

Pantheon Report

Generated at 2018-05-24 02:48:05 (UTC).

Data path: AWS India 1 Ethernet (*local*) → India ppp0 ppp0 (*remote*).

Repeated the test of 16 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

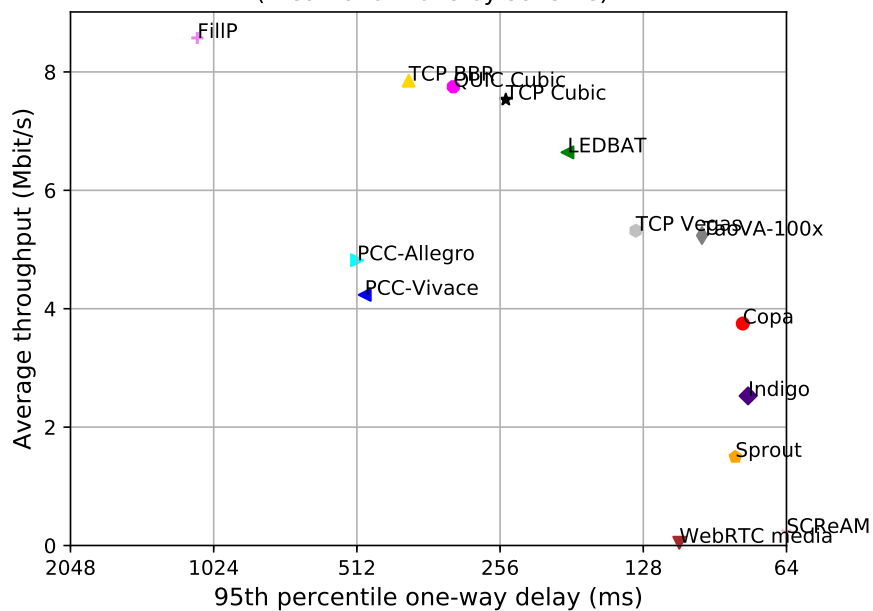
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

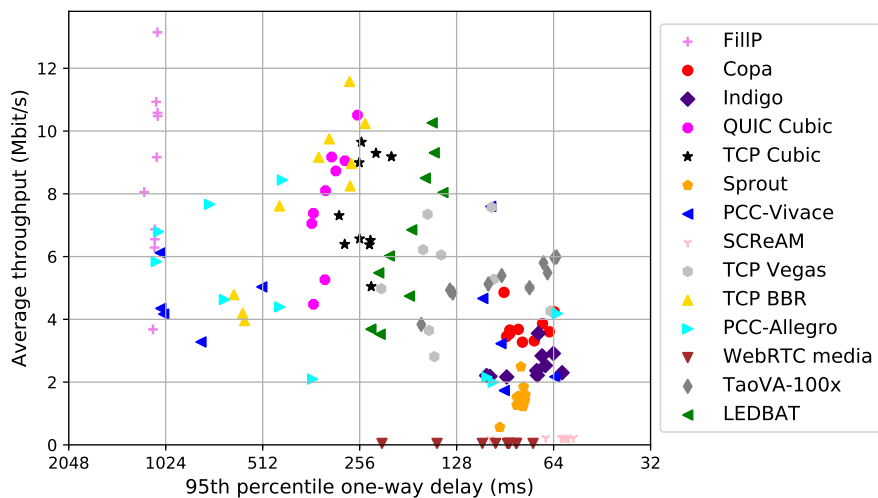
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS India 1 to India ppp0, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS India 1 to India ppp0, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	7.85	398.50	0.79
Copa	10	3.75	79.08	0.14
TCP Cubic	10	7.53	249.03	0.38
FillP	10	8.58	1108.25	48.90
Indigo	10	2.53	77.09	0.15
LEDBAT	10	6.64	184.78	0.37
PCC-Allegro	10	4.82	511.41	5.57
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	9	7.75	320.97	0.84
SCReAM	9	0.21	64.03	0.12
Sprout	10	1.50	81.98	0.11
TaoVA-100x	10	5.24	96.35	0.17
TCP Vegas	10	5.32	132.78	0.14
Verus	0	N/A	N/A	N/A
PCC-Vivace	10	4.23	493.02	3.65
WebRTC media	10	0.05	107.53	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-05-24 00:05:06

End at: 2018-05-24 00:05:36

Local clock offset: 1.592 ms

Remote clock offset: -7.392 ms

Below is generated by plot.py at 2018-05-24 02:45:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.24 Mbit/s

95th percentile per-packet one-way delay: 246.323 ms

Loss rate: 0.32%

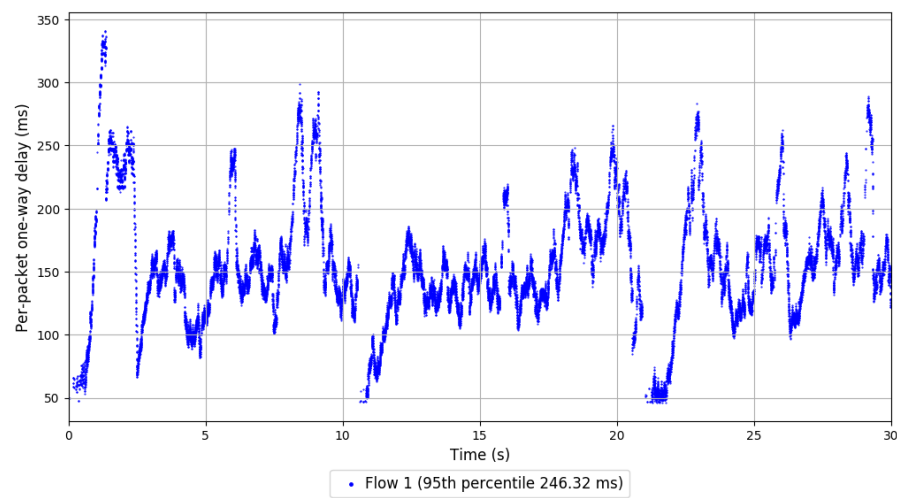
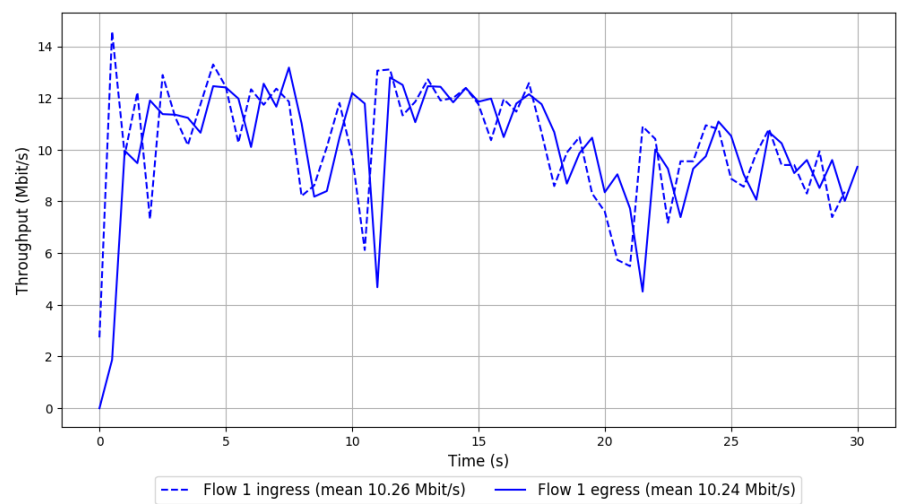
-- Flow 1:

Average throughput: 10.24 Mbit/s

95th percentile per-packet one-way delay: 246.323 ms

Loss rate: 0.32%

Run 1: Report of TCP BBR — Data Link

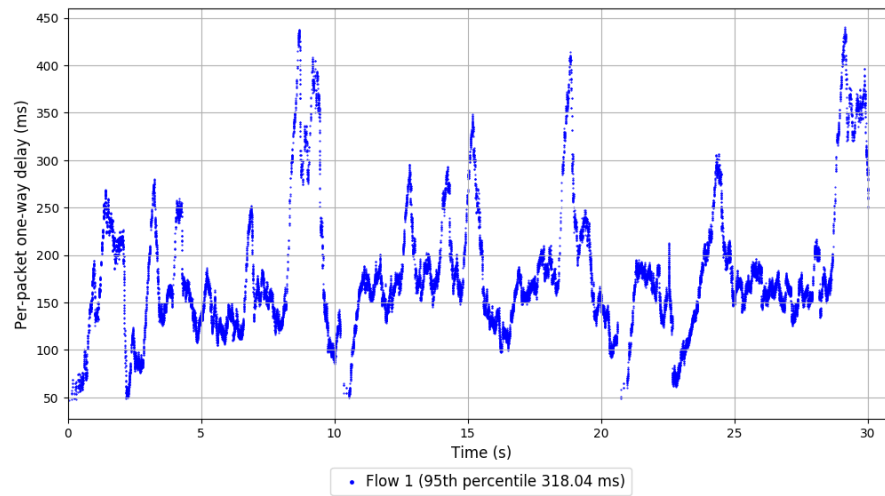
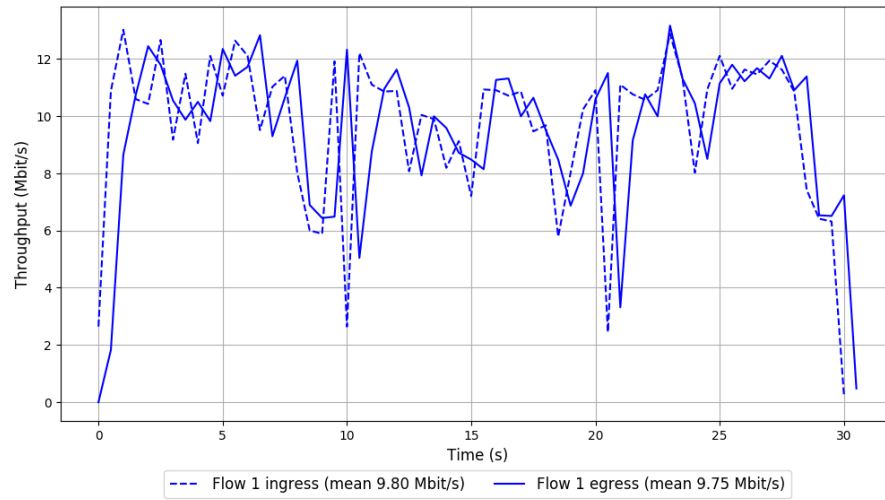


Run 2: Statistics of TCP BBR

Start at: 2018-05-24 00:22:31
End at: 2018-05-24 00:23:01
Local clock offset: 2.655 ms
Remote clock offset: -7.245 ms

Below is generated by plot.py at 2018-05-24 02:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 318.036 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 318.036 ms
Loss rate: 0.63%

Run 2: Report of TCP BBR — Data Link

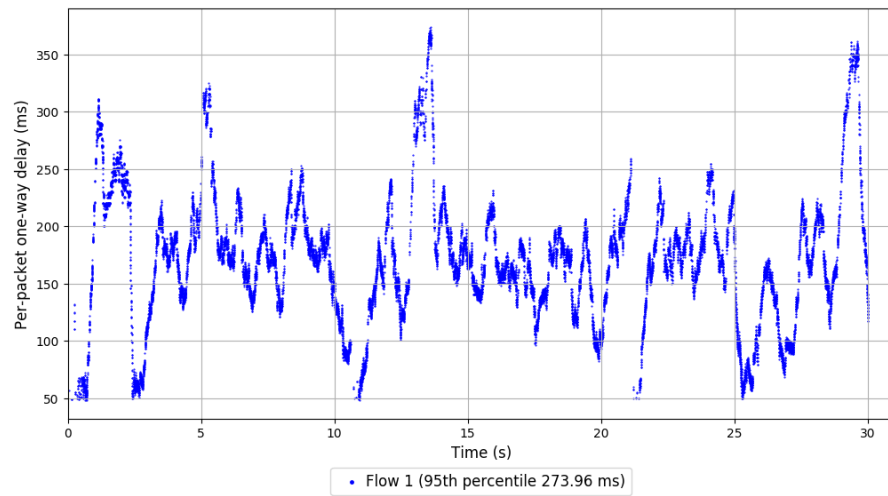
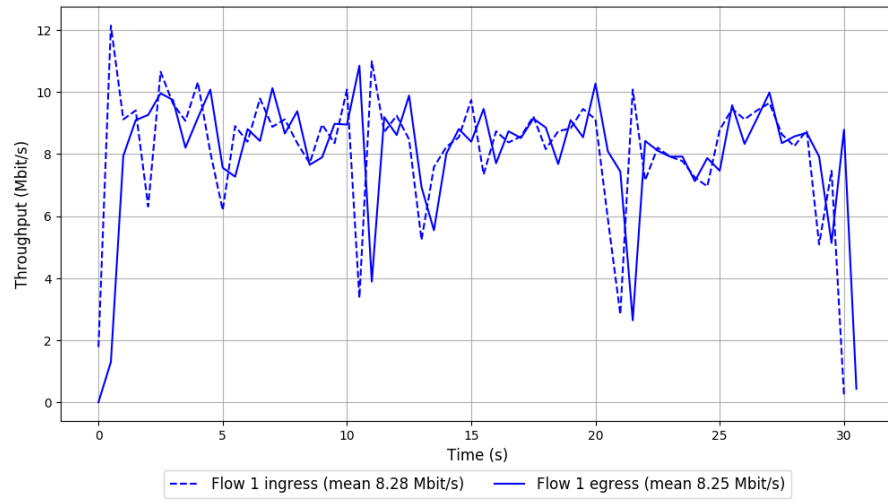


Run 3: Statistics of TCP BBR

Start at: 2018-05-24 00:39:49
End at: 2018-05-24 00:40:19
Local clock offset: 3.527 ms
Remote clock offset: -4.365 ms

Below is generated by plot.py at 2018-05-24 02:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 273.964 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 273.964 ms
Loss rate: 0.46%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-05-24 00:57:09

End at: 2018-05-24 00:57:39

Local clock offset: 2.759 ms

Remote clock offset: 2.275 ms

Below is generated by plot.py at 2018-05-24 02:45:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 343.120 ms

Loss rate: 0.64%

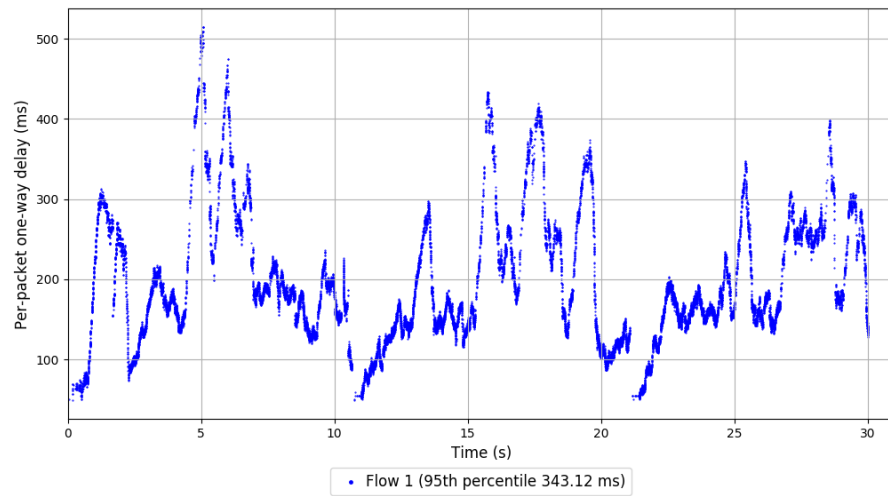
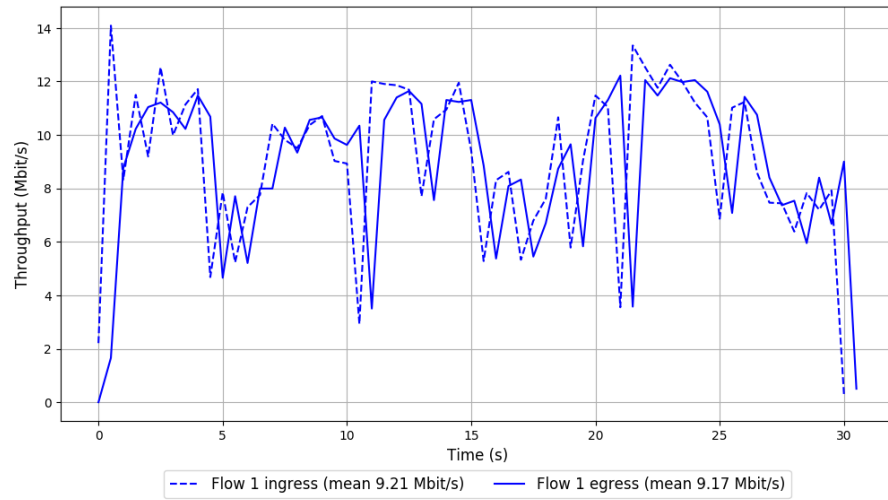
-- Flow 1:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 343.120 ms

Loss rate: 0.64%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-05-24 01:14:29

End at: 2018-05-24 01:14:59

Local clock offset: 2.947 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at 2018-05-24 02:45:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.58 Mbit/s

95th percentile per-packet one-way delay: 275.107 ms

Loss rate: 0.55%

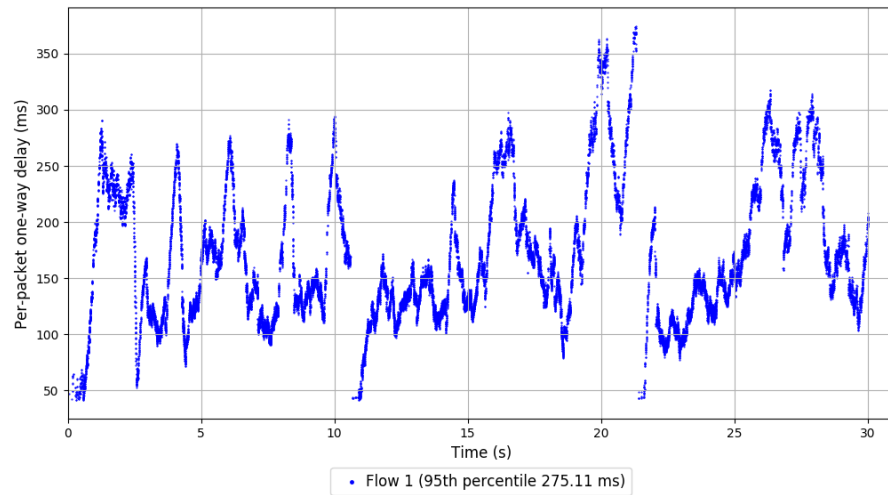
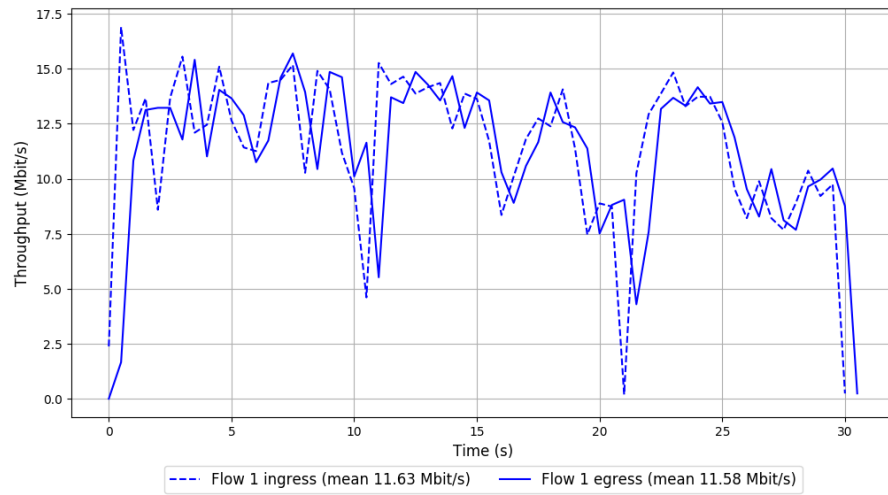
-- Flow 1:

Average throughput: 11.58 Mbit/s

95th percentile per-packet one-way delay: 275.107 ms

Loss rate: 0.55%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-05-24 01:31:56

End at: 2018-05-24 01:32:26

Local clock offset: 2.064 ms

Remote clock offset: -3.501 ms

Below is generated by plot.py at 2018-05-24 02:45:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.61 Mbit/s

95th percentile per-packet one-way delay: 454.093 ms

Loss rate: 0.93%

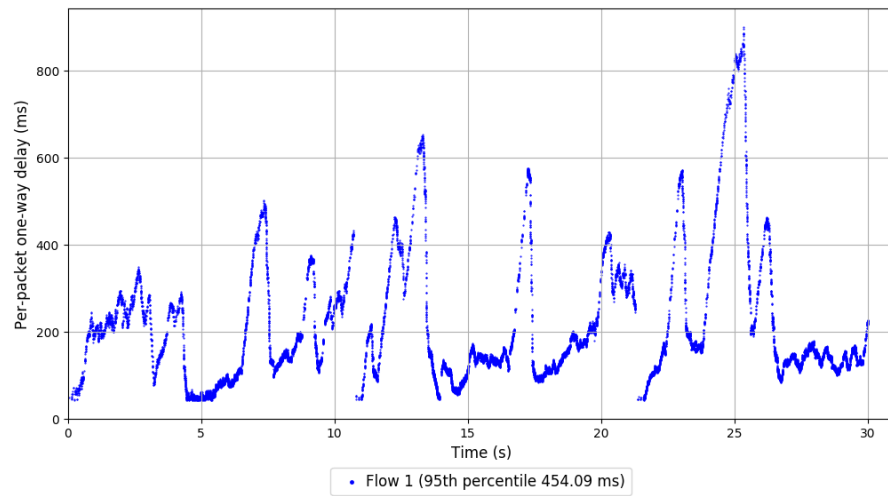
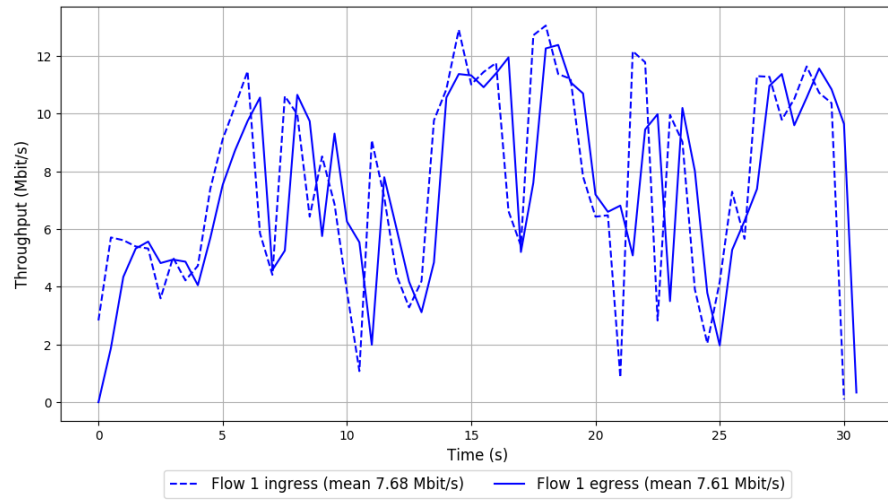
-- Flow 1:

Average throughput: 7.61 Mbit/s

95th percentile per-packet one-way delay: 454.093 ms

Loss rate: 0.93%

Run 6: Report of TCP BBR — Data Link

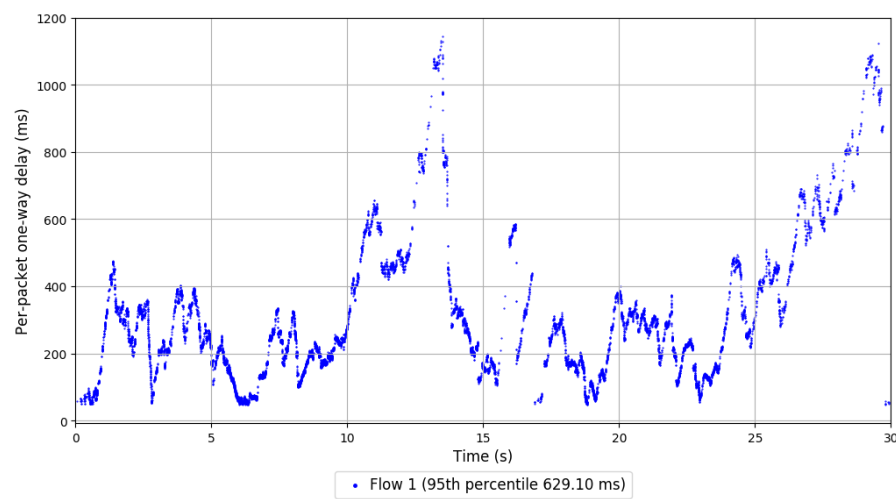
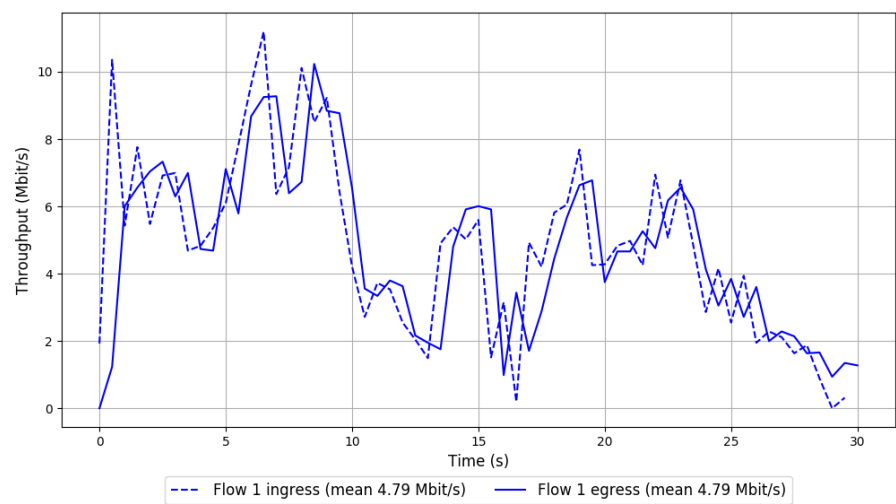


Run 7: Statistics of TCP BBR

Start at: 2018-05-24 01:49:20
End at: 2018-05-24 01:49:50
Local clock offset: 1.239 ms
Remote clock offset: -1.112 ms

Below is generated by plot.py at 2018-05-24 02:45:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 629.096 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 629.096 ms
Loss rate: 0.56%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-05-24 02:06:36

End at: 2018-05-24 02:07:06

Local clock offset: 0.716 ms

Remote clock offset: 4.912 ms

Below is generated by plot.py at 2018-05-24 02:45:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.97 Mbit/s

95th percentile per-packet one-way delay: 271.760 ms

Loss rate: 0.52%

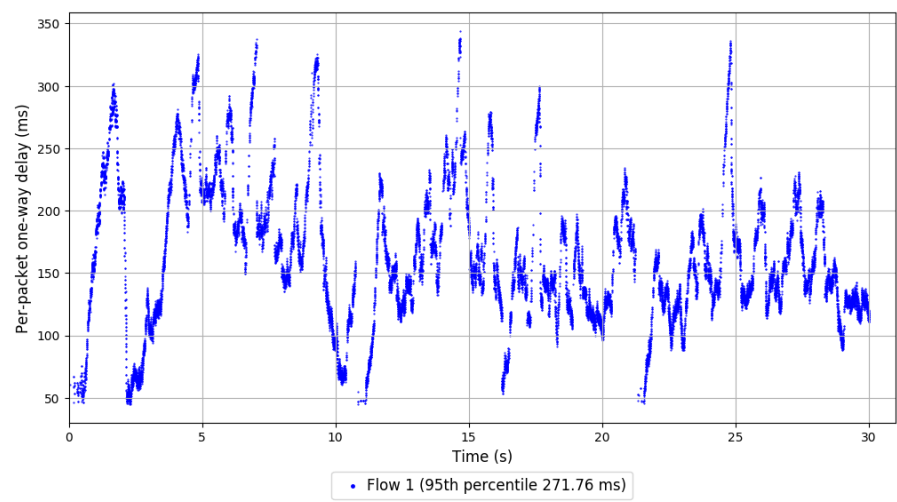
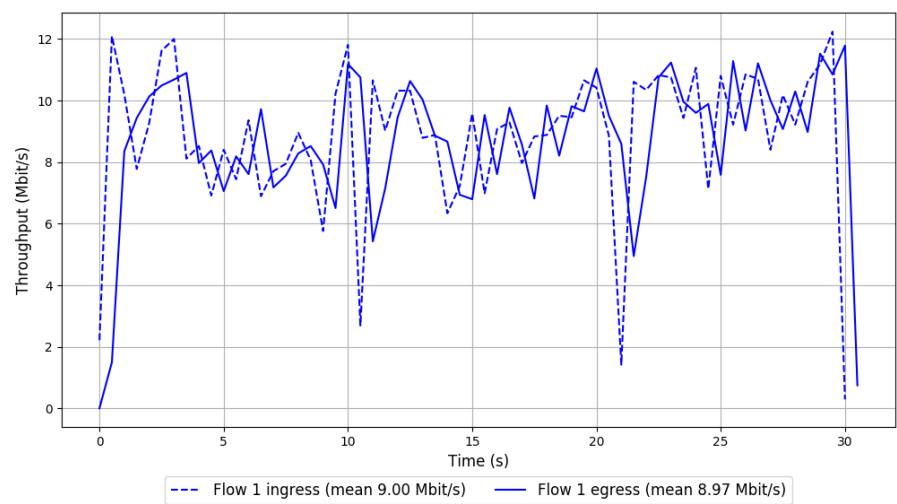
-- Flow 1:

Average throughput: 8.97 Mbit/s

95th percentile per-packet one-way delay: 271.760 ms

Loss rate: 0.52%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-05-24 02:23:58

End at: 2018-05-24 02:24:28

Local clock offset: 4.365 ms

Remote clock offset: 7.15 ms

Below is generated by plot.py at 2018-05-24 02:45:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.96 Mbit/s

95th percentile per-packet one-way delay: 582.673 ms

Loss rate: 1.51%

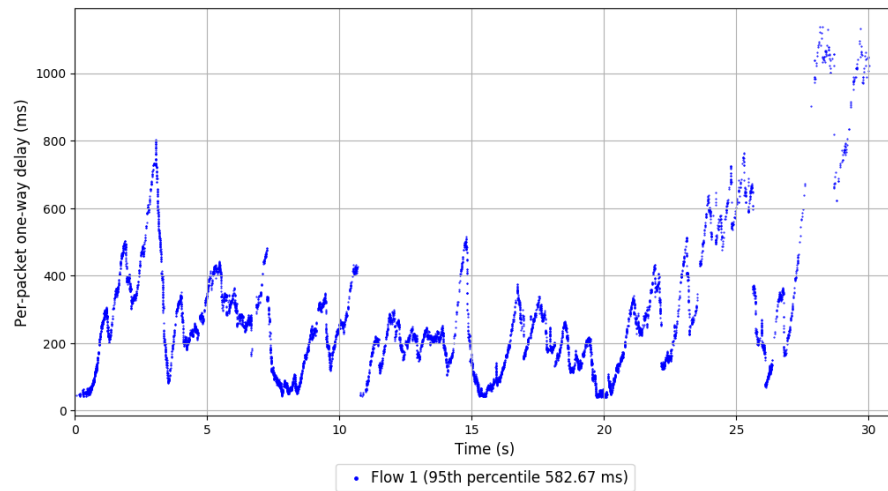
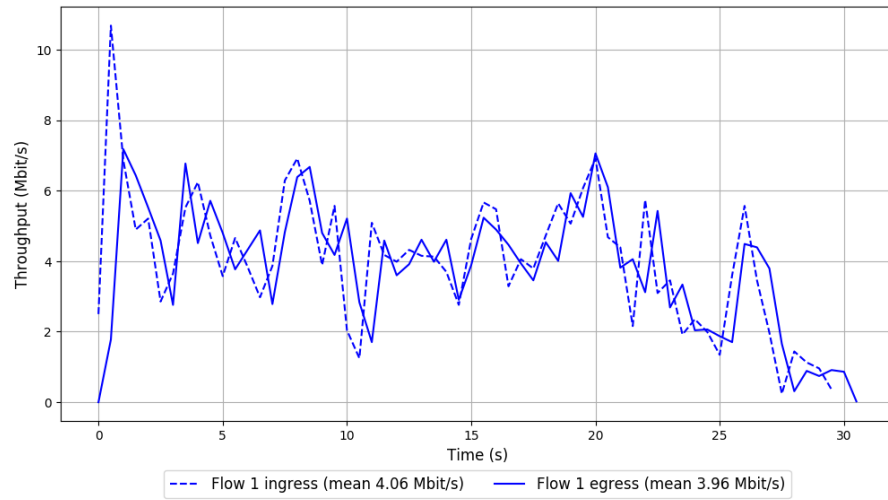
-- Flow 1:

Average throughput: 3.96 Mbit/s

95th percentile per-packet one-way delay: 582.673 ms

Loss rate: 1.51%

Run 9: Report of TCP BBR — Data Link

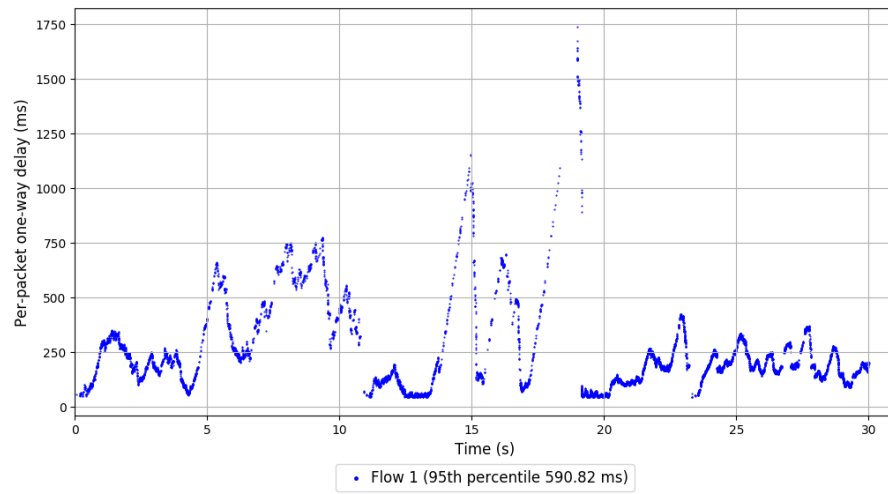
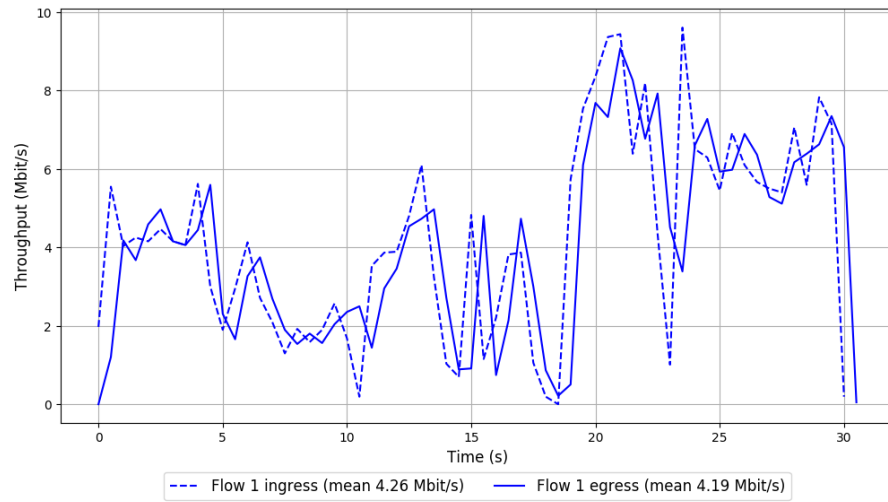


Run 10: Statistics of TCP BBR

Start at: 2018-05-24 02:41:17
End at: 2018-05-24 02:41:47
Local clock offset: 0.248 ms
Remote clock offset: 13.439 ms

Below is generated by plot.py at 2018-05-24 02:45:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 590.818 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 590.818 ms
Loss rate: 1.82%

Run 10: Report of TCP BBR — Data Link

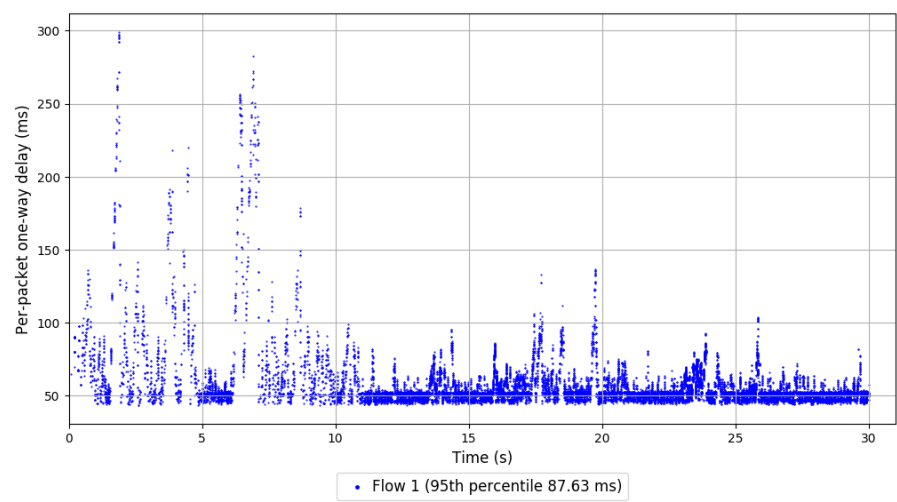
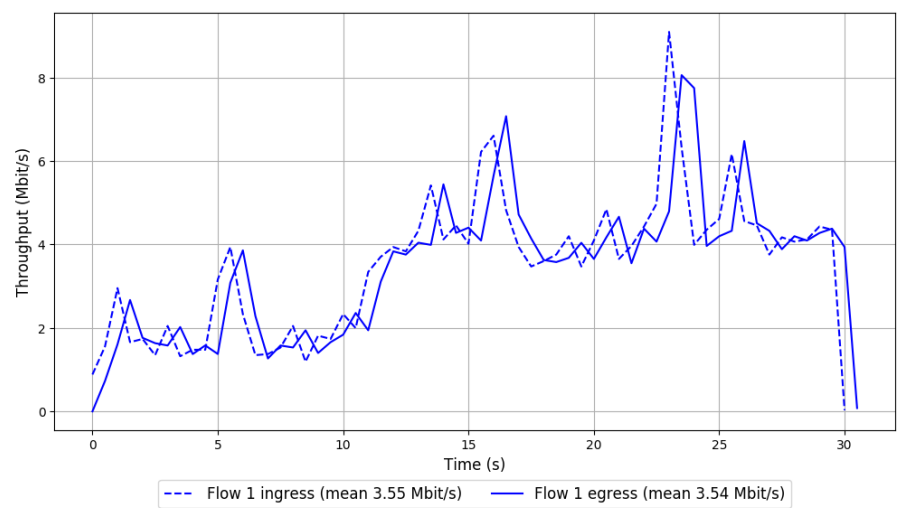


Run 1: Statistics of Copa

Start at: 2018-05-23 23:54:17
End at: 2018-05-23 23:54:47
Local clock offset: 4.115 ms
Remote clock offset: -7.558 ms

Below is generated by plot.py at 2018-05-24 02:45:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 87.626 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 87.626 ms
Loss rate: 0.32%

Run 1: Report of Copa — Data Link

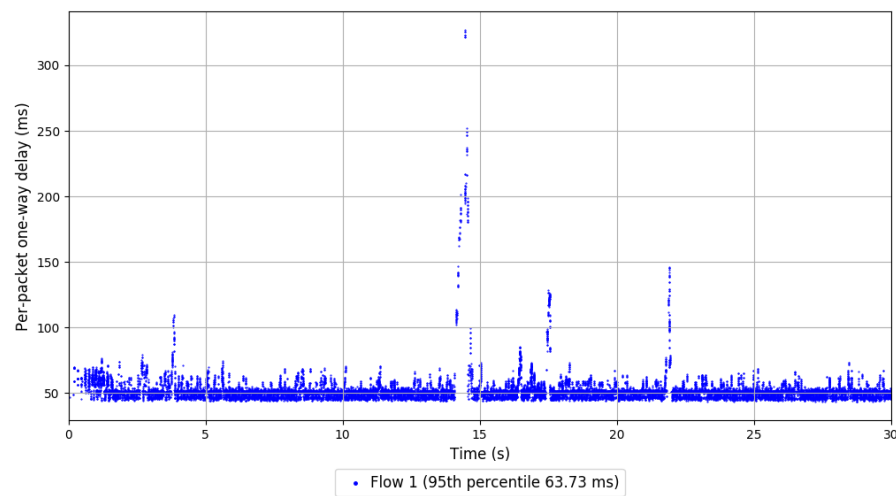
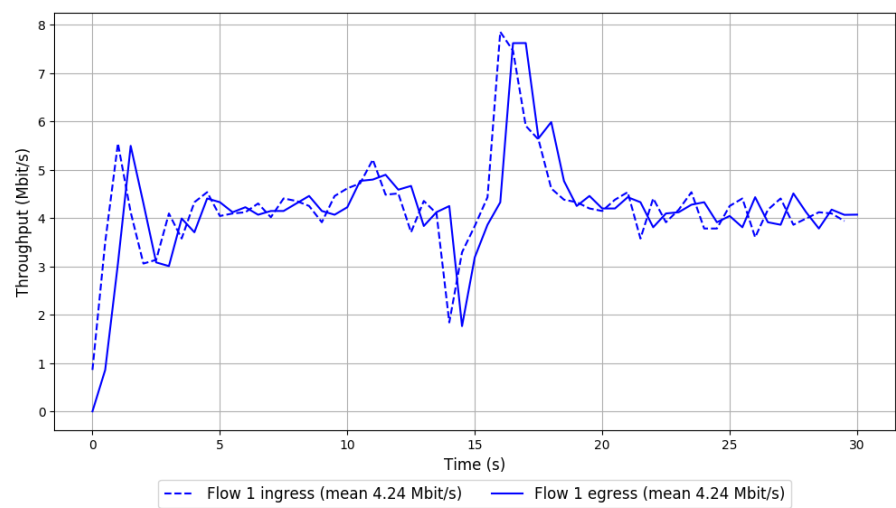


Run 2: Statistics of Copa

Start at: 2018-05-24 00:11:39
End at: 2018-05-24 00:12:09
Local clock offset: -3.138 ms
Remote clock offset: -12.119 ms

Below is generated by plot.py at 2018-05-24 02:45:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 63.726 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 63.726 ms
Loss rate: 0.08%

Run 2: Report of Copa — Data Link

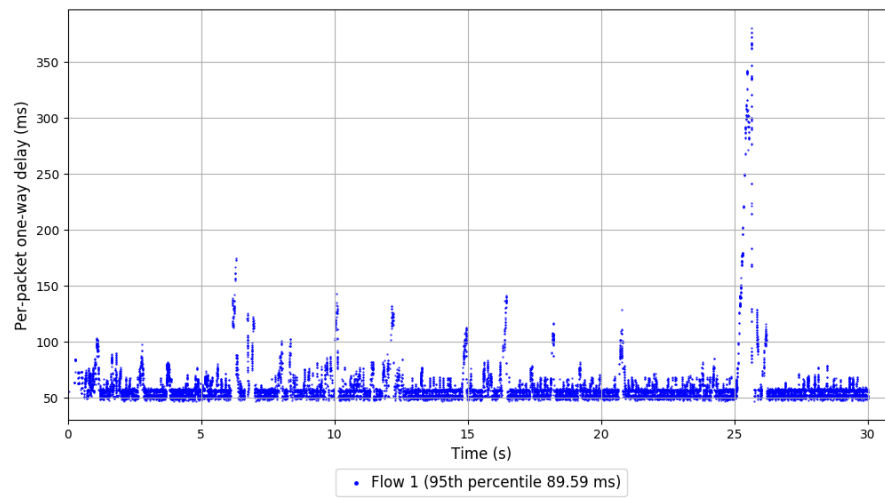
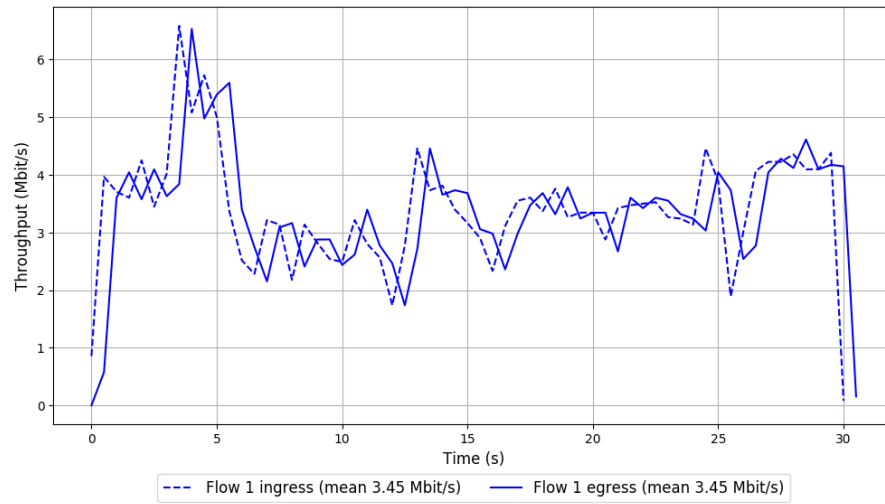


Run 3: Statistics of Copa

Start at: 2018-05-24 00:29:00
End at: 2018-05-24 00:29:30
Local clock offset: 2.433 ms
Remote clock offset: -6.498 ms

Below is generated by plot.py at 2018-05-24 02:45:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 89.589 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 89.589 ms
Loss rate: 0.20%

Run 3: Report of Copa — Data Link

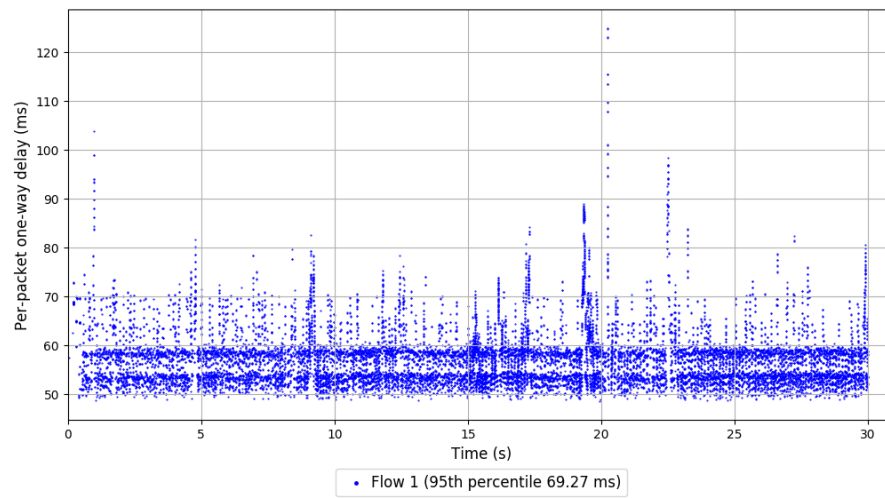
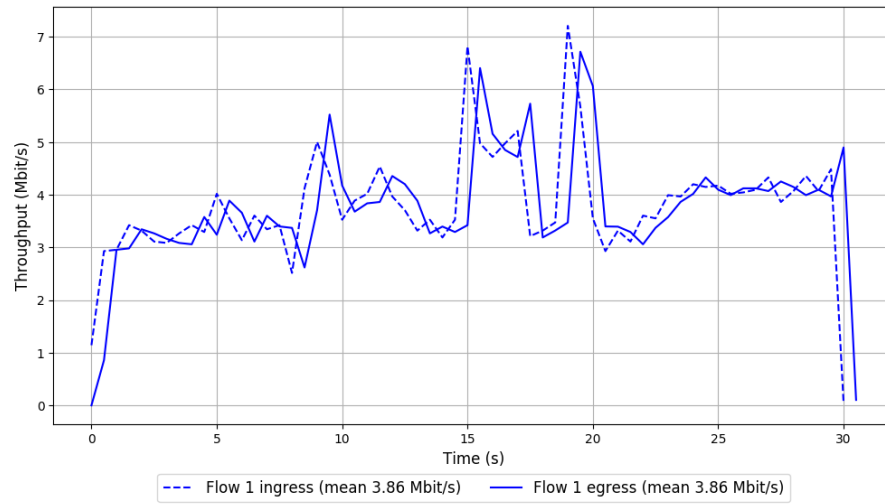


Run 4: Statistics of Copa

Start at: 2018-05-24 00:46:19
End at: 2018-05-24 00:46:49
Local clock offset: 1.792 ms
Remote clock offset: -1.447 ms

Below is generated by plot.py at 2018-05-24 02:45:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 69.270 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 69.270 ms
Loss rate: 0.09%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-05-24 01:03:38

End at: 2018-05-24 01:04:08

Local clock offset: 0.087 ms

Remote clock offset: 3.175 ms

Below is generated by plot.py at 2018-05-24 02:45:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.68 Mbit/s

95th percentile per-packet one-way delay: 82.359 ms

Loss rate: 0.12%

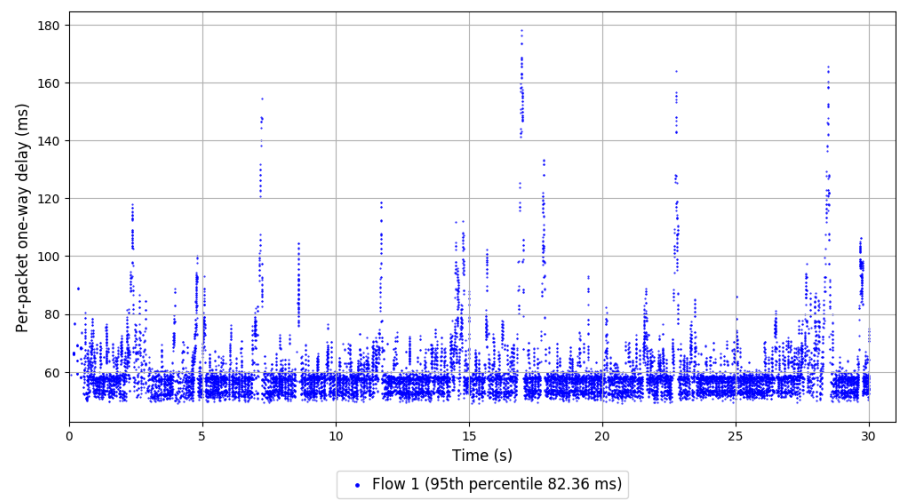
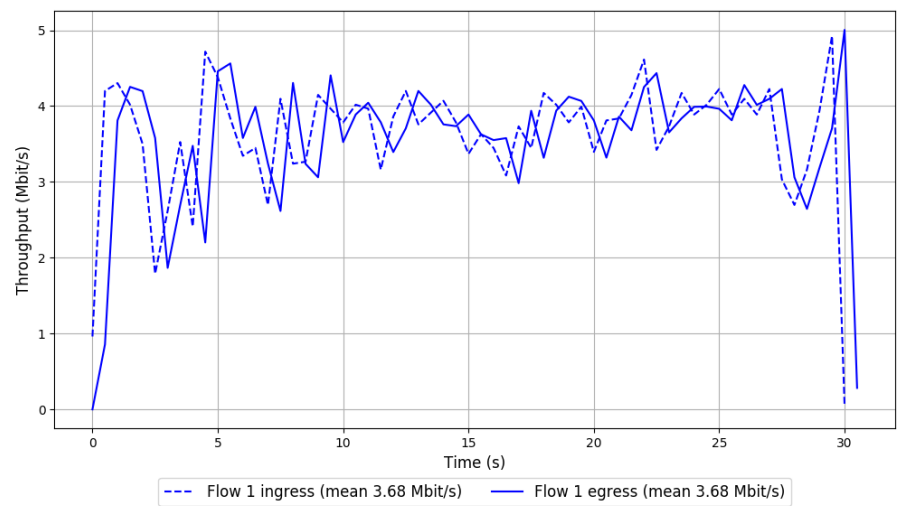
-- Flow 1:

Average throughput: 3.68 Mbit/s

95th percentile per-packet one-way delay: 82.359 ms

Loss rate: 0.12%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-05-24 01:21:05

End at: 2018-05-24 01:21:35

Local clock offset: 2.566 ms

Remote clock offset: -1.68 ms

Below is generated by plot.py at 2018-05-24 02:45:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.60 Mbit/s

95th percentile per-packet one-way delay: 65.971 ms

Loss rate: 0.12%

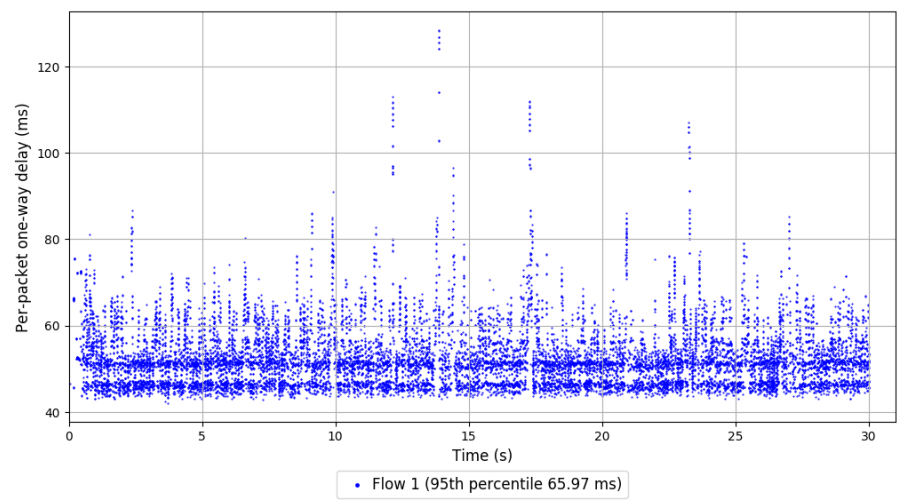
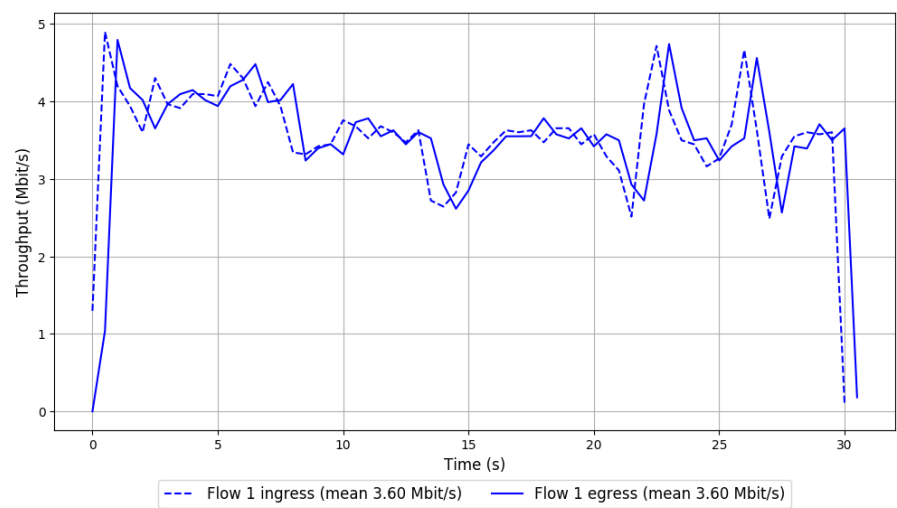
-- Flow 1:

Average throughput: 3.60 Mbit/s

95th percentile per-packet one-way delay: 65.971 ms

Loss rate: 0.12%

Run 6: Report of Copa — Data Link

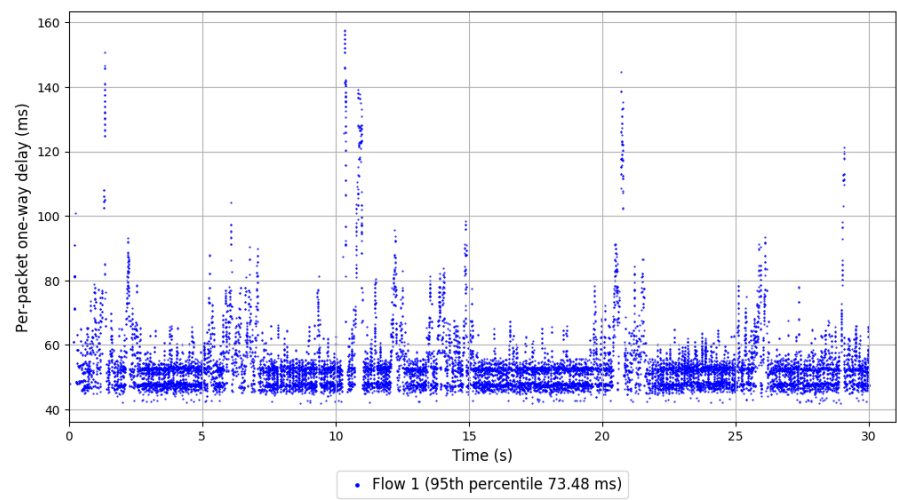
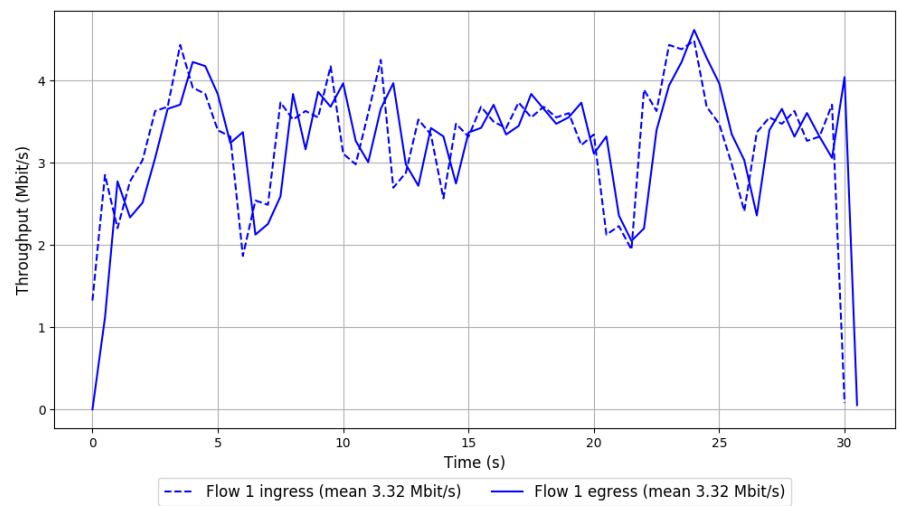


Run 7: Statistics of Copa

Start at: 2018-05-24 01:38:25
End at: 2018-05-24 01:38:55
Local clock offset: -0.232 ms
Remote clock offset: -5.389 ms

Below is generated by plot.py at 2018-05-24 02:45:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 73.479 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 73.479 ms
Loss rate: 0.12%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-05-24 01:55:48

End at: 2018-05-24 01:56:18

Local clock offset: 1.435 ms

Remote clock offset: 2.12 ms

Below is generated by plot.py at 2018-05-24 02:45:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.27 Mbit/s

