

Pantheon Summary (Generated at Tue, 01 Aug 2017 09:30:25 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

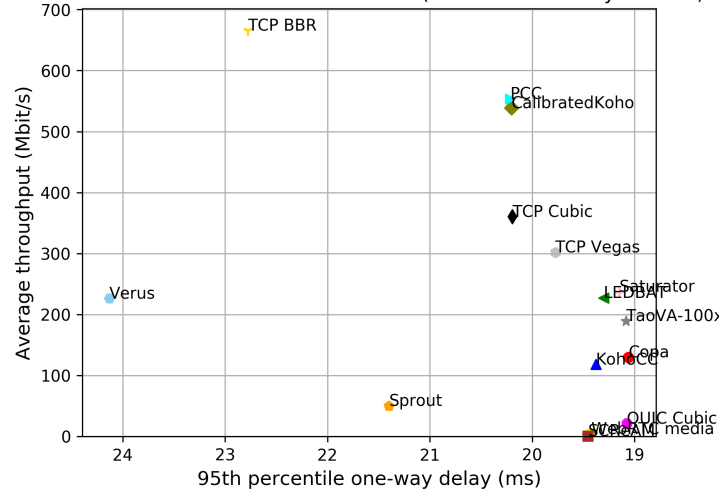
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path: AWS California 1 Ethernet (*local*) → Stanford Ethernet (*remote*).

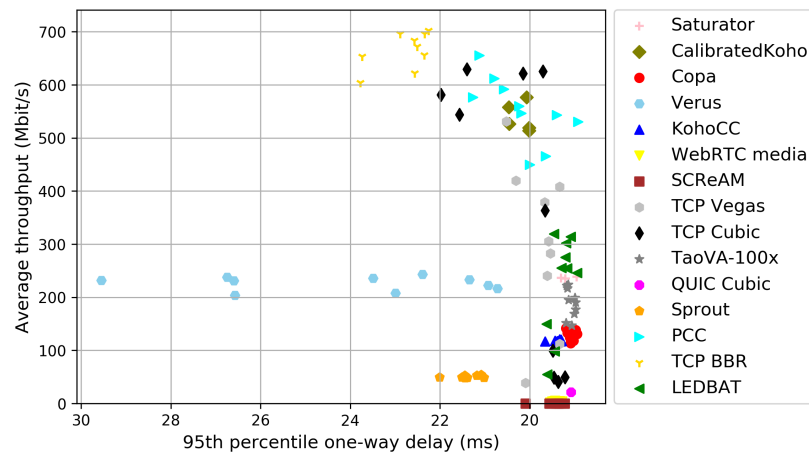
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
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 @ baf443516dea3eeddeccaf9b916cc313273ca4f4
  M scripts/merge-tunnel-logs
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
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
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	350.48	326.83	292.71	23.00	22.42	22.72	0.26	0.31	0.41
CalibratedKoho	10	300.18	270.85	177.90	19.89	20.26	20.60	0.08	0.09	0.11
Copa	10	71.37	63.67	48.82	19.01	19.00	19.05	0.06	0.06	0.04
TCP Cubic	10	188.97	174.79	166.23	19.89	19.96	20.25	0.07	0.08	0.08
KohoCC	10	58.96	60.00	58.73	19.41	19.05	19.34	0.05	0.06	0.06
LEDBAT	10	125.18	107.26	92.66	19.23	19.16	19.06	0.05	0.06	0.06
PCC	10	392.04	166.87	155.36	20.23	19.55	19.76	0.28	0.10	0.15
QUIC Cubic	10	0.30	0.30	65.67	18.83	19.27	19.08	0.00	0.00	0.00
Saturator	10	118.61	118.67	118.12	19.11	19.09	19.17	0.08	0.10	0.11
SCReAM	10	0.21	0.22	0.22	19.58	19.16	19.37	0.03	0.02	0.00
Sprout	10	24.62	24.66	24.28	21.53	21.09	20.90	0.15	0.12	0.12
TaoVA-100x	10	128.22	67.61	48.70	19.05	19.08	18.91	0.03	0.03	0.04
TCP Vegas	10	162.47	140.85	130.34	19.58	19.57	20.12	0.04	0.06	0.05
Verus	10	140.70	92.55	74.48	25.57	24.41	21.62	0.11	0.09	0.11
WebRTC media	10	2.08	1.53	0.54	19.50	19.32	19.54	0.05	0.05	0.03

Run 1: Statistics of TCP BBR

Start at: Mon, 31 Jul 2017 23:39:21 +0000

End at: Mon, 31 Jul 2017 23:39:51 +0000

Local clock offset: 0.295 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:51:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 702.33 Mbit/s

95th percentile per-packet one-way delay: 22.253 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 365.88 Mbit/s

95th percentile per-packet one-way delay: 21.288 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 356.84 Mbit/s

95th percentile per-packet one-way delay: 21.431 ms

Loss rate: 0.16%

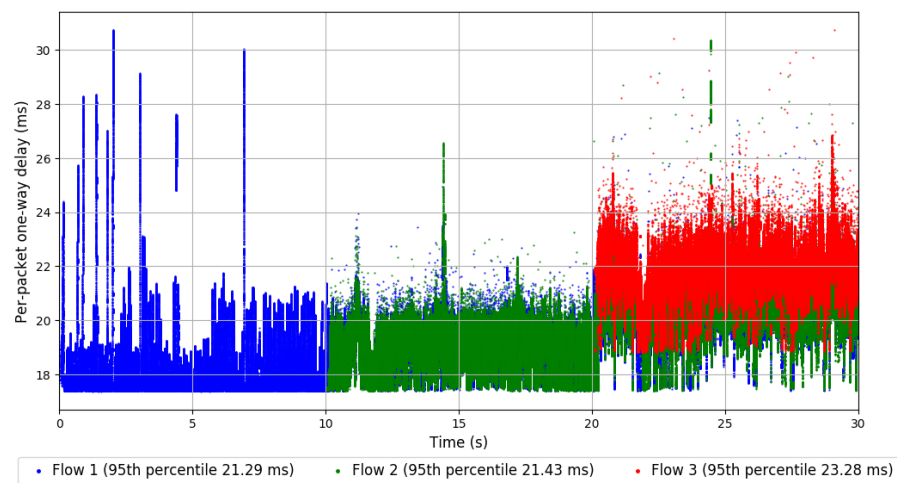
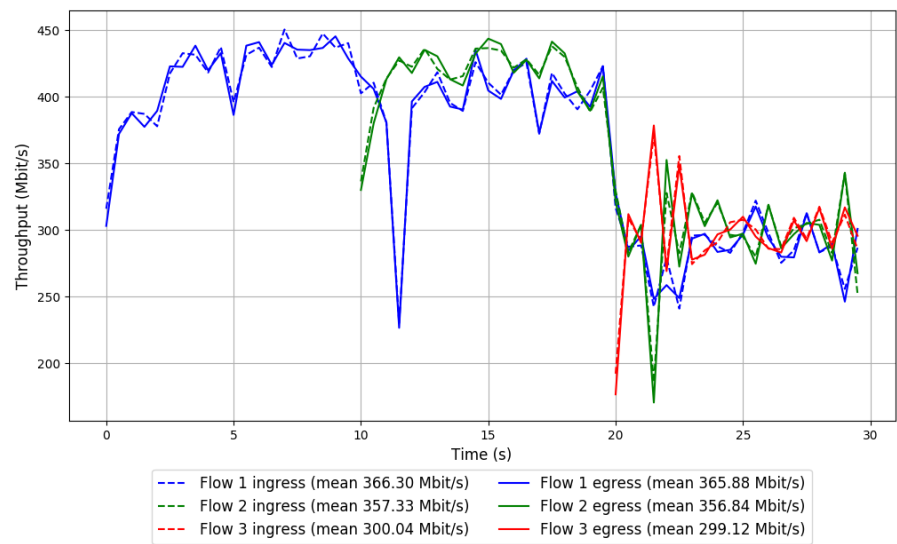
-- Flow 3:

Average throughput: 299.12 Mbit/s

95th percentile per-packet one-way delay: 23.278 ms

Loss rate: 0.28%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 00:00:28 +0000

End at: Tue, 01 Aug 2017 00:00:58 +0000

Local clock offset: 0.486 ms

Remote clock offset: -1.553 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:51:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 683.91 Mbit/s

95th percentile per-packet one-way delay: 22.575 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 357.30 Mbit/s

95th percentile per-packet one-way delay: 22.580 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 339.54 Mbit/s

95th percentile per-packet one-way delay: 22.399 ms

Loss rate: 0.19%

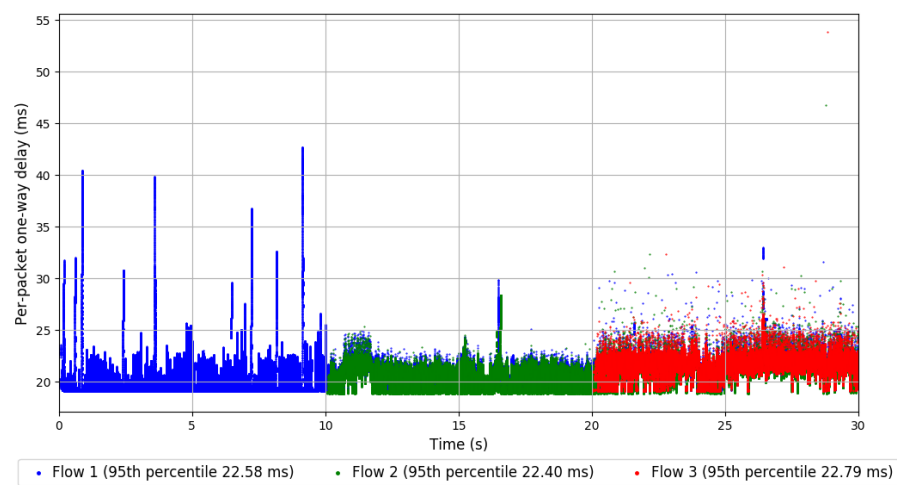
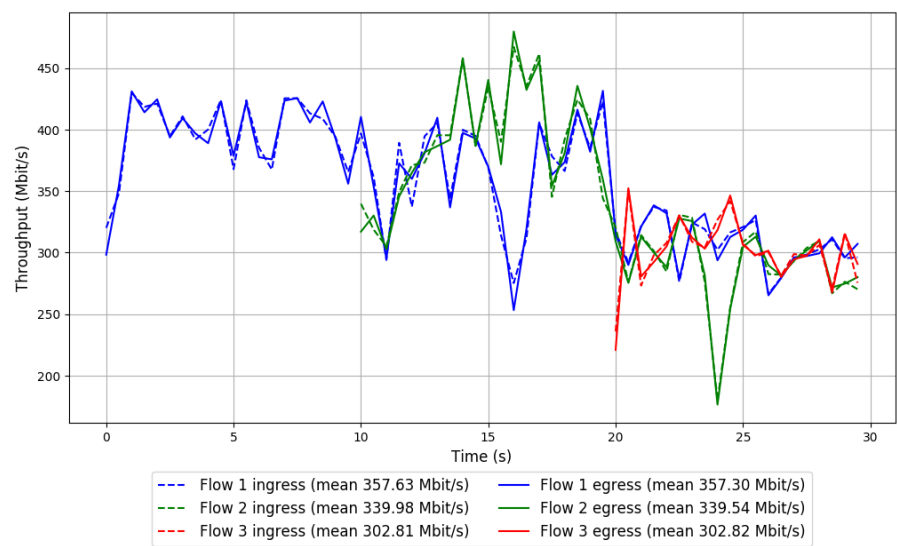
-- Flow 3:

Average throughput: 302.82 Mbit/s

95th percentile per-packet one-way delay: 22.785 ms

Loss rate: 0.09%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 00:21:16 +0000

End at: Tue, 01 Aug 2017 00:21:46 +0000

Local clock offset: 0.824 ms

Remote clock offset: -1.032 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:53:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 672.41 Mbit/s

95th percentile per-packet one-way delay: 22.510 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 353.21 Mbit/s

95th percentile per-packet one-way delay: 22.583 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 325.81 Mbit/s

95th percentile per-packet one-way delay: 22.383 ms

Loss rate: 0.17%

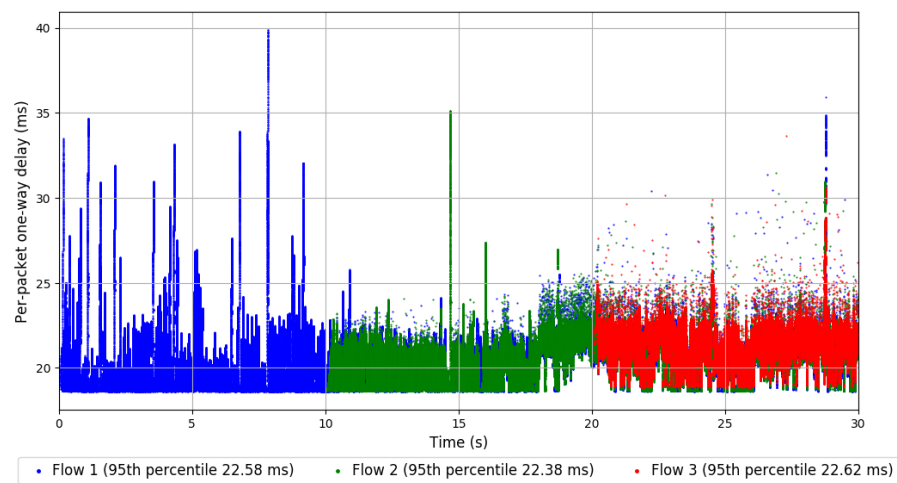
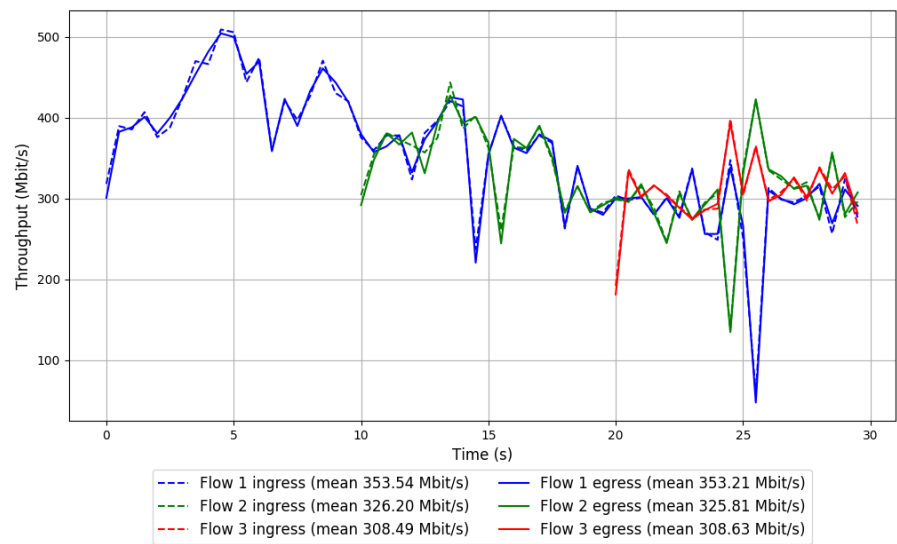
-- Flow 3:

Average throughput: 308.63 Mbit/s

95th percentile per-packet one-way delay: 22.617 ms

Loss rate: 0.09%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 00:42:16 +0000

End at: Tue, 01 Aug 2017 00:42:46 +0000

Local clock offset: 0.936 ms

Remote clock offset: -0.824 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:53:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 653.28 Mbit/s

95th percentile per-packet one-way delay: 23.737 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 360.87 Mbit/s

95th percentile per-packet one-way delay: 24.036 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 306.18 Mbit/s

95th percentile per-packet one-way delay: 23.329 ms

Loss rate: 0.18%

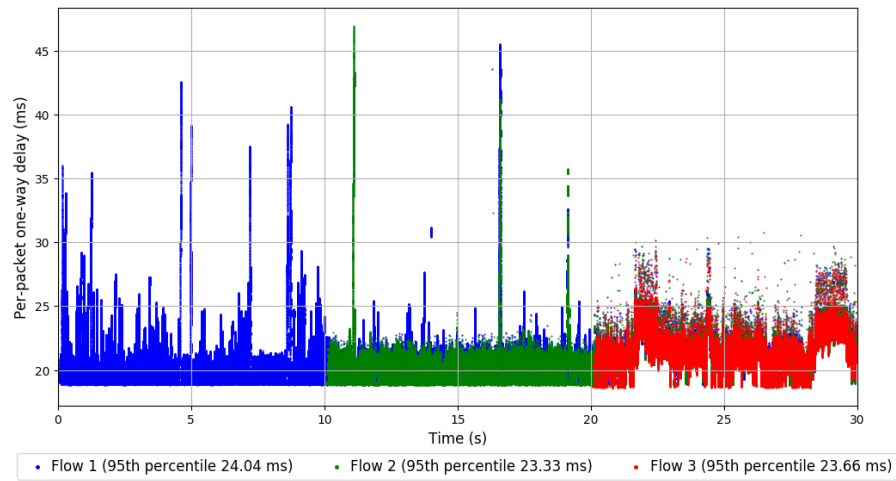
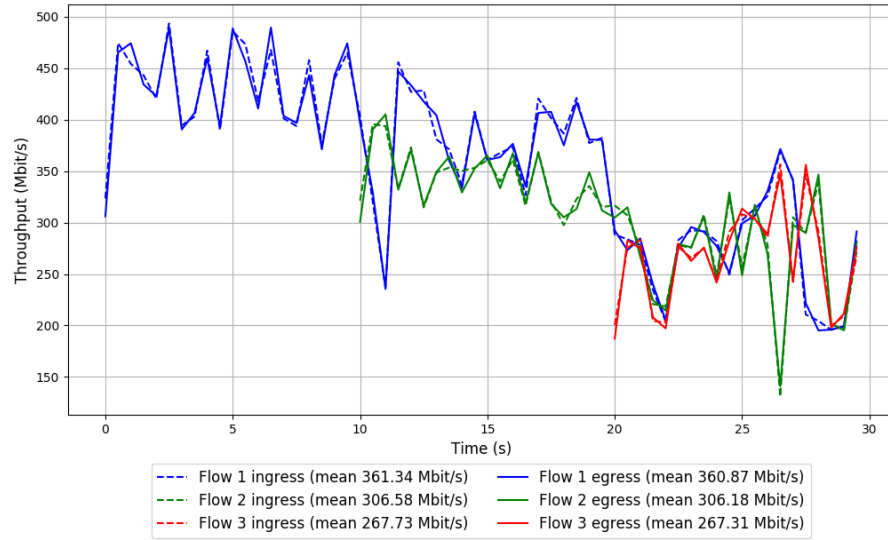
-- Flow 3:

Average throughput: 267.31 Mbit/s

95th percentile per-packet one-way delay: 23.659 ms

Loss rate: 0.30%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 01:02:14 +0000

End at: Tue, 01 Aug 2017 01:02:44 +0000

Local clock offset: 0.795 ms

Remote clock offset: -0.68 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:54:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 604.29 Mbit/s

95th percentile per-packet one-way delay: 23.779 ms

Loss rate: 1.13%

-- Flow 1:

Average throughput: 311.12 Mbit/s

95th percentile per-packet one-way delay: 27.703 ms

Loss rate: 1.06%

-- Flow 2:

Average throughput: 301.66 Mbit/s

95th percentile per-packet one-way delay: 22.194 ms

Loss rate: 1.08%

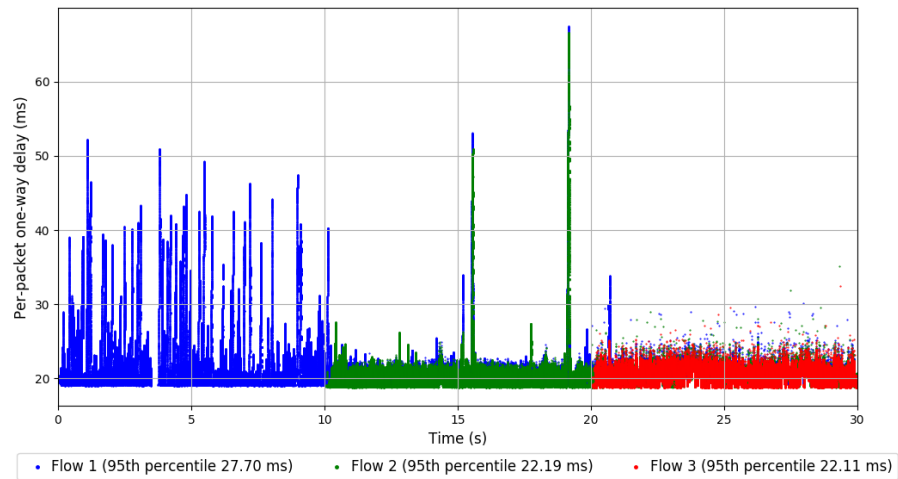
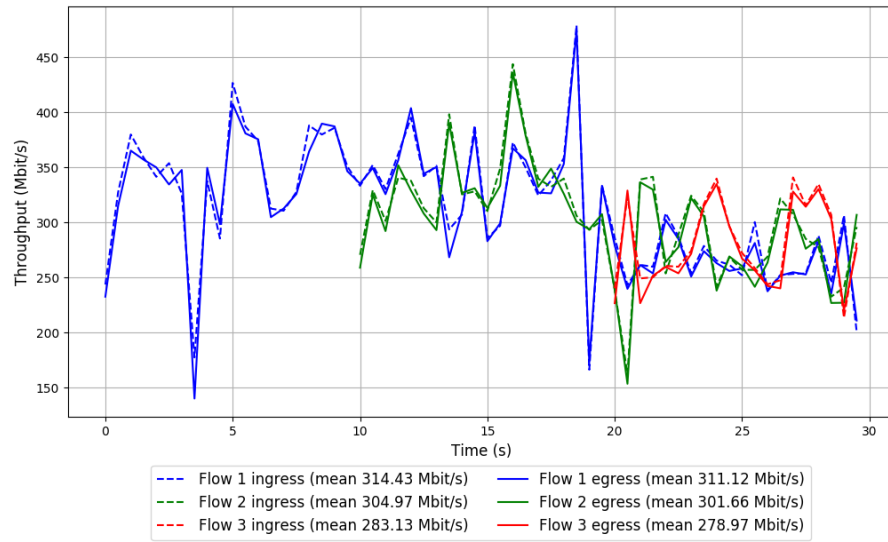
-- Flow 3:

Average throughput: 278.97 Mbit/s

95th percentile per-packet one-way delay: 22.115 ms

Loss rate: 1.47%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 01:22:47 +0000

End at: Tue, 01 Aug 2017 01:23:17 +0000

Local clock offset: 0.815 ms

Remote clock offset: -0.53 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:54:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 622.07 Mbit/s

95th percentile per-packet one-way delay: 22.563 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 329.49 Mbit/s

95th percentile per-packet one-way delay: 22.805 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 304.91 Mbit/s

95th percentile per-packet one-way delay: 22.343 ms

Loss rate: 0.51%

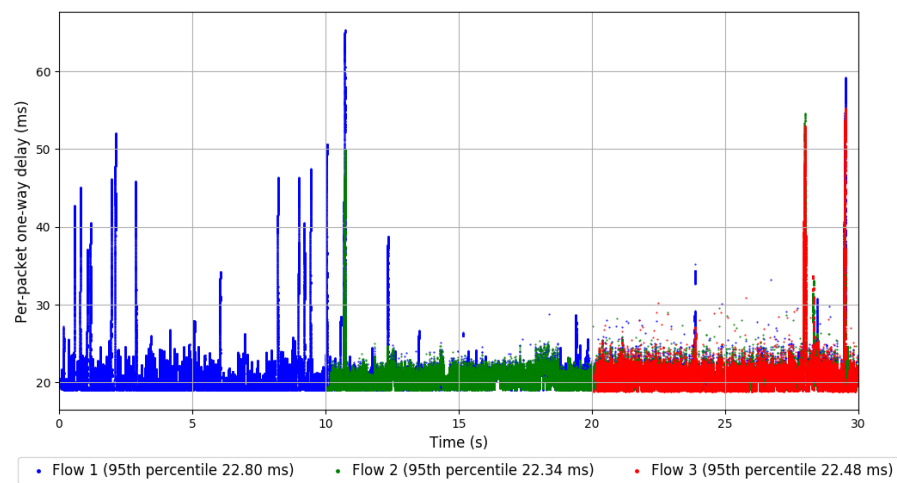
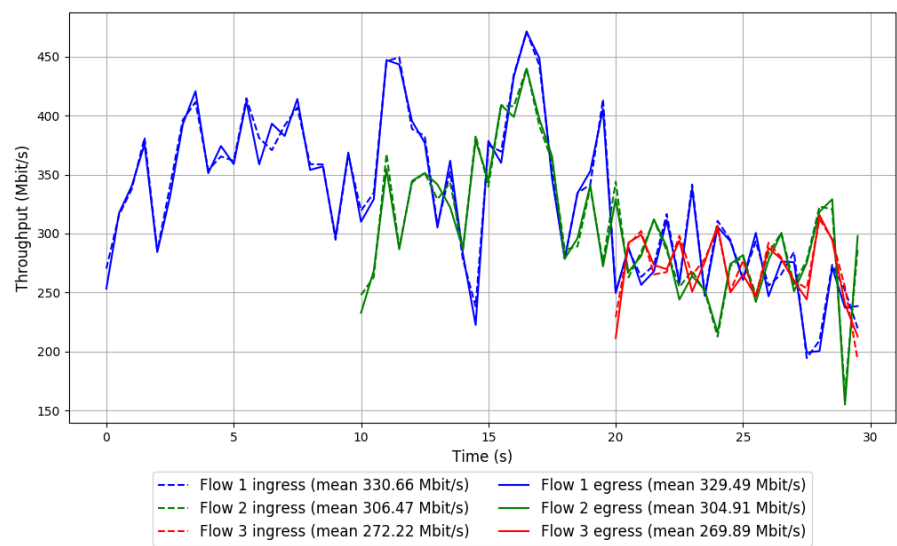
-- Flow 3:

Average throughput: 269.89 Mbit/s

95th percentile per-packet one-way delay: 22.476 ms

Loss rate: 0.85%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 01:43:32 +0000

End at: Tue, 01 Aug 2017 01:44:02 +0000

Local clock offset: 0.991 ms

Remote clock offset: -1.02 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:56:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 655.88 Mbit/s

95th percentile per-packet one-way delay: 22.346 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 345.80 Mbit/s

95th percentile per-packet one-way delay: 21.113 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 313.84 Mbit/s

95th percentile per-packet one-way delay: 22.374 ms

Loss rate: 0.41%

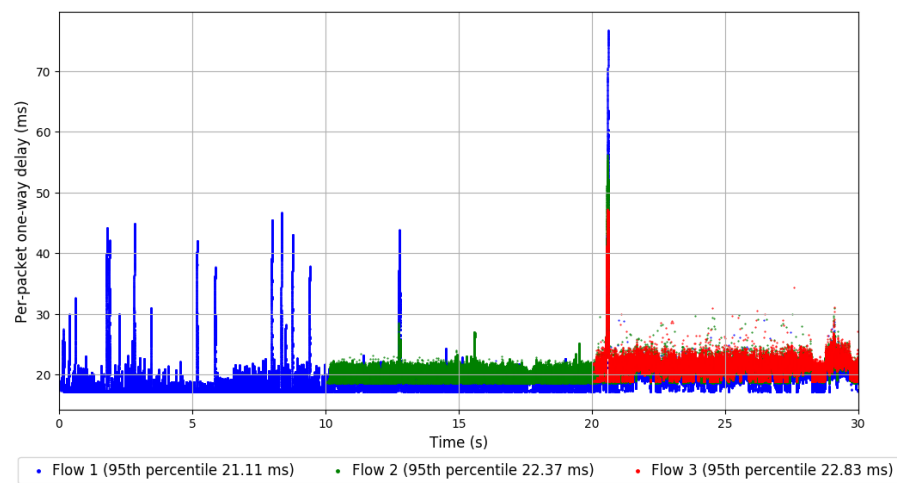
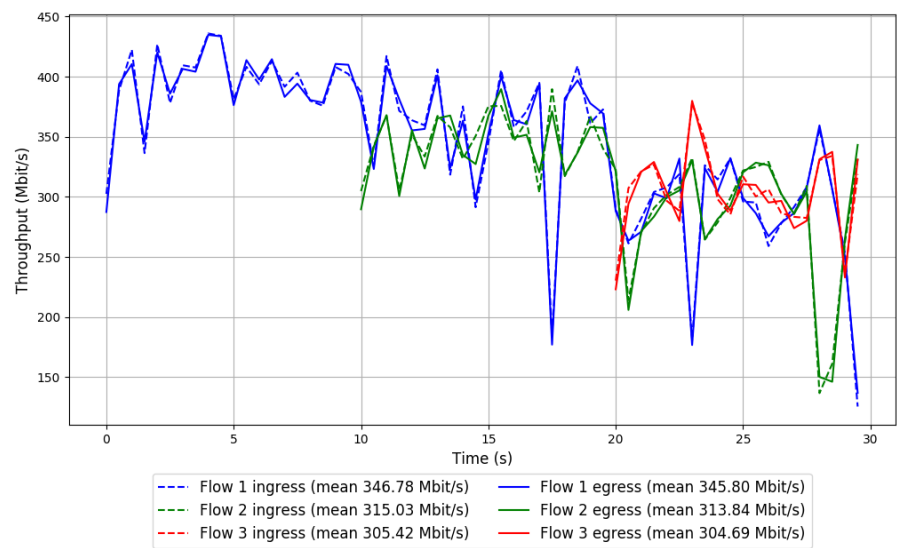
-- Flow 3:

Average throughput: 304.69 Mbit/s

95th percentile per-packet one-way delay: 22.833 ms

Loss rate: 0.23%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 02:05:02 +0000

End at: Tue, 01 Aug 2017 02:05:32 +0000

Local clock offset: 0.885 ms

Remote clock offset: -1.278 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:56:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 696.03 Mbit/s

95th percentile per-packet one-way delay: 22.341 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 362.17 Mbit/s

95th percentile per-packet one-way delay: 22.276 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 347.34 Mbit/s

95th percentile per-packet one-way delay: 22.581 ms

Loss rate: 0.06%

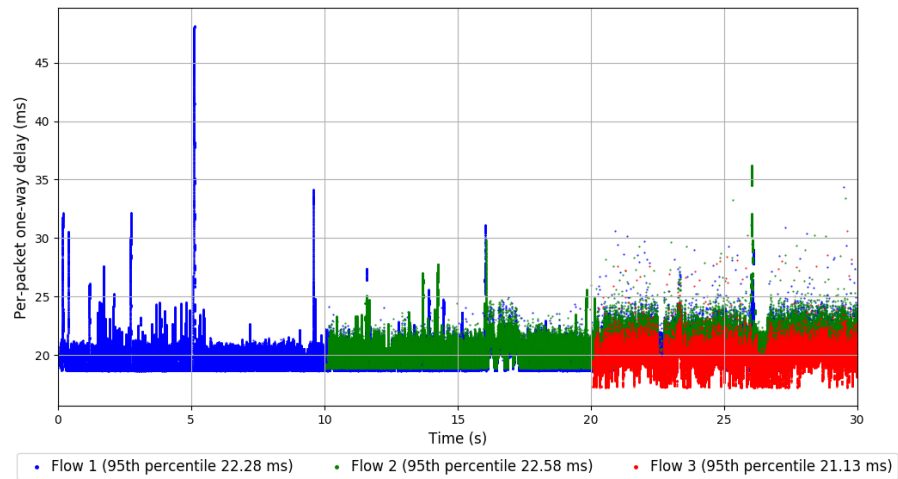
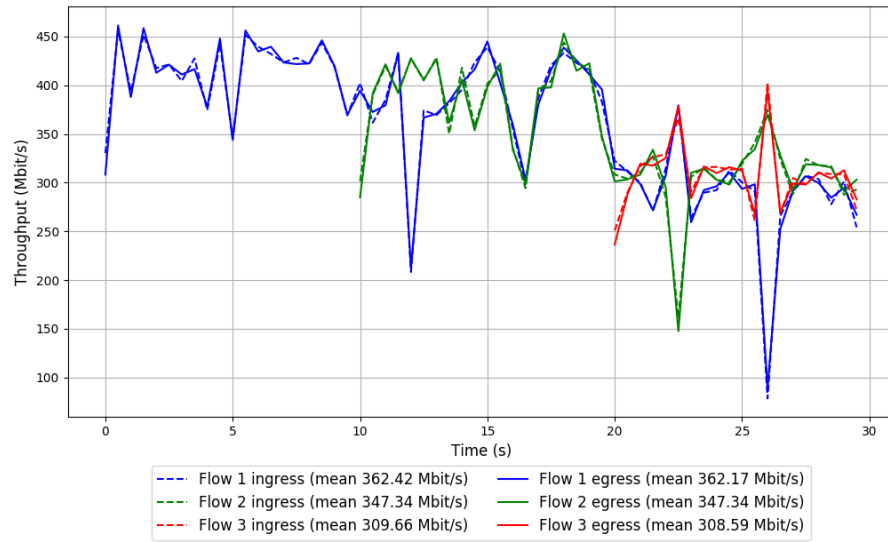
-- Flow 3:

Average throughput: 308.59 Mbit/s

95th percentile per-packet one-way delay: 21.126 ms

Loss rate: 0.33%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Tue, 01 Aug 2017 02:26:02 +0000

End at: Tue, 01 Aug 2017 02:26:32 +0000

Local clock offset: 0.765 ms

Remote clock offset: -1.301 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:57:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 696.14 Mbit/s

95th percentile per-packet one-way delay: 22.889 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 368.44 Mbit/s

95th percentile per-packet one-way delay: 22.616 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 345.31 Mbit/s

95th percentile per-packet one-way delay: 22.706 ms

Loss rate: 0.04%

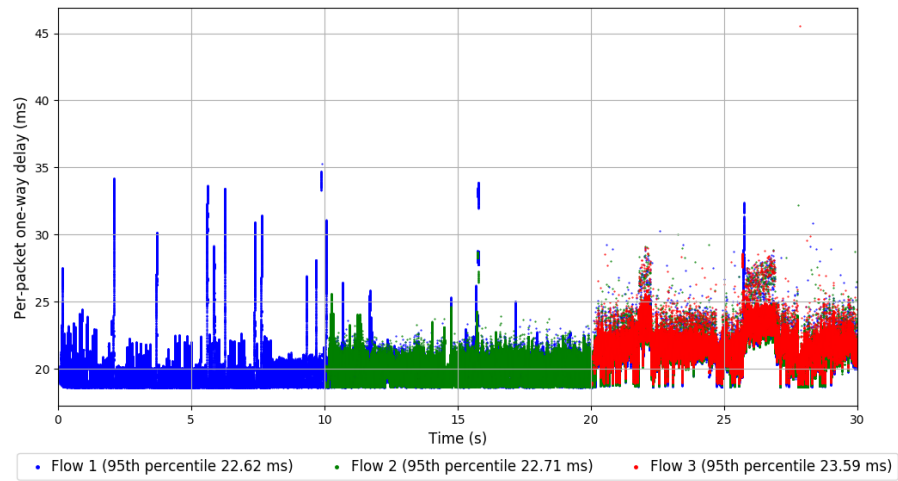
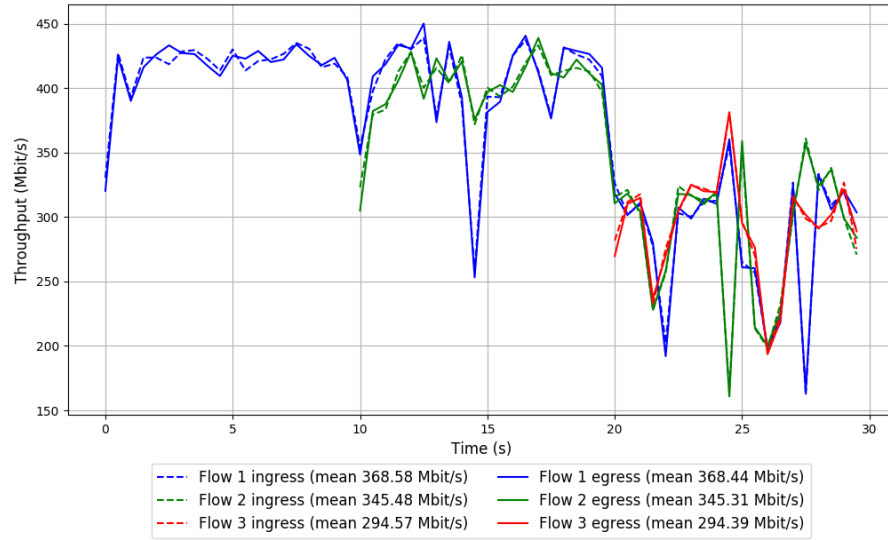
-- Flow 3:

Average throughput: 294.39 Mbit/s

95th percentile per-packet one-way delay: 23.588 ms

Loss rate: 0.04%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

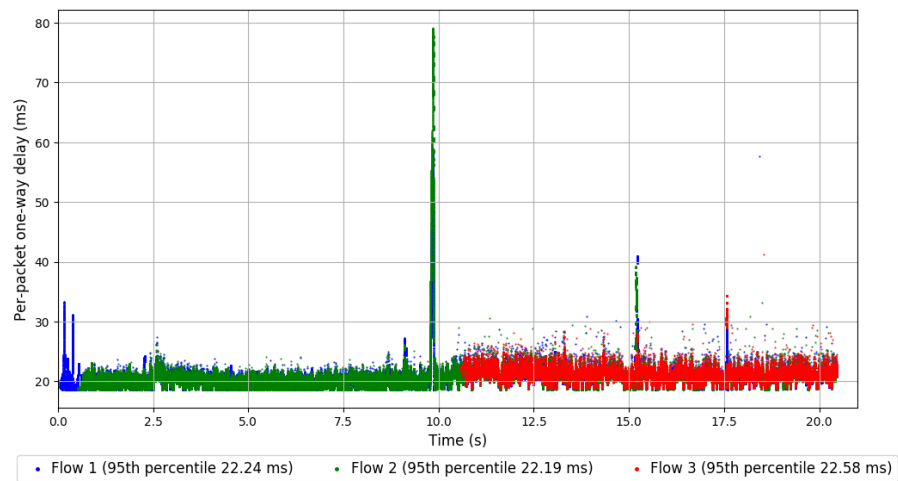
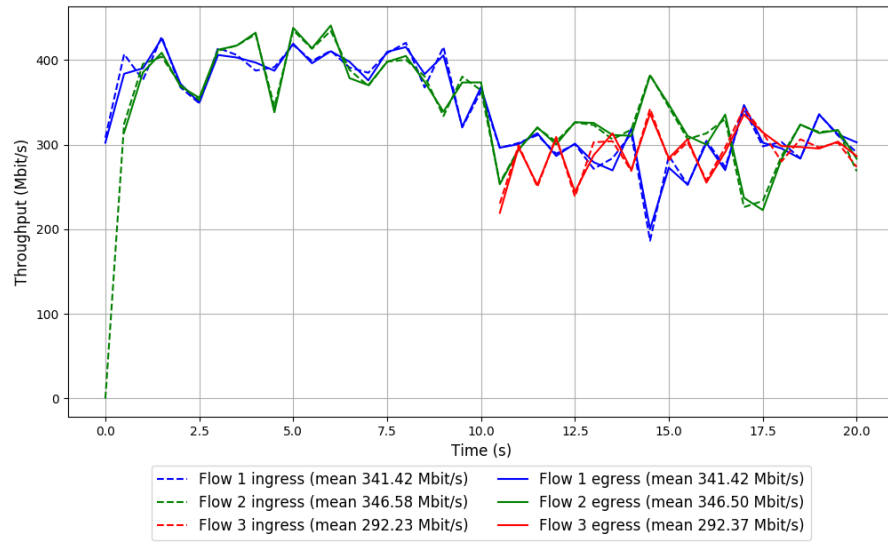
Start at: Tue, 01 Aug 2017 02:47:49 +0000

End at: Tue, 01 Aug 2017 02:48:19 +0000

Local clock offset: 0.449 ms

Remote clock offset: -1.373 ms

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

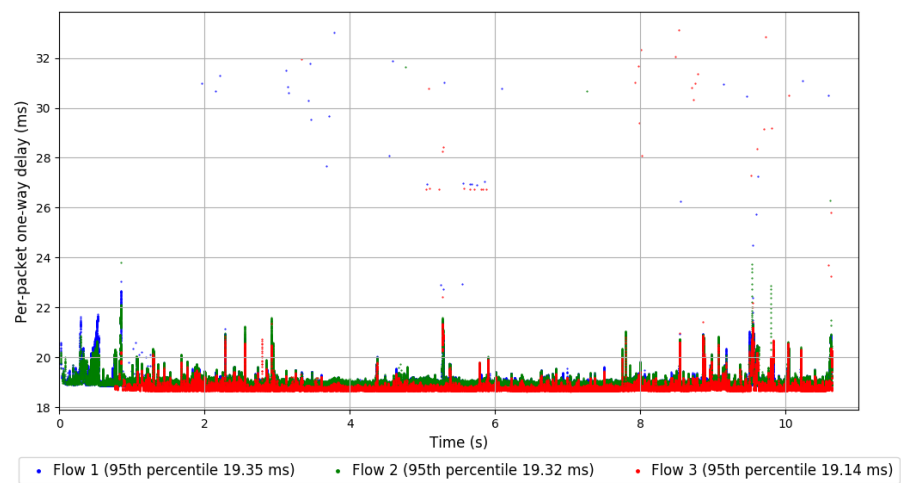
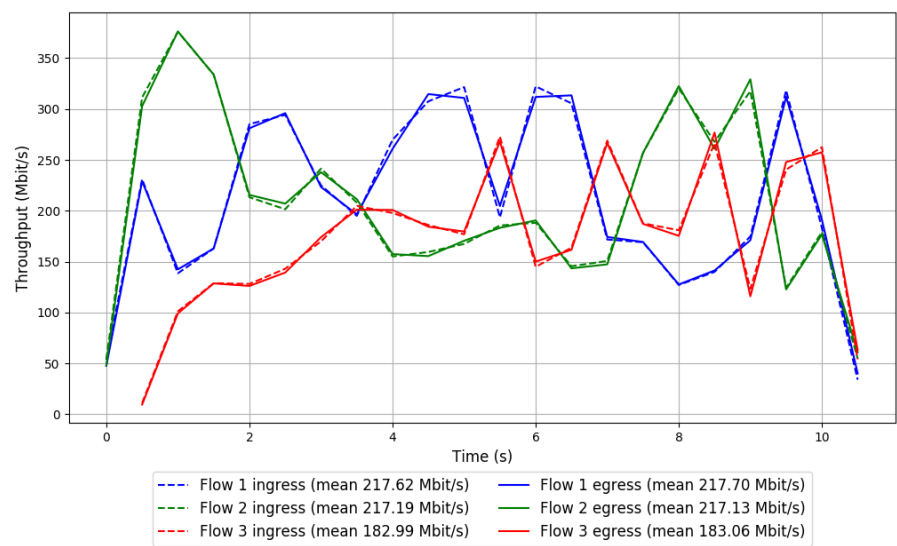
Start at: Mon, 31 Jul 2017 23:53:20 +0000

End at: Mon, 31 Jul 2017 23:53:50 +0000

Local clock offset: 0.472 ms

Remote clock offset: -1.736 ms

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 00:14:13 +0000

End at: Tue, 01 Aug 2017 00:14:43 +0000

Local clock offset: 0.684 ms

Remote clock offset: -1.28 ms

Below is generated by plot.py at Tue, 01 Aug 2017 08:58:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 576.66 Mbit/s

95th percentile per-packet one-way delay: 20.065 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 375.82 Mbit/s

95th percentile per-packet one-way delay: 20.414 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 193.42 Mbit/s

95th percentile per-packet one-way delay: 19.281 ms

Loss rate: 0.02%

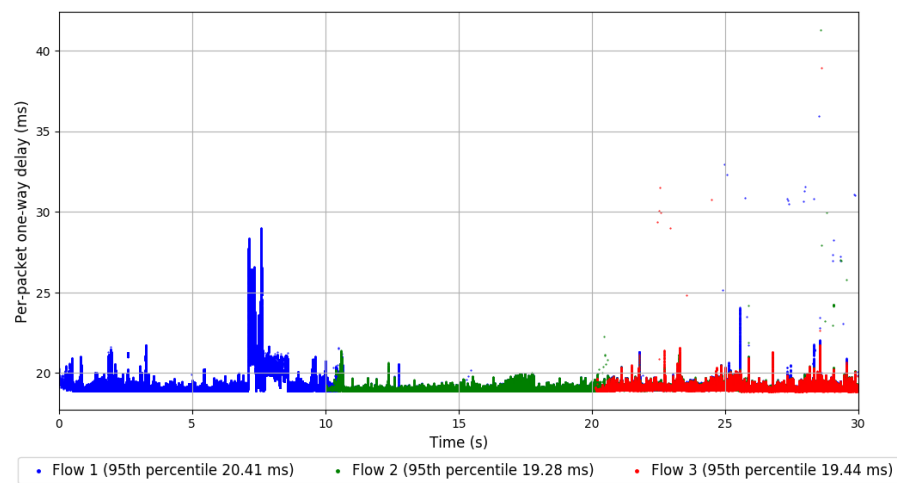
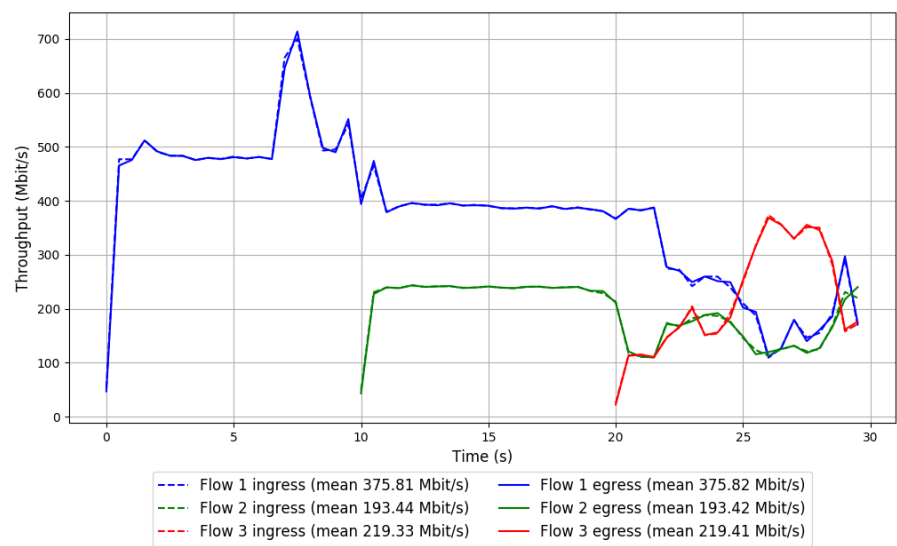
-- Flow 3:

Average throughput: 219.41 Mbit/s

95th percentile per-packet one-way delay: 19.437 ms

Loss rate: 0.03%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

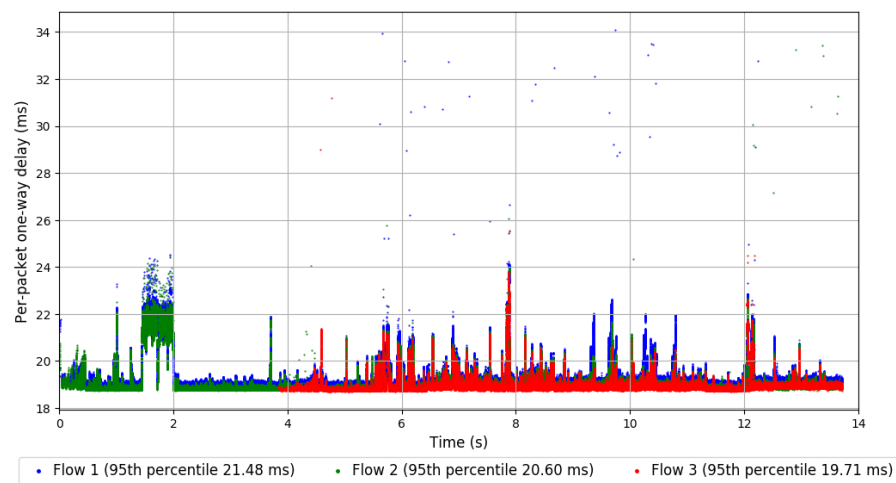
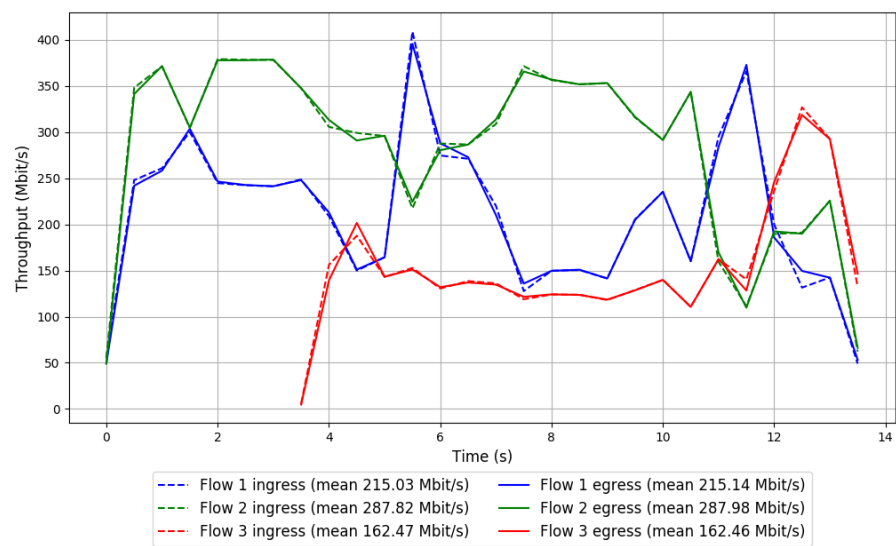
Start at: Tue, 01 Aug 2017 00:35:12 +0000

End at: Tue, 01 Aug 2017 00:35:42 +0000

Local clock offset: 0.793 ms

Remote clock offset: -0.725 ms

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

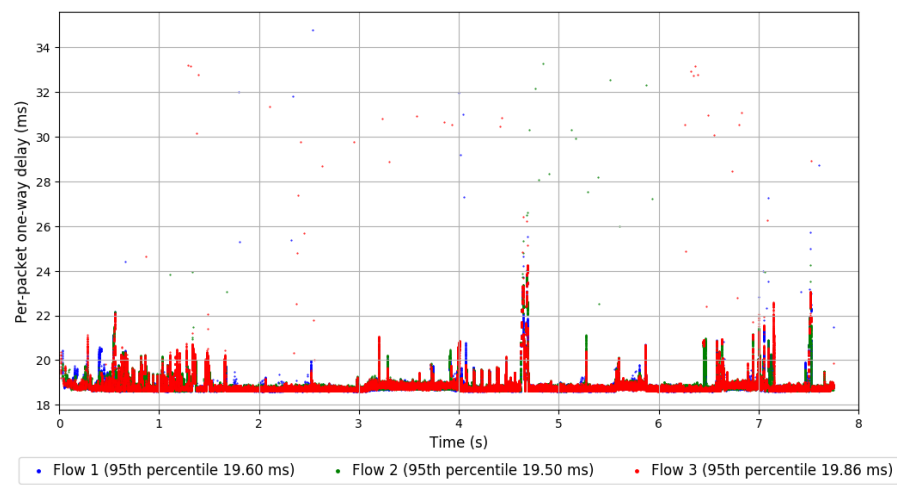
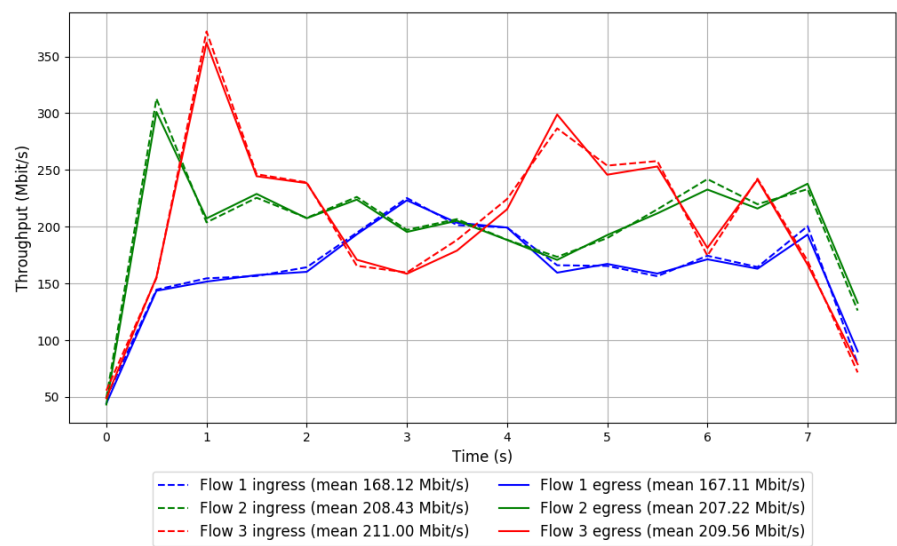
Start at: Tue, 01 Aug 2017 00:55:39 +0000

End at: Tue, 01 Aug 2017 00:56:09 +0000

Local clock offset: 0.928 ms

Remote clock offset: -0.8 ms

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 01:15:40 +0000

End at: Tue, 01 Aug 2017 01:16:10 +0000

Local clock offset: 0.794 ms

Remote clock offset: -0.612 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:00:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 519.52 Mbit/s

95th percentile per-packet one-way delay: 20.009 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 252.93 Mbit/s

95th percentile per-packet one-way delay: 19.582 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 313.27 Mbit/s

95th percentile per-packet one-way delay: 19.931 ms

Loss rate: 0.38%

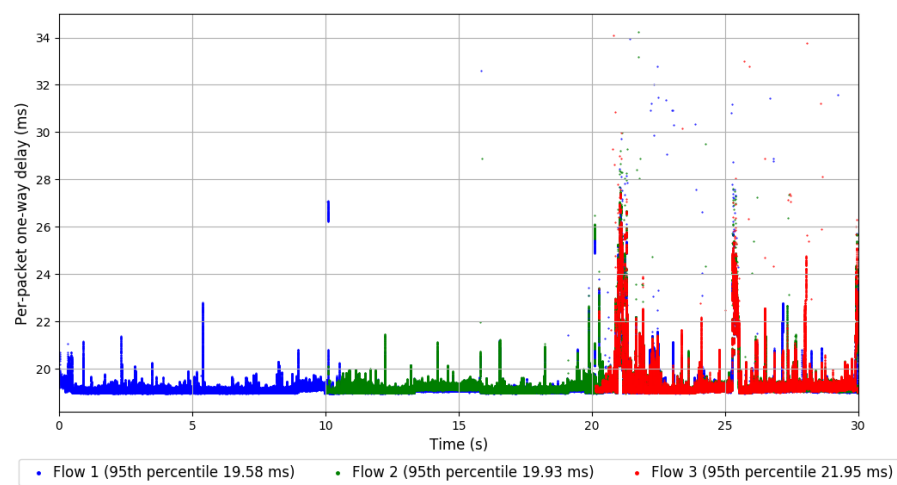
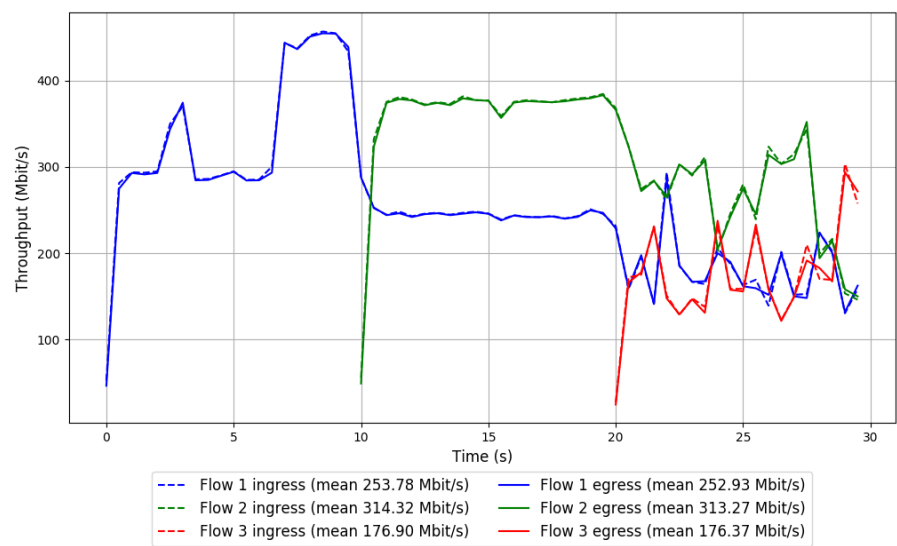
-- Flow 3:

Average throughput: 176.37 Mbit/s

95th percentile per-packet one-way delay: 21.950 ms

Loss rate: 0.46%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 01:36:28 +0000

End at: Tue, 01 Aug 2017 01:36:58 +0000

Local clock offset: 0.892 ms

Remote clock offset: -0.906 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:00:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 526.46 Mbit/s

95th percentile per-packet one-way delay: 20.460 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 308.71 Mbit/s

95th percentile per-packet one-way delay: 19.039 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 249.58 Mbit/s

95th percentile per-packet one-way delay: 21.730 ms

Loss rate: 0.04%

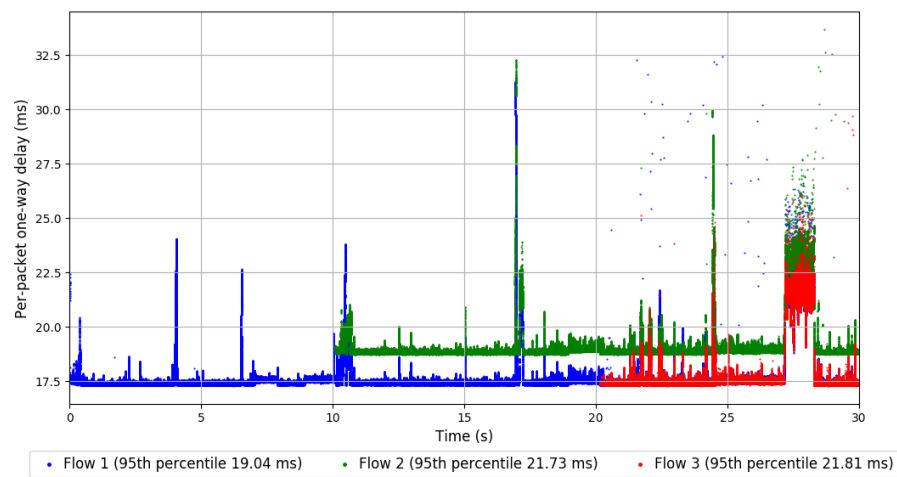
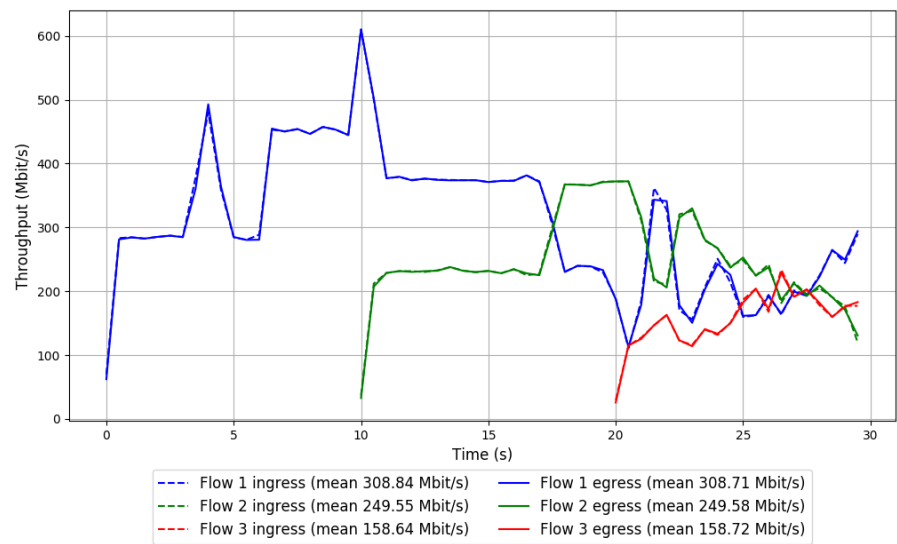
-- Flow 3:

Average throughput: 158.72 Mbit/s

95th percentile per-packet one-way delay: 21.809 ms

Loss rate: 0.05%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 01:57:30 +0000

End at: Tue, 01 Aug 2017 01:58:00 +0000

Local clock offset: 0.844 ms

Remote clock offset: -1.257 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:00:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 513.79 Mbit/s

95th percentile per-packet one-way delay: 20.014 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 257.33 Mbit/s

95th percentile per-packet one-way delay: 18.964 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 302.27 Mbit/s

95th percentile per-packet one-way delay: 21.069 ms

Loss rate: 0.01%

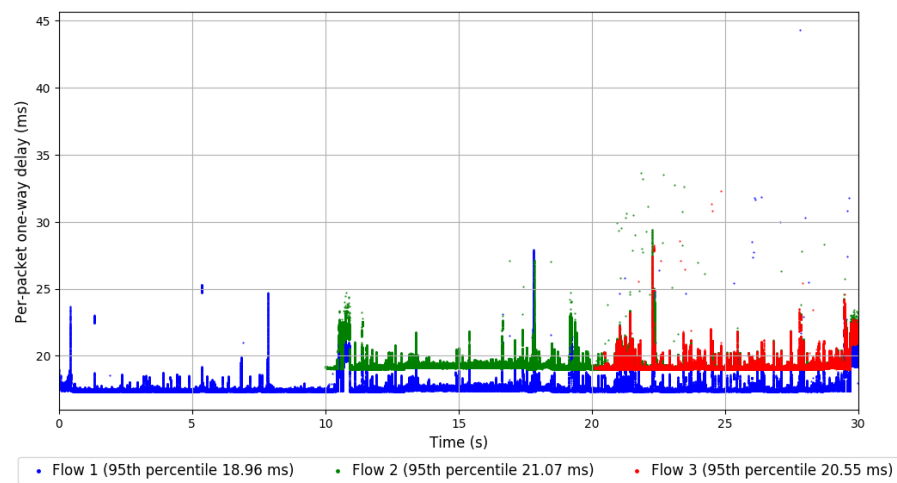
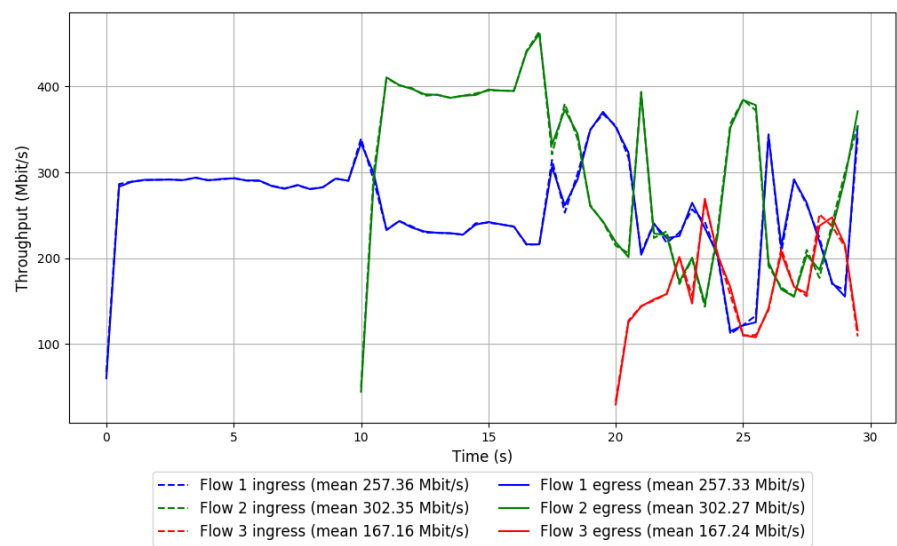
-- Flow 3:

Average throughput: 167.24 Mbit/s

95th percentile per-packet one-way delay: 20.546 ms

Loss rate: 0.02%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

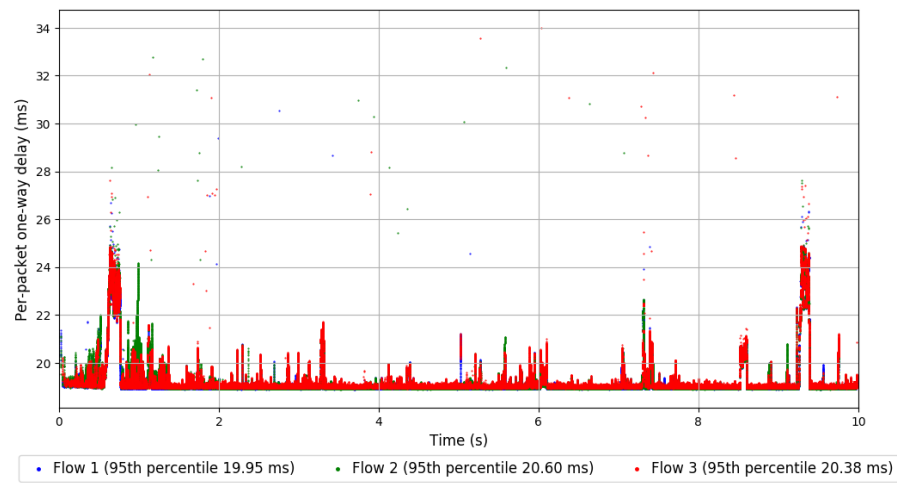
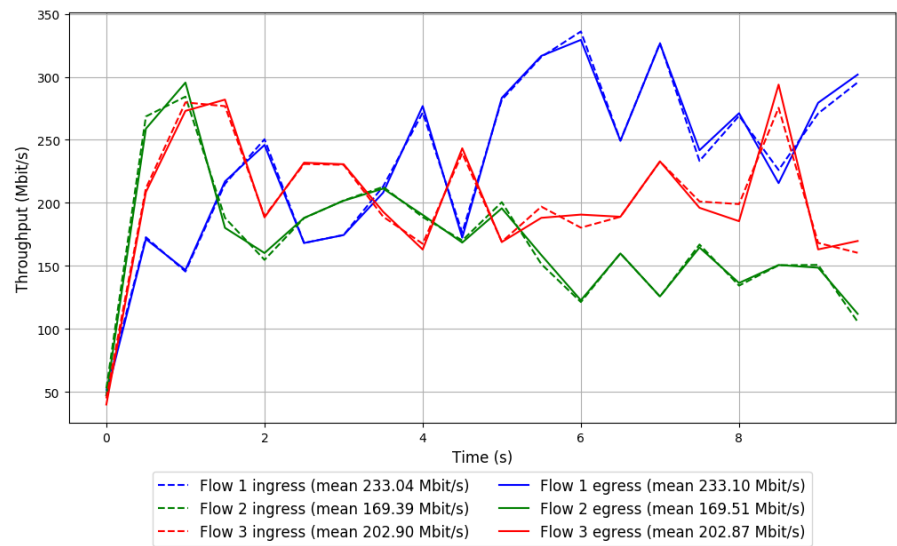
Start at: Tue, 01 Aug 2017 02:18:58 +0000

