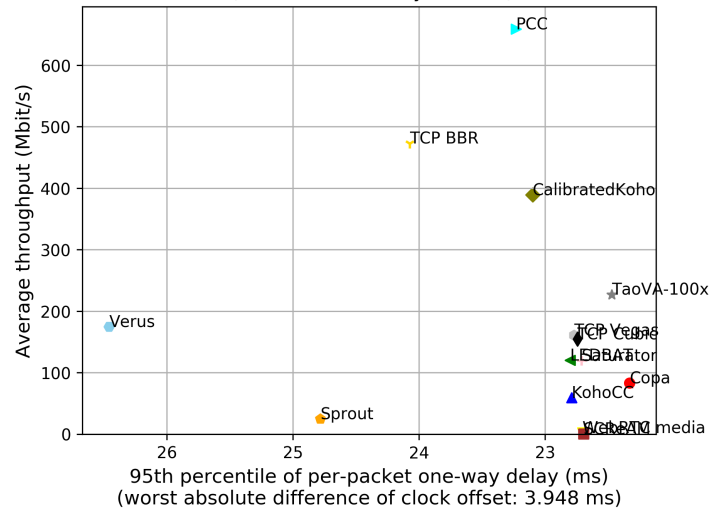


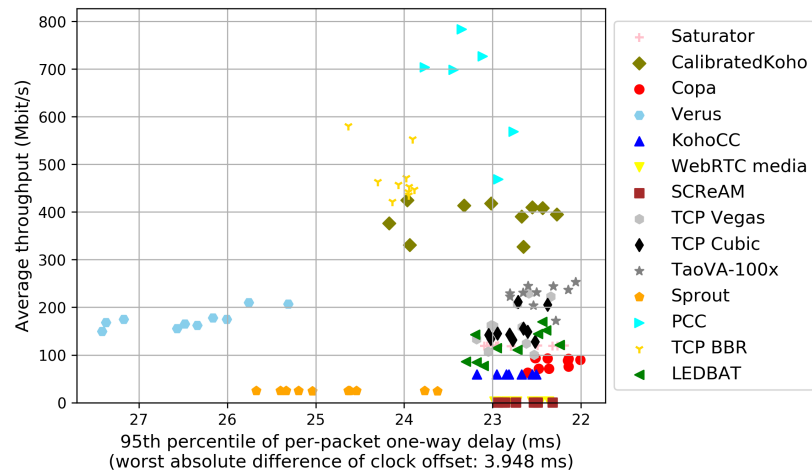
Pantheon Summary (Generated at Wed, 05 Jul 2017 15:33:49 +0000 with
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** AWS California 1 Ethernet **to** Stanford Ethernet.
NTP offset measured against time.stanford.edu.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
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
```

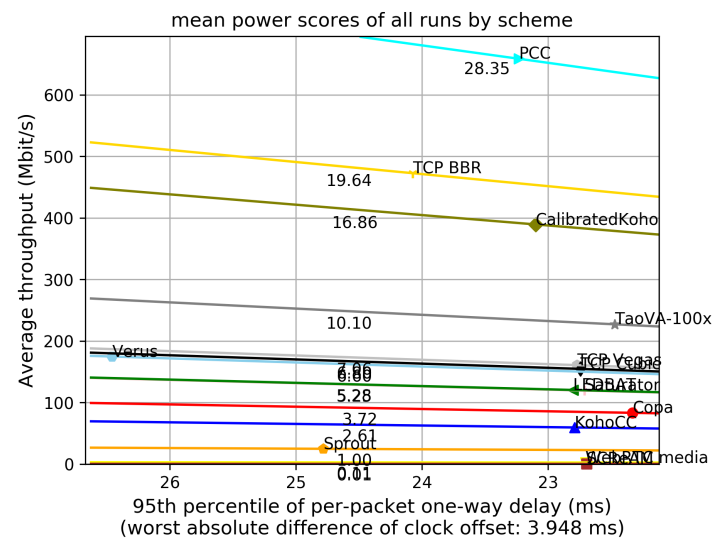
test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



Run 1: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 07:16:26 +0000

End at: Wed, 05 Jul 2017 07:16:56 +0000

Local clock offset: 0.76 ms

Remote clock offset: -3.093 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:33:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 458.06 Mbit/s

95th percentile per-packet one-way delay: 24.065 ms

Loss rate: 4.10%

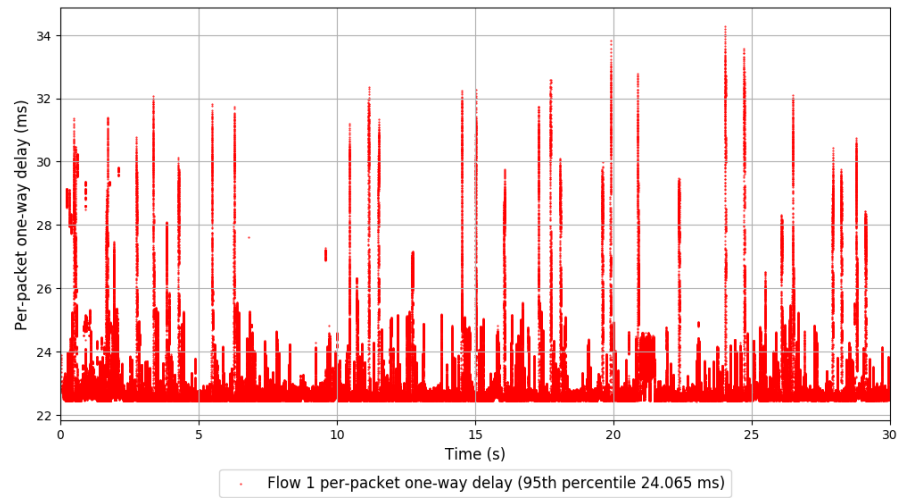
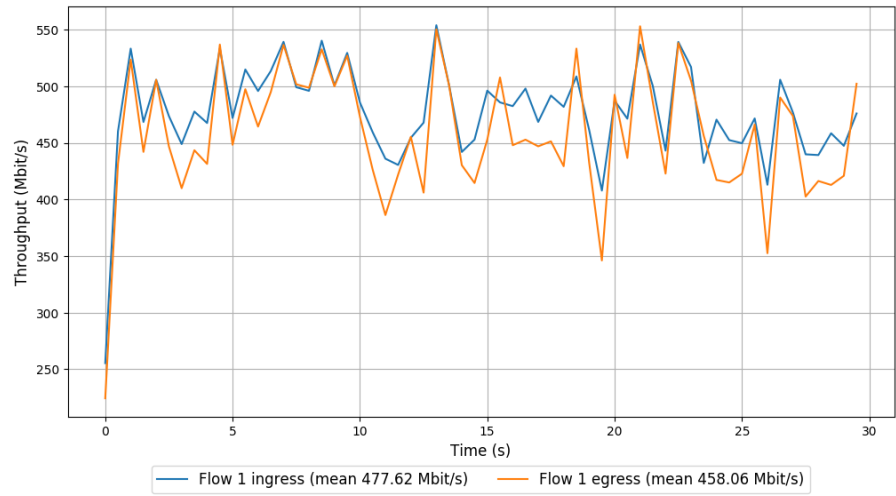
-- Flow 1:

Average throughput: 458.06 Mbit/s

95th percentile per-packet one-way delay: 24.065 ms

Loss rate: 4.10%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 07:35:55 +0000

End at: Wed, 05 Jul 2017 07:36:25 +0000

Local clock offset: 0.812 ms

Remote clock offset: -2.719 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:33:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 452.94 Mbit/s

95th percentile per-packet one-way delay: 23.947 ms

Loss rate: 3.55%

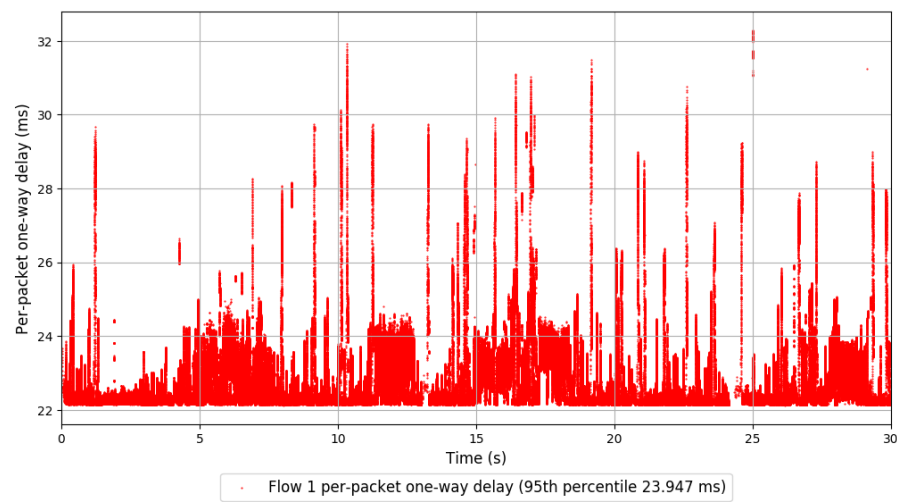
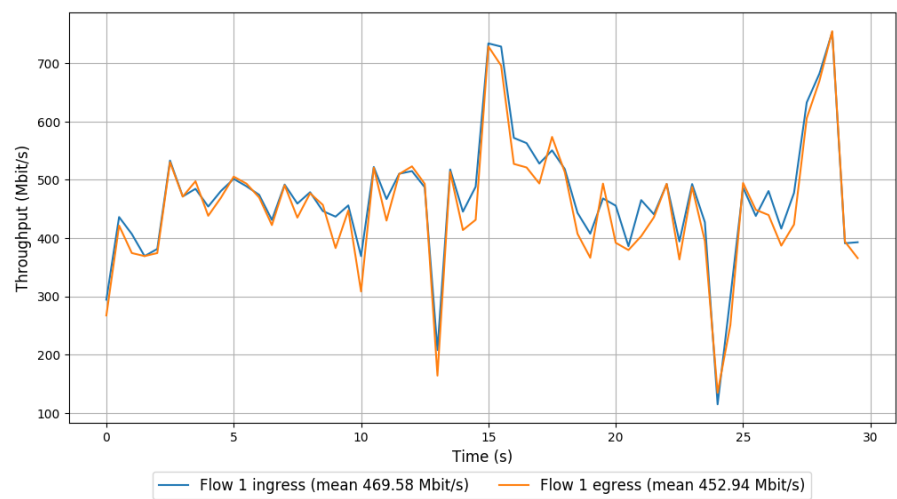
-- Flow 1:

Average throughput: 452.94 Mbit/s

95th percentile per-packet one-way delay: 23.947 ms

Loss rate: 3.55%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 07:55:54 +0000

End at: Wed, 05 Jul 2017 07:56:24 +0000

Local clock offset: 0.879 ms

Remote clock offset: -2.381 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:35:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 552.95 Mbit/s

95th percentile per-packet one-way delay: 23.906 ms

Loss rate: 3.66%

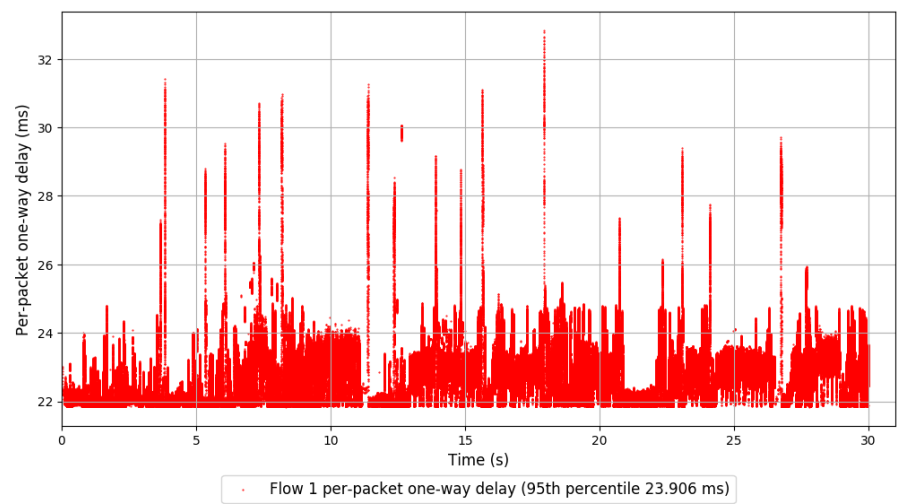
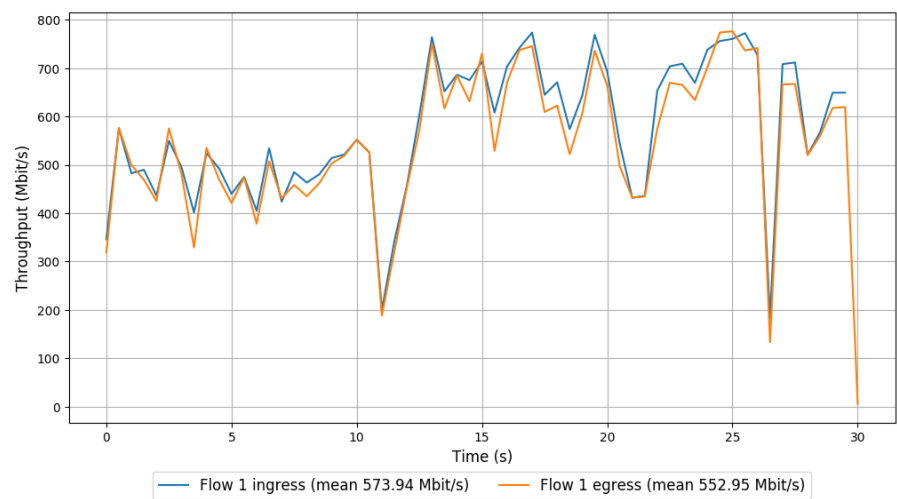
-- Flow 1:

Average throughput: 552.95 Mbit/s

95th percentile per-packet one-way delay: 23.906 ms

Loss rate: 3.66%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 08:15:44 +0000

End at: Wed, 05 Jul 2017 08:16:14 +0000

Local clock offset: 0.905 ms

Remote clock offset: -2.258 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:35:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 471.99 Mbit/s

95th percentile per-packet one-way delay: 23.977 ms

Loss rate: 4.34%

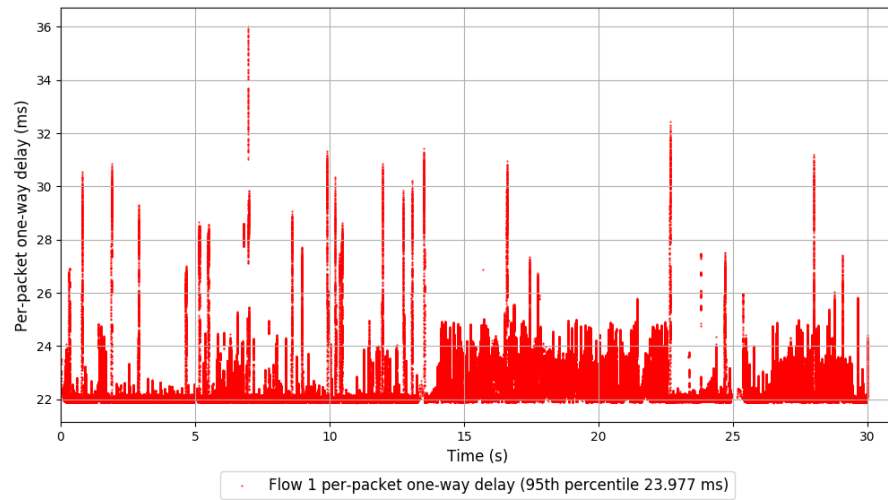
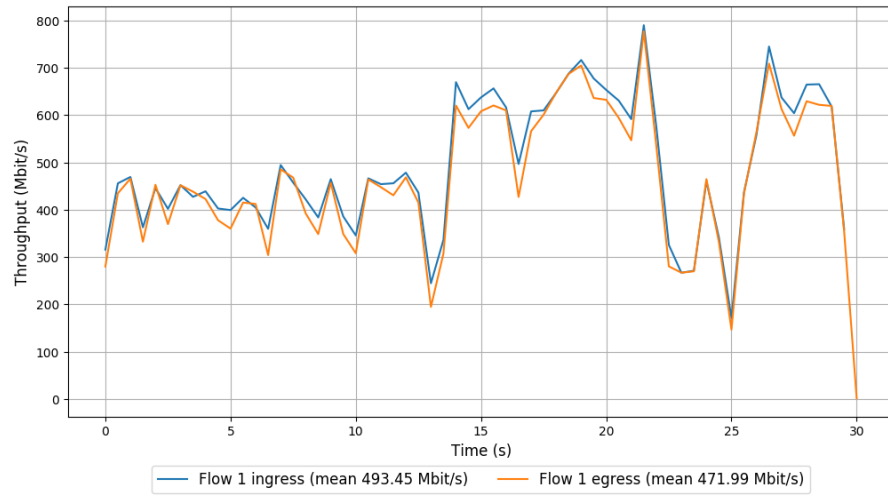
-- Flow 1:

Average throughput: 471.99 Mbit/s

95th percentile per-packet one-way delay: 23.977 ms

Loss rate: 4.34%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 08:35:09 +0000

End at: Wed, 05 Jul 2017 08:35:39 +0000

Local clock offset: 0.85 ms

Remote clock offset: -2.556 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:36:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 580.70 Mbit/s

95th percentile per-packet one-way delay: 24.633 ms

Loss rate: 6.41%

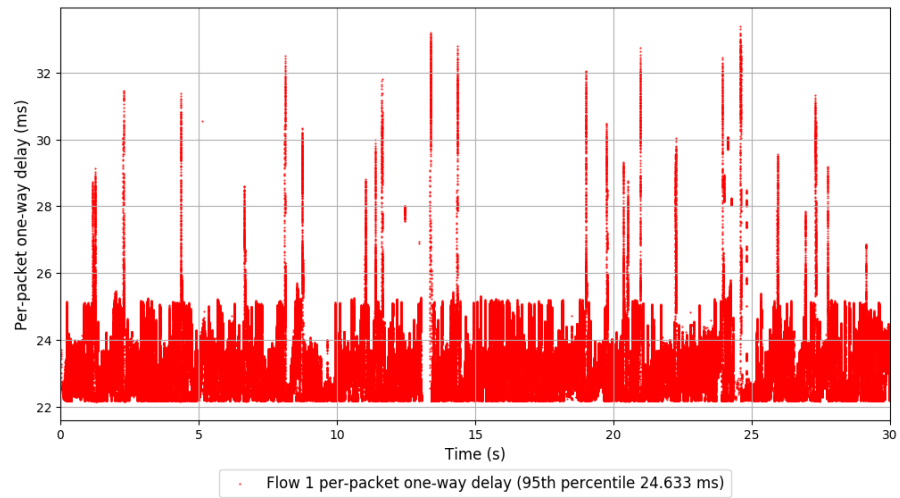
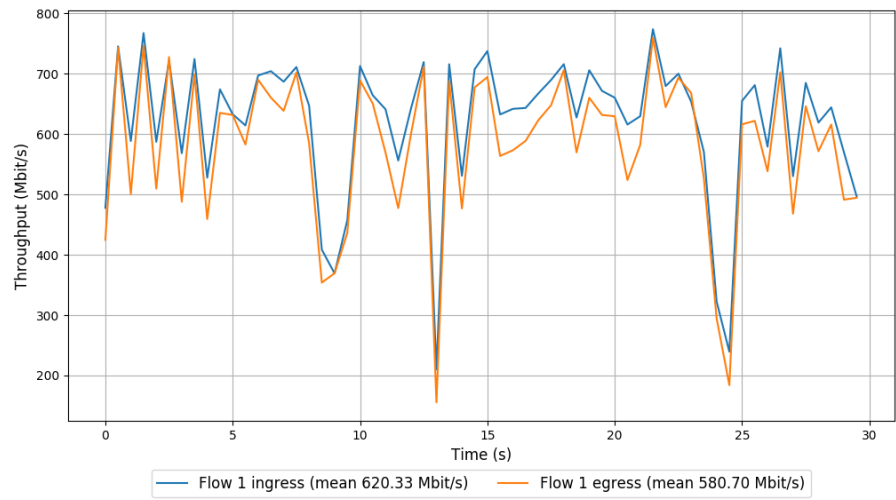
-- Flow 1:

Average throughput: 580.70 Mbit/s

95th percentile per-packet one-way delay: 24.633 ms

Loss rate: 6.41%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 08:55:00 +0000

End at: Wed, 05 Jul 2017 08:55:30 +0000

Local clock offset: 0.856 ms

Remote clock offset: -2.5 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:36:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 447.01 Mbit/s

95th percentile per-packet one-way delay: 23.885 ms

Loss rate: 3.31%

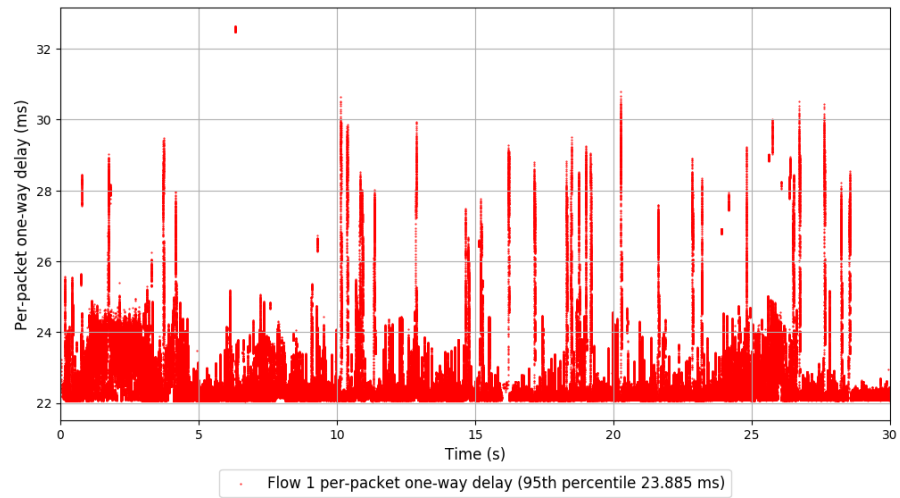
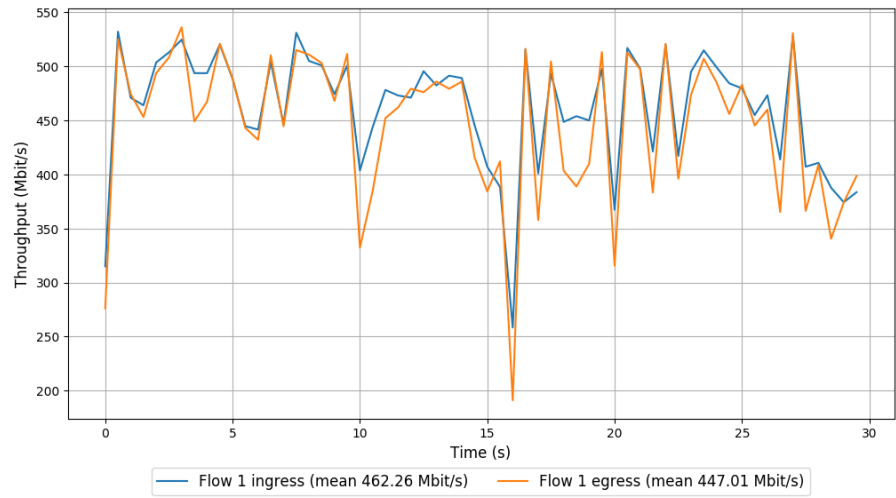
-- Flow 1:

Average throughput: 447.01 Mbit/s

95th percentile per-packet one-way delay: 23.885 ms

Loss rate: 3.31%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 09:14:50 +0000

End at: Wed, 05 Jul 2017 09:15:20 +0000

Local clock offset: 0.883 ms

Remote clock offset: -2.666 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:37:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 435.60 Mbit/s

95th percentile per-packet one-way delay: 23.949 ms

Loss rate: 2.94%

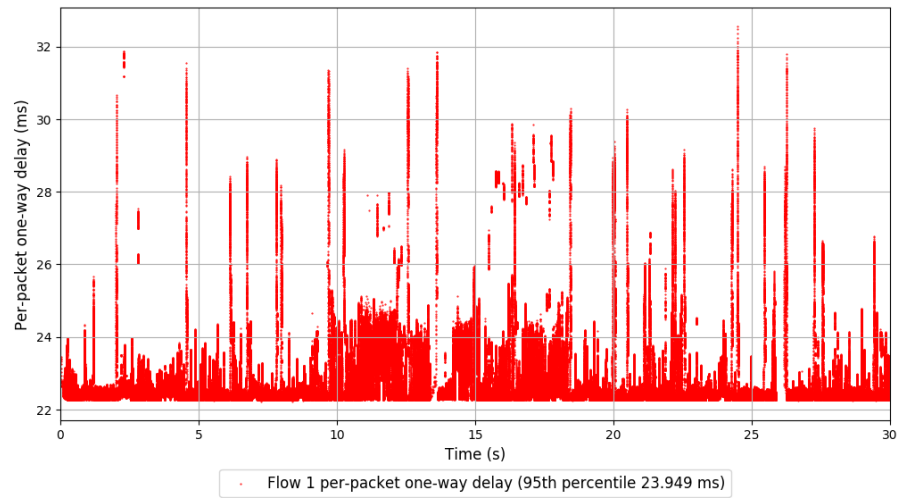
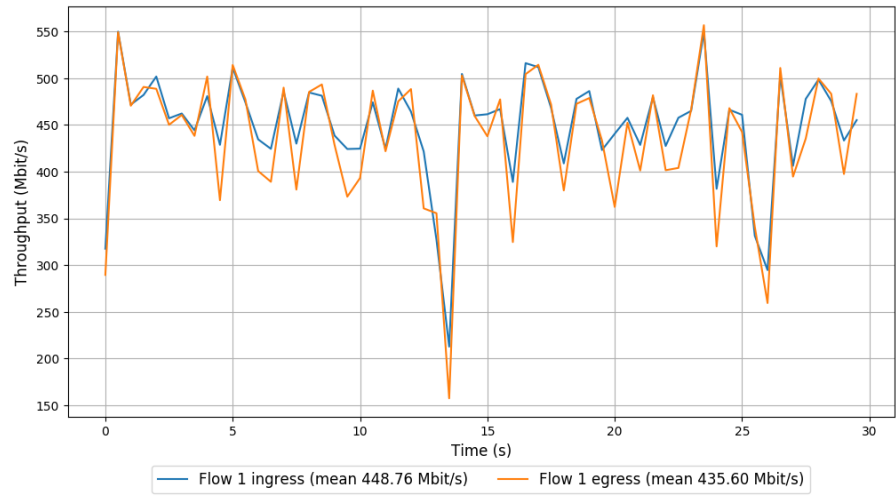
-- Flow 1:

Average throughput: 435.60 Mbit/s

95th percentile per-packet one-way delay: 23.949 ms

Loss rate: 2.94%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 09:34:31 +0000

End at: Wed, 05 Jul 2017 09:35:01 +0000

Local clock offset: 0.797 ms

Remote clock offset: -2.957 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:37:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 422.12 Mbit/s

95th percentile per-packet one-way delay: 24.135 ms

Loss rate: 4.26%

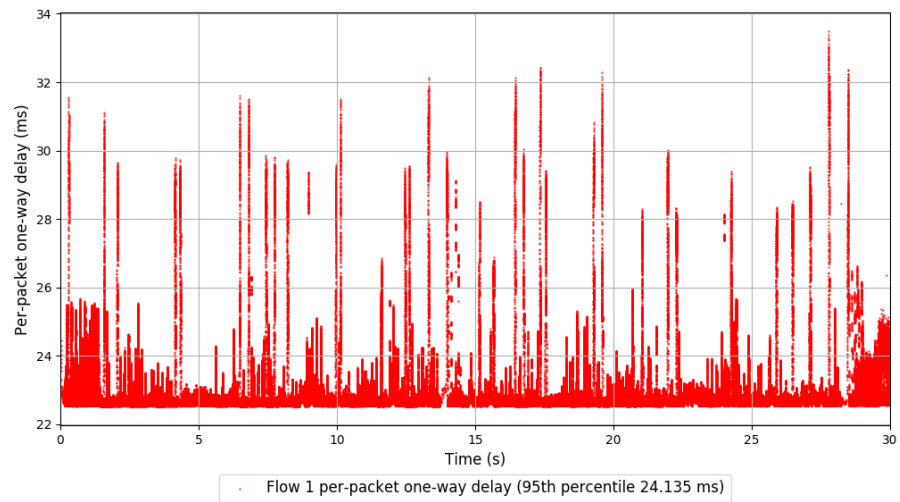
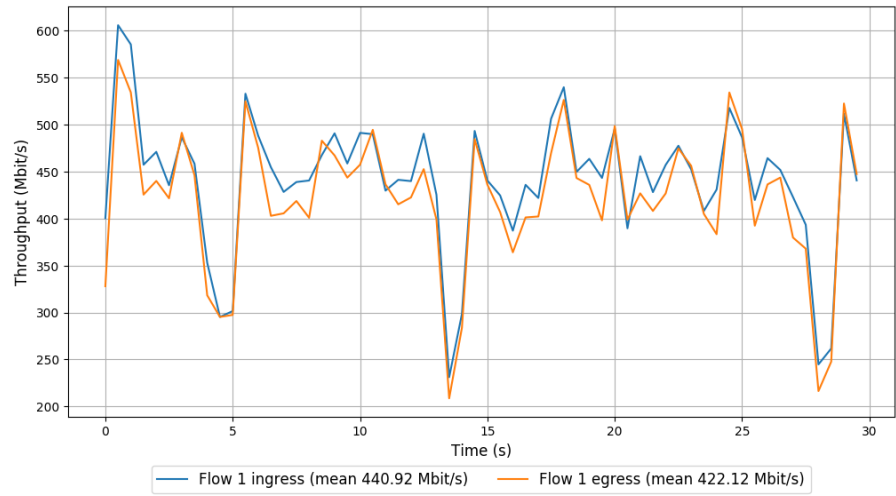
-- Flow 1:

Average throughput: 422.12 Mbit/s

95th percentile per-packet one-way delay: 24.135 ms

Loss rate: 4.26%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 09:53:57 +0000

End at: Wed, 05 Jul 2017 09:54:27 +0000

Local clock offset: 0.761 ms

Remote clock offset: -3.15 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:38:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 463.64 Mbit/s

95th percentile per-packet one-way delay: 24.297 ms

Loss rate: 3.45%

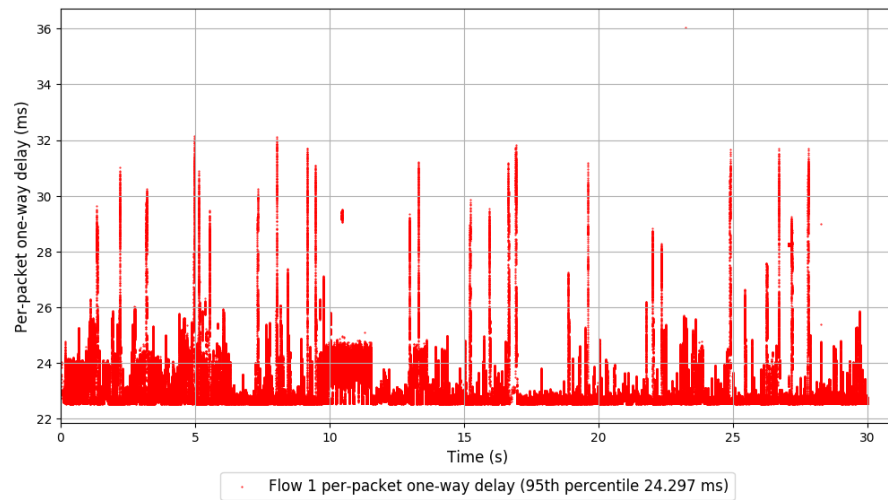
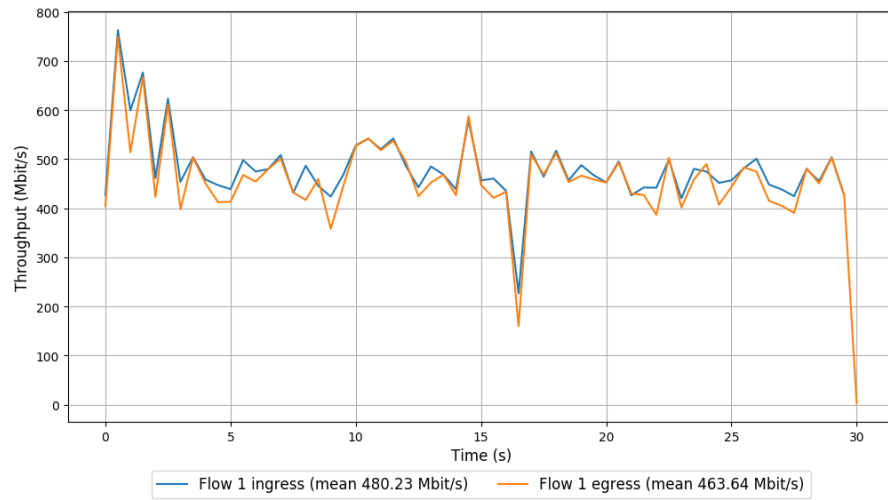
-- Flow 1:

Average throughput: 463.64 Mbit/s

95th percentile per-packet one-way delay: 24.297 ms

Loss rate: 3.45%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Wed, 05 Jul 2017 10:13:14 +0000

End at: Wed, 05 Jul 2017 10:13:44 +0000

Local clock offset: 0.704 ms

Remote clock offset: -3.001 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:38:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 442.08 Mbit/s

95th percentile per-packet one-way delay: 23.952 ms

Loss rate: 3.93%

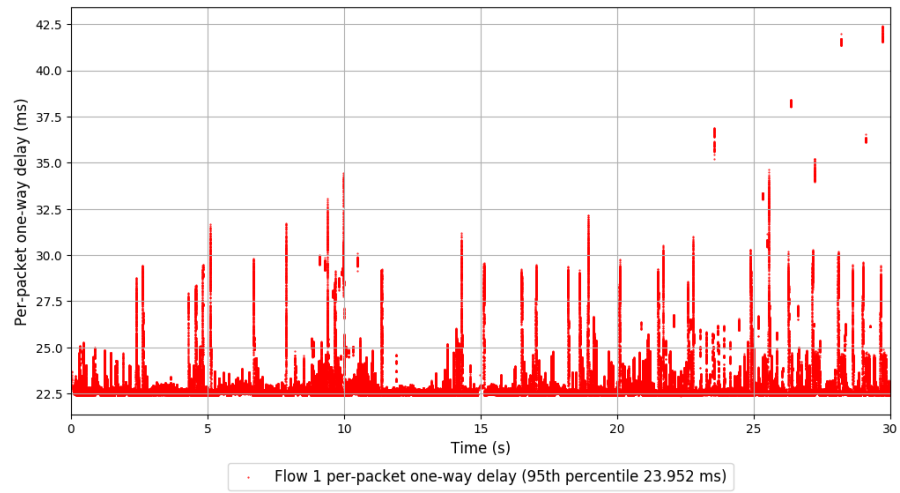
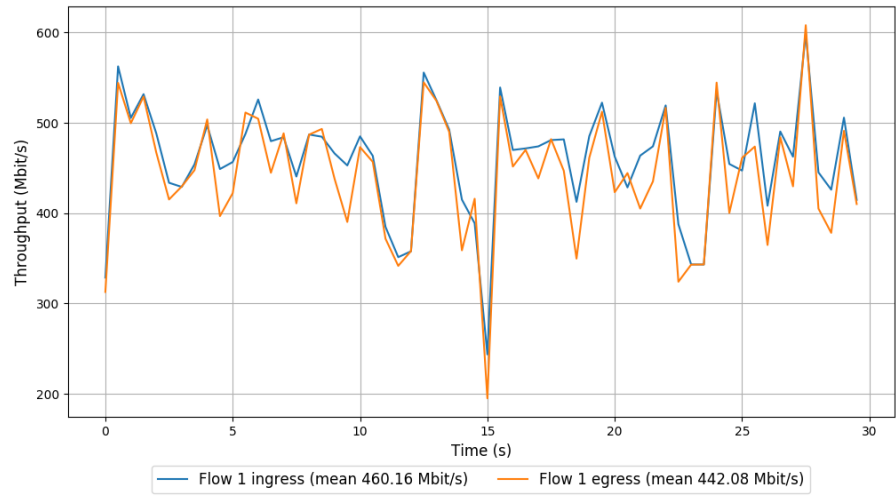
-- Flow 1:

Average throughput: 442.08 Mbit/s

95th percentile per-packet one-way delay: 23.952 ms

Loss rate: 3.93%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 07:31:46 +0000

End at: Wed, 05 Jul 2017 07:32:16 +0000

Local clock offset: 0.674 ms

Remote clock offset: -2.759 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:38:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 408.67 Mbit/s

95th percentile per-packet one-way delay: 22.433 ms

Loss rate: 0.13%

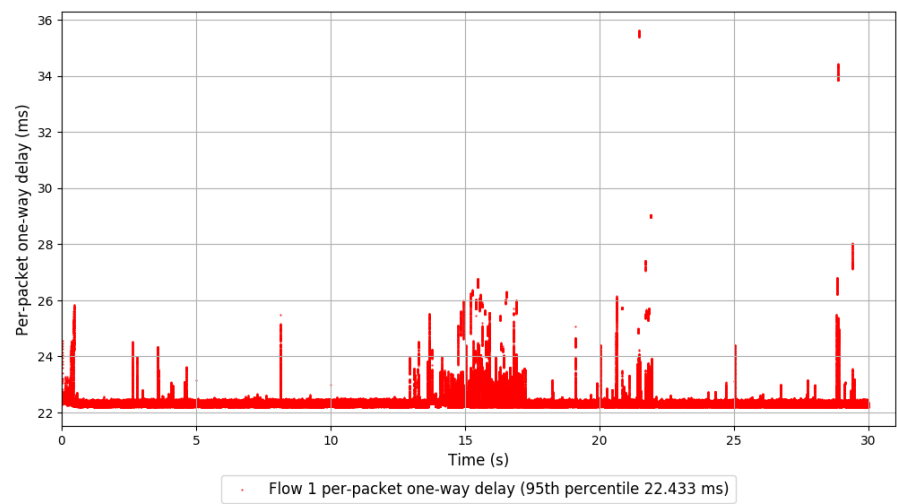
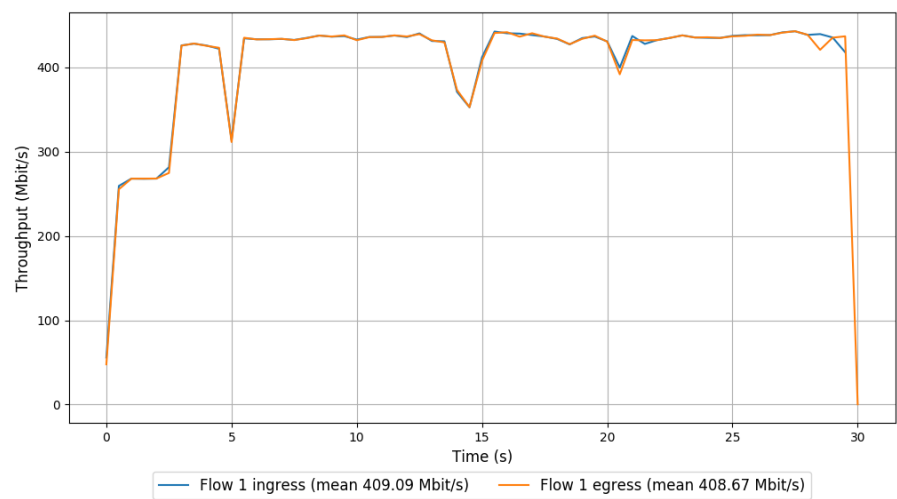
-- Flow 1:

Average throughput: 408.67 Mbit/s

95th percentile per-packet one-way delay: 22.433 ms

Loss rate: 0.13%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 07:51:46 +0000

End at: Wed, 05 Jul 2017 07:52:16 +0000

Local clock offset: 0.738 ms

Remote clock offset: -2.408 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:39:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 394.76 Mbit/s

95th percentile per-packet one-way delay: 22.274 ms

Loss rate: 0.08%

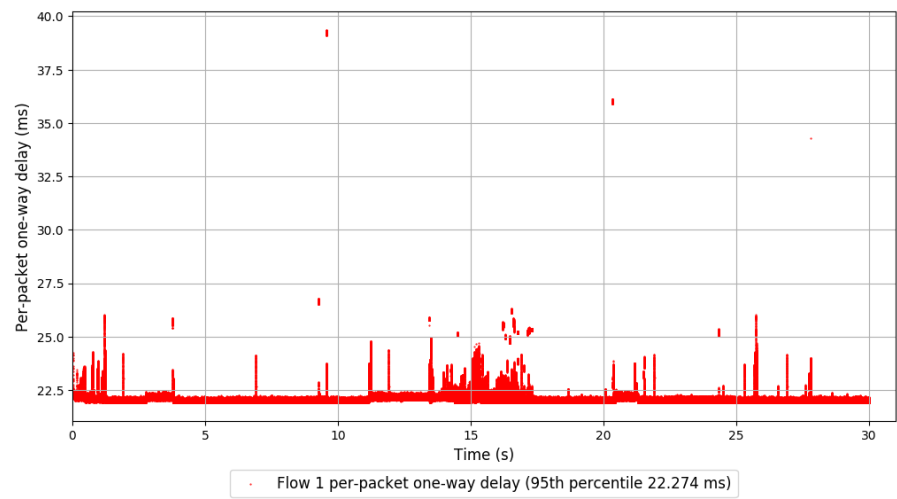
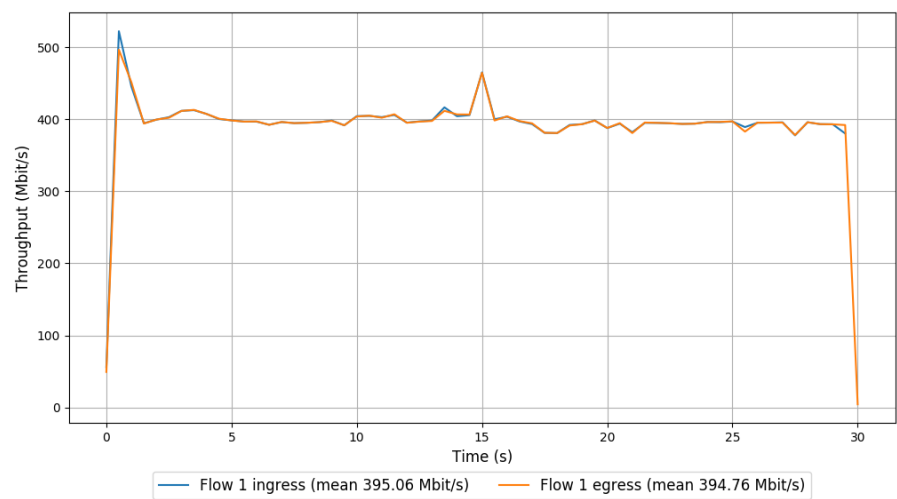
-- Flow 1:

Average throughput: 394.76 Mbit/s

95th percentile per-packet one-way delay: 22.274 ms

Loss rate: 0.08%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 08:11:40 +0000

End at: Wed, 05 Jul 2017 08:12:10 +0000

Local clock offset: 0.811 ms

Remote clock offset: -2.388 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:39:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 417.86 Mbit/s

95th percentile per-packet one-way delay: 23.018 ms

Loss rate: 0.71%

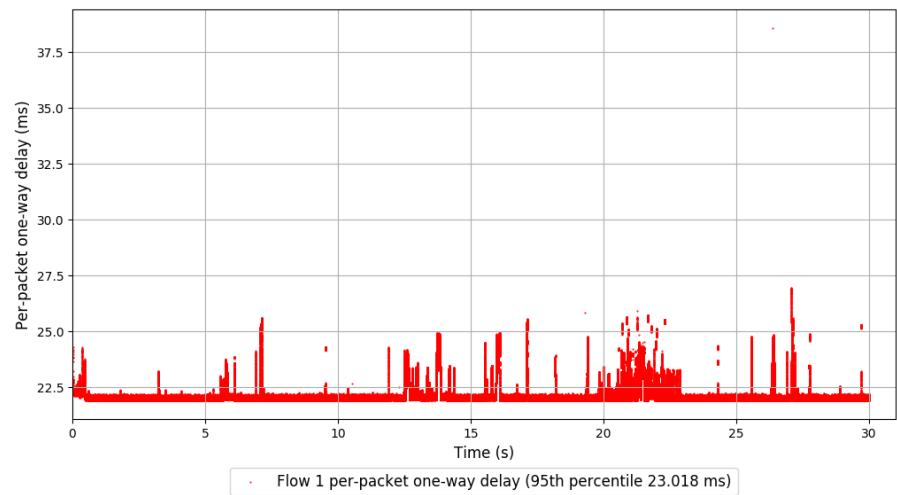
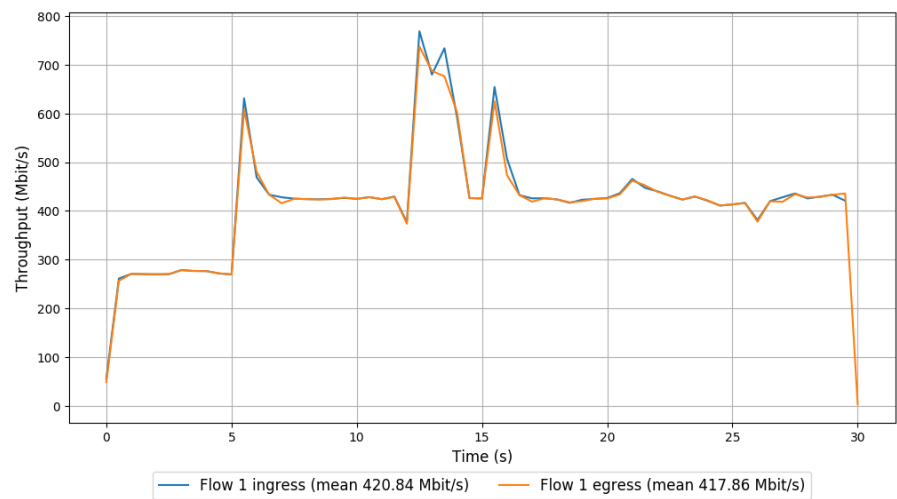
-- Flow 1:

Average throughput: 417.86 Mbit/s

95th percentile per-packet one-way delay: 23.018 ms

Loss rate: 0.71%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 08:31:08 +0000

End at: Wed, 05 Jul 2017 08:31:38 +0000

Local clock offset: 0.82 ms

Remote clock offset: -2.572 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:39:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 331.03 Mbit/s

95th percentile per-packet one-way delay: 23.938 ms

Loss rate: 1.90%

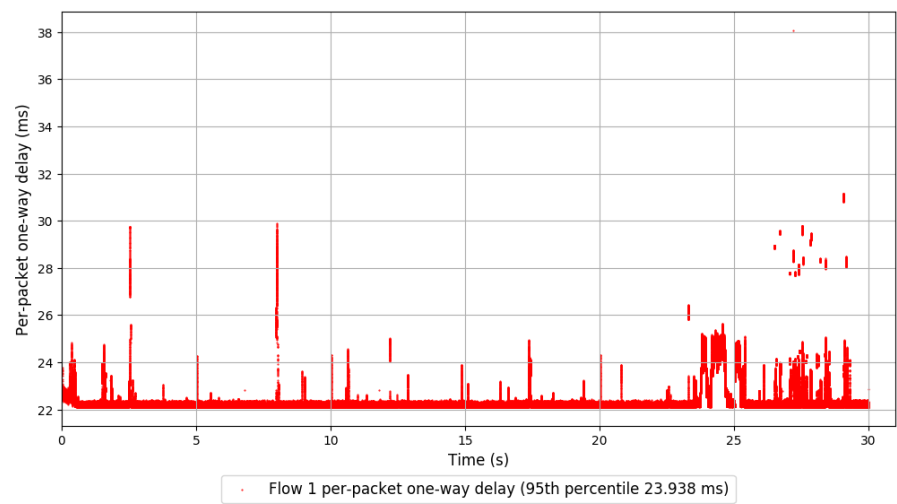
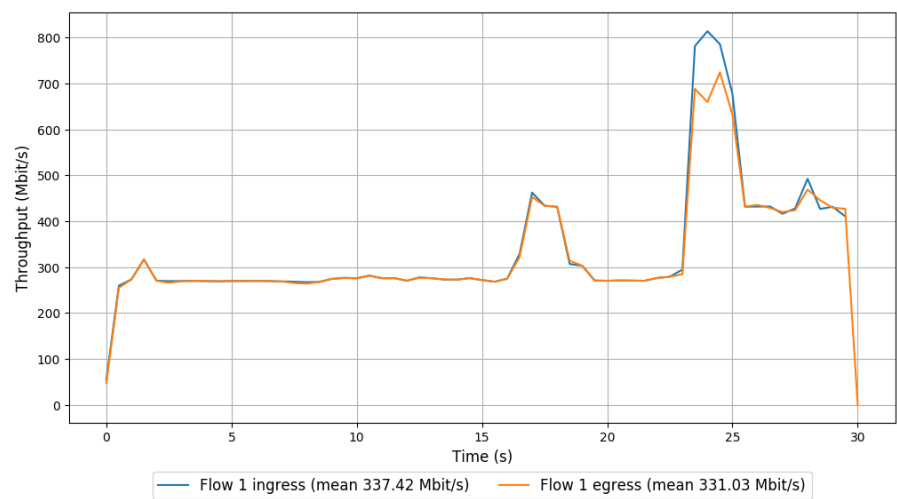
-- Flow 1:

Average throughput: 331.03 Mbit/s

95th percentile per-packet one-way delay: 23.938 ms

Loss rate: 1.90%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 08:51:02 +0000

End at: Wed, 05 Jul 2017 08:51:32 +0000

Local clock offset: 0.956 ms

Remote clock offset: -2.408 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:40:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 326.88 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.47%

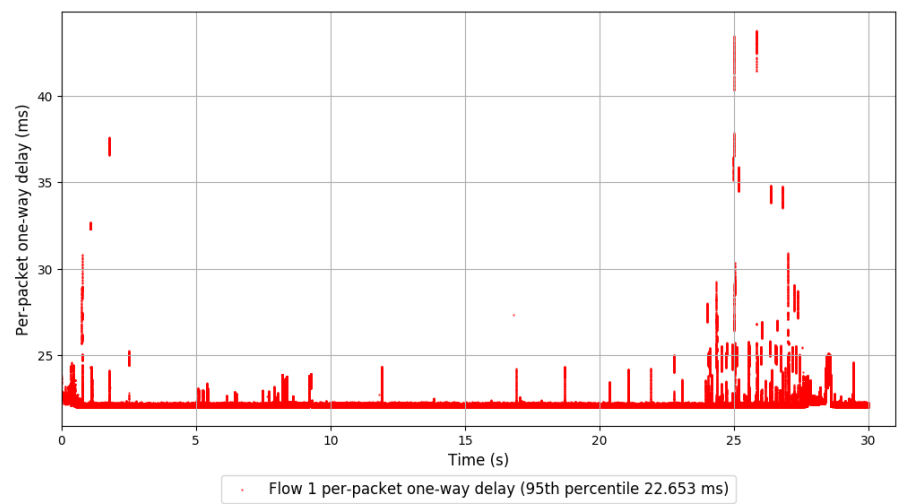
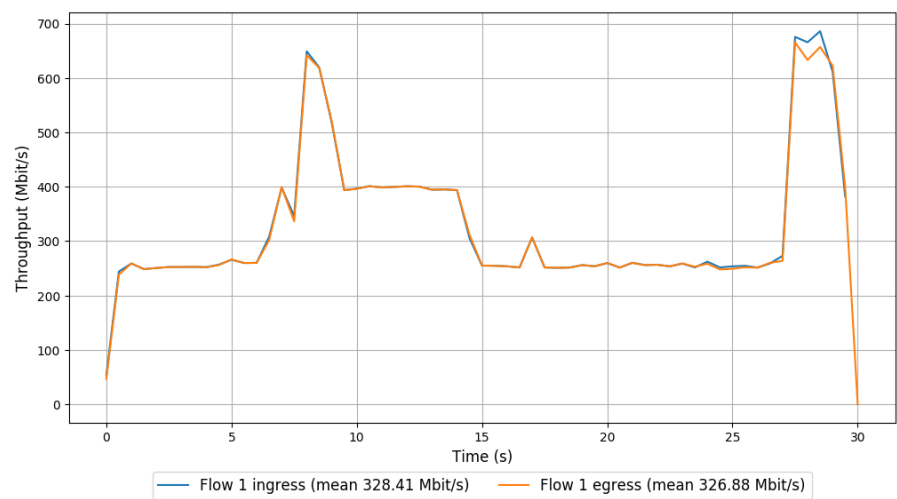
-- Flow 1:

Average throughput: 326.88 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.47%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 09:10:42 +0000

End at: Wed, 05 Jul 2017 09:11:12 +0000

Local clock offset: 0.865 ms

Remote clock offset: -2.634 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:40:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 409.71 Mbit/s

