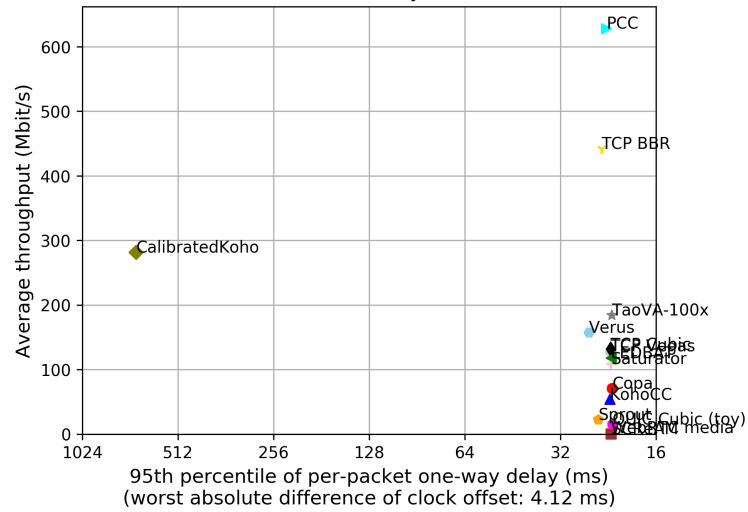


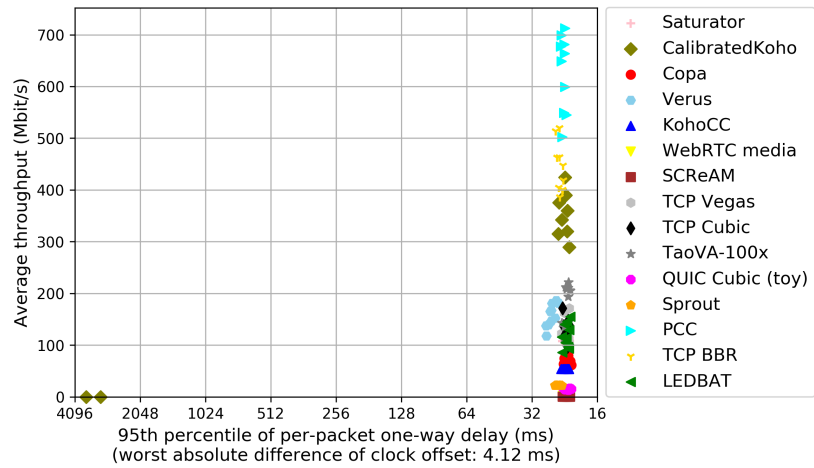
Pantheon Summary (Generated at Fri, 30 Jun 2017 04:03:41 +0000 with pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** AWS California 1 Ethernet **to** Stanford Ethernet.
NTP offset measured against time.stanford.edu.

git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42

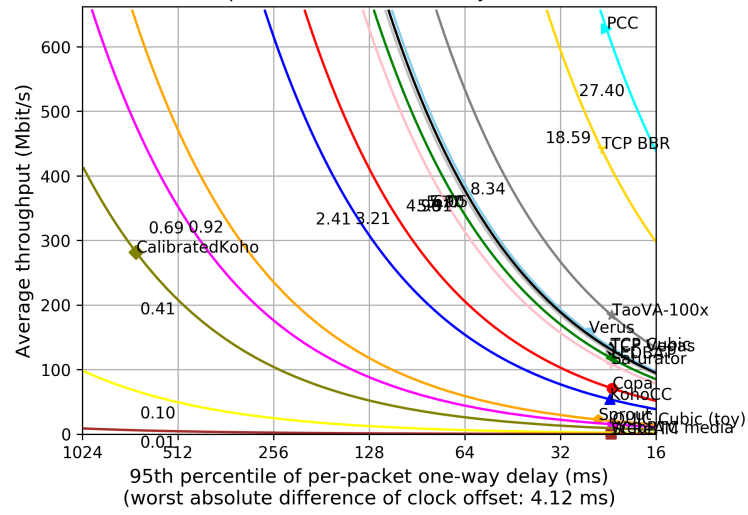
test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme
mean power scores of all runs by scheme



Run 1: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:05:10 +0000

End at: Thu, 29 Jun 2017 19:05:40 +0000

Local clock offset: 0.435 ms

Remote clock offset: -3.656 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:33:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 513.55 Mbit/s

95th percentile per-packet one-way delay: 24.927 ms

Loss rate: 4.33%

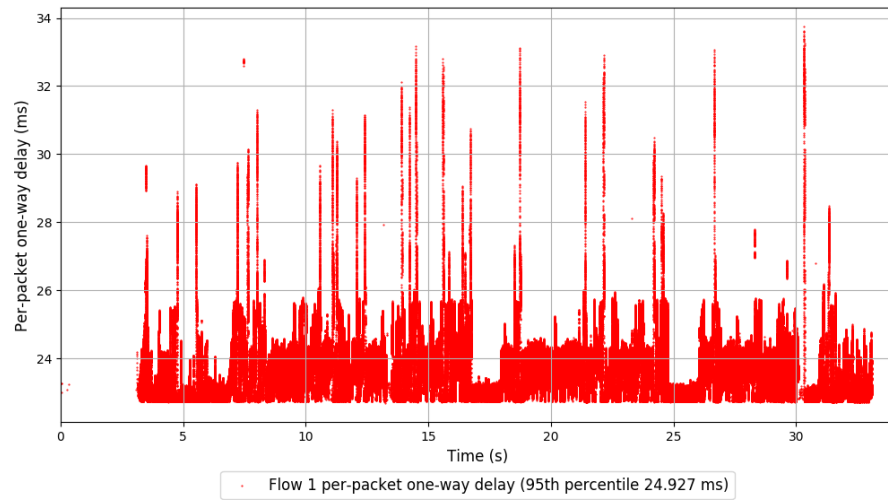
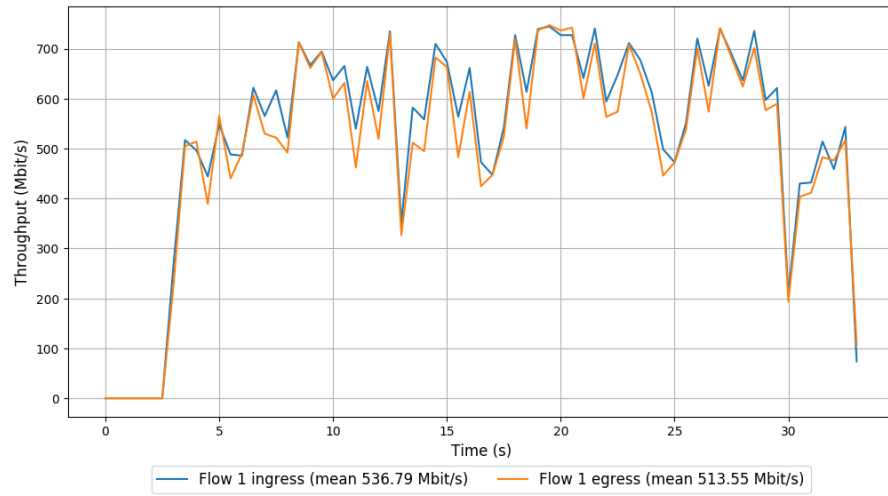
-- Flow 1:

Average throughput: 513.55 Mbit/s

95th percentile per-packet one-way delay: 24.927 ms

Loss rate: 4.33%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:24:50 +0000

End at: Thu, 29 Jun 2017 19:25:20 +0000

Local clock offset: 0.487 ms

Remote clock offset: -3.17 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:33:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 463.27 Mbit/s

95th percentile per-packet one-way delay: 24.542 ms

Loss rate: 3.51%

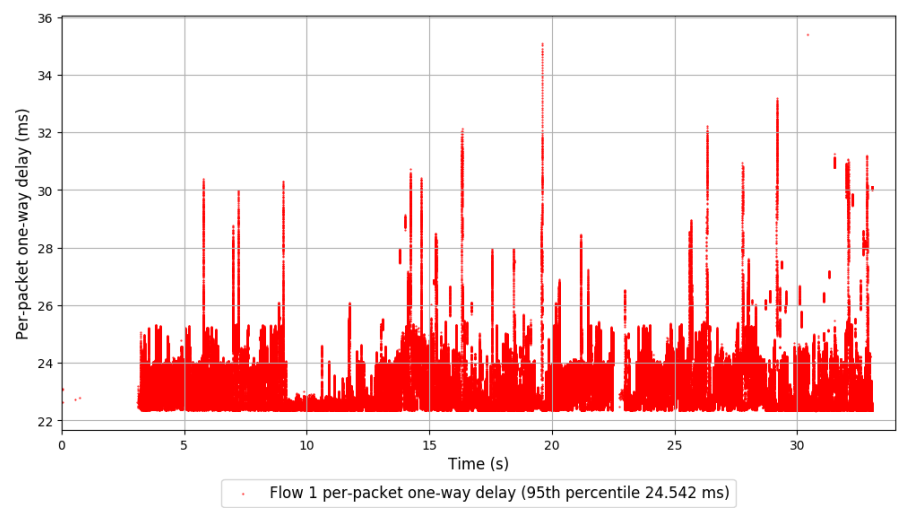
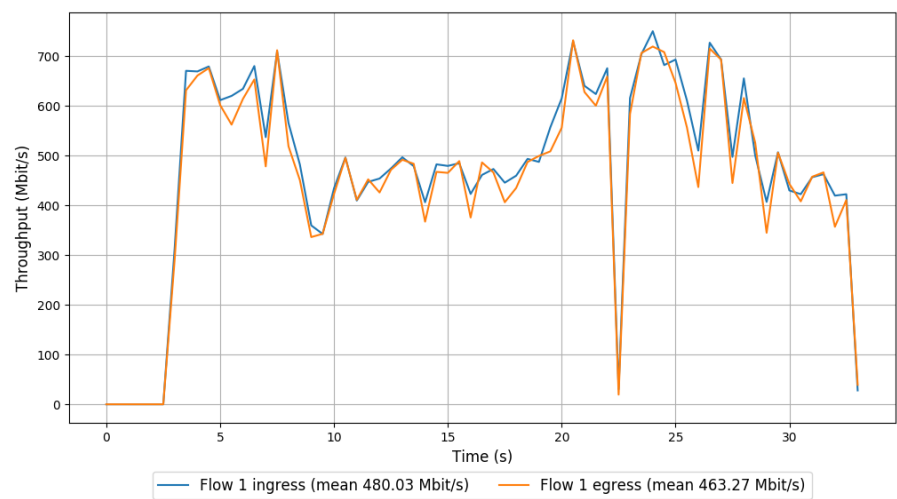
-- Flow 1:

Average throughput: 463.27 Mbit/s

95th percentile per-packet one-way delay: 24.542 ms

Loss rate: 3.51%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:44:45 +0000

End at: Thu, 29 Jun 2017 19:45:15 +0000

Local clock offset: 0.558 ms

Remote clock offset: -2.924 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:34:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 404.71 Mbit/s

95th percentile per-packet one-way delay: 24.112 ms

Loss rate: 2.97%

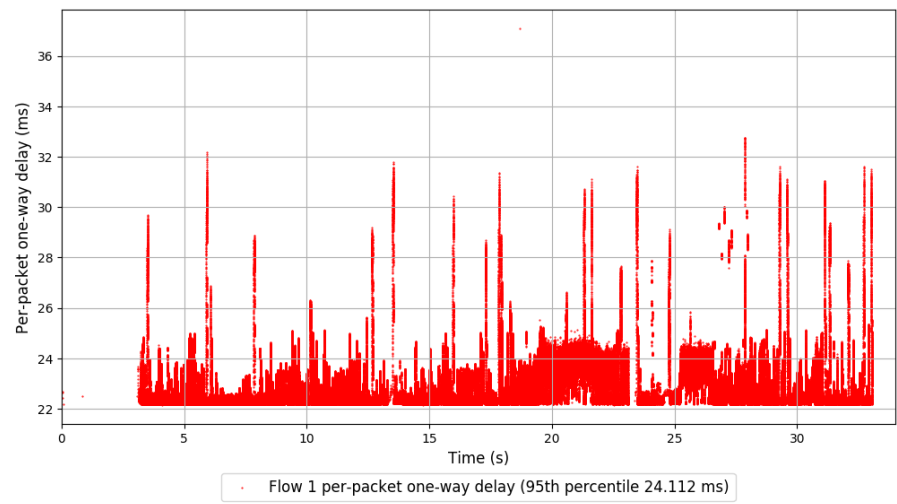
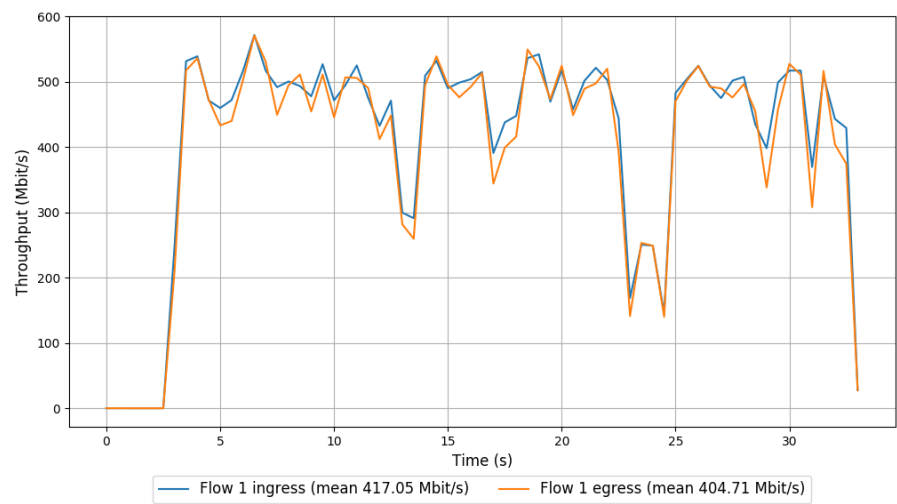
-- Flow 1:

Average throughput: 404.71 Mbit/s

95th percentile per-packet one-way delay: 24.112 ms

Loss rate: 2.97%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:04:06 +0000

End at: Thu, 29 Jun 2017 20:04:36 +0000

Local clock offset: 0.484 ms

Remote clock offset: -2.868 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:34:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 386.15 Mbit/s

95th percentile per-packet one-way delay: 23.795 ms

Loss rate: 3.49%

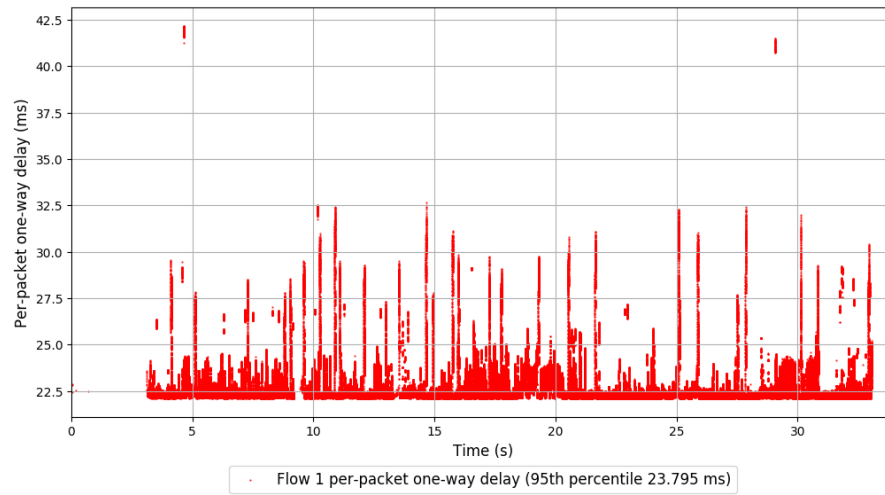
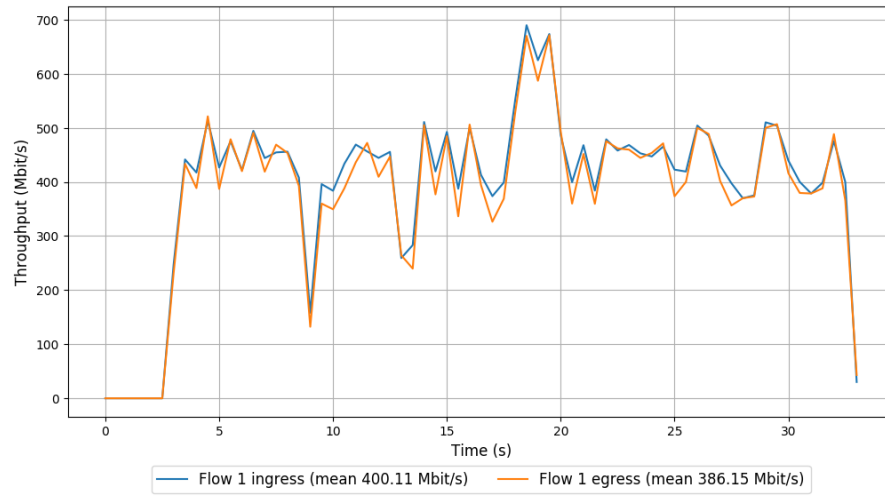
-- Flow 1:

Average throughput: 386.15 Mbit/s

95th percentile per-packet one-way delay: 23.795 ms

Loss rate: 3.49%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:23:53 +0000

End at: Thu, 29 Jun 2017 20:24:23 +0000

Local clock offset: 0.418 ms

Remote clock offset: -2.628 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:35:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 463.85 Mbit/s

95th percentile per-packet one-way delay: 23.900 ms

Loss rate: 4.14%

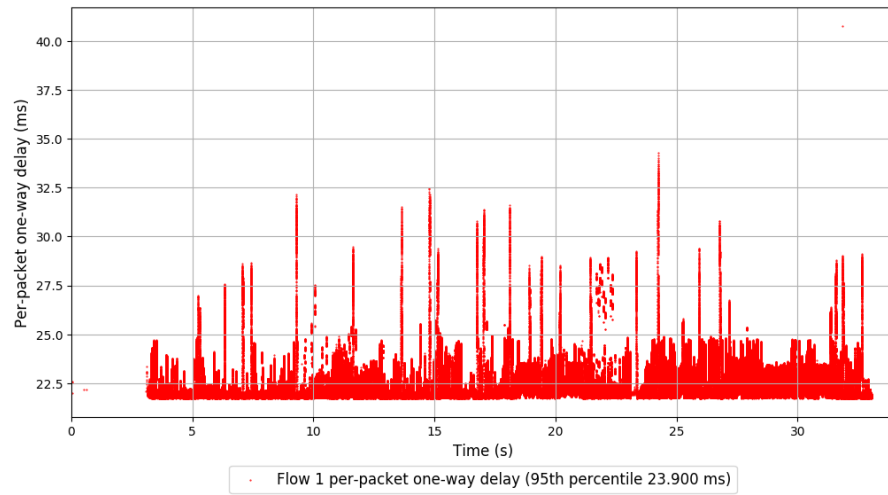
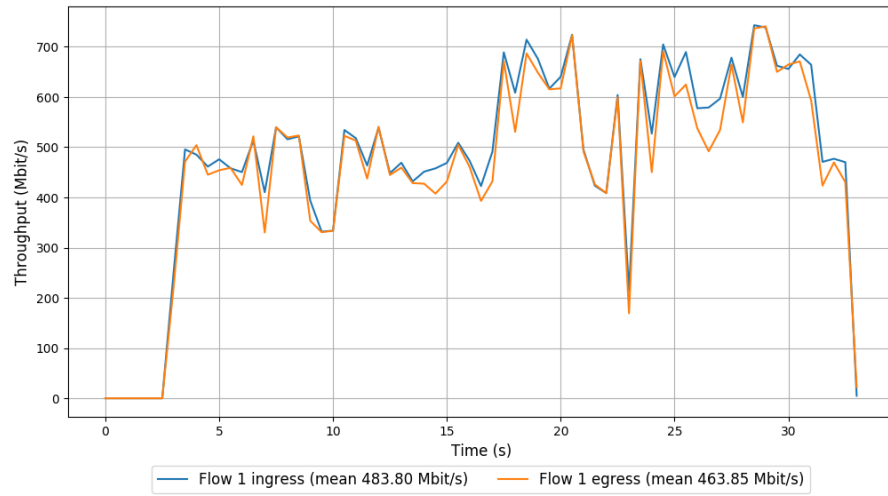
-- Flow 1:

Average throughput: 463.85 Mbit/s

95th percentile per-packet one-way delay: 23.900 ms

Loss rate: 4.14%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:43:48 +0000

End at: Thu, 29 Jun 2017 20:44:18 +0000

Local clock offset: 0.164 ms

Remote clock offset: -2.63 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:35:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 519.88 Mbit/s

95th percentile per-packet one-way delay: 23.888 ms

Loss rate: 4.60%

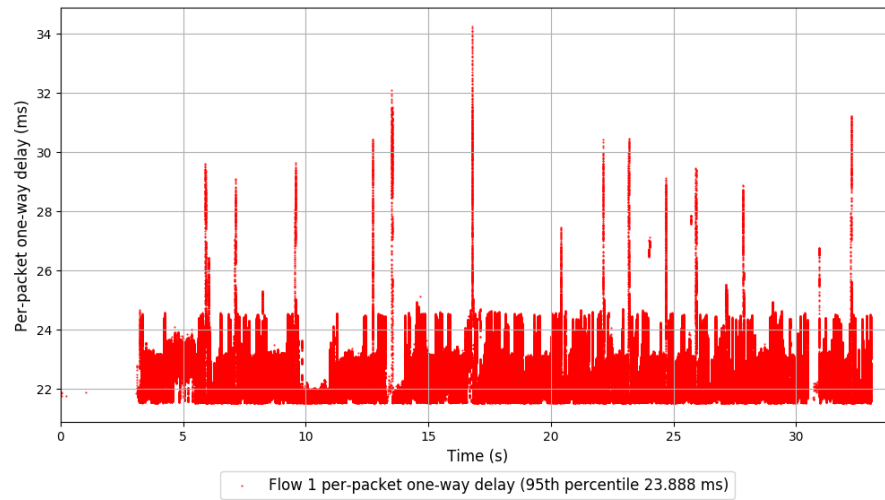
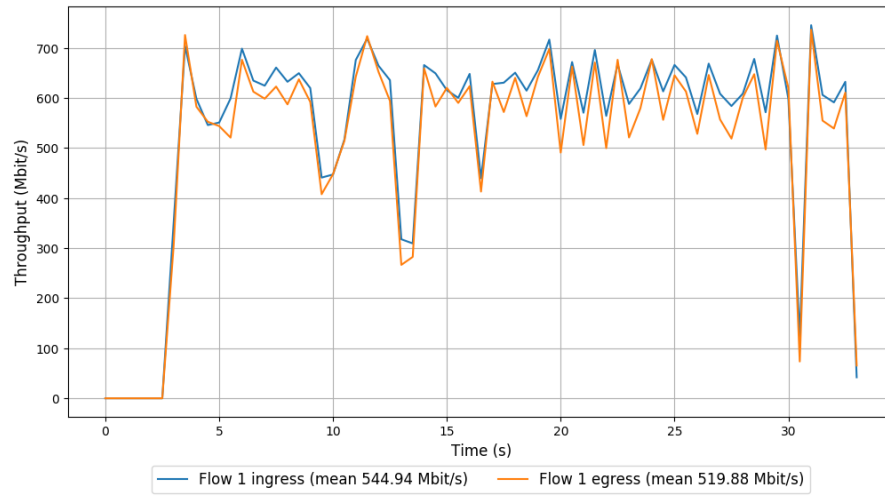
-- Flow 1:

Average throughput: 519.88 Mbit/s

95th percentile per-packet one-way delay: 23.888 ms

Loss rate: 4.60%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:03:22 +0000

End at: Thu, 29 Jun 2017 21:03:52 +0000

Local clock offset: 0.043 ms

Remote clock offset: -2.55 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:36:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 398.39 Mbit/s

95th percentile per-packet one-way delay: 23.190 ms

Loss rate: 4.49%

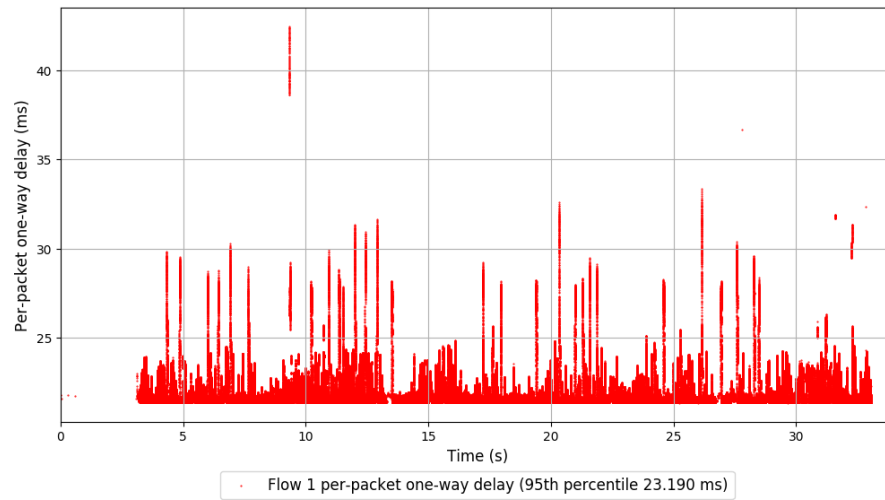
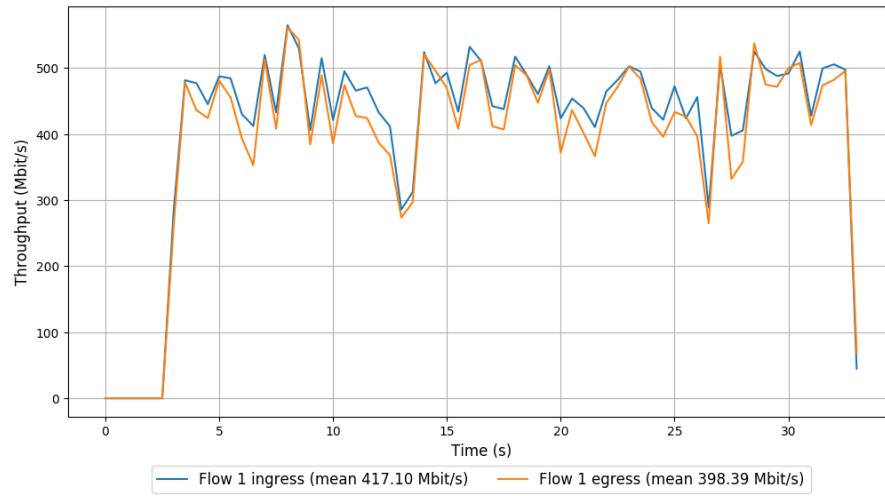
-- Flow 1:

Average throughput: 398.39 Mbit/s

95th percentile per-packet one-way delay: 23.190 ms

Loss rate: 4.49%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:23:01 +0000

End at: Thu, 29 Jun 2017 21:23:31 +0000

Local clock offset: -0.063 ms

Remote clock offset: -2.355 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:36:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 400.70 Mbit/s

95th percentile per-packet one-way delay: 23.173 ms

Loss rate: 4.01%

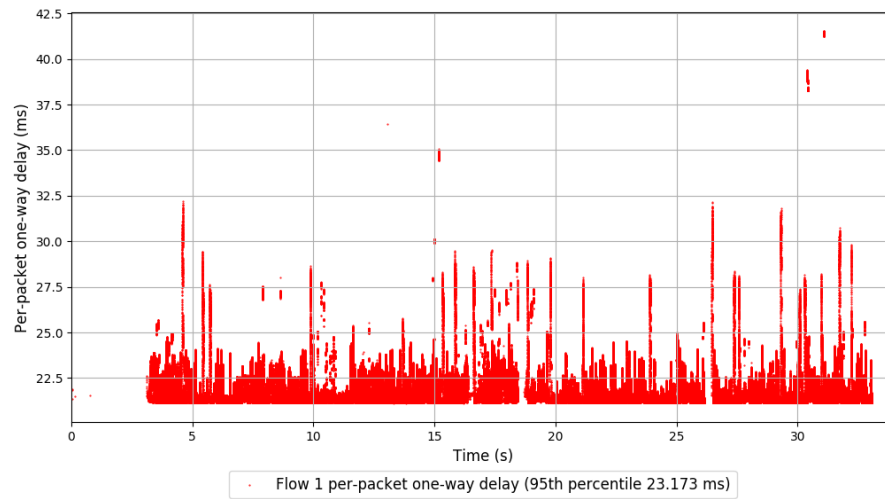
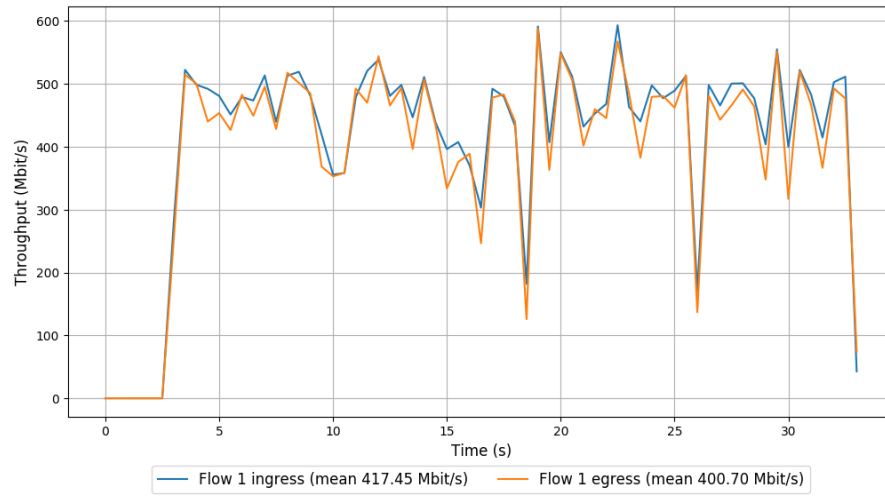
-- Flow 1:

Average throughput: 400.70 Mbit/s

95th percentile per-packet one-way delay: 23.173 ms

Loss rate: 4.01%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:42:57 +0000

End at: Thu, 29 Jun 2017 21:43:27 +0000

Local clock offset: -0.144 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:37:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 418.93 Mbit/s

95th percentile per-packet one-way delay: 22.973 ms

Loss rate: 4.77%

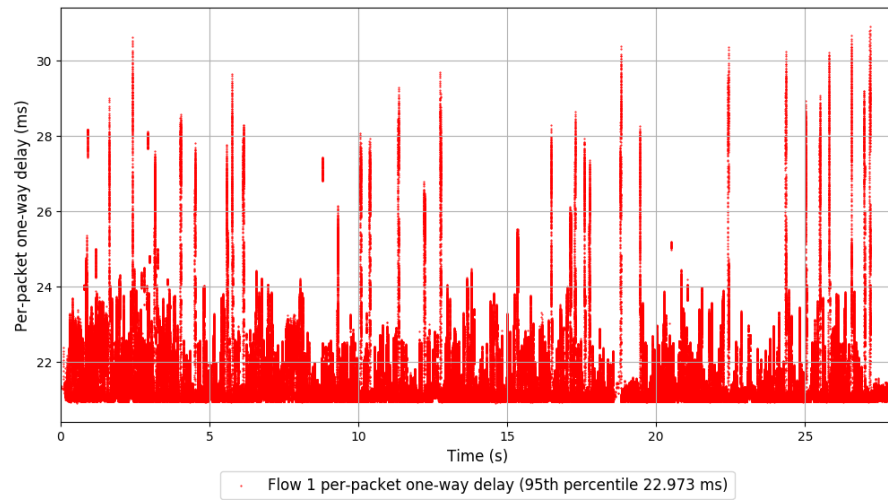
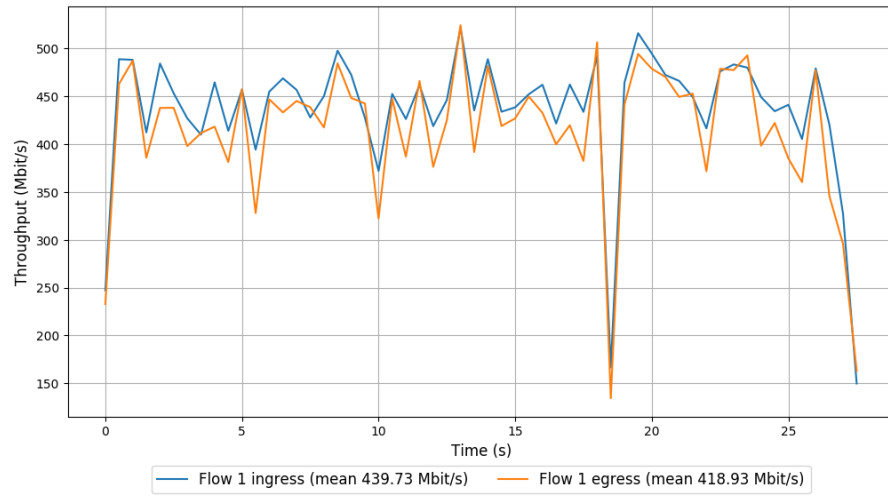
-- Flow 1:

Average throughput: 418.93 Mbit/s

95th percentile per-packet one-way delay: 22.973 ms

Loss rate: 4.77%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:02:44 +0000

End at: Thu, 29 Jun 2017 22:03:14 +0000

Local clock offset: -0.191 ms

Remote clock offset: -2.51 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:37:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 447.57 Mbit/s

95th percentile per-packet one-way delay: 23.051 ms

Loss rate: 2.60%

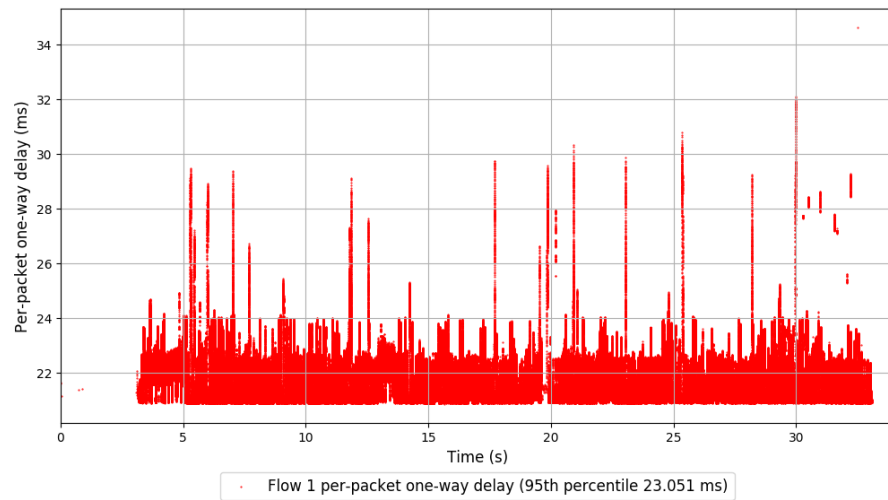
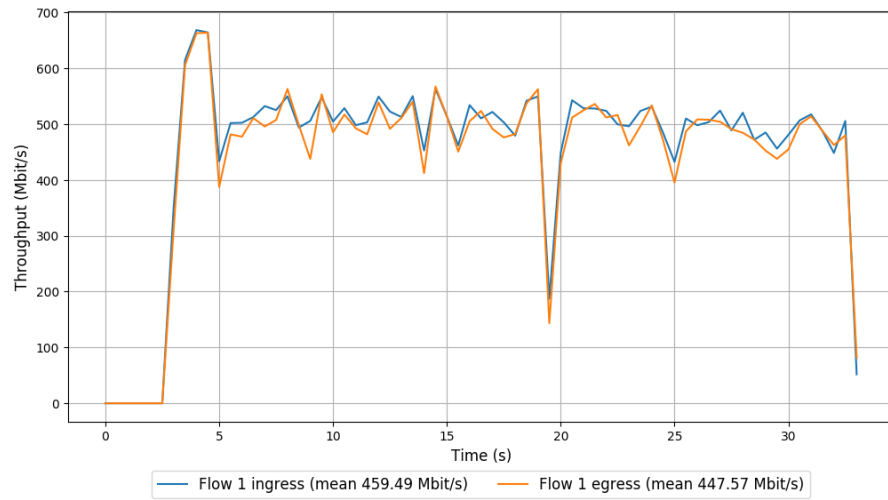
-- Flow 1:

Average throughput: 447.57 Mbit/s

95th percentile per-packet one-way delay: 23.051 ms

Loss rate: 2.60%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 18:54:44 +0000

End at: Thu, 29 Jun 2017 18:55:14 +0000

Local clock offset: 0.287 ms

Remote clock offset: -3.639 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:37:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 375.47 Mbit/s

95th percentile per-packet one-way delay: 24.048 ms

Loss rate: 0.14%

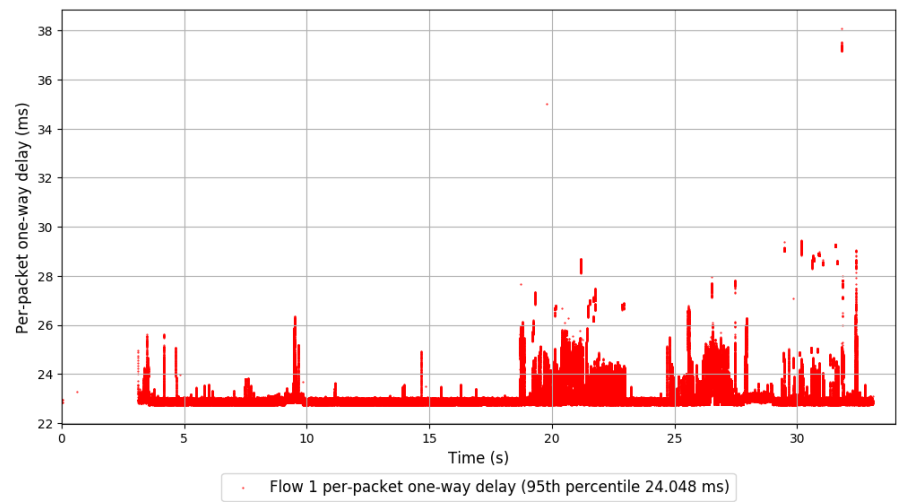
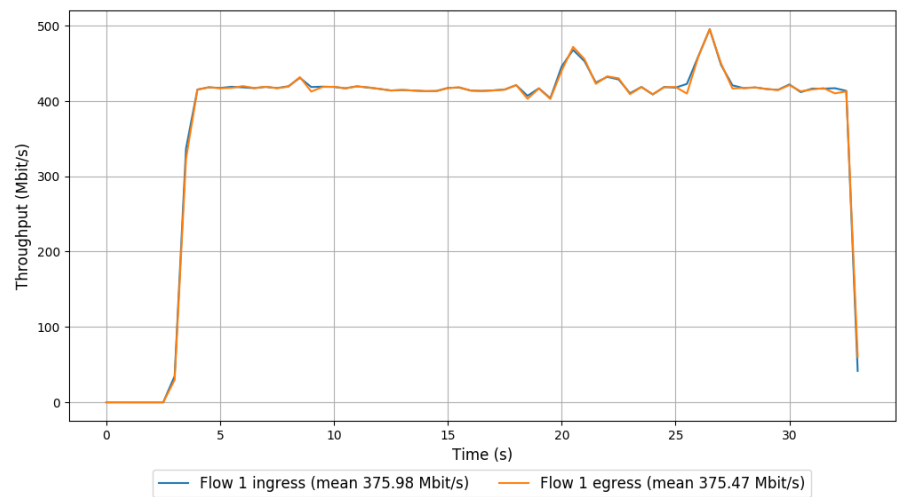
-- Flow 1:

Average throughput: 375.47 Mbit/s

95th percentile per-packet one-way delay: 24.048 ms

Loss rate: 0.14%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:14:30 +0000

End at: Thu, 29 Jun 2017 19:15:00 +0000

Local clock offset: 0.419 ms

Remote clock offset: -3.422 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:38:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 315.18 Mbit/s

95th percentile per-packet one-way delay: 24.178 ms

Loss rate: 1.58%

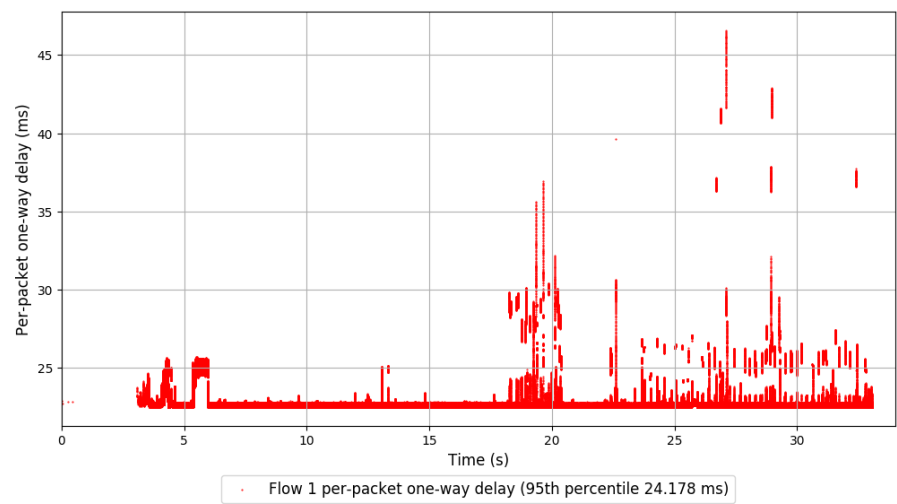
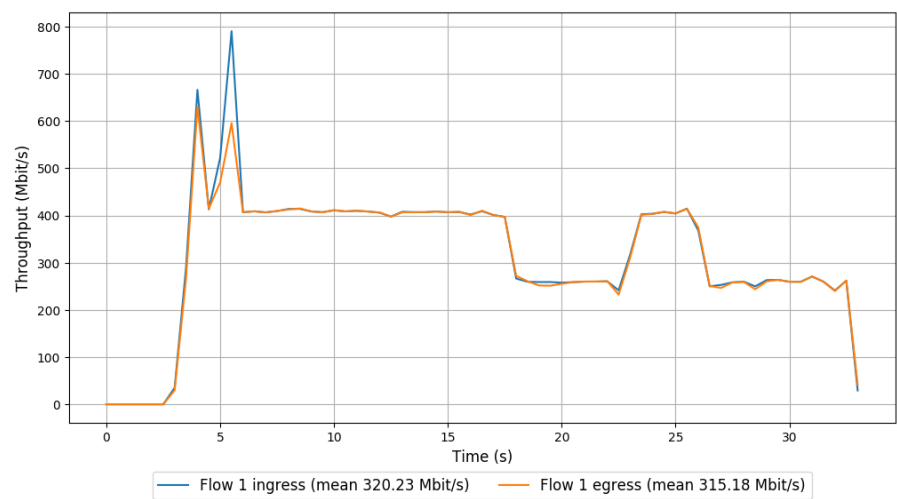
-- Flow 1:

Average throughput: 315.18 Mbit/s

95th percentile per-packet one-way delay: 24.178 ms

Loss rate: 1.58%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:34:13 +0000

End at: Thu, 29 Jun 2017 19:34:43 +0000

Local clock offset: 0.628 ms

Remote clock offset: -2.988 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:38:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 341.98 Mbit/s

95th percentile per-packet one-way delay: 23.307 ms

Loss rate: 0.85%

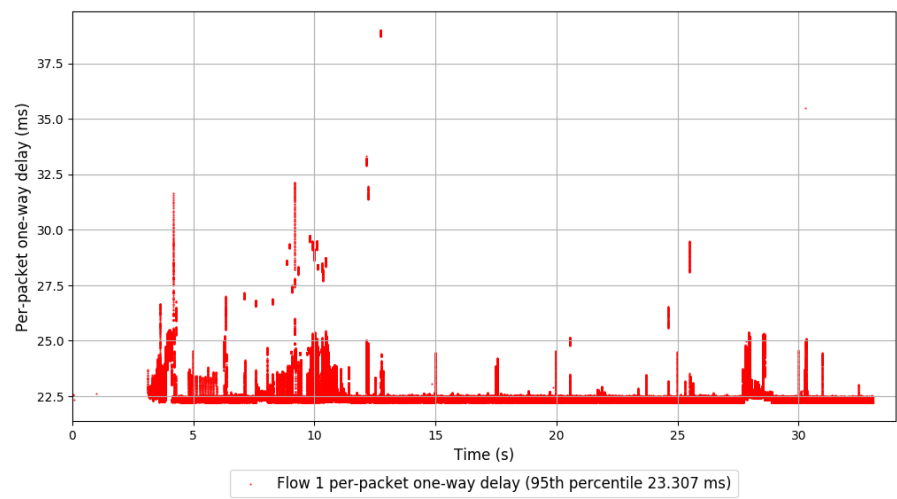
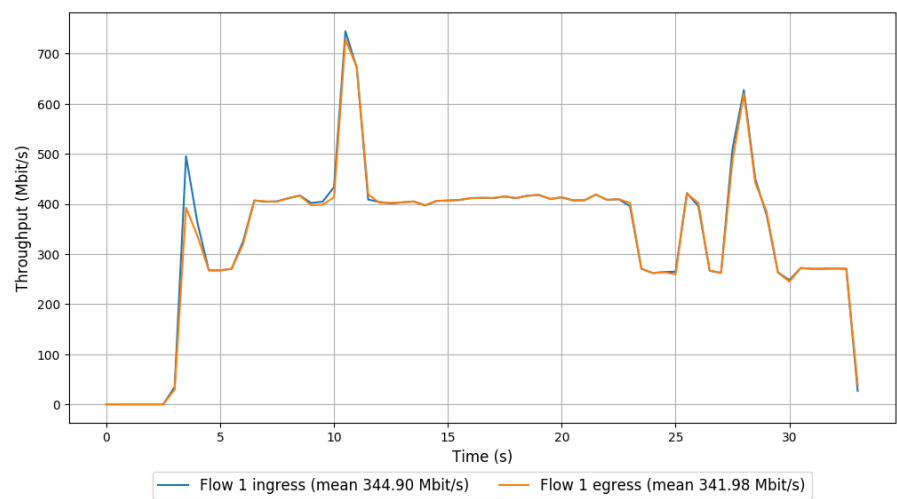
-- Flow 1:

Average throughput: 341.98 Mbit/s

95th percentile per-packet one-way delay: 23.307 ms

Loss rate: 0.85%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 19:54:01 +0000

End at: Thu, 29 Jun 2017 19:54:31 +0000

Local clock offset: 0.528 ms

Remote clock offset: -2.946 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:38:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3630.375 ms

Loss rate: 0.00%

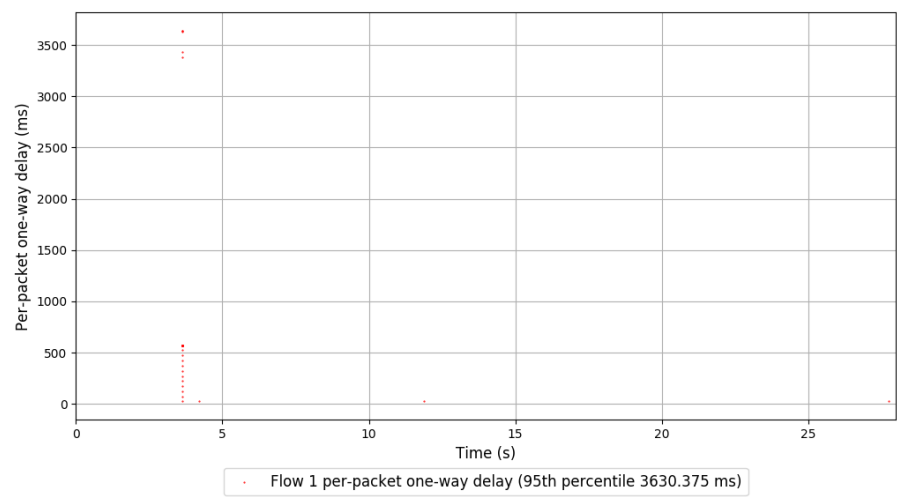
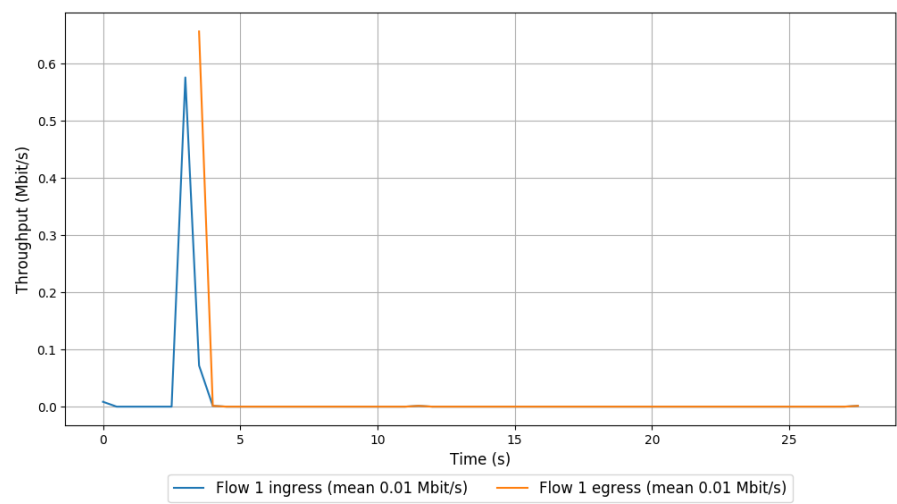
-- Flow 1:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3630.375 ms

Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:13:24 +0000

End at: Thu, 29 Jun 2017 20:13:54 +0000

Local clock offset: 0.5 ms

Remote clock offset: -2.602 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:39:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 319.60 Mbit/s

95th percentile per-packet one-way delay: 22.059 ms

Loss rate: 0.14%

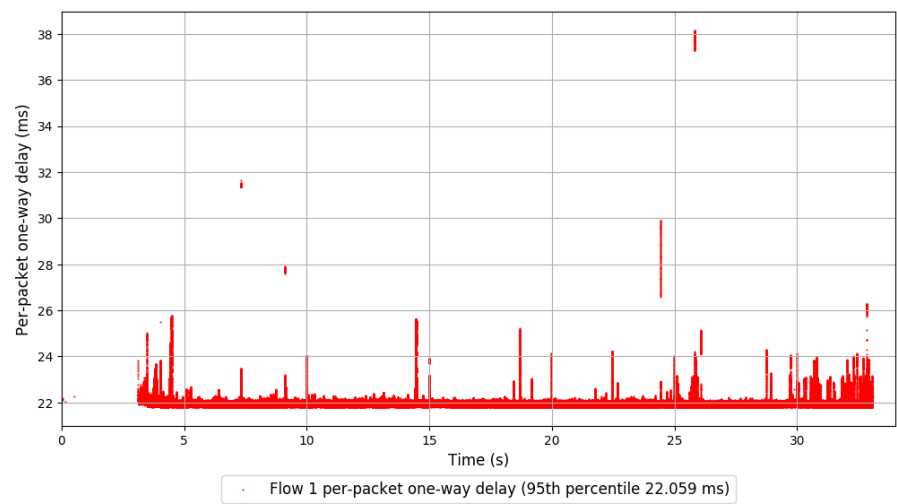
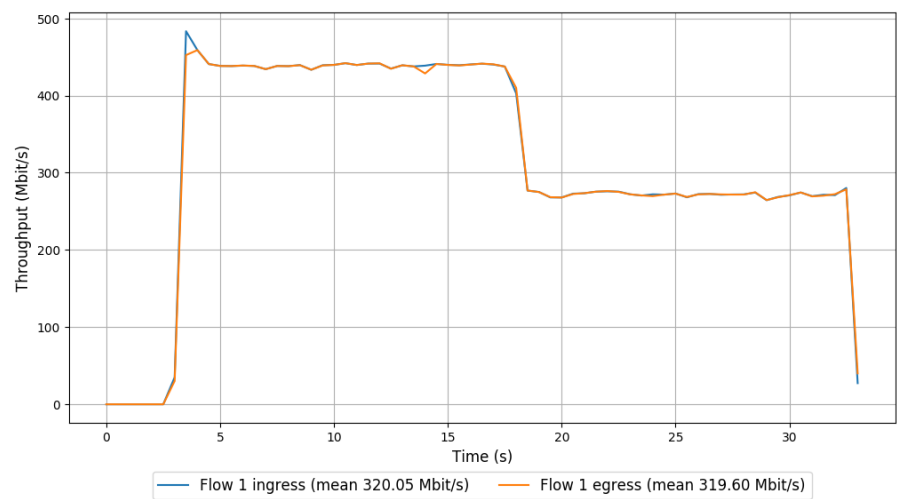
-- Flow 1:

Average throughput: 319.60 Mbit/s

95th percentile per-packet one-way delay: 22.059 ms

Loss rate: 0.14%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:33:10 +0000

End at: Thu, 29 Jun 2017 20:33:40 +0000

Local clock offset: 0.373 ms

Remote clock offset: -2.648 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:39:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 359.96 Mbit/s

95th percentile per-packet one-way delay: 21.971 ms

Loss rate: 0.06%

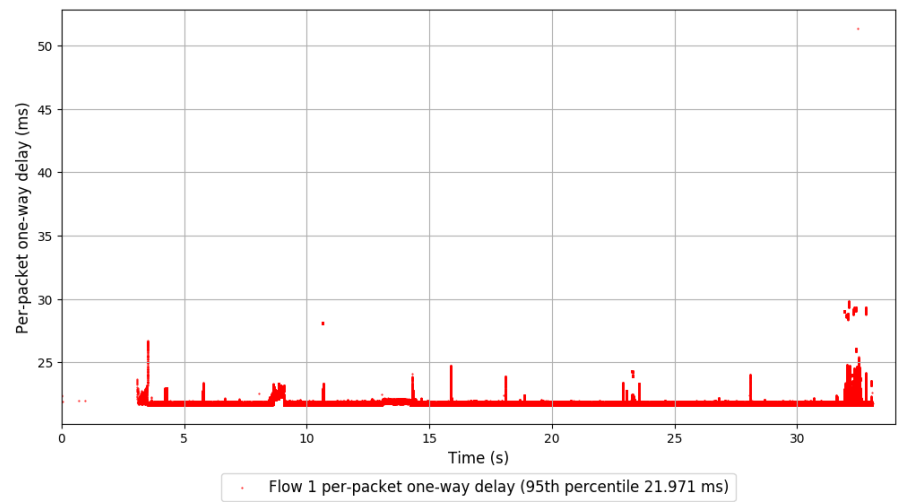
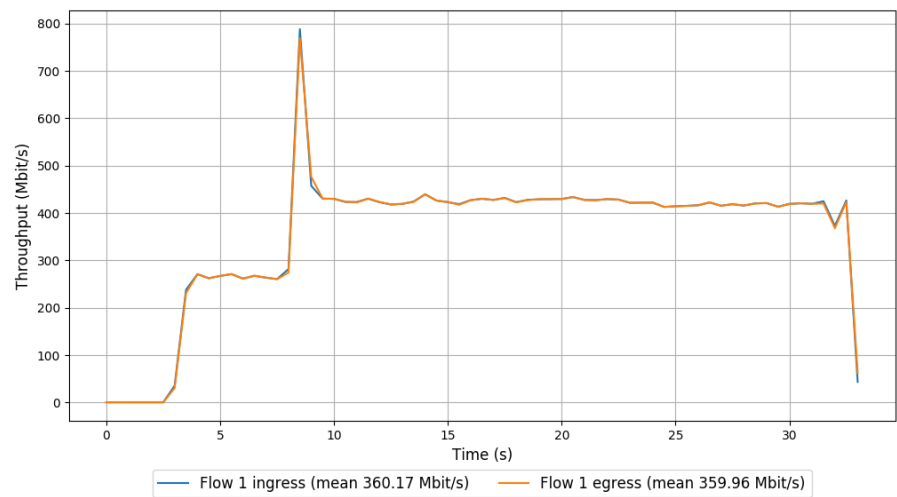
-- Flow 1:

Average throughput: 359.96 Mbit/s

95th percentile per-packet one-way delay: 21.971 ms

Loss rate: 0.06%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:53:13 +0000

End at: Thu, 29 Jun 2017 20:53:43 +0000

Local clock offset: 0.211 ms

Remote clock offset: -2.71 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:39:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3123.183 ms

Loss rate: 0.00%

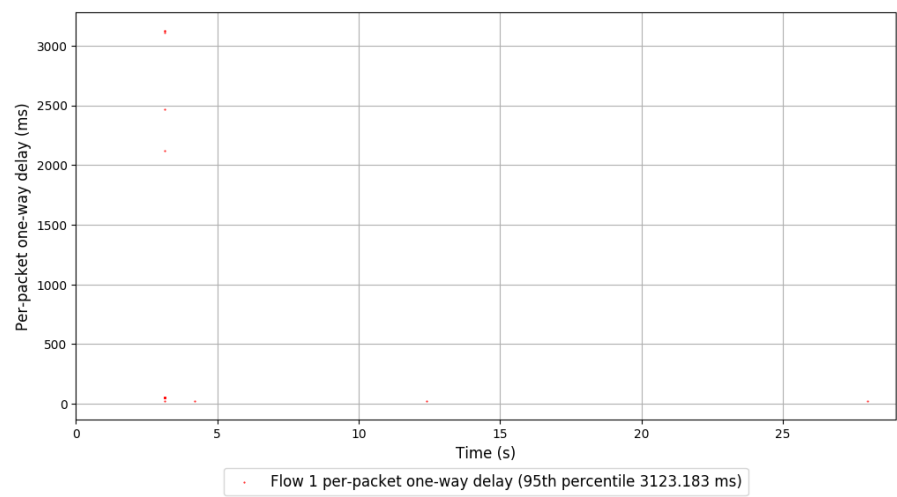
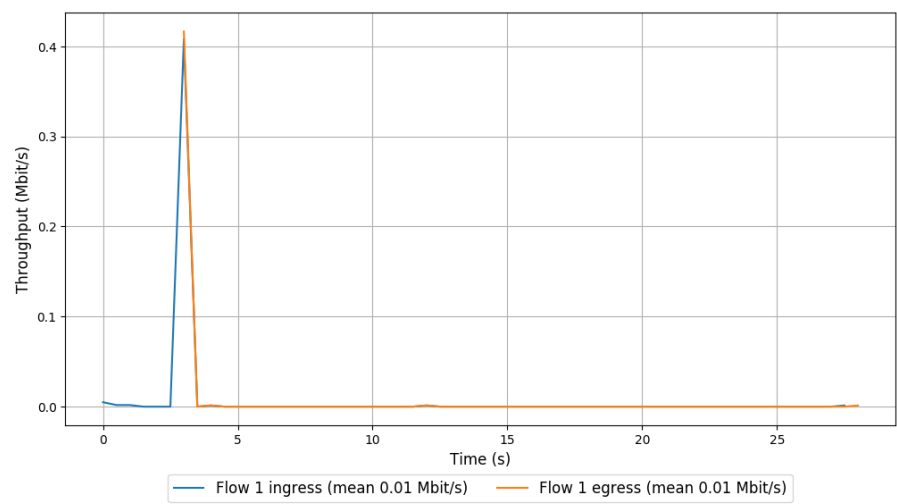
-- Flow 1:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 3123.183 ms

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:12:38 +0000

End at: Thu, 29 Jun 2017 21:13:08 +0000

Local clock offset: 0.047 ms

Remote clock offset: -2.596 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:39:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 289.61 Mbit/s