End at: Tue, 01 Aug 2017 02:19:28 +0000

Local clock offset: 0.773 ms

Remote clock offset: -1.17 ms

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 02:40:15 +0000

End at: Tue, 01 Aug 2017 02:40:45 +0000

Local clock offset: 0.585 ms

Remote clock offset: -1.432 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:01:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 558.14 Mbit/s

95th percentile per-packet one-way delay: 20.465 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 306.09 Mbit/s

95th percentile per-packet one-way delay: 21.437 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 295.70 Mbit/s

95th percentile per-packet one-way delay: 19.308 ms

Loss rate: 0.00%

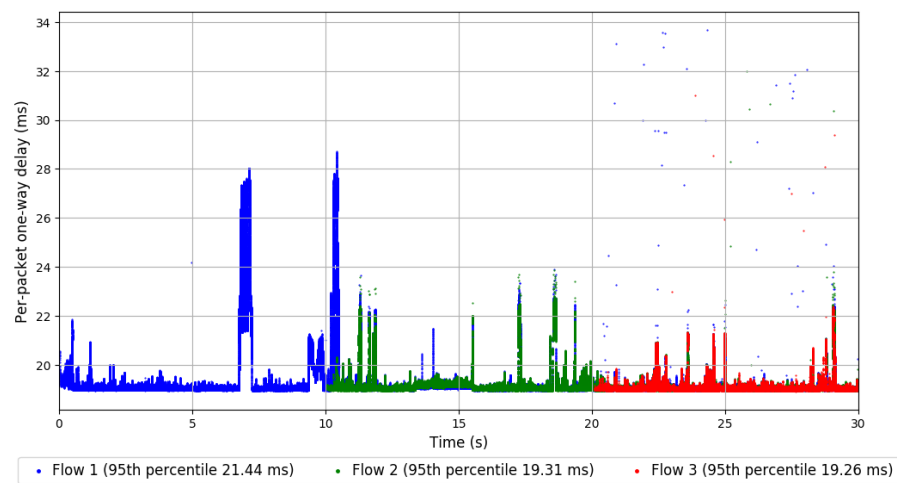
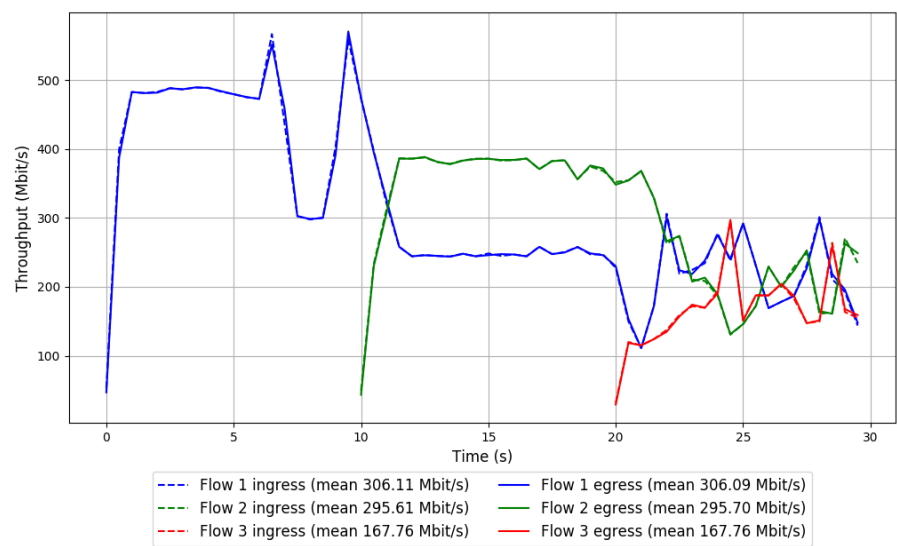
-- Flow 3:

Average throughput: 167.76 Mbit/s

95th percentile per-packet one-way delay: 19.261 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

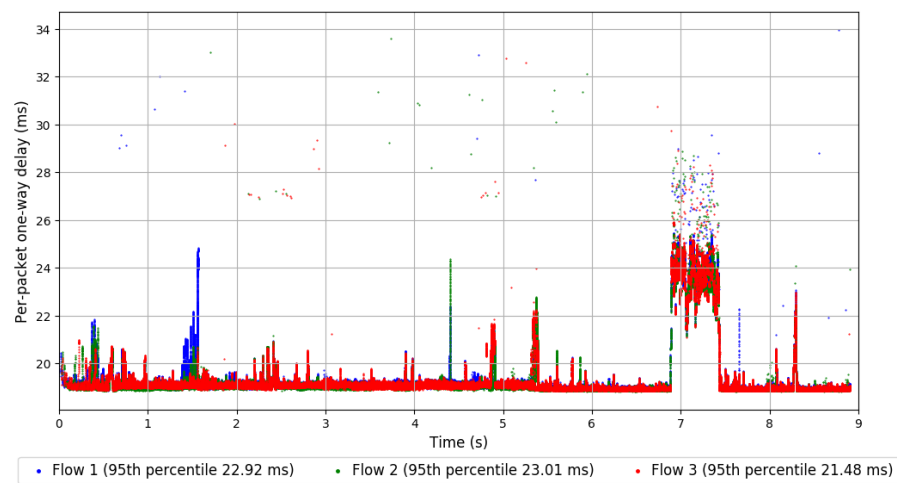
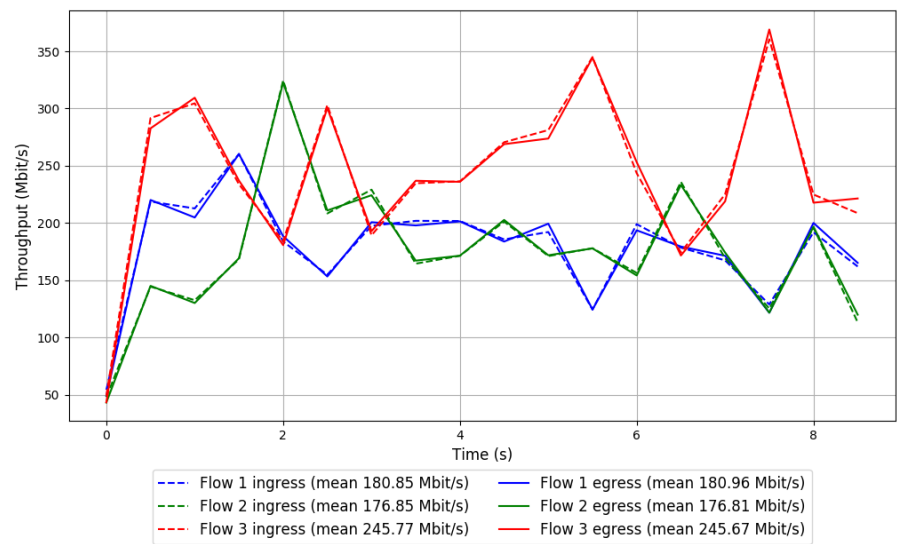
Start at: Tue, 01 Aug 2017 03:01:41 +0000

End at: Tue, 01 Aug 2017 03:02:11 +0000

Local clock offset: 0.216 ms

Remote clock offset: -1.357 ms

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 31 Jul 2017 23:46:25 +0000

End at: Mon, 31 Jul 2017 23:46:55 +0000

Local clock offset: 0.41 ms

Remote clock offset: -1.684 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:01:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 128.71 Mbit/s

95th percentile per-packet one-way delay: 19.069 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.64 Mbit/s

95th percentile per-packet one-way delay: 19.109 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 62.42 Mbit/s

95th percentile per-packet one-way delay: 18.870 ms

Loss rate: 0.00%

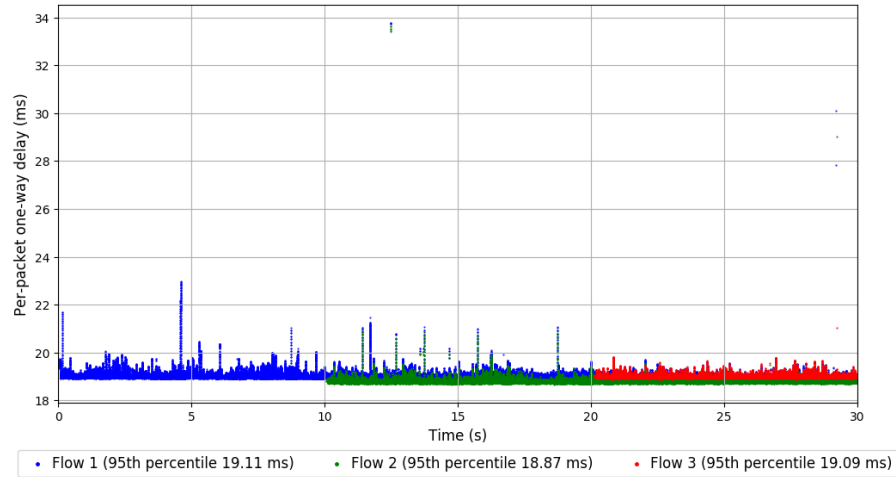
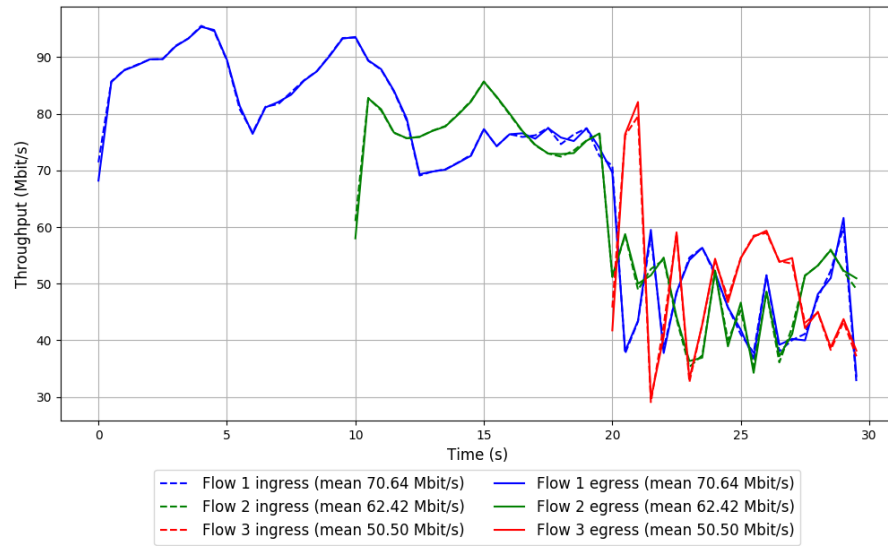
-- Flow 3:

Average throughput: 50.50 Mbit/s

95th percentile per-packet one-way delay: 19.086 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:07:28 +0000

End at: Tue, 01 Aug 2017 00:07:58 +0000

Local clock offset: 0.54 ms

Remote clock offset: -1.441 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:02:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 141.52 Mbit/s

95th percentile per-packet one-way delay: 19.191 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 19.177 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 68.01 Mbit/s

95th percentile per-packet one-way delay: 19.190 ms

Loss rate: 0.02%

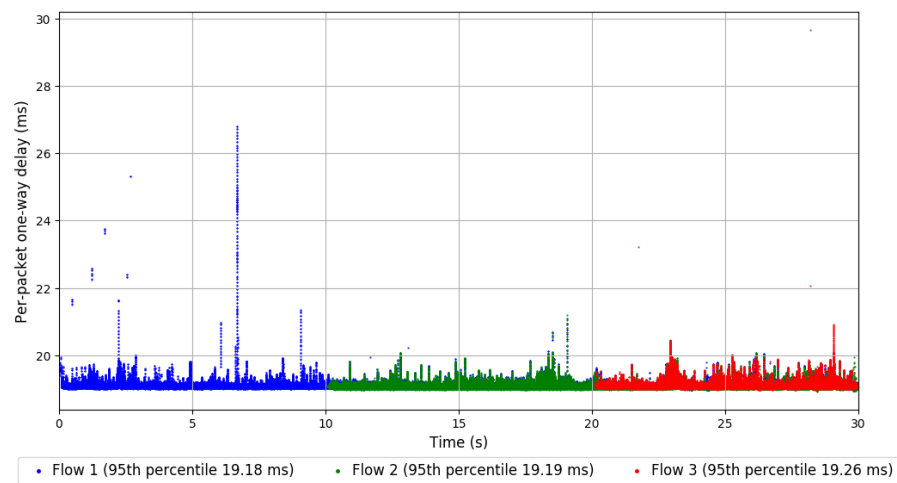
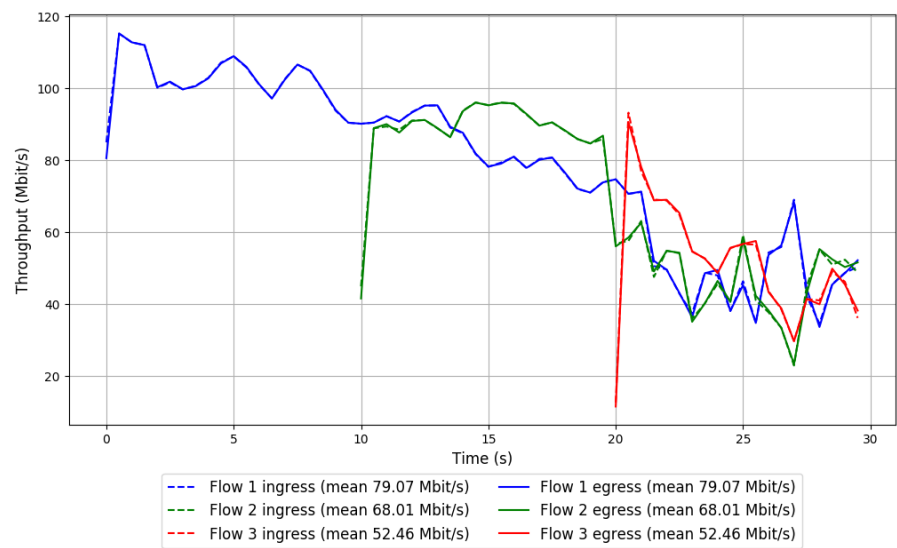
-- Flow 3:

Average throughput: 52.46 Mbit/s

95th percentile per-packet one-way delay: 19.263 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:28:18 +0000

End at: Tue, 01 Aug 2017 00:28:48 +0000

Local clock offset: 0.867 ms

Remote clock offset: -0.851 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:02:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 137.67 Mbit/s

95th percentile per-packet one-way delay: 18.978 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 76.07 Mbit/s

95th percentile per-packet one-way delay: 18.974 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 68.59 Mbit/s

95th percentile per-packet one-way delay: 18.983 ms

Loss rate: 0.00%

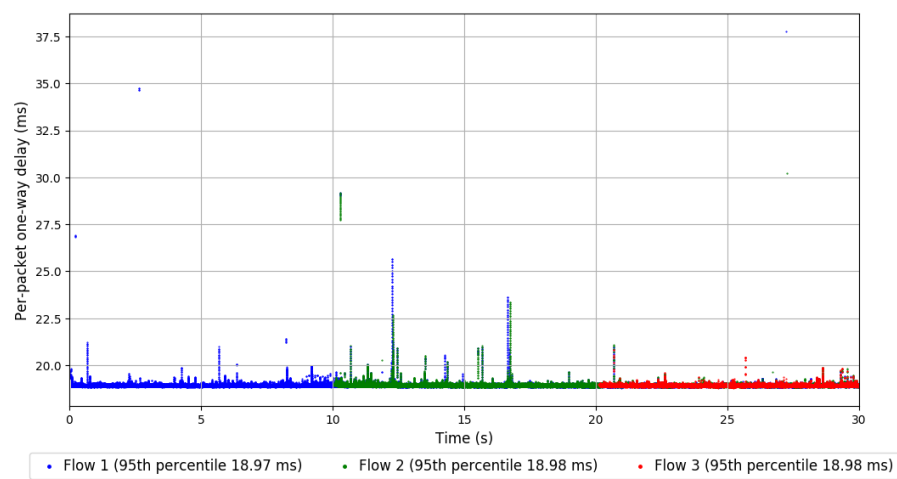
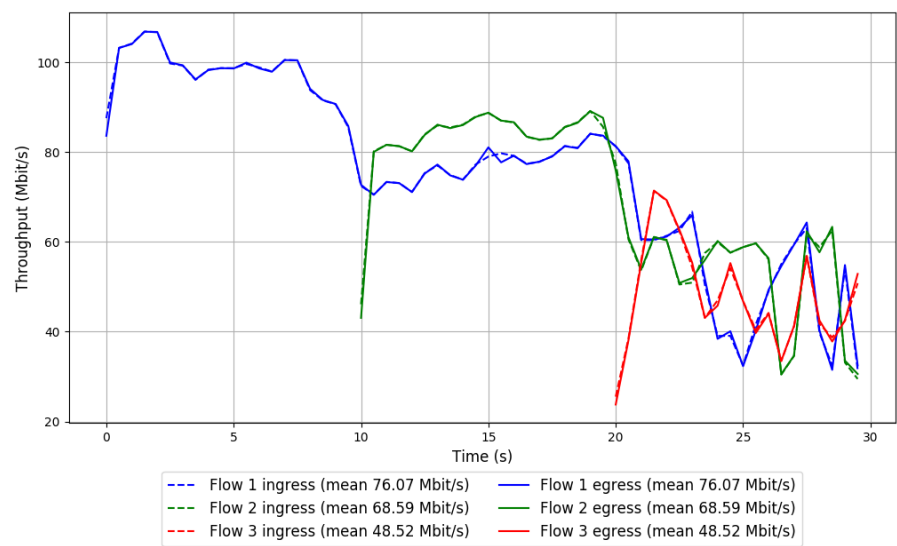
-- Flow 3:

Average throughput: 48.52 Mbit/s

95th percentile per-packet one-way delay: 18.978 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:49:04 +0000

End at: Tue, 01 Aug 2017 00:49:34 +0000

Local clock offset: 0.926 ms

Remote clock offset: -0.856 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:02:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 113.42 Mbit/s

95th percentile per-packet one-way delay: 19.083 ms

Loss rate: 0.23%

-- Flow 1:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 19.070 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 19.099 ms

Loss rate: 0.23%

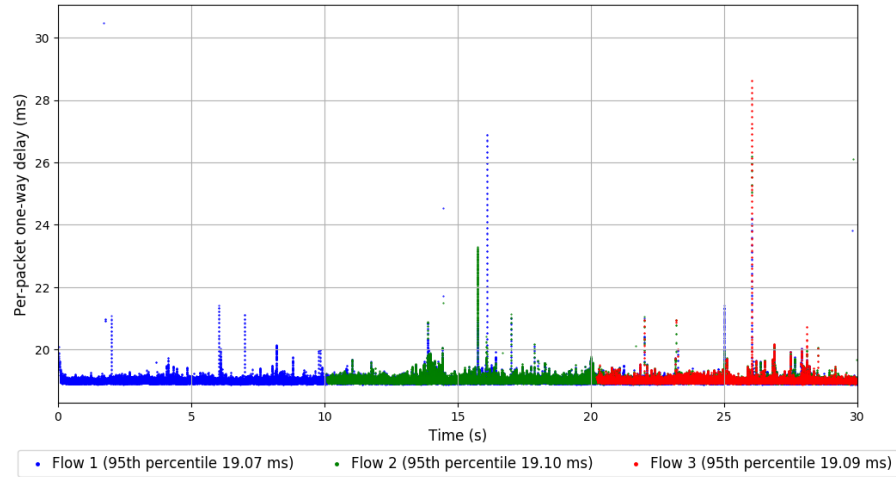
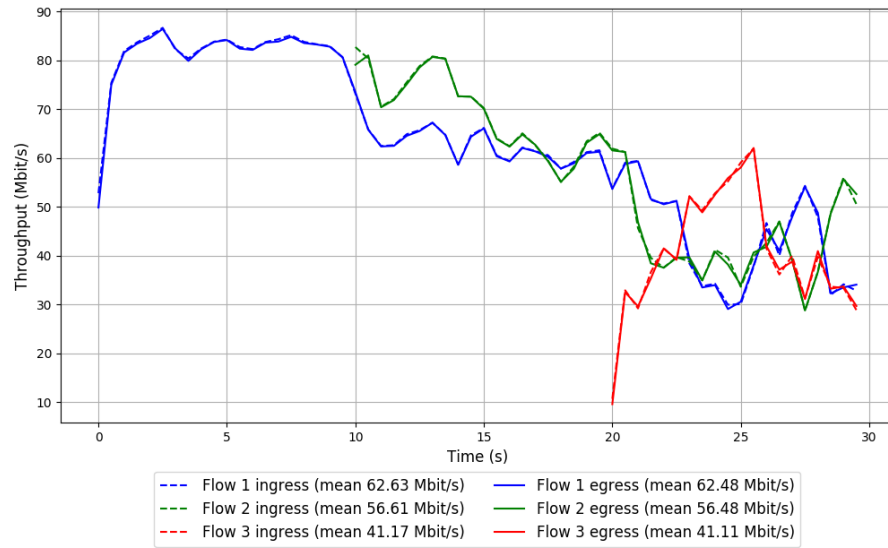
-- Flow 3:

Average throughput: 41.11 Mbit/s

95th percentile per-packet one-way delay: 19.093 ms

Loss rate: 0.16%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 01 Aug 2017 01:09:06 +0000

End at: Tue, 01 Aug 2017 01:09:36 +0000

Local clock offset: 0.901 ms

Remote clock offset: -0.519 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:02:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.59 Mbit/s

95th percentile per-packet one-way delay: 19.025 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 64.23 Mbit/s

95th percentile per-packet one-way delay: 18.856 ms

Loss rate: 0.32%

-- Flow 2:

Average throughput: 60.13 Mbit/s

95th percentile per-packet one-way delay: 19.058 ms

Loss rate: 0.28%

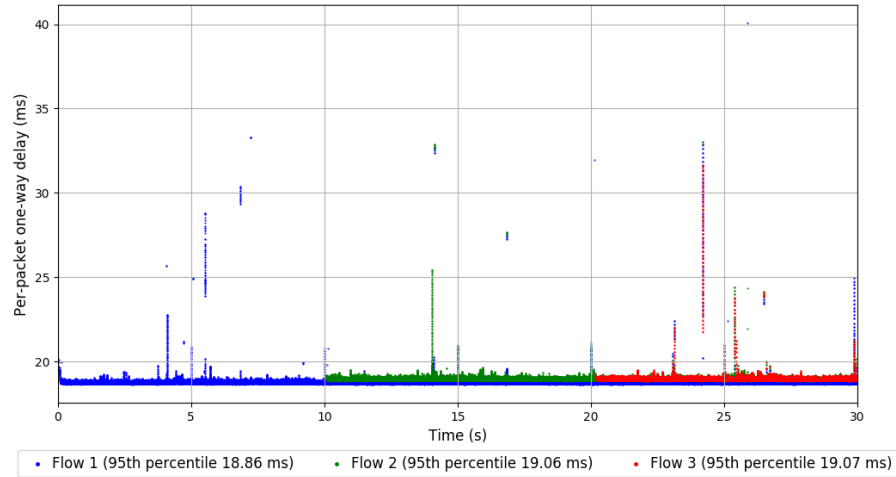
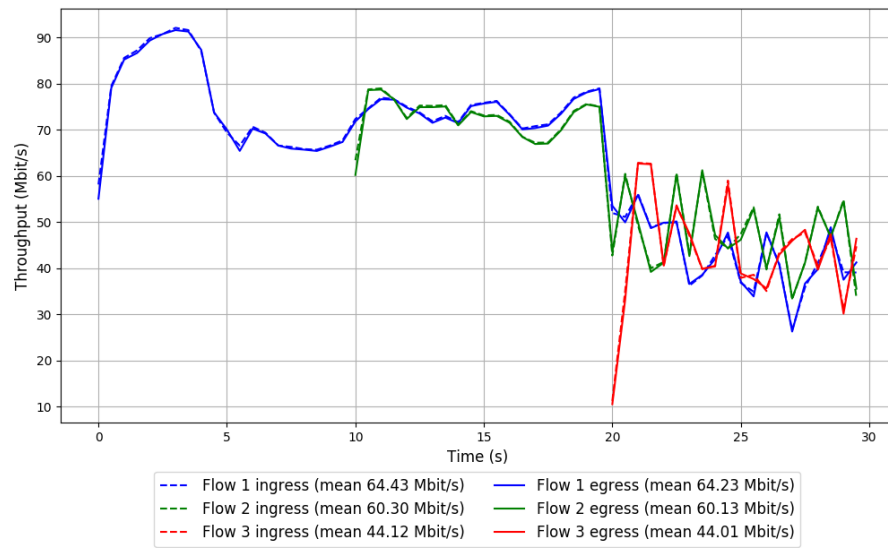
-- Flow 3:

Average throughput: 44.01 Mbit/s

95th percentile per-packet one-way delay: 19.066 ms

Loss rate: 0.26%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 01 Aug 2017 01:29:41 +0000

End at: Tue, 01 Aug 2017 01:30:11 +0000

Local clock offset: 0.944 ms

Remote clock offset: -0.67 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:03:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 124.30 Mbit/s

95th percentile per-packet one-way delay: 19.101 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 66.99 Mbit/s

95th percentile per-packet one-way delay: 19.116 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 62.57 Mbit/s

95th percentile per-packet one-way delay: 18.891 ms

Loss rate: 0.01%

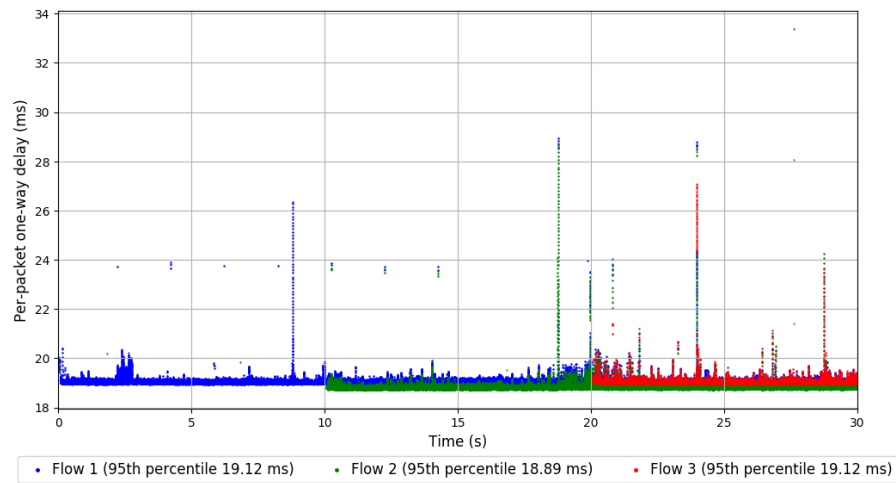
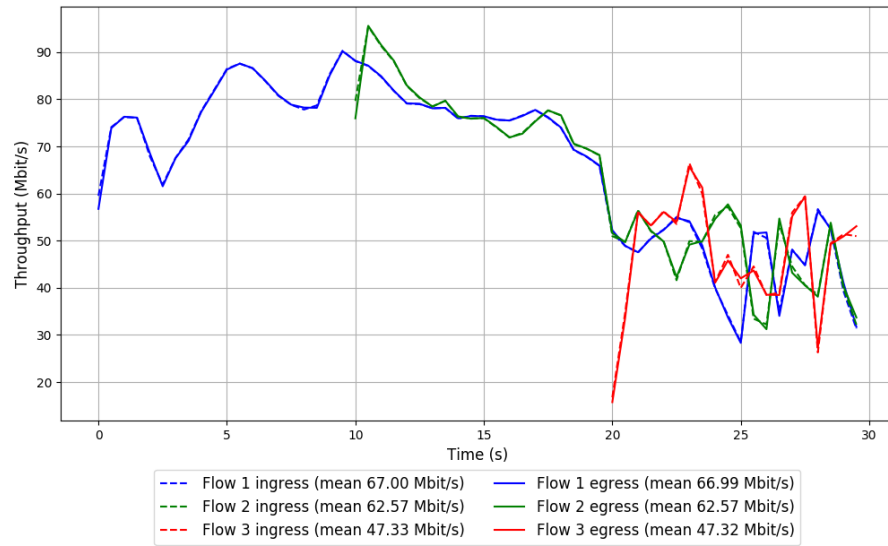
-- Flow 3:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 19.122 ms

Loss rate: 0.02%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 01 Aug 2017 01:50:38 +0000

End at: Tue, 01 Aug 2017 01:51:08 +0000

Local clock offset: 0.96 ms

Remote clock offset: -1.087 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:03:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 130.80 Mbit/s

95th percentile per-packet one-way delay: 19.075 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 74.15 Mbit/s

95th percentile per-packet one-way delay: 19.097 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 60.70 Mbit/s

95th percentile per-packet one-way delay: 18.918 ms

Loss rate: 0.01%

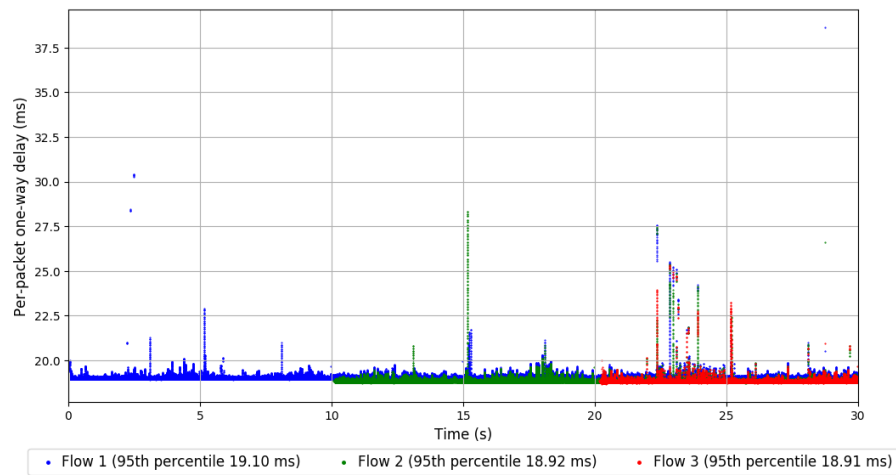
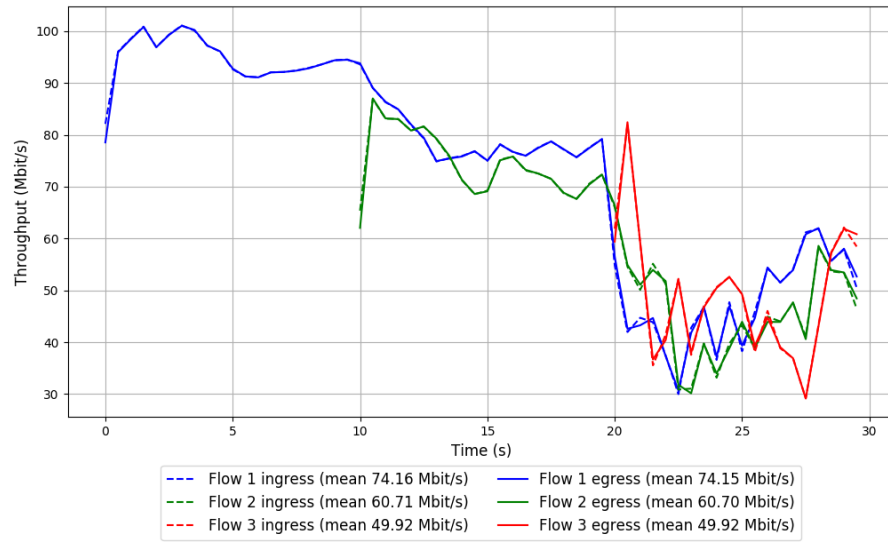
-- Flow 3:

Average throughput: 49.92 Mbit/s

95th percentile per-packet one-way delay: 18.911 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 01 Aug 2017 02:12:08 +0000

End at: Tue, 01 Aug 2017 02:12:38 +0000

Local clock offset: 0.843 ms

Remote clock offset: -1.257 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:03:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 131.26 Mbit/s

95th percentile per-packet one-way delay: 18.940 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 69.33 Mbit/s

95th percentile per-packet one-way delay: 18.772 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 70.00 Mbit/s

95th percentile per-packet one-way delay: 18.980 ms

Loss rate: 0.01%

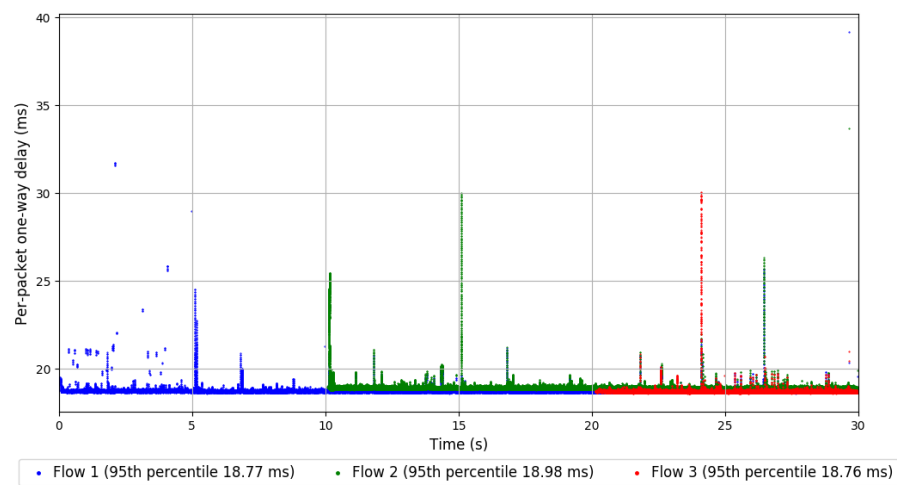
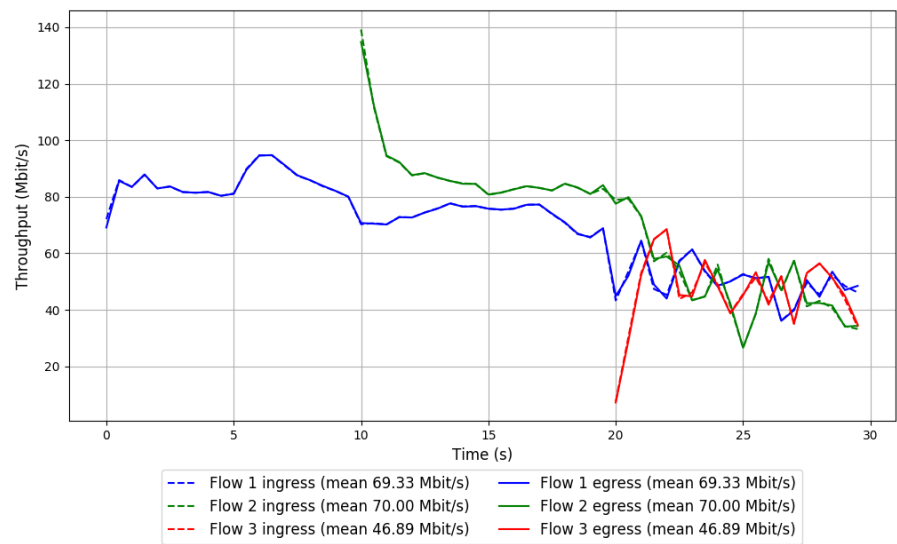
-- Flow 3:

Average throughput: 46.89 Mbit/s

95th percentile per-packet one-way delay: 18.759 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 01 Aug 2017 02:33:17 +0000

End at: Tue, 01 Aug 2017 02:33:47 +0000

Local clock offset: 0.693 ms

Remote clock offset: -1.397 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:04:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 138.08 Mbit/s

95th percentile per-packet one-way delay: 18.977 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 18.782 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 65.23 Mbit/s

95th percentile per-packet one-way delay: 18.795 ms

Loss rate: 0.00%

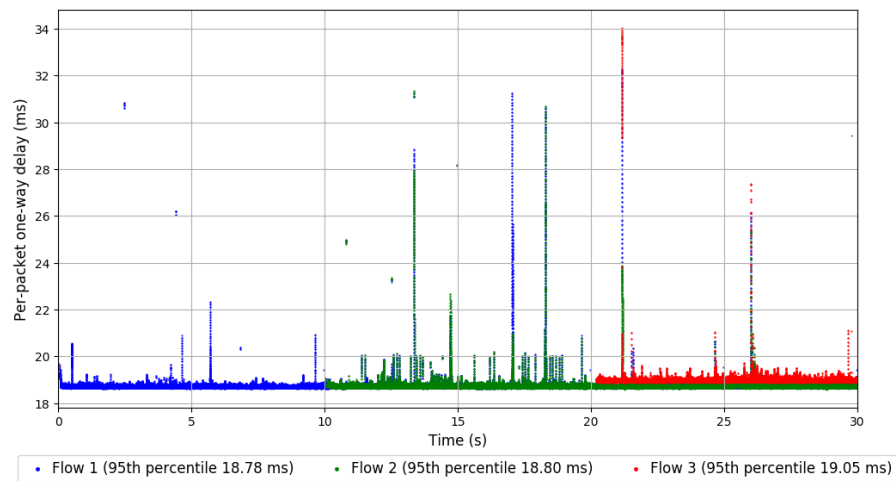
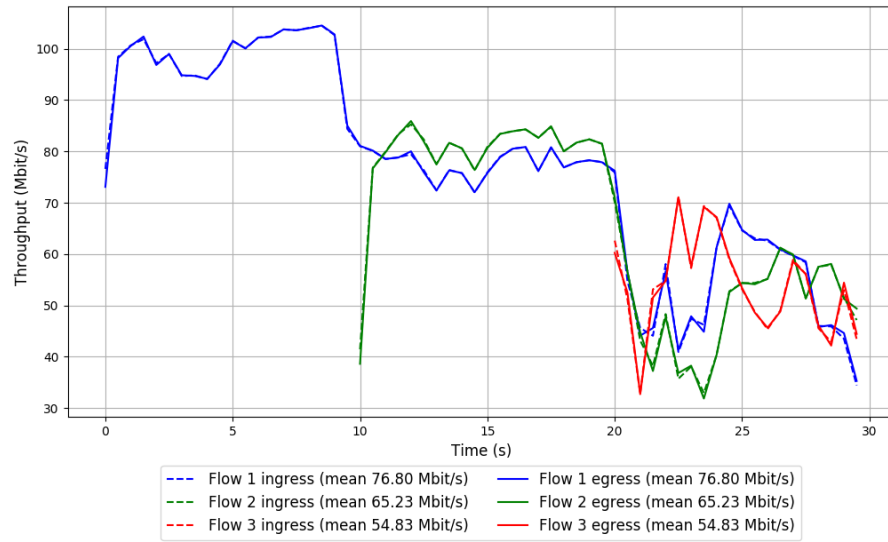
-- Flow 3:

Average throughput: 54.83 Mbit/s

95th percentile per-packet one-way delay: 19.051 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 01 Aug 2017 02:54:47 +0000

End at: Tue, 01 Aug 2017 02:55:17 +0000

Local clock offset: 0.3 ms

Remote clock offset: -1.185 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:04:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 132.84 Mbit/s

95th percentile per-packet one-way delay: 19.156 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.98 Mbit/s

95th percentile per-packet one-way delay: 19.143 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 62.57 Mbit/s

95th percentile per-packet one-way delay: 19.168 ms

Loss rate: 0.01%

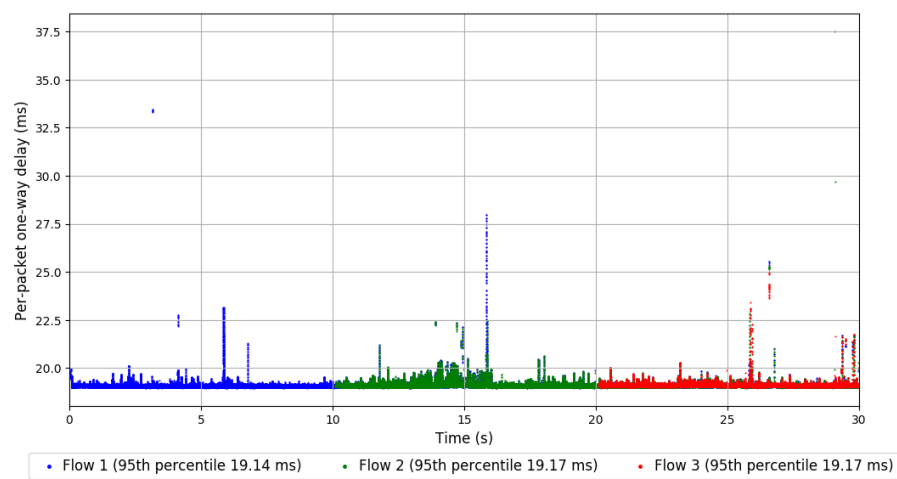
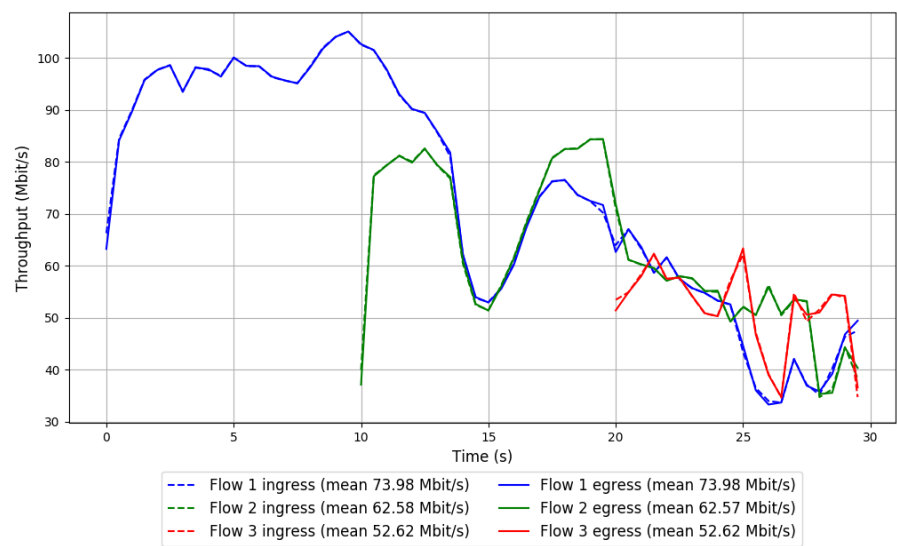
-- Flow 3:

Average throughput: 52.62 Mbit/s

95th percentile per-packet one-way delay: 19.170 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 23:36:28 +0000

End at: Mon, 31 Jul 2017 23:36:58 +0000

Local clock offset: 0.321 ms

Remote clock offset: -1.623 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:05:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 629.28 Mbit/s

95th percentile per-packet one-way delay: 21.402 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 341.98 Mbit/s

95th percentile per-packet one-way delay: 20.984 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 336.93 Mbit/s

95th percentile per-packet one-way delay: 21.644 ms

Loss rate: 0.01%

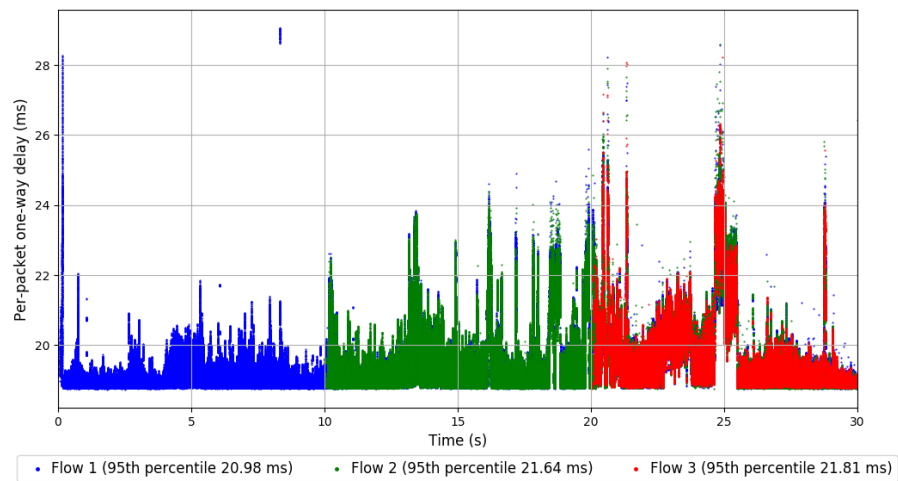
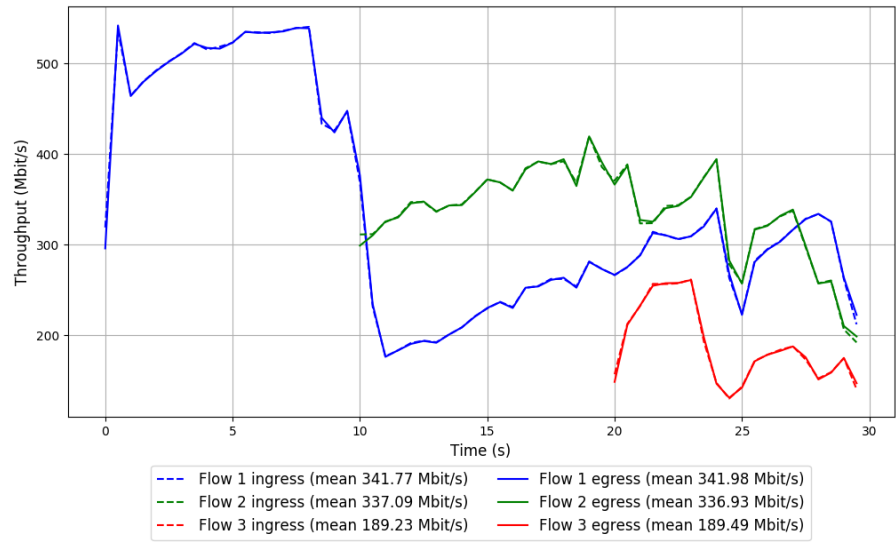
-- Flow 3:

Average throughput: 189.49 Mbit/s

95th percentile per-packet one-way delay: 21.809 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 23:57:40 +0000

End at: Mon, 31 Jul 2017 23:58:10 +0000

Local clock offset: 0.525 ms

Remote clock offset: -1.697 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:05:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 543.79 Mbit/s

95th percentile per-packet one-way delay: 21.565 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 276.20 Mbit/s

95th percentile per-packet one-way delay: 20.977 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 242.90 Mbit/s

95th percentile per-packet one-way delay: 21.317 ms

Loss rate: 0.02%

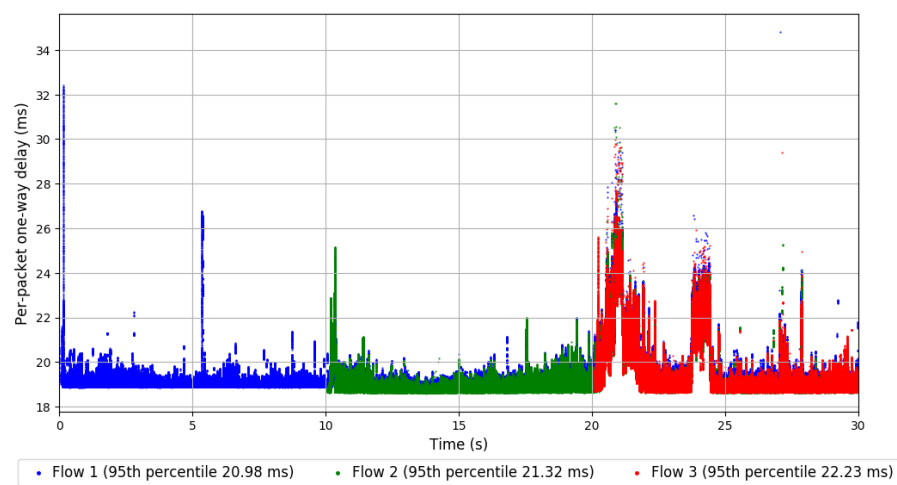
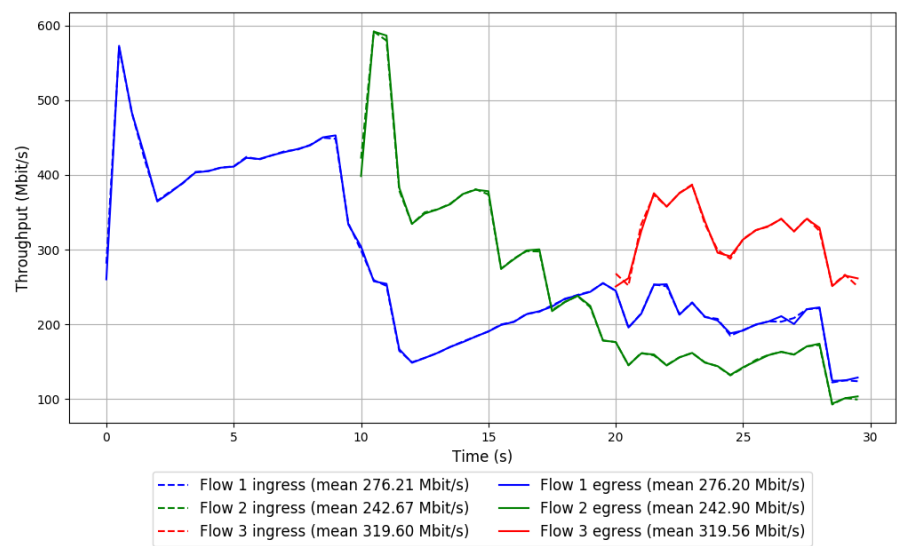
-- Flow 3:

Average throughput: 319.56 Mbit/s

95th percentile per-packet one-way delay: 22.227 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:18:52 +0000

End at: Tue, 01 Aug 2017 00:19:22 +0000

Local clock offset: 0.703 ms

Remote clock offset: -1.02 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:05:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.20 Mbit/s

95th percentile per-packet one-way delay: 19.455 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 27.09 Mbit/s

95th percentile per-packet one-way delay: 17.949 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 20.98 Mbit/s

95th percentile per-packet one-way delay: 19.598 ms

Loss rate: 0.19%

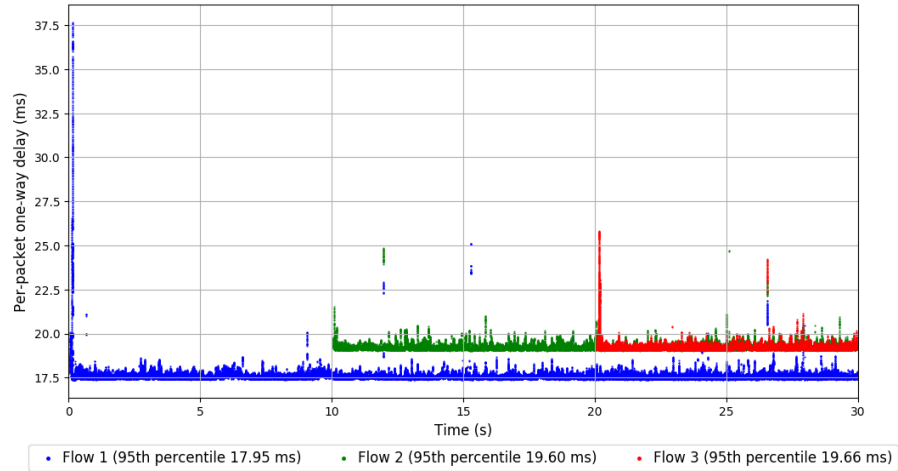
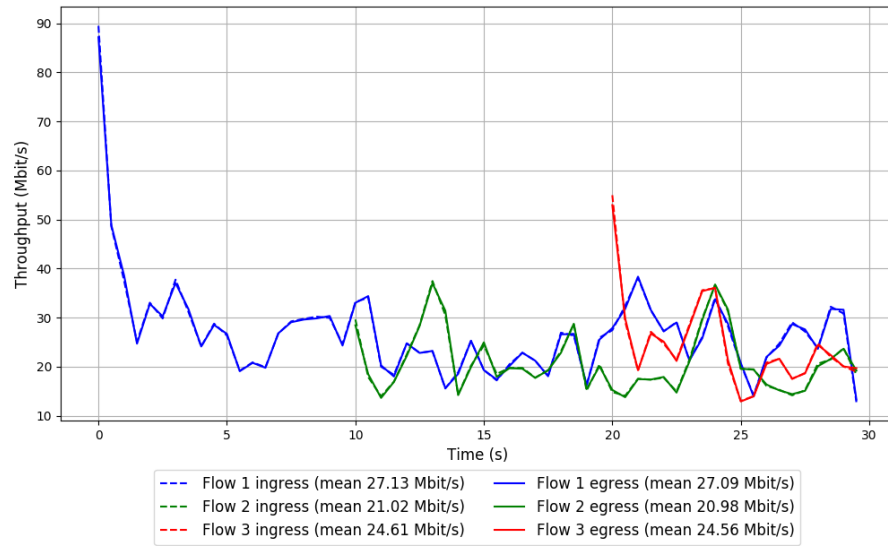
-- Flow 3:

Average throughput: 24.56 Mbit/s

95th percentile per-packet one-way delay: 19.663 ms

Loss rate: 0.19%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:39:36 +0000

End at: Tue, 01 Aug 2017 00:40:06 +0000

Local clock offset: 0.824 ms

Remote clock offset: -0.773 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:06:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 363.75 Mbit/s

95th percentile per-packet one-way delay: 19.655 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 191.87 Mbit/s

95th percentile per-packet one-way delay: 19.543 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 159.89 Mbit/s

95th percentile per-packet one-way delay: 19.766 ms

Loss rate: 0.01%

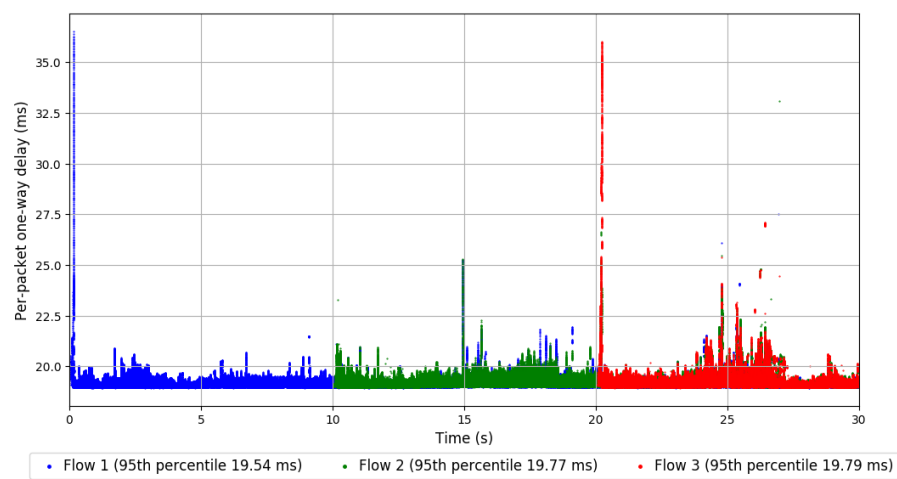
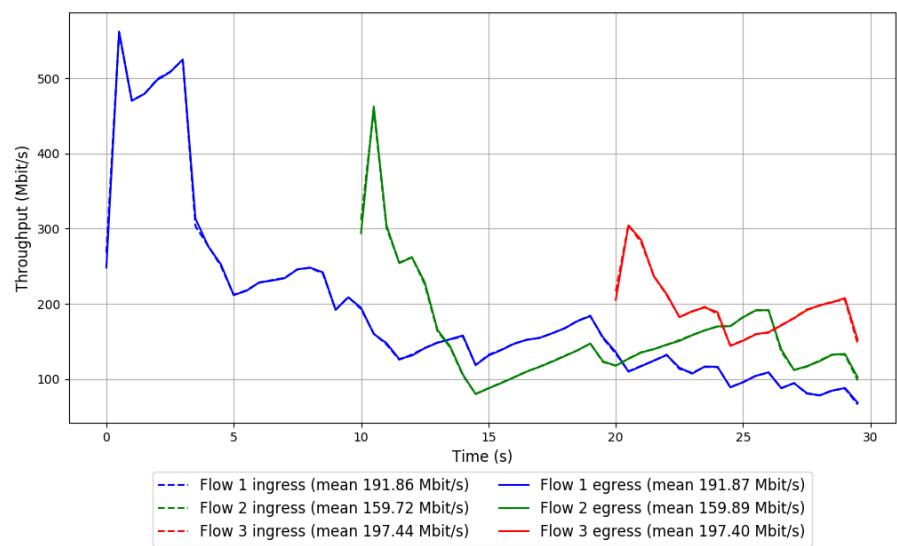
-- Flow 3:

Average throughput: 197.40 Mbit/s

95th percentile per-packet one-way delay: 19.794 ms

Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:59:51 +0000

End at: Tue, 01 Aug 2017 01:00:21 +0000

Local clock offset: 0.875 ms

Remote clock offset: -0.717 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:06:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.50 Mbit/s

95th percentile per-packet one-way delay: 19.209 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 24.41 Mbit/s

95th percentile per-packet one-way delay: 19.311 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 23.71 Mbit/s

95th percentile per-packet one-way delay: 17.810 ms

Loss rate: 0.18%

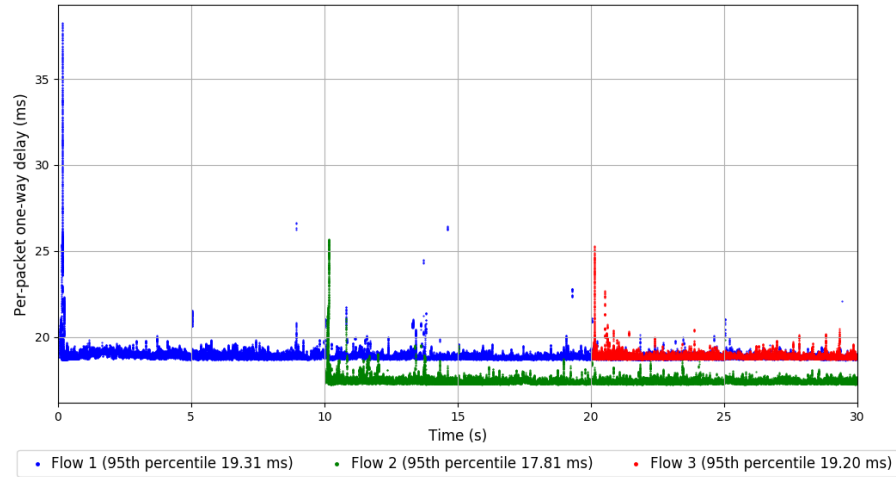
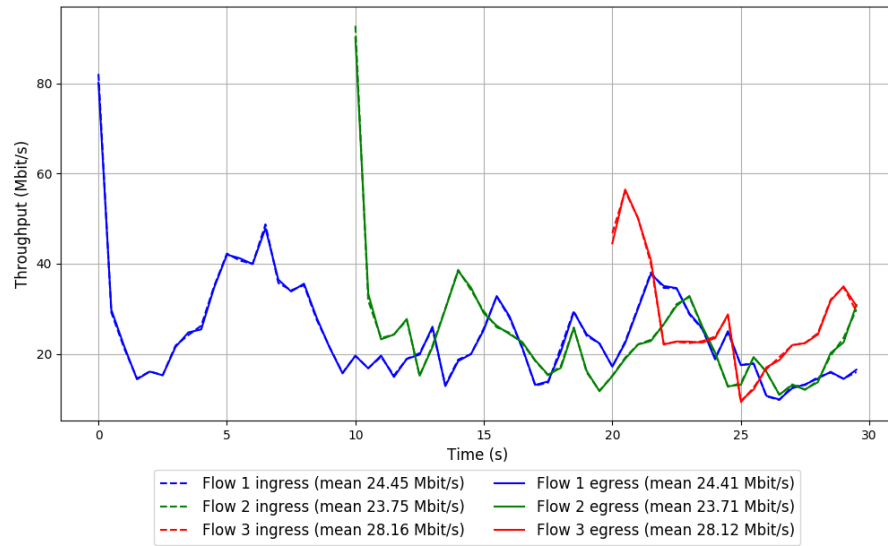
-- Flow 3:

Average throughput: 28.12 Mbit/s

95th percentile per-packet one-way delay: 19.198 ms

Loss rate: 0.14%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 01:20:23 +0000

End at: Tue, 01 Aug 2017 01:20:53 +0000

Local clock offset: 0.91 ms

Remote clock offset: -0.543 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:06:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 41.10 Mbit/s

95th percentile per-packet one-way delay: 19.366 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 20.77 Mbit/s

95th percentile per-packet one-way delay: 19.407 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 18.74 Mbit/s

95th percentile per-packet one-way delay: 17.903 ms

Loss rate: 0.29%

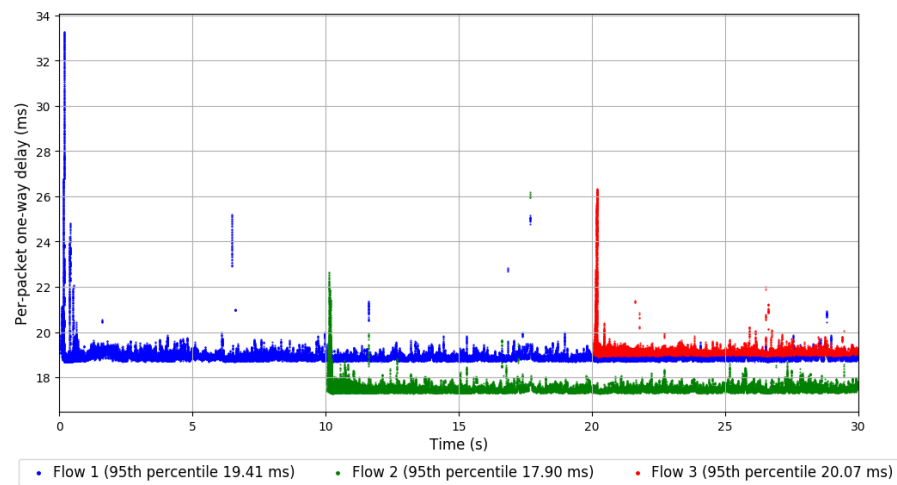
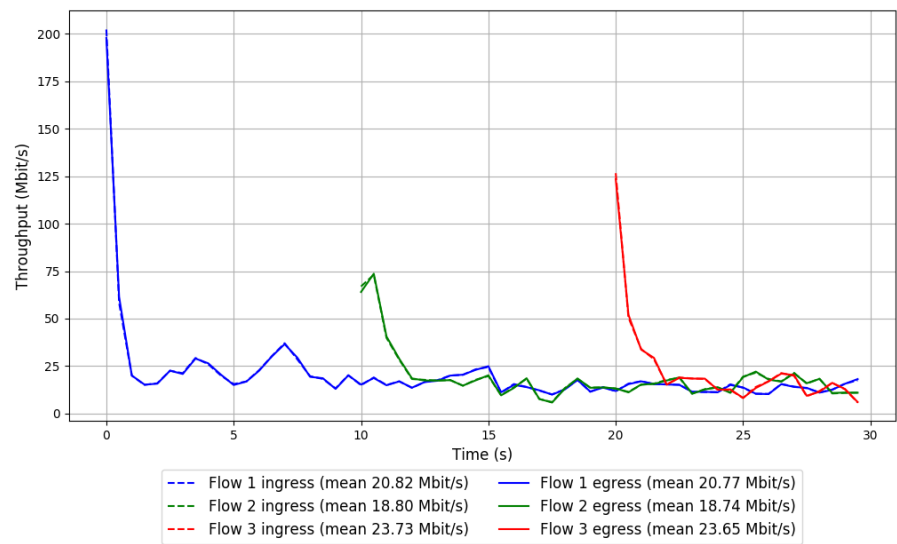
-- Flow 3:

Average throughput: 23.65 Mbit/s

95th percentile per-packet one-way delay: 20.074 ms

Loss rate: 0.31%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 01:41:06 +0000

End at: Tue, 01 Aug 2017 01:41:36 +0000

Local clock offset: 0.957 ms

Remote clock offset: -0.873 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:06:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 99.53 Mbit/s

95th percentile per-packet one-way delay: 19.483 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 43.08 Mbit/s

95th percentile per-packet one-way delay: 19.298 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 46.20 Mbit/s

