

## Pantheon Report

Generated at 2017-09-18 09:48:11 (UTC).

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

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.

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

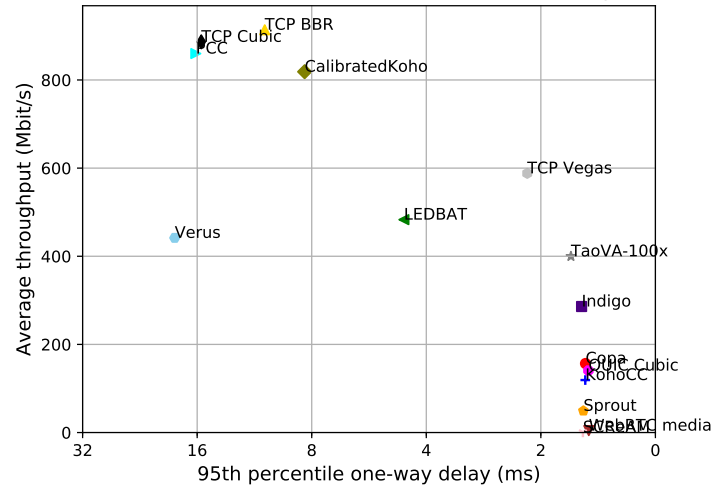
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

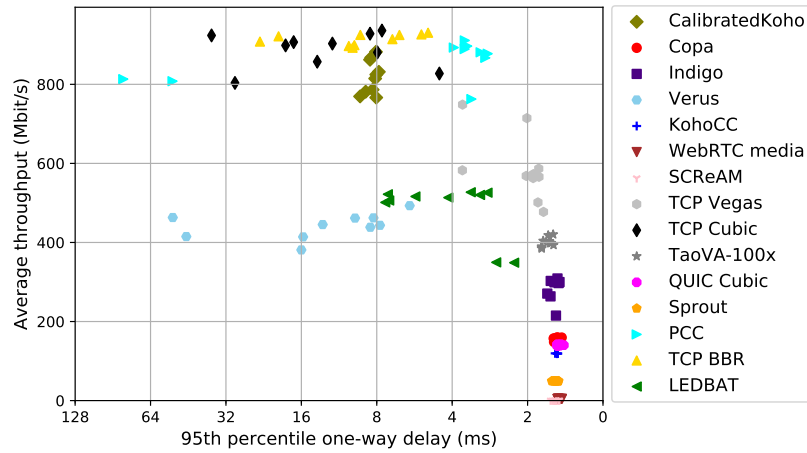
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Stanford Ethernet to AWS California 1 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	548.78	387.90	323.31	11.53	10.60	4.94	0.04	0.10	0.25
CalibratedKoho	10	465.94	376.23	309.69	8.57	7.86	5.81	0.06	0.10	0.26
Copa	10	82.65	81.82	76.44	1.21	1.22	1.23	0.06	0.09	0.15
TCP Cubic	10	516.05	397.81	319.35	16.52	6.77	4.54	0.05	0.09	0.24
Indigo	10	150.78	157.85	93.31	1.27	1.31	1.31	0.06	0.09	0.22
KohoCC	4	59.90	59.72	59.28	1.22	1.23	1.23	0.07	0.10	0.21
LEDBAT	10	241.70	260.79	182.48	871.61	4.02	2.61	0.03	0.11	0.24
PCC	10	590.90	319.21	173.64	18.04	3.21	3.27	0.19	0.09	0.23
QUIC Cubic	10	75.13	69.74	58.36	1.16	1.17	1.19	0.05	0.10	0.21
SCReAM	10	0.22	0.22	0.22	1.26	1.26	1.27	0.00	0.00	0.35
Sprout	10	24.85	24.72	24.51	1.25	1.26	1.26	0.10	0.12	0.13
TaoVA-100x	10	225.87	207.12	145.86	1.30	1.62	2.03	0.05	0.09	0.27
TCP Vegas	10	280.21	314.50	297.96	2.01	2.25	2.24	0.06	0.09	0.22
Verus	10	266.69	199.83	127.58	21.92	8.82	11.03	0.22	0.08	0.26
WebRTC media	10	2.38	1.46	0.57	1.16	1.16	1.18	0.04	0.16	0.19

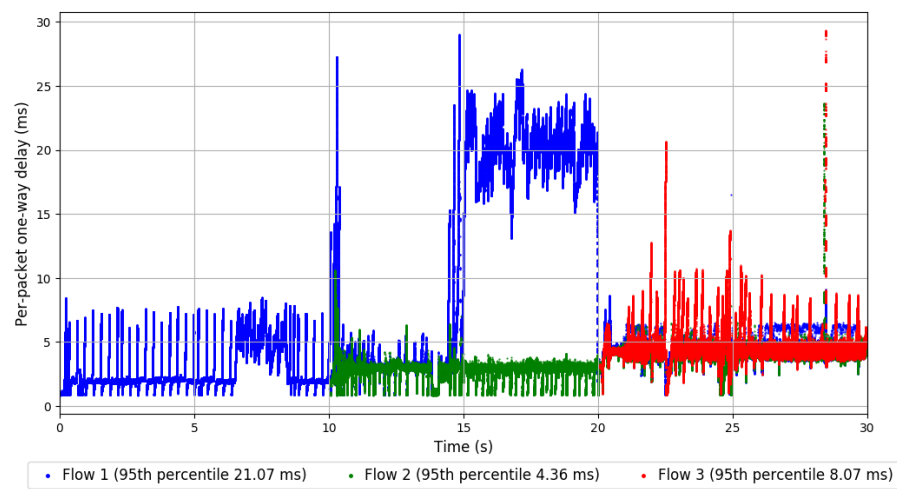
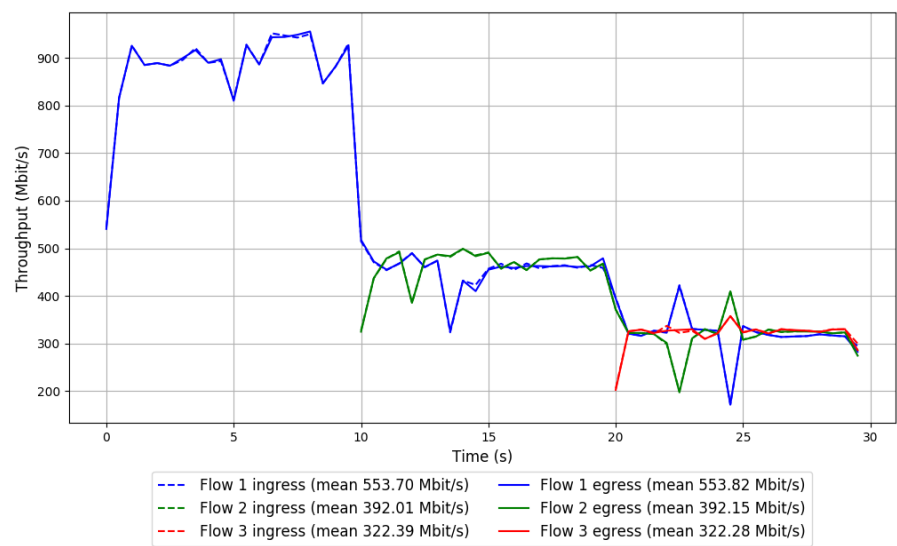
Run 1: Statistics of TCP BBR

Start at: 2017-09-17 23:32:35  
End at: 2017-09-17 23:33:05  
Local clock offset: -0.371 ms  
Remote clock offset: -3.136 ms

# Below is generated by plot.py at 2017-09-18 08:02:11  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 921.46 Mbit/s  
95th percentile per-packet one-way delay: 19.730 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 553.82 Mbit/s  
95th percentile per-packet one-way delay: 21.070 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 392.15 Mbit/s  
95th percentile per-packet one-way delay: 4.362 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 322.28 Mbit/s  
95th percentile per-packet one-way delay: 8.068 ms  
Loss rate: 0.26%



Run 1: Report of TCP BBR — Data Link

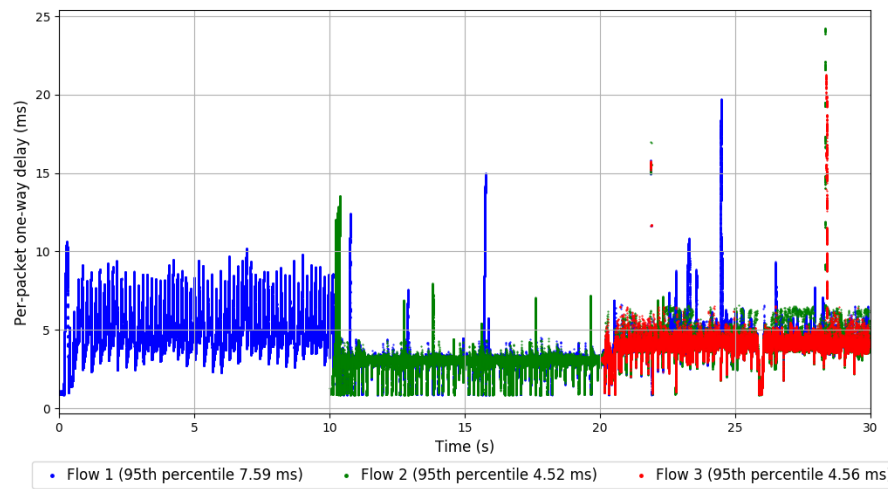
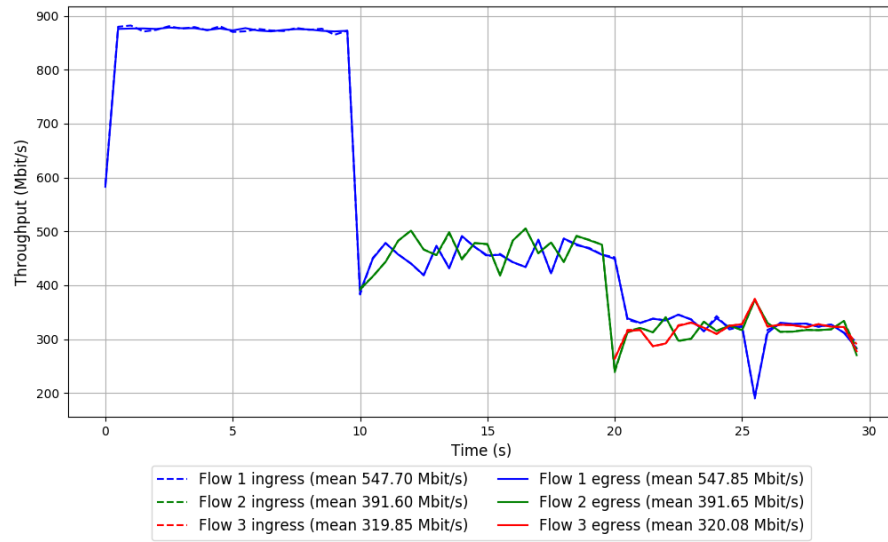


Run 2: Statistics of TCP BBR

Start at: 2017-09-17 23:55:15  
End at: 2017-09-17 23:55:45  
Local clock offset: -0.889 ms  
Remote clock offset: -2.581 ms

# Below is generated by plot.py at 2017-09-18 08:02:11  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 914.31 Mbit/s  
95th percentile per-packet one-way delay: 6.929 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 547.85 Mbit/s  
95th percentile per-packet one-way delay: 7.594 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 391.65 Mbit/s  
95th percentile per-packet one-way delay: 4.523 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 320.08 Mbit/s  
95th percentile per-packet one-way delay: 4.560 ms  
Loss rate: 0.25%

## Run 2: Report of TCP BBR — Data Link

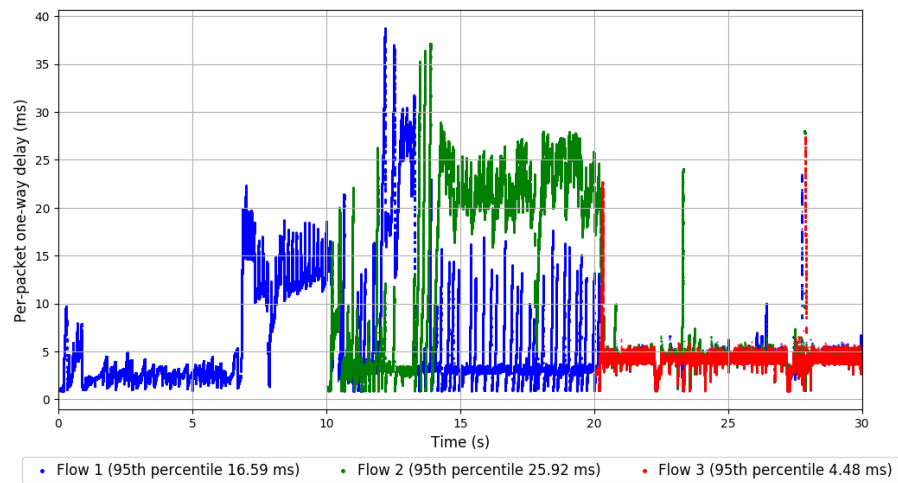
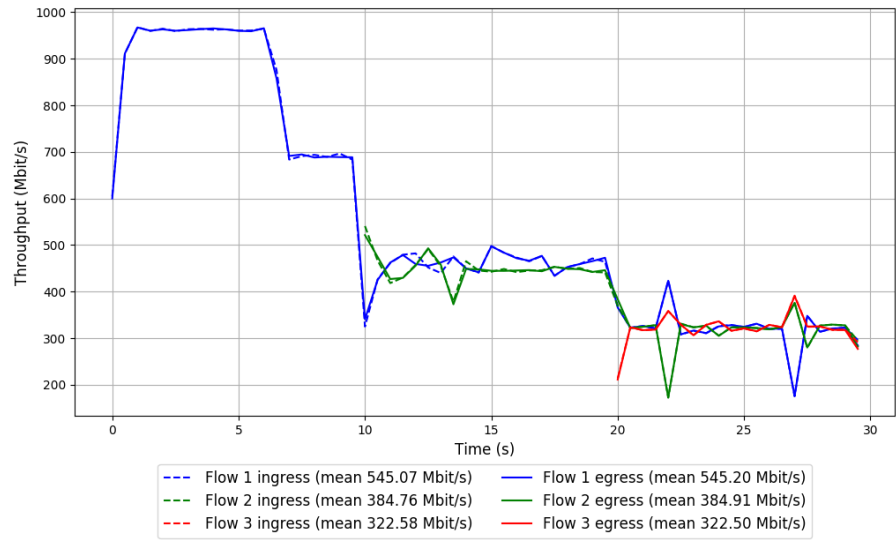


Run 3: Statistics of TCP BBR

Start at: 2017-09-18 00:17:47  
End at: 2017-09-18 00:18:17  
Local clock offset: -1.46 ms  
Remote clock offset: -2.197 ms

# Below is generated by plot.py at 2017-09-18 08:02:11  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 908.16 Mbit/s  
95th percentile per-packet one-way delay: 23.412 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 545.20 Mbit/s  
95th percentile per-packet one-way delay: 16.592 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 384.91 Mbit/s  
95th percentile per-packet one-way delay: 25.920 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 322.50 Mbit/s  
95th percentile per-packet one-way delay: 4.480 ms  
Loss rate: 0.27%

### Run 3: Report of TCP BBR — Data Link

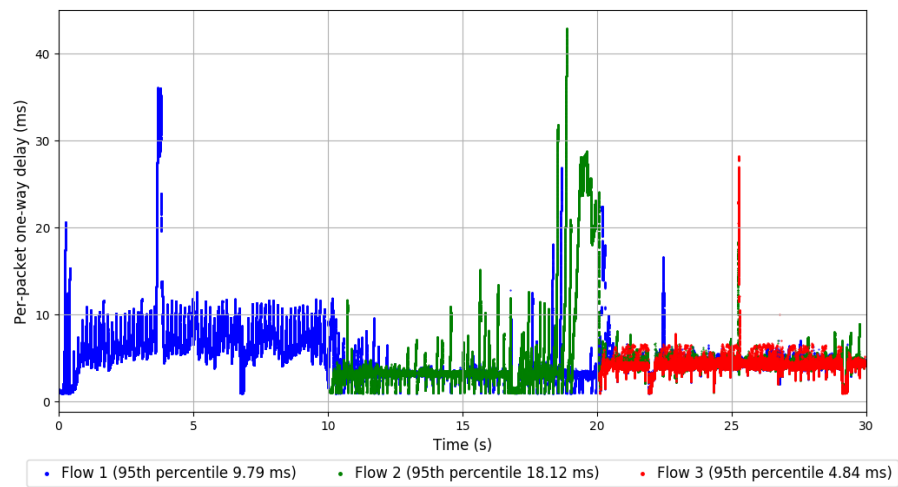
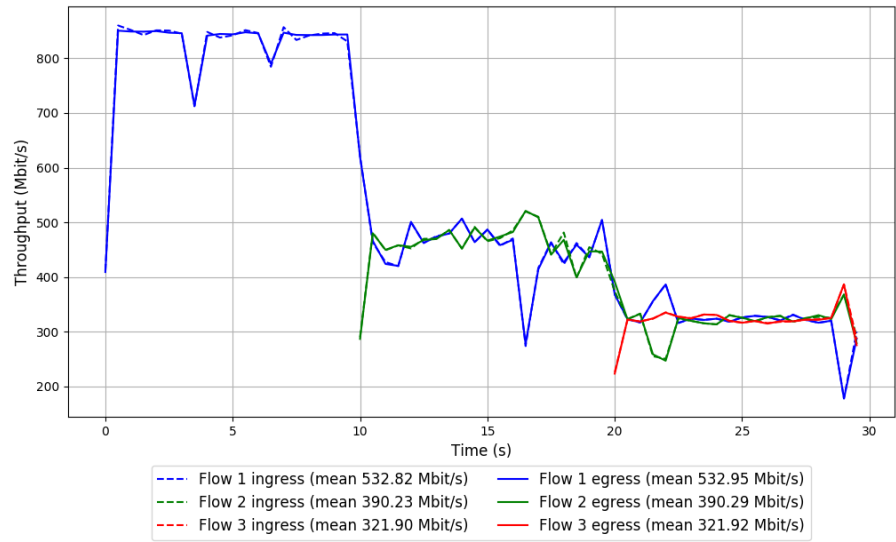


Run 4: Statistics of TCP BBR

Start at: 2017-09-18 00:40:08  
End at: 2017-09-18 00:40:38  
Local clock offset: -2.3 ms  
Remote clock offset: -2.271 ms

# Below is generated by plot.py at 2017-09-18 08:02:11  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 899.13 Mbit/s  
95th percentile per-packet one-way delay: 9.826 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 532.95 Mbit/s  
95th percentile per-packet one-way delay: 9.792 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 390.29 Mbit/s  
95th percentile per-packet one-way delay: 18.121 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 321.92 Mbit/s  
95th percentile per-packet one-way delay: 4.837 ms  
Loss rate: 0.22%

#### Run 4: Report of TCP BBR — Data Link



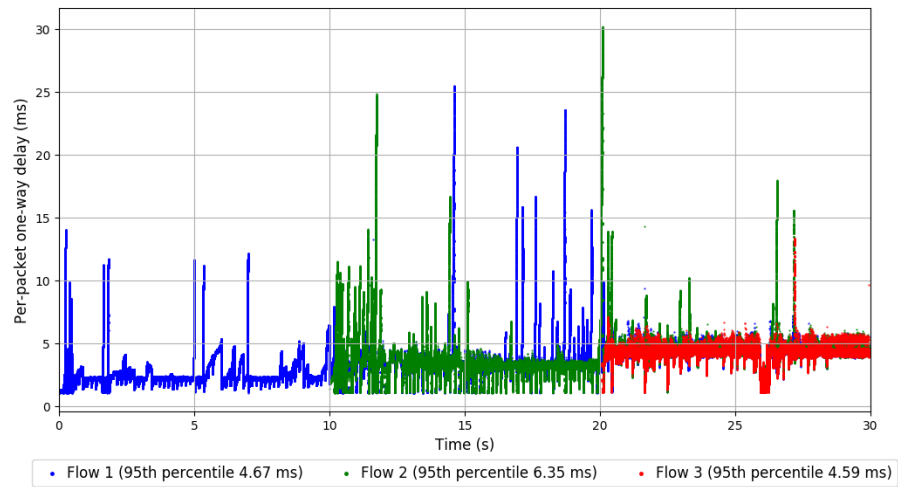
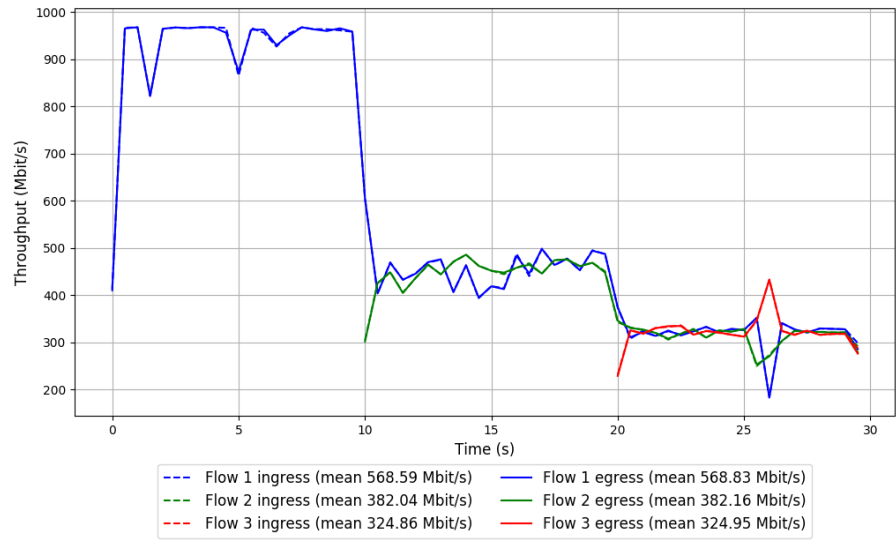
Run 5: Statistics of TCP BBR

Start at: 2017-09-18 01:02:23  
End at: 2017-09-18 01:02:53  
Local clock offset: -3.04 ms  
Remote clock offset: -2.306 ms

# Below is generated by plot.py at 2017-09-18 08:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 930.59 Mbit/s  
95th percentile per-packet one-way delay: 4.991 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 568.83 Mbit/s  
95th percentile per-packet one-way delay: 4.668 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 382.16 Mbit/s  
95th percentile per-packet one-way delay: 6.351 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 324.95 Mbit/s  
95th percentile per-packet one-way delay: 4.595 ms  
Loss rate: 0.22%



## Run 5: Report of TCP BBR — Data Link

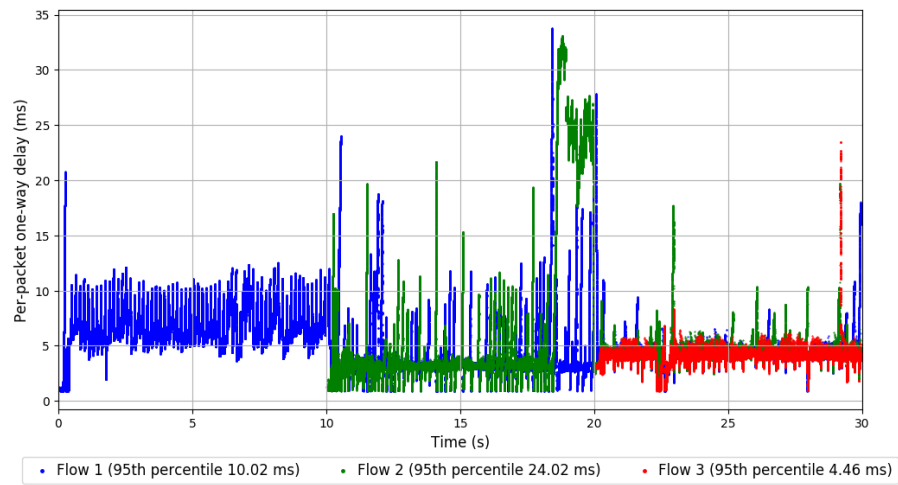
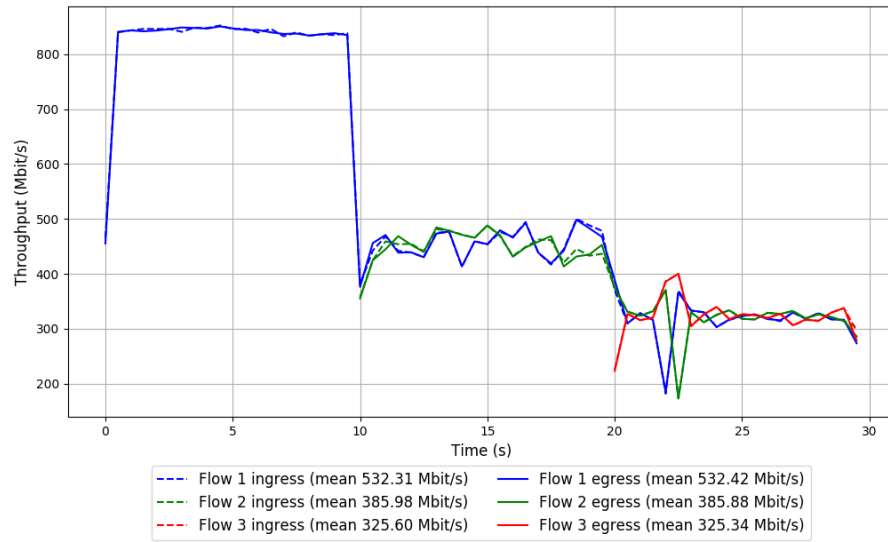


Run 6: Statistics of TCP BBR

Start at: 2017-09-18 01:25:11  
End at: 2017-09-18 01:25:41  
Local clock offset: -3.596 ms  
Remote clock offset: -2.081 ms

# Below is generated by plot.py at 2017-09-18 08:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 896.89 Mbit/s  
95th percentile per-packet one-way delay: 10.344 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 532.42 Mbit/s  
95th percentile per-packet one-way delay: 10.019 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 385.88 Mbit/s  
95th percentile per-packet one-way delay: 24.017 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 325.34 Mbit/s  
95th percentile per-packet one-way delay: 4.459 ms  
Loss rate: 0.30%

## Run 6: Report of TCP BBR — Data Link

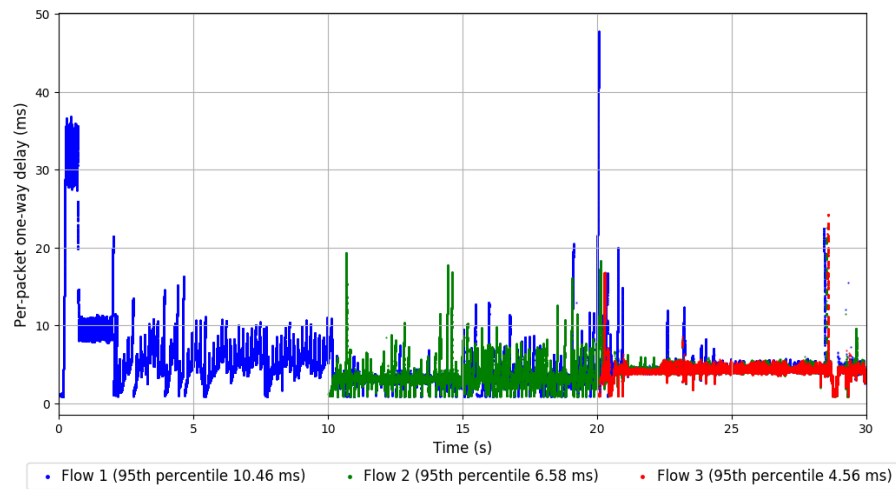
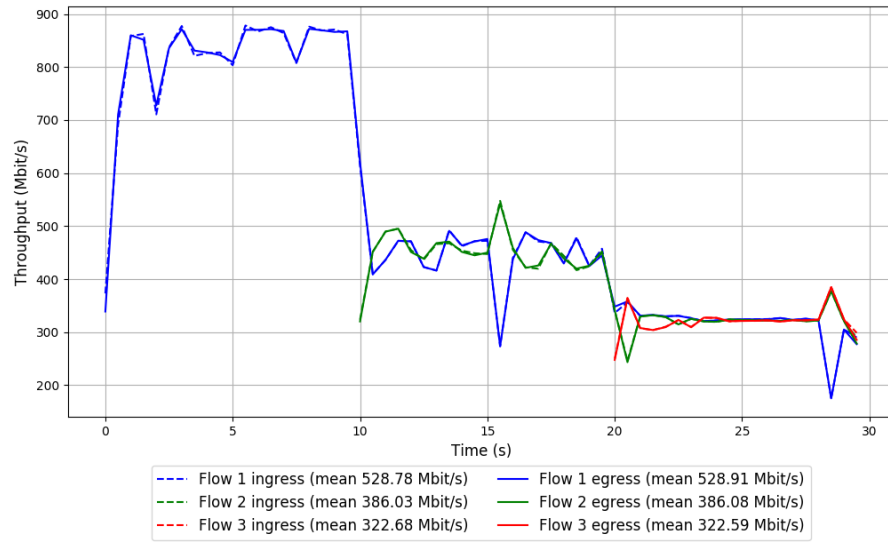


Run 7: Statistics of TCP BBR

Start at: 2017-09-18 01:47:51  
End at: 2017-09-18 01:48:21  
Local clock offset: -4.121 ms  
Remote clock offset: -2.034 ms

# Below is generated by plot.py at 2017-09-18 08:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 892.63 Mbit/s  
95th percentile per-packet one-way delay: 9.990 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 528.91 Mbit/s  
95th percentile per-packet one-way delay: 10.465 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 386.08 Mbit/s  
95th percentile per-packet one-way delay: 6.576 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 322.59 Mbit/s  
95th percentile per-packet one-way delay: 4.559 ms  
Loss rate: 0.25%

## Run 7: Report of TCP BBR — Data Link

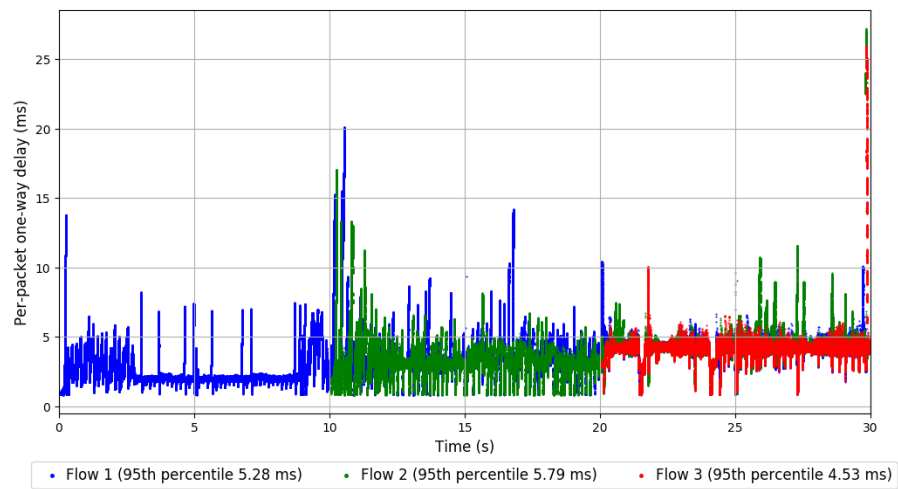
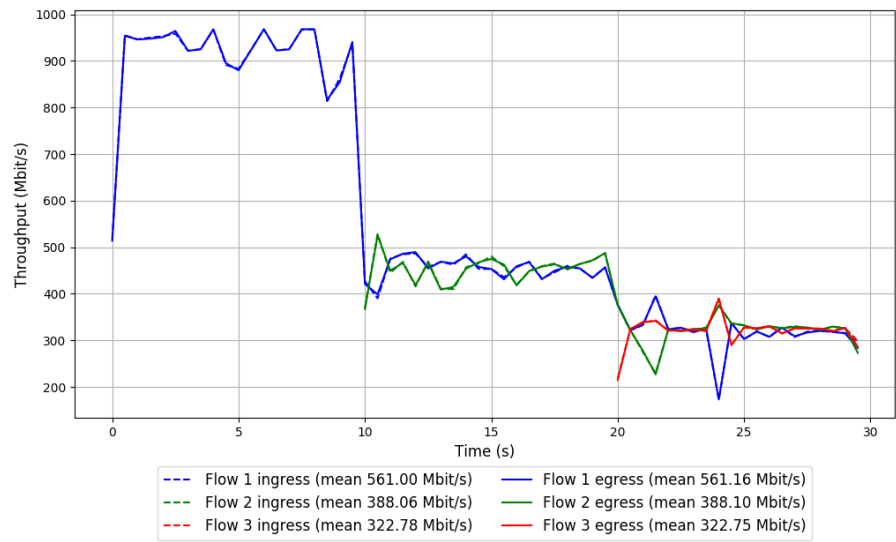


Run 8: Statistics of TCP BBR

Start at: 2017-09-18 02:10:15  
End at: 2017-09-18 02:10:45  
Local clock offset: -3.967 ms  
Remote clock offset: -1.945 ms

# Below is generated by plot.py at 2017-09-18 08:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 926.30 Mbit/s  
95th percentile per-packet one-way delay: 5.307 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 561.16 Mbit/s  
95th percentile per-packet one-way delay: 5.280 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 388.10 Mbit/s  
95th percentile per-packet one-way delay: 5.790 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 322.75 Mbit/s  
95th percentile per-packet one-way delay: 4.525 ms  
Loss rate: 0.24%

## Run 8: Report of TCP BBR — Data Link



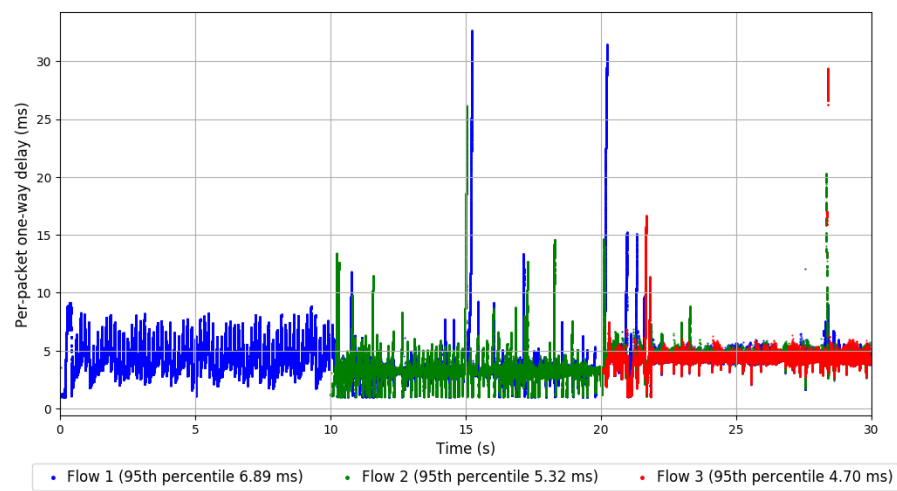
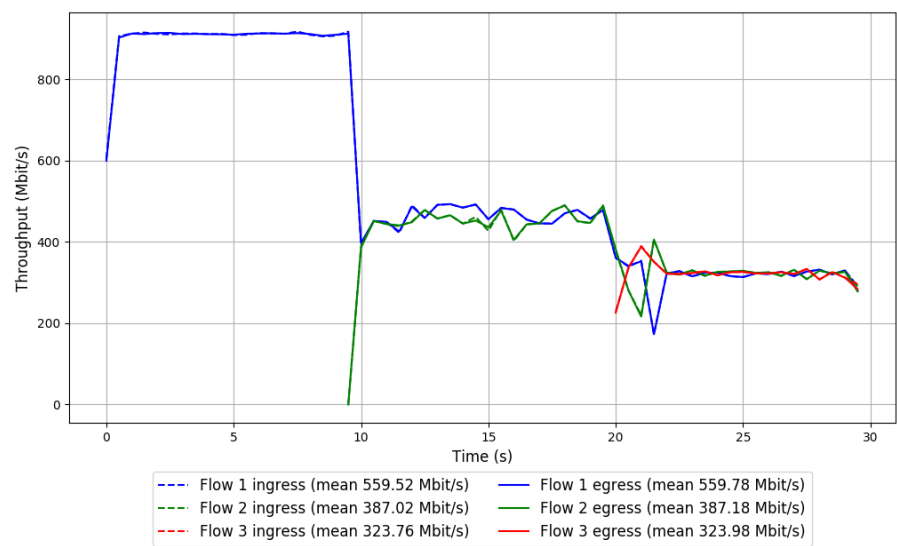
Run 9: Statistics of TCP BBR

Start at: 2017-09-18 02:32:55  
End at: 2017-09-18 02:33:25  
Local clock offset: -3.581 ms  
Remote clock offset: -1.911 ms

# Below is generated by plot.py at 2017-09-18 08:15:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 924.84 Mbit/s  
95th percentile per-packet one-way delay: 6.496 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 559.78 Mbit/s  
95th percentile per-packet one-way delay: 6.893 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 387.18 Mbit/s  
95th percentile per-packet one-way delay: 5.320 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 323.98 Mbit/s  
95th percentile per-packet one-way delay: 4.702 ms  
Loss rate: 0.24%



Run 9: Report of TCP BBR — Data Link

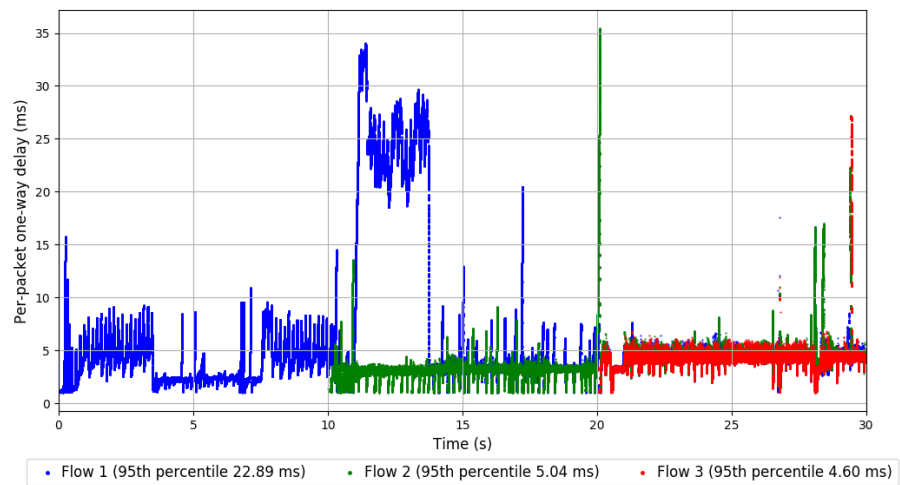
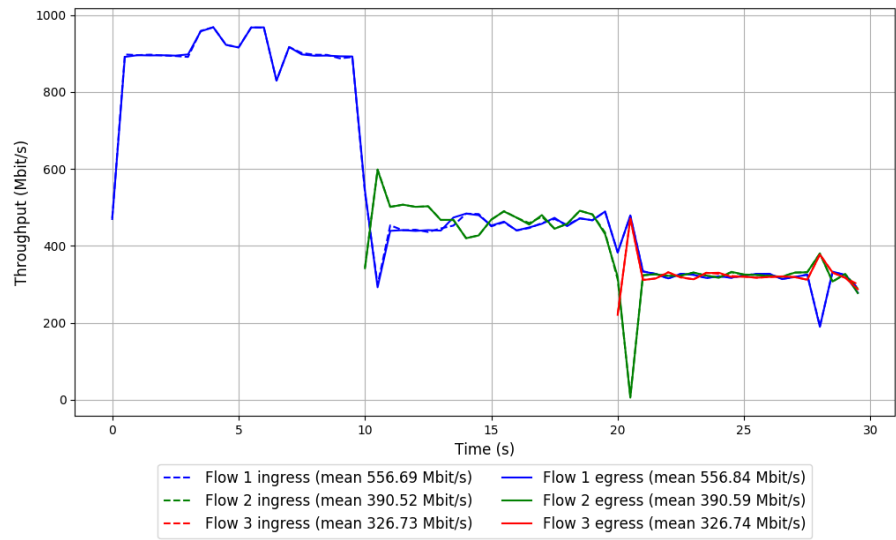


Run 10: Statistics of TCP BBR

Start at: 2017-09-18 02:55:18  
End at: 2017-09-18 02:55:48  
Local clock offset: -3.544 ms  
Remote clock offset: -1.719 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 925.02 Mbit/s  
95th percentile per-packet one-way delay: 9.302 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 556.84 Mbit/s  
95th percentile per-packet one-way delay: 22.895 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 390.59 Mbit/s  
95th percentile per-packet one-way delay: 5.042 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 326.74 Mbit/s  
95th percentile per-packet one-way delay: 4.597 ms  
Loss rate: 0.24%

# Run 10: Report of TCP BBR — Data Link

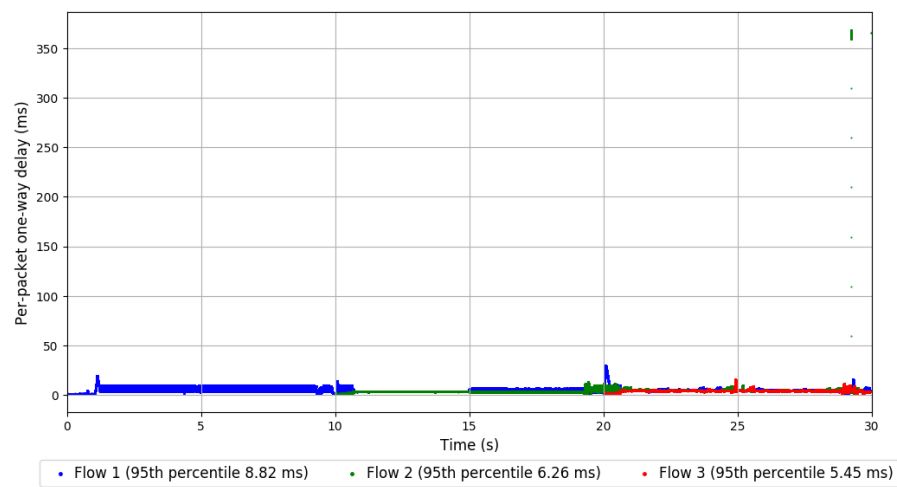
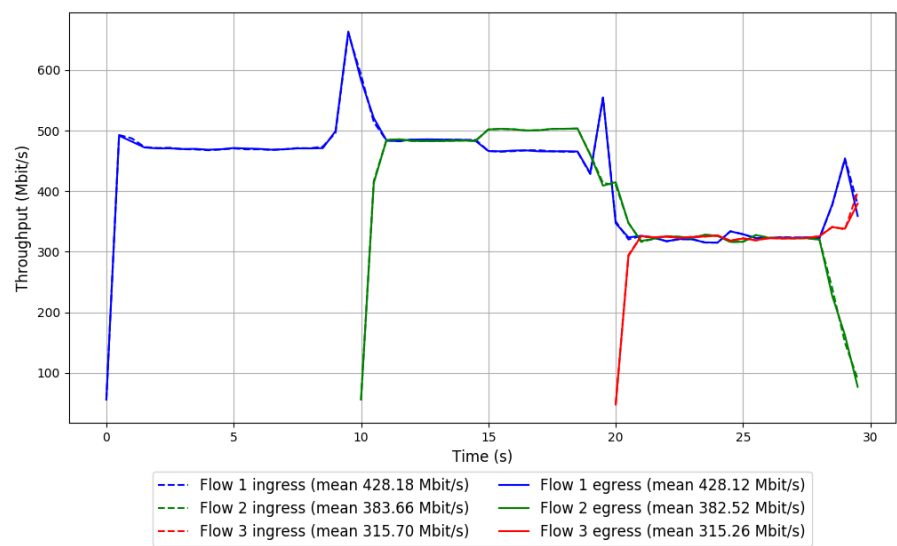


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 23:30:41  
End at: 2017-09-17 23:31:11  
Local clock offset: -0.358 ms  
Remote clock offset: -3.197 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 786.47 Mbit/s  
95th percentile per-packet one-way delay: 8.308 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 428.12 Mbit/s  
95th percentile per-packet one-way delay: 8.823 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 382.52 Mbit/s  
95th percentile per-packet one-way delay: 6.261 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 315.26 Mbit/s  
95th percentile per-packet one-way delay: 5.454 ms  
Loss rate: 0.34%

Run 1: Report of CalibratedKoho — Data Link

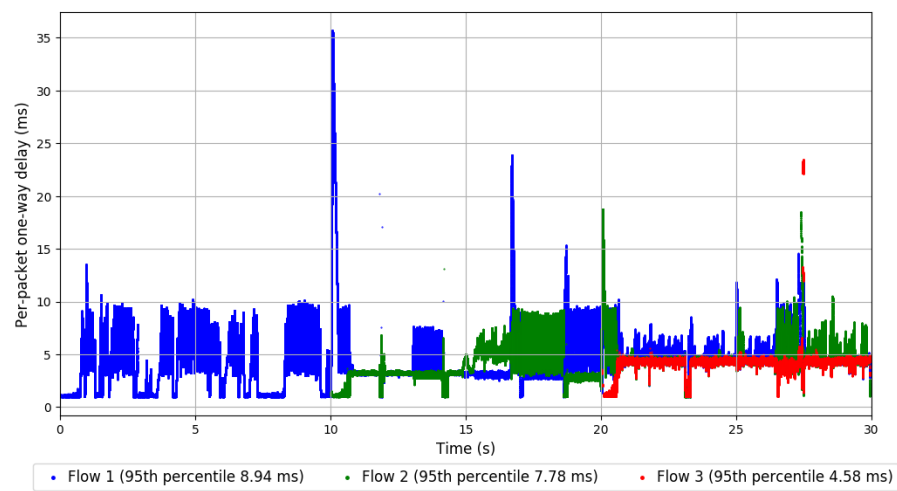
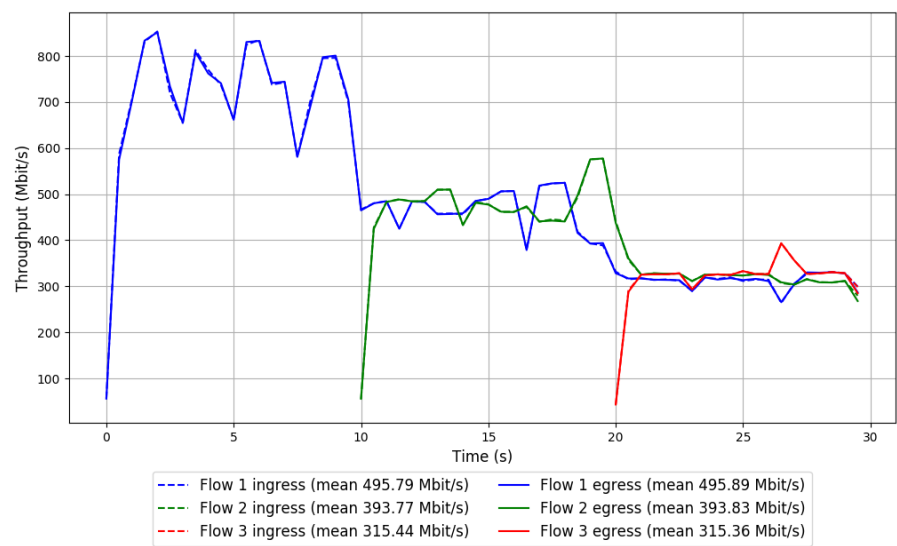


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-17 23:53:17  
End at: 2017-09-17 23:53:47  
Local clock offset: -0.826 ms  
Remote clock offset: -2.706 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 862.26 Mbit/s  
95th percentile per-packet one-way delay: 8.511 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 495.89 Mbit/s  
95th percentile per-packet one-way delay: 8.942 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 393.83 Mbit/s  
95th percentile per-packet one-way delay: 7.781 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 315.36 Mbit/s  
95th percentile per-packet one-way delay: 4.578 ms  
Loss rate: 0.26%

Run 2: Report of CalibratedKoho — Data Link



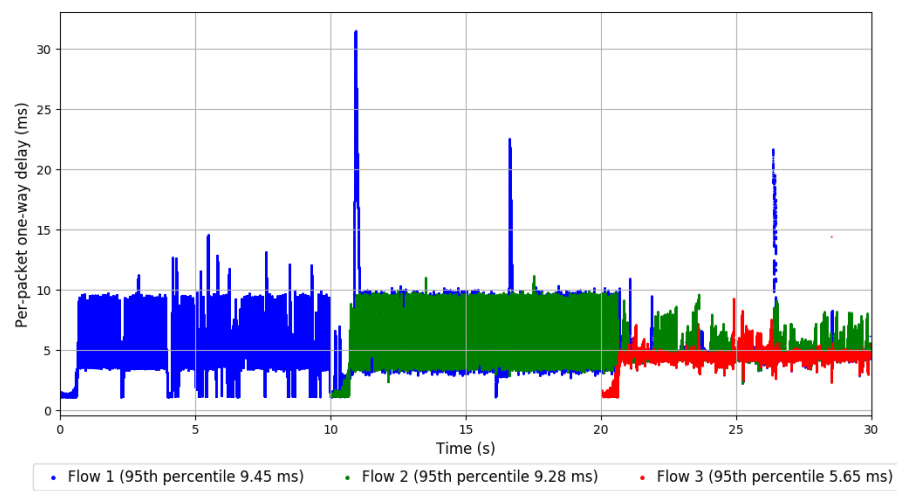
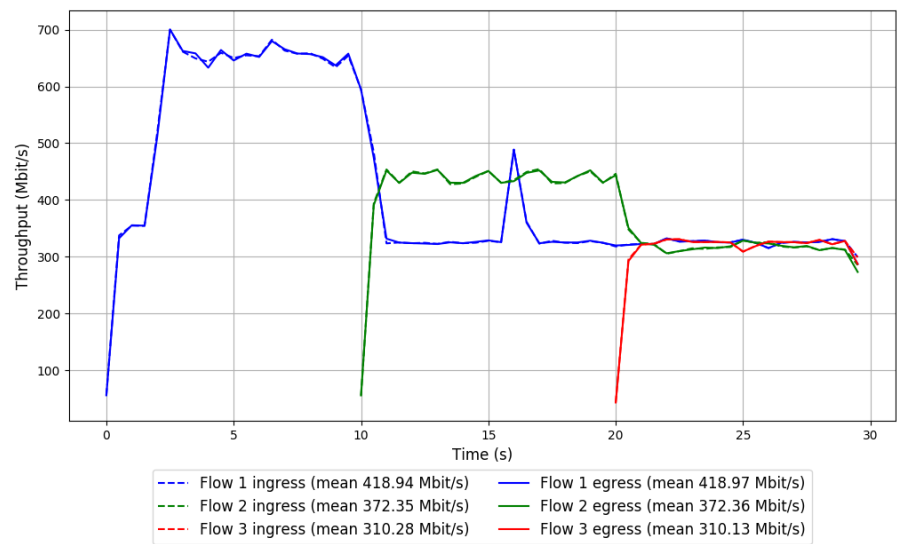
Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 00:15:53  
End at: 2017-09-18 00:16:23  
Local clock offset: -1.277 ms  
Remote clock offset: -2.343 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 769.44 Mbit/s  
95th percentile per-packet one-way delay: 9.324 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 418.97 Mbit/s  
95th percentile per-packet one-way delay: 9.451 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 372.36 Mbit/s  
95th percentile per-packet one-way delay: 9.281 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 310.13 Mbit/s  
95th percentile per-packet one-way delay: 5.650 ms  
Loss rate: 0.24%



Run 3: Report of CalibratedKoho — Data Link

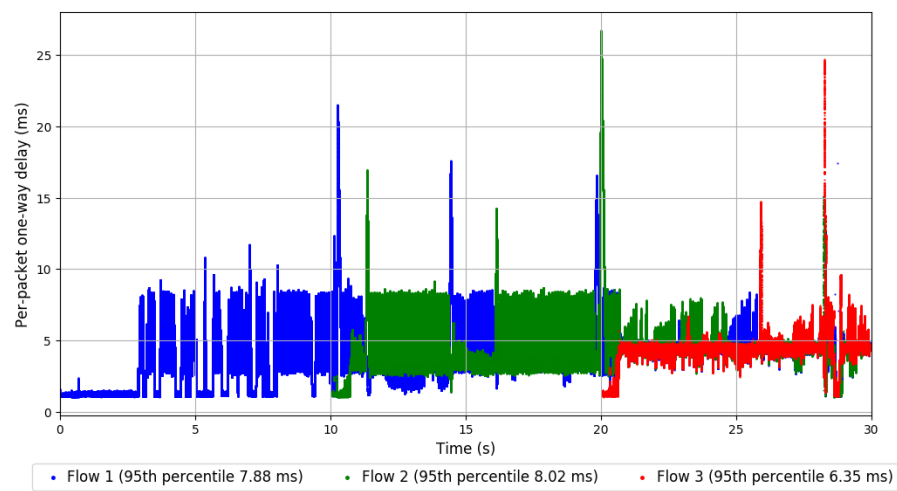
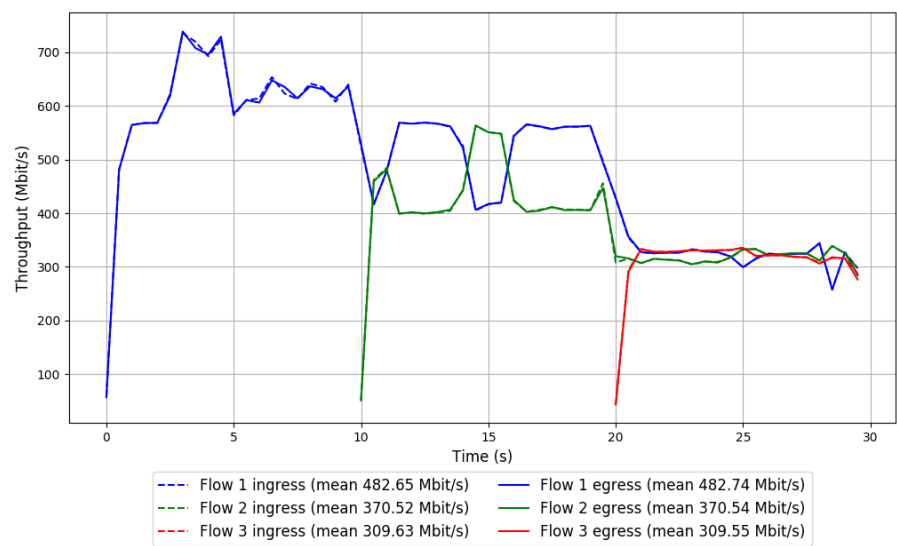


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 00:38:12  
End at: 2017-09-18 00:38:42  
Local clock offset: -2.115 ms  
Remote clock offset: -2.232 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 831.61 Mbit/s  
95th percentile per-packet one-way delay: 7.849 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 482.74 Mbit/s  
95th percentile per-packet one-way delay: 7.885 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 370.54 Mbit/s  
95th percentile per-packet one-way delay: 8.022 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 309.55 Mbit/s  
95th percentile per-packet one-way delay: 6.354 ms  
Loss rate: 0.24%

Run 4: Report of CalibratedKoho — Data Link

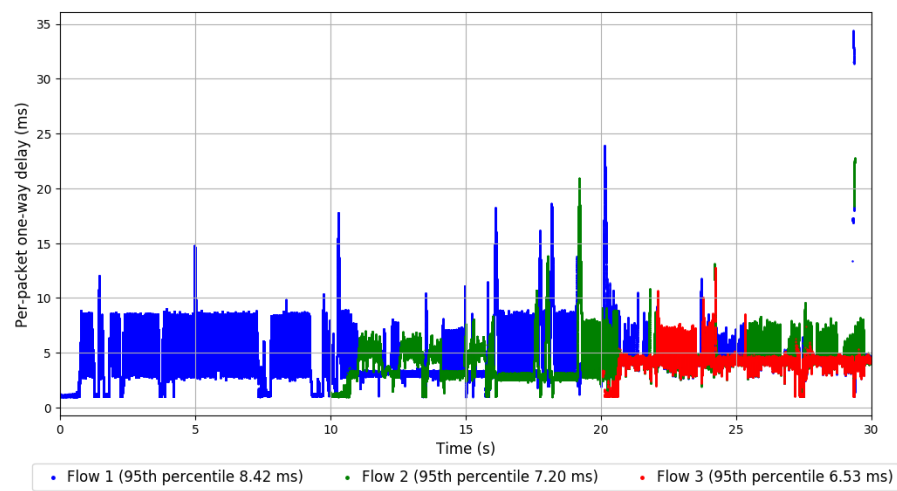
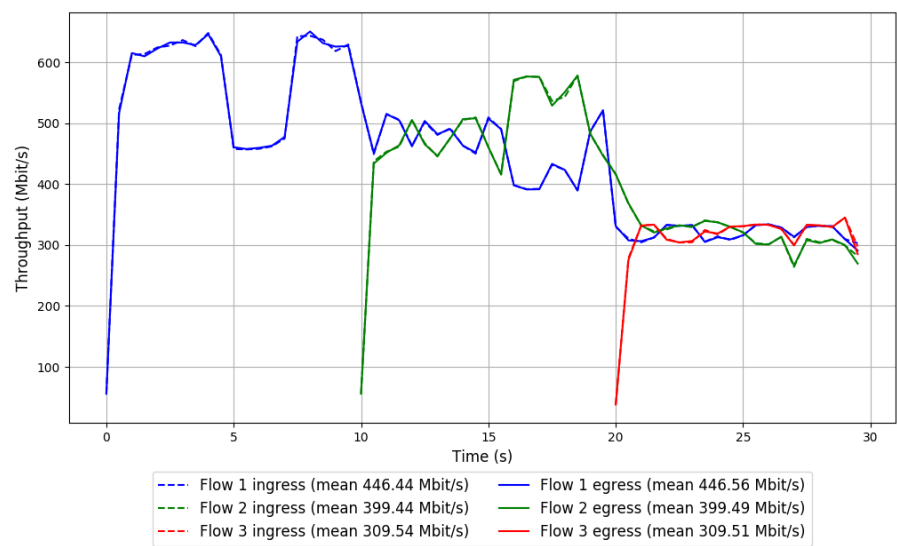


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 01:00:27  
End at: 2017-09-18 01:00:57  
Local clock offset: -3.055 ms  
Remote clock offset: -2.338 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 814.65 Mbit/s  
95th percentile per-packet one-way delay: 8.117 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 446.56 Mbit/s  
95th percentile per-packet one-way delay: 8.419 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 399.49 Mbit/s  
95th percentile per-packet one-way delay: 7.204 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 309.51 Mbit/s  
95th percentile per-packet one-way delay: 6.530 ms  
Loss rate: 0.25%

Run 5: Report of CalibratedKoho — Data Link

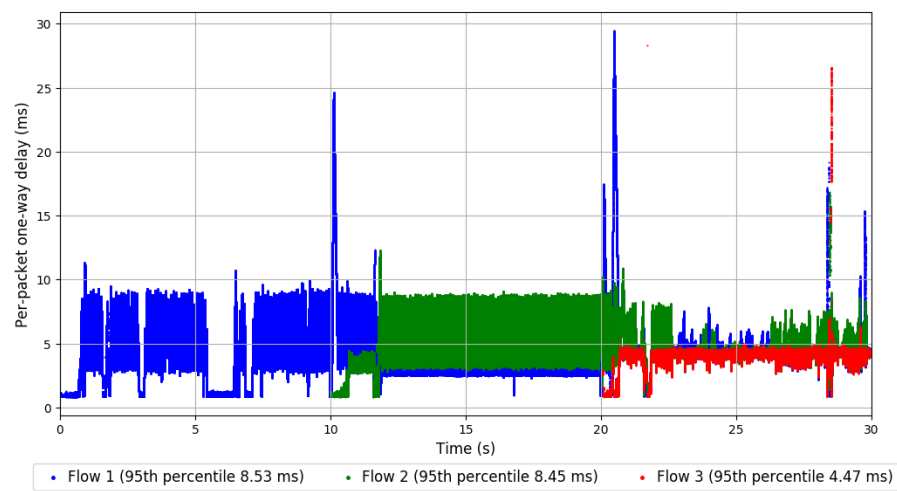
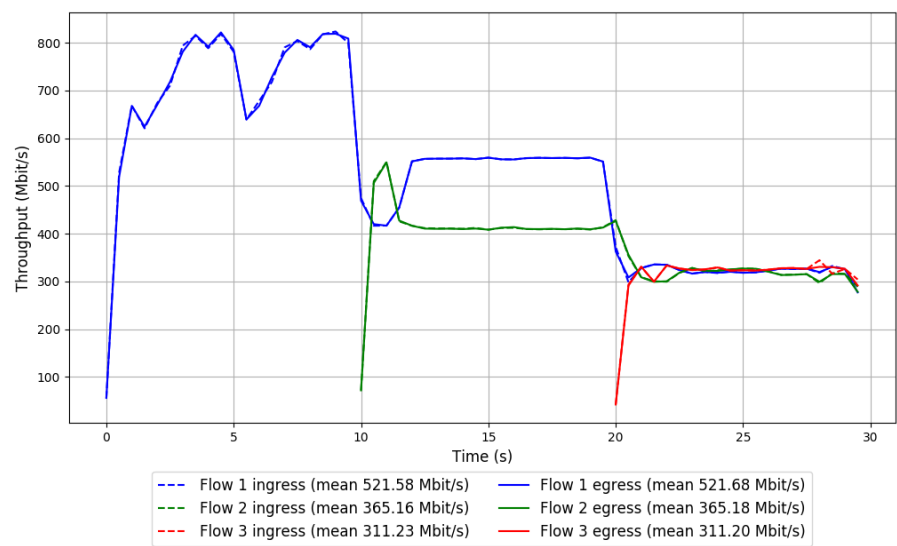


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 01:23:13  
End at: 2017-09-18 01:23:43  
Local clock offset: -3.566 ms  
Remote clock offset: -2.051 ms

# Below is generated by plot.py at 2017-09-18 08:15:05  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 867.60 Mbit/s  
95th percentile per-packet one-way delay: 8.416 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 521.68 Mbit/s  
95th percentile per-packet one-way delay: 8.534 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 365.18 Mbit/s  
95th percentile per-packet one-way delay: 8.451 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 311.20 Mbit/s  
95th percentile per-packet one-way delay: 4.466 ms  
Loss rate: 0.25%

Run 6: Report of CalibratedKoho — Data Link



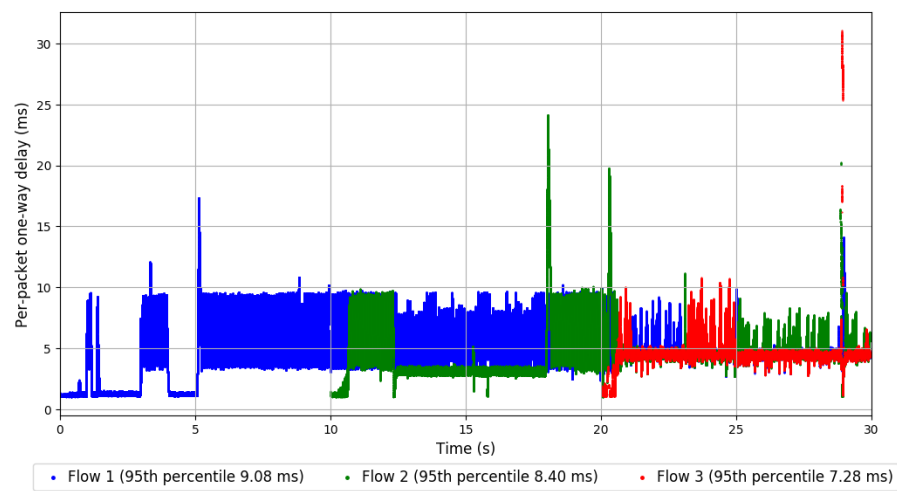
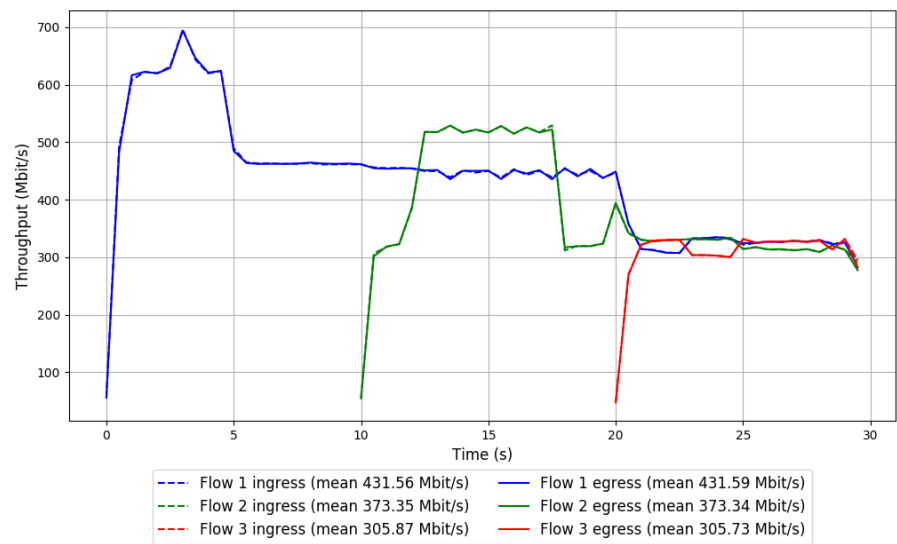
Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 01:45:56  
End at: 2017-09-18 01:46:27  
Local clock offset: -4.056 ms  
Remote clock offset: -2.059 ms

# Below is generated by plot.py at 2017-09-18 08:24:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 781.37 Mbit/s  
95th percentile per-packet one-way delay: 8.858 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 431.59 Mbit/s  
95th percentile per-packet one-way delay: 9.079 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 373.34 Mbit/s  
95th percentile per-packet one-way delay: 8.403 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 305.73 Mbit/s  
95th percentile per-packet one-way delay: 7.277 ms  
Loss rate: 0.25%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 02:08:19

End at: 2017-09-18 02:08:49

Local clock offset: -3.88 ms

Remote clock offset: -2.01 ms

# Below is generated by plot.py at 2017-09-18 08:24:56

# Datalink statistics

-- Total of 3 flows:

Average throughput: 824.71 Mbit/s

95th percentile per-packet one-way delay: 8.033 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 471.55 Mbit/s

95th percentile per-packet one-way delay: 8.204 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 380.14 Mbit/s

