

Pantheon Report

Generated at 2019-01-17 08:49:21 (UTC).

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

Repeated the test of 21 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:

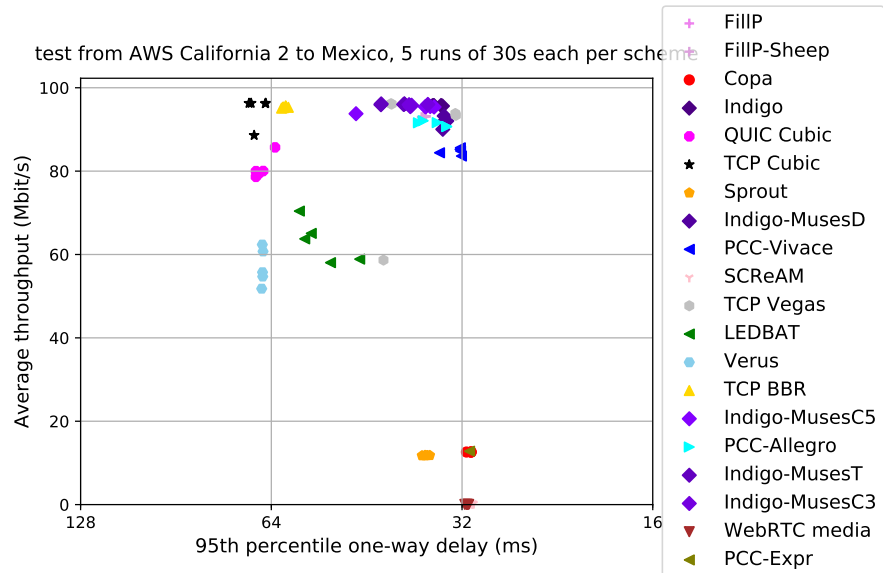
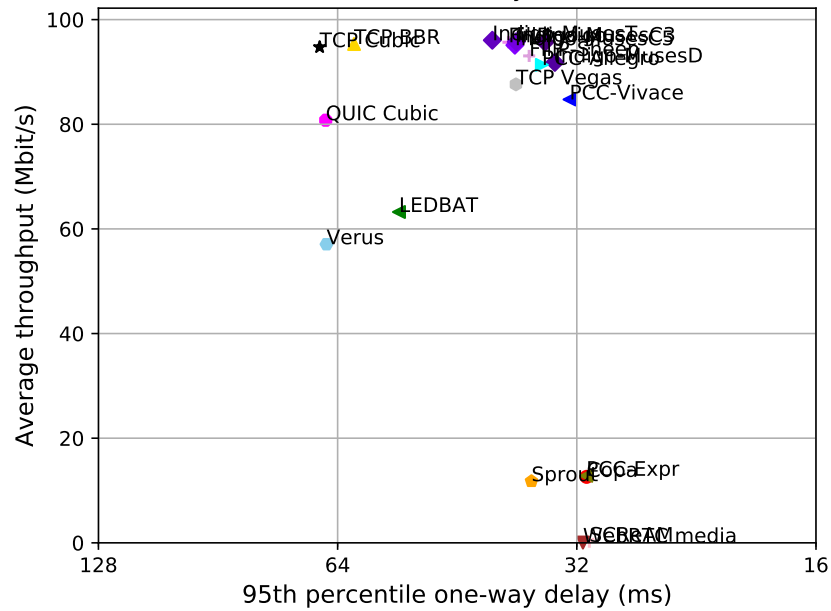
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ c80a283586bf7b0cc1fe08c69c8f60d56498f81c
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ c3eee875824760ec5b2fd207fefe166e1afe2170
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	95.34	61.02	2.17
Copa	4	12.61	31.11	70.86
TCP Cubic	5	94.74	67.42	0.53
FillP	5	95.67	39.01	0.66
FillP-Sheep	5	93.06	36.74	0.58
Indigo	5	95.69	35.09	0.01
Indigo-MusesC3	5	95.77	38.13	0.11
Indigo-MusesC5	5	95.11	38.29	0.00
Indigo-MusesD	5	91.82	34.10	0.00
Indigo-MusesT	5	96.06	40.88	0.28
LEDBAT	5	63.23	53.58	0.02
PCC-Allegro	5	91.34	35.41	0.70
PCC-Expr	1	12.81	31.14	54.33
QUIC Cubic	5	80.78	66.25	1.61
SCReAM	5	0.21	30.86	0.00
Sprout	5	11.79	36.49	0.03
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	87.62	38.17	0.44
Verus	5	57.07	66.09	22.19
PCC-Vivace	5	84.74	32.68	0.00
WebRTC media	5	0.05	31.44	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-01-17 06:55:24

End at: 2019-01-17 06:55:54

Local clock offset: -0.362 ms

Remote clock offset: -3.082 ms

Below is generated by plot.py at 2019-01-17 08:40:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 61.307 ms

Loss rate: 1.88%

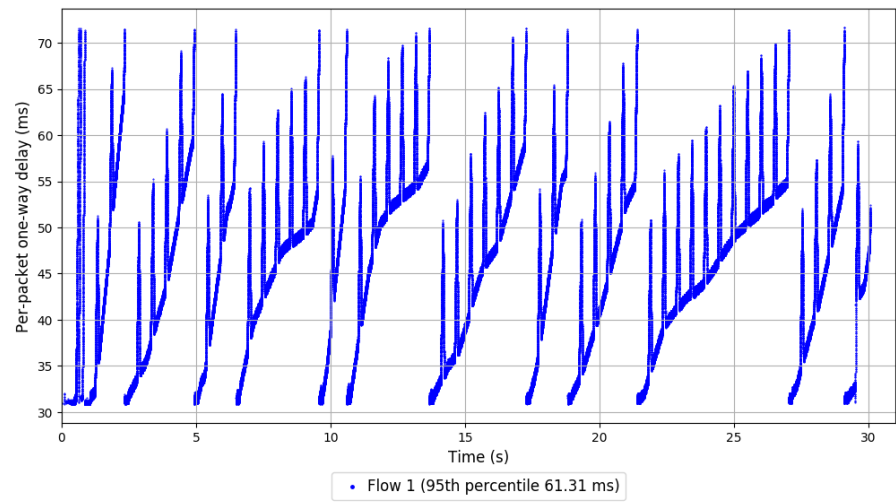
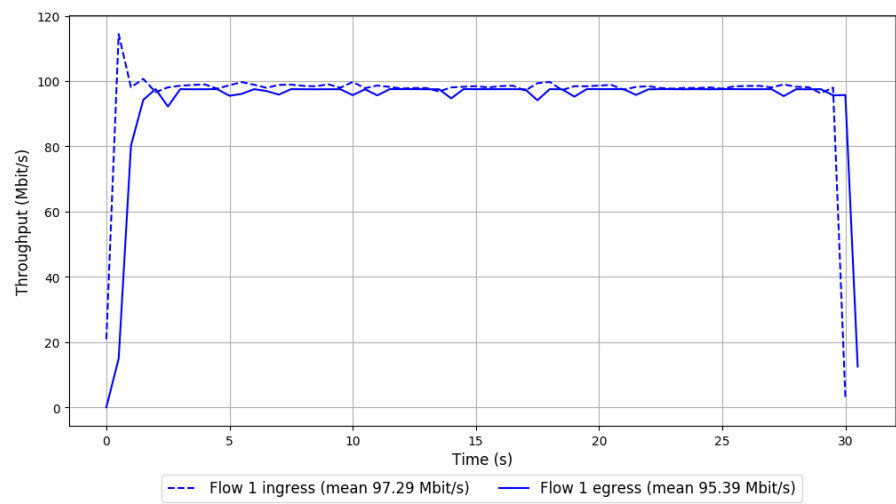
-- Flow 1:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 61.307 ms

Loss rate: 1.88%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-01-17 07:20:27

End at: 2019-01-17 07:20:57

Local clock offset: 1.628 ms

Remote clock offset: -3.111 ms

Below is generated by plot.py at 2019-01-17 08:40:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: 60.163 ms

Loss rate: 2.11%

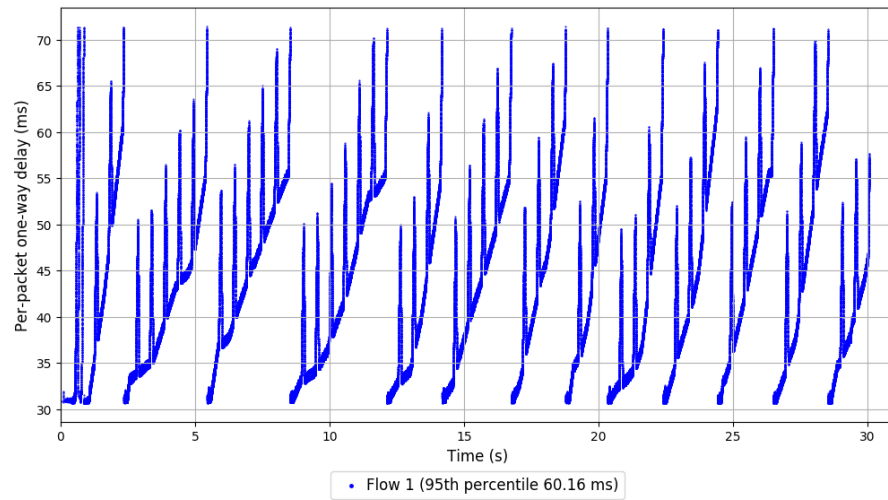
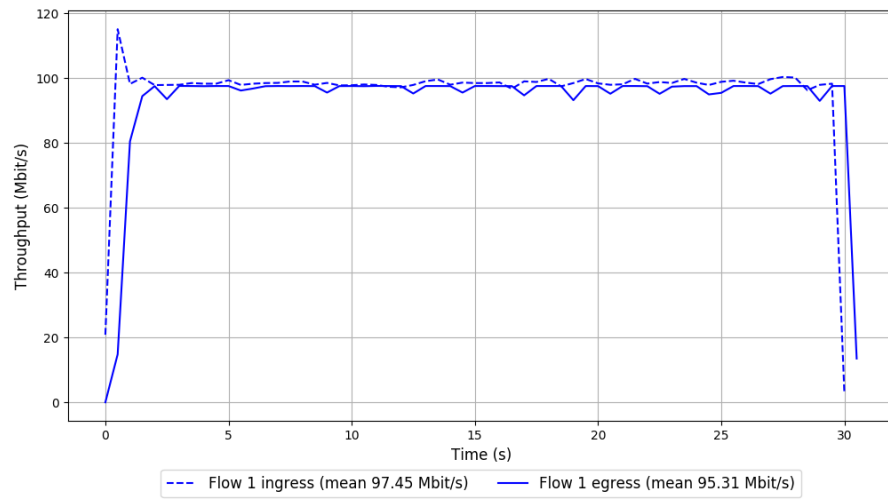
-- Flow 1:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: 60.163 ms

Loss rate: 2.11%

Run 2: Report of TCP BBR — Data Link

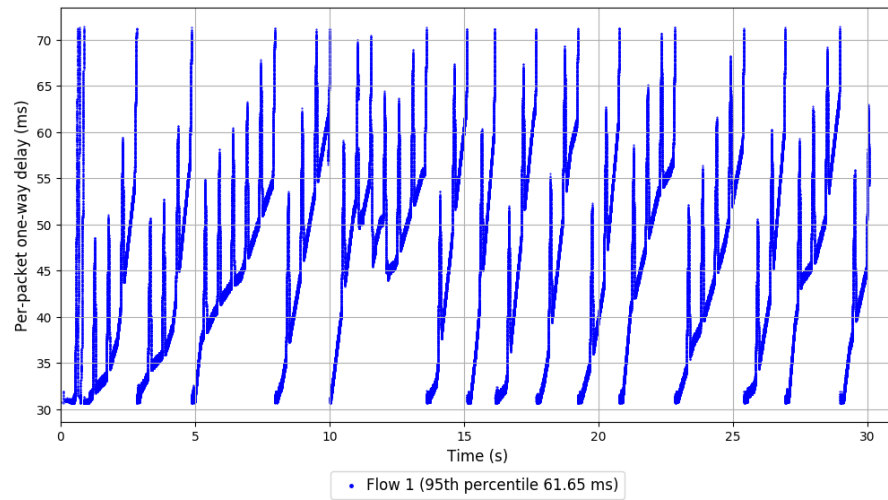
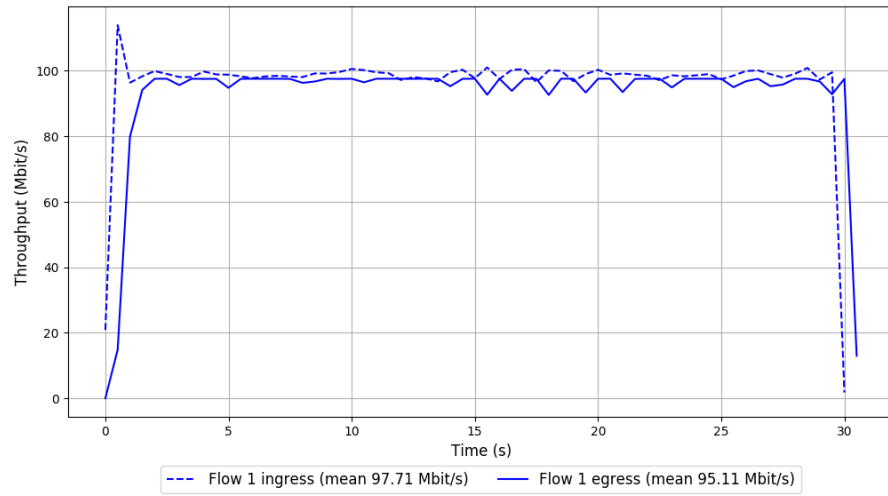


Run 3: Statistics of TCP BBR

Start at: 2019-01-17 07:45:41
End at: 2019-01-17 07:46:12
Local clock offset: 1.542 ms
Remote clock offset: -3.053 ms

Below is generated by plot.py at 2019-01-17 08:40:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 61.649 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 61.649 ms
Loss rate: 2.58%

Run 3: Report of TCP BBR — Data Link

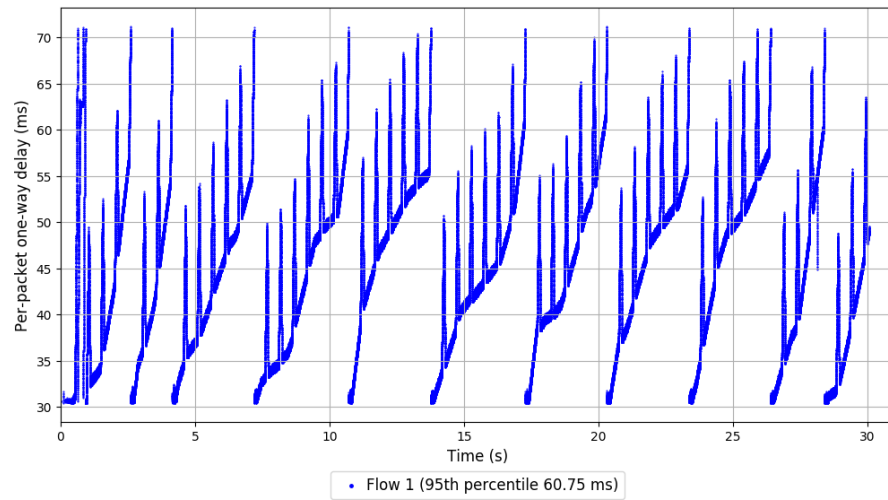
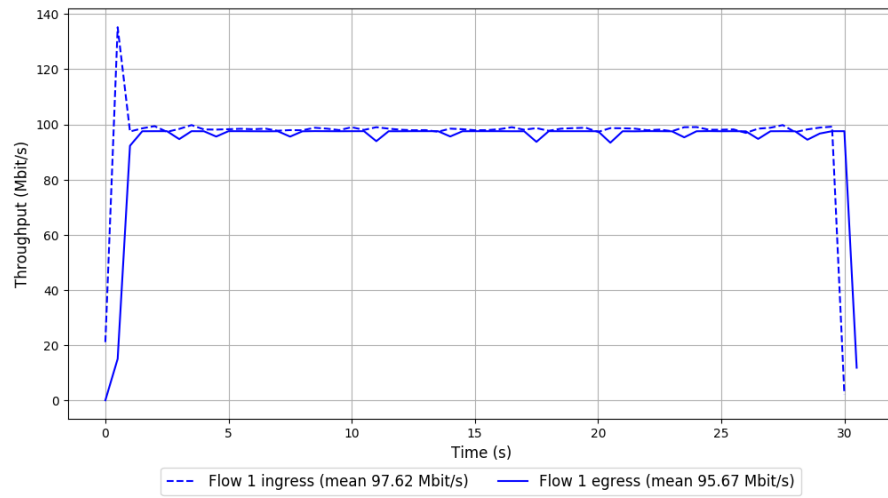


Run 4: Statistics of TCP BBR

Start at: 2019-01-17 08:11:21
End at: 2019-01-17 08:11:51
Local clock offset: 0.614 ms
Remote clock offset: -3.277 ms

Below is generated by plot.py at 2019-01-17 08:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 60.750 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 60.750 ms
Loss rate: 1.93%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-01-17 08:36:42

End at: 2019-01-17 08:37:12

Local clock offset: 0.307 ms

Remote clock offset: -3.25 ms

Below is generated by plot.py at 2019-01-17 08:40:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.22 Mbit/s

95th percentile per-packet one-way delay: 61.232 ms

Loss rate: 2.33%

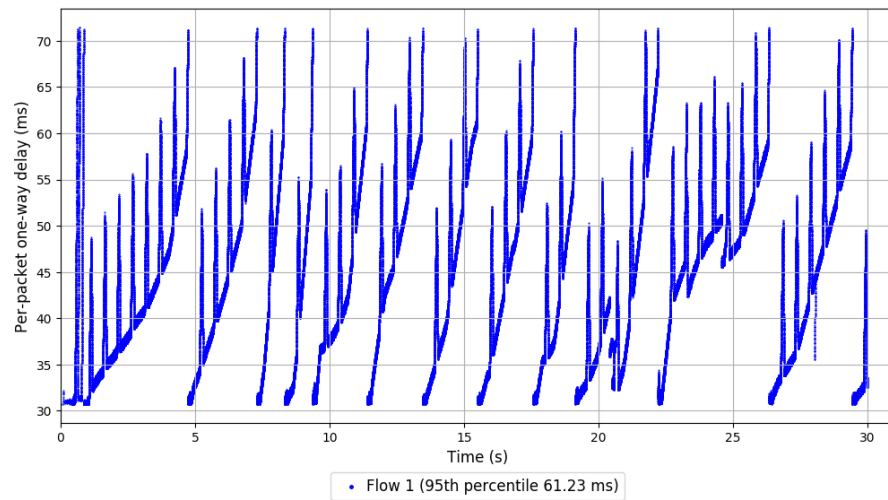
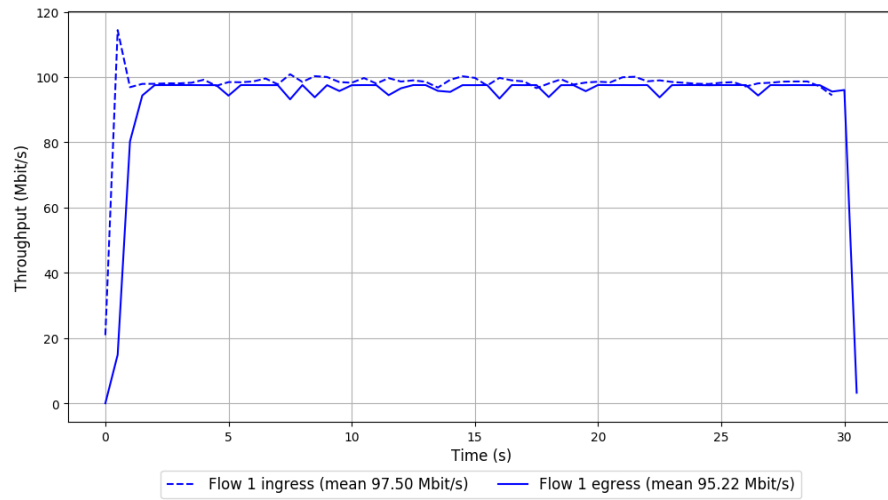
-- Flow 1:

Average throughput: 95.22 Mbit/s

95th percentile per-packet one-way delay: 61.232 ms

Loss rate: 2.33%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

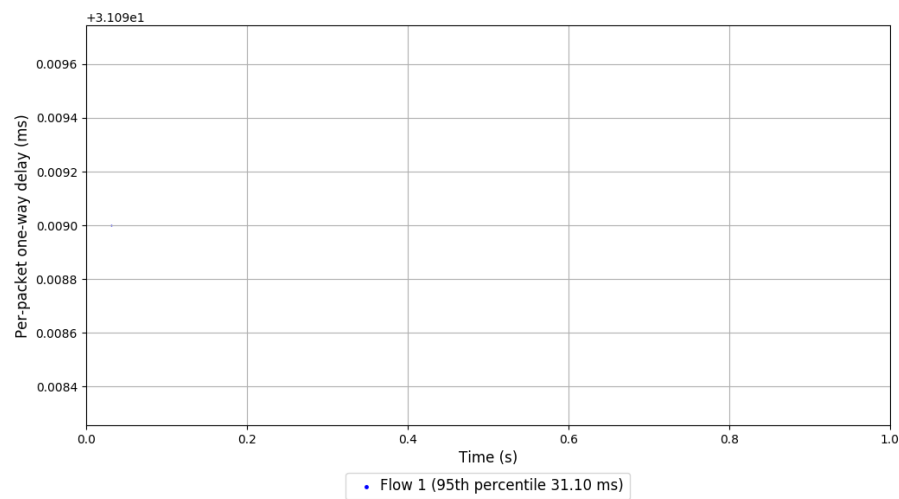
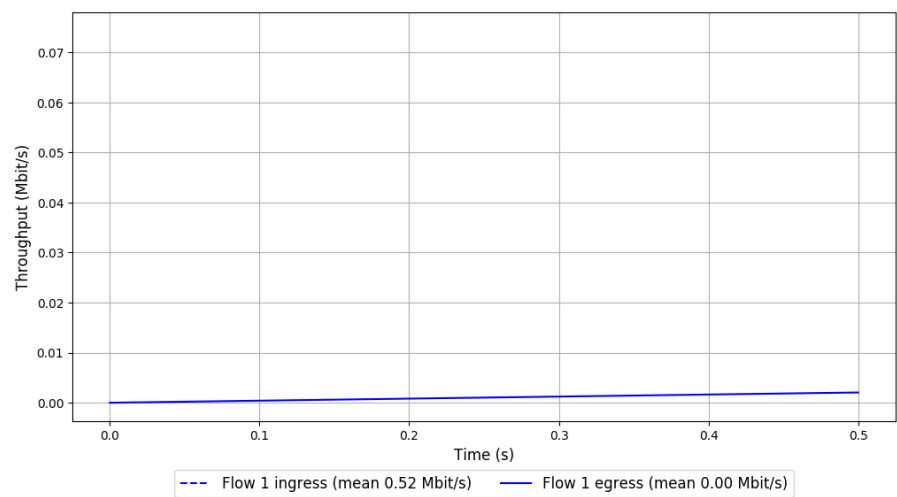
Start at: 2019-01-17 06:32:16

End at: 2019-01-17 06:32:46

Local clock offset: -3.175 ms

Remote clock offset: -2.814 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-01-17 06:57:43

End at: 2019-01-17 06:58:13

Local clock offset: 0.001 ms

Remote clock offset: -3.16 ms

Below is generated by plot.py at 2019-01-17 08:40:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 31.493 ms

Loss rate: 71.23%

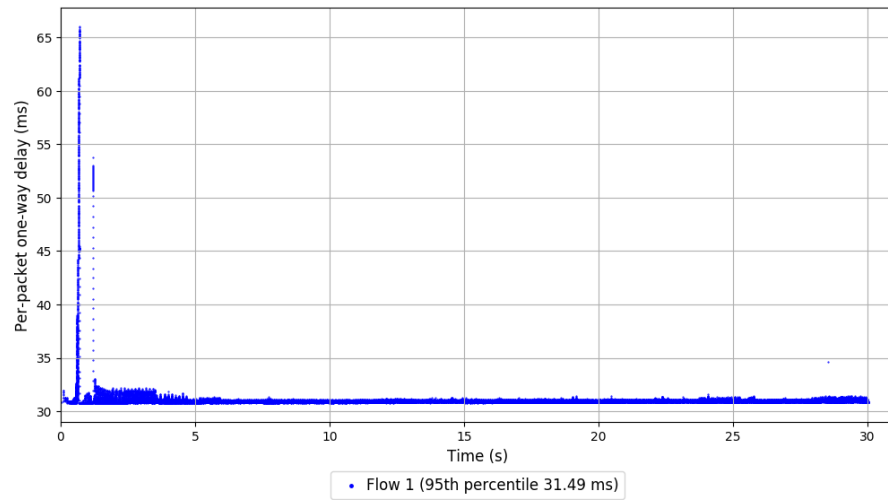
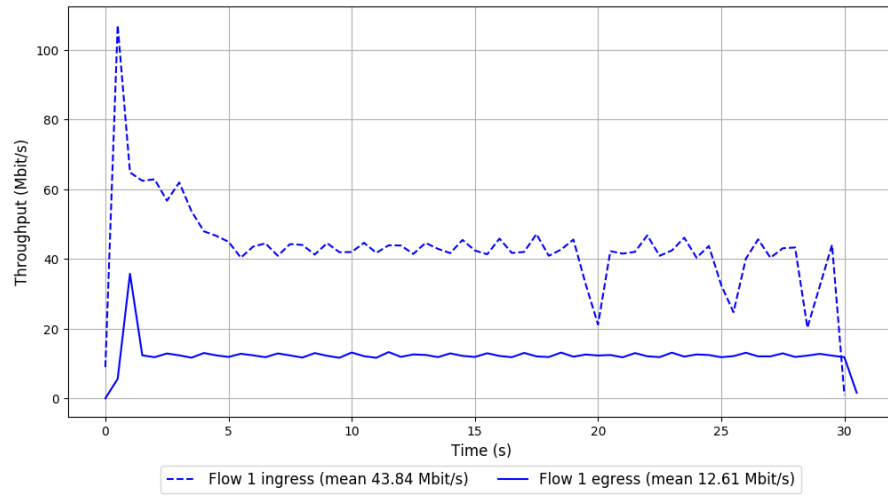
-- Flow 1:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 31.493 ms

Loss rate: 71.23%

Run 2: Report of Copa — Data Link

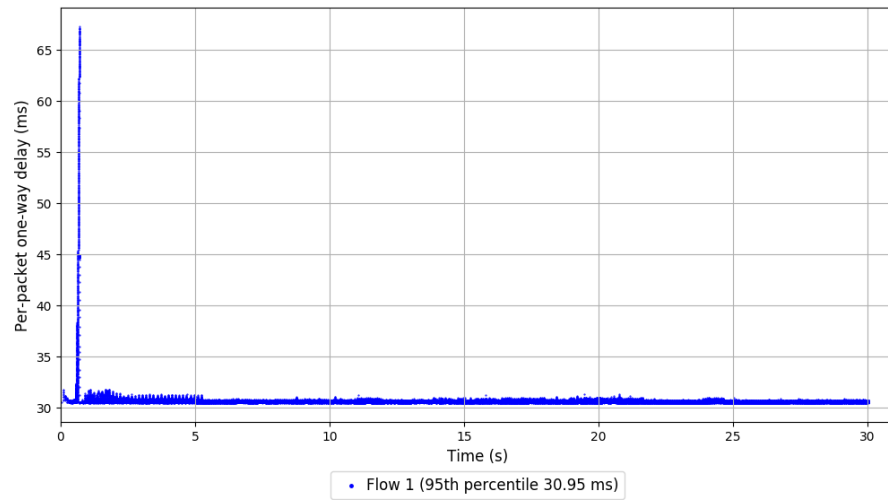
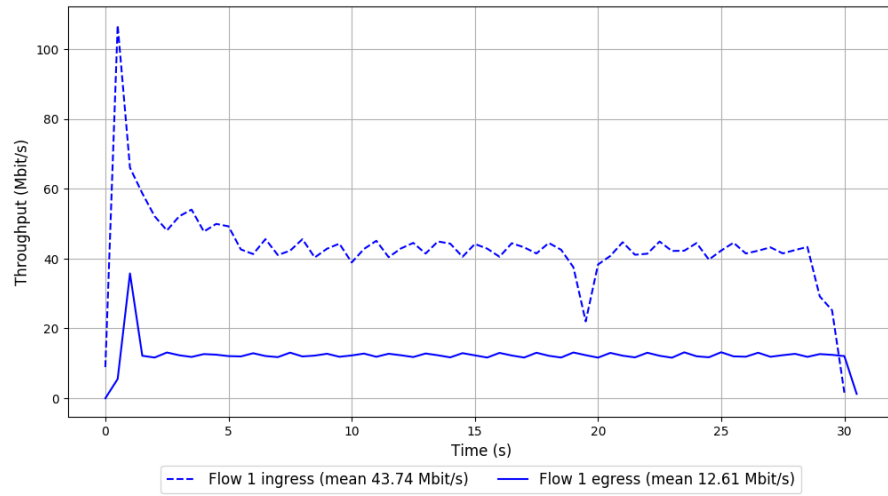


Run 3: Statistics of Copa

Start at: 2019-01-17 07:22:52
End at: 2019-01-17 07:23:22
Local clock offset: 1.423 ms
Remote clock offset: -3.288 ms

Below is generated by plot.py at 2019-01-17 08:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.947 ms
Loss rate: 71.17%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.947 ms
Loss rate: 71.17%

Run 3: Report of Copa — Data Link

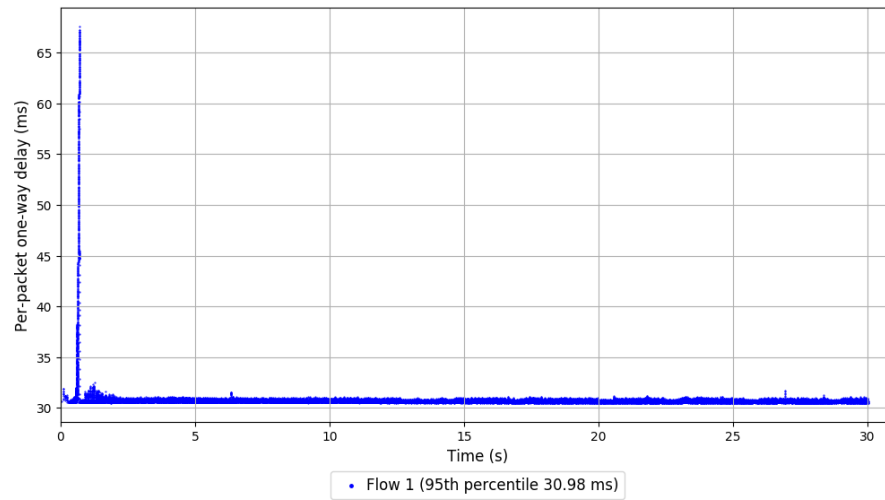
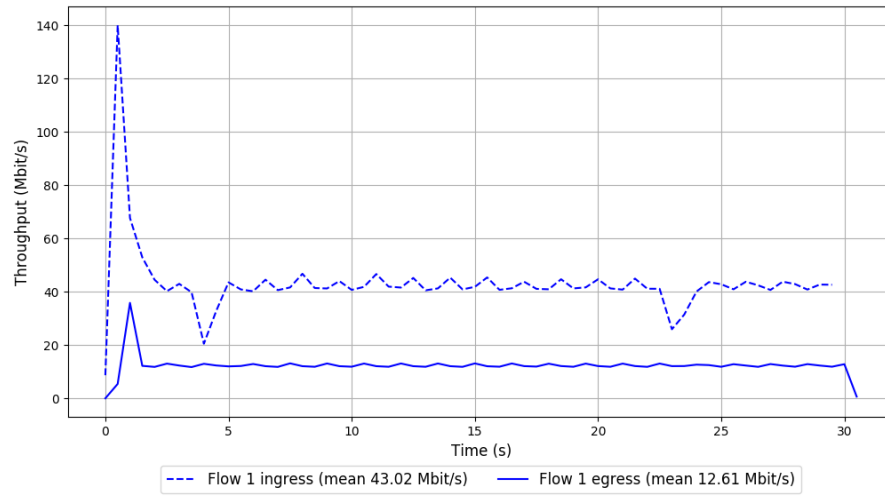


Run 4: Statistics of Copa

Start at: 2019-01-17 07:48:08
End at: 2019-01-17 07:48:38
Local clock offset: 1.507 ms
Remote clock offset: -3.076 ms

Below is generated by plot.py at 2019-01-17 08:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.985 ms
Loss rate: 70.69%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.985 ms
Loss rate: 70.69%

Run 4: Report of Copa — Data Link

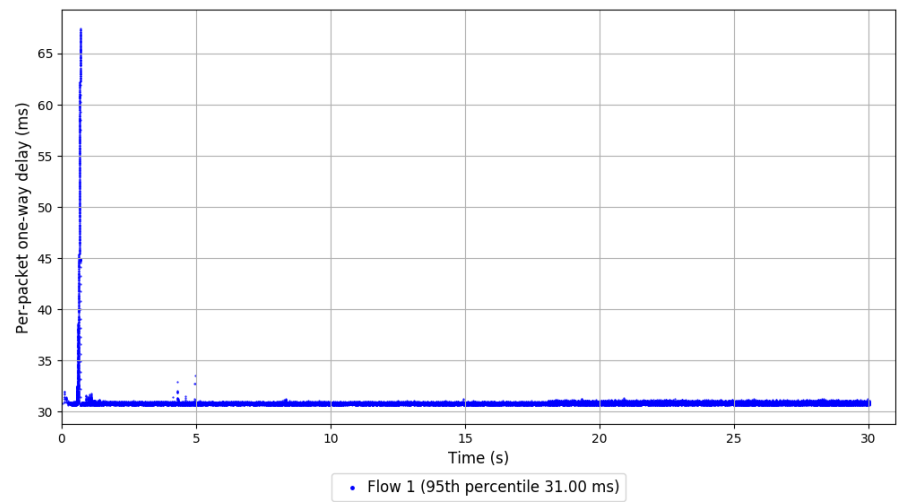
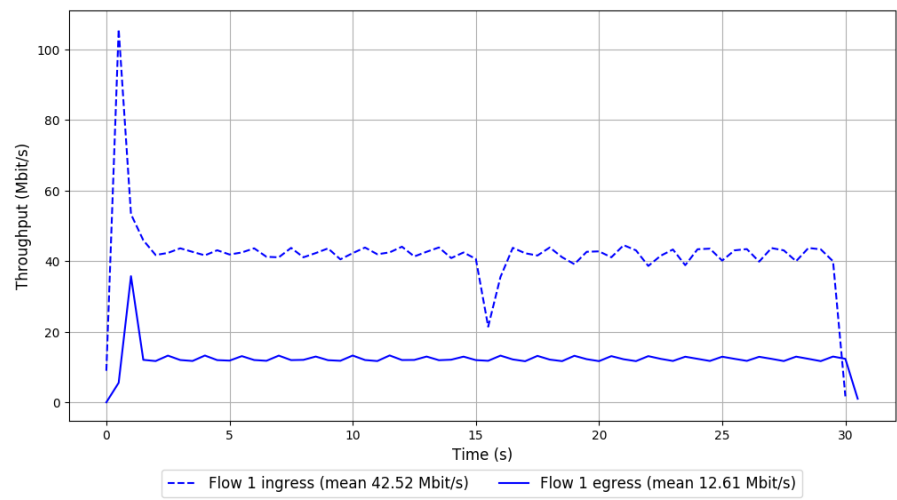


Run 5: Statistics of Copa

Start at: 2019-01-17 08:13:46
End at: 2019-01-17 08:14:16
Local clock offset: 0.524 ms
Remote clock offset: -3.227 ms

Below is generated by plot.py at 2019-01-17 08:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.996 ms
Loss rate: 70.34%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.996 ms
Loss rate: 70.34%

Run 5: Report of Copa — Data Link

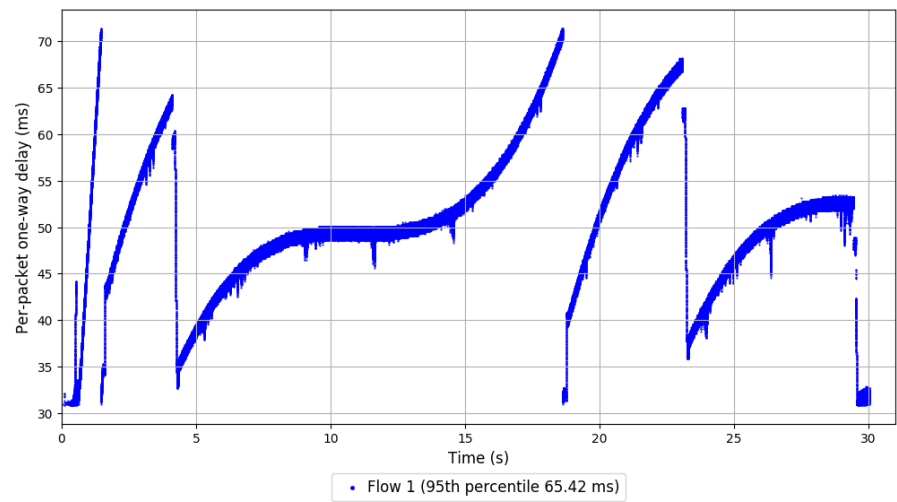
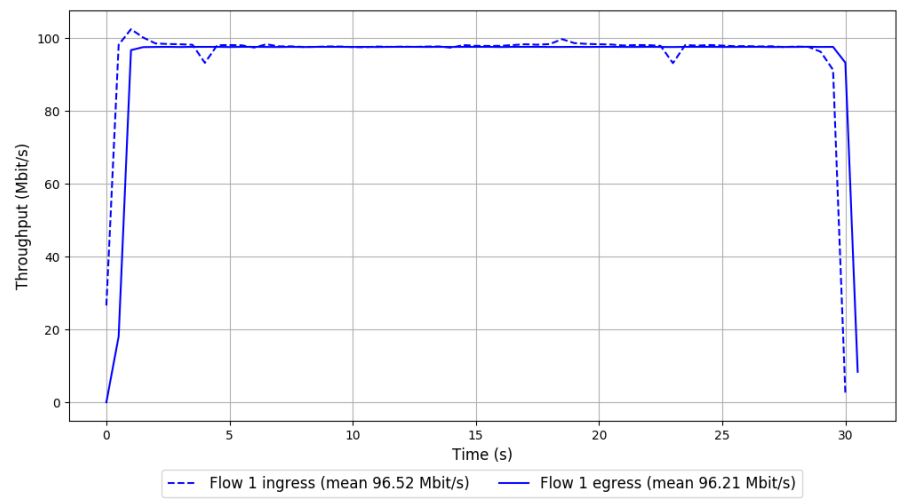


Run 1: Statistics of TCP Cubic

Start at: 2019-01-17 06:40:49
End at: 2019-01-17 06:41:19
Local clock offset: -2.638 ms
Remote clock offset: -3.051 ms

Below is generated by plot.py at 2019-01-17 08:40:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 65.421 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 65.421 ms
Loss rate: 0.32%

Run 1: Report of TCP Cubic — Data Link

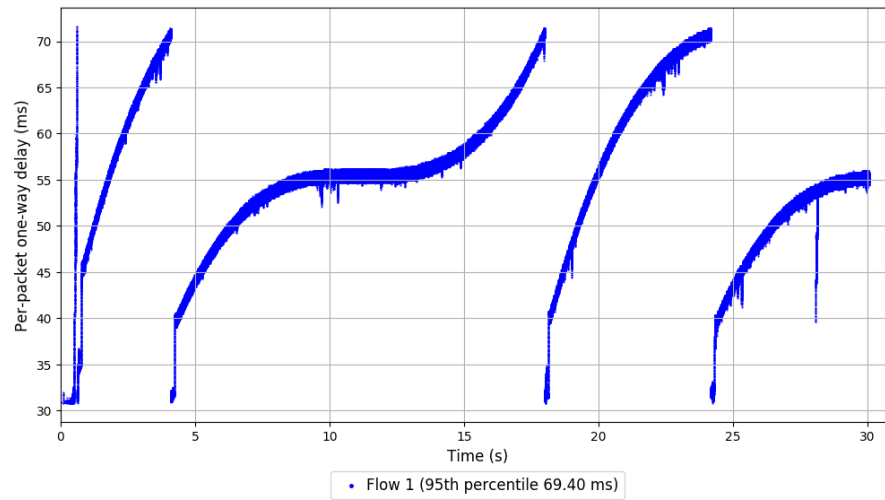
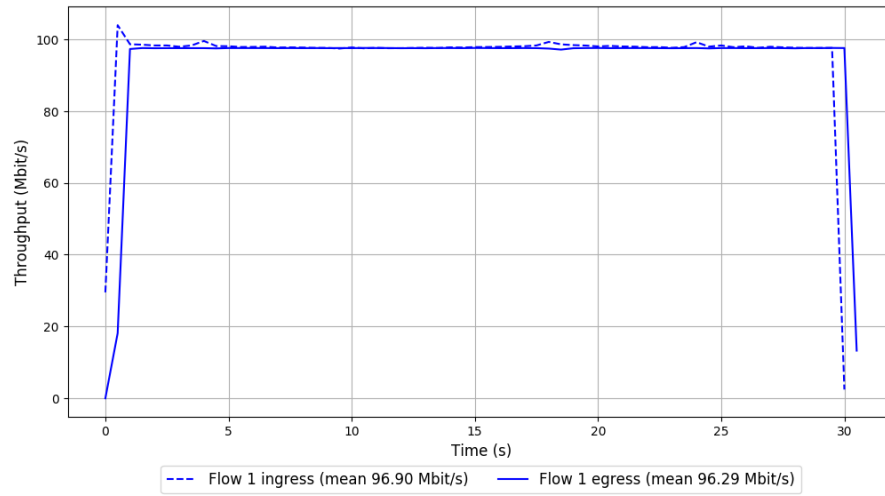


