

## Pantheon Report

Generated at 2017-09-18 07:15:34 (UTC).

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

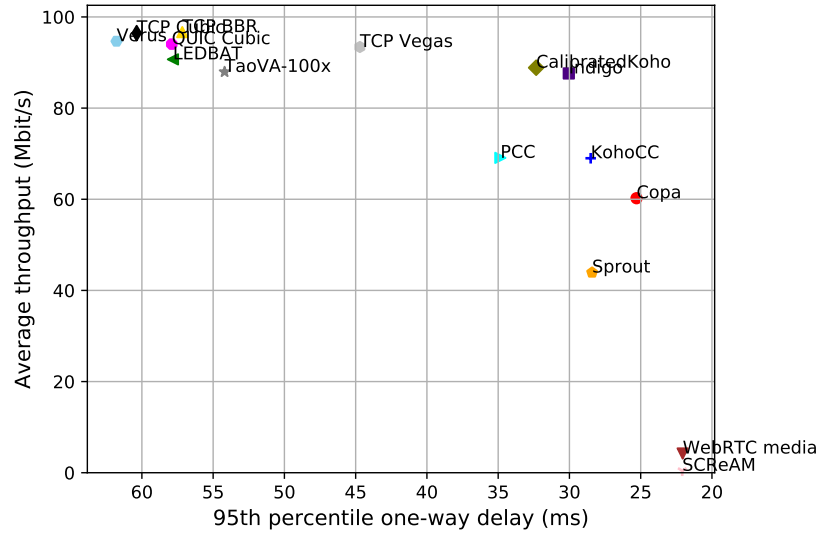
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

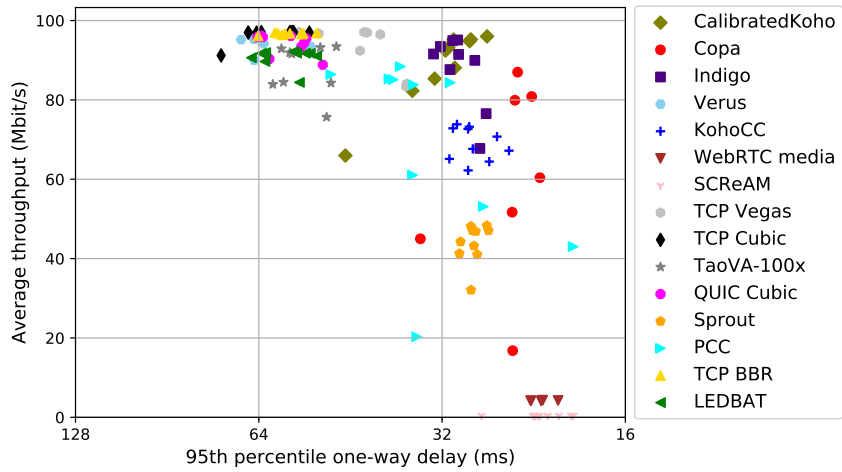
Git summary:

```
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 @ f1a14bffe749737437f61b1eaaeb30b267cde681
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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme  
3 flows with 10s interval between flows (mean of all runs by scheme)



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





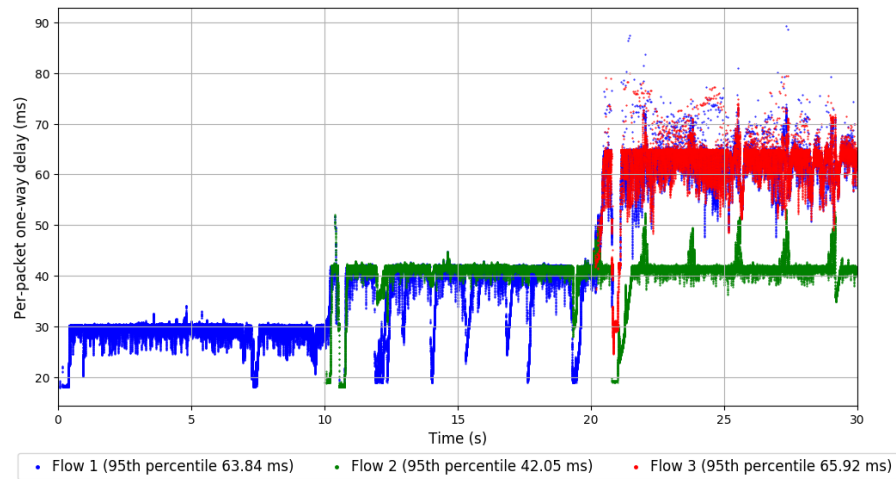
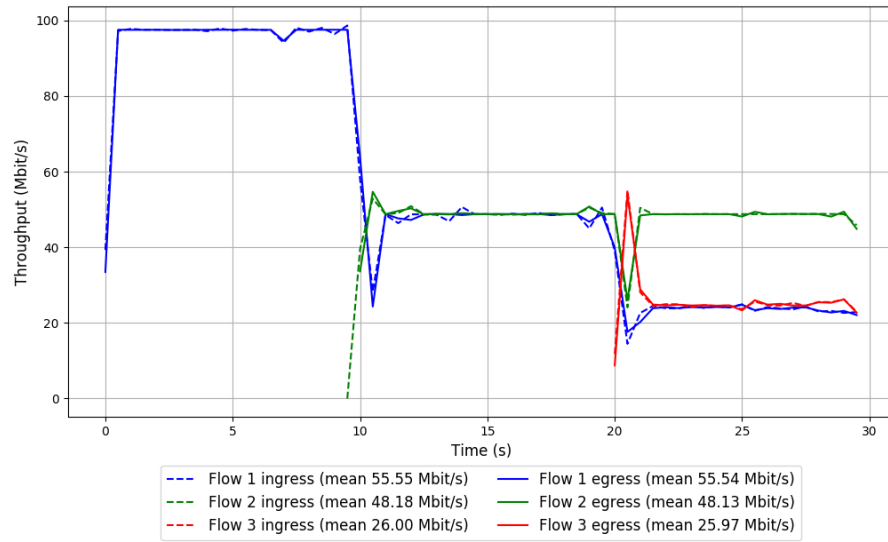
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.30	39.50	36.47	54.10	55.45	54.48	0.10	0.22	0.58
CalibratedKoho	10	56.98	33.32	29.21	32.28	32.53	32.59	0.07	0.17	0.30
Copa	7	38.13	25.34	20.79	24.94	25.25	26.47	0.10	0.16	0.48
TCP Cubic	10	59.72	38.86	32.72	55.86	61.04	59.06	0.17	0.26	0.69
Indigo	9	55.05	34.25	30.01	29.62	30.73	31.31	0.08	0.10	0.29
KohoCC	10	35.75	33.42	33.10	27.94	28.84	28.03	0.09	0.14	0.34
LEDBAT	10	56.48	37.84	27.16	55.39	54.36	57.51	0.14	0.28	0.75
PCC	10	42.73	30.93	17.59	33.05	31.10	31.65	0.11	0.18	0.35
QUIC Cubic	9	56.45	43.03	27.41	55.31	51.53	59.26	0.11	0.25	0.68
SCReAM	10	0.21	0.21	0.22	21.91	22.19	22.37	0.09	0.12	0.14
Sprout	10	22.67	20.95	22.11	27.69	28.75	29.47	0.10	0.16	0.38
TaoVA-100x	9	52.56	39.98	34.37	51.82	53.02	49.89	0.10	0.25	0.66
TCP Vegas	9	60.00	32.68	35.04	41.19	37.59	41.86	0.07	0.12	0.46
Verus	10	57.73	40.92	29.40	54.82	58.63	61.96	0.10	0.22	0.69
WebRTC media	5	2.30	1.40	0.54	22.00	22.00	22.43	0.14	0.11	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-09-17 23:32:00  
End at: 2017-09-17 23:32:30  
Local clock offset: -3.047 ms  
Remote clock offset: -2.196 ms

# Below is generated by plot.py at 2017-09-18 06:55:35  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.15 Mbit/s  
95th percentile per-packet one-way delay: 64.166 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 55.54 Mbit/s  
95th percentile per-packet one-way delay: 63.838 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 48.13 Mbit/s  
95th percentile per-packet one-way delay: 42.047 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 25.97 Mbit/s  
95th percentile per-packet one-way delay: 65.924 ms  
Loss rate: 0.69%

# Run 1: Report of TCP BBR — Data Link

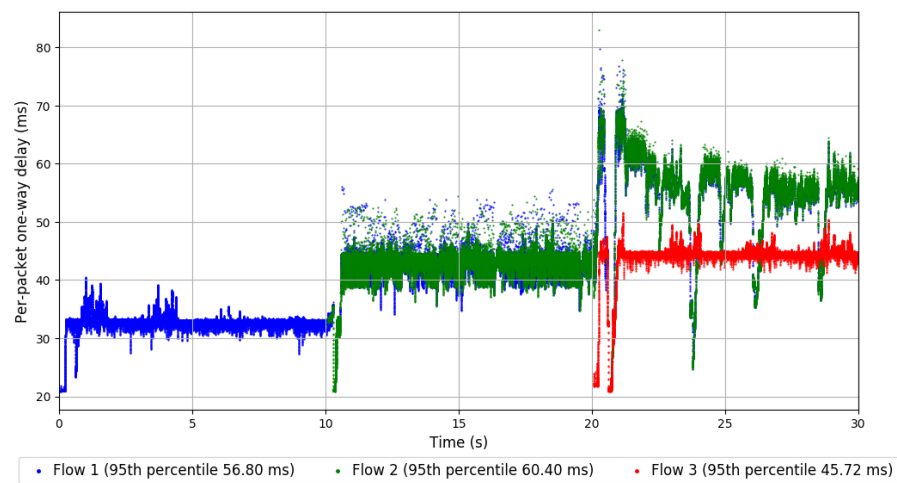
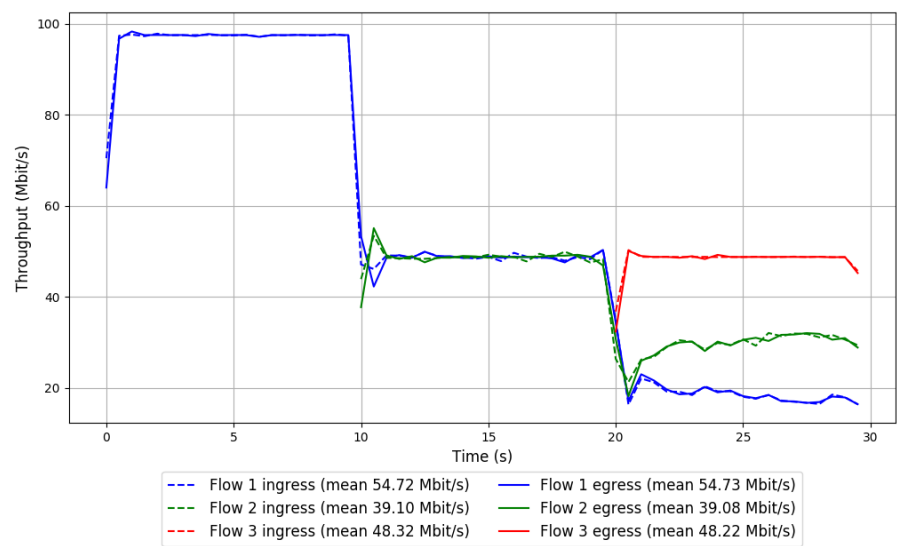


Run 2: Statistics of TCP BBR

Start at: 2017-09-17 23:51:26  
End at: 2017-09-17 23:51:56  
Local clock offset: 0.06 ms  
Remote clock offset: -2.273 ms

# Below is generated by plot.py at 2017-09-18 06:55:37  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.72 Mbit/s  
95th percentile per-packet one-way delay: 57.932 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 54.73 Mbit/s  
95th percentile per-packet one-way delay: 56.802 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 39.08 Mbit/s  
95th percentile per-packet one-way delay: 60.396 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 48.22 Mbit/s  
95th percentile per-packet one-way delay: 45.722 ms  
Loss rate: 0.50%

Run 2: Report of TCP BBR — Data Link

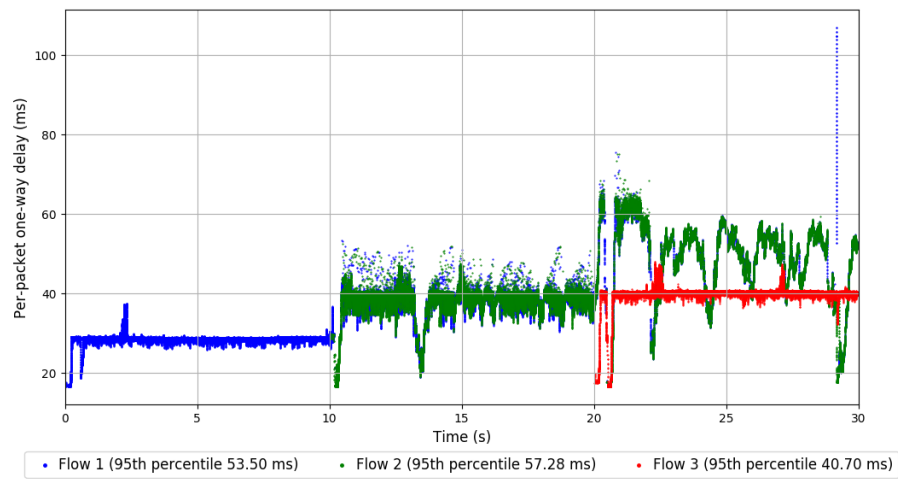
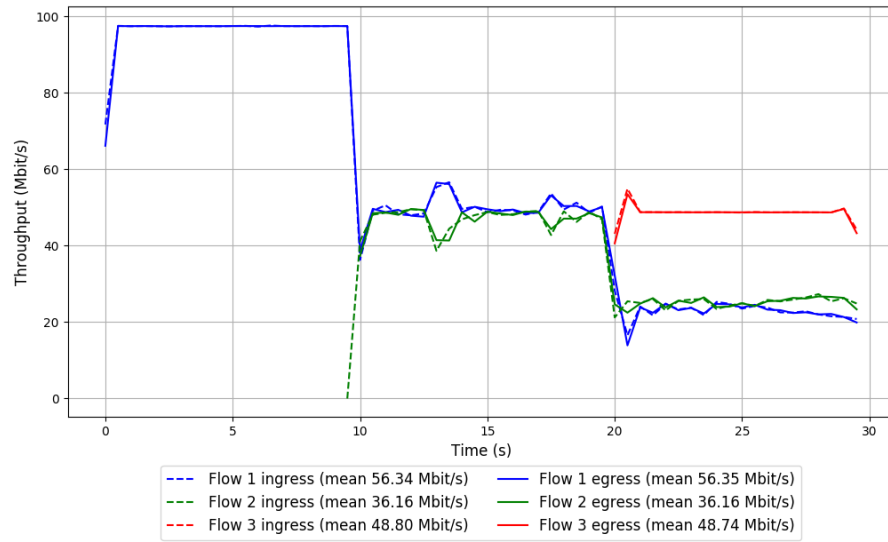


Run 3: Statistics of TCP BBR

Start at: 2017-09-18 00:12:17  
End at: 2017-09-18 00:12:47  
Local clock offset: -3.659 ms  
Remote clock offset: -2.326 ms

# Below is generated by plot.py at 2017-09-18 06:55:37  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.58 Mbit/s  
95th percentile per-packet one-way delay: 54.413 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 56.35 Mbit/s  
95th percentile per-packet one-way delay: 53.500 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 36.16 Mbit/s  
95th percentile per-packet one-way delay: 57.283 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 48.74 Mbit/s  
95th percentile per-packet one-way delay: 40.697 ms  
Loss rate: 0.51%

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



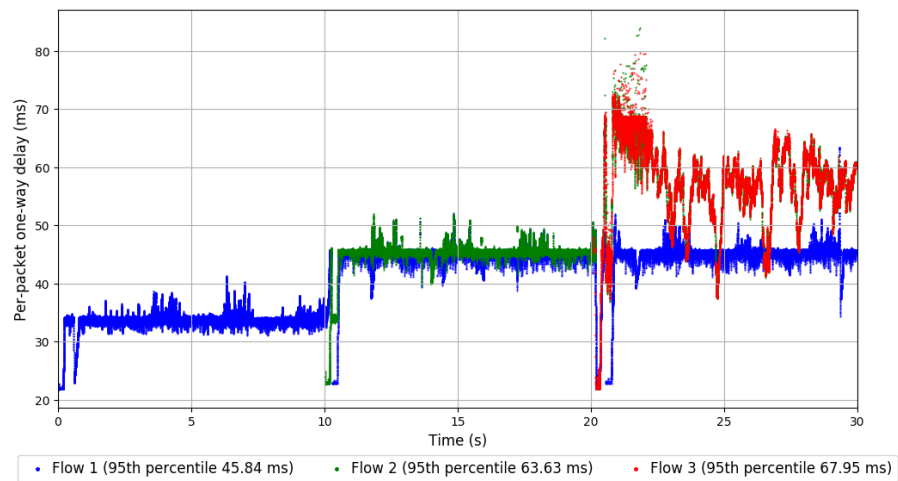
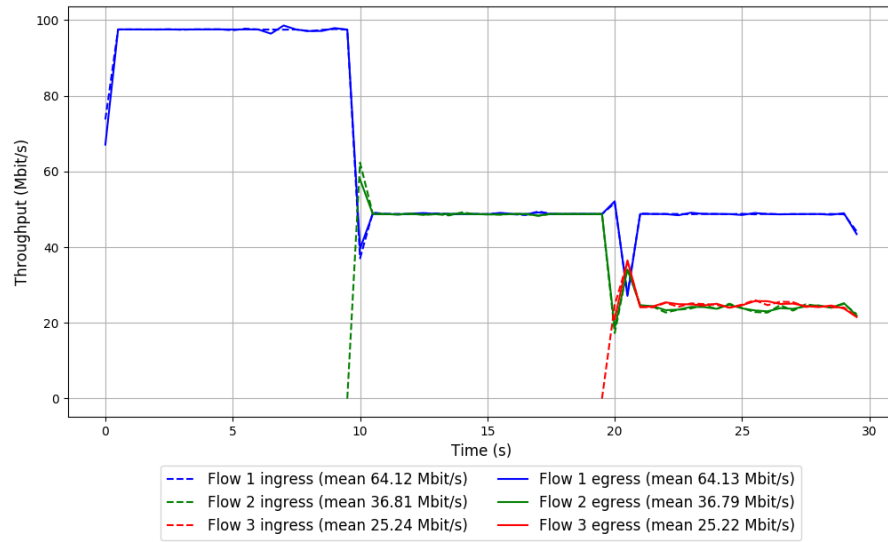
Run 4: Statistics of TCP BBR

Start at: 2017-09-18 00:33:09  
End at: 2017-09-18 00:33:39  
Local clock offset: -2.158 ms  
Remote clock offset: -6.335 ms

# Below is generated by plot.py at 2017-09-18 06:55:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.98 Mbit/s  
95th percentile per-packet one-way delay: 60.197 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 64.13 Mbit/s  
95th percentile per-packet one-way delay: 45.843 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 36.79 Mbit/s  
95th percentile per-packet one-way delay: 63.629 ms  
Loss rate: 0.21%  
-- Flow 3:  
Average throughput: 25.22 Mbit/s  
95th percentile per-packet one-way delay: 67.951 ms  
Loss rate: 0.62%



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

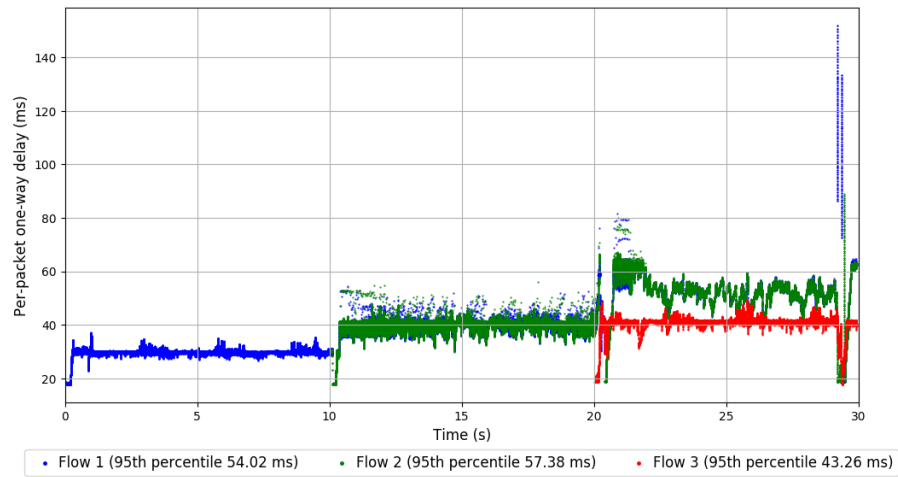
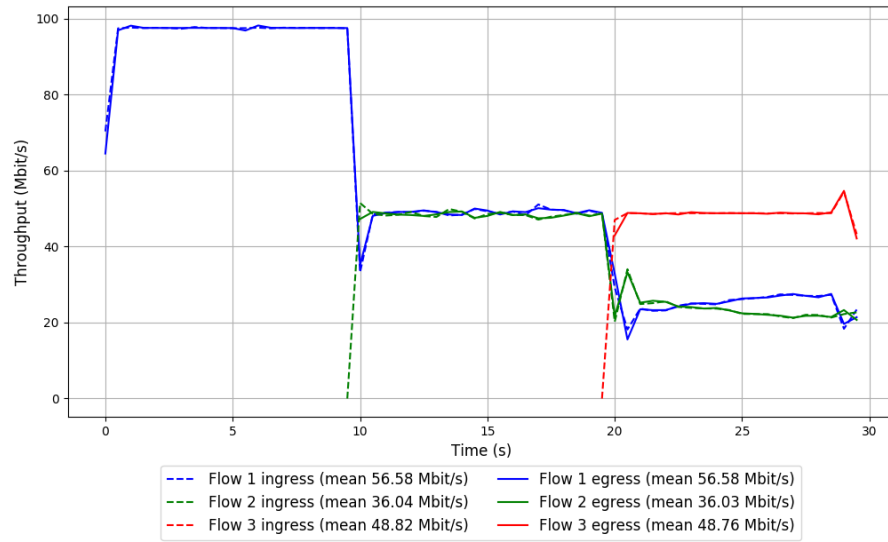


Run 5: Statistics of TCP BBR

Start at: 2017-09-18 00:53:46  
End at: 2017-09-18 00:54:16  
Local clock offset: -2.395 ms  
Remote clock offset: -3.271 ms

# Below is generated by plot.py at 2017-09-18 06:55:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.76 Mbit/s  
95th percentile per-packet one-way delay: 54.375 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 56.58 Mbit/s  
95th percentile per-packet one-way delay: 54.019 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 36.03 Mbit/s  
95th percentile per-packet one-way delay: 57.376 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 48.76 Mbit/s  
95th percentile per-packet one-way delay: 43.260 ms  