95th percentile per-packet one-way delay: 7.788 ms

Loss rate: 0.10%

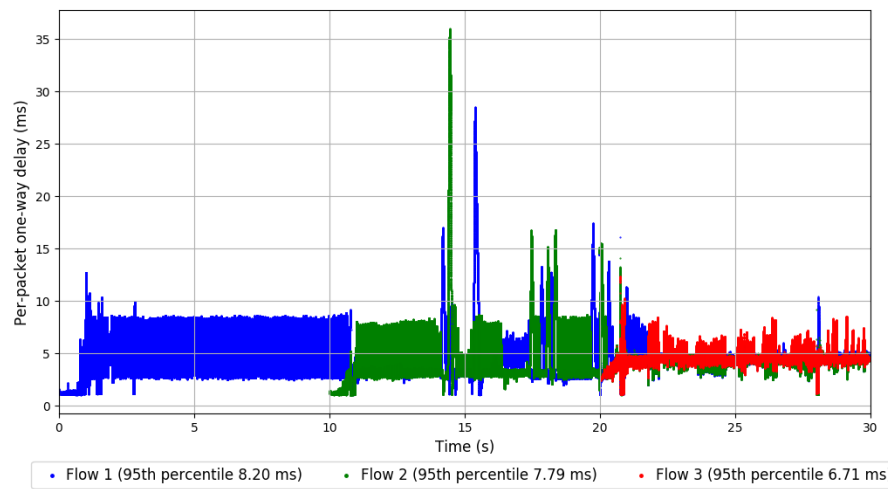
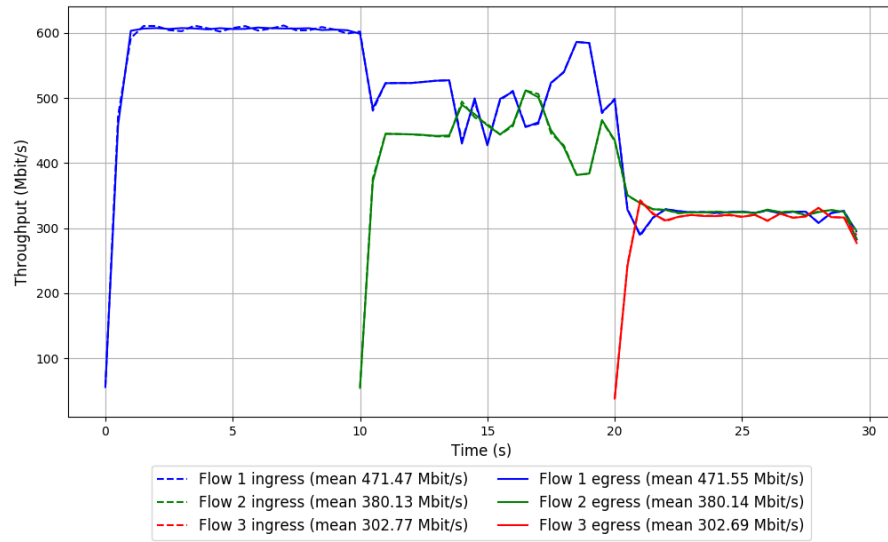
-- Flow 3:

Average throughput: 302.69 Mbit/s

95th percentile per-packet one-way delay: 6.715 ms

Loss rate: 0.25%

## Run 8: Report of CalibratedKoho — Data Link

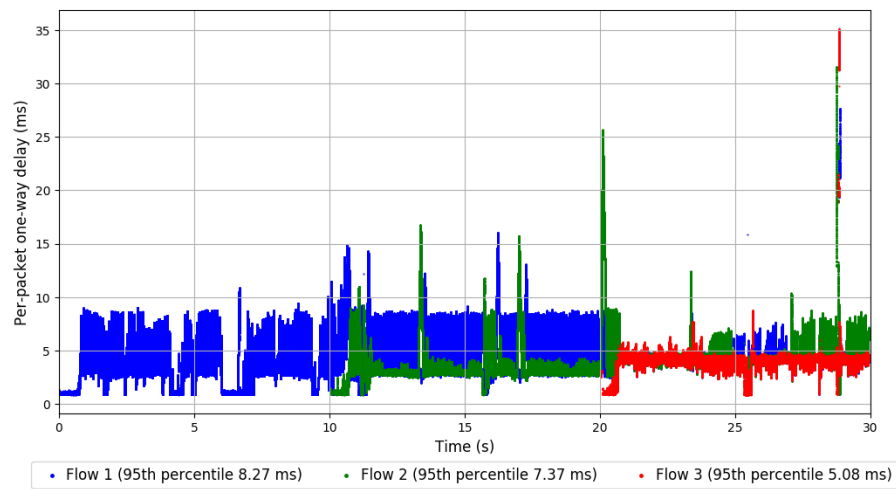
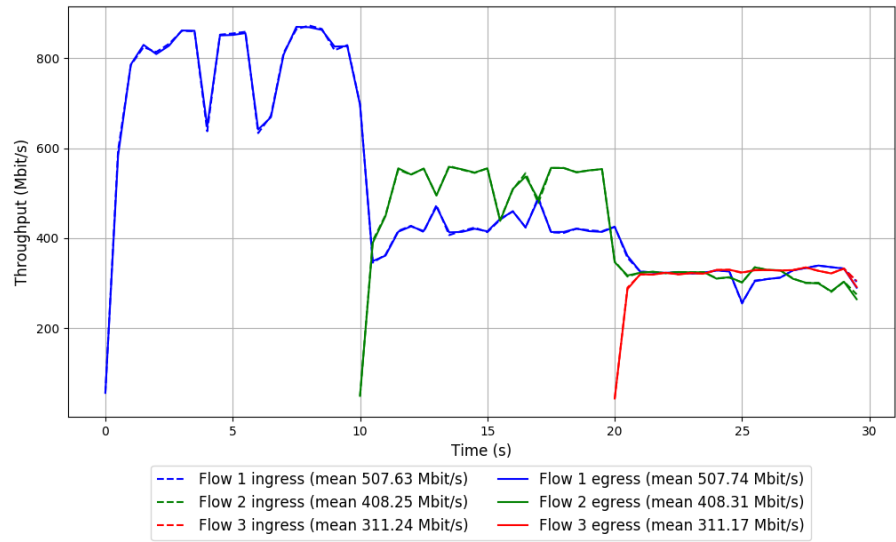


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 02:30:54  
End at: 2017-09-18 02:31:25  
Local clock offset: -3.706 ms  
Remote clock offset: -1.924 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 882.21 Mbit/s  
95th percentile per-packet one-way delay: 8.059 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 507.74 Mbit/s  
95th percentile per-packet one-way delay: 8.267 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 408.31 Mbit/s  
95th percentile per-packet one-way delay: 7.365 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 311.17 Mbit/s  
95th percentile per-packet one-way delay: 5.082 ms  
Loss rate: 0.26%

## Run 9: Report of CalibratedKoho — Data Link

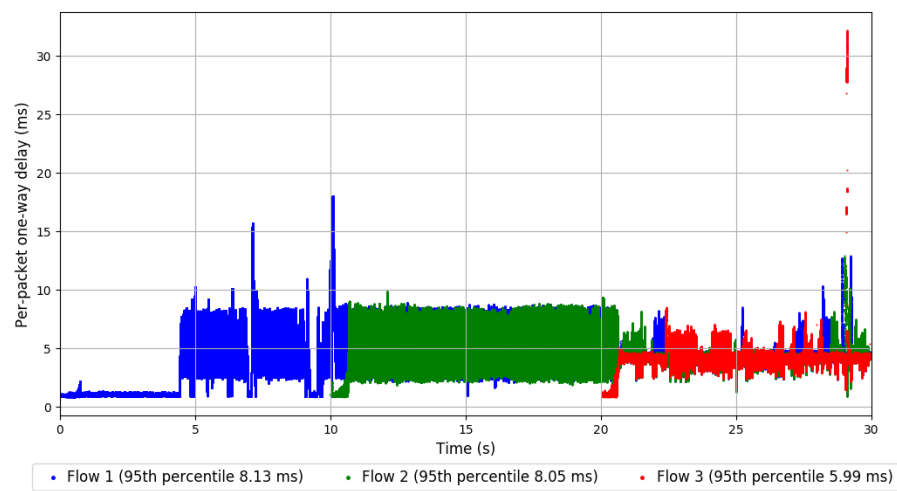
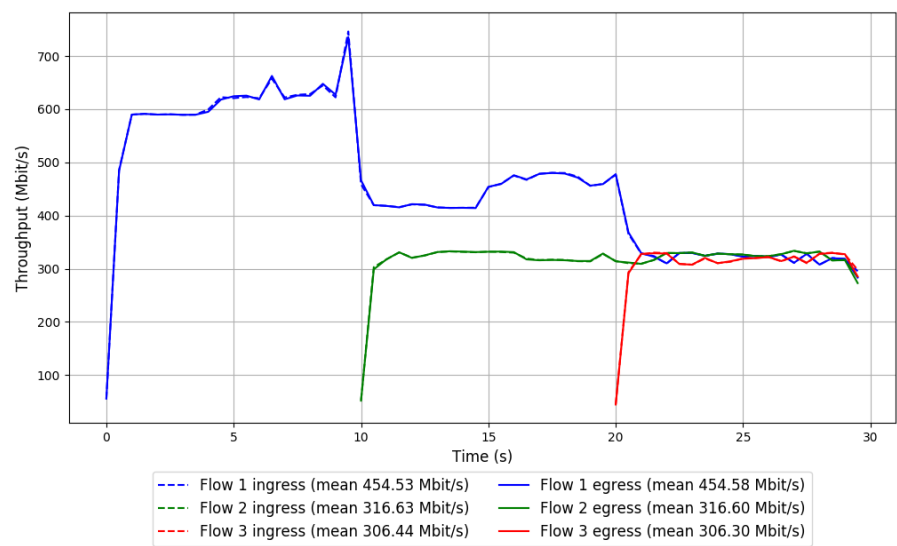


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 02:53:25  
End at: 2017-09-18 02:53:55  
Local clock offset: -3.646 ms  
Remote clock offset: -1.604 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 766.51 Mbit/s  
95th percentile per-packet one-way delay: 8.040 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 454.58 Mbit/s  
95th percentile per-packet one-way delay: 8.129 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 316.60 Mbit/s  
95th percentile per-packet one-way delay: 8.053 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 306.30 Mbit/s  
95th percentile per-packet one-way delay: 5.992 ms  
Loss rate: 0.25%

Run 10: Report of CalibratedKoho — Data Link



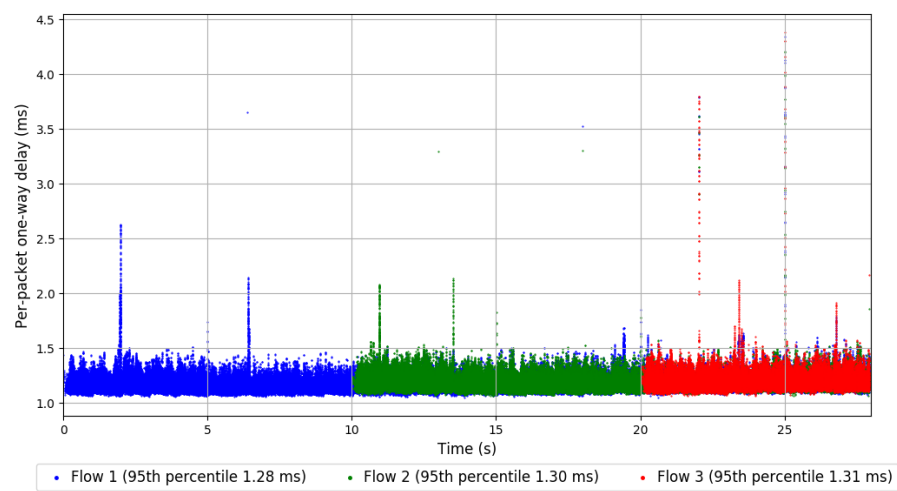
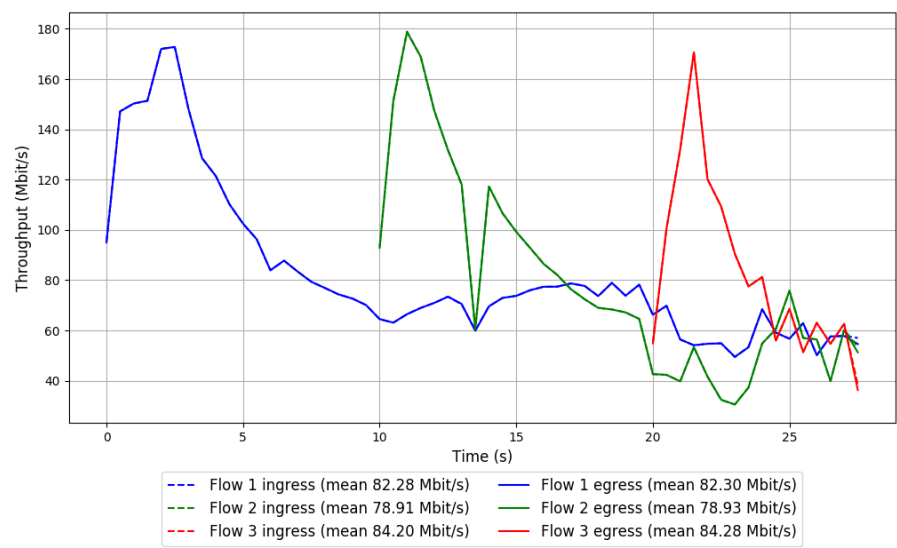
Run 1: Statistics of Copa

Start at: 2017-09-17 23:41:54  
End at: 2017-09-17 23:42:24  
Local clock offset: -0.397 ms  
Remote clock offset: -3.067 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 156.74 Mbit/s  
95th percentile per-packet one-way delay: 1.296 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 82.30 Mbit/s  
95th percentile per-packet one-way delay: 1.283 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 78.93 Mbit/s  
95th percentile per-packet one-way delay: 1.304 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 84.28 Mbit/s  
95th percentile per-packet one-way delay: 1.315 ms  
Loss rate: 0.17%



Run 1: Report of Copa — Data Link

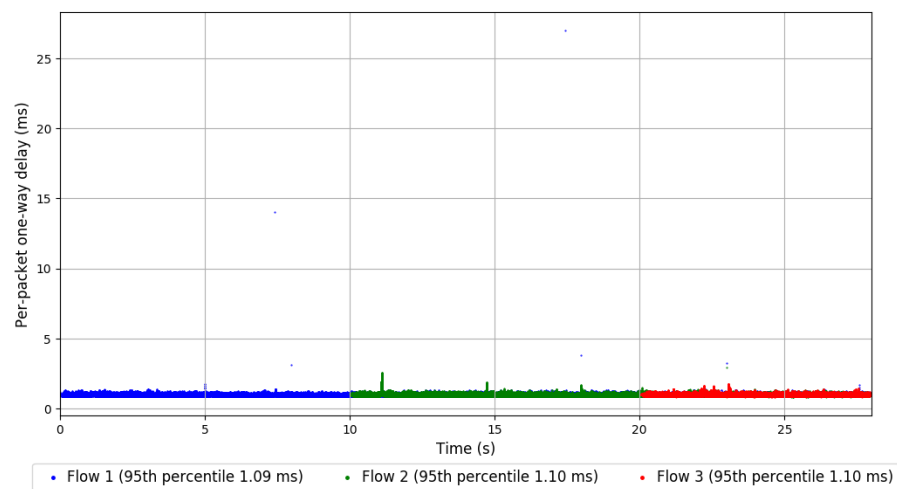
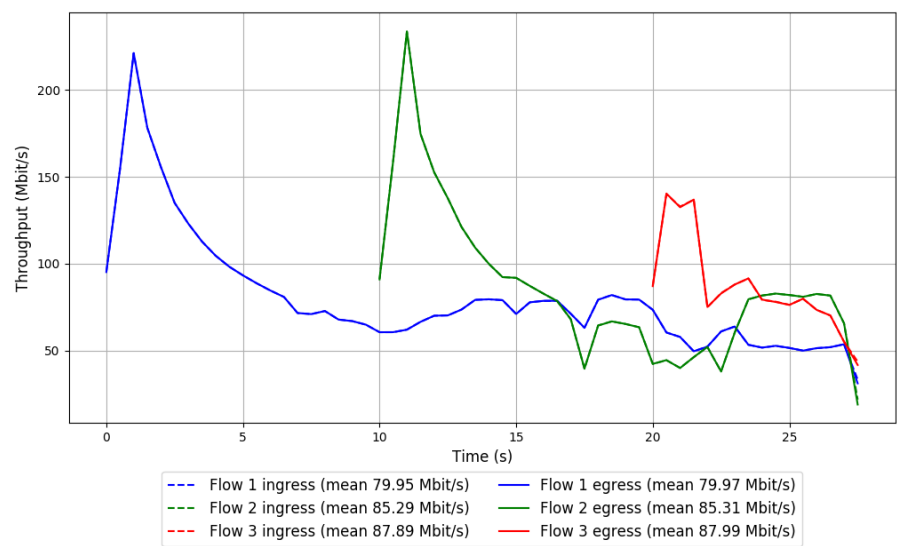


Run 2: Statistics of Copa

Start at: 2017-09-18 00:04:30  
End at: 2017-09-18 00:05:00  
Local clock offset: -1.123 ms  
Remote clock offset: -2.437 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 159.56 Mbit/s  
95th percentile per-packet one-way delay: 1.095 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 79.97 Mbit/s  
95th percentile per-packet one-way delay: 1.092 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 85.31 Mbit/s  
95th percentile per-packet one-way delay: 1.098 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 87.99 Mbit/s  
95th percentile per-packet one-way delay: 1.098 ms  
Loss rate: 0.14%

Run 2: Report of Copa — Data Link

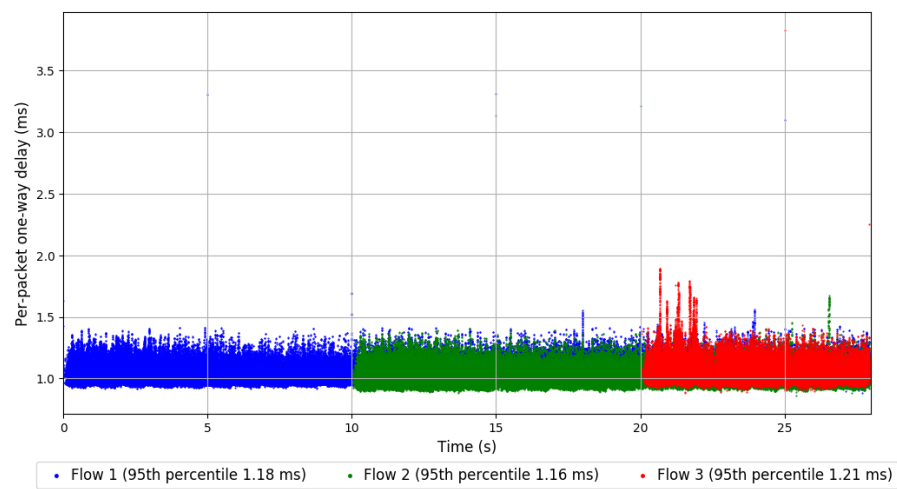
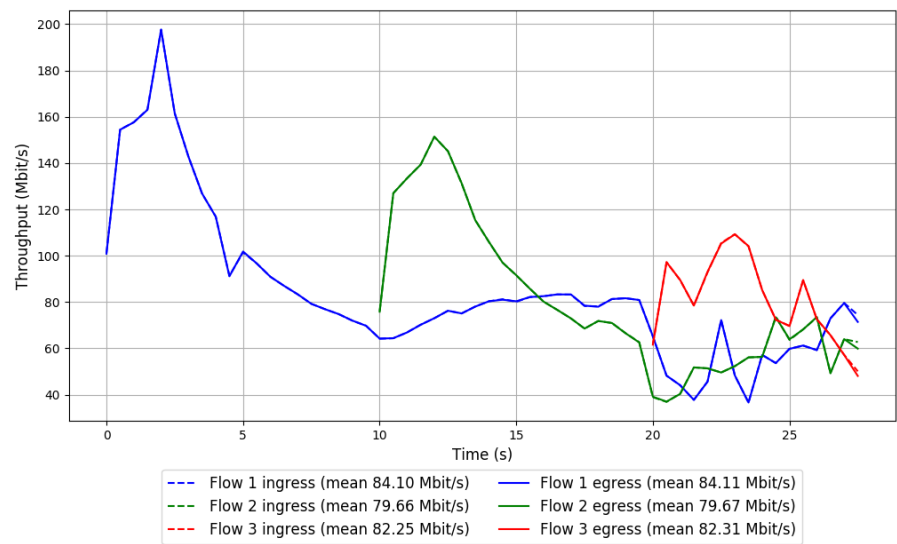


Run 3: Statistics of Copa

Start at: 2017-09-18 00:27:01  
End at: 2017-09-18 00:27:31  
Local clock offset: -1.784 ms  
Remote clock offset: -2.095 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 158.46 Mbit/s  
95th percentile per-packet one-way delay: 1.183 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 84.11 Mbit/s  
95th percentile per-packet one-way delay: 1.184 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 79.67 Mbit/s  
95th percentile per-packet one-way delay: 1.163 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 82.31 Mbit/s  
95th percentile per-packet one-way delay: 1.214 ms  
Loss rate: 0.16%

Run 3: Report of Copa — Data Link

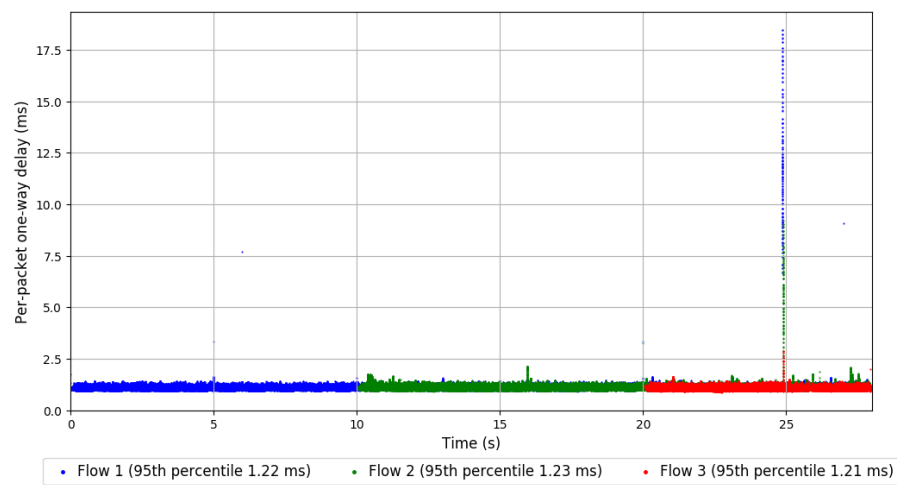
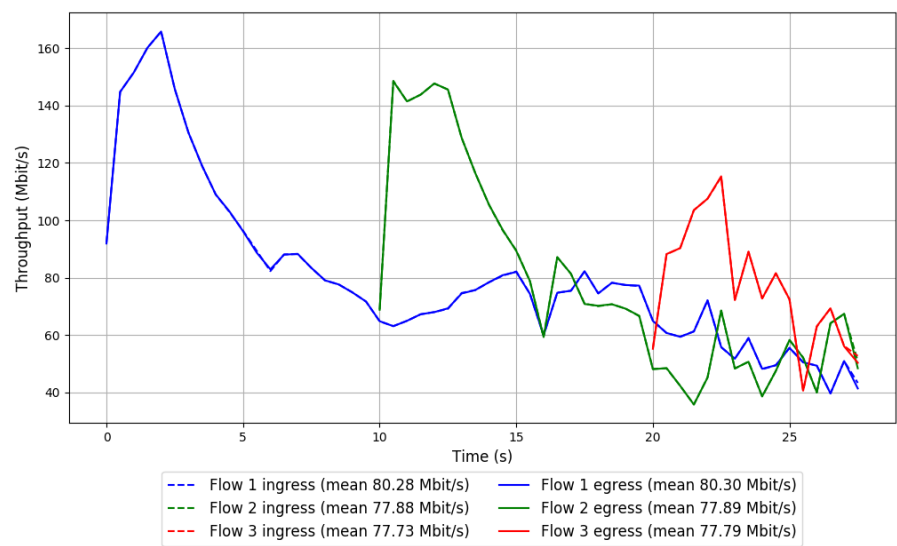


Run 4: Statistics of Copa

Start at: 2017-09-18 00:49:17  
End at: 2017-09-18 00:49:47  
Local clock offset: -2.504 ms  
Remote clock offset: -2.284 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 152.23 Mbit/s  
95th percentile per-packet one-way delay: 1.221 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 80.30 Mbit/s  
95th percentile per-packet one-way delay: 1.218 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 77.89 Mbit/s  
95th percentile per-packet one-way delay: 1.231 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 77.79 Mbit/s  
95th percentile per-packet one-way delay: 1.209 ms  
Loss rate: 0.20%

Run 4: Report of Copa — Data Link



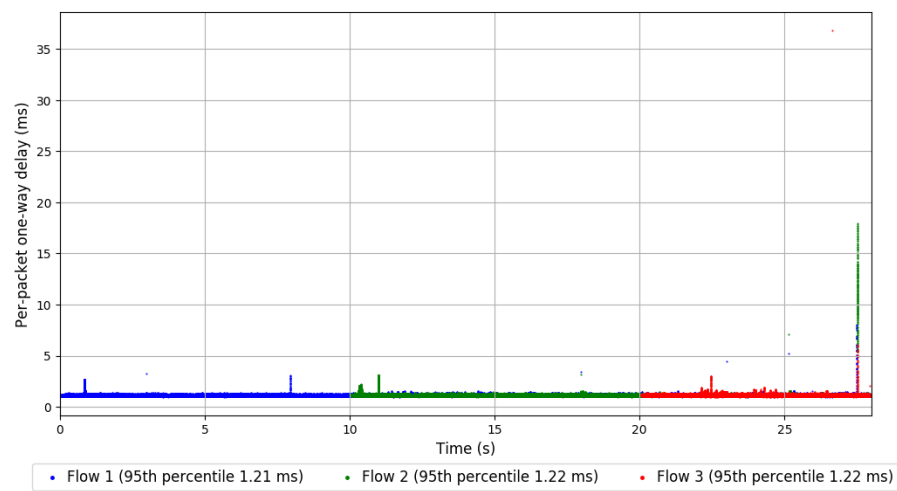
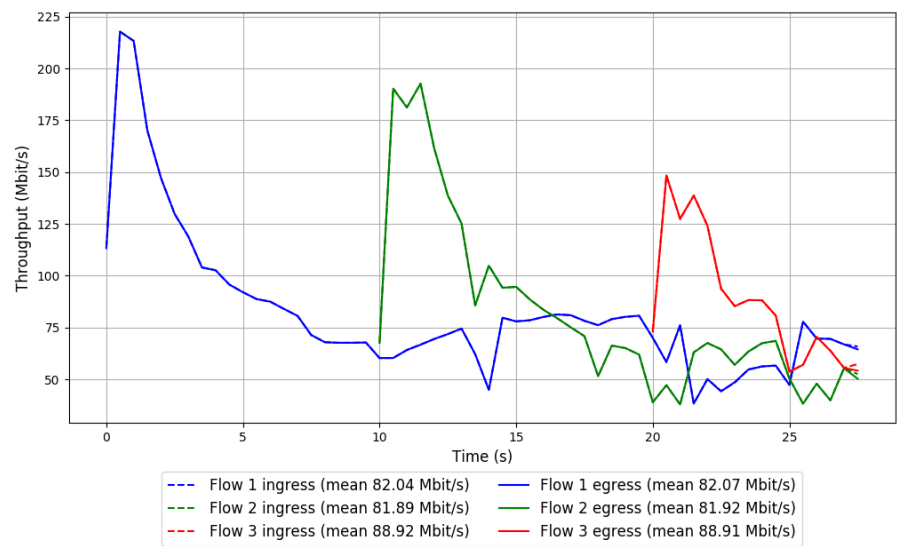
Run 5: Statistics of Copa

Start at: 2017-09-18 01:11:49  
End at: 2017-09-18 01:12:19  
Local clock offset: -3.356 ms  
Remote clock offset: -2.24 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 159.75 Mbit/s  
95th percentile per-packet one-way delay: 1.216 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 82.07 Mbit/s  
95th percentile per-packet one-way delay: 1.214 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 81.92 Mbit/s  
95th percentile per-packet one-way delay: 1.215 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 88.91 Mbit/s  
95th percentile per-packet one-way delay: 1.224 ms  
Loss rate: 0.24%



Run 5: Report of Copa — Data Link

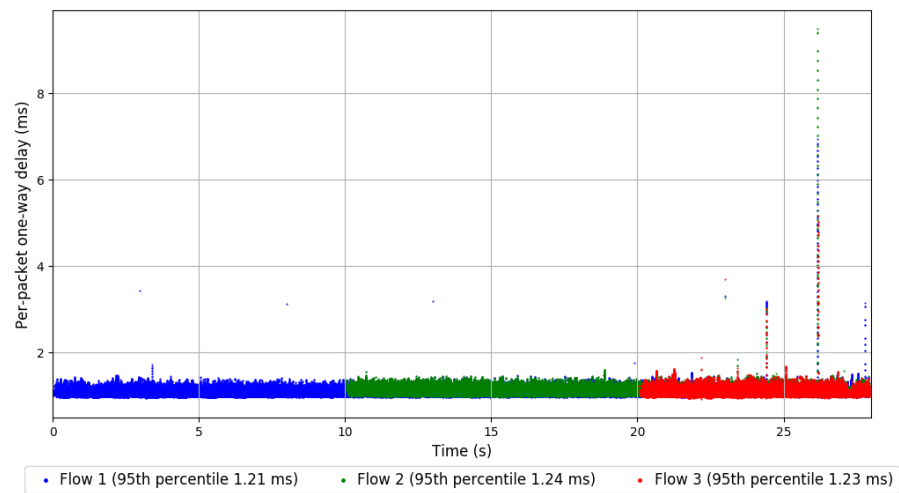
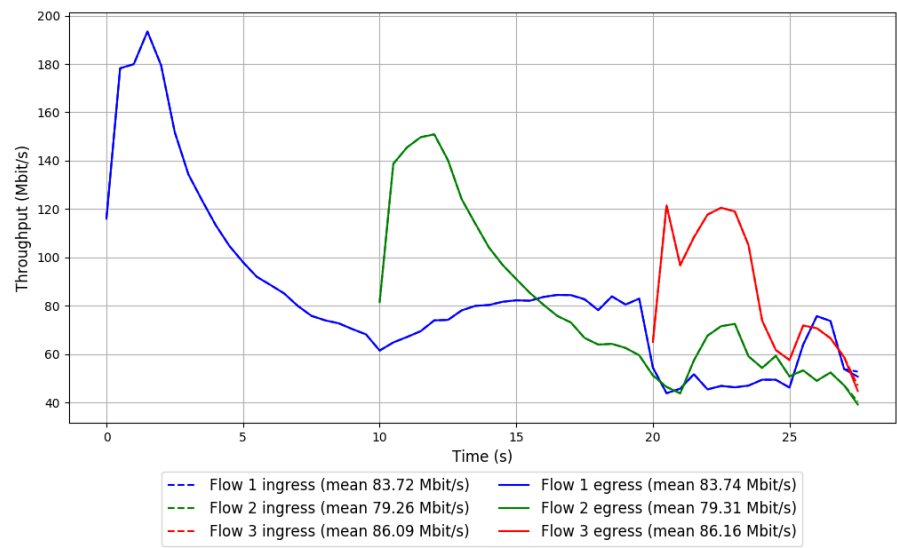


Run 6: Statistics of Copa

Start at: 2017-09-18 01:34:33  
End at: 2017-09-18 01:35:03  
Local clock offset: -3.73 ms  
Remote clock offset: -2.072 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 158.94 Mbit/s  
95th percentile per-packet one-way delay: 1.225 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 83.74 Mbit/s  
95th percentile per-packet one-way delay: 1.210 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 79.31 Mbit/s  
95th percentile per-packet one-way delay: 1.240 ms  
Loss rate: 0.05%  
-- Flow 3:  
Average throughput: 86.16 Mbit/s  
95th percentile per-packet one-way delay: 1.231 ms  
Loss rate: 0.18%

Run 6: Report of Copa — Data Link

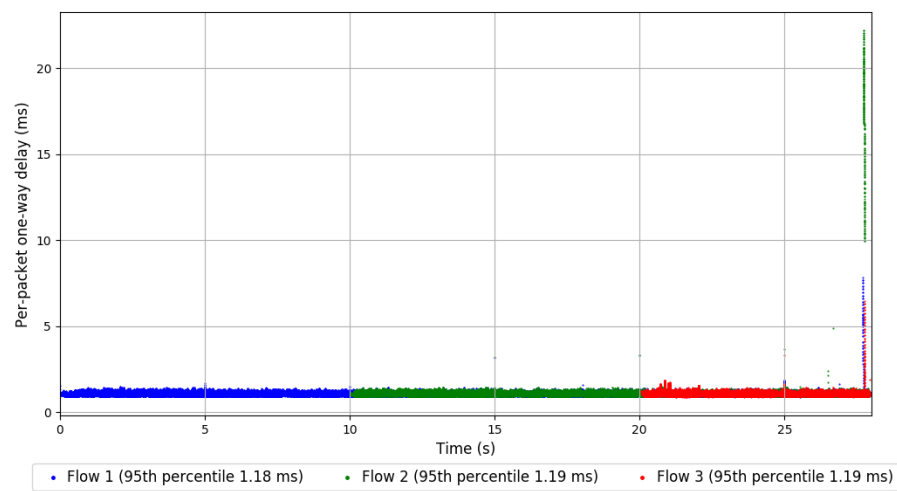
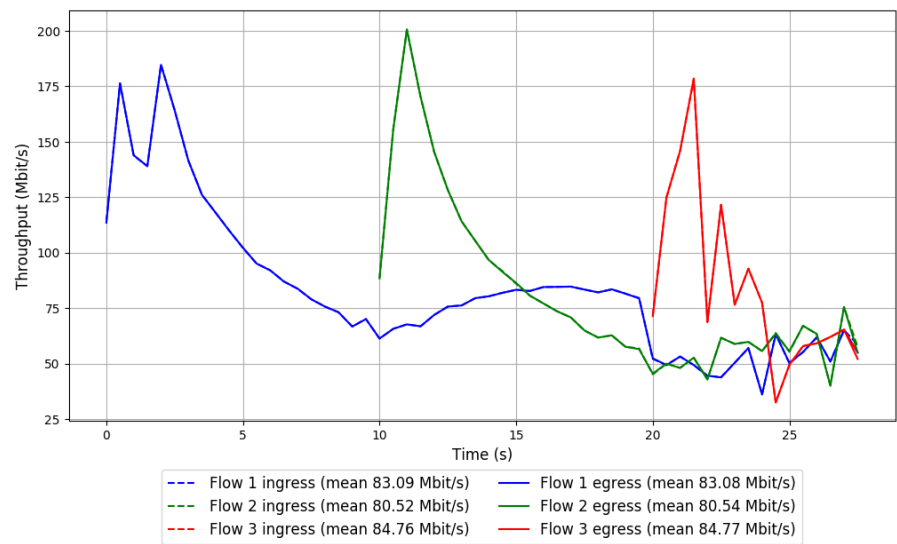


Run 7: Statistics of Copa

Start at: 2017-09-18 01:57:01  
End at: 2017-09-18 01:57:31  
Local clock offset: -4.016 ms  
Remote clock offset: -2.002 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 158.68 Mbit/s  
95th percentile per-packet one-way delay: 1.185 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 83.08 Mbit/s  
95th percentile per-packet one-way delay: 1.181 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 80.54 Mbit/s  
95th percentile per-packet one-way delay: 1.187 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 84.77 Mbit/s  
95th percentile per-packet one-way delay: 1.193 ms  
Loss rate: 0.24%

Run 7: Report of Copa — Data Link

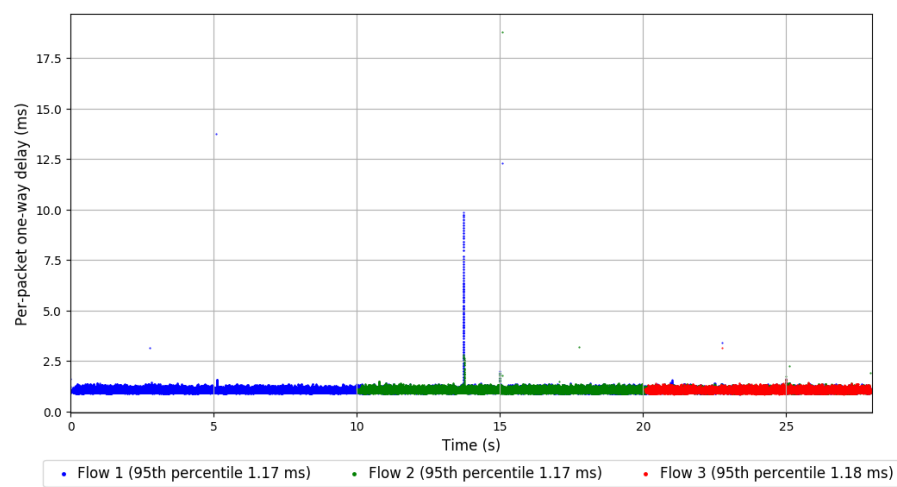
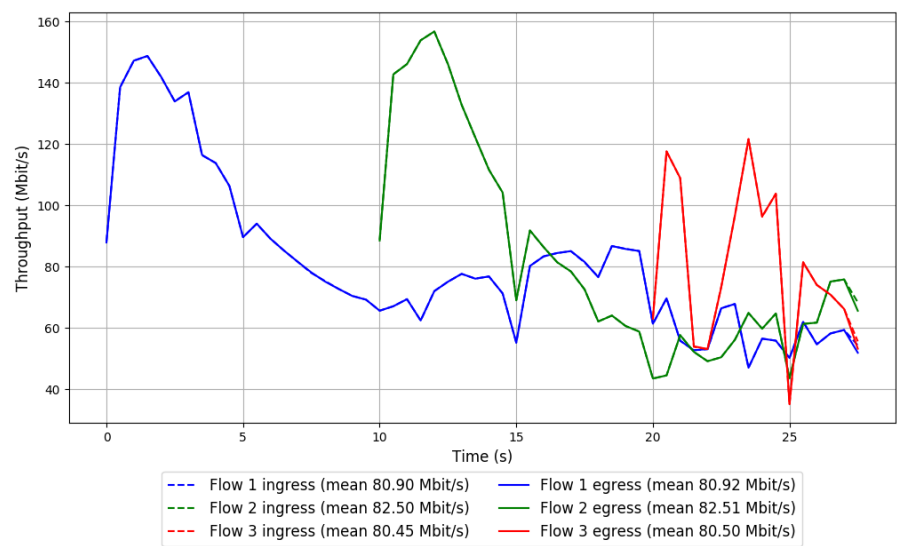


Run 8: Statistics of Copa

Start at: 2017-09-18 02:19:33  
End at: 2017-09-18 02:20:03  
Local clock offset: -3.857 ms  
Remote clock offset: -2.021 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 156.60 Mbit/s  
95th percentile per-packet one-way delay: 1.172 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 80.92 Mbit/s  
95th percentile per-packet one-way delay: 1.171 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 82.51 Mbit/s  
95th percentile per-packet one-way delay: 1.171 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 80.50 Mbit/s  
95th percentile per-packet one-way delay: 1.176 ms  
Loss rate: 0.20%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-09-18 02:42:04

End at: 2017-09-18 02:42:34

Local clock offset: -3.525 ms

Remote clock offset: -1.82 ms

# Below is generated by plot.py at 2017-09-18 08:26:40

# Datalink statistics

-- Total of 3 flows:

Average throughput: 157.26 Mbit/s

95th percentile per-packet one-way delay: 1.309 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 80.27 Mbit/s

95th percentile per-packet one-way delay: 1.296 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 80.74 Mbit/s

95th percentile per-packet one-way delay: 1.321 ms

Loss rate: 0.10%

-- Flow 3:

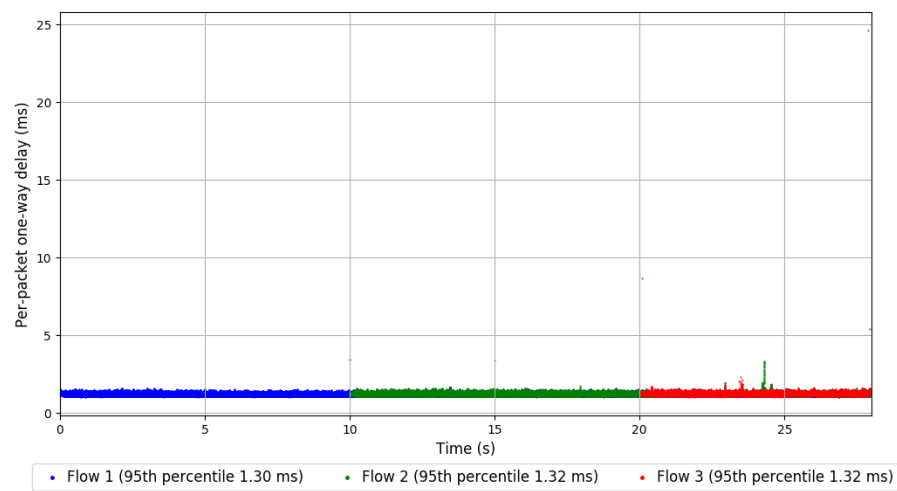
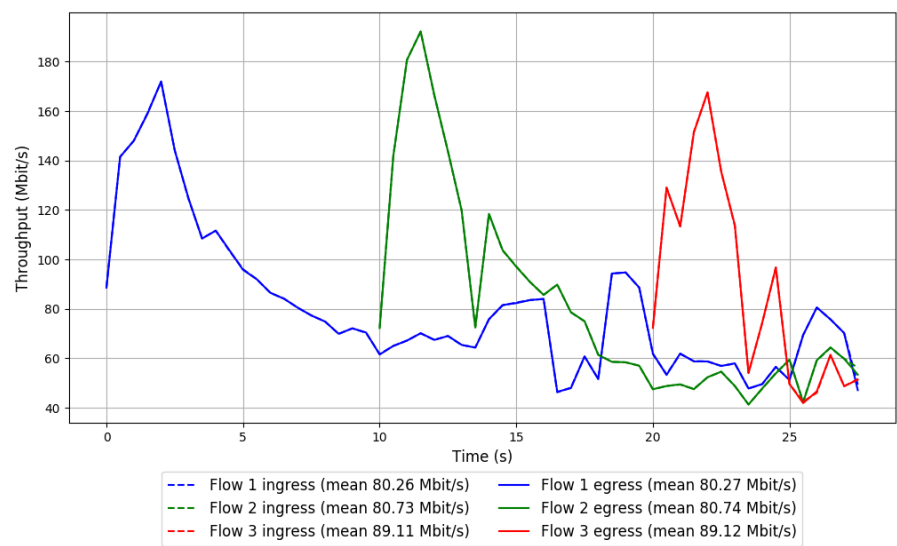
Average throughput: 89.12 Mbit/s

95th percentile per-packet one-way delay: 1.318 ms

Loss rate: 0.02%



Run 9: Report of Copa — Data Link

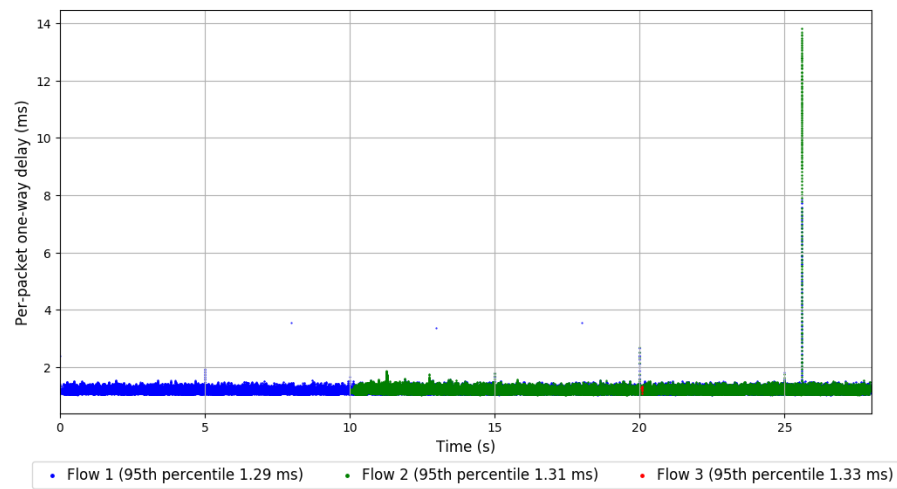
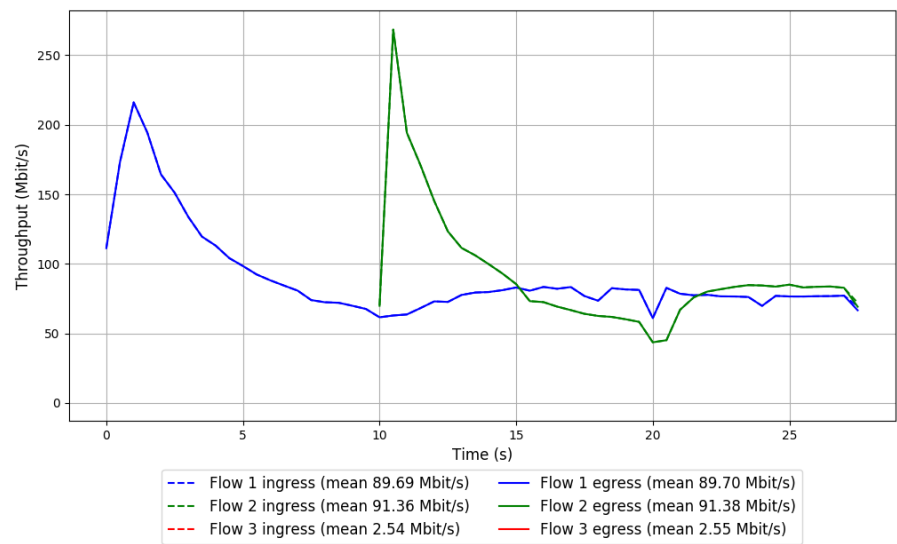


Run 10: Statistics of Copa

Start at: 2017-09-18 03:04:37  
End at: 2017-09-18 03:05:07  
Local clock offset: -3.462 ms  
Remote clock offset: -1.759 ms

# Below is generated by plot.py at 2017-09-18 08:26:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 148.27 Mbit/s  
95th percentile per-packet one-way delay: 1.299 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 89.70 Mbit/s  
95th percentile per-packet one-way delay: 1.292 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 91.38 Mbit/s  
95th percentile per-packet one-way delay: 1.308 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 2.55 Mbit/s  
95th percentile per-packet one-way delay: 1.327 ms  
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

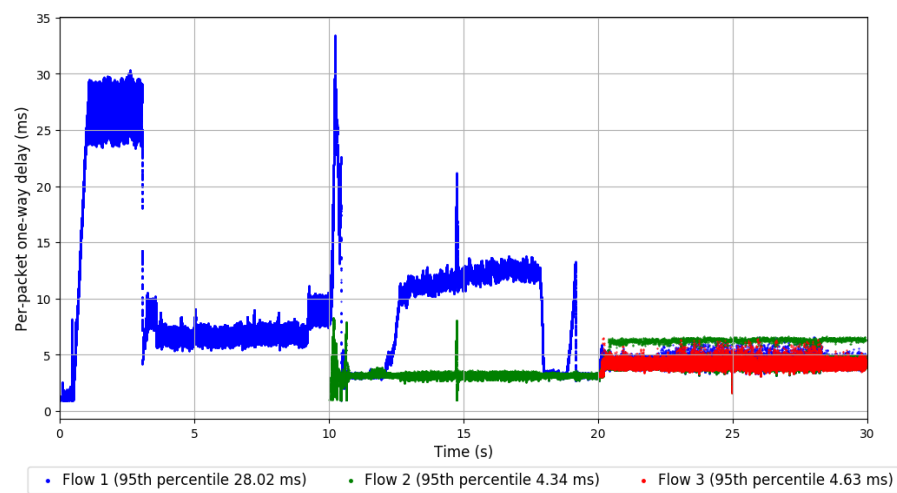
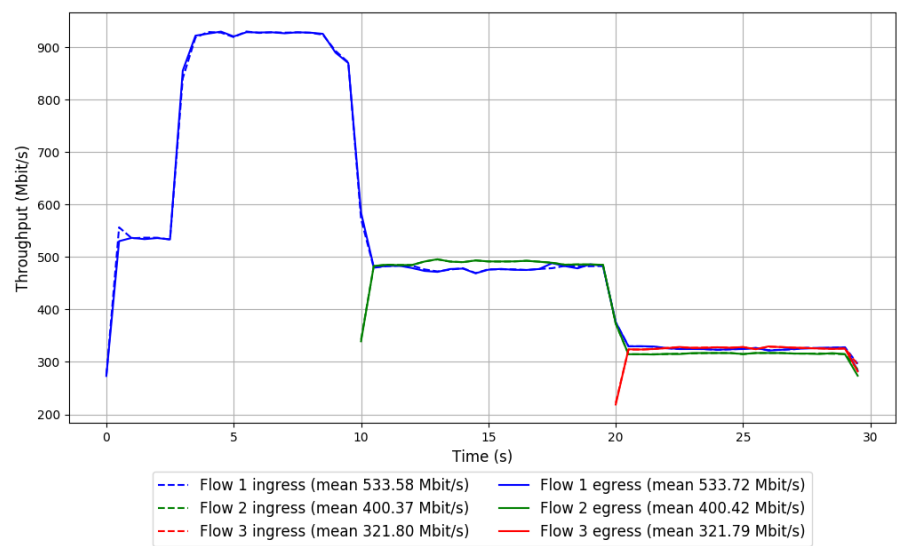


Run 1: Statistics of TCP Cubic

Start at: 2017-09-17 23:40:06  
End at: 2017-09-17 23:40:36  
Local clock offset: -0.461 ms  
Remote clock offset: -3.076 ms

# Below is generated by plot.py at 2017-09-18 08:35:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 906.78 Mbit/s  
95th percentile per-packet one-way delay: 17.174 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 533.72 Mbit/s  
95th percentile per-packet one-way delay: 28.021 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 400.42 Mbit/s  
95th percentile per-packet one-way delay: 4.338 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 321.79 Mbit/s  
95th percentile per-packet one-way delay: 4.626 ms  
Loss rate: 0.25%

Run 1: Report of TCP Cubic — Data Link

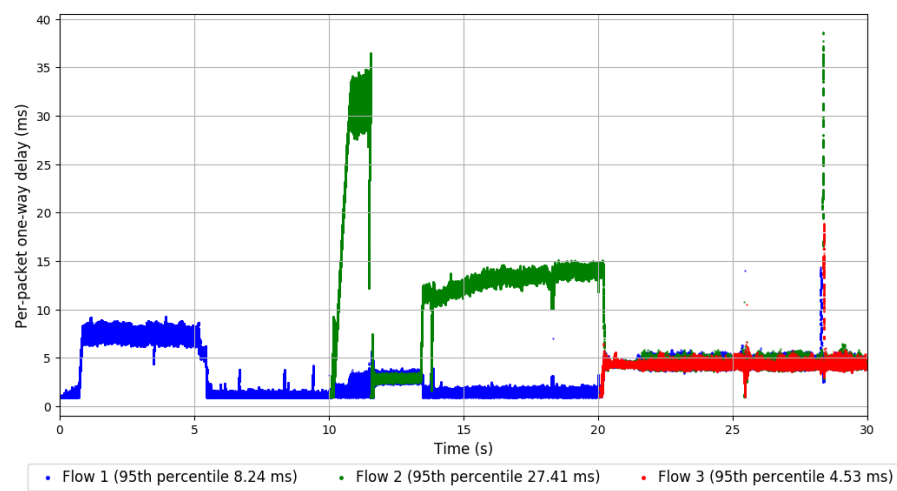
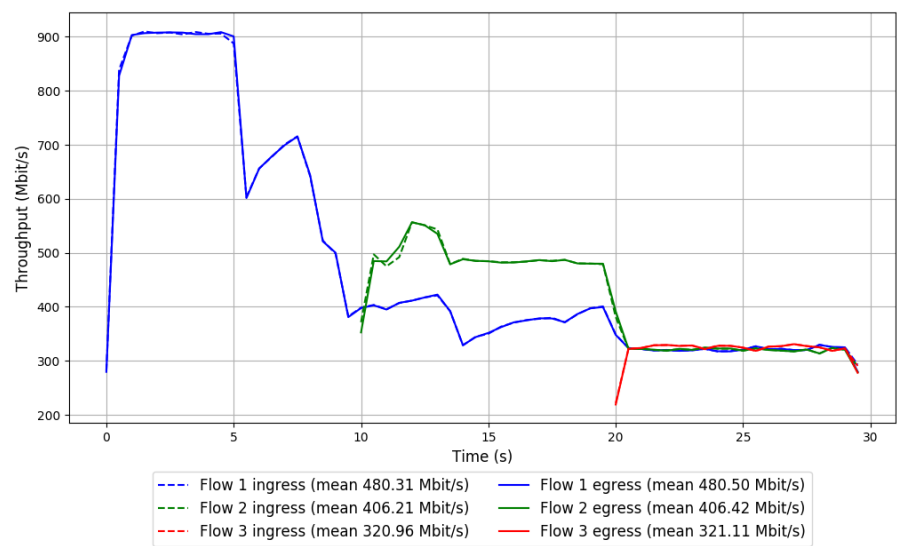


Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 00:02:44  
End at: 2017-09-18 00:03:14  
Local clock offset: -1.096 ms  
Remote clock offset: -2.504 ms

# Below is generated by plot.py at 2017-09-18 08:35:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 857.23 Mbit/s  
95th percentile per-packet one-way delay: 13.823 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 480.50 Mbit/s  
95th percentile per-packet one-way delay: 8.239 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 406.42 Mbit/s  
95th percentile per-packet one-way delay: 27.414 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 321.11 Mbit/s  
95th percentile per-packet one-way delay: 4.528 ms  
Loss rate: 0.24%

Run 2: Report of TCP Cubic — Data Link



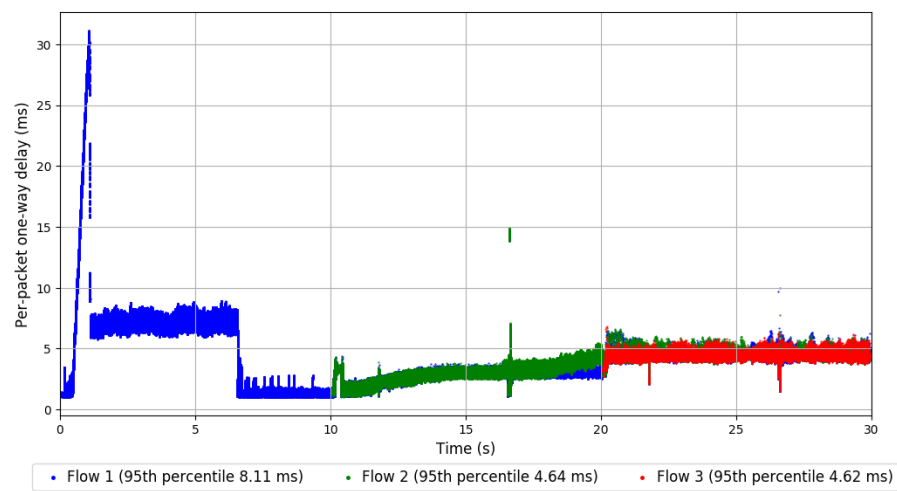
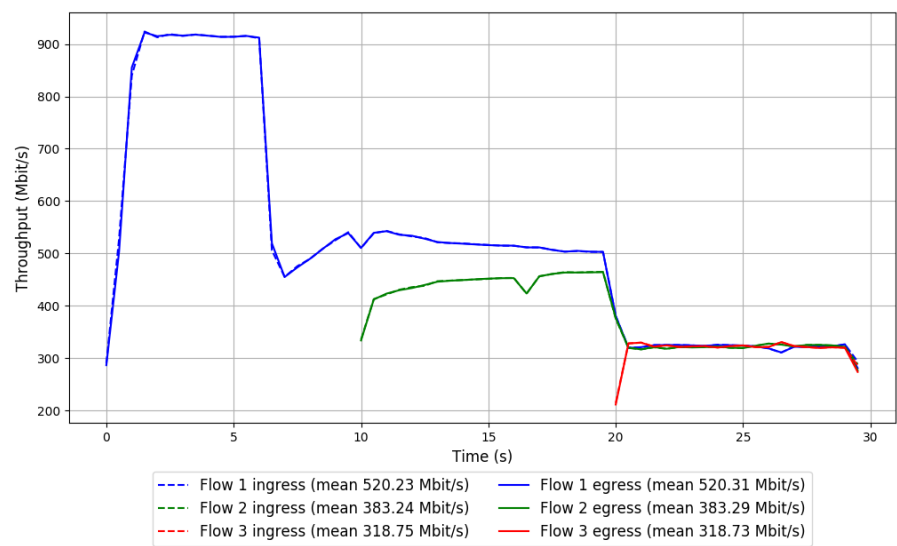
Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 00:25:13  
End at: 2017-09-18 00:25:43  
Local clock offset: -1.609 ms  
Remote clock offset: -2.083 ms

# Below is generated by plot.py at 2017-09-18 08:36:52  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 880.78 Mbit/s  
95th percentile per-packet one-way delay: 7.952 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 520.31 Mbit/s  
95th percentile per-packet one-way delay: 8.111 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 383.29 Mbit/s  
95th percentile per-packet one-way delay: 4.640 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 318.73 Mbit/s  
95th percentile per-packet one-way delay: 4.624 ms  
Loss rate: 0.24%



Run 3: Report of TCP Cubic — Data Link

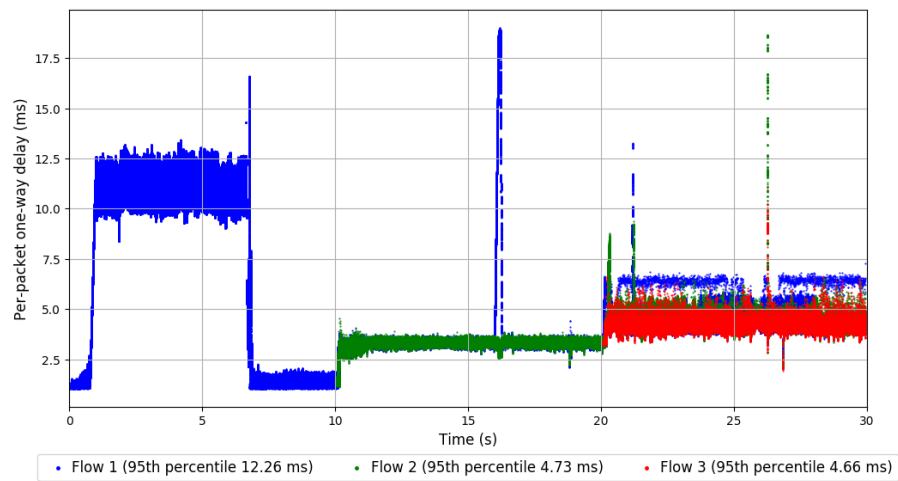
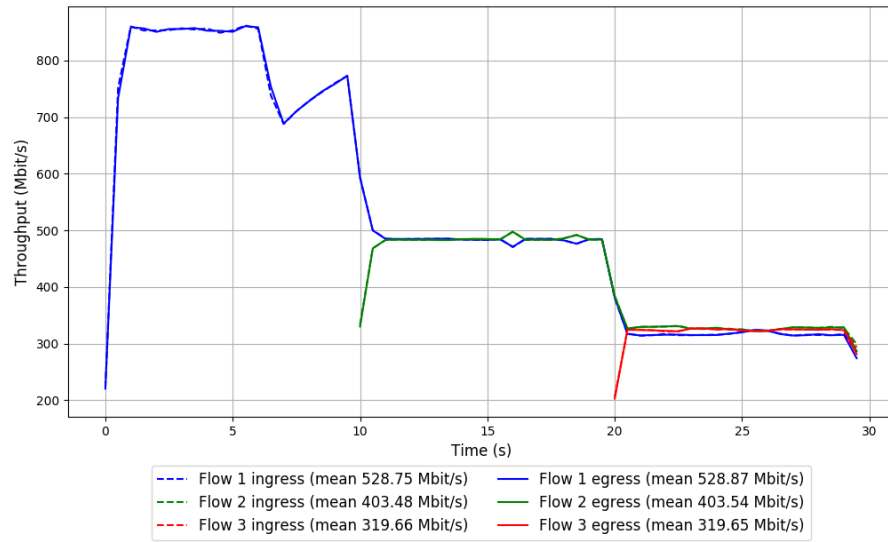


Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 00:47:29  
End at: 2017-09-18 00:47:59  
Local clock offset: -2.452 ms  
Remote clock offset: -2.369 ms

# Below is generated by plot.py at 2017-09-18 08:37:58  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 903.08 Mbit/s  
95th percentile per-packet one-way delay: 12.027 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 528.87 Mbit/s  
95th percentile per-packet one-way delay: 12.264 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 403.54 Mbit/s  
95th percentile per-packet one-way delay: 4.727 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 319.65 Mbit/s  
95th percentile per-packet one-way delay: 4.663 ms  
Loss rate: 0.23%

# Run 4: Report of TCP Cubic — Data Link

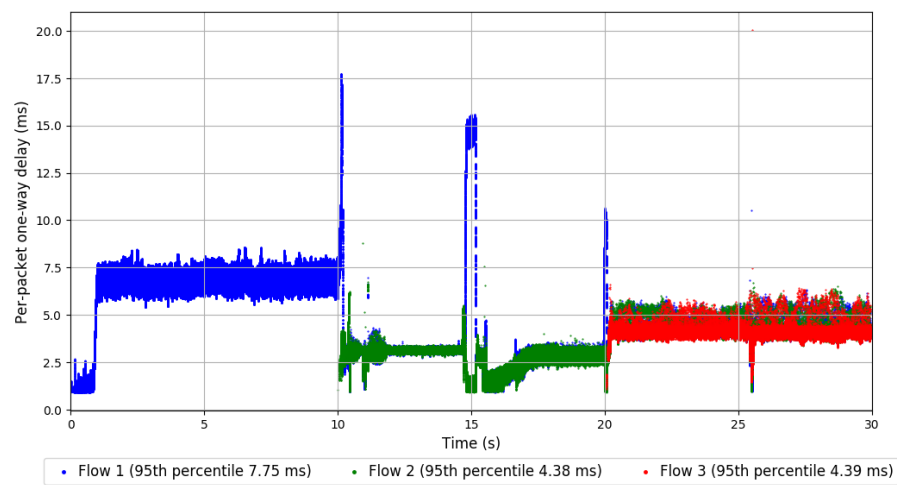
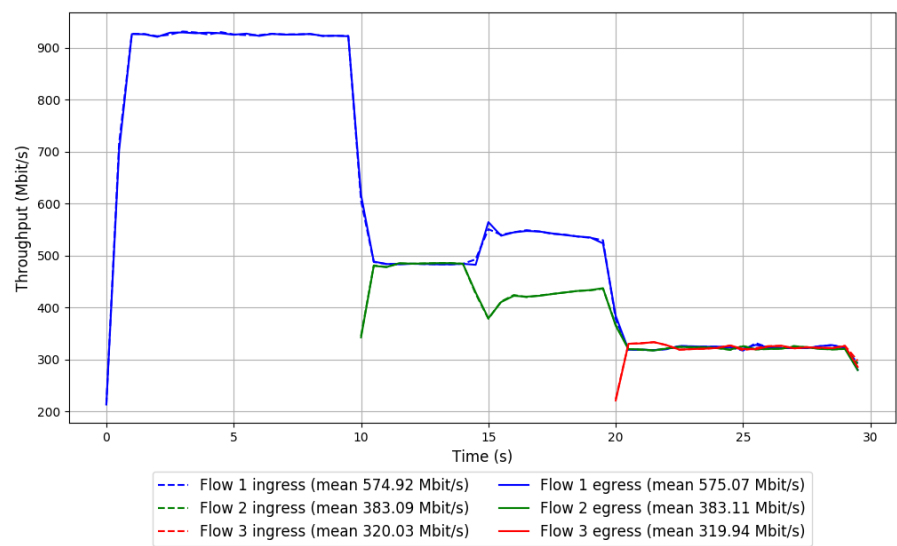


Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 01:09:59  
End at: 2017-09-18 01:10:29  
Local clock offset: -3.496 ms  
Remote clock offset: -2.251 ms

# Below is generated by plot.py at 2017-09-18 08:38:31  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 935.99 Mbit/s  
95th percentile per-packet one-way delay: 7.628 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 575.07 Mbit/s  
95th percentile per-packet one-way delay: 7.745 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 383.11 Mbit/s  
95th percentile per-packet one-way delay: 4.381 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 319.94 Mbit/s  
95th percentile per-packet one-way delay: 4.387 ms  
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

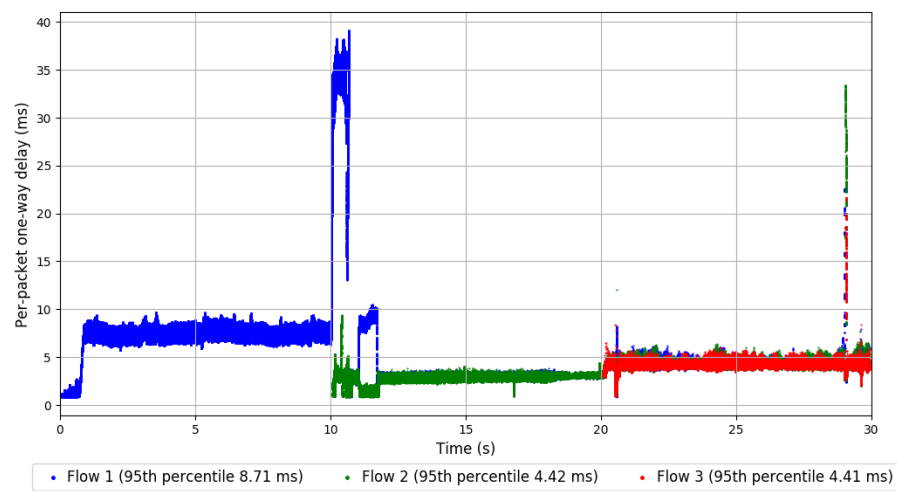
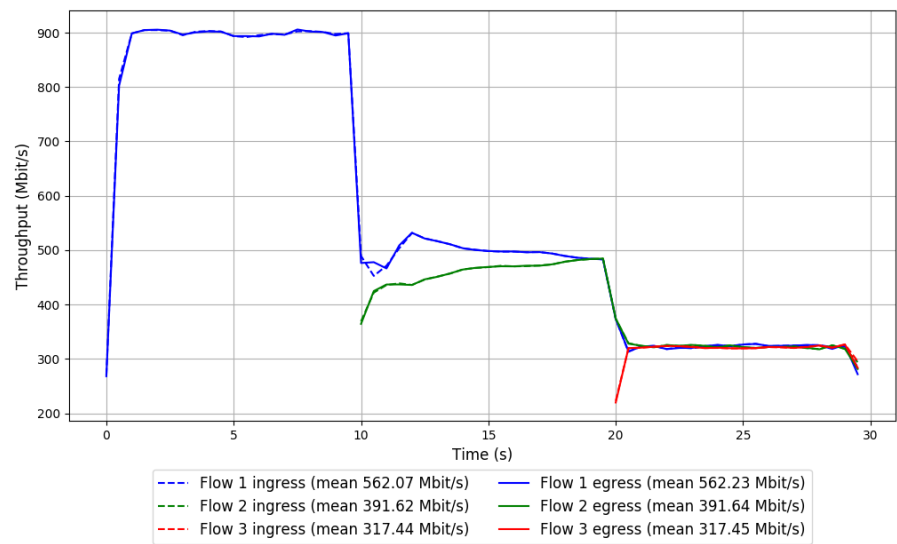


Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 01:32:44  
End at: 2017-09-18 01:33:14  
Local clock offset: -3.784 ms  
Remote clock offset: -2.035 ms

# Below is generated by plot.py at 2017-09-18 08:39:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 928.11 Mbit/s  
95th percentile per-packet one-way delay: 8.509 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 562.23 Mbit/s  
95th percentile per-packet one-way delay: 8.715 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 391.64 Mbit/s  
95th percentile per-packet one-way delay: 4.423 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 317.45 Mbit/s  
95th percentile per-packet one-way delay: 4.409 ms  
Loss rate: 0.23%