Run 2: Statistics of TCP Cubic

Start at: 2019-01-17 07:06:01
End at: 2019-01-17 07:06:31
Local clock offset: 0.988 ms
Remote clock offset: -3.141 ms

Below is generated by plot.py at 2019-01-17 08:40:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 69.401 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 69.401 ms
Loss rate: 0.55%

Run 2: Report of TCP Cubic — Data Link

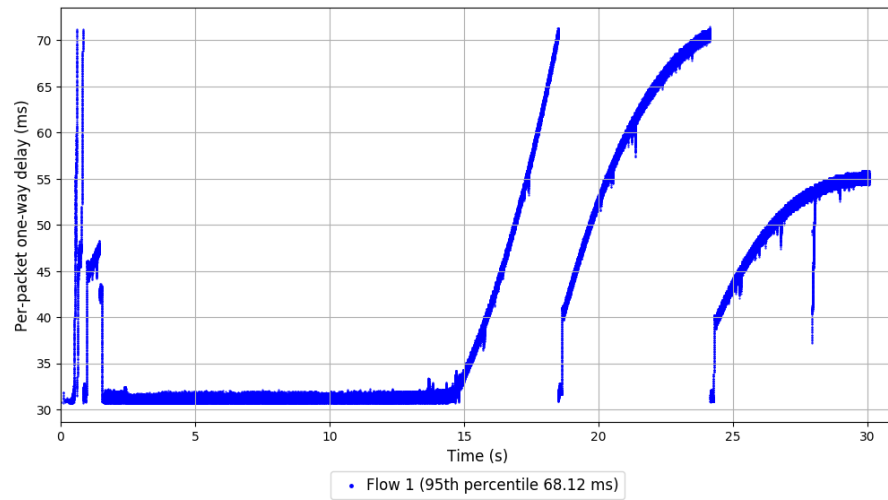
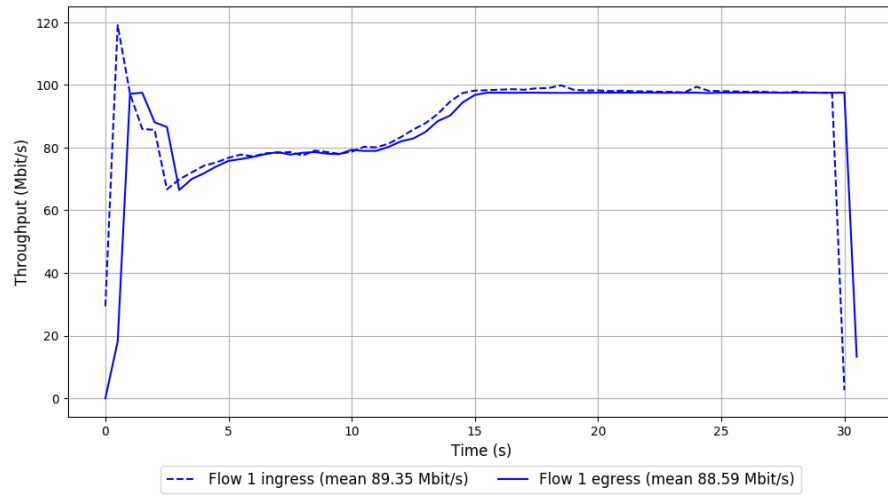


Run 3: Statistics of TCP Cubic

Start at: 2019-01-17 07:31:17
End at: 2019-01-17 07:31:47
Local clock offset: 1.213 ms
Remote clock offset: -3.081 ms

Below is generated by plot.py at 2019-01-17 08:40:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 68.120 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 68.120 ms
Loss rate: 0.77%

Run 3: Report of TCP Cubic — Data Link

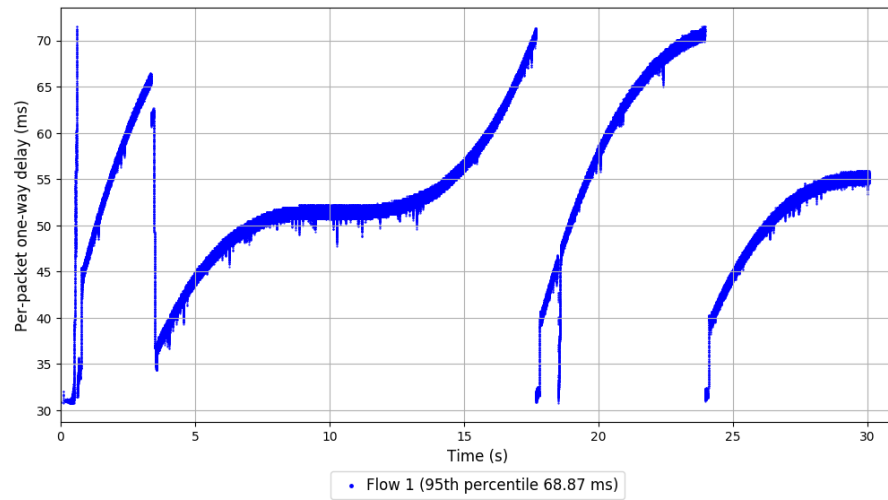
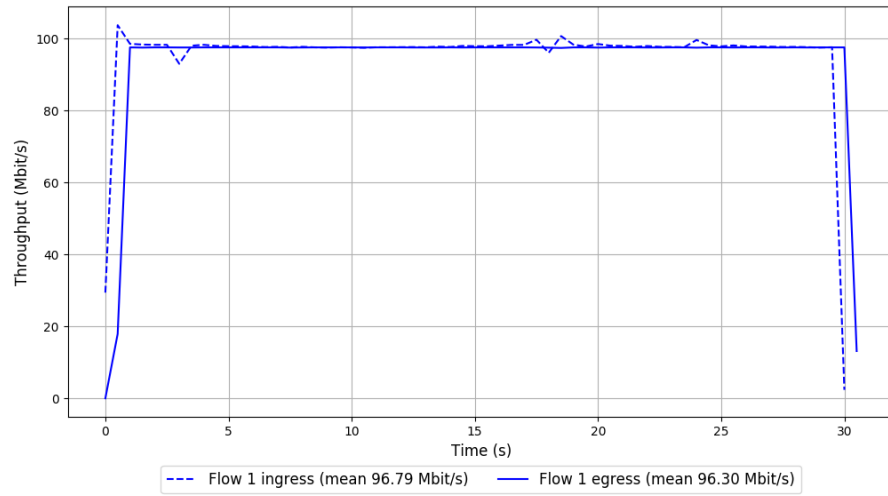


Run 4: Statistics of TCP Cubic

Start at: 2019-01-17 07:56:57
End at: 2019-01-17 07:57:27
Local clock offset: 0.708 ms
Remote clock offset: -2.991 ms

Below is generated by plot.py at 2019-01-17 08:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 68.871 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 68.871 ms
Loss rate: 0.43%

Run 4: Report of TCP Cubic — Data Link

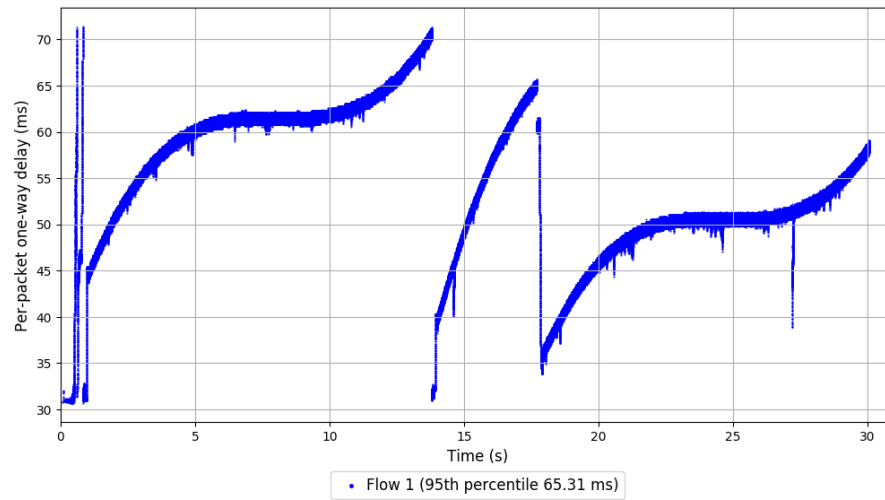
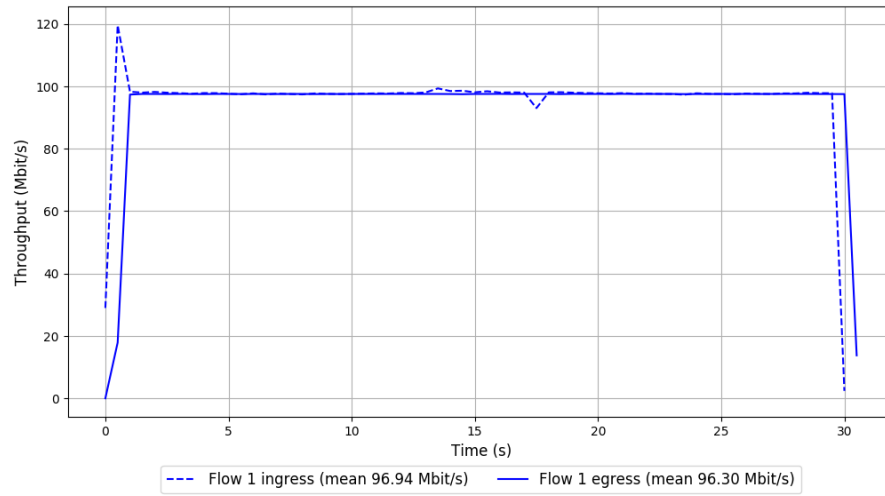


Run 5: Statistics of TCP Cubic

Start at: 2019-01-17 08:22:33
End at: 2019-01-17 08:23:03
Local clock offset: 0.494 ms
Remote clock offset: -3.154 ms

Below is generated by plot.py at 2019-01-17 08:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 65.311 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 65.311 ms
Loss rate: 0.57%

Run 5: Report of TCP Cubic — Data Link

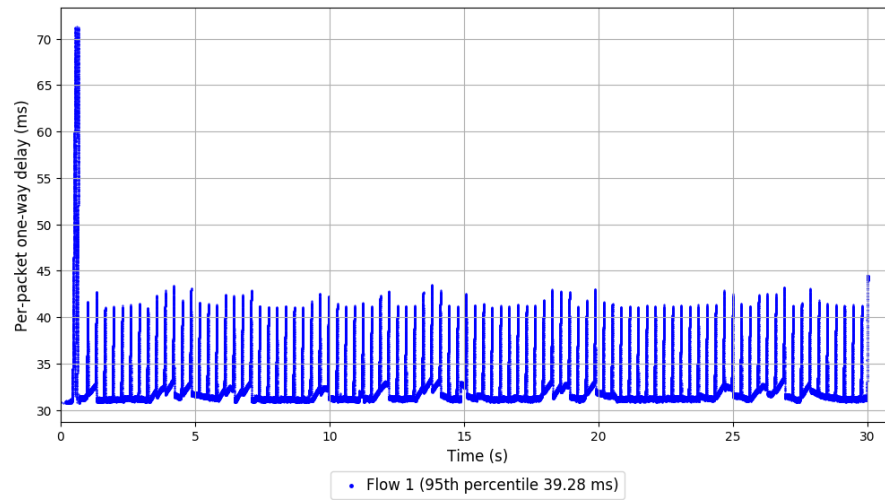
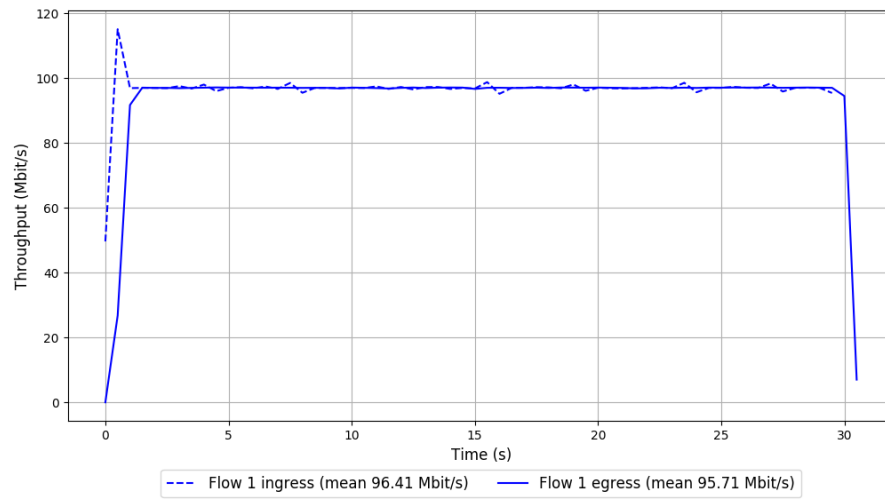


Run 1: Statistics of FillP

Start at: 2019-01-17 06:46:06
End at: 2019-01-17 06:46:36
Local clock offset: -2.487 ms
Remote clock offset: -2.999 ms

Below is generated by plot.py at 2019-01-17 08:41:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 39.276 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 39.276 ms
Loss rate: 0.69%

Run 1: Report of FillP — Data Link

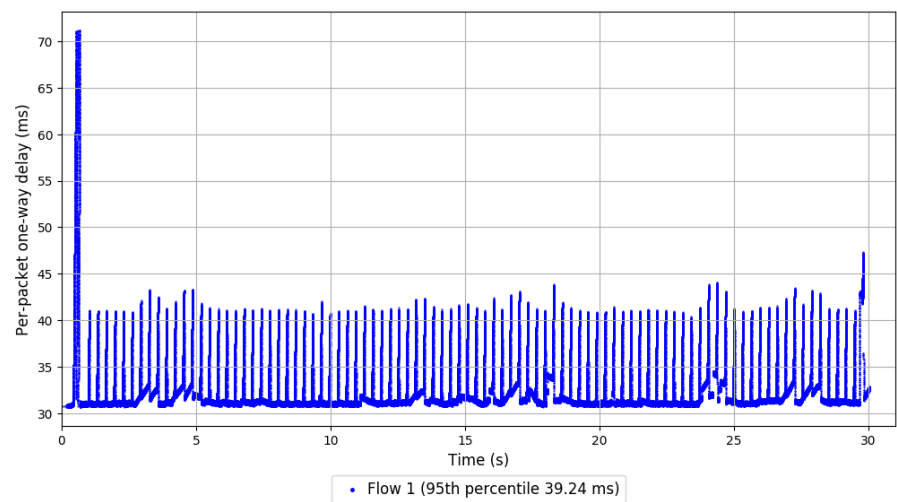
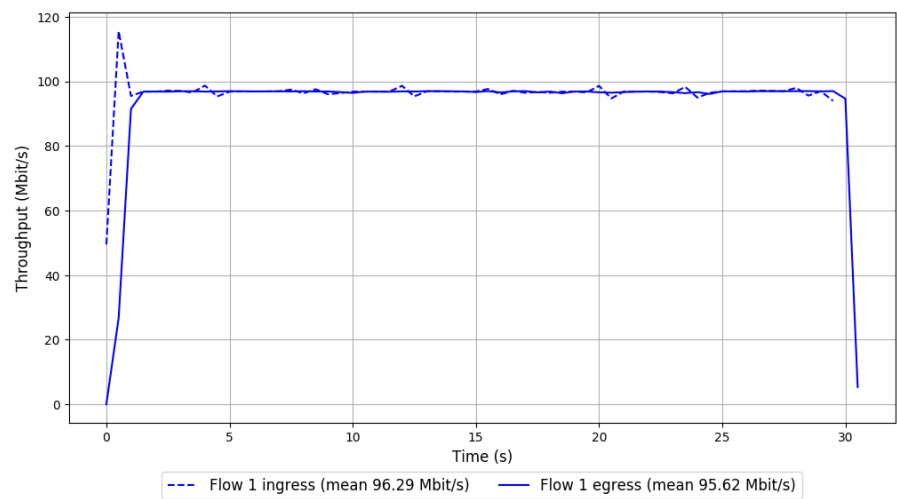


Run 2: Statistics of FillP

Start at: 2019-01-17 07:11:11
End at: 2019-01-17 07:11:41
Local clock offset: 1.44 ms
Remote clock offset: -3.086 ms

Below is generated by plot.py at 2019-01-17 08:41:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 39.236 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 39.236 ms
Loss rate: 0.69%

Run 2: Report of FillP — Data Link

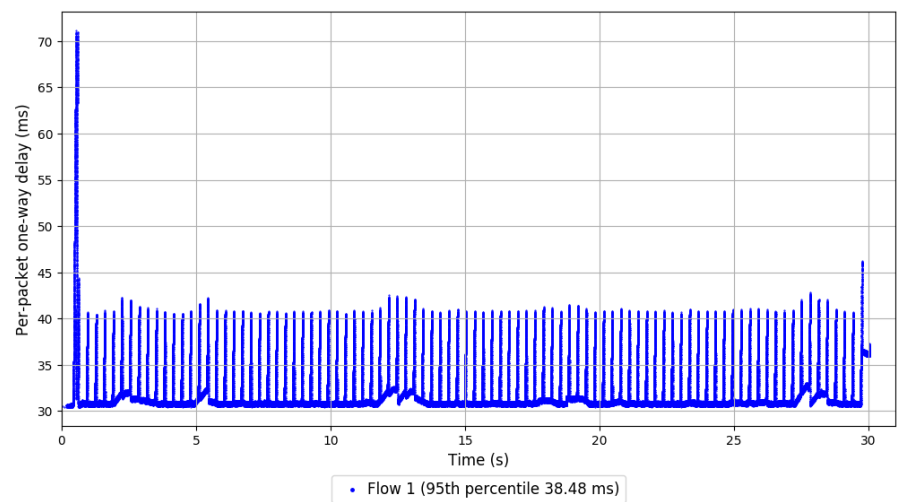
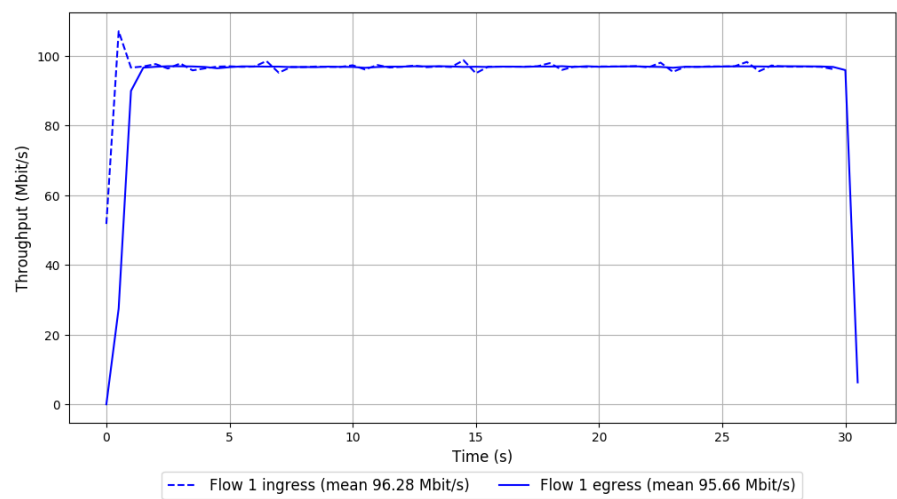


Run 3: Statistics of FillP

Start at: 2019-01-17 07:36:23
End at: 2019-01-17 07:36:53
Local clock offset: 1.346 ms
Remote clock offset: -3.044 ms

Below is generated by plot.py at 2019-01-17 08:41:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 38.476 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 38.476 ms
Loss rate: 0.61%

Run 3: Report of FillP — Data Link

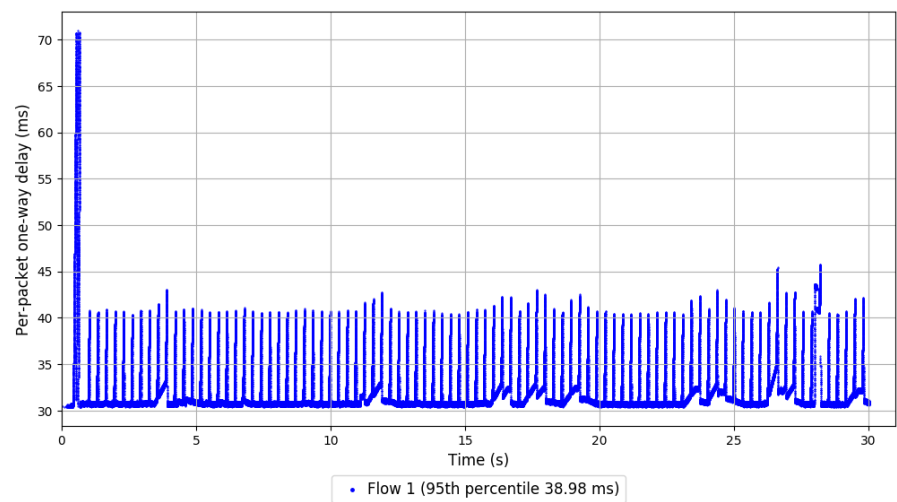
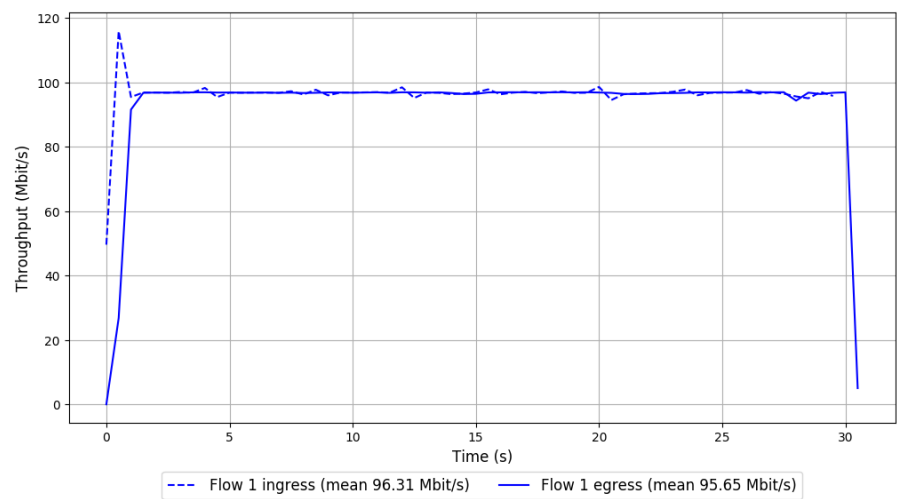


Run 4: Statistics of FillP

Start at: 2019-01-17 08:01:57
End at: 2019-01-17 08:02:27
Local clock offset: 0.661 ms
Remote clock offset: -3.209 ms

Below is generated by plot.py at 2019-01-17 08:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 38.980 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 38.980 ms
Loss rate: 0.69%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-01-17 08:27:31

End at: 2019-01-17 08:28:01

Local clock offset: 0.454 ms

Remote clock offset: -3.19 ms

Below is generated by plot.py at 2019-01-17 08:41:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 39.080 ms

Loss rate: 0.62%

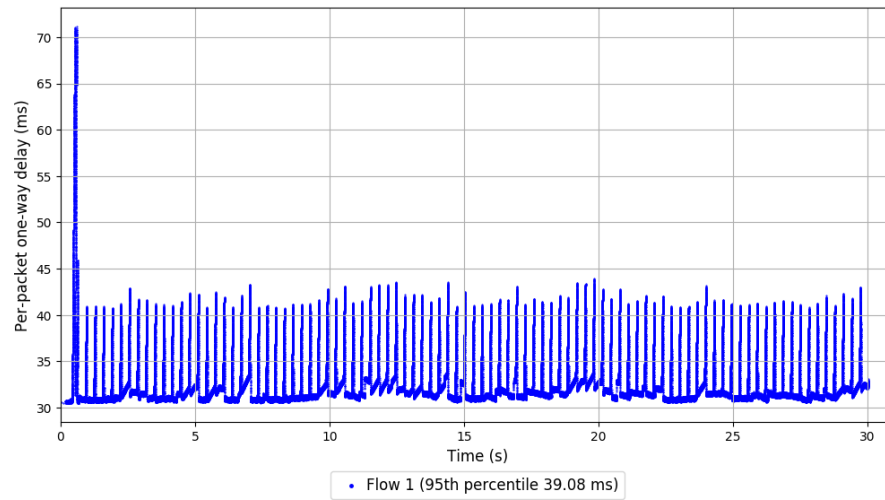
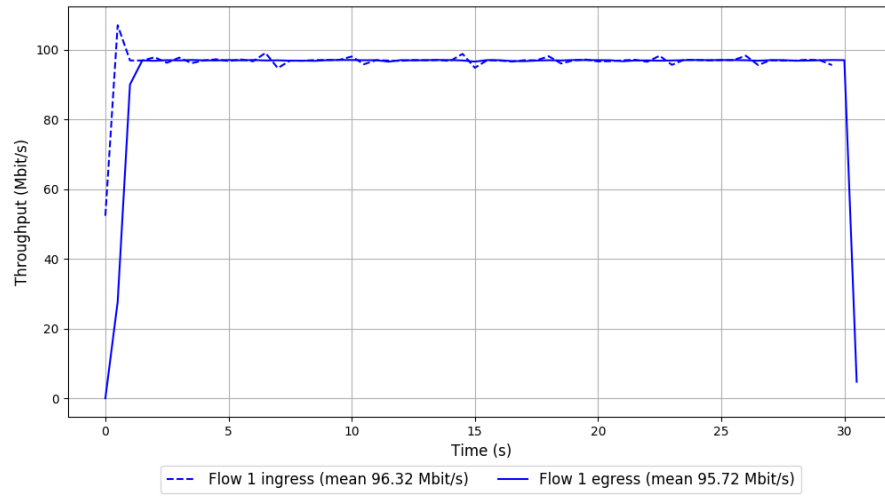
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 39.080 ms

Loss rate: 0.62%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-01-17 06:30:56

End at: 2019-01-17 06:31:26

Local clock offset: -3.3 ms

Remote clock offset: -2.833 ms

Below is generated by plot.py at 2019-01-17 08:41:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 37.054 ms

Loss rate: 0.59%

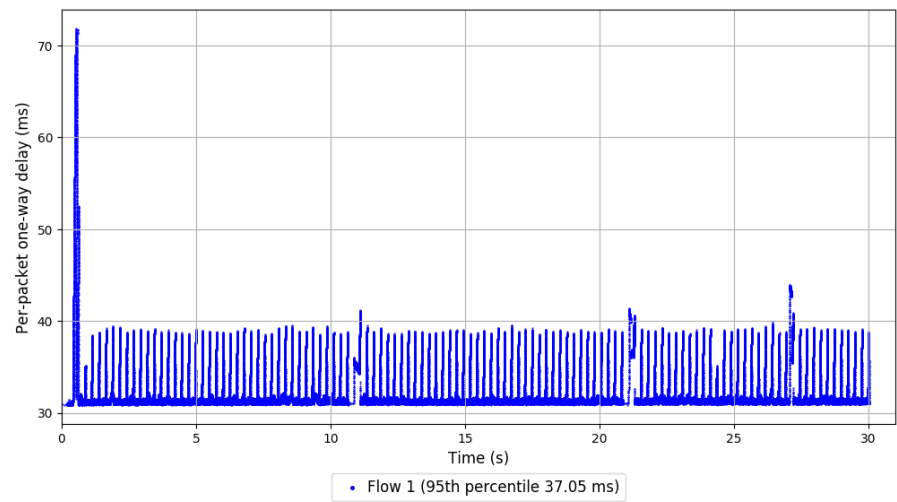
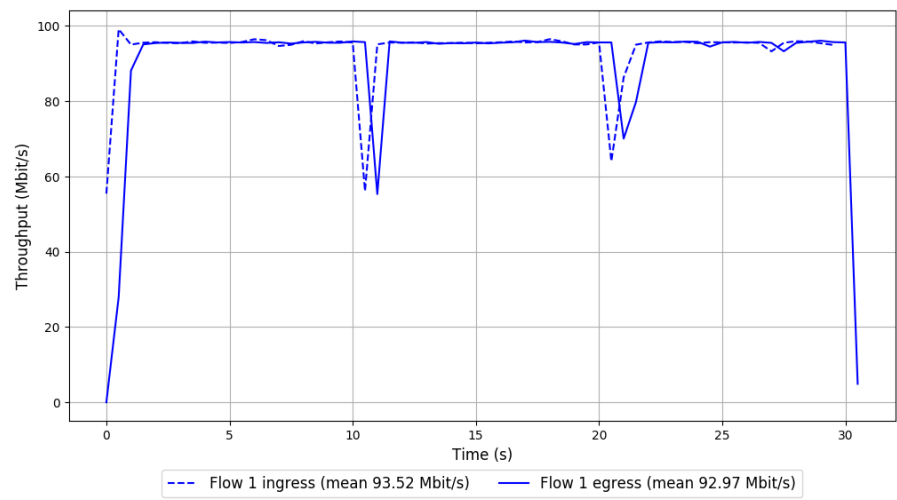
-- Flow 1:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 37.054 ms

Loss rate: 0.59%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-01-17 06:56:34

End at: 2019-01-17 06:57:04

Local clock offset: -0.183 ms

Remote clock offset: -3.11 ms

Below is generated by plot.py at 2019-01-17 08:42:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 36.829 ms

Loss rate: 0.58%

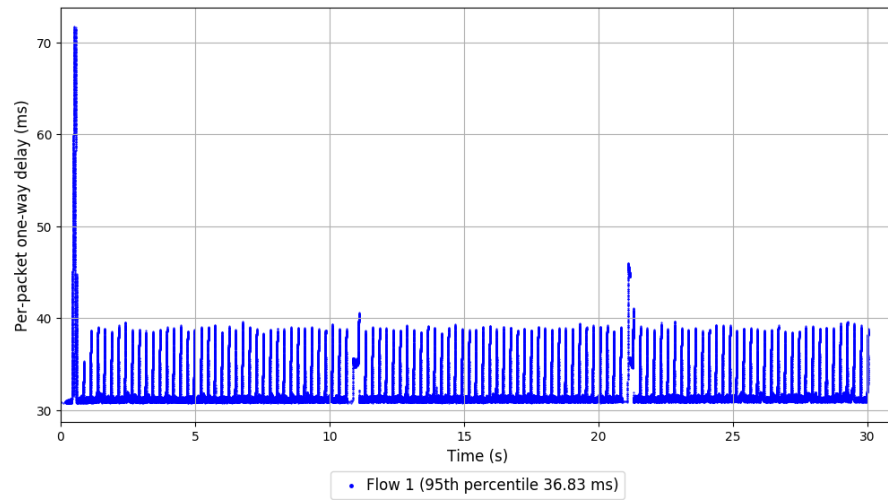
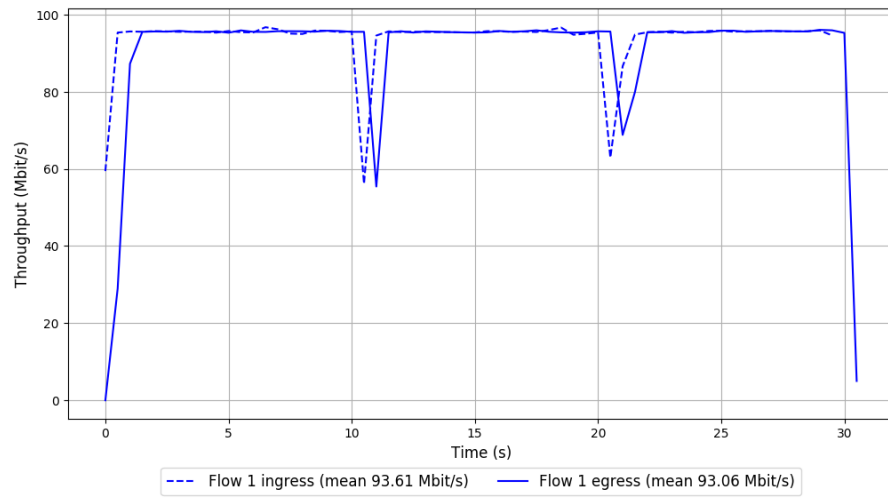
-- Flow 1:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 36.829 ms

Loss rate: 0.58%

Run 2: Report of FillP-Sheep — Data Link

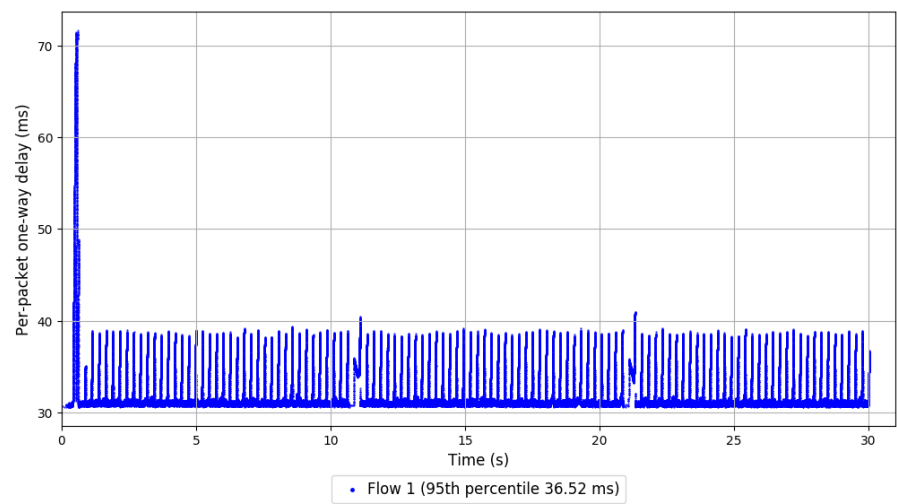
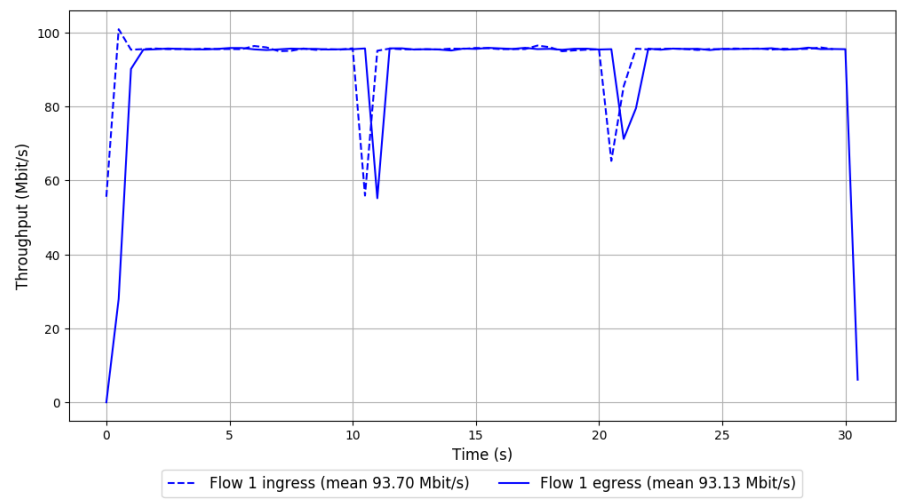


Run 3: Statistics of FillP-Sheep

Start at: 2019-01-17 07:21:40
End at: 2019-01-17 07:22:10
Local clock offset: 1.518 ms
Remote clock offset: -3.052 ms

Below is generated by plot.py at 2019-01-17 08:42:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 36.517 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 36.517 ms
Loss rate: 0.58%

Run 3: Report of FillP-Sheep — Data Link

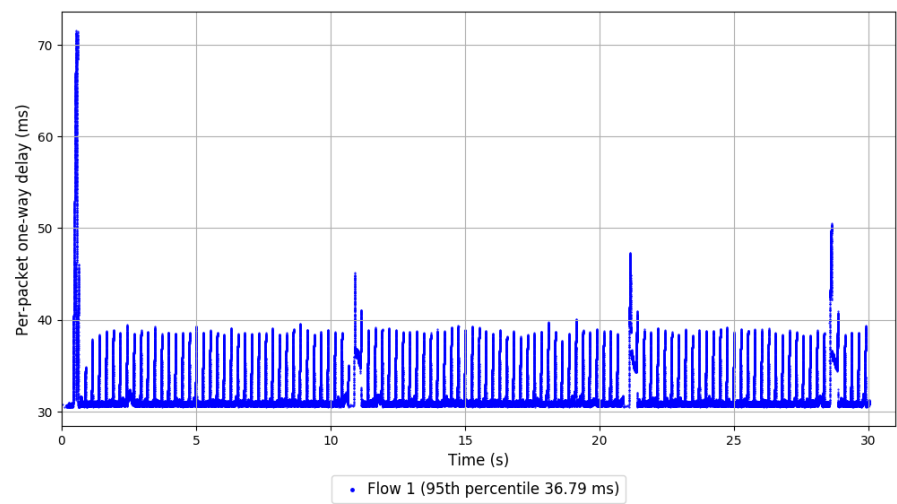
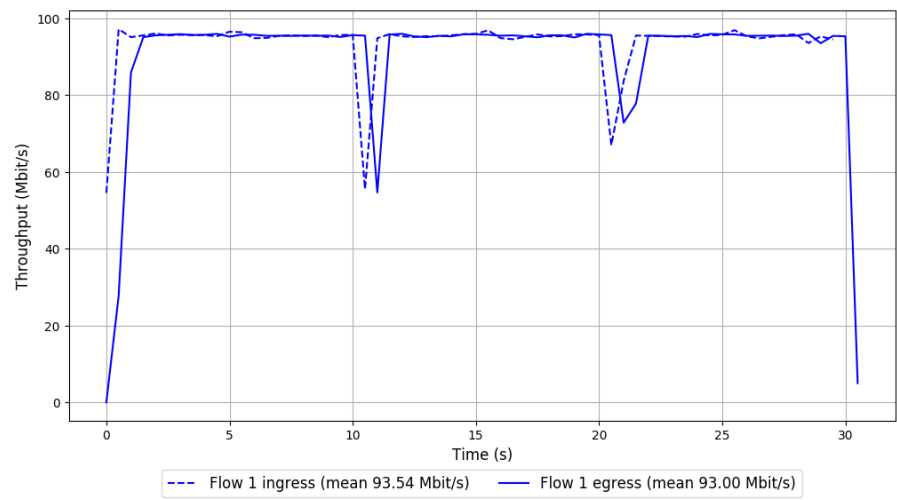


Run 4: Statistics of FillP-Sheep

Start at: 2019-01-17 07:46:55
End at: 2019-01-17 07:47:25
Local clock offset: 1.573 ms
Remote clock offset: -3.073 ms

Below is generated by plot.py at 2019-01-17 08:42:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 36.788 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 36.788 ms
Loss rate: 0.58%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-01-17 08:12:34

End at: 2019-01-17 08:13:04

Local clock offset: 0.62 ms

Remote clock offset: -3.05 ms

Below is generated by plot.py at 2019-01-17 08:42:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 36.496 ms

Loss rate: 0.58%

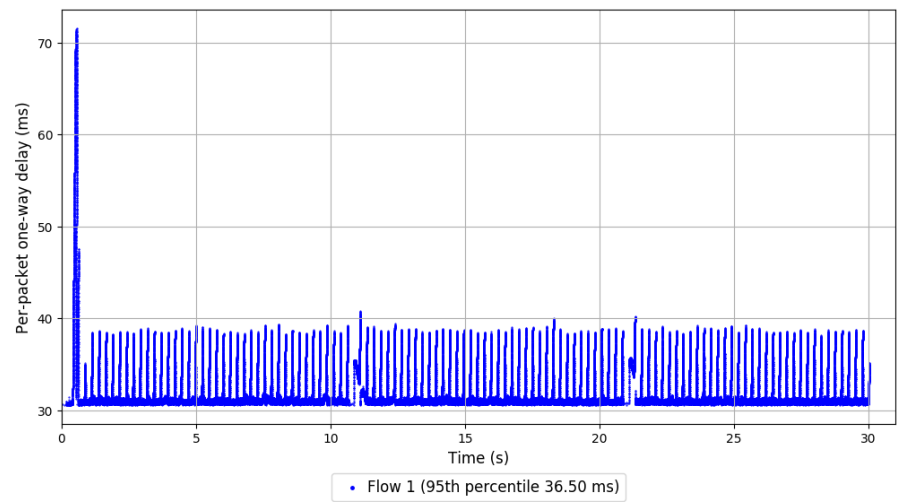
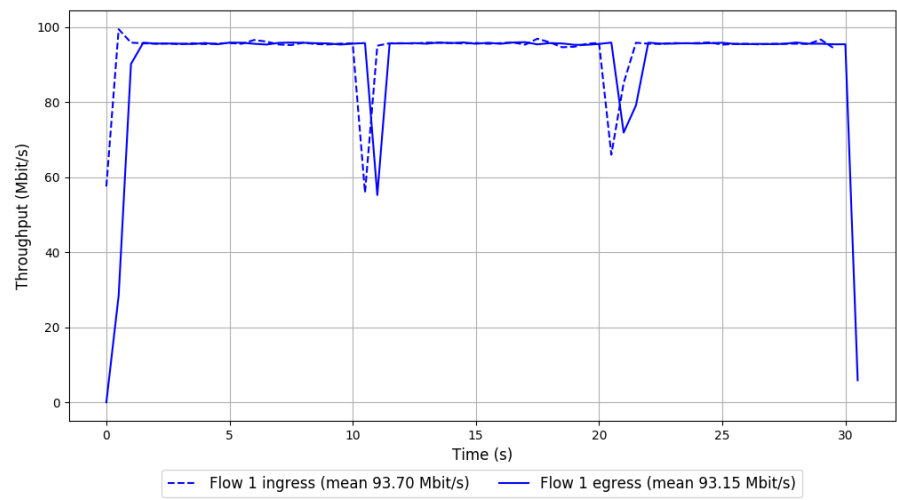
-- Flow 1:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 36.496 ms