Loss rate: 0.51%

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

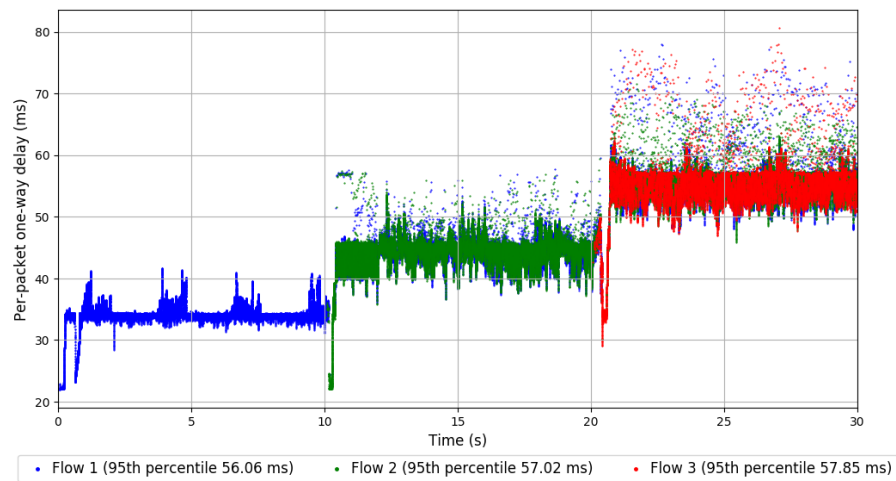
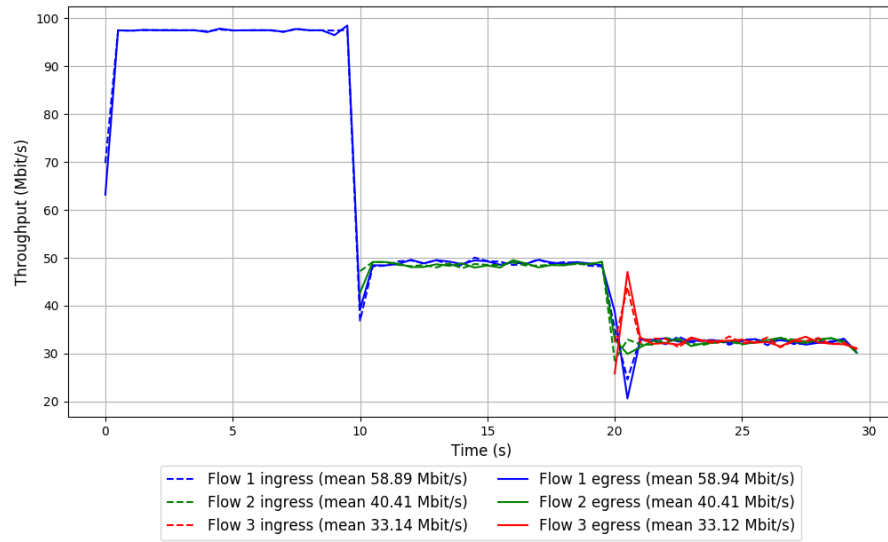


Run 6: Statistics of TCP BBR

Start at: 2017-09-18 01:13:56  
End at: 2017-09-18 01:14:26  
Local clock offset: 2.252 ms  
Remote clock offset: -3.434 ms

# Below is generated by plot.py at 2017-09-18 06:55:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.76 Mbit/s  
95th percentile per-packet one-way delay: 56.885 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 58.94 Mbit/s  
95th percentile per-packet one-way delay: 56.057 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.41 Mbit/s  
95th percentile per-packet one-way delay: 57.024 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 33.12 Mbit/s  
95th percentile per-packet one-way delay: 57.854 ms  
Loss rate: 0.56%

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

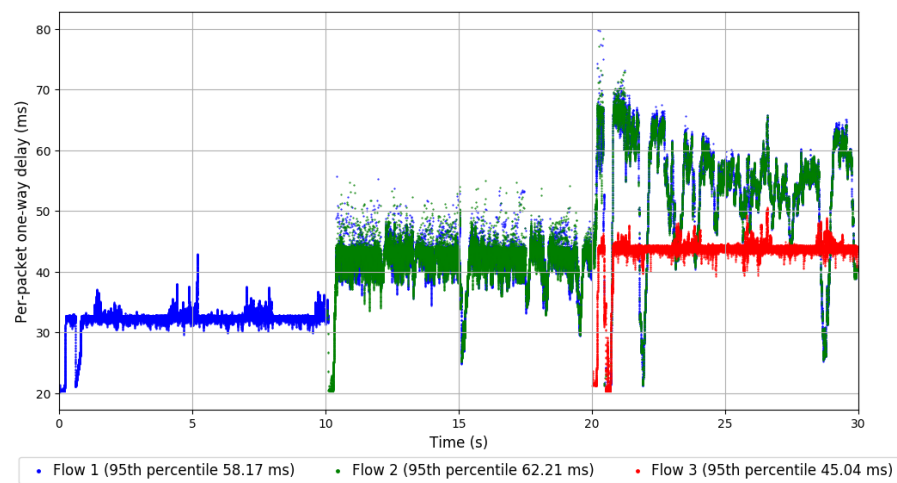
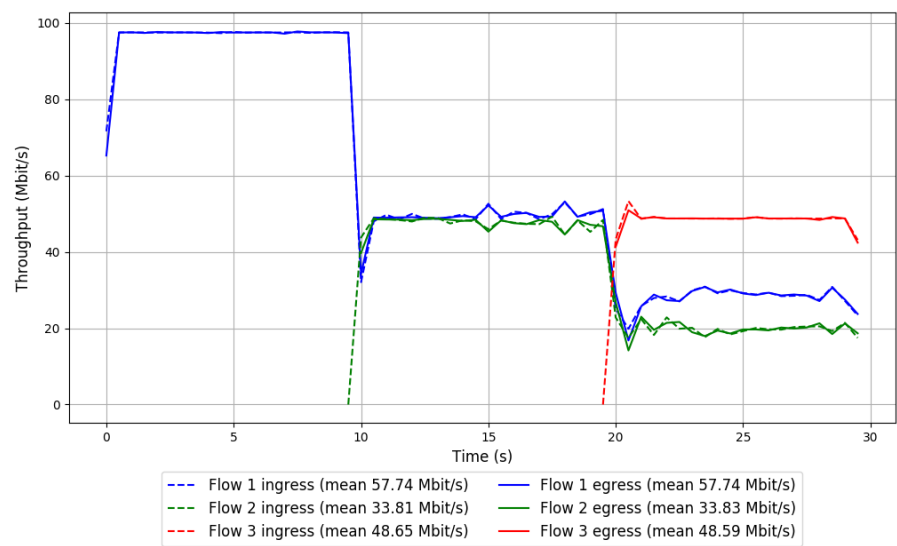


Run 7: Statistics of TCP BBR

Start at: 2017-09-18 01:52:46  
End at: 2017-09-18 01:53:16  
Local clock offset: 0.573 ms  
Remote clock offset: -3.607 ms

# Below is generated by plot.py at 2017-09-18 06:55:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.38 Mbit/s  
95th percentile per-packet one-way delay: 58.601 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 57.74 Mbit/s  
95th percentile per-packet one-way delay: 58.166 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 33.83 Mbit/s  
95th percentile per-packet one-way delay: 62.210 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 48.59 Mbit/s  
95th percentile per-packet one-way delay: 45.037 ms  
Loss rate: 0.52%

Run 7: Report of TCP BBR — Data Link



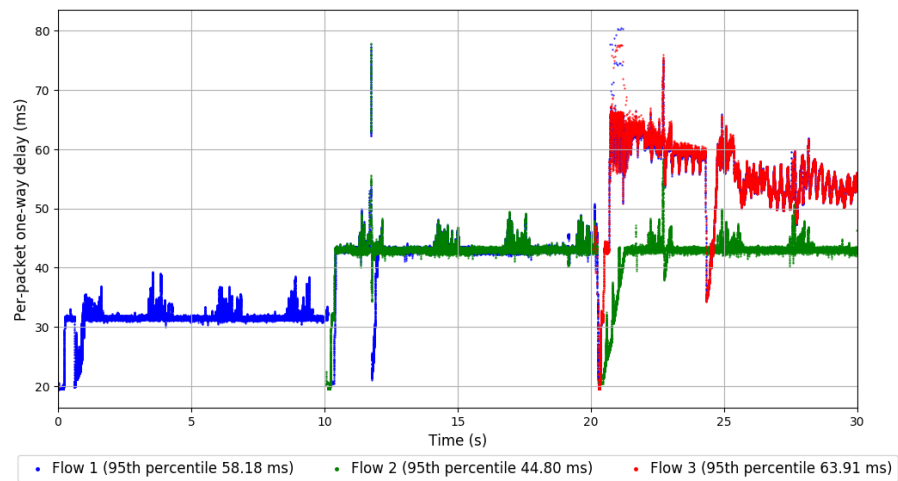
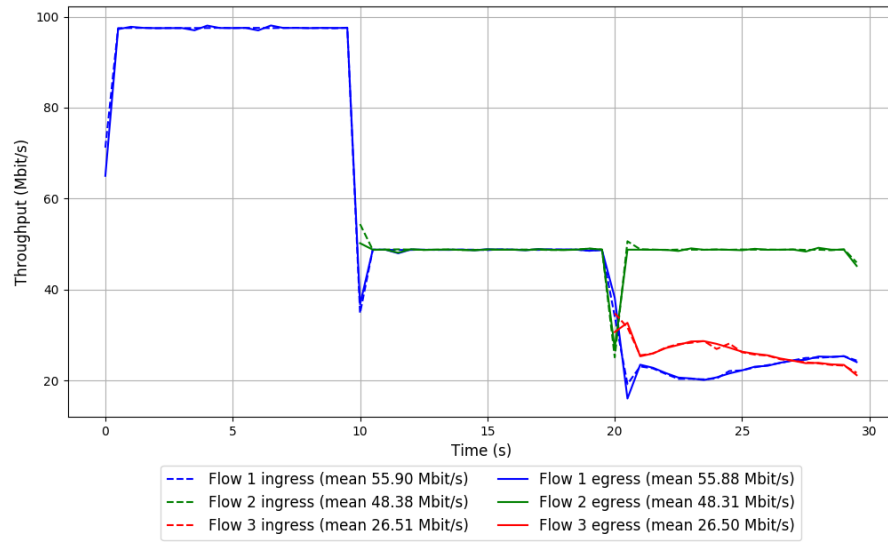
Run 8: Statistics of TCP BBR

Start at: 2017-09-18 02:13:06  
End at: 2017-09-18 02:13:36  
Local clock offset: -0.445 ms  
Remote clock offset: -3.934 ms

# Below is generated by plot.py at 2017-09-18 06:55:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.80 Mbit/s  
95th percentile per-packet one-way delay: 59.521 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 55.88 Mbit/s  
95th percentile per-packet one-way delay: 58.178 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 48.31 Mbit/s  
95th percentile per-packet one-way delay: 44.805 ms  
Loss rate: 0.29%  
-- Flow 3:  
Average throughput: 26.50 Mbit/s  
95th percentile per-packet one-way delay: 63.909 ms  
Loss rate: 0.55%



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

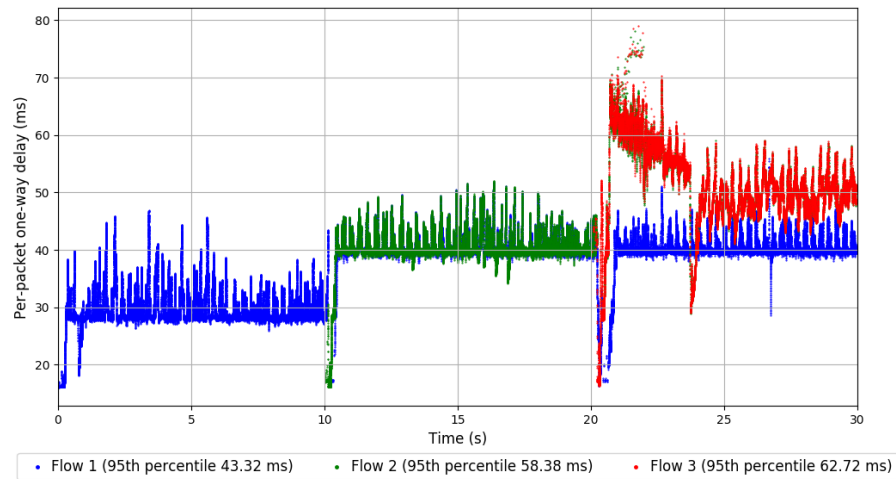
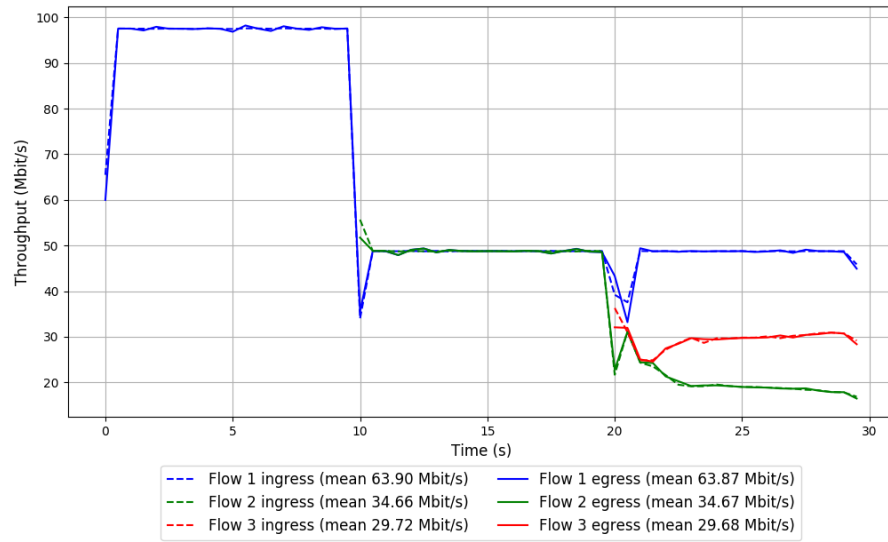


Run 9: Statistics of TCP BBR

Start at: 2017-09-18 02:44:15  
End at: 2017-09-18 02:44:45  
Local clock offset: -2.984 ms  
Remote clock offset: -3.114 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.78 Mbit/s  
95th percentile per-packet one-way delay: 54.141 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 63.87 Mbit/s  
95th percentile per-packet one-way delay: 43.324 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 34.67 Mbit/s  
95th percentile per-packet one-way delay: 58.385 ms  
Loss rate: 0.16%  
-- Flow 3:  
Average throughput: 29.68 Mbit/s  
95th percentile per-packet one-way delay: 62.724 ms  
Loss rate: 0.66%

# Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

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

End at: 2017-09-18 03:13:02

Local clock offset: -3.286 ms

Remote clock offset: -3.67 ms

# Below is generated by plot.py at 2017-09-18 06:57:02

# Datalink statistics

-- Total of 3 flows:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 51.420 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 59.19 Mbit/s

95th percentile per-packet one-way delay: 51.316 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 41.61 Mbit/s

95th percentile per-packet one-way delay: 51.368 ms

Loss rate: 0.25%

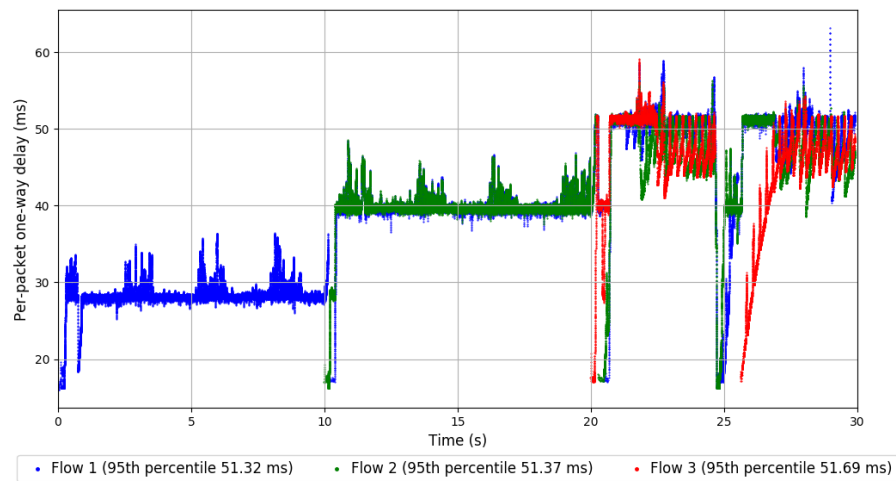
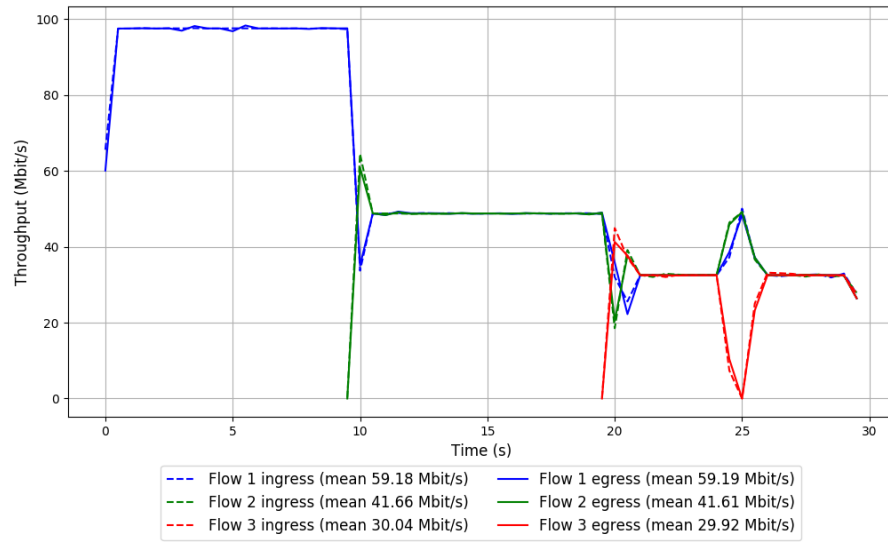
-- Flow 3:

Average throughput: 29.92 Mbit/s

95th percentile per-packet one-way delay: 51.692 ms

Loss rate: 0.69%

# Run 10: Report of TCP BBR — Data Link

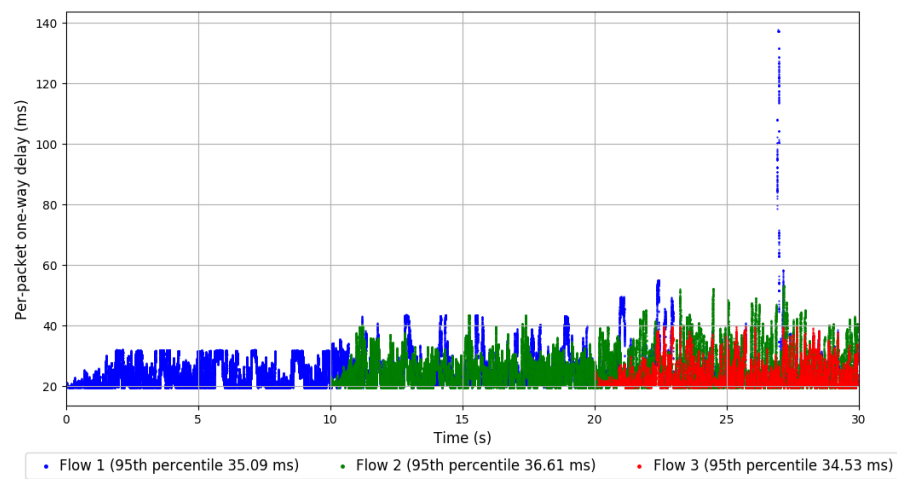
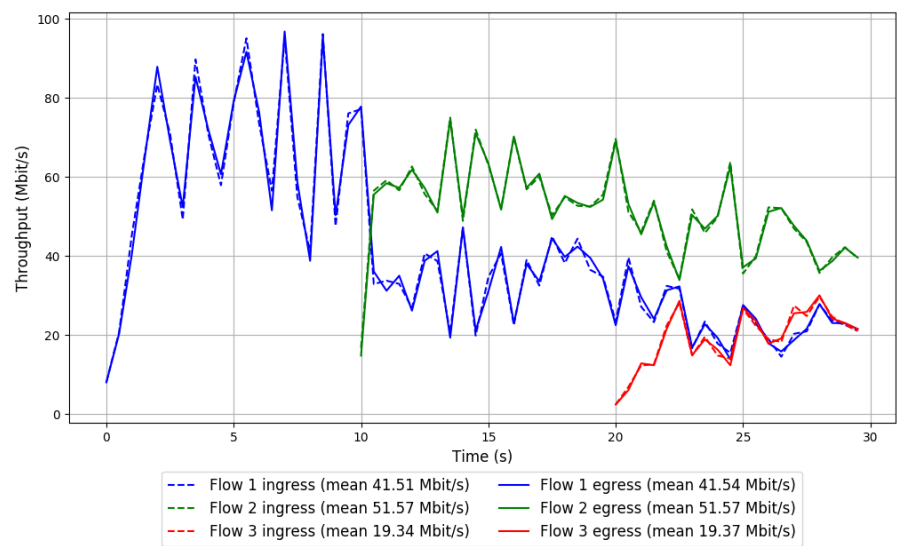


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 23:40:37  
End at: 2017-09-17 23:41:07  
Local clock offset: -2.487 ms  
Remote clock offset: -3.243 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 82.29 Mbit/s  
95th percentile per-packet one-way delay: 35.814 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 41.54 Mbit/s  
95th percentile per-packet one-way delay: 35.094 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 51.57 Mbit/s  
95th percentile per-packet one-way delay: 36.610 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 19.37 Mbit/s  
95th percentile per-packet one-way delay: 34.533 ms  
Loss rate: 0.17%

Run 1: Report of CalibratedKoho — Data Link



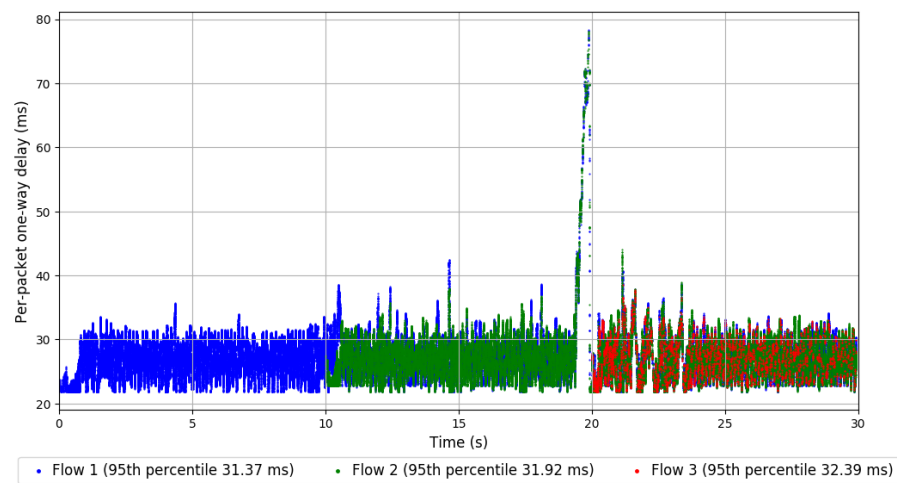
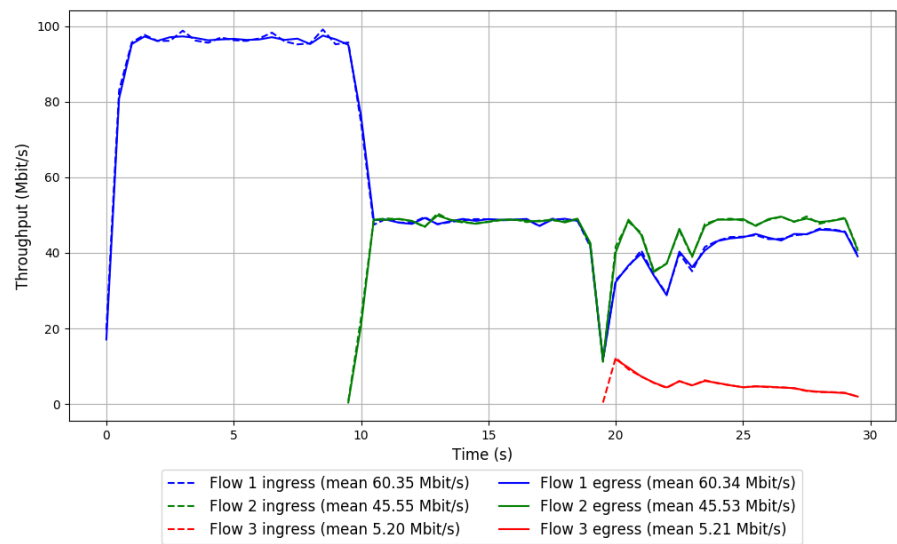
Run 2: Statistics of CalibratedKoho

Start at: 2017-09-18 00:01:15  
End at: 2017-09-18 00:01:45  
Local clock offset: -0.127 ms  
Remote clock offset: -3.707 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 92.42 Mbit/s  
95th percentile per-packet one-way delay: 31.588 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 60.34 Mbit/s  
95th percentile per-packet one-way delay: 31.367 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 45.53 Mbit/s  
95th percentile per-packet one-way delay: 31.917 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 5.21 Mbit/s  
95th percentile per-packet one-way delay: 32.392 ms  