Run 6: Report of TCP Cubic — Data Link



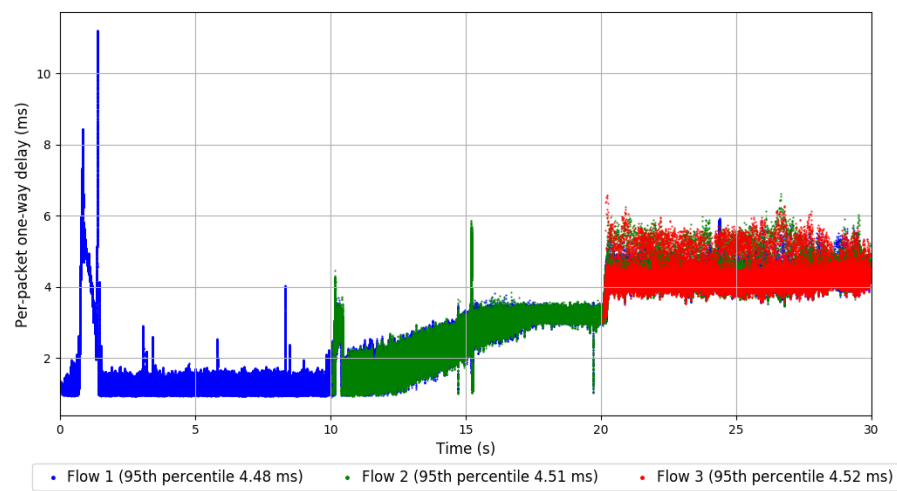
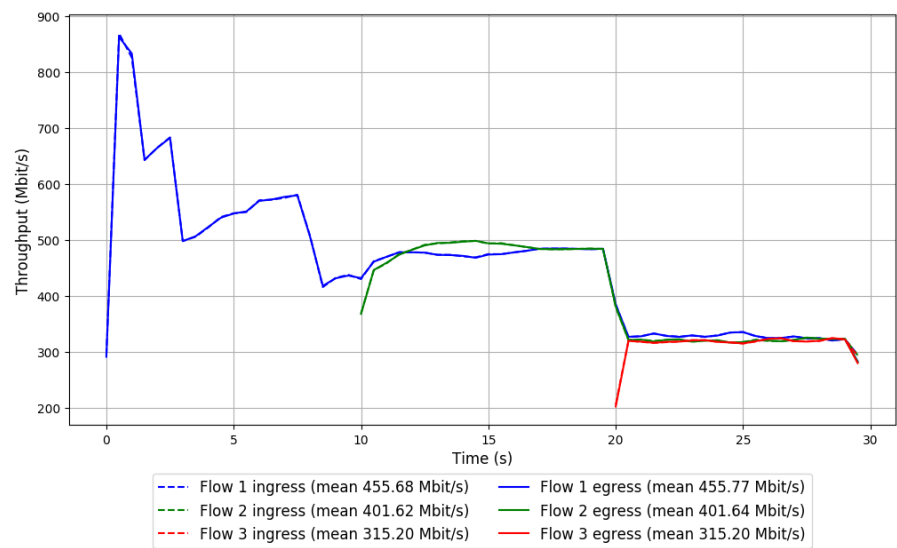
Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 01:55:16  
End at: 2017-09-18 01:55:46  
Local clock offset: -3.946 ms  
Remote clock offset: -1.937 ms

# Below is generated by plot.py at 2017-09-18 08:39:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 827.32 Mbit/s  
95th percentile per-packet one-way delay: 4.499 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 455.77 Mbit/s  
95th percentile per-packet one-way delay: 4.479 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 401.64 Mbit/s  
95th percentile per-packet one-way delay: 4.510 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 315.20 Mbit/s  
95th percentile per-packet one-way delay: 4.517 ms  
Loss rate: 0.24%



Run 7: Report of TCP Cubic — Data Link

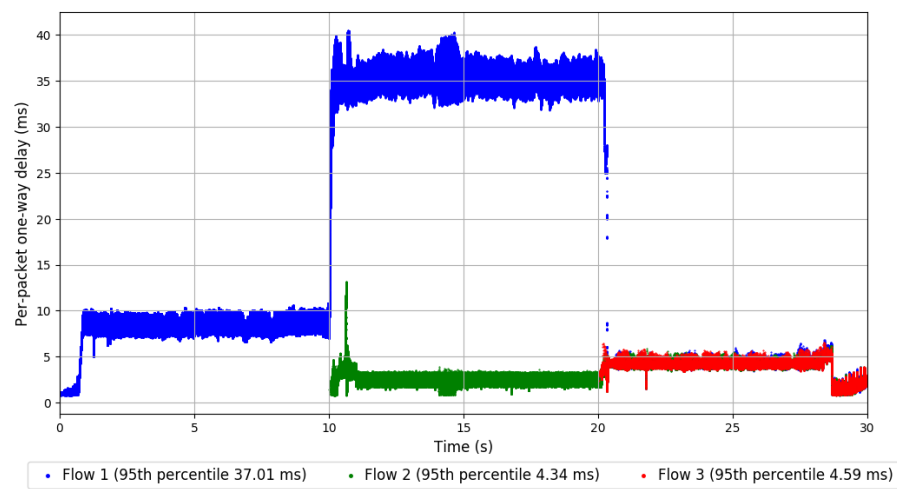
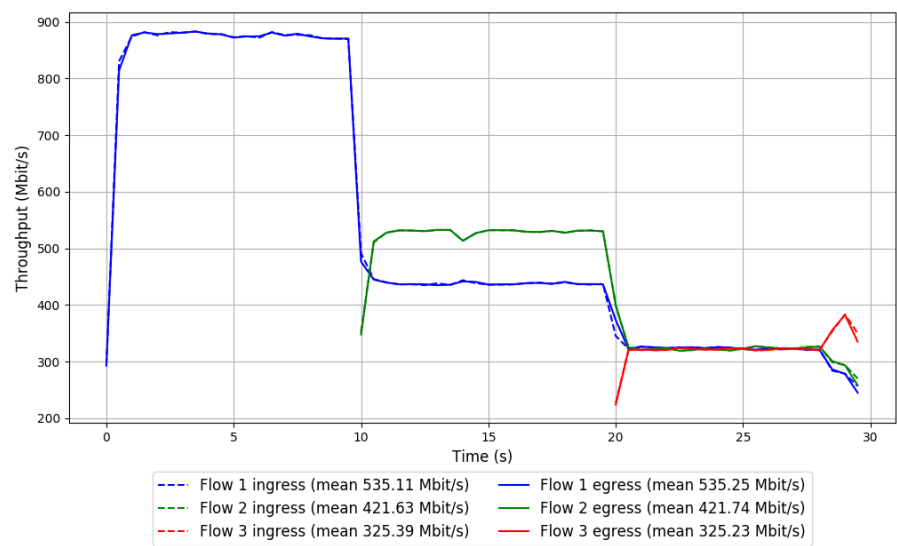


Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 02:17:44  
End at: 2017-09-18 02:18:14  
Local clock offset: -3.892 ms  
Remote clock offset: -1.913 ms

# Below is generated by plot.py at 2017-09-18 08:39:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 923.66 Mbit/s  
95th percentile per-packet one-way delay: 36.531 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 535.25 Mbit/s  
95th percentile per-packet one-way delay: 37.007 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 421.74 Mbit/s  
95th percentile per-packet one-way delay: 4.341 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 325.23 Mbit/s  
95th percentile per-packet one-way delay: 4.591 ms  
Loss rate: 0.26%

Run 8: Report of TCP Cubic — Data Link

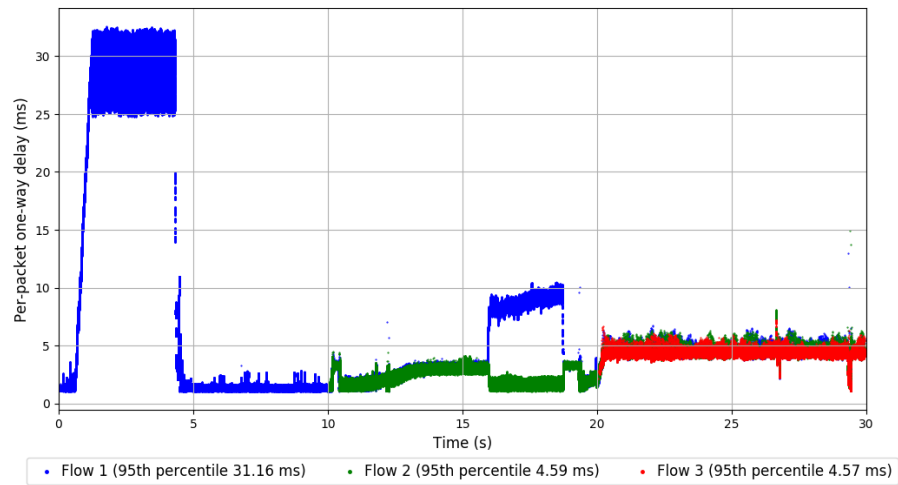
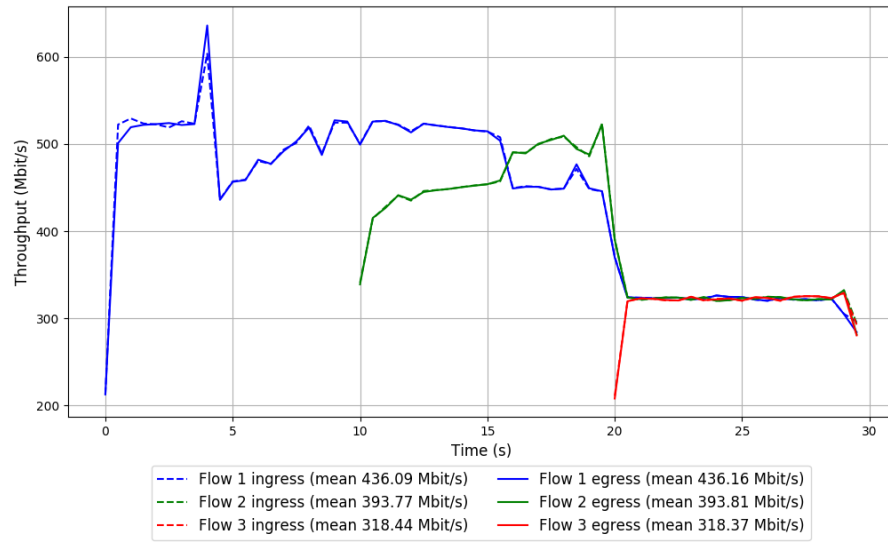


Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 02:40:21  
End at: 2017-09-18 02:40:51  
Local clock offset: -3.547 ms  
Remote clock offset: -1.831 ms

# Below is generated by plot.py at 2017-09-18 08:46:54  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 803.57 Mbit/s  
95th percentile per-packet one-way delay: 29.454 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 436.16 Mbit/s  
95th percentile per-packet one-way delay: 31.156 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 393.81 Mbit/s  
95th percentile per-packet one-way delay: 4.592 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 318.37 Mbit/s  
95th percentile per-packet one-way delay: 4.572 ms  
Loss rate: 0.23%

# Run 9: Report of TCP Cubic — Data Link

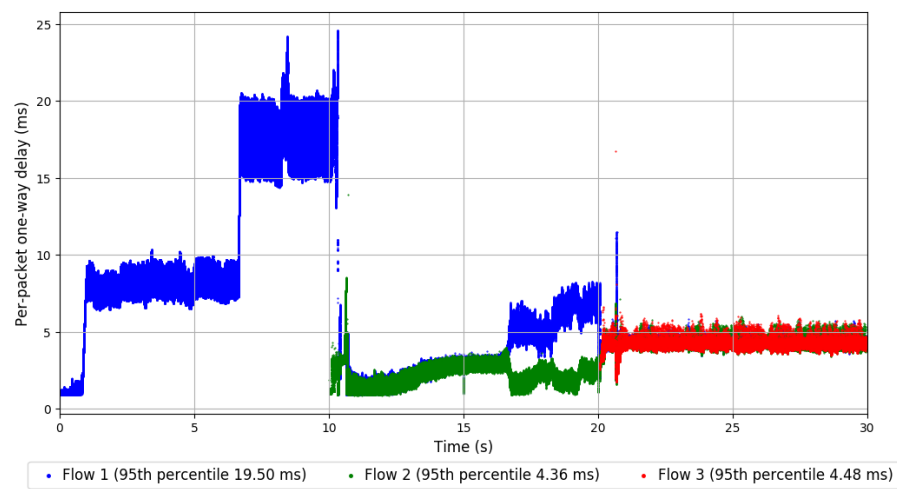
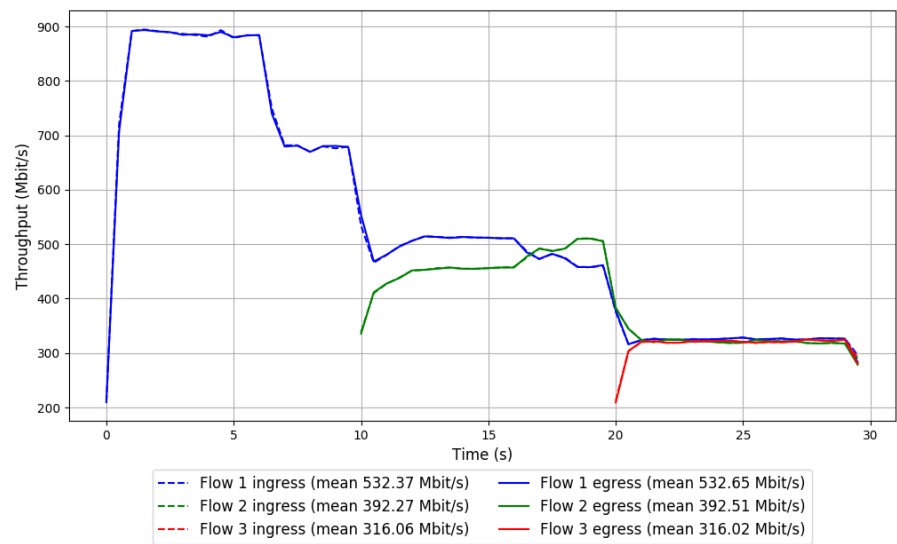


Run 10: Statistics of TCP Cubic

Start at: 2017-09-18 03:02:49  
End at: 2017-09-18 03:03:19  
Local clock offset: -3.585 ms  
Remote clock offset: -1.697 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 898.46 Mbit/s  
95th percentile per-packet one-way delay: 18.497 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 532.65 Mbit/s  
95th percentile per-packet one-way delay: 19.498 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 392.51 Mbit/s  
95th percentile per-packet one-way delay: 4.360 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 316.02 Mbit/s  
95th percentile per-packet one-way delay: 4.479 ms  
Loss rate: 0.23%

Run 10: Report of TCP Cubic — Data Link



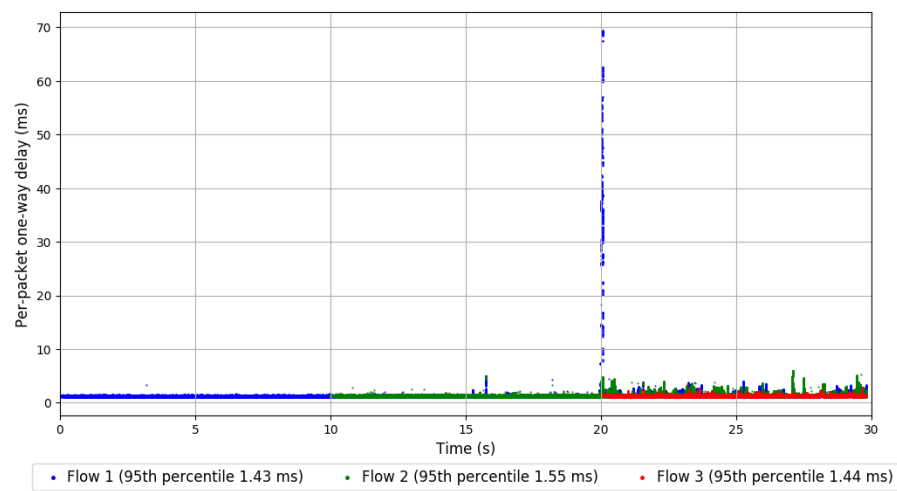
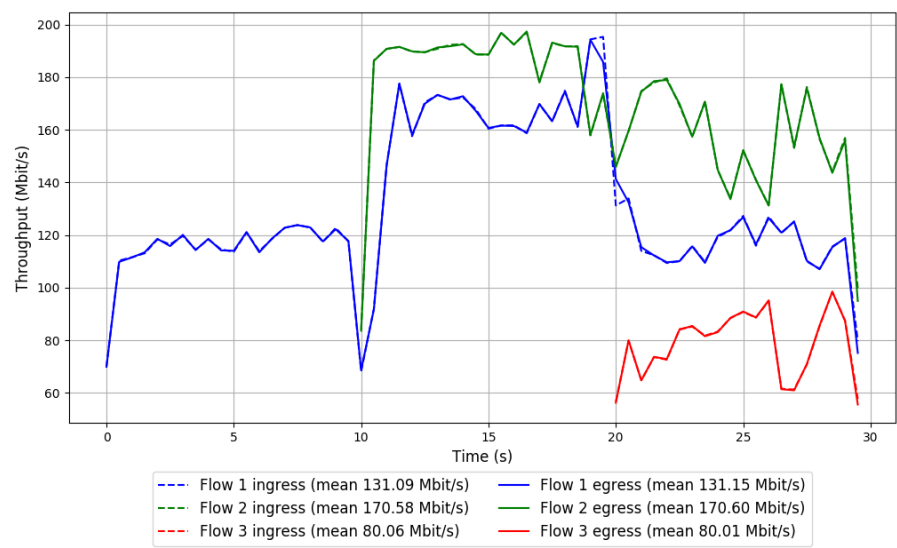
Run 1: Statistics of Indigo

Start at: 2017-09-17 23:50:39  
End at: 2017-09-17 23:51:09  
Local clock offset: -0.631 ms  
Remote clock offset: -2.794 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 270.67 Mbit/s  
95th percentile per-packet one-way delay: 1.477 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 131.15 Mbit/s  
95th percentile per-packet one-way delay: 1.433 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 170.60 Mbit/s  
95th percentile per-packet one-way delay: 1.549 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 80.01 Mbit/s  
95th percentile per-packet one-way delay: 1.438 ms  
Loss rate: 0.14%



Run 1: Report of Indigo — Data Link

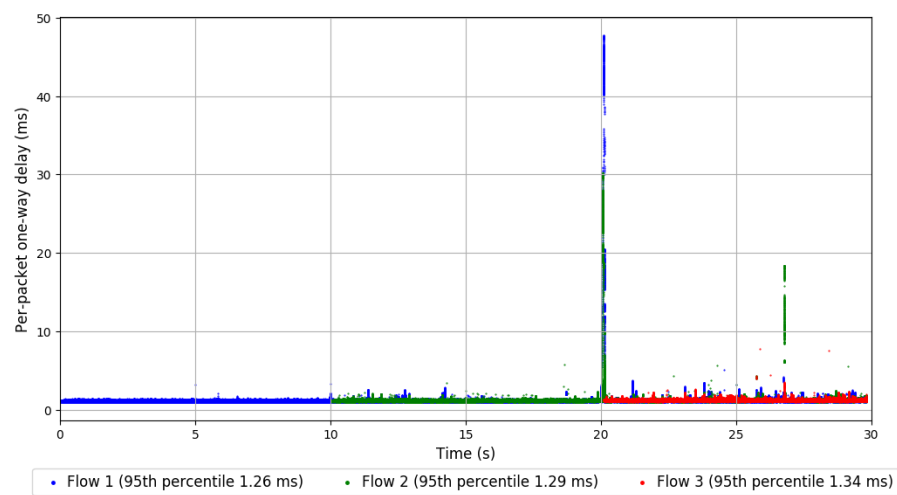
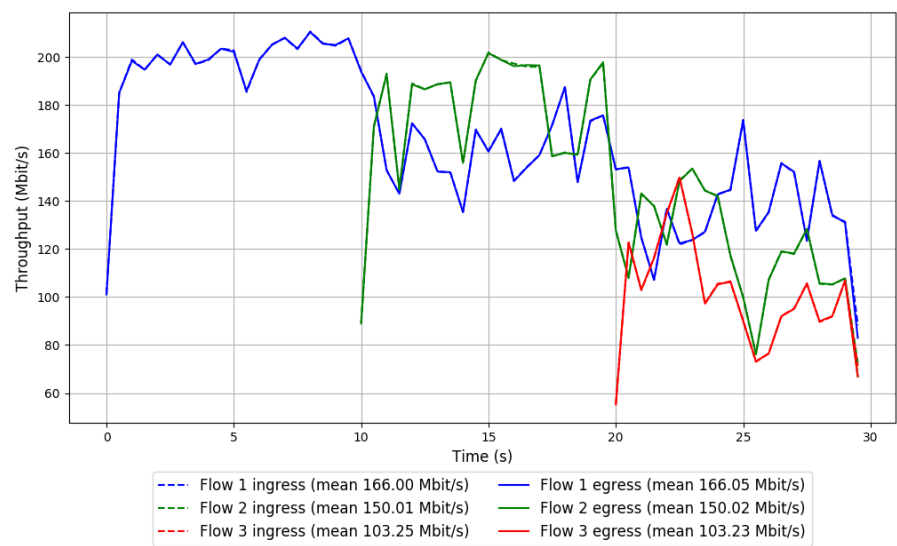


Run 2: Statistics of Indigo

Start at: 2017-09-18 00:13:14  
End at: 2017-09-18 00:13:44  
Local clock offset: -1.317 ms  
Remote clock offset: -2.391 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 299.20 Mbit/s  
95th percentile per-packet one-way delay: 1.284 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 166.05 Mbit/s  
95th percentile per-packet one-way delay: 1.262 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 150.02 Mbit/s  
95th percentile per-packet one-way delay: 1.291 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 103.23 Mbit/s  
95th percentile per-packet one-way delay: 1.344 ms  
Loss rate: 0.22%

Run 2: Report of Indigo — Data Link

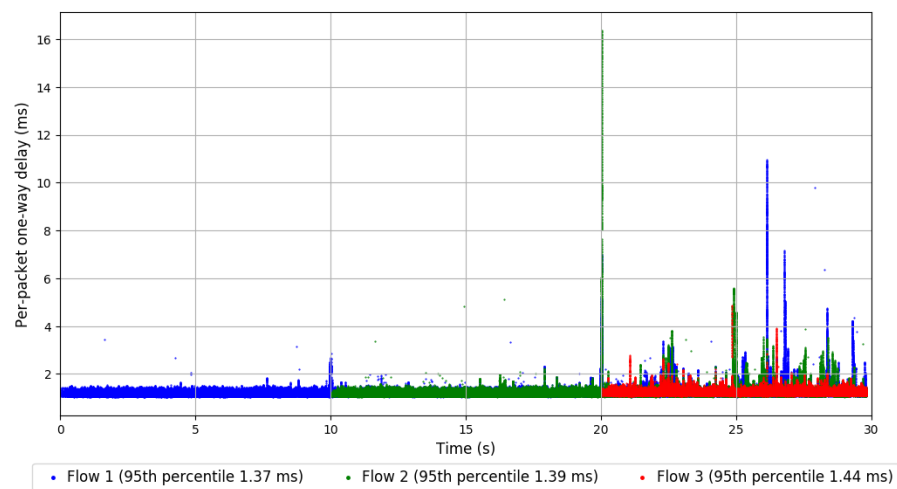
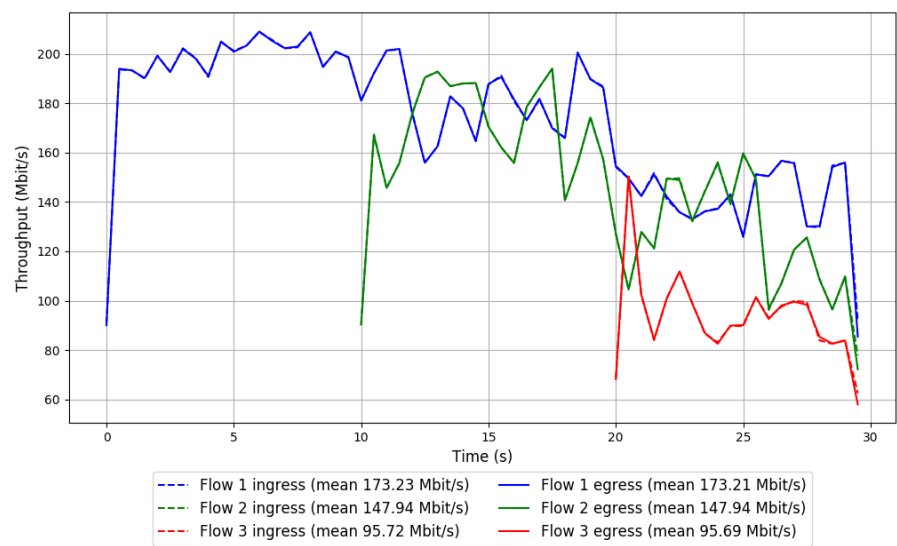


Run 3: Statistics of Indigo

Start at: 2017-09-18 00:35:31  
End at: 2017-09-18 00:36:01  
Local clock offset: -1.993 ms  
Remote clock offset: -2.206 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 302.70 Mbit/s  
95th percentile per-packet one-way delay: 1.386 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 173.21 Mbit/s  
95th percentile per-packet one-way delay: 1.370 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 147.94 Mbit/s  
95th percentile per-packet one-way delay: 1.392 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 95.69 Mbit/s  
95th percentile per-packet one-way delay: 1.442 ms  
Loss rate: 0.24%

Run 3: Report of Indigo — Data Link

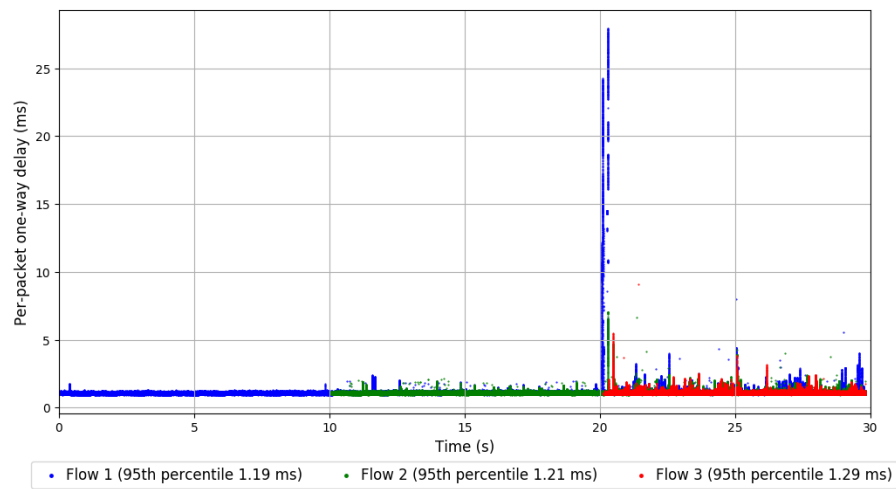
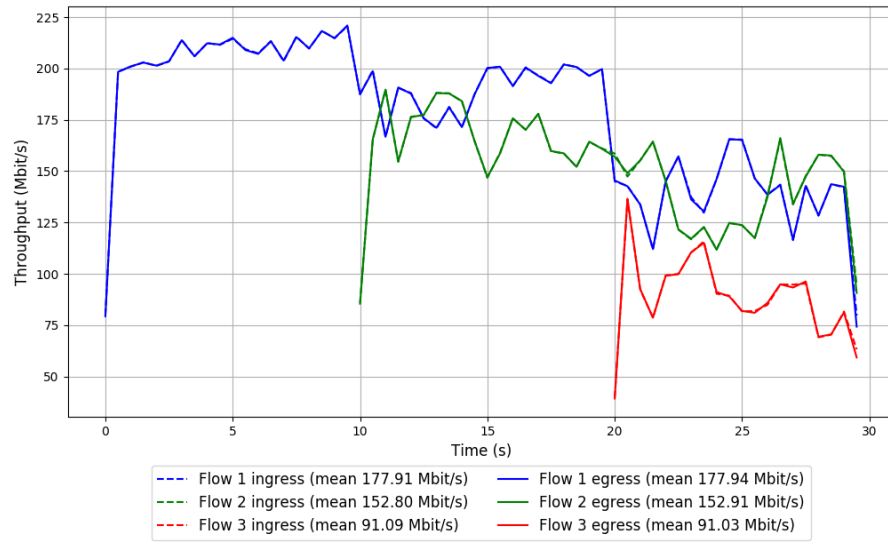


Run 4: Statistics of Indigo

Start at: 2017-09-18 00:57:47  
End at: 2017-09-18 00:58:17  
Local clock offset: -2.964 ms  
Remote clock offset: -2.366 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 308.94 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 177.94 Mbit/s  
95th percentile per-packet one-way delay: 1.194 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 152.91 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 91.03 Mbit/s  
95th percentile per-packet one-way delay: 1.293 ms  
Loss rate: 0.25%

#### Run 4: Report of Indigo — Data Link



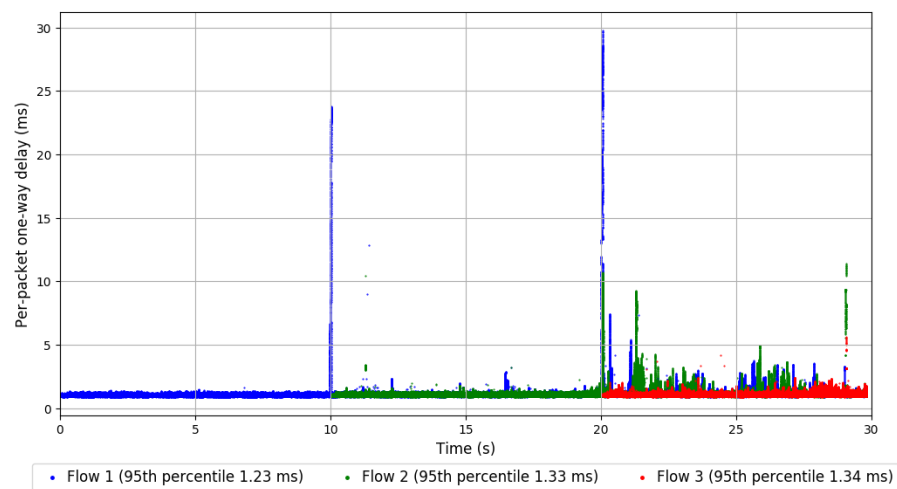
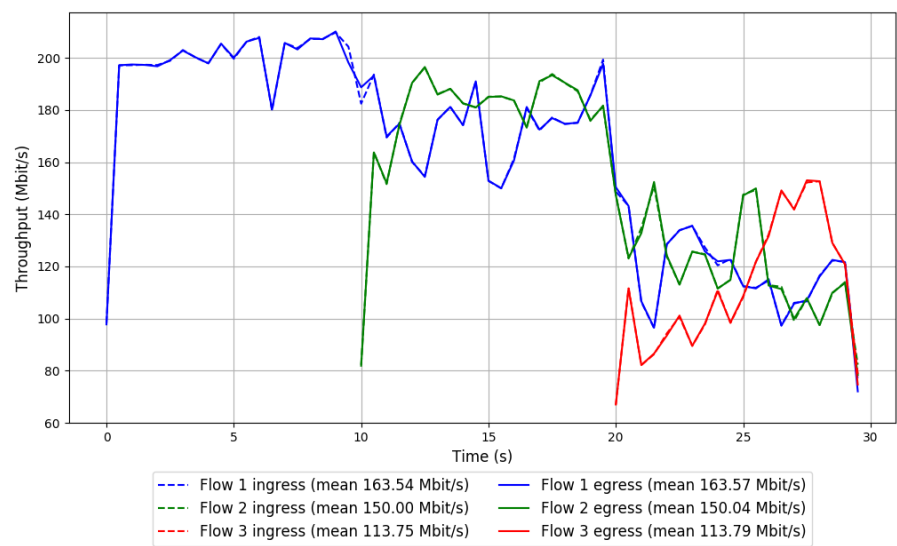
Run 5: Statistics of Indigo

Start at: 2017-09-18 01:20:33  
End at: 2017-09-18 01:21:03  
Local clock offset: -3.534 ms  
Remote clock offset: -2.148 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 300.43 Mbit/s  
95th percentile per-packet one-way delay: 1.276 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 163.57 Mbit/s  
95th percentile per-packet one-way delay: 1.234 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 150.04 Mbit/s  
95th percentile per-packet one-way delay: 1.331 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 113.79 Mbit/s  
95th percentile per-packet one-way delay: 1.336 ms  
Loss rate: 0.18%



Run 5: Report of Indigo — Data Link

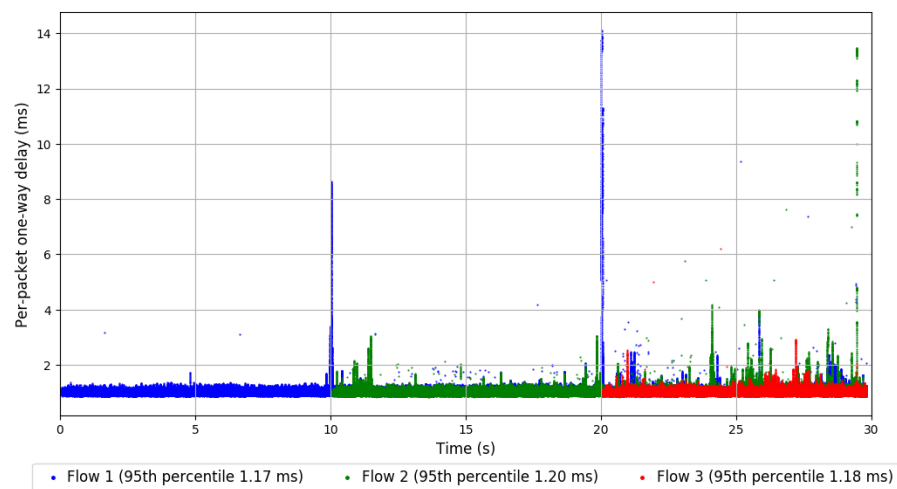
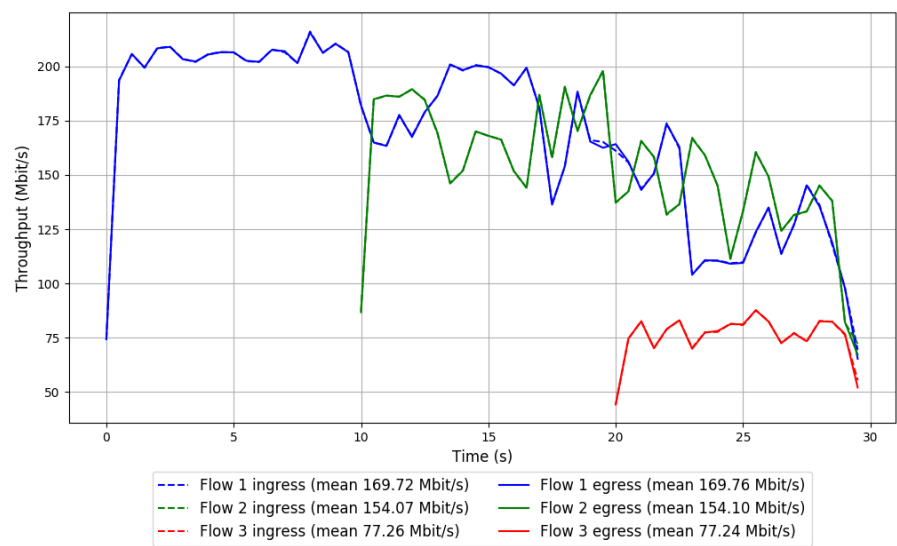


Run 6: Statistics of Indigo

Start at: 2017-09-18 01:43:17  
End at: 2017-09-18 01:43:47  
Local clock offset: -4.069 ms  
Remote clock offset: -1.975 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 297.25 Mbit/s  
95th percentile per-packet one-way delay: 1.177 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 169.76 Mbit/s  
95th percentile per-packet one-way delay: 1.167 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 154.10 Mbit/s  
95th percentile per-packet one-way delay: 1.196 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 77.24 Mbit/s  
95th percentile per-packet one-way delay: 1.181 ms  
Loss rate: 0.22%

Run 6: Report of Indigo — Data Link

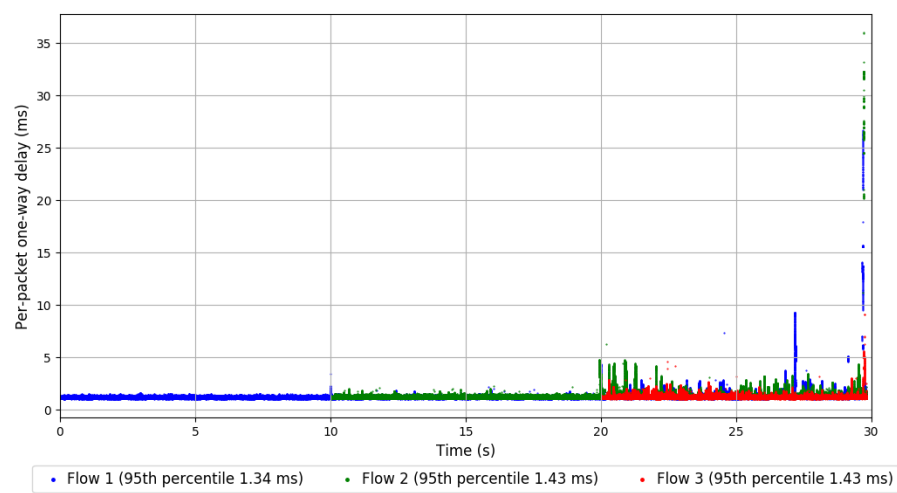
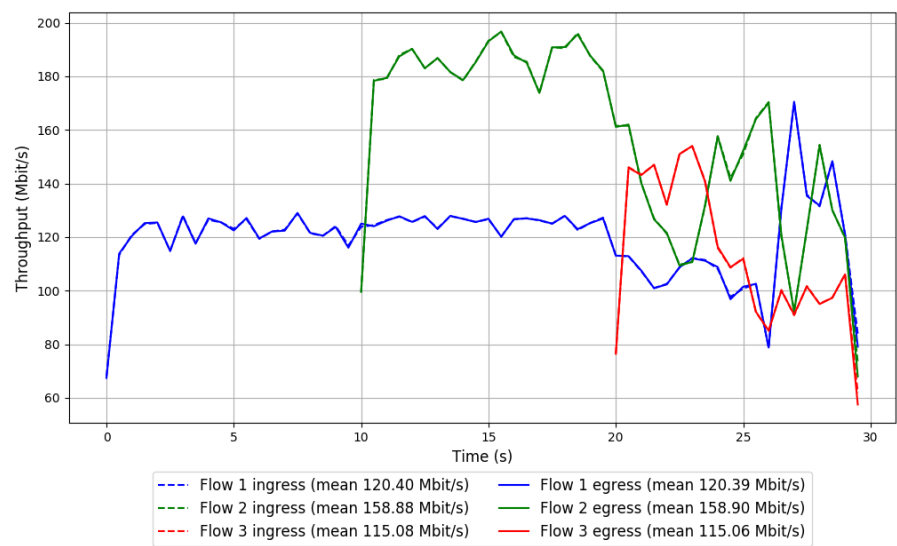


Run 7: Statistics of Indigo

Start at: 2017-09-18 02:05:42  
End at: 2017-09-18 02:06:12  
Local clock offset: -3.879 ms  
Remote clock offset: -2.013 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 263.67 Mbit/s  
95th percentile per-packet one-way delay: 1.392 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 120.39 Mbit/s  
95th percentile per-packet one-way delay: 1.344 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 158.90 Mbit/s  
95th percentile per-packet one-way delay: 1.431 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 115.06 Mbit/s  
95th percentile per-packet one-way delay: 1.432 ms  
Loss rate: 0.21%

Run 7: Report of Indigo — Data Link

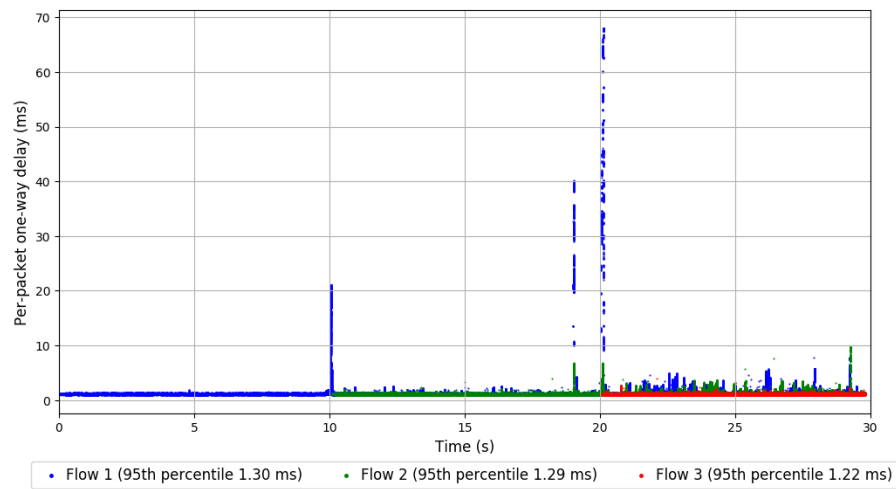
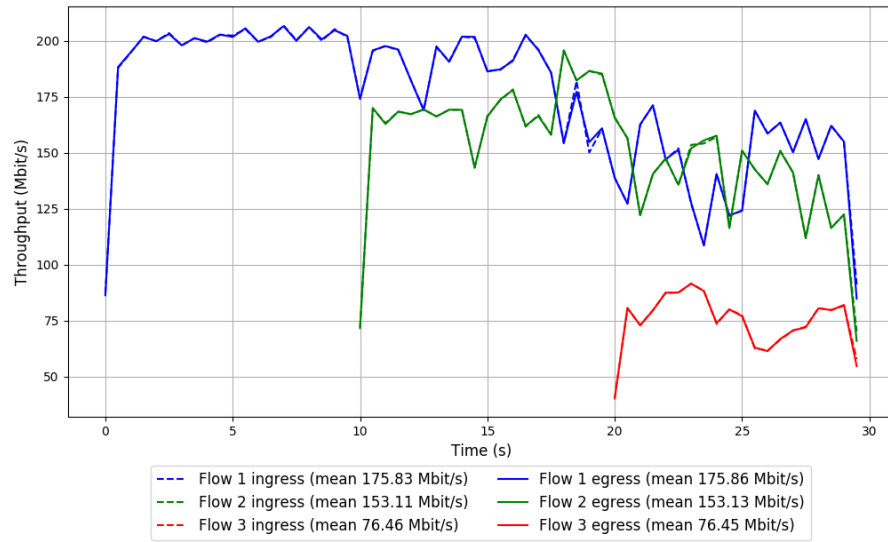


Run 8: Statistics of Indigo

Start at: 2017-09-18 02:28:15  
End at: 2017-09-18 02:28:45  
Local clock offset: -3.627 ms  
Remote clock offset: -1.956 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 302.09 Mbit/s  
95th percentile per-packet one-way delay: 1.289 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 175.86 Mbit/s  
95th percentile per-packet one-way delay: 1.300 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 153.13 Mbit/s  
95th percentile per-packet one-way delay: 1.294 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 76.45 Mbit/s  
95th percentile per-packet one-way delay: 1.221 ms  
Loss rate: 0.21%

## Run 8: Report of Indigo — Data Link



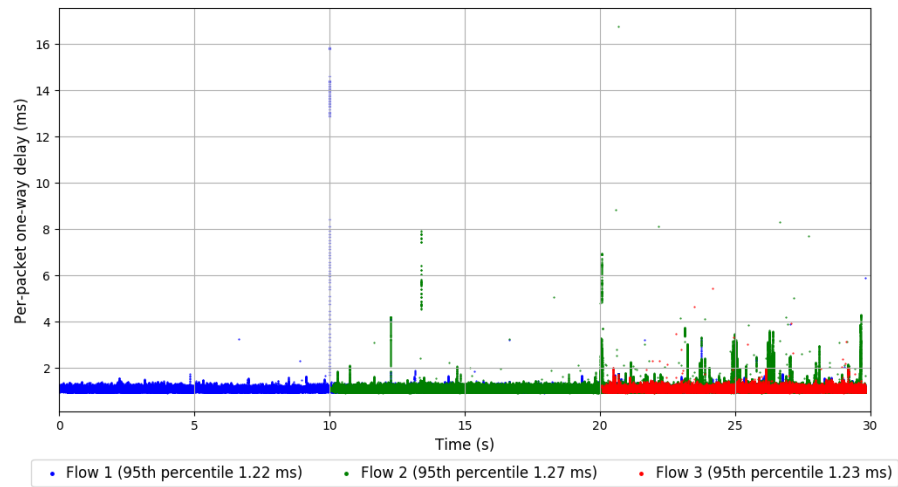
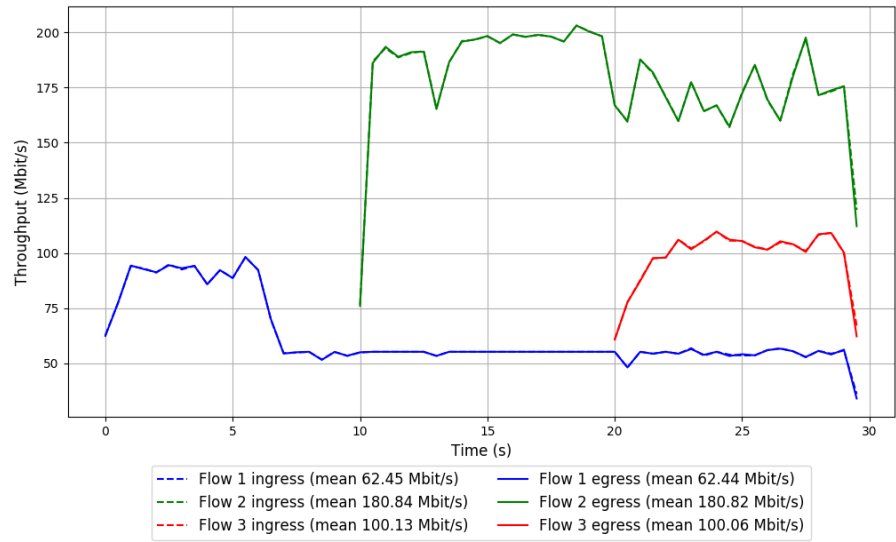
Run 9: Statistics of Indigo

Start at: 2017-09-18 02:50:49  
End at: 2017-09-18 02:51:19  
Local clock offset: -3.527 ms  
Remote clock offset: -1.585 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 215.01 Mbit/s  
95th percentile per-packet one-way delay: 1.247 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 62.44 Mbit/s  
95th percentile per-packet one-way delay: 1.220 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 180.82 Mbit/s  
95th percentile per-packet one-way delay: 1.274 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 100.06 Mbit/s  
95th percentile per-packet one-way delay: 1.226 ms  
Loss rate: 0.25%



## Run 9: Report of Indigo — Data Link

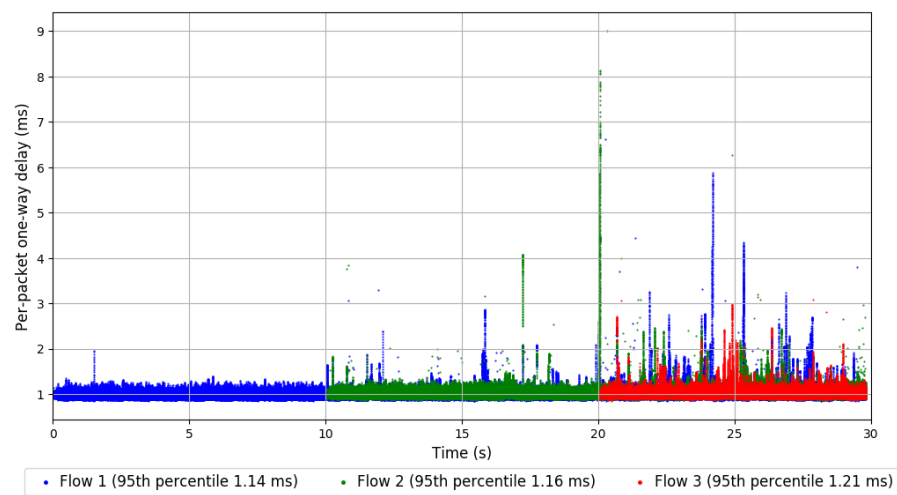
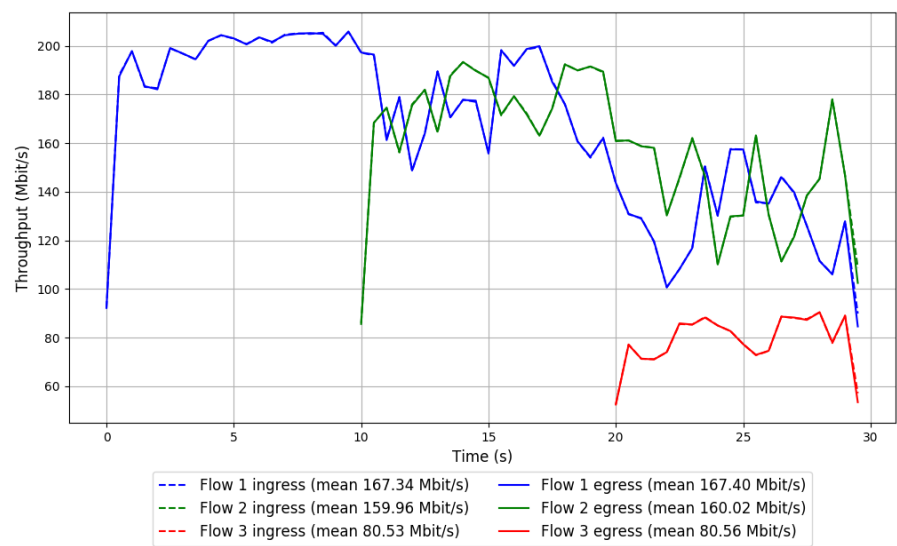


Run 10: Statistics of Indigo

Start at: 2017-09-18 03:13:18  
End at: 2017-09-18 03:13:48  
Local clock offset: -3.558 ms  
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 299.84 Mbit/s  
95th percentile per-packet one-way delay: 1.153 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 167.40 Mbit/s  
95th percentile per-packet one-way delay: 1.136 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 160.02 Mbit/s  
95th percentile per-packet one-way delay: 1.161 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 80.56 Mbit/s  
95th percentile per-packet one-way delay: 1.213 ms  
Loss rate: 0.24%

Run 10: Report of Indigo — Data Link

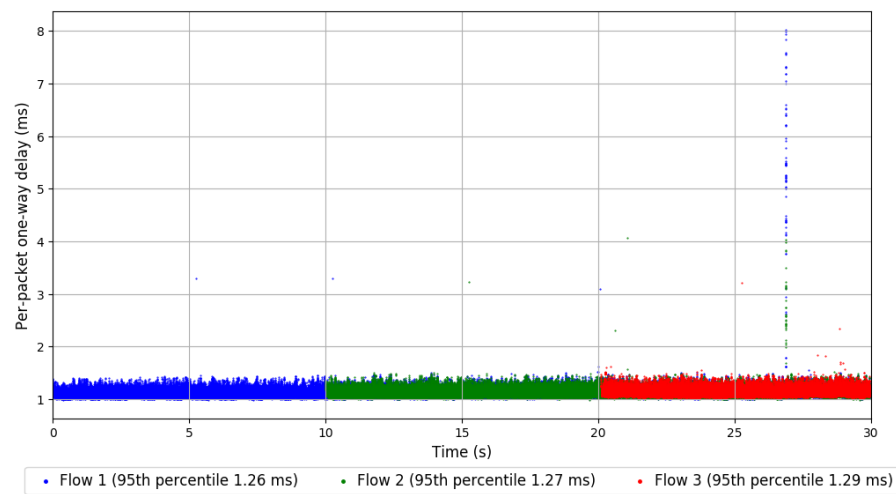
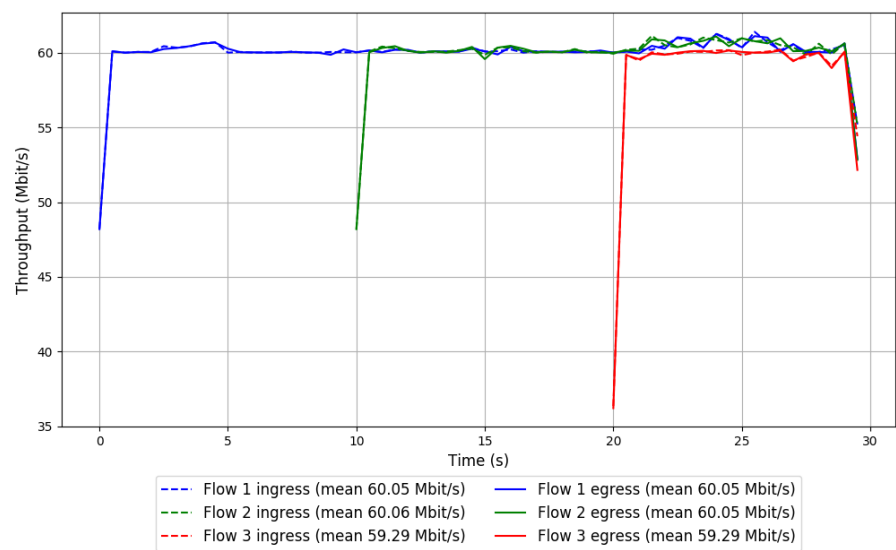


Run 1: Statistics of KohoCC

Start at: 2017-09-17 23:49:22  
End at: 2017-09-17 23:49:52  
Local clock offset: -0.597 ms  
Remote clock offset: -2.755 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 119.51 Mbit/s  
95th percentile per-packet one-way delay: 1.269 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 60.05 Mbit/s  
95th percentile per-packet one-way delay: 1.261 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 60.05 Mbit/s  
95th percentile per-packet one-way delay: 1.268 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 59.29 Mbit/s  
95th percentile per-packet one-way delay: 1.290 ms  
Loss rate: 0.20%

Run 1: Report of KohoCC — Data Link

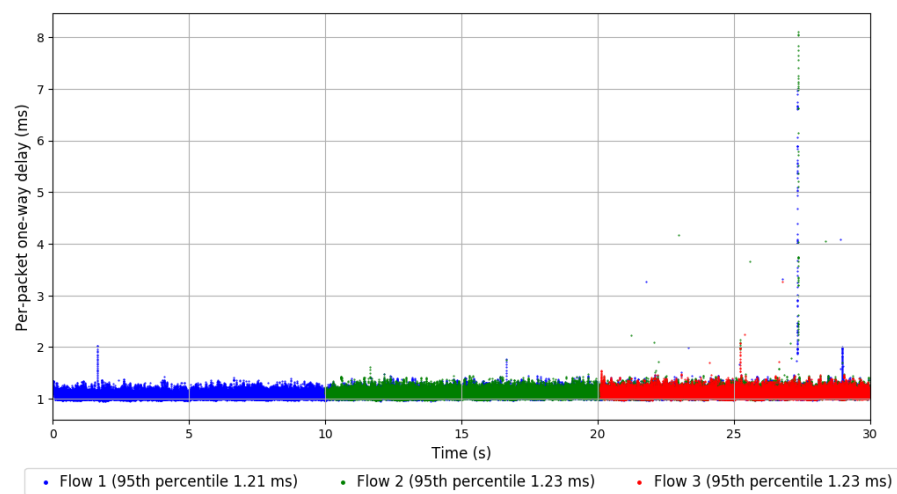
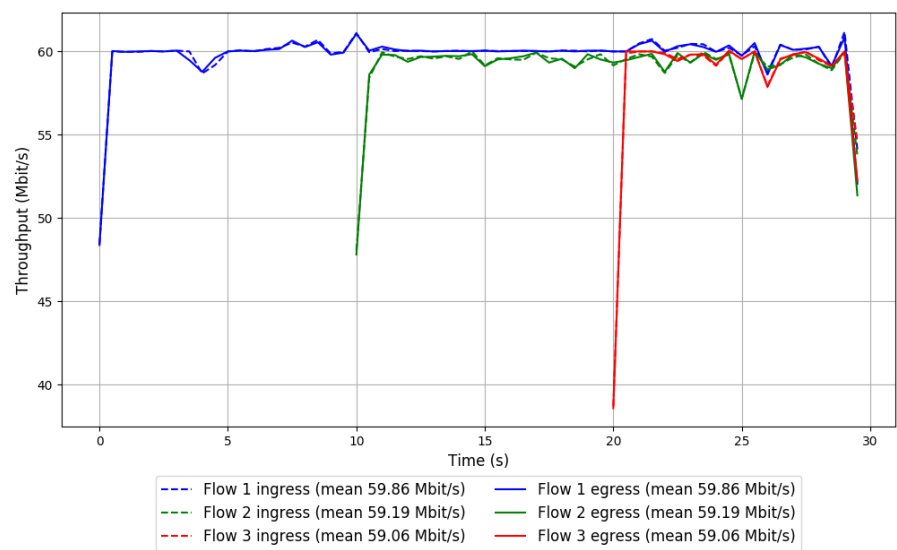


Run 2: Statistics of KohoCC

Start at: 2017-09-18 00:11:56  
End at: 2017-09-18 00:12:26  
Local clock offset: -1.184 ms  
Remote clock offset: -2.308 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 118.71 Mbit/s  
95th percentile per-packet one-way delay: 1.219 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 59.86 Mbit/s  
95th percentile per-packet one-way delay: 1.210 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 59.19 Mbit/s  
95th percentile per-packet one-way delay: 1.228 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 59.06 Mbit/s  
95th percentile per-packet one-way delay: 1.226 ms  
Loss rate: 0.21%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-09-18 00:34:16

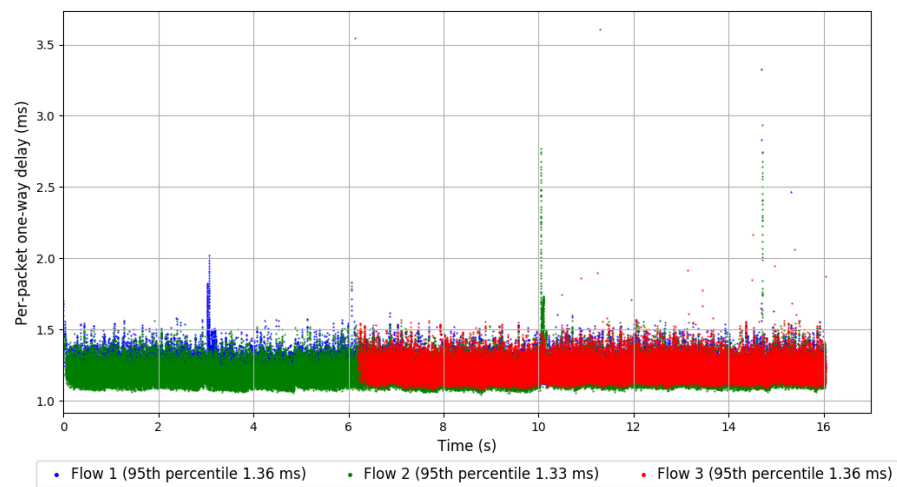
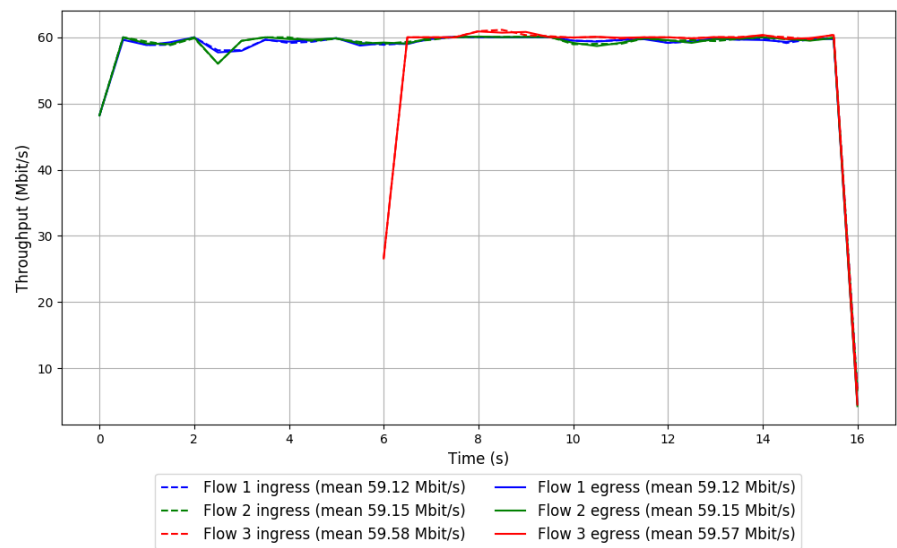
End at: 2017-09-18 00:34:46

Local clock offset: -1.955 ms

Remote clock offset: -2.205 ms



Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

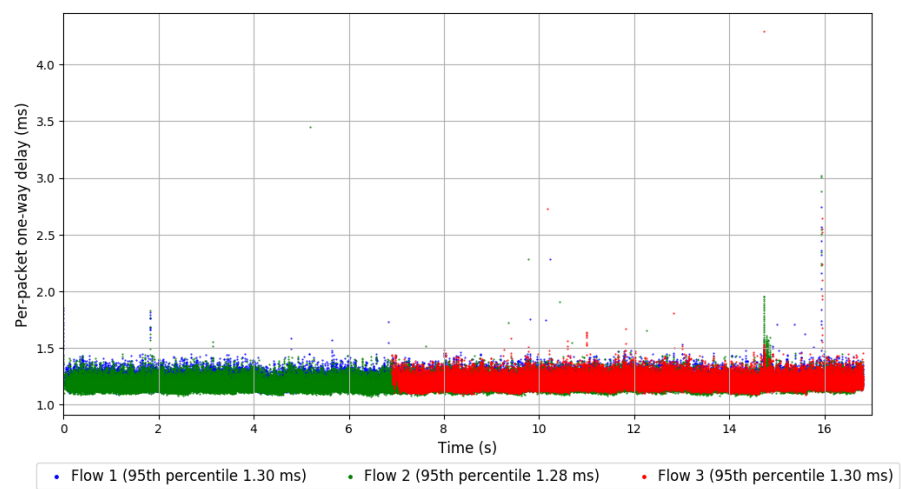
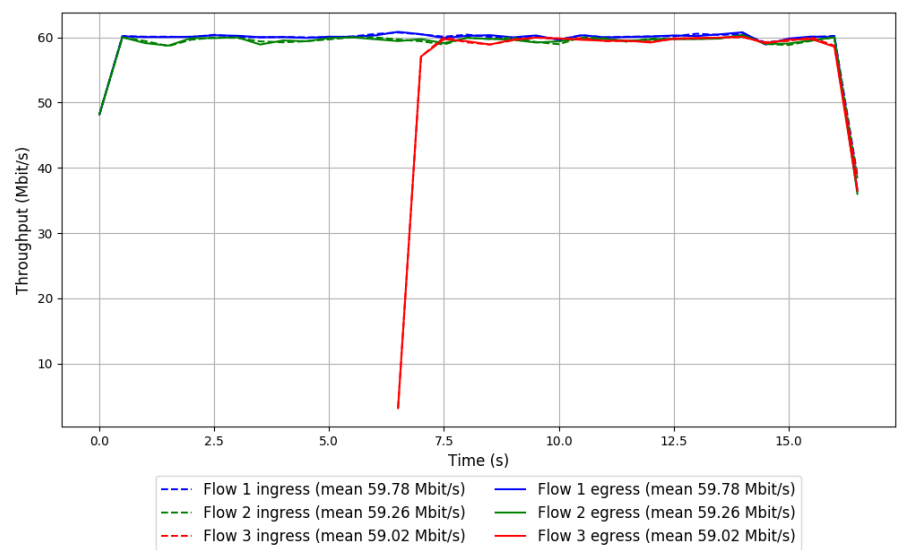
Start at: 2017-09-18 00:56:32

End at: 2017-09-18 00:57:02

Local clock offset: -2.794 ms

Remote clock offset: -2.372 ms

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

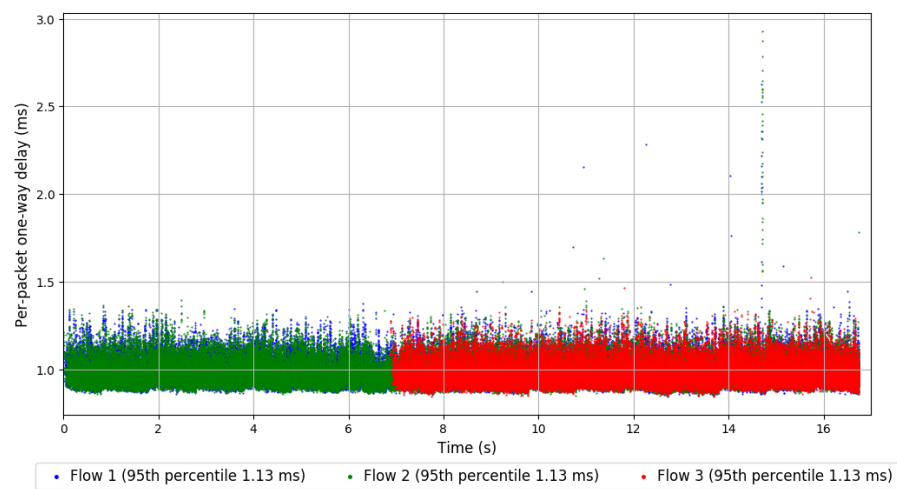
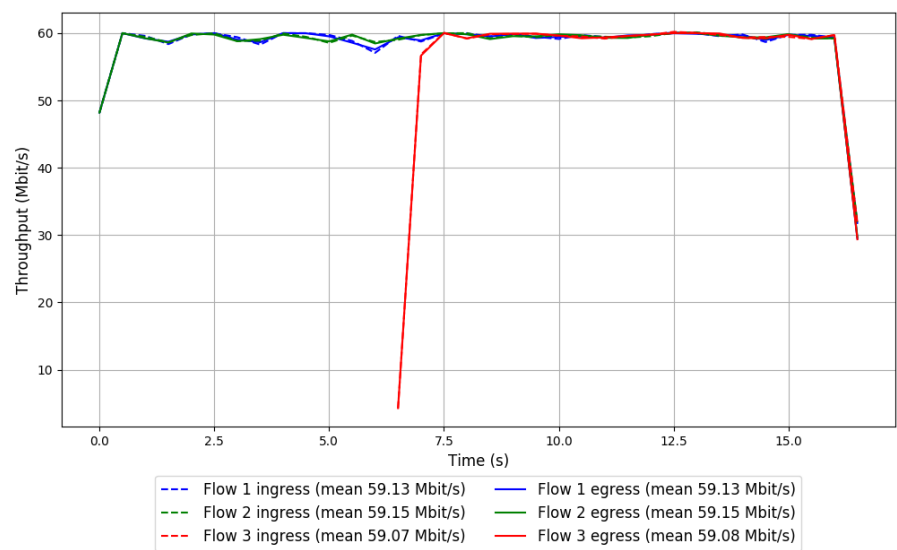
Start at: 2017-09-18 01:19:18

End at: 2017-09-18 01:19:48

Local clock offset: -3.513 ms

Remote clock offset: -2.074 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