95th percentile per-packet one-way delay: 22.553 ms

Loss rate: 0.15%

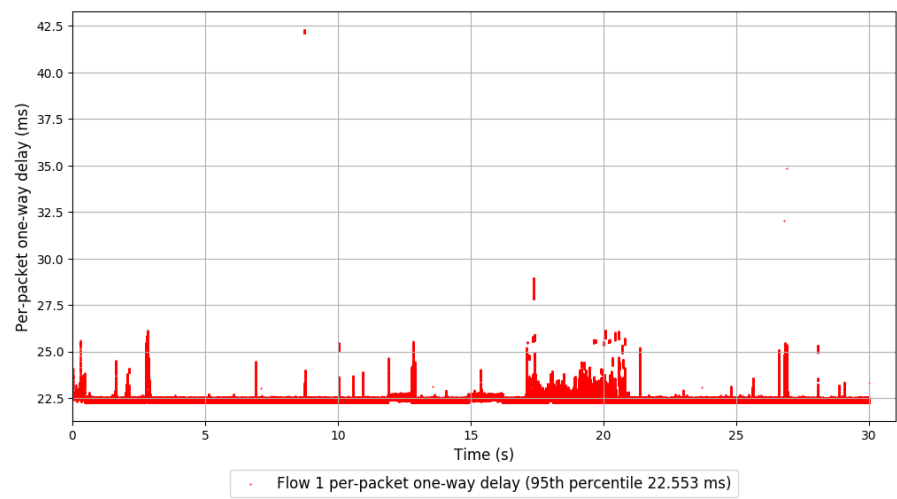
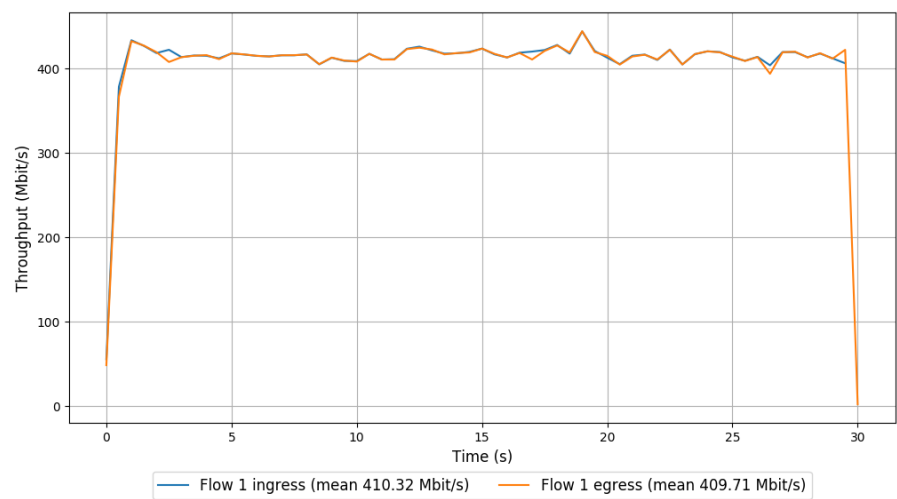
-- Flow 1:

Average throughput: 409.71 Mbit/s

95th percentile per-packet one-way delay: 22.553 ms

Loss rate: 0.15%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 09:30:26 +0000

End at: Wed, 05 Jul 2017 09:30:56 +0000

Local clock offset: 0.848 ms

Remote clock offset: -2.851 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:41:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 390.58 Mbit/s

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

Loss rate: 0.17%

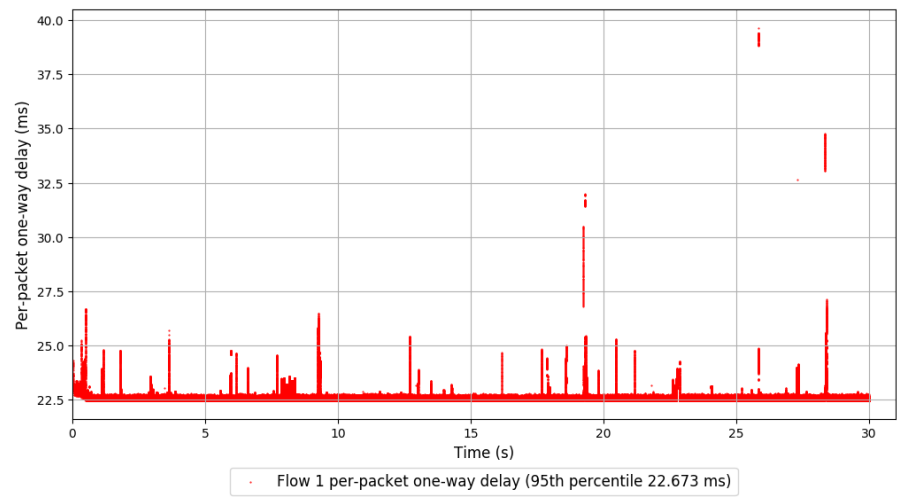
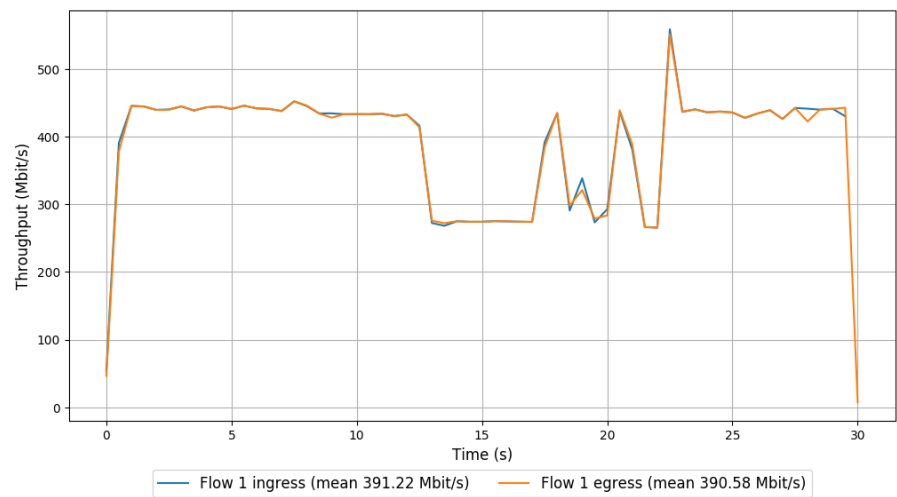
-- Flow 1:

Average throughput: 390.58 Mbit/s

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

Loss rate: 0.17%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 09:49:52 +0000

End at: Wed, 05 Jul 2017 09:50:22 +0000

Local clock offset: 0.677 ms

Remote clock offset: -3.059 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:41:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 425.12 Mbit/s

95th percentile per-packet one-way delay: 23.965 ms

Loss rate: 0.45%

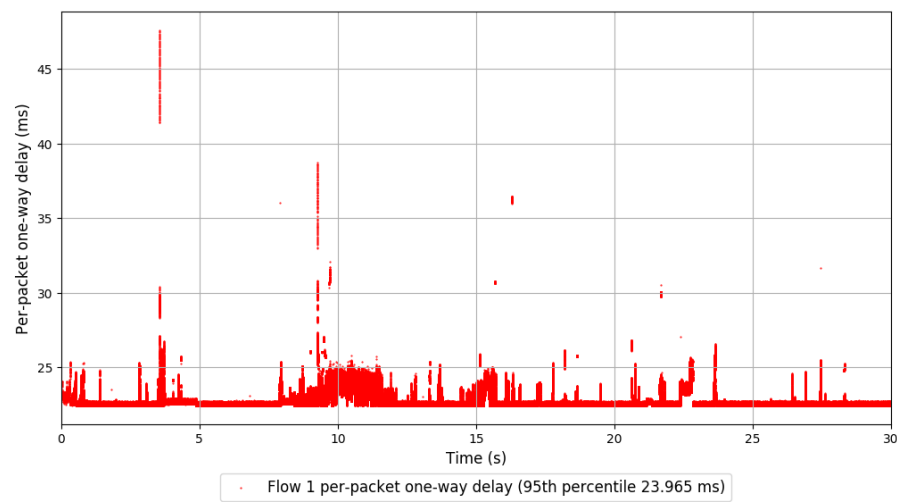
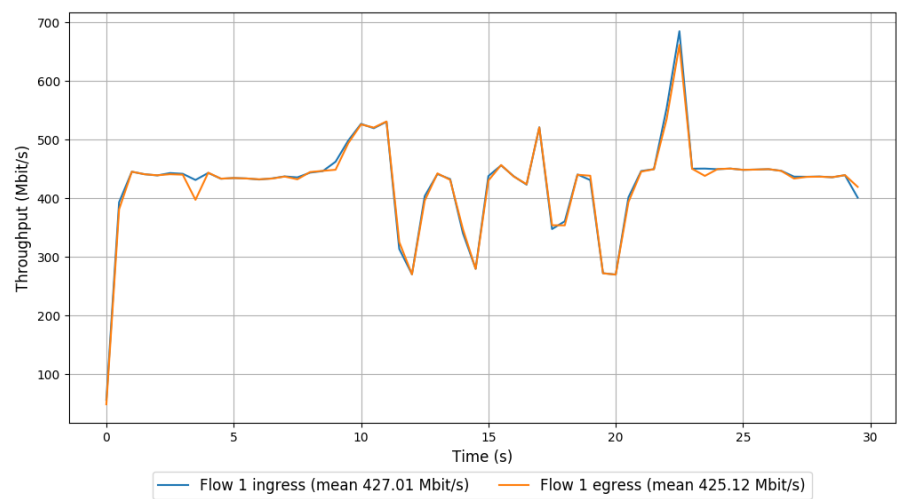
-- Flow 1:

Average throughput: 425.12 Mbit/s

95th percentile per-packet one-way delay: 23.965 ms

Loss rate: 0.45%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 10:09:15 +0000

End at: Wed, 05 Jul 2017 10:09:45 +0000

Local clock offset: 0.732 ms

Remote clock offset: -3.017 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:42:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 376.09 Mbit/s

95th percentile per-packet one-way delay: 24.171 ms

Loss rate: 1.38%

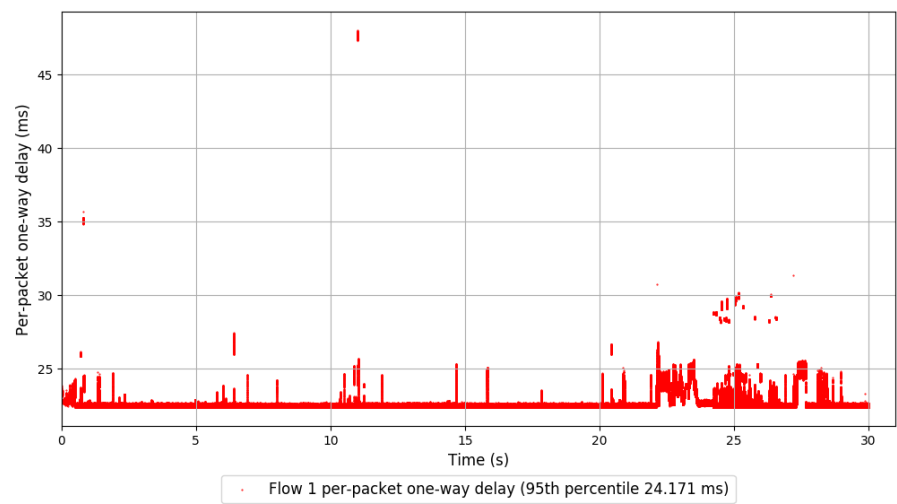
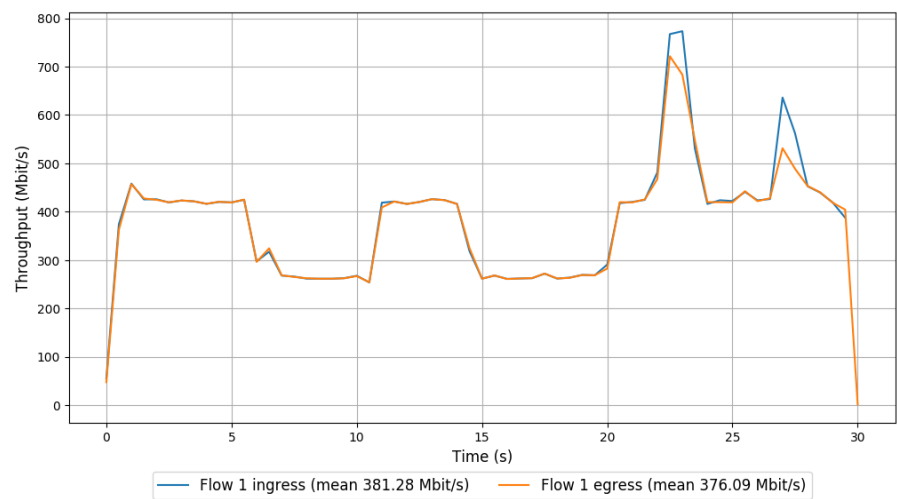
-- Flow 1:

Average throughput: 376.09 Mbit/s

95th percentile per-packet one-way delay: 24.171 ms

Loss rate: 1.38%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Wed, 05 Jul 2017 10:28:57 +0000

End at: Wed, 05 Jul 2017 10:29:27 +0000

Local clock offset: 0.42 ms

Remote clock offset: -2.938 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:42:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 413.54 Mbit/s

95th percentile per-packet one-way delay: 23.322 ms

Loss rate: 0.52%

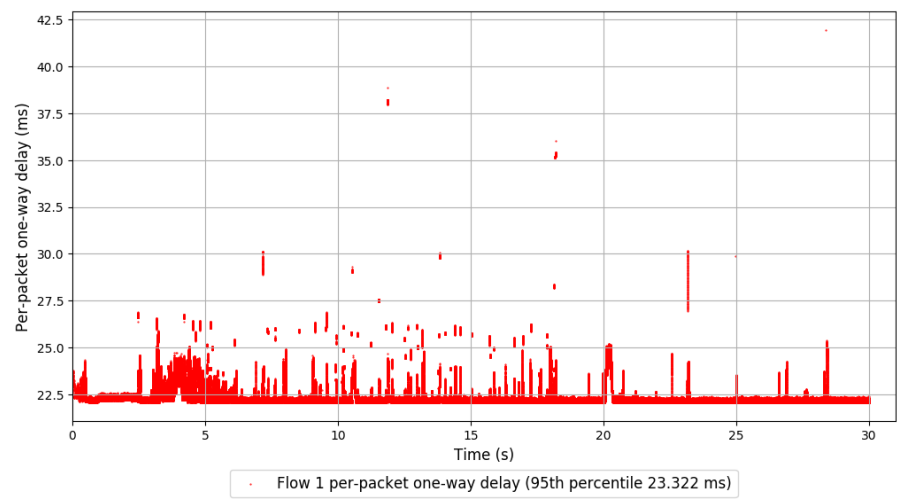
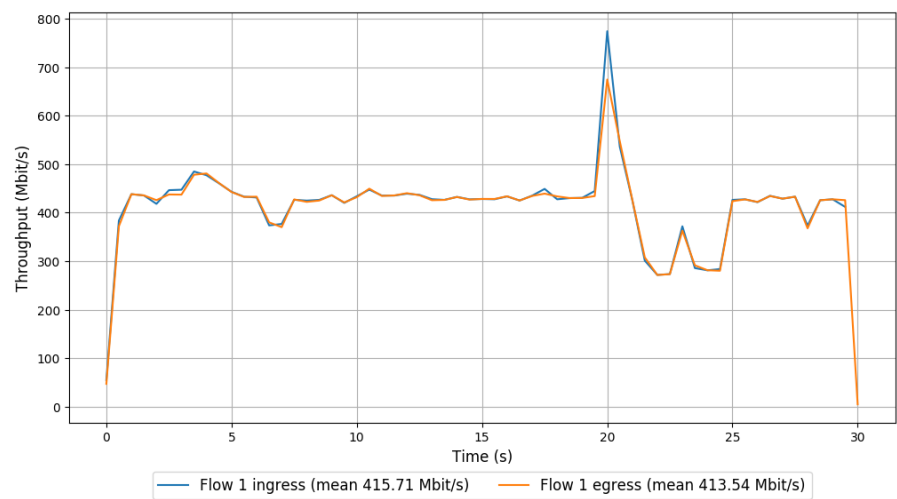
-- Flow 1:

Average throughput: 413.54 Mbit/s

95th percentile per-packet one-way delay: 23.322 ms

Loss rate: 0.52%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Wed, 05 Jul 2017 07:26:47 +0000

End at: Wed, 05 Jul 2017 07:27:17 +0000

Local clock offset: 0.756 ms

Remote clock offset: -2.862 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:42:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.29 Mbit/s

95th percentile per-packet one-way delay: 22.479 ms

Loss rate: 0.00%

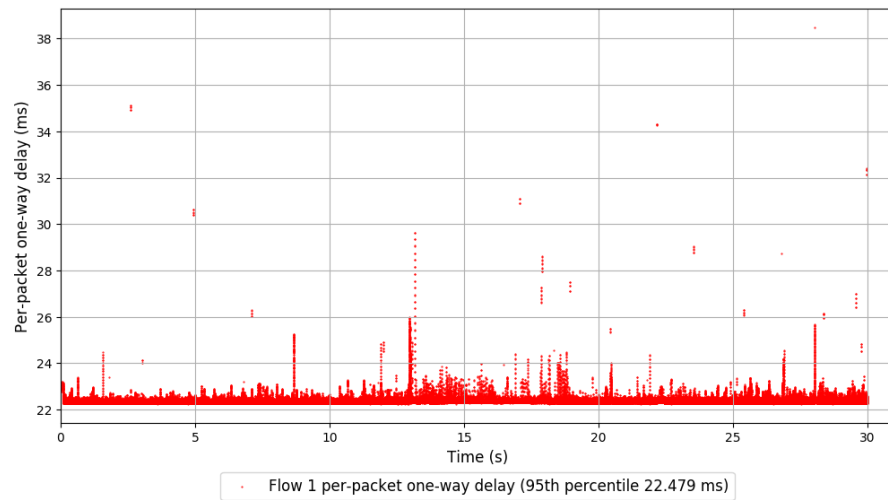
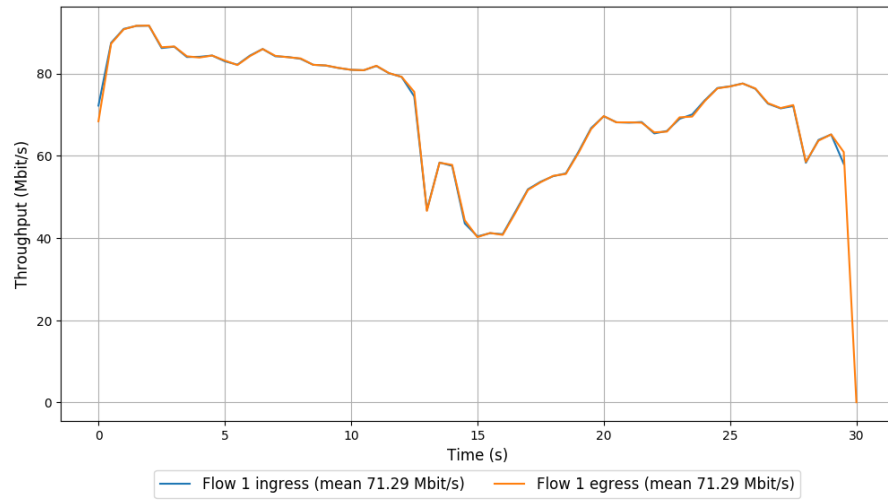
-- Flow 1:

Average throughput: 71.29 Mbit/s

95th percentile per-packet one-way delay: 22.479 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Wed, 05 Jul 2017 07:46:17 +0000

End at: Wed, 05 Jul 2017 07:46:47 +0000

Local clock offset: 0.78 ms

Remote clock offset: -2.523 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:42:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.06 Mbit/s

95th percentile per-packet one-way delay: 22.140 ms

Loss rate: 0.00%

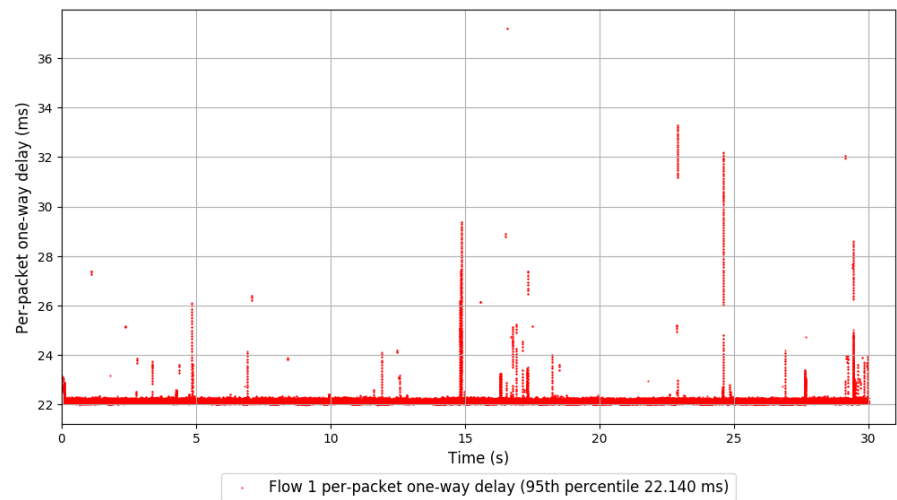
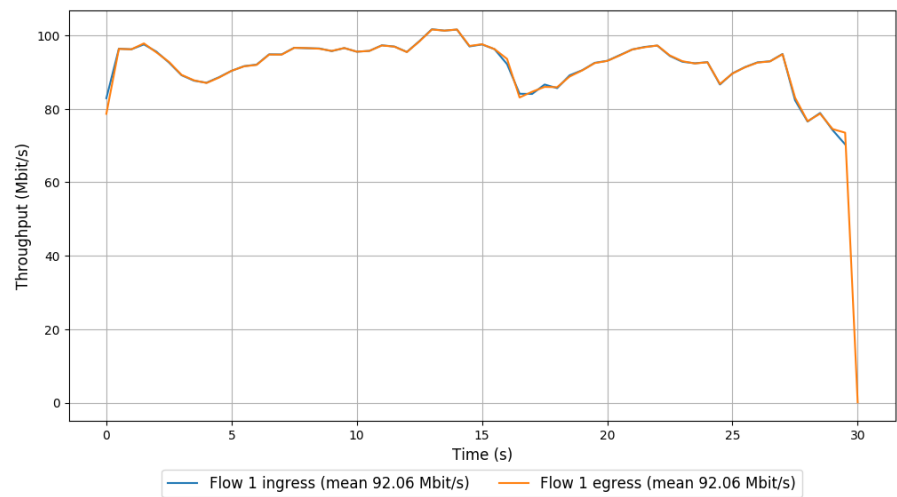
-- Flow 1:

Average throughput: 92.06 Mbit/s

95th percentile per-packet one-way delay: 22.140 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Wed, 05 Jul 2017 08:06:24 +0000

End at: Wed, 05 Jul 2017 08:06:54 +0000

Local clock offset: 0.833 ms

Remote clock offset: -2.325 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 22.009 ms

Loss rate: 0.00%

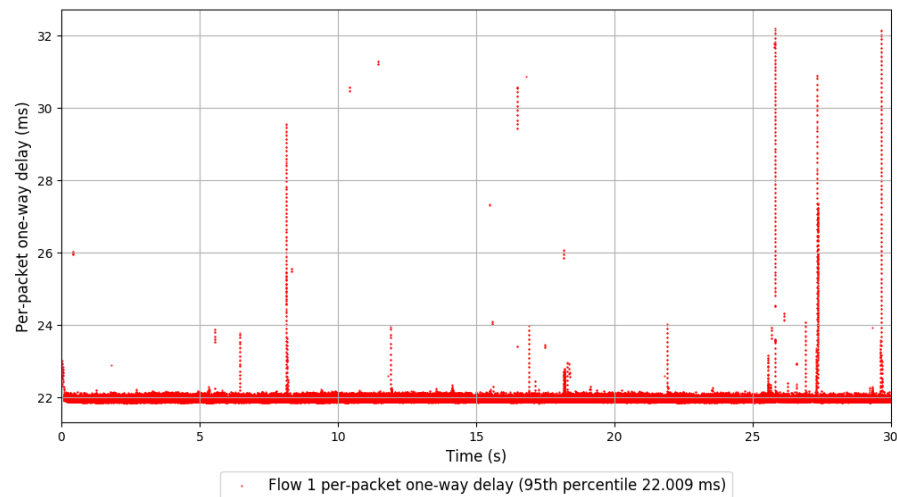
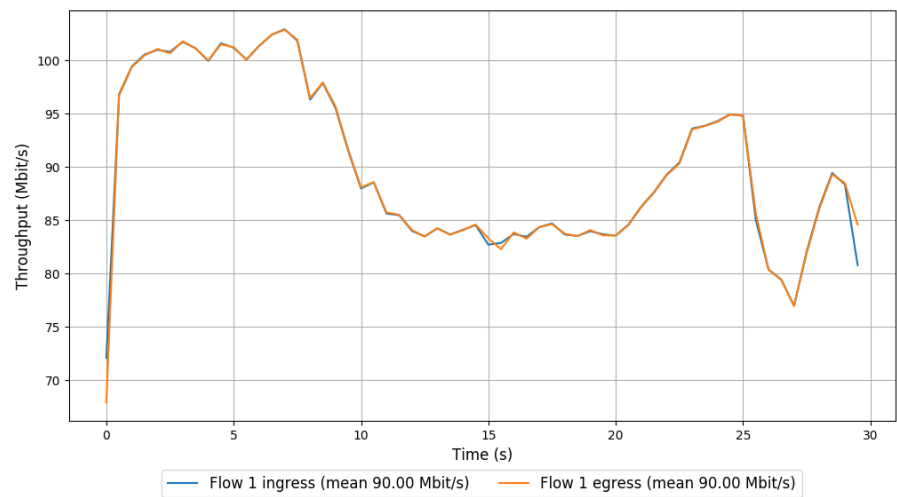
-- Flow 1:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 22.009 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Wed, 05 Jul 2017 08:26:07 +0000

End at: Wed, 05 Jul 2017 08:26:37 +0000

Local clock offset: 0.835 ms

Remote clock offset: -2.492 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 22.150 ms

Loss rate: 0.00%

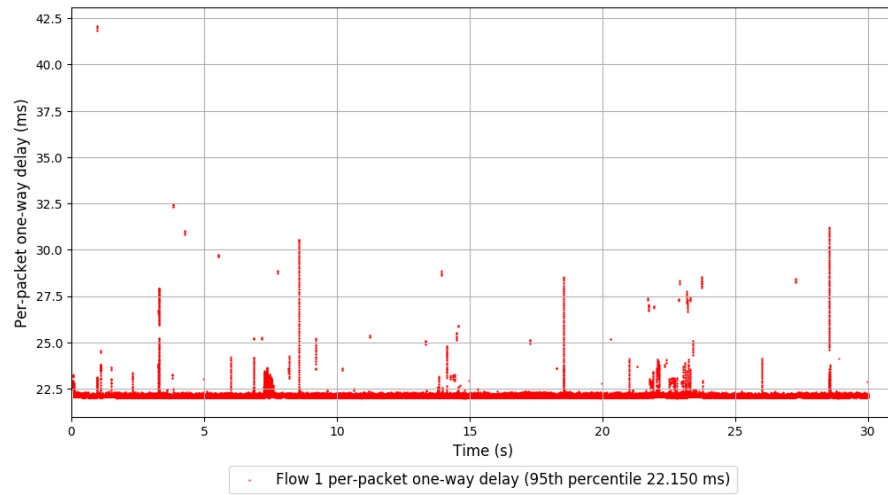
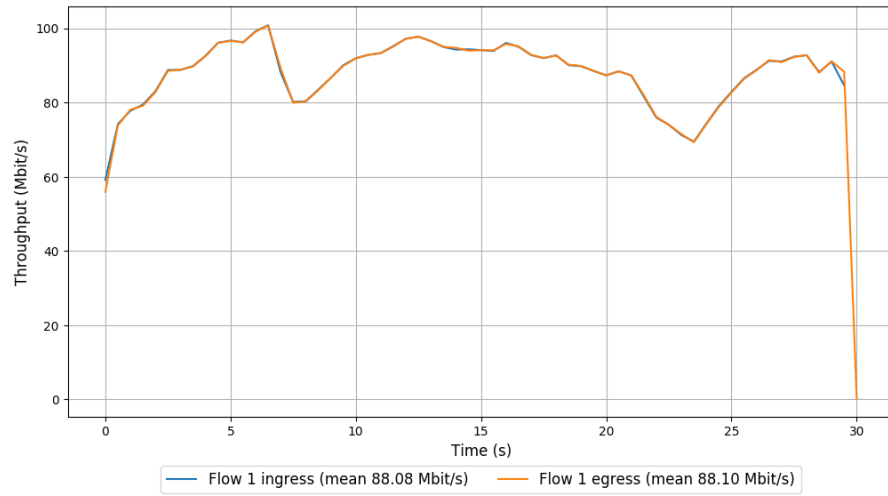
-- Flow 1:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 22.150 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Wed, 05 Jul 2017 08:45:37 +0000

End at: Wed, 05 Jul 2017 08:46:07 +0000

Local clock offset: 0.833 ms

Remote clock offset: -2.451 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.54 Mbit/s

95th percentile per-packet one-way delay: 22.141 ms

Loss rate: 0.00%

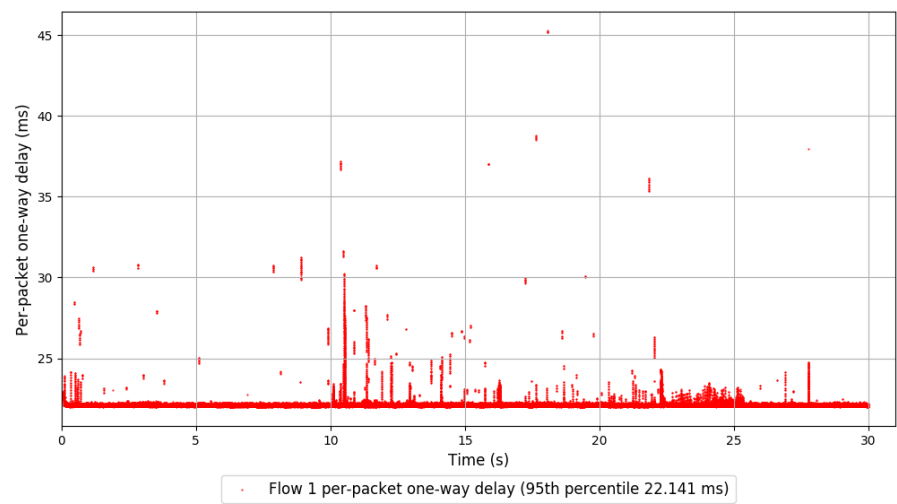
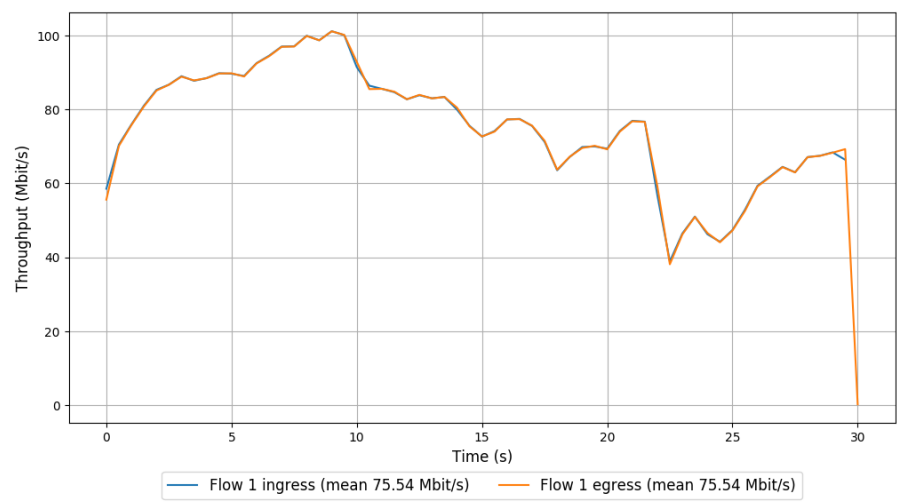
-- Flow 1:

Average throughput: 75.54 Mbit/s

95th percentile per-packet one-way delay: 22.141 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Wed, 05 Jul 2017 09:05:15 +0000

End at: Wed, 05 Jul 2017 09:05:45 +0000

Local clock offset: 0.972 ms

Remote clock offset: -2.709 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 22.378 ms

Loss rate: 0.00%

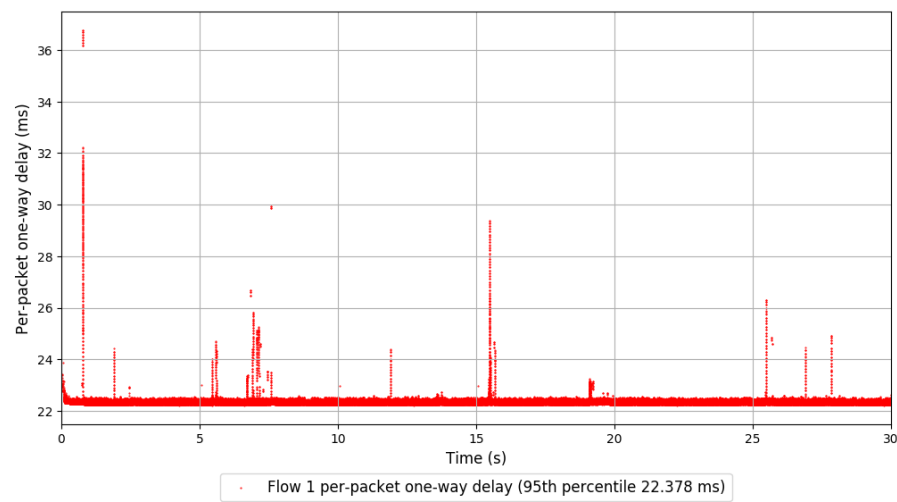
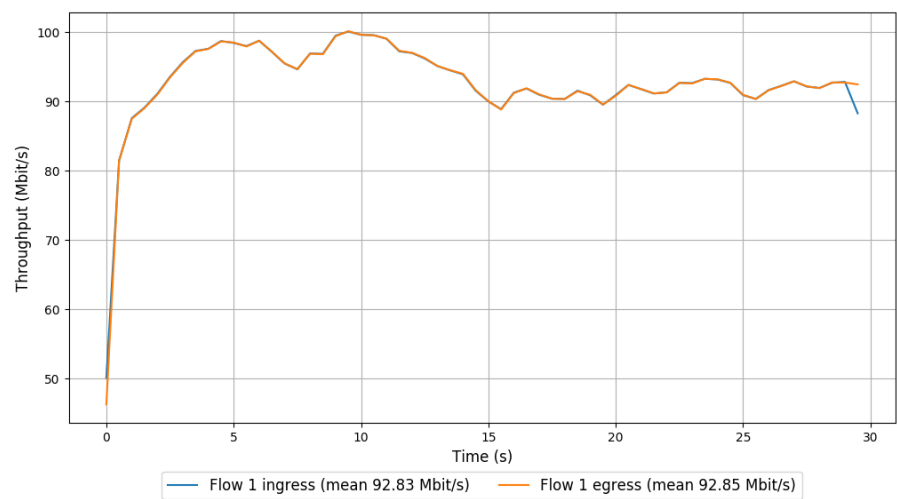
-- Flow 1:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 22.378 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Wed, 05 Jul 2017 09:25:07 +0000

End at: Wed, 05 Jul 2017 09:25:37 +0000

Local clock offset: 0.937 ms

Remote clock offset: -2.757 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 22.515 ms

Loss rate: 0.06%

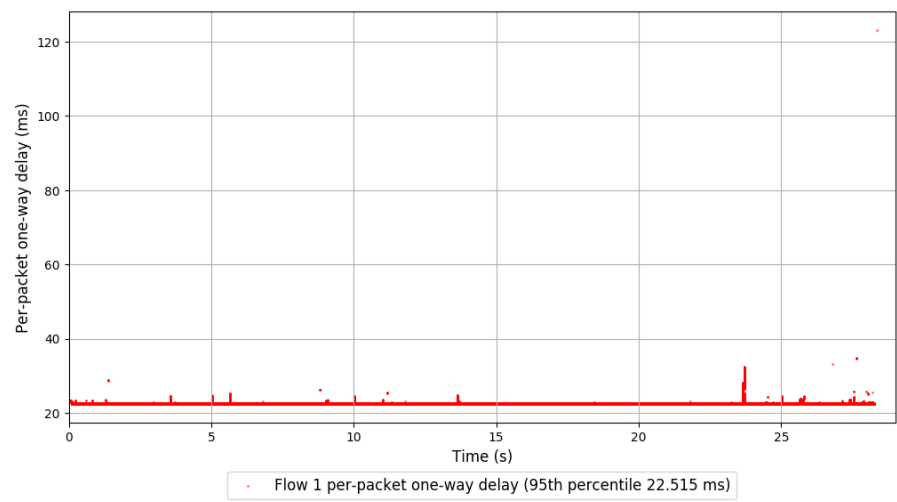
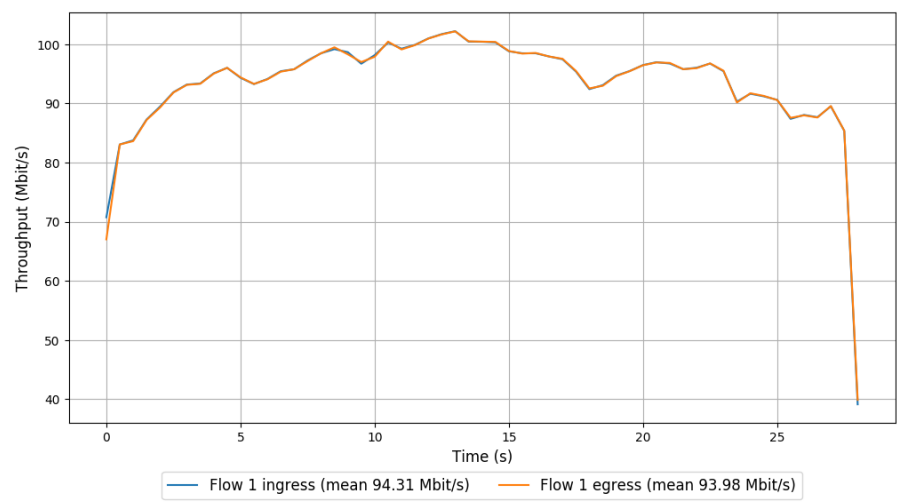
-- Flow 1:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 22.515 ms

Loss rate: 0.06%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Wed, 05 Jul 2017 09:44:54 +0000

End at: Wed, 05 Jul 2017 09:45:24 +0000

Local clock offset: 0.784 ms

Remote clock offset: -2.974 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:43:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.97 Mbit/s

95th percentile per-packet one-way delay: 22.604 ms

Loss rate: 0.00%

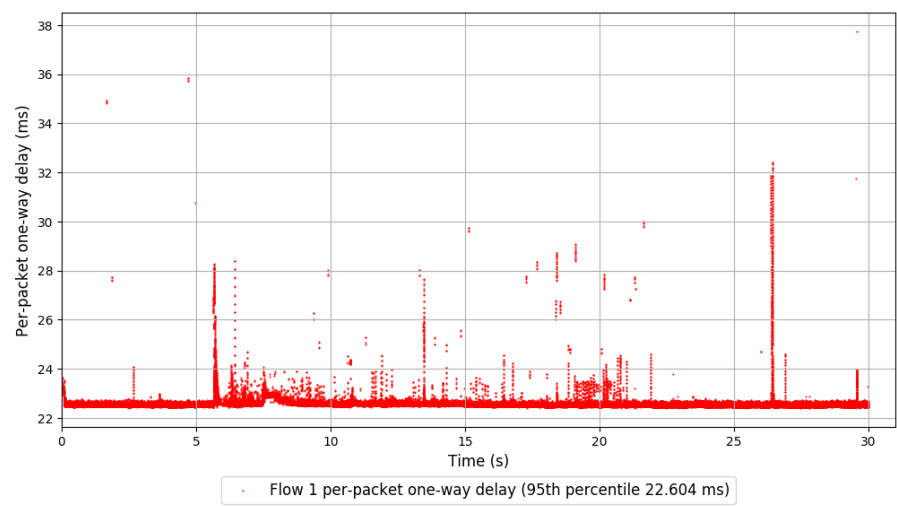
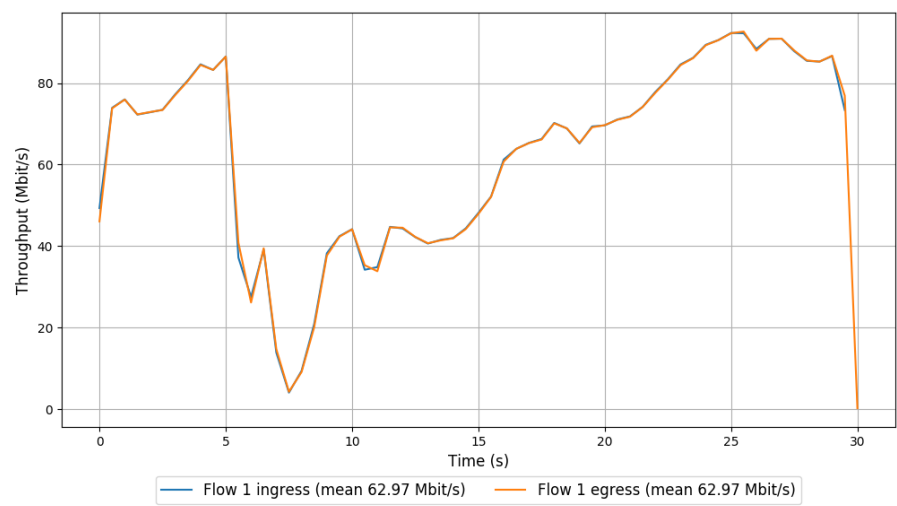
-- Flow 1:

Average throughput: 62.97 Mbit/s

95th percentile per-packet one-way delay: 22.604 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:04:14 +0000

End at: Wed, 05 Jul 2017 10:04:44 +0000

Local clock offset: 0.713 ms

Remote clock offset: -2.975 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:44:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 22.520 ms

Loss rate: 0.00%

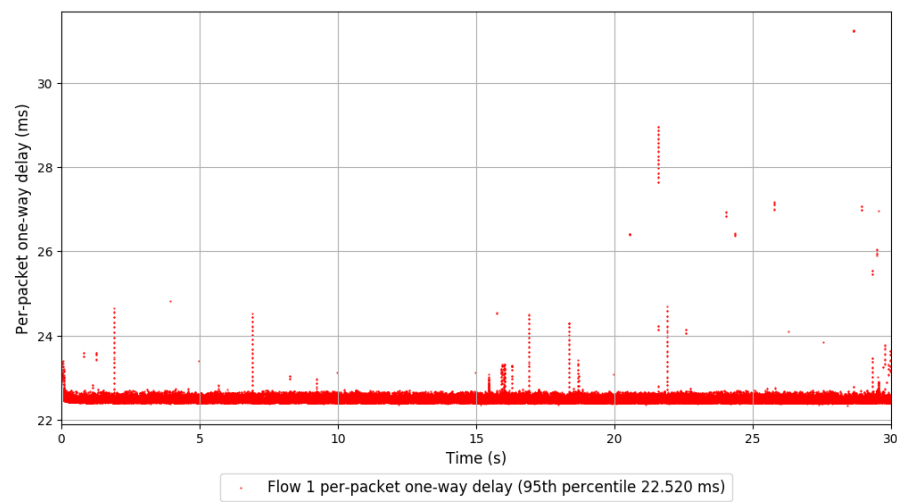
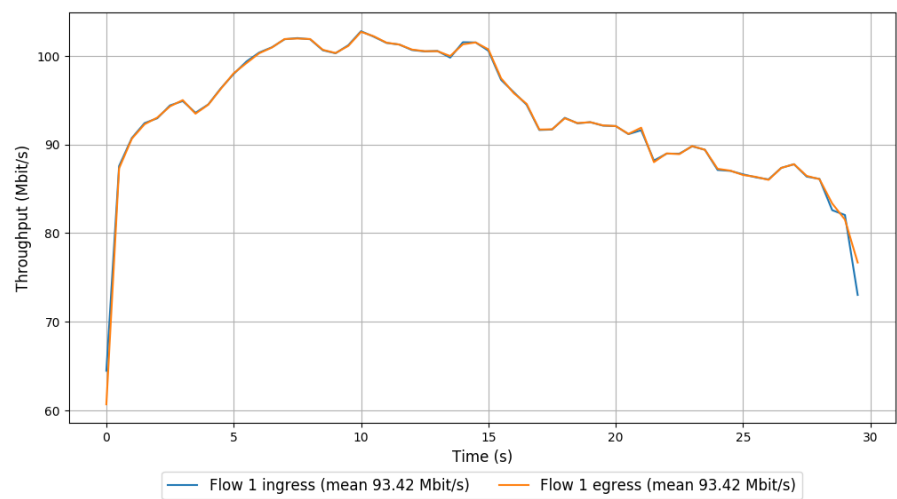
-- Flow 1:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 22.520 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:23:34 +0000

End at: Wed, 05 Jul 2017 10:24:04 +0000

Local clock offset: 0.58 ms

Remote clock offset: -2.973 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:44:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 22.363 ms

Loss rate: 0.00%

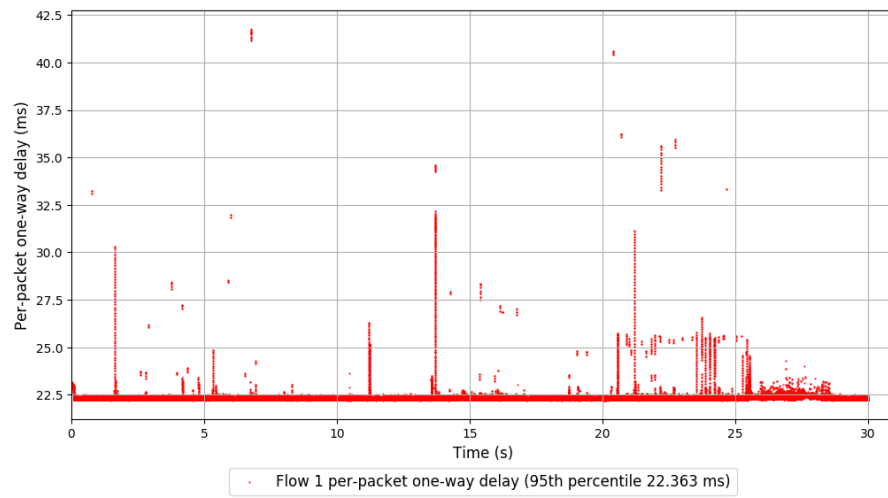
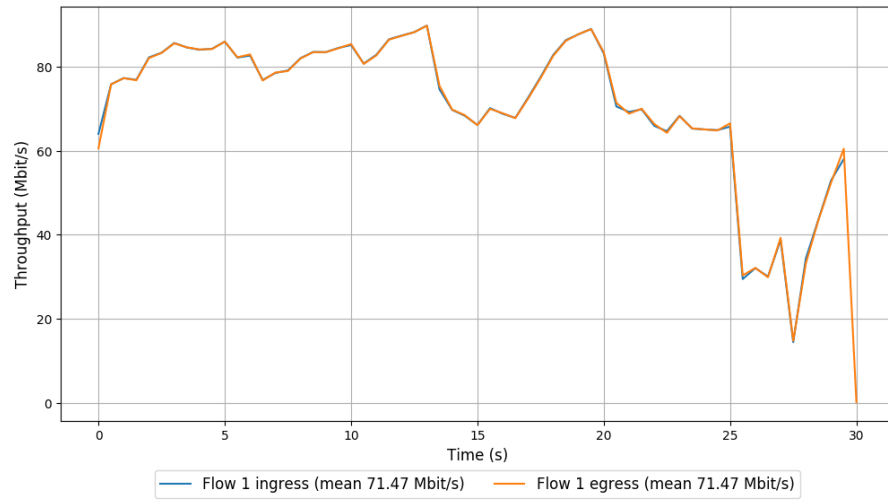
-- Flow 1:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 22.363 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 07:30:29 +0000

End at: Wed, 05 Jul 2017 07:31:00 +0000

Local clock offset: 0.692 ms

Remote clock offset: -2.843 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:44:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 143.16 Mbit/s

95th percentile per-packet one-way delay: 22.809 ms

Loss rate: 0.15%

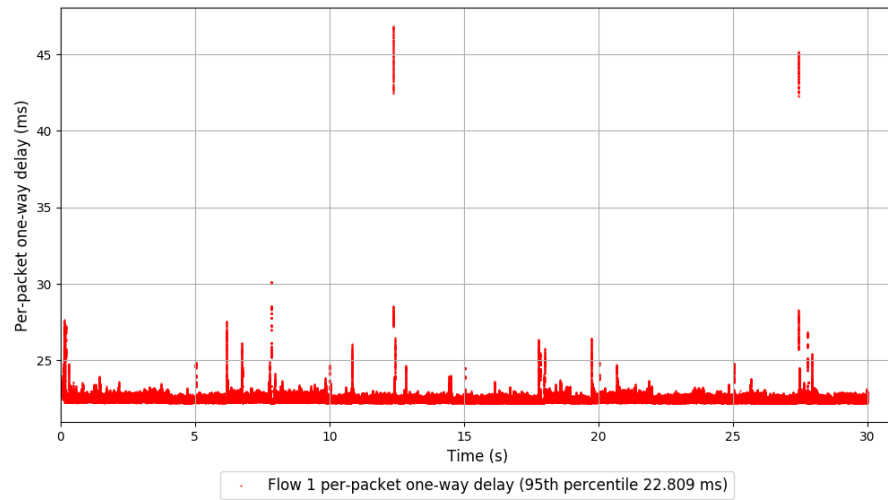
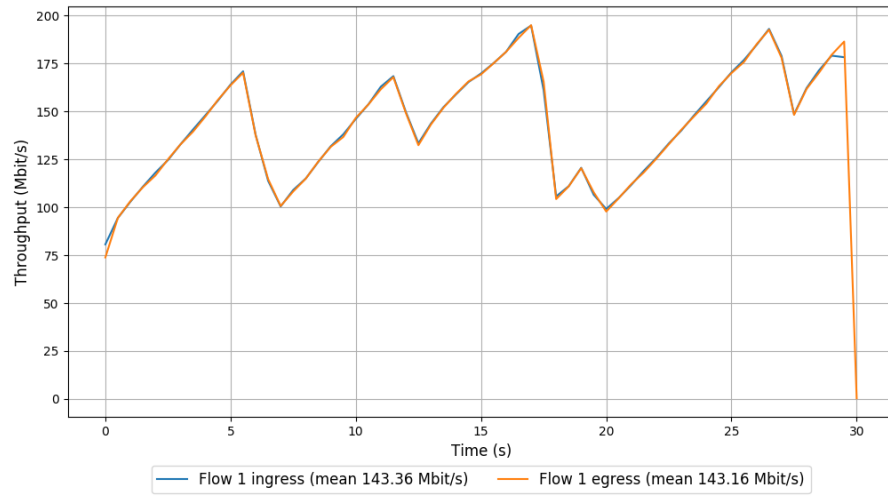
-- Flow 1:

Average throughput: 143.16 Mbit/s

95th percentile per-packet one-way delay: 22.809 ms

Loss rate: 0.15%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 07:50:27 +0000

End at: Wed, 05 Jul 2017 07:50:57 +0000

Local clock offset: 0.765 ms

Remote clock offset: -2.407 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:44:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.56 Mbit/s

95th percentile per-packet one-way delay: 22.377 ms

Loss rate: 0.12%

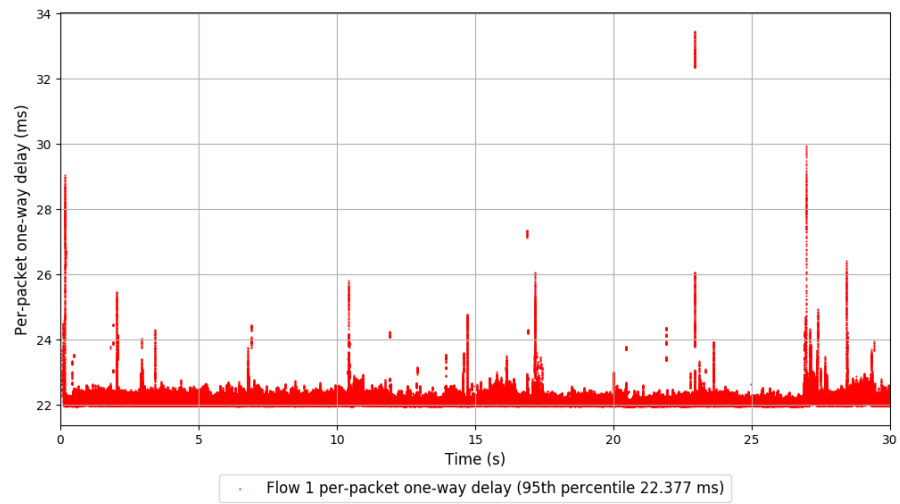
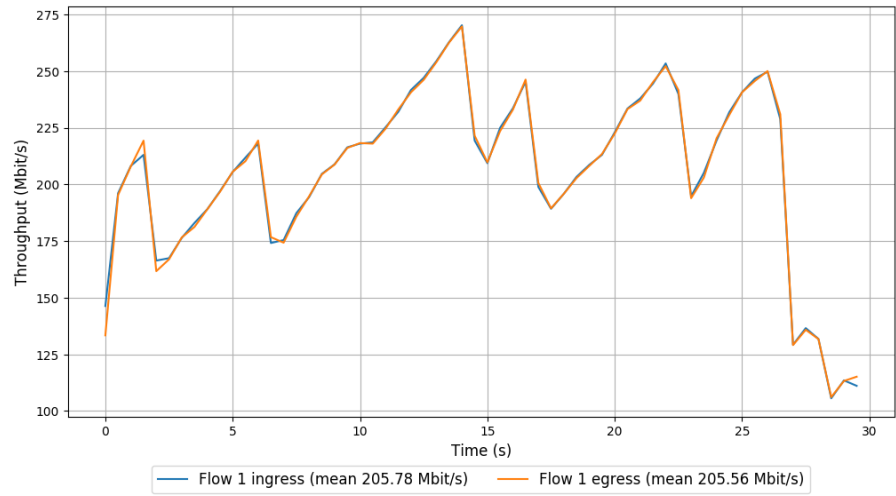
-- Flow 1:

Average throughput: 205.56 Mbit/s

95th percentile per-packet one-way delay: 22.377 ms

Loss rate: 0.12%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 08:10:25 +0000

End at: Wed, 05 Jul 2017 08:10:55 +0000

Local clock offset: 0.829 ms

Remote clock offset: -2.371 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:44:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 127.85 Mbit/s

95th percentile per-packet one-way delay: 22.518 ms

Loss rate: 0.14%

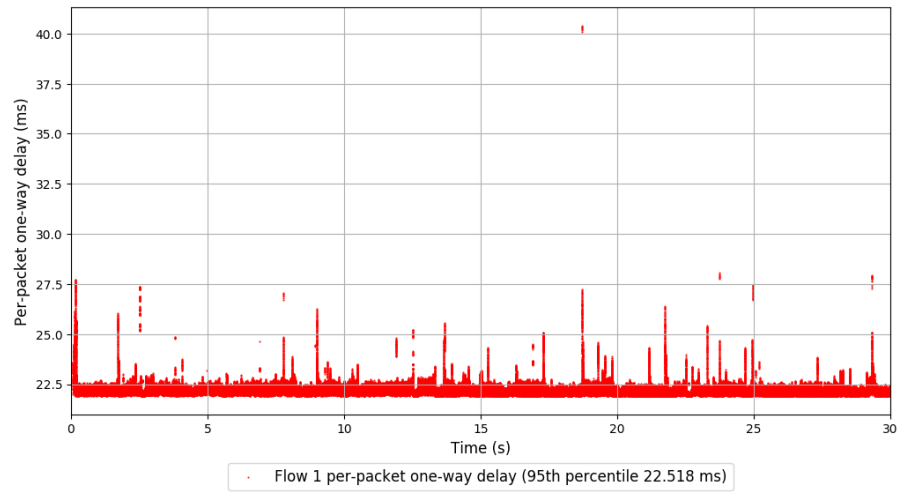
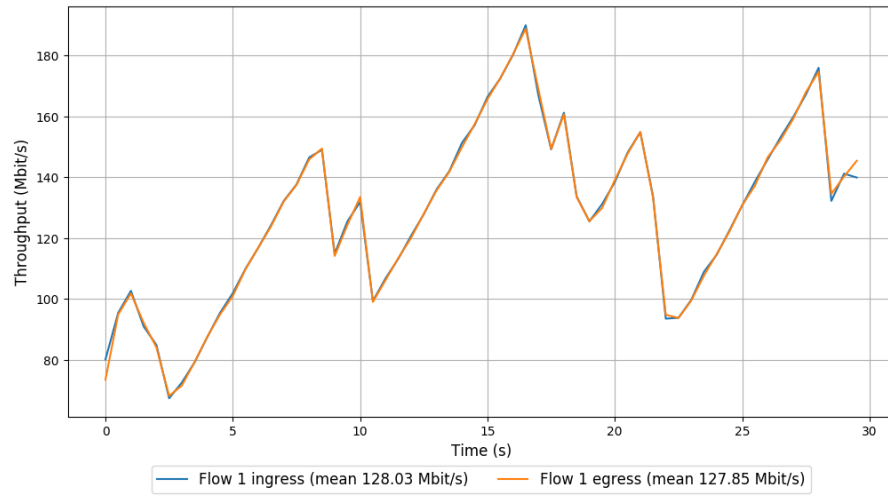
-- Flow 1:

Average throughput: 127.85 Mbit/s

95th percentile per-packet one-way delay: 22.518 ms

Loss rate: 0.14%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 08:29:51 +0000

End at: Wed, 05 Jul 2017 08:30:21 +0000

Local clock offset: 0.931 ms

