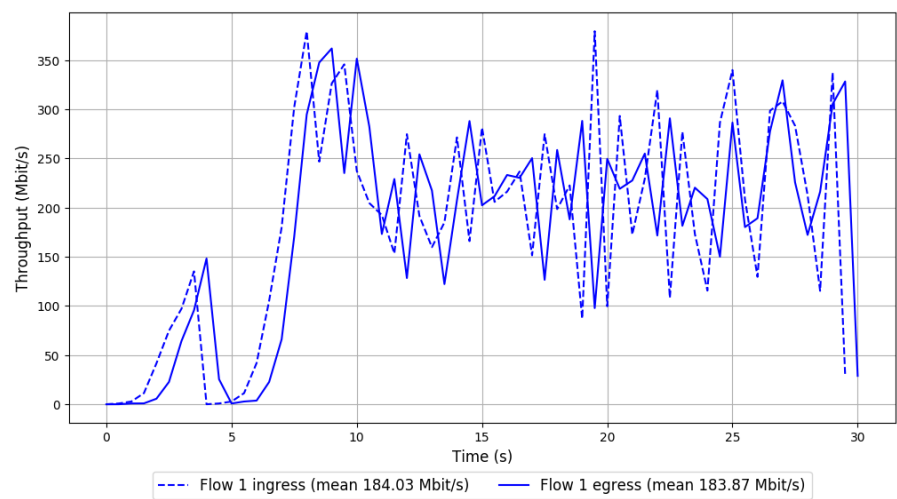
-- Flow 1:

Average throughput: 183.87 Mbit/s

95th percentile per-packet one-way delay: 216.161 ms

Loss rate: 0.09%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-07-10 22:09:47

End at: 2018-07-10 22:10:17

Local clock offset: -0.037 ms

Remote clock offset: 0.289 ms

Below is generated by plot.py at 2018-07-11 01:44:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.94 Mbit/s

95th percentile per-packet one-way delay: 175.042 ms

Loss rate: 0.01%

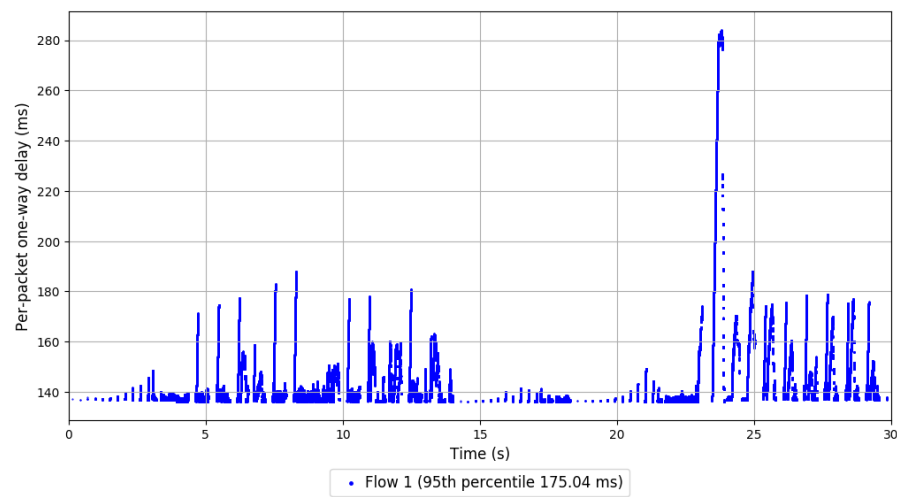
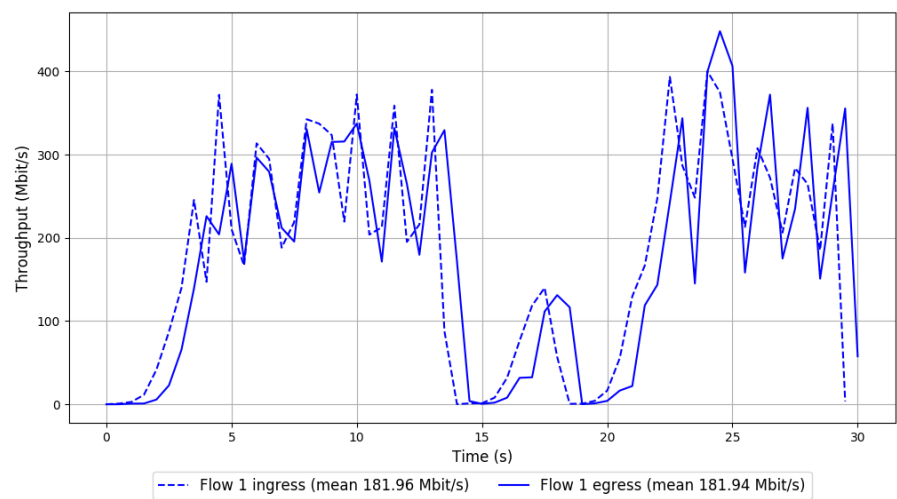
-- Flow 1:

Average throughput: 181.94 Mbit/s

95th percentile per-packet one-way delay: 175.042 ms

Loss rate: 0.01%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-07-10 22:32:39

End at: 2018-07-10 22:33:09

Local clock offset: 0.075 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-11 01:44:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 121.57 Mbit/s

95th percentile per-packet one-way delay: 157.960 ms

Loss rate: 0.00%

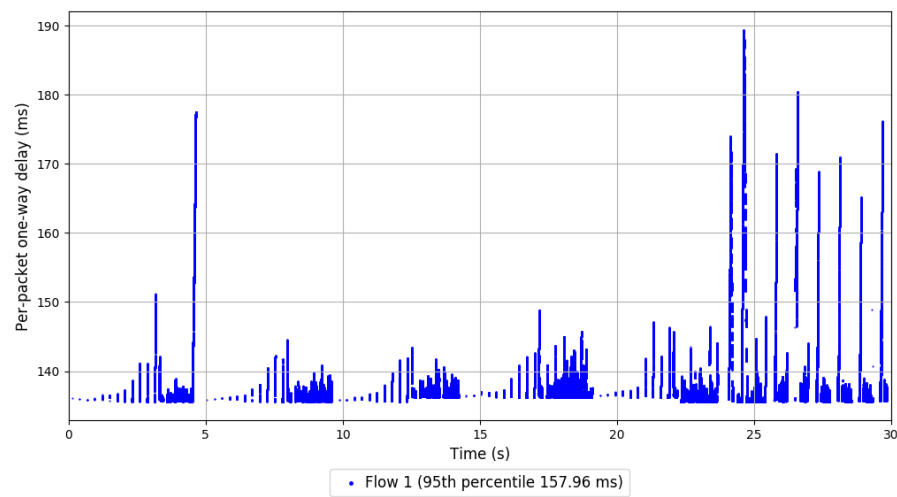
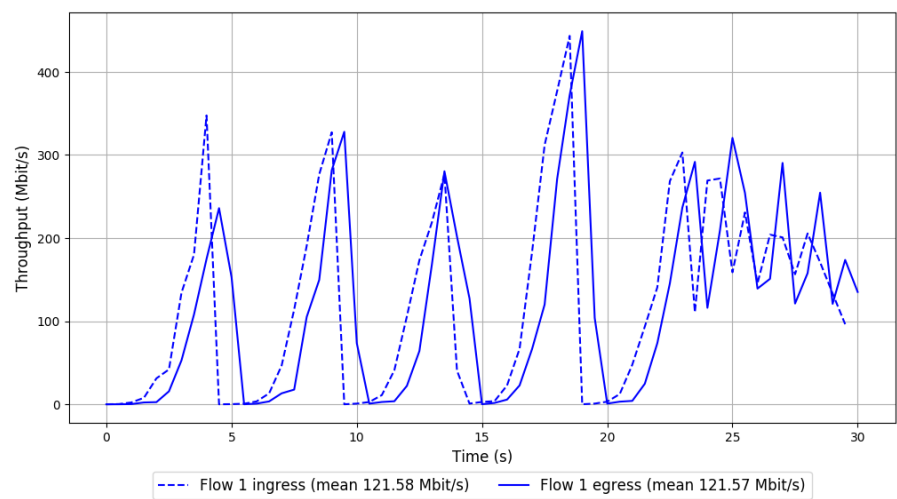
-- Flow 1:

Average throughput: 121.57 Mbit/s

95th percentile per-packet one-way delay: 157.960 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link

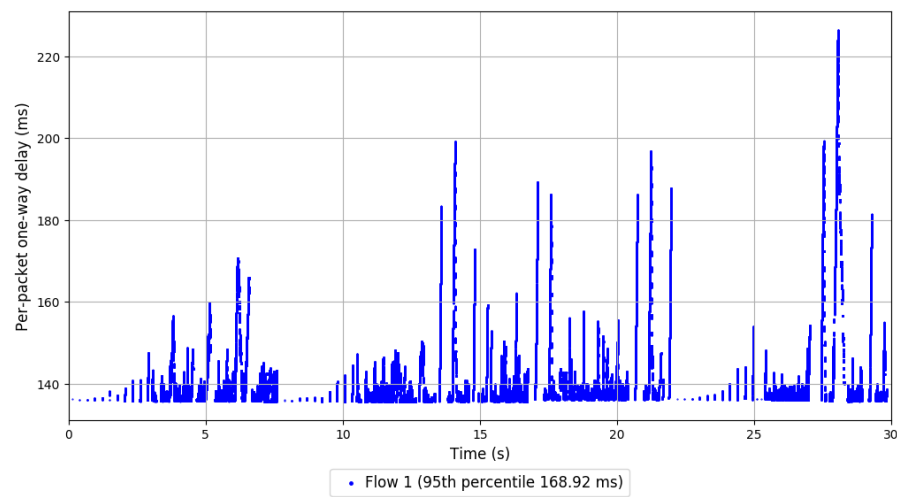
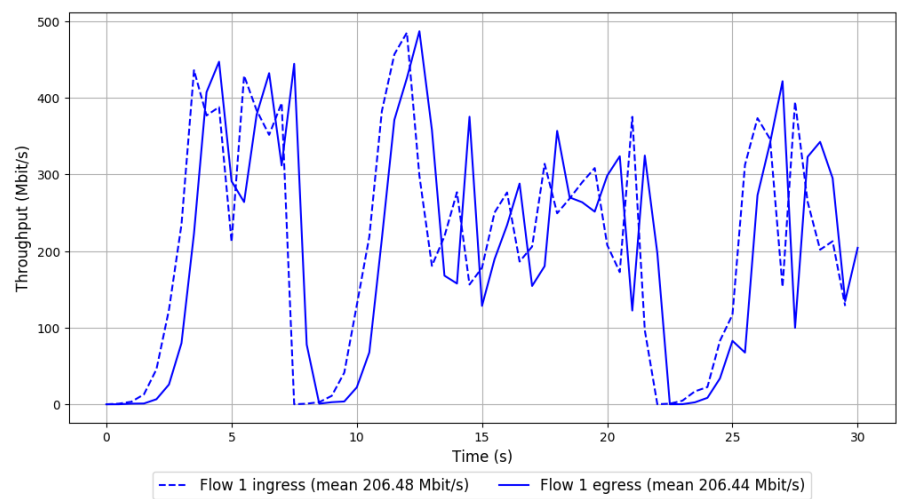