95th percentile per-packet one-way delay: 21.541 ms

Loss rate: 0.25%

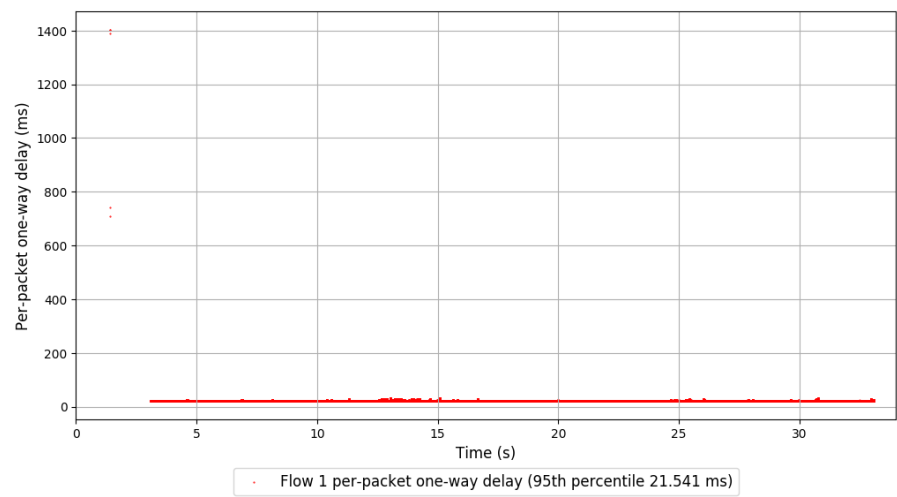
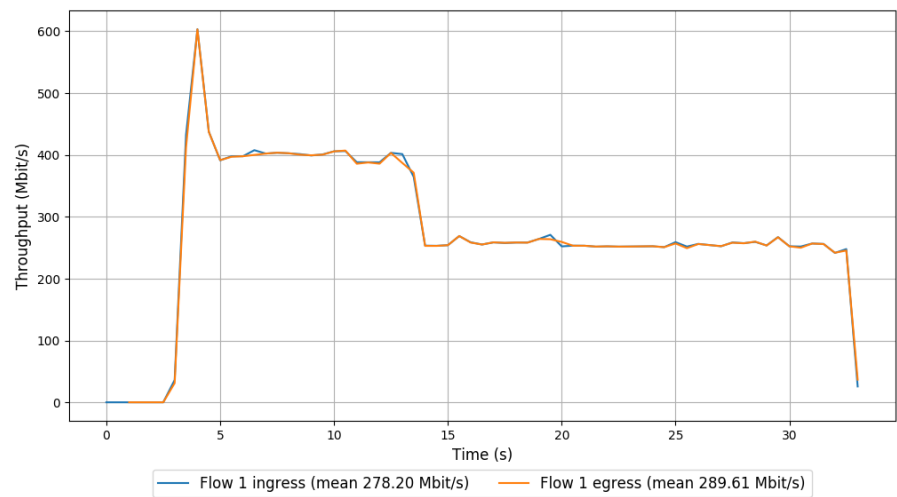
-- Flow 1:

Average throughput: 289.61 Mbit/s

95th percentile per-packet one-way delay: 21.541 ms

Loss rate: 0.25%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:32:21 +0000

End at: Thu, 29 Jun 2017 21:32:51 +0000

Local clock offset: -0.115 ms

Remote clock offset: -2.542 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:40:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 424.61 Mbit/s

95th percentile per-packet one-way delay: 22.541 ms

Loss rate: 0.49%

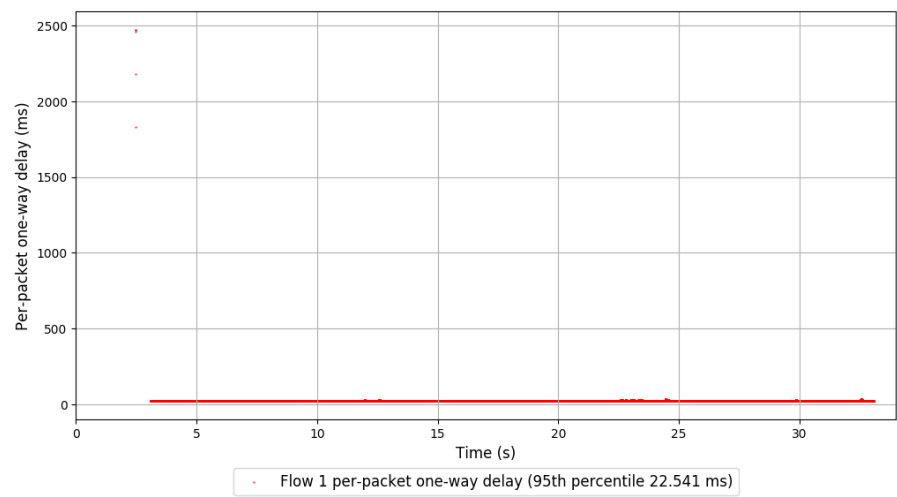
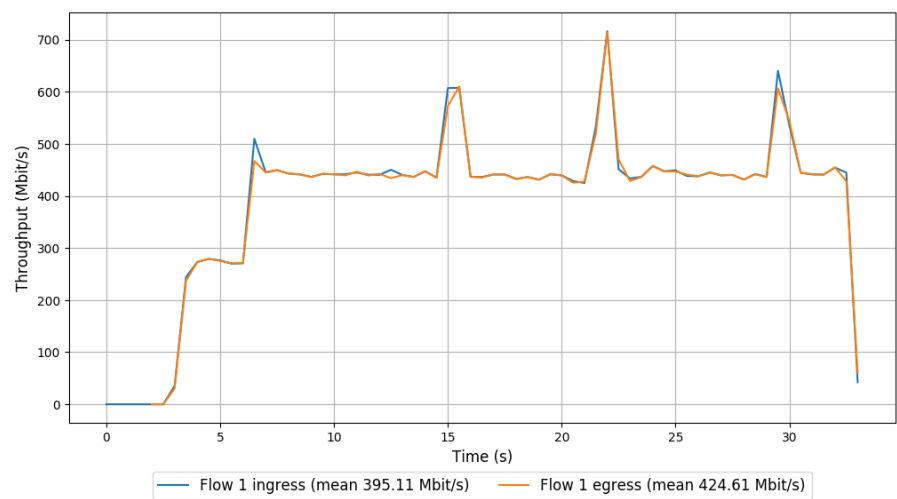
-- Flow 1:

Average throughput: 424.61 Mbit/s

95th percentile per-packet one-way delay: 22.541 ms

Loss rate: 0.49%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:52:07 +0000

End at: Thu, 29 Jun 2017 21:52:37 +0000

Local clock offset: -0.272 ms

Remote clock offset: -2.418 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:40:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 389.95 Mbit/s

95th percentile per-packet one-way delay: 22.406 ms

Loss rate: 1.24%

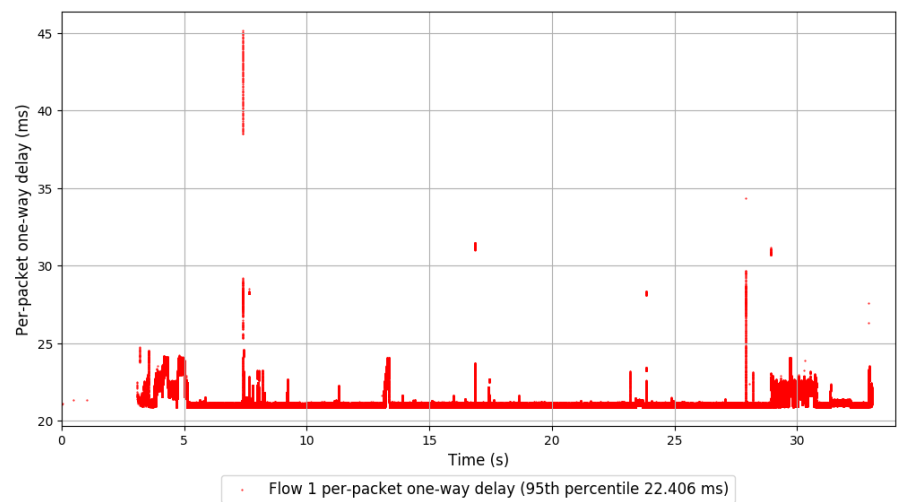
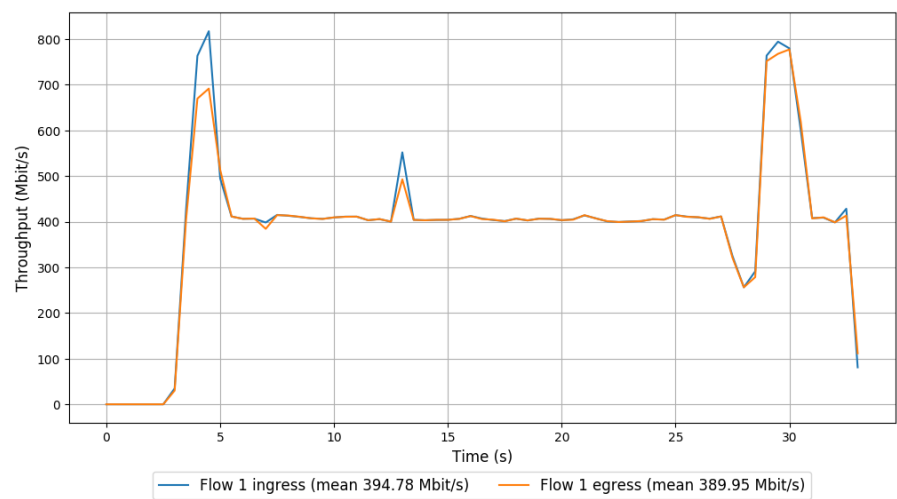
-- Flow 1:

Average throughput: 389.95 Mbit/s

95th percentile per-packet one-way delay: 22.406 ms

Loss rate: 1.24%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Thu, 29 Jun 2017 18:53:28 +0000

End at: Thu, 29 Jun 2017 18:53:58 +0000

Local clock offset: 0.375 ms

Remote clock offset: -3.705 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:40:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.49 Mbit/s

95th percentile per-packet one-way delay: 22.899 ms

Loss rate: 0.00%

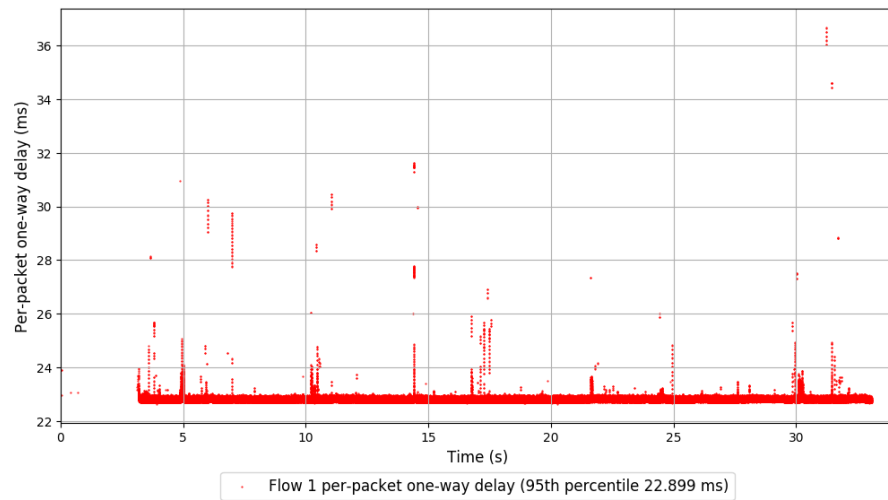
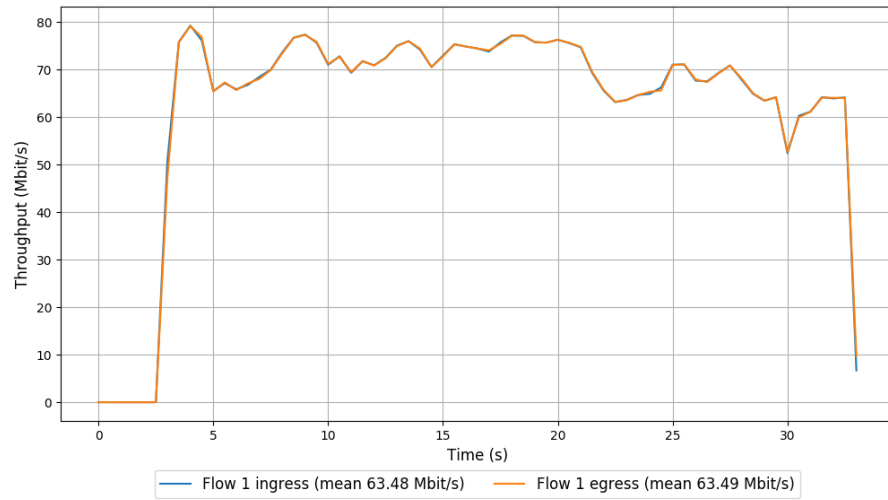
-- Flow 1:

Average throughput: 63.49 Mbit/s

95th percentile per-packet one-way delay: 22.899 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:13:13 +0000

End at: Thu, 29 Jun 2017 19:13:43 +0000

Local clock offset: 0.394 ms

Remote clock offset: -3.329 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:41:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.14 Mbit/s

95th percentile per-packet one-way delay: 22.707 ms

Loss rate: 0.00%

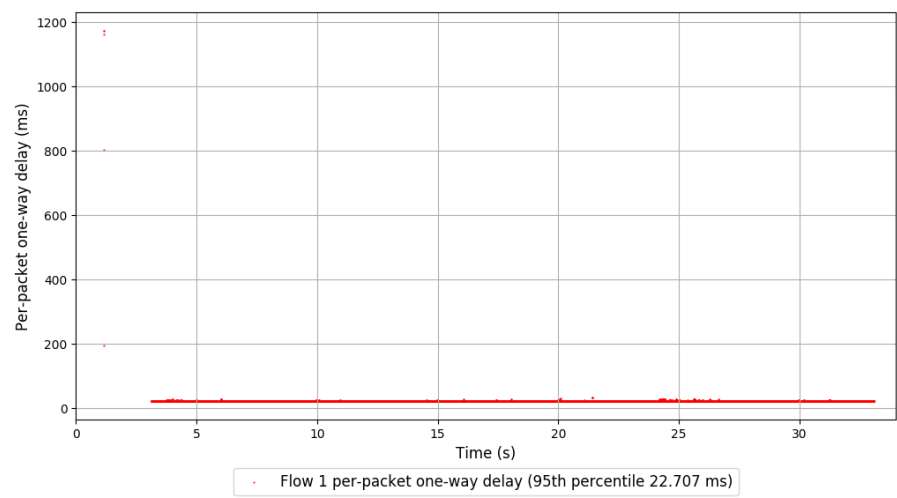
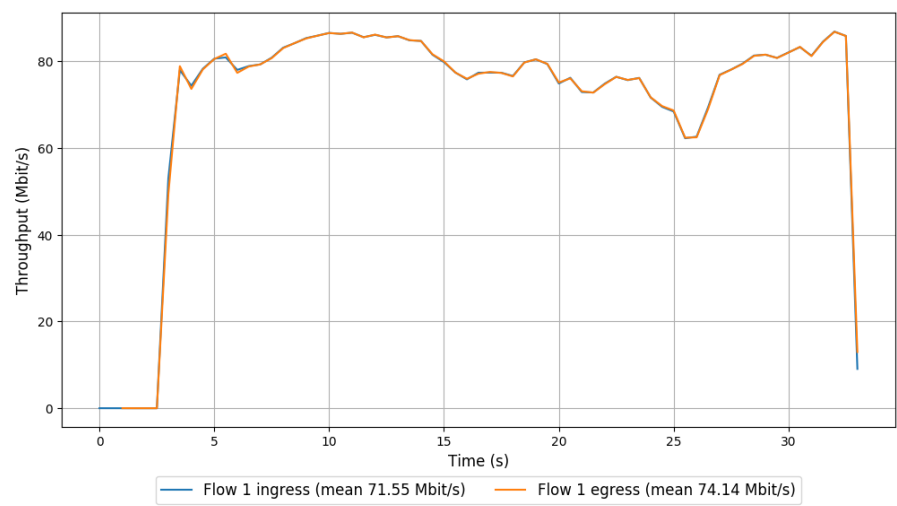
-- Flow 1:

Average throughput: 74.14 Mbit/s

95th percentile per-packet one-way delay: 22.707 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:32:56 +0000

End at: Thu, 29 Jun 2017 19:33:26 +0000

Local clock offset: 0.527 ms

Remote clock offset: -2.986 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:41:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 22.370 ms

Loss rate: 0.00%

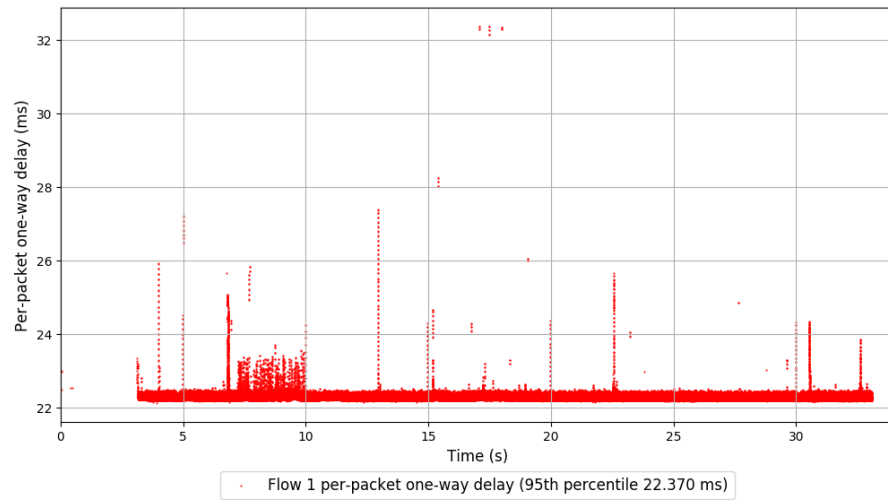
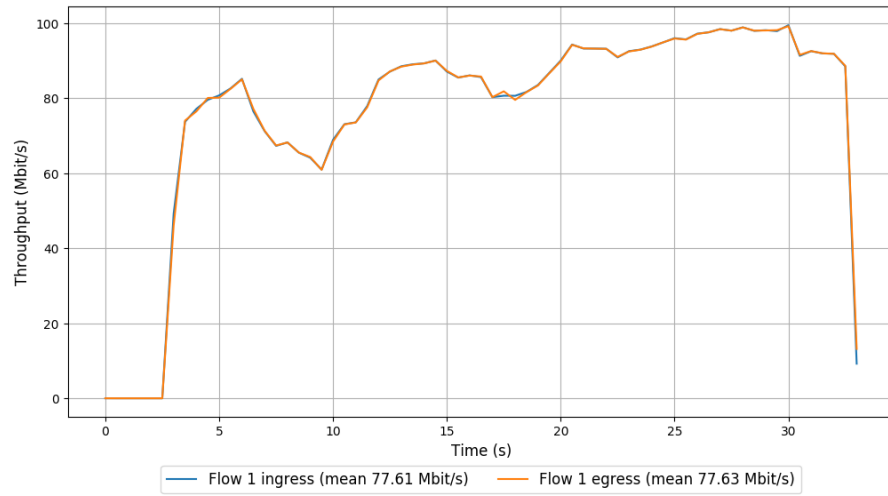
-- Flow 1:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 22.370 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Thu, 29 Jun 2017 19:52:45 +0000

End at: Thu, 29 Jun 2017 19:53:15 +0000

Local clock offset: 0.622 ms

Remote clock offset: -2.999 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:41:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 22.406 ms

Loss rate: 0.01%

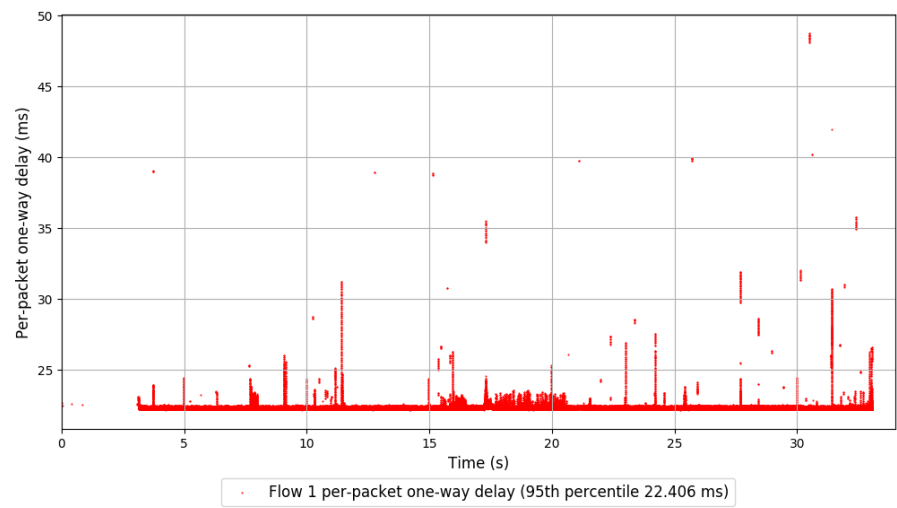
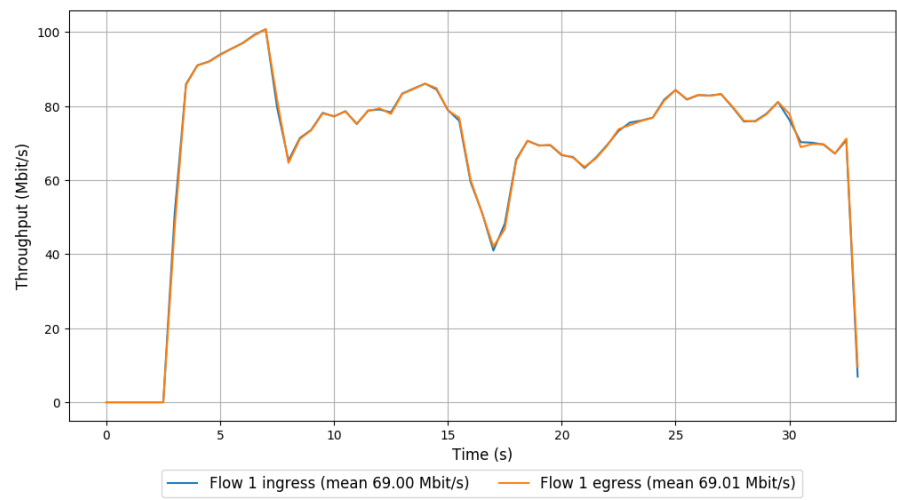
-- Flow 1:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 22.406 ms

Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:12:07 +0000

End at: Thu, 29 Jun 2017 20:12:37 +0000

Local clock offset: 0.426 ms

Remote clock offset: -2.719 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:41:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.87 Mbit/s

95th percentile per-packet one-way delay: 21.991 ms

Loss rate: 0.01%

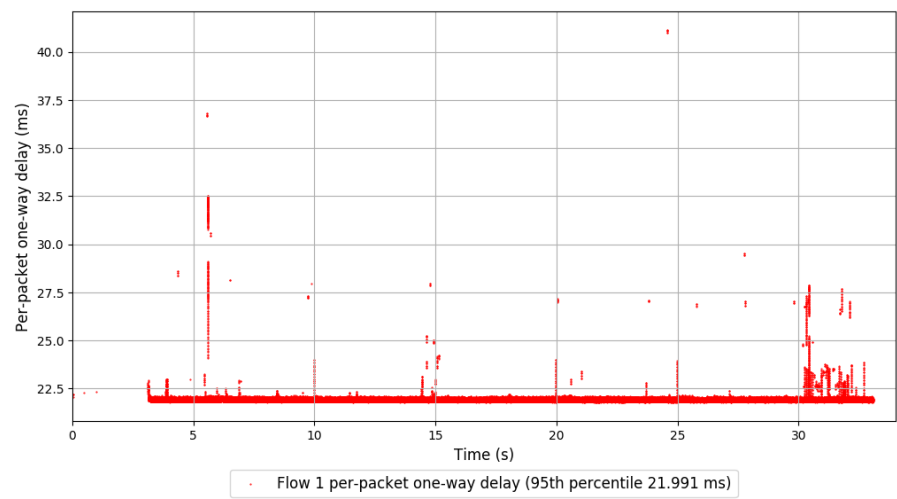
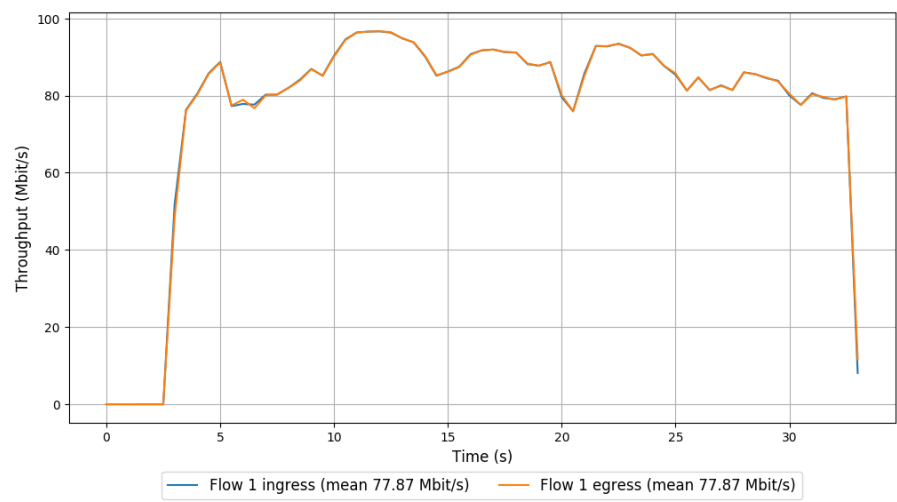
-- Flow 1:

Average throughput: 77.87 Mbit/s

95th percentile per-packet one-way delay: 21.991 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:31:53 +0000

End at: Thu, 29 Jun 2017 20:32:23 +0000

Local clock offset: 0.264 ms

Remote clock offset: -2.669 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:41:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.81 Mbit/s

95th percentile per-packet one-way delay: 21.819 ms

Loss rate: 0.00%

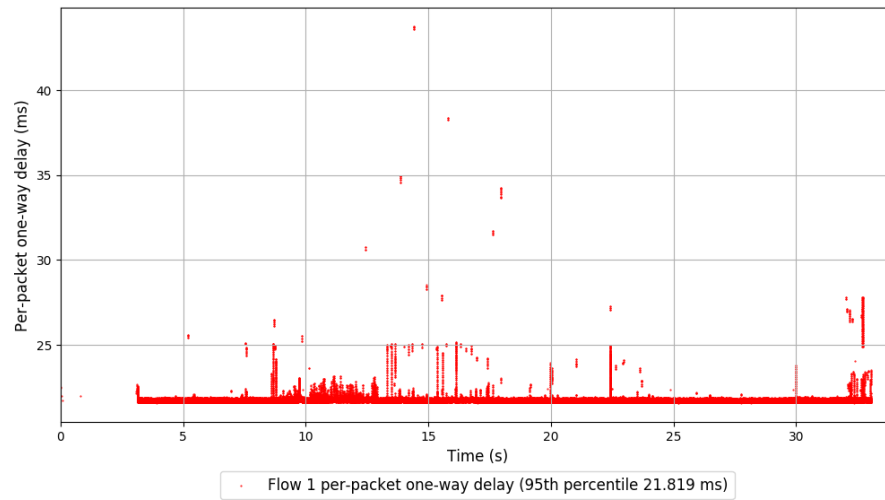
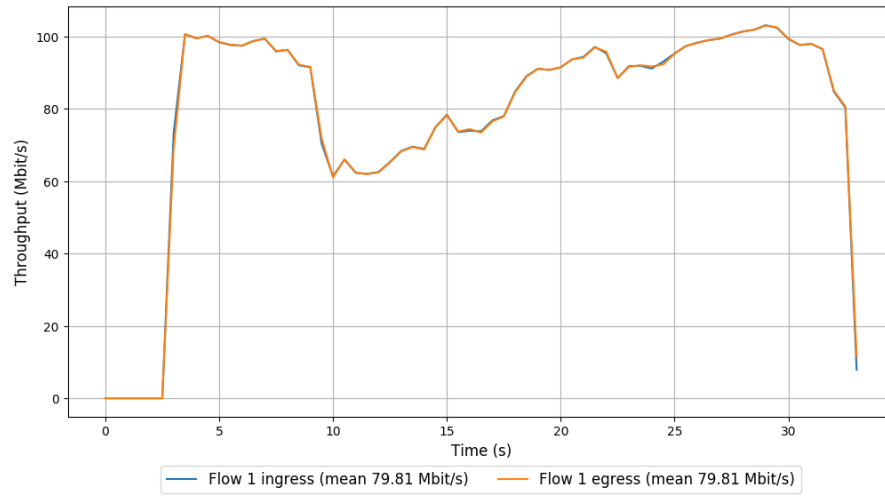
-- Flow 1:

Average throughput: 79.81 Mbit/s

95th percentile per-packet one-way delay: 21.819 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Thu, 29 Jun 2017 20:51:57 +0000

End at: Thu, 29 Jun 2017 20:52:27 +0000

Local clock offset: 0.224 ms

Remote clock offset: -2.706 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.13 Mbit/s

95th percentile per-packet one-way delay: 21.696 ms

Loss rate: 0.00%

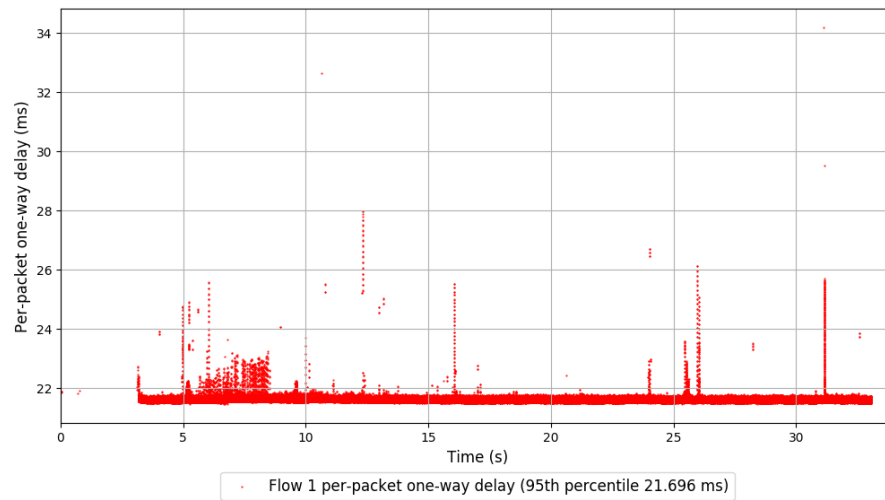
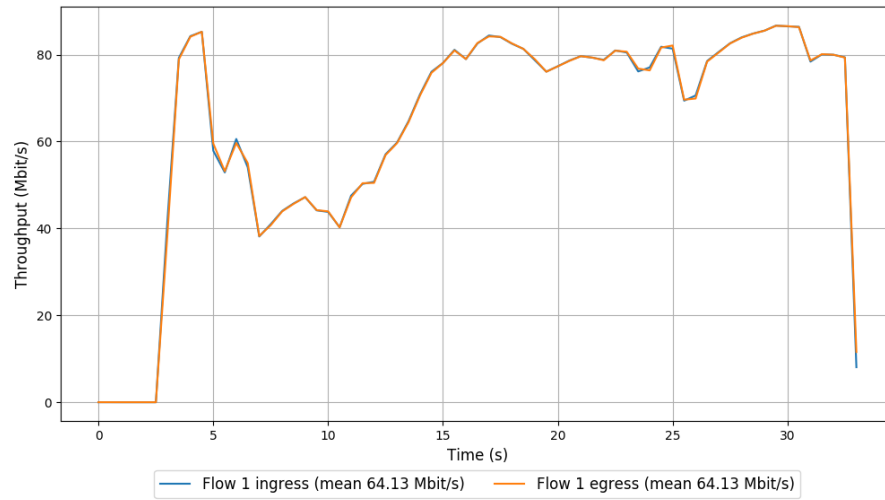
-- Flow 1:

Average throughput: 64.13 Mbit/s

95th percentile per-packet one-way delay: 21.696 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:11:21 +0000

End at: Thu, 29 Jun 2017 21:11:51 +0000

Local clock offset: 0.056 ms

Remote clock offset: -2.516 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.59 Mbit/s

95th percentile per-packet one-way delay: 21.472 ms

Loss rate: 0.00%

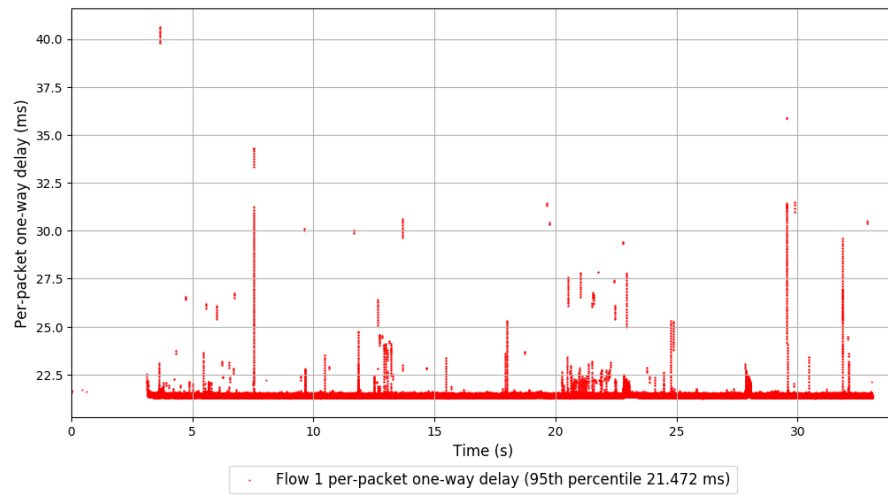
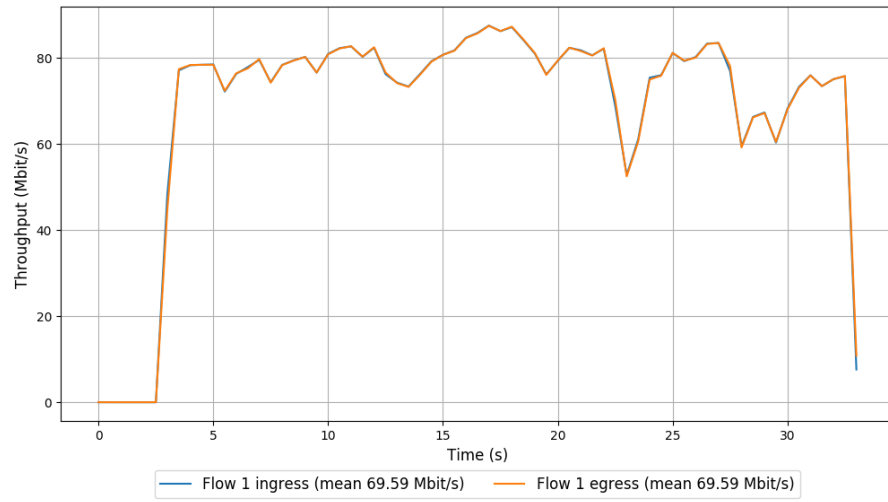
-- Flow 1:

Average throughput: 69.59 Mbit/s

95th percentile per-packet one-way delay: 21.472 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:31:05 +0000

End at: Thu, 29 Jun 2017 21:31:35 +0000

Local clock offset: -0.035 ms

Remote clock offset: -2.558 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.94 Mbit/s

95th percentile per-packet one-way delay: 21.321 ms

Loss rate: 0.00%

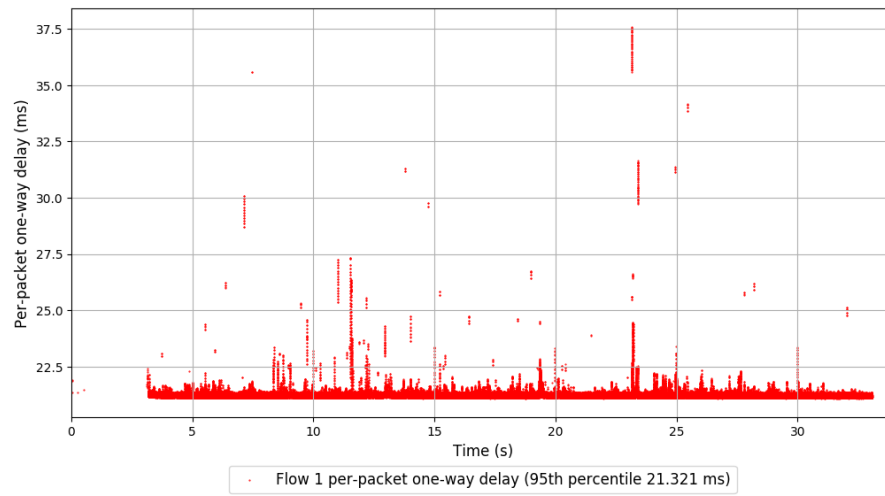
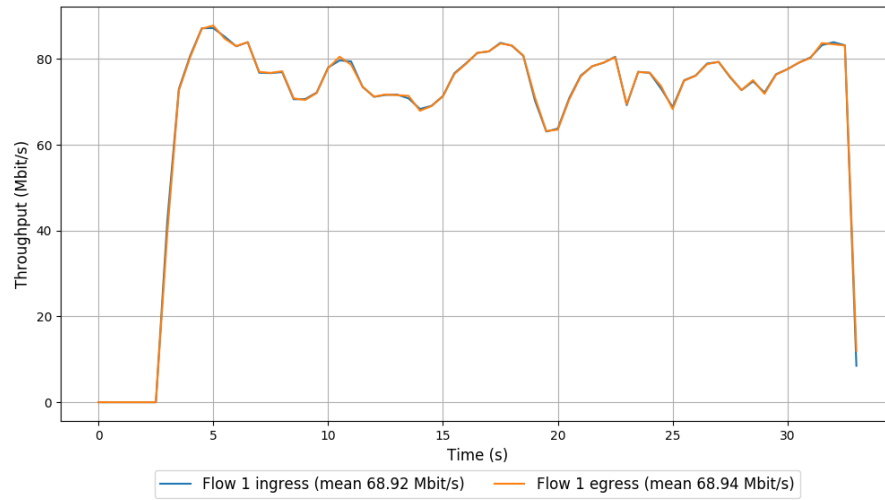
-- Flow 1:

Average throughput: 68.94 Mbit/s

95th percentile per-packet one-way delay: 21.321 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Thu, 29 Jun 2017 21:50:52 +0000

End at: Thu, 29 Jun 2017 21:51:22 +0000

Local clock offset: -0.177 ms

Remote clock offset: -2.473 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.48 Mbit/s

95th percentile per-packet one-way delay: 21.072 ms

Loss rate: 0.00%

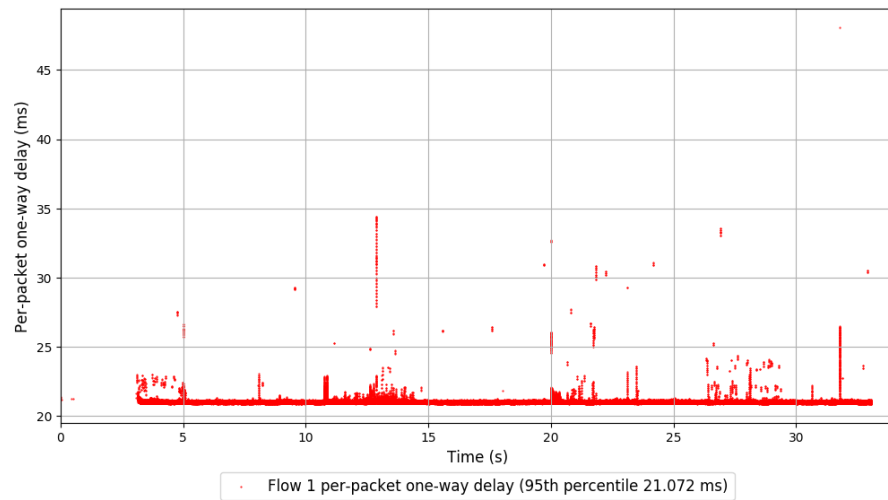
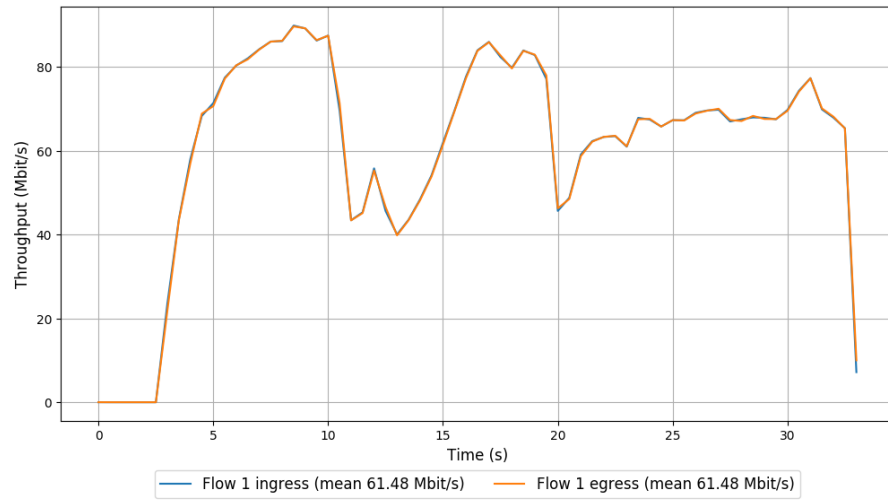
-- Flow 1:

Average throughput: 61.48 Mbit/s

95th percentile per-packet one-way delay: 21.072 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:10:45 +0000

End at: Thu, 29 Jun 2017 19:11:15 +0000

Local clock offset: 0.477 ms

Remote clock offset: -3.482 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 171.11 Mbit/s

95th percentile per-packet one-way delay: 23.160 ms

Loss rate: 0.11%

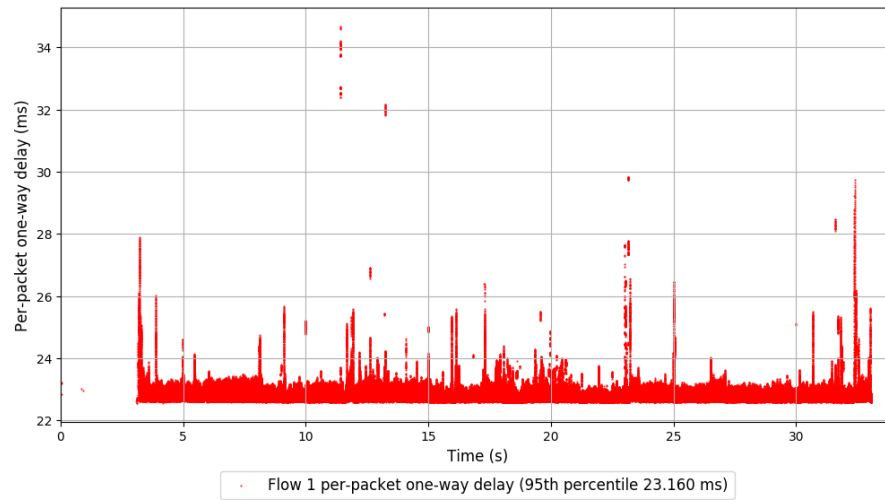
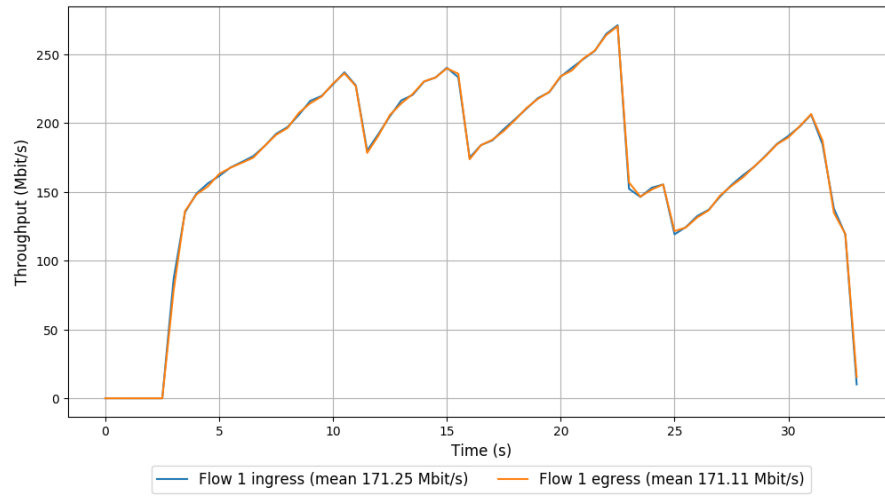
-- Flow 1:

Average throughput: 171.11 Mbit/s

95th percentile per-packet one-way delay: 23.160 ms

Loss rate: 0.11%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:30:29 +0000

End at: Thu, 29 Jun 2017 19:30:59 +0000

Local clock offset: 0.615 ms

Remote clock offset: -3.008 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:42:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 136.99 Mbit/s

95th percentile per-packet one-way delay: 22.866 ms

Loss rate: 0.09%

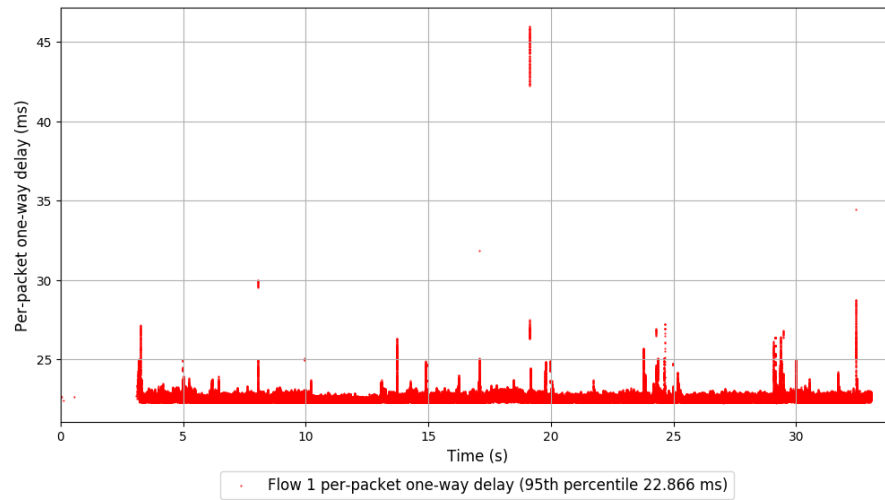
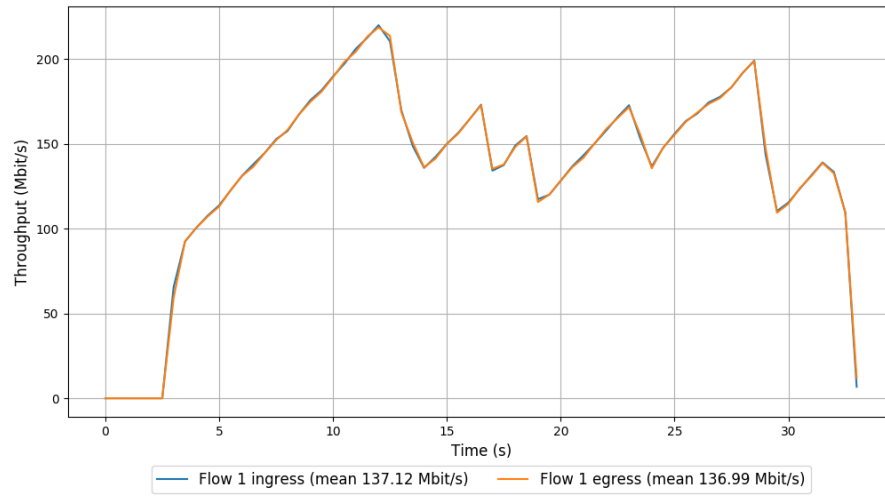
-- Flow 1:

Average throughput: 136.99 Mbit/s

95th percentile per-packet one-way delay: 22.866 ms

Loss rate: 0.09%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:50:20 +0000

End at: Thu, 29 Jun 2017 19:50:50 +0000

Local clock offset: 0.555 ms

Remote clock offset: -2.975 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 117.16 Mbit/s

95th percentile per-packet one-way delay: 22.827 ms

Loss rate: 0.21%

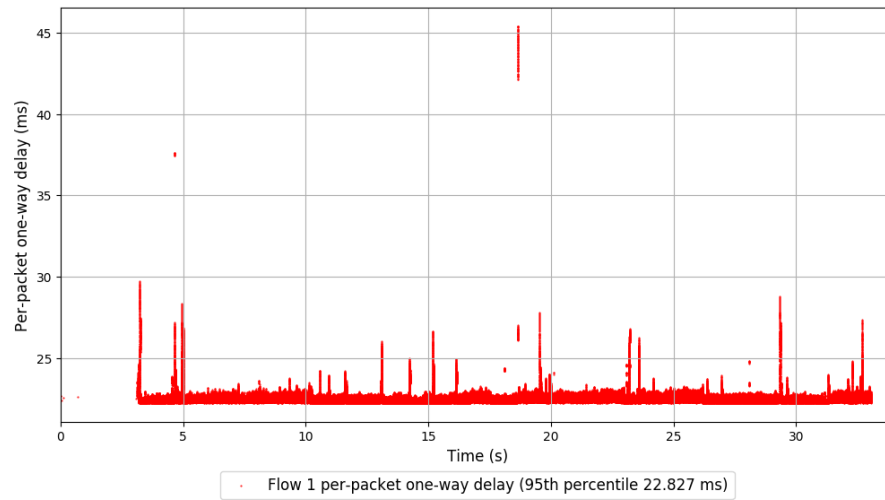
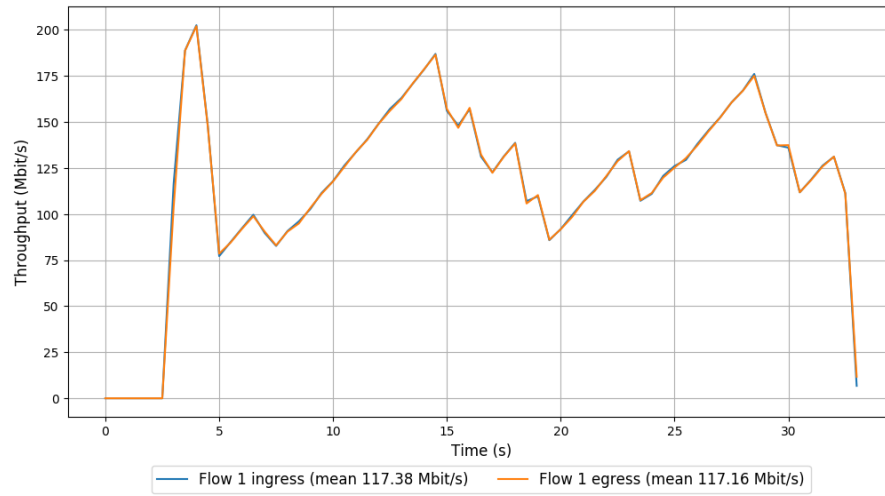
-- Flow 1:

Average throughput: 117.16 Mbit/s

95th percentile per-packet one-way delay: 22.827 ms

Loss rate: 0.21%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:09:41 +0000

End at: Thu, 29 Jun 2017 20:10:11 +0000

Local clock offset: 0.528 ms

Remote clock offset: -2.726 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 113.44 Mbit/s

95th percentile per-packet one-way delay: 22.547 ms

Loss rate: 0.11%

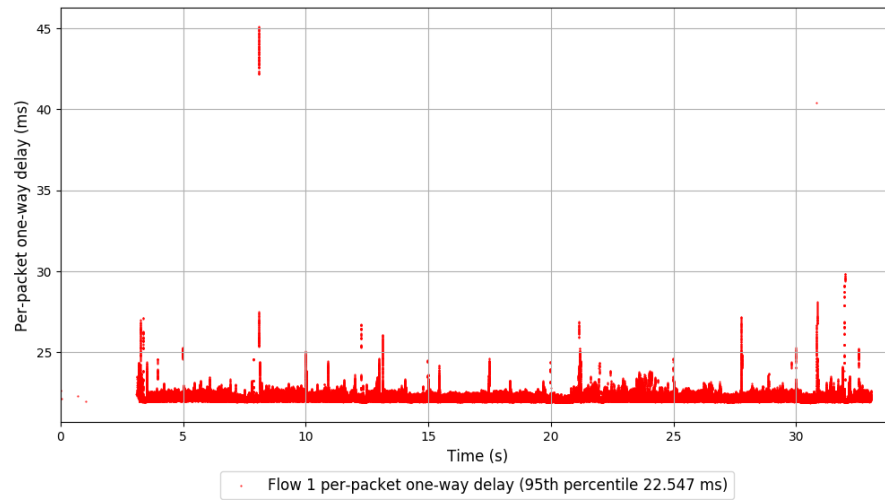
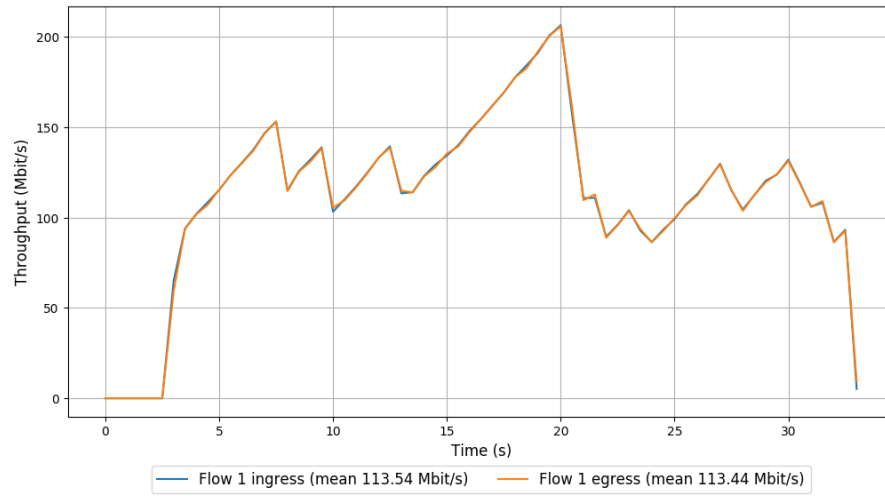
-- Flow 1:

Average throughput: 113.44 Mbit/s

95th percentile per-packet one-way delay: 22.547 ms

Loss rate: 0.11%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:29:27 +0000

End at: Thu, 29 Jun 2017 20:29:57 +0000

Local clock offset: 0.316 ms

Remote clock offset: -2.66 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 122.17 Mbit/s

95th percentile per-packet one-way delay: 22.291 ms

Loss rate: 0.14%

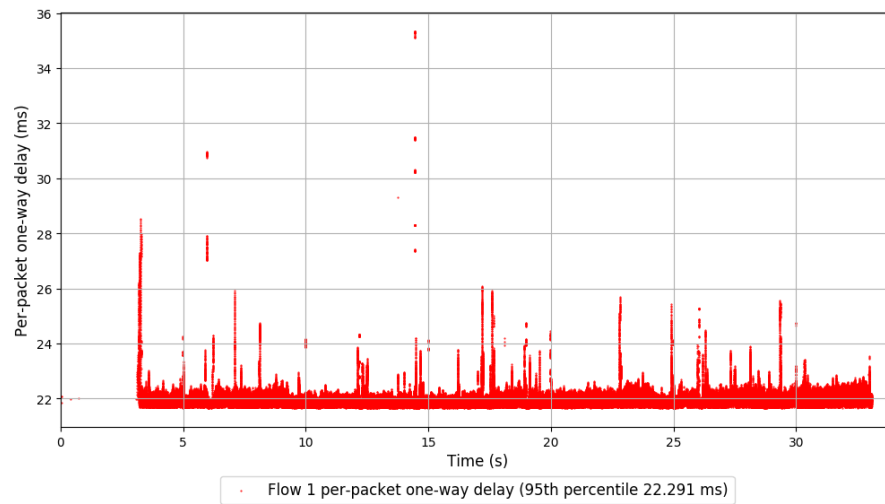
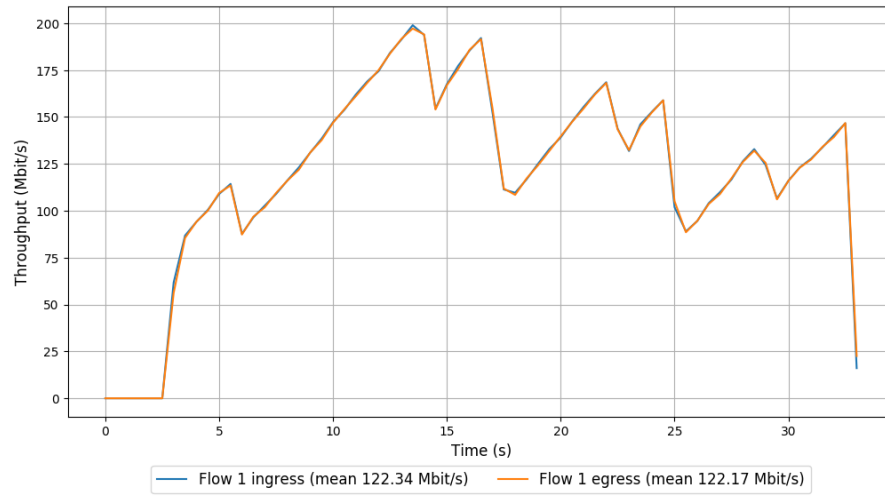
-- Flow 1:

Average throughput: 122.17 Mbit/s

95th percentile per-packet one-way delay: 22.291 ms

Loss rate: 0.14%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:49:31 +0000

End at: Thu, 29 Jun 2017 20:50:01 +0000

Local clock offset: 0.133 ms

Remote clock offset: -2.674 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 140.96 Mbit/s

95th percentile per-packet one-way delay: 22.124 ms

Loss rate: 0.14%

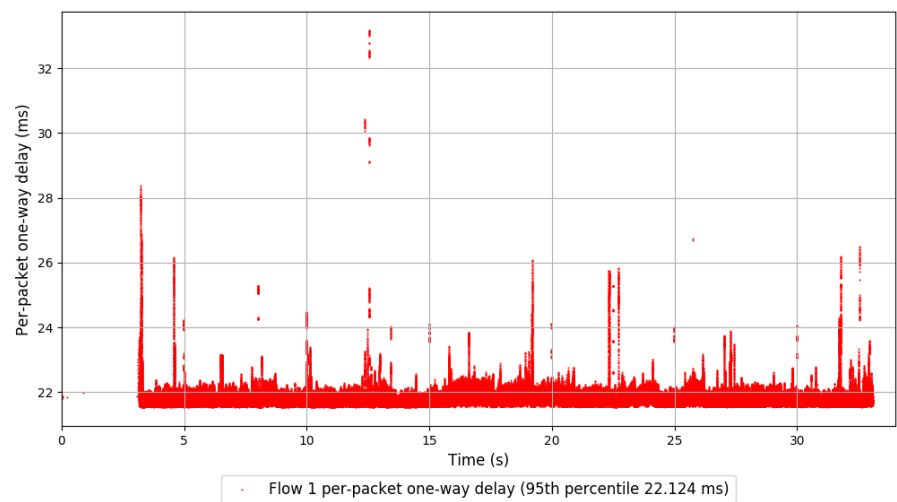
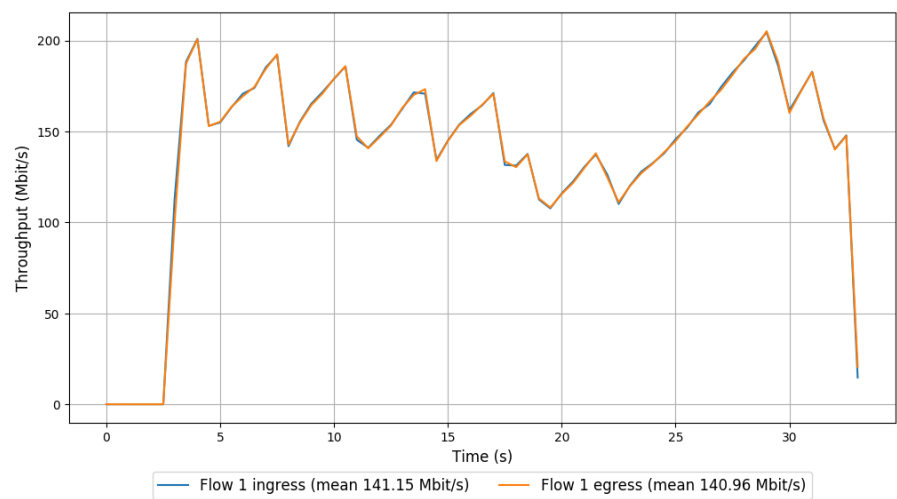
-- Flow 1:

Average throughput: 140.96 Mbit/s

95th percentile per-packet one-way delay: 22.124 ms

Loss rate: 0.14%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:08:57 +0000

End at: Thu, 29 Jun 2017 21:09:27 +0000

Local clock offset: 0.008 ms

Remote clock offset: -2.625 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 21.991 ms