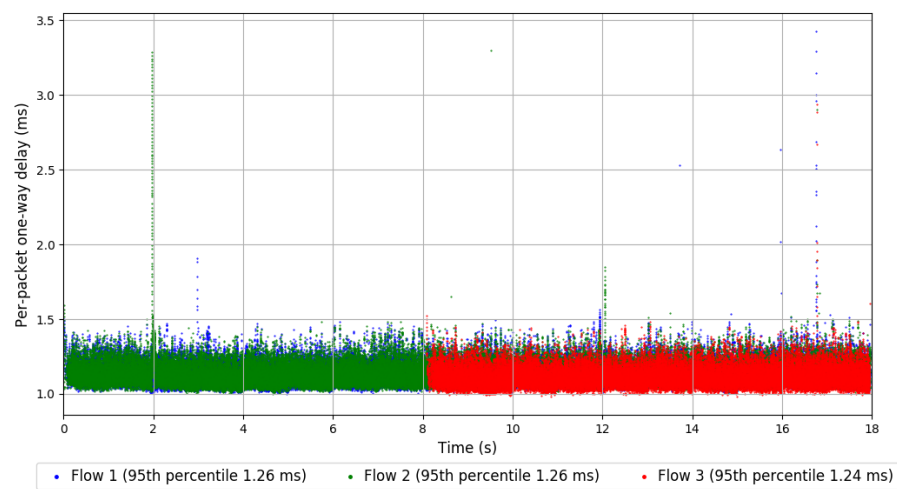
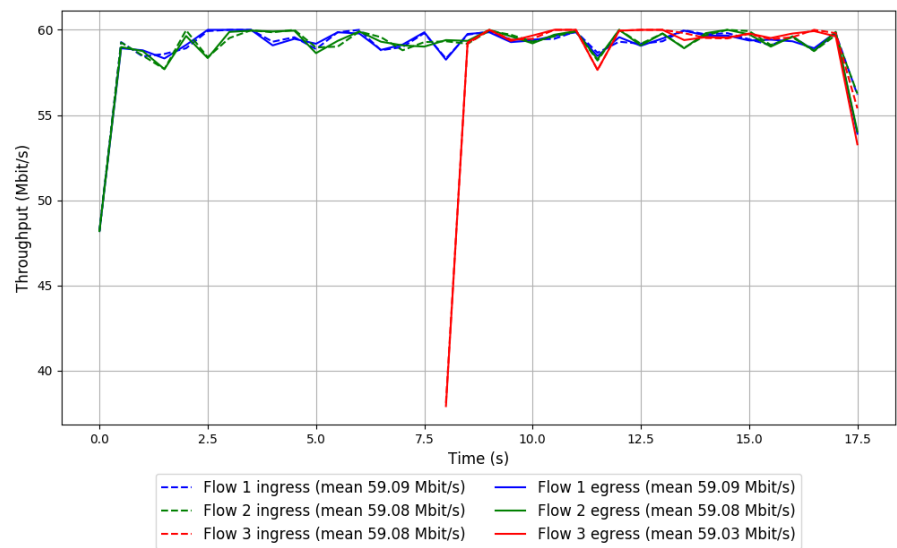
Start at: 2017-09-18 01:42:01

End at: 2017-09-18 01:42:31

Local clock offset: -3.919 ms

Remote clock offset: -1.985 ms

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: 2017-09-18 02:04:26

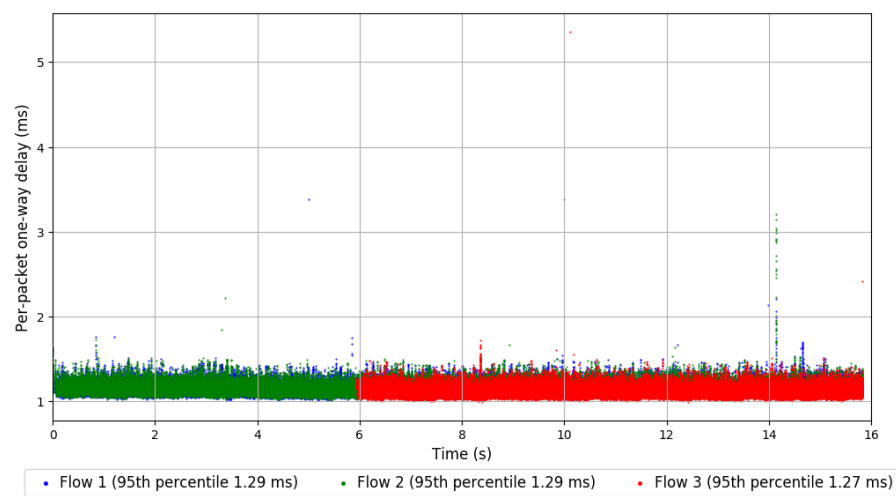
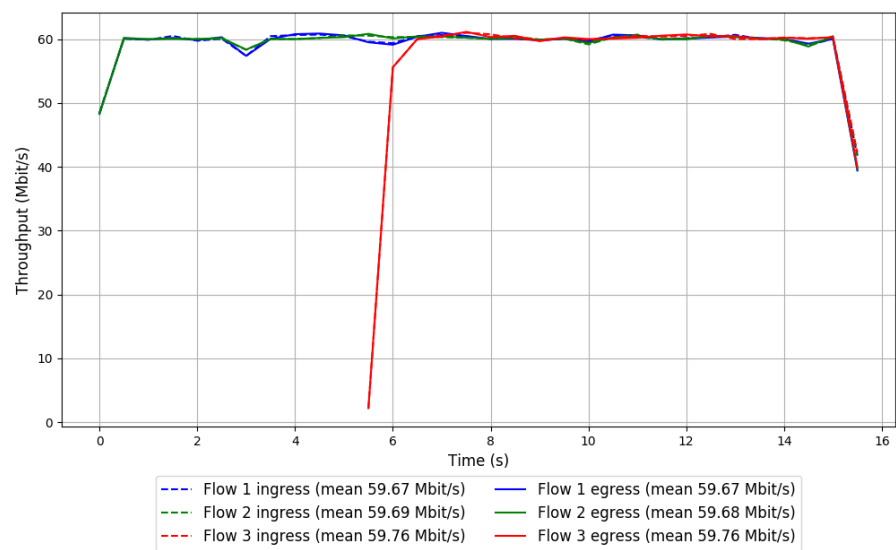
End at: 2017-09-18 02:04:56

Local clock offset: -3.901 ms

Remote clock offset: -2.006 ms



Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-09-18 02:26:57

End at: 2017-09-18 02:27:27

Local clock offset: -3.649 ms

Remote clock offset: -1.96 ms

# Below is generated by plot.py at 2017-09-18 08:49:03

# Datalink statistics

-- Total of 3 flows:

Average throughput: 119.32 Mbit/s

95th percentile per-packet one-way delay: 1.212 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.92 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 59.96 Mbit/s

95th percentile per-packet one-way delay: 1.204 ms

Loss rate: 0.10%

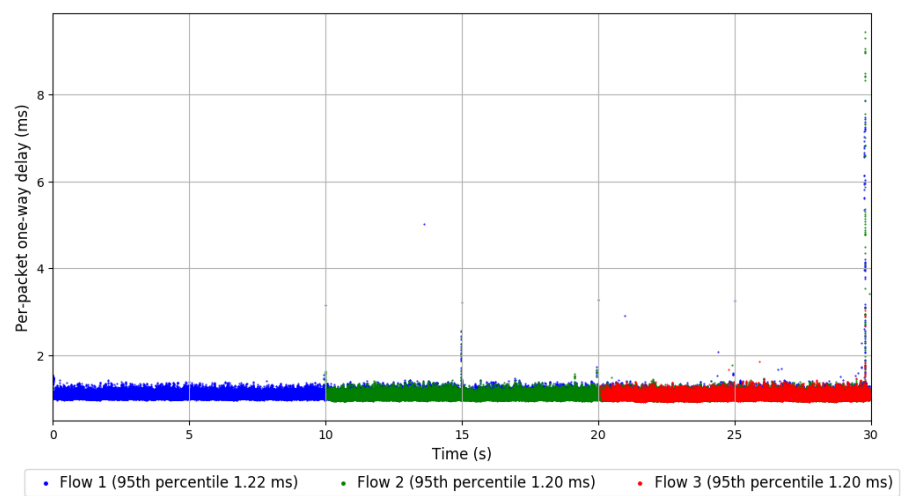
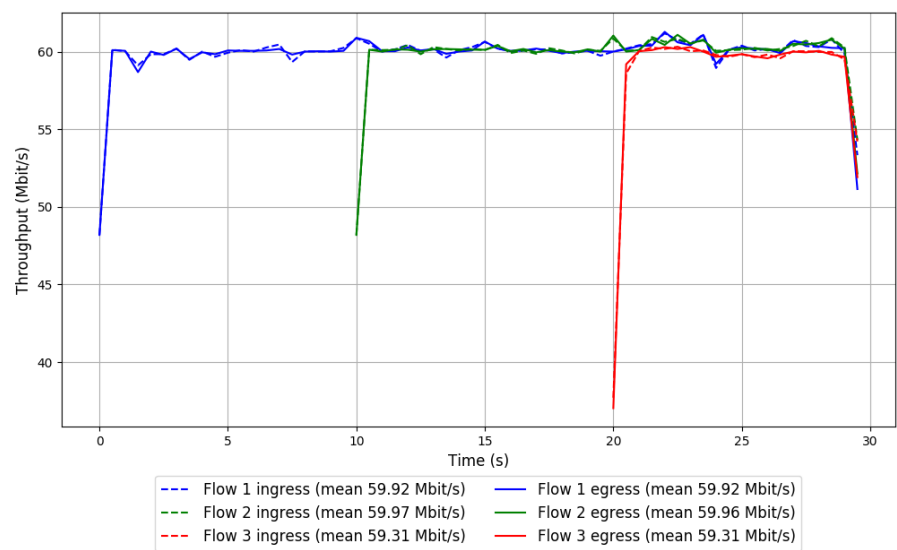
-- Flow 3:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 1.198 ms

Loss rate: 0.21%

Run 8: Report of KohoCC — Data Link

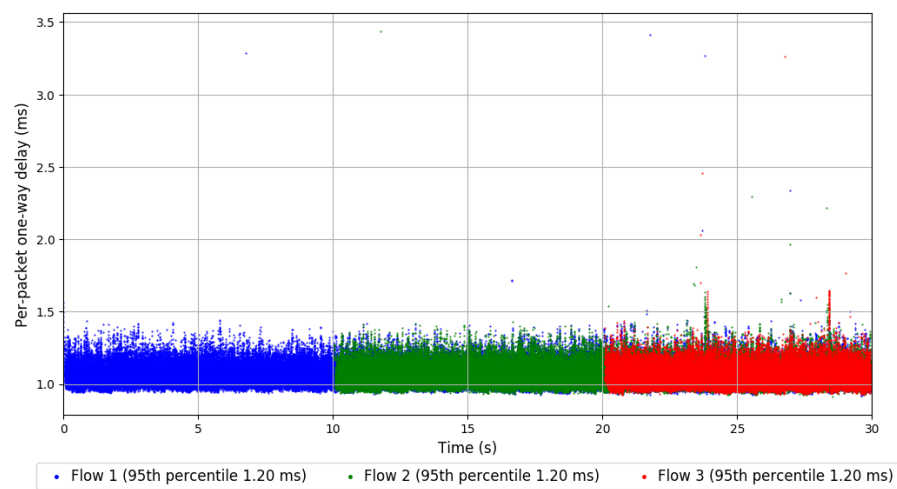
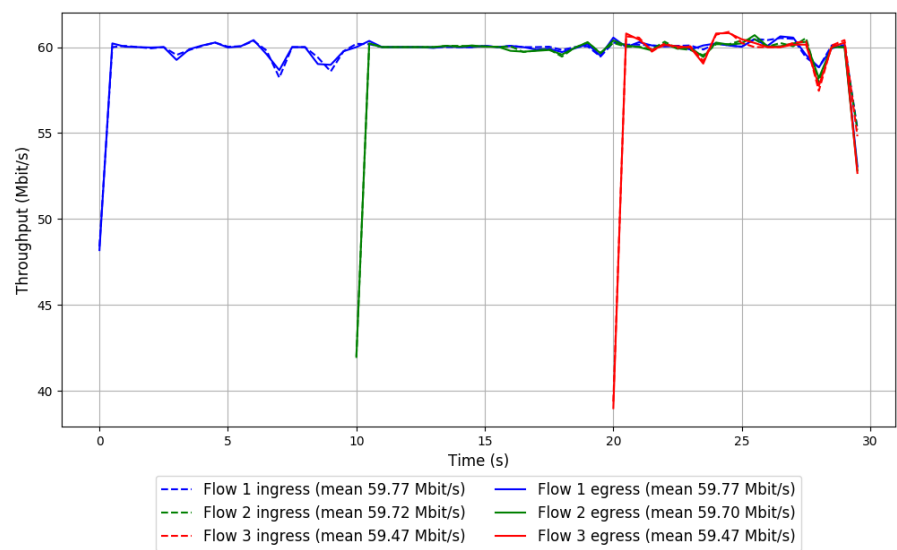


Run 9: Statistics of KohoCC

Start at: 2017-09-18 02:49:32  
End at: 2017-09-18 02:50:02  
Local clock offset: -3.618 ms  
Remote clock offset: -1.681 ms

# Below is generated by plot.py at 2017-09-18 08:49:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 118.99 Mbit/s  
95th percentile per-packet one-way delay: 1.198 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 59.77 Mbit/s  
95th percentile per-packet one-way delay: 1.196 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 59.70 Mbit/s  
95th percentile per-packet one-way delay: 1.201 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 59.47 Mbit/s  
95th percentile per-packet one-way delay: 1.195 ms  
Loss rate: 0.20%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

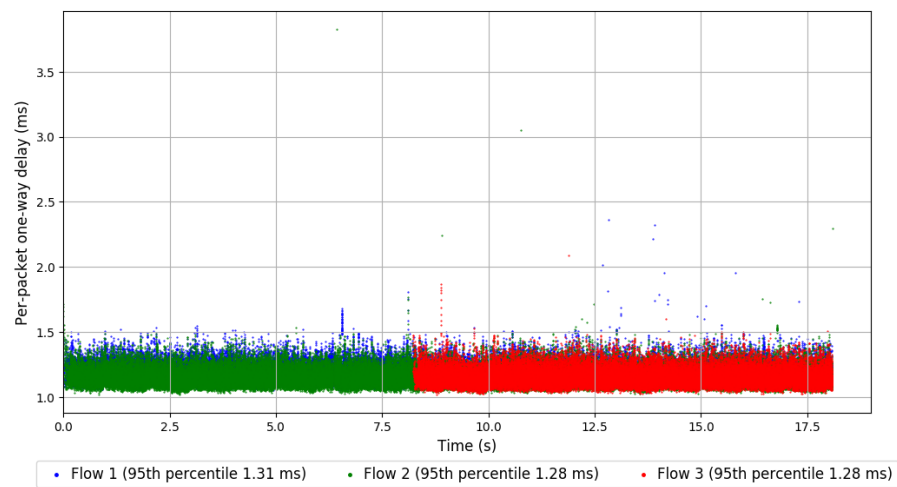
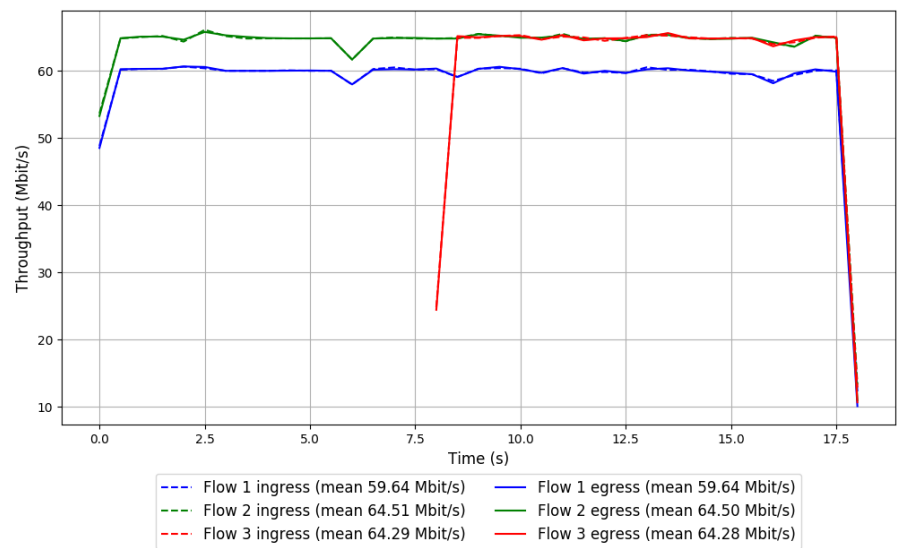
Start at: 2017-09-18 03:12:02

End at: 2017-09-18 03:12:32

Local clock offset: -3.451 ms

Remote clock offset: -1.78 ms

Run 10: Report of KohoCC — Data Link



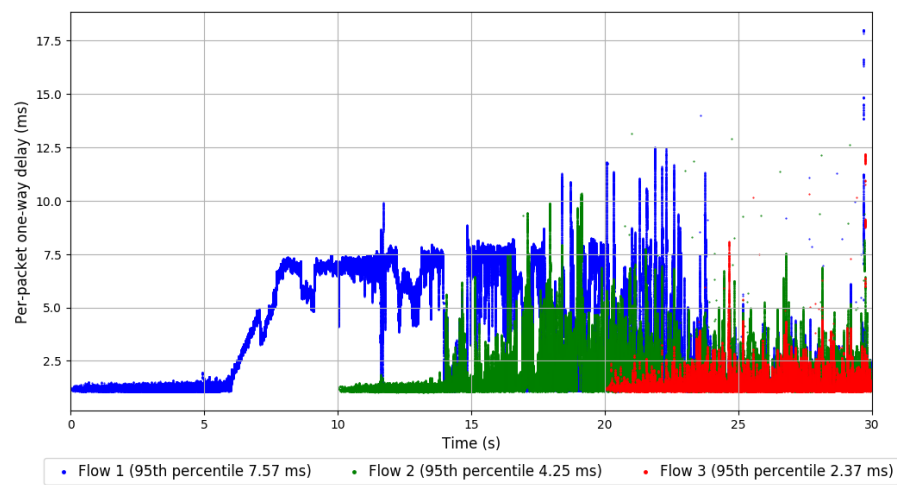
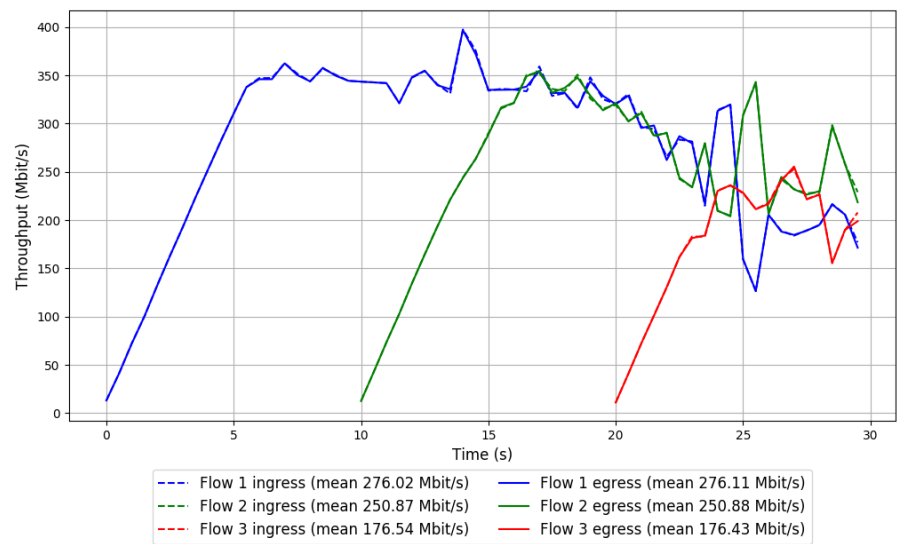
Run 1: Statistics of LEDBAT

Start at: 2017-09-17 23:44:56  
End at: 2017-09-17 23:45:26  
Local clock offset: -0.479 ms  
Remote clock offset: -2.959 ms

# Below is generated by plot.py at 2017-09-18 08:54:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 501.28 Mbit/s  
95th percentile per-packet one-way delay: 7.400 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 276.11 Mbit/s  
95th percentile per-packet one-way delay: 7.566 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 250.88 Mbit/s  
95th percentile per-packet one-way delay: 4.246 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 176.43 Mbit/s  
95th percentile per-packet one-way delay: 2.374 ms  
Loss rate: 0.26%



Run 1: Report of LEDBAT — Data Link

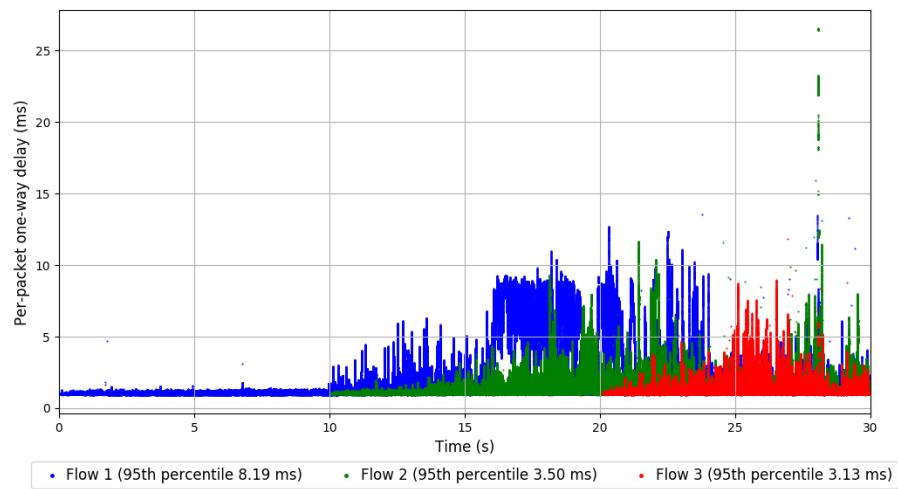
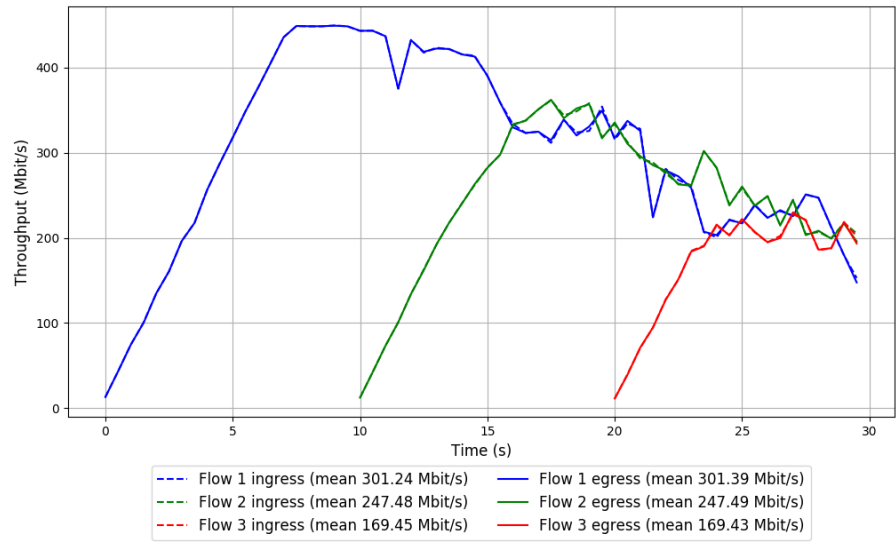


Run 2: Statistics of LEDBAT

Start at: 2017-09-18 00:07:33  
End at: 2017-09-18 00:08:03  
Local clock offset: -1.193 ms  
Remote clock offset: -2.419 ms

# Below is generated by plot.py at 2017-09-18 08:54:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 521.91 Mbit/s  
95th percentile per-packet one-way delay: 7.226 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 301.39 Mbit/s  
95th percentile per-packet one-way delay: 8.187 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 247.49 Mbit/s  
95th percentile per-packet one-way delay: 3.504 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 169.43 Mbit/s  
95th percentile per-packet one-way delay: 3.133 ms  
Loss rate: 0.25%

## Run 2: Report of LEDBAT — Data Link

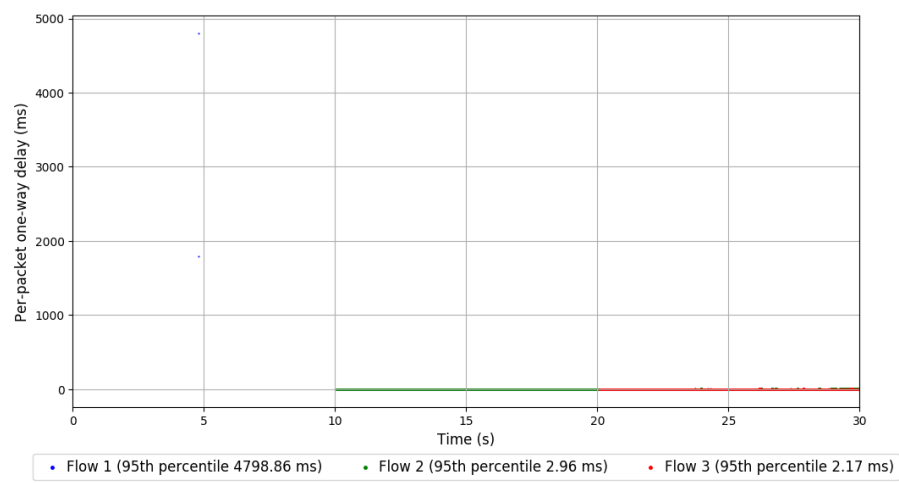
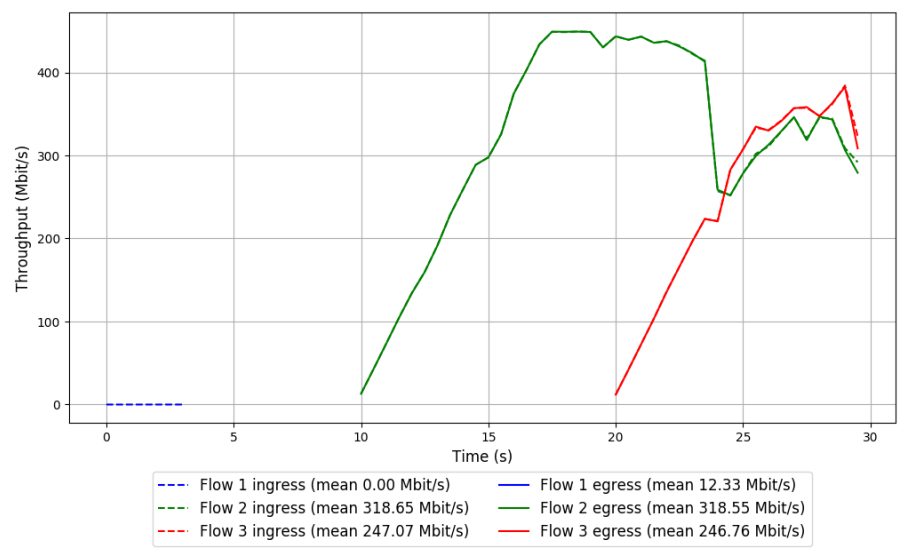


Run 3: Statistics of LEDBAT

Start at: 2017-09-18 00:30:01  
End at: 2017-09-18 00:30:31  
Local clock offset: -1.883 ms  
Remote clock offset: -2.113 ms

# Below is generated by plot.py at 2017-09-18 08:54:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 349.65 Mbit/s  
95th percentile per-packet one-way delay: 2.669 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 12.33 Mbit/s  
95th percentile per-packet one-way delay: 4798.864 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 318.55 Mbit/s  
95th percentile per-packet one-way delay: 2.965 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 246.76 Mbit/s  
95th percentile per-packet one-way delay: 2.165 ms  
Loss rate: 0.33%

Run 3: Report of LEDBAT — Data Link

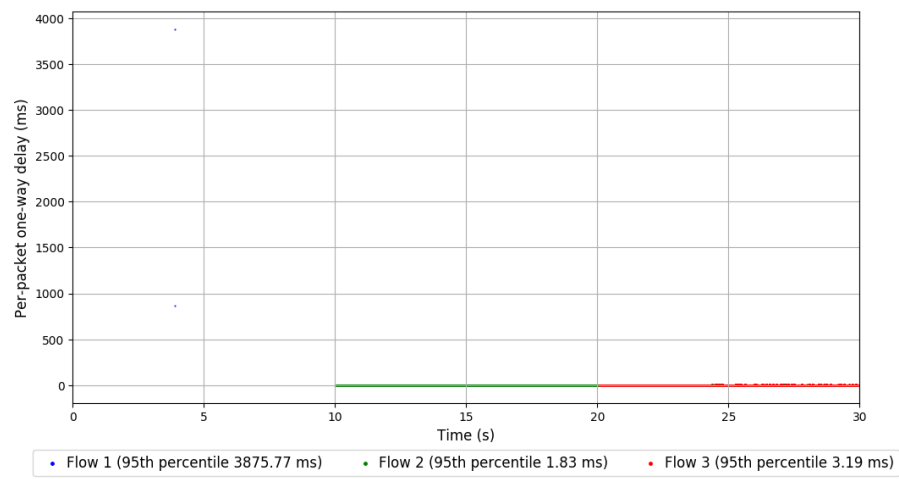
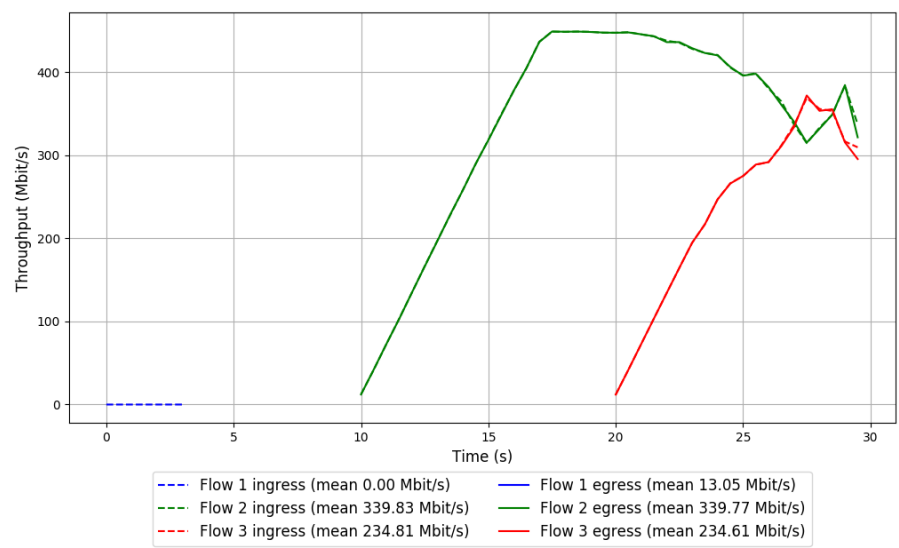


Run 4: Statistics of LEDBAT

Start at: 2017-09-18 00:52:17  
End at: 2017-09-18 00:52:47  
Local clock offset: -2.753 ms  
Remote clock offset: -2.385 ms

# Below is generated by plot.py at 2017-09-18 08:54:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 348.83 Mbit/s  
95th percentile per-packet one-way delay: 2.263 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 13.05 Mbit/s  
95th percentile per-packet one-way delay: 3875.767 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 339.77 Mbit/s  
95th percentile per-packet one-way delay: 1.829 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 234.61 Mbit/s  
95th percentile per-packet one-way delay: 3.194 ms  
Loss rate: 0.33%

Run 4: Report of LEDBAT — Data Link



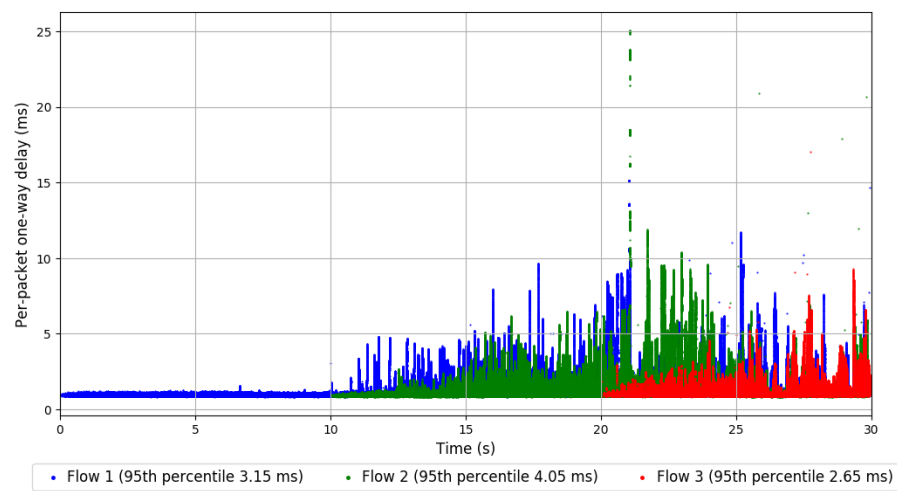
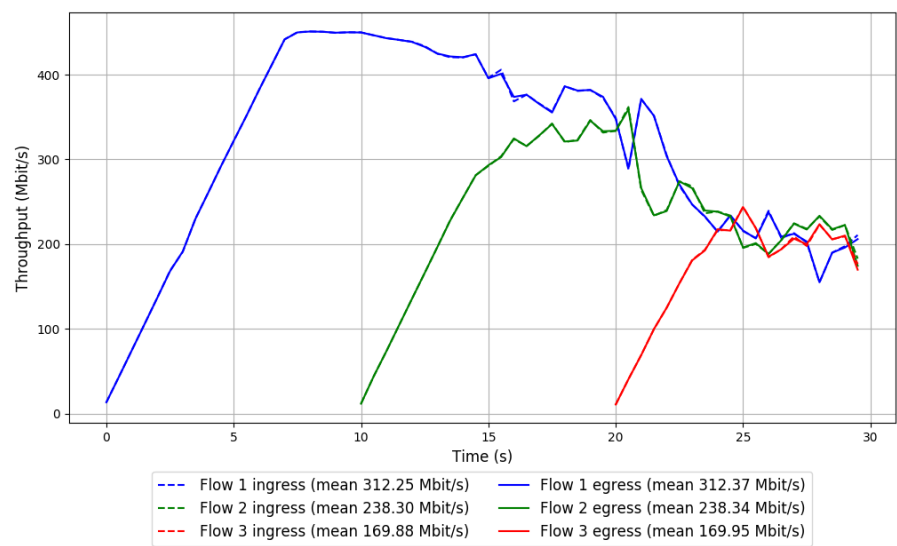
Run 5: Statistics of LEDBAT

Start at: 2017-09-18 01:14:52  
End at: 2017-09-18 01:15:22  
Local clock offset: -3.479 ms  
Remote clock offset: -2.127 ms

# Below is generated by plot.py at 2017-09-18 08:56:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 527.04 Mbit/s  
95th percentile per-packet one-way delay: 3.374 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 312.37 Mbit/s  
95th percentile per-packet one-way delay: 3.153 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 238.34 Mbit/s  
95th percentile per-packet one-way delay: 4.053 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 169.95 Mbit/s  
95th percentile per-packet one-way delay: 2.649 ms  
Loss rate: 0.20%



Run 5: Report of LEDBAT — Data Link

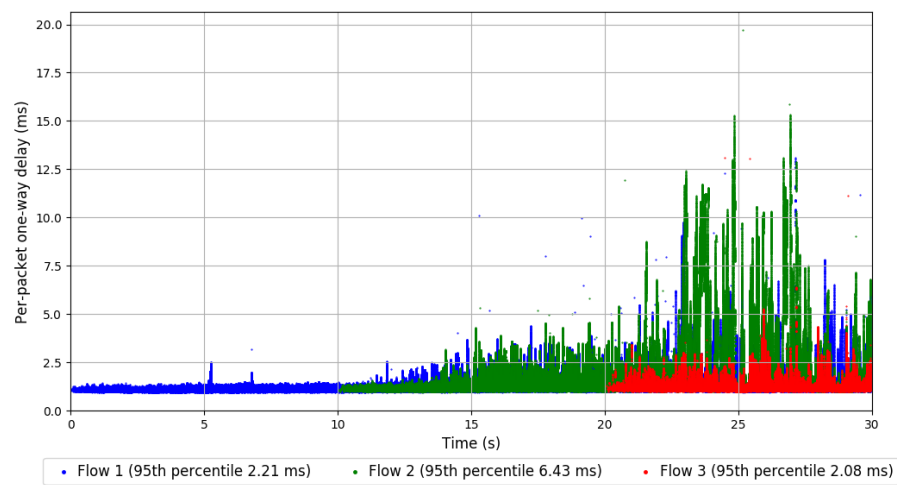
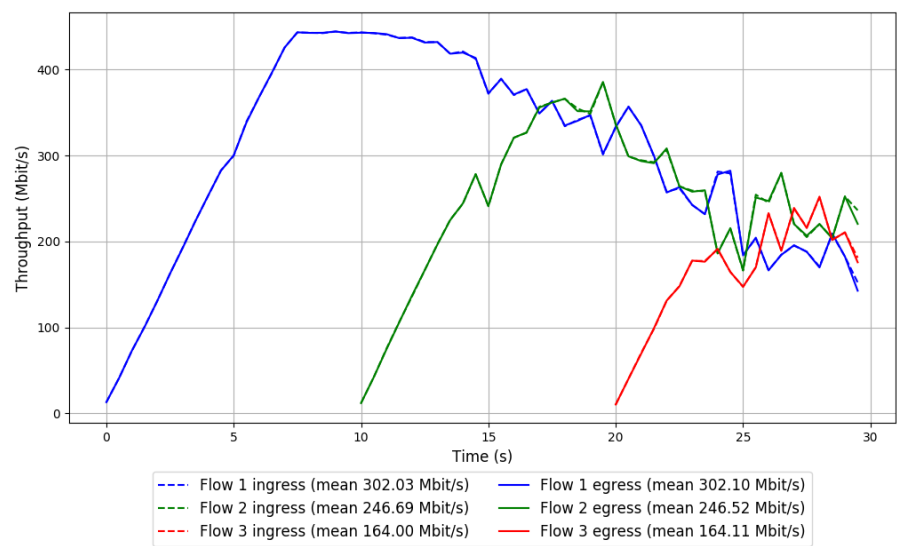


Run 6: Statistics of LEDBAT

Start at: 2017-09-18 01:37:35  
End at: 2017-09-18 01:38:05  
Local clock offset: -3.803 ms  
Remote clock offset: -2.018 ms

# Below is generated by plot.py at 2017-09-18 08:56:16  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 520.18 Mbit/s  
95th percentile per-packet one-way delay: 3.096 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 302.10 Mbit/s  
95th percentile per-packet one-way delay: 2.215 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 246.52 Mbit/s  
95th percentile per-packet one-way delay: 6.430 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 164.11 Mbit/s  
95th percentile per-packet one-way delay: 2.083 ms  
Loss rate: 0.18%

Run 6: Report of LEDBAT — Data Link

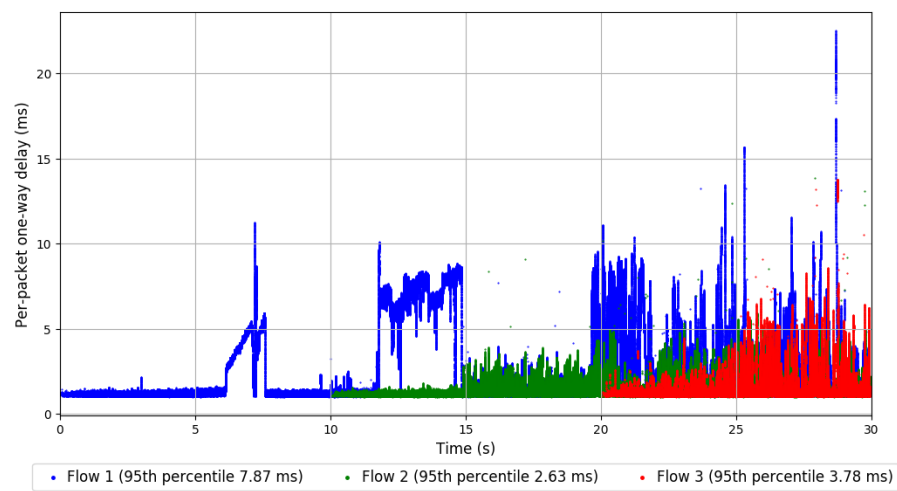
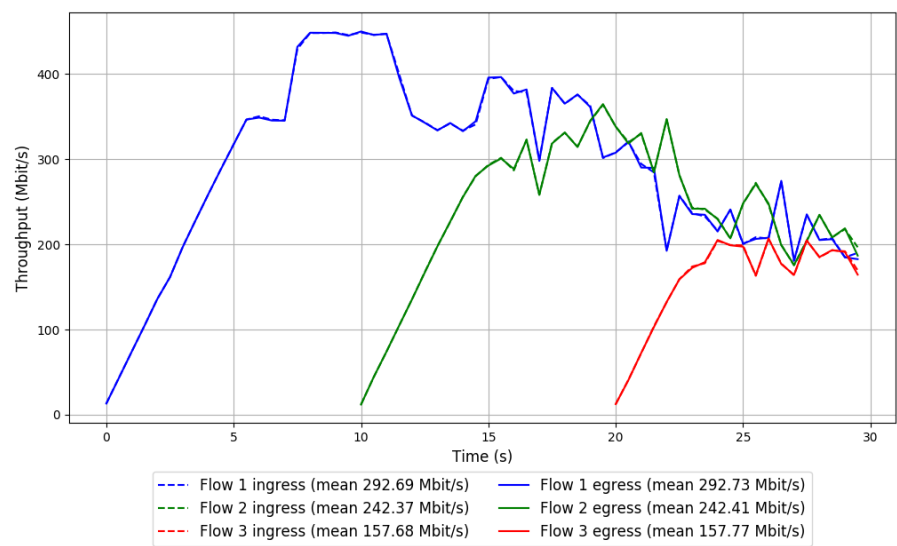


Run 7: Statistics of LEDBAT

Start at: 2017-09-18 02:00:03  
End at: 2017-09-18 02:00:33  
Local clock offset: -3.913 ms  
Remote clock offset: -2.034 ms

# Below is generated by plot.py at 2017-09-18 08:56:16  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 506.11 Mbit/s  
95th percentile per-packet one-way delay: 7.136 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 292.73 Mbit/s  
95th percentile per-packet one-way delay: 7.870 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 242.41 Mbit/s  
95th percentile per-packet one-way delay: 2.631 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 157.77 Mbit/s  
95th percentile per-packet one-way delay: 3.782 ms  
Loss rate: 0.19%

Run 7: Report of LEDBAT — Data Link

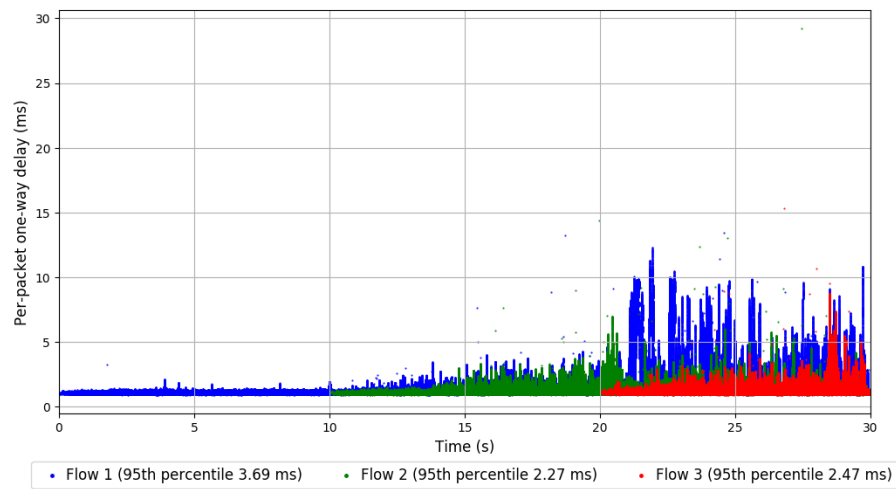
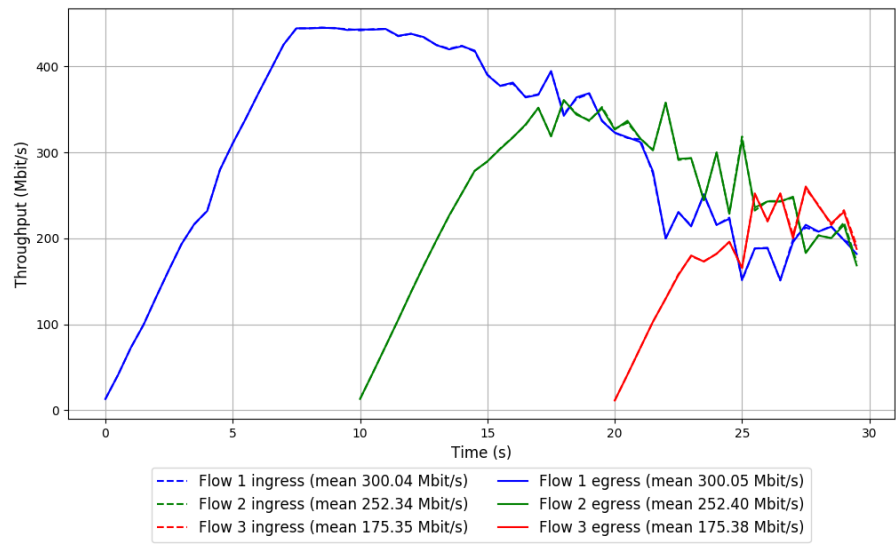


Run 8: Statistics of LEDBAT

Start at: 2017-09-18 02:22:33  
End at: 2017-09-18 02:23:03  
Local clock offset: -3.812 ms  
Remote clock offset: -2.031 ms

# Below is generated by plot.py at 2017-09-18 08:56:35  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 525.91 Mbit/s  
95th percentile per-packet one-way delay: 2.891 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 300.05 Mbit/s  
95th percentile per-packet one-way delay: 3.694 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 252.40 Mbit/s  
95th percentile per-packet one-way delay: 2.272 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 175.38 Mbit/s  
95th percentile per-packet one-way delay: 2.466 ms  
Loss rate: 0.18%

## Run 8: Report of LEDBAT — Data Link



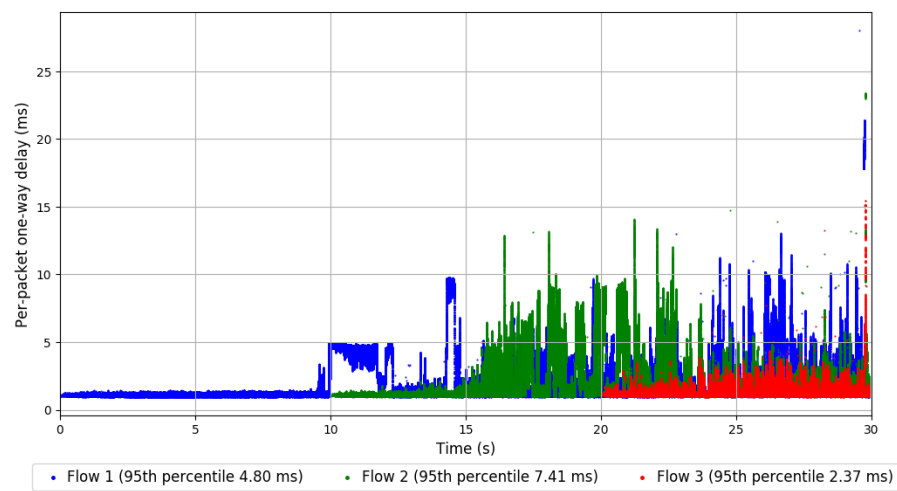
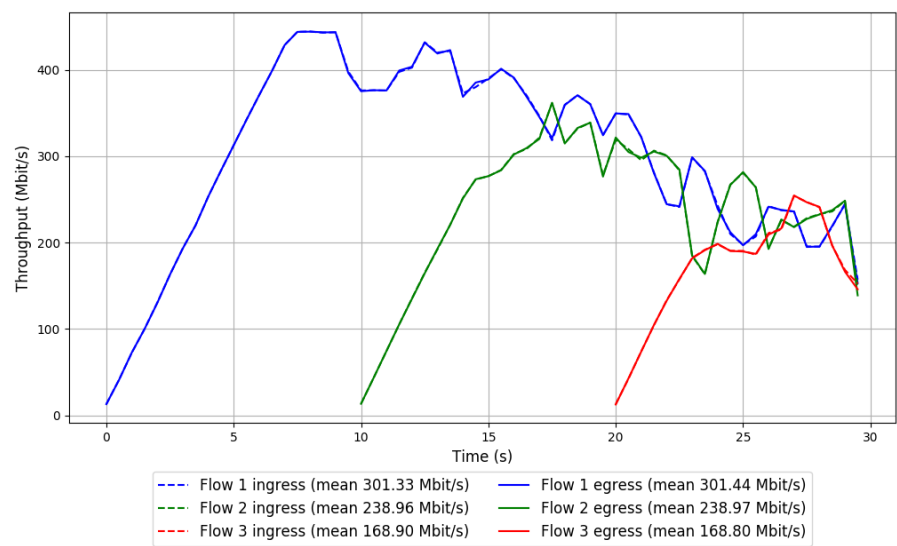
Run 9: Statistics of LEDBAT

Start at: 2017-09-18 02:45:05  
End at: 2017-09-18 02:45:35  
Local clock offset: -3.612 ms  
Remote clock offset: -1.767 ms

# Below is generated by plot.py at 2017-09-18 08:59:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 516.35 Mbit/s  
95th percentile per-packet one-way delay: 5.610 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 301.44 Mbit/s  
95th percentile per-packet one-way delay: 4.799 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 238.97 Mbit/s  
95th percentile per-packet one-way delay: 7.405 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 168.80 Mbit/s  
95th percentile per-packet one-way delay: 2.373 ms  
Loss rate: 0.26%



Run 9: Report of LEDBAT — Data Link

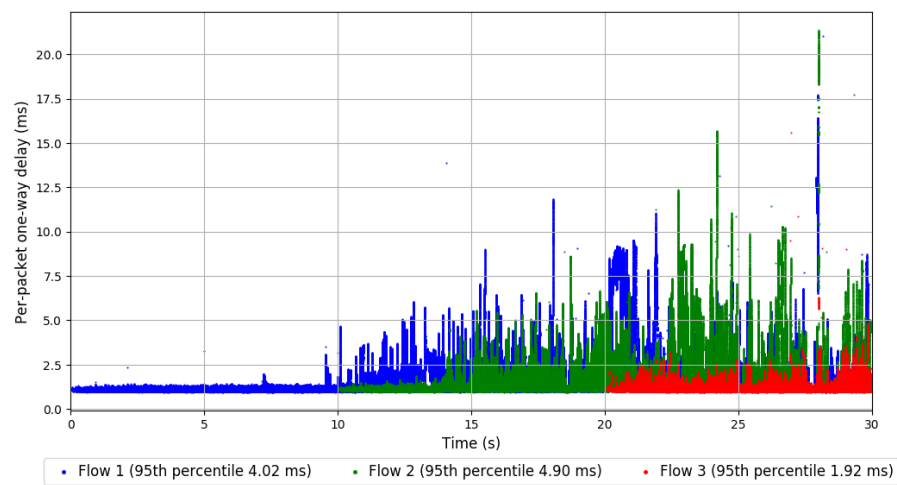
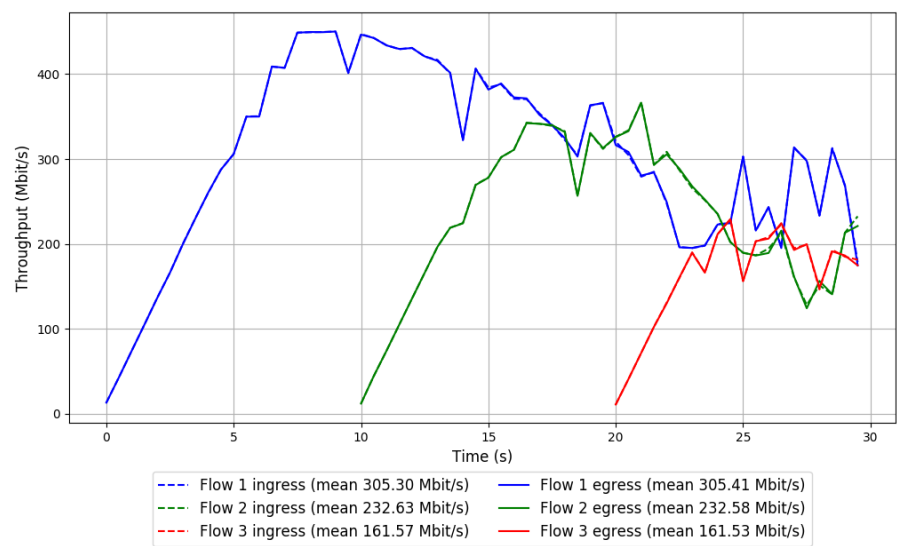


Run 10: Statistics of LEDBAT

Start at: 2017-09-18 03:07:37  
End at: 2017-09-18 03:08:07  
Local clock offset: -3.469 ms  
Remote clock offset: -1.698 ms

# Below is generated by plot.py at 2017-09-18 08:59:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 513.49 Mbit/s  
95th percentile per-packet one-way delay: 4.146 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 305.41 Mbit/s  
95th percentile per-packet one-way delay: 4.018 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 232.58 Mbit/s  
95th percentile per-packet one-way delay: 4.900 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 161.53 Mbit/s  
95th percentile per-packet one-way delay: 1.916 ms  
Loss rate: 0.23%

Run 10: Report of LEDBAT — Data Link

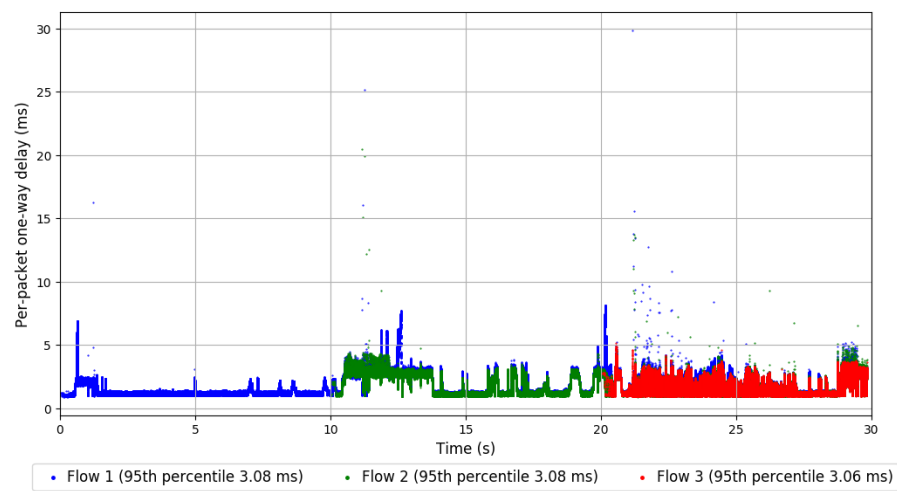
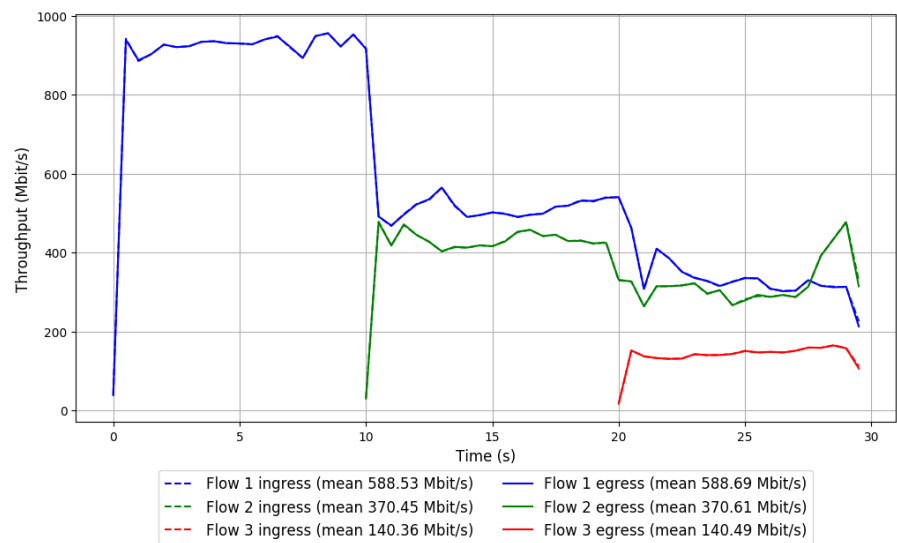


Run 1: Statistics of PCC

Start at: 2017-09-17 23:47:44  
End at: 2017-09-17 23:48:14  
Local clock offset: -0.542 ms  
Remote clock offset: -2.763 ms

# Below is generated by plot.py at 2017-09-18 09:06:55  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 881.00 Mbit/s  
95th percentile per-packet one-way delay: 3.079 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 588.69 Mbit/s  
95th percentile per-packet one-way delay: 3.080 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 370.61 Mbit/s  
95th percentile per-packet one-way delay: 3.080 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 140.49 Mbit/s  
95th percentile per-packet one-way delay: 3.062 ms  
Loss rate: 0.25%

Run 1: Report of PCC — Data Link

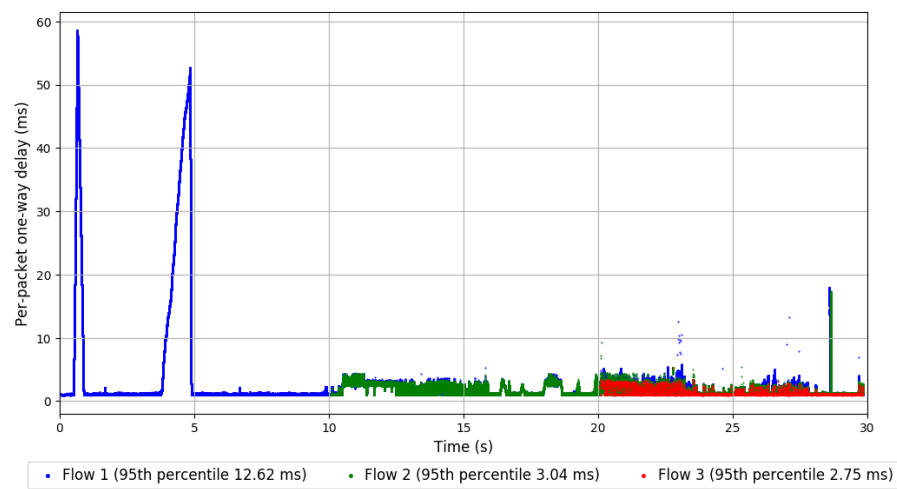
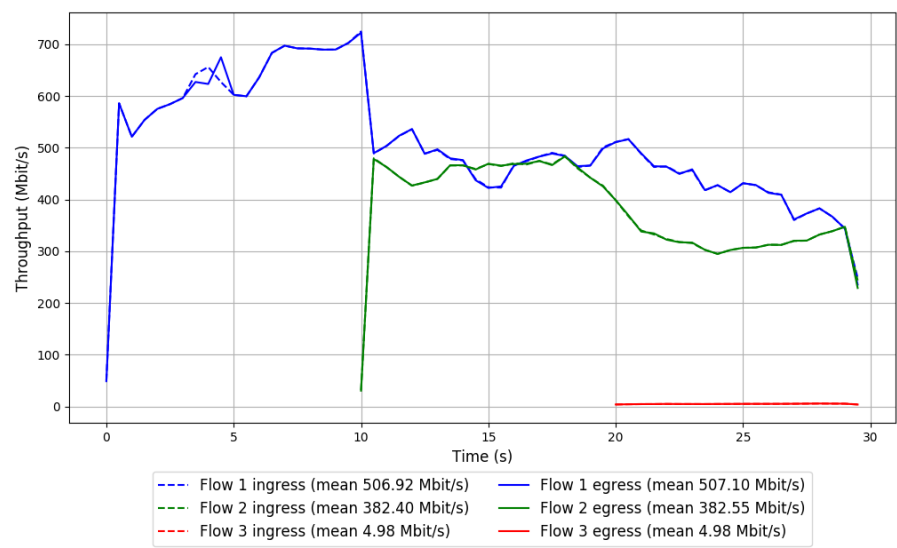


Run 2: Statistics of PCC

Start at: 2017-09-18 00:10:22  
End at: 2017-09-18 00:10:52  
Local clock offset: -1.242 ms  
Remote clock offset: -2.431 ms

# Below is generated by plot.py at 2017-09-18 09:06:55  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 762.70 Mbit/s  
95th percentile per-packet one-way delay: 3.351 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 507.10 Mbit/s  
95th percentile per-packet one-way delay: 12.624 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 382.55 Mbit/s  
95th percentile per-packet one-way delay: 3.039 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 4.98 Mbit/s  
95th percentile per-packet one-way delay: 2.747 ms  
Loss rate: 0.22%

Run 2: Report of PCC — Data Link



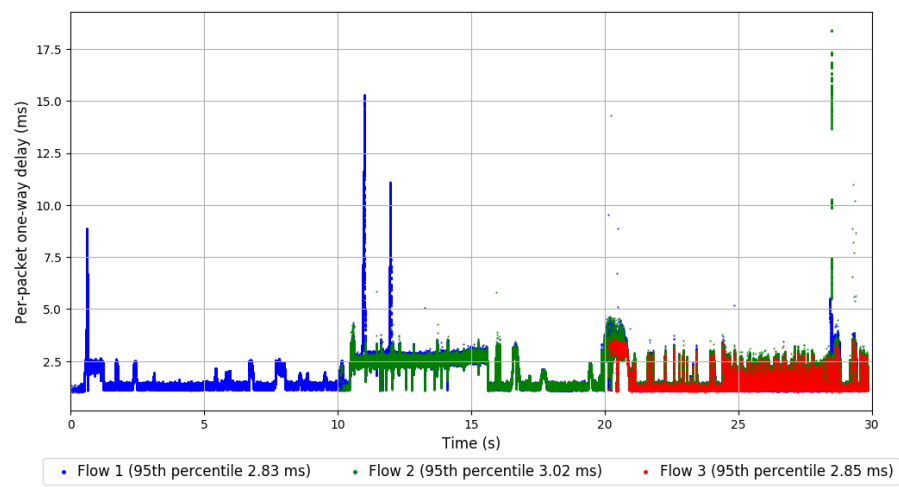
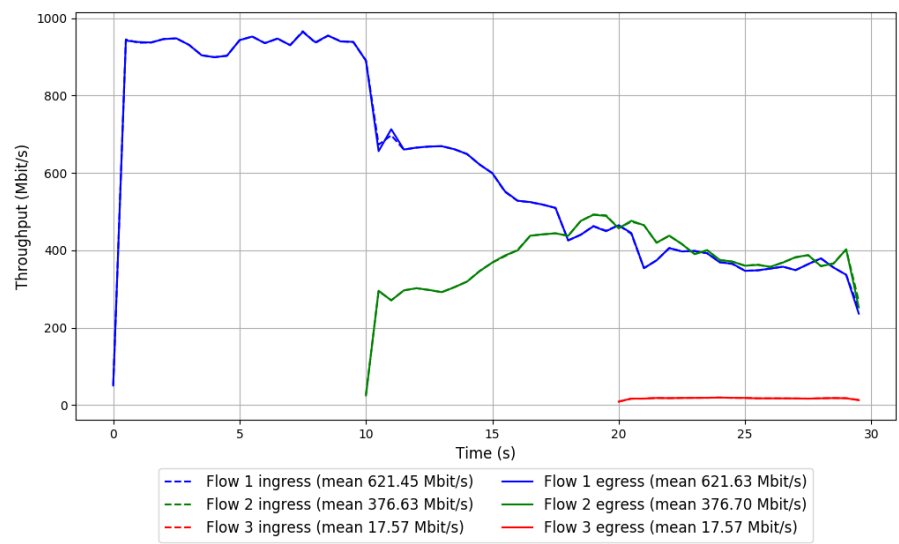
Run 3: Statistics of PCC

Start at: 2017-09-18 00:32:38  
End at: 2017-09-18 00:33:08  
Local clock offset: -1.878 ms  
Remote clock offset: -2.163 ms

# Below is generated by plot.py at 2017-09-18 09:09:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 877.49 Mbit/s  
95th percentile per-packet one-way delay: 2.886 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 621.63 Mbit/s  
95th percentile per-packet one-way delay: 2.833 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 376.70 Mbit/s  
95th percentile per-packet one-way delay: 3.025 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 17.57 Mbit/s  
95th percentile per-packet one-way delay: 2.854 ms  
Loss rate: 0.22%



Run 3: Report of PCC — Data Link

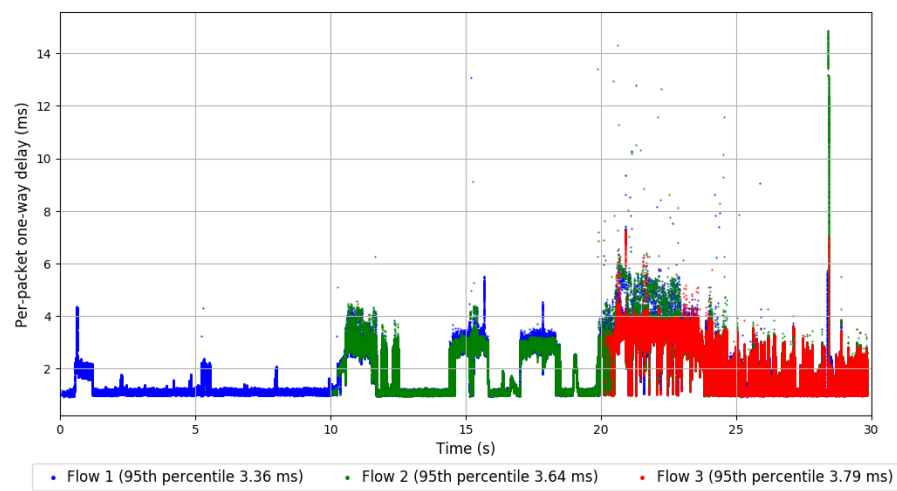
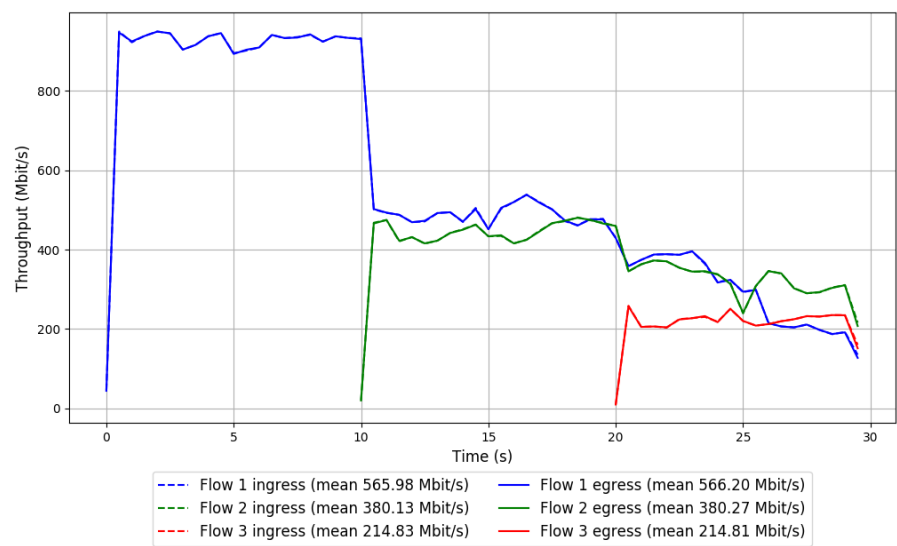


