

Pantheon Report

Generated at 2019-07-17 20:36:52 (UTC).

Data path: AWS California 2 on **ens5** (*local*) → Mexico on **em1** (*remote*).

Repeated the test of 24 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against **time.stanford.edu** and have been applied to correct the timestamps in logs.

System info:

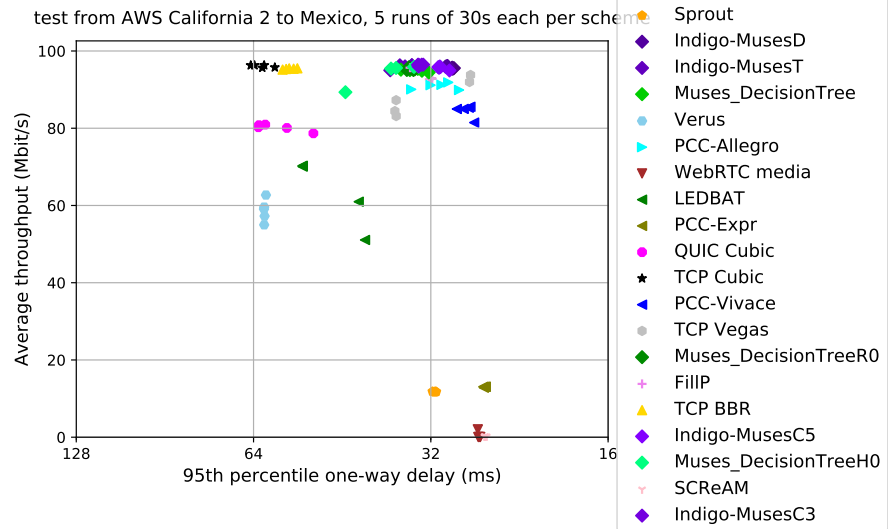
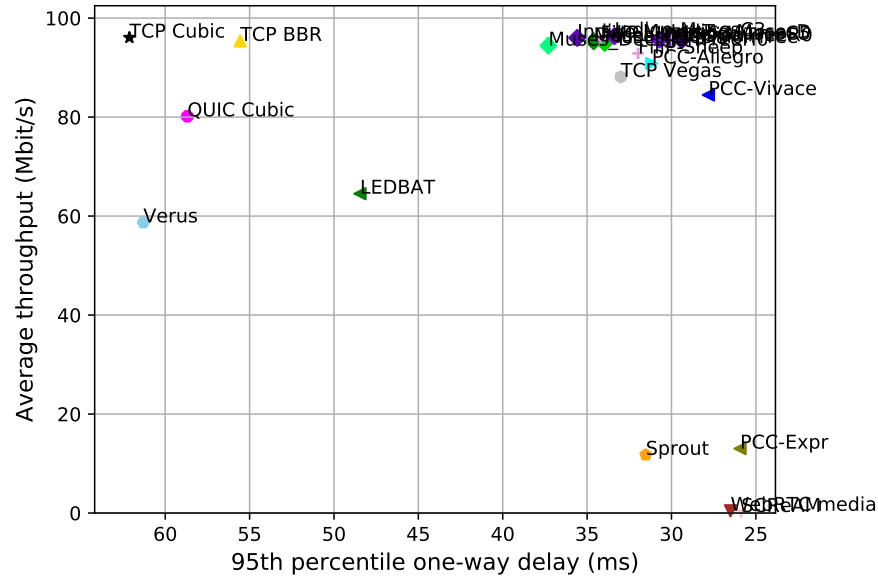
```
Linux 4.15.0-1043-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
```

third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS California 2 to Mexico, 5 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	95.39	55.56	1.97
Copa	0	N/A	N/A	N/A
TCP Cubic	5	96.06	62.12	0.45
FillP	5	95.69	34.21	0.66
FillP-Sheep	5	92.85	31.98	0.59
Indigo	5	95.54	29.39	0.02
Indigo-MusesC3	5	96.35	33.38	0.09
Indigo-MusesC5	5	95.65	30.71	0.01
Indigo-MusesD	5	95.96	30.05	0.10
Indigo-MusesT	5	95.99	35.59	0.49
LEDBAT	5	64.52	48.46	0.01
Muses_DecisionTree	5	94.98	33.96	0.08
Muses_DecisionTreeH0	5	94.44	37.29	0.44
Muses_DecisionTreeR0	5	95.32	34.61	0.09
PCC-Allegro	5	90.84	31.16	0.70
PCC-Expr	5	13.01	25.93	41.38
QUIC Cubic	5	80.15	58.69	1.63
SCReAM	5	0.21	25.87	0.00
Sprout	5	11.76	31.52	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	88.12	33.00	0.44
Verus	5	58.72	61.30	23.56
PCC-Vivace	5	84.47	27.81	0.00
WebRTC media	5	0.45	26.50	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-07-17 17:56:03

End at: 2019-07-17 17:56:33

Local clock offset: -6.383 ms

Remote clock offset: -2.921 ms

Below is generated by plot.py at 2019-07-17 20:25:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 57.124 ms

Loss rate: 2.30%

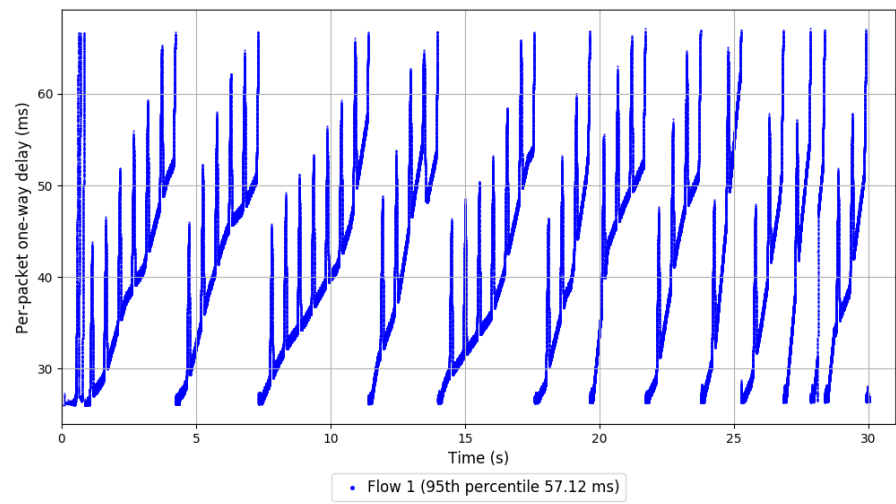
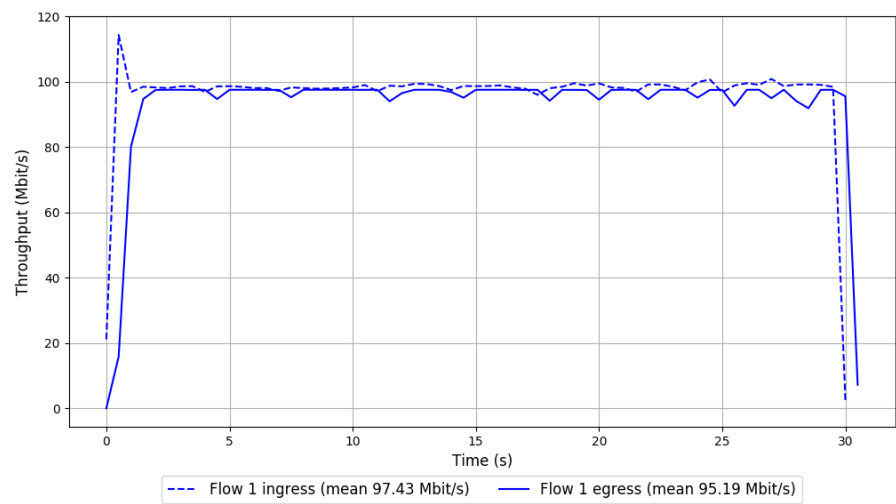
-- Flow 1:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 57.124 ms

Loss rate: 2.30%

Run 1: Report of TCP BBR — Data Link

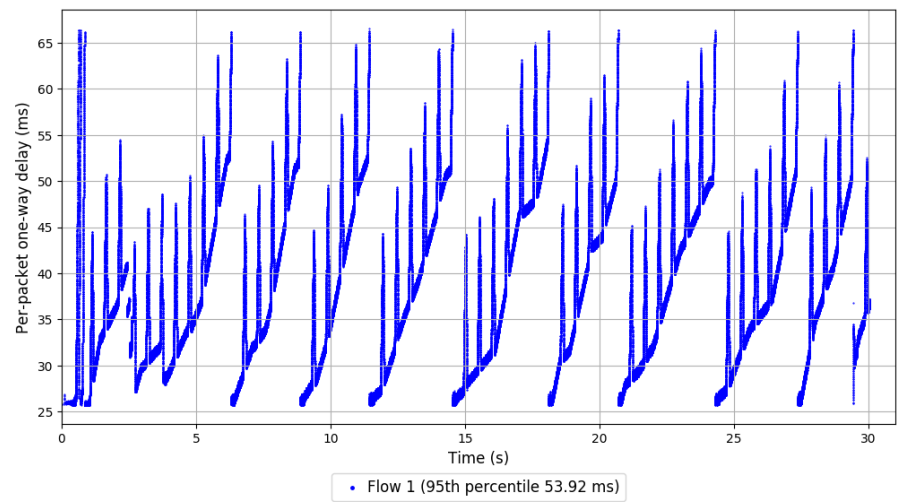
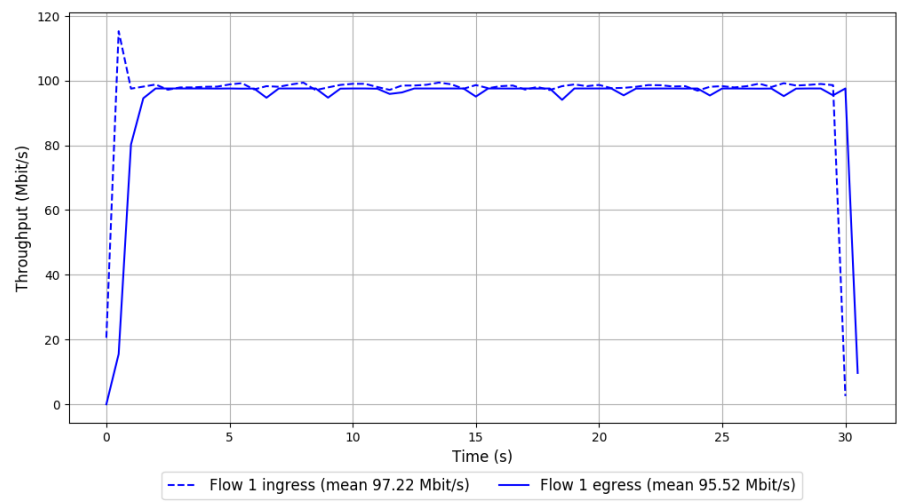


Run 2: Statistics of TCP BBR

Start at: 2019-07-17 18:35:25
End at: 2019-07-17 18:35:55
Local clock offset: -0.298 ms
Remote clock offset: -2.534 ms

Below is generated by plot.py at 2019-07-17 20:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 53.920 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 53.920 ms
Loss rate: 1.71%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-07-17 19:10:44

End at: 2019-07-17 19:11:14

Local clock offset: -2.862 ms

Remote clock offset: -2.483 ms

Below is generated by plot.py at 2019-07-17 20:25:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.34 Mbit/s

95th percentile per-packet one-way delay: 56.340 ms

Loss rate: 2.28%

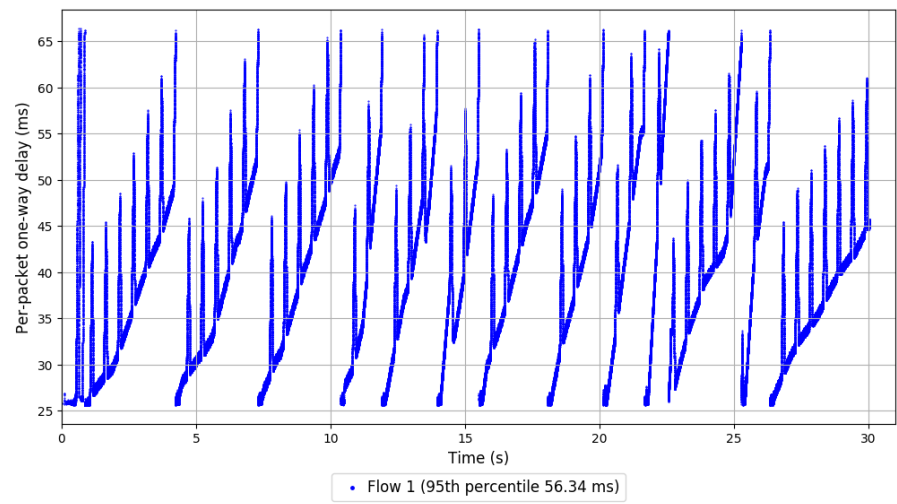
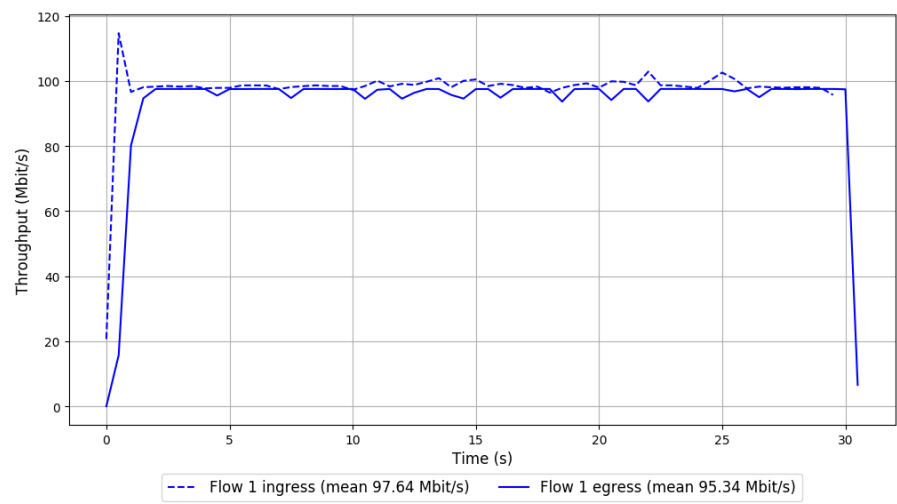
-- Flow 1:

Average throughput: 95.34 Mbit/s

95th percentile per-packet one-way delay: 56.340 ms

Loss rate: 2.28%

Run 3: Report of TCP BBR — Data Link

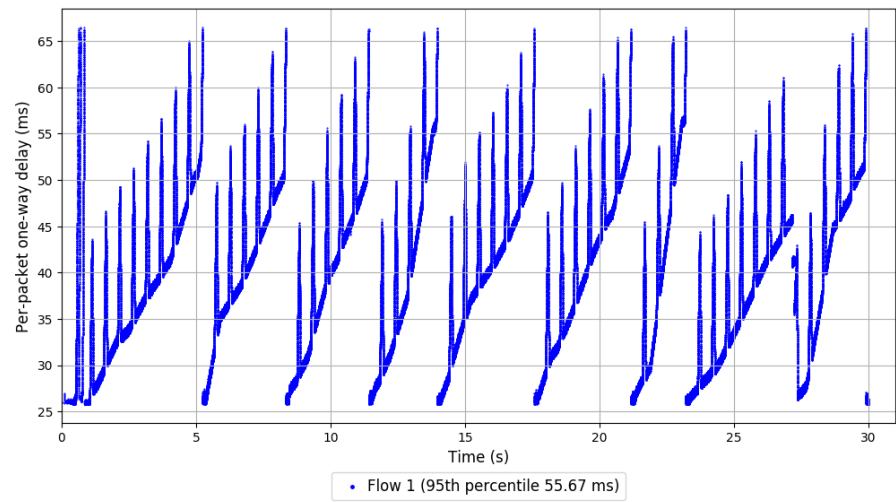
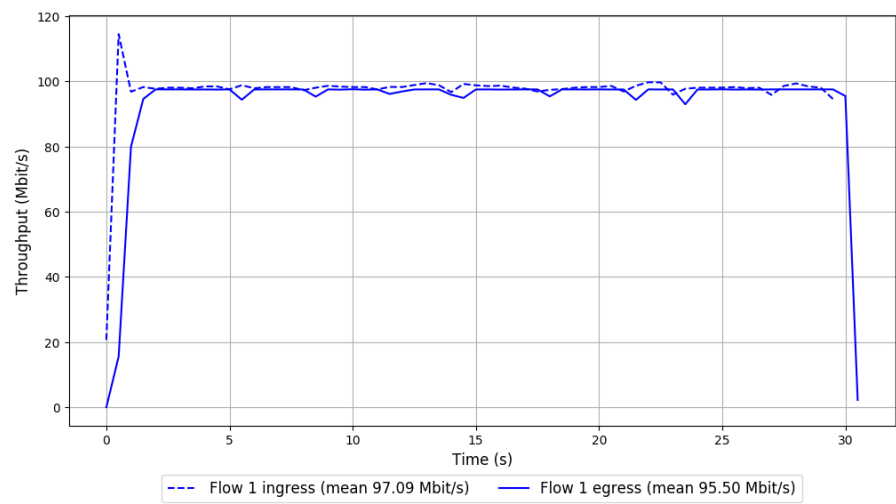


Run 4: Statistics of TCP BBR

Start at: 2019-07-17 19:45:54
End at: 2019-07-17 19:46:24
Local clock offset: -3.069 ms
Remote clock offset: -2.396 ms

Below is generated by plot.py at 2019-07-17 20:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 55.670 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 55.670 ms
Loss rate: 1.64%

Run 4: Report of TCP BBR — Data Link

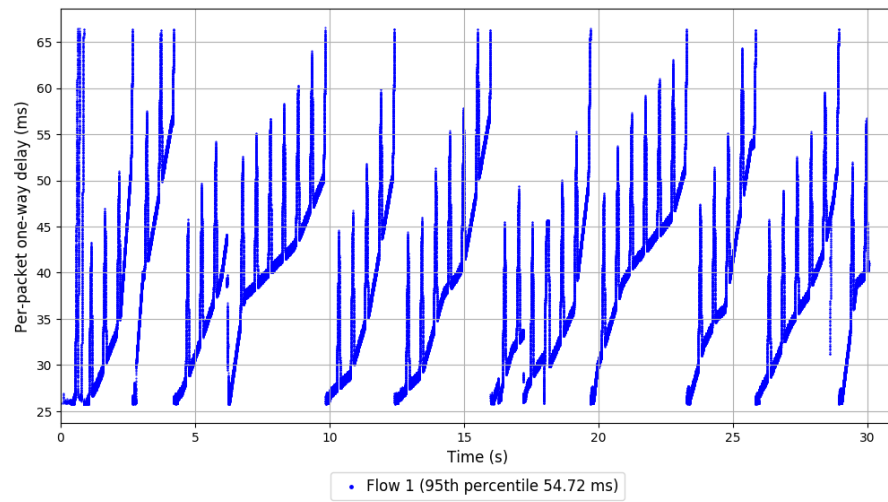
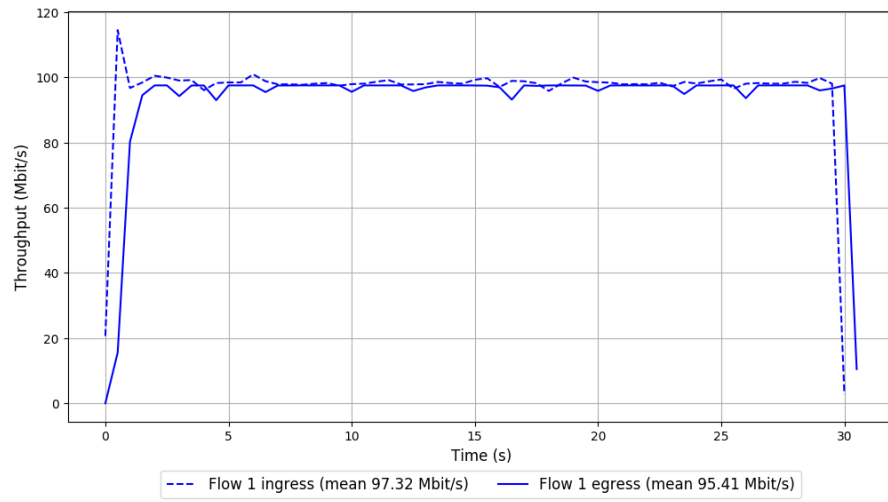


Run 5: Statistics of TCP BBR

Start at: 2019-07-17 20:19:19
End at: 2019-07-17 20:19:49
Local clock offset: 0.219 ms
Remote clock offset: -2.742 ms

Below is generated by plot.py at 2019-07-17 20:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 54.721 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 54.721 ms
Loss rate: 1.91%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

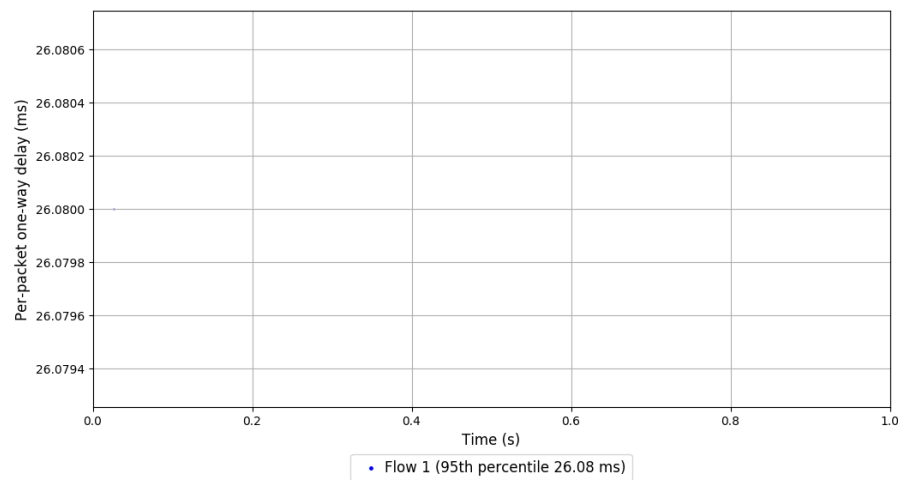
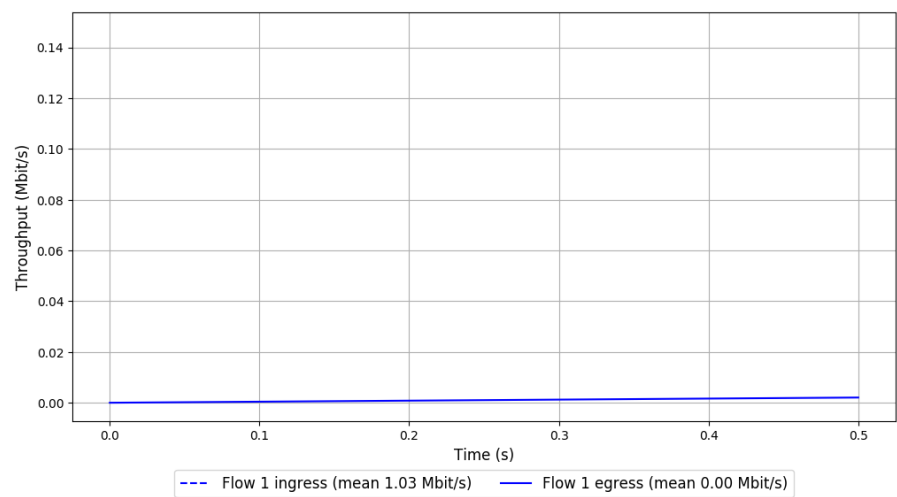
Start at: 2019-07-17 17:54:57

End at: 2019-07-17 17:55:27

Local clock offset: -7.159 ms

Remote clock offset: -2.959 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

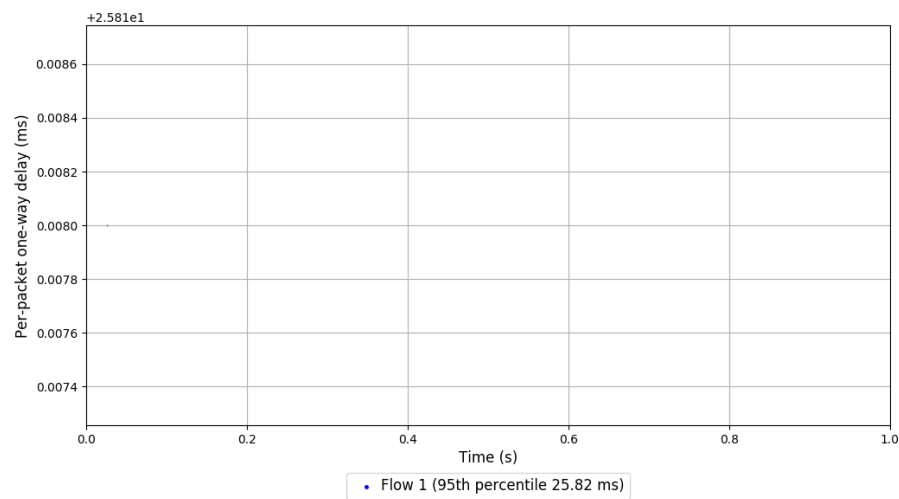
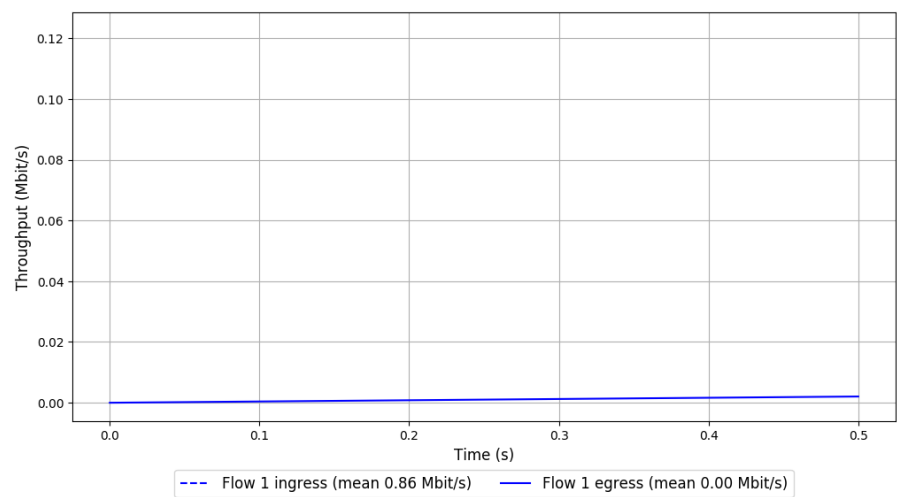
Start at: 2019-07-17 18:34:19

End at: 2019-07-17 18:34:49

Local clock offset: -0.299 ms

Remote clock offset: -2.514 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

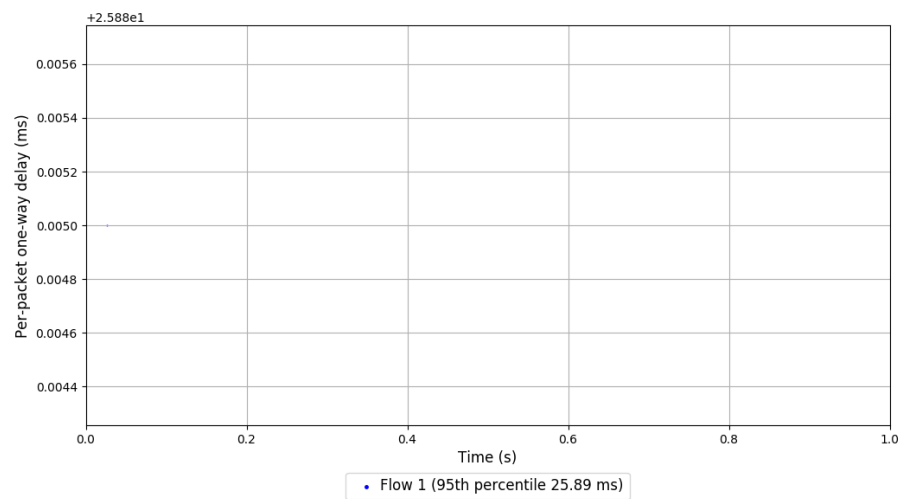
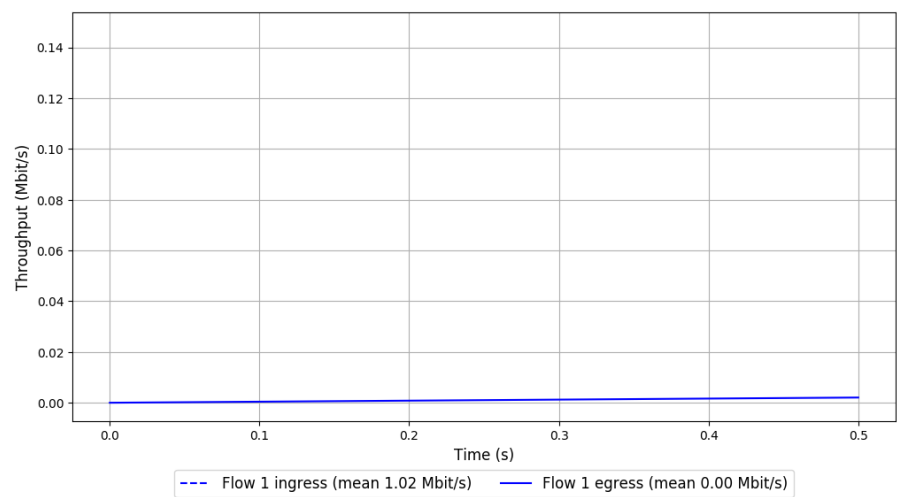
Start at: 2019-07-17 19:09:37

End at: 2019-07-17 19:10:07

Local clock offset: -2.774 ms

Remote clock offset: -2.454 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

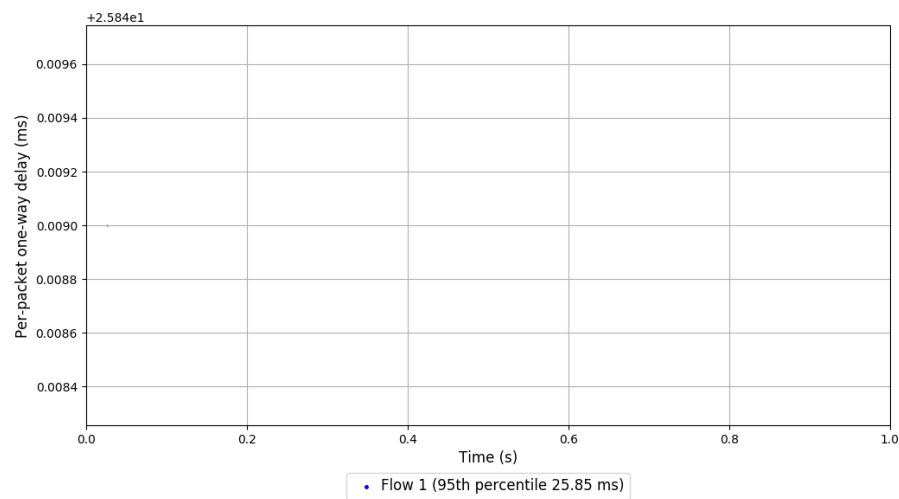
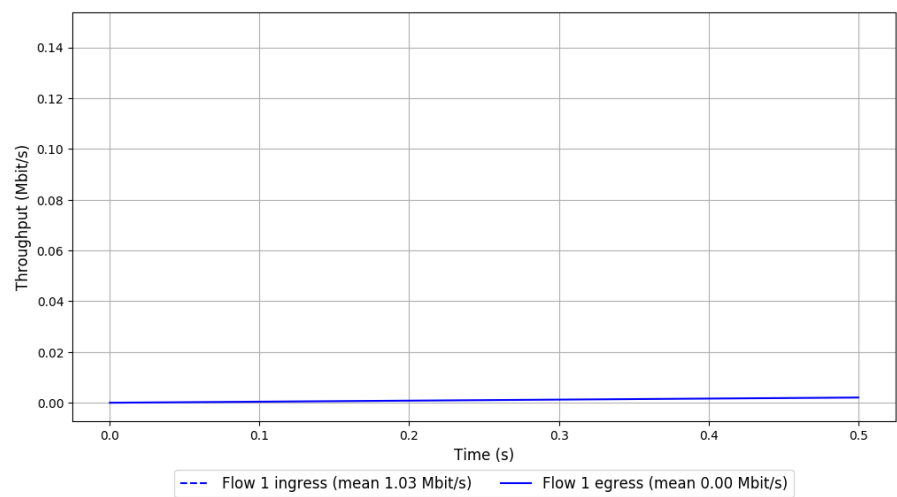
Start at: 2019-07-17 19:44:47

End at: 2019-07-17 19:45:17

Local clock offset: -3.061 ms

Remote clock offset: -2.441 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

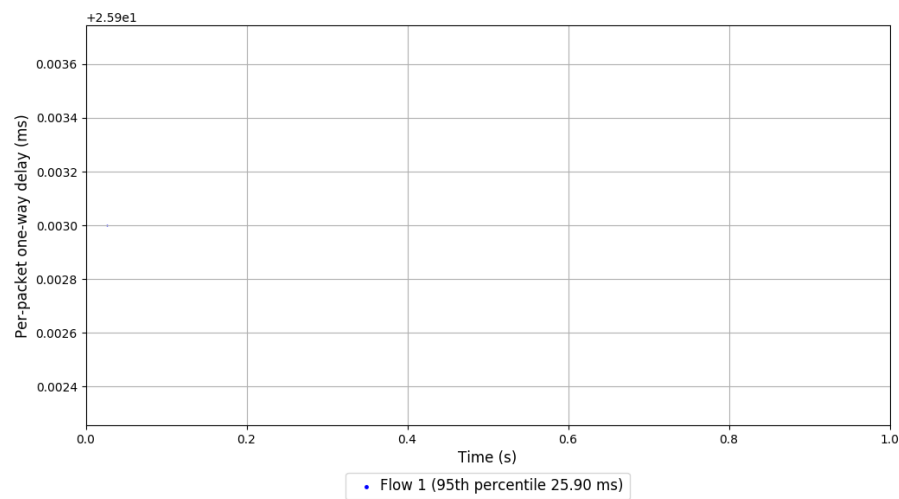
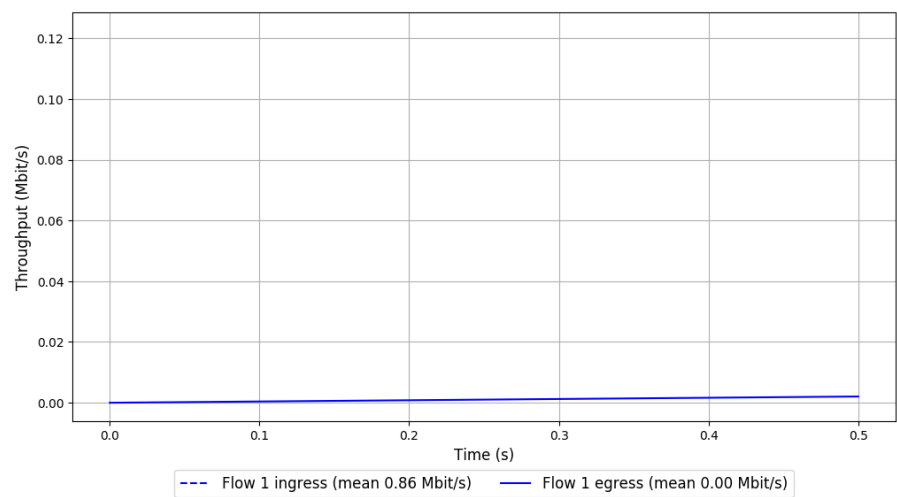
Start at: 2019-07-17 20:18:12

End at: 2019-07-17 20:18:42

Local clock offset: 0.181 ms

Remote clock offset: -2.734 ms

Run 5: Report of Copa — Data Link

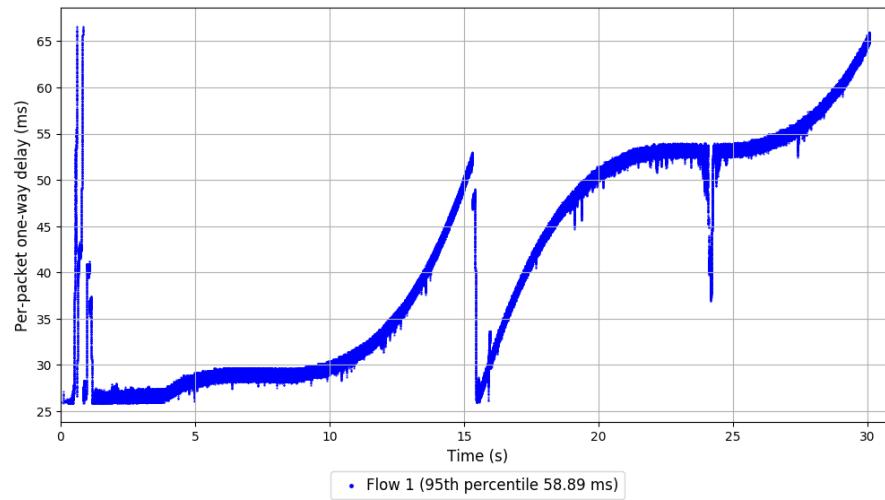
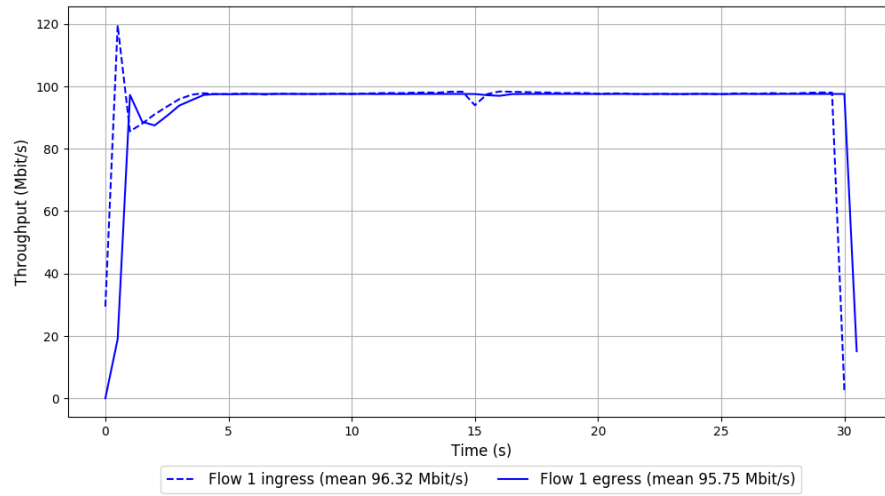


Run 1: Statistics of TCP Cubic

Start at: 2019-07-17 17:32:00
End at: 2019-07-17 17:32:30
Local clock offset: -7.198 ms
Remote clock offset: -3.347 ms

Below is generated by plot.py at 2019-07-17 20:25:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 58.893 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 58.893 ms
Loss rate: 0.46%

Run 1: Report of TCP Cubic — Data Link

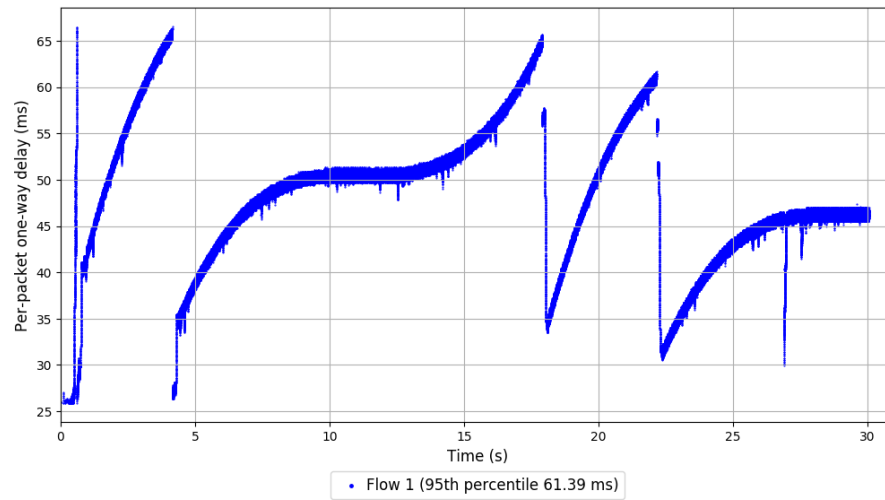
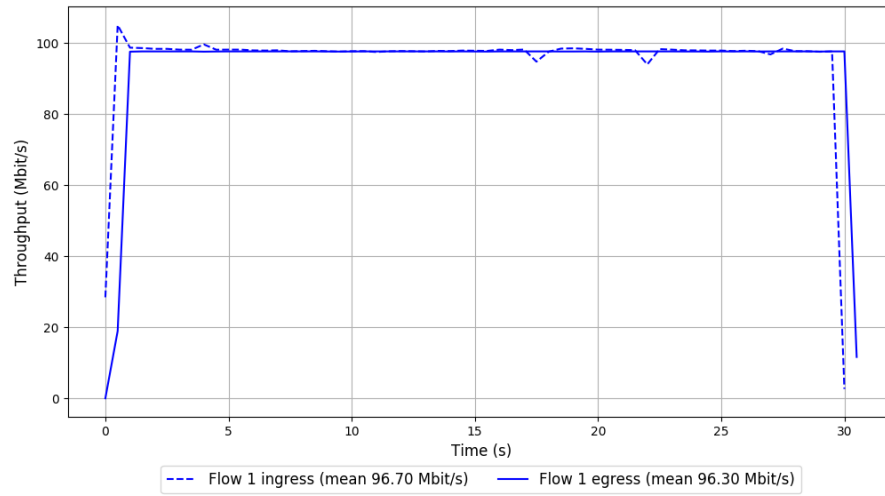


Run 2: Statistics of TCP Cubic

Start at: 2019-07-17 18:08:35
End at: 2019-07-17 18:09:05
Local clock offset: -1.747 ms
Remote clock offset: -2.726 ms

Below is generated by plot.py at 2019-07-17 20:25:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 61.393 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 61.393 ms
Loss rate: 0.34%

Run 2: Report of TCP Cubic — Data Link

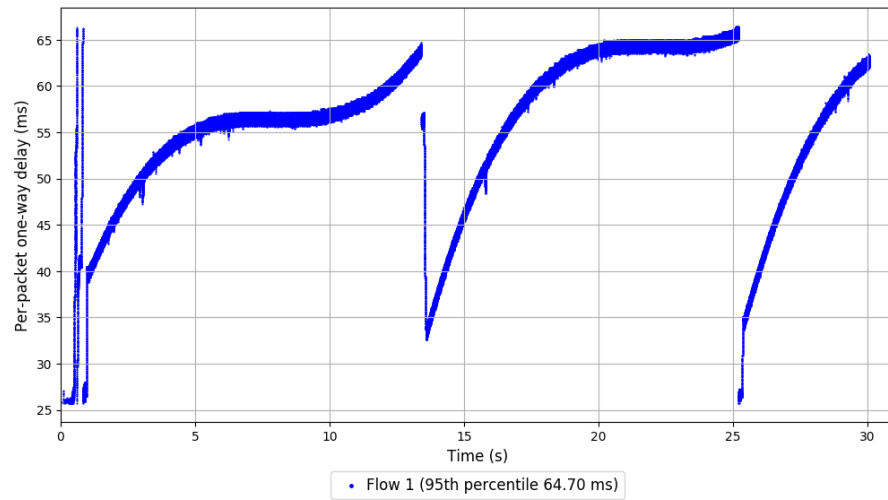
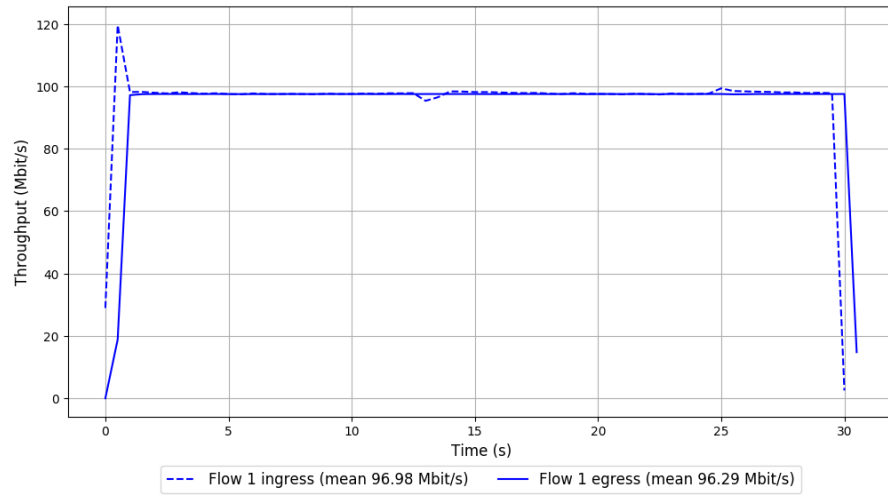


Run 3: Statistics of TCP Cubic

Start at: 2019-07-17 18:45:54
End at: 2019-07-17 18:46:25
Local clock offset: -0.177 ms
Remote clock offset: -2.478 ms

Below is generated by plot.py at 2019-07-17 20:25:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 64.703 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 64.703 ms
Loss rate: 0.59%

Run 3: Report of TCP Cubic — Data Link

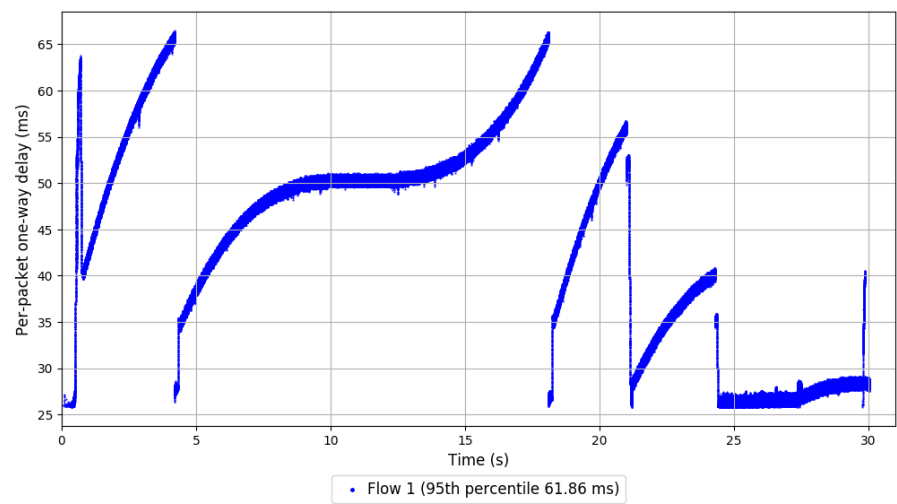
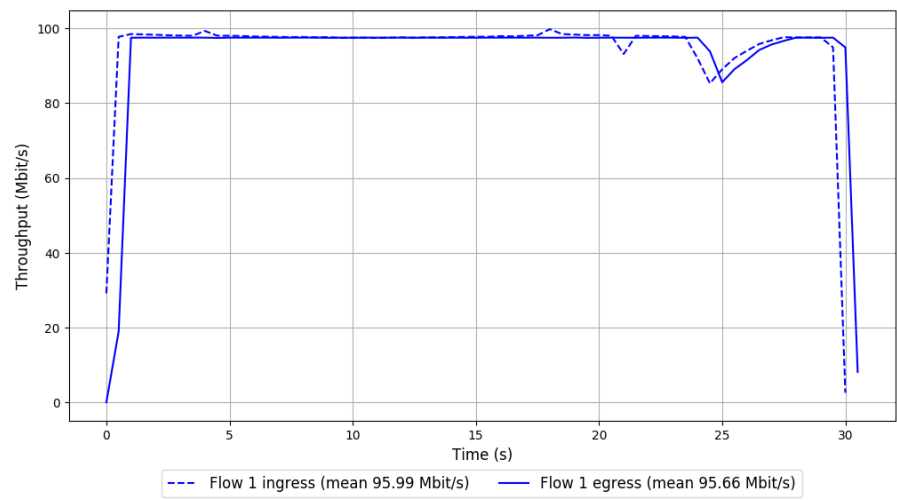