Loss rate: 0.16%



Run 2: Report of CalibratedKoho — Data Link

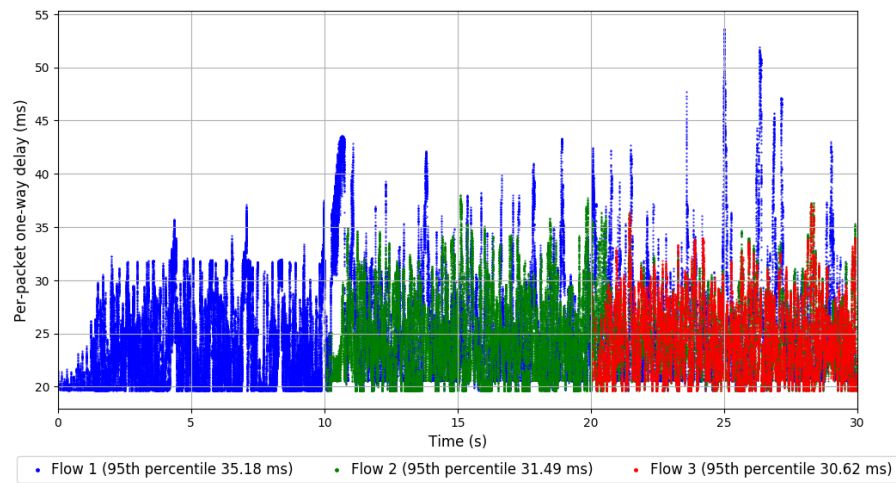
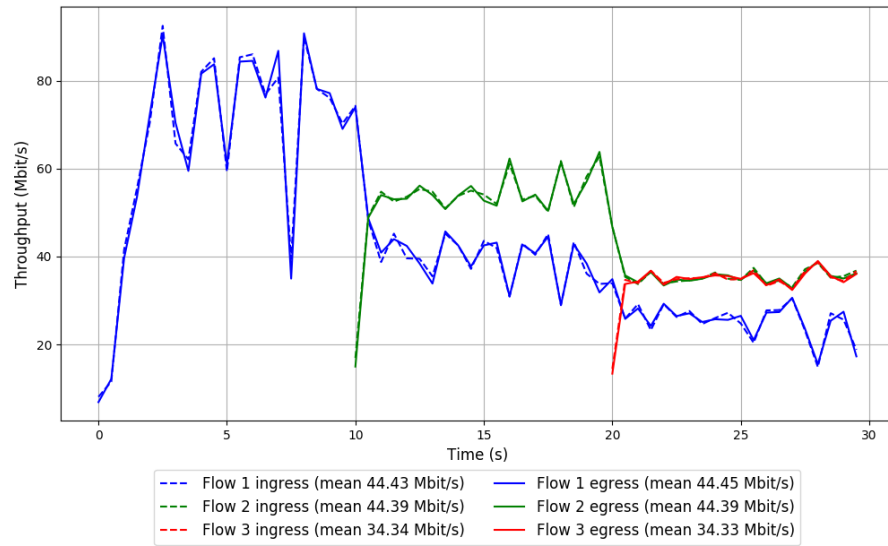


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 00:21:47  
End at: 2017-09-18 00:22:17  
Local clock offset: -0.85 ms  
Remote clock offset: -2.589 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 85.36 Mbit/s  
95th percentile per-packet one-way delay: 32.911 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 44.45 Mbit/s  
95th percentile per-packet one-way delay: 35.181 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 44.39 Mbit/s  
95th percentile per-packet one-way delay: 31.492 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 34.33 Mbit/s  
95th percentile per-packet one-way delay: 30.621 ms  
Loss rate: 0.38%

### Run 3: Report of CalibratedKoho — Data Link

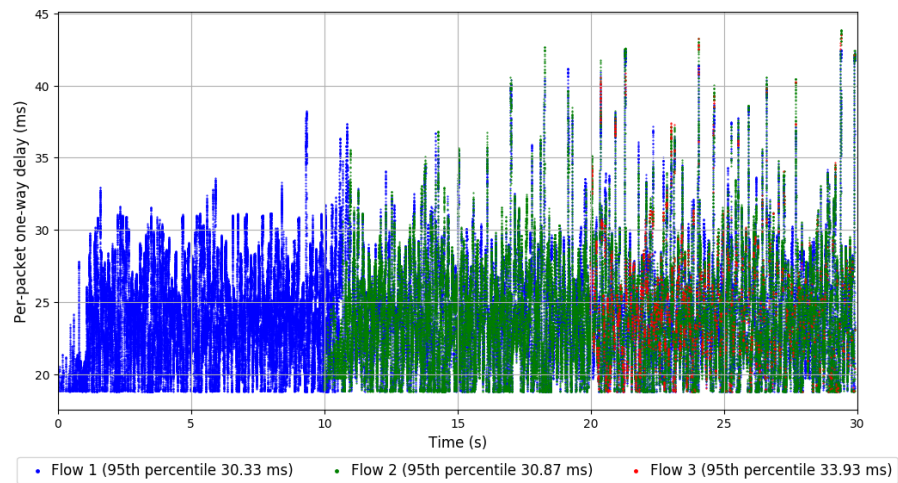
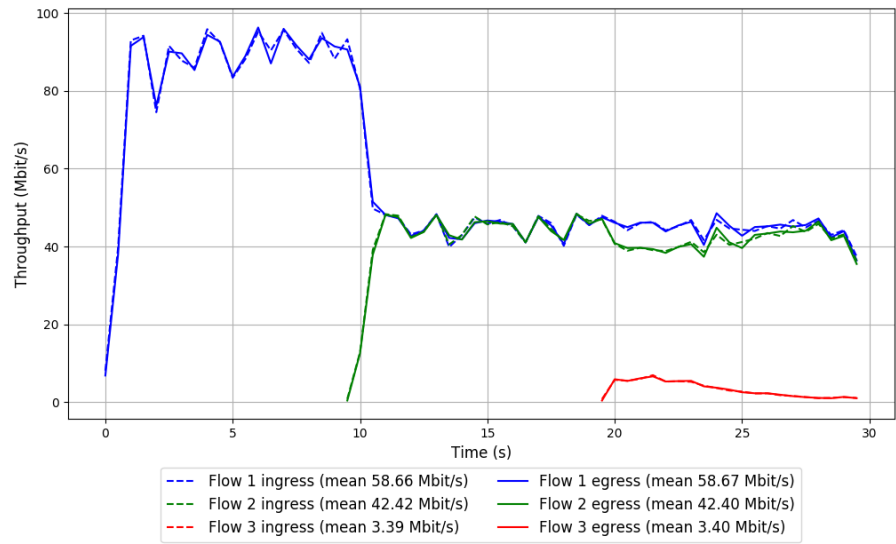


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 00:42:57  
End at: 2017-09-18 00:43:27  
Local clock offset: -2.429 ms  
Remote clock offset: -4.029 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 88.09 Mbit/s  
95th percentile per-packet one-way delay: 30.500 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 58.67 Mbit/s  
95th percentile per-packet one-way delay: 30.327 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 42.40 Mbit/s  
95th percentile per-packet one-way delay: 30.868 ms  
Loss rate: 0.19%  
-- Flow 3:  
Average throughput: 3.40 Mbit/s  
95th percentile per-packet one-way delay: 33.930 ms  
Loss rate: 0.14%

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

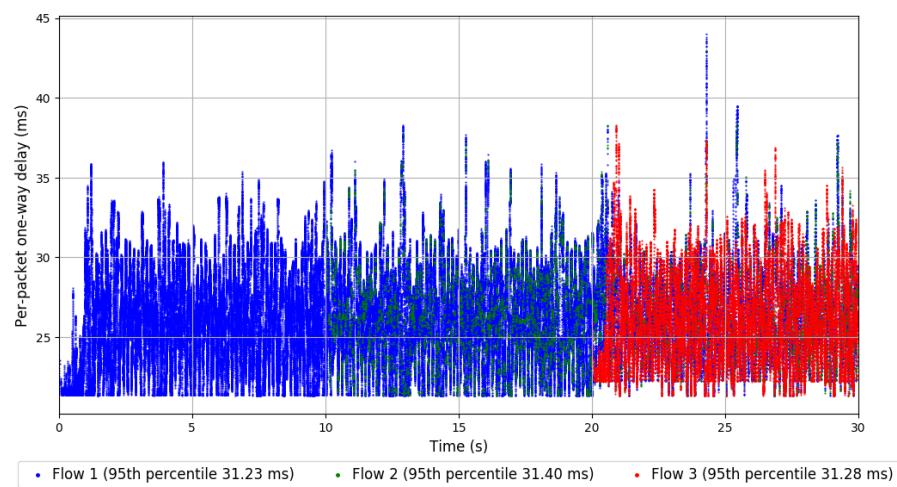
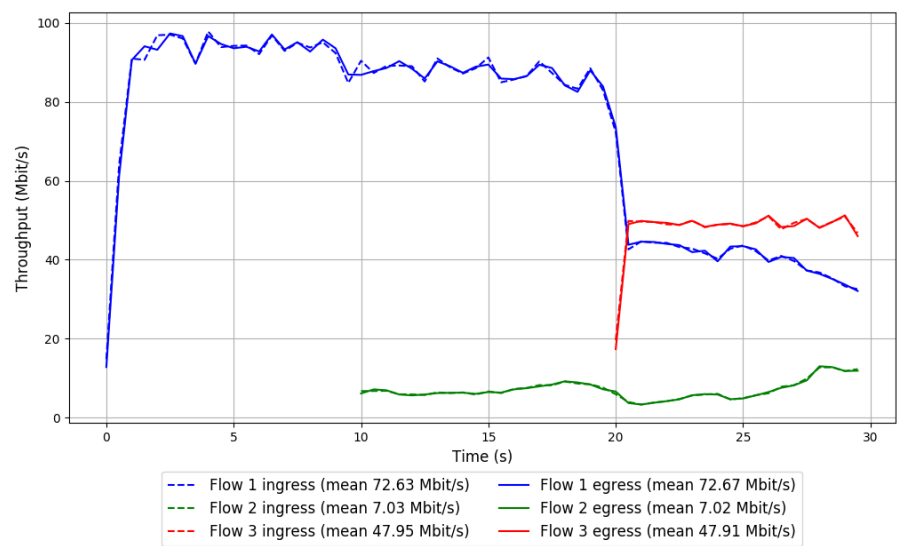


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 01:03:08  
End at: 2017-09-18 01:03:38  
Local clock offset: 1.082 ms  
Remote clock offset: -3.751 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 93.21 Mbit/s  
95th percentile per-packet one-way delay: 31.249 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 72.67 Mbit/s  
95th percentile per-packet one-way delay: 31.229 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 7.02 Mbit/s  
95th percentile per-packet one-way delay: 31.402 ms  
Loss rate: 0.33%  
-- Flow 3:  
Average throughput: 47.91 Mbit/s  
95th percentile per-packet one-way delay: 31.279 ms  
Loss rate: 0.35%

Run 5: Report of CalibratedKoho — Data Link



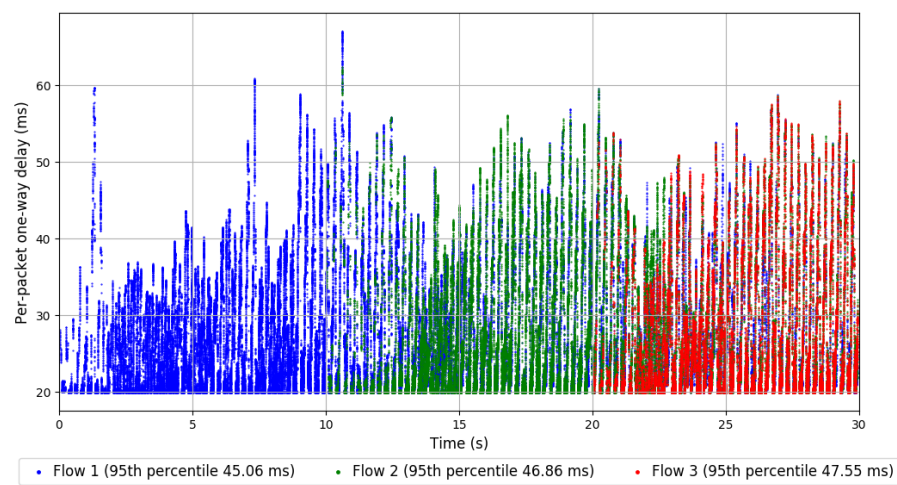
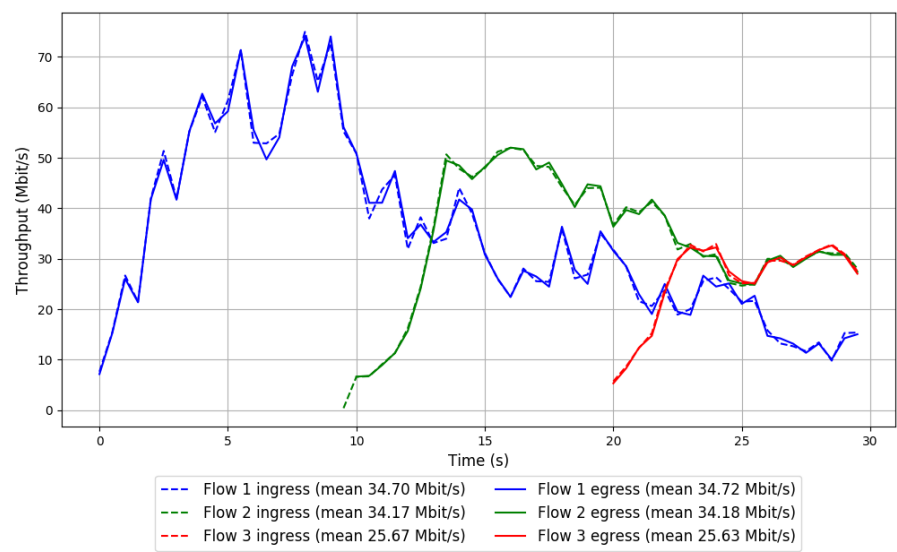
Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 01:38:42  
End at: 2017-09-18 01:39:12  
Local clock offset: 0.278 ms  
Remote clock offset: -3.513 ms

# Below is generated by plot.py at 2017-09-18 06:57:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 65.98 Mbit/s  
95th percentile per-packet one-way delay: 46.128 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 34.72 Mbit/s  
95th percentile per-packet one-way delay: 45.065 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 34.18 Mbit/s  
95th percentile per-packet one-way delay: 46.858 ms  
Loss rate: 0.19%  
-- Flow 3:  
Average throughput: 25.63 Mbit/s  
95th percentile per-packet one-way delay: 47.546 ms  
Loss rate: 0.47%



Run 6: Report of CalibratedKoho — Data Link

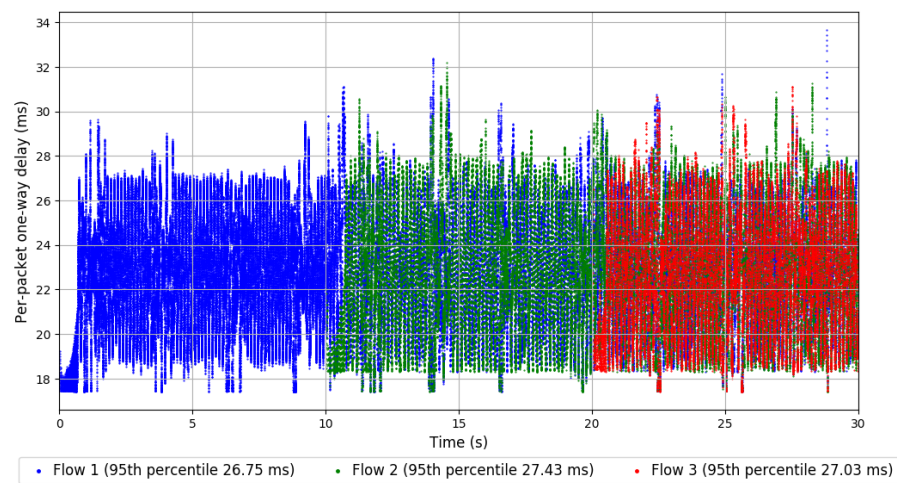
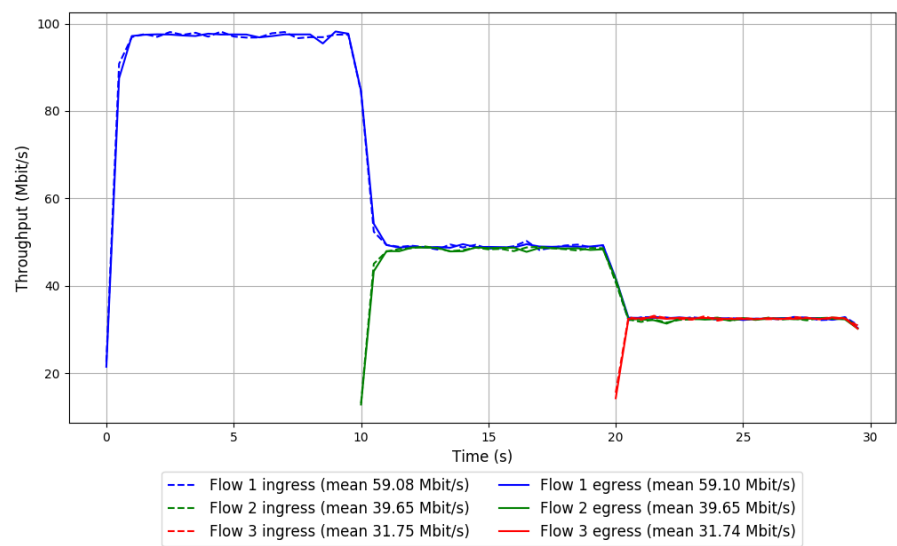


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 02:01:54  
End at: 2017-09-18 02:02:24  
Local clock offset: -2.432 ms  
Remote clock offset: -3.843 ms

# Below is generated by plot.py at 2017-09-18 06:57:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.00 Mbit/s  
95th percentile per-packet one-way delay: 26.996 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 59.10 Mbit/s  
95th percentile per-packet one-way delay: 26.755 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 39.65 Mbit/s  
95th percentile per-packet one-way delay: 27.434 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 31.74 Mbit/s  
95th percentile per-packet one-way delay: 27.030 ms  
Loss rate: 0.34%

Run 7: Report of CalibratedKoho — Data Link

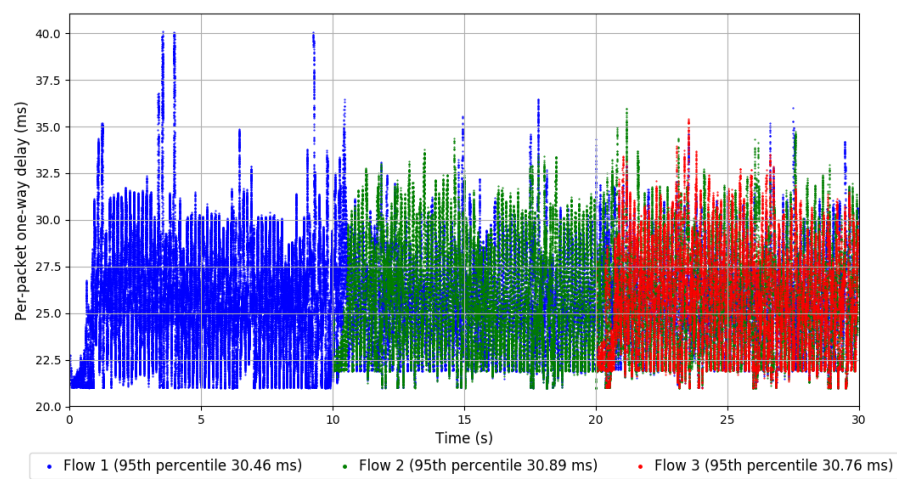
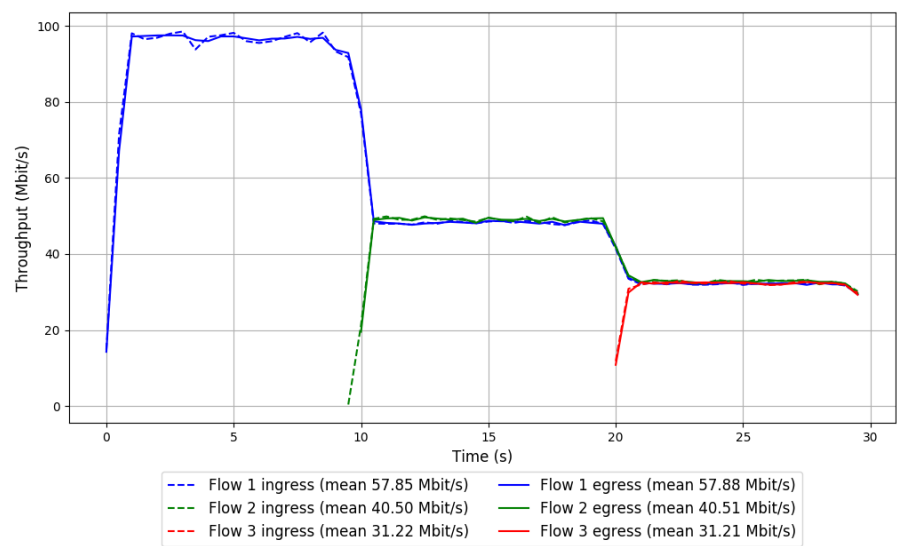


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 02:22:55  
End at: 2017-09-18 02:23:25  
Local clock offset: 0.91 ms  
Remote clock offset: -4.123 ms

# Below is generated by plot.py at 2017-09-18 06:58:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.21 Mbit/s  
95th percentile per-packet one-way delay: 30.636 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 57.88 Mbit/s  
95th percentile per-packet one-way delay: 30.458 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 40.51 Mbit/s  
95th percentile per-packet one-way delay: 30.888 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 31.21 Mbit/s  
95th percentile per-packet one-way delay: 30.756 ms  
Loss rate: 0.31%

Run 8: Report of CalibratedKoho — Data Link

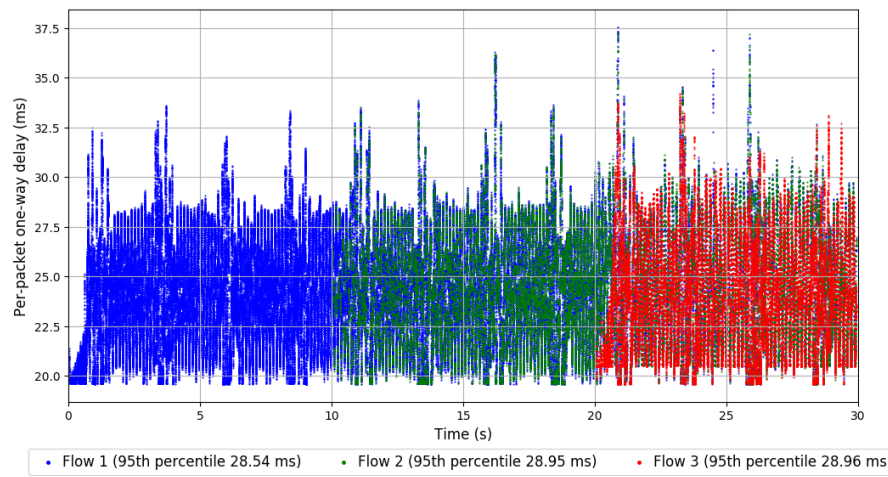
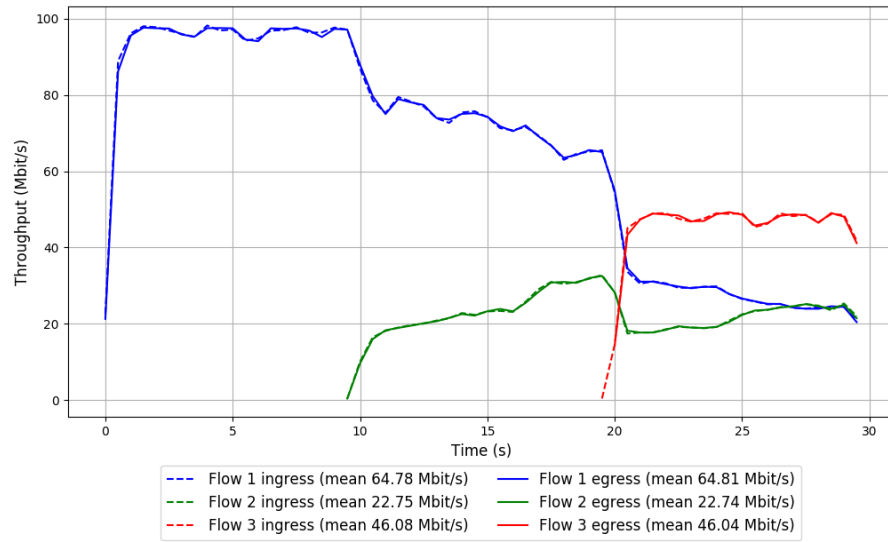


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 03:01:31  
End at: 2017-09-18 03:02:01  
Local clock offset: -3.053 ms  
Remote clock offset: -6.885 ms

# Below is generated by plot.py at 2017-09-18 06:58:17  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.24 Mbit/s  
95th percentile per-packet one-way delay: 28.701 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 64.81 Mbit/s  
95th percentile per-packet one-way delay: 28.542 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 22.74 Mbit/s  
95th percentile per-packet one-way delay: 28.951 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 46.04 Mbit/s  