Run 4: Statistics of PCC

Start at: 2017-09-18 00:54:55  
End at: 2017-09-18 00:55:25  
Local clock offset: -2.831 ms  
Remote clock offset: -2.381 ms

# Below is generated by plot.py at 2017-09-18 09:09:25  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 889.21 Mbit/s  
95th percentile per-packet one-way delay: 3.566 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 566.20 Mbit/s  
95th percentile per-packet one-way delay: 3.362 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 380.27 Mbit/s  
95th percentile per-packet one-way delay: 3.639 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 214.81 Mbit/s  
95th percentile per-packet one-way delay: 3.791 ms  
Loss rate: 0.23%

Run 4: Report of PCC — Data Link

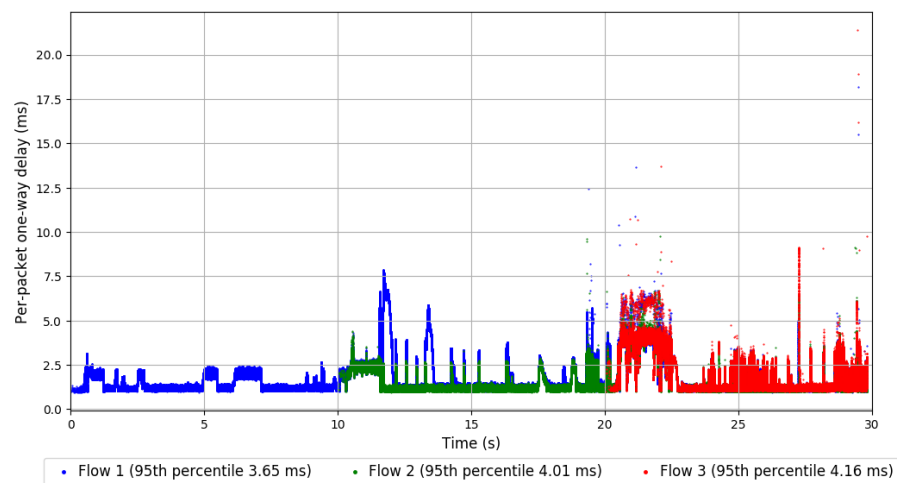
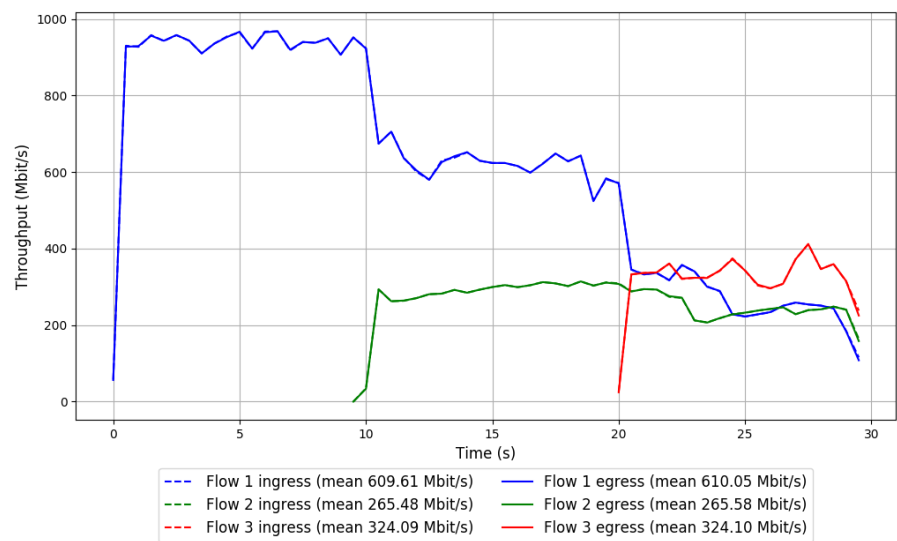


Run 5: Statistics of PCC

Start at: 2017-09-18 01:17:40  
End at: 2017-09-18 01:18:10  
Local clock offset: -3.387 ms  
Remote clock offset: -2.127 ms

# Below is generated by plot.py at 2017-09-18 09:09:29  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 893.00 Mbit/s  
95th percentile per-packet one-way delay: 3.940 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 610.05 Mbit/s  
95th percentile per-packet one-way delay: 3.647 ms  
Loss rate: 0.02%  
-- Flow 2:  
Average throughput: 265.58 Mbit/s  
95th percentile per-packet one-way delay: 4.009 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 324.10 Mbit/s  
95th percentile per-packet one-way delay: 4.157 ms  
Loss rate: 0.20%

Run 5: Report of PCC — Data Link

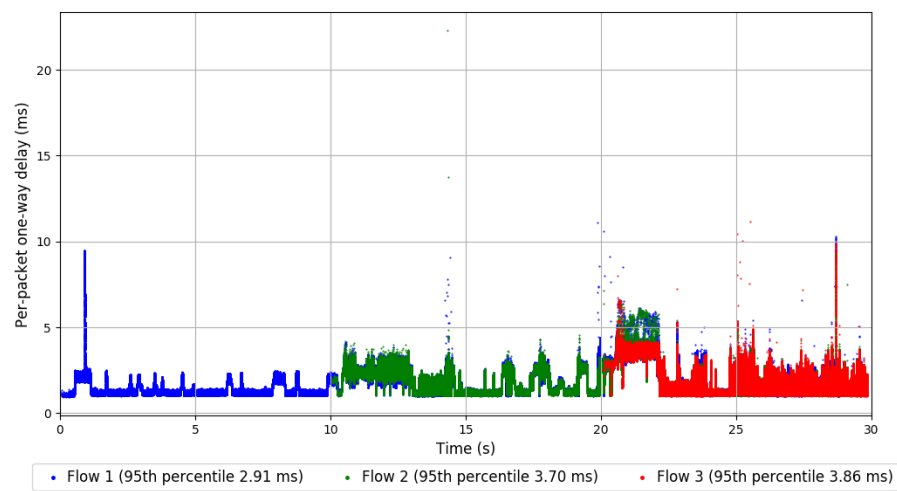
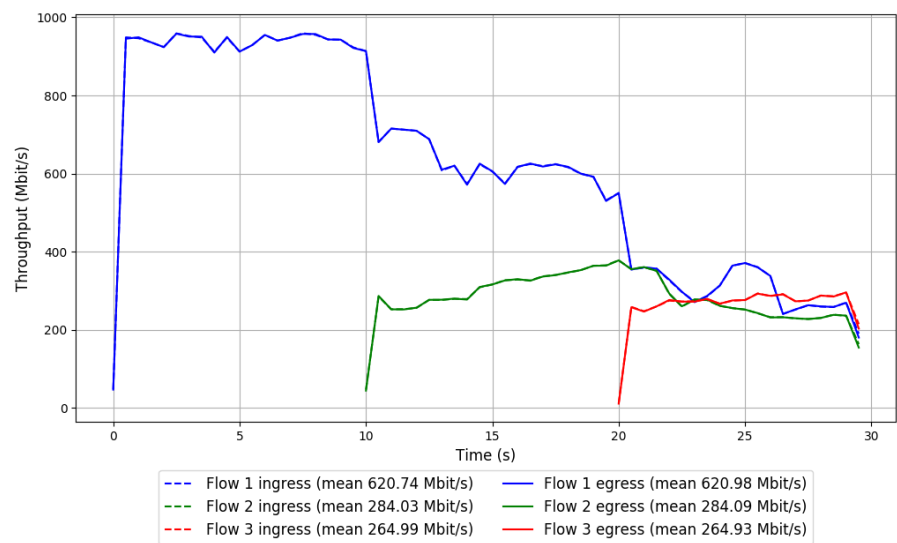


Run 6: Statistics of PCC

Start at: 2017-09-18 01:40:23  
End at: 2017-09-18 01:40:53  
Local clock offset: -3.876 ms  
Remote clock offset: -1.986 ms

# Below is generated by plot.py at 2017-09-18 09:09:50  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 896.64 Mbit/s  
95th percentile per-packet one-way delay: 3.483 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 620.98 Mbit/s  
95th percentile per-packet one-way delay: 2.911 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 284.09 Mbit/s  
95th percentile per-packet one-way delay: 3.701 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 264.93 Mbit/s  
95th percentile per-packet one-way delay: 3.856 ms  
Loss rate: 0.23%

Run 6: Report of PCC — Data Link



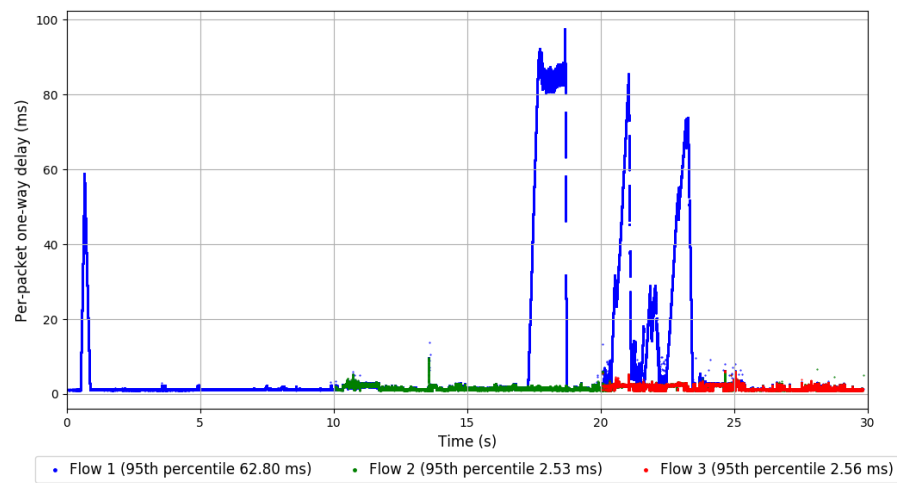
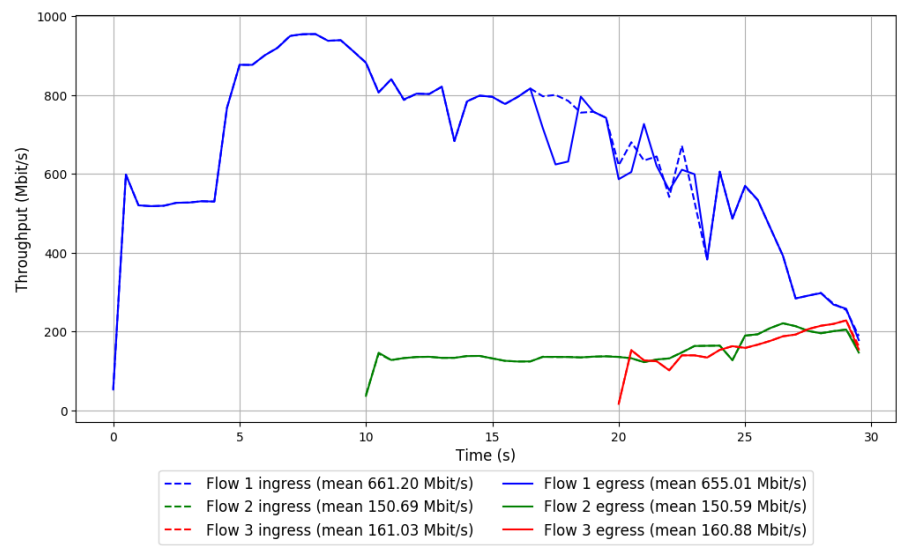
Run 7: Statistics of PCC

Start at: 2017-09-18 02:02:51  
End at: 2017-09-18 02:03:21  
Local clock offset: -4.014 ms  
Remote clock offset: -2.011 ms

# Below is generated by plot.py at 2017-09-18 09:11:27  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 807.91 Mbit/s  
95th percentile per-packet one-way delay: 52.275 ms  
Loss rate: 0.85%  
-- Flow 1:  
Average throughput: 655.01 Mbit/s  
95th percentile per-packet one-way delay: 62.801 ms  
Loss rate: 1.00%  
-- Flow 2:  
Average throughput: 150.59 Mbit/s  
95th percentile per-packet one-way delay: 2.533 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 160.88 Mbit/s  
95th percentile per-packet one-way delay: 2.564 ms  
Loss rate: 0.29%



Run 7: Report of PCC — Data Link

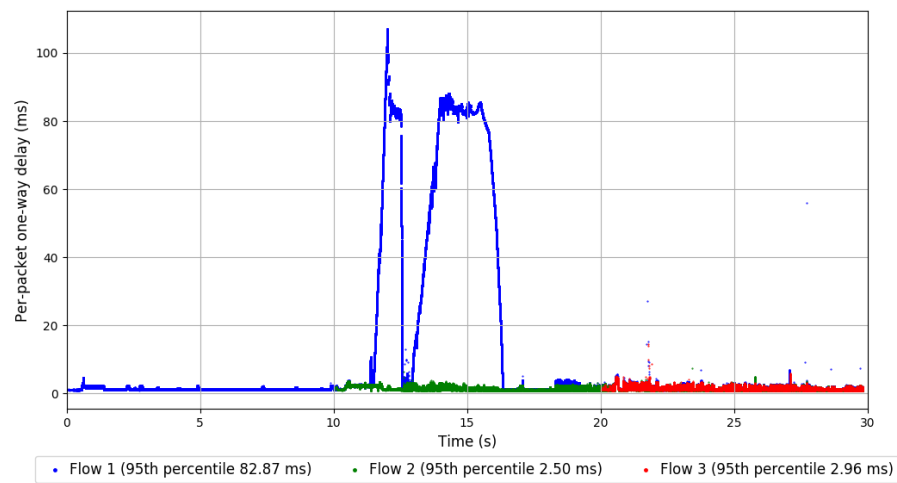
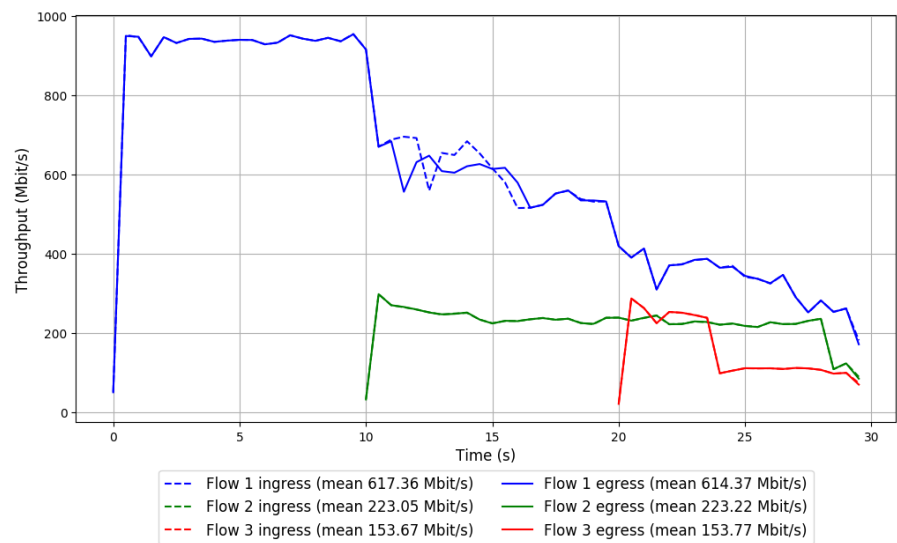


Run 8: Statistics of PCC

Start at: 2017-09-18 02:25:22  
End at: 2017-09-18 02:25:52  
Local clock offset: -3.75 ms  
Remote clock offset: -1.957 ms

# Below is generated by plot.py at 2017-09-18 09:11:30  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 813.15 Mbit/s  
95th percentile per-packet one-way delay: 82.195 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 614.37 Mbit/s  
95th percentile per-packet one-way delay: 82.869 ms  
Loss rate: 0.57%  
-- Flow 2:  
Average throughput: 223.22 Mbit/s  
95th percentile per-packet one-way delay: 2.500 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 153.77 Mbit/s  
95th percentile per-packet one-way delay: 2.957 ms  
Loss rate: 0.14%

Run 8: Report of PCC — Data Link

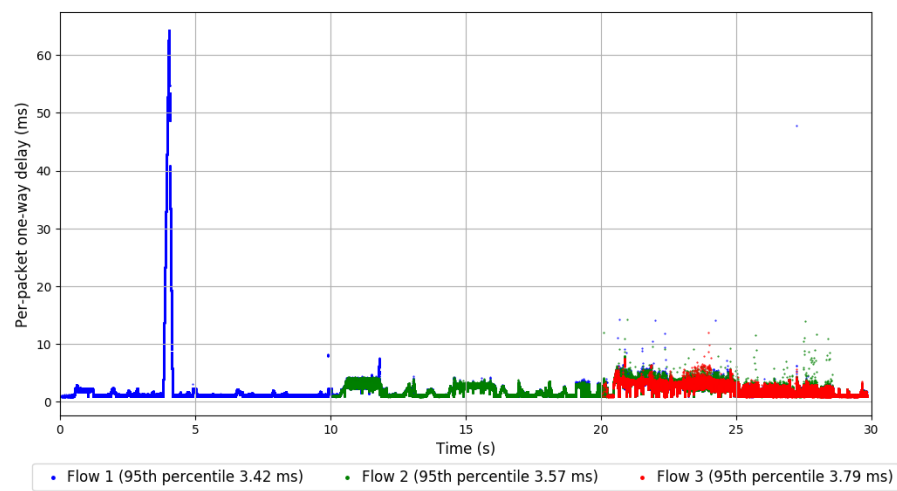
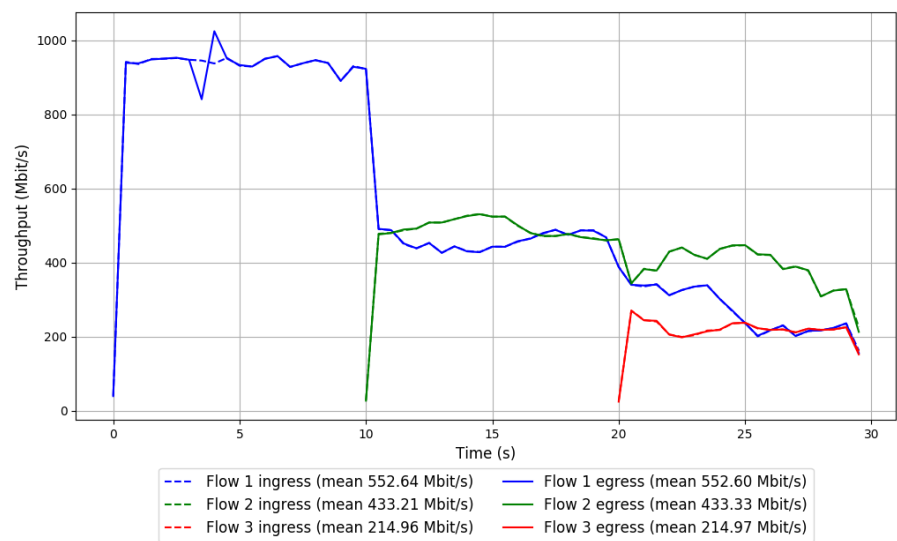


Run 9: Statistics of PCC

Start at: 2017-09-18 02:47:54  
End at: 2017-09-18 02:48:24  
Local clock offset: -3.623 ms  
Remote clock offset: -1.612 ms

# Below is generated by plot.py at 2017-09-18 09:19:10  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 911.04 Mbit/s  
95th percentile per-packet one-way delay: 3.561 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 552.60 Mbit/s  
95th percentile per-packet one-way delay: 3.424 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 433.33 Mbit/s  
95th percentile per-packet one-way delay: 3.574 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 214.97 Mbit/s  
95th percentile per-packet one-way delay: 3.787 ms  
Loss rate: 0.21%

Run 9: Report of PCC — Data Link

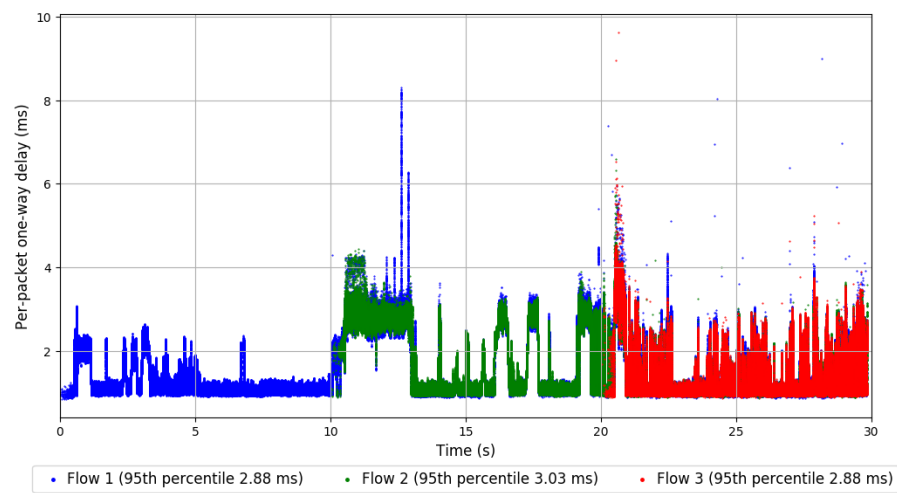
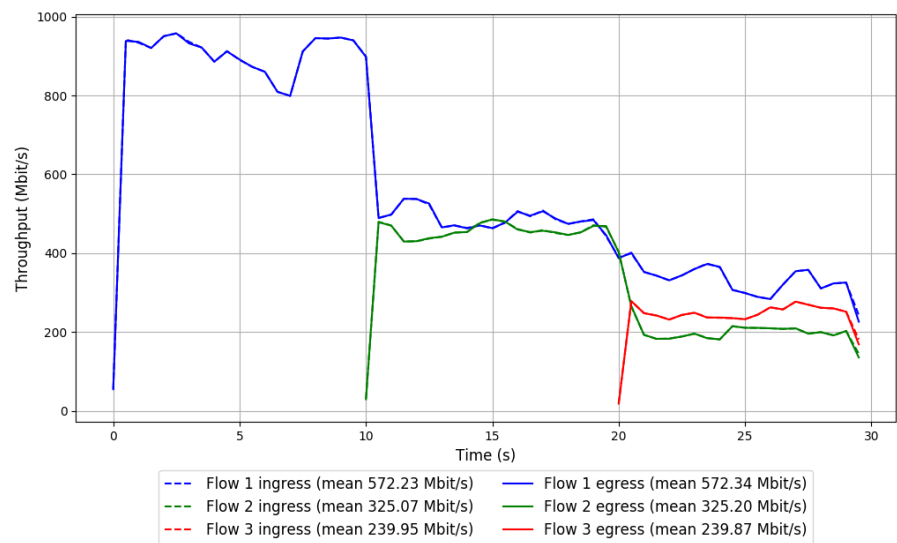


Run 10: Statistics of PCC

Start at: 2017-09-18 03:10:25  
End at: 2017-09-18 03:10:55  
Local clock offset: -3.589 ms  
Remote clock offset: -1.772 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 867.07 Mbit/s  
95th percentile per-packet one-way delay: 2.949 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 572.34 Mbit/s  
95th percentile per-packet one-way delay: 2.885 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 325.20 Mbit/s  
95th percentile per-packet one-way delay: 3.030 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 239.87 Mbit/s  
95th percentile per-packet one-way delay: 2.884 ms  
Loss rate: 0.28%

Run 10: Report of PCC — Data Link



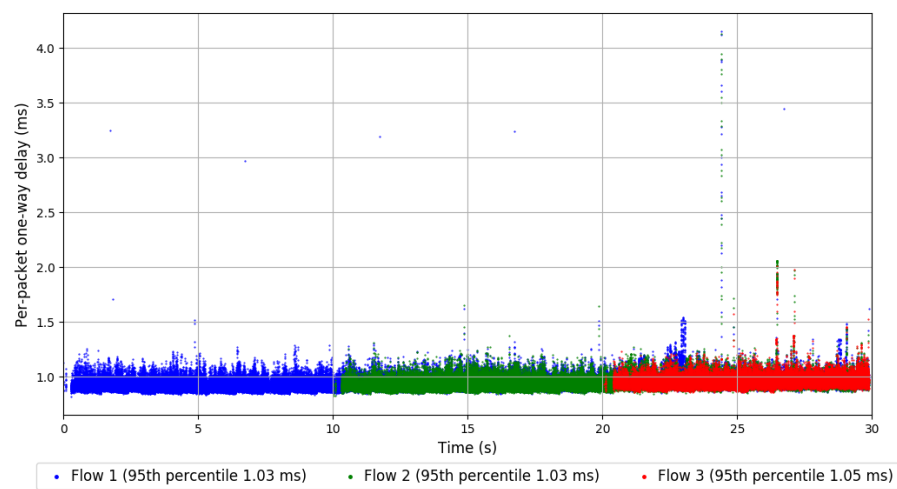
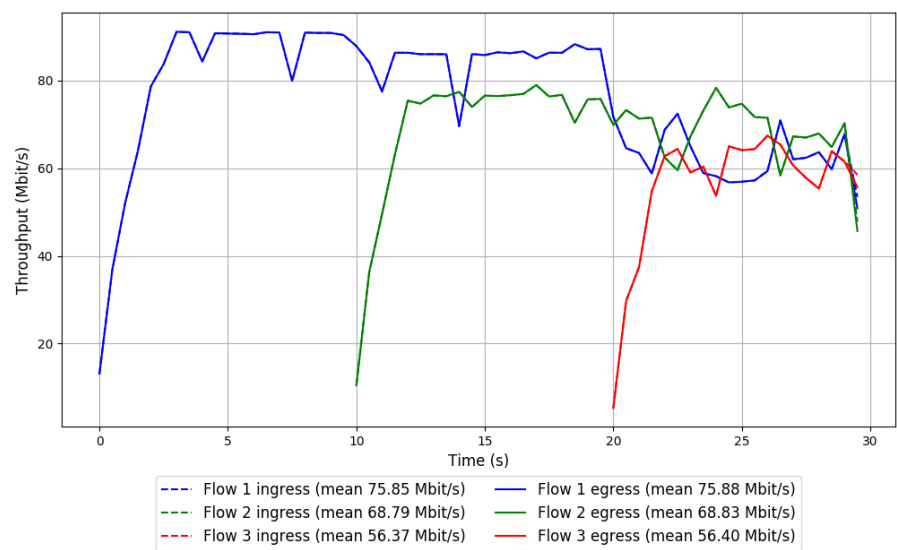
Run 1: Statistics of QUIC Cubic

Start at: 2017-09-17 23:36:04  
End at: 2017-09-17 23:36:34  
Local clock offset: -0.435 ms  
Remote clock offset: -3.139 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 140.20 Mbit/s  
95th percentile per-packet one-way delay: 1.038 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 75.88 Mbit/s  
95th percentile per-packet one-way delay: 1.035 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 68.83 Mbit/s  
95th percentile per-packet one-way delay: 1.035 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 56.40 Mbit/s  
95th percentile per-packet one-way delay: 1.049 ms  
Loss rate: 0.27%



Run 1: Report of QUIC Cubic — Data Link

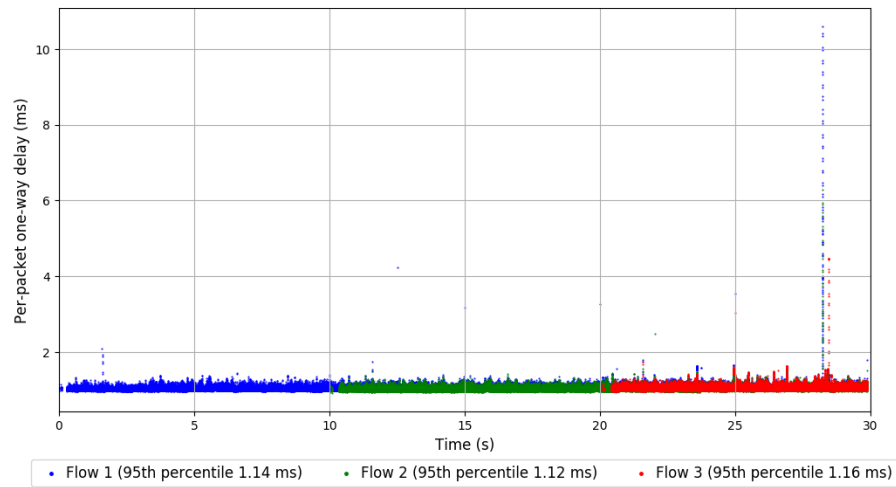
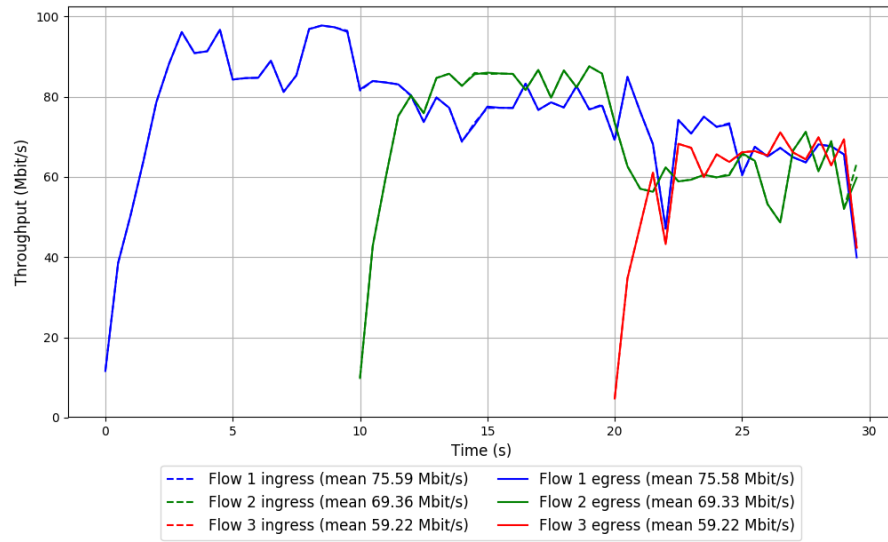


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-17 23:58:43  
End at: 2017-09-17 23:59:13  
Local clock offset: -0.979 ms  
Remote clock offset: -2.631 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 141.08 Mbit/s  
95th percentile per-packet one-way delay: 1.134 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 75.58 Mbit/s  
95th percentile per-packet one-way delay: 1.136 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 69.33 Mbit/s  
95th percentile per-packet one-way delay: 1.120 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 59.22 Mbit/s  
95th percentile per-packet one-way delay: 1.155 ms  
Loss rate: 0.00%

## Run 2: Report of QUIC Cubic — Data Link

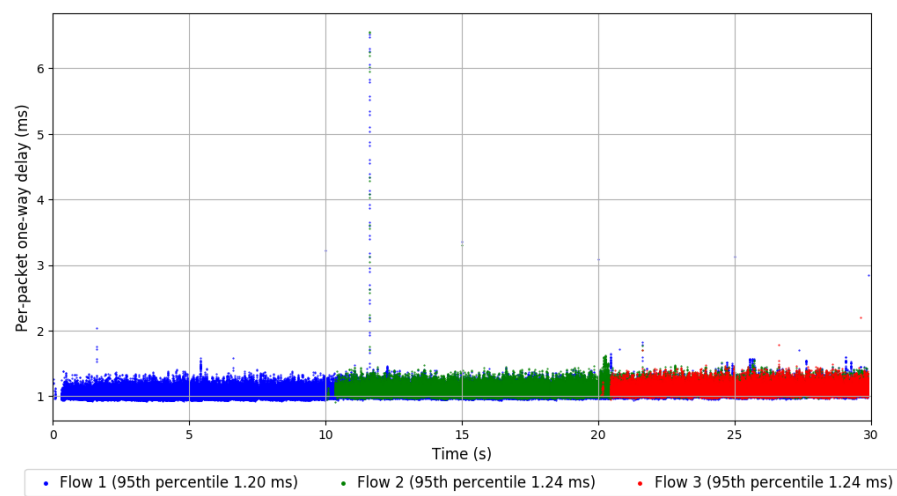
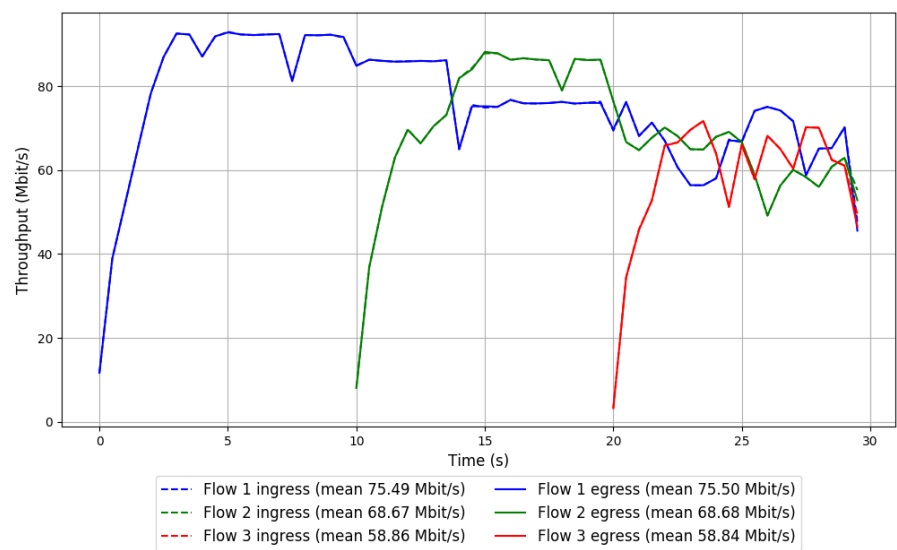


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-18 00:21:11  
End at: 2017-09-18 00:21:41  
Local clock offset: -1.551 ms  
Remote clock offset: -2.194 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 140.41 Mbit/s  
95th percentile per-packet one-way delay: 1.222 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 75.50 Mbit/s  
95th percentile per-packet one-way delay: 1.203 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 68.68 Mbit/s  
95th percentile per-packet one-way delay: 1.238 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 58.84 Mbit/s  
95th percentile per-packet one-way delay: 1.239 ms  
Loss rate: 0.27%

Run 3: Report of QUIC Cubic — Data Link

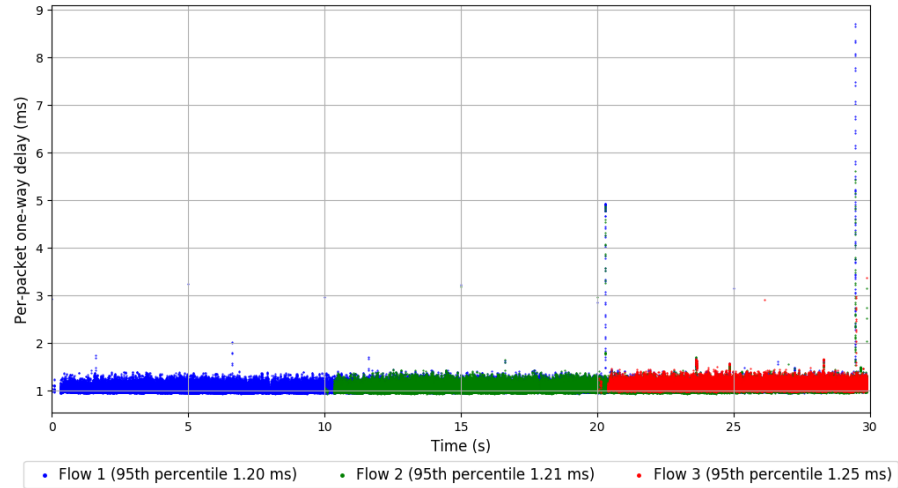
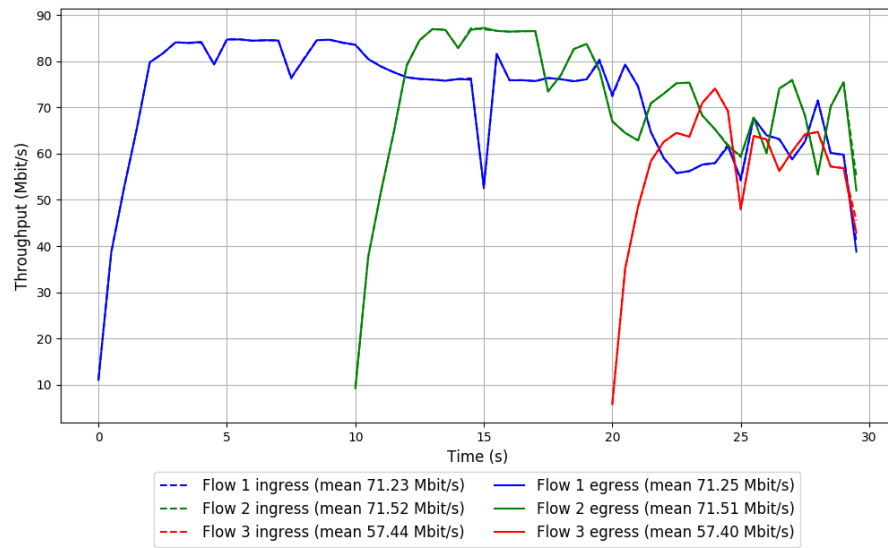


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 00:43:30  
End at: 2017-09-18 00:44:00  
Local clock offset: -2.295 ms  
Remote clock offset: -2.211 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 137.71 Mbit/s  
95th percentile per-packet one-way delay: 1.210 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 71.25 Mbit/s  
95th percentile per-packet one-way delay: 1.199 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 71.51 Mbit/s  
95th percentile per-packet one-way delay: 1.205 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 57.40 Mbit/s  
95th percentile per-packet one-way delay: 1.247 ms  
Loss rate: 0.25%

#### Run 4: Report of QUIC Cubic — Data Link



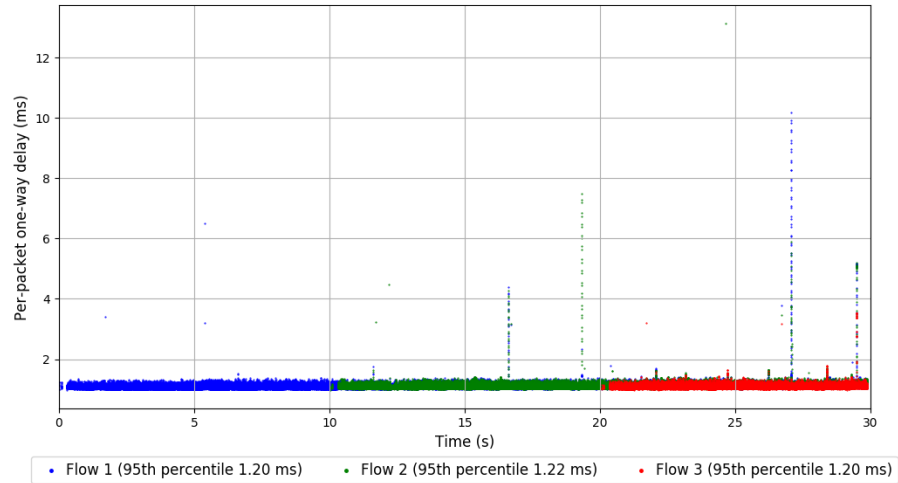
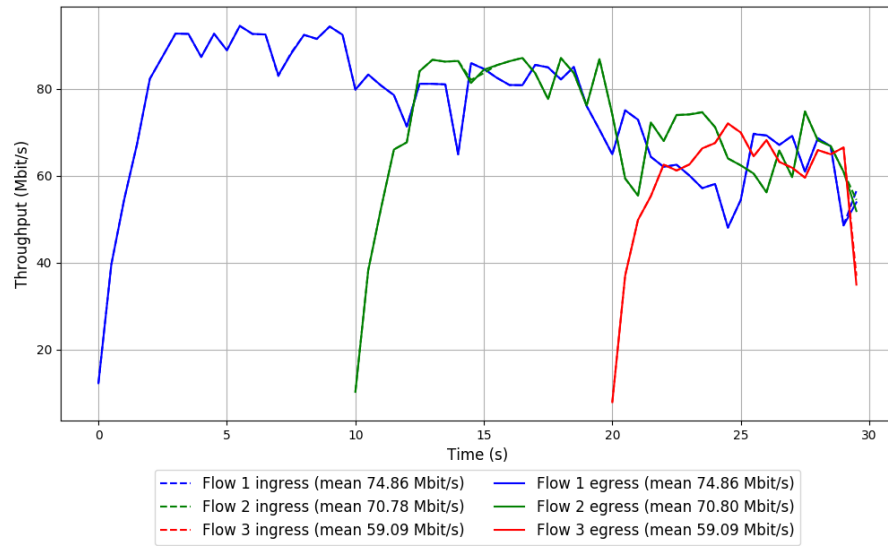
Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 01:05:50  
End at: 2017-09-18 01:06:20  
Local clock offset: -3.191 ms  
Remote clock offset: -2.215 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 141.35 Mbit/s  
95th percentile per-packet one-way delay: 1.208 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 74.86 Mbit/s  
95th percentile per-packet one-way delay: 1.202 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 70.80 Mbit/s  
95th percentile per-packet one-way delay: 1.218 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 59.09 Mbit/s  
95th percentile per-packet one-way delay: 1.201 ms  
Loss rate: 0.19%



## Run 5: Report of QUIC Cubic — Data Link

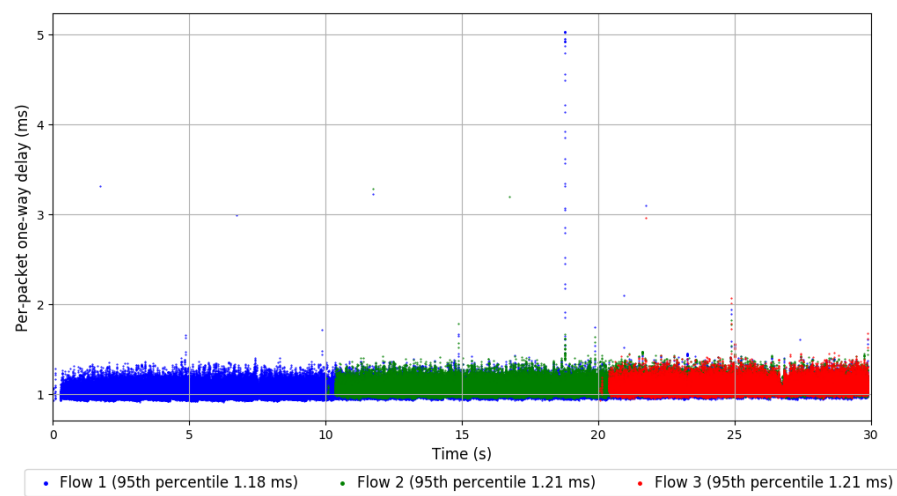
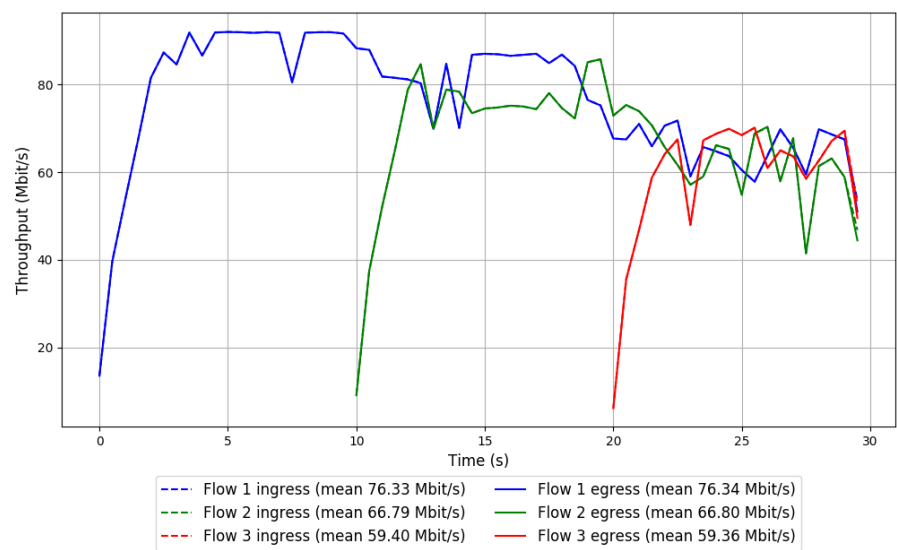


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-18 01:28:37  
End at: 2017-09-18 01:29:07  
Local clock offset: -3.68 ms  
Remote clock offset: -2.139 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 140.29 Mbit/s  
95th percentile per-packet one-way delay: 1.195 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 76.34 Mbit/s  
95th percentile per-packet one-way delay: 1.179 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 66.80 Mbit/s  
95th percentile per-packet one-way delay: 1.209 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 59.36 Mbit/s  
95th percentile per-packet one-way delay: 1.214 ms  
Loss rate: 0.27%

Run 6: Report of QUIC Cubic — Data Link

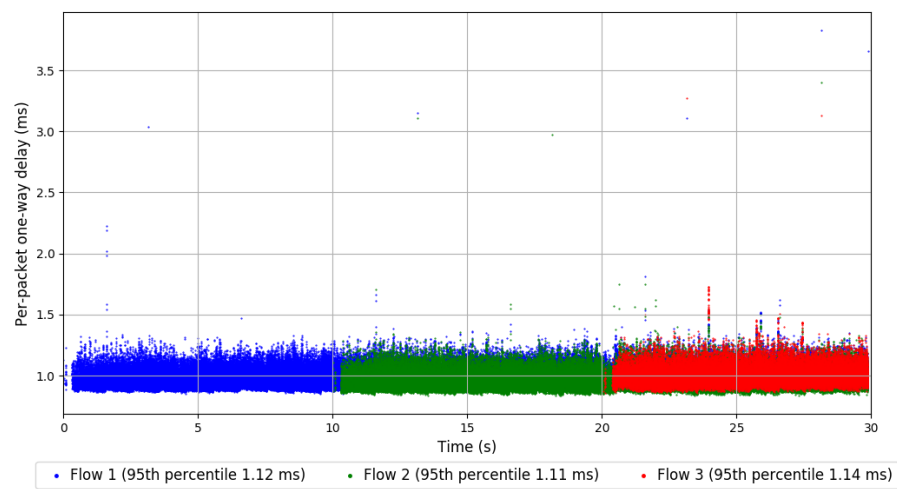
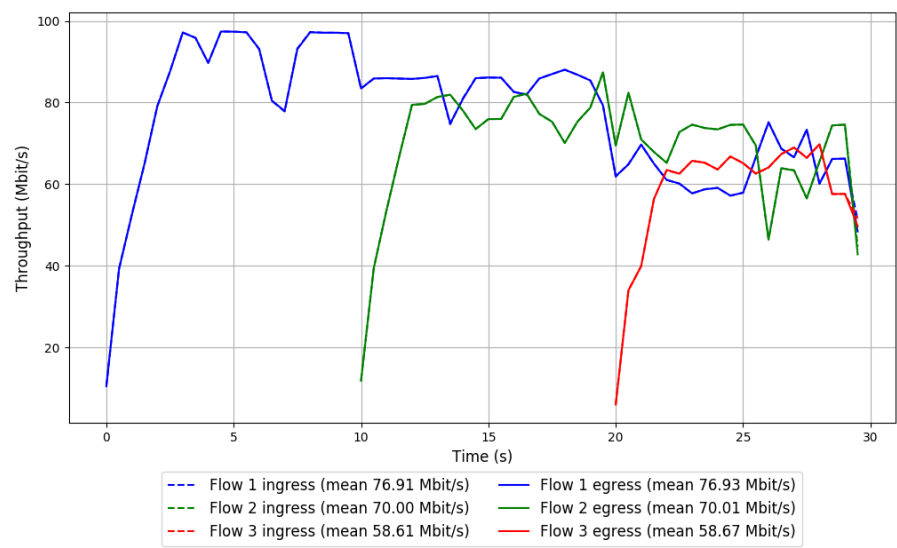


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 01:51:14  
End at: 2017-09-18 01:51:44  
Local clock offset: -4.089 ms  
Remote clock offset: -1.976 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 142.77 Mbit/s  
95th percentile per-packet one-way delay: 1.119 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 76.93 Mbit/s  
95th percentile per-packet one-way delay: 1.119 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 70.01 Mbit/s  
95th percentile per-packet one-way delay: 1.106 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 58.67 Mbit/s  
95th percentile per-packet one-way delay: 1.141 ms  
Loss rate: 0.17%

Run 7: Report of QUIC Cubic — Data Link

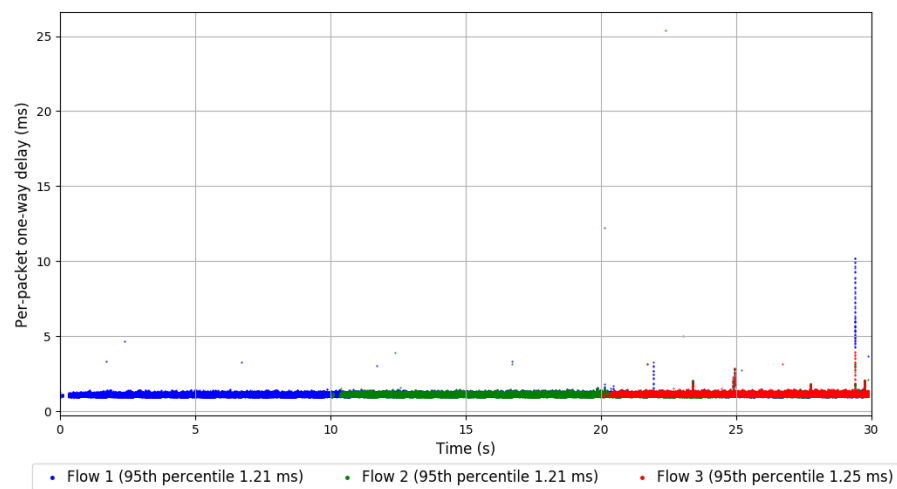
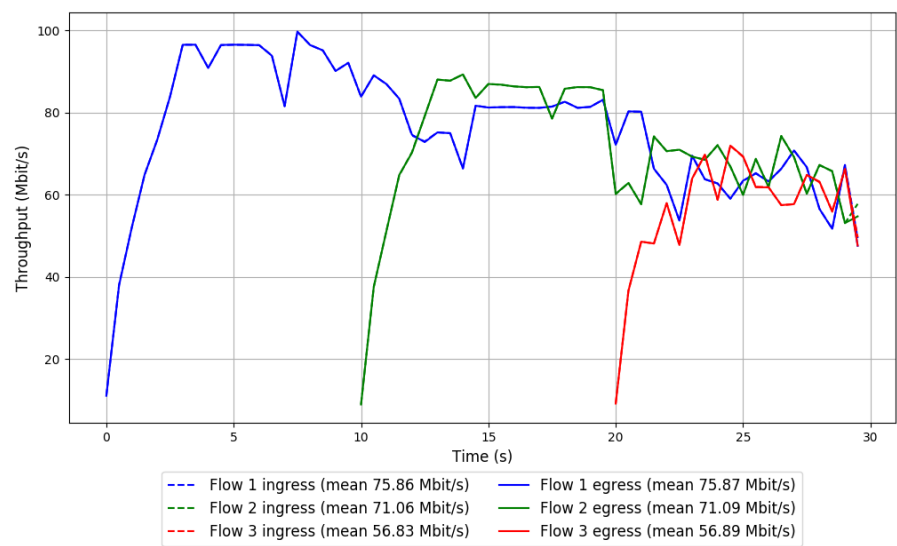


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 02:13:42  
End at: 2017-09-18 02:14:12  
Local clock offset: -3.818 ms  
Remote clock offset: -1.939 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 141.80 Mbit/s  
95th percentile per-packet one-way delay: 1.217 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 75.87 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 71.09 Mbit/s  
95th percentile per-packet one-way delay: 1.212 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 56.89 Mbit/s  
95th percentile per-packet one-way delay: 1.252 ms  
Loss rate: 0.20%

Run 8: Report of QUIC Cubic — Data Link



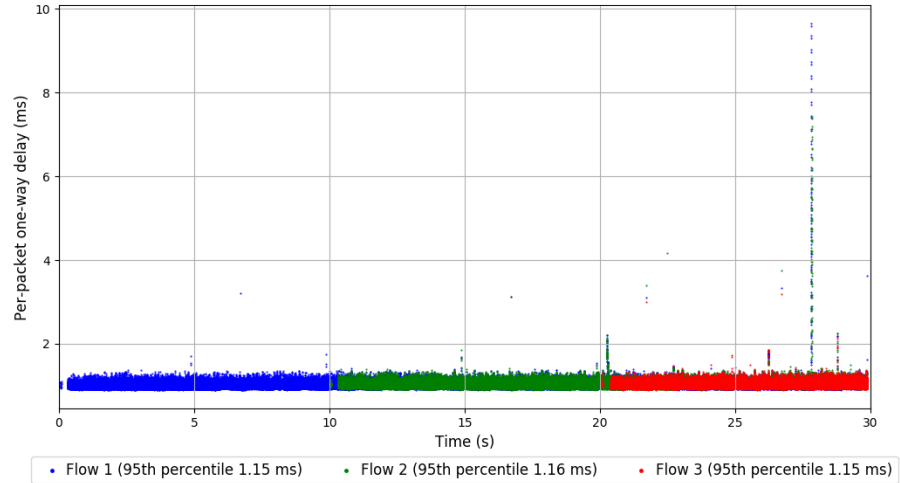
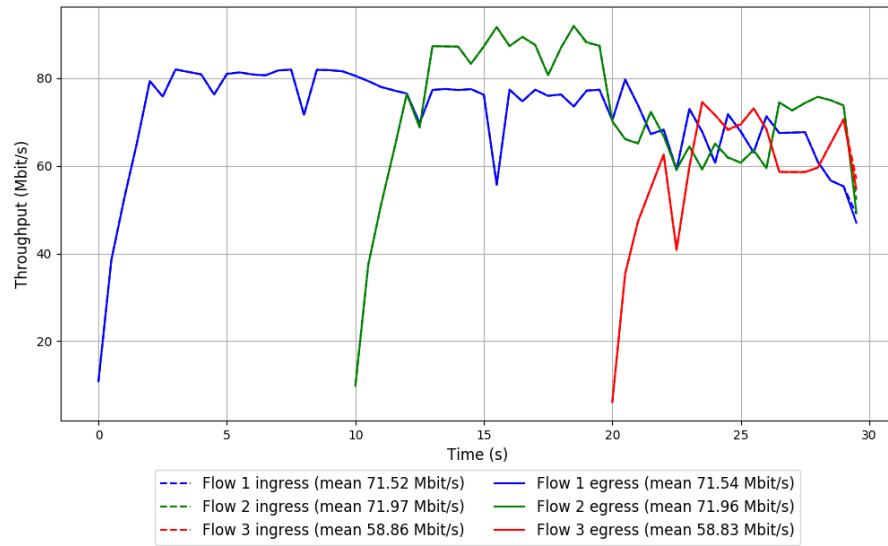
Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 02:36:22  
End at: 2017-09-18 02:36:52  
Local clock offset: -3.659 ms  
Remote clock offset: -1.881 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 138.76 Mbit/s  
95th percentile per-packet one-way delay: 1.150 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 71.54 Mbit/s  
95th percentile per-packet one-way delay: 1.147 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 71.96 Mbit/s  
95th percentile per-packet one-way delay: 1.155 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 58.83 Mbit/s  
95th percentile per-packet one-way delay: 1.151 ms  
Loss rate: 0.21%



# Run 9: Report of QUIC Cubic — Data Link

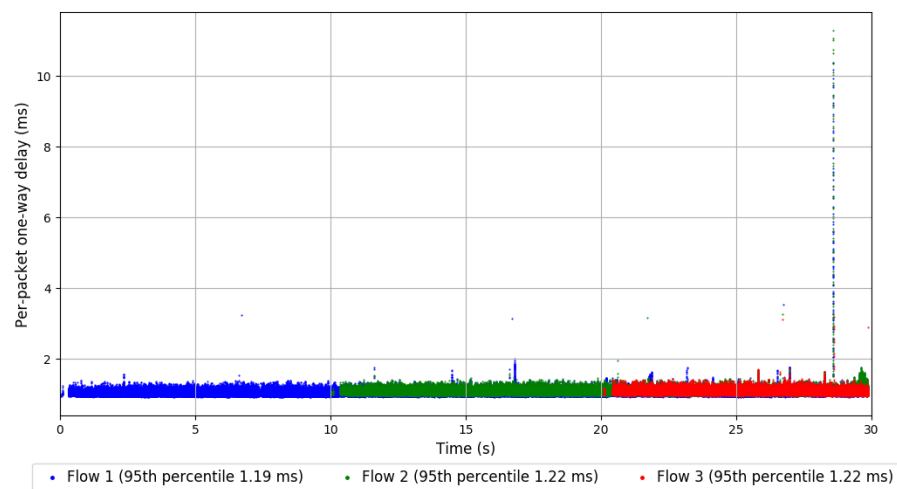
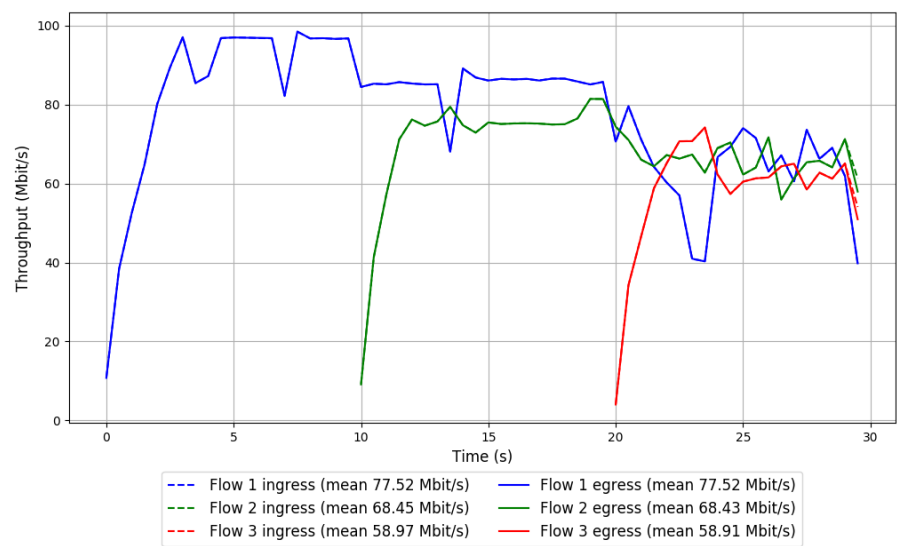


Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 02:58:46  
End at: 2017-09-18 02:59:16  
Local clock offset: -3.506 ms  
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 142.25 Mbit/s  
95th percentile per-packet one-way delay: 1.203 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 77.52 Mbit/s  
95th percentile per-packet one-way delay: 1.185 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 68.43 Mbit/s  
95th percentile per-packet one-way delay: 1.220 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 58.91 Mbit/s  
95th percentile per-packet one-way delay: 1.217 ms  
Loss rate: 0.28%

Run 10: Report of QUIC Cubic — Data Link

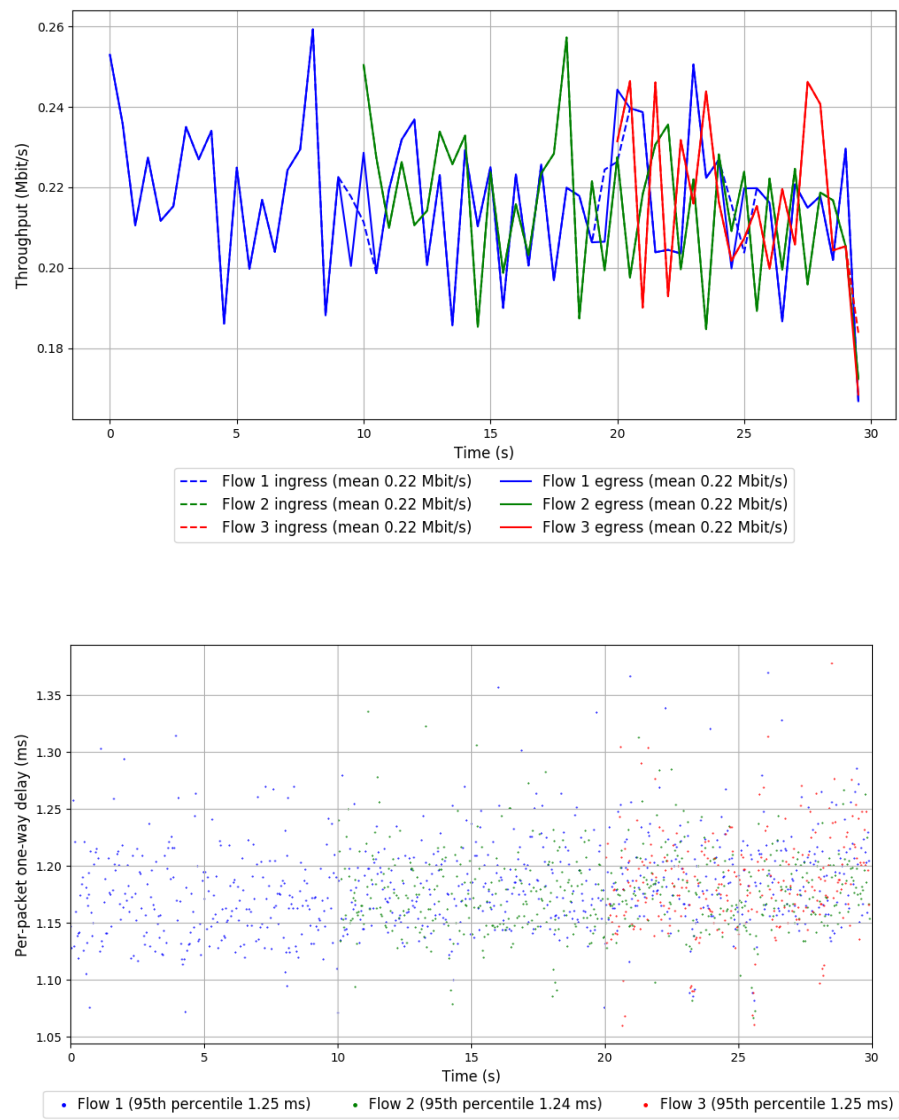


Run 1: Statistics of SReAM

Start at: 2017-09-17 23:37:21  
End at: 2017-09-17 23:37:51  
Local clock offset: -0.319 ms  
Remote clock offset: -3.162 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.250 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.253 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.239 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.253 ms  
Loss rate: 0.35%

Run 1: Report of SReAM — Data Link

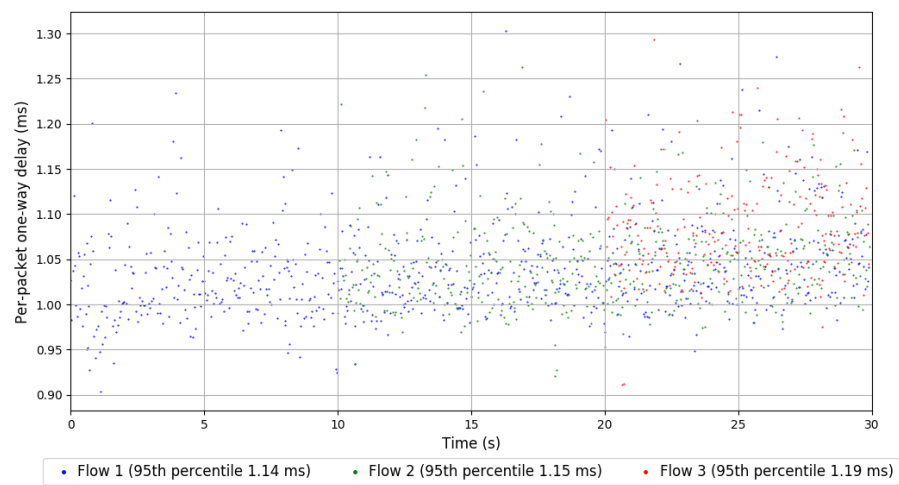
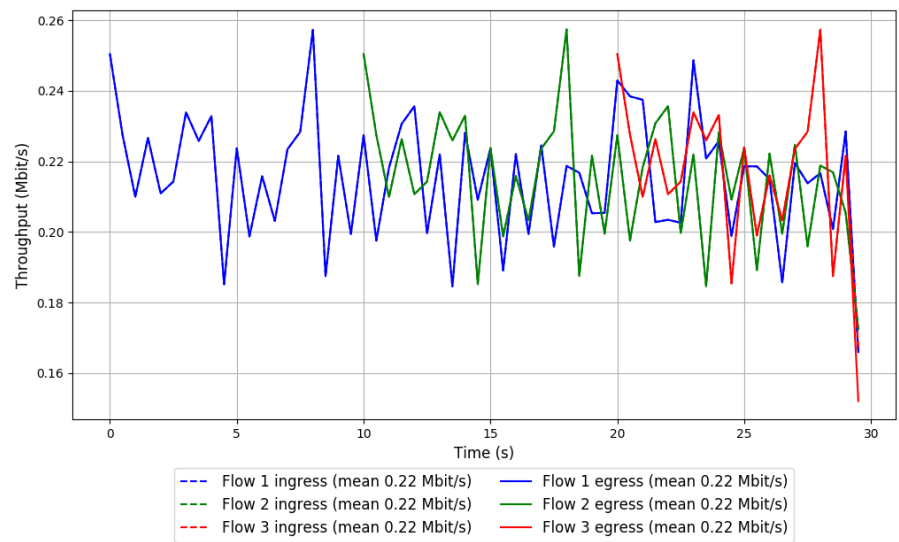


Run 2: Statistics of SReAM

Start at: 2017-09-18 00:00:00  
End at: 2017-09-18 00:00:30  
Local clock offset: -0.991 ms  
Remote clock offset: -2.499 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.156 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.141 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.149 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.189 ms  
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link