Loss rate: 0.58%

Run 5: Report of FillP-Sheep — Data Link

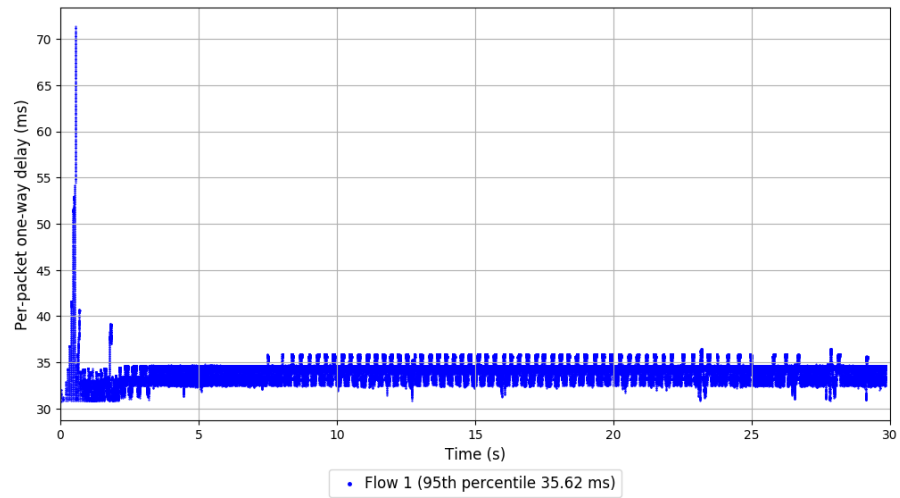
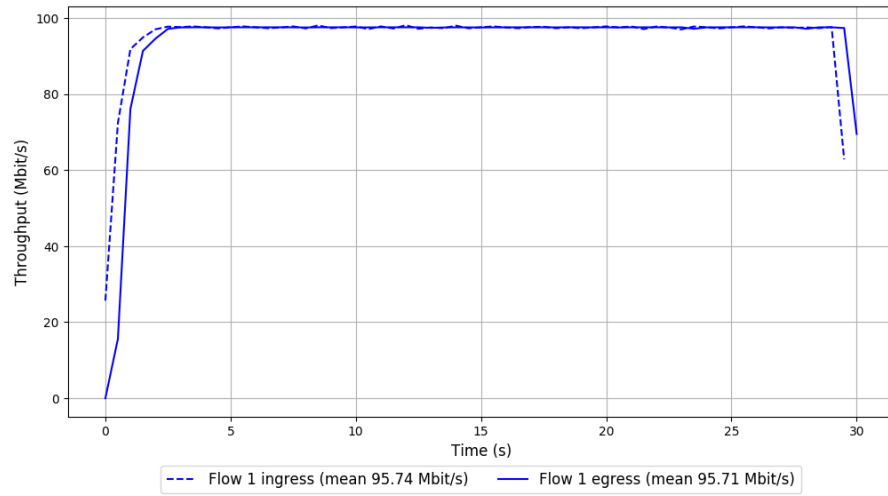


Run 1: Statistics of Indigo

Start at: 2019-01-17 06:42:10
End at: 2019-01-17 06:42:40
Local clock offset: -2.595 ms
Remote clock offset: -3.014 ms

Below is generated by plot.py at 2019-01-17 08:42:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 35.624 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 35.624 ms
Loss rate: 0.01%

Run 1: Report of Indigo — Data Link

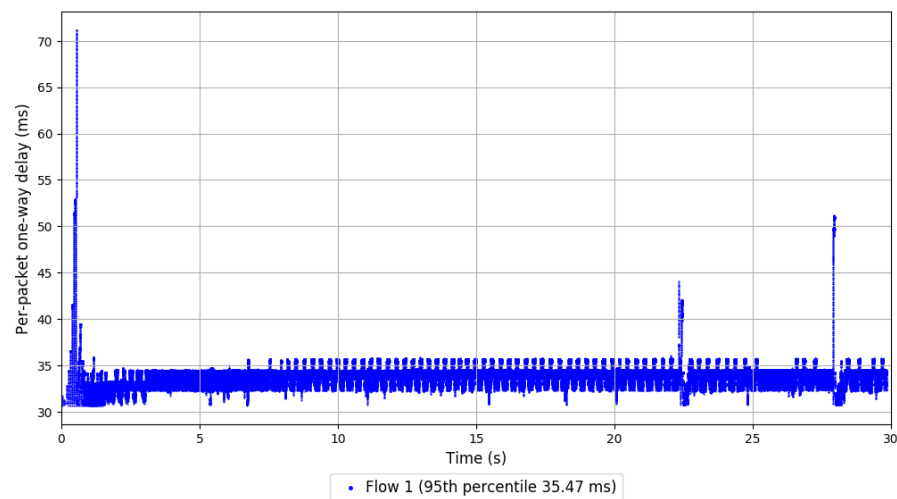
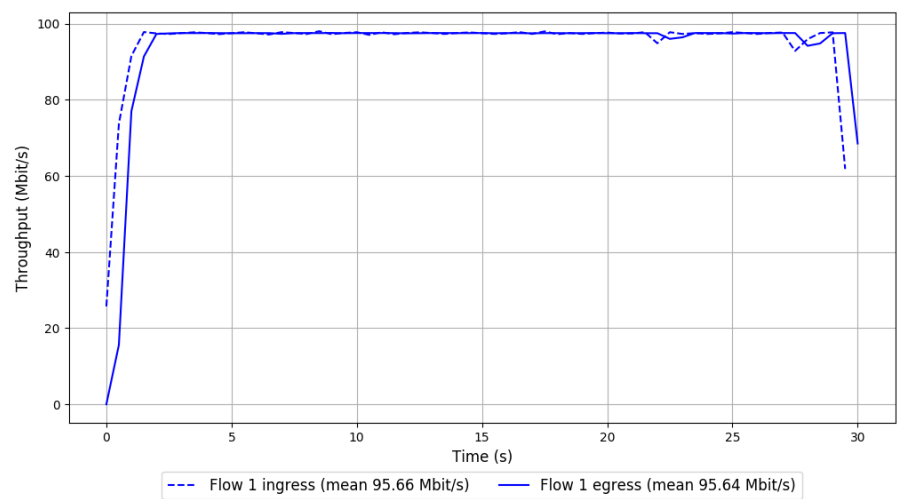


Run 2: Statistics of Indigo

Start at: 2019-01-17 07:07:17
End at: 2019-01-17 07:07:47
Local clock offset: 1.179 ms
Remote clock offset: -3.136 ms

Below is generated by plot.py at 2019-01-17 08:42:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 35.473 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 35.473 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-01-17 07:32:36

End at: 2019-01-17 07:33:06

Local clock offset: 1.207 ms

Remote clock offset: -3.065 ms

Below is generated by plot.py at 2019-01-17 08:42:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 34.533 ms

Loss rate: 0.00%

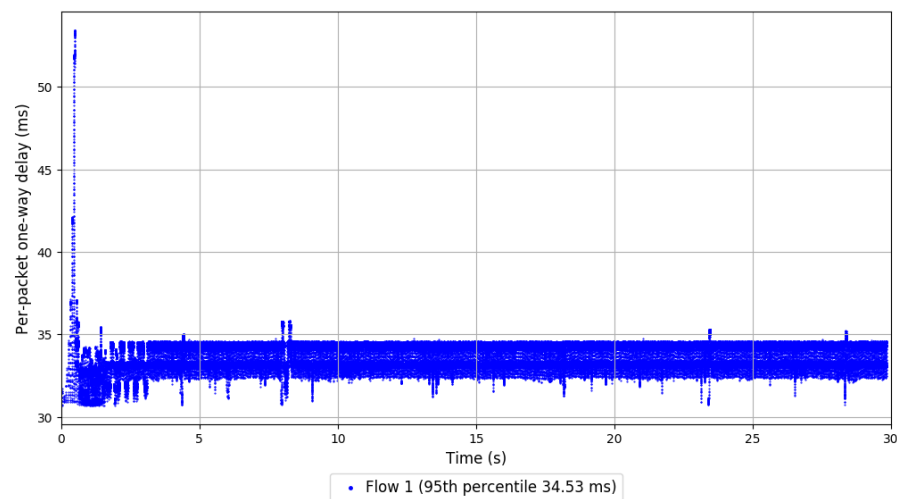
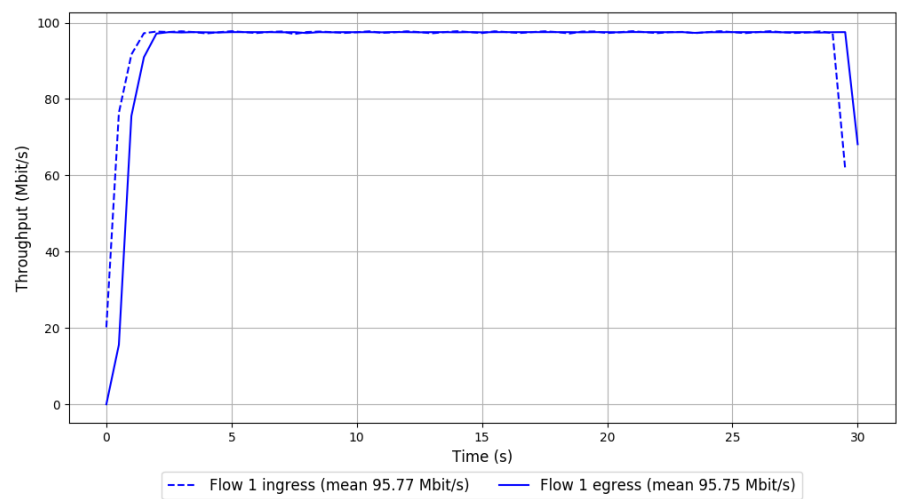
-- Flow 1:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 34.533 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

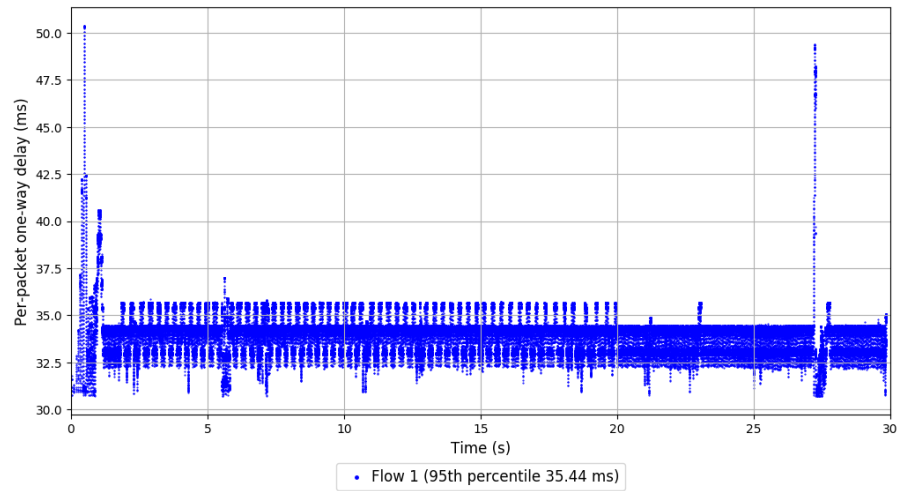
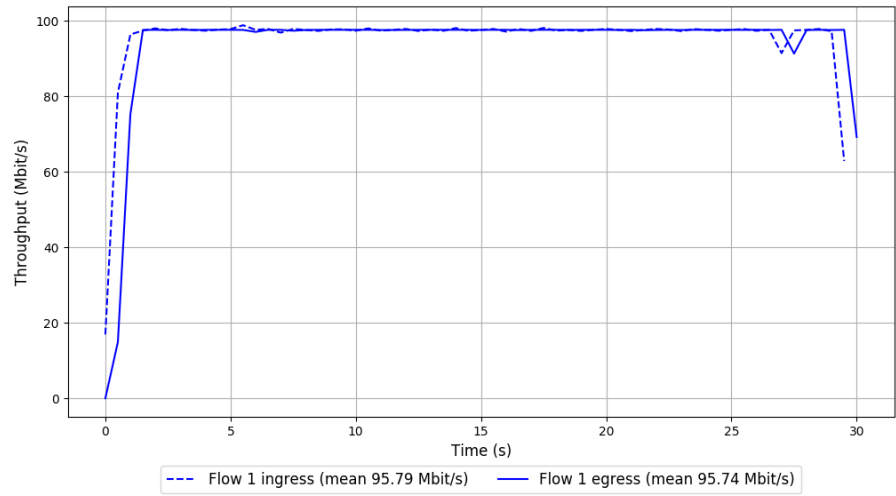


Run 4: Statistics of Indigo

Start at: 2019-01-17 07:58:12
End at: 2019-01-17 07:58:42
Local clock offset: 0.738 ms
Remote clock offset: -3.032 ms

Below is generated by plot.py at 2019-01-17 08:42:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 35.442 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 35.442 ms
Loss rate: 0.03%

Run 4: Report of Indigo — Data Link

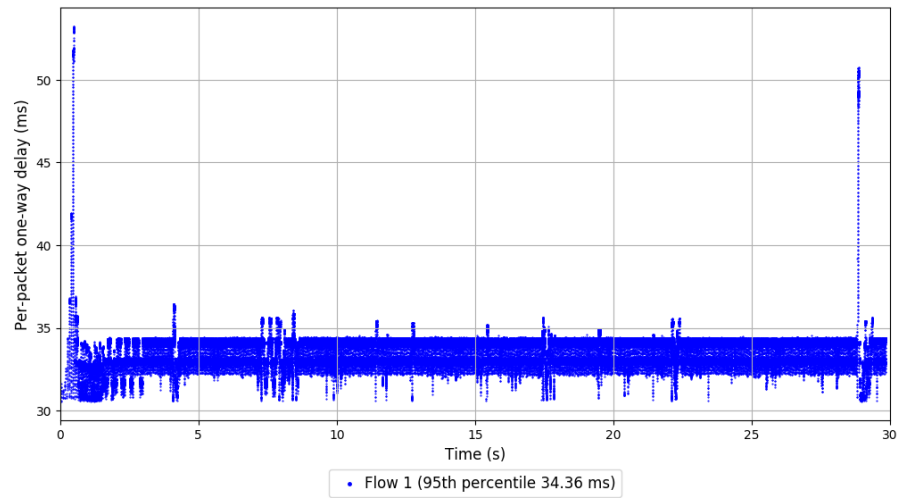
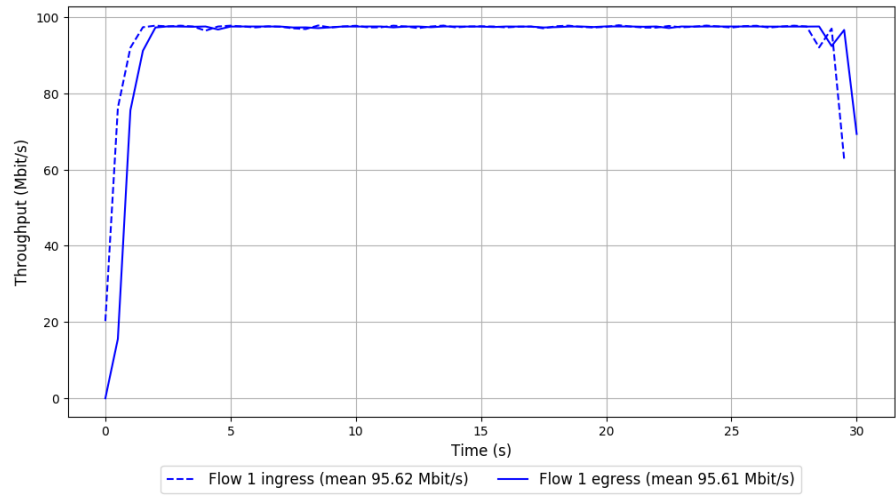


Run 5: Statistics of Indigo

Start at: 2019-01-17 08:23:47
End at: 2019-01-17 08:24:18
Local clock offset: 0.496 ms
Remote clock offset: -3.179 ms

Below is generated by plot.py at 2019-01-17 08:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

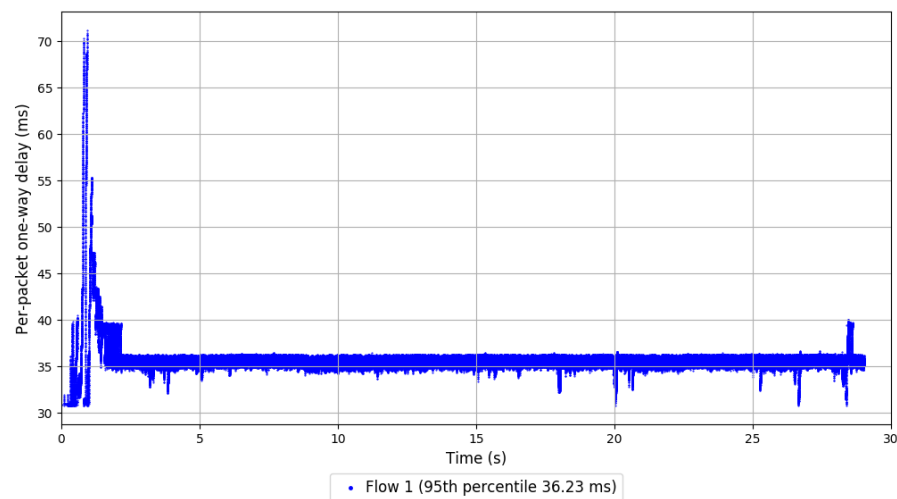
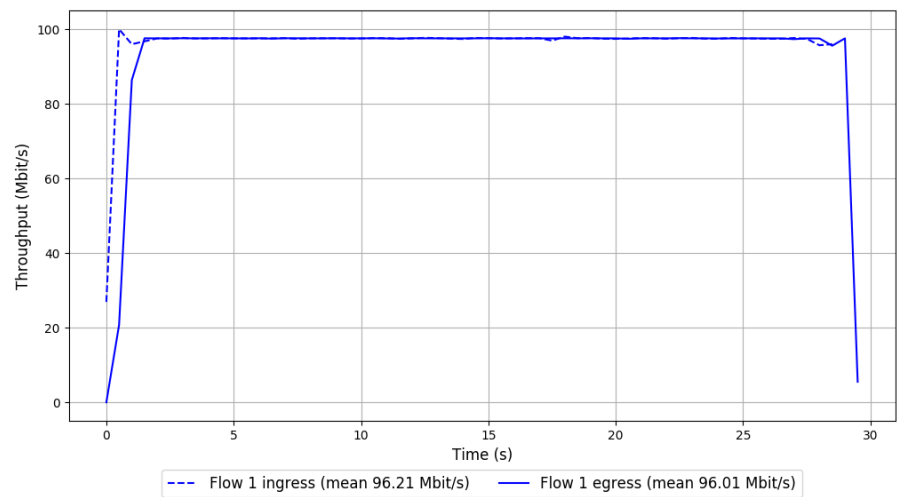


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-01-17 06:35:51
End at: 2019-01-17 06:36:21
Local clock offset: -2.896 ms
Remote clock offset: -2.991 ms

Below is generated by plot.py at 2019-01-17 08:43:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.19%

Run 1: Report of Indigo-MusesC3 — Data Link

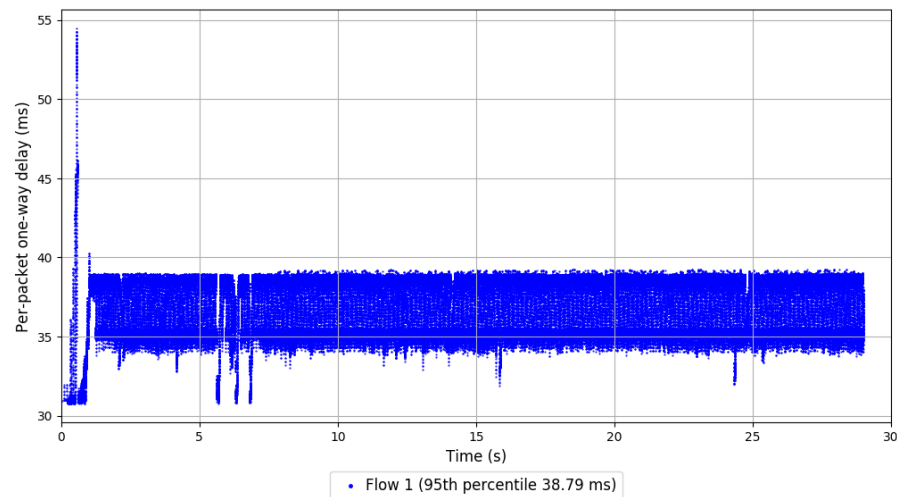
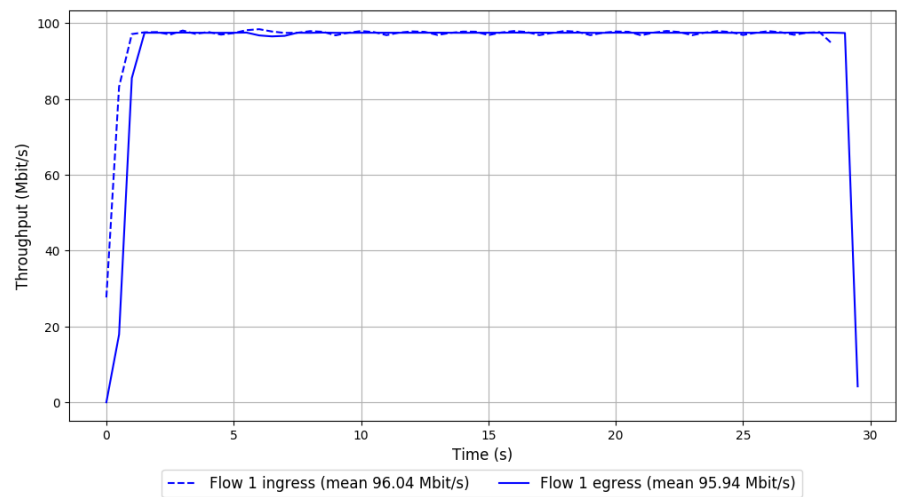


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:01:12
End at: 2019-01-17 07:01:42
Local clock offset: 0.512 ms
Remote clock offset: -3.115 ms

Below is generated by plot.py at 2019-01-17 08:43:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 38.791 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 38.791 ms
Loss rate: 0.08%

Run 2: Report of Indigo-MusesC3 — Data Link

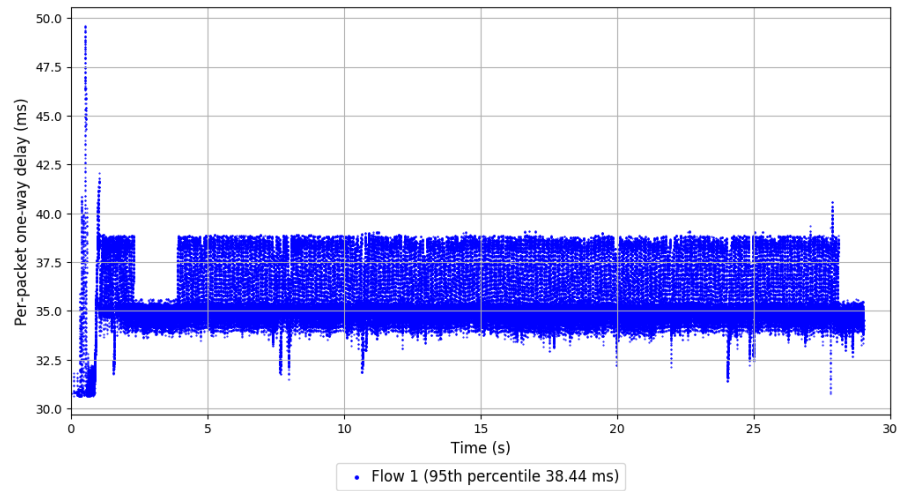
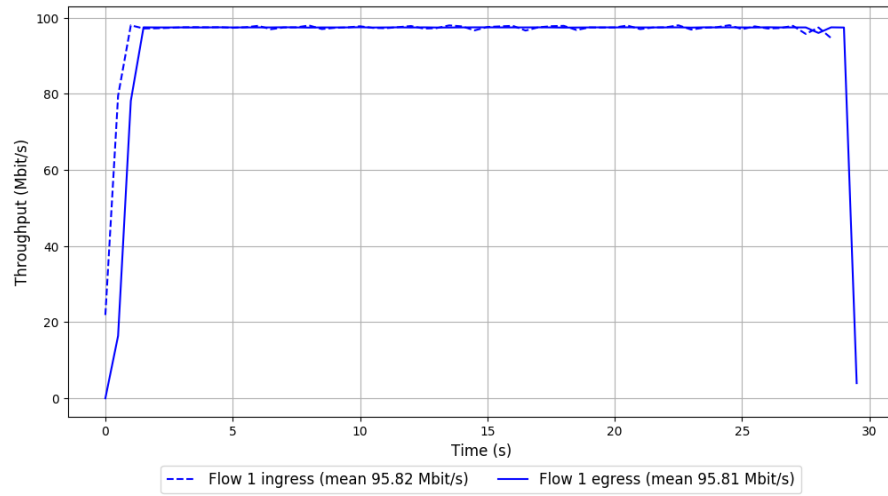


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:26:24
End at: 2019-01-17 07:26:54
Local clock offset: 1.279 ms
Remote clock offset: -3.076 ms

Below is generated by plot.py at 2019-01-17 08:43:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 38.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 38.439 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

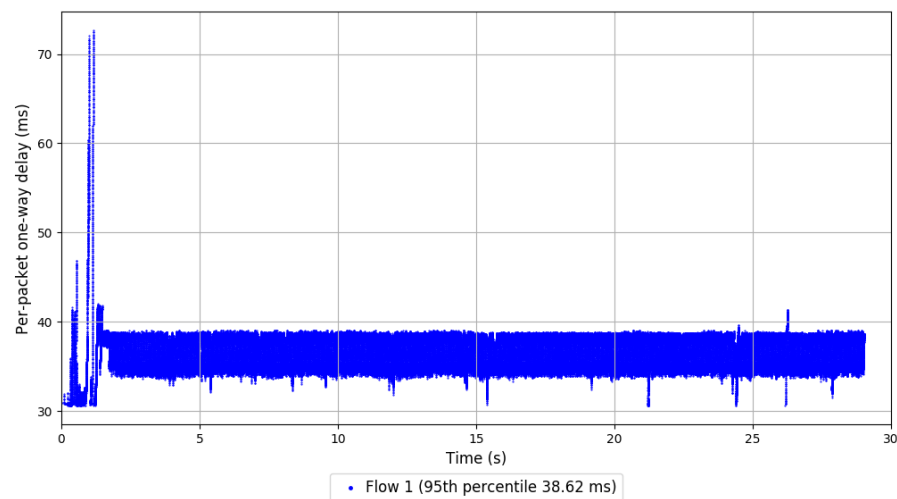
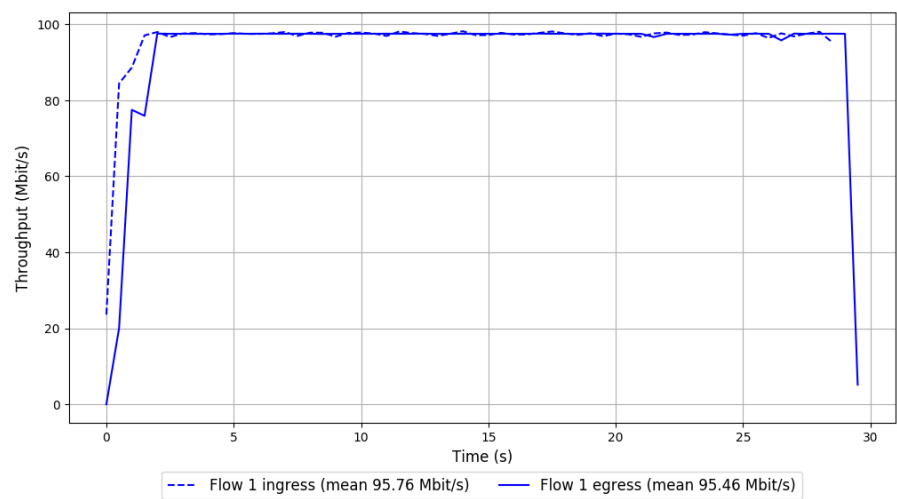


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:51:48
End at: 2019-01-17 07:52:18
Local clock offset: 1.035 ms
Remote clock offset: -3.024 ms

Below is generated by plot.py at 2019-01-17 08:43:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 38.619 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 38.619 ms
Loss rate: 0.28%

Run 4: Report of Indigo-MusesC3 — Data Link

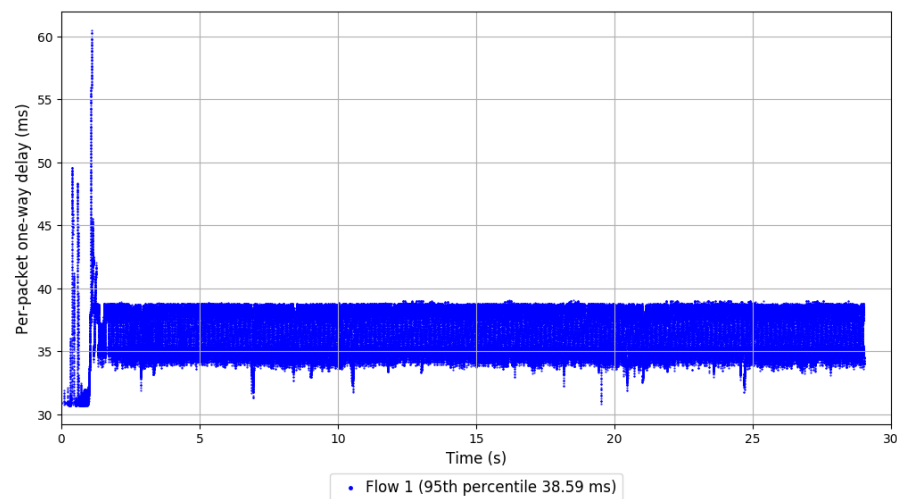
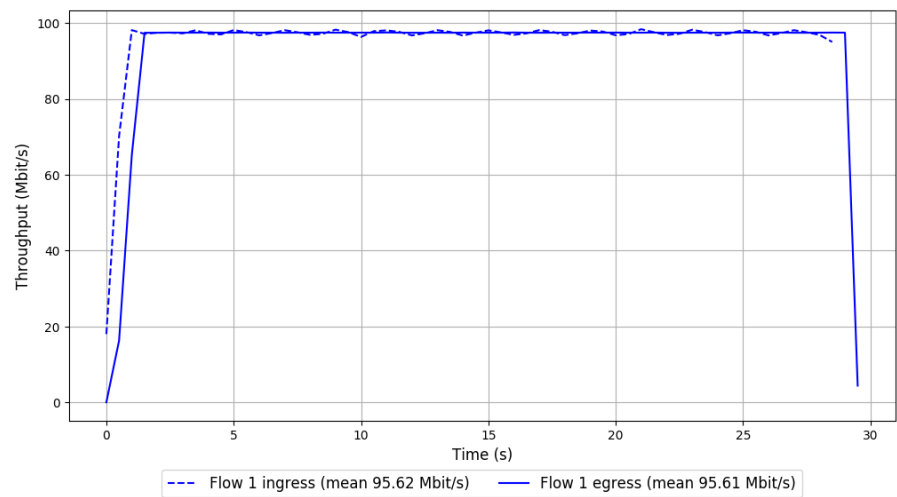


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-01-17 08:17:31
End at: 2019-01-17 08:18:01
Local clock offset: 0.635 ms
Remote clock offset: -3.044 ms

Below is generated by plot.py at 2019-01-17 08:43:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 38.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 38.585 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

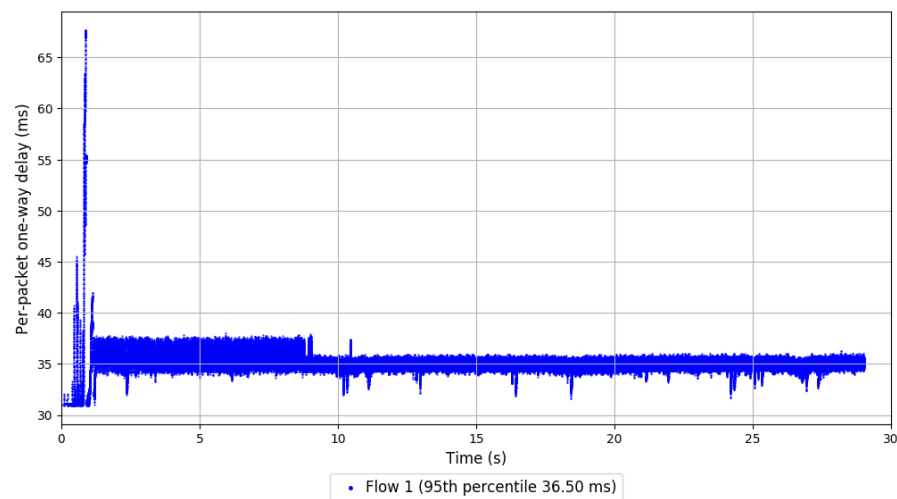
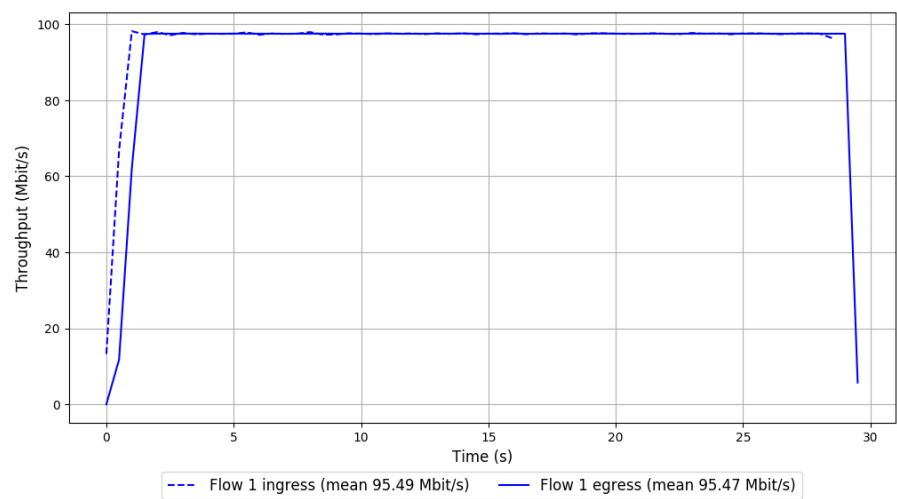


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-01-17 06:47:21
End at: 2019-01-17 06:47:51
Local clock offset: -2.424 ms
Remote clock offset: -3.014 ms

Below is generated by plot.py at 2019-01-17 08:43:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

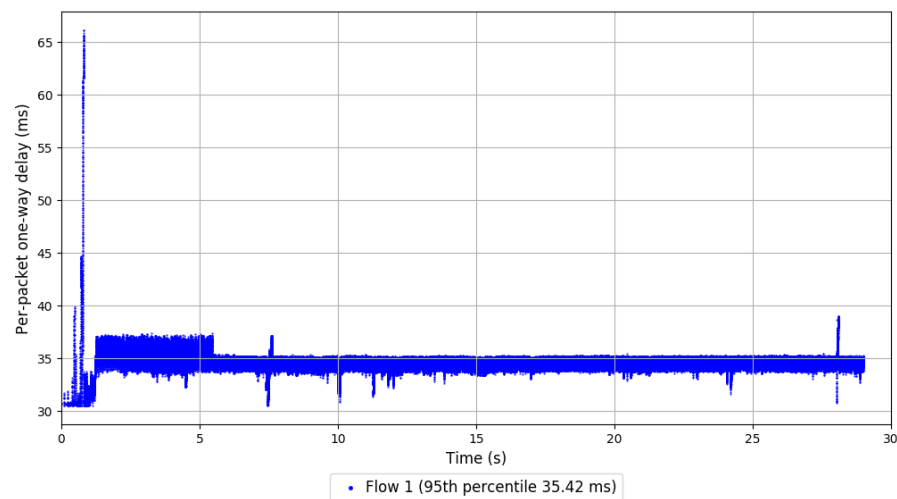
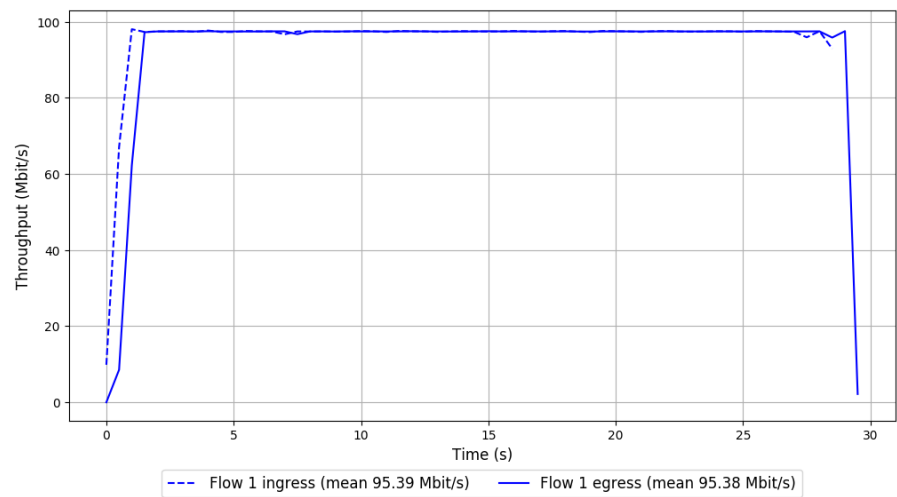


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:12:29
End at: 2019-01-17 07:12:59
Local clock offset: 1.529 ms
Remote clock offset: -3.291 ms

Below is generated by plot.py at 2019-01-17 08:43:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 35.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 35.423 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

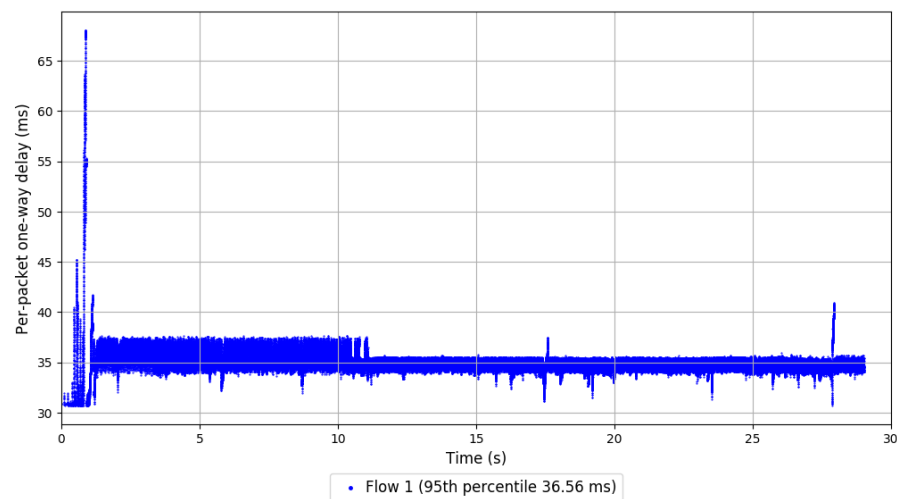
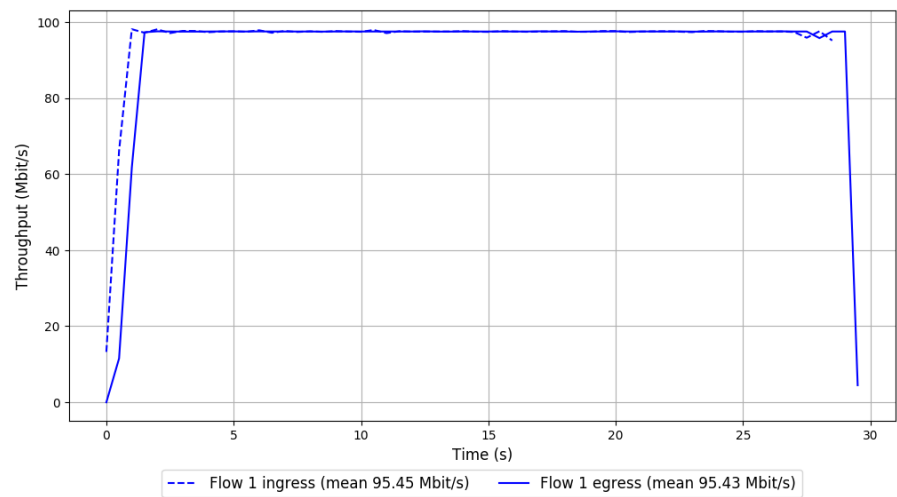


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:37:35
End at: 2019-01-17 07:38:05
Local clock offset: 1.278 ms
Remote clock offset: -3.015 ms

Below is generated by plot.py at 2019-01-17 08:44:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 36.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 36.562 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