95th percentile per-packet one-way delay: 28.963 ms  
Loss rate: 0.36%

## Run 9: Report of CalibratedKoho — Data Link



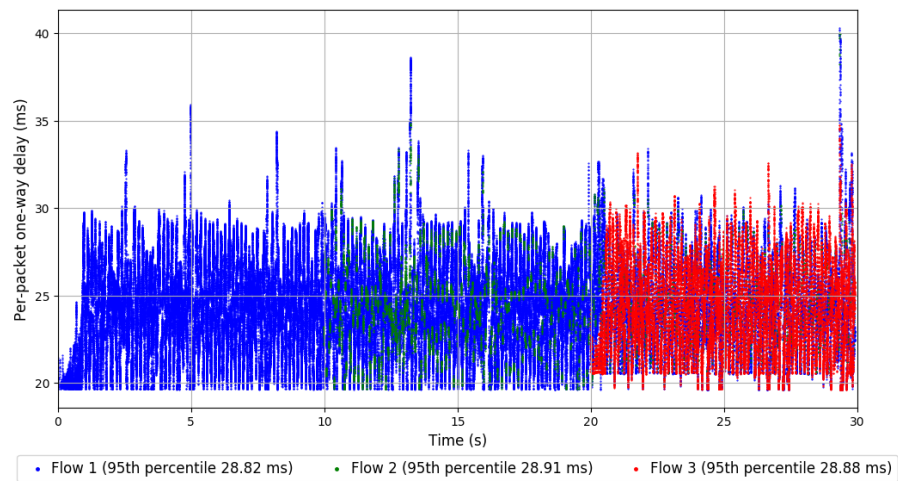
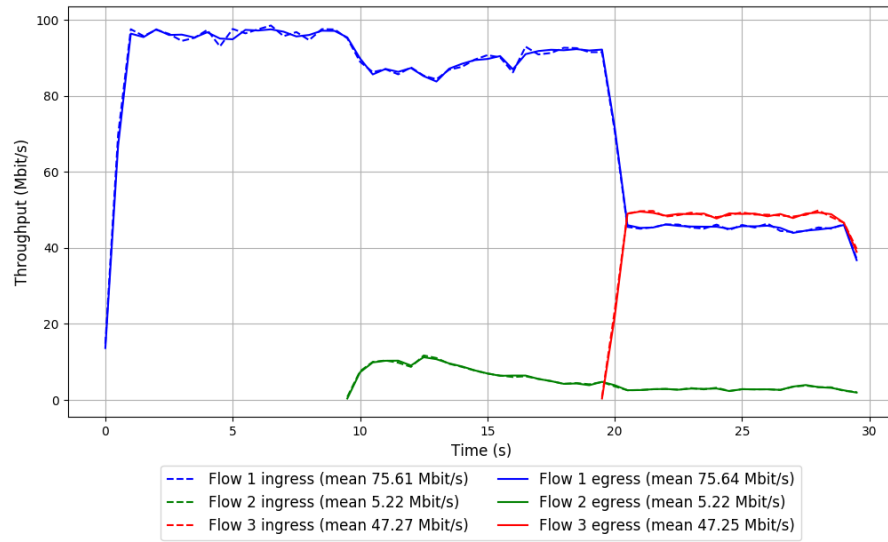
Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 03:23:36  
End at: 2017-09-18 03:24:06  
Local clock offset: -0.465 ms  
Remote clock offset: -4.332 ms

# Below is generated by plot.py at 2017-09-18 06:58:19  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 94.81 Mbit/s  
95th percentile per-packet one-way delay: 28.832 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 75.64 Mbit/s  
95th percentile per-packet one-way delay: 28.819 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 5.22 Mbit/s  
95th percentile per-packet one-way delay: 28.915 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 47.25 Mbit/s  
95th percentile per-packet one-way delay: 28.878 ms  
Loss rate: 0.32%



## Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-17 23:34:24

End at: 2017-09-17 23:34:54

Local clock offset: -0.237 ms

Remote clock offset: -2.35 ms

# Below is generated by plot.py at 2017-09-18 06:58:28

# Datalink statistics

-- Total of 3 flows:

Average throughput: 60.39 Mbit/s

95th percentile per-packet one-way delay: 22.108 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 41.38 Mbit/s

95th percentile per-packet one-way delay: 21.854 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 9.36 Mbit/s

95th percentile per-packet one-way delay: 22.339 ms

Loss rate: 0.06%

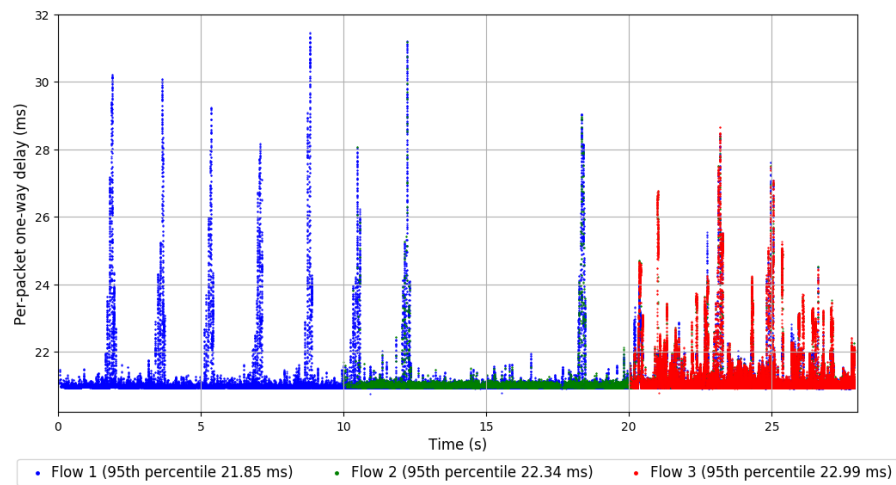
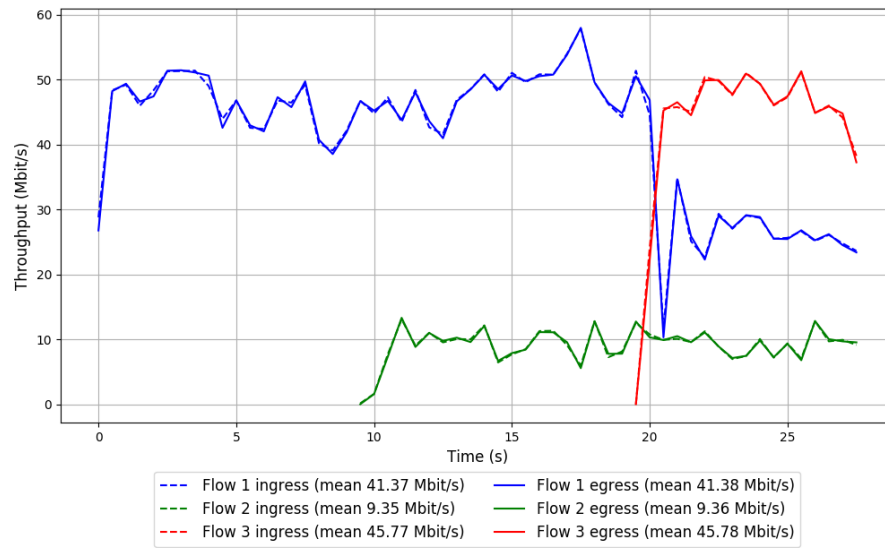
-- Flow 3:

Average throughput: 45.78 Mbit/s

95th percentile per-packet one-way delay: 22.992 ms

Loss rate: 0.32%

# Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-09-17 23:54:19

End at: 2017-09-17 23:54:49

Local clock offset: -3.206 ms

Remote clock offset: -2.369 ms

Run 2: Report of Copa — Data Link

Figure is missing

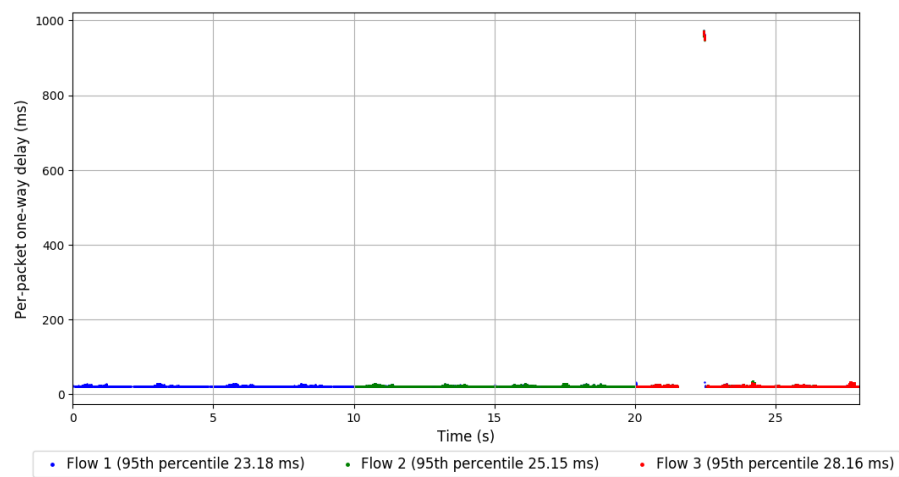
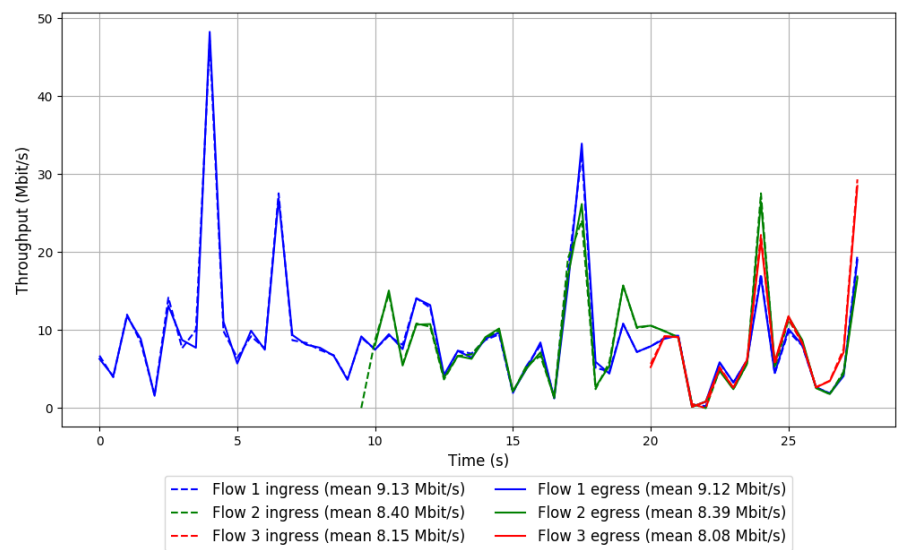
Figure is missing

Run 3: Statistics of Copa

Start at: 2017-09-18 00:14:53  
End at: 2017-09-18 00:15:23  
Local clock offset: -0.544 ms  
Remote clock offset: -3.689 ms

# Below is generated by plot.py at 2017-09-18 06:58:28  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 16.80 Mbit/s  
95th percentile per-packet one-way delay: 24.501 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 9.12 Mbit/s  
95th percentile per-packet one-way delay: 23.179 ms  
Loss rate: 0.19%  
-- Flow 2:  
Average throughput: 8.39 Mbit/s  
95th percentile per-packet one-way delay: 25.153 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 8.08 Mbit/s  
95th percentile per-packet one-way delay: 28.155 ms  
Loss rate: 1.14%

Run 3: Report of Copa — Data Link



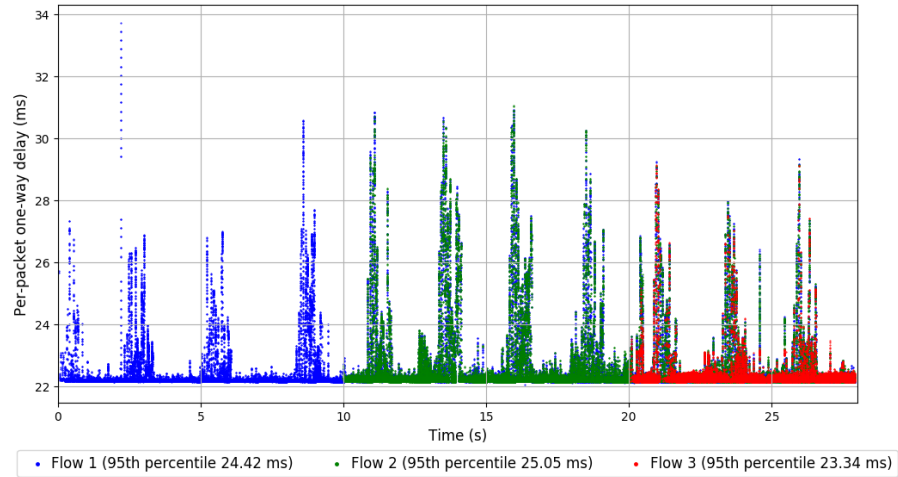
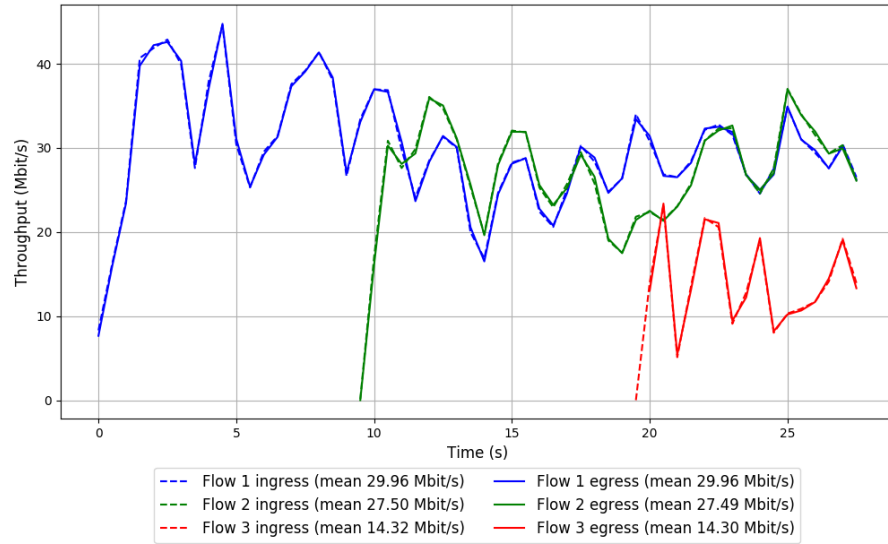
Run 4: Statistics of Copa

Start at: 2017-09-18 00:35:57  
End at: 2017-09-18 00:36:27  
Local clock offset: 1.103 ms  
Remote clock offset: -3.559 ms

# Below is generated by plot.py at 2017-09-18 06:58:28  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 51.69 Mbit/s  
95th percentile per-packet one-way delay: 24.552 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 29.96 Mbit/s  
95th percentile per-packet one-way delay: 24.420 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 27.49 Mbit/s  
95th percentile per-packet one-way delay: 25.047 ms  
Loss rate: 0.18%  
-- Flow 3:  
Average throughput: 14.30 Mbit/s  
95th percentile per-packet one-way delay: 23.336 ms  
Loss rate: 0.48%



# Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

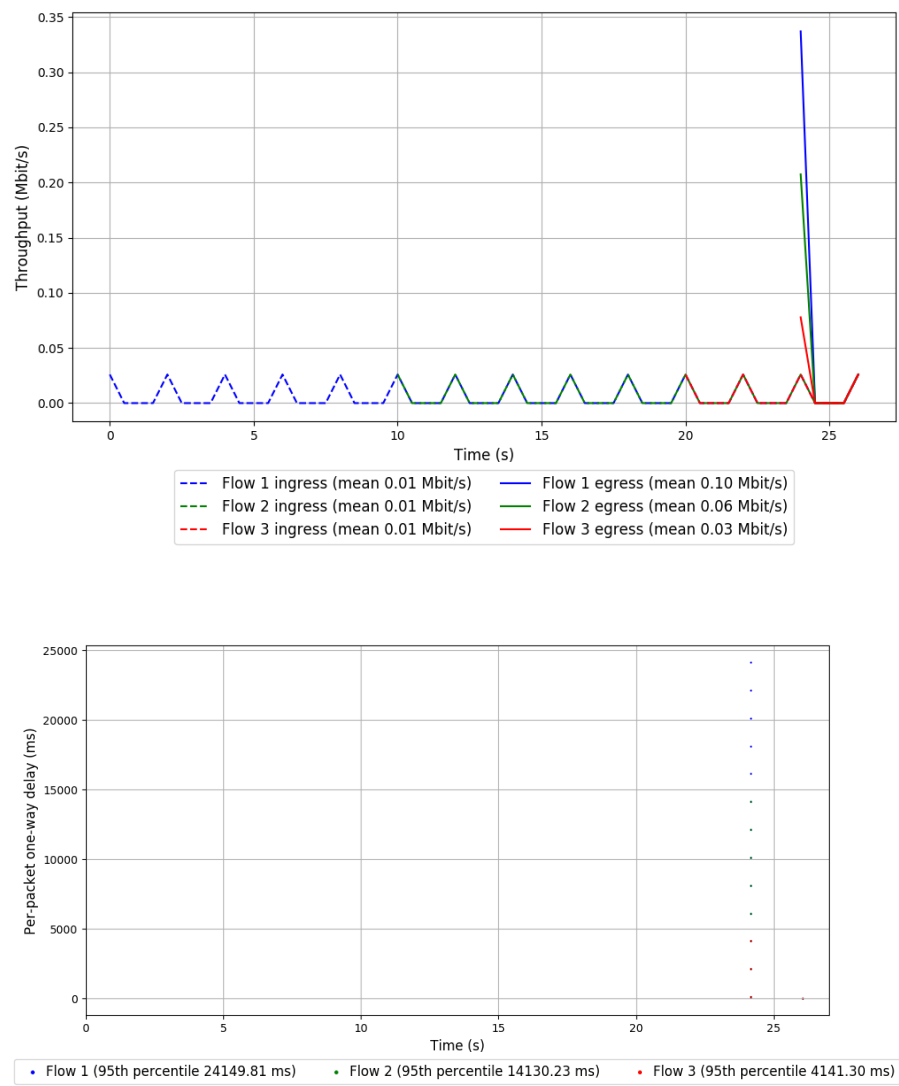
Start at: 2017-09-18 00:56:24

End at: 2017-09-18 00:56:54

Local clock offset: 0.381 ms

Remote clock offset: -3.474 ms

Run 5: Report of Copa — Data Link

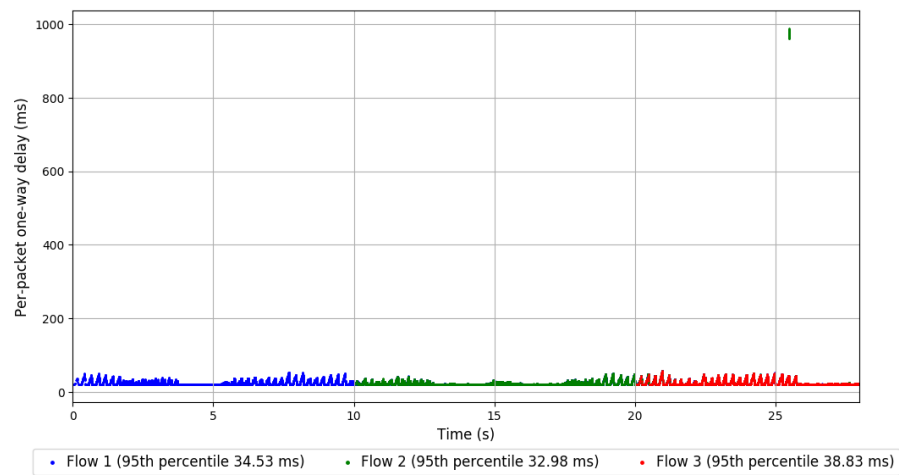
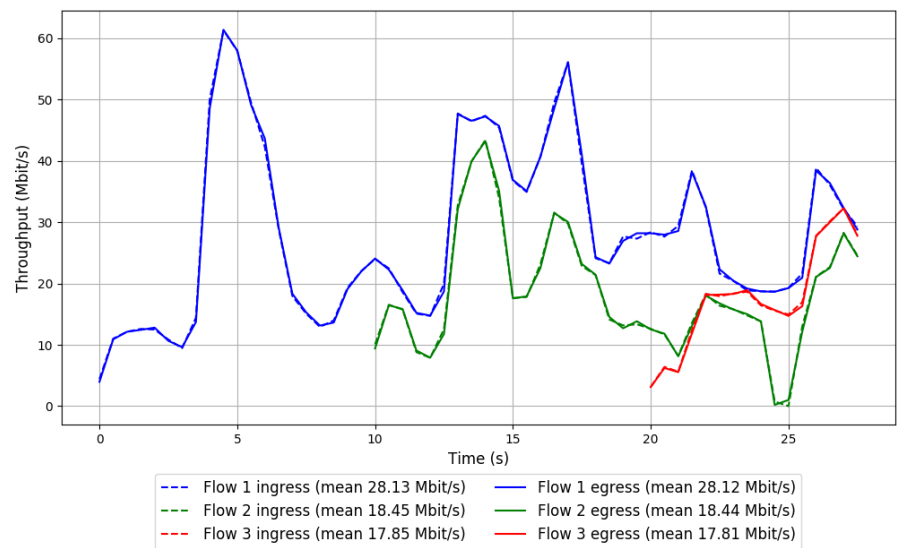


Run 6: Statistics of Copa

Start at: 2017-09-18 01:16:35  
End at: 2017-09-18 01:17:05  
Local clock offset: 1.339 ms  
Remote clock offset: -3.047 ms

# Below is generated by plot.py at 2017-09-18 06:58:28  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 44.99 Mbit/s  
95th percentile per-packet one-way delay: 34.737 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 28.12 Mbit/s  
95th percentile per-packet one-way delay: 34.535 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 18.44 Mbit/s  
95th percentile per-packet one-way delay: 32.981 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 17.81 Mbit/s  
95th percentile per-packet one-way delay: 38.829 ms  
Loss rate: 0.55%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

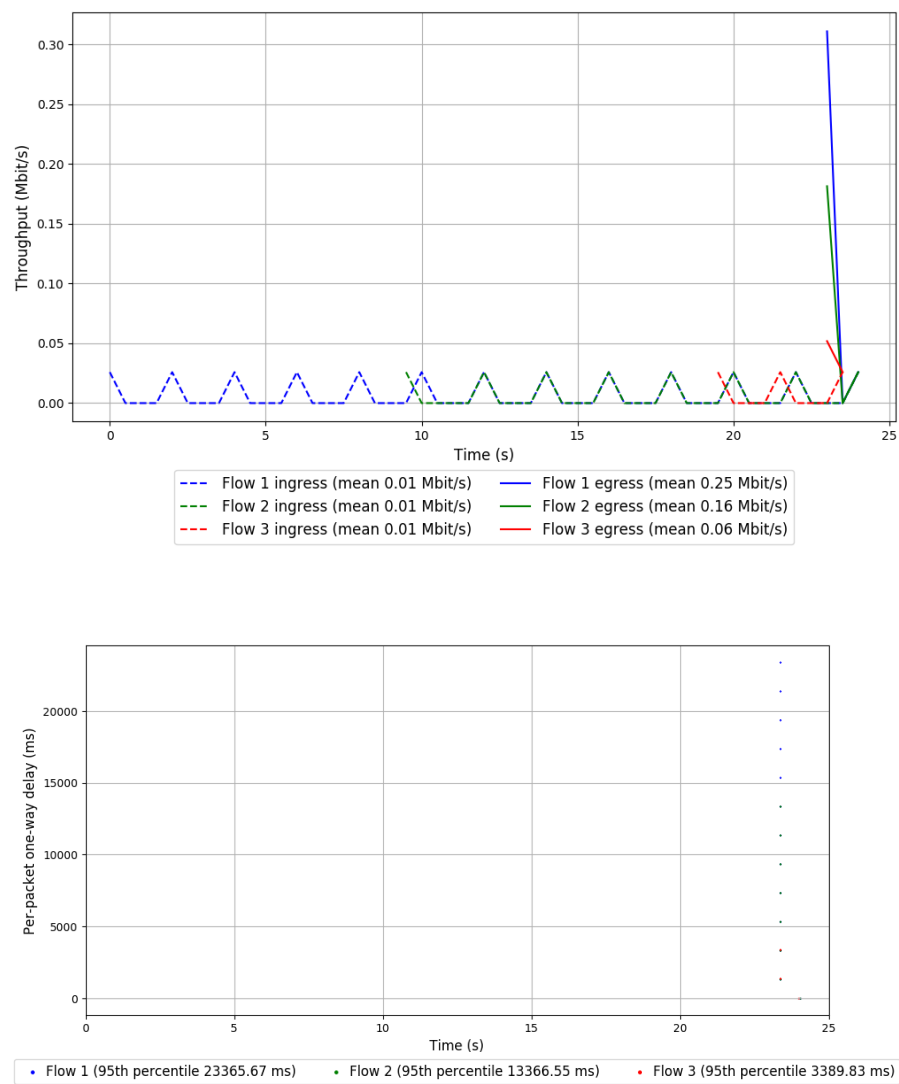
Start at: 2017-09-18 01:55:24

End at: 2017-09-18 01:55:54

Local clock offset: -0.335 ms

Remote clock offset: -2.956 ms

Run 7: Report of Copa — Data Link



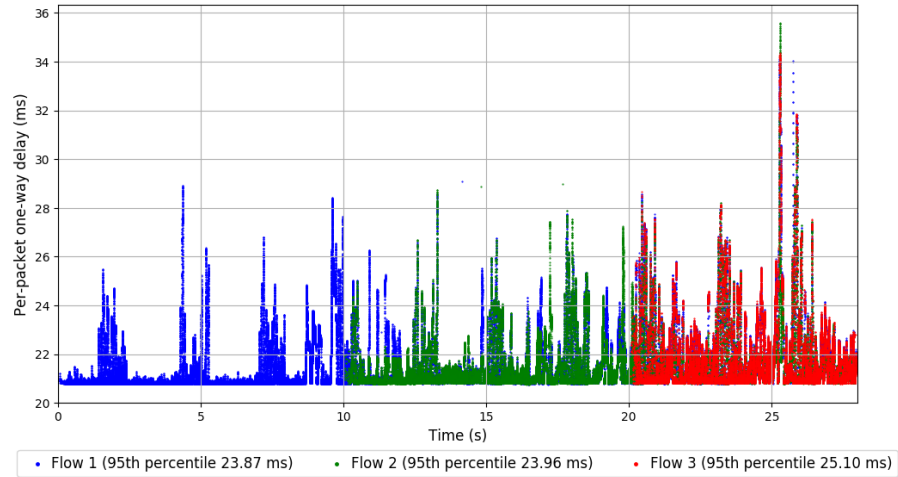
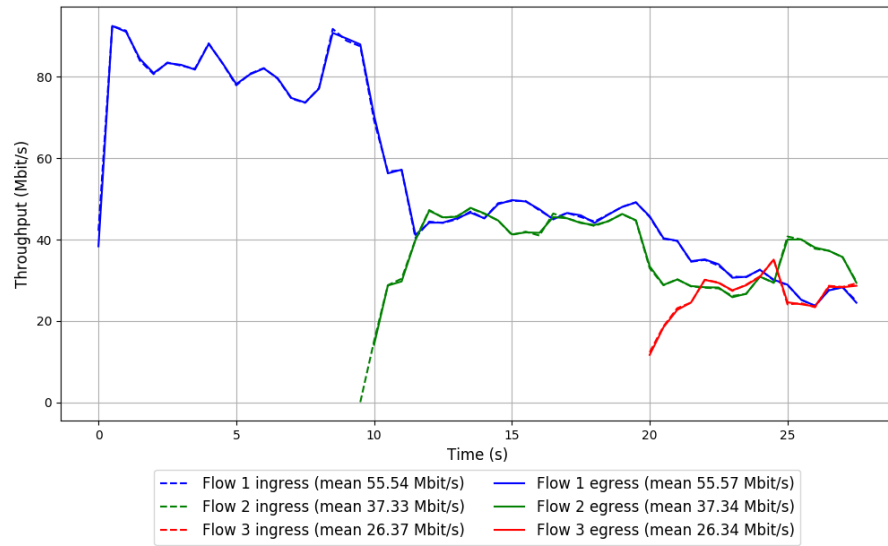
Run 8: Statistics of Copa

Start at: 2017-09-18 02:15:44  
End at: 2017-09-18 02:16:14  
Local clock offset: 0.452 ms  
Remote clock offset: -4.327 ms

# Below is generated by plot.py at 2017-09-18 06:59:34  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 86.99 Mbit/s  
95th percentile per-packet one-way delay: 24.047 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 55.57 Mbit/s  
95th percentile per-packet one-way delay: 23.872 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 37.34 Mbit/s  
95th percentile per-packet one-way delay: 23.960 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 26.34 Mbit/s  
95th percentile per-packet one-way delay: 25.100 ms  
Loss rate: 0.46%



## Run 8: Report of Copa — Data Link

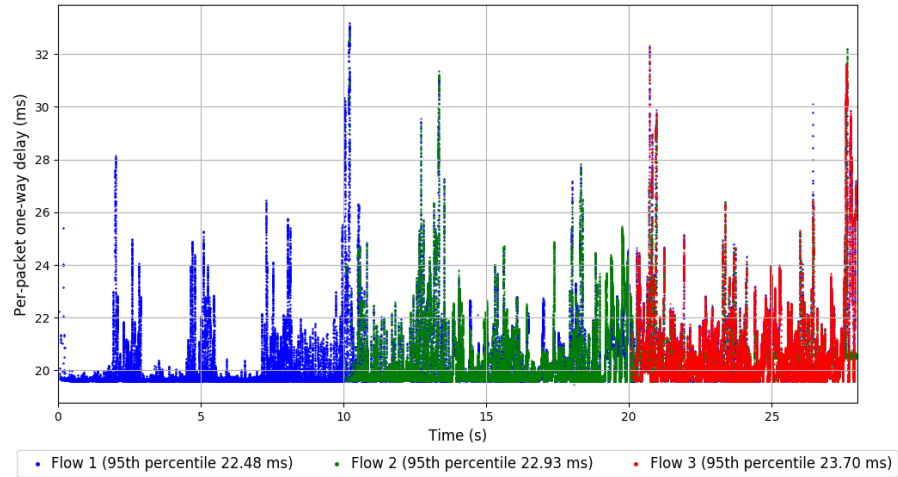