Run 4: Statistics of TCP Cubic

Start at: 2019-07-17 19:21:41
End at: 2019-07-17 19:22:11
Local clock offset: -3.497 ms
Remote clock offset: -2.453 ms

Below is generated by plot.py at 2019-07-17 20:26:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 61.858 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 61.858 ms
Loss rate: 0.33%

Run 4: Report of TCP Cubic — Data Link

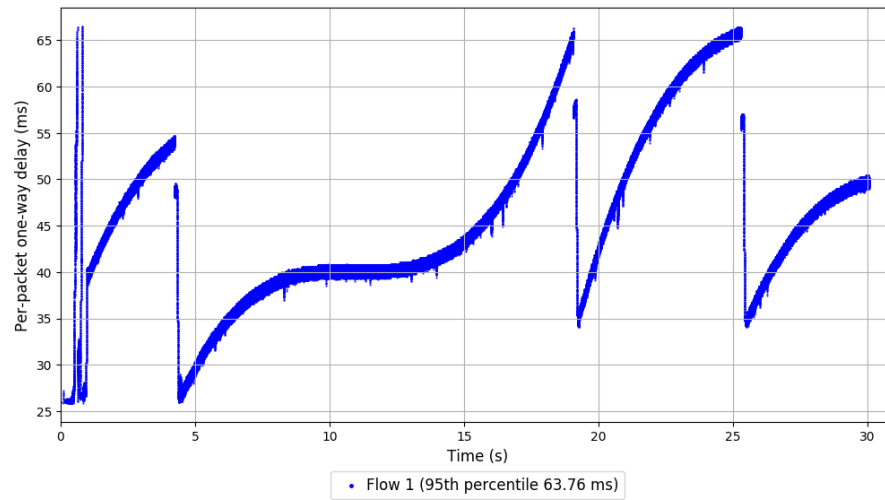
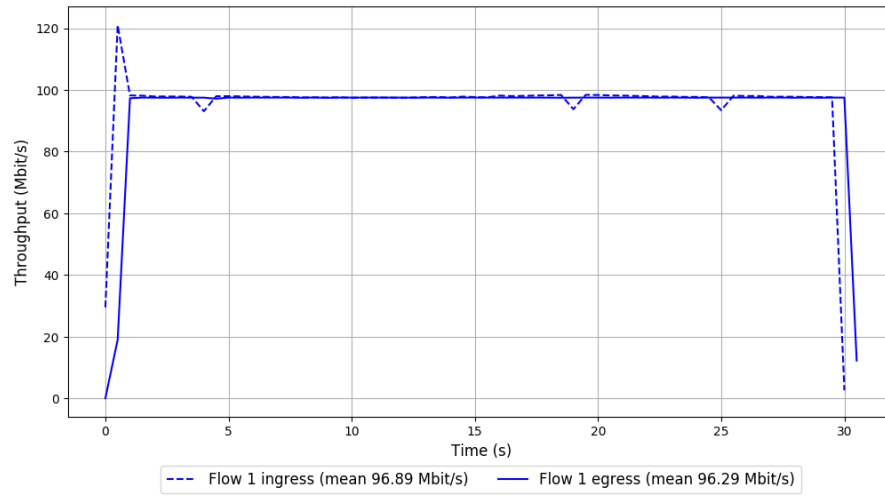


Run 5: Statistics of TCP Cubic

Start at: 2019-07-17 19:55:53
End at: 2019-07-17 19:56:23
Local clock offset: -2.756 ms
Remote clock offset: -2.355 ms

Below is generated by plot.py at 2019-07-17 20:26:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 63.763 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 63.763 ms
Loss rate: 0.53%

Run 5: Report of TCP Cubic — Data Link

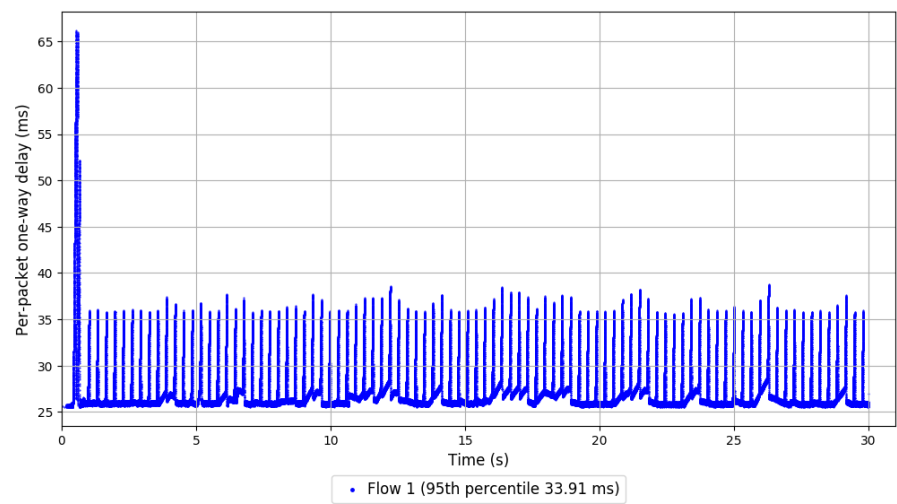
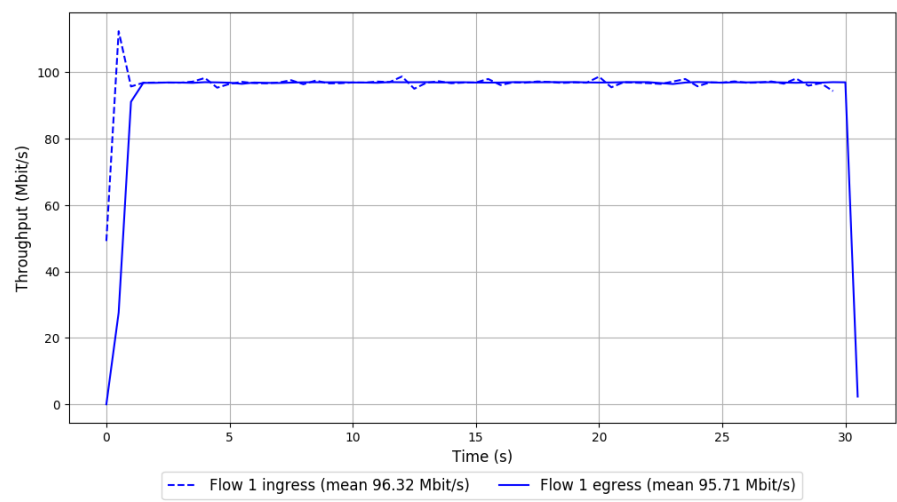


Run 1: Statistics of FillP

Start at: 2019-07-17 17:52:10
End at: 2019-07-17 17:52:41
Local clock offset: -6.941 ms
Remote clock offset: -3.023 ms

Below is generated by plot.py at 2019-07-17 20:26:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 33.909 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 33.909 ms
Loss rate: 0.64%

Run 1: Report of FillP — Data Link

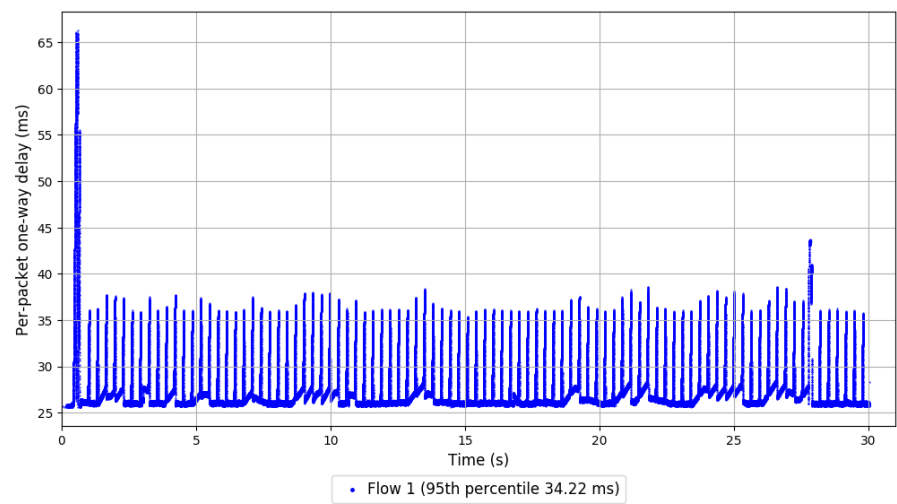
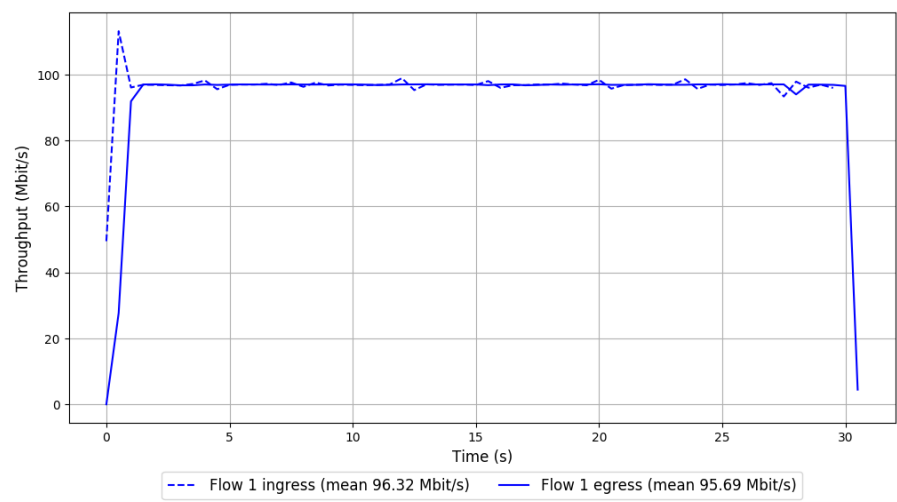


Run 2: Statistics of FillP

Start at: 2019-07-17 18:31:16
End at: 2019-07-17 18:31:46
Local clock offset: -0.437 ms
Remote clock offset: -2.533 ms

Below is generated by plot.py at 2019-07-17 20:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 34.221 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 34.221 ms
Loss rate: 0.64%

Run 2: Report of FillP — Data Link

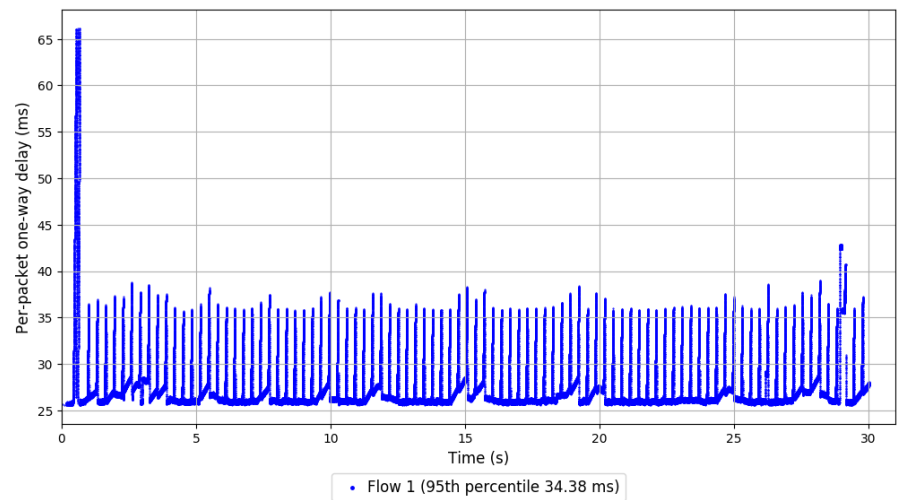
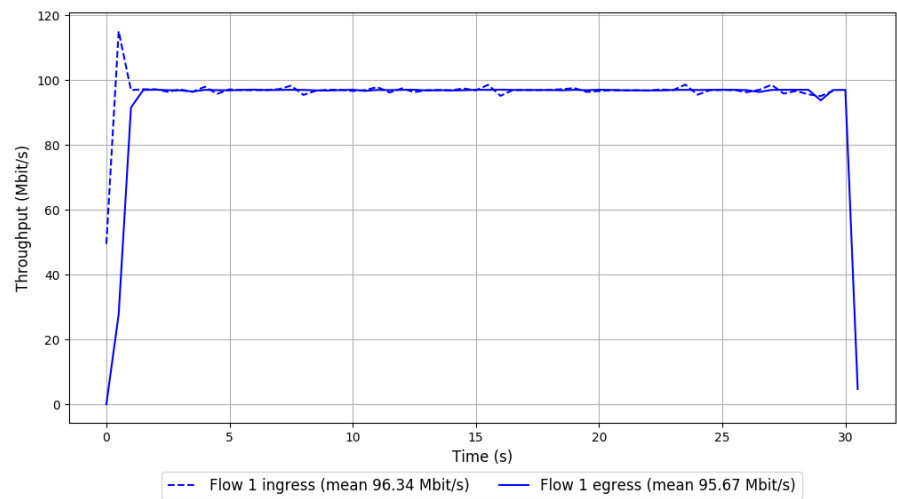


Run 3: Statistics of FillP

Start at: 2019-07-17 19:06:36
End at: 2019-07-17 19:07:06
Local clock offset: -2.435 ms
Remote clock offset: -2.378 ms

Below is generated by plot.py at 2019-07-17 20:27:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 34.381 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 34.381 ms
Loss rate: 0.70%

Run 3: Report of FillP — Data Link

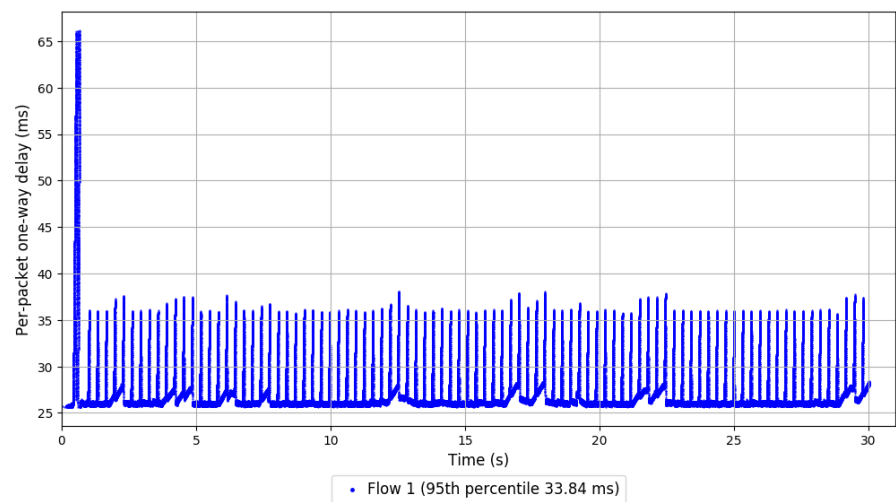
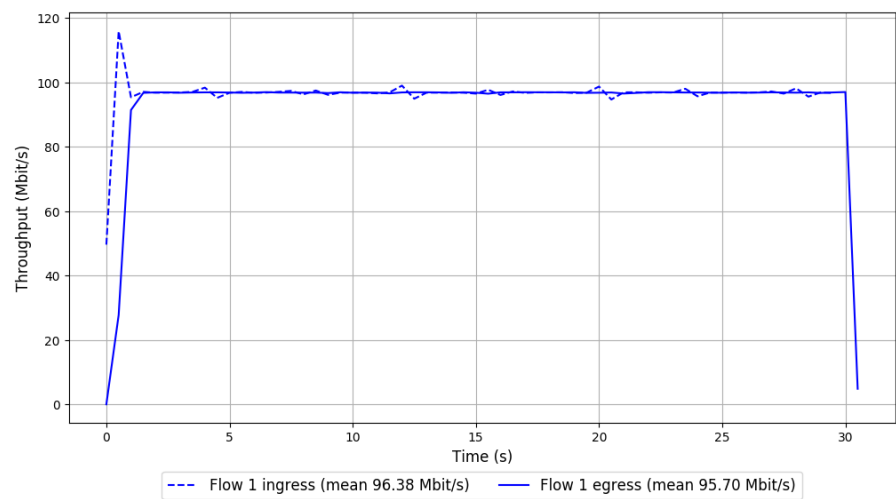


Run 4: Statistics of FillP

Start at: 2019-07-17 19:41:44
End at: 2019-07-17 19:42:14
Local clock offset: -3.039 ms
Remote clock offset: -2.391 ms

Below is generated by plot.py at 2019-07-17 20:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 33.838 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 33.838 ms
Loss rate: 0.69%

Run 4: Report of FillP — Data Link

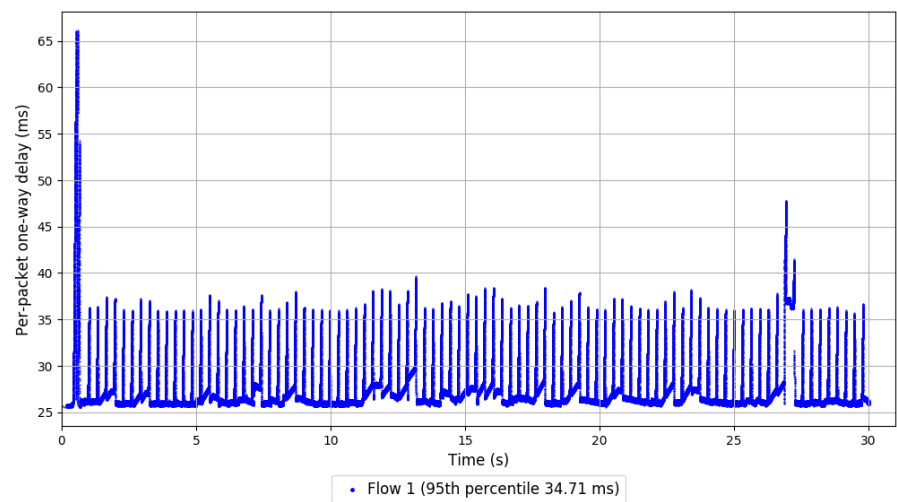
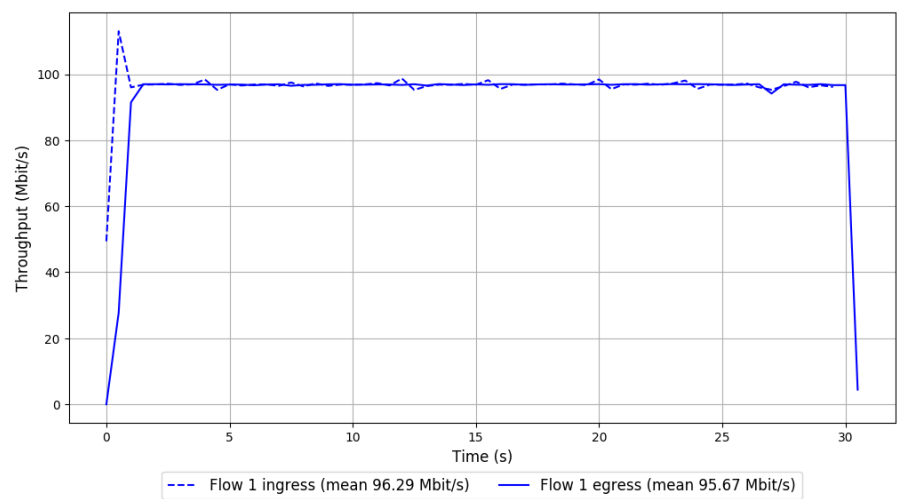


Run 5: Statistics of FillP

Start at: 2019-07-17 20:15:25
End at: 2019-07-17 20:15:55
Local clock offset: 0.075 ms
Remote clock offset: -2.714 ms

Below is generated by plot.py at 2019-07-17 20:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 34.711 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 34.711 ms
Loss rate: 0.64%

Run 5: Report of FillP — Data Link

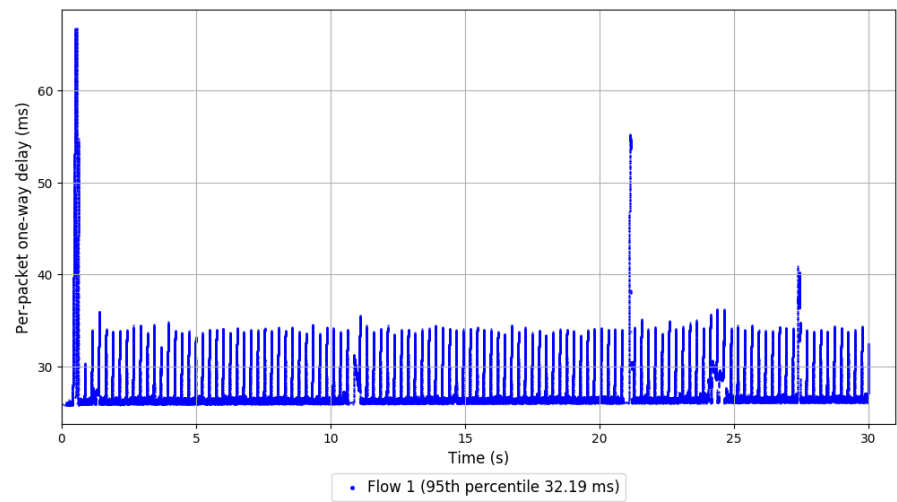
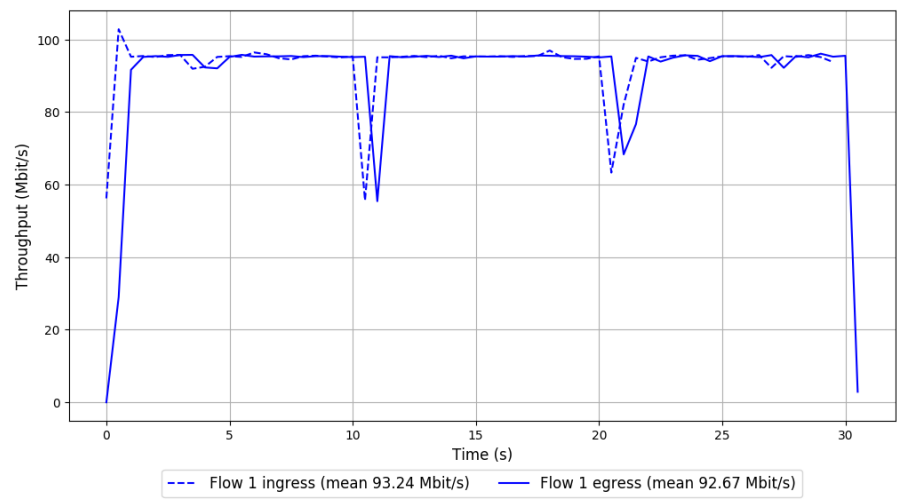


Run 1: Statistics of FillP-Sheep

Start at: 2019-07-17 17:59:09
End at: 2019-07-17 17:59:39
Local clock offset: -4.529 ms
Remote clock offset: -2.929 ms

Below is generated by plot.py at 2019-07-17 20:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 32.190 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 32.190 ms
Loss rate: 0.60%

Run 1: Report of FillP-Sheep — Data Link

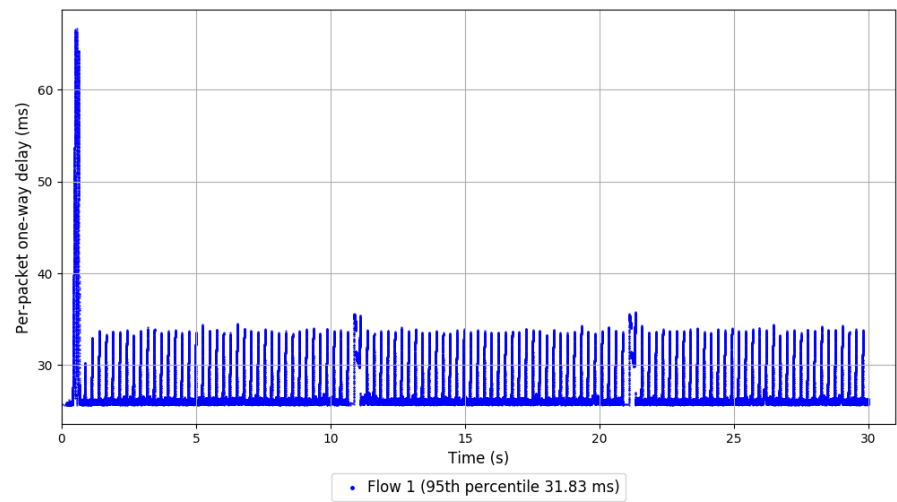
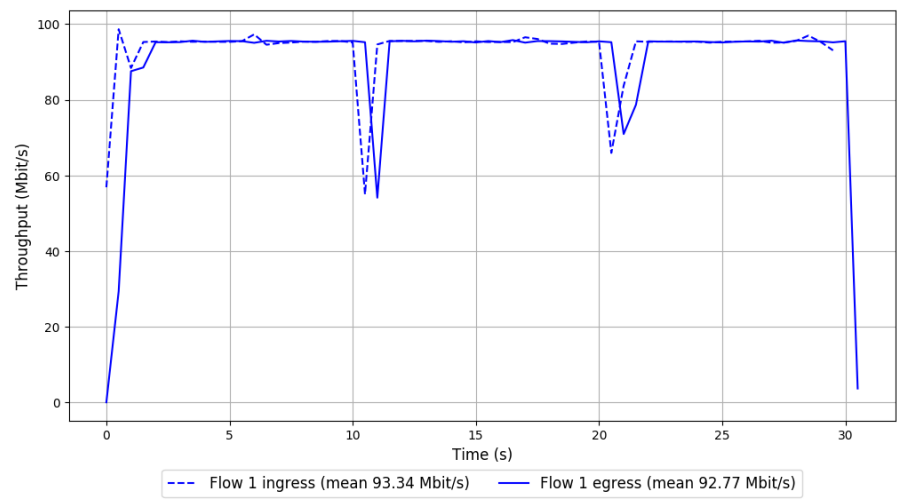


Run 2: Statistics of FillP-Sheep

Start at: 2019-07-17 18:38:43
End at: 2019-07-17 18:39:13
Local clock offset: -0.228 ms
Remote clock offset: -2.468 ms

Below is generated by plot.py at 2019-07-17 20:28:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 31.828 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 31.828 ms
Loss rate: 0.60%

Run 2: Report of FillP-Sheep — Data Link

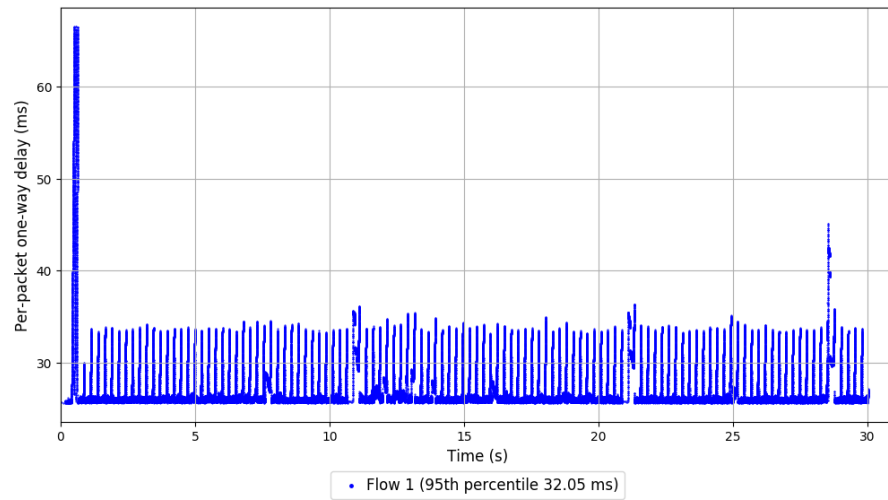
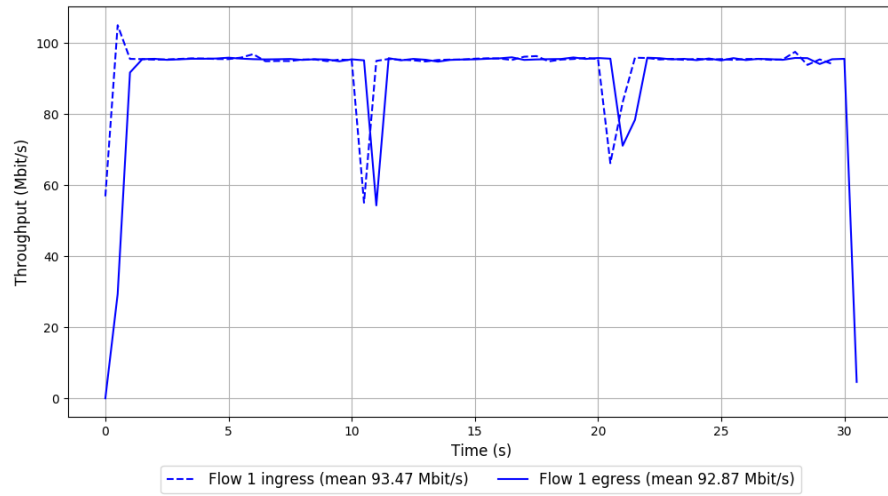


Run 3: Statistics of FillP-Sheep

Start at: 2019-07-17 19:13:51
End at: 2019-07-17 19:14:21
Local clock offset: -3.11 ms
Remote clock offset: -2.475 ms

Below is generated by plot.py at 2019-07-17 20:28:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 32.045 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 32.045 ms
Loss rate: 0.64%

Run 3: Report of FillP-Sheep — Data Link

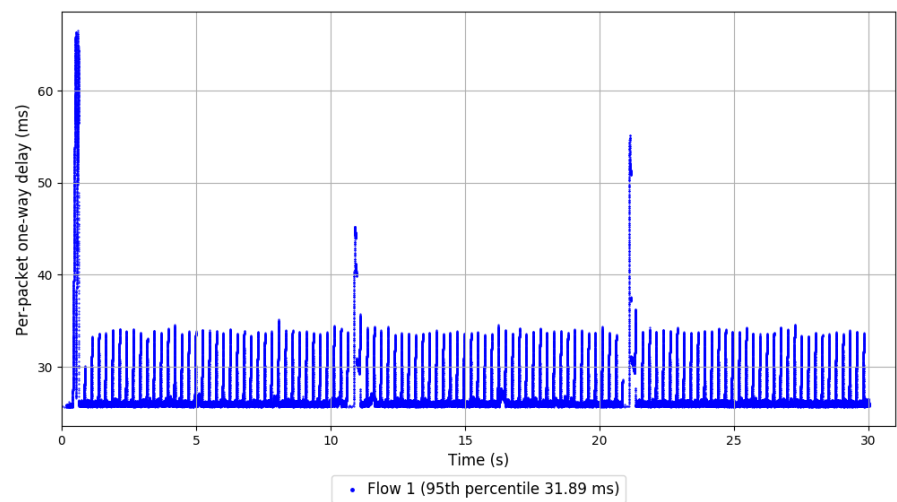
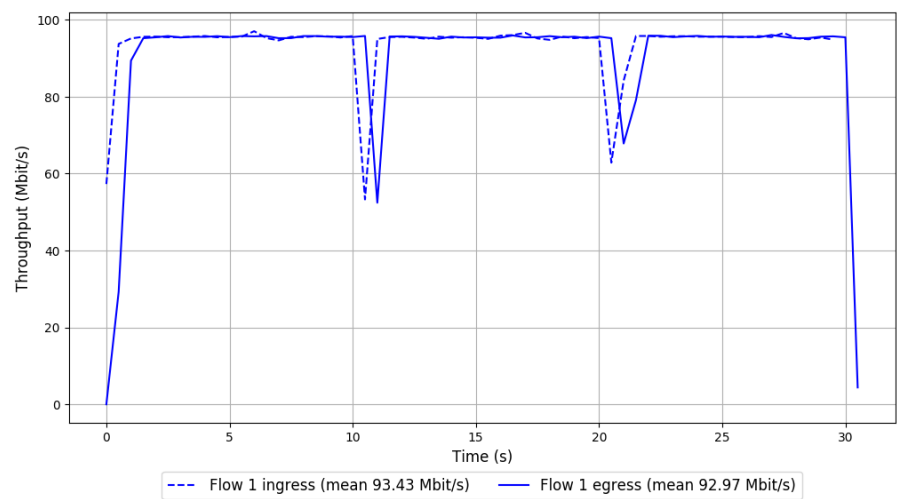


Run 4: Statistics of FillP-Sheep

Start at: 2019-07-17 19:49:09
End at: 2019-07-17 19:49:39
Local clock offset: -3.068 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2019-07-17 20:28:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 31.894 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 31.894 ms
Loss rate: 0.49%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-07-17 20:22:12

End at: 2019-07-17 20:22:42

Local clock offset: 0.257 ms

Remote clock offset: -2.756 ms

Below is generated by plot.py at 2019-07-17 20:28:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 31.940 ms

Loss rate: 0.60%

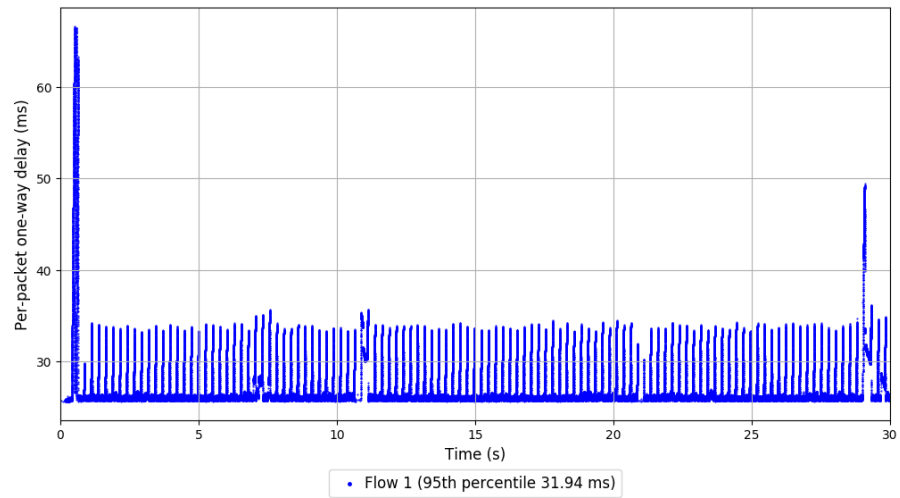
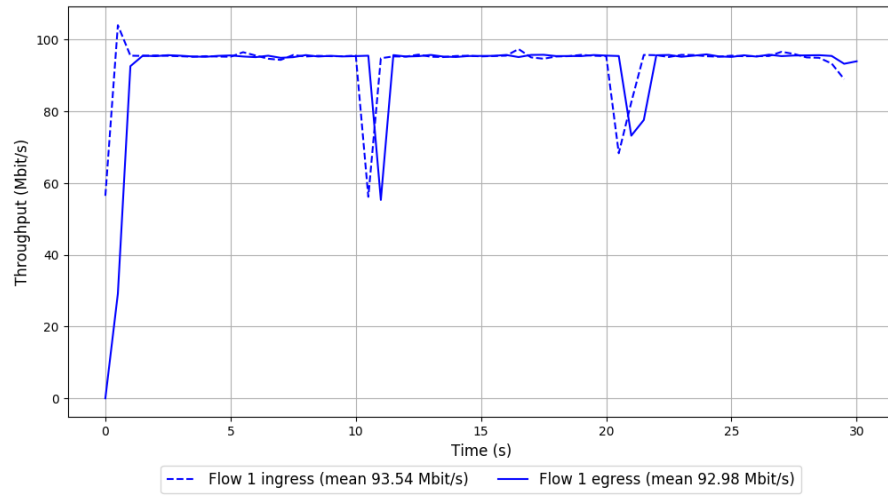
-- Flow 1:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 31.940 ms

Loss rate: 0.60%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-07-17 17:44:48

End at: 2019-07-17 17:45:18

Local clock offset: -6.312 ms

Remote clock offset: -3.157 ms

Below is generated by plot.py at 2019-07-17 20:28:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 29.428 ms

Loss rate: 0.00%

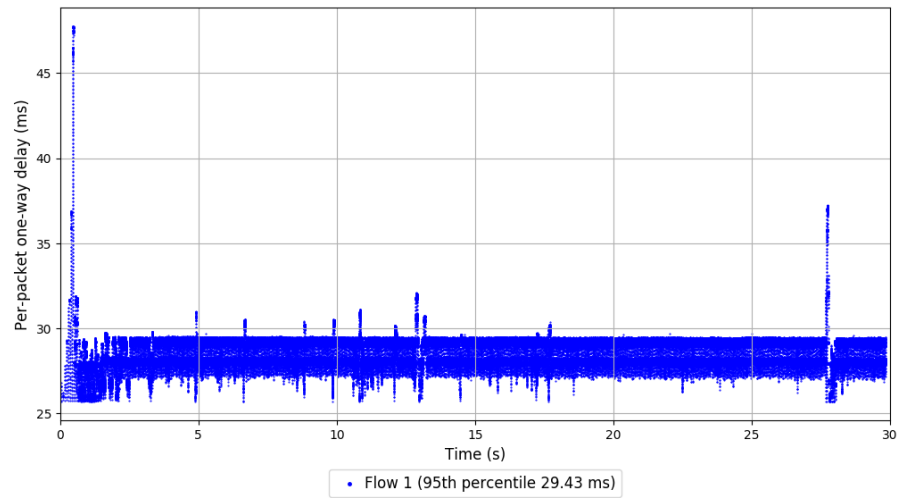
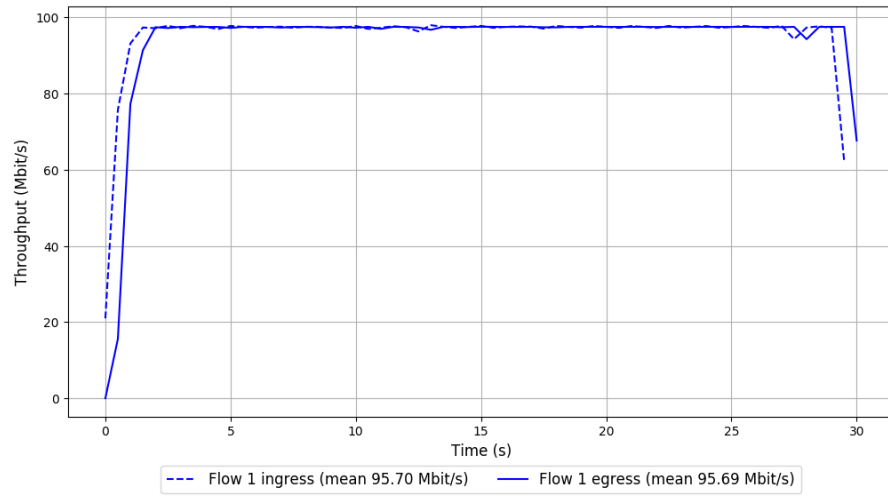
-- Flow 1:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 29.428 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-07-17 18:23:29

End at: 2019-07-17 18:23:59

Local clock offset: -0.93 ms

Remote clock offset: -2.561 ms

Below is generated by plot.py at 2019-07-17 20:28:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 29.484 ms

Loss rate: 0.00%

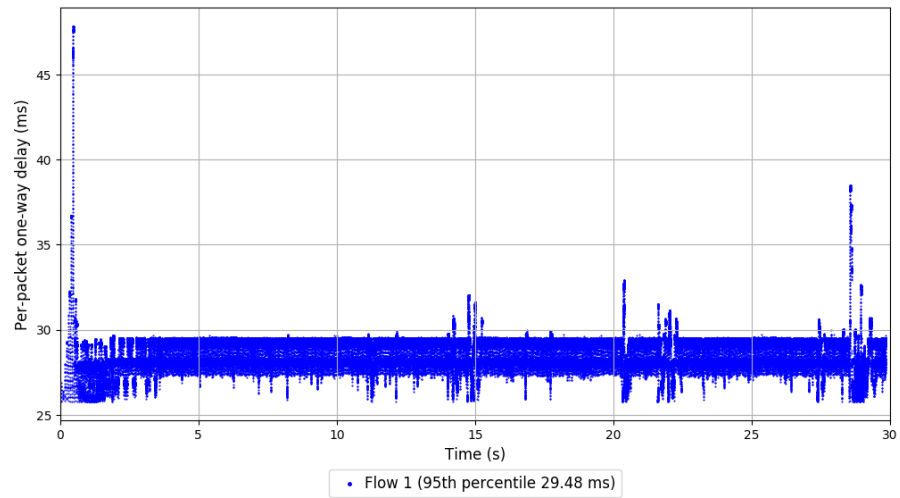
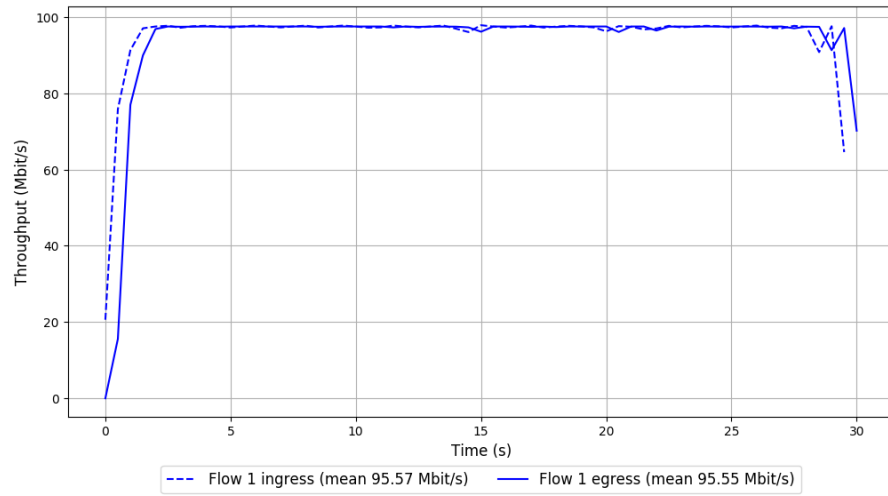
-- Flow 1:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 29.484 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

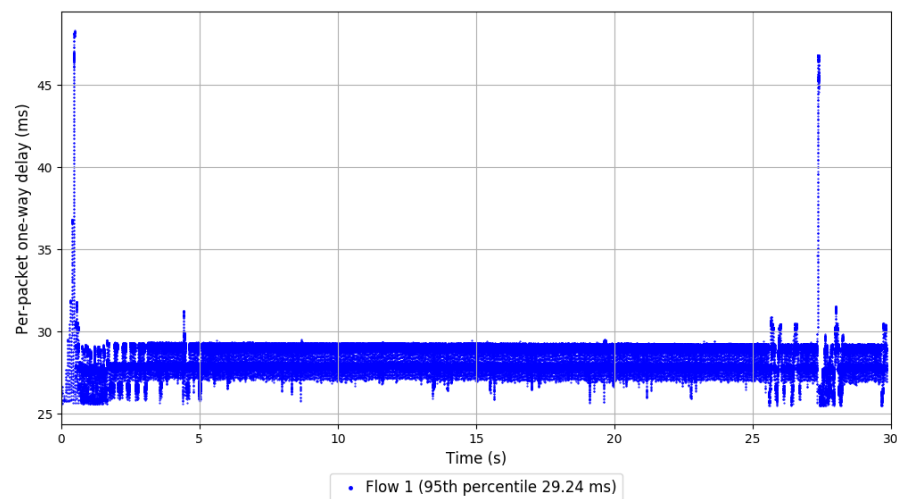
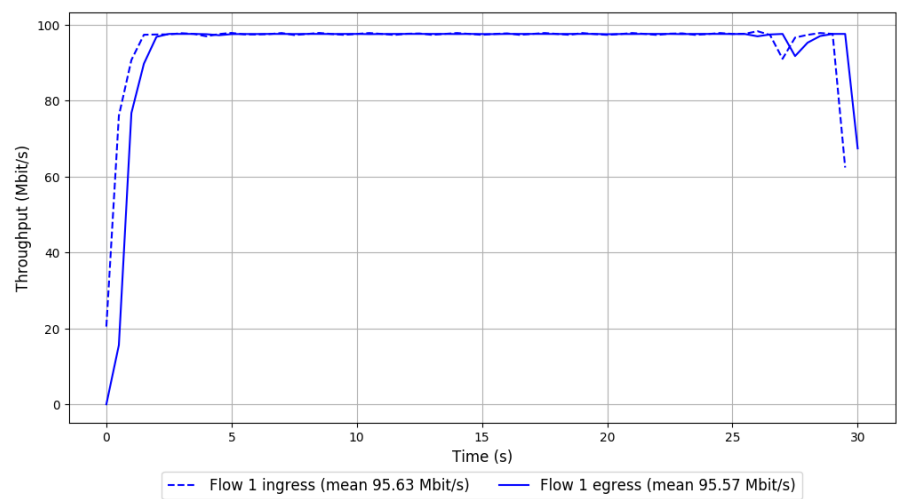


Run 3: Statistics of Indigo

Start at: 2019-07-17 18:58:41
End at: 2019-07-17 18:59:11
Local clock offset: -1.173 ms
Remote clock offset: -2.359 ms

Below is generated by plot.py at 2019-07-17 20:28:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 29.239 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 29.239 ms
Loss rate: 0.05%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-07-17 19:34:14

End at: 2019-07-17 19:34:44

Local clock offset: -3.103 ms

Remote clock offset: -2.45 ms

Below is generated by plot.py at 2019-07-17 20:28:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 29.461 ms

Loss rate: 0.00%

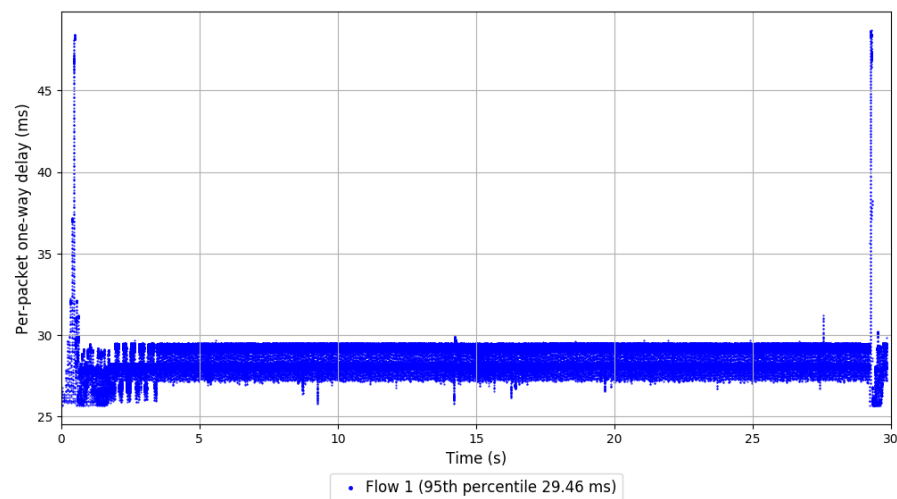
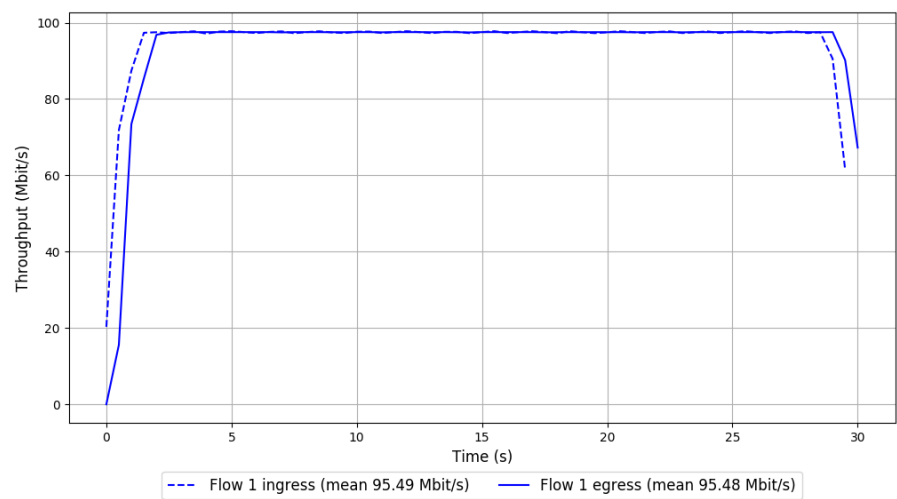
-- Flow 1:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 29.461 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