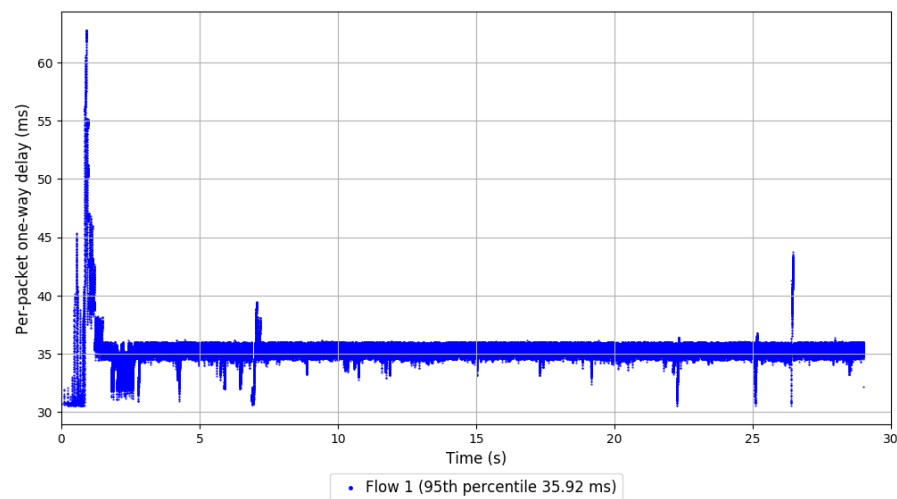
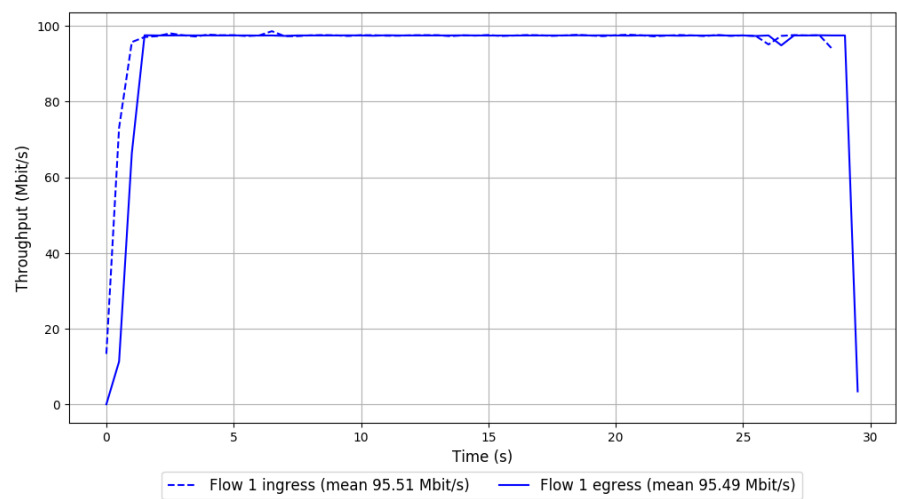


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:03:10
End at: 2019-01-17 08:03:40
Local clock offset: 0.65 ms
Remote clock offset: -3.192 ms

Below is generated by plot.py at 2019-01-17 08:44:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 35.922 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 35.922 ms
Loss rate: 0.02%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:28:42

End at: 2019-01-17 08:29:13

Local clock offset: 0.342 ms

Remote clock offset: -3.211 ms

Below is generated by plot.py at 2019-01-17 08:44:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.78 Mbit/s

95th percentile per-packet one-way delay: 47.043 ms

Loss rate: 0.00%

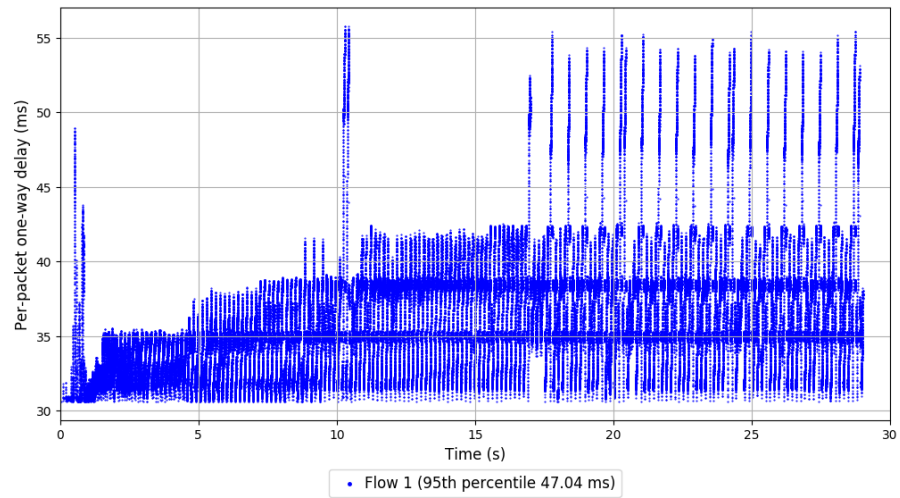
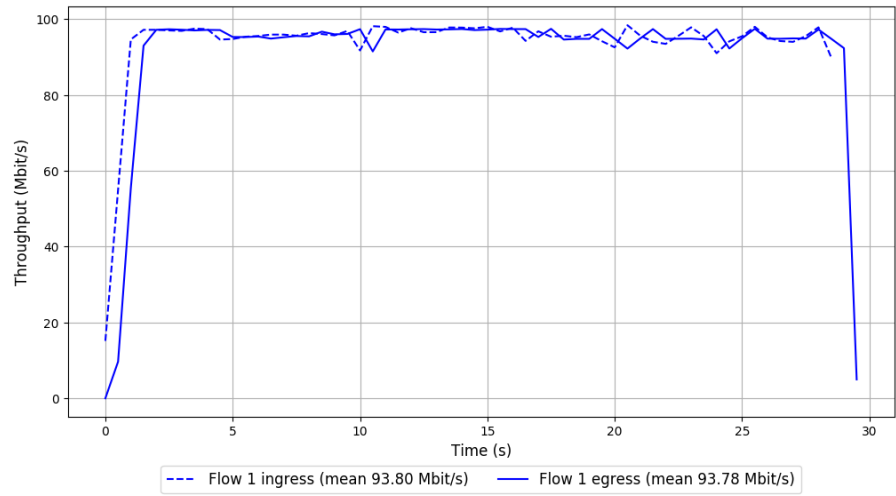
-- Flow 1:

Average throughput: 93.78 Mbit/s

95th percentile per-packet one-way delay: 47.043 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-01-17 06:37:04

End at: 2019-01-17 06:37:34

Local clock offset: -2.83 ms

Remote clock offset: -2.951 ms

Below is generated by plot.py at 2019-01-17 08:44:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.95 Mbit/s

95th percentile per-packet one-way delay: 34.111 ms

Loss rate: 0.02%

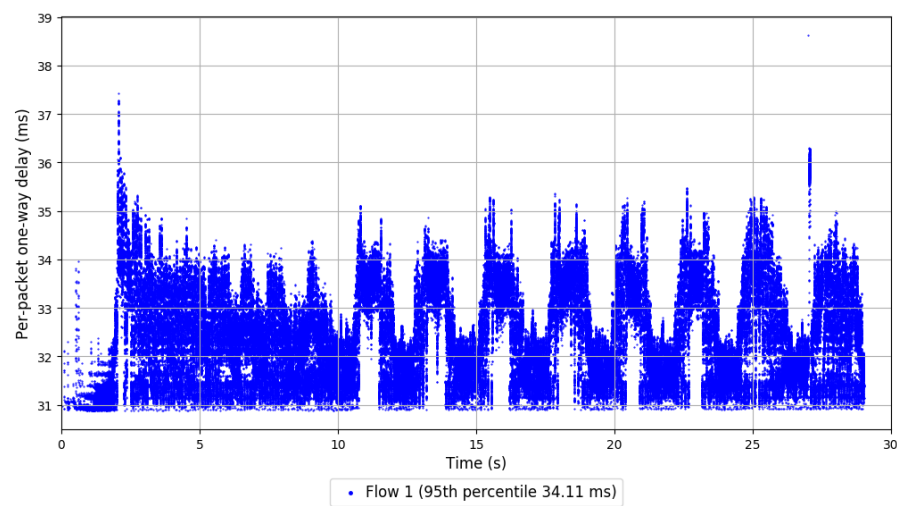
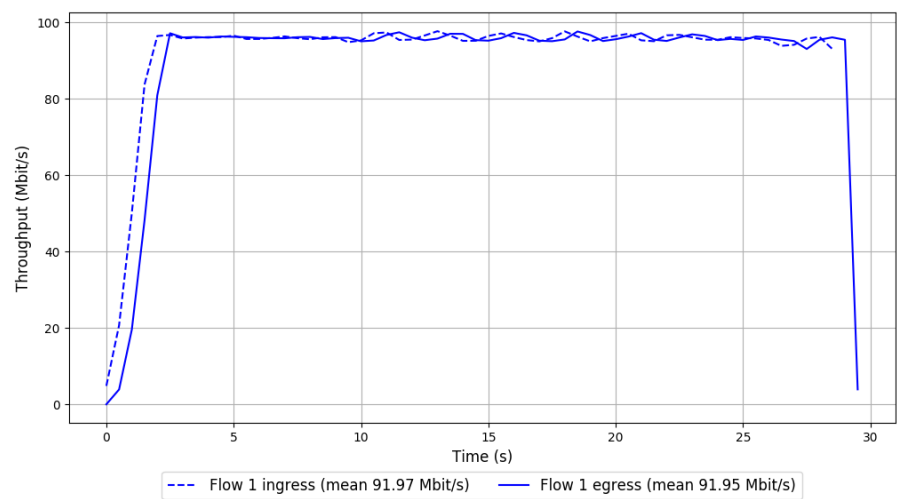
-- Flow 1:

Average throughput: 91.95 Mbit/s

95th percentile per-packet one-way delay: 34.111 ms

Loss rate: 0.02%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:02:23

End at: 2019-01-17 07:02:53

Local clock offset: 0.635 ms

Remote clock offset: -3.094 ms

Below is generated by plot.py at 2019-01-17 08:44:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 34.319 ms

Loss rate: 0.00%

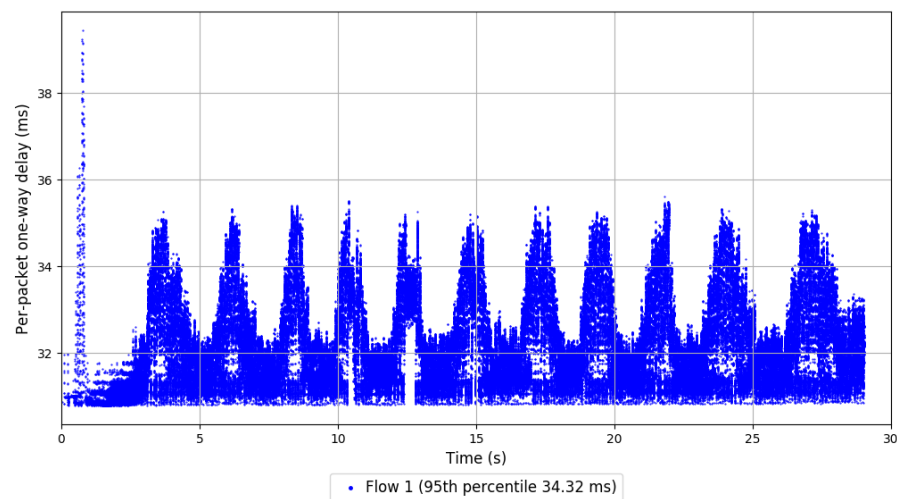
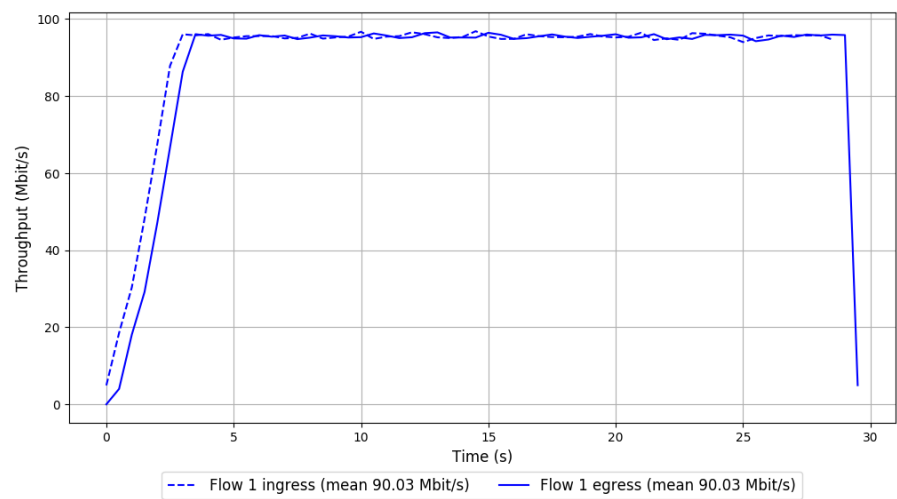
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 34.319 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:27:38

End at: 2019-01-17 07:28:08

Local clock offset: 1.254 ms

Remote clock offset: -3.066 ms

Below is generated by plot.py at 2019-01-17 08:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 34.145 ms

Loss rate: 0.00%

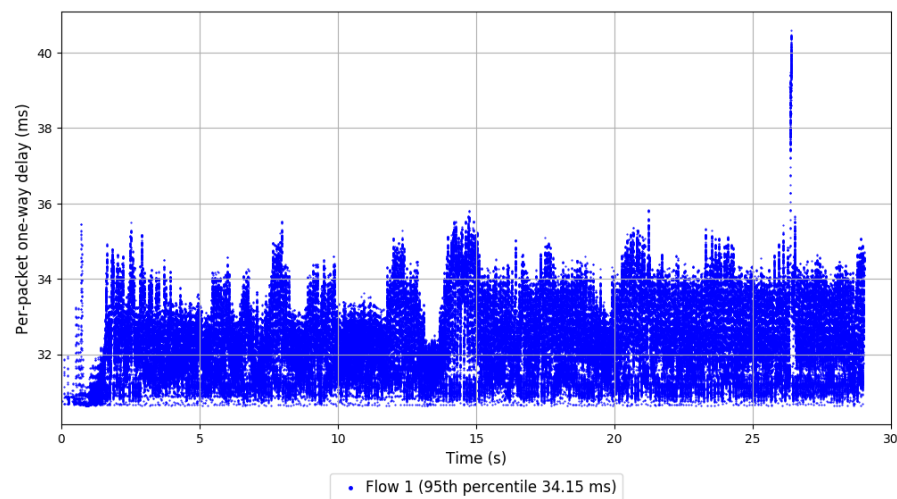
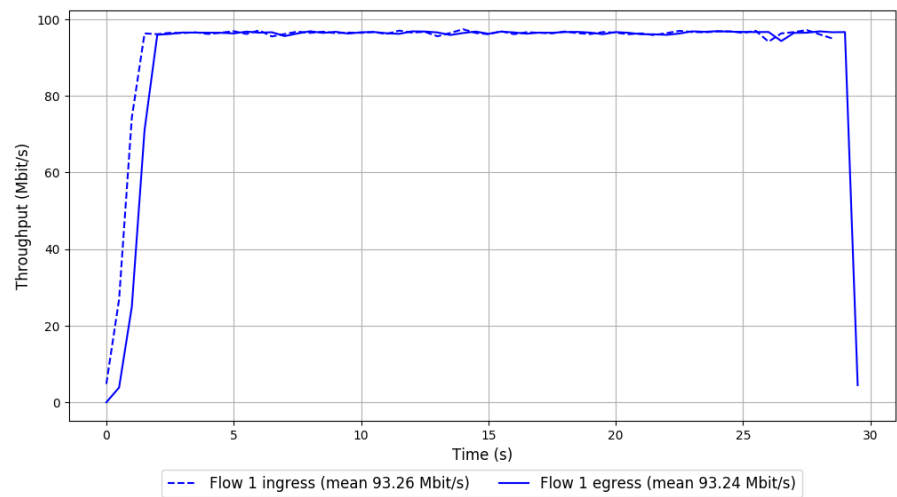
-- Flow 1:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 34.145 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:53:06

End at: 2019-01-17 07:53:36

Local clock offset: 1.021 ms

Remote clock offset: -3.028 ms

Below is generated by plot.py at 2019-01-17 08:44:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.03 Mbit/s

95th percentile per-packet one-way delay: 33.830 ms

Loss rate: 0.00%

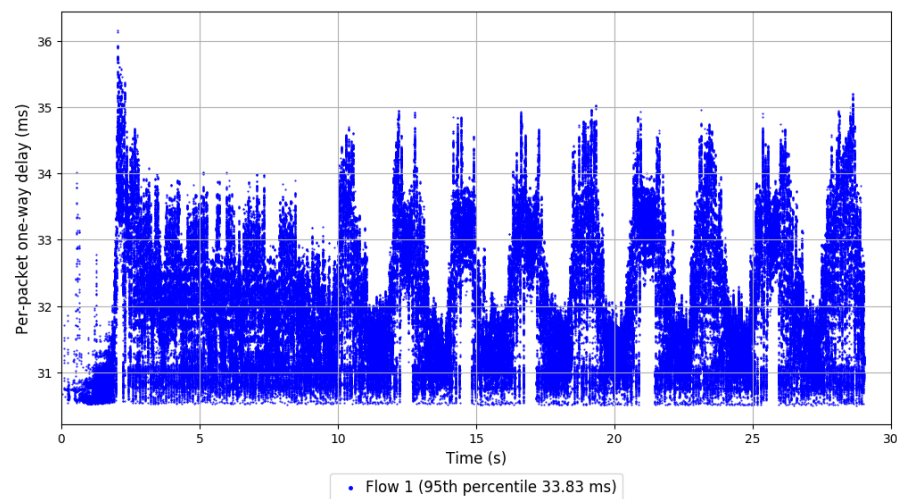
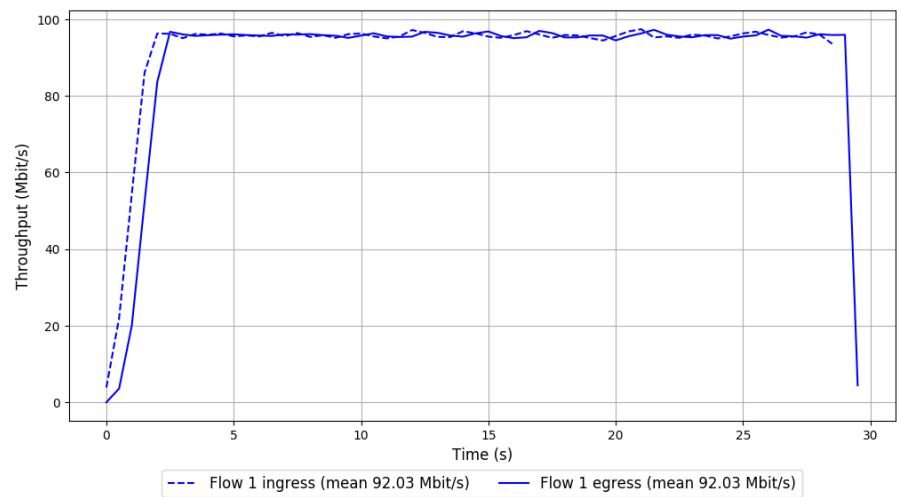
-- Flow 1:

Average throughput: 92.03 Mbit/s

95th percentile per-packet one-way delay: 33.830 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-01-17 08:18:46

End at: 2019-01-17 08:19:16

Local clock offset: 0.492 ms

Remote clock offset: -3.013 ms

Below is generated by plot.py at 2019-01-17 08:45:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 34.116 ms

Loss rate: 0.00%

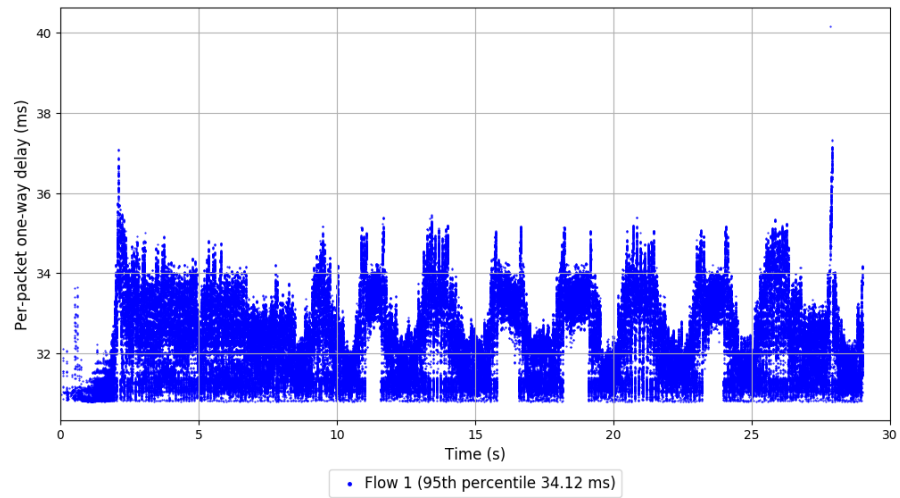
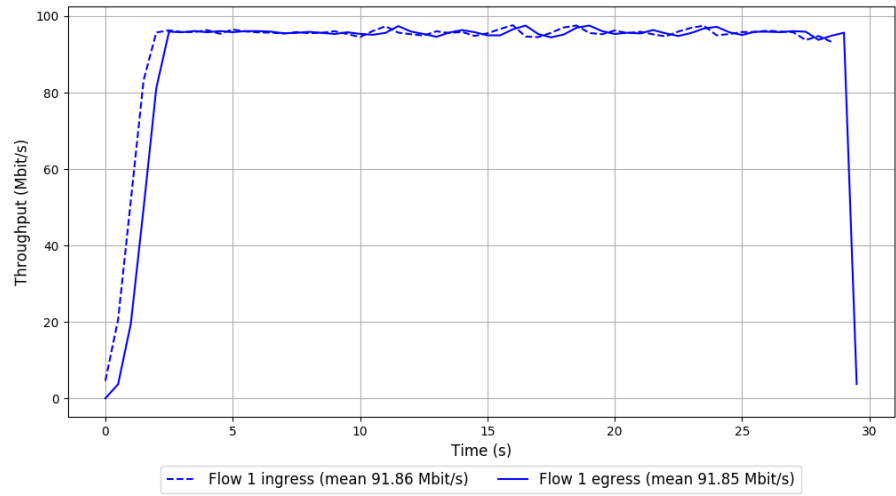
-- Flow 1:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 34.116 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

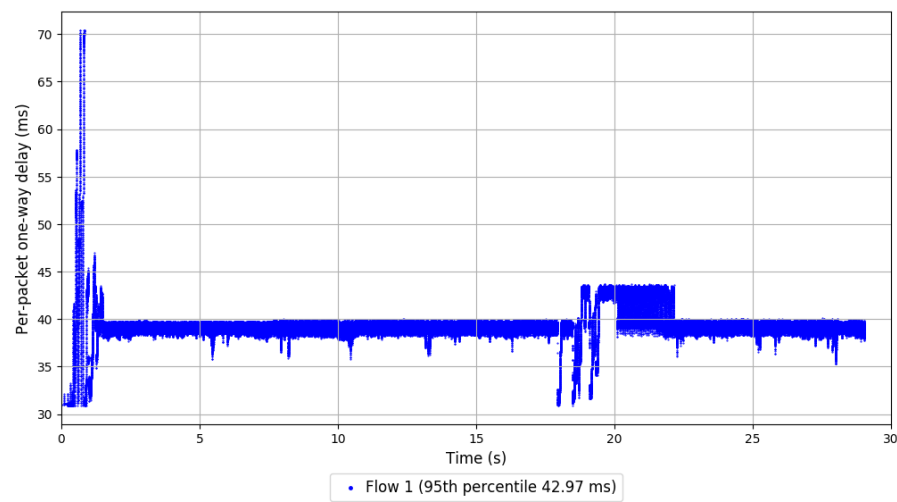
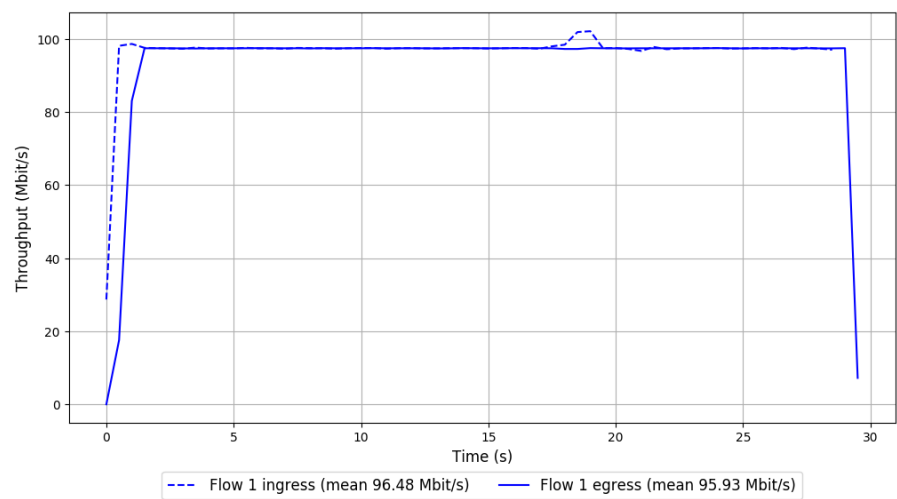


Run 1: Statistics of Indigo-MusesT

Start at: 2019-01-17 06:43:31
End at: 2019-01-17 06:44:02
Local clock offset: -2.53 ms
Remote clock offset: -2.964 ms

Below is generated by plot.py at 2019-01-17 08:45:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 42.973 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 42.973 ms
Loss rate: 0.54%

Run 1: Report of Indigo-MusesT — Data Link

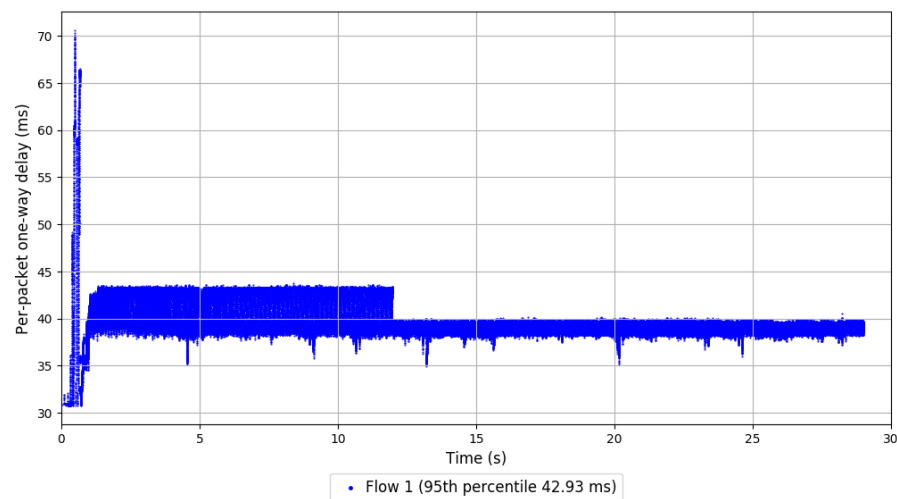
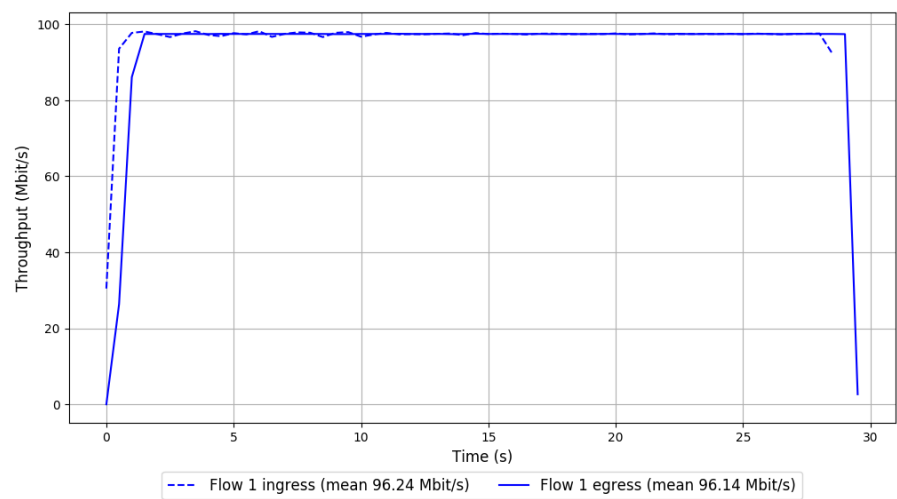


Run 2: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:08:36
End at: 2019-01-17 07:09:06
Local clock offset: 1.22 ms
Remote clock offset: -3.127 ms

Below is generated by plot.py at 2019-01-17 08:45:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 42.927 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 42.927 ms
Loss rate: 0.07%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:33:56

End at: 2019-01-17 07:34:26

Local clock offset: 1.209 ms

Remote clock offset: -3.07 ms

Below is generated by plot.py at 2019-01-17 08:45:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 39.567 ms

Loss rate: 0.19%

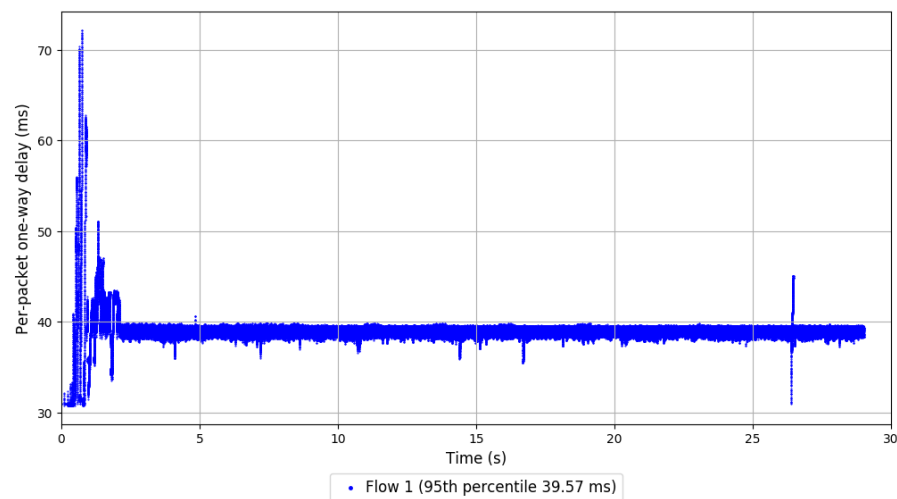
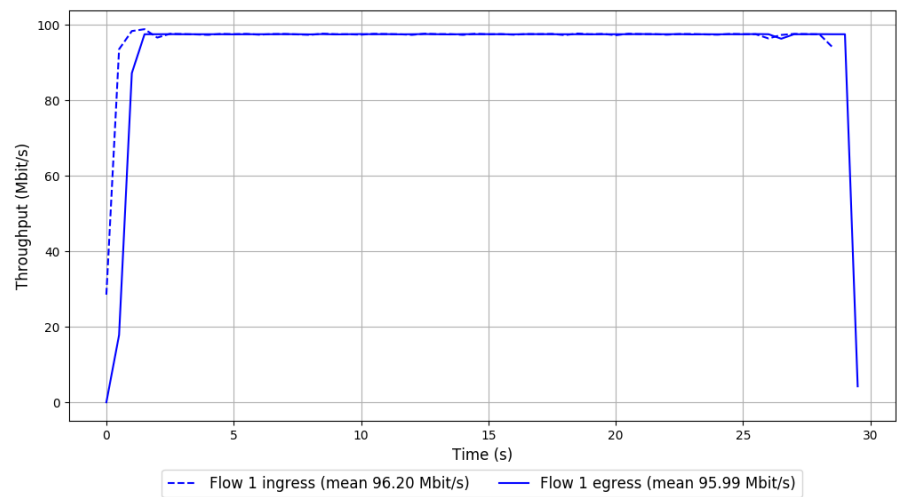
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 39.567 ms

Loss rate: 0.19%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:59:32

End at: 2019-01-17 08:00:02

Local clock offset: 0.73 ms

Remote clock offset: -3.044 ms

Below is generated by plot.py at 2019-01-17 08:45:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 39.473 ms

Loss rate: 0.29%

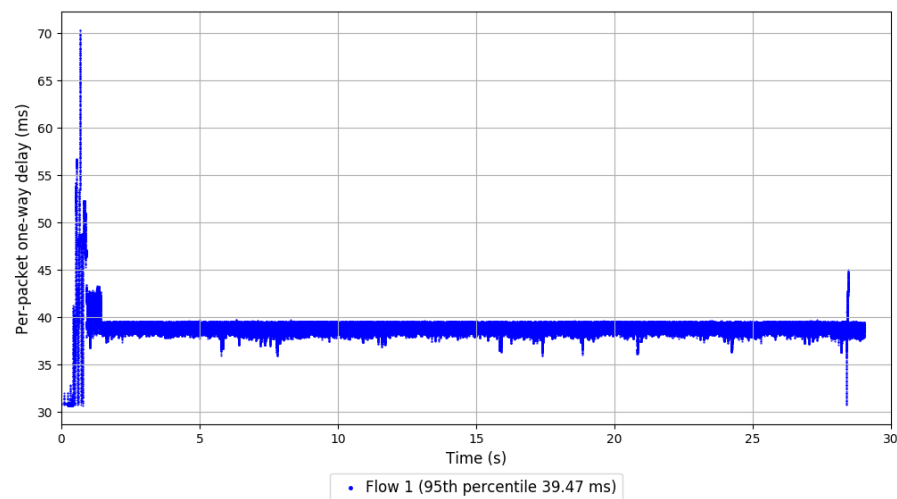
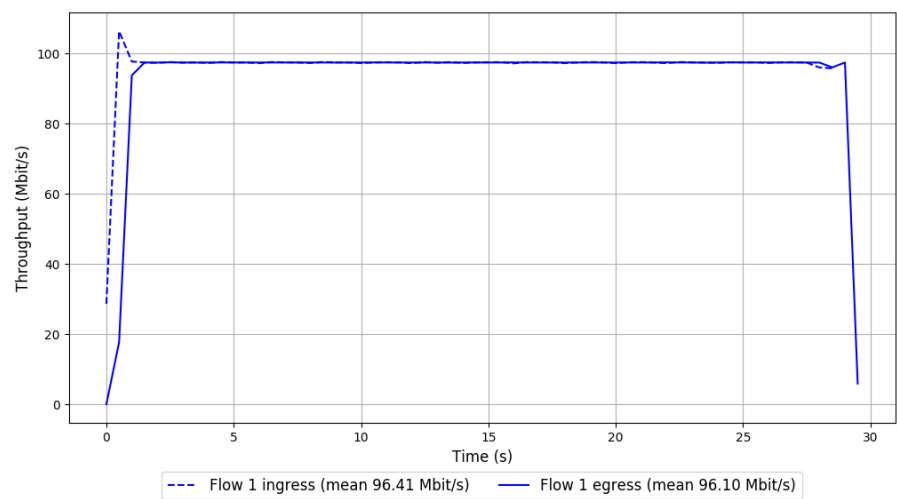
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 39.473 ms

Loss rate: 0.29%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-01-17 08:25:06

End at: 2019-01-17 08:25:36

Local clock offset: 0.38 ms

Remote clock offset: -3.228 ms

Below is generated by plot.py at 2019-01-17 08:45:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 39.446 ms

Loss rate: 0.31%

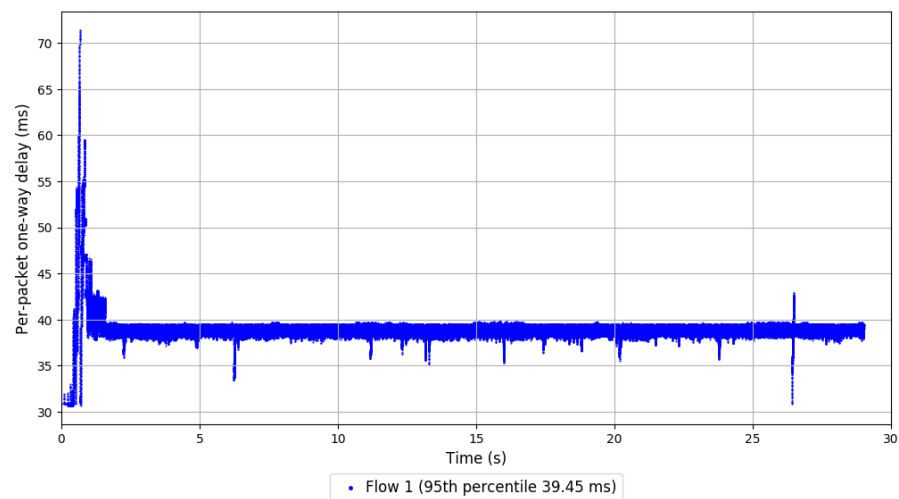
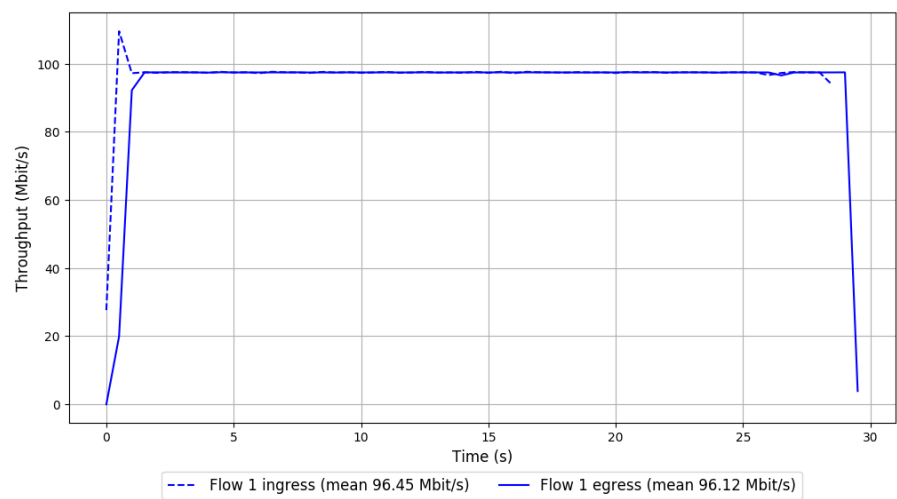
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 39.446 ms

Loss rate: 0.31%

Run 5: Report of Indigo-MusesT — Data Link

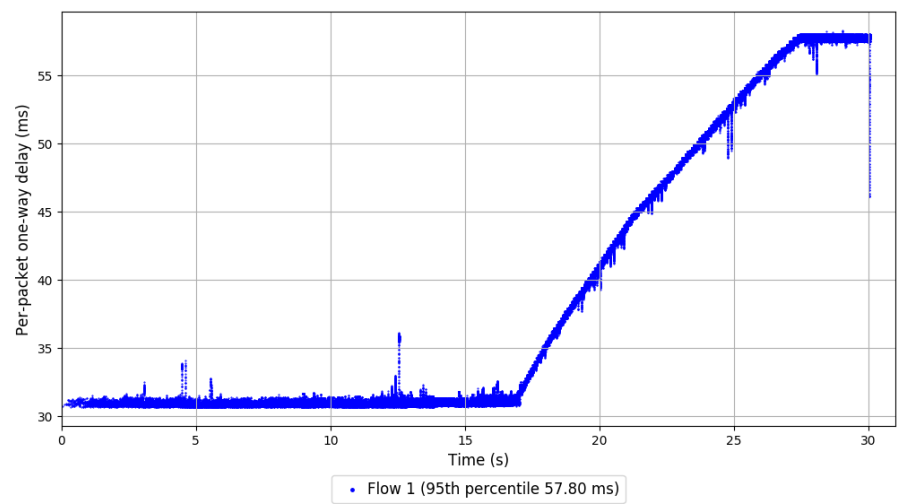
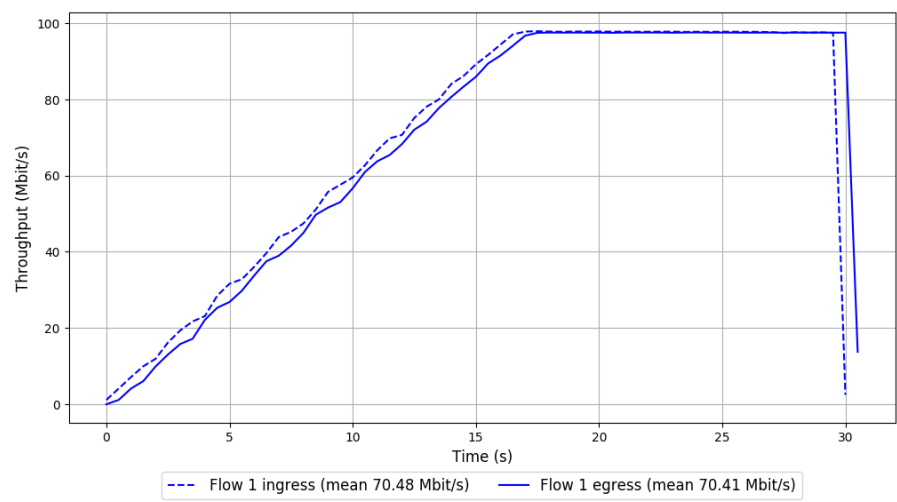


Run 1: Statistics of LEDBAT

Start at: 2019-01-17 06:33:22
End at: 2019-01-17 06:33:52
Local clock offset: -3.098 ms
Remote clock offset: -3.125 ms

Below is generated by plot.py at 2019-01-17 08:45:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.41 Mbit/s
95th percentile per-packet one-way delay: 57.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.41 Mbit/s
95th percentile per-packet one-way delay: 57.804 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

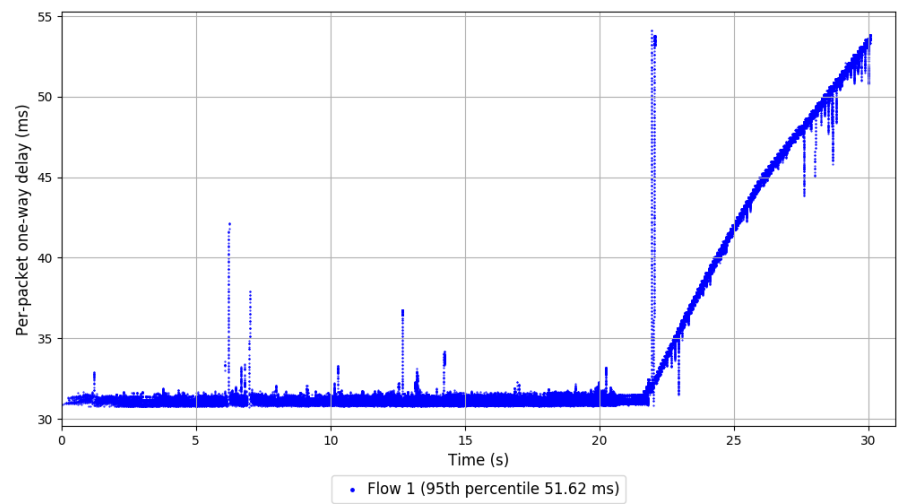
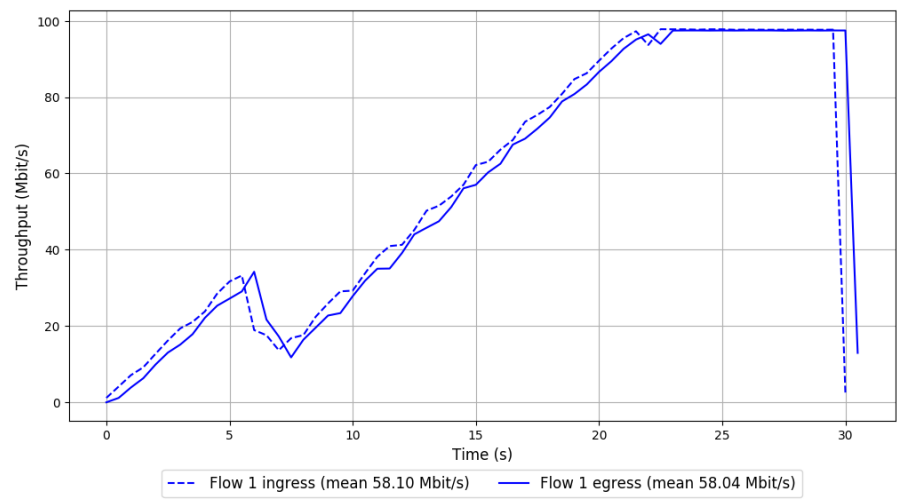