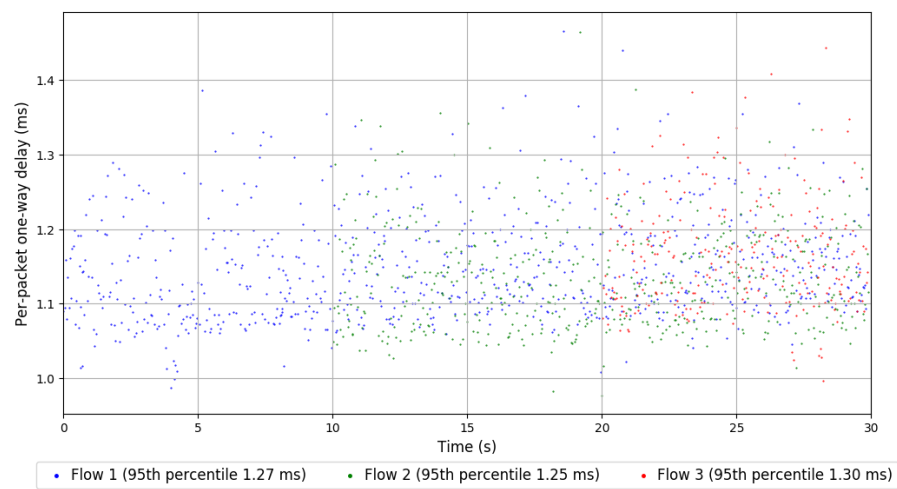
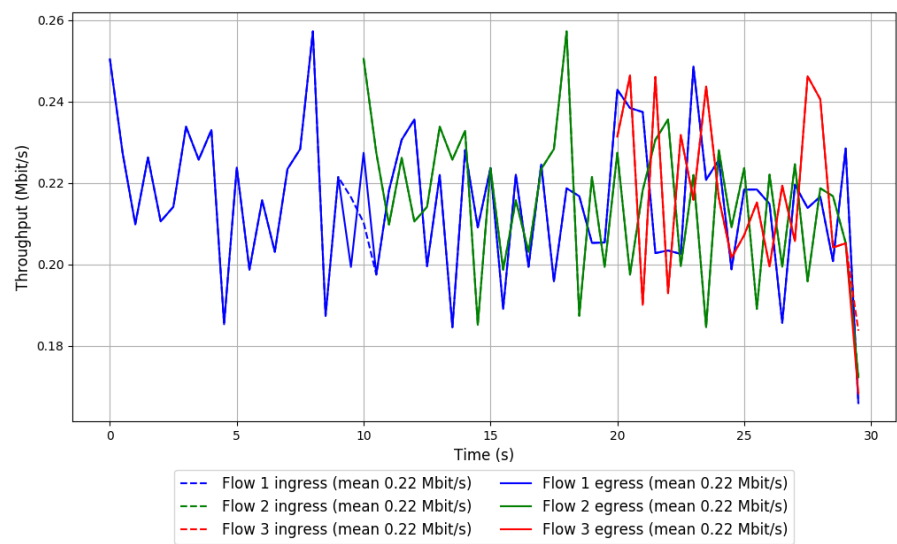
Run 3: Statistics of SReAM

Start at: 2017-09-18 00:22:28  
End at: 2017-09-18 00:22:58  
Local clock offset: -1.592 ms  
Remote clock offset: -2.158 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.276 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.275 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.252 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.300 ms  
Loss rate: 0.35%



Run 3: Report of SReAM — Data Link

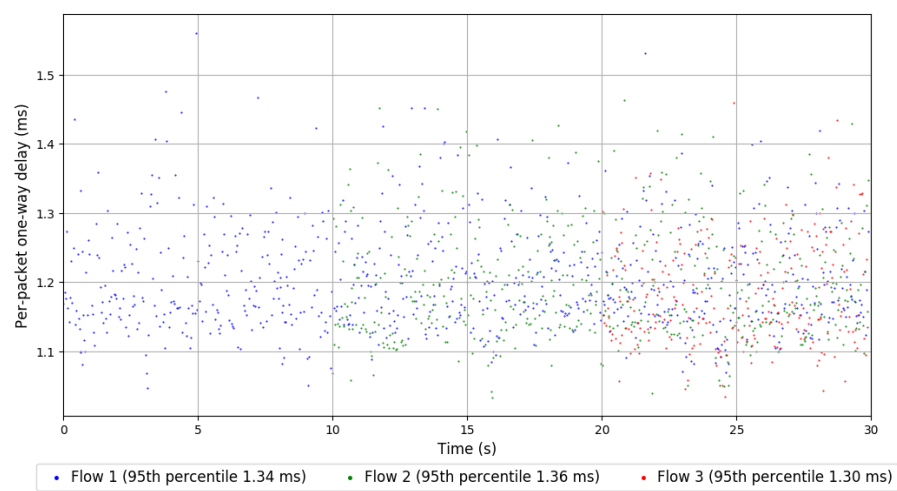
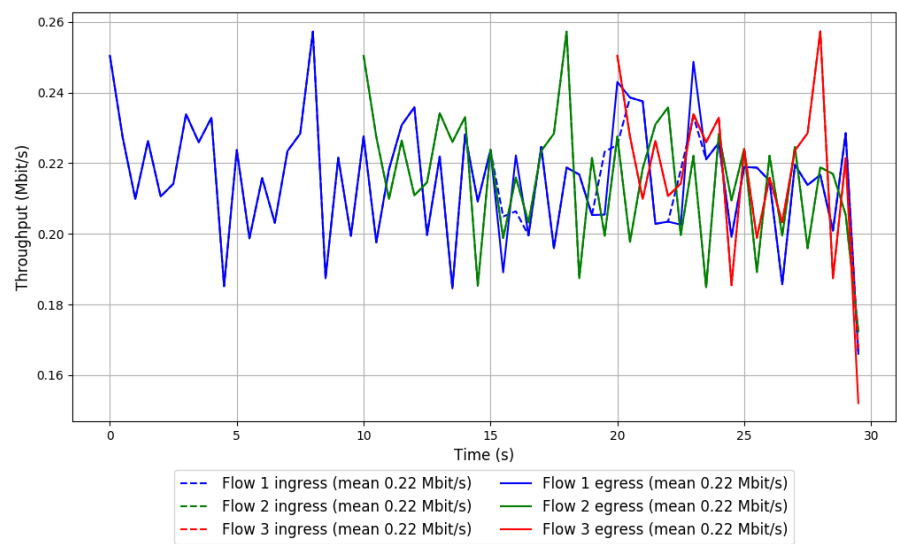


Run 4: Statistics of SReAM

Start at: 2017-09-18 00:44:47  
End at: 2017-09-18 00:45:17  
Local clock offset: -2.352 ms  
Remote clock offset: -2.284 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.339 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.337 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.357 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.305 ms  
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

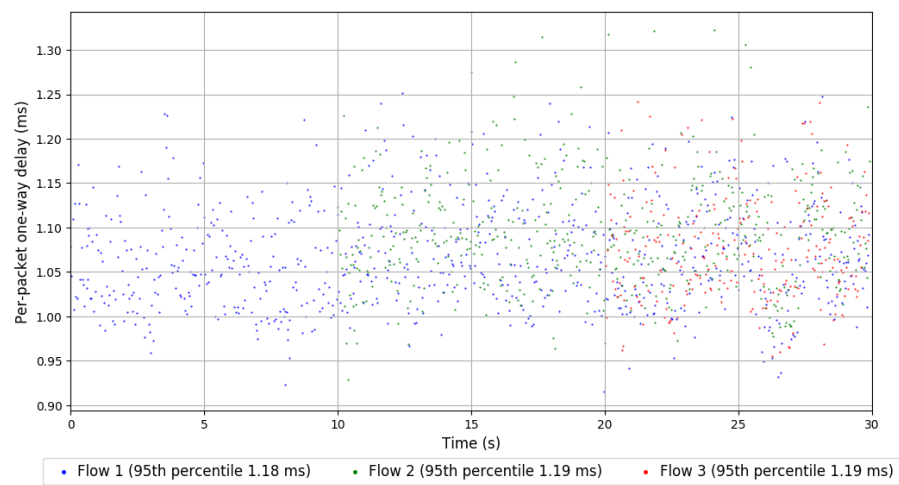
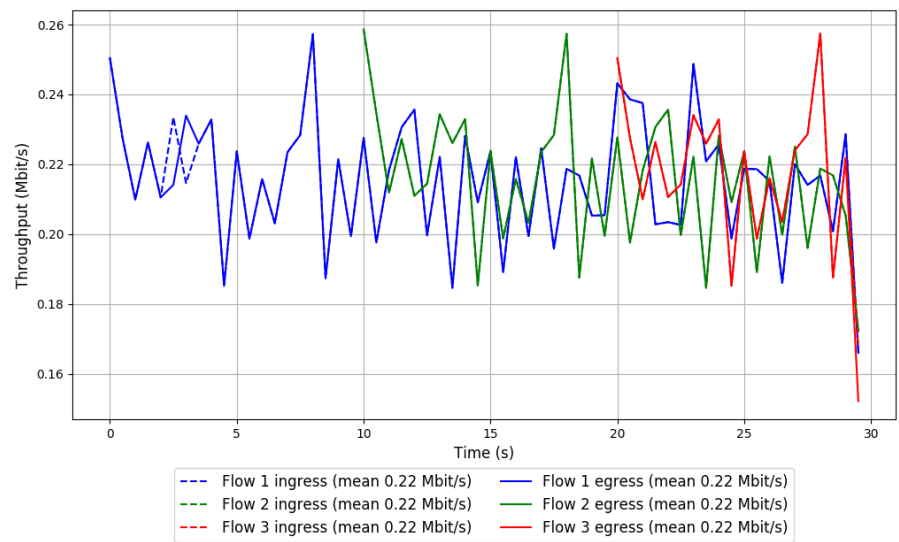


Run 5: Statistics of SReAM

Start at: 2017-09-18 01:07:07  
End at: 2017-09-18 01:07:37  
Local clock offset: -3.362 ms  
Remote clock offset: -2.209 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.185 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.176 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.189 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.193 ms  
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

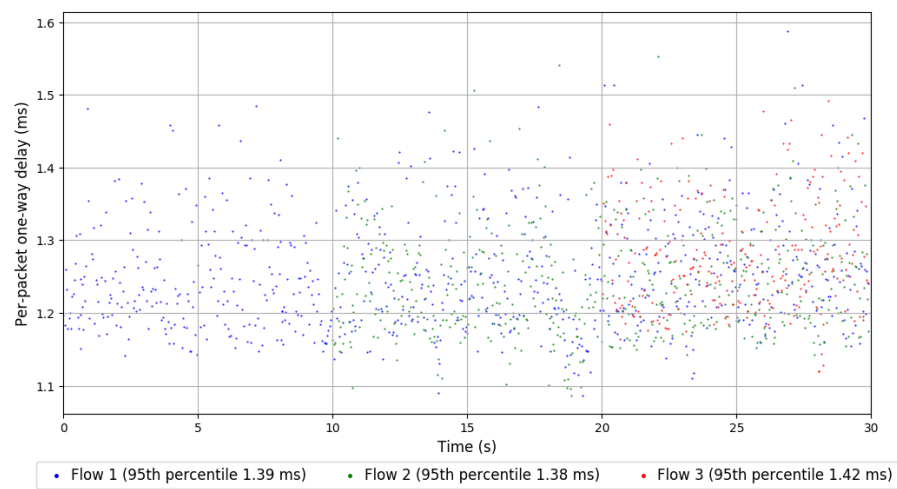
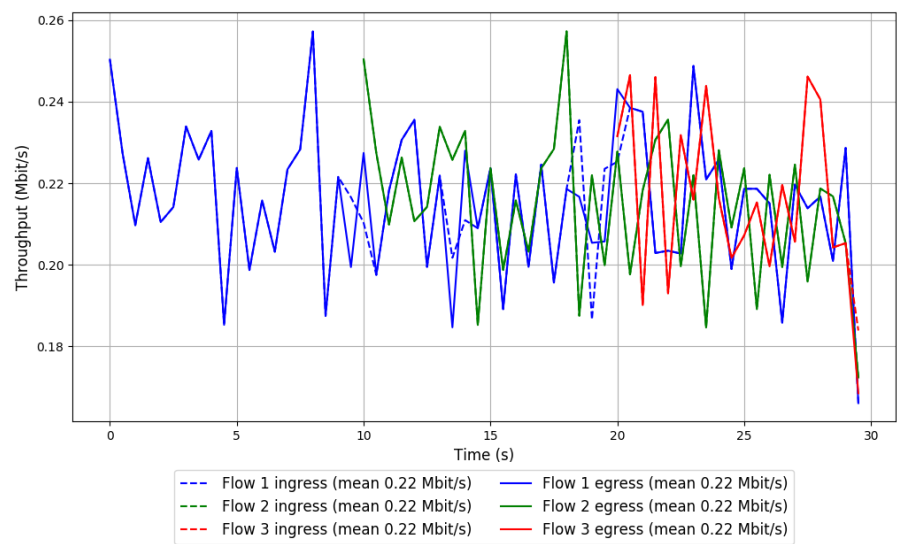


Run 6: Statistics of SCReAM

Start at: 2017-09-18 01:29:53  
End at: 2017-09-18 01:30:23  
Local clock offset: -3.601 ms  
Remote clock offset: -2.138 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.388 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.385 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.376 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.417 ms  
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link



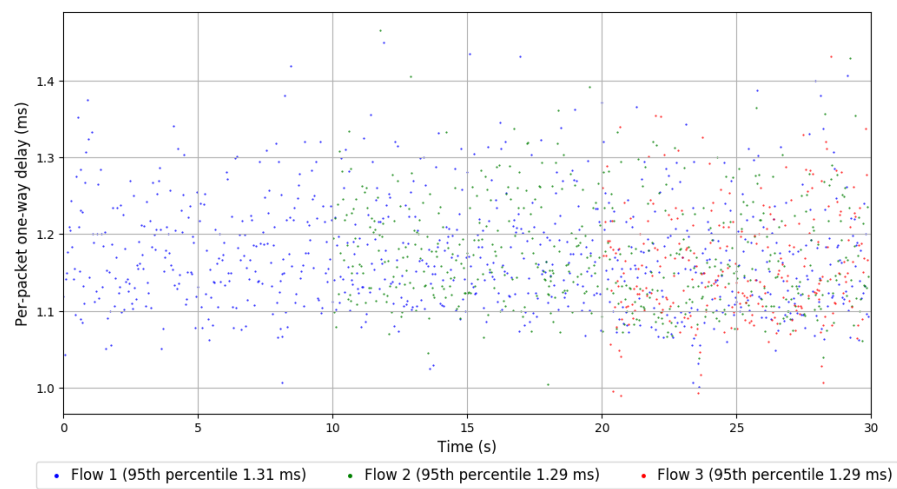
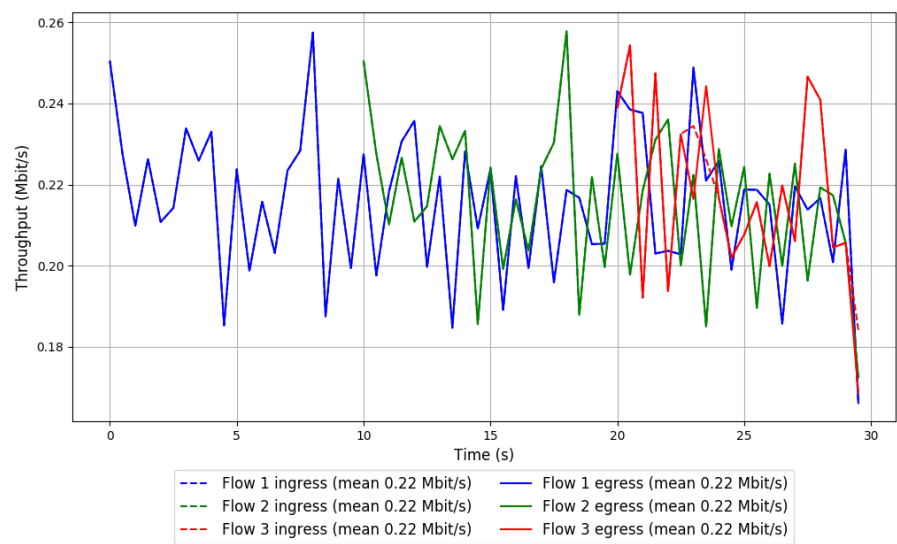
Run 7: Statistics of SReAM

Start at: 2017-09-18 01:52:31  
End at: 2017-09-18 01:53:01  
Local clock offset: -3.963 ms  
Remote clock offset: -1.958 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.303 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.311 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.293 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.289 ms  
Loss rate: 0.35%



Run 7: Report of SReAM — Data Link

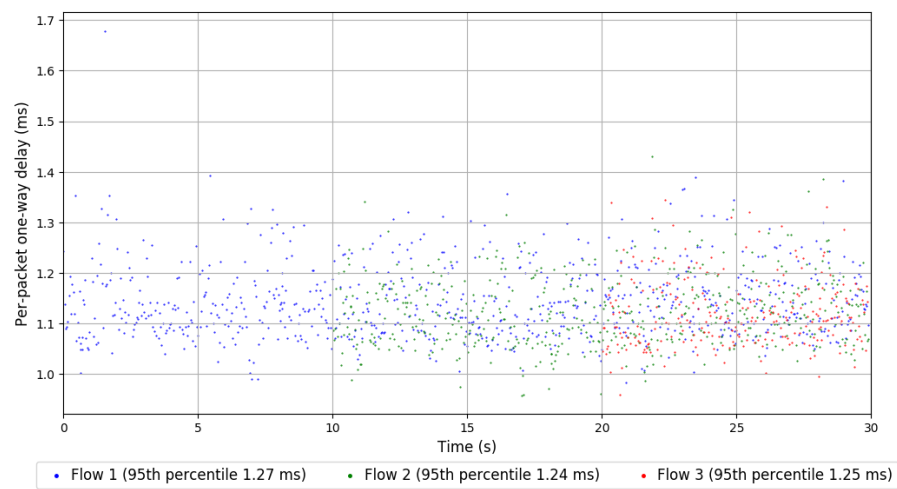
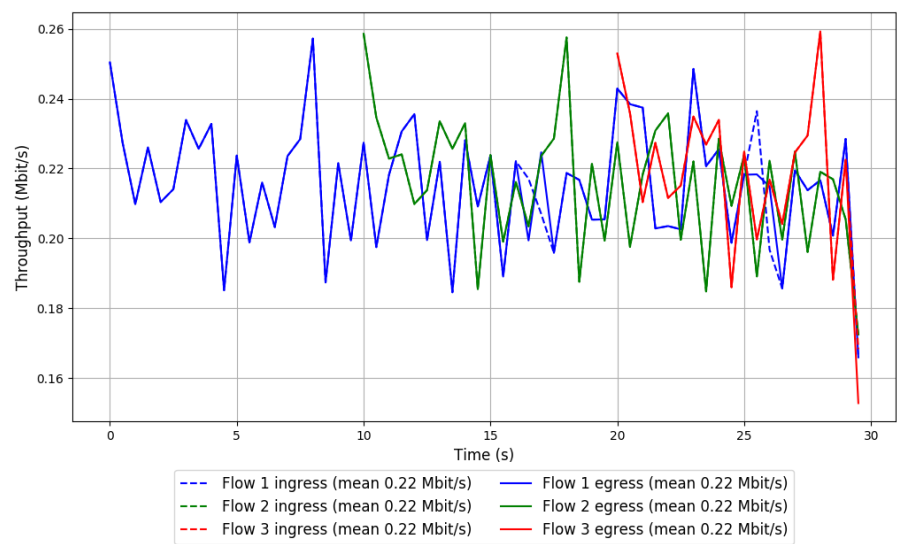


Run 8: Statistics of SReAM

Start at: 2017-09-18 02:14:59  
End at: 2017-09-18 02:15:29  
Local clock offset: -3.891 ms  
Remote clock offset: -1.982 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.260 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.275 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.243 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.245 ms  
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

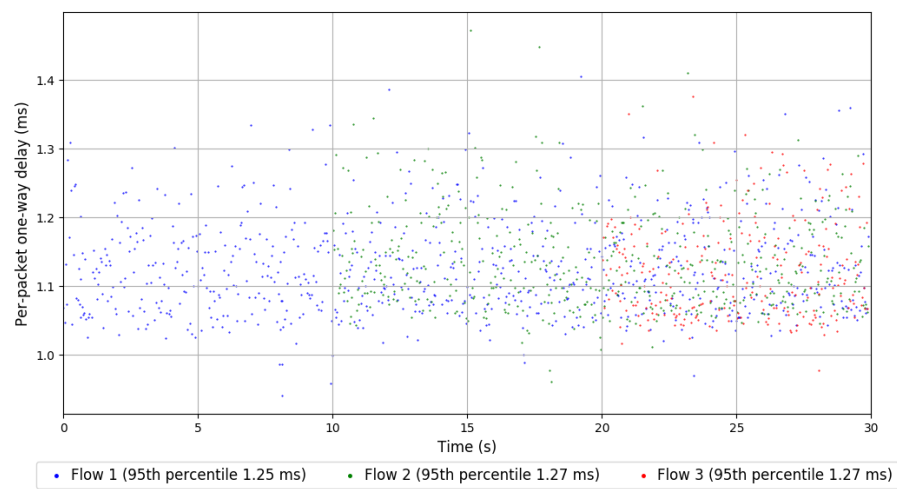
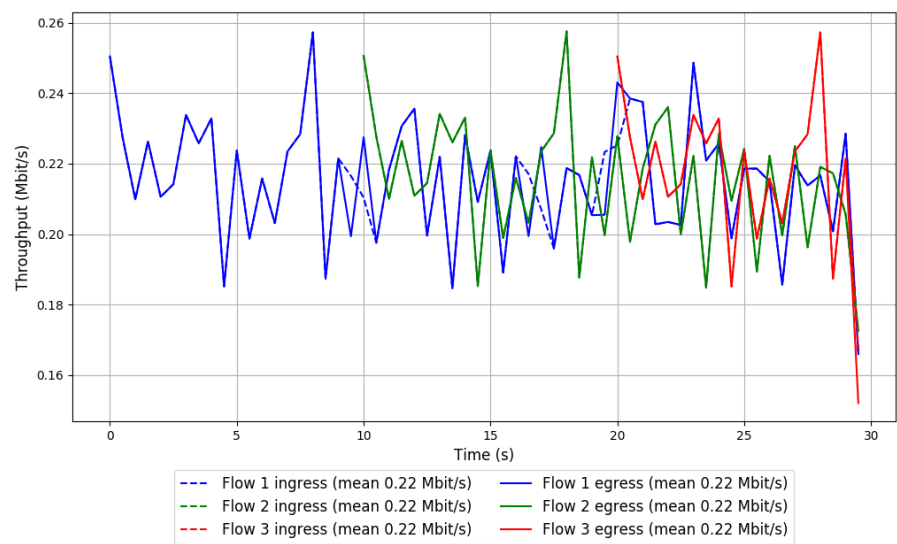


Run 9: Statistics of SReAM

Start at: 2017-09-18 02:37:39  
End at: 2017-09-18 02:38:09  
Local clock offset: -3.658 ms  
Remote clock offset: -1.878 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.263 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.251 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.270 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.266 ms  
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

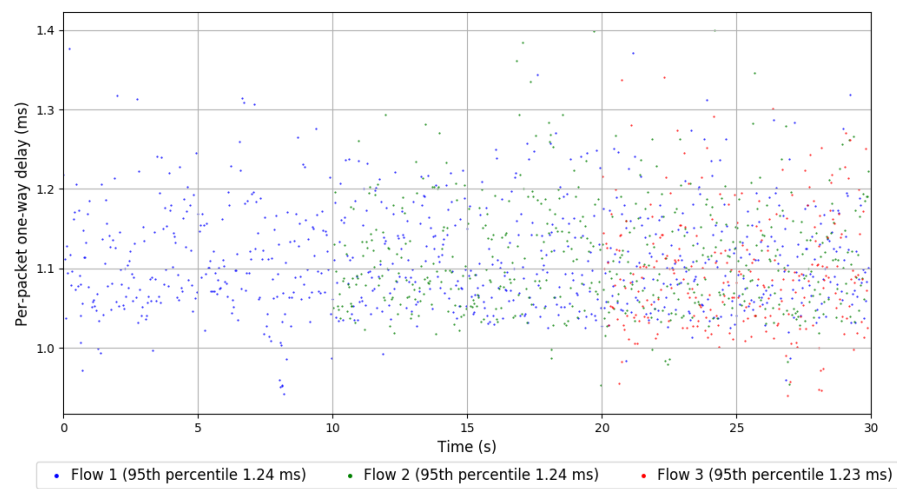
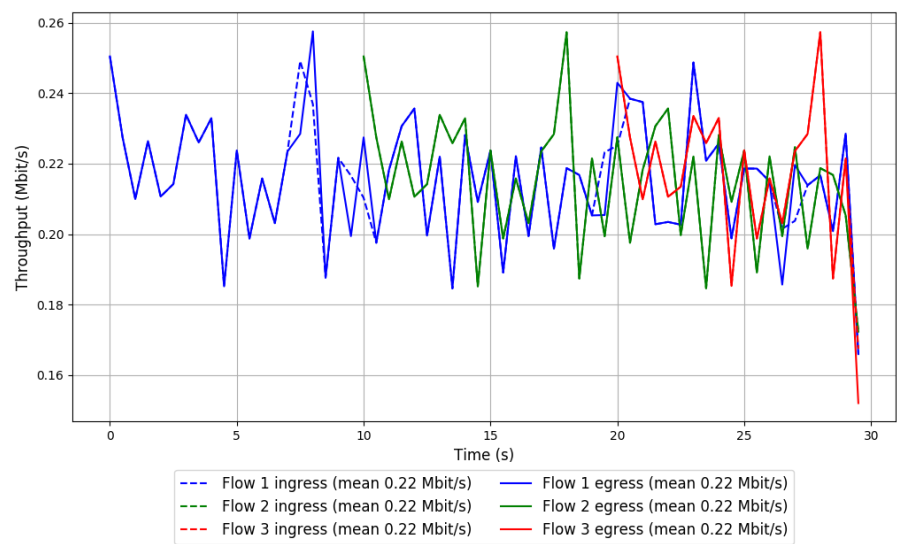


Run 10: Statistics of SReAM

Start at: 2017-09-18 03:00:03  
End at: 2017-09-18 03:00:33  
Local clock offset: -3.619 ms  
Remote clock offset: -1.739 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 1.237 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.238 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.228 ms  
Loss rate: 0.35%

Run 10: Report of SReAM — Data Link



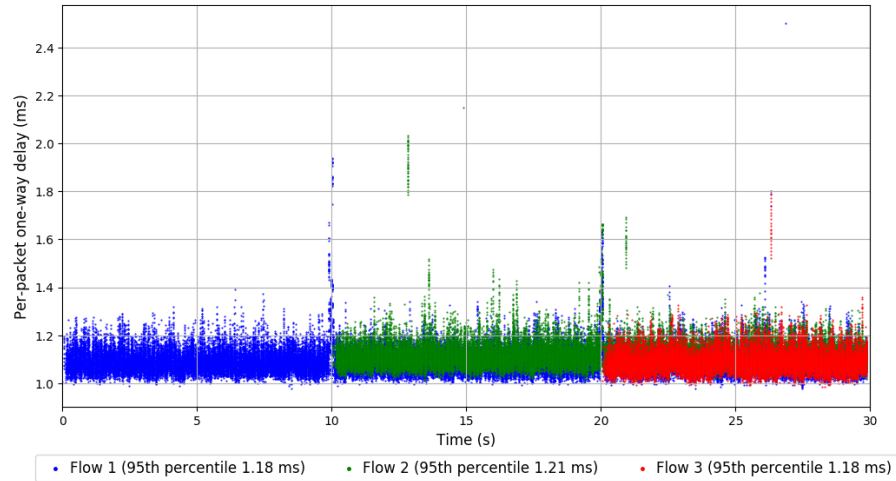
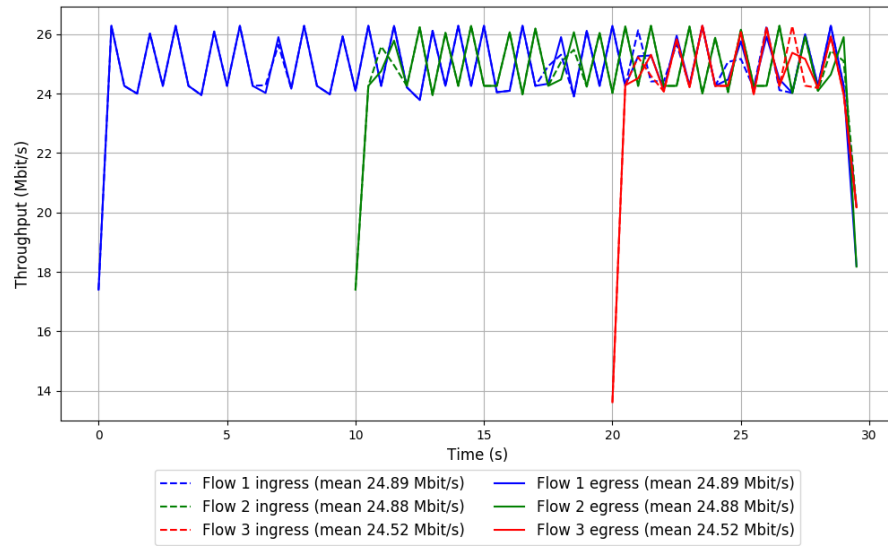
Run 1: Statistics of Sprout

Start at: 2017-09-17 23:29:29  
End at: 2017-09-17 23:29:59  
Local clock offset: -0.242 ms  
Remote clock offset: -3.151 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 49.44 Mbit/s  
95th percentile per-packet one-way delay: 1.190 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 24.89 Mbit/s  
95th percentile per-packet one-way delay: 1.179 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 24.88 Mbit/s  
95th percentile per-packet one-way delay: 1.208 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 24.52 Mbit/s  
95th percentile per-packet one-way delay: 1.179 ms  
Loss rate: 0.00%



# Run 1: Report of Sprout — Data Link

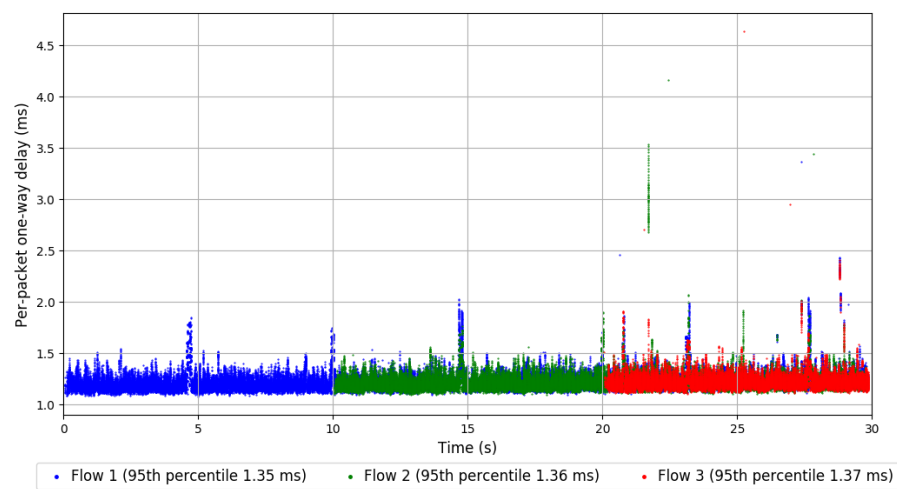
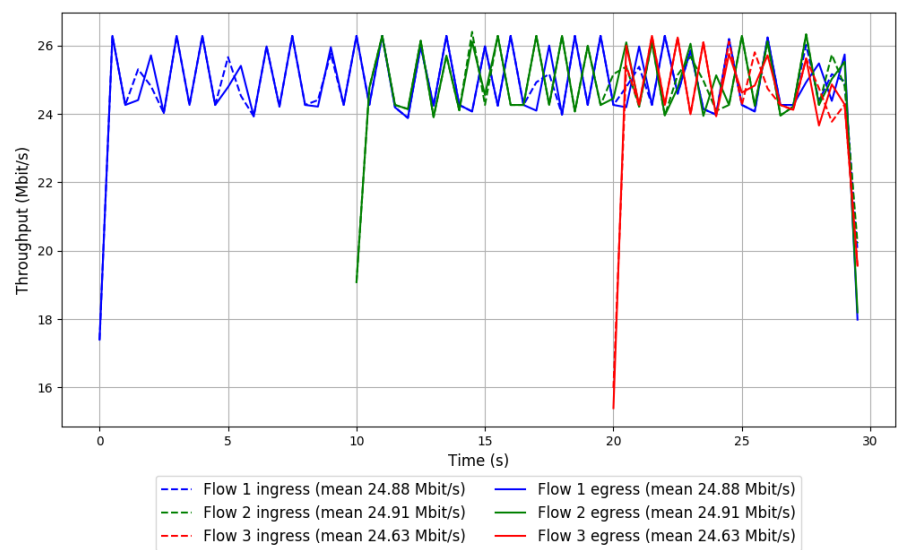


## Run 2: Statistics of Sprout

Start at: 2017-09-17 23:52:05  
End at: 2017-09-17 23:52:35  
Local clock offset: -0.69 ms  
Remote clock offset: -2.744 ms

```
# Below is generated by plot.py at 2017-09-18 09:19:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.50 Mbit/s
95th percentile per-packet one-way delay: 1.358 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 1.371 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

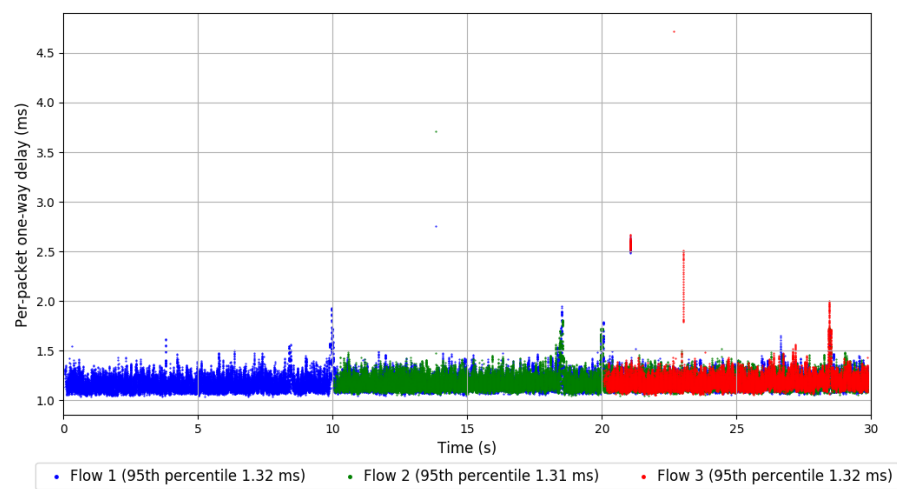
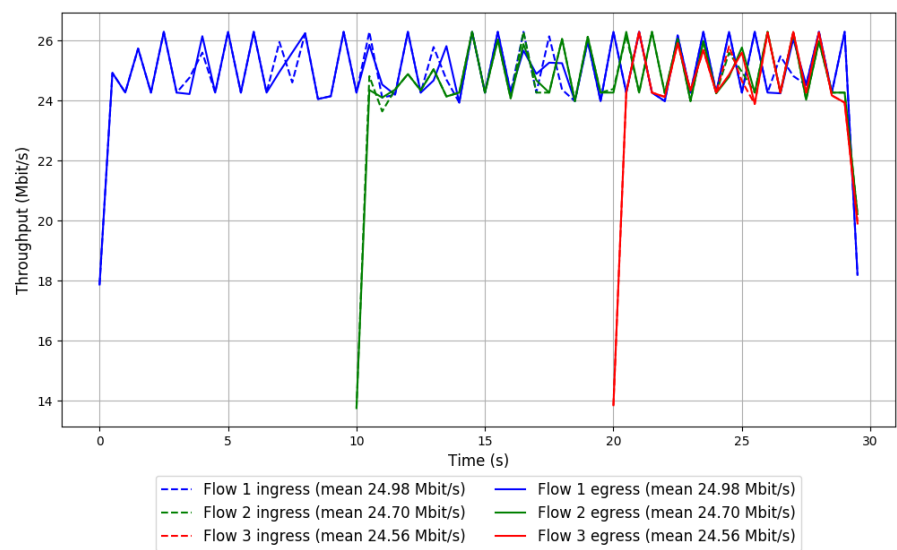


### Run 3: Statistics of Sprout

Start at: 2017-09-18 00:14:41  
End at: 2017-09-18 00:15:11  
Local clock offset: -1.269 ms  
Remote clock offset: -2.341 ms

```
# Below is generated by plot.py at 2017-09-18 09:19:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.47 Mbit/s
95th percentile per-packet one-way delay: 1.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.98 Mbit/s
95th percentile per-packet one-way delay: 1.316 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 1.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.02%
```

Run 3: Report of Sprout — Data Link

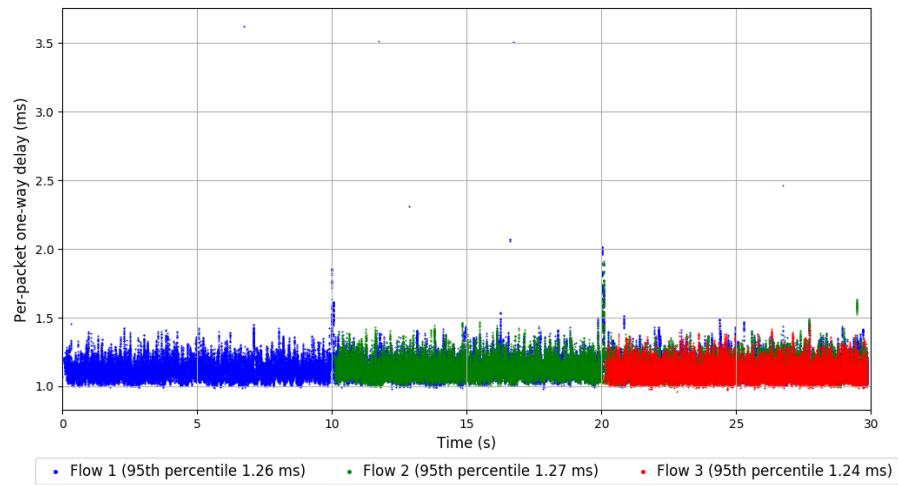
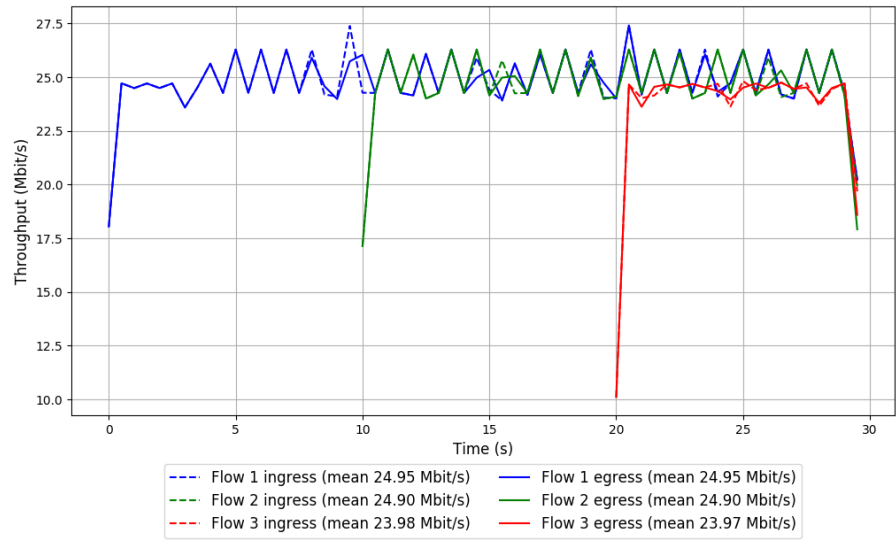


#### Run 4: Statistics of Sprout

Start at: 2017-09-18 00:37:00  
End at: 2017-09-18 00:37:30  
Local clock offset: -2.159 ms  
Remote clock offset: -2.228 ms

```
# Below is generated by plot.py at 2017-09-18 09:19:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.23%
```

#### Run 4: Report of Sprout — Data Link



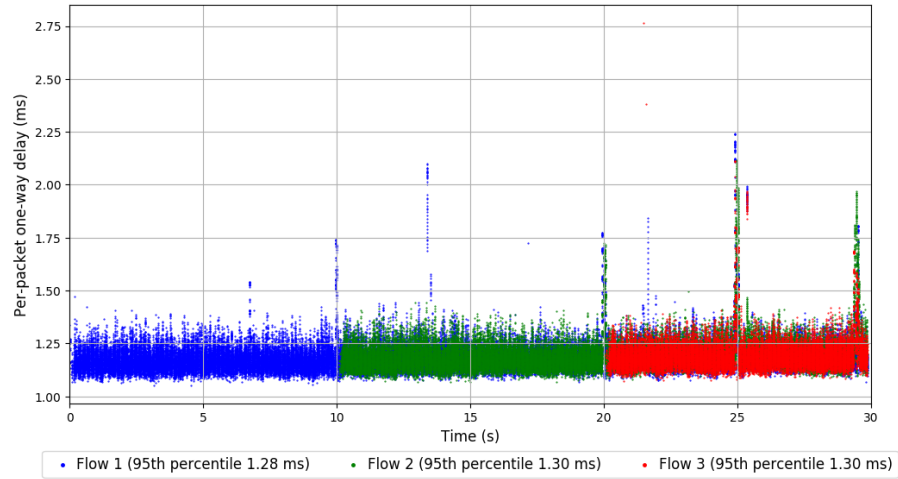
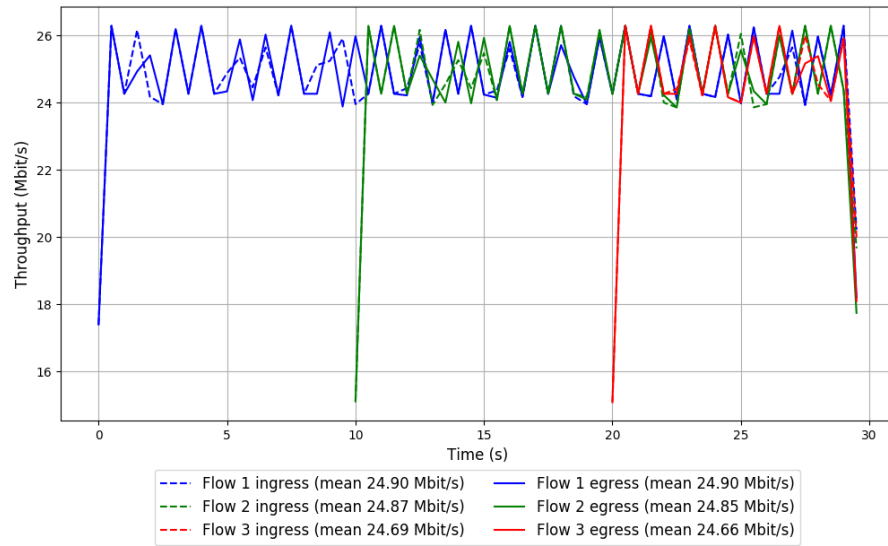
Run 5: Statistics of Sprout

Start at: 2017-09-18 00:59:15  
End at: 2017-09-18 00:59:45  
Local clock offset: -2.915 ms  
Remote clock offset: -2.342 ms

```
# Below is generated by plot.py at 2017-09-18 09:19:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.49 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.39%
```



## Run 5: Report of Sprout — Data Link

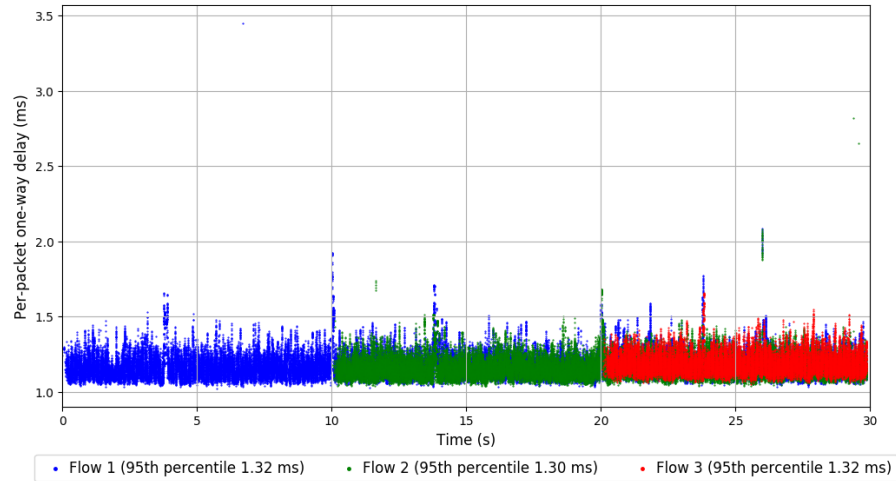
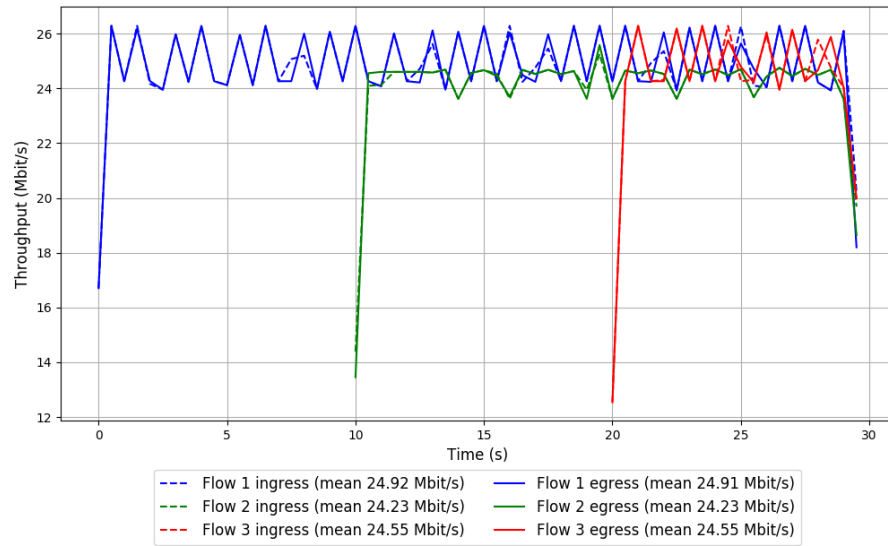


Run 6: Statistics of Sprout

Start at: 2017-09-18 01:22:01  
End at: 2017-09-18 01:22:31  
Local clock offset: -3.462 ms  
Remote clock offset: -2.161 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 49.07 Mbit/s  
95th percentile per-packet one-way delay: 1.312 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 24.91 Mbit/s  
95th percentile per-packet one-way delay: 1.316 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 24.23 Mbit/s  
95th percentile per-packet one-way delay: 1.297 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 24.55 Mbit/s  
95th percentile per-packet one-way delay: 1.324 ms  
Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link

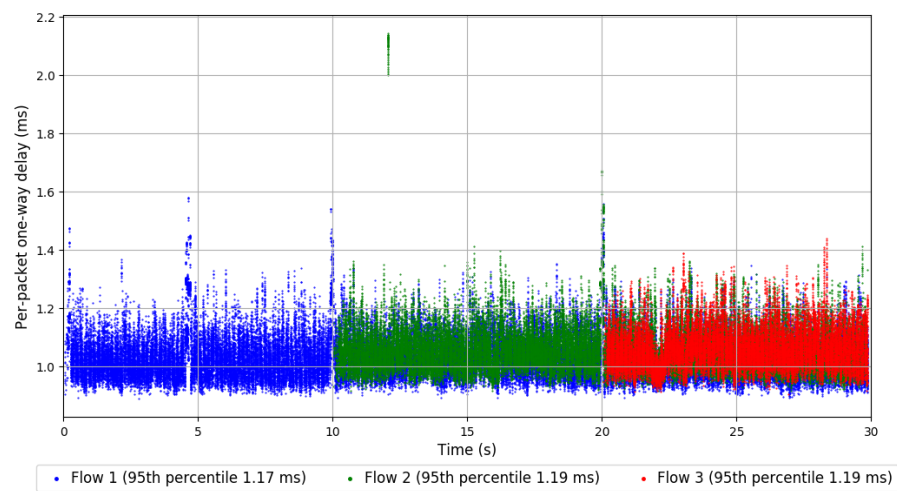
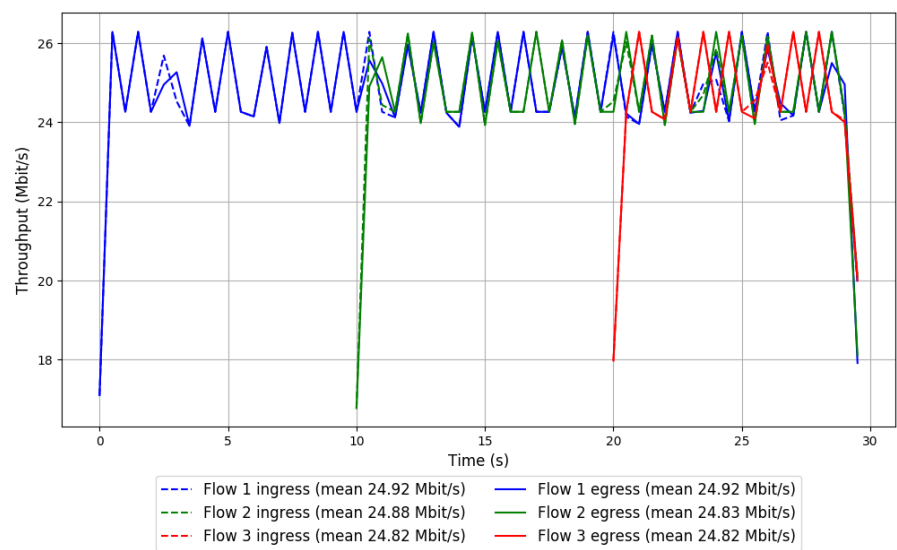


Run 7: Statistics of Sprout

Start at: 2017-09-18 01:44:45  
End at: 2017-09-18 01:45:15  
Local clock offset: -4.121 ms  
Remote clock offset: -2.008 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 49.58 Mbit/s  
95th percentile per-packet one-way delay: 1.178 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 24.92 Mbit/s  
95th percentile per-packet one-way delay: 1.166 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 24.83 Mbit/s  
95th percentile per-packet one-way delay: 1.187 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 24.82 Mbit/s  
95th percentile per-packet one-way delay: 1.190 ms  
Loss rate: 0.03%

Run 7: Report of Sprout — Data Link

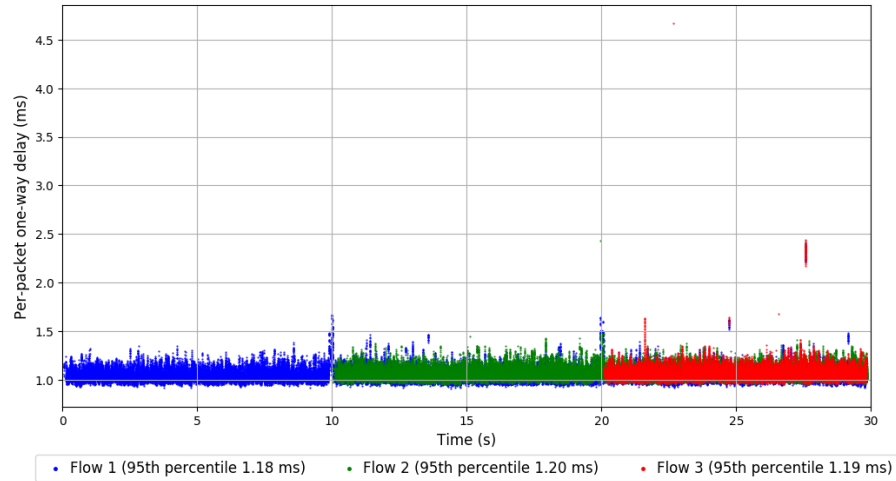
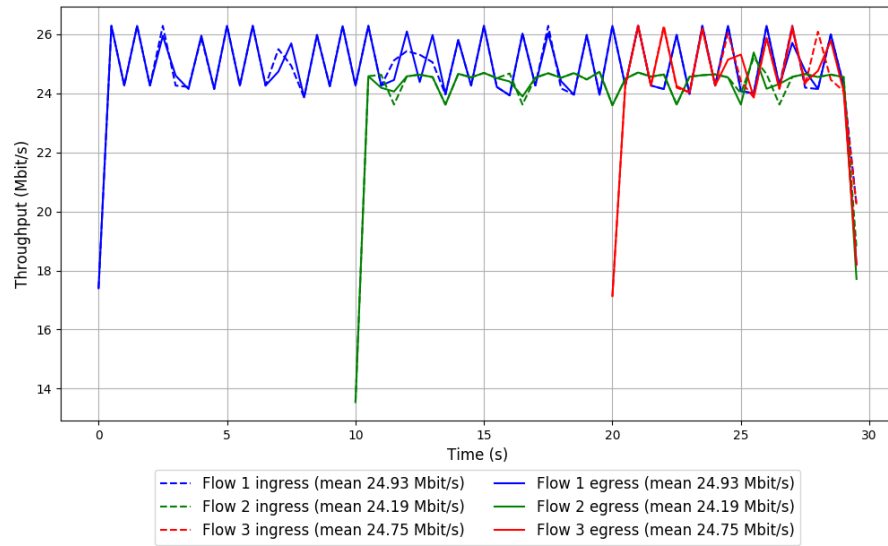


Run 8: Statistics of Sprout

Start at: 2017-09-18 02:07:07  
End at: 2017-09-18 02:07:37  
Local clock offset: -3.997 ms  
Remote clock offset: -2.02 ms