Remote clock offset: -2.477 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:45:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 155.81 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.14%

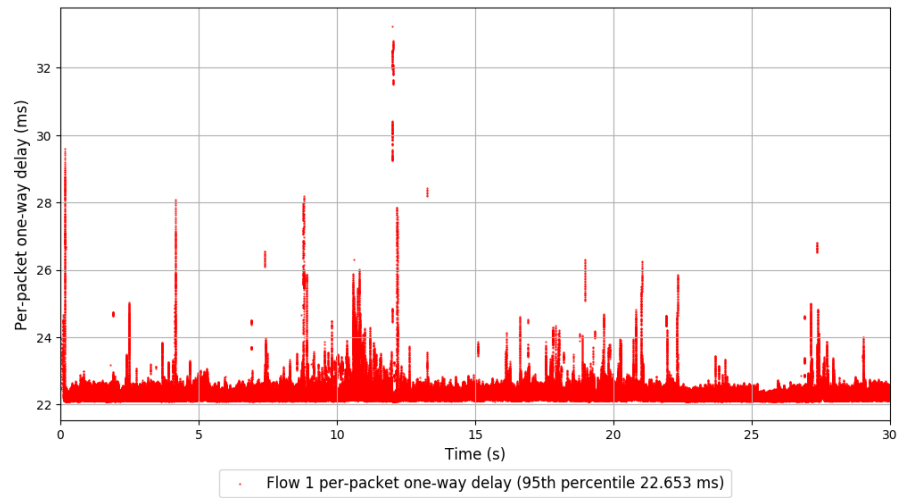
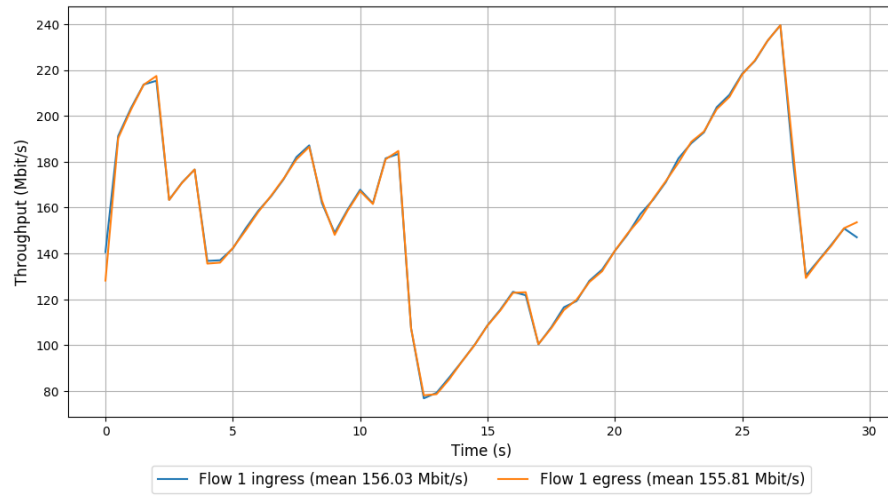
-- Flow 1:

Average throughput: 155.81 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.14%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 08:49:45 +0000

End at: Wed, 05 Jul 2017 08:50:15 +0000

Local clock offset: 0.834 ms

Remote clock offset: -2.329 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:45:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 149.11 Mbit/s

95th percentile per-packet one-way delay: 22.605 ms

Loss rate: 0.06%

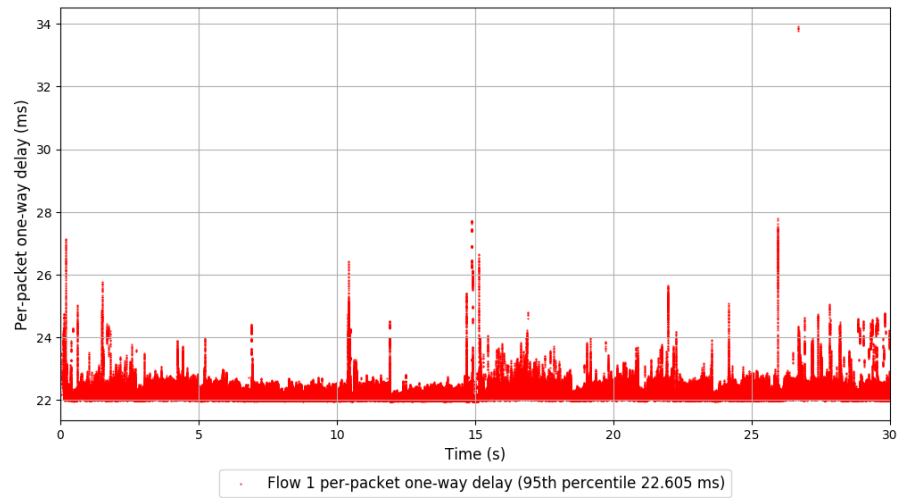
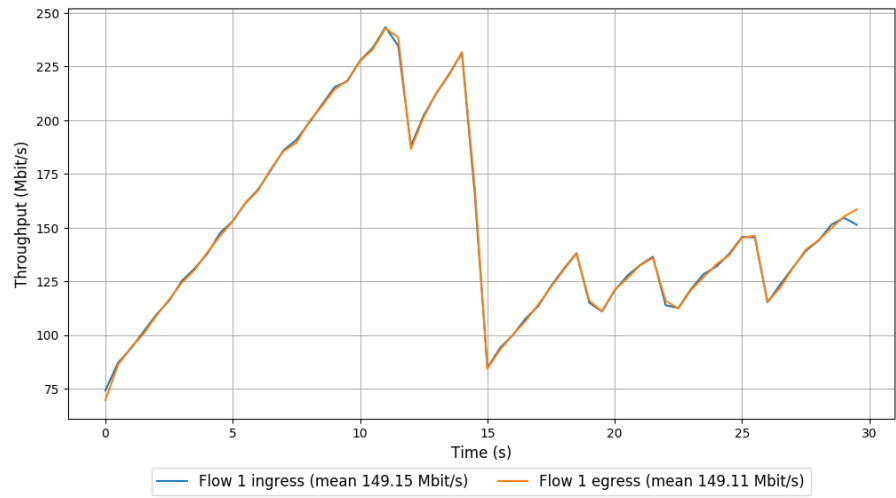
-- Flow 1:

Average throughput: 149.11 Mbit/s

95th percentile per-packet one-way delay: 22.605 ms

Loss rate: 0.06%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:09:23 +0000

End at: Wed, 05 Jul 2017 09:09:53 +0000

Local clock offset: 0.867 ms

Remote clock offset: -2.695 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:45:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 211.65 Mbit/s

95th percentile per-packet one-way delay: 22.710 ms

Loss rate: 0.15%

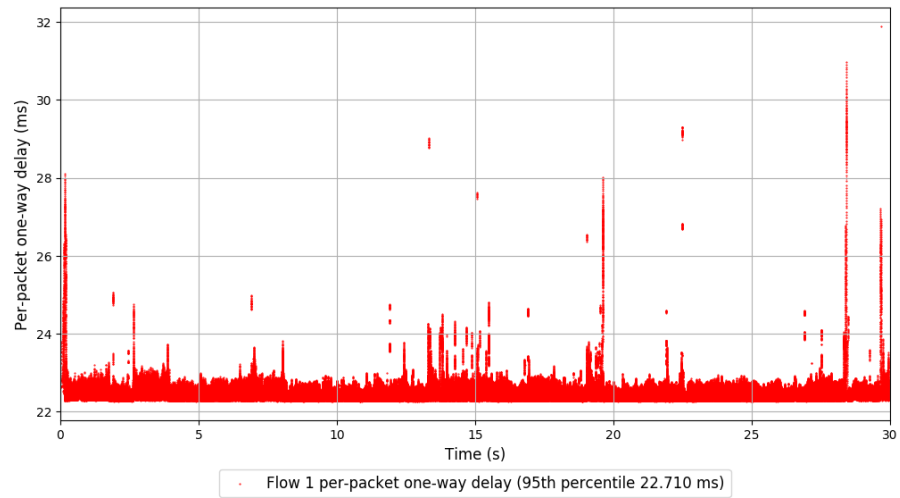
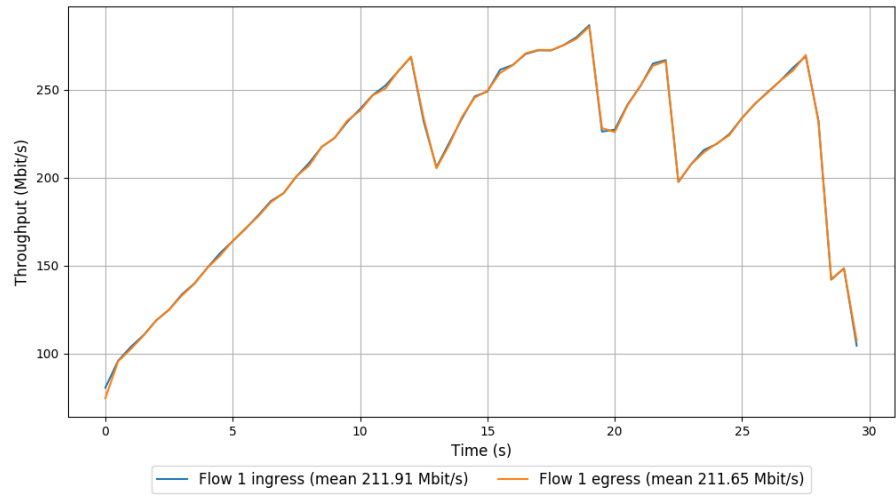
-- Flow 1:

Average throughput: 211.65 Mbit/s

95th percentile per-packet one-way delay: 22.710 ms

Loss rate: 0.15%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:29:10 +0000

End at: Wed, 05 Jul 2017 09:29:40 +0000

Local clock offset: 0.916 ms

Remote clock offset: -2.893 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:45:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.28 Mbit/s

95th percentile per-packet one-way delay: 23.020 ms

Loss rate: 0.08%

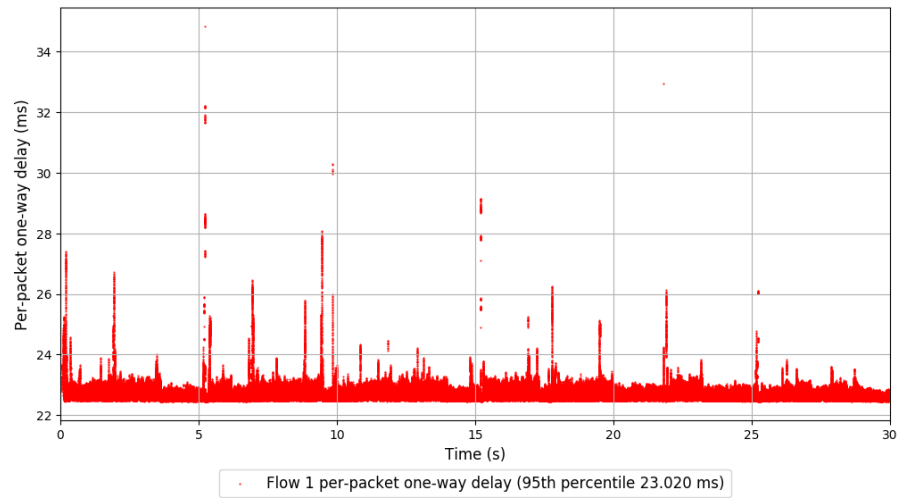
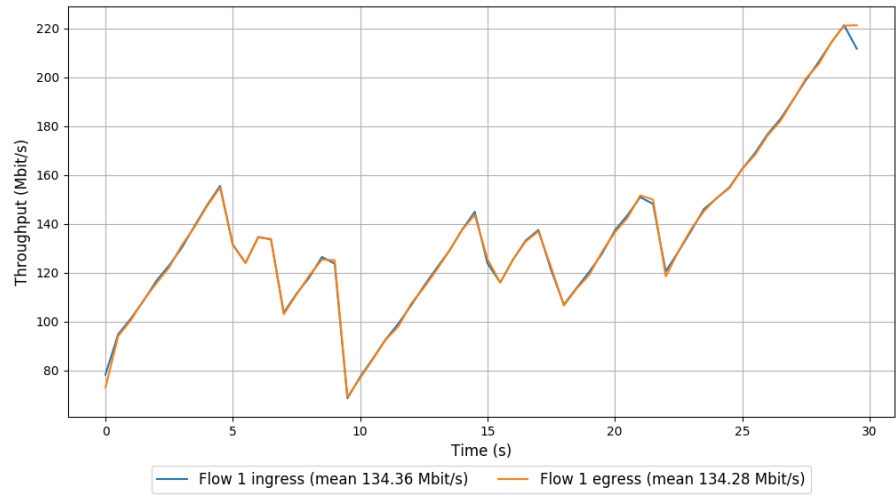
-- Flow 1:

Average throughput: 134.28 Mbit/s

95th percentile per-packet one-way delay: 23.020 ms

Loss rate: 0.08%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 09:48:35 +0000

End at: Wed, 05 Jul 2017 09:49:05 +0000

Local clock offset: 0.667 ms

Remote clock offset: -2.985 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 142.03 Mbit/s

95th percentile per-packet one-way delay: 23.044 ms

Loss rate: 0.21%

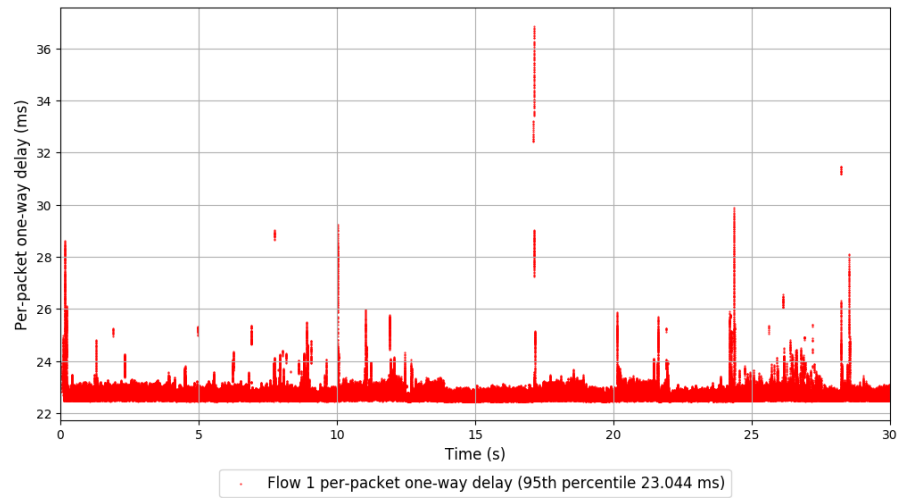
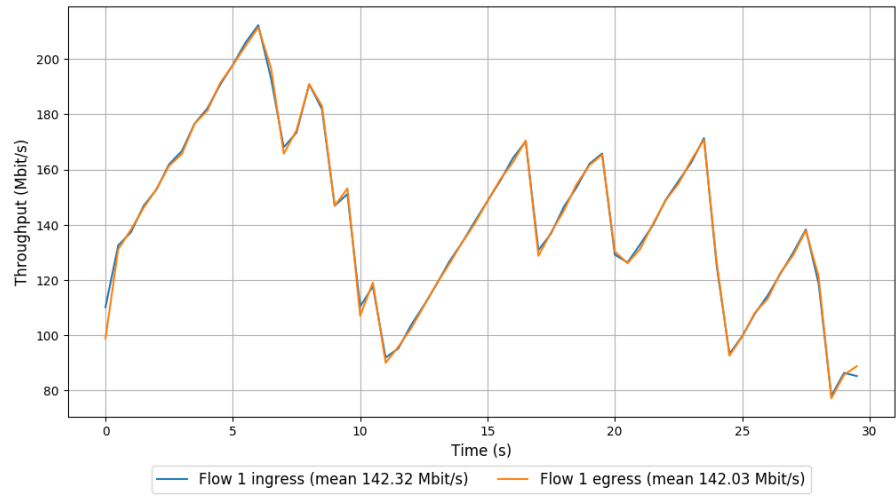
-- Flow 1:

Average throughput: 142.03 Mbit/s

95th percentile per-packet one-way delay: 23.044 ms

Loss rate: 0.21%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 10:07:58 +0000

End at: Wed, 05 Jul 2017 10:08:28 +0000

Local clock offset: 0.747 ms

Remote clock offset: -2.982 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 144.89 Mbit/s

95th percentile per-packet one-way delay: 22.945 ms

Loss rate: 0.10%

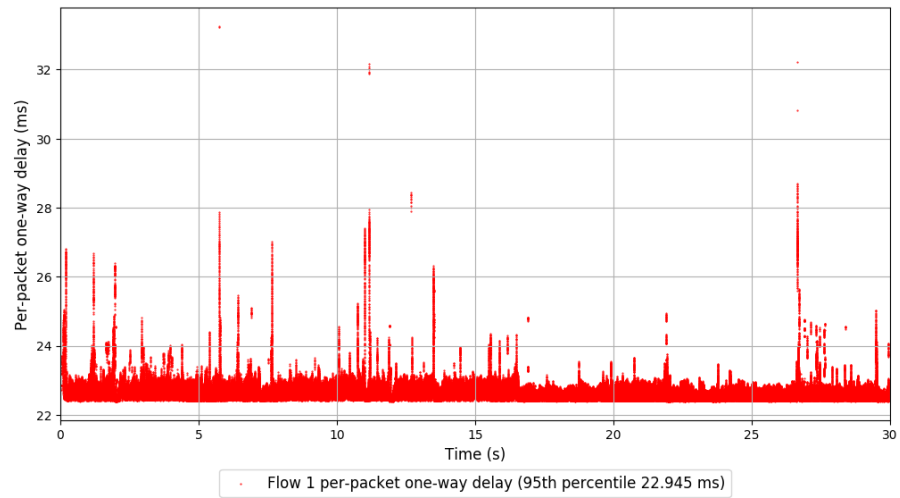
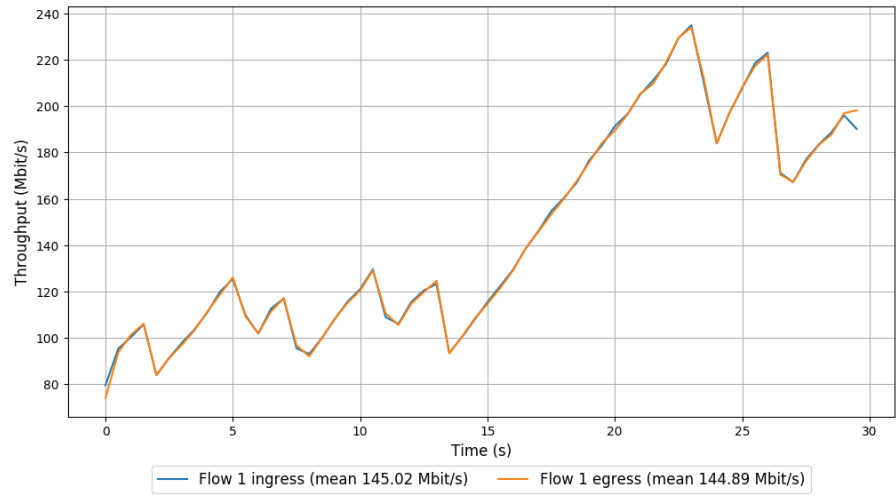
-- Flow 1:

Average throughput: 144.89 Mbit/s

95th percentile per-packet one-way delay: 22.945 ms

Loss rate: 0.10%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 10:27:41 +0000

End at: Wed, 05 Jul 2017 10:28:11 +0000

Local clock offset: 0.431 ms

Remote clock offset: -2.964 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 131.75 Mbit/s

95th percentile per-packet one-way delay: 22.772 ms

Loss rate: 0.21%

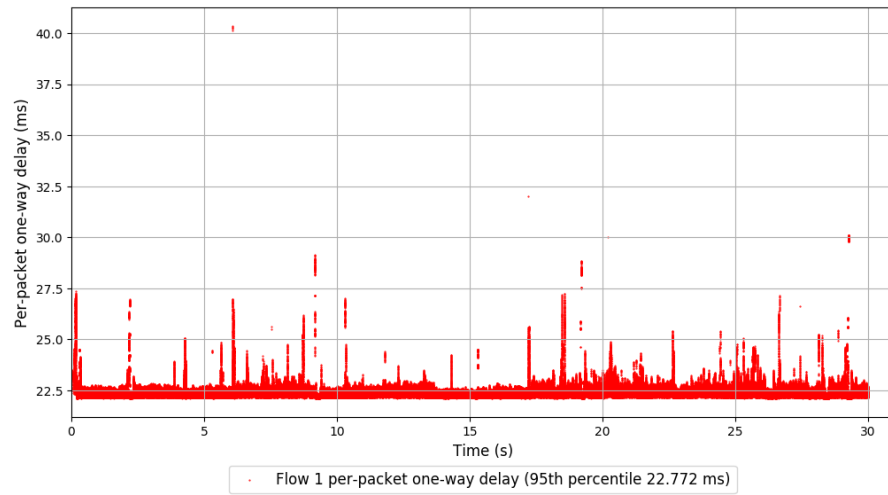
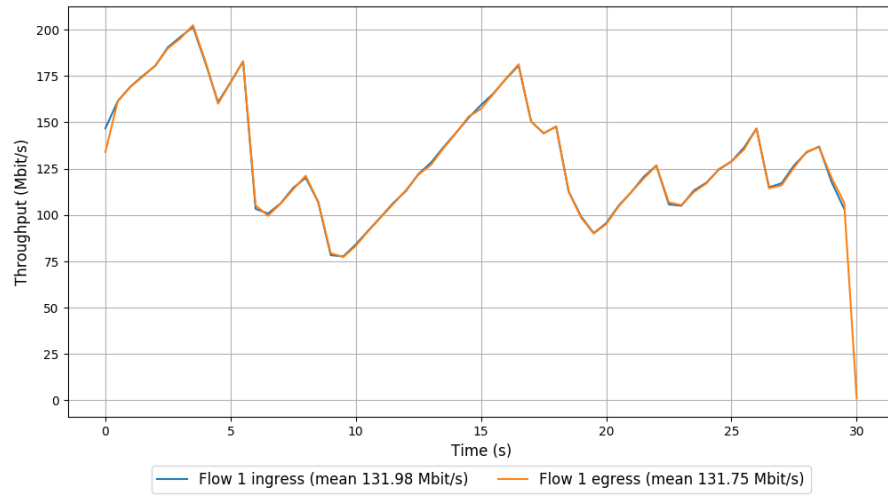
-- Flow 1:

Average throughput: 131.75 Mbit/s

95th percentile per-packet one-way delay: 22.772 ms

Loss rate: 0.21%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 07:33:21 +0000

End at: Wed, 05 Jul 2017 07:33:51 +0000

Local clock offset: 0.783 ms

Remote clock offset: -2.73 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.36 Mbit/s

95th percentile per-packet one-way delay: 22.843 ms

Loss rate: 0.00%

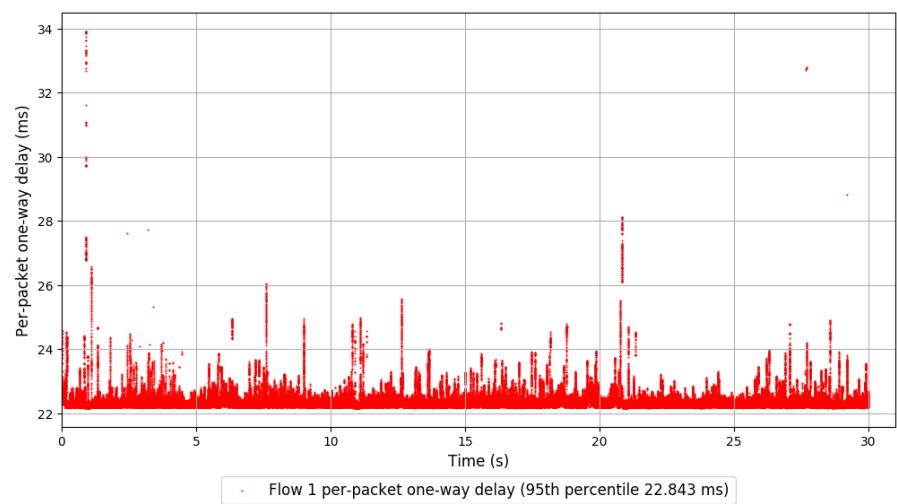
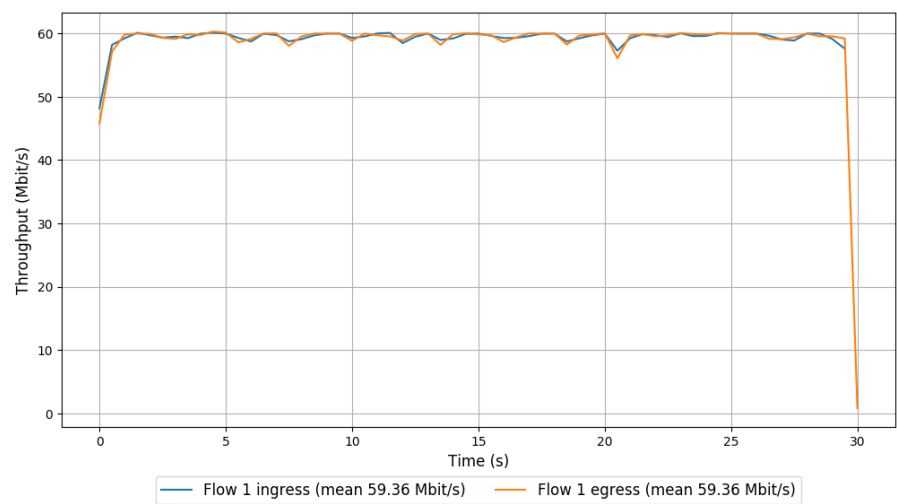
-- Flow 1:

Average throughput: 59.36 Mbit/s

95th percentile per-packet one-way delay: 22.843 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 07:53:20 +0000

End at: Wed, 05 Jul 2017 07:53:50 +0000

Local clock offset: 0.766 ms

Remote clock offset: -2.452 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.55 Mbit/s

95th percentile per-packet one-way delay: 22.508 ms

Loss rate: 0.00%

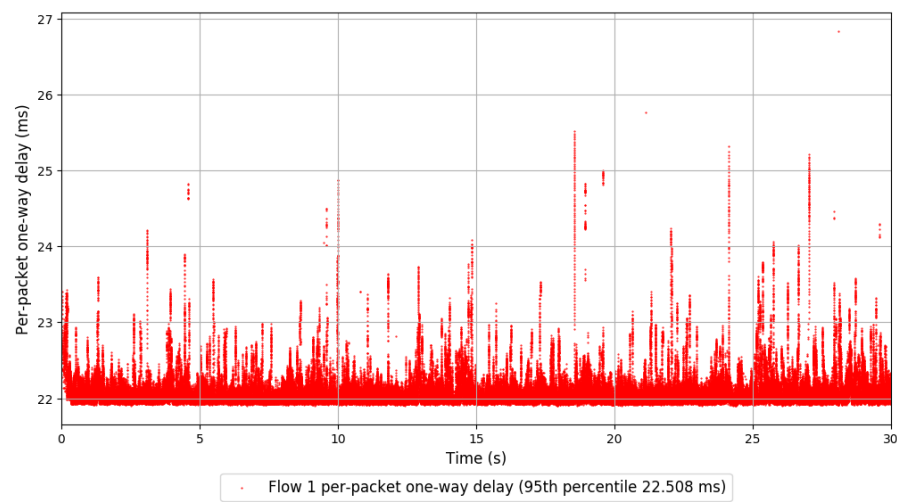
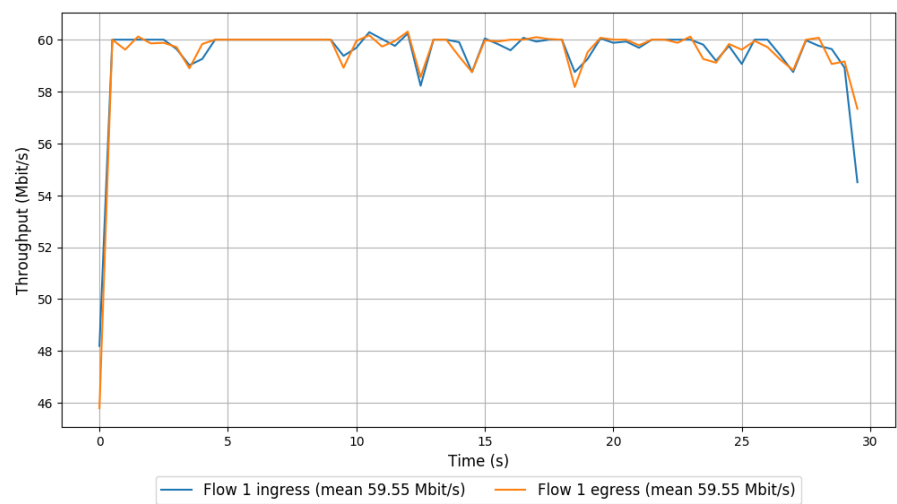
-- Flow 1:

Average throughput: 59.55 Mbit/s

95th percentile per-packet one-way delay: 22.508 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 08:13:16 +0000

End at: Wed, 05 Jul 2017 08:13:46 +0000

Local clock offset: 0.831 ms

Remote clock offset: -2.293 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 22.553 ms

Loss rate: 0.01%

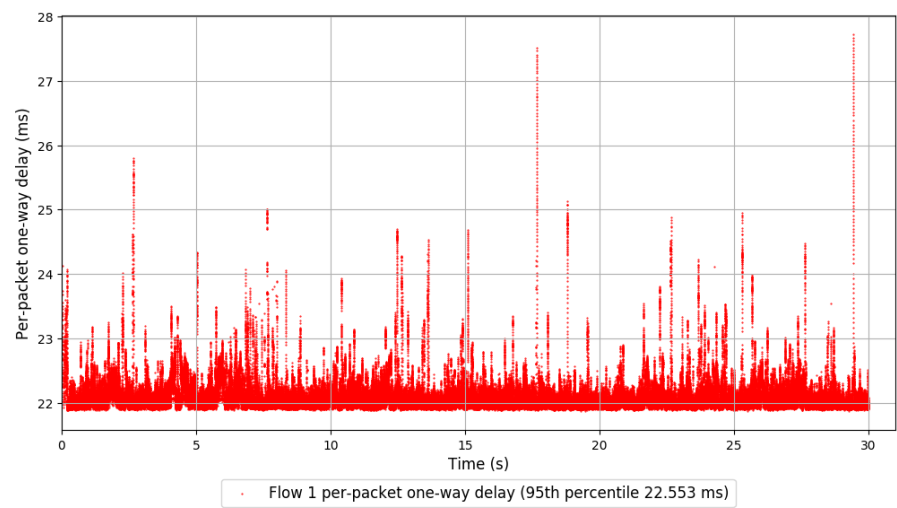
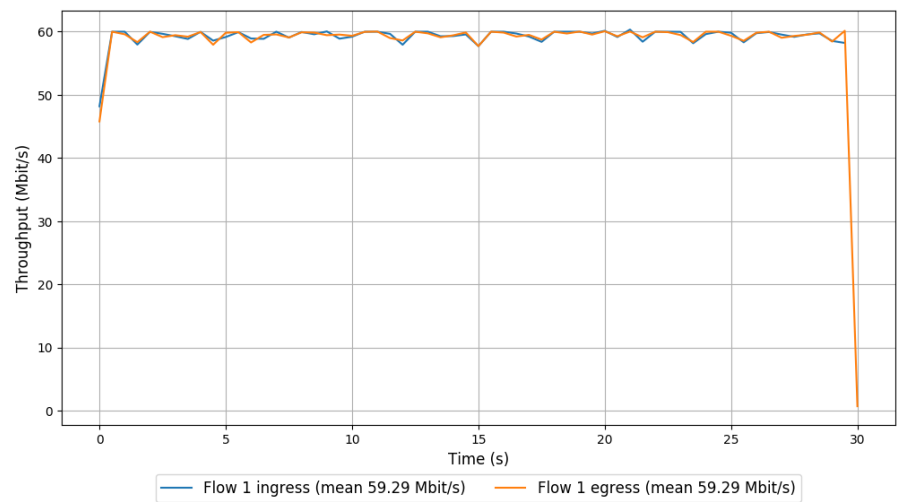
-- Flow 1:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 22.553 ms

Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 08:32:38 +0000

End at: Wed, 05 Jul 2017 08:33:08 +0000

Local clock offset: 0.944 ms

Remote clock offset: -2.582 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.32 Mbit/s

95th percentile per-packet one-way delay: 22.815 ms

Loss rate: 0.00%

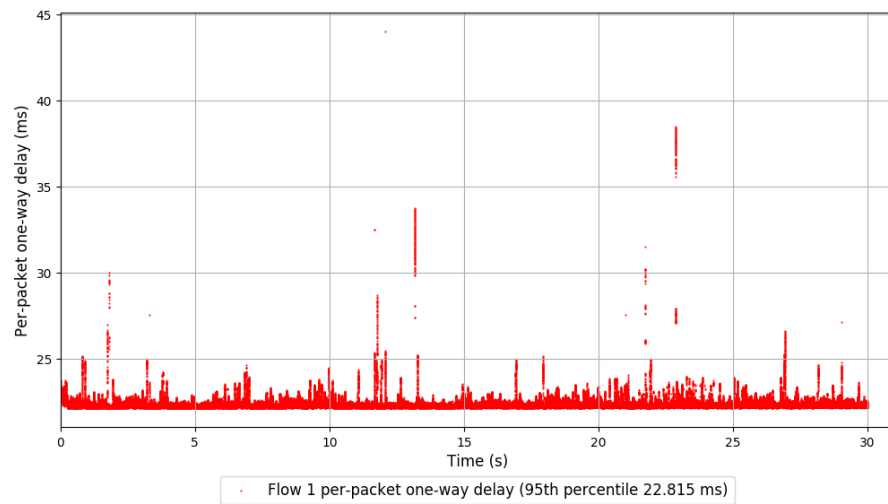
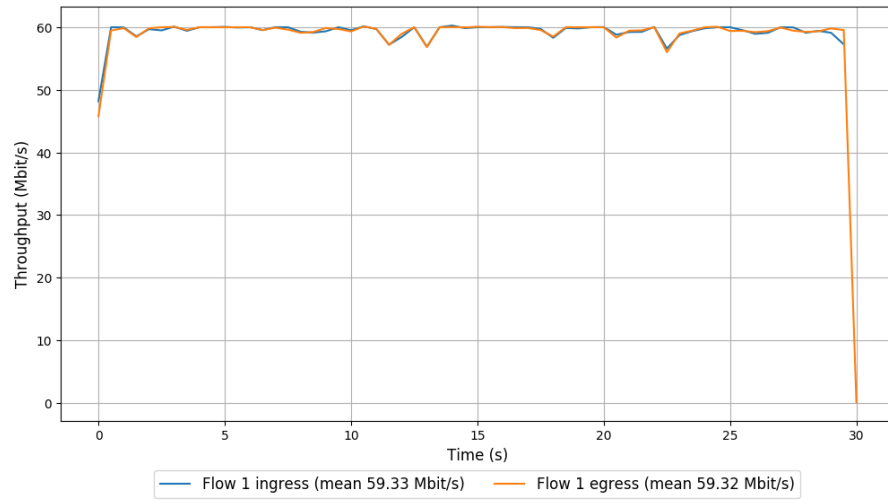
-- Flow 1:

Average throughput: 59.32 Mbit/s

95th percentile per-packet one-way delay: 22.815 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

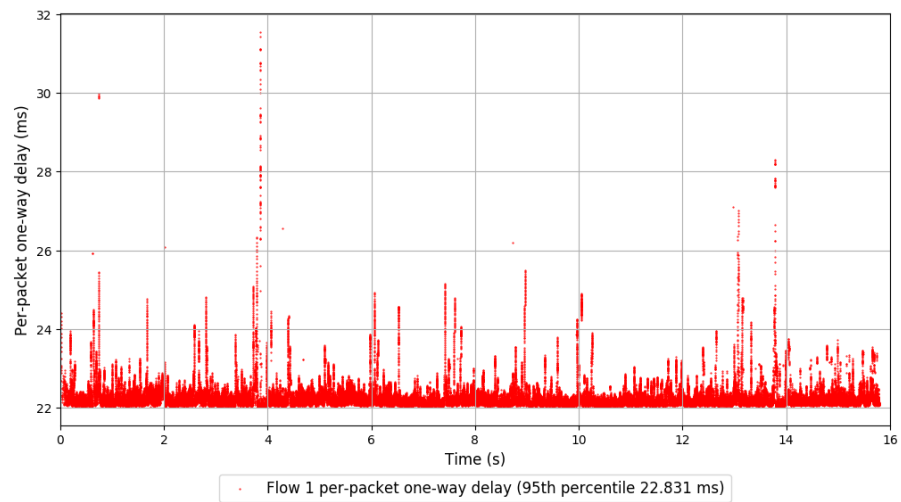
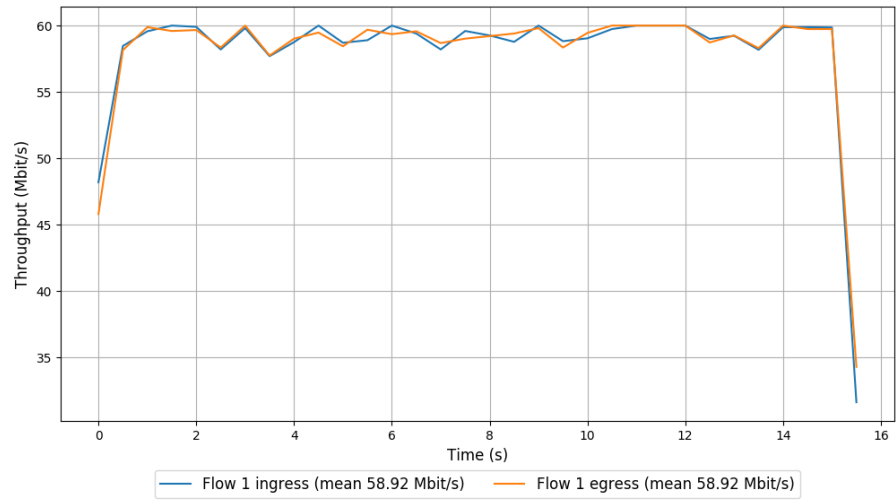
Start at: Wed, 05 Jul 2017 08:52:32 +0000

End at: Wed, 05 Jul 2017 08:53:02 +0000

Local clock offset: 0.847 ms

Remote clock offset: -2.431 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 09:12:18 +0000

End at: Wed, 05 Jul 2017 09:12:48 +0000

Local clock offset: 0.965 ms

Remote clock offset: -2.679 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.36 Mbit/s

95th percentile per-packet one-way delay: 22.955 ms

Loss rate: 0.00%

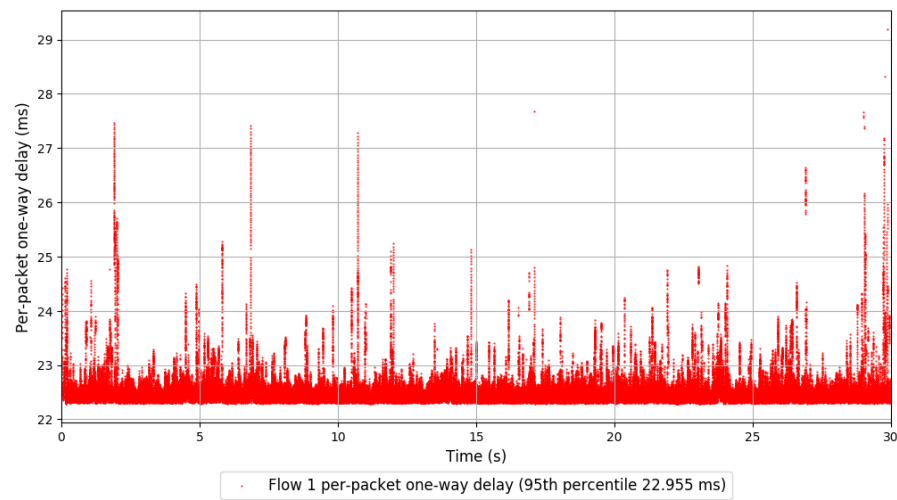
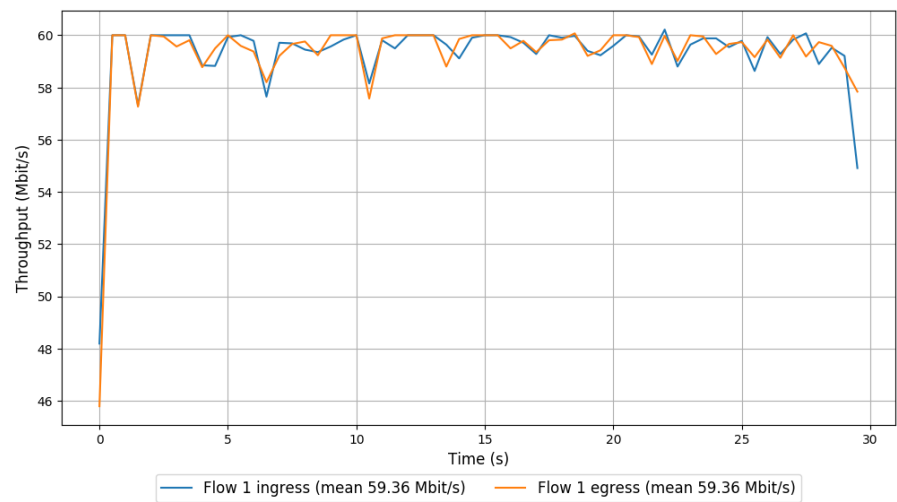
-- Flow 1:

Average throughput: 59.36 Mbit/s

95th percentile per-packet one-way delay: 22.955 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 09:32:01 +0000

End at: Wed, 05 Jul 2017 09:32:31 +0000

Local clock offset: 0.925 ms

Remote clock offset: -2.919 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:46:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.37 Mbit/s

95th percentile per-packet one-way delay: 23.178 ms

Loss rate: 0.00%

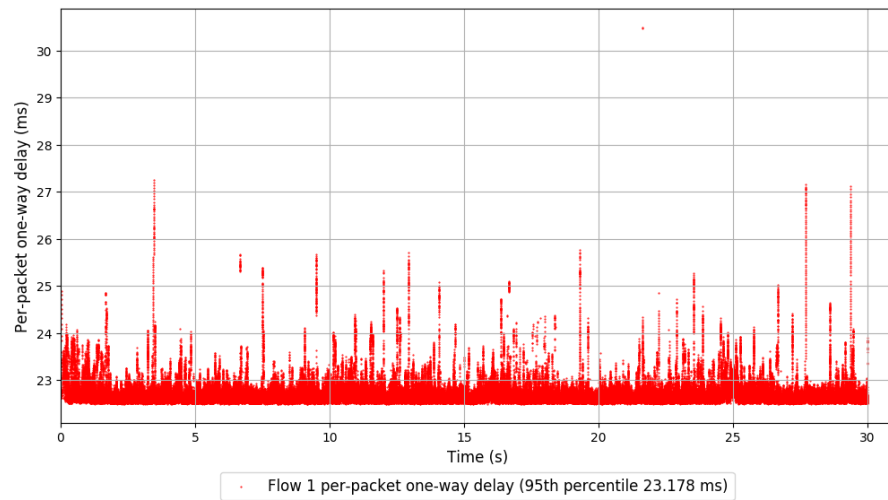
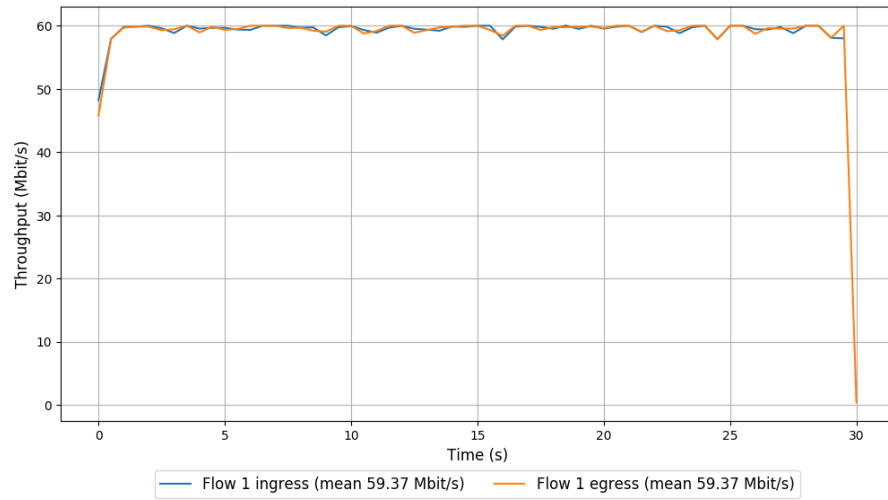
-- Flow 1:

Average throughput: 59.37 Mbit/s

95th percentile per-packet one-way delay: 23.178 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

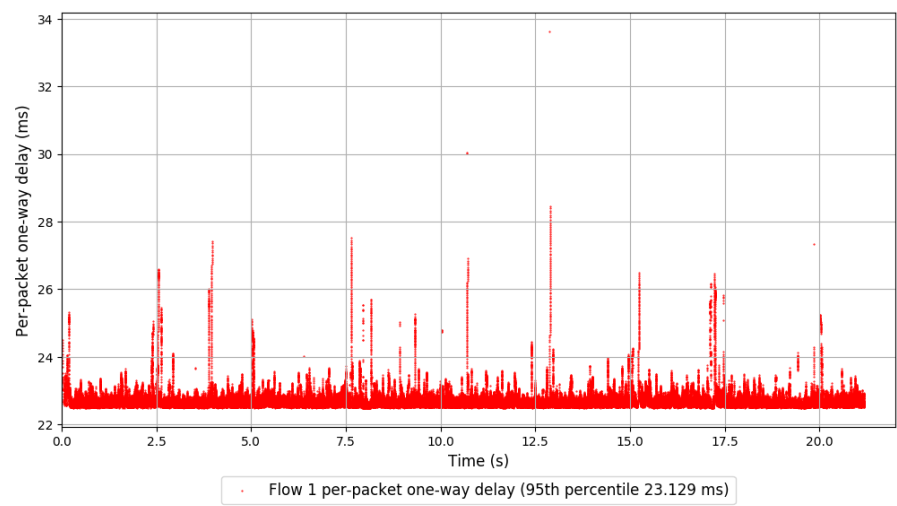
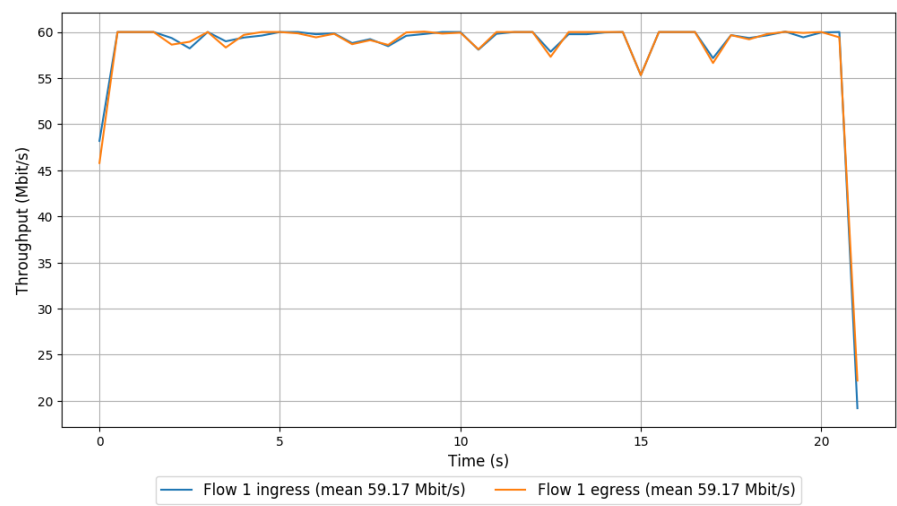
Start at: Wed, 05 Jul 2017 09:51:28 +0000

End at: Wed, 05 Jul 2017 09:51:58 +0000

Local clock offset: 0.795 ms

Remote clock offset: -3.094 ms

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

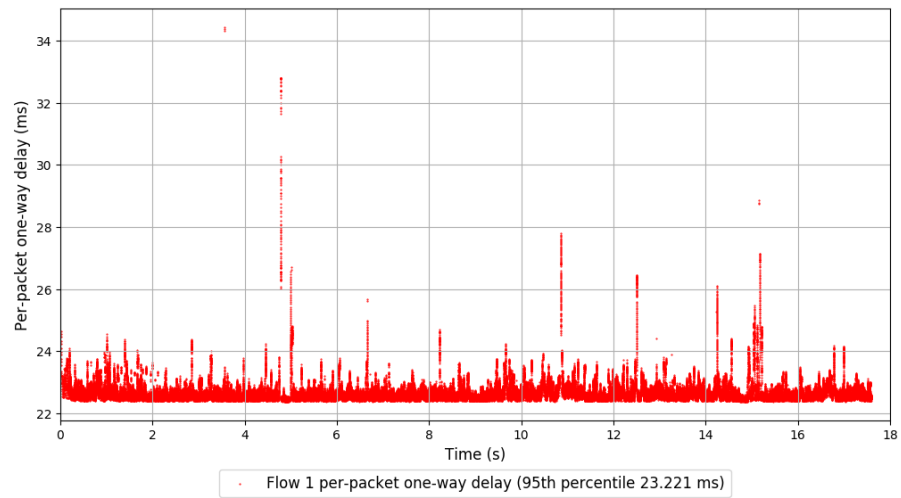
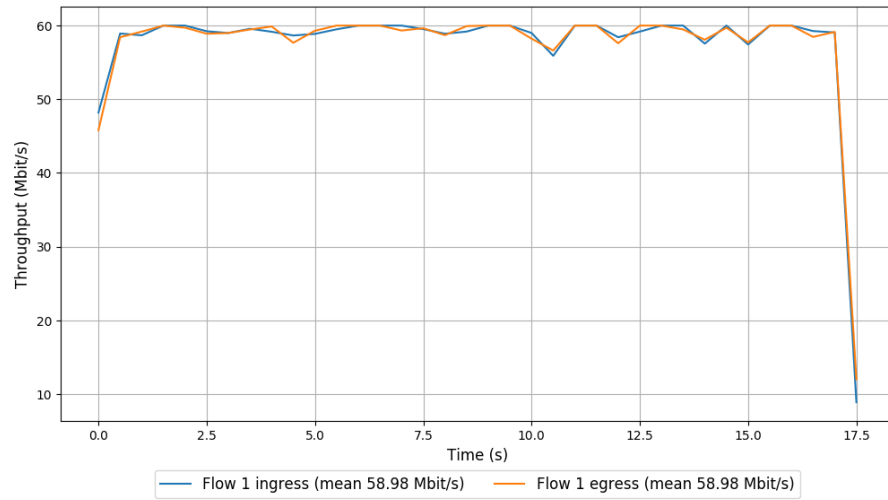
Start at: Wed, 05 Jul 2017 10:10:48 +0000

End at: Wed, 05 Jul 2017 10:11:18 +0000

Local clock offset: 0.702 ms

Remote clock offset: -3.053 ms

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 10:30:33 +0000

End at: Wed, 05 Jul 2017 10:31:03 +0000

Local clock offset: 0.522 ms

Remote clock offset: -2.909 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:47:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.37 Mbit/s

95th percentile per-packet one-way delay: 22.672 ms

Loss rate: 0.00%

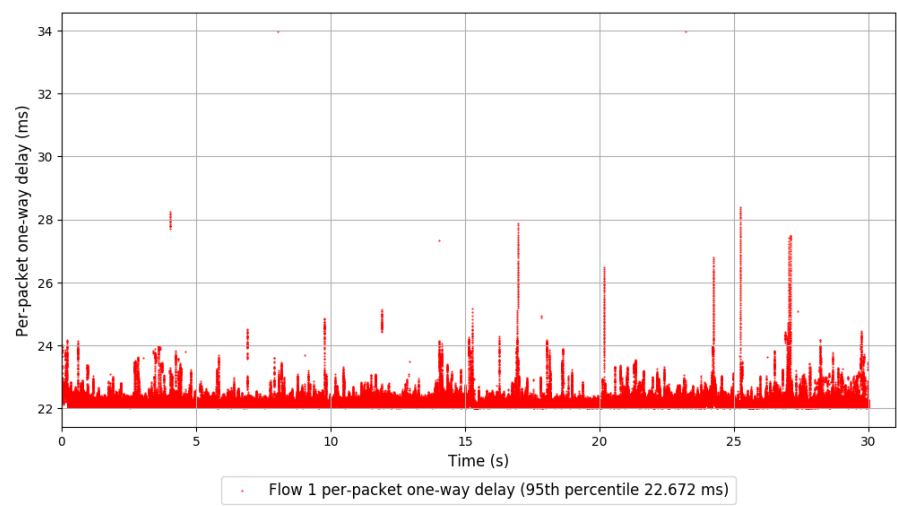
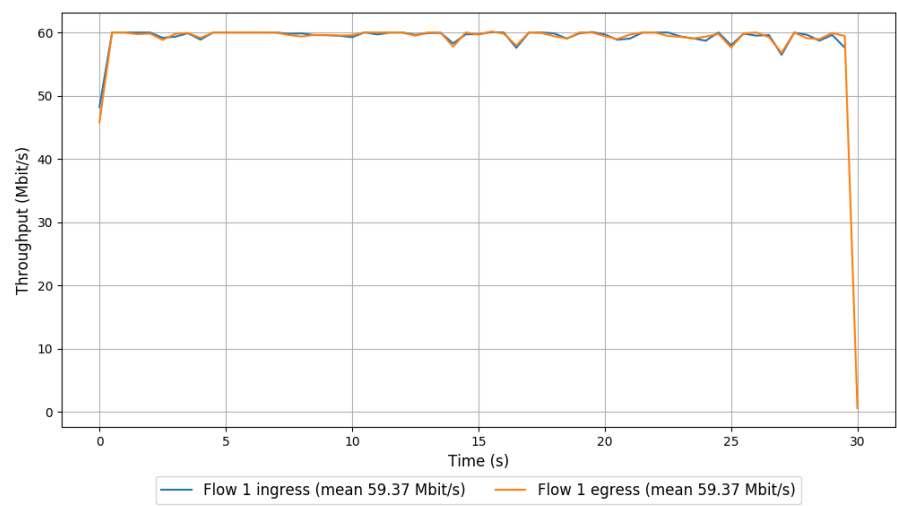
-- Flow 1:

Average throughput: 59.37 Mbit/s

95th percentile per-packet one-way delay: 22.672 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 07:20:51 +0000

End at: Wed, 05 Jul 2017 07:21:21 +0000

Local clock offset: 0.746 ms

Remote clock offset: -2.993 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:47:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 114.93 Mbit/s

95th percentile per-packet one-way delay: 22.954 ms

Loss rate: 0.21%

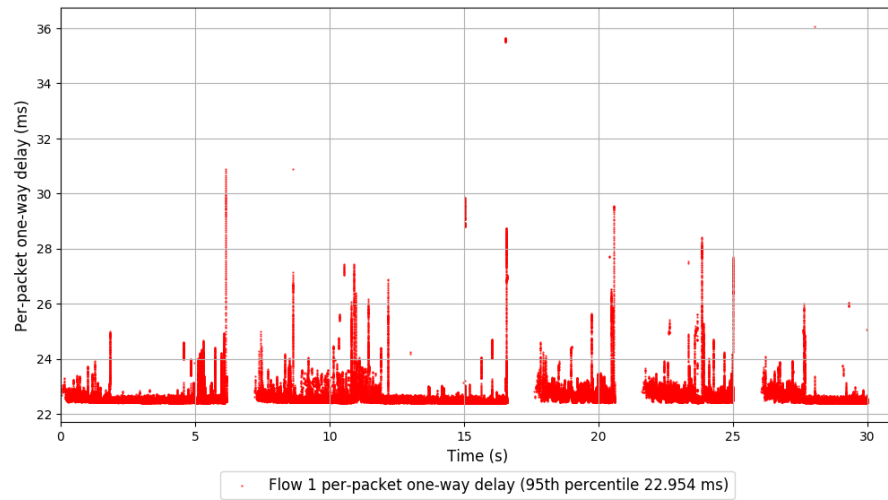
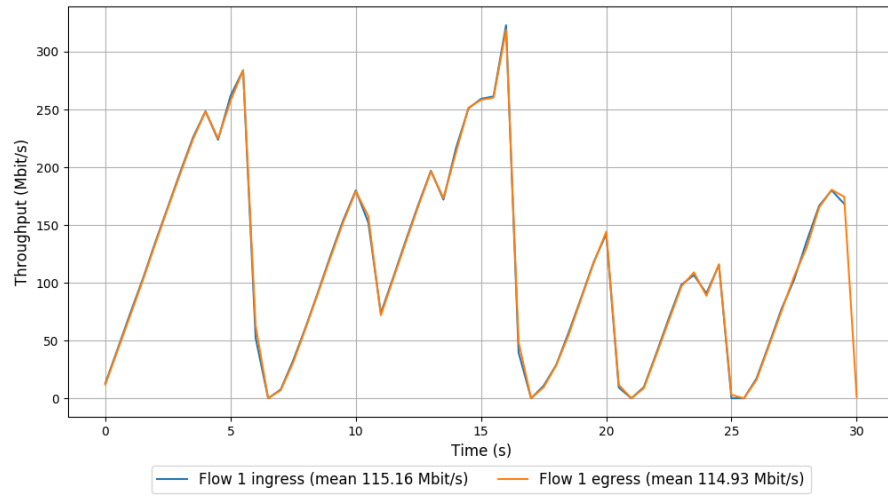
-- Flow 1:

Average throughput: 114.93 Mbit/s

95th percentile per-packet one-way delay: 22.954 ms

Loss rate: 0.21%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 07:40:20 +0000

End at: Wed, 05 Jul 2017 07:40:50 +0000

Local clock offset: 0.727 ms

Remote clock offset: -2.601 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:47:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 144.17 Mbit/s

95th percentile per-packet one-way delay: 22.487 ms

Loss rate: 0.08%

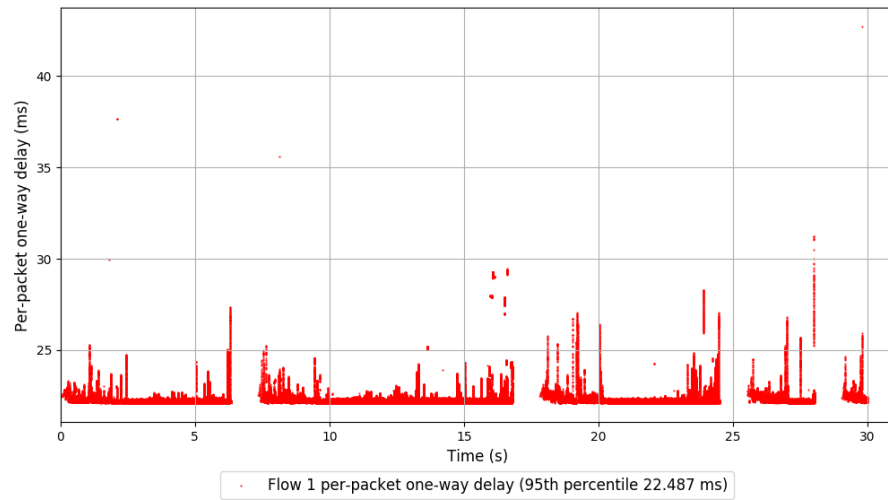
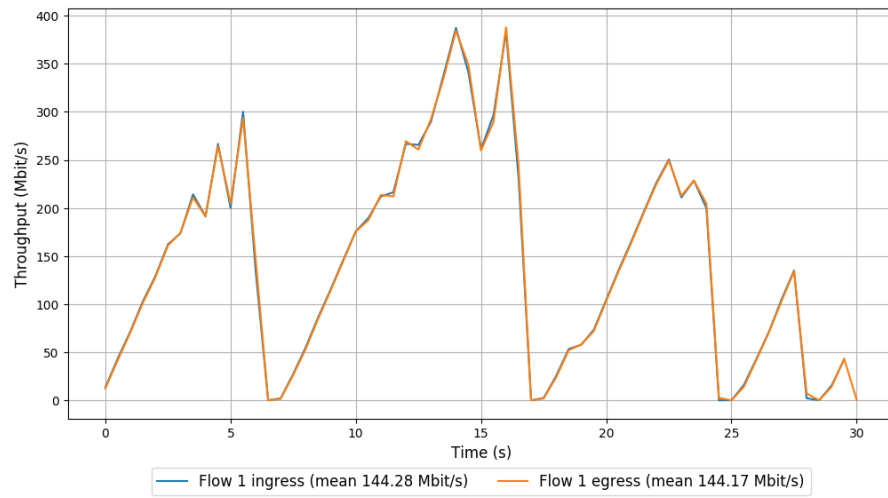
-- Flow 1:

Average throughput: 144.17 Mbit/s

95th percentile per-packet one-way delay: 22.487 ms

Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 08:00:26 +0000

End at: Wed, 05 Jul 2017 08:00:56 +0000

Local clock offset: 0.793 ms

Remote clock offset: -2.342 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:47:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 151.83 Mbit/s

95th percentile per-packet one-way delay: 22.393 ms

Loss rate: 0.07%