95th percentile per-packet one-way delay: 19.428 ms

Loss rate: 0.08%

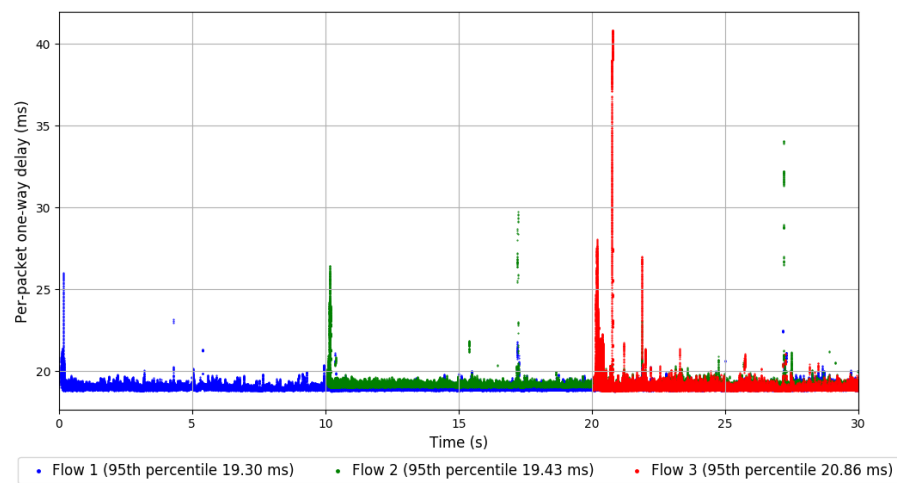
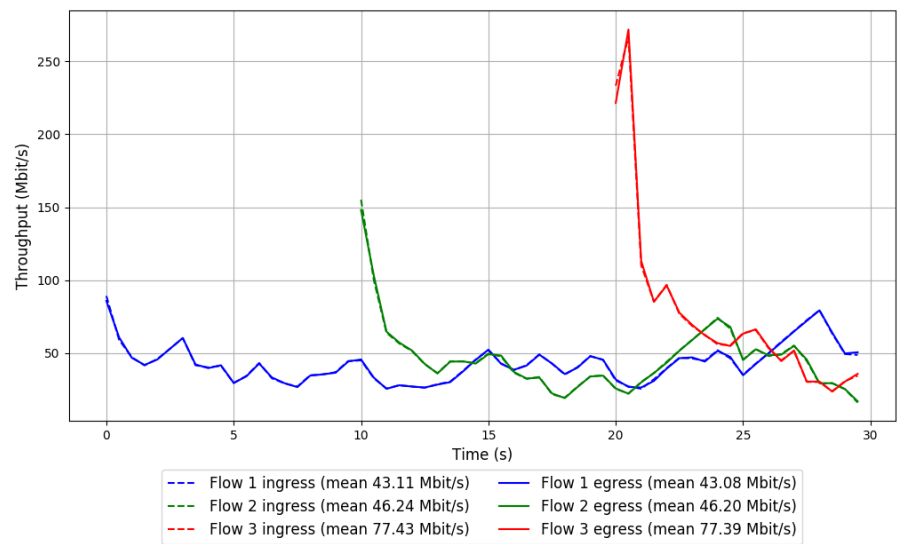
-- Flow 3:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 20.861 ms

Loss rate: 0.05%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 02:02:10 +0000

End at: Tue, 01 Aug 2017 02:02:40 +0000

Local clock offset: 0.814 ms

Remote clock offset: -1.242 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:07:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 621.57 Mbit/s

95th percentile per-packet one-way delay: 20.145 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 286.13 Mbit/s

95th percentile per-packet one-way delay: 19.695 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 357.56 Mbit/s

95th percentile per-packet one-way delay: 20.305 ms

Loss rate: 0.01%

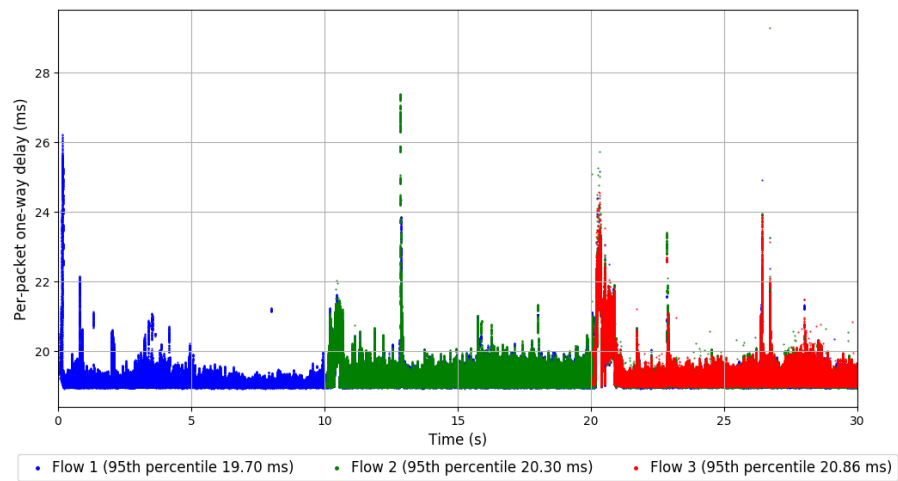
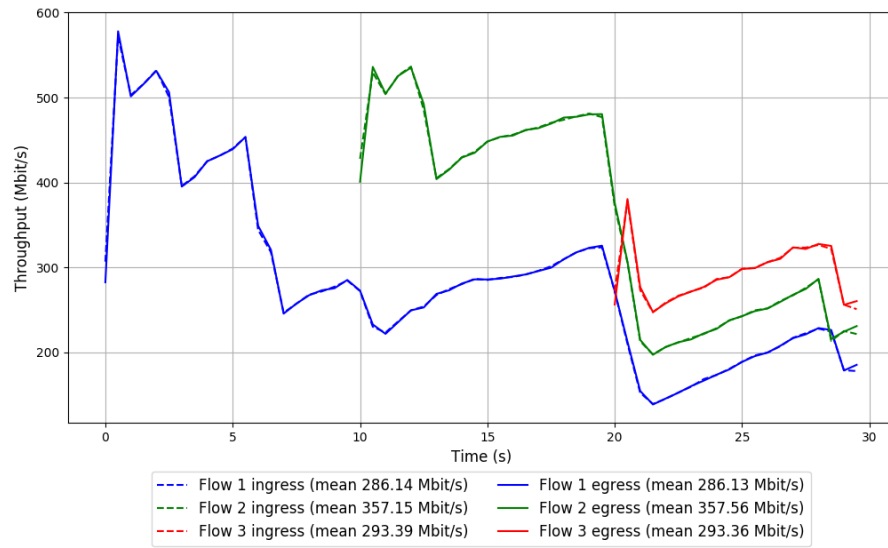
-- Flow 3:

Average throughput: 293.36 Mbit/s

95th percentile per-packet one-way delay: 20.860 ms

Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 02:23:13 +0000

End at: Tue, 01 Aug 2017 02:23:43 +0000

Local clock offset: 0.658 ms

Remote clock offset: -1.142 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:07:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 581.69 Mbit/s

95th percentile per-packet one-way delay: 21.979 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 356.88 Mbit/s

95th percentile per-packet one-way delay: 22.090 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 257.24 Mbit/s

95th percentile per-packet one-way delay: 21.981 ms

Loss rate: 0.01%

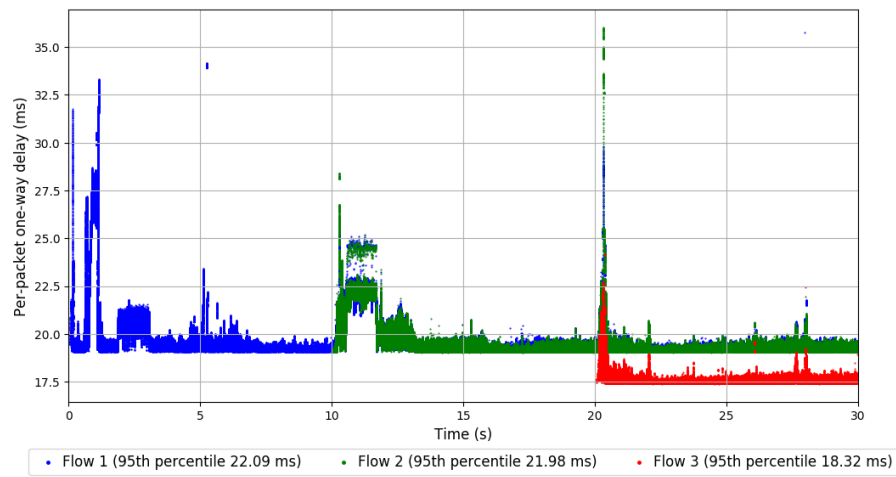
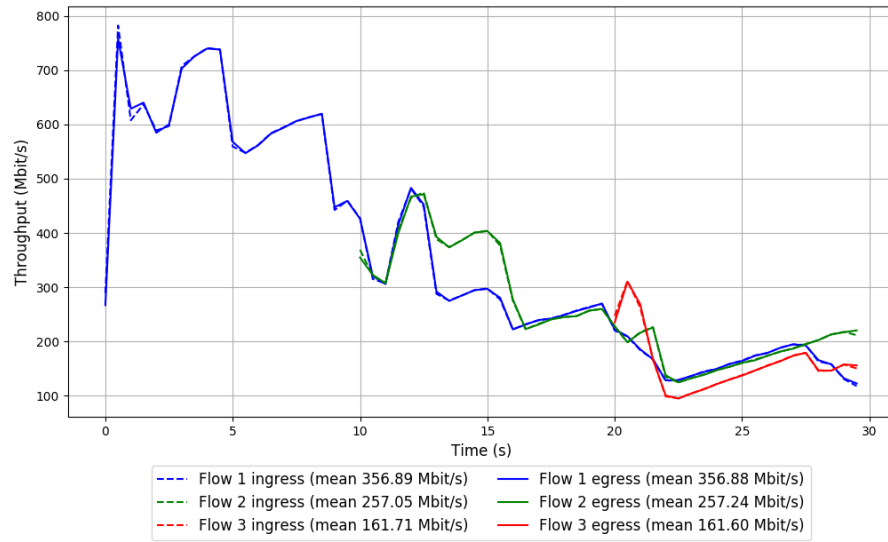
-- Flow 3:

Average throughput: 161.60 Mbit/s

95th percentile per-packet one-way delay: 18.315 ms

Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 02:44:57 +0000

End at: Tue, 01 Aug 2017 02:45:27 +0000

Local clock offset: 0.51 ms

Remote clock offset: -1.421 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 625.41 Mbit/s

95th percentile per-packet one-way delay: 19.701 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 321.27 Mbit/s

95th percentile per-packet one-way delay: 19.659 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 283.71 Mbit/s

95th percentile per-packet one-way delay: 19.882 ms

Loss rate: 0.01%

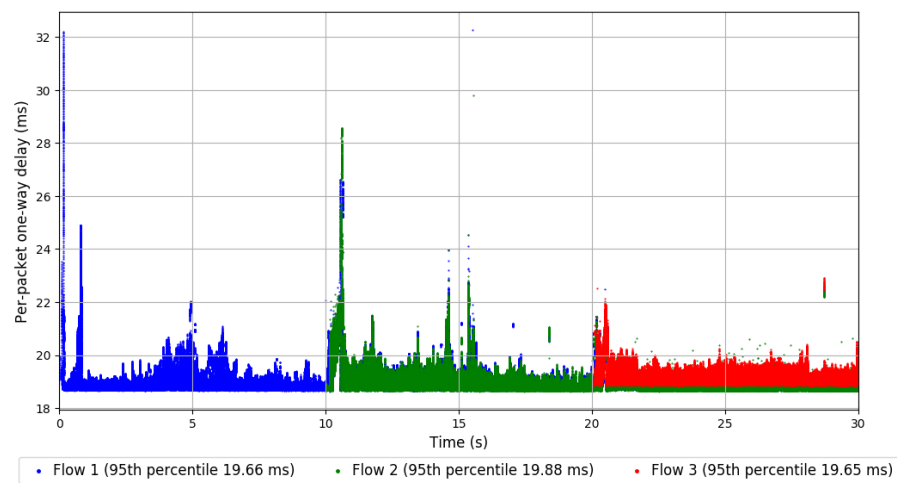
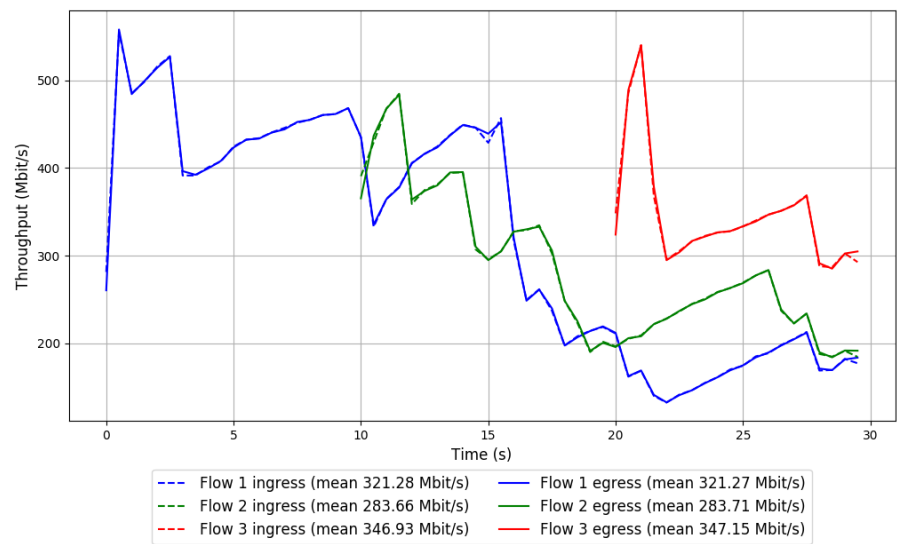
-- Flow 3:

Average throughput: 347.15 Mbit/s

95th percentile per-packet one-way delay: 19.652 ms

Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 23:49:18 +0000

End at: Mon, 31 Jul 2017 23:49:48 +0000

Local clock offset: 0.364 ms

Remote clock offset: -1.619 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.29 Mbit/s

95th percentile per-packet one-way delay: 19.656 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 58.79 Mbit/s

95th percentile per-packet one-way delay: 19.668 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 58.74 Mbit/s

95th percentile per-packet one-way delay: 19.695 ms

Loss rate: 0.01%

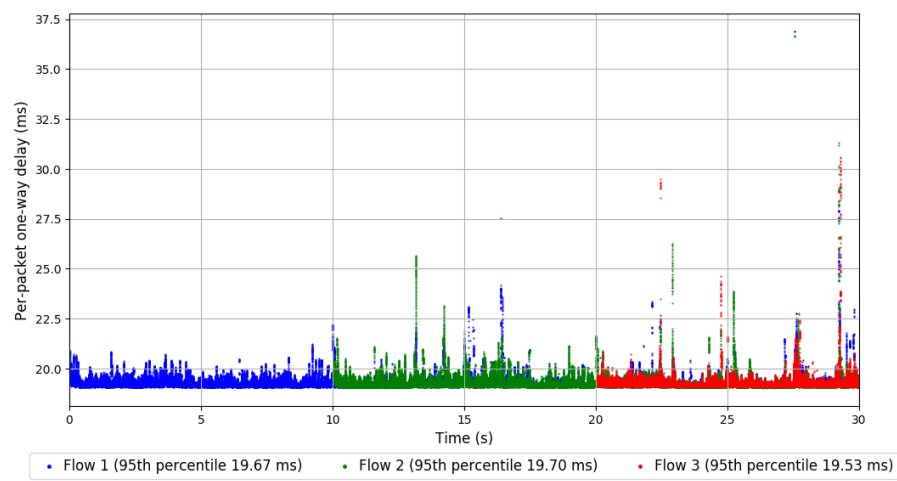
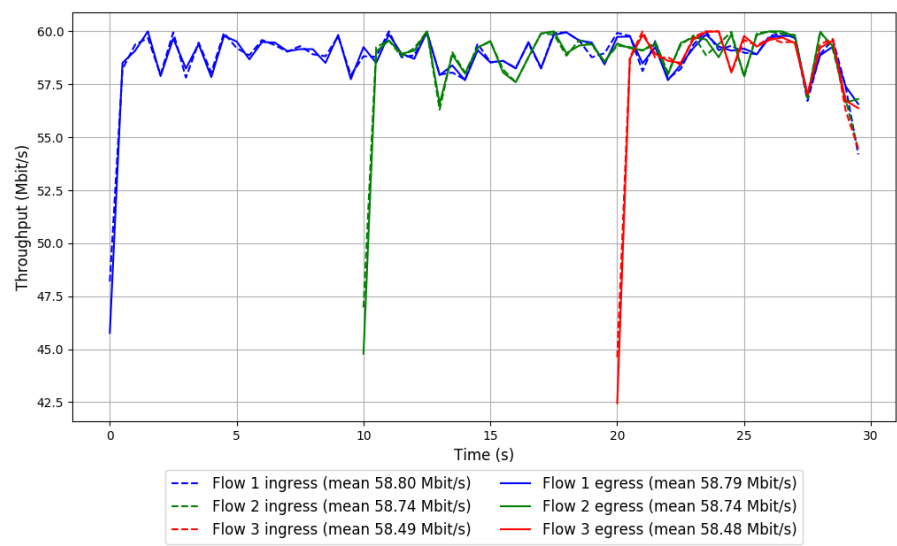
-- Flow 3:

Average throughput: 58.48 Mbit/s

95th percentile per-packet one-way delay: 19.531 ms

Loss rate: 0.01%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:10:12 +0000

End at: Tue, 01 Aug 2017 00:10:42 +0000

Local clock offset: 0.699 ms

Remote clock offset: -1.38 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.25 Mbit/s

95th percentile per-packet one-way delay: 19.355 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 59.48 Mbit/s

95th percentile per-packet one-way delay: 19.293 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 59.13 Mbit/s

95th percentile per-packet one-way delay: 19.375 ms

Loss rate: 0.04%

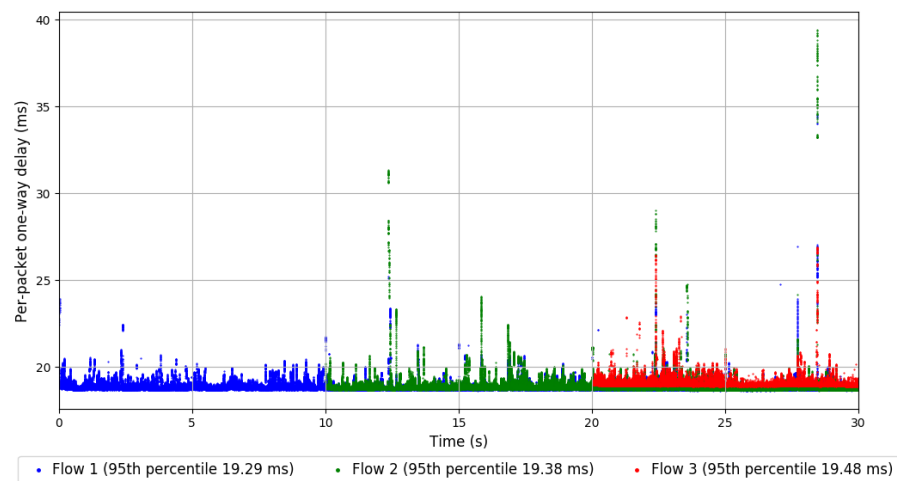
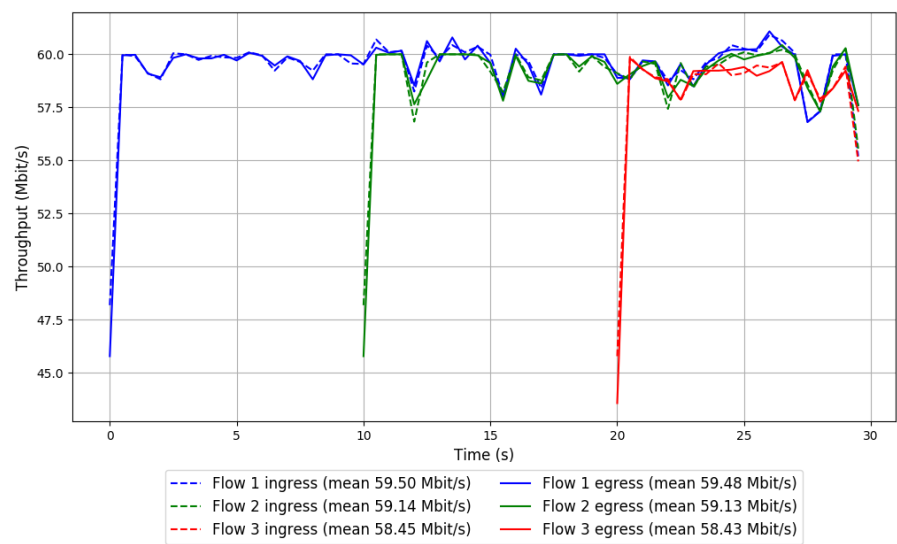
-- Flow 3:

Average throughput: 58.43 Mbit/s

95th percentile per-packet one-way delay: 19.477 ms

Loss rate: 0.02%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:31:08 +0000

End at: Tue, 01 Aug 2017 00:31:38 +0000

Local clock offset: 0.794 ms

Remote clock offset: -0.681 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.35 Mbit/s

95th percentile per-packet one-way delay: 19.438 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.82 Mbit/s

95th percentile per-packet one-way delay: 19.572 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 59.70 Mbit/s

95th percentile per-packet one-way delay: 19.181 ms

Loss rate: 0.00%

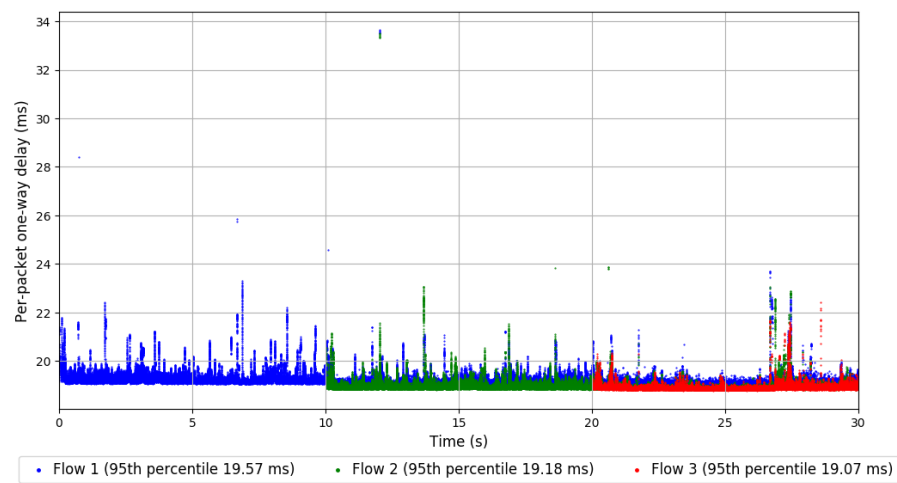
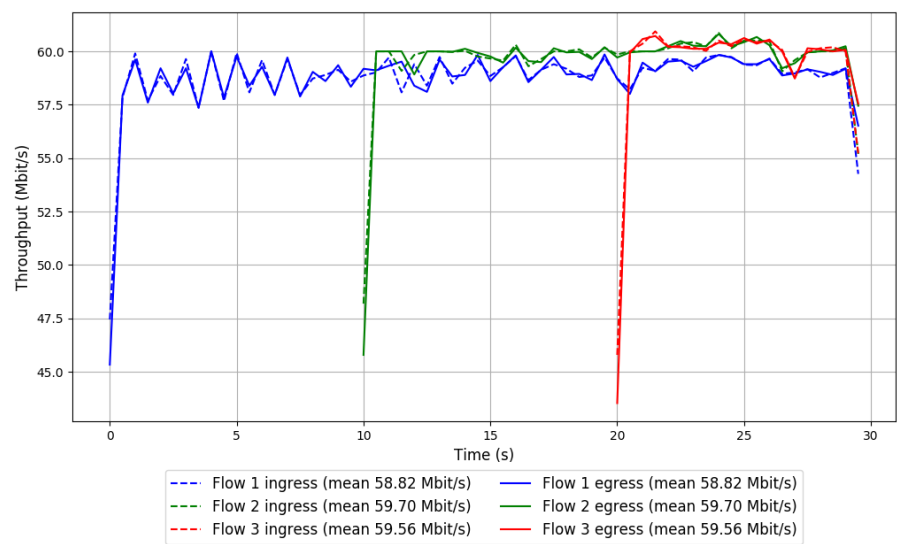
-- Flow 3:

Average throughput: 59.56 Mbit/s

95th percentile per-packet one-way delay: 19.070 ms

Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:51:40 +0000

End at: Tue, 01 Aug 2017 00:52:10 +0000

Local clock offset: 0.852 ms

Remote clock offset: -0.877 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.82 Mbit/s

95th percentile per-packet one-way delay: 19.287 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 59.17 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 58.88 Mbit/s

95th percentile per-packet one-way delay: 19.147 ms

Loss rate: 0.28%

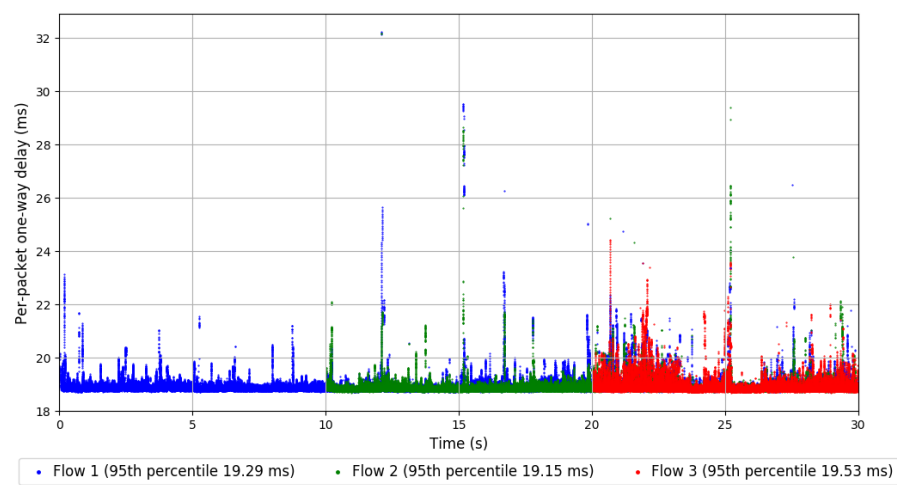
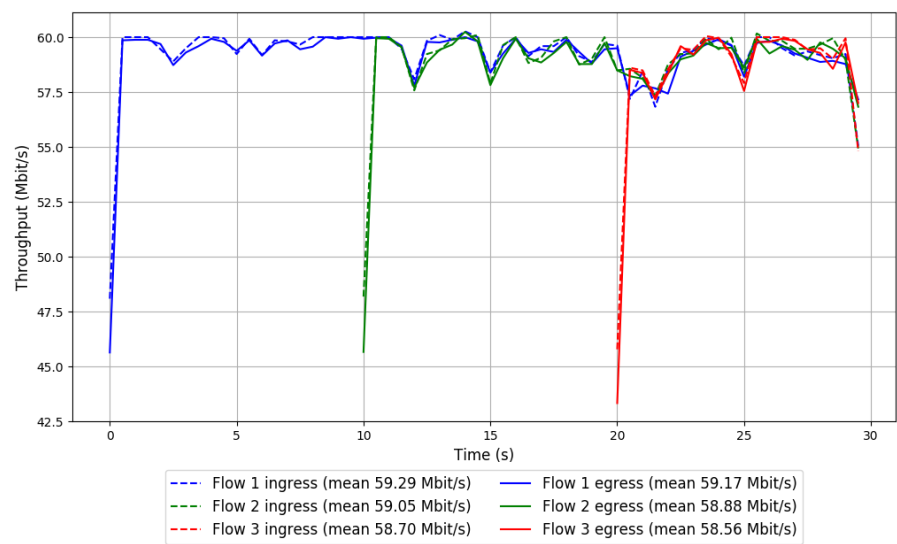
-- Flow 3:

Average throughput: 58.56 Mbit/s

95th percentile per-packet one-way delay: 19.533 ms

Loss rate: 0.23%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 01:11:44 +0000

End at: Tue, 01 Aug 2017 01:12:14 +0000

Local clock offset: 0.885 ms

Remote clock offset: -0.577 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:51 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.21 Mbit/s

95th percentile per-packet one-way delay: 19.397 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 58.59 Mbit/s

95th percentile per-packet one-way delay: 19.429 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 59.02 Mbit/s

95th percentile per-packet one-way delay: 19.311 ms

Loss rate: 0.23%

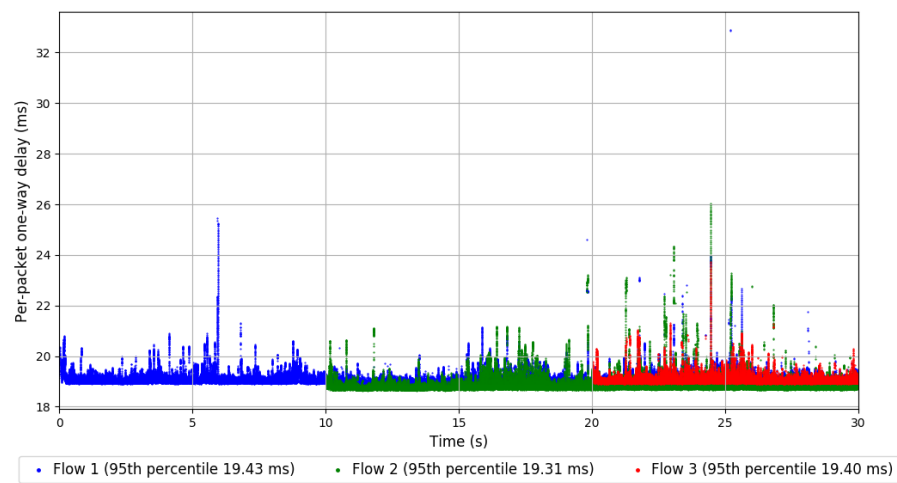
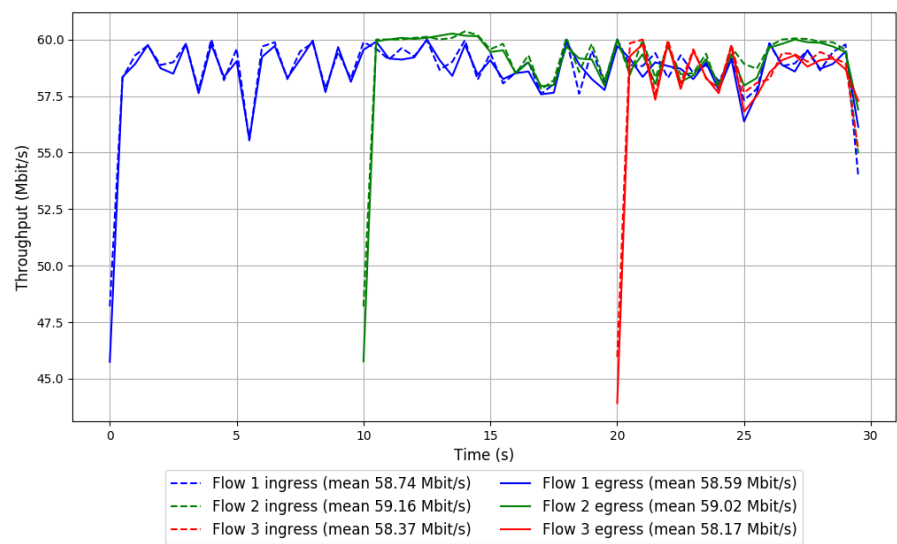
-- Flow 3:

Average throughput: 58.17 Mbit/s

95th percentile per-packet one-way delay: 19.398 ms

Loss rate: 0.34%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 01:32:31 +0000

End at: Tue, 01 Aug 2017 01:33:01 +0000

Local clock offset: 0.968 ms

Remote clock offset: -0.722 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:08:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 120.63 Mbit/s

95th percentile per-packet one-way delay: 19.298 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 58.89 Mbit/s

95th percentile per-packet one-way delay: 19.380 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 63.51 Mbit/s

95th percentile per-packet one-way delay: 17.936 ms

Loss rate: 0.01%

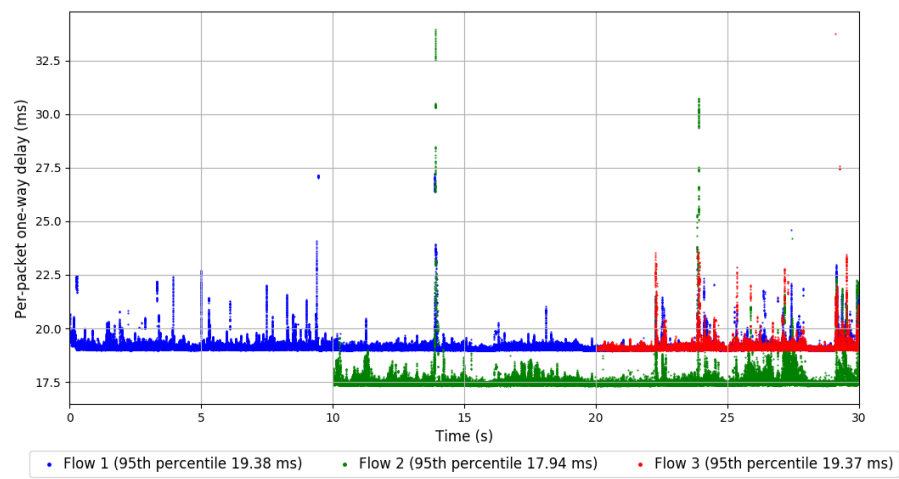
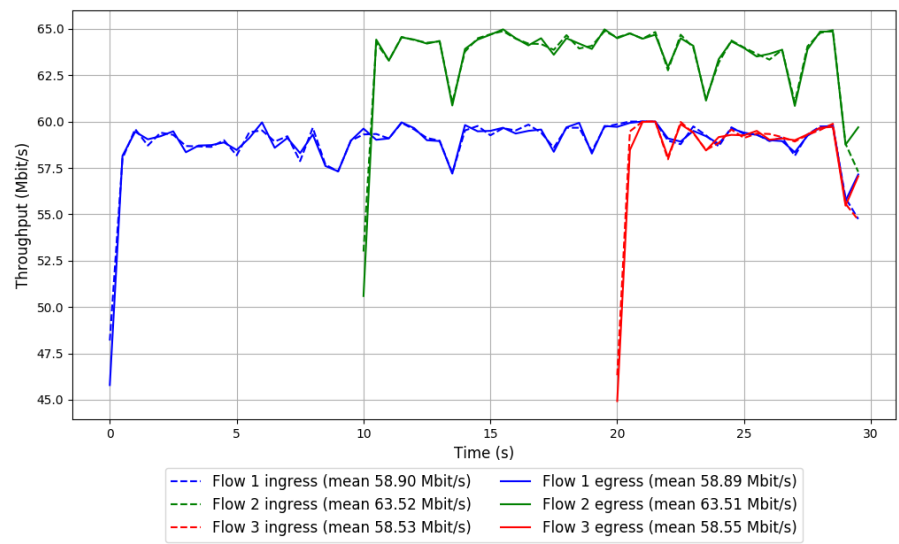
-- Flow 3:

Average throughput: 58.55 Mbit/s

95th percentile per-packet one-way delay: 19.374 ms

Loss rate: 0.02%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 01:53:30 +0000

End at: Tue, 01 Aug 2017 01:54:00 +0000

Local clock offset: 0.84 ms

Remote clock offset: -1.18 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:09:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 121.22 Mbit/s

95th percentile per-packet one-way delay: 19.332 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.13 Mbit/s

95th percentile per-packet one-way delay: 19.412 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 63.86 Mbit/s

95th percentile per-packet one-way delay: 17.804 ms

Loss rate: 0.00%

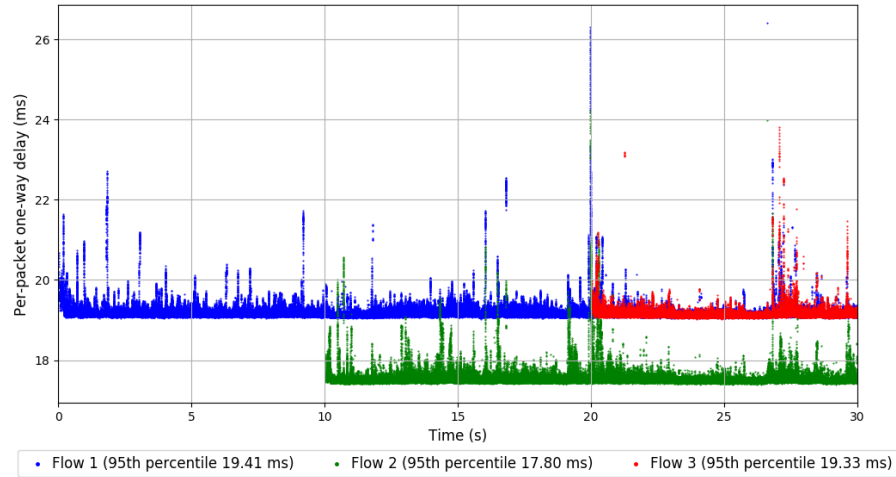
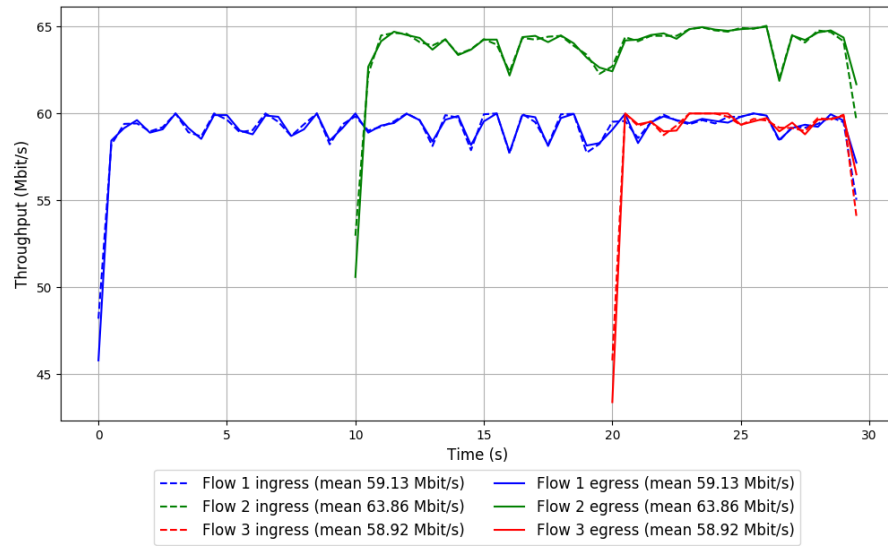
-- Flow 3:

Average throughput: 58.92 Mbit/s

95th percentile per-packet one-way delay: 19.332 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 02:14:58 +0000

End at: Tue, 01 Aug 2017 02:15:28 +0000

Local clock offset: 0.741 ms

Remote clock offset: -1.253 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:09:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.50 Mbit/s

95th percentile per-packet one-way delay: 19.378 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.64 Mbit/s

95th percentile per-packet one-way delay: 19.404 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 59.08 Mbit/s

95th percentile per-packet one-way delay: 19.349 ms

Loss rate: 0.00%

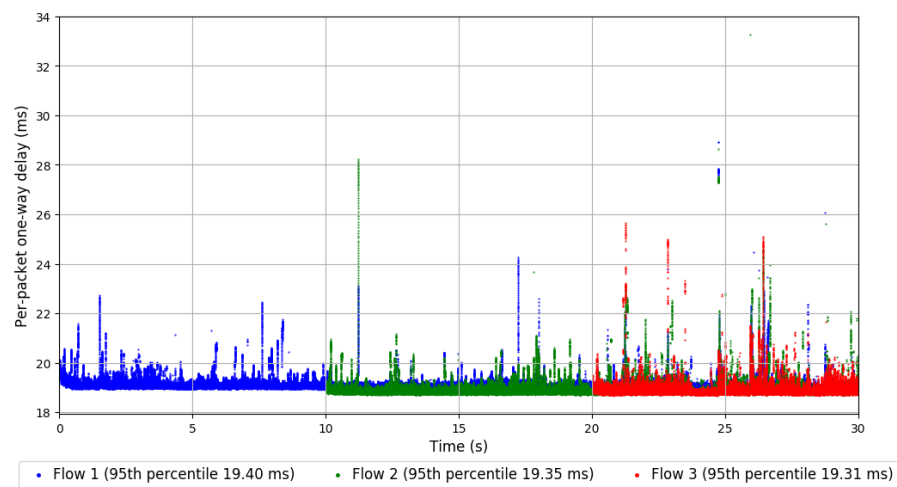
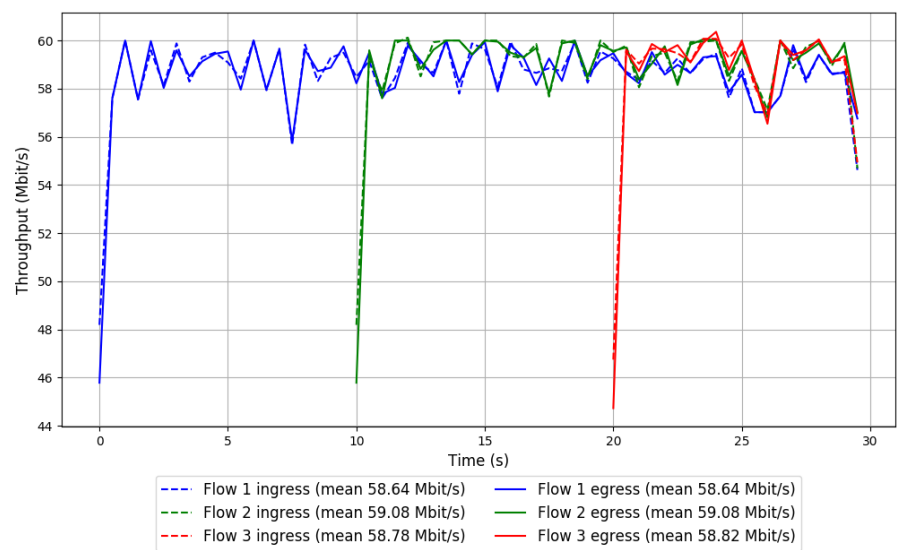
-- Flow 3:

Average throughput: 58.82 Mbit/s

95th percentile per-packet one-way delay: 19.312 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 02:36:13 +0000

End at: Tue, 01 Aug 2017 02:36:43 +0000

Local clock offset: 0.575 ms

Remote clock offset: -1.482 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:09:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.36 Mbit/s

95th percentile per-packet one-way delay: 19.315 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.76 Mbit/s

95th percentile per-packet one-way delay: 19.336 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 58.77 Mbit/s

95th percentile per-packet one-way delay: 19.314 ms

Loss rate: 0.00%

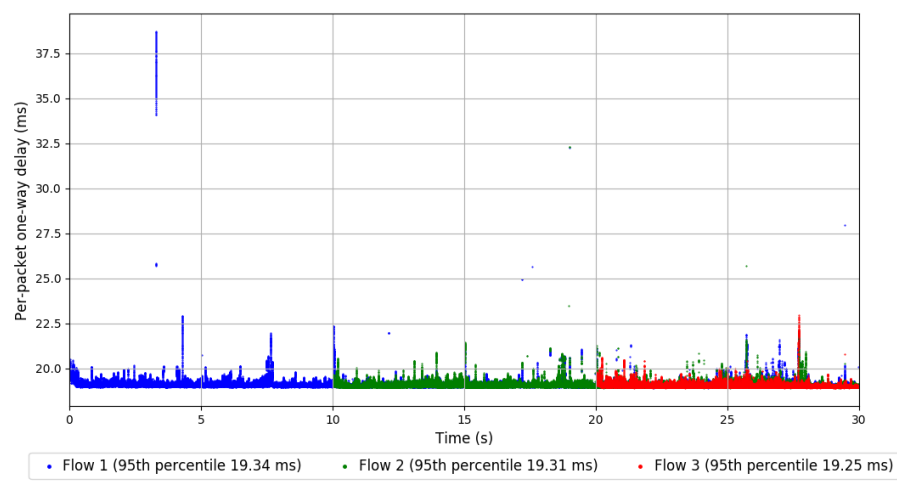
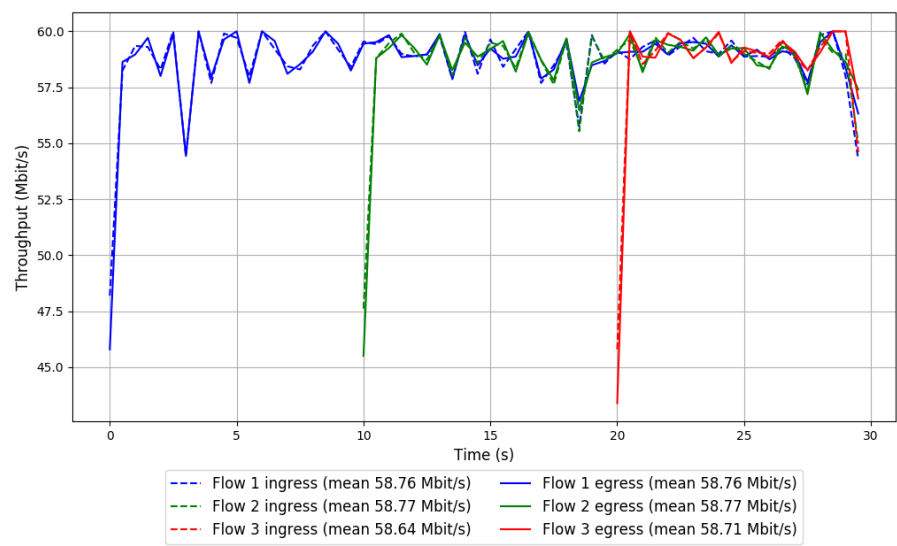
-- Flow 3:

Average throughput: 58.71 Mbit/s

95th percentile per-packet one-way delay: 19.253 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 02:57:41 +0000

End at: Tue, 01 Aug 2017 02:58:11 +0000

Local clock offset: 0.226 ms

Remote clock offset: -1.292 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:09:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.40 Mbit/s

95th percentile per-packet one-way delay: 19.333 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 19.370 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 59.33 Mbit/s

95th percentile per-packet one-way delay: 19.361 ms

Loss rate: 0.01%

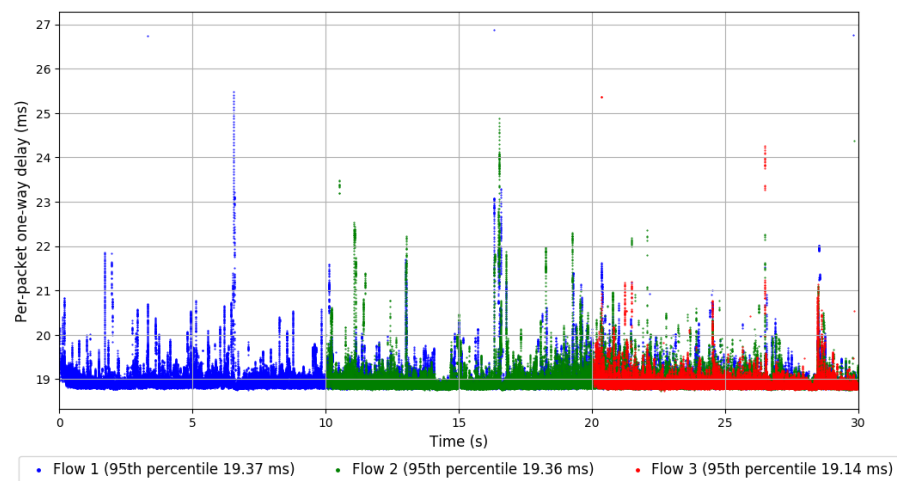
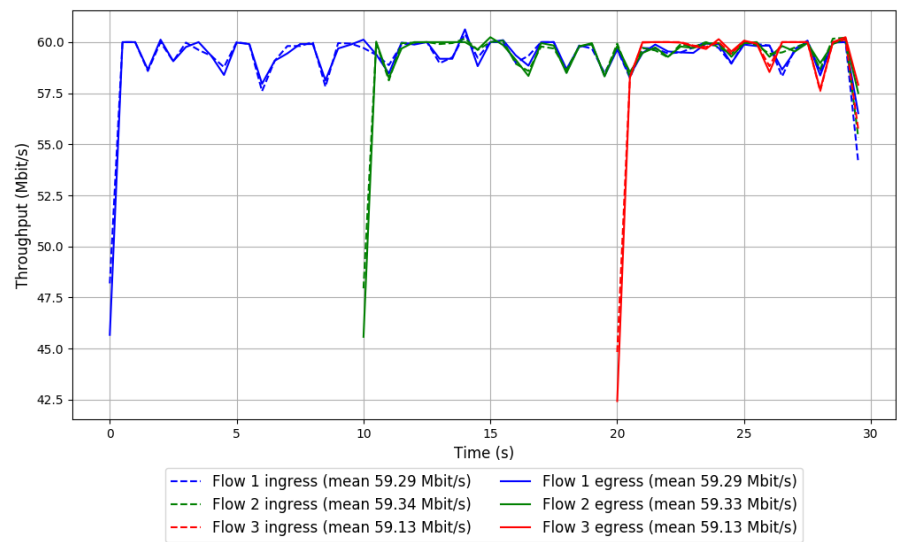
-- Flow 3:

Average throughput: 59.13 Mbit/s

95th percentile per-packet one-way delay: 19.144 ms

Loss rate: 0.01%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 23:47:48 +0000

End at: Mon, 31 Jul 2017 23:48:18 +0000

Local clock offset: 0.422 ms

Remote clock offset: -1.747 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 301.97 Mbit/s

95th percentile per-packet one-way delay: 19.188 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 181.73 Mbit/s

95th percentile per-packet one-way delay: 19.228 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 125.57 Mbit/s

95th percentile per-packet one-way delay: 19.089 ms

Loss rate: 0.00%

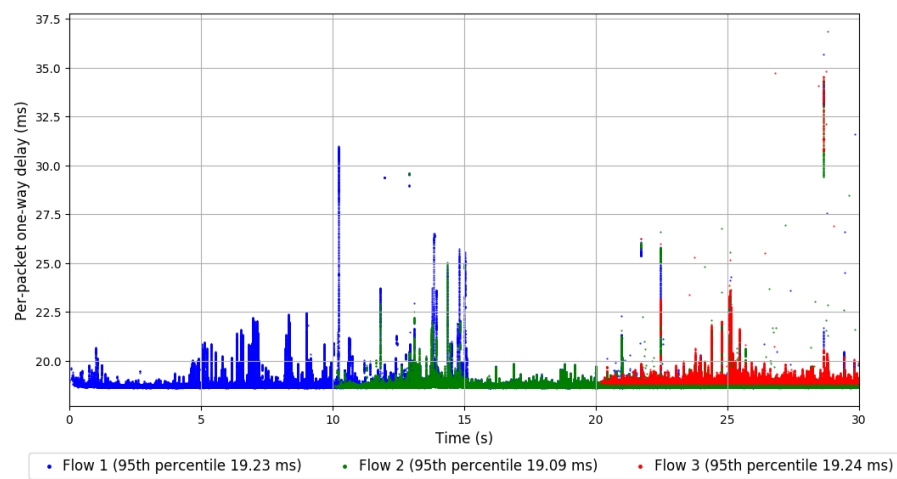
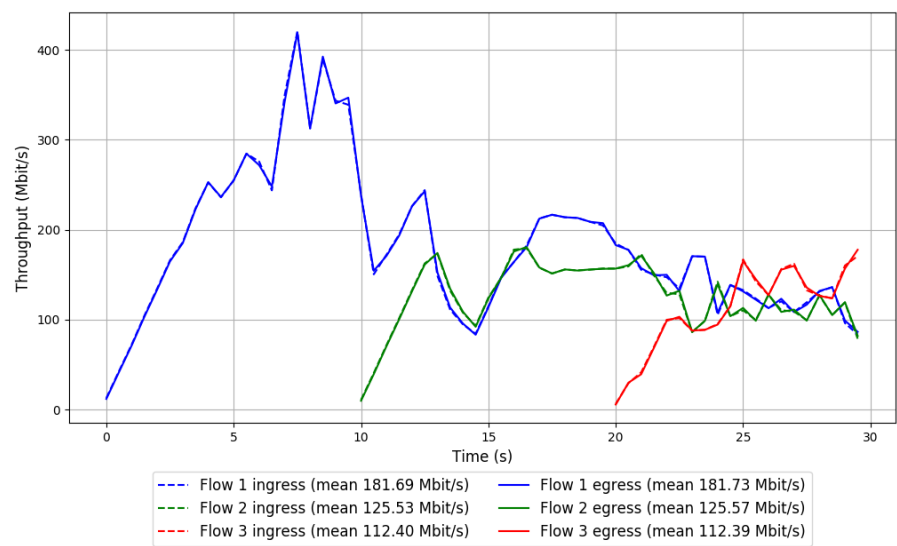
-- Flow 3:

Average throughput: 112.39 Mbit/s

95th percentile per-packet one-way delay: 19.240 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:08:51 +0000

End at: Tue, 01 Aug 2017 00:09:21 +0000

Local clock offset: 0.586 ms

Remote clock offset: -1.333 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 149.59 Mbit/s

95th percentile per-packet one-way delay: 19.628 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 80.49 Mbit/s

95th percentile per-packet one-way delay: 19.496 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 70.36 Mbit/s

95th percentile per-packet one-way delay: 19.853 ms

Loss rate: 0.05%

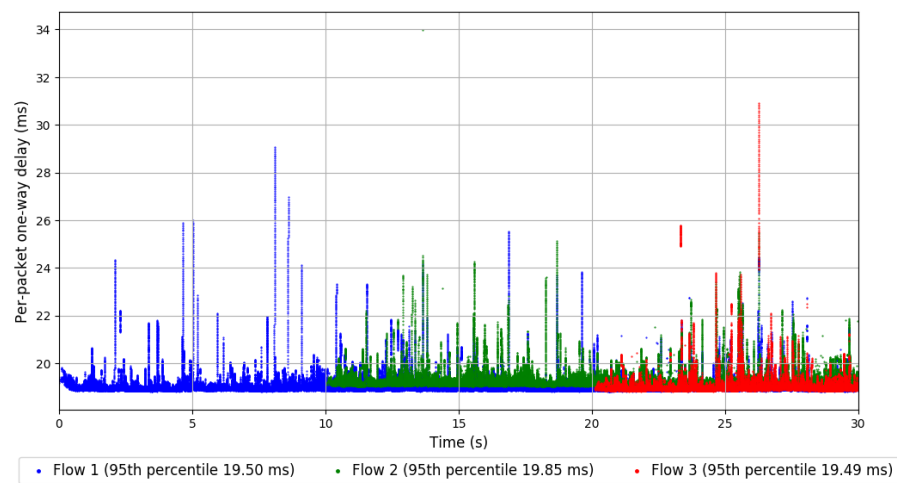
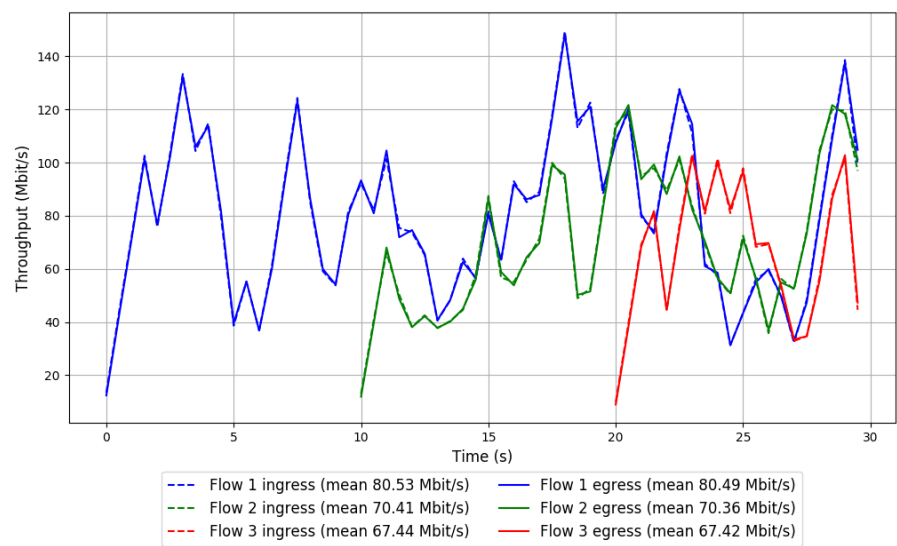
-- Flow 3:

Average throughput: 67.42 Mbit/s

95th percentile per-packet one-way delay: 19.490 ms

Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:29:41 +0000

End at: Tue, 01 Aug 2017 00:30:11 +0000

Local clock offset: 0.798 ms

Remote clock offset: -0.727 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 246.15 Mbit/s

95th percentile per-packet one-way delay: 18.940 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 126.87 Mbit/s

95th percentile per-packet one-way delay: 17.776 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 117.56 Mbit/s

95th percentile per-packet one-way delay: 19.112 ms

Loss rate: 0.01%

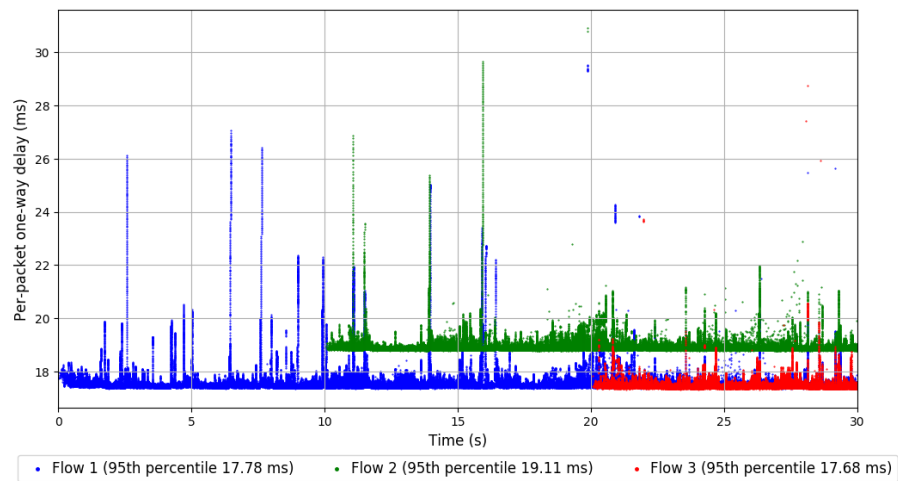
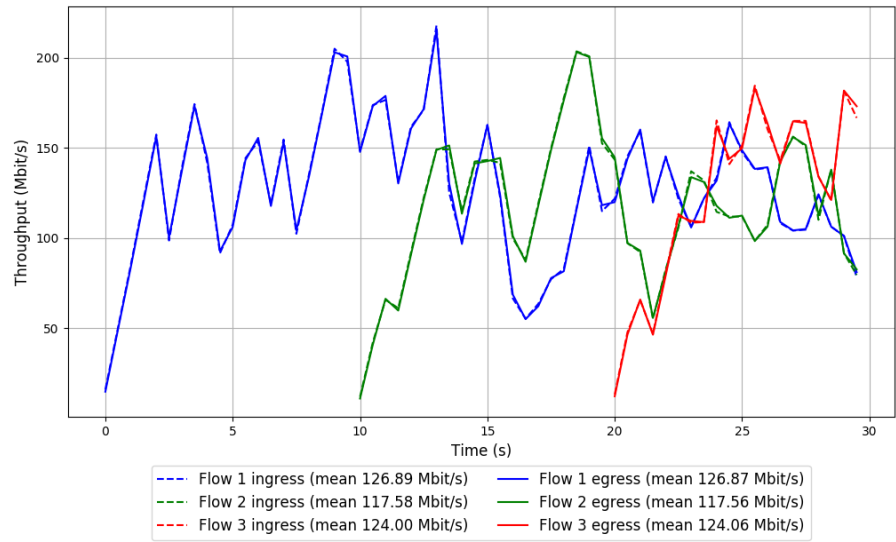
-- Flow 3:

Average throughput: 124.06 Mbit/s

95th percentile per-packet one-way delay: 17.685 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:50:25 +0000

End at: Tue, 01 Aug 2017 00:50:55 +0000

Local clock offset: 0.953 ms

Remote clock offset: -0.896 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.75 Mbit/s

95th percentile per-packet one-way delay: 19.606 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 29.15 Mbit/s

95th percentile per-packet one-way delay: 19.656 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 27.01 Mbit/s

95th percentile per-packet one-way delay: 19.620 ms

Loss rate: 0.29%

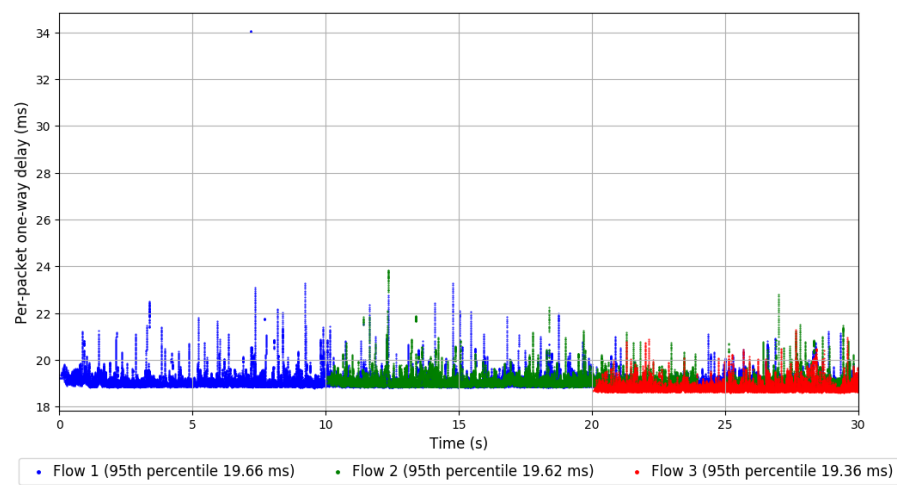
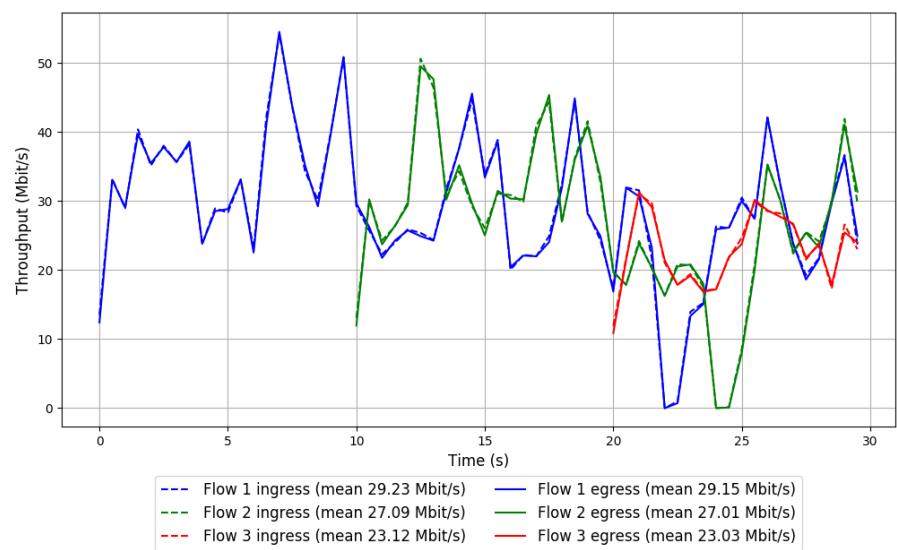
-- Flow 3:

Average throughput: 23.03 Mbit/s

95th percentile per-packet one-way delay: 19.356 ms

Loss rate: 0.40%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 01:10:27 +0000

End at: Tue, 01 Aug 2017 01:10:57 +0000

Local clock offset: 0.87 ms

Remote clock offset: -0.55 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 98.36 Mbit/s

95th percentile per-packet one-way delay: 19.446 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 47.20 Mbit/s

95th percentile per-packet one-way delay: 19.729 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 50.69 Mbit/s

95th percentile per-packet one-way delay: 18.154 ms

Loss rate: 0.13%

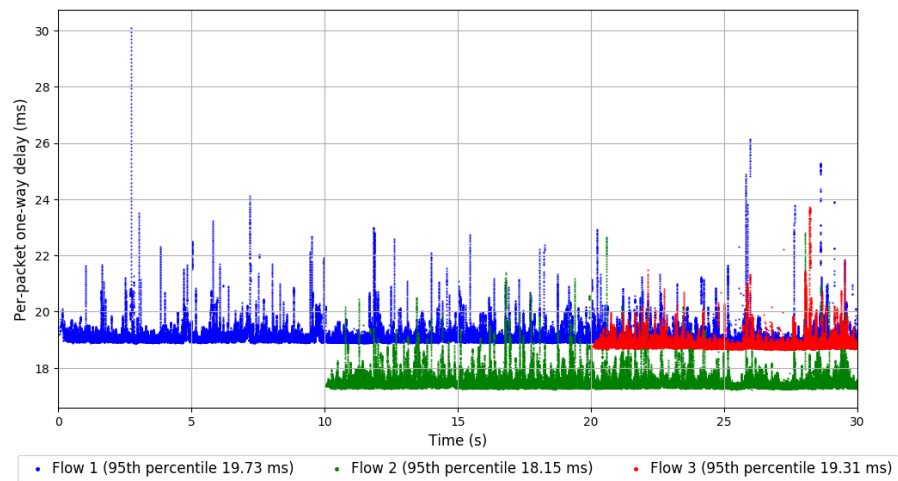
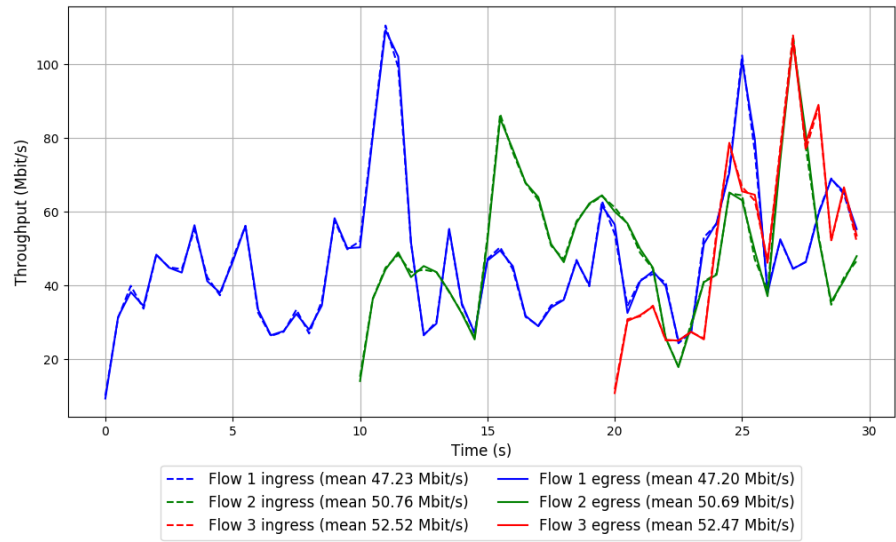
-- Flow 3:

Average throughput: 52.47 Mbit/s

95th percentile per-packet one-way delay: 19.312 ms

Loss rate: 0.09%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 01:31:03 +0000

End at: Tue, 01 Aug 2017 01:31:33 +0000

Local clock offset: 0.863 ms

Remote clock offset: -0.785 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:10:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 255.44 Mbit/s

95th percentile per-packet one-way delay: 19.292 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 140.43 Mbit/s

95th percentile per-packet one-way delay: 19.400 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 114.72 Mbit/s

95th percentile per-packet one-way delay: 19.056 ms

Loss rate: 0.01%

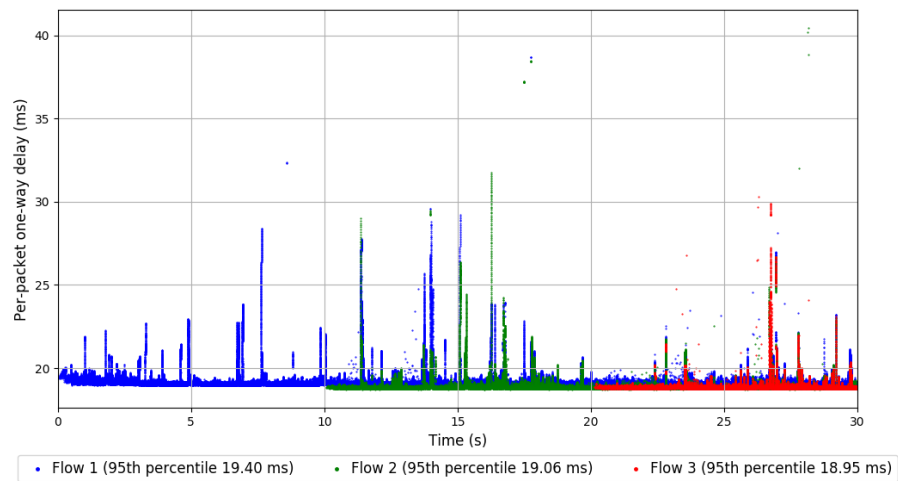
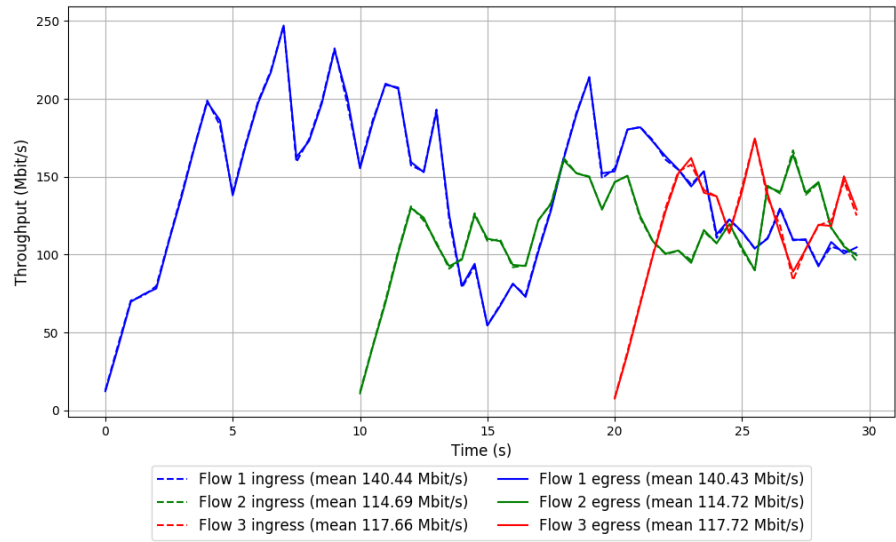
-- Flow 3:

Average throughput: 117.72 Mbit/s

95th percentile per-packet one-way delay: 18.951 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 01:52:00 +0000

End at: Tue, 01 Aug 2017 01:52:30 +0000

Local clock offset: 0.88 ms

Remote clock offset: -1.206 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:11:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 275.70 Mbit/s

95th percentile per-packet one-way delay: 19.204 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 153.41 Mbit/s

95th percentile per-packet one-way delay: 19.240 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 136.06 Mbit/s

95th percentile per-packet one-way delay: 19.177 ms

Loss rate: 0.01%

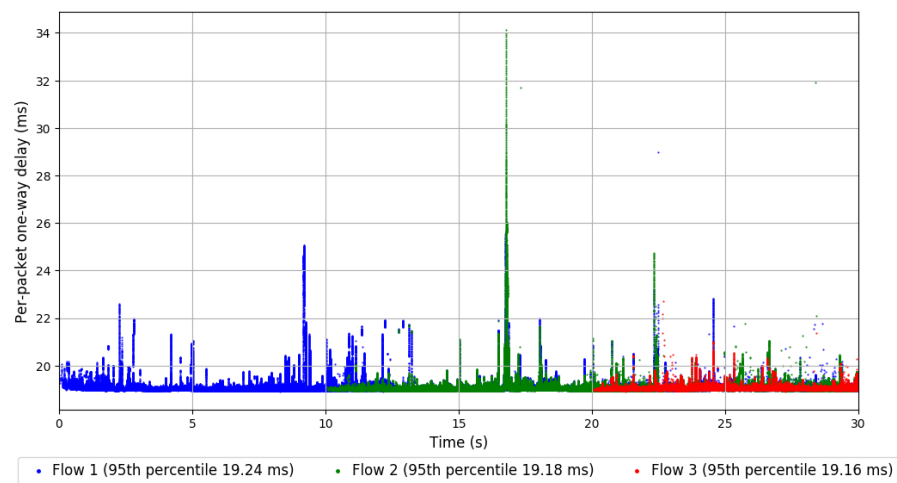
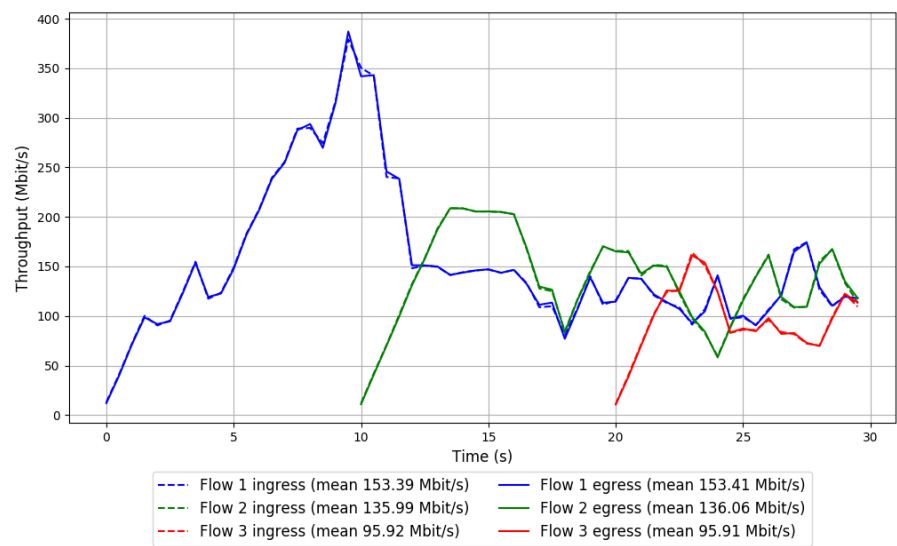
-- Flow 3:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 19.157 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 02:13:31 +0000

End at: Tue, 01 Aug 2017 02:14:01 +0000

Local clock offset: 0.739 ms

Remote clock offset: -1.2 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:11:22 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 254.50 Mbit/s

95th percentile per-packet one-way delay: 19.169 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 132.41 Mbit/s

95th percentile per-packet one-way delay: 19.065 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 131.27 Mbit/s

95th percentile per-packet one-way delay: 19.256 ms

Loss rate: 0.04%

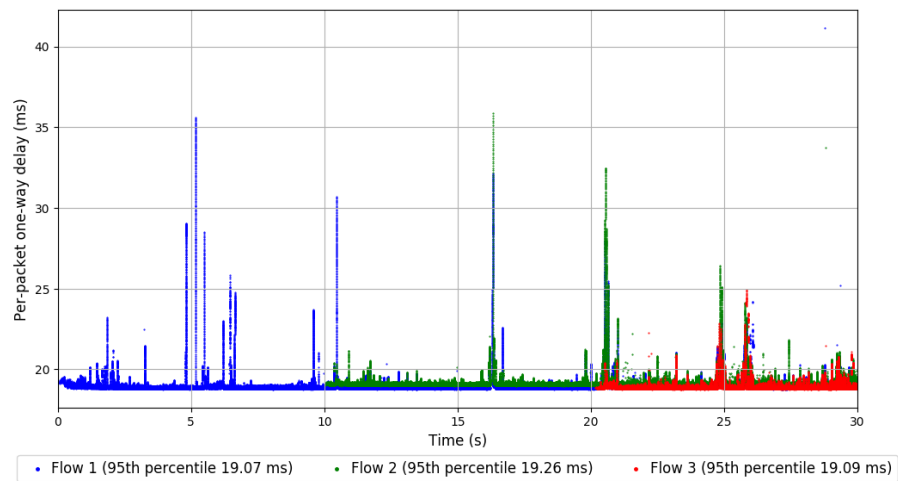
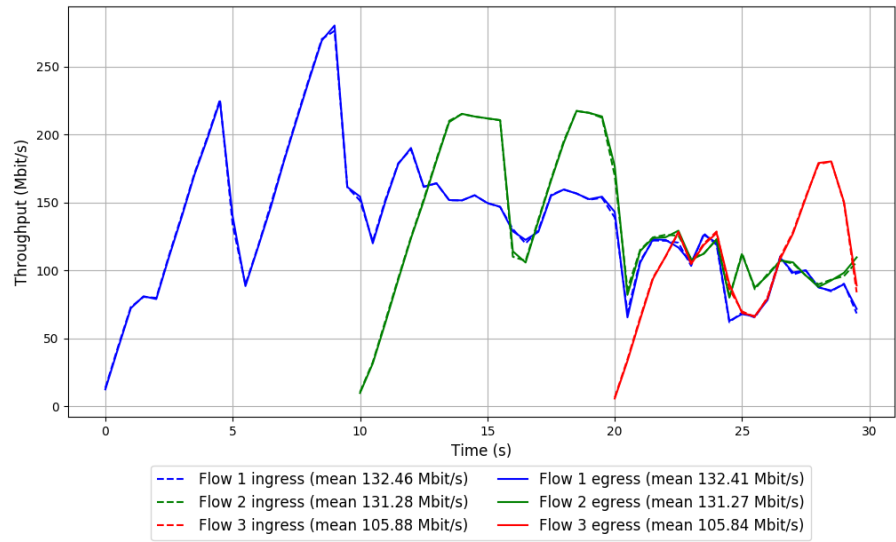
-- Flow 3:

Average throughput: 105.84 Mbit/s

95th percentile per-packet one-way delay: 19.093 ms

Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 02:34:41 +0000

End at: Tue, 01 Aug 2017 02:35:11 +0000

Local clock offset: 0.582 ms

Remote clock offset: -1.347 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:11:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 319.64 Mbit/s

95th percentile per-packet one-way delay: 19.458 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 178.80 Mbit/s

95th percentile per-packet one-way delay: 19.516 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 160.32 Mbit/s

95th percentile per-packet one-way delay: 19.367 ms

Loss rate: 0.01%

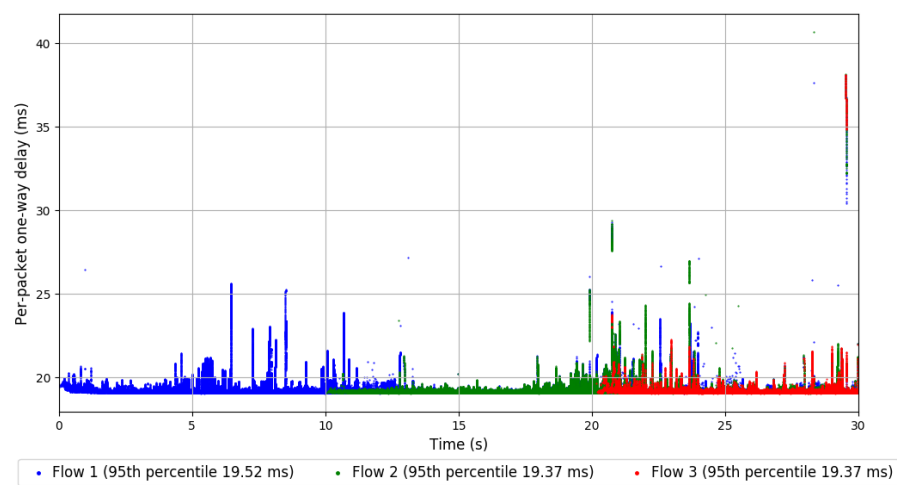
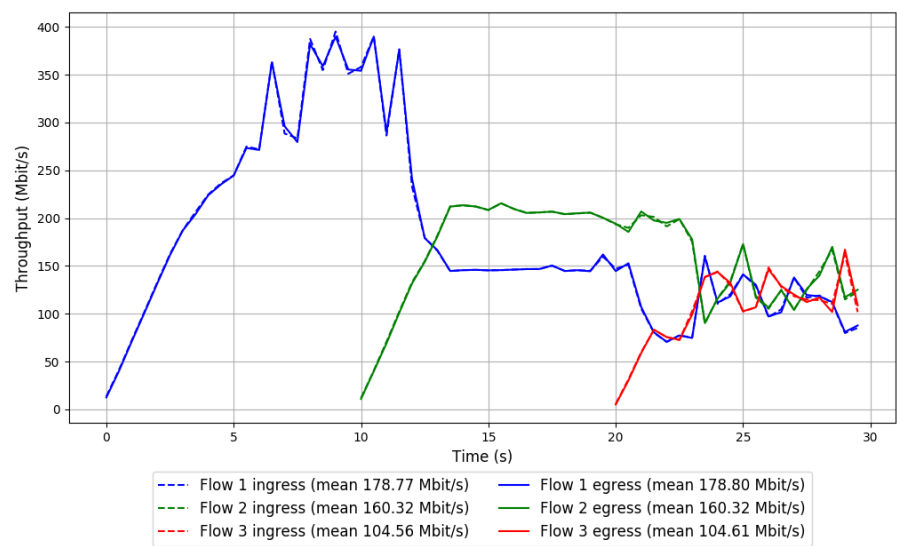
-- Flow 3:

Average throughput: 104.61 Mbit/s

95th percentile per-packet one-way delay: 19.373 ms

Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 02:56:10 +0000

End at: Tue, 01 Aug 2017 02:56:40 +0000

Local clock offset: 0.247 ms

Remote clock offset: -1.302 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:12:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 314.01 Mbit/s

95th percentile per-packet one-way delay: 19.085 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 181.36 Mbit/s

95th percentile per-packet one-way delay: 19.189 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 139.00 Mbit/s

95th percentile per-packet one-way delay: 18.946 ms

Loss rate: 0.01%

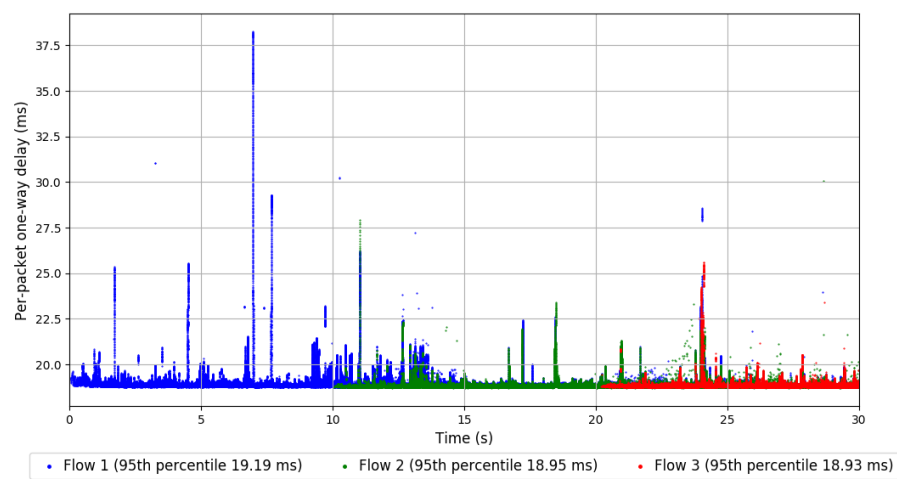
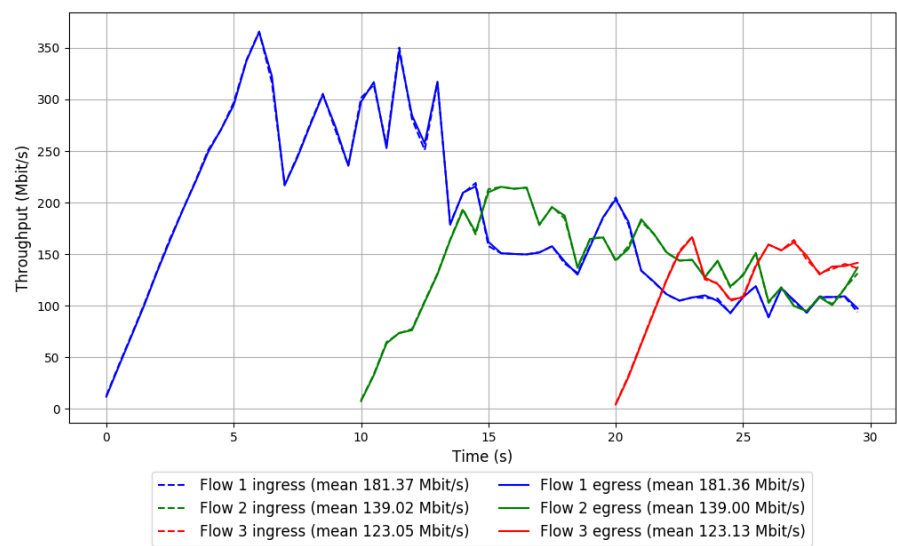
-- Flow 3:

Average throughput: 123.13 Mbit/s

95th percentile per-packet one-way delay: 18.928 ms

Loss rate: 0.02%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Mon, 31 Jul 2017 23:51:48 +0000

End at: Mon, 31 Jul 2017 23:52:18 +0000

Local clock offset: 0.378 ms

Remote clock offset: -1.751 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:12:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 611.98 Mbit/s

95th percentile per-packet one-way delay: 20.792 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 400.68 Mbit/s

95th percentile per-packet one-way delay: 20.928 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 195.52 Mbit/s

95th percentile per-packet one-way delay: 20.217 ms

Loss rate: 0.00%

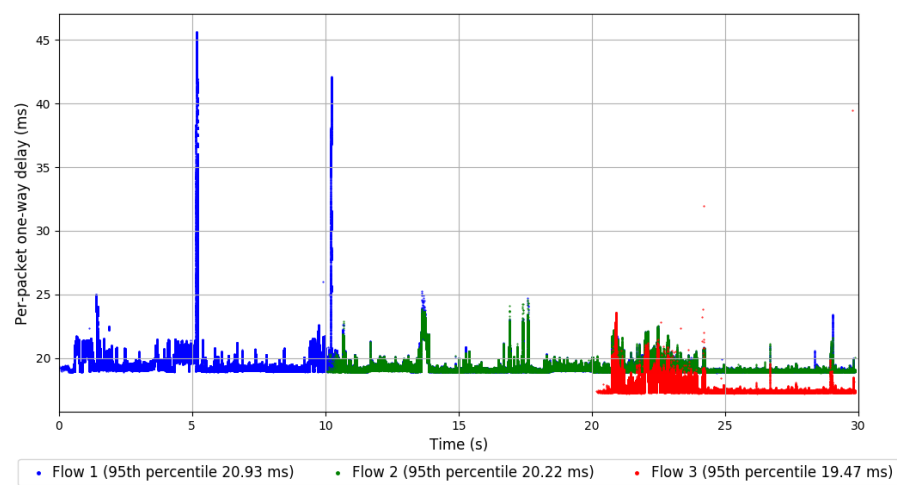
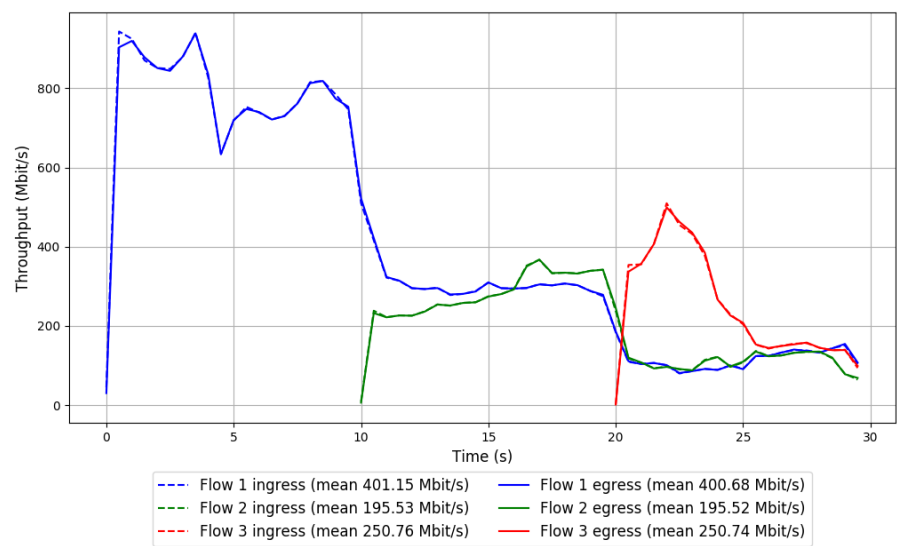
-- Flow 3:

Average throughput: 250.74 Mbit/s

95th percentile per-packet one-way delay: 19.469 ms

Loss rate: 0.01%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:12:42 +0000

End at: Tue, 01 Aug 2017 00:13:12 +0000

Local clock offset: 0.624 ms

Remote clock offset: -1.249 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:13:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 576.69 Mbit/s

95th percentile per-packet one-way delay: 21.266 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 433.46 Mbit/s

95th percentile per-packet one-way delay: 21.393 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 125.89 Mbit/s

95th percentile per-packet one-way delay: 19.834 ms

Loss rate: 0.04%

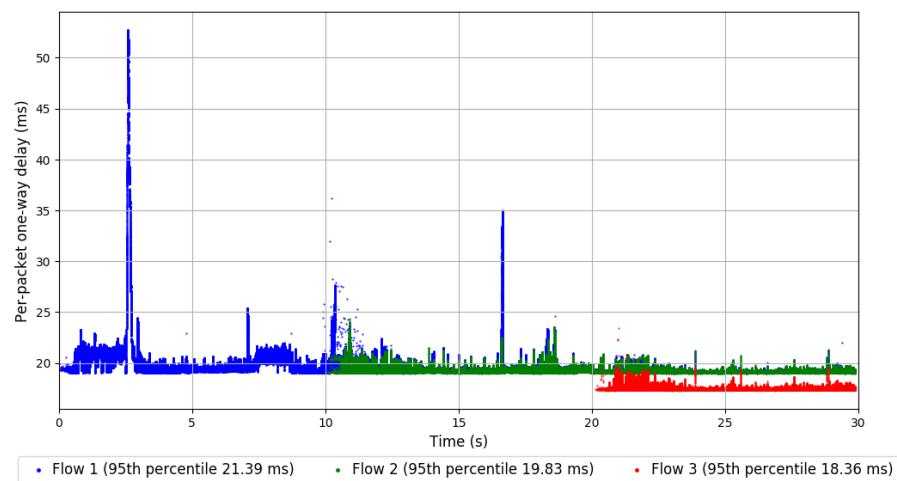
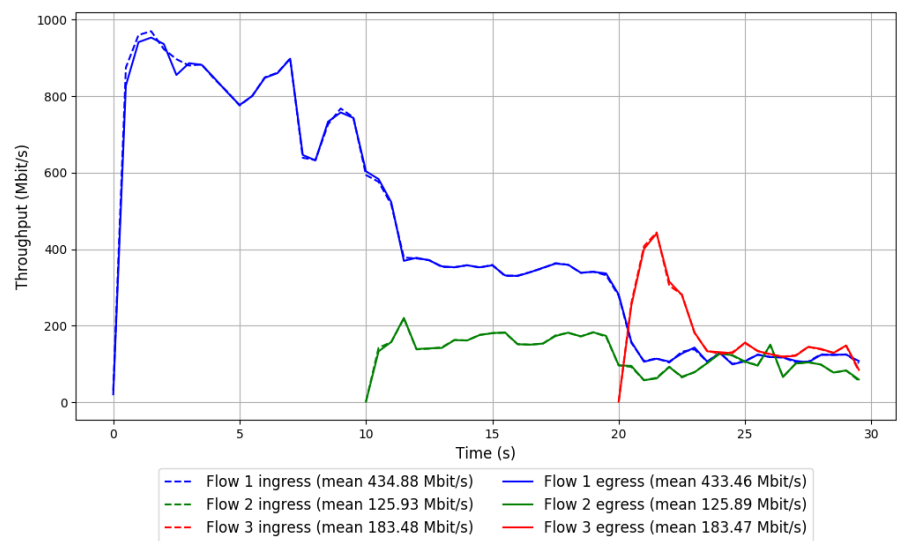
-- Flow 3:

Average throughput: 183.47 Mbit/s

95th percentile per-packet one-way delay: 18.361 ms

Loss rate: 0.00%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:33:38 +0000

End at: Tue, 01 Aug 2017 00:34:08 +0000

Local clock offset: 0.788 ms

Remote clock offset: -0.715 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:14:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 655.30 Mbit/s

95th percentile per-packet one-way delay: 21.124 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 427.54 Mbit/s

95th percentile per-packet one-way delay: 21.014 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 229.75 Mbit/s

95th percentile per-packet one-way delay: 21.197 ms

Loss rate: 0.00%

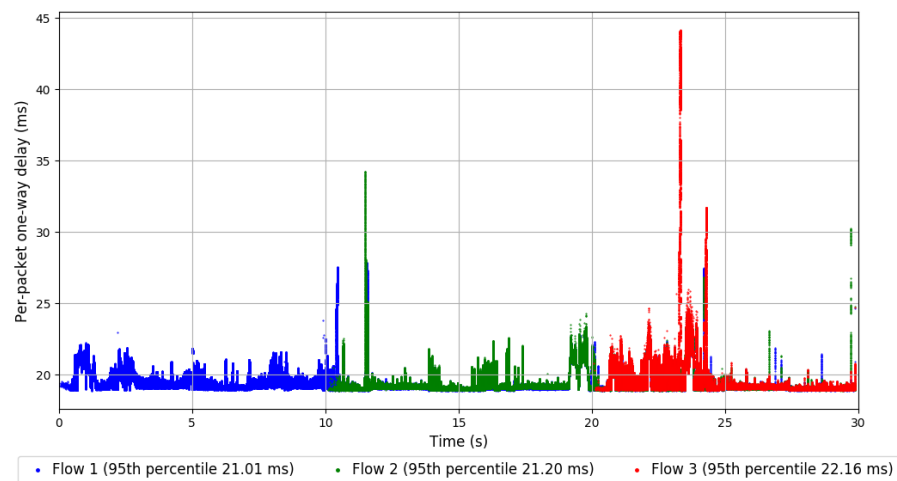
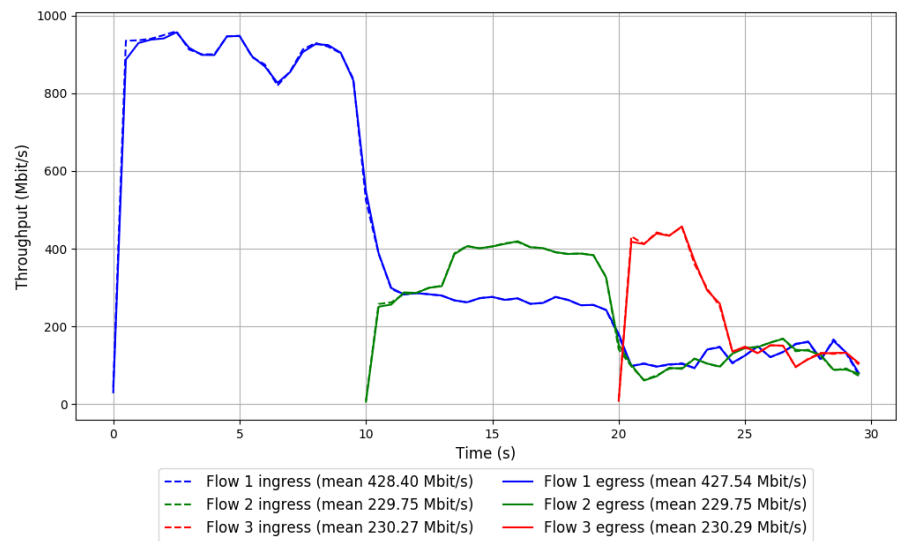
-- Flow 3:

Average throughput: 230.29 Mbit/s

95th percentile per-packet one-way delay: 22.155 ms

Loss rate: 0.00%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:54:09 +0000

End at: Tue, 01 Aug 2017 00:54:39 +0000

Local clock offset: 0.933 ms

Remote clock offset: -0.726 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:14:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 530.82 Mbit/s

95th percentile per-packet one-way delay: 18.917 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 379.87 Mbit/s

95th percentile per-packet one-way delay: 18.649 ms

Loss rate: 0.50%

-- Flow 2:

Average throughput: 148.39 Mbit/s

95th percentile per-packet one-way delay: 17.697 ms

Loss rate: 0.36%

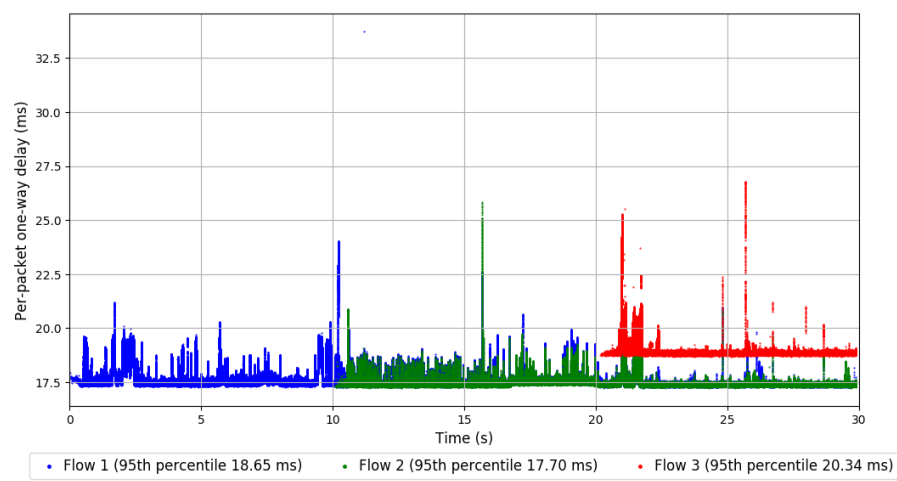
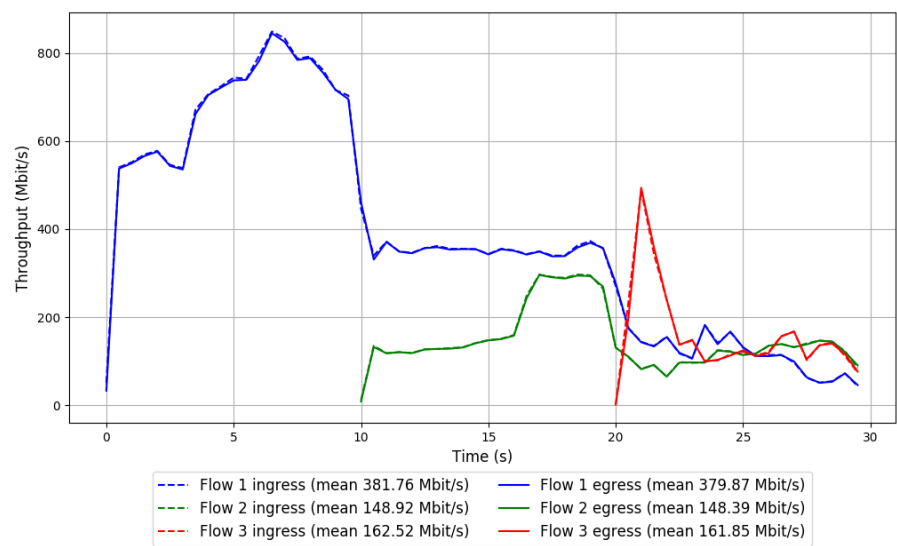
-- Flow 3:

Average throughput: 161.85 Mbit/s

95th percentile per-packet one-way delay: 20.343 ms

Loss rate: 0.42%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 01 Aug 2017 01:14:14 +0000

End at: Tue, 01 Aug 2017 01:14:44 +0000

Local clock offset: 0.809 ms

Remote clock offset: -0.532 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:15:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 449.56 Mbit/s

95th percentile per-packet one-way delay: 20.000 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 339.91 Mbit/s

95th percentile per-packet one-way delay: 19.685 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 75.10 Mbit/s

95th percentile per-packet one-way delay: 19.835 ms

Loss rate: 0.37%

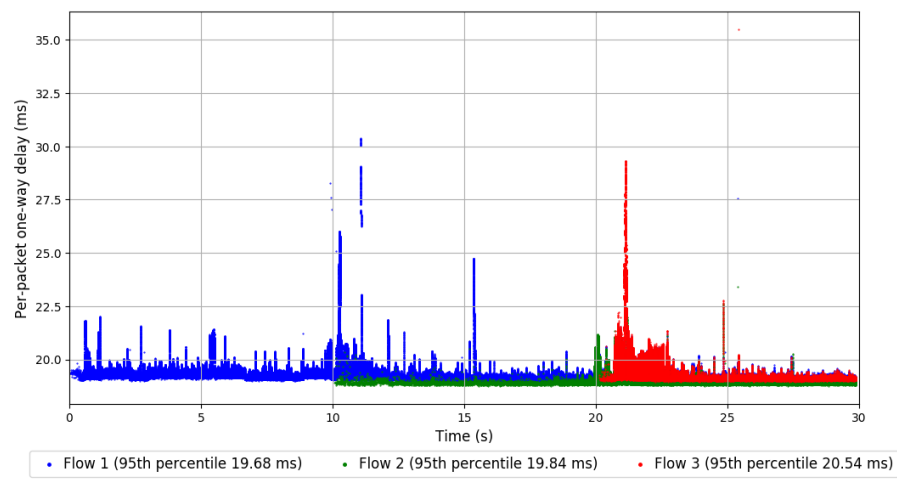
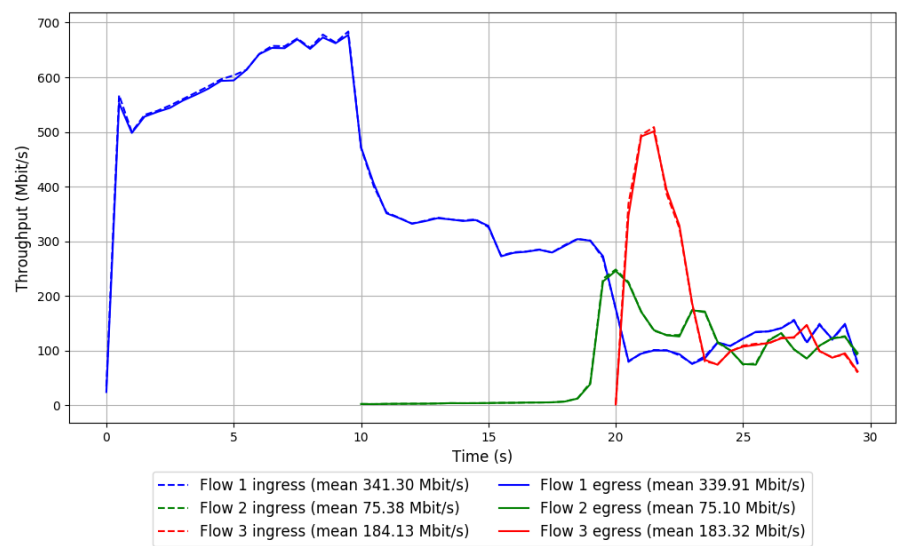
-- Flow 3:

Average throughput: 183.32 Mbit/s

95th percentile per-packet one-way delay: 20.536 ms

Loss rate: 0.44%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 01 Aug 2017 01:35:00 +0000

End at: Tue, 01 Aug 2017 01:35:30 +0000

Local clock offset: 0.97 ms

Remote clock offset: -0.871 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:15:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 465.87 Mbit/s

95th percentile per-packet one-way delay: 19.638 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 350.39 Mbit/s

95th percentile per-packet one-way delay: 19.648 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 170.60 Mbit/s

95th percentile per-packet one-way delay: 19.618 ms

Loss rate: 0.22%

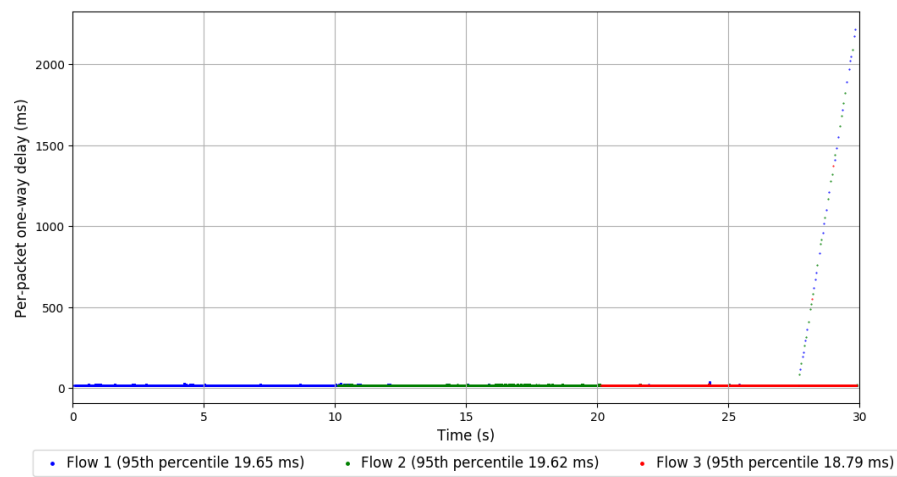
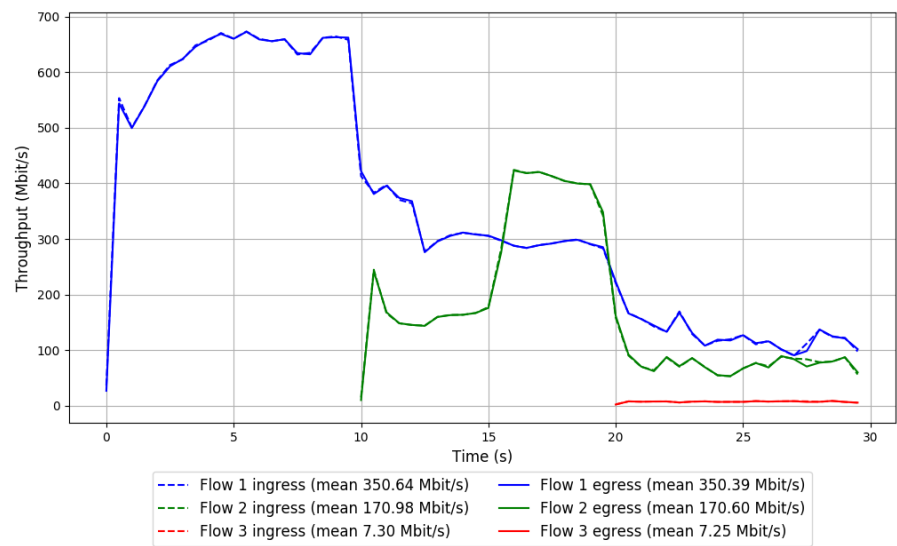
-- Flow 3:

Average throughput: 7.25 Mbit/s

95th percentile per-packet one-way delay: 18.788 ms

Loss rate: 0.67%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 01 Aug 2017 01:55:59 +0000

End at: Tue, 01 Aug 2017 01:56:29 +0000

Local clock offset: 0.939 ms

Remote clock offset: -1.244 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:16:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 546.96 Mbit/s

95th percentile per-packet one-way delay: 20.186 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 375.76 Mbit/s

95th percentile per-packet one-way delay: 20.474 ms

Loss rate: 0.77%

-- Flow 2:

Average throughput: 192.73 Mbit/s

95th percentile per-packet one-way delay: 19.153 ms

Loss rate: 0.01%

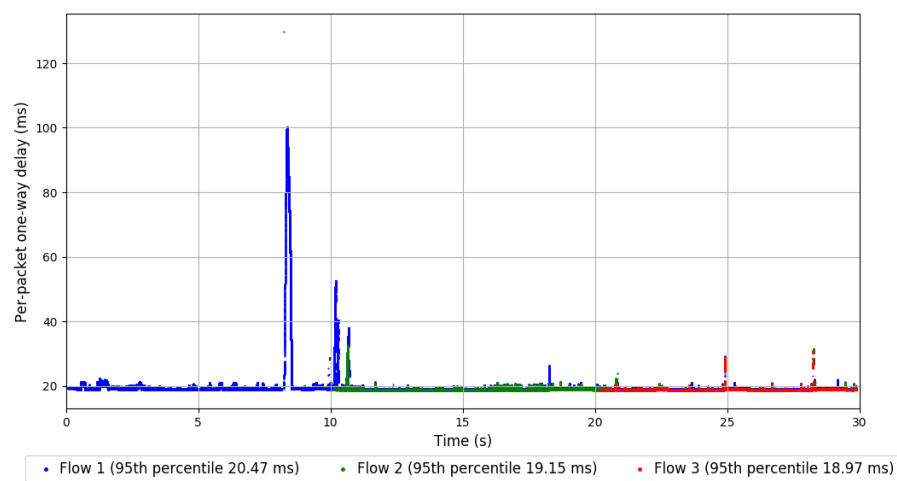
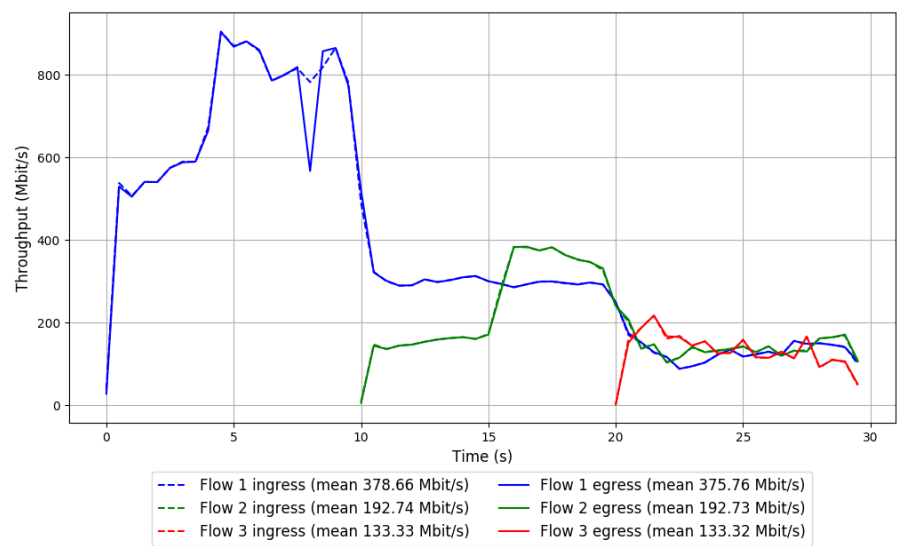
-- Flow 3:

Average throughput: 133.32 Mbit/s

95th percentile per-packet one-way delay: 18.974 ms

Loss rate: 0.00%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 01 Aug 2017 02:17:28 +0000

End at: Tue, 01 Aug 2017 02:17:58 +0000

Local clock offset: 0.807 ms

Remote clock offset: -1.242 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:16:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 560.19 Mbit/s

95th percentile per-packet one-way delay: 20.235 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 430.57 Mbit/s

95th percentile per-packet one-way delay: 20.433 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 130.80 Mbit/s

95th percentile per-packet one-way delay: 19.161 ms

Loss rate: 0.01%

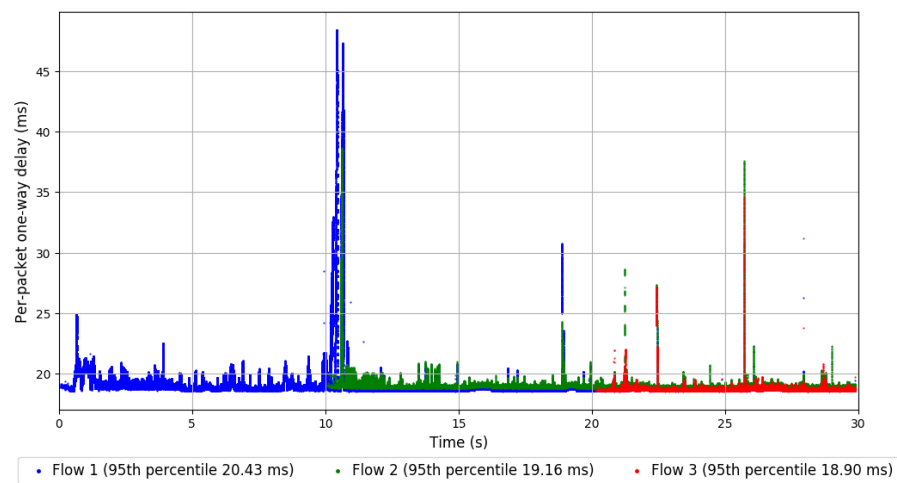
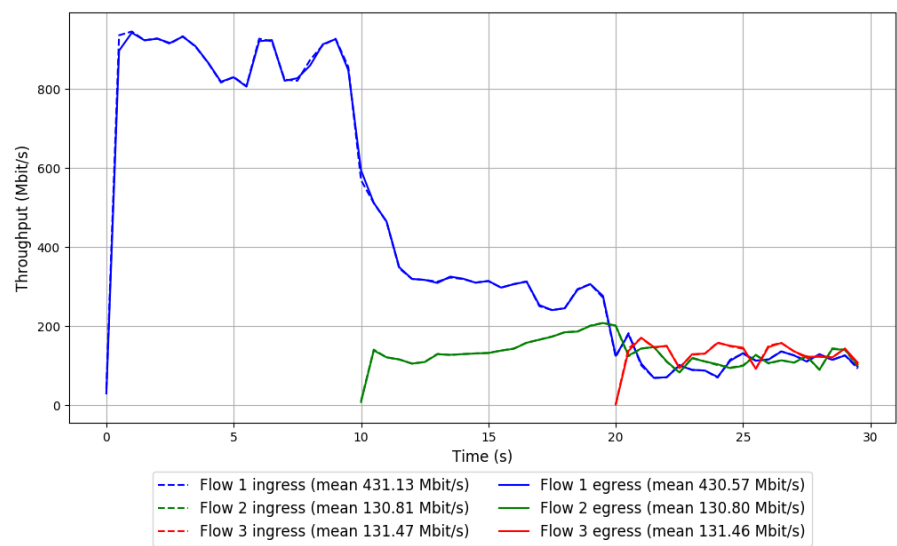
-- Flow 3:

Average throughput: 131.46 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.00%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 01 Aug 2017 02:38:43 +0000

End at: Tue, 01 Aug 2017 02:39:13 +0000

Local clock offset: 0.587 ms

Remote clock offset: -1.517 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:18:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 592.29 Mbit/s

95th percentile per-packet one-way delay: 20.574 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 413.06 Mbit/s

95th percentile per-packet one-way delay: 20.743 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 208.44 Mbit/s

95th percentile per-packet one-way delay: 19.524 ms

Loss rate: 0.00%

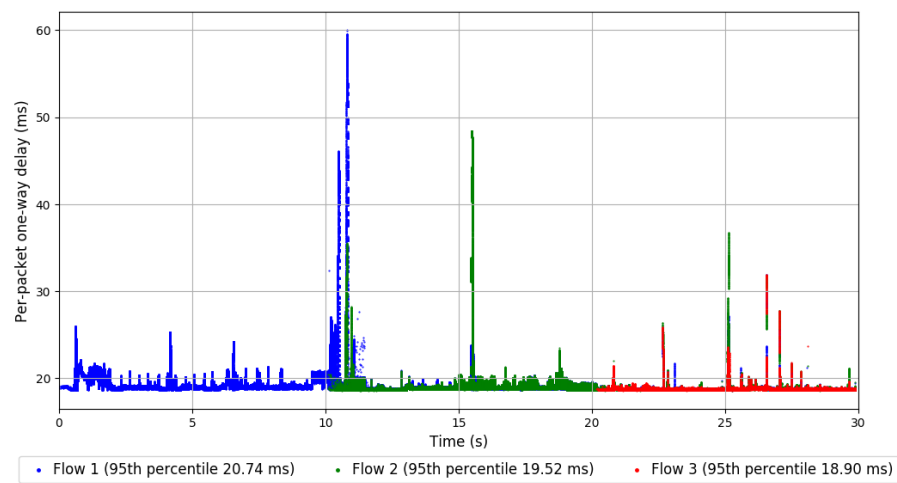
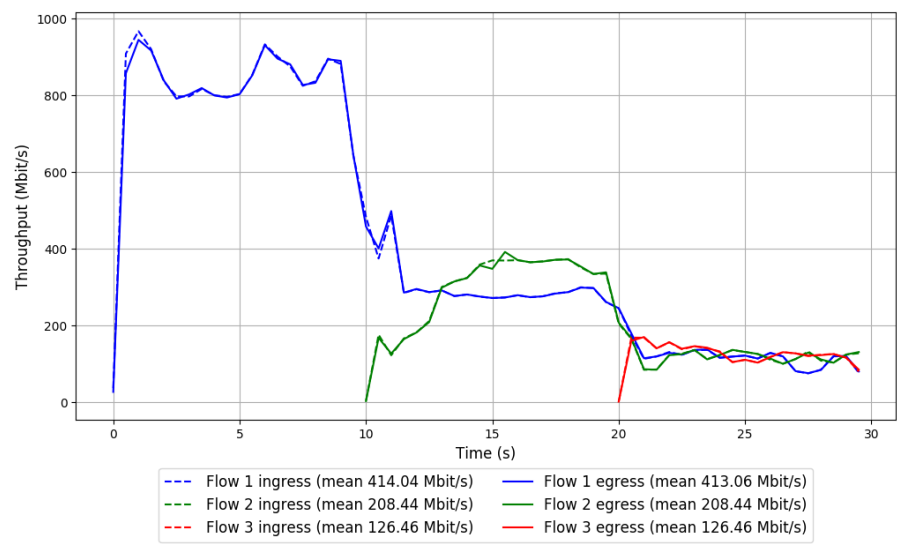
-- Flow 3:

Average throughput: 126.46 Mbit/s

95th percentile per-packet one-way delay: 18.896 ms

Loss rate: 0.00%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 01 Aug 2017 03:00:10 +0000

End at: Tue, 01 Aug 2017 03:00:40 +0000

Local clock offset: 0.231 ms

Remote clock offset: -1.362 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:18:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 543.32 Mbit/s

95th percentile per-packet one-way delay: 19.397 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 369.15 Mbit/s

95th percentile per-packet one-way delay: 19.351 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 191.50 Mbit/s

95th percentile per-packet one-way delay: 19.219 ms

Loss rate: 0.00%

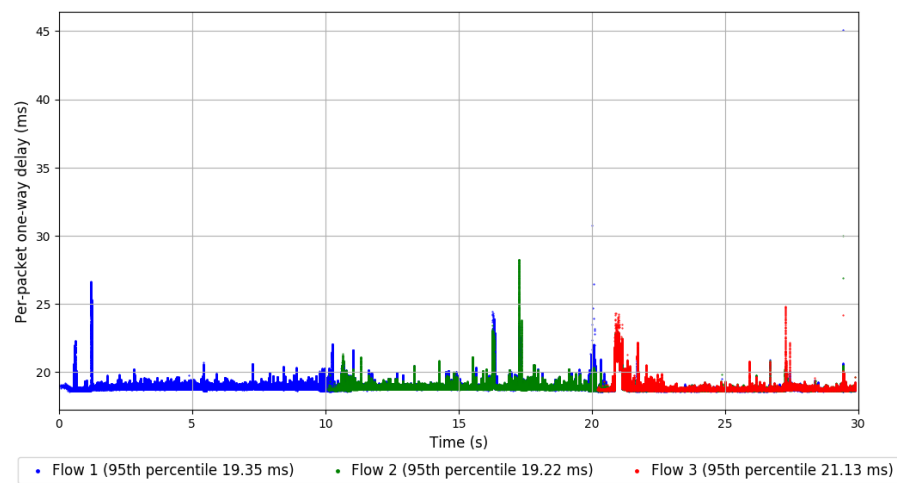
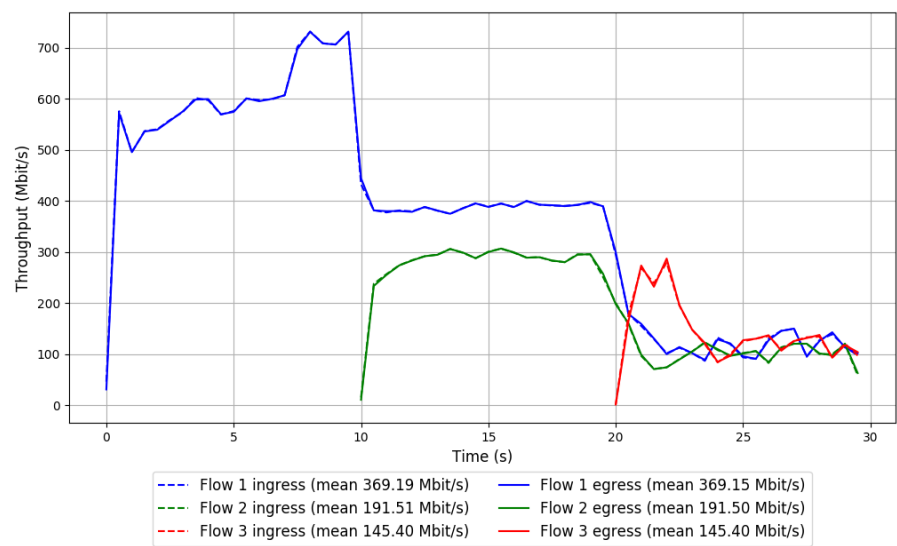
-- Flow 3:

Average throughput: 145.40 Mbit/s

95th percentile per-packet one-way delay: 21.132 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

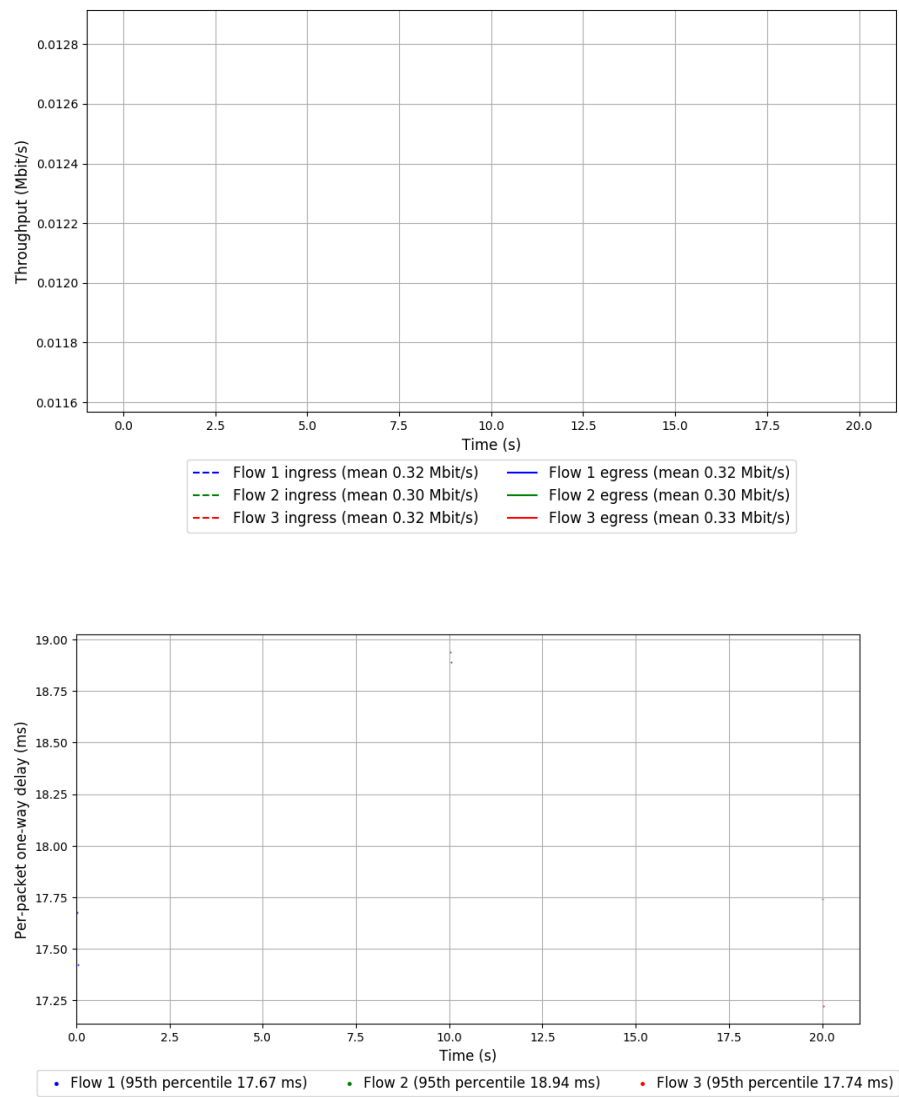
Start at: Mon, 31 Jul 2017 23:41:13 +0000

End at: Mon, 31 Jul 2017 23:41:43 +0000

Local clock offset: 0.407 ms

Remote clock offset: -1.692 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

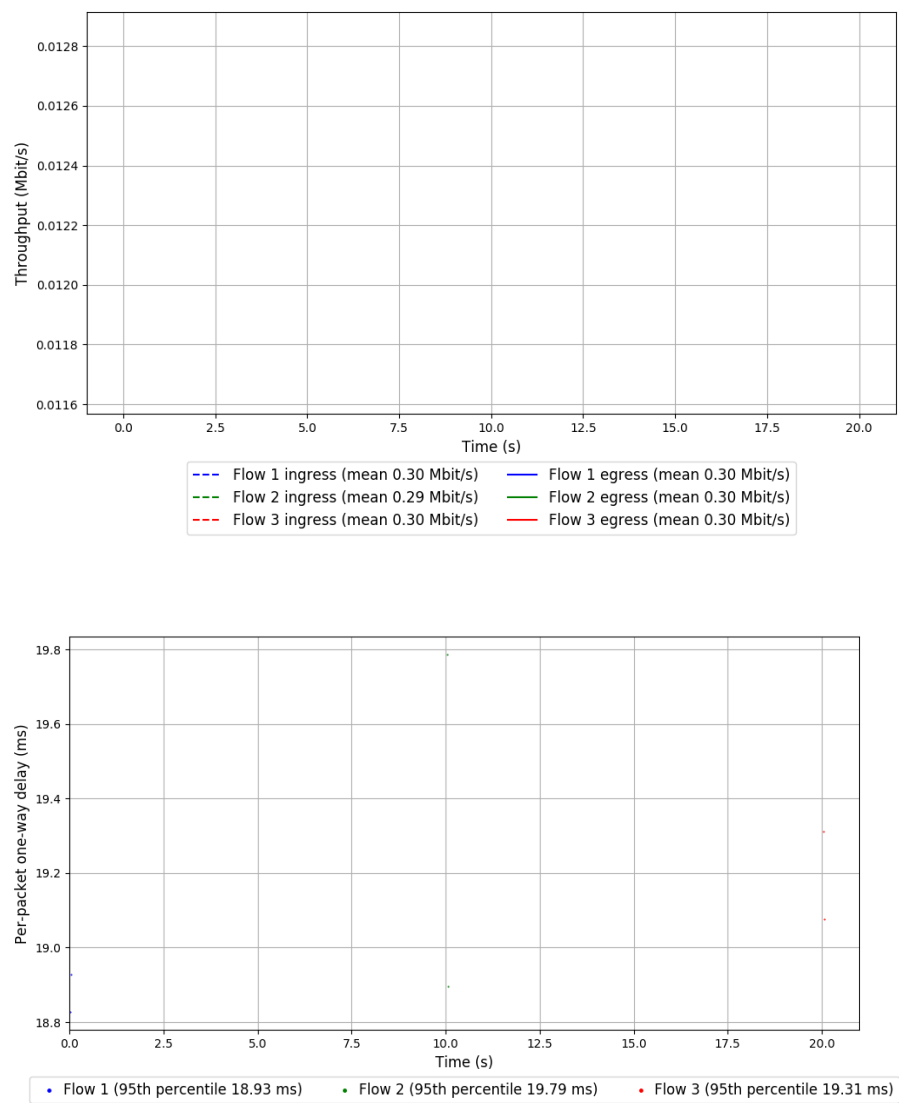
Start at: Tue, 01 Aug 2017 00:02:20 +0000

End at: Tue, 01 Aug 2017 00:02:50 +0000

Local clock offset: 0.504 ms

Remote clock offset: -1.579 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

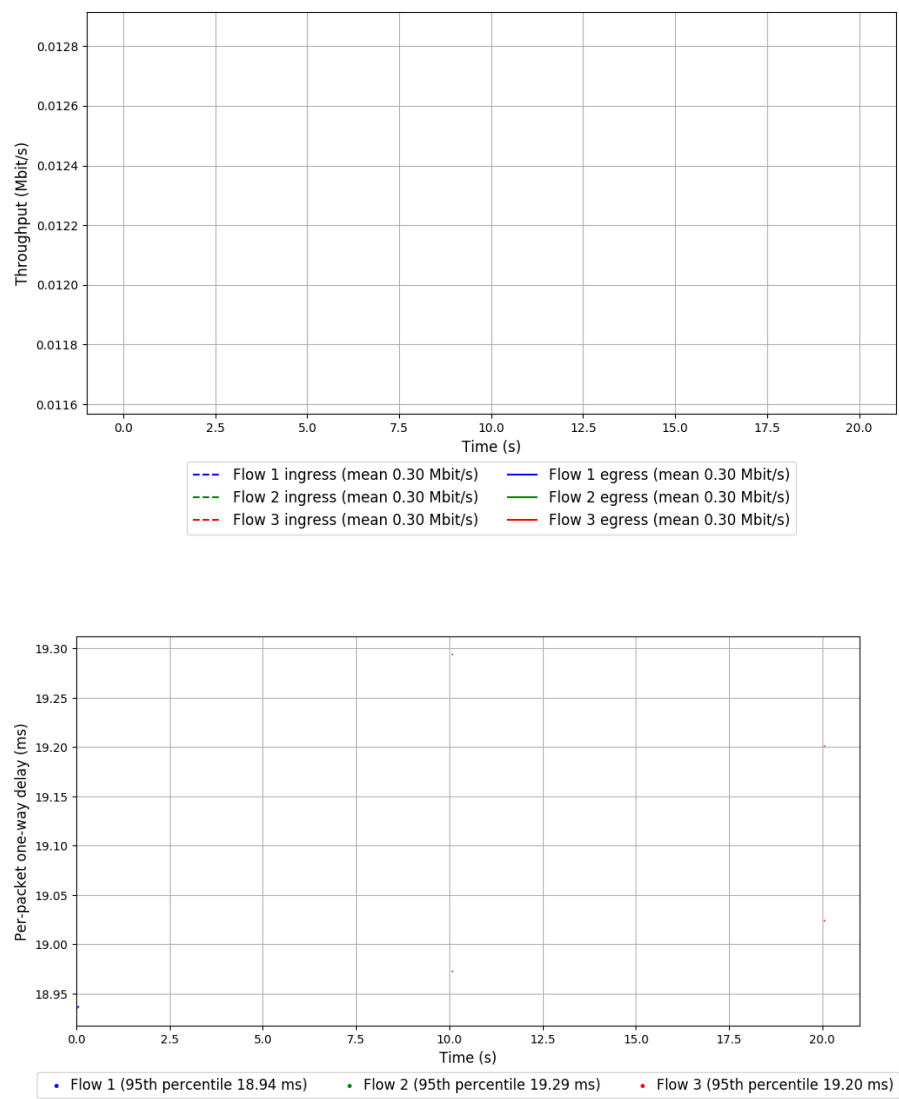
Start at: Tue, 01 Aug 2017 00:23:07 +0000

End at: Tue, 01 Aug 2017 00:23:37 +0000

Local clock offset: 0.748 ms

Remote clock offset: -0.865 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