Run 2: Statistics of LEDBAT

Start at: 2019-01-17 06:58:50
End at: 2019-01-17 06:59:21
Local clock offset: 0.163 ms
Remote clock offset: -3.132 ms

Below is generated by plot.py at 2019-01-17 08:45:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 51.617 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 51.617 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

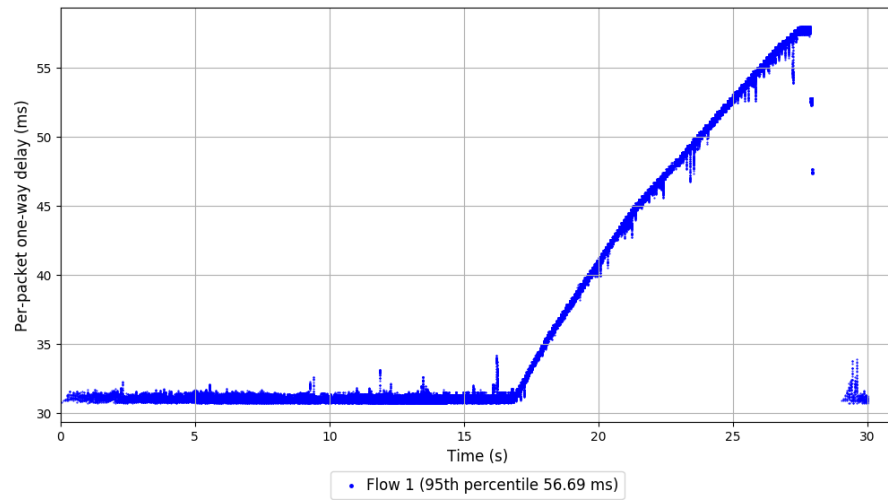
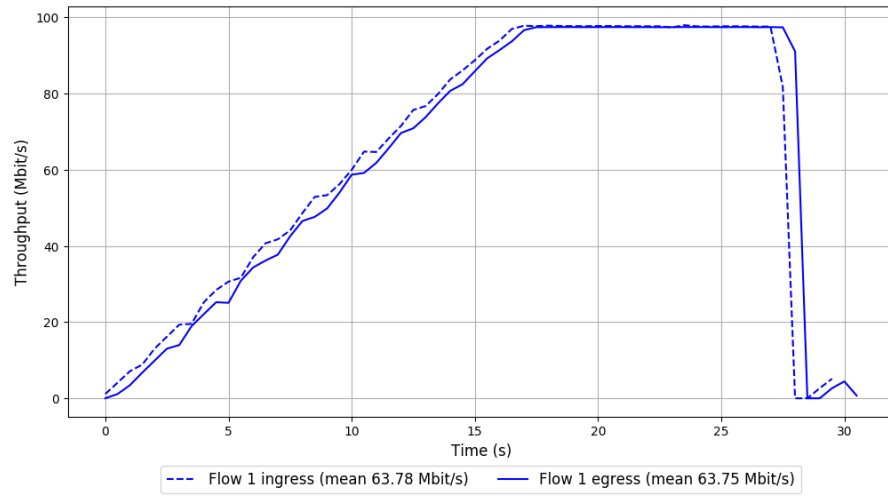


Run 3: Statistics of LEDBAT

Start at: 2019-01-17 07:23:59
End at: 2019-01-17 07:24:29
Local clock offset: 1.379 ms
Remote clock offset: -3.078 ms

Below is generated by plot.py at 2019-01-17 08:45:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 56.688 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 56.688 ms
Loss rate: 0.05%

Run 3: Report of LEDBAT — Data Link

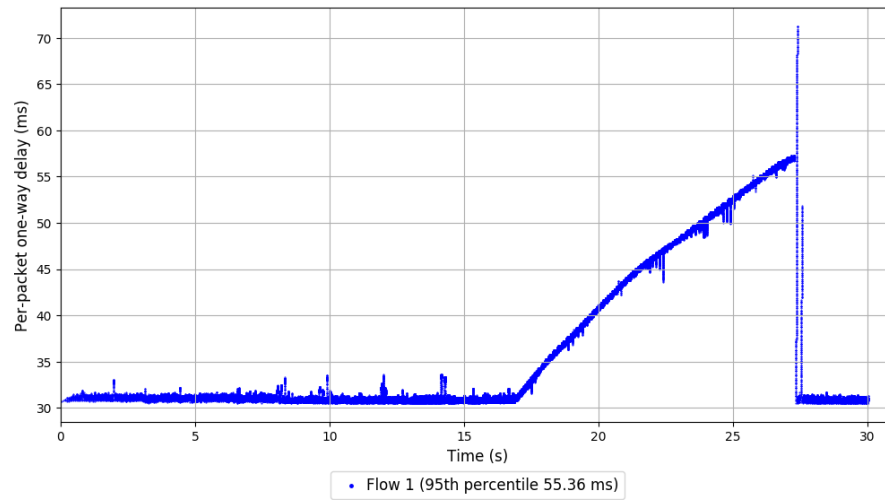
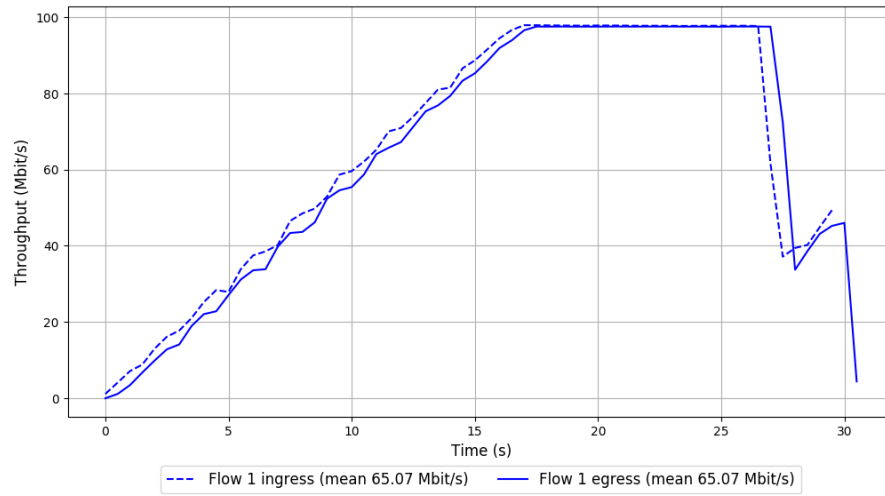


Run 4: Statistics of LEDBAT

Start at: 2019-01-17 07:49:15
End at: 2019-01-17 07:49:45
Local clock offset: 1.38 ms
Remote clock offset: -3.083 ms

Below is generated by plot.py at 2019-01-17 08:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 55.359 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 55.359 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-01-17 08:14:56

End at: 2019-01-17 08:15:26

Local clock offset: 0.531 ms

Remote clock offset: -3.08 ms

Below is generated by plot.py at 2019-01-17 08:46:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.89 Mbit/s

95th percentile per-packet one-way delay: 46.425 ms

Loss rate: 0.01%

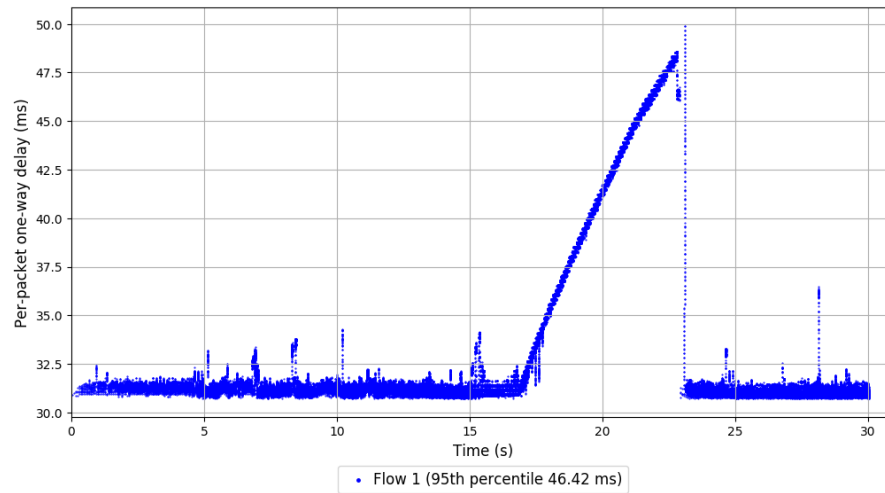
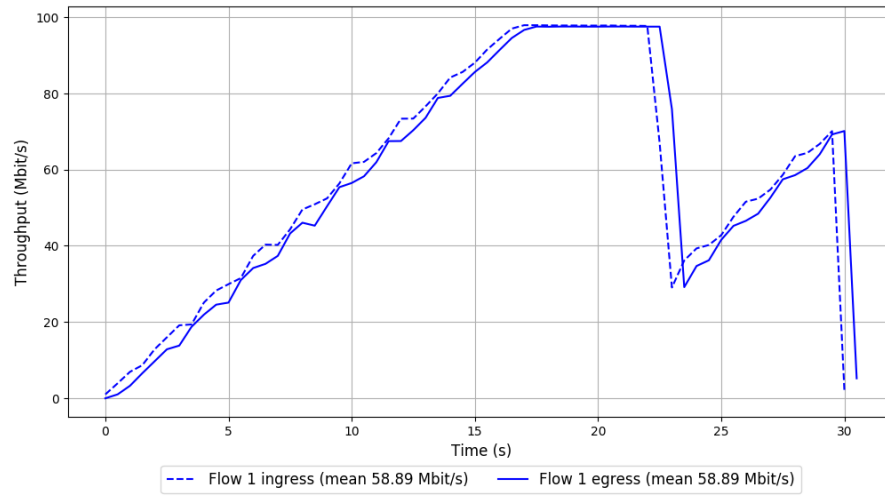
-- Flow 1:

Average throughput: 58.89 Mbit/s

95th percentile per-packet one-way delay: 46.425 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-01-17 06:44:51

End at: 2019-01-17 06:45:21

Local clock offset: -2.512 ms

Remote clock offset: -2.992 ms

Below is generated by plot.py at 2019-01-17 08:46:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 36.851 ms

Loss rate: 0.67%

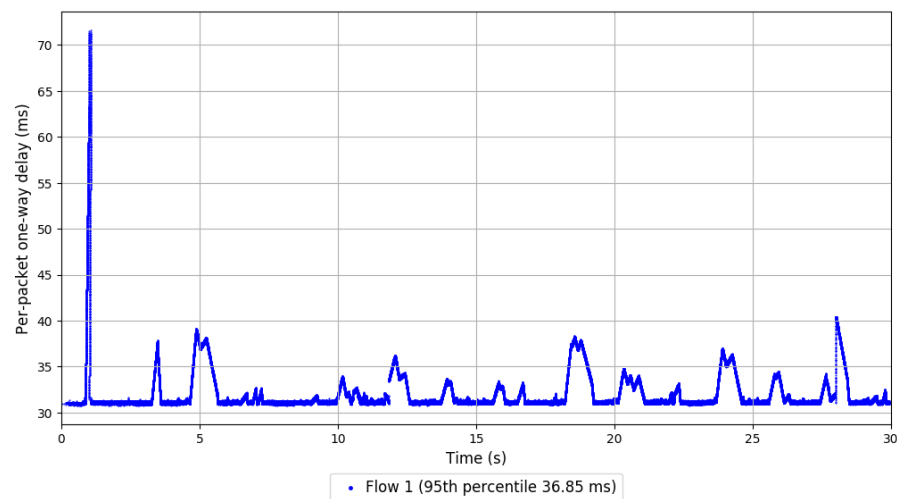
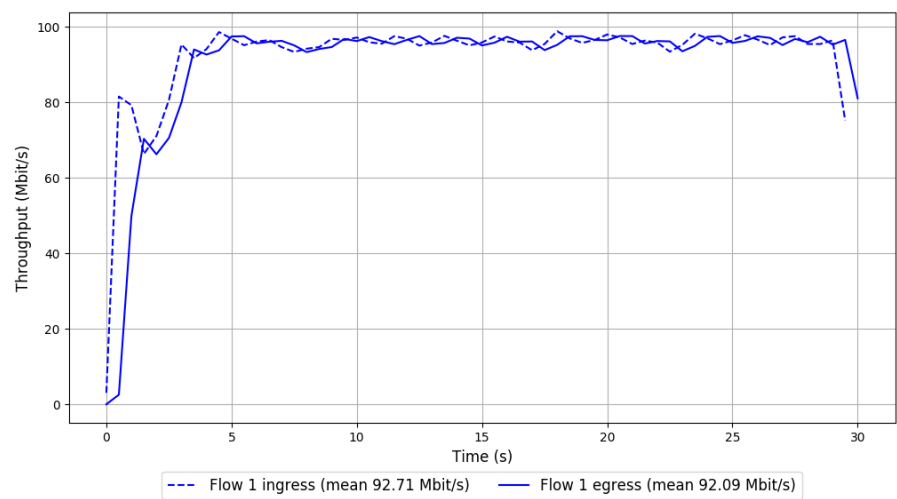
-- Flow 1:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 36.851 ms

Loss rate: 0.67%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-01-17 07:09:57

End at: 2019-01-17 07:10:27

Local clock offset: 1.339 ms

Remote clock offset: -3.29 ms

Below is generated by plot.py at 2019-01-17 08:46:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 33.828 ms

Loss rate: 0.73%

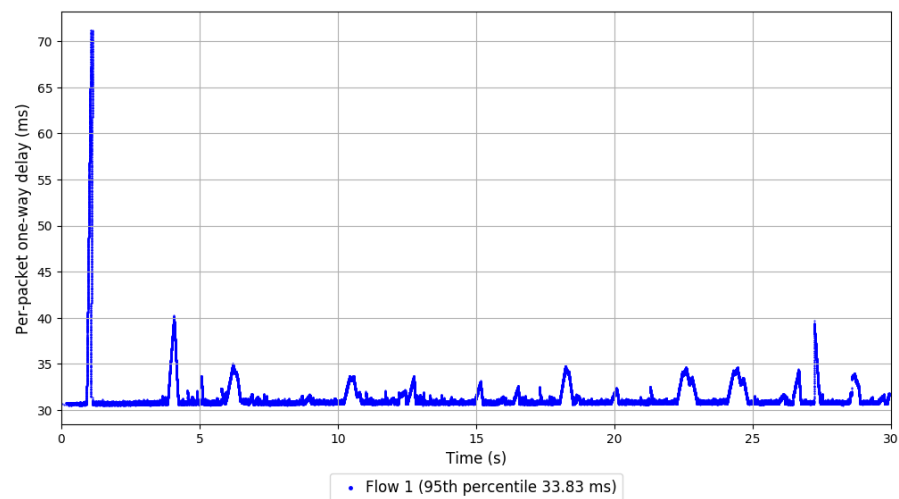
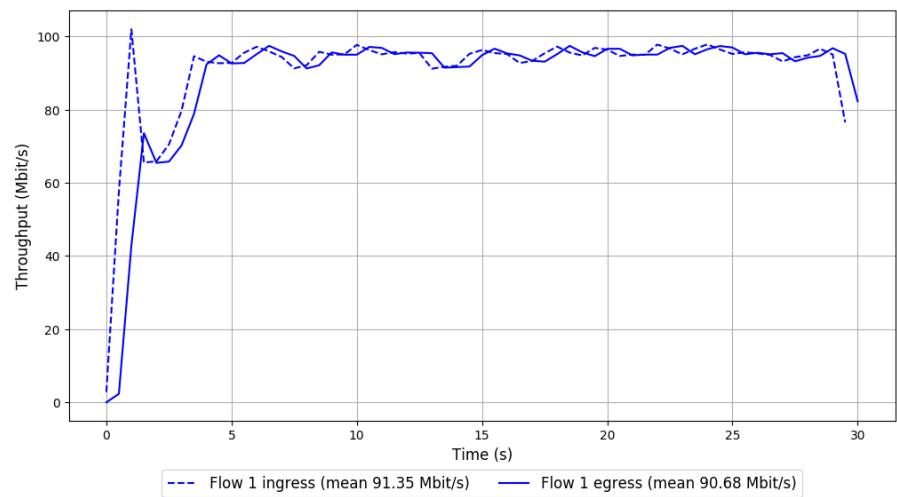
-- Flow 1:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 33.828 ms

Loss rate: 0.73%

Run 2: Report of PCC-Allegro — Data Link

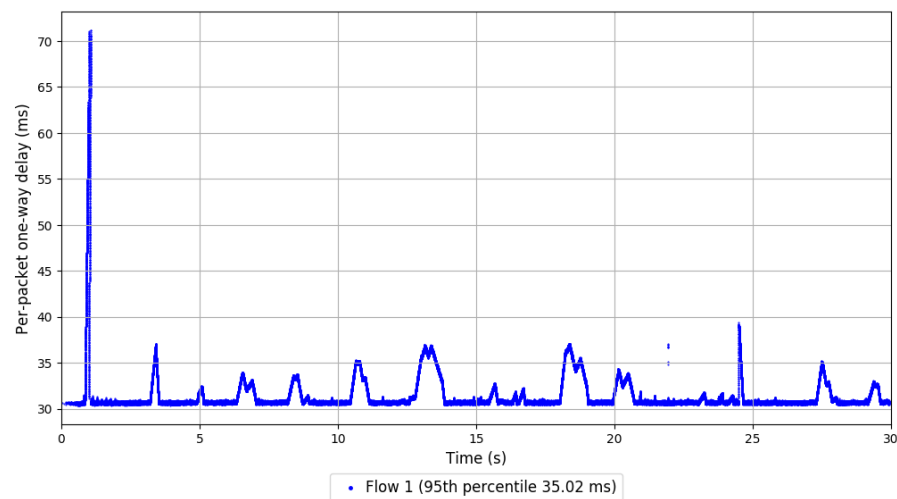
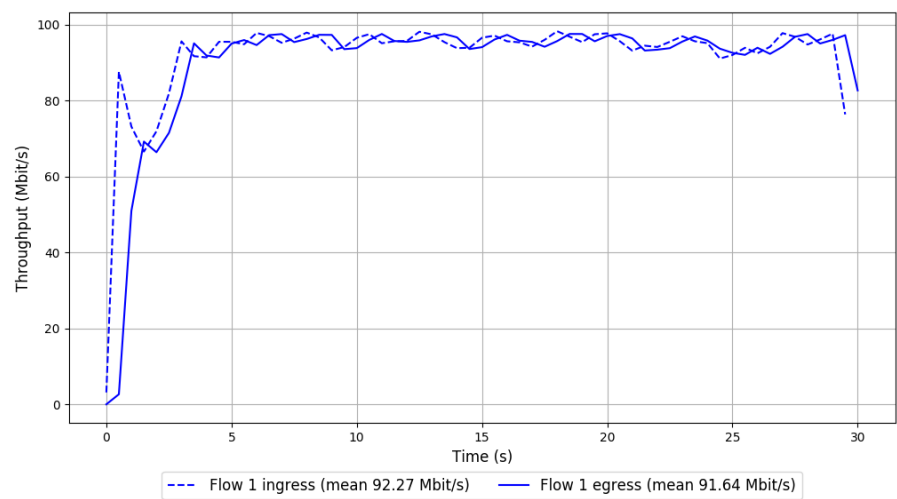


Run 3: Statistics of PCC-Allegro

Start at: 2019-01-17 07:35:11
End at: 2019-01-17 07:35:41
Local clock offset: 1.236 ms
Remote clock offset: -3.257 ms

Below is generated by plot.py at 2019-01-17 08:46:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 35.019 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 35.019 ms
Loss rate: 0.69%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-01-17 08:00:46

End at: 2019-01-17 08:01:16

Local clock offset: 0.583 ms

Remote clock offset: -3.048 ms

Below is generated by plot.py at 2019-01-17 08:46:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 37.497 ms

Loss rate: 0.70%

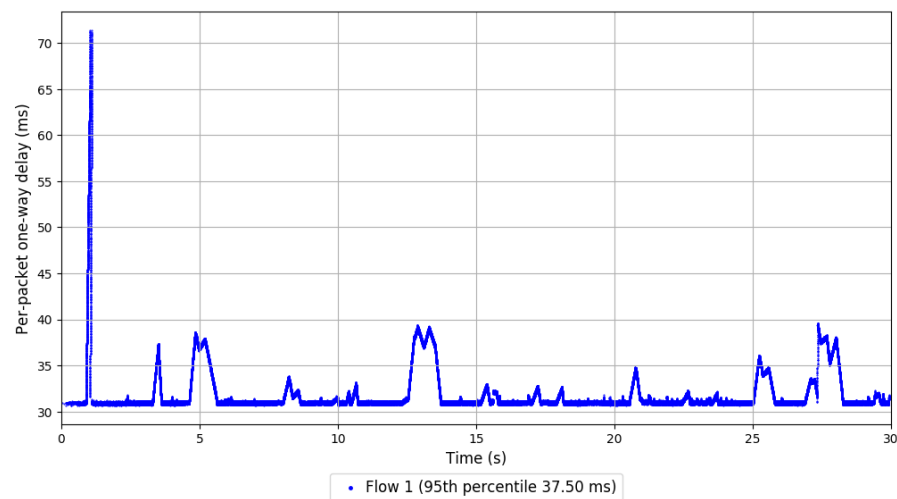
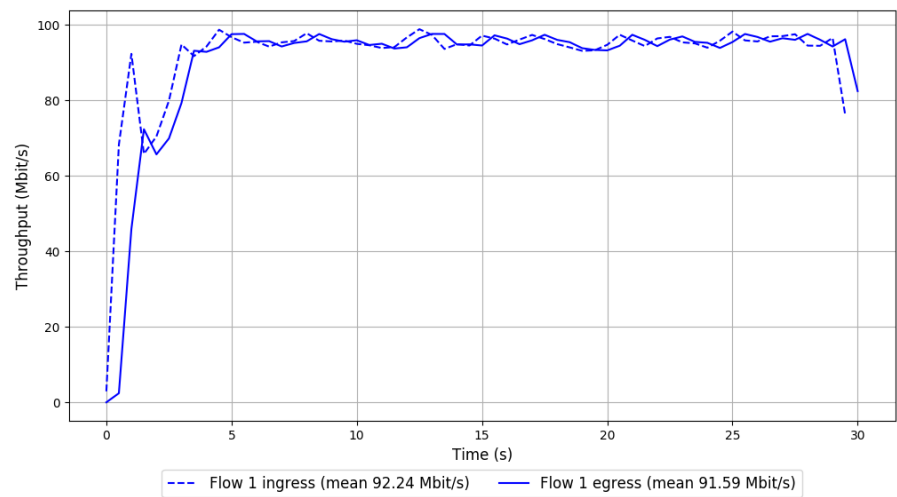
-- Flow 1:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 37.497 ms

Loss rate: 0.70%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-01-17 08:26:20

End at: 2019-01-17 08:26:50

Local clock offset: 0.449 ms

Remote clock offset: -3.205 ms

Below is generated by plot.py at 2019-01-17 08:47:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 33.844 ms

Loss rate: 0.70%

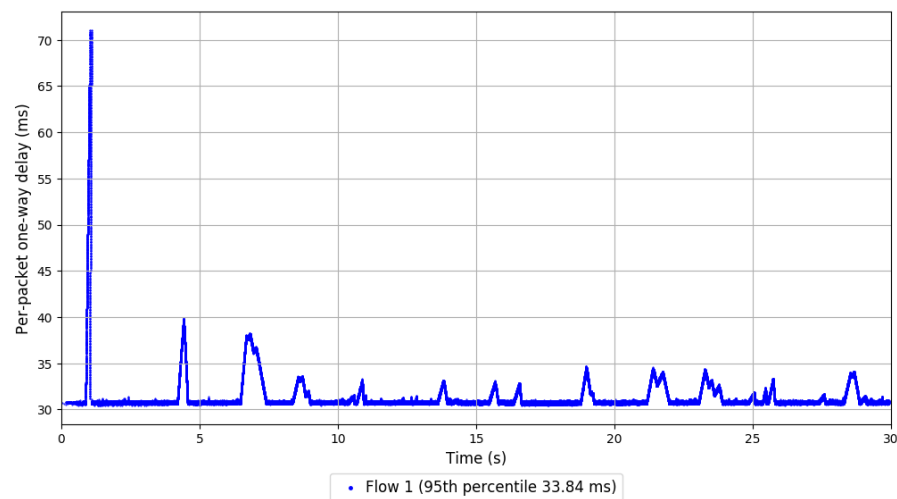
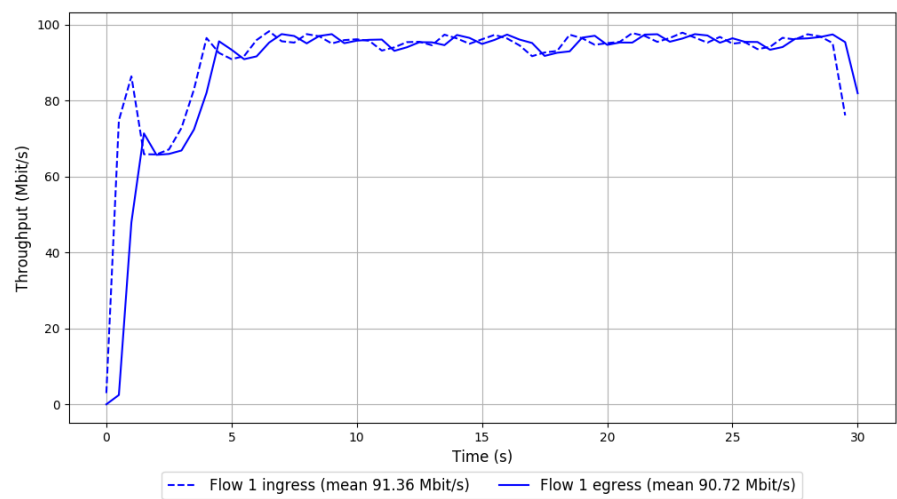
-- Flow 1:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 33.844 ms

Loss rate: 0.70%

Run 5: Report of PCC-Allegro — Data Link

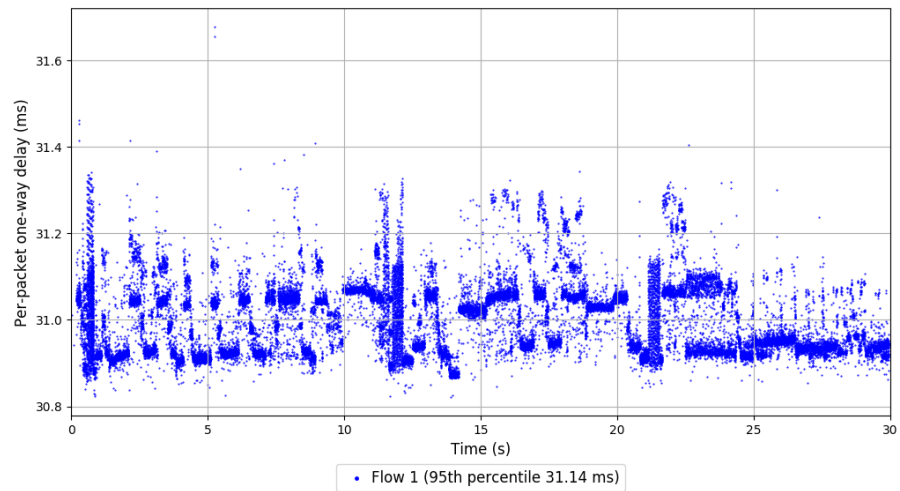
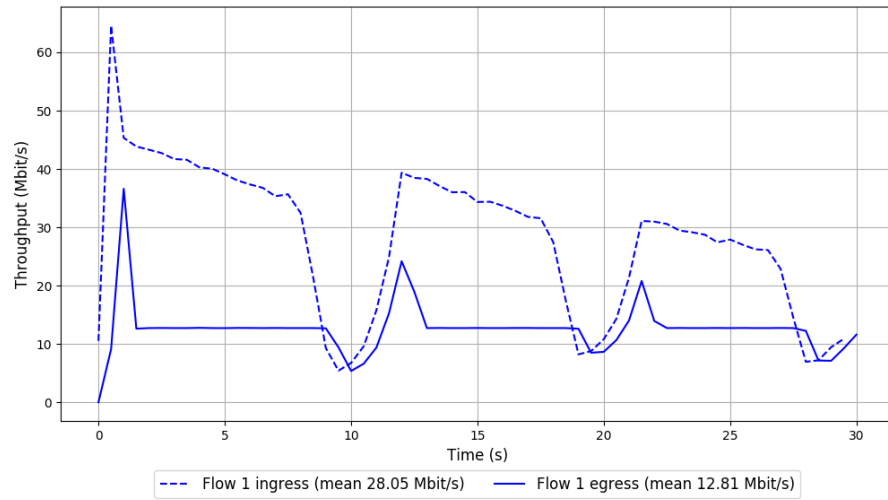


Run 1: Statistics of PCC-Expr

Start at: 2019-01-17 06:38:19
End at: 2019-01-17 06:38:49
Local clock offset: -2.756 ms
Remote clock offset: -2.943 ms

Below is generated by plot.py at 2019-01-17 08:47:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 54.33%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 54.33%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

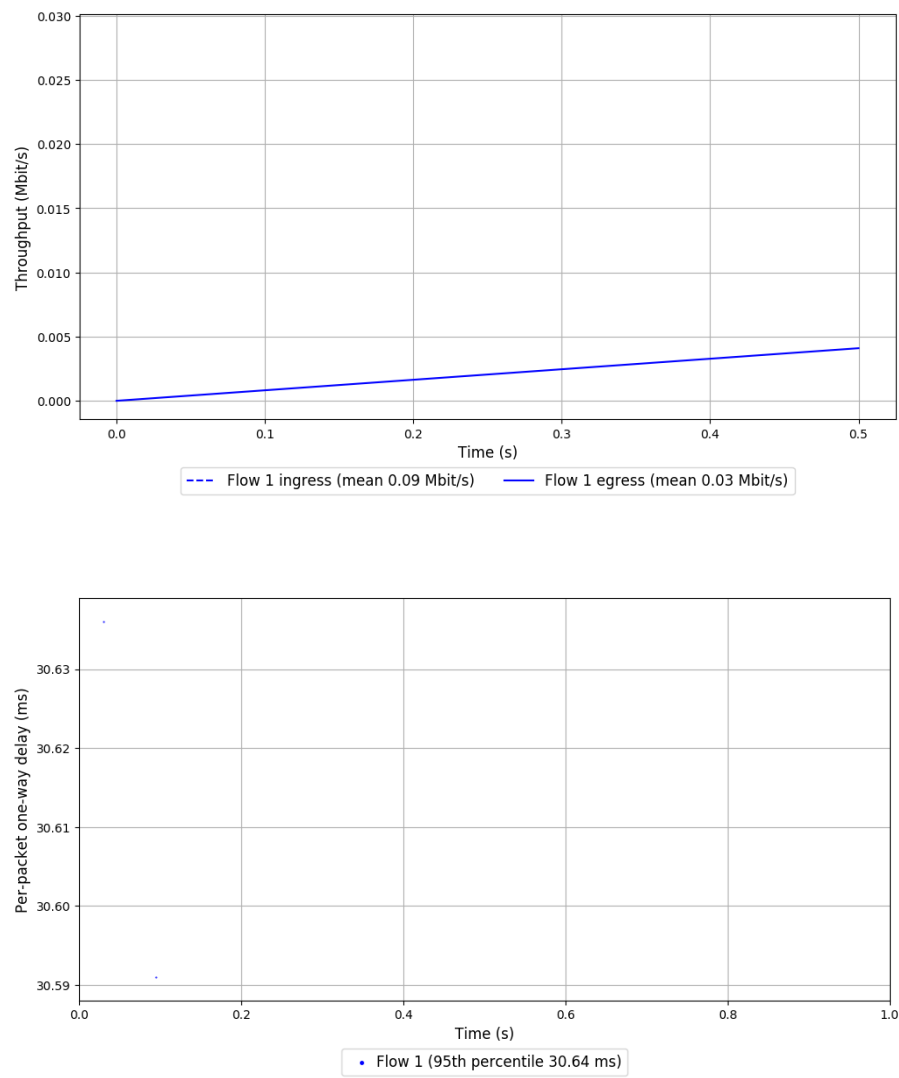
Start at: 2019-01-17 07:03:35

End at: 2019-01-17 07:04:05

Local clock offset: 0.761 ms

Remote clock offset: -3.309 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

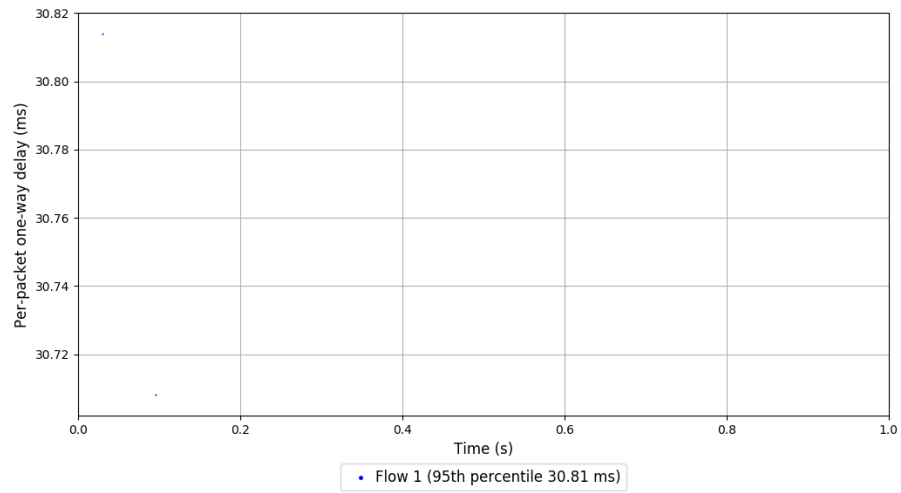
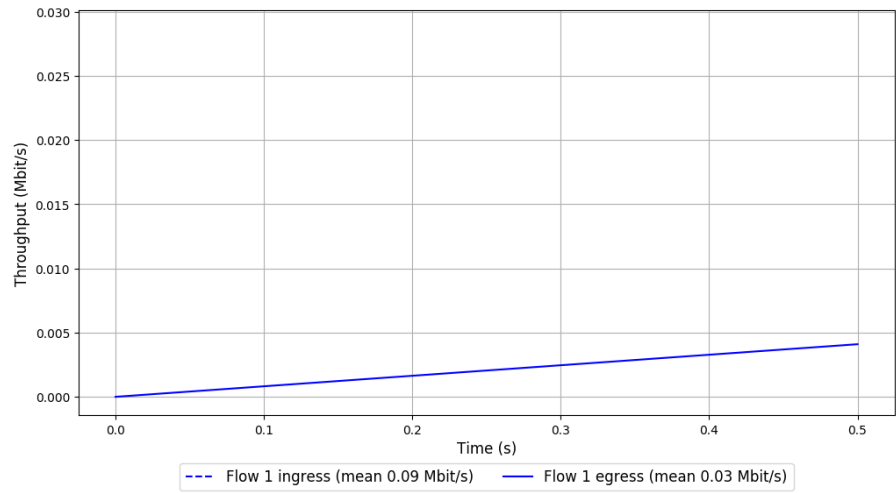
Start at: 2019-01-17 07:28:55

End at: 2019-01-17 07:29:25

Local clock offset: 1.239 ms

Remote clock offset: -3.027 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

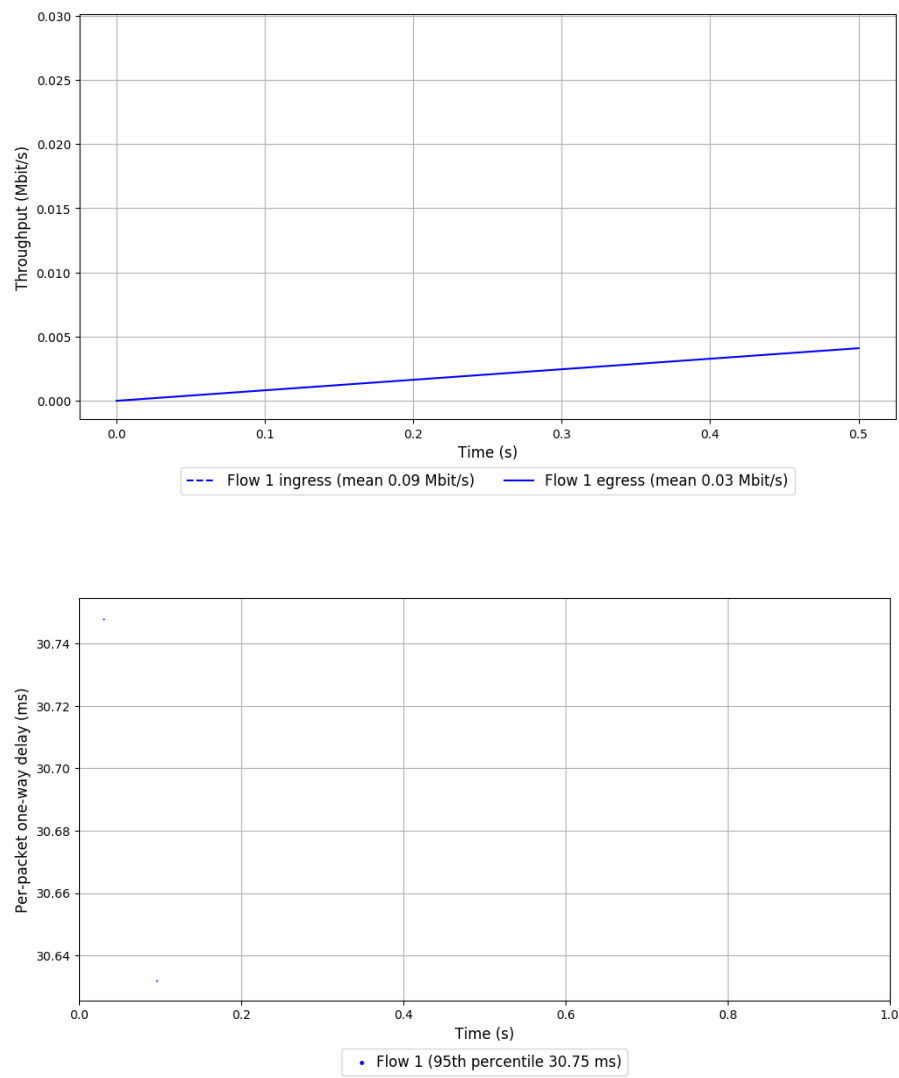
Start at: 2019-01-17 07:54:26

End at: 2019-01-17 07:54:56

Local clock offset: 0.94 ms

Remote clock offset: -3.01 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

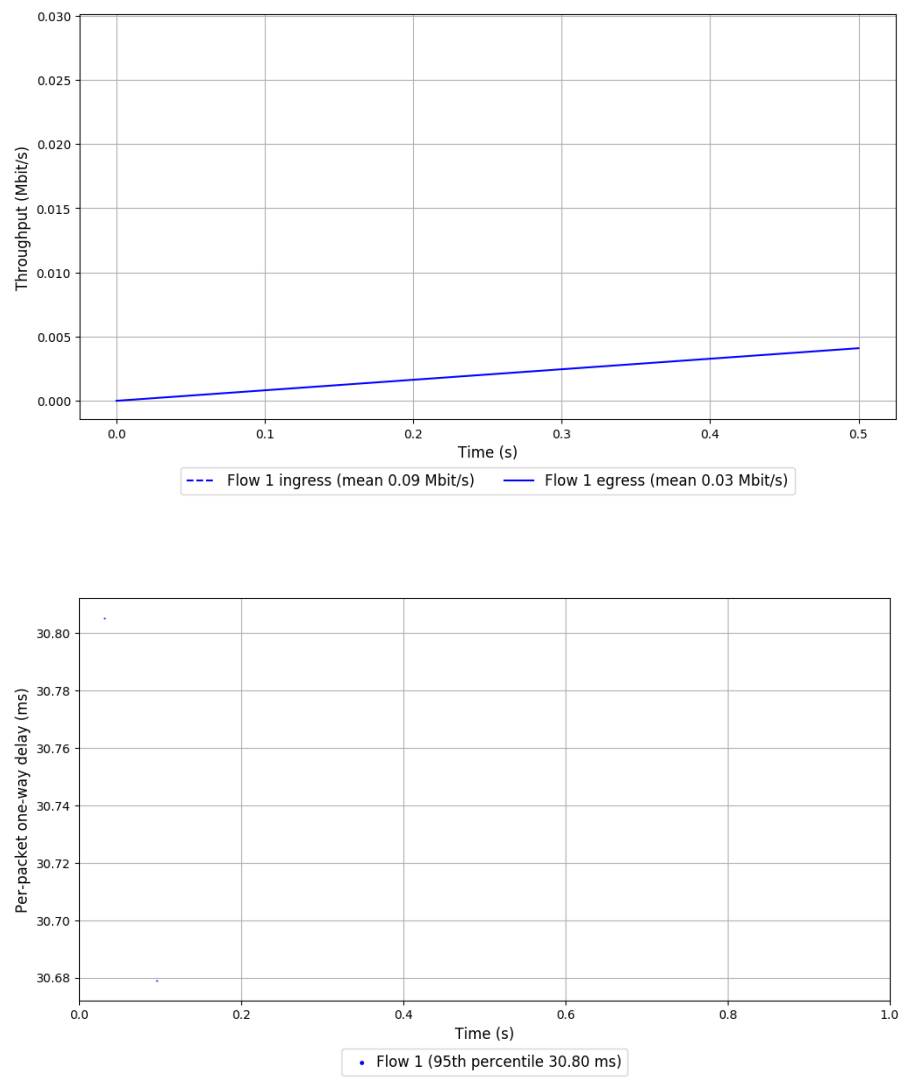
Start at: 2019-01-17 08:19:58

End at: 2019-01-17 08:20:28

Local clock offset: 0.569 ms

Remote clock offset: -3.053 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-01-17 06:50:53