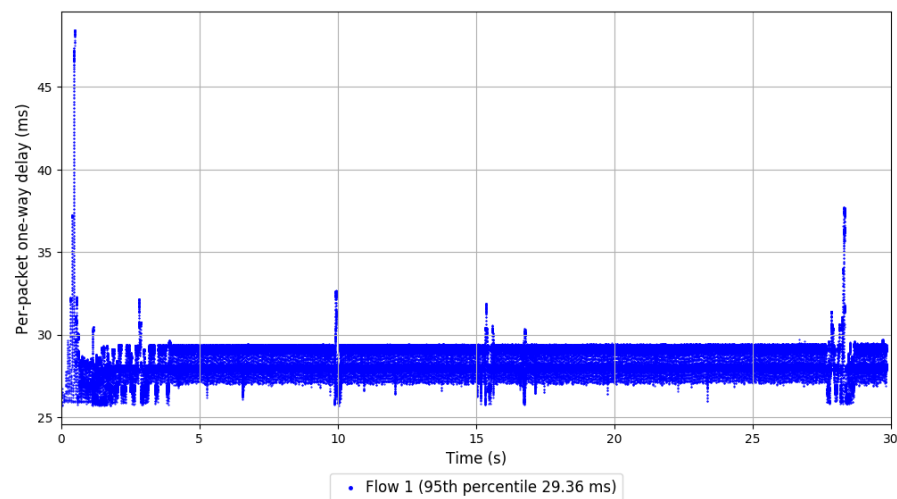
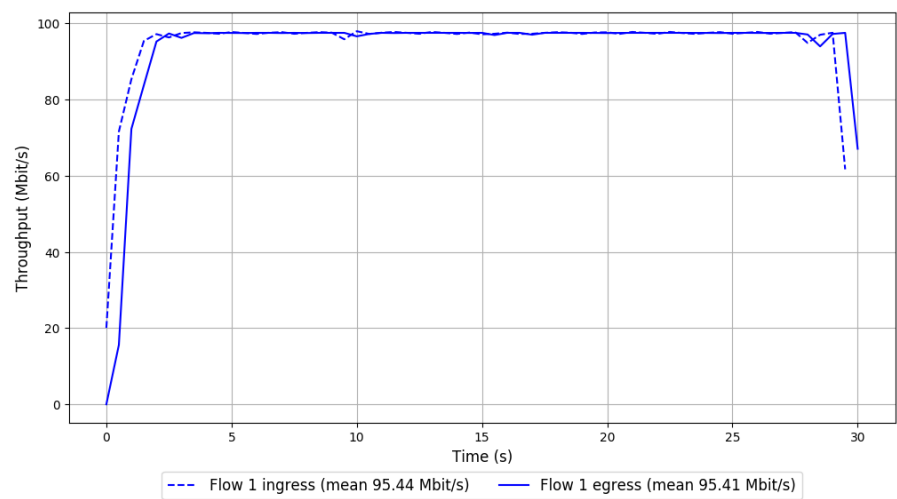


Run 5: Statistics of Indigo

Start at: 2019-07-17 20:08:13
End at: 2019-07-17 20:08:43
Local clock offset: -0.338 ms
Remote clock offset: -2.747 ms

Below is generated by plot.py at 2019-07-17 20:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 29.361 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 29.361 ms
Loss rate: 0.03%

Run 5: Report of Indigo — Data Link

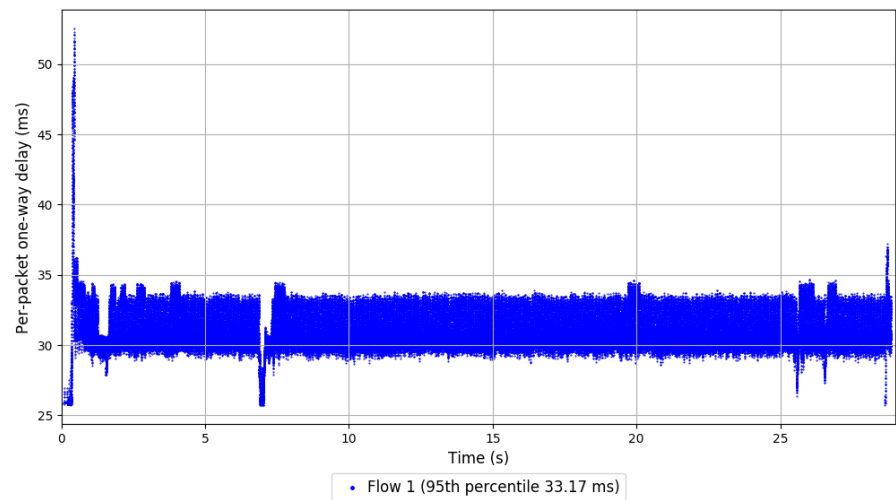
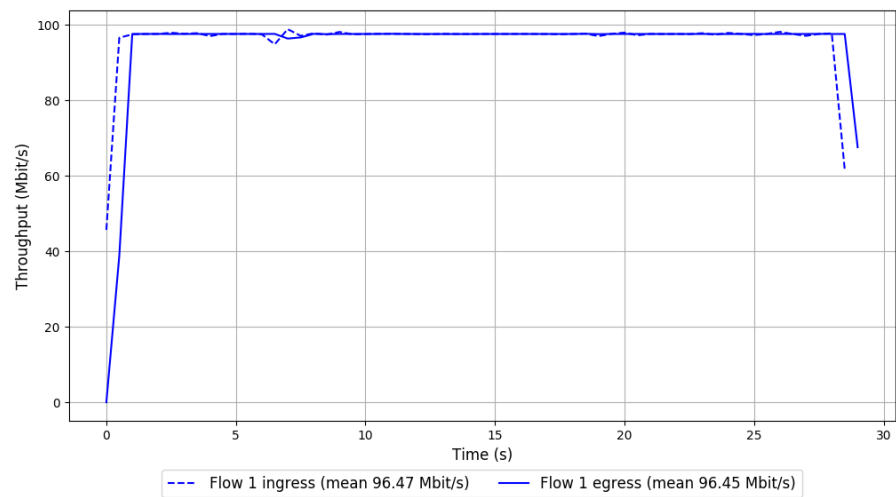


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-07-17 17:47:50
End at: 2019-07-17 17:48:20
Local clock offset: -6.566 ms
Remote clock offset: -3.143 ms

Below is generated by plot.py at 2019-07-17 20:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 33.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 33.171 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

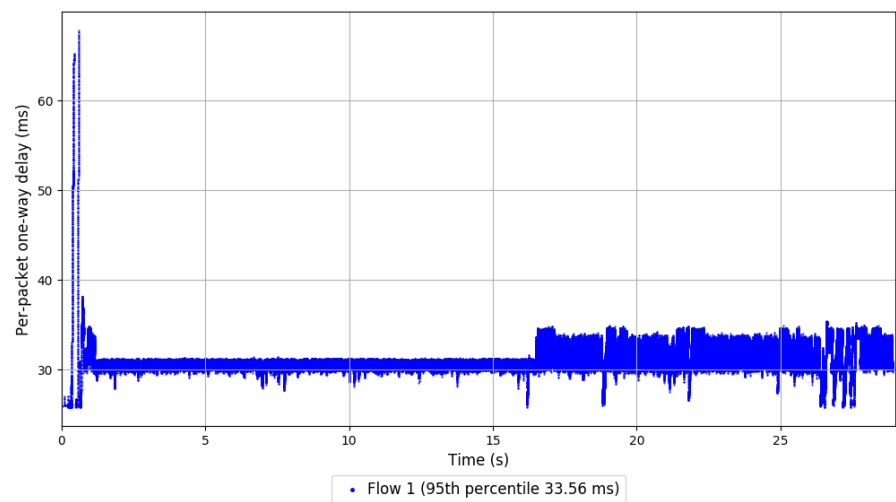
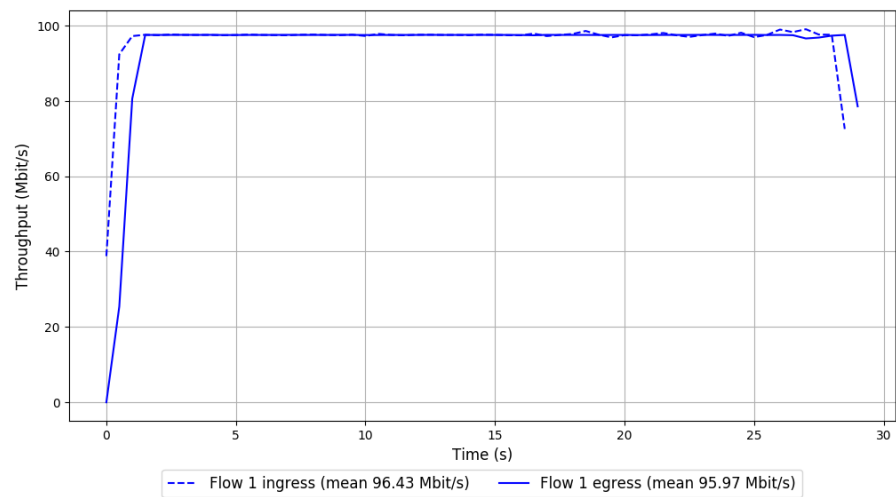


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-07-17 18:26:35
End at: 2019-07-17 18:27:06
Local clock offset: -0.758 ms
Remote clock offset: -2.451 ms

Below is generated by plot.py at 2019-07-17 20:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 33.563 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 33.563 ms
Loss rate: 0.45%

Run 2: Report of Indigo-MusesC3 — Data Link

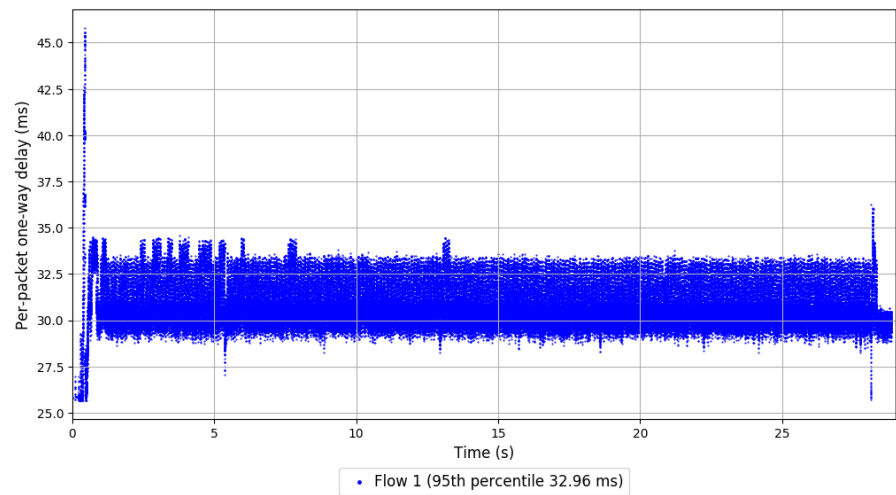
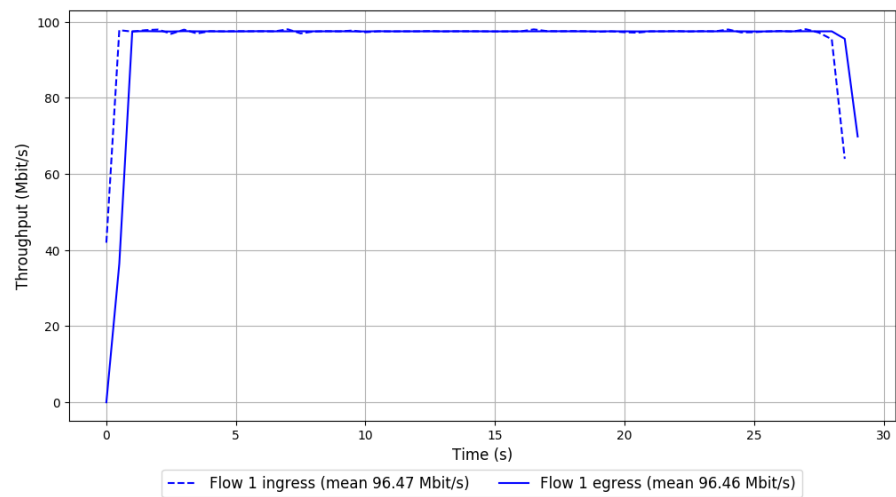


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-07-17 19:01:28
End at: 2019-07-17 19:01:58
Local clock offset: -1.726 ms
Remote clock offset: -2.298 ms

Below is generated by plot.py at 2019-07-17 20:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 32.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 32.961 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-07-17 19:37:04

End at: 2019-07-17 19:37:34

Local clock offset: -3.078 ms

Remote clock offset: -2.485 ms

Below is generated by plot.py at 2019-07-17 20:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 33.553 ms

Loss rate: 0.00%

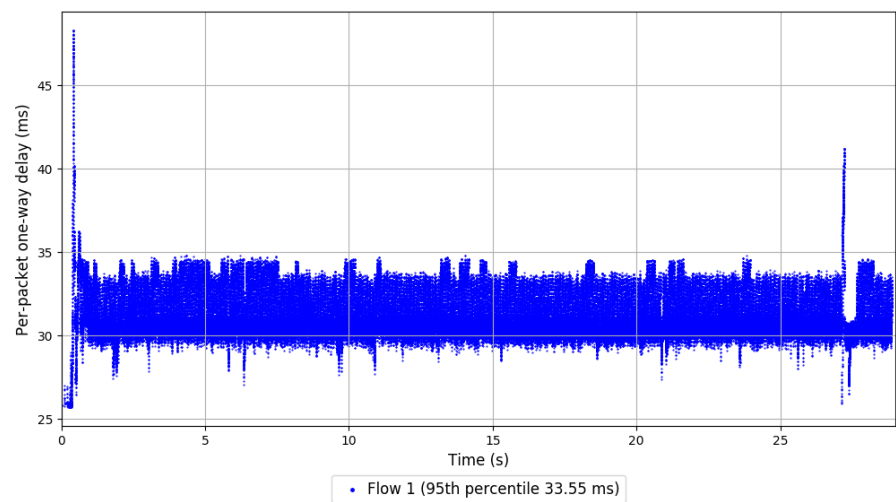
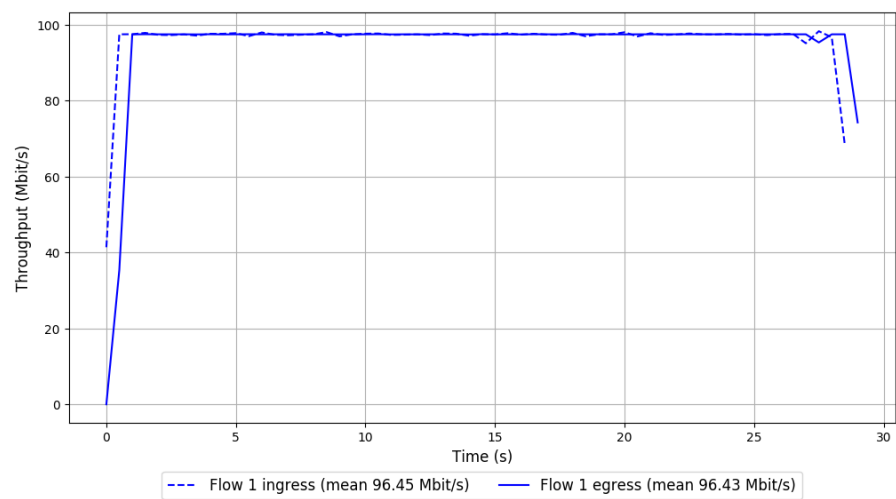
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 33.553 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

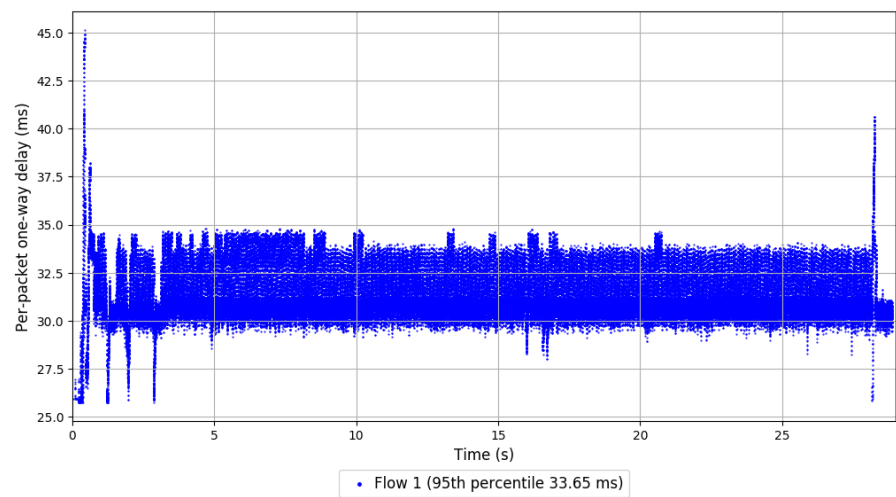
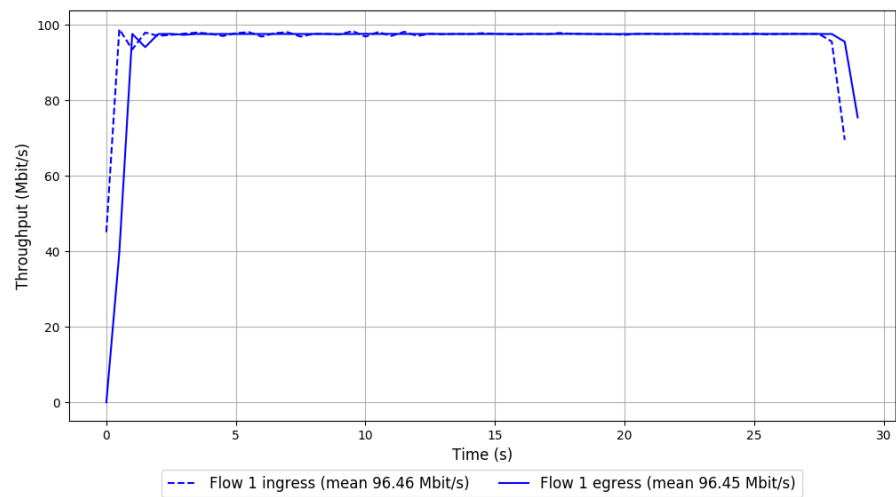


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-07-17 20:11:01
End at: 2019-07-17 20:11:31
Local clock offset: -0.115 ms
Remote clock offset: -2.663 ms

Below is generated by plot.py at 2019-07-17 20:29:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 33.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 33.651 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

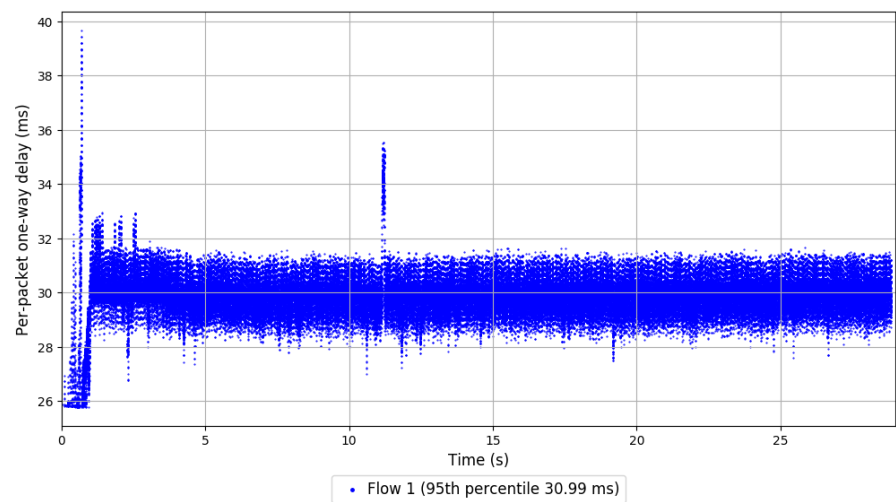
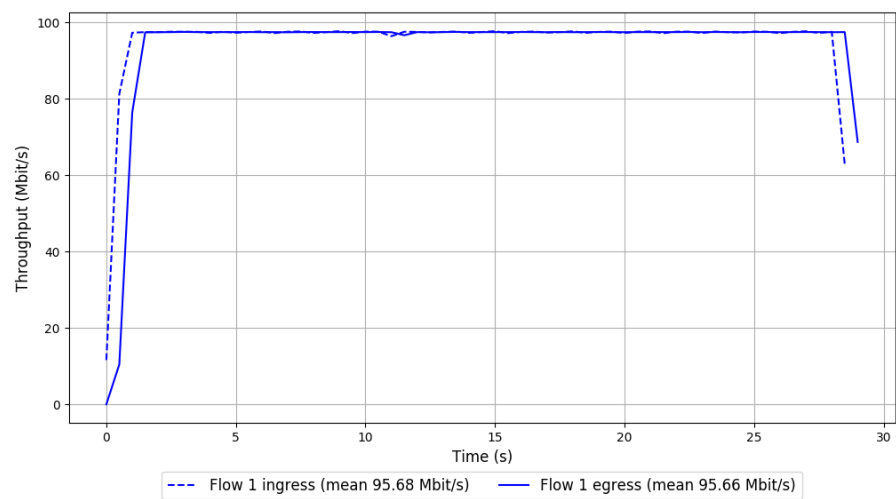


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-07-17 17:34:55
End at: 2019-07-17 17:35:25
Local clock offset: -6.548 ms
Remote clock offset: -3.344 ms

Below is generated by plot.py at 2019-07-17 20:29:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 30.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 30.988 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-07-17 18:12:26

End at: 2019-07-17 18:12:56

Local clock offset: -1.295 ms

Remote clock offset: -2.74 ms

Below is generated by plot.py at 2019-07-17 20:29:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 30.830 ms

Loss rate: 0.00%

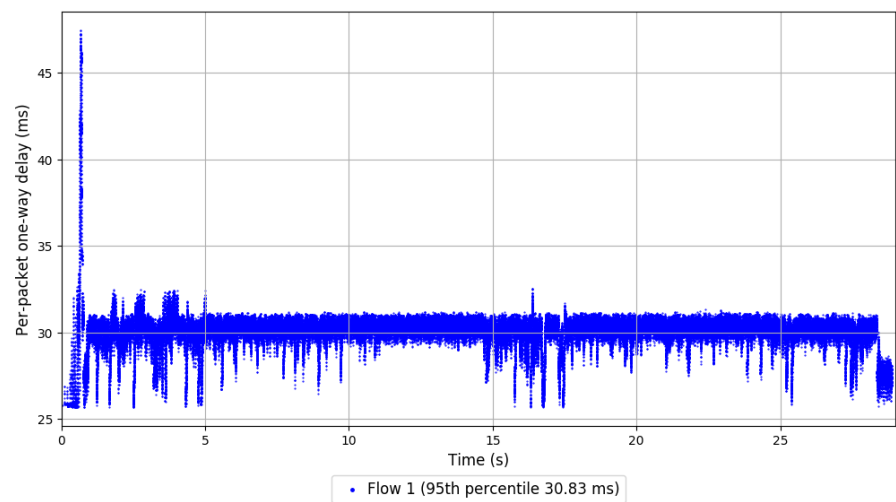
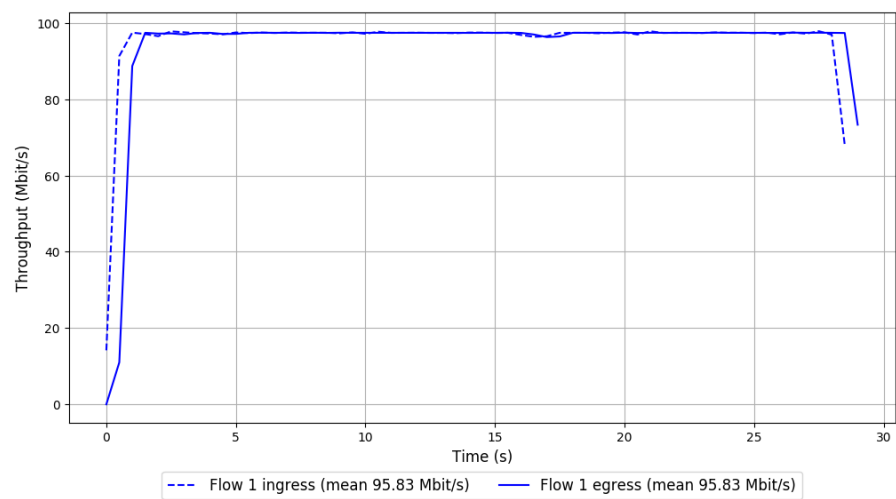
-- Flow 1:

Average throughput: 95.83 Mbit/s

95th percentile per-packet one-way delay: 30.830 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

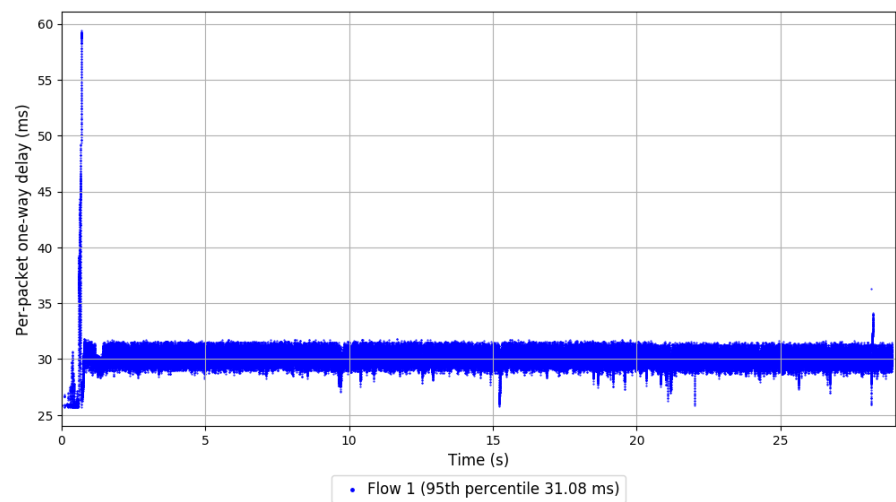
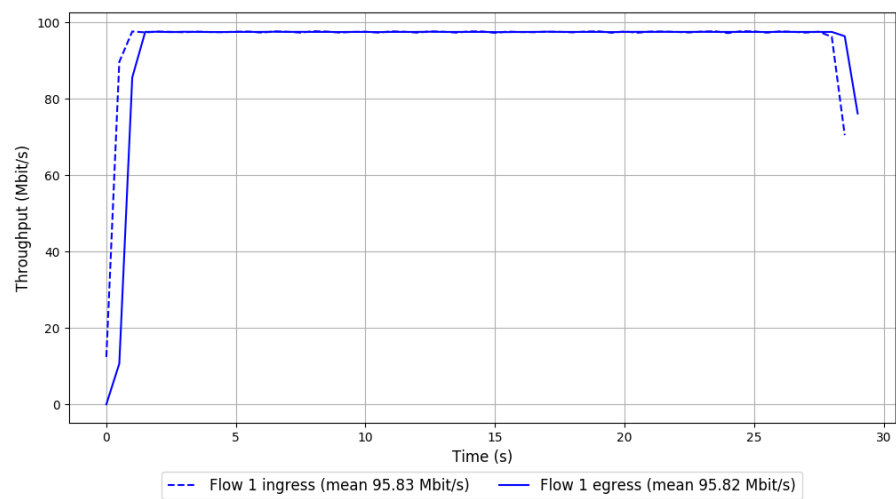


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-07-17 18:49:05
End at: 2019-07-17 18:49:35
Local clock offset: -0.133 ms
Remote clock offset: -2.378 ms

Below is generated by plot.py at 2019-07-17 20:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 31.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 31.081 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

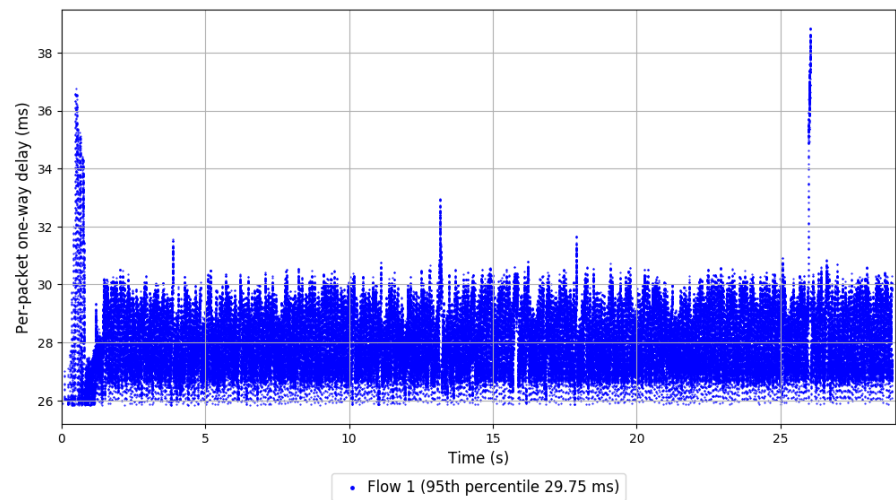
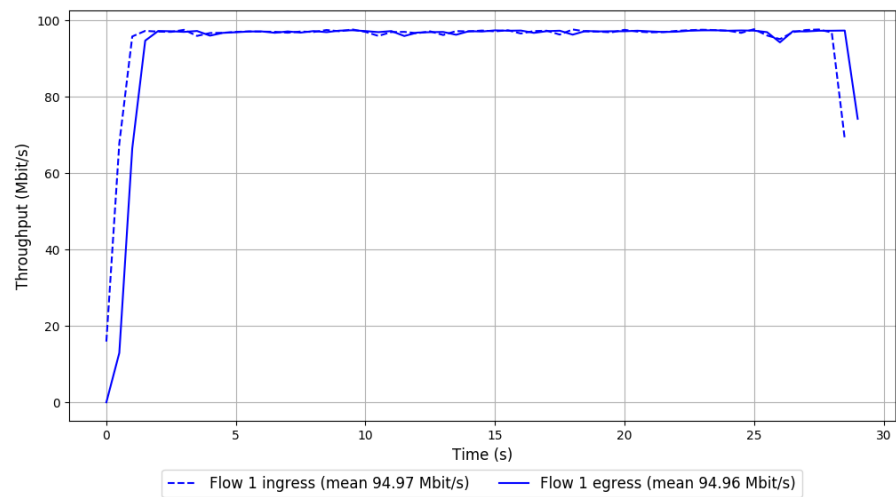


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-07-17 19:24:53
End at: 2019-07-17 19:25:23
Local clock offset: -3.593 ms
Remote clock offset: -2.369 ms

Below is generated by plot.py at 2019-07-17 20:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 29.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 29.753 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link

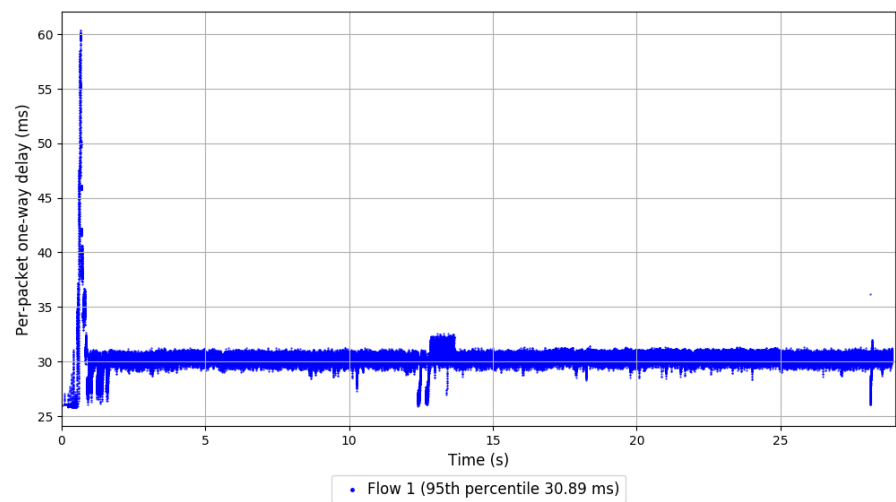
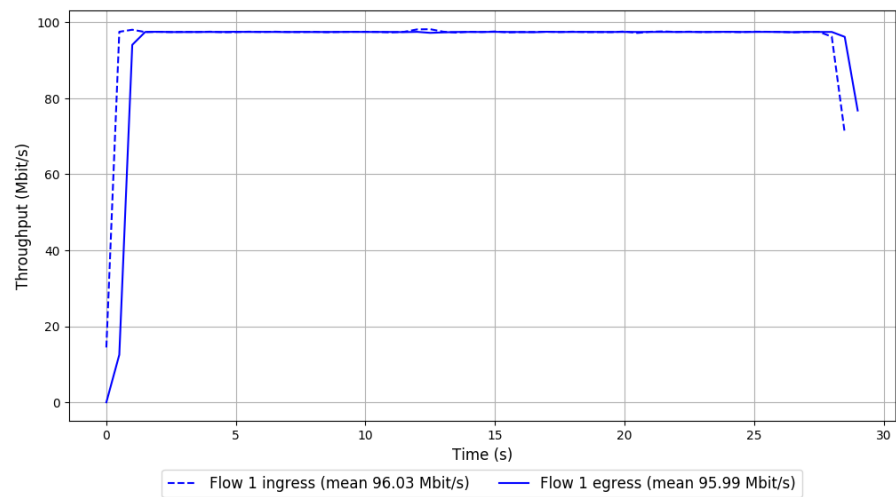


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-07-17 19:58:49
End at: 2019-07-17 19:59:19
Local clock offset: -1.895 ms
Remote clock offset: -2.521 ms

Below is generated by plot.py at 2019-07-17 20:30:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.893 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.893 ms
Loss rate: 0.03%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-07-17 17:33:27

End at: 2019-07-17 17:33:57

Local clock offset: -6.813 ms

Remote clock offset: -3.366 ms

Below is generated by plot.py at 2019-07-17 20:30:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 29.918 ms

Loss rate: 0.40%

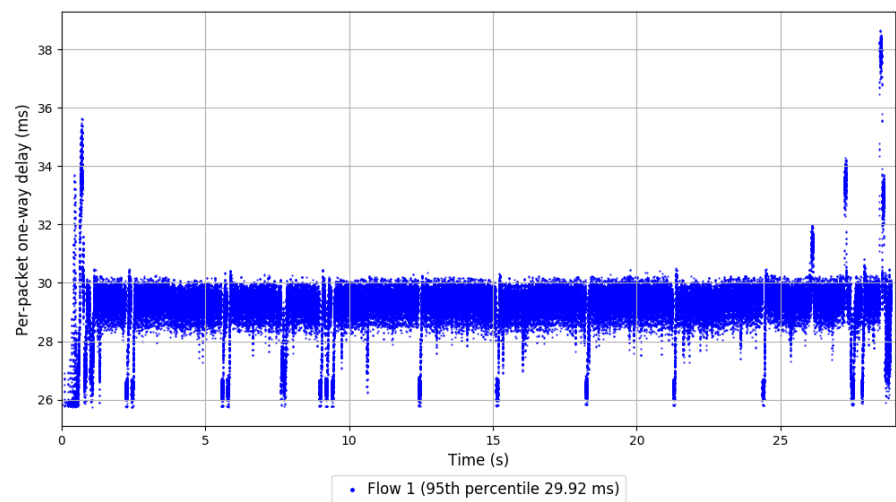
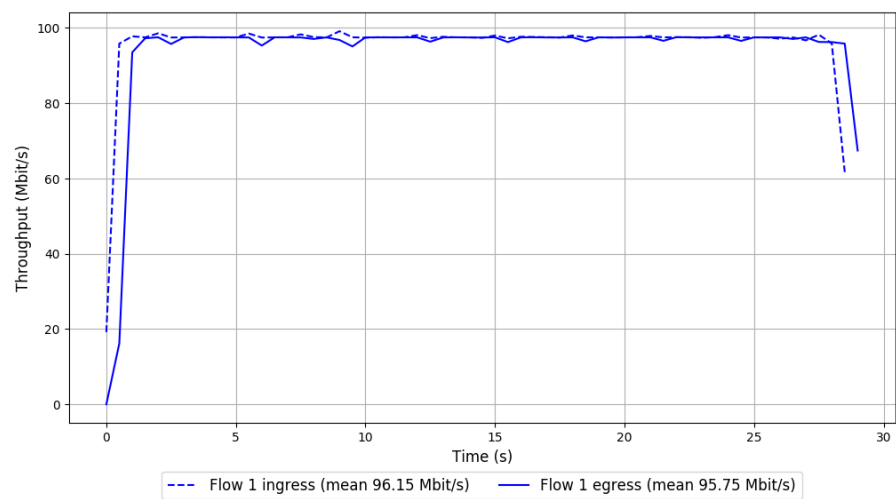
-- Flow 1:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 29.918 ms

Loss rate: 0.40%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-07-17 18:10:35

End at: 2019-07-17 18:11:05

Local clock offset: -1.446 ms

Remote clock offset: -2.778 ms

Below is generated by plot.py at 2019-07-17 20:30:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 29.977 ms

Loss rate: 0.01%

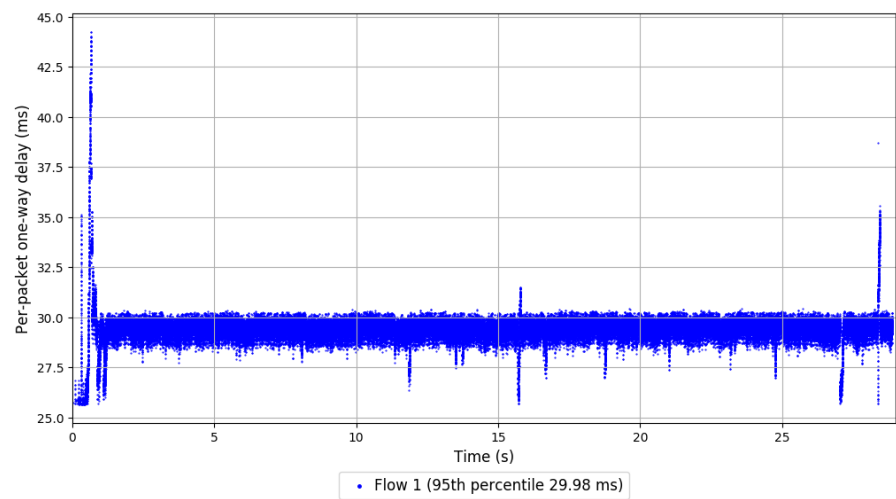
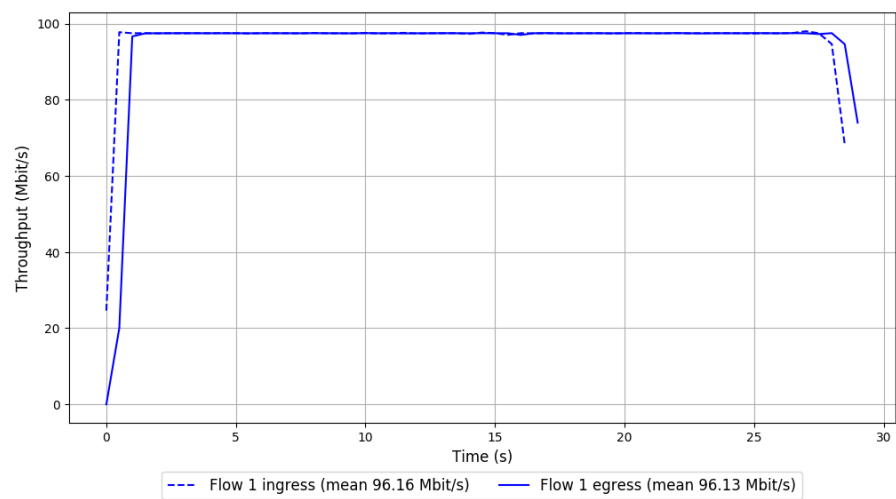
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 29.977 ms

Loss rate: 0.01%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-07-17 18:47:39

End at: 2019-07-17 18:48:09

Local clock offset: -0.166 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at 2019-07-17 20:30:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 30.050 ms

Loss rate: 0.05%

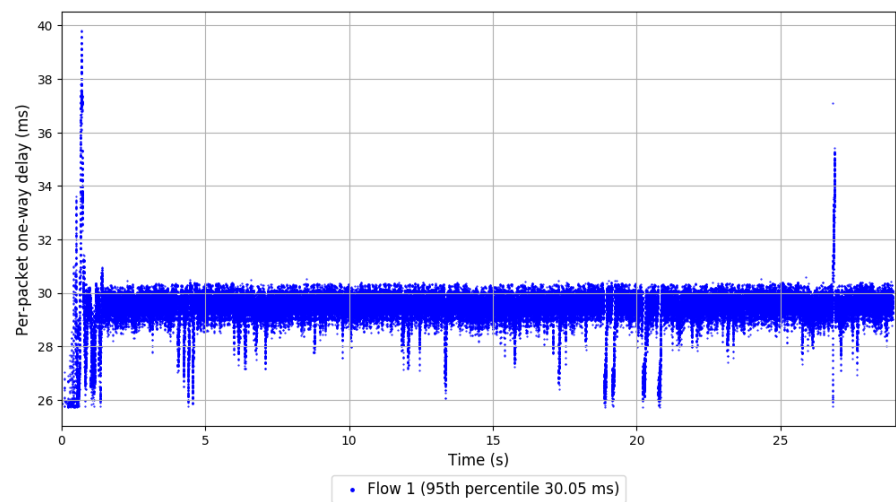
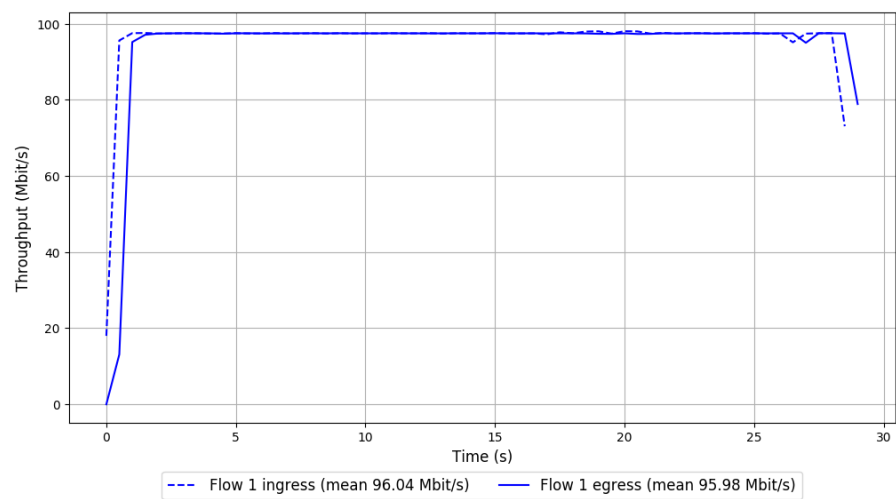
-- Flow 1:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 30.050 ms

Loss rate: 0.05%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-07-17 19:23:22

End at: 2019-07-17 19:23:52

Local clock offset: -3.581 ms

Remote clock offset: -2.436 ms

Below is generated by plot.py at 2019-07-17 20:30:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 30.101 ms

Loss rate: 0.00%

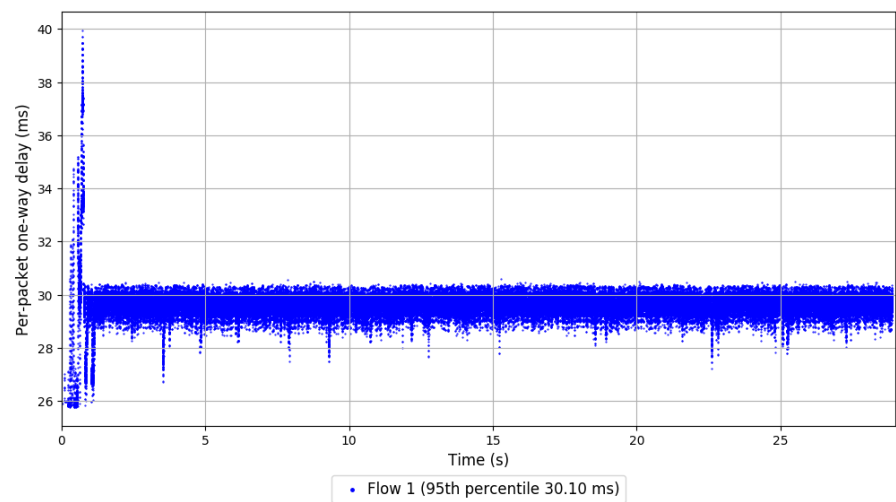
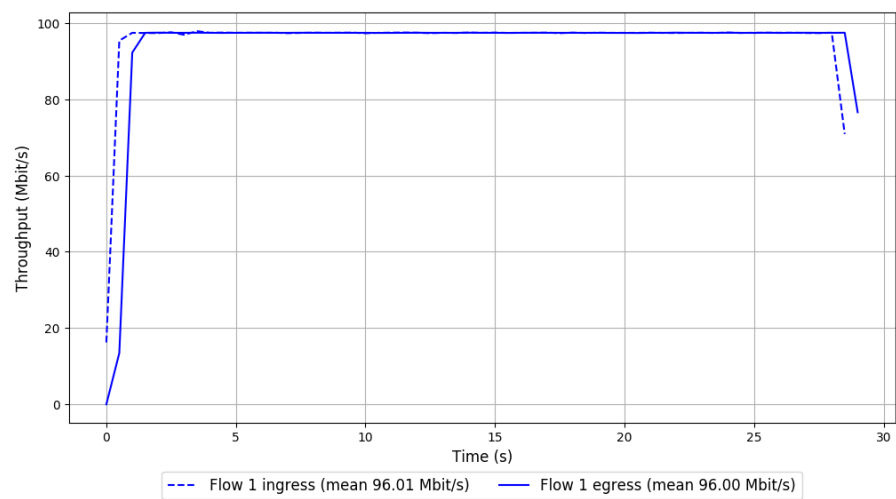
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 30.101 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-07-17 19:57:21

End at: 2019-07-17 19:57:51

Local clock offset: -2.264 ms

Remote clock offset: -2.51 ms

Below is generated by plot.py at 2019-07-17 20:30:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 30.216 ms