Run 7: Statistics of Verus

Start at: 2018-07-10 22:55:54
End at: 2018-07-10 22:56:24
Local clock offset: 0.017 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-11 01:45:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.44 Mbit/s
95th percentile per-packet one-way delay: 168.916 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 206.44 Mbit/s
95th percentile per-packet one-way delay: 168.916 ms
Loss rate: 0.02%

Run 7: Report of Verus — Data Link

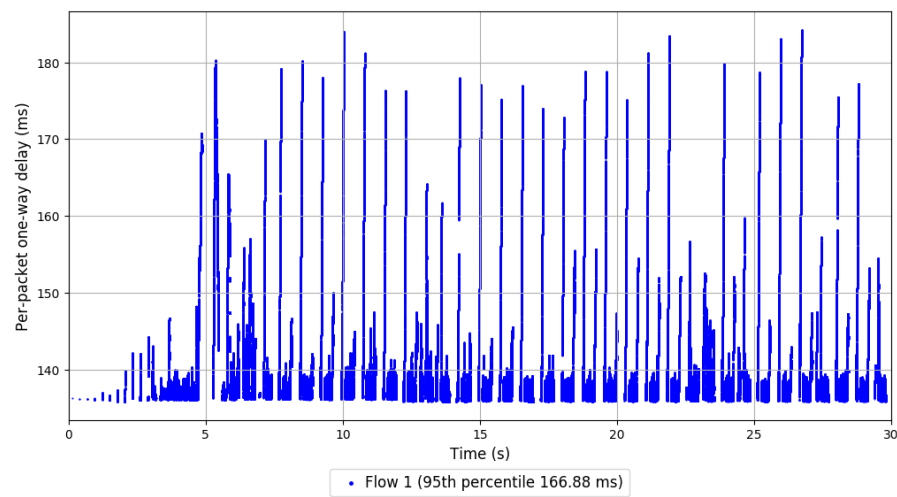
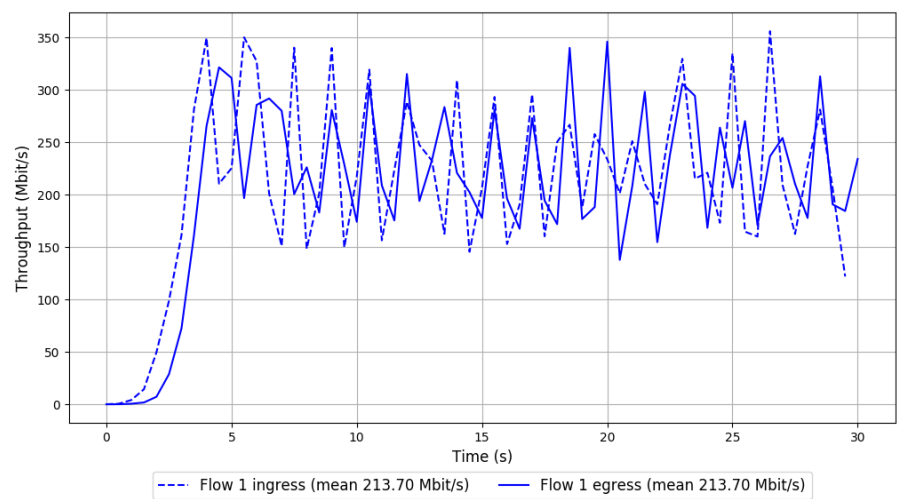


Run 8: Statistics of Verus

Start at: 2018-07-10 23:19:09
End at: 2018-07-10 23:19:39
Local clock offset: -0.035 ms
Remote clock offset: -0.398 ms

Below is generated by plot.py at 2018-07-11 01:46:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 213.70 Mbit/s
95th percentile per-packet one-way delay: 166.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 213.70 Mbit/s
95th percentile per-packet one-way delay: 166.884 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

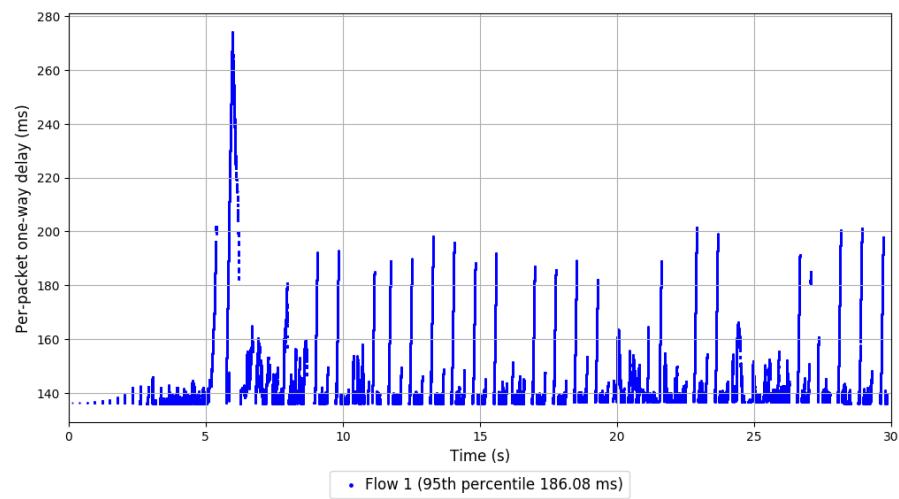
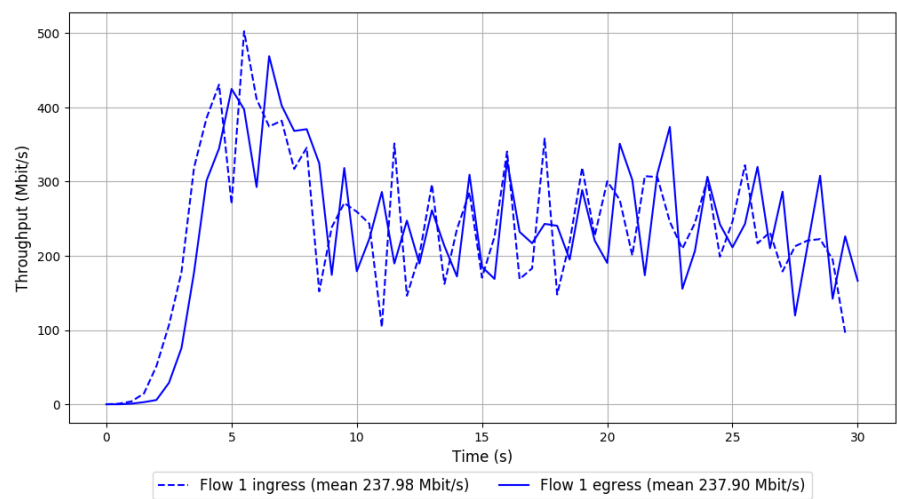


Run 9: Statistics of Verus

Start at: 2018-07-10 23:42:23
End at: 2018-07-10 23:42:53
Local clock offset: -0.271 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-07-11 01:47:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 237.90 Mbit/s
95th percentile per-packet one-way delay: 186.081 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 237.90 Mbit/s
95th percentile per-packet one-way delay: 186.081 ms
Loss rate: 0.02%

Run 9: Report of Verus — Data Link

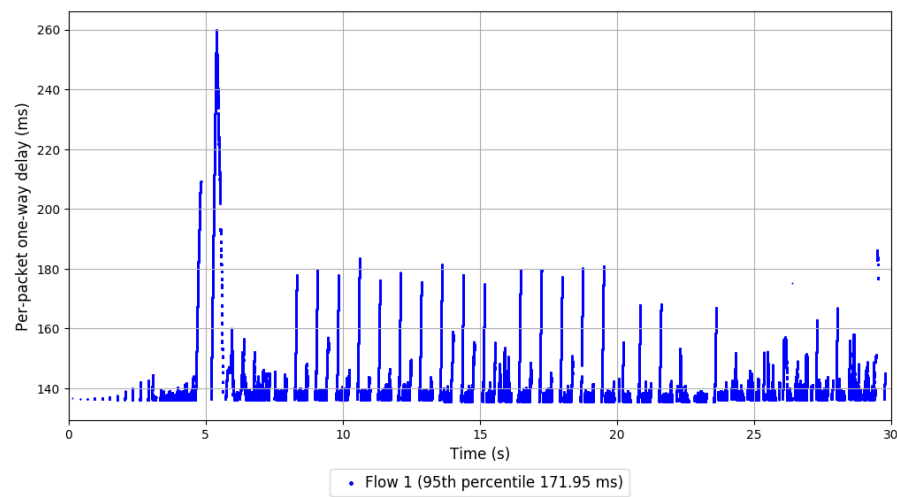
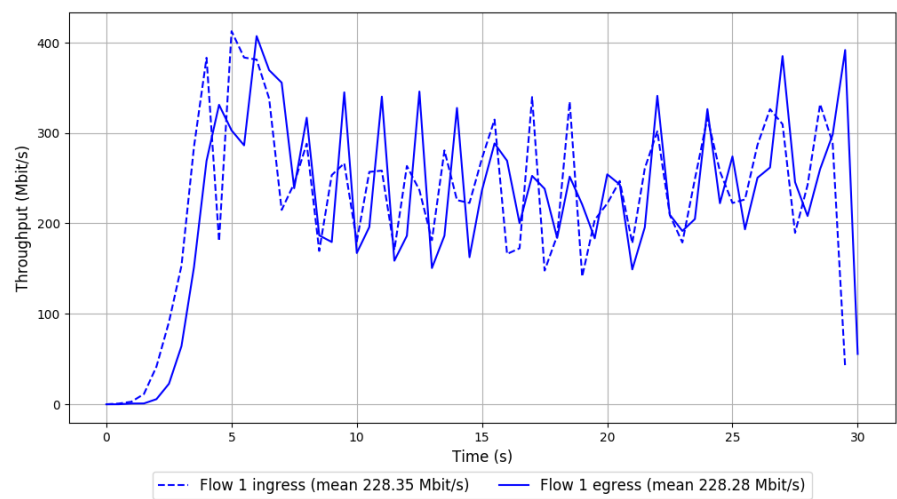