End at: 2019-01-17 06:51:23

Local clock offset: -1.42 ms

Remote clock offset: -3.081 ms

Below is generated by plot.py at 2019-01-17 08:47:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 66.832 ms

Loss rate: 1.78%

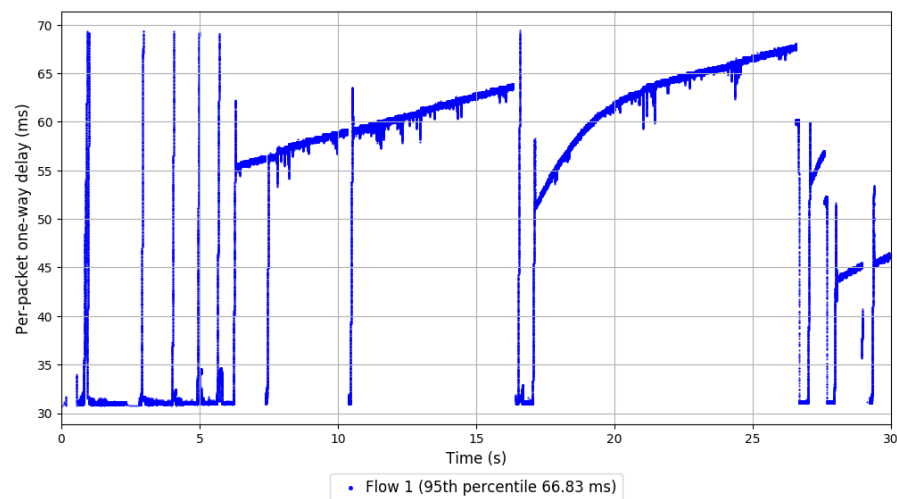
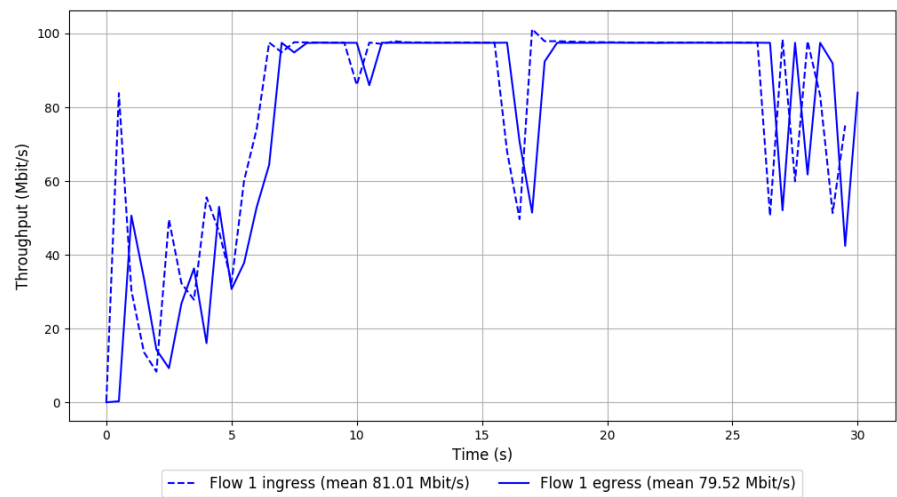
-- Flow 1:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 66.832 ms

Loss rate: 1.78%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-01-17 07:15:52

End at: 2019-01-17 07:16:22

Local clock offset: 1.773 ms

Remote clock offset: -3.095 ms

Below is generated by plot.py at 2019-01-17 08:47:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.00 Mbit/s

95th percentile per-packet one-way delay: 67.669 ms

Loss rate: 1.77%

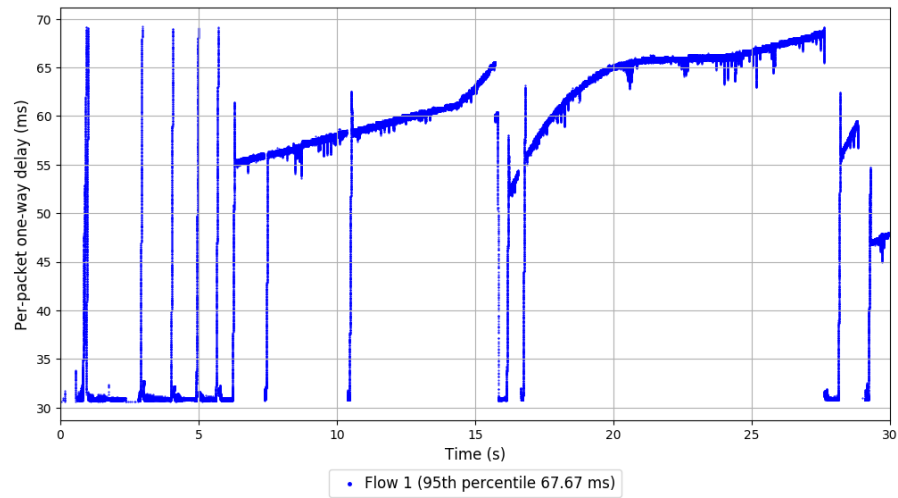
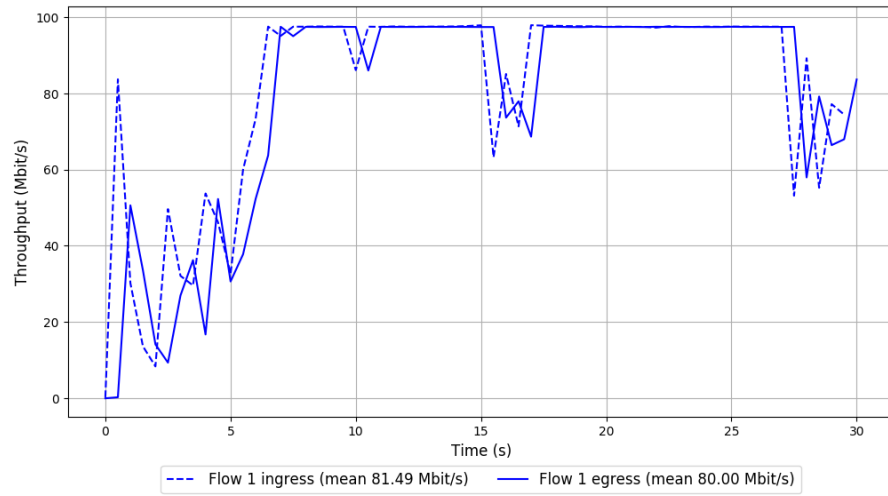
-- Flow 1:

Average throughput: 80.00 Mbit/s

95th percentile per-packet one-way delay: 67.669 ms

Loss rate: 1.77%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-01-17 07:41:02

End at: 2019-01-17 07:41:32

Local clock offset: 1.458 ms

Remote clock offset: -3.001 ms

Below is generated by plot.py at 2019-01-17 08:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.70 Mbit/s

95th percentile per-packet one-way delay: 63.136 ms

Loss rate: 0.77%

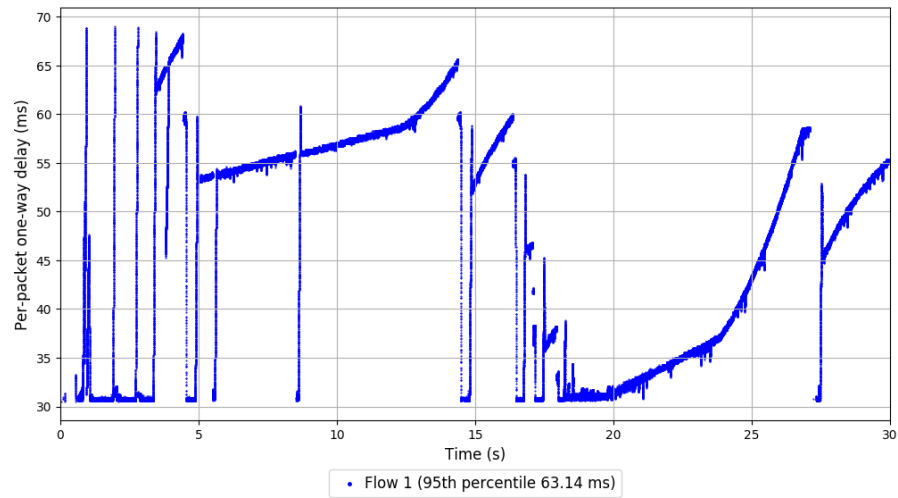
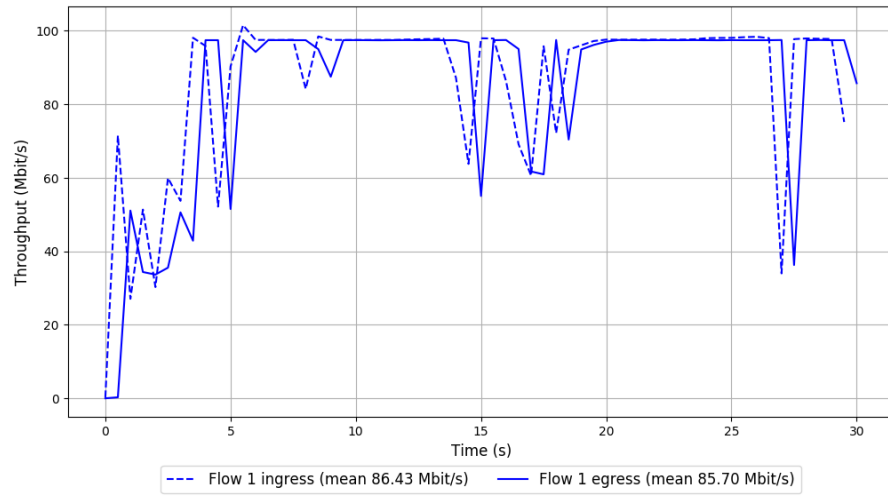
-- Flow 1:

Average throughput: 85.70 Mbit/s

95th percentile per-packet one-way delay: 63.136 ms

Loss rate: 0.77%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-01-17 08:06:40

End at: 2019-01-17 08:07:10

Local clock offset: 0.622 ms

Remote clock offset: -3.006 ms

Below is generated by plot.py at 2019-01-17 08:47:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.63 Mbit/s

95th percentile per-packet one-way delay: 67.678 ms

Loss rate: 1.97%

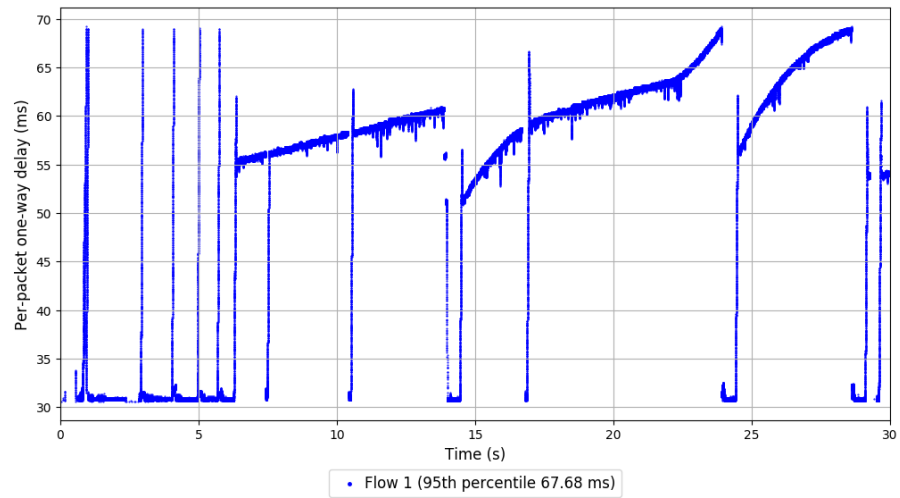
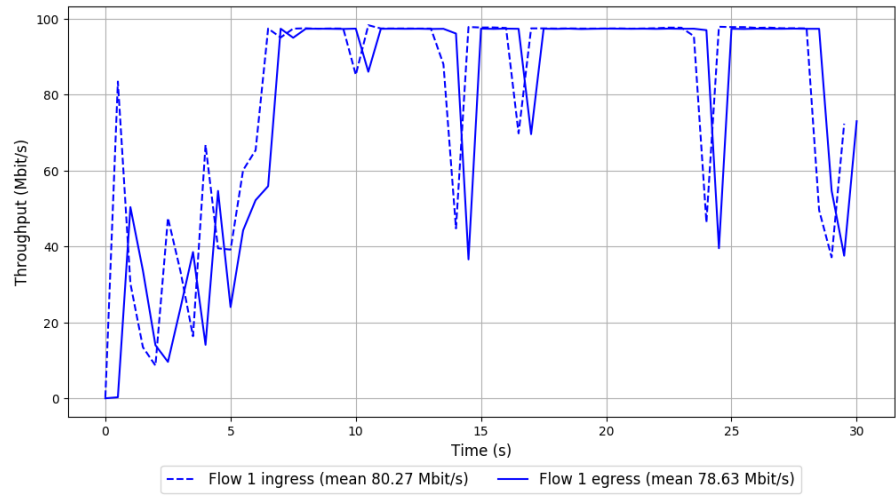
-- Flow 1:

Average throughput: 78.63 Mbit/s

95th percentile per-packet one-way delay: 67.678 ms

Loss rate: 1.97%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-01-17 08:32:09

End at: 2019-01-17 08:32:39

Local clock offset: 0.292 ms

Remote clock offset: -3.241 ms

Below is generated by plot.py at 2019-01-17 08:47:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.03 Mbit/s

95th percentile per-packet one-way delay: 65.920 ms

Loss rate: 1.76%

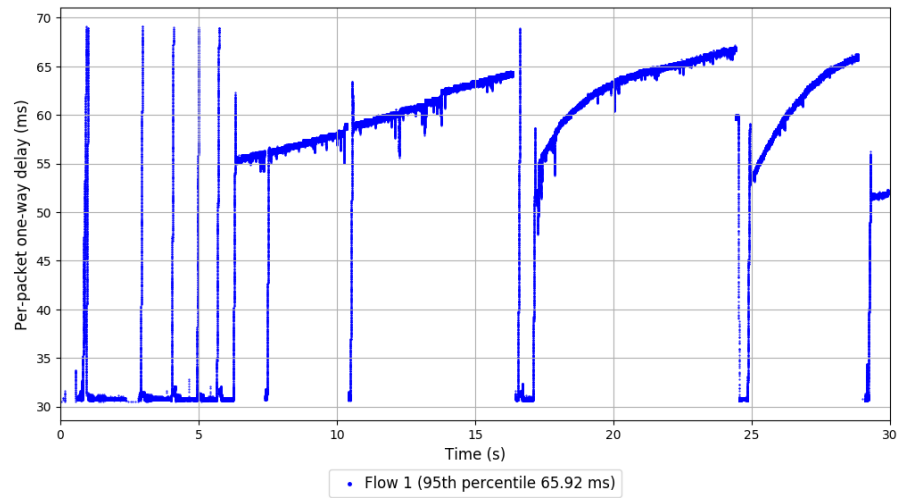
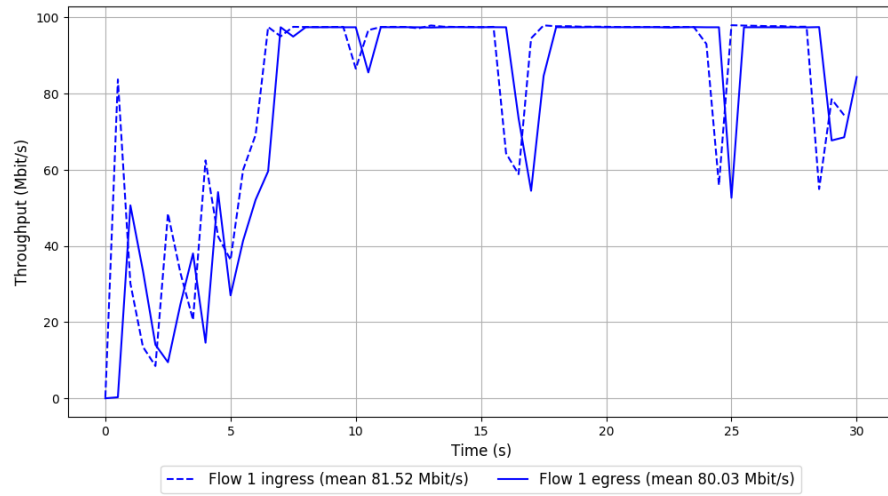
-- Flow 1:

Average throughput: 80.03 Mbit/s

95th percentile per-packet one-way delay: 65.920 ms

Loss rate: 1.76%

Run 5: Report of QUIC Cubic — Data Link

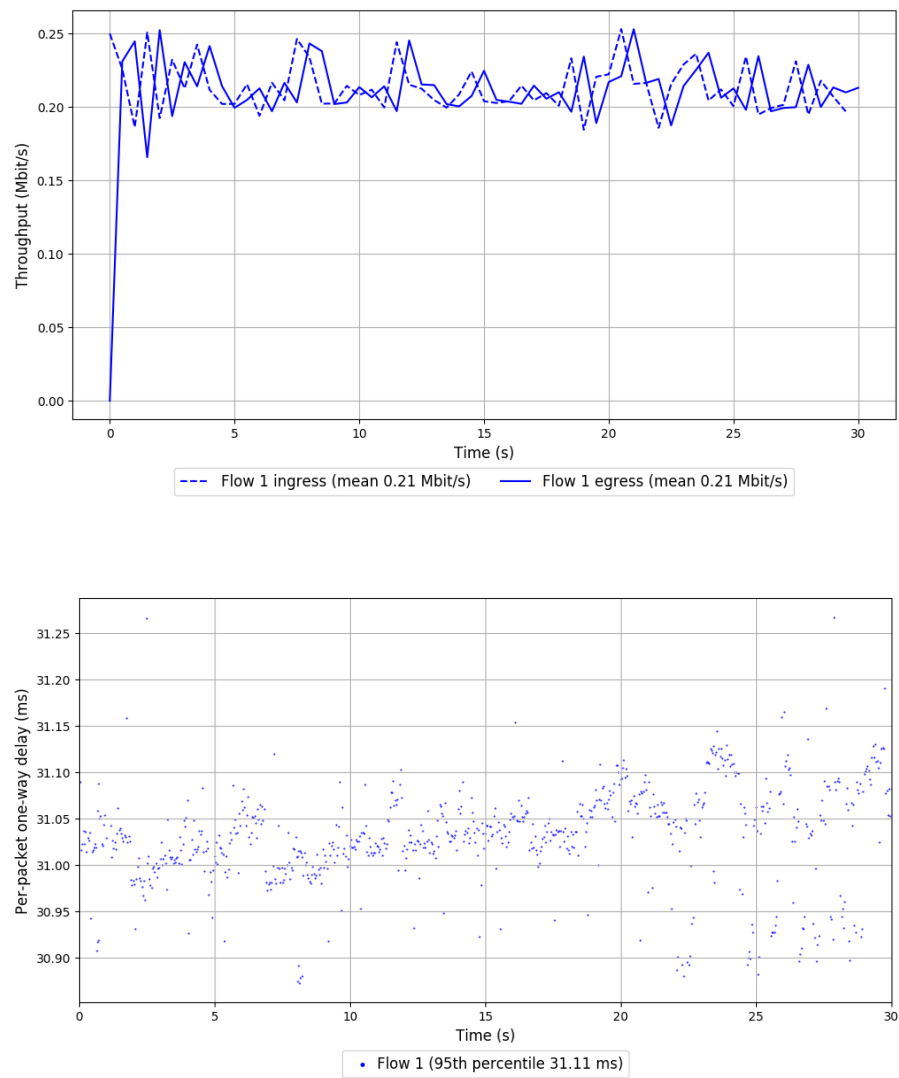


Run 1: Statistics of SCReAM

Start at: 2019-01-17 06:54:18
End at: 2019-01-17 06:54:48
Local clock offset: -0.573 ms
Remote clock offset: -3.058 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.111 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

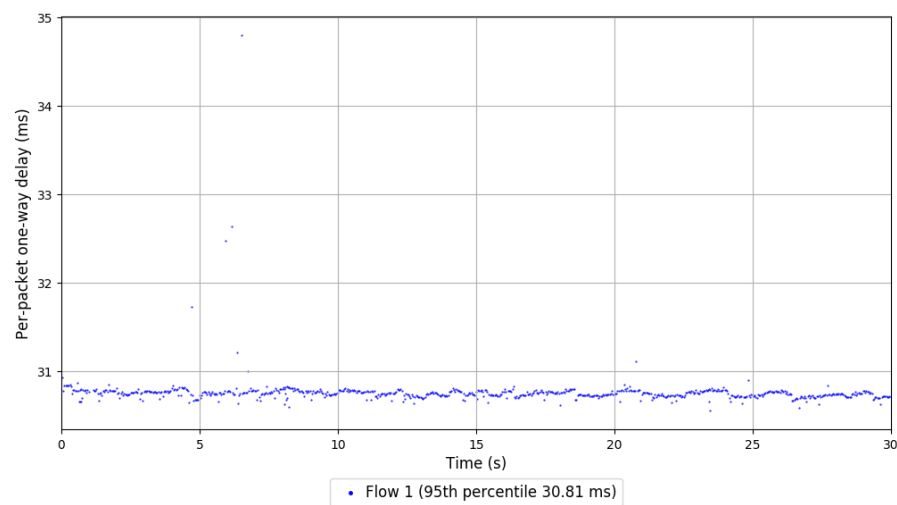
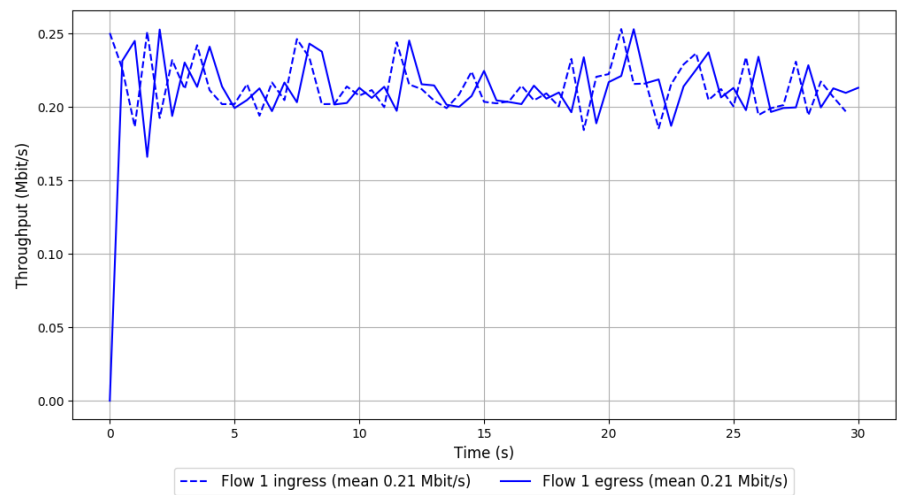


Run 2: Statistics of SCReAM

Start at: 2019-01-17 07:19:22
End at: 2019-01-17 07:19:52
Local clock offset: 1.786 ms
Remote clock offset: -3.117 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.806 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.806 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

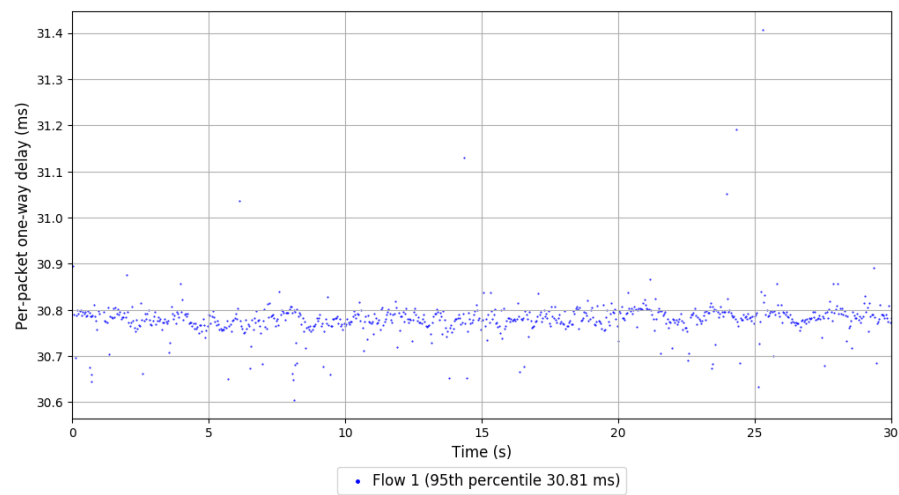
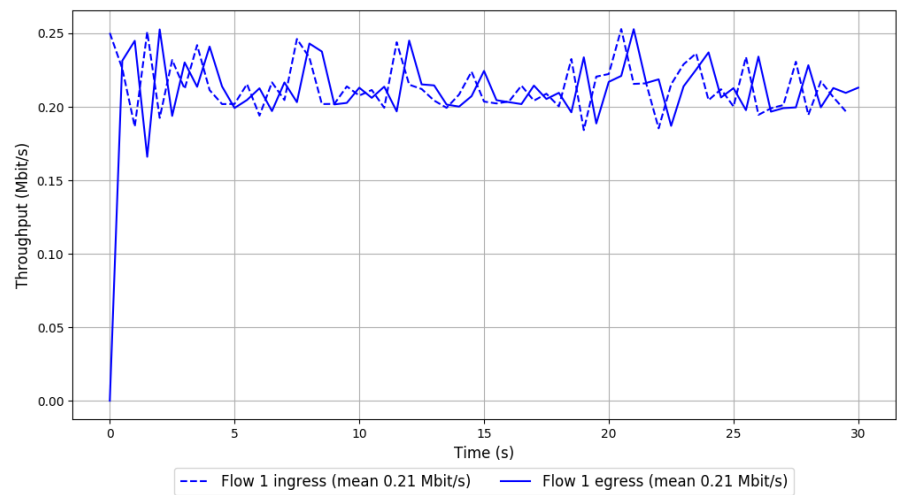


Run 3: Statistics of SCReAM

Start at: 2019-01-17 07:44:36
End at: 2019-01-17 07:45:06
Local clock offset: 1.496 ms
Remote clock offset: -3.087 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.814 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

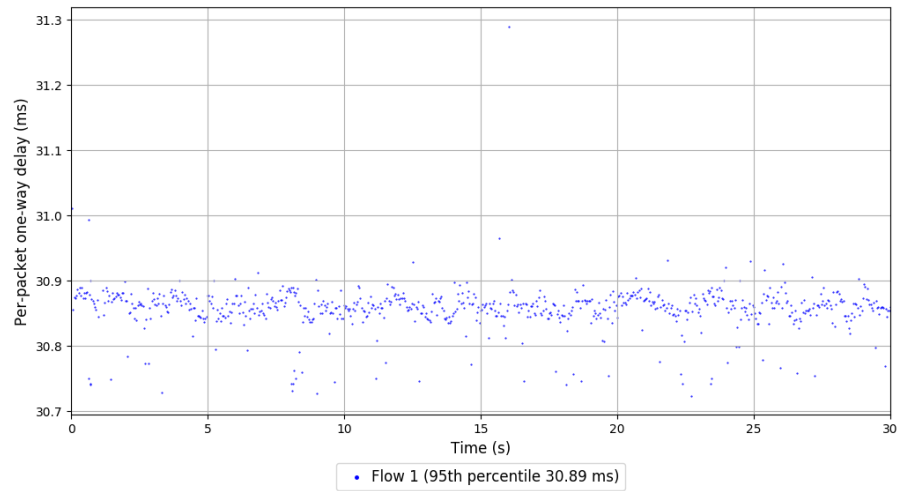
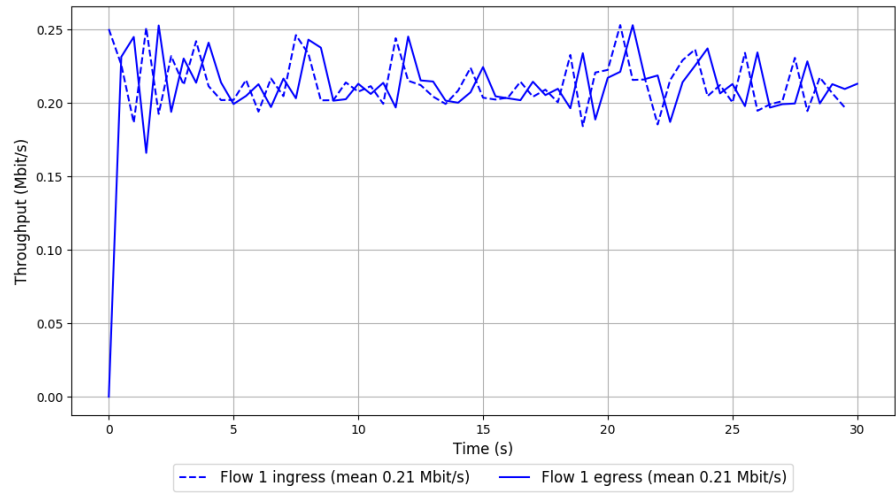


Run 4: Statistics of SCReAM

Start at: 2019-01-17 08:10:15
End at: 2019-01-17 08:10:45
Local clock offset: 0.62 ms
Remote clock offset: -3.054 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.890 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

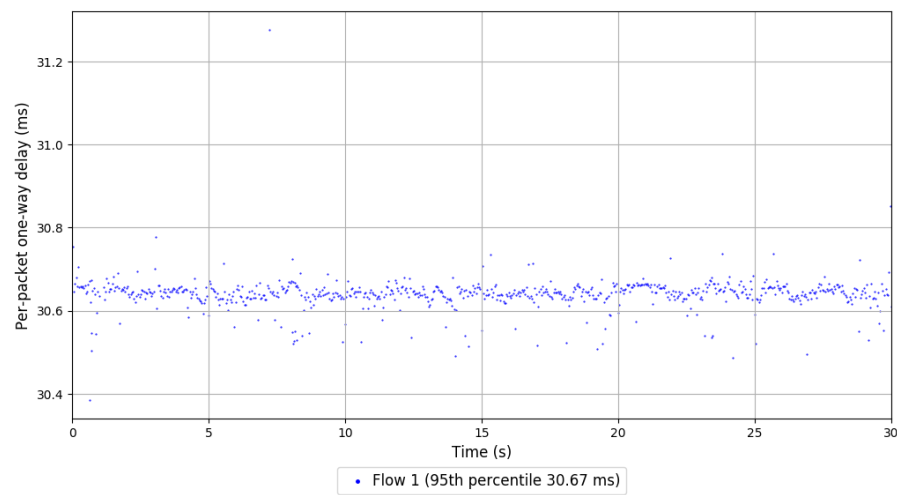
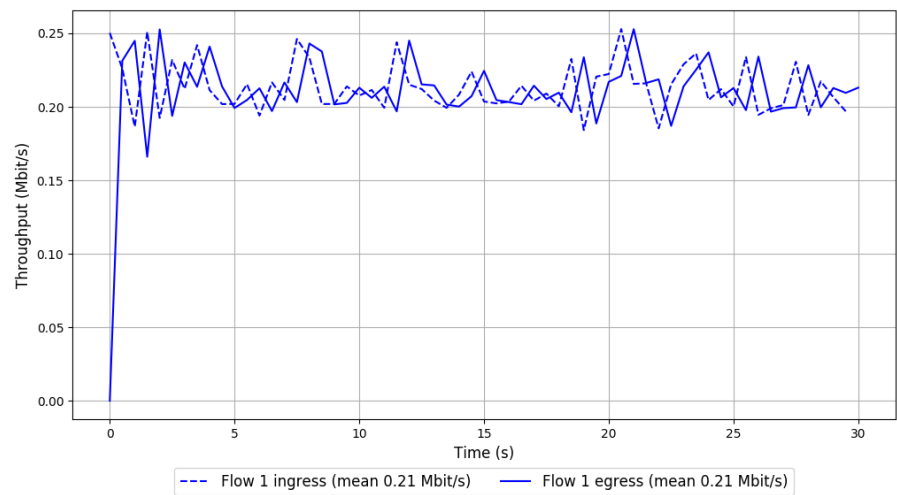


Run 5: Statistics of SCReAM

Start at: 2019-01-17 08:35:36
End at: 2019-01-17 08:36:06
Local clock offset: 0.295 ms
Remote clock offset: -3.461 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.673 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

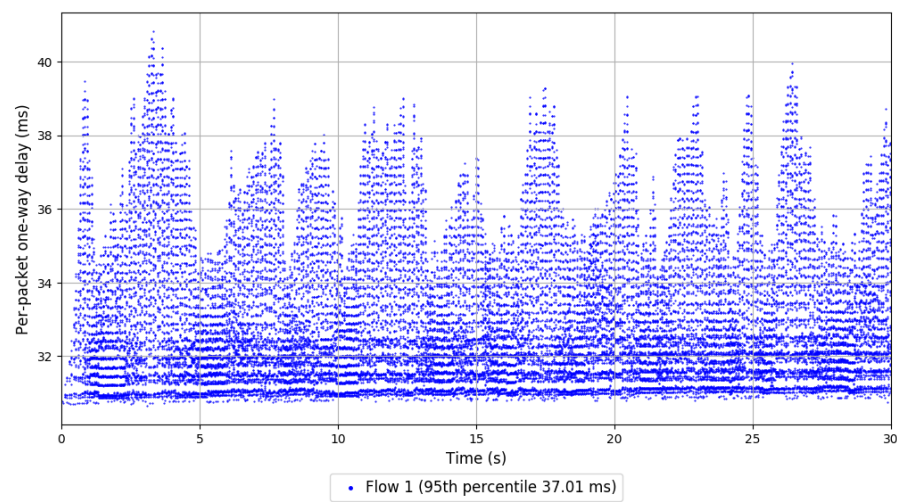
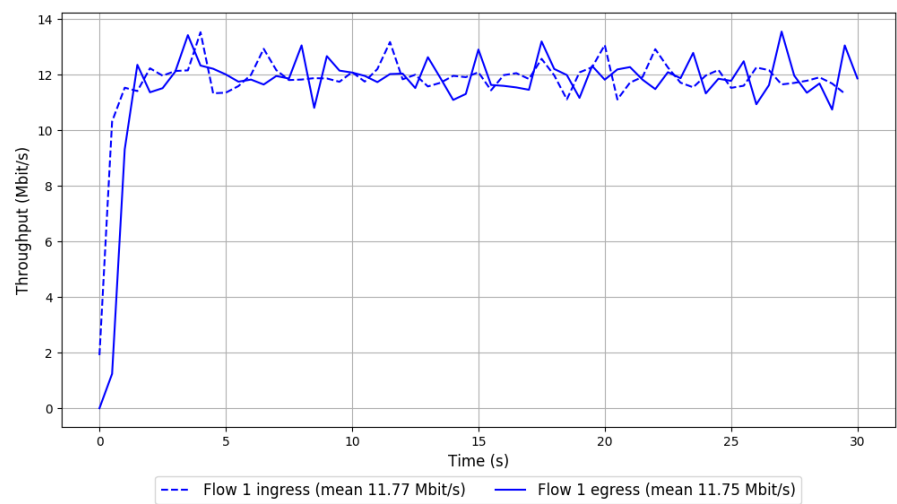


Run 1: Statistics of Sprout

Start at: 2019-01-17 06:49:47
End at: 2019-01-17 06:50:17
Local clock offset: -1.69 ms
Remote clock offset: -3.288 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 37.006 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 37.006 ms
Loss rate: 0.13%

Run 1: Report of Sprout — Data Link

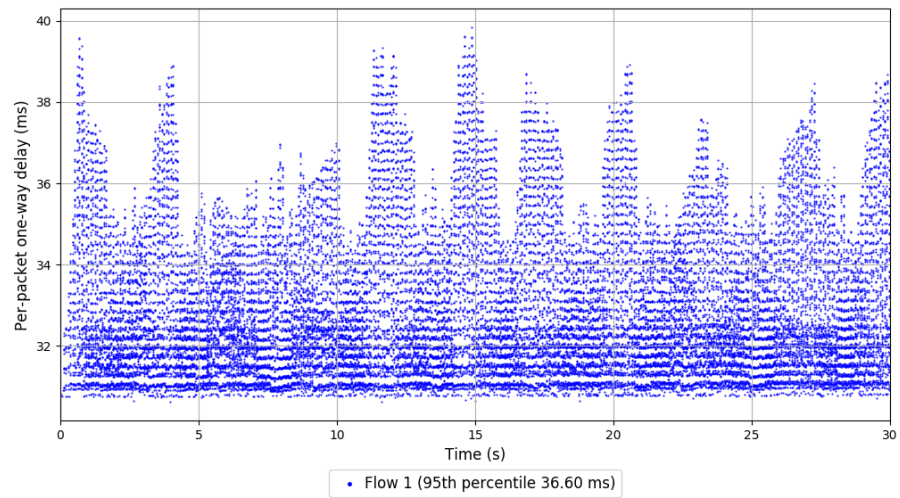
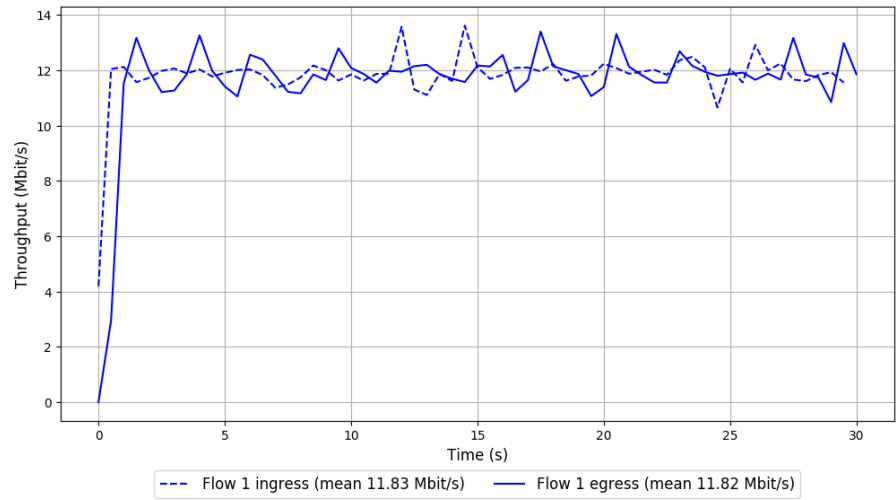


Run 2: Statistics of Sprout

Start at: 2019-01-17 07:14:46
End at: 2019-01-17 07:15:16
Local clock offset: 1.69 ms
Remote clock offset: -3.143 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 36.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 36.597 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

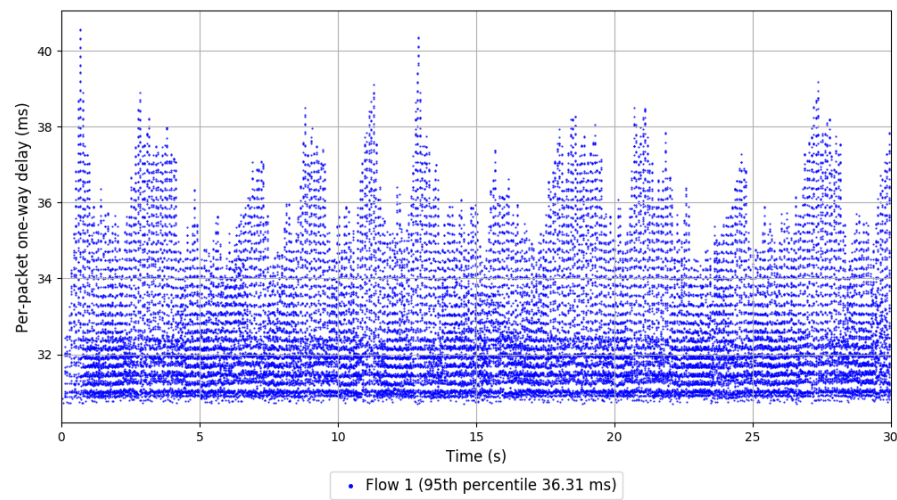
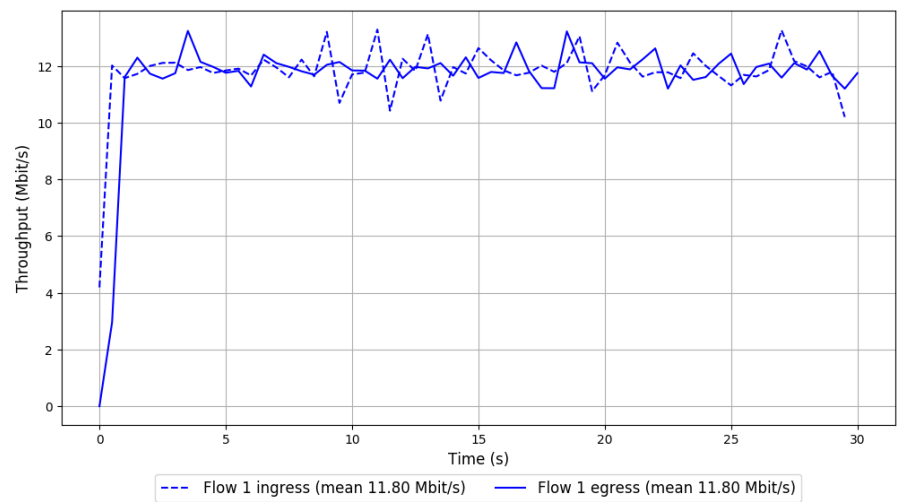