95th percentile per-packet one-way delay: 79.982 ms

Loss rate: 0.12%

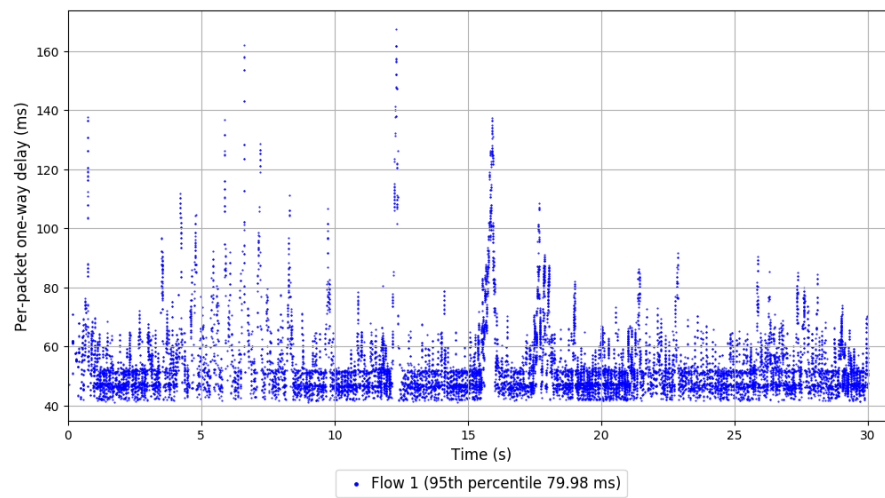
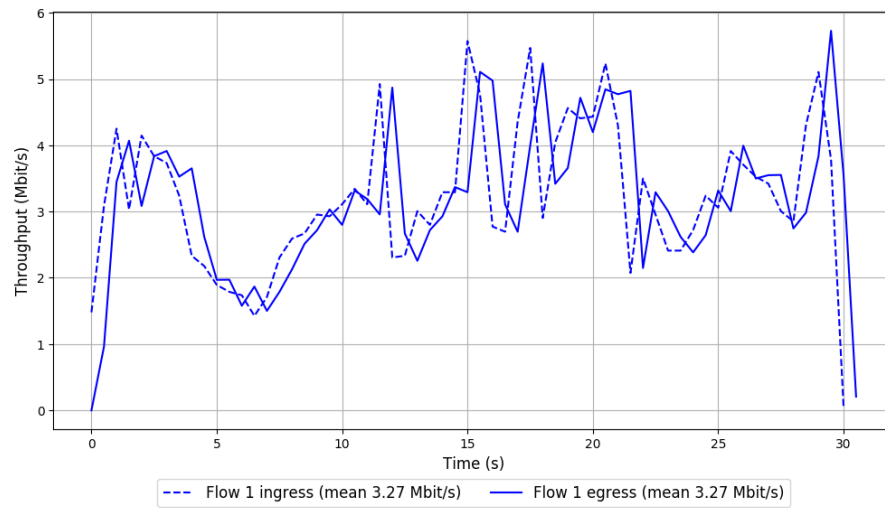
-- Flow 1:

Average throughput: 3.27 Mbit/s

95th percentile per-packet one-way delay: 79.982 ms

Loss rate: 0.12%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-05-24 02:13:10

End at: 2018-05-24 02:13:40

Local clock offset: 3.805 ms

Remote clock offset: 2.882 ms

Below is generated by plot.py at 2018-05-24 02:45:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 91.226 ms

Loss rate: 0.13%

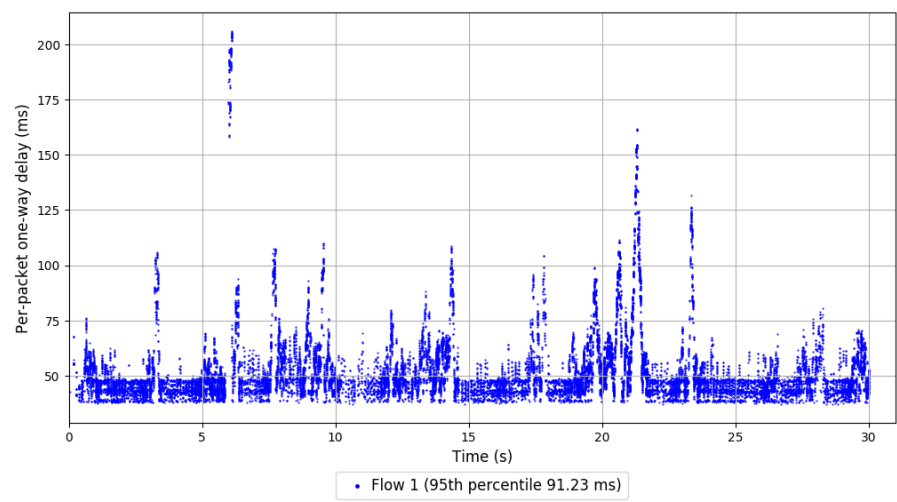
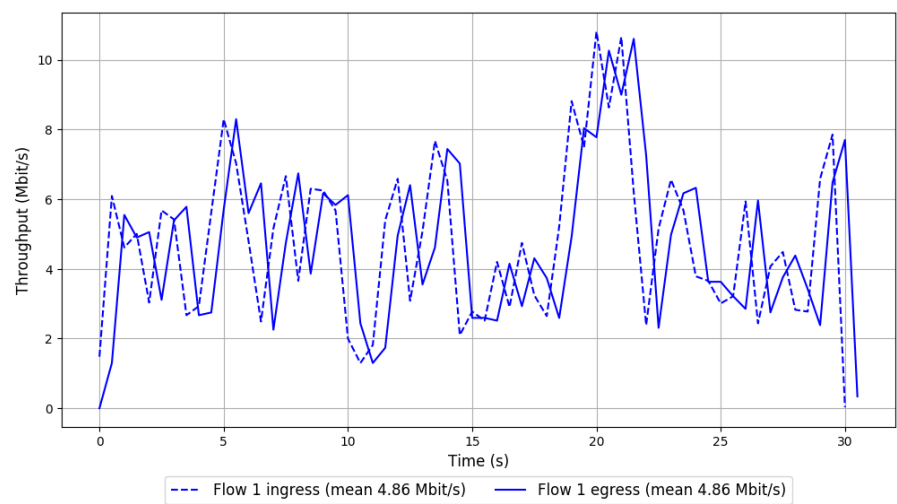
-- Flow 1:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 91.226 ms

Loss rate: 0.13%

Run 9: Report of Copa — Data Link

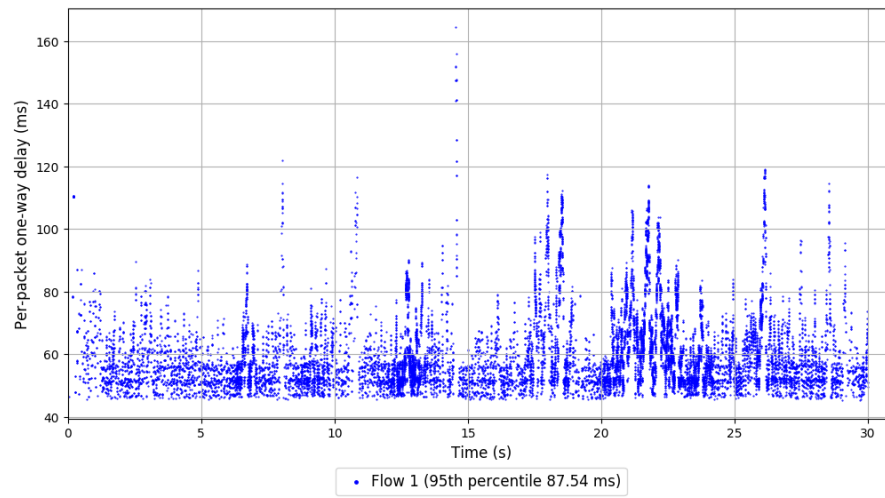
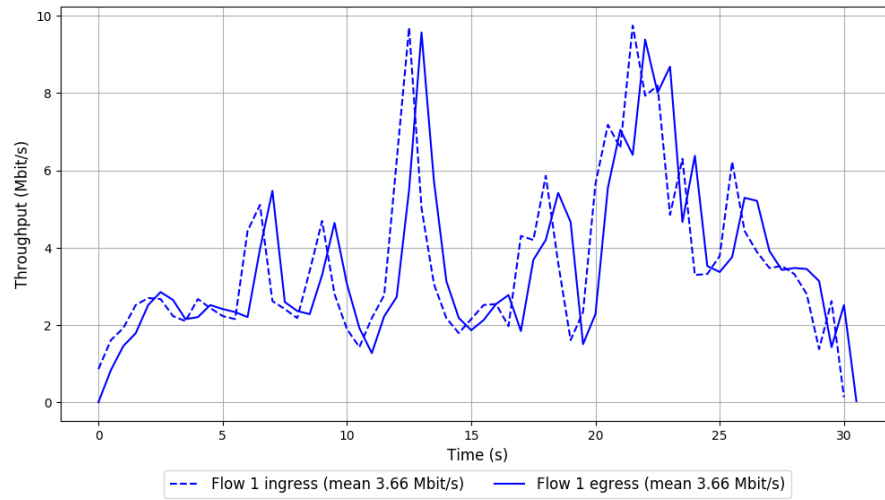


Run 10: Statistics of Copa

Start at: 2018-05-24 02:30:28
End at: 2018-05-24 02:30:58
Local clock offset: 0.147 ms
Remote clock offset: 10.094 ms

Below is generated by plot.py at 2018-05-24 02:45:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 87.542 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 87.542 ms
Loss rate: 0.15%

Run 10: Report of Copa — Data Link

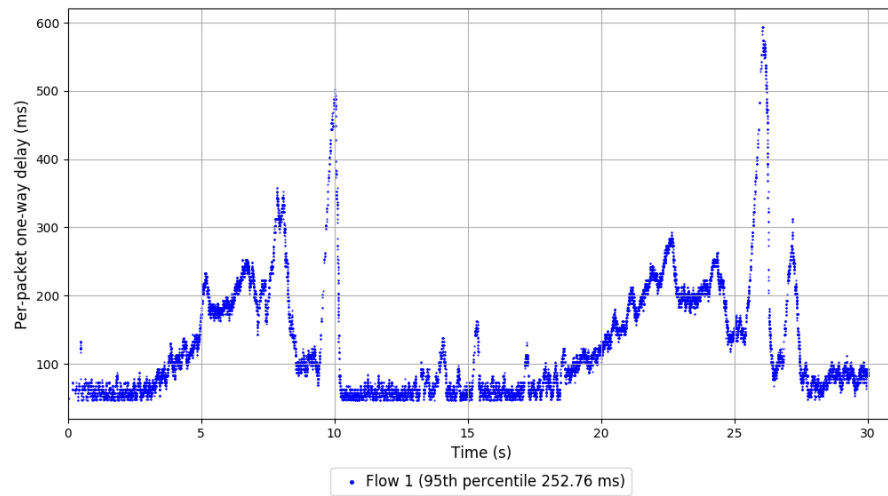
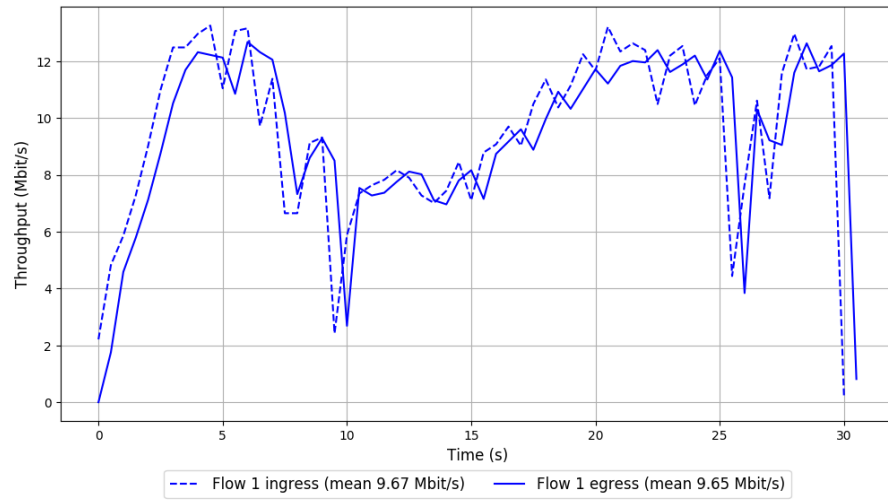


Run 1: Statistics of TCP Cubic

Start at: 2018-05-24 00:06:11
End at: 2018-05-24 00:06:41
Local clock offset: 0.091 ms
Remote clock offset: -8.563 ms

Below is generated by plot.py at 2018-05-24 02:46:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 252.757 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 252.757 ms
Loss rate: 0.34%

Run 1: Report of TCP Cubic — Data Link

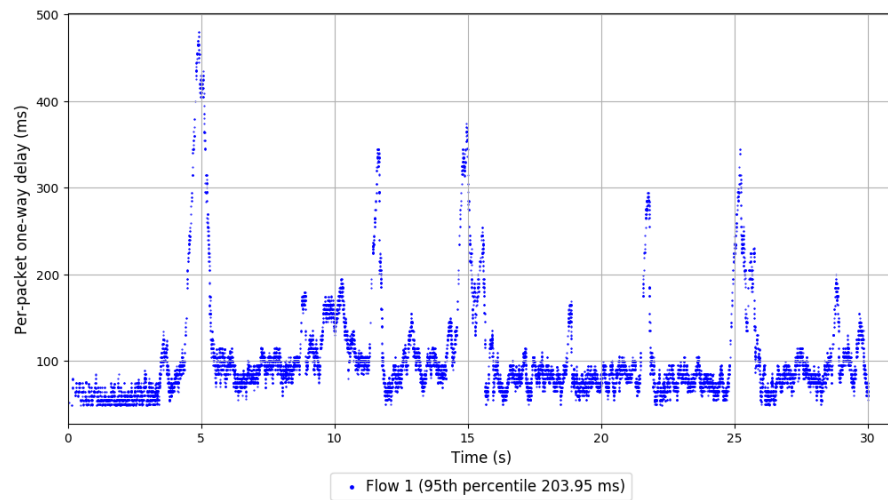
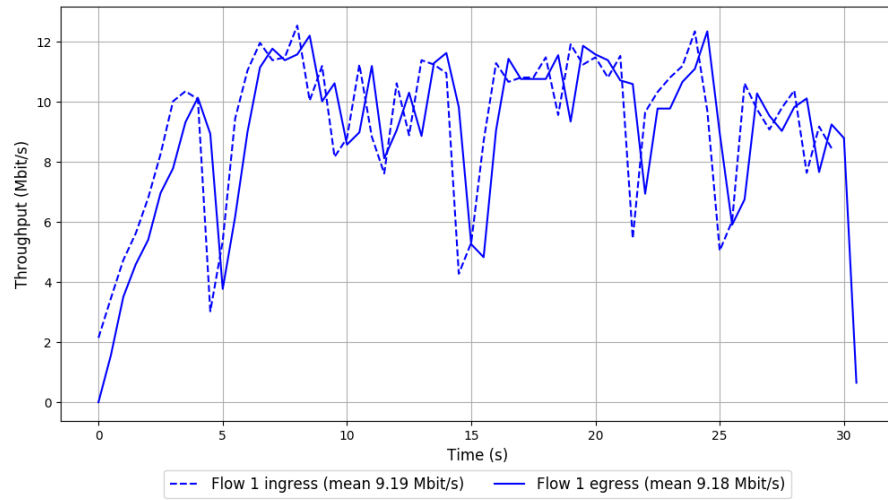


Run 2: Statistics of TCP Cubic

Start at: 2018-05-24 00:23:36
End at: 2018-05-24 00:24:06
Local clock offset: 0.102 ms
Remote clock offset: -5.175 ms

Below is generated by plot.py at 2018-05-24 02:46:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 203.953 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 203.953 ms
Loss rate: 0.19%

Run 2: Report of TCP Cubic — Data Link

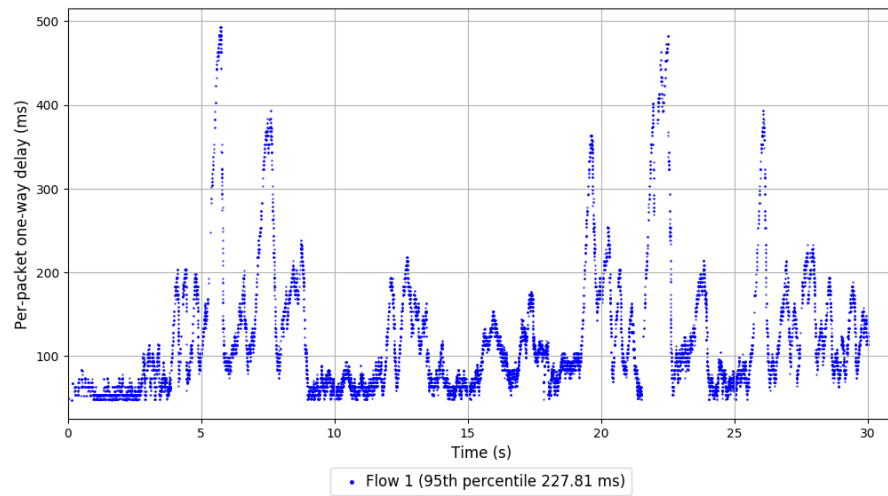
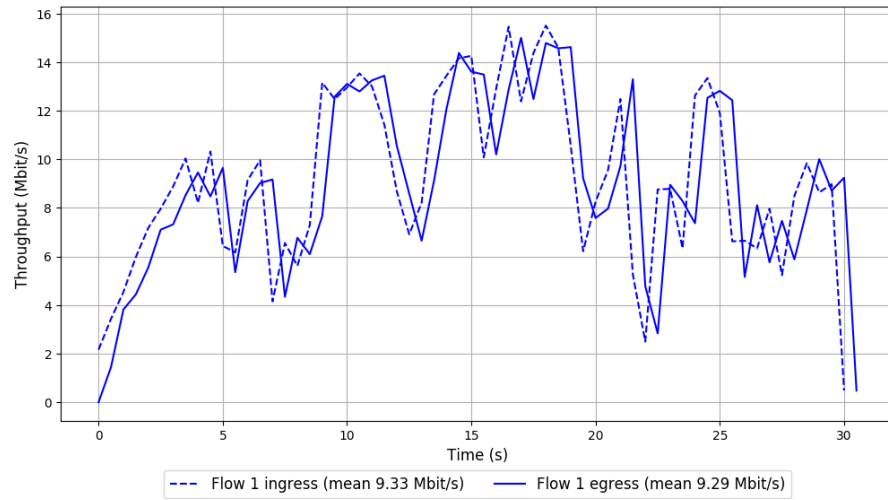


Run 3: Statistics of TCP Cubic

Start at: 2018-05-24 00:40:54
End at: 2018-05-24 00:41:24
Local clock offset: 1.656 ms
Remote clock offset: -3.549 ms

Below is generated by plot.py at 2018-05-24 02:46:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 227.815 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 227.815 ms
Loss rate: 0.52%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-05-24 00:58:14

End at: 2018-05-24 00:58:44

Local clock offset: 0.392 ms

Remote clock offset: 1.501 ms

Below is generated by plot.py at 2018-05-24 02:46:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 256.140 ms

Loss rate: 0.34%

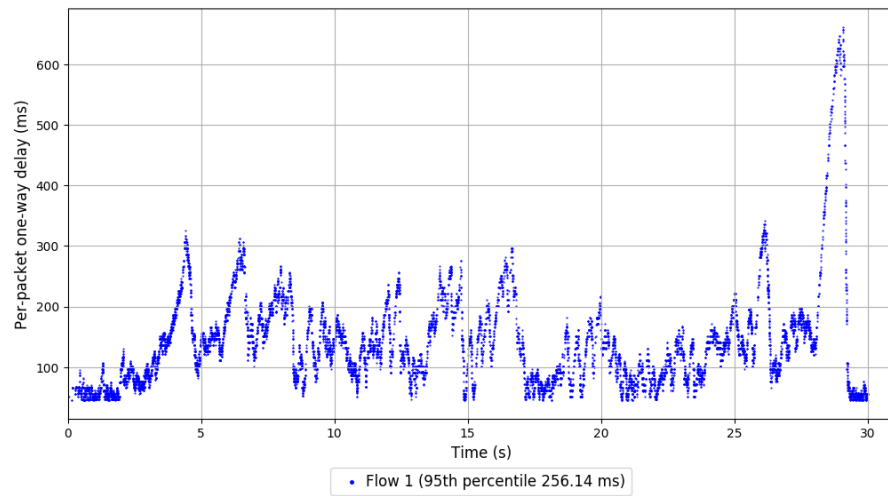
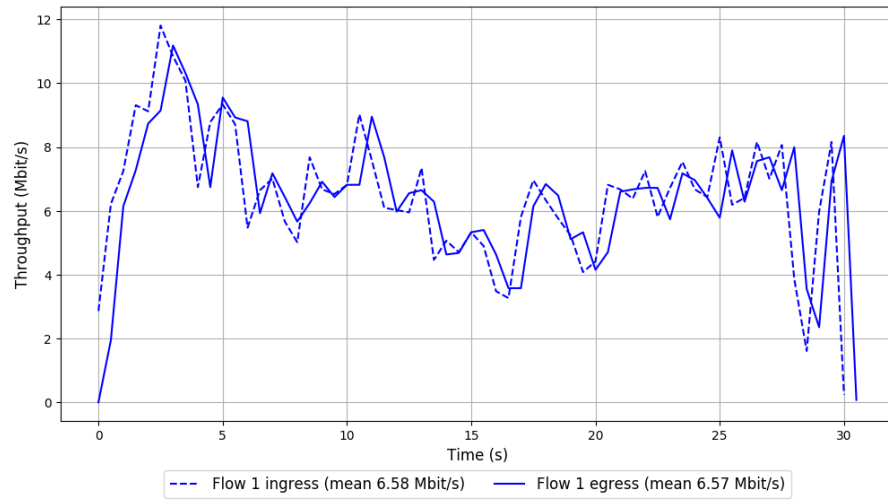
-- Flow 1:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 256.140 ms

Loss rate: 0.34%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-05-24 01:15:35

End at: 2018-05-24 01:16:05

Local clock offset: -0.874 ms

Remote clock offset: 0.502 ms

Below is generated by plot.py at 2018-05-24 02:46:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.99 Mbit/s

95th percentile per-packet one-way delay: 256.813 ms

Loss rate: 0.36%

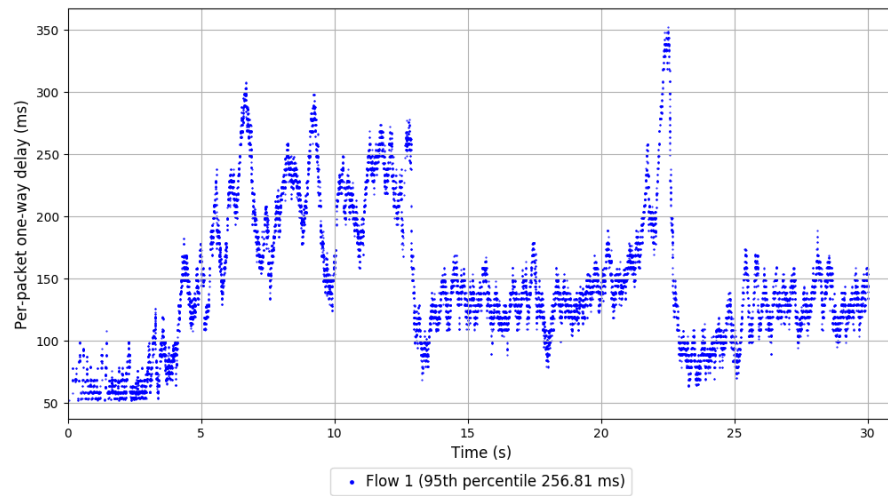
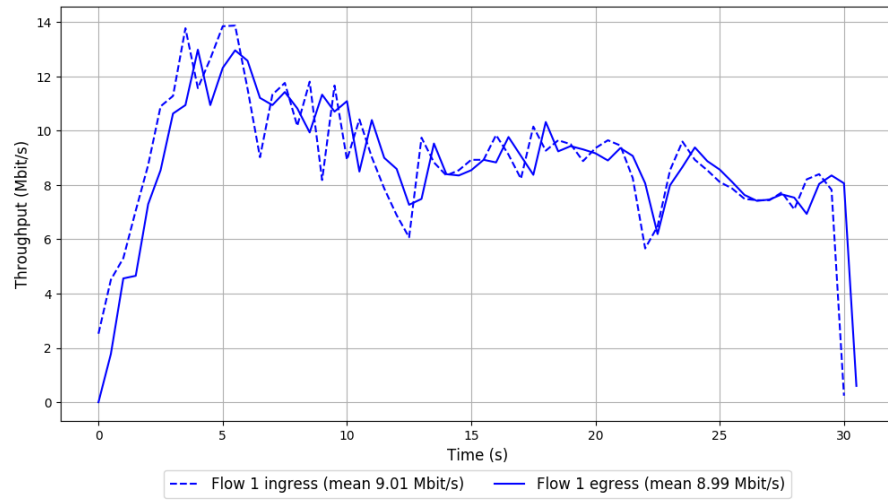
-- Flow 1:

Average throughput: 8.99 Mbit/s

95th percentile per-packet one-way delay: 256.813 ms

Loss rate: 0.36%

Run 5: Report of TCP Cubic — Data Link

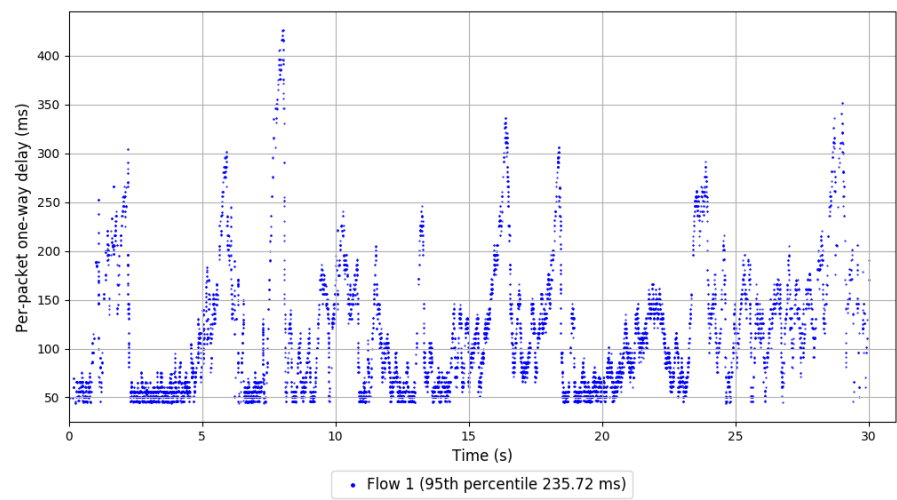
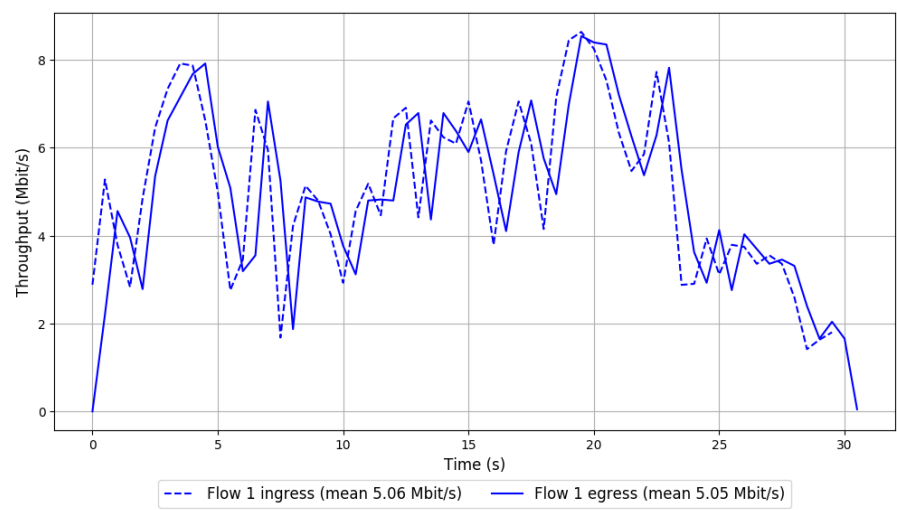


Run 6: Statistics of TCP Cubic

Start at: 2018-05-24 01:33:01
End at: 2018-05-24 01:33:31
Local clock offset: 1.426 ms
Remote clock offset: -4.261 ms

Below is generated by plot.py at 2018-05-24 02:46:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 235.717 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 235.717 ms
Loss rate: 0.28%

Run 6: Report of TCP Cubic — Data Link

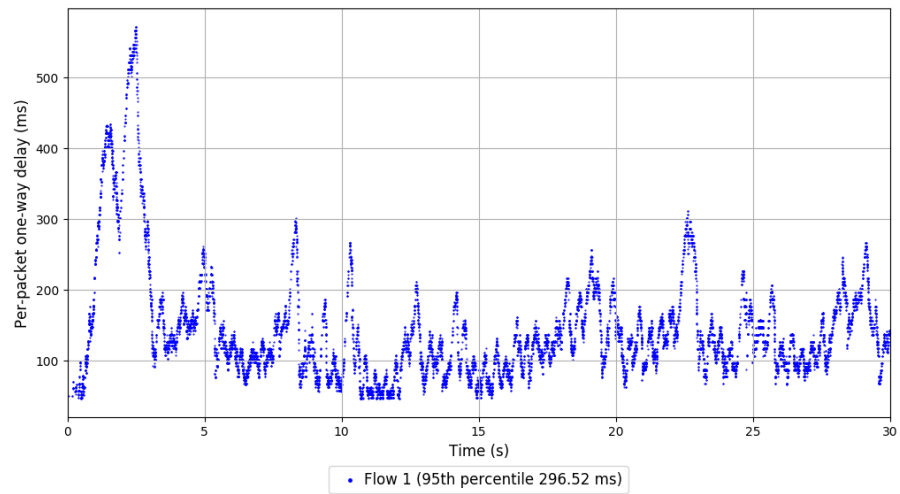
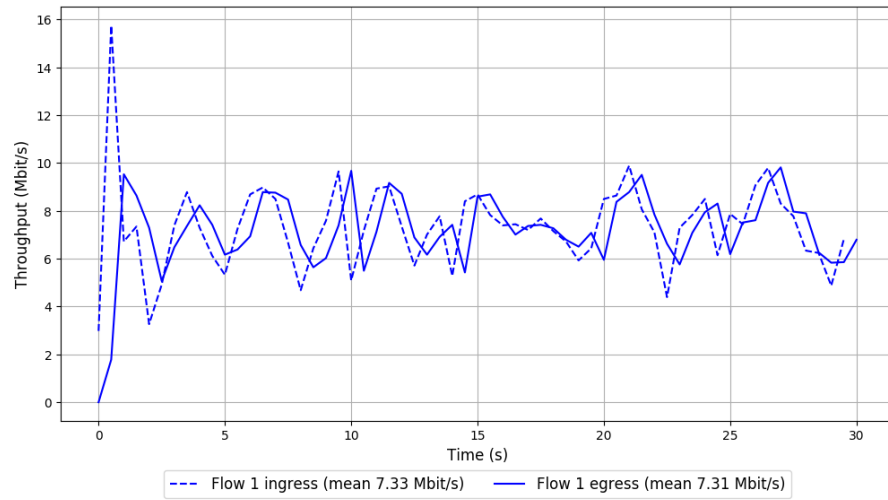


Run 7: Statistics of TCP Cubic

Start at: 2018-05-24 01:50:25
End at: 2018-05-24 01:50:55
Local clock offset: -0.368 ms
Remote clock offset: -1.469 ms

Below is generated by plot.py at 2018-05-24 02:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 296.519 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 296.519 ms
Loss rate: 0.43%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-05-24 02:07:41

End at: 2018-05-24 02:08:11

Local clock offset: 1.719 ms

Remote clock offset: 4.348 ms

Below is generated by plot.py at 2018-05-24 02:46:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.52 Mbit/s

95th percentile per-packet one-way delay: 236.994 ms

Loss rate: 0.34%

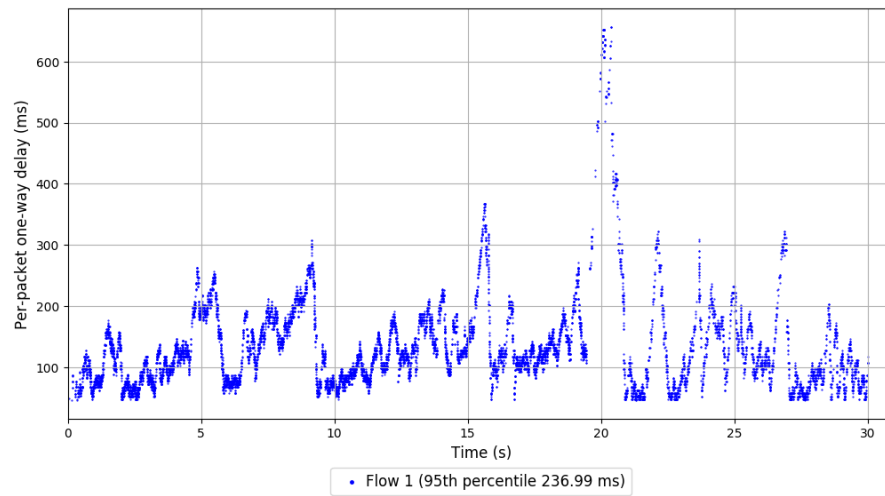
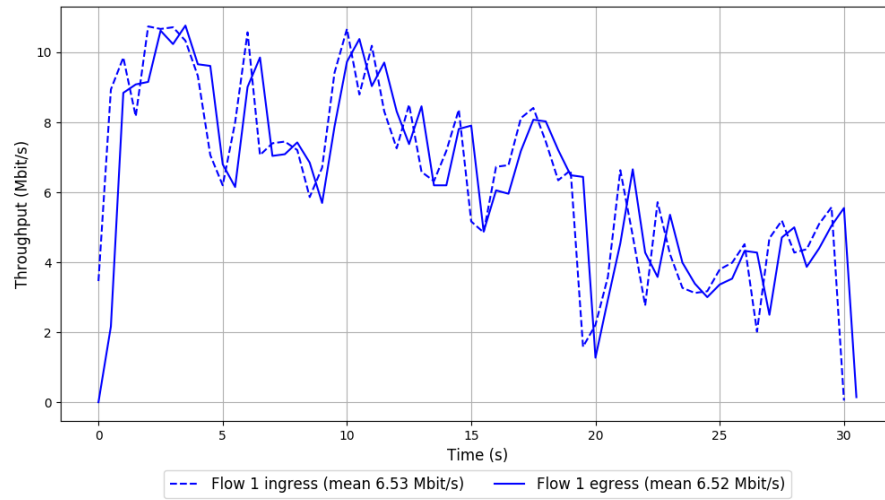
-- Flow 1:

Average throughput: 6.52 Mbit/s

95th percentile per-packet one-way delay: 236.994 ms

Loss rate: 0.34%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-05-24 02:25:03

End at: 2018-05-24 02:25:33

Local clock offset: 0.827 ms

Remote clock offset: 9.442 ms

Below is generated by plot.py at 2018-05-24 02:46:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.38 Mbit/s

95th percentile per-packet one-way delay: 238.707 ms

Loss rate: 0.38%

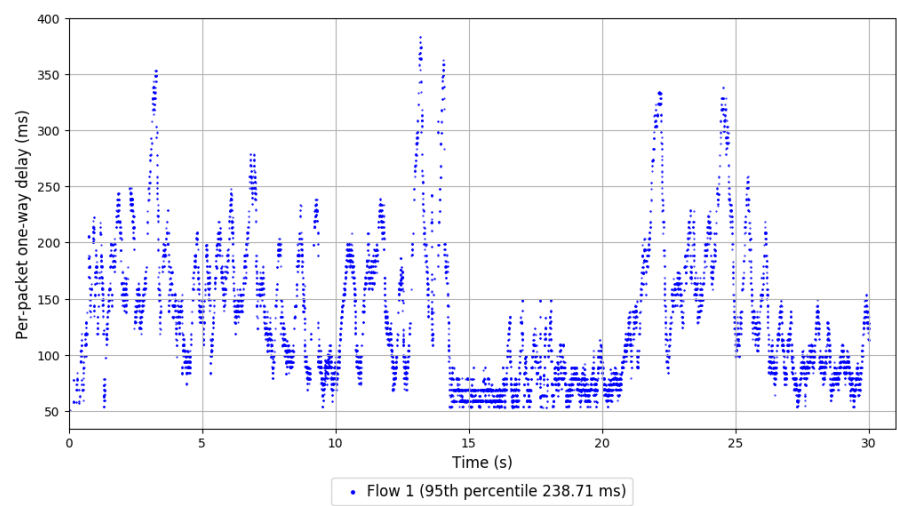
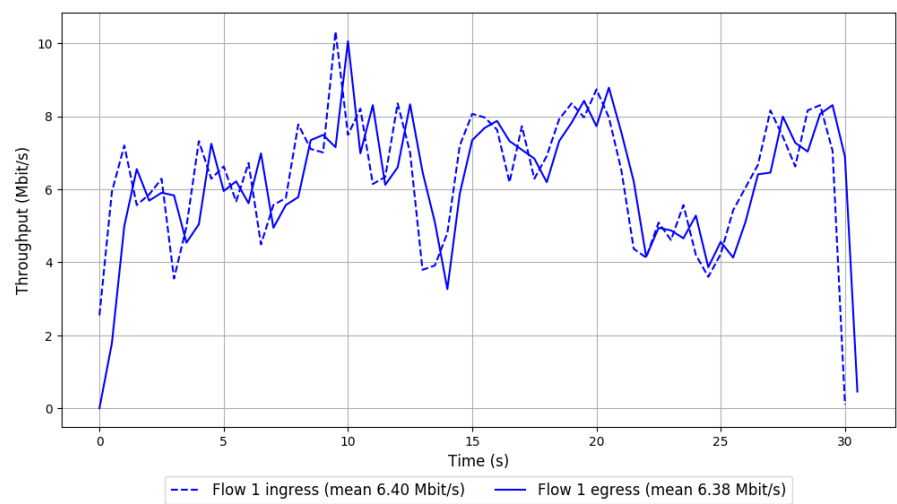
-- Flow 1:

Average throughput: 6.38 Mbit/s

95th percentile per-packet one-way delay: 238.707 ms

Loss rate: 0.38%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-05-24 02:42:22

End at: 2018-05-24 02:42:52

Local clock offset: -0.132 ms

Remote clock offset: 13.002 ms

Below is generated by plot.py at 2018-05-24 02:46:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.39 Mbit/s

95th percentile per-packet one-way delay: 284.910 ms

Loss rate: 0.64%

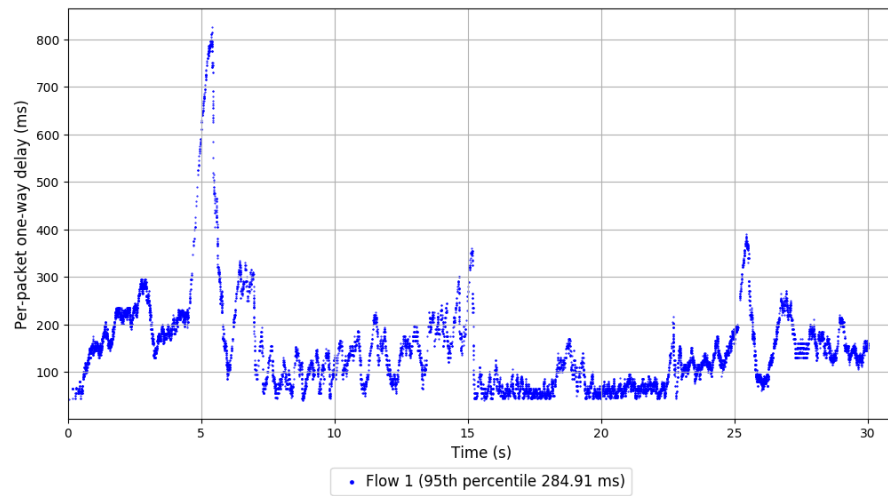
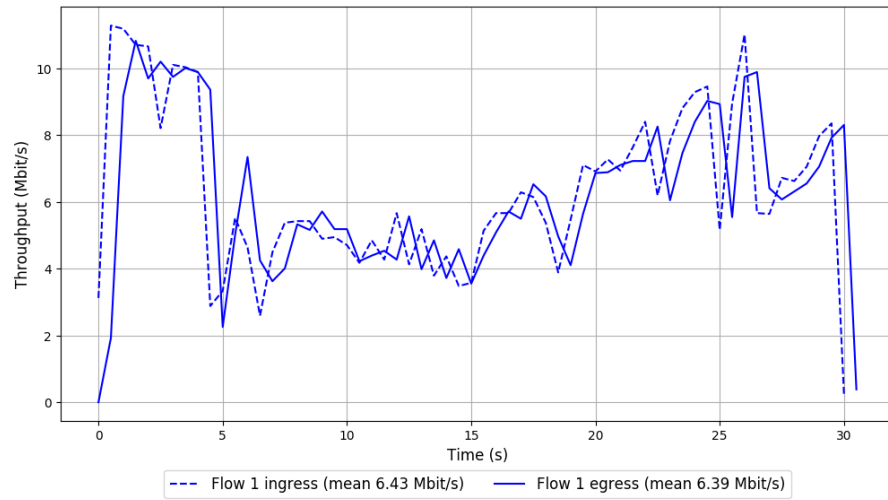
-- Flow 1:

Average throughput: 6.39 Mbit/s

95th percentile per-packet one-way delay: 284.910 ms

Loss rate: 0.64%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-05-24 00:02:55

End at: 2018-05-24 00:03:25

Local clock offset: 0.808 ms

Remote clock offset: -8.1 ms

Below is generated by plot.py at 2018-05-24 02:46:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.48 Mbit/s

95th percentile per-packet one-way delay: 1084.554 ms

Loss rate: 47.11%

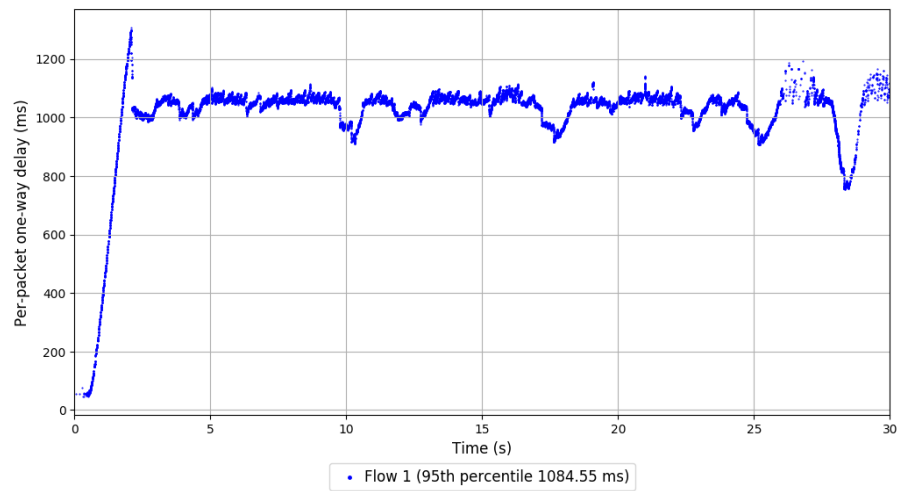
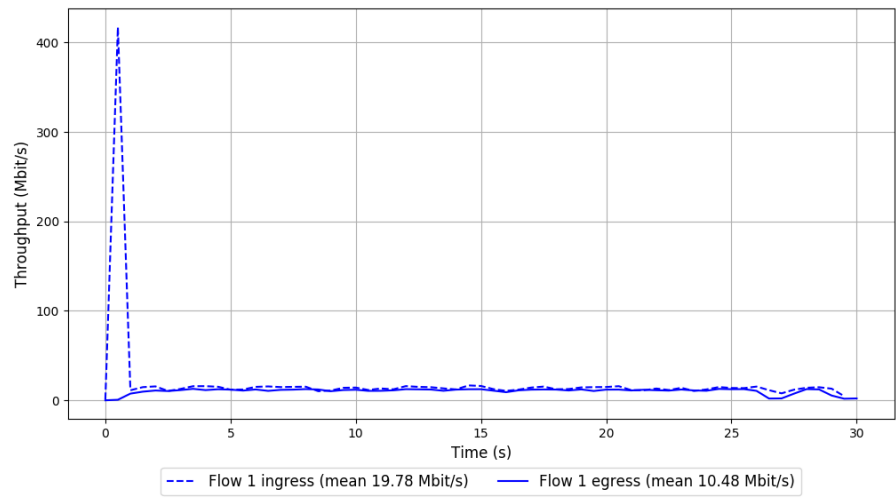
-- Flow 1:

Average throughput: 10.48 Mbit/s

95th percentile per-packet one-way delay: 1084.554 ms

Loss rate: 47.11%

Run 1: Report of FillP — Data Link

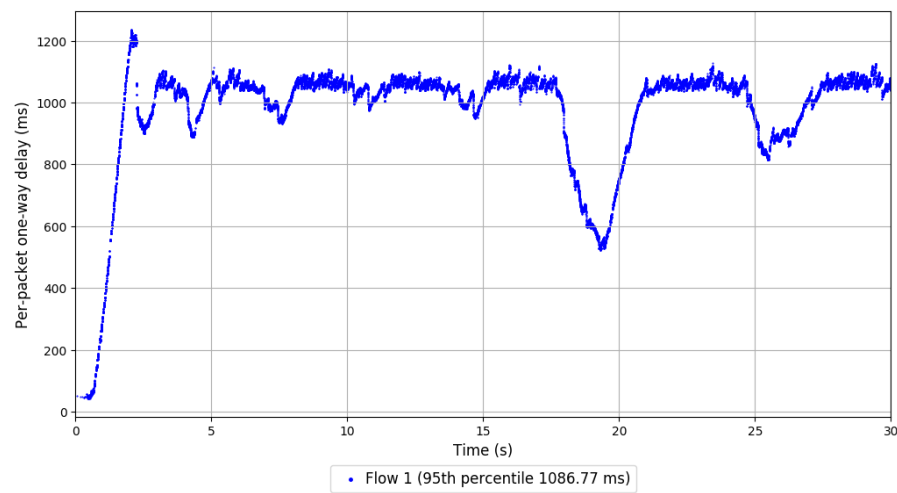
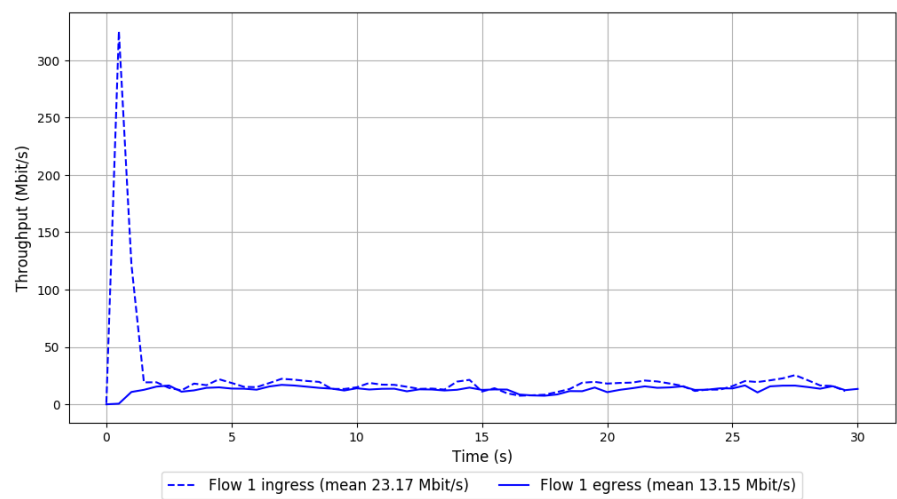


Run 2: Statistics of FillP

Start at: 2018-05-24 00:20:20
End at: 2018-05-24 00:20:50
Local clock offset: 2.586 ms
Remote clock offset: -6.991 ms

Below is generated by plot.py at 2018-05-24 02:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 1086.765 ms
Loss rate: 43.36%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 1086.765 ms
Loss rate: 43.36%

Run 2: Report of FillP — Data Link

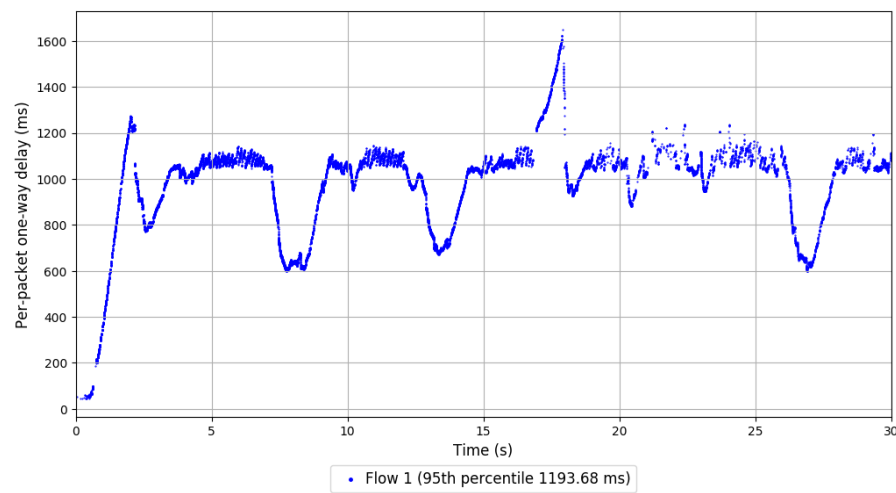
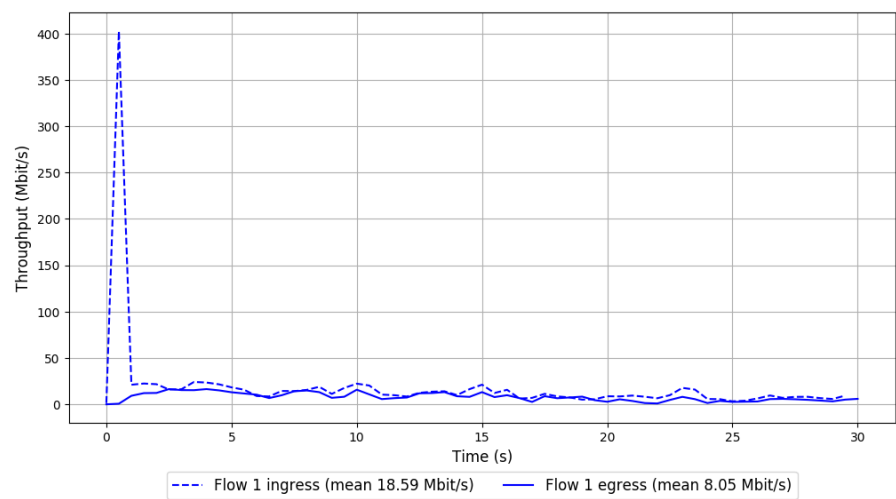


Run 3: Statistics of FillP

Start at: 2018-05-24 00:37:39
End at: 2018-05-24 00:38:09
Local clock offset: 1.137 ms
Remote clock offset: -5.998 ms

Below is generated by plot.py at 2018-05-24 02:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 1193.682 ms
Loss rate: 56.74%
-- Flow 1:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 1193.682 ms
Loss rate: 56.74%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-05-24 00:54:59

End at: 2018-05-24 00:55:29

Local clock offset: 1.56 ms

Remote clock offset: 0.417 ms

Below is generated by plot.py at 2018-05-24 02:46:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 1085.622 ms

Loss rate: 43.47%

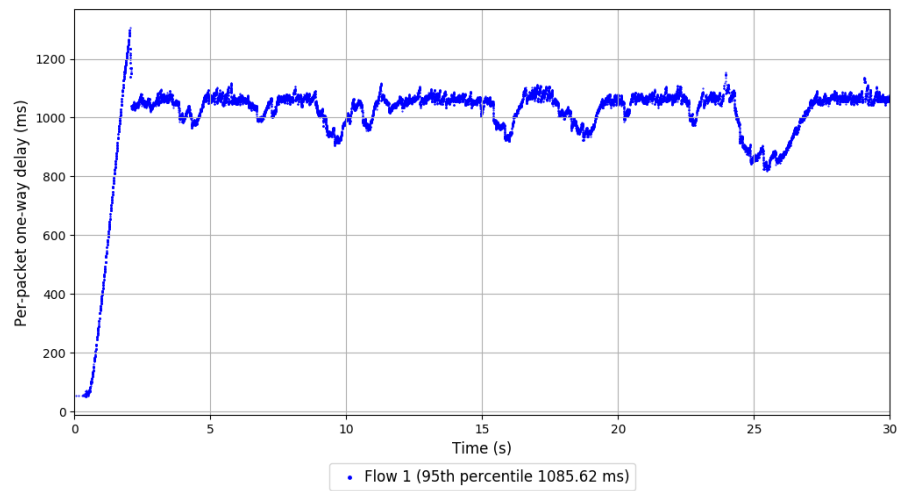
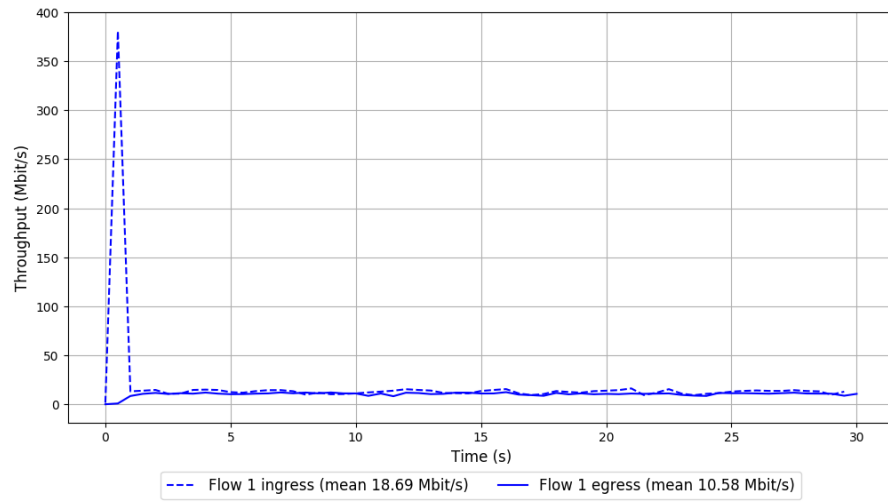
-- Flow 1:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 1085.622 ms

Loss rate: 43.47%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-05-24 01:12:18

End at: 2018-05-24 01:12:48

Local clock offset: 1.145 ms

Remote clock offset: 3.099 ms

Below is generated by plot.py at 2018-05-24 02:46:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 1091.950 ms

Loss rate: 50.14%

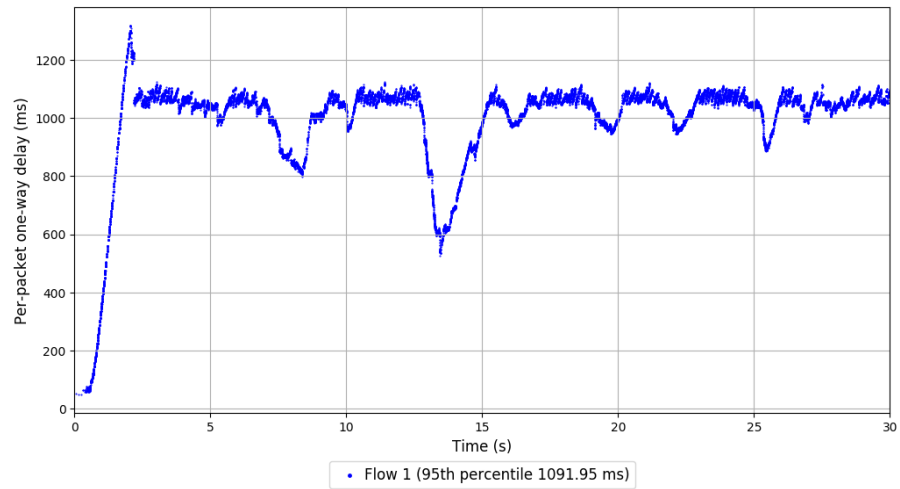
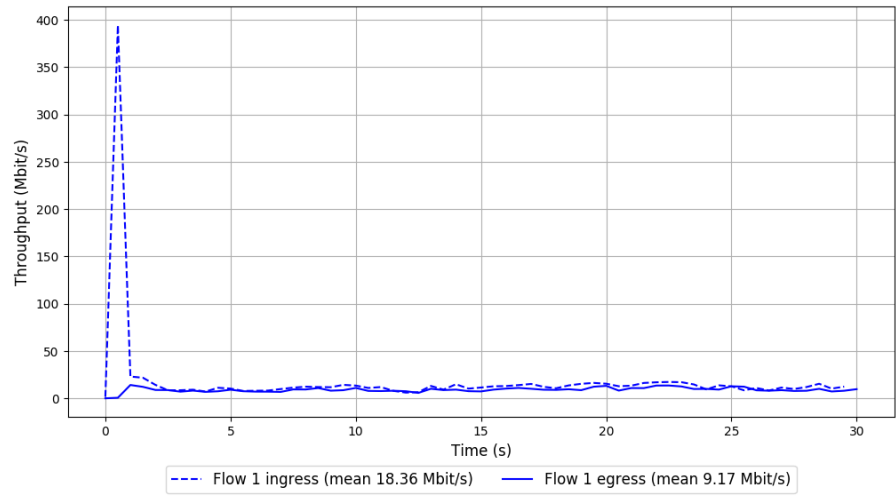
-- Flow 1:

Average throughput: 9.17 Mbit/s

95th percentile per-packet one-way delay: 1091.950 ms

Loss rate: 50.14%

Run 5: Report of FillP — Data Link

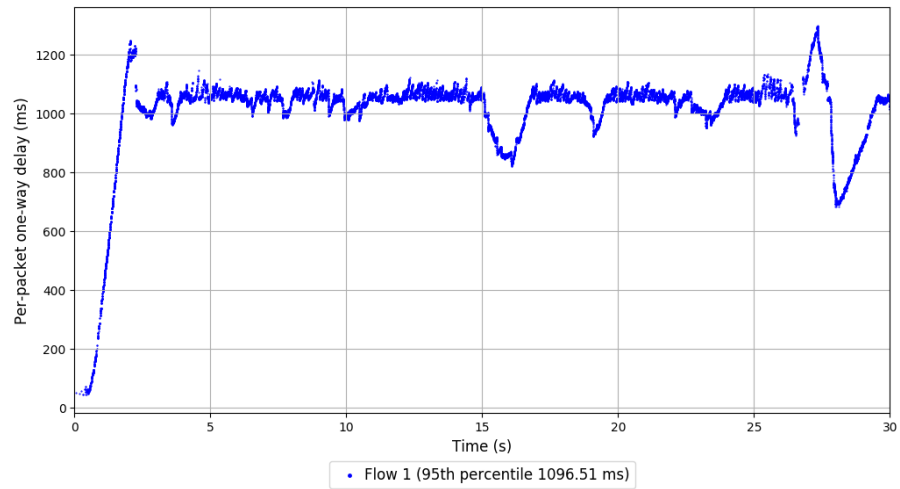
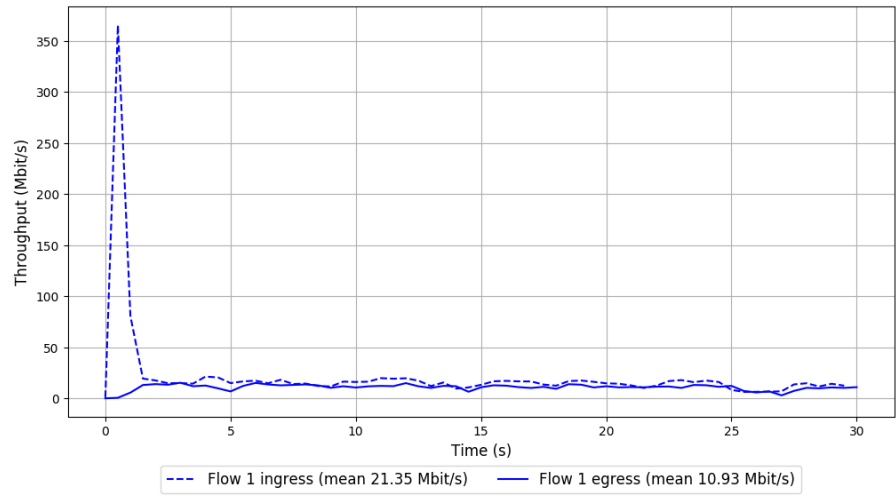


Run 6: Statistics of FillP

Start at: 2018-05-24 01:29:45
End at: 2018-05-24 01:30:15
Local clock offset: 0.795 ms
Remote clock offset: -5.858 ms

Below is generated by plot.py at 2018-05-24 02:46:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 1096.512 ms
Loss rate: 48.88%
-- Flow 1:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 1096.512 ms
Loss rate: 48.88%