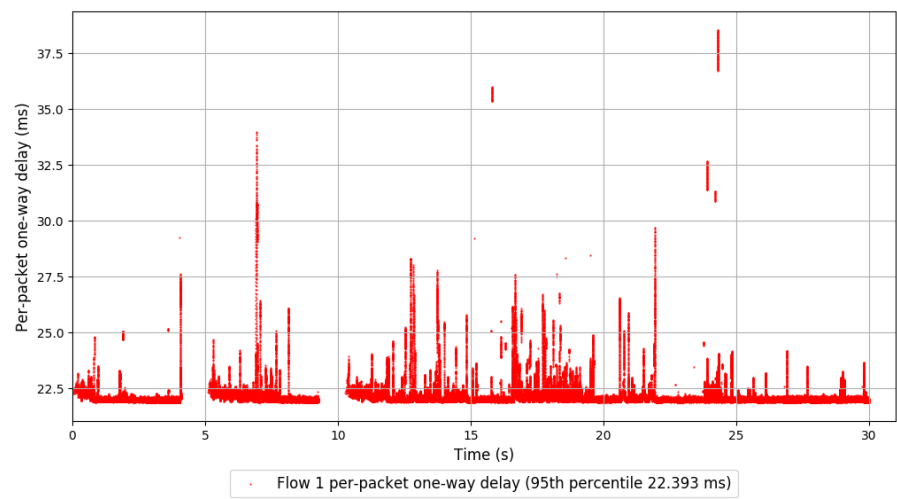
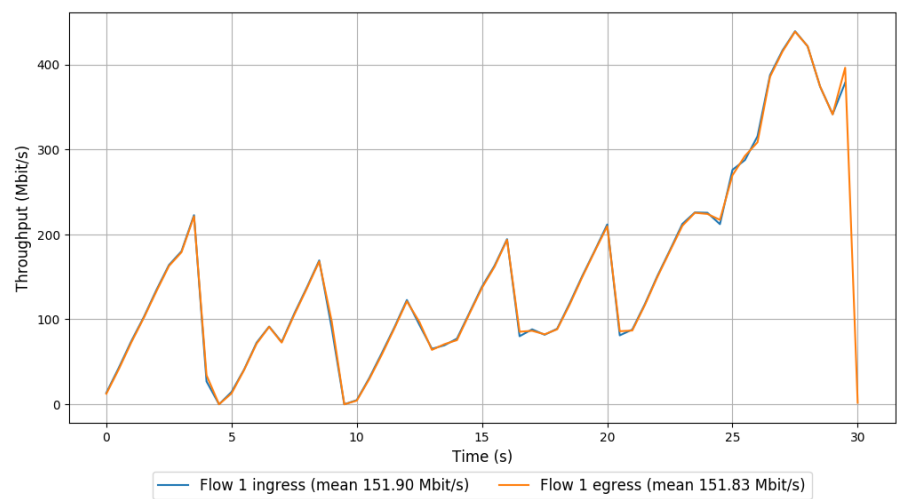
-- Flow 1:

Average throughput: 151.83 Mbit/s

95th percentile per-packet one-way delay: 22.393 ms

Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 08:20:10 +0000

End at: Wed, 05 Jul 2017 08:20:40 +0000

Local clock offset: 0.836 ms

Remote clock offset: -2.347 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:47:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 121.38 Mbit/s

95th percentile per-packet one-way delay: 22.240 ms

Loss rate: 0.18%

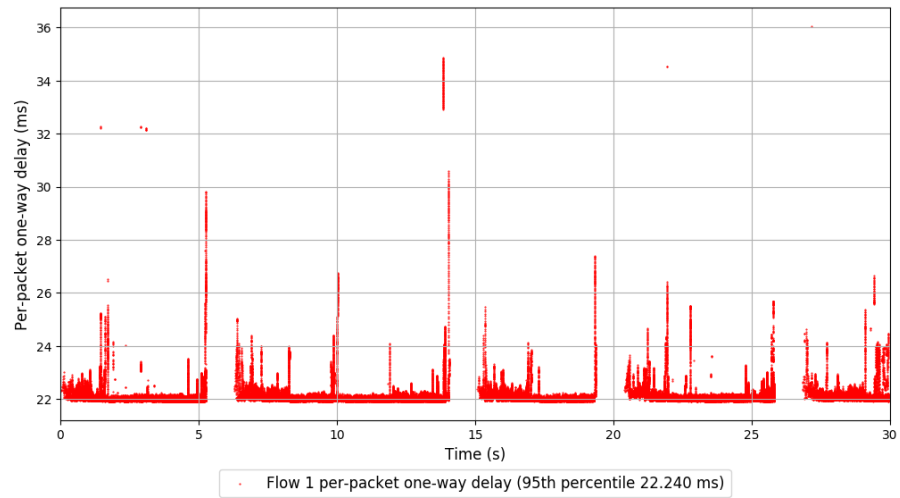
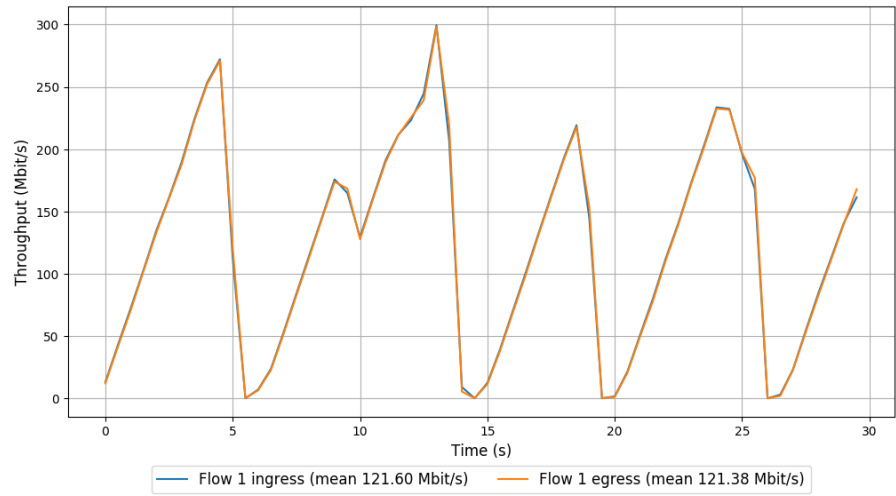
-- Flow 1:

Average throughput: 121.38 Mbit/s

95th percentile per-packet one-way delay: 22.240 ms

Loss rate: 0.18%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 08:39:37 +0000

End at: Wed, 05 Jul 2017 08:40:07 +0000

Local clock offset: 0.851 ms

Remote clock offset: -2.541 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 169.64 Mbit/s

95th percentile per-packet one-way delay: 22.439 ms

Loss rate: 0.10%

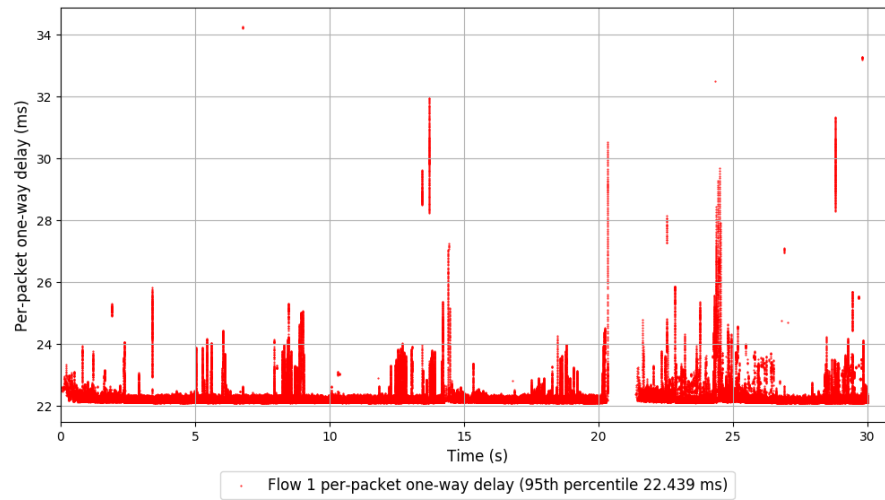
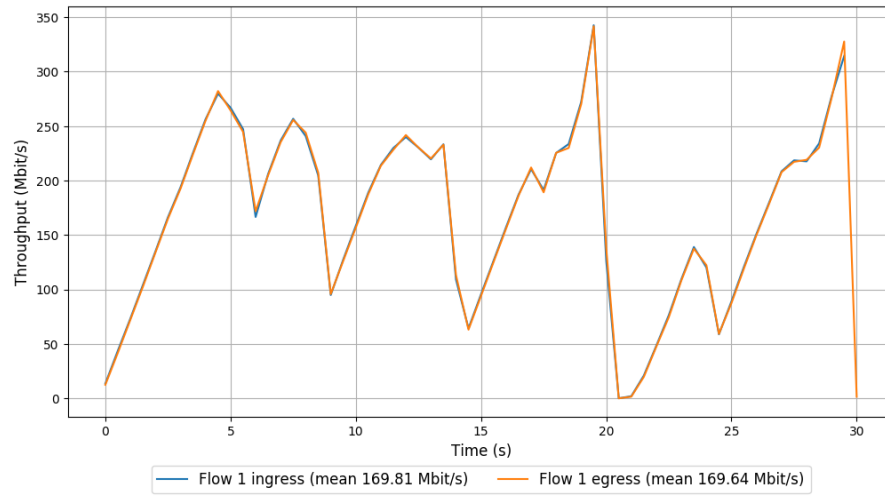
-- Flow 1:

Average throughput: 169.64 Mbit/s

95th percentile per-packet one-way delay: 22.439 ms

Loss rate: 0.10%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 08:59:19 +0000

End at: Wed, 05 Jul 2017 08:59:49 +0000

Local clock offset: 0.97 ms

Remote clock offset: -2.53 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 110.50 Mbit/s

95th percentile per-packet one-way delay: 22.721 ms

Loss rate: 0.10%

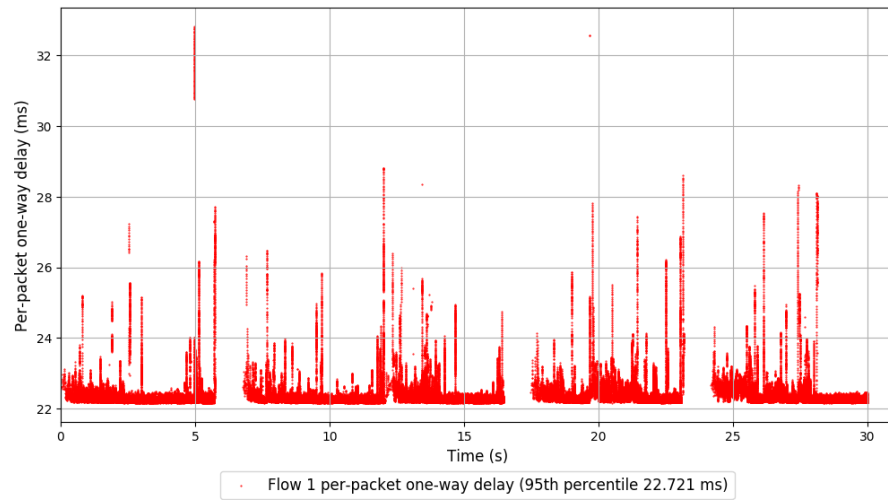
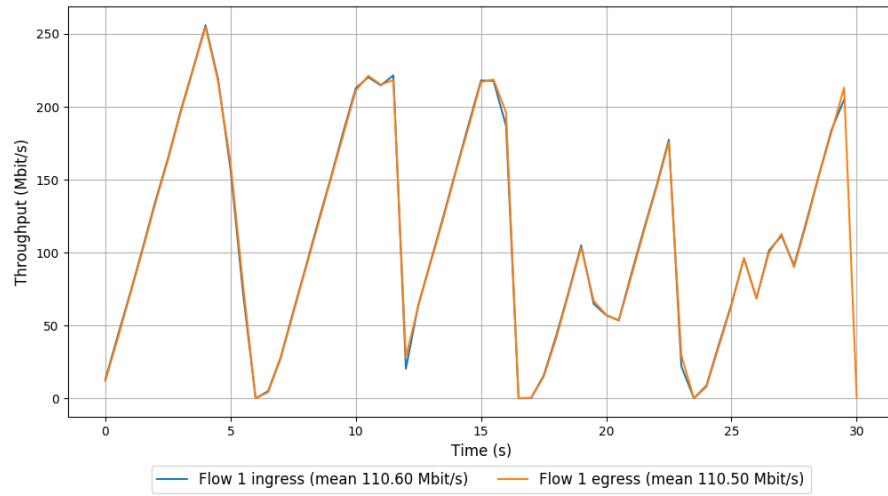
-- Flow 1:

Average throughput: 110.50 Mbit/s

95th percentile per-packet one-way delay: 22.721 ms

Loss rate: 0.10%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 09:19:13 +0000

End at: Wed, 05 Jul 2017 09:19:43 +0000

Local clock offset: 0.947 ms

Remote clock offset: -2.711 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.01 Mbit/s

95th percentile per-packet one-way delay: 23.103 ms

Loss rate: 0.23%

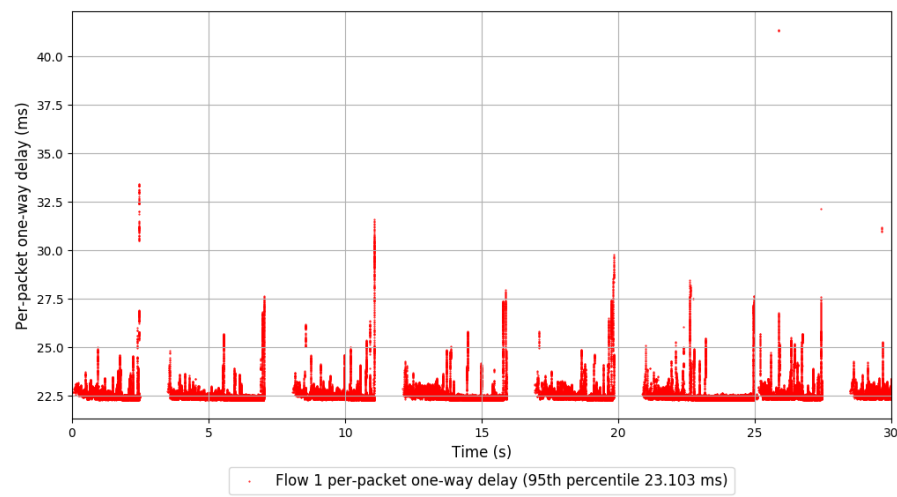
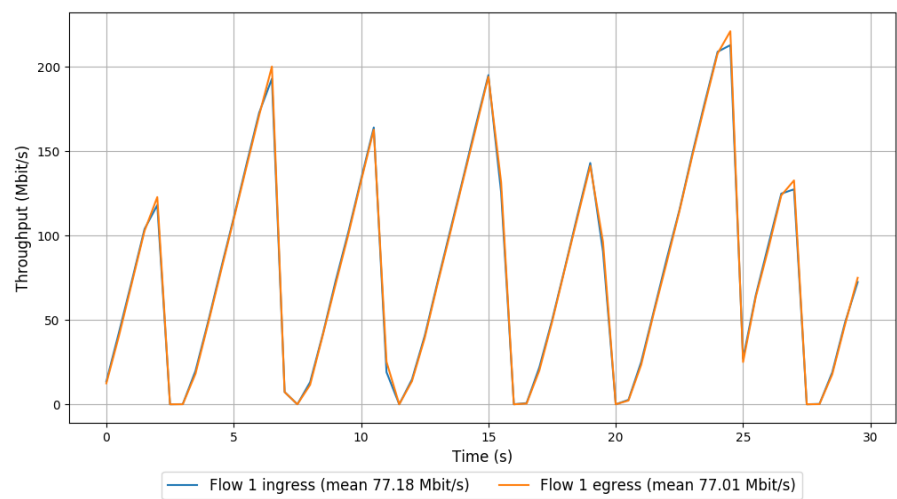
-- Flow 1:

Average throughput: 77.01 Mbit/s

95th percentile per-packet one-way delay: 23.103 ms

Loss rate: 0.23%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 09:38:55 +0000

End at: Wed, 05 Jul 2017 09:39:25 +0000

Local clock offset: 0.832 ms

Remote clock offset: -3.072 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 143.14 Mbit/s

95th percentile per-packet one-way delay: 23.197 ms

Loss rate: 0.17%

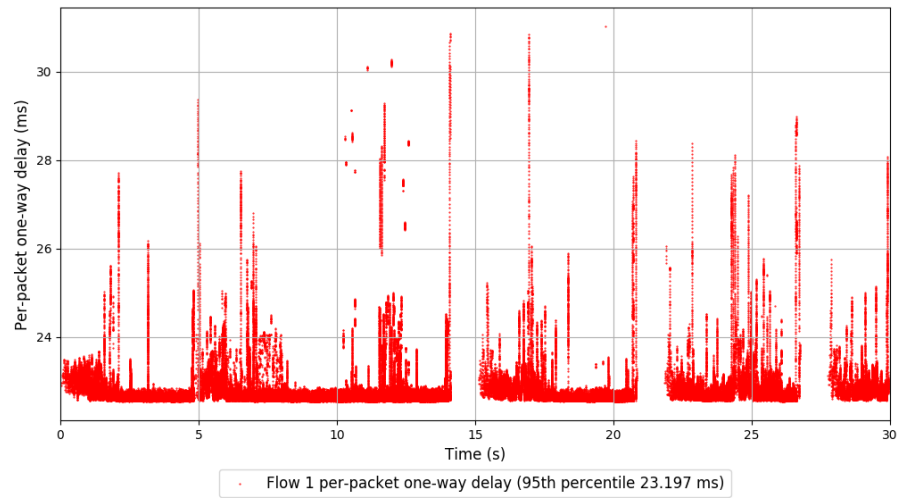
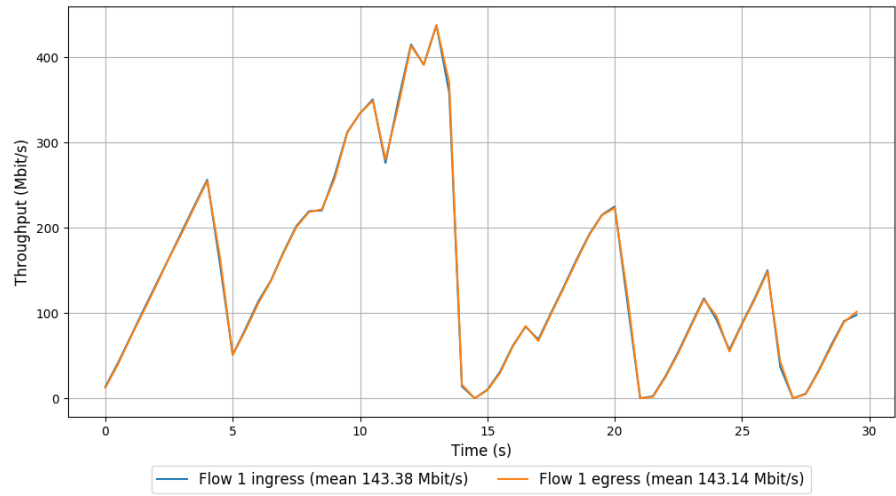
-- Flow 1:

Average throughput: 143.14 Mbit/s

95th percentile per-packet one-way delay: 23.197 ms

Loss rate: 0.17%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 09:58:20 +0000

End at: Wed, 05 Jul 2017 09:58:50 +0000

Local clock offset: 0.65 ms

Remote clock offset: -3.144 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 23.181 ms

Loss rate: 0.33%

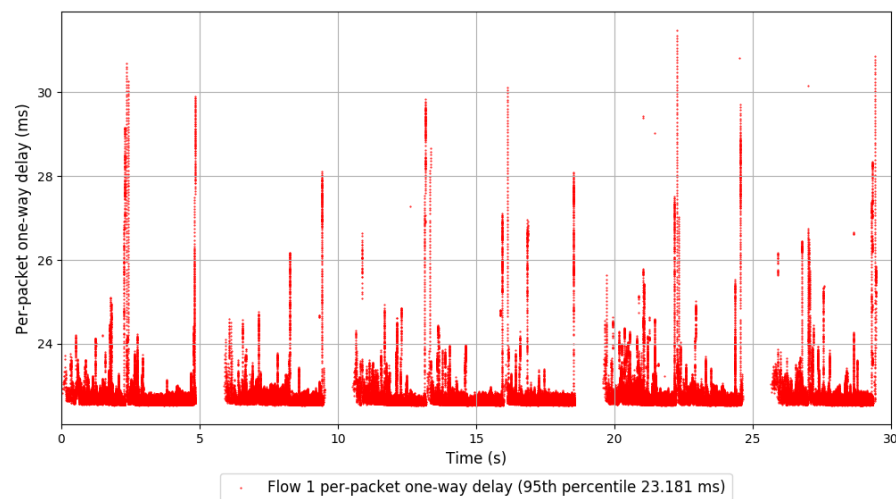
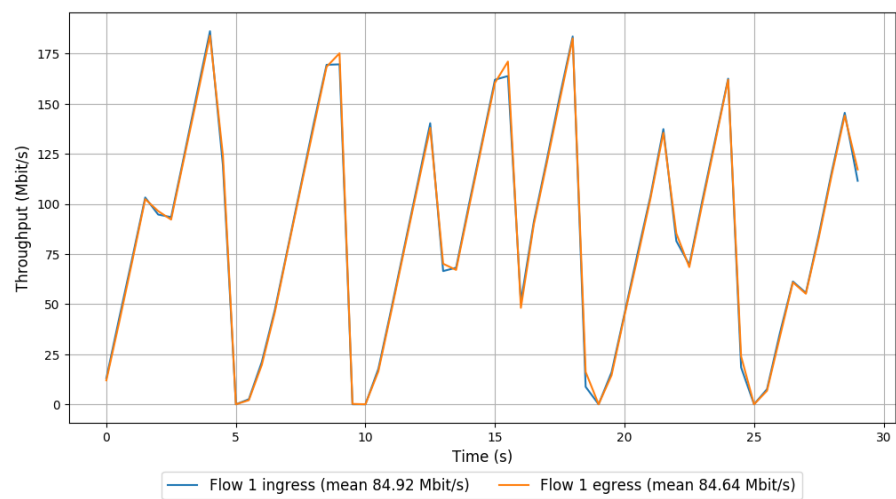
-- Flow 1:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 23.181 ms

Loss rate: 0.33%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Wed, 05 Jul 2017 10:17:40 +0000

End at: Wed, 05 Jul 2017 10:18:10 +0000

Local clock offset: 0.576 ms

Remote clock offset: -3.063 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:48:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.84 Mbit/s

95th percentile per-packet one-way delay: 23.302 ms

Loss rate: 0.17%

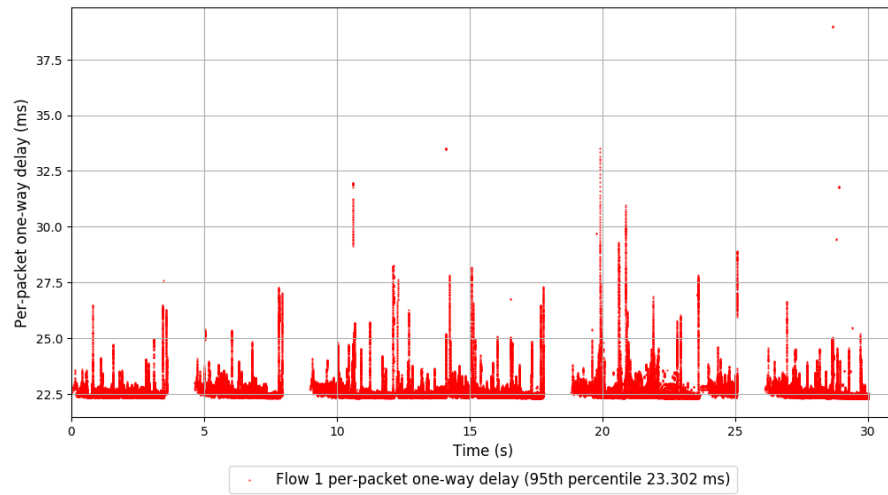
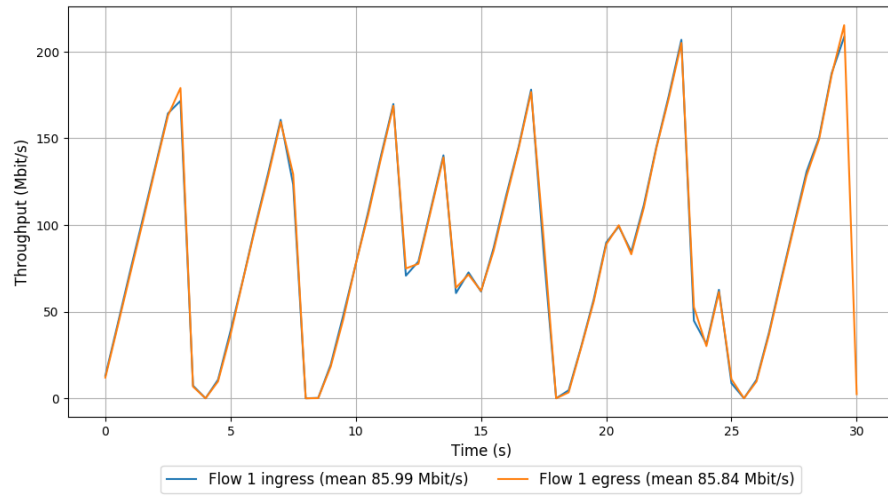
-- Flow 1:

Average throughput: 85.84 Mbit/s

95th percentile per-packet one-way delay: 23.302 ms

Loss rate: 0.17%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

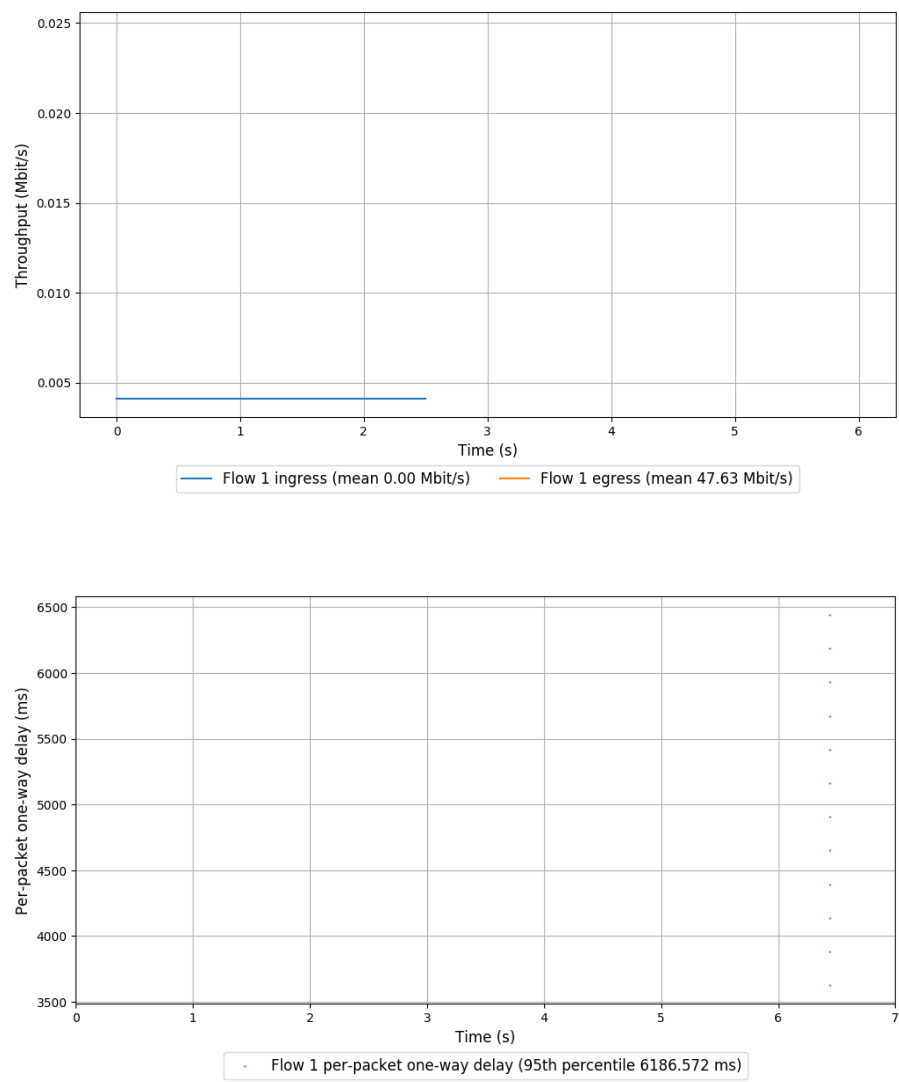
Start at: Wed, 05 Jul 2017 07:28:03 +0000

End at: Wed, 05 Jul 2017 07:28:33 +0000

Local clock offset: 0.786 ms

Remote clock offset: -2.881 ms

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Wed, 05 Jul 2017 07:47:35 +0000

End at: Wed, 05 Jul 2017 07:48:05 +0000

Local clock offset: 0.719 ms

Remote clock offset: -2.557 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:50:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 727.39 Mbit/s

95th percentile per-packet one-way delay: 23.112 ms

Loss rate: 0.18%

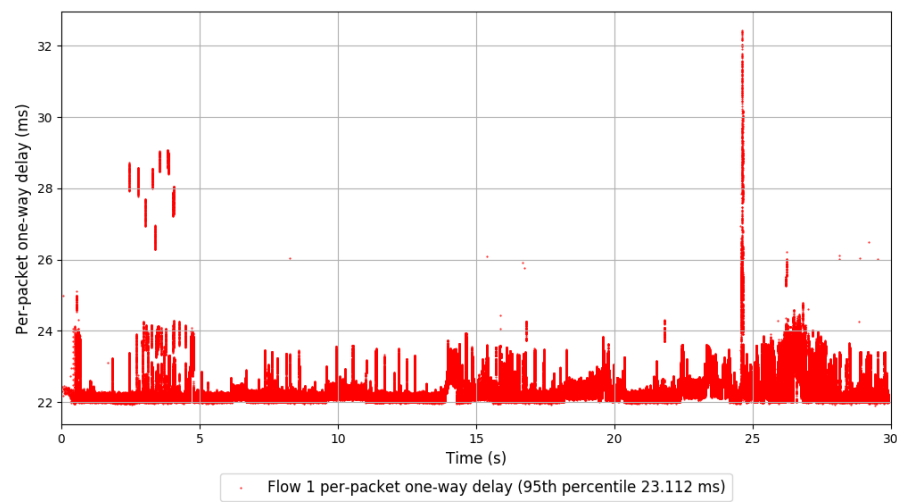
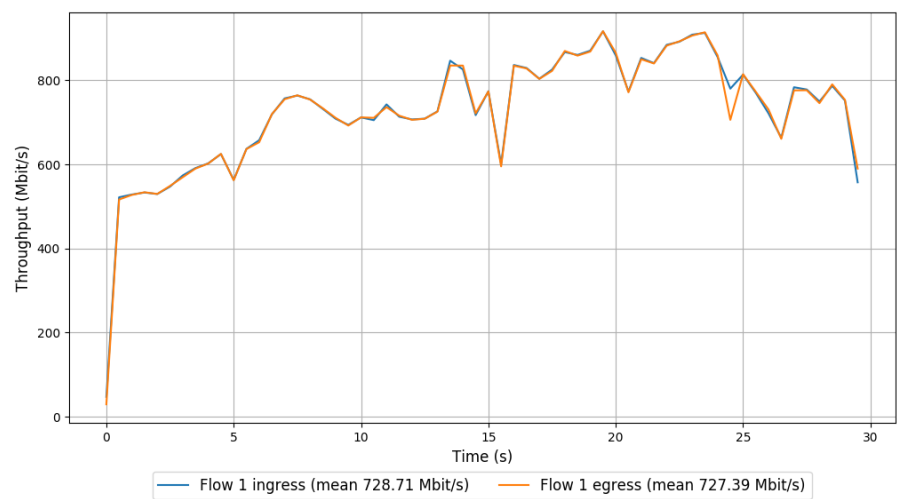
-- Flow 1:

Average throughput: 727.39 Mbit/s

95th percentile per-packet one-way delay: 23.112 ms

Loss rate: 0.18%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Wed, 05 Jul 2017 08:07:42 +0000

End at: Wed, 05 Jul 2017 08:08:12 +0000

Local clock offset: 0.898 ms

Remote clock offset: -2.379 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:50:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 468.84 Mbit/s

95th percentile per-packet one-way delay: 22.937 ms

Loss rate: 0.19%

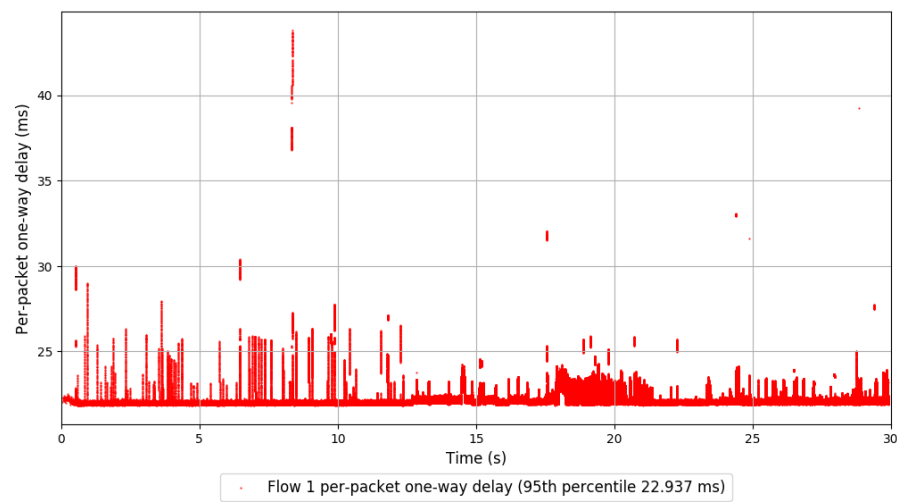
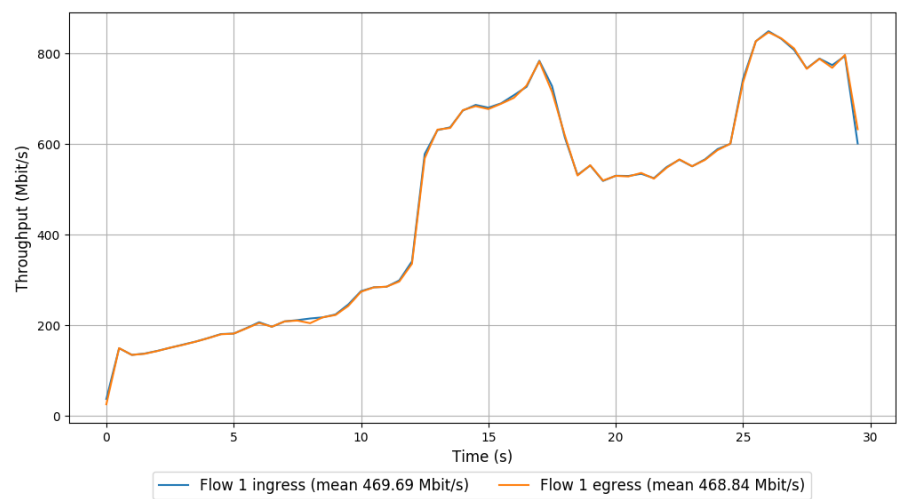
-- Flow 1:

Average throughput: 468.84 Mbit/s

95th percentile per-packet one-way delay: 22.937 ms

Loss rate: 0.19%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

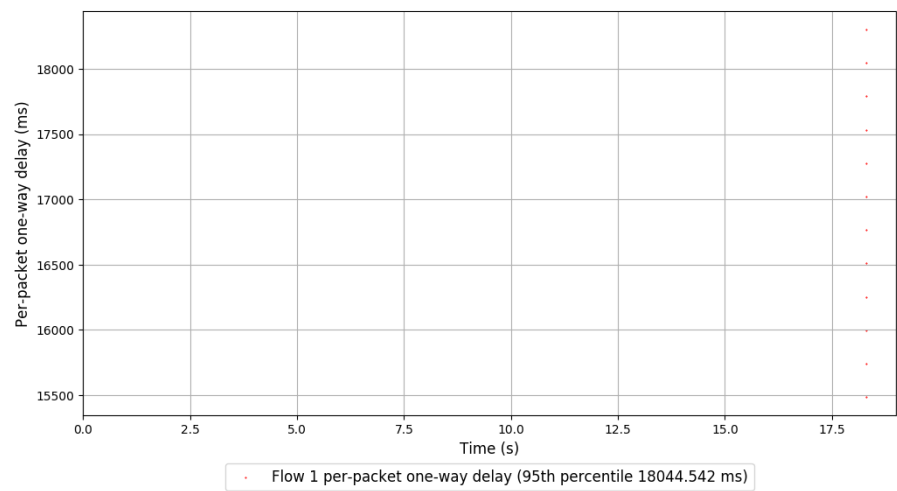
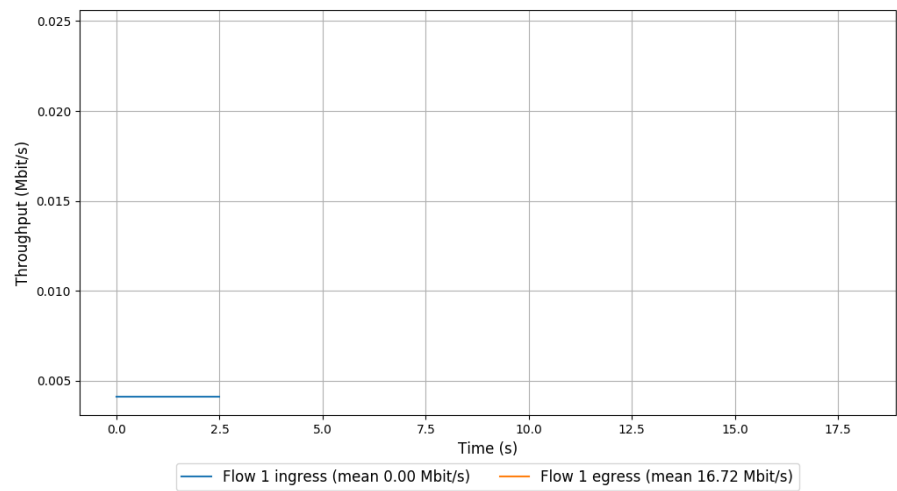
Start at: Wed, 05 Jul 2017 08:27:24 +0000

End at: Wed, 05 Jul 2017 08:27:54 +0000

Local clock offset: 0.944 ms

Remote clock offset: -2.532 ms

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Wed, 05 Jul 2017 08:46:54 +0000

End at: Wed, 05 Jul 2017 08:47:24 +0000

Local clock offset: 0.941 ms

Remote clock offset: -2.434 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:53:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 783.80 Mbit/s

95th percentile per-packet one-way delay: 23.351 ms

Loss rate: 0.07%

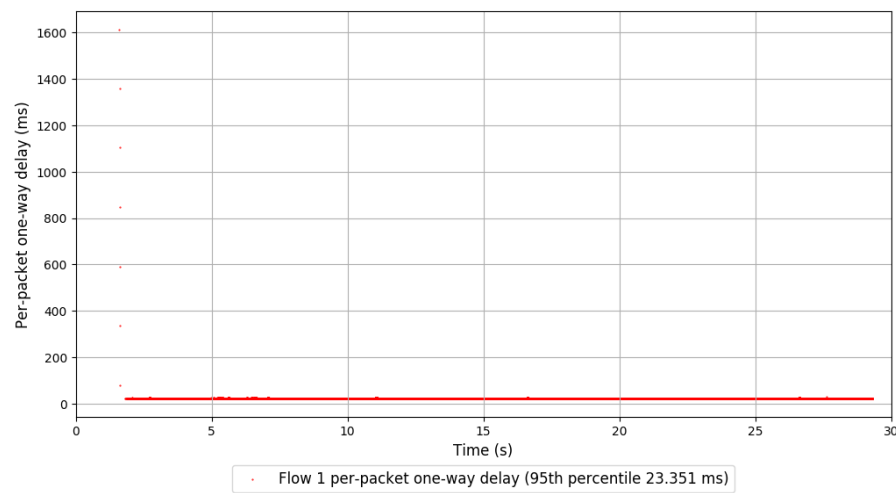
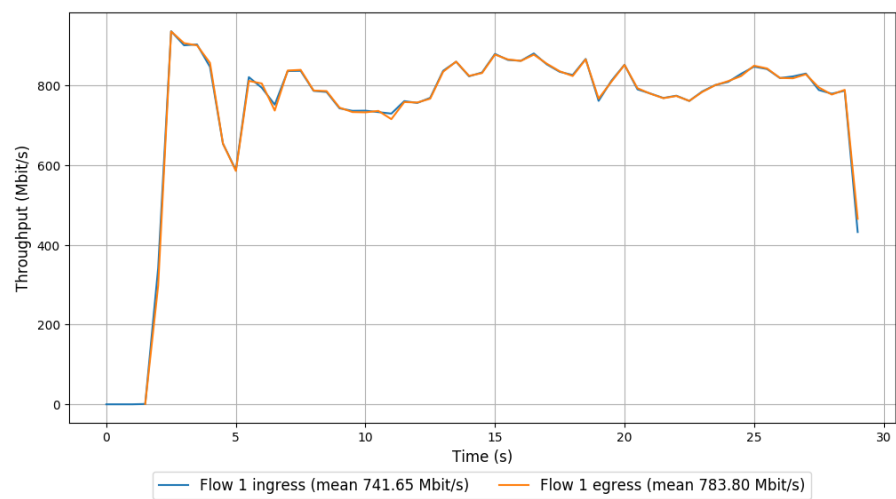
-- Flow 1:

Average throughput: 783.80 Mbit/s

95th percentile per-packet one-way delay: 23.351 ms

Loss rate: 0.07%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:06:32 +0000

End at: Wed, 05 Jul 2017 09:07:02 +0000

Local clock offset: 0.967 ms

Remote clock offset: -2.705 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:53:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 698.56 Mbit/s

95th percentile per-packet one-way delay: 23.445 ms

Loss rate: 0.06%

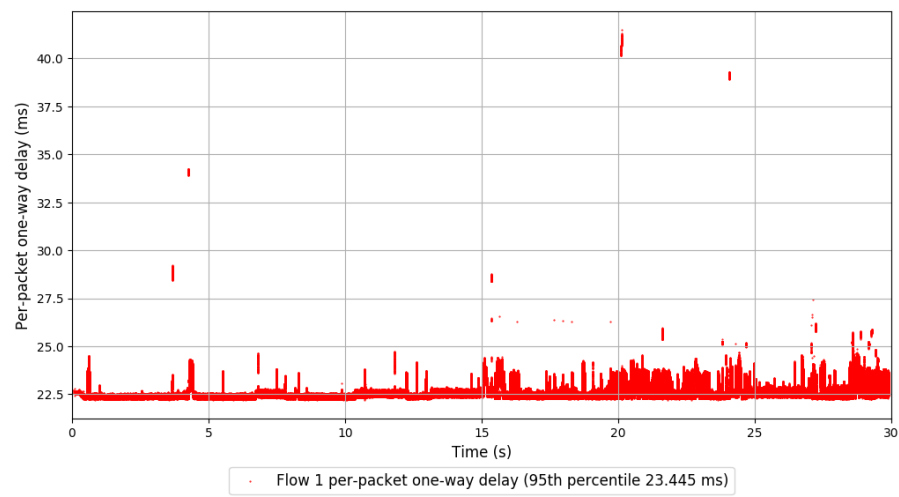
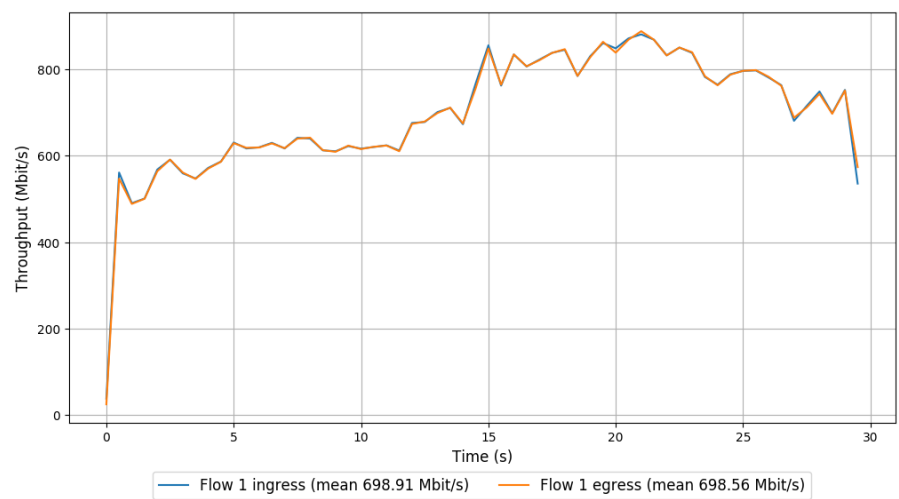
-- Flow 1:

Average throughput: 698.56 Mbit/s

95th percentile per-packet one-way delay: 23.445 ms

Loss rate: 0.06%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Wed, 05 Jul 2017 09:26:24 +0000

End at: Wed, 05 Jul 2017 09:26:54 +0000

Local clock offset: 0.93 ms

Remote clock offset: -2.863 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:54:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 569.18 Mbit/s

95th percentile per-packet one-way delay: 22.763 ms

Loss rate: 0.05%

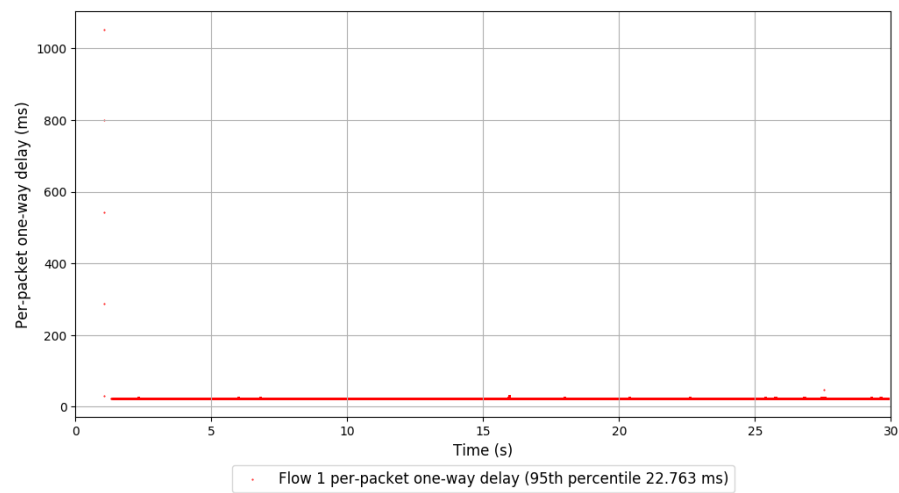
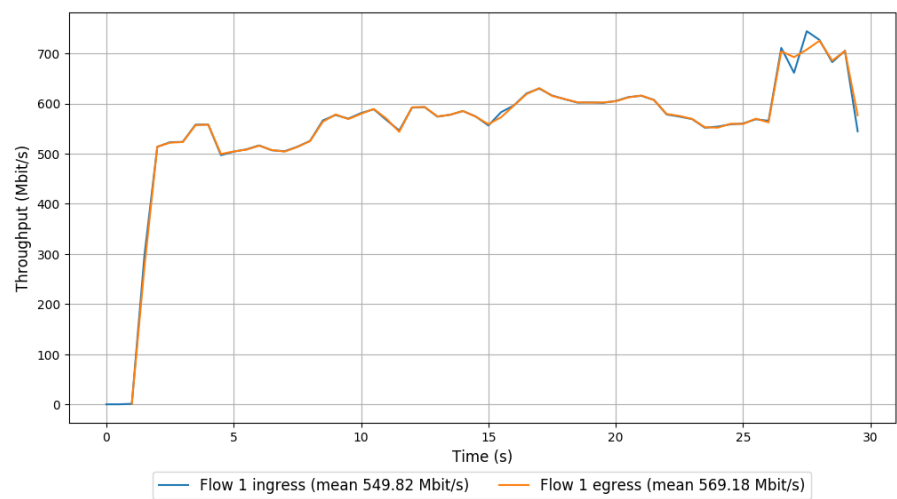
-- Flow 1:

Average throughput: 569.18 Mbit/s

95th percentile per-packet one-way delay: 22.763 ms

Loss rate: 0.05%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

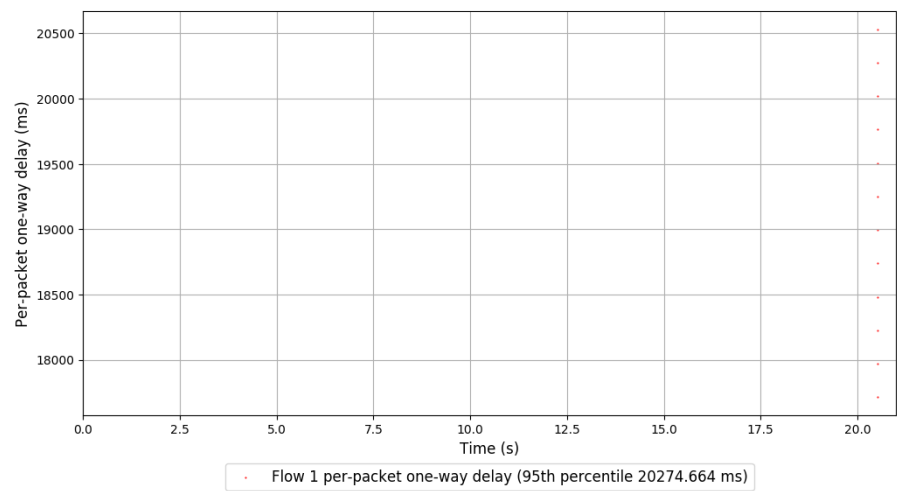
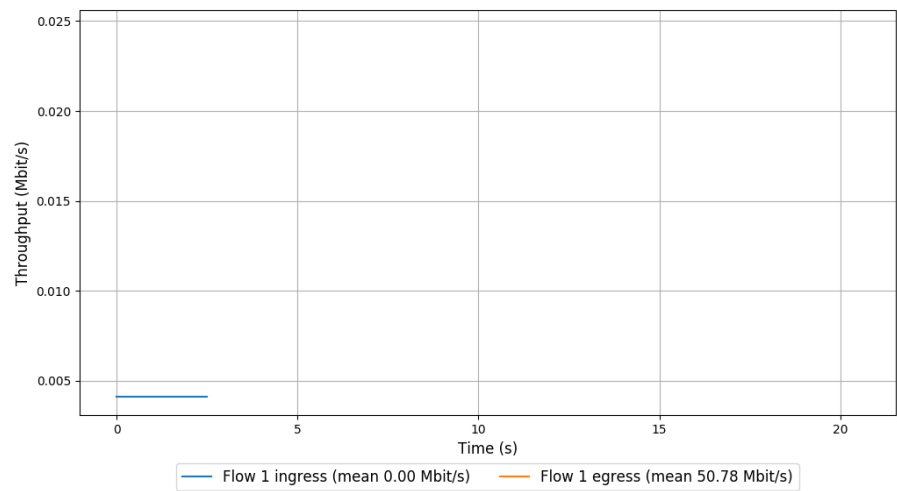
Start at: Wed, 05 Jul 2017 09:46:09 +0000

End at: Wed, 05 Jul 2017 09:46:39 +0000

Local clock offset: 0.797 ms

Remote clock offset: -2.936 ms

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

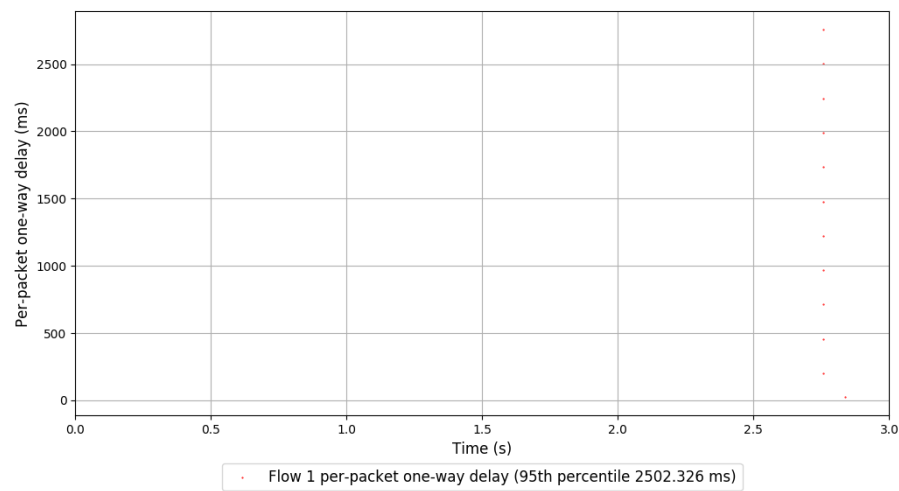
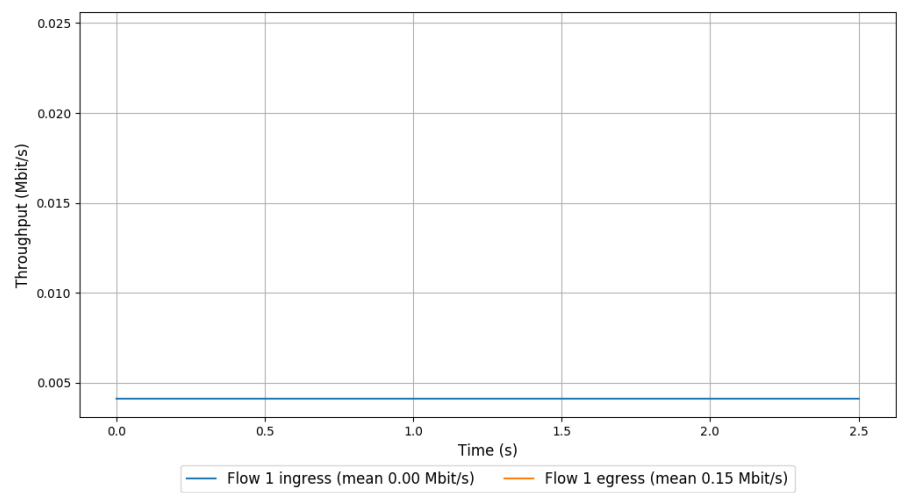
Start at: Wed, 05 Jul 2017 10:05:32 +0000

End at: Wed, 05 Jul 2017 10:06:02 +0000

Local clock offset: 0.794 ms

Remote clock offset: -2.954 ms

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Wed, 05 Jul 2017 10:24:50 +0000

End at: Wed, 05 Jul 2017 10:25:20 +0000

Local clock offset: 0.587 ms

Remote clock offset: -3.055 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:58:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 703.99 Mbit/s

95th percentile per-packet one-way delay: 23.770 ms

Loss rate: 0.19%

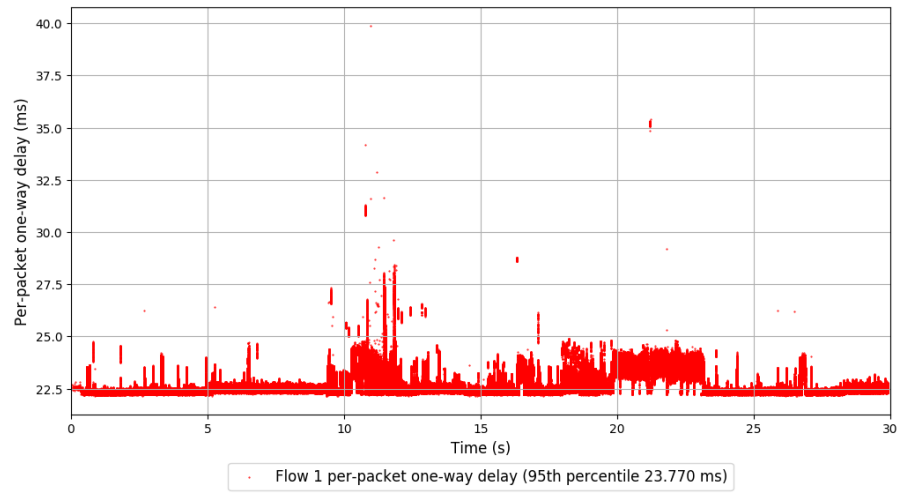
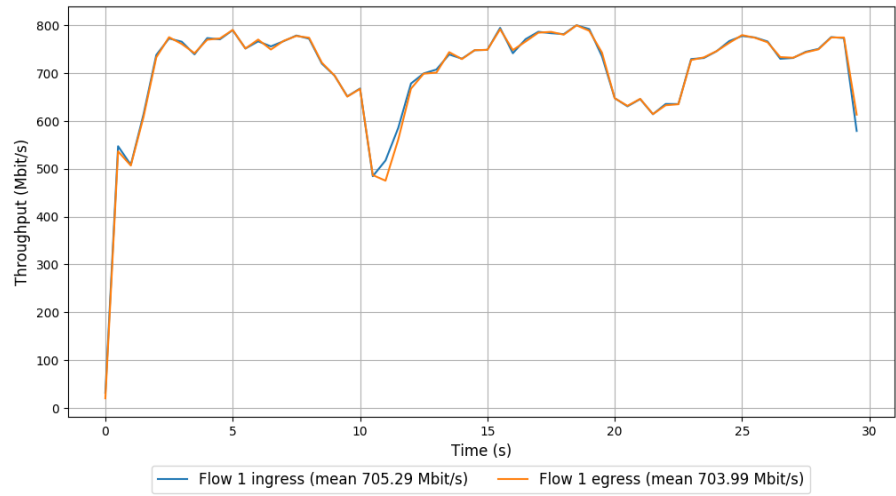
-- Flow 1:

Average throughput: 703.99 Mbit/s

95th percentile per-packet one-way delay: 23.770 ms

Loss rate: 0.19%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

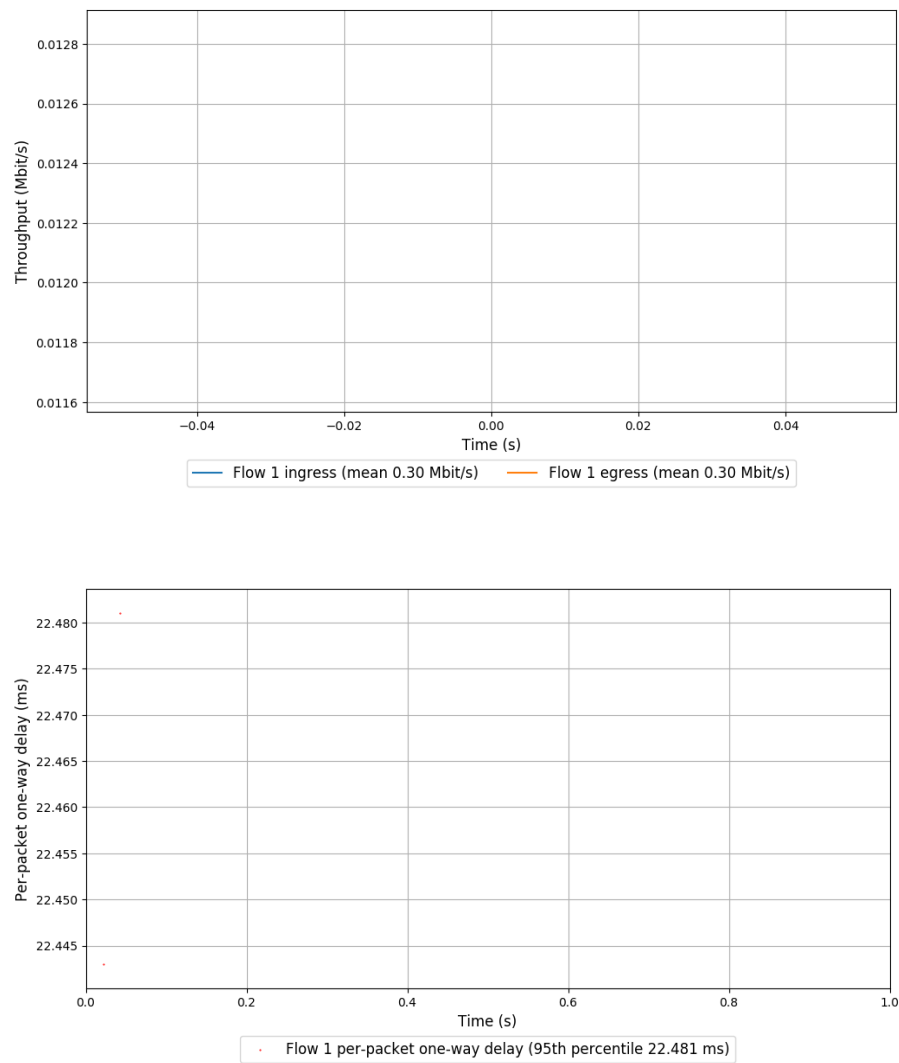
Start at: Wed, 05 Jul 2017 07:22:08 +0000

End at: Wed, 05 Jul 2017 07:22:38 +0000

Local clock offset: 0.743 ms

Remote clock offset: -2.988 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

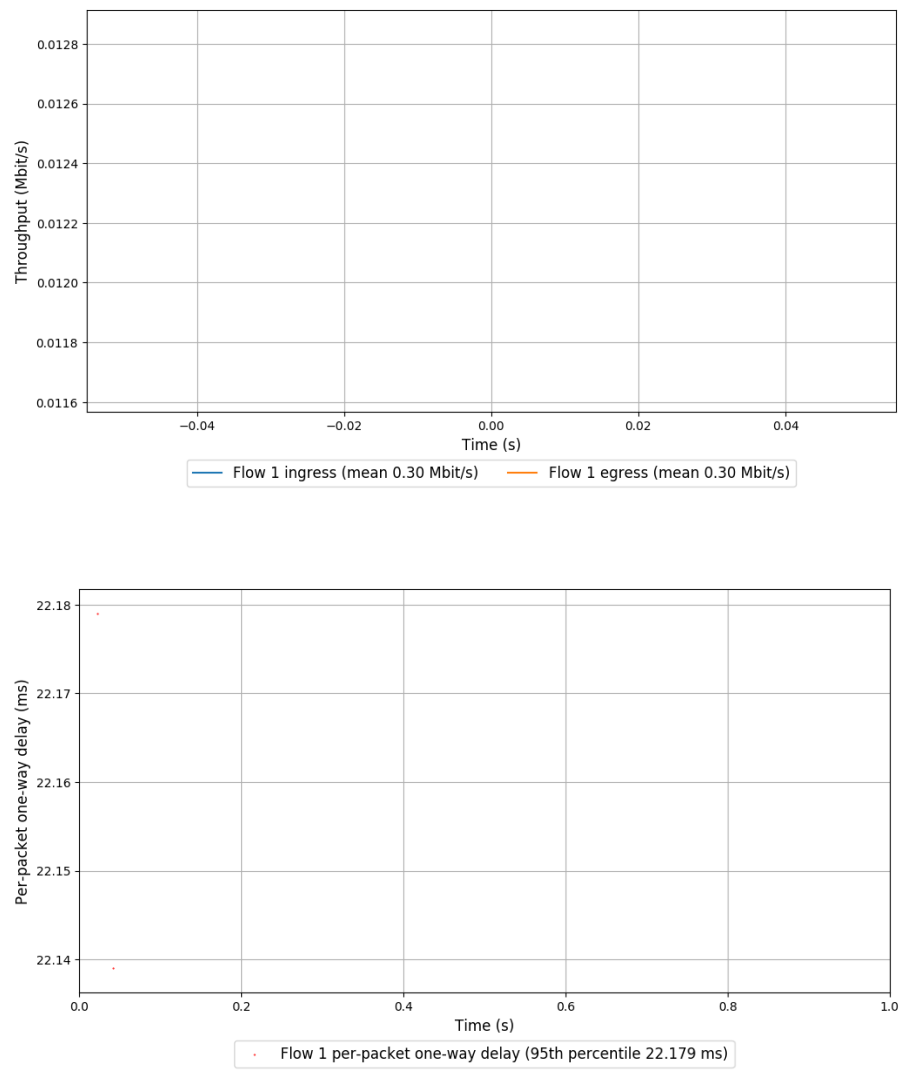
Start at: Wed, 05 Jul 2017 07:41:39 +0000

End at: Wed, 05 Jul 2017 07:42:09 +0000

Local clock offset: 0.706 ms

Remote clock offset: -2.597 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

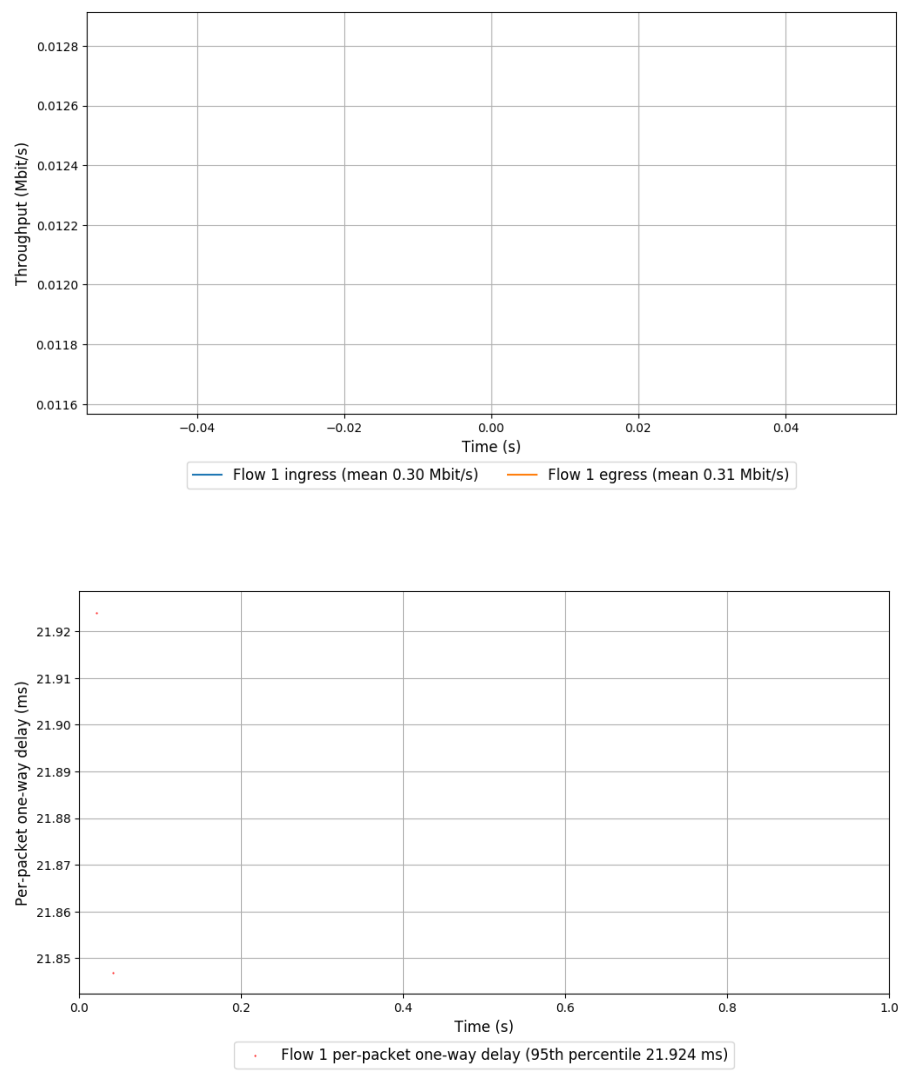
Start at: Wed, 05 Jul 2017 08:01:46 +0000

End at: Wed, 05 Jul 2017 08:02:16 +0000

Local clock offset: 0.882 ms

Remote clock offset: -2.337 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

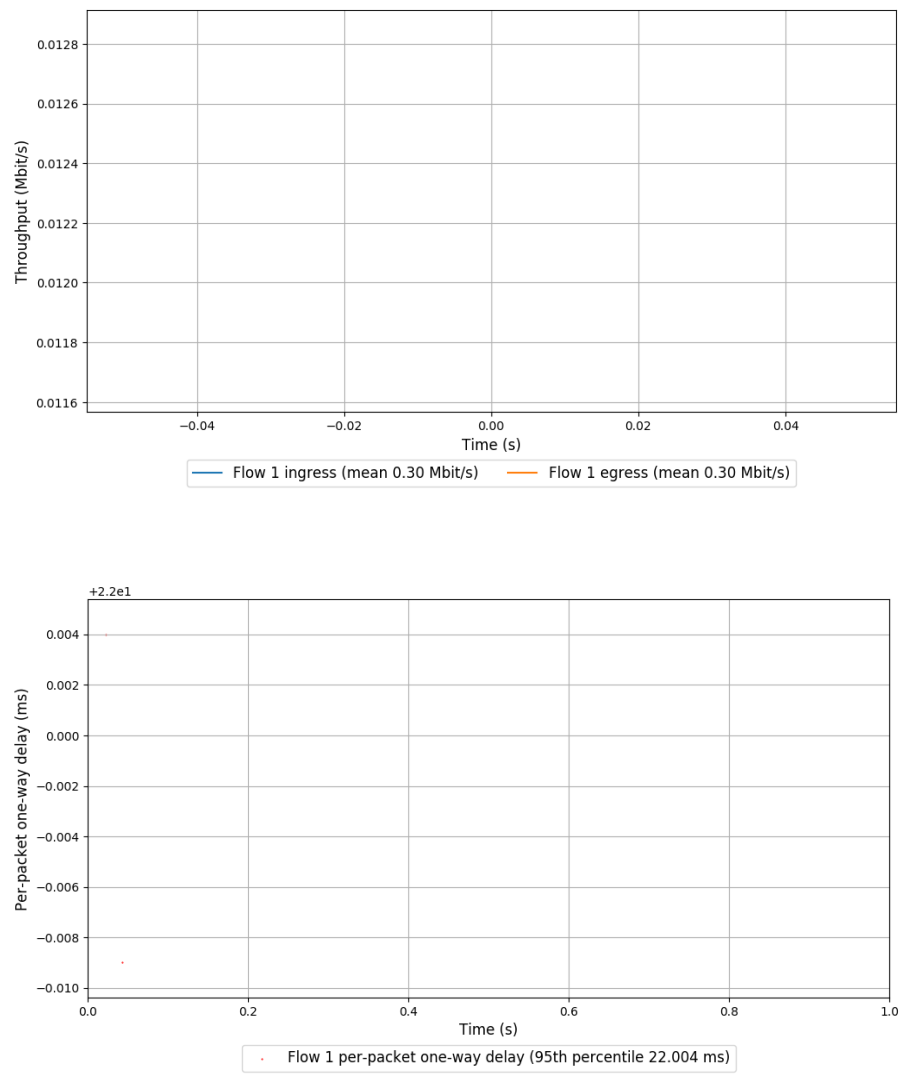
Start at: Wed, 05 Jul 2017 08:21:28 +0000

End at: Wed, 05 Jul 2017 08:21:58 +0000

Local clock offset: 0.828 ms