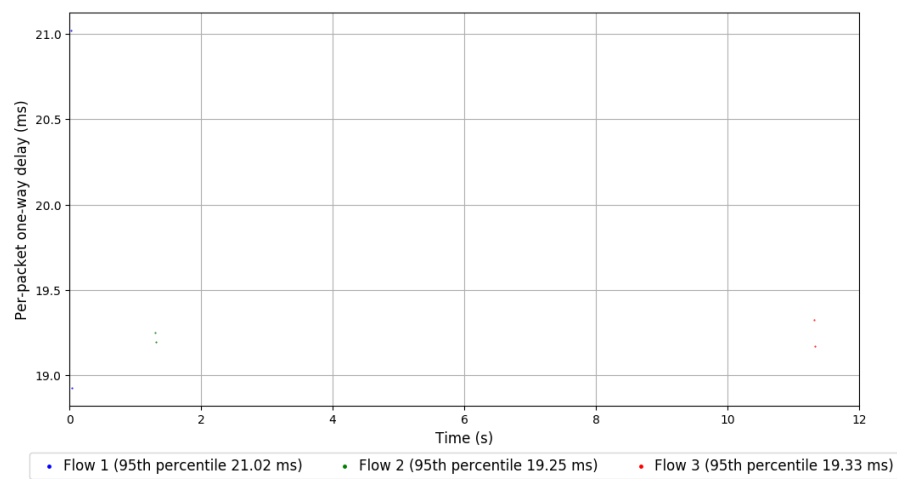
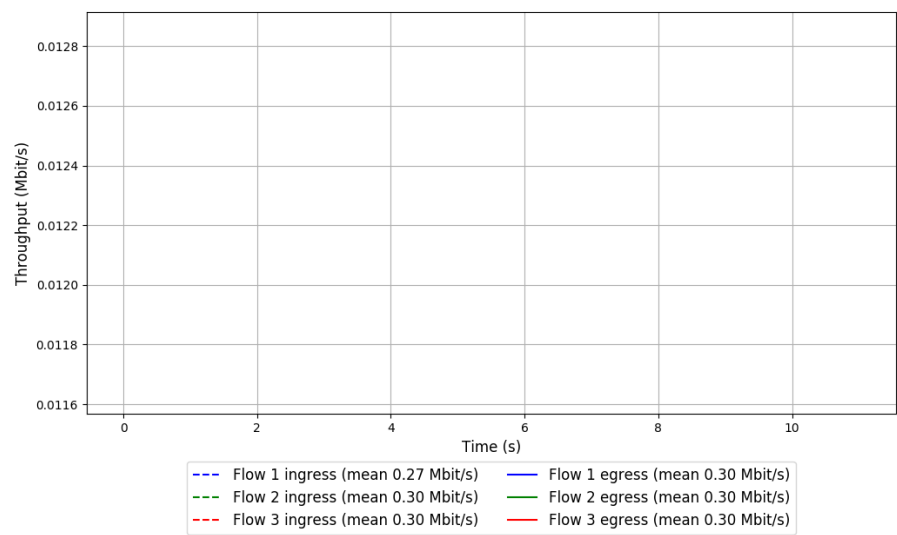
Start at: Tue, 01 Aug 2017 00:44:07 +0000

End at: Tue, 01 Aug 2017 00:44:37 +0000

Local clock offset: 0.833 ms

Remote clock offset: -0.783 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

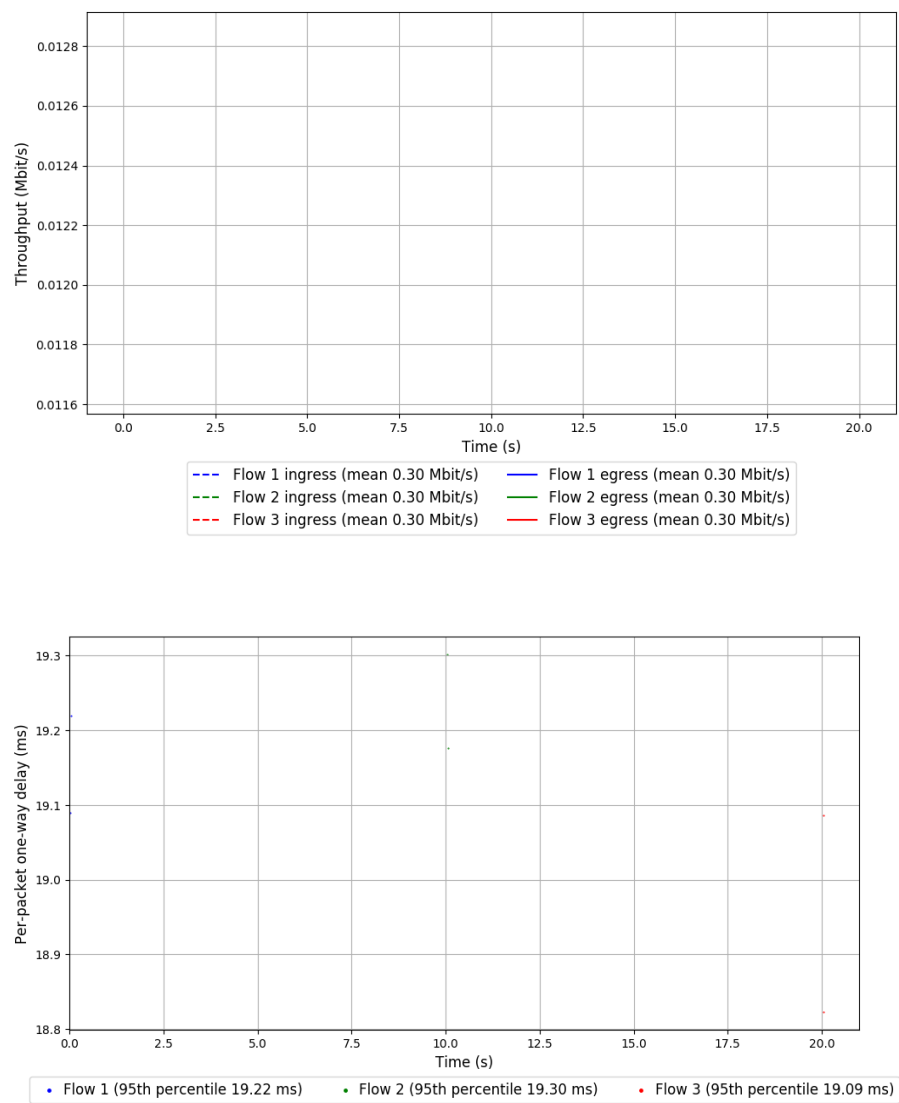
Start at: Tue, 01 Aug 2017 01:04:03 +0000

End at: Tue, 01 Aug 2017 01:04:33 +0000

Local clock offset: 0.799 ms

Remote clock offset: -0.627 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

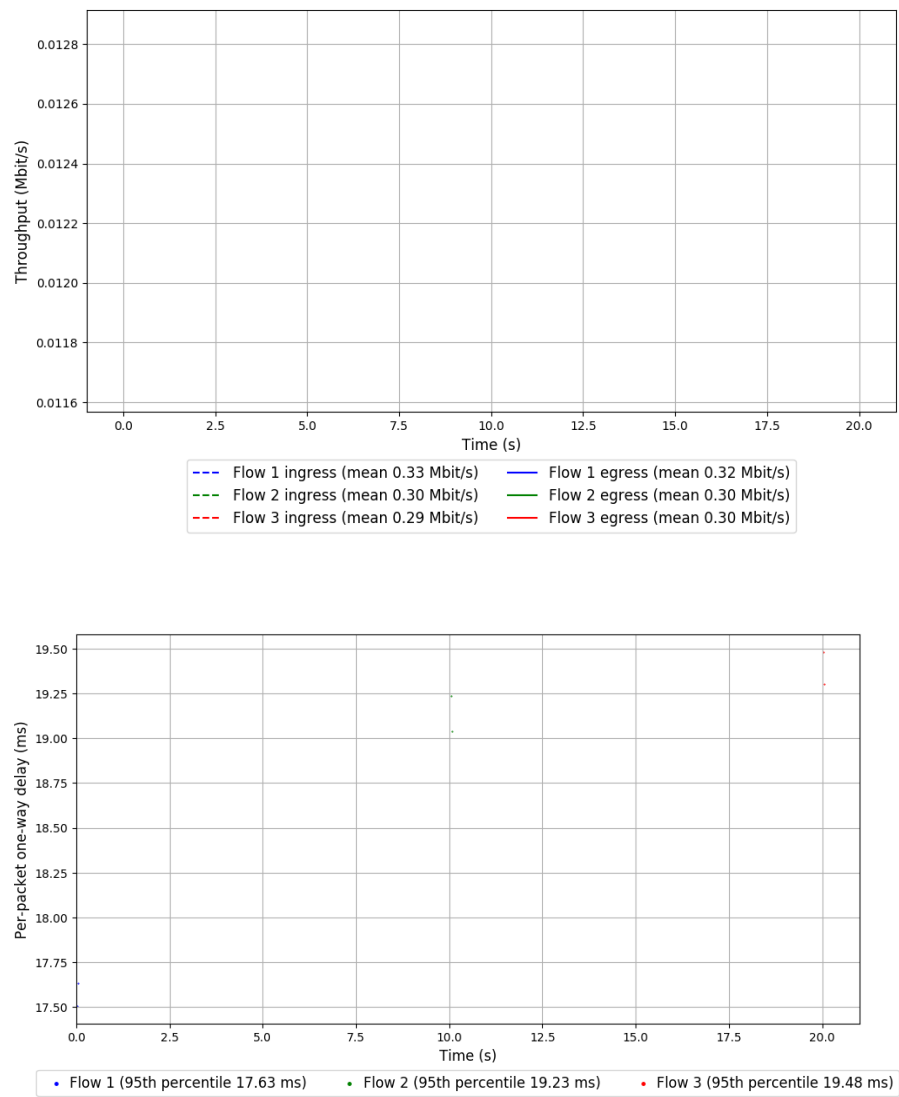
Start at: Tue, 01 Aug 2017 01:24:36 +0000

End at: Tue, 01 Aug 2017 01:25:06 +0000

Local clock offset: 0.836 ms

Remote clock offset: -0.485 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

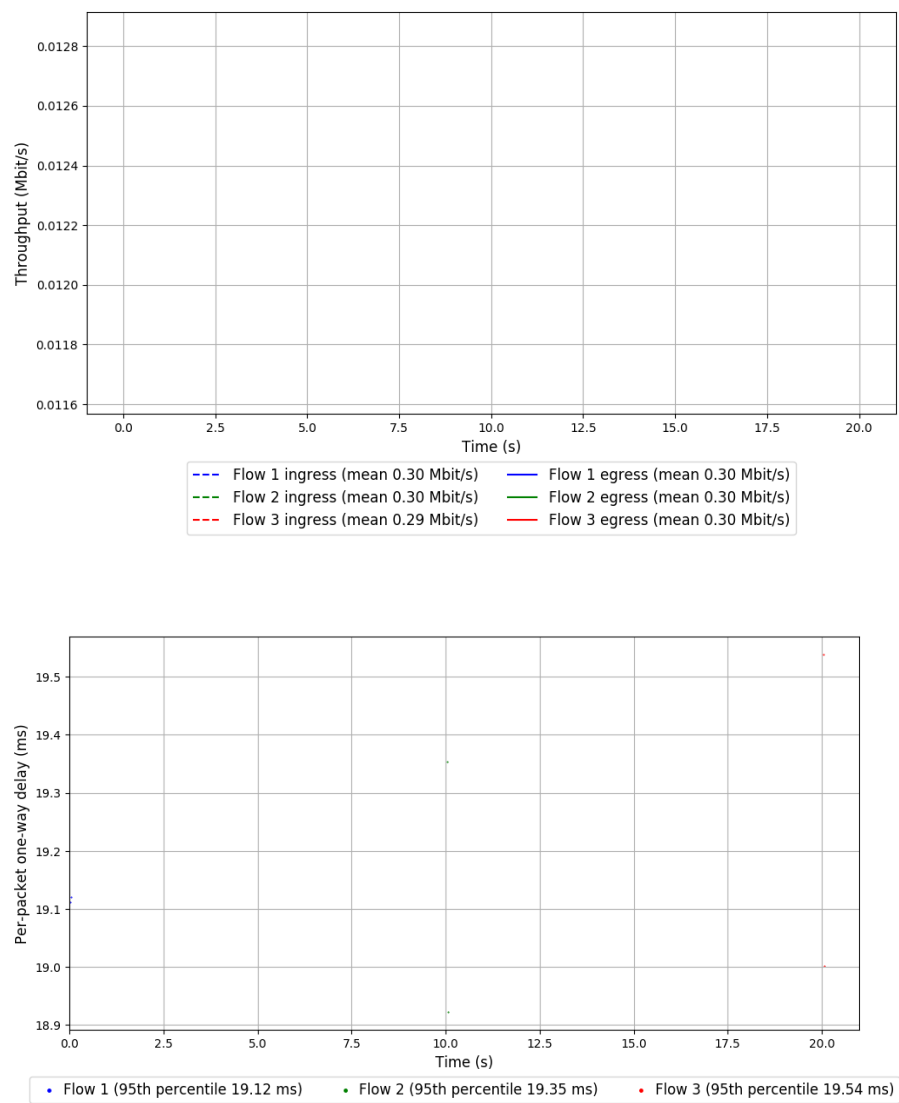
Start at: Tue, 01 Aug 2017 01:45:23 +0000

End at: Tue, 01 Aug 2017 01:45:53 +0000

Local clock offset: 0.901 ms

Remote clock offset: -0.99 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

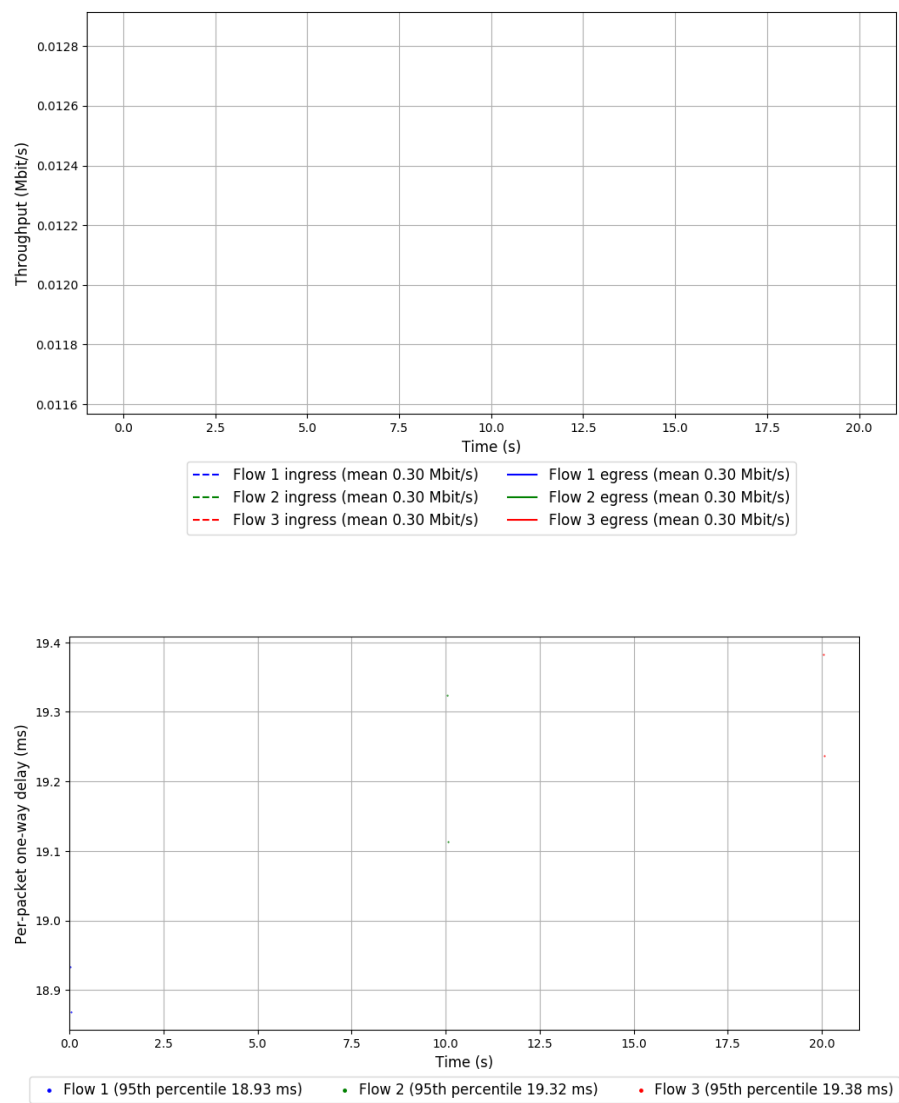
Start at: Tue, 01 Aug 2017 02:06:54 +0000

End at: Tue, 01 Aug 2017 02:07:24 +0000

Local clock offset: 0.822 ms

Remote clock offset: -1.178 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 02:27:53 +0000

End at: Tue, 01 Aug 2017 02:28:23 +0000

Local clock offset: 0.643 ms

Remote clock offset: -1.328 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:18:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 21.63 Mbit/s

95th percentile per-packet one-way delay: 19.076 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 18.828 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 19.273 ms

Loss rate: 0.00%

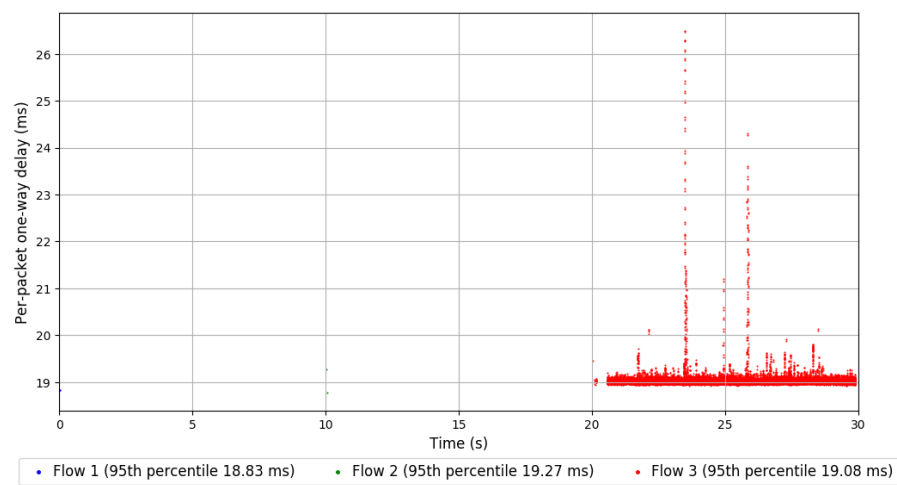
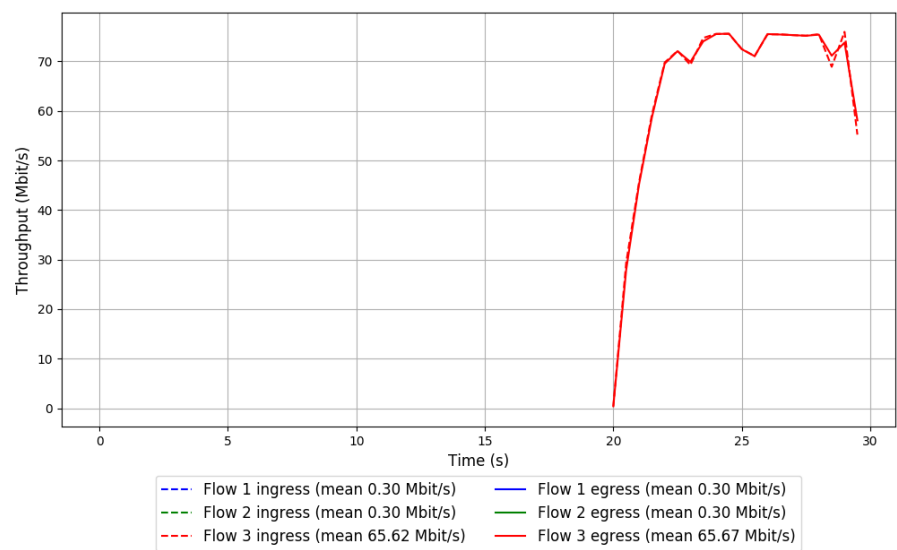
-- Flow 3:

Average throughput: 65.67 Mbit/s

95th percentile per-packet one-way delay: 19.076 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

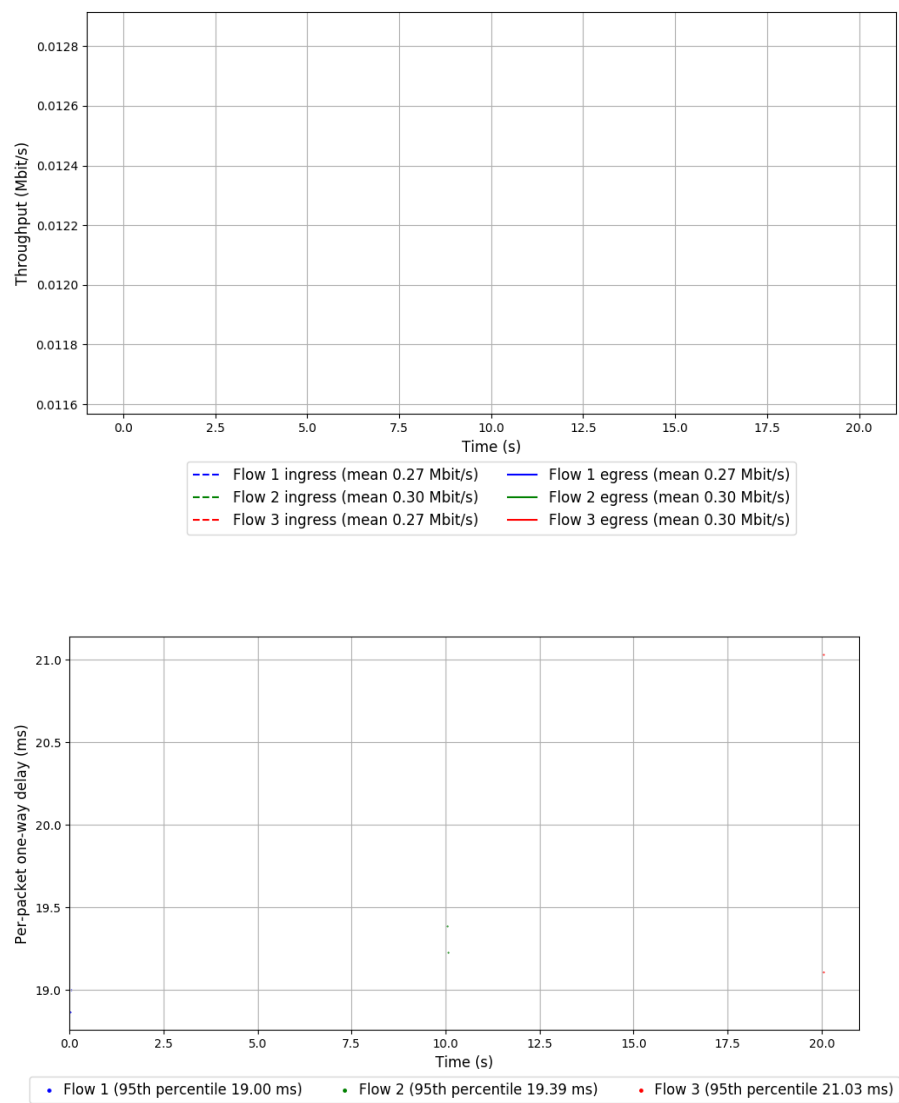
Start at: Tue, 01 Aug 2017 02:49:33 +0000

End at: Tue, 01 Aug 2017 02:50:03 +0000

Local clock offset: 0.339 ms

Remote clock offset: -1.282 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Mon, 31 Jul 2017 23:44:59 +0000

End at: Mon, 31 Jul 2017 23:45:29 +0000

Local clock offset: 0.326 ms

Remote clock offset: -1.727 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:18:36 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 236.39 Mbit/s

95th percentile per-packet one-way delay: 19.297 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 118.12 Mbit/s

95th percentile per-packet one-way delay: 19.394 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 119.32 Mbit/s

95th percentile per-packet one-way delay: 19.109 ms

Loss rate: 0.00%

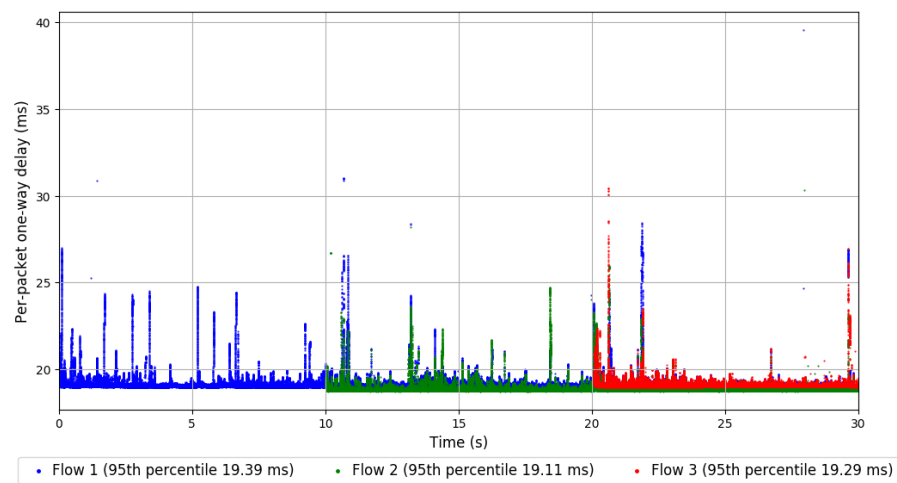
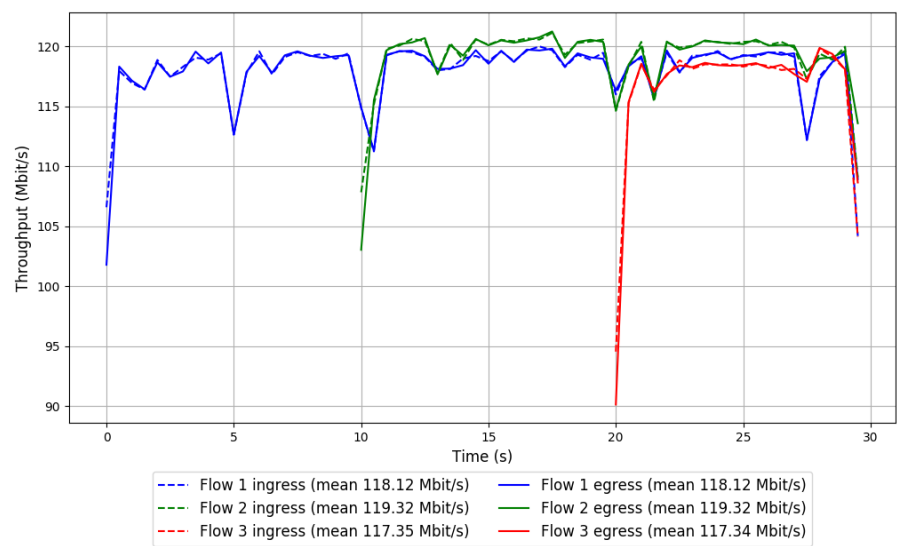
-- Flow 3:

Average throughput: 117.34 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.00%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

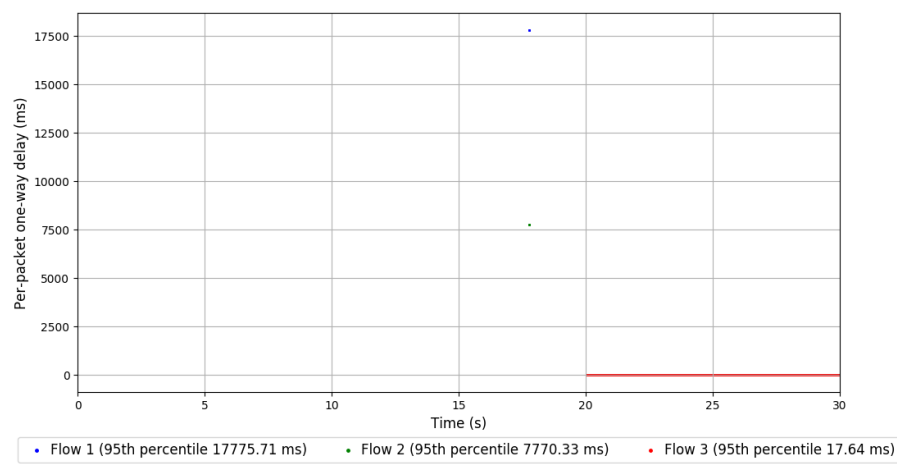
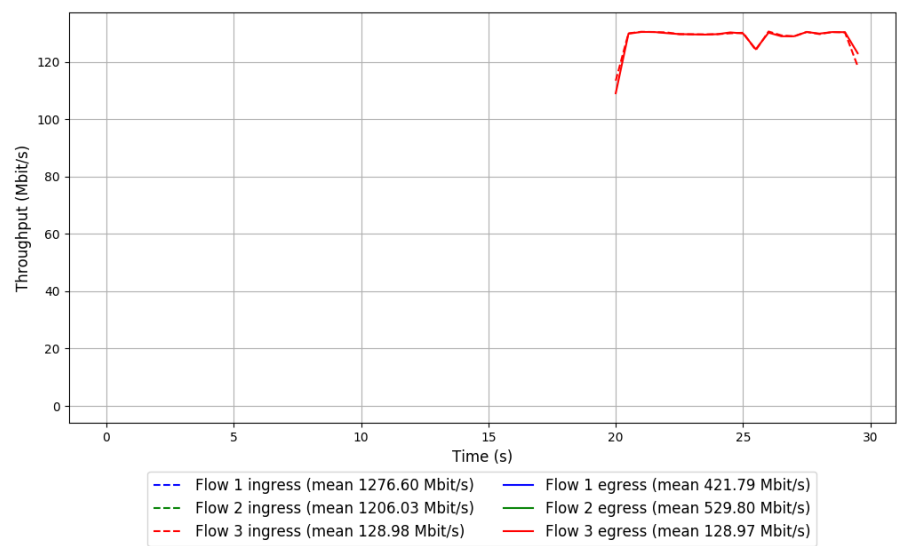
Start at: Tue, 01 Aug 2017 00:06:15 +0000

End at: Tue, 01 Aug 2017 00:06:45 +0000

Local clock offset: 0.558 ms

Remote clock offset: -1.49 ms

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

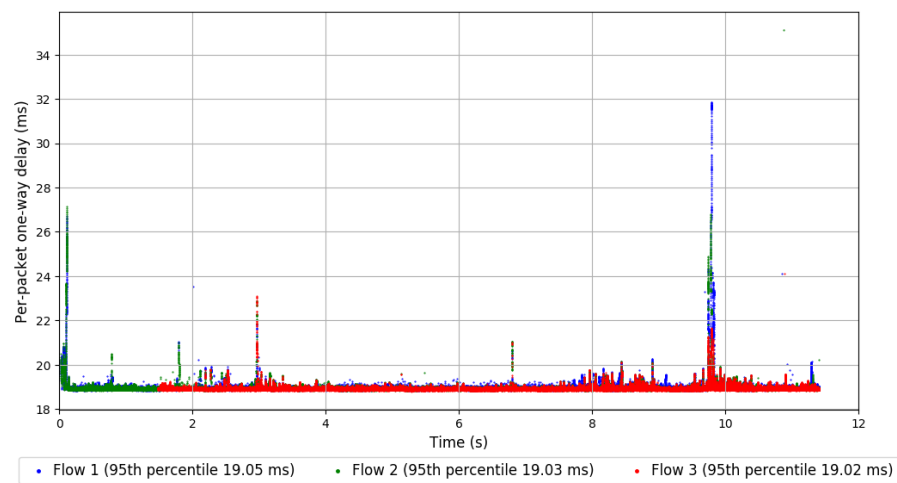
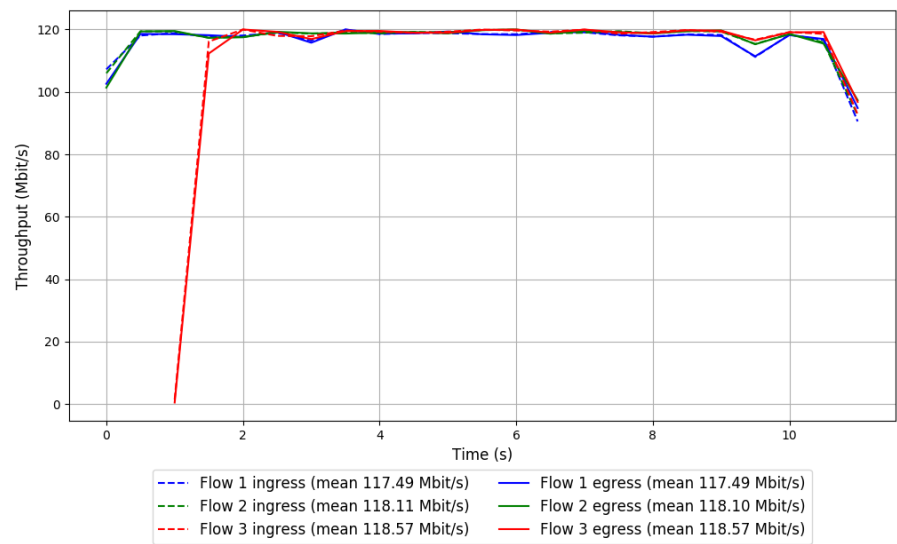
Start at: Tue, 01 Aug 2017 00:26:58 +0000

End at: Tue, 01 Aug 2017 00:27:28 +0000

Local clock offset: 0.889 ms

Remote clock offset: -0.894 ms

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

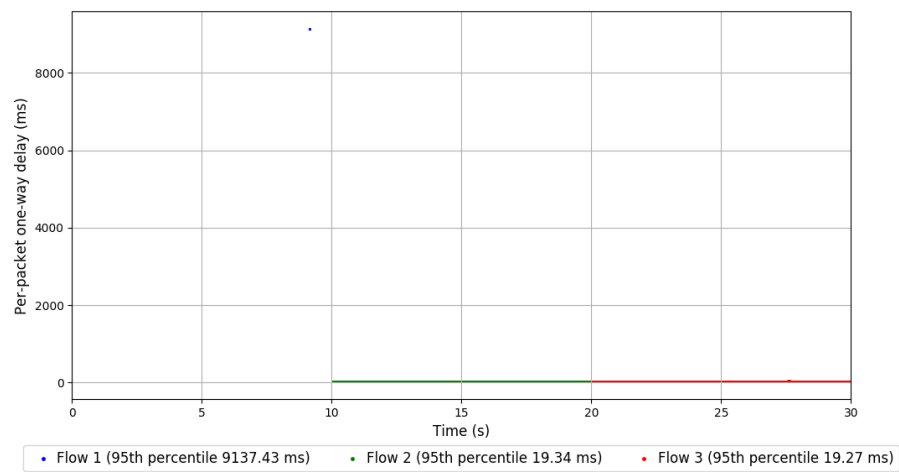
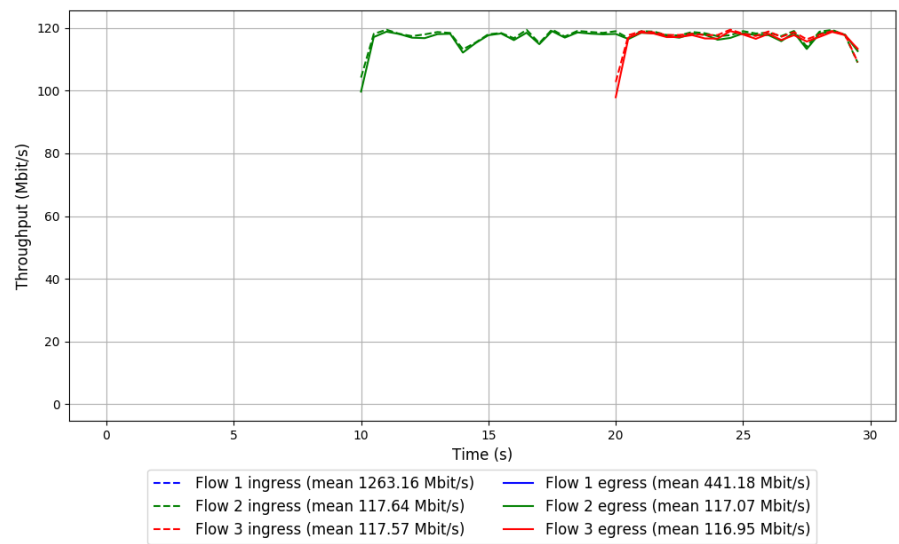
Start at: Tue, 01 Aug 2017 00:47:45 +0000

End at: Tue, 01 Aug 2017 00:48:15 +0000

Local clock offset: 0.932 ms

Remote clock offset: -0.908 ms

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 01 Aug 2017 01:07:39 +0000

End at: Tue, 01 Aug 2017 01:08:09 +0000

Local clock offset: 0.785 ms

Remote clock offset: -0.565 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 235.42 Mbit/s

95th percentile per-packet one-way delay: 19.201 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 118.58 Mbit/s

95th percentile per-packet one-way delay: 18.996 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 117.10 Mbit/s

95th percentile per-packet one-way delay: 19.218 ms

Loss rate: 0.28%

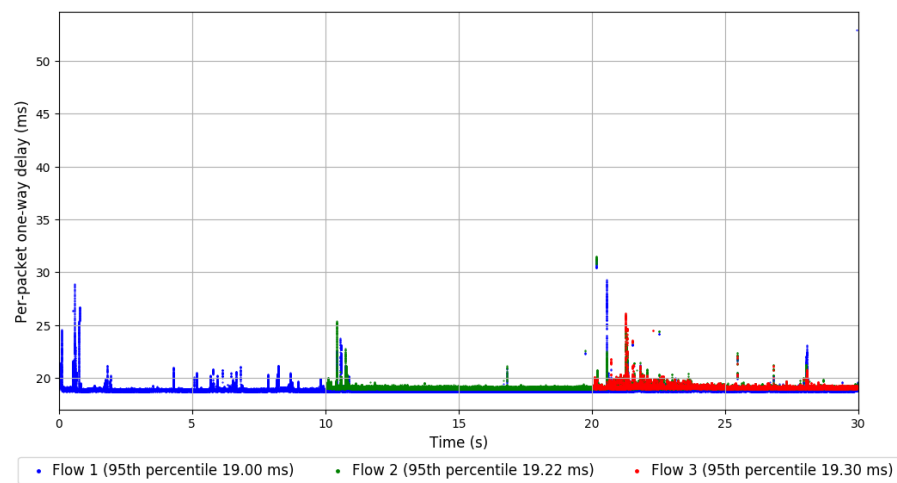
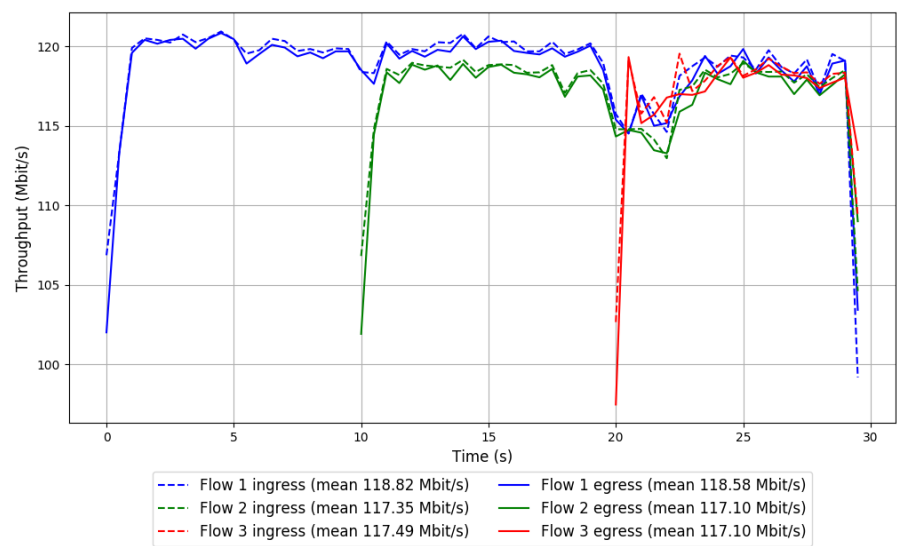
-- Flow 3:

Average throughput: 117.10 Mbit/s

95th percentile per-packet one-way delay: 19.297 ms

Loss rate: 0.33%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

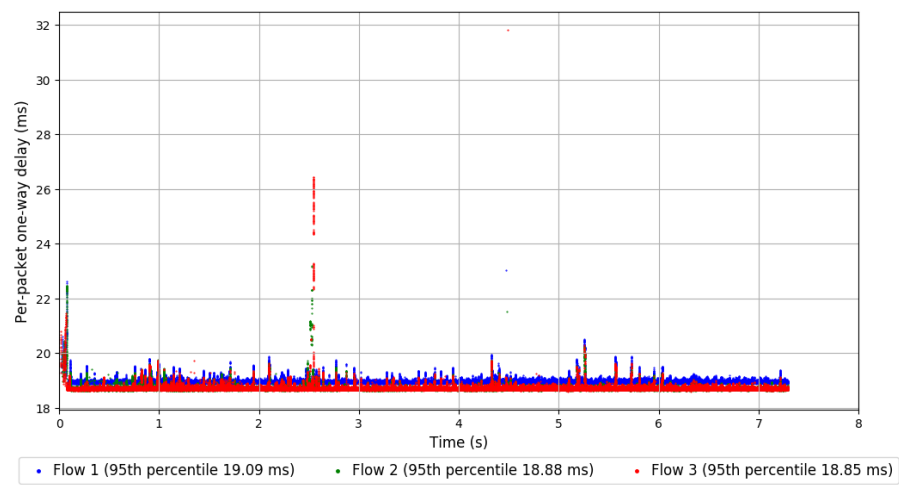
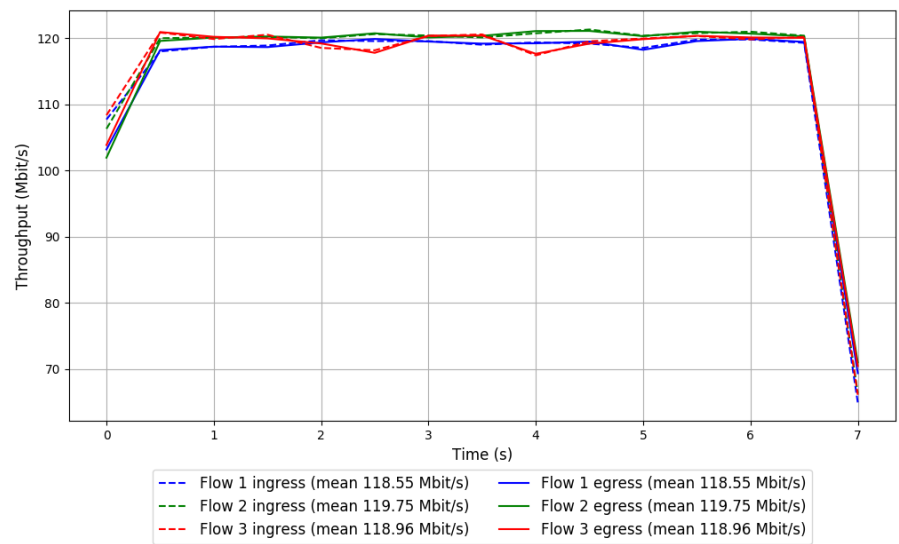
Start at: Tue, 01 Aug 2017 01:28:25 +0000

End at: Tue, 01 Aug 2017 01:28:55 +0000

Local clock offset: 0.937 ms

Remote clock offset: -0.711 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 01 Aug 2017 01:49:11 +0000

End at: Tue, 01 Aug 2017 01:49:41 +0000

Local clock offset: 0.887 ms

Remote clock offset: -1.147 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 238.56 Mbit/s

95th percentile per-packet one-way delay: 18.948 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 119.13 Mbit/s

95th percentile per-packet one-way delay: 18.955 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 119.60 Mbit/s

95th percentile per-packet one-way delay: 18.953 ms

Loss rate: 0.01%

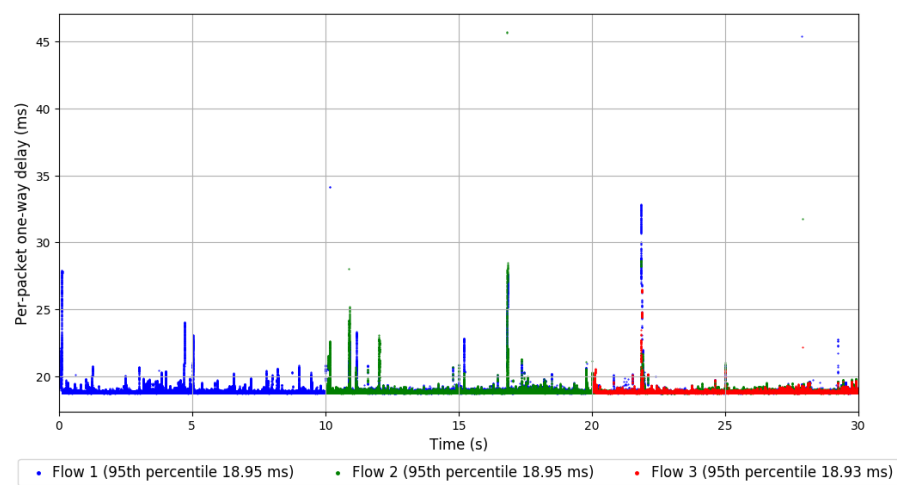
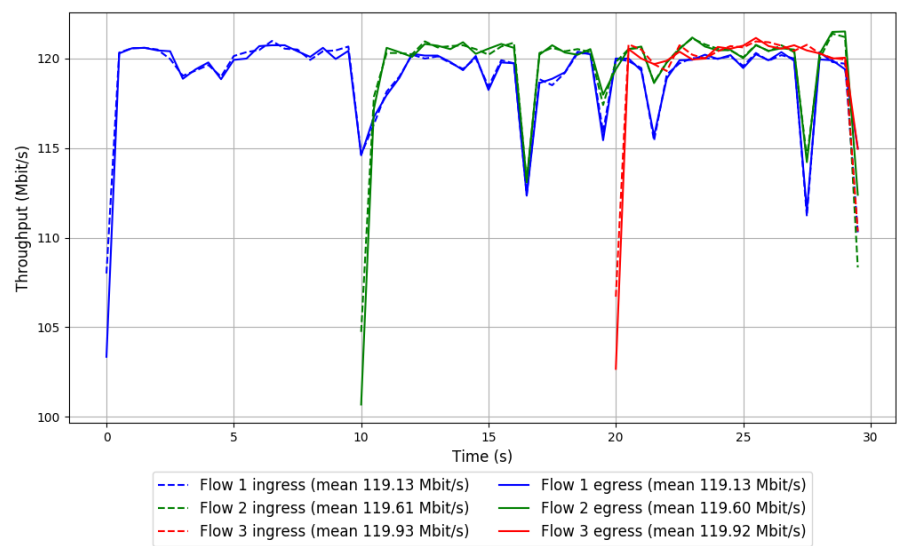
-- Flow 3:

Average throughput: 119.92 Mbit/s

95th percentile per-packet one-way delay: 18.925 ms

Loss rate: 0.01%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

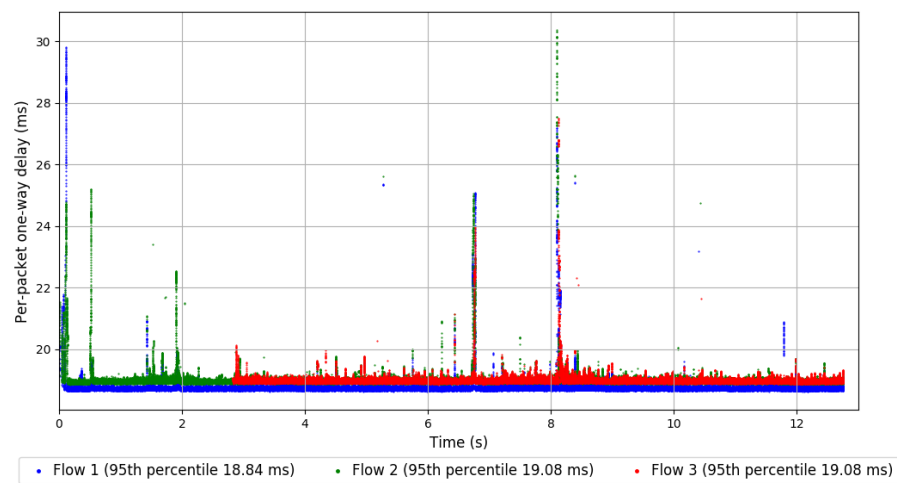
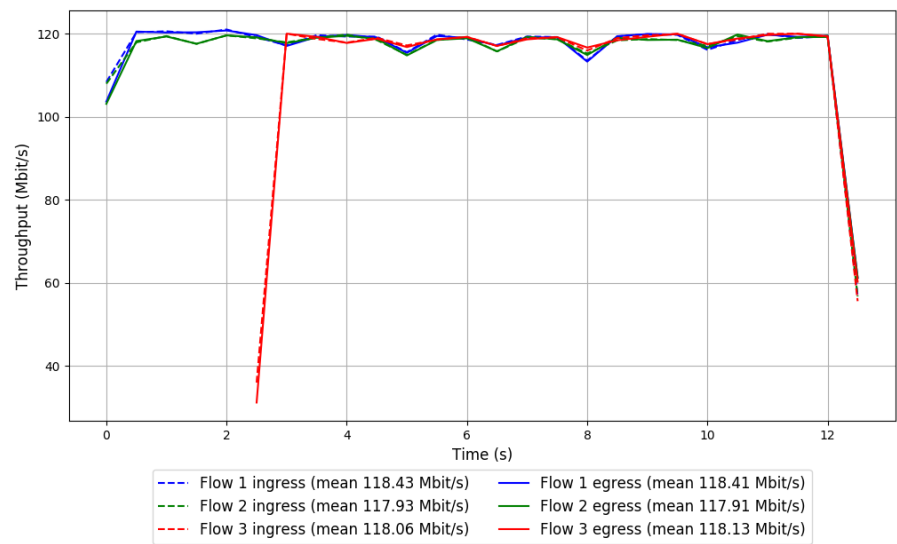
Start at: Tue, 01 Aug 2017 02:10:48 +0000

End at: Tue, 01 Aug 2017 02:11:18 +0000

Local clock offset: 0.834 ms

Remote clock offset: -1.257 ms

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

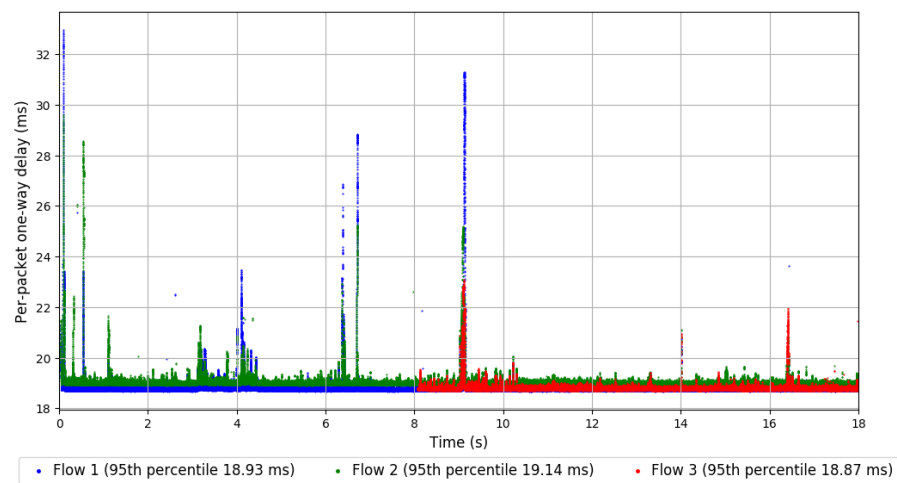
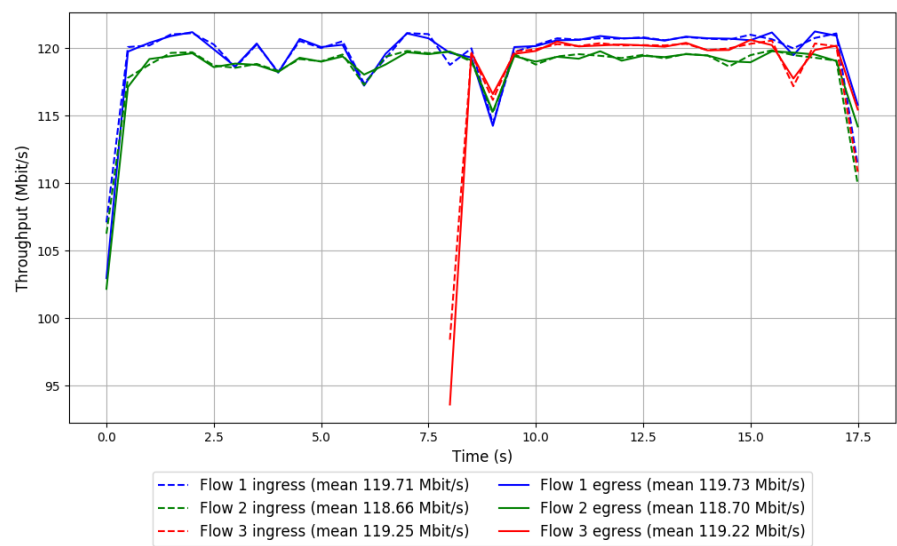
Start at: Tue, 01 Aug 2017 02:31:54 +0000

End at: Tue, 01 Aug 2017 02:32:24 +0000

Local clock offset: 0.705 ms

Remote clock offset: -1.346 ms

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

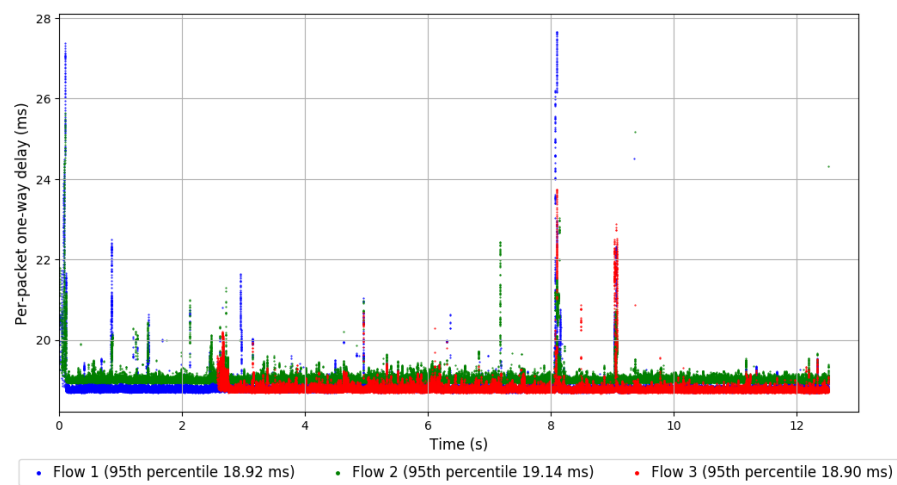
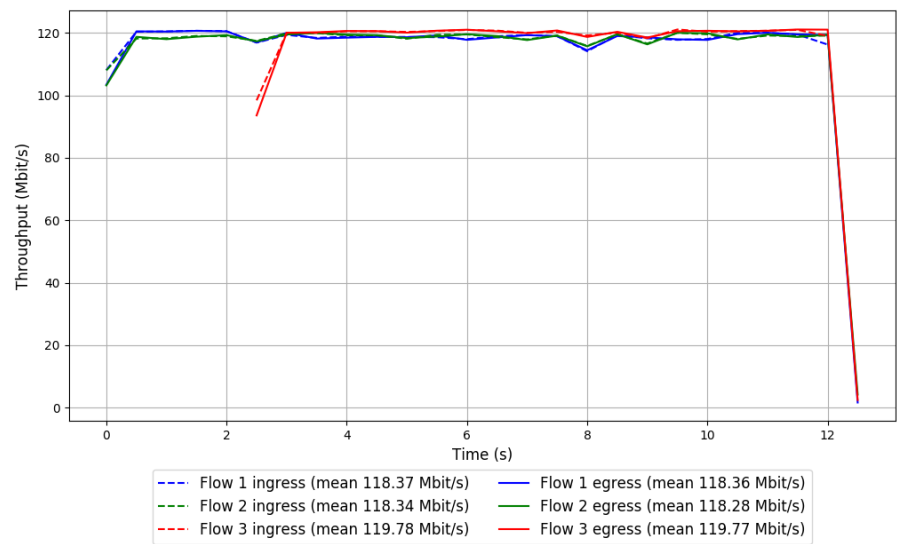
Start at: Tue, 01 Aug 2017 02:53:27 +0000

End at: Tue, 01 Aug 2017 02:53:57 +0000

Local clock offset: 0.285 ms

Remote clock offset: -1.293 ms

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 23:38:10 +0000

End at: Mon, 31 Jul 2017 23:38:40 +0000

Local clock offset: 0.32 ms

Remote clock offset: -1.671 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:51 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.564 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.589 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.534 ms

Loss rate: 0.00%

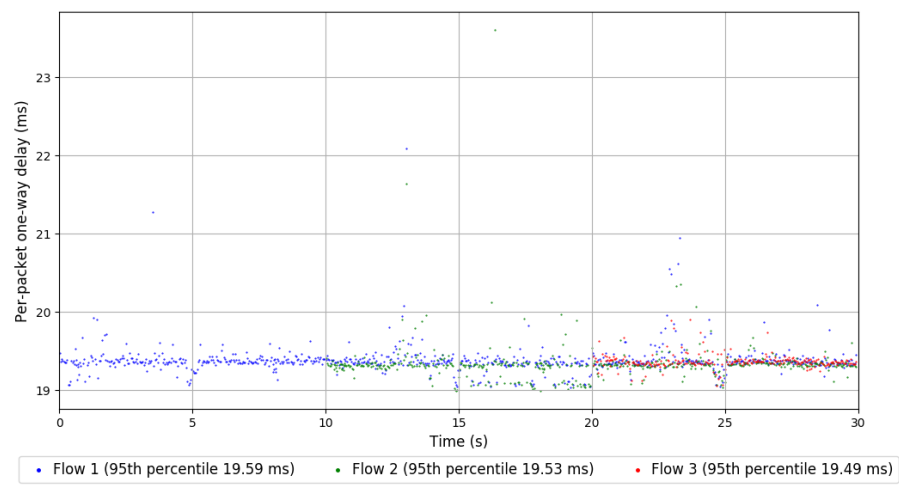
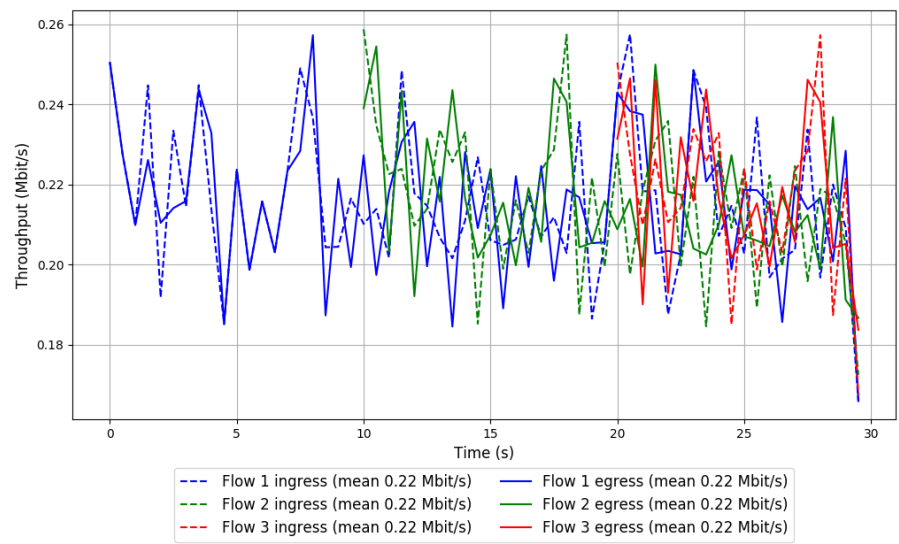
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.494 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: Mon, 31 Jul 2017 23:59:18 +0000

End at: Mon, 31 Jul 2017 23:59:48 +0000

Local clock offset: 0.474 ms

Remote clock offset: -1.674 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.393 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.393 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.397 ms

Loss rate: 0.00%

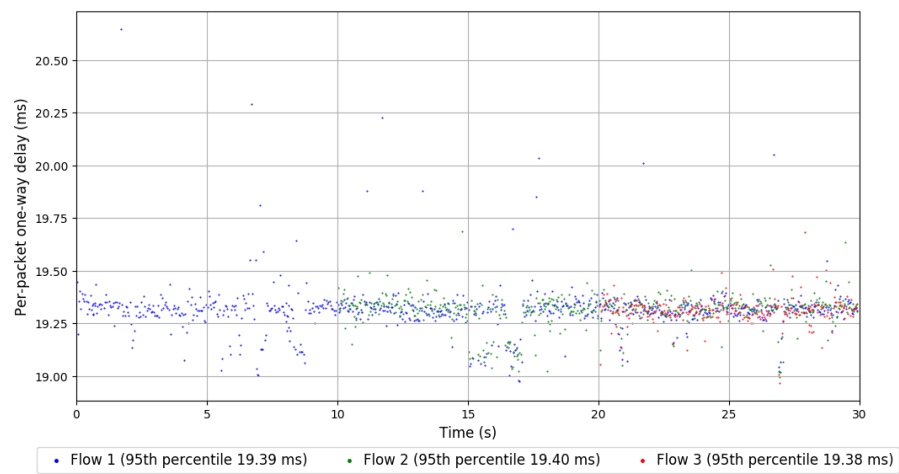
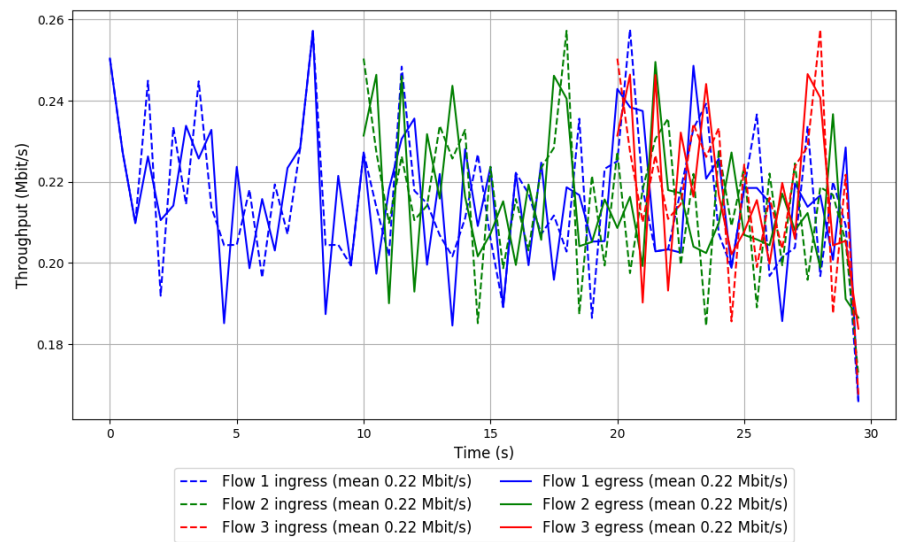
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.382 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: Tue, 01 Aug 2017 00:20:05 +0000

End at: Tue, 01 Aug 2017 00:20:35 +0000

Local clock offset: 0.709 ms

Remote clock offset: -1.081 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.220 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.303 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.173 ms

Loss rate: 0.00%

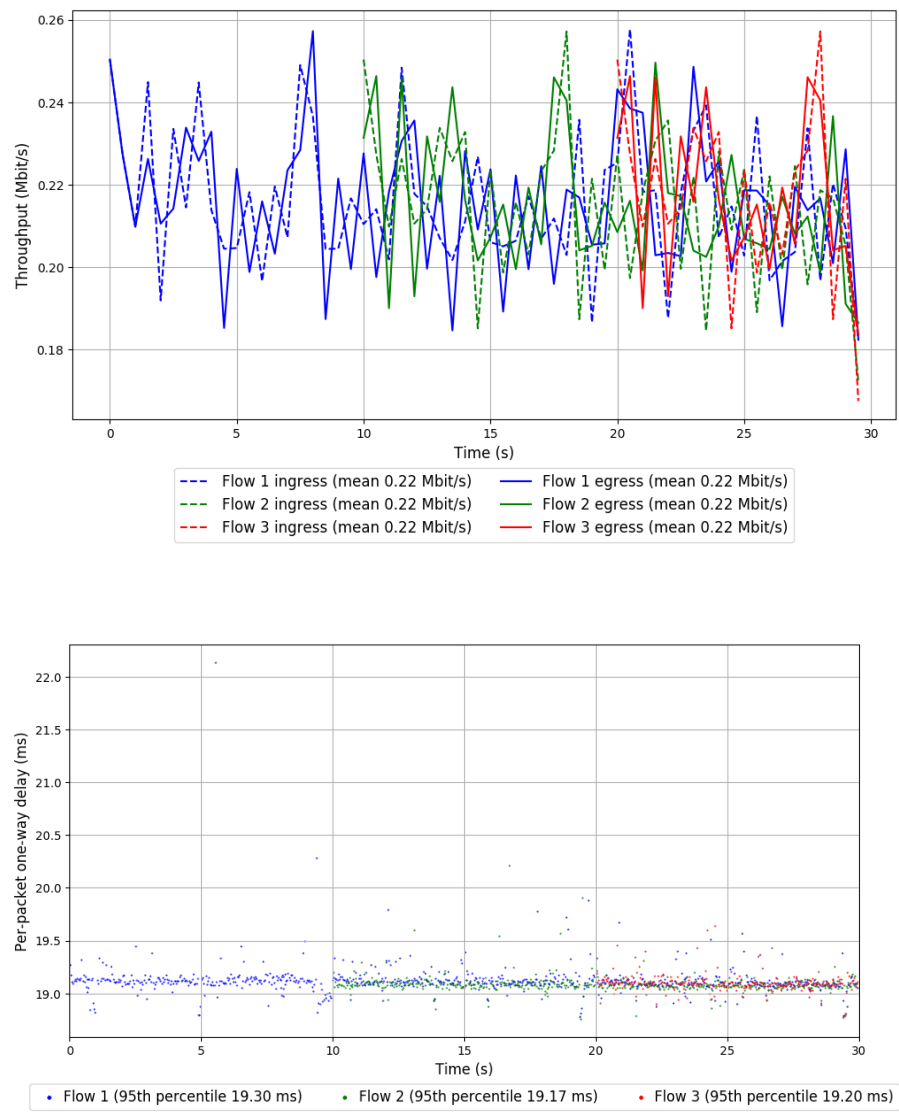
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.200 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: Tue, 01 Aug 2017 00:41:05 +0000