Run 6: Report of FillP — Data Link

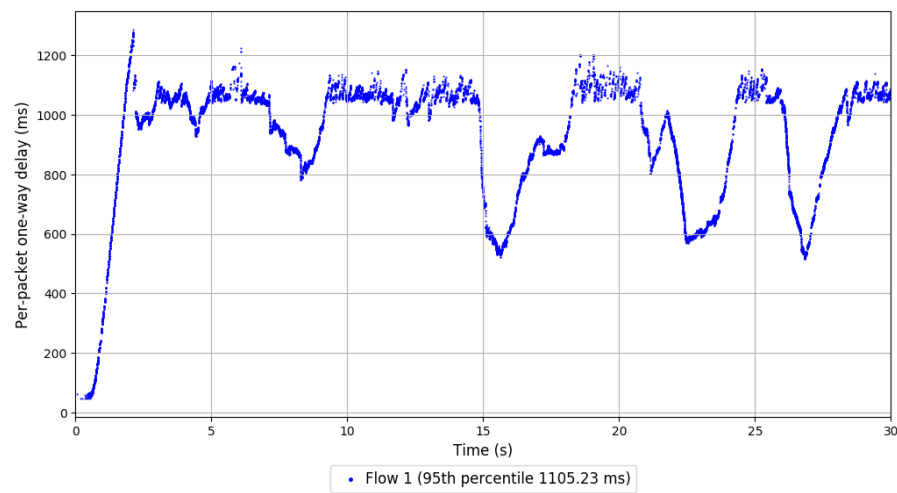
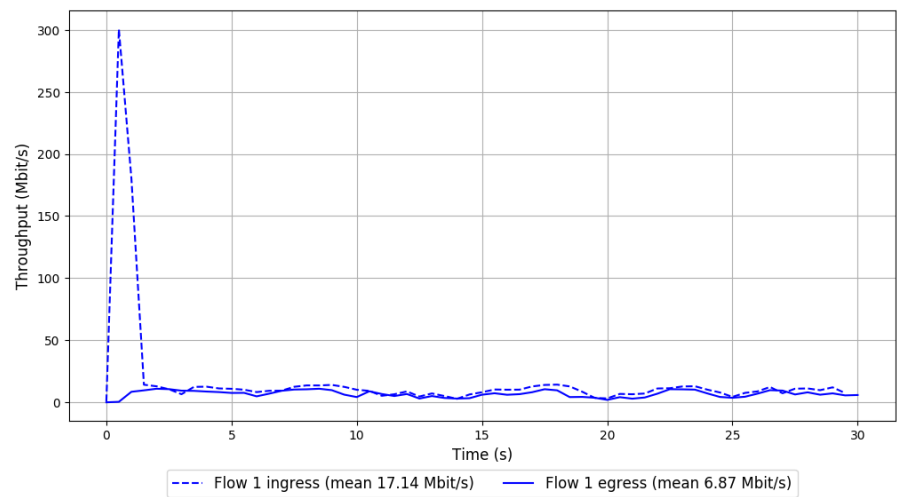


Run 7: Statistics of FillP

Start at: 2018-05-24 01:47:10
End at: 2018-05-24 01:47:40
Local clock offset: 1.474 ms
Remote clock offset: -4.031 ms

Below is generated by plot.py at 2018-05-24 02:46:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 1105.234 ms
Loss rate: 60.01%
-- Flow 1:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 1105.234 ms
Loss rate: 60.01%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-05-24 02:04:26

End at: 2018-05-24 02:04:56

Local clock offset: -1.069 ms

Remote clock offset: 4.137 ms

Below is generated by plot.py at 2018-05-24 02:46:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.29 Mbit/s

95th percentile per-packet one-way delay: 1109.253 ms

Loss rate: 43.53%

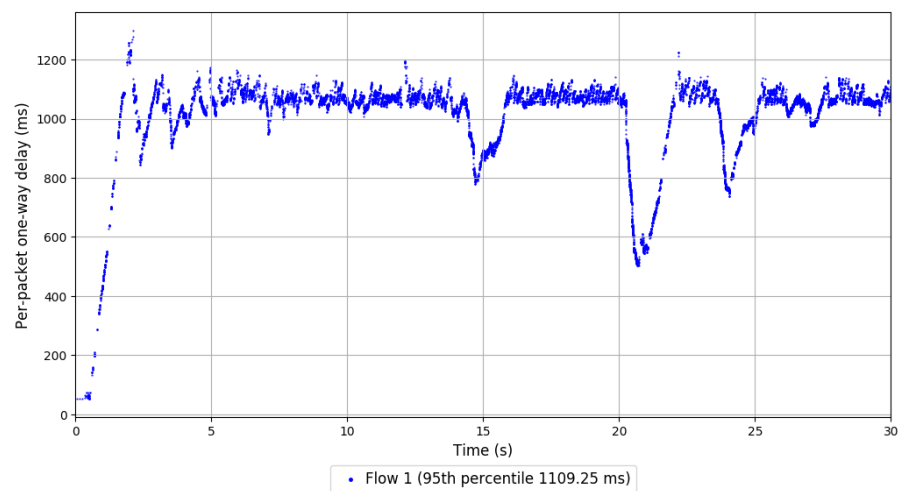
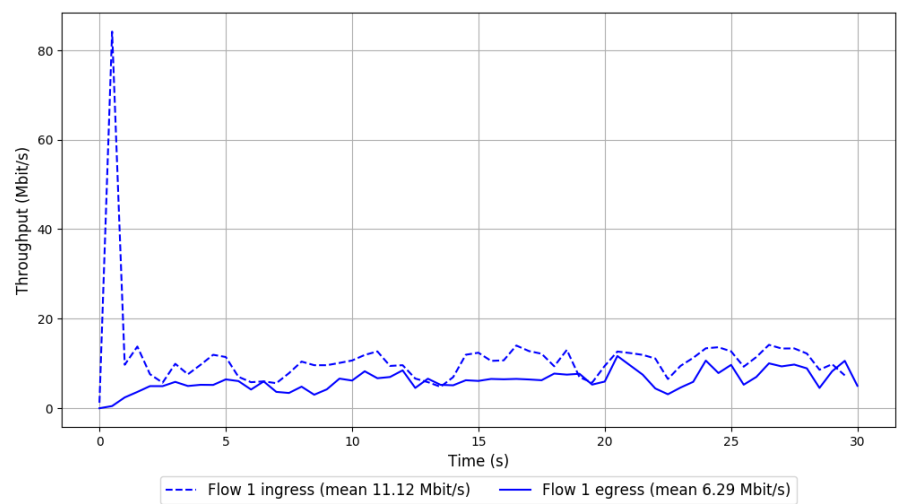
-- Flow 1:

Average throughput: 6.29 Mbit/s

95th percentile per-packet one-way delay: 1109.253 ms

Loss rate: 43.53%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-05-24 02:21:48

End at: 2018-05-24 02:22:18

Local clock offset: 0.732 ms

Remote clock offset: 5.833 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.55 Mbit/s

95th percentile per-packet one-way delay: 1106.829 ms

Loss rate: 40.86%

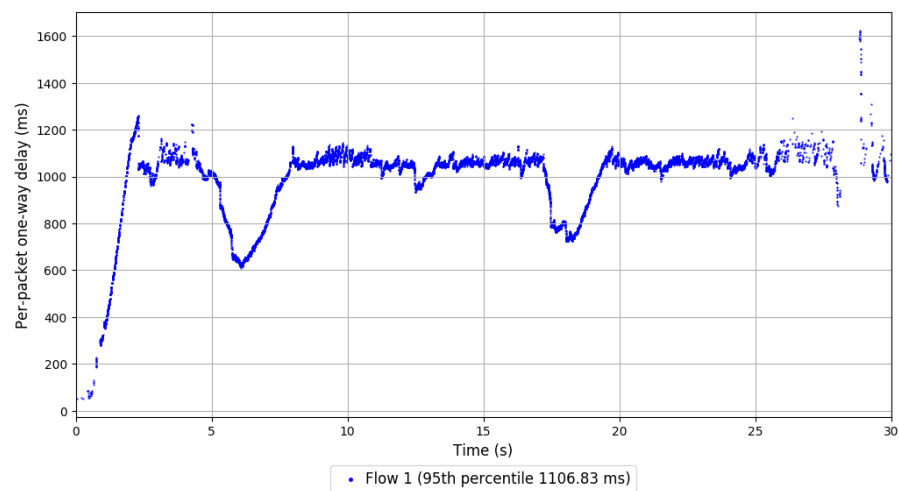
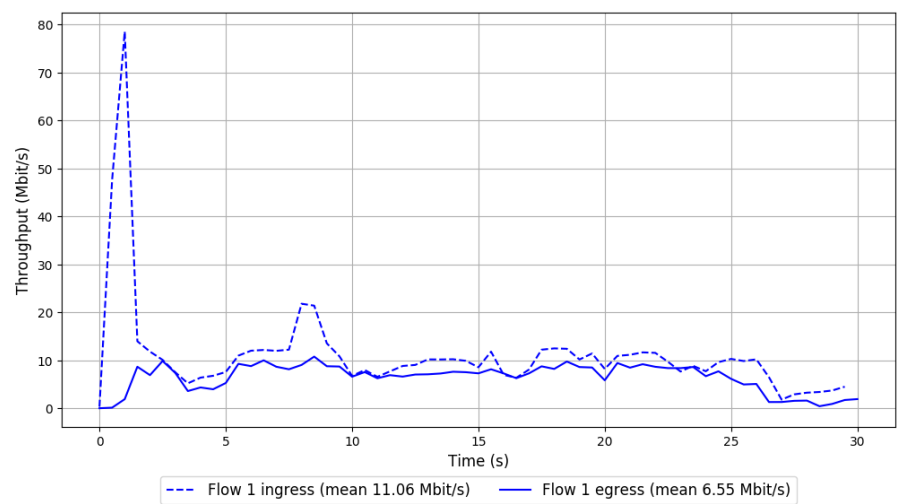
-- Flow 1:

Average throughput: 6.55 Mbit/s

95th percentile per-packet one-way delay: 1106.829 ms

Loss rate: 40.86%

Run 9: Report of FillP — Data Link

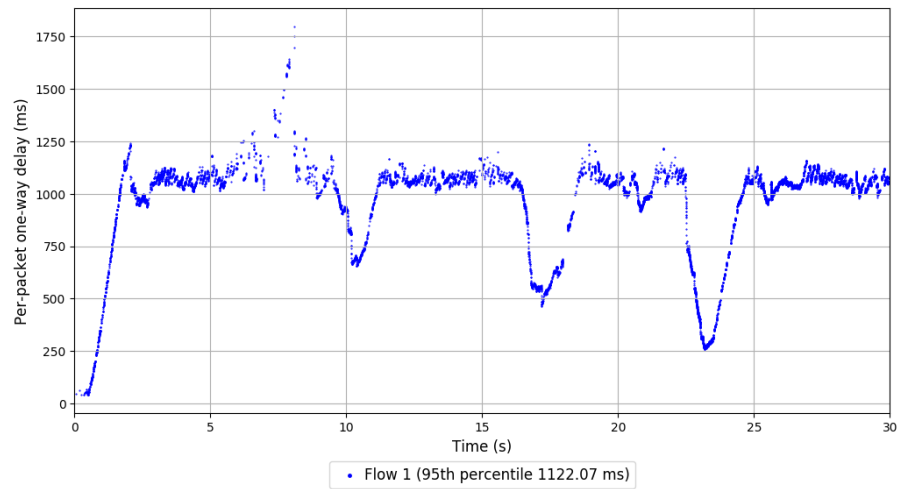
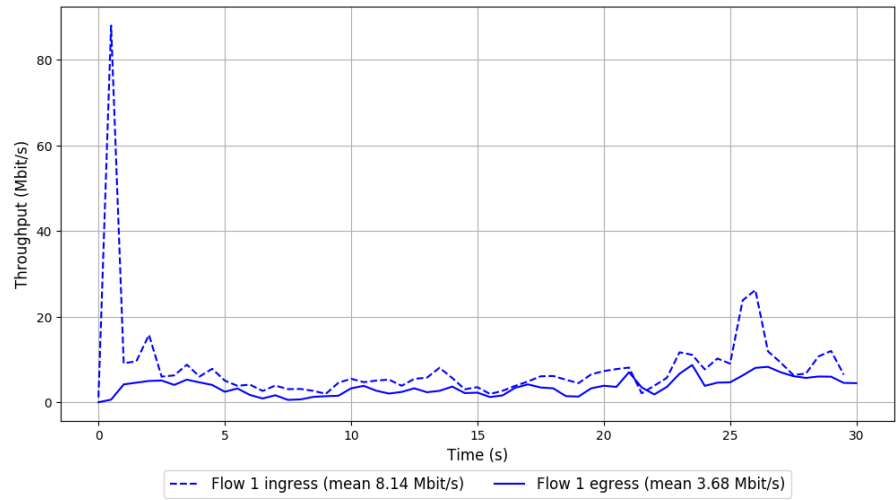


Run 10: Statistics of FillP

Start at: 2018-05-24 02:39:07
End at: 2018-05-24 02:39:37
Local clock offset: 0.331 ms
Remote clock offset: 11.131 ms

Below is generated by plot.py at 2018-05-24 02:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 1122.069 ms
Loss rate: 54.94%
-- Flow 1:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 1122.069 ms
Loss rate: 54.94%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo

Start at: 2018-05-24 00:00:45

End at: 2018-05-24 00:01:15

Local clock offset: 4.743 ms

Remote clock offset: -7.778 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 67.888 ms

Loss rate: 0.10%

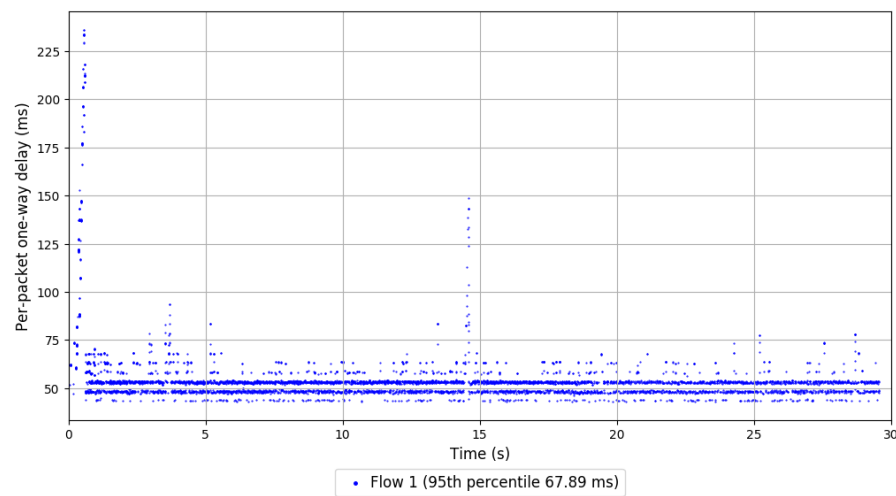
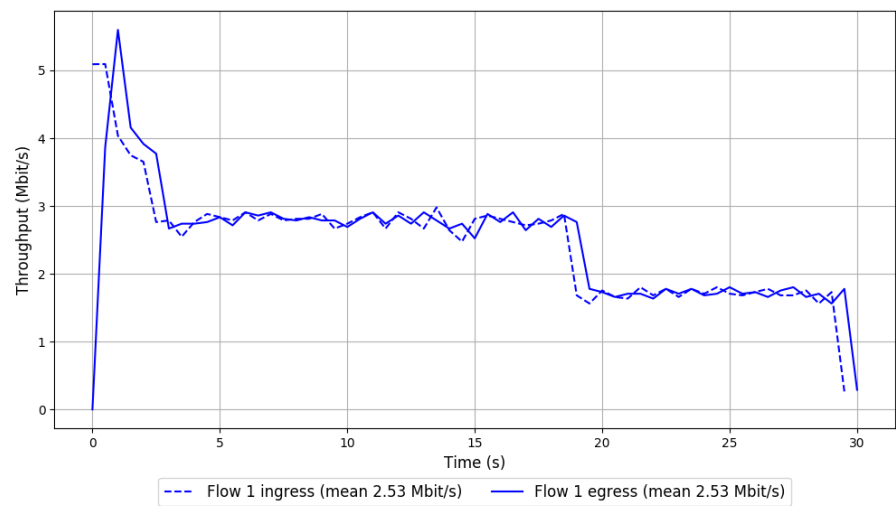
-- Flow 1:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 67.888 ms

Loss rate: 0.10%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-05-24 00:18:09

End at: 2018-05-24 00:18:39

Local clock offset: 1.557 ms

Remote clock offset: -6.95 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.91 Mbit/s

95th percentile per-packet one-way delay: 64.092 ms

Loss rate: 0.18%

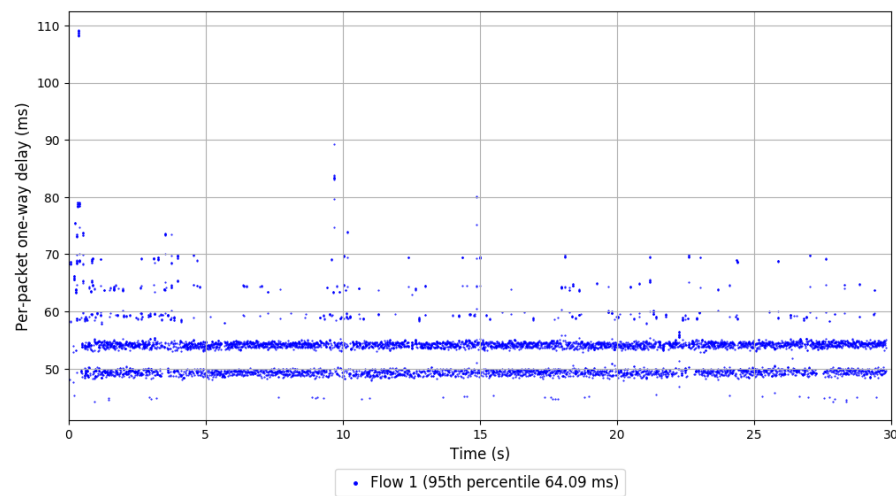
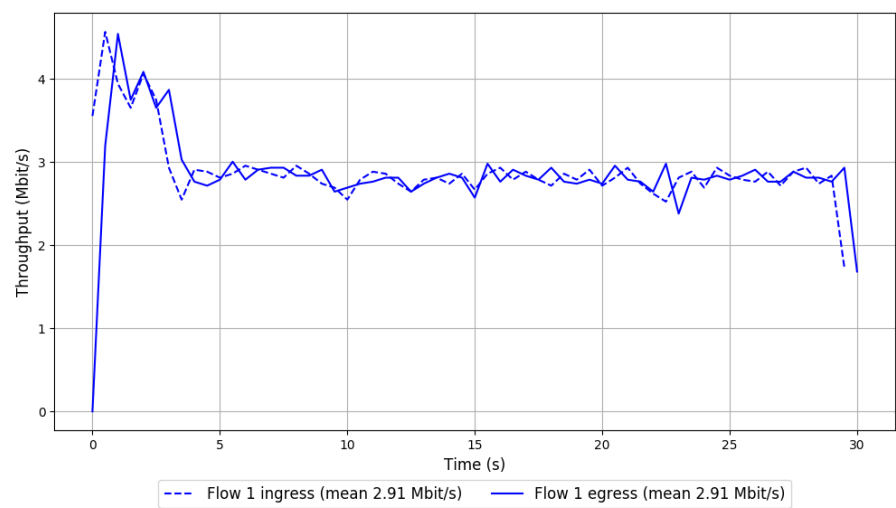
-- Flow 1:

Average throughput: 2.91 Mbit/s

95th percentile per-packet one-way delay: 64.092 ms

Loss rate: 0.18%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-05-24 00:35:28

End at: 2018-05-24 00:35:58

Local clock offset: 3.624 ms

Remote clock offset: -6.622 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.21 Mbit/s

95th percentile per-packet one-way delay: 103.354 ms

Loss rate: 0.16%

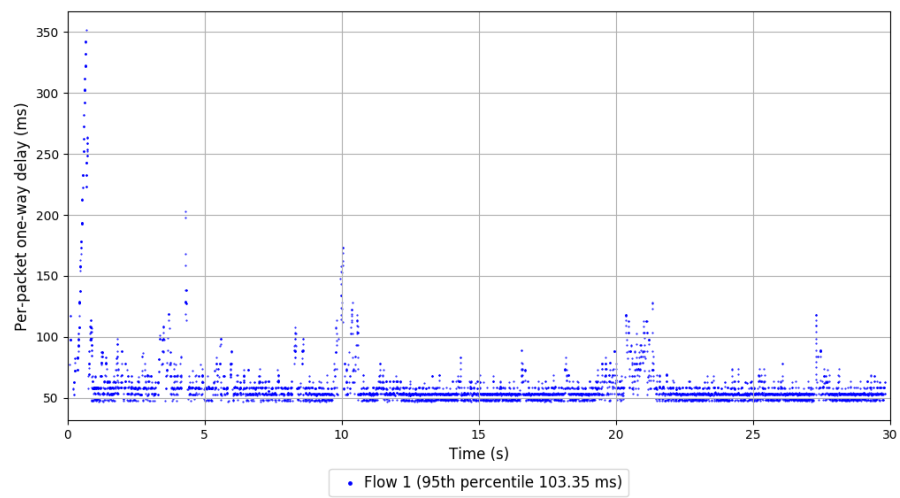
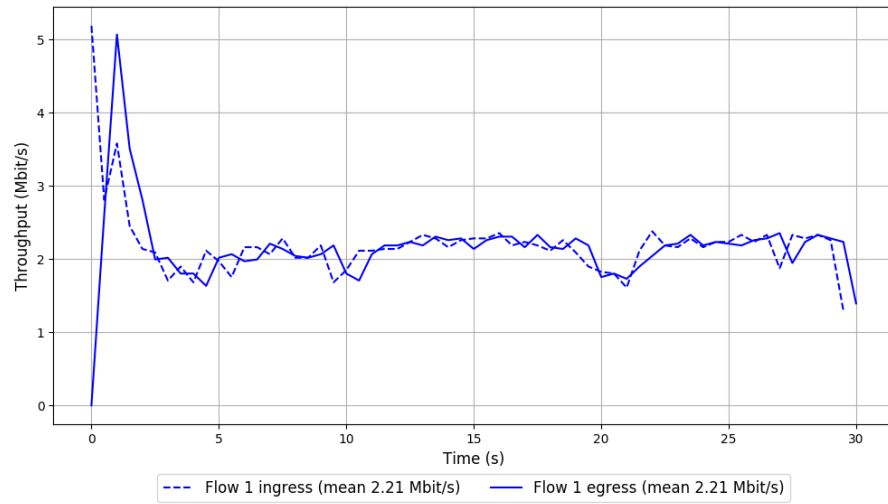
-- Flow 1:

Average throughput: 2.21 Mbit/s

95th percentile per-packet one-way delay: 103.354 ms

Loss rate: 0.16%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-05-24 00:52:49

End at: 2018-05-24 00:53:19

Local clock offset: 0.565 ms

Remote clock offset: 0.277 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.84 Mbit/s

95th percentile per-packet one-way delay: 69.513 ms

Loss rate: 0.06%

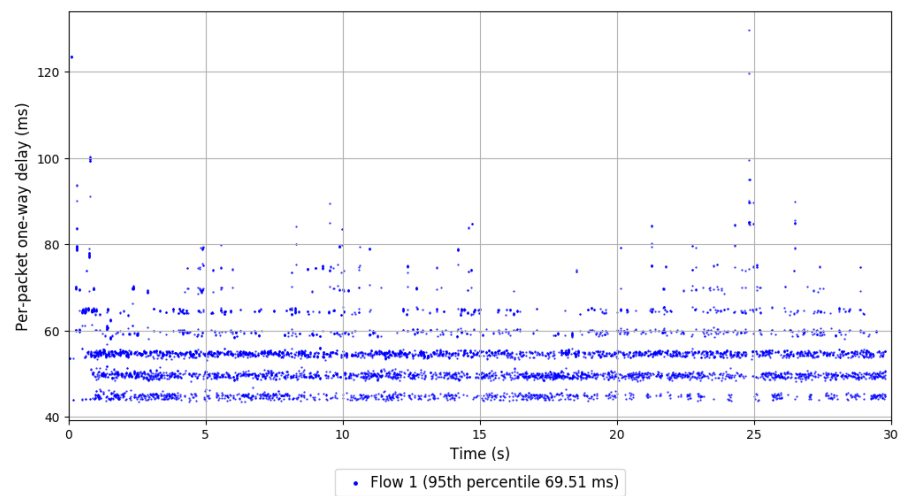
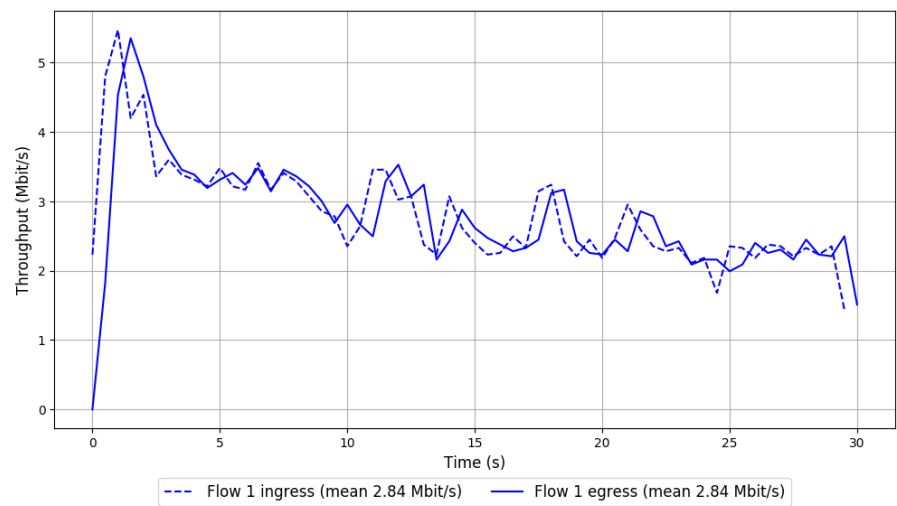
-- Flow 1:

Average throughput: 2.84 Mbit/s

95th percentile per-packet one-way delay: 69.513 ms

Loss rate: 0.06%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2018-05-24 01:10:08

End at: 2018-05-24 01:10:38

Local clock offset: 3.505 ms

Remote clock offset: 2.589 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 60.220 ms

Loss rate: 0.23%

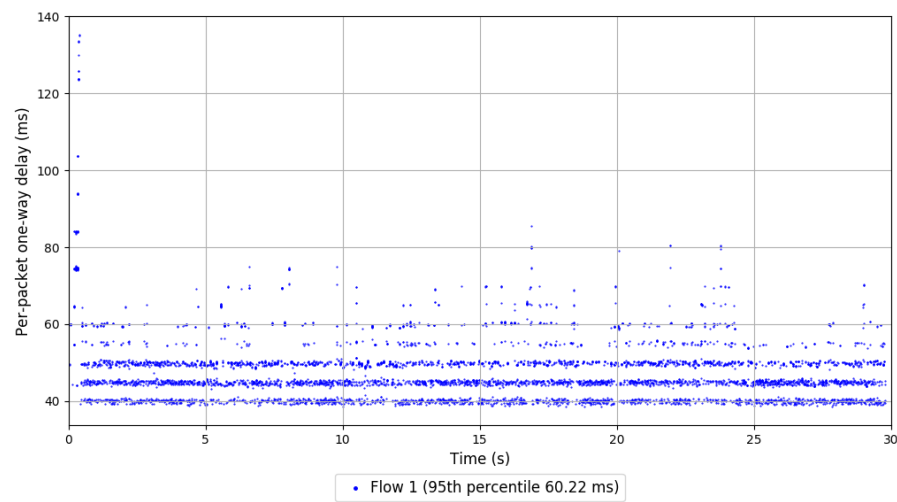
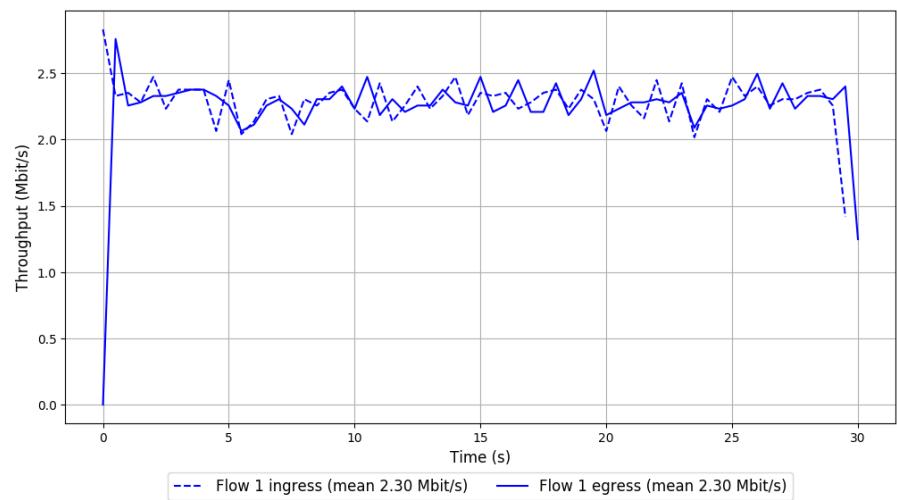
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 60.220 ms

Loss rate: 0.23%

Run 5: Report of Indigo — Data Link

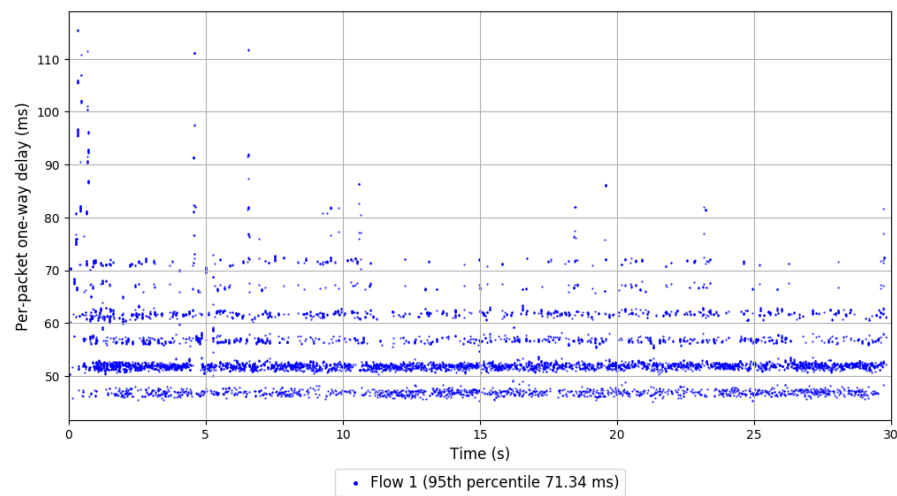
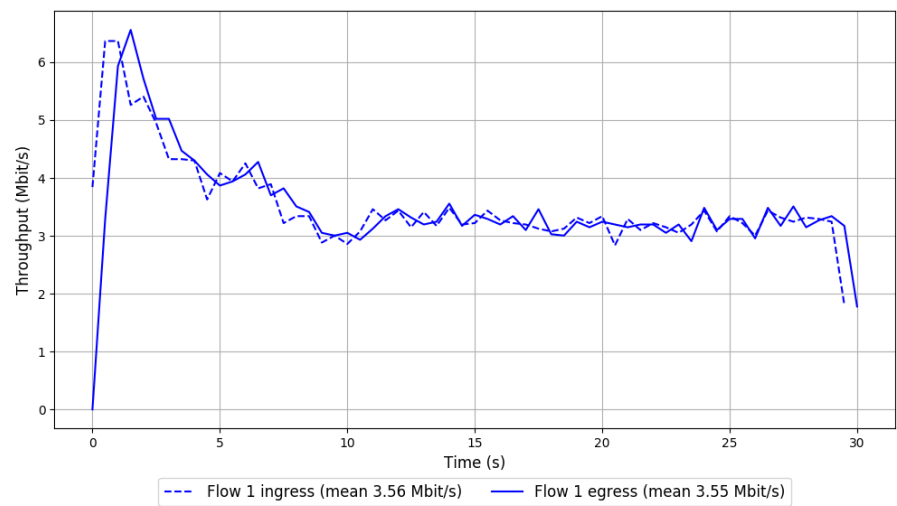


Run 6: Statistics of Indigo

Start at: 2018-05-24 01:27:35
End at: 2018-05-24 01:28:05
Local clock offset: 3.073 ms
Remote clock offset: -4.598 ms

Below is generated by plot.py at 2018-05-24 02:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 71.340 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 71.340 ms
Loss rate: 0.22%

Run 6: Report of Indigo — Data Link

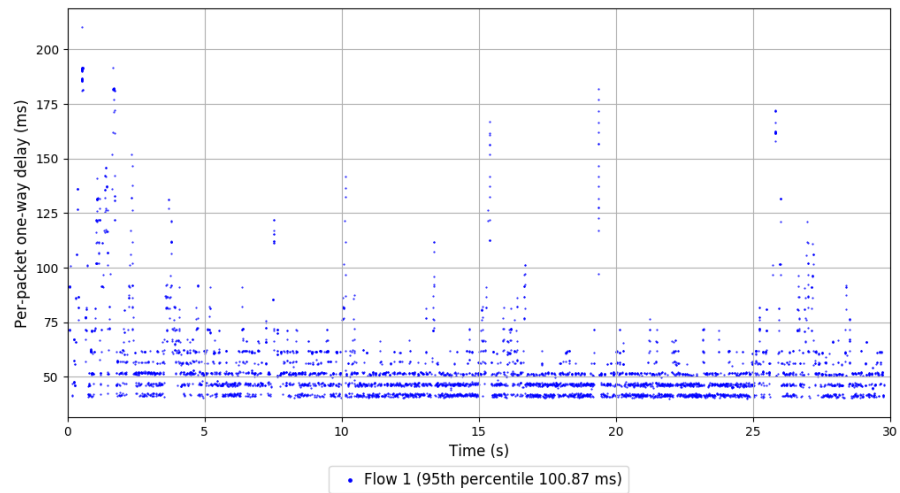
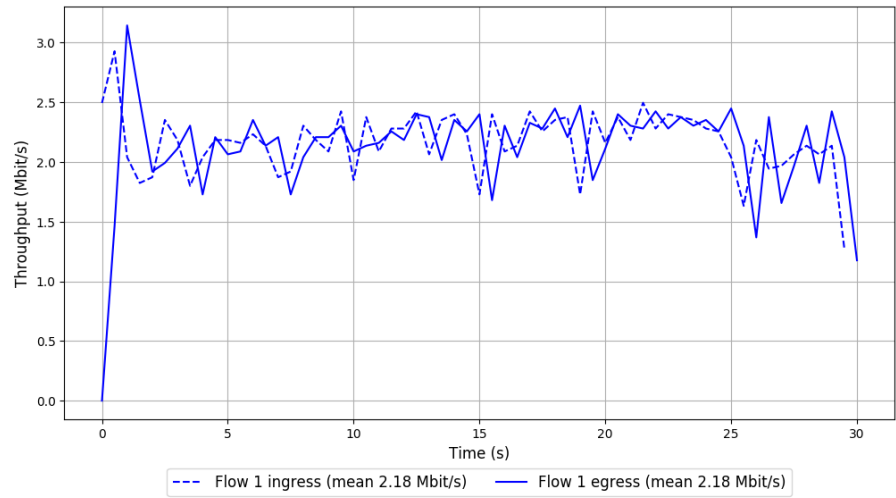


Run 7: Statistics of Indigo

Start at: 2018-05-24 01:45:00
End at: 2018-05-24 01:45:30
Local clock offset: 2.102 ms
Remote clock offset: -6.083 ms

Below is generated by plot.py at 2018-05-24 02:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 100.868 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 100.868 ms
Loss rate: 0.24%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-05-24 02:02:17

End at: 2018-05-24 02:02:47

Local clock offset: 0.008 ms

Remote clock offset: 2.199 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 89.488 ms

Loss rate: 0.15%

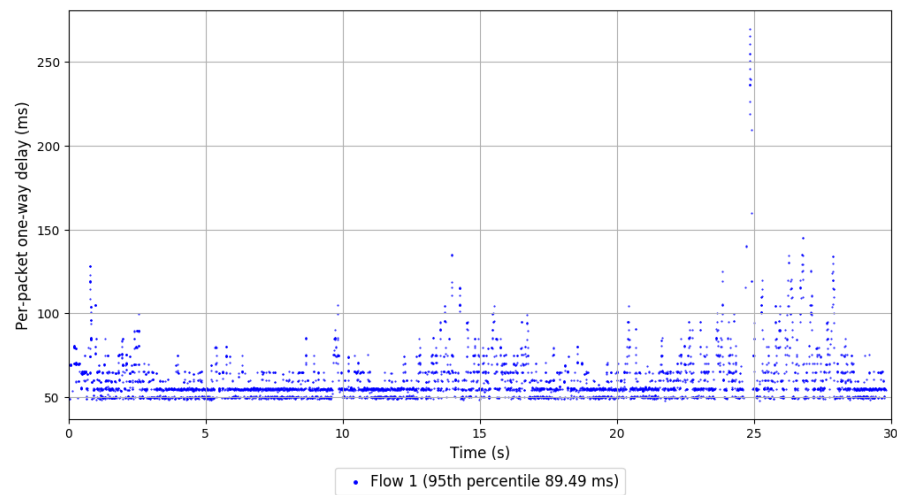
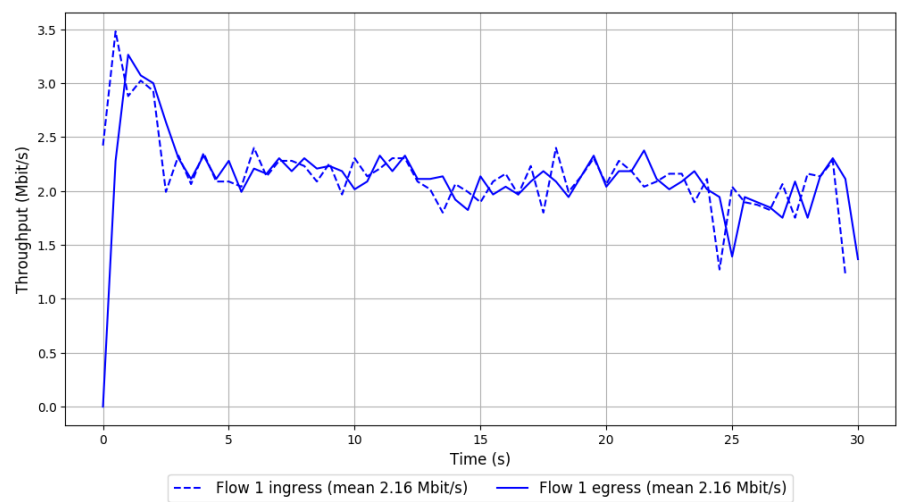
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 89.488 ms

Loss rate: 0.15%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-05-24 02:19:38

End at: 2018-05-24 02:20:08

Local clock offset: 3.577 ms

Remote clock offset: 4.534 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 71.891 ms

Loss rate: 0.02%

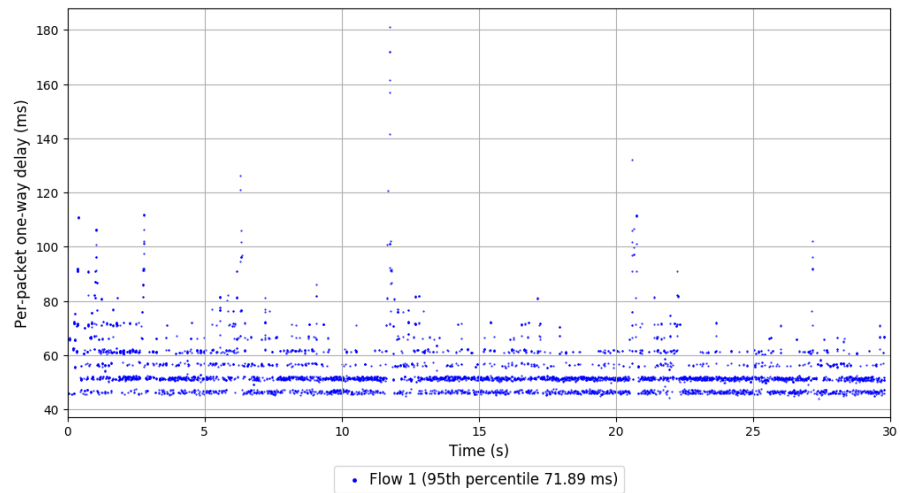
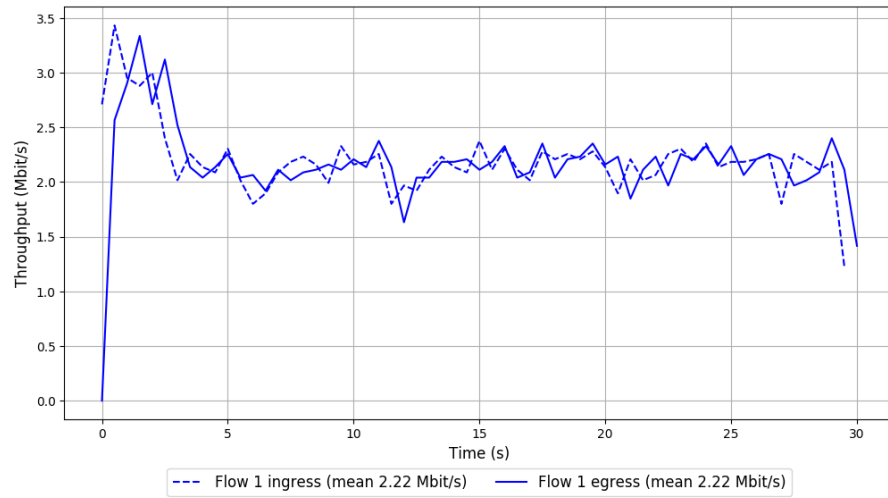
-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 71.891 ms

Loss rate: 0.02%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-05-24 02:36:56

End at: 2018-05-24 02:37:26

Local clock offset: -1.86 ms

Remote clock offset: 13.825 ms

Below is generated by plot.py at 2018-05-24 02:46:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 72.220 ms

Loss rate: 0.09%

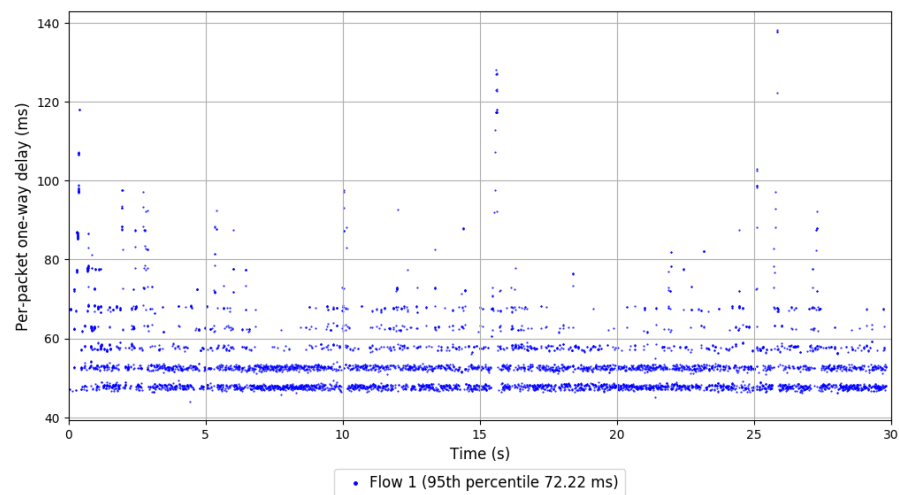
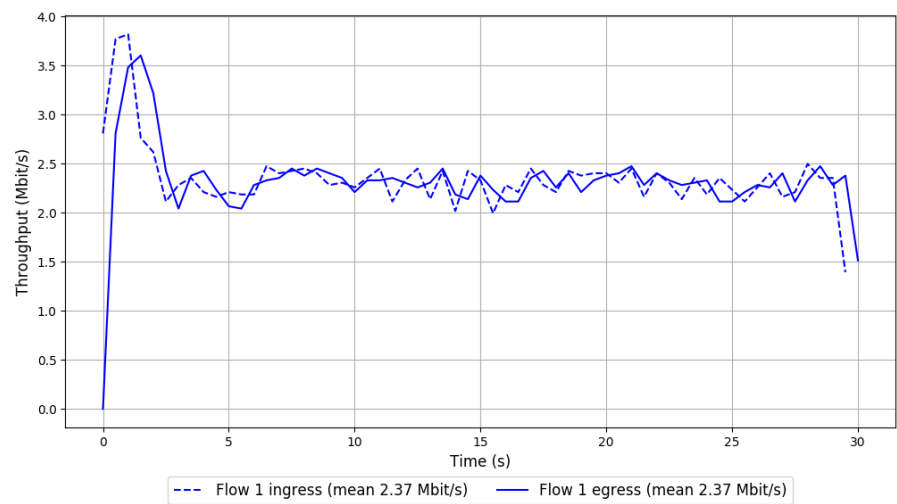
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 72.220 ms

Loss rate: 0.09%

Run 10: Report of Indigo — Data Link

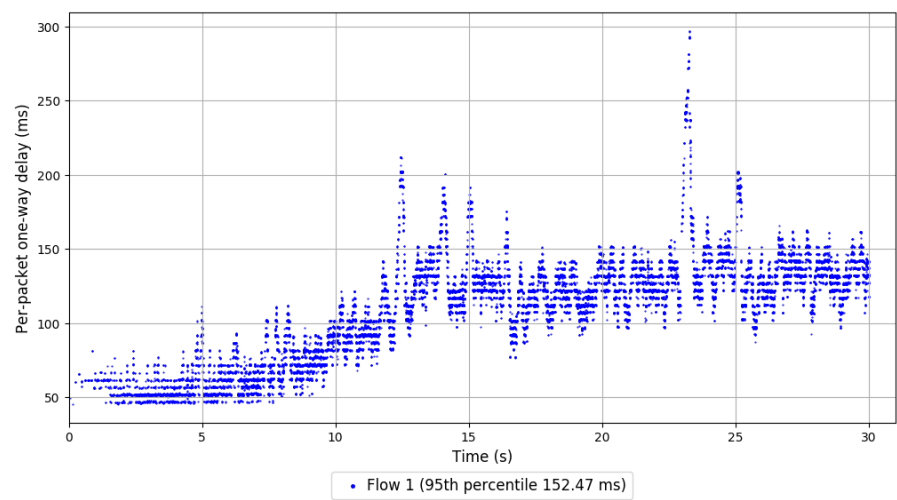
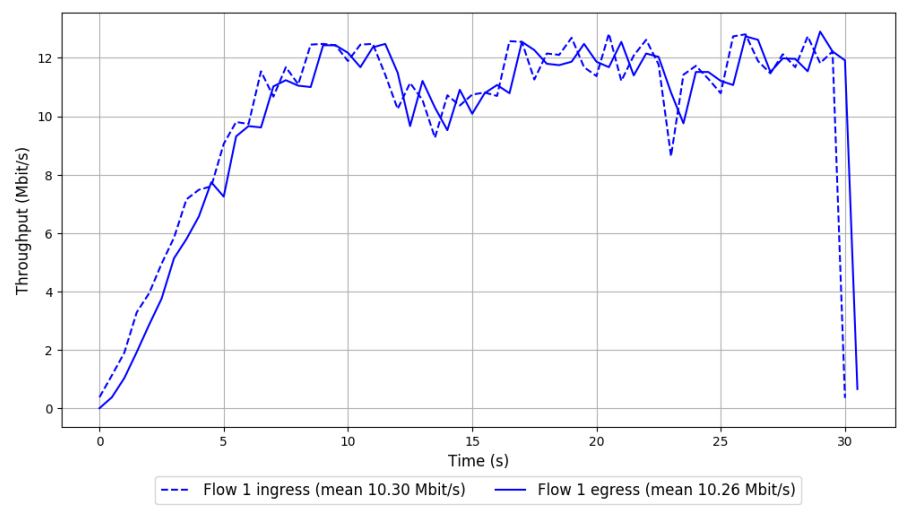


Run 1: Statistics of LEDBAT

Start at: 2018-05-24 00:07:17
End at: 2018-05-24 00:07:47
Local clock offset: 1.026 ms
Remote clock offset: -8.198 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 152.467 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 152.467 ms
Loss rate: 0.47%

Run 1: Report of LEDBAT — Data Link

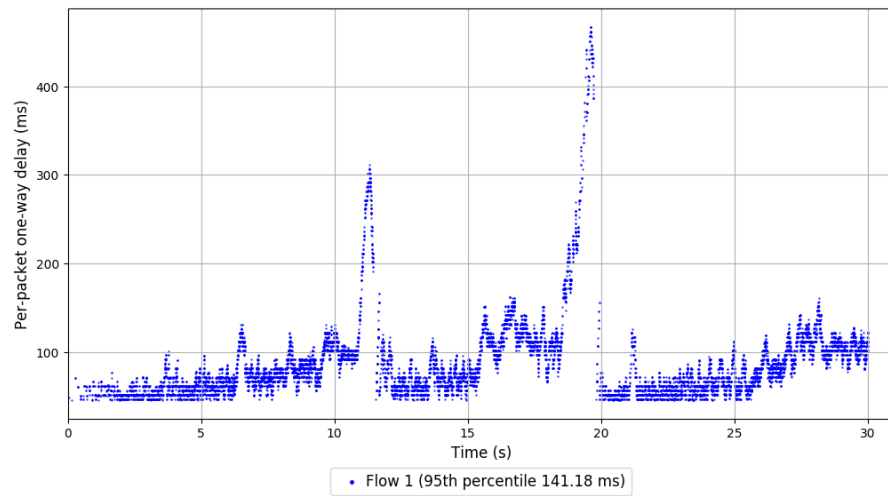
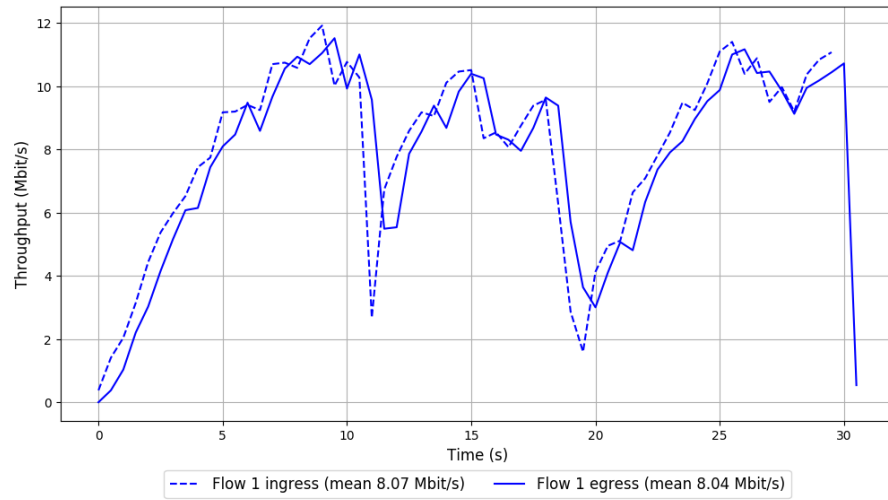


Run 2: Statistics of LEDBAT

Start at: 2018-05-24 00:24:41
End at: 2018-05-24 00:25:11
Local clock offset: 3.197 ms
Remote clock offset: -5.585 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 141.177 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 141.177 ms
Loss rate: 0.47%

Run 2: Report of LEDBAT — Data Link

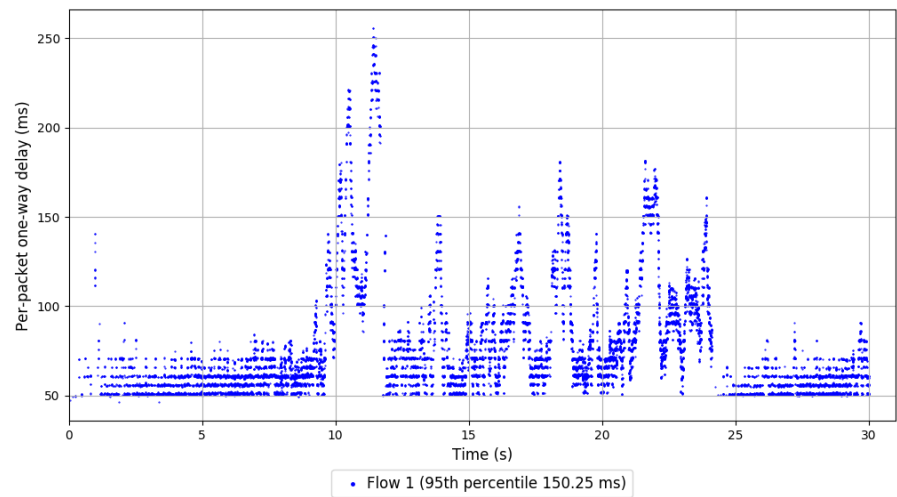
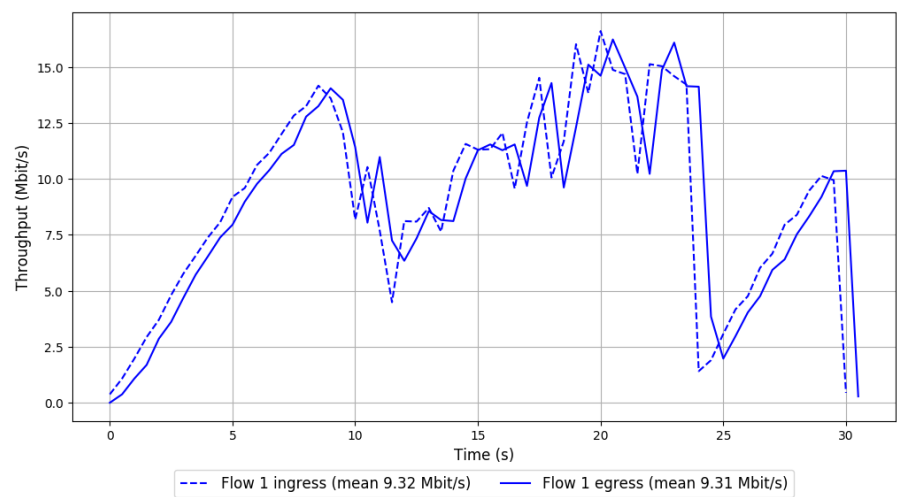


Run 3: Statistics of LEDBAT

Start at: 2018-05-24 00:42:00
End at: 2018-05-24 00:42:30
Local clock offset: 4.087 ms
Remote clock offset: -3.366 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 150.250 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 150.250 ms
Loss rate: 0.24%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-05-24 00:59:19

End at: 2018-05-24 00:59:49

Local clock offset: 1.216 ms

Remote clock offset: 2.7 ms

Below is generated by plot.py at 2018-05-24 02:46:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.85 Mbit/s

95th percentile per-packet one-way delay: 176.455 ms

Loss rate: 0.42%

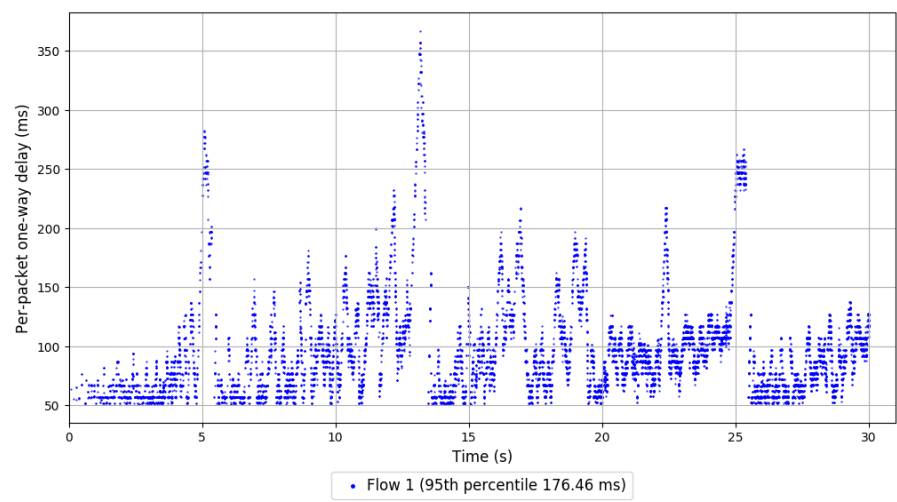
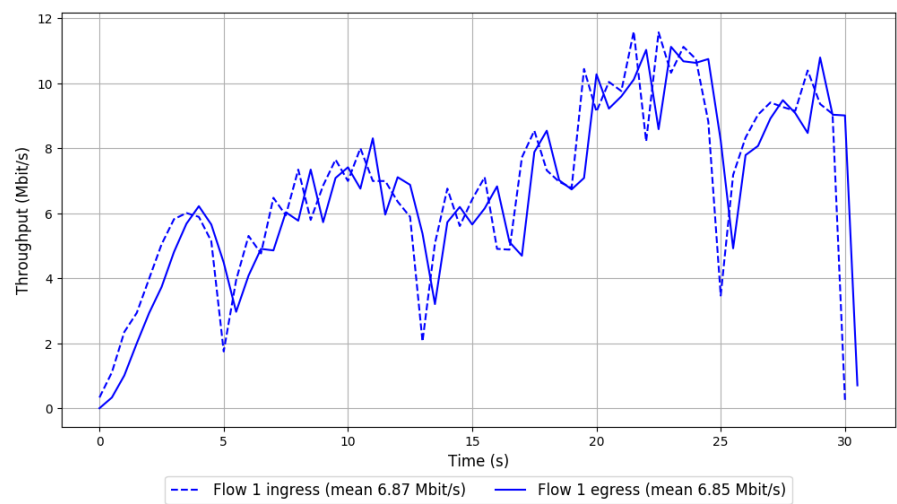
-- Flow 1:

Average throughput: 6.85 Mbit/s

95th percentile per-packet one-way delay: 176.455 ms

Loss rate: 0.42%

Run 4: Report of LEDBAT — Data Link

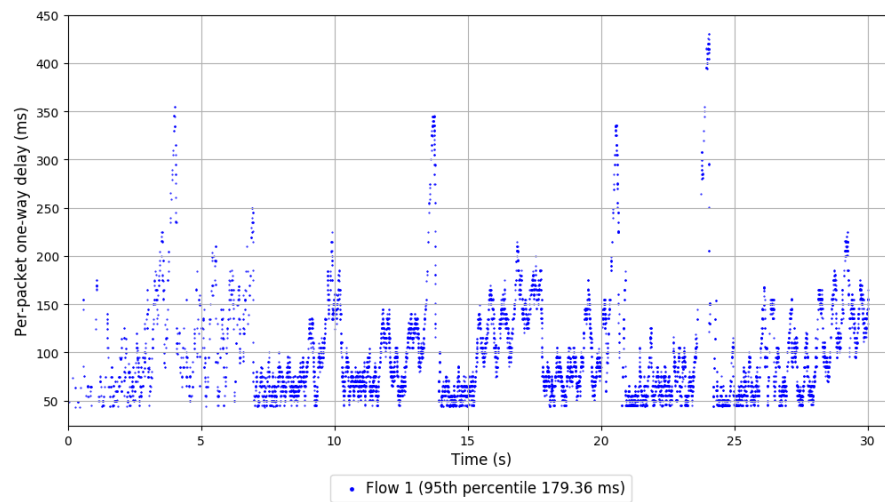
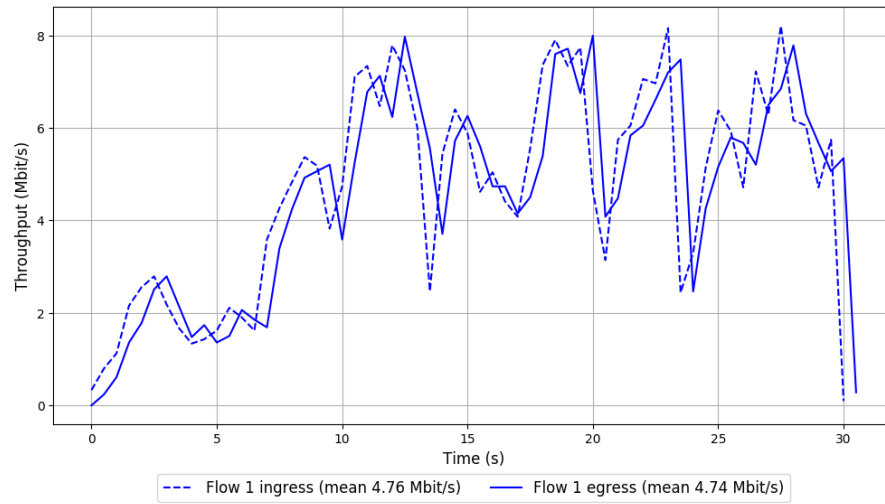