Remote clock offset: -2.314 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

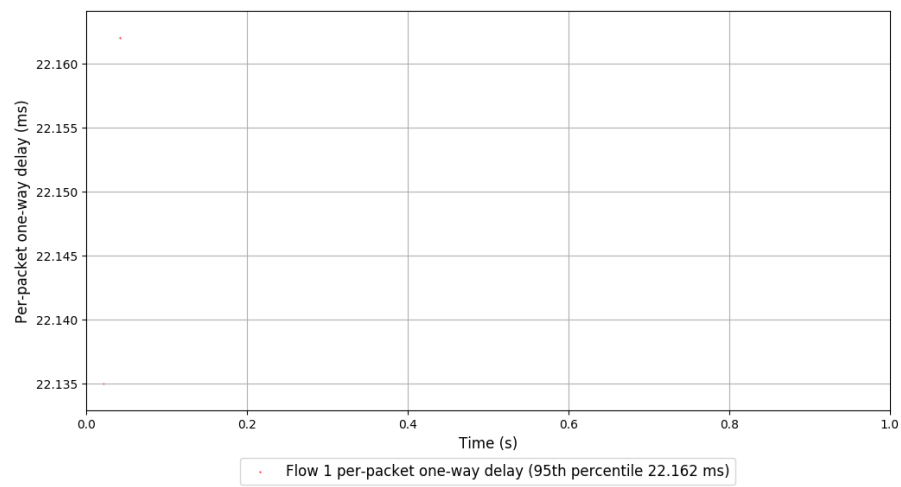
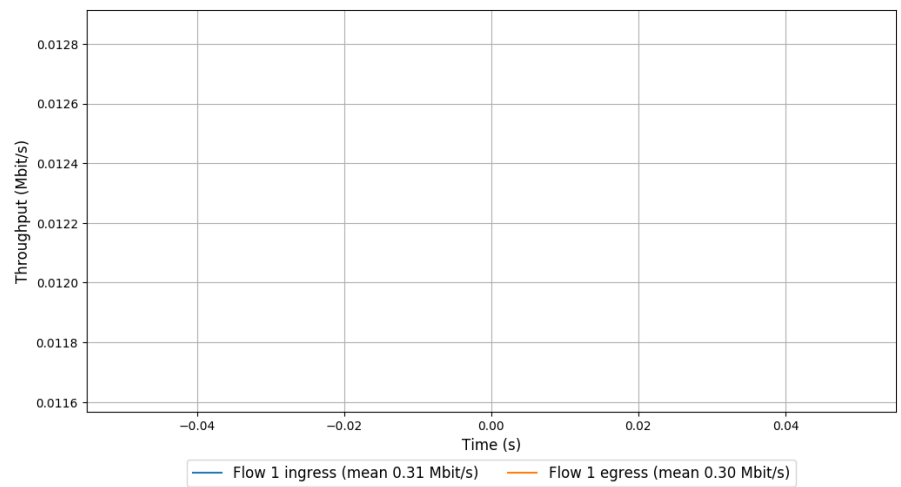
Start at: Wed, 05 Jul 2017 08:40:58 +0000

End at: Wed, 05 Jul 2017 08:41:28 +0000

Local clock offset: 0.851 ms

Remote clock offset: -2.535 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

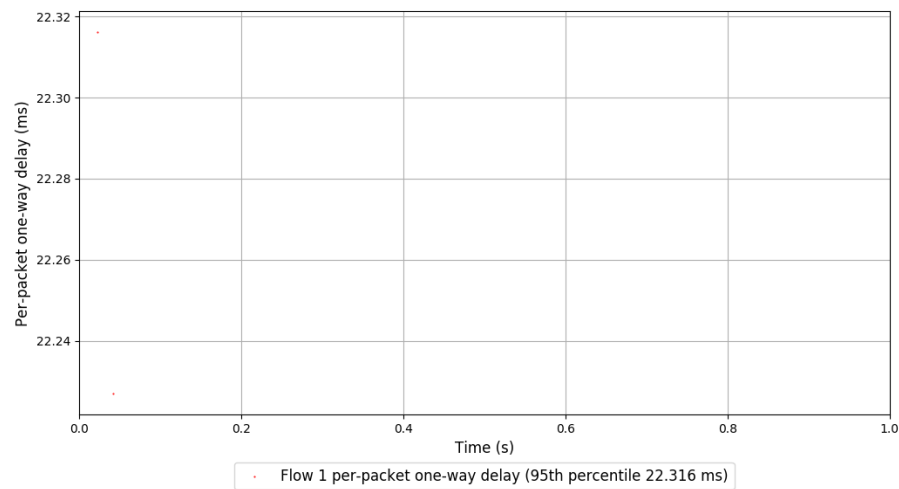
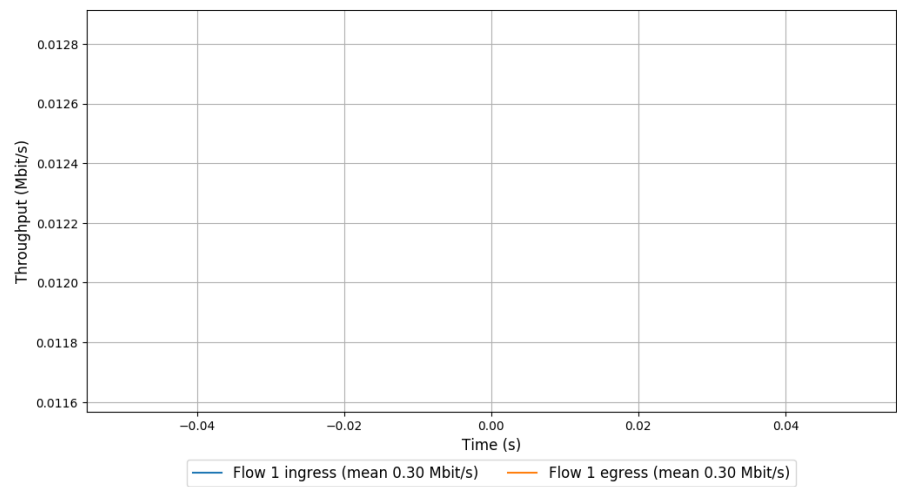
Start at: Wed, 05 Jul 2017 09:00:36 +0000

End at: Wed, 05 Jul 2017 09:01:06 +0000

Local clock offset: 0.954 ms

Remote clock offset: -2.546 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

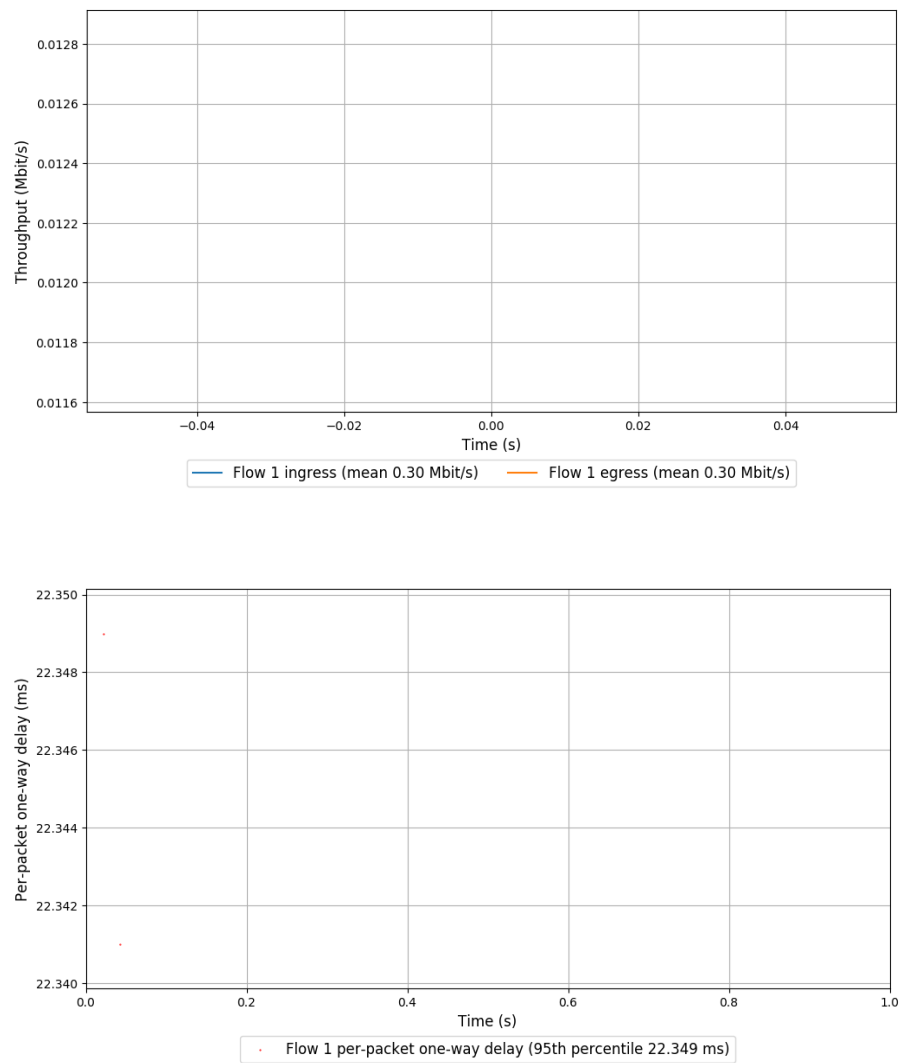
Start at: Wed, 05 Jul 2017 09:20:27 +0000

End at: Wed, 05 Jul 2017 09:20:57 +0000

Local clock offset: 0.933 ms

Remote clock offset: -2.692 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

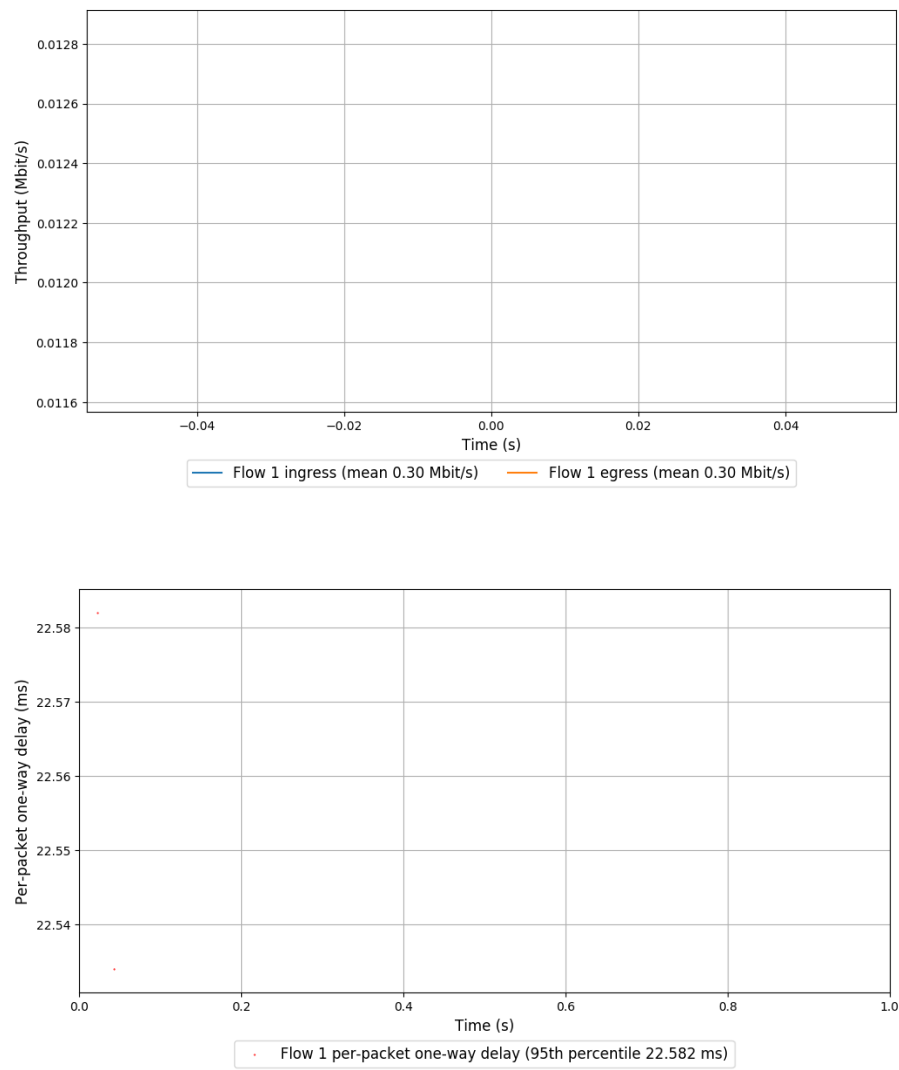
Start at: Wed, 05 Jul 2017 09:40:14 +0000

End at: Wed, 05 Jul 2017 09:40:44 +0000

Local clock offset: 0.838 ms

Remote clock offset: -3.004 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

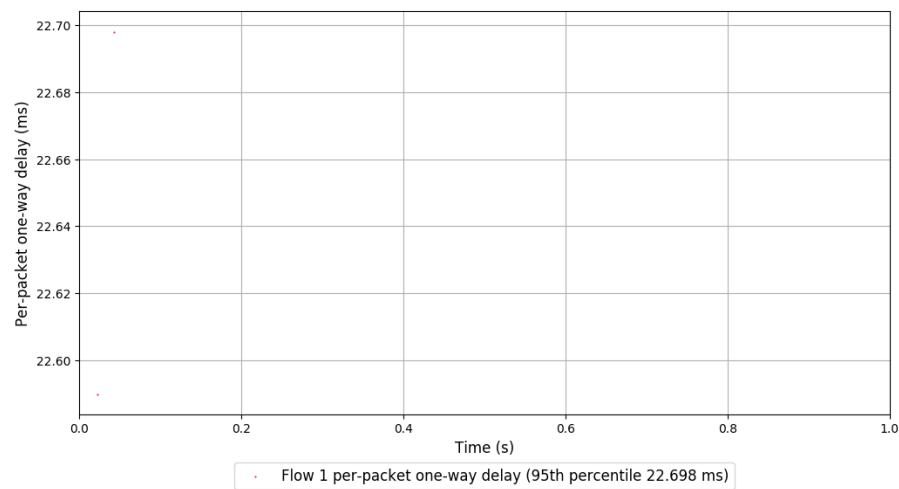
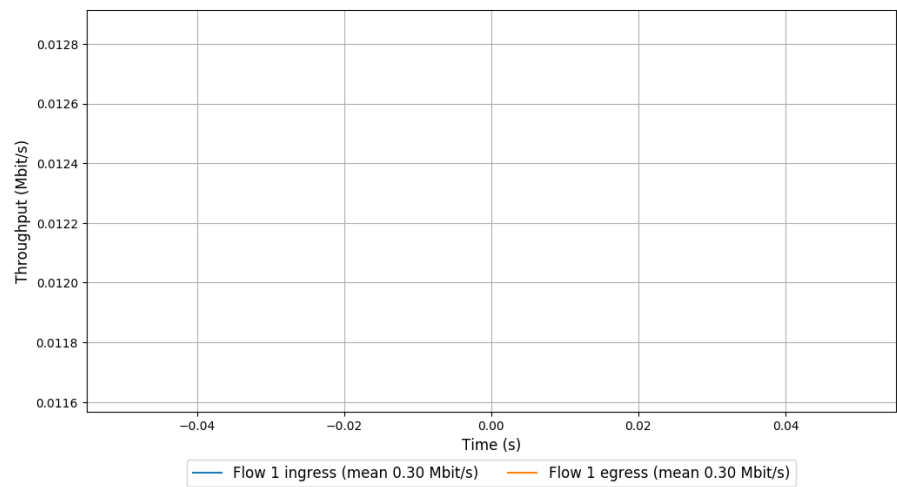
Start at: Wed, 05 Jul 2017 09:59:35 +0000

End at: Wed, 05 Jul 2017 10:00:05 +0000

Local clock offset: 0.766 ms

Remote clock offset: -3.14 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

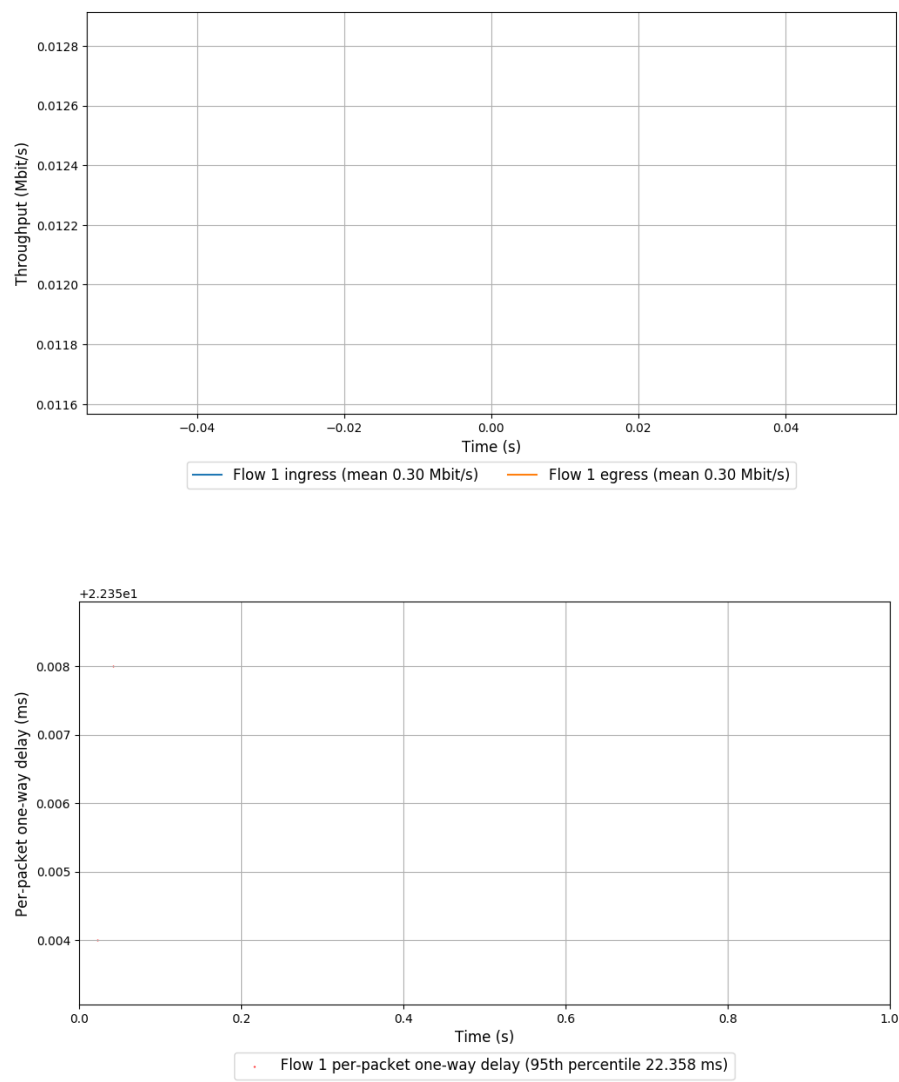
Start at: Wed, 05 Jul 2017 10:18:54 +0000

End at: Wed, 05 Jul 2017 10:19:24 +0000

Local clock offset: 0.653 ms

Remote clock offset: -3.043 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Wed, 05 Jul 2017 07:29:12 +0000

End at: Wed, 05 Jul 2017 07:29:42 +0000

Local clock offset: 0.675 ms

Remote clock offset: -2.86 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:58:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 118.40 Mbit/s

95th percentile per-packet one-way delay: 22.794 ms

Loss rate: 0.12%

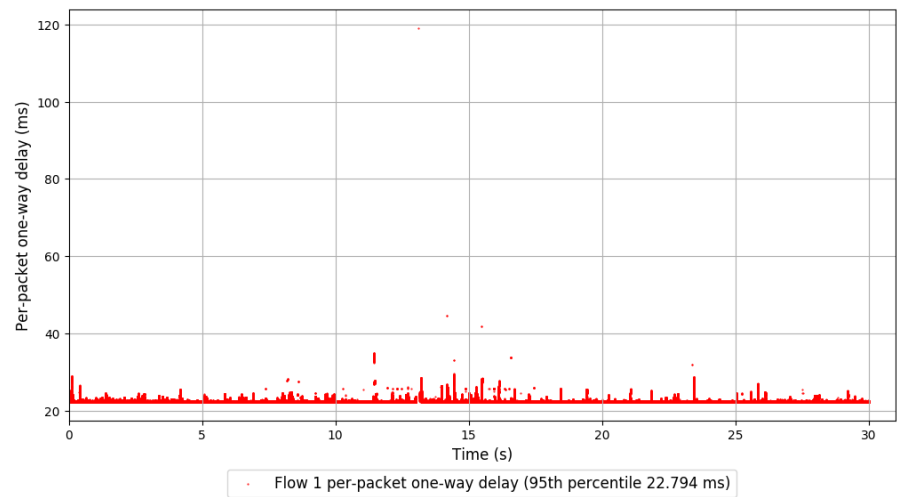
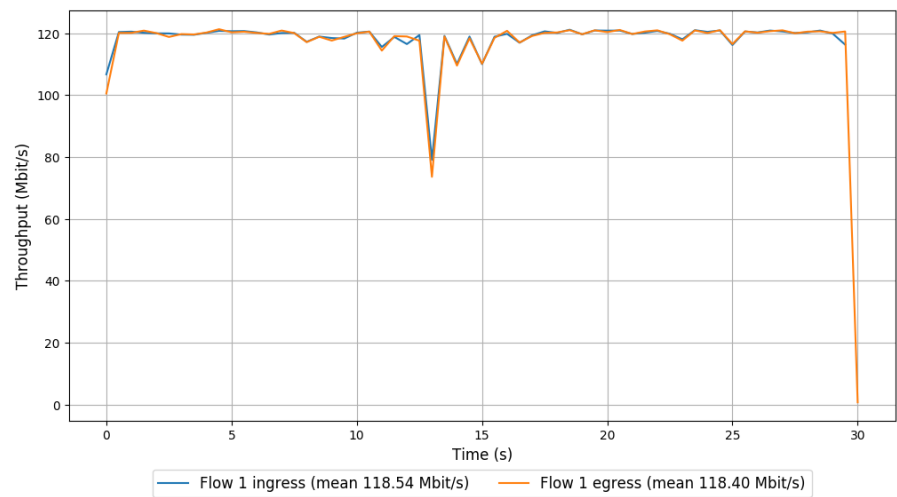
-- Flow 1:

Average throughput: 118.40 Mbit/s

95th percentile per-packet one-way delay: 22.794 ms

Loss rate: 0.12%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Wed, 05 Jul 2017 07:49:10 +0000

End at: Wed, 05 Jul 2017 07:49:40 +0000

Local clock offset: 0.845 ms

Remote clock offset: -2.523 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:58:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.23 Mbit/s

95th percentile per-packet one-way delay: 22.267 ms

Loss rate: 0.08%

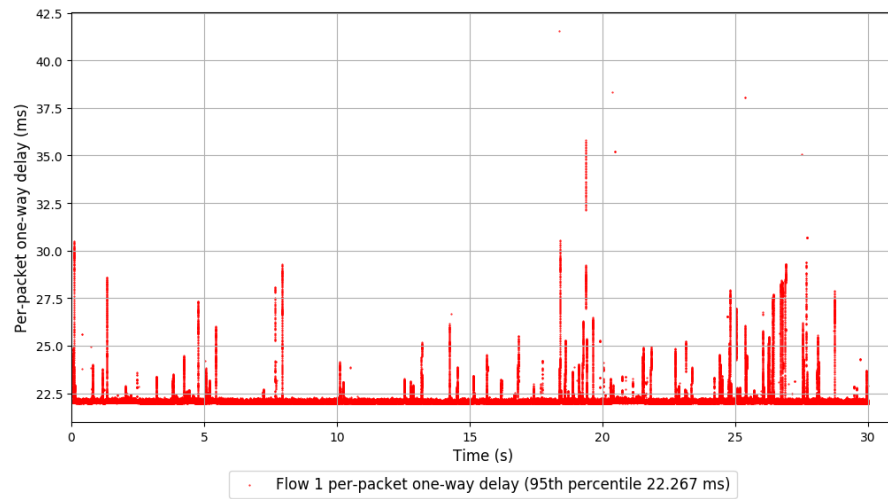
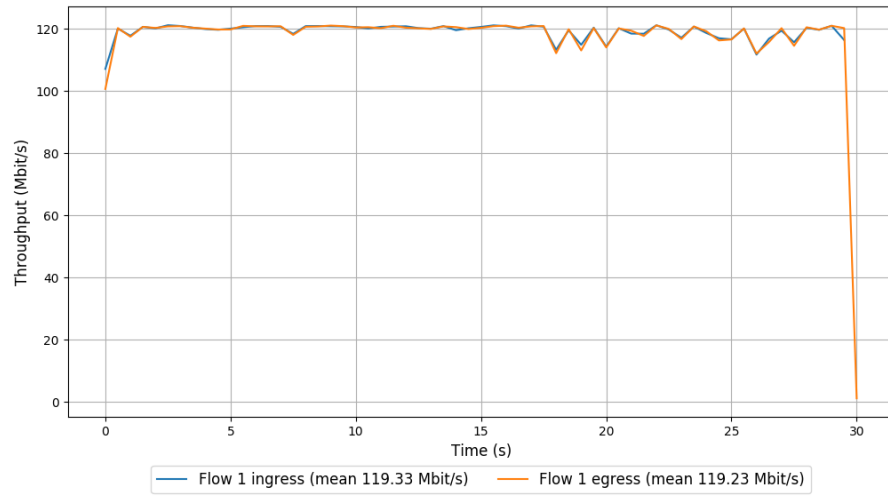
-- Flow 1:

Average throughput: 119.23 Mbit/s

95th percentile per-packet one-way delay: 22.267 ms

Loss rate: 0.08%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Wed, 05 Jul 2017 08:09:07 +0000

End at: Wed, 05 Jul 2017 08:09:38 +0000

Local clock offset: 0.8 ms

Remote clock offset: -2.361 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:58:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.25 Mbit/s

95th percentile per-packet one-way delay: 22.323 ms

Loss rate: 0.06%

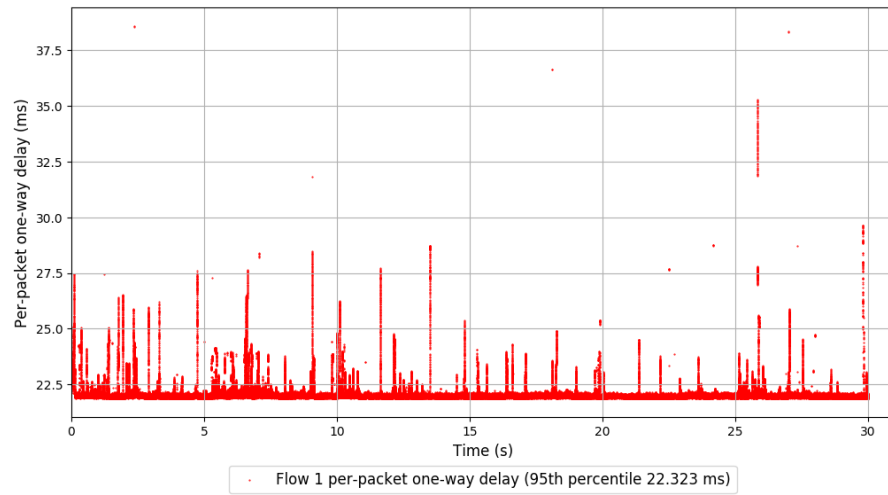
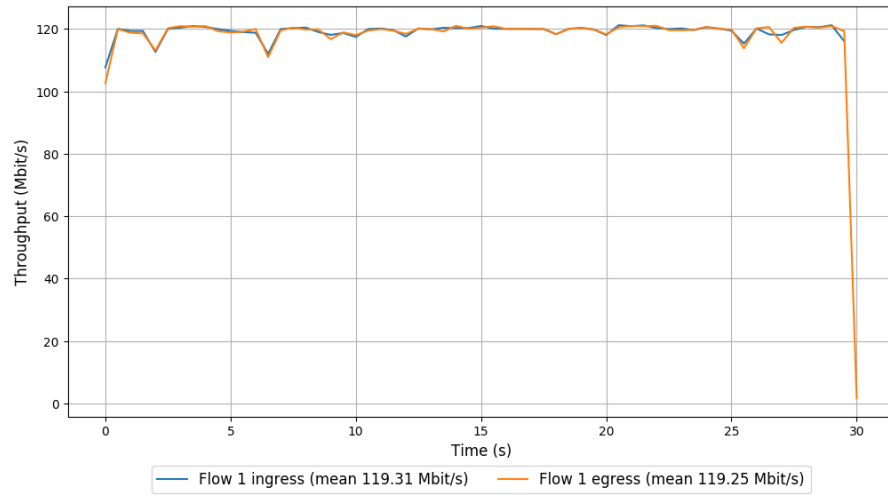
-- Flow 1:

Average throughput: 119.25 Mbit/s

95th percentile per-packet one-way delay: 22.323 ms

Loss rate: 0.06%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Wed, 05 Jul 2017 08:28:33 +0000

End at: Wed, 05 Jul 2017 08:29:04 +0000

Local clock offset: 0.903 ms

Remote clock offset: -2.504 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:59:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.64 Mbit/s

95th percentile per-packet one-way delay: 22.492 ms

Loss rate: 0.04%

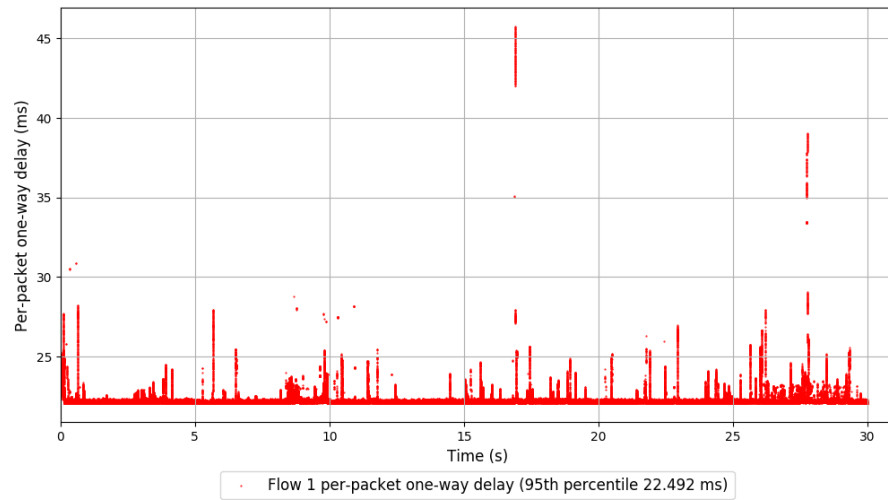
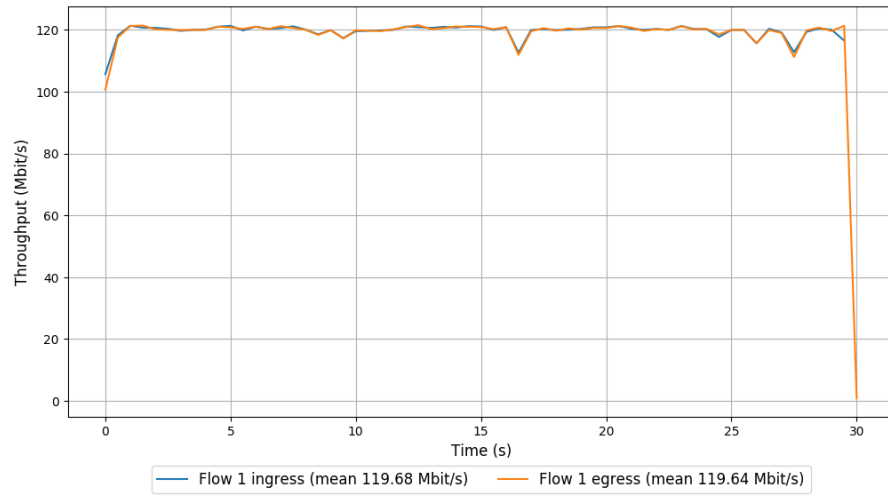
-- Flow 1:

Average throughput: 119.64 Mbit/s

95th percentile per-packet one-way delay: 22.492 ms

Loss rate: 0.04%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Wed, 05 Jul 2017 08:48:28 +0000

End at: Wed, 05 Jul 2017 08:48:58 +0000

Local clock offset: 0.947 ms

Remote clock offset: -2.391 ms

Below is generated by plot.py at Wed, 05 Jul 2017 14:59:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.82 Mbit/s

95th percentile per-packet one-way delay: 22.188 ms

Loss rate: 0.02%

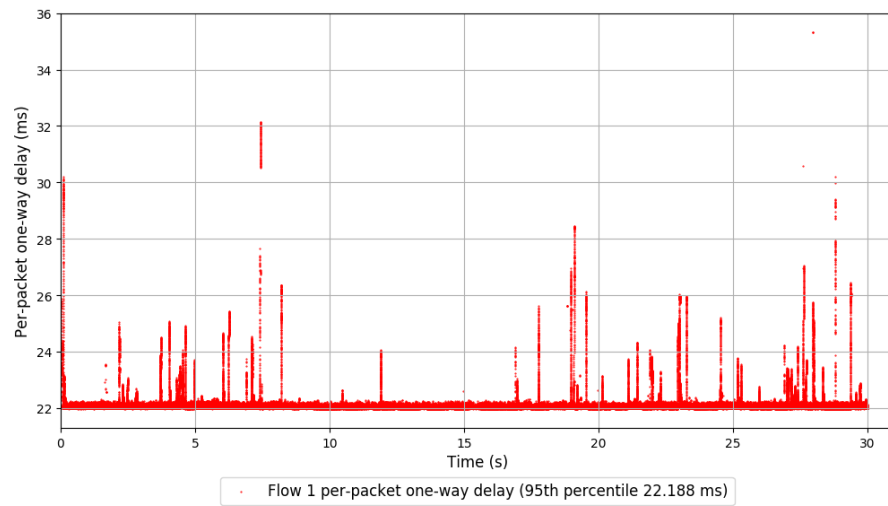
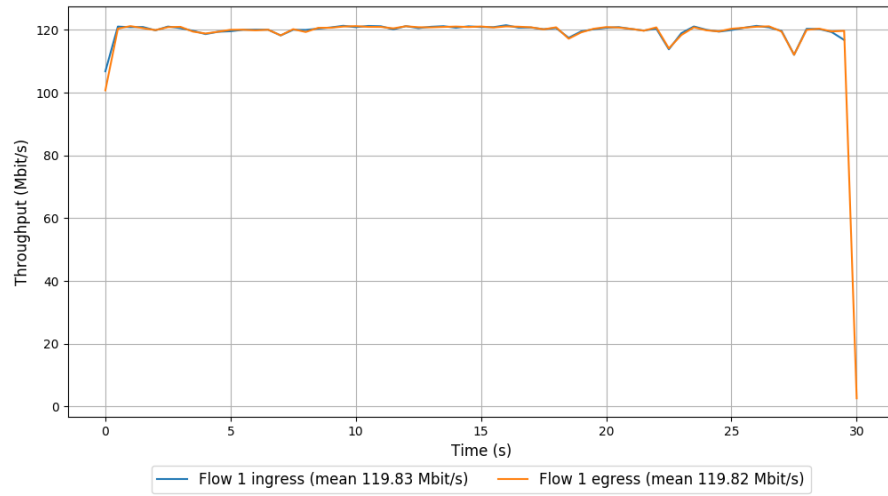
-- Flow 1:

Average throughput: 119.82 Mbit/s

95th percentile per-packet one-way delay: 22.188 ms

Loss rate: 0.02%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:08:06 +0000

End at: Wed, 05 Jul 2017 09:08:36 +0000

Local clock offset: 0.984 ms

Remote clock offset: -2.604 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:00:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.41 Mbit/s

95th percentile per-packet one-way delay: 22.937 ms

Loss rate: 0.05%

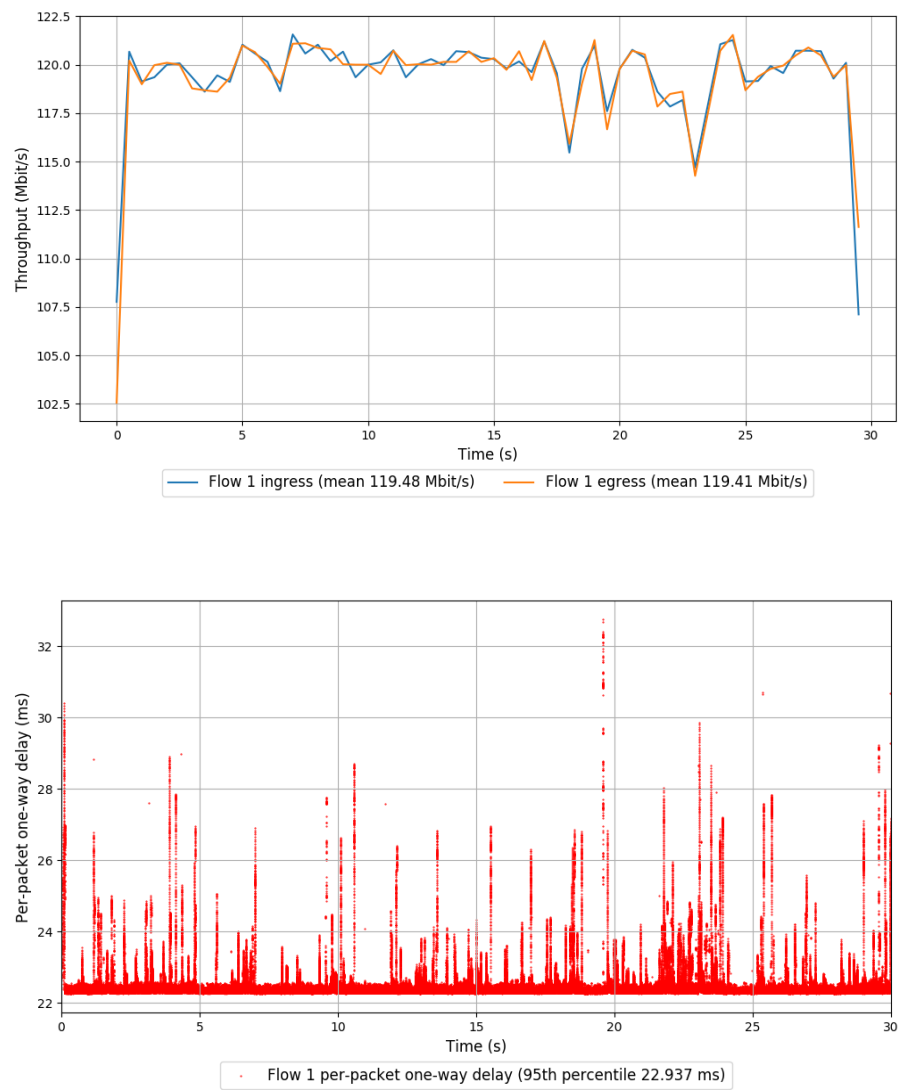
-- Flow 1:

Average throughput: 119.41 Mbit/s

95th percentile per-packet one-way delay: 22.937 ms

Loss rate: 0.05%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:27:53 +0000

End at: Wed, 05 Jul 2017 09:28:23 +0000

Local clock offset: 0.949 ms

Remote clock offset: -2.877 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:00:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.81 Mbit/s

95th percentile per-packet one-way delay: 23.001 ms

Loss rate: 0.06%

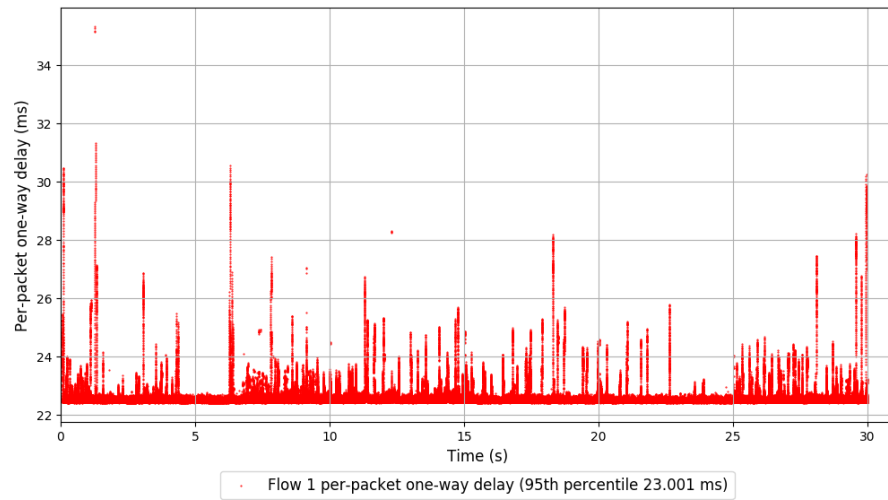
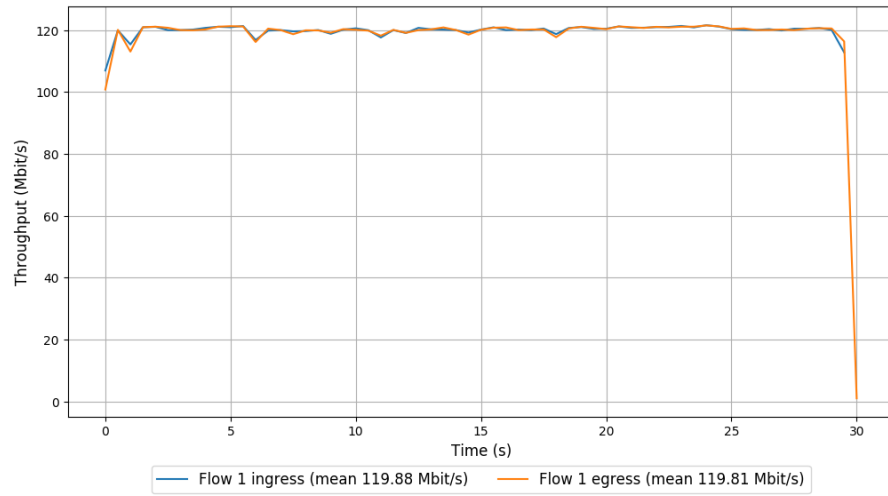
-- Flow 1:

Average throughput: 119.81 Mbit/s

95th percentile per-packet one-way delay: 23.001 ms

Loss rate: 0.06%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Wed, 05 Jul 2017 09:47:18 +0000

End at: Wed, 05 Jul 2017 09:47:48 +0000

Local clock offset: 0.688 ms

Remote clock offset: -3.03 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:01:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 118.95 Mbit/s

95th percentile per-packet one-way delay: 23.094 ms

Loss rate: 0.09%

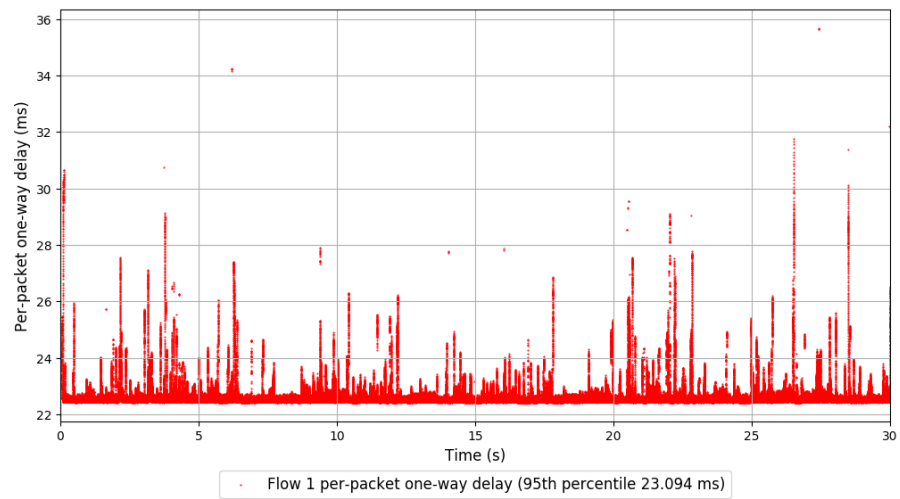
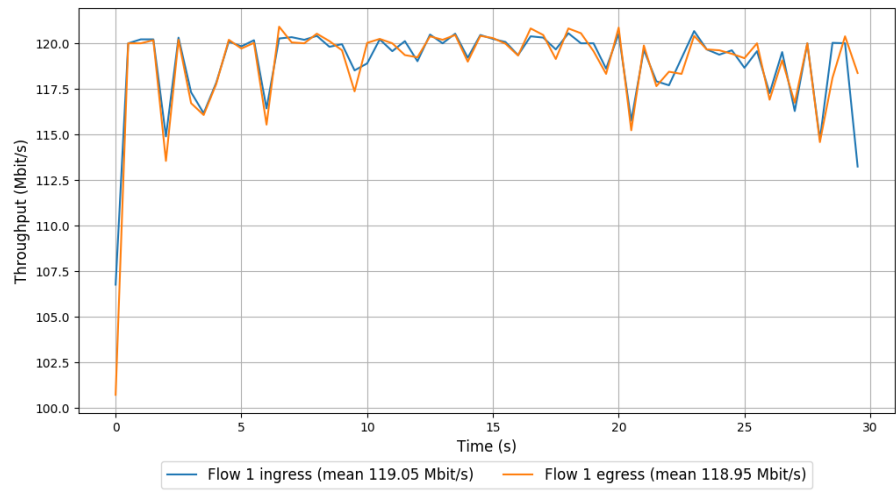
-- Flow 1:

Average throughput: 118.95 Mbit/s

95th percentile per-packet one-way delay: 23.094 ms

Loss rate: 0.09%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Wed, 05 Jul 2017 10:06:41 +0000

End at: Wed, 05 Jul 2017 10:07:11 +0000

Local clock offset: 0.77 ms

Remote clock offset: -2.922 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:01:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.29 Mbit/s

95th percentile per-packet one-way delay: 23.060 ms

Loss rate: 0.07%

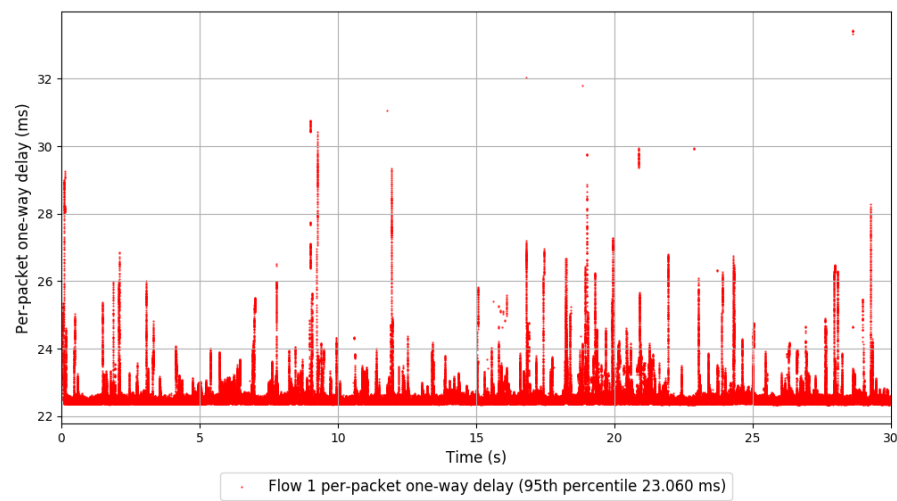
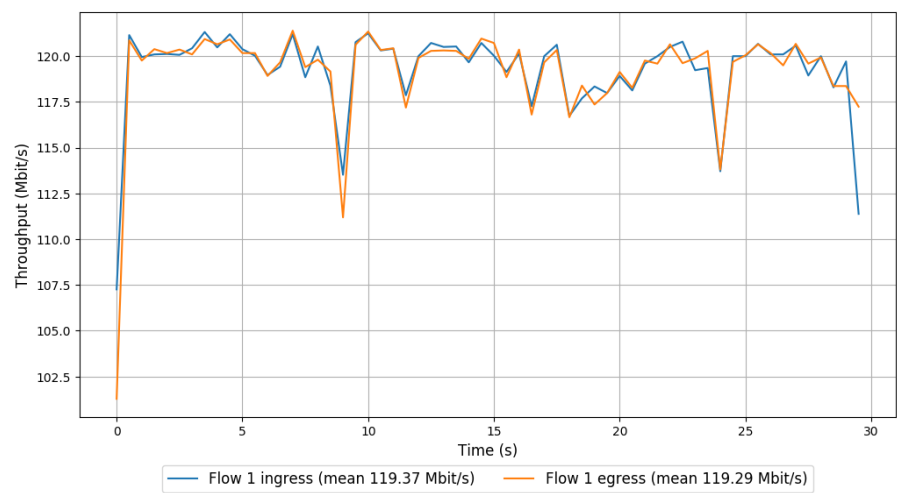
-- Flow 1:

Average throughput: 119.29 Mbit/s

95th percentile per-packet one-way delay: 23.060 ms

Loss rate: 0.07%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Wed, 05 Jul 2017 10:26:24 +0000

End at: Wed, 05 Jul 2017 10:26:54 +0000

Local clock offset: 0.579 ms

Remote clock offset: -2.998 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.06 Mbit/s

95th percentile per-packet one-way delay: 22.963 ms

Loss rate: 0.09%

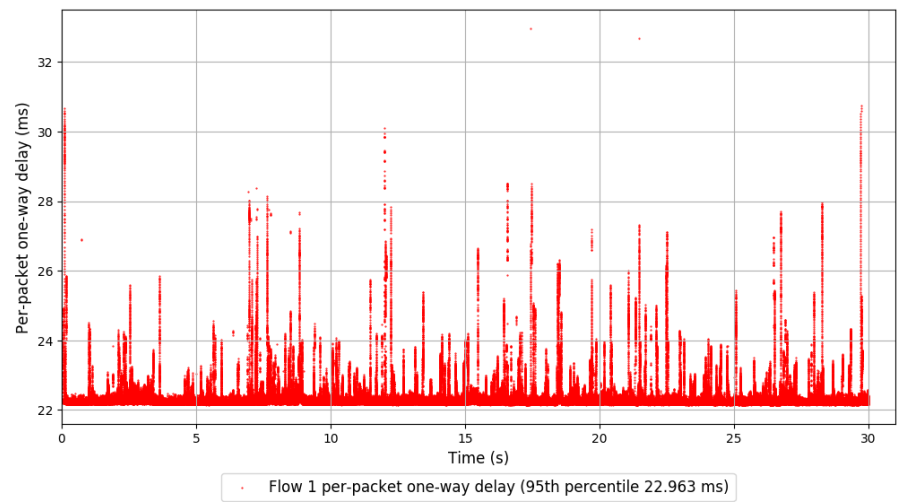
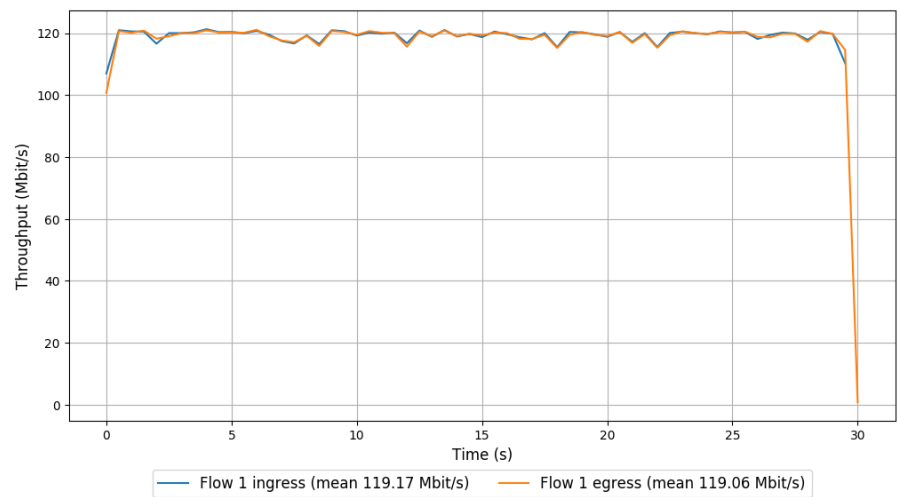
-- Flow 1:

Average throughput: 119.06 Mbit/s

95th percentile per-packet one-way delay: 22.963 ms

Loss rate: 0.09%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 07:25:37 +0000

End at: Wed, 05 Jul 2017 07:26:07 +0000

Local clock offset: 0.797 ms

Remote clock offset: -2.929 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.890 ms

Loss rate: 0.00%

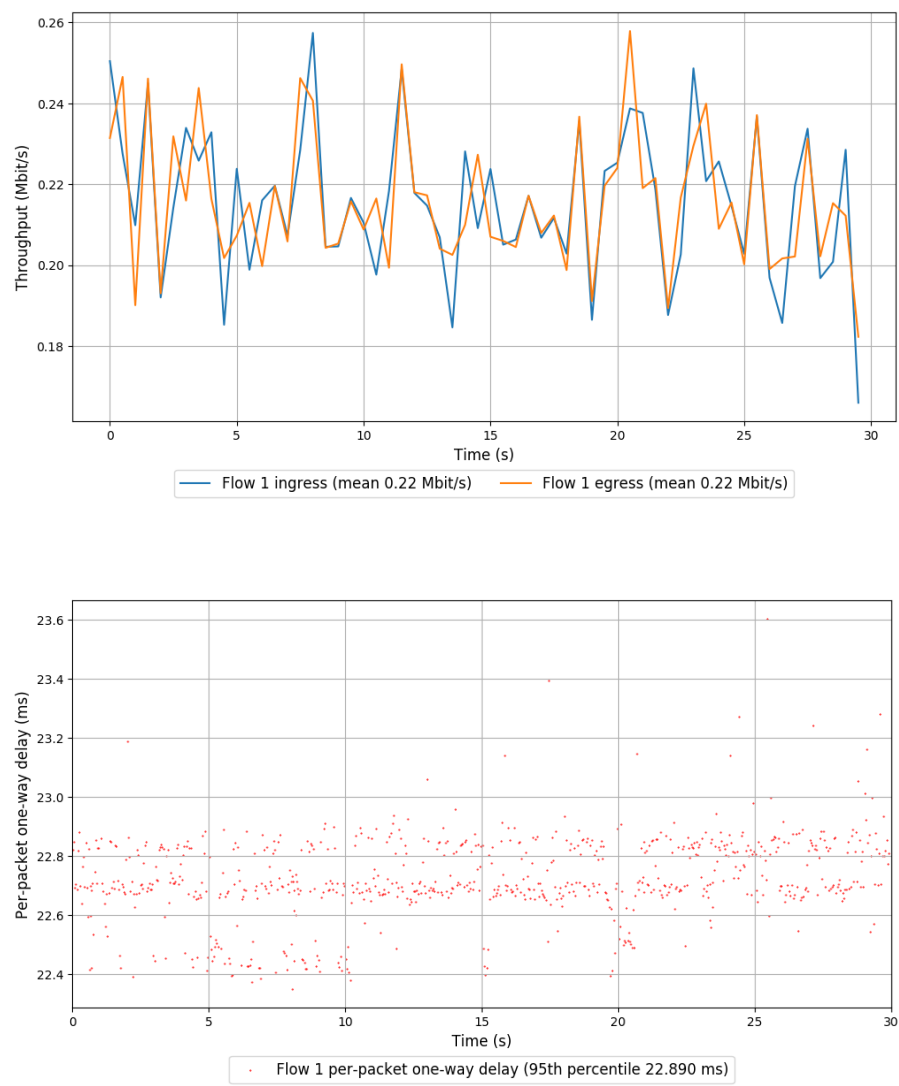
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.890 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 07:45:08 +0000

End at: Wed, 05 Jul 2017 07:45:38 +0000

Local clock offset: 0.832 ms

Remote clock offset: -2.556 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.534 ms

Loss rate: 0.00%

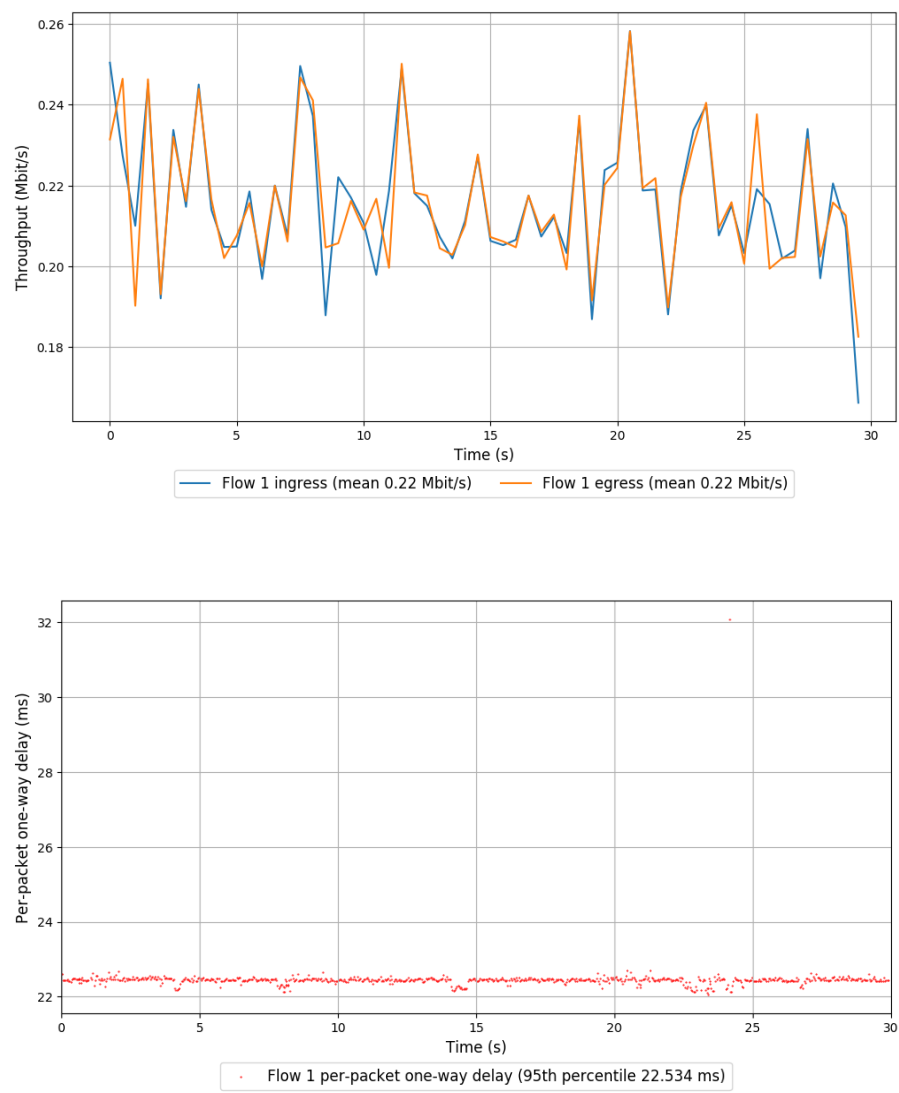
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.534 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 08:05:15 +0000

End at: Wed, 05 Jul 2017 08:05:45 +0000

Local clock offset: 0.899 ms

Remote clock offset: -2.39 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.324 ms

Loss rate: 0.00%

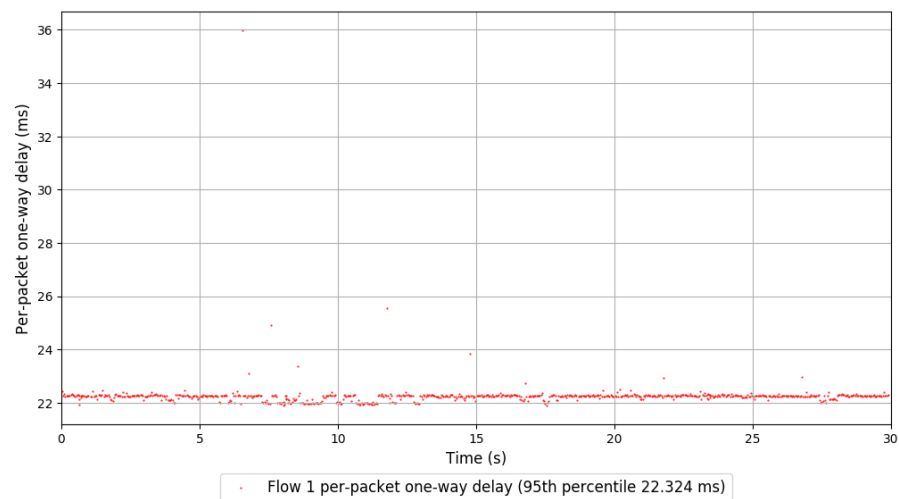
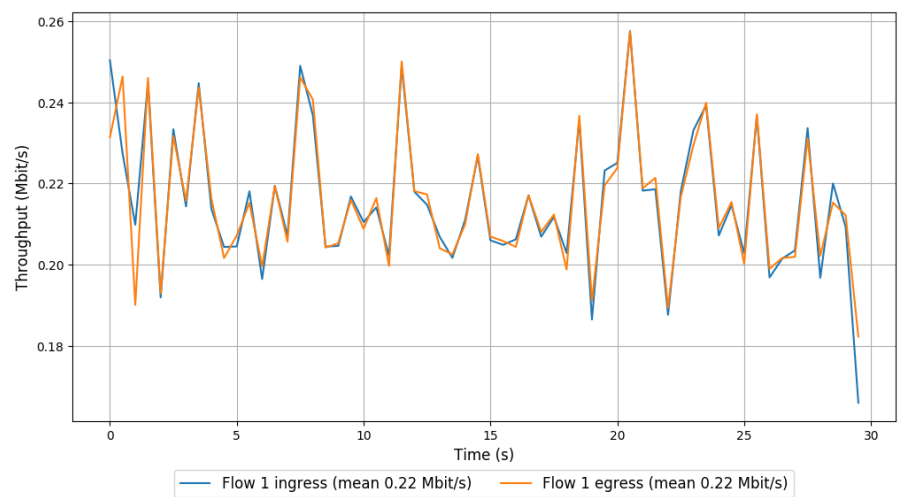
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.324 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 08:24:57 +0000

End at: Wed, 05 Jul 2017 08:25:27 +0000

Local clock offset: 0.83 ms

Remote clock offset: -2.46 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.513 ms

Loss rate: 0.00%

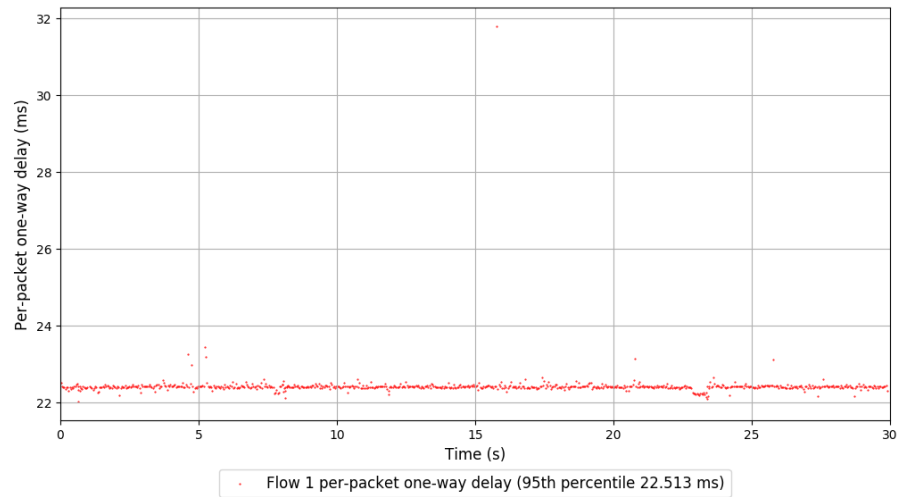
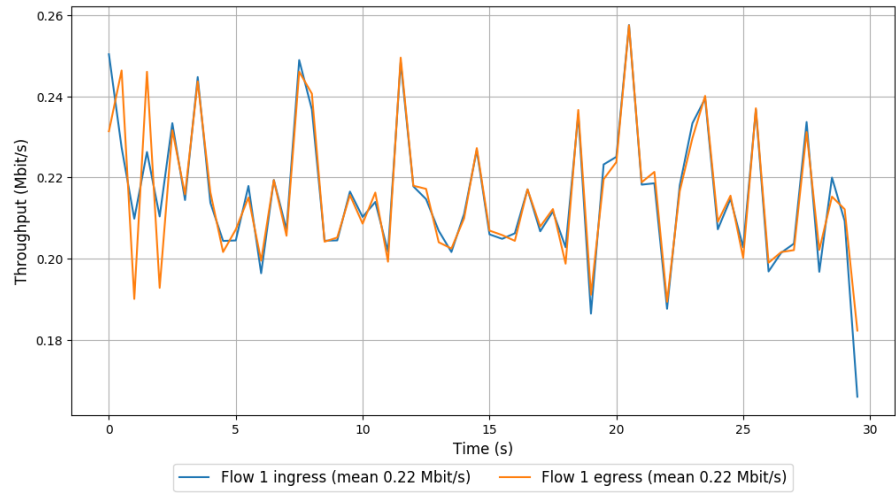
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.513 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 08:44:27 +0000

End at: Wed, 05 Jul 2017 08:44:57 +0000

Local clock offset: 0.848 ms

Remote clock offset: -2.385 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.492 ms

Loss rate: 0.00%

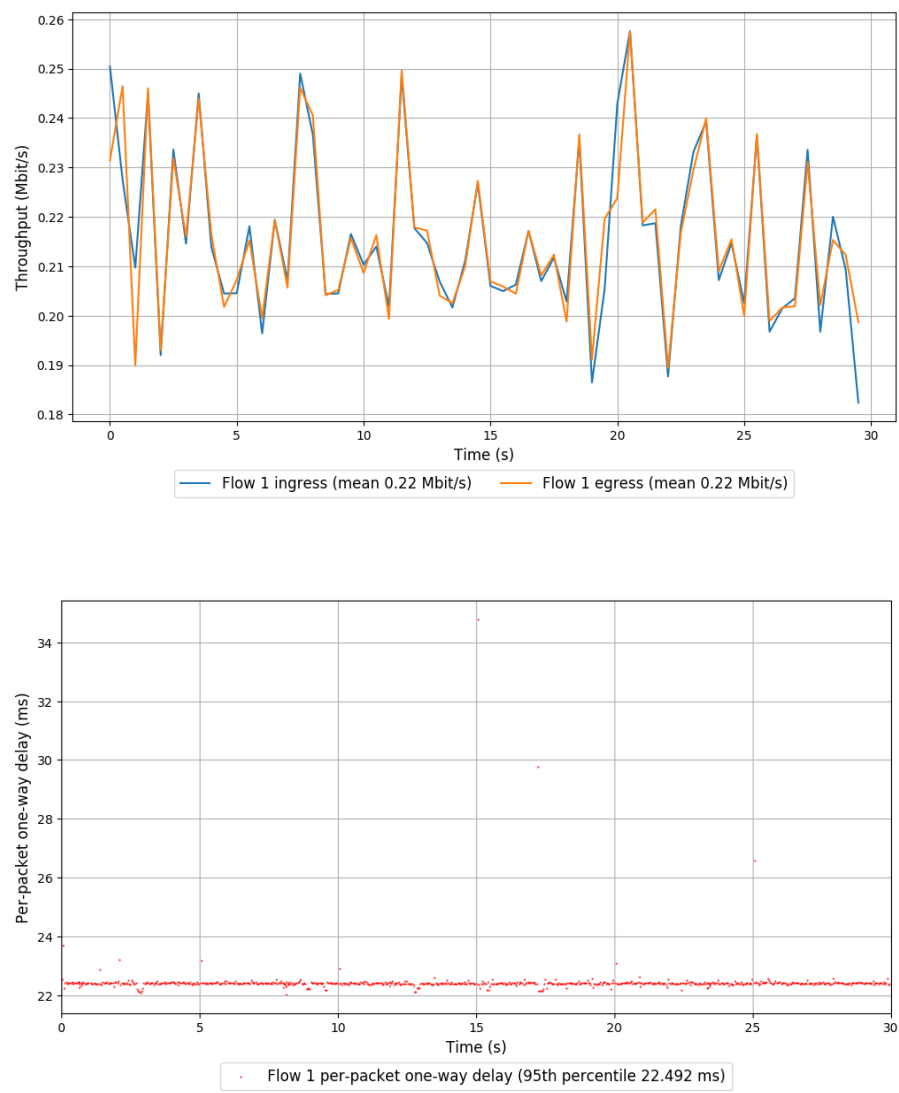
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.492 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 09:04:05 +0000

End at: Wed, 05 Jul 2017 09:04:35 +0000

Local clock offset: 0.862 ms

Remote clock offset: -2.576 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.741 ms

Loss rate: 0.00%