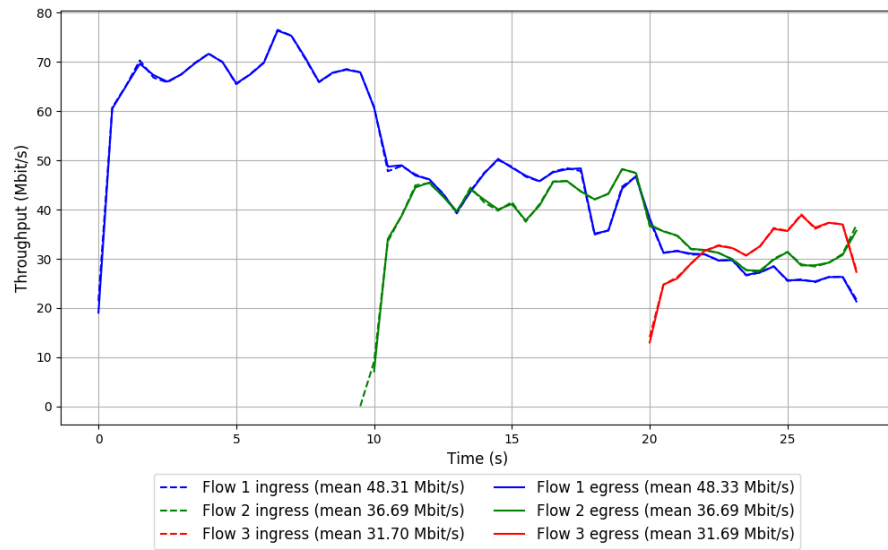


Run 9: Statistics of Copa

Start at: 2017-09-18 02:54:22  
End at: 2017-09-18 02:54:52  
Local clock offset: -0.975 ms  
Remote clock offset: -4.676 ms

# Below is generated by plot.py at 2017-09-18 07:00:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 80.85 Mbit/s  
95th percentile per-packet one-way delay: 22.807 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 48.33 Mbit/s  
95th percentile per-packet one-way delay: 22.482 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 36.69 Mbit/s  
95th percentile per-packet one-way delay: 22.932 ms  
Loss rate: 0.19%  
-- Flow 3:  
Average throughput: 31.69 Mbit/s  
95th percentile per-packet one-way delay: 23.696 ms  
Loss rate: 0.38%

## Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-18 03:15:38

End at: 2017-09-18 03:16:08

Local clock offset: 0.203 ms

Remote clock offset: -5.33 ms

# Below is generated by plot.py at 2017-09-18 07:00:08

# Datalink statistics

-- Total of 3 flows:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 24.291 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 54.42 Mbit/s

95th percentile per-packet one-way delay: 24.260 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 39.67 Mbit/s

95th percentile per-packet one-way delay: 24.356 ms

Loss rate: 0.13%

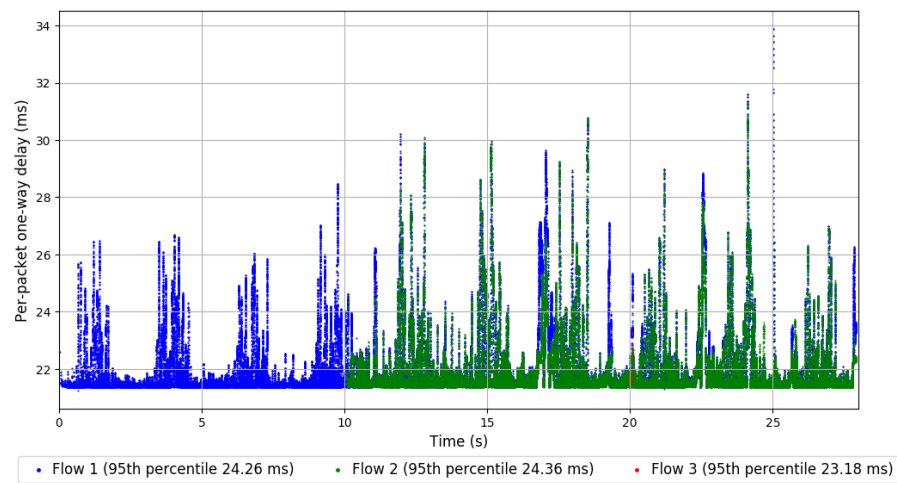
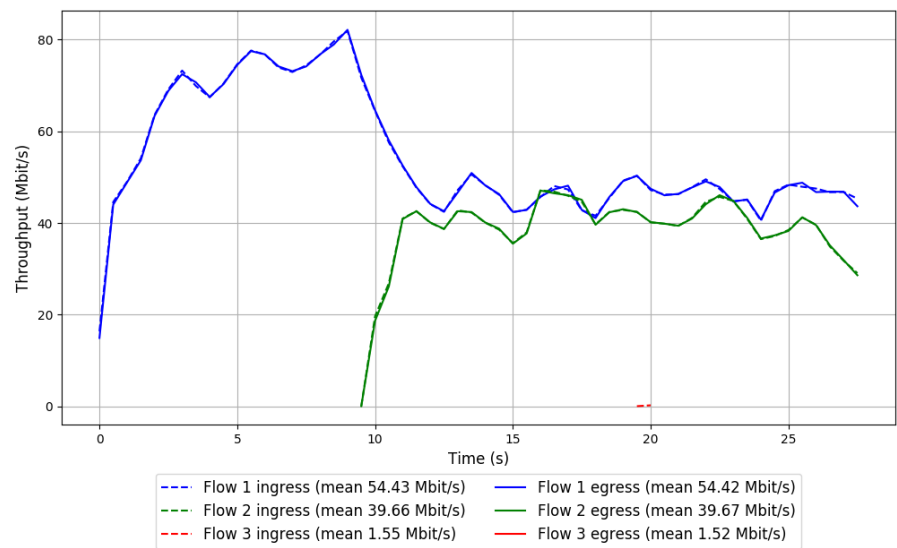
-- Flow 3:

Average throughput: 1.52 Mbit/s

95th percentile per-packet one-way delay: 23.182 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

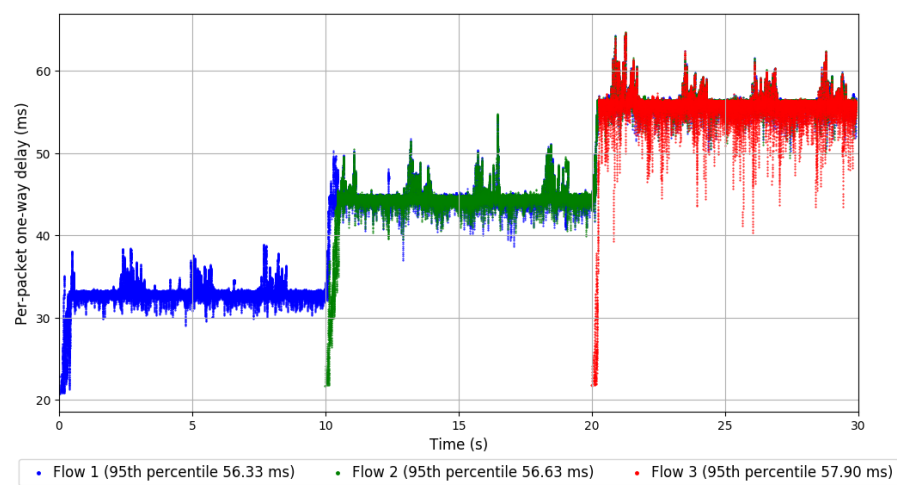
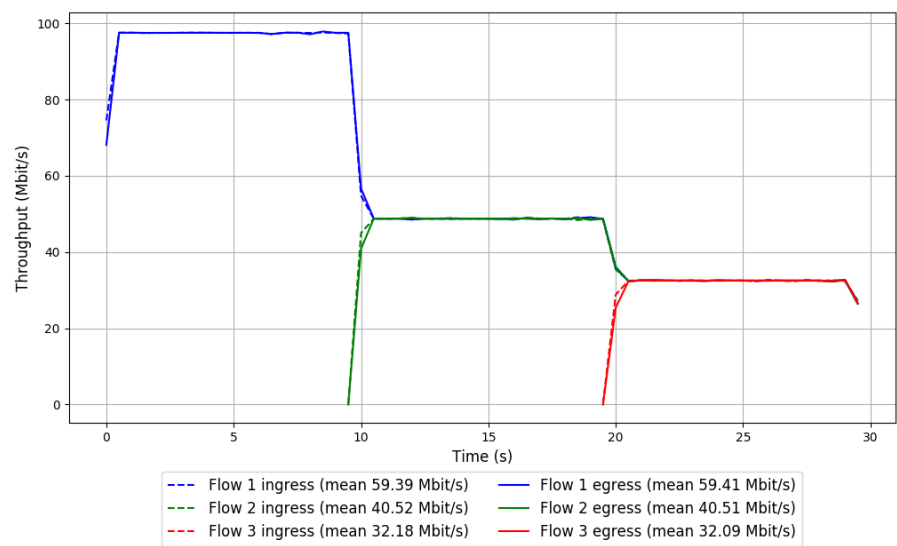


Run 1: Statistics of TCP Cubic

Start at: 2017-09-17 23:41:56  
End at: 2017-09-17 23:42:26  
Local clock offset: -0.759 ms  
Remote clock offset: -3.016 ms

# Below is generated by plot.py at 2017-09-18 07:00:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 56.432 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 59.41 Mbit/s  
95th percentile per-packet one-way delay: 56.326 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 40.51 Mbit/s  
95th percentile per-packet one-way delay: 56.627 ms  
Loss rate: 0.27%  
-- Flow 3:  
Average throughput: 32.09 Mbit/s  
95th percentile per-packet one-way delay: 57.896 ms  
Loss rate: 0.63%

Run 1: Report of TCP Cubic — Data Link



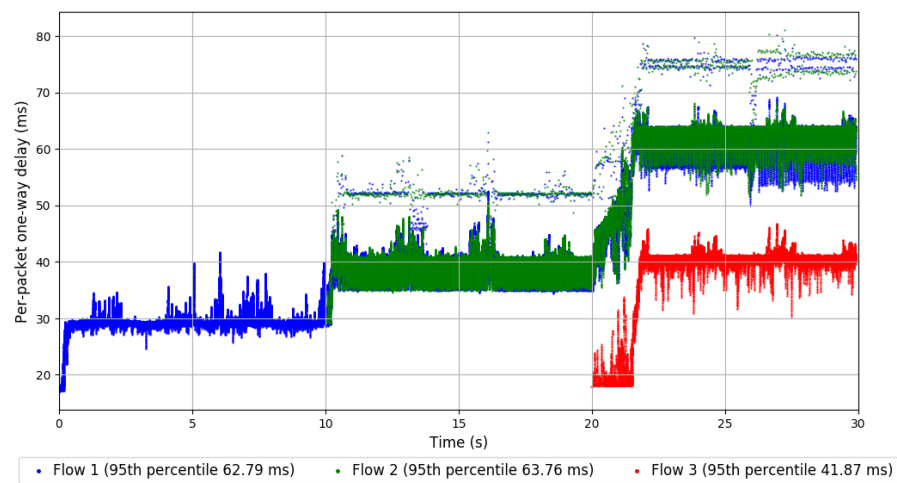
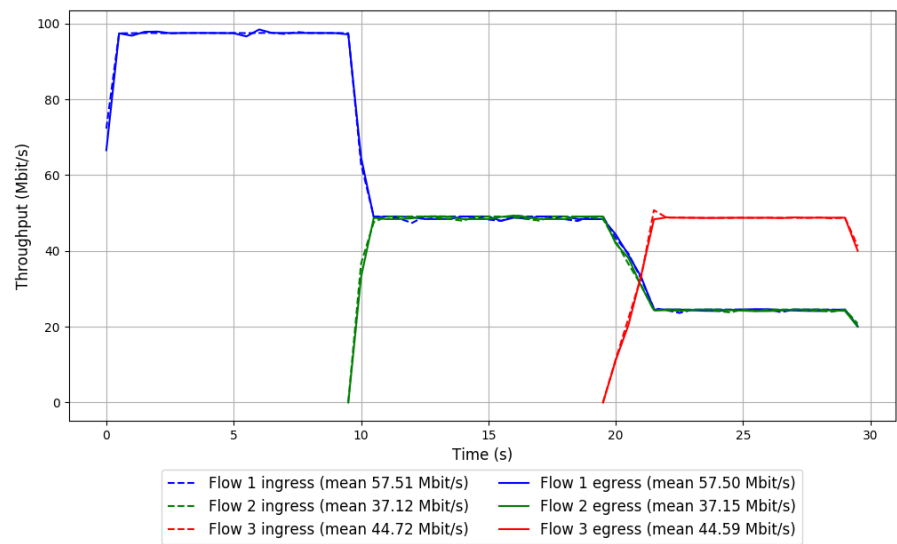
Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 00:02:39  
End at: 2017-09-18 00:03:09  
Local clock offset: -3.648 ms  
Remote clock offset: -2.487 ms

# Below is generated by plot.py at 2017-09-18 07:00:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 63.391 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 57.50 Mbit/s  
95th percentile per-packet one-way delay: 62.790 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 37.15 Mbit/s  
95th percentile per-packet one-way delay: 63.761 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 44.59 Mbit/s  
95th percentile per-packet one-way delay: 41.873 ms  
Loss rate: 0.56%



Run 2: Report of TCP Cubic — Data Link

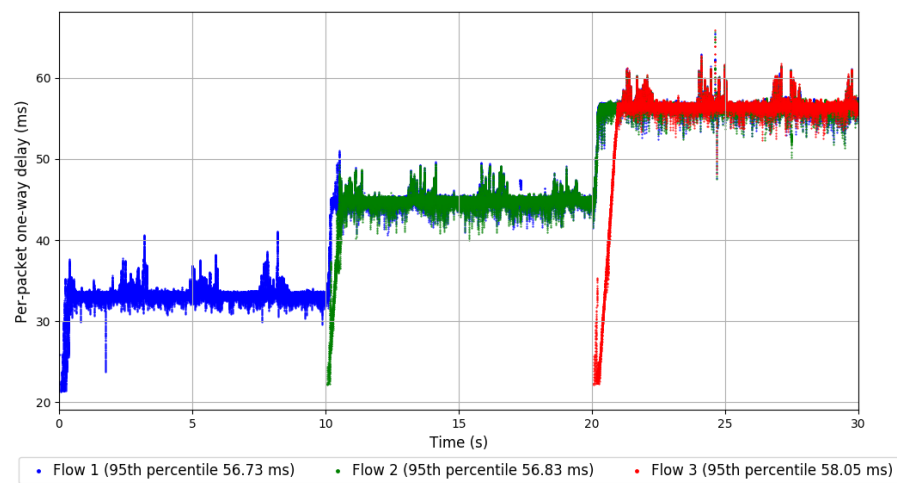
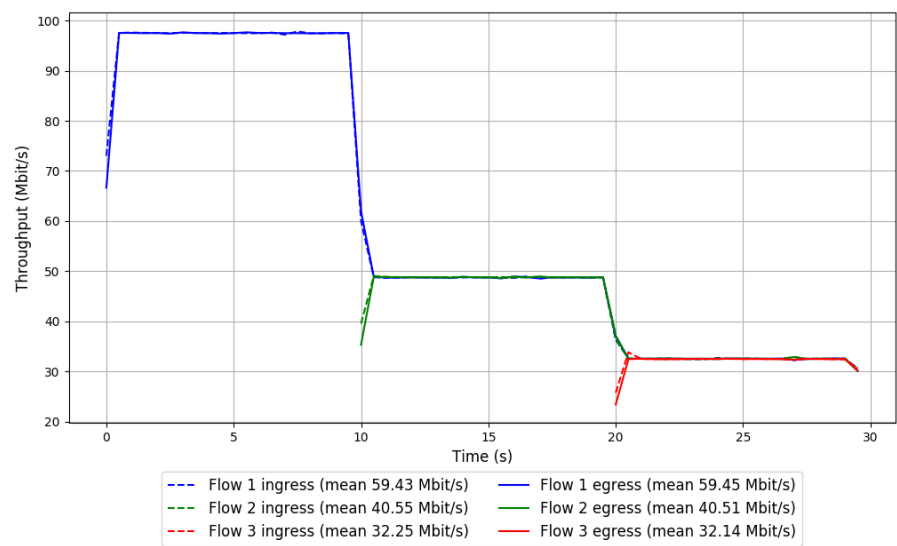


Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 00:23:13  
End at: 2017-09-18 00:23:43  
Local clock offset: -0.37 ms  
Remote clock offset: -3.785 ms

# Below is generated by plot.py at 2017-09-18 07:00:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.08 Mbit/s  
95th percentile per-packet one-way delay: 56.847 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 59.45 Mbit/s  
95th percentile per-packet one-way delay: 56.732 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 40.51 Mbit/s  
95th percentile per-packet one-way delay: 56.827 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 32.14 Mbit/s  
95th percentile per-packet one-way delay: 58.051 ms  
Loss rate: 0.64%

Run 3: Report of TCP Cubic — Data Link

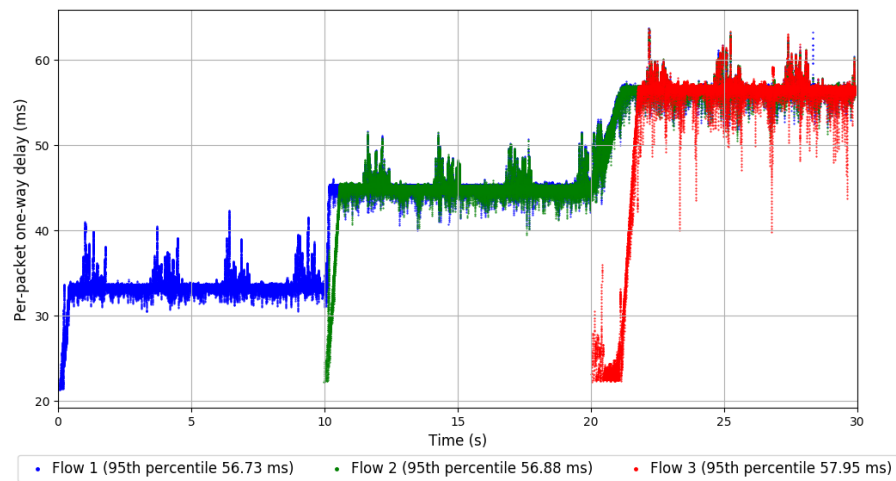
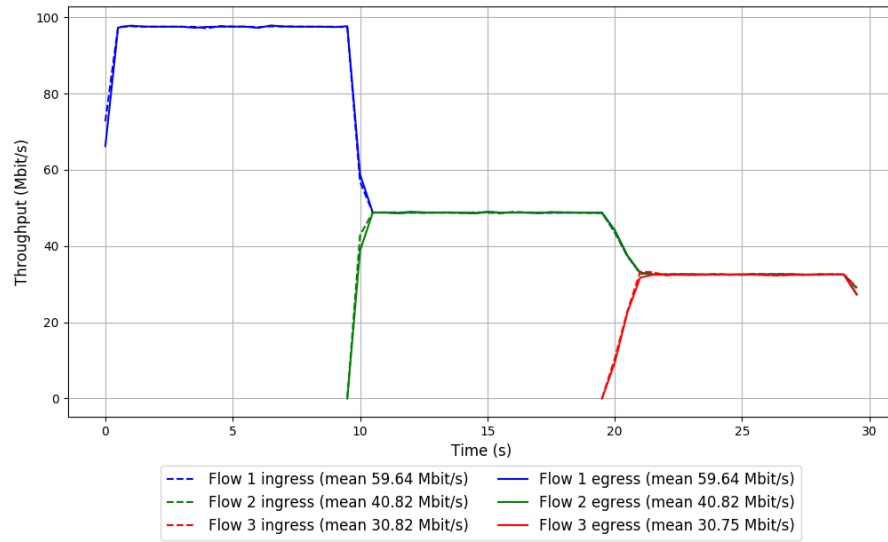


Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 00:44:21  
End at: 2017-09-18 00:44:51  
Local clock offset: -0.127 ms  
Remote clock offset: -4.372 ms

# Below is generated by plot.py at 2017-09-18 07:00:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 56.871 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 59.64 Mbit/s  
95th percentile per-packet one-way delay: 56.725 ms  
Loss rate: 0.15%  
-- Flow 2:  
Average throughput: 40.82 Mbit/s  
95th percentile per-packet one-way delay: 56.875 ms  
Loss rate: 0.32%  
-- Flow 3:  
Average throughput: 30.75 Mbit/s  
95th percentile per-packet one-way delay: 57.949 ms  
Loss rate: 0.91%

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

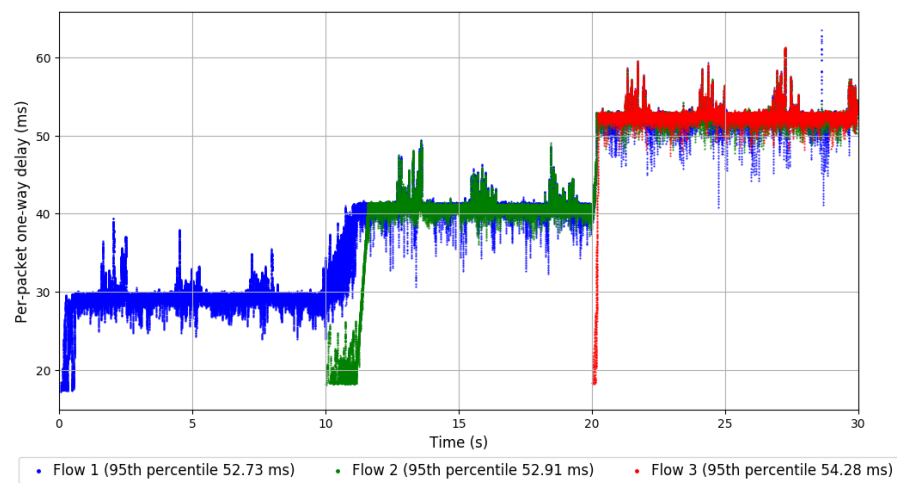
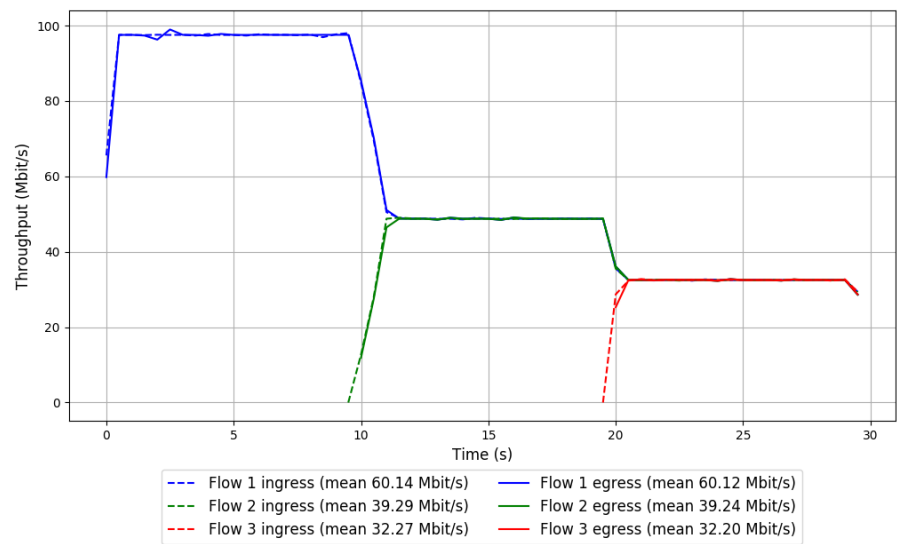


Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 01:04:33  
End at: 2017-09-18 01:05:03  
Local clock offset: -2.28 ms  
Remote clock offset: -3.148 ms

# Below is generated by plot.py at 2017-09-18 07:00:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.95 Mbit/s  
95th percentile per-packet one-way delay: 52.857 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 60.12 Mbit/s  
95th percentile per-packet one-way delay: 52.729 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 39.24 Mbit/s  
95th percentile per-packet one-way delay: 52.912 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 32.20 Mbit/s  
95th percentile per-packet one-way delay: 54.284 ms  
Loss rate: 0.64%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 01:42:04

End at: 2017-09-18 01:42:34

Local clock offset: -0.14 ms