Run 5: Statistics of LEDBAT

Start at: 2018-05-24 01:16:40
End at: 2018-05-24 01:17:11
Local clock offset: 0.686 ms
Remote clock offset: -2.209 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 179.361 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 179.361 ms
Loss rate: 0.55%

Run 5: Report of LEDBAT — Data Link

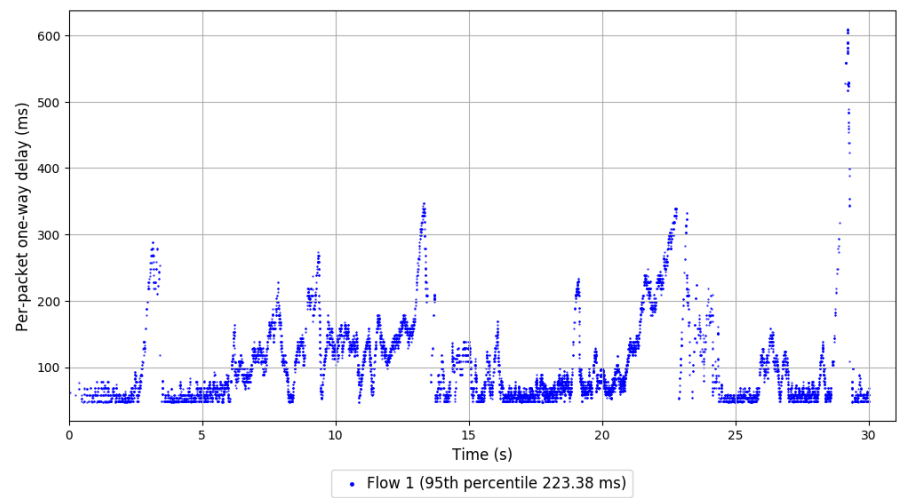
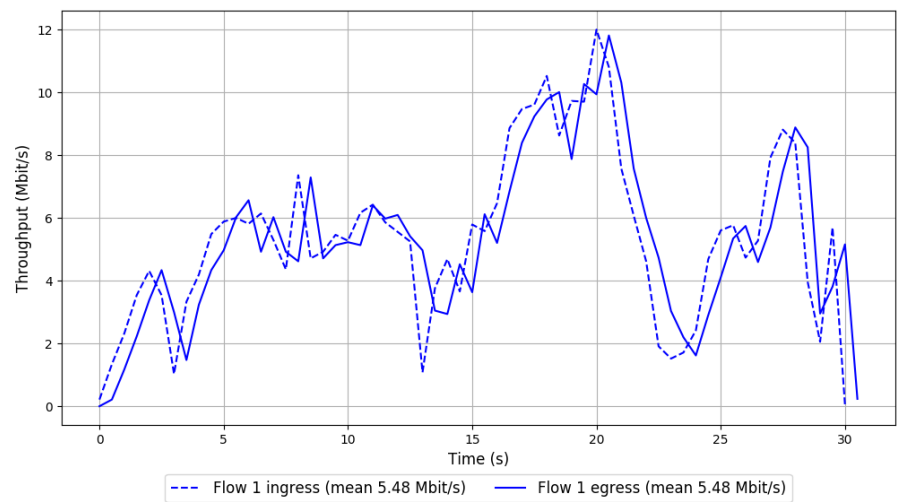


Run 6: Statistics of LEDBAT

Start at: 2018-05-24 01:34:06
End at: 2018-05-24 01:34:36
Local clock offset: -1.662 ms
Remote clock offset: -5.733 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 223.384 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 223.384 ms
Loss rate: 0.27%

Run 6: Report of LEDBAT — Data Link

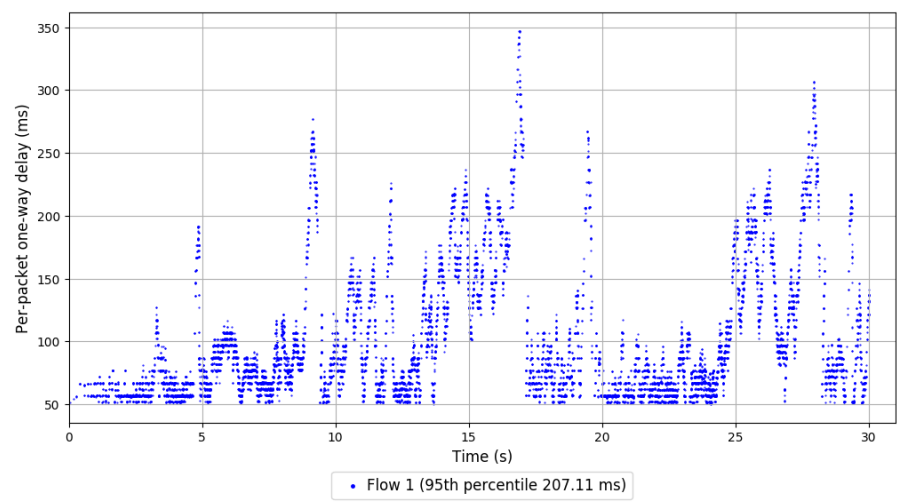
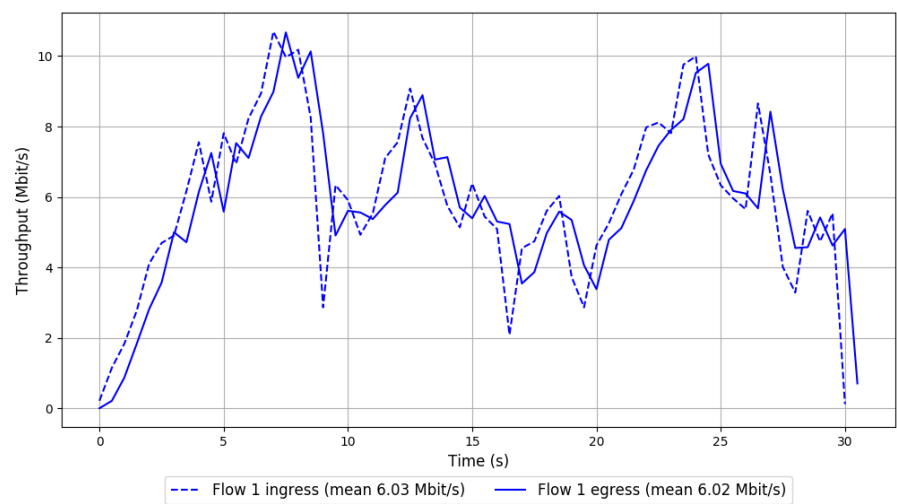


Run 7: Statistics of LEDBAT

Start at: 2018-05-24 01:51:30
End at: 2018-05-24 01:52:00
Local clock offset: 0.13 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-05-24 02:46:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 207.110 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 207.110 ms
Loss rate: 0.24%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-05-24 02:08:46

End at: 2018-05-24 02:09:16

Local clock offset: 2.229 ms

Remote clock offset: 2.986 ms

Below is generated by plot.py at 2018-05-24 02:46:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 160.147 ms

Loss rate: 0.26%

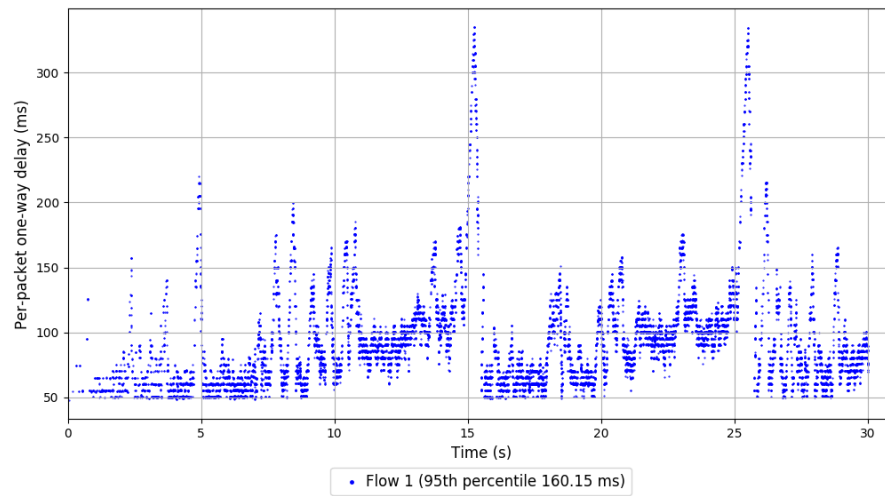
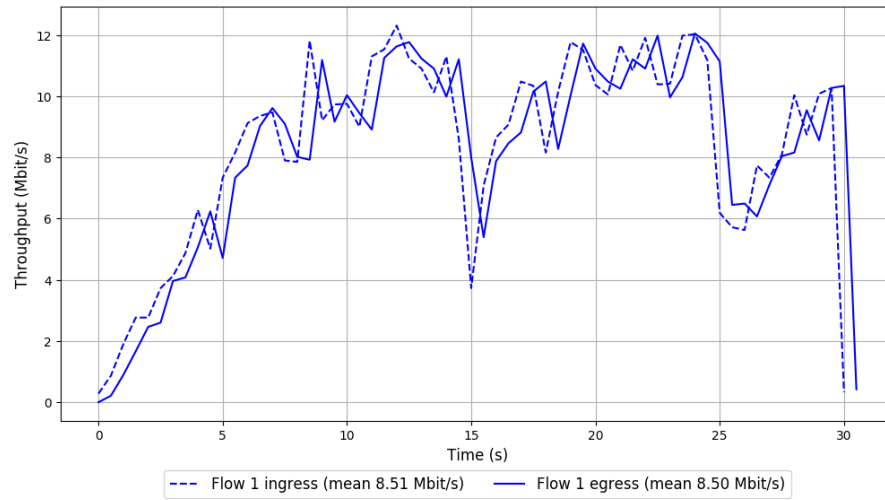
-- Flow 1:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 160.147 ms

Loss rate: 0.26%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-05-24 02:26:08

End at: 2018-05-24 02:26:38

Local clock offset: 3.293 ms

Remote clock offset: 10.08 ms

Below is generated by plot.py at 2018-05-24 02:46:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.69 Mbit/s

95th percentile per-packet one-way delay: 236.306 ms

Loss rate: 0.32%

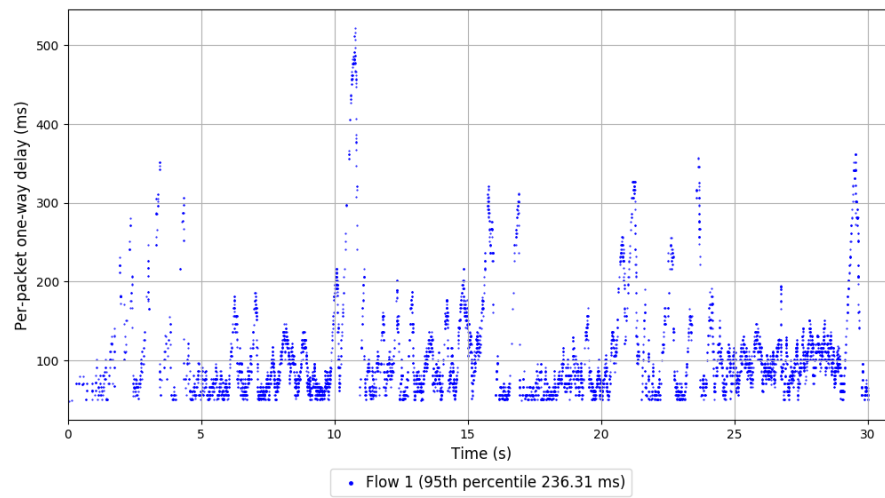
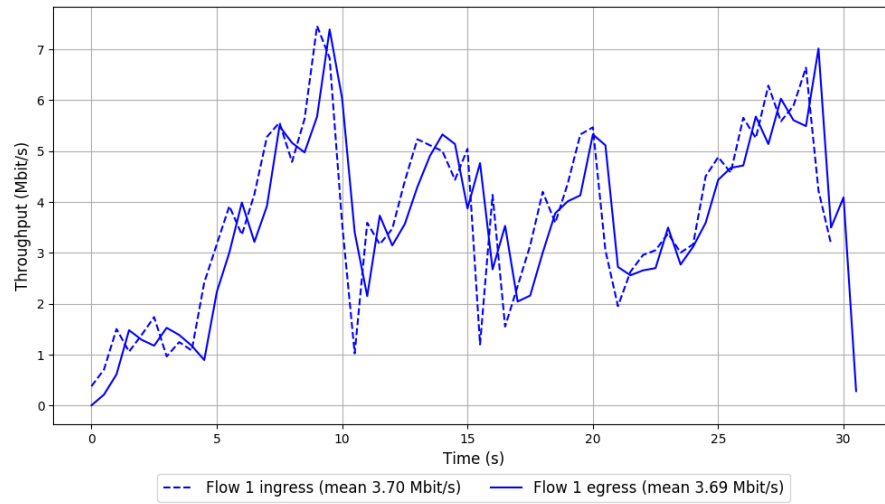
-- Flow 1:

Average throughput: 3.69 Mbit/s

95th percentile per-packet one-way delay: 236.306 ms

Loss rate: 0.32%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-05-24 02:43:27

End at: 2018-05-24 02:43:57

Local clock offset: -3.061 ms

Remote clock offset: 15.74 ms

Below is generated by plot.py at 2018-05-24 02:46:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.52 Mbit/s

95th percentile per-packet one-way delay: 221.168 ms

Loss rate: 0.48%

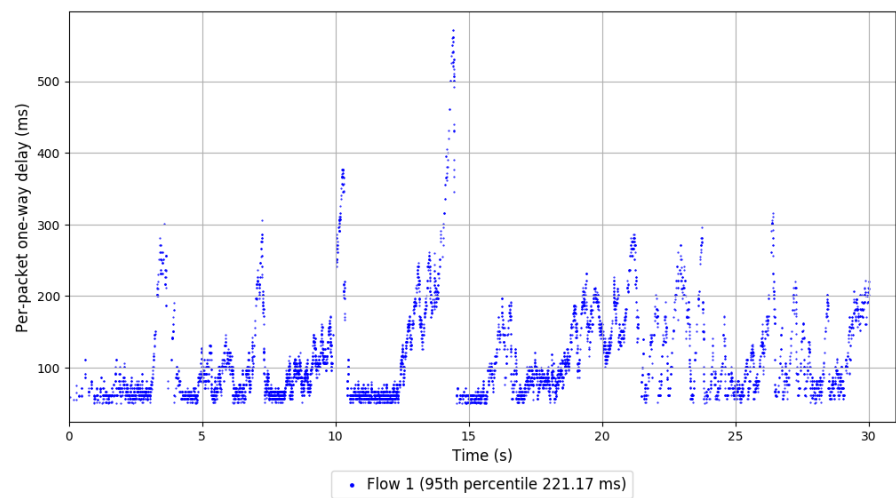
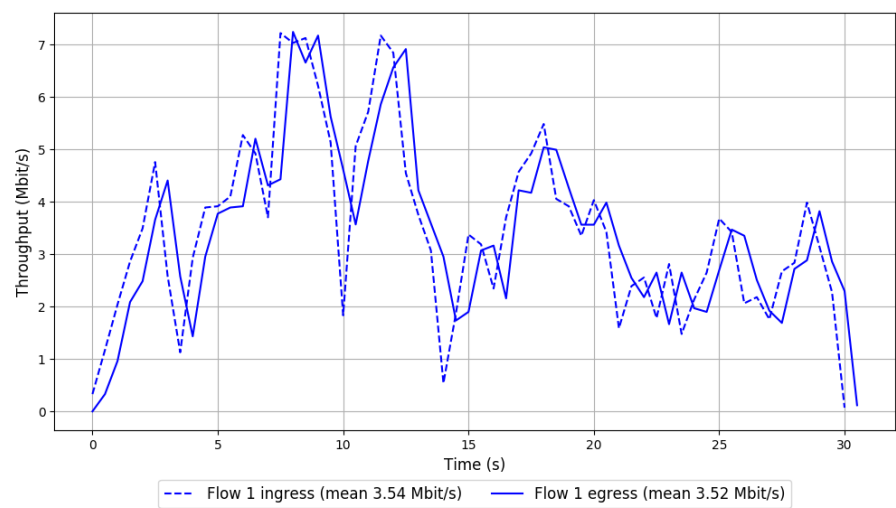
-- Flow 1:

Average throughput: 3.52 Mbit/s

95th percentile per-packet one-way delay: 221.168 ms

Loss rate: 0.48%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-05-24 00:08:23

End at: 2018-05-24 00:08:53

Local clock offset: 1.939 ms

Remote clock offset: -6.59 ms

Below is generated by plot.py at 2018-05-24 02:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.44 Mbit/s

95th percentile per-packet one-way delay: 444.759 ms

Loss rate: 1.04%

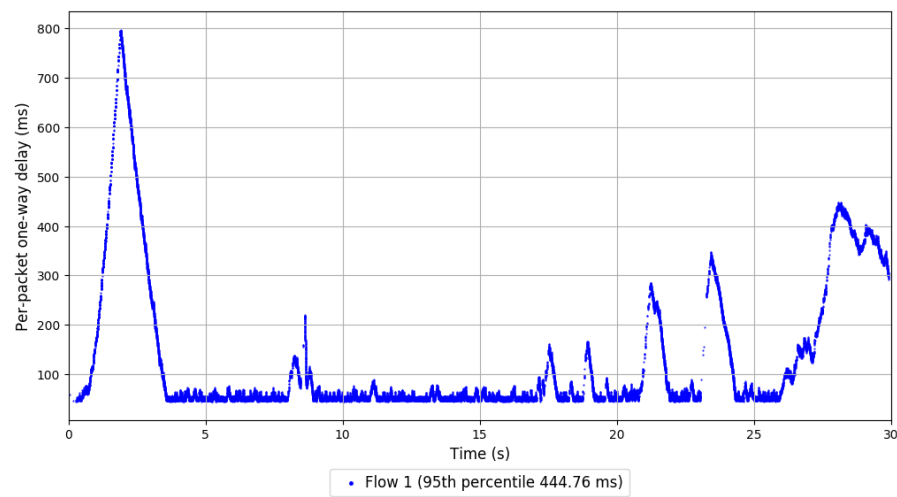
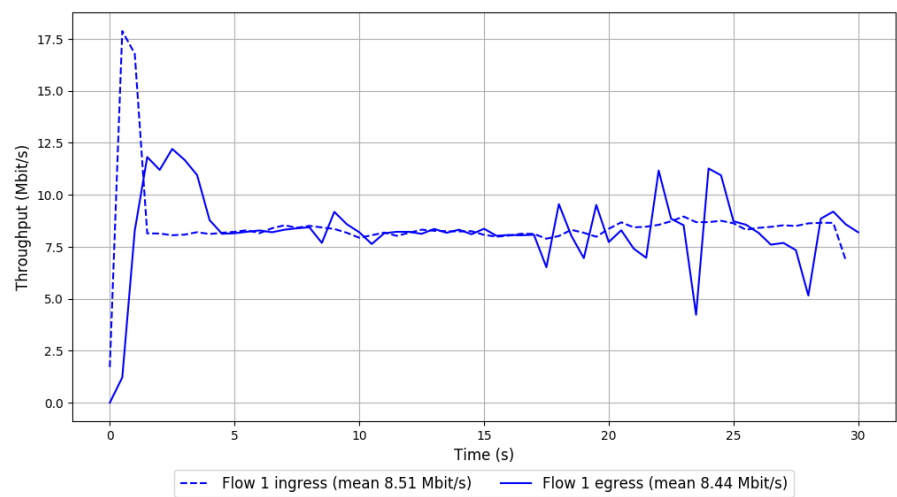
-- Flow 1:

Average throughput: 8.44 Mbit/s

95th percentile per-packet one-way delay: 444.759 ms

Loss rate: 1.04%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-05-24 00:25:46

End at: 2018-05-24 00:26:16

Local clock offset: 0.528 ms

Remote clock offset: -6.991 ms

Below is generated by plot.py at 2018-05-24 02:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.66 Mbit/s

95th percentile per-packet one-way delay: 747.956 ms

Loss rate: 1.21%

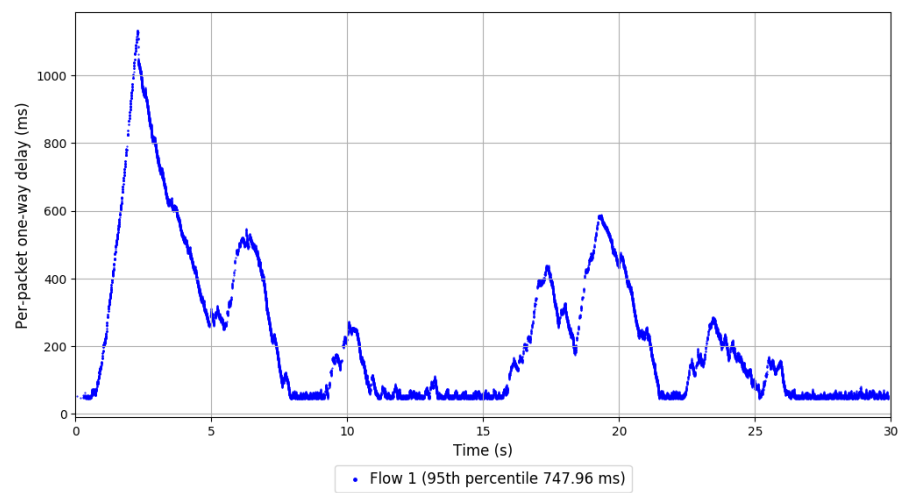
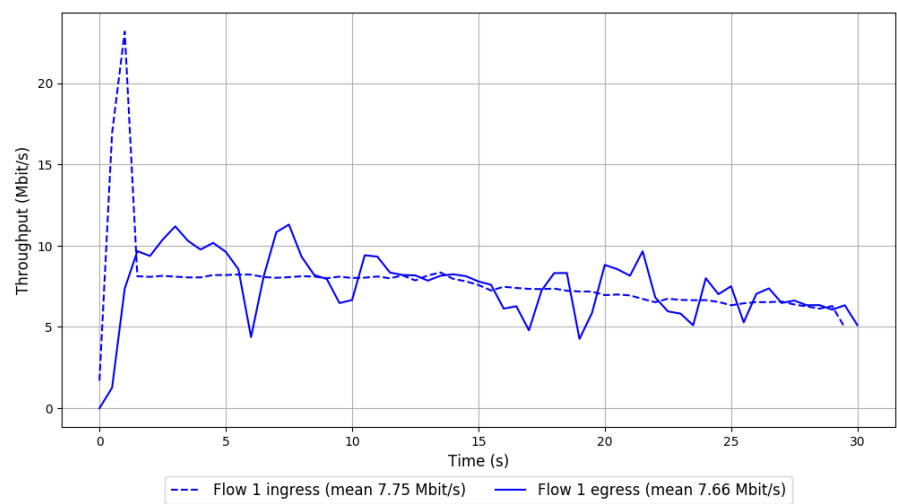
-- Flow 1:

Average throughput: 7.66 Mbit/s

95th percentile per-packet one-way delay: 747.956 ms

Loss rate: 1.21%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-05-24 00:43:05

End at: 2018-05-24 00:43:36

Local clock offset: 1.606 ms

Remote clock offset: -3.406 ms

Below is generated by plot.py at 2018-05-24 02:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 673.025 ms

Loss rate: 2.39%

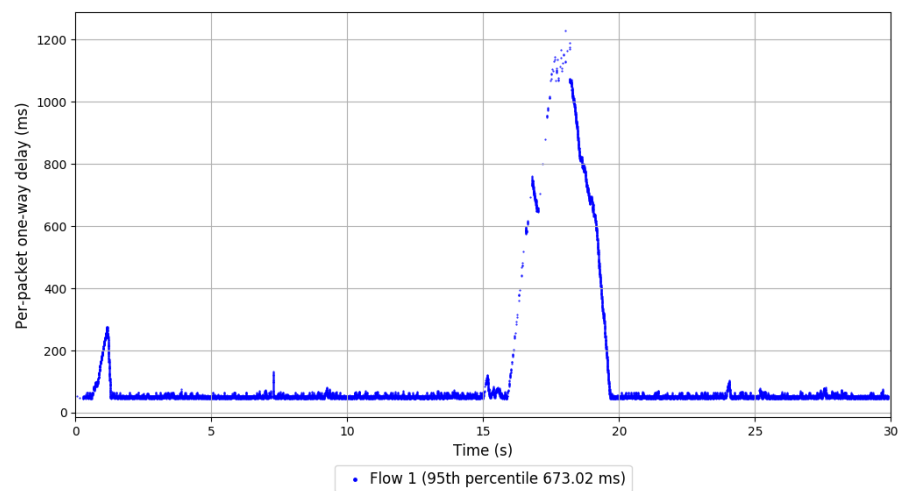
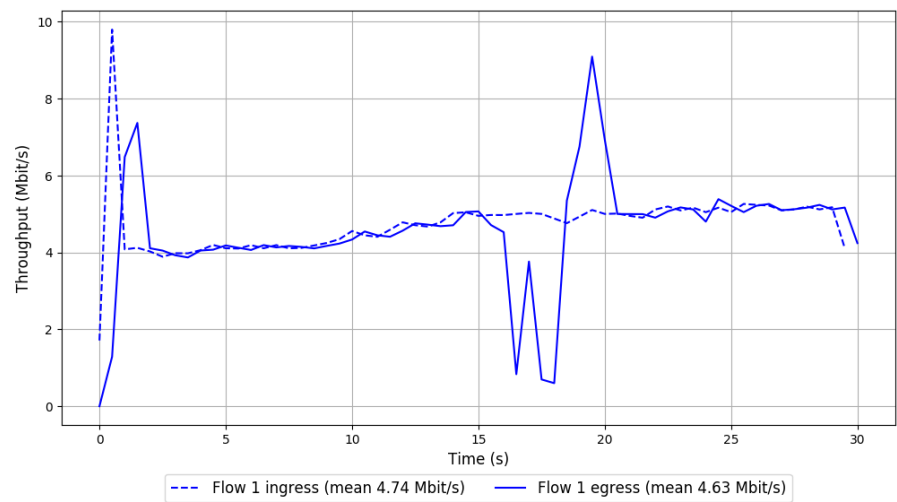
-- Flow 1:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 673.025 ms

Loss rate: 2.39%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-05-24 01:00:25

End at: 2018-05-24 01:00:55

Local clock offset: 3.2 ms

Remote clock offset: 3.03 ms

Below is generated by plot.py at 2018-05-24 02:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 62.312 ms

Loss rate: 0.11%

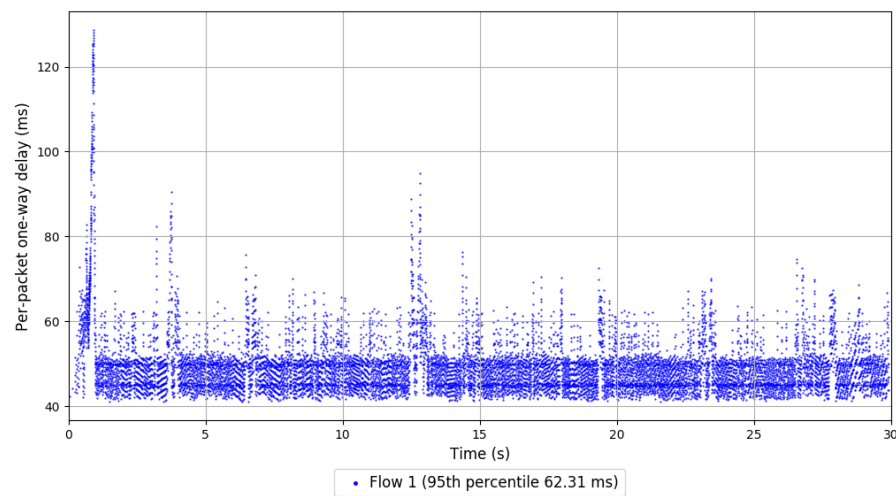
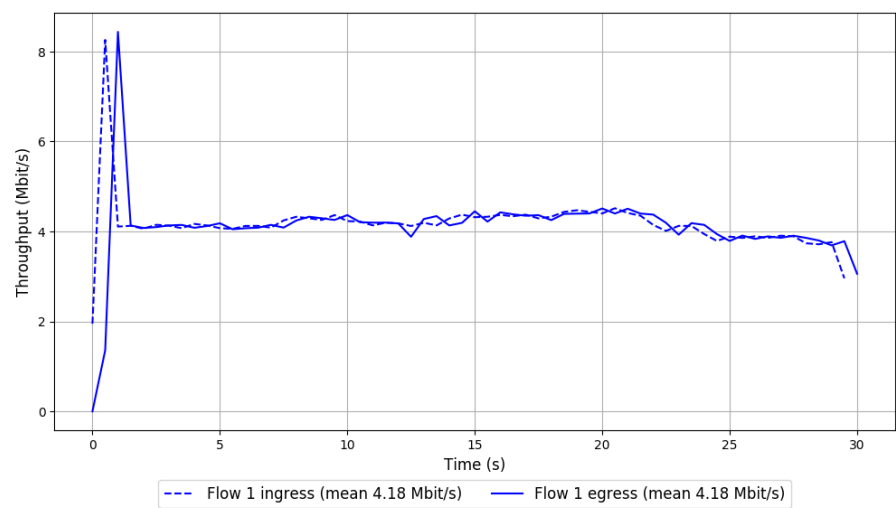
-- Flow 1:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 62.312 ms

Loss rate: 0.11%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-05-24 01:17:46

End at: 2018-05-24 01:18:16

Local clock offset: 1.286 ms

Remote clock offset: -0.268 ms

Below is generated by plot.py at 2018-05-24 02:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 98.529 ms

Loss rate: 0.13%

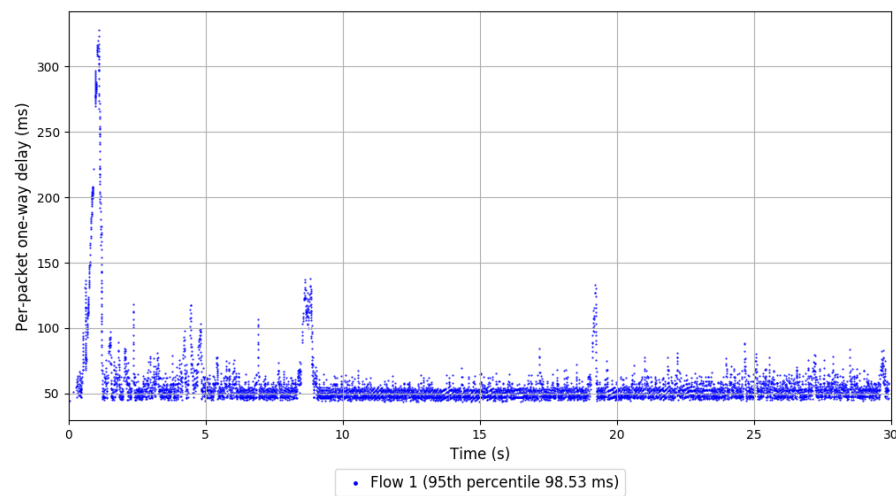
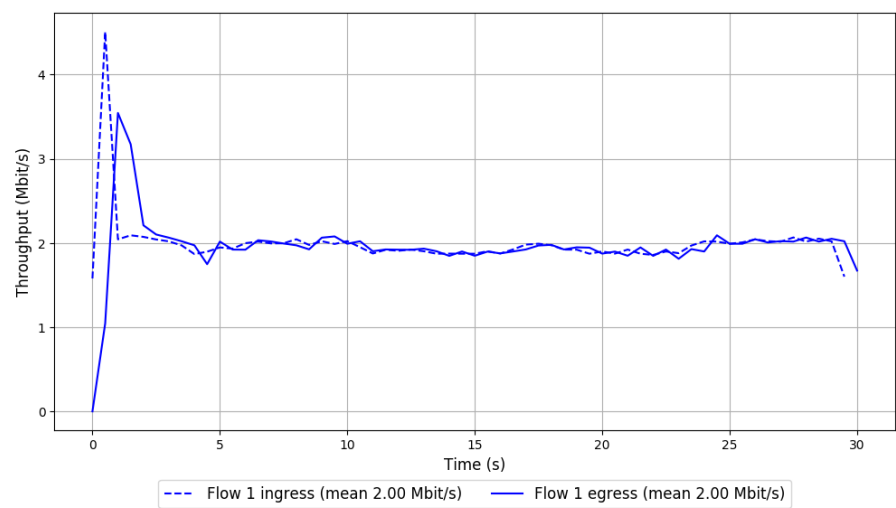
-- Flow 1:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 98.529 ms

Loss rate: 0.13%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-05-24 01:35:11

End at: 2018-05-24 01:35:41

Local clock offset: 2.866 ms

Remote clock offset: -4.5 ms

Below is generated by plot.py at 2018-05-24 02:46:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.79 Mbit/s

95th percentile per-packet one-way delay: 1077.460 ms

Loss rate: 18.60%

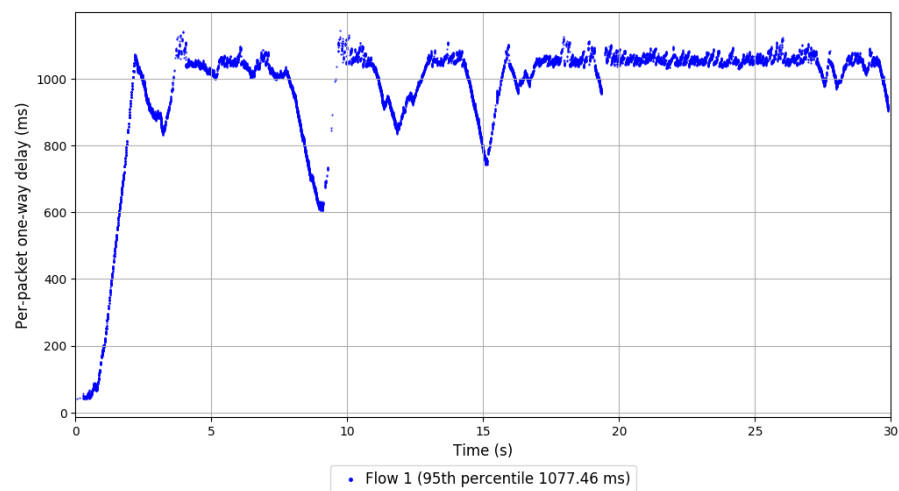
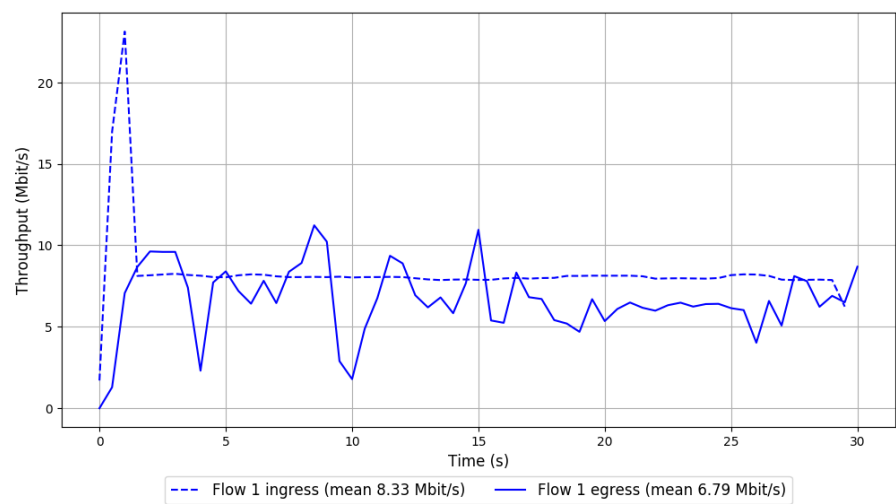
-- Flow 1:

Average throughput: 6.79 Mbit/s

95th percentile per-packet one-way delay: 1077.460 ms

Loss rate: 18.60%

Run 6: Report of PCC-Allegro — Data Link

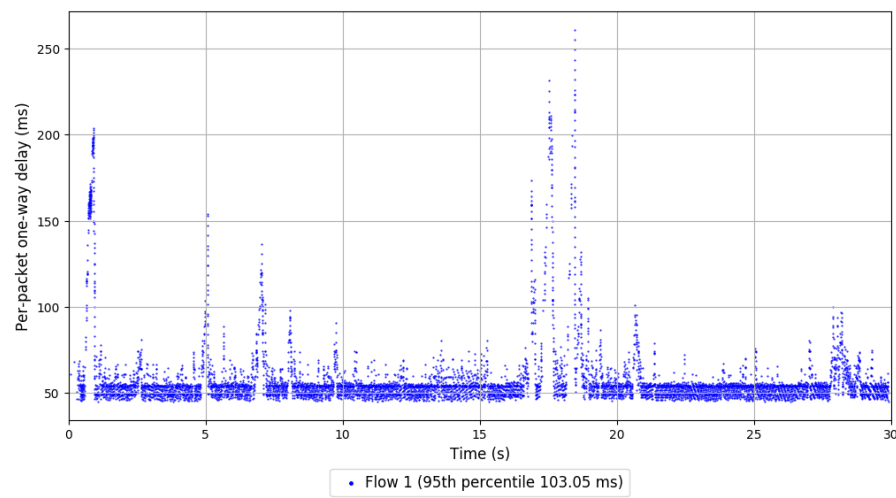
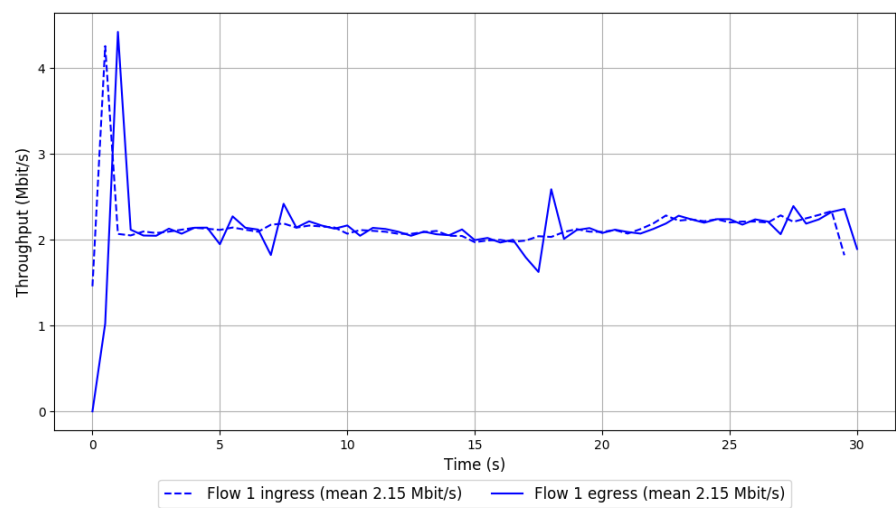


Run 7: Statistics of PCC-Allegro

Start at: 2018-05-24 01:52:35
End at: 2018-05-24 01:53:05
Local clock offset: 2.039 ms
Remote clock offset: -0.823 ms

Below is generated by plot.py at 2018-05-24 02:46:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 103.047 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 103.047 ms
Loss rate: 0.13%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-05-24 02:09:51

End at: 2018-05-24 02:10:21

Local clock offset: 0.5 ms

Remote clock offset: 4.763 ms

Below is generated by plot.py at 2018-05-24 02:46:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 453.255 ms

Loss rate: 0.19%

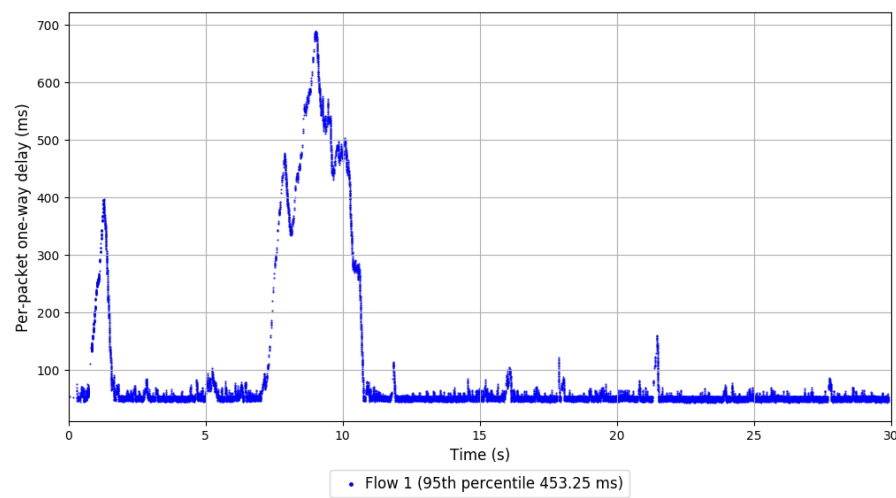
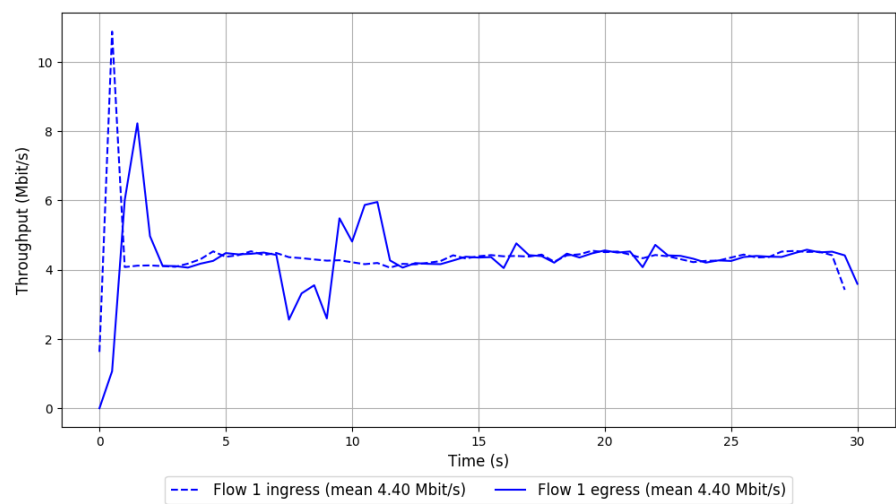
-- Flow 1:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 453.255 ms

Loss rate: 0.19%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-05-24 02:27:13

End at: 2018-05-24 02:27:43

Local clock offset: 0.297 ms

Remote clock offset: 10.842 ms

Below is generated by plot.py at 2018-05-24 02:46:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 358.116 ms

Loss rate: 0.24%

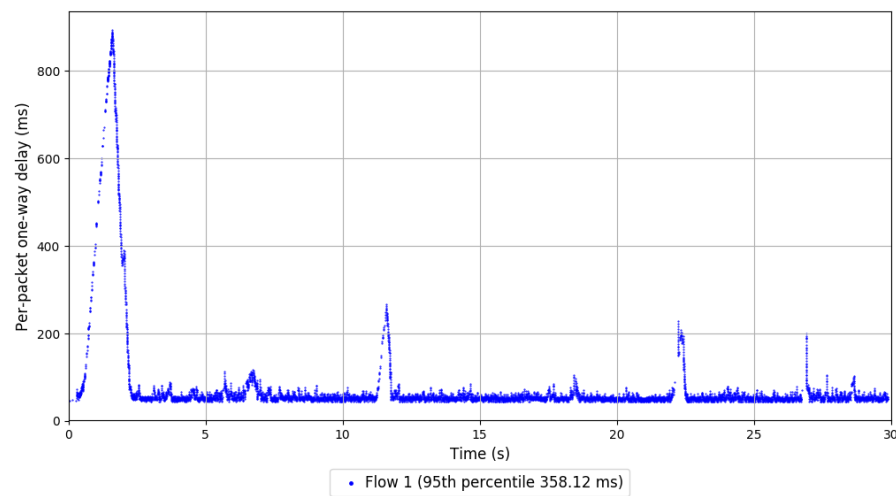
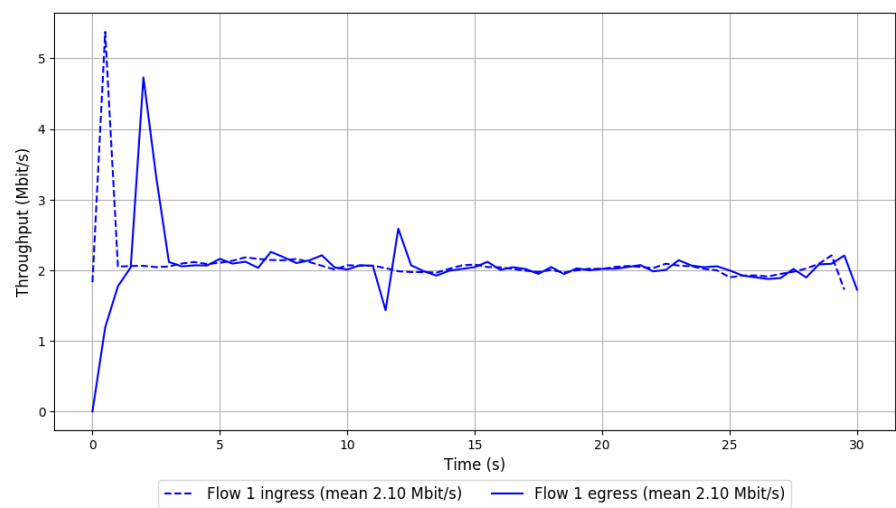
-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 358.116 ms

Loss rate: 0.24%

Run 9: Report of PCC-Allegro — Data Link

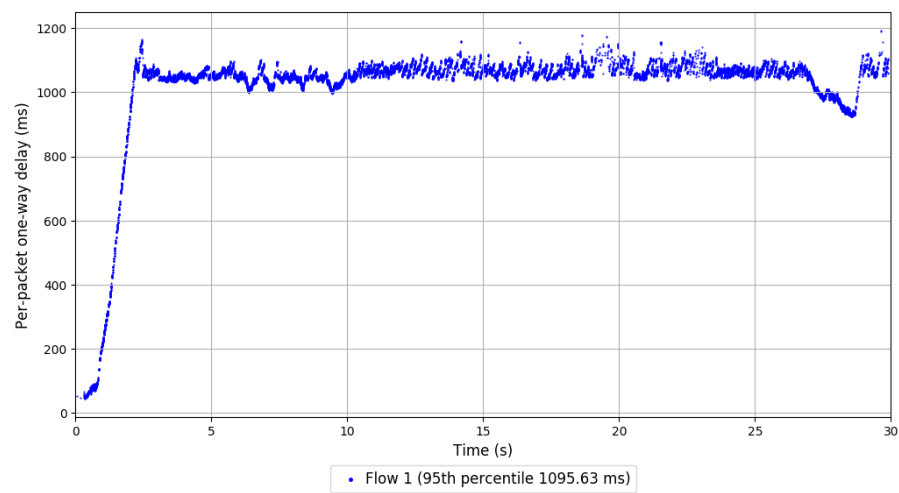
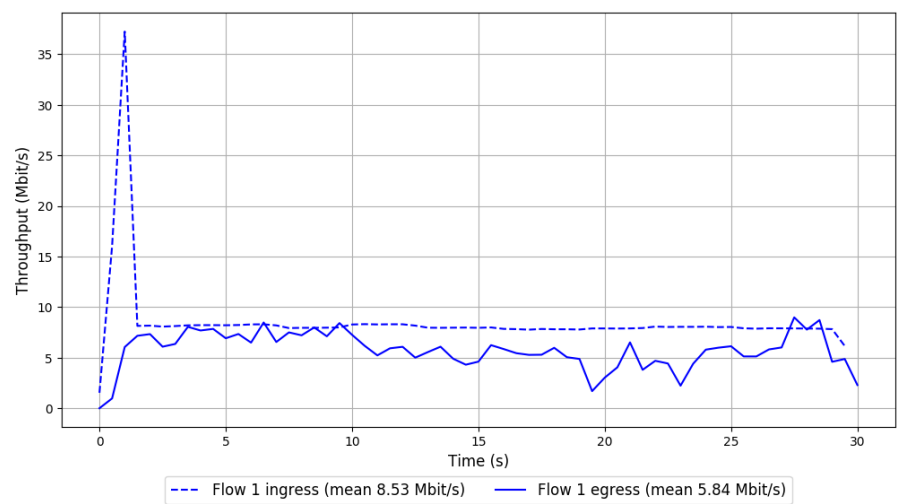


Run 10: Statistics of PCC-Allegro

Start at: 2018-05-24 02:44:32
End at: 2018-05-24 02:45:02
Local clock offset: 1.491 ms
Remote clock offset: 14.187 ms

Below is generated by plot.py at 2018-05-24 02:46:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 1095.634 ms
Loss rate: 31.65%
-- Flow 1:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 1095.634 ms
Loss rate: 31.65%

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

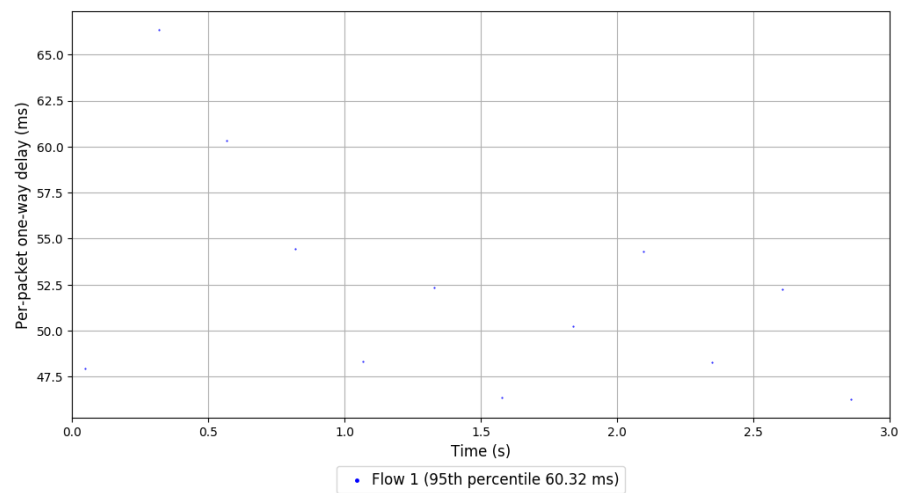
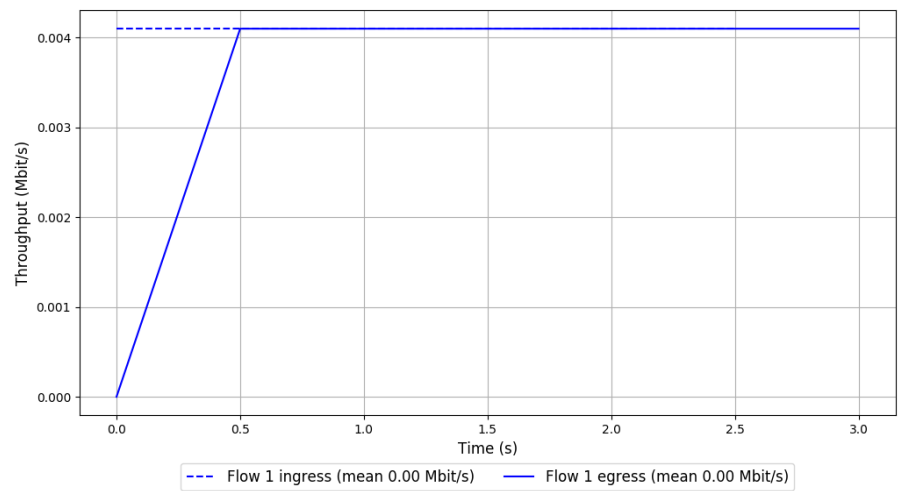
Start at: 2018-05-23 23:53:12

End at: 2018-05-23 23:53:42

Local clock offset: 2.475 ms

Remote clock offset: -7.656 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

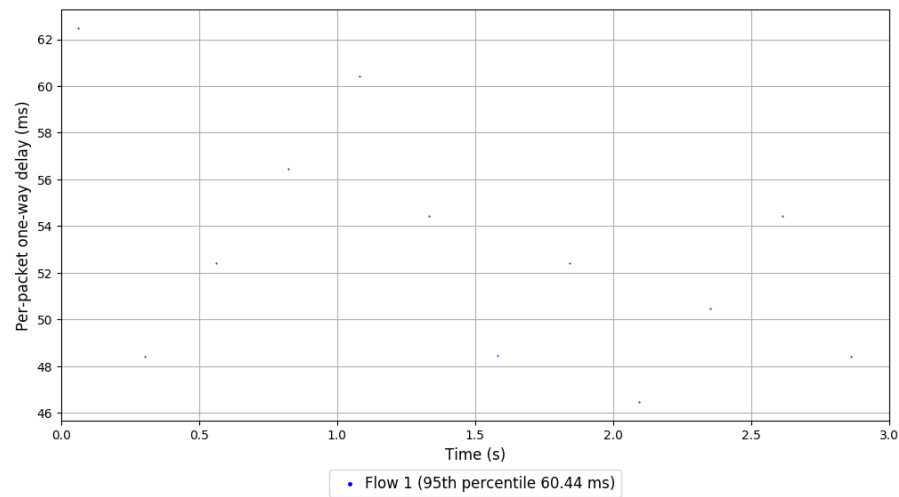
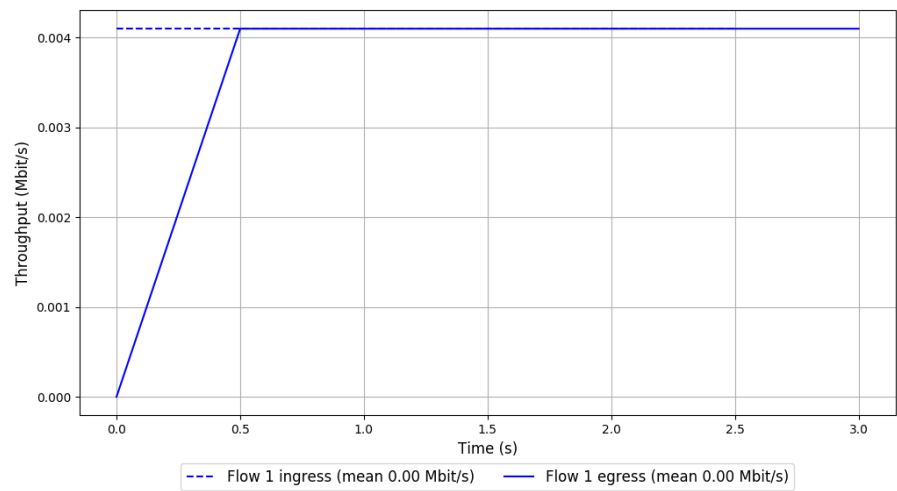
Start at: 2018-05-24 00:10:34

End at: 2018-05-24 00:11:04

Local clock offset: 0.692 ms

Remote clock offset: -5.766 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

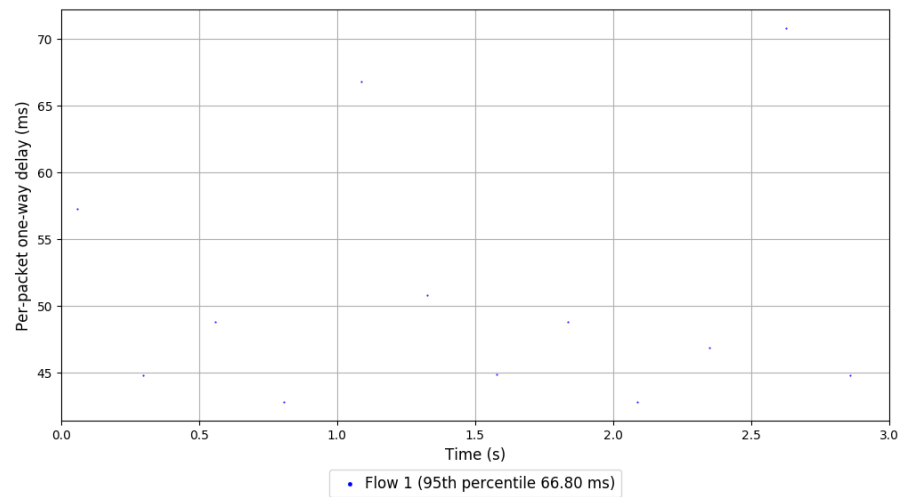
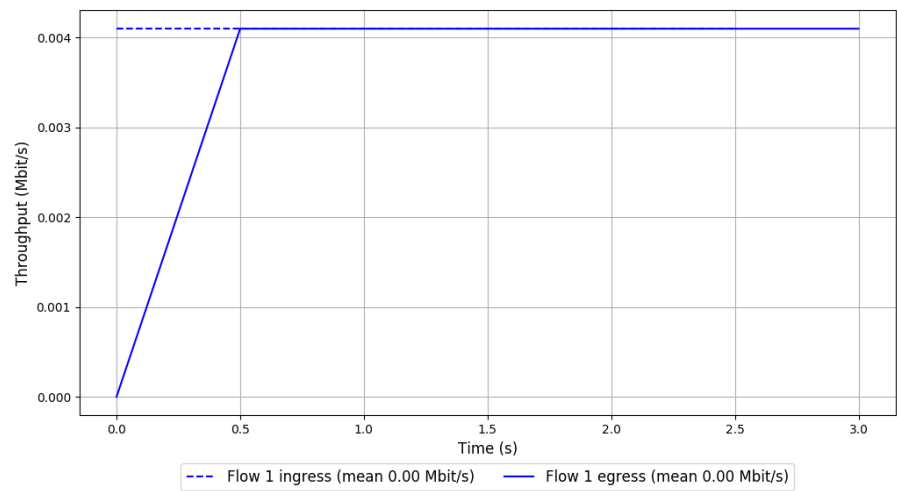
Start at: 2018-05-24 00:27:56

End at: 2018-05-24 00:28:26

Local clock offset: 3.521 ms

Remote clock offset: -7.126 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

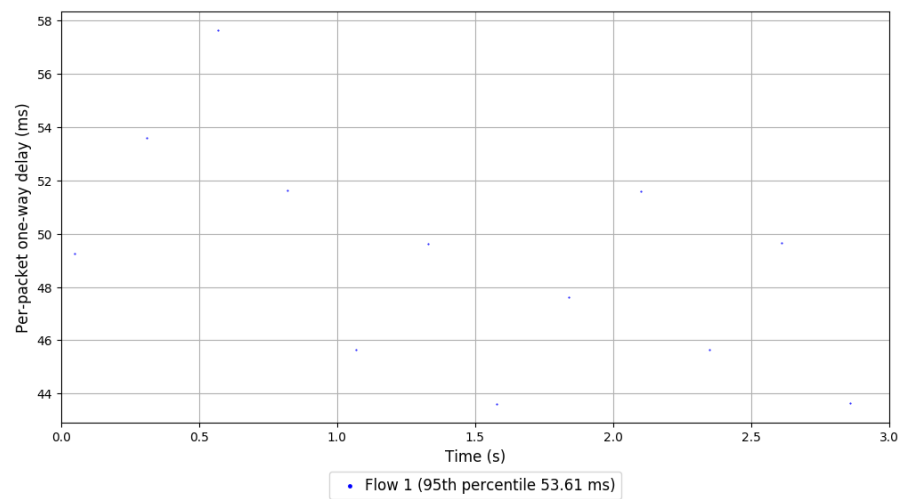
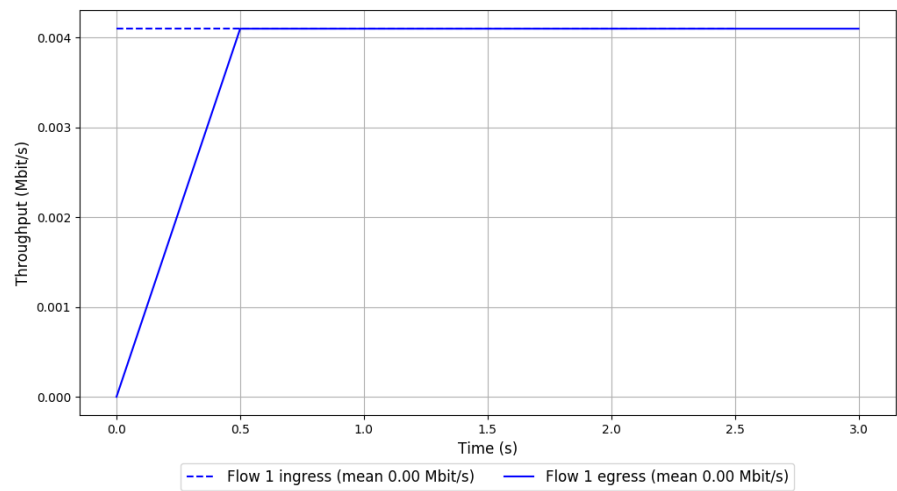
Start at: 2018-05-24 00:45:15