End at: Tue, 01 Aug 2017 00:41:35 +0000

Local clock offset: 0.904 ms

Remote clock offset: -0.791 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.341 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.161 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.368 ms

Loss rate: 0.00%

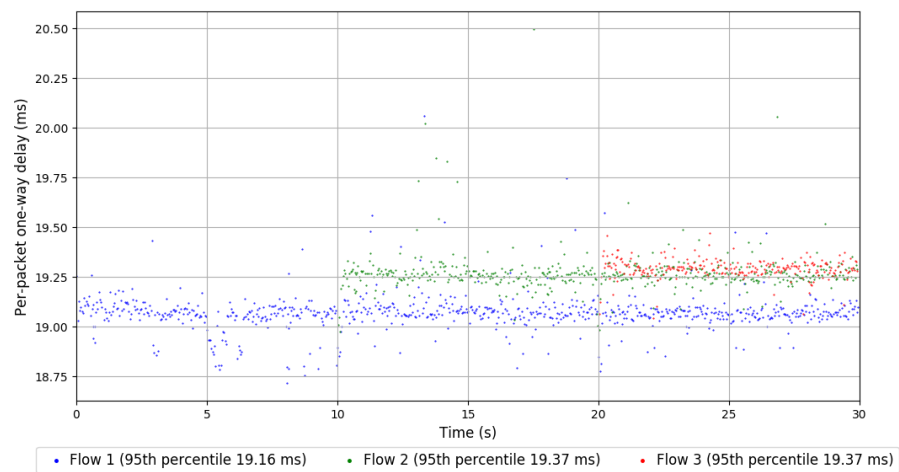
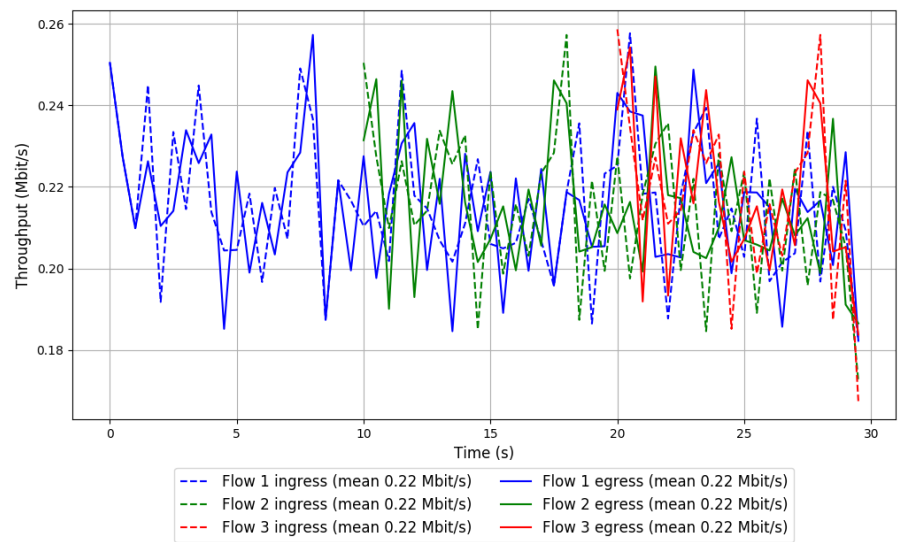
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.371 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: Tue, 01 Aug 2017 01:01:04 +0000

End at: Tue, 01 Aug 2017 01:01:34 +0000

Local clock offset: 0.815 ms

Remote clock offset: -0.626 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 20.095 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 21.695 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 19.374 ms

Loss rate: 0.19%

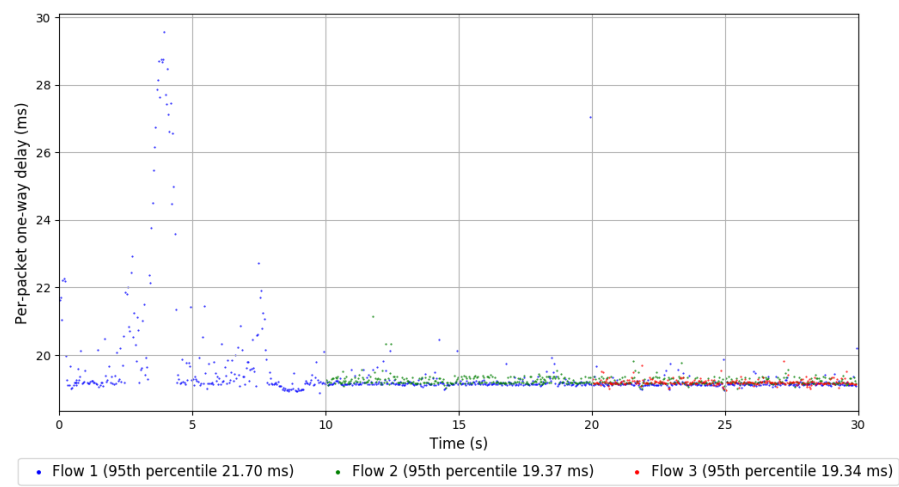
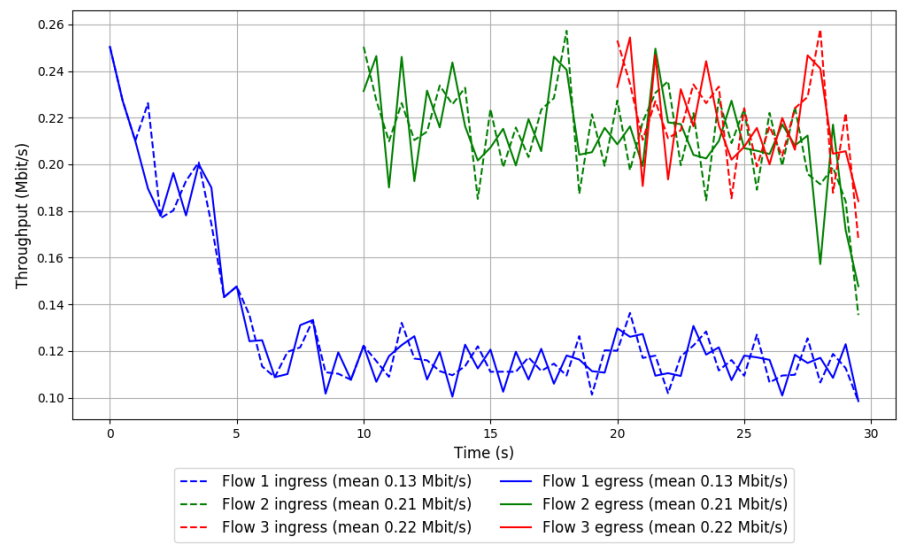
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.337 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: Tue, 01 Aug 2017 01:21:36 +0000

End at: Tue, 01 Aug 2017 01:22:06 +0000

Local clock offset: 0.901 ms

Remote clock offset: -0.507 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.427 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.474 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.201 ms

Loss rate: 0.00%

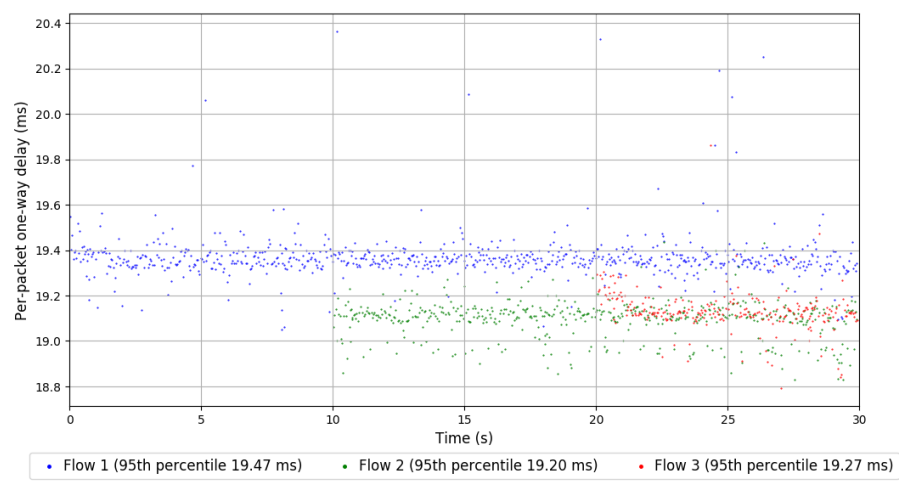
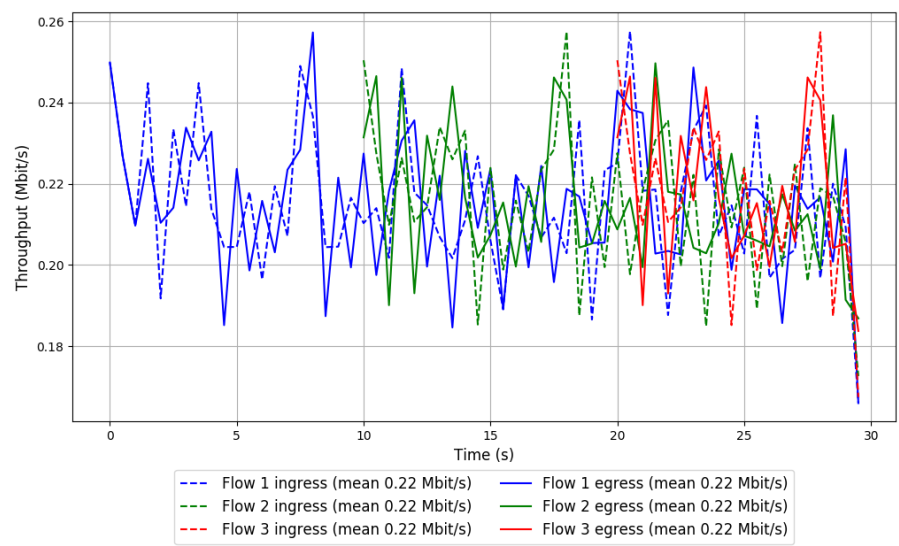
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.269 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: Tue, 01 Aug 2017 01:42:21 +0000

End at: Tue, 01 Aug 2017 01:42:51 +0000

Local clock offset: 0.91 ms

Remote clock offset: -0.859 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.523 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.531 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.336 ms

Loss rate: 0.00%

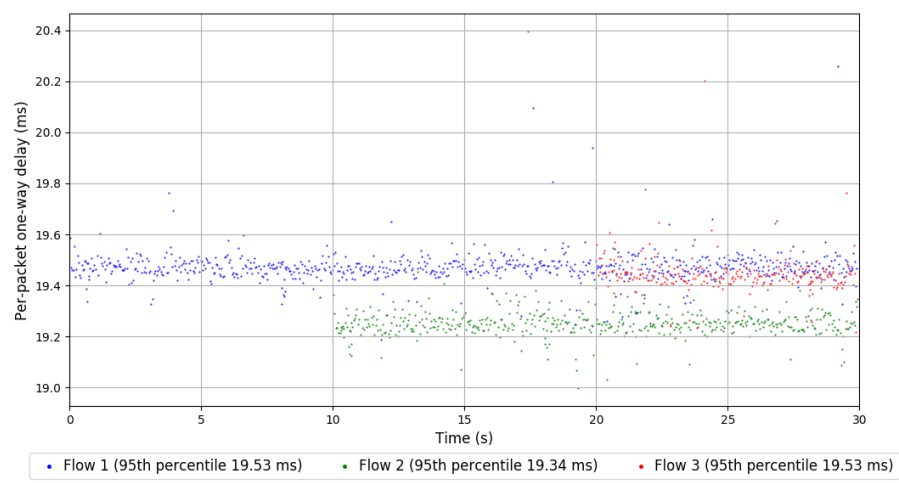
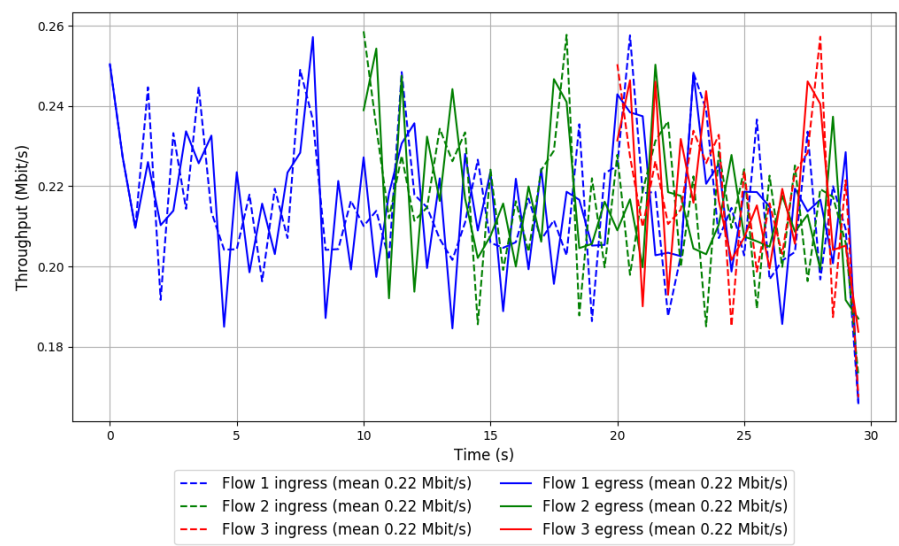
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.534 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: Tue, 01 Aug 2017 02:03:51 +0000

End at: Tue, 01 Aug 2017 02:04:21 +0000

Local clock offset: 0.904 ms

Remote clock offset: -1.255 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.303 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.140 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 17.674 ms

Loss rate: 0.00%

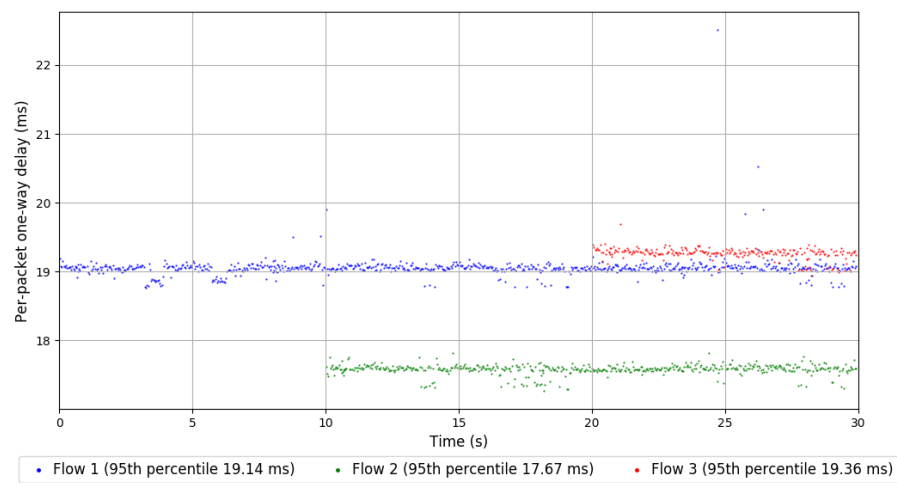
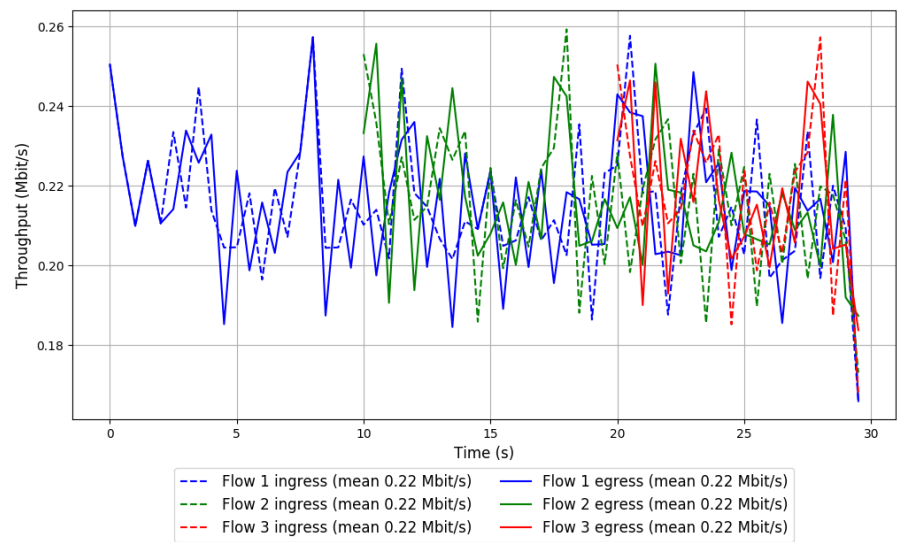
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.355 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: Tue, 01 Aug 2017 02:24:52 +0000

End at: Tue, 01 Aug 2017 02:25:22 +0000

Local clock offset: 0.728 ms

Remote clock offset: -1.264 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.362 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.375 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.112 ms

Loss rate: 0.00%

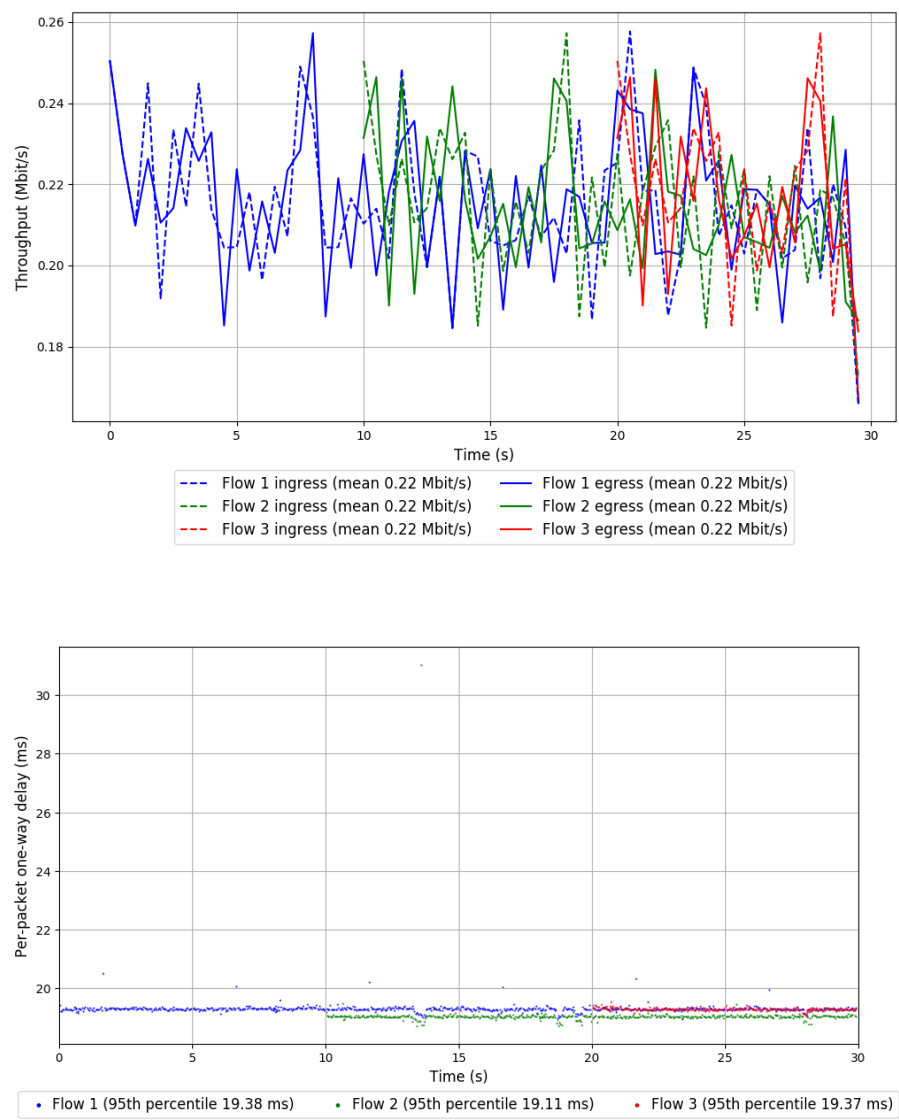
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.368 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Tue, 01 Aug 2017 02:46:39 +0000

End at: Tue, 01 Aug 2017 02:47:09 +0000

Local clock offset: 0.386 ms

Remote clock offset: -1.418 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:19:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 19.344 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.155 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.421 ms

Loss rate: 0.00%

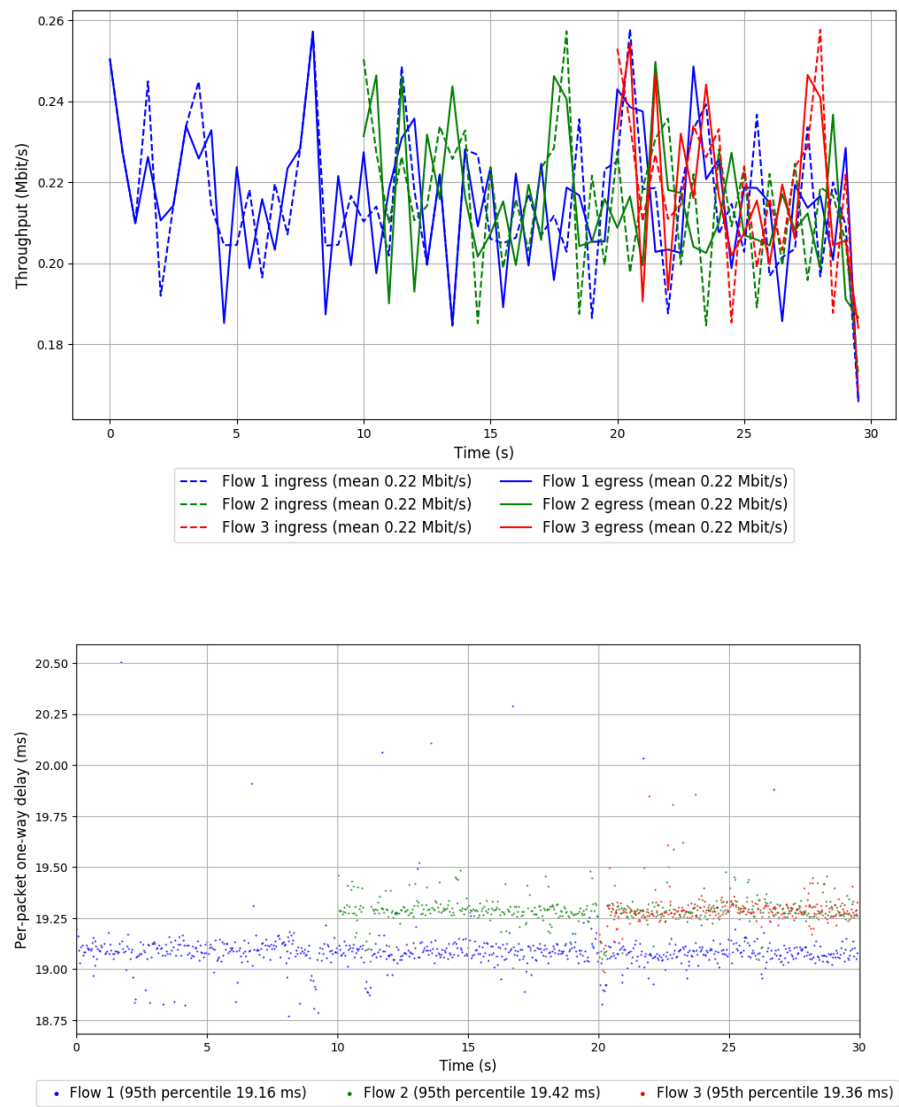
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.356 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 31 Jul 2017 23:43:47 +0000

End at: Mon, 31 Jul 2017 23:44:17 +0000

Local clock offset: 0.439 ms

Remote clock offset: -1.675 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.09 Mbit/s

95th percentile per-packet one-way delay: 21.391 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 21.502 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.62 Mbit/s

95th percentile per-packet one-way delay: 21.238 ms

Loss rate: 0.00%

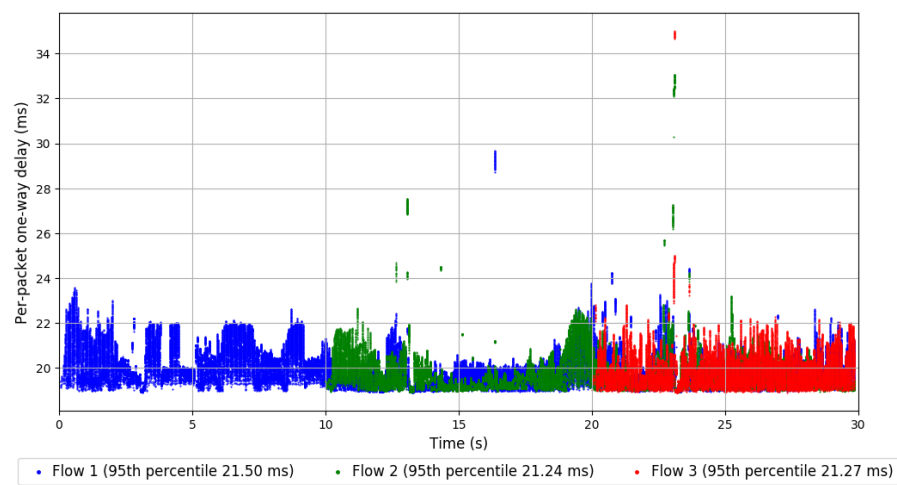
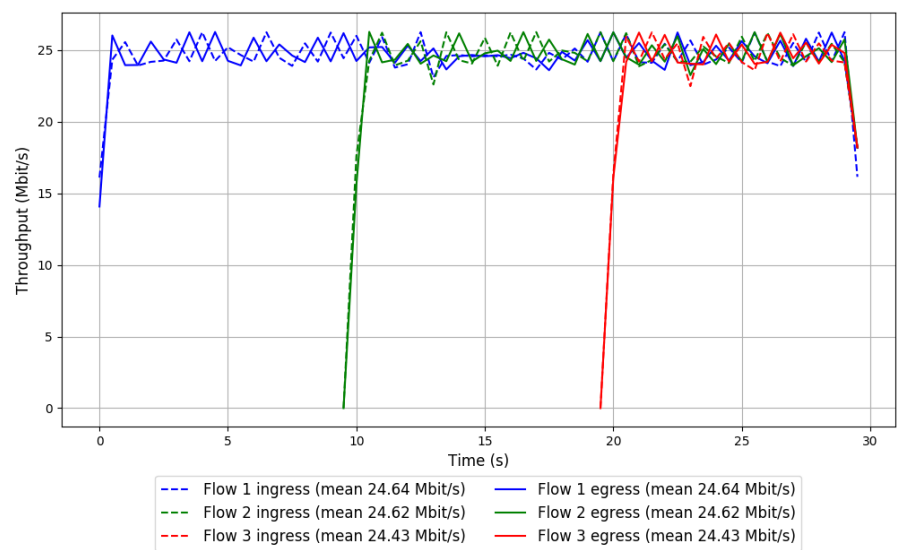
-- Flow 3:

Average throughput: 24.43 Mbit/s

95th percentile per-packet one-way delay: 21.267 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:05:02 +0000

End at: Tue, 01 Aug 2017 00:05:32 +0000

Local clock offset: 0.652 ms

Remote clock offset: -1.462 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.24 Mbit/s

95th percentile per-packet one-way delay: 21.459 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.73 Mbit/s

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

Loss rate: 0.01%

-- Flow 2:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 21.218 ms

Loss rate: 0.02%

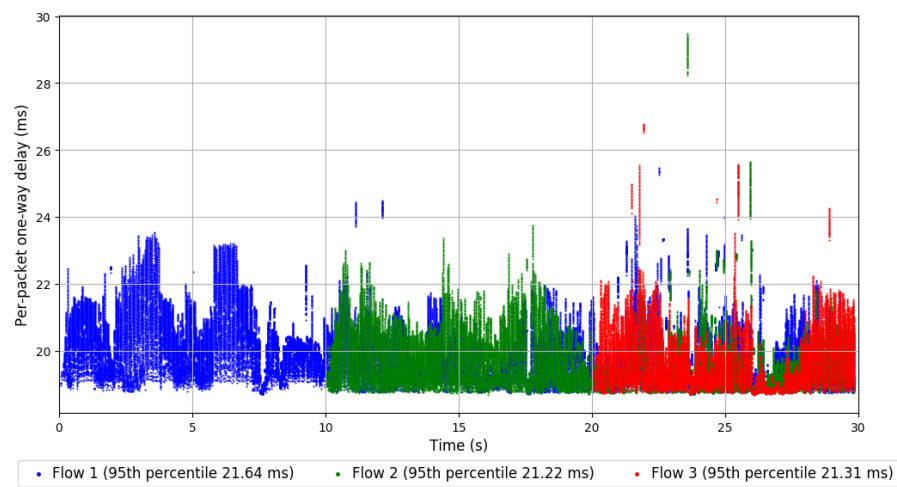
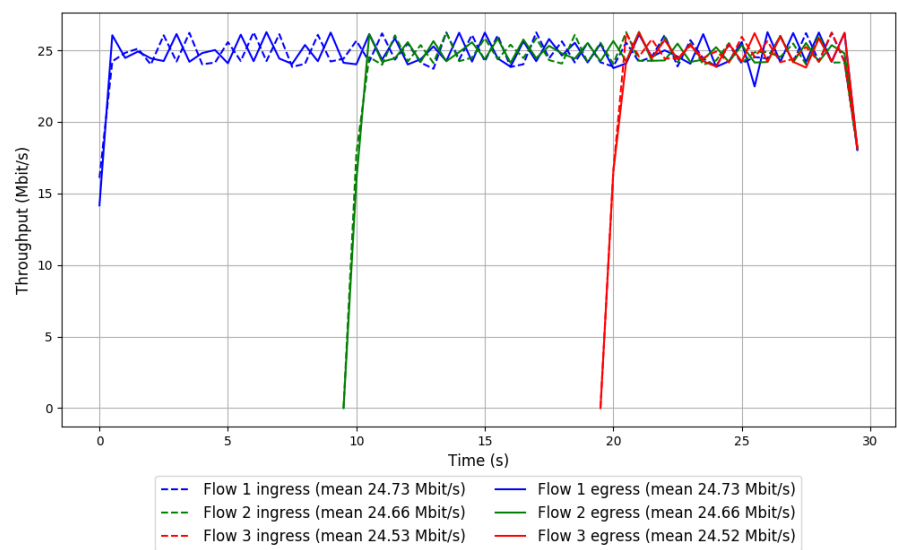
-- Flow 3:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 21.308 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:25:46 +0000

End at: Tue, 01 Aug 2017 00:26:16 +0000

Local clock offset: 0.859 ms

Remote clock offset: -0.92 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.54 Mbit/s

95th percentile per-packet one-way delay: 21.086 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 21.319 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 20.960 ms

Loss rate: 0.00%

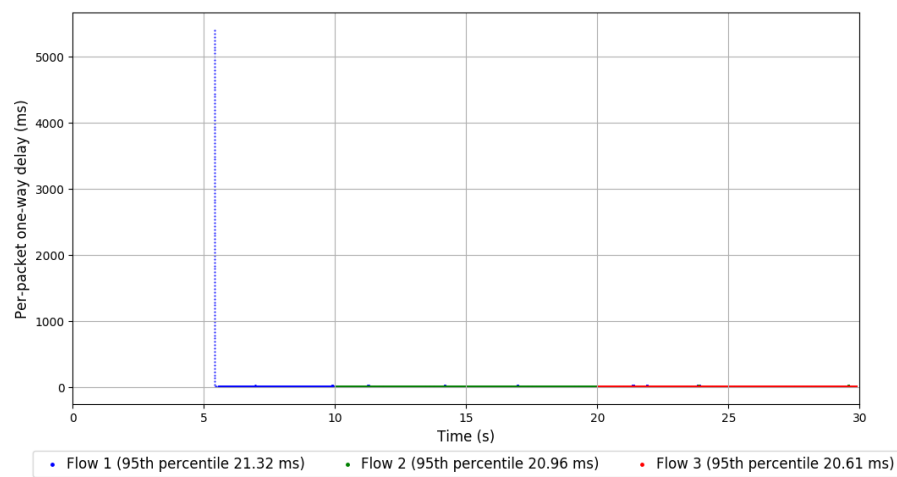
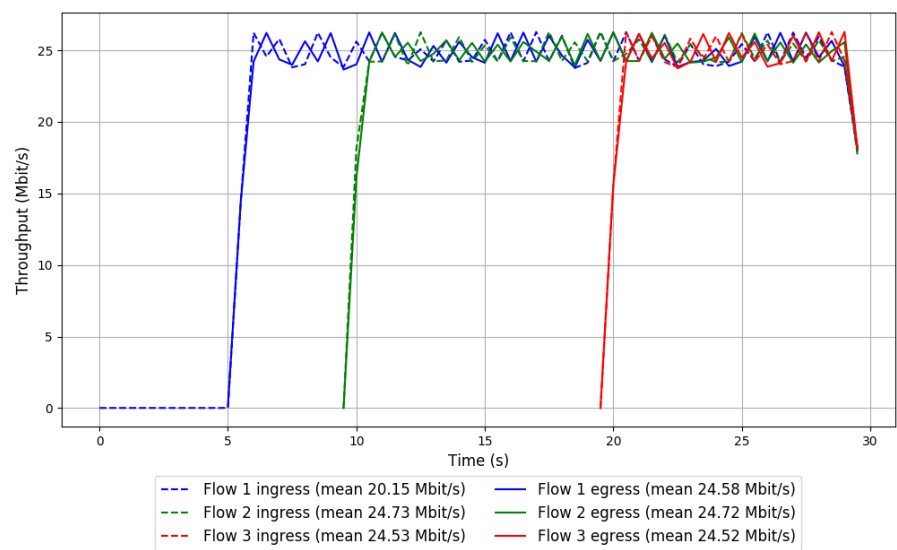
-- Flow 3:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: 20.610 ms

Loss rate: 0.01%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:46:33 +0000

End at: Tue, 01 Aug 2017 00:47:03 +0000

Local clock offset: 0.939 ms

Remote clock offset: -0.777 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.52 Mbit/s

95th percentile per-packet one-way delay: 21.440 ms

Loss rate: 0.68%

-- Flow 1:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: 21.336 ms

Loss rate: 0.65%

-- Flow 2:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 21.622 ms

Loss rate: 0.68%

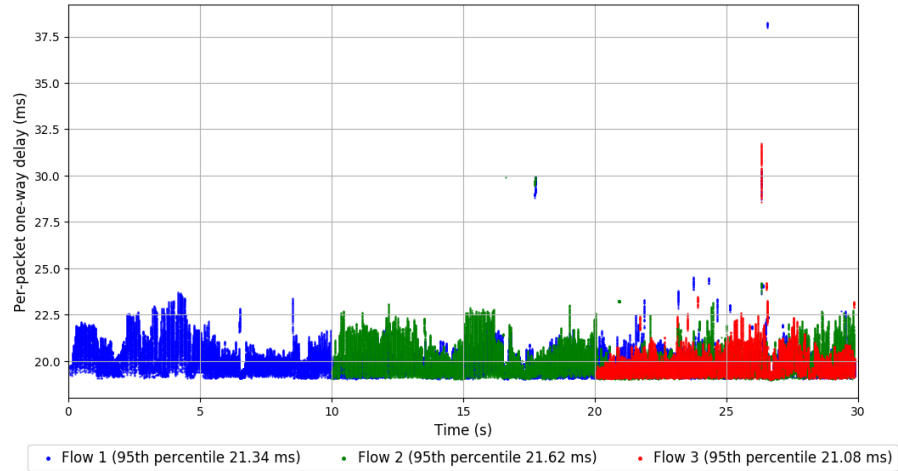
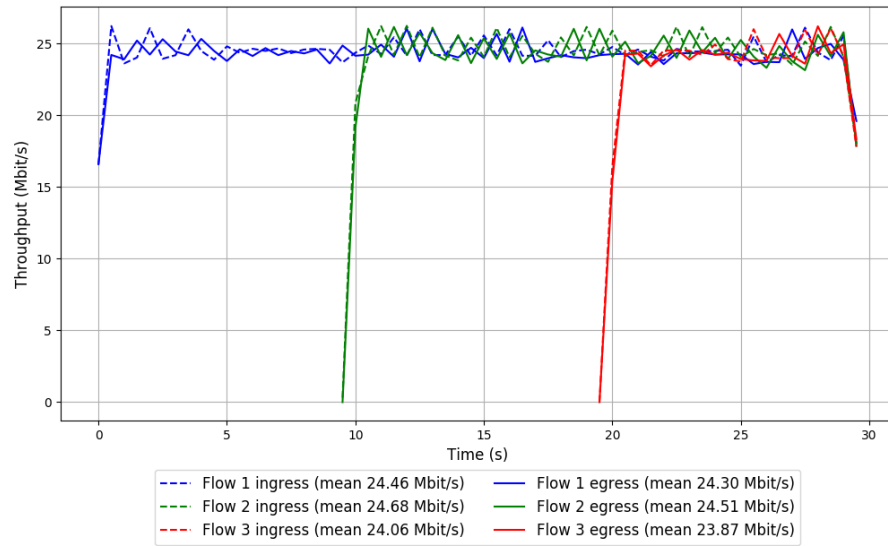
-- Flow 3:

Average throughput: 23.87 Mbit/s

95th percentile per-packet one-way delay: 21.084 ms

Loss rate: 0.76%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 01 Aug 2017 01:06:27 +0000

End at: Tue, 01 Aug 2017 01:06:57 +0000

Local clock offset: 0.793 ms

Remote clock offset: -0.557 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.71 Mbit/s

95th percentile per-packet one-way delay: 21.018 ms

Loss rate: 0.57%

-- Flow 1:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 21.047 ms

Loss rate: 0.72%

-- Flow 2:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 21.145 ms

Loss rate: 0.45%

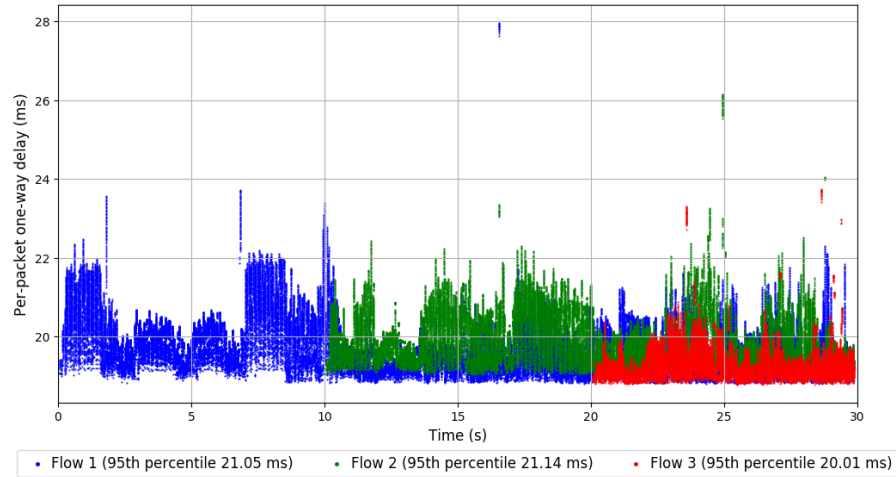
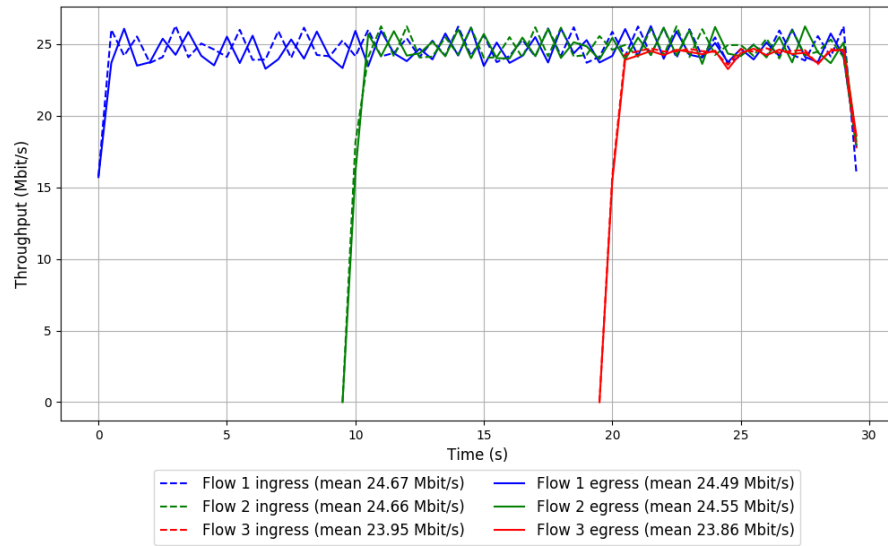
-- Flow 3:

Average throughput: 23.86 Mbit/s

95th percentile per-packet one-way delay: 20.010 ms

Loss rate: 0.37%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 01 Aug 2017 01:27:12 +0000

End at: Tue, 01 Aug 2017 01:27:42 +0000

Local clock offset: 0.916 ms

Remote clock offset: -0.664 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.42 Mbit/s

95th percentile per-packet one-way delay: 21.447 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.84 Mbit/s

95th percentile per-packet one-way delay: 21.545 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 24.80 Mbit/s

95th percentile per-packet one-way delay: 21.517 ms

Loss rate: 0.01%

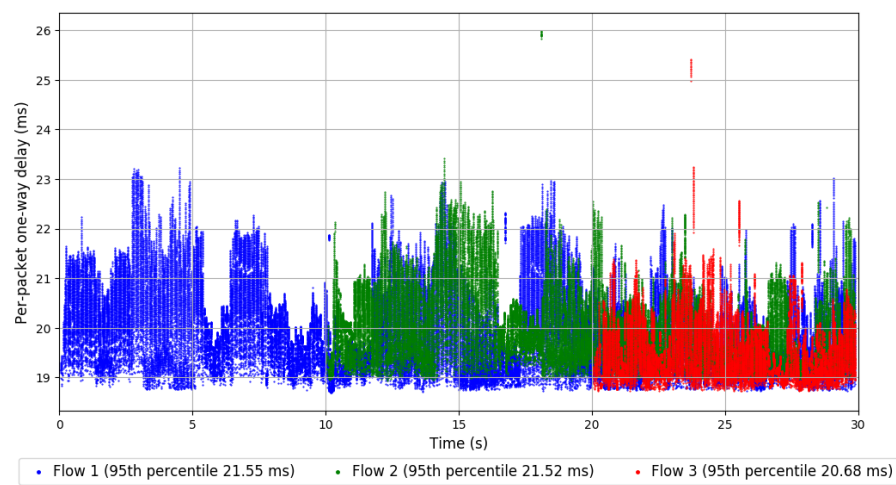
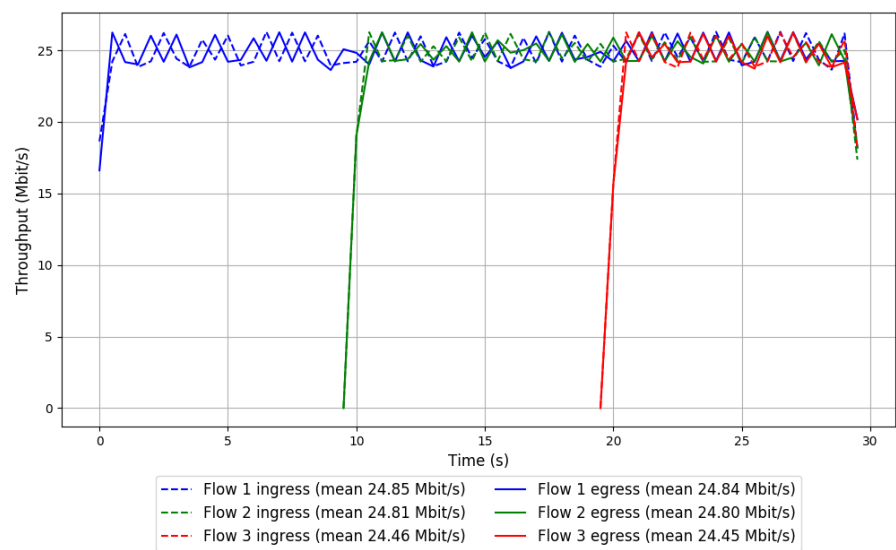
-- Flow 3:

Average throughput: 24.45 Mbit/s

95th percentile per-packet one-way delay: 20.677 ms

Loss rate: 0.01%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Tue, 01 Aug 2017 01:47:58 +0000

End at: Tue, 01 Aug 2017 01:48:28 +0000

Local clock offset: 0.892 ms

Remote clock offset: -1.122 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.23 Mbit/s

95th percentile per-packet one-way delay: 21.512 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 24.84 Mbit/s

95th percentile per-packet one-way delay: 21.725 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 21.145 ms

Loss rate: 0.01%

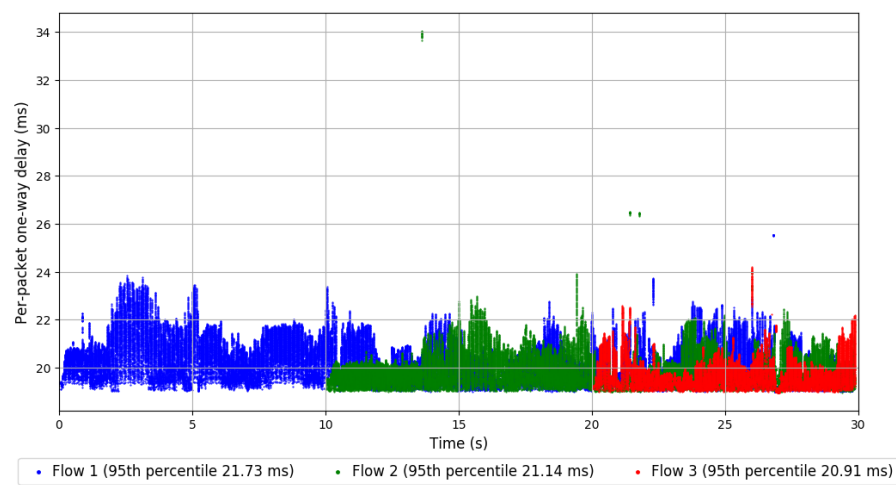
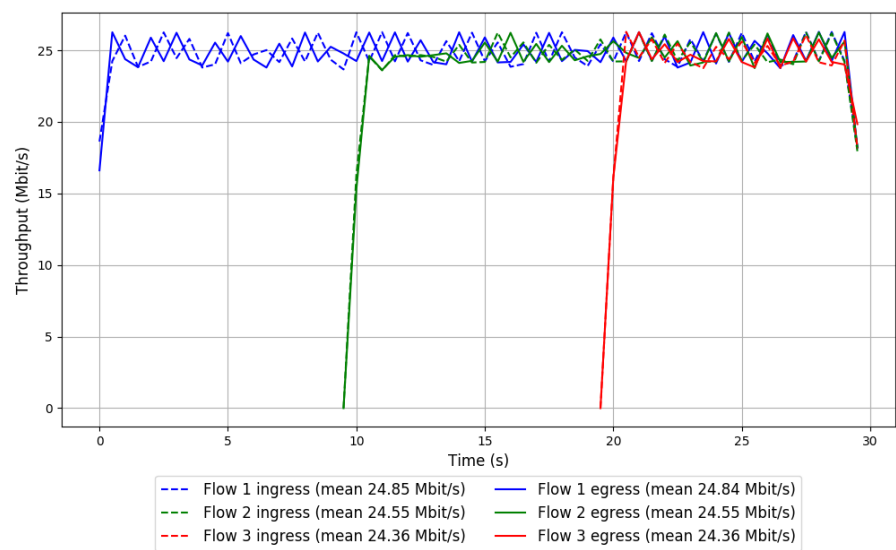
-- Flow 3:

Average throughput: 24.36 Mbit/s

95th percentile per-packet one-way delay: 20.905 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 01 Aug 2017 02:09:36 +0000

End at: Tue, 01 Aug 2017 02:10:06 +0000

Local clock offset: 0.775 ms

Remote clock offset: -1.263 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 52.71 Mbit/s

95th percentile per-packet one-way delay: 21.447 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 21.794 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 24.78 Mbit/s

95th percentile per-packet one-way delay: 18.974 ms

Loss rate: 0.00%

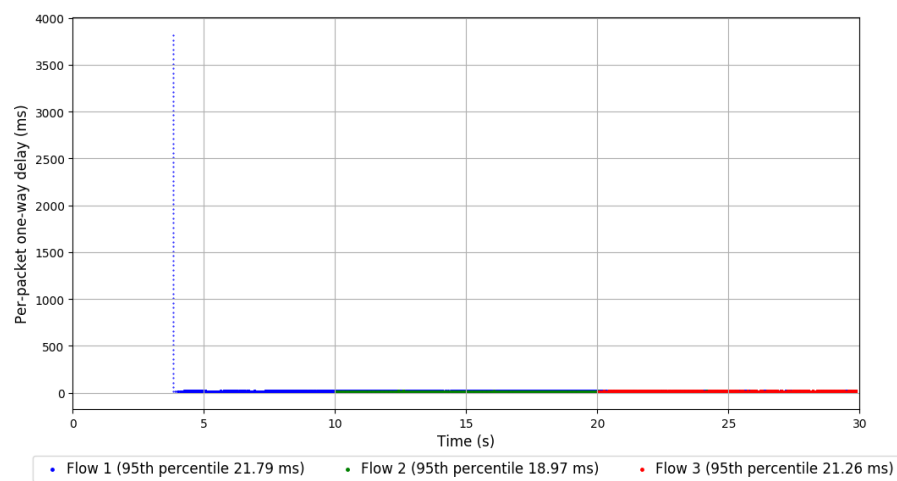
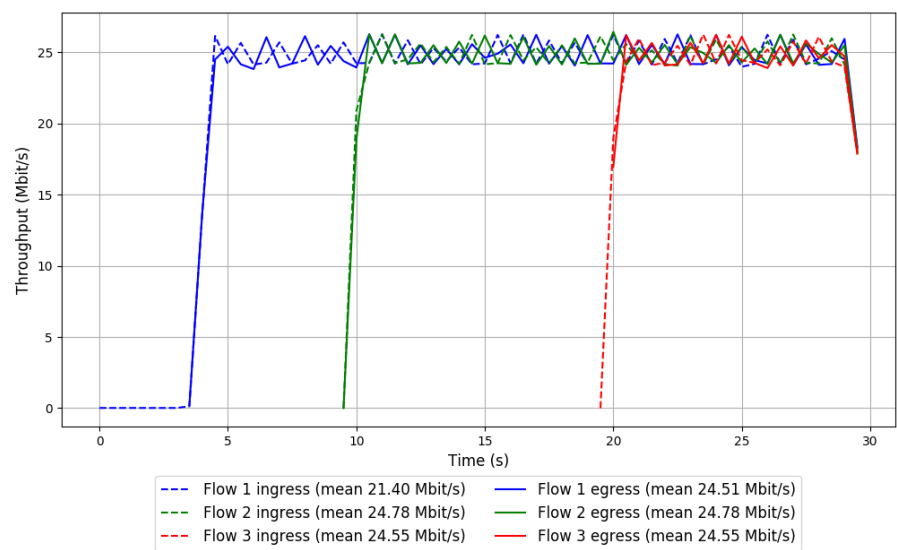
-- Flow 3:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 21.259 ms

Loss rate: 0.02%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Tue, 01 Aug 2017 02:30:42 +0000

End at: Tue, 01 Aug 2017 02:31:12 +0000

Local clock offset: 0.608 ms

Remote clock offset: -1.332 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.22 Mbit/s

95th percentile per-packet one-way delay: 22.011 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 21.793 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.71 Mbit/s

95th percentile per-packet one-way delay: 22.280 ms

Loss rate: 0.00%

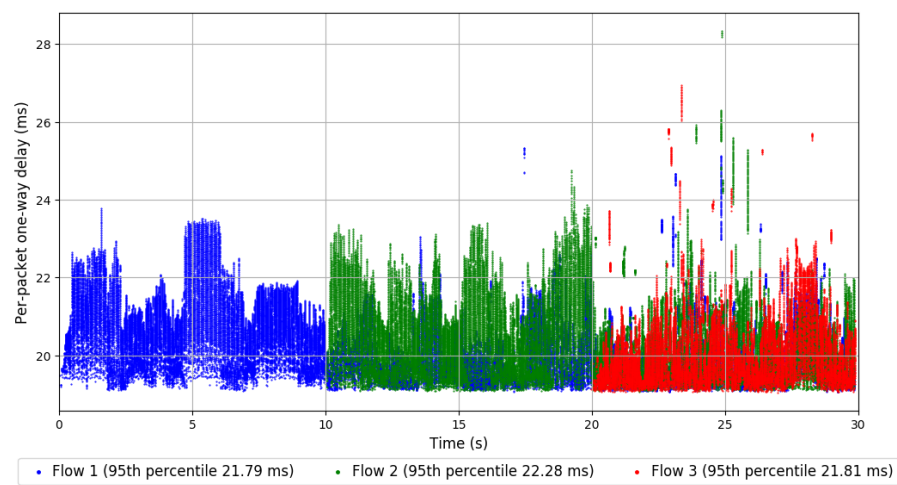
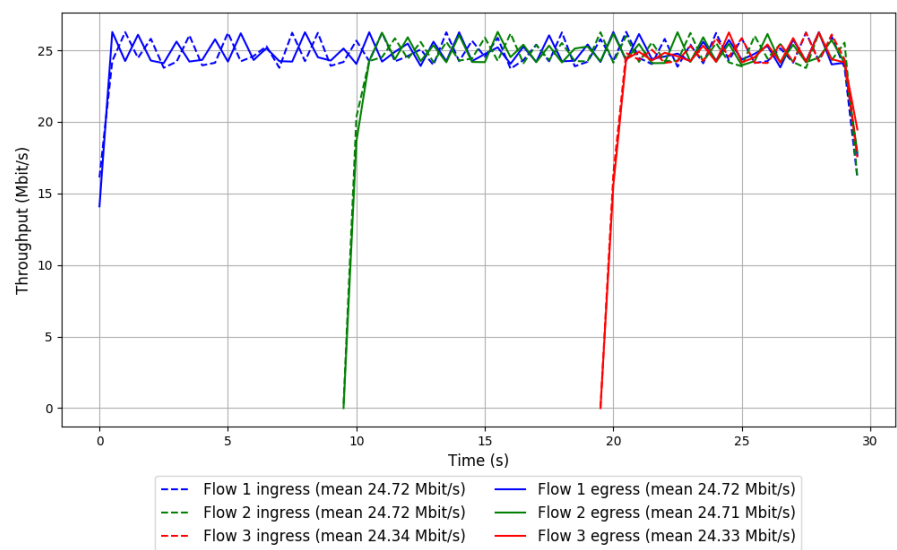
-- Flow 3:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 21.814 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Tue, 01 Aug 2017 02:52:15 +0000

End at: Tue, 01 Aug 2017 02:52:45 +0000

Local clock offset: 0.411 ms

Remote clock offset: -1.247 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:20:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 53.16 Mbit/s

95th percentile per-packet one-way delay: 21.181 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 21.569 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 20.754 ms

Loss rate: 0.01%

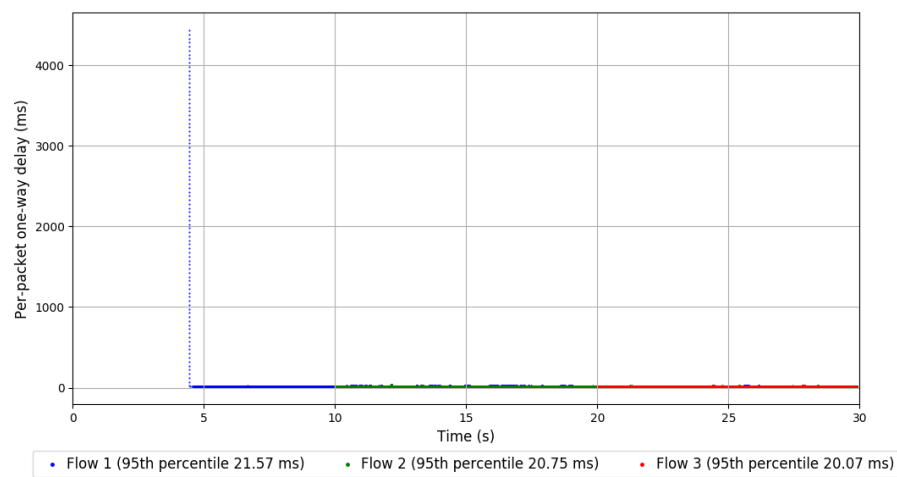
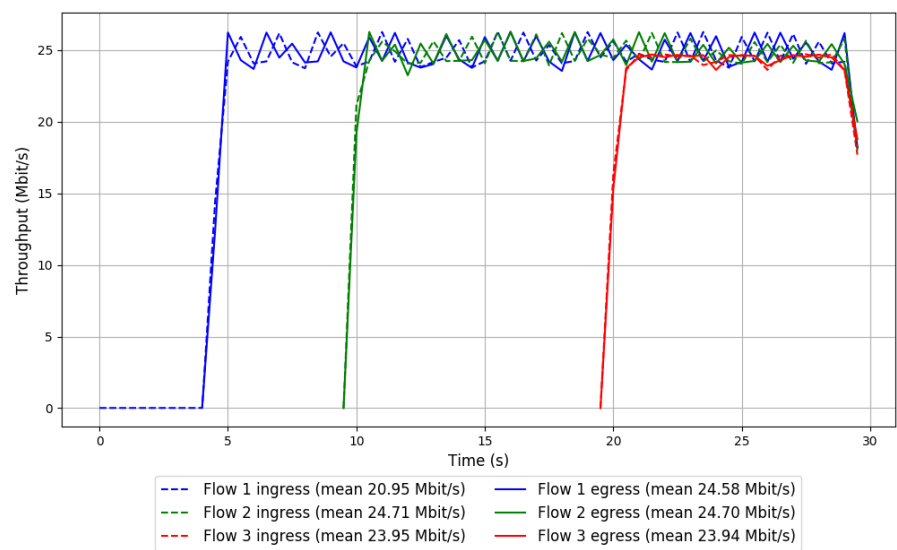
-- Flow 3:

Average throughput: 23.94 Mbit/s

95th percentile per-packet one-way delay: 20.069 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 31 Jul 2017 23:56:12 +0000

End at: Mon, 31 Jul 2017 23:56:42 +0000

Local clock offset: 0.527 ms

Remote clock offset: -1.637 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:21:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 194.92 Mbit/s

95th percentile per-packet one-way delay: 19.135 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 144.43 Mbit/s

95th percentile per-packet one-way delay: 19.136 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 56.34 Mbit/s

95th percentile per-packet one-way delay: 19.185 ms

Loss rate: 0.00%

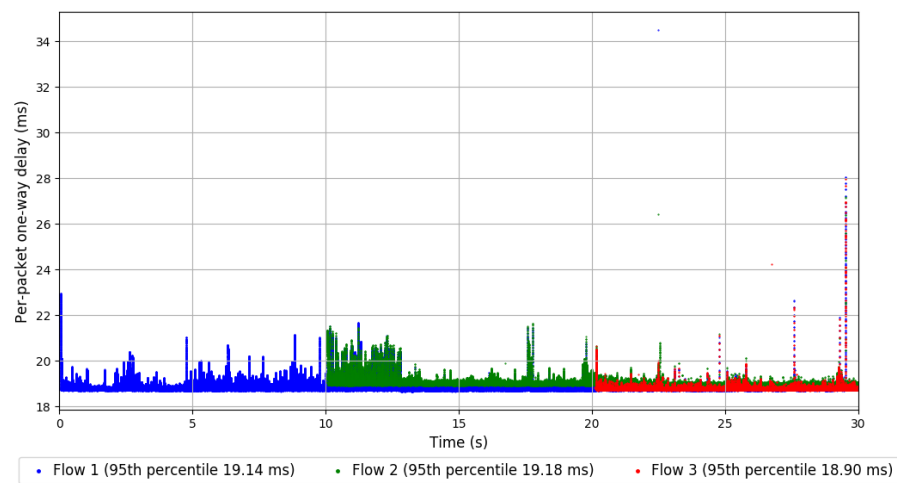
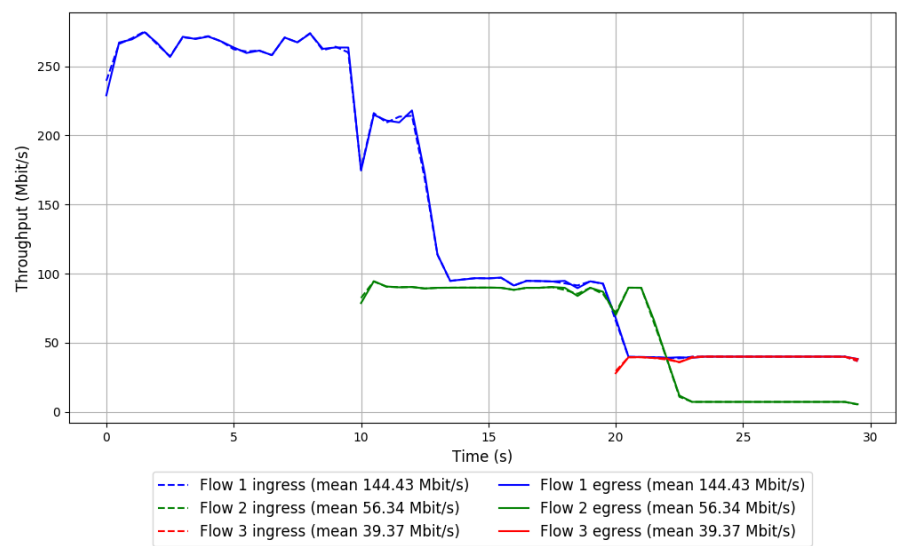
-- Flow 3:

Average throughput: 39.37 Mbit/s

95th percentile per-packet one-way delay: 18.898 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 00:17:28 +0000

End at: Tue, 01 Aug 2017 00:17:58 +0000

Local clock offset: 0.706 ms

Remote clock offset: -1.165 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:21:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 151.60 Mbit/s

95th percentile per-packet one-way delay: 19.191 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 117.49 Mbit/s

95th percentile per-packet one-way delay: 19.174 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 49.42 Mbit/s

95th percentile per-packet one-way delay: 19.280 ms

Loss rate: 0.00%

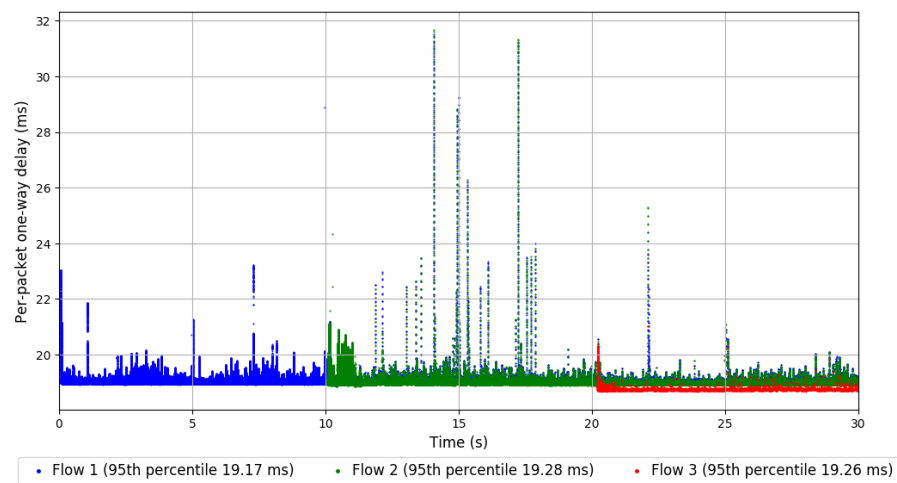
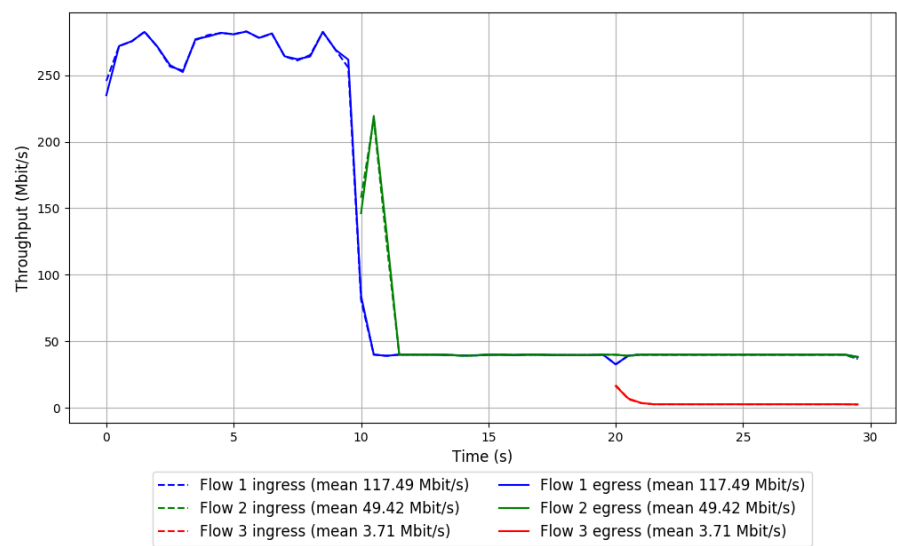
-- Flow 3:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 19.258 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 00:38:07 +0000