Remote clock offset: -2.37 ms

# Below is generated by plot.py at 2017-09-18 07:00:54

# Datalink statistics

-- Total of 3 flows:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 73.799 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 52.75 Mbit/s

95th percentile per-packet one-way delay: 71.812 ms

Loss rate: 0.59%

-- Flow 2:

Average throughput: 36.28 Mbit/s

95th percentile per-packet one-way delay: 78.955 ms

Loss rate: 0.31%

-- Flow 3:

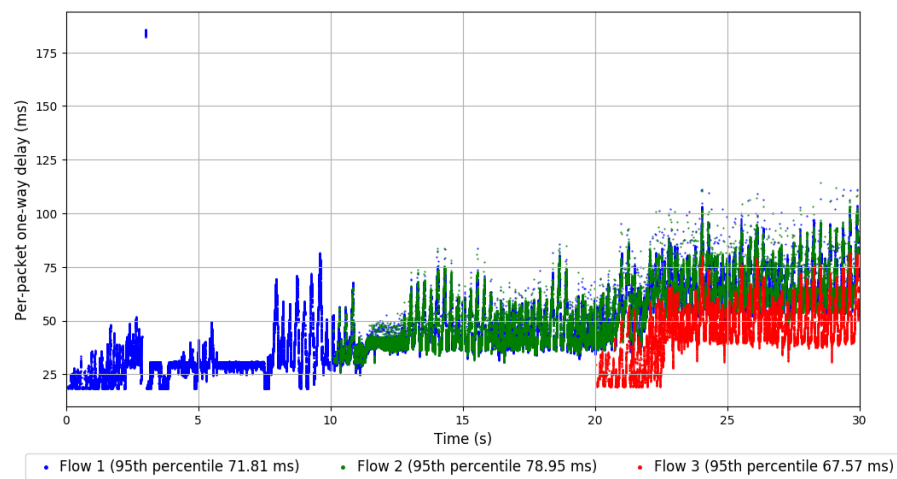
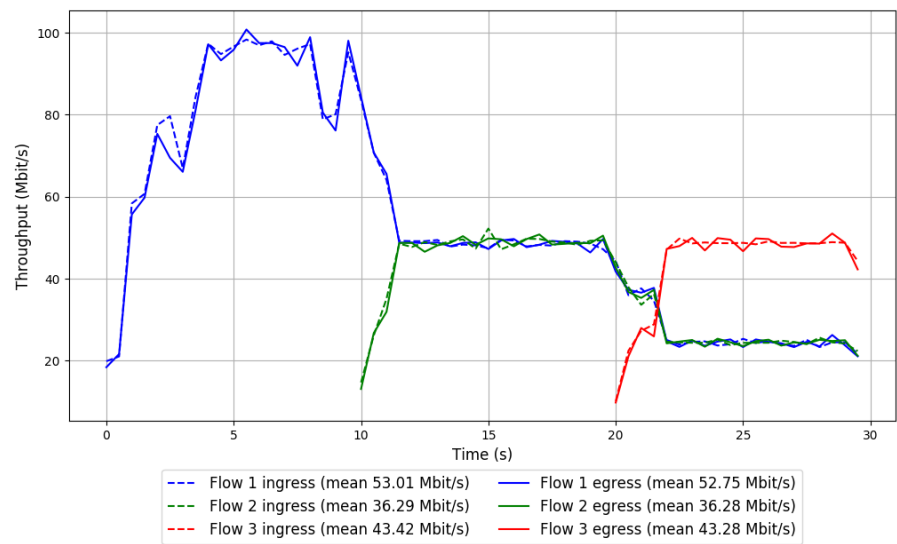
Average throughput: 43.28 Mbit/s

95th percentile per-packet one-way delay: 67.574 ms

Loss rate: 0.71%



Run 6: Report of TCP Cubic — Data Link

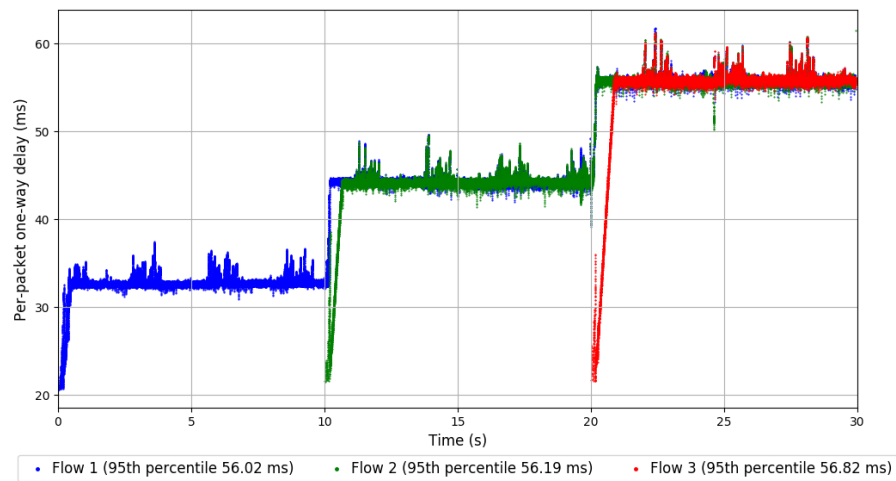
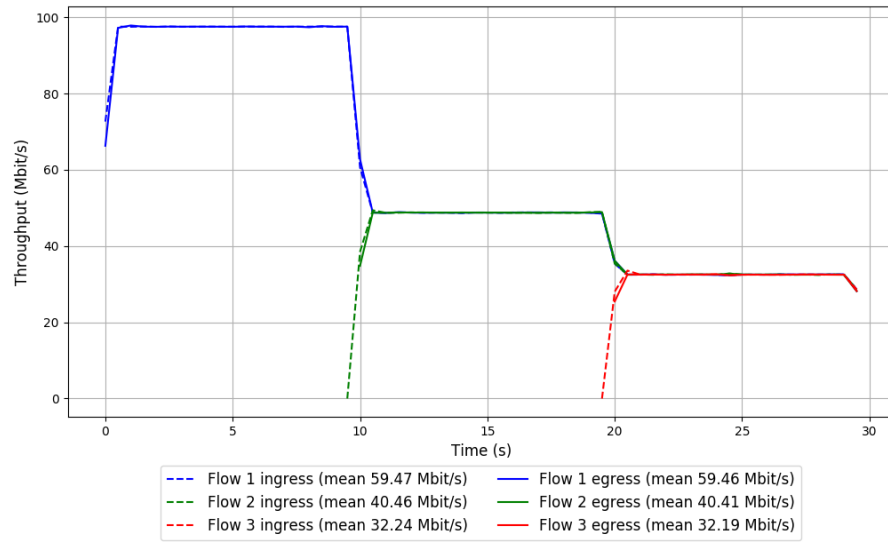


Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 02:03:29  
End at: 2017-09-18 02:03:59  
Local clock offset: 0.96 ms  
Remote clock offset: -3.745 ms

# Below is generated by plot.py at 2017-09-18 07:01:04  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.04 Mbit/s  
95th percentile per-packet one-way delay: 56.171 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 59.46 Mbit/s  
95th percentile per-packet one-way delay: 56.016 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.41 Mbit/s  
95th percentile per-packet one-way delay: 56.194 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 32.19 Mbit/s  
95th percentile per-packet one-way delay: 56.822 ms  
Loss rate: 0.64%

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

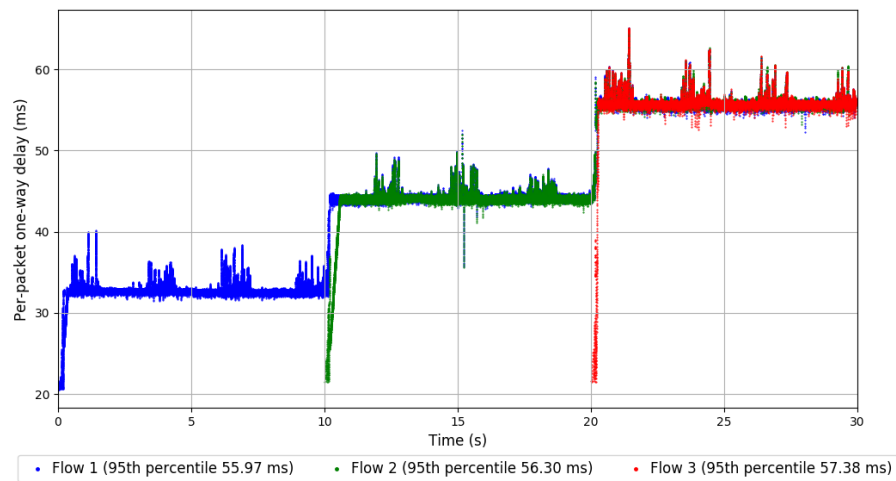
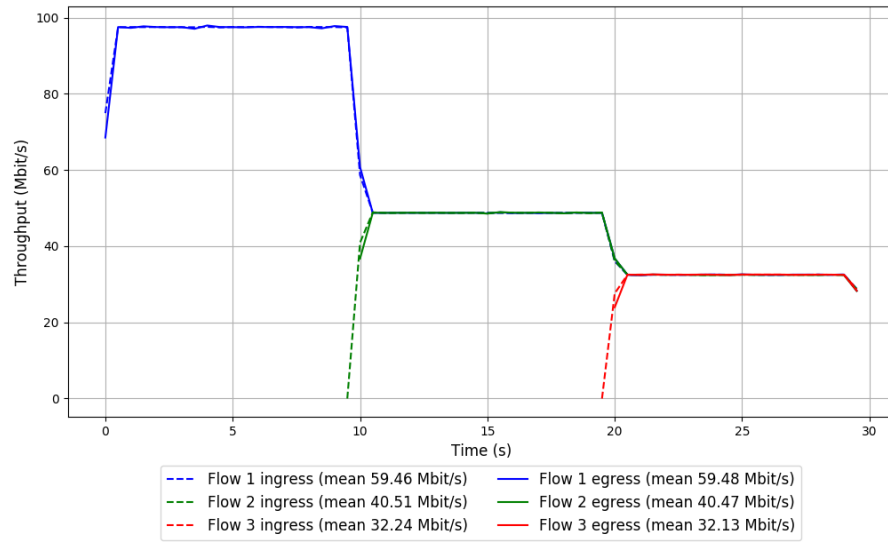


Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 02:24:23  
End at: 2017-09-18 02:24:53  
Local clock offset: 0.279 ms  
Remote clock offset: -4.384 ms

# Below is generated by plot.py at 2017-09-18 07:01:07  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: 56.158 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 59.48 Mbit/s  
95th percentile per-packet one-way delay: 55.968 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 40.47 Mbit/s  
95th percentile per-packet one-way delay: 56.300 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 32.13 Mbit/s  
95th percentile per-packet one-way delay: 57.376 ms  
Loss rate: 0.64%

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



Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 03:02:58

End at: 2017-09-18 03:03:28

Local clock offset: -0.063 ms

Remote clock offset: -5.03 ms

# Below is generated by plot.py at 2017-09-18 07:01:09

# Datalink statistics

-- Total of 3 flows:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 66.603 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 64.75 Mbit/s

95th percentile per-packet one-way delay: 46.537 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 36.56 Mbit/s

95th percentile per-packet one-way delay: 67.043 ms

Loss rate: 0.23%

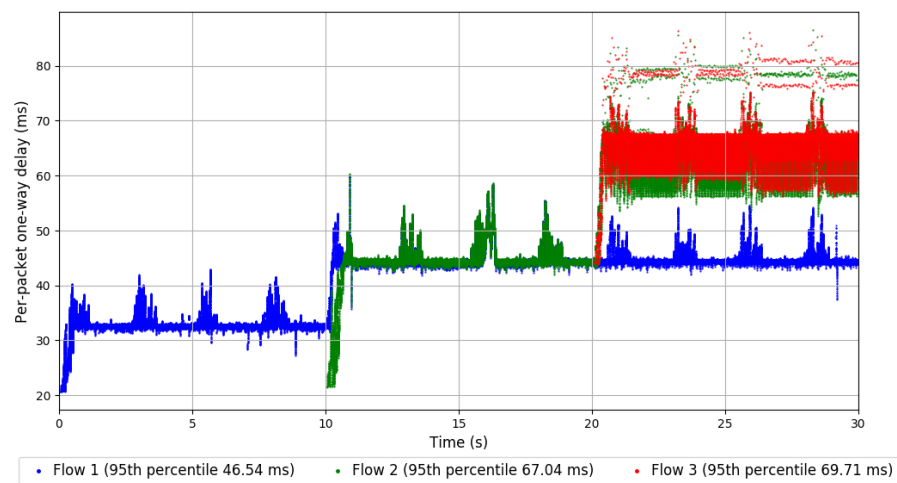
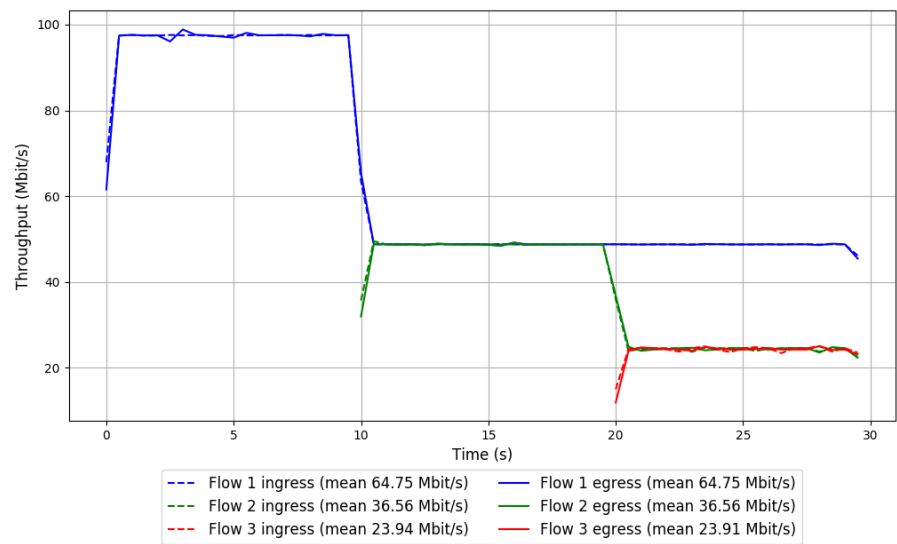
-- Flow 3:

Average throughput: 23.91 Mbit/s

95th percentile per-packet one-way delay: 69.708 ms

Loss rate: 0.73%

Run 9: Report of TCP Cubic — Data Link



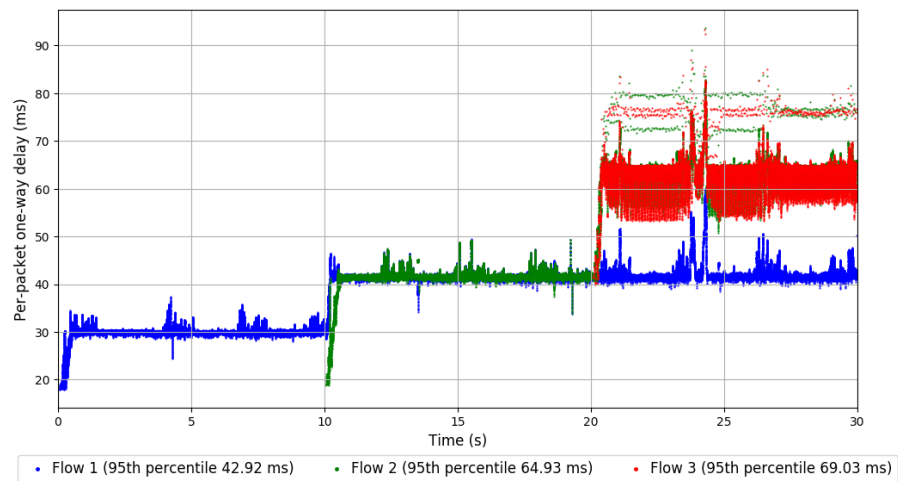
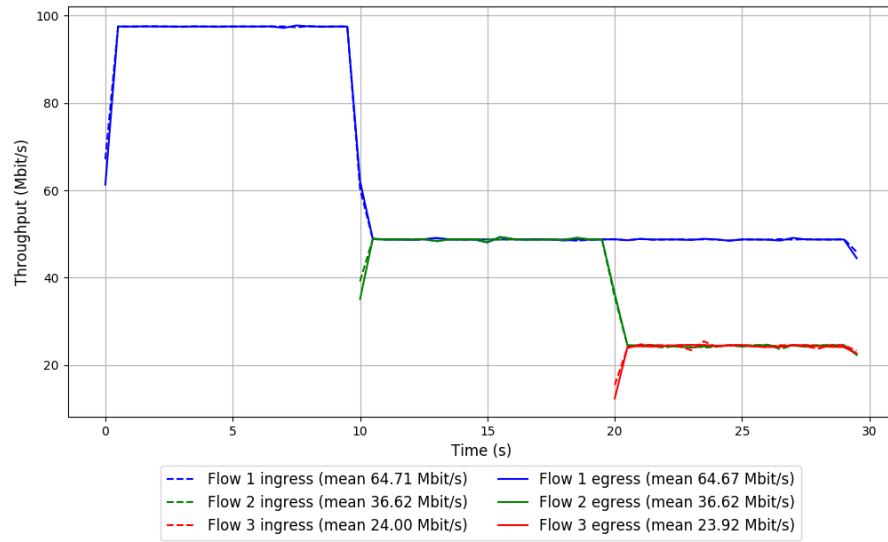
Run 10: Statistics of TCP Cubic

Start at: 2017-09-18 03:25:29  
End at: 2017-09-18 03:25:59  
Local clock offset: -2.51 ms  
Remote clock offset: -4.795 ms

# Below is generated by plot.py at 2017-09-18 07:01:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.95 Mbit/s  
95th percentile per-packet one-way delay: 64.540 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 64.67 Mbit/s  
95th percentile per-packet one-way delay: 42.922 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 36.62 Mbit/s  
95th percentile per-packet one-way delay: 64.931 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 23.92 Mbit/s  
95th percentile per-packet one-way delay: 69.028 ms  
Loss rate: 0.82%



## Run 10: Report of TCP Cubic — Data Link

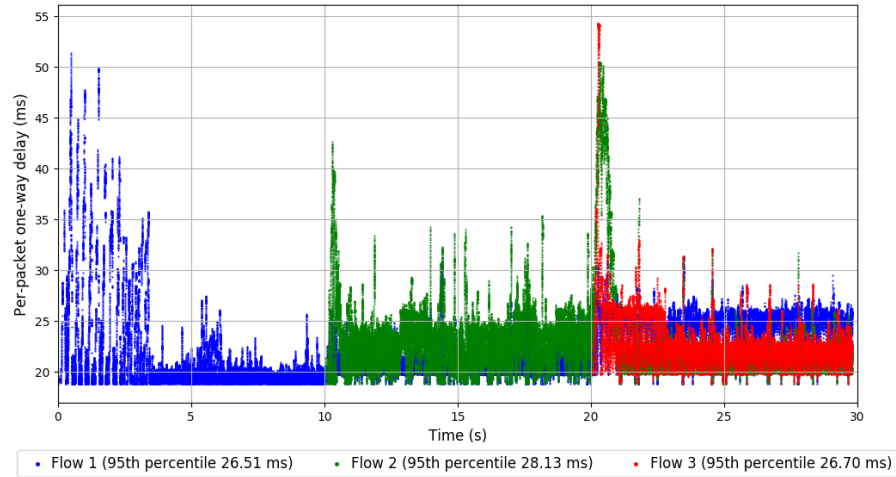
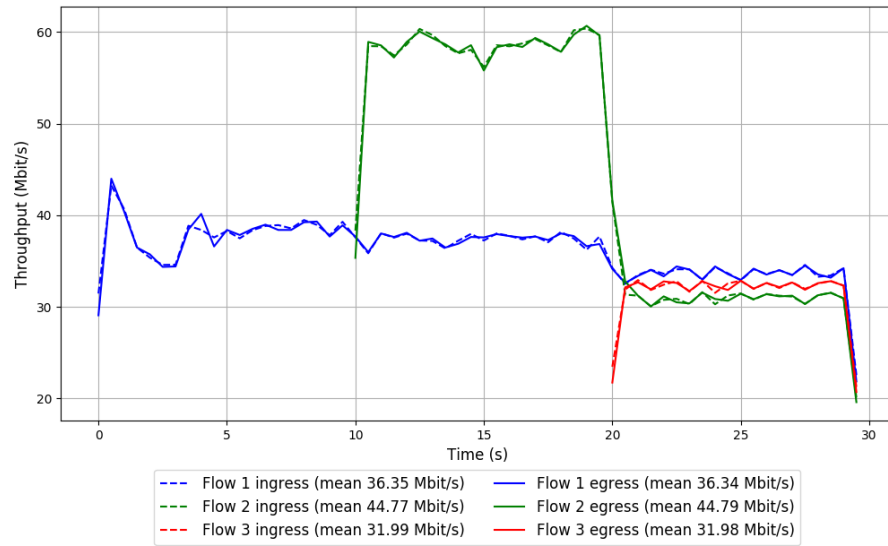


```
Run 1: Statistics of Indigo

Start at: 2017-09-17 23:30:40
End at: 2017-09-17 23:31:10
Local clock offset: -3.228 ms
Remote clock offset: -3.12 ms

# Below is generated by plot.py at 2017-09-18 07:01:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 27.091 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 26.510 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 28.128 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 26.701 ms
Loss rate: 0.32%
```

## Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-09-17 23:49:50

End at: 2017-09-17 23:50:20

Local clock offset: -1.587 ms

Remote clock offset: -1.9 ms

# Below is generated by plot.py at 2017-09-18 07:01:21

# Datalink statistics

-- Total of 3 flows:

Average throughput: 91.46 Mbit/s

95th percentile per-packet one-way delay: 30.063 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 65.72 Mbit/s

95th percentile per-packet one-way delay: 30.161 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 17.48 Mbit/s

95th percentile per-packet one-way delay: 32.324 ms

Loss rate: 0.12%

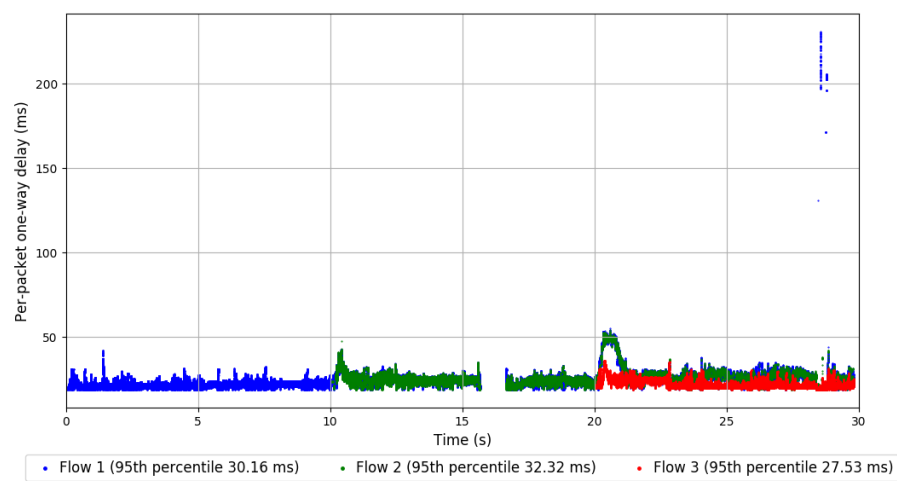
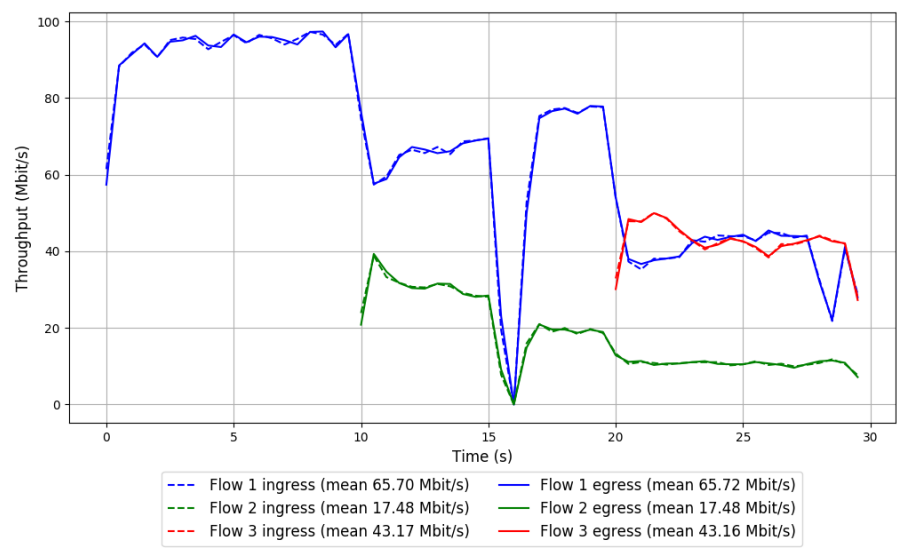
-- Flow 3:

Average throughput: 43.16 Mbit/s

95th percentile per-packet one-way delay: 27.533 ms

Loss rate: 0.31%

Run 2: Report of Indigo — Data Link

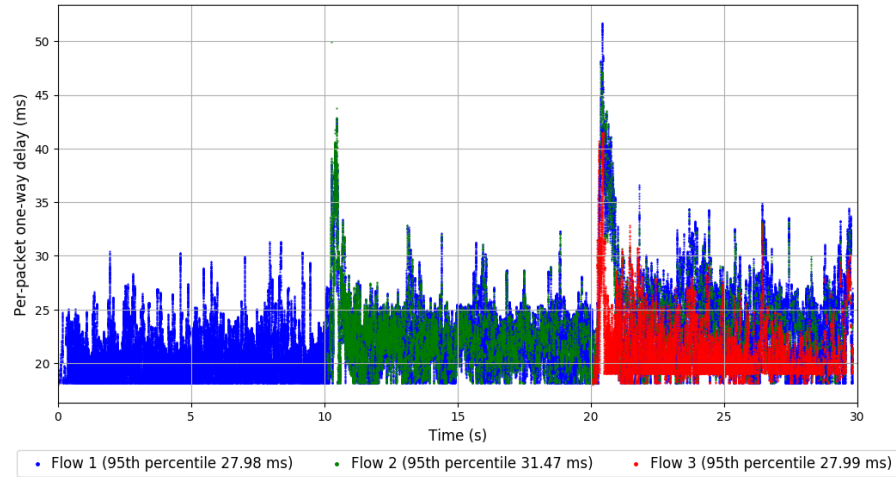
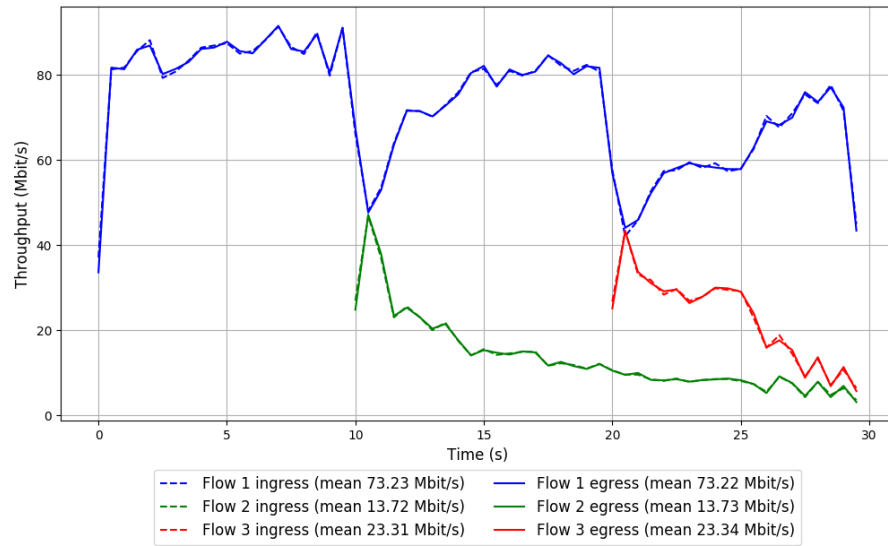


Run 3: Statistics of Indigo

Start at: 2017-09-18 00:10:43  
End at: 2017-09-18 00:11:13  
Local clock offset: -2.691 ms  
Remote clock offset: -2.719 ms