Loss rate: 0.14%

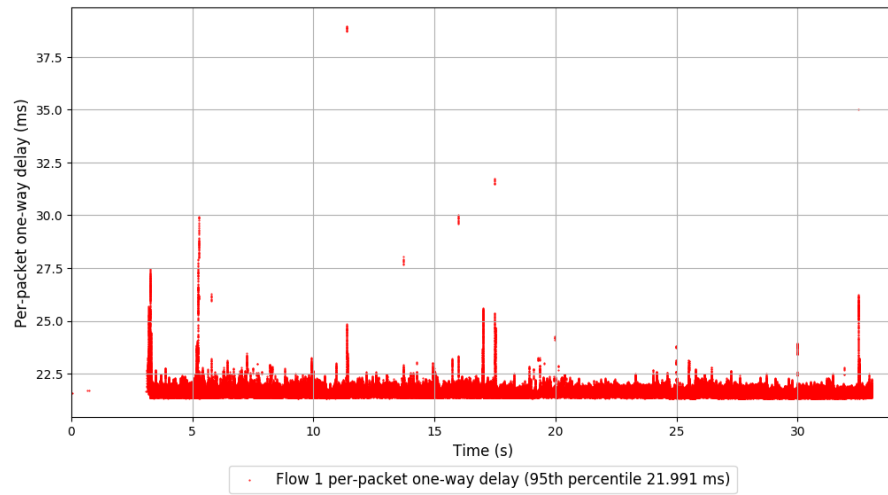
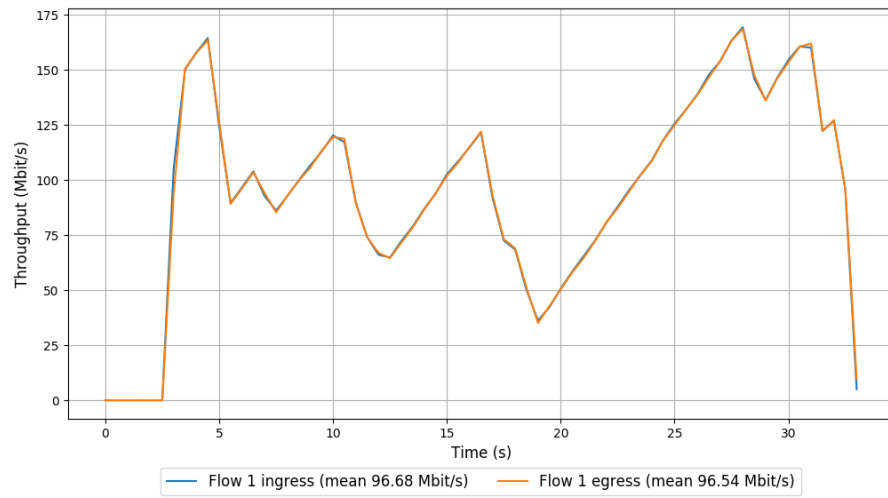
-- Flow 1:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 21.991 ms

Loss rate: 0.14%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:28:38 +0000

End at: Thu, 29 Jun 2017 21:29:08 +0000

Local clock offset: -0.111 ms

Remote clock offset: -2.532 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 147.08 Mbit/s

95th percentile per-packet one-way delay: 21.800 ms

Loss rate: 0.09%

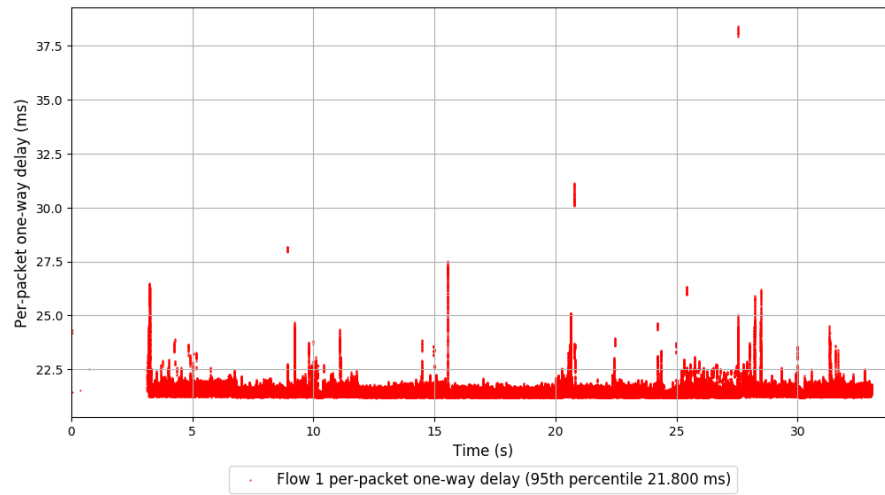
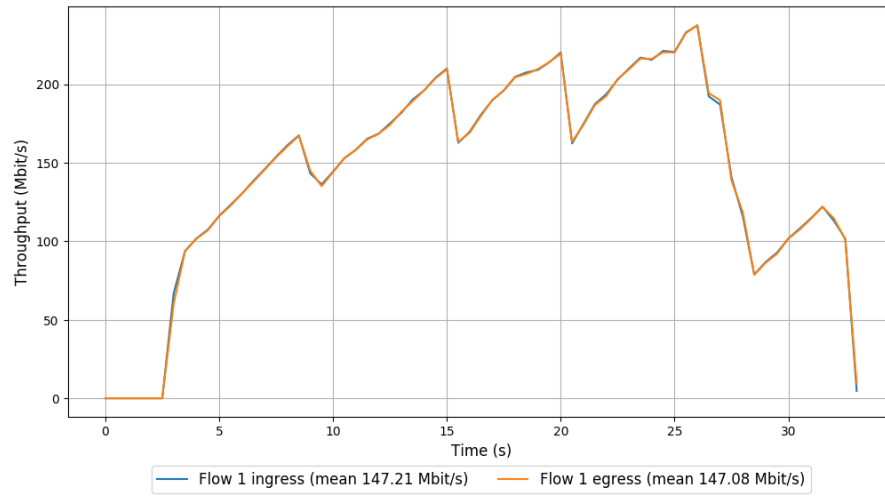
-- Flow 1:

Average throughput: 147.08 Mbit/s

95th percentile per-packet one-way delay: 21.800 ms

Loss rate: 0.09%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:48:26 +0000

End at: Thu, 29 Jun 2017 21:48:56 +0000

Local clock offset: -0.283 ms

Remote clock offset: -2.464 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:43:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 130.42 Mbit/s

95th percentile per-packet one-way delay: 21.501 ms

Loss rate: 0.10%

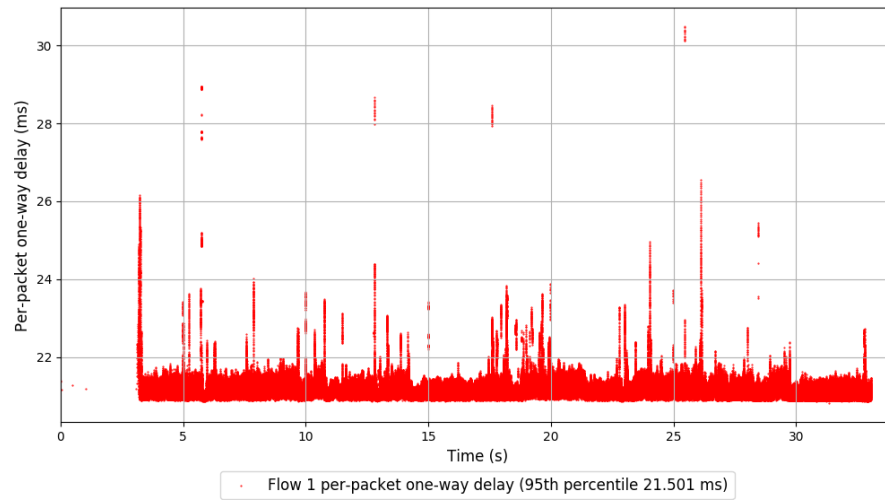
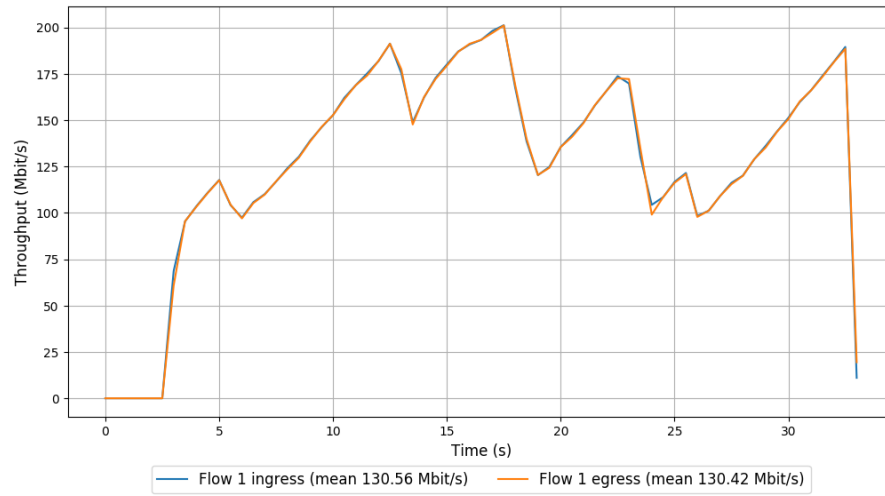
-- Flow 1:

Average throughput: 130.42 Mbit/s

95th percentile per-packet one-way delay: 21.501 ms

Loss rate: 0.10%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:08:19 +0000

End at: Thu, 29 Jun 2017 22:08:49 +0000

Local clock offset: -0.259 ms

Remote clock offset: -2.448 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 138.90 Mbit/s

95th percentile per-packet one-way delay: 21.589 ms

Loss rate: 0.12%

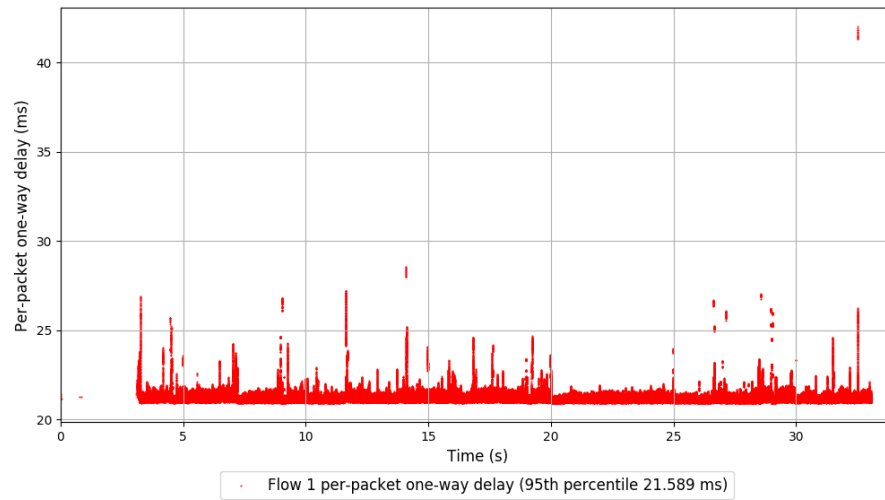
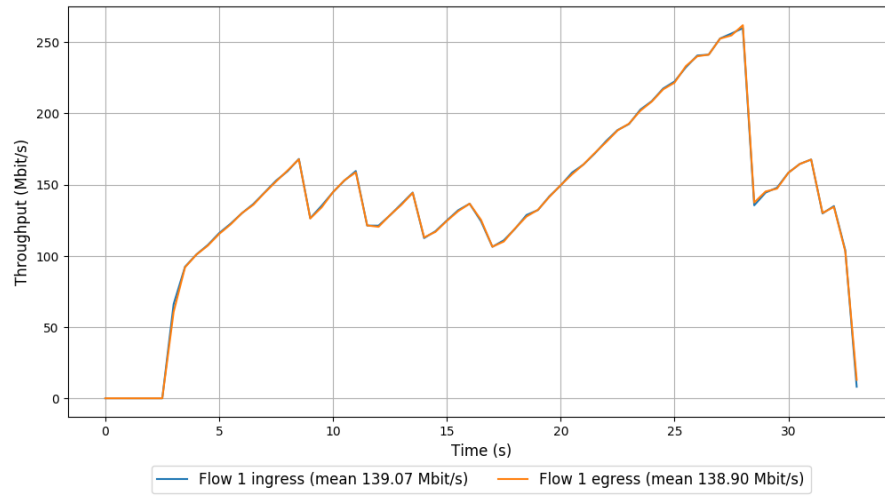
-- Flow 1:

Average throughput: 138.90 Mbit/s

95th percentile per-packet one-way delay: 21.589 ms

Loss rate: 0.12%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:03:57 +0000

End at: Thu, 29 Jun 2017 19:04:27 +0000

Local clock offset: 0.435 ms

Remote clock offset: -3.685 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.65 Mbit/s

95th percentile per-packet one-way delay: 23.465 ms

Loss rate: 0.00%

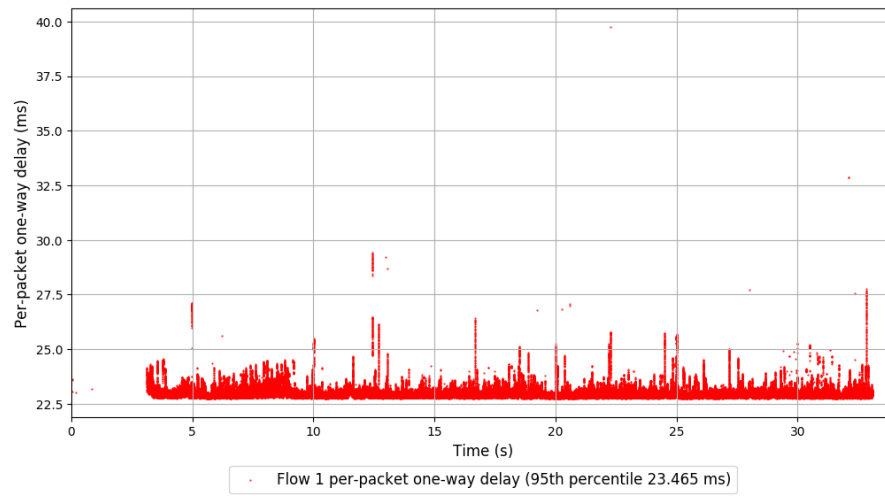
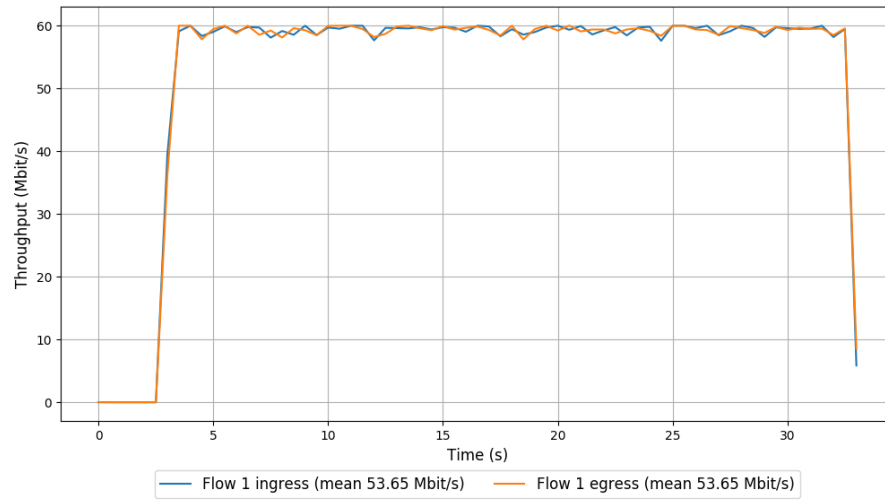
-- Flow 1:

Average throughput: 53.65 Mbit/s

95th percentile per-packet one-way delay: 23.465 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:23:37 +0000

End at: Thu, 29 Jun 2017 19:24:07 +0000

Local clock offset: 0.483 ms

Remote clock offset: -3.189 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.83 Mbit/s

95th percentile per-packet one-way delay: 23.021 ms

Loss rate: 0.00%

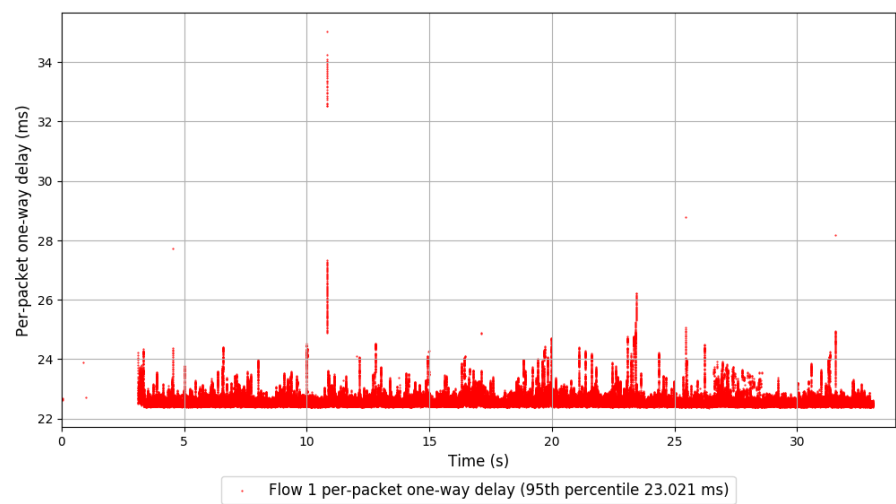
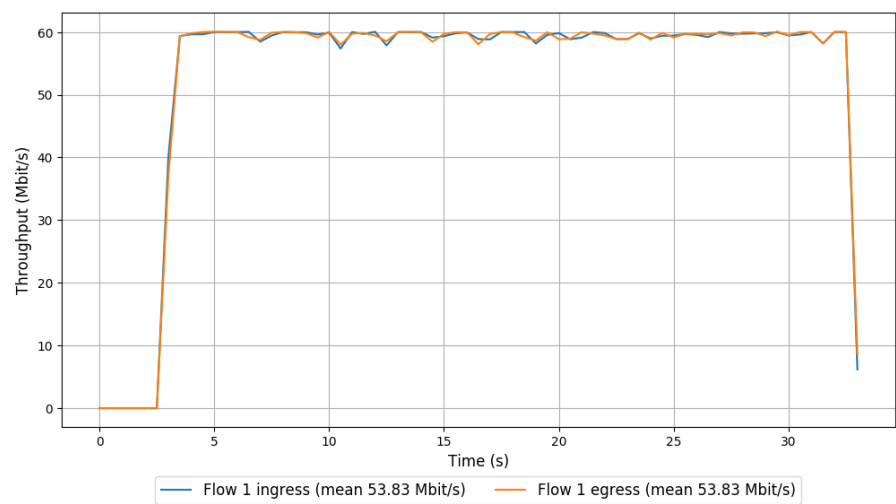
-- Flow 1:

Average throughput: 53.83 Mbit/s

95th percentile per-packet one-way delay: 23.021 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:43:31 +0000

End at: Thu, 29 Jun 2017 19:44:01 +0000

Local clock offset: 0.548 ms

Remote clock offset: -2.865 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.82 Mbit/s

95th percentile per-packet one-way delay: 22.761 ms

Loss rate: 0.00%

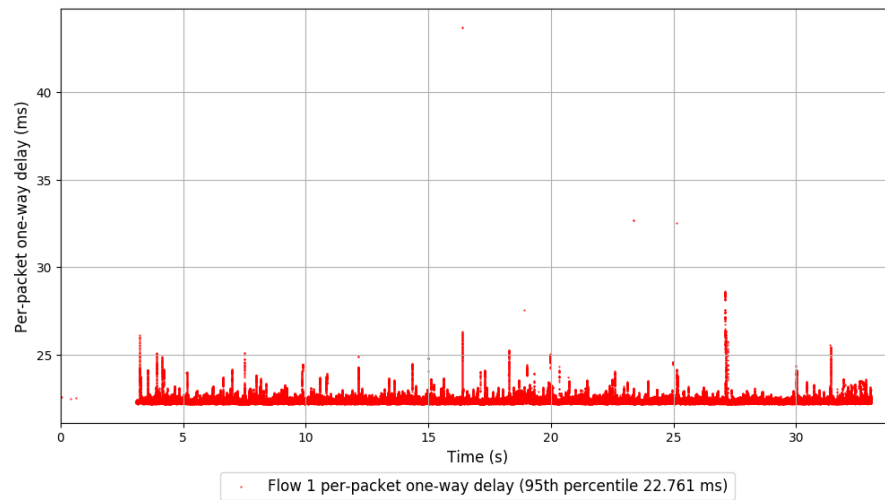
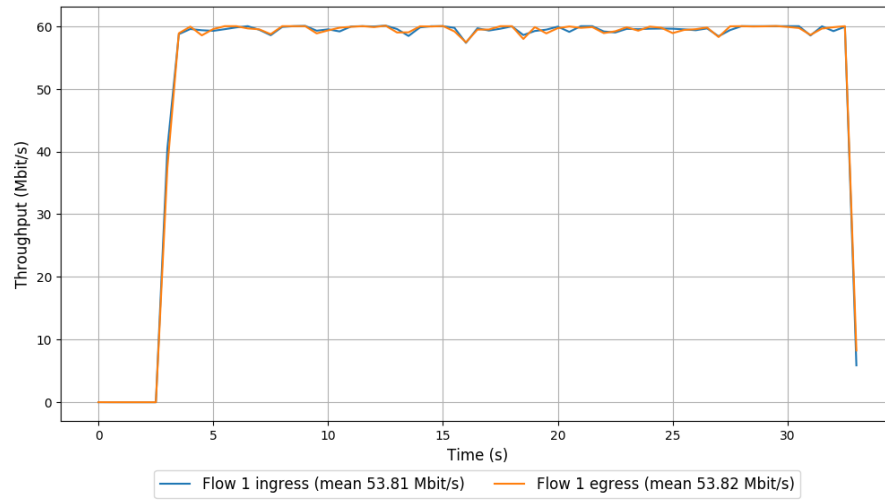
-- Flow 1:

Average throughput: 53.82 Mbit/s

95th percentile per-packet one-way delay: 22.761 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:02:52 +0000

End at: Thu, 29 Jun 2017 20:03:22 +0000

Local clock offset: 0.59 ms

Remote clock offset: -2.9 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 22.793 ms

Loss rate: 0.00%

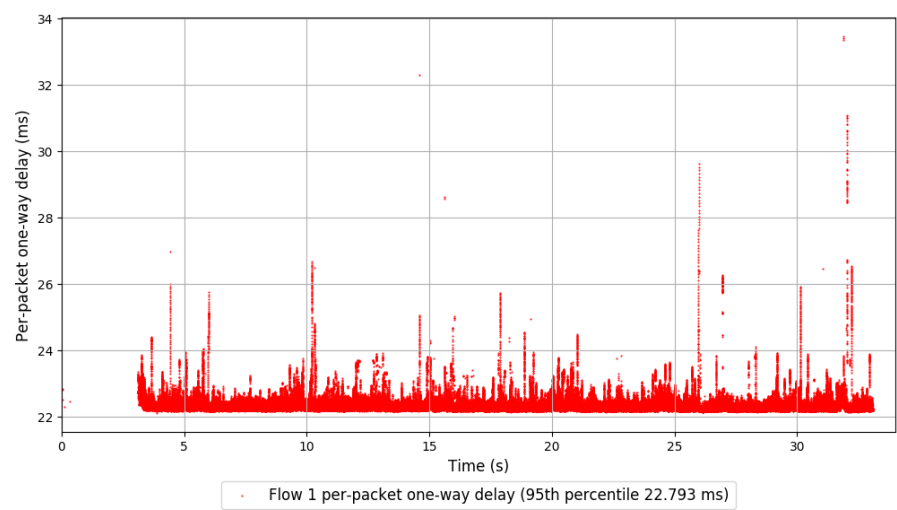
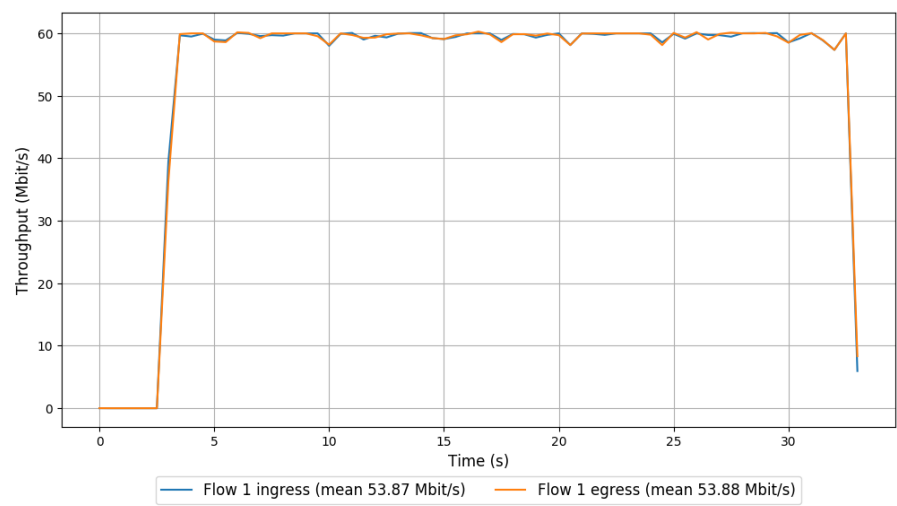
-- Flow 1:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 22.793 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:22:40 +0000

End at: Thu, 29 Jun 2017 20:23:10 +0000

Local clock offset: 0.401 ms

Remote clock offset: -2.629 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.83 Mbit/s

95th percentile per-packet one-way delay: 22.432 ms

Loss rate: 0.00%

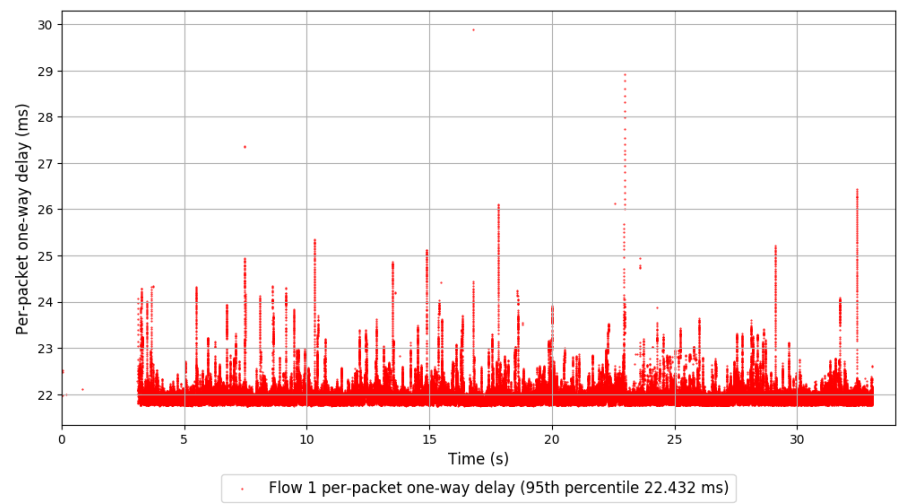
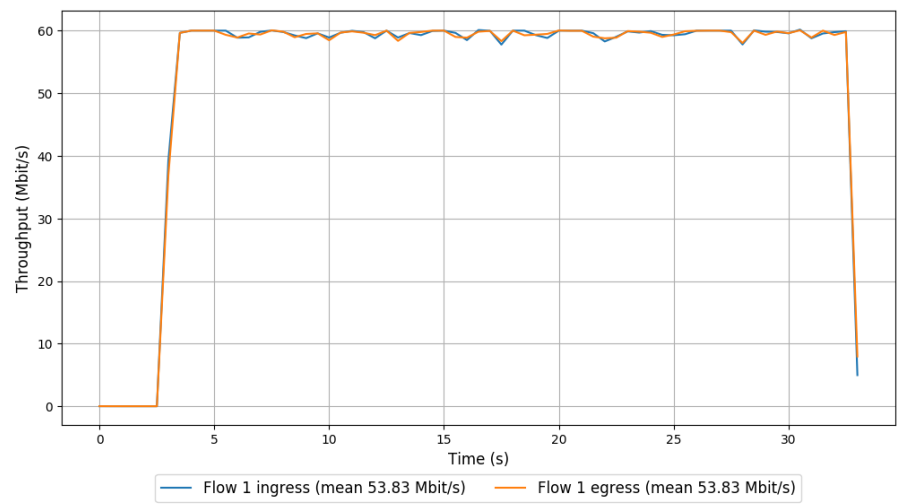
-- Flow 1:

Average throughput: 53.83 Mbit/s

95th percentile per-packet one-way delay: 22.432 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:42:35 +0000

End at: Thu, 29 Jun 2017 20:43:05 +0000

Local clock offset: 0.178 ms

Remote clock offset: -2.619 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 22.139 ms

Loss rate: 0.00%

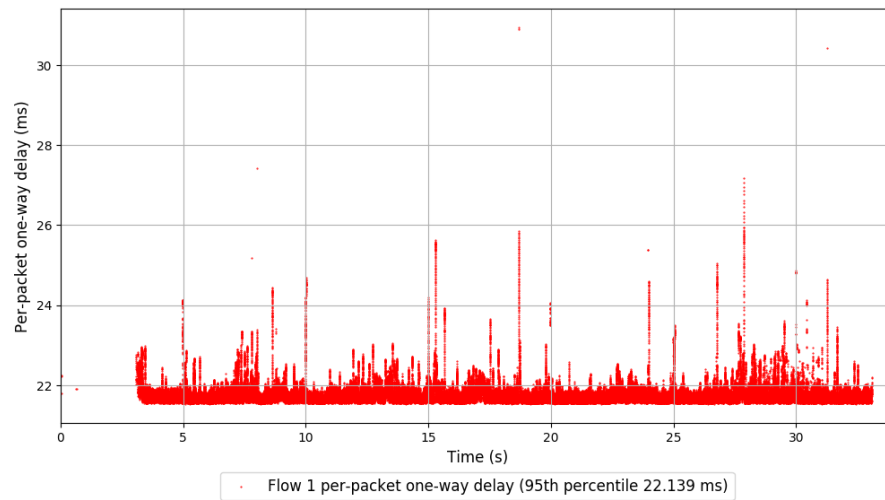
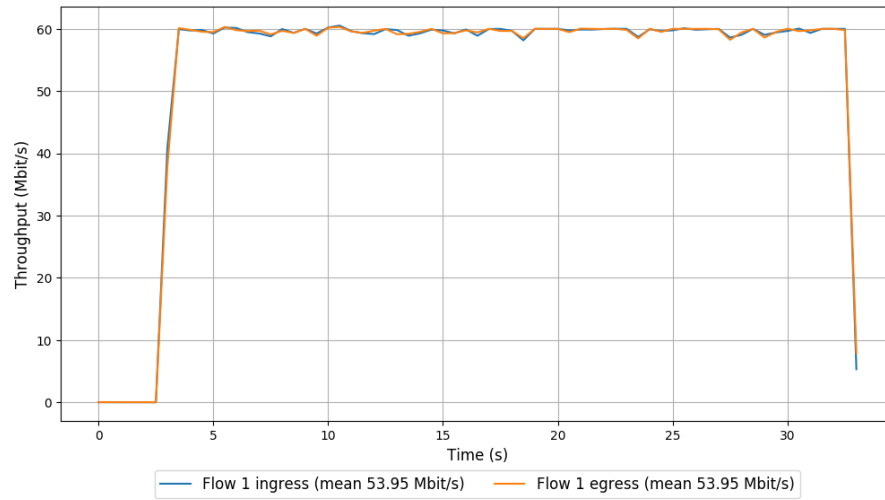
-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 22.139 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:02:09 +0000

End at: Thu, 29 Jun 2017 21:02:39 +0000

Local clock offset: 0.146 ms

Remote clock offset: -2.512 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 21.971 ms

Loss rate: 0.00%

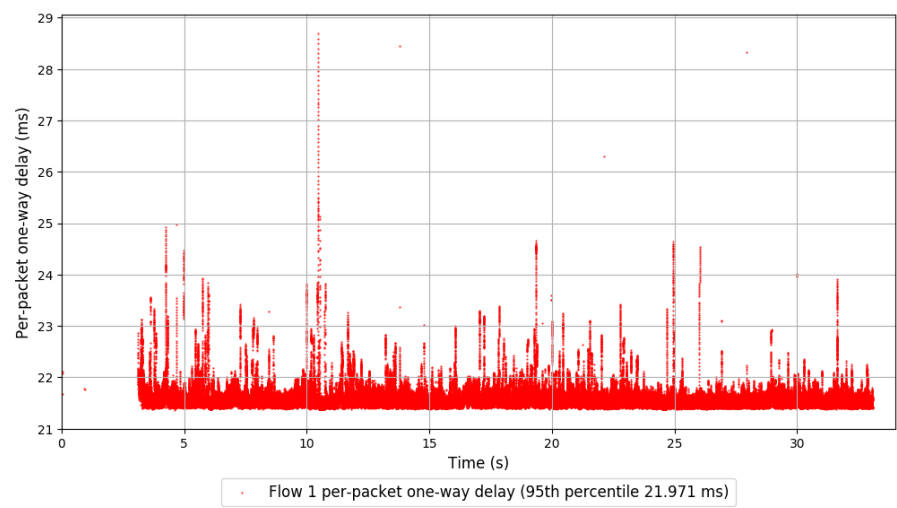
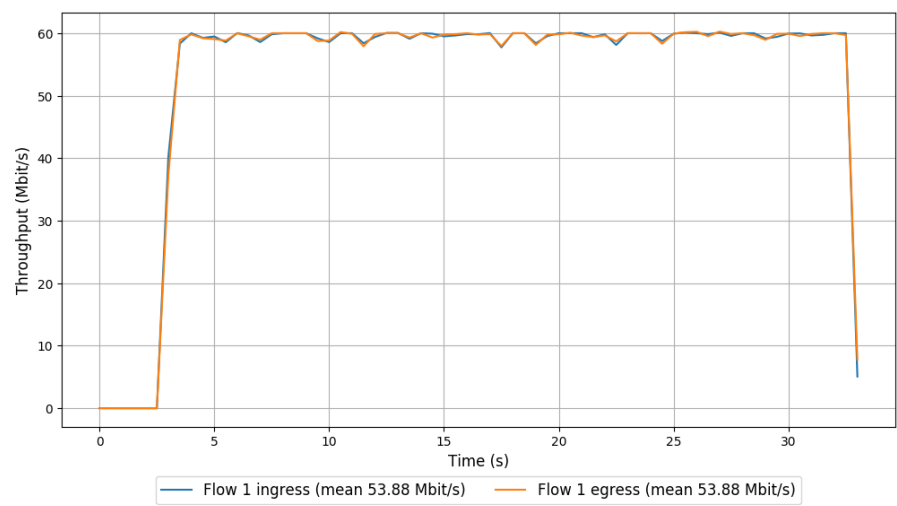
-- Flow 1:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 21.971 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:21:47 +0000

End at: Thu, 29 Jun 2017 21:22:17 +0000

Local clock offset: 0.023 ms

Remote clock offset: -2.465 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.80 Mbit/s

95th percentile per-packet one-way delay: 21.779 ms

Loss rate: 0.00%

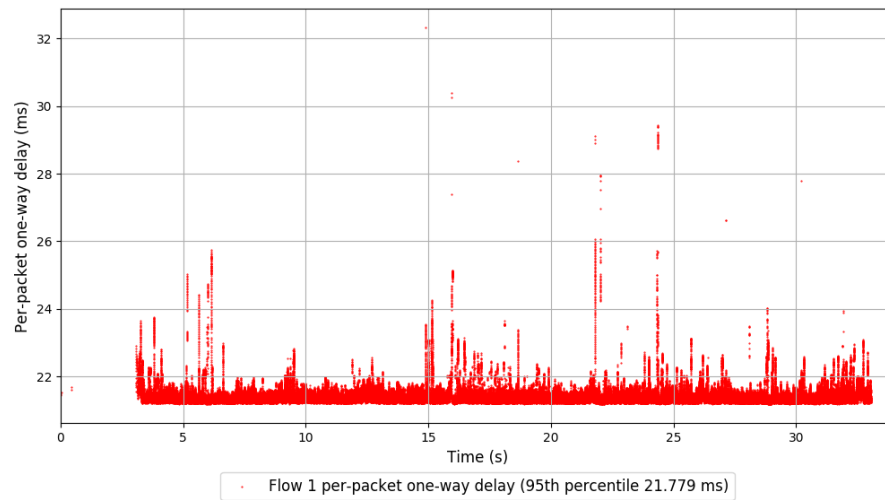
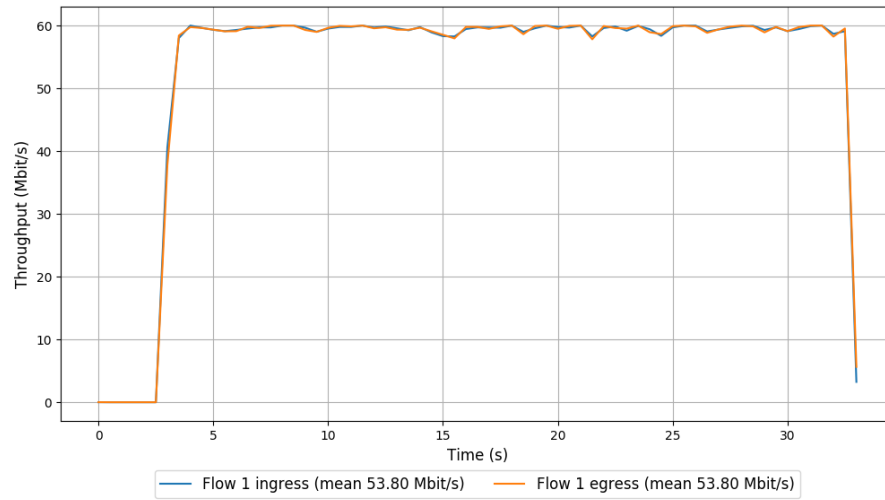
-- Flow 1:

Average throughput: 53.80 Mbit/s

95th percentile per-packet one-way delay: 21.779 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:41:44 +0000

End at: Thu, 29 Jun 2017 21:42:14 +0000

Local clock offset: -0.214 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.72 Mbit/s

95th percentile per-packet one-way delay: 21.645 ms

Loss rate: 0.00%

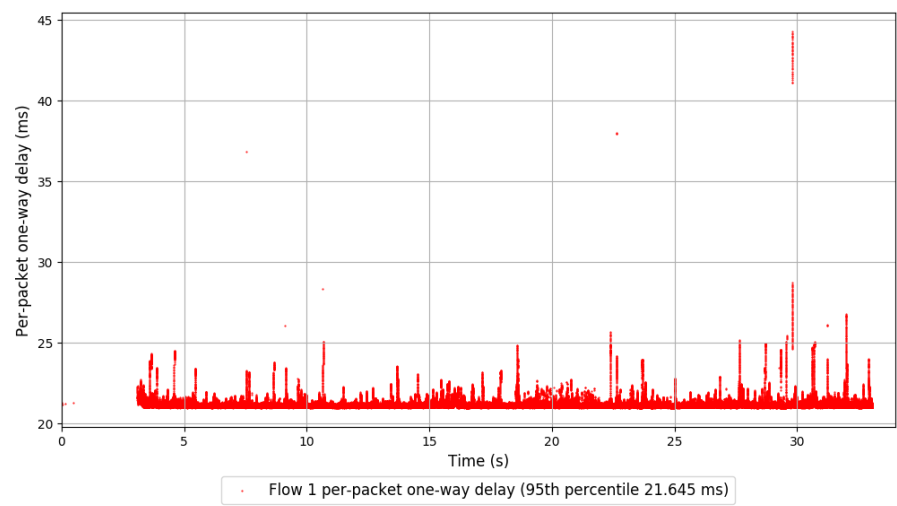
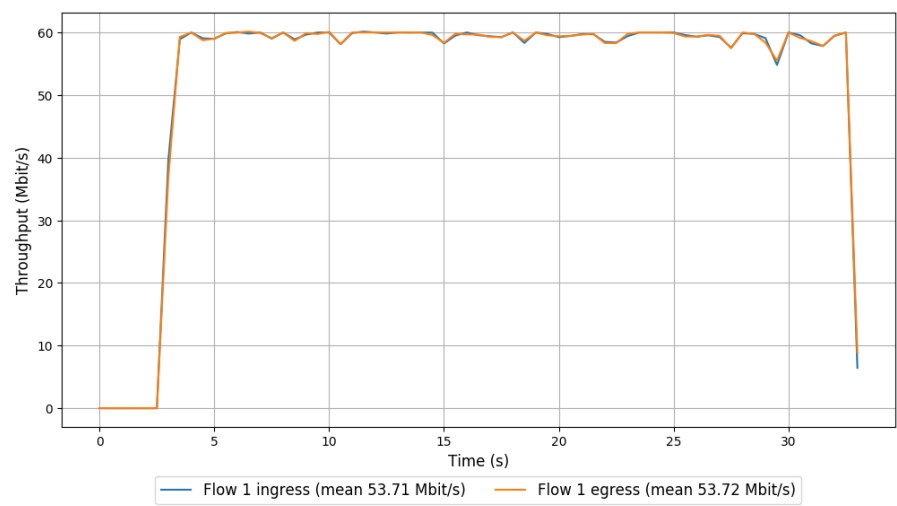
-- Flow 1:

Average throughput: 53.72 Mbit/s

95th percentile per-packet one-way delay: 21.645 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:01:31 +0000

End at: Thu, 29 Jun 2017 22:02:01 +0000

Local clock offset: -0.26 ms

Remote clock offset: -2.482 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:44:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.68 Mbit/s

95th percentile per-packet one-way delay: 21.657 ms

Loss rate: 0.00%

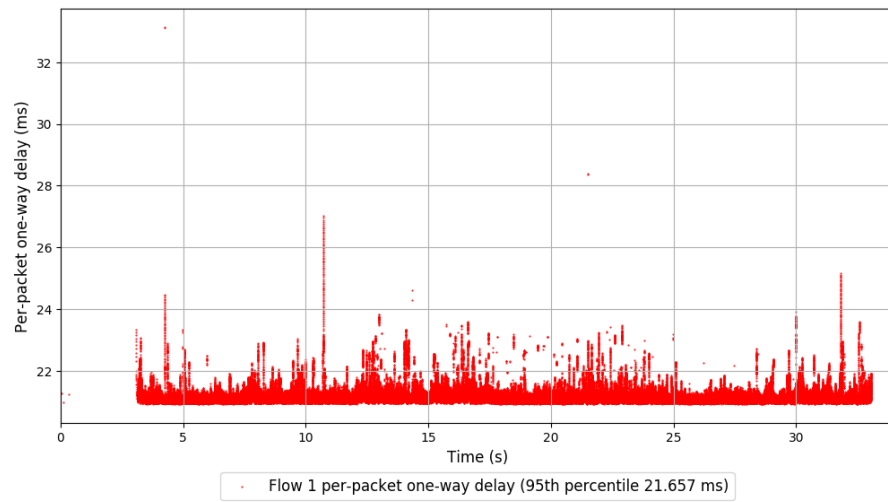
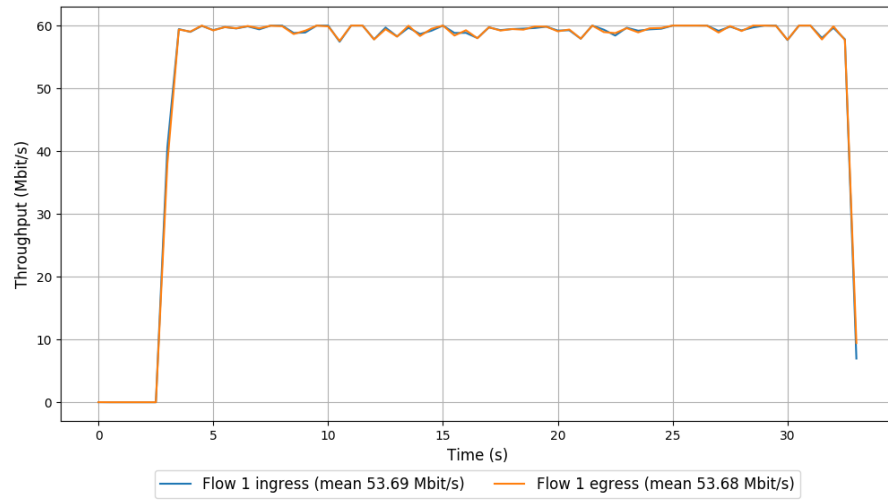
-- Flow 1:

Average throughput: 53.68 Mbit/s

95th percentile per-packet one-way delay: 21.657 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 18:58:40 +0000

End at: Thu, 29 Jun 2017 18:59:10 +0000

Local clock offset: 0.284 ms

Remote clock offset: -3.719 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 115.43 Mbit/s

95th percentile per-packet one-way delay: 23.339 ms

Loss rate: 0.18%

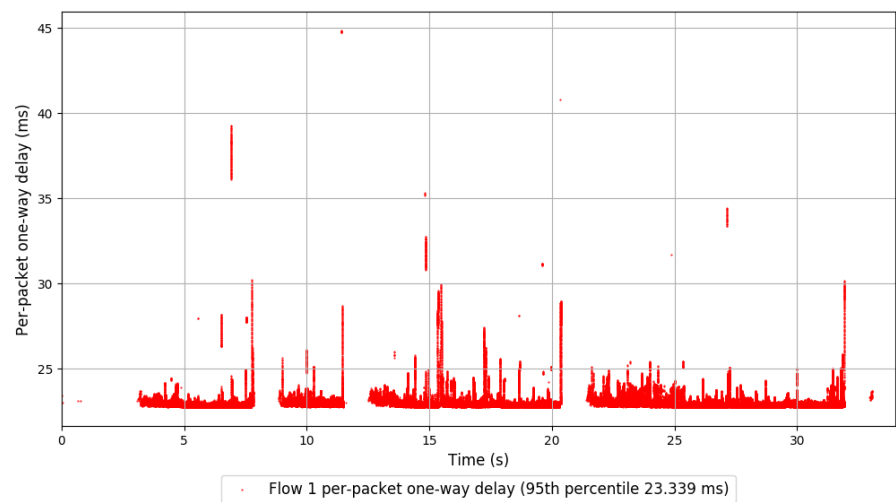
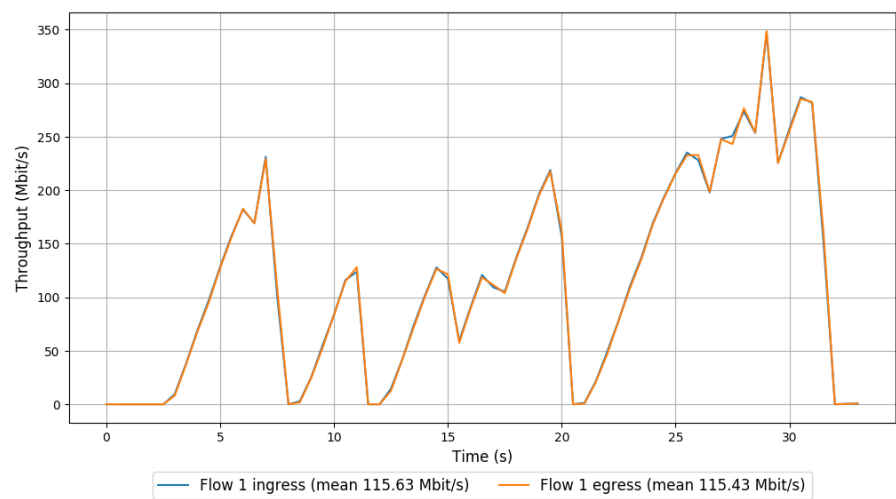
-- Flow 1:

Average throughput: 115.43 Mbit/s

95th percentile per-packet one-way delay: 23.339 ms

Loss rate: 0.18%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:18:22 +0000

End at: Thu, 29 Jun 2017 19:18:52 +0000

Local clock offset: 0.413 ms

Remote clock offset: -3.305 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.67 Mbit/s

95th percentile per-packet one-way delay: 23.177 ms

Loss rate: 0.19%

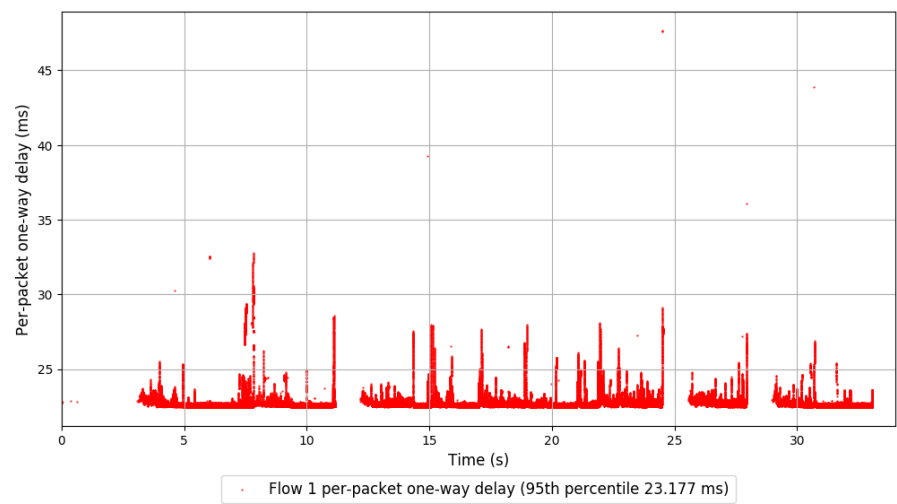
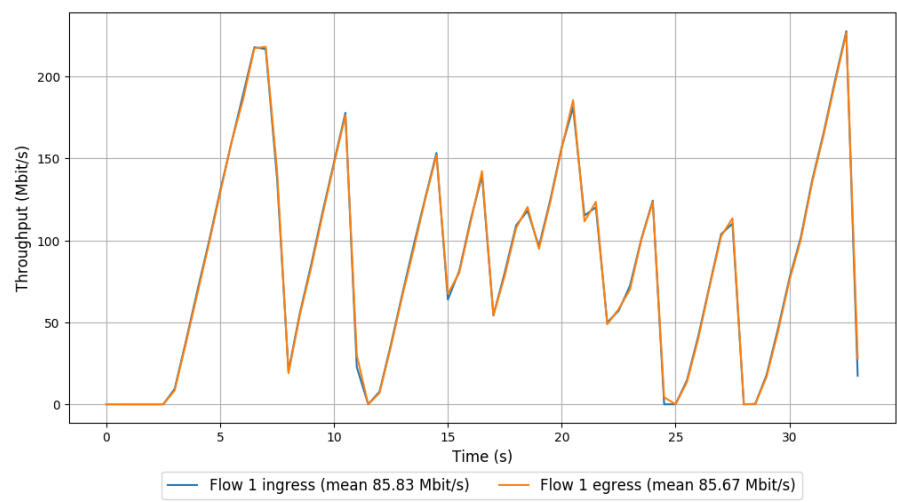
-- Flow 1:

Average throughput: 85.67 Mbit/s

95th percentile per-packet one-way delay: 23.177 ms

Loss rate: 0.19%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:38:07 +0000

End at: Thu, 29 Jun 2017 19:38:37 +0000

Local clock offset: 0.635 ms

Remote clock offset: -2.839 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 104.81 Mbit/s

95th percentile per-packet one-way delay: 22.485 ms

Loss rate: 0.10%

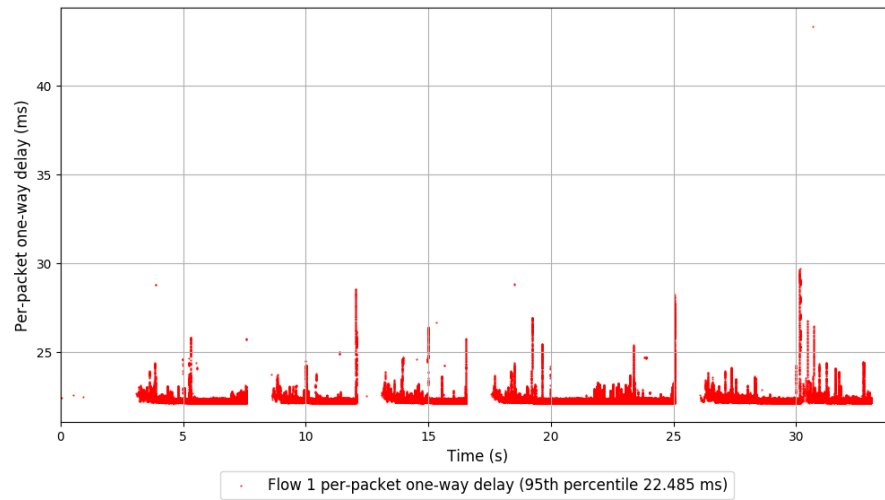
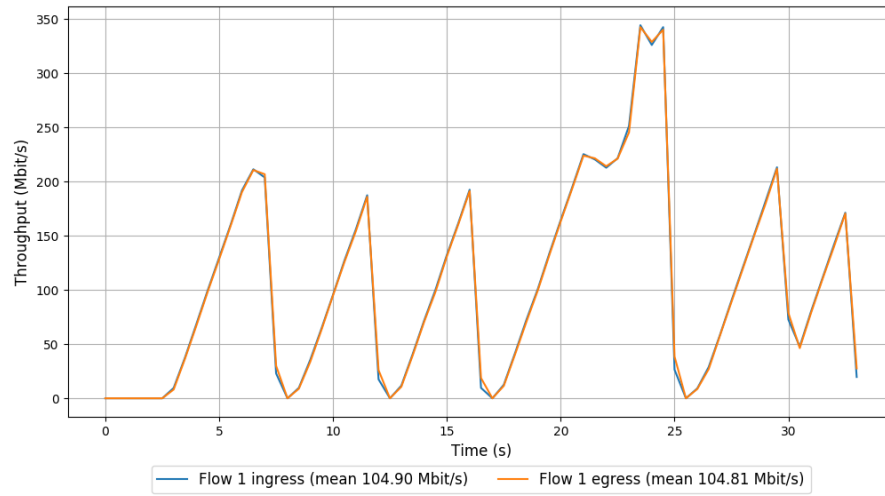
-- Flow 1:

Average throughput: 104.81 Mbit/s

95th percentile per-packet one-way delay: 22.485 ms

Loss rate: 0.10%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:57:32 +0000

End at: Thu, 29 Jun 2017 19:58:02 +0000

Local clock offset: 0.628 ms

Remote clock offset: -3.035 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 139.91 Mbit/s

95th percentile per-packet one-way delay: 22.593 ms

Loss rate: 0.14%

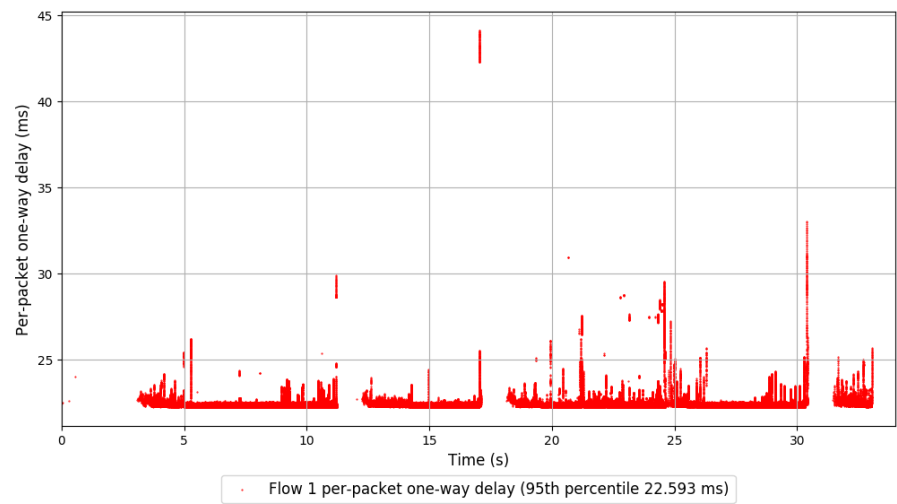
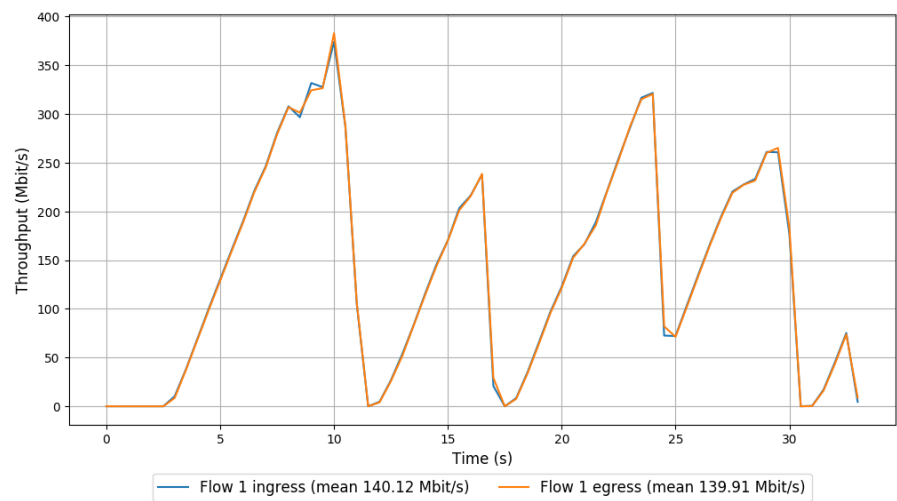
-- Flow 1:

Average throughput: 139.91 Mbit/s

95th percentile per-packet one-way delay: 22.593 ms

Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:17:16 +0000

End at: Thu, 29 Jun 2017 20:17:46 +0000

Local clock offset: 0.383 ms

Remote clock offset: -2.622 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 113.66 Mbit/s

95th percentile per-packet one-way delay: 22.224 ms

Loss rate: 0.13%

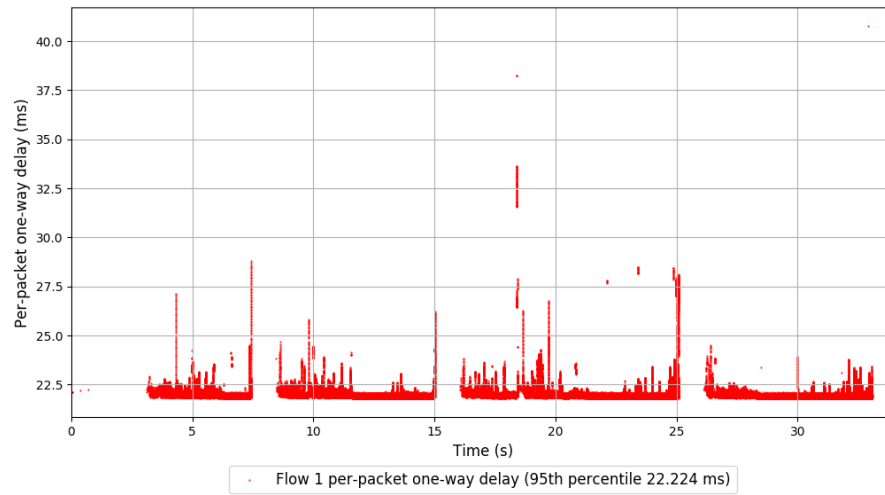
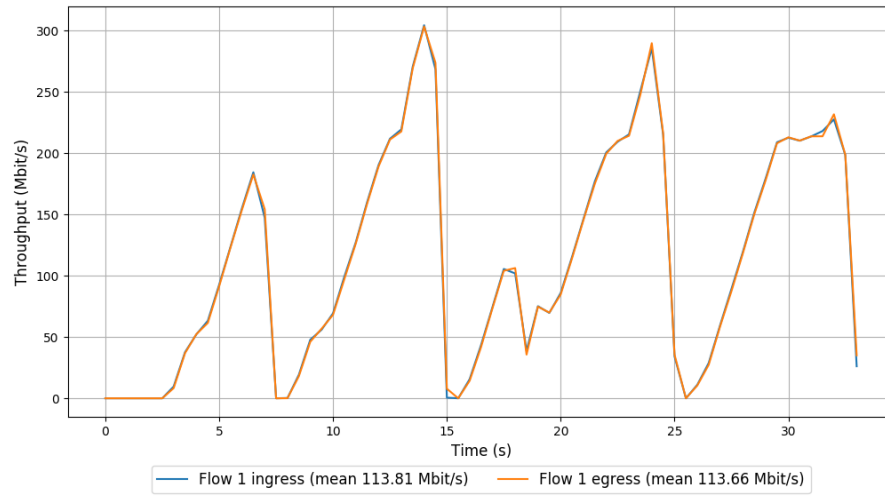
-- Flow 1:

Average throughput: 113.66 Mbit/s

95th percentile per-packet one-way delay: 22.224 ms

Loss rate: 0.13%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:37:06 +0000