Loss rate: 0.02%

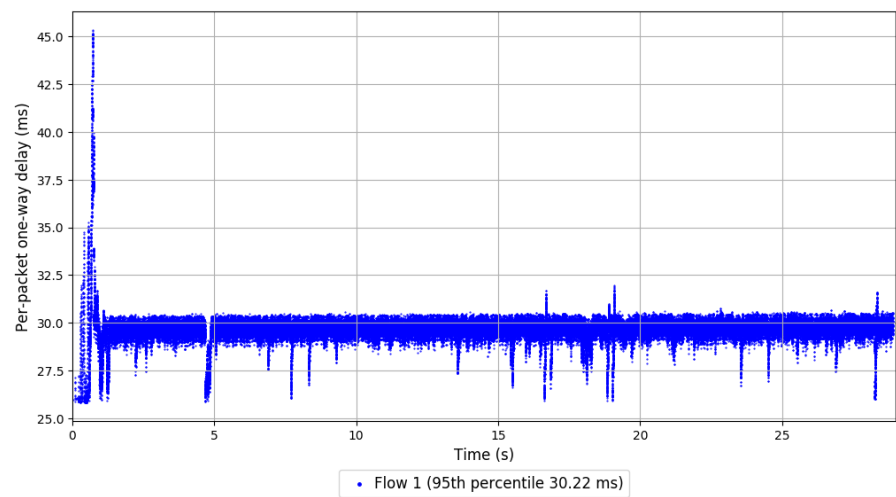
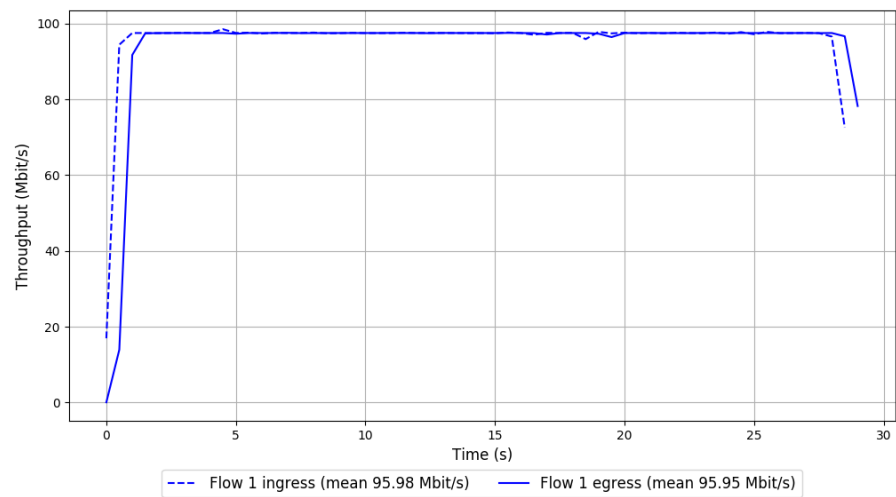
-- Flow 1:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 30.216 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesD — Data Link

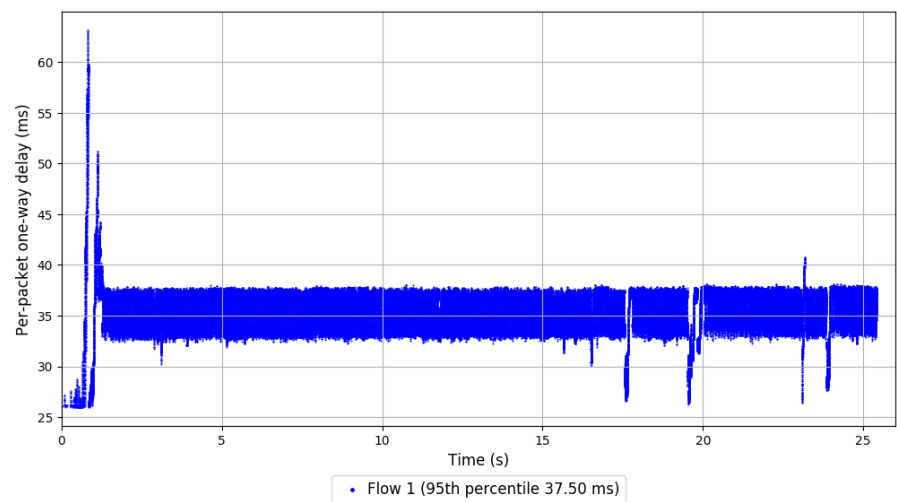
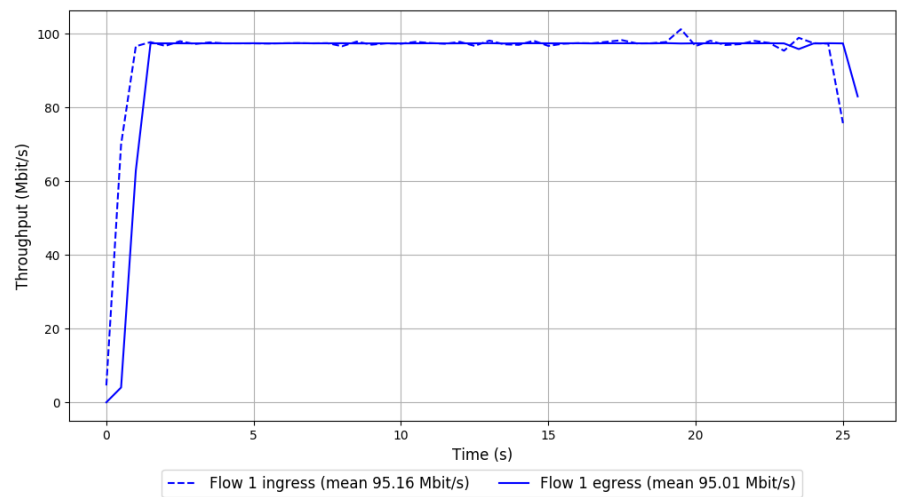


Run 1: Statistics of Indigo-MusesT

Start at: 2019-07-17 17:26:30
End at: 2019-07-17 17:27:00
Local clock offset: -9.407 ms
Remote clock offset: -3.433 ms

Below is generated by plot.py at 2019-07-17 20:31:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 37.502 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 37.502 ms
Loss rate: 0.12%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-07-17 18:01:35

End at: 2019-07-17 18:02:05

Local clock offset: -3.444 ms

Remote clock offset: -2.909 ms

Below is generated by plot.py at 2019-07-17 20:31:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 35.392 ms

Loss rate: 0.79%

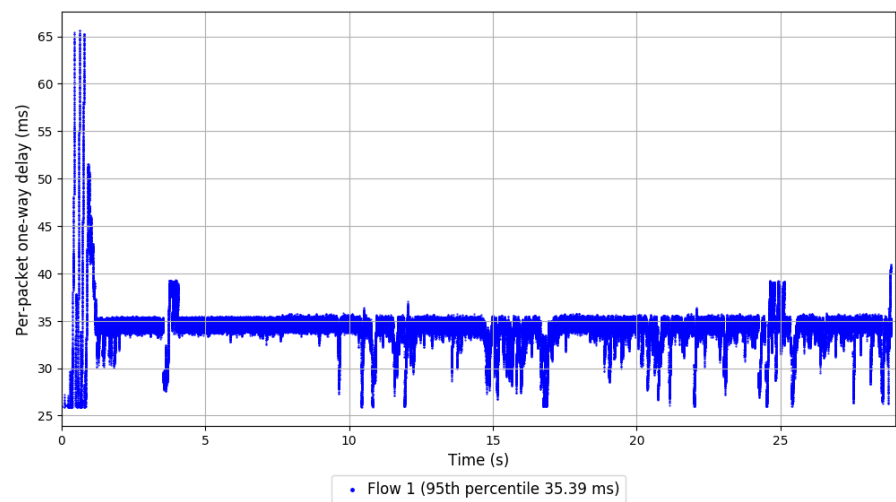
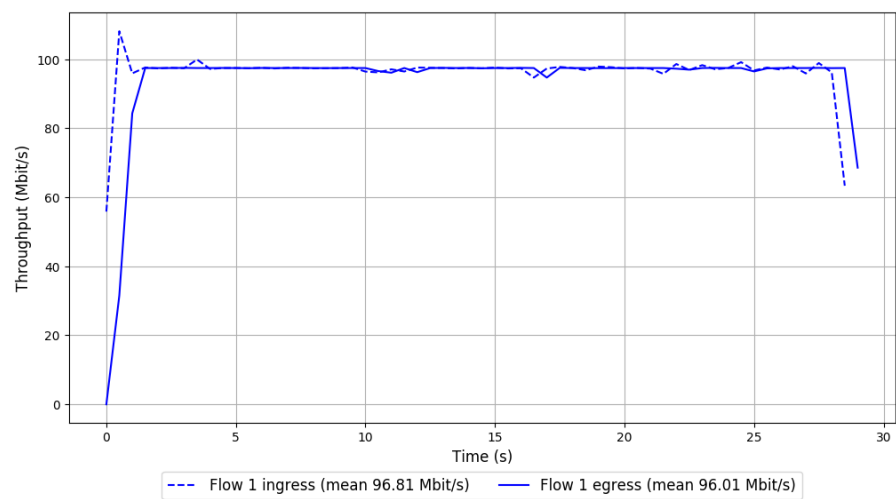
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 35.392 ms

Loss rate: 0.79%

Run 2: Report of Indigo-MusesT — Data Link

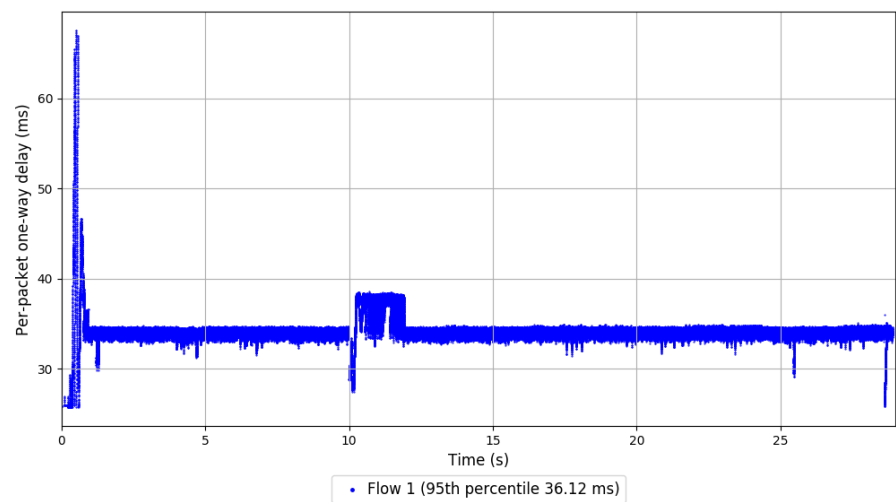
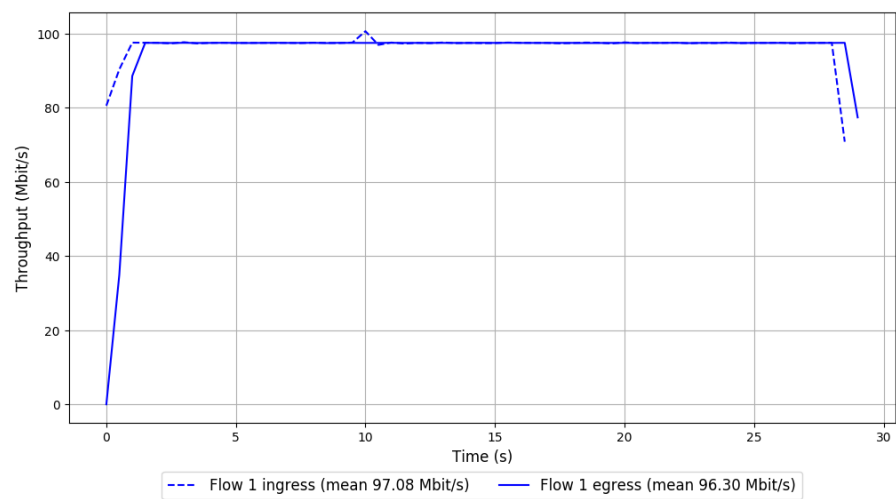


Run 3: Statistics of Indigo-MusesT

Start at: 2019-07-17 18:40:12
End at: 2019-07-17 18:40:42
Local clock offset: -0.214 ms
Remote clock offset: -2.418 ms

Below is generated by plot.py at 2019-07-17 20:31:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 36.122 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 36.122 ms
Loss rate: 0.77%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-07-17 19:15:20

End at: 2019-07-17 19:15:50

Local clock offset: -3.191 ms

Remote clock offset: -2.45 ms

Below is generated by plot.py at 2019-07-17 20:31:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 34.460 ms

Loss rate: 0.39%

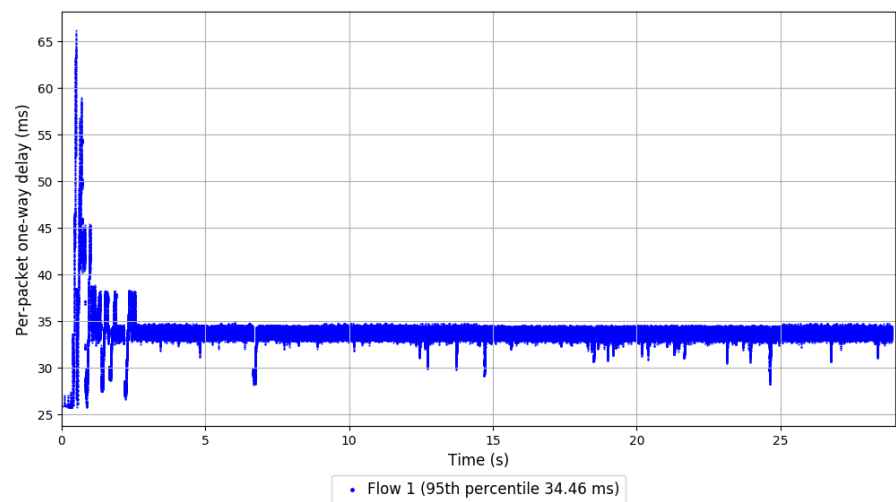
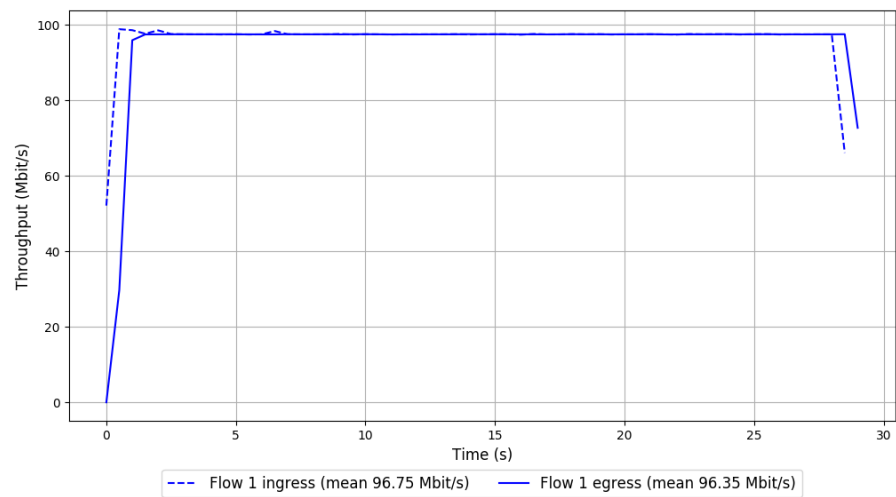
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 34.460 ms

Loss rate: 0.39%

Run 4: Report of Indigo-MusesT — Data Link

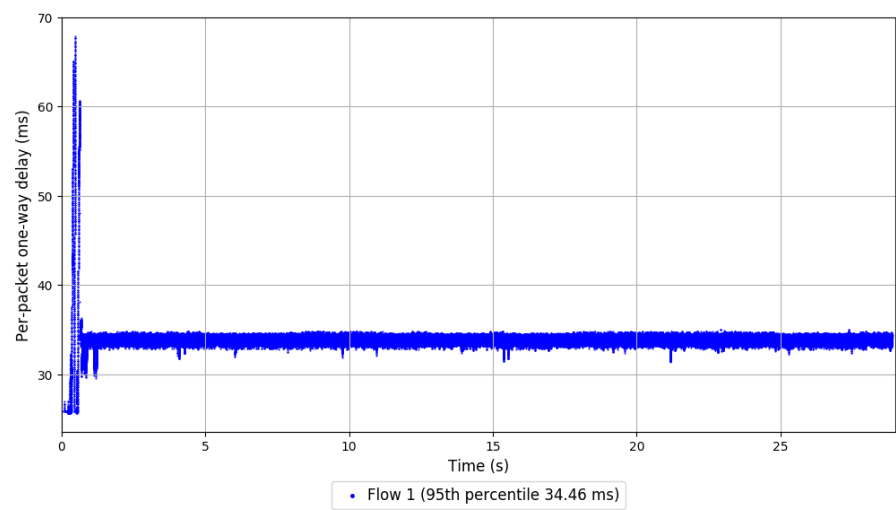
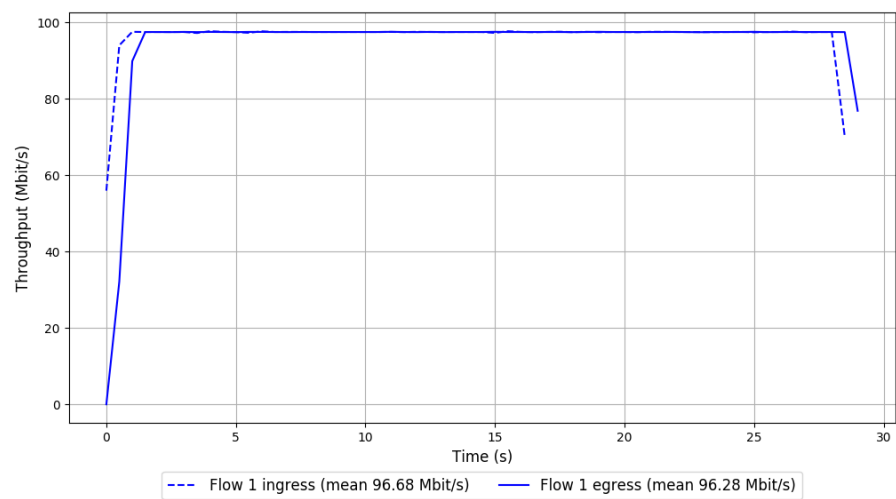


Run 5: Statistics of Indigo-MusesT

Start at: 2019-07-17 19:50:31
End at: 2019-07-17 19:51:01
Local clock offset: -3.091 ms
Remote clock offset: -2.346 ms

Below is generated by plot.py at 2019-07-17 20:31:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 34.463 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 34.463 ms
Loss rate: 0.38%

Run 5: Report of Indigo-MusesT — Data Link

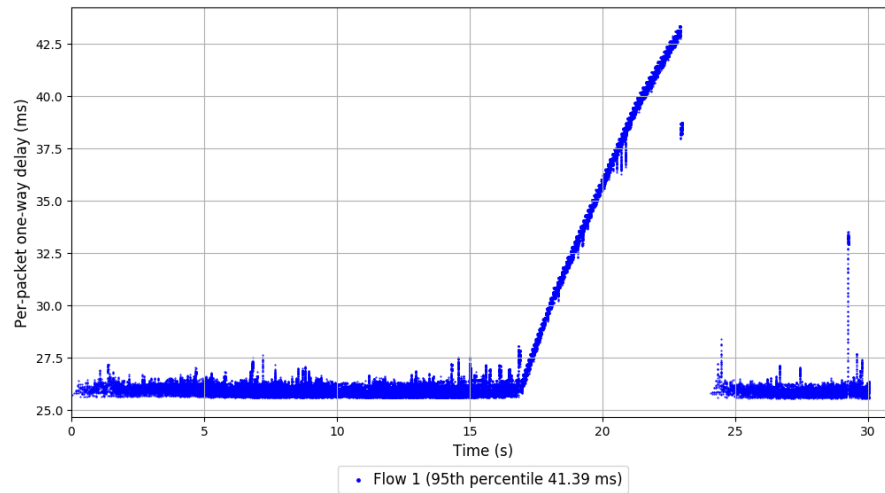
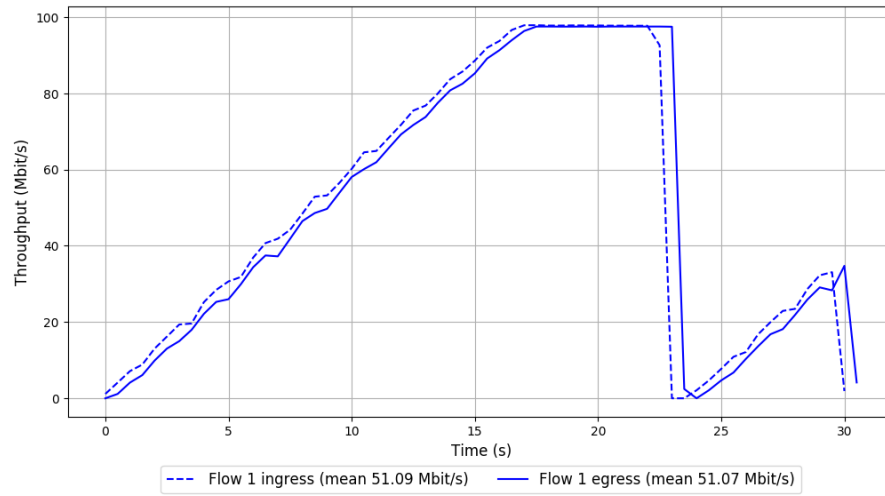


Run 1: Statistics of LEDBAT

Start at: 2019-07-17 17:53:33
End at: 2019-07-17 17:54:03
Local clock offset: -7.117 ms
Remote clock offset: -3.006 ms

Below is generated by plot.py at 2019-07-17 20:31:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.07 Mbit/s
95th percentile per-packet one-way delay: 41.390 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 51.07 Mbit/s
95th percentile per-packet one-way delay: 41.390 ms
Loss rate: 0.03%

Run 1: Report of LEDBAT — Data Link

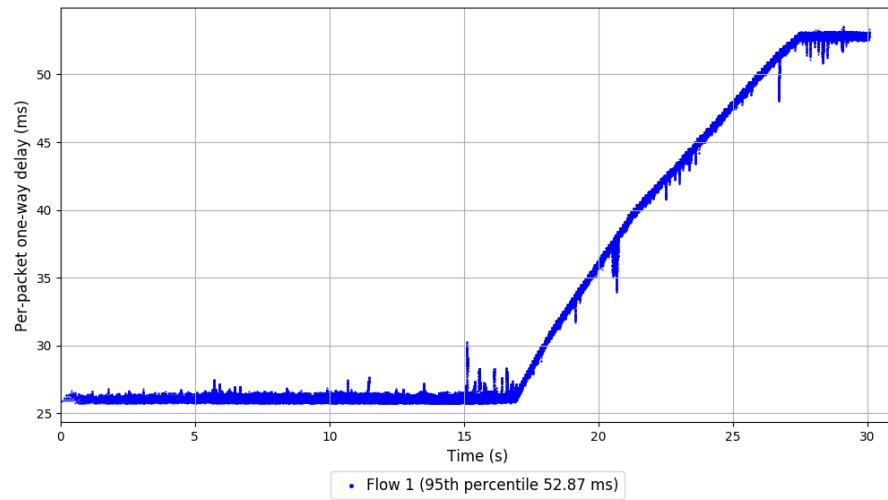
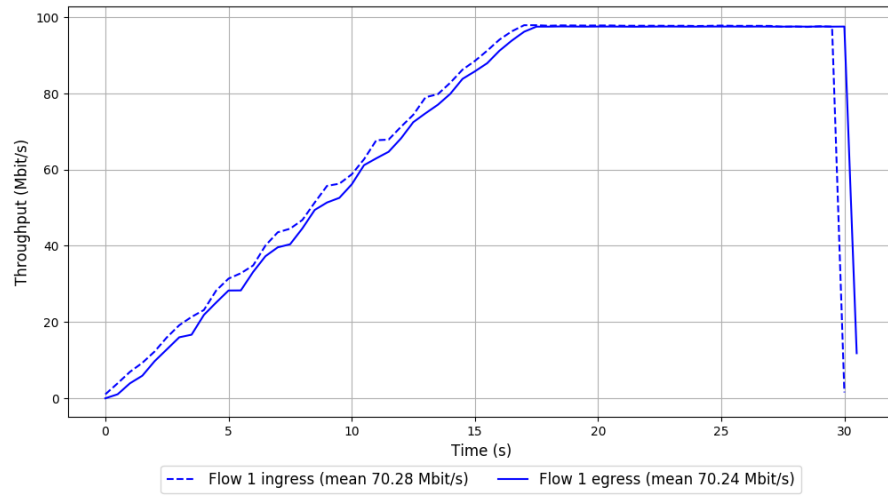


Run 2: Statistics of LEDBAT

Start at: 2019-07-17 18:32:51
End at: 2019-07-17 18:33:21
Local clock offset: -0.387 ms
Remote clock offset: -2.544 ms

Below is generated by plot.py at 2019-07-17 20:31:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 52.869 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 52.869 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

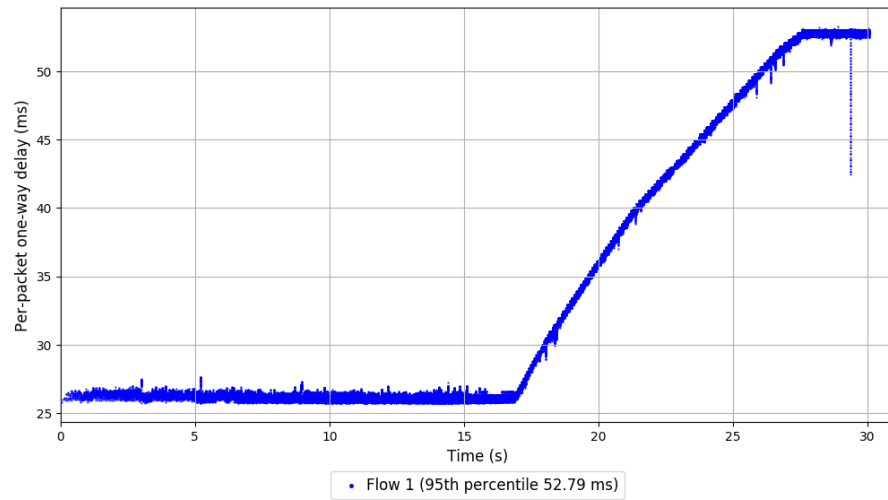
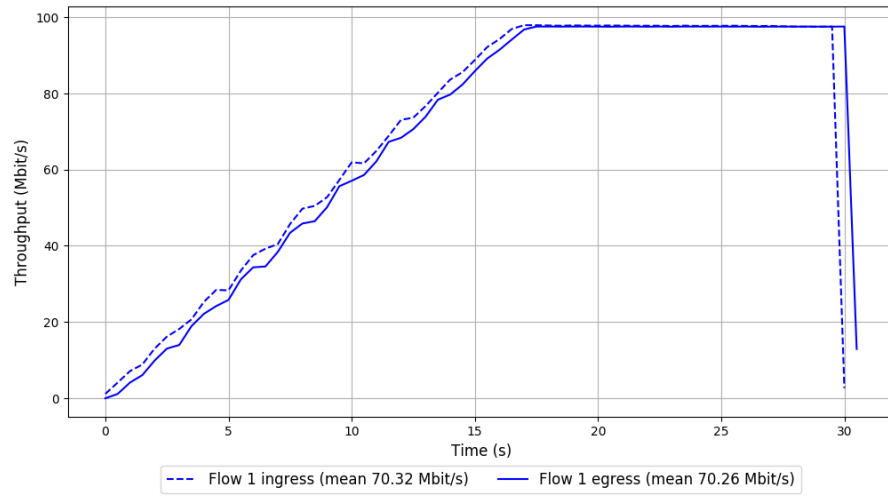


Run 3: Statistics of LEDBAT

Start at: 2019-07-17 19:08:07
End at: 2019-07-17 19:08:37
Local clock offset: -2.642 ms
Remote clock offset: -2.426 ms

Below is generated by plot.py at 2019-07-17 20:31:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 52.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 52.788 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

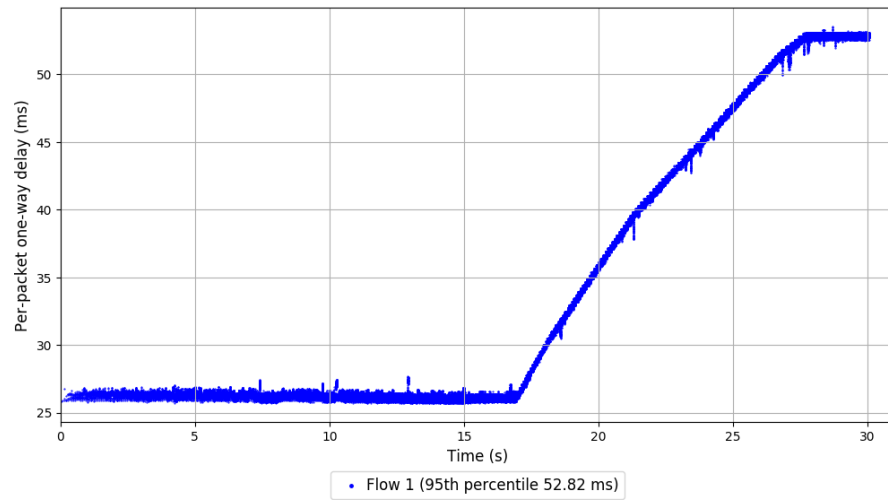
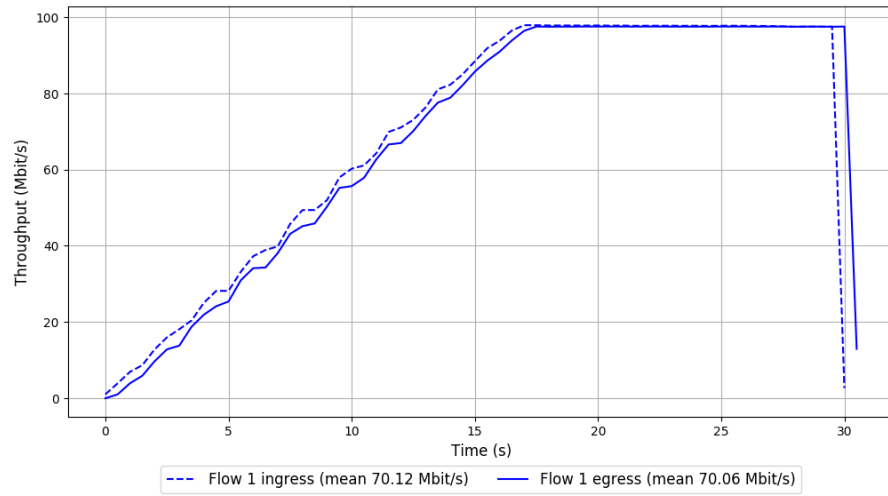


Run 4: Statistics of LEDBAT

Start at: 2019-07-17 19:43:21
End at: 2019-07-17 19:43:51
Local clock offset: -3.026 ms
Remote clock offset: -2.372 ms

Below is generated by plot.py at 2019-07-17 20:31:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 52.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 52.818 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

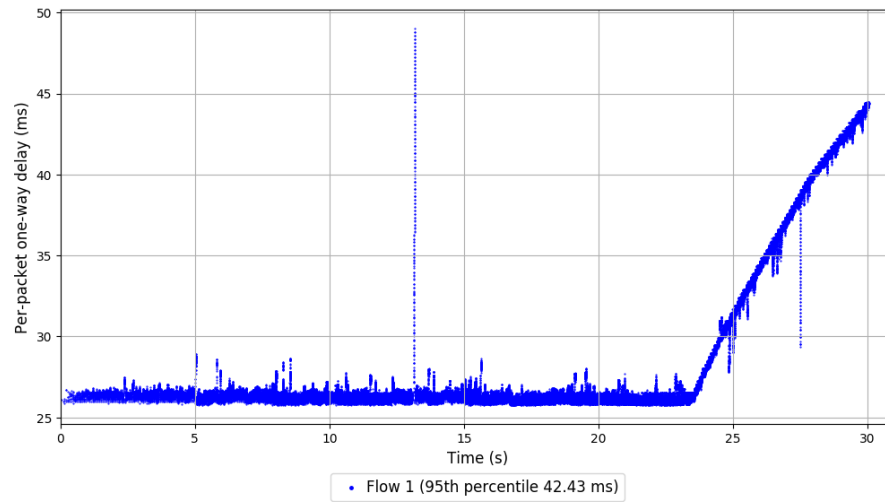
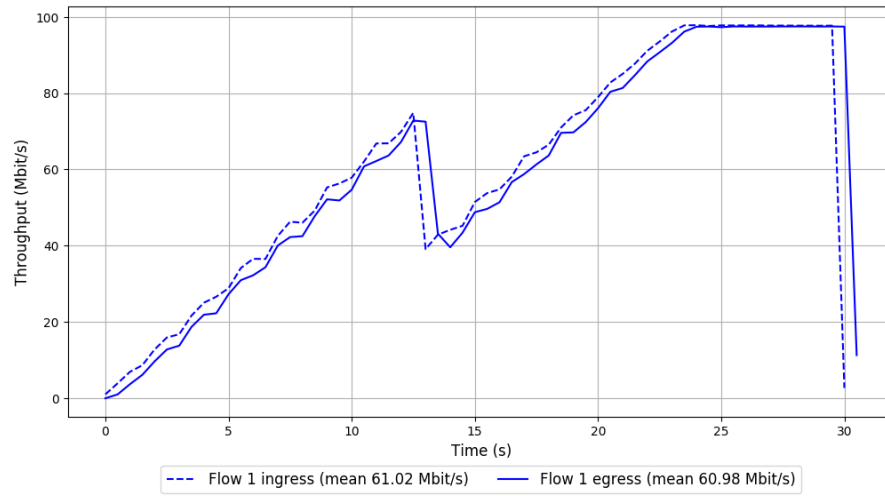


Run 5: Statistics of LEDBAT

Start at: 2019-07-17 20:16:46
End at: 2019-07-17 20:17:16
Local clock offset: 0.147 ms
Remote clock offset: -2.715 ms

Below is generated by plot.py at 2019-07-17 20:31:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 42.426 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 42.426 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

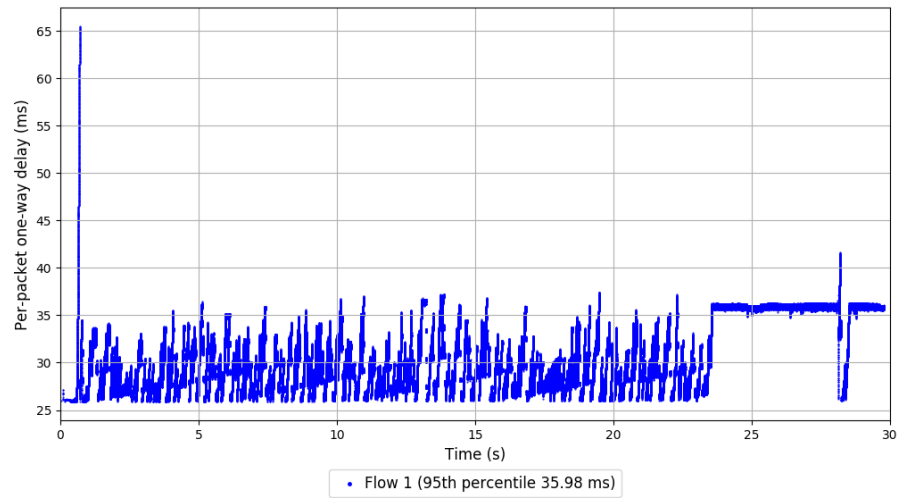
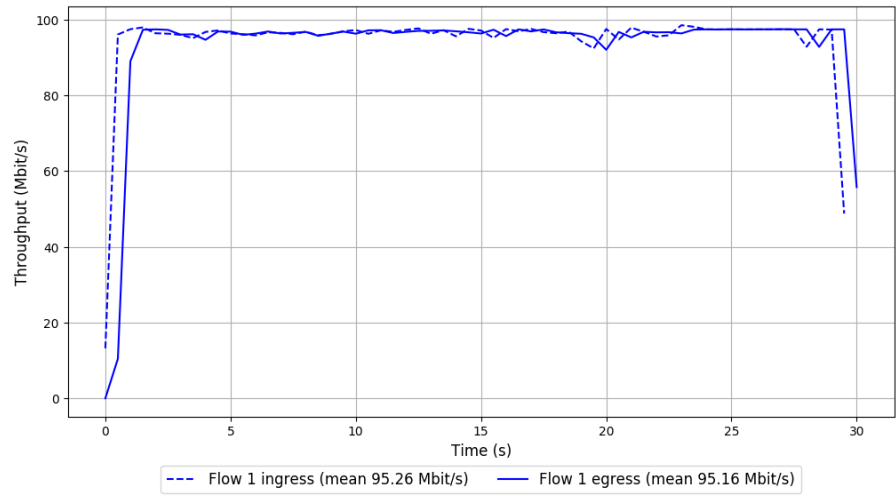


Run 1: Statistics of Muses_DecisionTree

Start at: 2019-07-17 17:30:35
End at: 2019-07-17 17:31:05
Local clock offset: -7.622 ms
Remote clock offset: -3.344 ms

Below is generated by plot.py at 2019-07-17 20:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 35.975 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 35.975 ms
Loss rate: 0.08%

Run 1: Report of Muses_DecisionTree — Data Link

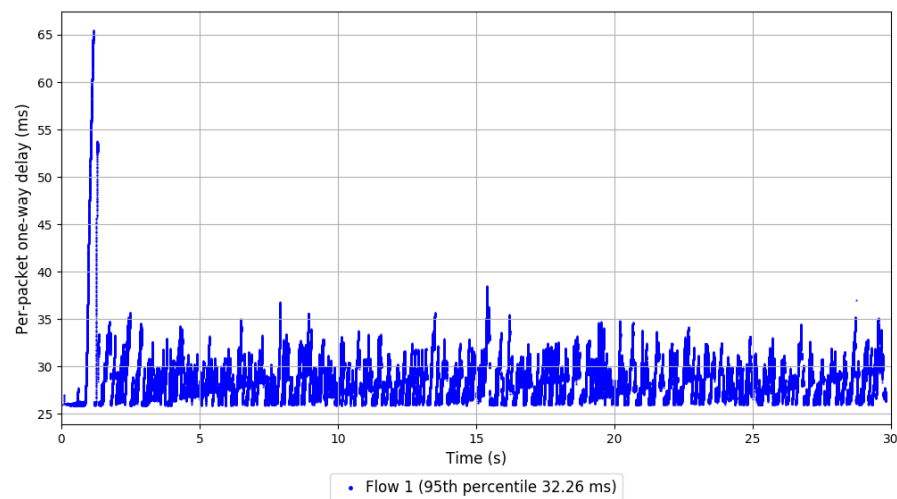
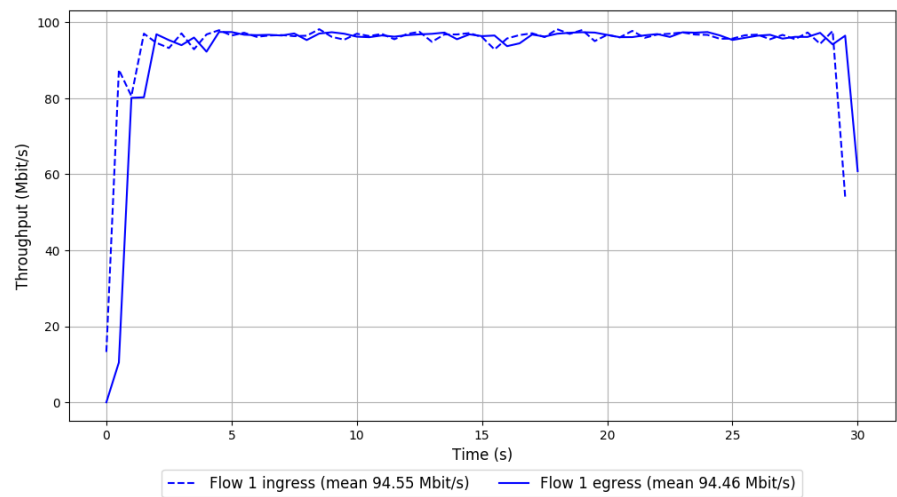


Run 2: Statistics of Muses_DecisionTree

Start at: 2019-07-17 18:06:44
End at: 2019-07-17 18:07:14
Local clock offset: -2.061 ms
Remote clock offset: -2.775 ms

Below is generated by plot.py at 2019-07-17 20:32:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 32.263 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 32.263 ms
Loss rate: 0.09%

Run 2: Report of Muses_DecisionTree — Data Link

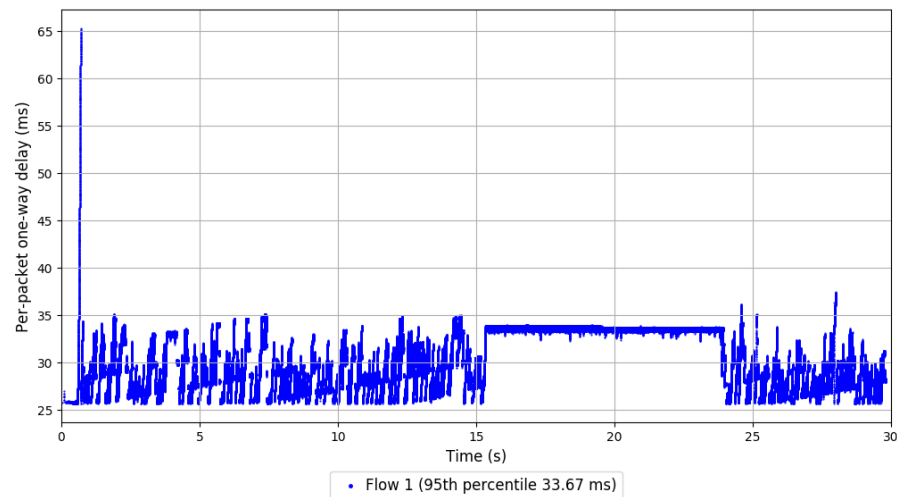
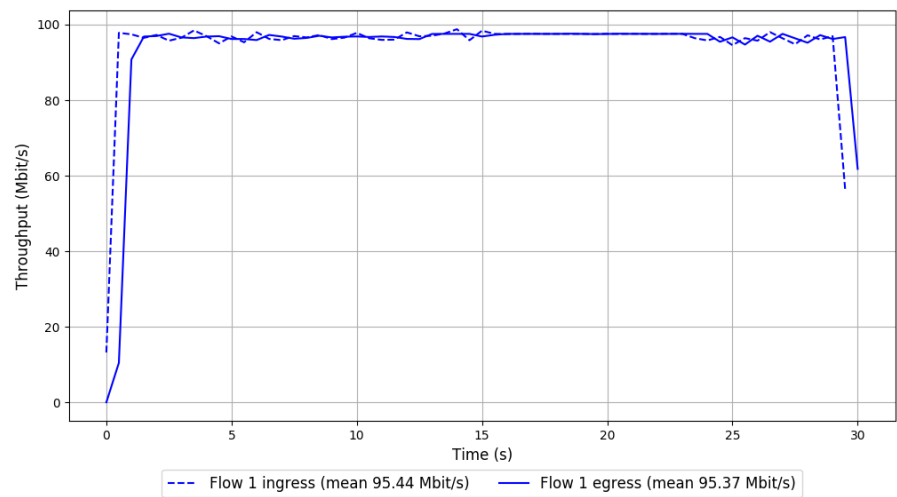


Run 3: Statistics of Muses_DecisionTree

Start at: 2019-07-17 18:44:29
End at: 2019-07-17 18:44:59
Local clock offset: -0.168 ms
Remote clock offset: -2.437 ms

Below is generated by plot.py at 2019-07-17 20:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 33.675 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 33.675 ms
Loss rate: 0.07%

Run 3: Report of Muses_DecisionTree — Data Link

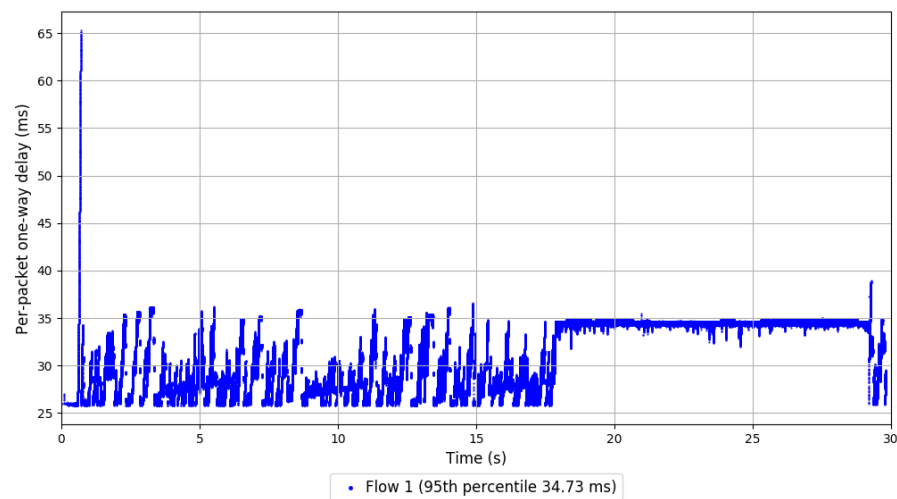
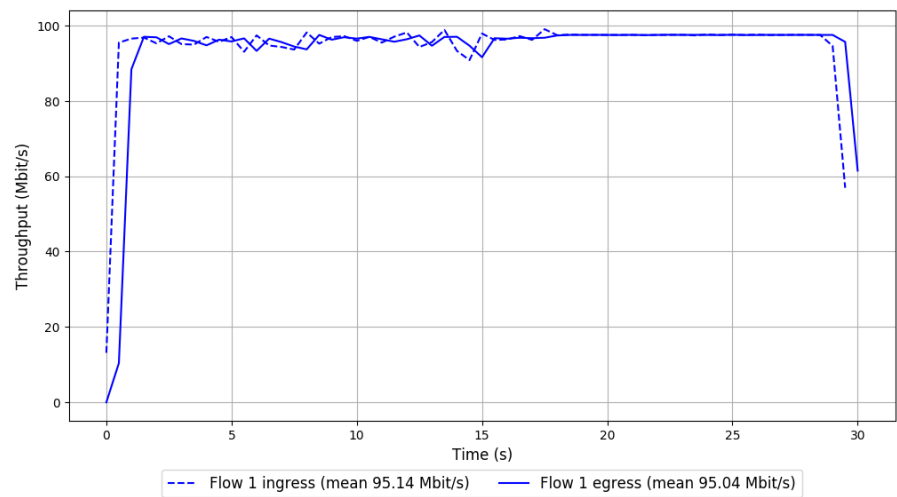


Run 4: Statistics of Muses_DecisionTree

Start at: 2019-07-17 19:19:59
End at: 2019-07-17 19:20:29
Local clock offset: -3.421 ms
Remote clock offset: -2.451 ms

Below is generated by plot.py at 2019-07-17 20:32:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.10%