# Below is generated by plot.py at 2017-09-18 07:01:27  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 89.96 Mbit/s  
95th percentile per-packet one-way delay: 28.275 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 73.22 Mbit/s  
95th percentile per-packet one-way delay: 27.975 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 13.73 Mbit/s  
95th percentile per-packet one-way delay: 31.472 ms  
Loss rate: 0.09%  
-- Flow 3:  
Average throughput: 23.34 Mbit/s  
95th percentile per-packet one-way delay: 27.989 ms  
Loss rate: 0.16%

### Run 3: Report of Indigo — Data Link



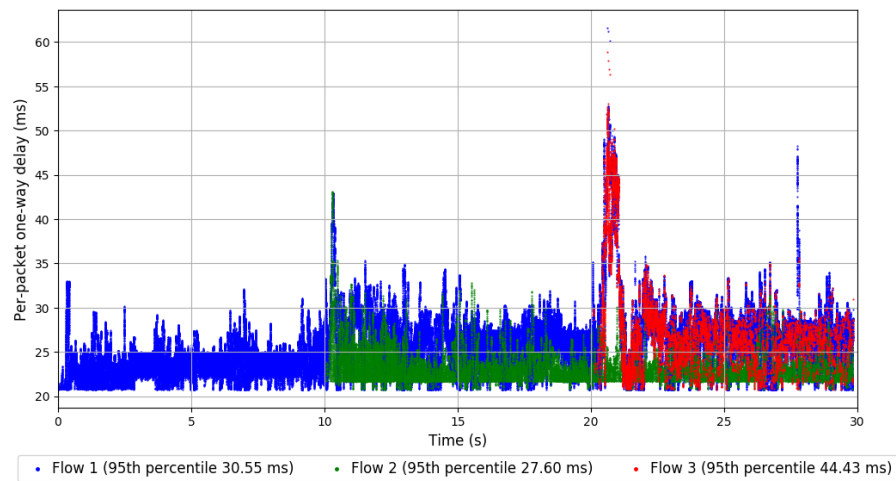
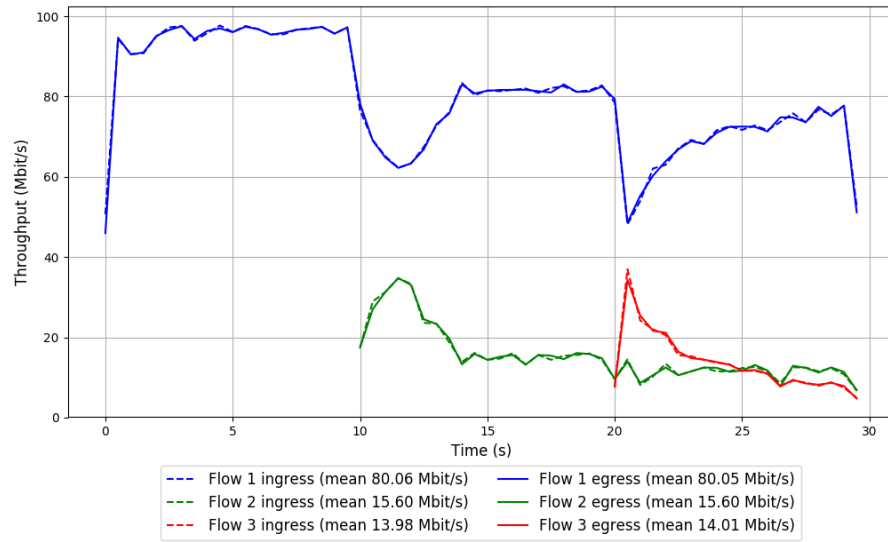
Run 4: Statistics of Indigo

Start at: 2017-09-18 00:31:38  
End at: 2017-09-18 00:32:08  
Local clock offset: -0.514 ms  
Remote clock offset: -3.555 ms

# Below is generated by plot.py at 2017-09-18 07:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 94.95 Mbit/s  
95th percentile per-packet one-way delay: 30.737 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 80.05 Mbit/s  
95th percentile per-packet one-way delay: 30.547 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 15.60 Mbit/s  
95th percentile per-packet one-way delay: 27.597 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 14.01 Mbit/s  
95th percentile per-packet one-way delay: 44.427 ms  
Loss rate: 0.11%



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

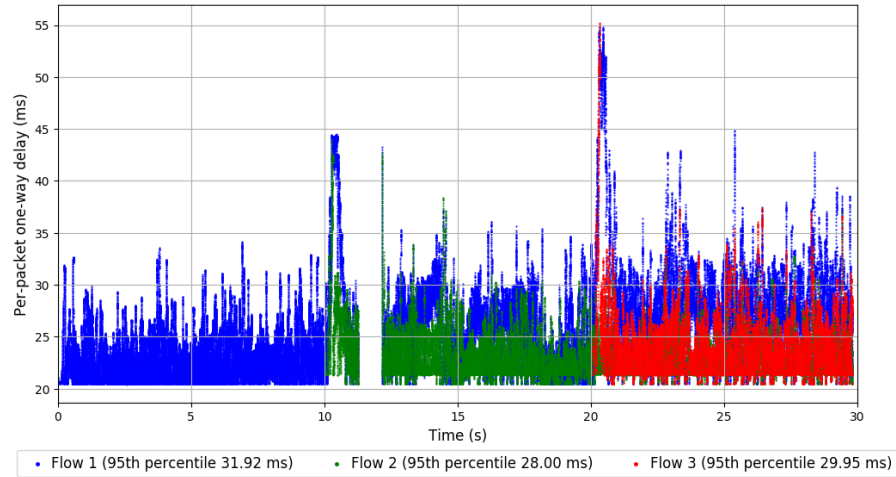
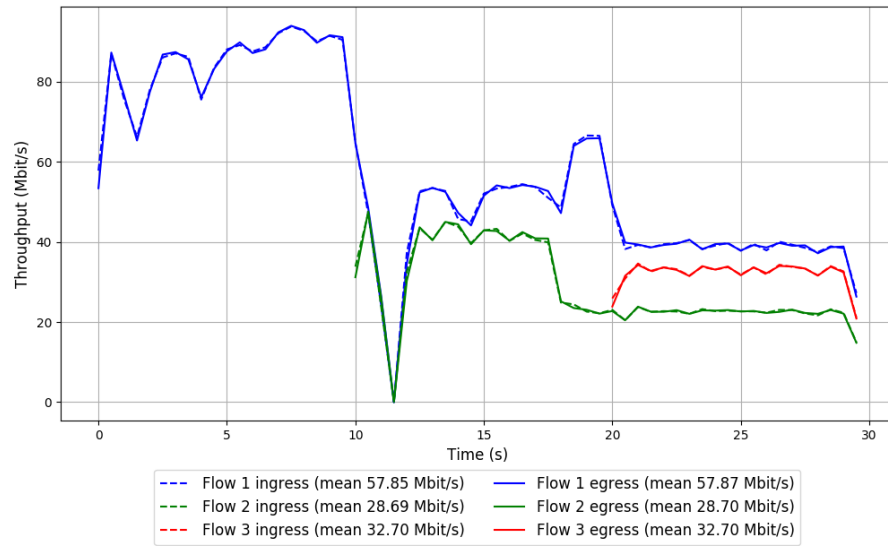


Run 5: Statistics of Indigo

Start at: 2017-09-18 00:52:16  
End at: 2017-09-18 00:52:46  
Local clock offset: 0.34 ms  
Remote clock offset: -3.204 ms

# Below is generated by plot.py at 2017-09-18 07:02:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 87.64 Mbit/s  
95th percentile per-packet one-way delay: 31.064 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 57.87 Mbit/s  
95th percentile per-packet one-way delay: 31.916 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 28.70 Mbit/s  
95th percentile per-packet one-way delay: 28.002 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 32.70 Mbit/s  
95th percentile per-packet one-way delay: 29.949 ms  
Loss rate: 0.33%

## Run 5: Report of Indigo — Data Link

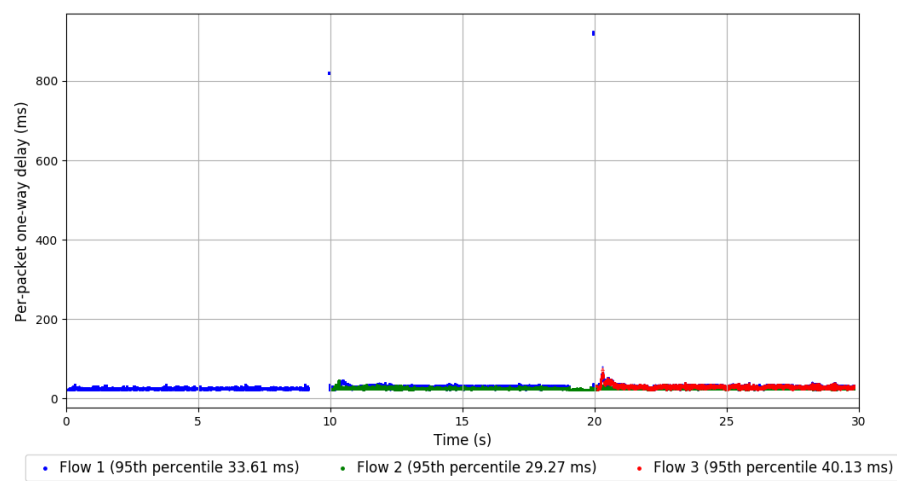
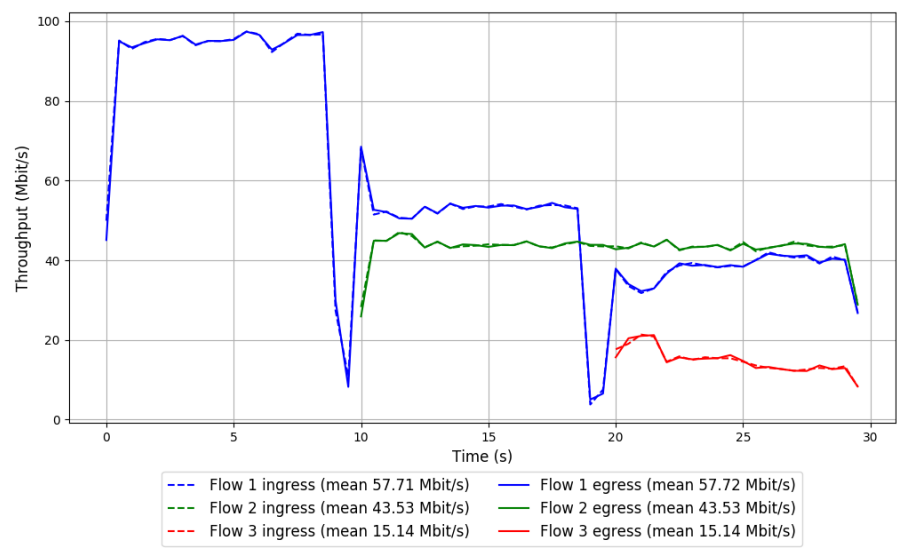


Run 6: Statistics of Indigo

Start at: 2017-09-18 01:12:33  
End at: 2017-09-18 01:13:03  
Local clock offset: 2.668 ms  
Remote clock offset: -3.747 ms

# Below is generated by plot.py at 2017-09-18 07:02:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.57 Mbit/s  
95th percentile per-packet one-way delay: 33.056 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 57.72 Mbit/s  
95th percentile per-packet one-way delay: 33.606 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 43.53 Mbit/s  
95th percentile per-packet one-way delay: 29.269 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 15.14 Mbit/s  
95th percentile per-packet one-way delay: 40.127 ms  
Loss rate: 0.32%

Run 6: Report of Indigo — Data Link

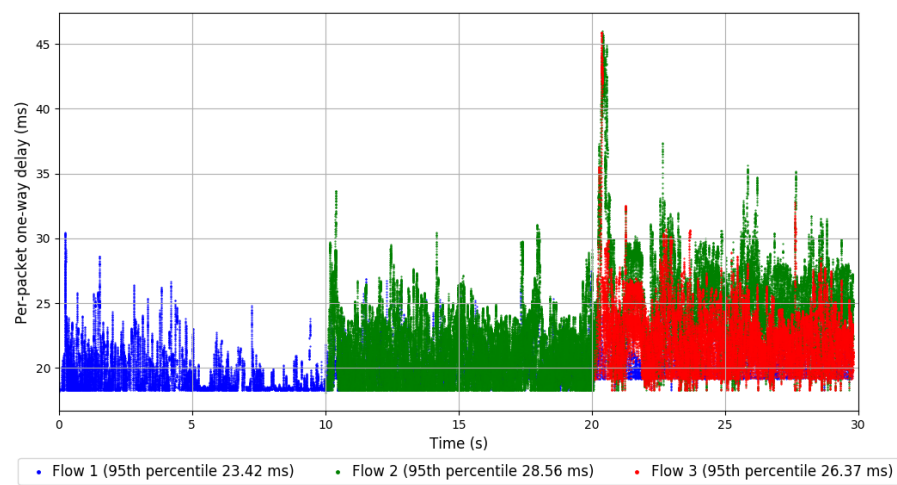
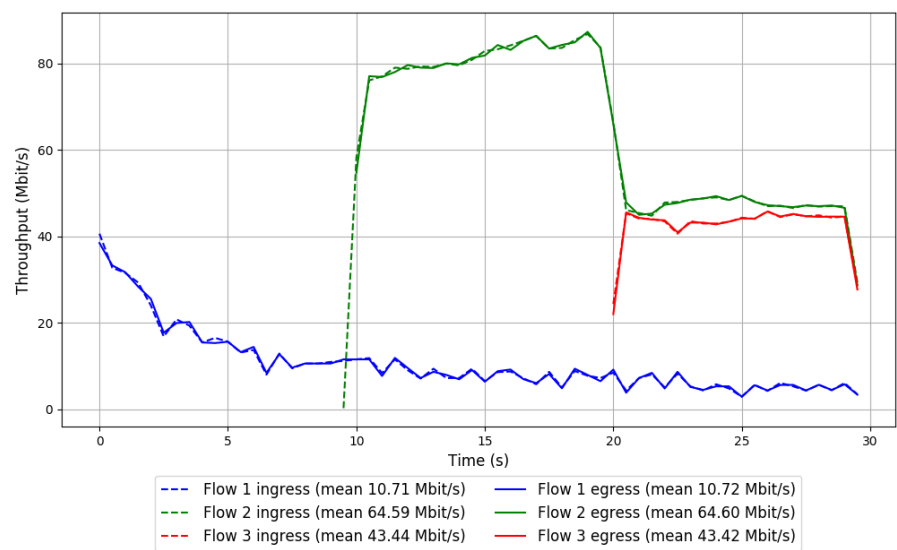


Run 7: Statistics of Indigo

Start at: 2017-09-18 01:51:25  
End at: 2017-09-18 01:51:55  
Local clock offset: -1.735 ms  
Remote clock offset: -3.732 ms

# Below is generated by plot.py at 2017-09-18 07:02:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 67.76 Mbit/s  
95th percentile per-packet one-way delay: 27.740 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 10.72 Mbit/s  
95th percentile per-packet one-way delay: 23.422 ms  
Loss rate: 0.06%  
-- Flow 2:  
Average throughput: 64.60 Mbit/s  
95th percentile per-packet one-way delay: 28.564 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 43.42 Mbit/s  
95th percentile per-packet one-way delay: 26.369 ms  
Loss rate: 0.34%

Run 7: Report of Indigo — Data Link



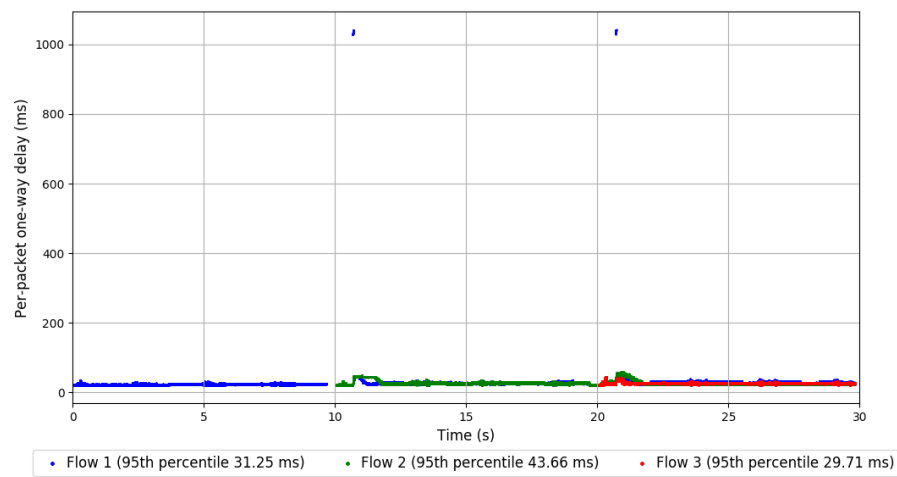
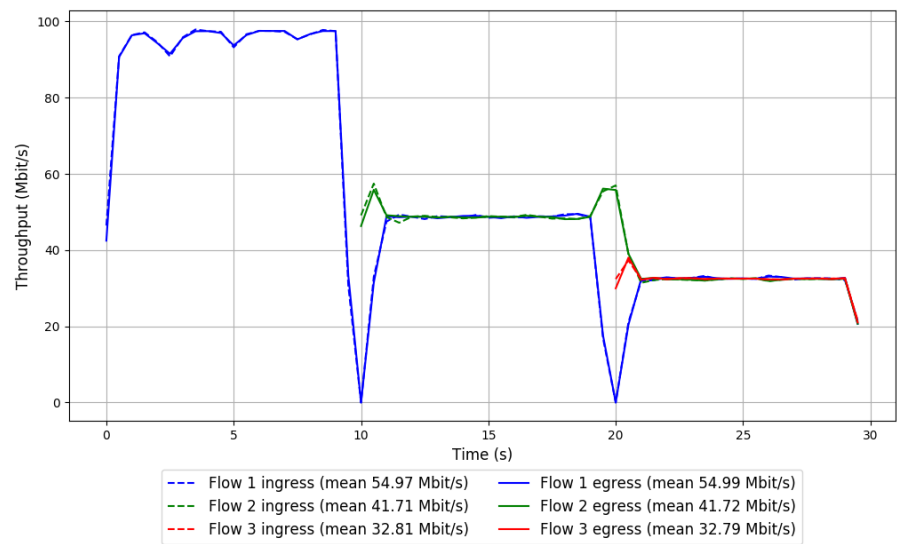
Run 8: Statistics of Indigo

Start at: 2017-09-18 02:11:37  
End at: 2017-09-18 02:12:07  
Local clock offset: -0.604 ms  
Remote clock offset: -4.749 ms

# Below is generated by plot.py at 2017-09-18 07:02:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 93.46 Mbit/s  
95th percentile per-packet one-way delay: 32.210 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 54.99 Mbit/s  
95th percentile per-packet one-way delay: 31.253 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 41.72 Mbit/s  
95th percentile per-packet one-way delay: 43.656 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 32.79 Mbit/s  
95th percentile per-packet one-way delay: 29.712 ms  
Loss rate: 0.34%



Run 8: Report of Indigo — Data Link

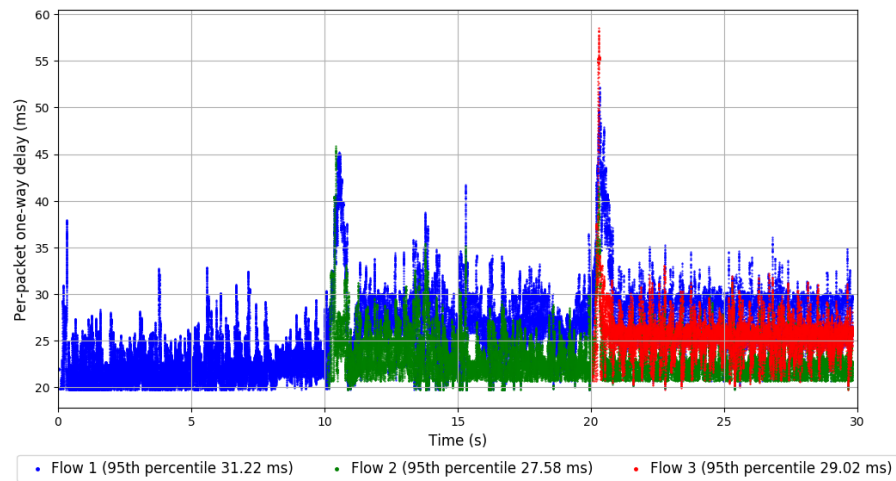
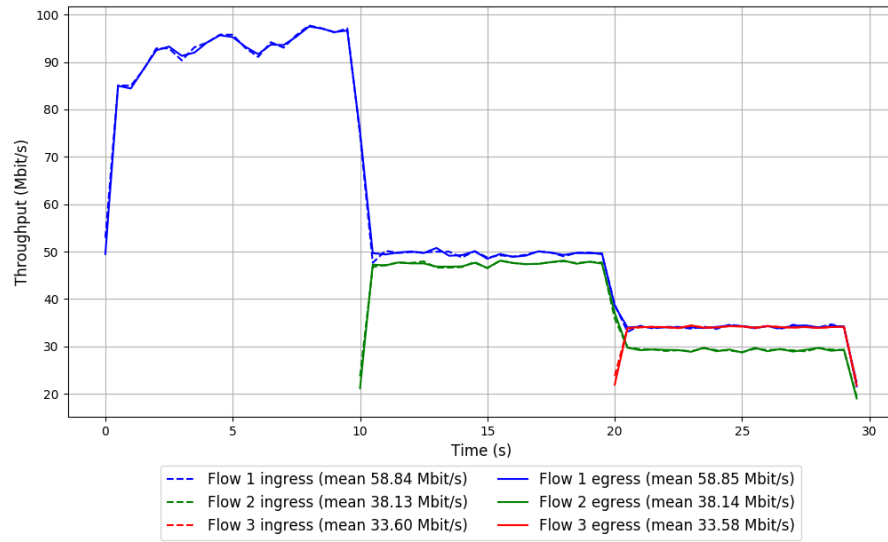


Run 9: Statistics of Indigo

Start at: 2017-09-18 02:34:11  
End at: 2017-09-18 02:34:41  
Local clock offset: -0.166 ms  
Remote clock offset: -4.041 ms

# Below is generated by plot.py at 2017-09-18 07:02:35  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.10 Mbit/s  
95th percentile per-packet one-way delay: 30.169 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 58.85 Mbit/s  
95th percentile per-packet one-way delay: 31.217 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 38.14 Mbit/s  
95th percentile per-packet one-way delay: 27.578 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 33.58 Mbit/s  
95th percentile per-packet one-way delay: 29.018 ms  
Loss rate: 0.34%

# Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

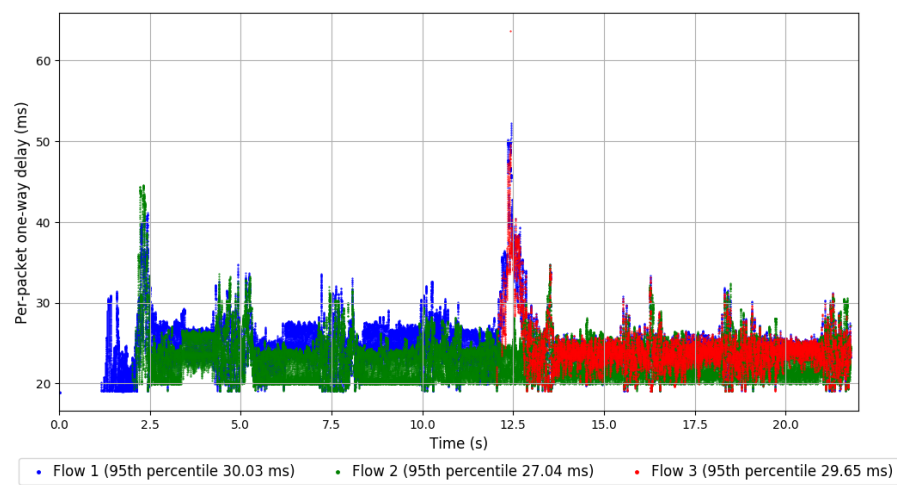
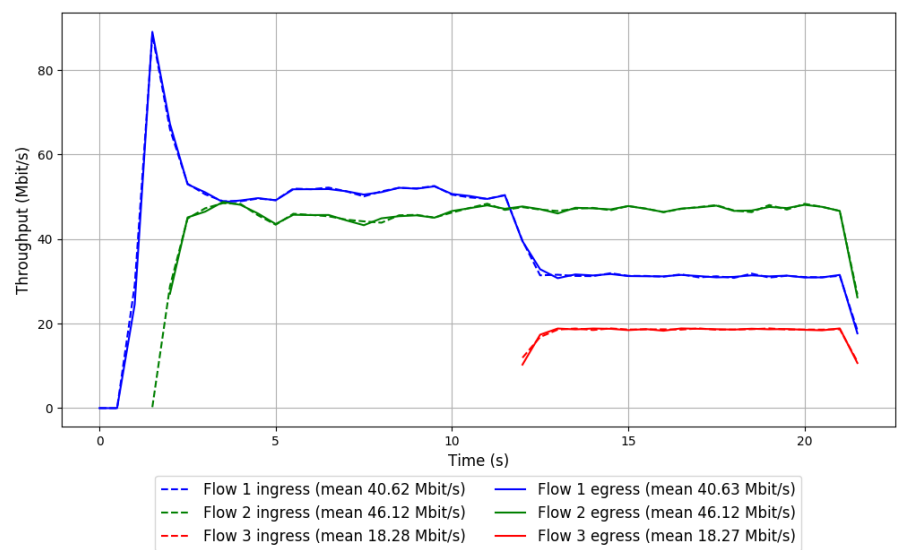
Start at: 2017-09-18 03:11:02

End at: 2017-09-18 03:11:32

Local clock offset: -0.705 ms