Run 10: Statistics of Verus

Start at: 2018-07-11 00:05:18
End at: 2018-07-11 00:05:48
Local clock offset: 0.152 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-07-11 01:47:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 228.28 Mbit/s
95th percentile per-packet one-way delay: 171.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.28 Mbit/s
95th percentile per-packet one-way delay: 171.950 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link

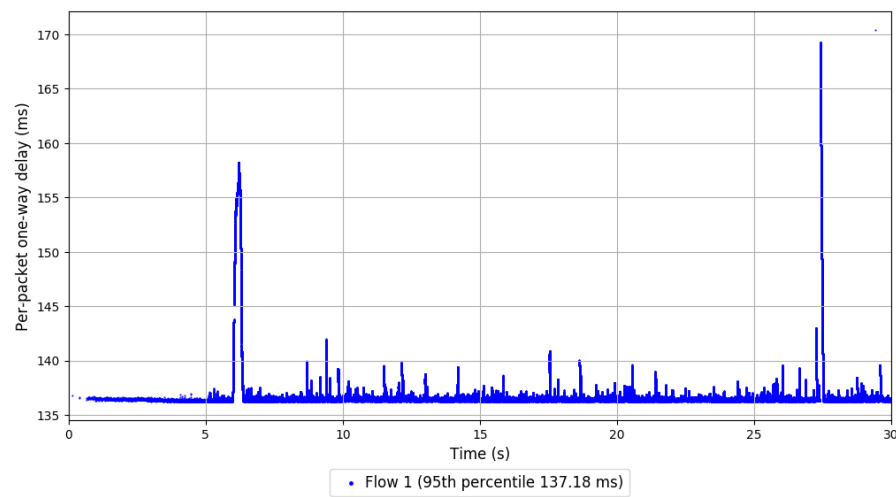
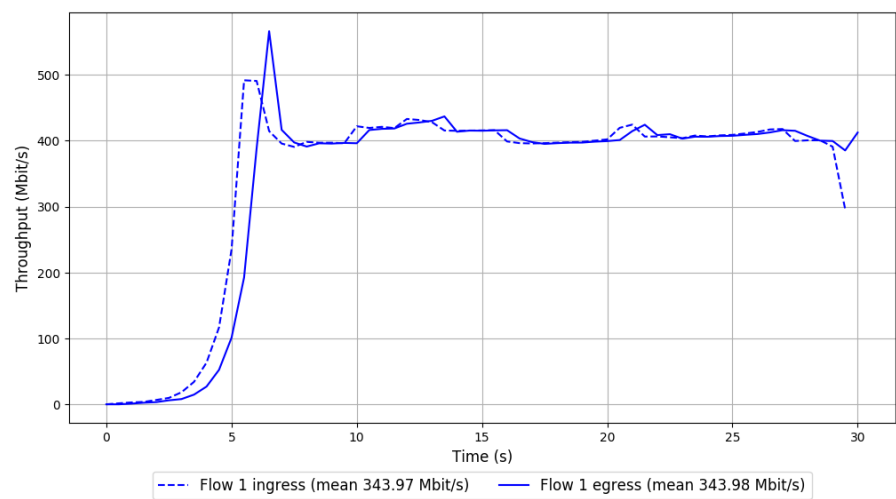


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 20:33:35
End at: 2018-07-10 20:34:05
Local clock offset: -0.045 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-07-11 01:49:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 343.98 Mbit/s
95th percentile per-packet one-way delay: 137.175 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 343.98 Mbit/s
95th percentile per-packet one-way delay: 137.175 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 20:56:47

End at: 2018-07-10 20:57:18

Local clock offset: -0.101 ms

Remote clock offset: 0.282 ms

Below is generated by plot.py at 2018-07-11 01:50:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 356.85 Mbit/s

95th percentile per-packet one-way delay: 140.871 ms

Loss rate: 0.00%

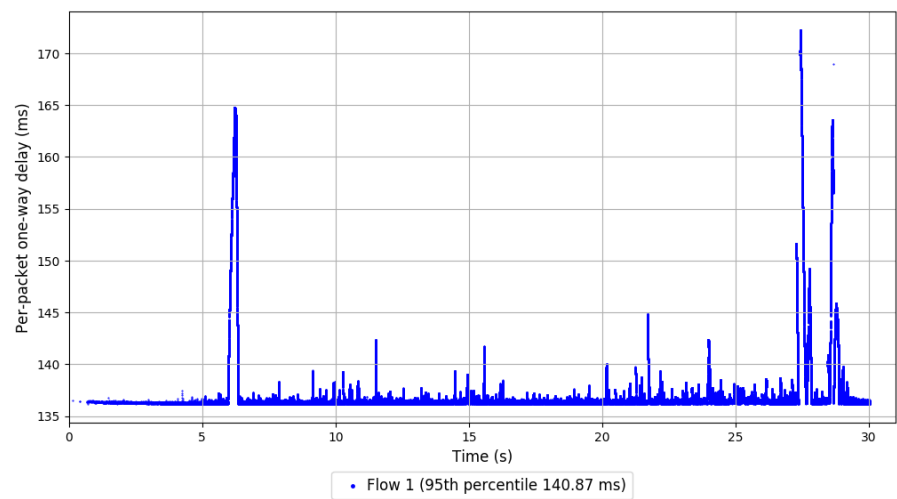
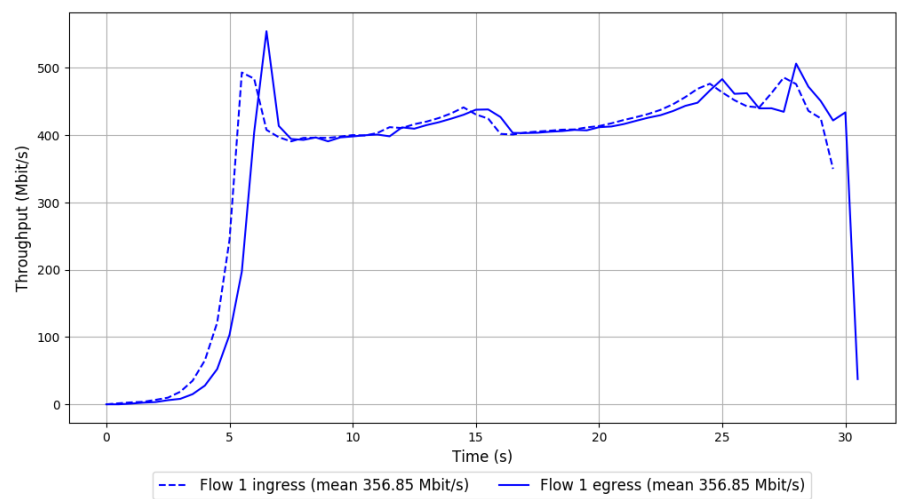
-- Flow 1:

Average throughput: 356.85 Mbit/s

95th percentile per-packet one-way delay: 140.871 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

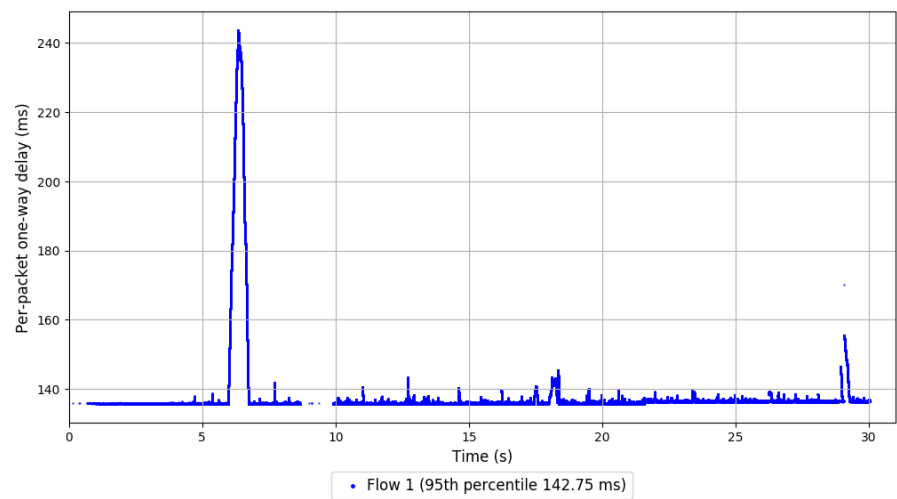
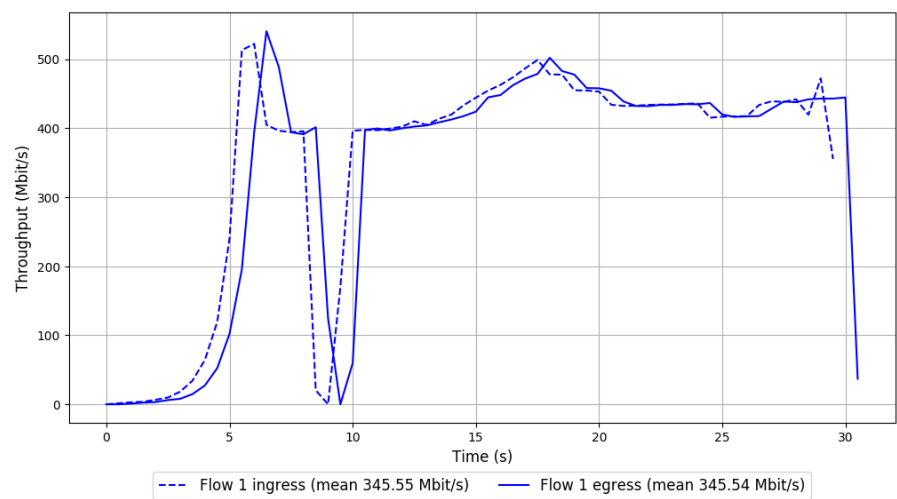