End at: Thu, 29 Jun 2017 20:37:36 +0000

Local clock offset: 0.223 ms

Remote clock offset: -2.589 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 145.36 Mbit/s

95th percentile per-packet one-way delay: 22.012 ms

Loss rate: 0.11%

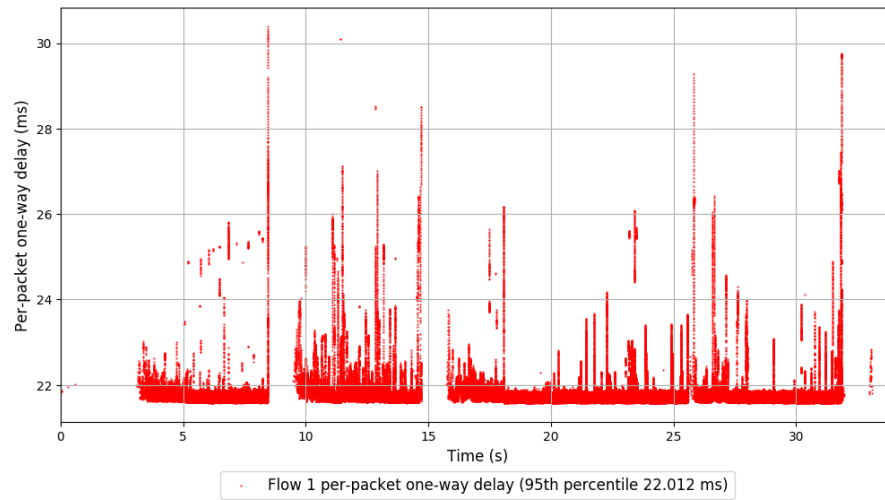
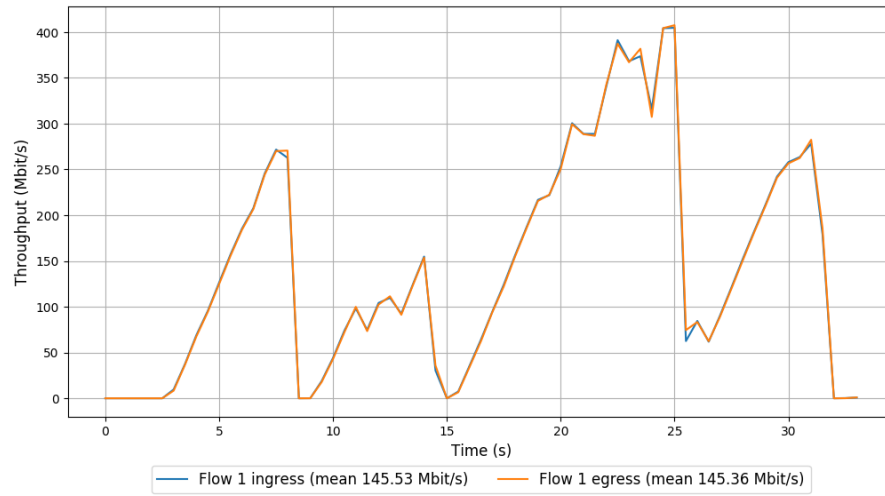
-- Flow 1:

Average throughput: 145.36 Mbit/s

95th percentile per-packet one-way delay: 22.012 ms

Loss rate: 0.11%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 20:56:43 +0000

End at: Thu, 29 Jun 2017 20:57:13 +0000

Local clock offset: 0.102 ms

Remote clock offset: -2.647 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 21.803 ms

Loss rate: 0.16%

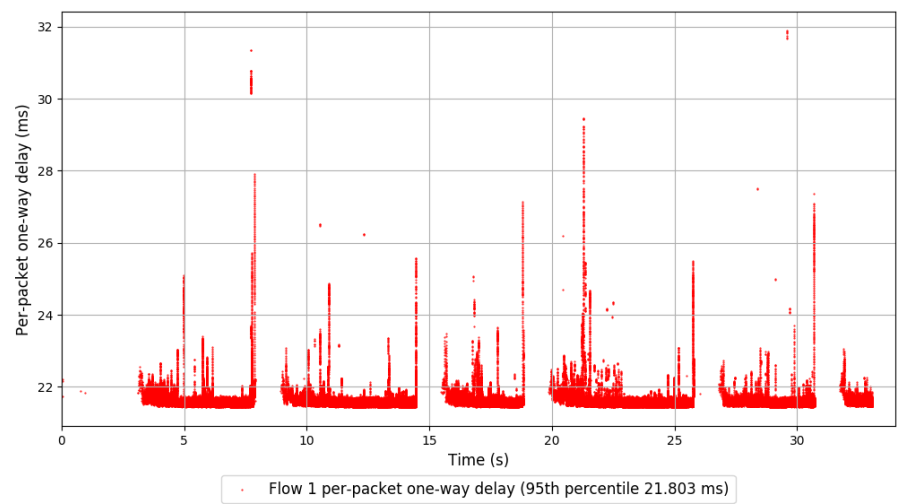
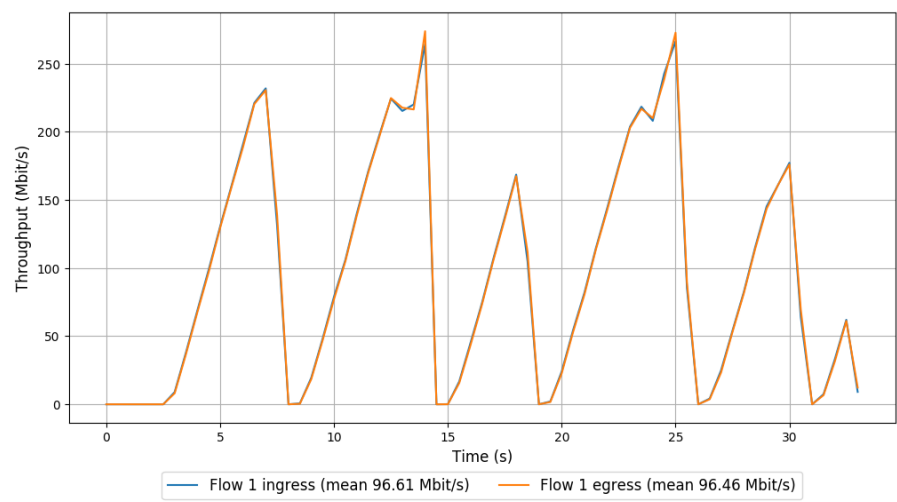
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 21.803 ms

Loss rate: 0.16%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:16:27 +0000

End at: Thu, 29 Jun 2017 21:16:57 +0000

Local clock offset: 0.057 ms

Remote clock offset: -2.508 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:45:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.64 Mbit/s

95th percentile per-packet one-way delay: 21.665 ms

Loss rate: 0.17%

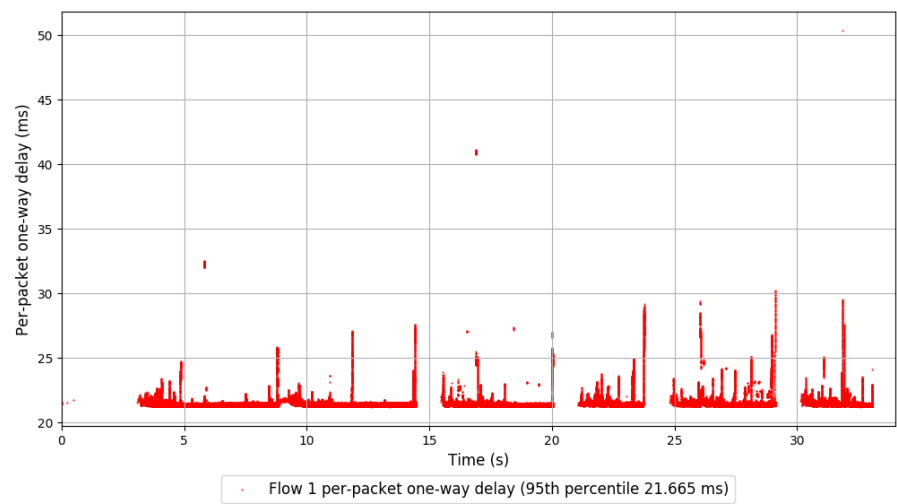
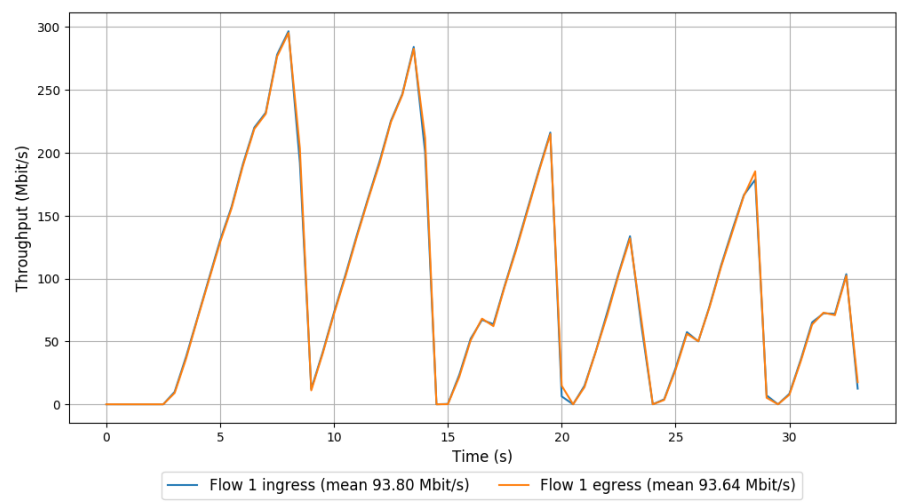
-- Flow 1:

Average throughput: 93.64 Mbit/s

95th percentile per-packet one-way delay: 21.665 ms

Loss rate: 0.17%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:36:19 +0000

End at: Thu, 29 Jun 2017 21:36:49 +0000

Local clock offset: -0.154 ms

Remote clock offset: -2.506 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:46:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 129.06 Mbit/s

95th percentile per-packet one-way delay: 21.526 ms

Loss rate: 0.12%

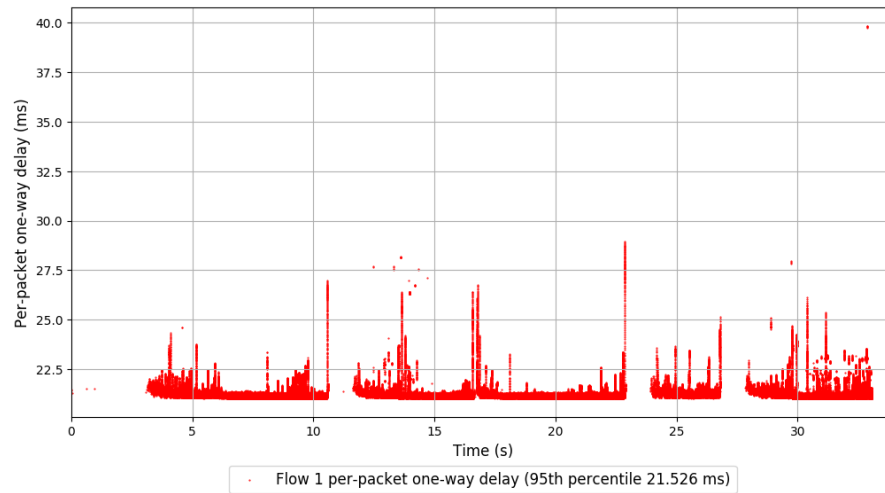
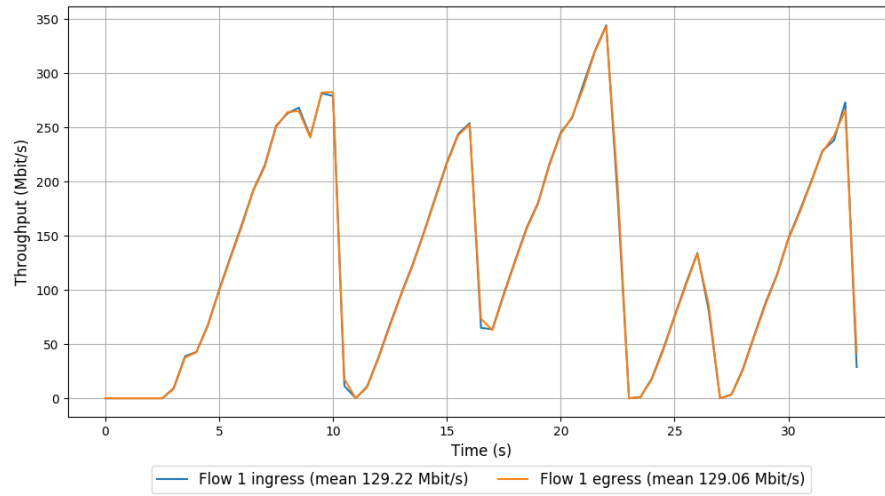
-- Flow 1:

Average throughput: 129.06 Mbit/s

95th percentile per-packet one-way delay: 21.526 ms

Loss rate: 0.12%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:56:05 +0000

End at: Thu, 29 Jun 2017 21:56:35 +0000

Local clock offset: -0.189 ms

Remote clock offset: -2.471 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:46:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 154.99 Mbit/s

95th percentile per-packet one-way delay: 21.283 ms

Loss rate: 0.17%

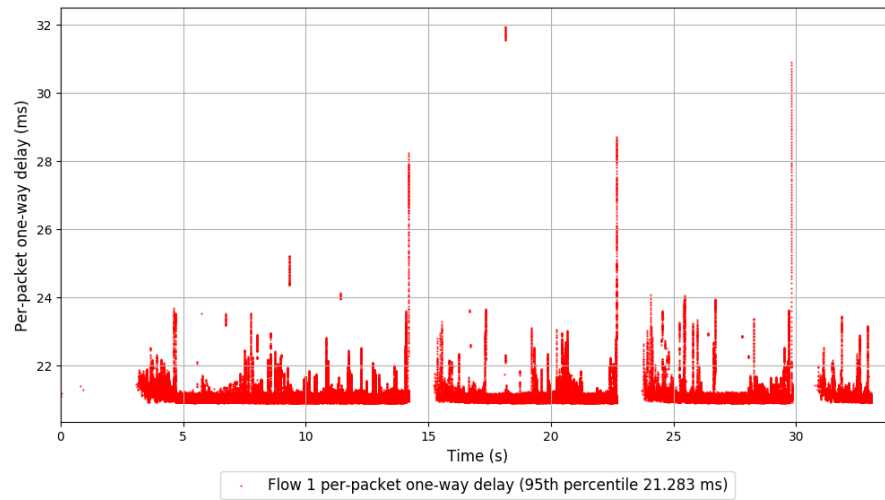
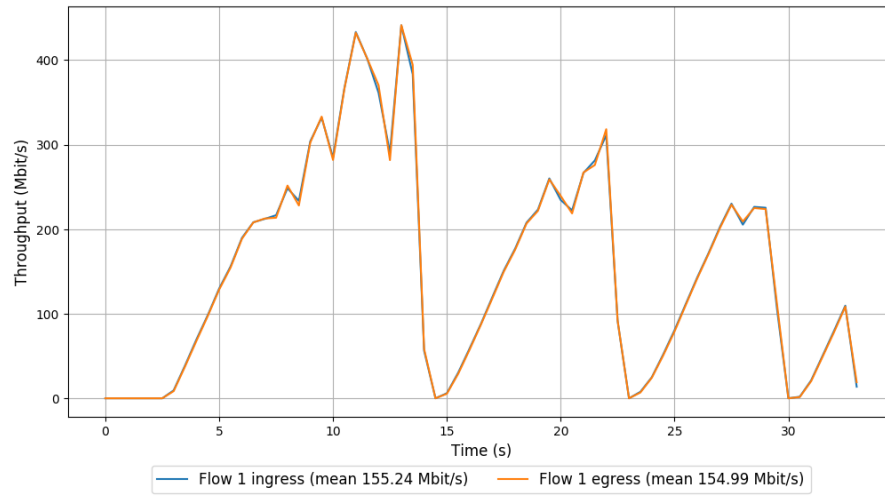
-- Flow 1:

Average throughput: 154.99 Mbit/s

95th percentile per-packet one-way delay: 21.283 ms

Loss rate: 0.17%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:06:49 +0000

End at: Thu, 29 Jun 2017 19:07:19 +0000

Local clock offset: 0.355 ms

Remote clock offset: -3.519 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:47:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 502.33 Mbit/s

95th percentile per-packet one-way delay: 23.207 ms

Loss rate: 0.06%

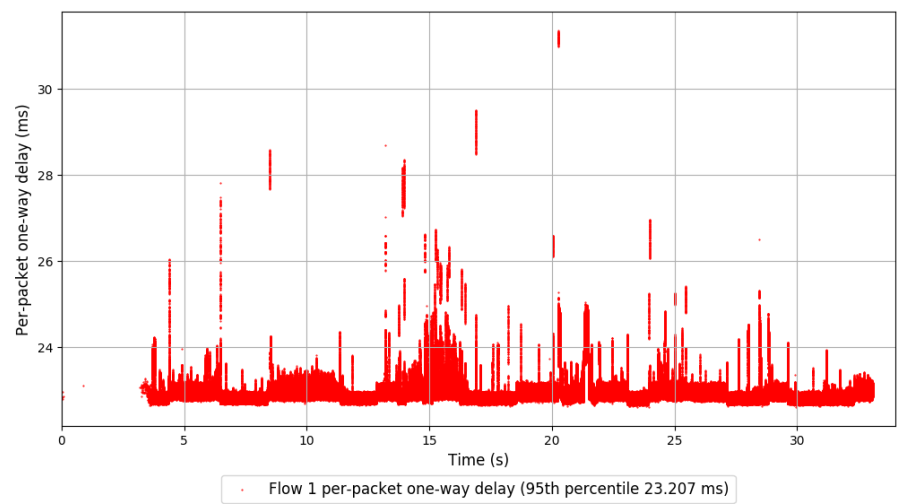
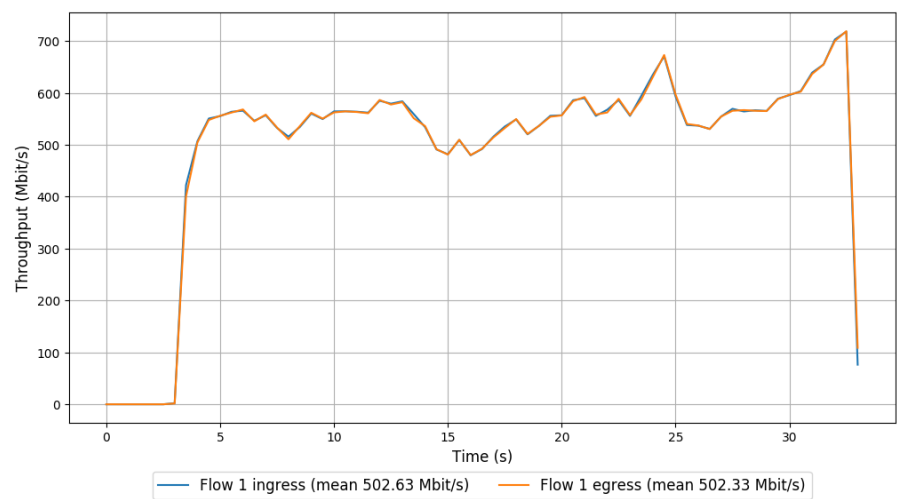
-- Flow 1:

Average throughput: 502.33 Mbit/s

95th percentile per-packet one-way delay: 23.207 ms

Loss rate: 0.06%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:26:27 +0000

End at: Thu, 29 Jun 2017 19:26:57 +0000

Local clock offset: 0.479 ms

Remote clock offset: -3.148 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:47:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 677.57 Mbit/s

95th percentile per-packet one-way delay: 23.586 ms

Loss rate: 0.15%

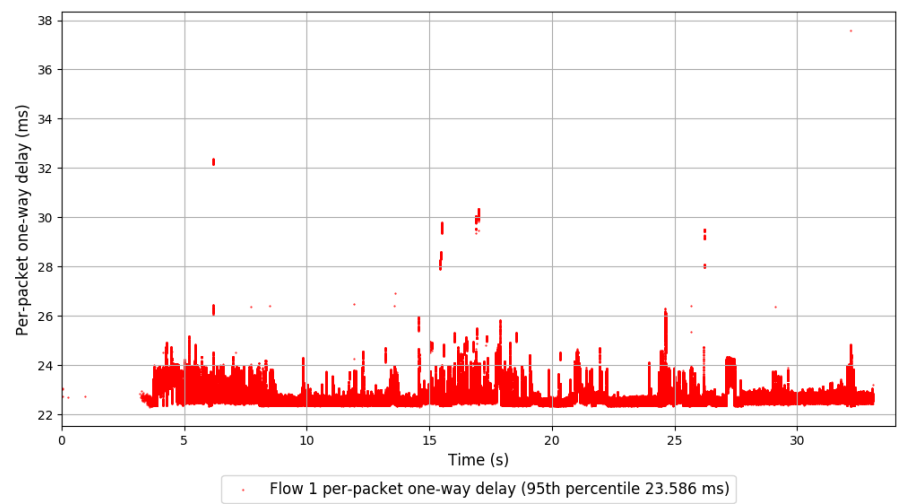
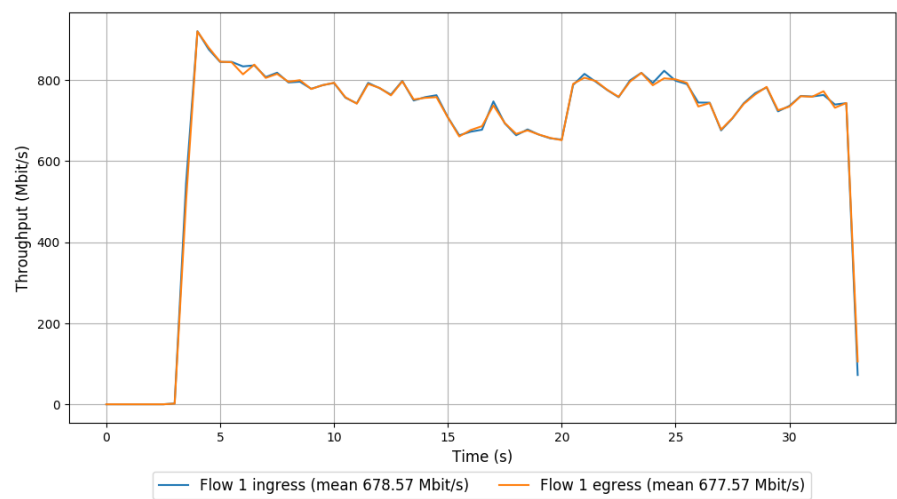
-- Flow 1:

Average throughput: 677.57 Mbit/s

95th percentile per-packet one-way delay: 23.586 ms

Loss rate: 0.15%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:46:18 +0000

End at: Thu, 29 Jun 2017 19:46:48 +0000

Local clock offset: 0.588 ms

Remote clock offset: -2.906 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:48:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 648.97 Mbit/s

95th percentile per-packet one-way delay: 23.419 ms

Loss rate: 0.09%

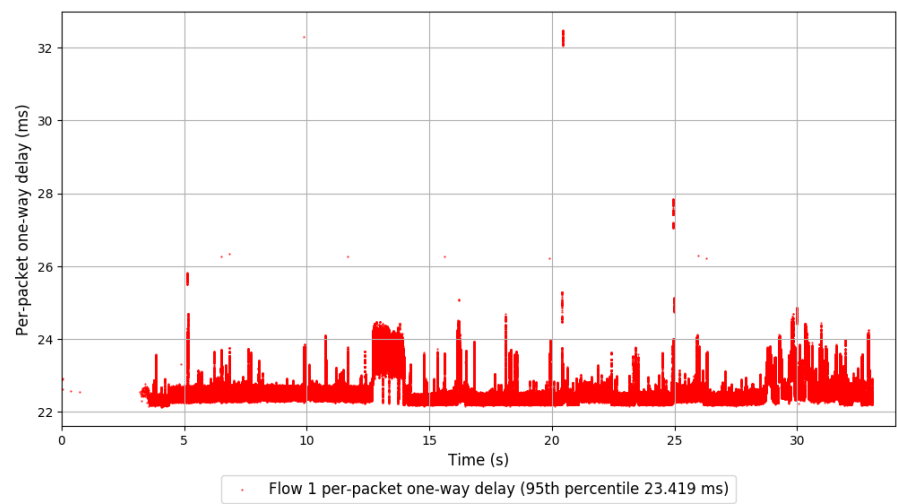
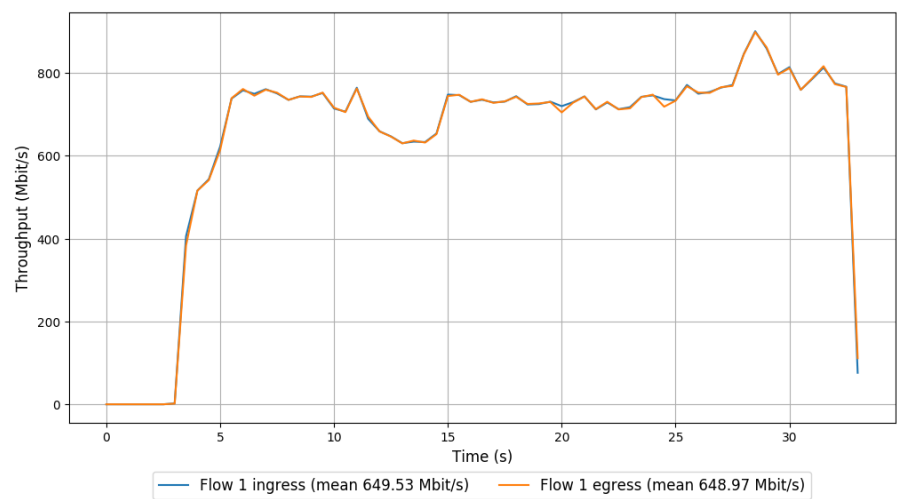
-- Flow 1:

Average throughput: 648.97 Mbit/s

95th percentile per-packet one-way delay: 23.419 ms

Loss rate: 0.09%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:05:39 +0000

End at: Thu, 29 Jun 2017 20:06:09 +0000

Local clock offset: 0.474 ms

Remote clock offset: -2.895 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:49:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 699.20 Mbit/s

95th percentile per-packet one-way delay: 23.390 ms

Loss rate: 0.05%

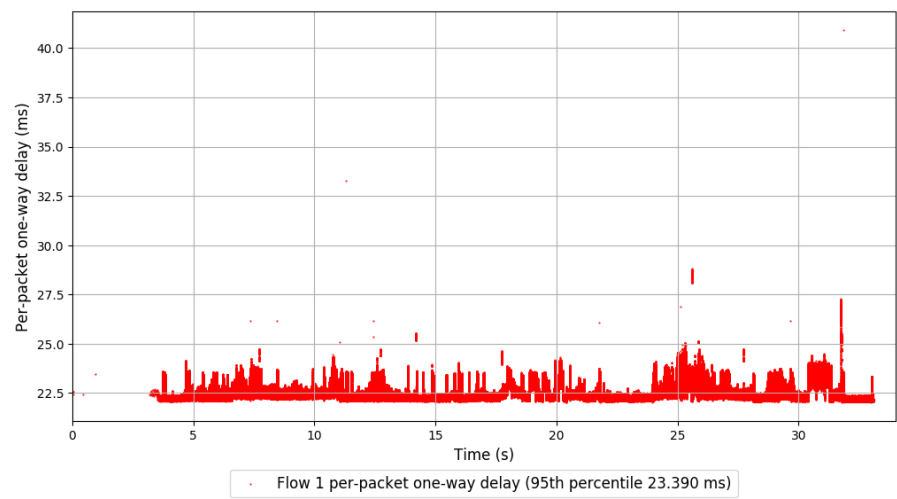
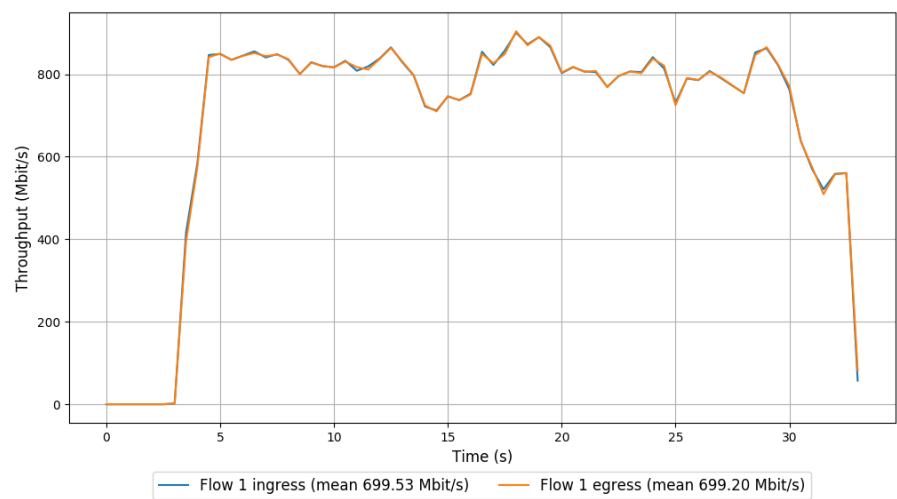
-- Flow 1:

Average throughput: 699.20 Mbit/s

95th percentile per-packet one-way delay: 23.390 ms

Loss rate: 0.05%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:25:30 +0000

End at: Thu, 29 Jun 2017 20:26:00 +0000

Local clock offset: 0.335 ms

Remote clock offset: -2.625 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:50:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 549.42 Mbit/s

95th percentile per-packet one-way delay: 22.779 ms

Loss rate: 0.07%

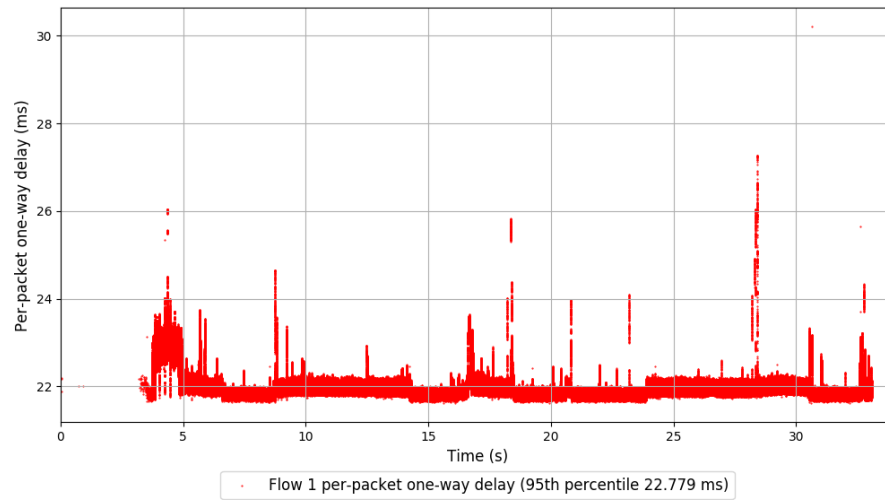
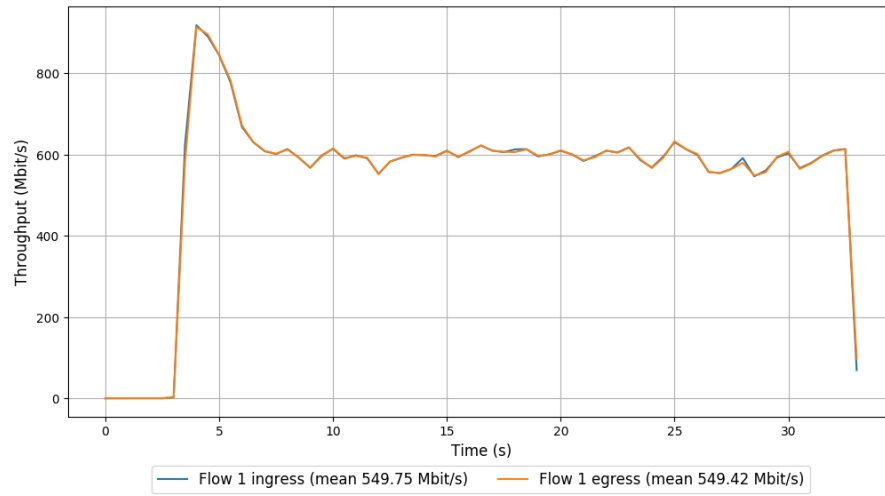
-- Flow 1:

Average throughput: 549.42 Mbit/s

95th percentile per-packet one-way delay: 22.779 ms

Loss rate: 0.07%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:45:28 +0000

End at: Thu, 29 Jun 2017 20:45:58 +0000

Local clock offset: 0.142 ms

Remote clock offset: -2.625 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:51:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 681.39 Mbit/s

95th percentile per-packet one-way delay: 22.742 ms

Loss rate: 0.23%

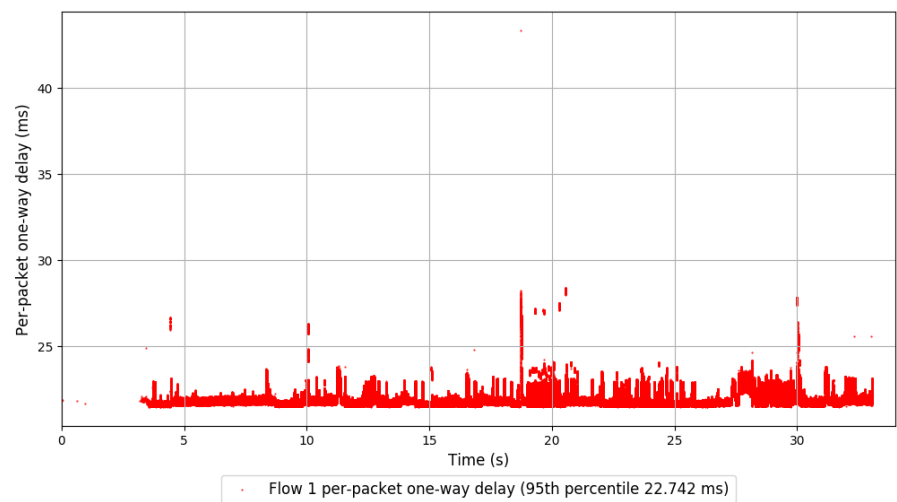
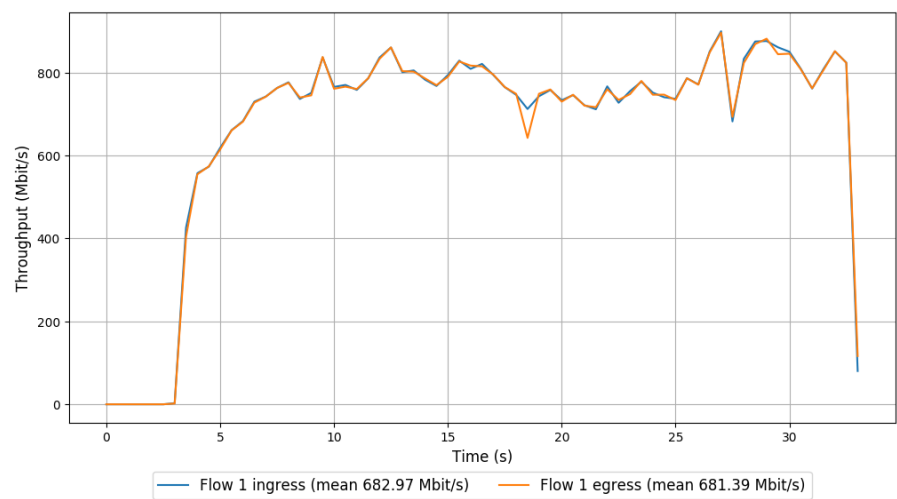
-- Flow 1:

Average throughput: 681.39 Mbit/s

95th percentile per-packet one-way delay: 22.742 ms

Loss rate: 0.23%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:04:56 +0000

End at: Thu, 29 Jun 2017 21:05:26 +0000

Local clock offset: 0.108 ms

Remote clock offset: -2.533 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:51:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 663.44 Mbit/s

95th percentile per-packet one-way delay: 22.650 ms

Loss rate: 0.16%

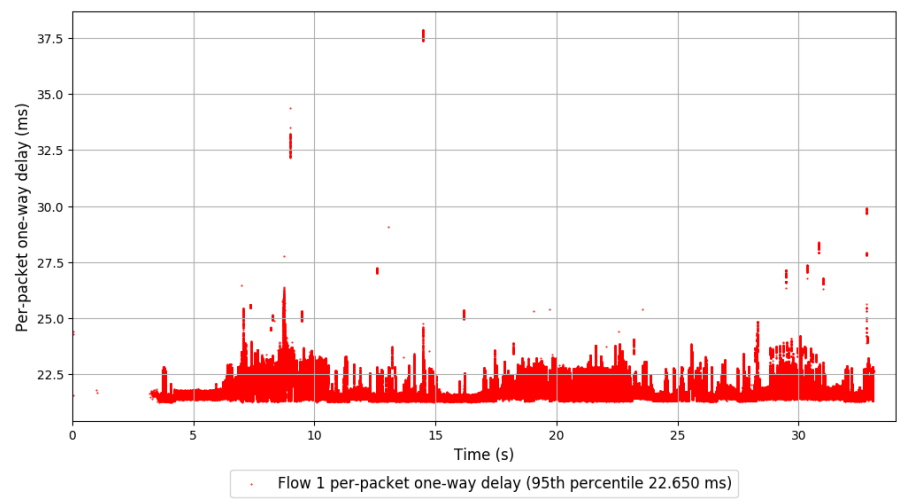
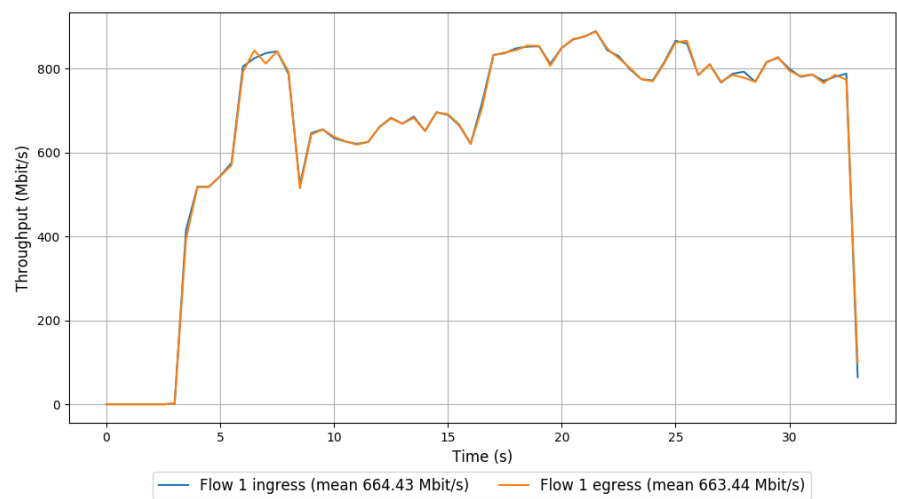
-- Flow 1:

Average throughput: 663.44 Mbit/s

95th percentile per-packet one-way delay: 22.650 ms

Loss rate: 0.16%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:24:35 +0000

End at: Thu, 29 Jun 2017 21:25:05 +0000

Local clock offset: 0.021 ms

Remote clock offset: -2.542 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:53:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 712.30 Mbit/s

95th percentile per-packet one-way delay: 22.556 ms

Loss rate: 0.05%

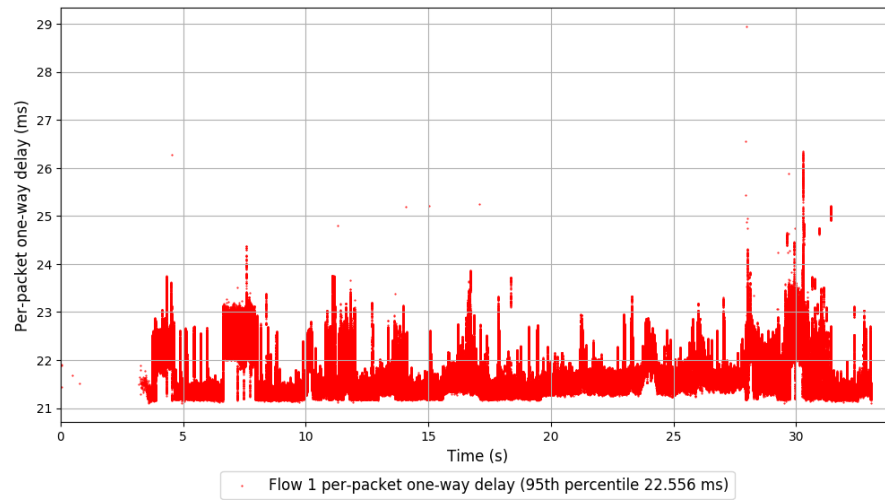
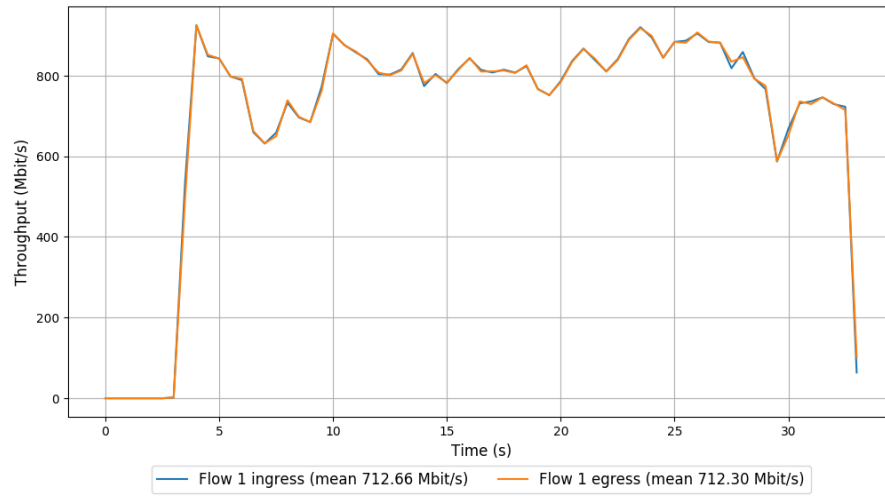
-- Flow 1:

Average throughput: 712.30 Mbit/s

95th percentile per-packet one-way delay: 22.556 ms

Loss rate: 0.05%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:44:28 +0000

End at: Thu, 29 Jun 2017 21:44:58 +0000

Local clock offset: -0.223 ms

Remote clock offset: -2.415 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:53:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 545.16 Mbit/s

95th percentile per-packet one-way delay: 22.243 ms

Loss rate: 0.28%

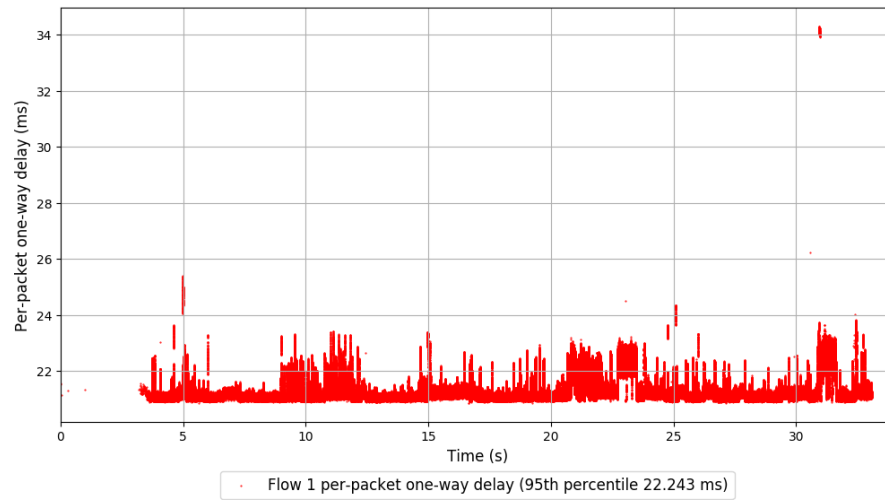
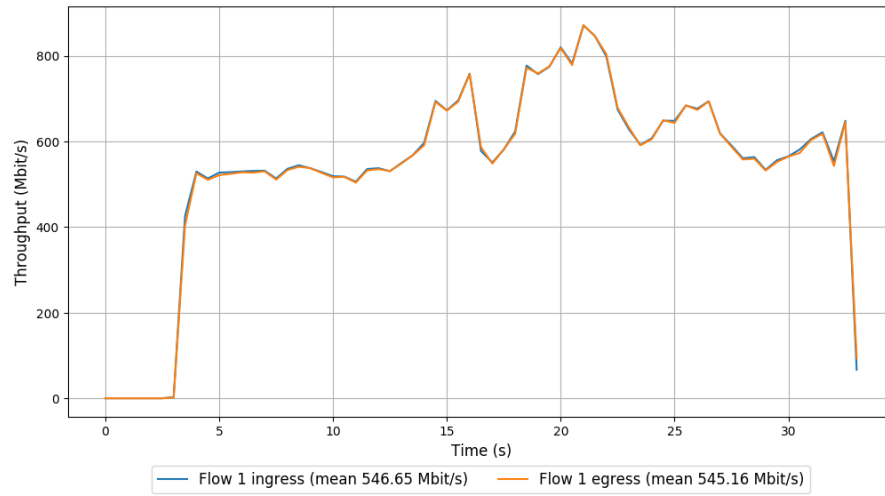
-- Flow 1:

Average throughput: 545.16 Mbit/s

95th percentile per-packet one-way delay: 22.243 ms

Loss rate: 0.28%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:04:20 +0000

End at: Thu, 29 Jun 2017 22:04:50 +0000

Local clock offset: -0.291 ms

Remote clock offset: -2.44 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 599.40 Mbit/s

95th percentile per-packet one-way delay: 22.562 ms

Loss rate: 0.28%

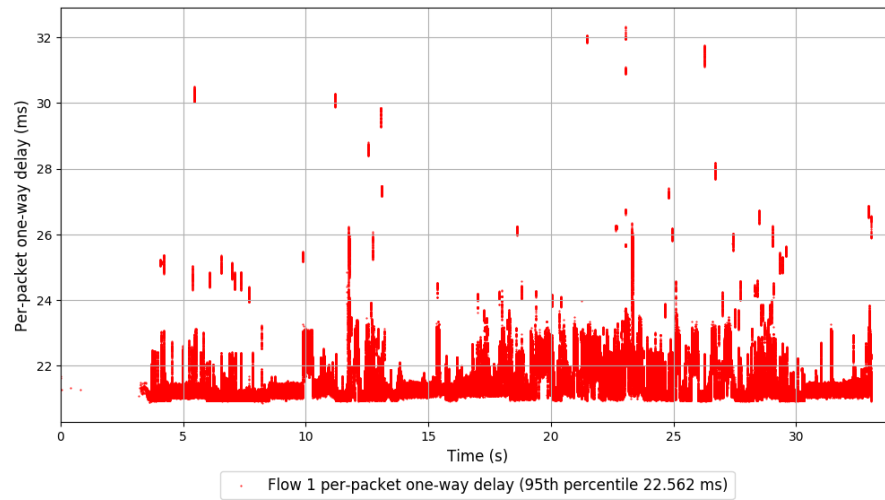
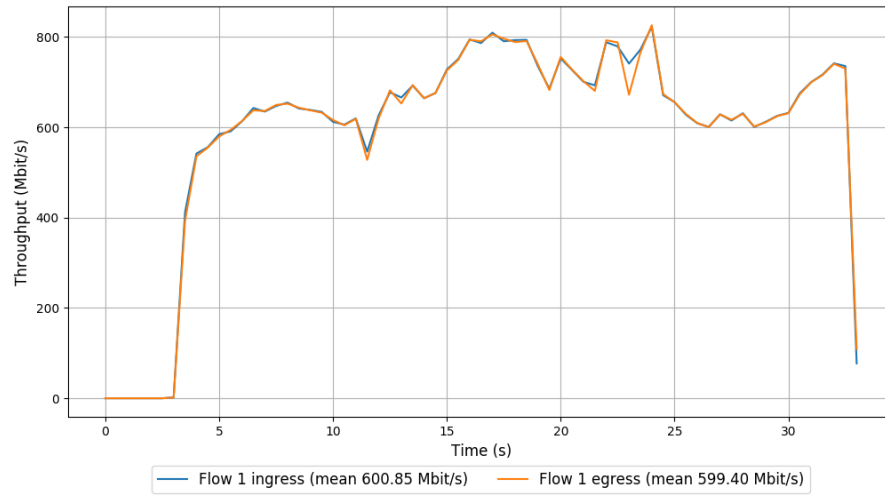
-- Flow 1:

Average throughput: 599.40 Mbit/s

95th percentile per-packet one-way delay: 22.562 ms

Loss rate: 0.28%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 18:56:19 +0000

End at: Thu, 29 Jun 2017 18:56:49 +0000

Local clock offset: 0.396 ms

Remote clock offset: -3.72 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.73 Mbit/s

95th percentile per-packet one-way delay: 22.929 ms

Loss rate: 0.01%

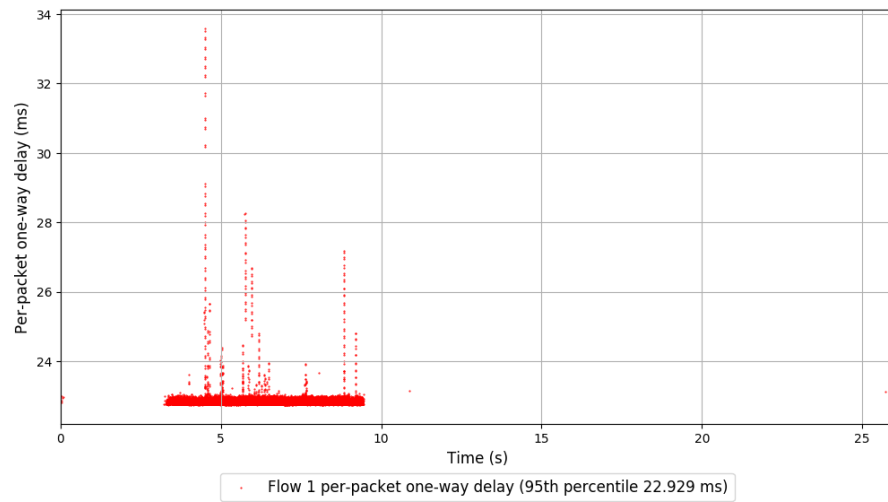
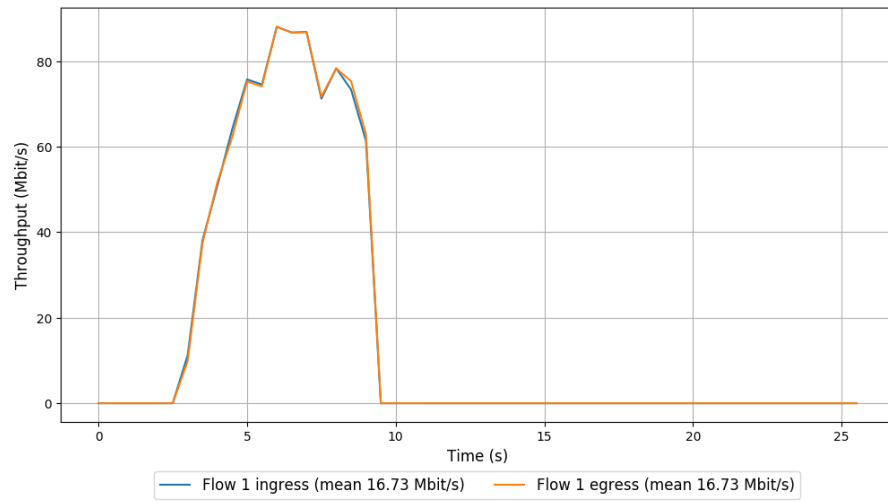
-- Flow 1:

Average throughput: 16.73 Mbit/s

95th percentile per-packet one-way delay: 22.929 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic (toy) — Data Link



Run 2: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:16:01 +0000

End at: Thu, 29 Jun 2017 19:16:32 +0000

Local clock offset: 0.418 ms

Remote clock offset: -3.371 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.92 Mbit/s

95th percentile per-packet one-way delay: 22.681 ms

Loss rate: 0.00%

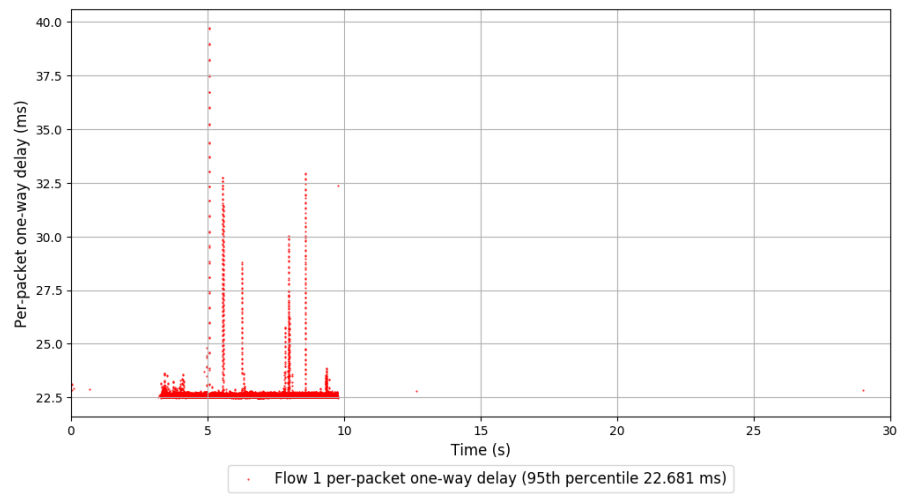
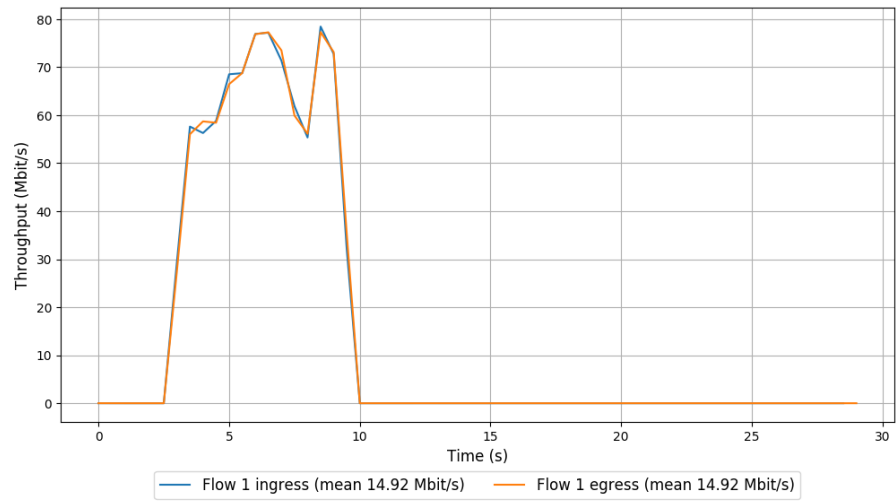
-- Flow 1:

Average throughput: 14.92 Mbit/s

95th percentile per-packet one-way delay: 22.681 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic (toy) — Data Link



Run 3: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:35:46 +0000

End at: Thu, 29 Jun 2017 19:36:16 +0000

Local clock offset: 0.551 ms

Remote clock offset: -2.912 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.17 Mbit/s

95th percentile per-packet one-way delay: 22.369 ms

Loss rate: 0.00%

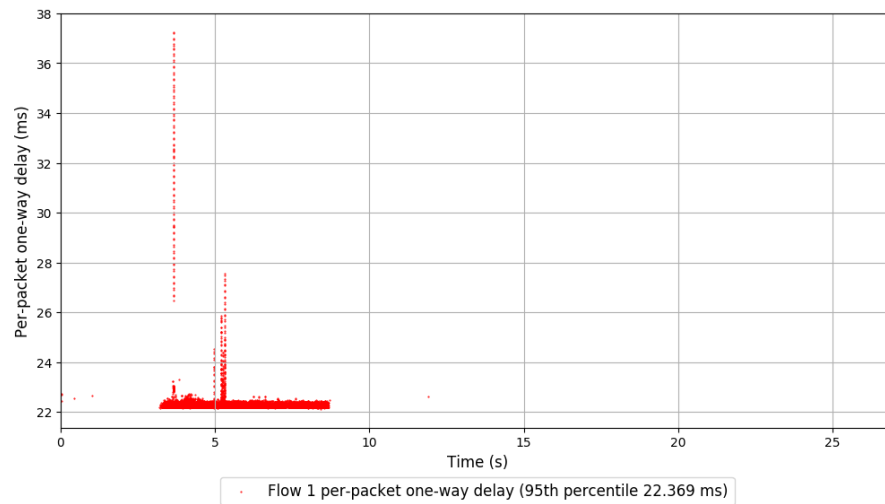
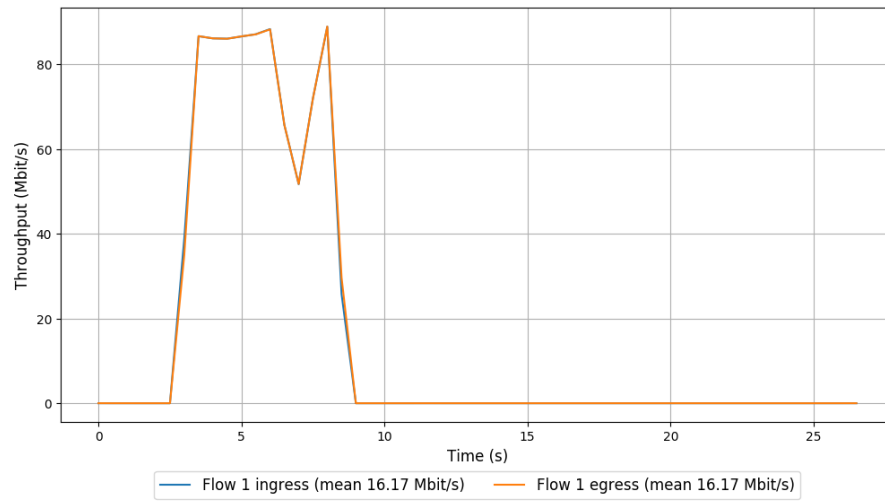
-- Flow 1:

Average throughput: 16.17 Mbit/s

95th percentile per-packet one-way delay: 22.369 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic (toy) — Data Link



Run 4: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 19:55:11 +0000

End at: Thu, 29 Jun 2017 19:55:41 +0000

Local clock offset: 0.598 ms

Remote clock offset: -3.019 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.11 Mbit/s

95th percentile per-packet one-way delay: 22.413 ms

Loss rate: 0.01%

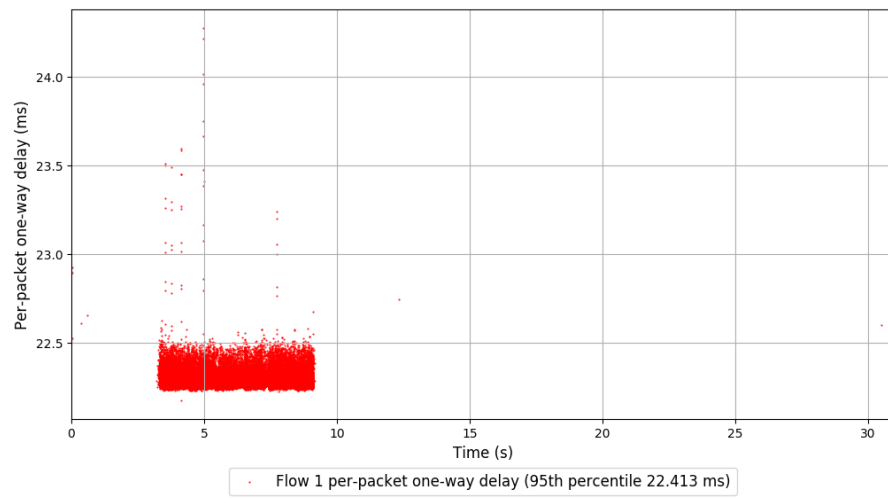
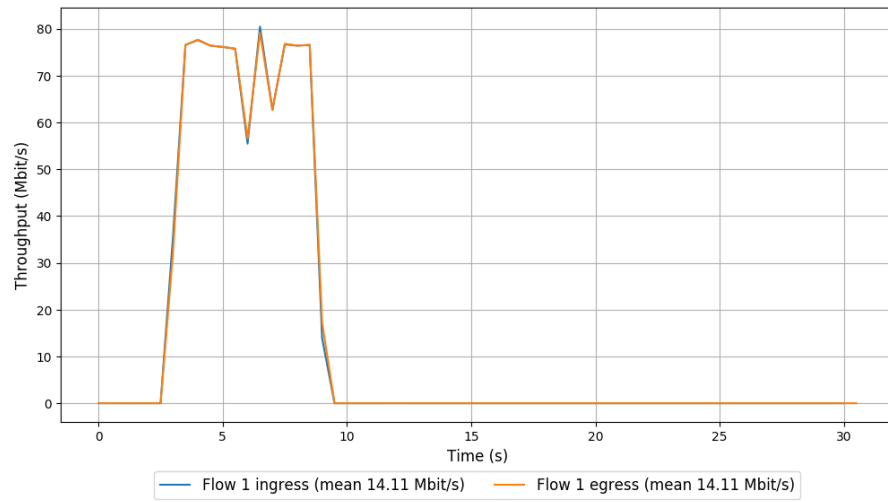
-- Flow 1:

Average throughput: 14.11 Mbit/s

95th percentile per-packet one-way delay: 22.413 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic (toy) — Data Link



Run 5: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:14:55 +0000

End at: Thu, 29 Jun 2017 20:15:25 +0000

Local clock offset: 0.386 ms

Remote clock offset: -2.708 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.04 Mbit/s

95th percentile per-packet one-way delay: 22.027 ms

Loss rate: 0.00%

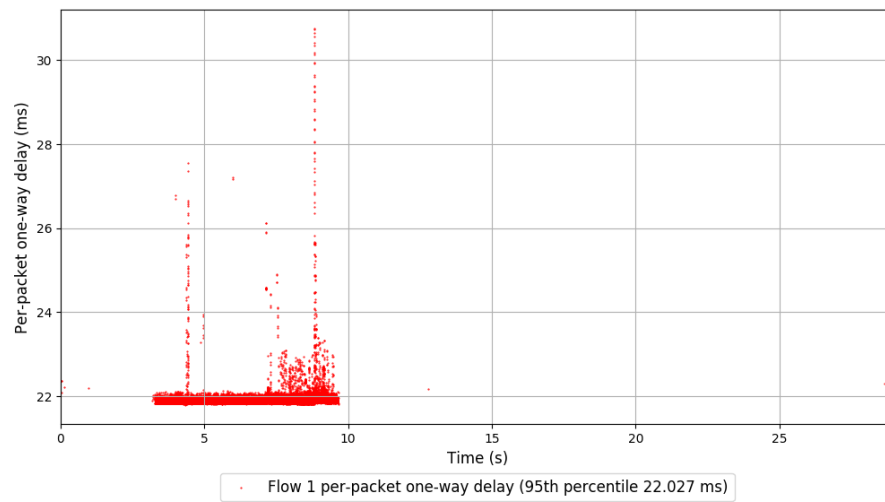
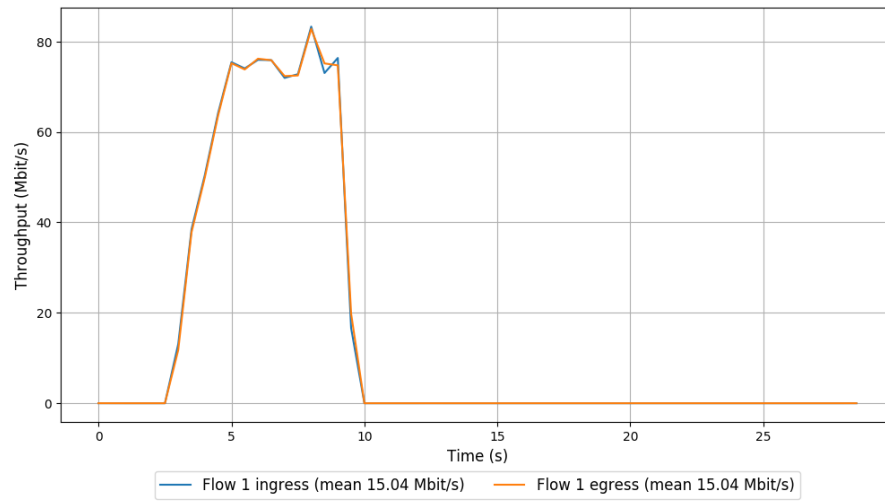
-- Flow 1:

Average throughput: 15.04 Mbit/s

95th percentile per-packet one-way delay: 22.027 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic (toy) — Data Link



Run 6: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:34:45 +0000

End at: Thu, 29 Jun 2017 20:35:15 +0000

Local clock offset: 0.283 ms

Remote clock offset: -2.587 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.35 Mbit/s

95th percentile per-packet one-way delay: 21.801 ms

Loss rate: 0.00%

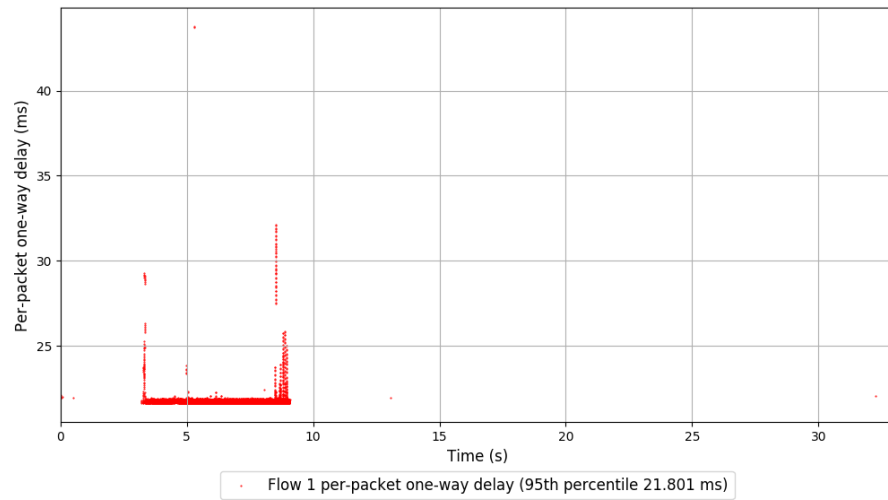
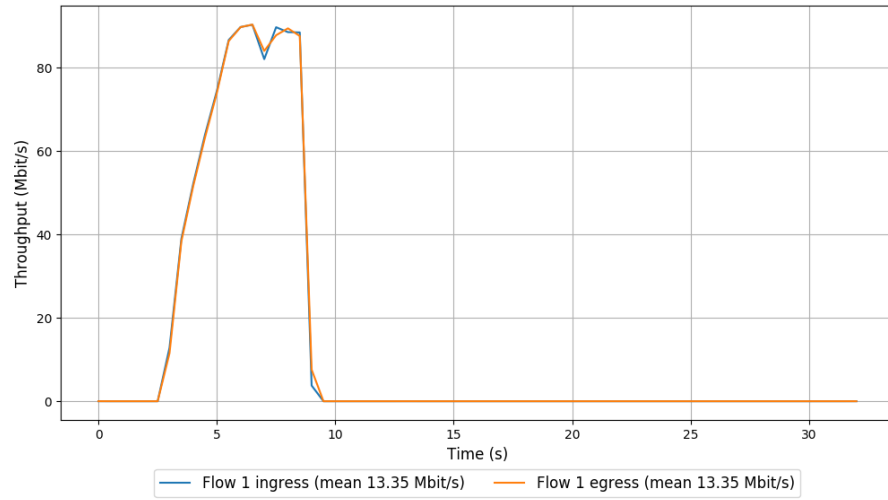
-- Flow 1:

Average throughput: 13.35 Mbit/s

95th percentile per-packet one-way delay: 21.801 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic (toy) — Data Link



Run 7: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 20:54:23 +0000

End at: Thu, 29 Jun 2017 20:54:53 +0000

Local clock offset: 0.214 ms

Remote clock offset: -2.672 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.37 Mbit/s

95th percentile per-packet one-way delay: 21.668 ms

Loss rate: 0.00%

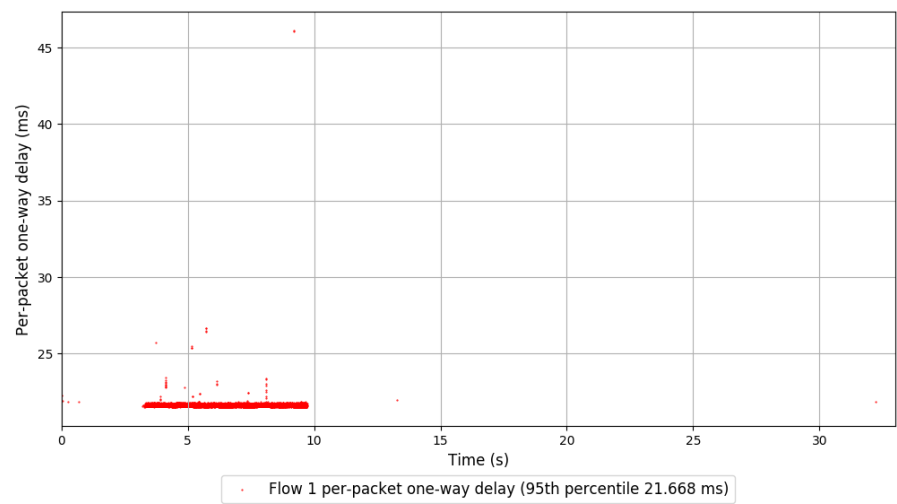
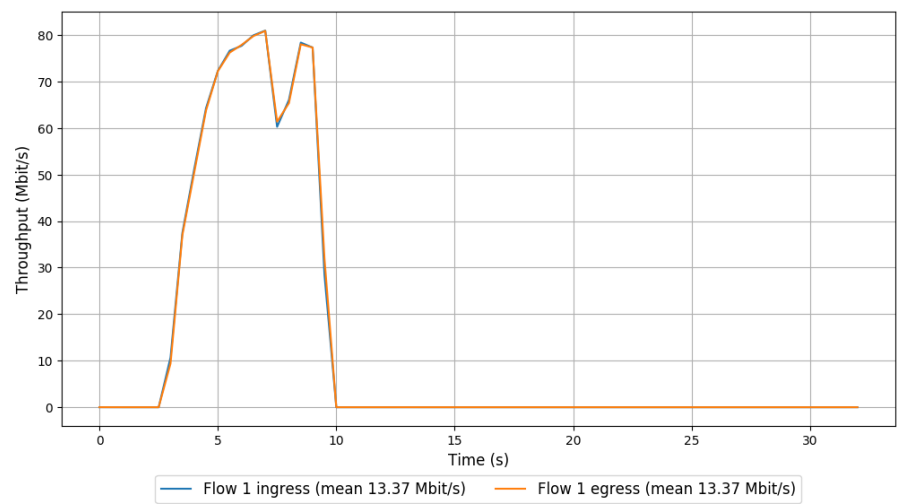
-- Flow 1:

Average throughput: 13.37 Mbit/s

95th percentile per-packet one-way delay: 21.668 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic (toy) — Data Link



Run 8: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:14:07 +0000

End at: Thu, 29 Jun 2017 21:14:37 +0000

Local clock offset: 0.07 ms

Remote clock offset: -2.588 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.81 Mbit/s

95th percentile per-packet one-way delay: 21.401 ms

Loss rate: 0.01%

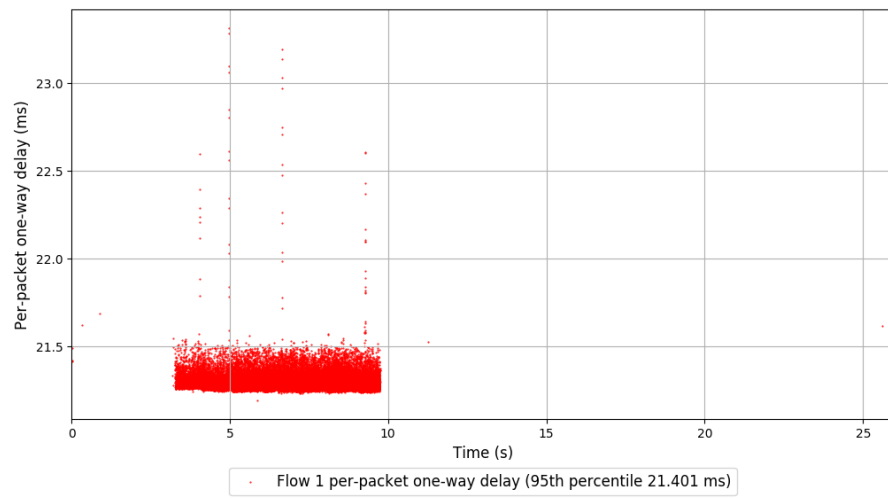
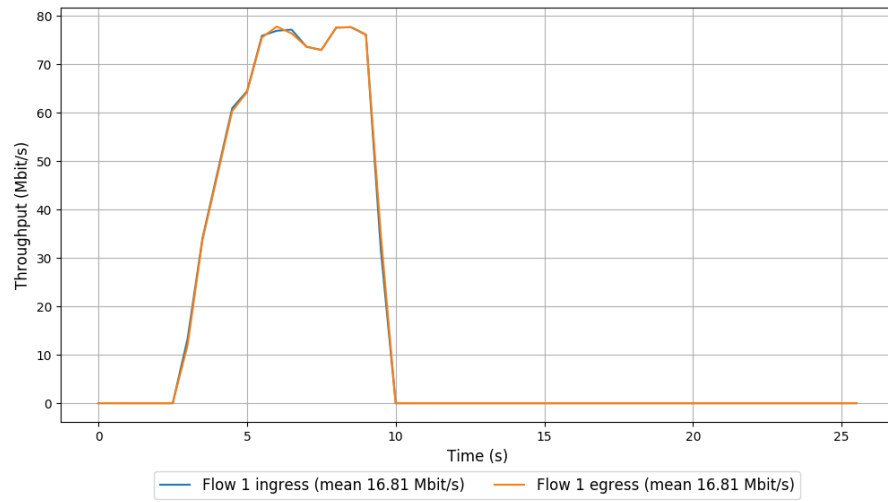
-- Flow 1:

Average throughput: 16.81 Mbit/s

95th percentile per-packet one-way delay: 21.401 ms

Loss rate: 0.01%

Run 8: Report of QUIC Cubic (toy) — Data Link



Run 9: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:33:58 +0000

End at: Thu, 29 Jun 2017 21:34:28 +0000

Local clock offset: -0.063 ms

Remote clock offset: -2.468 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.19 Mbit/s

95th percentile per-packet one-way delay: 21.301 ms

Loss rate: 0.00%

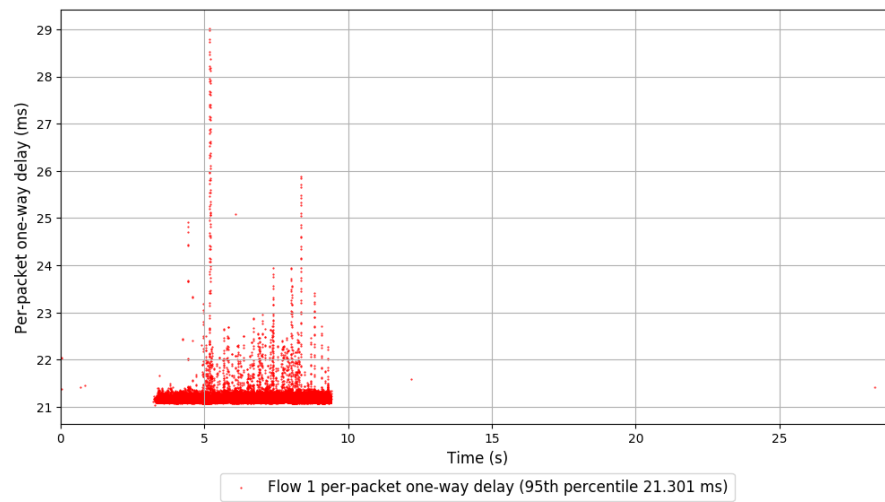
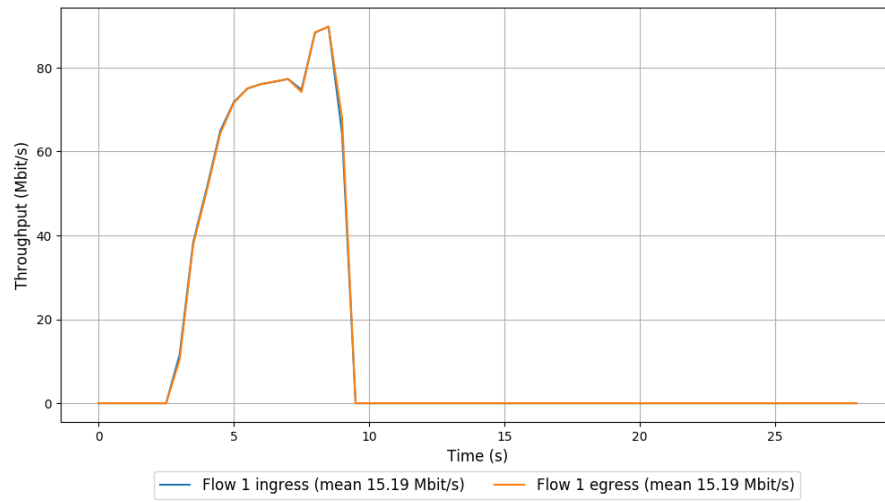
-- Flow 1:

Average throughput: 15.19 Mbit/s

95th percentile per-packet one-way delay: 21.301 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic (toy) — Data Link



Run 10: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 21:53:44 +0000

End at: Thu, 29 Jun 2017 21:54:14 +0000

Local clock offset: -0.277 ms

Remote clock offset: -2.401 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.45 Mbit/s

95th percentile per-packet one-way delay: 21.081 ms

Loss rate: 0.04%

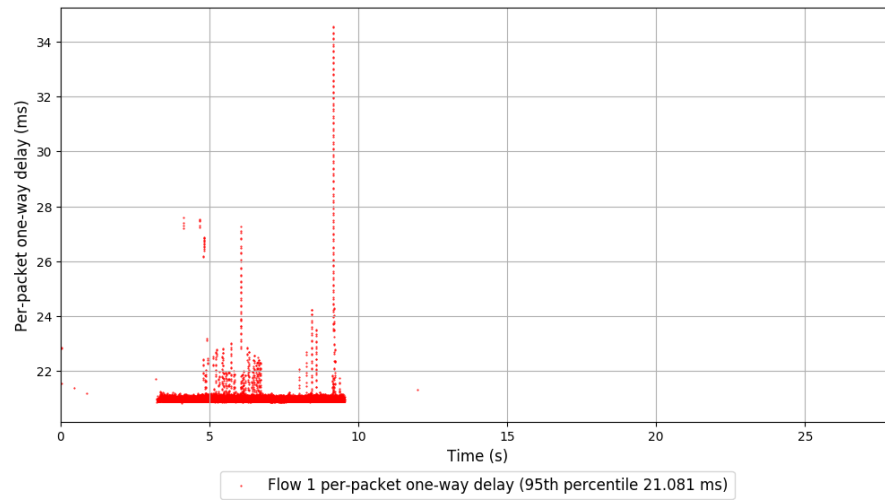
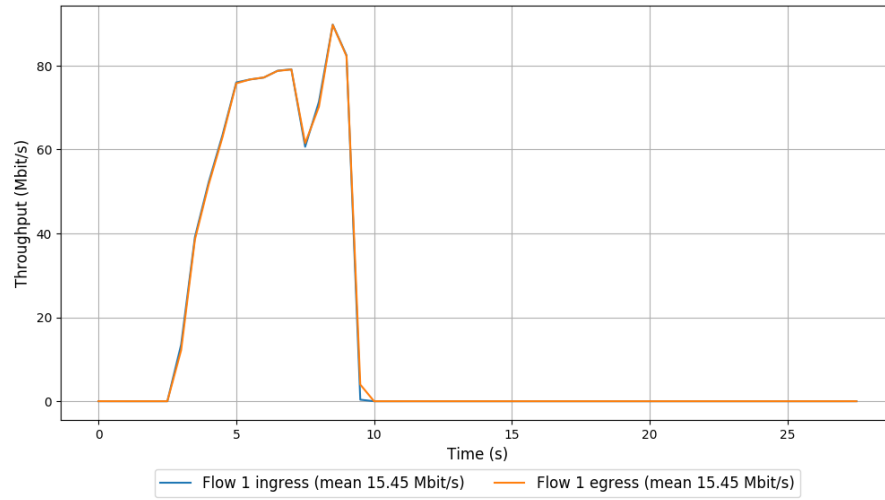
-- Flow 1:

Average throughput: 15.45 Mbit/s

95th percentile per-packet one-way delay: 21.081 ms

Loss rate: 0.04%

Run 10: Report of QUIC Cubic (toy) — Data Link



Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:08:18 +0000

End at: Thu, 29 Jun 2017 19:08:48 +0000

Local clock offset: 0.377 ms

Remote clock offset: -3.574 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.38 Mbit/s

95th percentile per-packet one-way delay: 23.247 ms

Loss rate: 0.08%

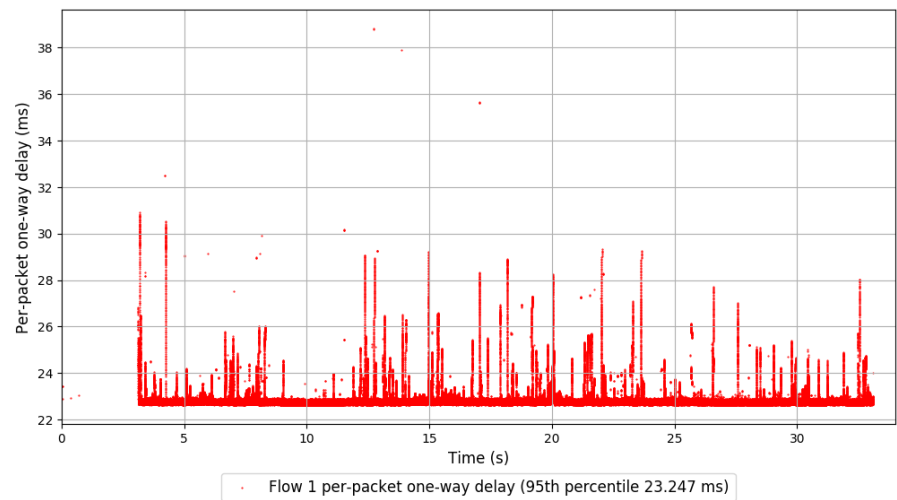
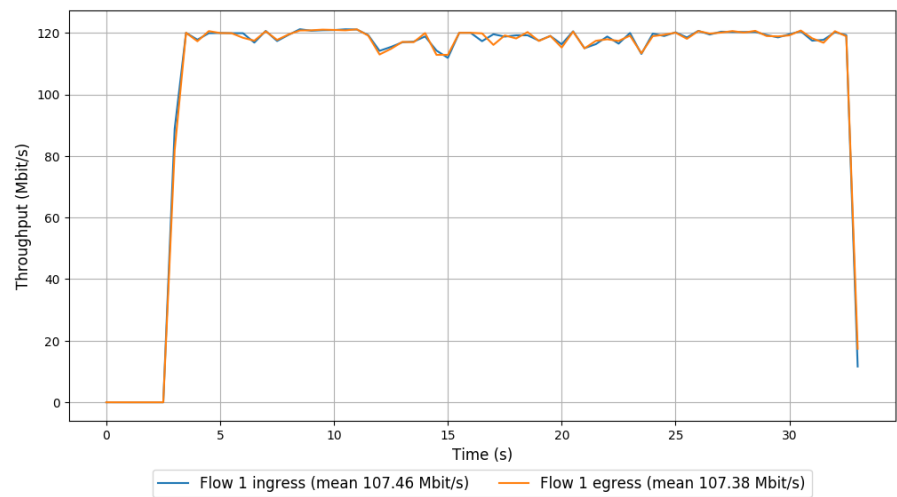
-- Flow 1:

Average throughput: 107.38 Mbit/s

95th percentile per-packet one-way delay: 23.247 ms

Loss rate: 0.08%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:28:03 +0000

End at: Thu, 29 Jun 2017 19:28:33 +0000

Local clock offset: 0.574 ms

Remote clock offset: -3.048 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.42 Mbit/s

95th percentile per-packet one-way delay: 22.650 ms

Loss rate: 0.05%

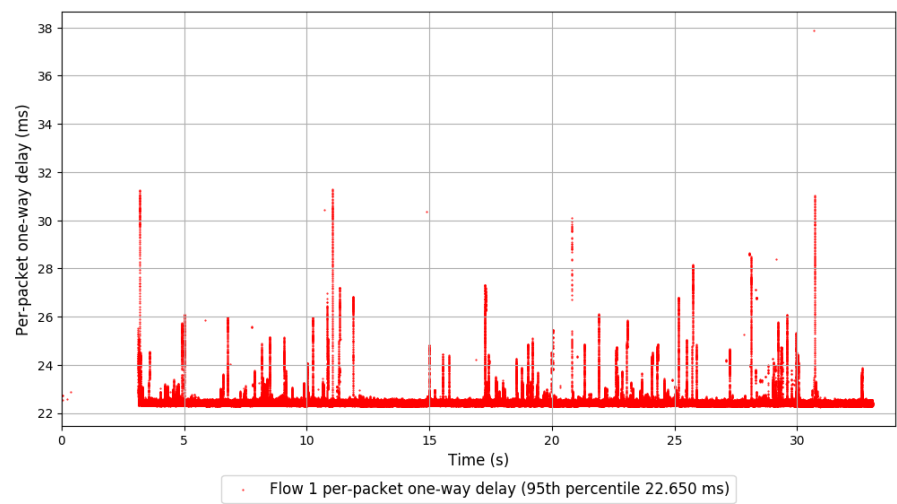
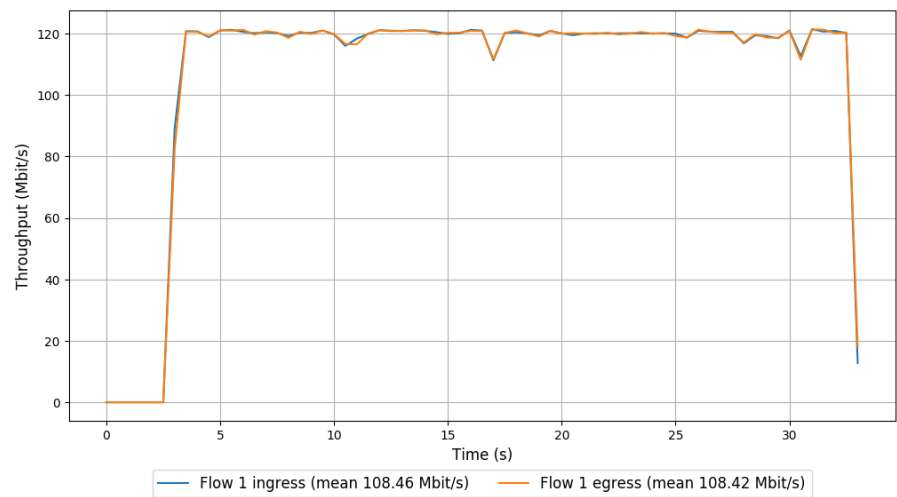
-- Flow 1:

Average throughput: 108.42 Mbit/s

95th percentile per-packet one-way delay: 22.650 ms

Loss rate: 0.05%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Thu, 29 Jun 2017 19:47:53 +0000

End at: Thu, 29 Jun 2017 19:48:23 +0000

Local clock offset: 0.644 ms

Remote clock offset: -2.96 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.25 Mbit/s

95th percentile per-packet one-way delay: 22.673 ms

Loss rate: 0.06%

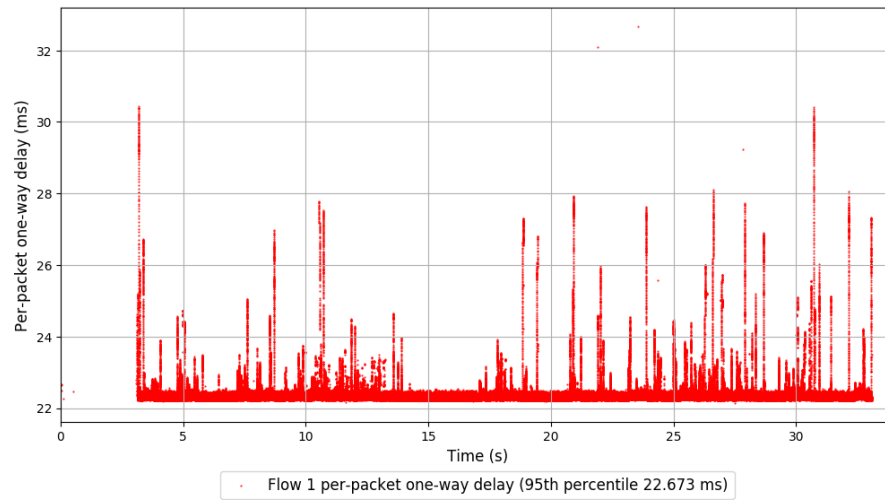
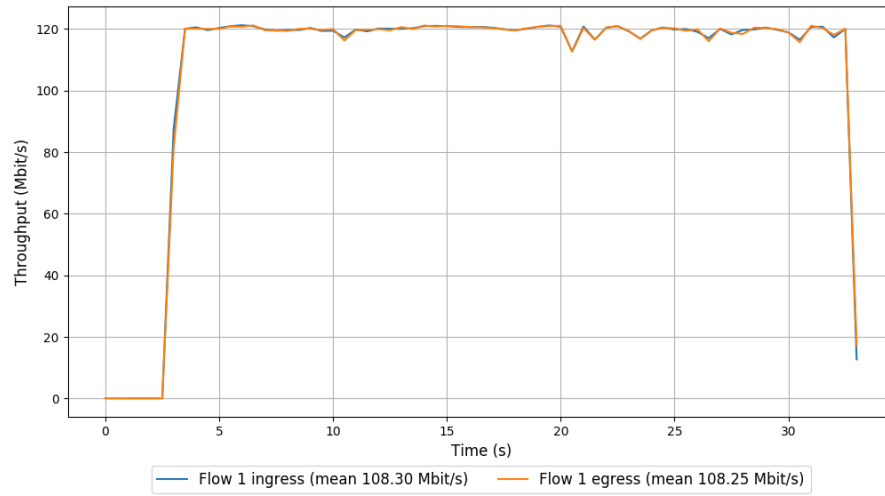
-- Flow 1:

Average throughput: 108.25 Mbit/s

95th percentile per-packet one-way delay: 22.673 ms

Loss rate: 0.06%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:07:15 +0000

End at: Thu, 29 Jun 2017 20:07:45 +0000

Local clock offset: 0.462 ms

Remote clock offset: -2.861 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.53 Mbit/s

95th percentile per-packet one-way delay: 22.392 ms

Loss rate: 0.03%

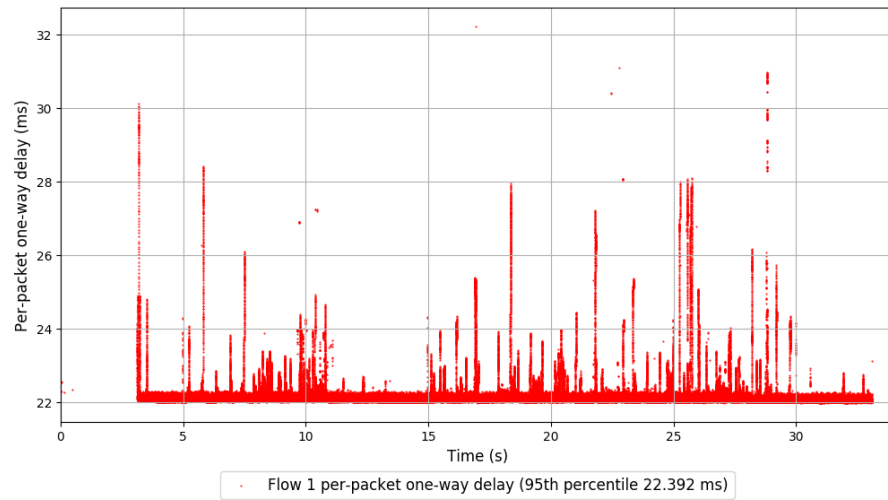
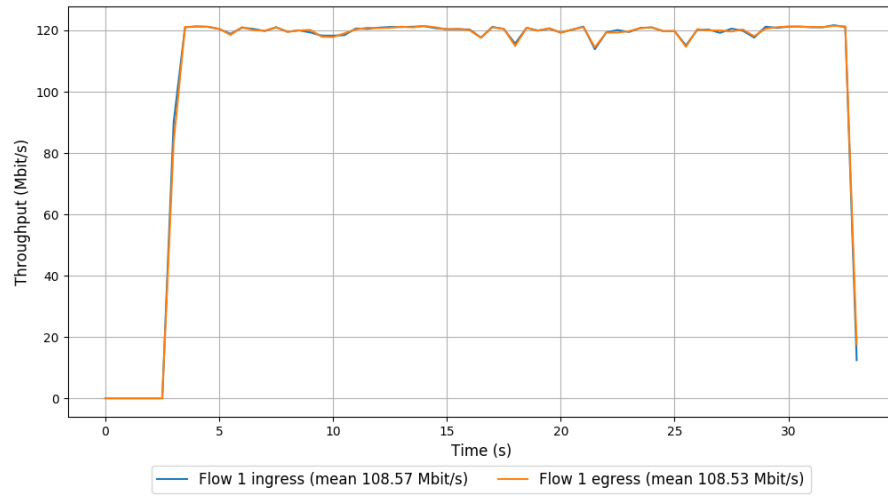
-- Flow 1:

Average throughput: 108.53 Mbit/s

95th percentile per-packet one-way delay: 22.392 ms

Loss rate: 0.03%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:27:01 +0000

End at: Thu, 29 Jun 2017 20:27:31 +0000

Local clock offset: 0.39 ms

Remote clock offset: -2.626 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.16 Mbit/s

95th percentile per-packet one-way delay: 22.219 ms

Loss rate: 0.03%

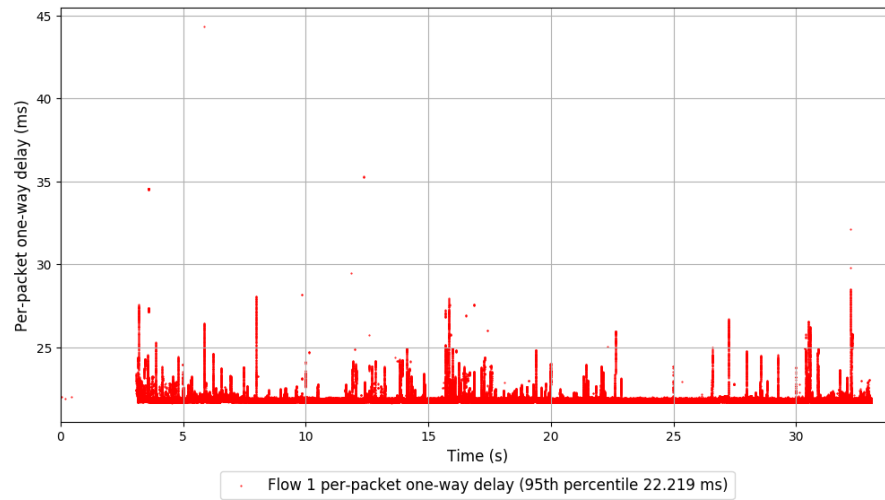
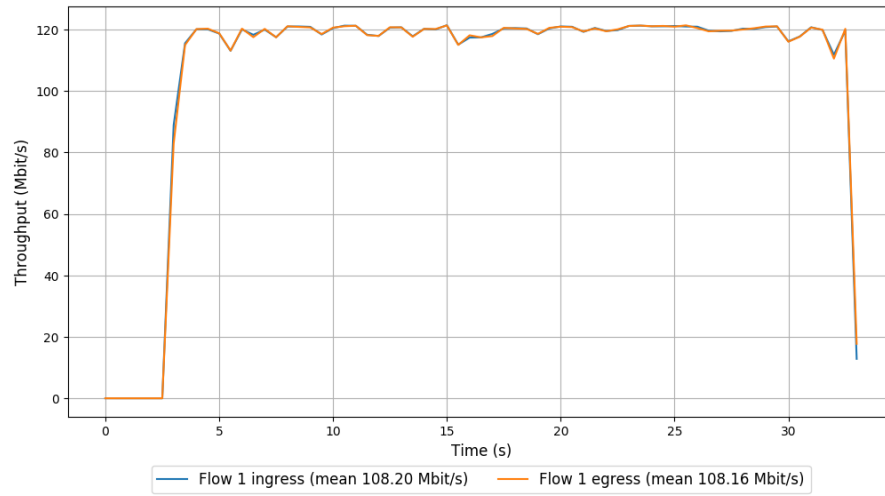
-- Flow 1:

Average throughput: 108.16 Mbit/s

95th percentile per-packet one-way delay: 22.219 ms

Loss rate: 0.03%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:47:04 +0000

End at: Thu, 29 Jun 2017 20:47:34 +0000

Local clock offset: 0.161 ms

Remote clock offset: -2.598 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.76 Mbit/s

95th percentile per-packet one-way delay: 22.057 ms

Loss rate: 0.07%

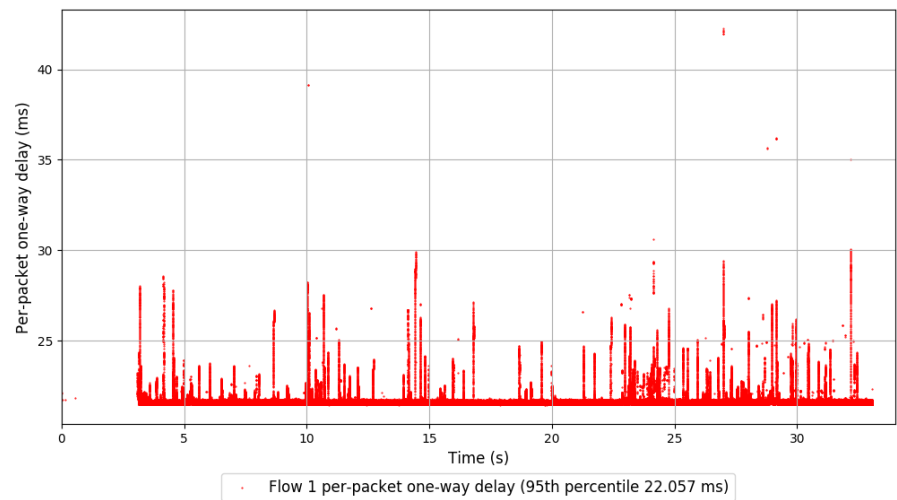
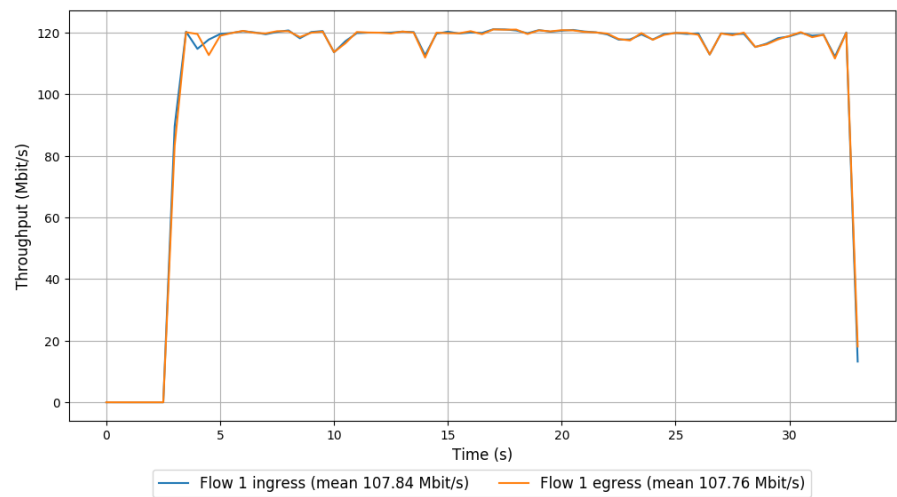
-- Flow 1:

Average throughput: 107.76 Mbit/s

95th percentile per-packet one-way delay: 22.057 ms

Loss rate: 0.07%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:06:30 +0000

End at: Thu, 29 Jun 2017 21:07:00 +0000

Local clock offset: 0.075 ms

Remote clock offset: -2.556 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:54:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.03 Mbit/s

95th percentile per-packet one-way delay: 22.054 ms

Loss rate: 0.07%

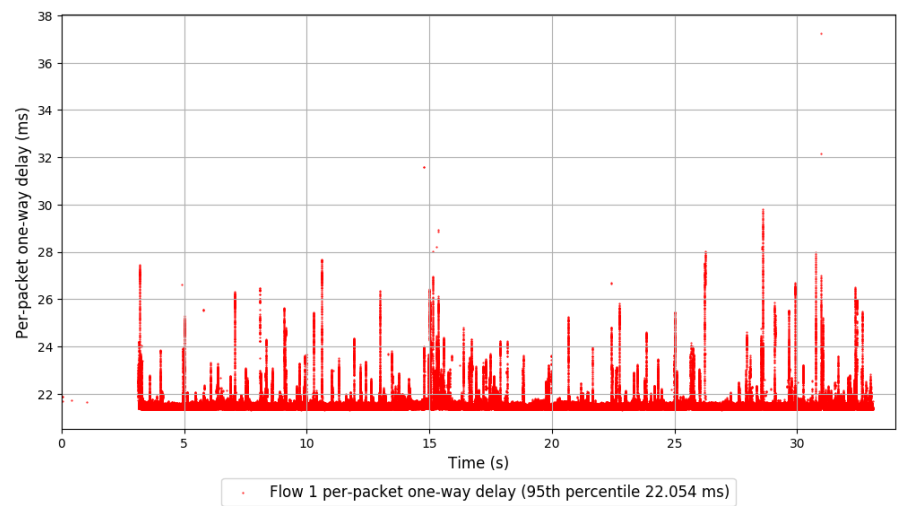
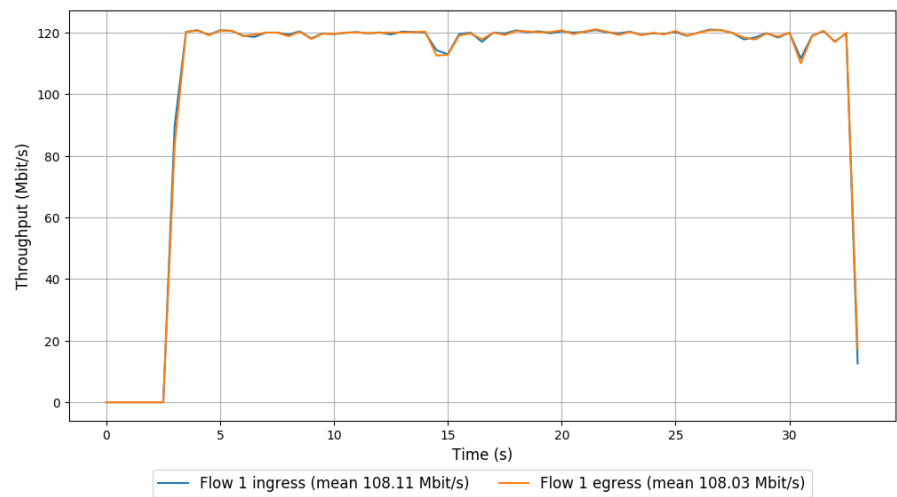
-- Flow 1:

Average throughput: 108.03 Mbit/s

95th percentile per-packet one-way delay: 22.054 ms

Loss rate: 0.07%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:26:11 +0000

End at: Thu, 29 Jun 2017 21:26:41 +0000

Local clock offset: -0.093 ms

Remote clock offset: -2.587 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 108.63 Mbit/s

95th percentile per-packet one-way delay: 21.623 ms

Loss rate: 0.05%

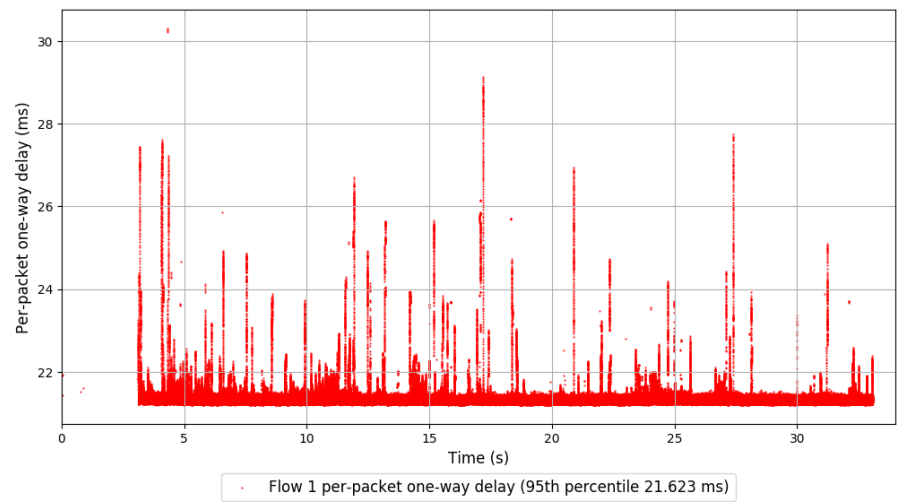
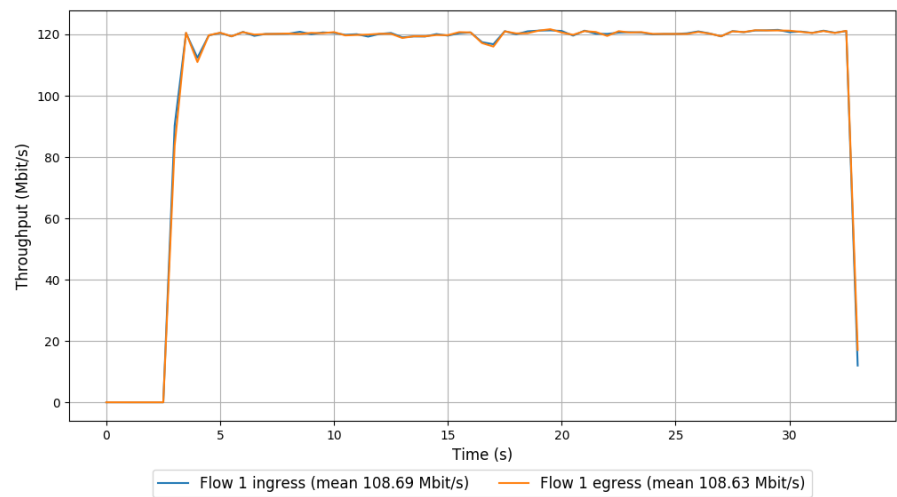
-- Flow 1:

Average throughput: 108.63 Mbit/s

95th percentile per-packet one-way delay: 21.623 ms

Loss rate: 0.05%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Thu, 29 Jun 2017 21:45:59 +0000

End at: Thu, 29 Jun 2017 21:46:29 +0000

Local clock offset: -0.151 ms

Remote clock offset: -2.477 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 114.46 Mbit/s

95th percentile per-packet one-way delay: 21.588 ms

Loss rate: 0.12%

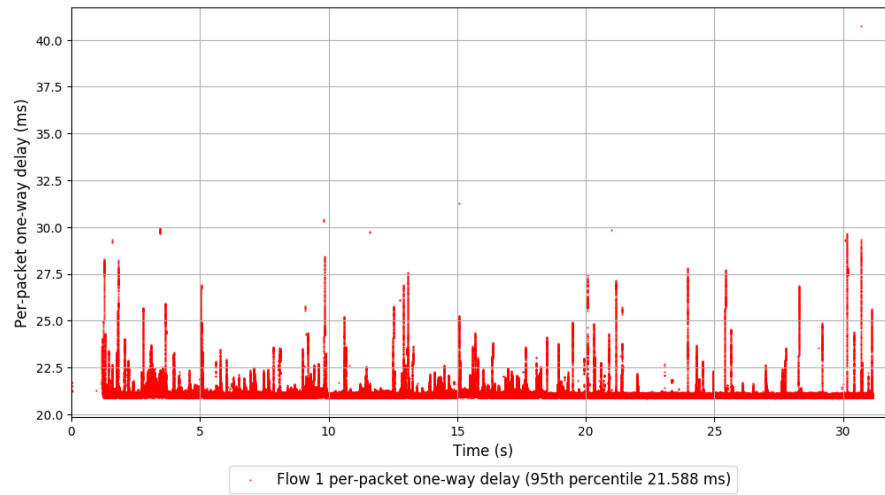
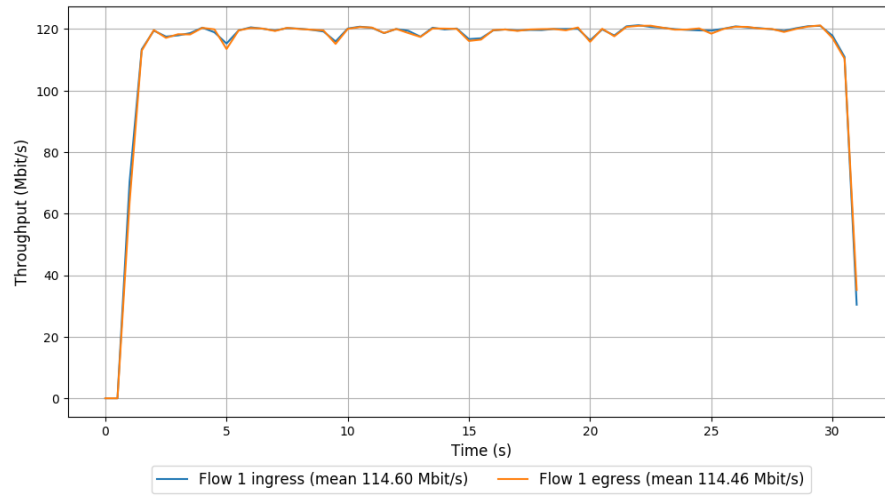
-- Flow 1:

Average throughput: 114.46 Mbit/s

95th percentile per-packet one-way delay: 21.588 ms

Loss rate: 0.12%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:05:53 +0000

End at: Thu, 29 Jun 2017 22:06:23 +0000

Local clock offset: -0.185 ms

Remote clock offset: -2.435 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.99 Mbit/s

95th percentile per-packet one-way delay: 21.446 ms

Loss rate: 0.04%

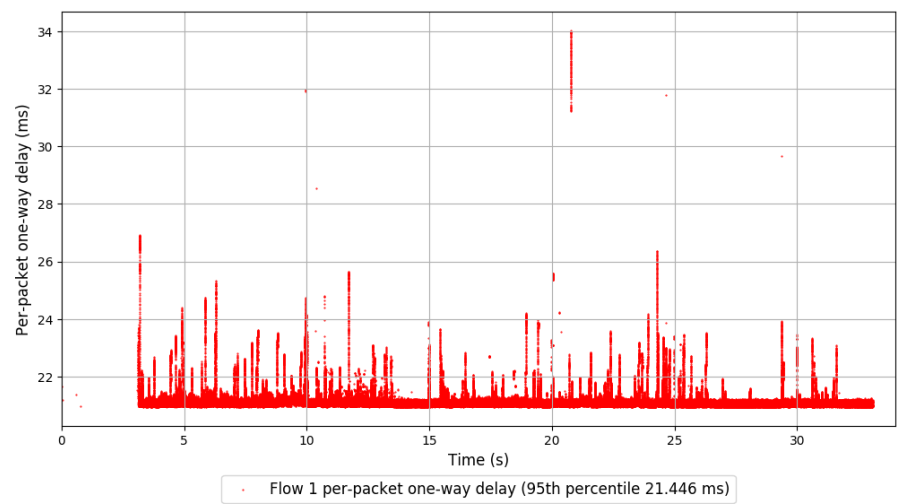
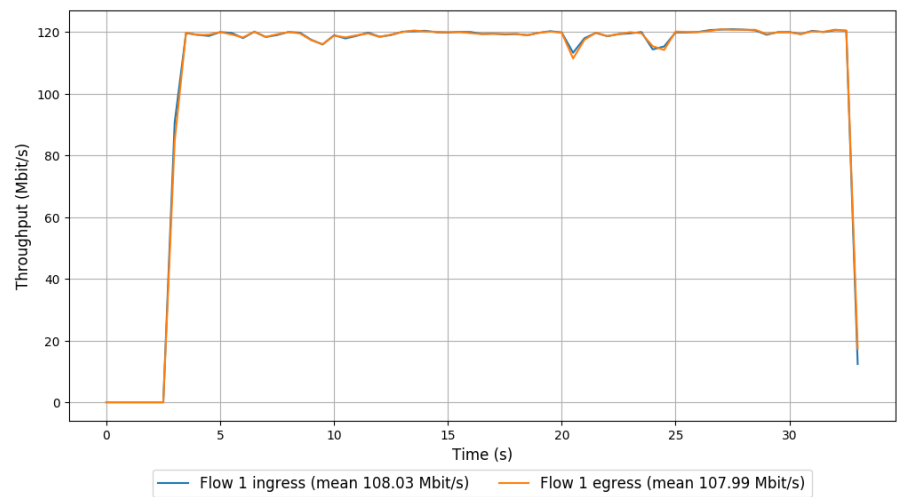
-- Flow 1:

Average throughput: 107.99 Mbit/s

95th percentile per-packet one-way delay: 21.446 ms

Loss rate: 0.04%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:12:04 +0000

End at: Thu, 29 Jun 2017 19:12:34 +0000

Local clock offset: 0.471 ms

Remote clock offset: -3.347 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 23.110 ms

Loss rate: 0.00%

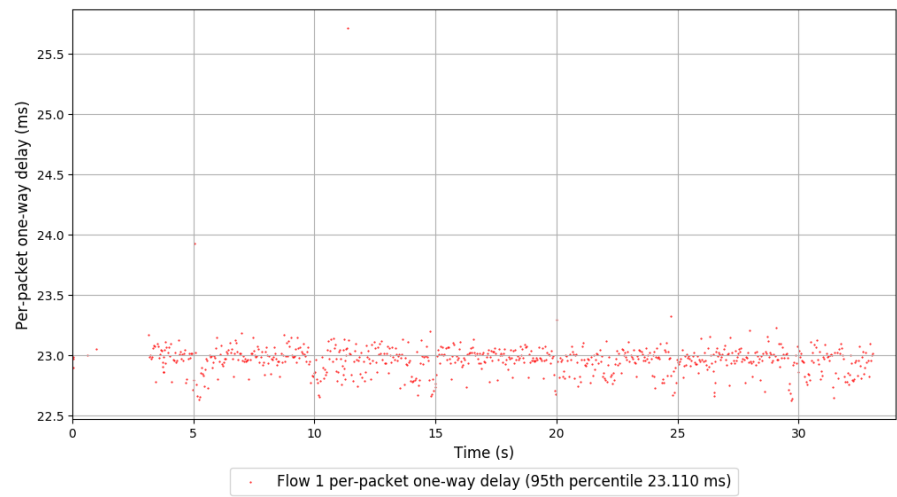
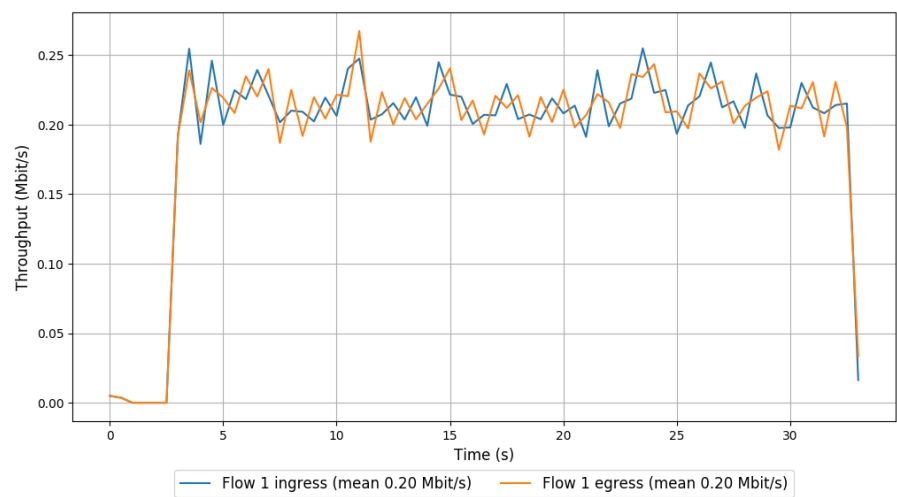
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 23.110 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:31:46 +0000

End at: Thu, 29 Jun 2017 19:32:16 +0000

Local clock offset: 0.615 ms

Remote clock offset: -2.99 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.773 ms

Loss rate: 0.13%

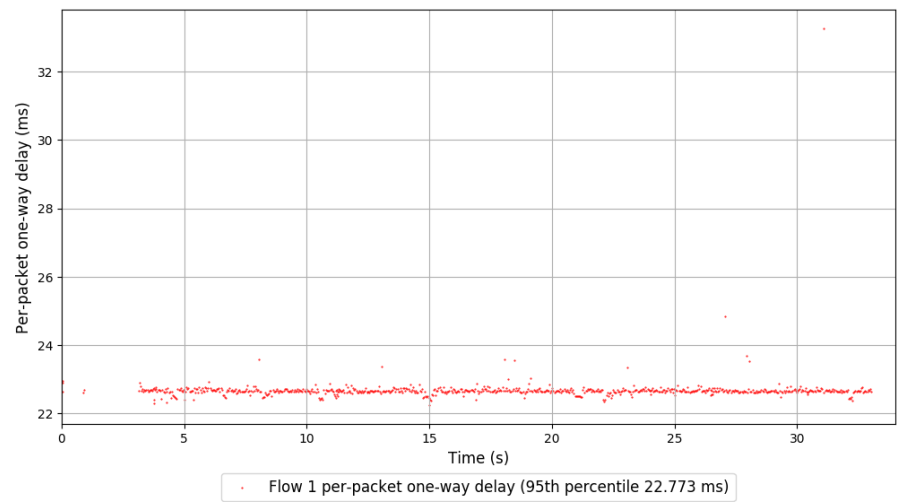
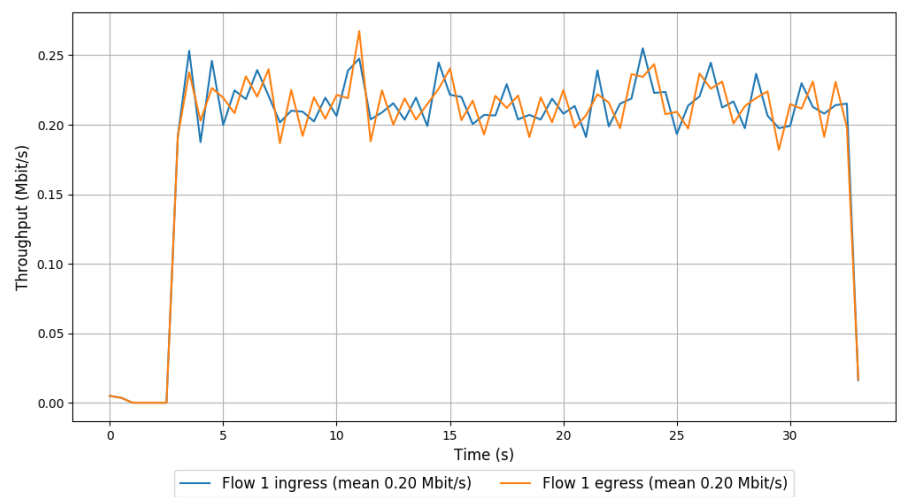
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.773 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:51:36 +0000

End at: Thu, 29 Jun 2017 19:52:06 +0000

Local clock offset: 0.625 ms

Remote clock offset: -2.977 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 22.748 ms