End at: Tue, 01 Aug 2017 00:38:37 +0000

Local clock offset: 0.913 ms

Remote clock offset: -0.761 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:22:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 198.88 Mbit/s

95th percentile per-packet one-way delay: 18.990 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 122.25 Mbit/s

95th percentile per-packet one-way delay: 18.815 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 68.64 Mbit/s

95th percentile per-packet one-way delay: 19.041 ms

Loss rate: 0.00%

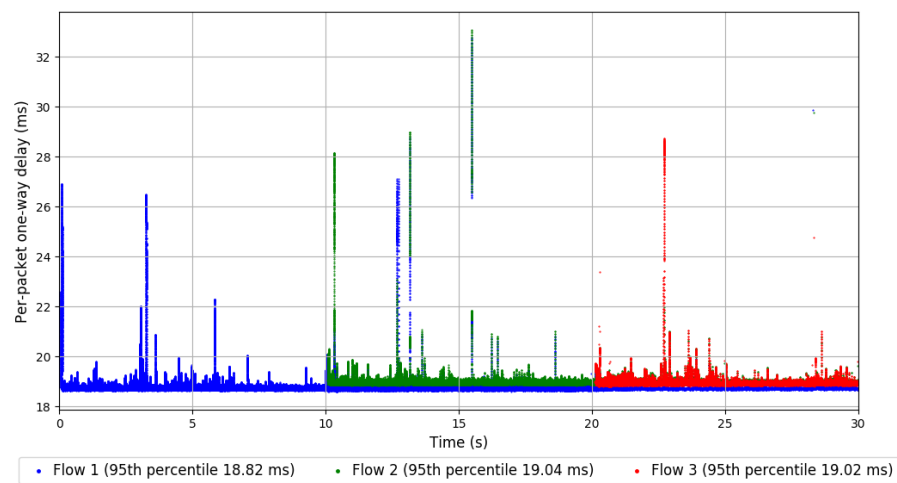
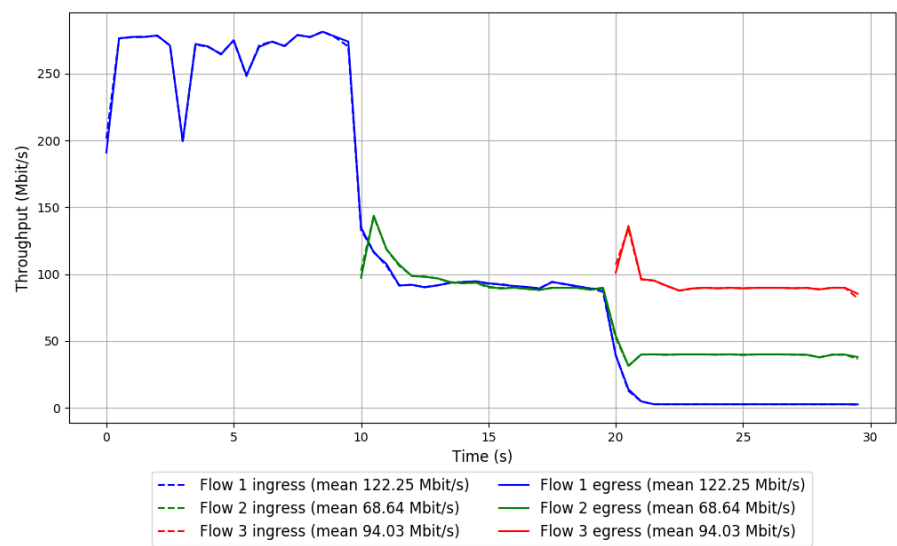
-- Flow 3:

Average throughput: 94.03 Mbit/s

95th percentile per-packet one-way delay: 19.015 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 00:58:24 +0000

End at: Tue, 01 Aug 2017 00:58:54 +0000

Local clock offset: 0.818 ms

Remote clock offset: -0.664 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:22:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 168.82 Mbit/s

95th percentile per-packet one-way delay: 19.007 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 121.75 Mbit/s

95th percentile per-packet one-way delay: 19.004 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 68.76 Mbit/s

95th percentile per-packet one-way delay: 19.009 ms

Loss rate: 0.10%

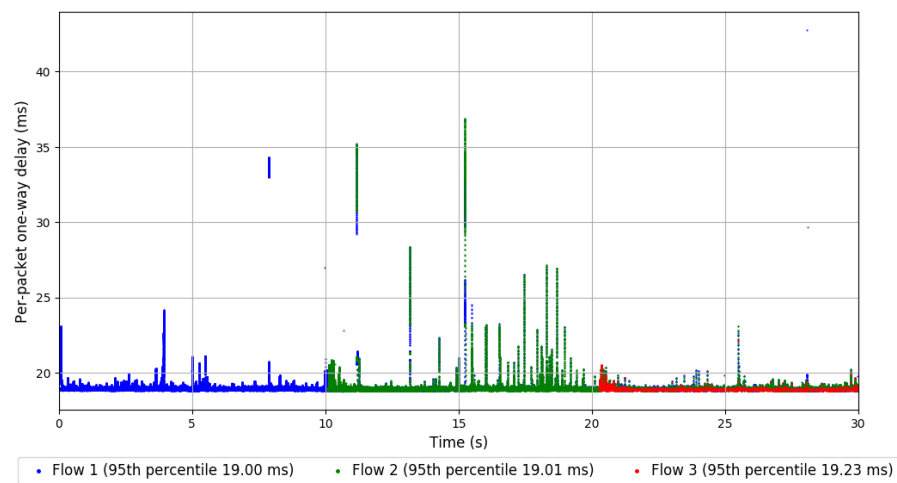
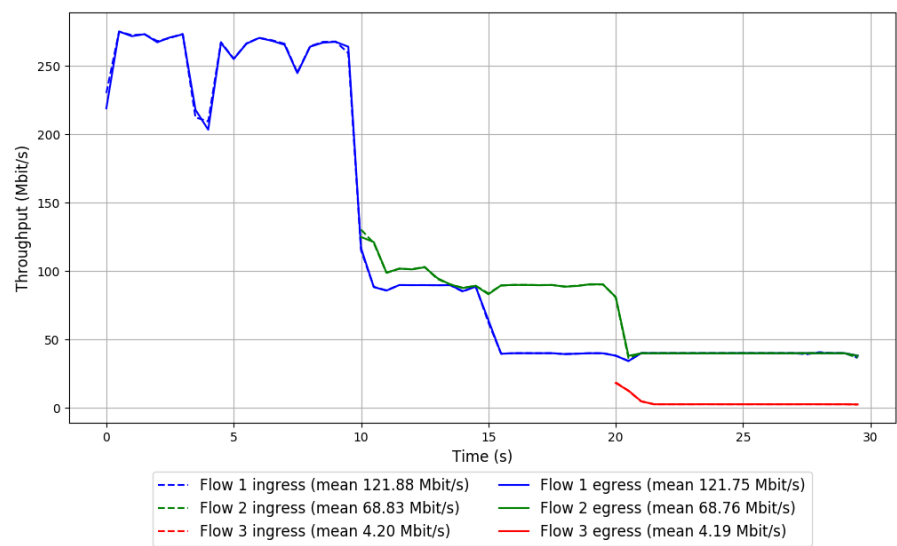
-- Flow 3:

Average throughput: 4.19 Mbit/s

95th percentile per-packet one-way delay: 19.230 ms

Loss rate: 0.15%

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 01:18:52 +0000

End at: Tue, 01 Aug 2017 01:19:22 +0000

Local clock offset: 0.899 ms

Remote clock offset: -0.559 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:22:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 223.76 Mbit/s

95th percentile per-packet one-way delay: 19.145 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 140.86 Mbit/s

95th percentile per-packet one-way delay: 19.231 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 80.20 Mbit/s

95th percentile per-packet one-way delay: 18.879 ms

Loss rate: 0.17%

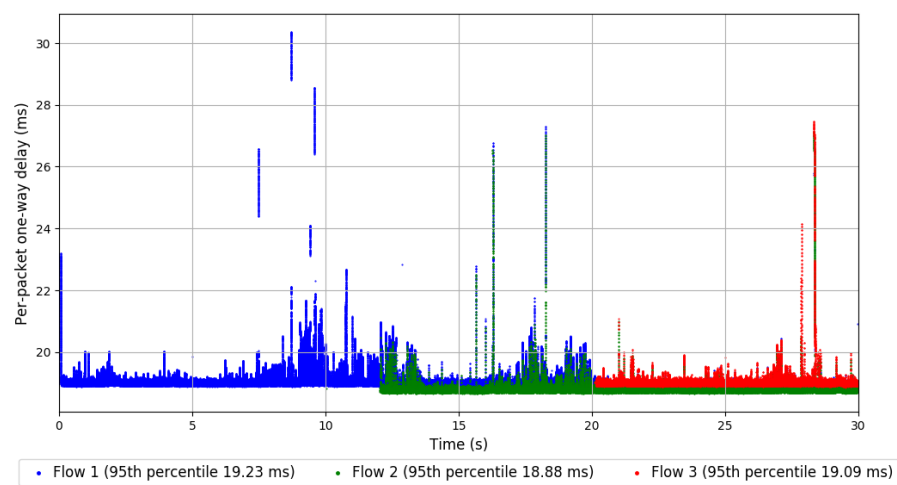
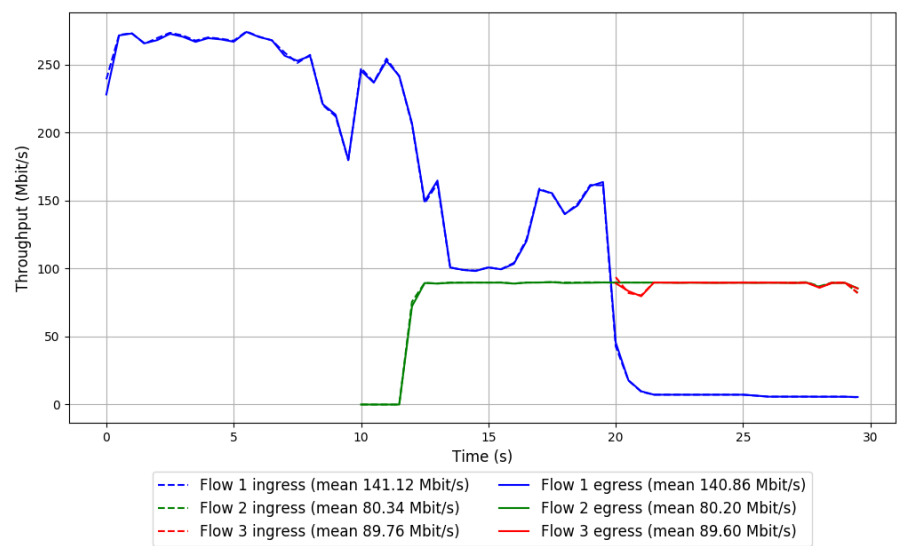
-- Flow 3:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 19.086 ms

Loss rate: 0.18%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 01:39:39 +0000

End at: Tue, 01 Aug 2017 01:40:09 +0000

Local clock offset: 1.02 ms

Remote clock offset: -0.909 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:22:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 176.98 Mbit/s

95th percentile per-packet one-way delay: 18.977 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 113.92 Mbit/s

95th percentile per-packet one-way delay: 18.913 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 52.10 Mbit/s

95th percentile per-packet one-way delay: 19.061 ms

Loss rate: 0.02%

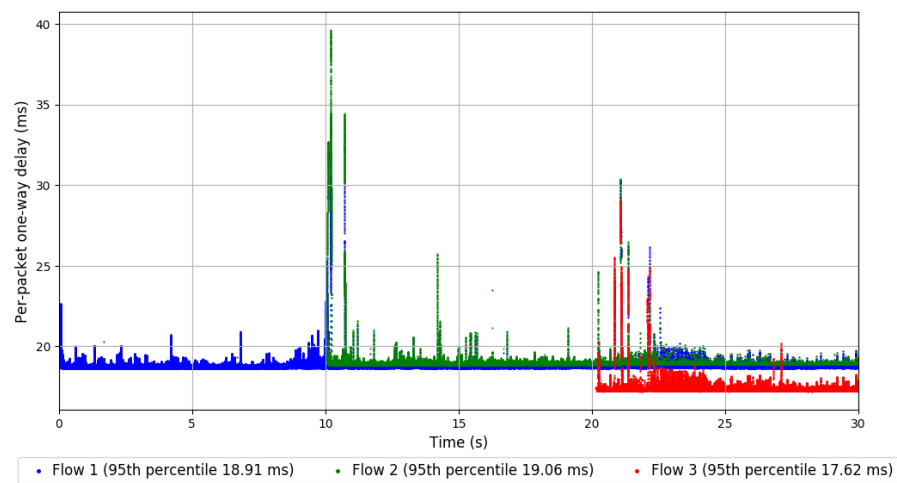
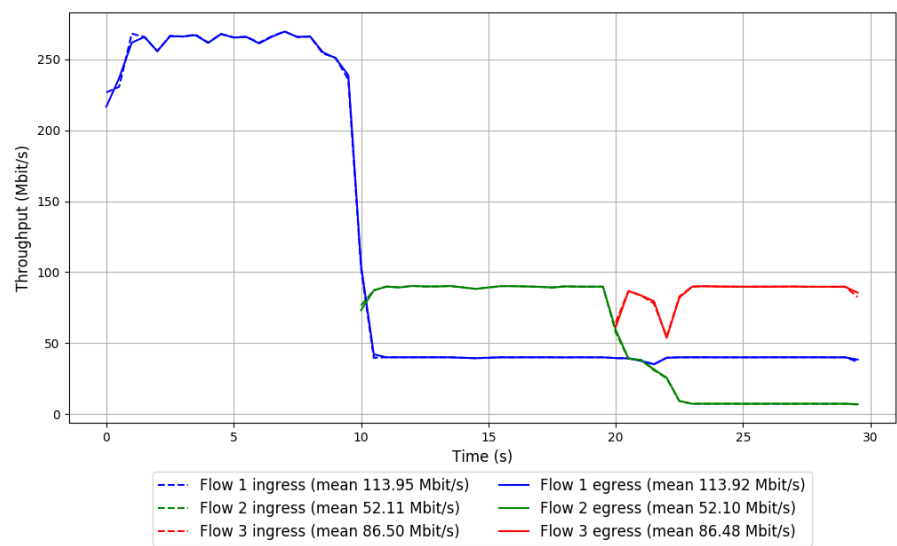
-- Flow 3:

Average throughput: 86.48 Mbit/s

95th percentile per-packet one-way delay: 17.618 ms

Loss rate: 0.02%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 02:00:38 +0000

End at: Tue, 01 Aug 2017 02:01:08 +0000

Local clock offset: 0.84 ms

Remote clock offset: -1.258 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:23:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 222.09 Mbit/s

95th percentile per-packet one-way delay: 19.177 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 183.51 Mbit/s

95th percentile per-packet one-way delay: 19.173 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.22 Mbit/s

95th percentile per-packet one-way delay: 19.072 ms

Loss rate: 0.00%

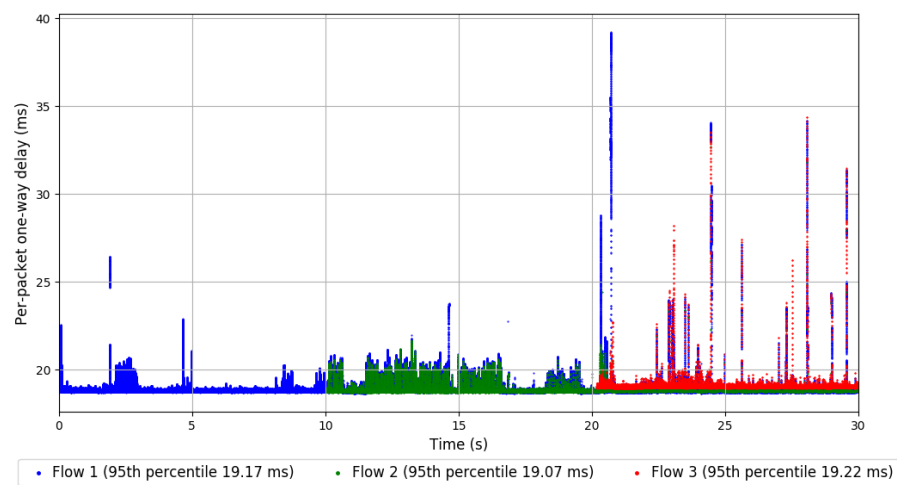
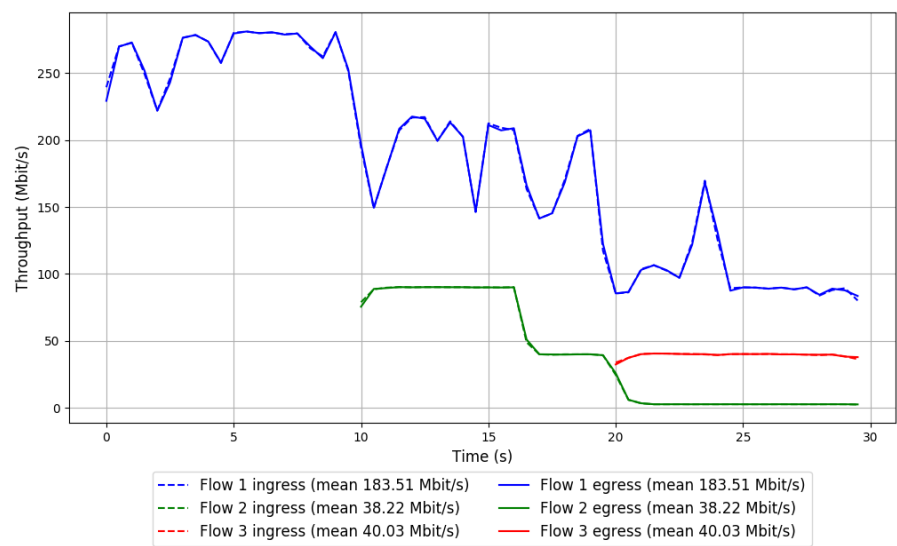
-- Flow 3:

Average throughput: 40.03 Mbit/s

95th percentile per-packet one-way delay: 19.224 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 02:21:48 +0000

End at: Tue, 01 Aug 2017 02:22:18 +0000

Local clock offset: 0.762 ms

Remote clock offset: -1.16 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:23:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 147.42 Mbit/s

95th percentile per-packet one-way delay: 19.063 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 19.093 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 66.32 Mbit/s

95th percentile per-packet one-way delay: 18.852 ms

Loss rate: 0.00%

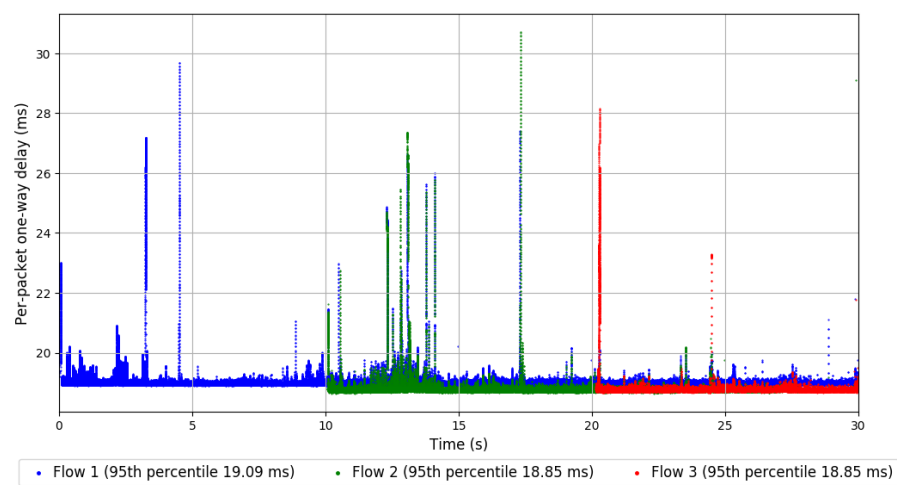
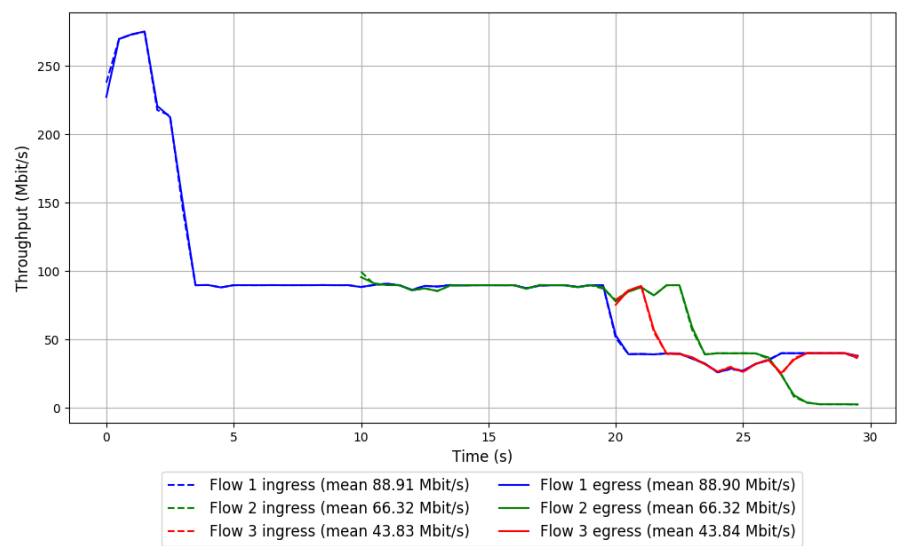
-- Flow 3:

Average throughput: 43.84 Mbit/s

95th percentile per-packet one-way delay: 18.851 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 02:43:28 +0000

End at: Tue, 01 Aug 2017 02:43:58 +0000

Local clock offset: 0.439 ms

Remote clock offset: -1.496 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:24:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 190.72 Mbit/s

95th percentile per-packet one-way delay: 18.972 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 129.28 Mbit/s

95th percentile per-packet one-way delay: 18.829 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 73.80 Mbit/s

95th percentile per-packet one-way delay: 18.839 ms

Loss rate: 0.00%

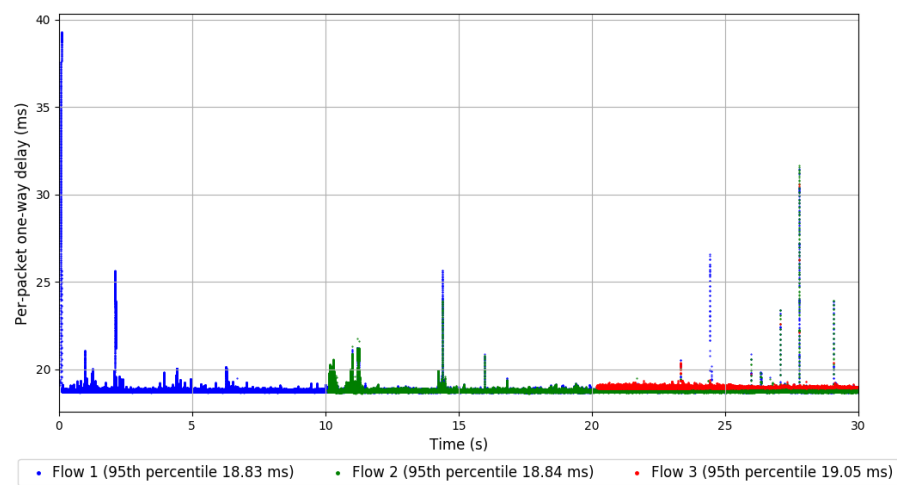
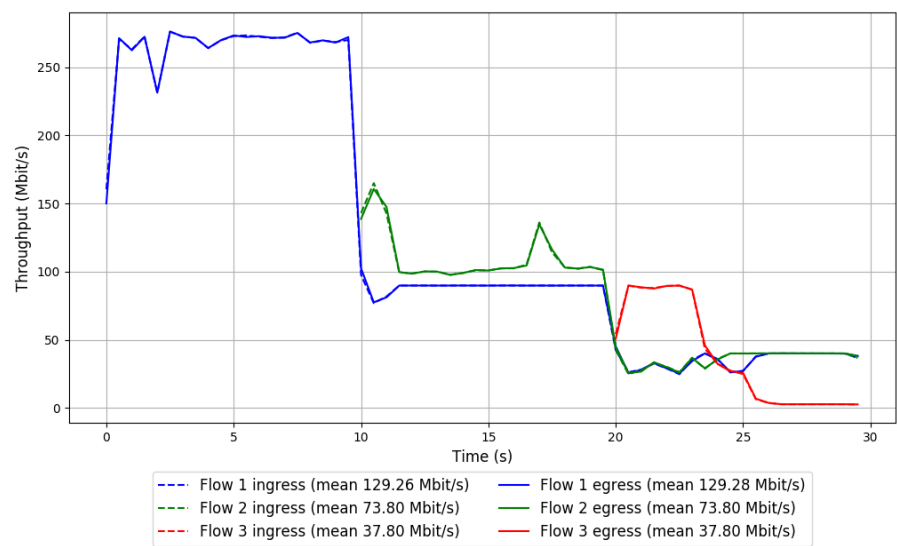
-- Flow 3:

Average throughput: 37.80 Mbit/s

95th percentile per-packet one-way delay: 19.051 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 03:04:29 +0000

End at: Tue, 01 Aug 2017 03:04:59 +0000

Local clock offset: 0.081 ms

Remote clock offset: -1.346 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:24:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 217.02 Mbit/s

95th percentile per-packet one-way delay: 19.159 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 119.83 Mbit/s

95th percentile per-packet one-way delay: 19.105 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 122.27 Mbit/s

95th percentile per-packet one-way delay: 19.577 ms

Loss rate: 0.00%

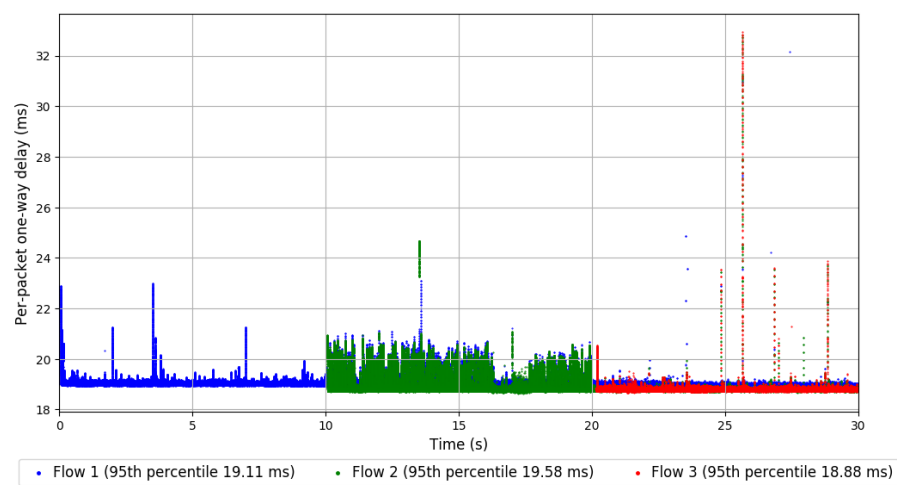
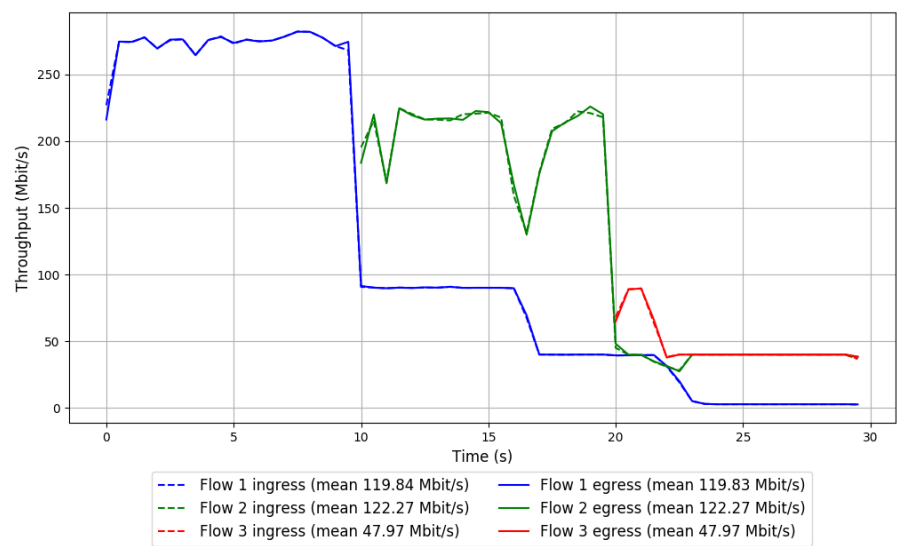
-- Flow 3:

Average throughput: 47.97 Mbit/s

95th percentile per-packet one-way delay: 18.875 ms

Loss rate: 0.01%

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 23:42:24 +0000

End at: Mon, 31 Jul 2017 23:42:54 +0000

Local clock offset: 0.303 ms

Remote clock offset: -1.705 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:24:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 240.87 Mbit/s

95th percentile per-packet one-way delay: 19.605 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 125.30 Mbit/s

95th percentile per-packet one-way delay: 19.773 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 117.07 Mbit/s

95th percentile per-packet one-way delay: 18.574 ms

Loss rate: 0.01%

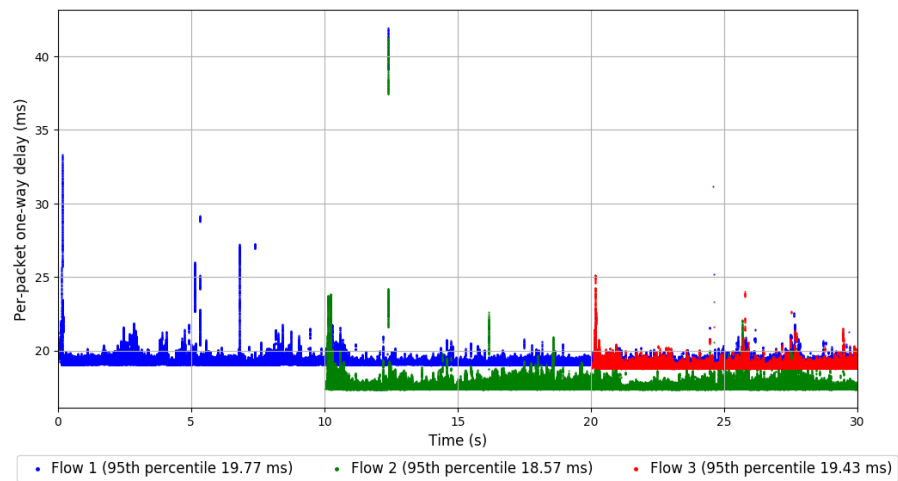
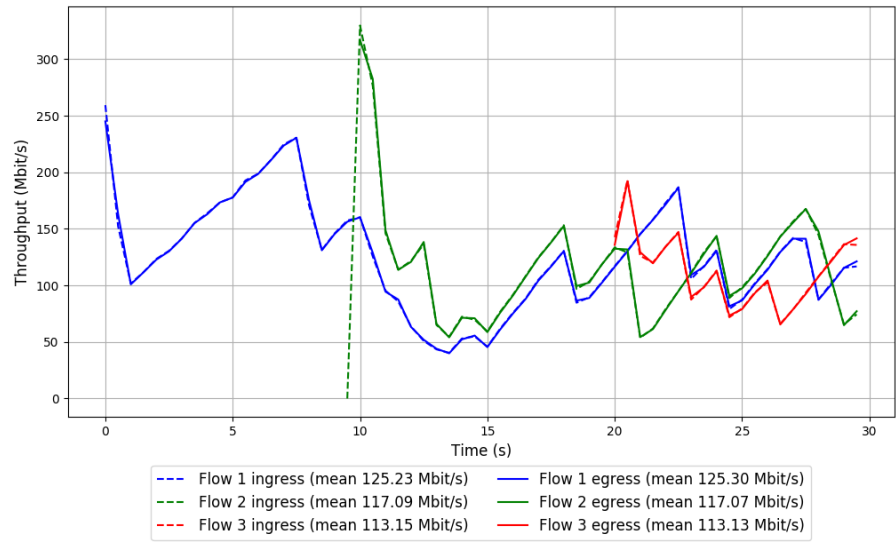
-- Flow 3:

Average throughput: 113.13 Mbit/s

95th percentile per-packet one-way delay: 19.432 ms

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:03:31 +0000

End at: Tue, 01 Aug 2017 00:04:01 +0000

Local clock offset: 0.616 ms

Remote clock offset: -1.522 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:25:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 419.84 Mbit/s

95th percentile per-packet one-way delay: 20.309 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 232.87 Mbit/s

95th percentile per-packet one-way delay: 20.387 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 181.18 Mbit/s

95th percentile per-packet one-way delay: 19.674 ms

Loss rate: 0.00%

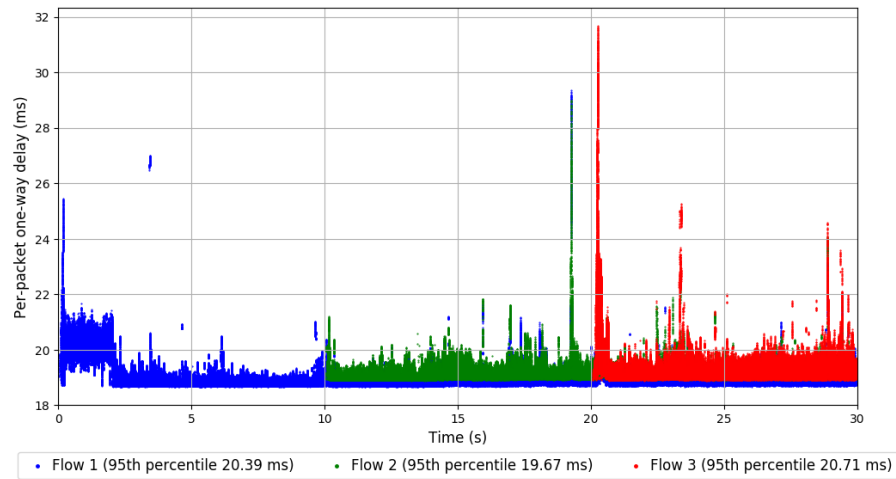
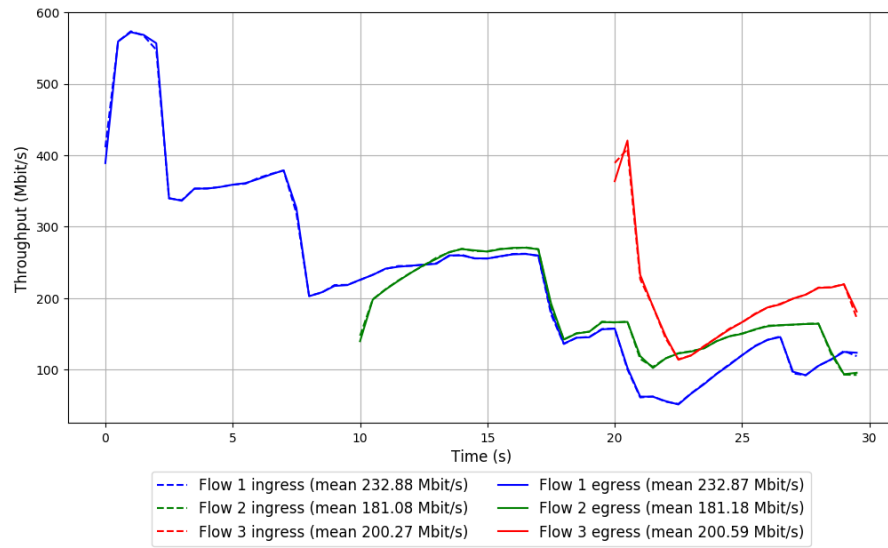
-- Flow 3:

Average throughput: 200.59 Mbit/s

95th percentile per-packet one-way delay: 20.712 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:24:18 +0000

End at: Tue, 01 Aug 2017 00:24:48 +0000

Local clock offset: 0.736 ms

Remote clock offset: -0.954 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:25:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 378.71 Mbit/s

95th percentile per-packet one-way delay: 19.662 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 150.06 Mbit/s

95th percentile per-packet one-way delay: 19.635 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 230.01 Mbit/s

95th percentile per-packet one-way delay: 19.600 ms

Loss rate: 0.00%

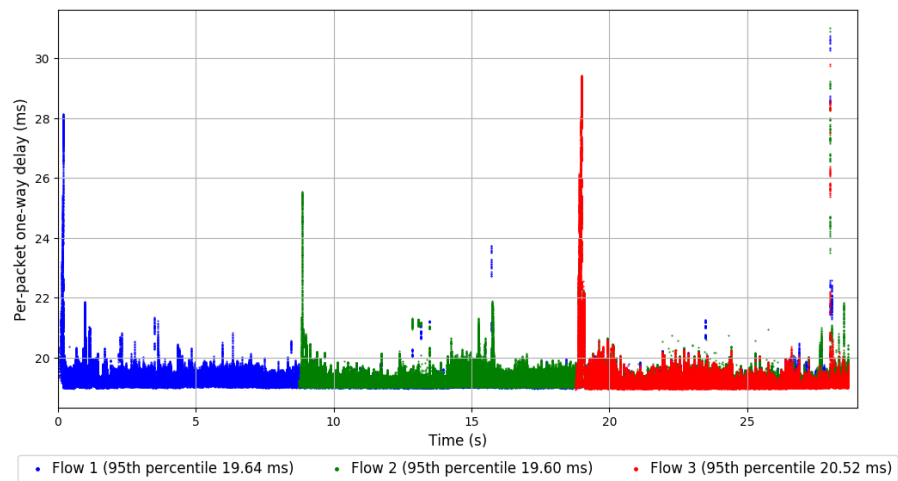
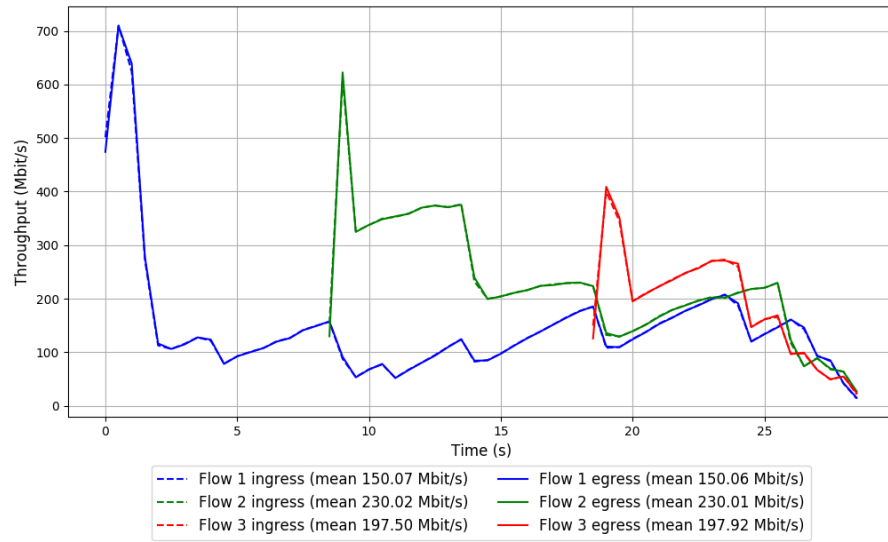
-- Flow 3:

Average throughput: 197.92 Mbit/s

95th percentile per-packet one-way delay: 20.516 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:45:17 +0000

End at: Tue, 01 Aug 2017 00:45:47 +0000

Local clock offset: 0.952 ms

Remote clock offset: -0.815 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:25:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 112.25 Mbit/s

95th percentile per-packet one-way delay: 19.335 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 19.288 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 27.73 Mbit/s

95th percentile per-packet one-way delay: 19.411 ms

Loss rate: 0.16%

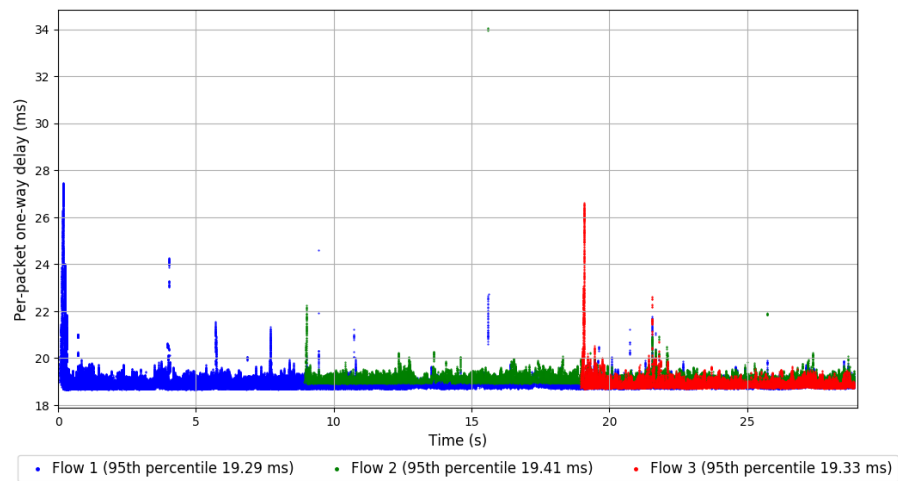
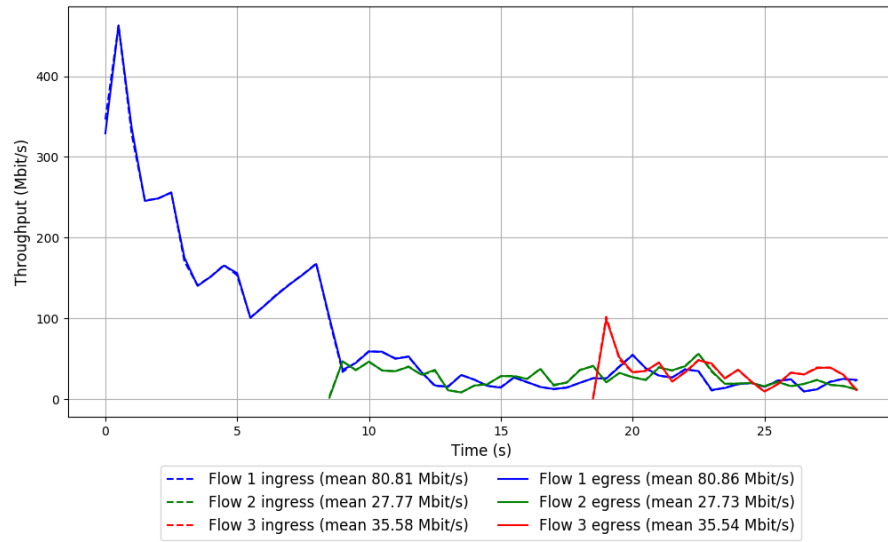
-- Flow 3:

Average throughput: 35.54 Mbit/s

95th percentile per-packet one-way delay: 19.326 ms

Loss rate: 0.13%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 01:05:14 +0000

End at: Tue, 01 Aug 2017 01:05:44 +0000

Local clock offset: 0.779 ms

Remote clock offset: -0.621 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:25:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 38.57 Mbit/s

95th percentile per-packet one-way delay: 20.090 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 19.02 Mbit/s

95th percentile per-packet one-way delay: 19.993 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 17.04 Mbit/s

95th percentile per-packet one-way delay: 19.700 ms

Loss rate: 0.38%

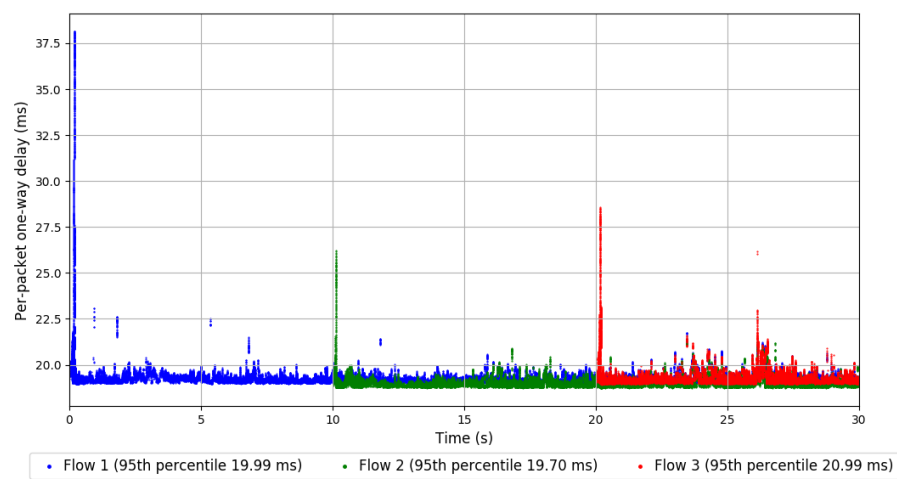
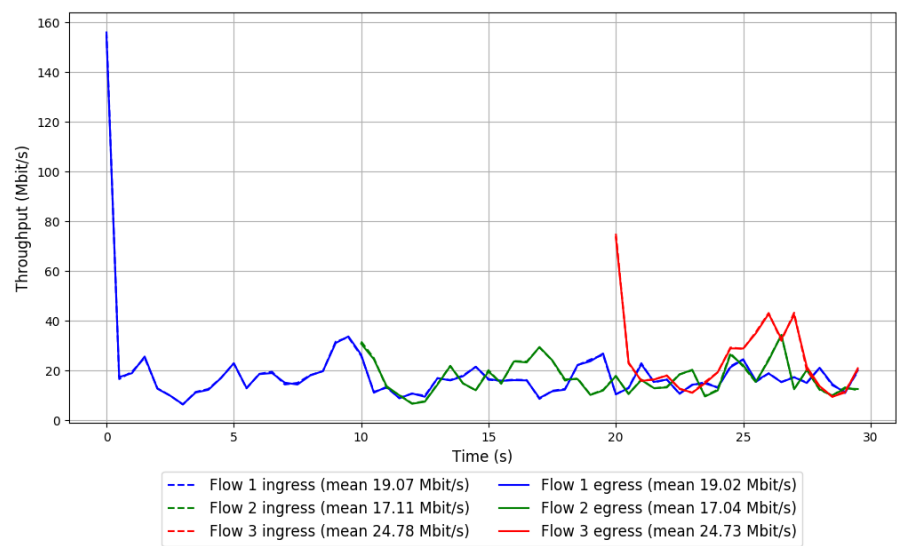
-- Flow 3:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 20.988 ms

Loss rate: 0.20%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 01:25:47 +0000

End at: Tue, 01 Aug 2017 01:26:17 +0000

Local clock offset: 0.91 ms

Remote clock offset: -0.637 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:26:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 305.64 Mbit/s

95th percentile per-packet one-way delay: 19.575 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 168.78 Mbit/s

95th percentile per-packet one-way delay: 19.533 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 151.39 Mbit/s

95th percentile per-packet one-way delay: 19.633 ms

Loss rate: 0.01%

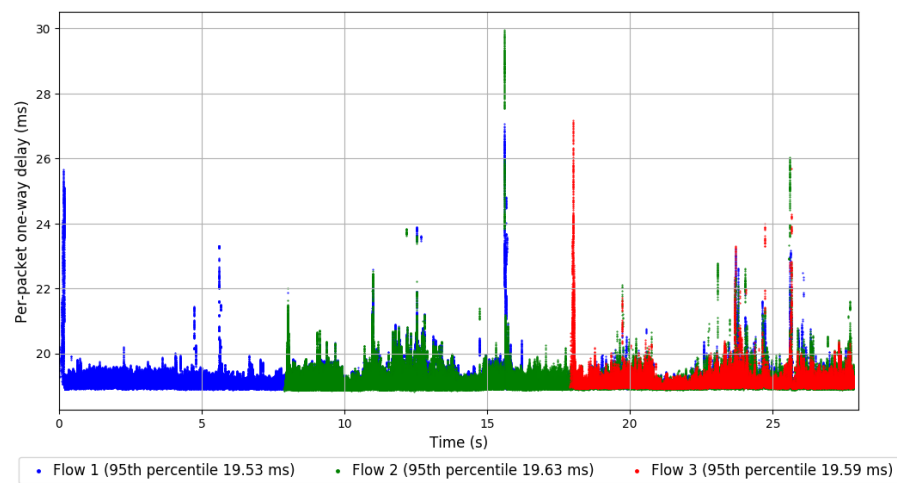
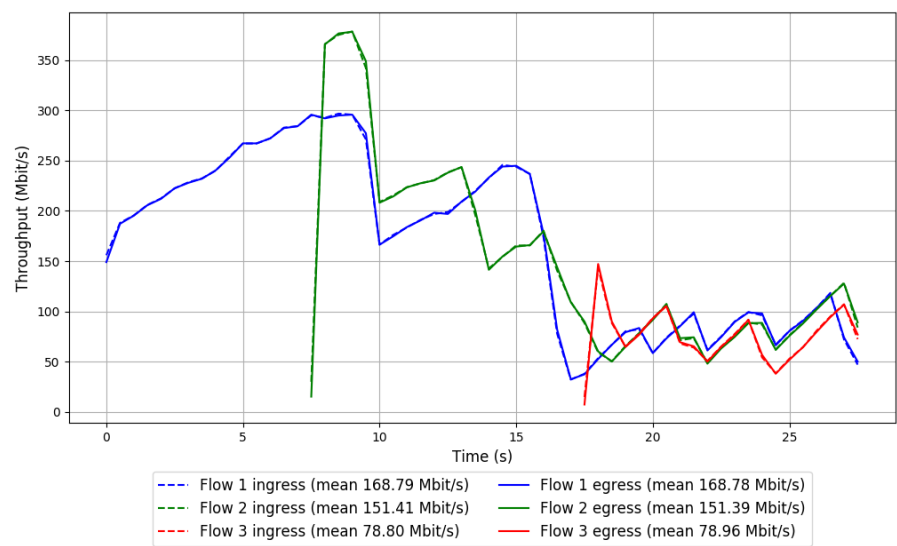
-- Flow 3:

Average throughput: 78.96 Mbit/s

95th percentile per-packet one-way delay: 19.591 ms

Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 01:46:34 +0000

End at: Tue, 01 Aug 2017 01:47:04 +0000

Local clock offset: 0.972 ms

Remote clock offset: -1.011 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:26:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 283.02 Mbit/s

95th percentile per-packet one-way delay: 19.537 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 147.41 Mbit/s

95th percentile per-packet one-way delay: 19.543 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 155.54 Mbit/s

95th percentile per-packet one-way delay: 19.461 ms

Loss rate: 0.01%

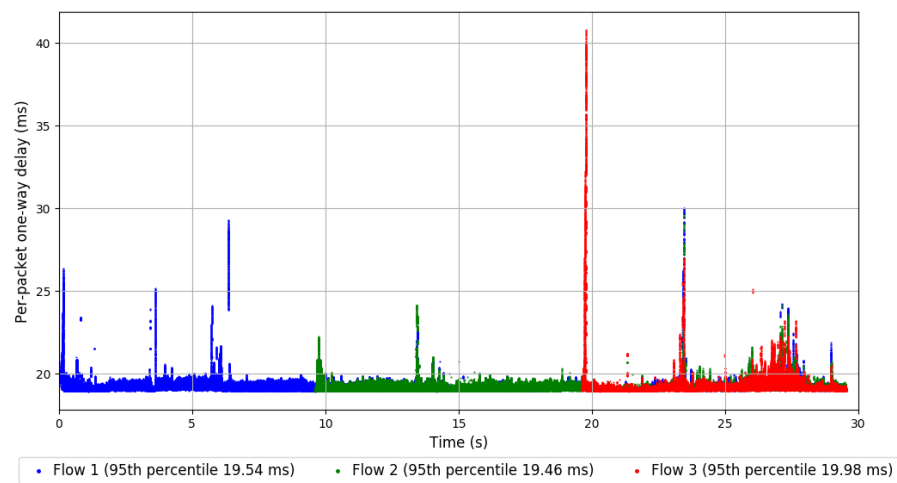
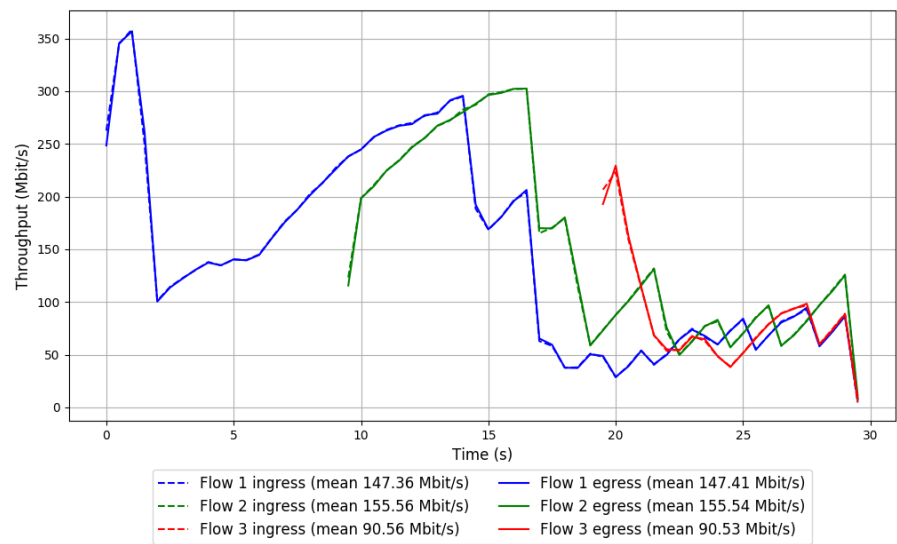
-- Flow 3:

Average throughput: 90.53 Mbit/s

95th percentile per-packet one-way delay: 19.977 ms

Loss rate: 0.03%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 02:08:05 +0000

End at: Tue, 01 Aug 2017 02:08:35 +0000

Local clock offset: 0.782 ms

Remote clock offset: -1.272 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:26:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 408.14 Mbit/s

95th percentile per-packet one-way delay: 19.333 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 221.01 Mbit/s

95th percentile per-packet one-way delay: 17.818 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 183.43 Mbit/s

95th percentile per-packet one-way delay: 19.349 ms

Loss rate: 0.00%

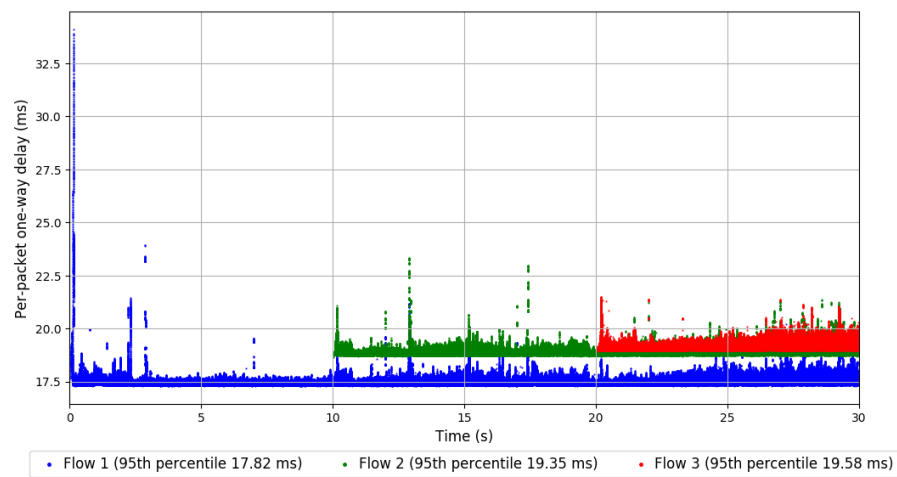
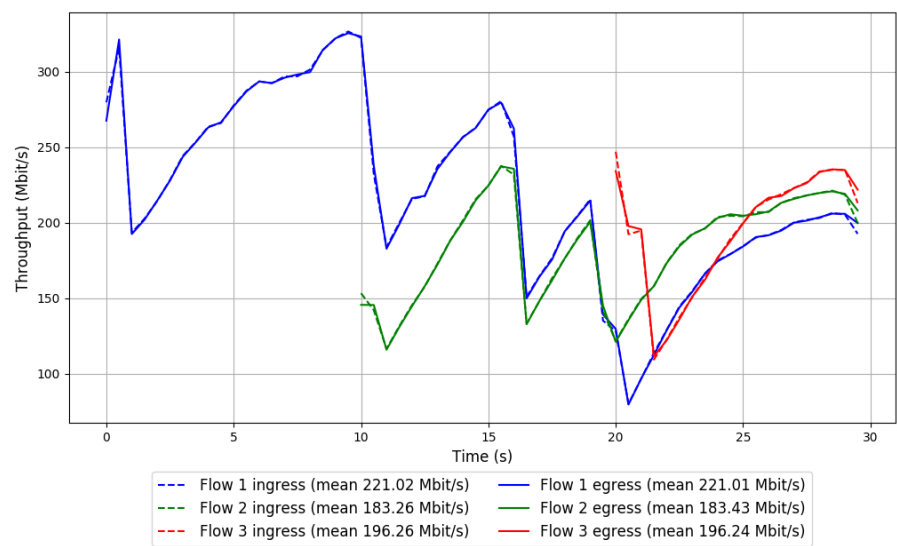
-- Flow 3:

Average throughput: 196.24 Mbit/s

95th percentile per-packet one-way delay: 19.582 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 02:29:05 +0000

End at: Tue, 01 Aug 2017 02:29:35 +0000

Local clock offset: 0.641 ms

Remote clock offset: -1.351 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:27:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 531.04 Mbit/s

95th percentile per-packet one-way delay: 20.523 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 316.94 Mbit/s

95th percentile per-packet one-way delay: 20.271 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 204.30 Mbit/s

95th percentile per-packet one-way delay: 20.769 ms

Loss rate: 0.00%

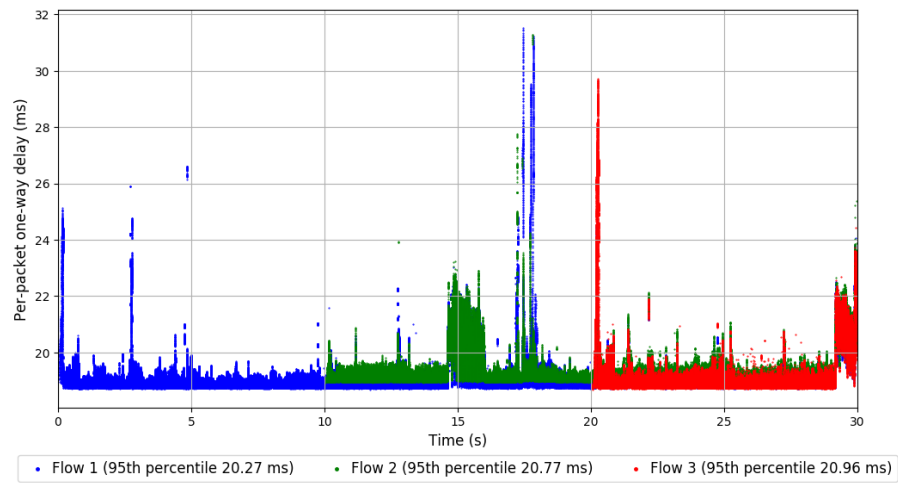
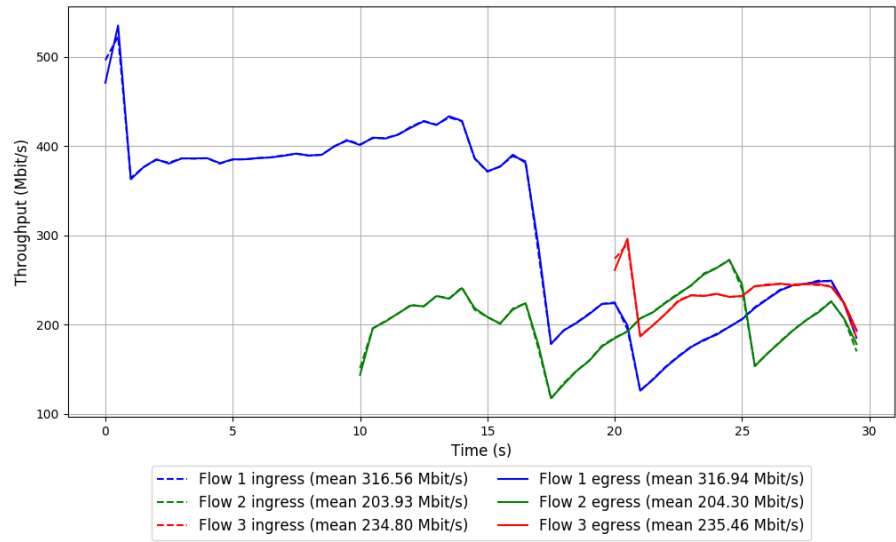
-- Flow 3:

Average throughput: 235.46 Mbit/s

95th percentile per-packet one-way delay: 20.963 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

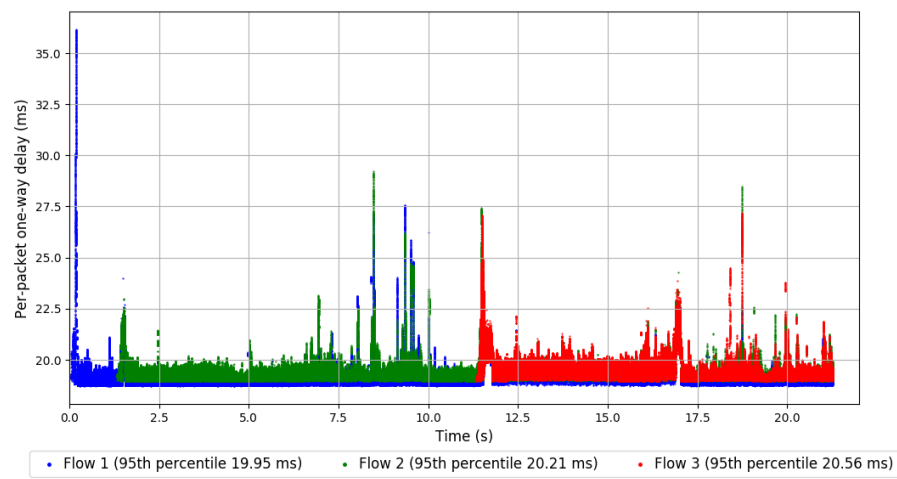
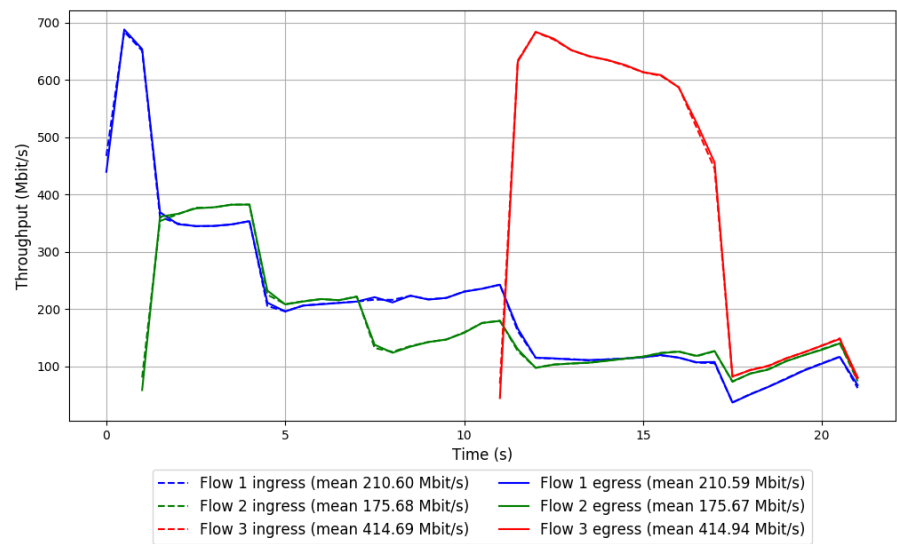
Start at: Tue, 01 Aug 2017 02:50:44 +0000

End at: Tue, 01 Aug 2017 02:51:14 +0000

Local clock offset: 0.315 ms

Remote clock offset: -1.342 ms

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Mon, 31 Jul 2017 23:54:45 +0000

End at: Mon, 31 Jul 2017 23:55:15 +0000

Local clock offset: 0.486 ms

Remote clock offset: -1.681 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:28:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 243.41 Mbit/s

95th percentile per-packet one-way delay: 22.391 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 150.80 Mbit/s

95th percentile per-packet one-way delay: 22.724 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 22.212 ms