Run 4: Report of Muses_DecisionTree — Data Link

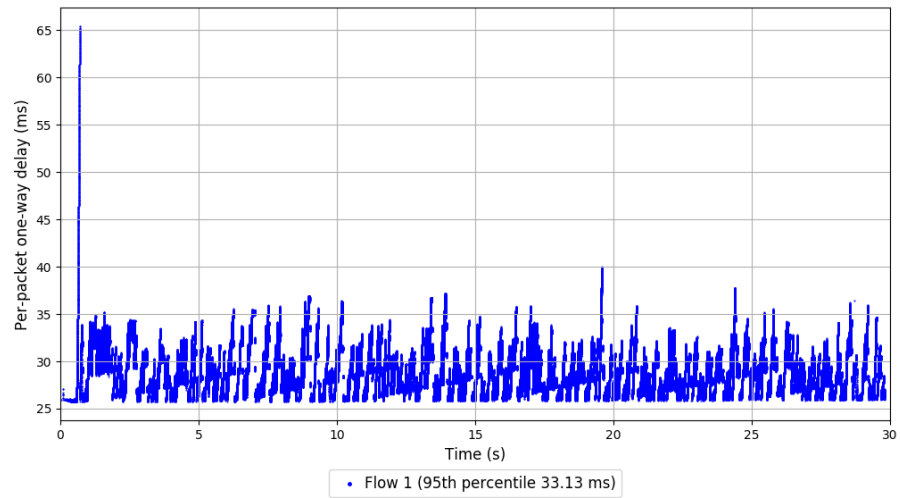
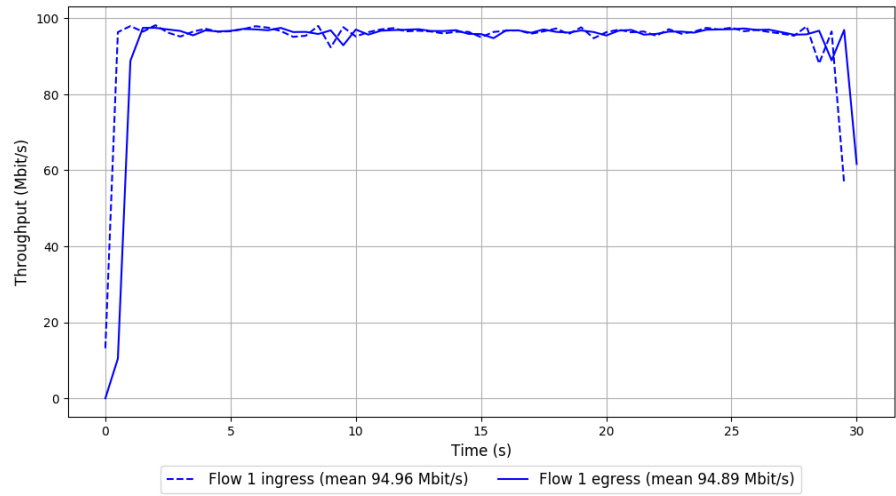


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-07-17 19:54:23
End at: 2019-07-17 19:54:53
Local clock offset: -3.14 ms
Remote clock offset: -2.303 ms

Below is generated by plot.py at 2019-07-17 20:32:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 33.133 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 33.133 ms
Loss rate: 0.08%

Run 5: Report of Muses_DecisionTree — Data Link

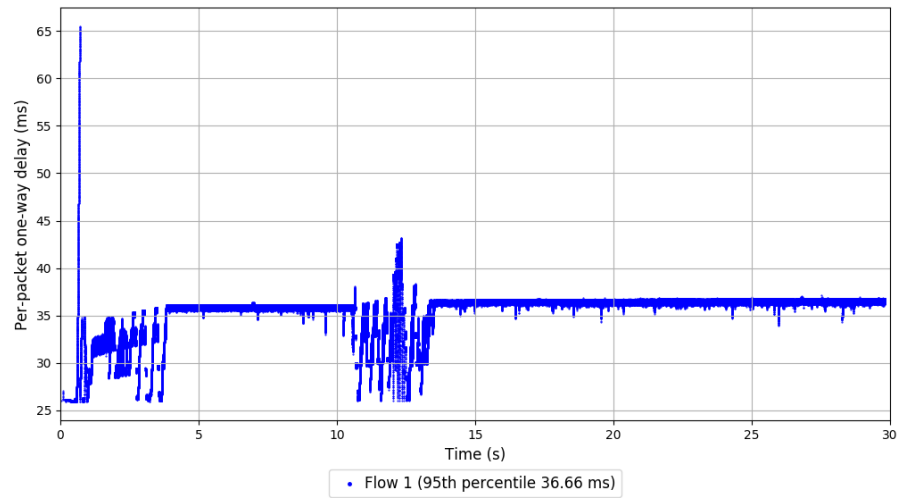
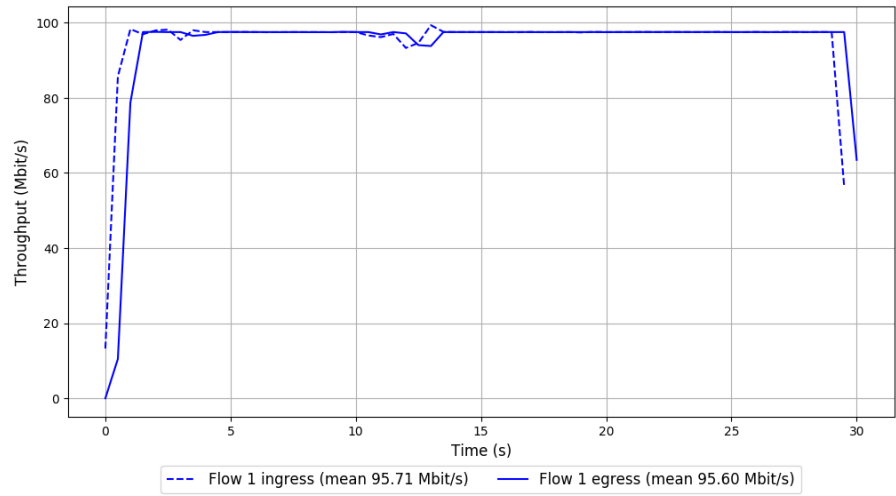


Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-17 17:57:27
End at: 2019-07-17 17:57:58
Local clock offset: -5.422 ms
Remote clock offset: -3.008 ms

Below is generated by plot.py at 2019-07-17 20:32:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 36.658 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 36.658 ms
Loss rate: 0.07%

Run 1: Report of Muses_DecisionTreeH0 — Data Link

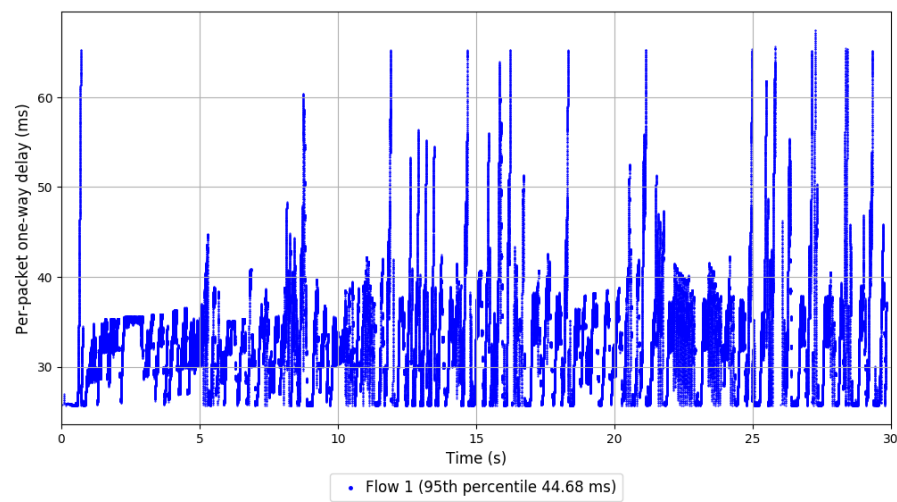
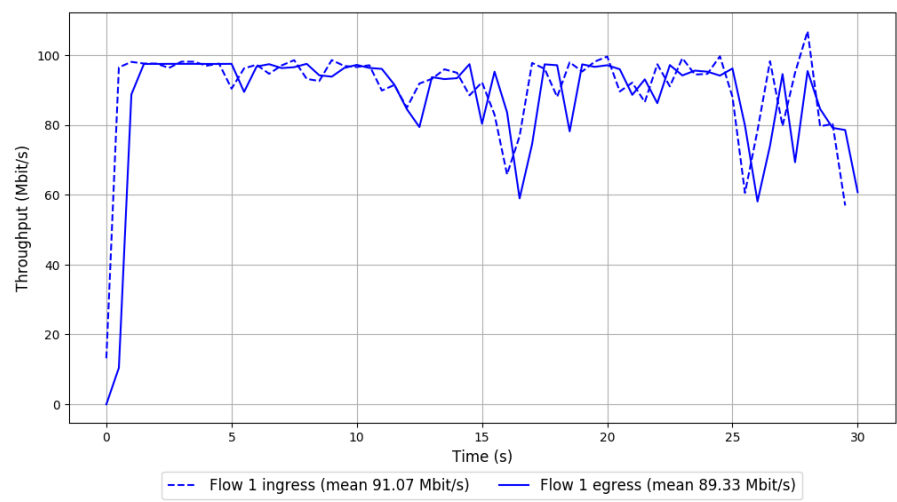


Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-17 18:37:02
End at: 2019-07-17 18:37:32
Local clock offset: -0.252 ms
Remote clock offset: -2.481 ms

Below is generated by plot.py at 2019-07-17 20:32:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 44.684 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 44.684 ms
Loss rate: 1.87%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

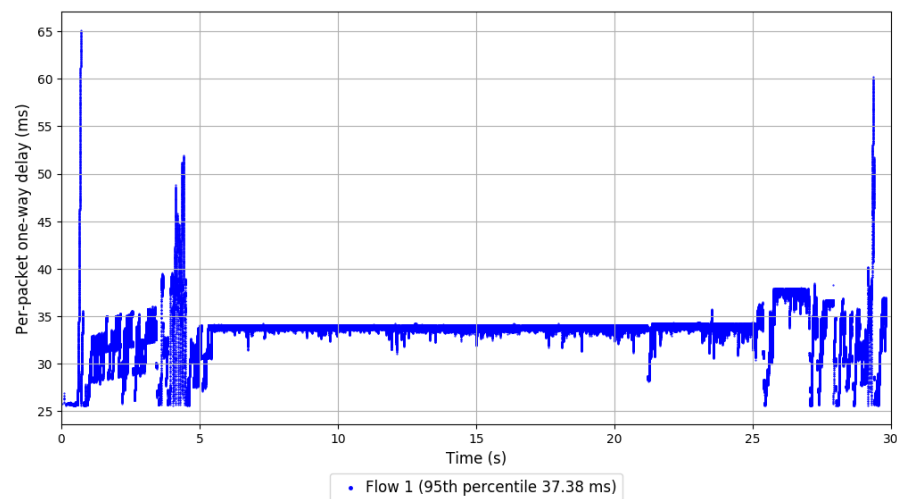
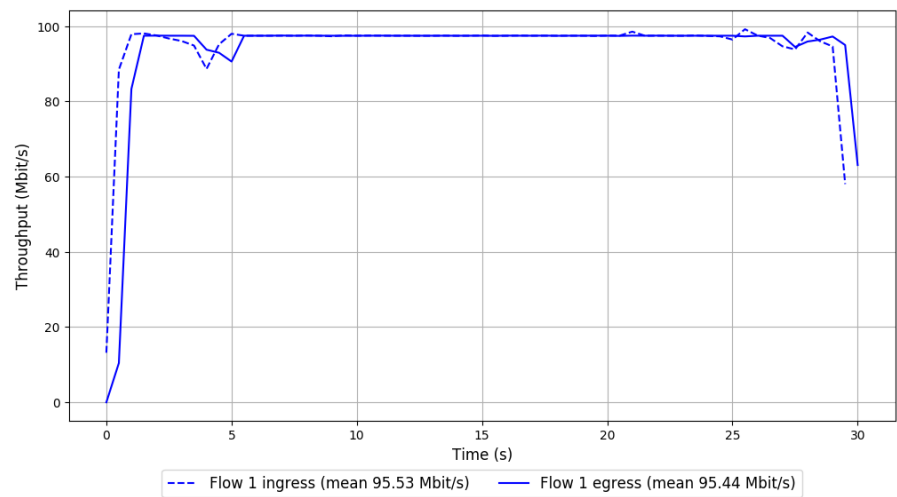


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-17 19:12:04
End at: 2019-07-17 19:12:34
Local clock offset: -2.926 ms
Remote clock offset: -2.457 ms

Below is generated by plot.py at 2019-07-17 20:32:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 37.385 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 37.385 ms
Loss rate: 0.05%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

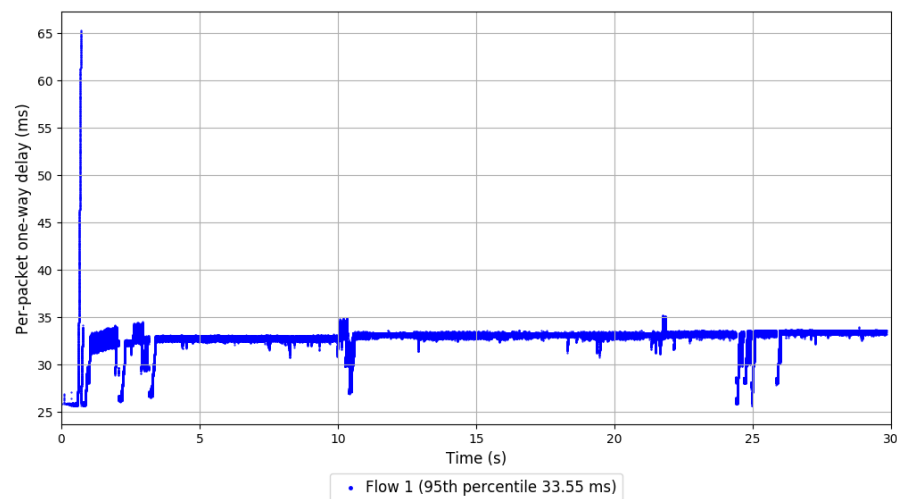
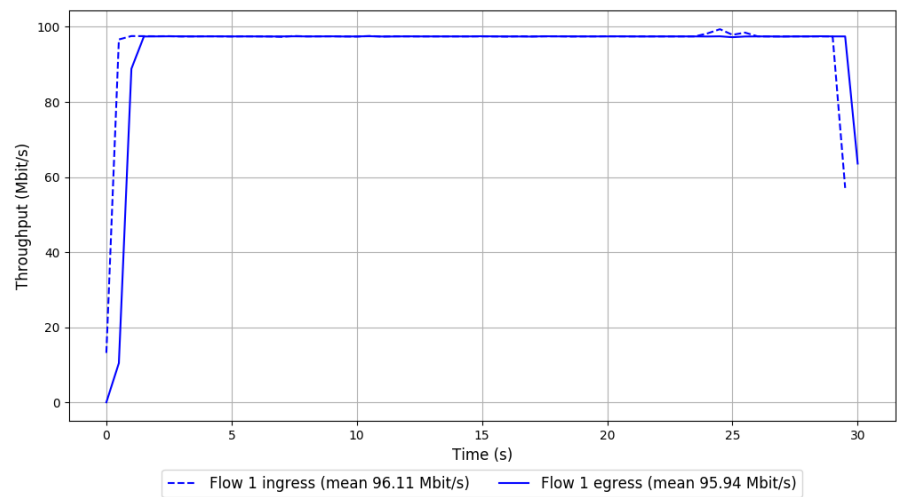


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-17 19:47:37
End at: 2019-07-17 19:48:07
Local clock offset: -3.083 ms
Remote clock offset: -2.408 ms

Below is generated by plot.py at 2019-07-17 20:33:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 33.552 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 33.552 ms
Loss rate: 0.15%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

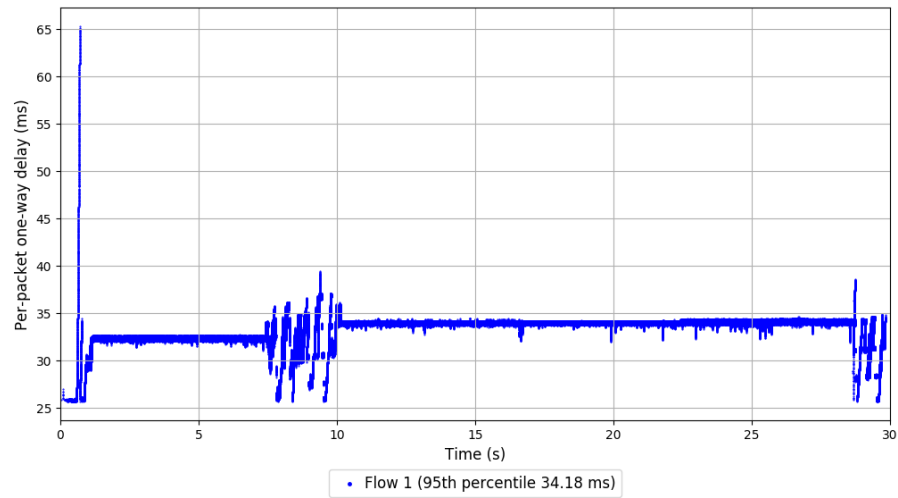
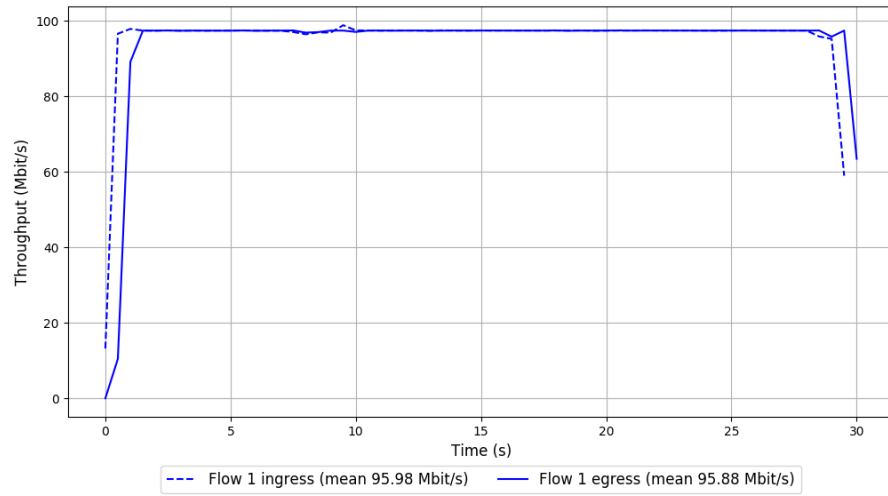


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-17 20:20:40
End at: 2019-07-17 20:21:10
Local clock offset: 0.242 ms
Remote clock offset: -2.791 ms

Below is generated by plot.py at 2019-07-17 20:33:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 34.178 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 34.178 ms
Loss rate: 0.08%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

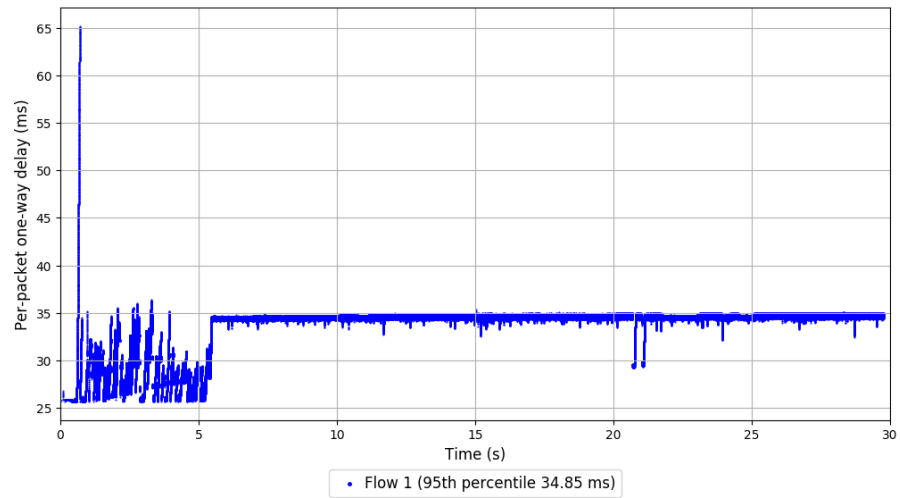
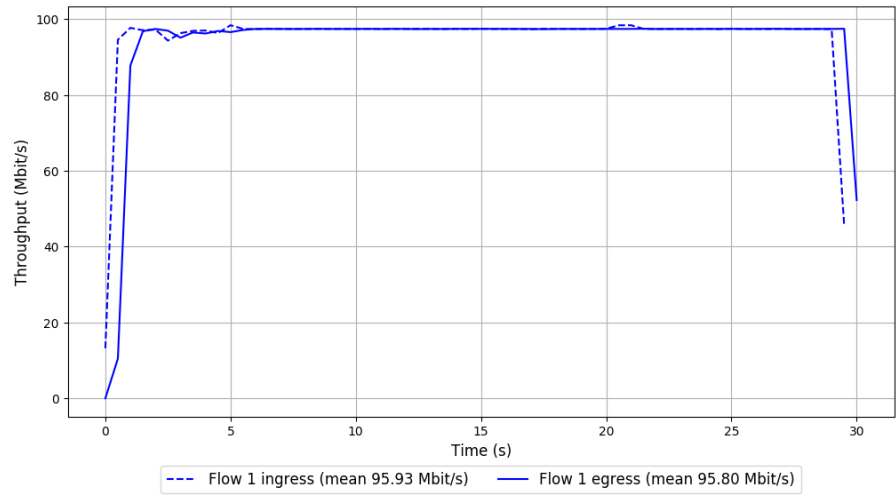


Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-17 17:29:15
End at: 2019-07-17 17:29:45
Local clock offset: -7.99 ms
Remote clock offset: -3.465 ms

Below is generated by plot.py at 2019-07-17 20:33:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 34.850 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 34.850 ms
Loss rate: 0.11%

Run 1: Report of Muses_DecisionTreeR0 — Data Link

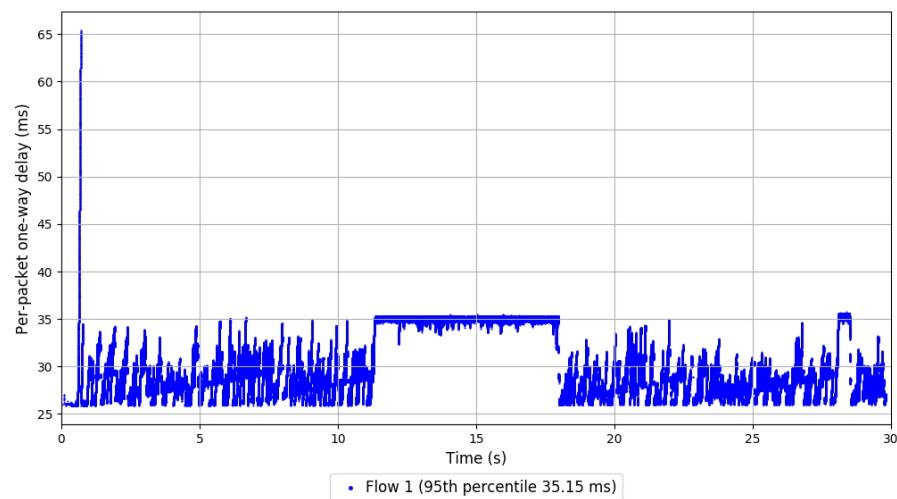
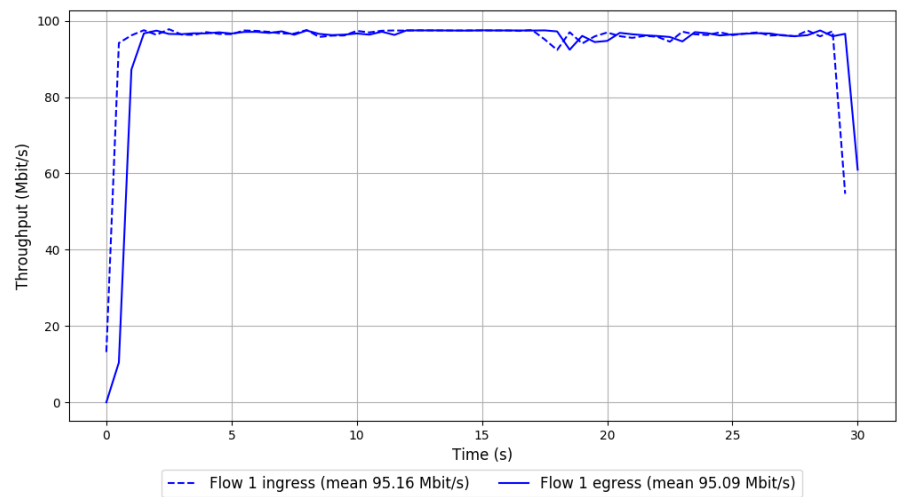


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-17 18:04:38
End at: 2019-07-17 18:05:08
Local clock offset: -2.499 ms
Remote clock offset: -2.772 ms

Below is generated by plot.py at 2019-07-17 20:33:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 35.145 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 35.145 ms
Loss rate: 0.07%

Run 2: Report of Muses_DecisionTreeR0 — Data Link



Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-17 18:42:52

End at: 2019-07-17 18:43:22

Local clock offset: -0.192 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at 2019-07-17 20:33:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 34.741 ms

Loss rate: 0.08%

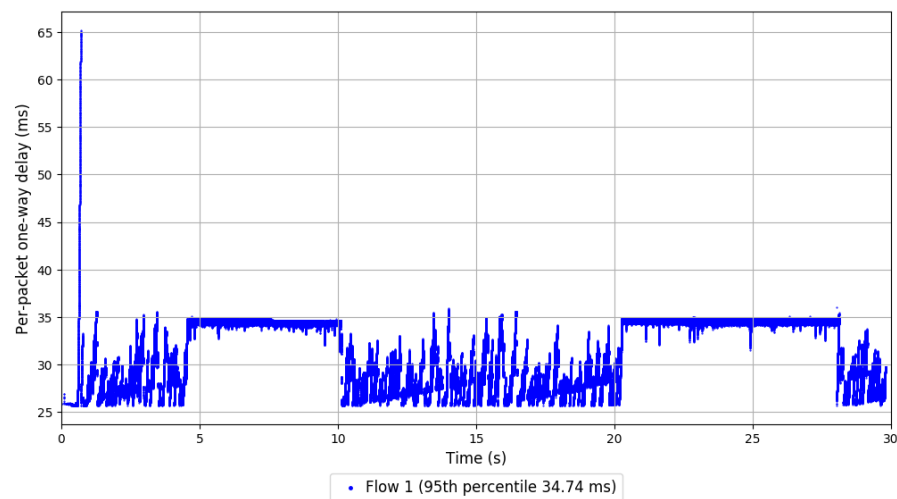
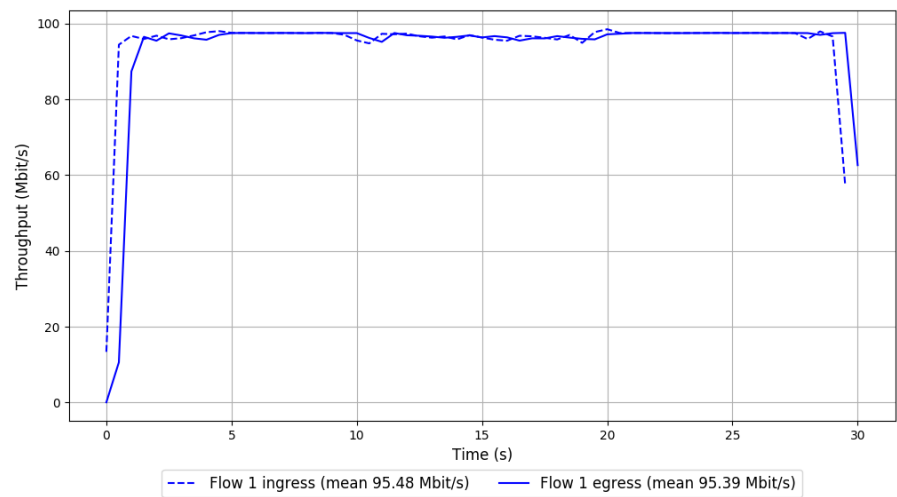
-- Flow 1:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 34.741 ms

Loss rate: 0.08%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

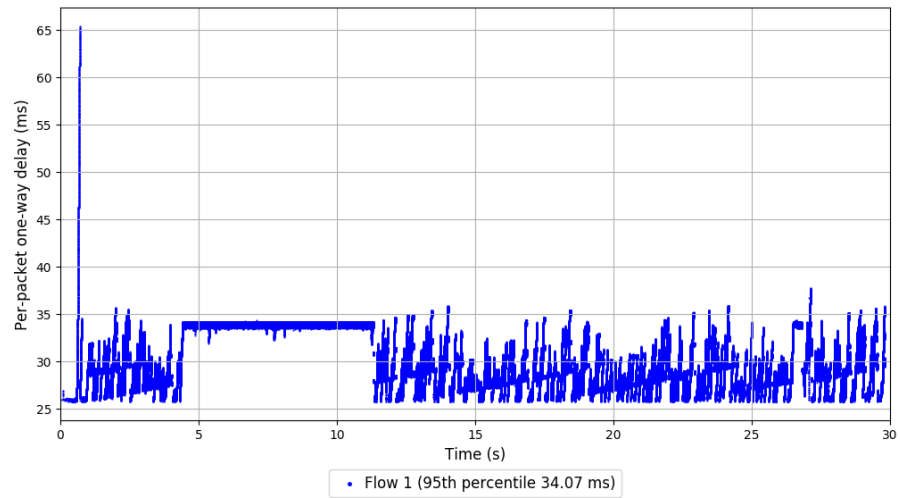
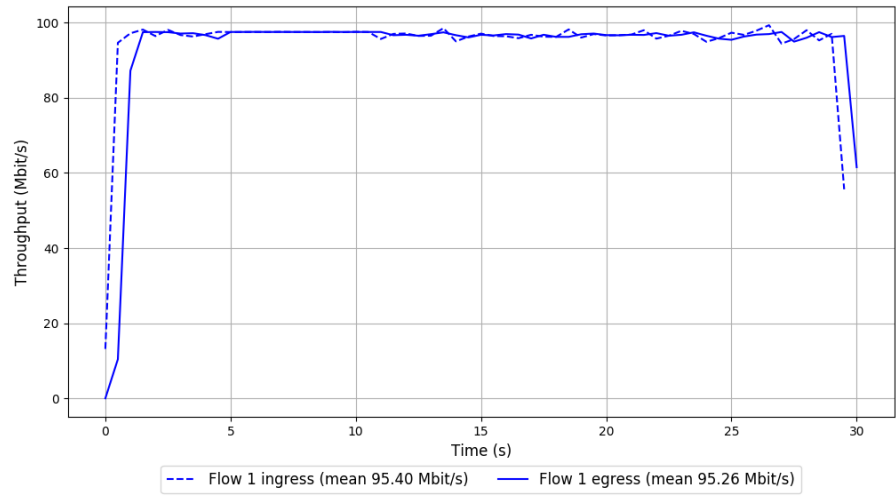


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-17 19:18:09
End at: 2019-07-17 19:18:39
Local clock offset: -3.339 ms
Remote clock offset: -2.471 ms

Below is generated by plot.py at 2019-07-17 20:33:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 34.074 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 34.074 ms
Loss rate: 0.12%

Run 4: Report of Muses_DecisionTreeR0 — Data Link

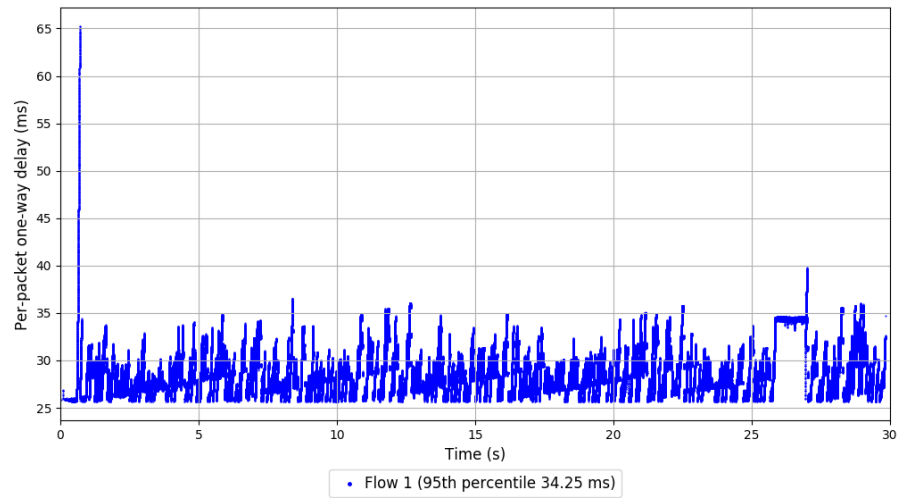
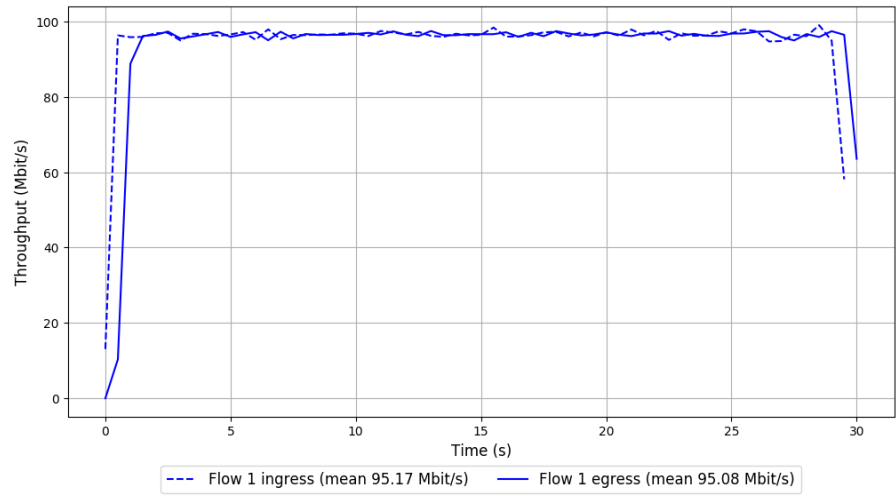


Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-17 19:53:03
End at: 2019-07-17 19:53:33
Local clock offset: -3.121 ms
Remote clock offset: -2.351 ms

Below is generated by plot.py at 2019-07-17 20:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 34.254 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 34.254 ms
Loss rate: 0.07%

Run 5: Report of Muses_DecisionTreeR0 — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-07-17 17:40:59

End at: 2019-07-17 17:41:29

Local clock offset: -6.195 ms

Remote clock offset: -3.16 ms

Below is generated by plot.py at 2019-07-17 20:34:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 32.031 ms

Loss rate: 0.71%

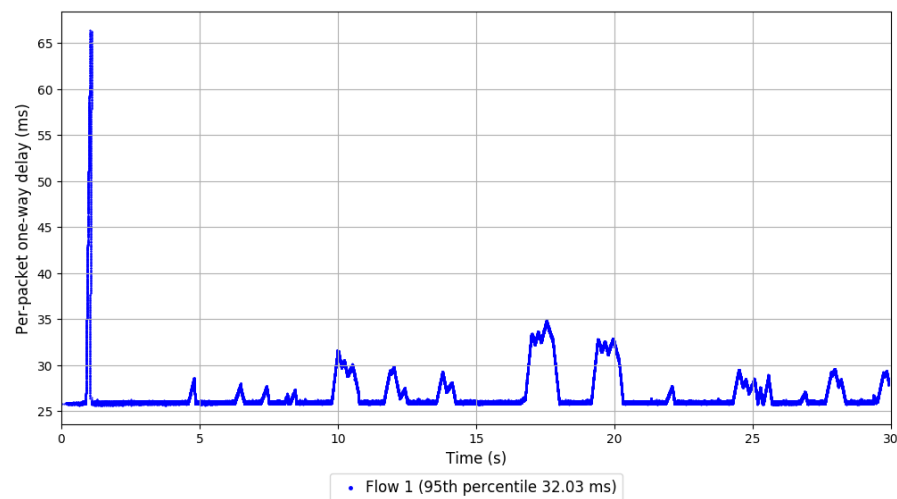
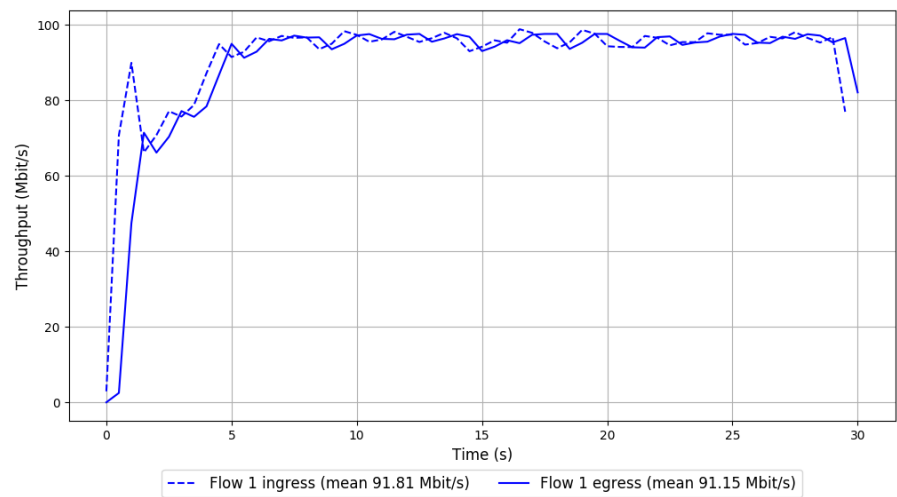
-- Flow 1:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 32.031 ms

Loss rate: 0.71%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-07-17 18:19:54

End at: 2019-07-17 18:20:24

Local clock offset: -0.966 ms

Remote clock offset: -2.554 ms

Below is generated by plot.py at 2019-07-17 20:34:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 34.547 ms

Loss rate: 0.74%

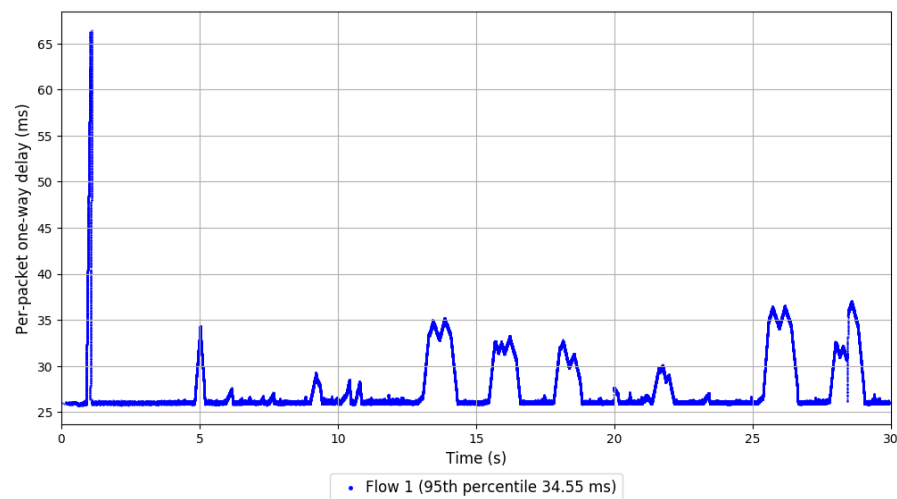
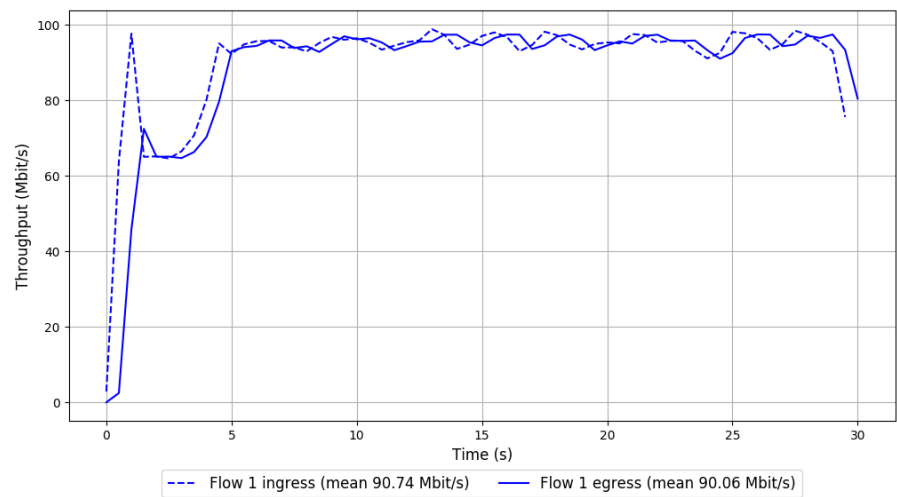
-- Flow 1:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 34.547 ms

Loss rate: 0.74%

Run 2: Report of PCC-Allegro — Data Link

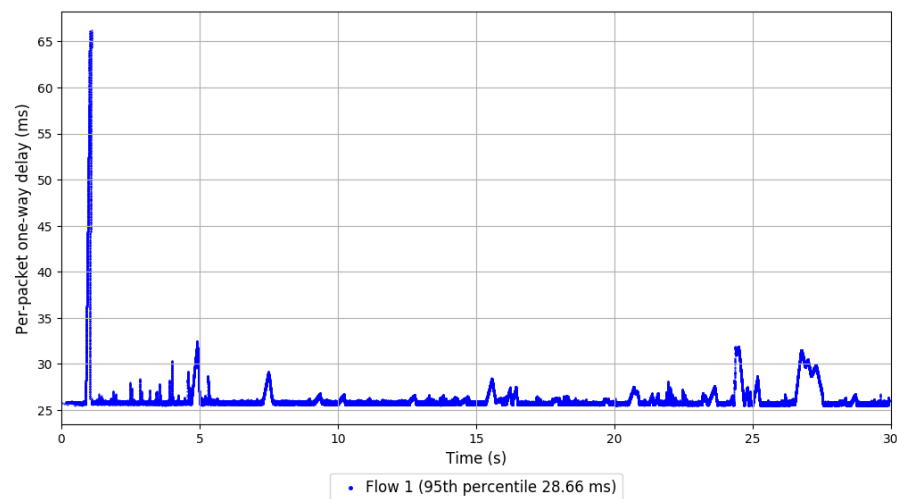
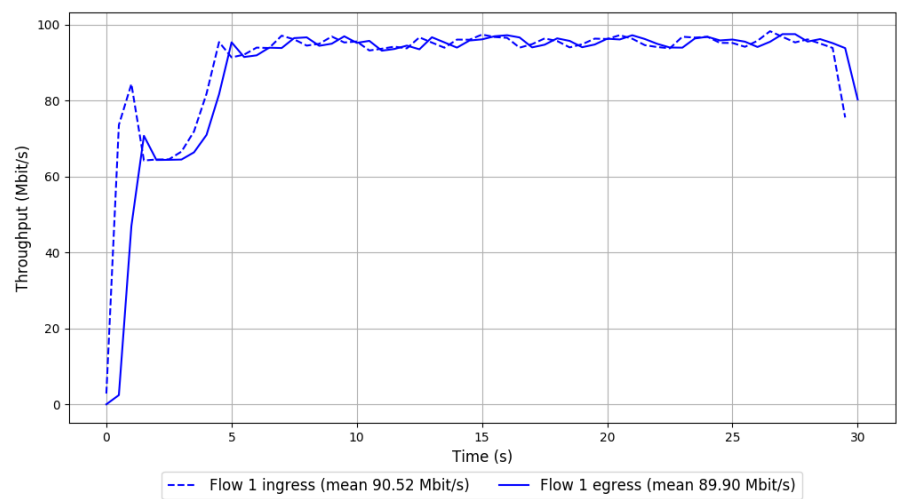


Run 3: Statistics of PCC-Allegro

Start at: 2019-07-17 18:54:57
End at: 2019-07-17 18:55:27
Local clock offset: -0.107 ms
Remote clock offset: -2.338 ms

Below is generated by plot.py at 2019-07-17 20:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 28.655 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 28.655 ms
Loss rate: 0.69%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-07-17 19:30:43

End at: 2019-07-17 19:31:13

Local clock offset: -3.214 ms

Remote clock offset: -2.461 ms

Below is generated by plot.py at 2019-07-17 20:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 30.692 ms

Loss rate: 0.68%

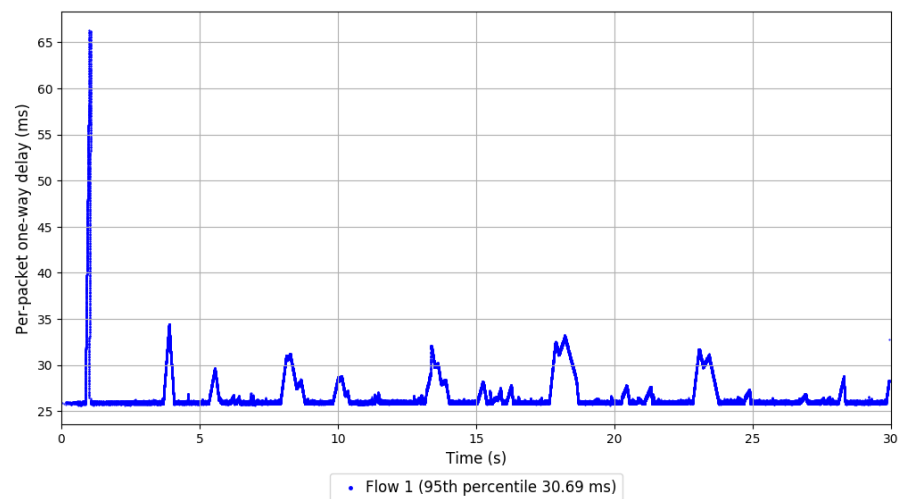
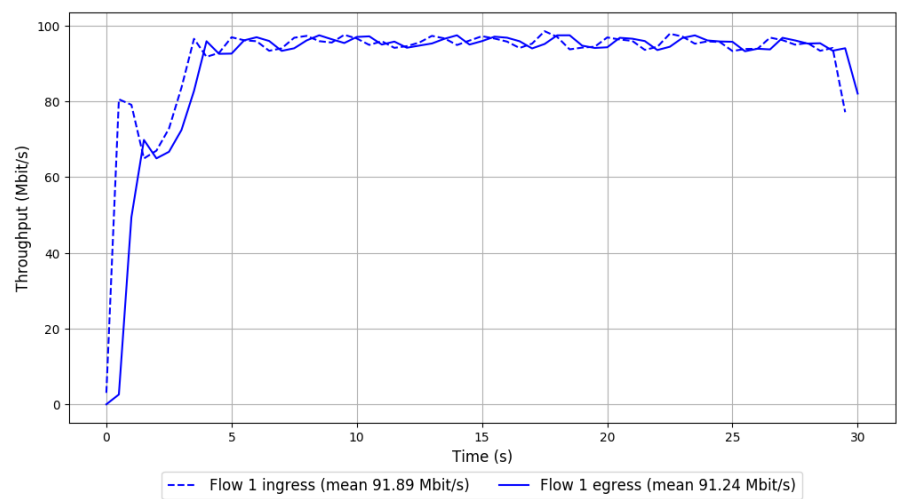
-- Flow 1:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 30.692 ms

Loss rate: 0.68%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-07-17 20:04:37

End at: 2019-07-17 20:05:07

Local clock offset: -0.75 ms

Remote clock offset: -2.693 ms

Below is generated by plot.py at 2019-07-17 20:34:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 29.895 ms