Loss rate: 0.24%

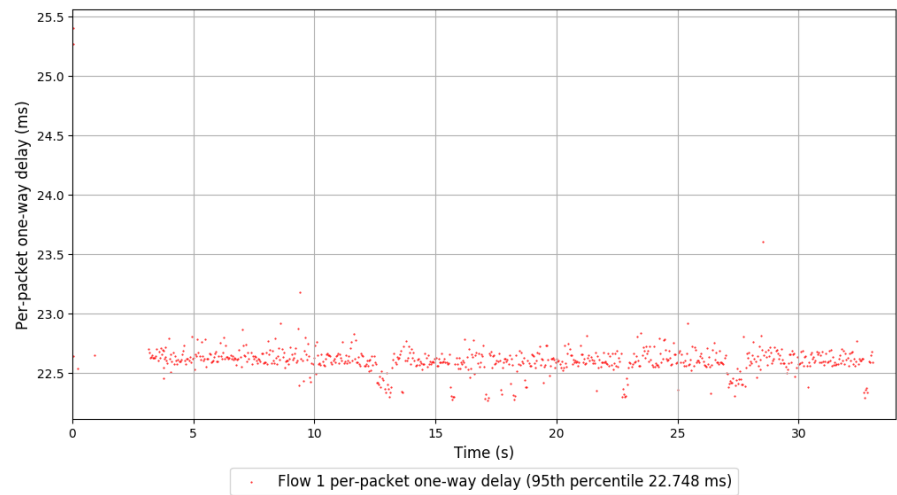
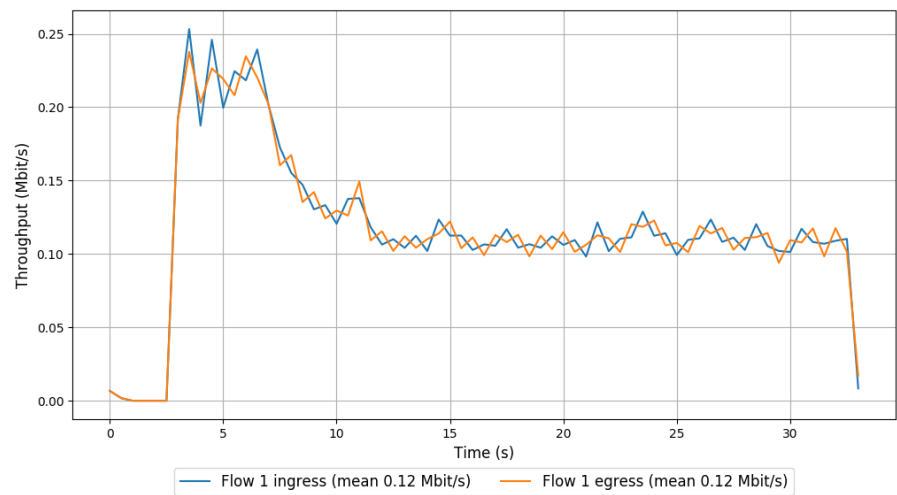
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 22.748 ms

Loss rate: 0.24%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:10:57 +0000

End at: Thu, 29 Jun 2017 20:11:27 +0000

Local clock offset: 0.52 ms

Remote clock offset: -2.724 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.381 ms

Loss rate: 0.00%

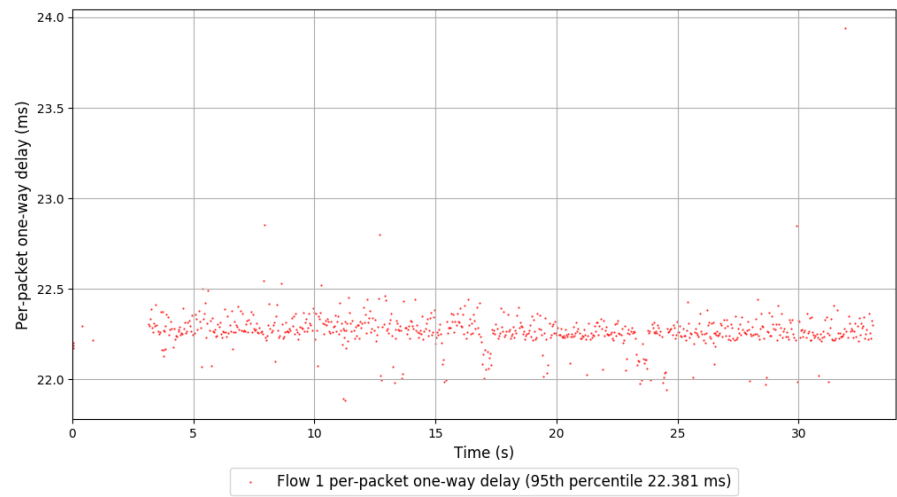
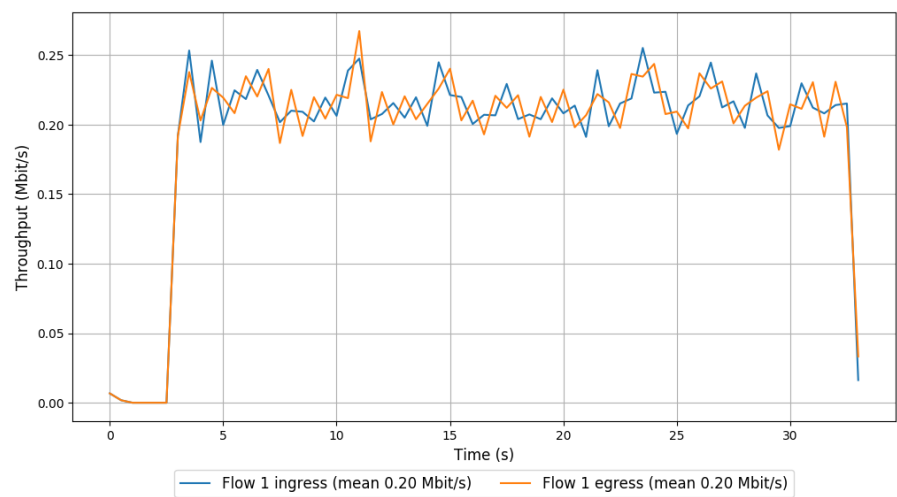
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.381 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:30:43 +0000

End at: Thu, 29 Jun 2017 20:31:13 +0000

Local clock offset: 0.375 ms

Remote clock offset: -2.662 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.180 ms

Loss rate: 0.00%

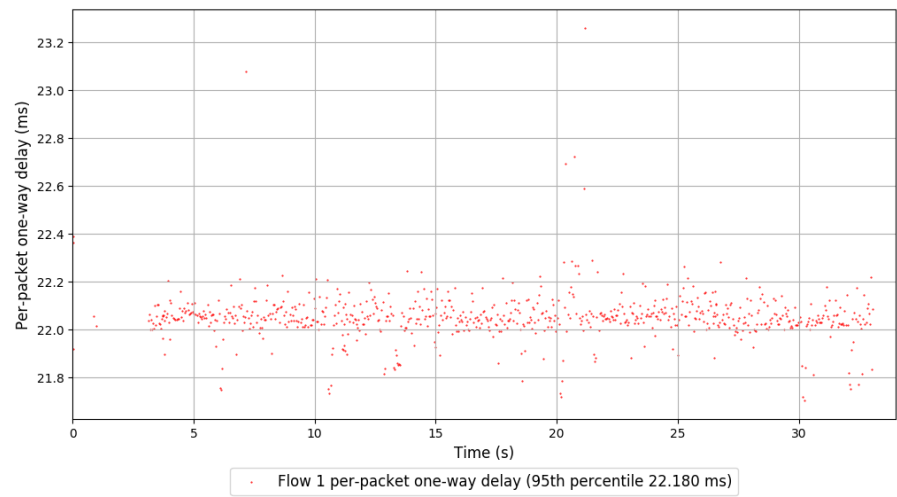
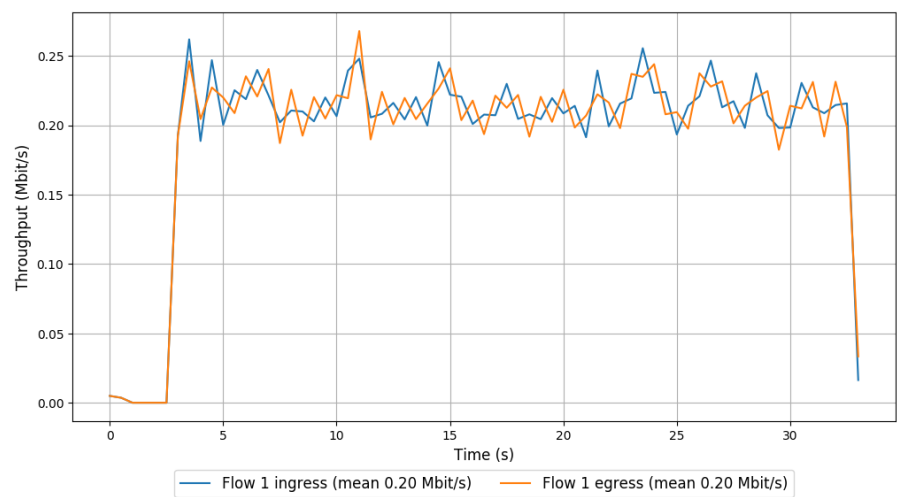
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.180 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:50:48 +0000

End at: Thu, 29 Jun 2017 20:51:18 +0000

Local clock offset: 0.22 ms

Remote clock offset: -2.69 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.056 ms

Loss rate: 0.00%

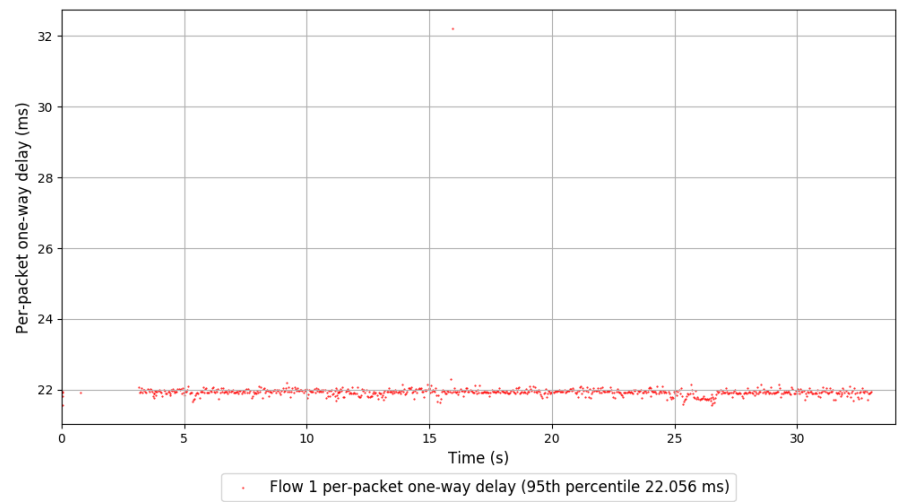
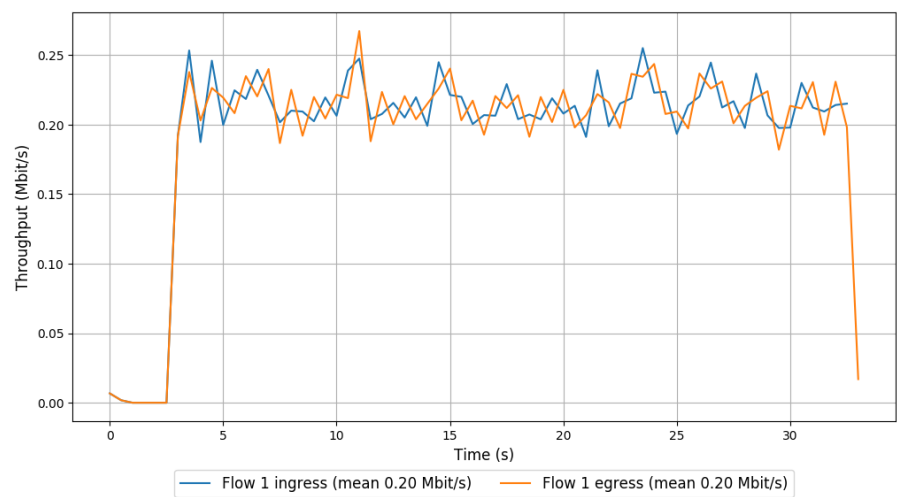
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 22.056 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:10:12 +0000

End at: Thu, 29 Jun 2017 21:10:42 +0000

Local clock offset: -0.001 ms

Remote clock offset: -2.612 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.800 ms

Loss rate: 0.00%

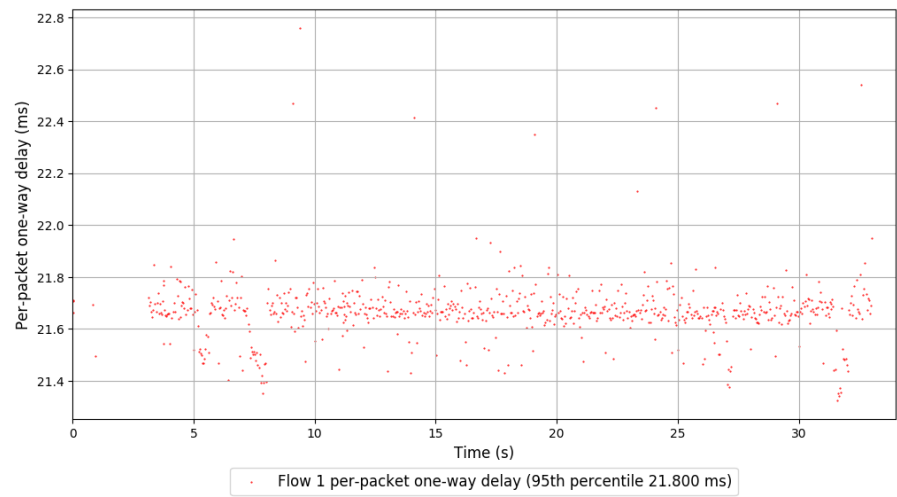
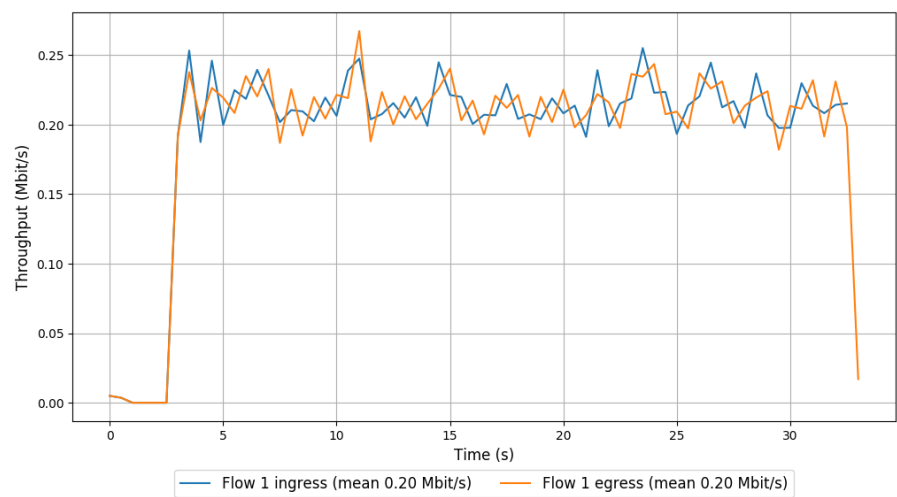
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.800 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:29:55 +0000

End at: Thu, 29 Jun 2017 21:30:25 +0000

Local clock offset: 0.003 ms

Remote clock offset: -2.561 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.668 ms

Loss rate: 0.00%

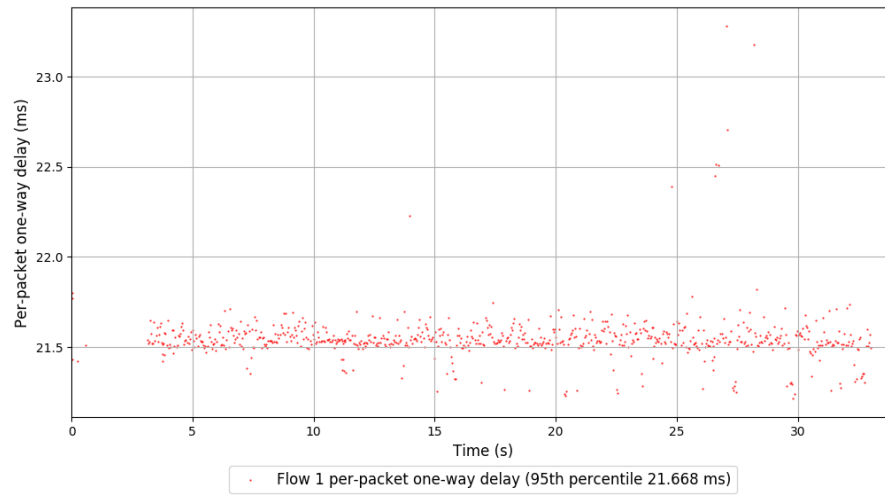
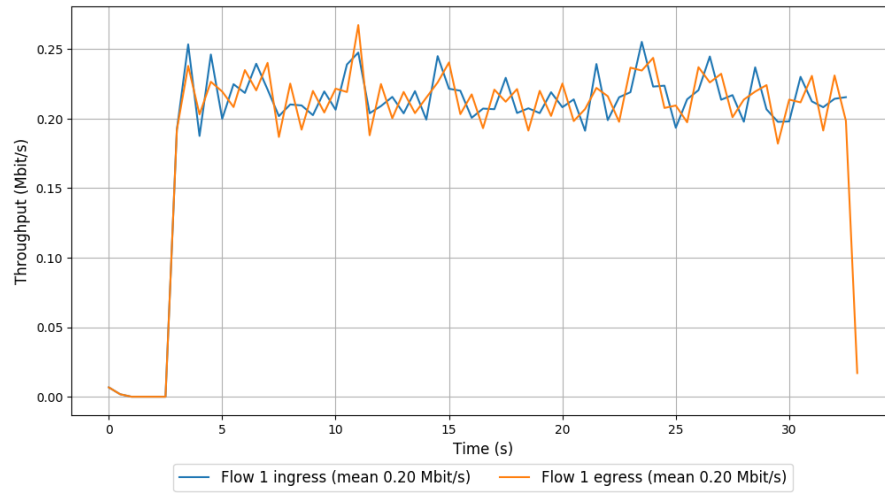
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.668 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 21:49:42 +0000

End at: Thu, 29 Jun 2017 21:50:12 +0000

Local clock offset: -0.287 ms

Remote clock offset: -2.378 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.421 ms

Loss rate: 0.00%

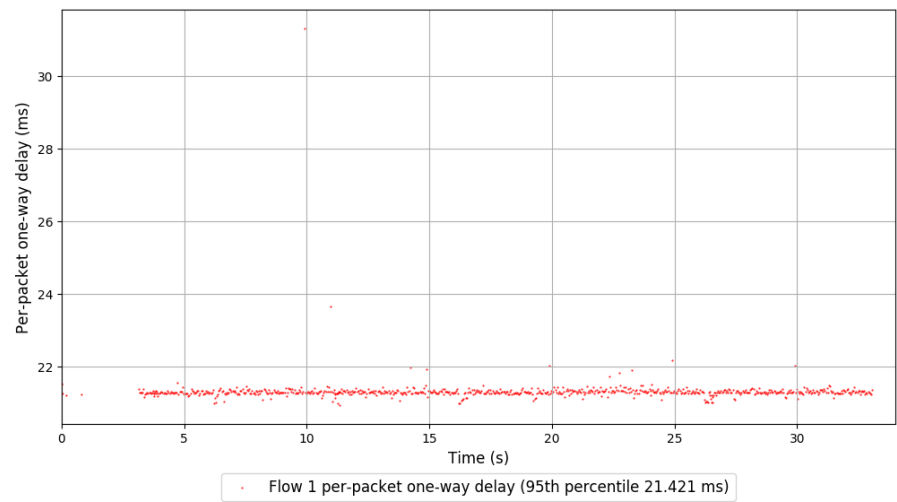
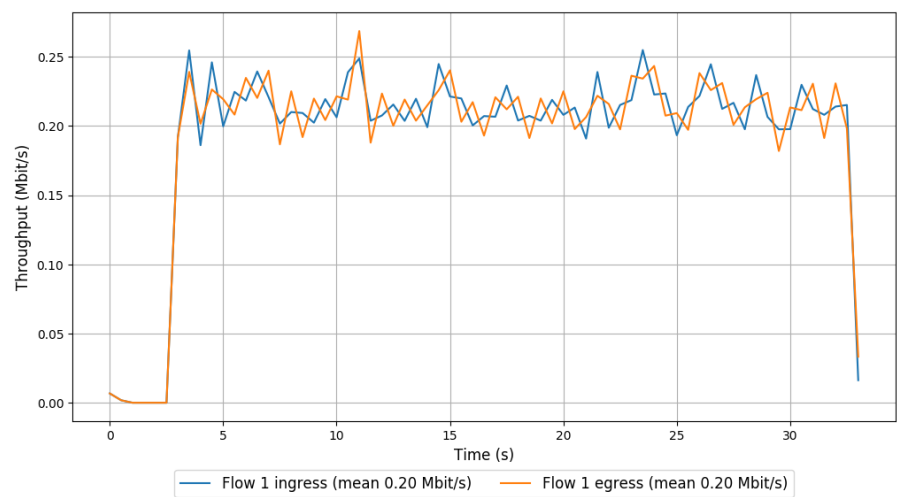
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.421 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:09:36 +0000

End at: Thu, 29 Jun 2017 22:10:06 +0000

Local clock offset: -0.183 ms

Remote clock offset: -2.454 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.503 ms

Loss rate: 0.00%

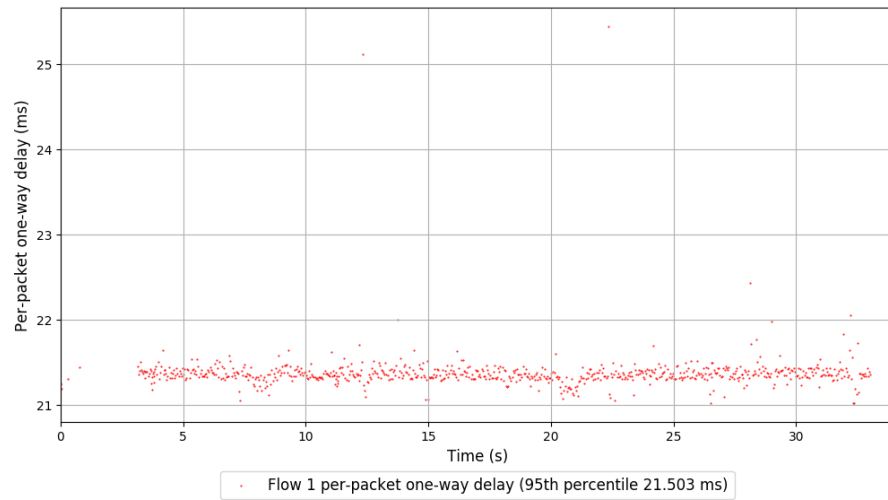
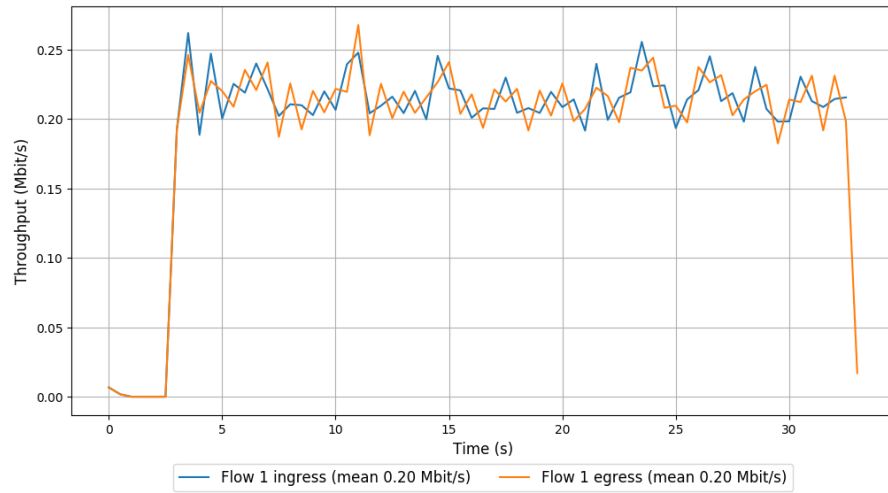
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 21.503 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Thu, 29 Jun 2017 18:57:30 +0000

End at: Thu, 29 Jun 2017 18:58:00 +0000

Local clock offset: 0.411 ms

Remote clock offset: -3.704 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 24.694 ms

Loss rate: 0.00%

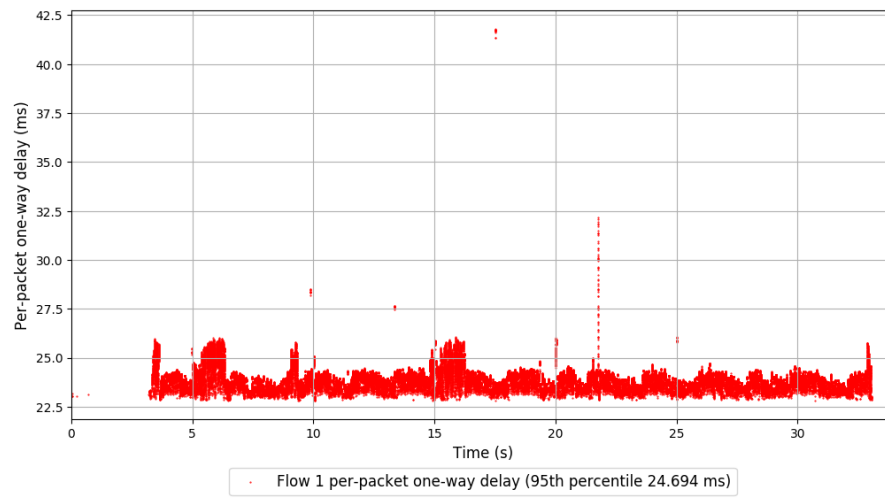
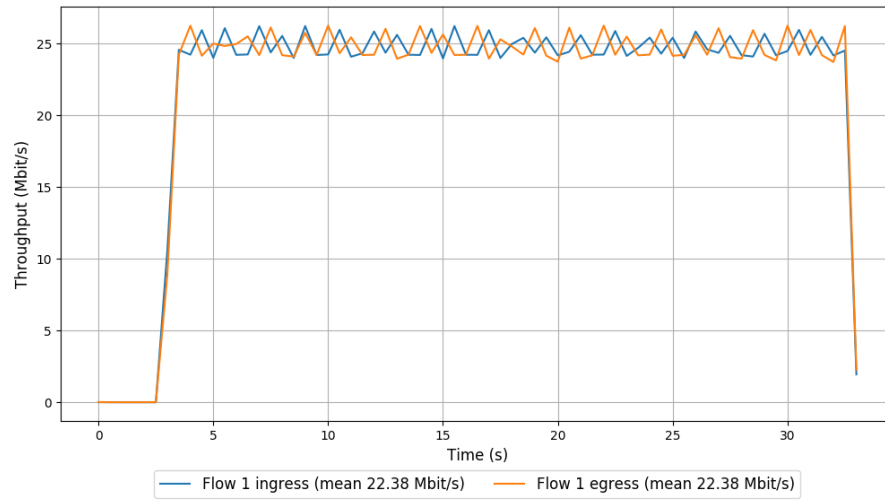
-- Flow 1:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 24.694 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:17:12 +0000

End at: Thu, 29 Jun 2017 19:17:42 +0000

Local clock offset: 0.442 ms

Remote clock offset: -3.336 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.32 Mbit/s

95th percentile per-packet one-way delay: 24.741 ms

Loss rate: 0.00%

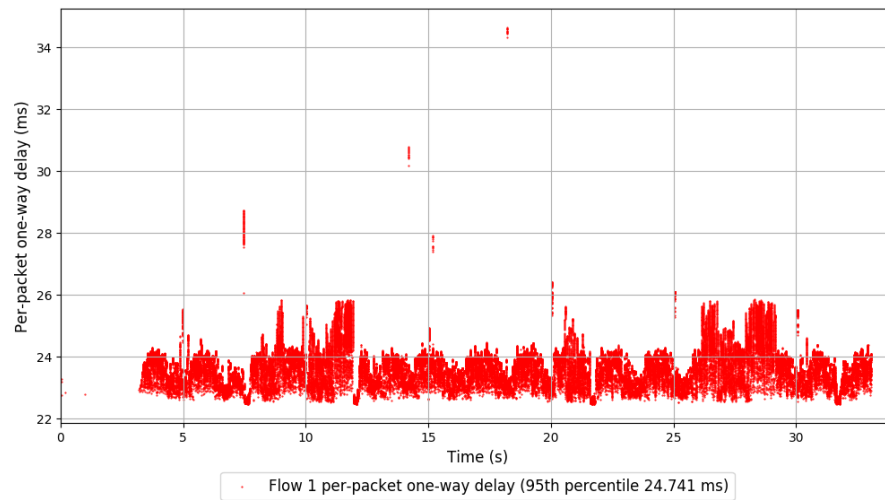
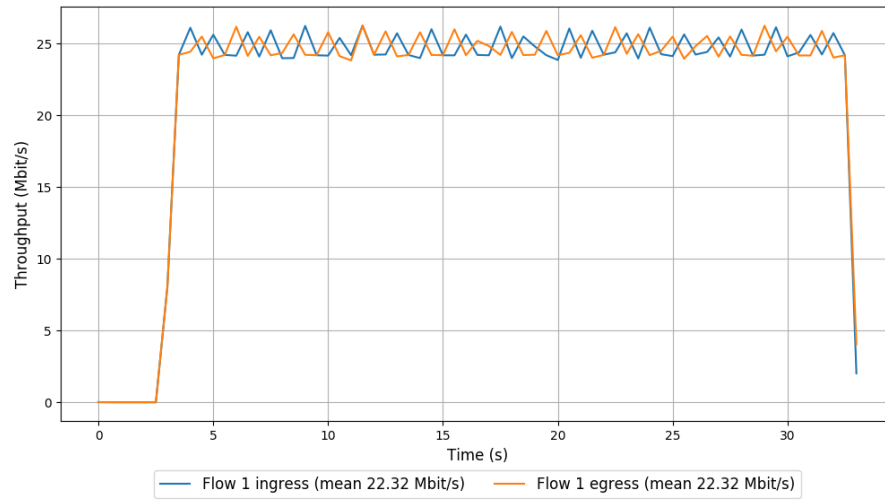
-- Flow 1:

Average throughput: 22.32 Mbit/s

95th percentile per-packet one-way delay: 24.741 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:36:57 +0000

End at: Thu, 29 Jun 2017 19:37:27 +0000

Local clock offset: 0.664 ms

Remote clock offset: -2.877 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 24.387 ms

Loss rate: 0.01%

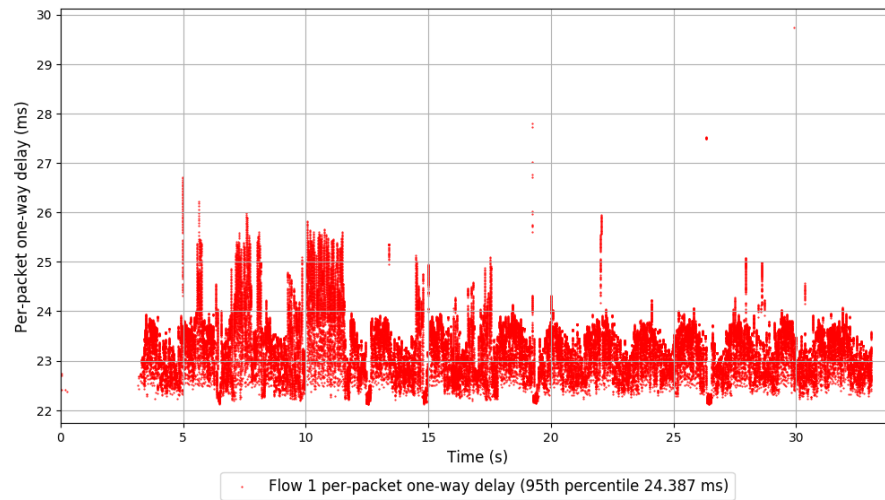
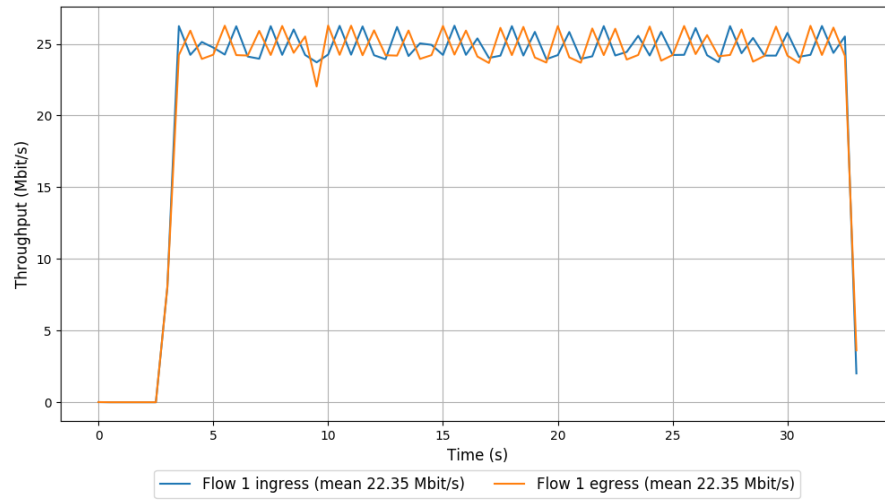
-- Flow 1:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 24.387 ms

Loss rate: 0.01%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Thu, 29 Jun 2017 19:56:22 +0000

End at: Thu, 29 Jun 2017 19:56:52 +0000

Local clock offset: 0.526 ms

Remote clock offset: -2.97 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 25.120 ms

Loss rate: 0.00%

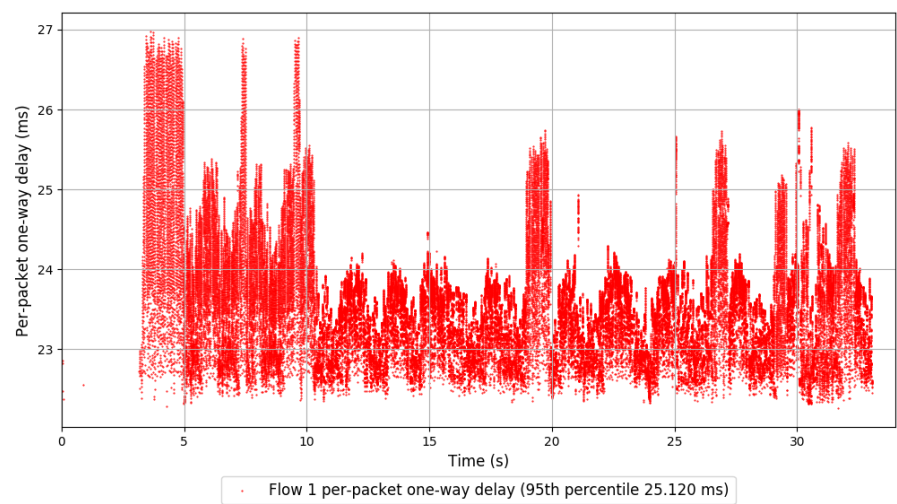
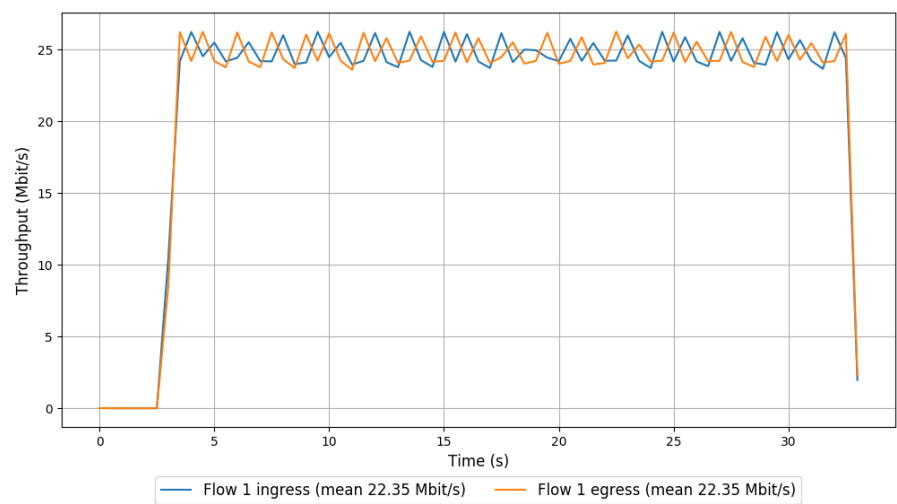
-- Flow 1:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 25.120 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:16:06 +0000

End at: Thu, 29 Jun 2017 20:16:36 +0000

Local clock offset: 0.382 ms

Remote clock offset: -2.697 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.42 Mbit/s

95th percentile per-packet one-way delay: 24.620 ms

Loss rate: 0.00%

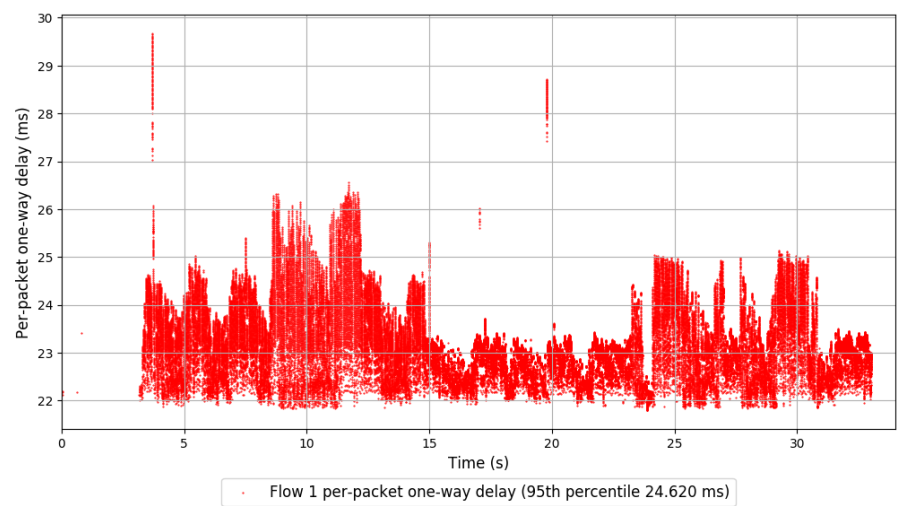
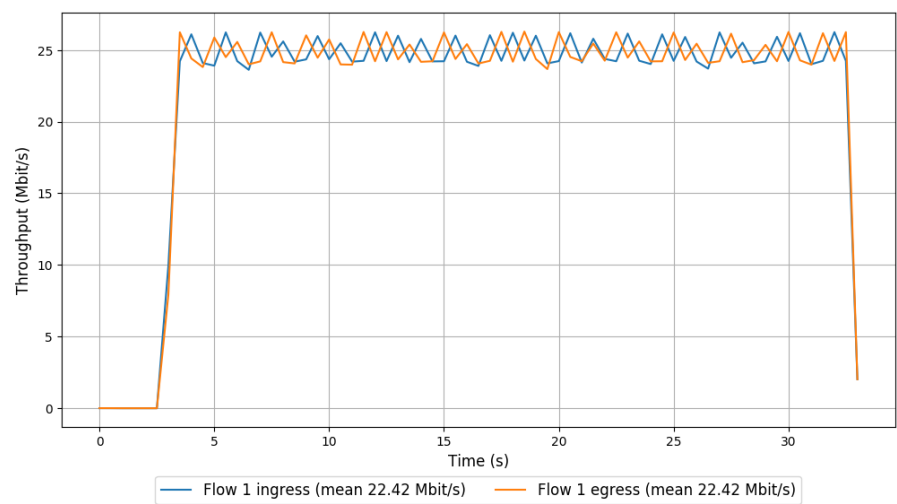
-- Flow 1:

Average throughput: 22.42 Mbit/s

95th percentile per-packet one-way delay: 24.620 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:35:56 +0000

End at: Thu, 29 Jun 2017 20:36:26 +0000

Local clock offset: 0.333 ms

Remote clock offset: -2.594 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.00%

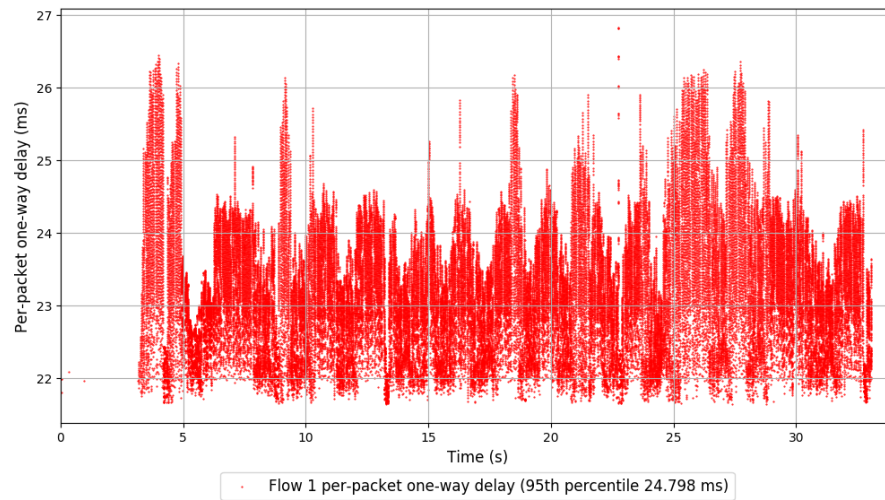
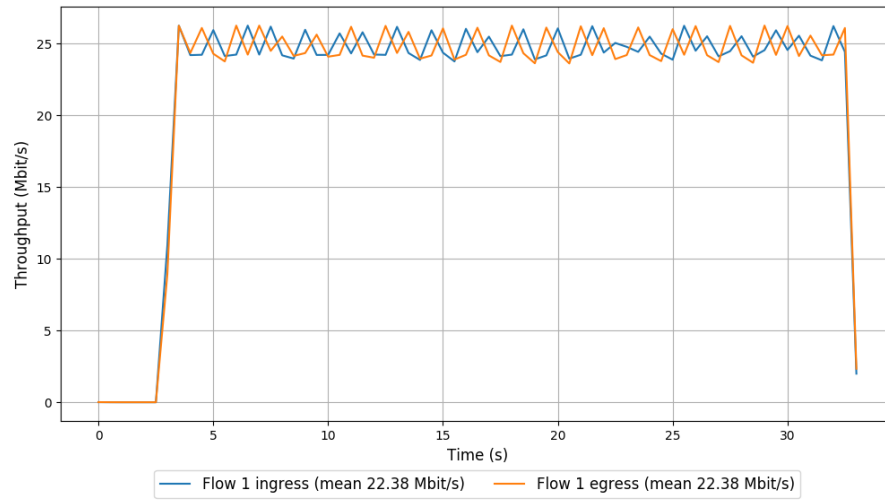
-- Flow 1:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Thu, 29 Jun 2017 20:55:33 +0000

End at: Thu, 29 Jun 2017 20:56:03 +0000

Local clock offset: 0.107 ms

Remote clock offset: -2.66 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 24.022 ms

Loss rate: 0.00%

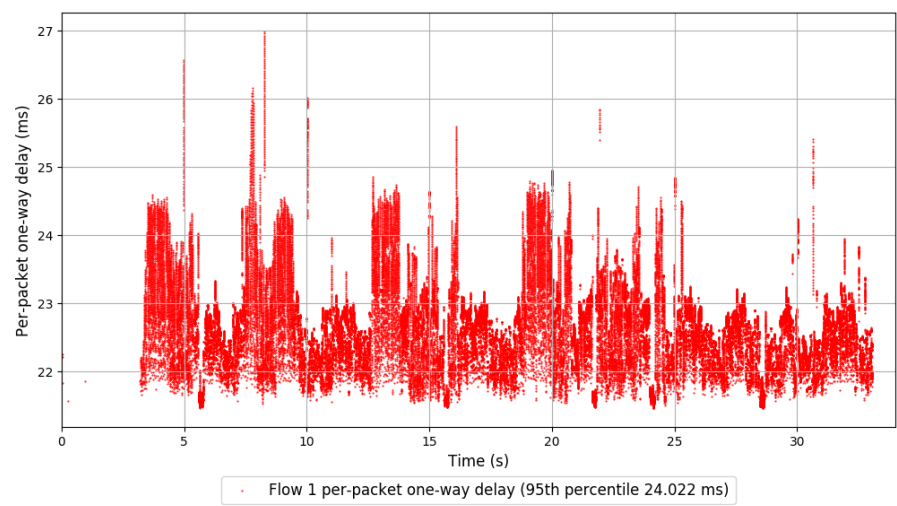
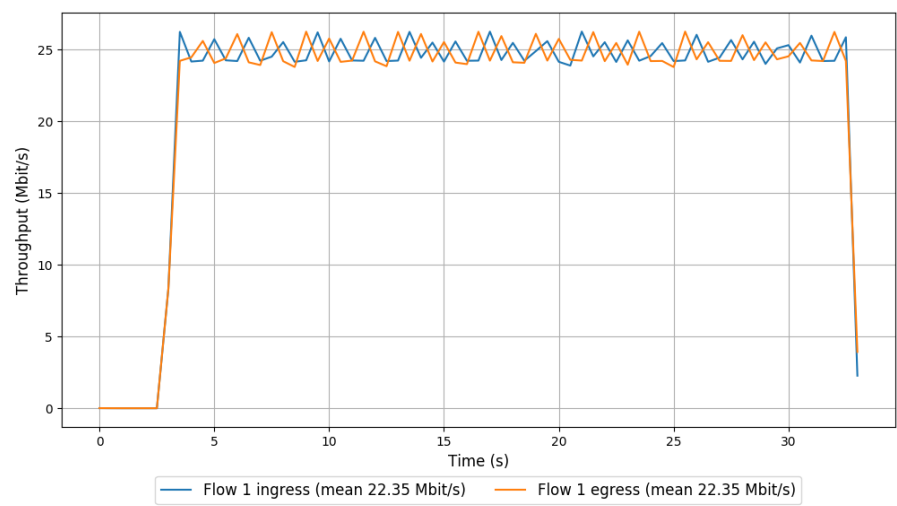
-- Flow 1:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 24.022 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:15:17 +0000

End at: Thu, 29 Jun 2017 21:15:47 +0000

Local clock offset: -0.039 ms

Remote clock offset: -2.563 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 23.702 ms

Loss rate: 0.00%

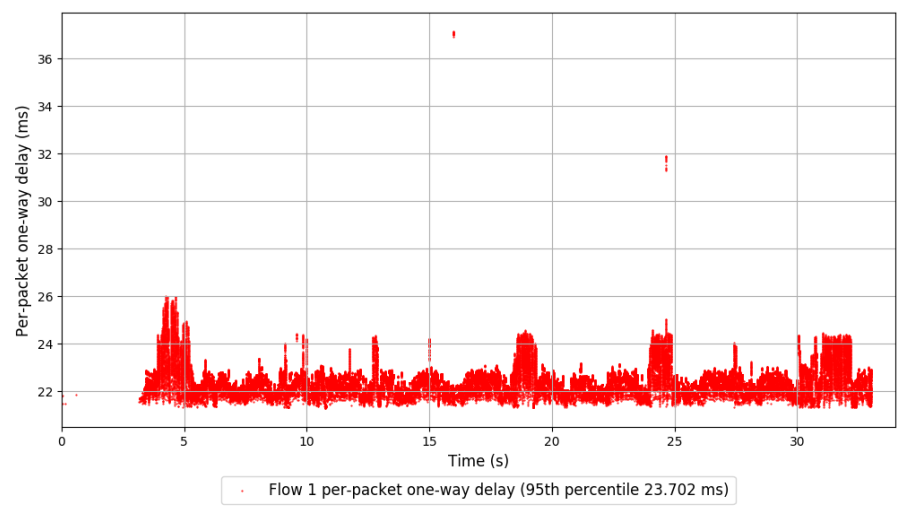
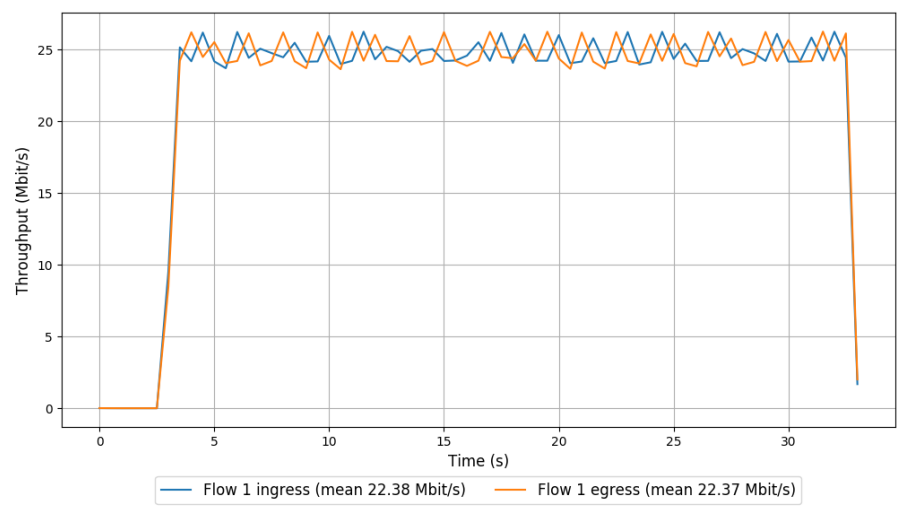
-- Flow 1:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 23.702 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:35:08 +0000

End at: Thu, 29 Jun 2017 21:35:38 +0000

Local clock offset: -0.153 ms

Remote clock offset: -2.51 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 23.266 ms

Loss rate: 0.00%

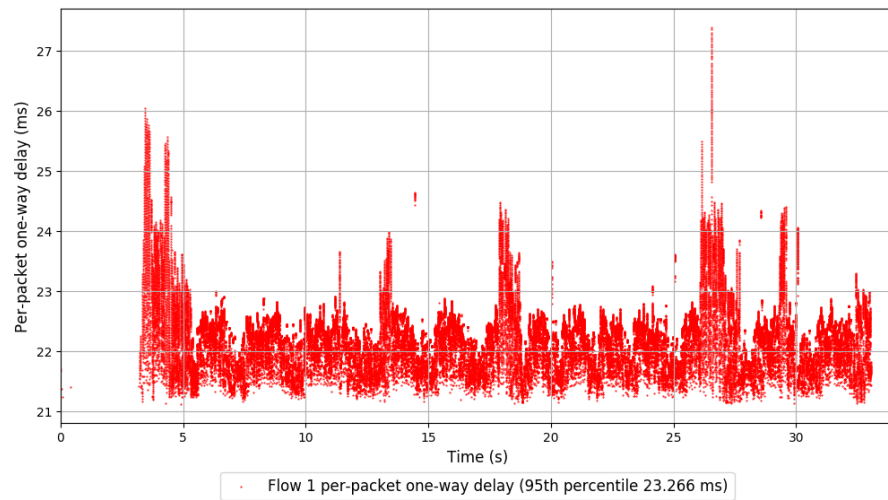
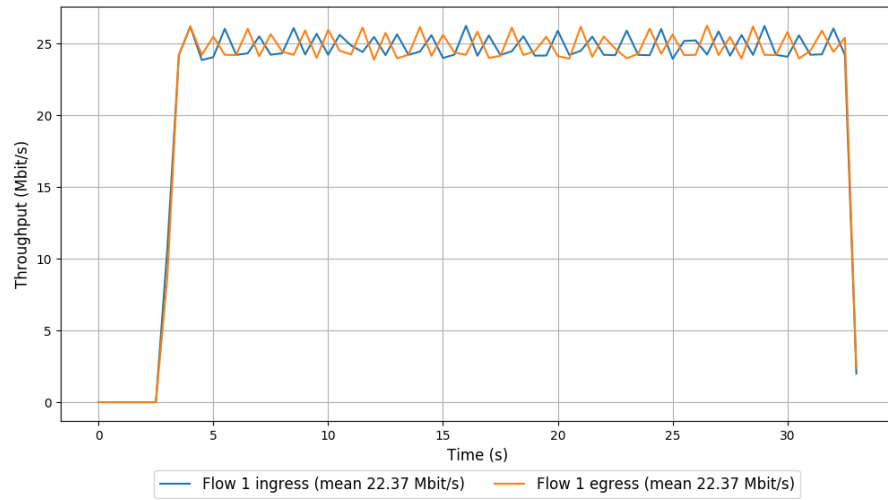
-- Flow 1:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 23.266 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:54:54 +0000

End at: Thu, 29 Jun 2017 21:55:24 +0000

Local clock offset: -0.265 ms

Remote clock offset: -2.355 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:55:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 23.705 ms

Loss rate: 0.00%

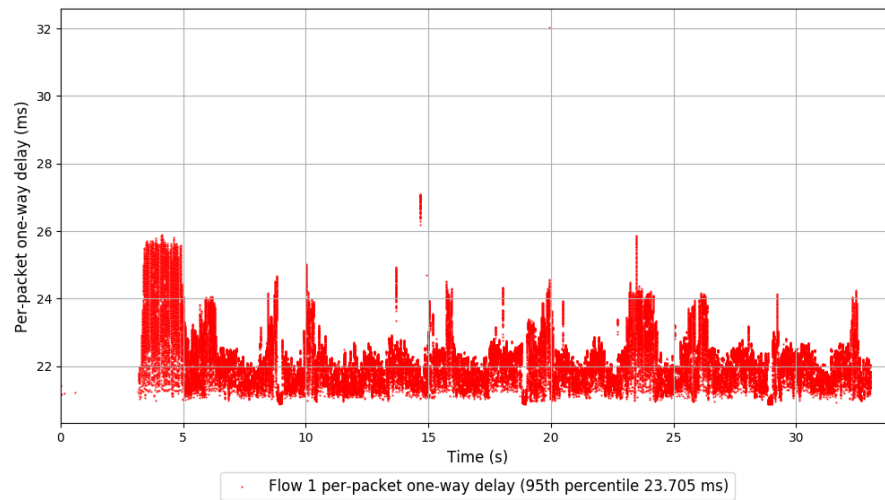
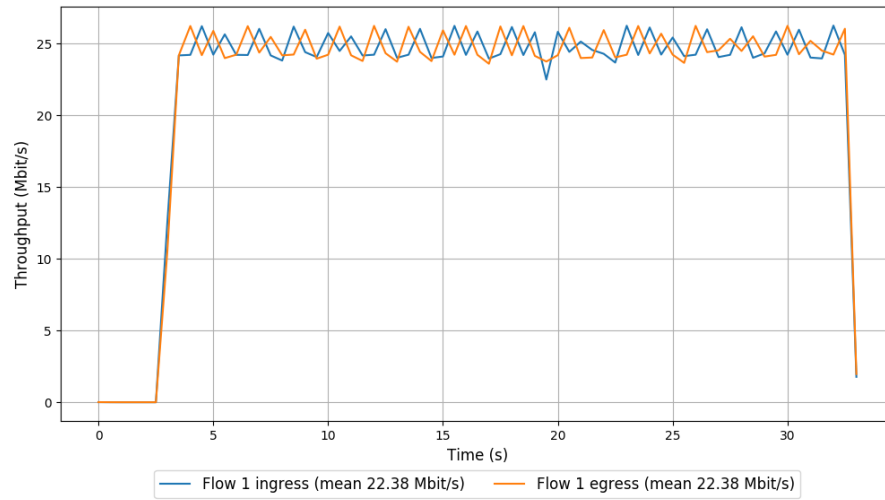
-- Flow 1:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 23.705 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 18:59:58 +0000

End at: Thu, 29 Jun 2017 19:00:28 +0000

Local clock offset: 0.307 ms

Remote clock offset: -3.749 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:56:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 142.85 Mbit/s

95th percentile per-packet one-way delay: 23.300 ms

Loss rate: 0.31%

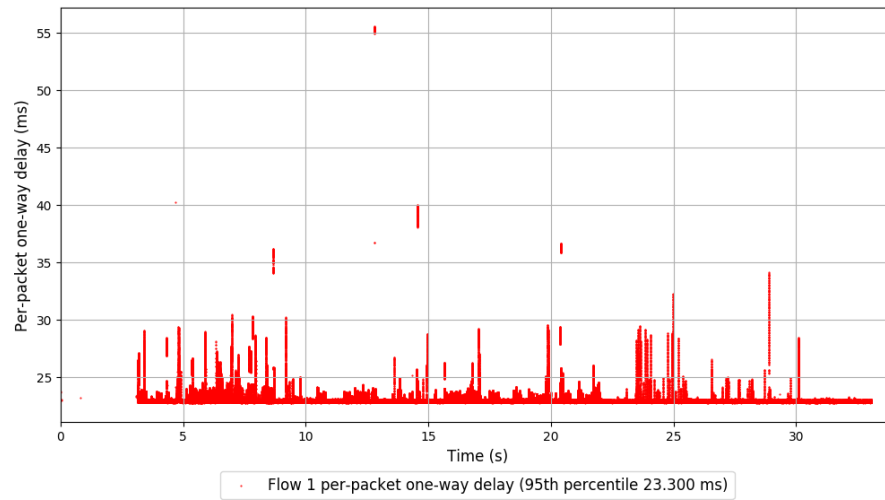
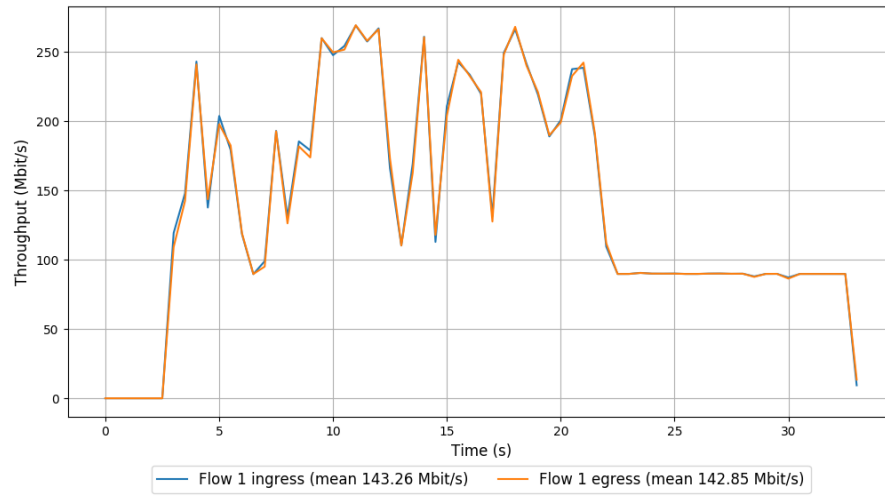
-- Flow 1:

Average throughput: 142.85 Mbit/s

95th percentile per-packet one-way delay: 23.300 ms

Loss rate: 0.31%

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



Run 2: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:19:38 +0000

End at: Thu, 29 Jun 2017 19:20:08 +0000

Local clock offset: 0.44 ms

Remote clock offset: -3.236 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:56:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 135.06 Mbit/s

95th percentile per-packet one-way delay: 22.644 ms

Loss rate: 0.10%

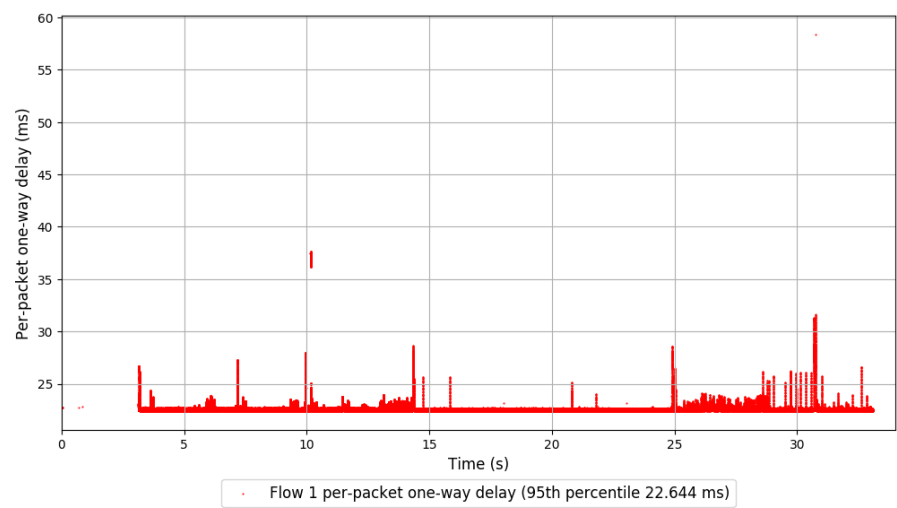
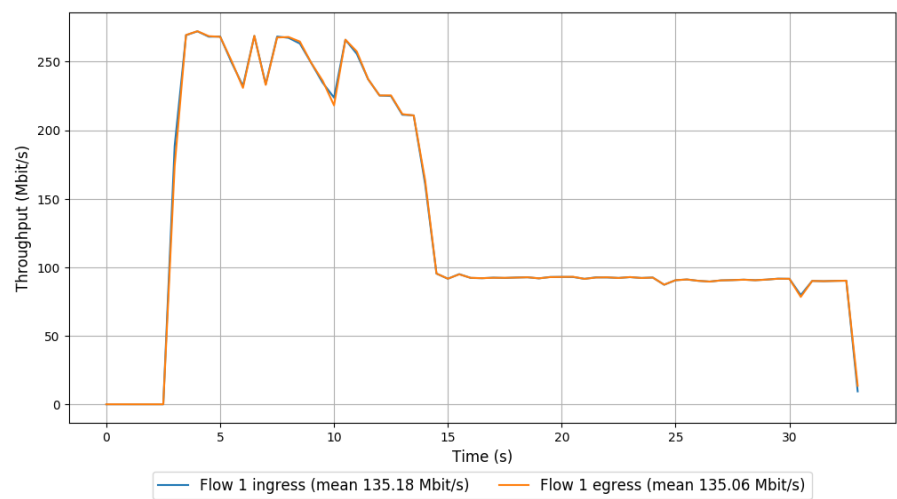
-- Flow 1:

Average throughput: 135.06 Mbit/s

95th percentile per-packet one-way delay: 22.644 ms

Loss rate: 0.10%

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



Run 3: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:39:24 +0000

End at: Thu, 29 Jun 2017 19:39:54 +0000

Local clock offset: 0.666 ms

Remote clock offset: -2.833 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:57:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 212.21 Mbit/s

95th percentile per-packet one-way delay: 22.373 ms

Loss rate: 0.20%

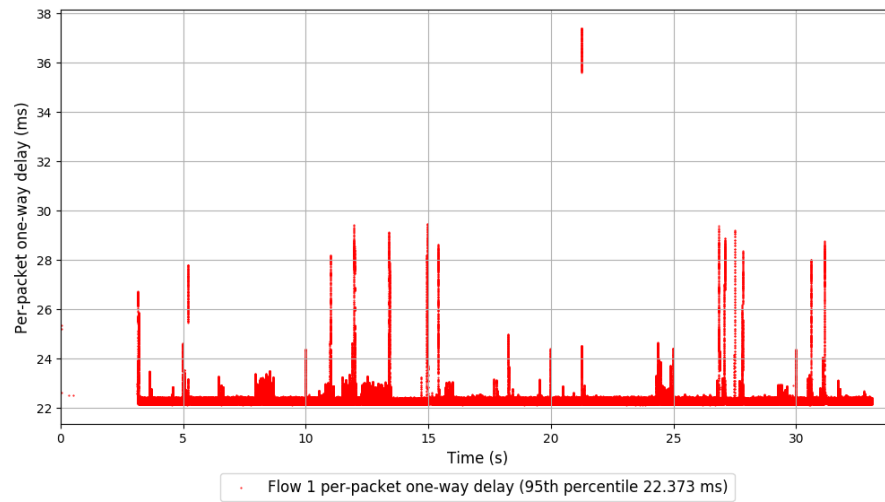
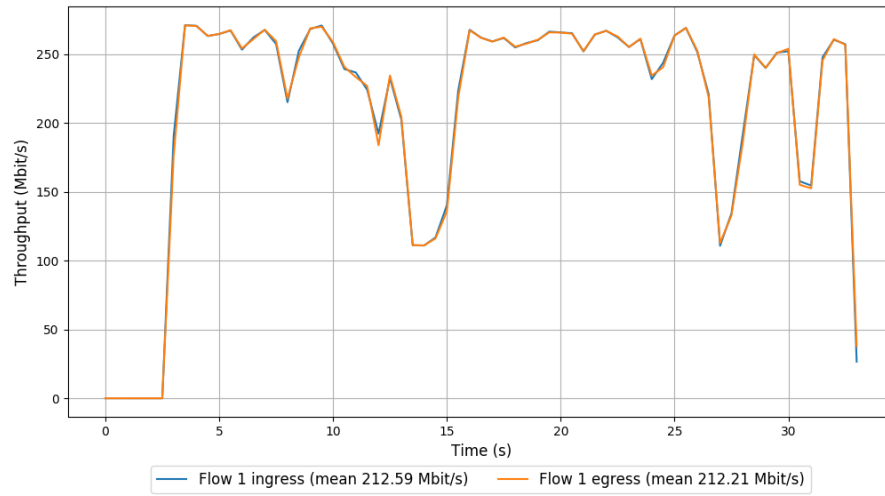
-- Flow 1:

Average throughput: 212.21 Mbit/s

95th percentile per-packet one-way delay: 22.373 ms

Loss rate: 0.20%

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



Run 4: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:58:52 +0000

End at: Thu, 29 Jun 2017 19:59:22 +0000

Local clock offset: 0.606 ms

Remote clock offset: -3.058 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:57:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 105.66 Mbit/s

95th percentile per-packet one-way delay: 22.467 ms

Loss rate: 0.02%

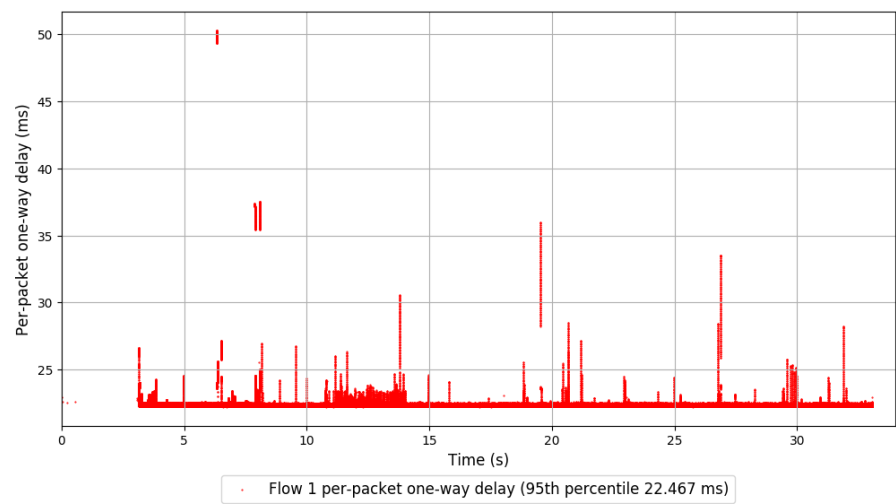
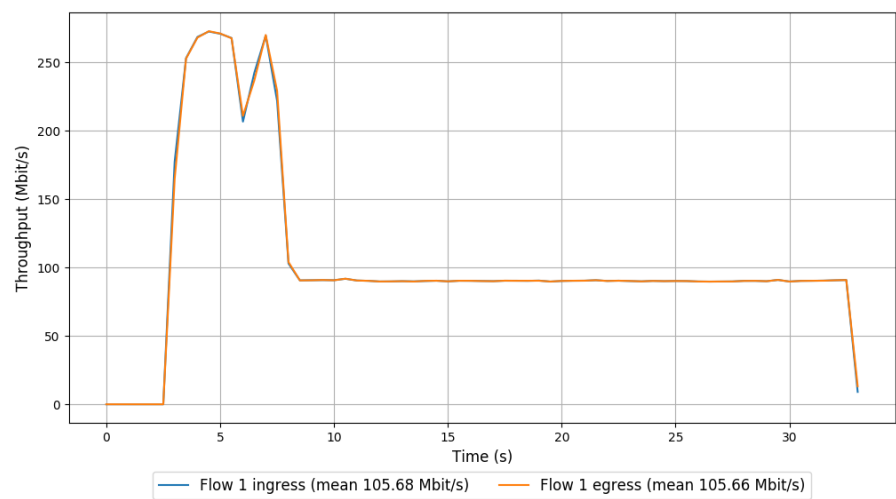
-- Flow 1:

Average throughput: 105.66 Mbit/s

95th percentile per-packet one-way delay: 22.467 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:18:34 +0000

End at: Thu, 29 Jun 2017 20:19:04 +0000

Local clock offset: 0.344 ms

Remote clock offset: -2.701 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:57:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.65 Mbit/s

95th percentile per-packet one-way delay: 22.094 ms

Loss rate: 0.25%

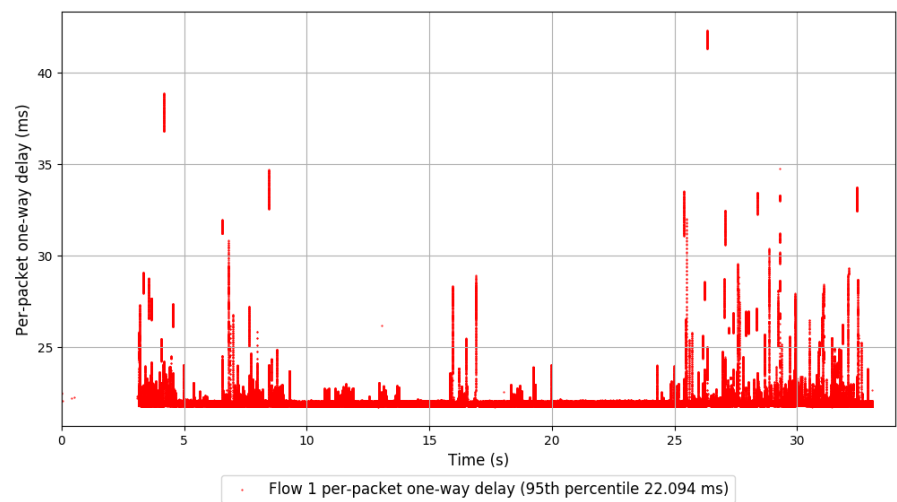
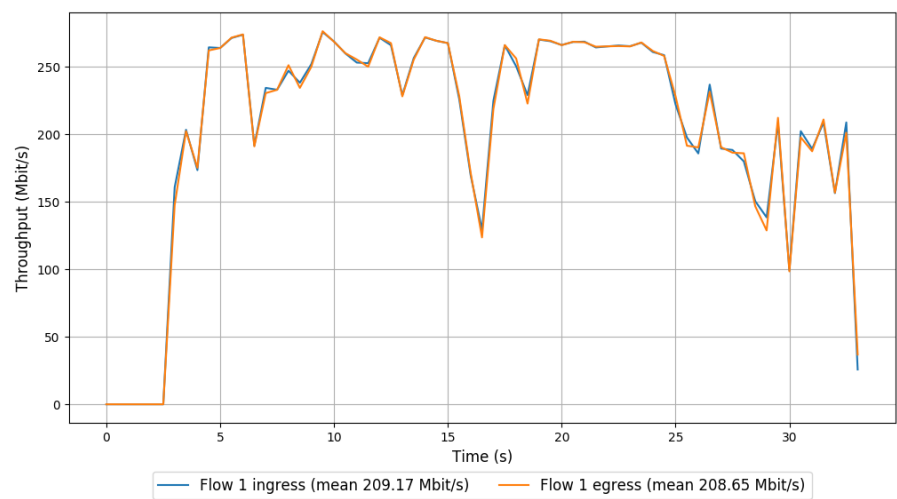
-- Flow 1:

Average throughput: 208.65 Mbit/s

95th percentile per-packet one-way delay: 22.094 ms

Loss rate: 0.25%

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



Run 6: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:38:25 +0000

End at: Thu, 29 Jun 2017 20:38:55 +0000

Local clock offset: 0.217 ms

Remote clock offset: -2.649 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:58:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 210.65 Mbit/s

95th percentile per-packet one-way delay: 21.810 ms

Loss rate: 0.17%

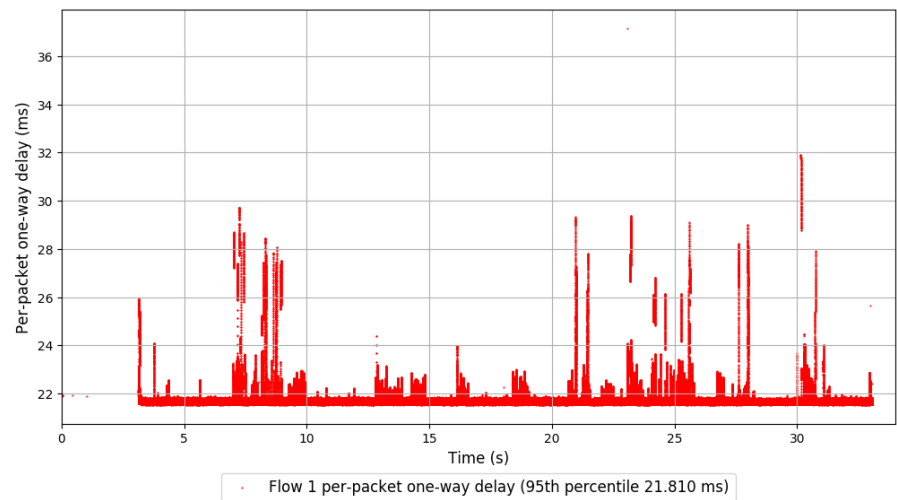
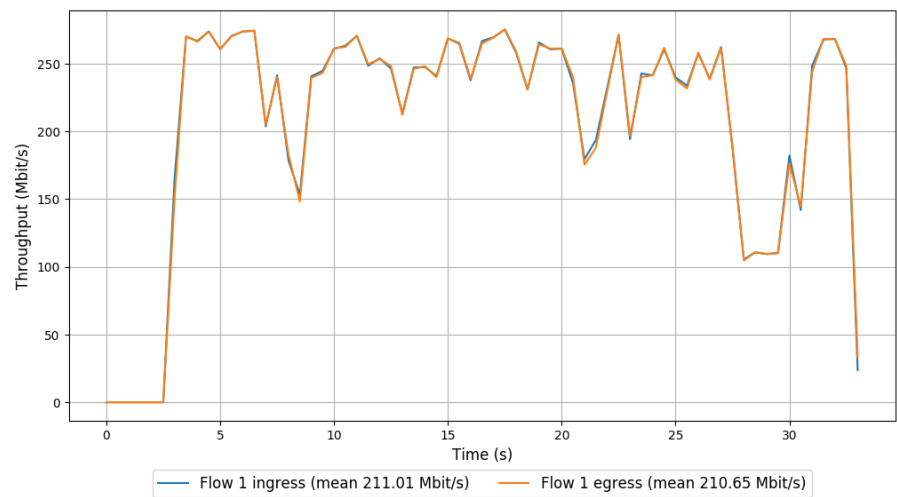
-- Flow 1:

Average throughput: 210.65 Mbit/s

95th percentile per-packet one-way delay: 21.810 ms

Loss rate: 0.17%

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:57:59 +0000

End at: Thu, 29 Jun 2017 20:58:29 +0000

Local clock offset: 0.187 ms

Remote clock offset: -2.638 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:58:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 221.60 Mbit/s

95th percentile per-packet one-way delay: 21.682 ms

Loss rate: 0.07%

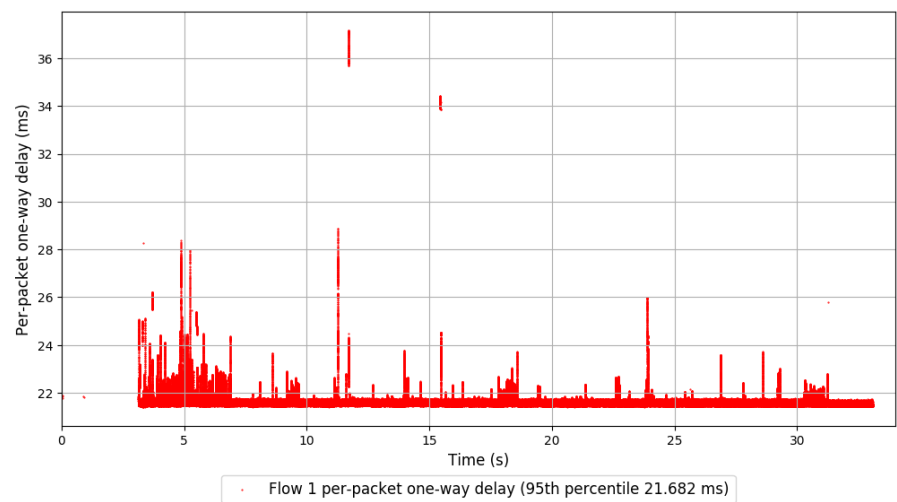
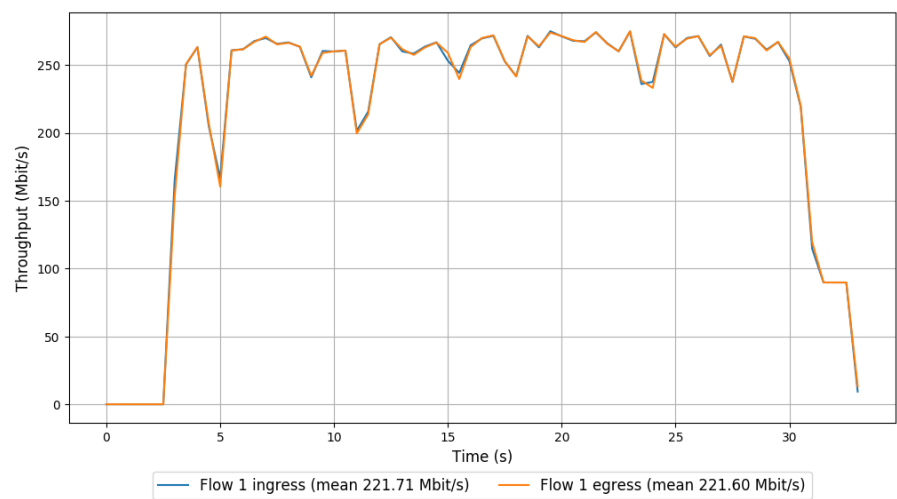
-- Flow 1:

Average throughput: 221.60 Mbit/s

95th percentile per-packet one-way delay: 21.682 ms

Loss rate: 0.07%

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



Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:17:44 +0000

End at: Thu, 29 Jun 2017 21:18:14 +0000

Local clock offset: 0.047 ms

Remote clock offset: -2.434 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:59:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 193.90 Mbit/s

95th percentile per-packet one-way delay: 21.770 ms

Loss rate: 0.36%

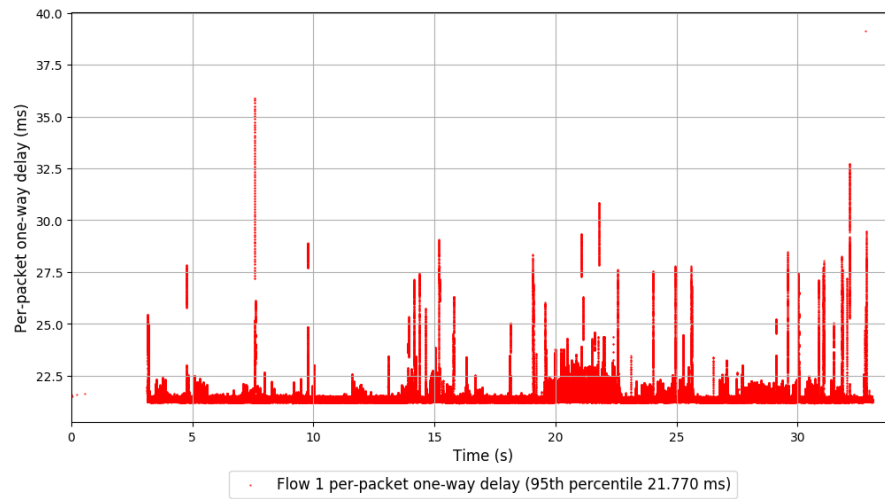
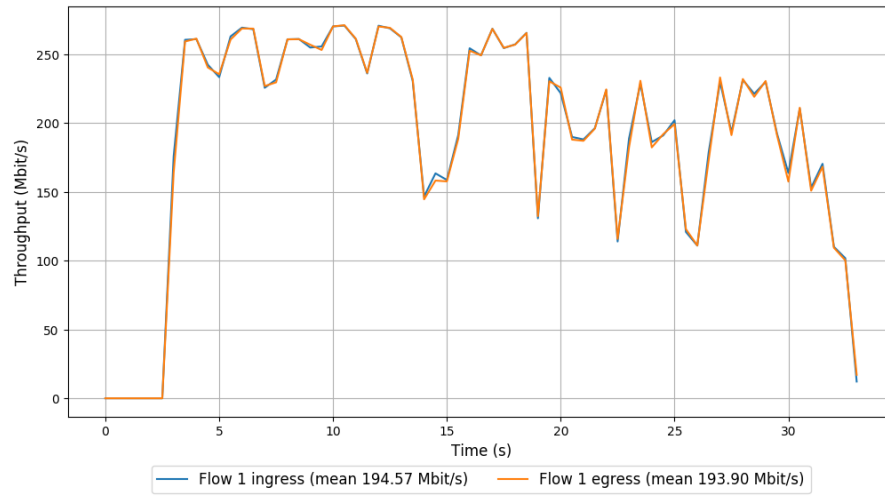
-- Flow 1:

Average throughput: 193.90 Mbit/s

95th percentile per-packet one-way delay: 21.770 ms

Loss rate: 0.36%

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



Run 9: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:37:37 +0000

End at: Thu, 29 Jun 2017 21:38:07 +0000

Local clock offset: -0.188 ms

Remote clock offset: -2.434 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:59:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.84 Mbit/s

95th percentile per-packet one-way delay: 21.351 ms

Loss rate: 0.25%

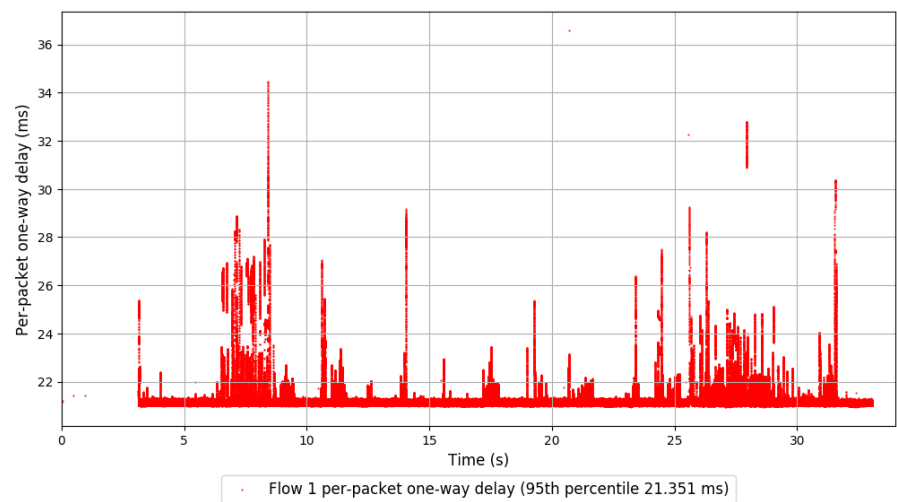
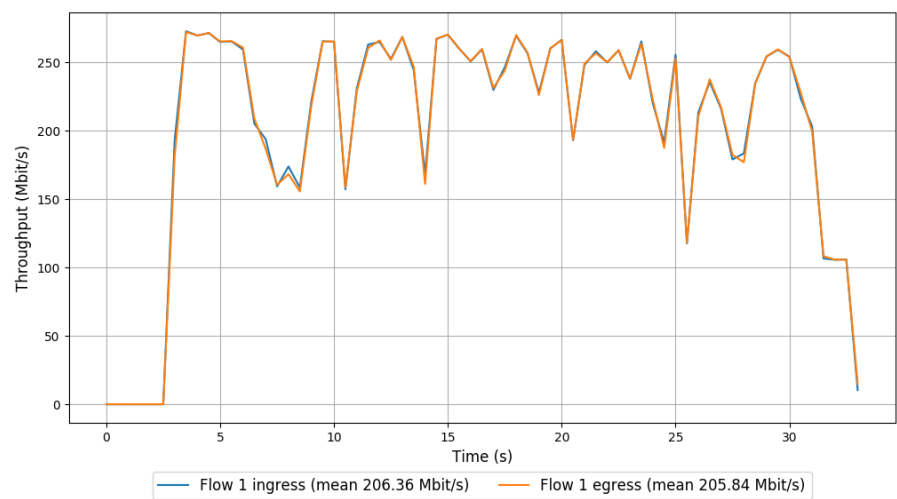
-- Flow 1:

Average throughput: 205.84 Mbit/s

95th percentile per-packet one-way delay: 21.351 ms

Loss rate: 0.25%

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



Run 10: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:57:25 +0000

End at: Thu, 29 Jun 2017 21:57:55 +0000

Local clock offset: -0.291 ms

Remote clock offset: -2.481 ms

Below is generated by plot.py at Fri, 30 Jun 2017 03:59:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.11 Mbit/s

95th percentile per-packet one-way delay: 21.286 ms

Loss rate: 0.26%

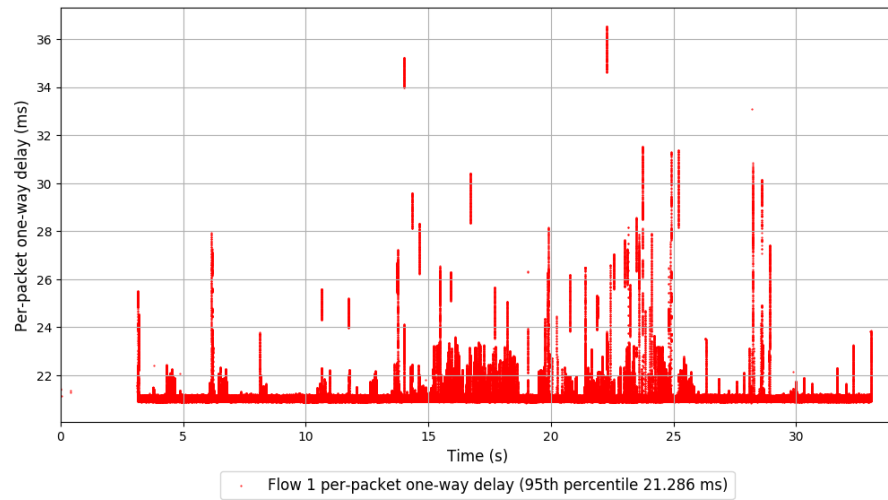
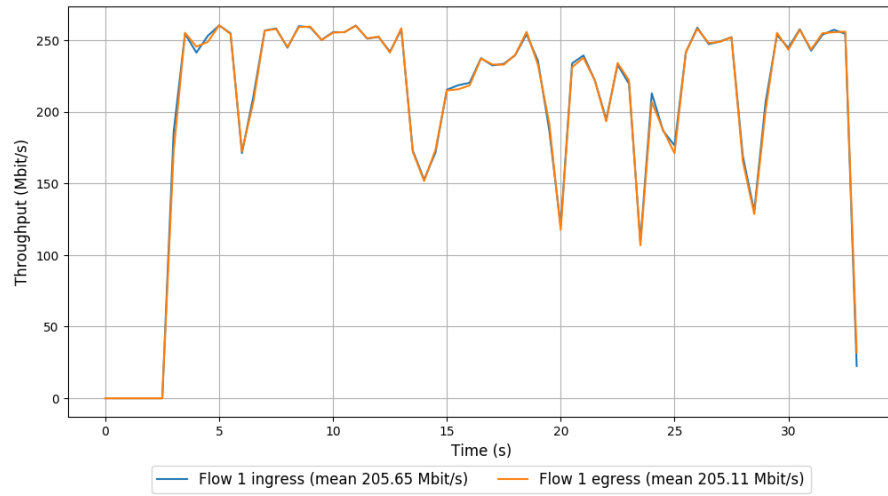
-- Flow 1:

Average throughput: 205.11 Mbit/s

95th percentile per-packet one-way delay: 21.286 ms

Loss rate: 0.26%

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



Run 1: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:02:41 +0000

End at: Thu, 29 Jun 2017 19:03:11 +0000

Local clock offset: 0.353 ms

Remote clock offset: -3.657 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:00:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 122.32 Mbit/s

95th percentile per-packet one-way delay: 23.399 ms

Loss rate: 0.13%

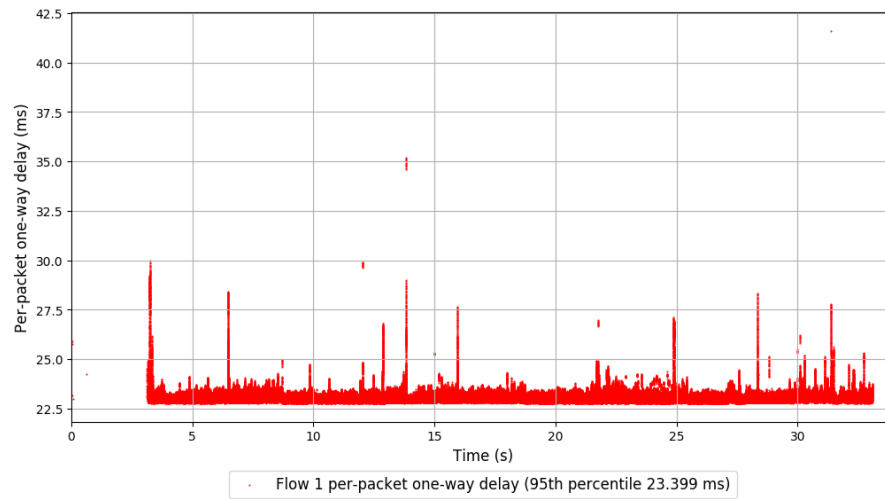
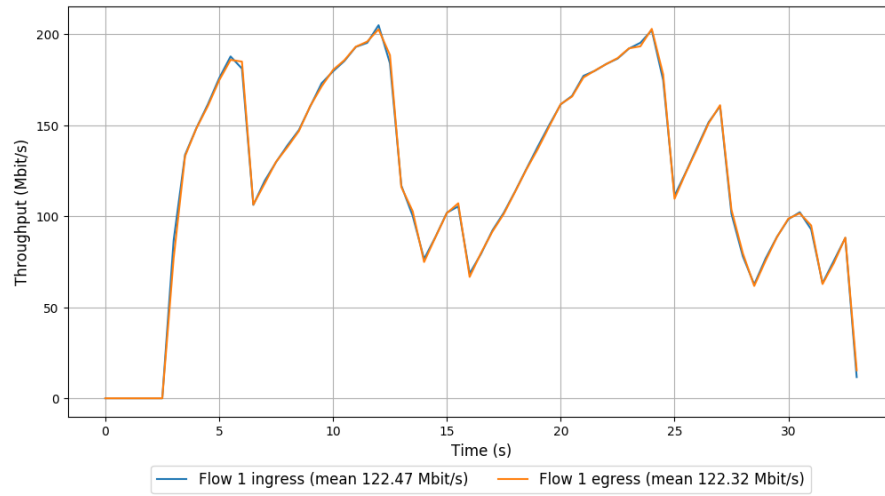
-- Flow 1:

Average throughput: 122.32 Mbit/s

95th percentile per-packet one-way delay: 23.399 ms

Loss rate: 0.13%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:22:21 +0000

End at: Thu, 29 Jun 2017 19:22:51 +0000

Local clock offset: 0.461 ms

Remote clock offset: -3.223 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:00:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 117.57 Mbit/s

95th percentile per-packet one-way delay: 23.022 ms

Loss rate: 0.12%

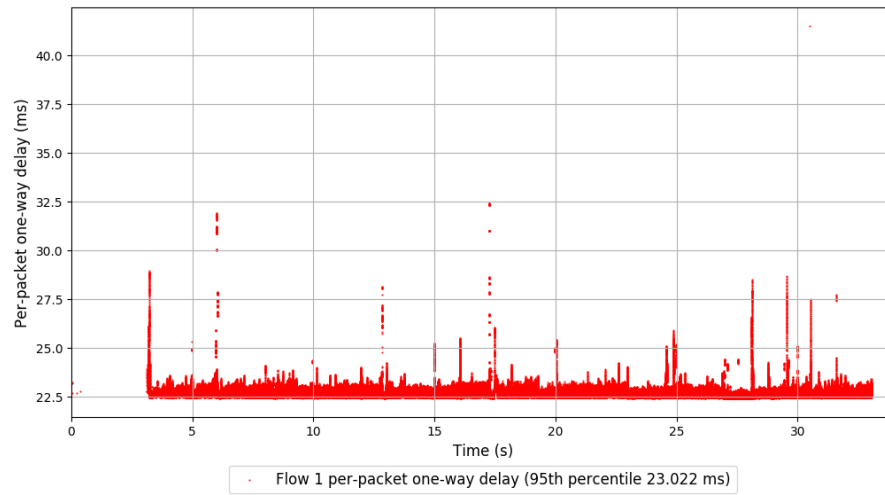
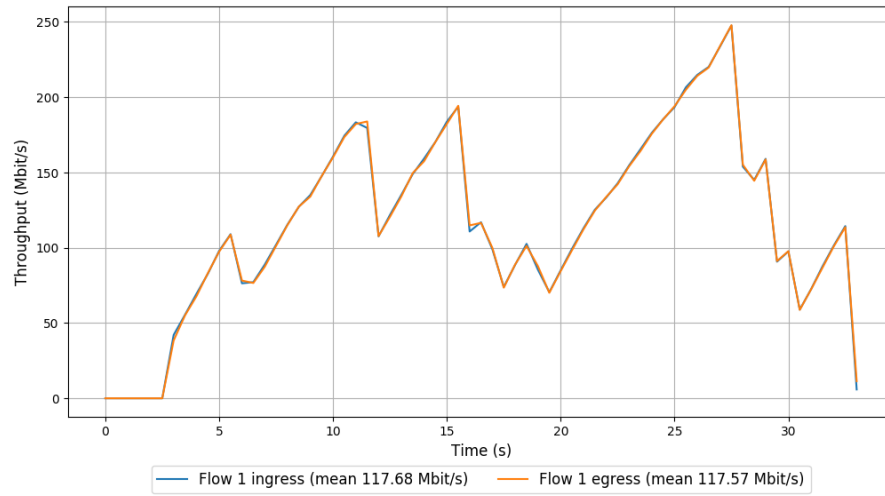
-- Flow 1:

Average throughput: 117.57 Mbit/s

95th percentile per-packet one-way delay: 23.022 ms

Loss rate: 0.12%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:42:16 +0000

End at: Thu, 29 Jun 2017 19:42:46 +0000

Local clock offset: 0.571 ms

Remote clock offset: -2.908 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:00:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 120.53 Mbit/s

95th percentile per-packet one-way delay: 22.780 ms

Loss rate: 0.09%

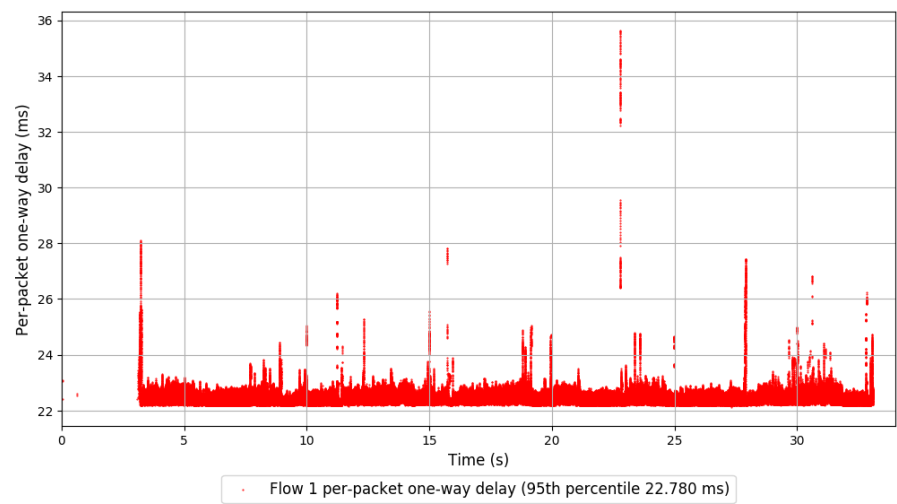
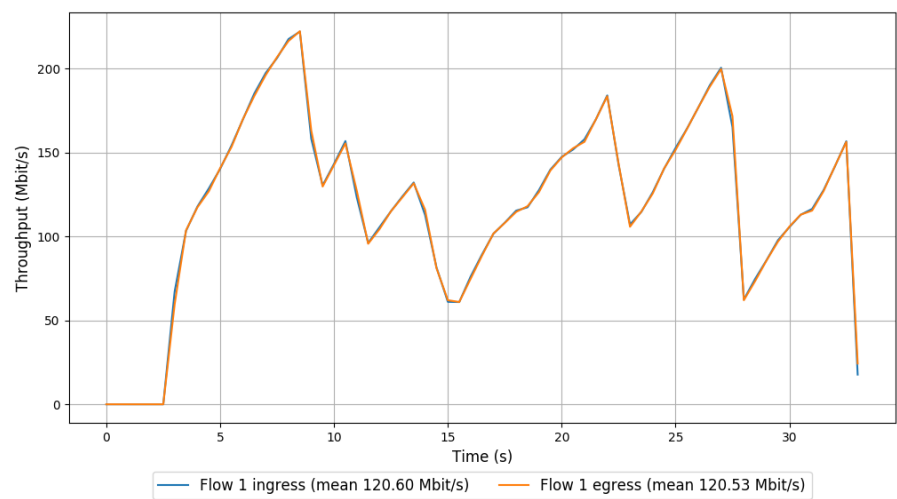
-- Flow 1:

Average throughput: 120.53 Mbit/s

95th percentile per-packet one-way delay: 22.780 ms

Loss rate: 0.09%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:01:34 +0000

End at: Thu, 29 Jun 2017 20:02:04 +0000

Local clock offset: 0.517 ms

Remote clock offset: -3.011 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:00:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 162.73 Mbit/s

95th percentile per-packet one-way delay: 22.723 ms

Loss rate: 0.05%

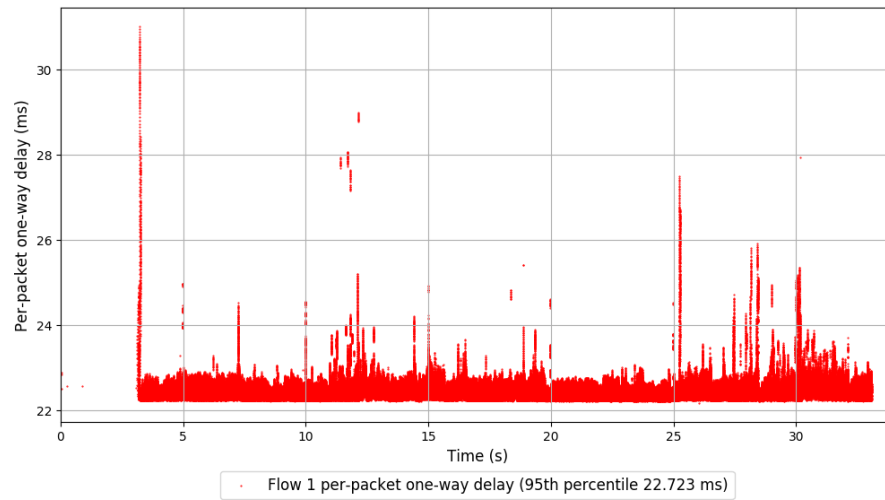
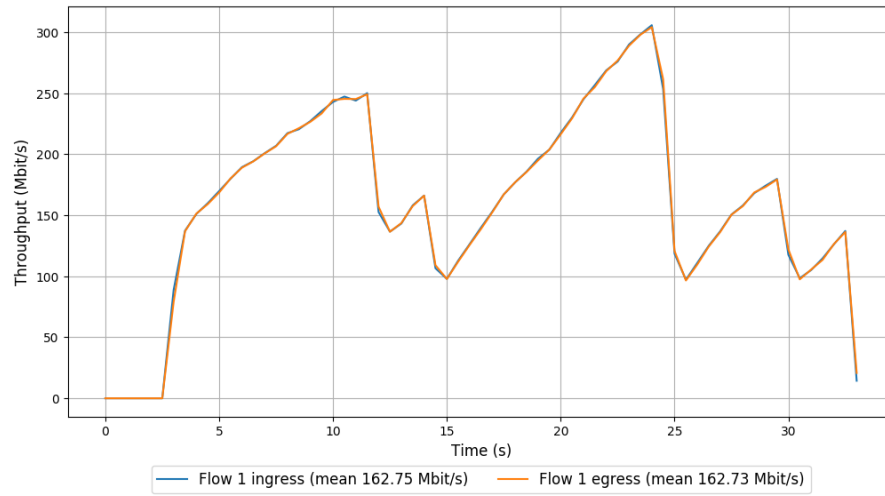
-- Flow 1:

Average throughput: 162.73 Mbit/s

95th percentile per-packet one-way delay: 22.723 ms

Loss rate: 0.05%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:21:24 +0000

End at: Thu, 29 Jun 2017 20:21:54 +0000

Local clock offset: 0.331 ms

Remote clock offset: -2.601 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:00:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 120.96 Mbit/s

95th percentile per-packet one-way delay: 22.332 ms

Loss rate: 0.12%

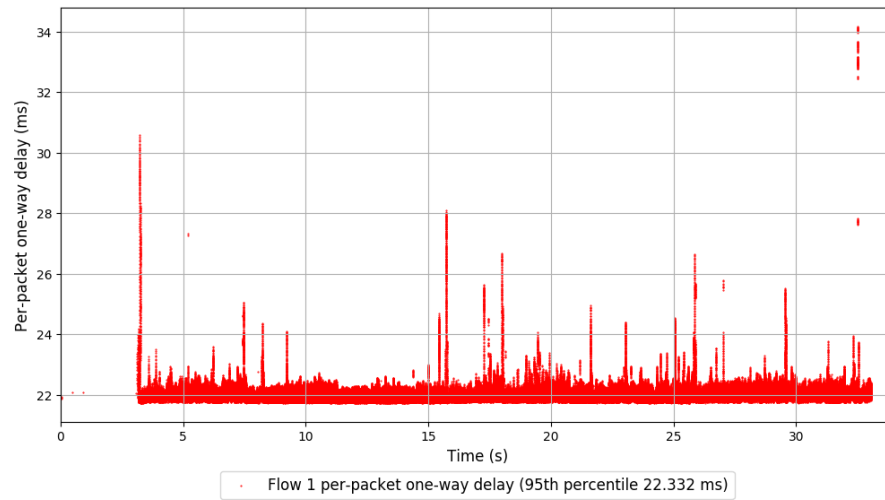
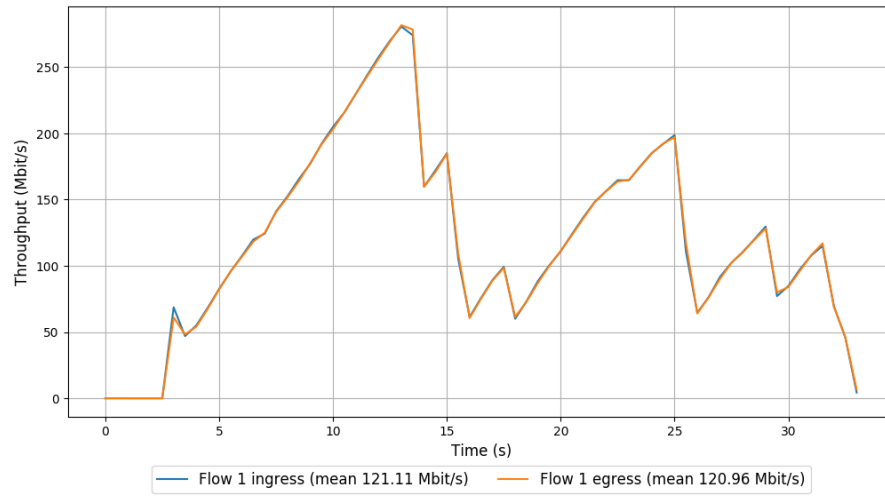
-- Flow 1:

Average throughput: 120.96 Mbit/s

95th percentile per-packet one-way delay: 22.332 ms

Loss rate: 0.12%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:41:18 +0000

End at: Thu, 29 Jun 2017 20:41:48 +0000

Local clock offset: 0.296 ms

Remote clock offset: -2.61 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.81 Mbit/s

95th percentile per-packet one-way delay: 22.067 ms

Loss rate: 0.10%

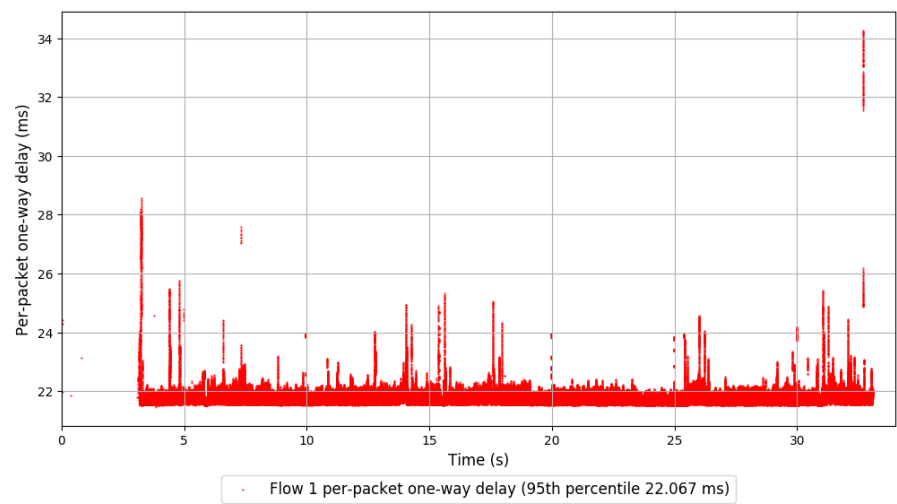
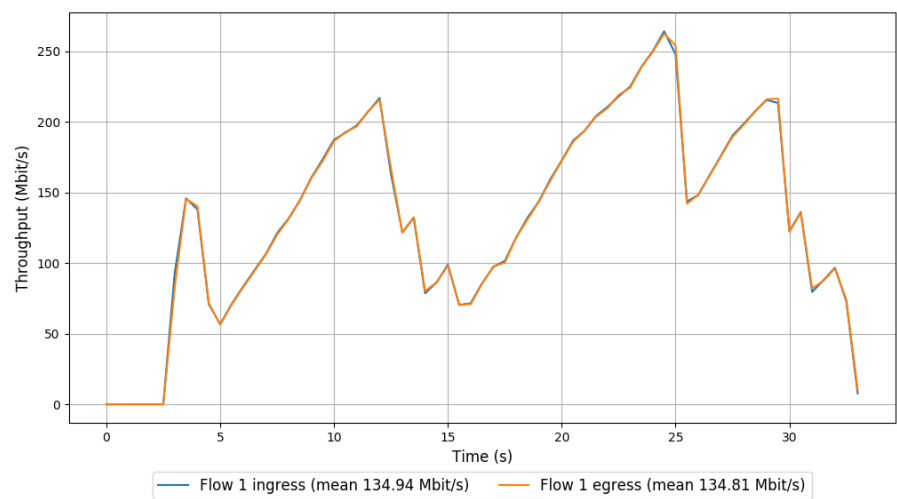
-- Flow 1:

Average throughput: 134.81 Mbit/s

95th percentile per-packet one-way delay: 22.067 ms

Loss rate: 0.10%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:00:53 +0000

End at: Thu, 29 Jun 2017 21:01:23 +0000

Local clock offset: 0.075 ms

Remote clock offset: -2.552 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 116.30 Mbit/s

95th percentile per-packet one-way delay: 22.036 ms

Loss rate: 0.14%

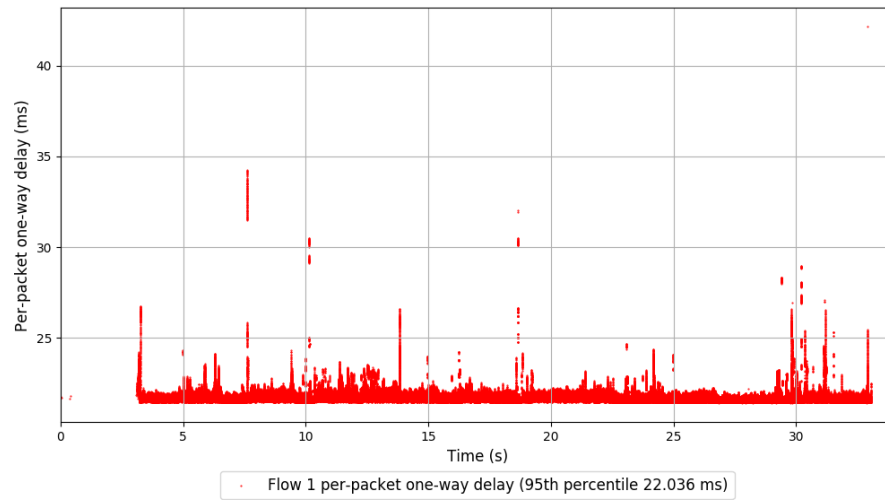
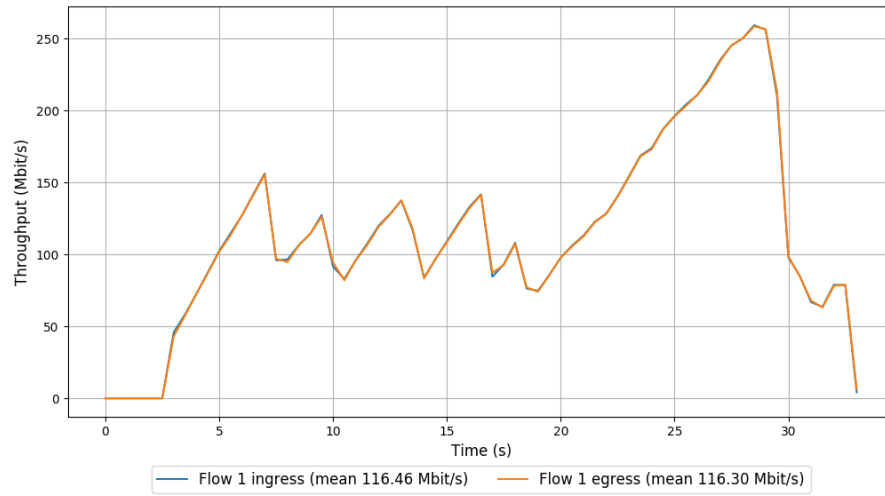
-- Flow 1:

Average throughput: 116.30 Mbit/s

95th percentile per-packet one-way delay: 22.036 ms

Loss rate: 0.14%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:20:32 +0000

End at: Thu, 29 Jun 2017 21:21:02 +0000

Local clock offset: 0.04 ms

Remote clock offset: -2.446 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 113.66 Mbit/s

95th percentile per-packet one-way delay: 21.751 ms

Loss rate: 0.12%

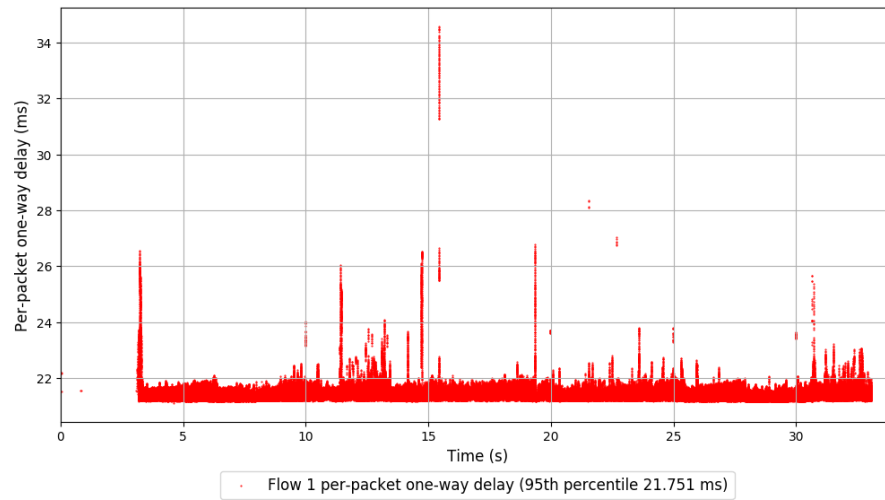
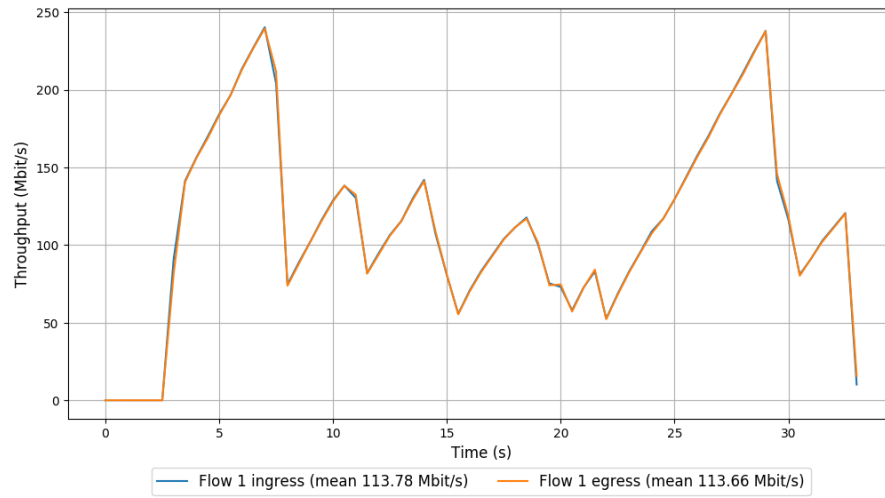
-- Flow 1:

Average throughput: 113.66 Mbit/s

95th percentile per-packet one-way delay: 21.751 ms

Loss rate: 0.12%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 21:40:26 +0000

End at: Thu, 29 Jun 2017 21:40:56 +0000

Local clock offset: -0.104 ms

Remote clock offset: -2.415 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 171.24 Mbit/s

95th percentile per-packet one-way delay: 21.518 ms

Loss rate: 0.08%

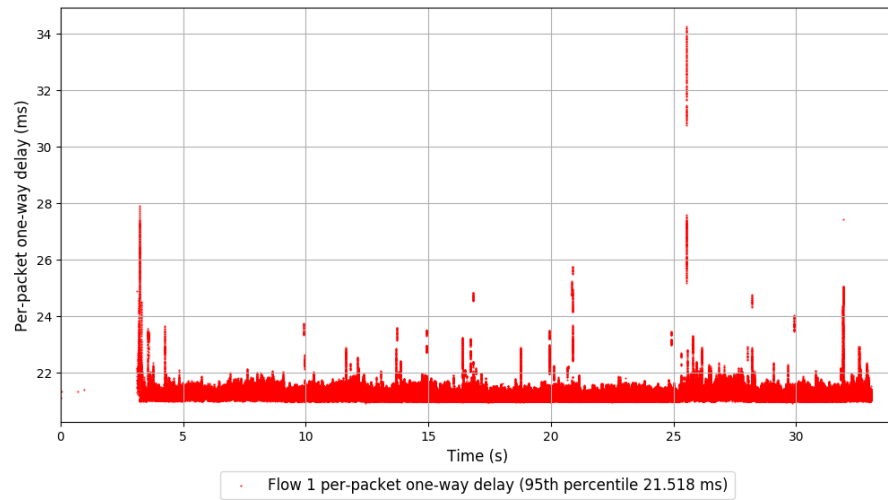
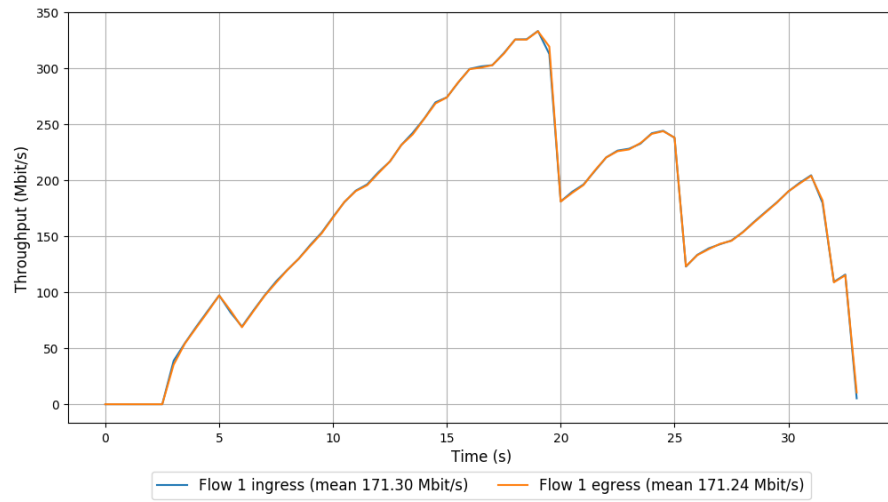
-- Flow 1:

Average throughput: 171.24 Mbit/s

95th percentile per-packet one-way delay: 21.518 ms

Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:00:15 +0000

End at: Thu, 29 Jun 2017 22:00:45 +0000

Local clock offset: -0.264 ms

Remote clock offset: -2.384 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 106.85 Mbit/s

95th percentile per-packet one-way delay: 21.602 ms

Loss rate: 0.19%

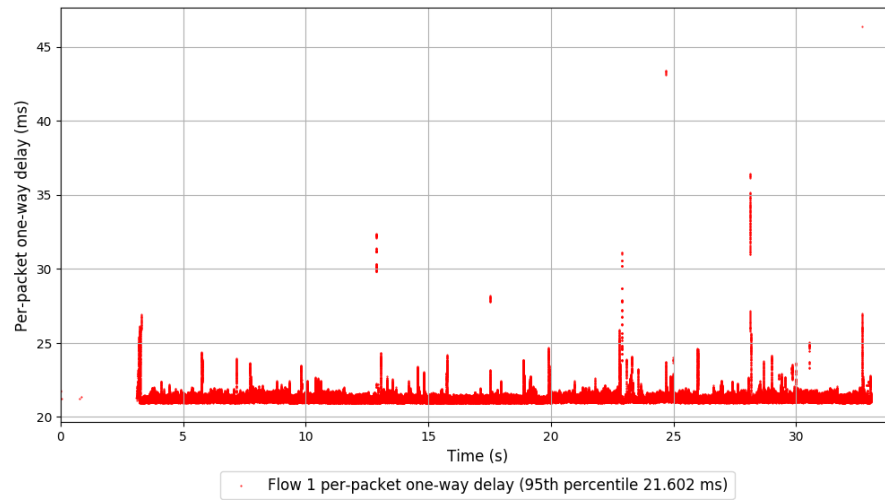
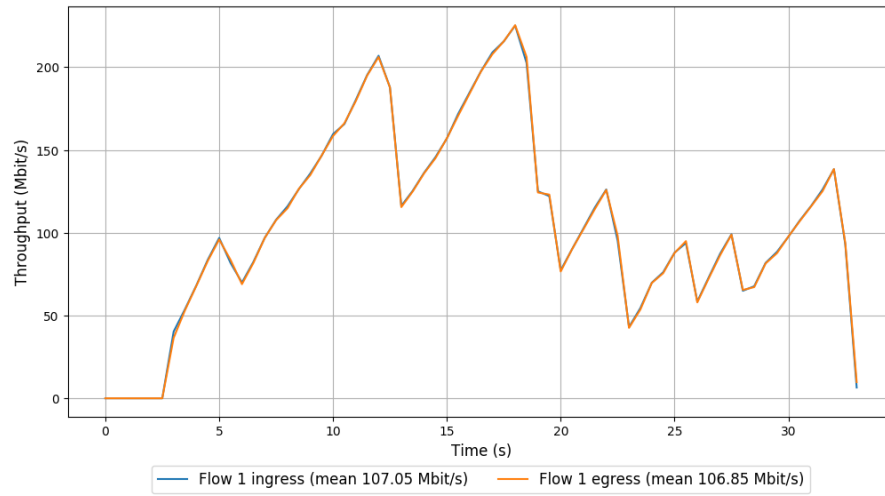
-- Flow 1:

Average throughput: 106.85 Mbit/s

95th percentile per-packet one-way delay: 21.602 ms

Loss rate: 0.19%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:01:21 +0000

End at: Thu, 29 Jun 2017 19:01:51 +0000

Local clock offset: 0.315 ms

Remote clock offset: -3.777 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 137.55 Mbit/s