Run 3: Statistics of Sprout

Start at: 2019-01-17 07:39:54
End at: 2019-01-17 07:40:24
Local clock offset: 1.421 ms
Remote clock offset: -2.995 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 36.306 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 36.306 ms
Loss rate: 0.02%

Run 3: Report of Sprout — Data Link

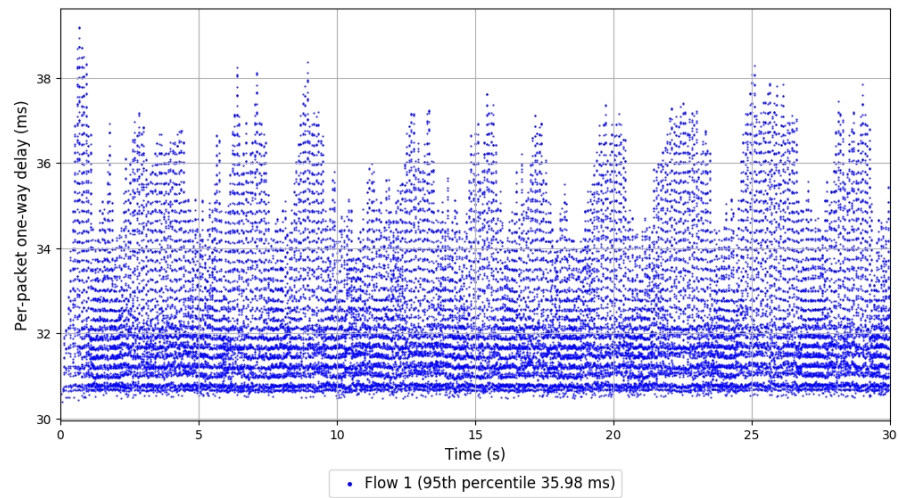
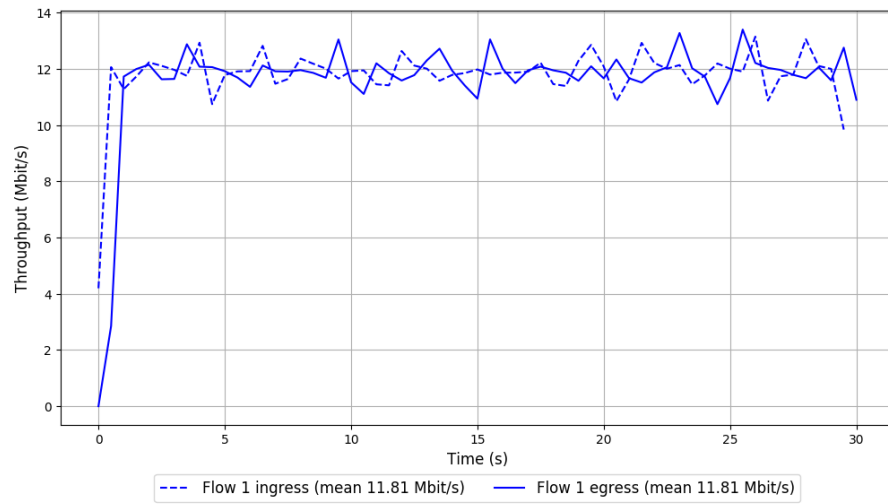


Run 4: Statistics of Sprout

Start at: 2019-01-17 08:05:34
End at: 2019-01-17 08:06:04
Local clock offset: 0.625 ms
Remote clock offset: -3.215 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 35.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 35.985 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

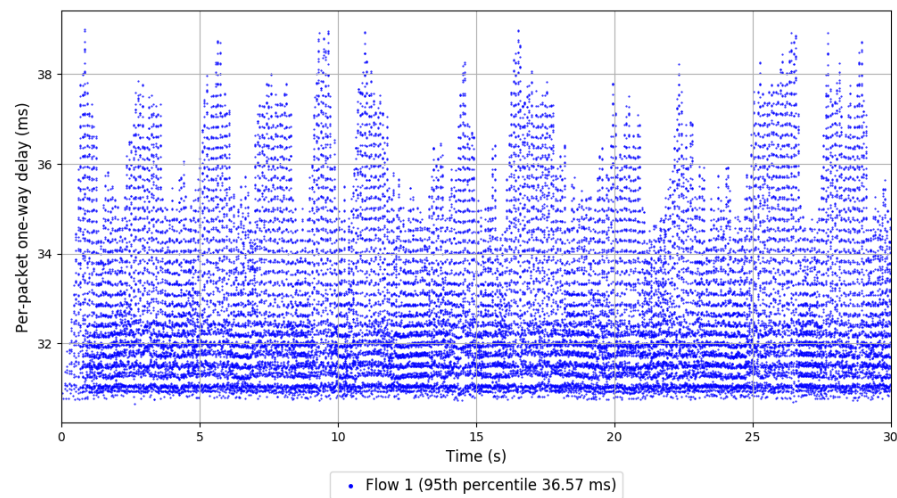
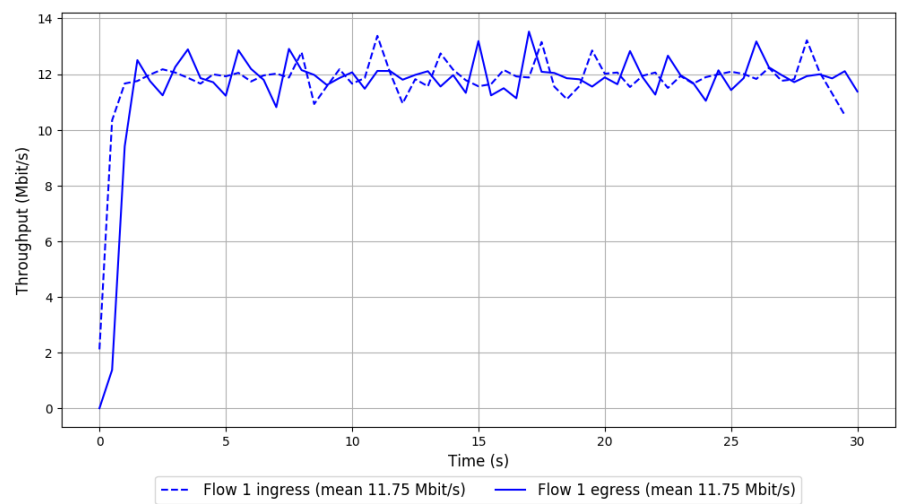


Run 5: Statistics of Sprout

Start at: 2019-01-17 08:31:02
End at: 2019-01-17 08:31:33
Local clock offset: 0.295 ms
Remote clock offset: -3.202 ms

Below is generated by plot.py at 2019-01-17 08:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 36.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 36.572 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

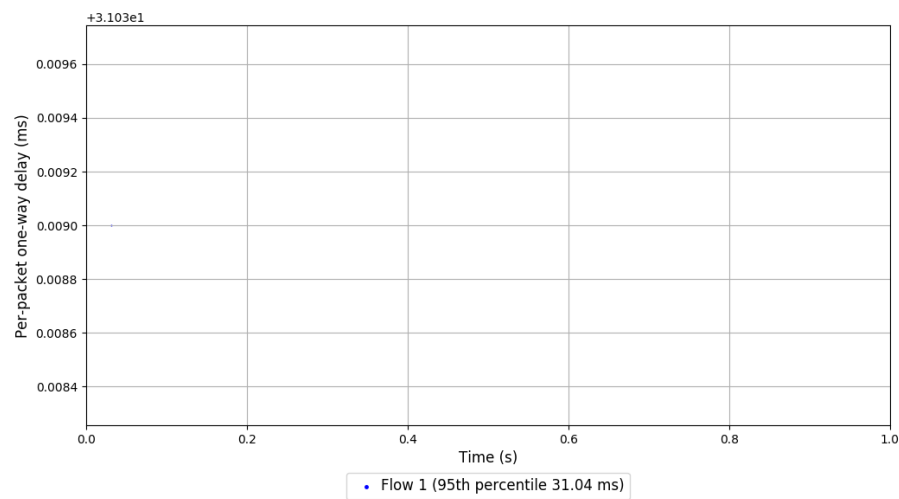
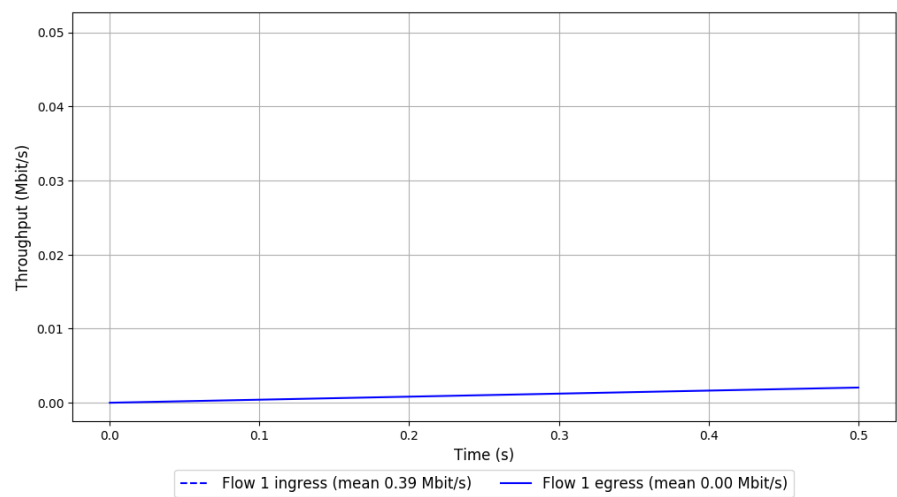
Start at: 2019-01-17 06:52:03

End at: 2019-01-17 06:52:33

Local clock offset: -1.078 ms

Remote clock offset: -3.07 ms

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



Run 2: Statistics of TaoVA-100x

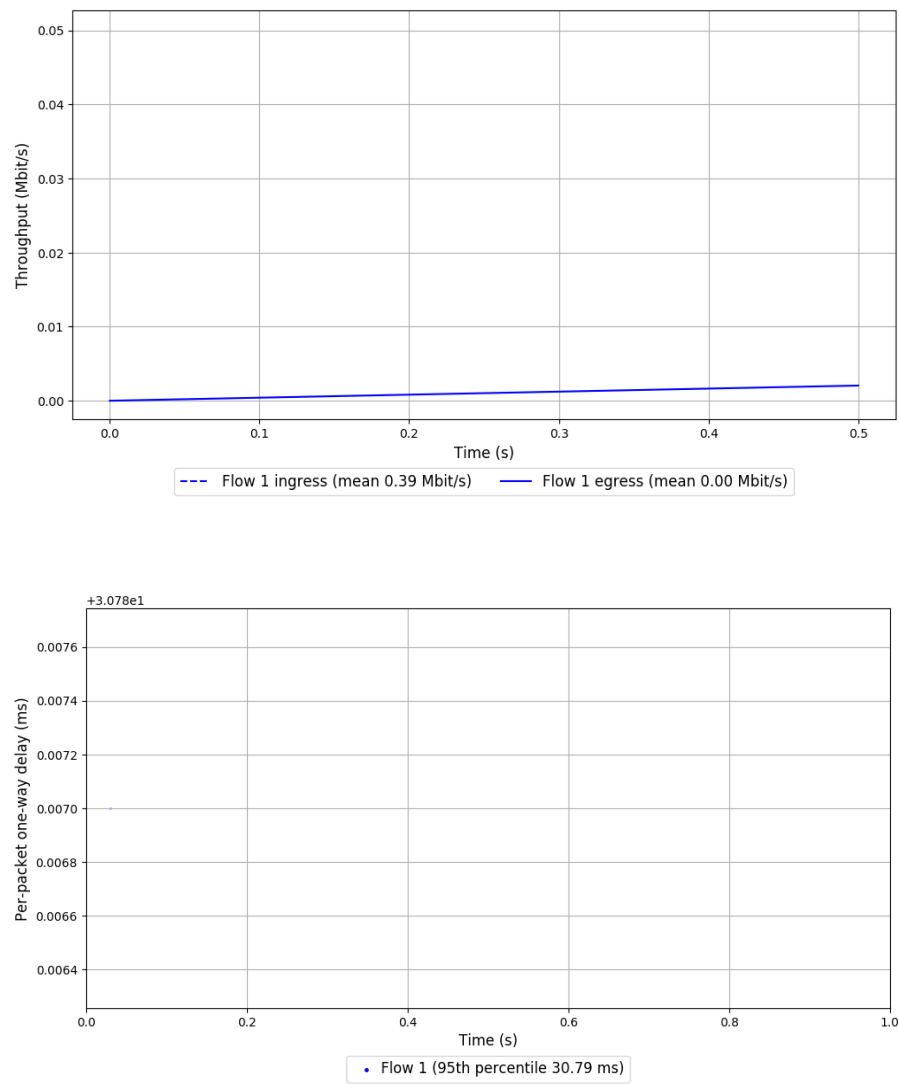
Start at: 2019-01-17 07:17:03

End at: 2019-01-17 07:17:33

Local clock offset: 1.832 ms

Remote clock offset: -3.108 ms

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



Run 3: Statistics of TaoVA-100x

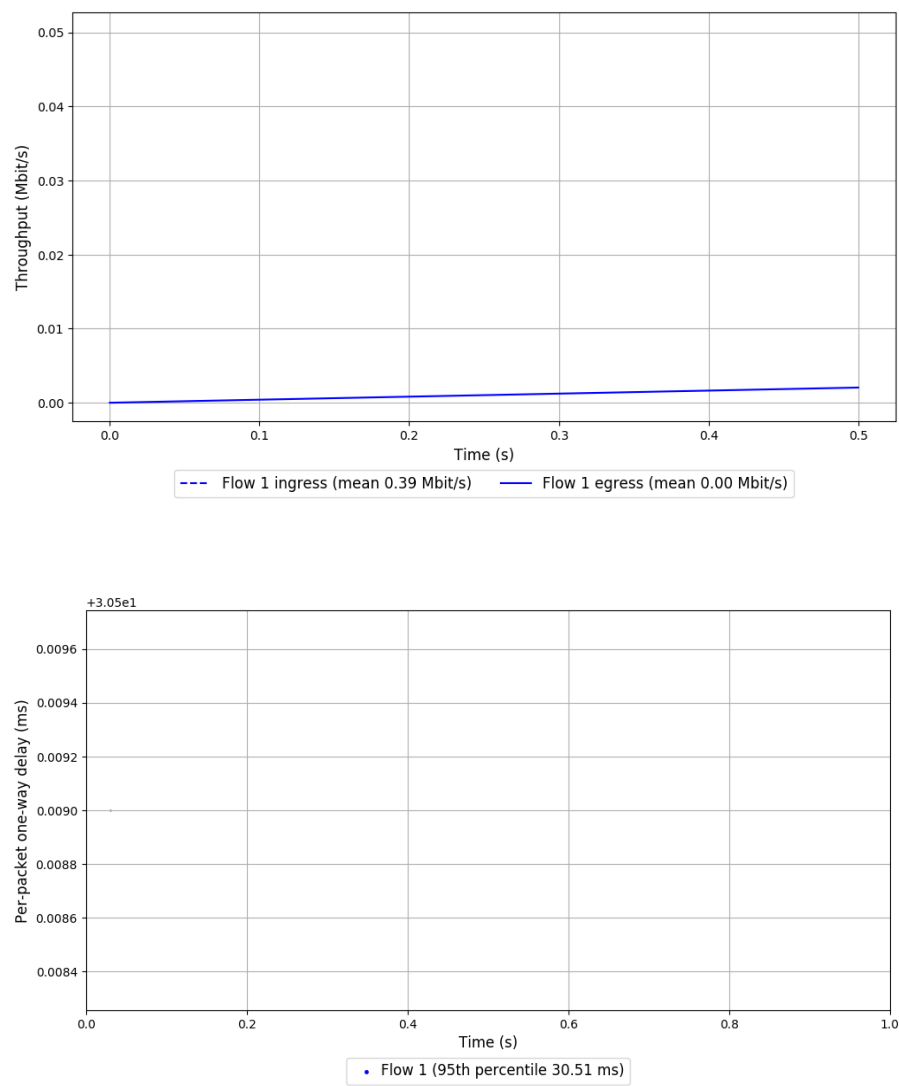
Start at: 2019-01-17 07:42:17

End at: 2019-01-17 07:42:47

Local clock offset: 1.474 ms

Remote clock offset: -3.237 ms

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



Run 4: Statistics of TaoVA-100x

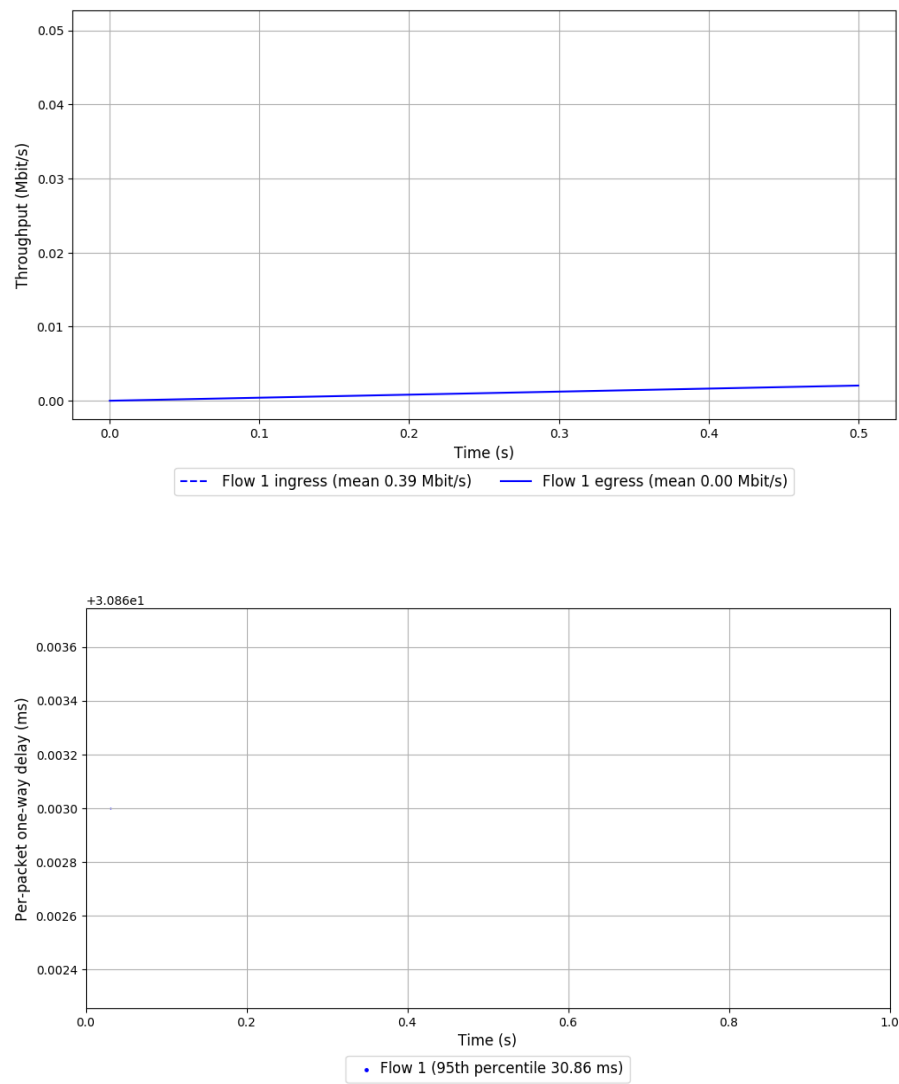
Start at: 2019-01-17 08:07:56

End at: 2019-01-17 08:08:26

Local clock offset: 0.602 ms

Remote clock offset: -2.989 ms

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



Run 5: Statistics of TaoVA-100x

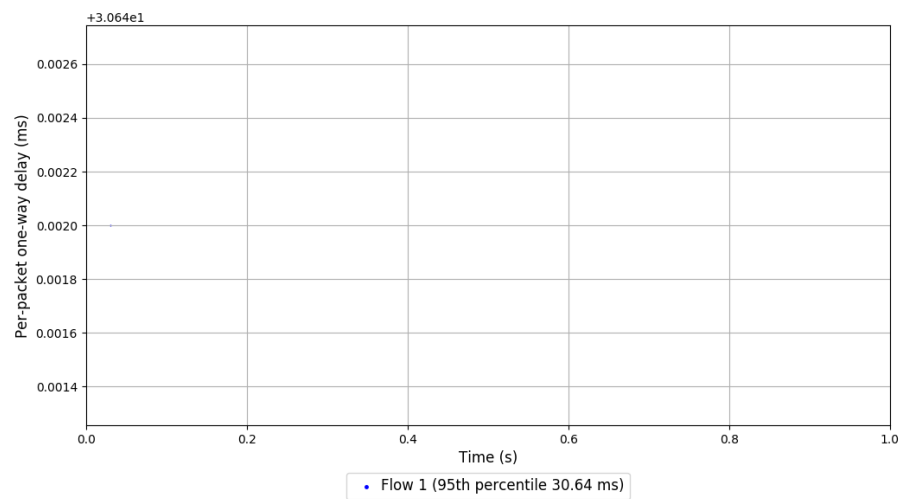
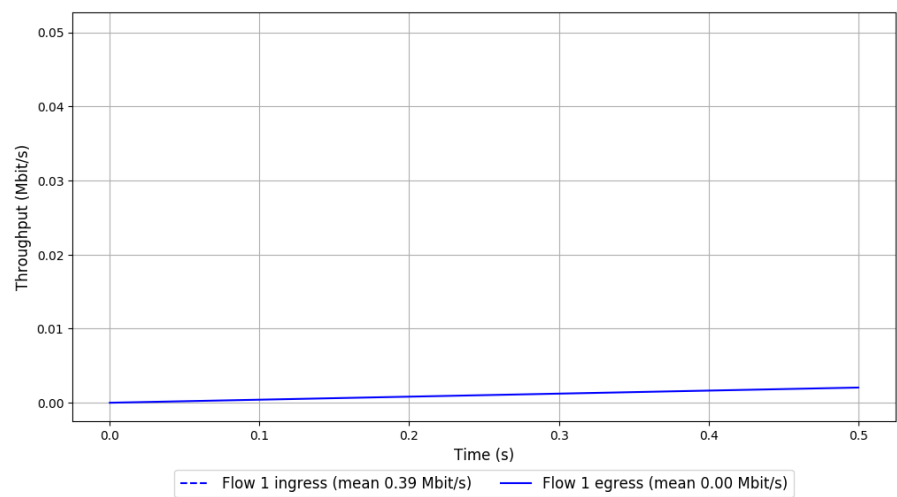
Start at: 2019-01-17 08:33:21

End at: 2019-01-17 08:33:51

Local clock offset: 0.28 ms

Remote clock offset: -3.421 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-01-17 06:34:40

End at: 2019-01-17 06:35:10

Local clock offset: -2.987 ms

Remote clock offset: -2.94 ms

Below is generated by plot.py at 2019-01-17 08:47:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.66 Mbit/s

95th percentile per-packet one-way delay: 42.574 ms

Loss rate: 0.45%

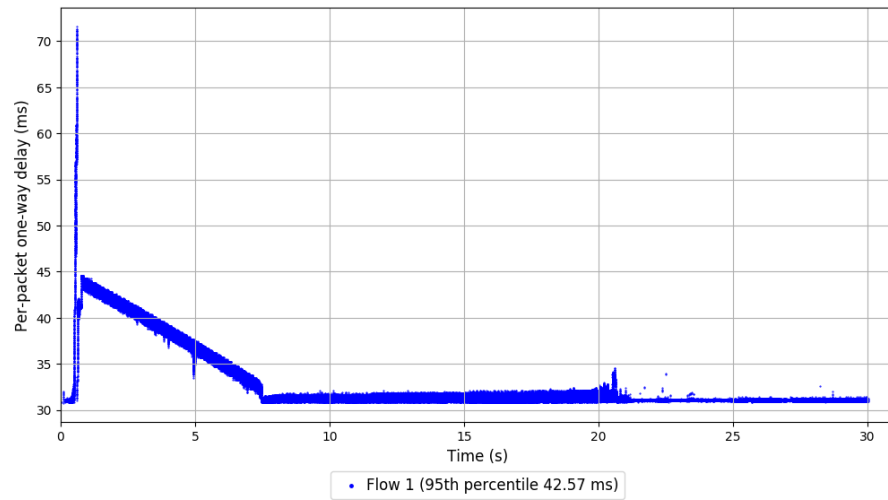
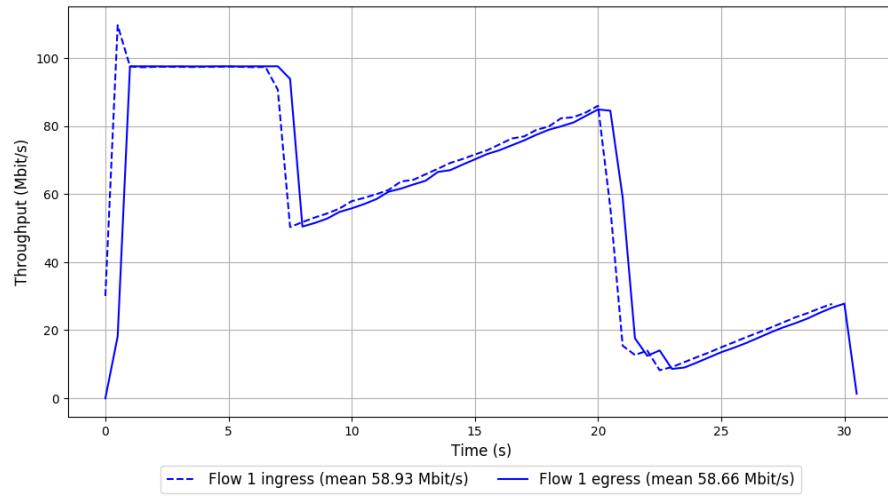
-- Flow 1:

Average throughput: 58.66 Mbit/s

95th percentile per-packet one-way delay: 42.574 ms

Loss rate: 0.45%

Run 1: Report of TCP Vegas — Data Link

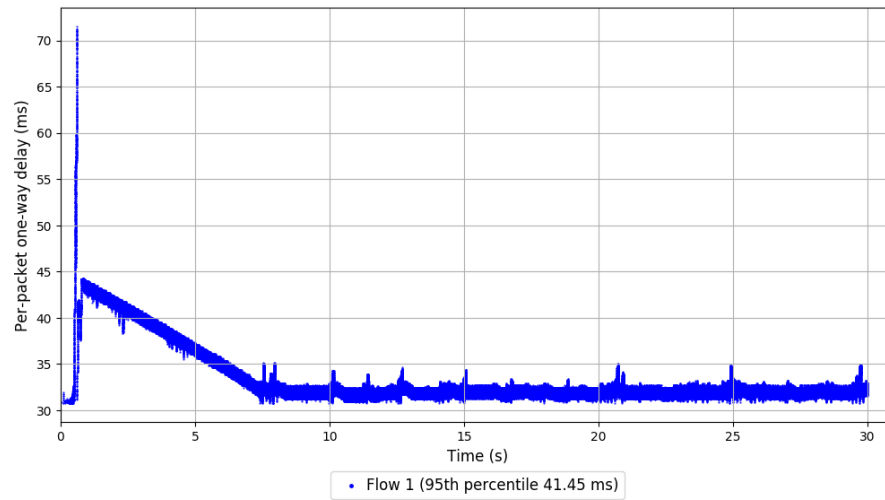
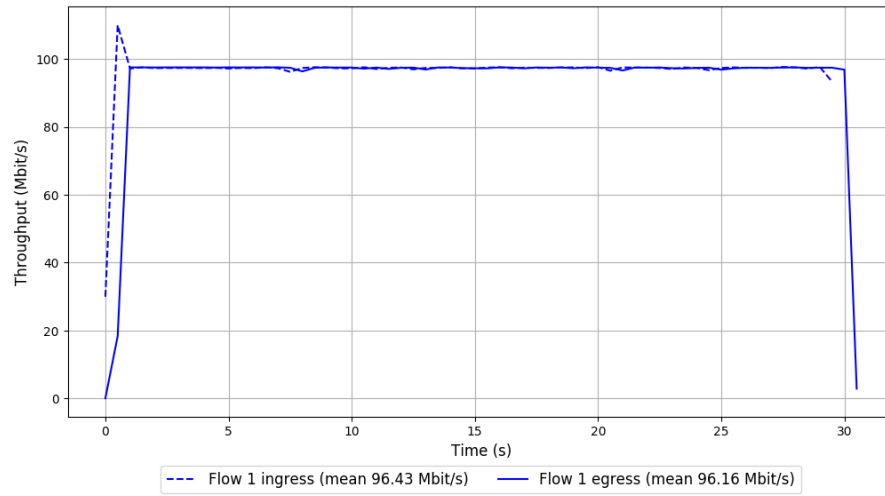


Run 2: Statistics of TCP Vegas

Start at: 2019-01-17 07:00:00
End at: 2019-01-17 07:00:30
Local clock offset: 0.322 ms
Remote clock offset: -3.144 ms

Below is generated by plot.py at 2019-01-17 08:48:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 41.450 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 41.450 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-01-17 07:25:11

End at: 2019-01-17 07:25:41

Local clock offset: 1.343 ms

Remote clock offset: -3.05 ms

Below is generated by plot.py at 2019-01-17 08:48:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 32.730 ms

Loss rate: 0.61%

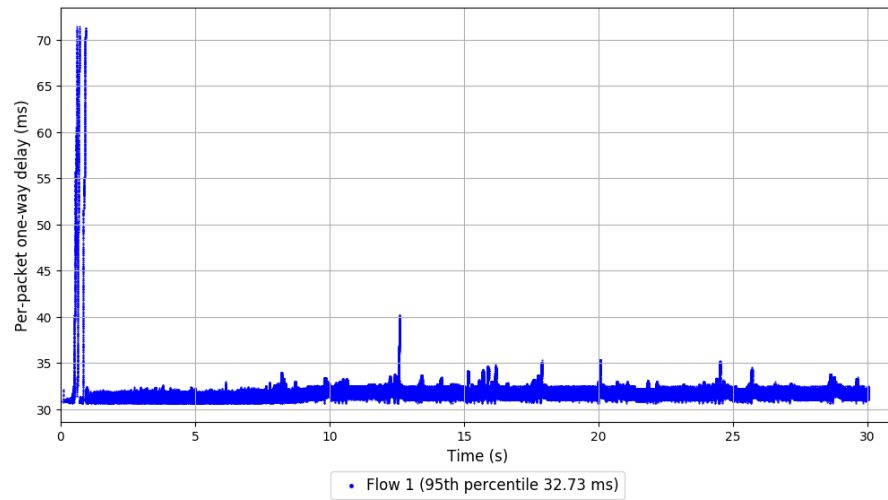
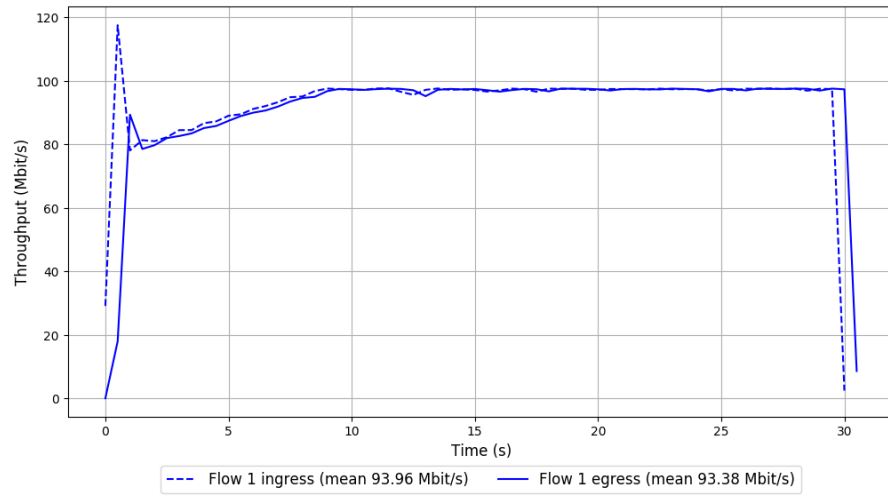
-- Flow 1:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 32.730 ms

Loss rate: 0.61%

Run 3: Report of TCP Vegas — Data Link

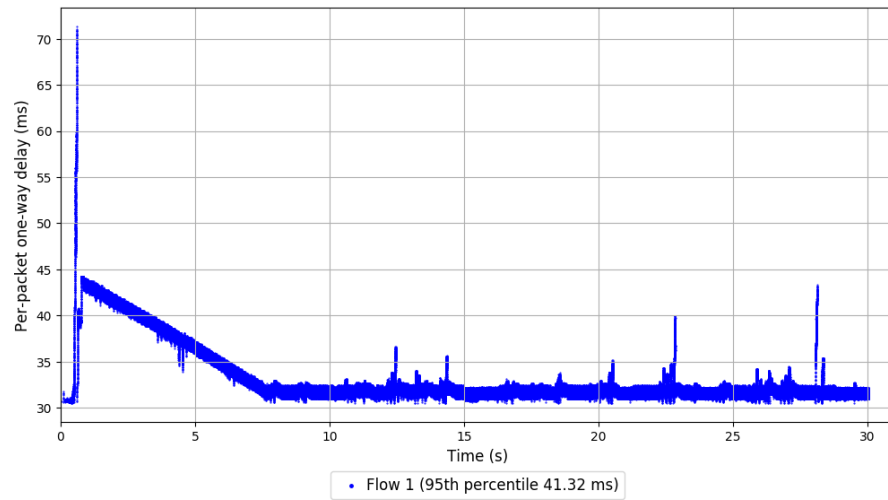
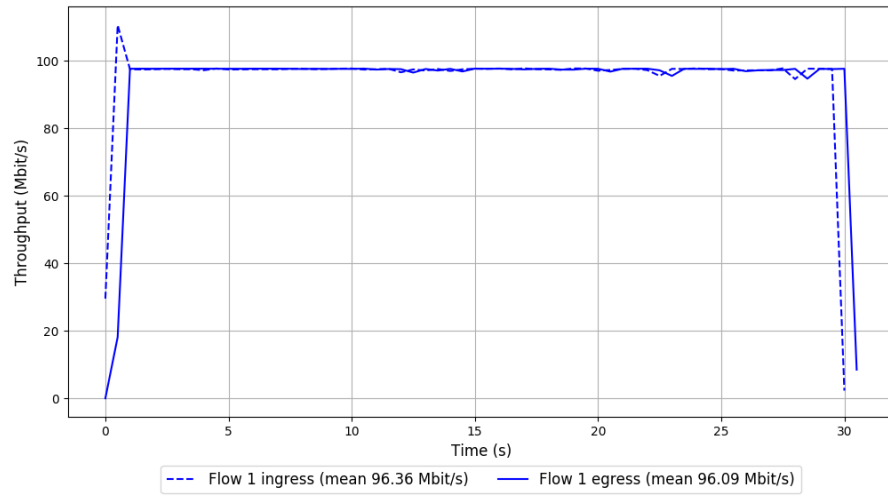


Run 4: Statistics of TCP Vegas

Start at: 2019-01-17 07:50:30
End at: 2019-01-17 07:51:00
Local clock offset: 1.235 ms
Remote clock offset: -3.059 ms

Below is generated by plot.py at 2019-01-17 08:48:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 41.323 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 41.323 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link

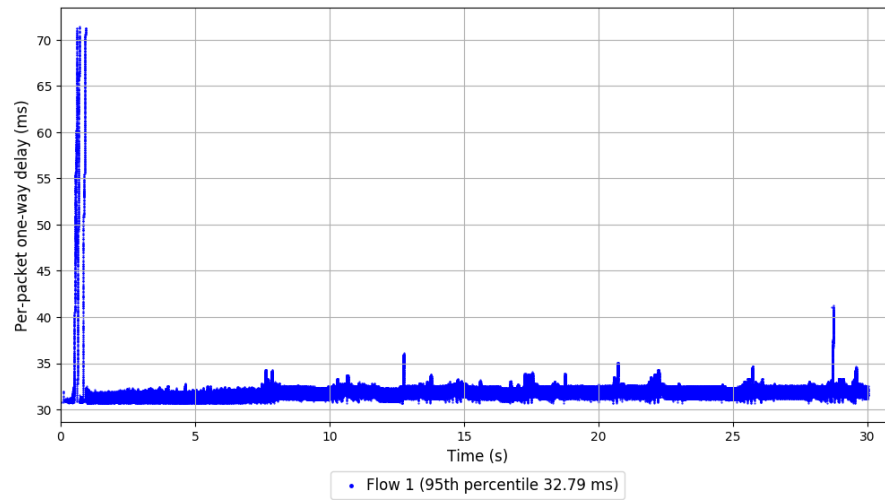
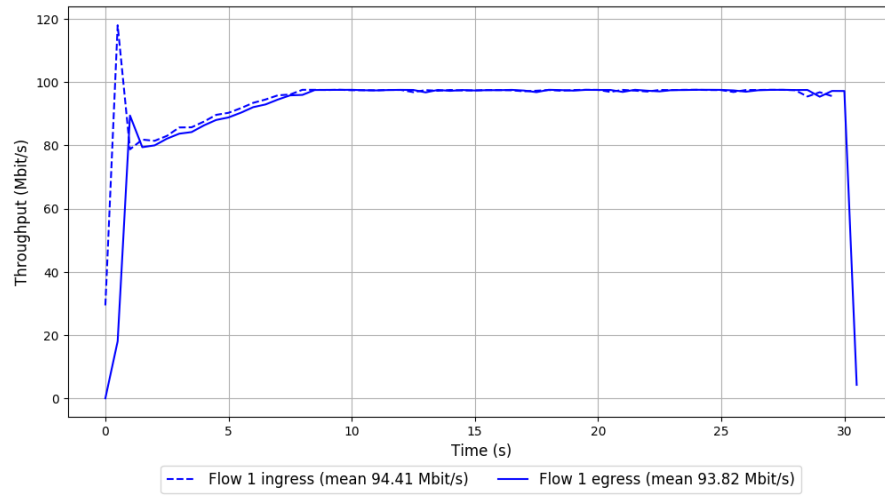


Run 5: Statistics of TCP Vegas

Start at: 2019-01-17 08:16:12
End at: 2019-01-17 08:16:42
Local clock offset: 0.62 ms
Remote clock offset: -3.054 ms

Below is generated by plot.py at 2019-01-17 08:48:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 32.789 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 32.789 ms
Loss rate: 0.62%

Run 5: Report of TCP Vegas — Data Link

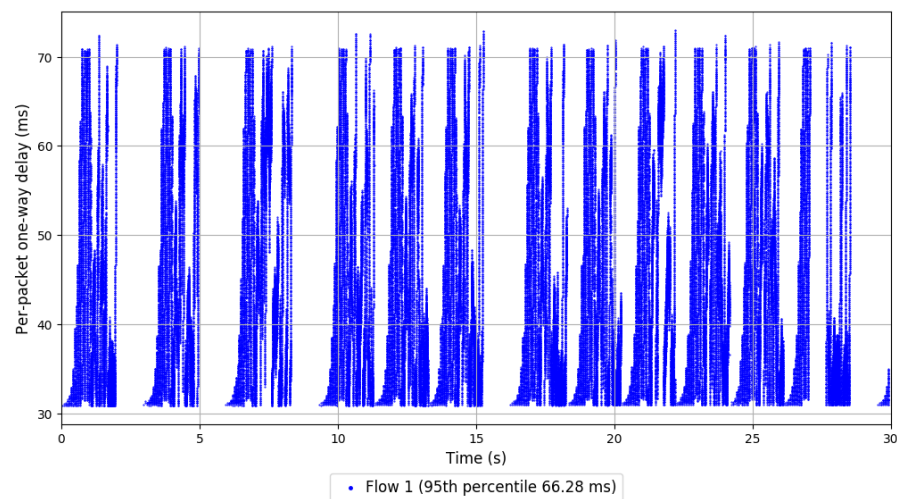
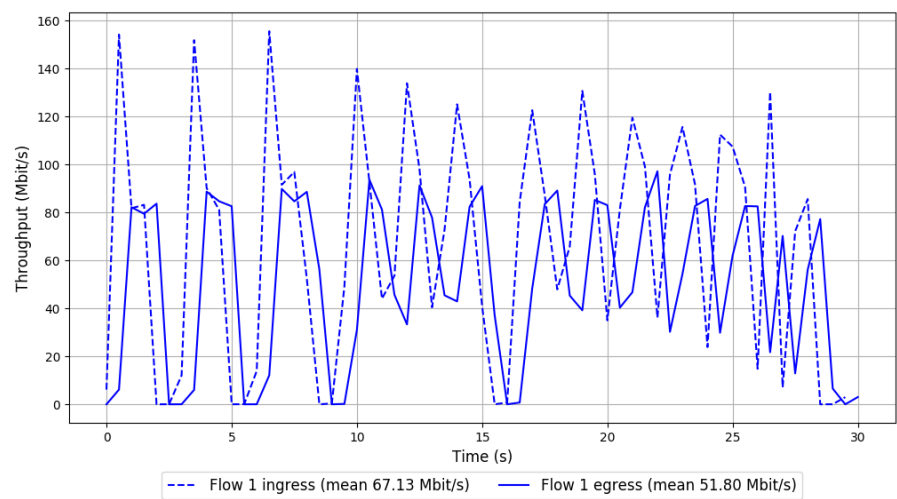


Run 1: Statistics of Verus

Start at: 2019-01-17 06:53:09
End at: 2019-01-17 06:53:39
Local clock offset: -0.83 ms
Remote clock offset: -3.084 ms

Below is generated by plot.py at 2019-01-17 08:48:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.80 Mbit/s
95th percentile per-packet one-way delay: 66.277 ms
Loss rate: 22.83%
-- Flow 1:
Average throughput: 51.80 Mbit/s
95th percentile per-packet one-way delay: 66.277 ms
Loss rate: 22.83%