End at: 2018-05-24 00:45:45

Local clock offset: 1.752 ms

Remote clock offset: -2.869 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

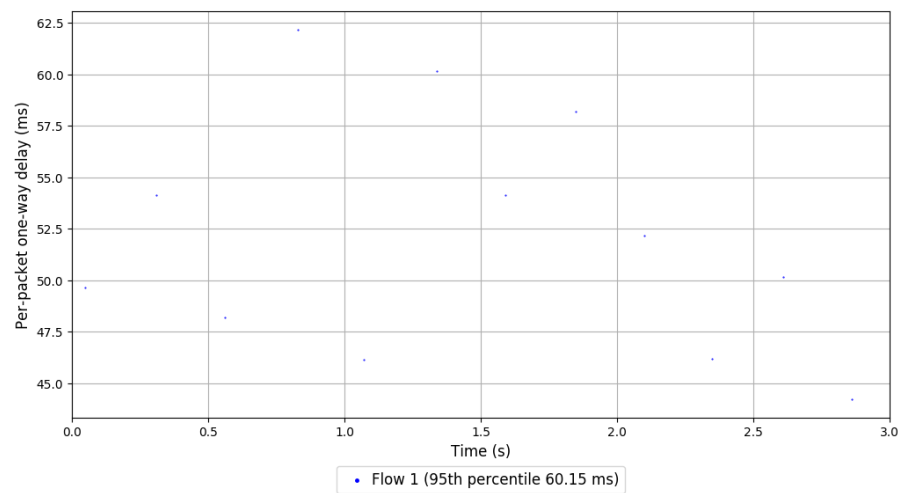
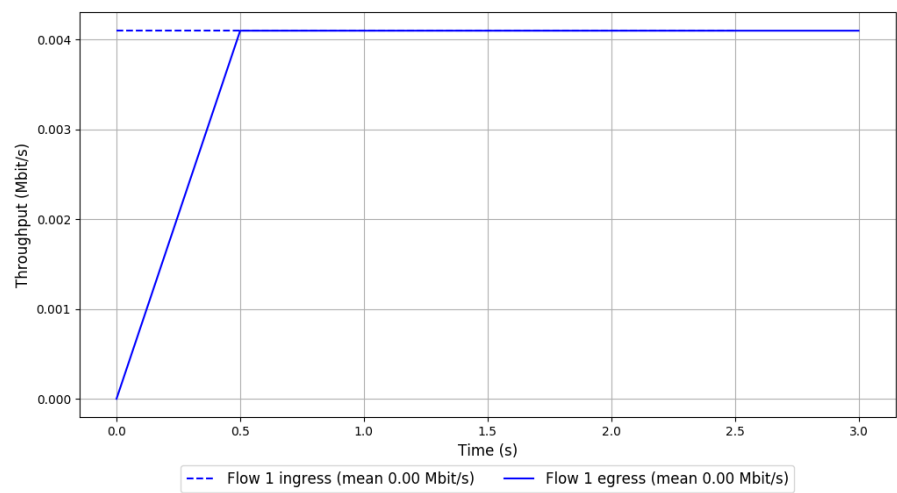
Start at: 2018-05-24 01:02:34

End at: 2018-05-24 01:03:04

Local clock offset: 0.95 ms

Remote clock offset: 1.51 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

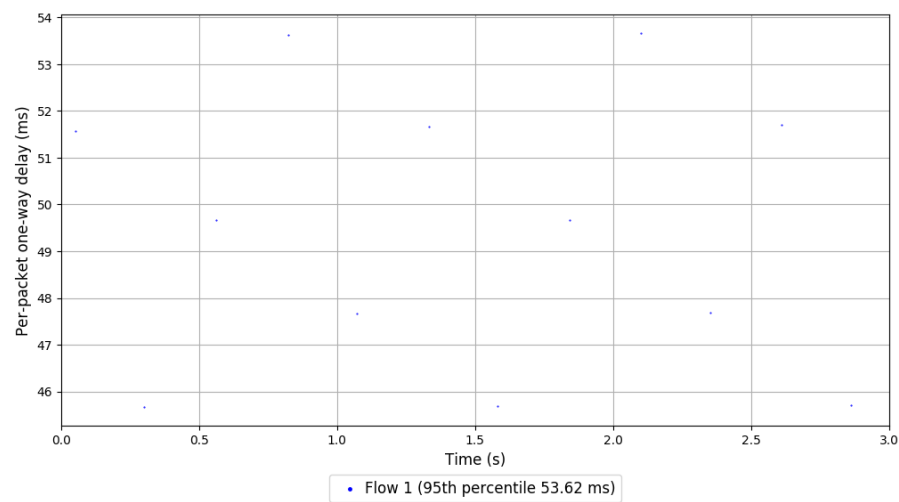
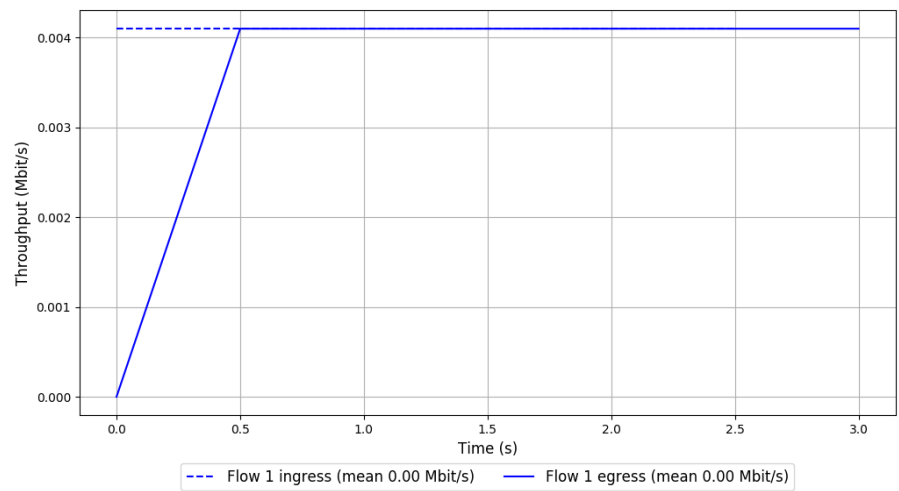
Start at: 2018-05-24 01:20:00

End at: 2018-05-24 01:20:30

Local clock offset: -0.894 ms

Remote clock offset: -3.274 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

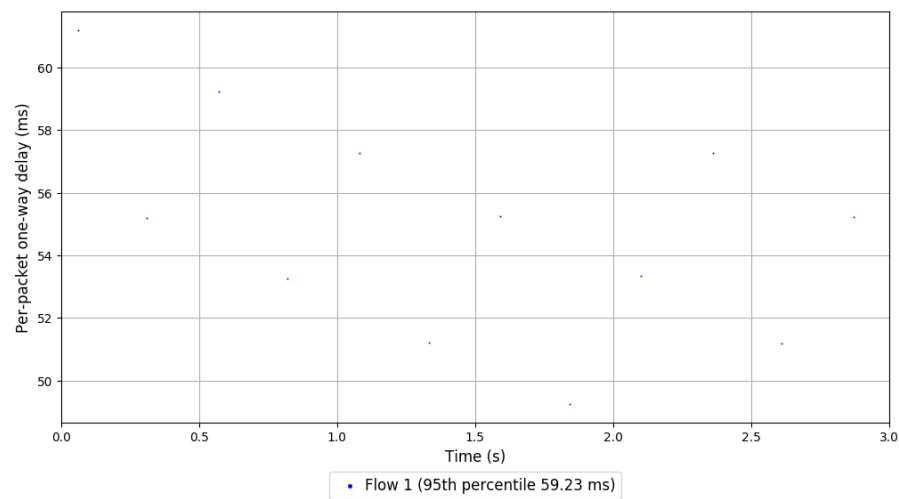
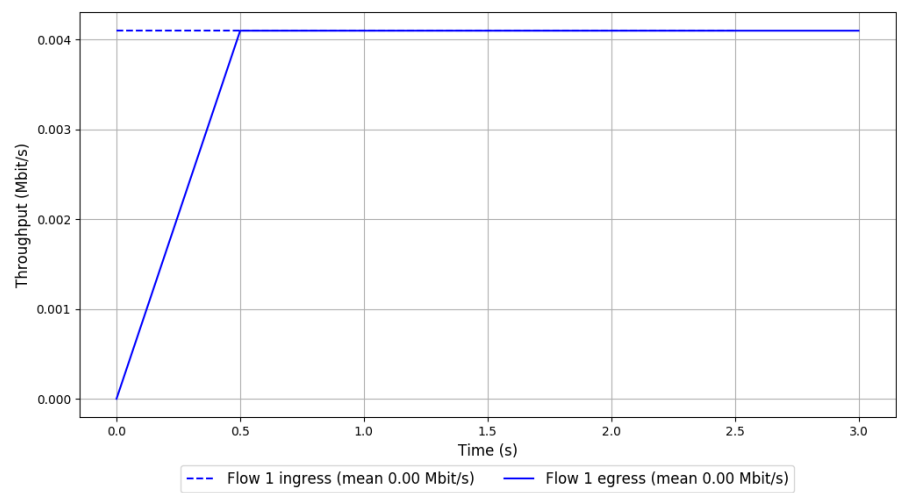
Start at: 2018-05-24 01:37:21

End at: 2018-05-24 01:37:51

Local clock offset: -0.039 ms

Remote clock offset: -5.024 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

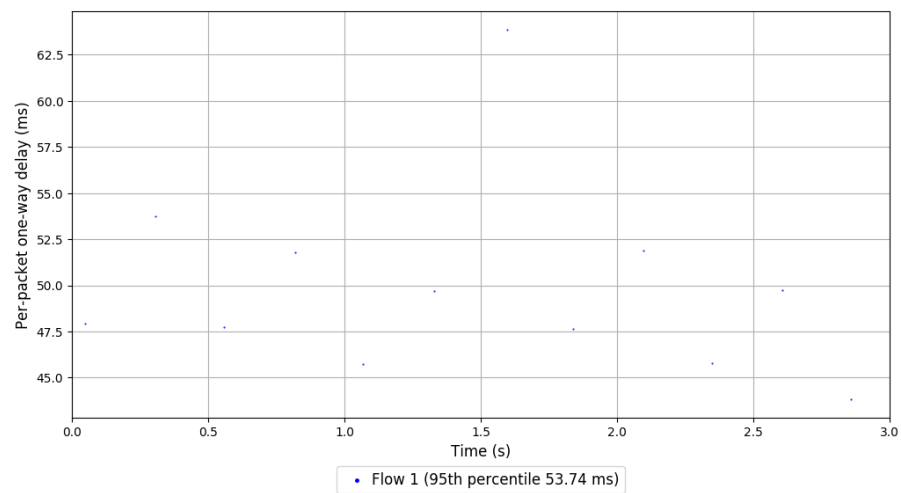
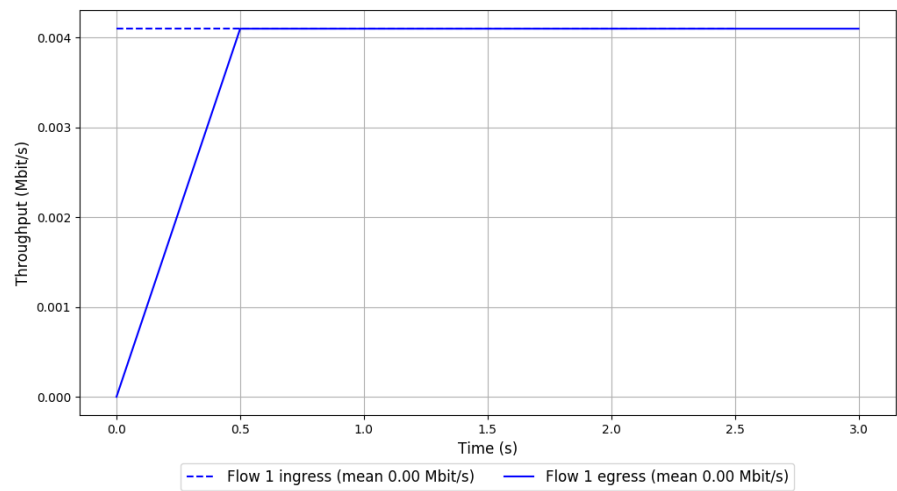
Start at: 2018-05-24 01:54:44

End at: 2018-05-24 01:55:14

Local clock offset: 1.144 ms

Remote clock offset: -0.482 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

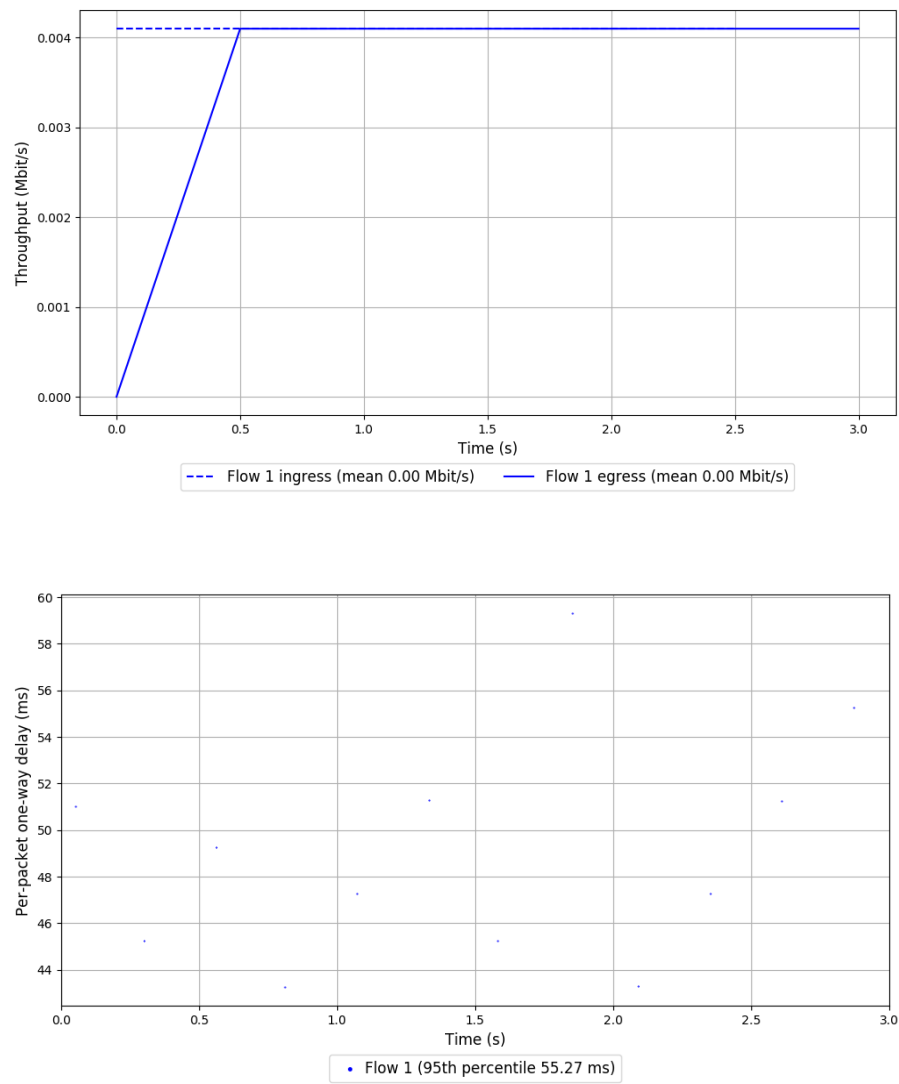
Start at: 2018-05-24 02:12:03

End at: 2018-05-24 02:12:33

Local clock offset: 1.037 ms

Remote clock offset: 5.443 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

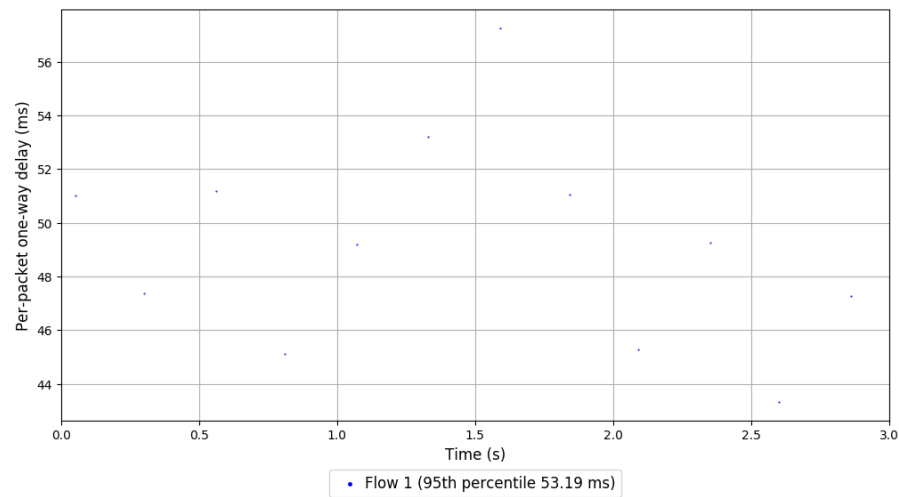
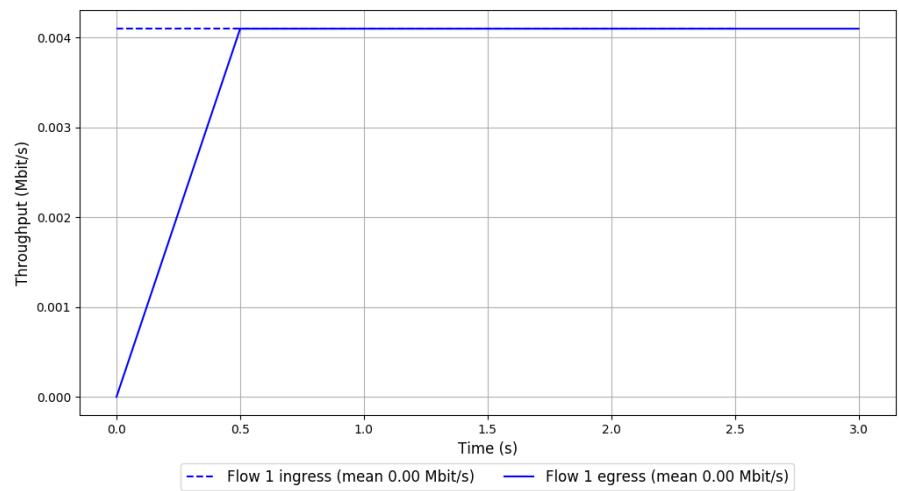
Start at: 2018-05-24 02:29:23

End at: 2018-05-24 02:29:53

Local clock offset: 0.319 ms

Remote clock offset: 11.253 ms

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

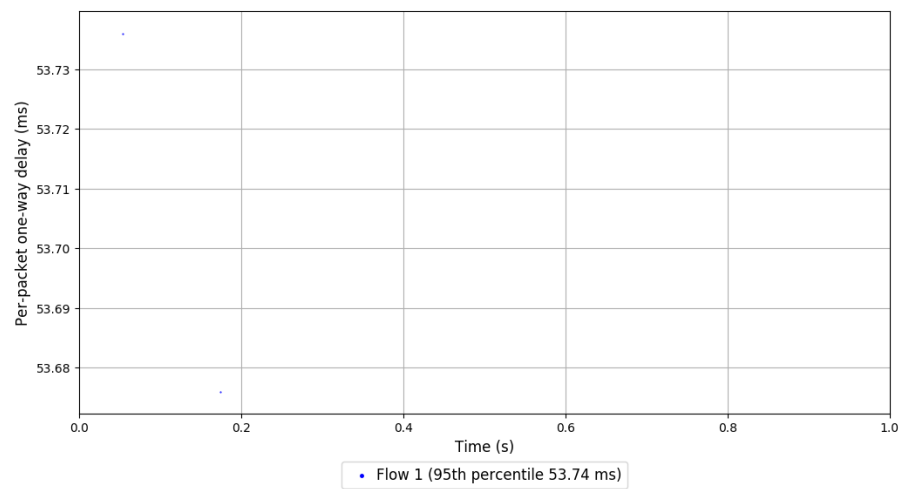
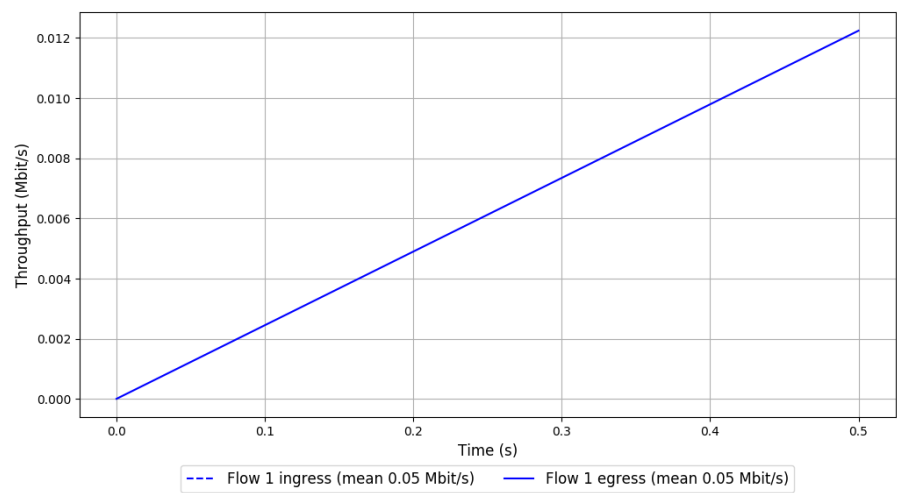
Start at: 2018-05-23 23:55:21

End at: 2018-05-23 23:55:51

Local clock offset: 2.269 ms

Remote clock offset: -7.074 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-05-24 00:12:44

End at: 2018-05-24 00:13:14

Local clock offset: 1.329 ms

Remote clock offset: -5.588 ms

Below is generated by plot.py at 2018-05-24 02:47:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.05 Mbit/s

95th percentile per-packet one-way delay: 284.384 ms

Loss rate: 0.92%

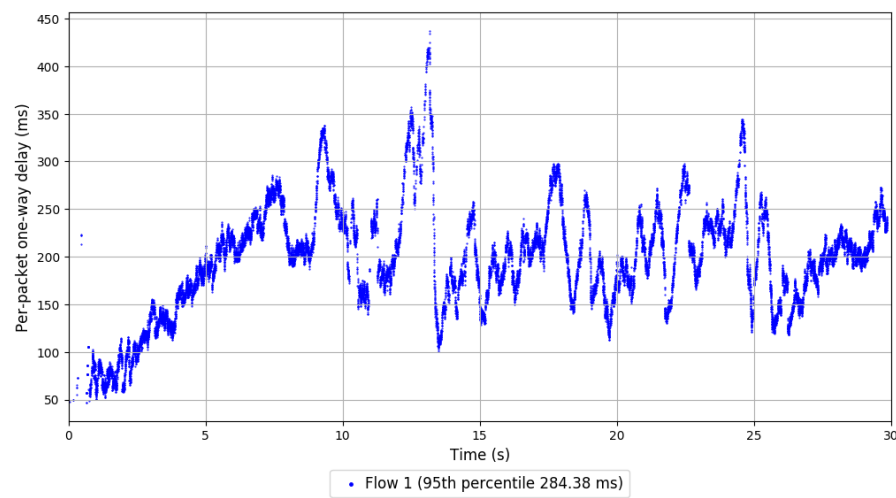
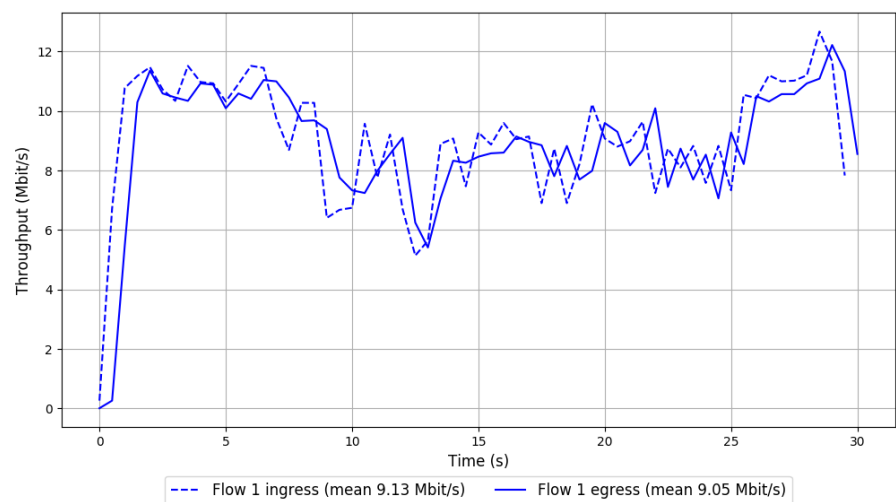
-- Flow 1:

Average throughput: 9.05 Mbit/s

95th percentile per-packet one-way delay: 284.384 ms

Loss rate: 0.92%

Run 2: Report of QUIC Cubic — Data Link

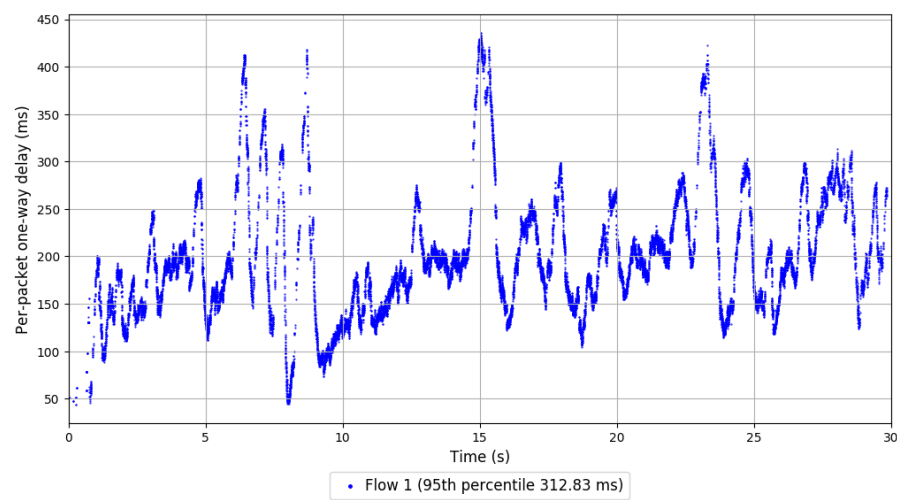
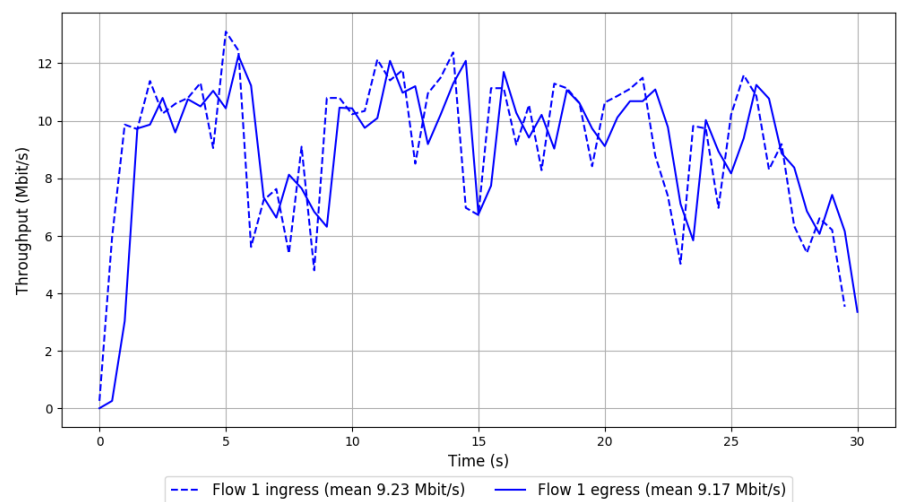


Run 3: Statistics of QUIC Cubic

Start at: 2018-05-24 00:30:05
End at: 2018-05-24 00:30:35
Local clock offset: 2.131 ms
Remote clock offset: -7.164 ms

Below is generated by plot.py at 2018-05-24 02:47:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 312.831 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 312.831 ms
Loss rate: 0.73%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-05-24 00:47:25

End at: 2018-05-24 00:47:55

Local clock offset: 3.621 ms

Remote clock offset: -1.766 ms

Below is generated by plot.py at 2018-05-24 02:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.51 Mbit/s

95th percentile per-packet one-way delay: 259.972 ms

Loss rate: 0.92%

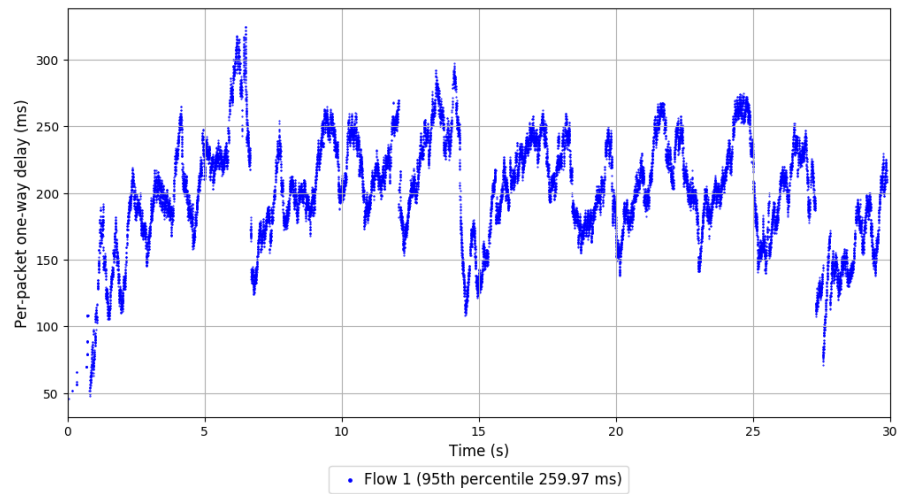
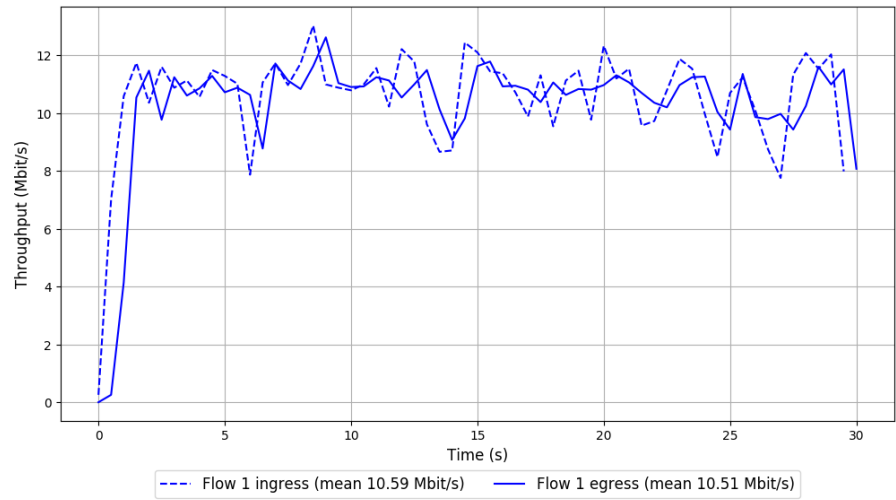
-- Flow 1:

Average throughput: 10.51 Mbit/s

95th percentile per-packet one-way delay: 259.972 ms

Loss rate: 0.92%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-05-24 01:04:44

End at: 2018-05-24 01:05:14

Local clock offset: 1.224 ms

Remote clock offset: 2.39 ms

Below is generated by plot.py at 2018-05-24 02:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.10 Mbit/s

95th percentile per-packet one-way delay: 326.760 ms

Loss rate: 0.66%

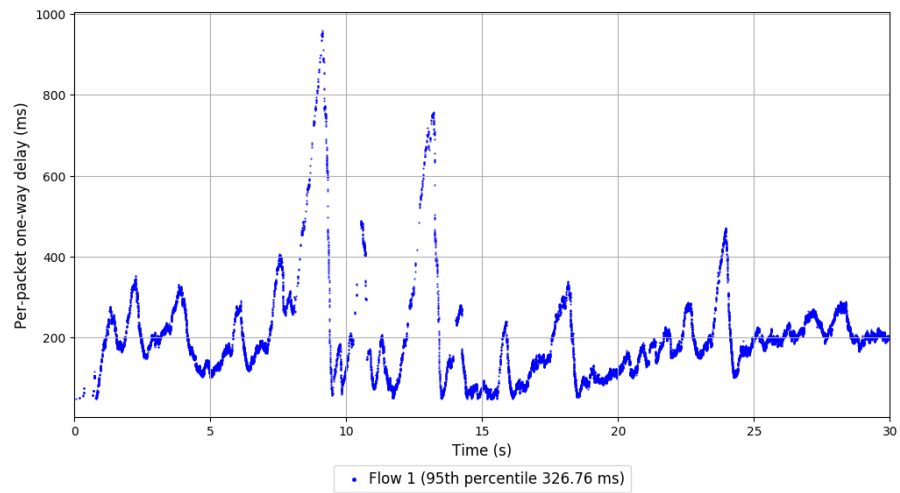
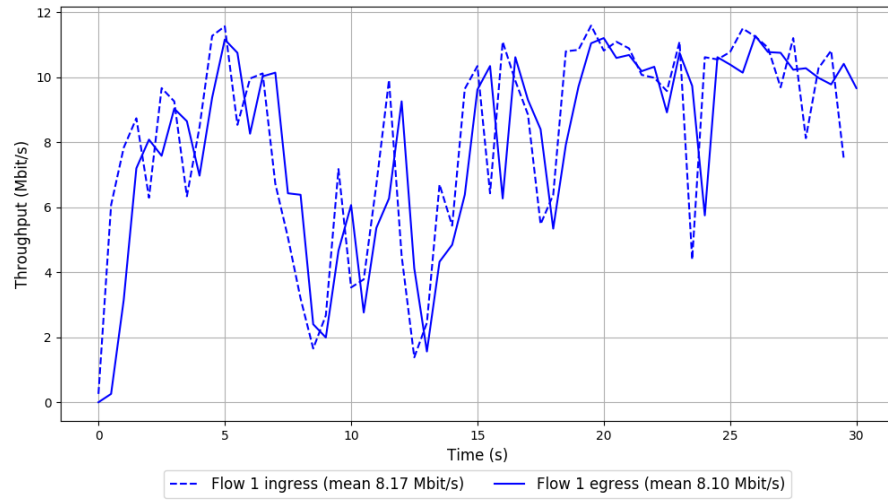
-- Flow 1:

Average throughput: 8.10 Mbit/s

95th percentile per-packet one-way delay: 326.760 ms

Loss rate: 0.66%

Run 5: Report of QUIC Cubic — Data Link

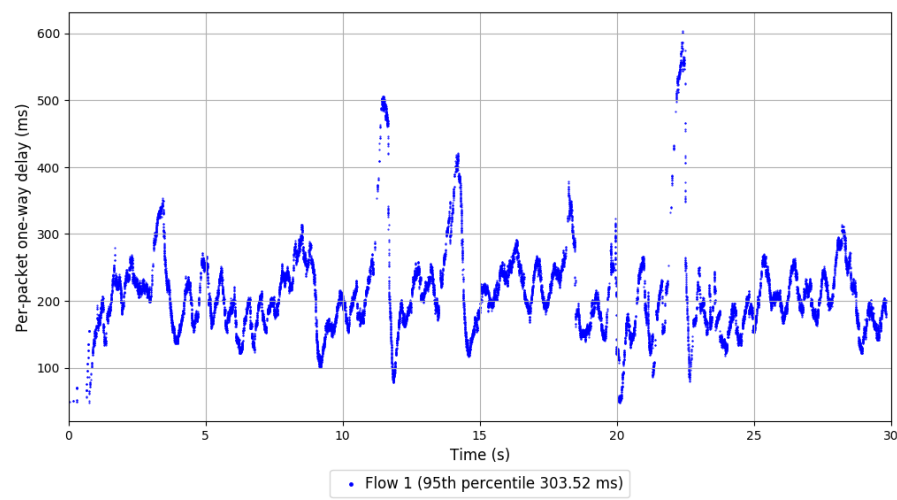
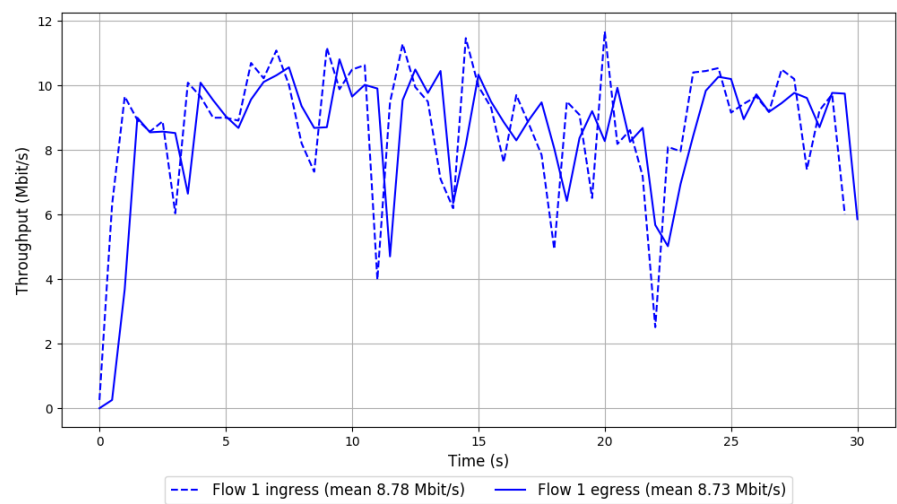


Run 6: Statistics of QUIC Cubic

Start at: 2018-05-24 01:22:10
End at: 2018-05-24 01:22:40
Local clock offset: 2.34 ms
Remote clock offset: -3.696 ms

Below is generated by plot.py at 2018-05-24 02:47:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 303.519 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 303.519 ms
Loss rate: 0.74%

Run 6: Report of QUIC Cubic — Data Link

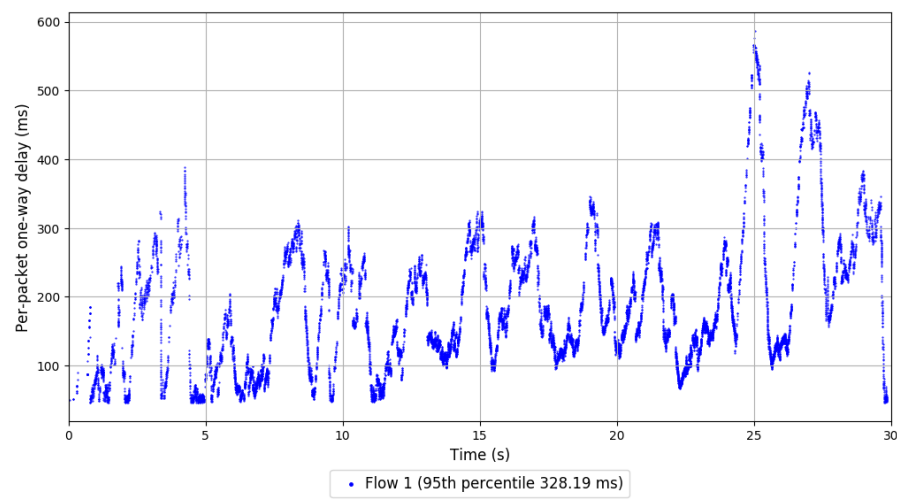
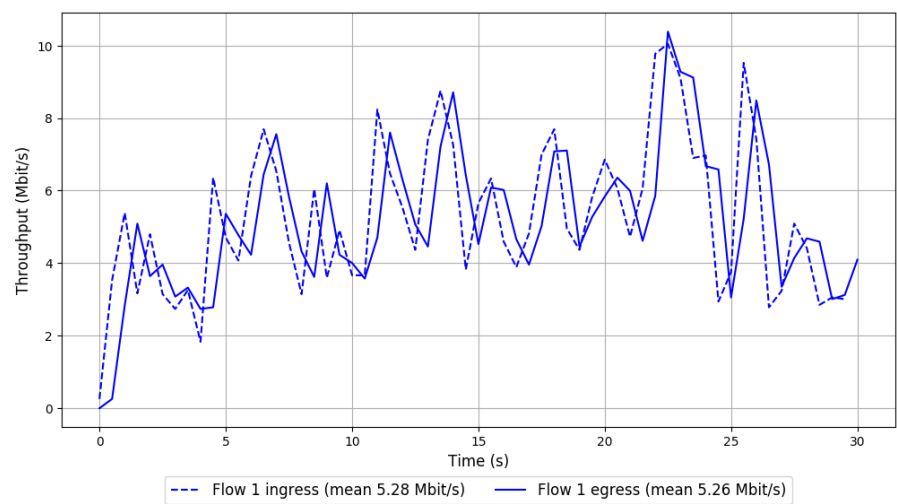


Run 7: Statistics of QUIC Cubic

Start at: 2018-05-24 01:39:31
End at: 2018-05-24 01:40:01
Local clock offset: 2.268 ms
Remote clock offset: -4.555 ms

Below is generated by plot.py at 2018-05-24 02:47:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 328.193 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 328.193 ms
Loss rate: 0.41%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-05-24 01:56:53

End at: 2018-05-24 01:57:23

Local clock offset: -1.238 ms

Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-05-24 02:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.05 Mbit/s

95th percentile per-packet one-way delay: 360.506 ms

Loss rate: 0.87%

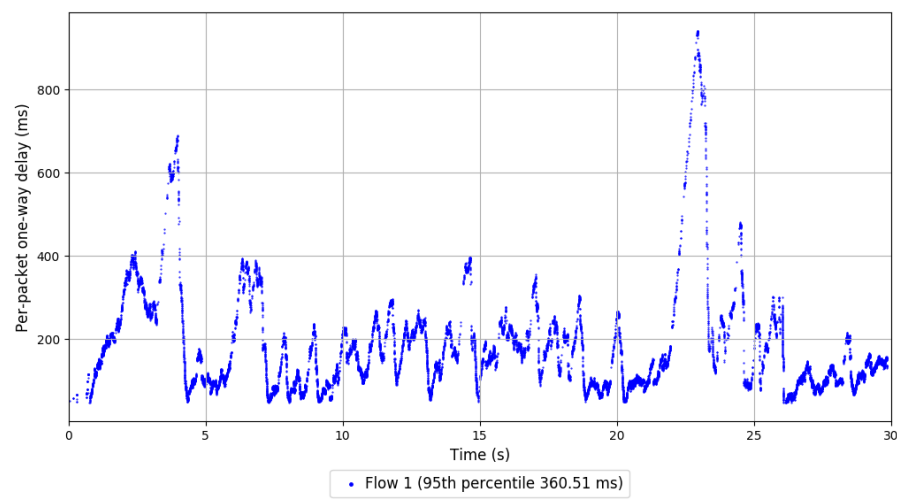
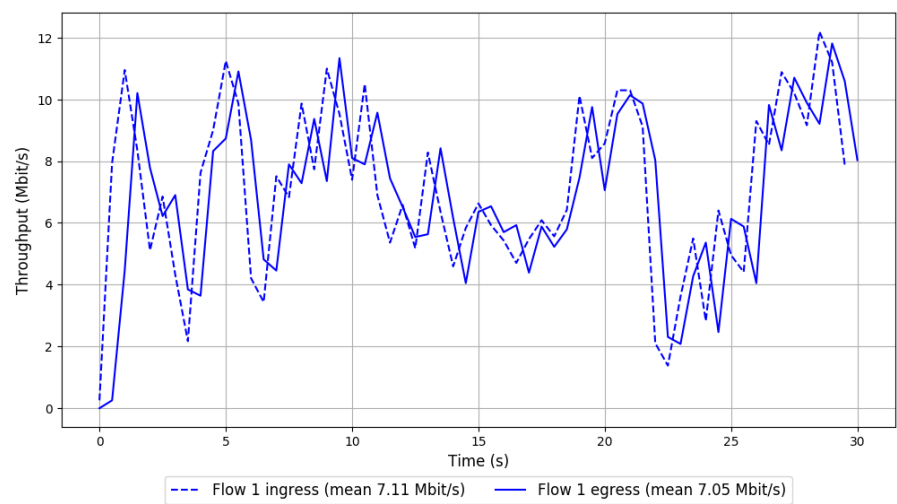
-- Flow 1:

Average throughput: 7.05 Mbit/s

95th percentile per-packet one-way delay: 360.506 ms

Loss rate: 0.87%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-05-24 02:14:15

End at: 2018-05-24 02:14:45

Local clock offset: 1.723 ms

Remote clock offset: 5.609 ms

Below is generated by plot.py at 2018-05-24 02:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.38 Mbit/s

95th percentile per-packet one-way delay: 356.330 ms

Loss rate: 0.83%

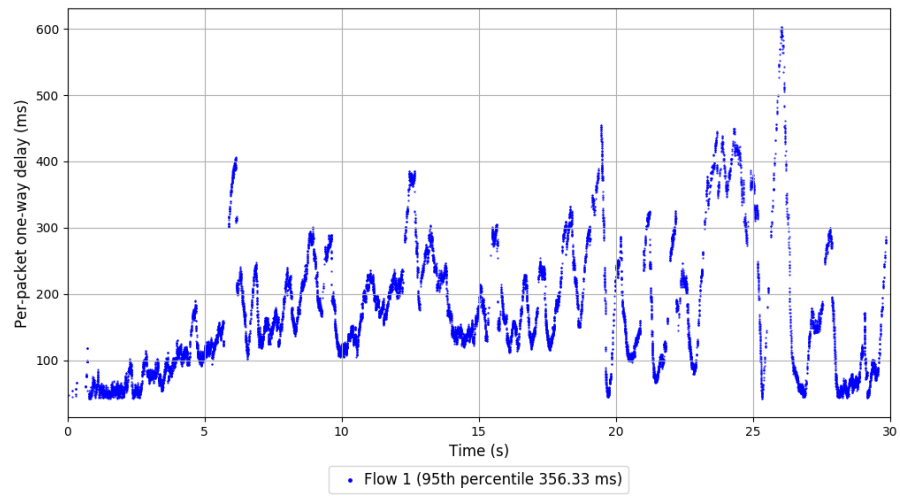
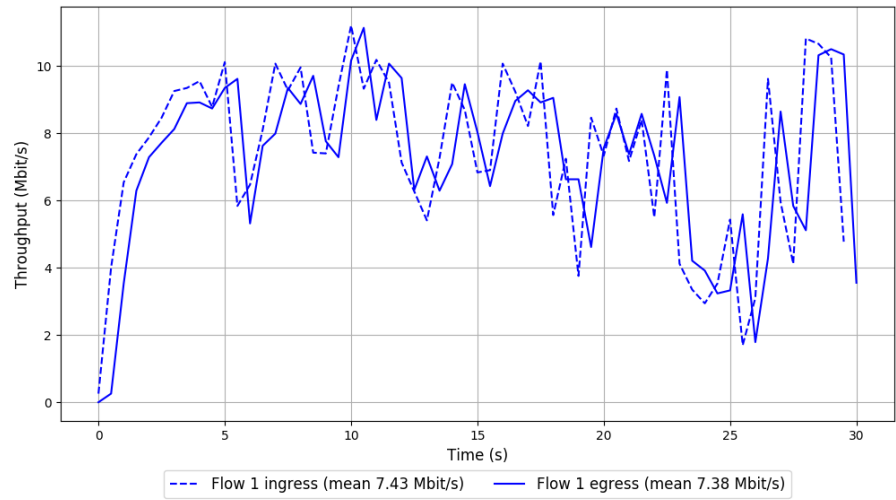
-- Flow 1:

Average throughput: 7.38 Mbit/s

95th percentile per-packet one-way delay: 356.330 ms

Loss rate: 0.83%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-05-24 02:31:33

End at: 2018-05-24 02:32:03

Local clock offset: -1.247 ms

Remote clock offset: 10.78 ms

Below is generated by plot.py at 2018-05-24 02:47:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.48 Mbit/s

95th percentile per-packet one-way delay: 356.217 ms

Loss rate: 1.49%

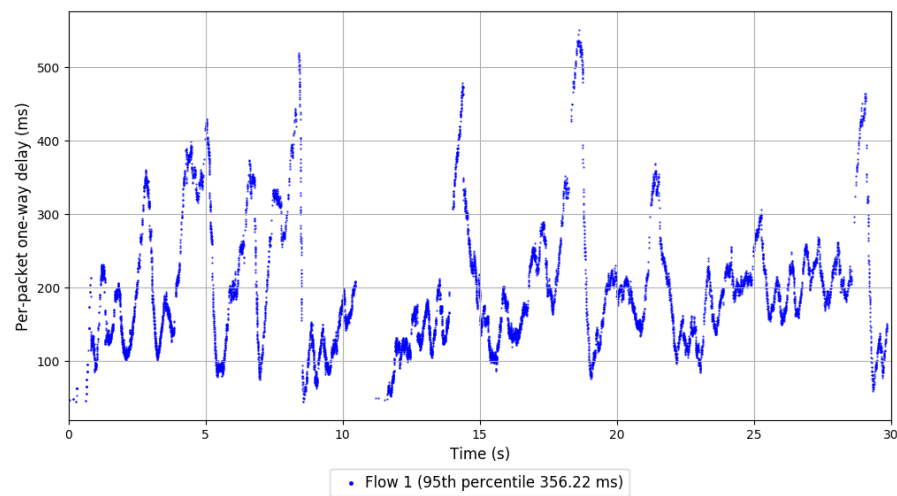
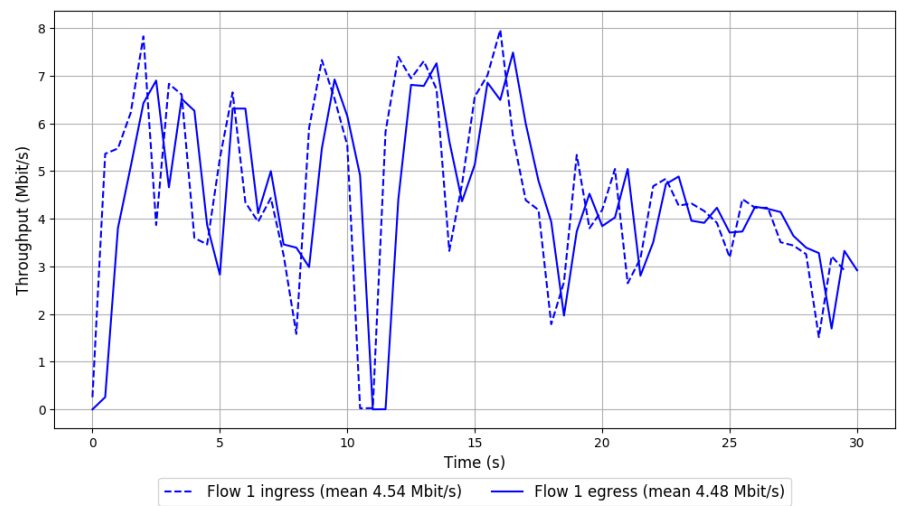
-- Flow 1:

Average throughput: 4.48 Mbit/s

95th percentile per-packet one-way delay: 356.217 ms

Loss rate: 1.49%

Run 10: Report of QUIC Cubic — Data Link

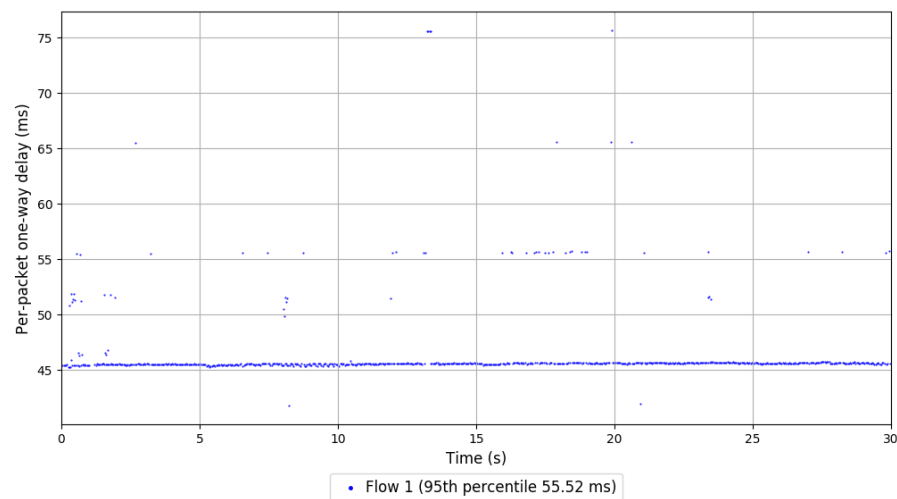
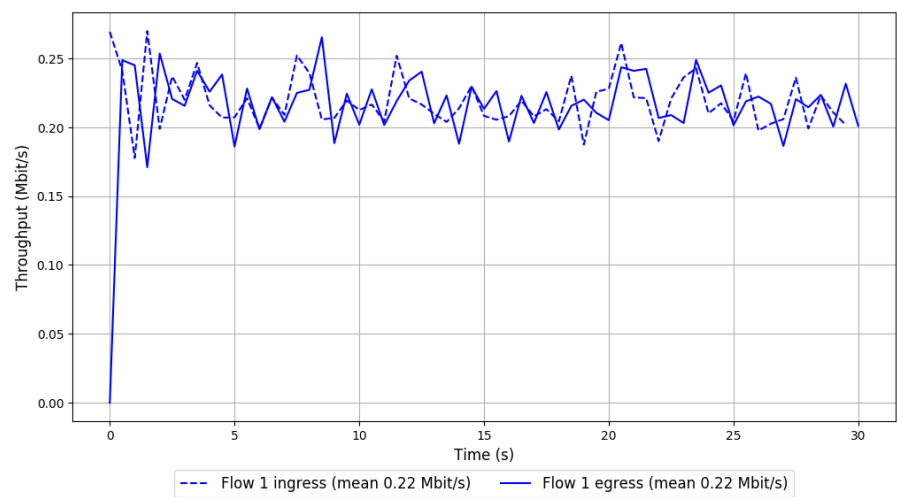


Run 1: Statistics of SCReAM

Start at: 2018-05-23 23:57:31
End at: 2018-05-23 23:58:01
Local clock offset: 5.067 ms
Remote clock offset: -7.897 ms

Below is generated by plot.py at 2018-05-24 02:47:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.519 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.519 ms
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-05-24 00:14:55

End at: 2018-05-24 00:15:25

Local clock offset: 1.677 ms

Remote clock offset: -7.46 ms

Below is generated by plot.py at 2018-05-24 02:47:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.181 ms

Loss rate: 0.13%

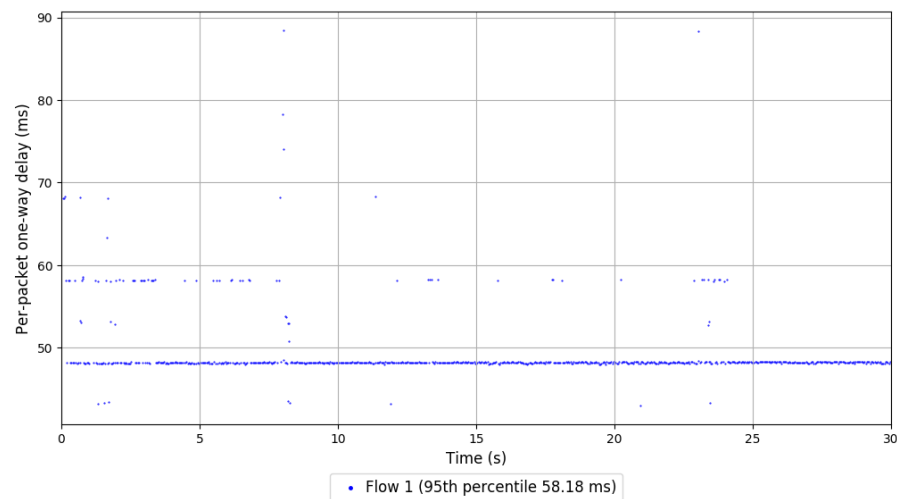
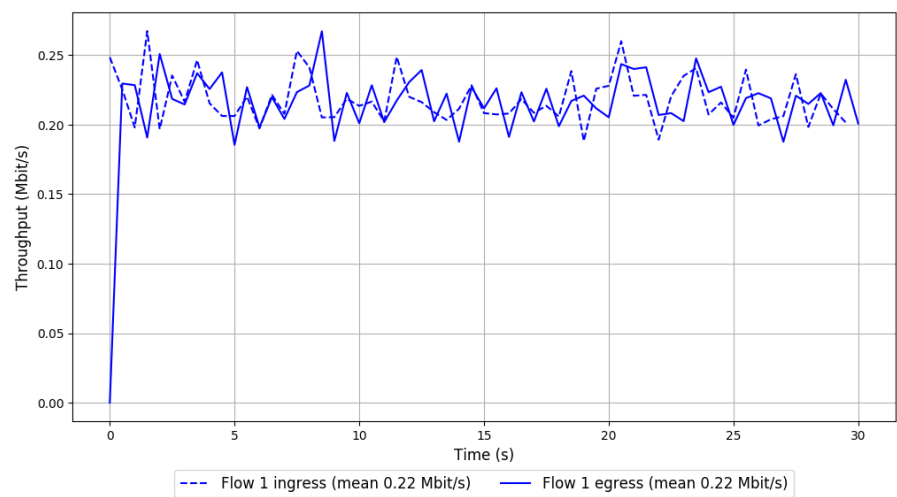
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.181 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

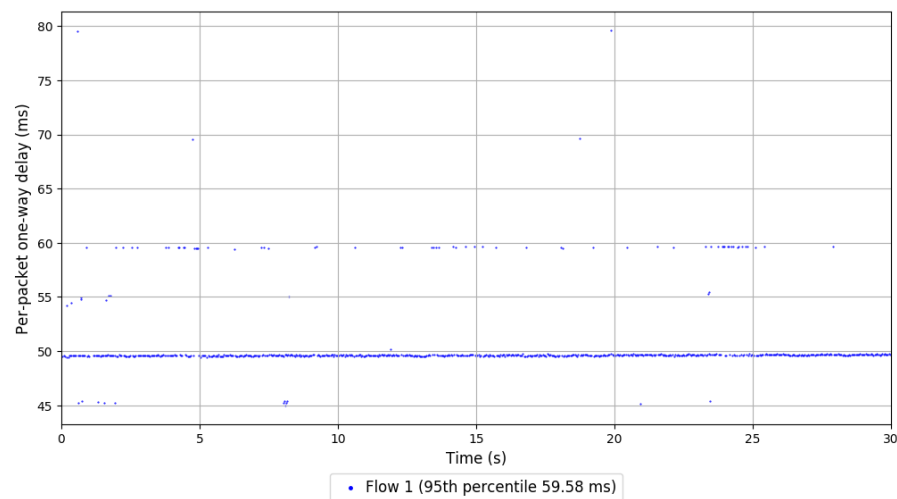
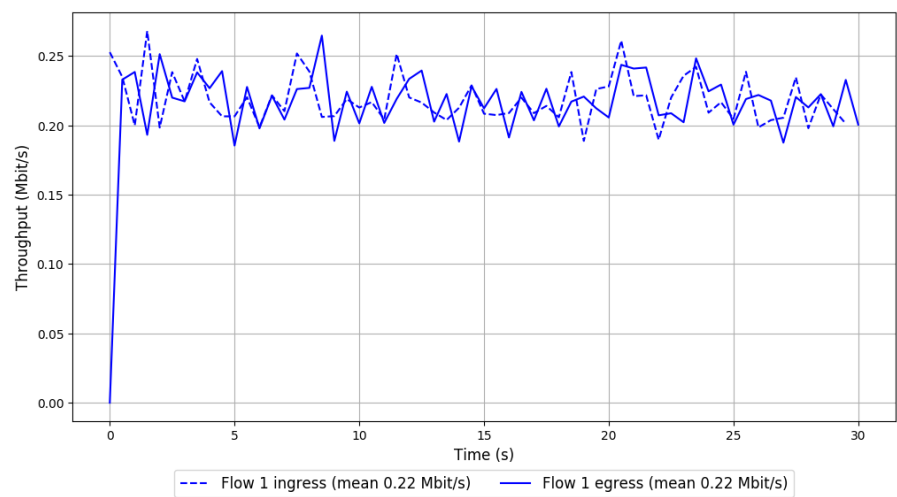