Loss rate: 0.70%

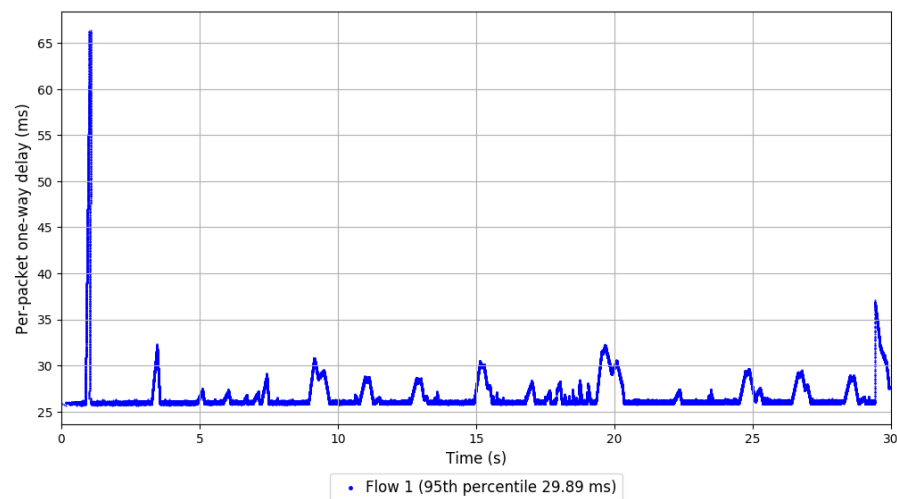
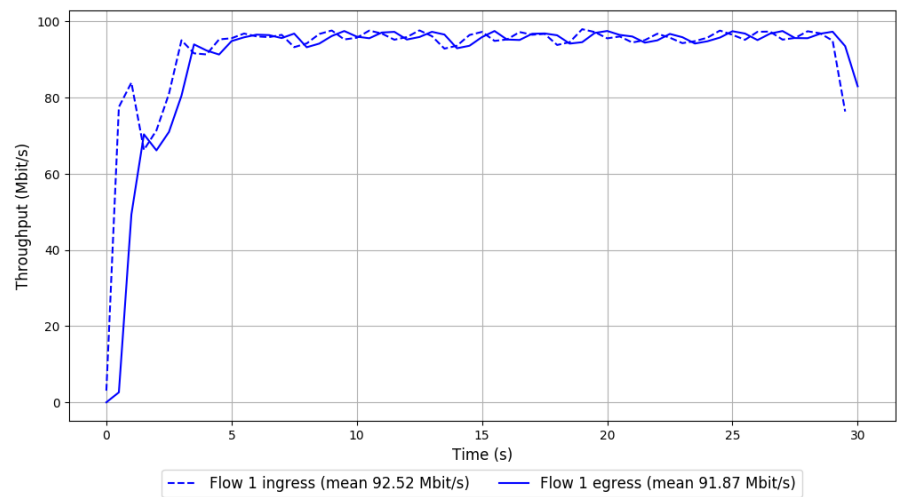
-- Flow 1:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 29.895 ms

Loss rate: 0.70%

Run 5: Report of PCC-Allegro — Data Link

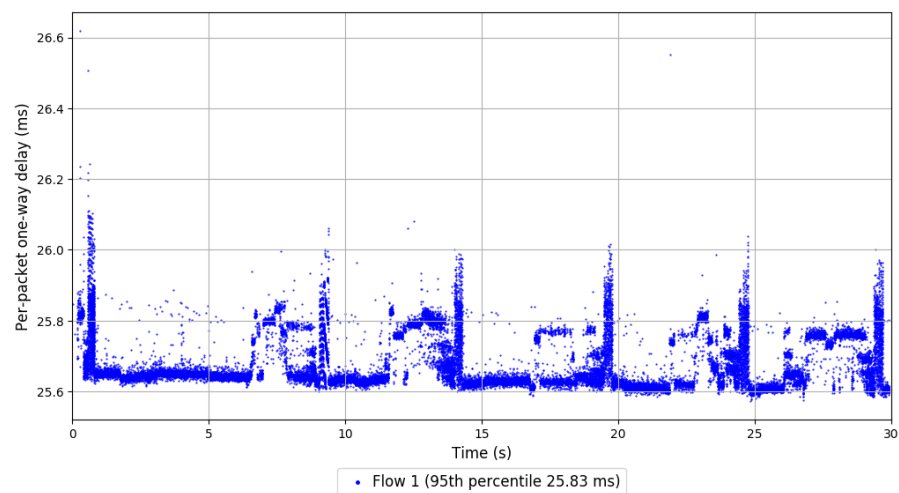
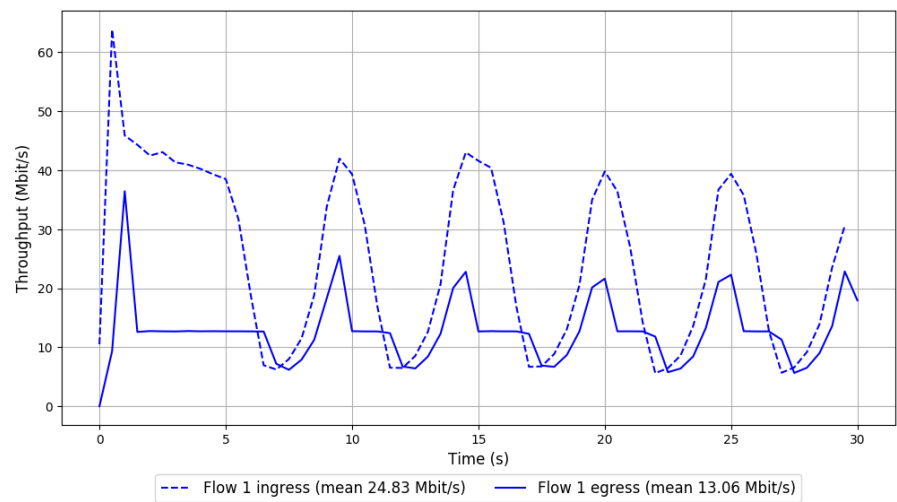


Run 1: Statistics of PCC-Expr

Start at: 2019-07-17 17:46:41
End at: 2019-07-17 17:47:11
Local clock offset: -6.455 ms
Remote clock offset: -3.177 ms

Below is generated by plot.py at 2019-07-17 20:34:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 25.828 ms
Loss rate: 47.38%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 25.828 ms
Loss rate: 47.38%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-07-17 18:25:23

End at: 2019-07-17 18:25:53

Local clock offset: -0.893 ms

Remote clock offset: -2.545 ms

Below is generated by plot.py at 2019-07-17 20:34:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.81 Mbit/s

95th percentile per-packet one-way delay: 26.006 ms

Loss rate: 37.35%

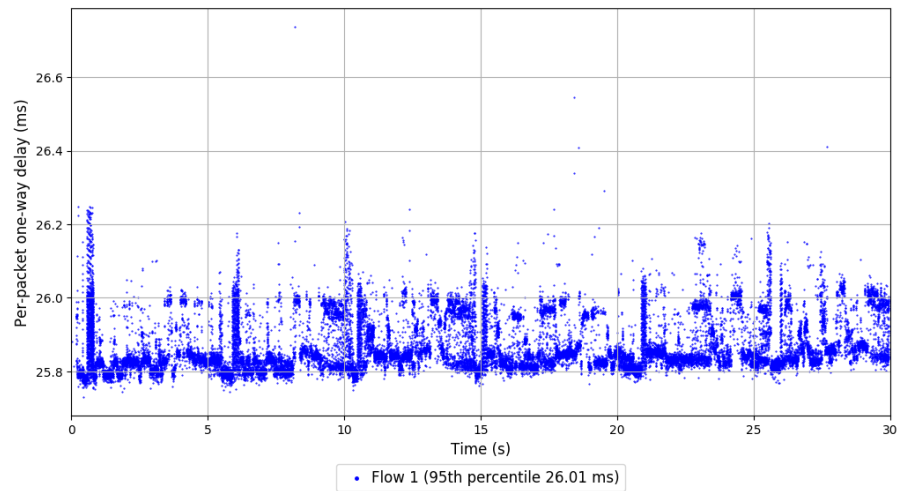
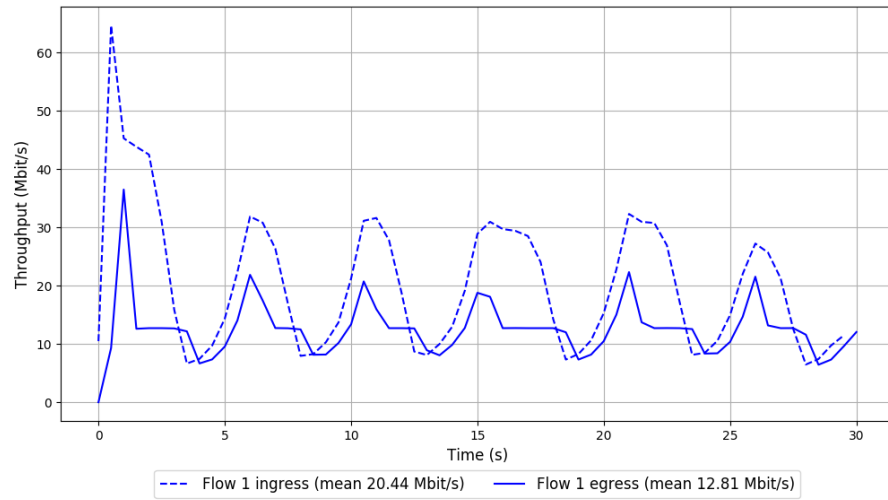
-- Flow 1:

Average throughput: 12.81 Mbit/s

95th percentile per-packet one-way delay: 26.006 ms

Loss rate: 37.35%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-07-17 19:00:18

End at: 2019-07-17 19:00:48

Local clock offset: -1.574 ms

Remote clock offset: -2.33 ms

Below is generated by plot.py at 2019-07-17 20:34:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 25.822 ms

Loss rate: 36.79%

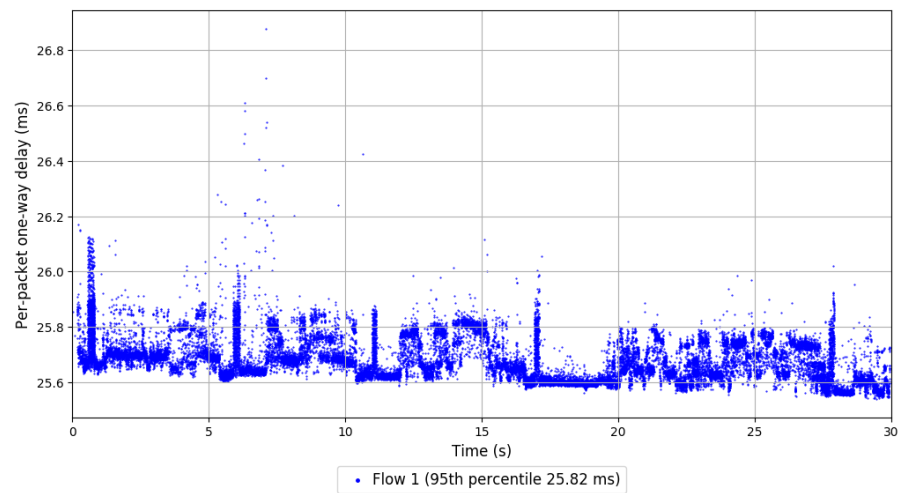
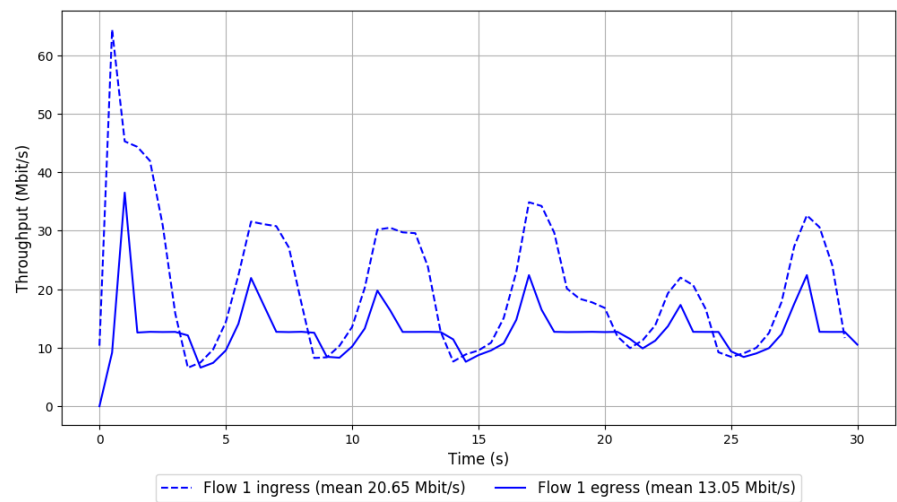
-- Flow 1:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 25.822 ms

Loss rate: 36.79%

Run 3: Report of PCC-Expr — Data Link

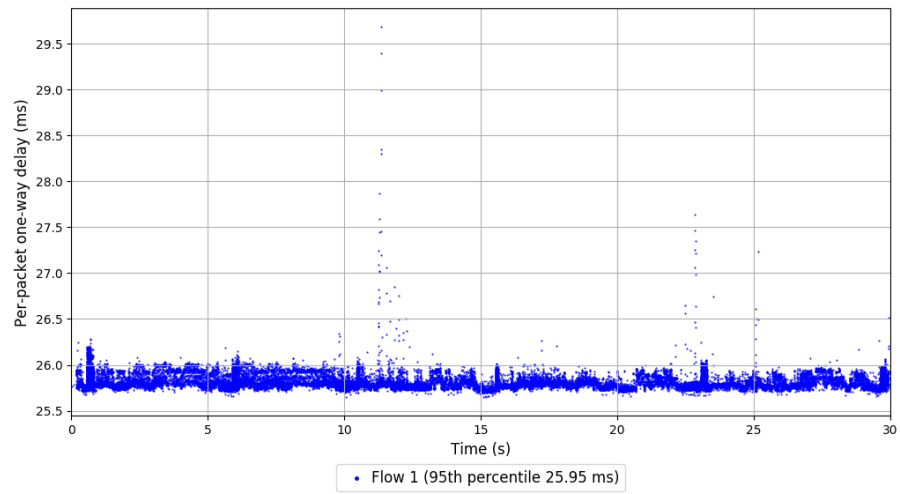
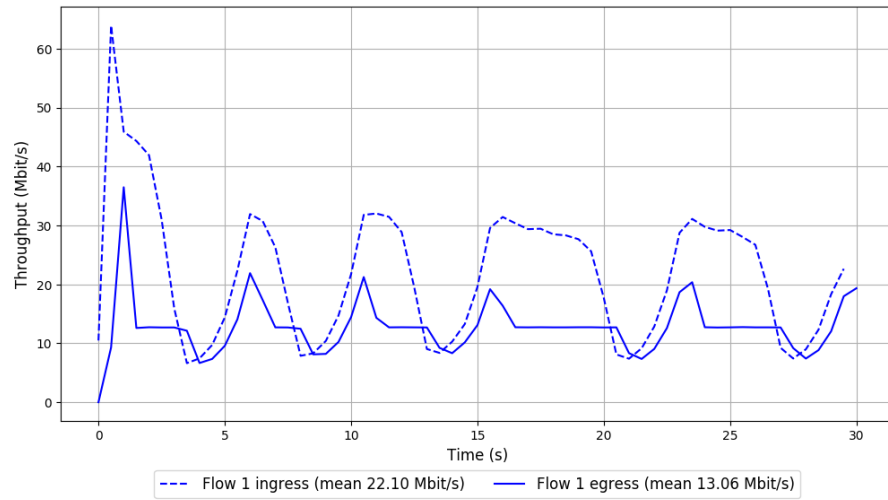


Run 4: Statistics of PCC-Expr

Start at: 2019-07-17 19:35:51
End at: 2019-07-17 19:36:21
Local clock offset: -3.095 ms
Remote clock offset: -2.416 ms

Below is generated by plot.py at 2019-07-17 20:34:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 40.89%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 25.948 ms
Loss rate: 40.89%

Run 4: Report of PCC-Expr — Data Link

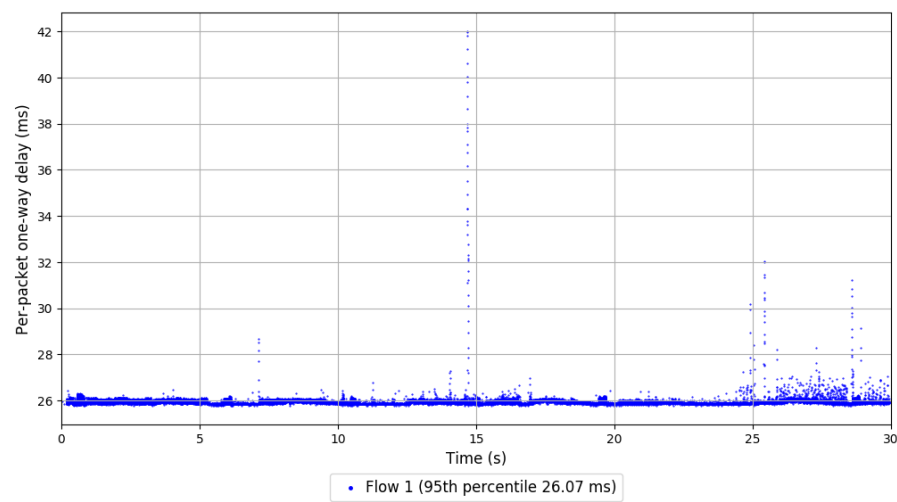
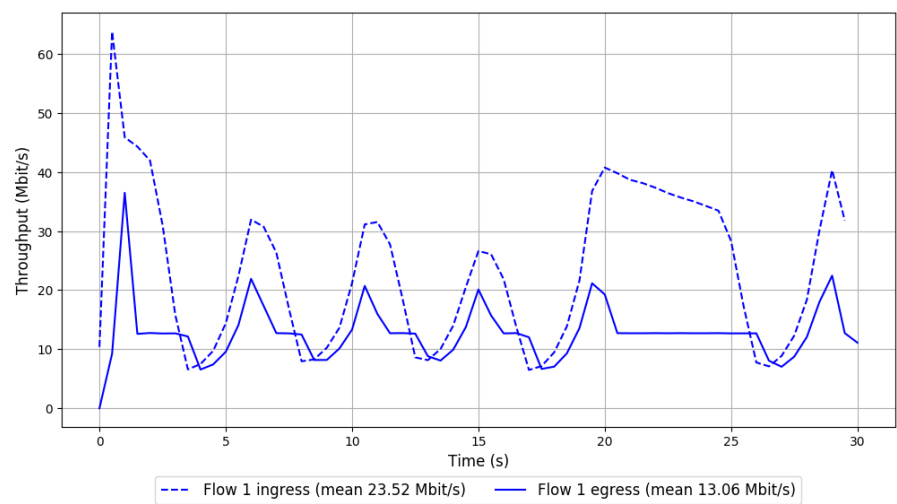


Run 5: Statistics of PCC-Expr

Start at: 2019-07-17 20:09:49
End at: 2019-07-17 20:10:19
Local clock offset: -0.228 ms
Remote clock offset: -2.632 ms

Below is generated by plot.py at 2019-07-17 20:34:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 26.070 ms
Loss rate: 44.47%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 26.070 ms
Loss rate: 44.47%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-07-17 17:38:00

End at: 2019-07-17 17:38:30

Local clock offset: -6.265 ms

Remote clock offset: -3.247 ms

Below is generated by plot.py at 2019-07-17 20:34:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.68 Mbit/s

95th percentile per-packet one-way delay: 50.649 ms

Loss rate: 1.00%

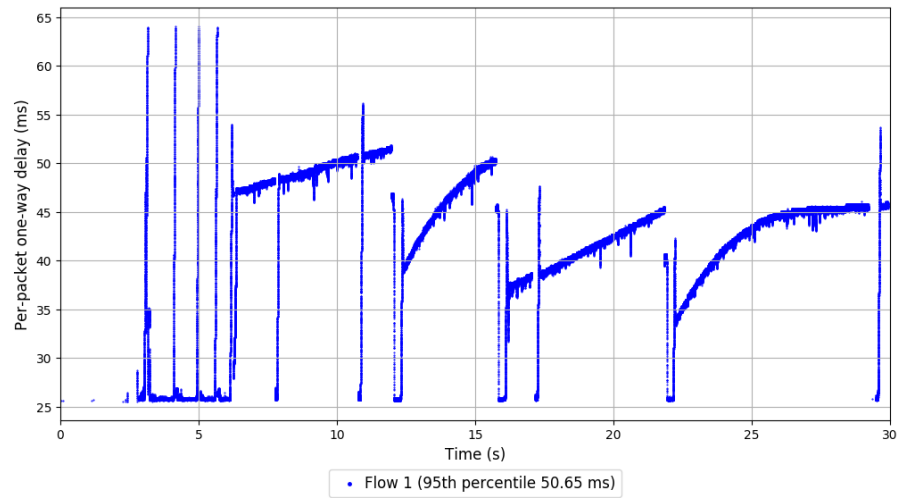
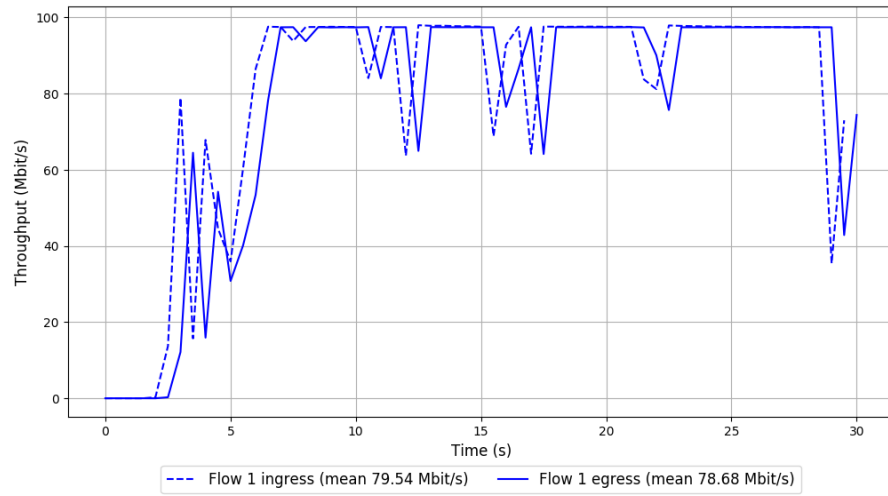
-- Flow 1:

Average throughput: 78.68 Mbit/s

95th percentile per-packet one-way delay: 50.649 ms

Loss rate: 1.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-07-17 18:16:36

End at: 2019-07-17 18:17:06

Local clock offset: -1.07 ms

Remote clock offset: -2.575 ms

Below is generated by plot.py at 2019-07-17 20:35:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 56.175 ms

Loss rate: 1.69%

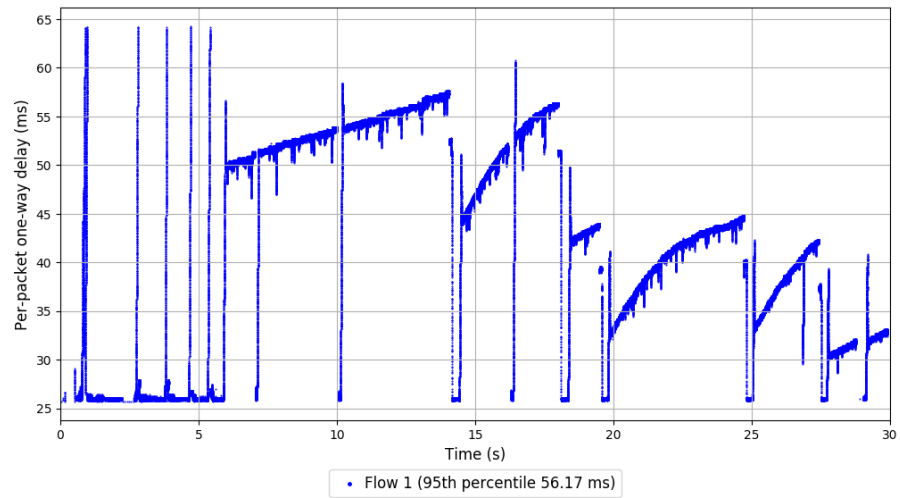
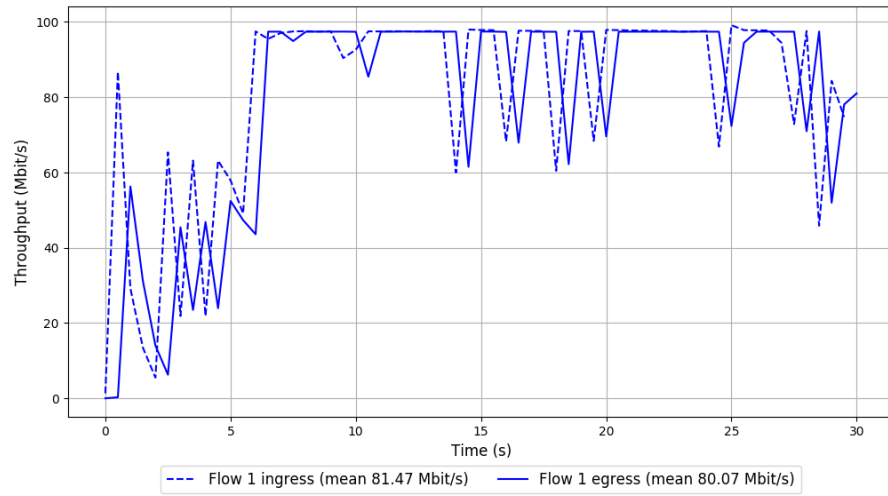
-- Flow 1:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 56.175 ms

Loss rate: 1.69%

Run 2: Report of QUIC Cubic — Data Link

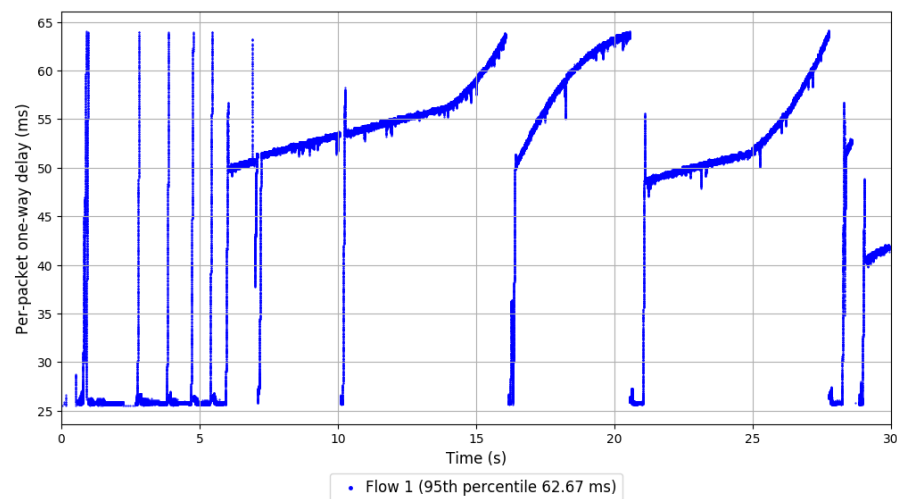
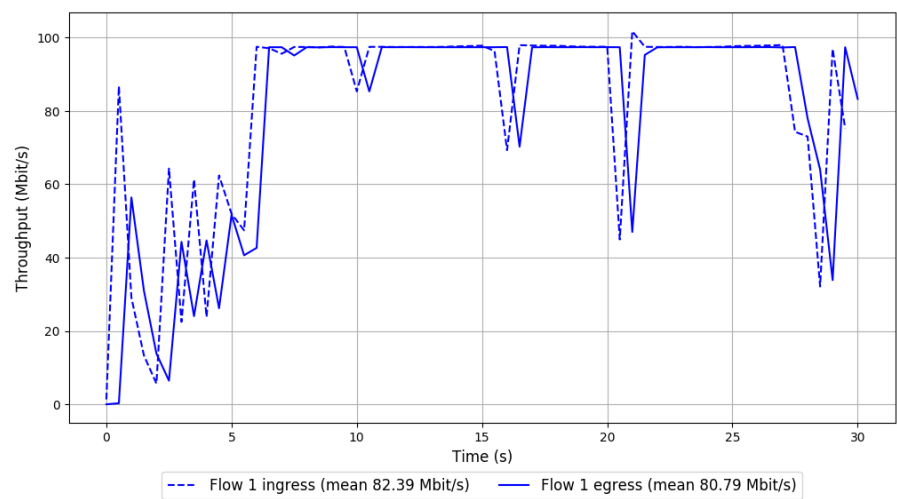


Run 3: Statistics of QUIC Cubic

Start at: 2019-07-17 18:52:20
End at: 2019-07-17 18:52:50
Local clock offset: -0.135 ms
Remote clock offset: -2.331 ms

Below is generated by plot.py at 2019-07-17 20:35:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.79 Mbit/s
95th percentile per-packet one-way delay: 62.674 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 80.79 Mbit/s
95th percentile per-packet one-way delay: 62.674 ms
Loss rate: 1.88%

Run 3: Report of QUIC Cubic — Data Link

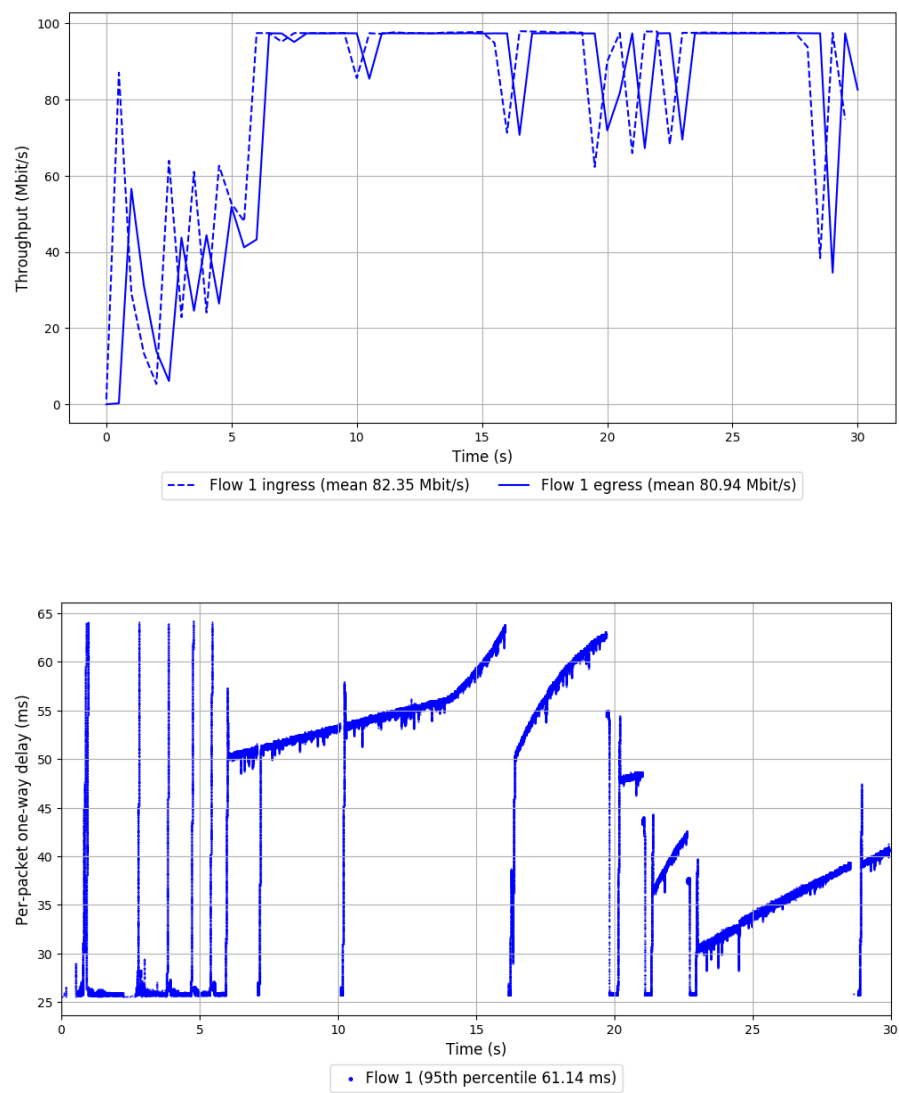


Run 4: Statistics of QUIC Cubic

Start at: 2019-07-17 19:27:59
End at: 2019-07-17 19:28:29
Local clock offset: -3.363 ms
Remote clock offset: -2.427 ms

Below is generated by plot.py at 2019-07-17 20:35:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 61.138 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 61.138 ms
Loss rate: 1.66%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-07-17 20:02:00

End at: 2019-07-17 20:02:30

Local clock offset: -1.147 ms

Remote clock offset: -2.607 ms

Below is generated by plot.py at 2019-07-17 20:35:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 62.804 ms

Loss rate: 1.91%

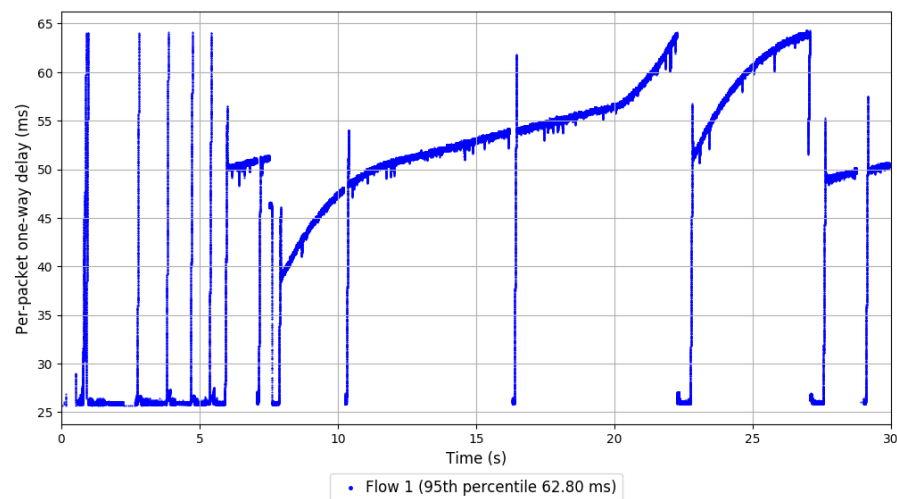
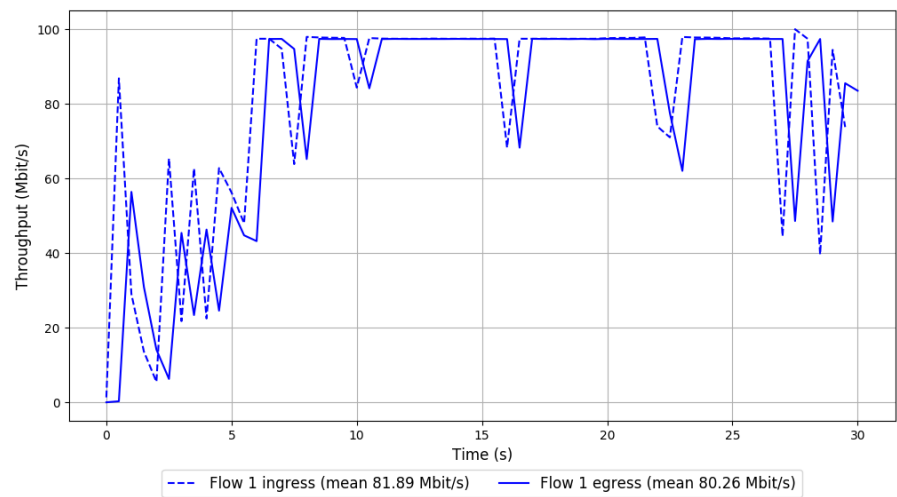
-- Flow 1:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 62.804 ms

Loss rate: 1.91%

Run 5: Report of QUIC Cubic — Data Link

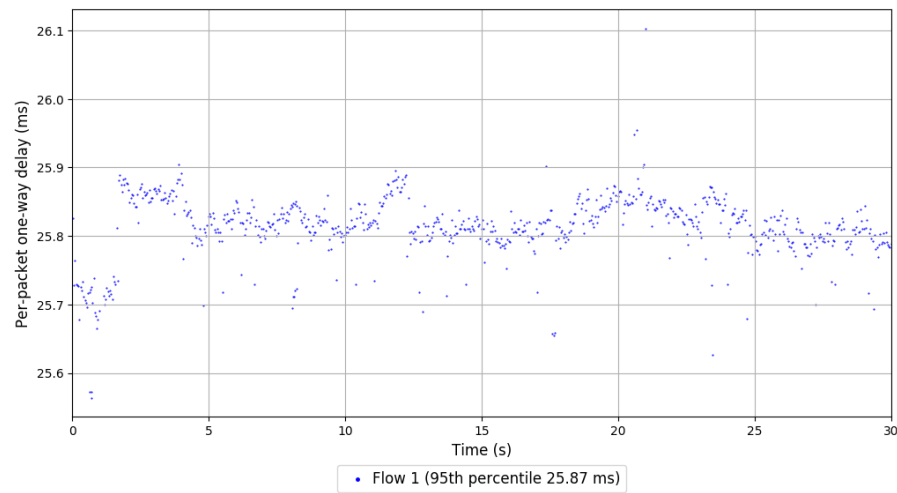
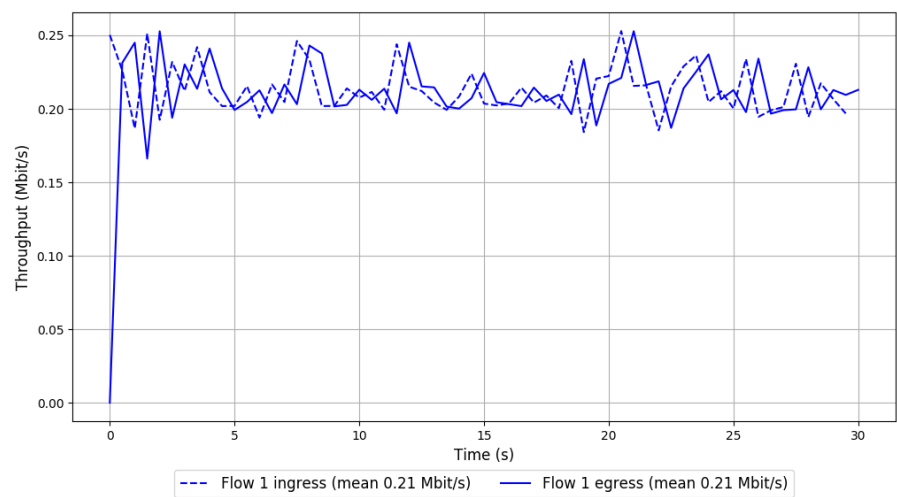


Run 1: Statistics of SCReAM

Start at: 2019-07-17 17:43:41
End at: 2019-07-17 17:44:11
Local clock offset: -6.24 ms
Remote clock offset: -3.122 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.871 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

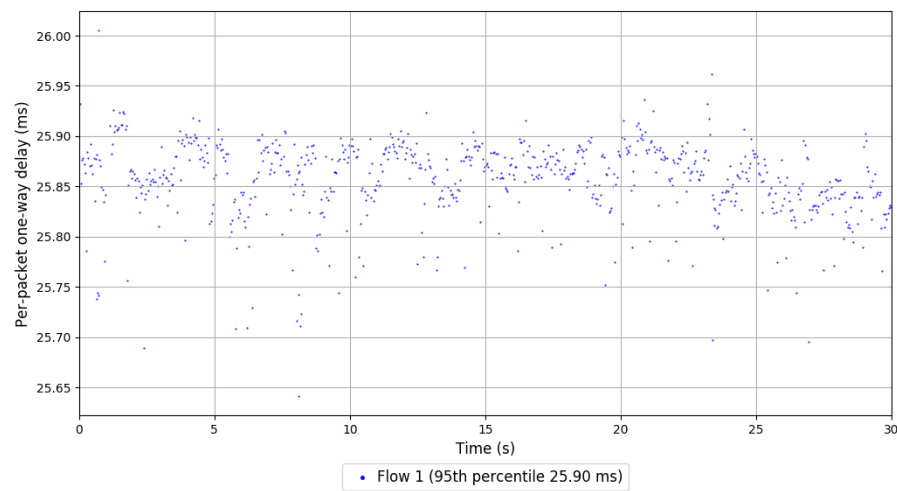
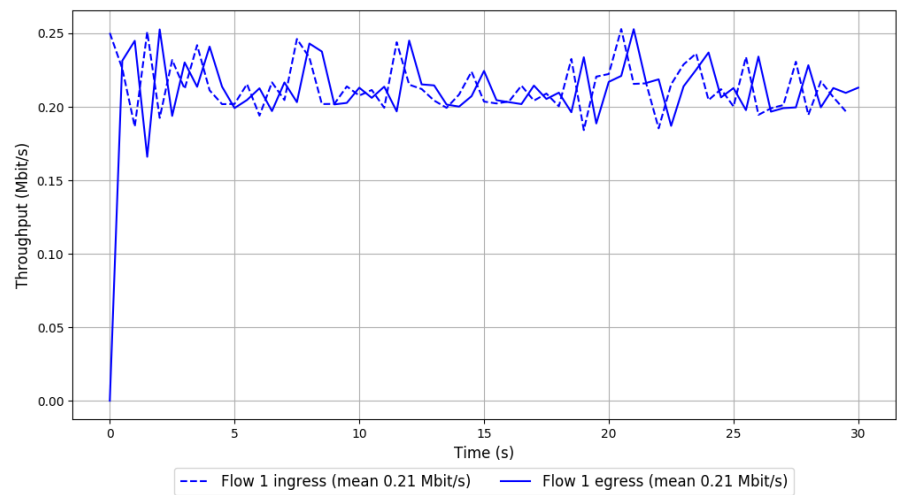


Run 2: Statistics of SCReAM

Start at: 2019-07-17 18:22:22
End at: 2019-07-17 18:22:52
Local clock offset: -0.938 ms
Remote clock offset: -2.641 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.902 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

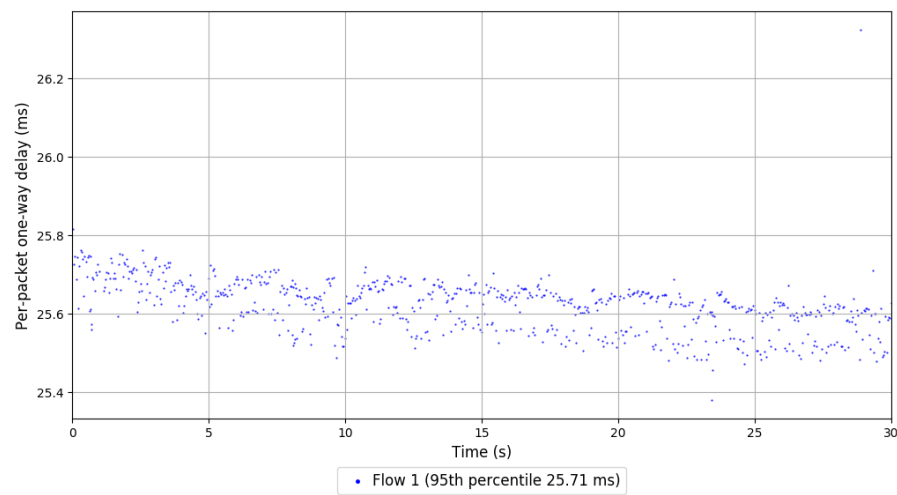
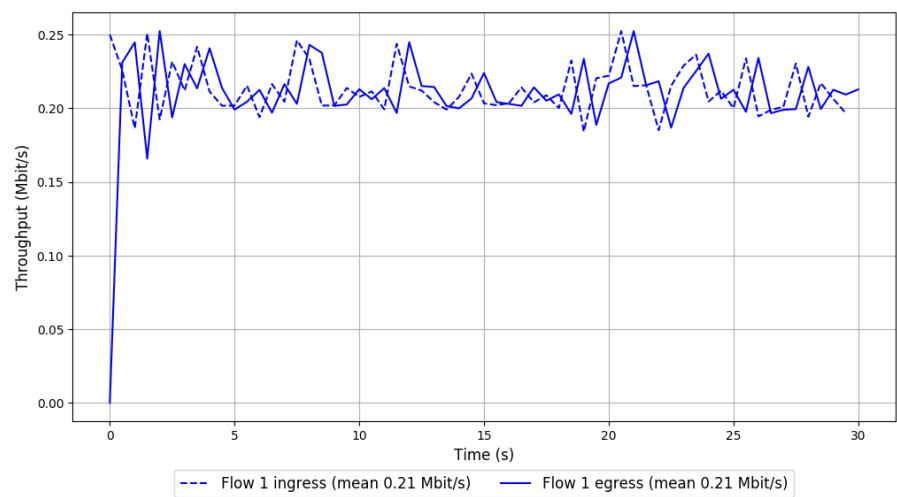


Run 3: Statistics of SCReAM

Start at: 2019-07-17 18:57:34
End at: 2019-07-17 18:58:04
Local clock offset: -0.901 ms
Remote clock offset: -2.381 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.715 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.715 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

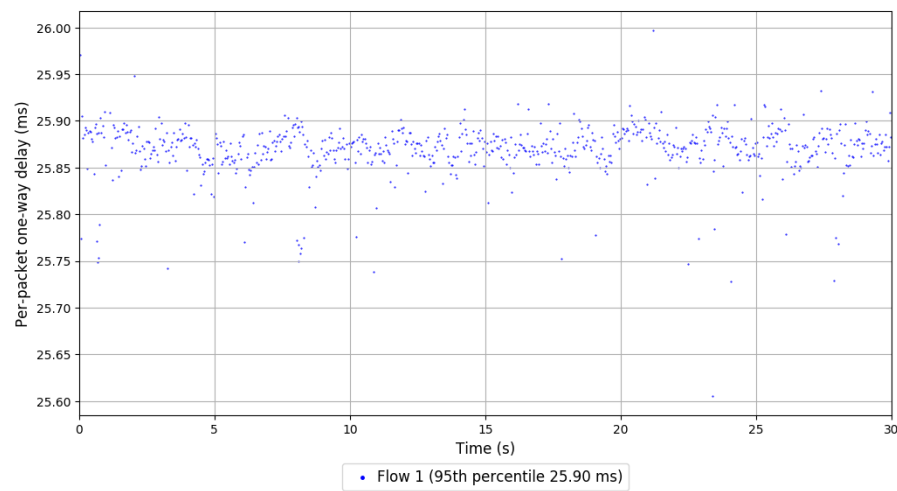
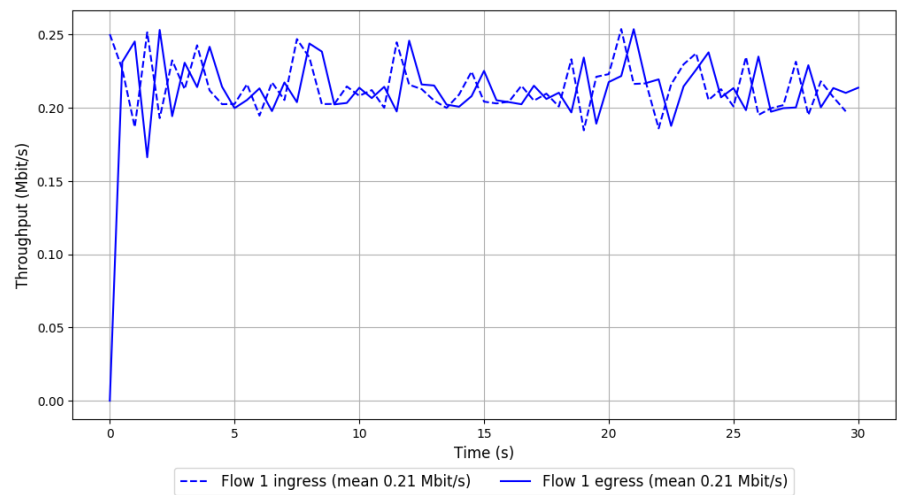


Run 4: Statistics of SCReAM

Start at: 2019-07-17 19:33:07
End at: 2019-07-17 19:33:37
Local clock offset: -3.144 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