Run 1: Report of Verus — Data Link

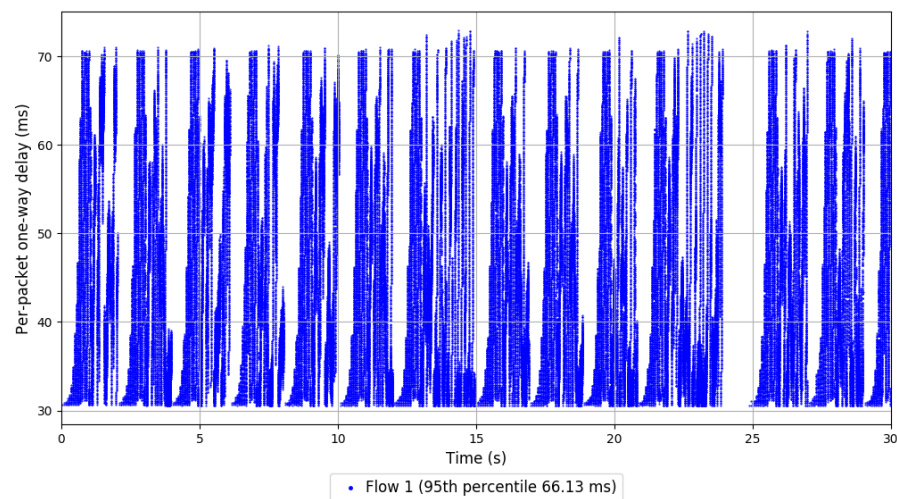
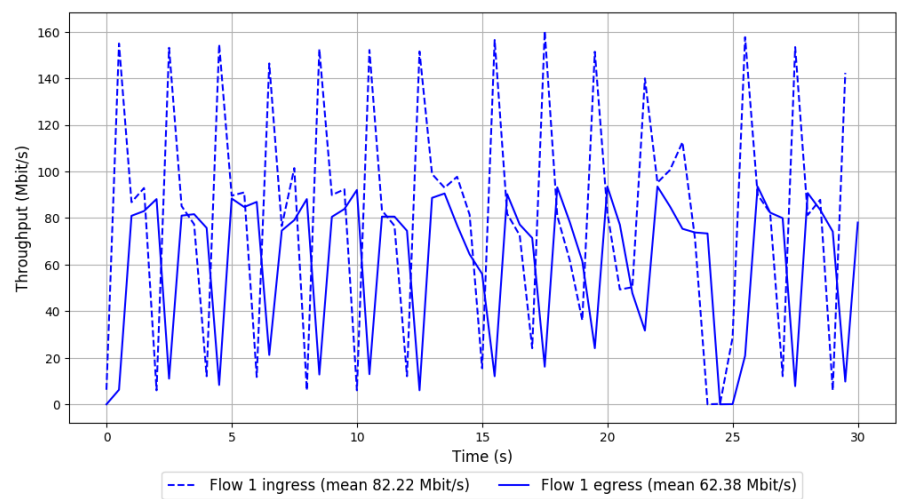


Run 2: Statistics of Verus

Start at: 2019-01-17 07:18:09
End at: 2019-01-17 07:18:39
Local clock offset: 1.855 ms
Remote clock offset: -3.129 ms

Below is generated by plot.py at 2019-01-17 08:48:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.38 Mbit/s
95th percentile per-packet one-way delay: 66.131 ms
Loss rate: 24.13%
-- Flow 1:
Average throughput: 62.38 Mbit/s
95th percentile per-packet one-way delay: 66.131 ms
Loss rate: 24.13%

Run 2: Report of Verus — Data Link

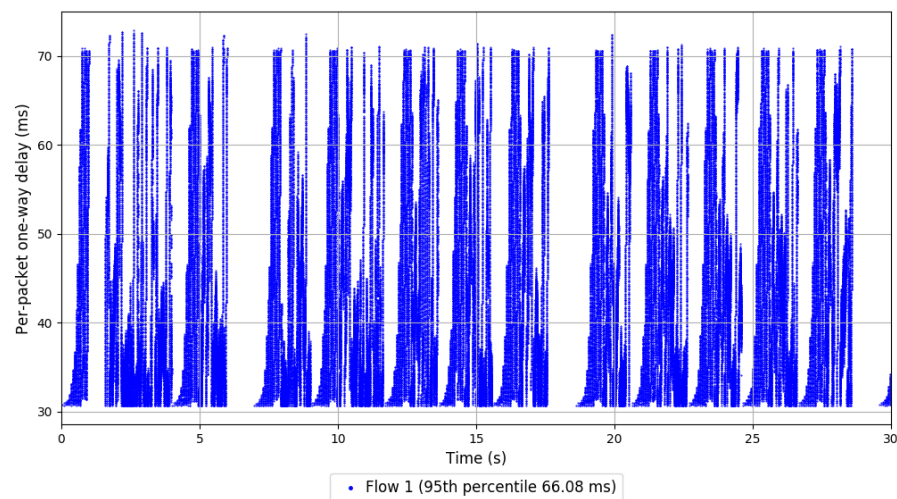
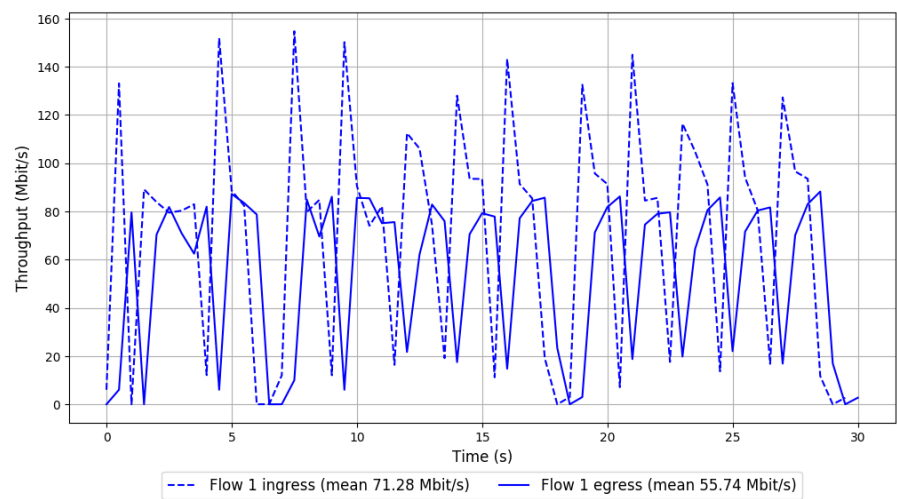


Run 3: Statistics of Verus

Start at: 2019-01-17 07:43:23
End at: 2019-01-17 07:43:53
Local clock offset: 1.504 ms
Remote clock offset: -3.035 ms

Below is generated by plot.py at 2019-01-17 08:48:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 66.076 ms
Loss rate: 21.79%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 66.076 ms
Loss rate: 21.79%

Run 3: Report of Verus — Data Link

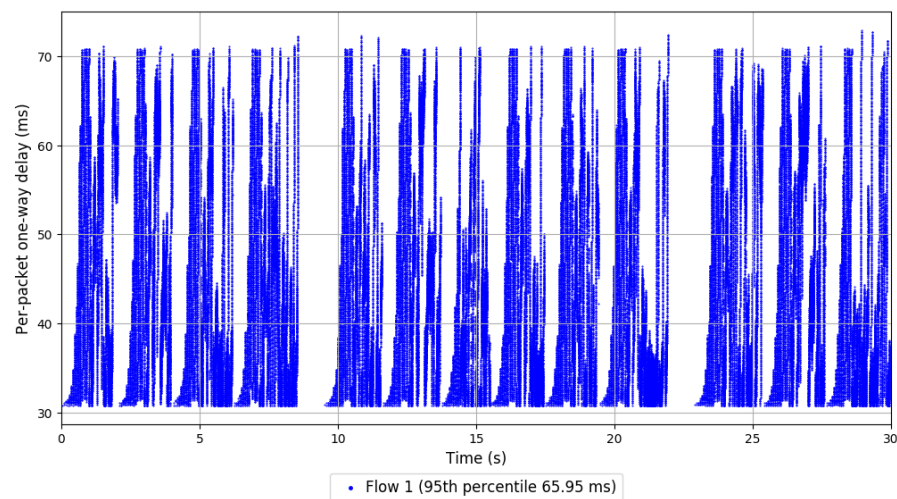
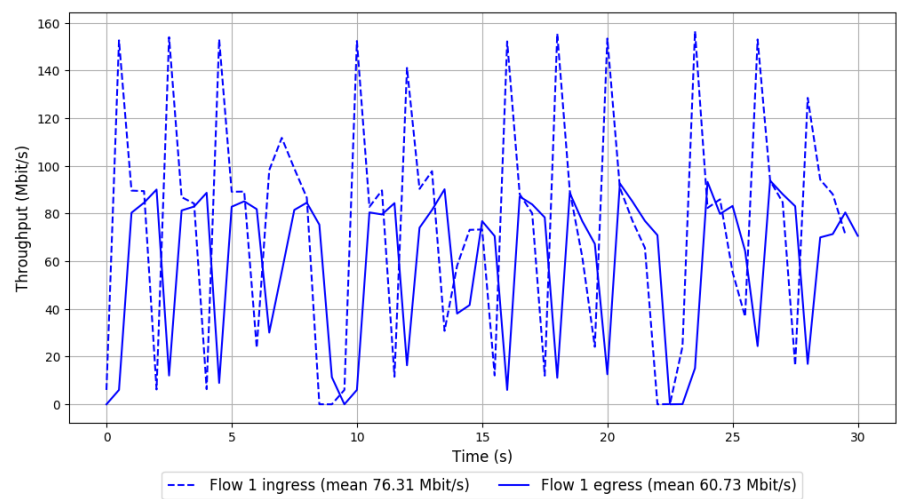


Run 4: Statistics of Verus

Start at: 2019-01-17 08:09:02
End at: 2019-01-17 08:09:32
Local clock offset: 0.574 ms
Remote clock offset: -3.021 ms

Below is generated by plot.py at 2019-01-17 08:48:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 65.953 ms
Loss rate: 20.40%
-- Flow 1:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 65.953 ms
Loss rate: 20.40%

Run 4: Report of Verus — Data Link

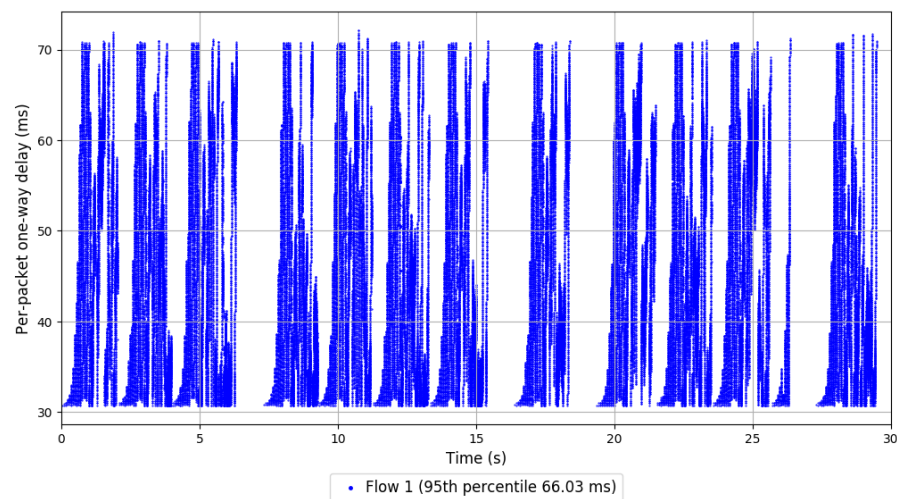
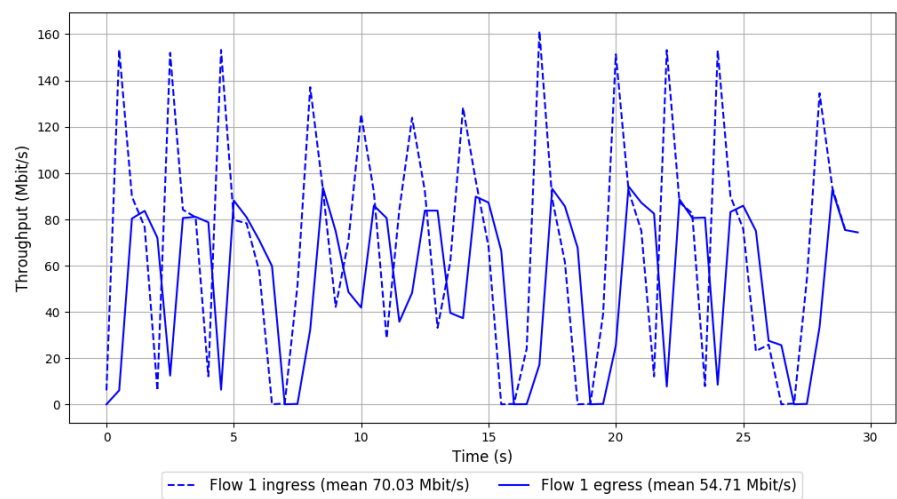


Run 5: Statistics of Verus

Start at: 2019-01-17 08:34:27
End at: 2019-01-17 08:34:57
Local clock offset: 0.29 ms
Remote clock offset: -3.232 ms

Below is generated by plot.py at 2019-01-17 08:48:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 66.033 ms
Loss rate: 21.80%
-- Flow 1:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 66.033 ms
Loss rate: 21.80%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-01-17 06:39:29

End at: 2019-01-17 06:39:59

Local clock offset: -2.694 ms

Remote clock offset: -3.0 ms

Below is generated by plot.py at 2019-01-17 08:49:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 32.178 ms

Loss rate: 0.00%

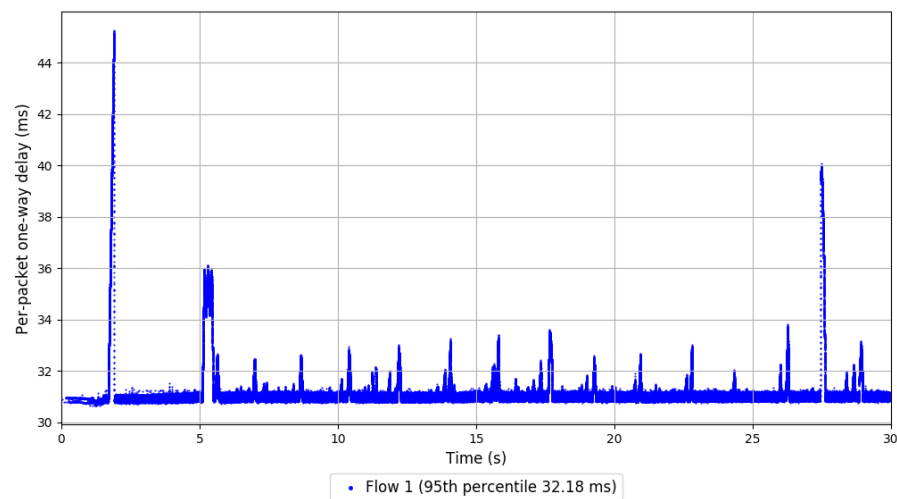
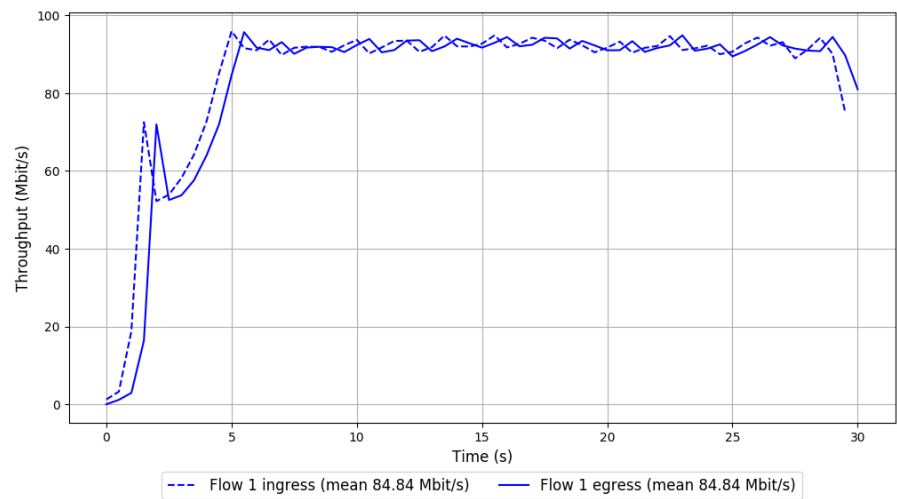
-- Flow 1:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 32.178 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-01-17 07:04:41

End at: 2019-01-17 07:05:11

Local clock offset: 0.877 ms

Remote clock offset: -3.106 ms

Below is generated by plot.py at 2019-01-17 08:49:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 32.239 ms

Loss rate: 0.01%

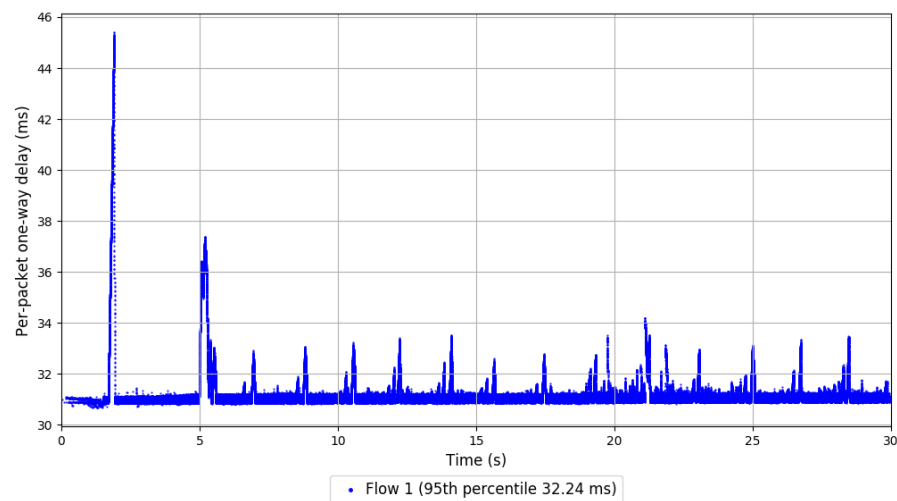
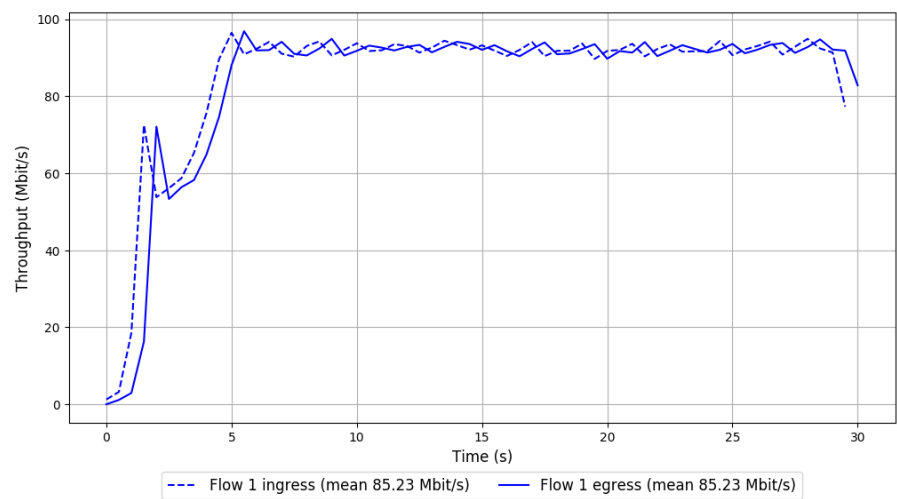
-- Flow 1:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 32.239 ms

Loss rate: 0.01%

Run 2: Report of PCC-Vivace — Data Link

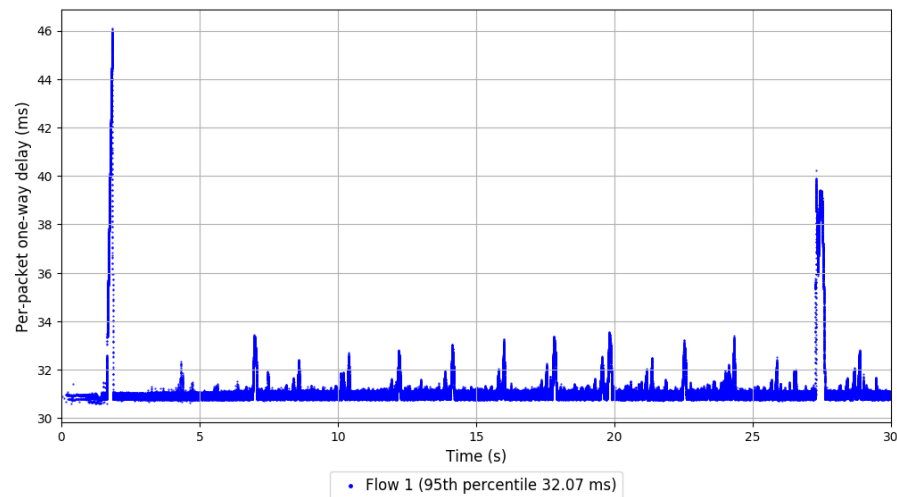
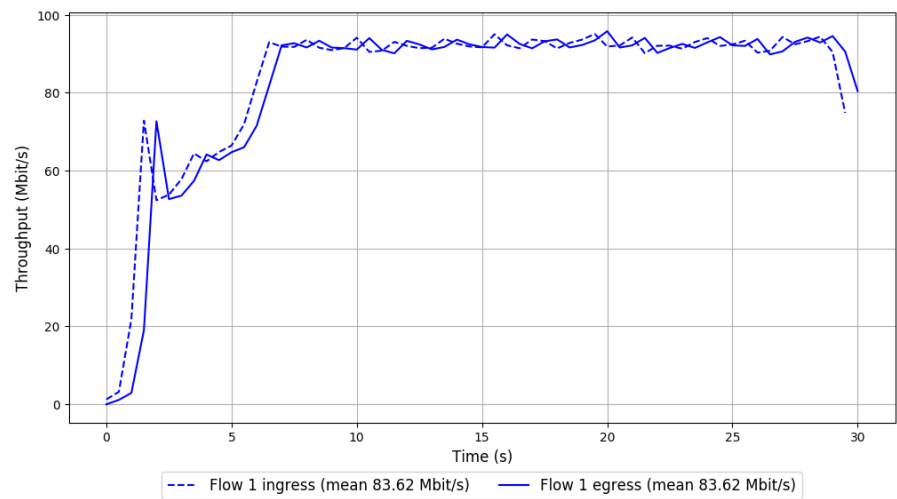


Run 3: Statistics of PCC-Vivace

Start at: 2019-01-17 07:30:01
End at: 2019-01-17 07:30:31
Local clock offset: 1.218 ms
Remote clock offset: -3.065 ms

Below is generated by plot.py at 2019-01-17 08:49:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 32.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 32.073 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-01-17 07:55:32

End at: 2019-01-17 07:56:02

Local clock offset: 0.876 ms

Remote clock offset: -3.019 ms

Below is generated by plot.py at 2019-01-17 08:49:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.60 Mbit/s

95th percentile per-packet one-way delay: 32.202 ms

Loss rate: 0.00%

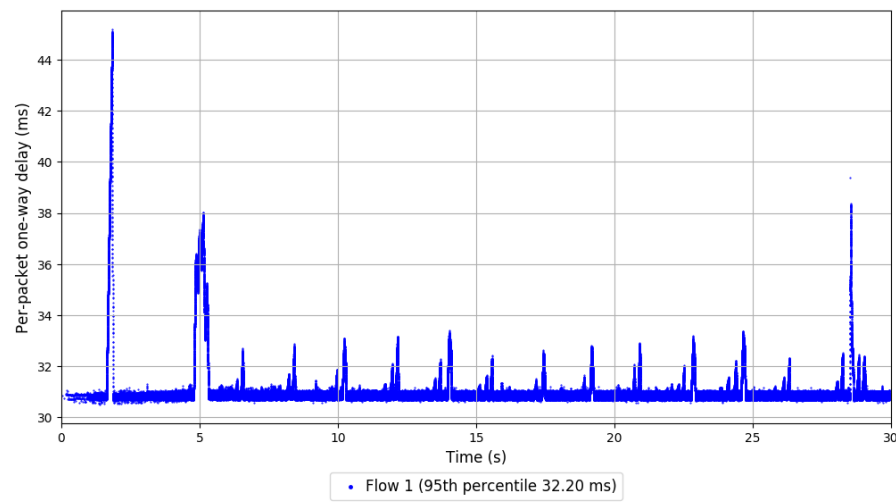
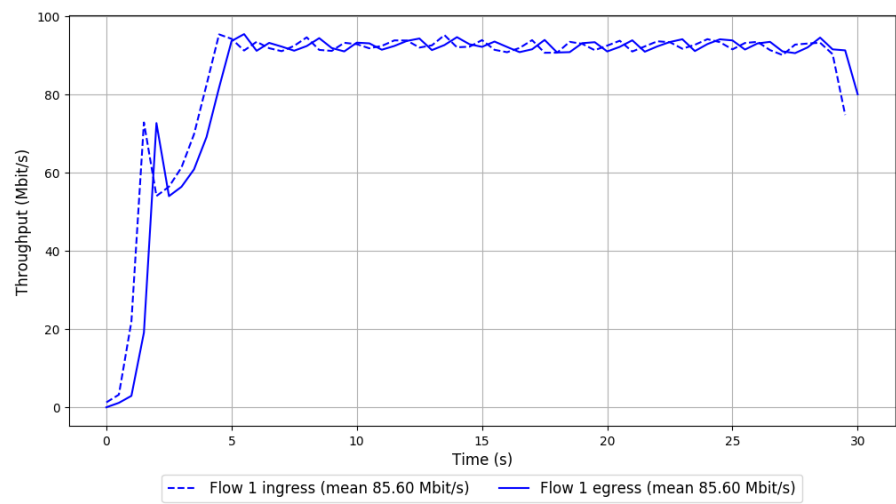
-- Flow 1:

Average throughput: 85.60 Mbit/s

95th percentile per-packet one-way delay: 32.202 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

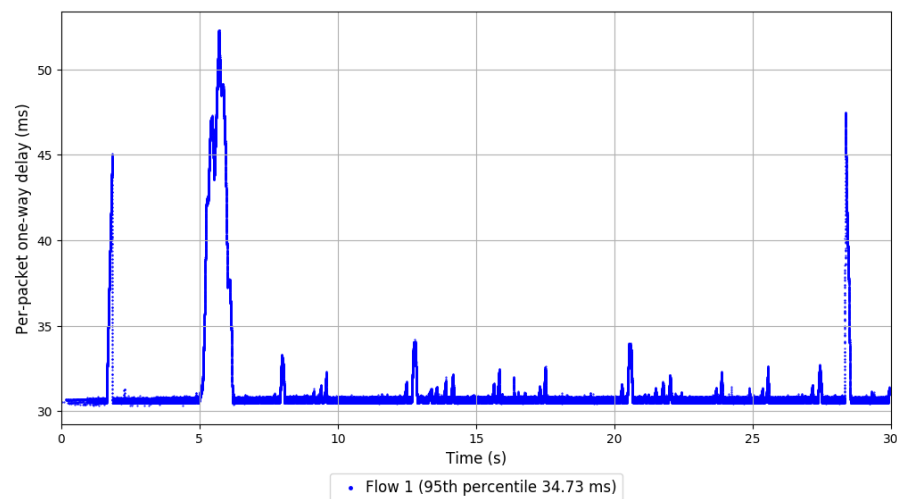
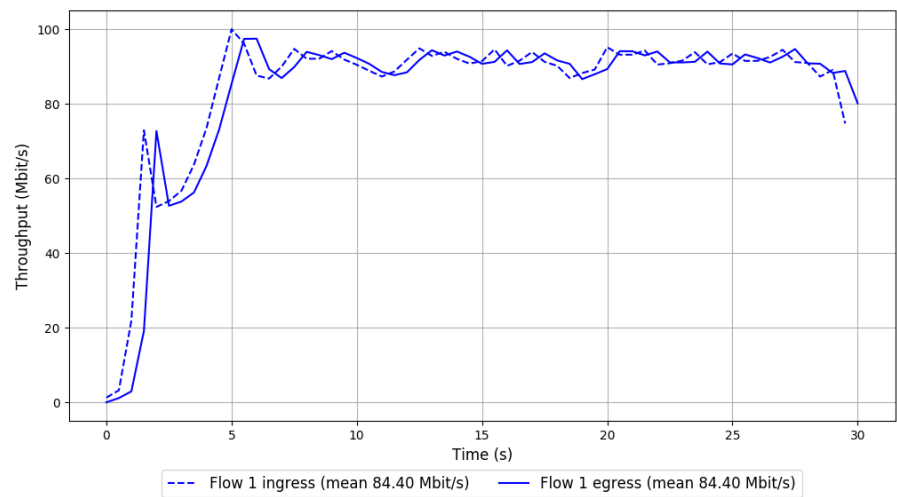


Run 5: Statistics of PCC-Vivace

Start at: 2019-01-17 08:21:04
End at: 2019-01-17 08:21:34
Local clock offset: 0.45 ms
Remote clock offset: -3.362 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.40 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.40 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

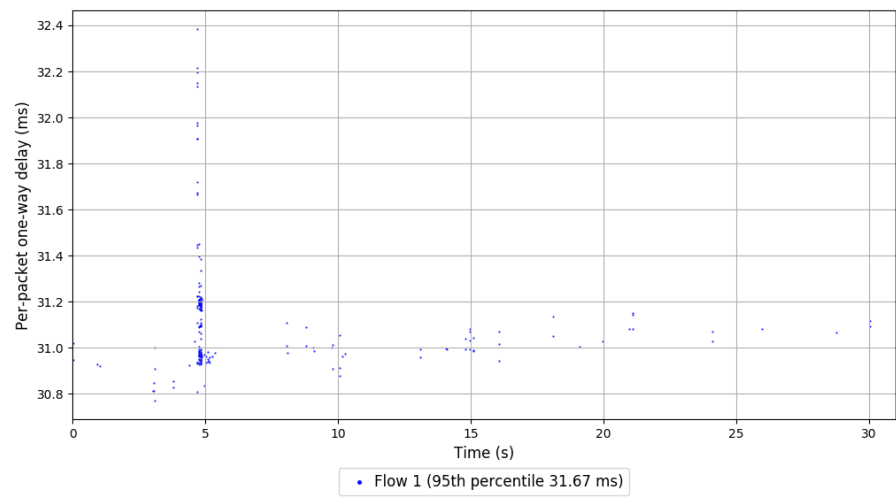
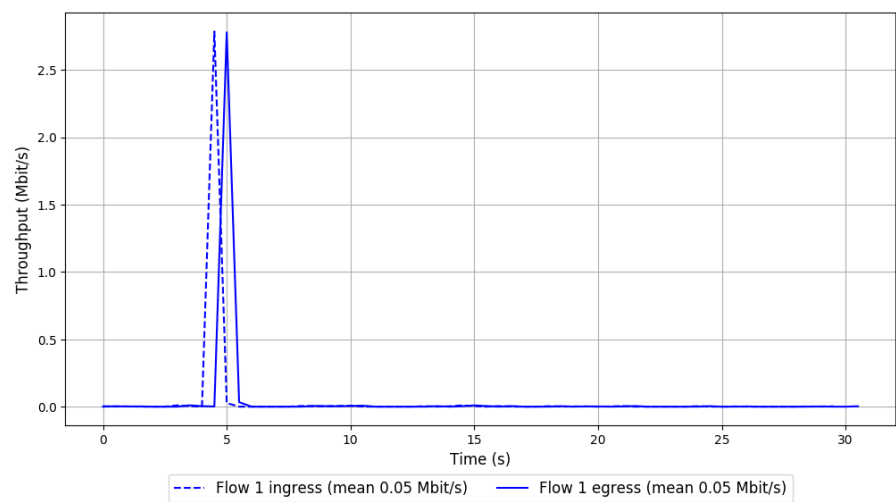


Run 1: Statistics of WebRTC media

Start at: 2019-01-17 06:48:41
End at: 2019-01-17 06:49:11
Local clock offset: -2.07 ms
Remote clock offset: -3.064 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.672 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

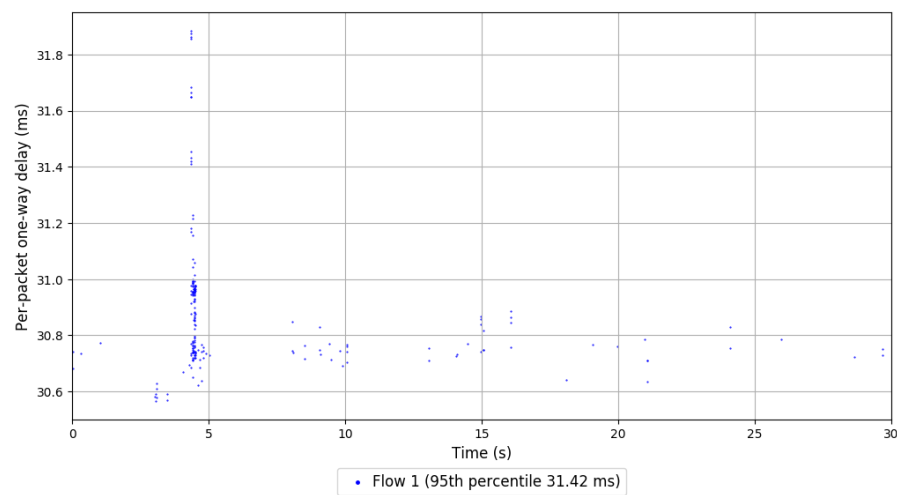
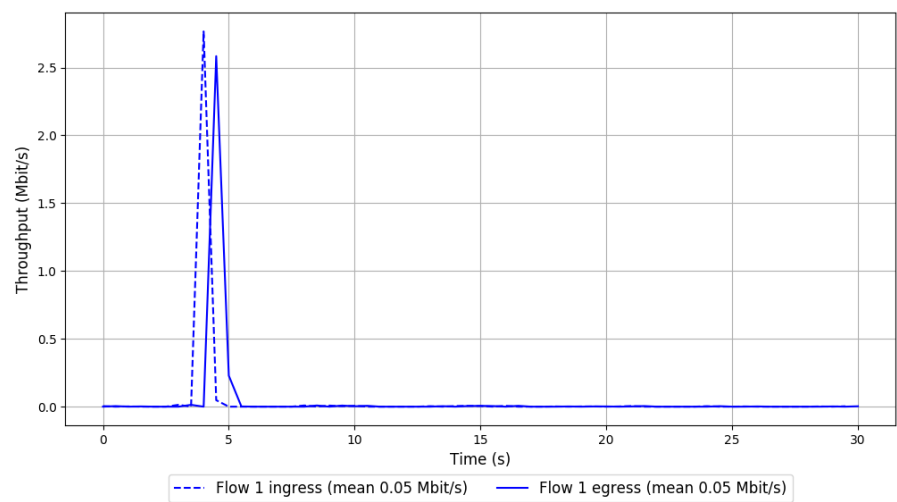


Run 2: Statistics of WebRTC media

Start at: 2019-01-17 07:13:40
End at: 2019-01-17 07:14:10
Local clock offset: 1.596 ms
Remote clock offset: -3.135 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.418 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

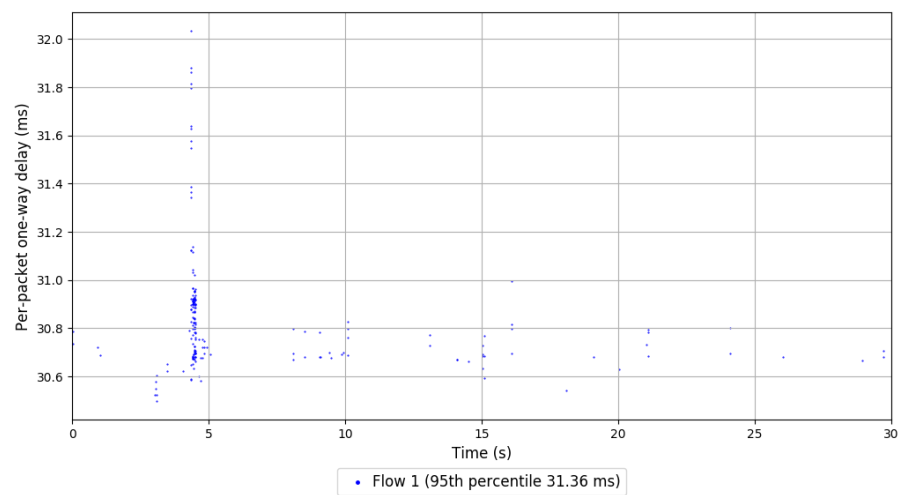
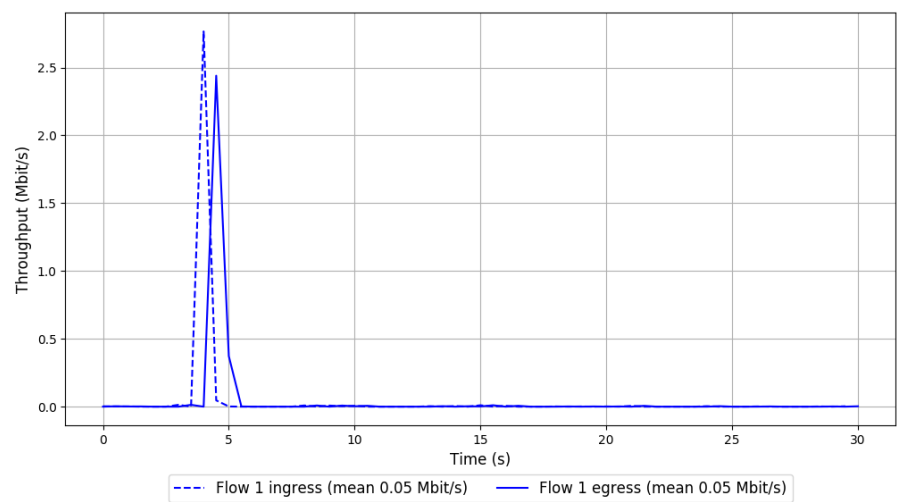


Run 3: Statistics of WebRTC media

Start at: 2019-01-17 07:38:48
End at: 2019-01-17 07:39:18
Local clock offset: 1.408 ms
Remote clock offset: -3.011 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.364 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

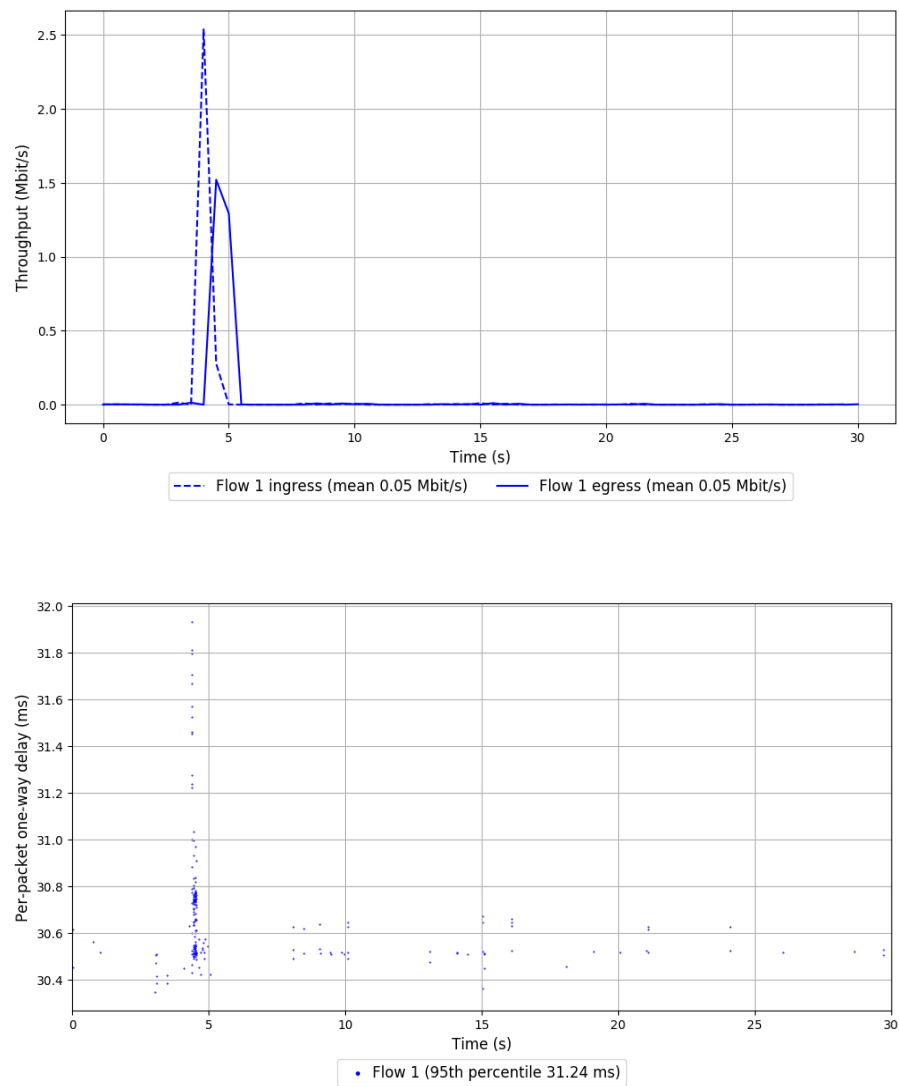


Run 4: Statistics of WebRTC media

Start at: 2019-01-17 08:04:28
End at: 2019-01-17 08:04:58
Local clock offset: 0.624 ms
Remote clock offset: -3.223 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.239 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-01-17 08:29:57
End at: 2019-01-17 08:30:27
Local clock offset: 0.304 ms
Remote clock offset: -3.223 ms

Below is generated by plot.py at 2019-01-17 08:49:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.497 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