Run 3: Statistics of SCReAM

Start at: 2018-05-24 00:32:14
End at: 2018-05-24 00:32:44
Local clock offset: 2.451 ms
Remote clock offset: -5.126 ms

Below is generated by plot.py at 2018-05-24 02:47:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.579 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.579 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

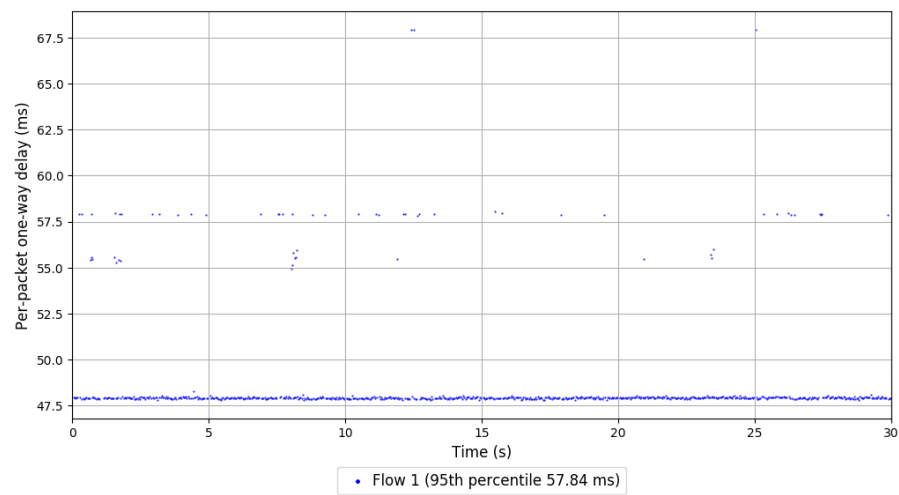
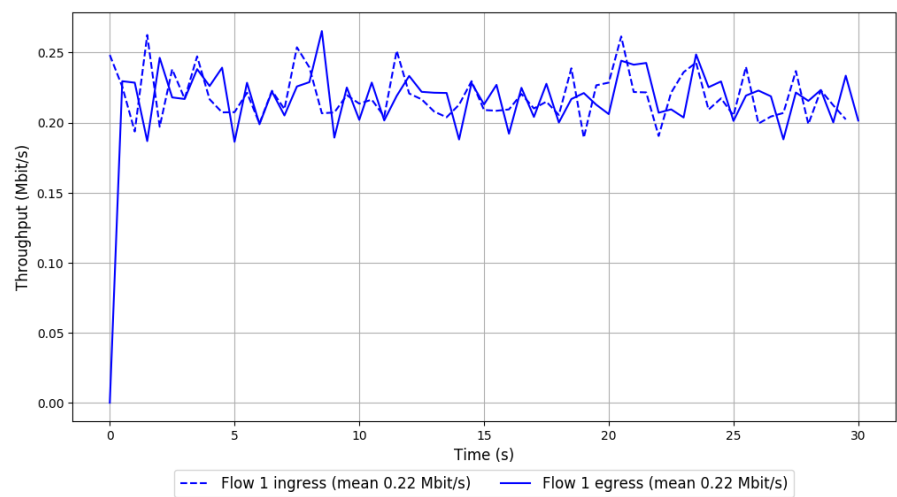


Run 4: Statistics of SCReAM

Start at: 2018-05-24 00:49:35
End at: 2018-05-24 00:50:05
Local clock offset: 2.585 ms
Remote clock offset: -1.008 ms

Below is generated by plot.py at 2018-05-24 02:47:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.842 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.842 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-05-24 01:06:54

End at: 2018-05-24 01:07:24

Local clock offset: 0.405 ms

Remote clock offset: 3.944 ms

Below is generated by plot.py at 2018-05-24 02:47:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.641 ms

Loss rate: 0.13%

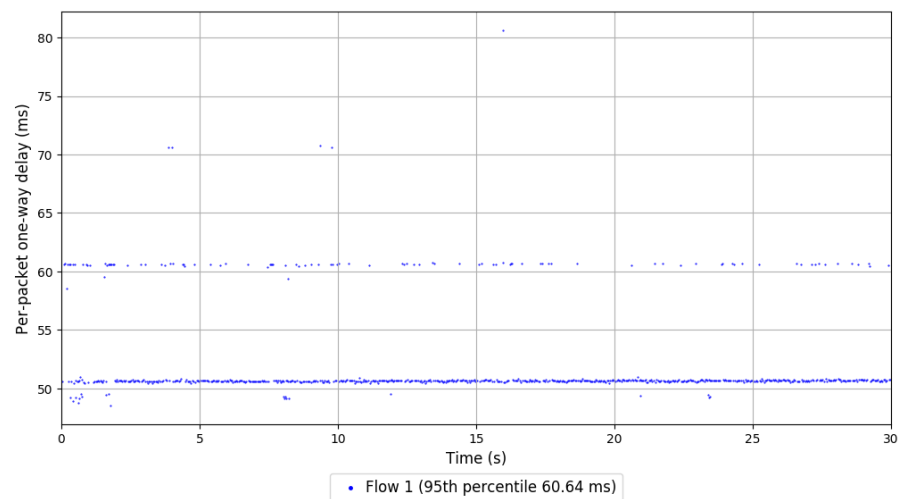
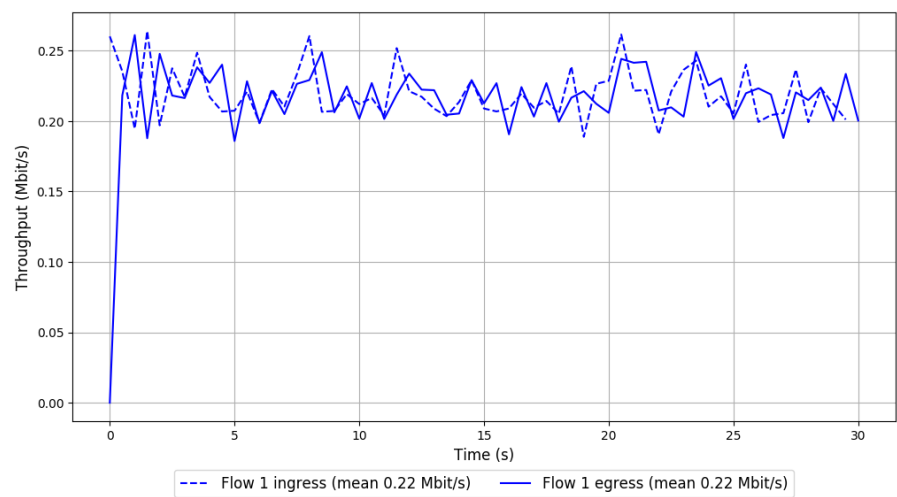
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.641 ms

Loss rate: 0.13%

Run 5: Report of SCRaM — Data Link

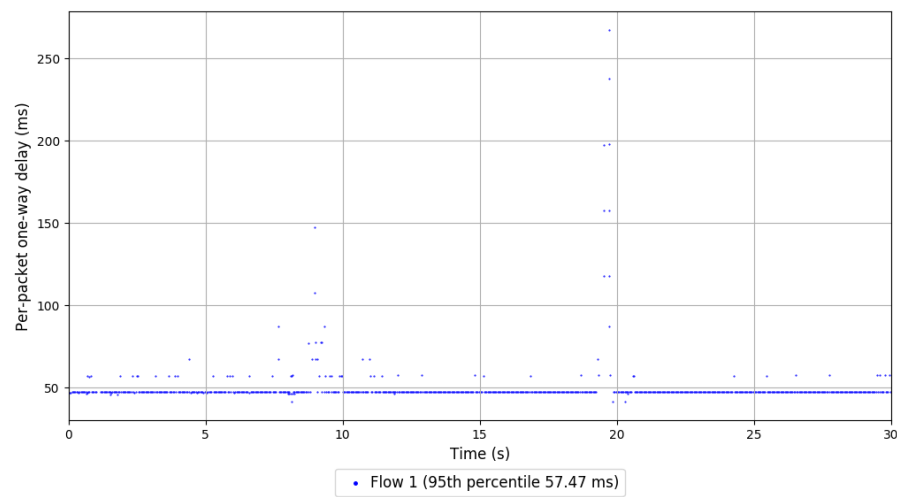
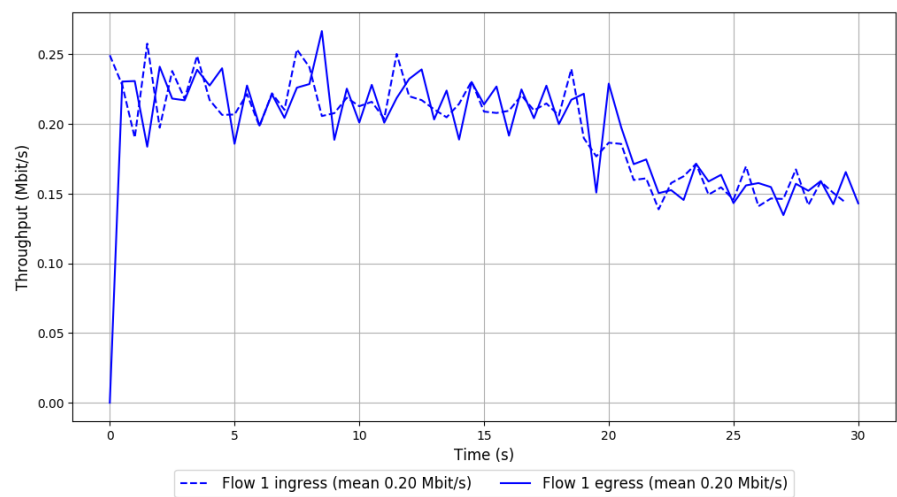


Run 6: Statistics of SCReAM

Start at: 2018-05-24 01:24:21
End at: 2018-05-24 01:24:51
Local clock offset: 2.716 ms
Remote clock offset: -3.839 ms

Below is generated by plot.py at 2018-05-24 02:47:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 57.473 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 57.473 ms
Loss rate: 0.10%

Run 6: Report of SReAM — Data Link

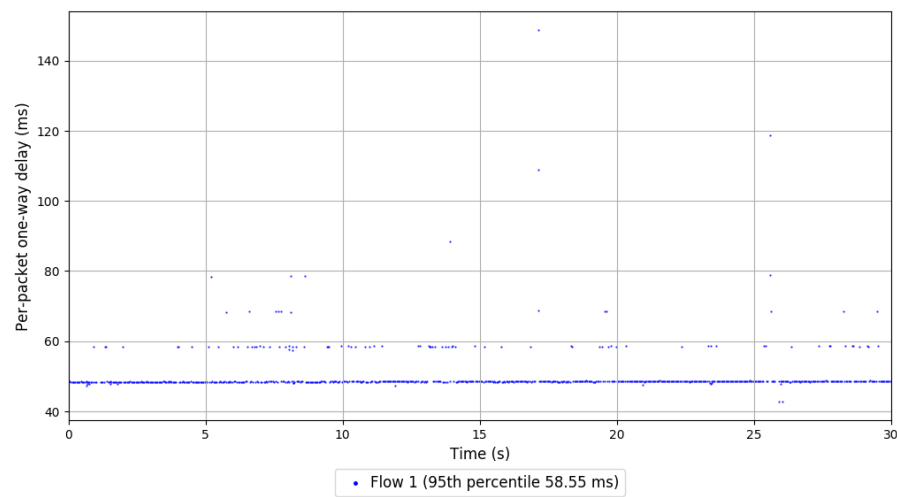
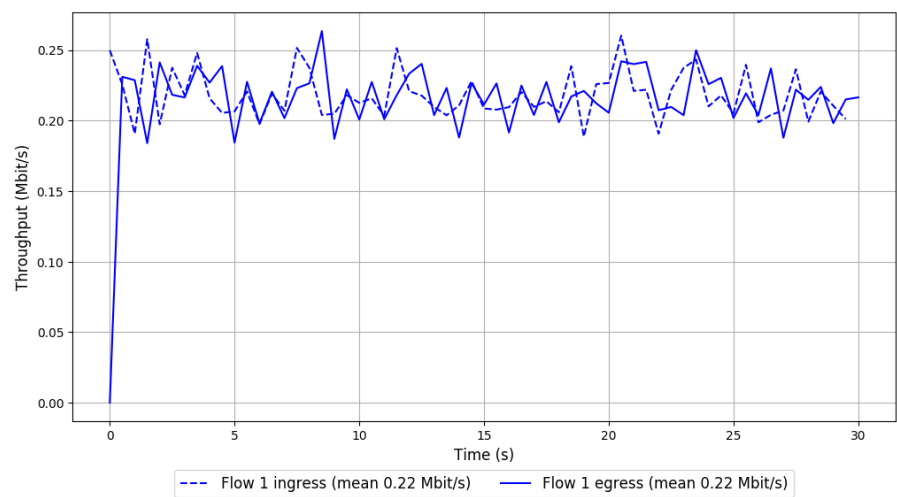


Run 7: Statistics of SCReAM

Start at: 2018-05-24 01:41:41
End at: 2018-05-24 01:42:11
Local clock offset: 0.57 ms
Remote clock offset: -6.284 ms

Below is generated by plot.py at 2018-05-24 02:47:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.549 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.549 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-05-24 01:59:03

End at: 2018-05-24 01:59:33

Local clock offset: 1.32 ms

Remote clock offset: 1.521 ms

Below is generated by plot.py at 2018-05-24 02:47:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.742 ms

Loss rate: 0.13%

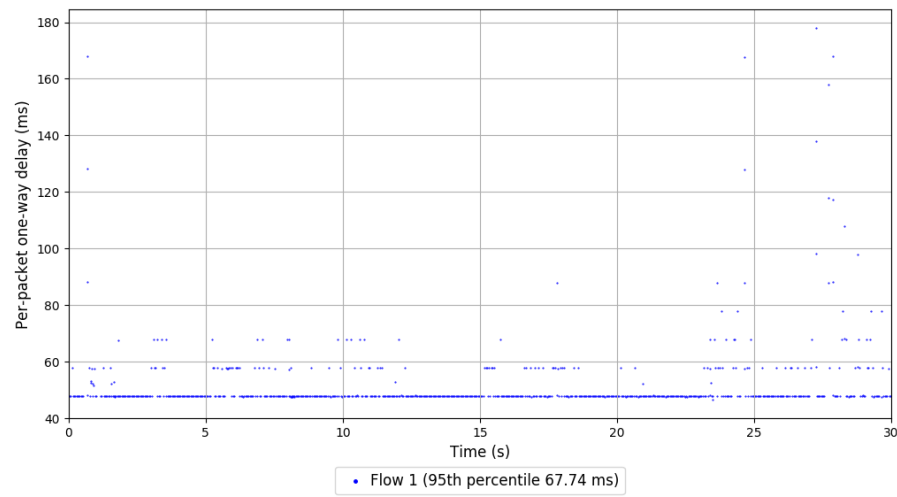
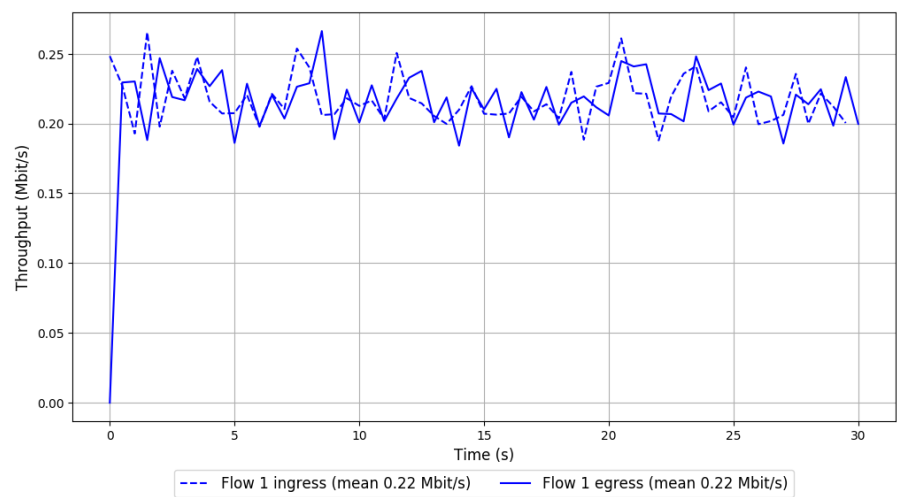
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.742 ms

Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-05-24 02:16:25

End at: 2018-05-24 02:16:55

Local clock offset: 0.12 ms

Remote clock offset: 5.295 ms

Below is generated by plot.py at 2018-05-24 02:47:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 100.729 ms

Loss rate: 0.09%

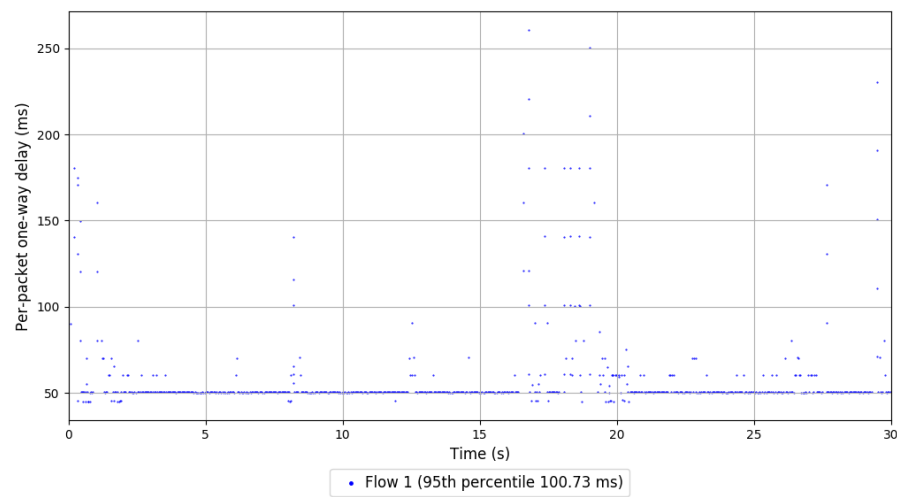
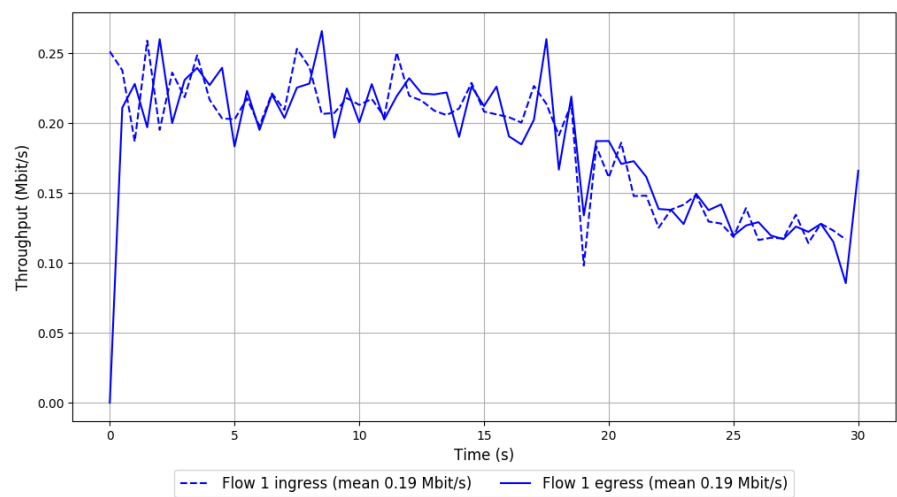
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 100.729 ms

Loss rate: 0.09%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

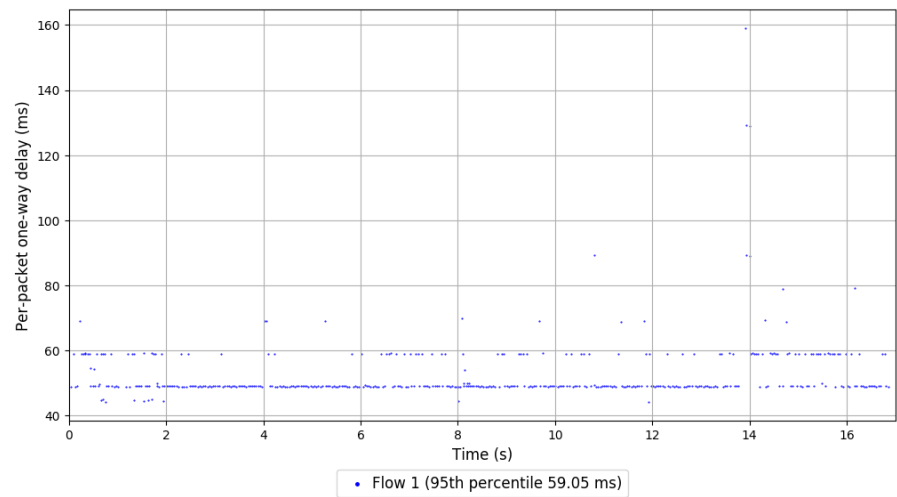
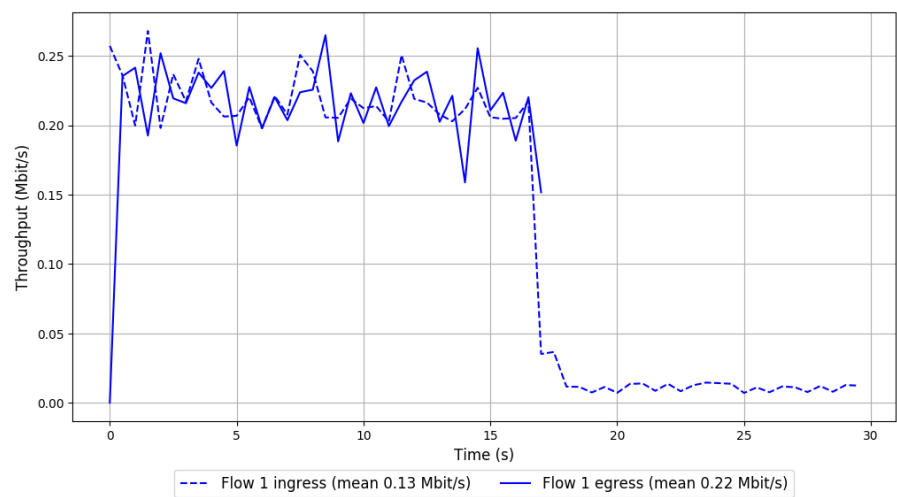
Start at: 2018-05-24 02:33:43

End at: 2018-05-24 02:34:13

Local clock offset: 0.14 ms

Remote clock offset: 12.097 ms

Run 10: Report of SCRaM — Data Link

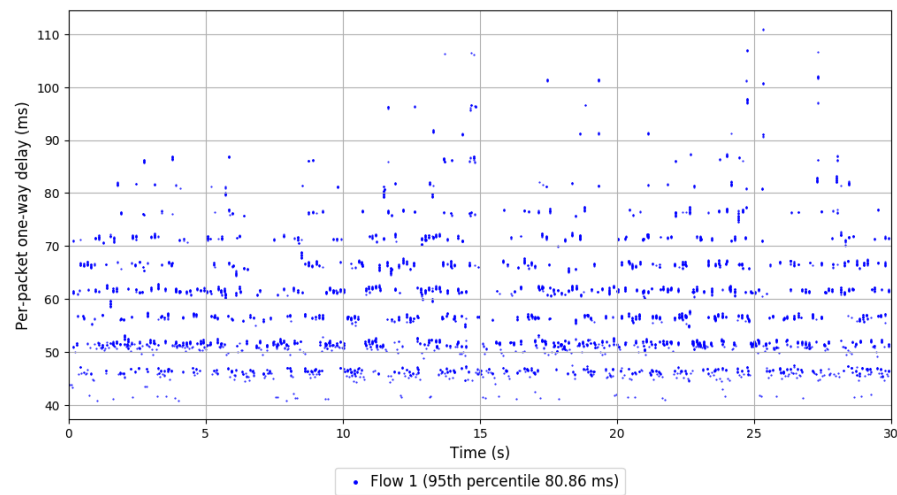
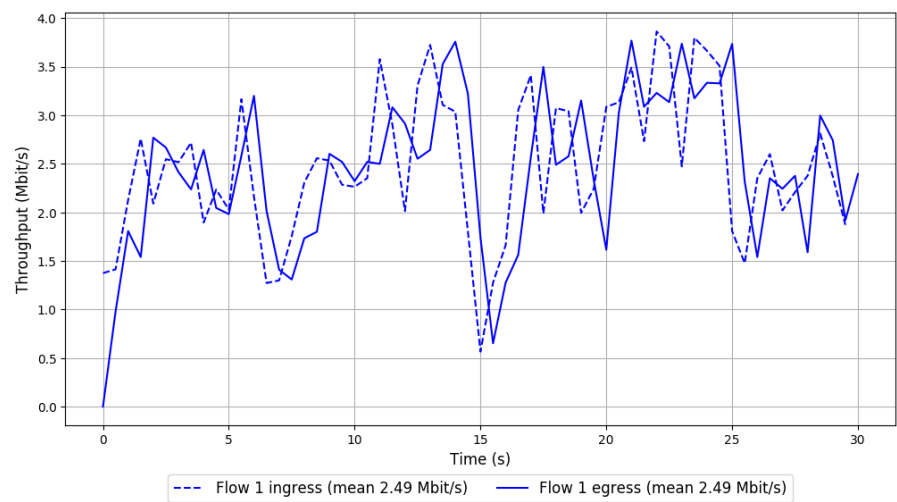


Run 1: Statistics of Sprout

Start at: 2018-05-23 23:56:26
End at: 2018-05-23 23:56:56
Local clock offset: 4.113 ms
Remote clock offset: -9.315 ms

Below is generated by plot.py at 2018-05-24 02:47:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 80.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 80.858 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

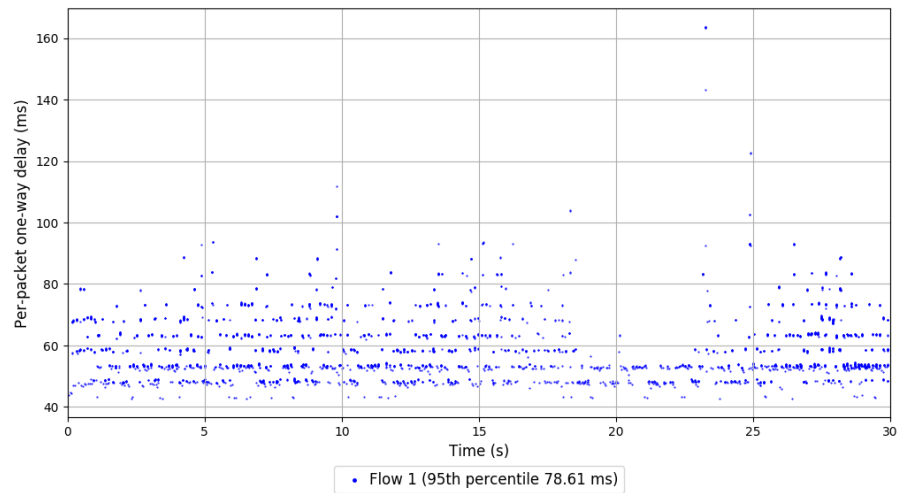
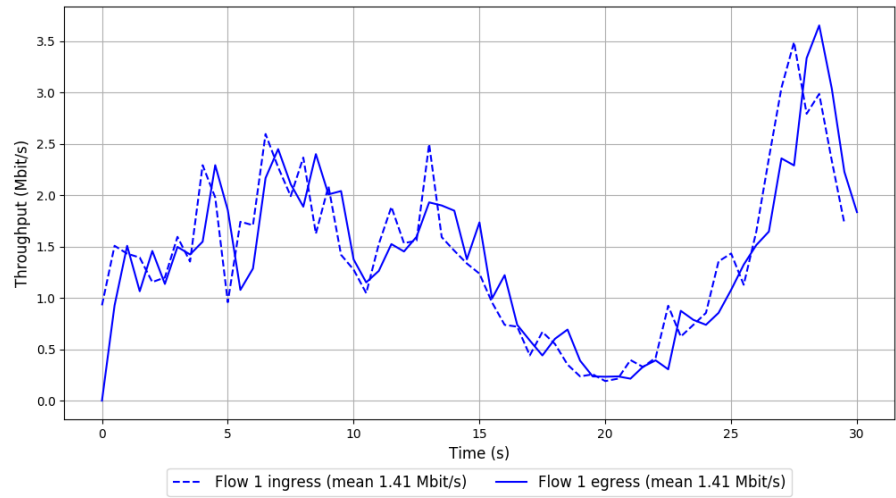


Run 2: Statistics of Sprout

Start at: 2018-05-24 00:13:50
End at: 2018-05-24 00:14:20
Local clock offset: 3.161 ms
Remote clock offset: -5.661 ms

Below is generated by plot.py at 2018-05-24 02:47:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 78.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 78.606 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

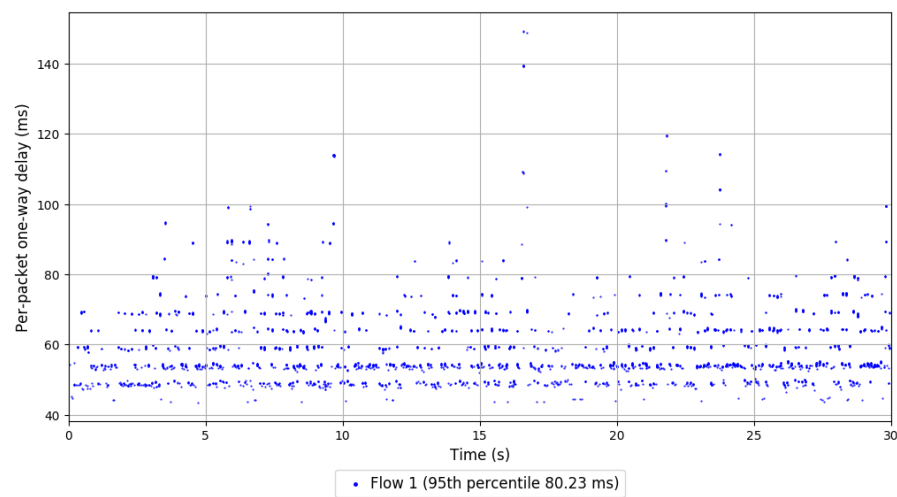
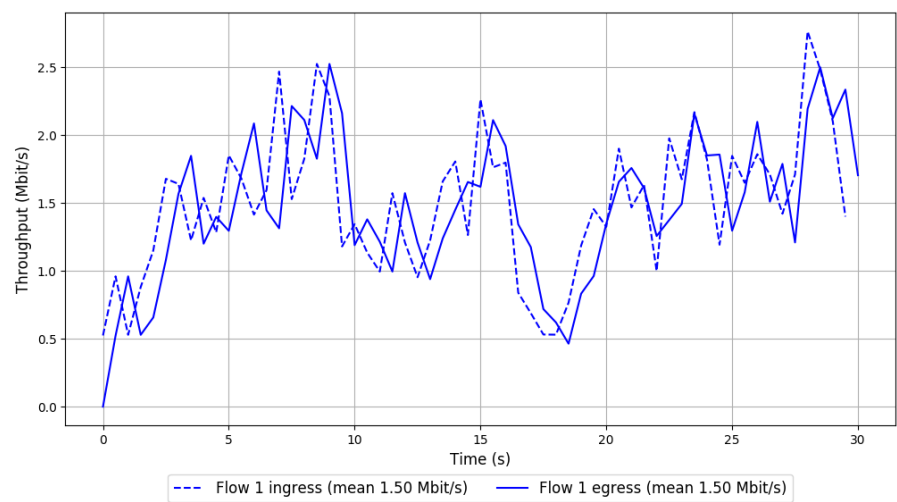


Run 3: Statistics of Sprout

Start at: 2018-05-24 00:31:10
End at: 2018-05-24 00:31:40
Local clock offset: 2.807 ms
Remote clock offset: -5.431 ms

Below is generated by plot.py at 2018-05-24 02:47:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 80.227 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 80.227 ms
Loss rate: 0.10%

Run 3: Report of Sprout — Data Link

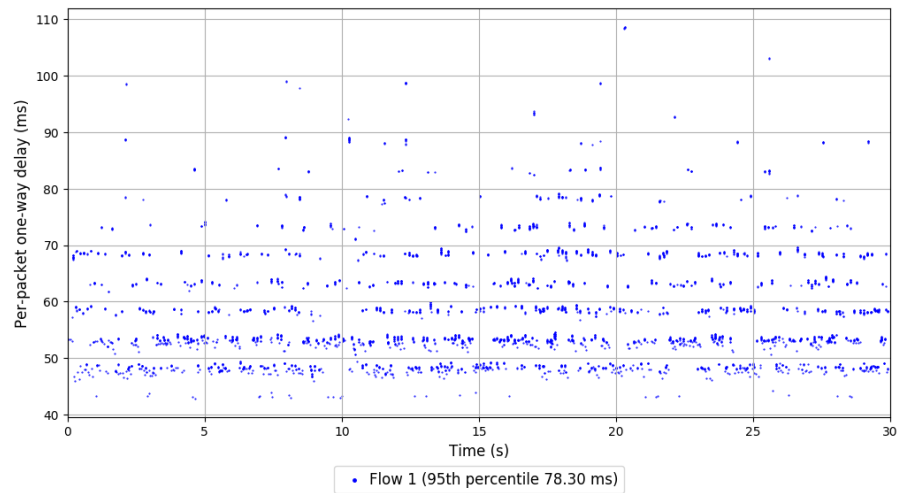
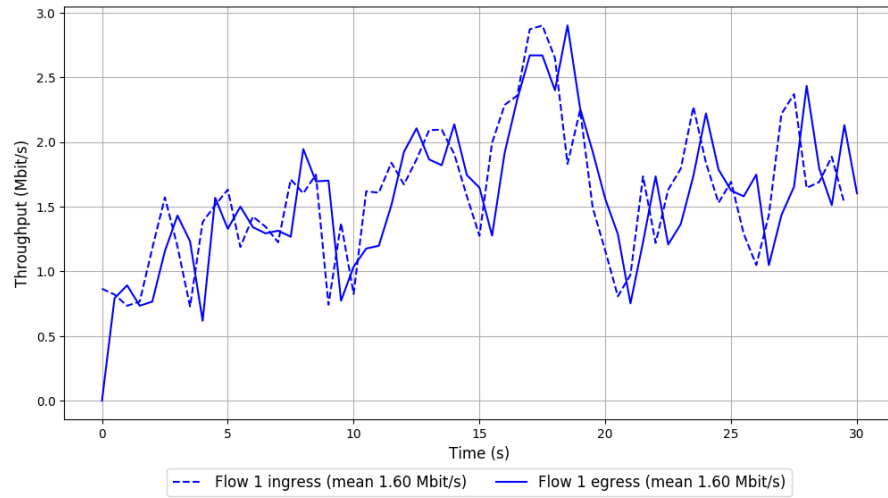


Run 4: Statistics of Sprout

Start at: 2018-05-24 00:48:30
End at: 2018-05-24 00:49:00
Local clock offset: 2.835 ms
Remote clock offset: -1.434 ms

Below is generated by plot.py at 2018-05-24 02:47:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 78.297 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 78.297 ms
Loss rate: 0.22%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-05-24 01:05:49

End at: 2018-05-24 01:06:19

Local clock offset: 3.282 ms

Remote clock offset: 2.427 ms

Below is generated by plot.py at 2018-05-24 02:47:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 79.289 ms

Loss rate: 0.00%

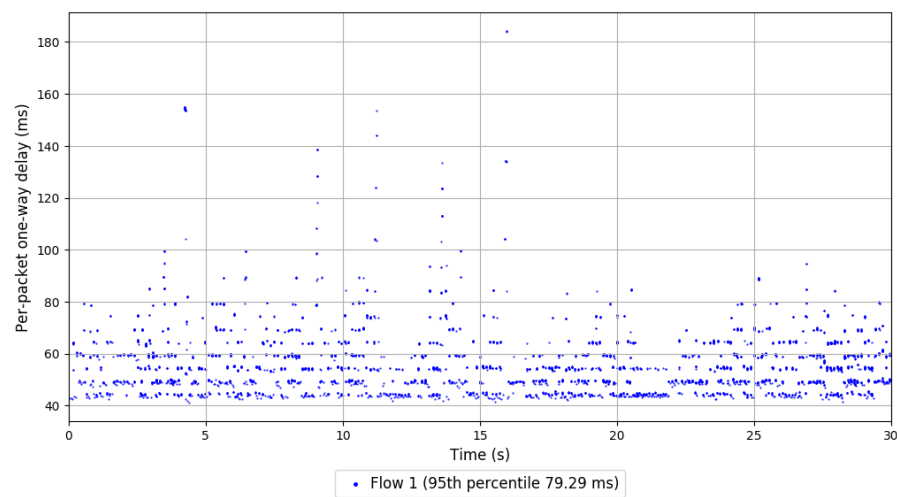
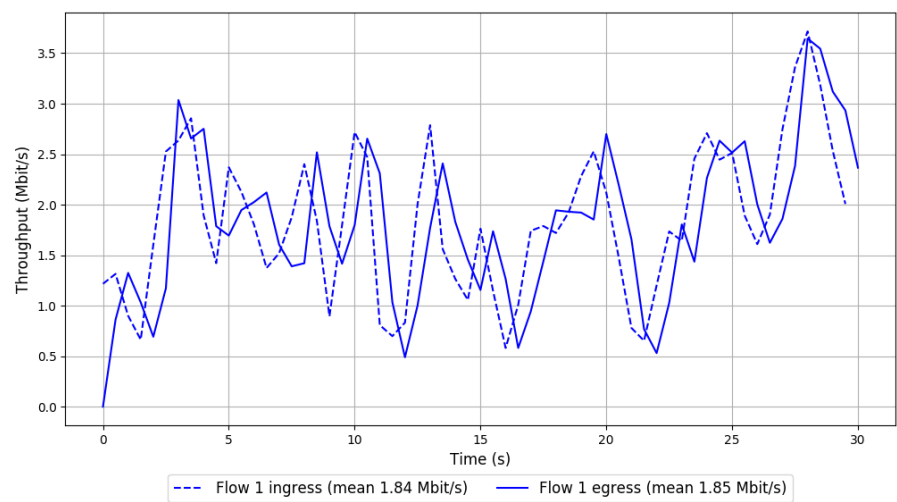
-- Flow 1:

Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 79.289 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

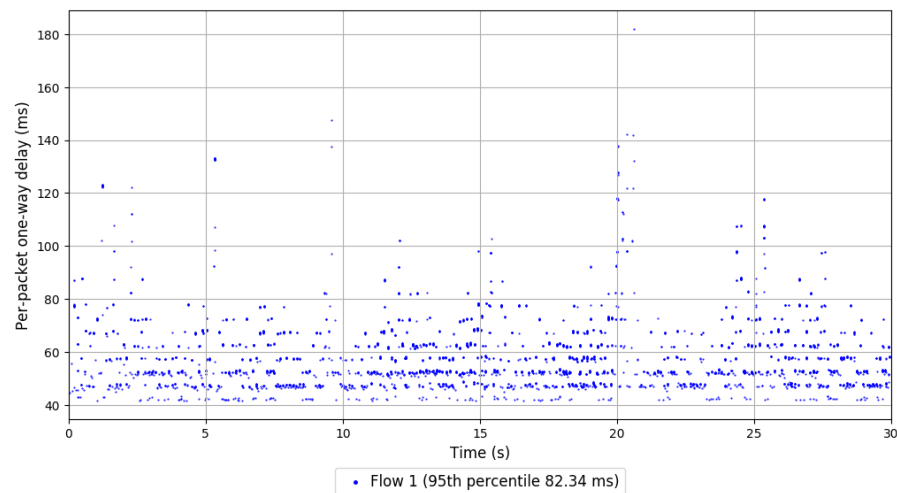
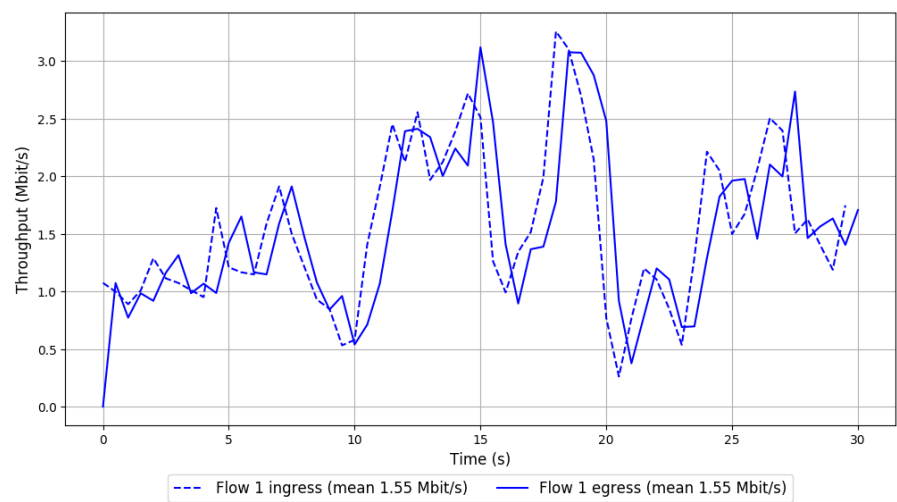


Run 6: Statistics of Sprout

Start at: 2018-05-24 01:23:16
End at: 2018-05-24 01:23:46
Local clock offset: 2.322 ms
Remote clock offset: -2.112 ms

Below is generated by plot.py at 2018-05-24 02:47:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 82.341 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 82.341 ms
Loss rate: 0.05%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-05-24 01:40:37

End at: 2018-05-24 01:41:07

Local clock offset: 0.929 ms

Remote clock offset: -3.95 ms

Below is generated by plot.py at 2018-05-24 02:47:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 83.309 ms

Loss rate: 0.00%

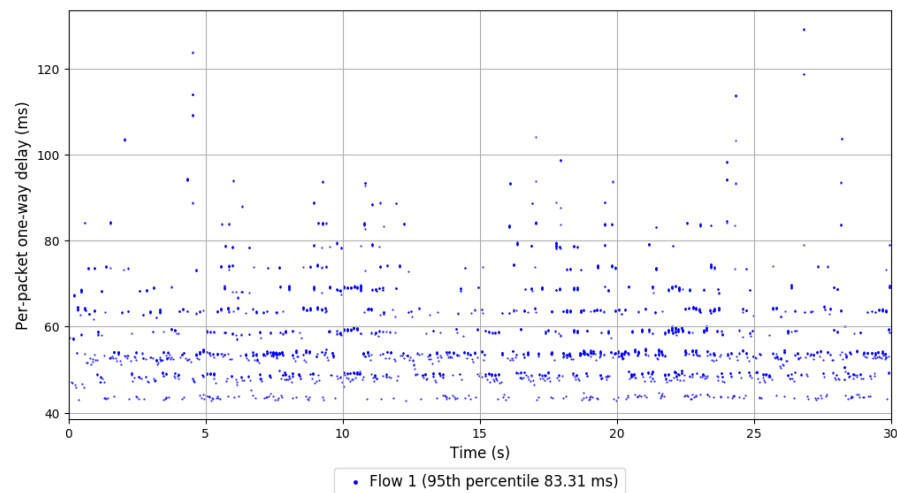
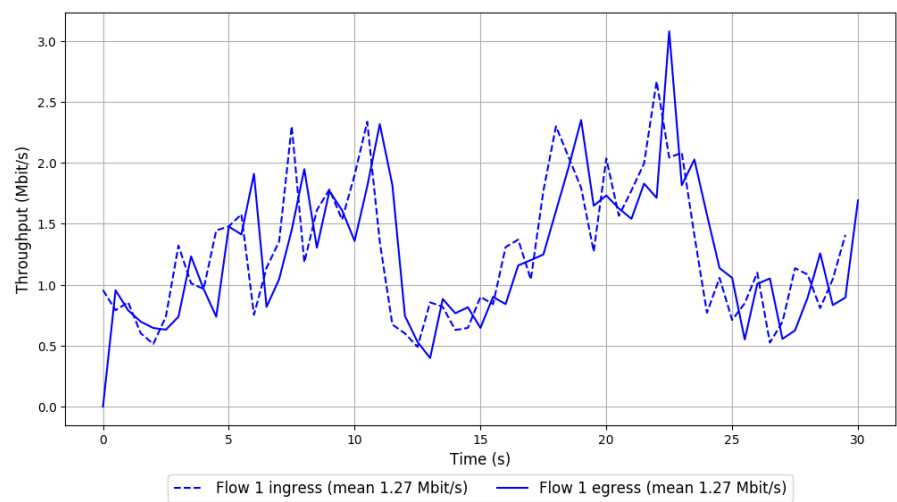
-- Flow 1:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 83.309 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-05-24 01:57:58

End at: 2018-05-24 01:58:28

Local clock offset: 2.488 ms

Remote clock offset: 0.471 ms

Below is generated by plot.py at 2018-05-24 02:47:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 79.646 ms

Loss rate: 0.00%

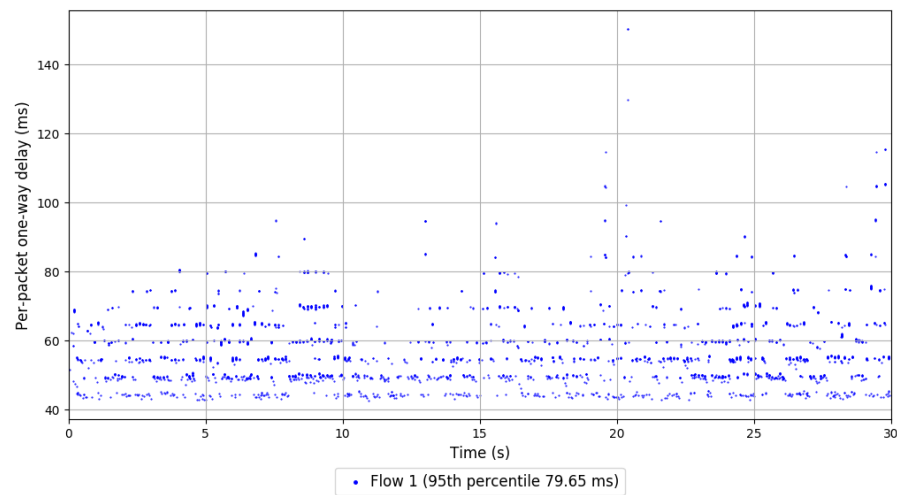
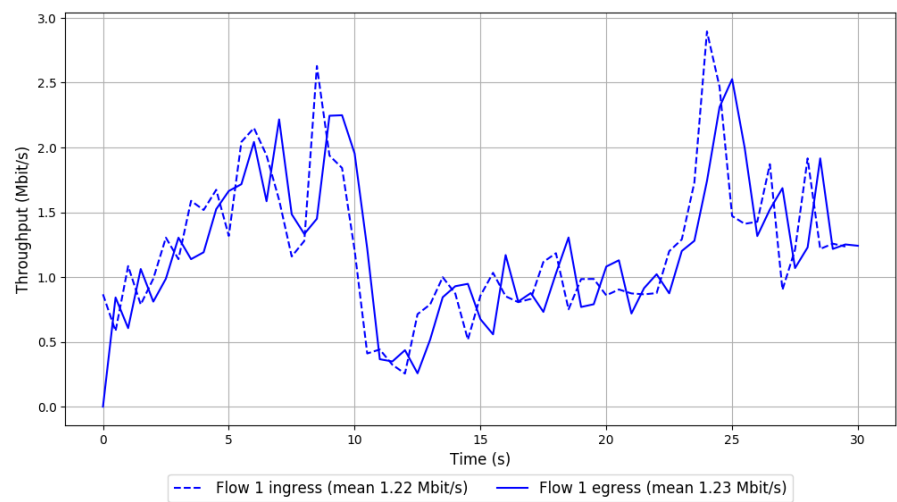
-- Flow 1:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 79.646 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-05-24 02:15:20

End at: 2018-05-24 02:15:50

Local clock offset: 0.471 ms

Remote clock offset: 4.061 ms

Below is generated by plot.py at 2018-05-24 02:47:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.52 Mbit/s

95th percentile per-packet one-way delay: 83.205 ms

Loss rate: 0.32%

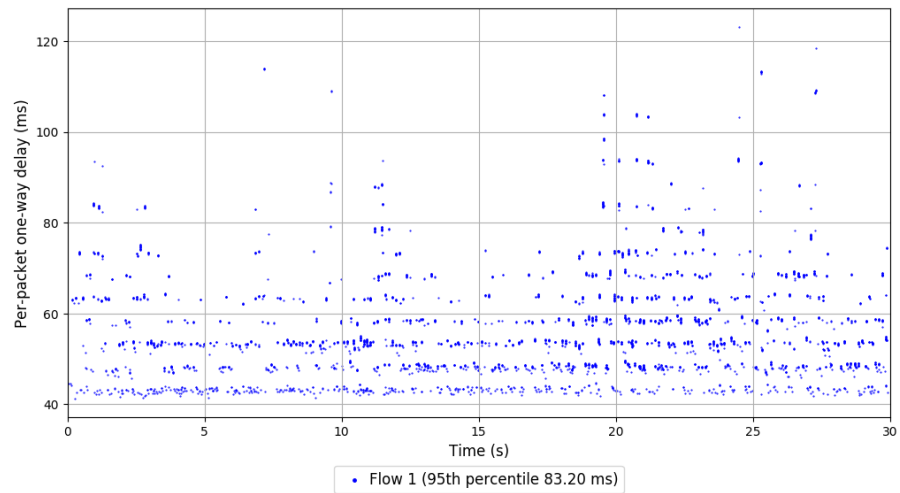
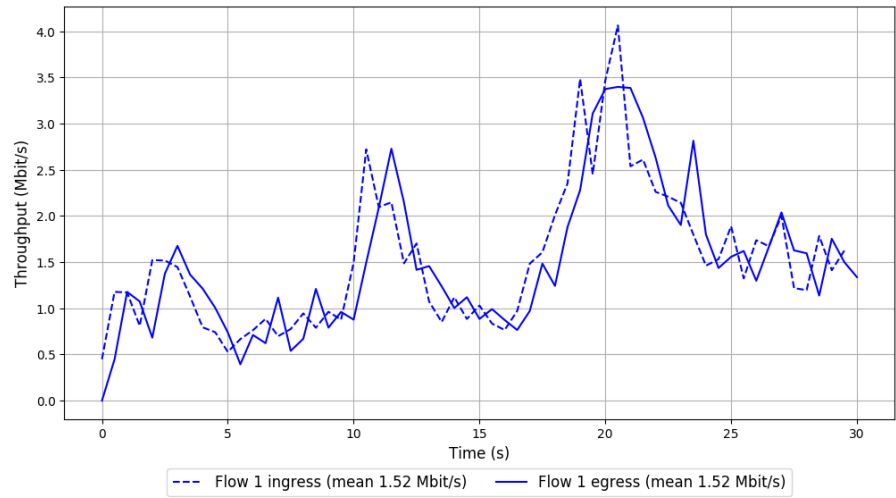
-- Flow 1:

Average throughput: 1.52 Mbit/s

95th percentile per-packet one-way delay: 83.205 ms

Loss rate: 0.32%

Run 9: Report of Sprout — Data Link

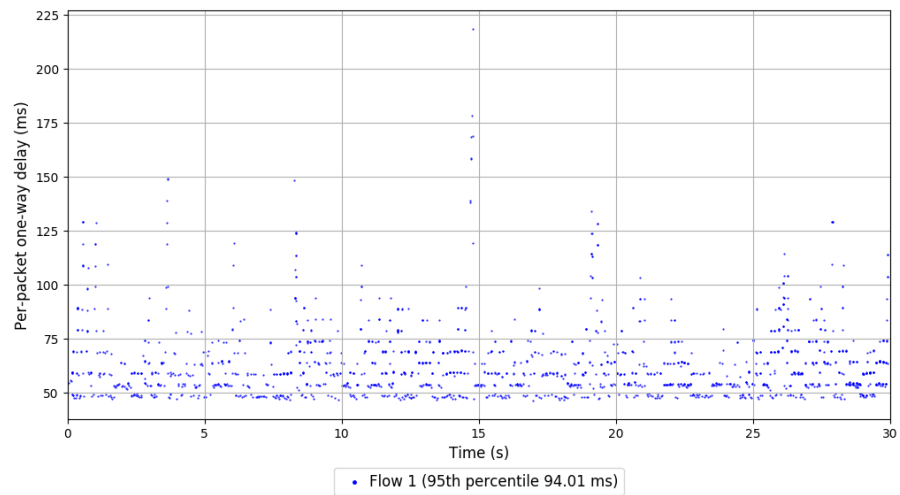
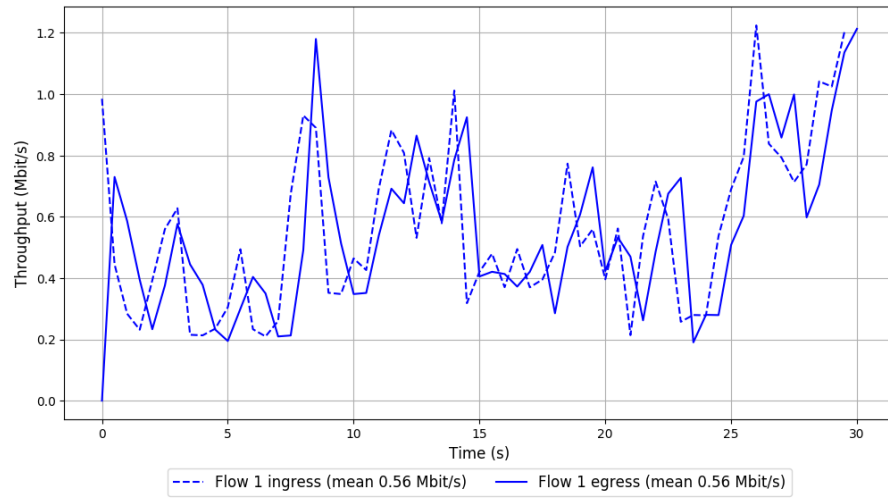


Run 10: Statistics of Sprout

Start at: 2018-05-24 02:32:38
End at: 2018-05-24 02:33:08
Local clock offset: -0.547 ms
Remote clock offset: 10.804 ms

Below is generated by plot.py at 2018-05-24 02:47:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 94.013 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 94.013 ms
Loss rate: 0.46%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-05-24 00:01:50

End at: 2018-05-24 00:02:20

Local clock offset: 3.896 ms

Remote clock offset: -9.55 ms

Below is generated by plot.py at 2018-05-24 02:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.96 Mbit/s

95th percentile per-packet one-way delay: 63.669 ms

Loss rate: 0.13%

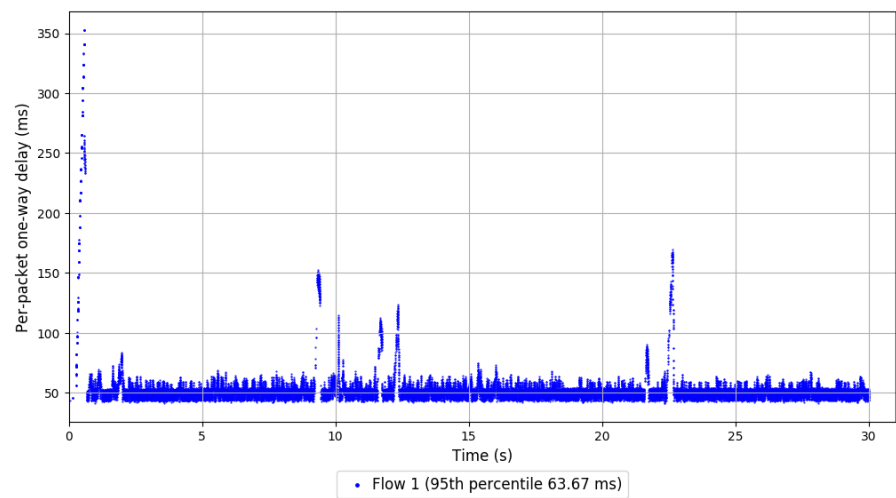
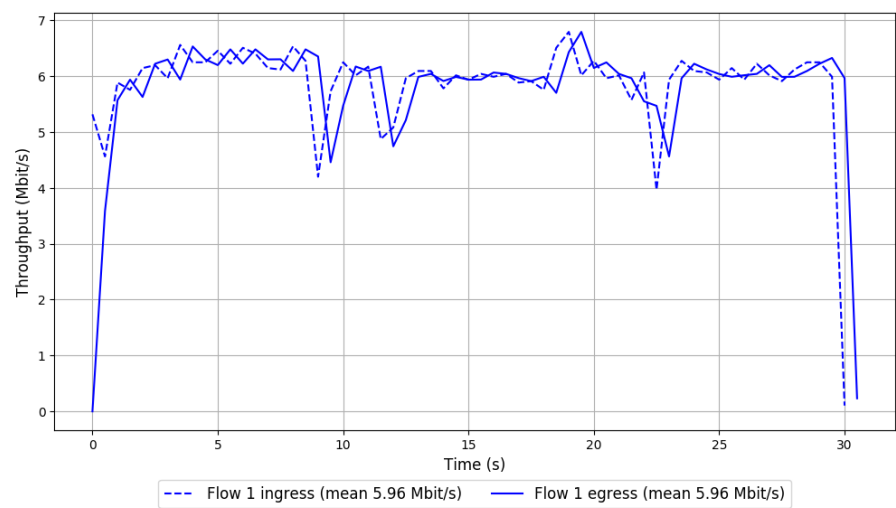
-- Flow 1:

Average throughput: 5.96 Mbit/s

95th percentile per-packet one-way delay: 63.669 ms

Loss rate: 0.13%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-05-24 00:19:14

End at: 2018-05-24 00:19:44

Local clock offset: 1.887 ms

Remote clock offset: -5.622 ms

Below is generated by plot.py at 2018-05-24 02:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.99 Mbit/s

95th percentile per-packet one-way delay: 62.648 ms

Loss rate: 0.13%

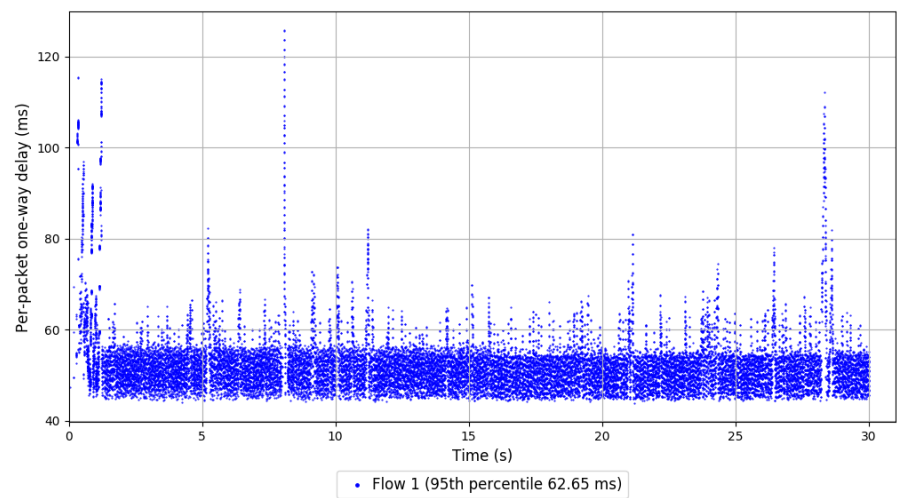
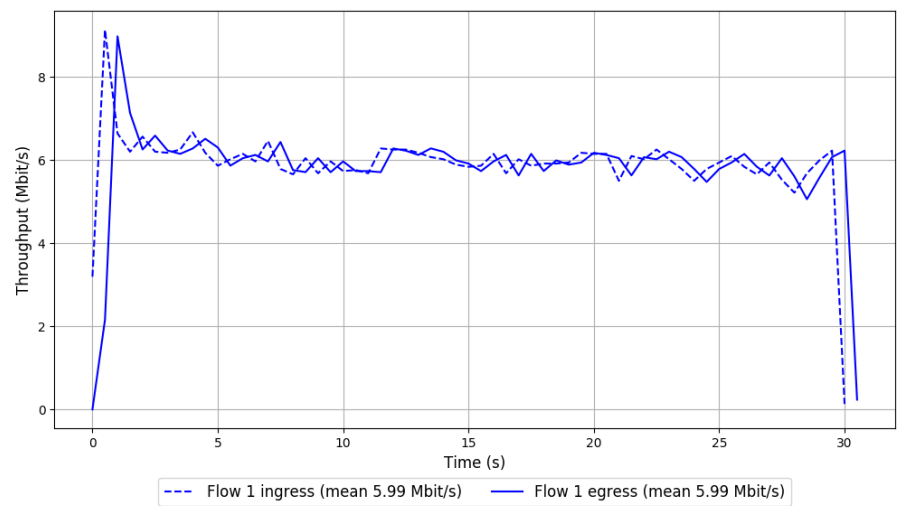
-- Flow 1:

Average throughput: 5.99 Mbit/s

95th percentile per-packet one-way delay: 62.648 ms

Loss rate: 0.13%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-05-24 00:36:33

End at: 2018-05-24 00:37:03

Local clock offset: 3.469 ms

Remote clock offset: -6.893 ms

Below is generated by plot.py at 2018-05-24 02:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 76.024 ms

Loss rate: 0.18%

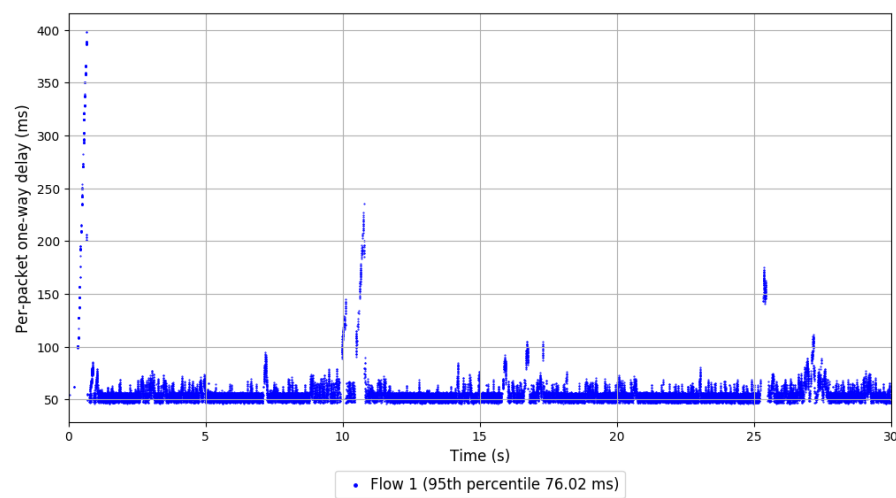
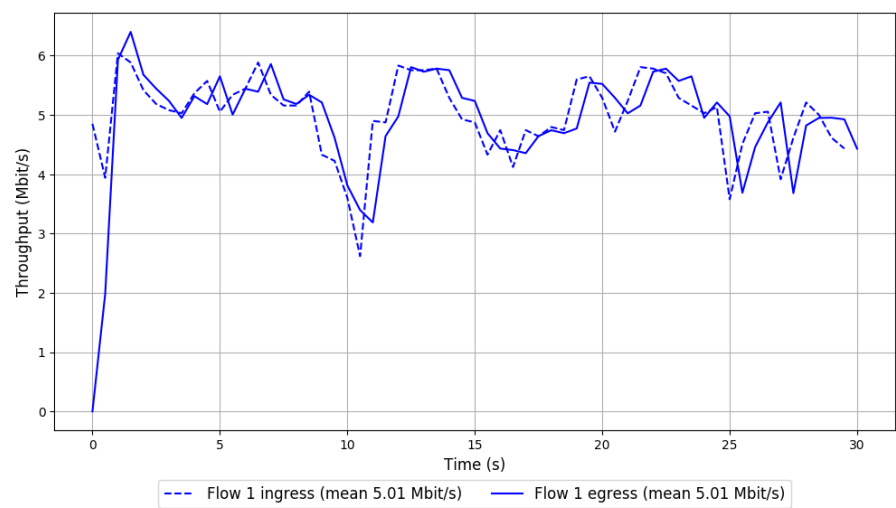
-- Flow 1:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 76.024 ms

Loss rate: 0.18%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-05-24 00:53:54

End at: 2018-05-24 00:54:24

Local clock offset: 3.392 ms

Remote clock offset: 0.671 ms

Below is generated by plot.py at 2018-05-24 02:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.48 Mbit/s

95th percentile per-packet one-way delay: 66.848 ms

Loss rate: 0.12%

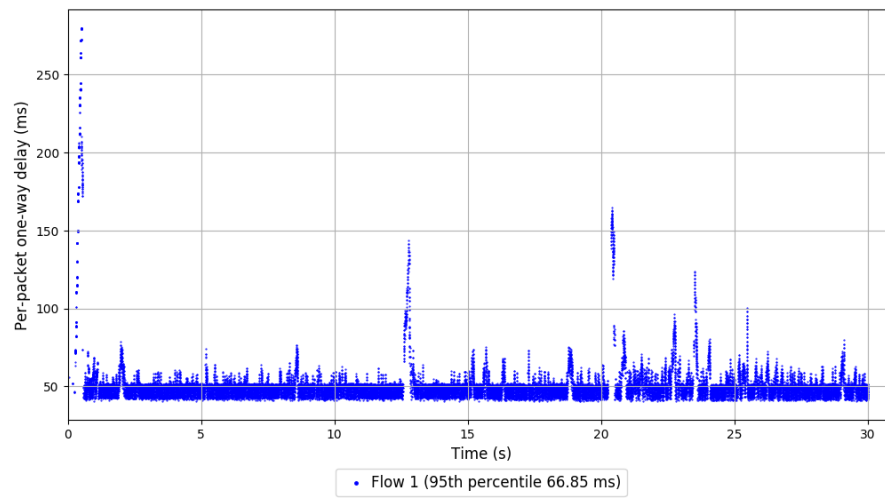
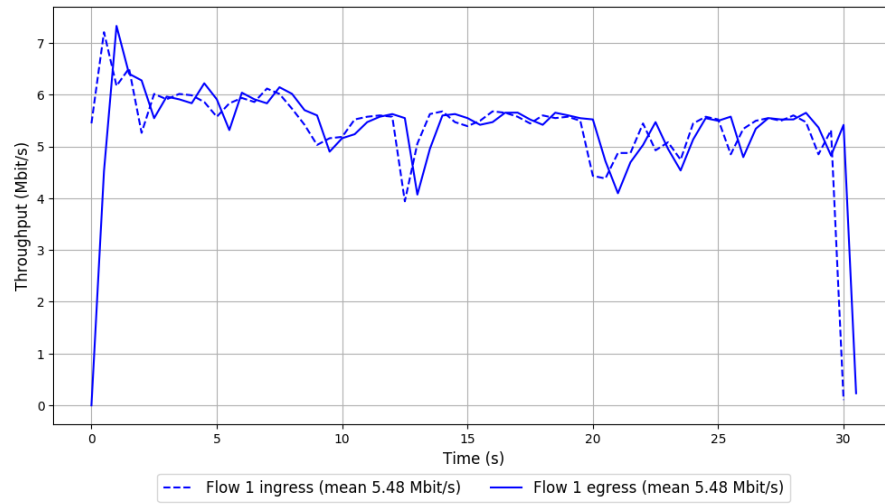
-- Flow 1:

Average throughput: 5.48 Mbit/s

95th percentile per-packet one-way delay: 66.848 ms

Loss rate: 0.12%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-05-24 01:11:13

End at: 2018-05-24 01:11:43

Local clock offset: 0.708 ms

Remote clock offset: 4.118 ms

Below is generated by plot.py at 2018-05-24 02:47:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.80 Mbit/s

95th percentile per-packet one-way delay: 68.801 ms

Loss rate: 0.11%

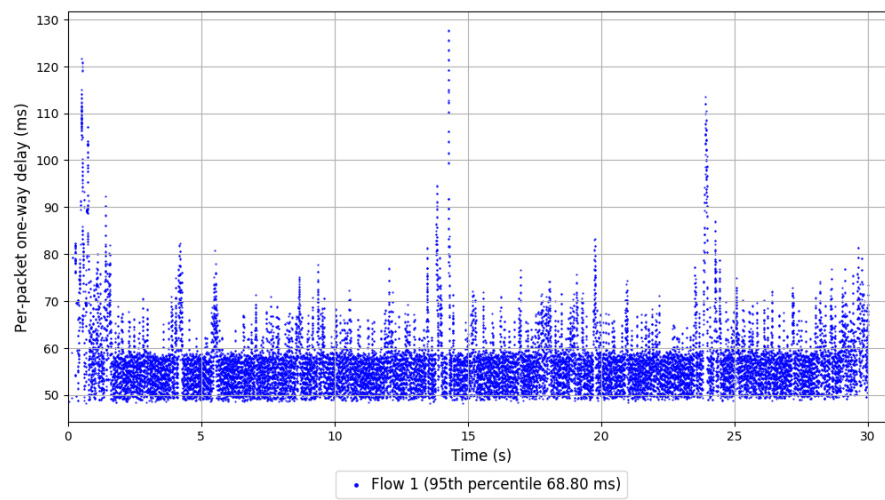
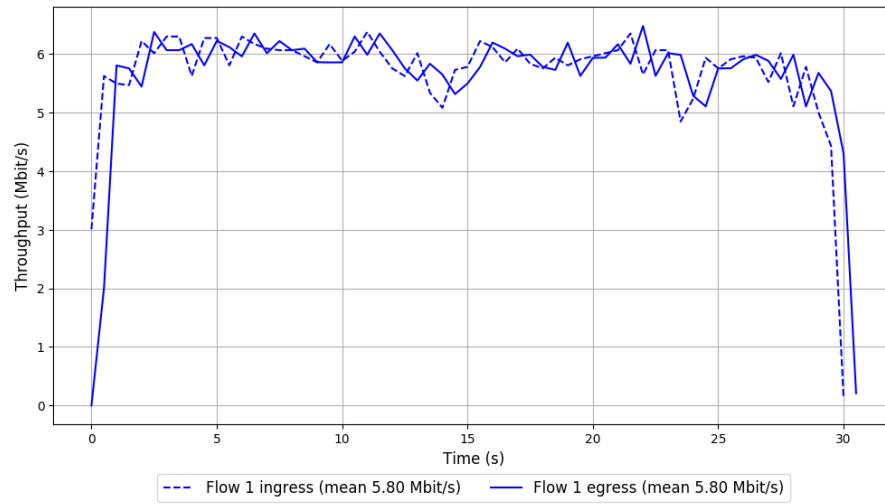
-- Flow 1:

Average throughput: 5.80 Mbit/s

95th percentile per-packet one-way delay: 68.801 ms

Loss rate: 0.11%

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

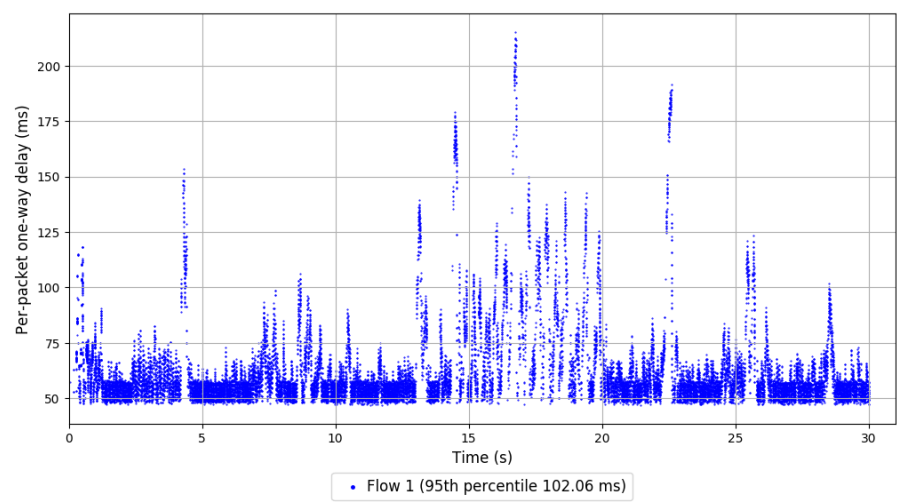
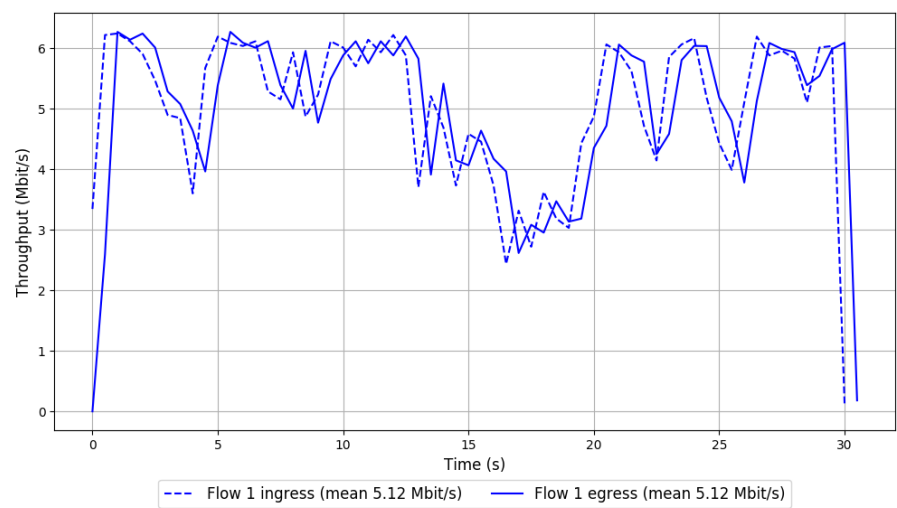


Run 6: Statistics of TaoVA-100x

Start at: 2018-05-24 01:28:40
End at: 2018-05-24 01:29:10
Local clock offset: -0.003 ms
Remote clock offset: -5.058 ms

Below is generated by plot.py at 2018-05-24 02:47:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 102.061 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 102.061 ms
Loss rate: 0.18%

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

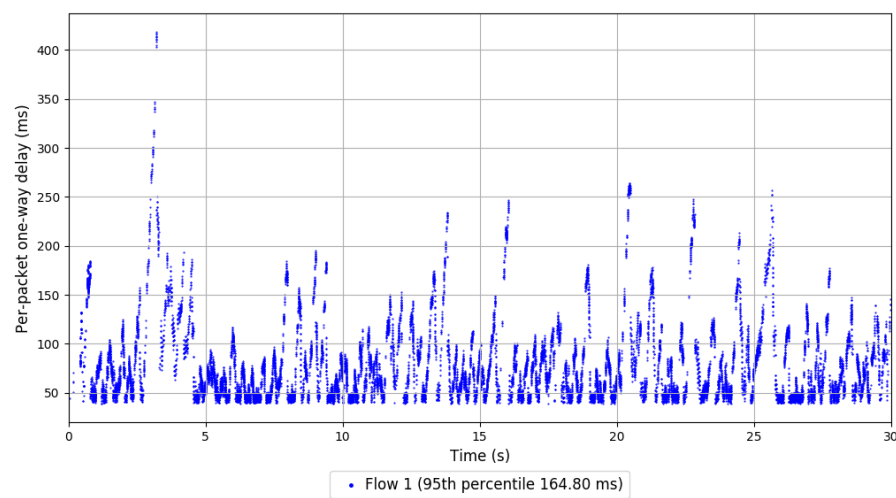
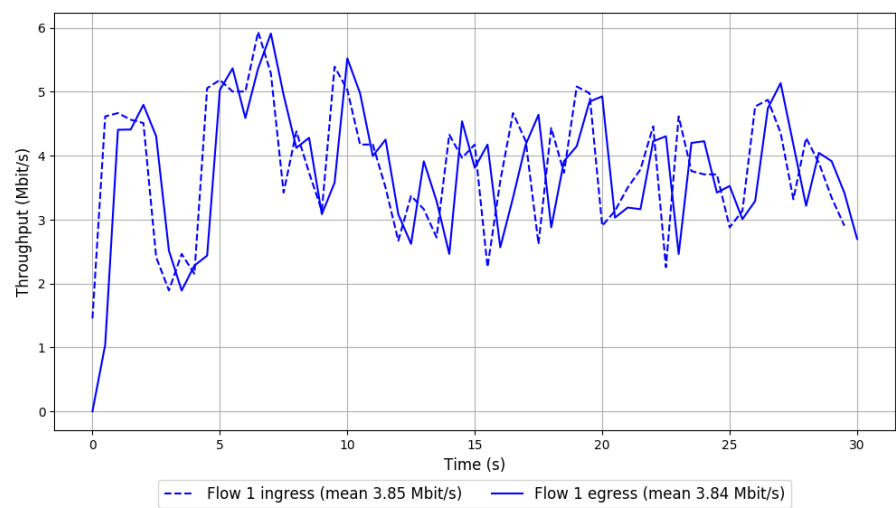


Run 7: Statistics of TaoVA-100x

Start at: 2018-05-24 01:46:05
End at: 2018-05-24 01:46:35
Local clock offset: 3.891 ms
Remote clock offset: -3.833 ms

Below is generated by plot.py at 2018-05-24 02:47:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 164.798 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 164.798 ms
Loss rate: 0.38%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-05-24 02:03:21

End at: 2018-05-24 02:03:51

Local clock offset: 0.253 ms

Remote clock offset: 4.229 ms

Below is generated by plot.py at 2018-05-24 02:47:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.40 Mbit/s

95th percentile per-packet one-way delay: 92.732 ms

Loss rate: 0.22%

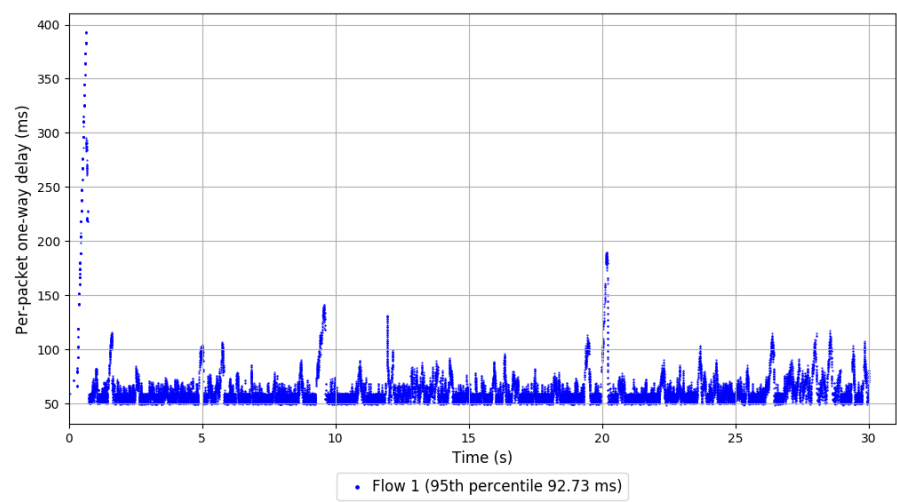
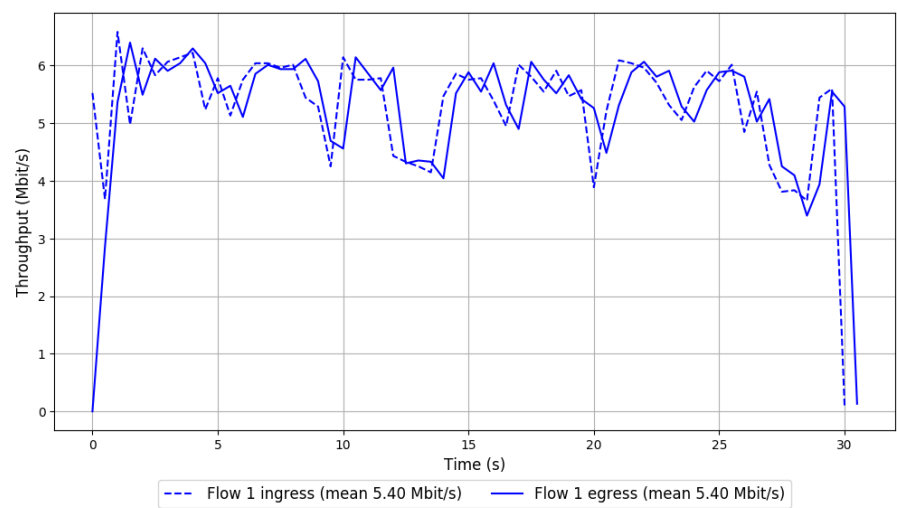
-- Flow 1:

Average throughput: 5.40 Mbit/s

95th percentile per-packet one-way delay: 92.732 ms

Loss rate: 0.22%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-05-24 02:20:43

End at: 2018-05-24 02:21:13

Local clock offset: 2.191 ms

Remote clock offset: 6.675 ms

Below is generated by plot.py at 2018-05-24 02:47:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 131.616 ms

Loss rate: 0.10%

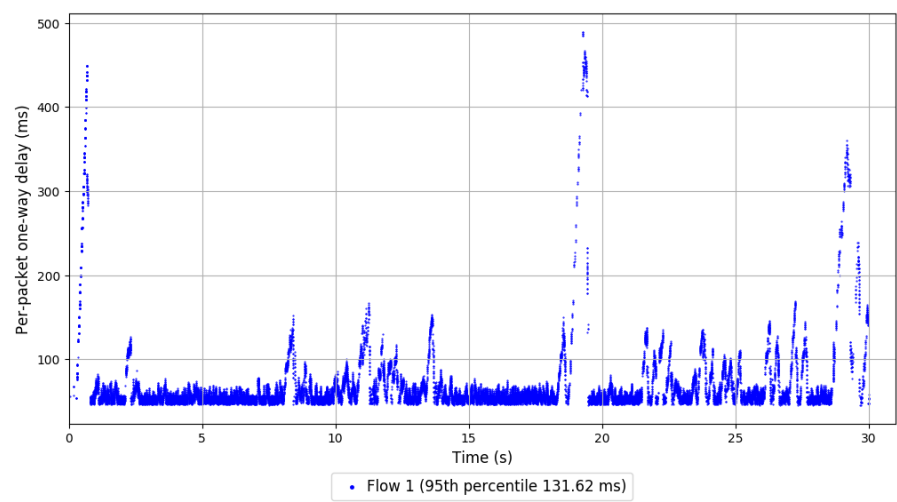
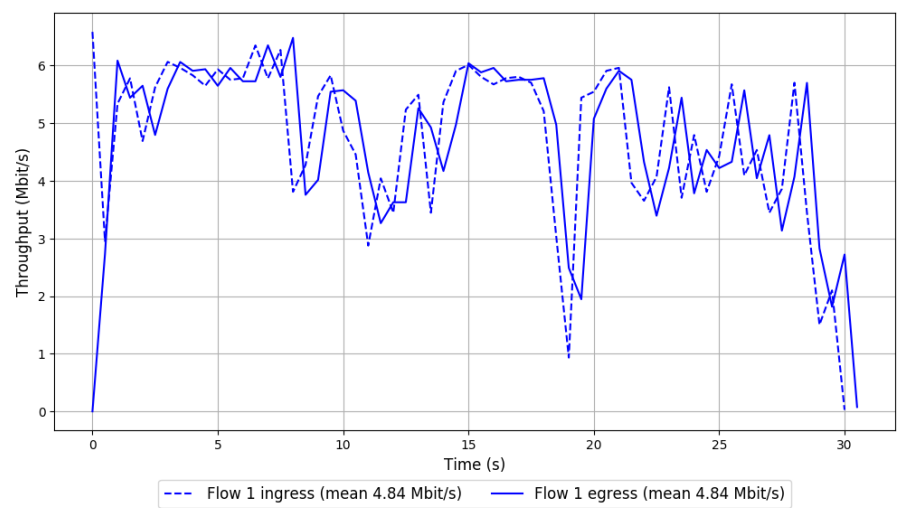
-- Flow 1:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 131.616 ms

Loss rate: 0.10%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-05-24 02:38:02

End at: 2018-05-24 02:38:32

Local clock offset: -2.581 ms

Remote clock offset: 13.246 ms

Below is generated by plot.py at 2018-05-24 02:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 134.331 ms

Loss rate: 0.15%

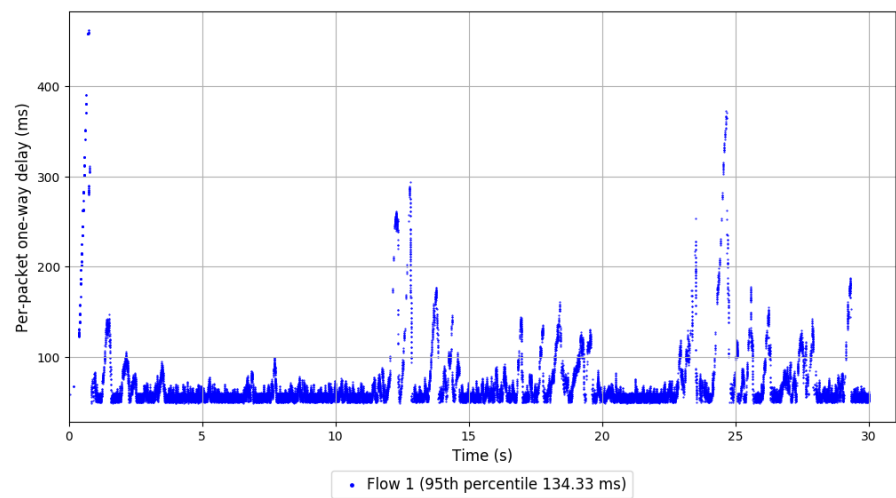
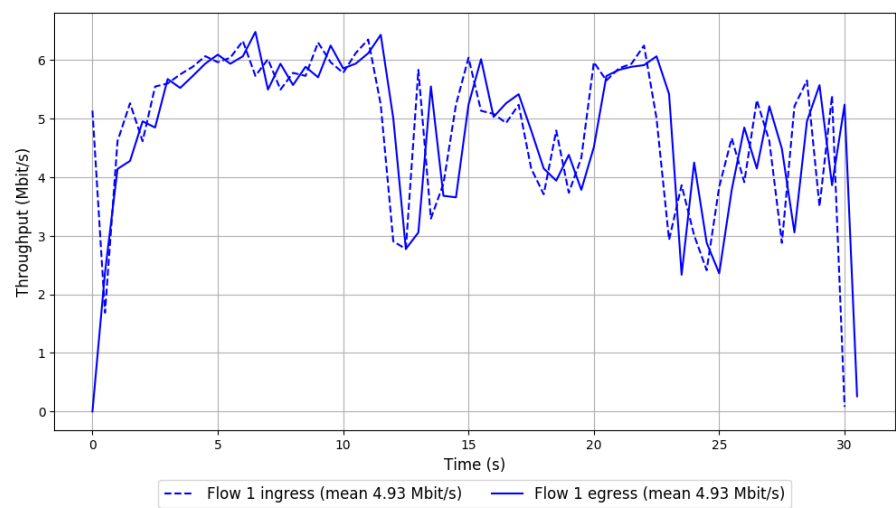
-- Flow 1:

Average throughput: 4.93 Mbit/s

95th percentile per-packet one-way delay: 134.331 ms

Loss rate: 0.15%

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

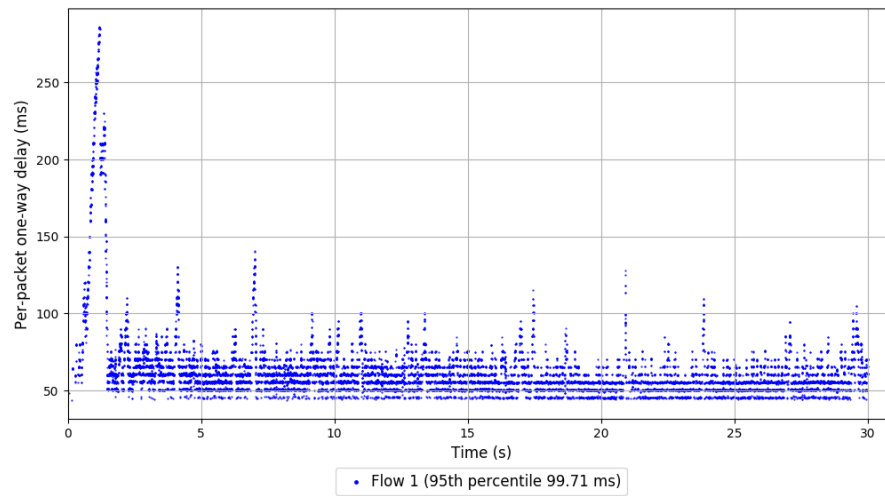
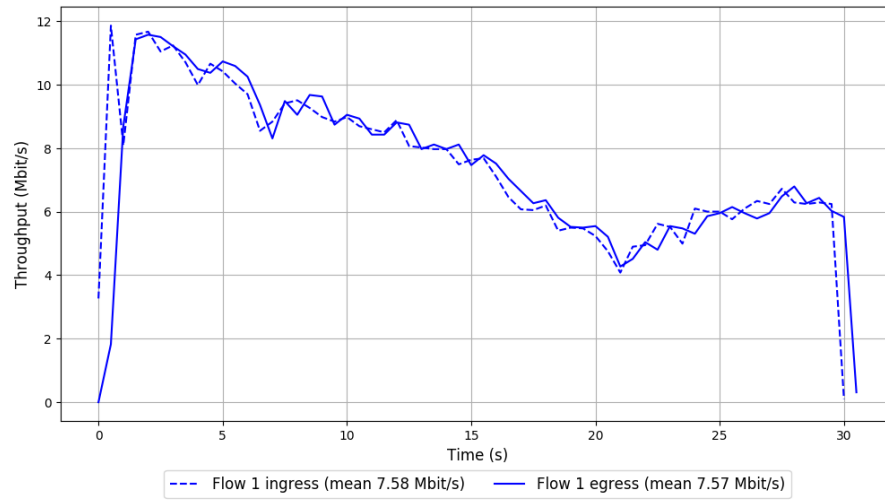


Run 1: Statistics of TCP Vegas

Start at: 2018-05-24 00:04:01
End at: 2018-05-24 00:04:31
Local clock offset: 2.706 ms
Remote clock offset: -7.965 ms

Below is generated by plot.py at 2018-05-24 02:47:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 99.710 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 99.710 ms
Loss rate: 0.22%

Run 1: Report of TCP Vegas — Data Link

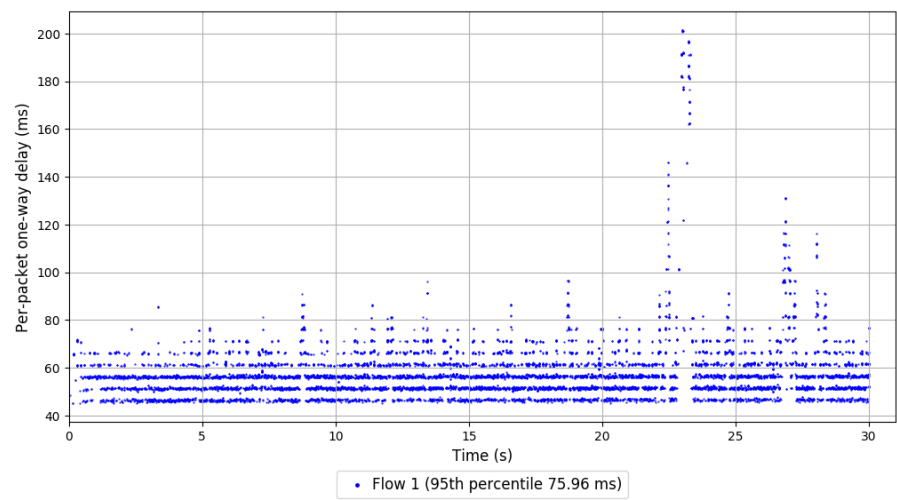
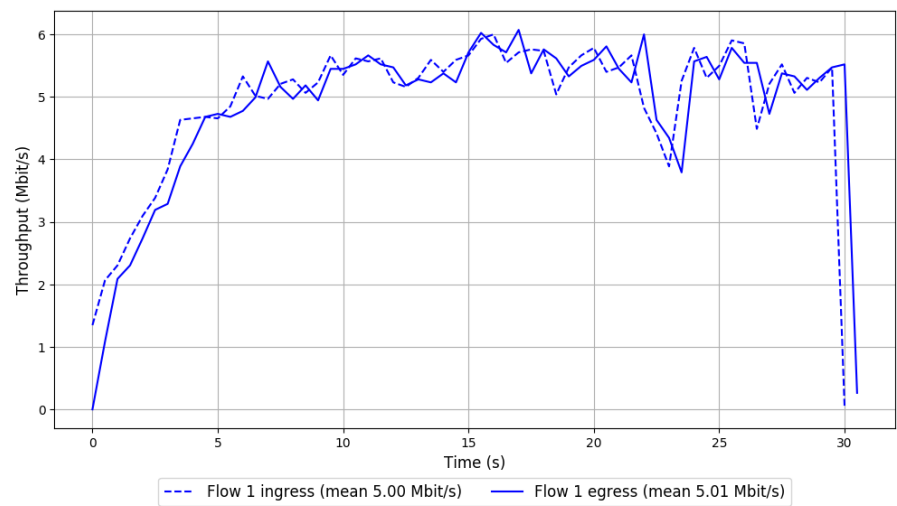


Run 2: Statistics of TCP Vegas

Start at: 2018-05-24 00:21:26
End at: 2018-05-24 00:21:56
Local clock offset: 2.983 ms
Remote clock offset: -5.321 ms

Below is generated by plot.py at 2018-05-24 02:47:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 75.957 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 75.957 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

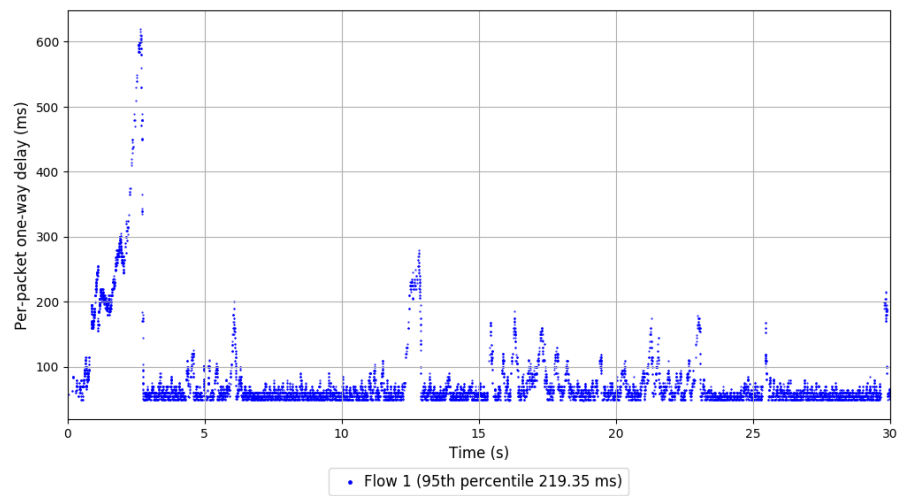
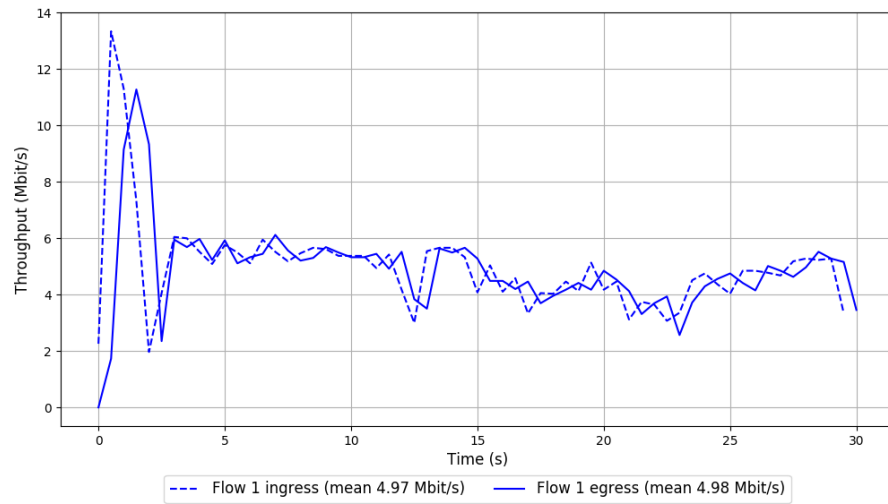


Run 3: Statistics of TCP Vegas

Start at: 2018-05-24 00:38:44
End at: 2018-05-24 00:39:14
Local clock offset: 2.77 ms
Remote clock offset: -5.961 ms

Below is generated by plot.py at 2018-05-24 02:47:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 219.354 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 219.354 ms
Loss rate: 0.17%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-05-24 00:56:04

End at: 2018-05-24 00:56:34

Local clock offset: 0.43 ms

Remote clock offset: 0.294 ms

Below is generated by plot.py at 2018-05-24 02:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.27 Mbit/s

95th percentile per-packet one-way delay: 65.443 ms

Loss rate: 0.15%

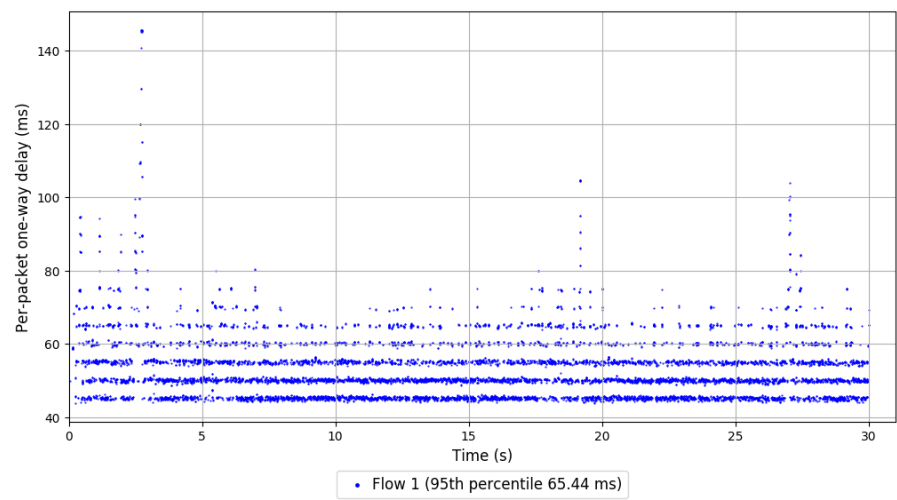
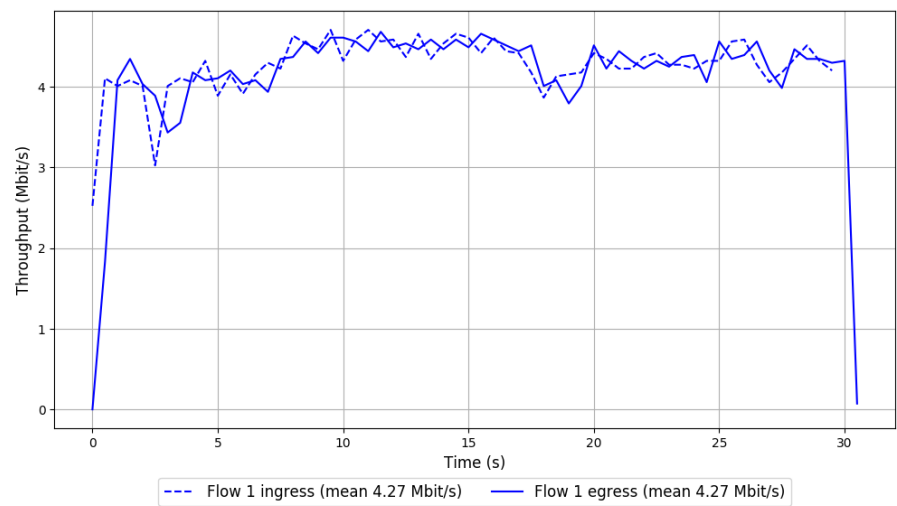
-- Flow 1:

Average throughput: 4.27 Mbit/s

95th percentile per-packet one-way delay: 65.443 ms

Loss rate: 0.15%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-05-24 01:13:24

End at: 2018-05-24 01:13:54

Local clock offset: -0.83 ms

Remote clock offset: 2.301 ms

Below is generated by plot.py at 2018-05-24 02:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.22 Mbit/s

95th percentile per-packet one-way delay: 162.642 ms

Loss rate: 0.19%

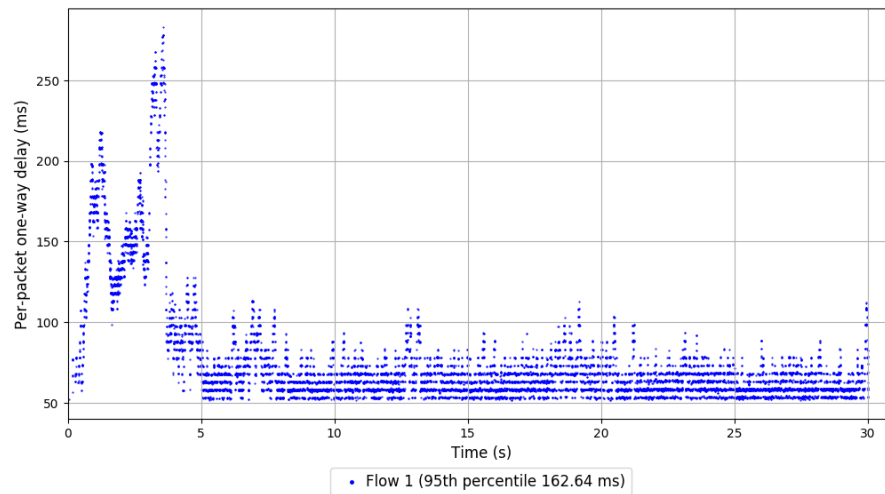
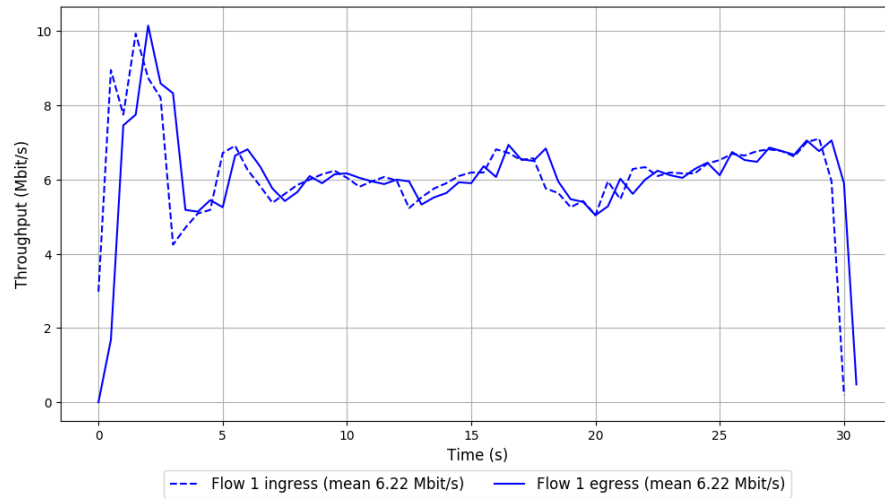
-- Flow 1:

Average throughput: 6.22 Mbit/s

95th percentile per-packet one-way delay: 162.642 ms

Loss rate: 0.19%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-05-24 01:30:51

End at: 2018-05-24 01:31:21

Local clock offset: 2.386 ms

Remote clock offset: -5.54 ms

Below is generated by plot.py at 2018-05-24 02:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 98.097 ms

Loss rate: 0.14%

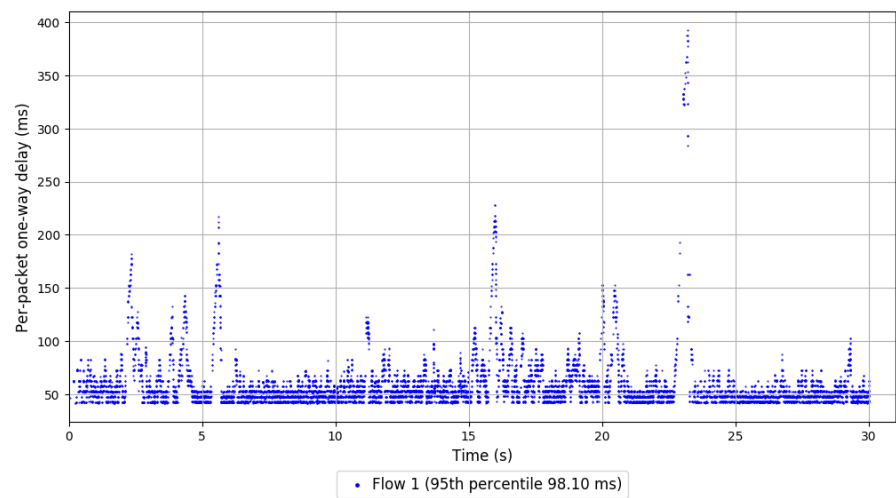
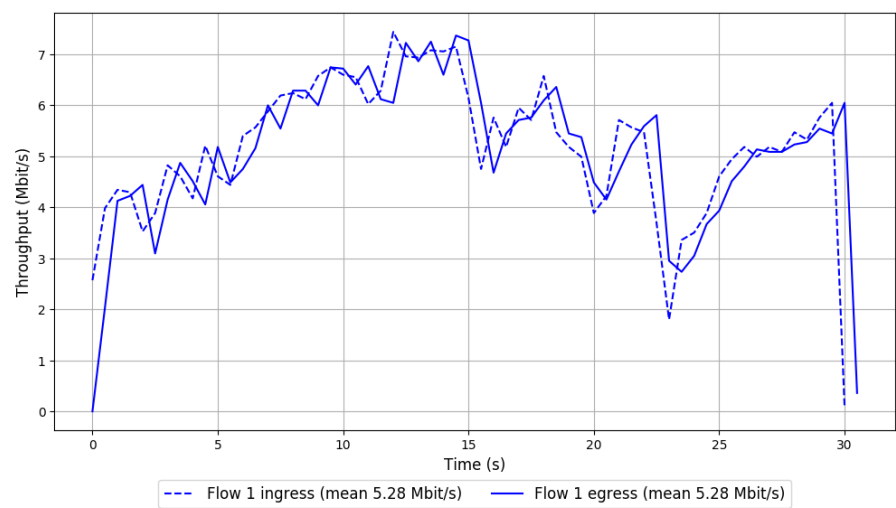
-- Flow 1:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 98.097 ms

Loss rate: 0.14%

Run 6: Report of TCP Vegas — Data Link

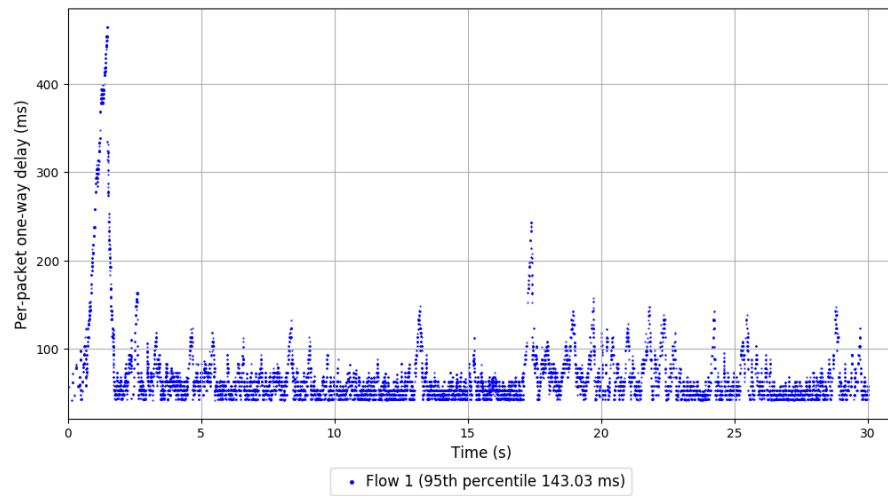
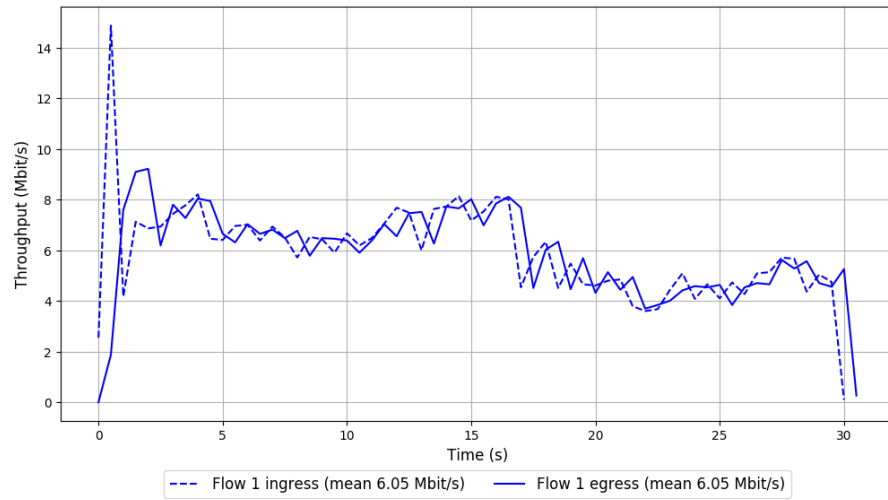


Run 7: Statistics of TCP Vegas

Start at: 2018-05-24 01:48:15
End at: 2018-05-24 01:48:45
Local clock offset: 2.233 ms
Remote clock offset: -2.834 ms

Below is generated by plot.py at 2018-05-24 02:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.05 Mbit/s
95th percentile per-packet one-way delay: 143.027 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 6.05 Mbit/s
95th percentile per-packet one-way delay: 143.027 ms
Loss rate: 0.09%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-05-24 02:05:31

End at: 2018-05-24 02:06:01

Local clock offset: 0.936 ms

Remote clock offset: 4.452 ms

Below is generated by plot.py at 2018-05-24 02:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.35 Mbit/s

95th percentile per-packet one-way delay: 157.530 ms

Loss rate: 0.15%

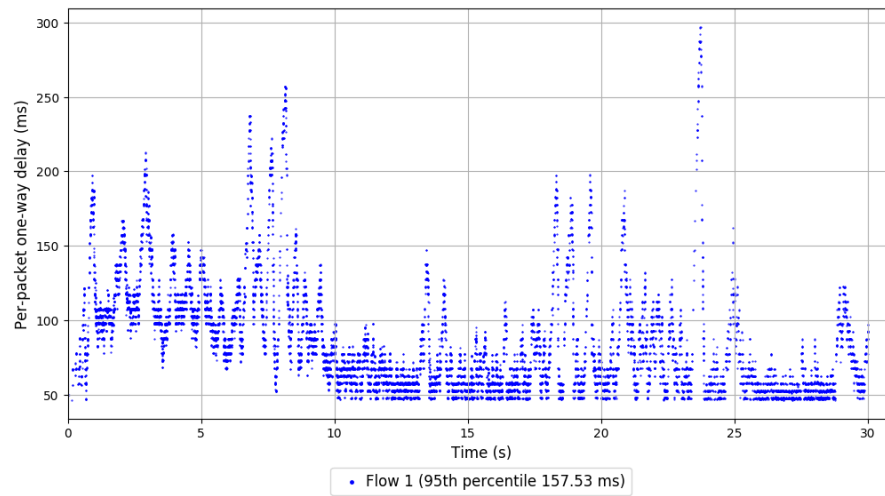
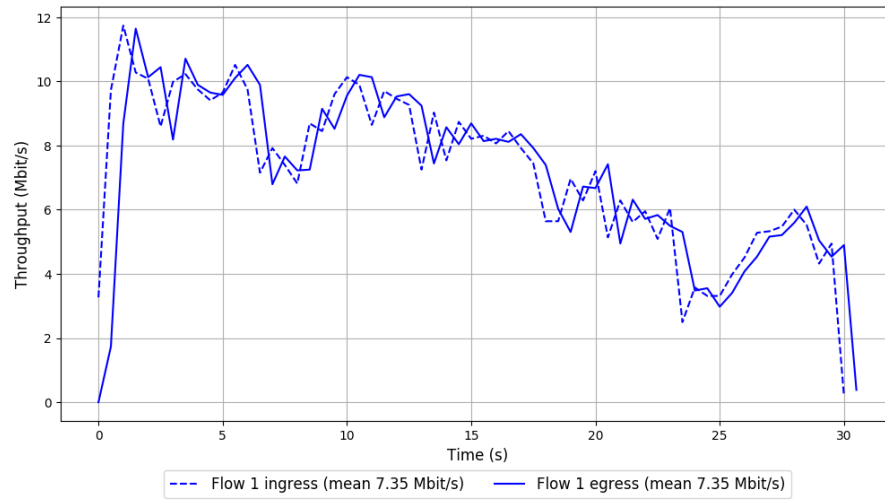
-- Flow 1:

Average throughput: 7.35 Mbit/s

95th percentile per-packet one-way delay: 157.530 ms

Loss rate: 0.15%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-05-24 02:22:53

End at: 2018-05-24 02:23:23

Local clock offset: 2.962 ms

Remote clock offset: 8.734 ms

Below is generated by plot.py at 2018-05-24 02:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 155.944 ms

Loss rate: 0.03%

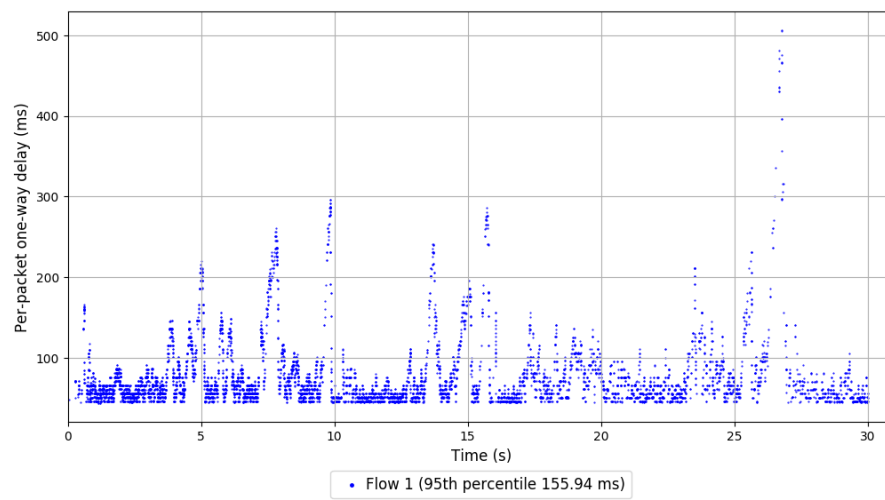
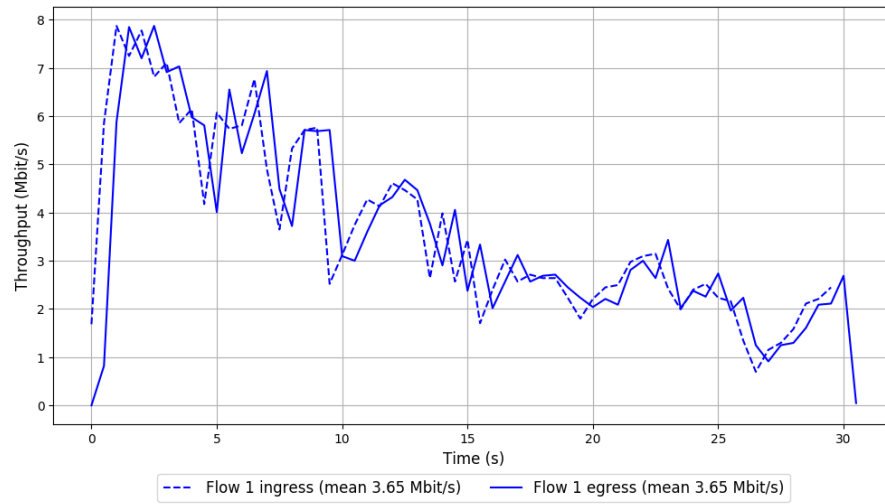
-- Flow 1:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 155.944 ms

Loss rate: 0.03%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-05-24 02:40:12

End at: 2018-05-24 02:40:42

Local clock offset: -5.468 ms

Remote clock offset: 6.67 ms

Below is generated by plot.py at 2018-05-24 02:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.81 Mbit/s

95th percentile per-packet one-way delay: 150.107 ms

Loss rate: 0.16%

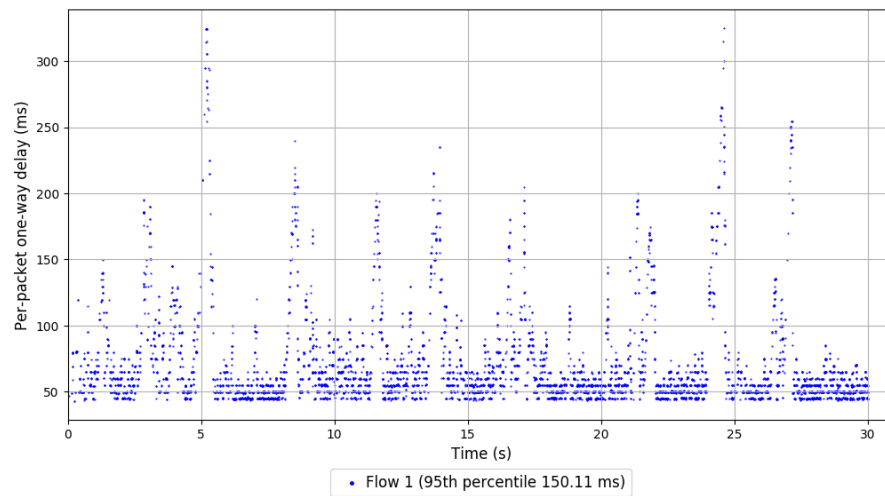
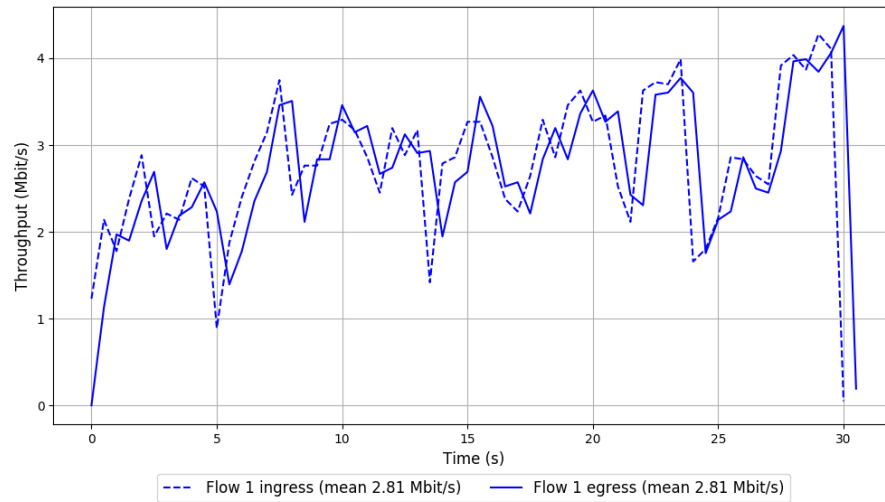
-- Flow 1:

Average throughput: 2.81 Mbit/s

95th percentile per-packet one-way delay: 150.107 ms

Loss rate: 0.16%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-23 23:52:08

End at: 2018-05-23 23:52:38

Local clock offset: 1.889 ms

Remote clock offset: -9.285 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 00:09:29

End at: 2018-05-24 00:09:59

Local clock offset: 2.135 ms

Remote clock offset: -6.198 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 00:26:51

End at: 2018-05-24 00:27:21

Local clock offset: 2.567 ms

Remote clock offset: -5.319 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 00:44:10

End at: 2018-05-24 00:44:40

Local clock offset: 3.316 ms

Remote clock offset: -2.876 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 01:01:30

End at: 2018-05-24 01:02:00

Local clock offset: 0.417 ms

Remote clock offset: 3.287 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 01:18:51

End at: 2018-05-24 01:19:21

Local clock offset: 0.225 ms

Remote clock offset: -0.738 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 01:36:16

End at: 2018-05-24 01:36:46

Local clock offset: -0.7 ms

Remote clock offset: -5.7 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 01:53:40

End at: 2018-05-24 01:54:10

Local clock offset: -0.596 ms

Remote clock offset: -0.36 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 02:10:56

End at: 2018-05-24 02:11:26

Local clock offset: -0.802 ms

Remote clock offset: 3.609 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 02:28:18

End at: 2018-05-24 02:28:48

Local clock offset: -1.185 ms

Remote clock offset: 10.494 ms

Run 10: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of PCC-Vivace

Start at: 2018-05-23 23:58:35

End at: 2018-05-23 23:59:05

Local clock offset: 1.032 ms

Remote clock offset: -8.639 ms

Below is generated by plot.py at 2018-05-24 02:47:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.03 Mbit/s