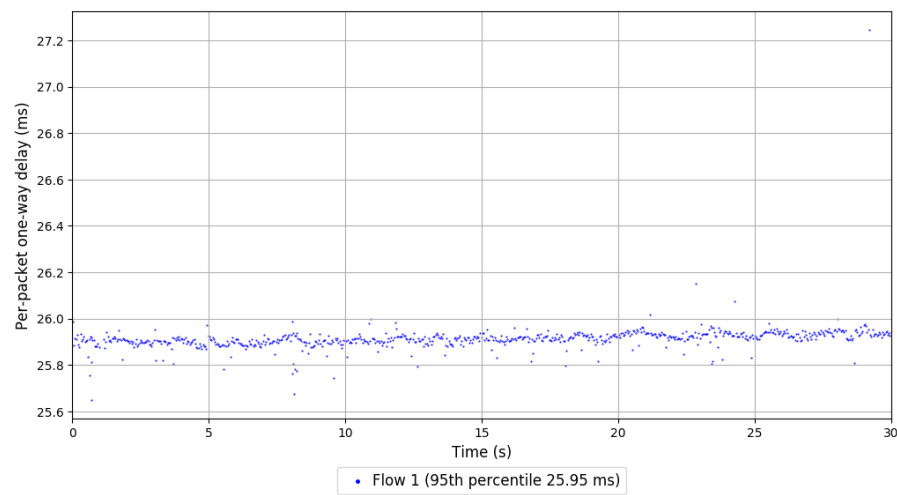
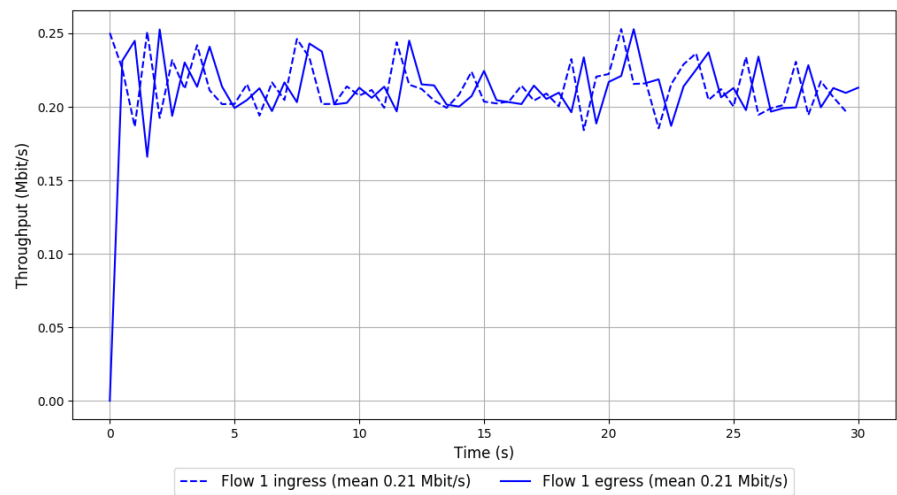


Run 5: Statistics of SCReAM

Start at: 2019-07-17 20:07:06
End at: 2019-07-17 20:07:36
Local clock offset: -0.478 ms
Remote clock offset: -2.729 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.952 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.952 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

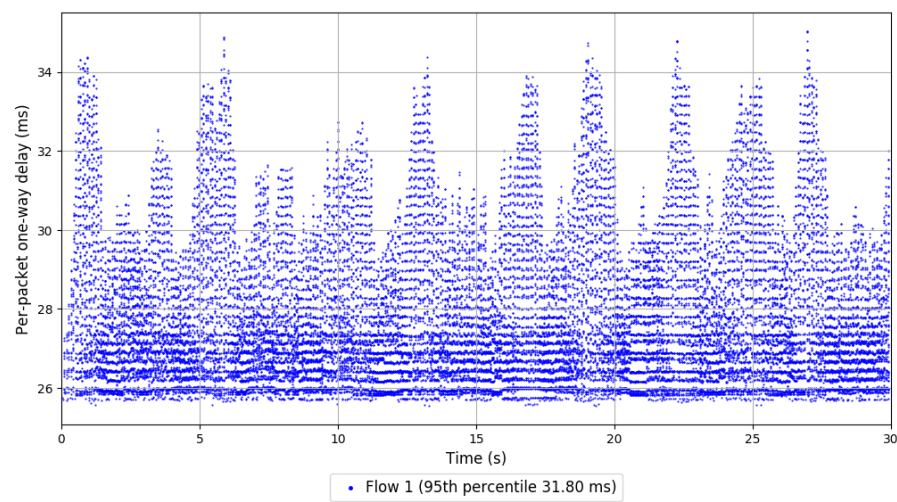
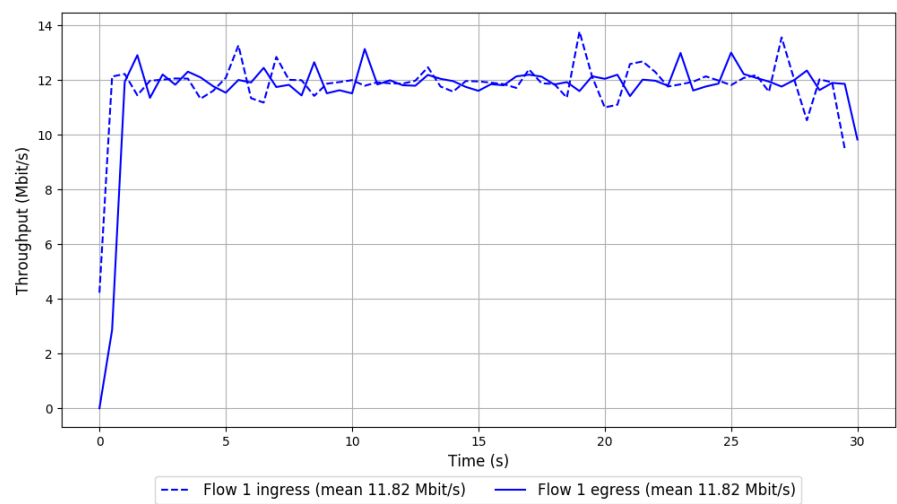


Run 1: Statistics of Sprout

Start at: 2019-07-17 17:39:47
End at: 2019-07-17 17:40:17
Local clock offset: -6.216 ms
Remote clock offset: -3.229 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 31.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 31.797 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

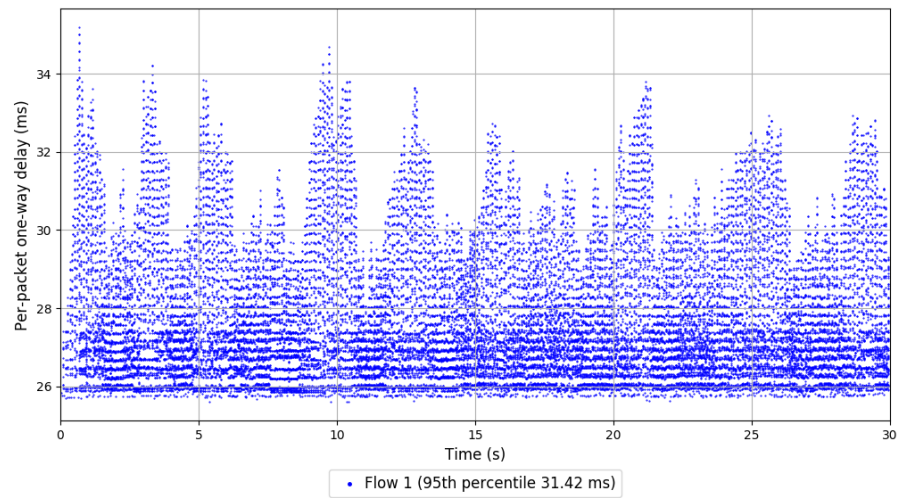
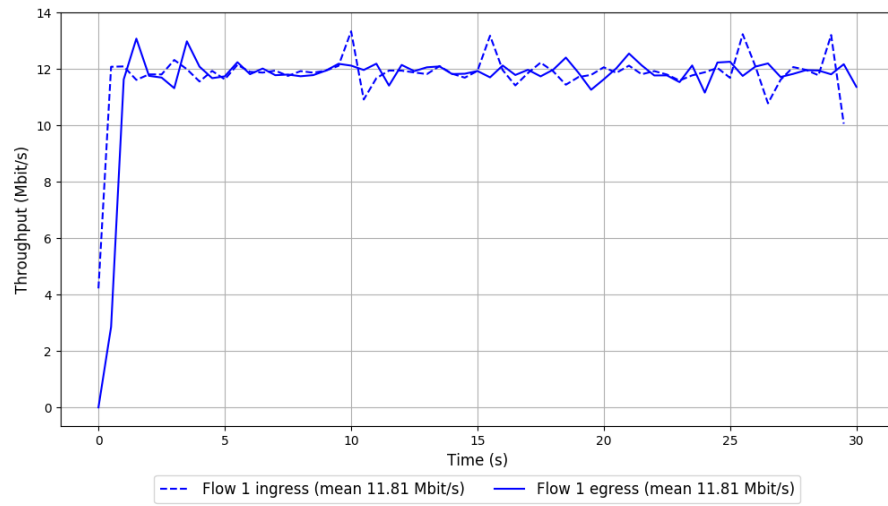


Run 2: Statistics of Sprout

Start at: 2019-07-17 18:18:44
End at: 2019-07-17 18:19:14
Local clock offset: -1.007 ms
Remote clock offset: -2.608 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 31.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 31.418 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

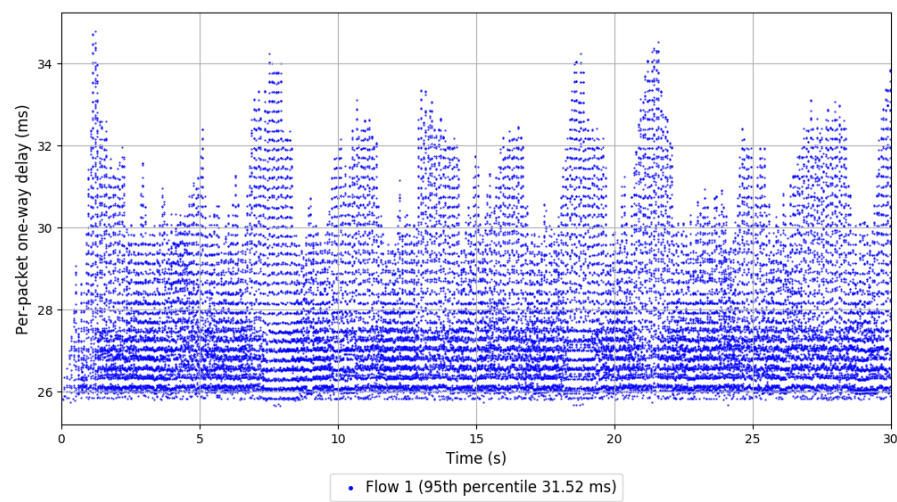
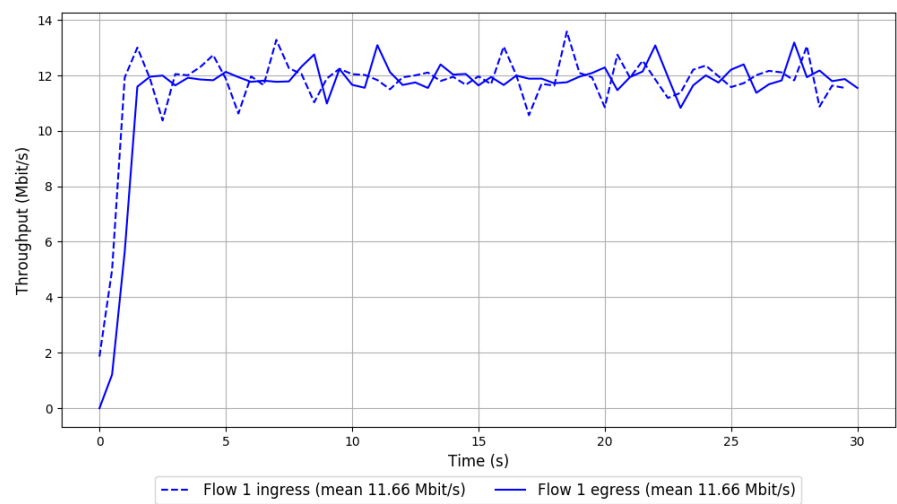


Run 3: Statistics of Sprout

Start at: 2019-07-17 18:53:47
End at: 2019-07-17 18:54:17
Local clock offset: -0.155 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 31.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 31.516 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

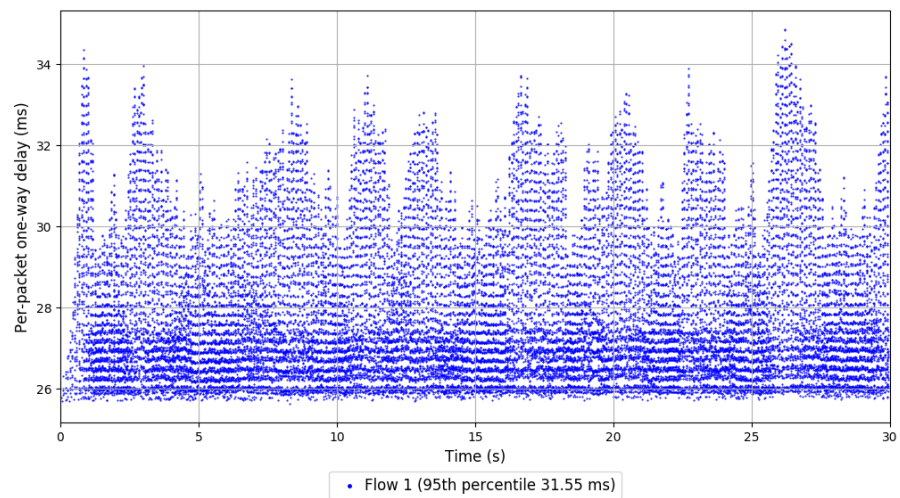
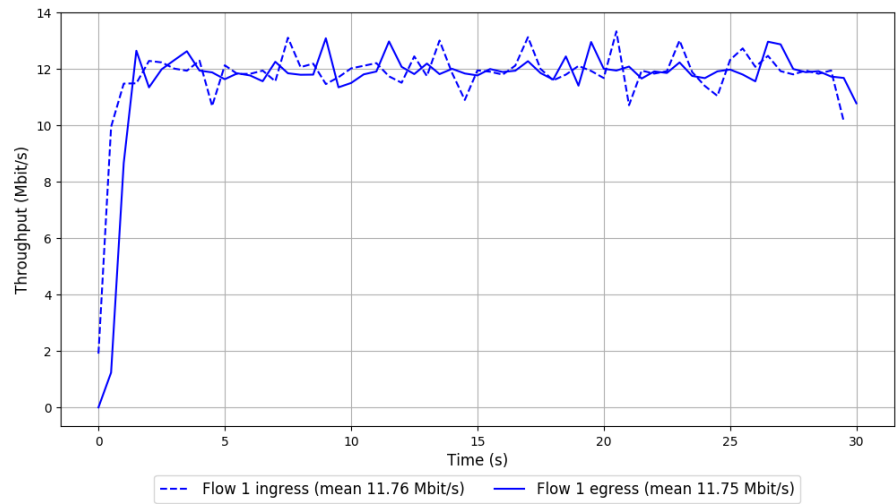


Run 4: Statistics of Sprout

Start at: 2019-07-17 19:29:33
End at: 2019-07-17 19:30:03
Local clock offset: -3.264 ms
Remote clock offset: -2.433 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 31.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 31.551 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

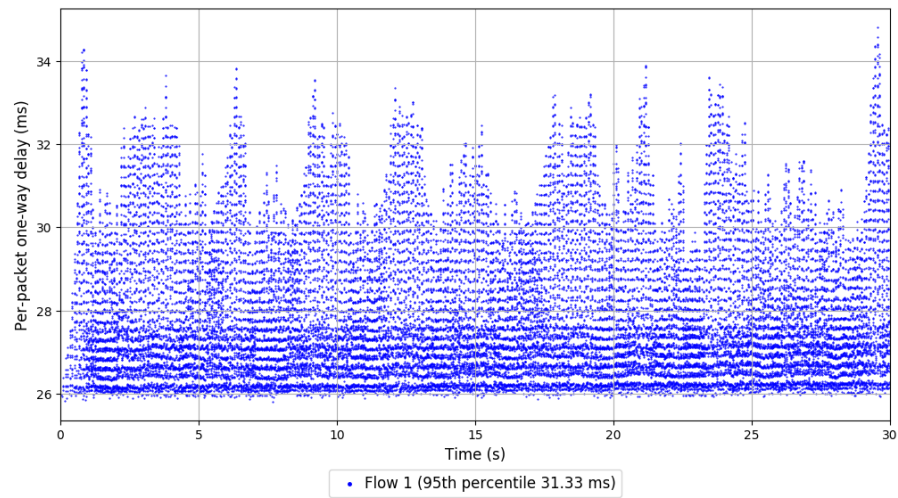
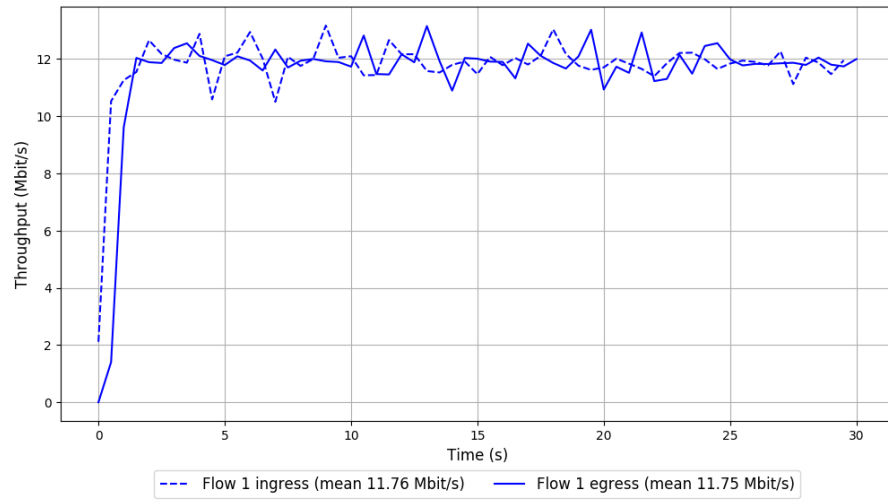


Run 5: Statistics of Sprout

Start at: 2019-07-17 20:03:28
End at: 2019-07-17 20:03:58
Local clock offset: -0.934 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2019-07-17 20:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 31.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 31.330 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

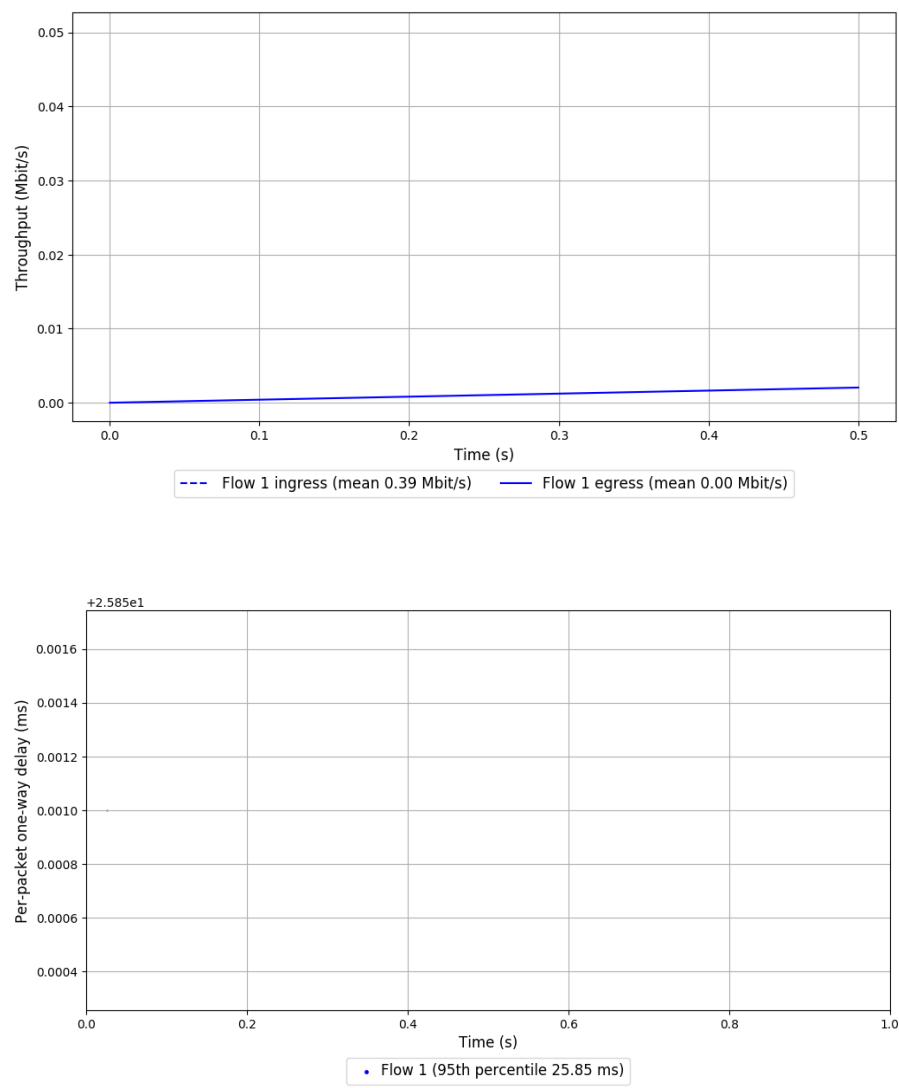
Start at: 2019-07-17 17:42:34

End at: 2019-07-17 17:43:04

Local clock offset: -6.248 ms

Remote clock offset: -3.165 ms

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



Run 2: Statistics of TaoVA-100x

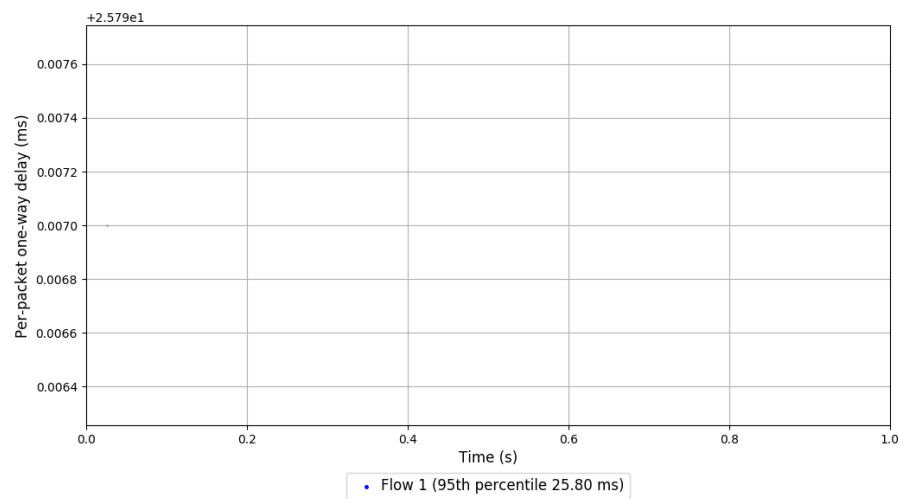
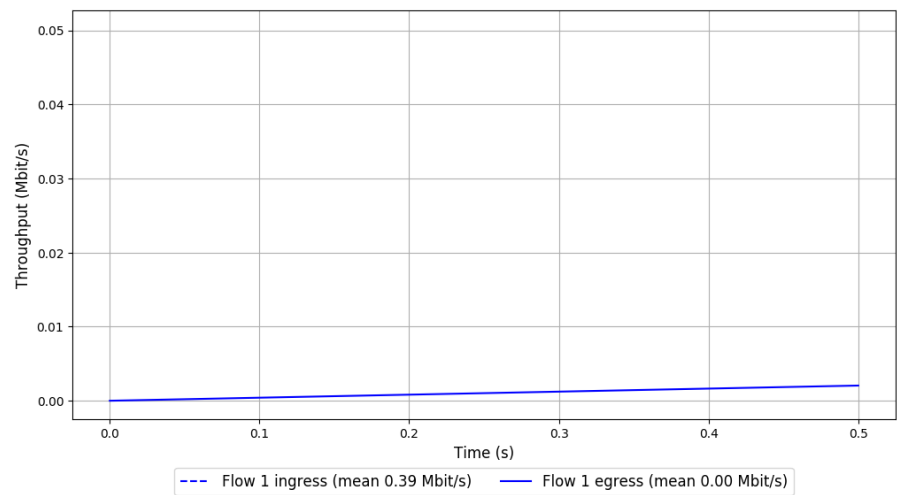
Start at: 2019-07-17 18:21:16

End at: 2019-07-17 18:21:46

Local clock offset: -0.964 ms

Remote clock offset: -2.659 ms

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



Run 3: Statistics of TaoVA-100x

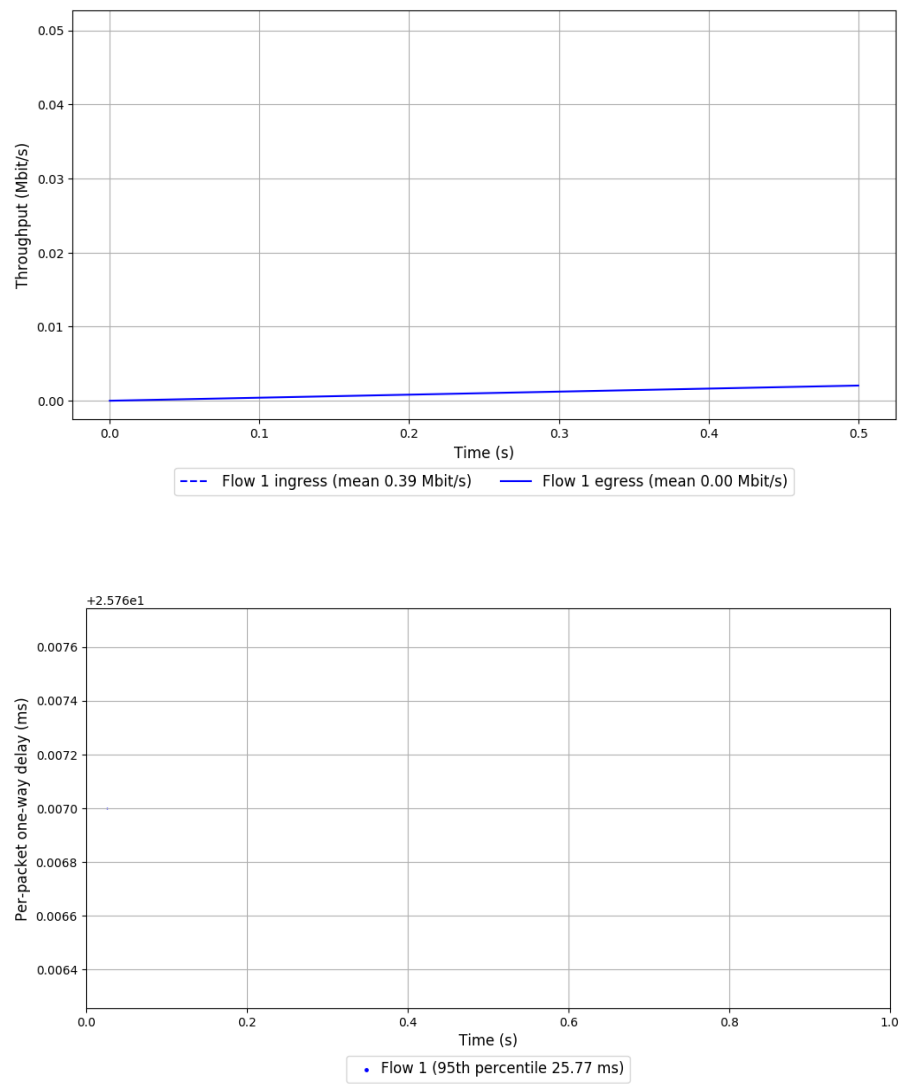
Start at: 2019-07-17 18:56:28

End at: 2019-07-17 18:56:58

Local clock offset: -0.612 ms

Remote clock offset: -2.361 ms

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



Run 4: Statistics of TaoVA-100x

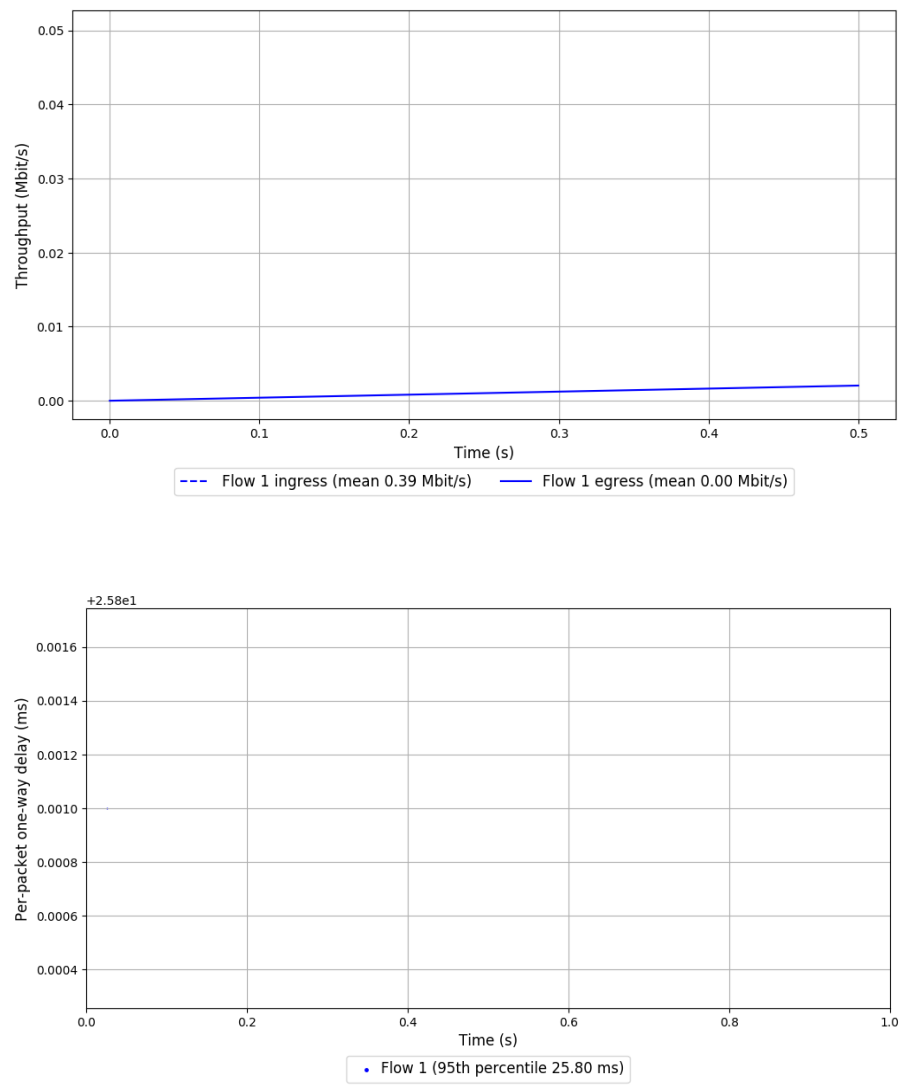
Start at: 2019-07-17 19:32:01

End at: 2019-07-17 19:32:31

Local clock offset: -3.179 ms

Remote clock offset: -2.446 ms

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



Run 5: Statistics of TaoVA-100x

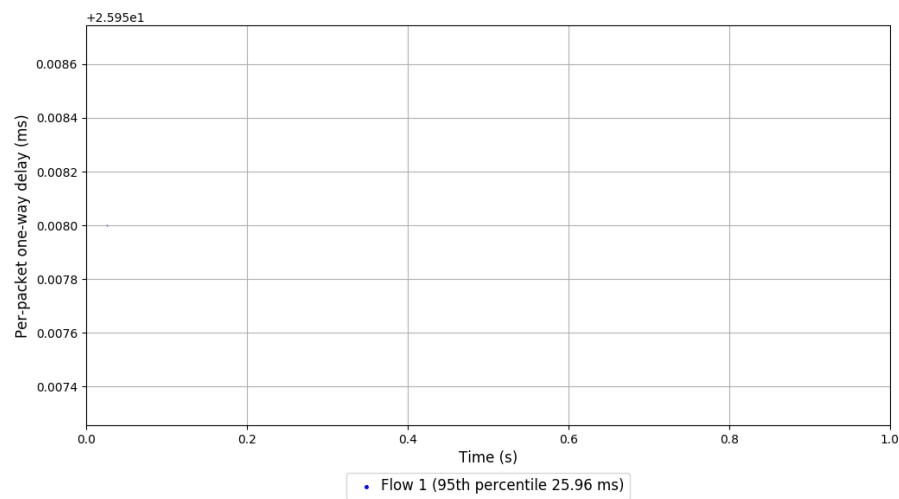
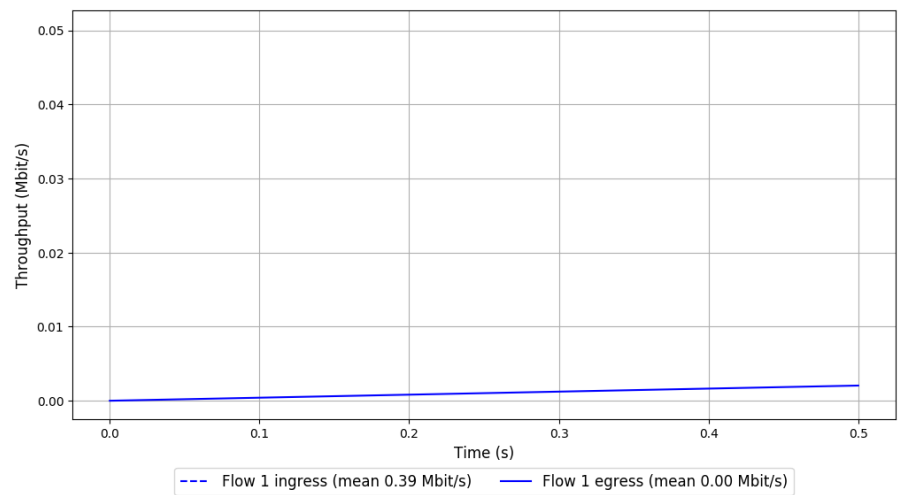
Start at: 2019-07-17 20:06:00

End at: 2019-07-17 20:06:30

Local clock offset: -0.603 ms

Remote clock offset: -2.692 ms

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

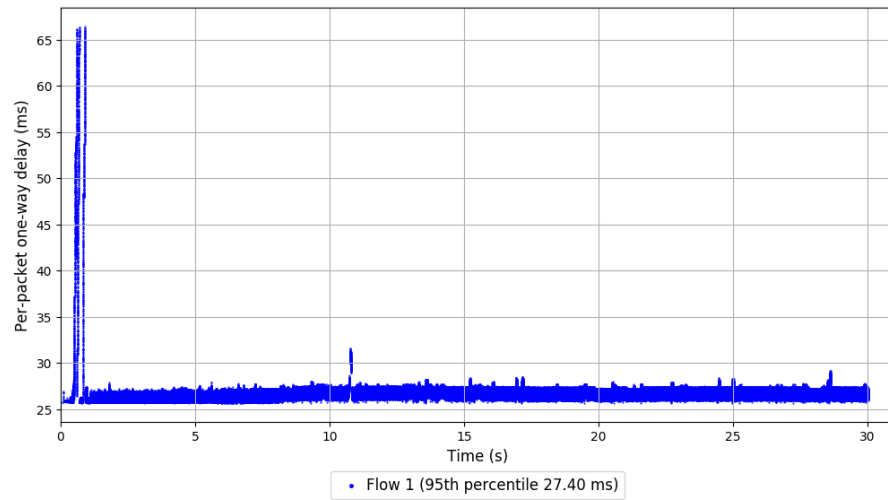
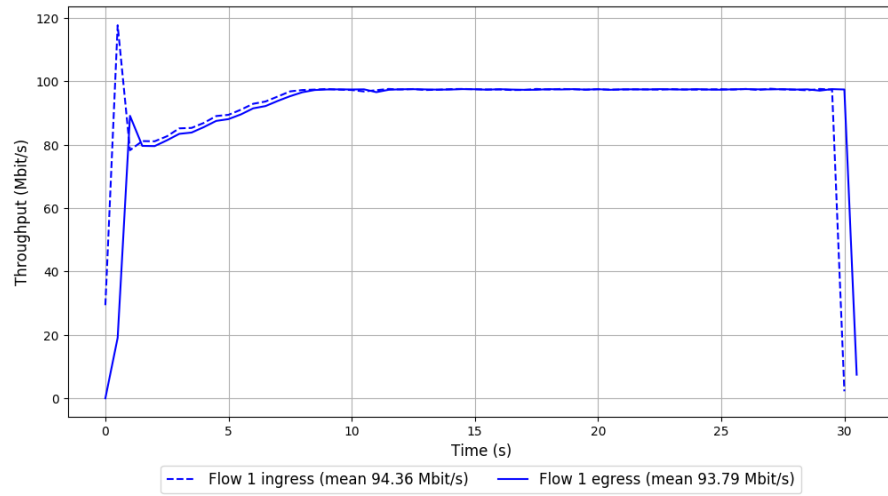


Run 1: Statistics of TCP Vegas

Start at: 2019-07-17 17:50:53
End at: 2019-07-17 17:51:23
Local clock offset: -6.812 ms
Remote clock offset: -2.989 ms

Below is generated by plot.py at 2019-07-17 20:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 27.396 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 27.396 ms
Loss rate: 0.61%

Run 1: Report of TCP Vegas — Data Link

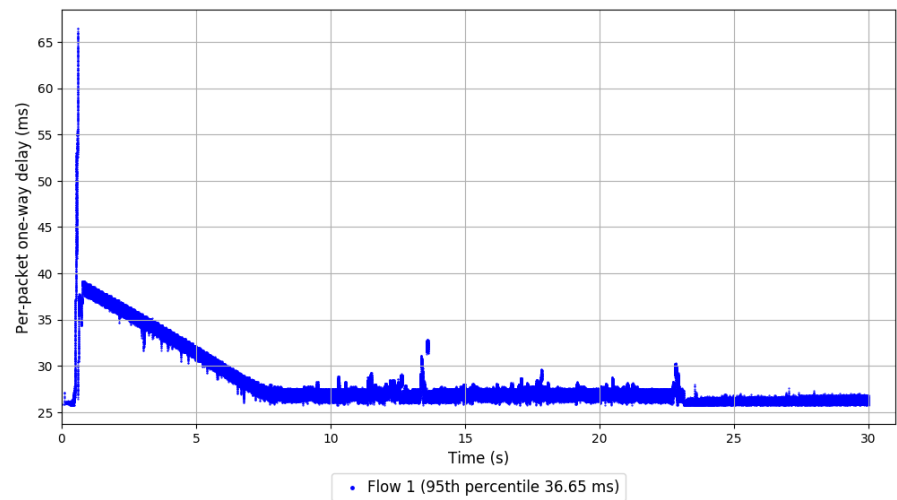
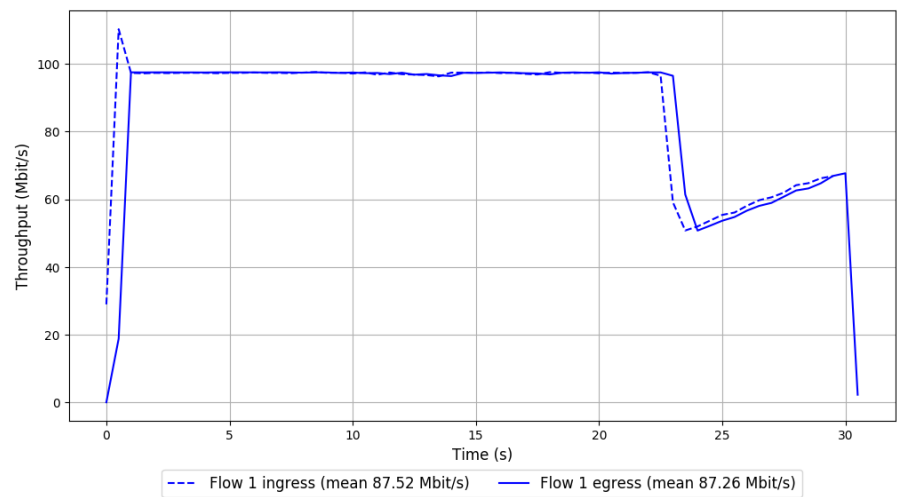


Run 2: Statistics of TCP Vegas

Start at: 2019-07-17 18:29:51
End at: 2019-07-17 18:30:21
Local clock offset: -0.533 ms
Remote clock offset: -2.521 ms

Below is generated by plot.py at 2019-07-17 20:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 36.648 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 36.648 ms
Loss rate: 0.29%

Run 2: Report of TCP Vegas — Data Link

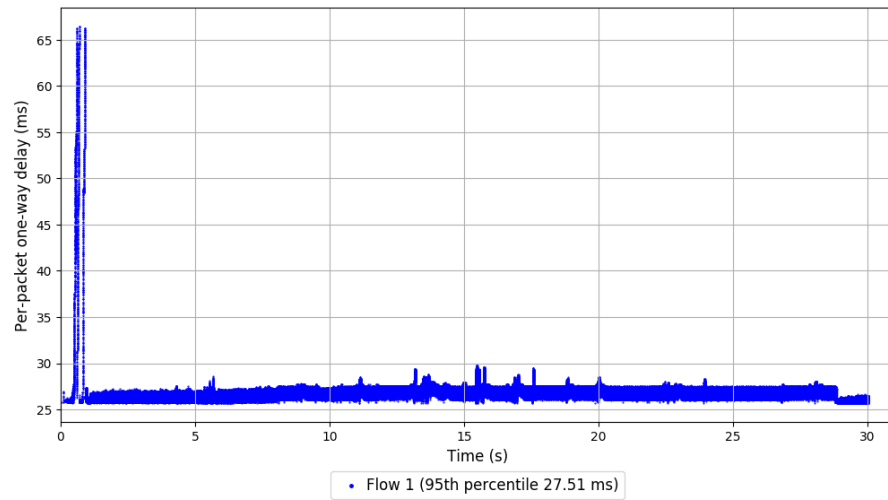
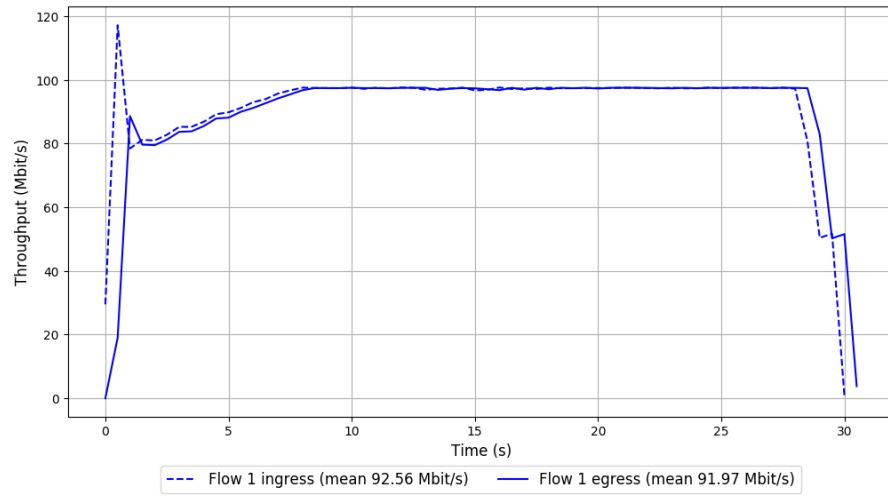


Run 3: Statistics of TCP Vegas

Start at: 2019-07-17 19:05:07
End at: 2019-07-17 19:05:37
Local clock offset: -2.297 ms
Remote clock offset: -2.353 ms

Below is generated by plot.py at 2019-07-17 20:35:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 27.508 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 27.508 ms
Loss rate: 0.63%

Run 3: Report of TCP Vegas — Data Link

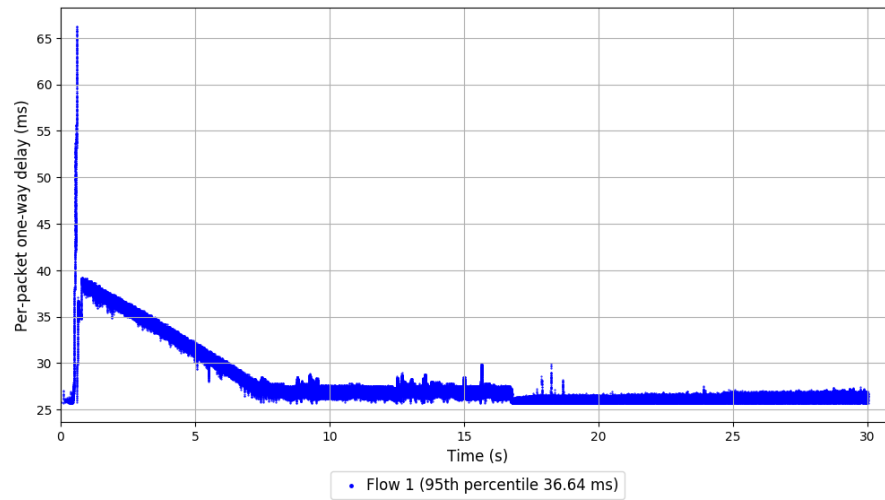
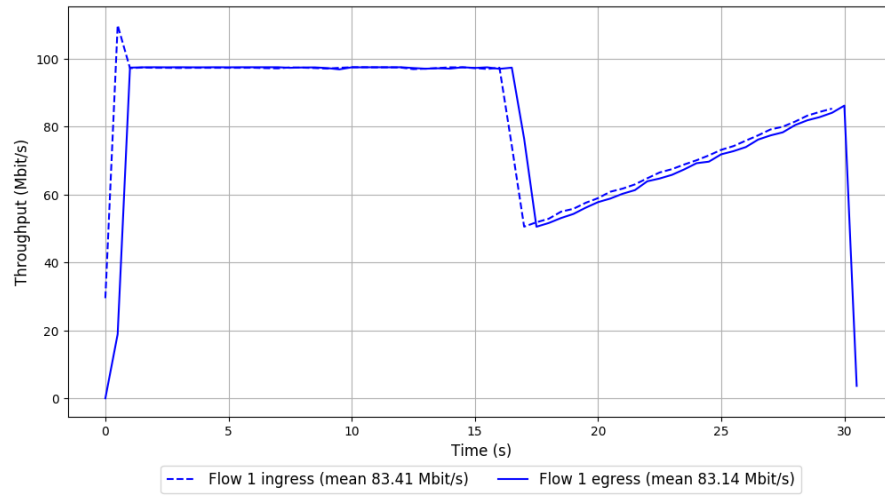


Run 4: Statistics of TCP Vegas

Start at: 2019-07-17 19:40:15
End at: 2019-07-17 19:40:45
Local clock offset: -3.039 ms
Remote clock offset: -2.401 ms

Below is generated by plot.py at 2019-07-17 20:35:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 36.642 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 36.642 ms
Loss rate: 0.32%