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 21:20:00
End at: 2018-07-10 21:20:30
Local clock offset: -0.104 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2018-07-11 01:51:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 345.54 Mbit/s
95th percentile per-packet one-way delay: 142.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 345.54 Mbit/s
95th percentile per-packet one-way delay: 142.746 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 21:43:26

End at: 2018-07-10 21:43:56

Local clock offset: 0.024 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-11 01:51:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 339.80 Mbit/s

95th percentile per-packet one-way delay: 136.172 ms

Loss rate: 0.00%

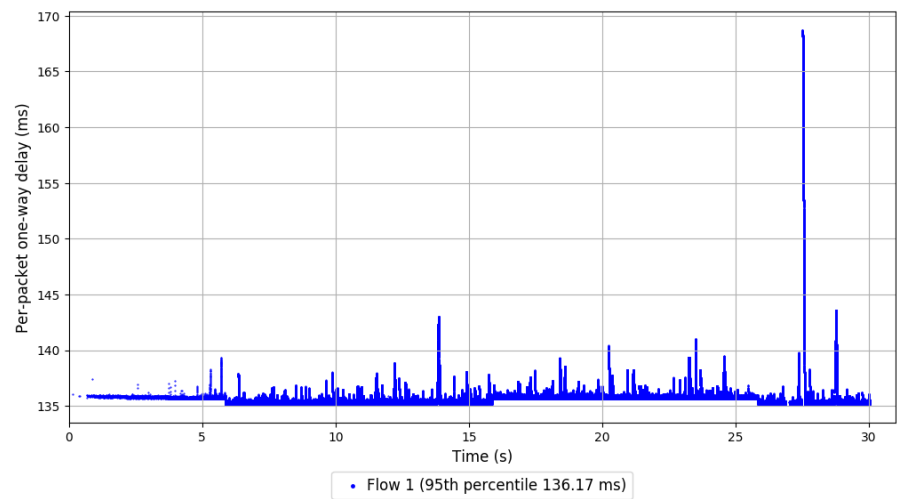
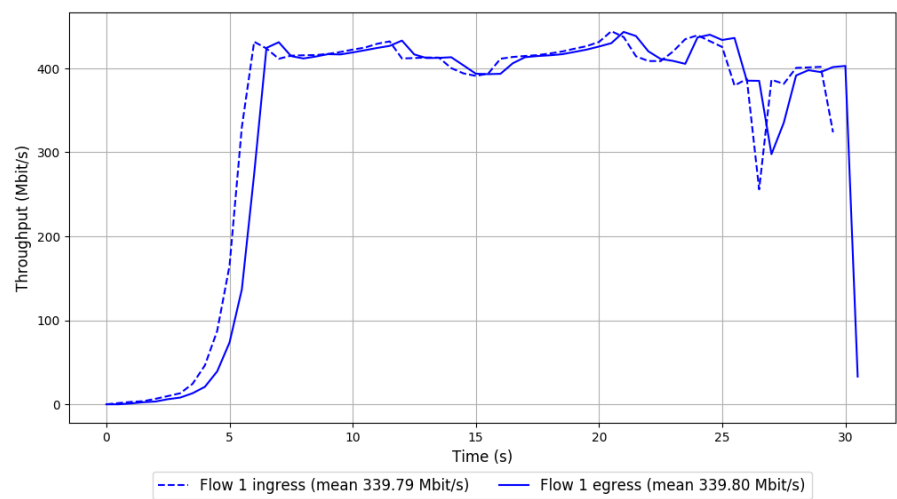
-- Flow 1:

Average throughput: 339.80 Mbit/s

95th percentile per-packet one-way delay: 136.172 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 22:06:29

End at: 2018-07-10 22:06:59

Local clock offset: -0.041 ms

Remote clock offset: 0.32 ms

Below is generated by plot.py at 2018-07-11 01:51:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 318.26 Mbit/s

95th percentile per-packet one-way delay: 136.677 ms

Loss rate: 0.00%

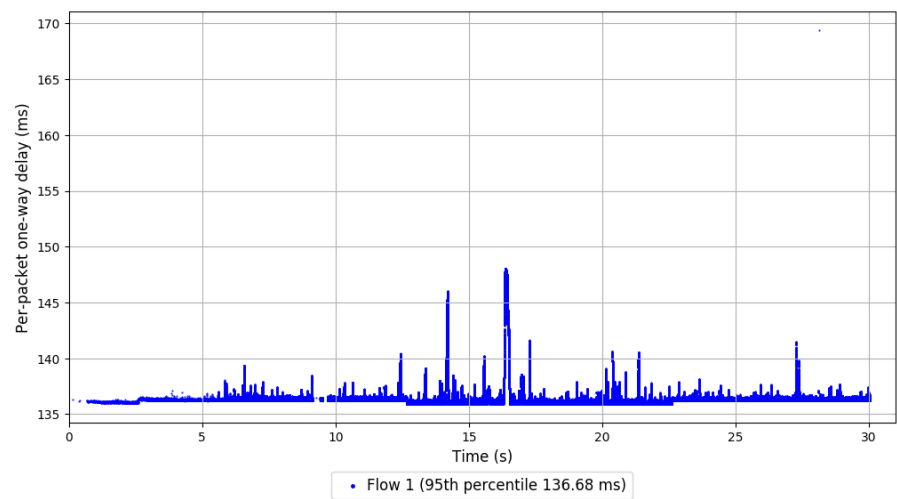
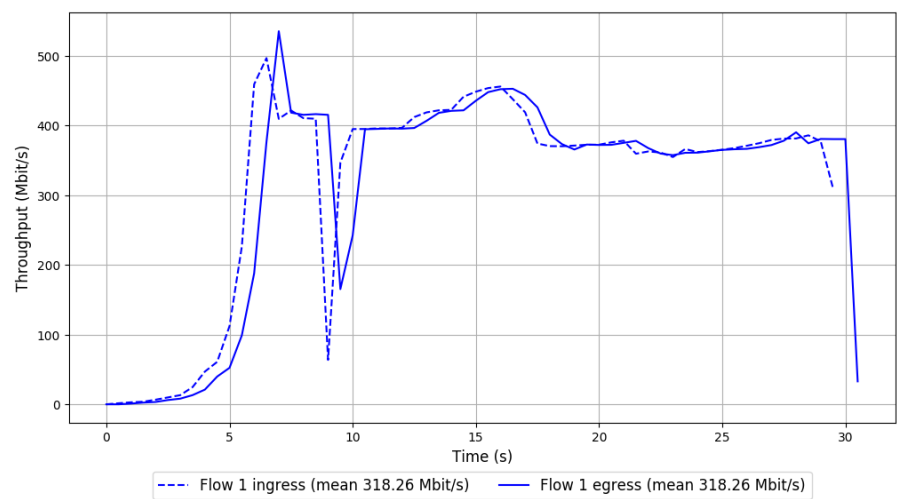
-- Flow 1:

Average throughput: 318.26 Mbit/s

95th percentile per-packet one-way delay: 136.677 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 22:29:19

End at: 2018-07-10 22:29:49

Local clock offset: -0.004 ms

Remote clock offset: 0.309 ms

Below is generated by plot.py at 2018-07-11 01:52:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.17 Mbit/s

95th percentile per-packet one-way delay: 137.272 ms

Loss rate: 0.00%

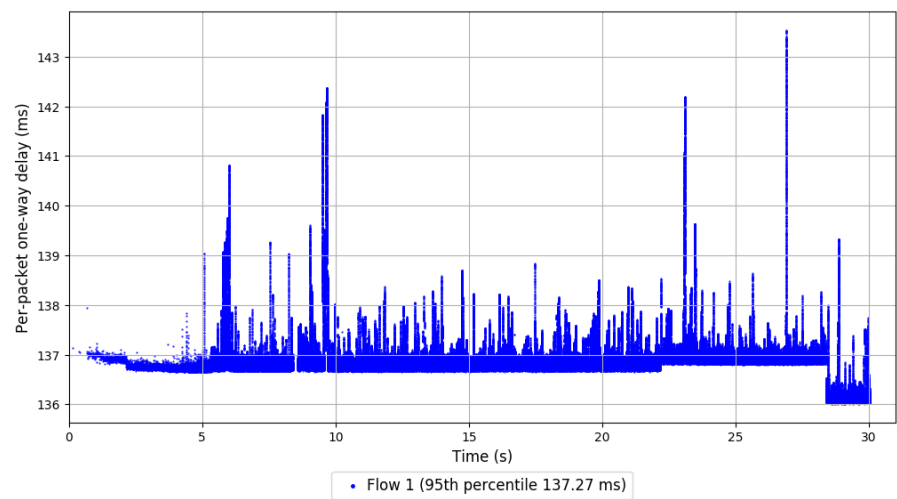
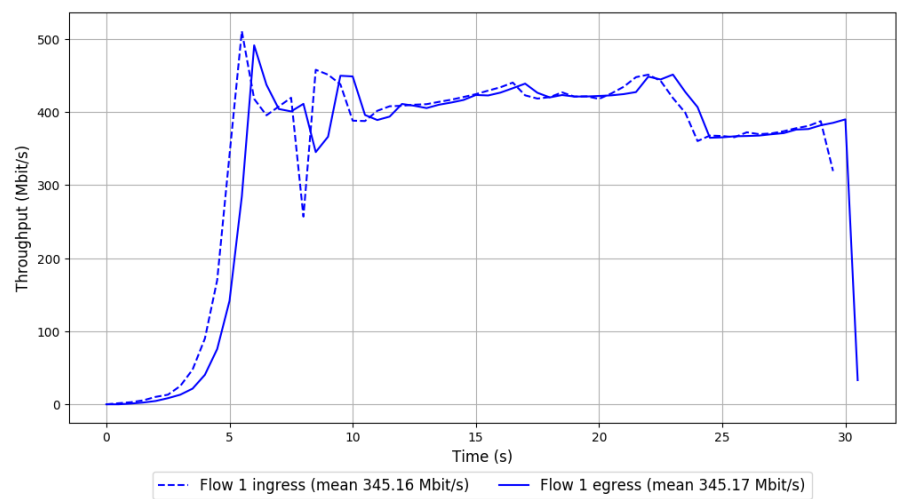
-- Flow 1:

Average throughput: 345.17 Mbit/s

95th percentile per-packet one-way delay: 137.272 ms

Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

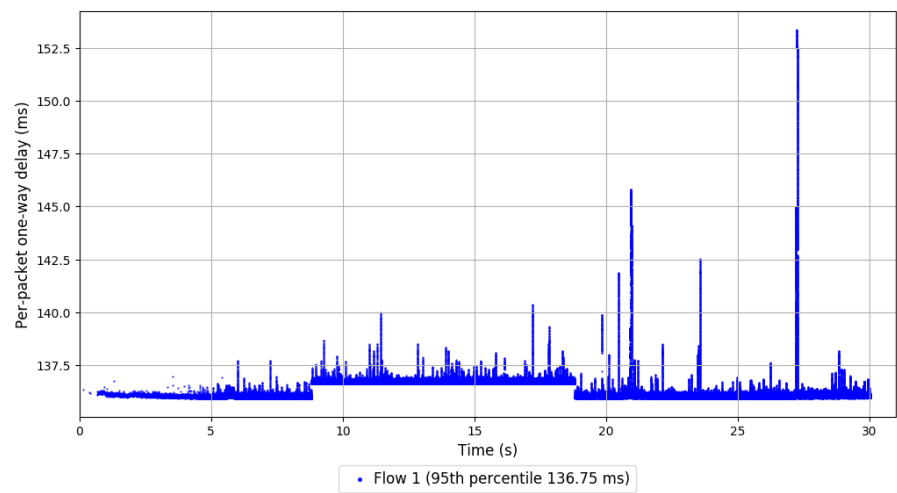
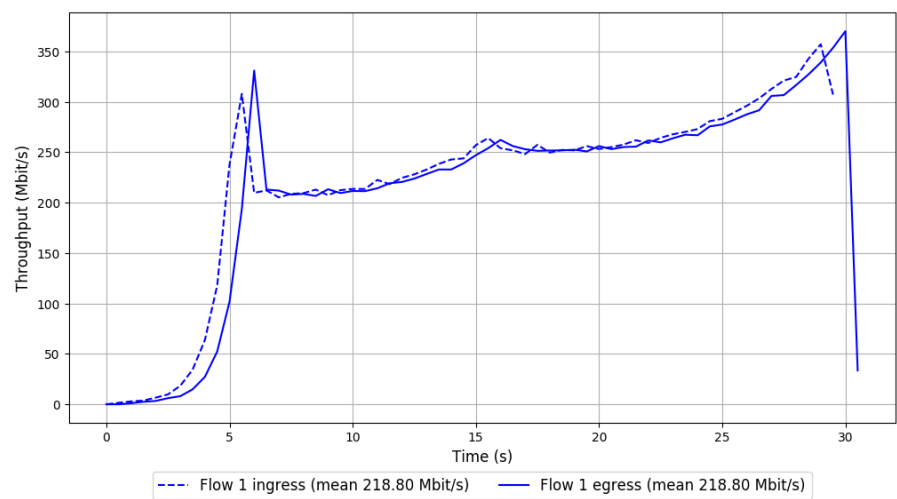


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 22:52:43
End at: 2018-07-10 22:53:13
Local clock offset: -0.147 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-07-11 01:52:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 218.80 Mbit/s
95th percentile per-packet one-way delay: 136.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.80 Mbit/s
95th percentile per-packet one-way delay: 136.753 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

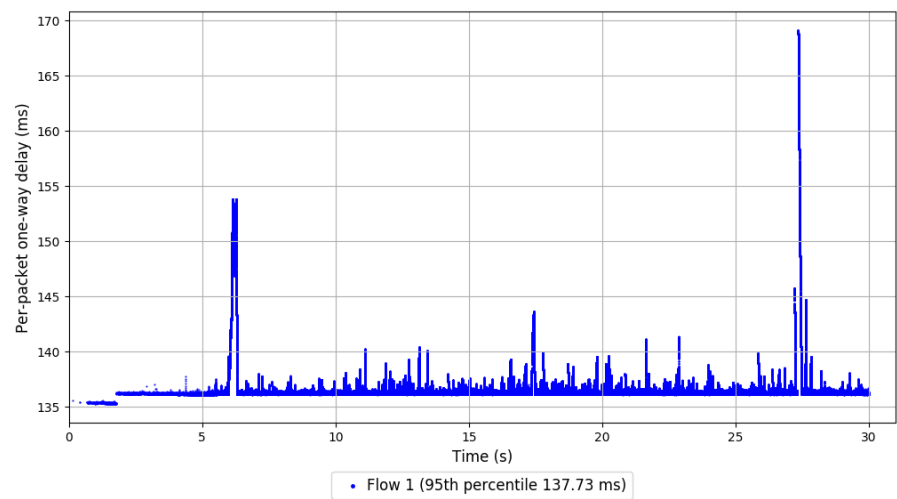
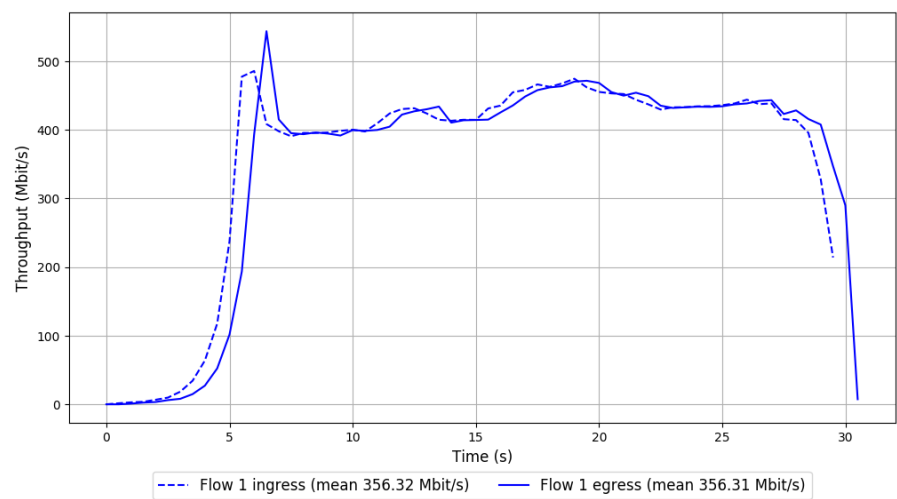


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 23:15:50
End at: 2018-07-10 23:16:20
Local clock offset: 0.175 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 01:52:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 356.31 Mbit/s
95th percentile per-packet one-way delay: 137.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 356.31 Mbit/s
95th percentile per-packet one-way delay: 137.726 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

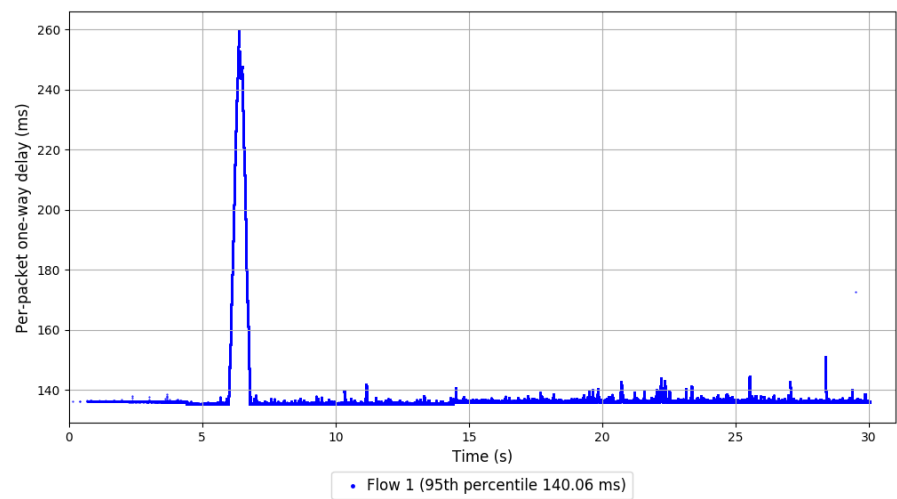
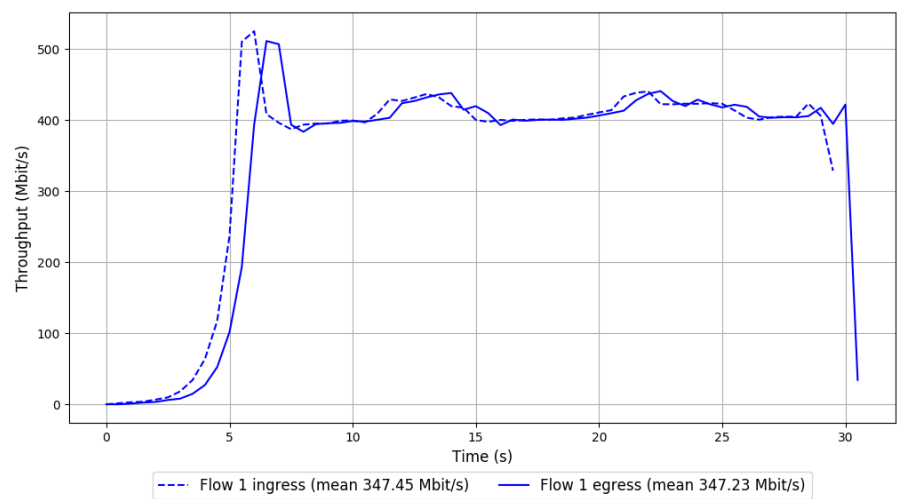


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 23:39:07
End at: 2018-07-10 23:39:37
Local clock offset: 0.112 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-07-11 01:52:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 347.23 Mbit/s
95th percentile per-packet one-way delay: 140.061 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 347.23 Mbit/s
95th percentile per-packet one-way delay: 140.061 ms
Loss rate: 0.06%