95th percentile per-packet one-way delay: 27.600 ms

Loss rate: 14.28%

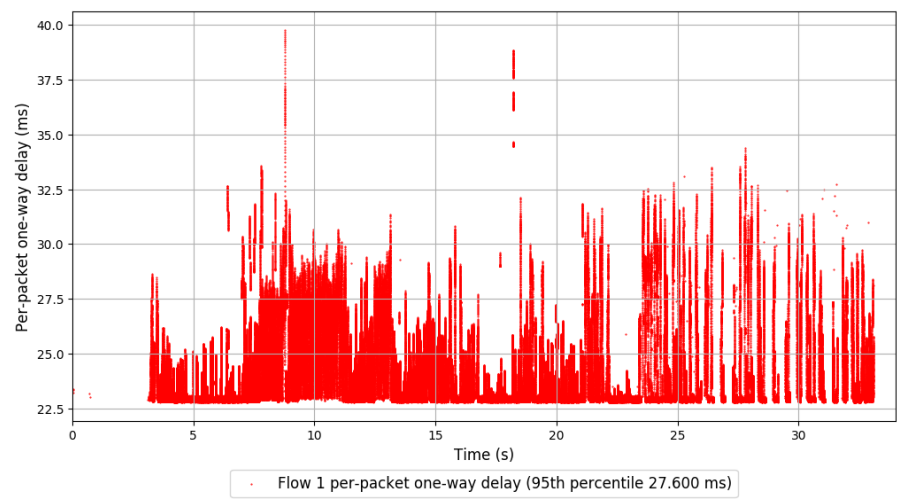
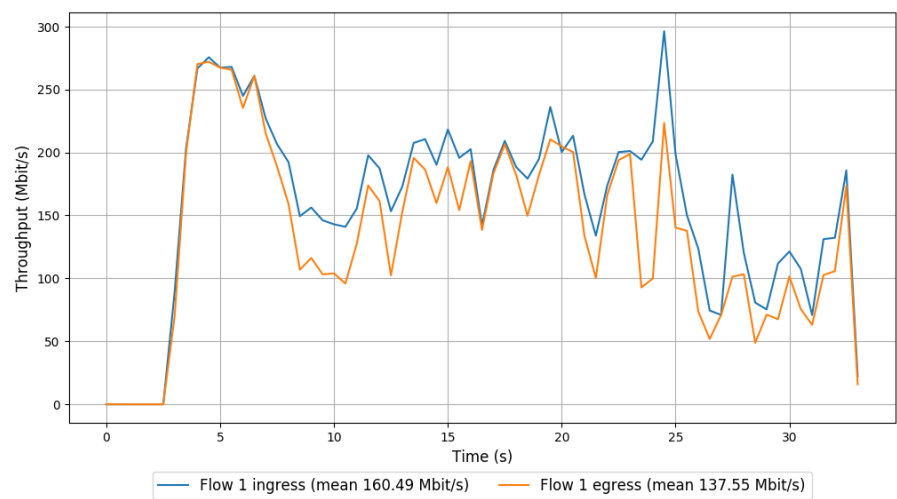
-- Flow 1:

Average throughput: 137.55 Mbit/s

95th percentile per-packet one-way delay: 27.600 ms

Loss rate: 14.28%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:21:00 +0000

End at: Thu, 29 Jun 2017 19:21:30 +0000

Local clock offset: 0.523 ms

Remote clock offset: -3.148 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:01:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 165.53 Mbit/s

95th percentile per-packet one-way delay: 26.342 ms

Loss rate: 9.44%

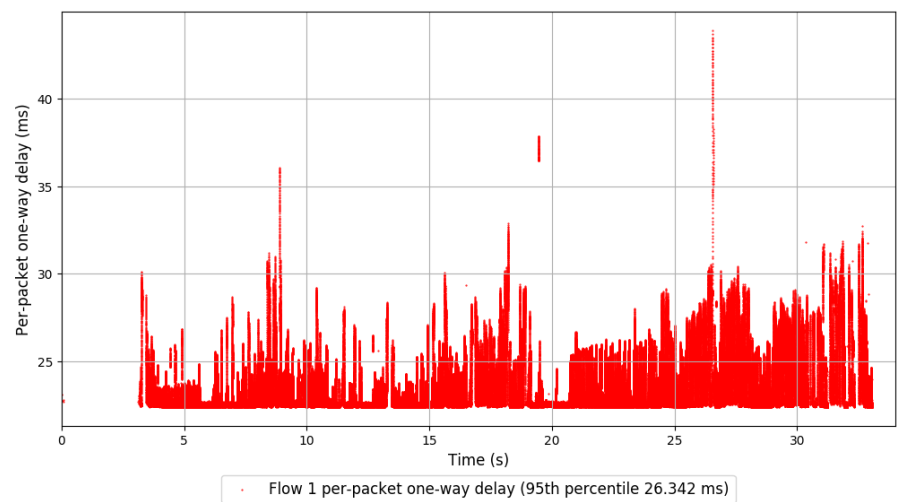
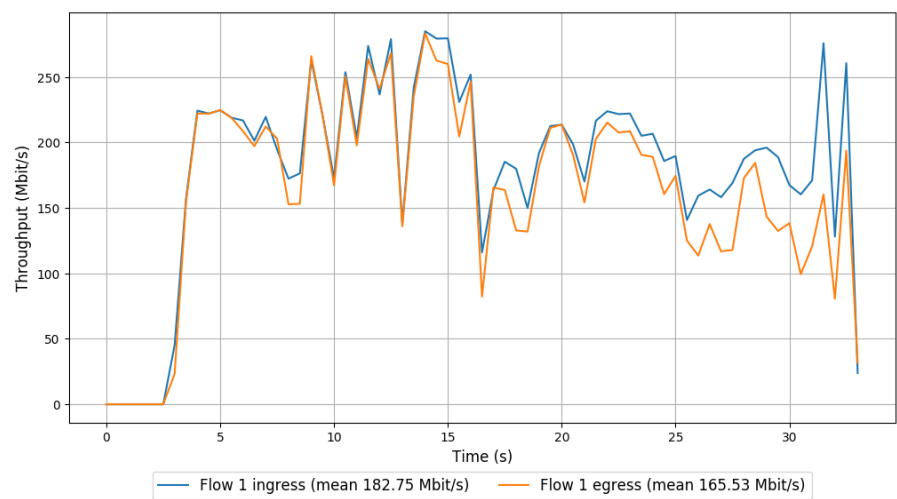
-- Flow 1:

Average throughput: 165.53 Mbit/s

95th percentile per-packet one-way delay: 26.342 ms

Loss rate: 9.44%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Thu, 29 Jun 2017 19:40:54 +0000

End at: Thu, 29 Jun 2017 19:41:24 +0000

Local clock offset: 0.538 ms

Remote clock offset: -2.879 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:02:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.02 Mbit/s

95th percentile per-packet one-way delay: 26.109 ms

Loss rate: 11.13%

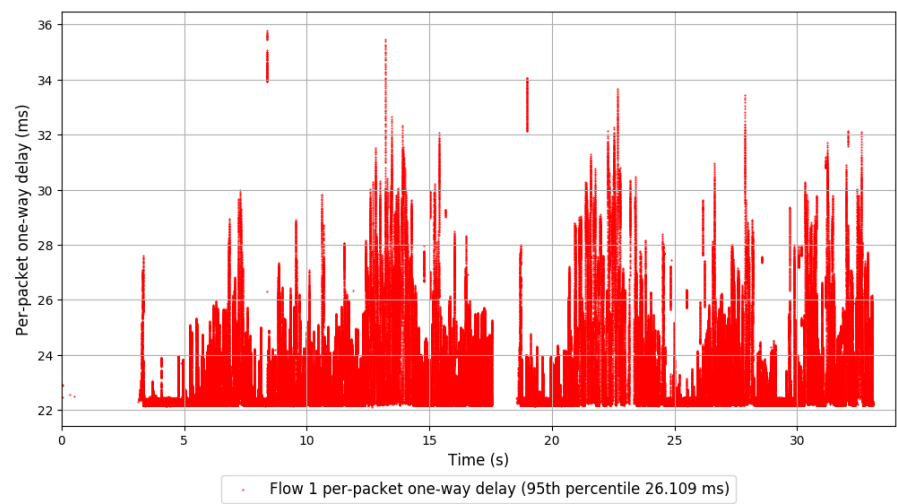
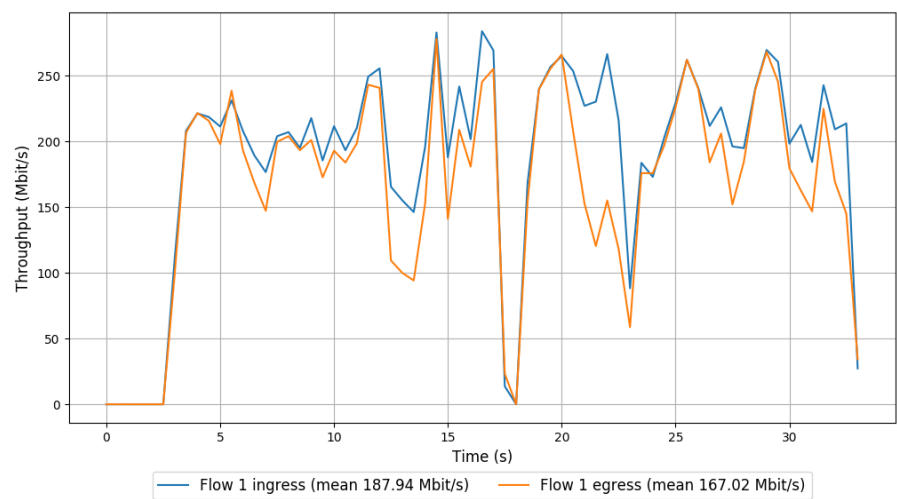
-- Flow 1:

Average throughput: 167.02 Mbit/s

95th percentile per-packet one-way delay: 26.109 ms

Loss rate: 11.13%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:00:11 +0000

End at: Thu, 29 Jun 2017 20:00:41 +0000

Local clock offset: 0.601 ms

Remote clock offset: -3.053 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:02:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.80 Mbit/s

95th percentile per-packet one-way delay: 25.855 ms

Loss rate: 9.33%

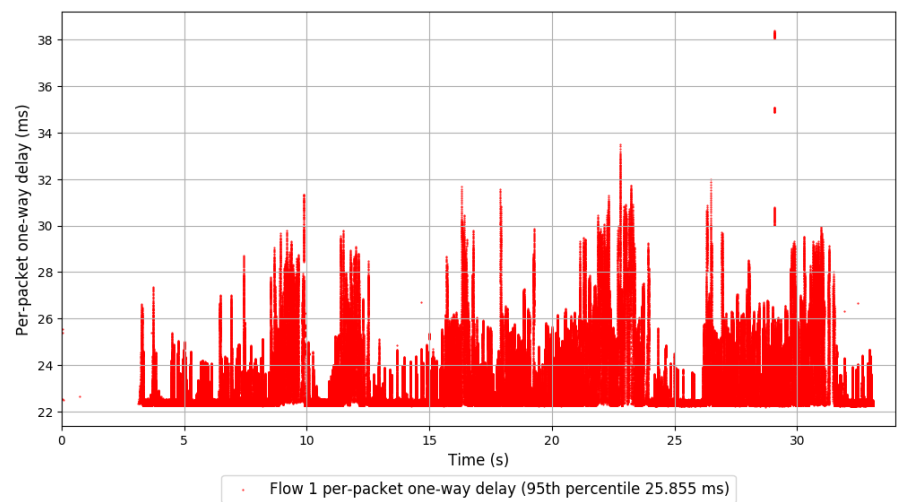
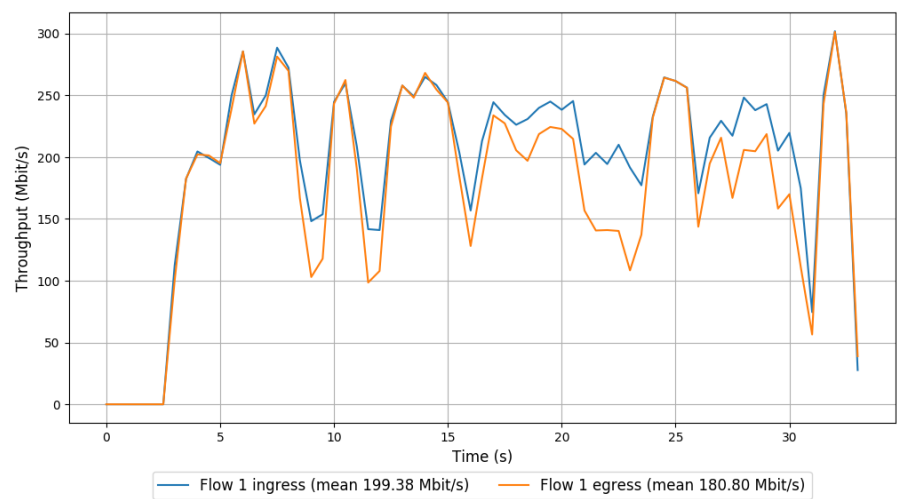
-- Flow 1:

Average throughput: 180.80 Mbit/s

95th percentile per-packet one-way delay: 25.855 ms

Loss rate: 9.33%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:20:04 +0000

End at: Thu, 29 Jun 2017 20:20:34 +0000

Local clock offset: 0.452 ms

Remote clock offset: -2.58 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:02:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 139.22 Mbit/s

95th percentile per-packet one-way delay: 26.892 ms

Loss rate: 19.93%

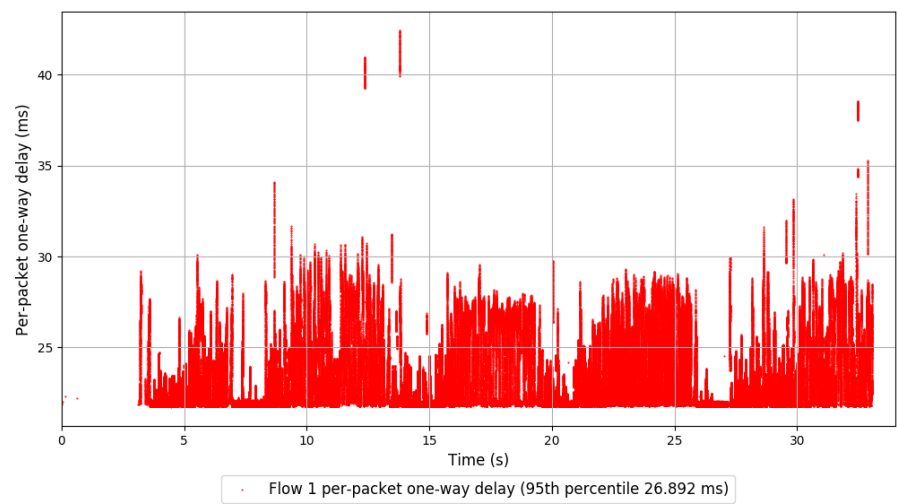
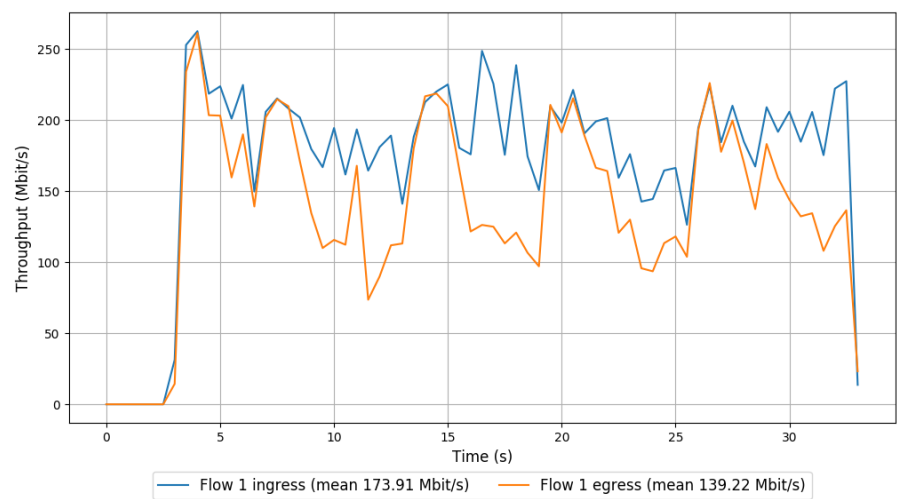
-- Flow 1:

Average throughput: 139.22 Mbit/s

95th percentile per-packet one-way delay: 26.892 ms

Loss rate: 19.93%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:39:55 +0000

End at: Thu, 29 Jun 2017 20:40:25 +0000

Local clock offset: 0.222 ms

Remote clock offset: -2.579 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:02:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.99 Mbit/s

95th percentile per-packet one-way delay: 24.114 ms

Loss rate: 3.69%

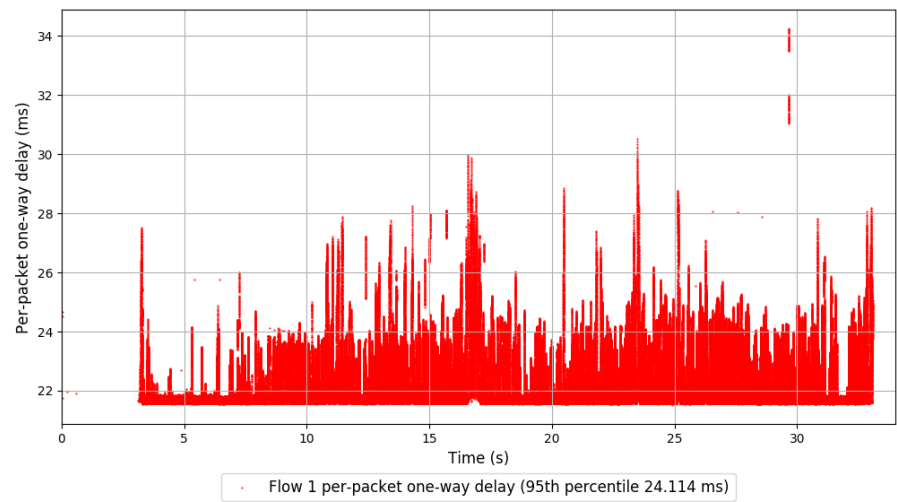
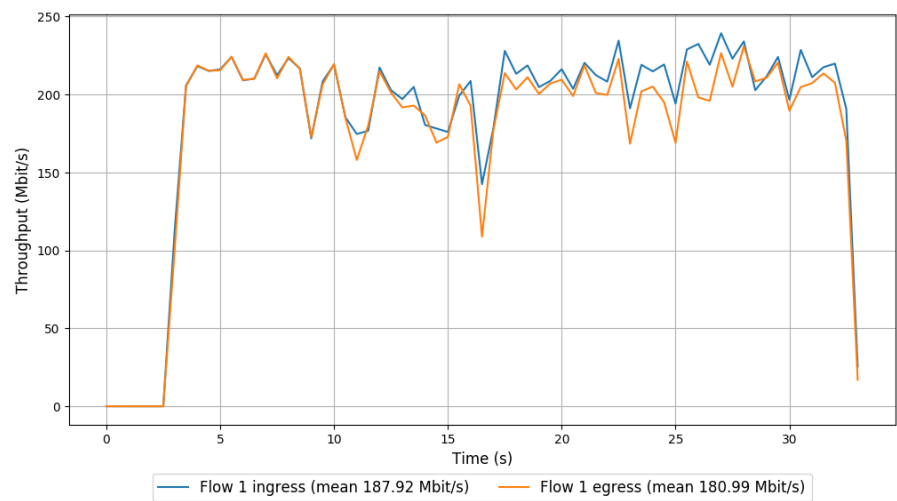
-- Flow 1:

Average throughput: 180.99 Mbit/s

95th percentile per-packet one-way delay: 24.114 ms

Loss rate: 3.69%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:59:30 +0000

End at: Thu, 29 Jun 2017 21:00:00 +0000

Local clock offset: 0.174 ms

Remote clock offset: -2.561 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 186.40 Mbit/s

95th percentile per-packet one-way delay: 24.759 ms

Loss rate: 8.32%

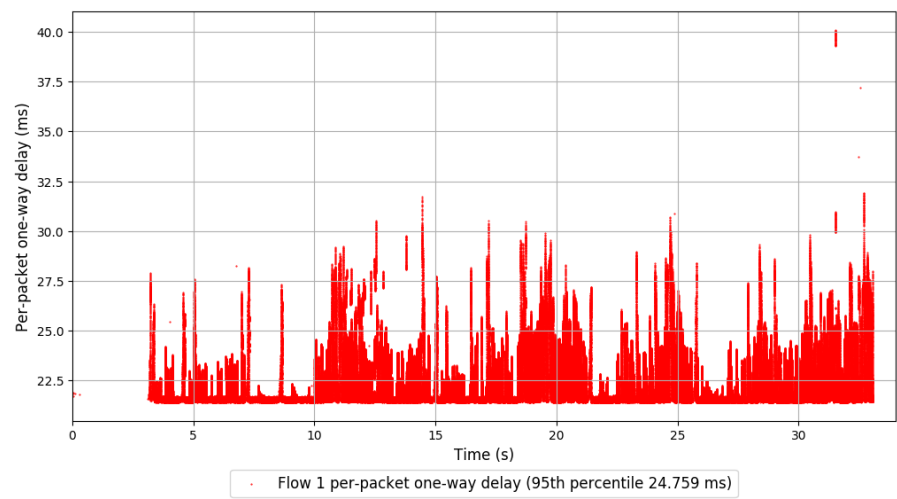
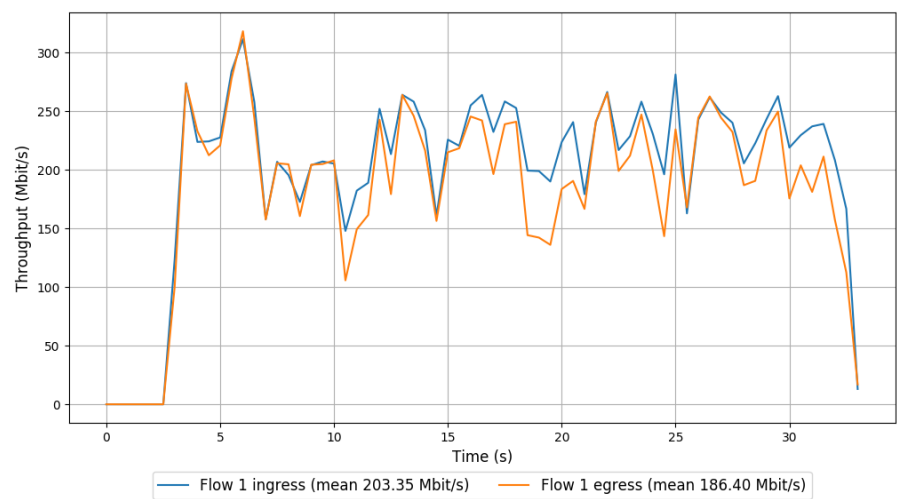
-- Flow 1:

Average throughput: 186.40 Mbit/s

95th percentile per-packet one-way delay: 24.759 ms

Loss rate: 8.32%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:19:12 +0000

End at: Thu, 29 Jun 2017 21:19:42 +0000

Local clock offset: 0.065 ms

Remote clock offset: -2.479 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 152.23 Mbit/s

95th percentile per-packet one-way delay: 25.049 ms

Loss rate: 10.25%

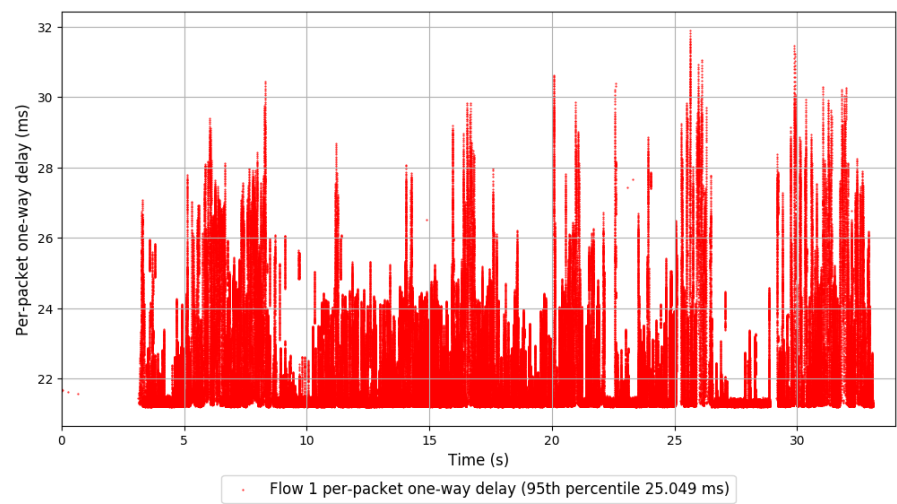
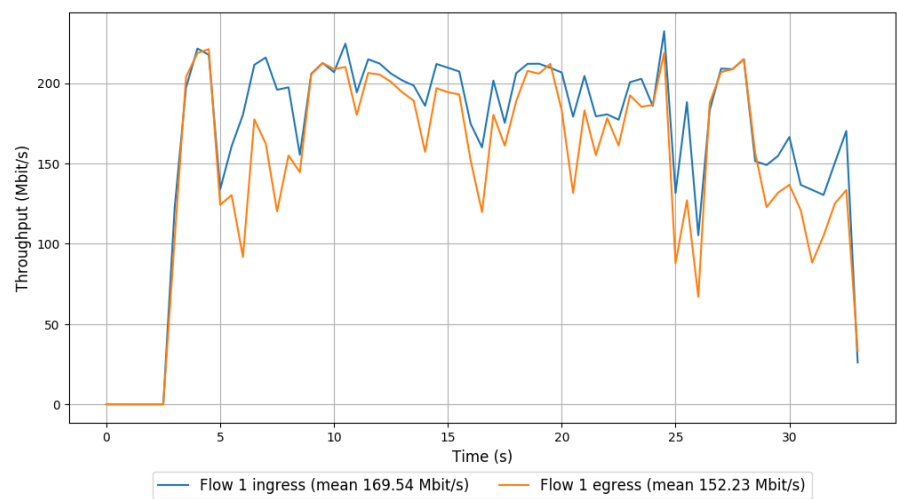
-- Flow 1:

Average throughput: 152.23 Mbit/s

95th percentile per-packet one-way delay: 25.049 ms

Loss rate: 10.25%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:39:07 +0000

End at: Thu, 29 Jun 2017 21:39:37 +0000

Local clock offset: -0.123 ms

Remote clock offset: -2.485 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 118.03 Mbit/s

95th percentile per-packet one-way delay: 27.441 ms

Loss rate: 32.63%

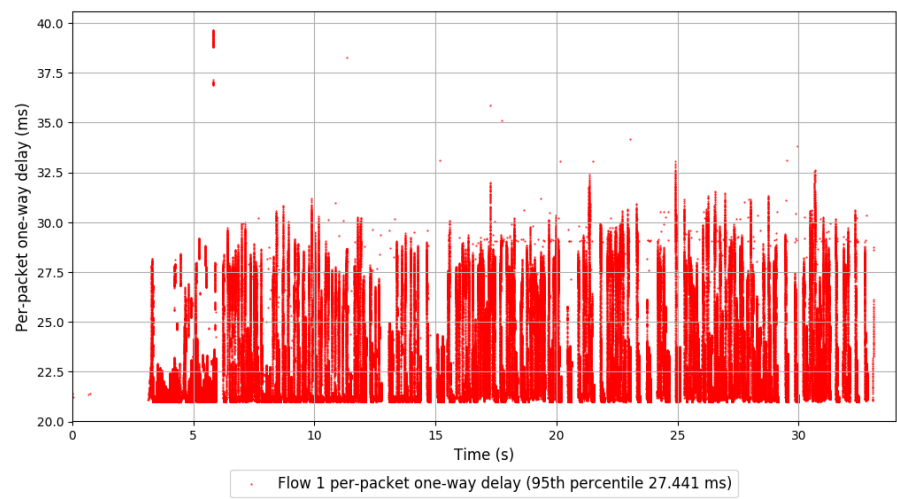
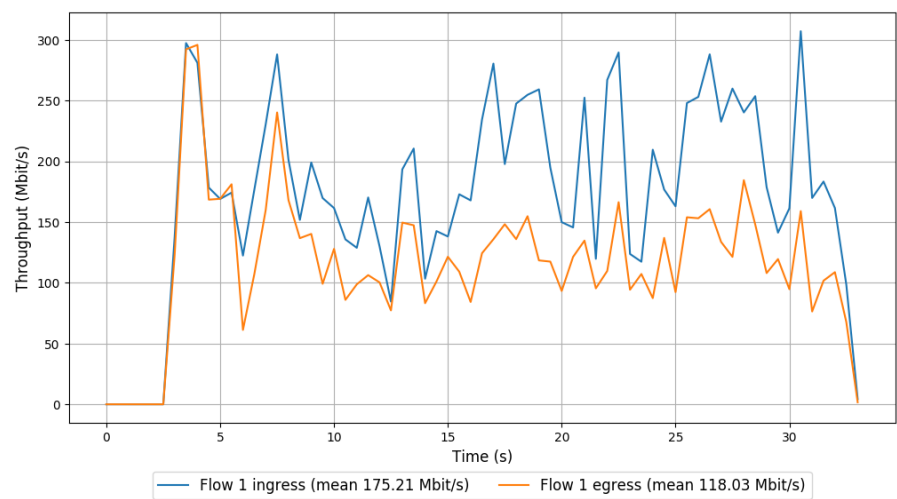
-- Flow 1:

Average throughput: 118.03 Mbit/s

95th percentile per-packet one-way delay: 27.441 ms

Loss rate: 32.63%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:58:55 +0000

End at: Thu, 29 Jun 2017 21:59:25 +0000

Local clock offset: -0.188 ms

Remote clock offset: -2.391 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 147.00 Mbit/s

95th percentile per-packet one-way delay: 26.100 ms

Loss rate: 16.87%

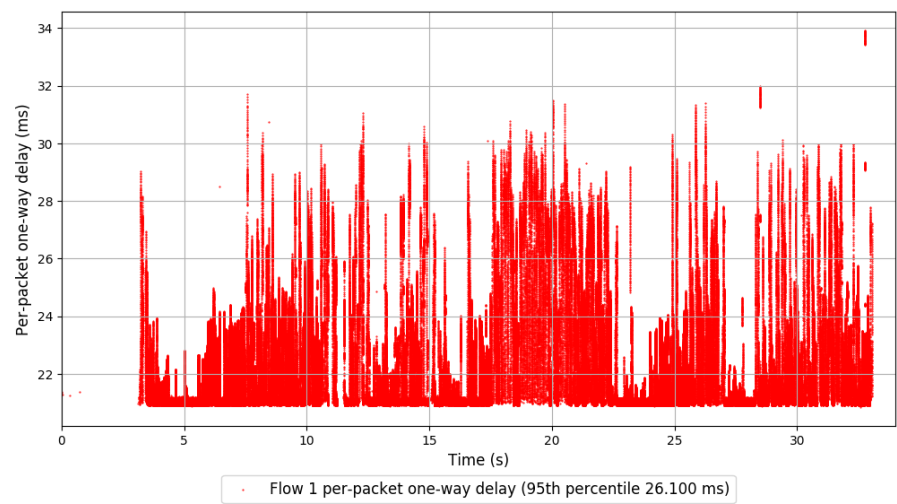
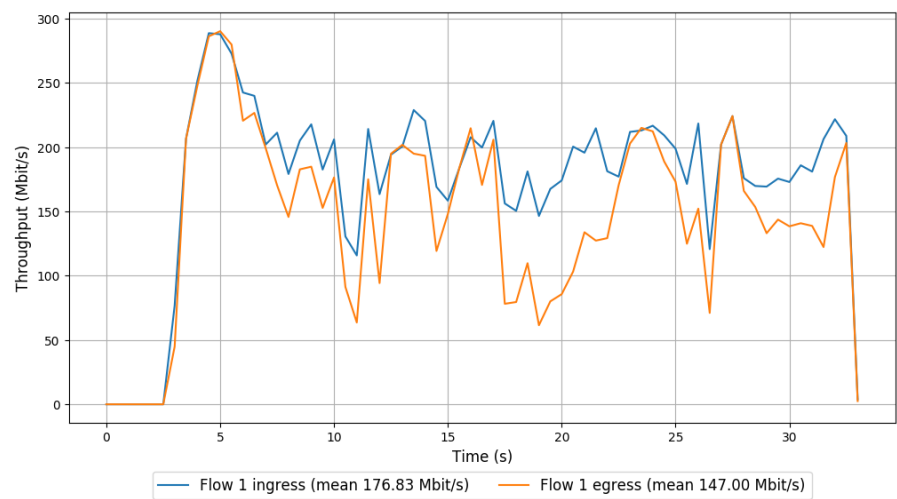
-- Flow 1:

Average throughput: 147.00 Mbit/s

95th percentile per-packet one-way delay: 26.100 ms

Loss rate: 16.87%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:09:35 +0000

End at: Thu, 29 Jun 2017 19:10:05 +0000

Local clock offset: 0.382 ms

Remote clock offset: -3.534 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 23.153 ms

Loss rate: 0.01%

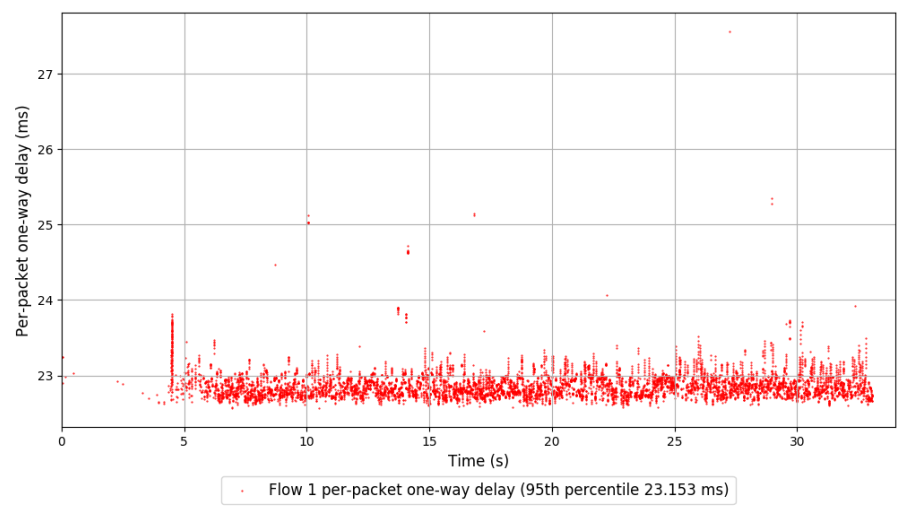
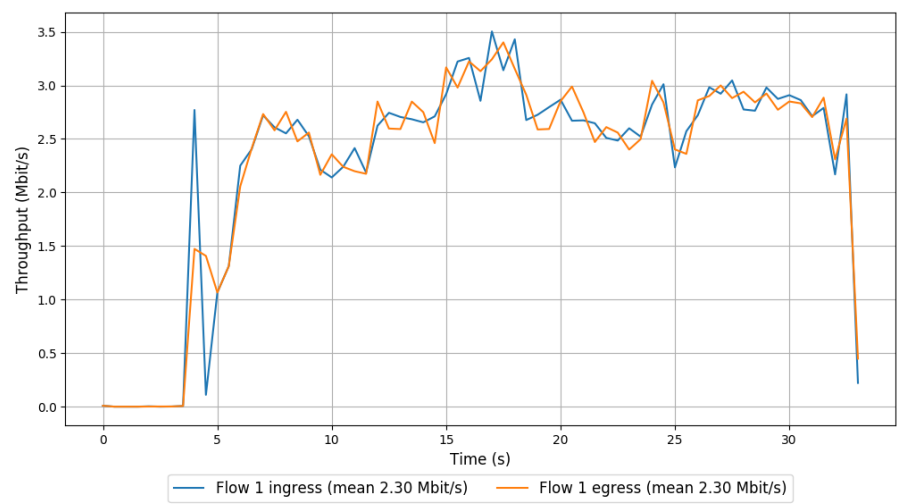
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 23.153 ms

Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:29:19 +0000

End at: Thu, 29 Jun 2017 19:29:49 +0000

Local clock offset: 0.562 ms

Remote clock offset: -3.066 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 22.799 ms

Loss rate: 0.00%

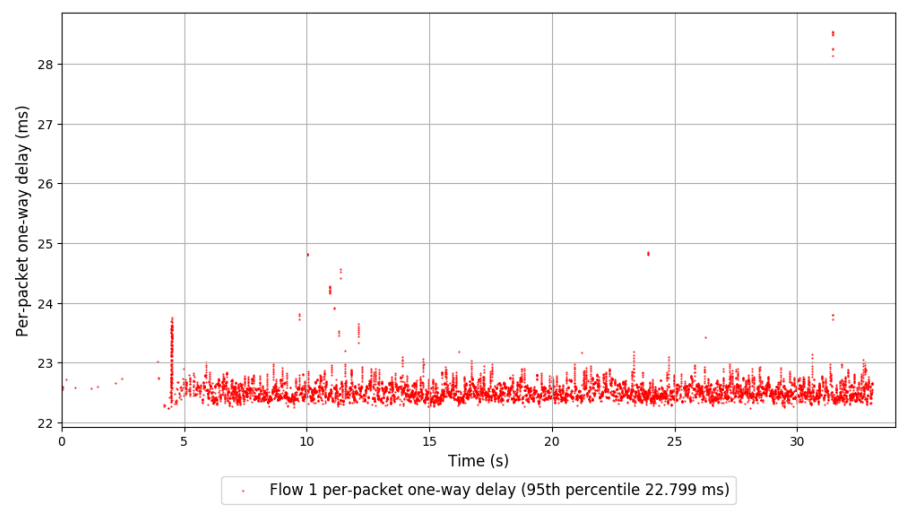
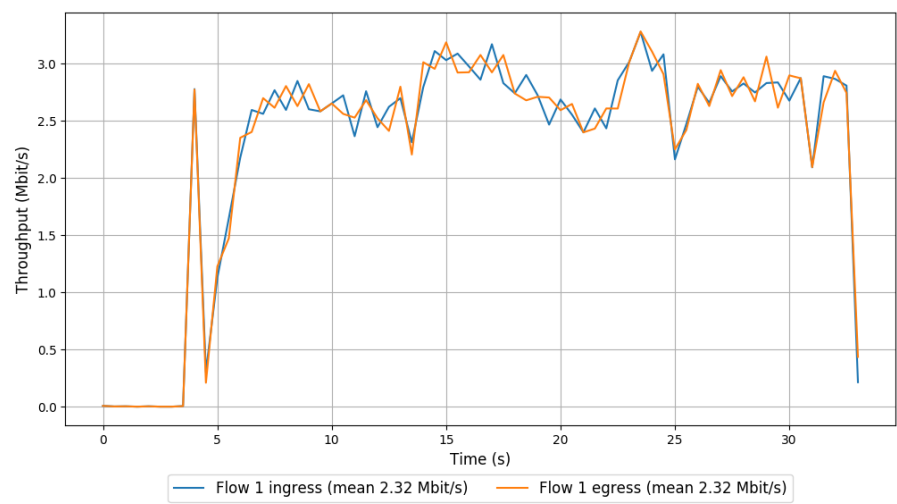
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 22.799 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:49:10 +0000

End at: Thu, 29 Jun 2017 19:49:40 +0000

Local clock offset: 0.54 ms

Remote clock offset: -2.944 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 22.705 ms

Loss rate: 0.01%

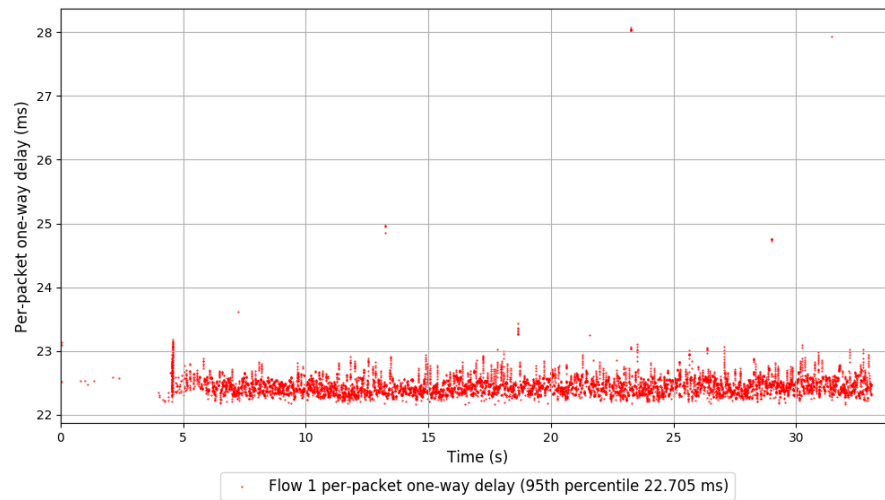
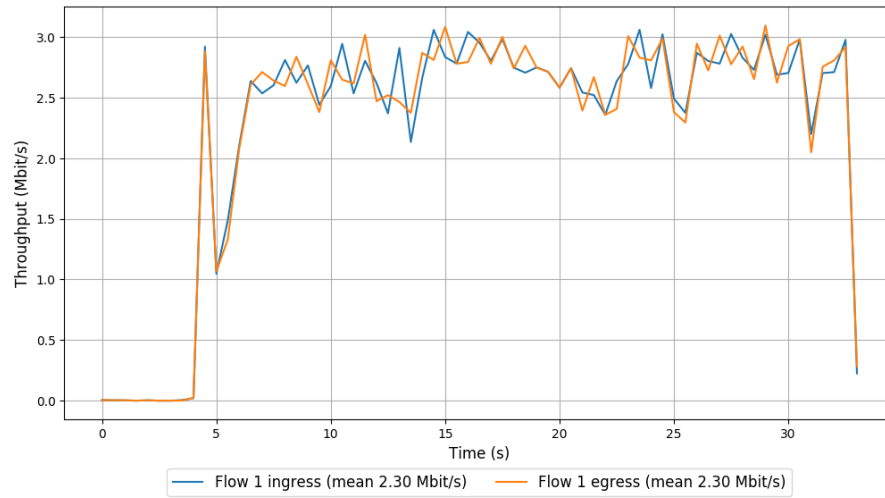
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 22.705 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:08:32 +0000

End at: Thu, 29 Jun 2017 20:09:02 +0000

Local clock offset: 0.555 ms

Remote clock offset: -2.808 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.486 ms

Loss rate: 0.04%

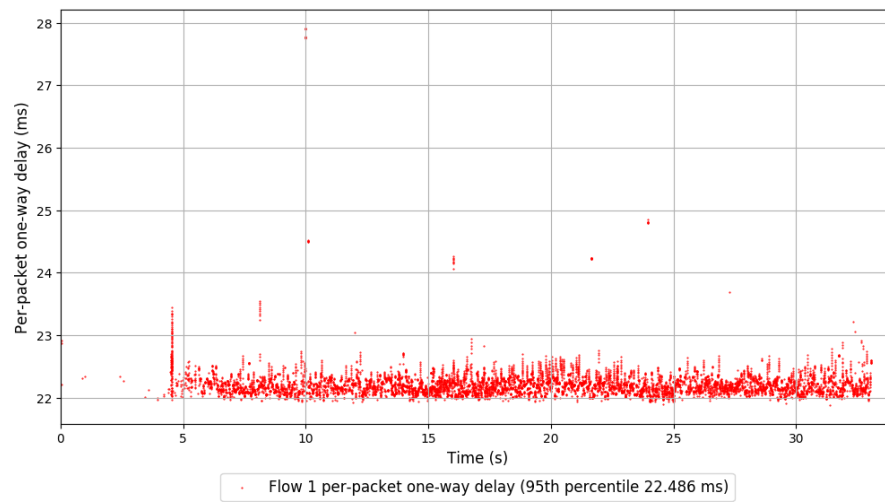
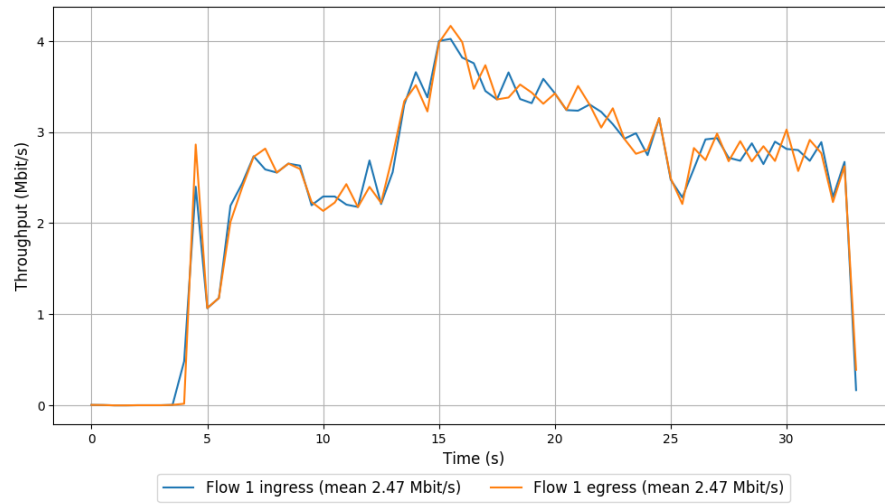
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.486 ms

Loss rate: 0.04%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:28:18 +0000

End at: Thu, 29 Jun 2017 20:28:48 +0000

Local clock offset: 0.322 ms

Remote clock offset: -2.58 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 22.245 ms

Loss rate: 0.00%

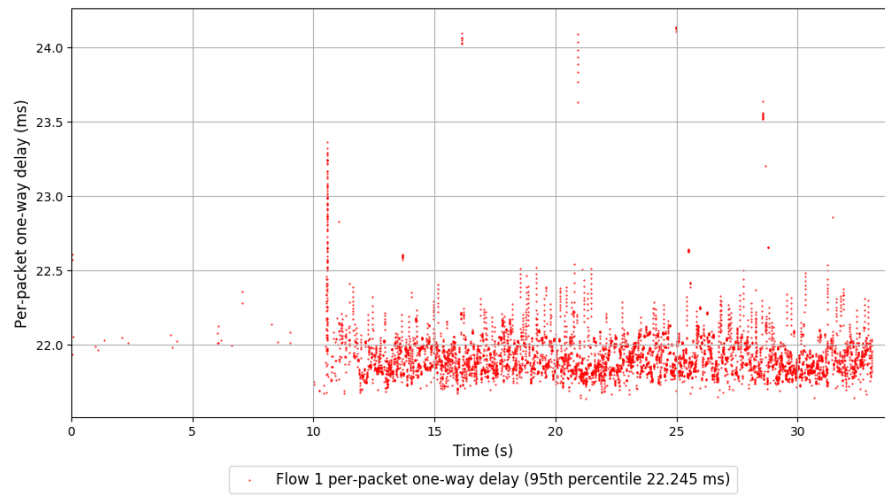
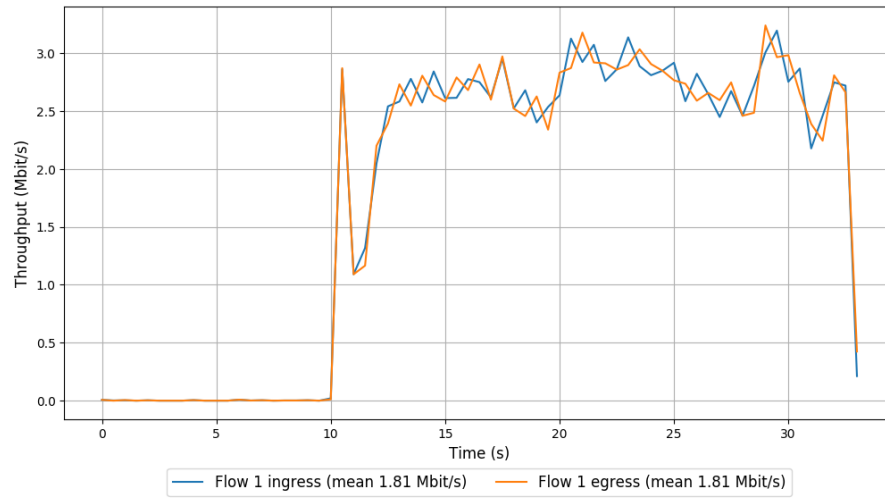
-- Flow 1:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 22.245 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:48:21 +0000

End at: Thu, 29 Jun 2017 20:48:51 +0000

Local clock offset: 0.155 ms

Remote clock offset: -2.639 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 22.039 ms

Loss rate: 0.00%

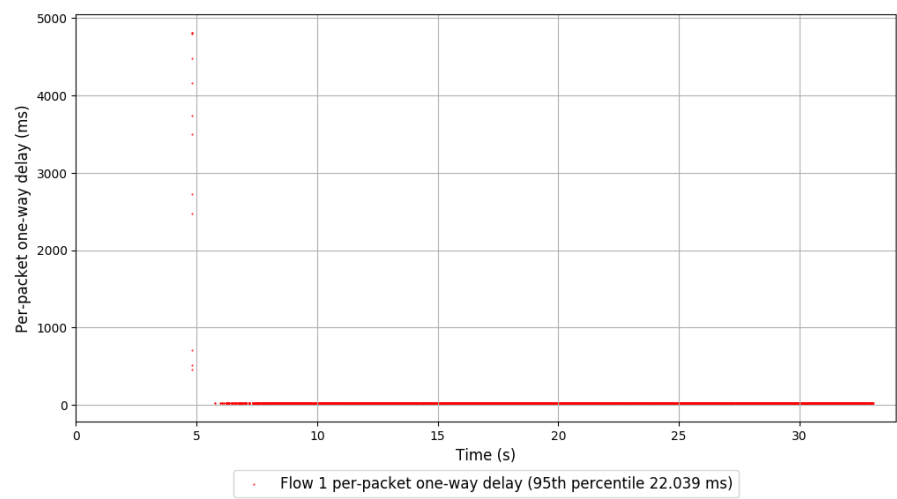
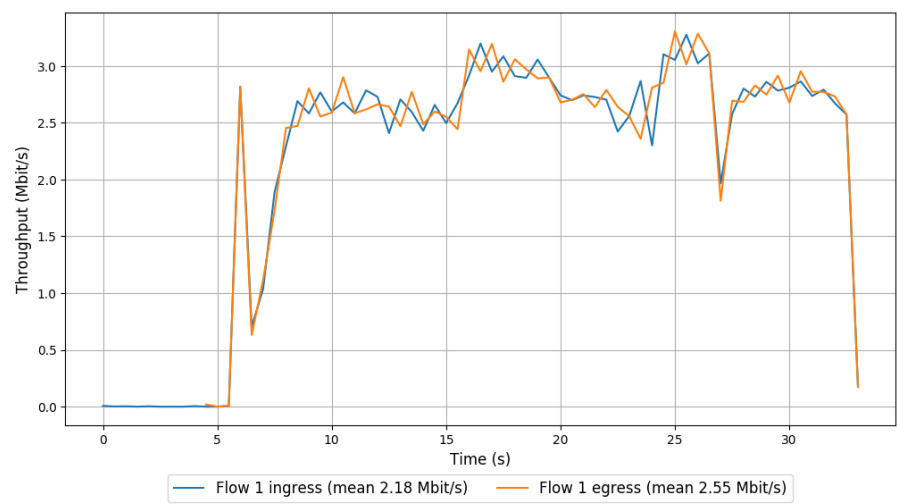
-- Flow 1:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 22.039 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:07:48 +0000

End at: Thu, 29 Jun 2017 21:08:18 +0000

Local clock offset: 0.015 ms

Remote clock offset: -2.542 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 21.865 ms

Loss rate: 0.00%

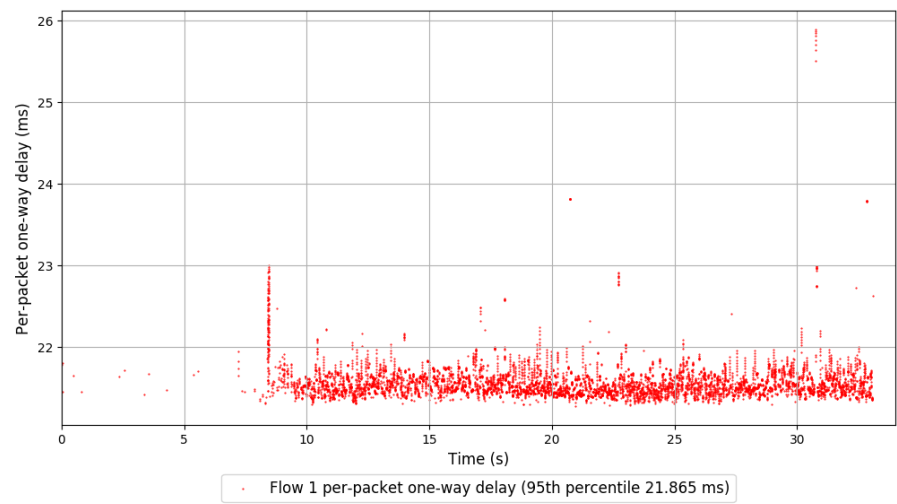
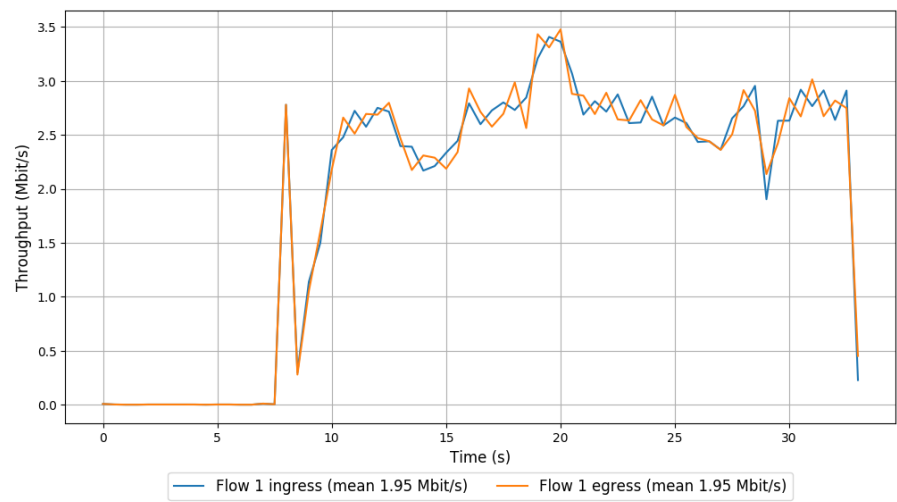
-- Flow 1:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 21.865 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:27:29 +0000

End at: Thu, 29 Jun 2017 21:27:59 +0000

Local clock offset: -0.011 ms

Remote clock offset: -2.515 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 21.735 ms

Loss rate: 0.00%

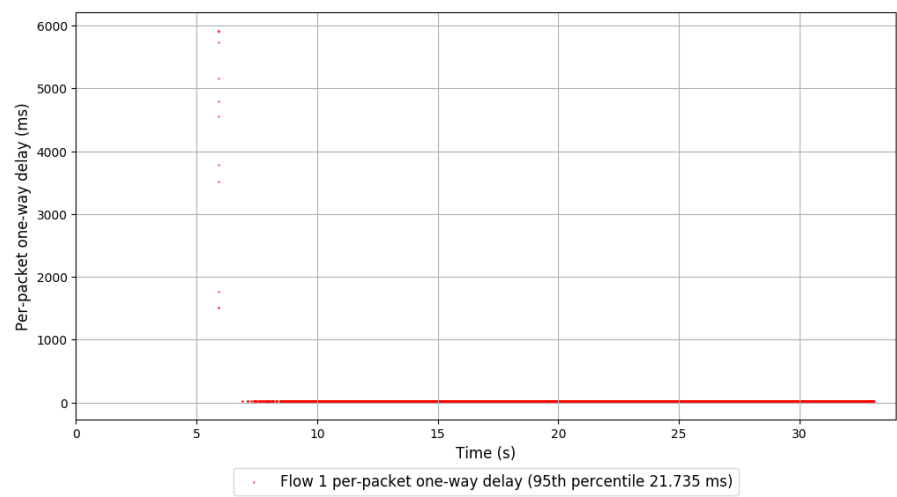
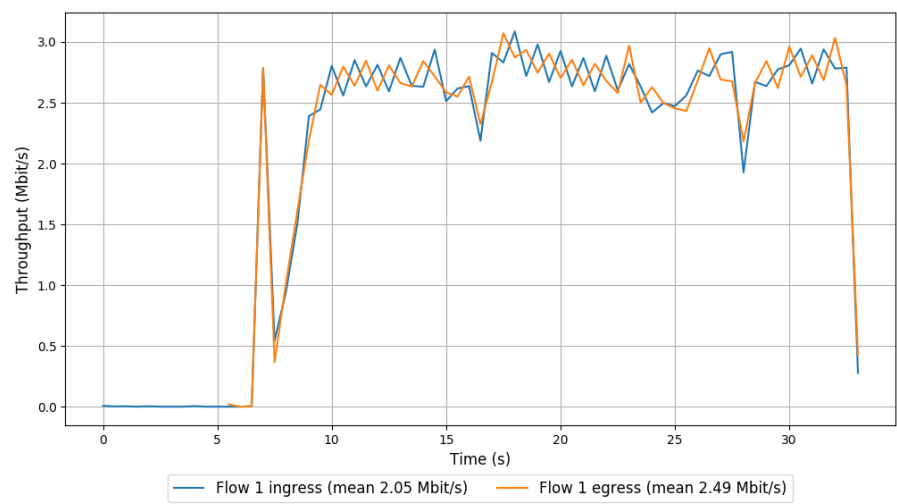
-- Flow 1:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 21.735 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:47:16 +0000

End at: Thu, 29 Jun 2017 21:47:46 +0000

Local clock offset: -0.19 ms

Remote clock offset: -2.422 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 21.407 ms

Loss rate: 0.00%

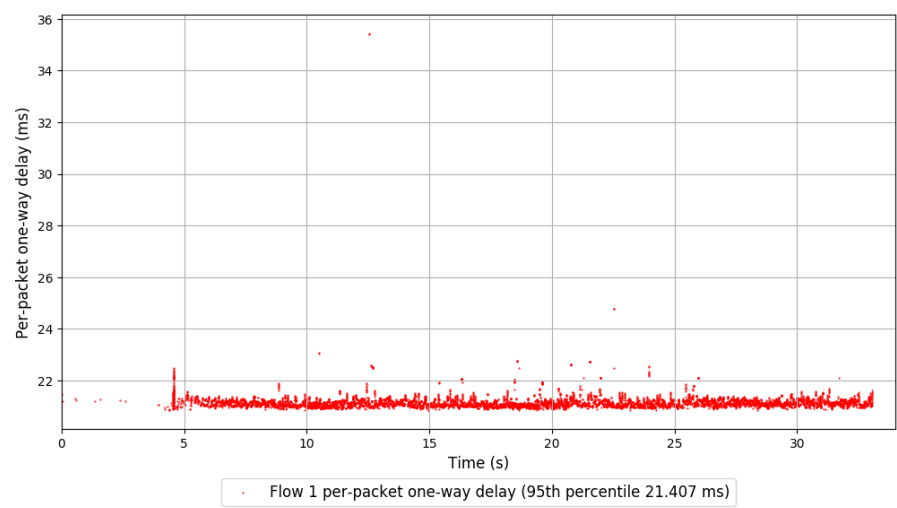
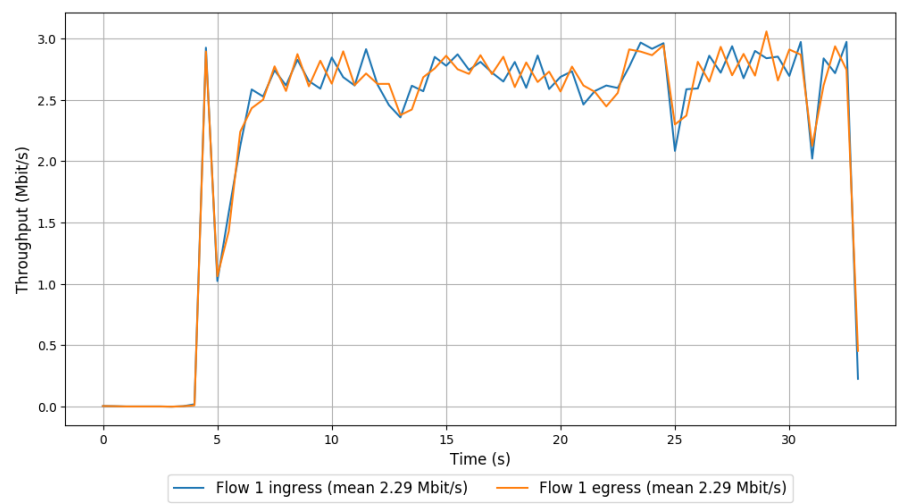
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 21.407 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:07:10 +0000

End at: Thu, 29 Jun 2017 22:07:40 +0000

Local clock offset: -0.306 ms

Remote clock offset: -2.491 ms

Below is generated by plot.py at Fri, 30 Jun 2017 04:03:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.88 Mbit/s

95th percentile per-packet one-way delay: 21.595 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.88 Mbit/s

95th percentile per-packet one-way delay: 21.595 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