```
# Below is generated by plot.py at 2017-09-18 09:19:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 1.187 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.42%
```

## Run 8: Report of Sprout — Data Link



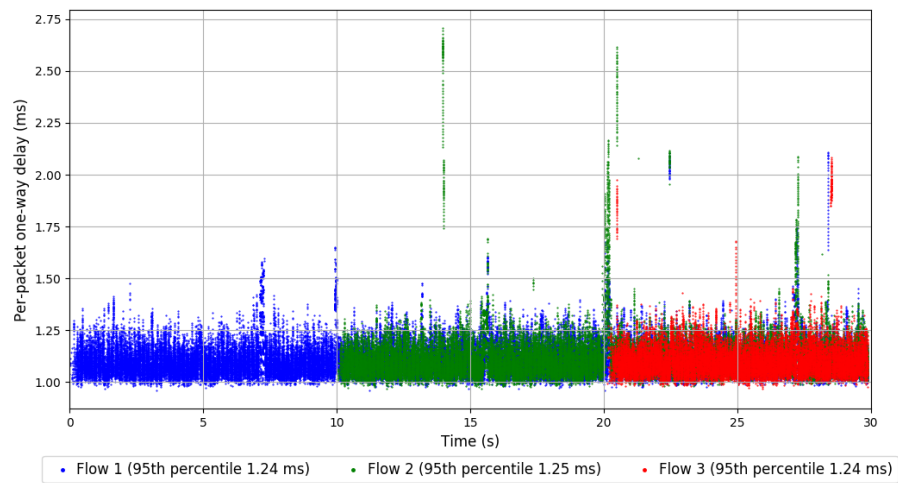
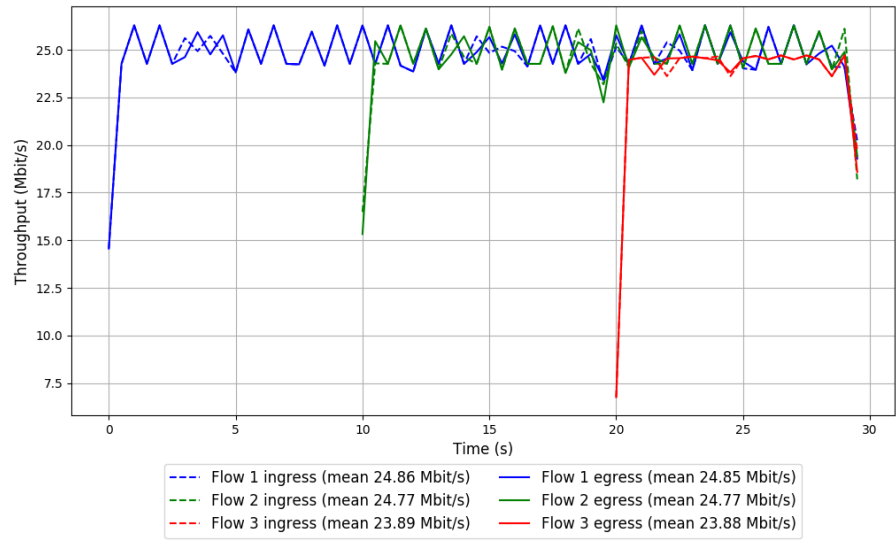
Run 9: Statistics of Sprout

Start at: 2017-09-18 02:29:43  
End at: 2017-09-18 02:30:13  
Local clock offset: -3.632 ms  
Remote clock offset: -1.965 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 49.10 Mbit/s  
95th percentile per-packet one-way delay: 1.243 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 24.85 Mbit/s  
95th percentile per-packet one-way delay: 1.239 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 24.77 Mbit/s  
95th percentile per-packet one-way delay: 1.252 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 23.88 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.23%



## Run 9: Report of Sprout — Data Link

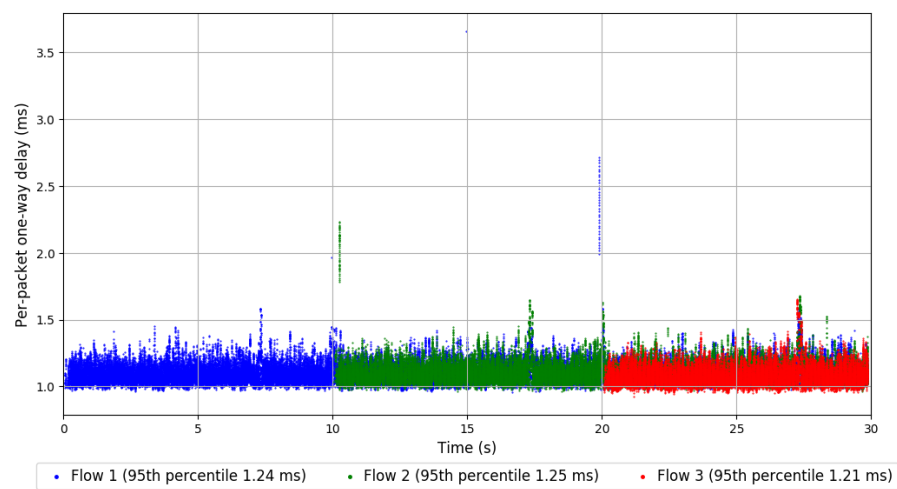
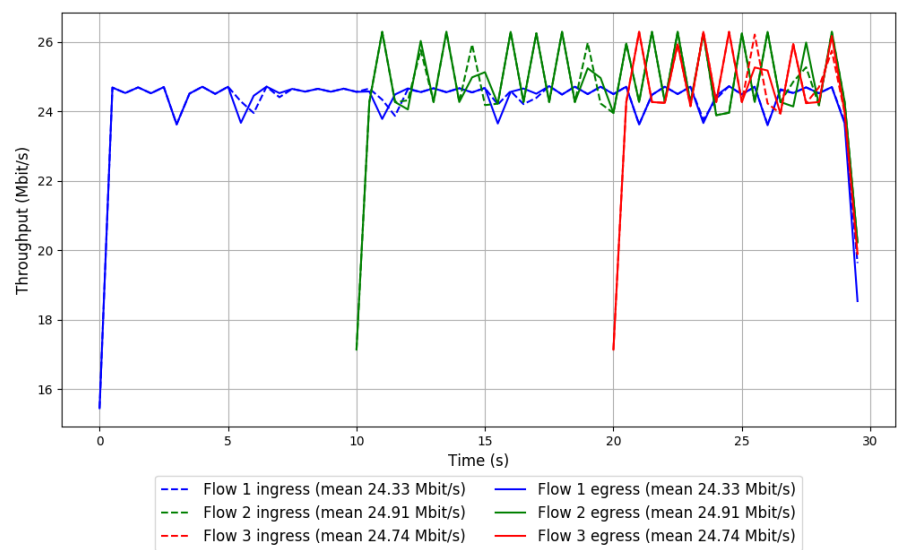


Run 10: Statistics of Sprout

Start at: 2017-09-18 02:52:13  
End at: 2017-09-18 02:52:43  
Local clock offset: -3.539 ms  
Remote clock offset: -1.609 ms

# Below is generated by plot.py at 2017-09-18 09:19:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 49.00 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 24.33 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 24.91 Mbit/s  
95th percentile per-packet one-way delay: 1.246 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 24.74 Mbit/s  
95th percentile per-packet one-way delay: 1.211 ms  
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

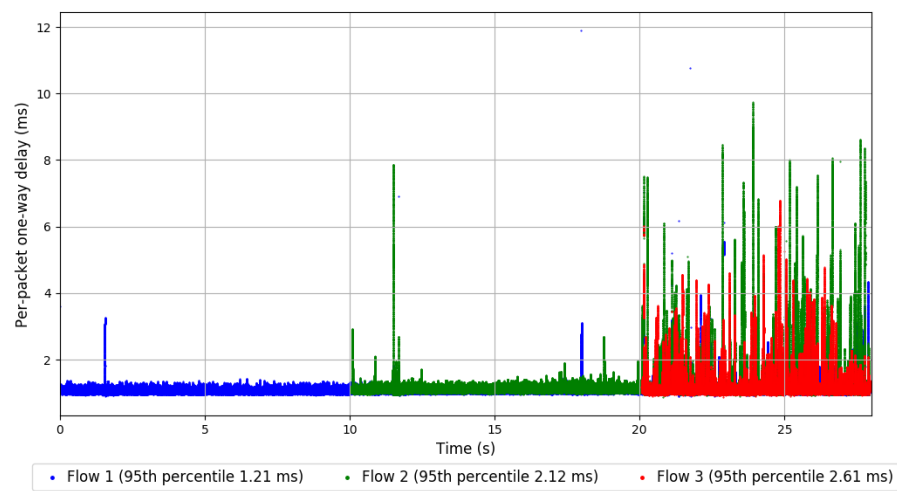
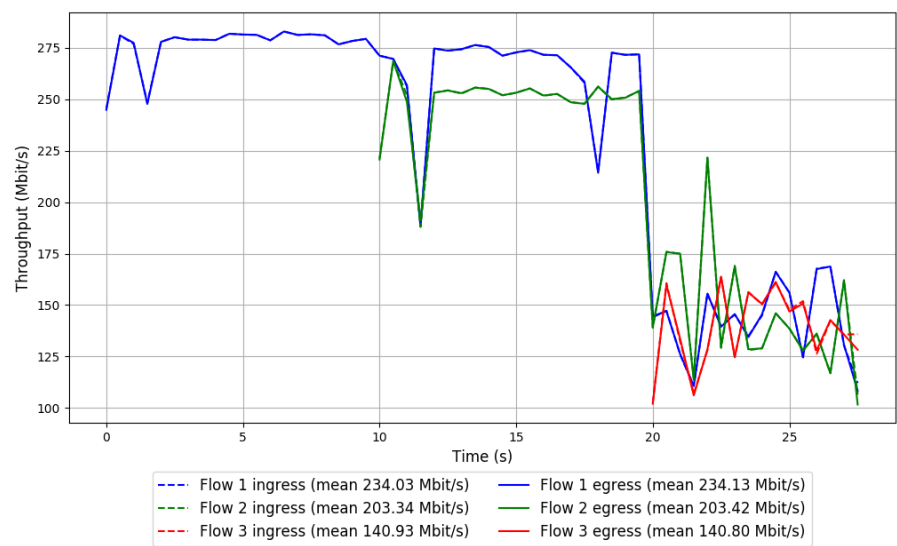


Run 1: Statistics of TaoVA-100x

Start at: 2017-09-17 23:43:16  
End at: 2017-09-17 23:43:46  
Local clock offset: -0.522 ms  
Remote clock offset: -2.964 ms

# Below is generated by plot.py at 2017-09-18 09:24:48  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 404.24 Mbit/s  
95th percentile per-packet one-way delay: 1.586 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 234.13 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 203.42 Mbit/s  
95th percentile per-packet one-way delay: 2.124 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 140.80 Mbit/s  
95th percentile per-packet one-way delay: 2.614 ms  
Loss rate: 0.34%

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

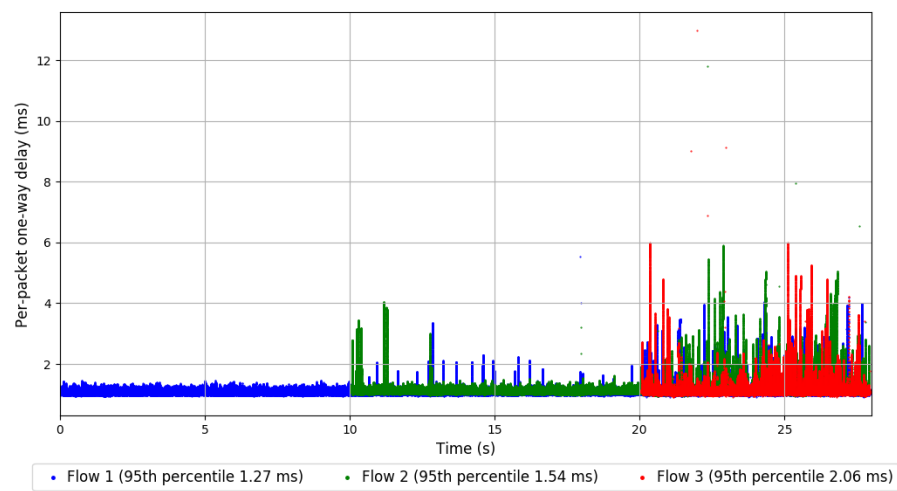
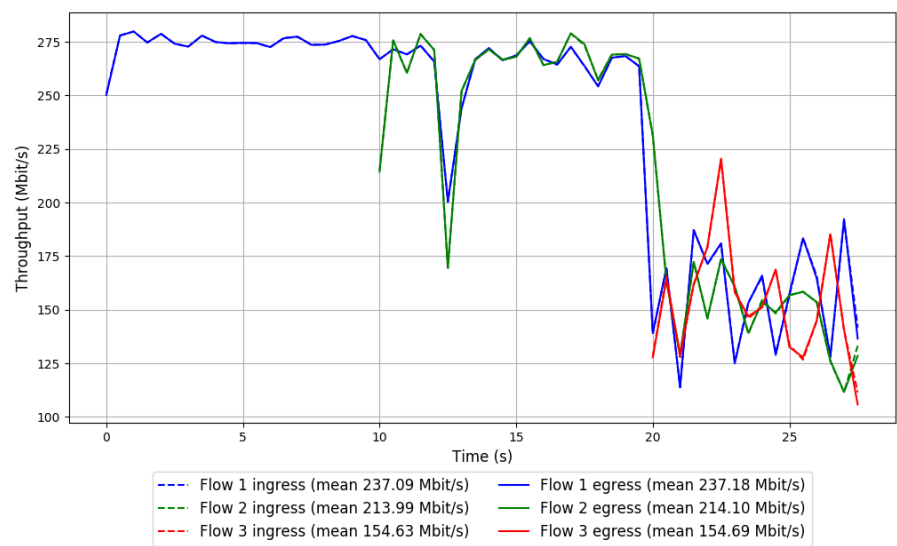


Run 2: Statistics of TaoVA-100x

Start at: 2017-09-18 00:05:53  
End at: 2017-09-18 00:06:23  
Local clock offset: -1.167 ms  
Remote clock offset: -2.511 ms

# Below is generated by plot.py at 2017-09-18 09:25:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 418.26 Mbit/s  
95th percentile per-packet one-way delay: 1.453 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 237.18 Mbit/s  
95th percentile per-packet one-way delay: 1.266 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 214.10 Mbit/s  
95th percentile per-packet one-way delay: 1.542 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 154.69 Mbit/s  
95th percentile per-packet one-way delay: 2.063 ms  
Loss rate: 0.23%

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



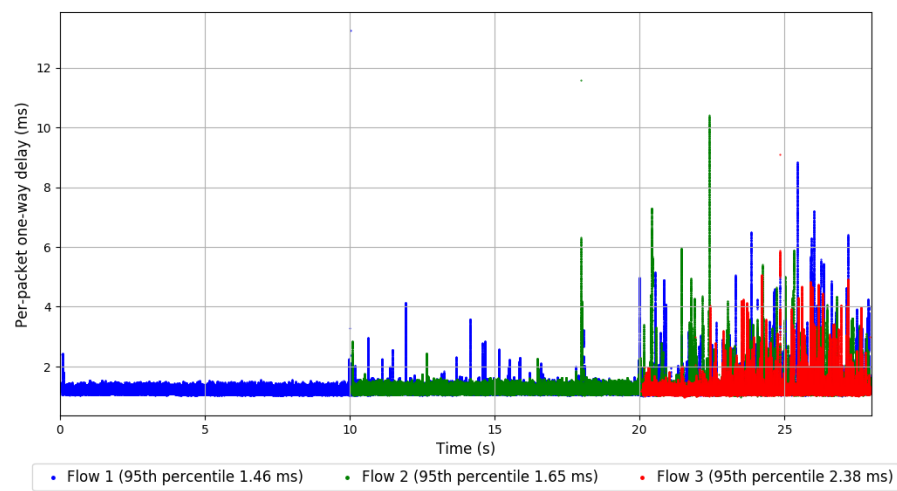
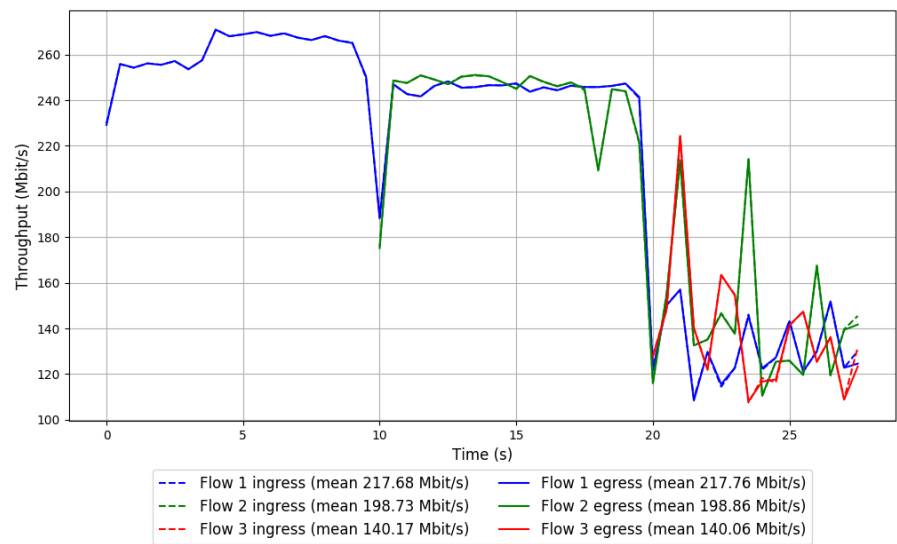
Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 00:28:23  
End at: 2017-09-18 00:28:53  
Local clock offset: -1.723 ms  
Remote clock offset: -2.129 ms

# Below is generated by plot.py at 2017-09-18 09:25:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 384.69 Mbit/s  
95th percentile per-packet one-way delay: 1.626 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 217.76 Mbit/s  
95th percentile per-packet one-way delay: 1.461 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 198.86 Mbit/s  
95th percentile per-packet one-way delay: 1.651 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 140.06 Mbit/s  
95th percentile per-packet one-way delay: 2.380 ms  
Loss rate: 0.40%



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

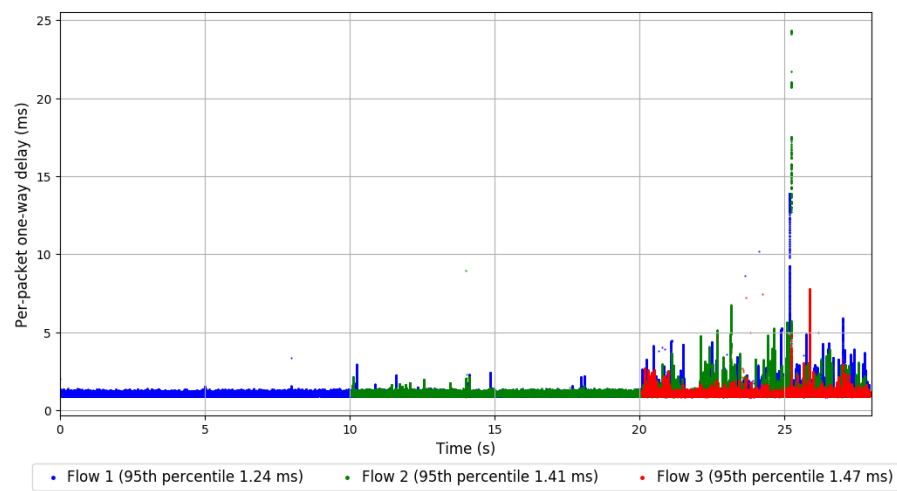
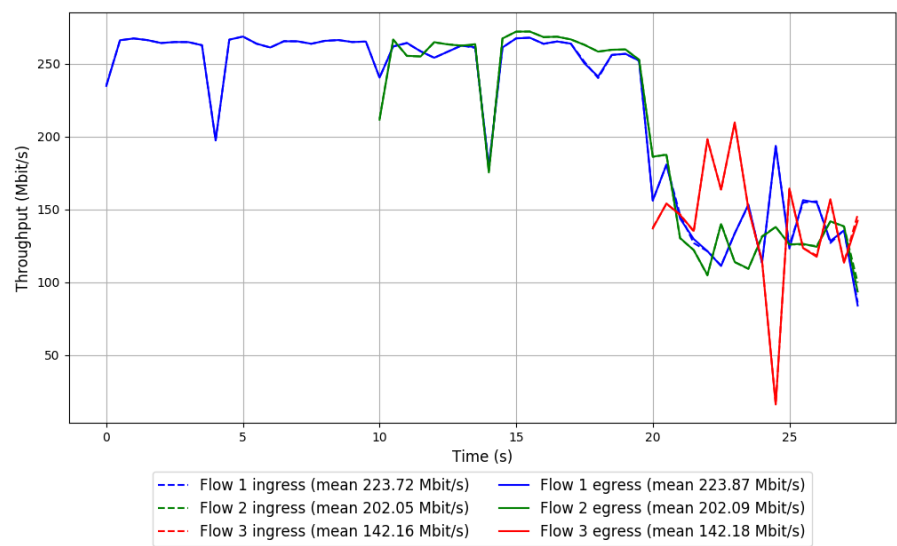


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 00:50:39  
End at: 2017-09-18 00:51:09  
Local clock offset: -2.672 ms  
Remote clock offset: -2.345 ms

# Below is generated by plot.py at 2017-09-18 09:25:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 393.53 Mbit/s  
95th percentile per-packet one-way delay: 1.312 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 223.87 Mbit/s  
95th percentile per-packet one-way delay: 1.243 ms  
Loss rate: 0.02%  
-- Flow 2:  
Average throughput: 202.09 Mbit/s  
95th percentile per-packet one-way delay: 1.408 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 142.18 Mbit/s  
95th percentile per-packet one-way delay: 1.473 ms  
Loss rate: 0.20%

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

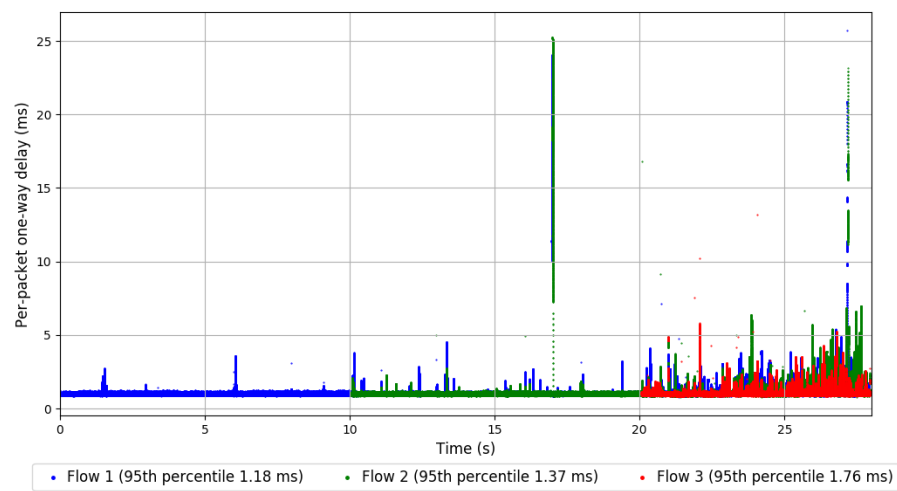
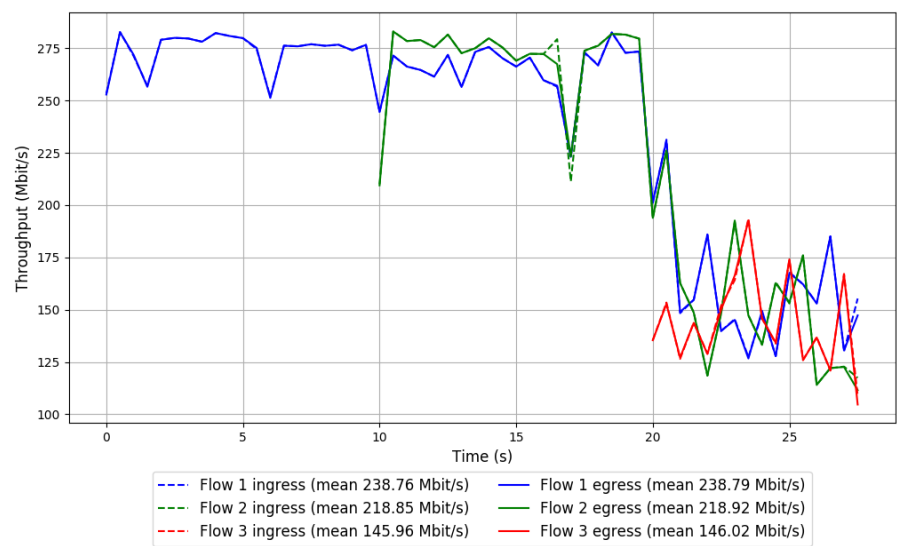


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 01:13:11  
End at: 2017-09-18 01:13:41  
Local clock offset: -3.466 ms  
Remote clock offset: -2.144 ms

# Below is generated by plot.py at 2017-09-18 09:25:48  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 420.40 Mbit/s  
95th percentile per-packet one-way delay: 1.321 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 238.79 Mbit/s  
95th percentile per-packet one-way delay: 1.177 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 218.92 Mbit/s  
95th percentile per-packet one-way delay: 1.374 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 146.02 Mbit/s  
95th percentile per-packet one-way delay: 1.757 ms  
Loss rate: 0.20%

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

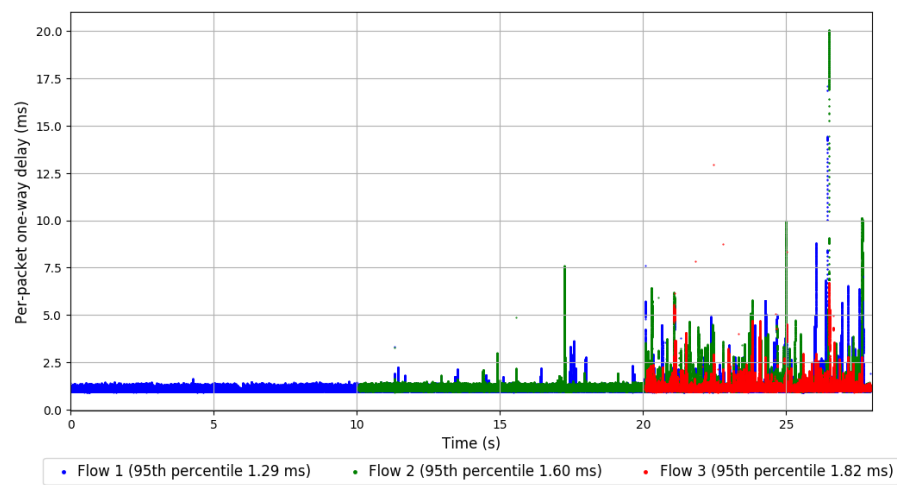
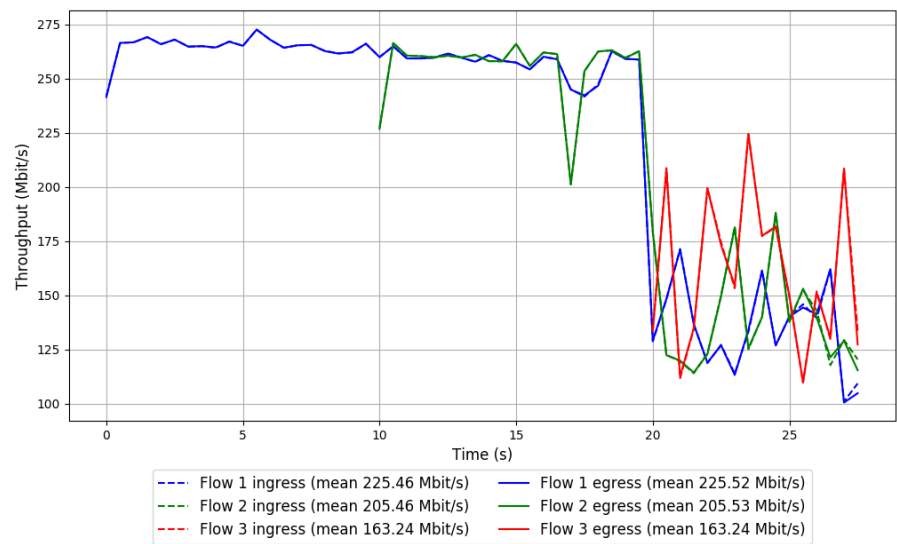


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 01:35:55  
End at: 2017-09-18 01:36:25  
Local clock offset: -3.851 ms  
Remote clock offset: -2.139 ms

# Below is generated by plot.py at 2017-09-18 09:25:48  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 403.38 Mbit/s  
95th percentile per-packet one-way delay: 1.425 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 225.52 Mbit/s  
95th percentile per-packet one-way delay: 1.287 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 205.53 Mbit/s  
95th percentile per-packet one-way delay: 1.600 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 163.24 Mbit/s  
95th percentile per-packet one-way delay: 1.819 ms  
Loss rate: 0.25%

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



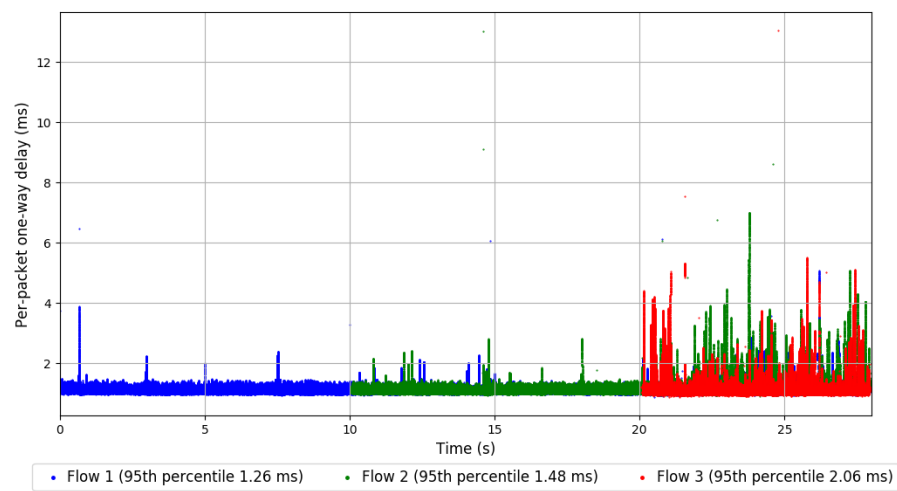
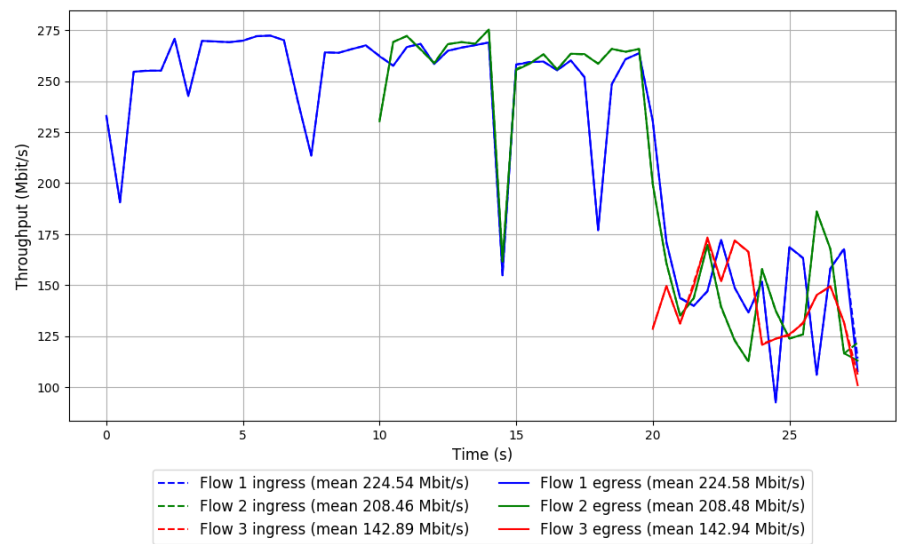
Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 01:58:23  
End at: 2017-09-18 01:58:53  
Local clock offset: -3.908 ms  
Remote clock offset: -1.925 ms

# Below is generated by plot.py at 2017-09-18 09:29:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 398.54 Mbit/s  
95th percentile per-packet one-way delay: 1.373 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 224.58 Mbit/s  
95th percentile per-packet one-way delay: 1.260 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 208.48 Mbit/s  
95th percentile per-packet one-way delay: 1.478 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 142.94 Mbit/s  
95th percentile per-packet one-way delay: 2.065 ms  
Loss rate: 0.24%



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

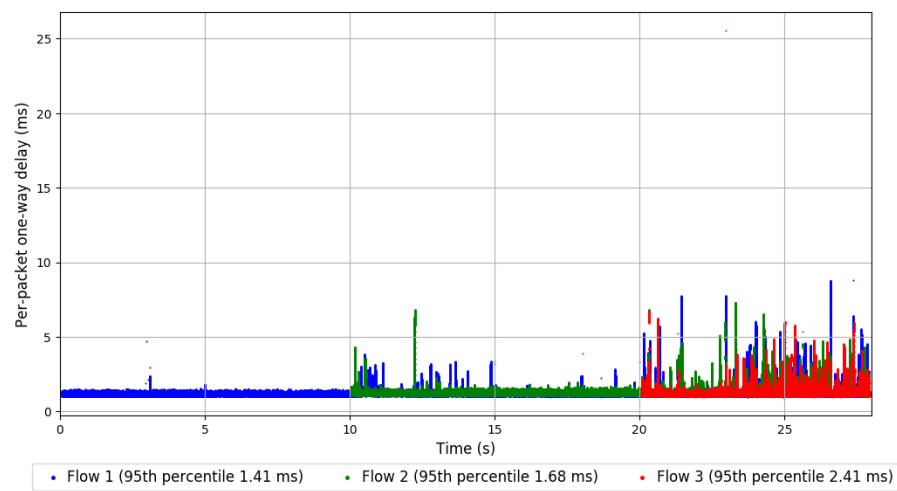
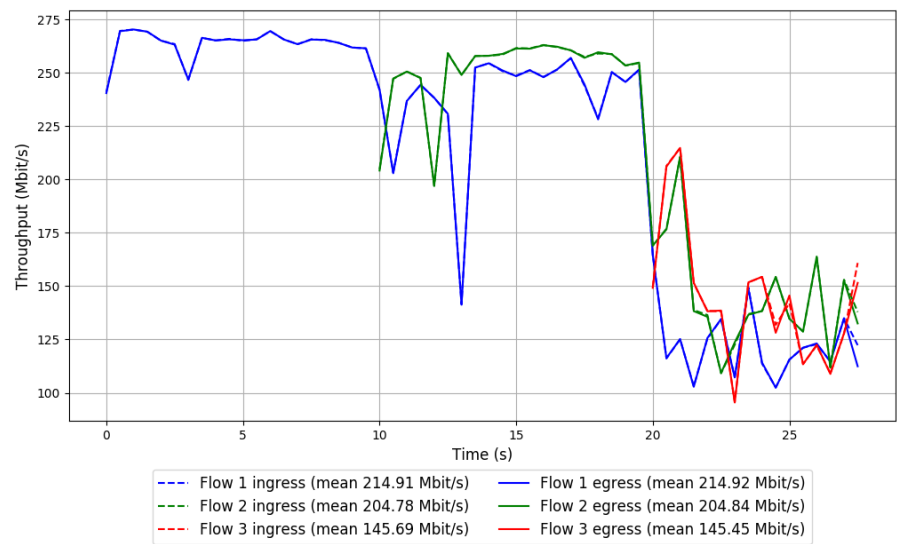


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 02:20:55  
End at: 2017-09-18 02:21:25  
Local clock offset: -3.743 ms  
Remote clock offset: -2.038 ms

# Below is generated by plot.py at 2017-09-18 09:29:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 387.37 Mbit/s  
95th percentile per-packet one-way delay: 1.626 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 214.92 Mbit/s  
95th percentile per-packet one-way delay: 1.406 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 204.84 Mbit/s  
95th percentile per-packet one-way delay: 1.681 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 145.45 Mbit/s  
95th percentile per-packet one-way delay: 2.408 ms  
Loss rate: 0.41%

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

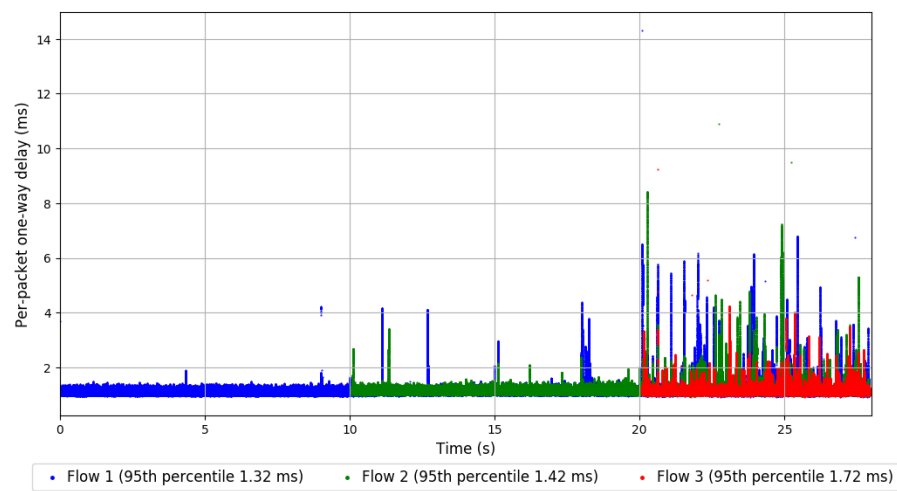
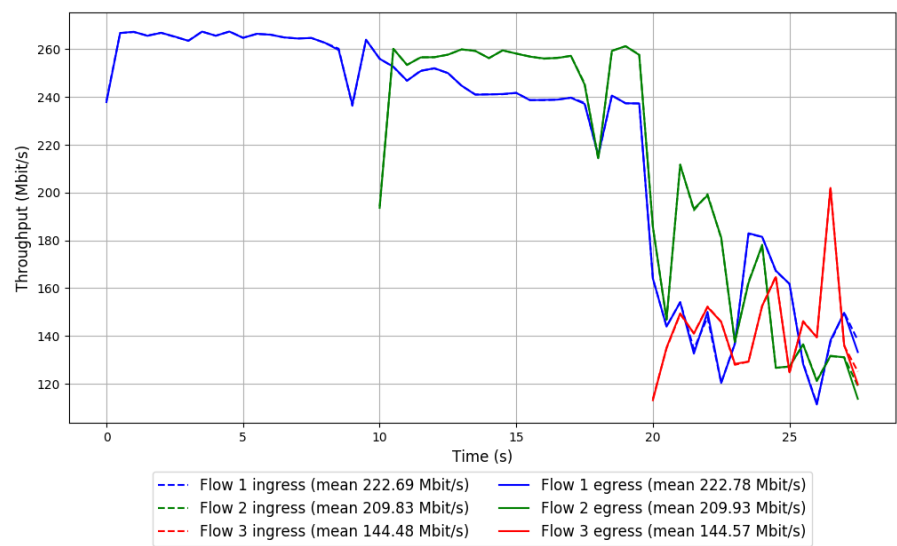


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 02:43:26  
End at: 2017-09-18 02:43:56  
Local clock offset: -3.547 ms  
Remote clock offset: -1.739 ms

# Below is generated by plot.py at 2017-09-18 09:34:42  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 398.17 Mbit/s  
95th percentile per-packet one-way delay: 1.401 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 222.78 Mbit/s  
95th percentile per-packet one-way delay: 1.320 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 209.93 Mbit/s  
95th percentile per-packet one-way delay: 1.424 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 144.57 Mbit/s  
95th percentile per-packet one-way delay: 1.722 ms  
Loss rate: 0.23%

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

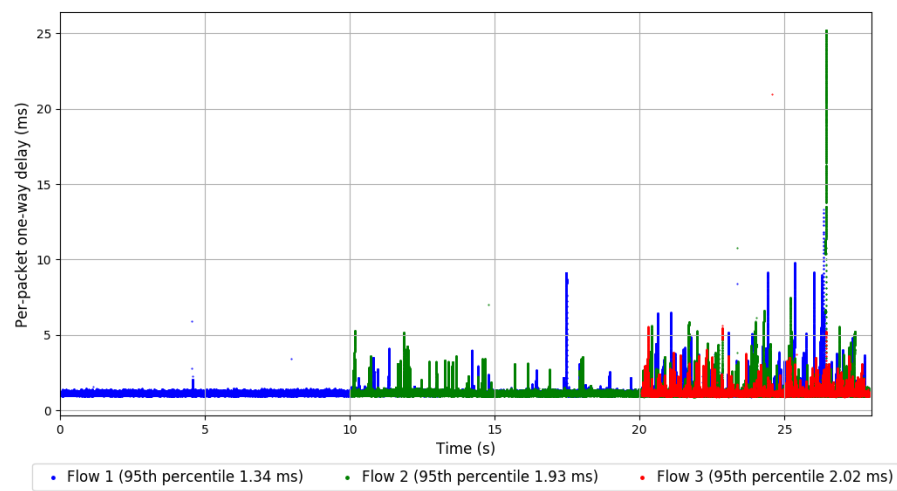
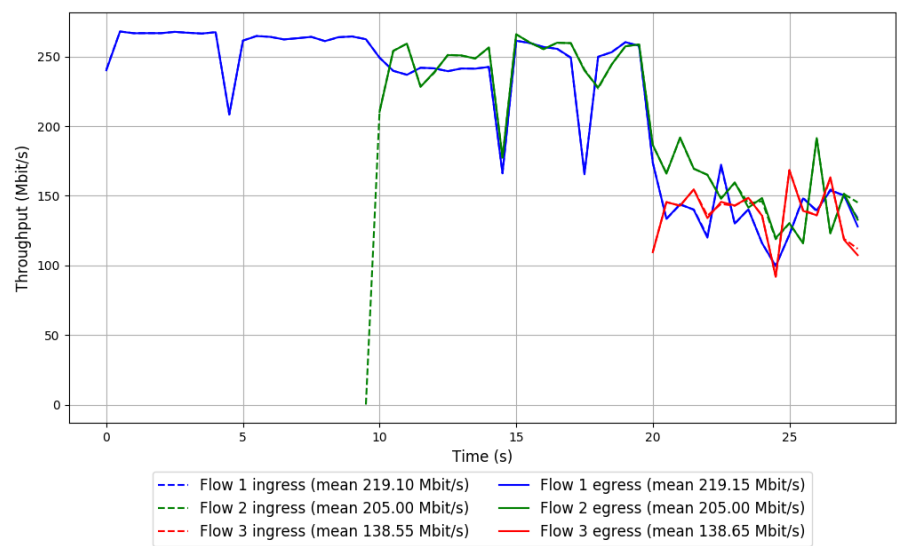


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 03:05:58  
End at: 2017-09-18 03:06:28  
Local clock offset: -3.571 ms  
Remote clock offset: -1.758 ms

# Below is generated by plot.py at 2017-09-18 09:34:42  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 389.77 Mbit/s  
95th percentile per-packet one-way delay: 1.627 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 219.15 Mbit/s  
95th percentile per-packet one-way delay: 1.342 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 205.00 Mbit/s  
95th percentile per-packet one-way delay: 1.928 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 138.65 Mbit/s  
95th percentile per-packet one-way delay: 2.024 ms  
Loss rate: 0.24%

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



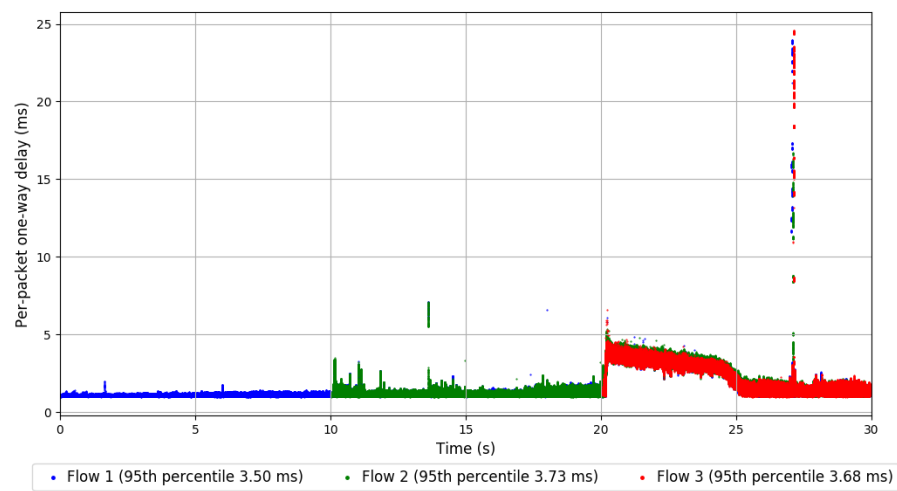
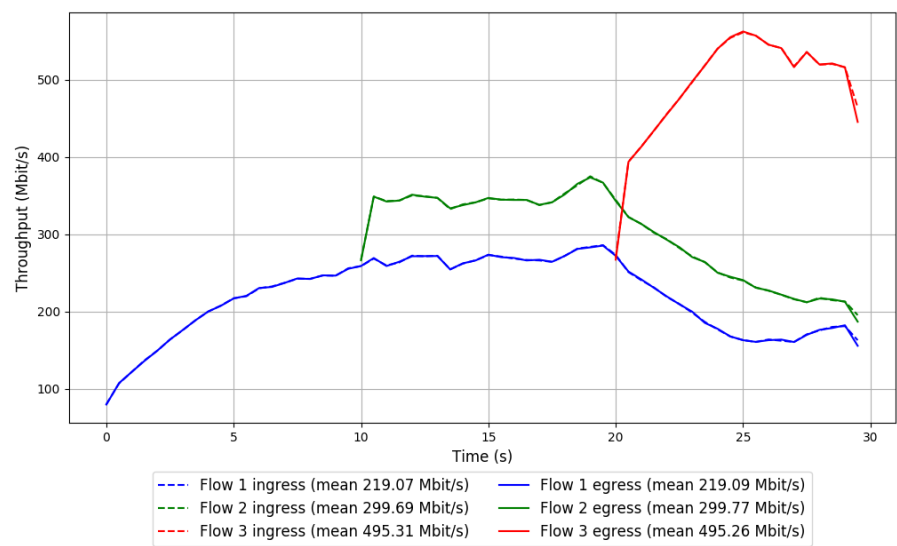
Run 1: Statistics of TCP Vegas

Start at: 2017-09-17 23:38:31  
End at: 2017-09-17 23:39:01  
Local clock offset: -0.434 ms  
Remote clock offset: -3.139 ms

# Below is generated by plot.py at 2017-09-18 09:34:42  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 582.54 Mbit/s  
95th percentile per-packet one-way delay: 3.642 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 219.09 Mbit/s  
95th percentile per-packet one-way delay: 3.500 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 299.77 Mbit/s  
95th percentile per-packet one-way delay: 3.730 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 495.26 Mbit/s  
95th percentile per-packet one-way delay: 3.680 ms  
Loss rate: 0.21%



Run 1: Report of TCP Vegas — Data Link

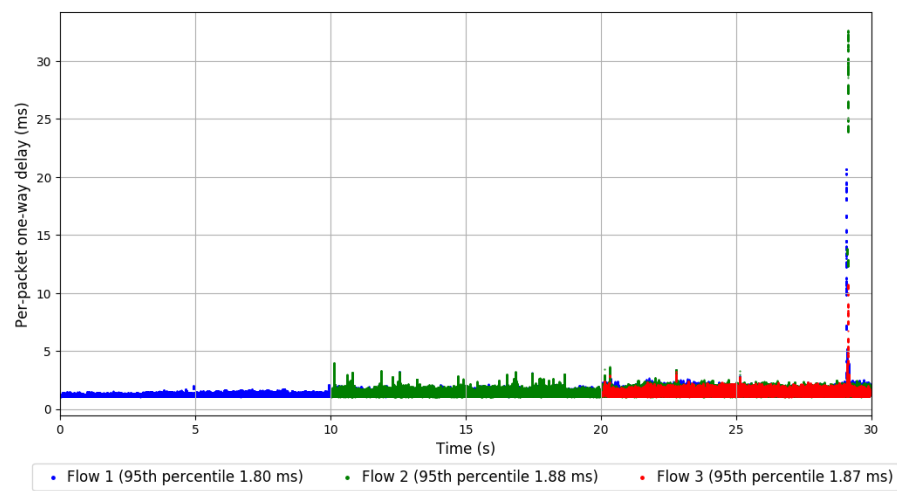
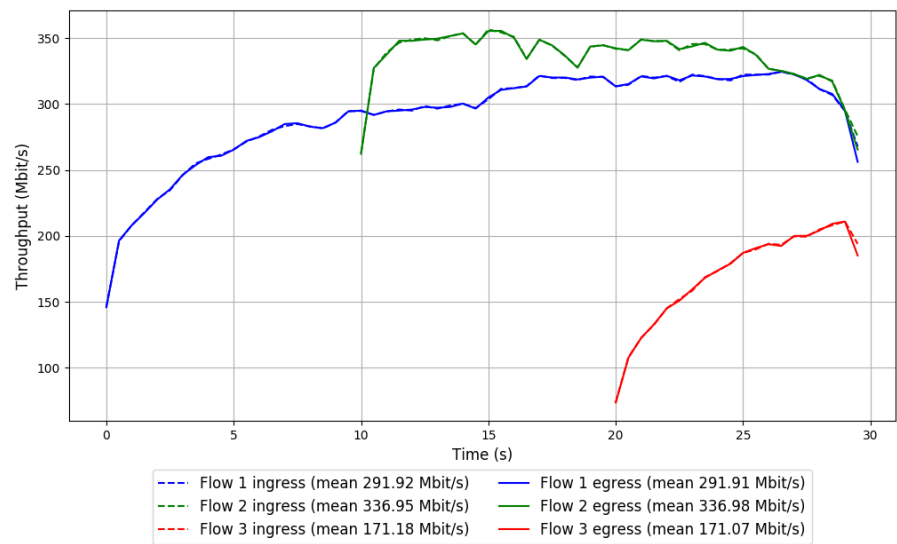


Run 2: Statistics of TCP Vegas

Start at: 2017-09-18 00:01:10  
End at: 2017-09-18 00:01:40  
Local clock offset: -0.937 ms  
Remote clock offset: -2.558 ms

# Below is generated by plot.py at 2017-09-18 09:34:42  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 572.81 Mbit/s  
95th percentile per-packet one-way delay: 1.845 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 291.91 Mbit/s  
95th percentile per-packet one-way delay: 1.802 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 336.98 Mbit/s  
95th percentile per-packet one-way delay: 1.879 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 171.07 Mbit/s  
95th percentile per-packet one-way delay: 1.869 ms  
Loss rate: 0.26%

Run 2: Report of TCP Vegas — Data Link

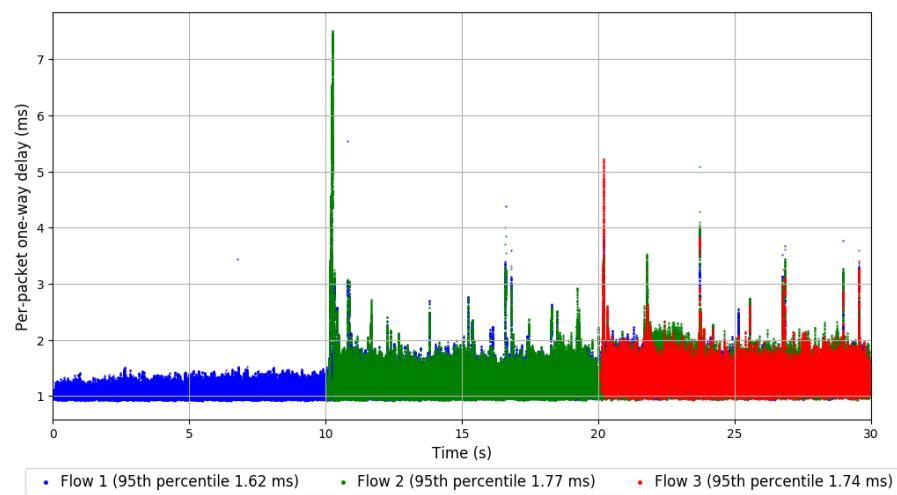
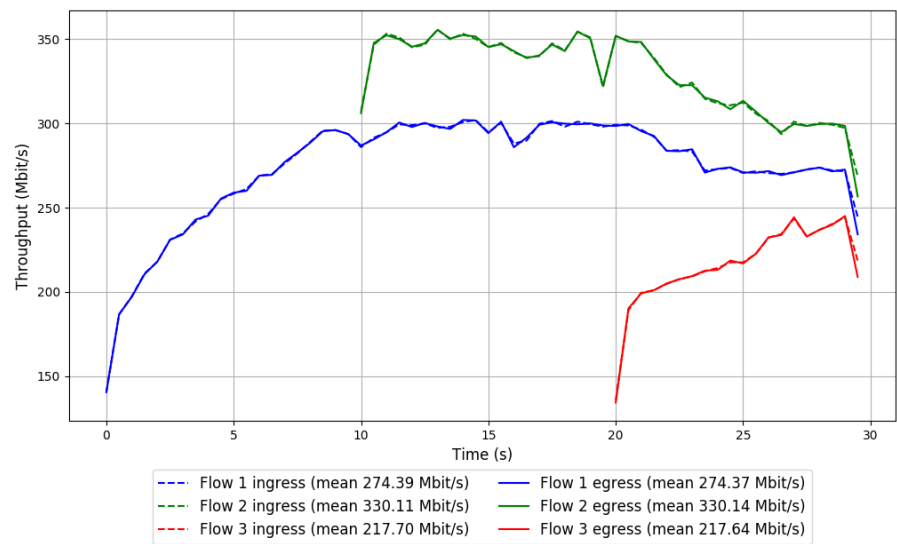


Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 00:23:39  
End at: 2017-09-18 00:24:09  
Local clock offset: -1.638 ms  
Remote clock offset: -2.113 ms

# Below is generated by plot.py at 2017-09-18 09:34:42  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 566.04 Mbit/s  
95th percentile per-packet one-way delay: 1.698 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 274.37 Mbit/s  
95th percentile per-packet one-way delay: 1.624 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 330.14 Mbit/s  
95th percentile per-packet one-way delay: 1.769 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 217.64 Mbit/s  
95th percentile per-packet one-way delay: 1.737 ms  
Loss rate: 0.23%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 00:45:58

End at: 2017-09-18 00:46:28

Local clock offset: -2.492 ms

Remote clock offset: -2.35 ms

# Below is generated by plot.py at 2017-09-18 09:34:42

# Datalink statistics

-- Total of 3 flows:

Average throughput: 501.28 Mbit/s

95th percentile per-packet one-way delay: 1.725 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 229.10 Mbit/s

95th percentile per-packet one-way delay: 1.631 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 239.08 Mbit/s

95th percentile per-packet one-way delay: 1.646 ms

Loss rate: 0.10%

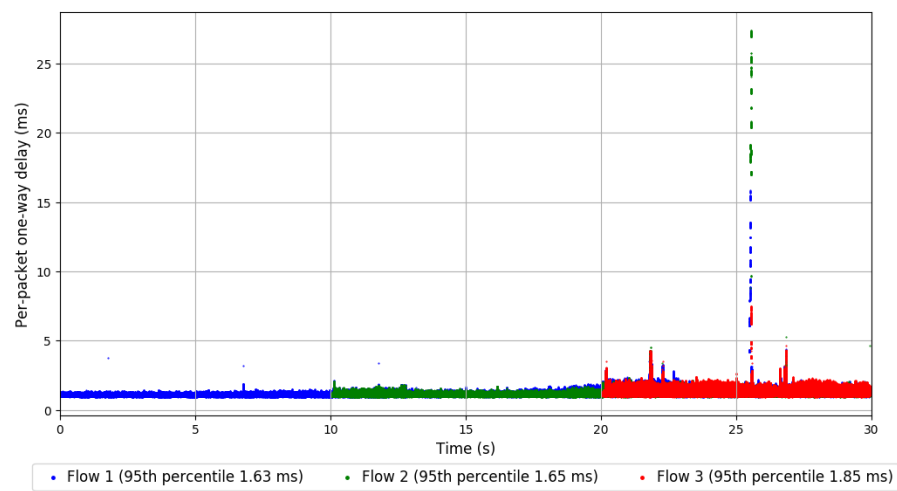
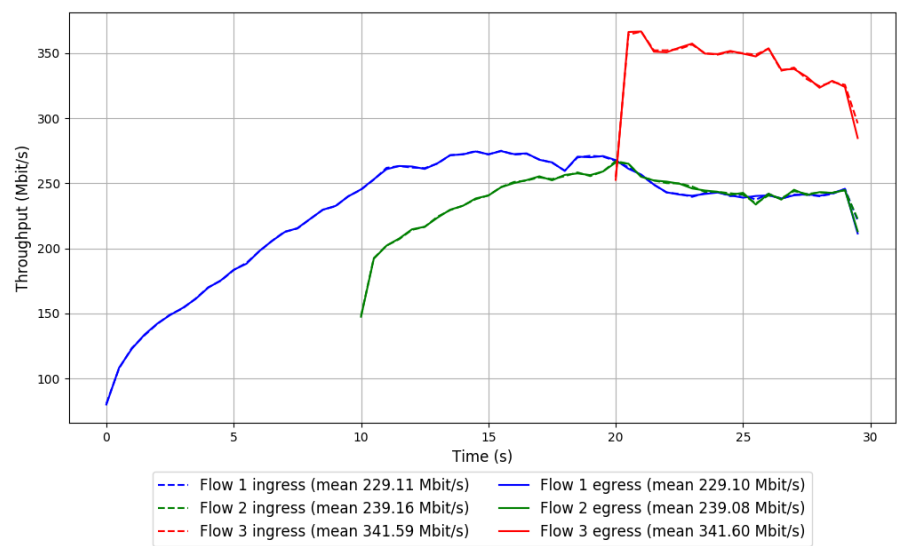
-- Flow 3:

Average throughput: 341.60 Mbit/s

95th percentile per-packet one-way delay: 1.854 ms

Loss rate: 0.20%

Run 4: Report of TCP Vegas — Data Link



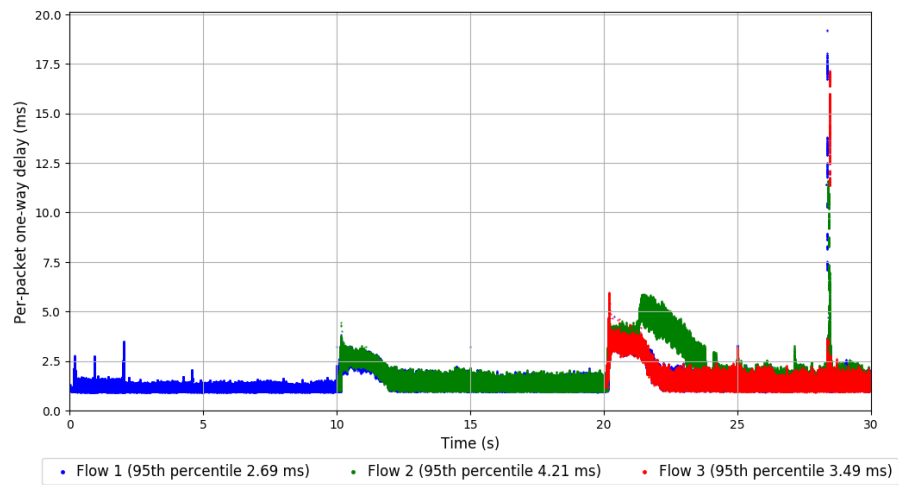
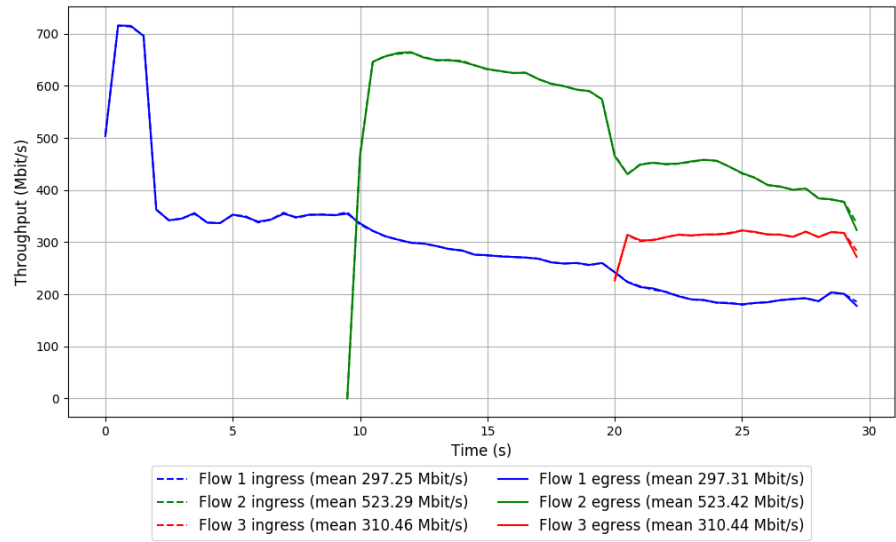
Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 01:08:18  
End at: 2017-09-18 01:08:48  
Local clock offset: -3.392 ms  
Remote clock offset: -2.215 ms

# Below is generated by plot.py at 2017-09-18 09:40:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 748.67 Mbit/s  
95th percentile per-packet one-way delay: 3.636 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 297.31 Mbit/s  
95th percentile per-packet one-way delay: 2.690 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 523.42 Mbit/s  
95th percentile per-packet one-way delay: 4.205 ms  
Loss rate: 0.07%  
-- Flow 3:  
Average throughput: 310.44 Mbit/s  
95th percentile per-packet one-way delay: 3.494 ms  
Loss rate: 0.21%



# Run 5: Report of TCP Vegas — Data Link

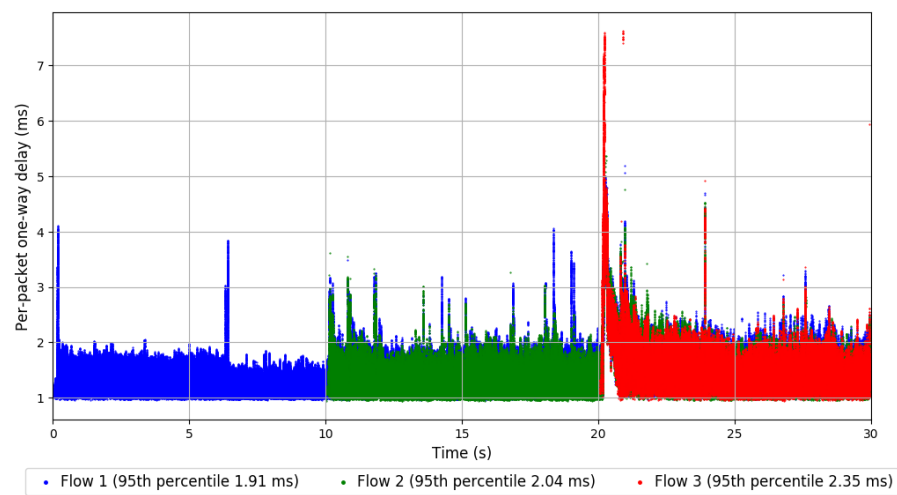
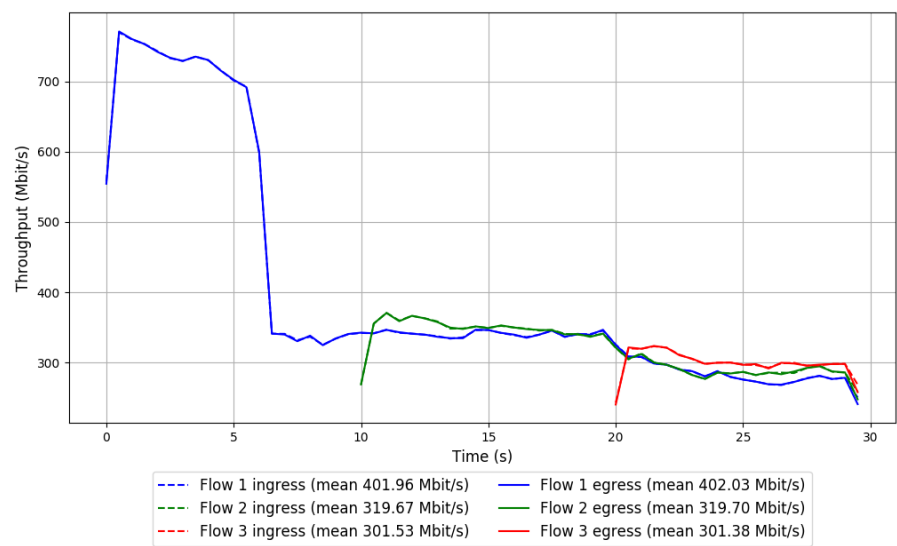


Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 01:31:04  
End at: 2017-09-18 01:31:34  
Local clock offset: -3.729 ms  
Remote clock offset: -2.137 ms

# Below is generated by plot.py at 2017-09-18 09:40:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 714.47 Mbit/s  
95th percentile per-packet one-way delay: 2.013 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 402.03 Mbit/s  
95th percentile per-packet one-way delay: 1.907 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 319.70 Mbit/s  
95th percentile per-packet one-way delay: 2.038 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 301.38 Mbit/s  
95th percentile per-packet one-way delay: 2.350 ms  
Loss rate: 0.20%

Run 6: Report of TCP Vegas — Data Link

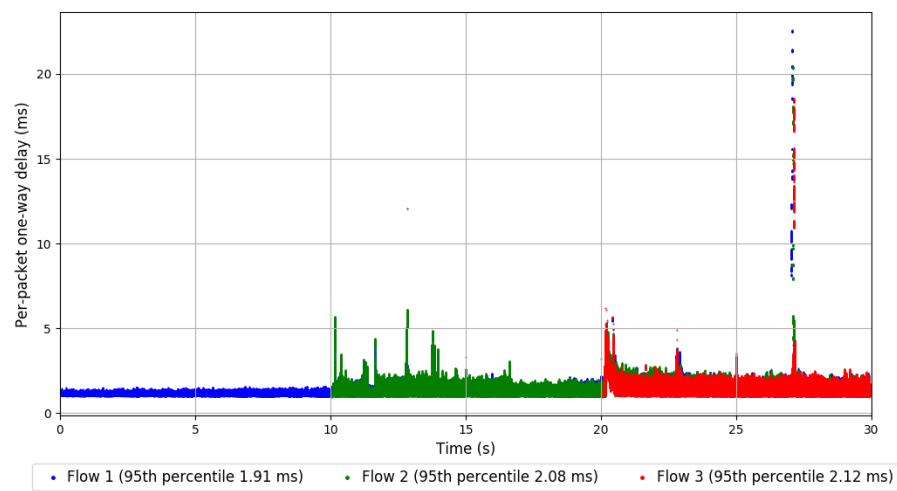
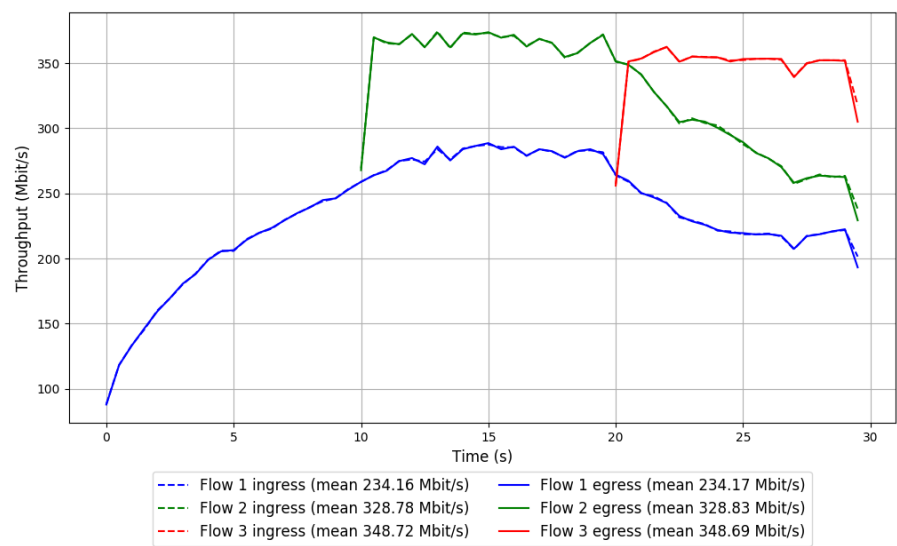


Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 01:53:42  
End at: 2017-09-18 01:54:12  
Local clock offset: -3.932 ms  
Remote clock offset: -1.969 ms

# Below is generated by plot.py at 2017-09-18 09:41:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 568.36 Mbit/s  
95th percentile per-packet one-way delay: 2.025 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 234.17 Mbit/s  
95th percentile per-packet one-way delay: 1.907 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 328.83 Mbit/s  
95th percentile per-packet one-way delay: 2.081 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 348.69 Mbit/s  
95th percentile per-packet one-way delay: 2.124 ms  
Loss rate: 0.21%

Run 7: Report of TCP Vegas — Data Link

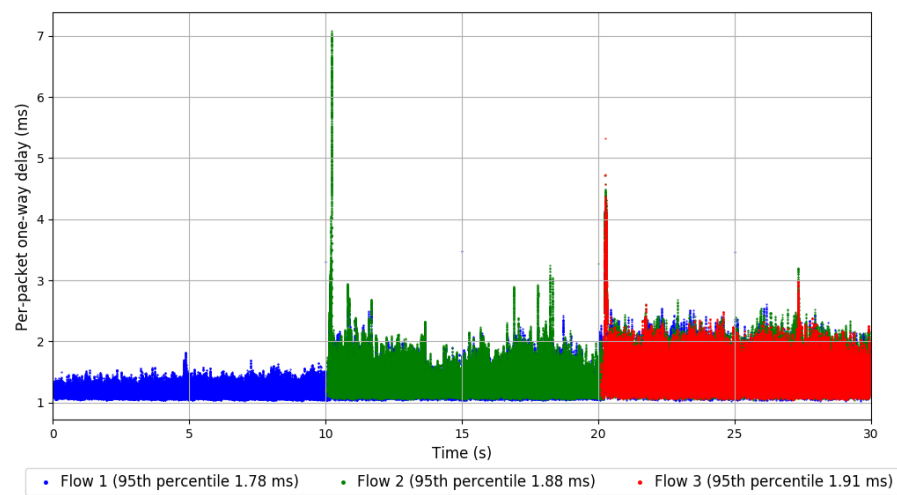
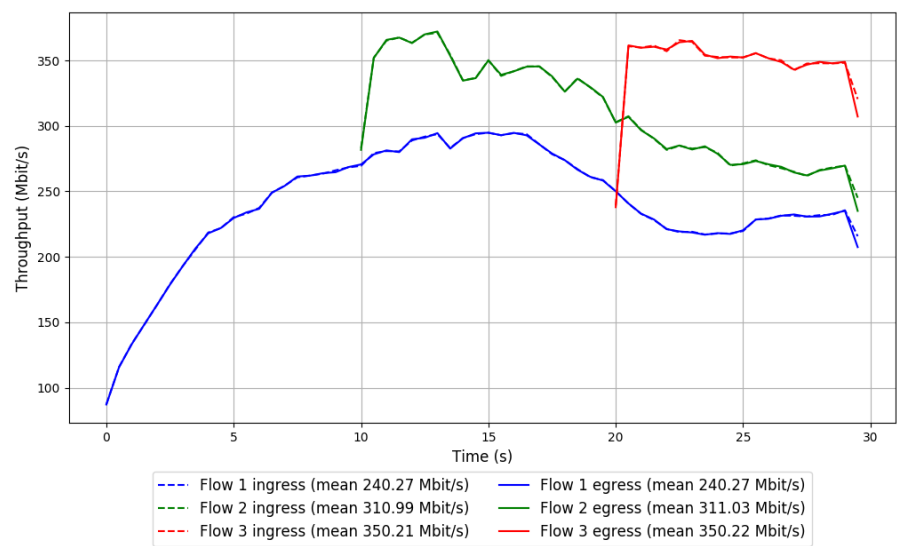


Run 8: Statistics of TCP Vegas

Start at: 2017-09-18 02:16:10  
End at: 2017-09-18 02:16:40  
Local clock offset: -3.772 ms  
Remote clock offset: -1.991 ms

# Below is generated by plot.py at 2017-09-18 09:41:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 562.82 Mbit/s  
95th percentile per-packet one-way delay: 1.851 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 240.27 Mbit/s  
95th percentile per-packet one-way delay: 1.782 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 311.03 Mbit/s  
95th percentile per-packet one-way delay: 1.878 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 350.22 Mbit/s  
95th percentile per-packet one-way delay: 1.906 ms  
Loss rate: 0.20%

Run 8: Report of TCP Vegas — Data Link



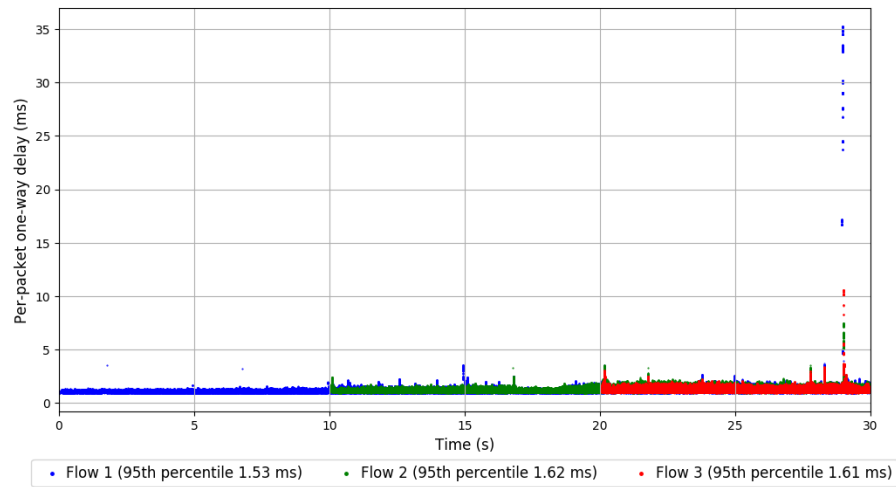
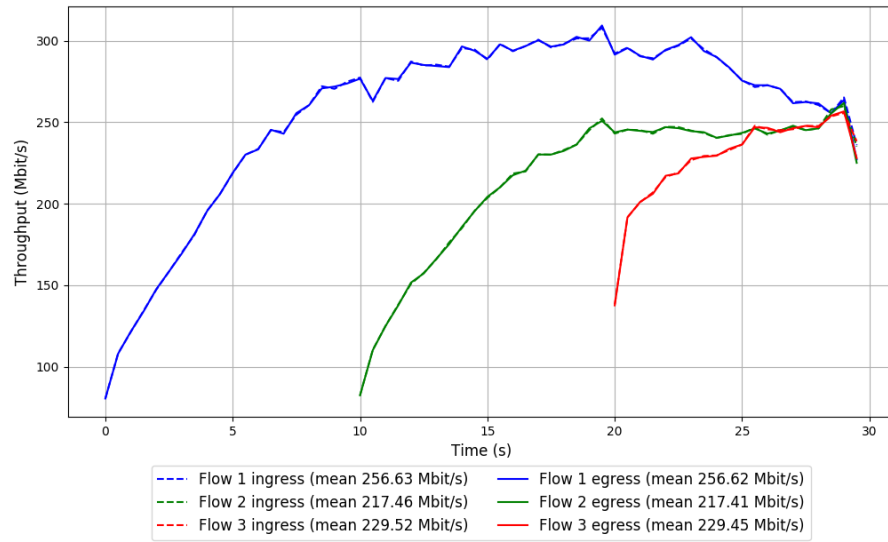
Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 02:38:50  
End at: 2017-09-18 02:39:20  