Run 4: Report of TCP Vegas — Data Link

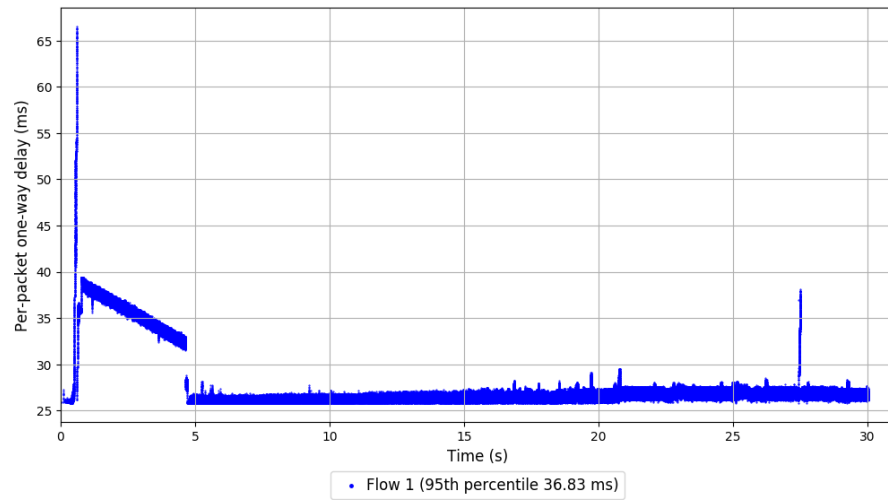
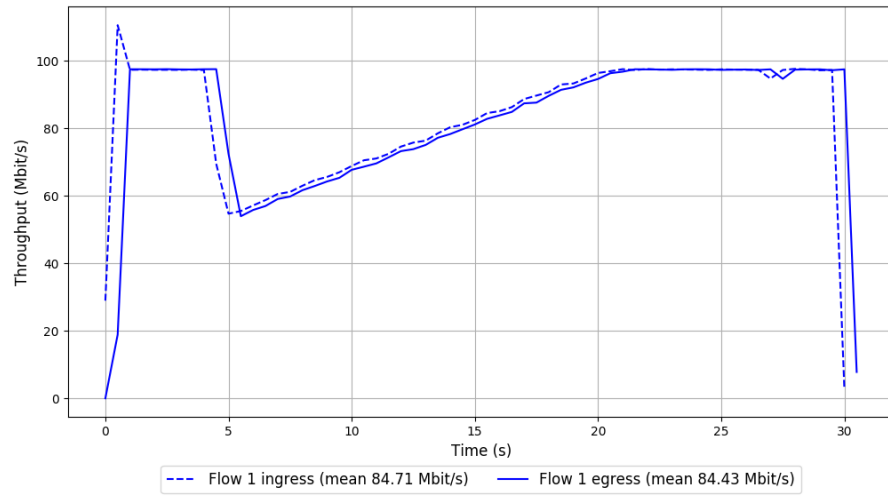


Run 5: Statistics of TCP Vegas

Start at: 2019-07-17 20:13:57
End at: 2019-07-17 20:14:27
Local clock offset: -0.006 ms
Remote clock offset: -2.656 ms

Below is generated by plot.py at 2019-07-17 20:35:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 36.830 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 36.830 ms
Loss rate: 0.33%

Run 5: Report of TCP Vegas — Data Link

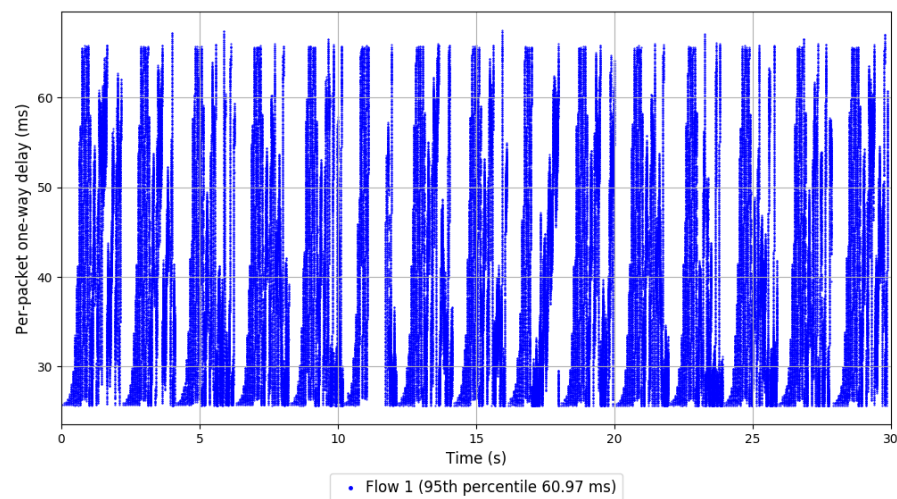
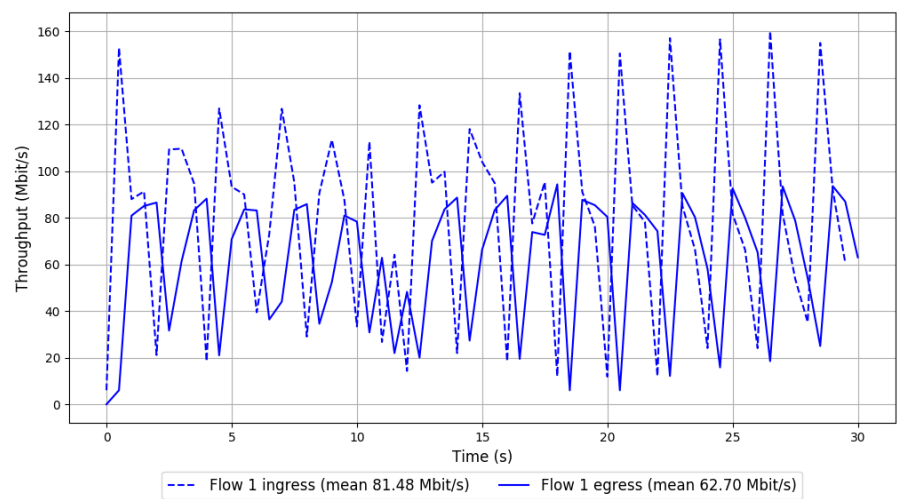


Run 1: Statistics of Verus

Start at: 2019-07-17 17:49:15
End at: 2019-07-17 17:49:45
Local clock offset: -6.681 ms
Remote clock offset: -3.099 ms

Below is generated by plot.py at 2019-07-17 20:35:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.70 Mbit/s
95th percentile per-packet one-way delay: 60.971 ms
Loss rate: 22.97%
-- Flow 1:
Average throughput: 62.70 Mbit/s
95th percentile per-packet one-way delay: 60.971 ms
Loss rate: 22.97%

Run 1: Report of Verus — Data Link

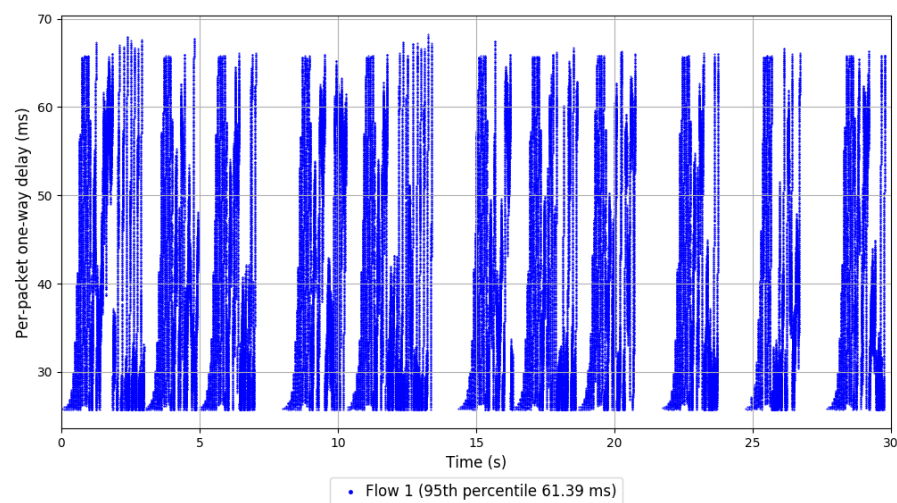
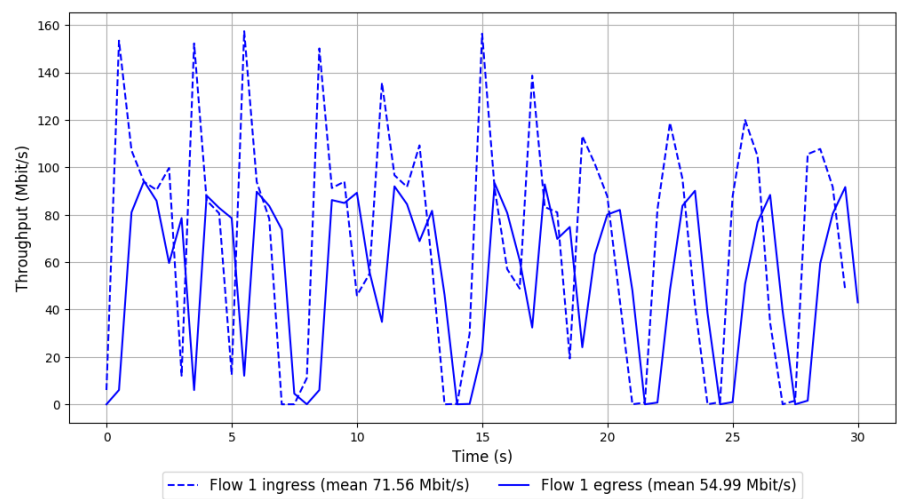


Run 2: Statistics of Verus

Start at: 2019-07-17 18:28:21
End at: 2019-07-17 18:28:51
Local clock offset: -0.626 ms
Remote clock offset: -2.513 ms

Below is generated by plot.py at 2019-07-17 20:35:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 61.390 ms
Loss rate: 23.09%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 61.390 ms
Loss rate: 23.09%

Run 2: Report of Verus — Data Link

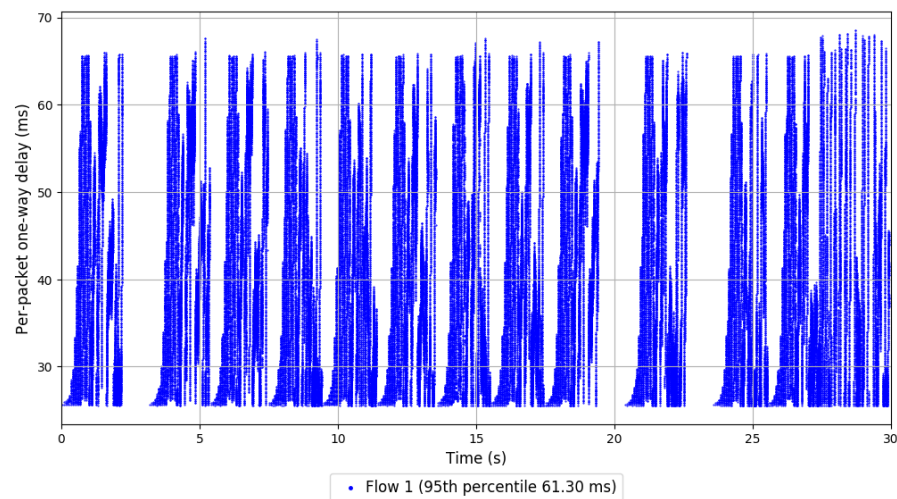
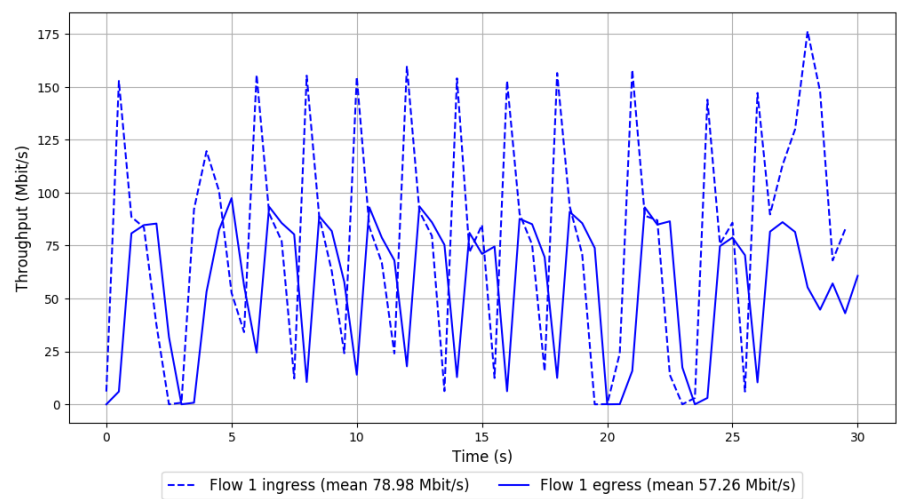


Run 3: Statistics of Verus

Start at: 2019-07-17 19:03:12
End at: 2019-07-17 19:03:42
Local clock offset: -2.027 ms
Remote clock offset: -2.338 ms

Below is generated by plot.py at 2019-07-17 20:36:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 61.296 ms
Loss rate: 27.47%
-- Flow 1:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 61.296 ms
Loss rate: 27.47%

Run 3: Report of Verus — Data Link

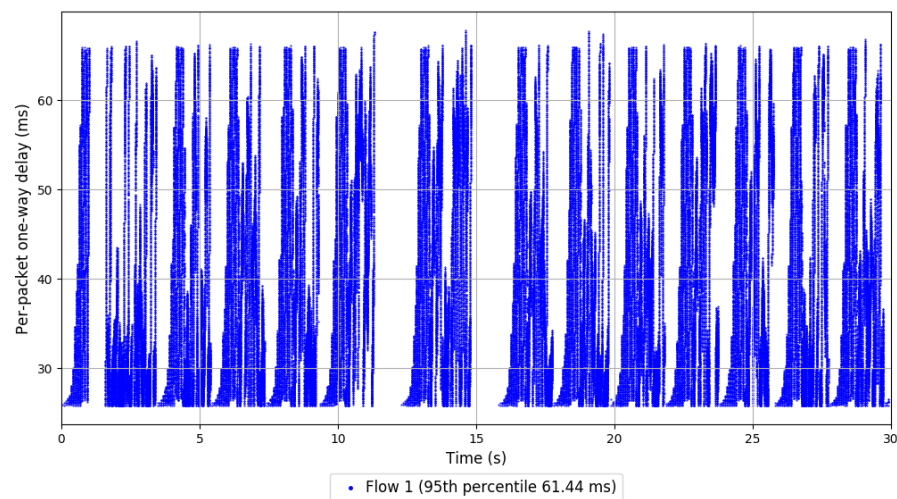
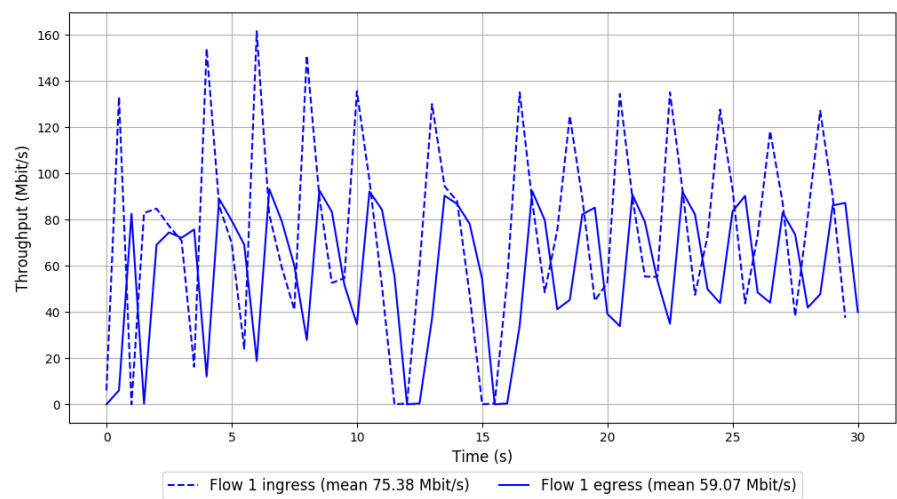


Run 4: Statistics of Verus

Start at: 2019-07-17 19:38:37
End at: 2019-07-17 19:39:07
Local clock offset: -3.065 ms
Remote clock offset: -2.319 ms

Below is generated by plot.py at 2019-07-17 20:36:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 61.444 ms
Loss rate: 21.64%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 61.444 ms
Loss rate: 21.64%

Run 4: Report of Verus — Data Link

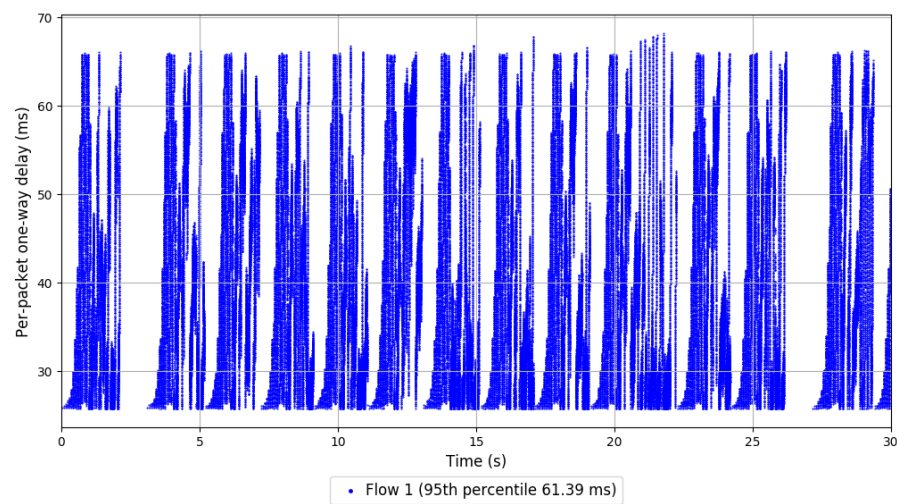
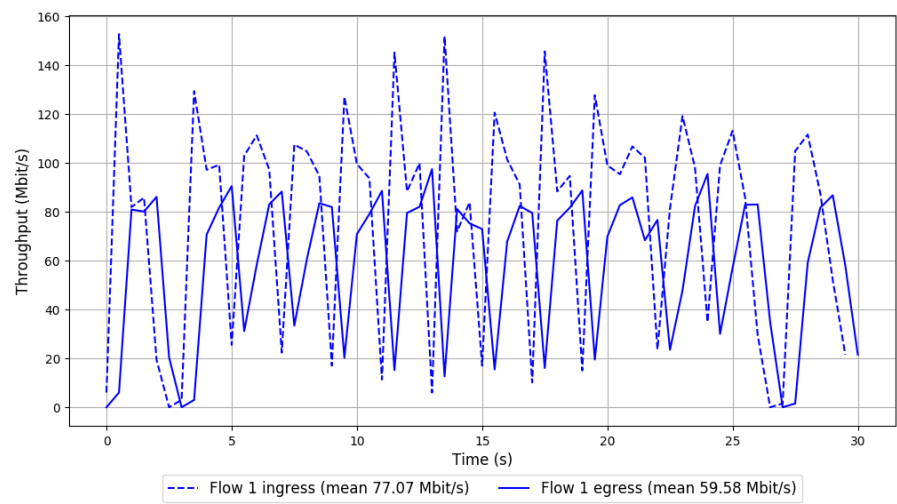


Run 5: Statistics of Verus

Start at: 2019-07-17 20:12:36
End at: 2019-07-17 20:13:06
Local clock offset: -0.064 ms
Remote clock offset: -2.686 ms

Below is generated by plot.py at 2019-07-17 20:36:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 61.392 ms
Loss rate: 22.63%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 61.392 ms
Loss rate: 22.63%

Run 5: Report of Verus — Data Link

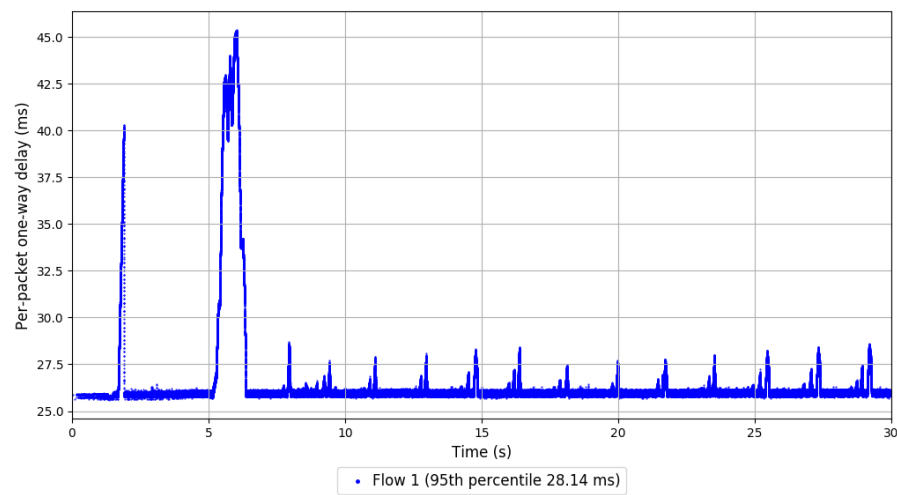
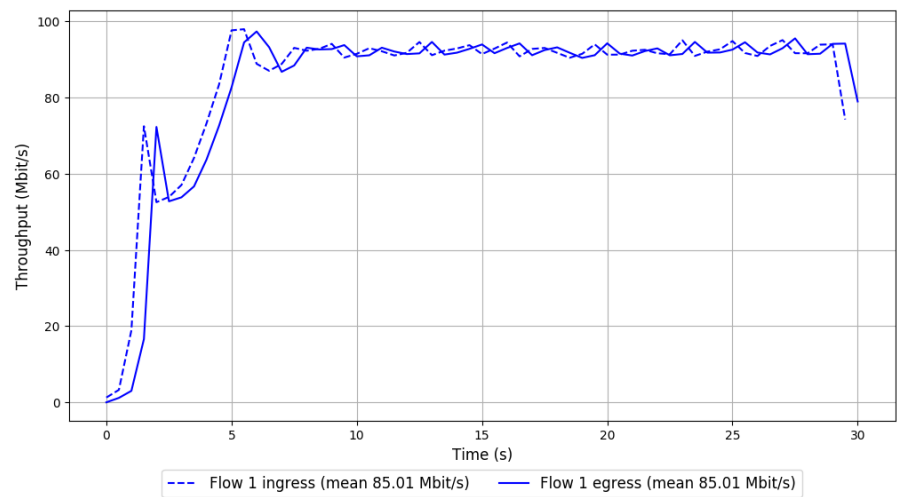


Run 1: Statistics of PCC-Vivace

Start at: 2019-07-17 17:36:17
End at: 2019-07-17 17:36:47
Local clock offset: -6.422 ms
Remote clock offset: -3.313 ms

Below is generated by plot.py at 2019-07-17 20:36:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 28.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 28.140 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

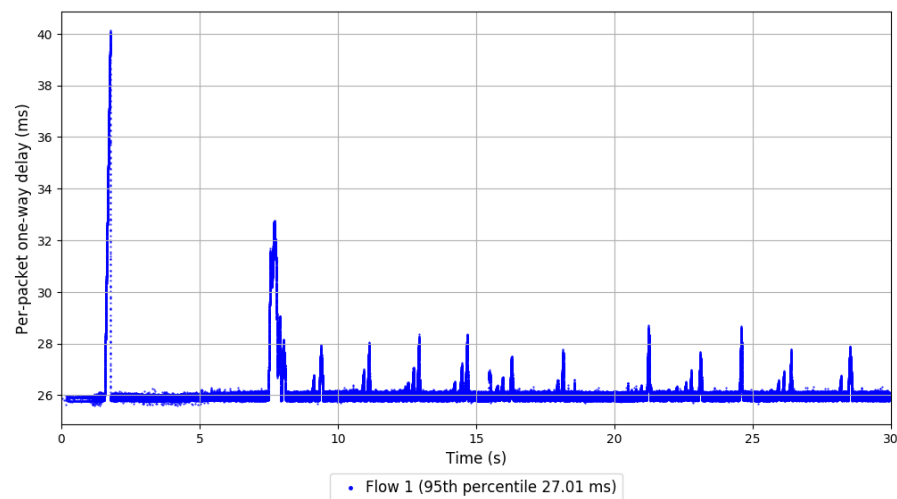
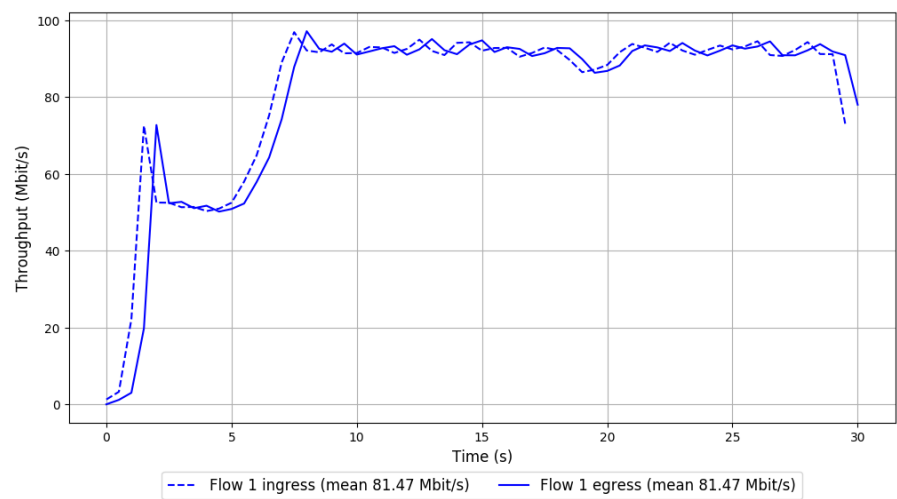


Run 2: Statistics of PCC-Vivace

Start at: 2019-07-17 18:14:23
End at: 2019-07-17 18:14:53
Local clock offset: -1.185 ms
Remote clock offset: -2.688 ms

Below is generated by plot.py at 2019-07-17 20:36:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.47 Mbit/s
95th percentile per-packet one-way delay: 27.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.47 Mbit/s
95th percentile per-packet one-way delay: 27.013 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

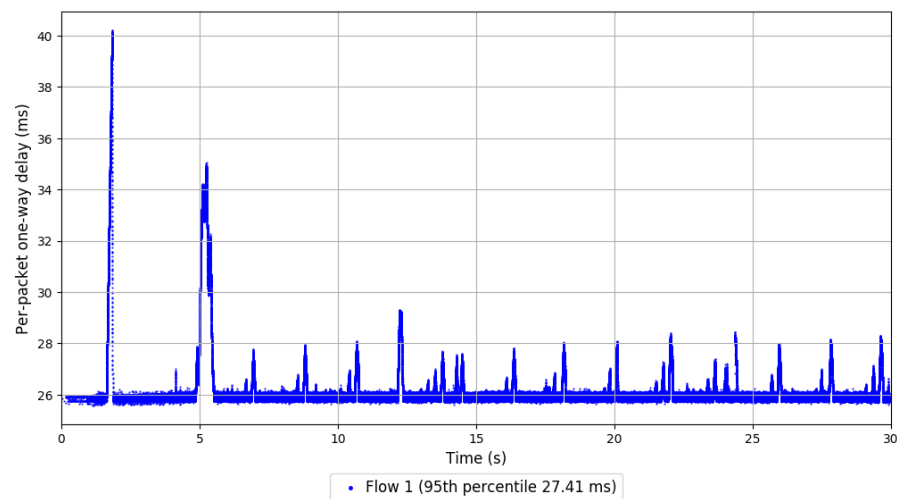
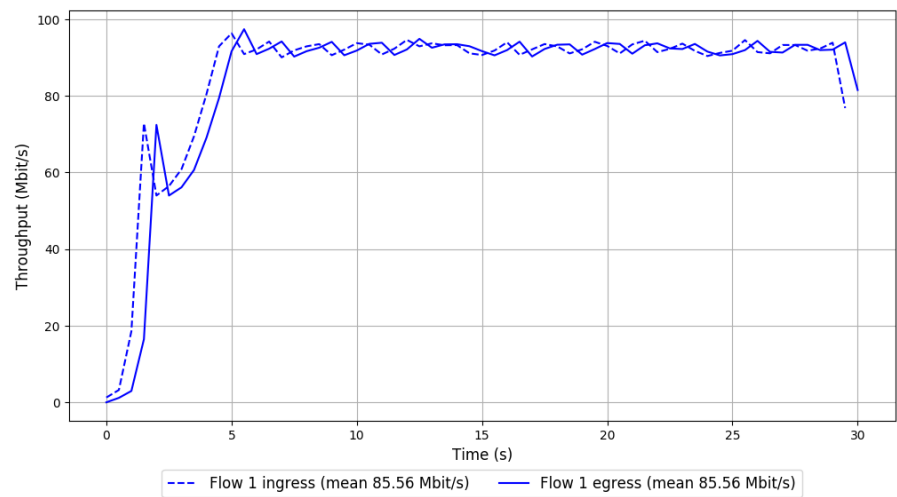


Run 3: Statistics of PCC-Vivace

Start at: 2019-07-17 18:50:40
End at: 2019-07-17 18:51:10
Local clock offset: -0.143 ms
Remote clock offset: -2.305 ms

Below is generated by plot.py at 2019-07-17 20:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 27.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 27.411 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

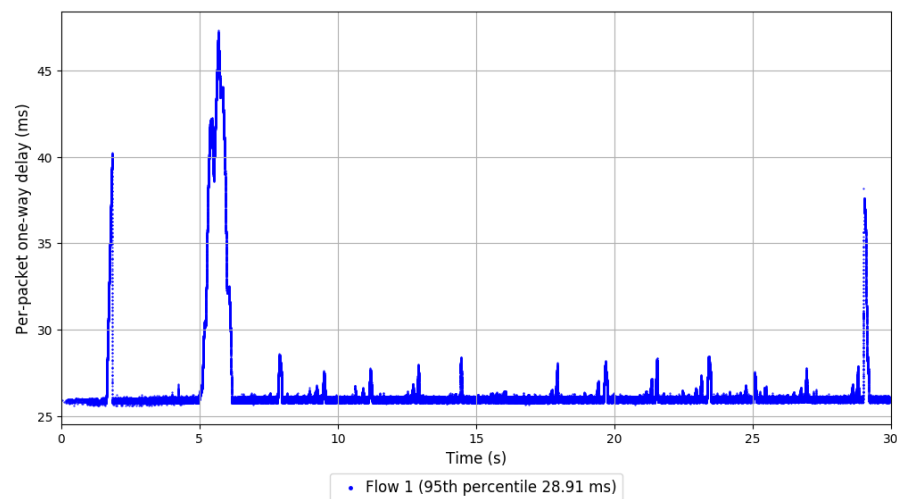
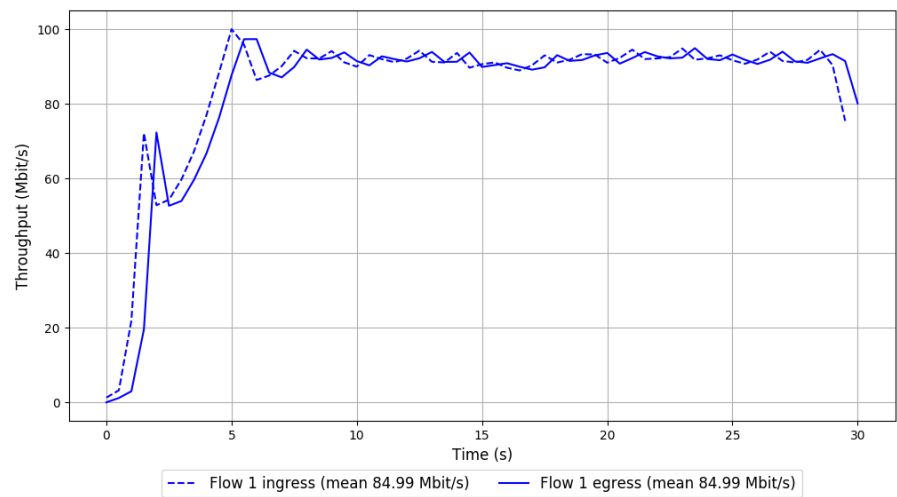


Run 4: Statistics of PCC-Vivace

Start at: 2019-07-17 19:26:23
End at: 2019-07-17 19:26:53
Local clock offset: -3.465 ms
Remote clock offset: -2.368 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.99 Mbit/s
95th percentile per-packet one-way delay: 28.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.99 Mbit/s
95th percentile per-packet one-way delay: 28.908 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

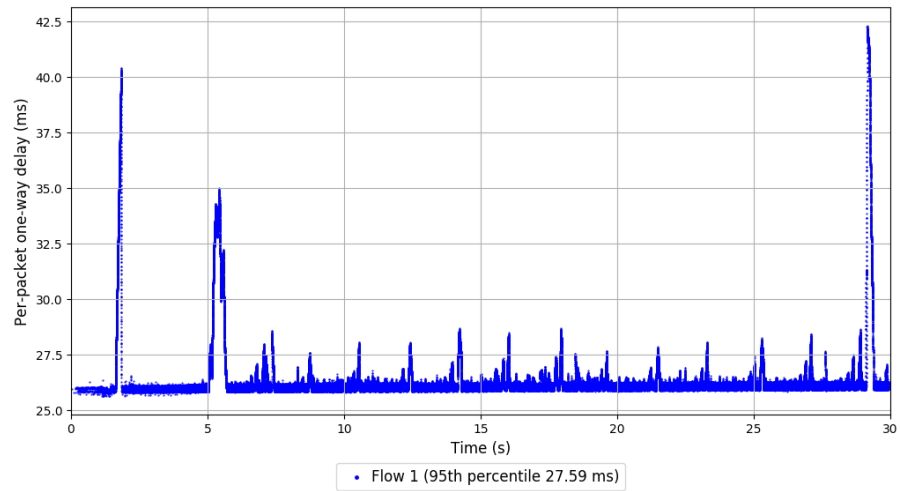
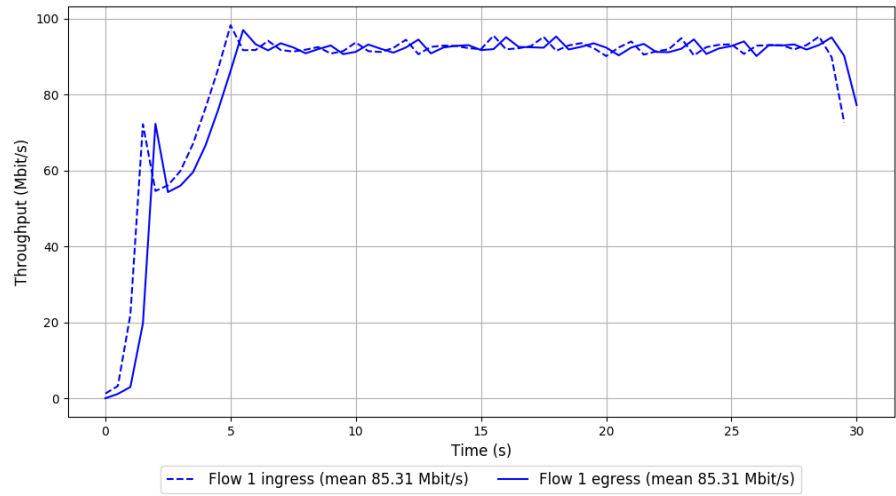


Run 5: Statistics of PCC-Vivace

Start at: 2019-07-17 20:00:26
End at: 2019-07-17 20:00:56
Local clock offset: -1.437 ms
Remote clock offset: -2.527 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 27.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 27.587 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

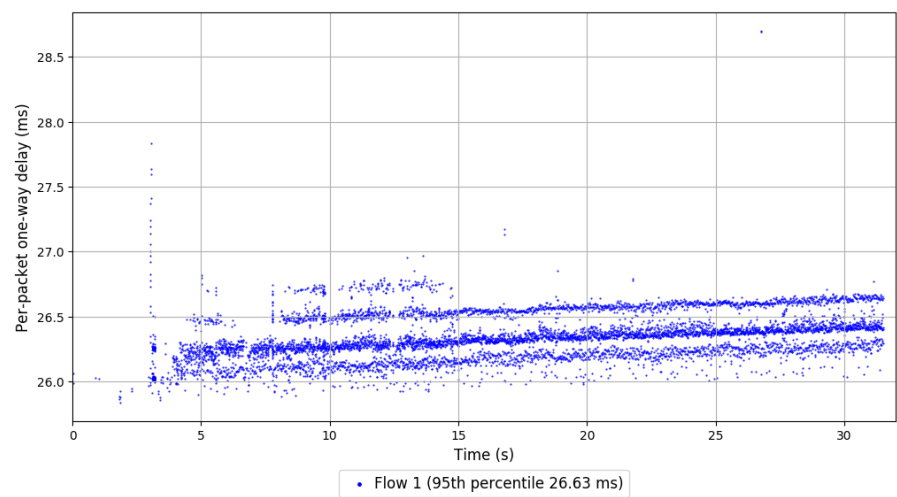
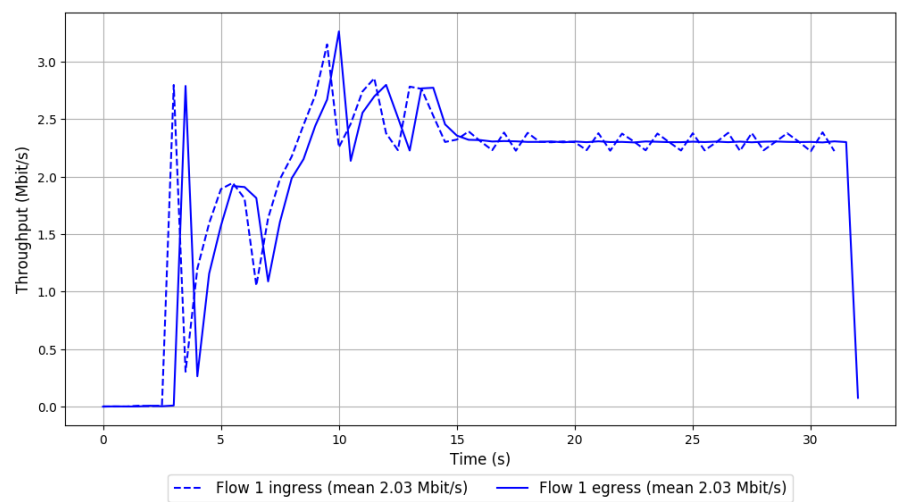


Run 1: Statistics of WebRTC media

Start at: 2019-07-17 17:28:07
End at: 2019-07-17 17:28:37
Local clock offset: -8.546 ms
Remote clock offset: -3.357 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 26.627 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 26.627 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

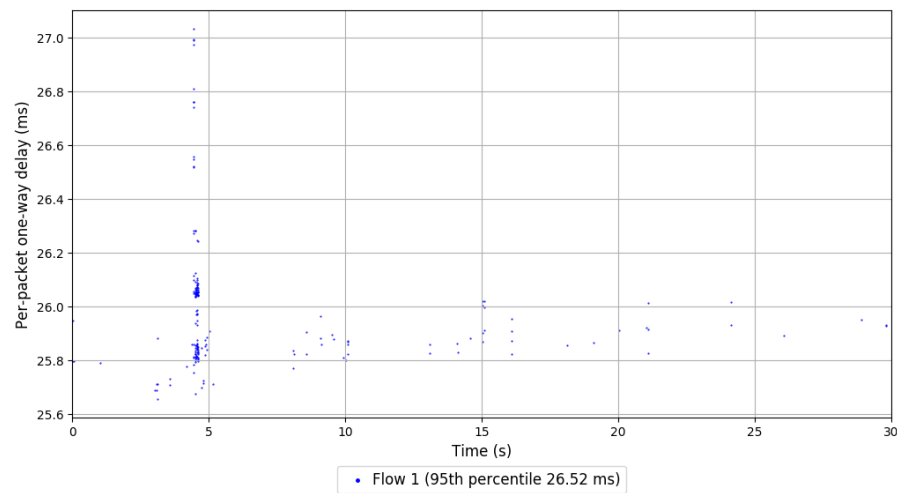
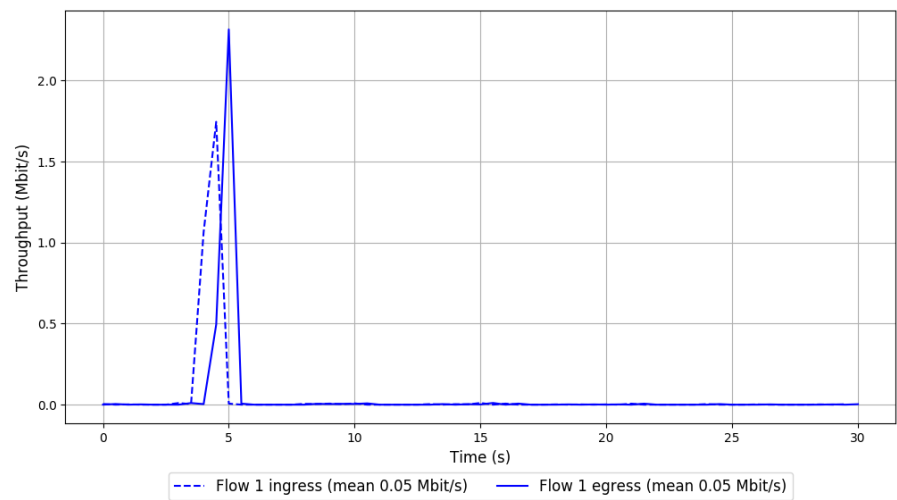


Run 2: Statistics of WebRTC media

Start at: 2019-07-17 18:03:31
End at: 2019-07-17 18:04:01
Local clock offset: -2.825 ms
Remote clock offset: -2.835 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.522 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

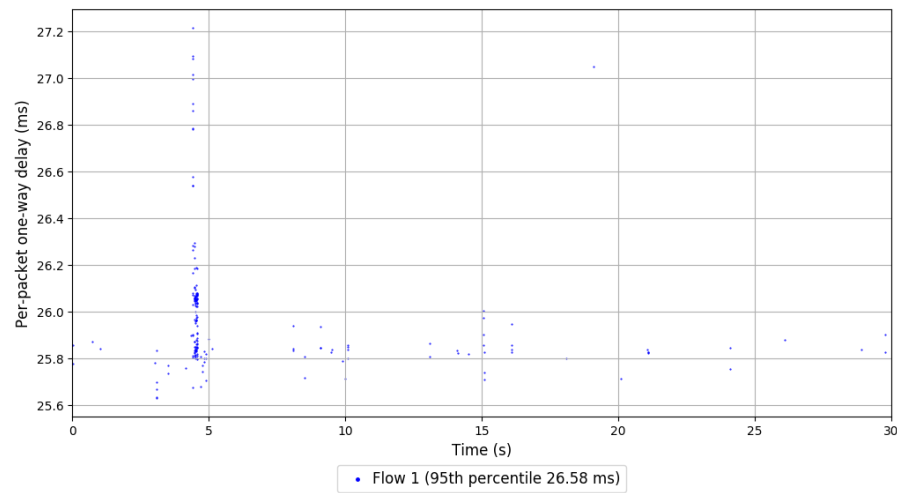
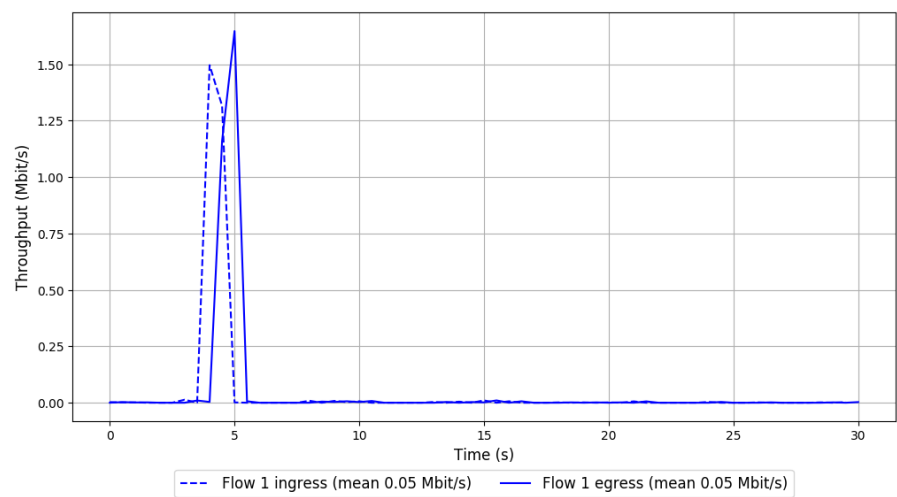


Run 3: Statistics of WebRTC media

Start at: 2019-07-17 18:41:45
End at: 2019-07-17 18:42:16
Local clock offset: -0.212 ms
Remote clock offset: -2.413 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.577 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.577 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

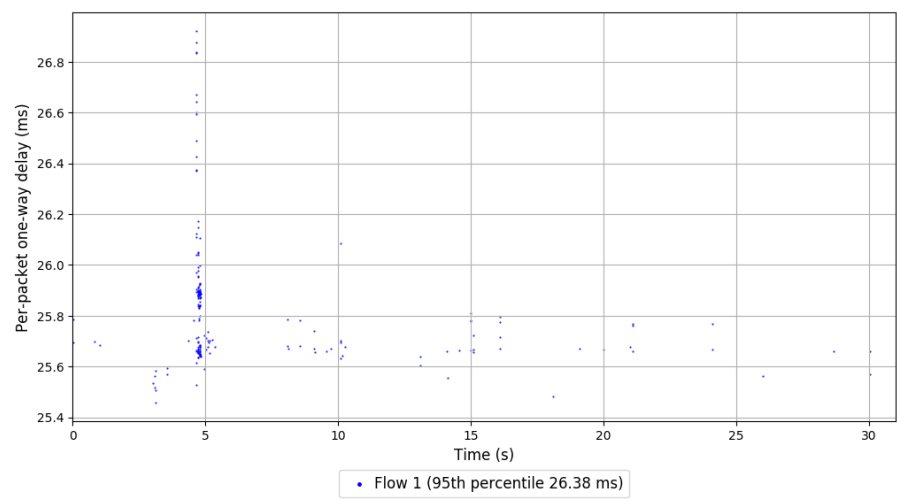
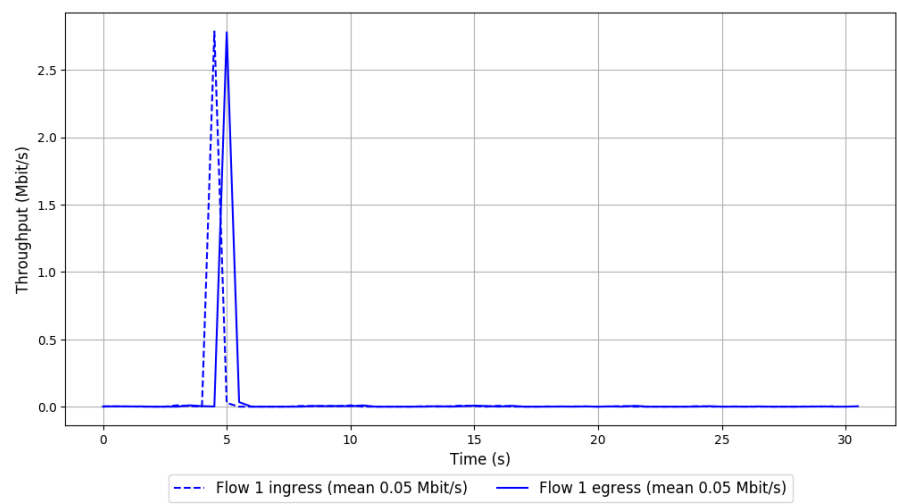


Run 4: Statistics of WebRTC media

Start at: 2019-07-17 19:17:02
End at: 2019-07-17 19:17:32
Local clock offset: -3.248 ms
Remote clock offset: -2.568 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.375 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-07-17 19:51:56
End at: 2019-07-17 19:52:26
Local clock offset: -3.135 ms
Remote clock offset: -2.338 ms

Below is generated by plot.py at 2019-07-17 20:36:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.414 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.414 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