Run 9: Report of PCC-Vivace — Data Link

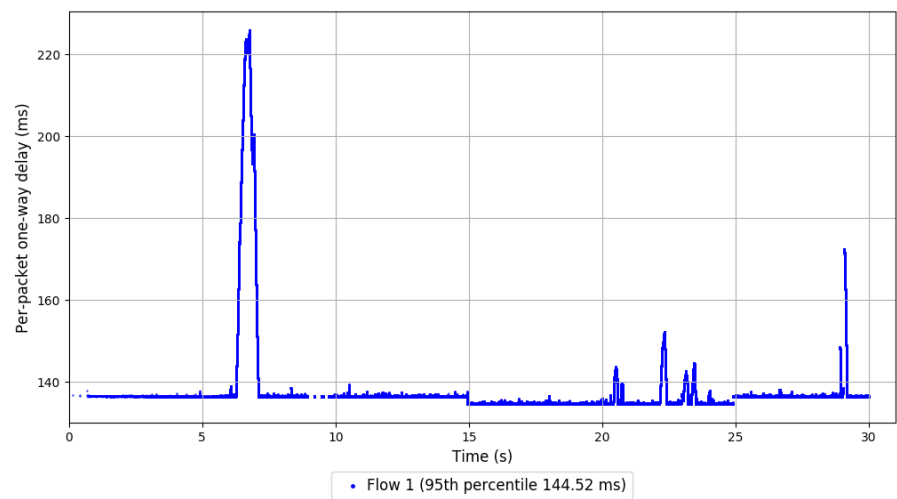
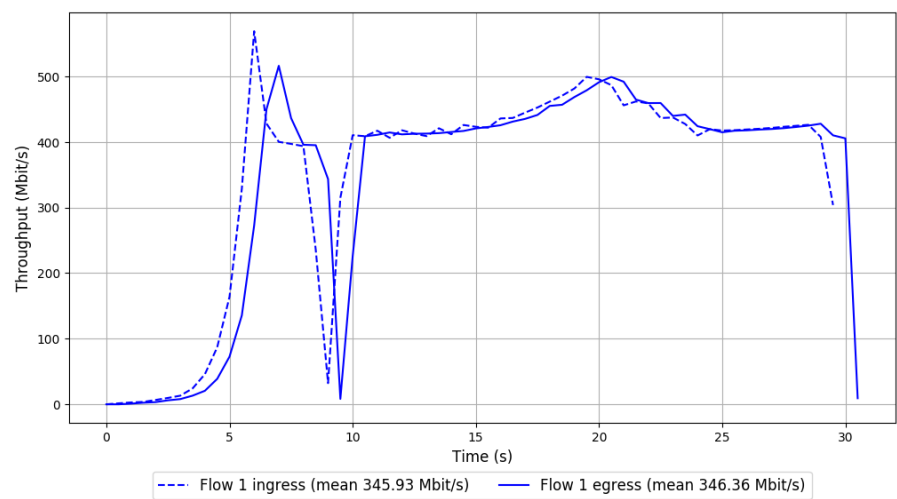


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-11 00:01:57
End at: 2018-07-11 00:02:27
Local clock offset: -0.111 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 346.36 Mbit/s
95th percentile per-packet one-way delay: 144.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 346.36 Mbit/s
95th percentile per-packet one-way delay: 144.523 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

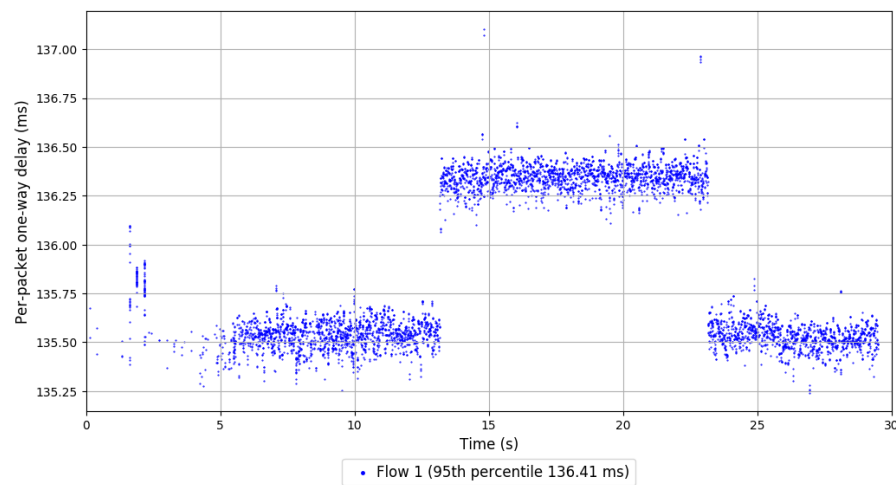
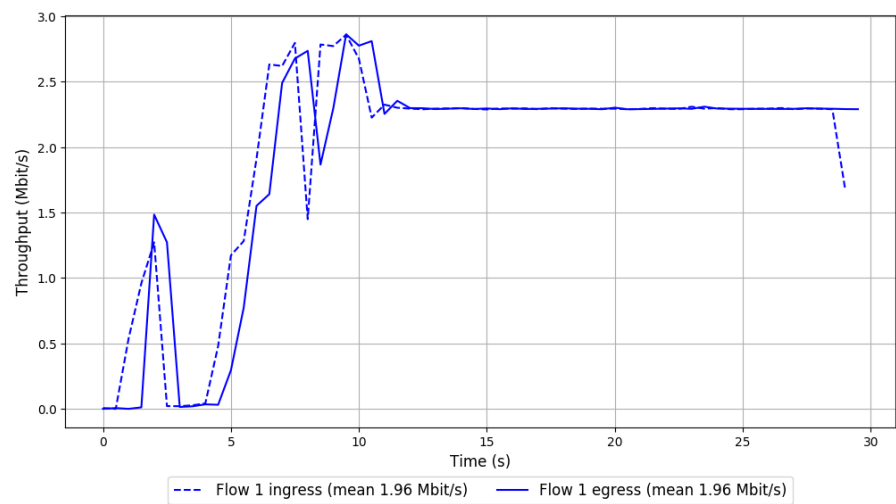


Run 1: Statistics of WebRTC media

Start at: 2018-07-10 20:38:18
End at: 2018-07-10 20:38:48
Local clock offset: 0.002 ms
Remote clock offset: -0.468 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 136.413 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 136.413 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

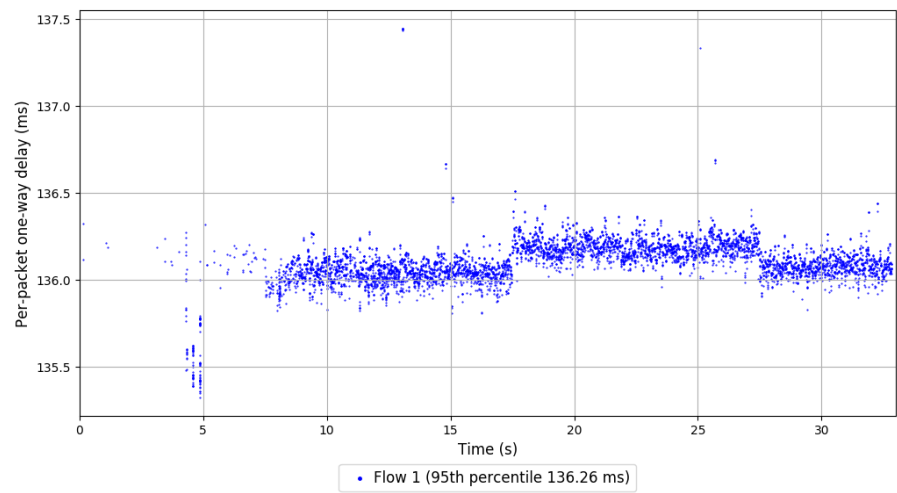
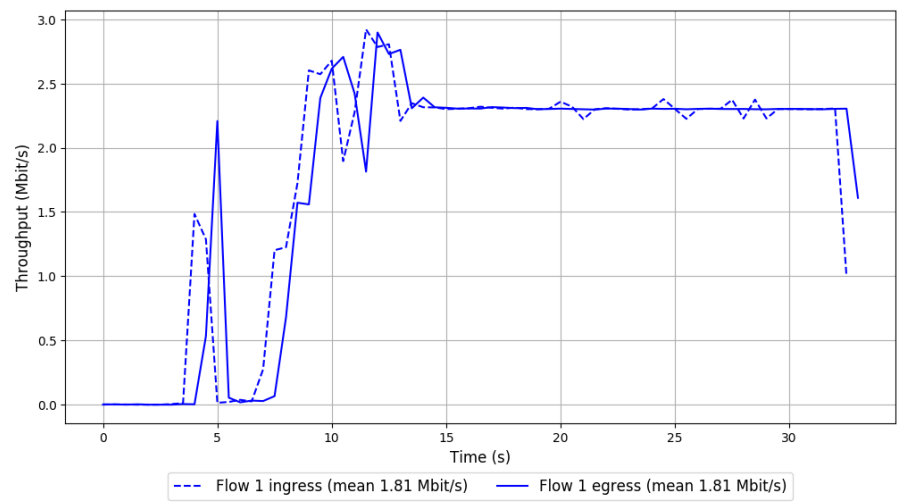


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 21:01:27
End at: 2018-07-10 21:01:57
Local clock offset: -0.032 ms
Remote clock offset: -0.486 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.264 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