95th percentile per-packet one-way delay: 515.281 ms

Loss rate: 5.22%

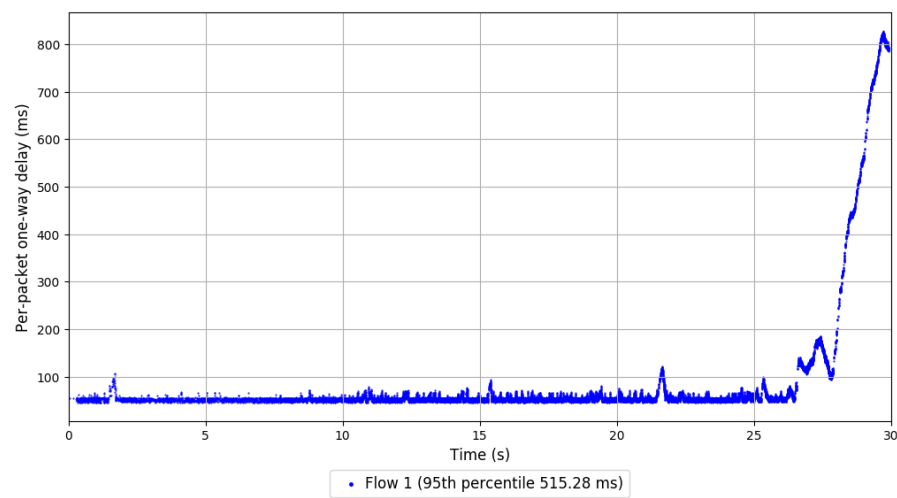
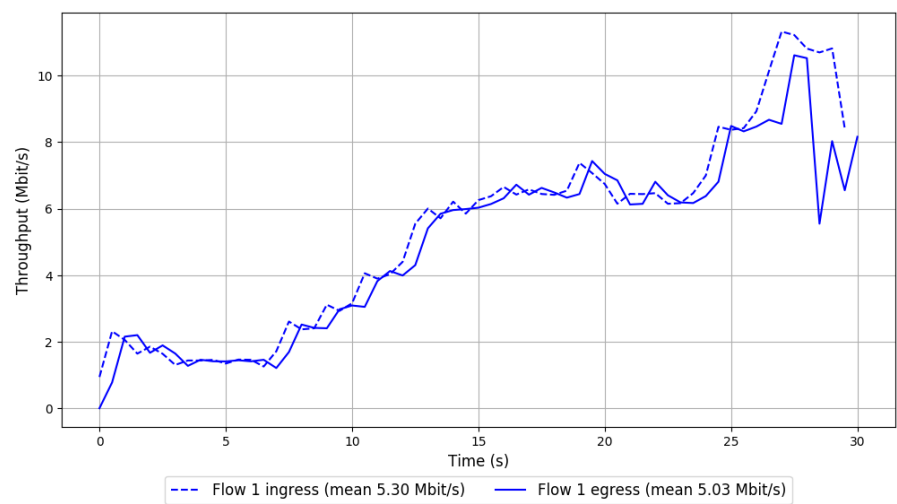
-- Flow 1:

Average throughput: 5.03 Mbit/s

95th percentile per-packet one-way delay: 515.281 ms

Loss rate: 5.22%

Run 1: Report of PCC-Vivace — Data Link

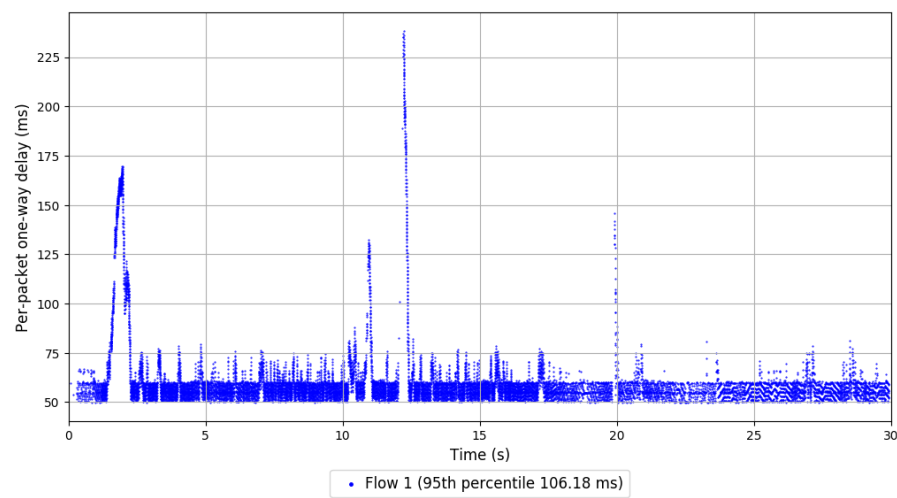
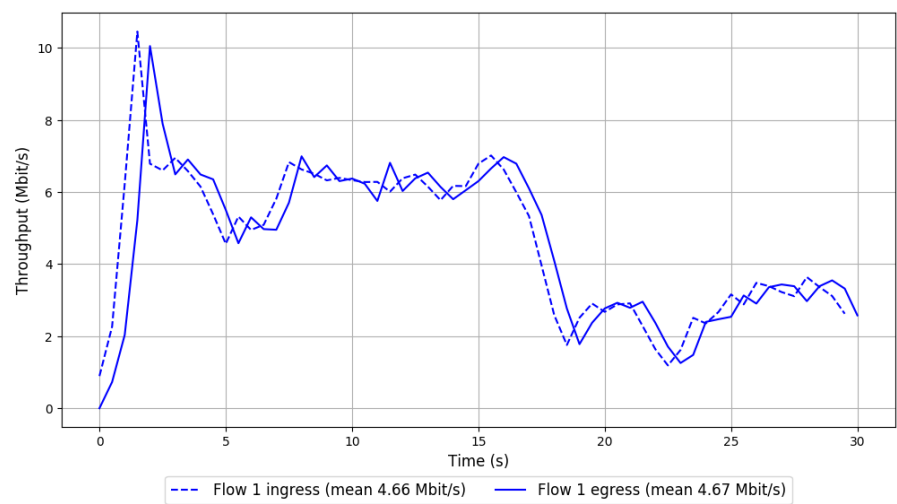


Run 2: Statistics of PCC-Vivace

Start at: 2018-05-24 00:15:59
End at: 2018-05-24 00:16:29
Local clock offset: 0.063 ms
Remote clock offset: -7.558 ms

Below is generated by plot.py at 2018-05-24 02:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 106.182 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 106.182 ms
Loss rate: 0.11%

Run 2: Report of PCC-Vivace — Data Link

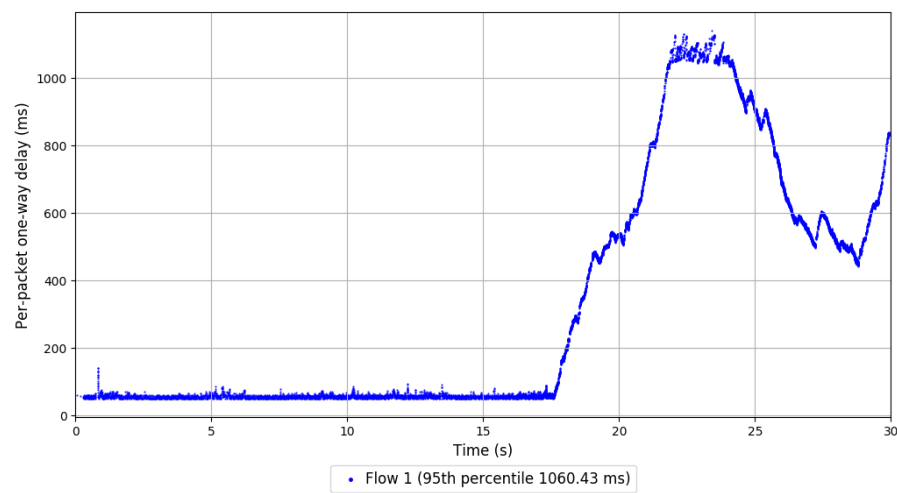
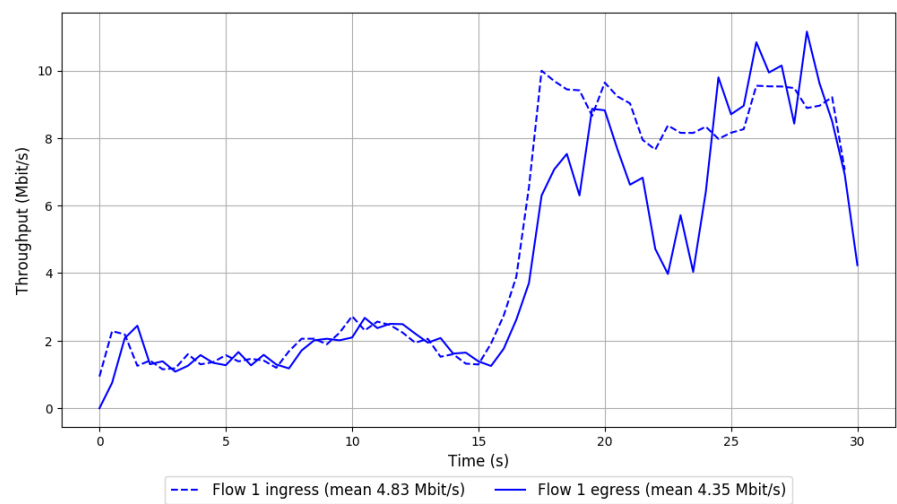


Run 3: Statistics of PCC-Vivace

Start at: 2018-05-24 00:33:19
End at: 2018-05-24 00:33:49
Local clock offset: 0.092 ms
Remote clock offset: -7.382 ms

Below is generated by plot.py at 2018-05-24 02:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 1060.431 ms
Loss rate: 10.16%
-- Flow 1:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 1060.431 ms
Loss rate: 10.16%

Run 3: Report of PCC-Vivace — Data Link

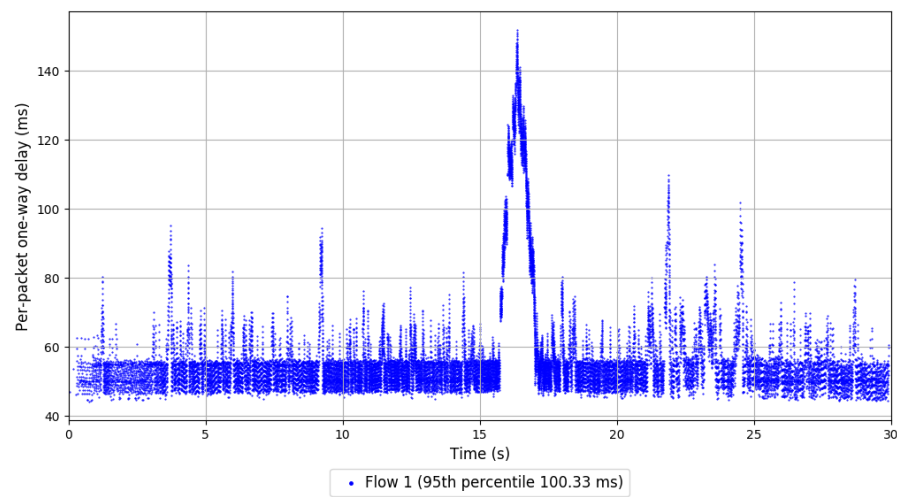
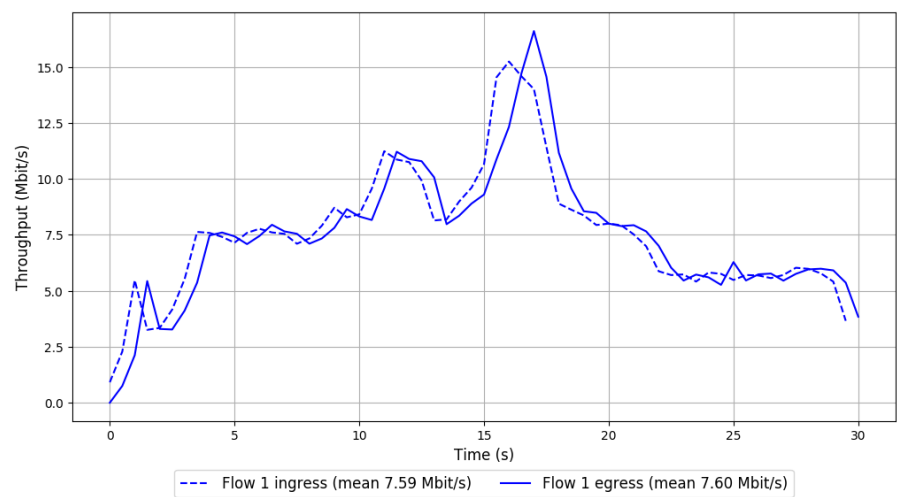


Run 4: Statistics of PCC-Vivace

Start at: 2018-05-24 00:50:39
End at: 2018-05-24 00:51:09
Local clock offset: 4.029 ms
Remote clock offset: -0.615 ms

Below is generated by plot.py at 2018-05-24 02:48:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 100.330 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 100.330 ms
Loss rate: 0.08%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-05-24 01:07:59

End at: 2018-05-24 01:08:29

Local clock offset: 1.596 ms

Remote clock offset: 4.505 ms

Below is generated by plot.py at 2018-05-24 02:48:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.12 Mbit/s

95th percentile per-packet one-way delay: 1065.346 ms

Loss rate: 7.76%

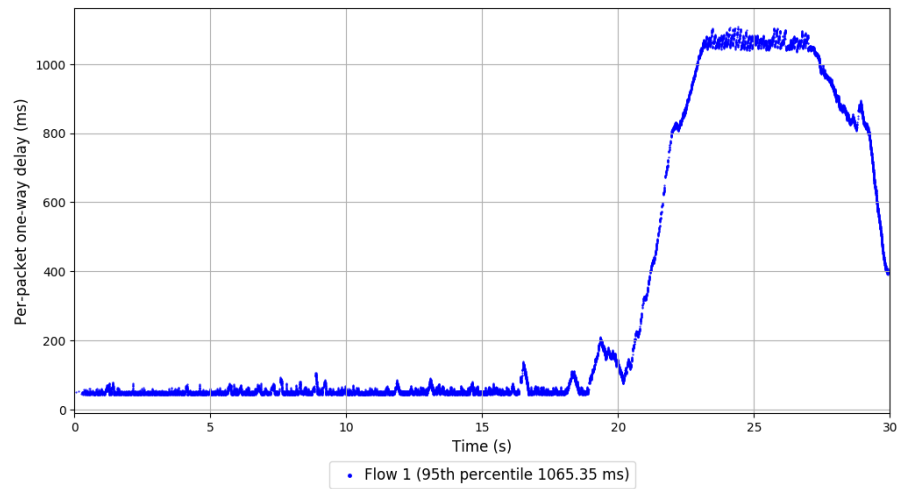
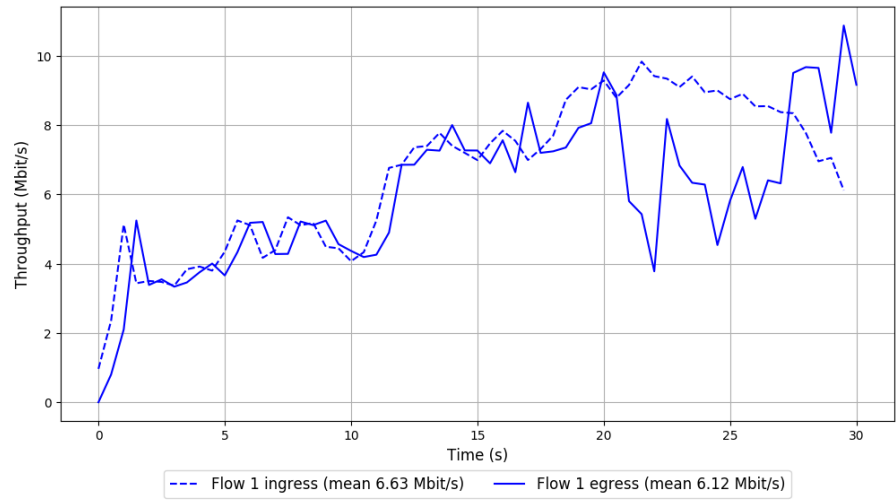
-- Flow 1:

Average throughput: 6.12 Mbit/s

95th percentile per-packet one-way delay: 1065.346 ms

Loss rate: 7.76%

Run 5: Report of PCC-Vivace — Data Link

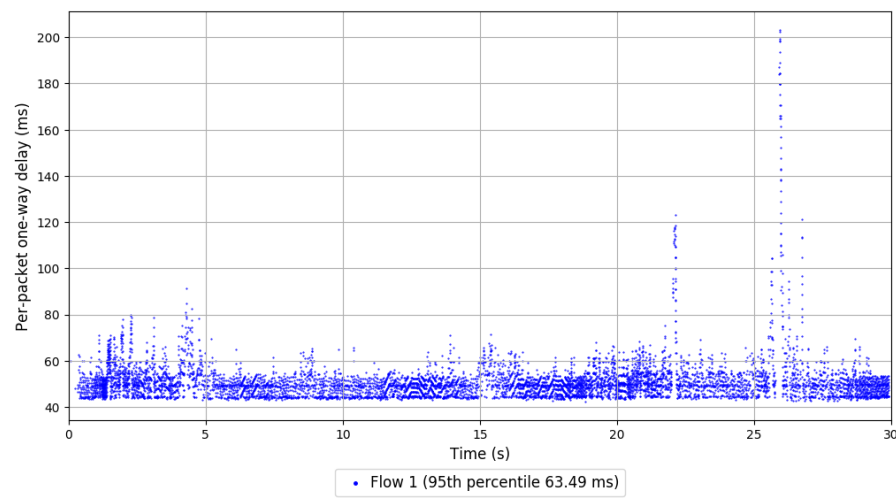
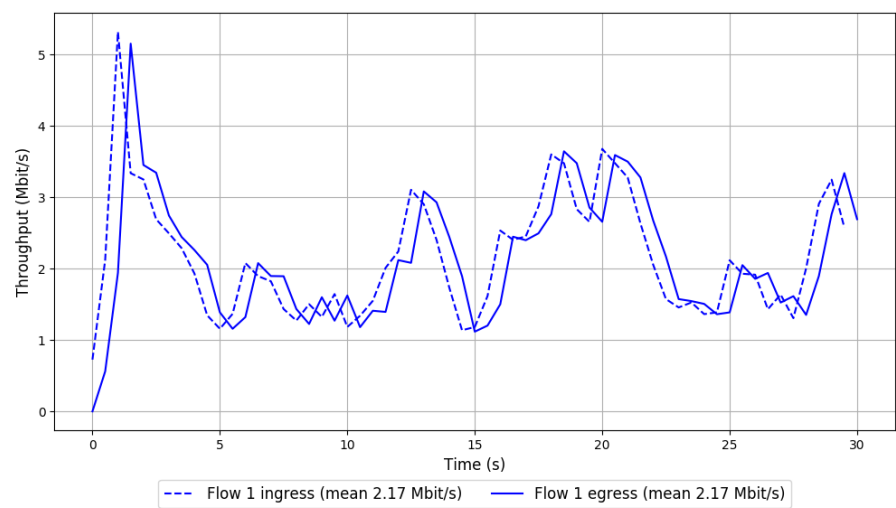


Run 6: Statistics of PCC-Vivace

Start at: 2018-05-24 01:25:25
End at: 2018-05-24 01:25:55
Local clock offset: -0.575 ms
Remote clock offset: -5.026 ms

Below is generated by plot.py at 2018-05-24 02:48:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 63.495 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 63.495 ms
Loss rate: 0.14%

Run 6: Report of PCC-Vivace — Data Link

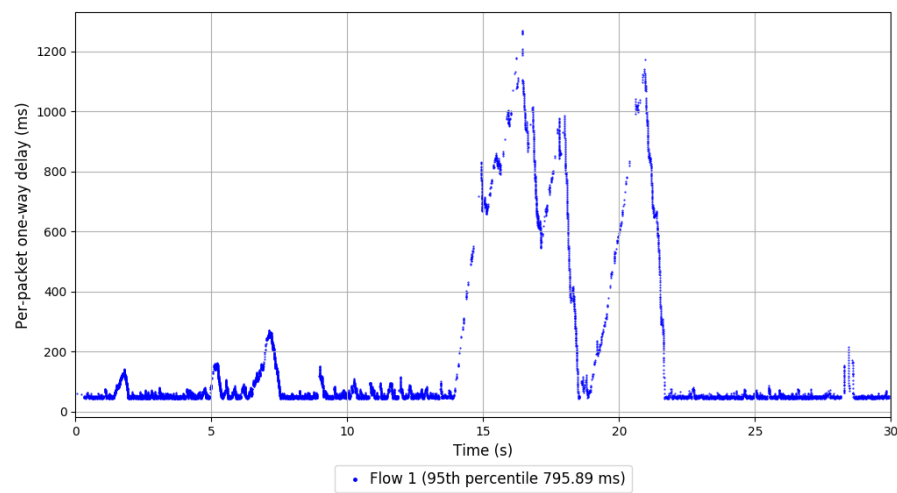
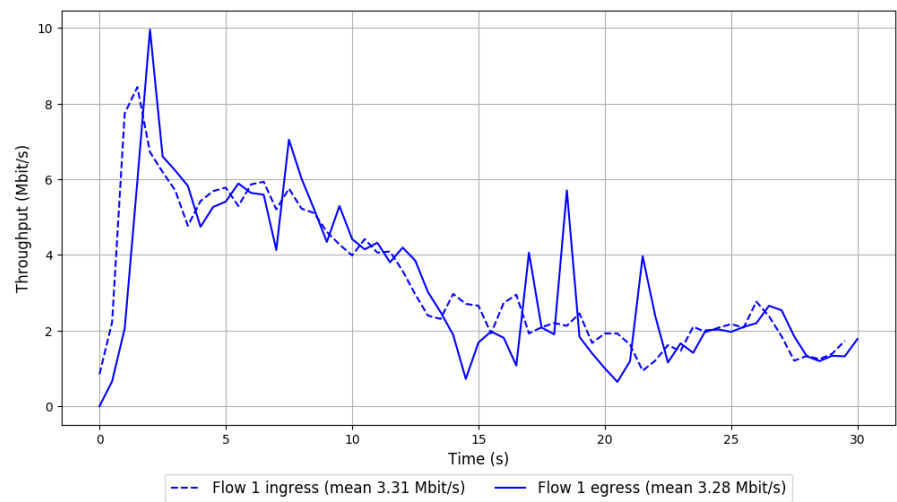


Run 7: Statistics of PCC-Vivace

Start at: 2018-05-24 01:42:46
End at: 2018-05-24 01:43:16
Local clock offset: 0.923 ms
Remote clock offset: -4.921 ms

Below is generated by plot.py at 2018-05-24 02:48:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 795.889 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 795.889 ms
Loss rate: 1.02%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-05-24 02:00:07

End at: 2018-05-24 02:00:37

Local clock offset: 2.16 ms

Remote clock offset: 2.89 ms

Below is generated by plot.py at 2018-05-24 02:48:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 93.228 ms

Loss rate: 0.12%

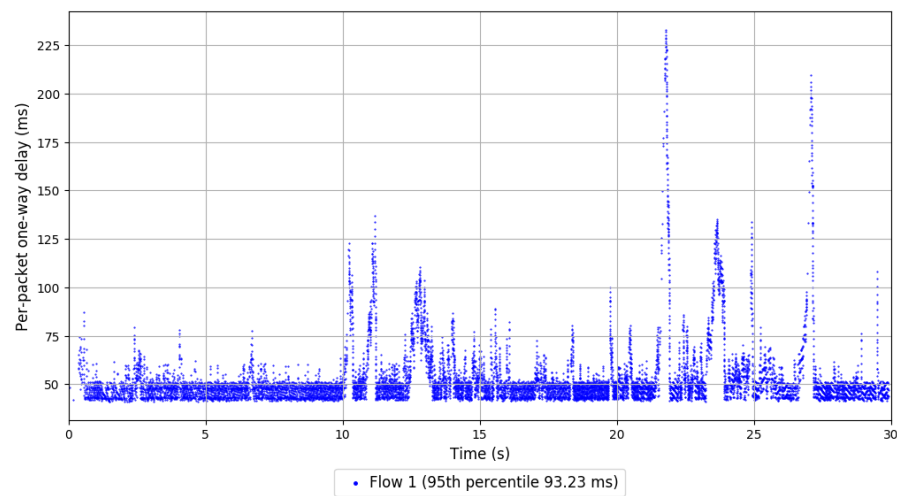
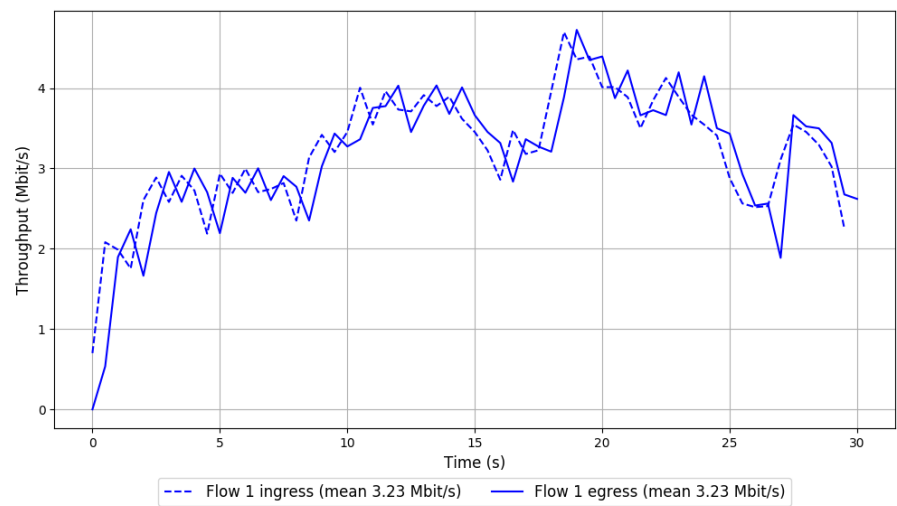
-- Flow 1:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 93.228 ms

Loss rate: 0.12%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-05-24 02:17:29

End at: 2018-05-24 02:17:59

Local clock offset: 0.744 ms

Remote clock offset: 6.336 ms

Below is generated by plot.py at 2018-05-24 02:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 1038.994 ms

Loss rate: 3.32%

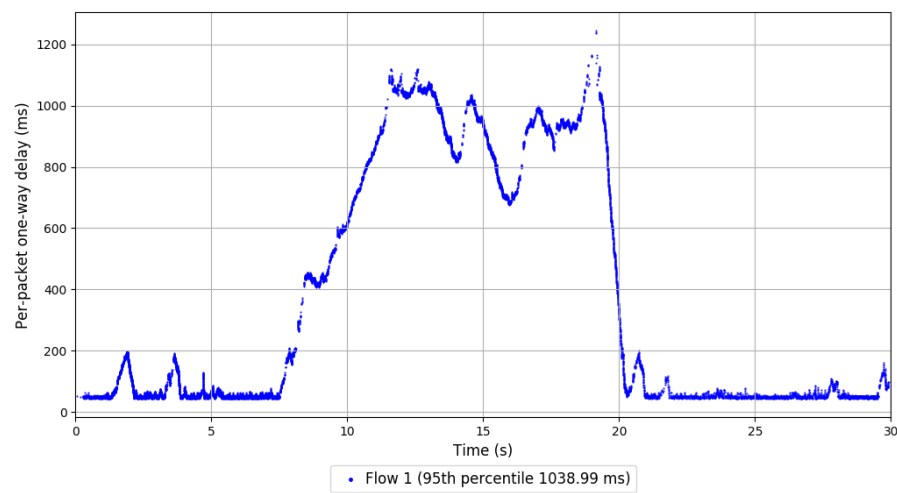
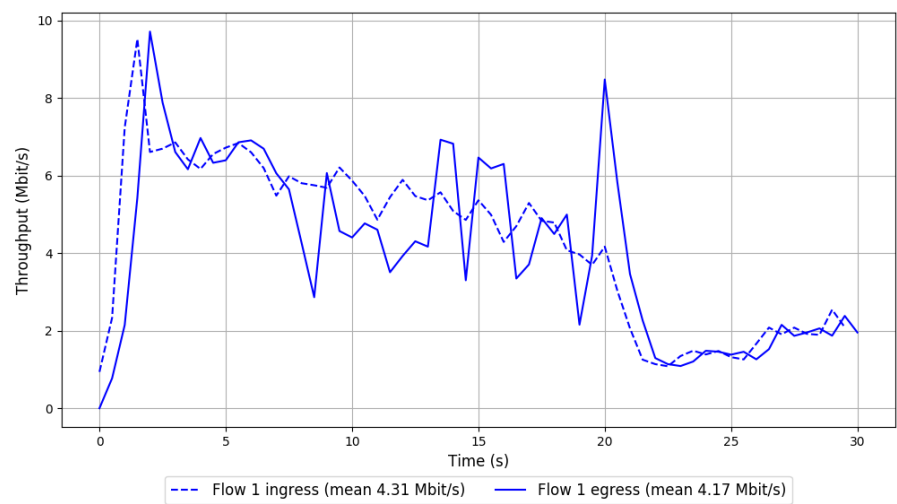
-- Flow 1:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 1038.994 ms

Loss rate: 3.32%

Run 9: Report of PCC-Vivace — Data Link

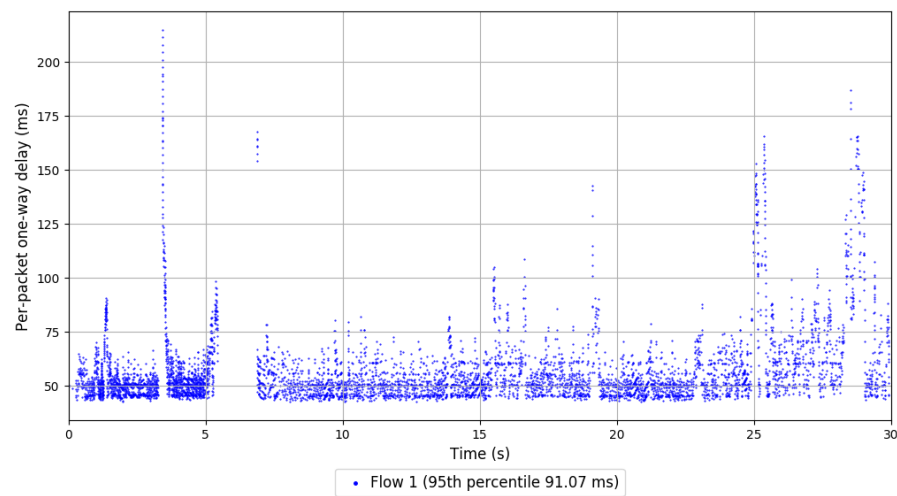
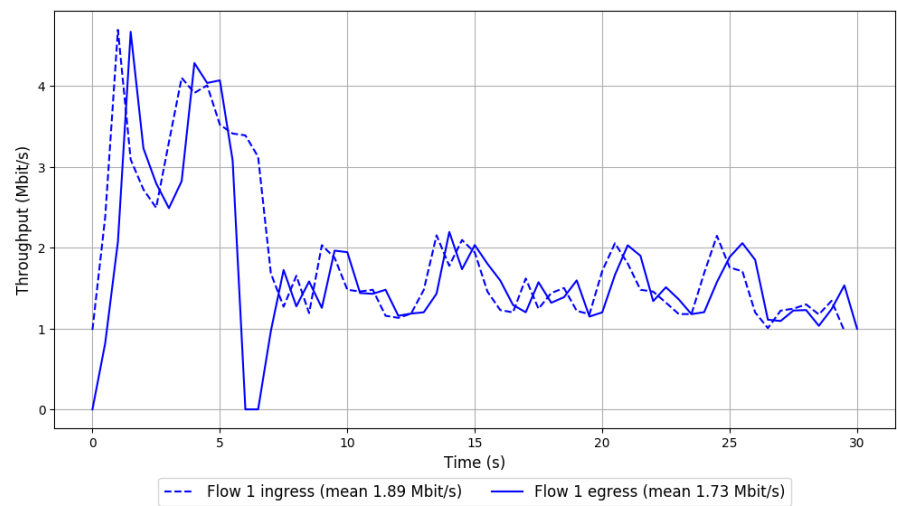


Run 10: Statistics of PCC-Vivace

Start at: 2018-05-24 02:34:47
End at: 2018-05-24 02:35:17
Local clock offset: -0.689 ms
Remote clock offset: 12.576 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 91.074 ms
Loss rate: 8.57%
-- Flow 1:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 91.074 ms
Loss rate: 8.57%

Run 10: Report of PCC-Vivace — Data Link

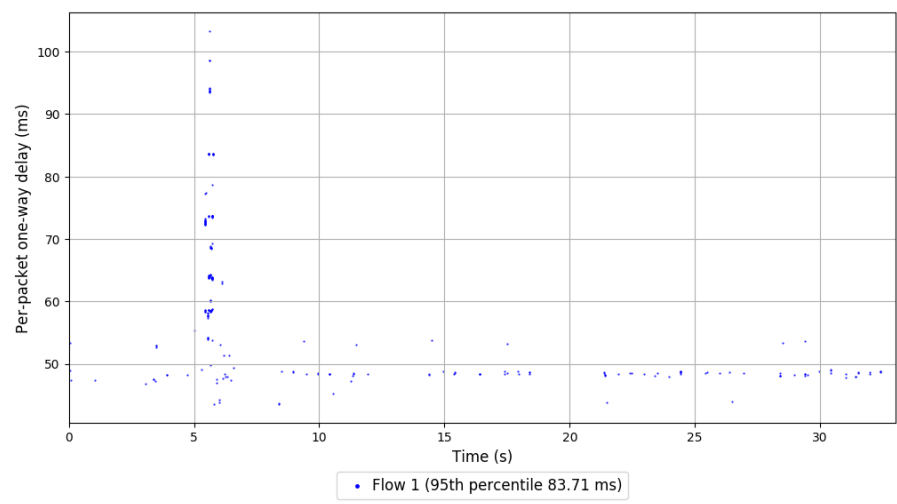
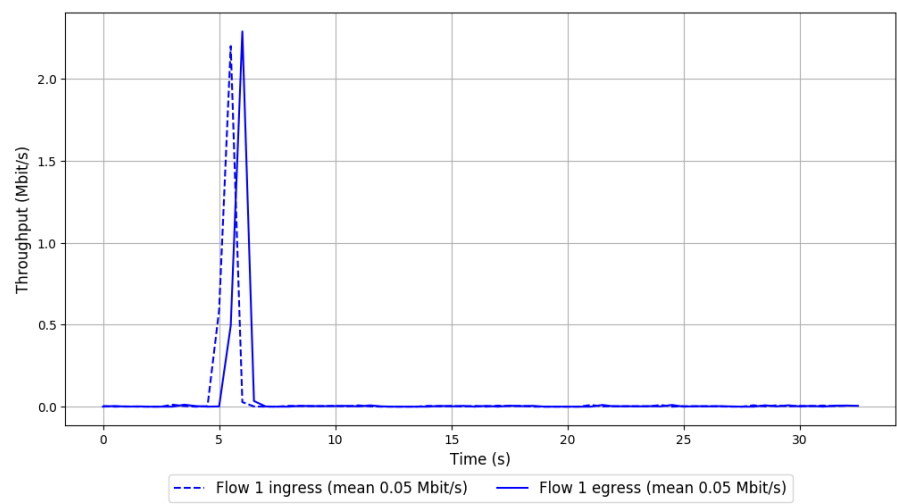


Run 1: Statistics of WebRTC media

Start at: 2018-05-23 23:59:41
End at: 2018-05-24 00:00:11
Local clock offset: 3.964 ms
Remote clock offset: -7.602 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 83.714 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 83.714 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

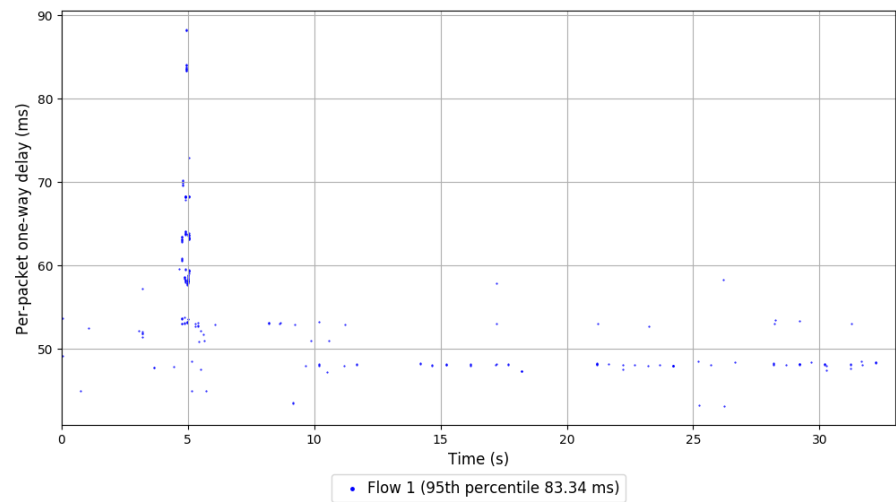
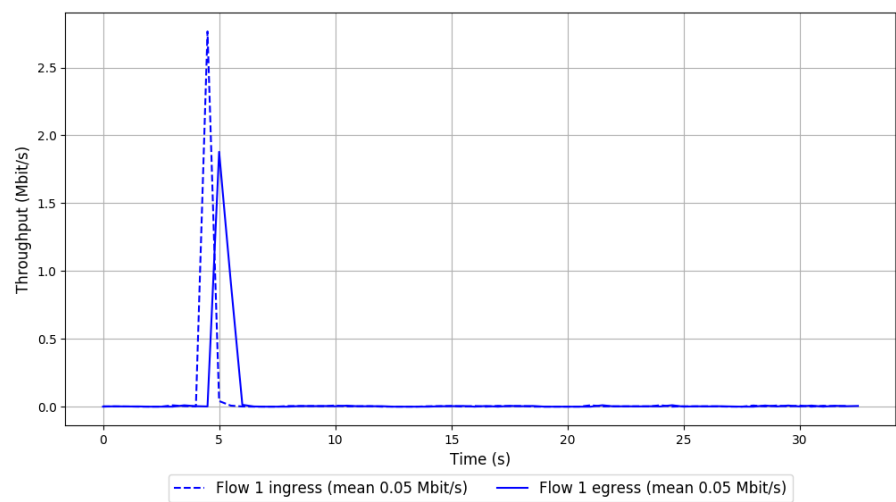


Run 2: Statistics of WebRTC media

Start at: 2018-05-24 00:17:04
End at: 2018-05-24 00:17:34
Local clock offset: 2.017 ms
Remote clock offset: -7.392 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 83.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 83.337 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

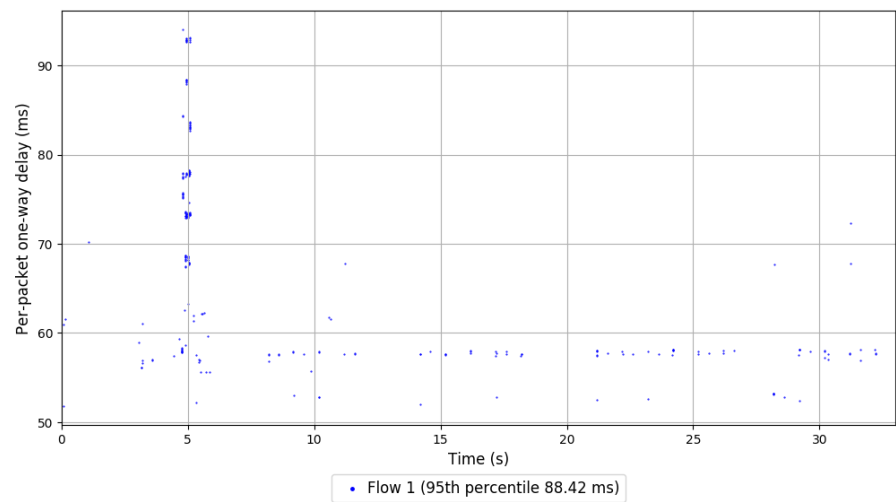
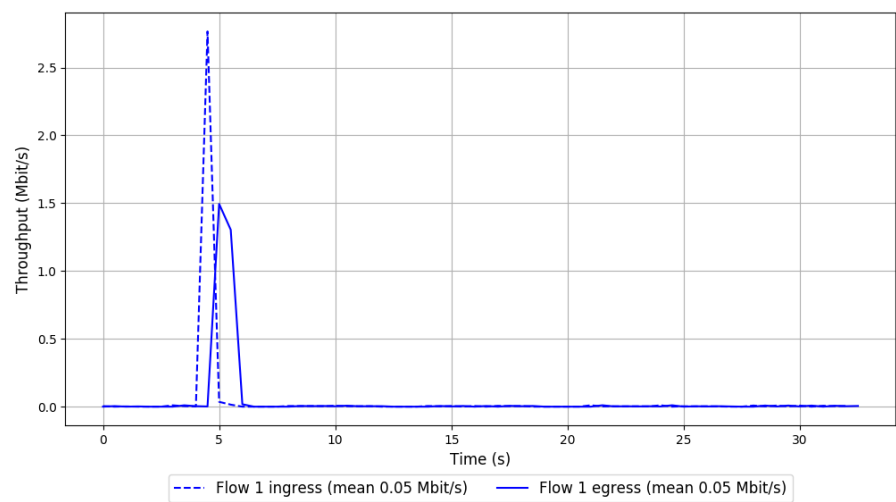


Run 3: Statistics of WebRTC media

Start at: 2018-05-24 00:34:24
End at: 2018-05-24 00:34:54
Local clock offset: 0.374 ms
Remote clock offset: -5.402 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 88.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 88.424 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

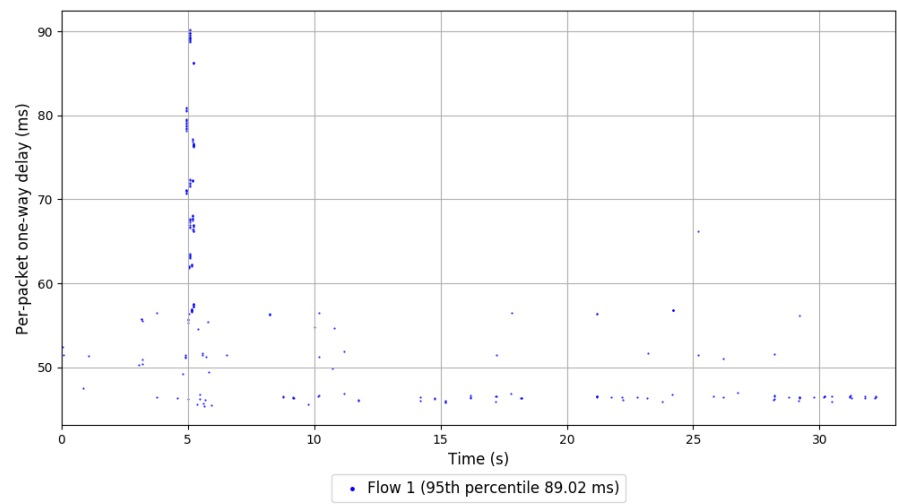
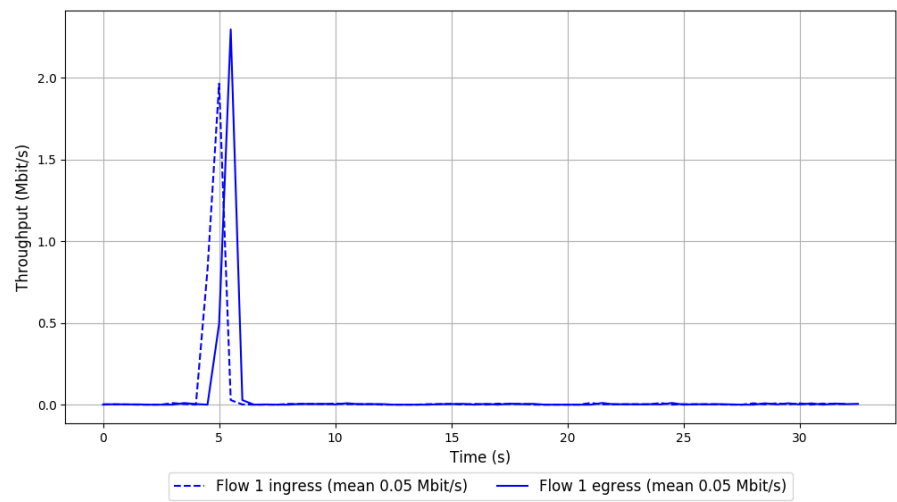


Run 4: Statistics of WebRTC media

Start at: 2018-05-24 00:51:45
End at: 2018-05-24 00:52:15
Local clock offset: 2.6 ms
Remote clock offset: -0.332 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 89.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 89.020 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-05-24 01:09:04

End at: 2018-05-24 01:09:34

Local clock offset: 1.88 ms

Remote clock offset: 4.667 ms

Below is generated by plot.py at 2018-05-24 02:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 74.124 ms

Loss rate: 0.00%

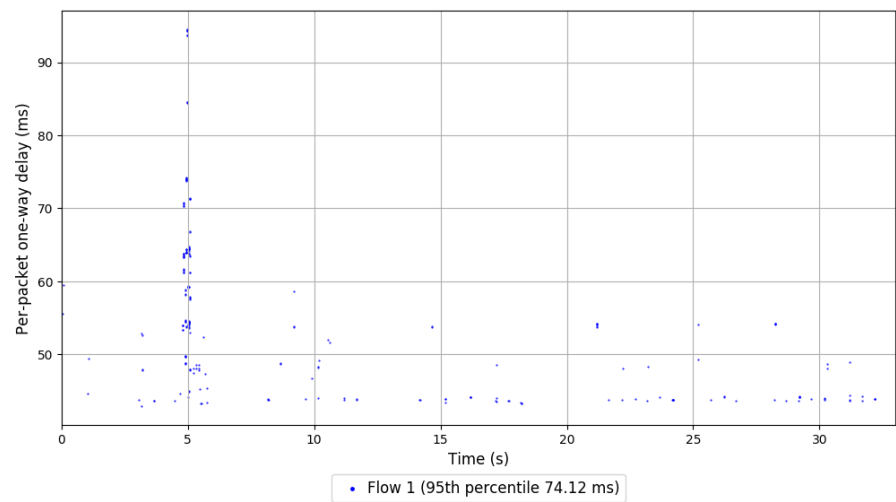
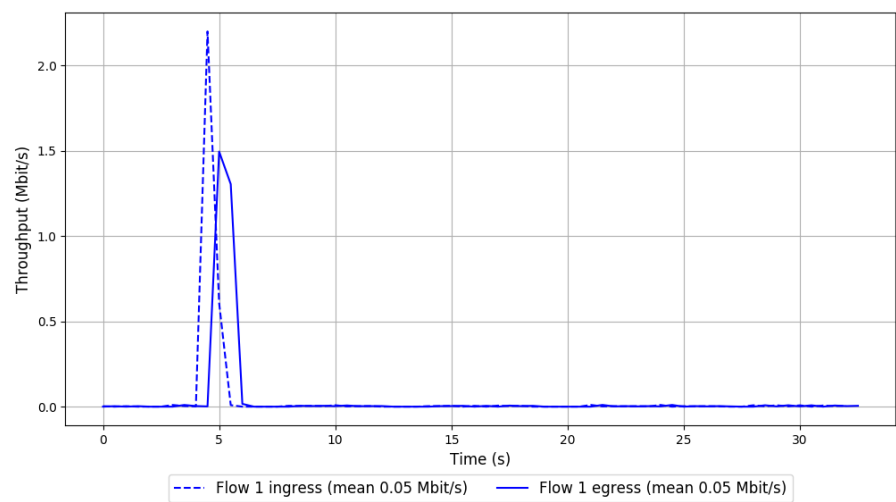
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 74.124 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-05-24 01:26:30

End at: 2018-05-24 01:27:00

Local clock offset: -1.267 ms

Remote clock offset: -2.77 ms

Below is generated by plot.py at 2018-05-24 02:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 106.454 ms

Loss rate: 0.00%

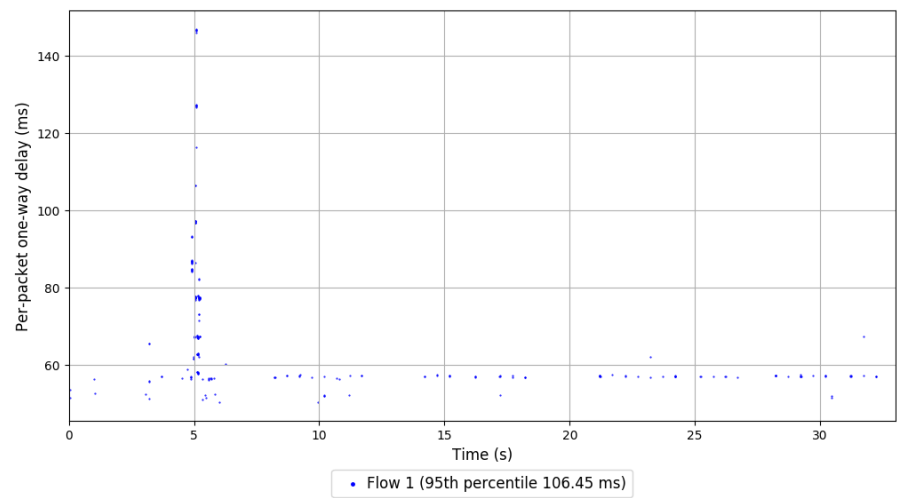
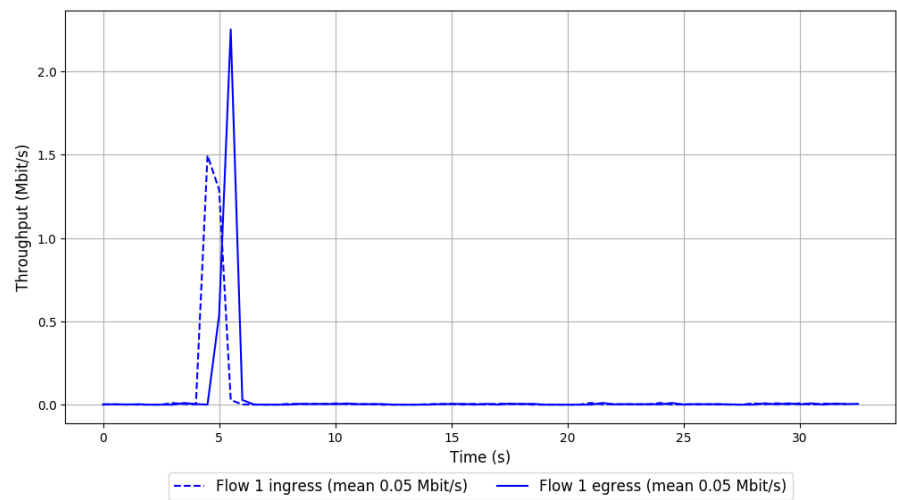
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 106.454 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

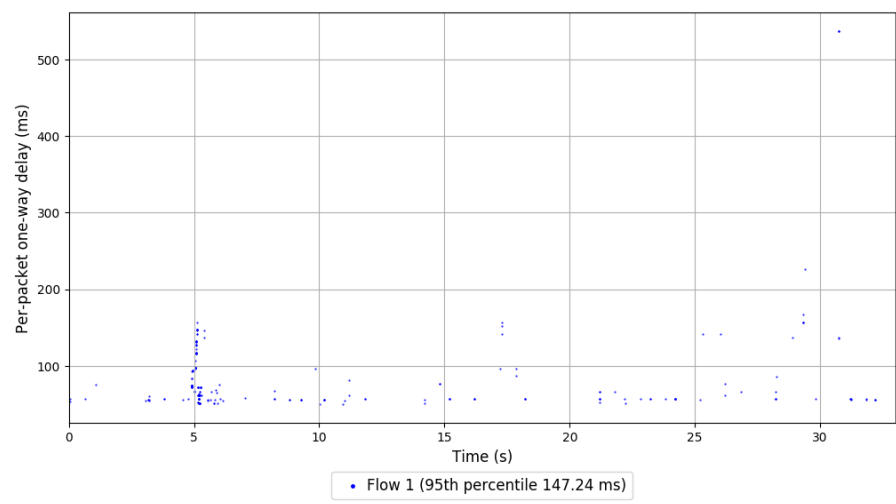
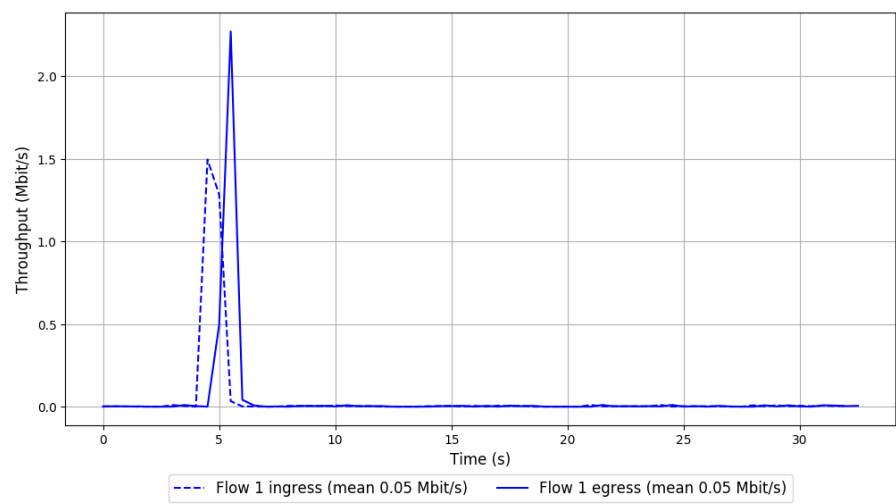


Run 7: Statistics of WebRTC media

Start at: 2018-05-24 01:43:56
End at: 2018-05-24 01:44:26
Local clock offset: -1.069 ms
Remote clock offset: -4.792 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 147.241 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 147.241 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-05-24 02:01:12

End at: 2018-05-24 02:01:42

Local clock offset: -0.618 ms

Remote clock offset: 1.169 ms

Below is generated by plot.py at 2018-05-24 02:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 96.878 ms

Loss rate: 0.00%

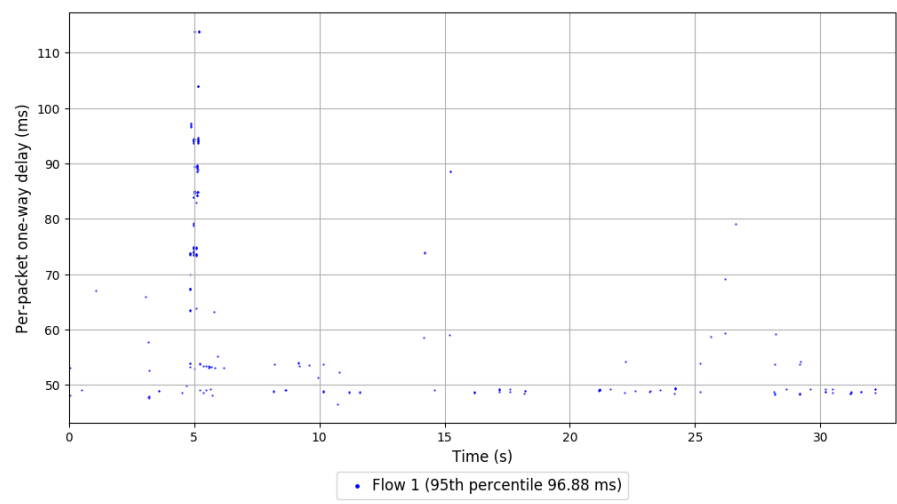
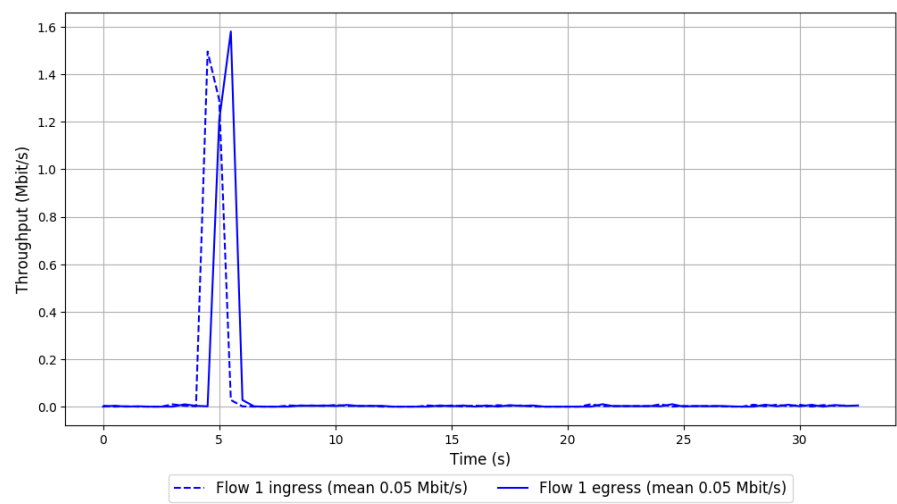
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 96.878 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-05-24 02:18:34

End at: 2018-05-24 02:19:04

Local clock offset: 4.224 ms

Remote clock offset: 4.694 ms

Below is generated by plot.py at 2018-05-24 02:48:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 87.899 ms

Loss rate: 0.00%

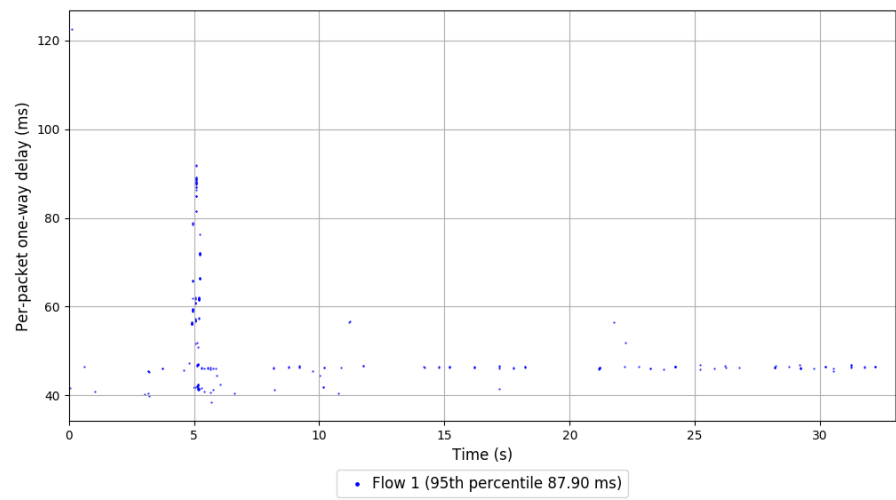
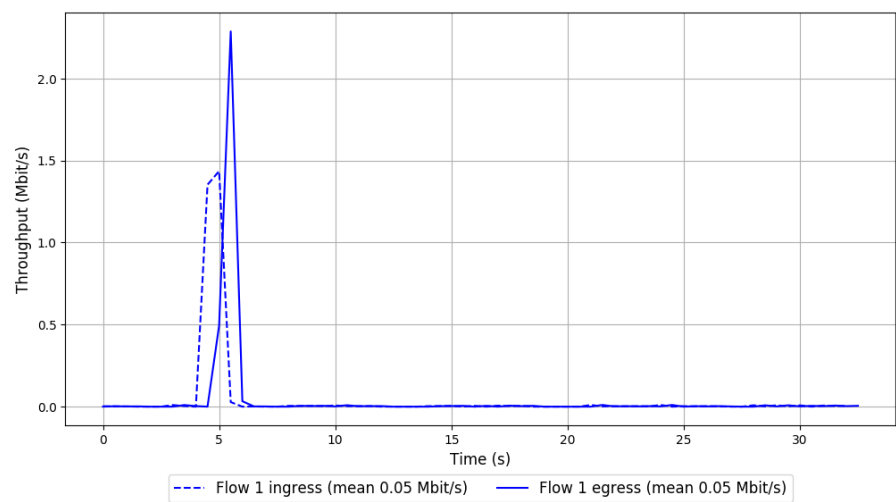
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 87.899 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-24 02:35:52
End at: 2018-05-24 02:36:22
Local clock offset: -2.113 ms
Remote clock offset: 13.111 ms

Below is generated by plot.py at 2018-05-24 02:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 218.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 218.257 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