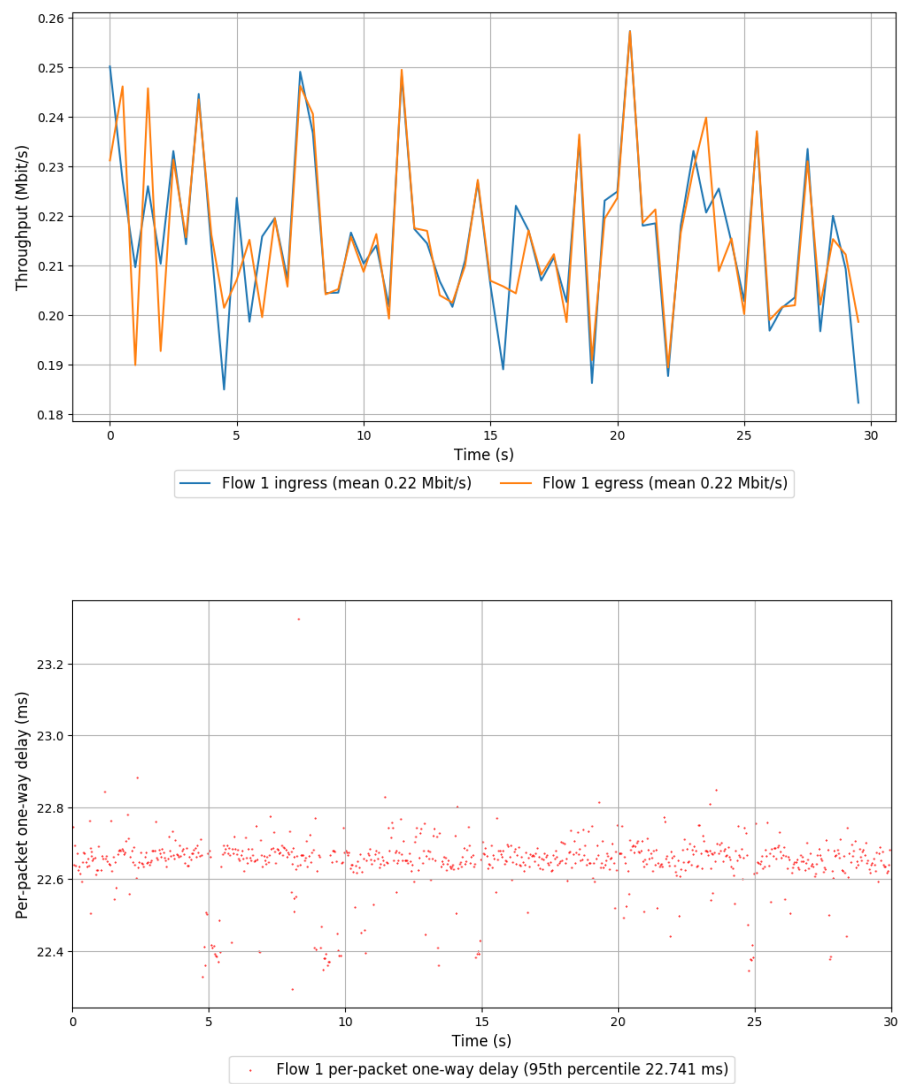
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.741 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 09:23:57 +0000

End at: Wed, 05 Jul 2017 09:24:27 +0000

Local clock offset: 0.848 ms

Remote clock offset: -2.814 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.860 ms

Loss rate: 0.00%

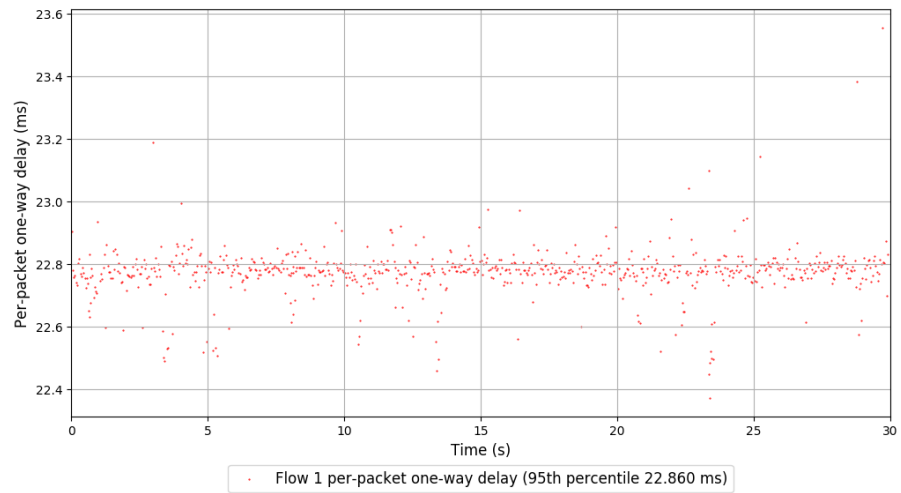
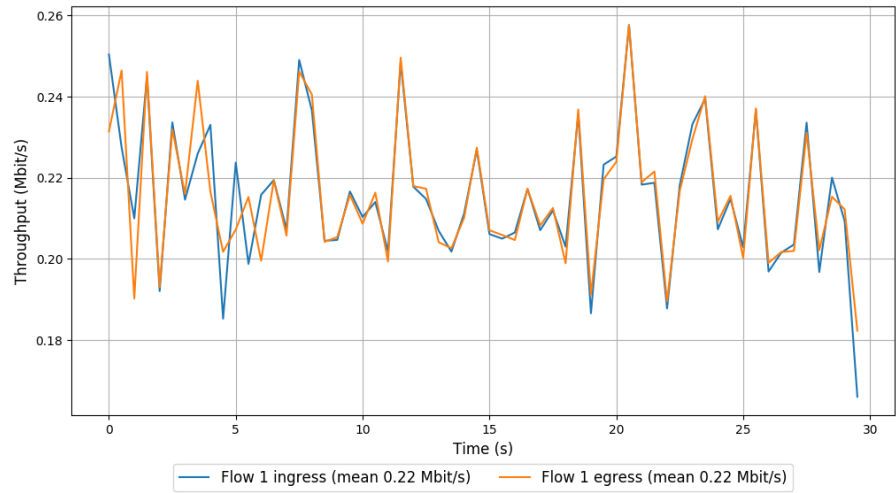
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.860 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 09:43:44 +0000

End at: Wed, 05 Jul 2017 09:44:14 +0000

Local clock offset: 0.844 ms

Remote clock offset: -3.044 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.940 ms

Loss rate: 0.00%

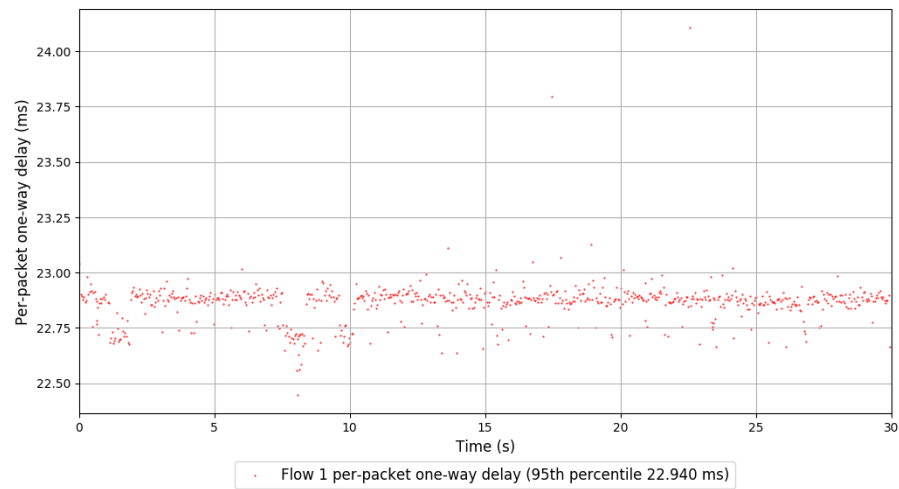
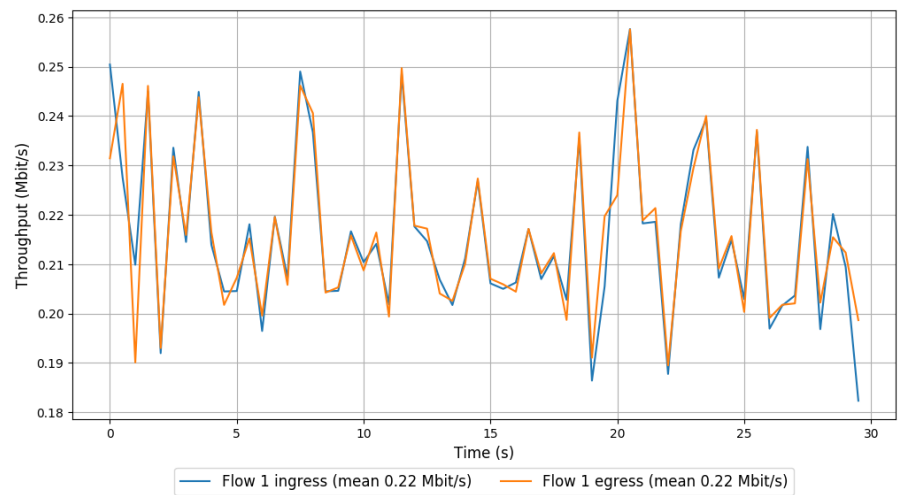
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.940 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 10:03:05 +0000

End at: Wed, 05 Jul 2017 10:03:35 +0000

Local clock offset: 0.669 ms

Remote clock offset: -3.085 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.933 ms

Loss rate: 0.00%

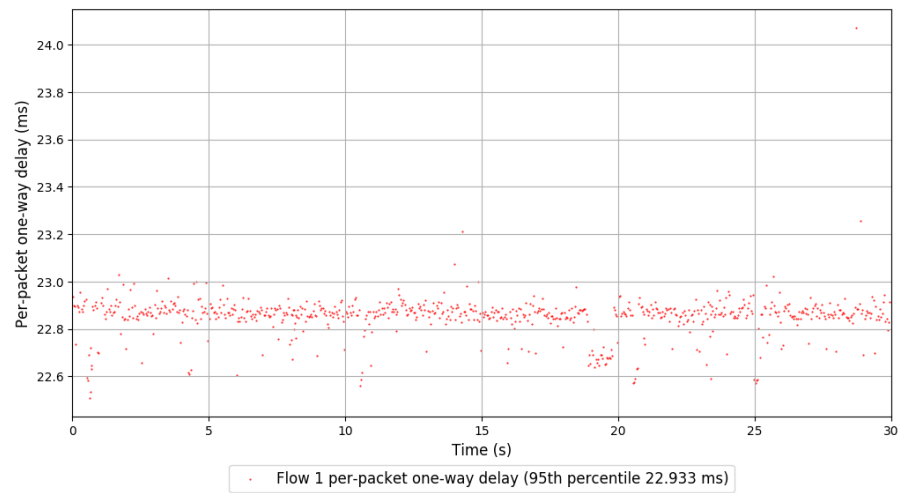
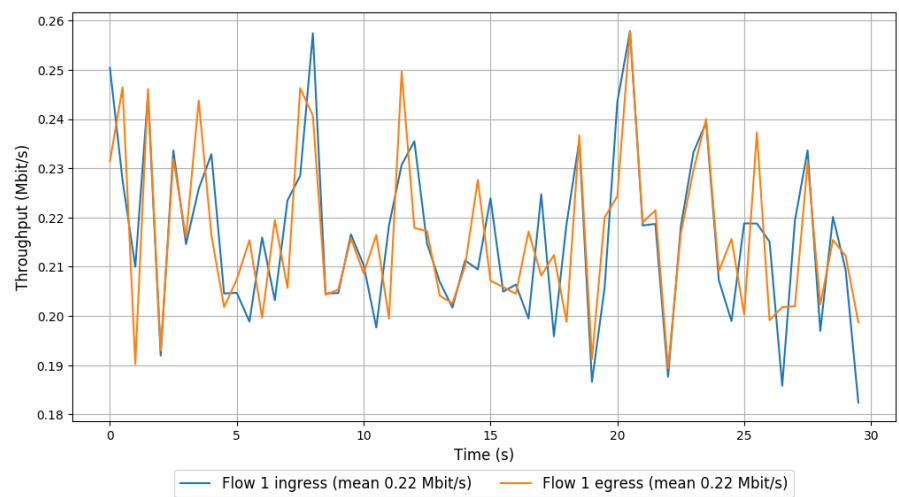
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.933 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Wed, 05 Jul 2017 10:22:24 +0000

End at: Wed, 05 Jul 2017 10:22:54 +0000

Local clock offset: 0.53 ms

Remote clock offset: -3.071 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.737 ms

Loss rate: 0.00%

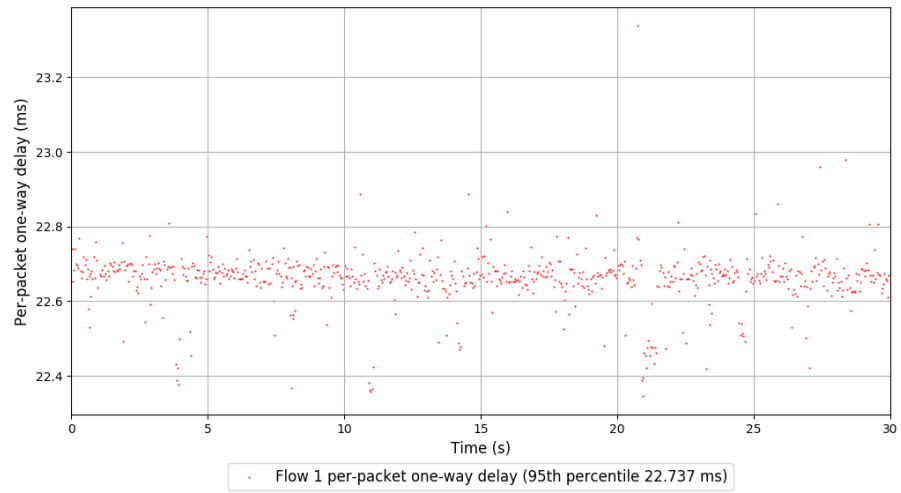
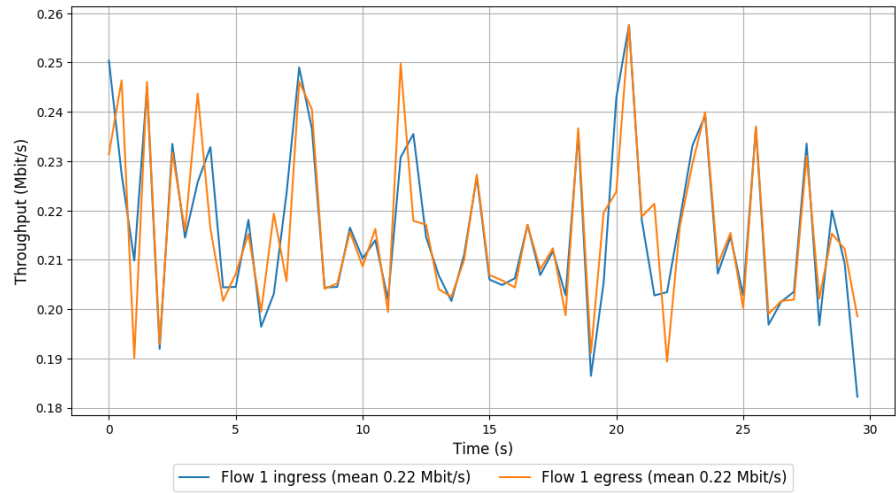
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 22.737 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Wed, 05 Jul 2017 07:24:27 +0000

End at: Wed, 05 Jul 2017 07:24:57 +0000

Local clock offset: 0.678 ms

Remote clock offset: -2.964 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 24.540 ms

Loss rate: 0.00%

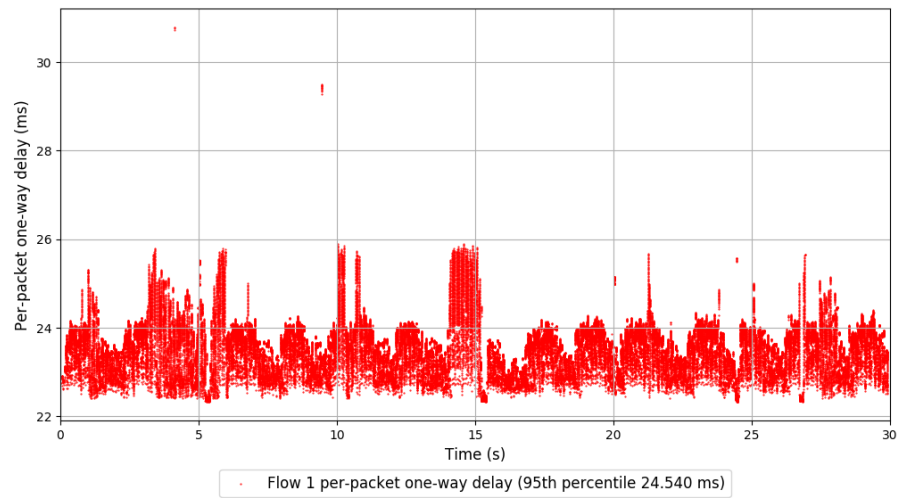
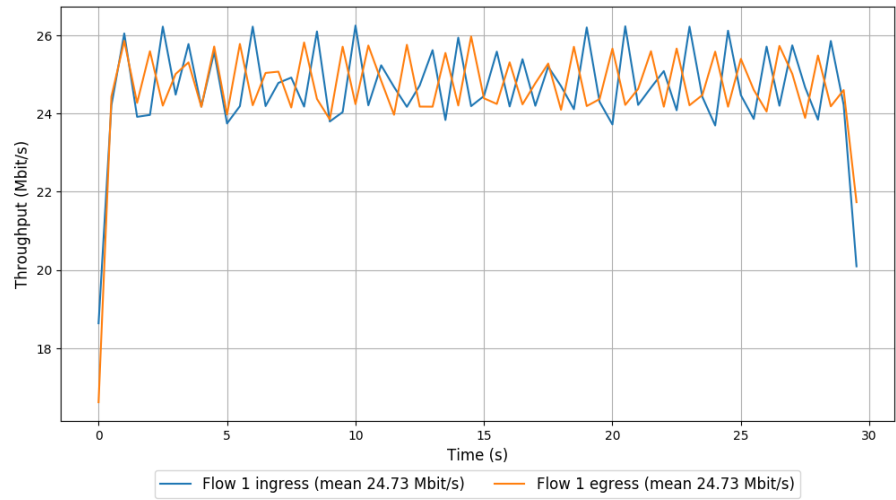
-- Flow 1:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 24.540 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Wed, 05 Jul 2017 07:43:58 +0000

End at: Wed, 05 Jul 2017 07:44:28 +0000

Local clock offset: 0.817 ms

Remote clock offset: -2.633 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 24.616 ms

Loss rate: 0.00%

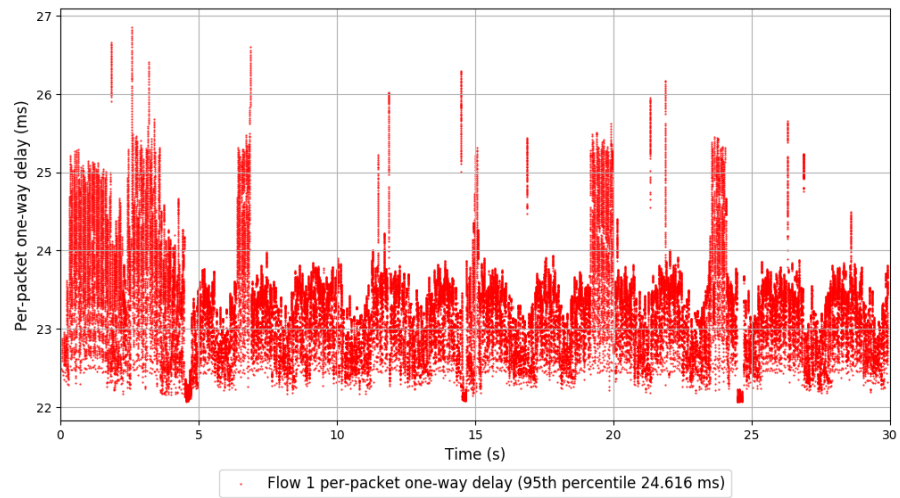
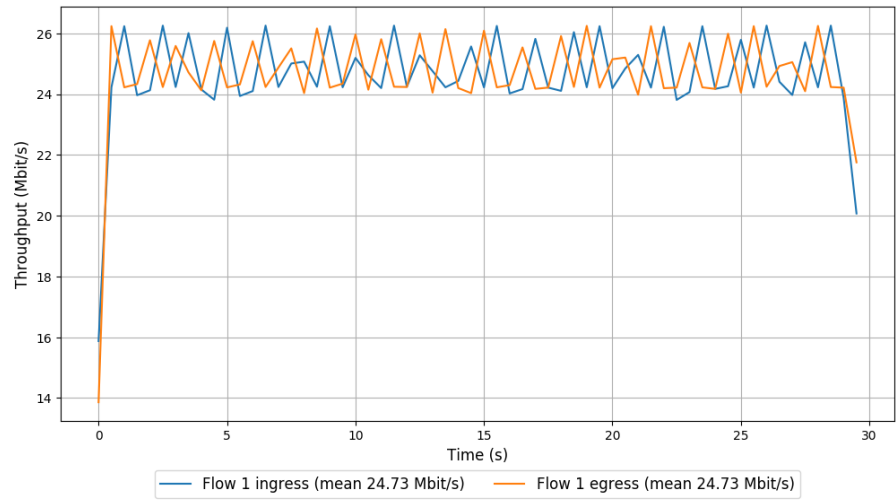
-- Flow 1:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 24.616 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Wed, 05 Jul 2017 08:04:05 +0000

End at: Wed, 05 Jul 2017 08:04:35 +0000

Local clock offset: 0.872 ms

Remote clock offset: -2.25 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 23.768 ms

Loss rate: 0.00%

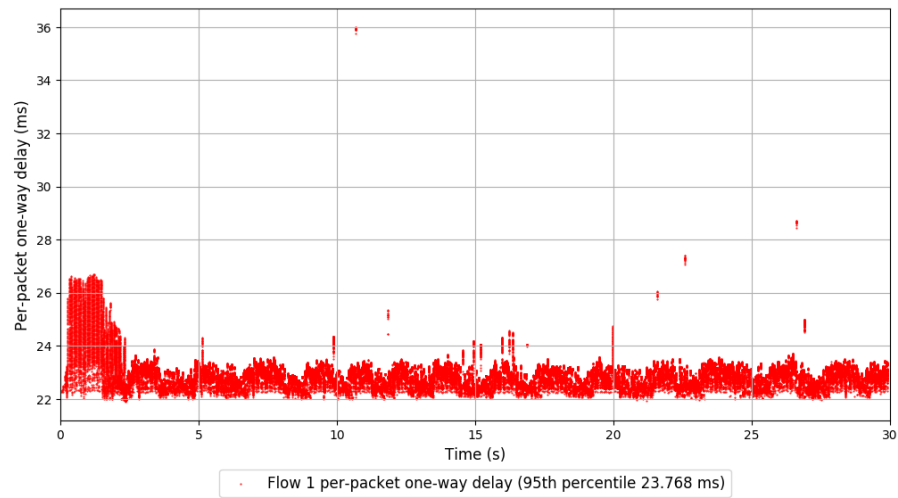
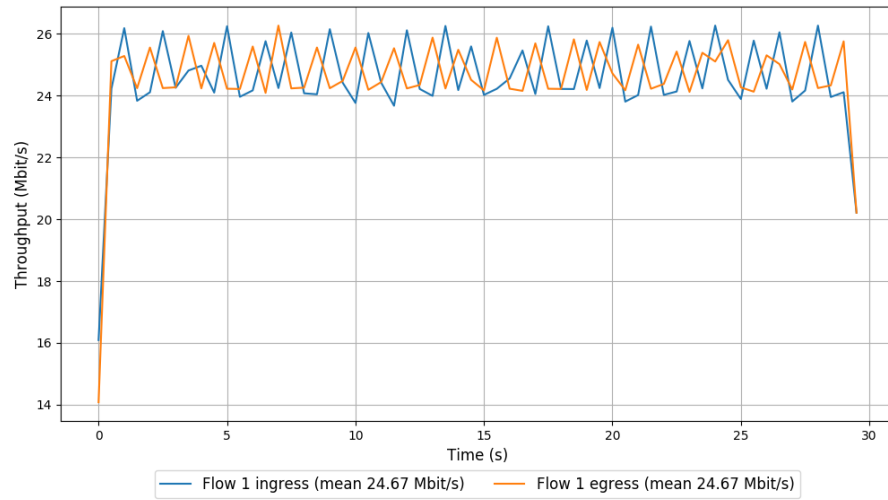
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 23.768 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Wed, 05 Jul 2017 08:23:47 +0000

End at: Wed, 05 Jul 2017 08:24:17 +0000

Local clock offset: 0.957 ms

Remote clock offset: -2.365 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 24.633 ms

Loss rate: 0.00%

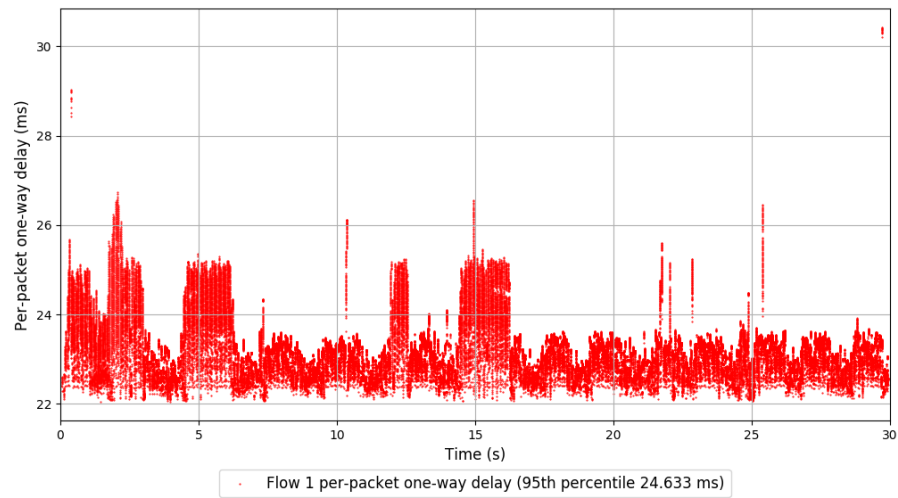
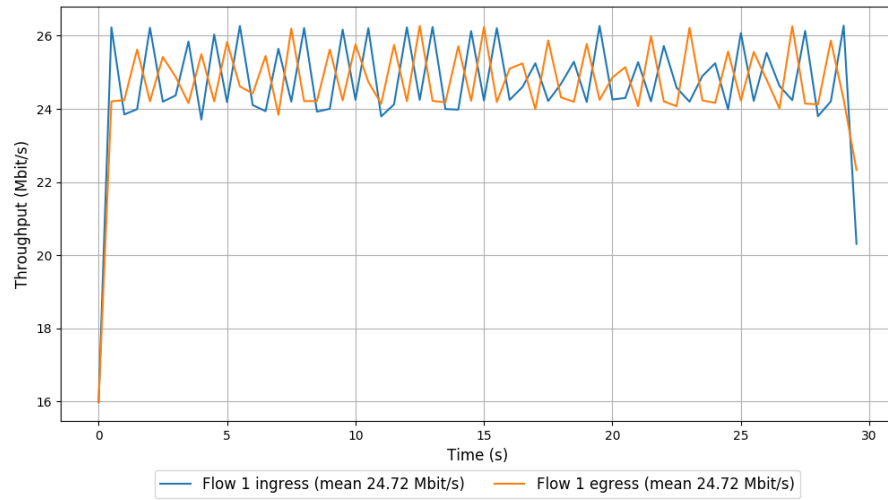
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 24.633 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Wed, 05 Jul 2017 08:43:17 +0000

End at: Wed, 05 Jul 2017 08:43:47 +0000

Local clock offset: 0.936 ms

Remote clock offset: -2.502 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:02:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 23.625 ms

Loss rate: 0.00%

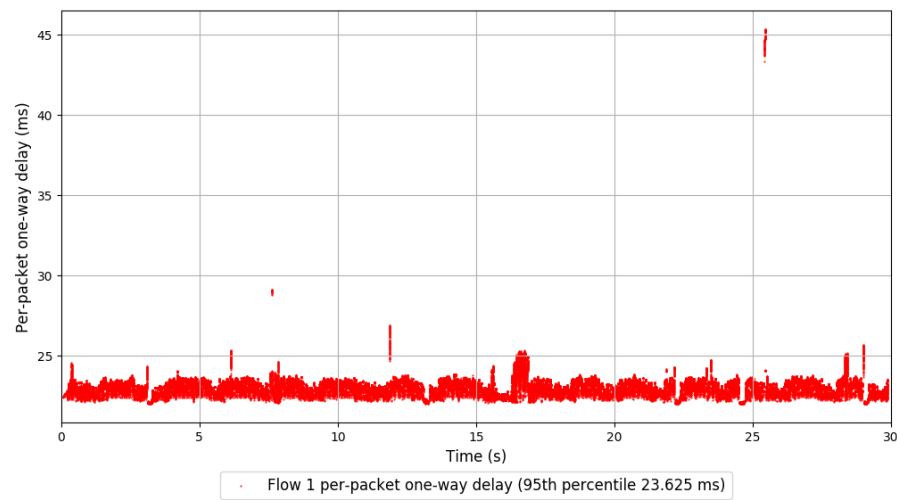
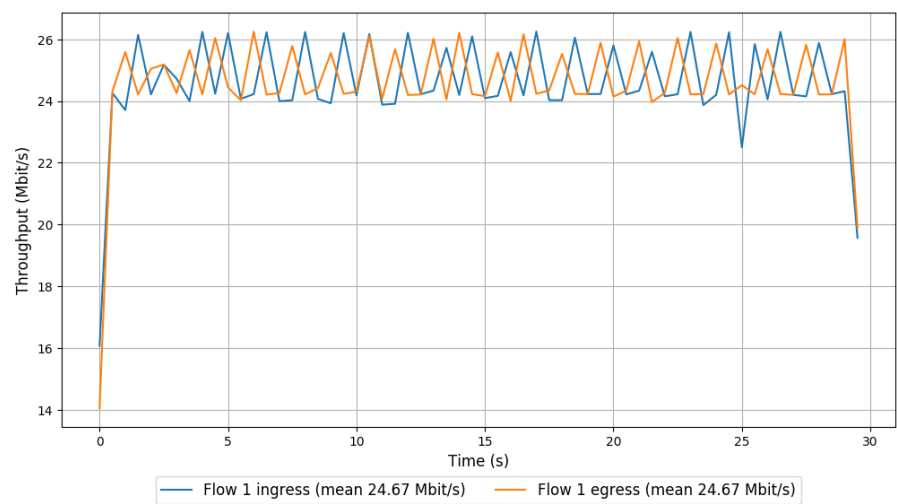
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 23.625 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Wed, 05 Jul 2017 09:02:55 +0000

End at: Wed, 05 Jul 2017 09:03:25 +0000

Local clock offset: 0.877 ms

Remote clock offset: -2.664 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:03:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 25.398 ms

Loss rate: 0.00%

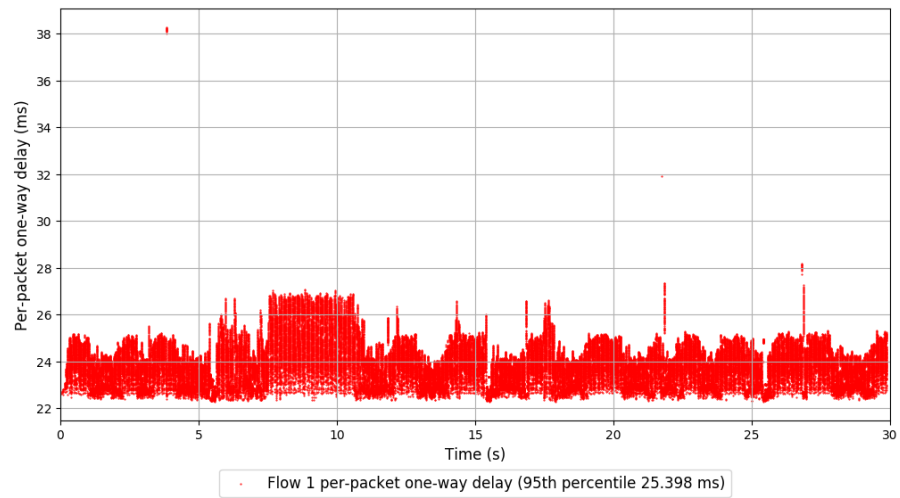
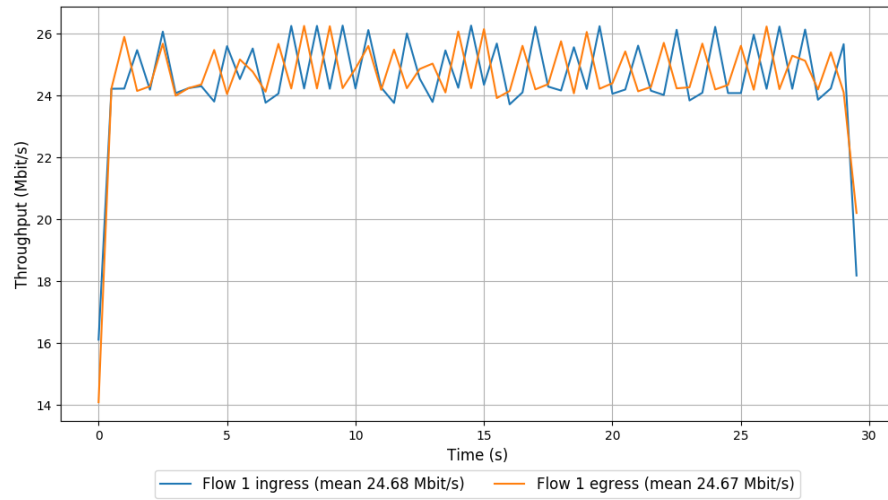
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 25.398 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Wed, 05 Jul 2017 09:22:46 +0000

End at: Wed, 05 Jul 2017 09:23:16 +0000

Local clock offset: 0.944 ms

Remote clock offset: -2.684 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:03:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 25.040 ms

Loss rate: 0.00%

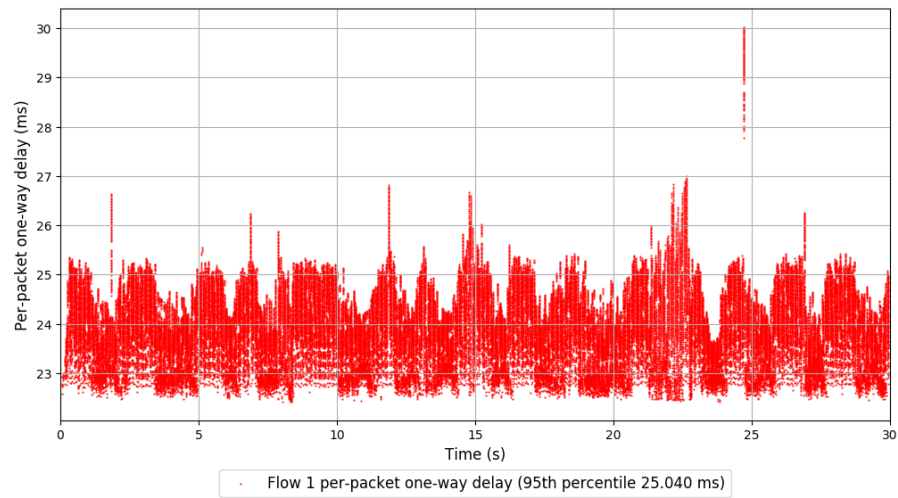
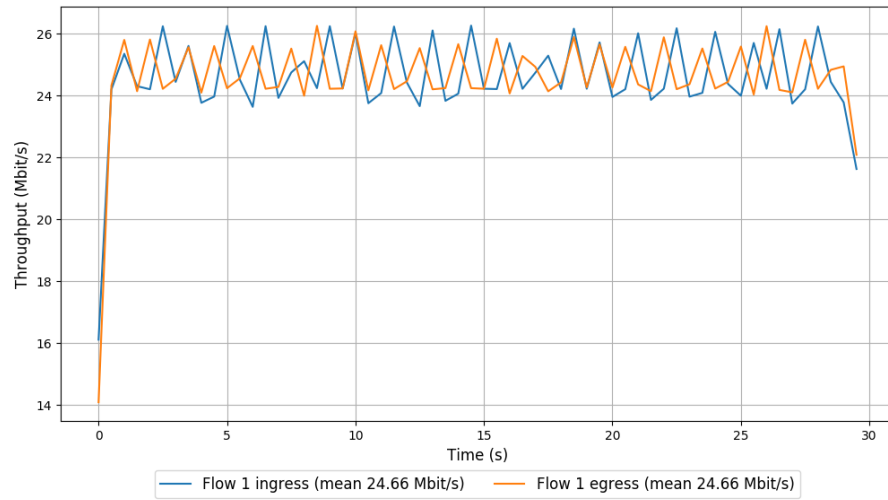
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 25.040 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Wed, 05 Jul 2017 09:42:33 +0000

End at: Wed, 05 Jul 2017 09:43:03 +0000

Local clock offset: 0.809 ms

Remote clock offset: -2.948 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:03:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 25.675 ms

Loss rate: 0.00%

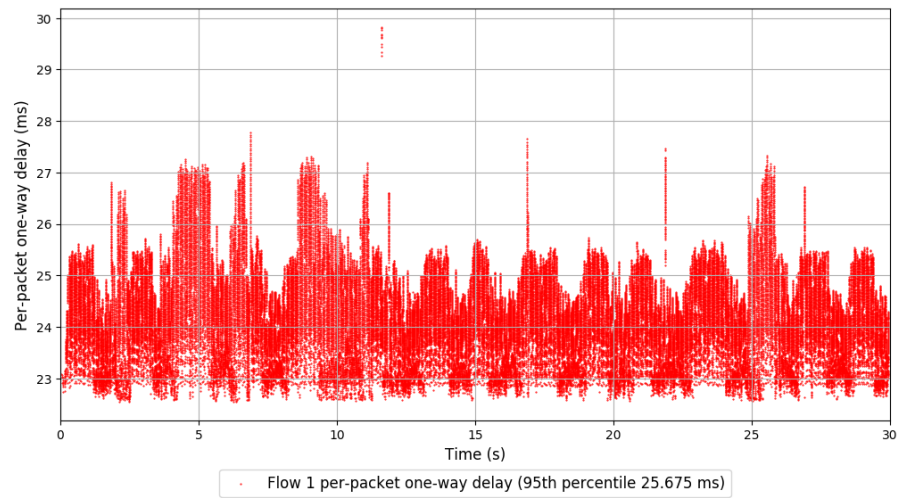
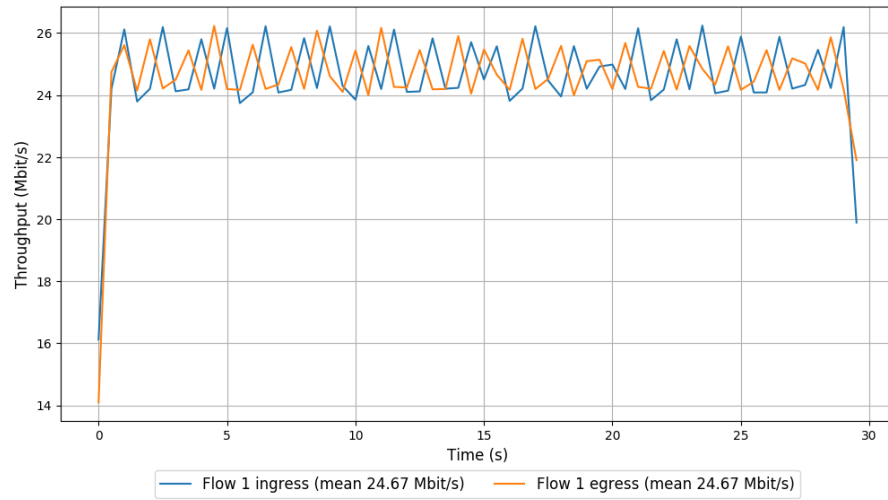
-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 25.675 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Wed, 05 Jul 2017 10:01:54 +0000

End at: Wed, 05 Jul 2017 10:02:25 +0000

Local clock offset: 0.765 ms

Remote clock offset: -3.087 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:03:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.68 Mbit/s

95th percentile per-packet one-way delay: 25.334 ms

Loss rate: 0.00%

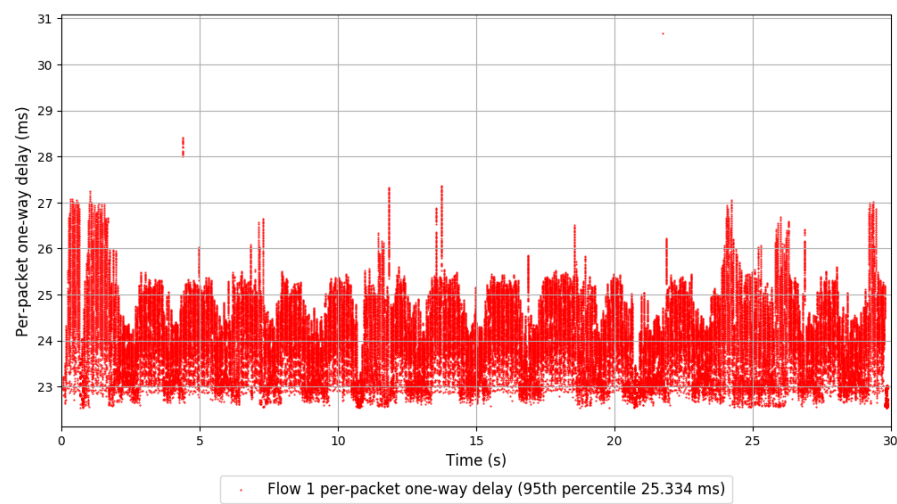
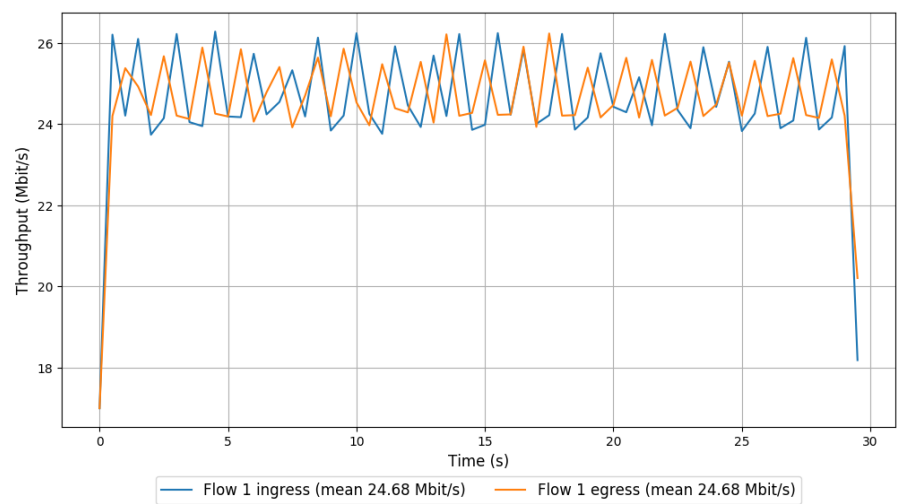
-- Flow 1:

Average throughput: 24.68 Mbit/s

95th percentile per-packet one-way delay: 25.334 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Wed, 05 Jul 2017 10:21:14 +0000

End at: Wed, 05 Jul 2017 10:21:44 +0000

Local clock offset: 0.533 ms

Remote clock offset: -3.086 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:03:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.76 Mbit/s

95th percentile per-packet one-way delay: 25.194 ms

Loss rate: 0.00%

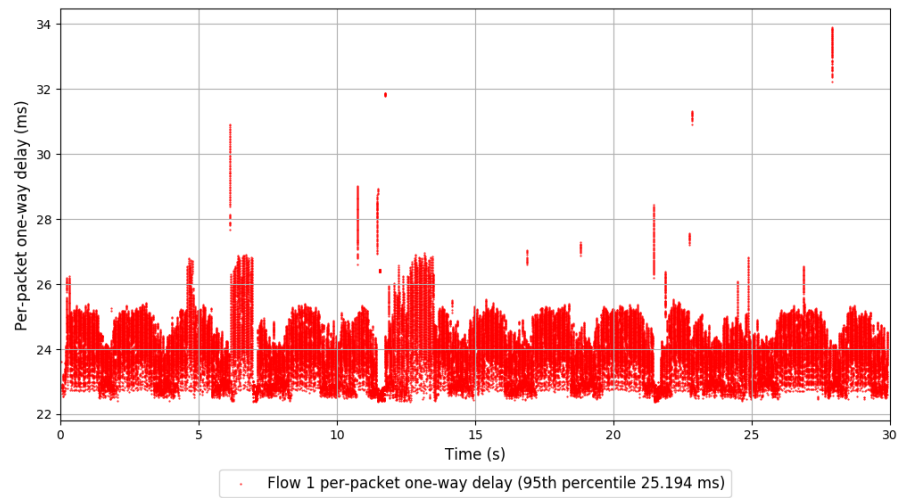
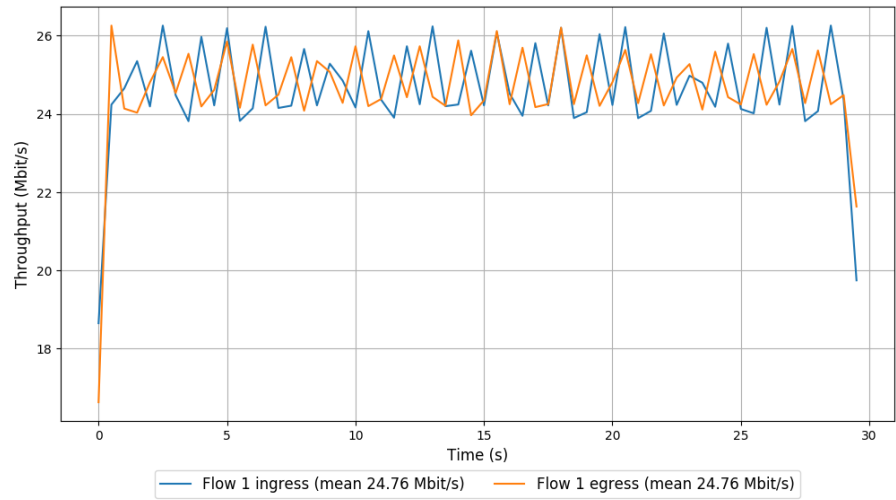
-- Flow 1:

Average throughput: 24.76 Mbit/s

95th percentile per-packet one-way delay: 25.194 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:19:21 +0000

End at: Wed, 05 Jul 2017 07:19:51 +0000

Local clock offset: 0.717 ms

Remote clock offset: -3.045 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:06:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.09 Mbit/s

95th percentile per-packet one-way delay: 22.657 ms

Loss rate: 0.25%

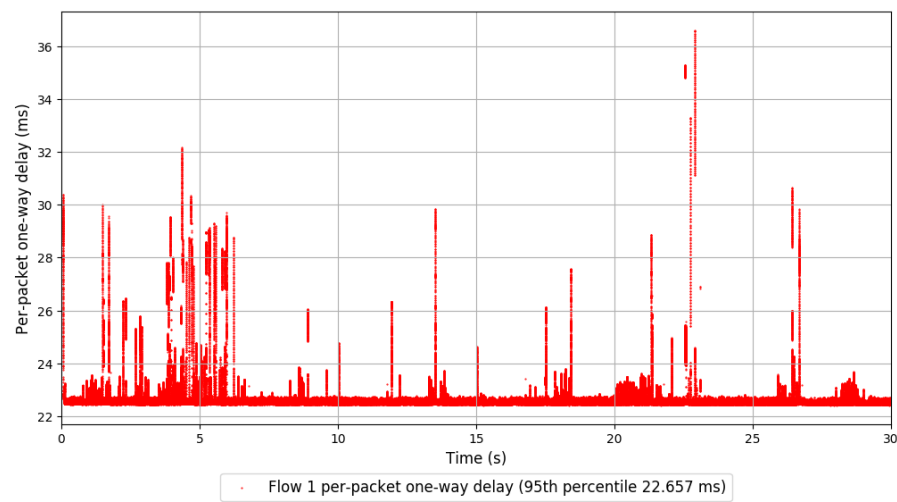
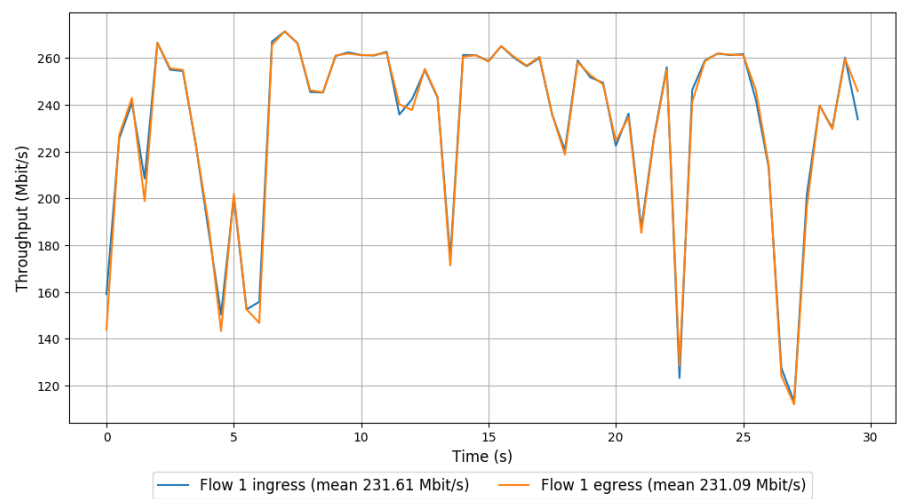
-- Flow 1:

Average throughput: 231.09 Mbit/s

95th percentile per-packet one-way delay: 22.657 ms

Loss rate: 0.25%

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



Run 2: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:38:49 +0000

End at: Wed, 05 Jul 2017 07:39:19 +0000

Local clock offset: 0.811 ms

Remote clock offset: -2.651 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:07:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 244.17 Mbit/s

95th percentile per-packet one-way delay: 22.314 ms

Loss rate: 0.16%

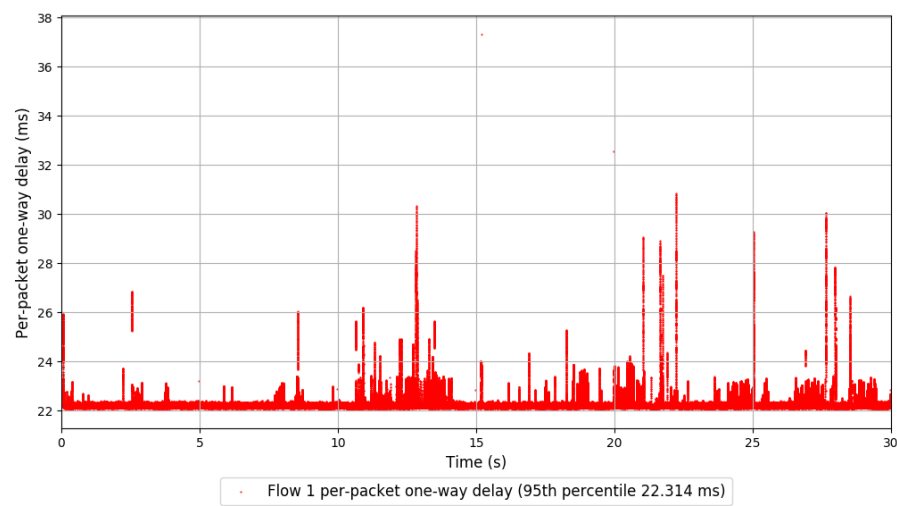
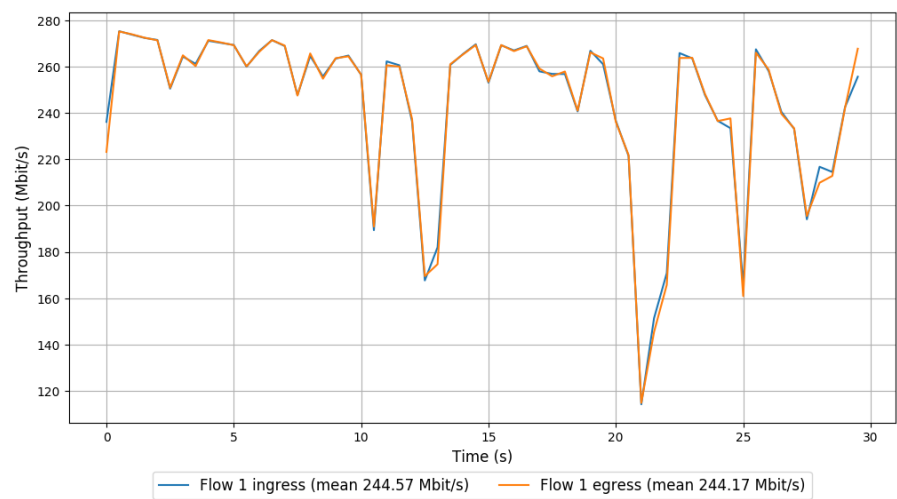
-- Flow 1:

Average throughput: 244.17 Mbit/s

95th percentile per-packet one-way delay: 22.314 ms

Loss rate: 0.16%

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



Run 3: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 07:58:55 +0000

End at: Wed, 05 Jul 2017 07:59:25 +0000

Local clock offset: 0.802 ms

Remote clock offset: -2.354 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:10:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 253.34 Mbit/s

95th percentile per-packet one-way delay: 22.061 ms

Loss rate: 0.14%

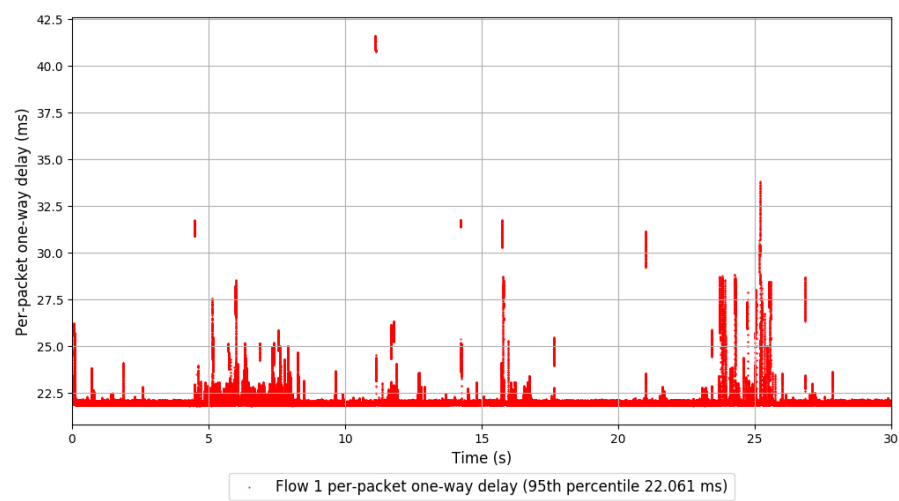
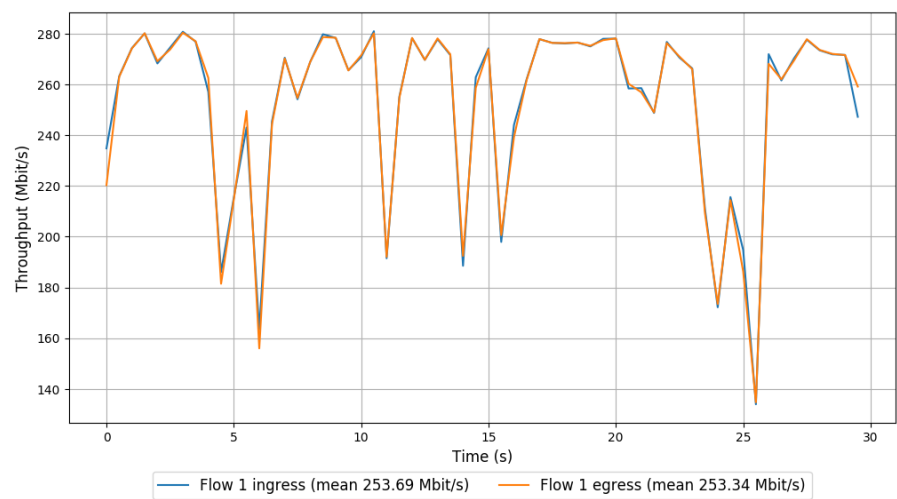
-- Flow 1:

Average throughput: 253.34 Mbit/s

95th percentile per-packet one-way delay: 22.061 ms

Loss rate: 0.14%

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



Run 4: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 08:18:39 +0000

End at: Wed, 05 Jul 2017 08:19:09 +0000

Local clock offset: 0.935 ms

Remote clock offset: -2.304 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:10:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 237.15 Mbit/s

95th percentile per-packet one-way delay: 22.146 ms

Loss rate: 0.13%

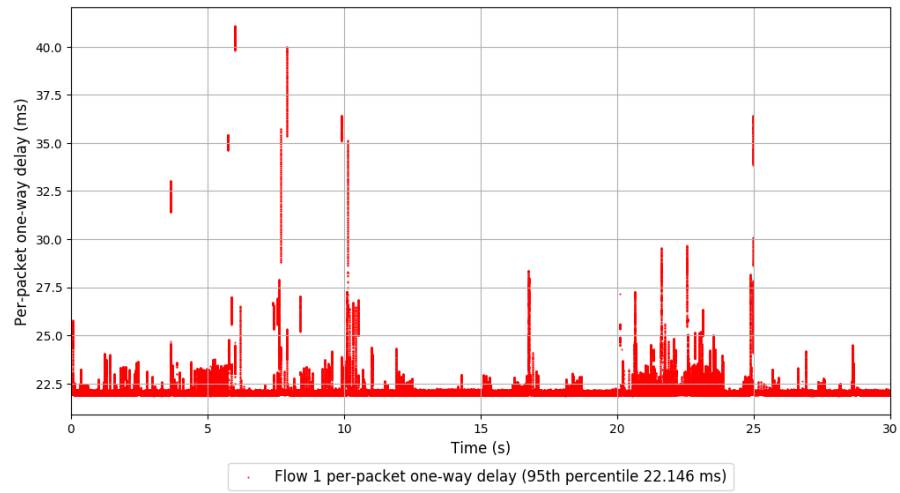
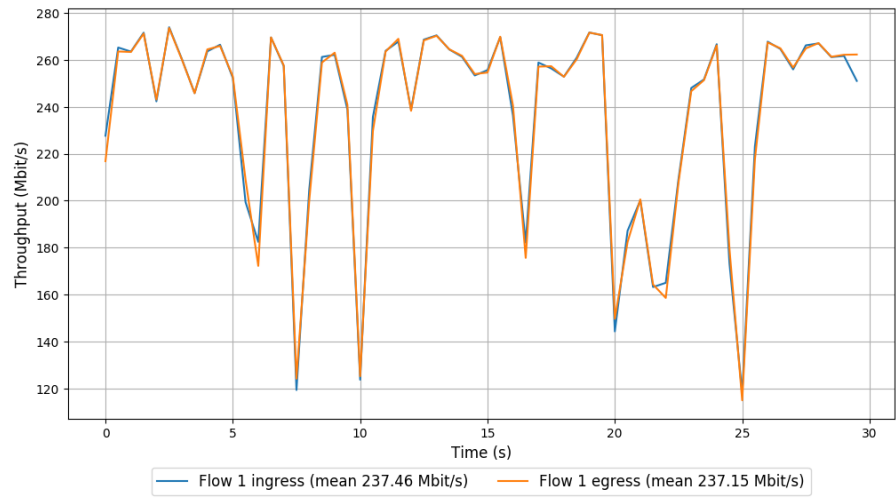
-- Flow 1:

Average throughput: 237.15 Mbit/s

95th percentile per-packet one-way delay: 22.146 ms

Loss rate: 0.13%

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



Run 5: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 08:38:10 +0000

End at: Wed, 05 Jul 2017 08:38:40 +0000

Local clock offset: 0.934 ms

Remote clock offset: -2.573 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:13:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.95 Mbit/s

95th percentile per-packet one-way delay: 22.539 ms

Loss rate: 0.27%

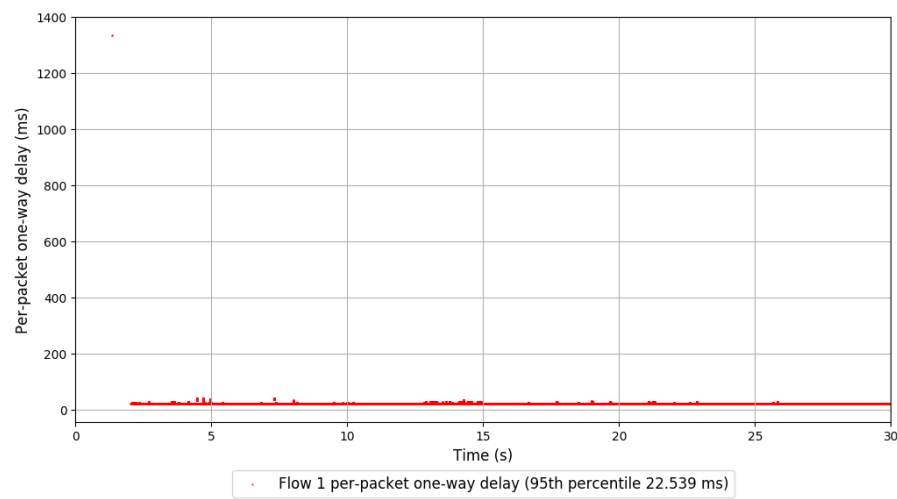
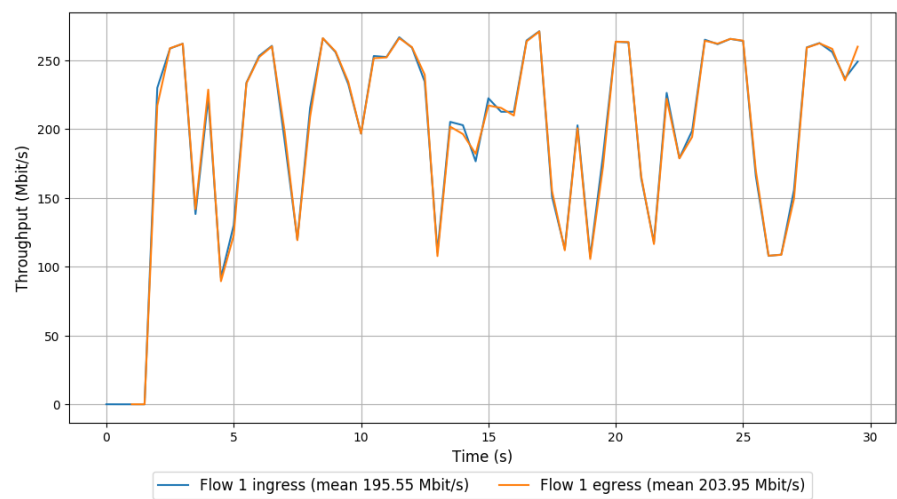