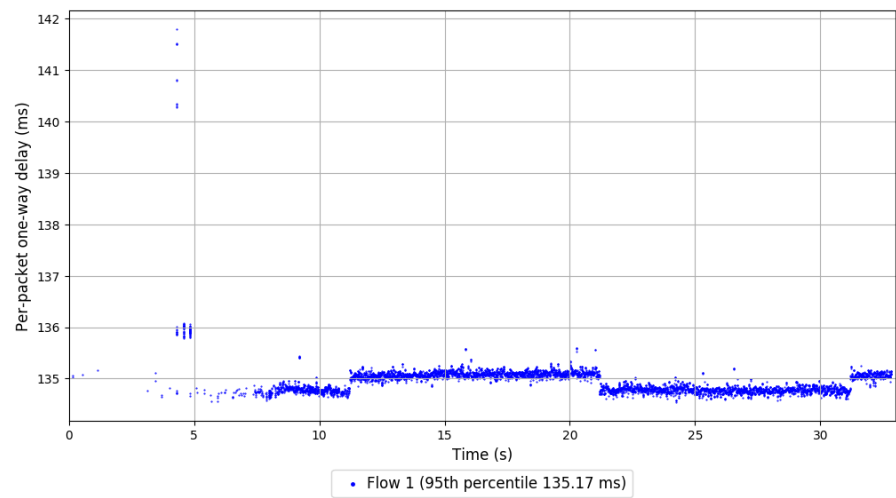
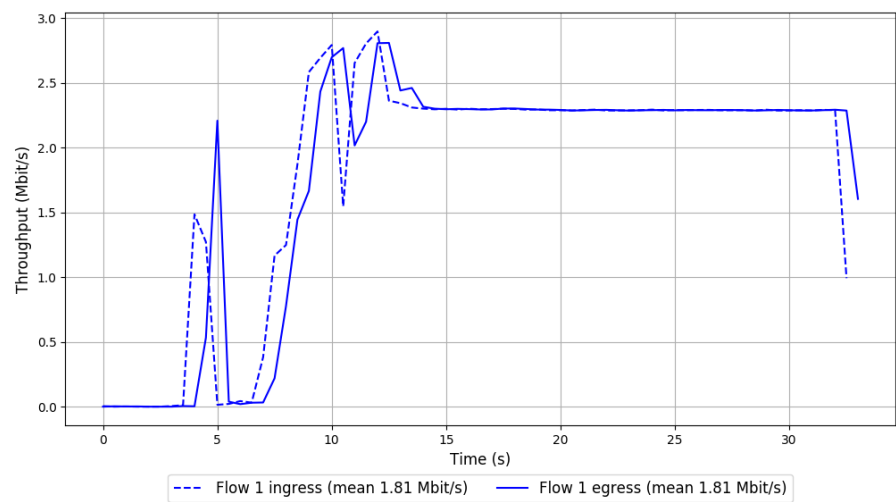


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 21:24:43
End at: 2018-07-10 21:25:13
Local clock offset: -0.045 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 135.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 135.173 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

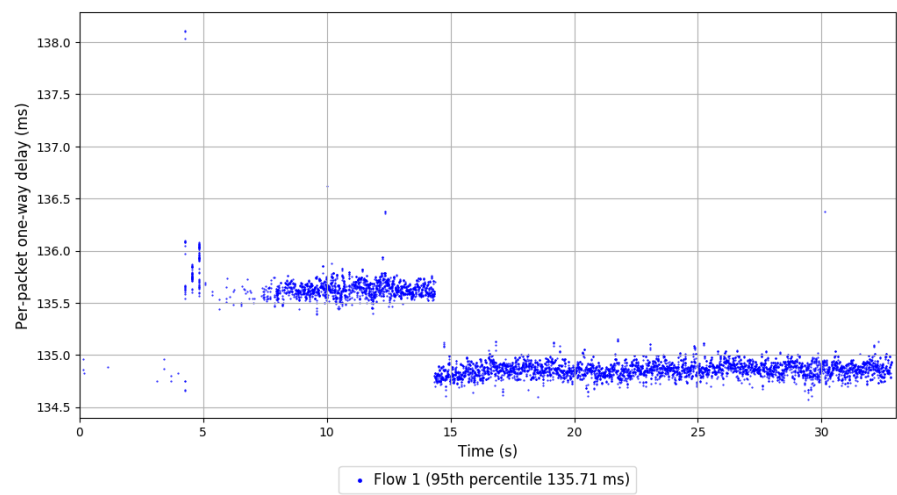
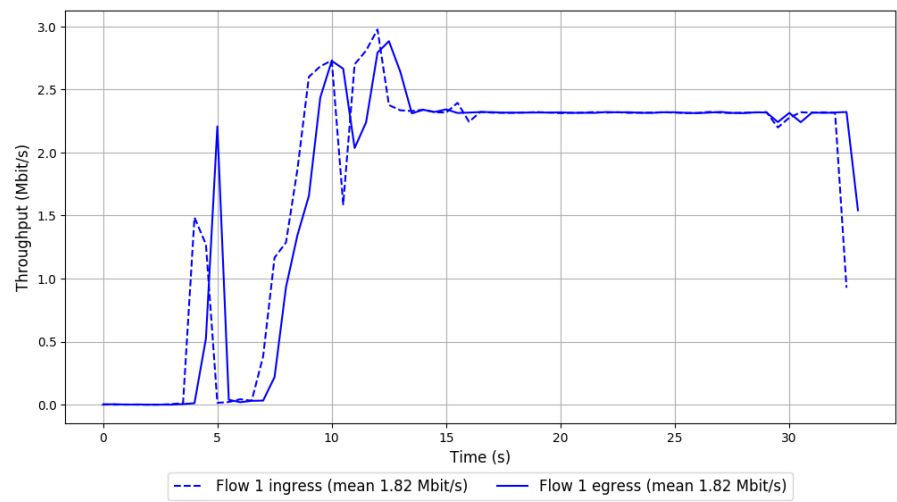


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 21:48:10
End at: 2018-07-10 21:48:40
Local clock offset: -0.138 ms
Remote clock offset: -0.486 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 135.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 135.712 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-07-10 22:11:09

End at: 2018-07-10 22:11:39

Local clock offset: -0.096 ms

Remote clock offset: 0.289 ms

Below is generated by plot.py at 2018-07-11 01:52:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 137.343 ms

Loss rate: 0.00%

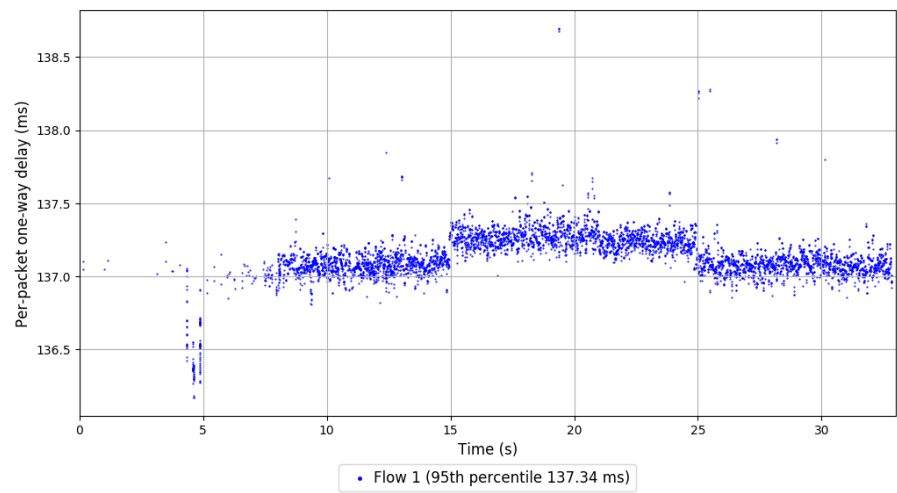
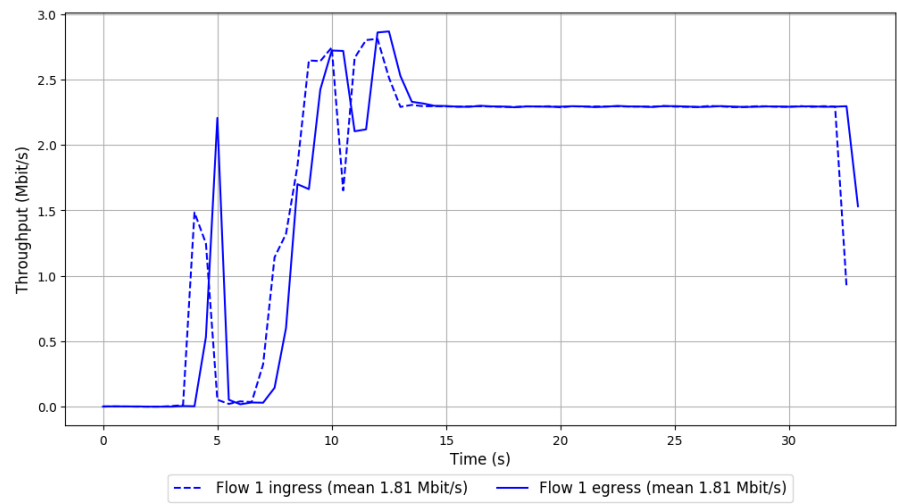
-- Flow 1:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 137.343 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

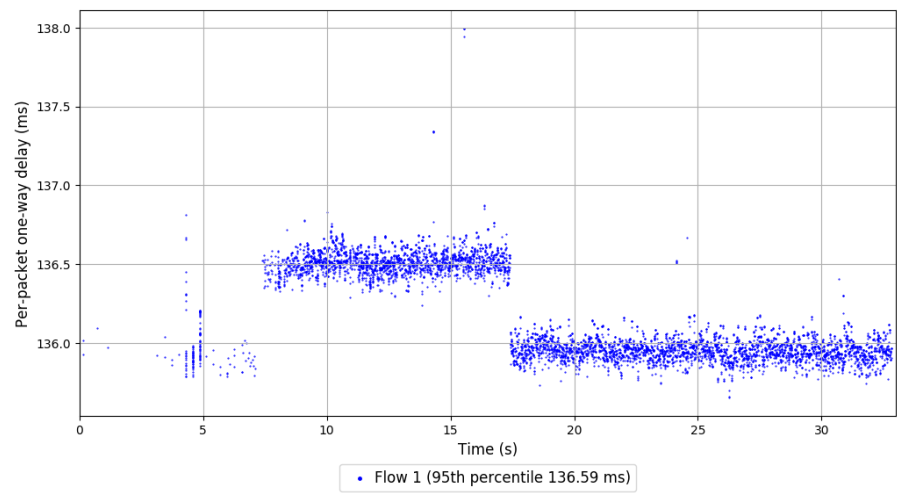
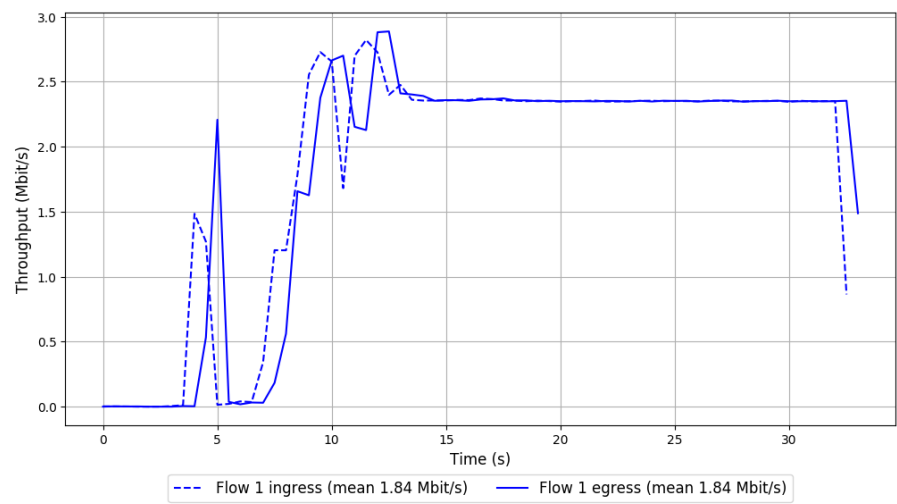