Local clock offset: -3.644 ms  
Remote clock offset: -1.842 ms

# Below is generated by plot.py at 2017-09-18 09:41:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 477.29 Mbit/s  
95th percentile per-packet one-way delay: 1.578 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 256.62 Mbit/s  
95th percentile per-packet one-way delay: 1.535 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 217.41 Mbit/s  
95th percentile per-packet one-way delay: 1.620 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 229.45 Mbit/s  
95th percentile per-packet one-way delay: 1.607 ms  
Loss rate: 0.23%



### Run 9: Report of TCP Vegas — Data Link

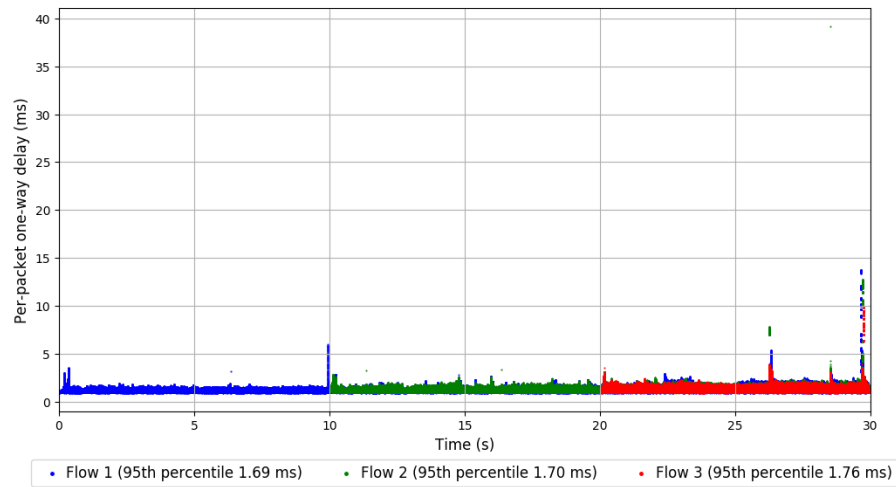
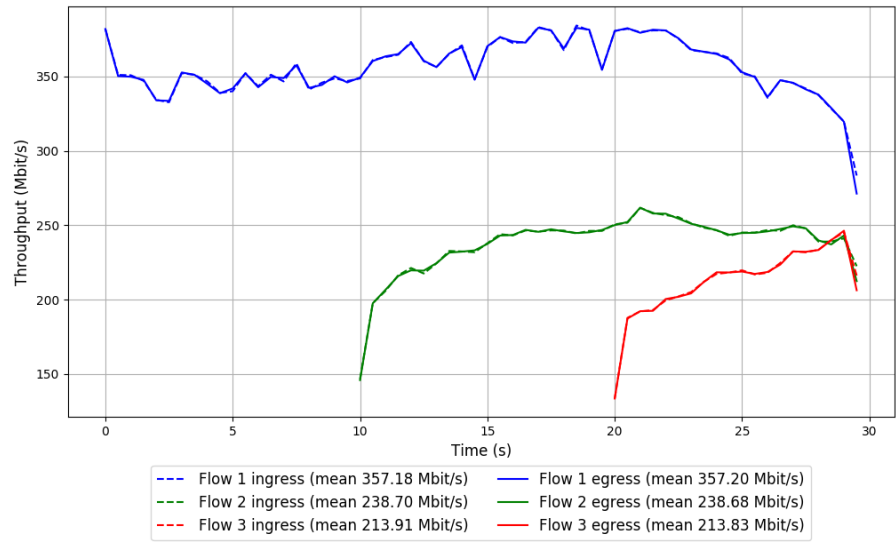


Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 03:01:13  
End at: 2017-09-18 03:01:44  
Local clock offset: -3.601 ms  
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2017-09-18 09:42:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 586.70 Mbit/s  
95th percentile per-packet one-way delay: 1.704 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 357.20 Mbit/s  
95th percentile per-packet one-way delay: 1.688 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 238.68 Mbit/s  
95th percentile per-packet one-way delay: 1.704 ms  
Loss rate: 0.11%  
-- Flow 3:  
Average throughput: 213.83 Mbit/s  
95th percentile per-packet one-way delay: 1.759 ms  
Loss rate: 0.23%

# Run 10: Report of TCP Vegas — Data Link

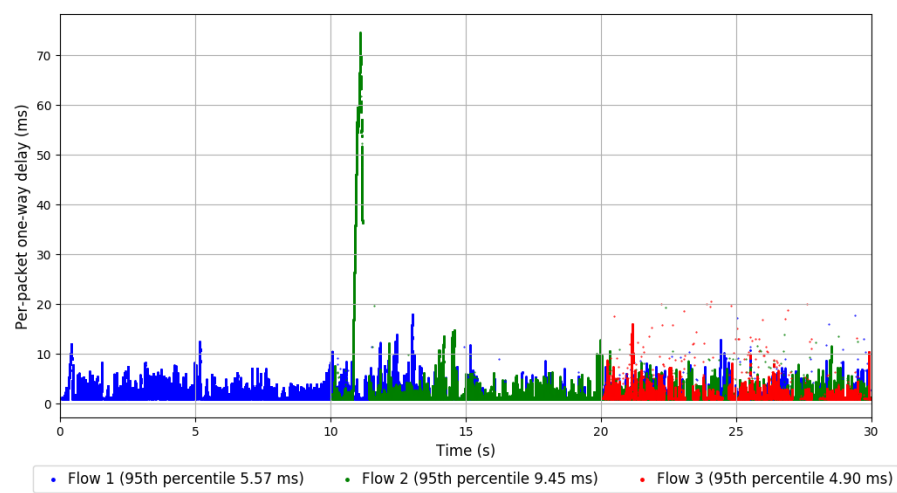
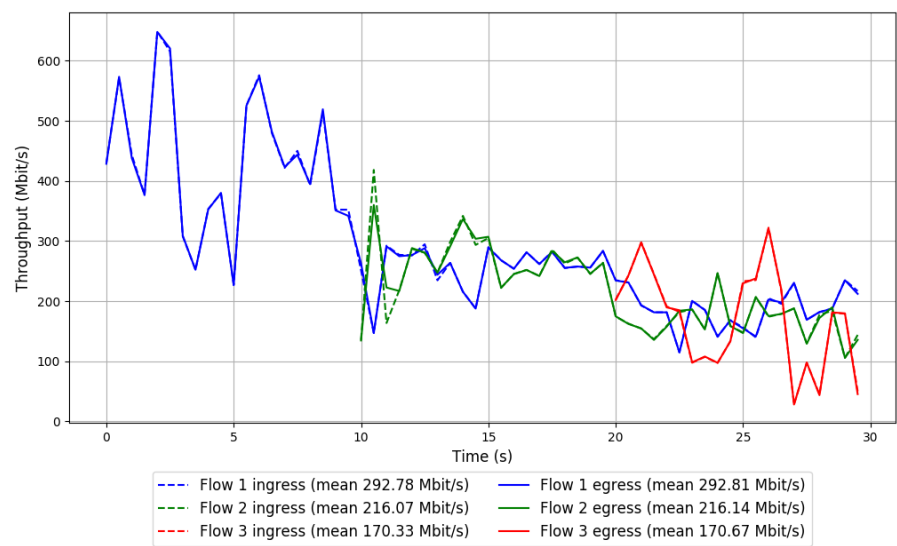


Run 1: Statistics of Verus

Start at: 2017-09-17 23:34:26  
End at: 2017-09-17 23:34:56  
Local clock offset: -0.385 ms  
Remote clock offset: -3.185 ms

# Below is generated by plot.py at 2017-09-18 09:42:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 493.09 Mbit/s  
95th percentile per-packet one-way delay: 5.910 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 292.81 Mbit/s  
95th percentile per-packet one-way delay: 5.571 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 216.14 Mbit/s  
95th percentile per-packet one-way delay: 9.452 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 170.67 Mbit/s  
95th percentile per-packet one-way delay: 4.904 ms  
Loss rate: 0.14%

Run 1: Report of Verus — Data Link

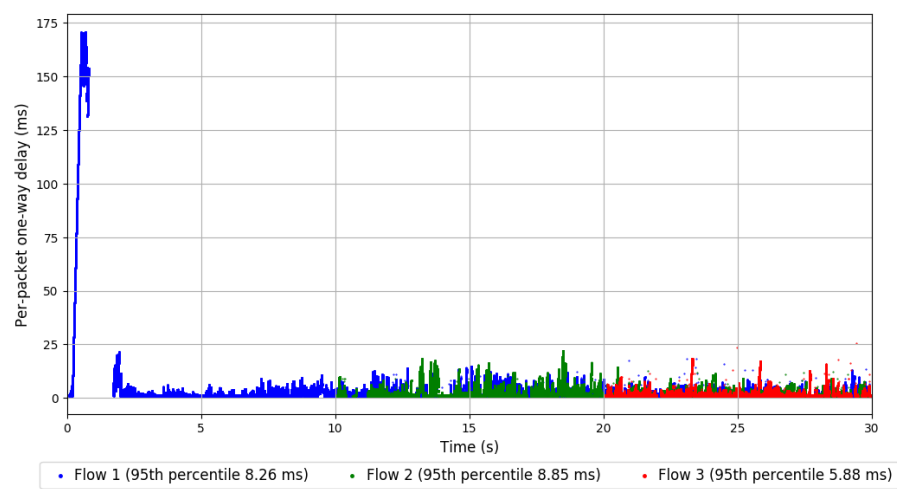
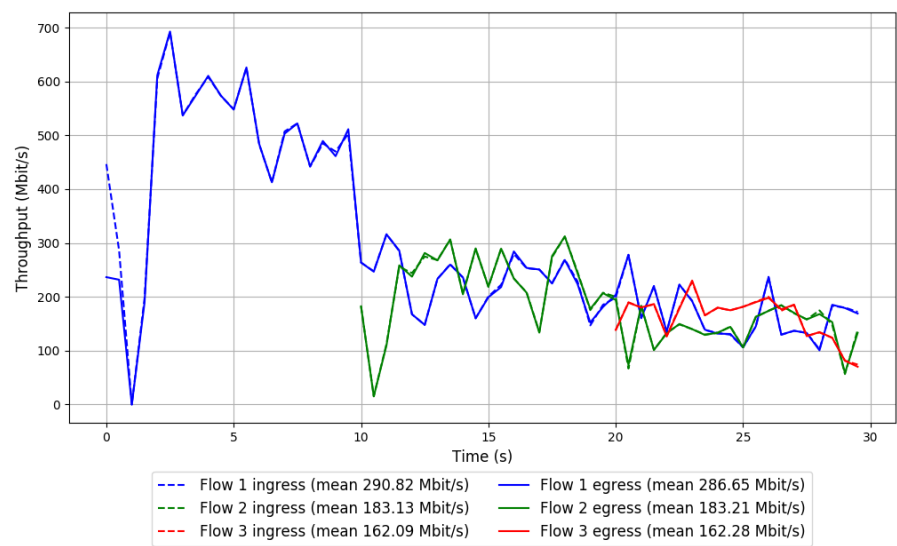


Run 2: Statistics of Verus

Start at: 2017-09-17 23:57:06  
End at: 2017-09-17 23:57:36  
Local clock offset: -0.821 ms  
Remote clock offset: -2.605 ms

# Below is generated by plot.py at 2017-09-18 09:42:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 462.22 Mbit/s  
95th percentile per-packet one-way delay: 8.245 ms  
Loss rate: 0.99%  
-- Flow 1:  
Average throughput: 286.65 Mbit/s  
95th percentile per-packet one-way delay: 8.263 ms  
Loss rate: 1.54%  
-- Flow 2:  
Average throughput: 183.21 Mbit/s  
95th percentile per-packet one-way delay: 8.851 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 162.28 Mbit/s  
95th percentile per-packet one-way delay: 5.876 ms  
Loss rate: 0.12%

Run 2: Report of Verus — Data Link



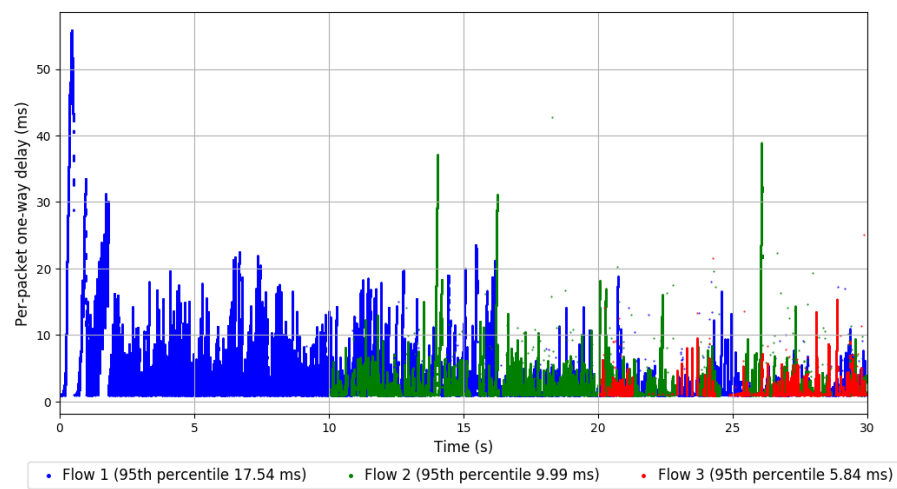
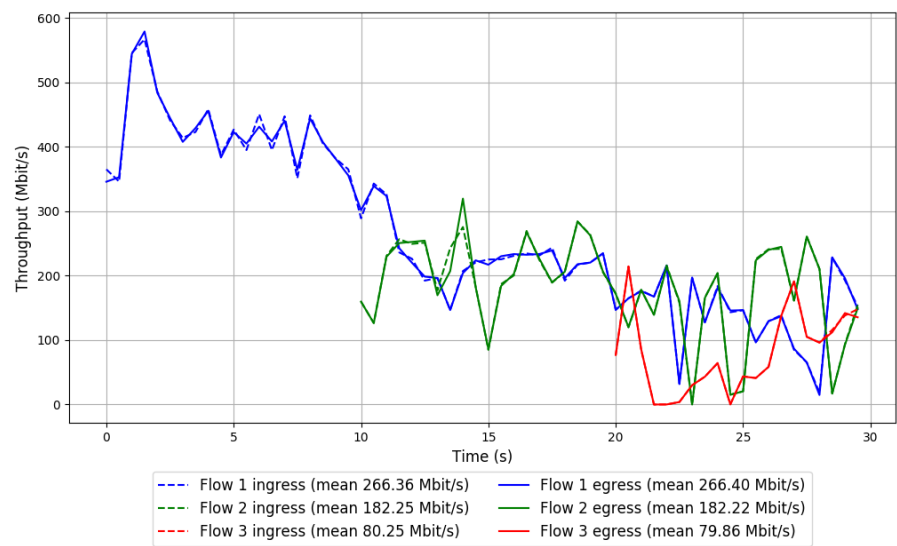
Run 3: Statistics of Verus

Start at: 2017-09-18 00:19:37  
End at: 2017-09-18 00:20:07  
Local clock offset: -1.521 ms  
Remote clock offset: -2.193 ms

# Below is generated by plot.py at 2017-09-18 09:46:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 414.08 Mbit/s  
95th percentile per-packet one-way delay: 15.744 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 266.40 Mbit/s  
95th percentile per-packet one-way delay: 17.542 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 182.22 Mbit/s  
95th percentile per-packet one-way delay: 9.993 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 79.86 Mbit/s  
95th percentile per-packet one-way delay: 5.840 ms  
Loss rate: 0.79%



Run 3: Report of Verus — Data Link

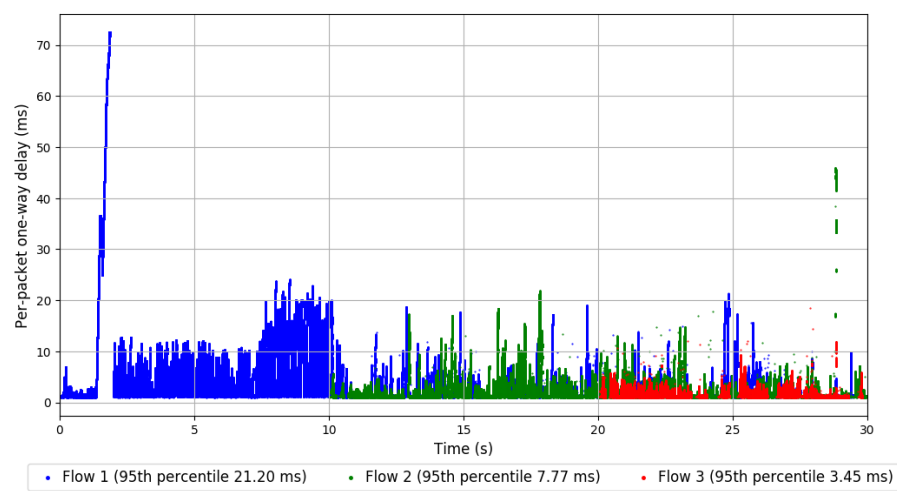
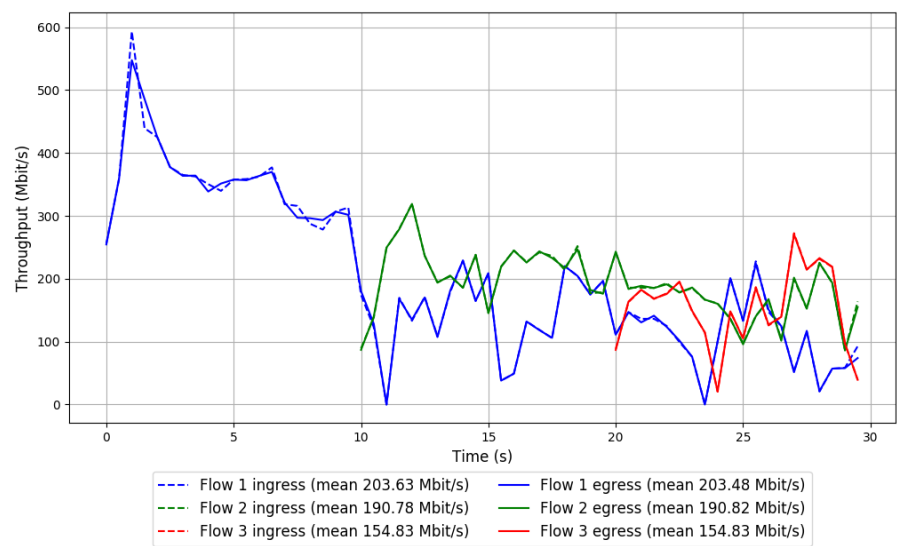


Run 4: Statistics of Verus

Start at: 2017-09-18 00:41:58  
End at: 2017-09-18 00:42:28  
Local clock offset: -2.335 ms  
Remote clock offset: -2.328 ms

# Below is generated by plot.py at 2017-09-18 09:46:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 381.15 Mbit/s  
95th percentile per-packet one-way delay: 16.001 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 203.48 Mbit/s  
95th percentile per-packet one-way delay: 21.200 ms  
Loss rate: 0.16%  
-- Flow 2:  
Average throughput: 190.82 Mbit/s  
95th percentile per-packet one-way delay: 7.768 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 154.83 Mbit/s  
95th percentile per-packet one-way delay: 3.452 ms  
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

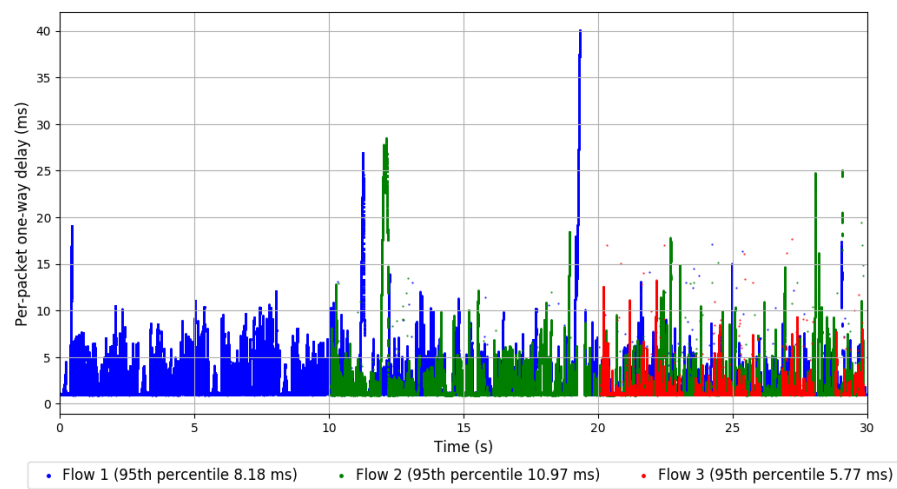
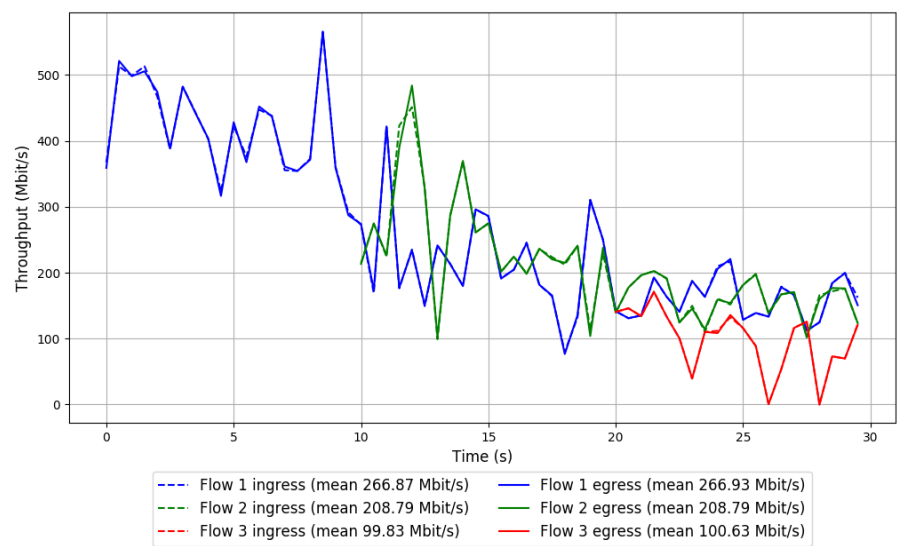


Run 5: Statistics of Verus

Start at: 2017-09-18 01:04:15  
End at: 2017-09-18 01:04:45  
Local clock offset: -3.238 ms  
Remote clock offset: -2.248 ms

# Below is generated by plot.py at 2017-09-18 09:46:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 438.47 Mbit/s  
95th percentile per-packet one-way delay: 8.488 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 266.93 Mbit/s  
95th percentile per-packet one-way delay: 8.175 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 208.79 Mbit/s  
95th percentile per-packet one-way delay: 10.973 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 100.63 Mbit/s  
95th percentile per-packet one-way delay: 5.773 ms  
Loss rate: 0.05%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-09-18 01:27:01

End at: 2017-09-18 01:27:31

Local clock offset: -3.543 ms

Remote clock offset: -2.14 ms

# Below is generated by plot.py at 2017-09-18 09:47:48

# Datalink statistics

-- Total of 3 flows:

Average throughput: 445.28 Mbit/s

95th percentile per-packet one-way delay: 13.149 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 272.05 Mbit/s

95th percentile per-packet one-way delay: 14.470 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 210.02 Mbit/s

95th percentile per-packet one-way delay: 7.062 ms

Loss rate: 0.01%

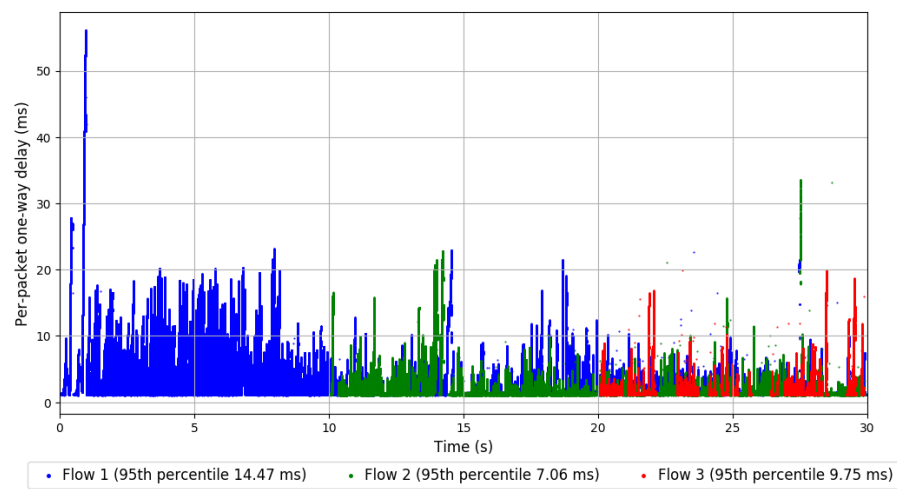
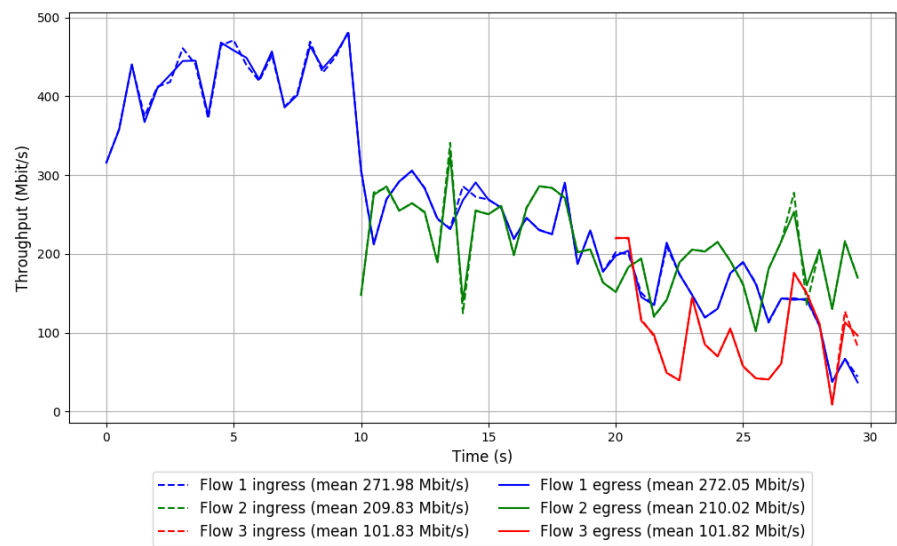
-- Flow 3:

Average throughput: 101.82 Mbit/s

95th percentile per-packet one-way delay: 9.750 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link



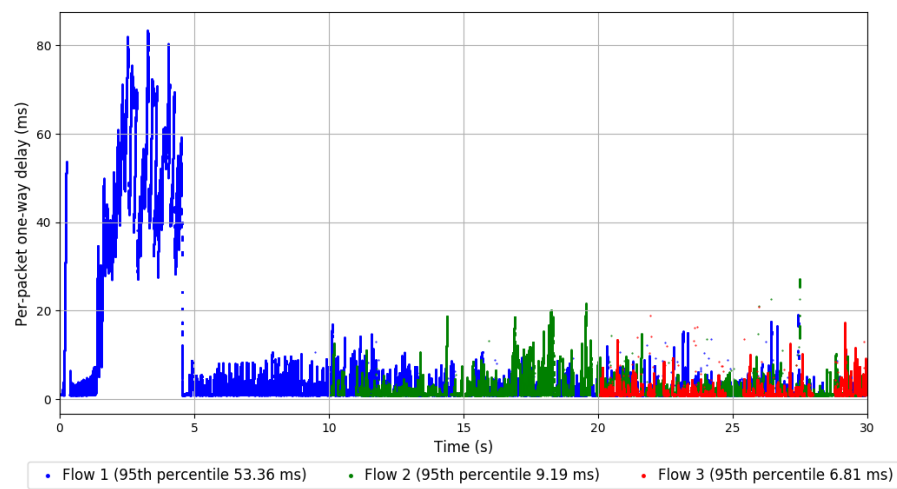
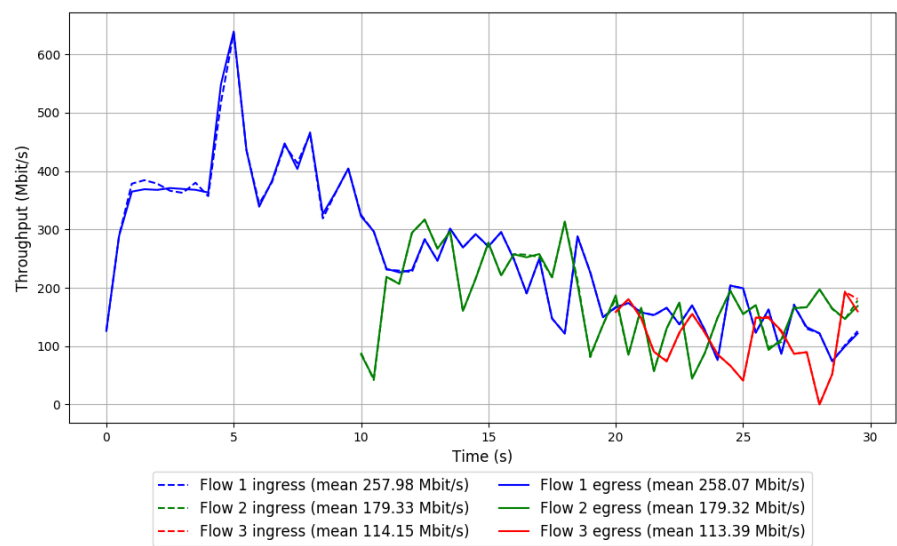
Run 7: Statistics of Verus

Start at: 2017-09-18 01:49:40  
End at: 2017-09-18 01:50:10  
Local clock offset: -4.102 ms  
Remote clock offset: -1.96 ms

# Below is generated by plot.py at 2017-09-18 09:47:48  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 414.93 Mbit/s  
95th percentile per-packet one-way delay: 46.068 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 258.07 Mbit/s  
95th percentile per-packet one-way delay: 53.364 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 179.32 Mbit/s  
95th percentile per-packet one-way delay: 9.193 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 113.39 Mbit/s  
95th percentile per-packet one-way delay: 6.807 ms  
Loss rate: 0.93%



Run 7: Report of Verus — Data Link

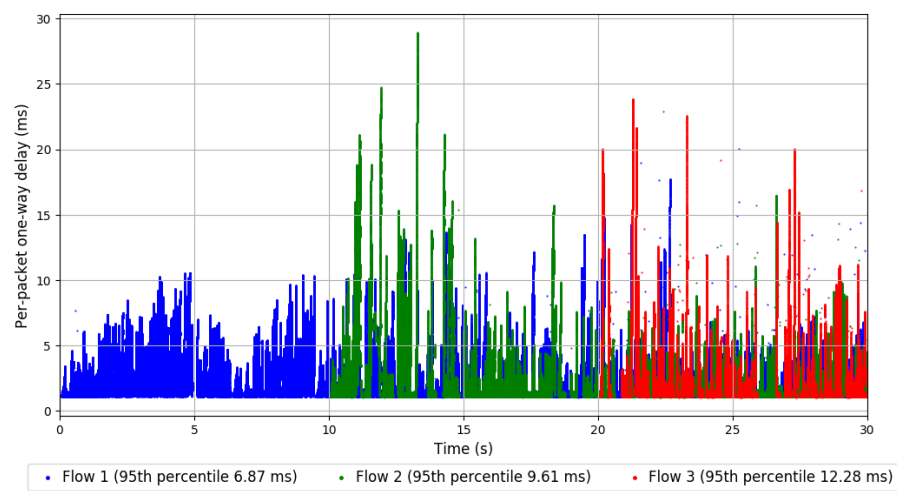
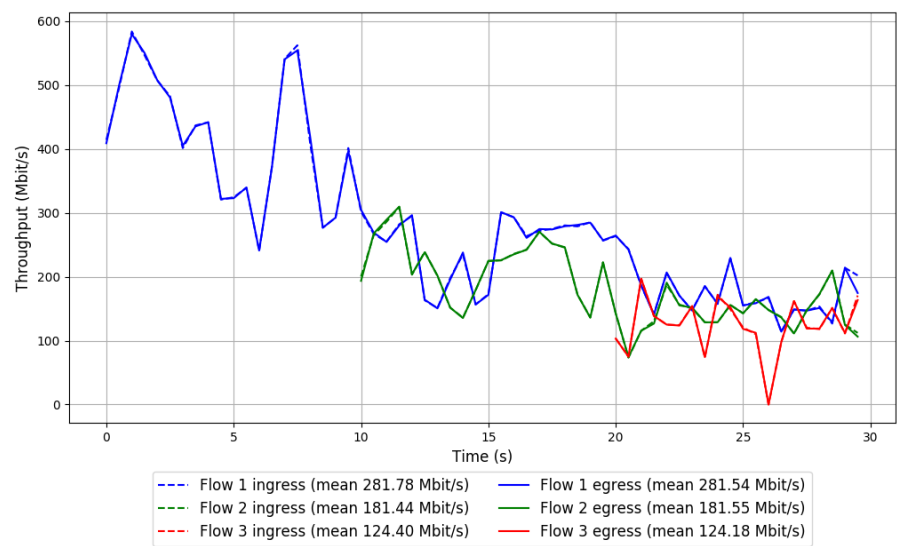


Run 8: Statistics of Verus

Start at: 2017-09-18 02:12:07  
End at: 2017-09-18 02:12:37  
Local clock offset: -3.83 ms  
Remote clock offset: -2.039 ms

# Below is generated by plot.py at 2017-09-18 09:47:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 443.45 Mbit/s  
95th percentile per-packet one-way delay: 7.766 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 281.54 Mbit/s  
95th percentile per-packet one-way delay: 6.872 ms  
Loss rate: 0.16%  
-- Flow 2:  
Average throughput: 181.55 Mbit/s  
95th percentile per-packet one-way delay: 9.606 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 124.18 Mbit/s  
95th percentile per-packet one-way delay: 12.281 ms  
Loss rate: 0.29%

Run 8: Report of Verus — Data Link

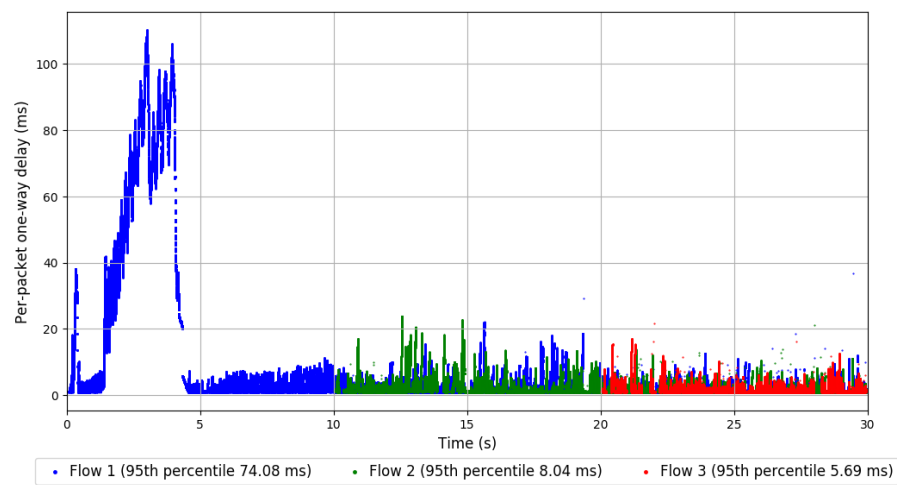
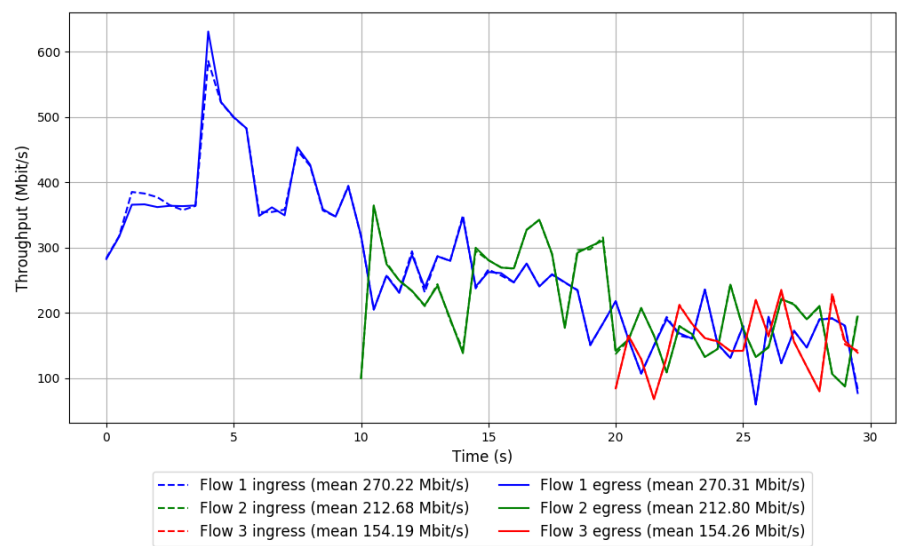


Run 9: Statistics of Verus

Start at: 2017-09-18 02:34:46  
End at: 2017-09-18 02:35:16  
Local clock offset: -3.577 ms  
Remote clock offset: -1.837 ms

# Below is generated by plot.py at 2017-09-18 09:48:07  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 463.10 Mbit/s  
95th percentile per-packet one-way delay: 52.172 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 270.31 Mbit/s  
95th percentile per-packet one-way delay: 74.078 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 212.80 Mbit/s  
95th percentile per-packet one-way delay: 8.042 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 154.26 Mbit/s  
95th percentile per-packet one-way delay: 5.689 ms  
Loss rate: 0.11%

Run 9: Report of Verus — Data Link

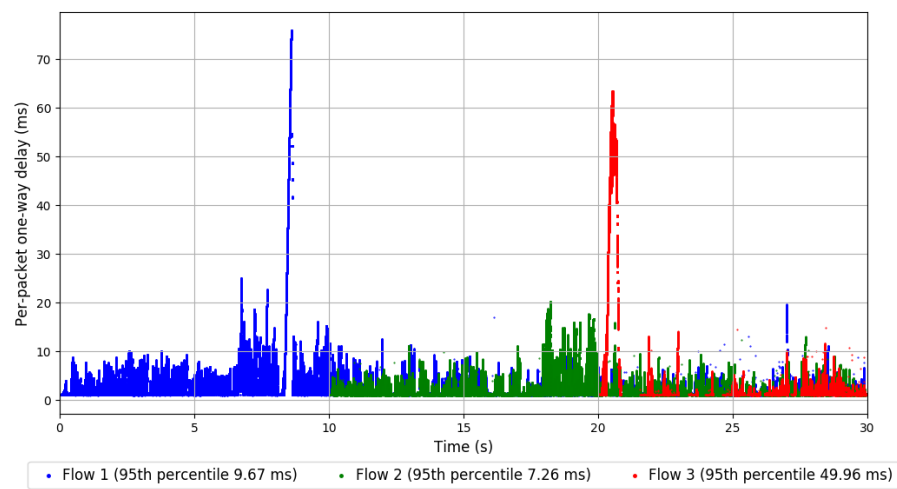
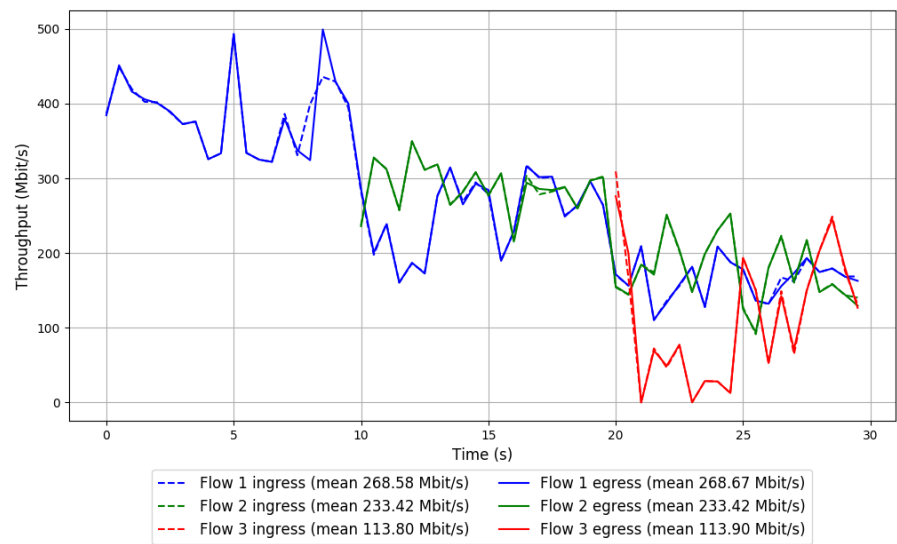


Run 10: Statistics of Verus

Start at: 2017-09-18 02:57:09  
End at: 2017-09-18 02:57:39  
Local clock offset: -3.532 ms  
Remote clock offset: -1.649 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 461.66 Mbit/s  
95th percentile per-packet one-way delay: 9.769 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 268.67 Mbit/s  
95th percentile per-packet one-way delay: 9.667 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 233.42 Mbit/s  
95th percentile per-packet one-way delay: 7.259 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 113.90 Mbit/s  
95th percentile per-packet one-way delay: 49.964 ms  
Loss rate: 0.19%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-17 23:46:33

End at: 2017-09-17 23:47:03

Local clock offset: -0.617 ms

Remote clock offset: -2.87 ms

# Below is generated by plot.py at 2017-09-18 09:48:09

# Datalink statistics

-- Total of 3 flows:

Average throughput: 4.49 Mbit/s

95th percentile per-packet one-way delay: 1.185 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.43 Mbit/s

95th percentile per-packet one-way delay: 1.186 ms

Loss rate: 0.00%

-- Flow 3:

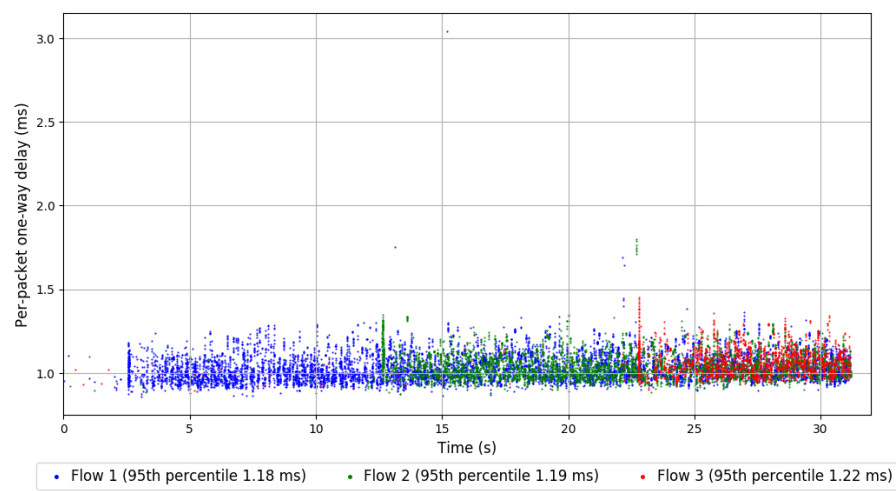
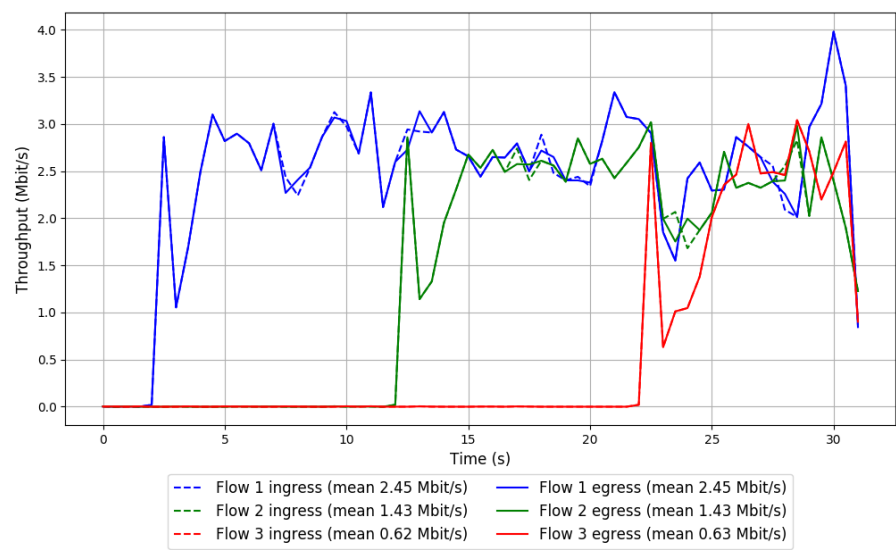
Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 1.223 ms

Loss rate: 0.01%



Run 1: Report of WebRTC media — Data Link

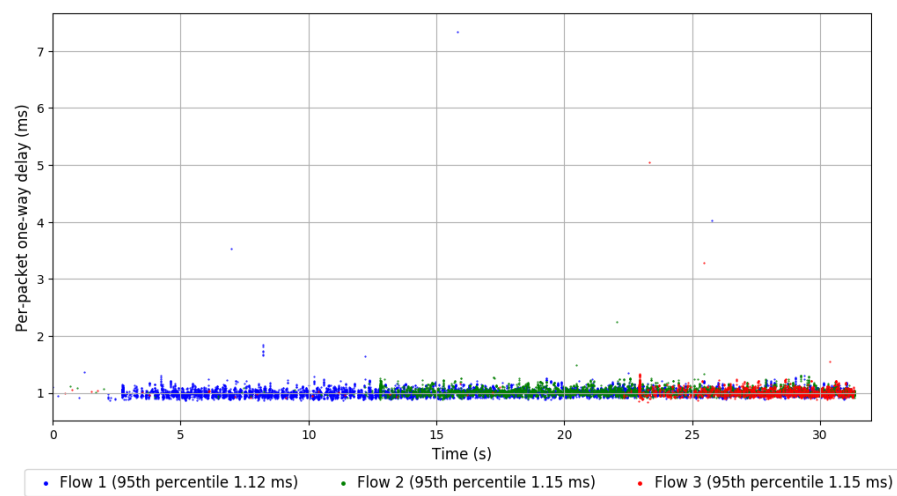
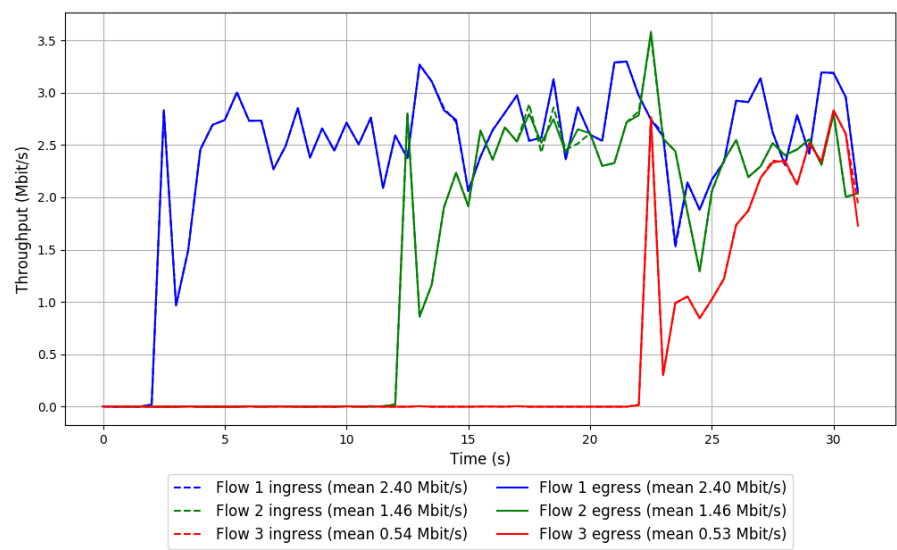


Run 2: Statistics of WebRTC media

Start at: 2017-09-18 00:09:11  
End at: 2017-09-18 00:09:41  
Local clock offset: -1.216 ms  
Remote clock offset: -2.377 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.35 Mbit/s  
95th percentile per-packet one-way delay: 1.134 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 2.40 Mbit/s  
95th percentile per-packet one-way delay: 1.123 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 1.46 Mbit/s  
95th percentile per-packet one-way delay: 1.147 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.53 Mbit/s  
95th percentile per-packet one-way delay: 1.152 ms  
Loss rate: 0.65%

Run 2: Report of WebRTC media — Data Link

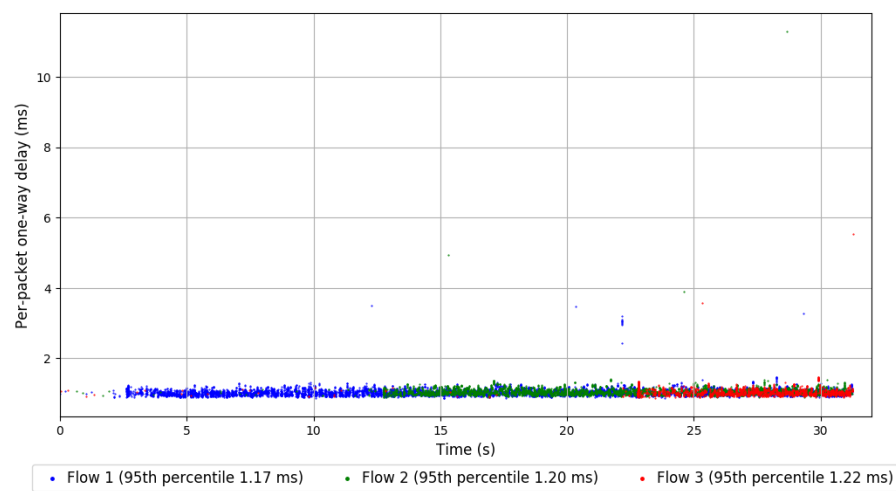
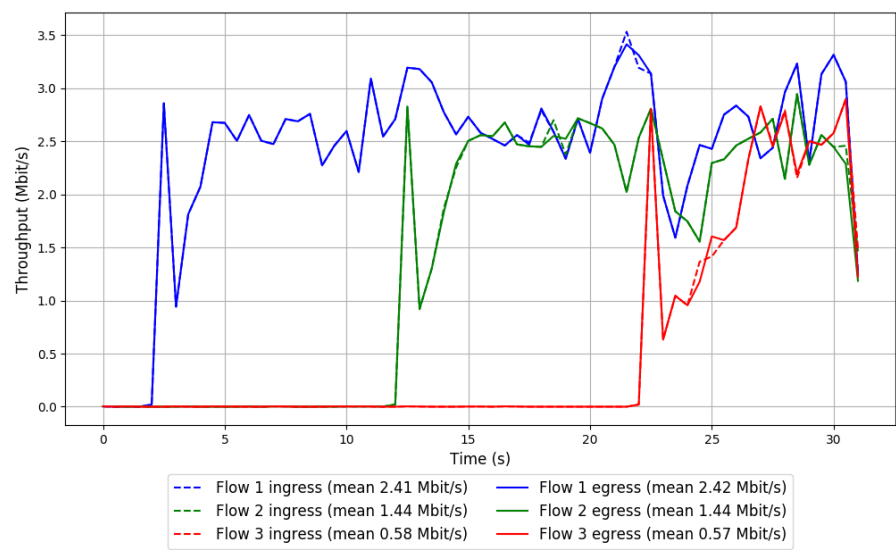


Run 3: Statistics of WebRTC media

Start at: 2017-09-18 00:31:27  
End at: 2017-09-18 00:31:57  
Local clock offset: -1.925 ms  
Remote clock offset: -2.111 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.39 Mbit/s  
95th percentile per-packet one-way delay: 1.182 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 2.42 Mbit/s  
95th percentile per-packet one-way delay: 1.167 ms  
Loss rate: 0.01%  
-- Flow 2:  
Average throughput: 1.44 Mbit/s  
95th percentile per-packet one-way delay: 1.198 ms  
Loss rate: 0.51%  
-- Flow 3:  
Average throughput: 0.57 Mbit/s  
95th percentile per-packet one-way delay: 1.218 ms  
Loss rate: 0.75%

Run 3: Report of WebRTC media — Data Link

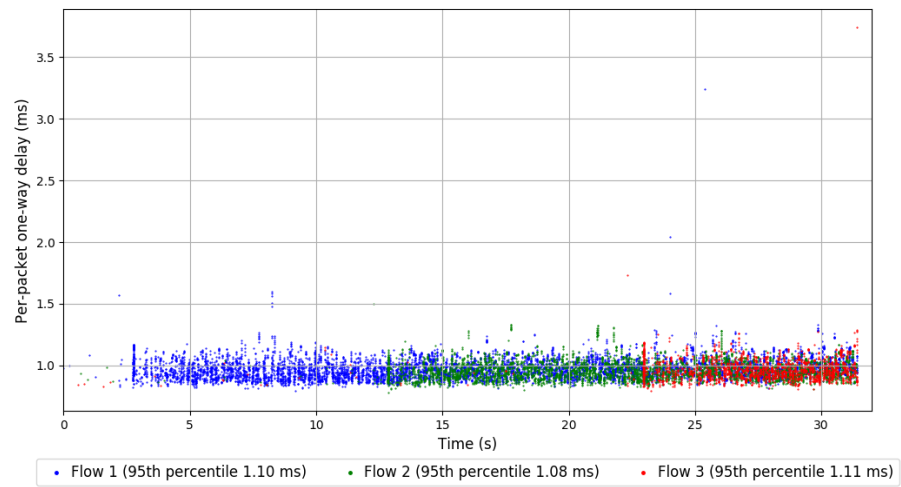
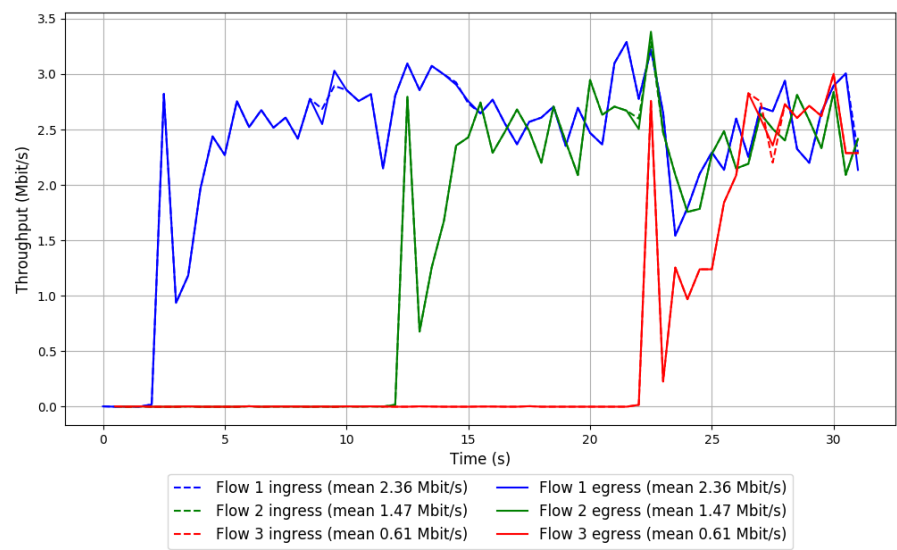


Run 4: Statistics of WebRTC media

Start at: 2017-09-18 00:53:44  
End at: 2017-09-18 00:54:14  
Local clock offset: -2.814 ms  
Remote clock offset: -2.294 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.39 Mbit/s  
95th percentile per-packet one-way delay: 1.099 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: 1.105 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 1.47 Mbit/s  
95th percentile per-packet one-way delay: 1.081 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.61 Mbit/s  
95th percentile per-packet one-way delay: 1.114 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



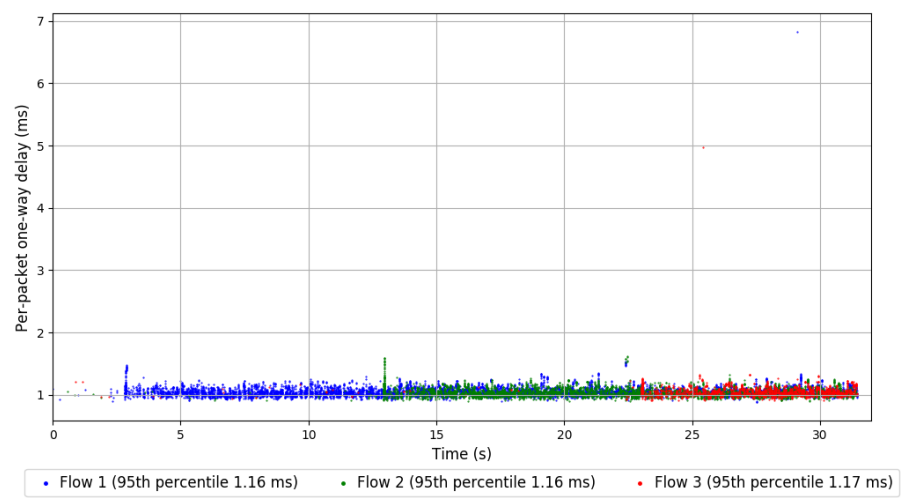
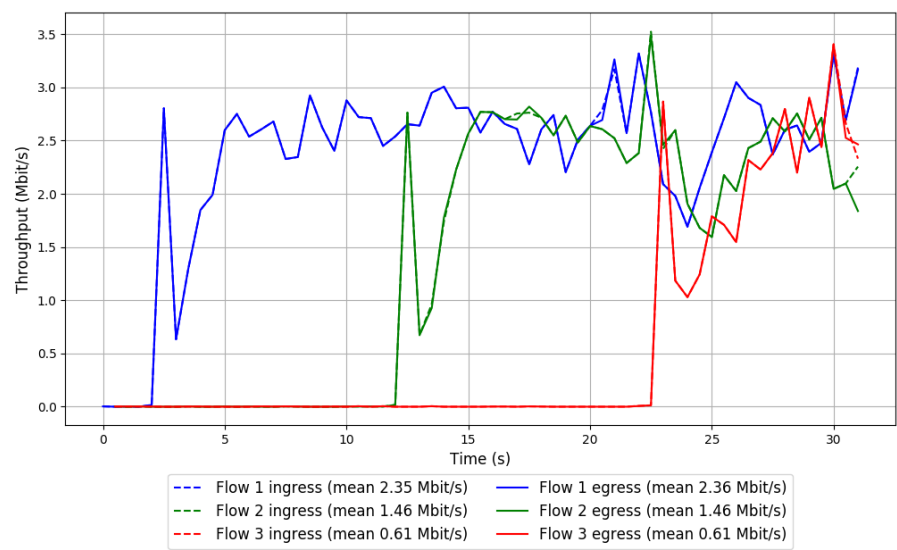
Run 5: Statistics of WebRTC media

Start at: 2017-09-18 01:16:29  
End at: 2017-09-18 01:17:00  
Local clock offset: -3.397 ms  
Remote clock offset: -2.089 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.37 Mbit/s  
95th percentile per-packet one-way delay: 1.157 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: 1.155 ms  
Loss rate: 0.01%  
-- Flow 2:  
Average throughput: 1.46 Mbit/s  
95th percentile per-packet one-way delay: 1.157 ms  
Loss rate: 0.46%  
-- Flow 3:  
Average throughput: 0.61 Mbit/s  
95th percentile per-packet one-way delay: 1.165 ms  
Loss rate: 0.01%



Run 5: Report of WebRTC media — Data Link

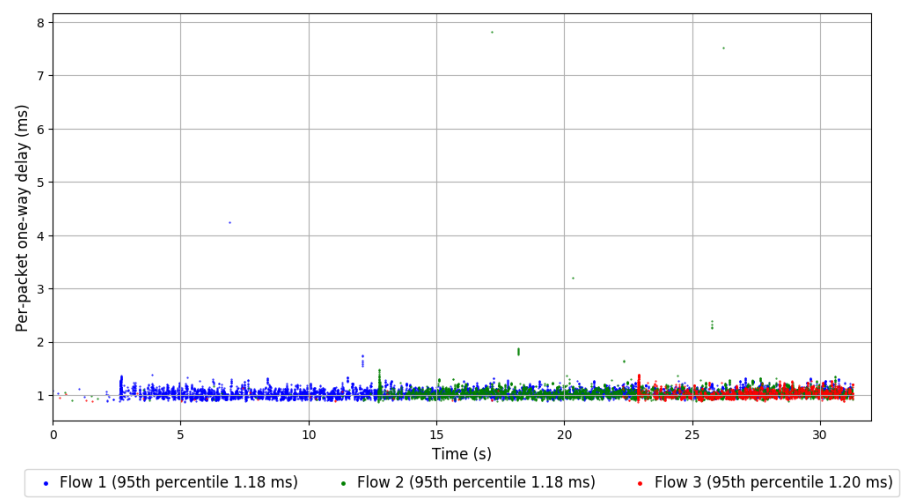
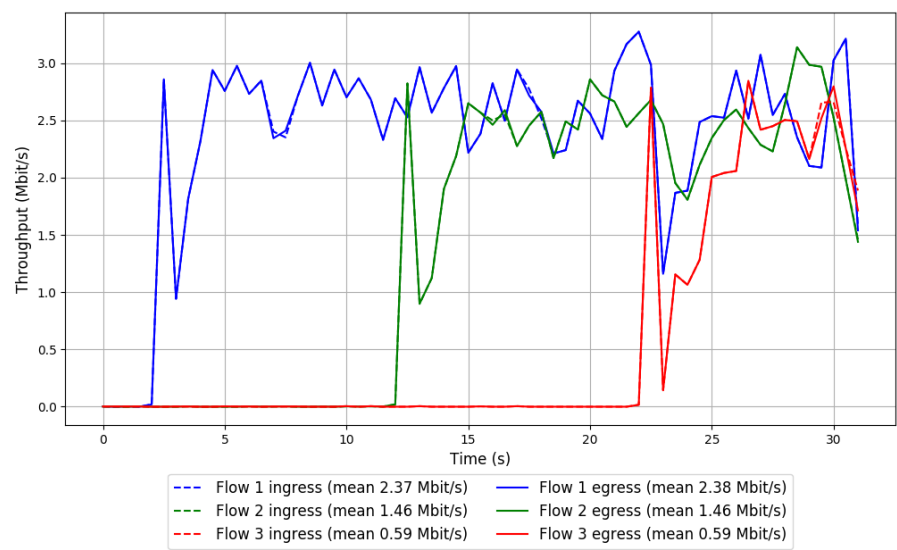


Run 6: Statistics of WebRTC media

Start at: 2017-09-18 01:39:12  
End at: 2017-09-18 01:39:42  
Local clock offset: -3.963 ms  
Remote clock offset: -2.036 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.40 Mbit/s  
95th percentile per-packet one-way delay: 1.181 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 1.176 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 1.46 Mbit/s  
95th percentile per-packet one-way delay: 1.183 ms  
Loss rate: 0.02%  
-- Flow 3:  
Average throughput: 0.59 Mbit/s  
95th percentile per-packet one-way delay: 1.196 ms  
Loss rate: 0.47%

Run 6: Report of WebRTC media — Data Link

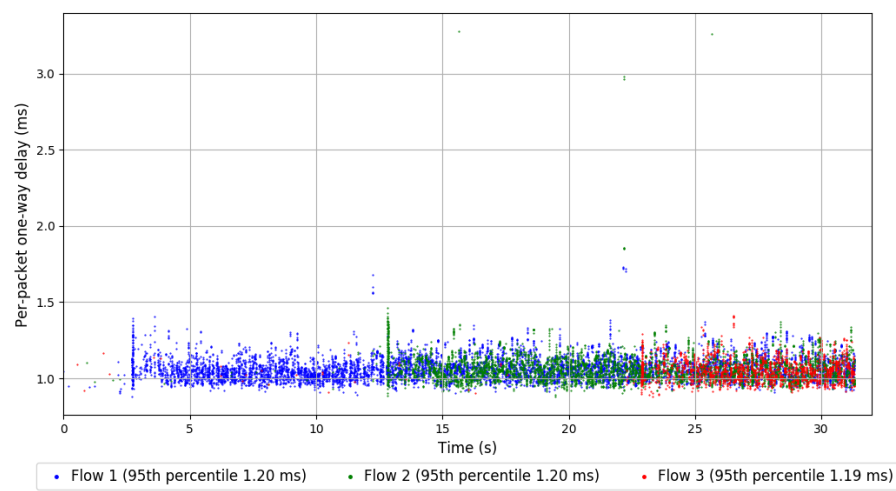
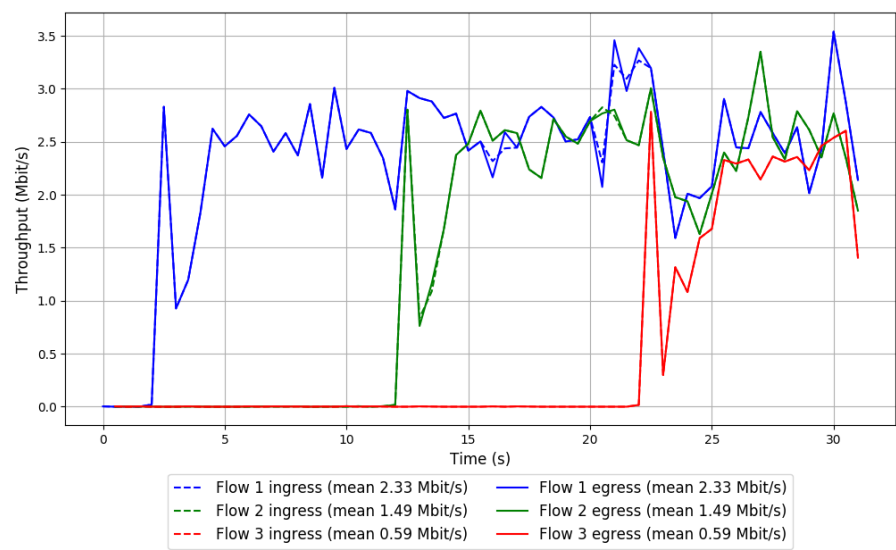


Run 7: Statistics of WebRTC media

Start at: 2017-09-18 02:01:40  
End at: 2017-09-18 02:02:10  
Local clock offset: -4.008 ms  
Remote clock offset: -2.014 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.35 Mbit/s  
95th percentile per-packet one-way delay: 1.197 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: 1.196 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 1.49 Mbit/s  
95th percentile per-packet one-way delay: 1.204 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.59 Mbit/s  
95th percentile per-packet one-way delay: 1.185 ms  
Loss rate: 0.01%

Run 7: Report of WebRTC media — Data Link

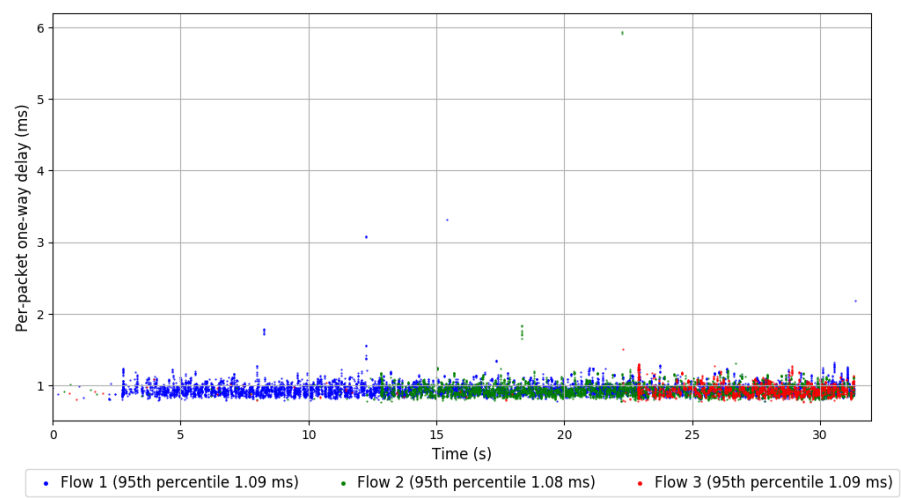
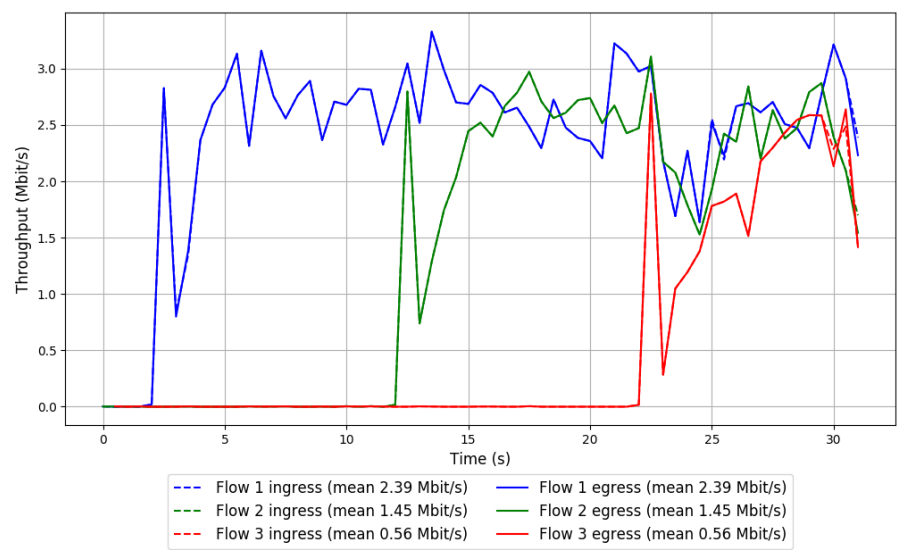


Run 8: Statistics of WebRTC media

Start at: 2017-09-18 02:24:11  
End at: 2017-09-18 02:24:41  
Local clock offset: -3.793 ms  
Remote clock offset: -1.931 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.36 Mbit/s  
95th percentile per-packet one-way delay: 1.089 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 2.39 Mbit/s  
95th percentile per-packet one-way delay: 1.091 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 1.45 Mbit/s  
95th percentile per-packet one-way delay: 1.082 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 0.56 Mbit/s  
95th percentile per-packet one-way delay: 1.092 ms  
Loss rate: 0.01%

Run 8: Report of WebRTC media — Data Link



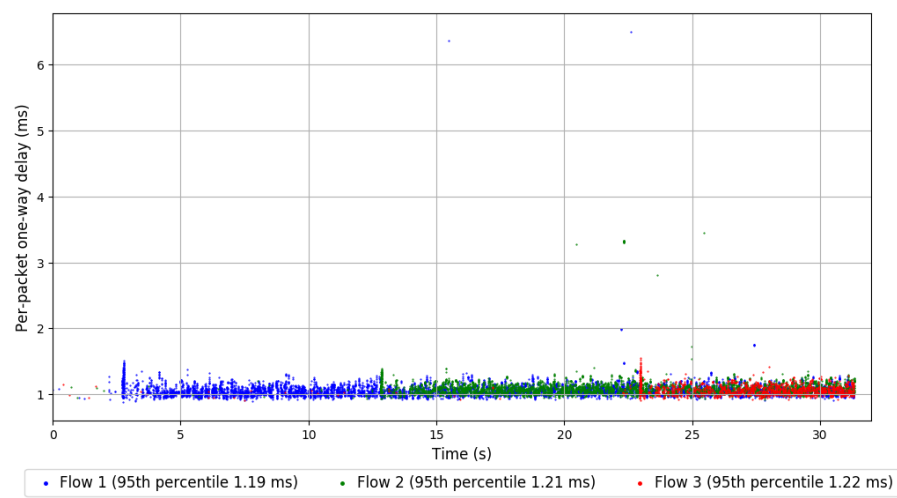
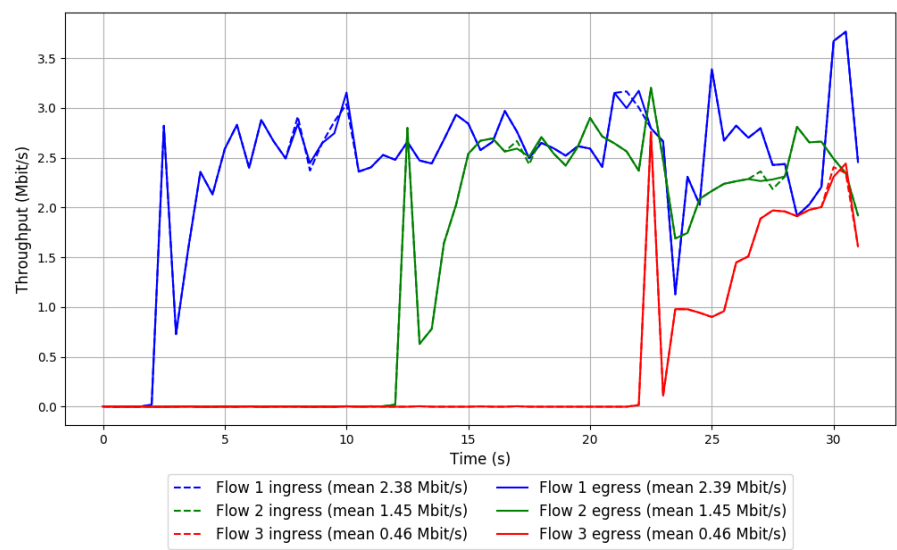
Run 9: Statistics of WebRTC media

Start at: 2017-09-18 02:46:43  
End at: 2017-09-18 02:47:13  
Local clock offset: -3.624 ms  
Remote clock offset: -1.746 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.26 Mbit/s  
95th percentile per-packet one-way delay: 1.204 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 2.39 Mbit/s  
95th percentile per-packet one-way delay: 1.191 ms  
Loss rate: 0.01%  
-- Flow 2:  
Average throughput: 1.45 Mbit/s  
95th percentile per-packet one-way delay: 1.213 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.46 Mbit/s  
95th percentile per-packet one-way delay: 1.220 ms  
Loss rate: 0.01%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-18 03:09:14  
End at: 2017-09-18 03:09:44  
Local clock offset: -3.467 ms  
Remote clock offset: -1.677 ms

# Below is generated by plot.py at 2017-09-18 09:48:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.42 Mbit/s  
95th percentile per-packet one-way delay: 1.203 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: 1.206 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 1.49 Mbit/s  
95th percentile per-packet one-way delay: 1.189 ms  
Loss rate: 0.45%  
-- Flow 3:  
Average throughput: 0.59 Mbit/s  
95th percentile per-packet one-way delay: 1.216 ms  
Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