Loss rate: 0.01%

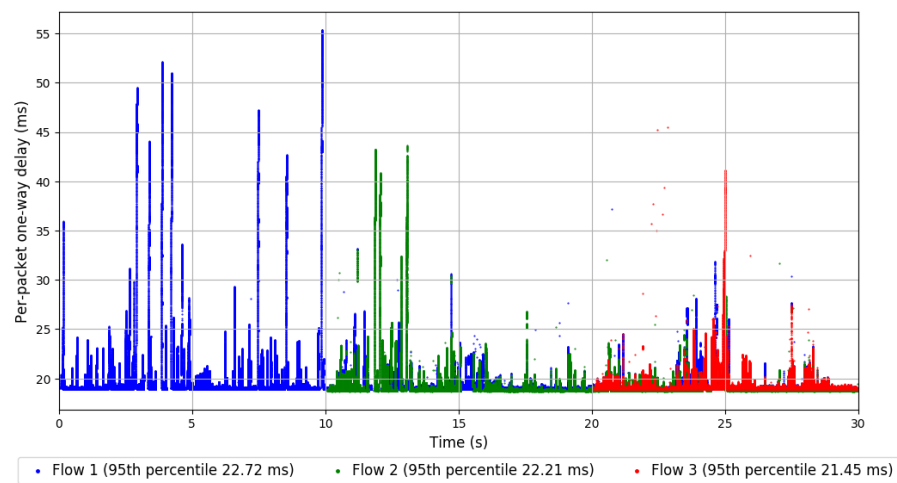
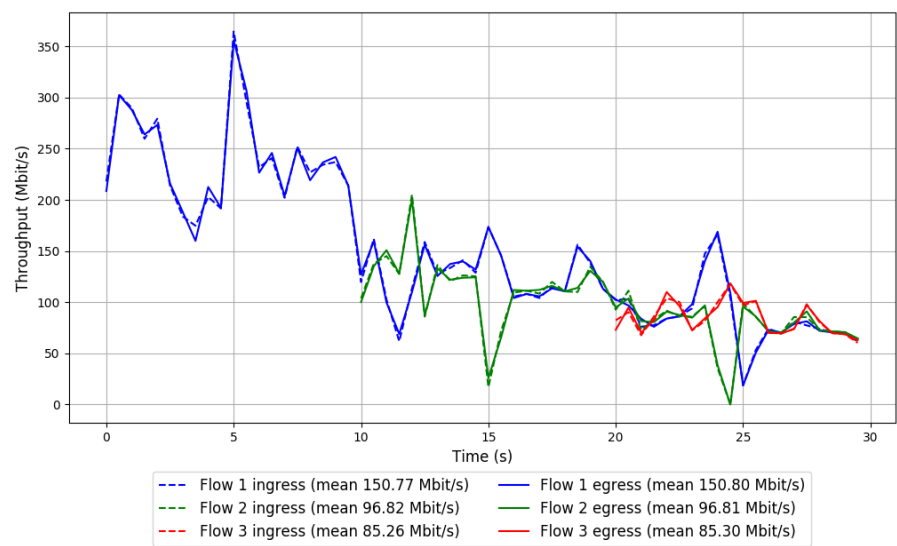
-- Flow 3:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 21.453 ms

Loss rate: 0.02%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:16:01 +0000

End at: Tue, 01 Aug 2017 00:16:32 +0000

Local clock offset: 0.751 ms

Remote clock offset: -1.191 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:28:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 235.94 Mbit/s

95th percentile per-packet one-way delay: 23.494 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 149.82 Mbit/s

95th percentile per-packet one-way delay: 24.543 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 95.42 Mbit/s

95th percentile per-packet one-way delay: 22.042 ms

Loss rate: 0.01%

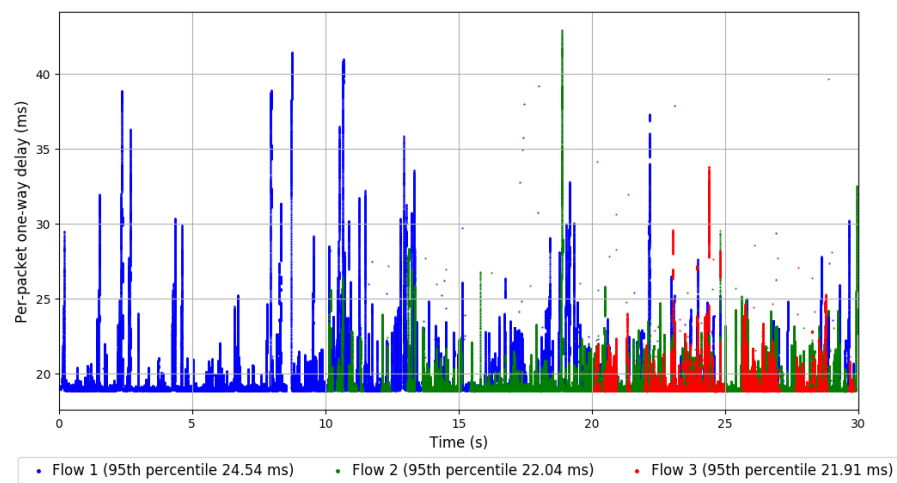
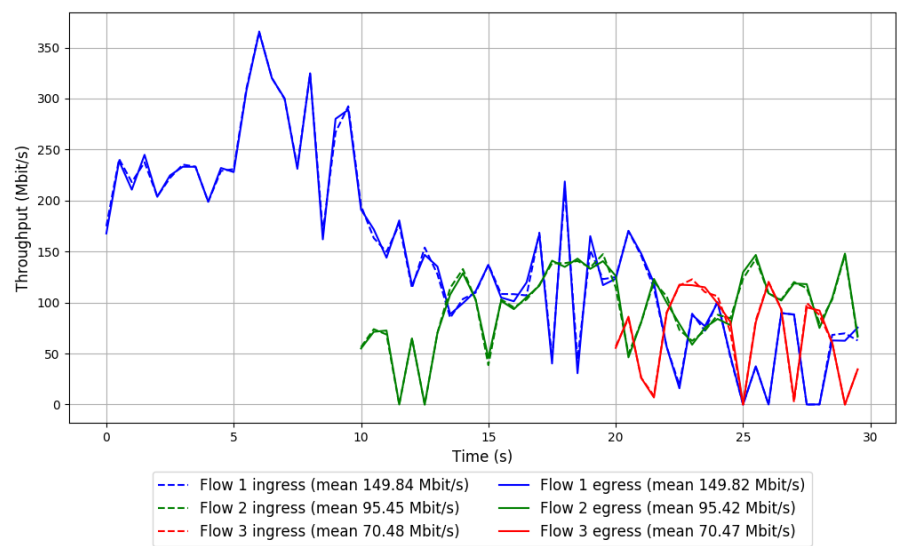
-- Flow 3:

Average throughput: 70.47 Mbit/s

95th percentile per-packet one-way delay: 21.908 ms

Loss rate: 0.01%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:36:42 +0000

End at: Tue, 01 Aug 2017 00:37:12 +0000

Local clock offset: 0.893 ms

Remote clock offset: -0.685 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:28:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 222.38 Mbit/s

95th percentile per-packet one-way delay: 20.921 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 145.95 Mbit/s

95th percentile per-packet one-way delay: 20.263 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 81.08 Mbit/s

95th percentile per-packet one-way delay: 23.869 ms

Loss rate: 0.00%

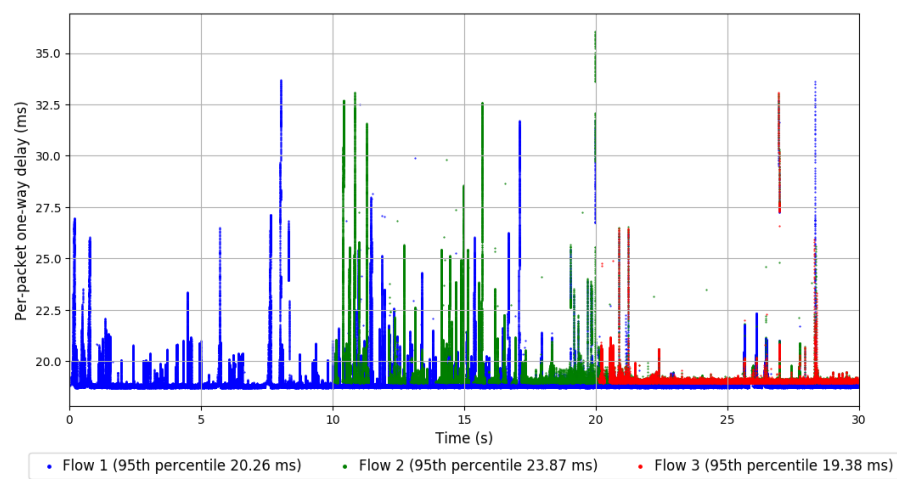
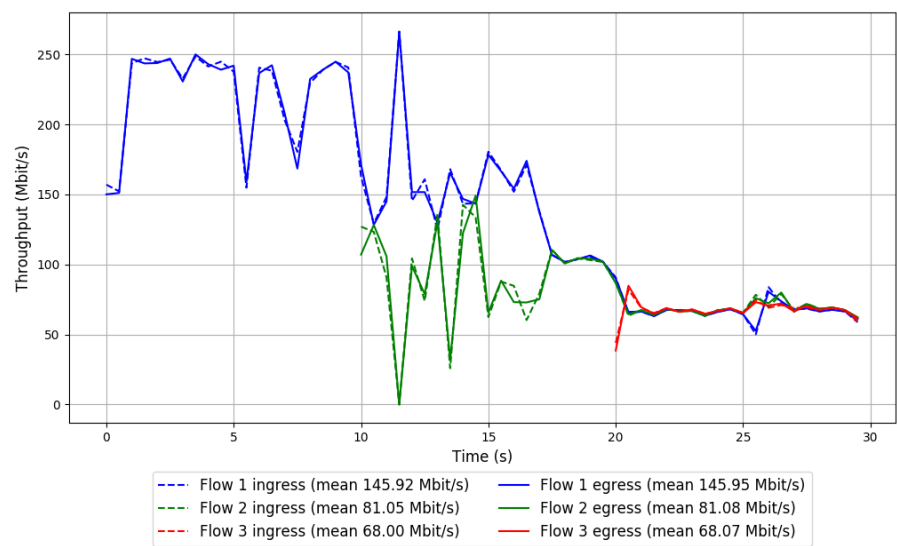
-- Flow 3:

Average throughput: 68.07 Mbit/s

95th percentile per-packet one-way delay: 19.381 ms

Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:57:00 +0000

End at: Tue, 01 Aug 2017 00:57:30 +0000

Local clock offset: 0.83 ms

Remote clock offset: -0.784 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:28:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 208.19 Mbit/s

95th percentile per-packet one-way delay: 22.994 ms

Loss rate: 0.56%

-- Flow 1:

Average throughput: 129.08 Mbit/s

95th percentile per-packet one-way delay: 24.871 ms

Loss rate: 0.60%

-- Flow 2:

Average throughput: 86.99 Mbit/s

95th percentile per-packet one-way delay: 21.529 ms

Loss rate: 0.46%

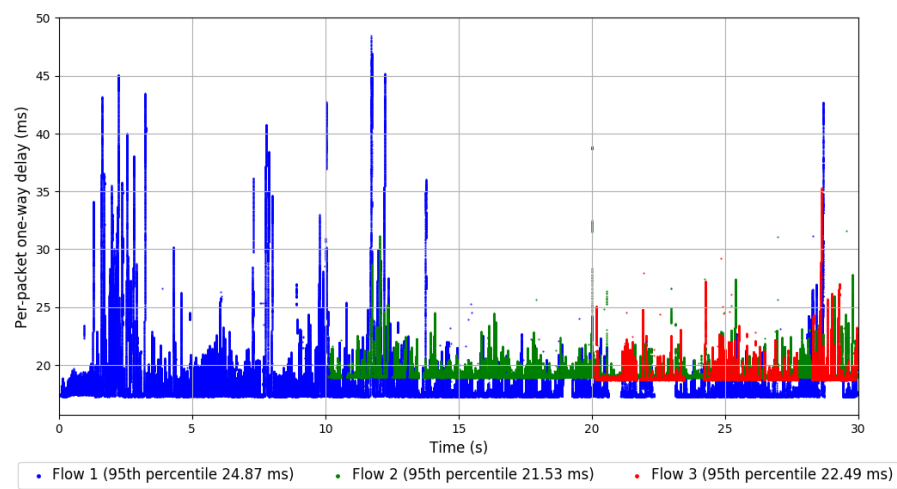
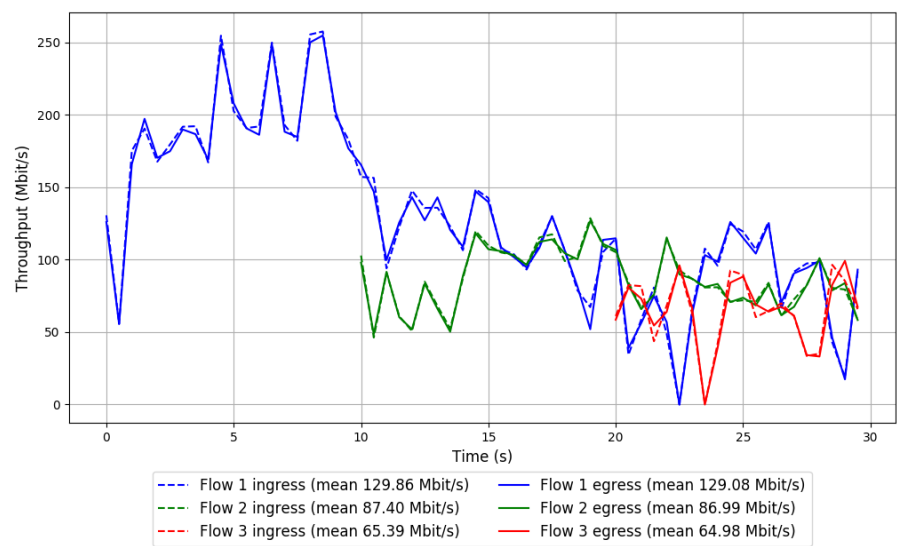
-- Flow 3:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 22.490 ms

Loss rate: 0.60%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Tue, 01 Aug 2017 01:17:25 +0000

End at: Tue, 01 Aug 2017 01:17:55 +0000

Local clock offset: 0.887 ms

Remote clock offset: -0.617 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:29:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 237.81 Mbit/s

95th percentile per-packet one-way delay: 26.744 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 148.44 Mbit/s

95th percentile per-packet one-way delay: 31.197 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 109.54 Mbit/s

95th percentile per-packet one-way delay: 22.666 ms

Loss rate: 0.24%

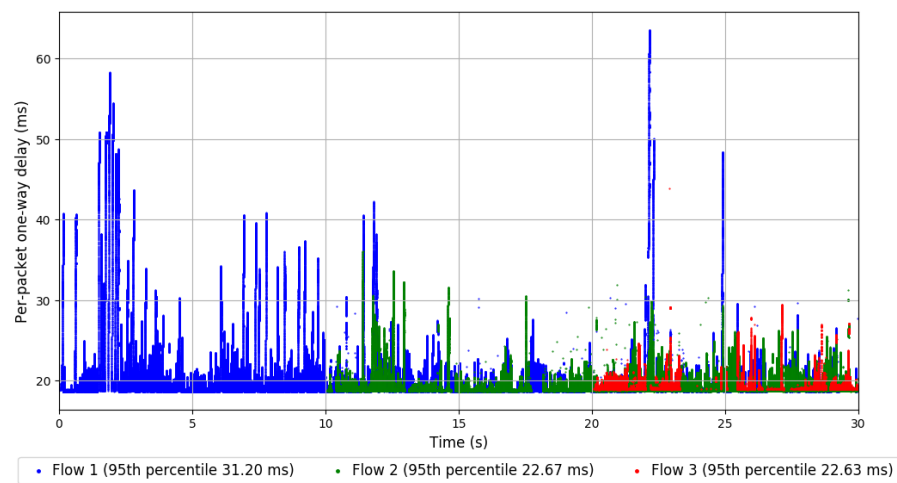
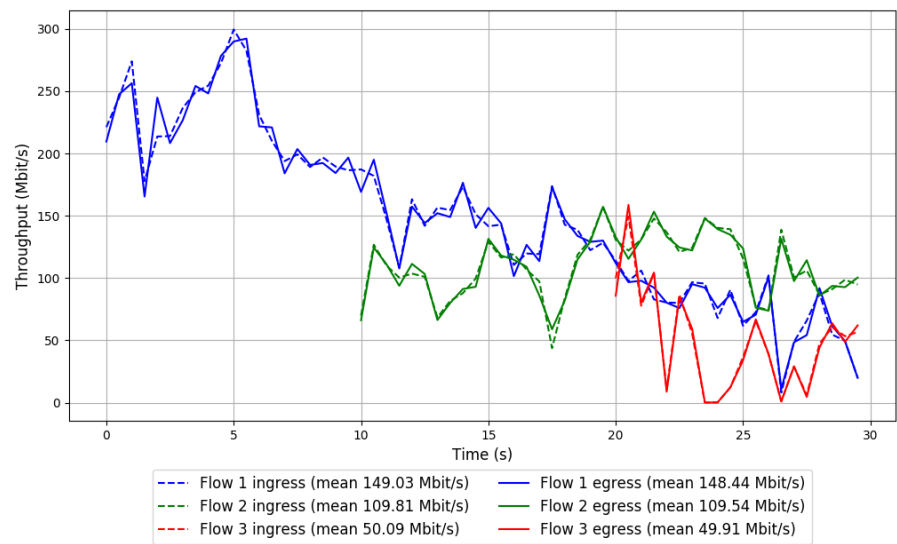
-- Flow 3:

Average throughput: 49.91 Mbit/s

95th percentile per-packet one-way delay: 22.631 ms

Loss rate: 0.36%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 01 Aug 2017 01:38:13 +0000

End at: Tue, 01 Aug 2017 01:38:43 +0000

Local clock offset: 0.88 ms

Remote clock offset: -0.927 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:29:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 232.99 Mbit/s

95th percentile per-packet one-way delay: 21.340 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 139.11 Mbit/s

95th percentile per-packet one-way delay: 21.684 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 106.72 Mbit/s

95th percentile per-packet one-way delay: 20.981 ms

Loss rate: 0.12%

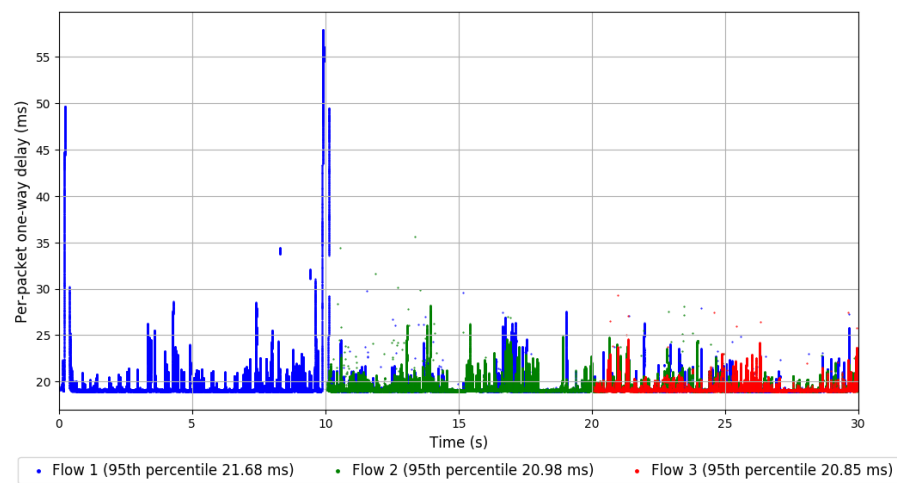
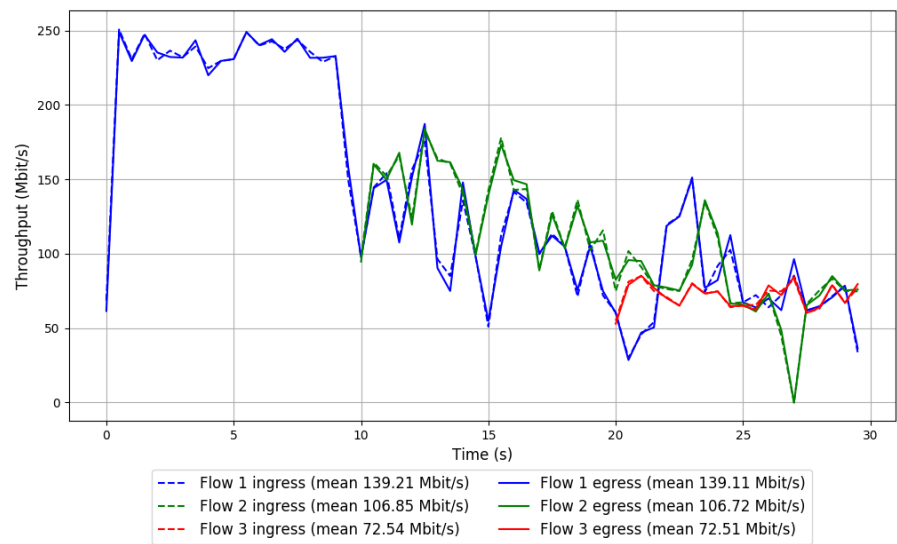
-- Flow 3:

Average throughput: 72.51 Mbit/s

95th percentile per-packet one-way delay: 20.847 ms

Loss rate: 0.05%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 01 Aug 2017 01:59:14 +0000

End at: Tue, 01 Aug 2017 01:59:44 +0000

Local clock offset: 0.961 ms

Remote clock offset: -1.192 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:29:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 203.56 Mbit/s

95th percentile per-packet one-way delay: 26.575 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 138.30 Mbit/s

95th percentile per-packet one-way delay: 25.272 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 37.631 ms

Loss rate: 0.00%

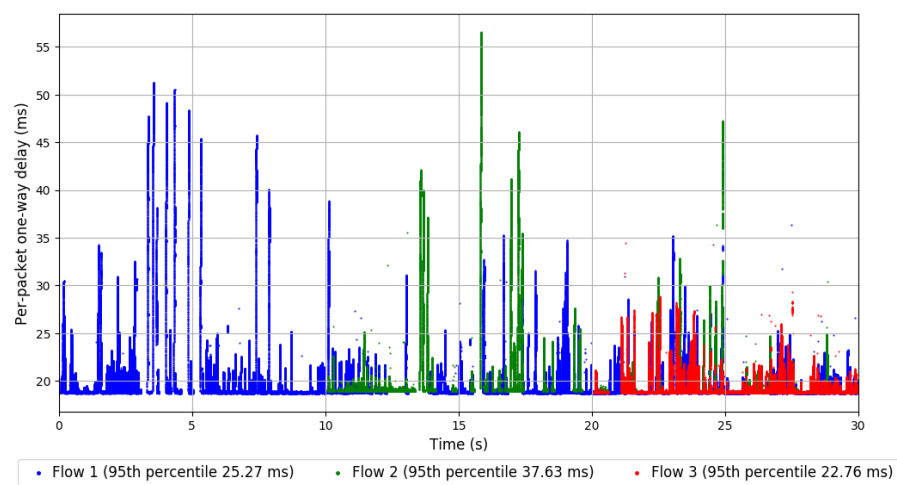
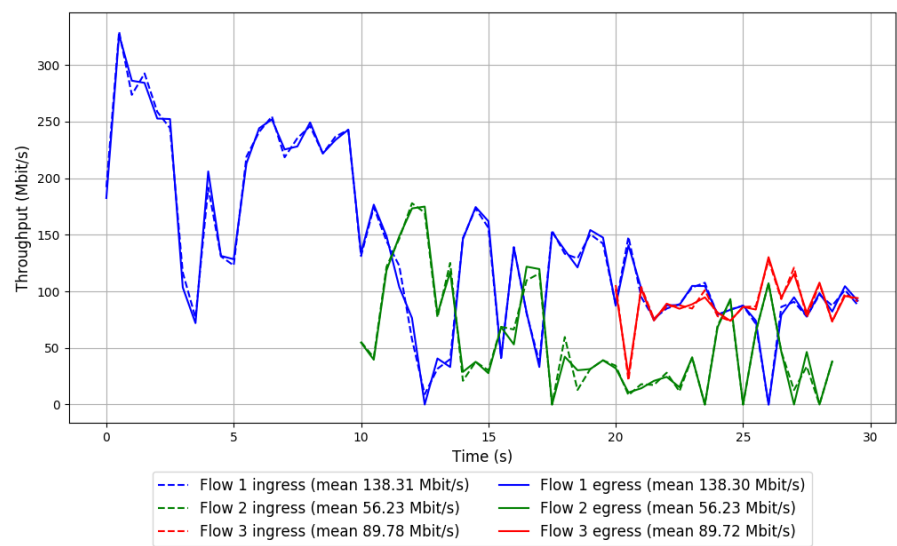
-- Flow 3:

Average throughput: 89.72 Mbit/s

95th percentile per-packet one-way delay: 22.757 ms

Loss rate: 0.05%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Tue, 01 Aug 2017 02:20:23 +0000

End at: Tue, 01 Aug 2017 02:20:53 +0000

Local clock offset: 0.771 ms

Remote clock offset: -1.157 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 232.28 Mbit/s

95th percentile per-packet one-way delay: 29.551 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 136.06 Mbit/s

95th percentile per-packet one-way delay: 37.598 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 107.29 Mbit/s

95th percentile per-packet one-way delay: 23.416 ms

Loss rate: 0.00%

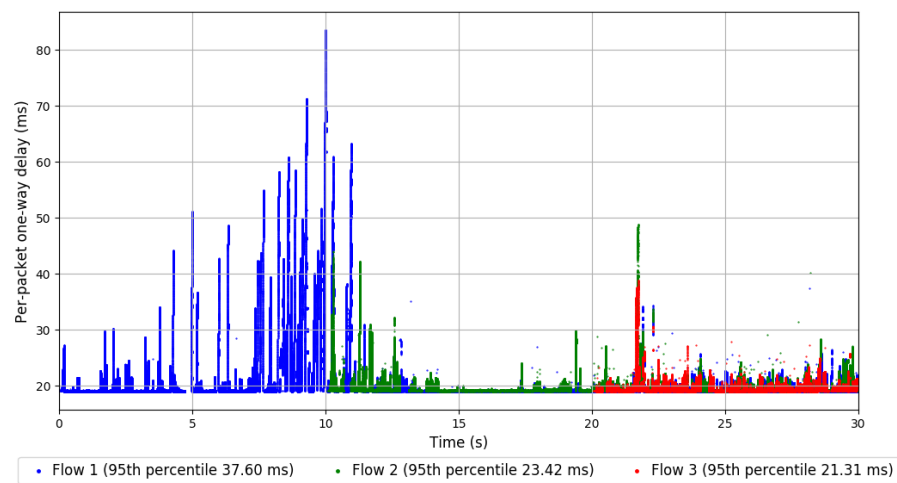
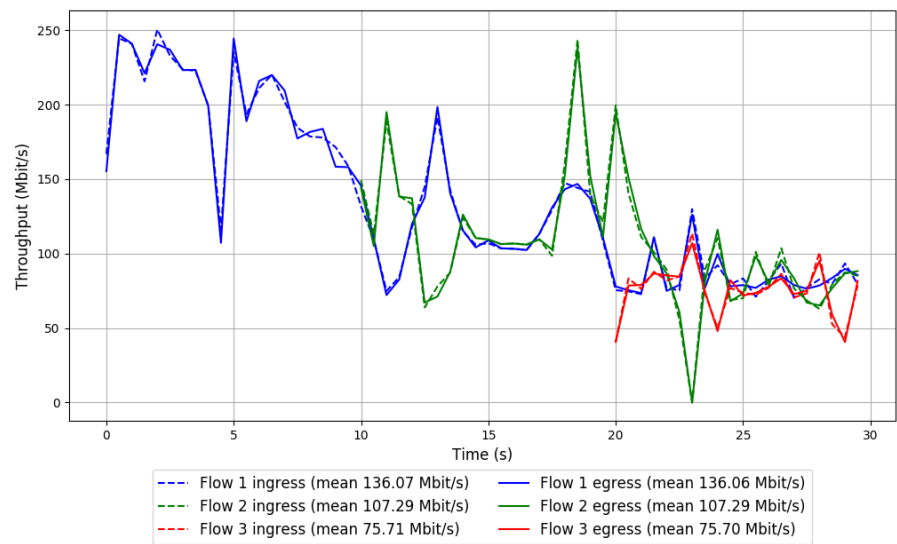
-- Flow 3:

Average throughput: 75.70 Mbit/s

95th percentile per-packet one-way delay: 21.314 ms

Loss rate: 0.01%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Tue, 01 Aug 2017 02:42:02 +0000

End at: Tue, 01 Aug 2017 02:42:32 +0000

Local clock offset: 0.537 ms

Remote clock offset: -1.46 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 231.58 Mbit/s

95th percentile per-packet one-way delay: 26.595 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 138.85 Mbit/s

95th percentile per-packet one-way delay: 26.420 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 92.27 Mbit/s

95th percentile per-packet one-way delay: 29.261 ms

Loss rate: 0.01%

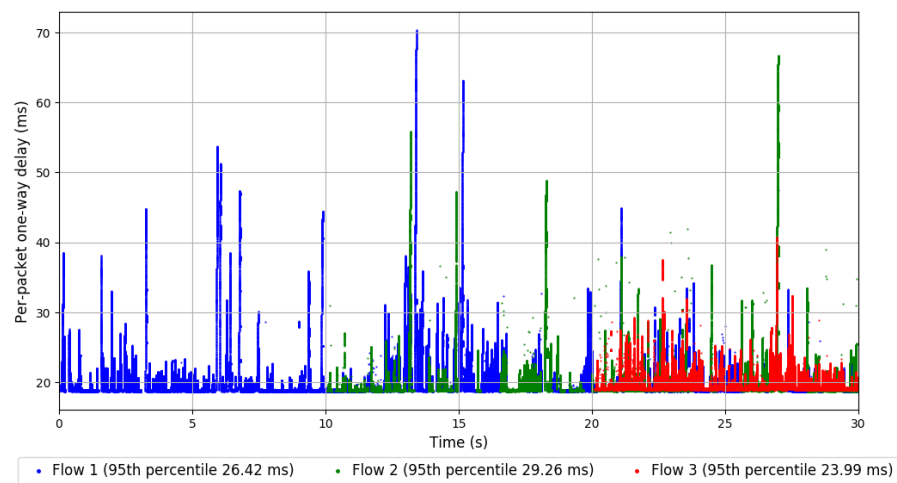
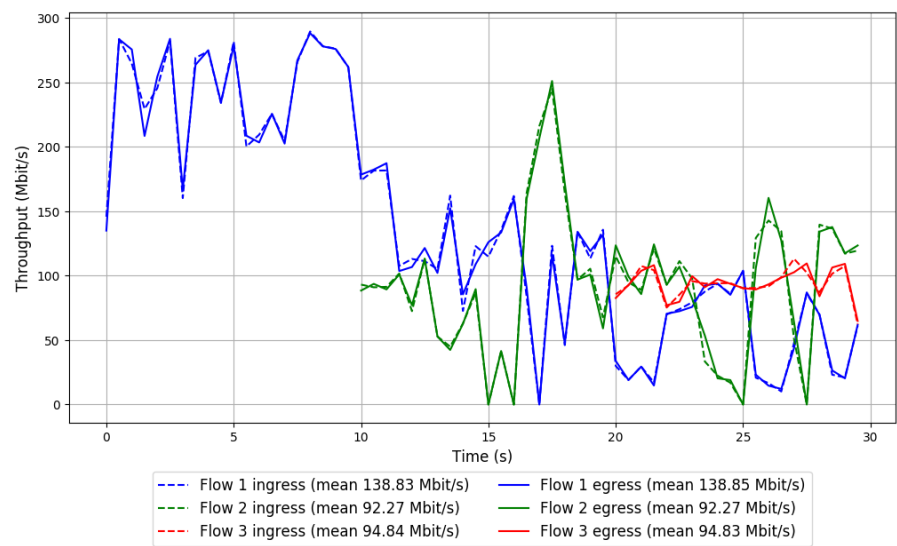
-- Flow 3:

Average throughput: 94.83 Mbit/s

95th percentile per-packet one-way delay: 23.994 ms

Loss rate: 0.00%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 01 Aug 2017 03:03:04 +0000

End at: Tue, 01 Aug 2017 03:03:34 +0000

Local clock offset: 0.117 ms

Remote clock offset: -1.301 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 216.84 Mbit/s

95th percentile per-packet one-way delay: 20.721 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 130.58 Mbit/s

95th percentile per-packet one-way delay: 21.095 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 20.487 ms

Loss rate: 0.02%

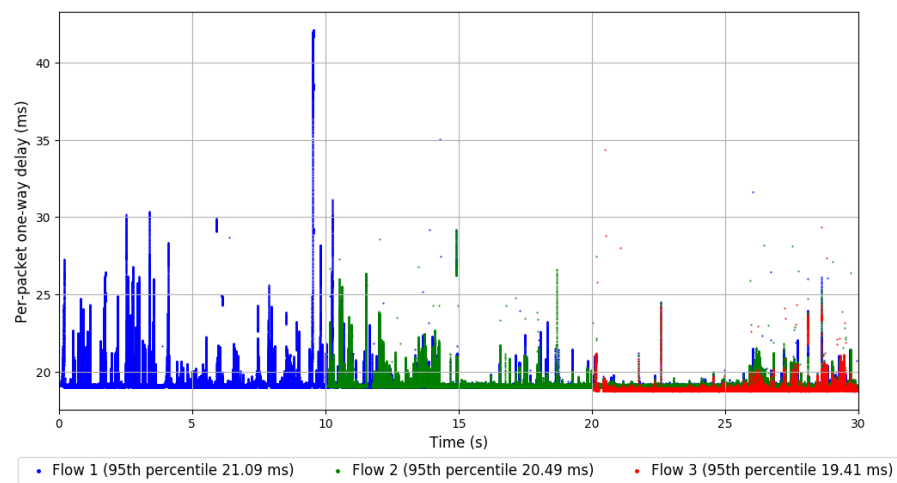
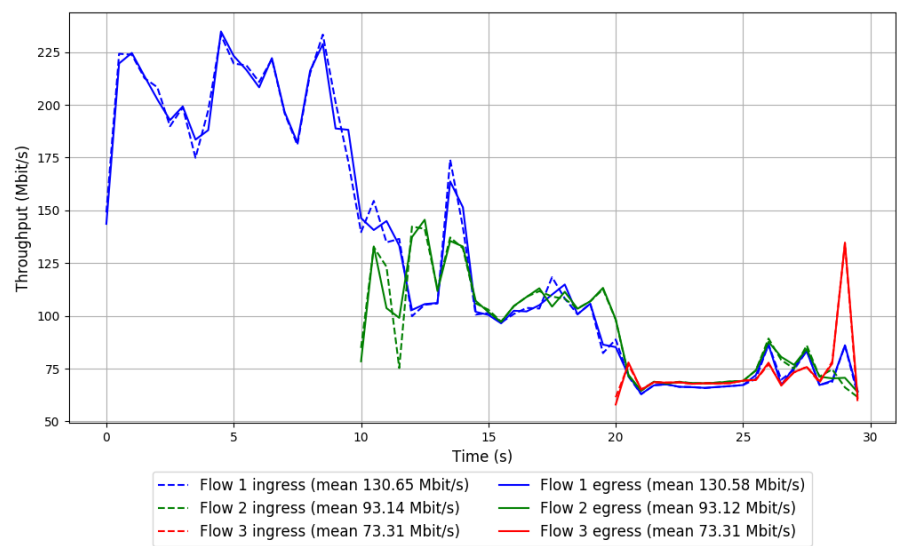
-- Flow 3:

Average throughput: 73.31 Mbit/s

95th percentile per-packet one-way delay: 19.412 ms

Loss rate: 0.00%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:50:37 +0000

End at: Mon, 31 Jul 2017 23:51:07 +0000

Local clock offset: 0.466 ms

Remote clock offset: -1.715 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 19.473 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 19.570 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 19.219 ms

Loss rate: 0.00%

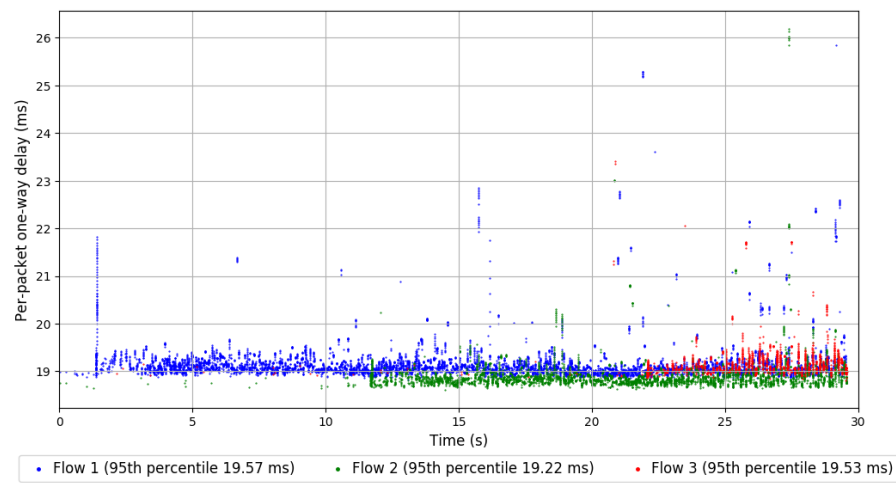
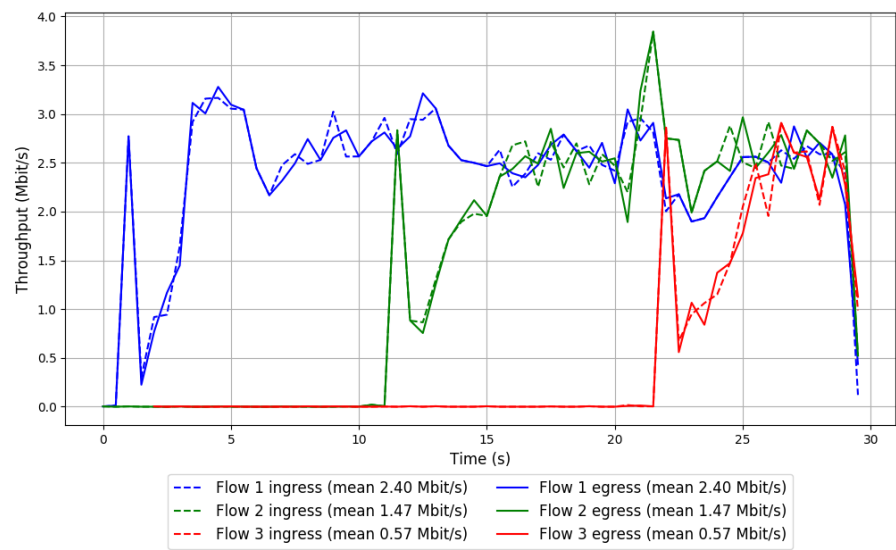
-- Flow 3:

Average throughput: 0.57 Mbit/s

95th percentile per-packet one-way delay: 19.533 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:11:31 +0000

End at: Tue, 01 Aug 2017 00:12:01 +0000

Local clock offset: 0.624 ms

Remote clock offset: -1.351 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.35 Mbit/s

95th percentile per-packet one-way delay: 19.499 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 19.301 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: 19.600 ms

Loss rate: 0.00%

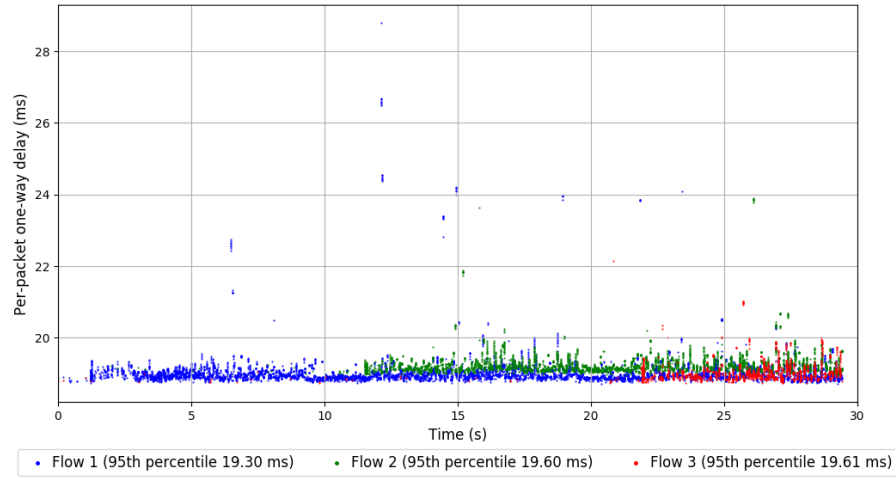
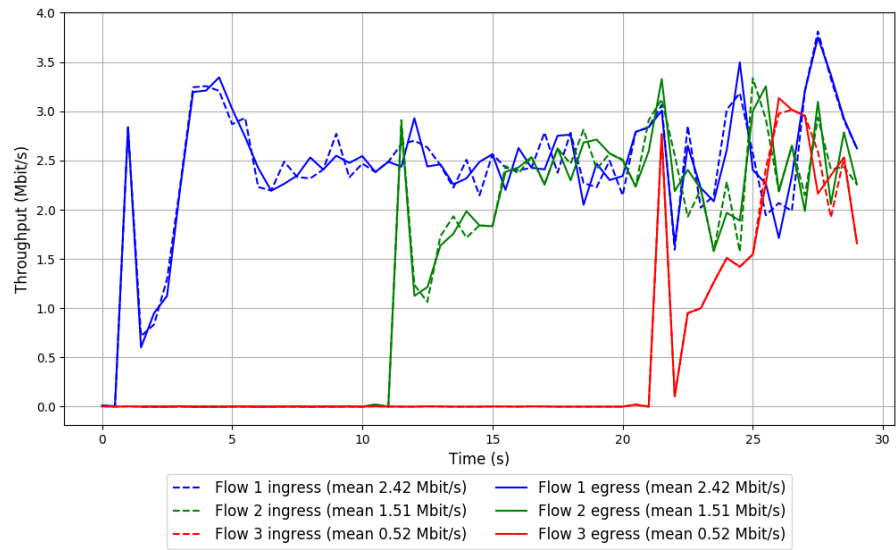
-- Flow 3:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 19.606 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:32:27 +0000

End at: Tue, 01 Aug 2017 00:32:57 +0000

Local clock offset: 0.808 ms

Remote clock offset: -0.753 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.58 Mbit/s

95th percentile per-packet one-way delay: 19.333 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.64 Mbit/s

95th percentile per-packet one-way delay: 19.219 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 1.50 Mbit/s

95th percentile per-packet one-way delay: 19.393 ms

Loss rate: 0.00%

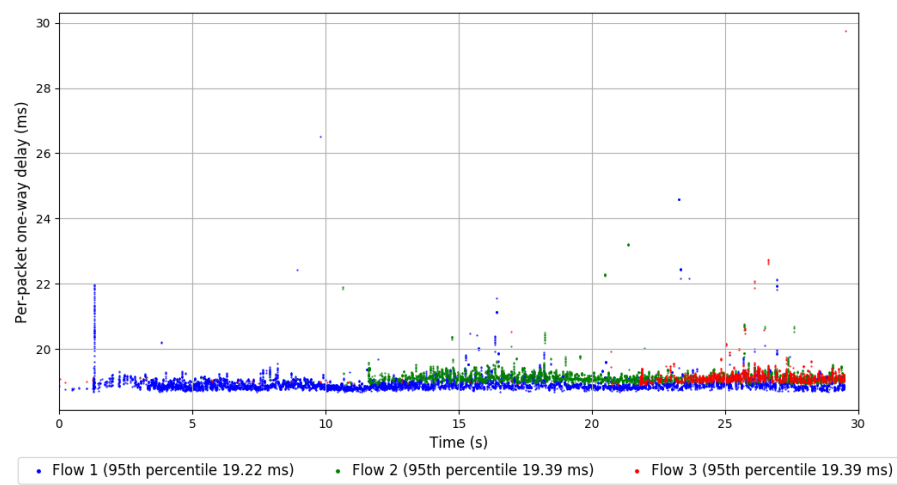
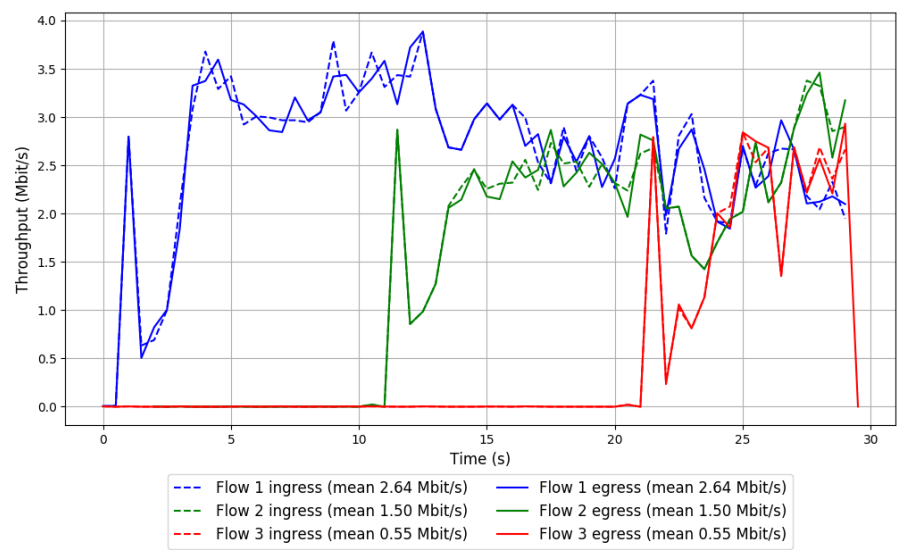
-- Flow 3:

Average throughput: 0.55 Mbit/s

95th percentile per-packet one-way delay: 19.394 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:52:58 +0000

End at: Tue, 01 Aug 2017 00:53:28 +0000

Local clock offset: 0.923 ms

Remote clock offset: -0.766 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 5.06 Mbit/s

95th percentile per-packet one-way delay: 19.447 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 2.83 Mbit/s

95th percentile per-packet one-way delay: 19.256 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 19.551 ms

Loss rate: 0.16%

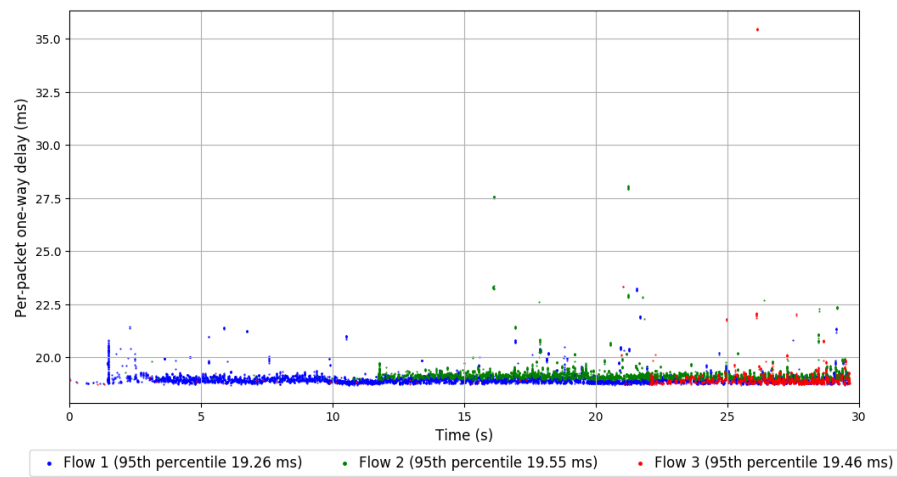
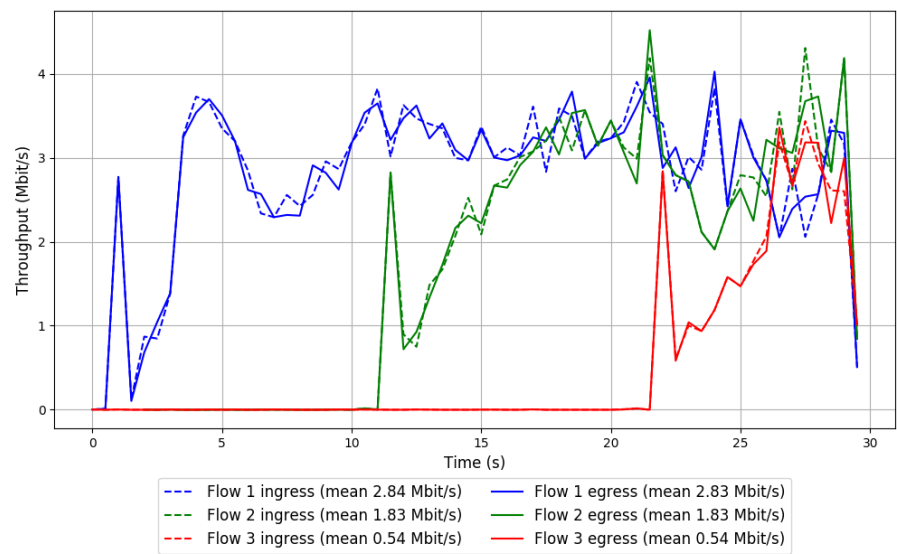
-- Flow 3:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 19.459 ms

Loss rate: 0.18%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:13:03 +0000

End at: Tue, 01 Aug 2017 01:13:33 +0000

Local clock offset: 0.883 ms

Remote clock offset: -0.609 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 5.27 Mbit/s

95th percentile per-packet one-way delay: 19.434 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 3.01 Mbit/s

95th percentile per-packet one-way delay: 19.290 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 1.77 Mbit/s

95th percentile per-packet one-way delay: 19.576 ms

Loss rate: 0.35%

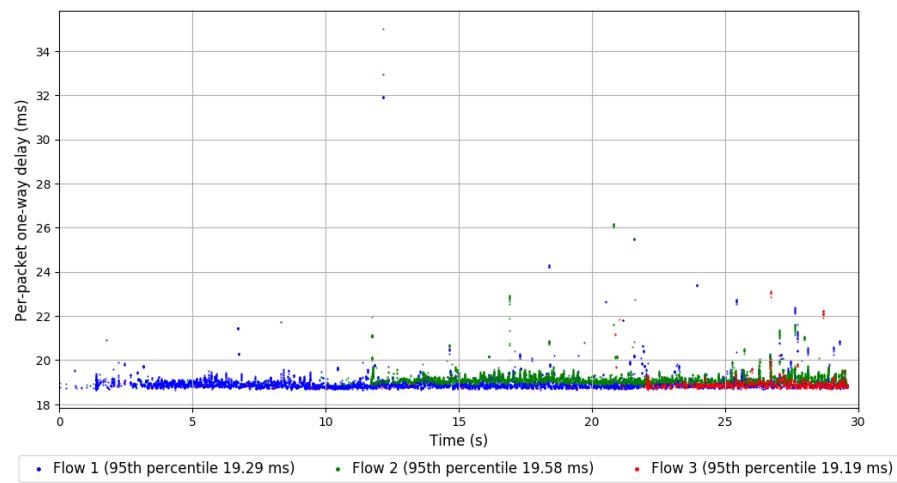
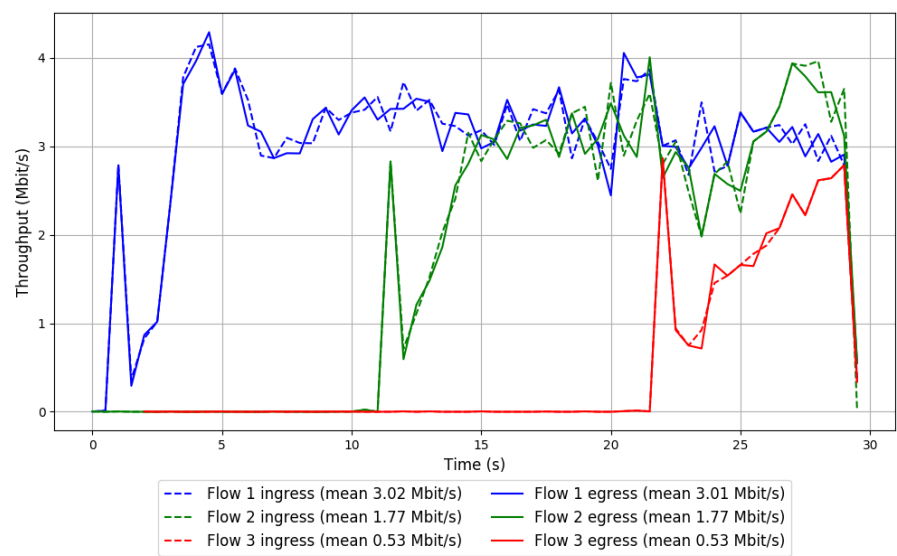
-- Flow 3:

Average throughput: 0.53 Mbit/s

95th percentile per-packet one-way delay: 19.186 ms

Loss rate: 0.07%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:33:50 +0000

End at: Tue, 01 Aug 2017 01:34:20 +0000

Local clock offset: 0.877 ms

Remote clock offset: -0.845 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 19.275 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 19.230 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: 17.917 ms

Loss rate: 0.00%

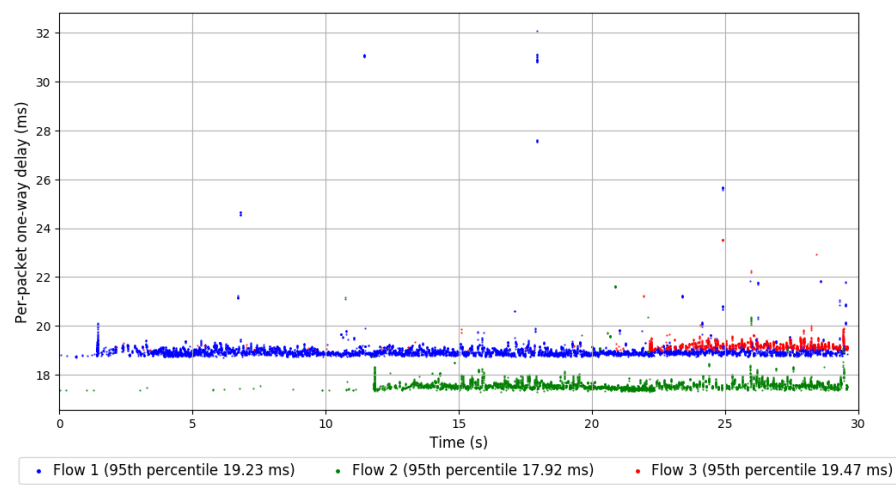
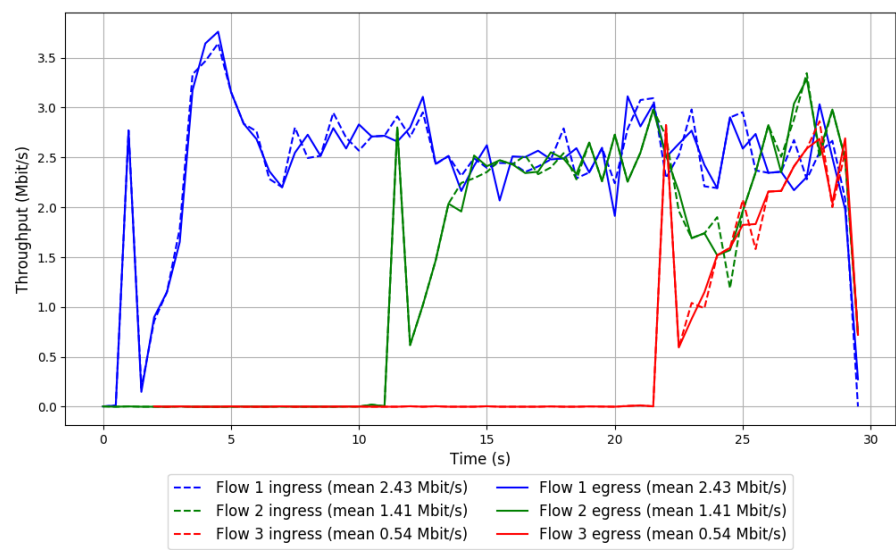
-- Flow 3:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 19.474 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:54:48 +0000

End at: Tue, 01 Aug 2017 01:55:18 +0000

Local clock offset: 0.97 ms

Remote clock offset: -1.176 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.30 Mbit/s

95th percentile per-packet one-way delay: 19.473 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.50 Mbit/s

95th percentile per-packet one-way delay: 19.311 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: 19.617 ms

Loss rate: 0.00%

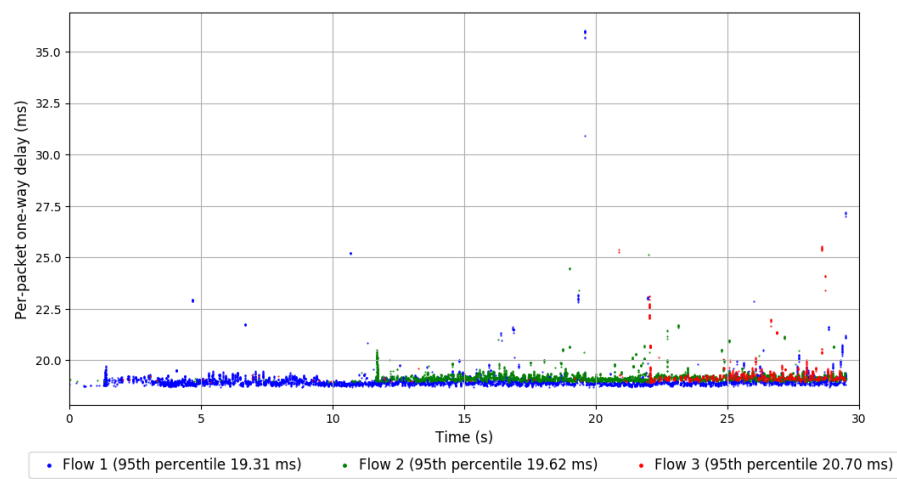
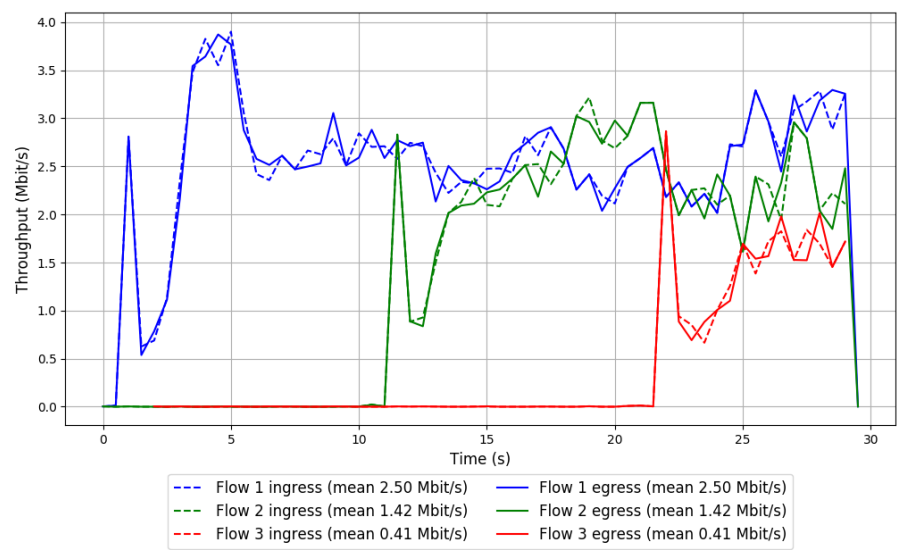
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 20.697 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 02:16:17 +0000

End at: Tue, 01 Aug 2017 02:16:47 +0000

Local clock offset: 0.699 ms

Remote clock offset: -1.234 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 19.413 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 20.556 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.46 Mbit/s

95th percentile per-packet one-way delay: 19.303 ms

Loss rate: 0.00%

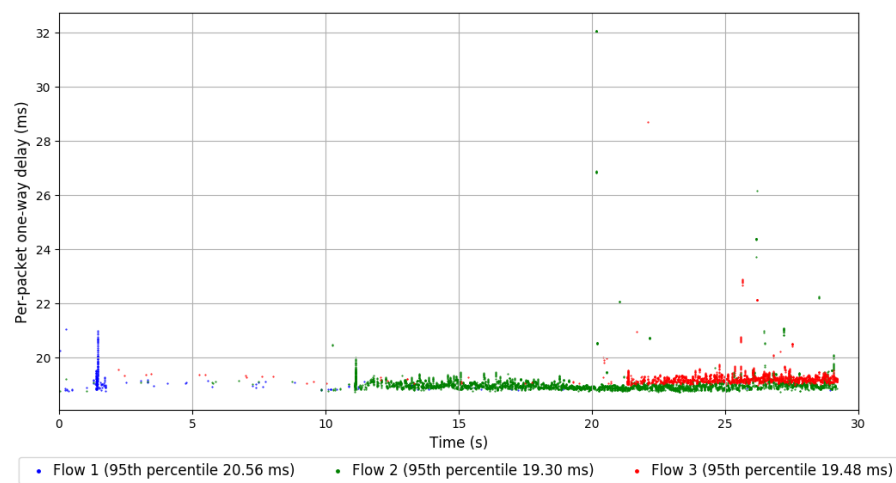
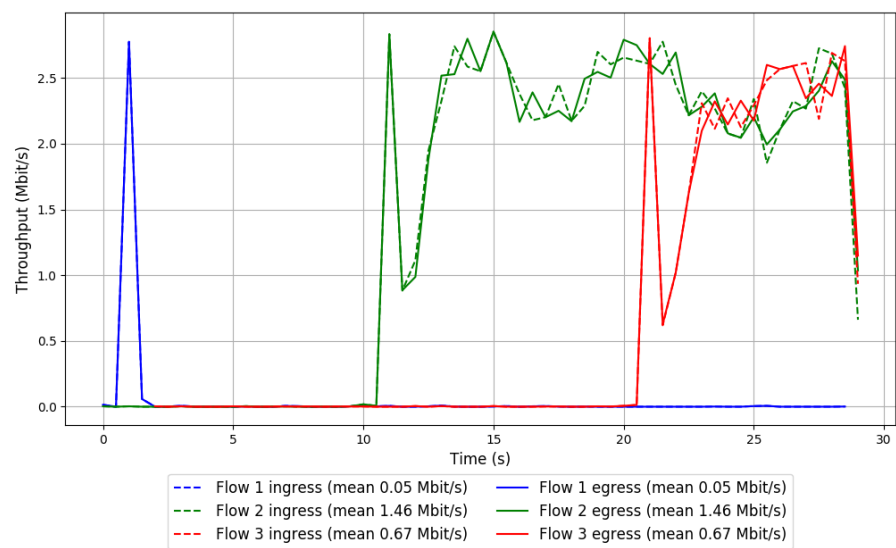
-- Flow 3:

Average throughput: 0.67 Mbit/s

95th percentile per-packet one-way delay: 19.477 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 02:37:32 +0000

End at: Tue, 01 Aug 2017 02:38:02 +0000

Local clock offset: 0.601 ms

Remote clock offset: -1.396 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 19.549 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 20.114 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: 19.543 ms

Loss rate: 0.00%

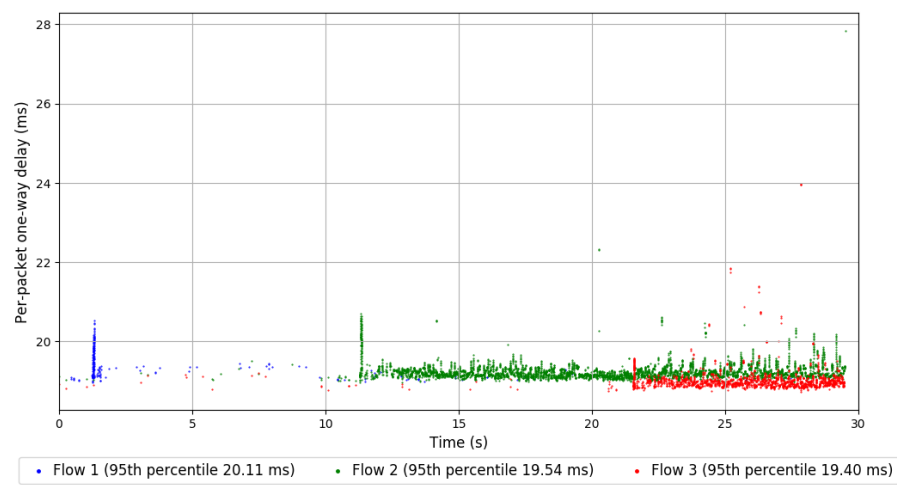
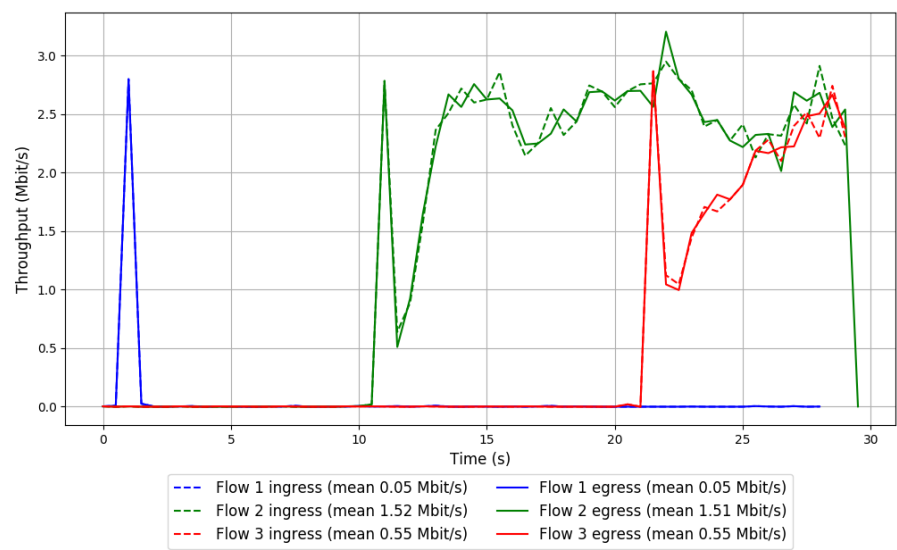
-- Flow 3:

Average throughput: 0.55 Mbit/s

95th percentile per-packet one-way delay: 19.398 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 02:59:00 +0000

End at: Tue, 01 Aug 2017 02:59:30 +0000

Local clock offset: 0.276 ms

Remote clock offset: -1.368 ms

Below is generated by plot.py at Tue, 01 Aug 2017 09:30:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.26 Mbit/s

95th percentile per-packet one-way delay: 19.343 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 19.181 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: 19.517 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 19.141 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