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 22:33:57
End at: 2018-07-10 22:34:27
Local clock offset: 0.024 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 136.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 136.590 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

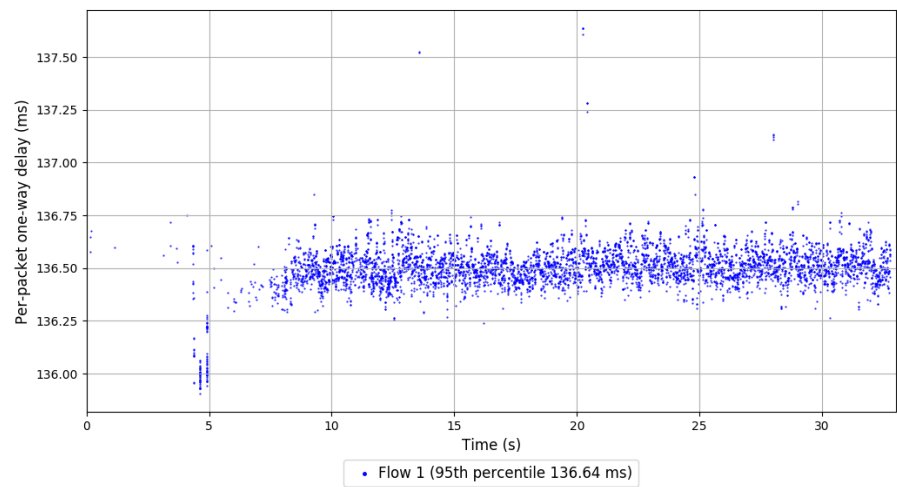
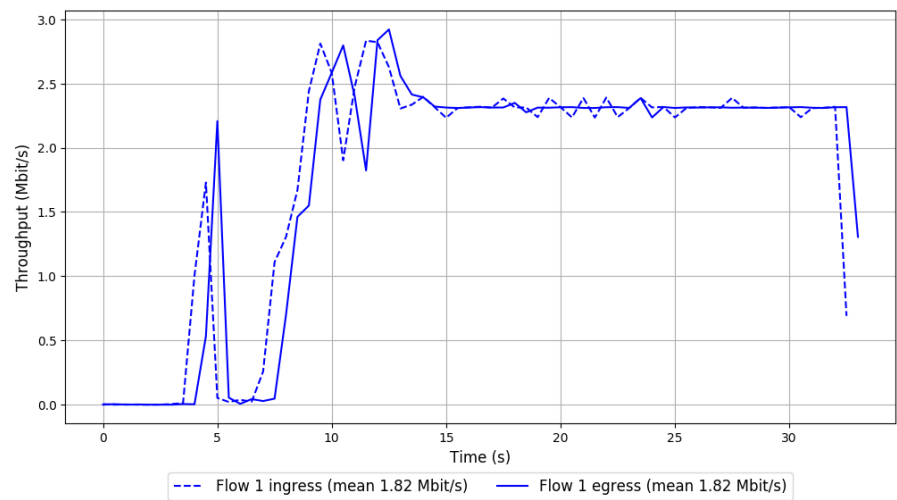


Run 7: Statistics of WebRTC media

Start at: 2018-07-10 22:57:19
End at: 2018-07-10 22:57:49
Local clock offset: -0.046 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.641 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

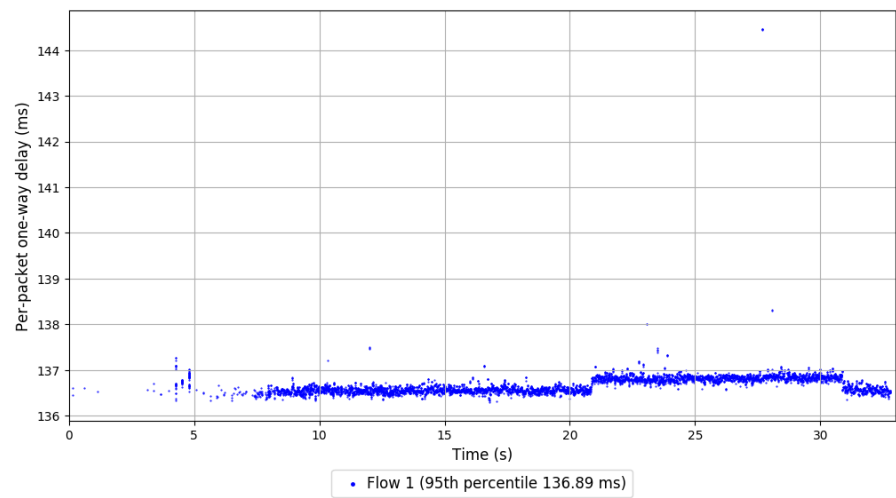
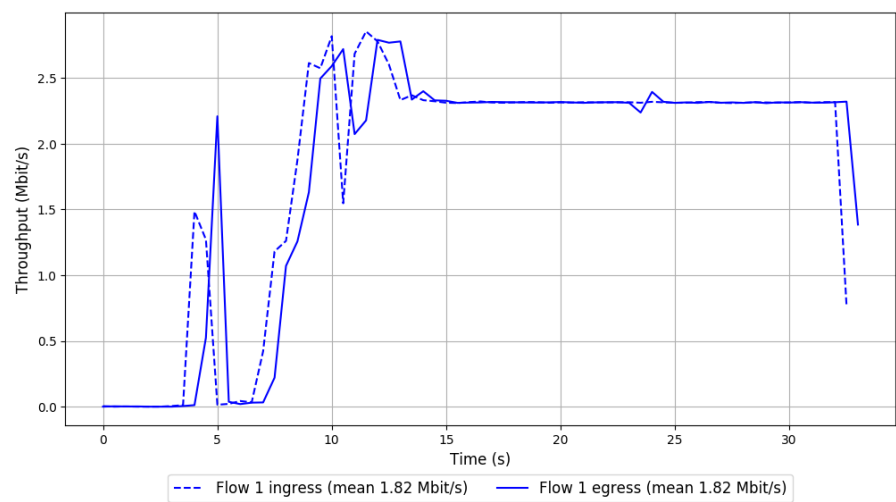


Run 8: Statistics of WebRTC media

Start at: 2018-07-10 23:20:33
End at: 2018-07-10 23:21:04
Local clock offset: -0.031 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.894 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

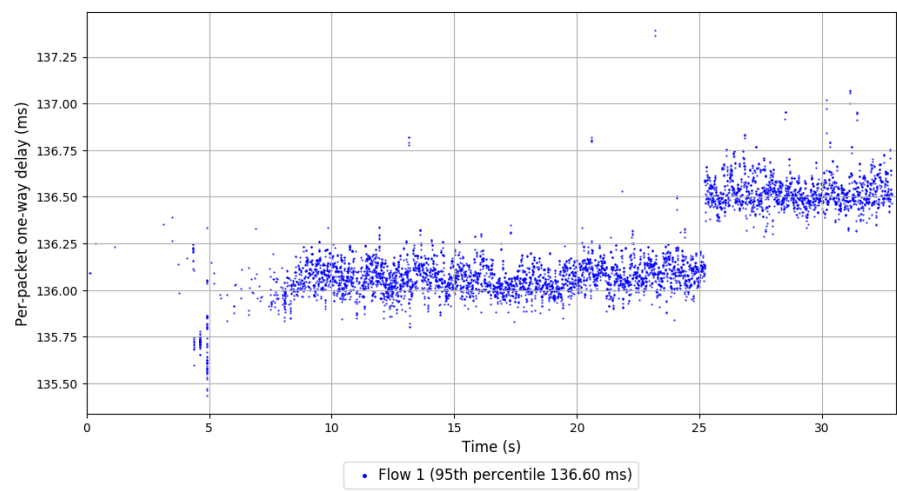
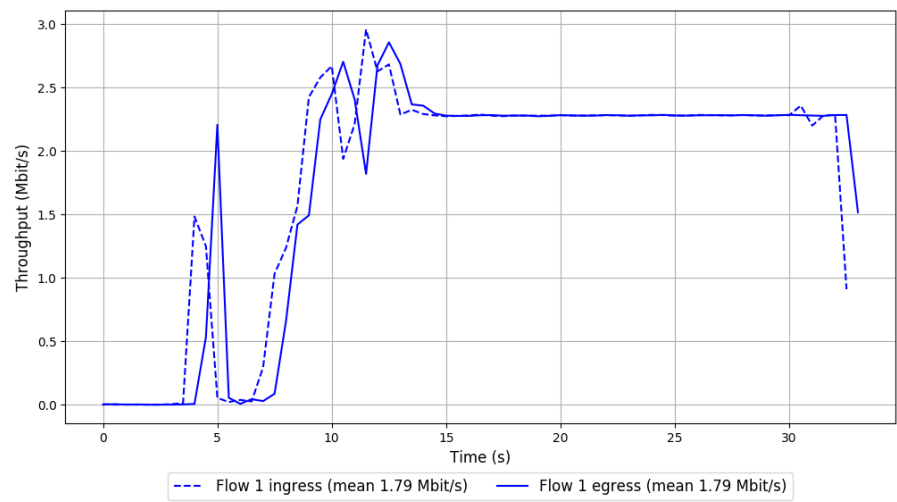


Run 9: Statistics of WebRTC media

Start at: 2018-07-10 23:43:49
End at: 2018-07-10 23:44:19
Local clock offset: -0.055 ms
Remote clock offset: -0.482 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 136.598 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 136.598 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-11 00:06:43
End at: 2018-07-11 00:07:13
Local clock offset: -0.015 ms
Remote clock offset: -0.482 ms

Below is generated by plot.py at 2018-07-11 01:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 136.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 136.492 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