-- Flow 1:

Average throughput: 203.95 Mbit/s

95th percentile per-packet one-way delay: 22.539 ms

Loss rate: 0.27%

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



Run 6: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 08:57:55 +0000

End at: Wed, 05 Jul 2017 08:58:25 +0000

Local clock offset: 0.888 ms

Remote clock offset: -2.554 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:13:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 172.28 Mbit/s

95th percentile per-packet one-way delay: 22.286 ms

Loss rate: 0.16%

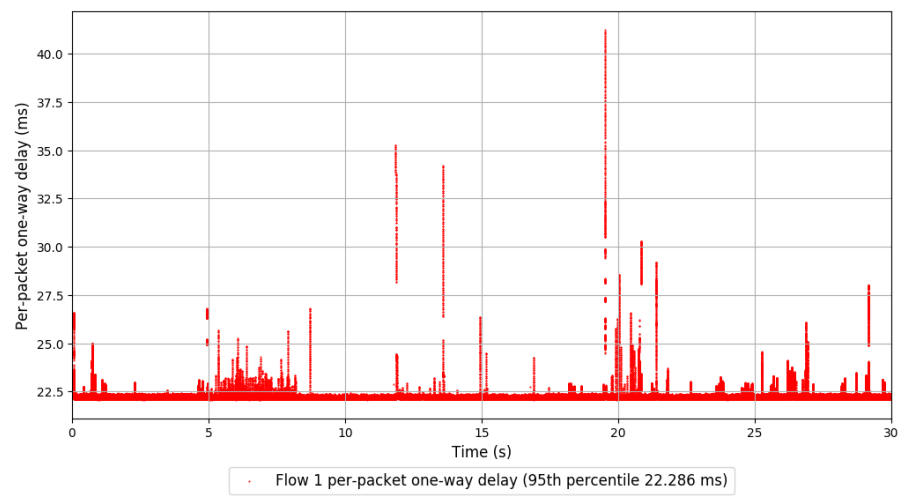
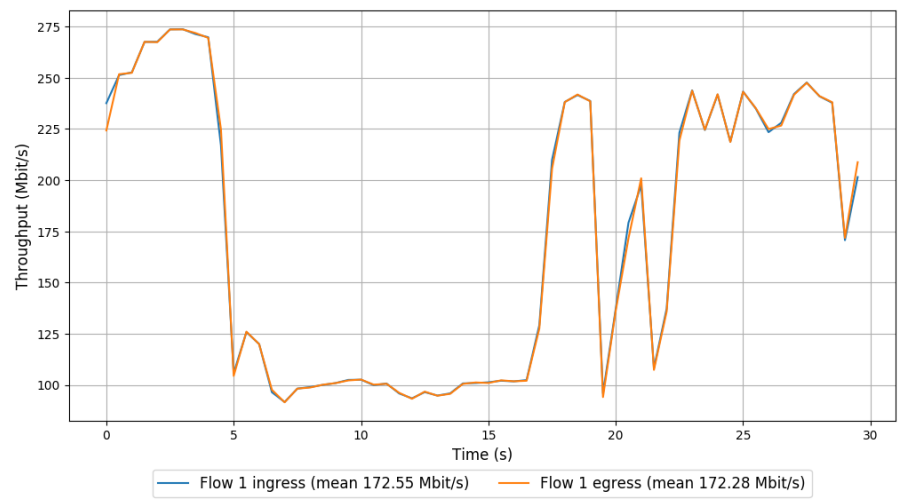
-- Flow 1:

Average throughput: 172.28 Mbit/s

95th percentile per-packet one-way delay: 22.286 ms

Loss rate: 0.16%

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:17:43 +0000

End at: Wed, 05 Jul 2017 09:18:13 +0000

Local clock offset: 0.957 ms

Remote clock offset: -2.686 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:16:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.55 Mbit/s

95th percentile per-packet one-way delay: 22.503 ms

Loss rate: 0.22%

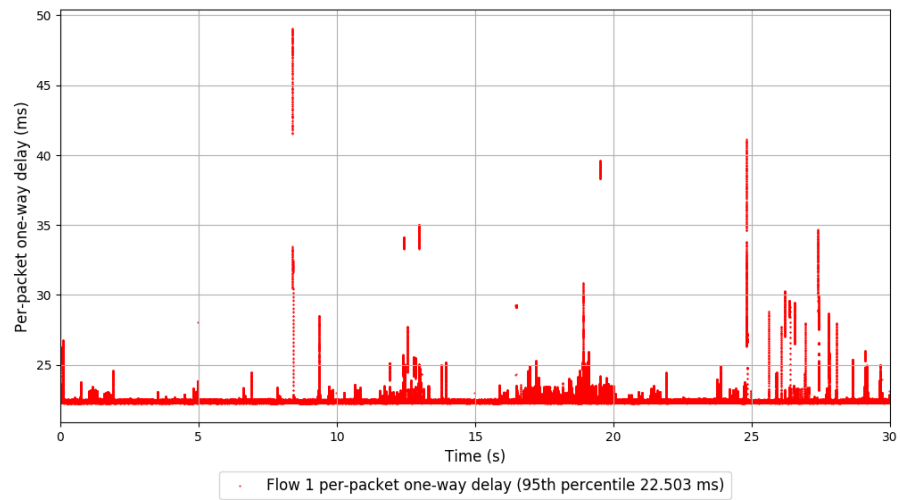
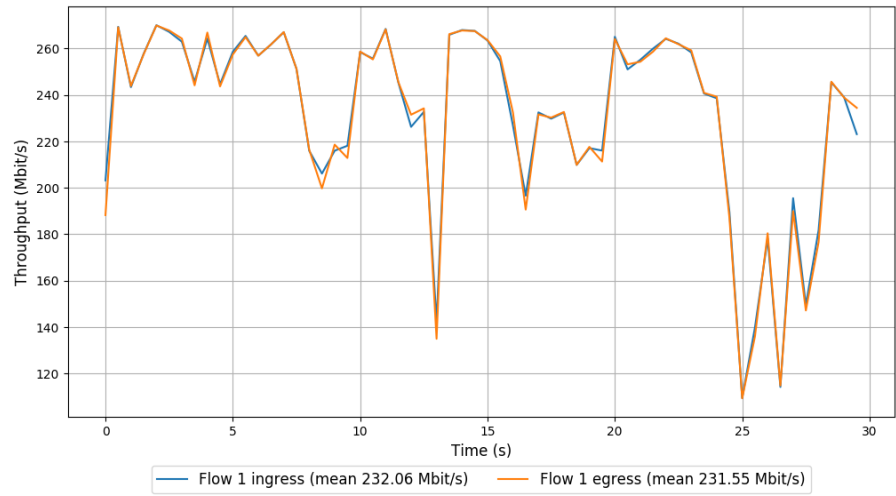
-- Flow 1:

Average throughput: 231.55 Mbit/s

95th percentile per-packet one-way delay: 22.503 ms

Loss rate: 0.22%

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



Run 8: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:37:25 +0000

End at: Wed, 05 Jul 2017 09:37:55 +0000

Local clock offset: 0.756 ms

Remote clock offset: -2.984 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:16:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 229.17 Mbit/s

95th percentile per-packet one-way delay: 22.803 ms

Loss rate: 0.20%

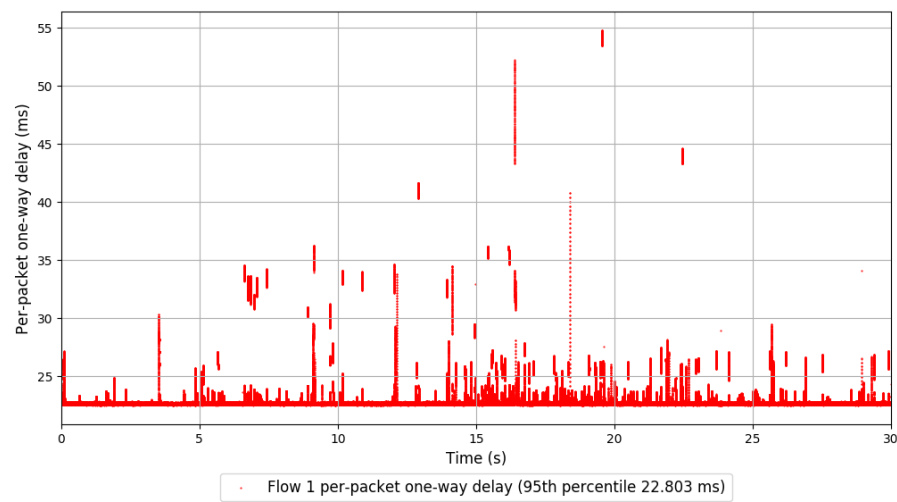
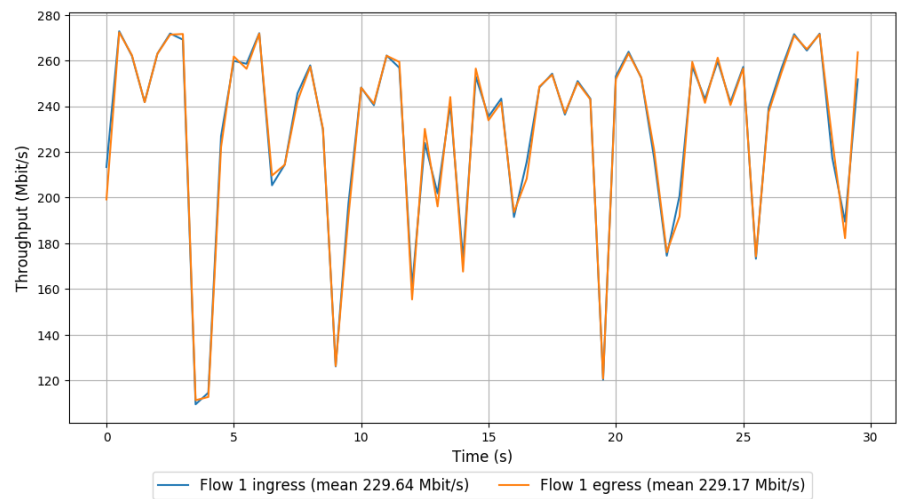
-- Flow 1:

Average throughput: 229.17 Mbit/s

95th percentile per-packet one-way delay: 22.803 ms

Loss rate: 0.20%

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 09:56:55 +0000

End at: Wed, 05 Jul 2017 09:57:25 +0000

Local clock offset: 0.767 ms

Remote clock offset: -3.181 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:18:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.89 Mbit/s

95th percentile per-packet one-way delay: 22.803 ms

Loss rate: 0.20%

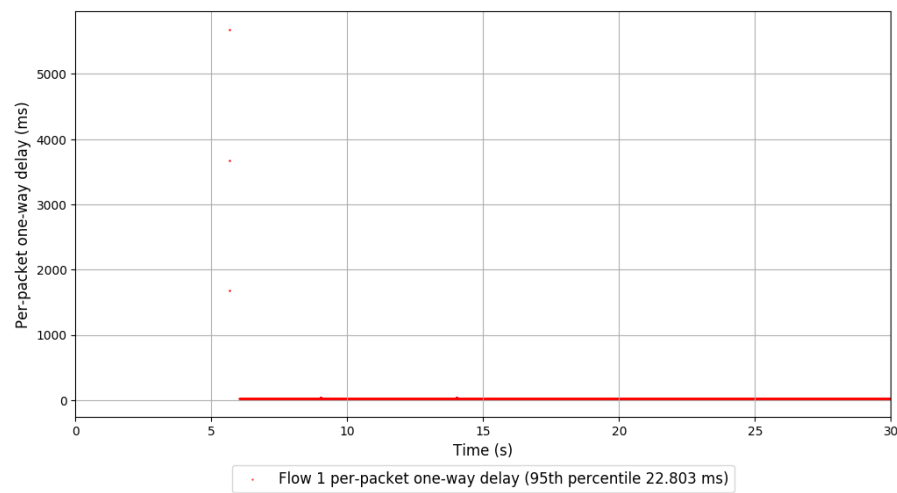
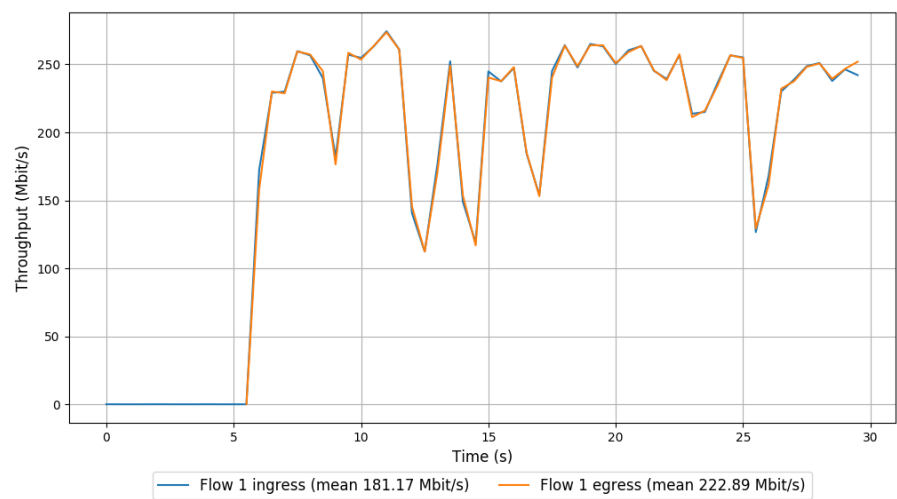
-- Flow 1:

Average throughput: 222.89 Mbit/s

95th percentile per-packet one-way delay: 22.803 ms

Loss rate: 0.20%

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



Run 10: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 10:16:08 +0000

End at: Wed, 05 Jul 2017 10:16:39 +0000

Local clock offset: 0.576 ms

Remote clock offset: -3.066 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:20:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 244.99 Mbit/s

95th percentile per-packet one-way delay: 22.601 ms

Loss rate: 0.09%

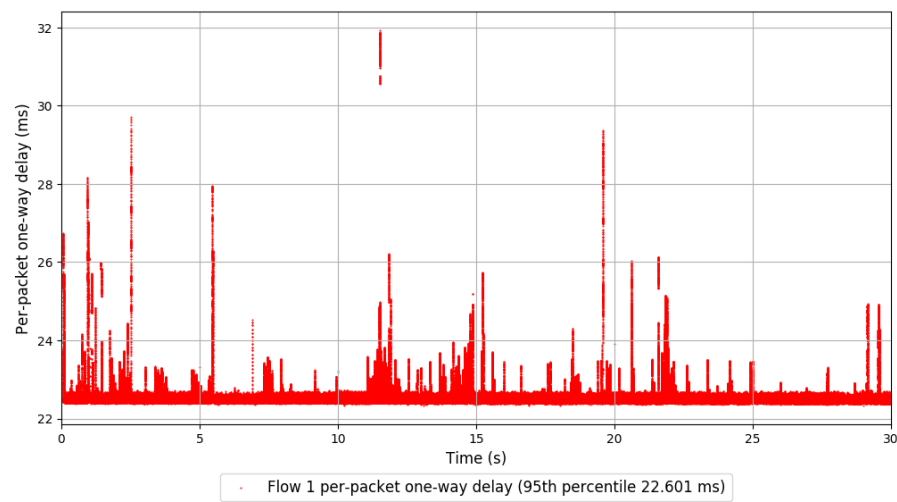
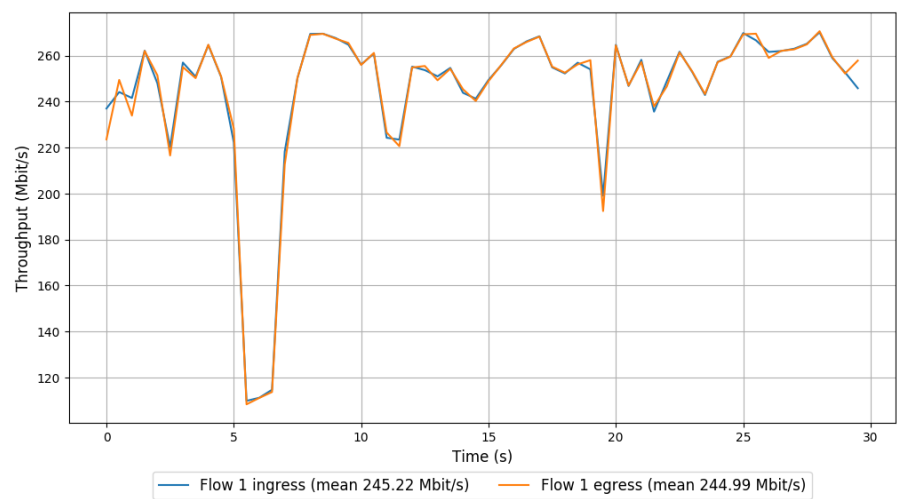
-- Flow 1:

Average throughput: 244.99 Mbit/s

95th percentile per-packet one-way delay: 22.601 ms

Loss rate: 0.09%

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



Run 1: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:15:09 +0000

End at: Wed, 05 Jul 2017 07:15:39 +0000

Local clock offset: 0.647 ms

Remote clock offset: -3.058 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:20:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 160.61 Mbit/s

95th percentile per-packet one-way delay: 22.989 ms

Loss rate: 0.06%

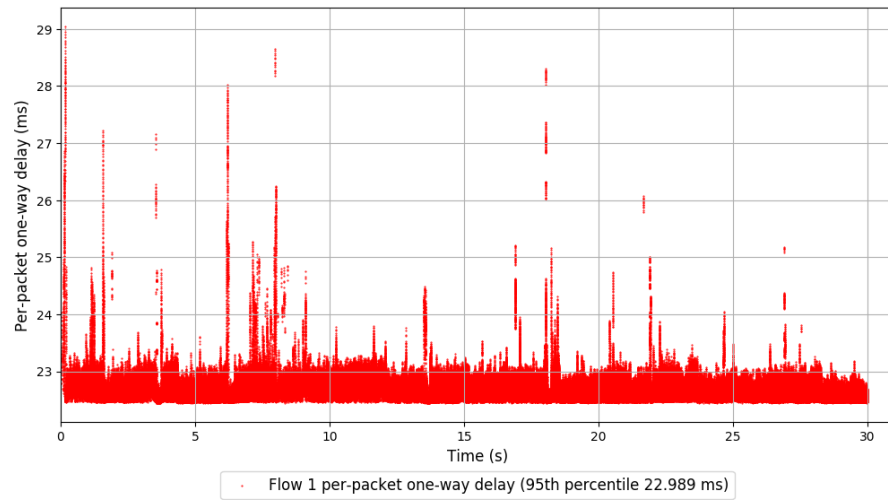
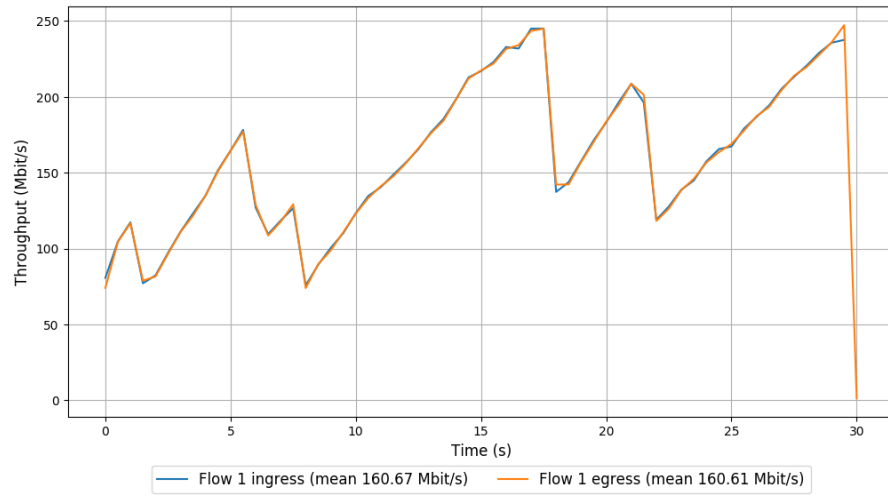
-- Flow 1:

Average throughput: 160.61 Mbit/s

95th percentile per-packet one-way delay: 22.989 ms

Loss rate: 0.06%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:34:35 +0000

End at: Wed, 05 Jul 2017 07:35:05 +0000

Local clock offset: 0.812 ms

Remote clock offset: -2.755 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:21:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 229.54 Mbit/s

95th percentile per-packet one-way delay: 22.590 ms

Loss rate: 0.07%

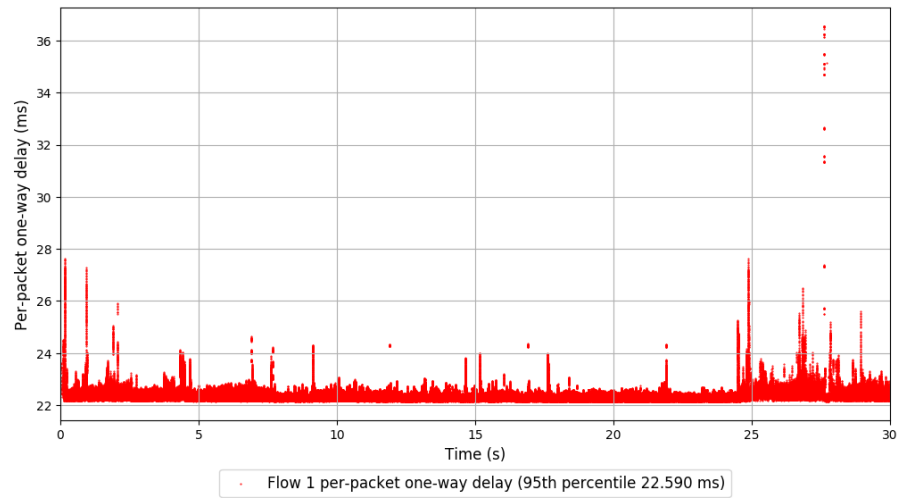
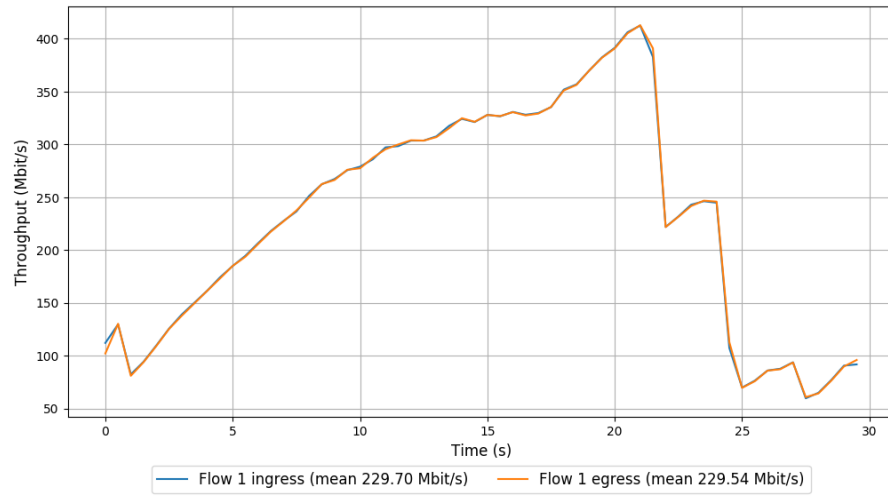
-- Flow 1:

Average throughput: 229.54 Mbit/s

95th percentile per-packet one-way delay: 22.590 ms

Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 07:54:33 +0000

End at: Wed, 05 Jul 2017 07:55:03 +0000

Local clock offset: 0.785 ms

Remote clock offset: -2.348 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:21:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.96 Mbit/s

95th percentile per-packet one-way delay: 22.344 ms

Loss rate: 0.09%

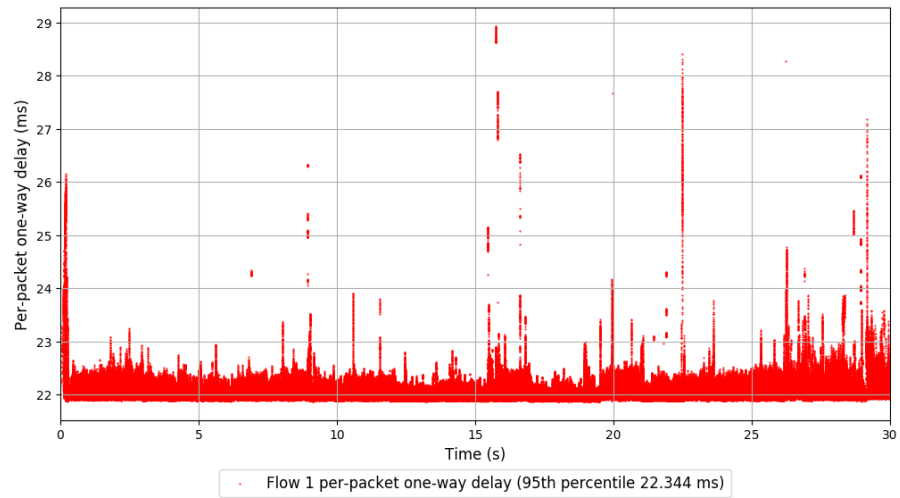
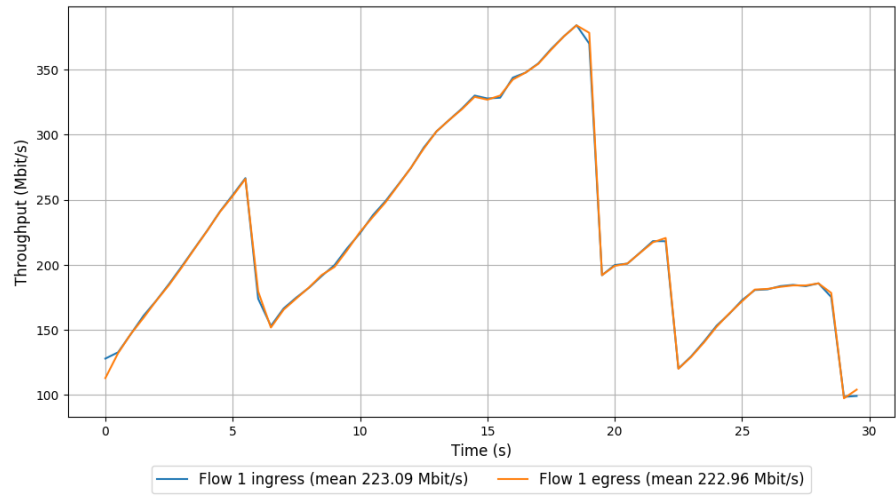
-- Flow 1:

Average throughput: 222.96 Mbit/s

95th percentile per-packet one-way delay: 22.344 ms

Loss rate: 0.09%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 08:14:29 +0000

End at: Wed, 05 Jul 2017 08:14:59 +0000

Local clock offset: 0.917 ms

Remote clock offset: -2.296 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:22:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 100.67 Mbit/s

95th percentile per-packet one-way delay: 22.530 ms

Loss rate: 0.23%

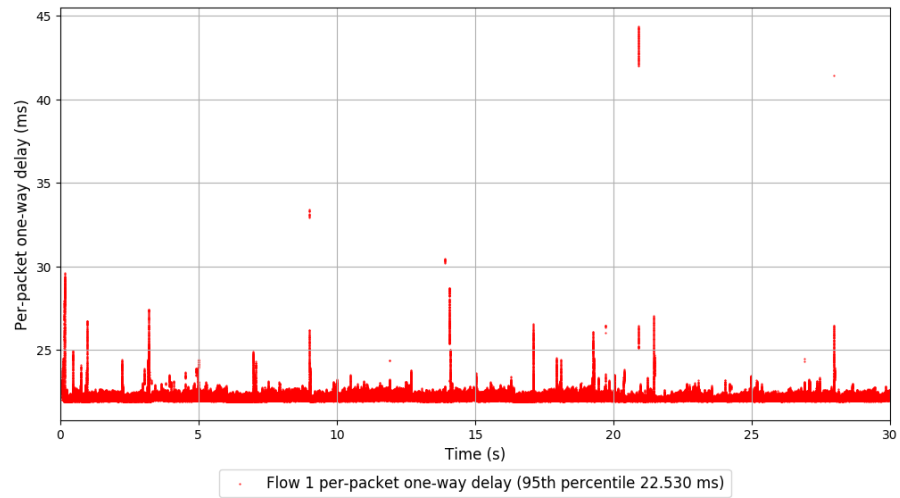
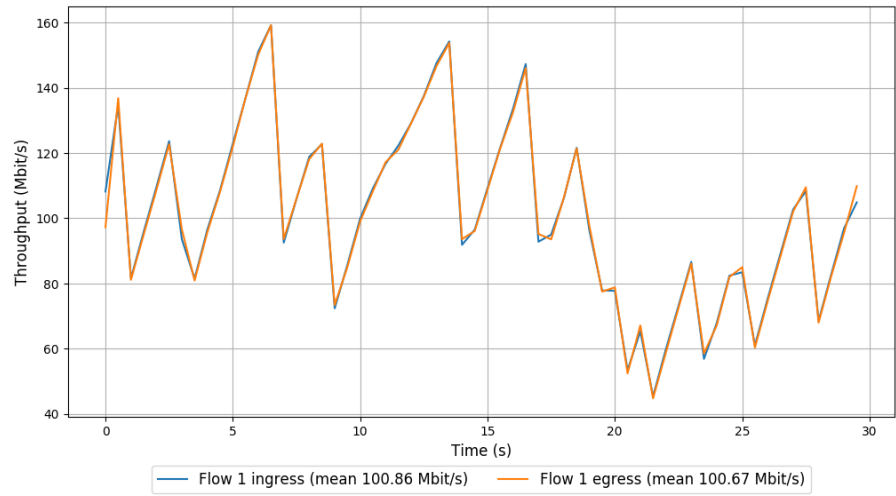
-- Flow 1:

Average throughput: 100.67 Mbit/s

95th percentile per-packet one-way delay: 22.530 ms

Loss rate: 0.23%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 08:33:52 +0000

End at: Wed, 05 Jul 2017 08:34:22 +0000

Local clock offset: 0.843 ms

Remote clock offset: -2.6 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:23:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 158.55 Mbit/s

95th percentile per-packet one-way delay: 22.667 ms

Loss rate: 0.09%

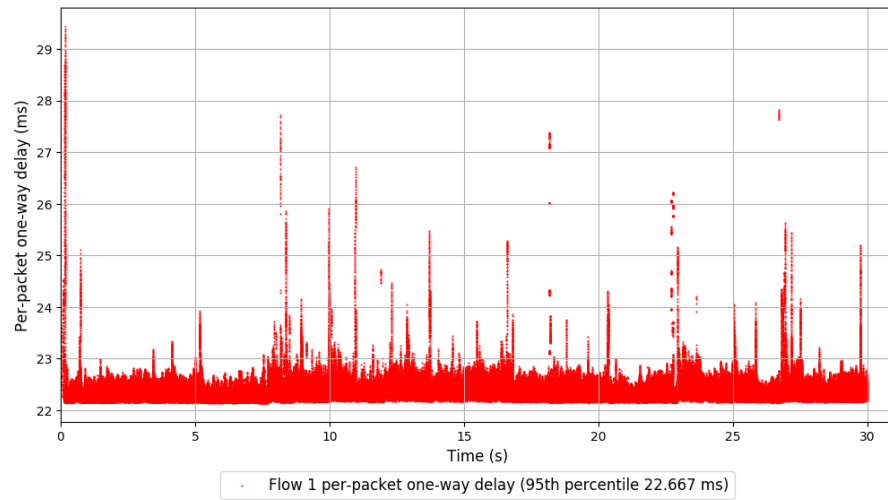
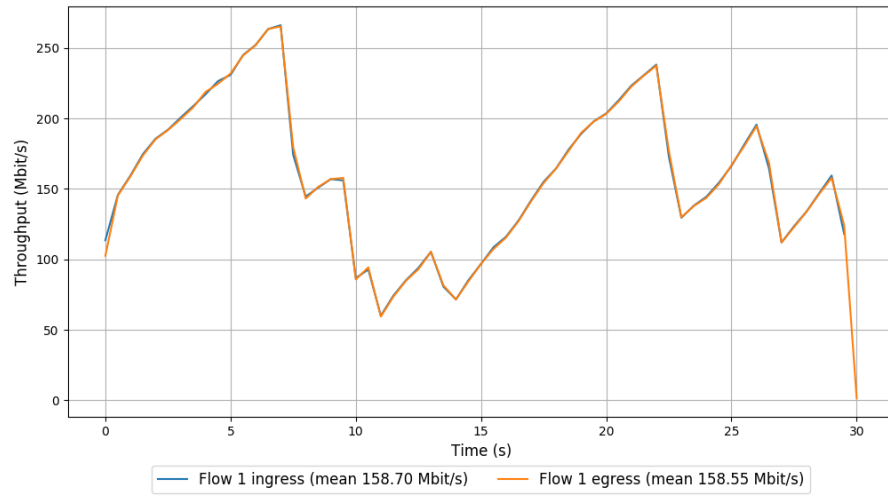
-- Flow 1:

Average throughput: 158.55 Mbit/s

95th percentile per-packet one-way delay: 22.667 ms

Loss rate: 0.09%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 08:53:44 +0000

End at: Wed, 05 Jul 2017 08:54:14 +0000

Local clock offset: 0.943 ms

Remote clock offset: -2.356 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:23:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.29 Mbit/s

95th percentile per-packet one-way delay: 22.620 ms

Loss rate: 0.11%

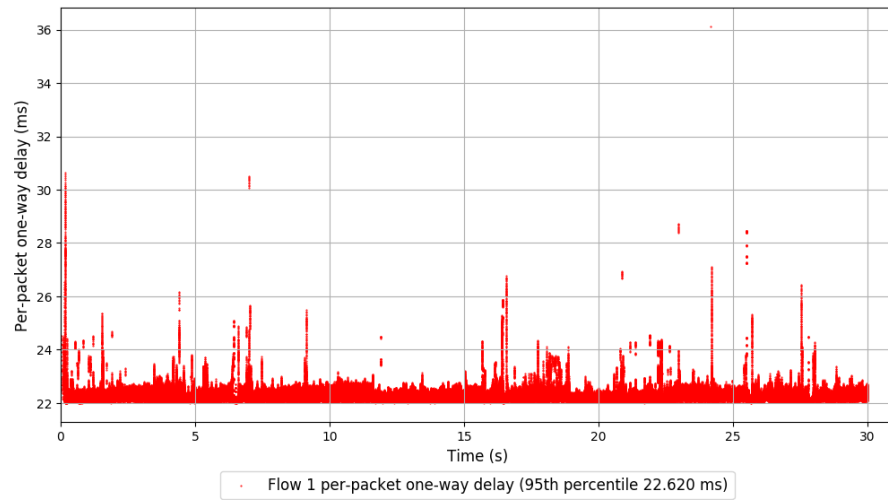
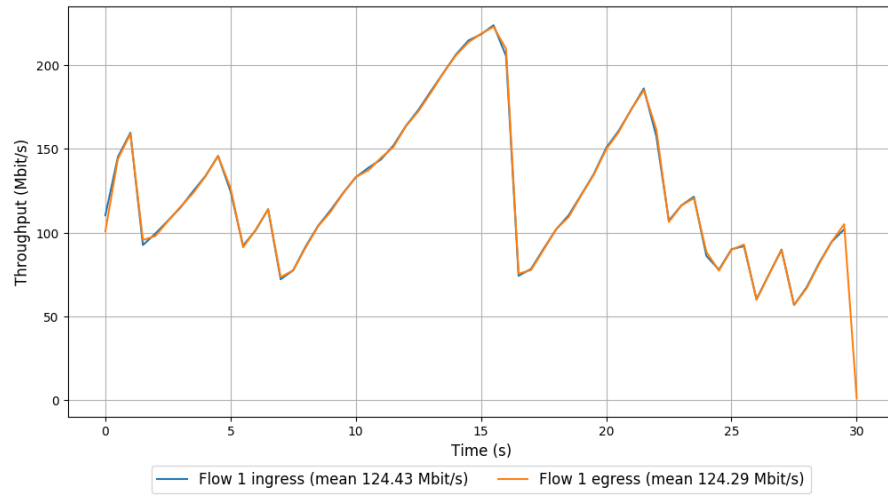
-- Flow 1:

Average throughput: 124.29 Mbit/s

95th percentile per-packet one-way delay: 22.620 ms

Loss rate: 0.11%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:13:31 +0000

End at: Wed, 05 Jul 2017 09:14:01 +0000

Local clock offset: 0.955 ms

Remote clock offset: -2.608 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:24:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 207.42 Mbit/s

95th percentile per-packet one-way delay: 22.722 ms

Loss rate: 0.16%

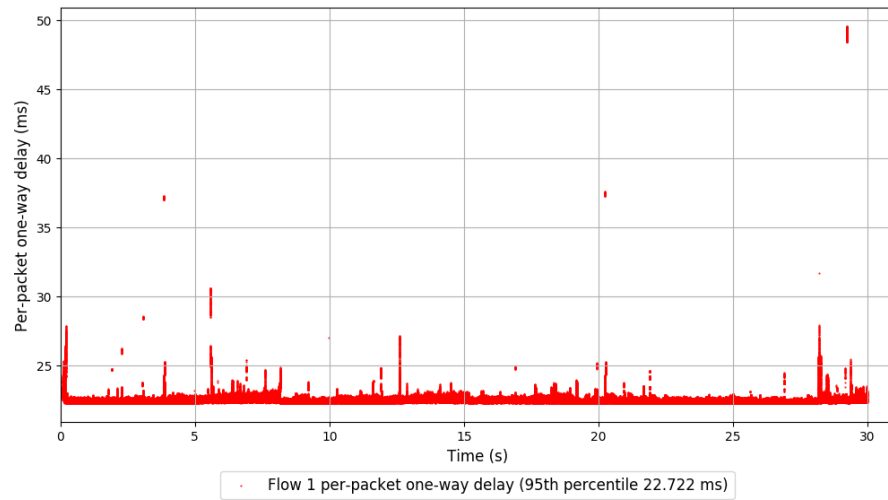
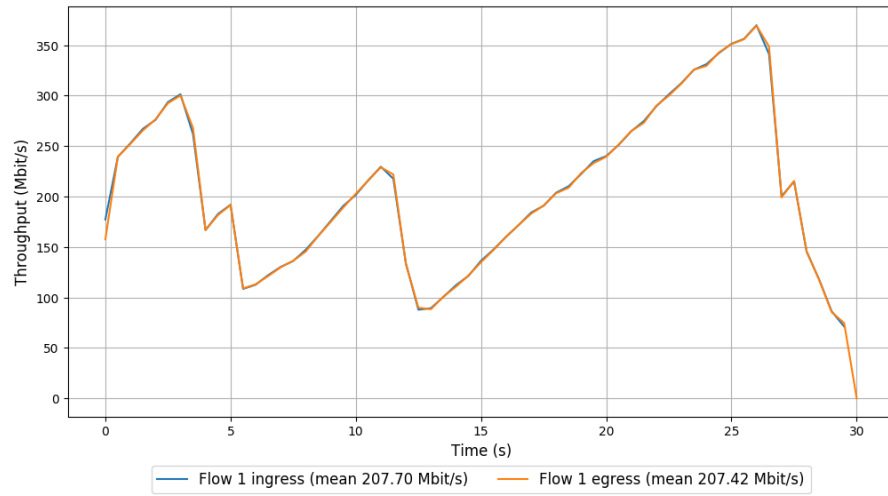
-- Flow 1:

Average throughput: 207.42 Mbit/s

95th percentile per-packet one-way delay: 22.722 ms

Loss rate: 0.16%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:33:14 +0000

End at: Wed, 05 Jul 2017 09:33:44 +0000

Local clock offset: 0.924 ms

Remote clock offset: -2.982 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:25:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 162.22 Mbit/s

95th percentile per-packet one-way delay: 23.017 ms

Loss rate: 0.05%

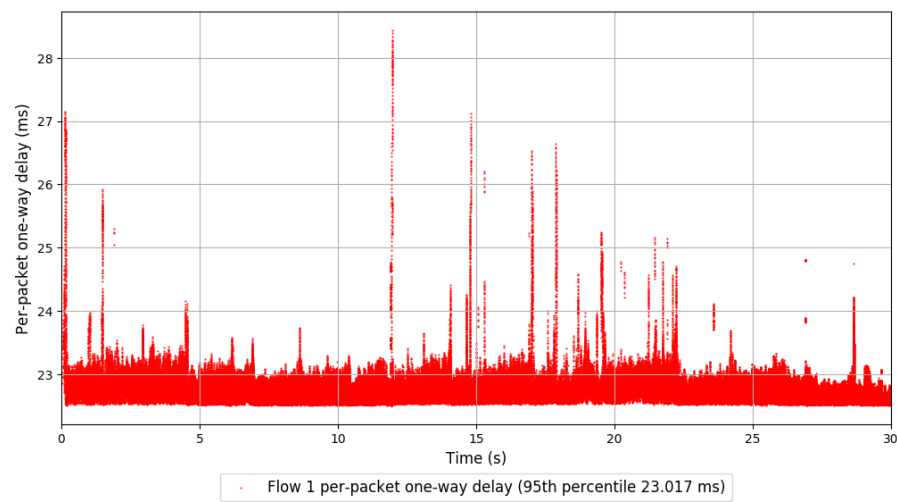
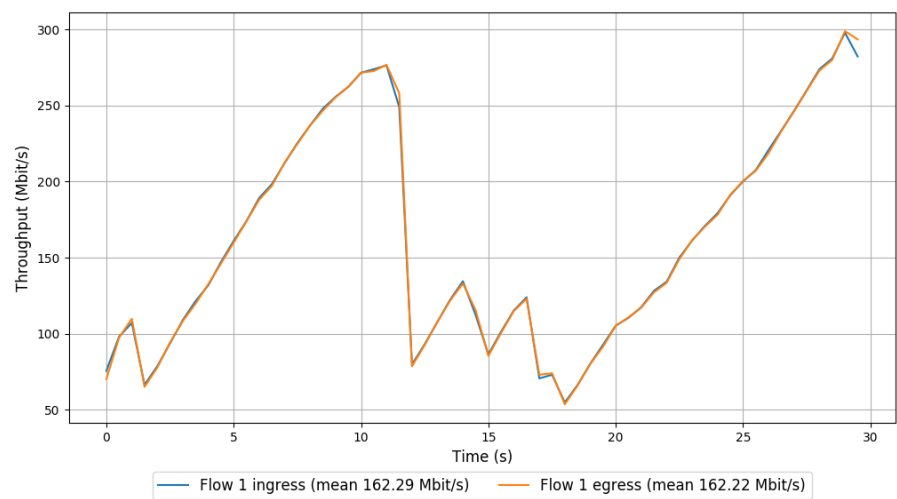
-- Flow 1:

Average throughput: 162.22 Mbit/s

95th percentile per-packet one-way delay: 23.017 ms

Loss rate: 0.05%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 09:52:41 +0000

End at: Wed, 05 Jul 2017 09:53:11 +0000

Local clock offset: 0.769 ms

Remote clock offset: -3.06 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:25:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 133.28 Mbit/s

95th percentile per-packet one-way delay: 23.181 ms

Loss rate: 0.08%

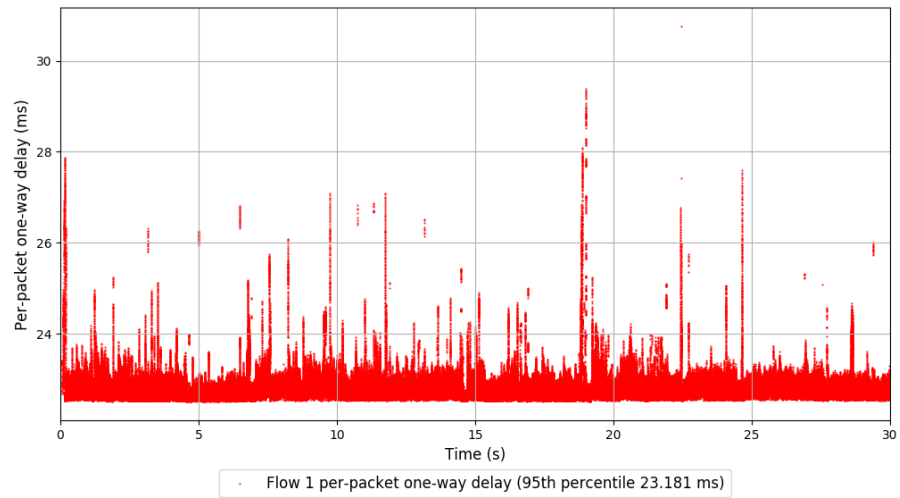
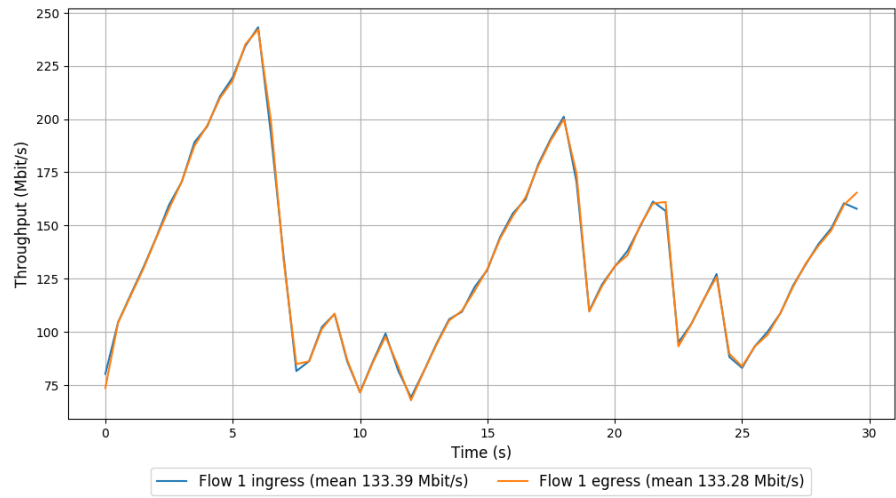
-- Flow 1:

Average throughput: 133.28 Mbit/s

95th percentile per-packet one-way delay: 23.181 ms

Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Wed, 05 Jul 2017 10:12:00 +0000

End at: Wed, 05 Jul 2017 10:12:30 +0000

Local clock offset: 0.626 ms

Remote clock offset: -3.019 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:25:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.32 Mbit/s

95th percentile per-packet one-way delay: 23.049 ms

Loss rate: 0.18%

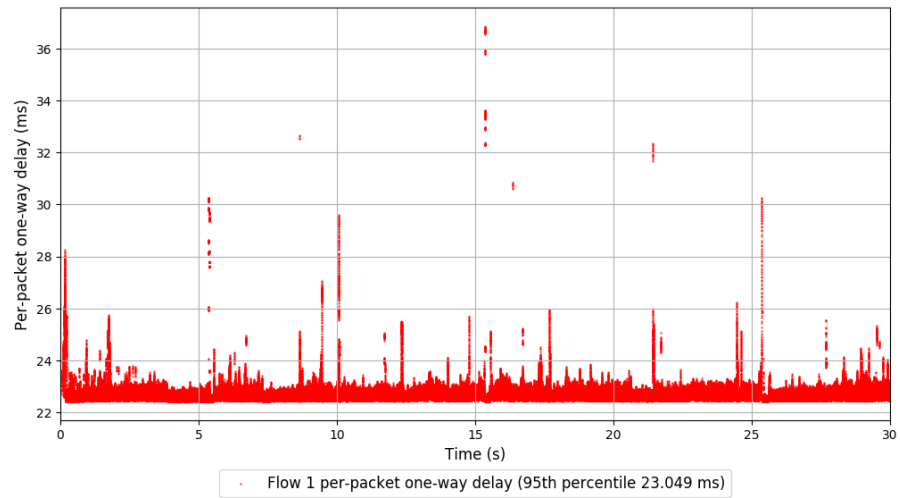
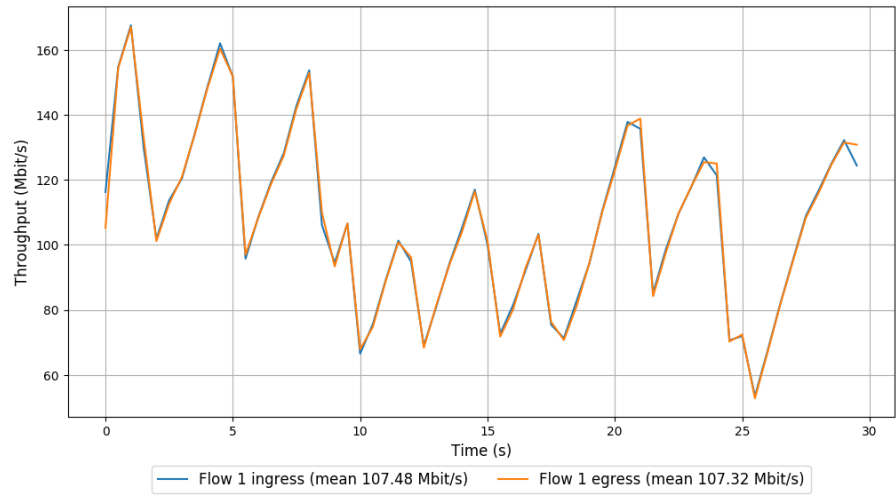
-- Flow 1:

Average throughput: 107.32 Mbit/s

95th percentile per-packet one-way delay: 23.049 ms

Loss rate: 0.18%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Wed, 05 Jul 2017 07:18:00 +0000

End at: Wed, 05 Jul 2017 07:18:30 +0000

Local clock offset: 0.737 ms

Remote clock offset: -3.111 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:27:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.96 Mbit/s

95th percentile per-packet one-way delay: 27.373 ms

Loss rate: 18.60%

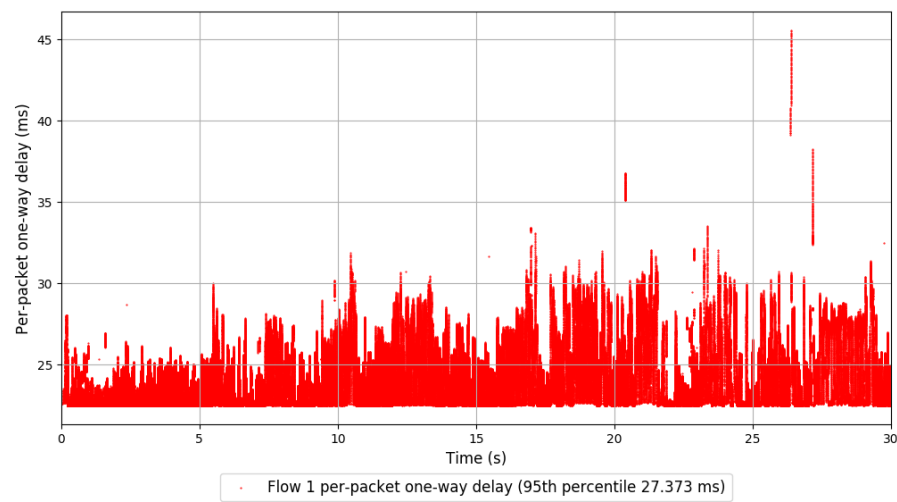
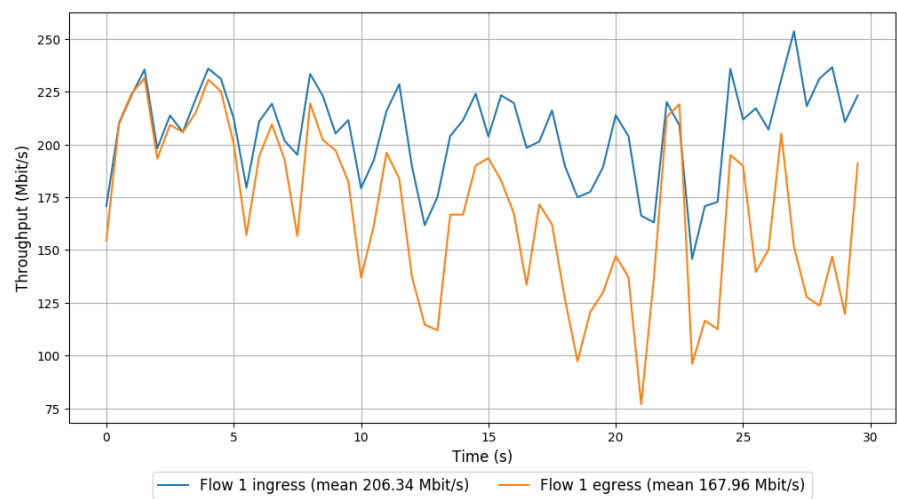
-- Flow 1:

Average throughput: 167.96 Mbit/s

95th percentile per-packet one-way delay: 27.373 ms

Loss rate: 18.60%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Wed, 05 Jul 2017 07:37:29 +0000

End at: Wed, 05 Jul 2017 07:37:59 +0000

Local clock offset: 0.722 ms

Remote clock offset: -2.704 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:27:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 162.58 Mbit/s

95th percentile per-packet one-way delay: 26.340 ms

Loss rate: 11.51%

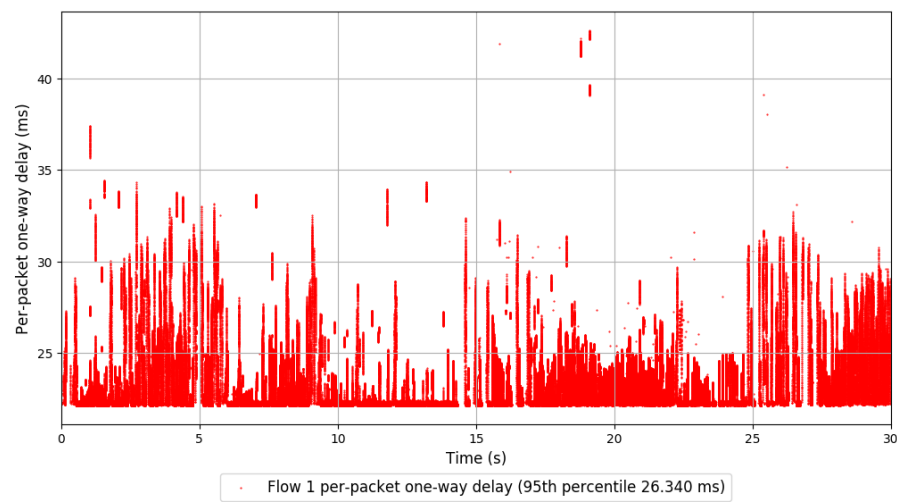
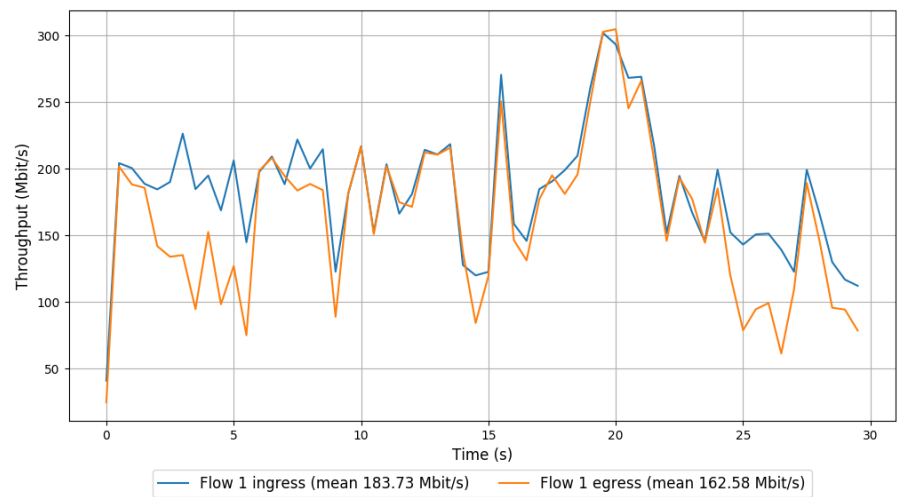
-- Flow 1:

Average throughput: 162.58 Mbit/s

95th percentile per-packet one-way delay: 26.340 ms

Loss rate: 11.51%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Wed, 05 Jul 2017 07:57:32 +0000

End at: Wed, 05 Jul 2017 07:58:02 +0000

Local clock offset: 0.786 ms

Remote clock offset: -2.315 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:28:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 207.42 Mbit/s

95th percentile per-packet one-way delay: 25.313 ms

Loss rate: 7.71%

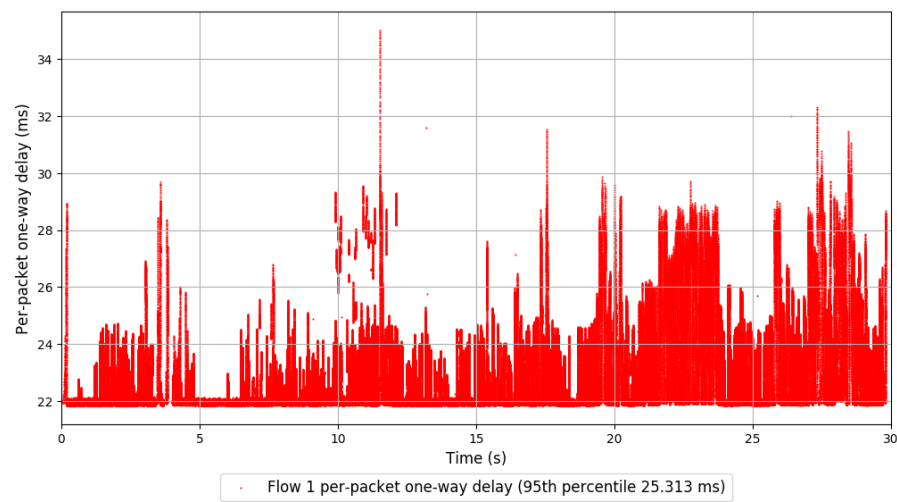
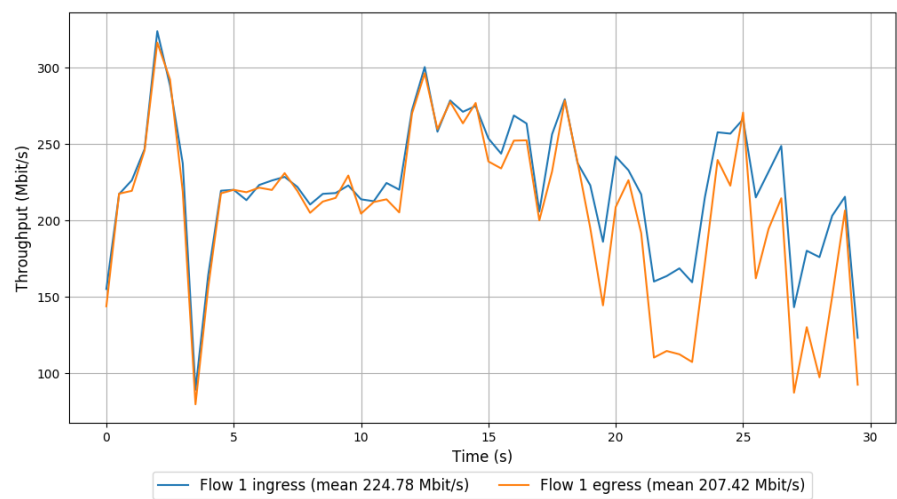
-- Flow 1:

Average throughput: 207.42 Mbit/s

95th percentile per-packet one-way delay: 25.313 ms

Loss rate: 7.71%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:17:19 +0000

End at: Wed, 05 Jul 2017 08:17:49 +0000

Local clock offset: 0.919 ms

Remote clock offset: -2.309 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:28:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 165.24 Mbit/s

95th percentile per-packet one-way delay: 26.480 ms

Loss rate: 14.08%

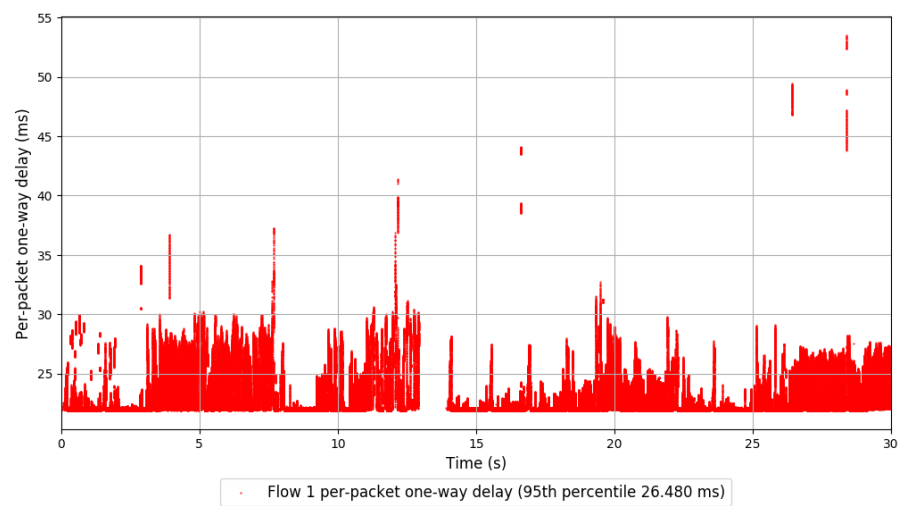
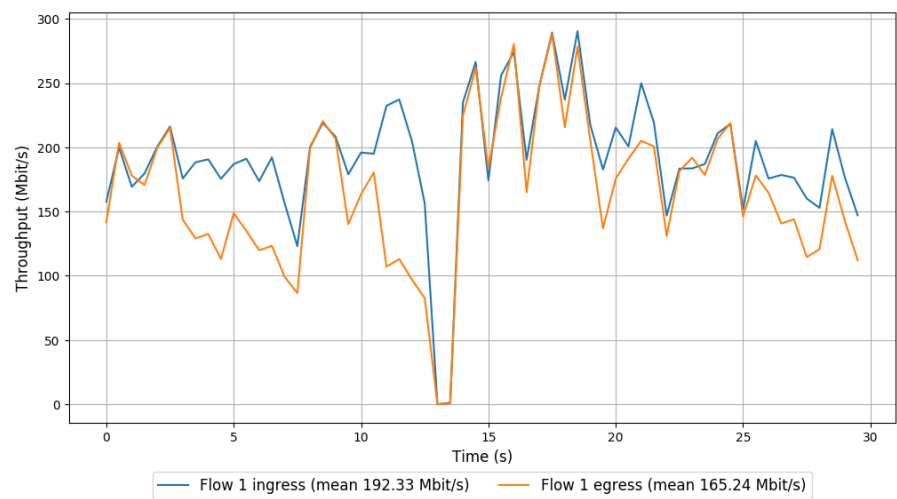
-- Flow 1:

Average throughput: 165.24 Mbit/s

95th percentile per-packet one-way delay: 26.480 ms

Loss rate: 14.08%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:36:50 +0000

End at: Wed, 05 Jul 2017 08:37:20 +0000

Local clock offset: 0.927 ms

Remote clock offset: -2.553 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:29:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 149.61 Mbit/s

95th percentile per-packet one-way delay: 27.416 ms

Loss rate: 20.76%

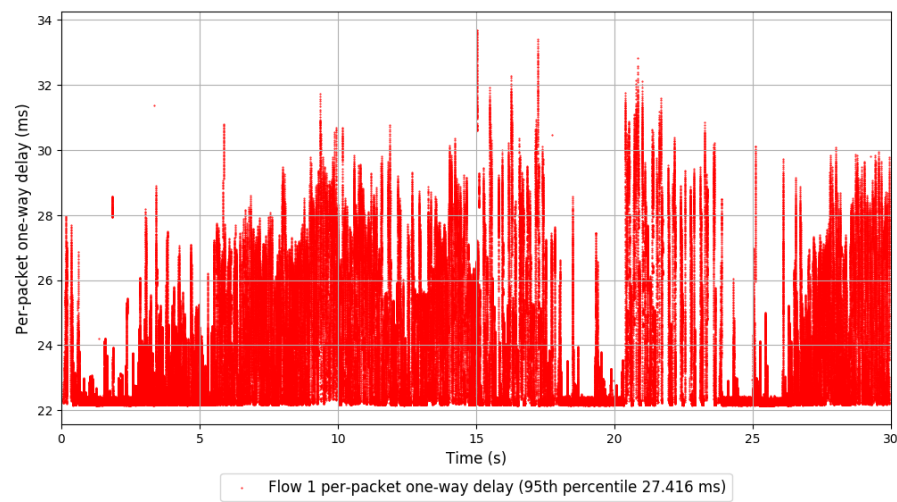
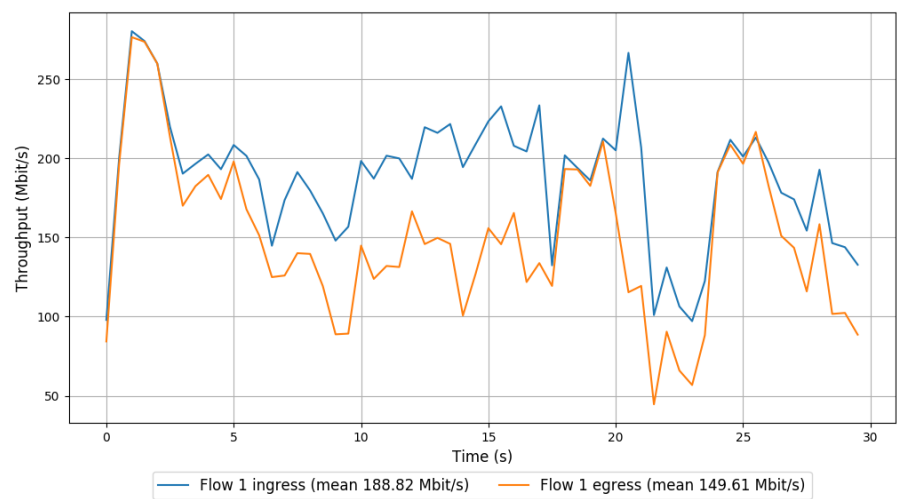
-- Flow 1:

Average throughput: 149.61 Mbit/s

95th percentile per-packet one-way delay: 27.416 ms

Loss rate: 20.76%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Wed, 05 Jul 2017 08:56:33 +0000

End at: Wed, 05 Jul 2017 08:57:03 +0000

Local clock offset: 0.977 ms

Remote clock offset: -2.538 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:30:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.33 Mbit/s

95th percentile per-packet one-way delay: 26.165 ms

Loss rate: 11.81%

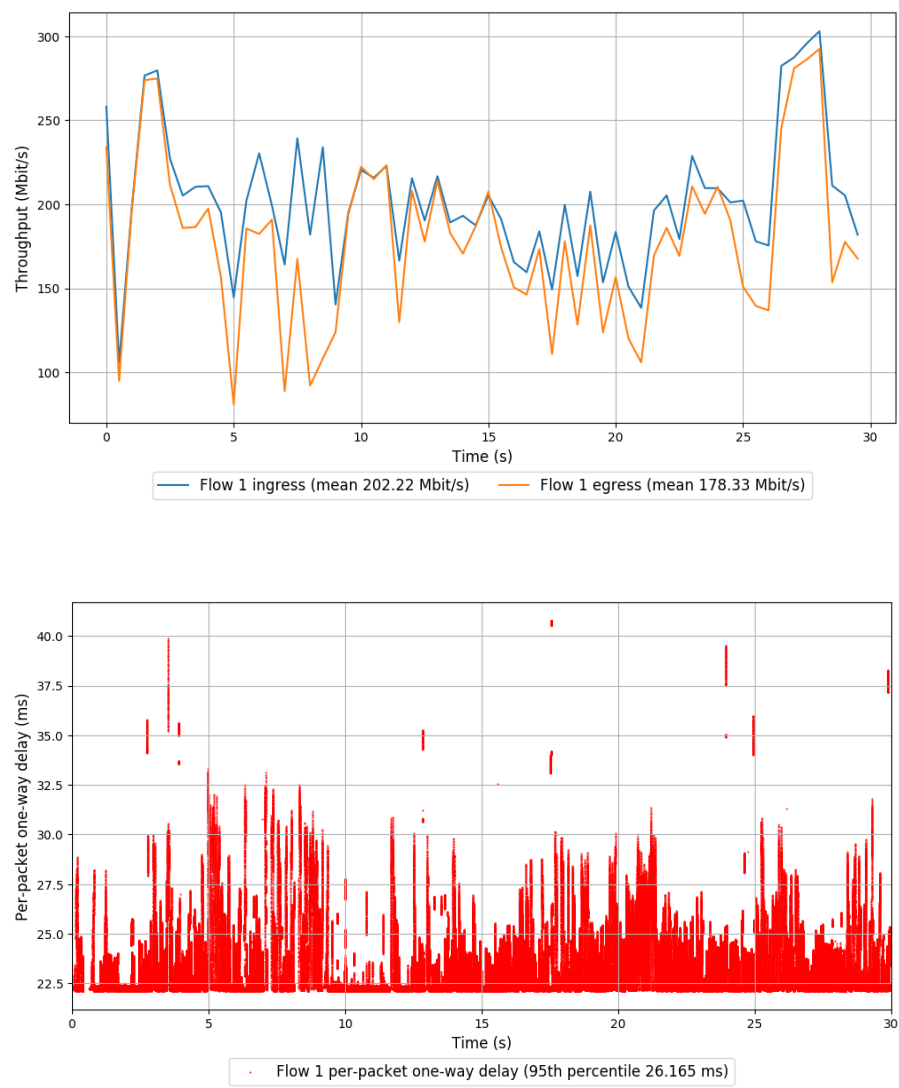
-- Flow 1:

Average throughput: 178.33 Mbit/s

95th percentile per-packet one-way delay: 26.165 ms

Loss rate: 11.81%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Wed, 05 Jul 2017 09:16:23 +0000

End at: Wed, 05 Jul 2017 09:16:53 +0000

Local clock offset: 0.862 ms

Remote clock offset: -2.594 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:31:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 155.43 Mbit/s

95th percentile per-packet one-way delay: 26.567 ms

Loss rate: 16.95%

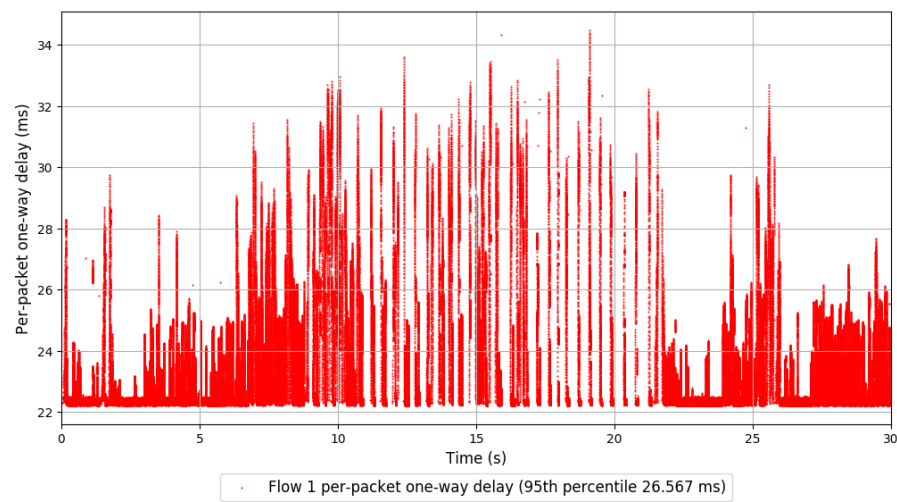
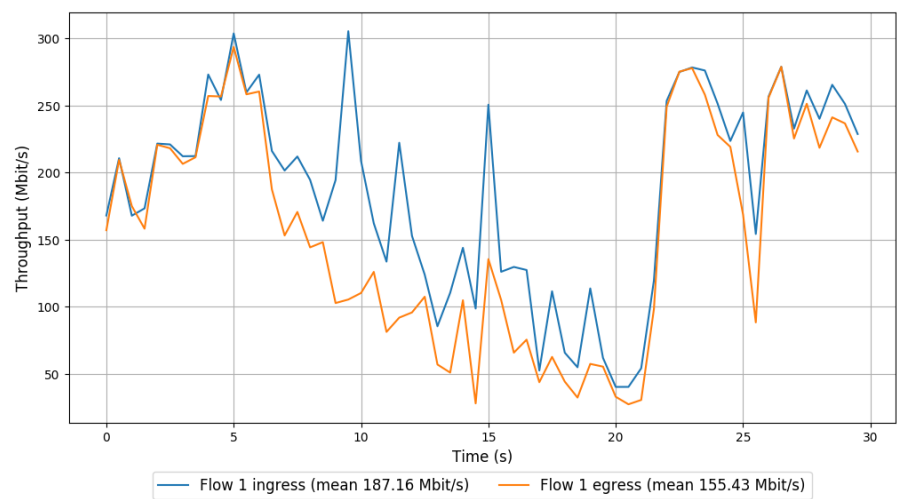
-- Flow 1:

Average throughput: 155.43 Mbit/s

95th percentile per-packet one-way delay: 26.567 ms

Loss rate: 16.95%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Wed, 05 Jul 2017 09:36:04 +0000

End at: Wed, 05 Jul 2017 09:36:34 +0000

Local clock offset: 0.798 ms

Remote clock offset: -2.931 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:31:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 175.18 Mbit/s

95th percentile per-packet one-way delay: 26.005 ms

Loss rate: 9.44%

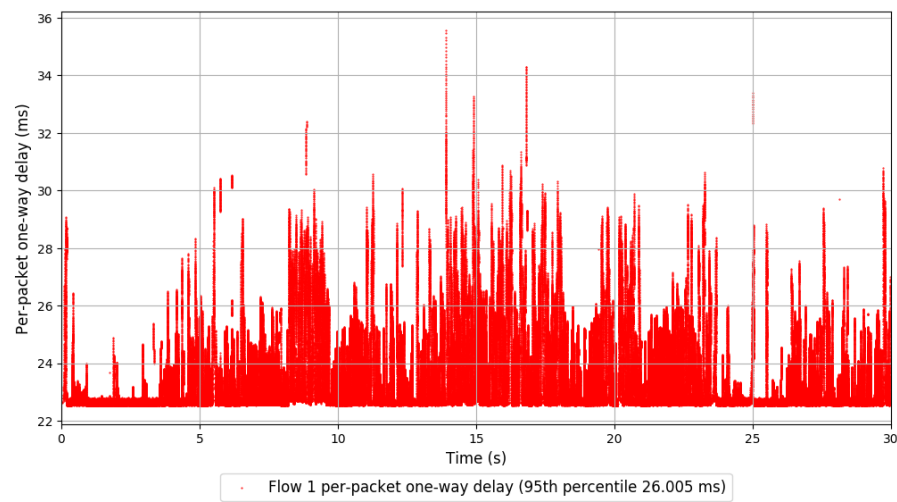
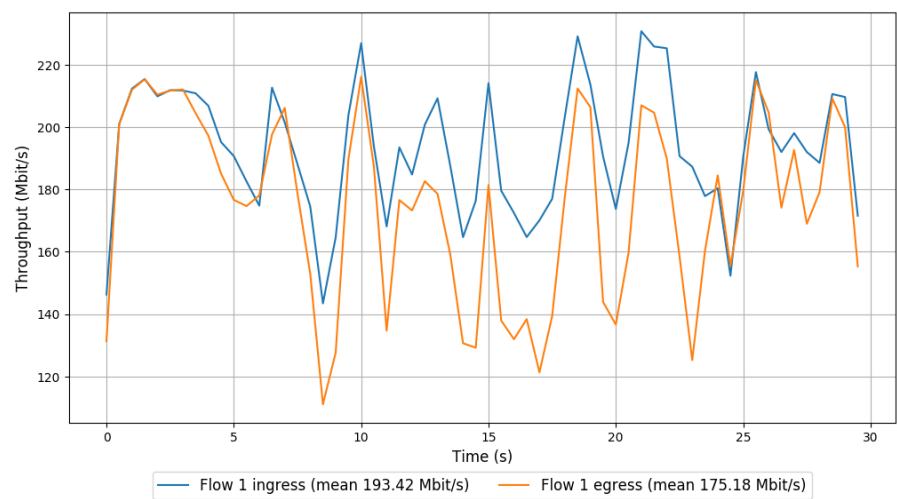
-- Flow 1:

Average throughput: 175.18 Mbit/s

95th percentile per-packet one-way delay: 26.005 ms

Loss rate: 9.44%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Wed, 05 Jul 2017 09:55:31 +0000

End at: Wed, 05 Jul 2017 09:56:01 +0000

Local clock offset: 0.766 ms

Remote clock offset: -3.12 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 209.80 Mbit/s

95th percentile per-packet one-way delay: 25.757 ms

Loss rate: 7.86%

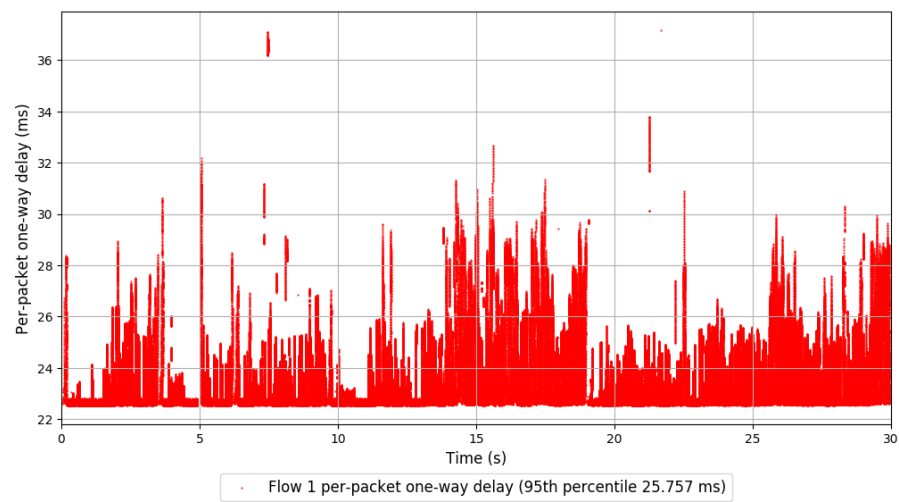
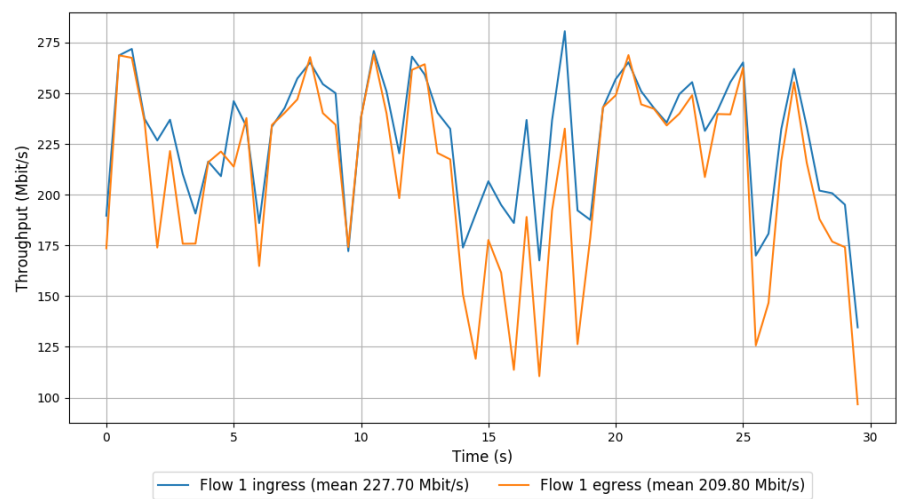
-- Flow 1:

Average throughput: 209.80 Mbit/s

95th percentile per-packet one-way delay: 25.757 ms

Loss rate: 7.86%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Wed, 05 Jul 2017 10:14:47 +0000

End at: Wed, 05 Jul 2017 10:15:17 +0000

Local clock offset: 0.597 ms

Remote clock offset: -3.064 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 175.30 Mbit/s

95th percentile per-packet one-way delay: 27.172 ms

Loss rate: 19.70%

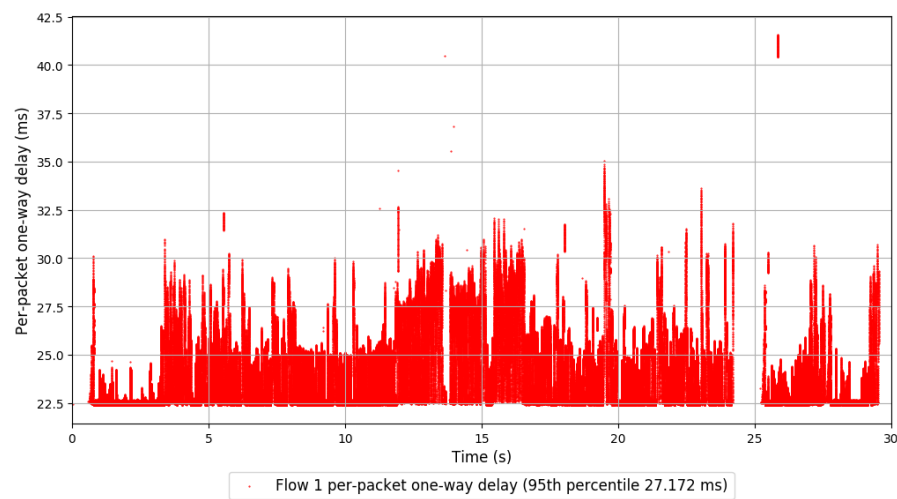
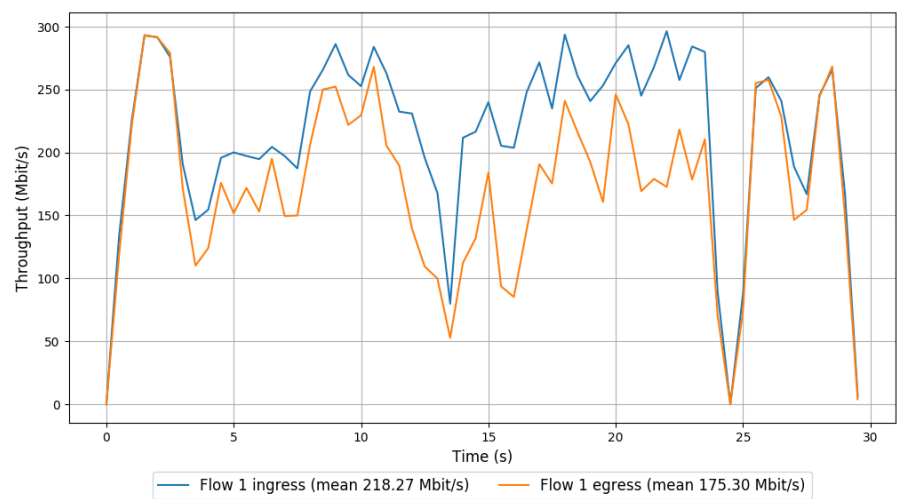
-- Flow 1:

Average throughput: 175.30 Mbit/s

95th percentile per-packet one-way delay: 27.172 ms

Loss rate: 19.70%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 07:23:17 +0000

End at: Wed, 05 Jul 2017 07:23:47 +0000

Local clock offset: 0.655 ms

Remote clock offset: -2.995 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.48 Mbit/s

95th percentile per-packet one-way delay: 22.843 ms

Loss rate: 0.01%

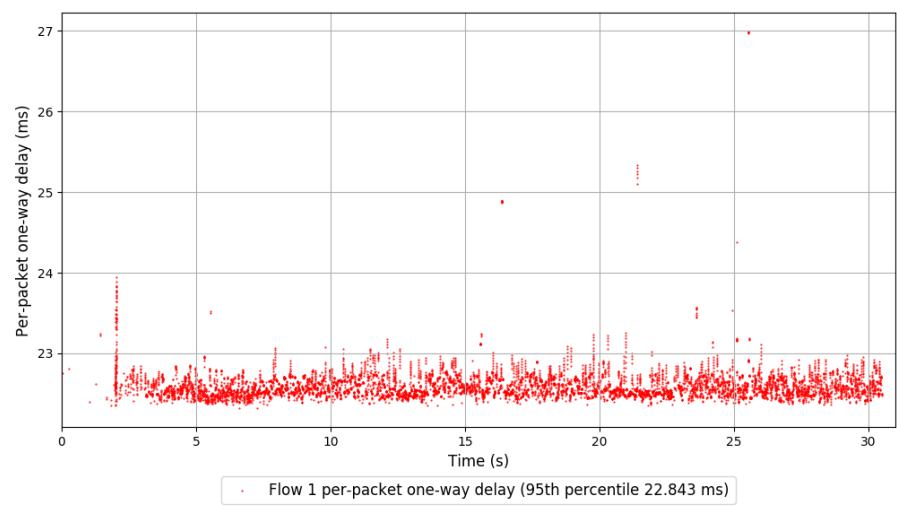
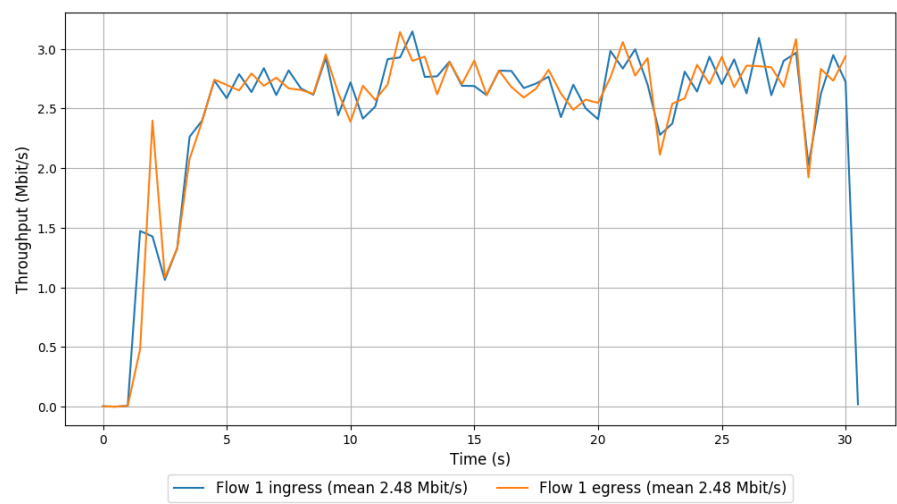
-- Flow 1:

Average throughput: 2.48 Mbit/s

95th percentile per-packet one-way delay: 22.843 ms

Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 07:42:48 +0000

End at: Wed, 05 Jul 2017 07:43:18 +0000

Local clock offset: 0.813 ms

Remote clock offset: -2.644 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

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

Loss rate: 0.00%

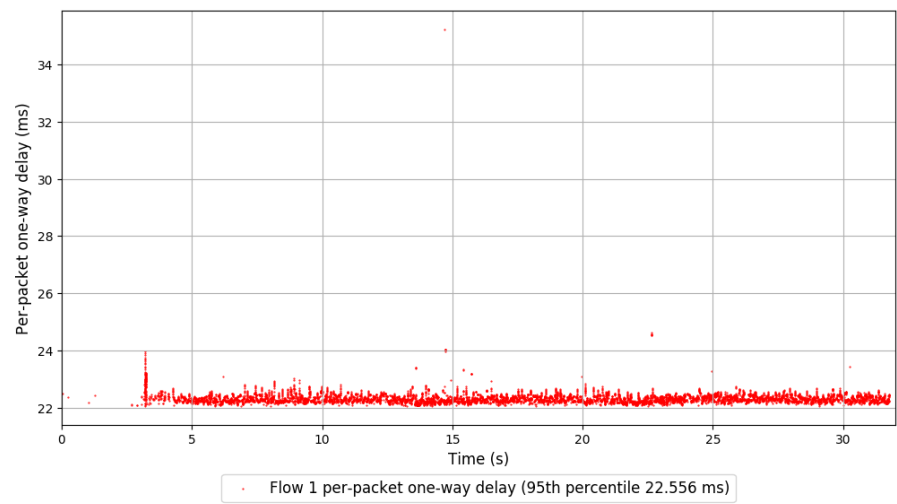
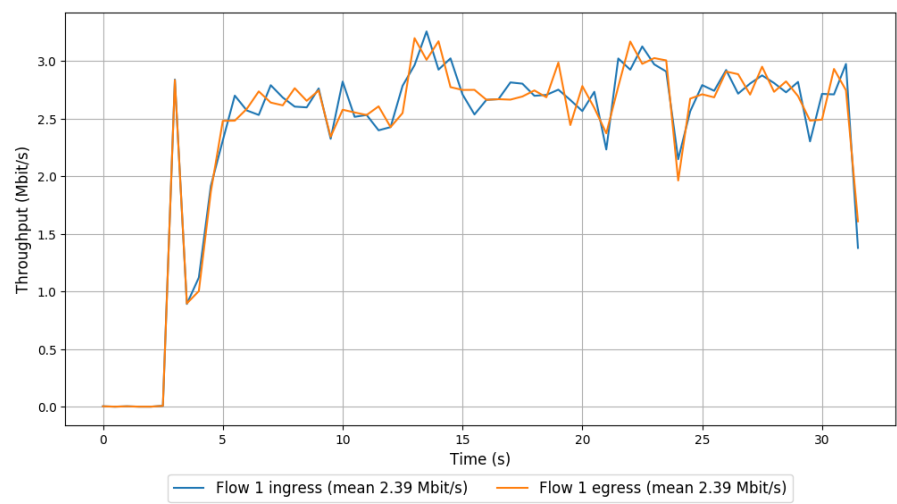
-- Flow 1:

Average throughput: 2.39 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 08:02:55 +0000

End at: Wed, 05 Jul 2017 08:03:25 +0000

Local clock offset: 0.803 ms

Remote clock offset: -2.328 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.362 ms

Loss rate: 0.00%

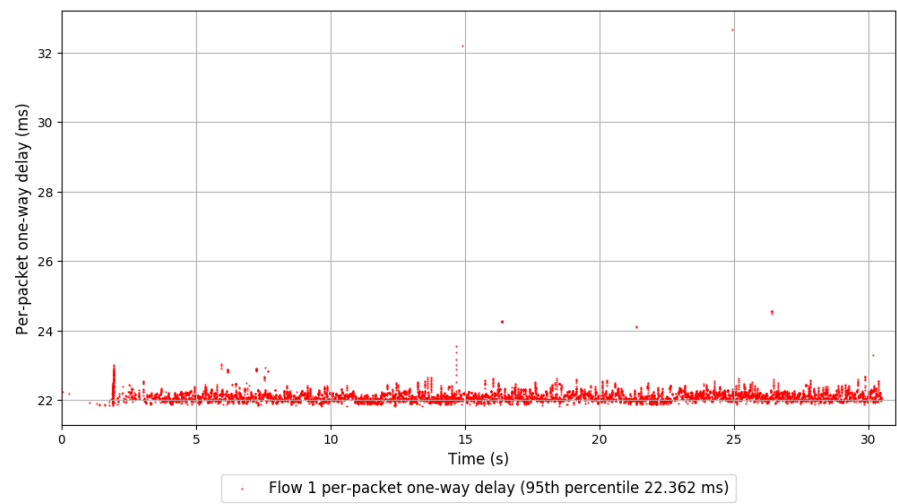
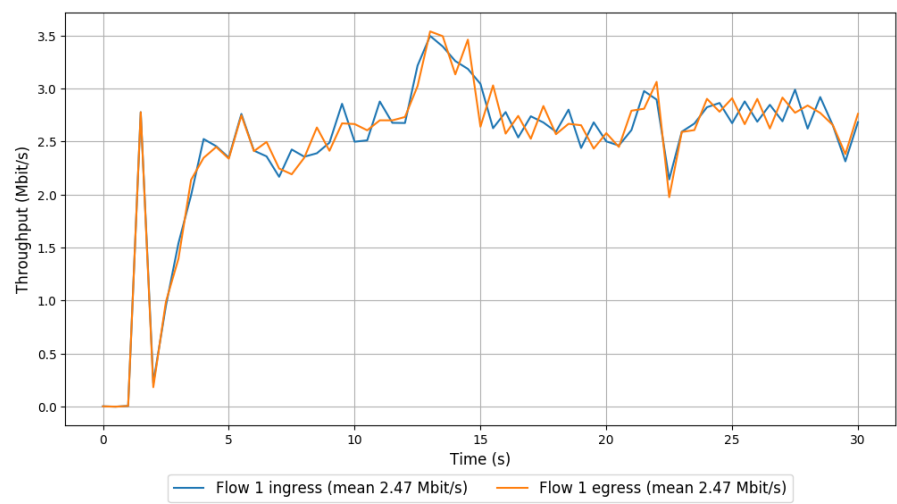
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.362 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 08:22:37 +0000

End at: Wed, 05 Jul 2017 08:23:07 +0000

Local clock offset: 0.954 ms

Remote clock offset: -2.384 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 22.458 ms

Loss rate: 0.00%

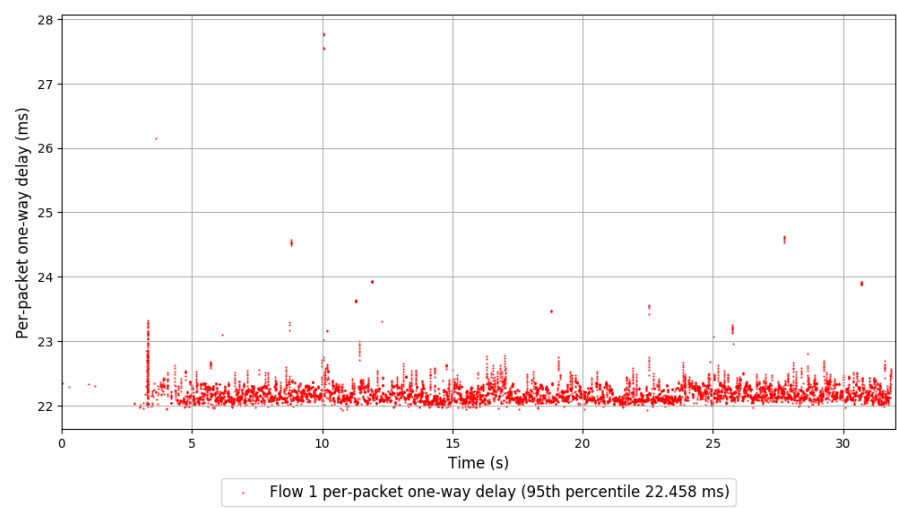
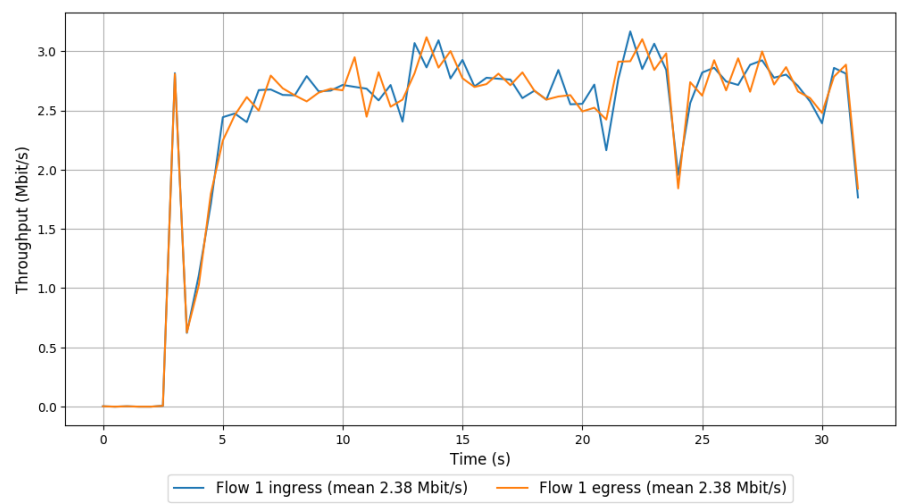
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 22.458 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 08:42:07 +0000

End at: Wed, 05 Jul 2017 08:42:37 +0000

Local clock offset: 0.953 ms

Remote clock offset: -2.519 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 22.537 ms

Loss rate: 0.00%

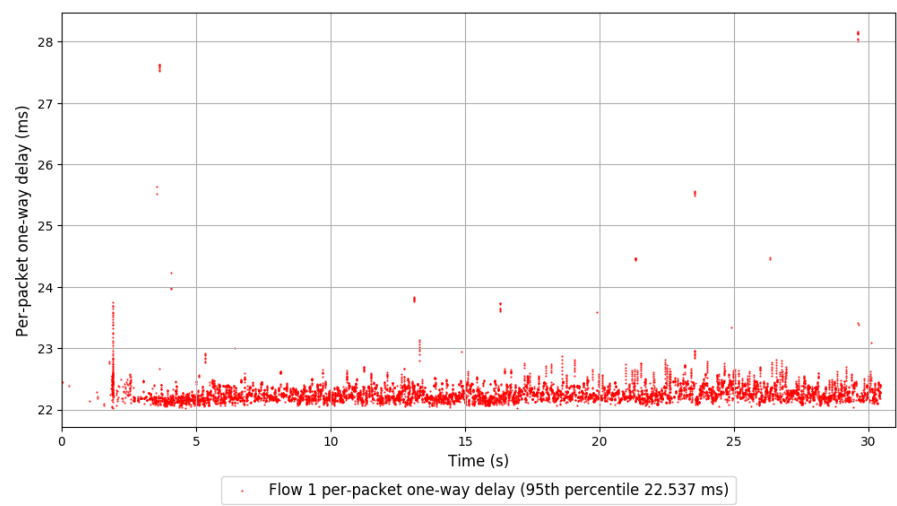
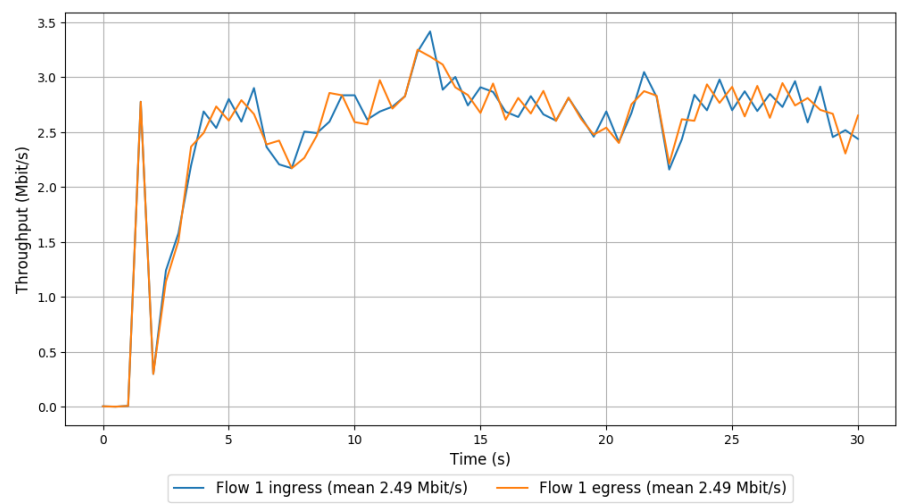
-- Flow 1:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 22.537 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 09:01:45 +0000

End at: Wed, 05 Jul 2017 09:02:15 +0000

Local clock offset: 0.968 ms

Remote clock offset: -2.639 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

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

Loss rate: 0.00%

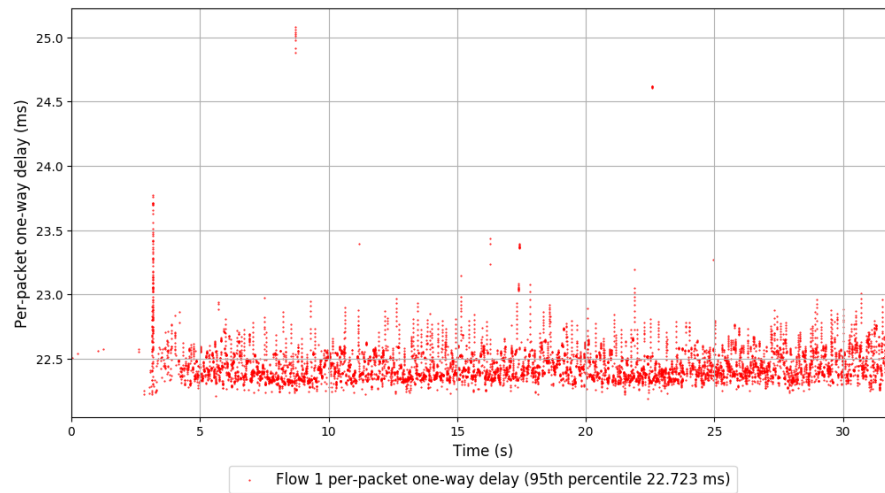
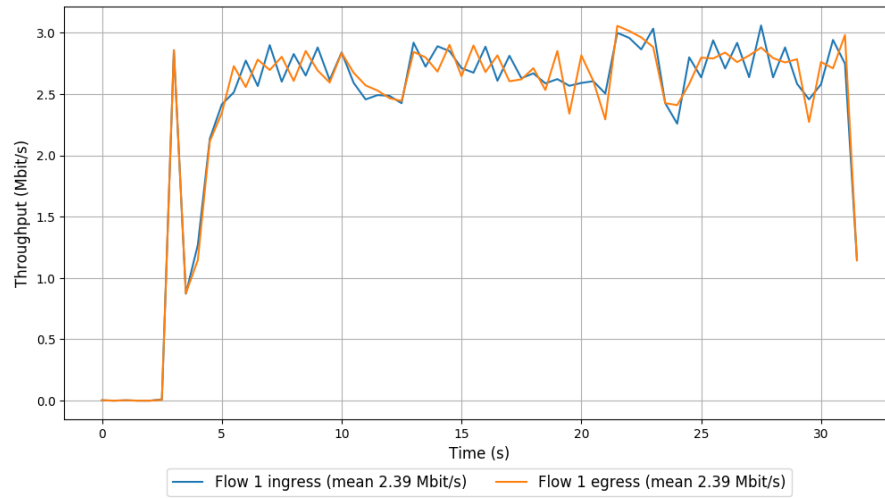
-- Flow 1:

Average throughput: 2.39 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 09:21:37 +0000

End at: Wed, 05 Jul 2017 09:22:07 +0000

Local clock offset: 0.868 ms

Remote clock offset: -2.768 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 22.782 ms

Loss rate: 0.00%

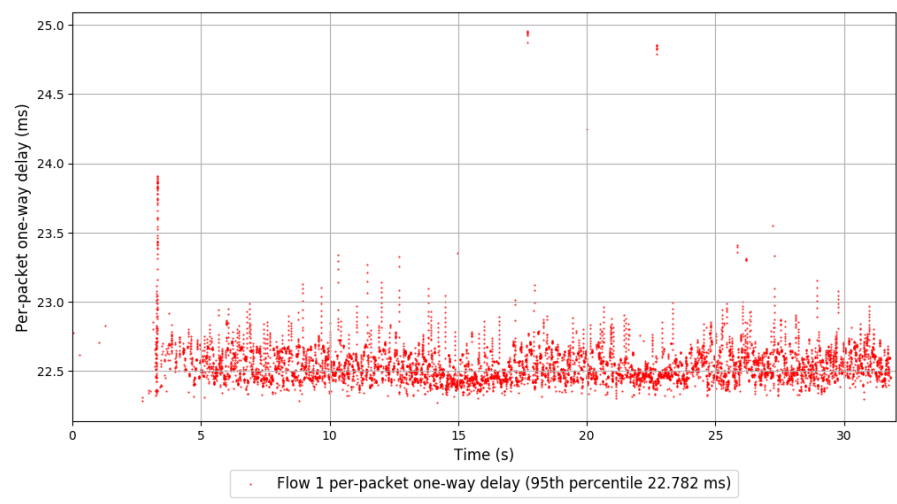
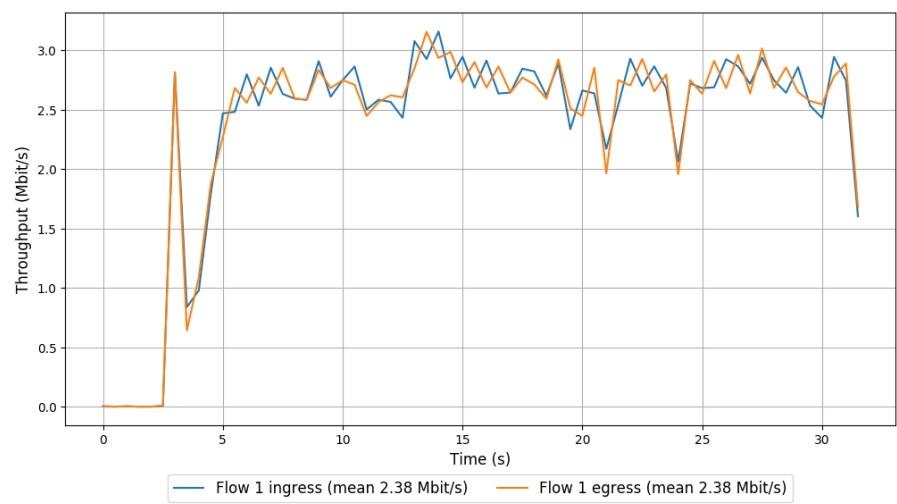
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 22.782 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 09:41:24 +0000

End at: Wed, 05 Jul 2017 09:41:54 +0000

Local clock offset: 0.833 ms

Remote clock offset: -2.952 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 22.983 ms

Loss rate: 0.00%

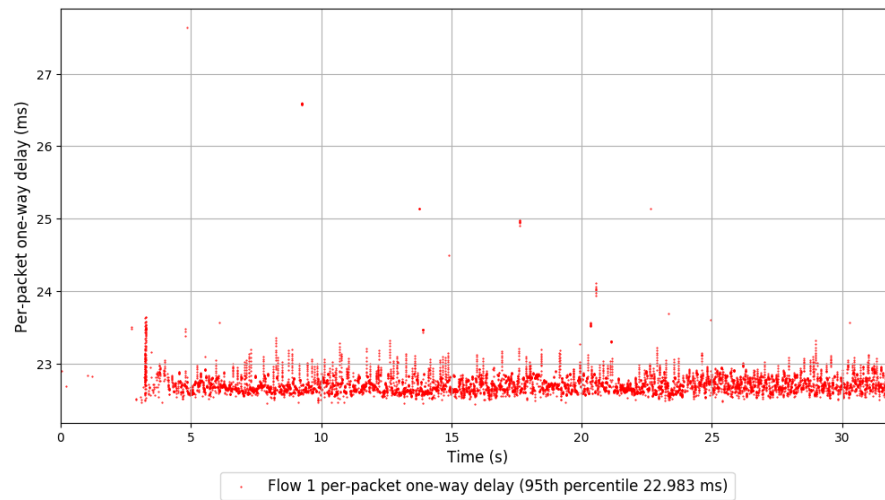
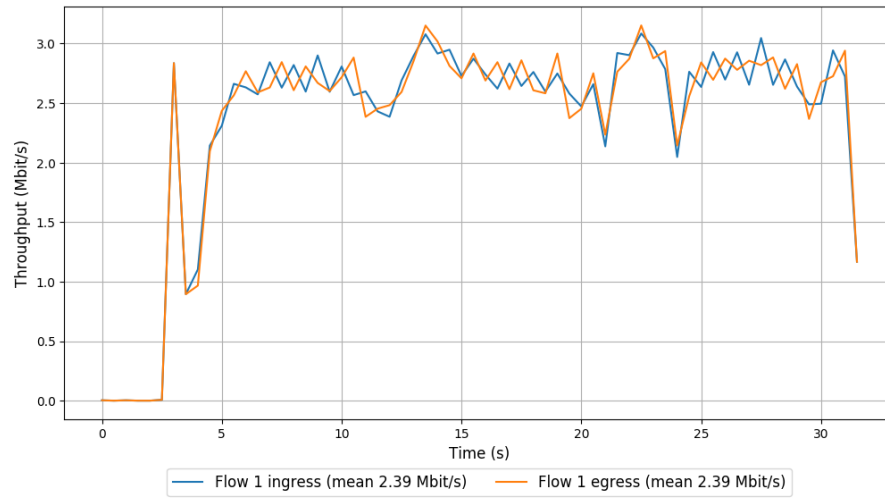
-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 22.983 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:00:45 +0000

End at: Wed, 05 Jul 2017 10:01:15 +0000

Local clock offset: 0.8 ms

Remote clock offset: -3.131 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.962 ms

Loss rate: 0.00%

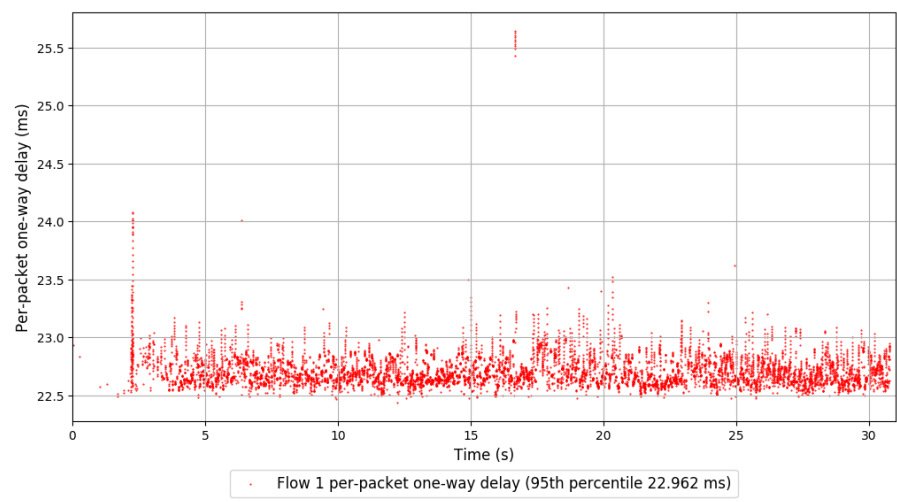
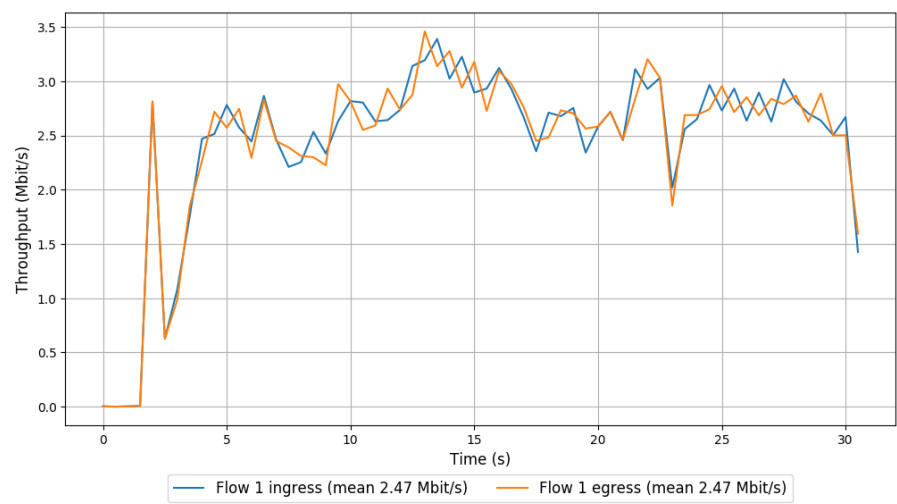
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 22.962 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:20:04 +0000

End at: Wed, 05 Jul 2017 10:20:34 +0000

Local clock offset: 0.609 ms

Remote clock offset: -3.071 ms

Below is generated by plot.py at Wed, 05 Jul 2017 15:33:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 22.847 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 22.847 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