Remote clock offset: -3.924 ms

Run 10: Report of Indigo — Data Link

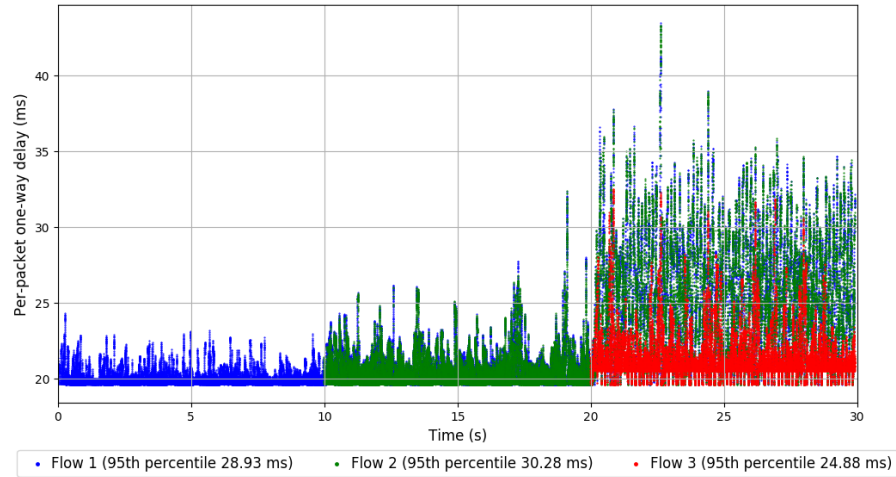
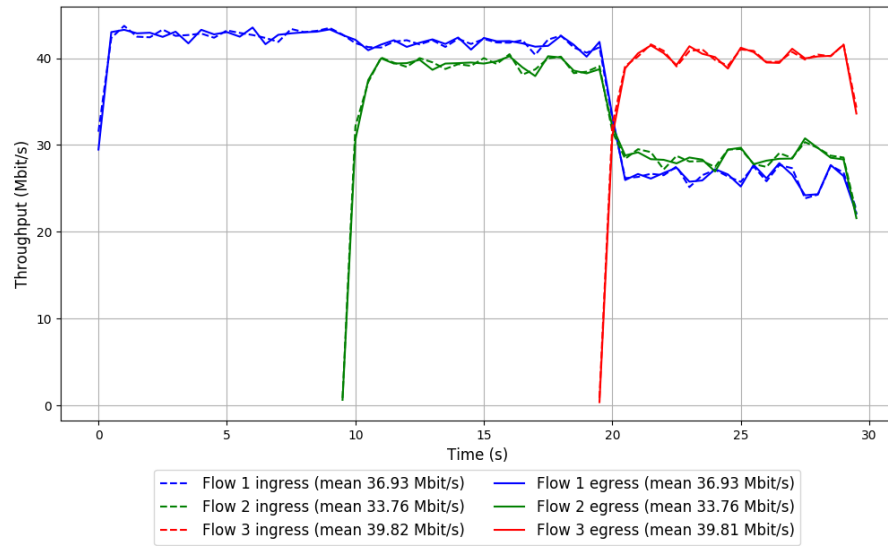


```
Run 1: Statistics of KohoCC

Start at: 2017-09-17 23:39:22
End at: 2017-09-17 23:39:52
Local clock offset: -0.791 ms
Remote clock offset: -1.779 ms

# Below is generated by plot.py at 2017-09-18 07:02:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: 29.010 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 36.93 Mbit/s
95th percentile per-packet one-way delay: 28.927 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 30.279 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 24.879 ms
Loss rate: 0.30%
```

# Run 1: Report of KohoCC — Data Link



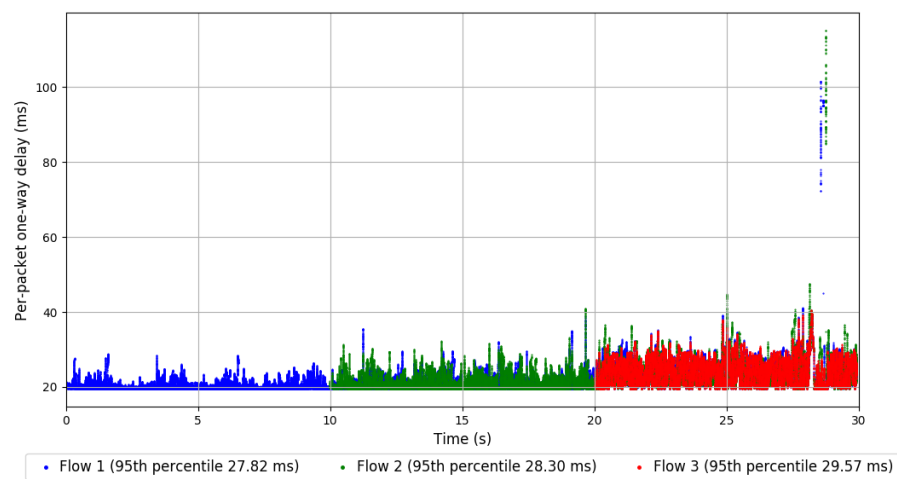
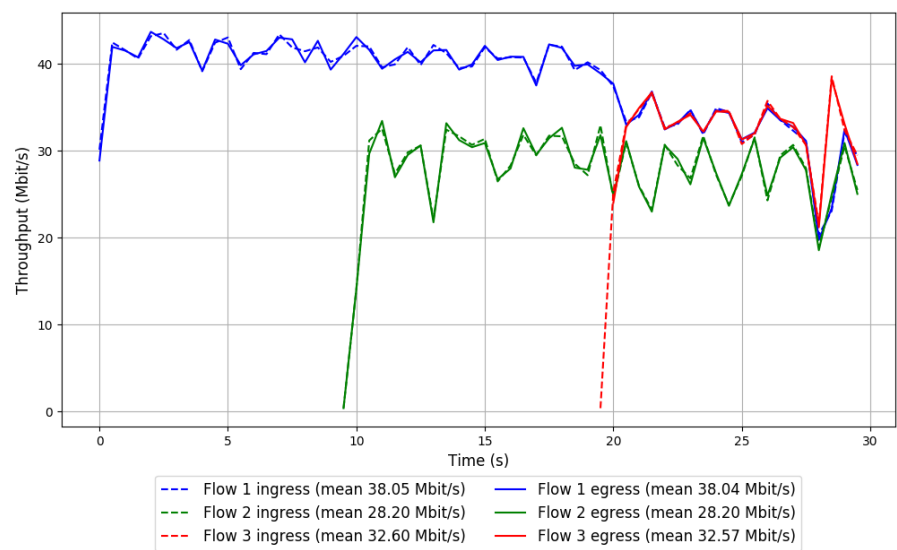
Run 2: Statistics of KohoCC

Start at: 2017-09-17 23:59:45  
End at: 2017-09-18 00:00:15  
Local clock offset: -0.682 ms  
Remote clock offset: -1.842 ms

# Below is generated by plot.py at 2017-09-18 07:03:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 67.65 Mbit/s  
95th percentile per-packet one-way delay: 28.491 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 38.04 Mbit/s  
95th percentile per-packet one-way delay: 27.823 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 28.20 Mbit/s  
95th percentile per-packet one-way delay: 28.299 ms  
Loss rate: 0.16%  
-- Flow 3:  
Average throughput: 32.57 Mbit/s  
95th percentile per-packet one-way delay: 29.572 ms  
Loss rate: 0.37%



Run 2: Report of KohoCC — Data Link

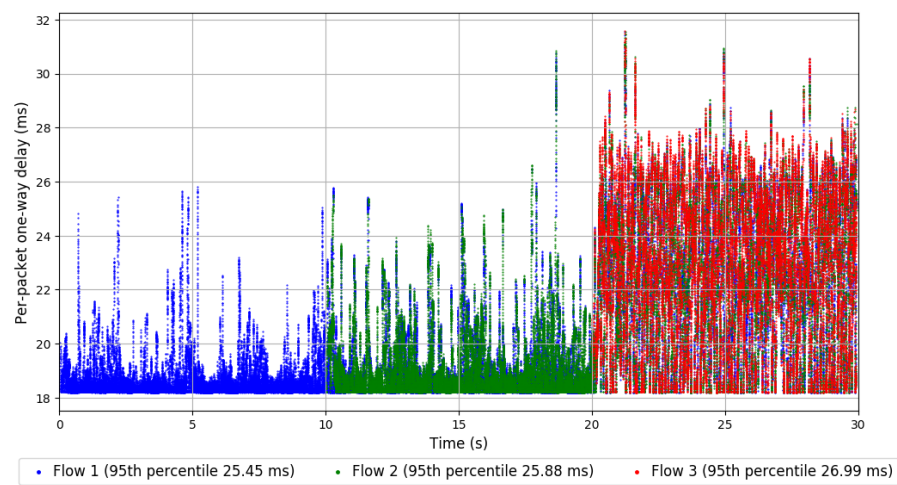
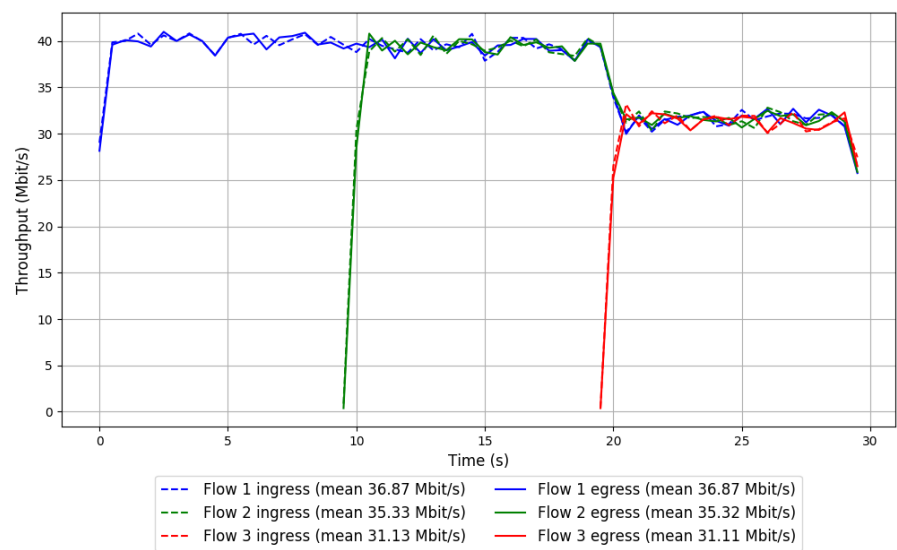


Run 3: Statistics of KohoCC

Start at: 2017-09-18 00:20:17  
End at: 2017-09-18 00:20:48  
Local clock offset: -3.488 ms  
Remote clock offset: -3.754 ms

# Below is generated by plot.py at 2017-09-18 07:03:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 70.74 Mbit/s  
95th percentile per-packet one-way delay: 26.000 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 36.87 Mbit/s  
95th percentile per-packet one-way delay: 25.445 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 35.32 Mbit/s  
95th percentile per-packet one-way delay: 25.881 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 31.11 Mbit/s  
95th percentile per-packet one-way delay: 26.994 ms  
Loss rate: 0.35%

Run 3: Report of KohoCC — Data Link

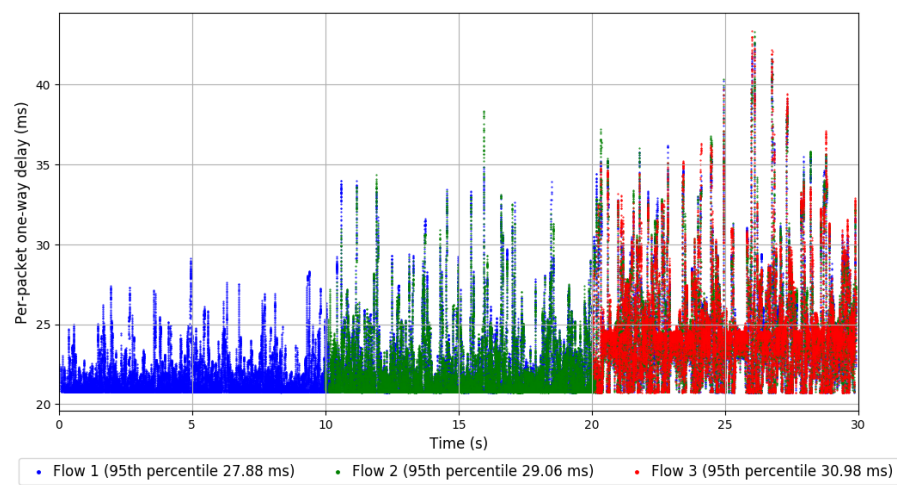
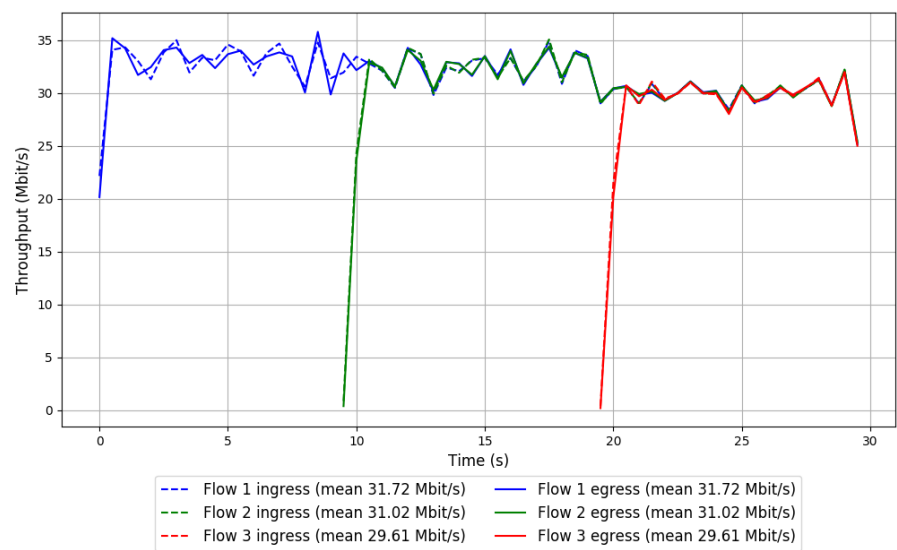


Run 4: Statistics of KohoCC

Start at: 2017-09-18 00:41:31  
End at: 2017-09-18 00:42:01  
Local clock offset: -0.215 ms  
Remote clock offset: -3.693 ms

# Below is generated by plot.py at 2017-09-18 07:03:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 62.23 Mbit/s  
95th percentile per-packet one-way delay: 28.998 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 31.72 Mbit/s  
95th percentile per-packet one-way delay: 27.882 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 31.02 Mbit/s  
95th percentile per-packet one-way delay: 29.058 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 29.61 Mbit/s  
95th percentile per-packet one-way delay: 30.976 ms  
Loss rate: 0.28%

Run 4: Report of KohoCC — Data Link

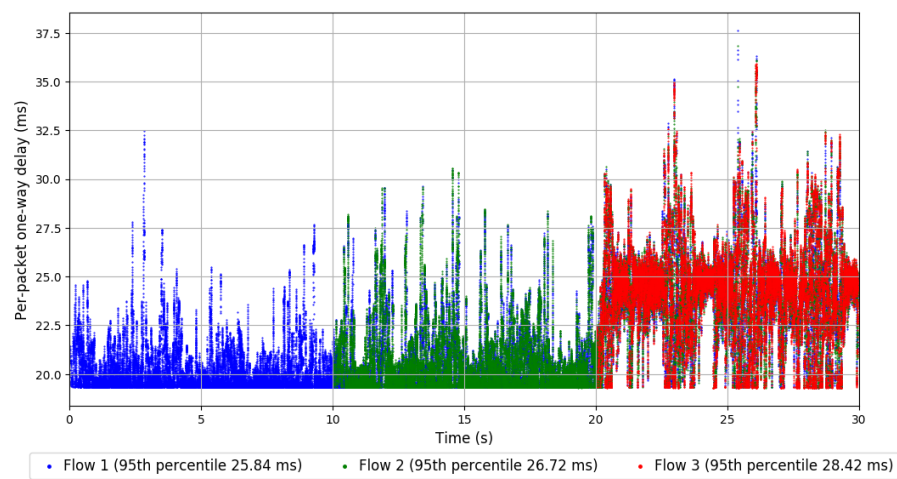
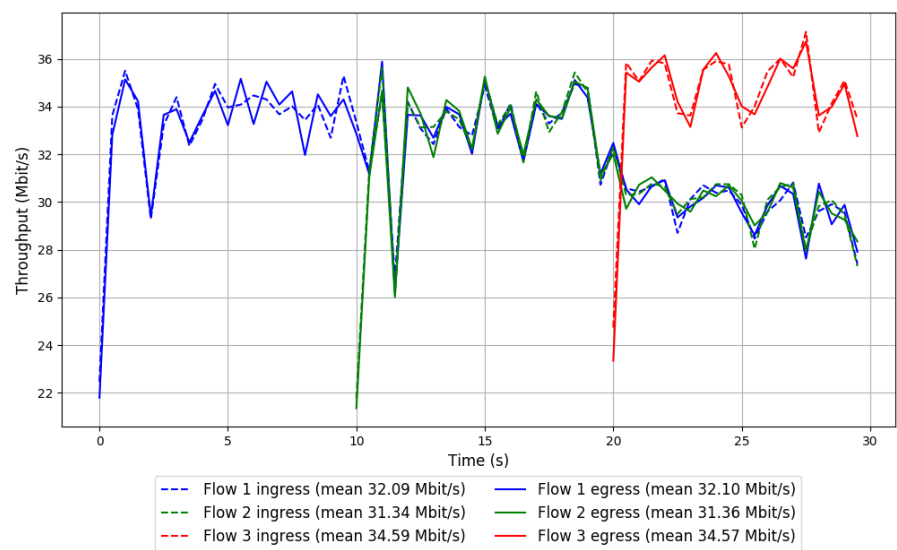


Run 5: Statistics of KohoCC

Start at: 2017-09-18 01:01:41  
End at: 2017-09-18 01:02:11  
Local clock offset: -0.287 ms  
Remote clock offset: -3.025 ms

# Below is generated by plot.py at 2017-09-18 07:03:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 64.45 Mbit/s  
95th percentile per-packet one-way delay: 26.773 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 32.10 Mbit/s  
95th percentile per-packet one-way delay: 25.842 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 31.36 Mbit/s  
95th percentile per-packet one-way delay: 26.723 ms  
Loss rate: 0.06%  
-- Flow 3:  
Average throughput: 34.57 Mbit/s  
95th percentile per-packet one-way delay: 28.424 ms  
Loss rate: 0.35%

Run 5: Report of KohoCC — Data Link



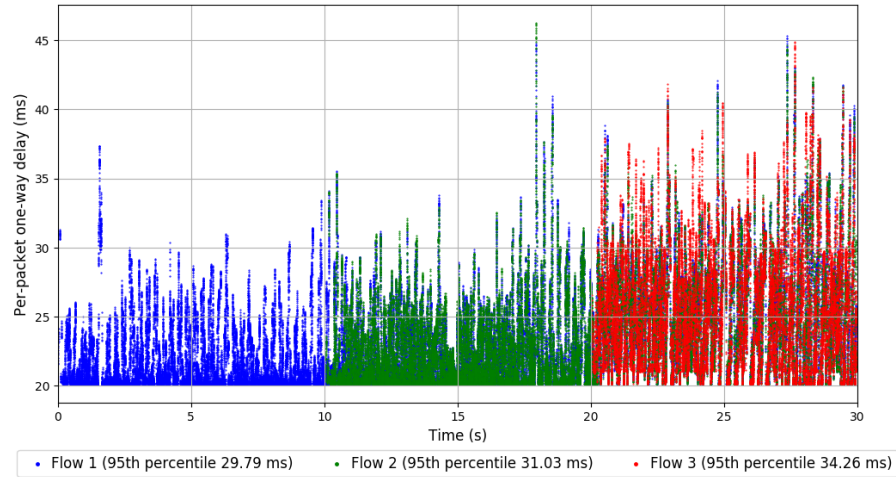
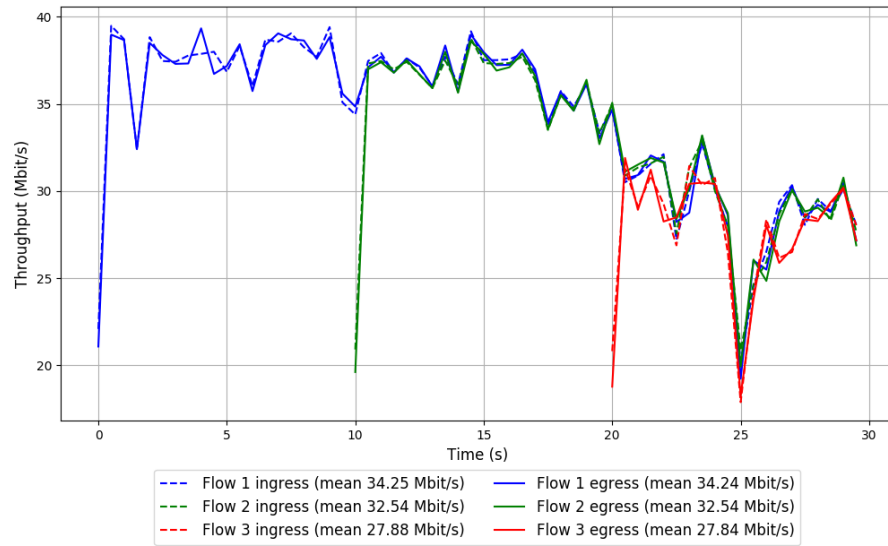
Run 6: Statistics of KohoCC

Start at: 2017-09-18 01:34:13  
End at: 2017-09-18 01:34:43  
Local clock offset: 0.521 ms  
Remote clock offset: -3.402 ms

# Below is generated by plot.py at 2017-09-18 07:03:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 65.12 Mbit/s  
95th percentile per-packet one-way delay: 31.130 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 34.24 Mbit/s  
95th percentile per-packet one-way delay: 29.786 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 32.54 Mbit/s  
95th percentile per-packet one-way delay: 31.032 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 27.84 Mbit/s  
95th percentile per-packet one-way delay: 34.263 ms  
Loss rate: 0.43%



## Run 6: Report of KohoCC — Data Link

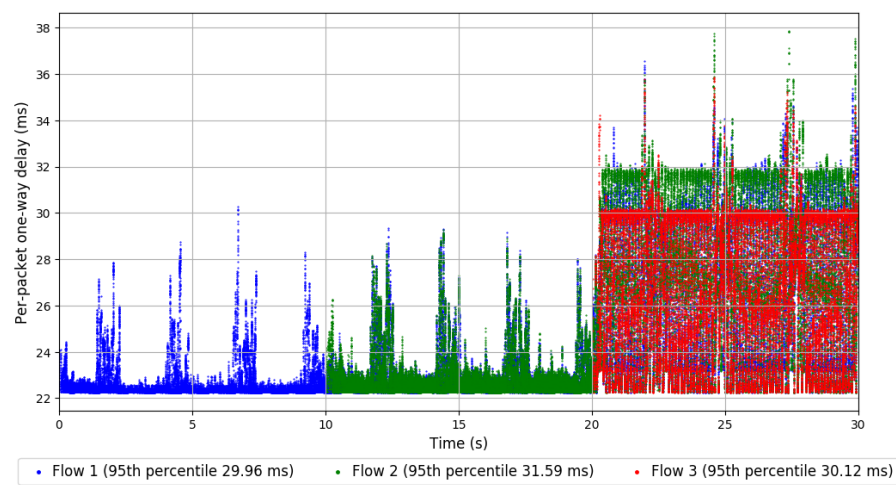
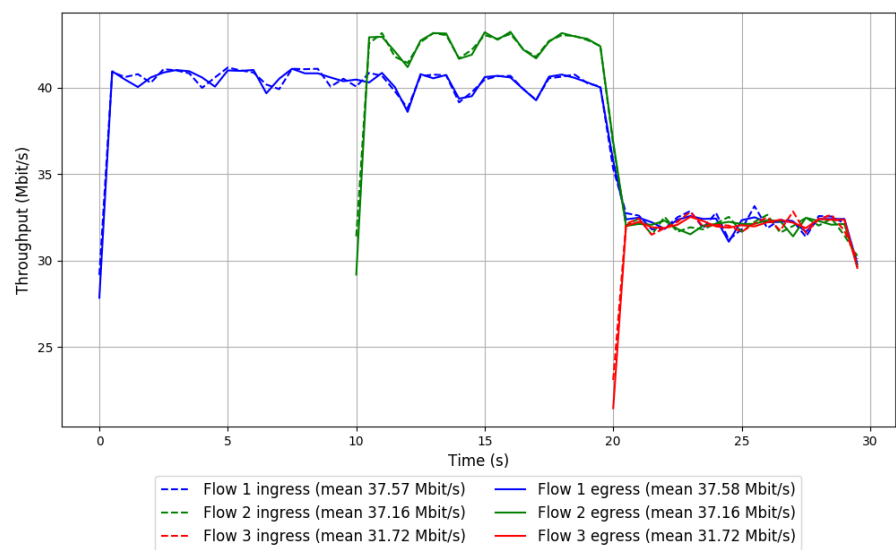


Run 7: Statistics of KohoCC

Start at: 2017-09-18 02:00:28  
End at: 2017-09-18 02:00:58  
Local clock offset: 2.343 ms  
Remote clock offset: -3.878 ms

# Below is generated by plot.py at 2017-09-18 07:03:37  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 72.84 Mbit/s  
95th percentile per-packet one-way delay: 30.714 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 37.58 Mbit/s  
95th percentile per-packet one-way delay: 29.960 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 37.16 Mbit/s  
95th percentile per-packet one-way delay: 31.590 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 31.72 Mbit/s  
95th percentile per-packet one-way delay: 30.119 ms  
Loss rate: 0.29%

Run 7: Report of KohoCC — Data Link

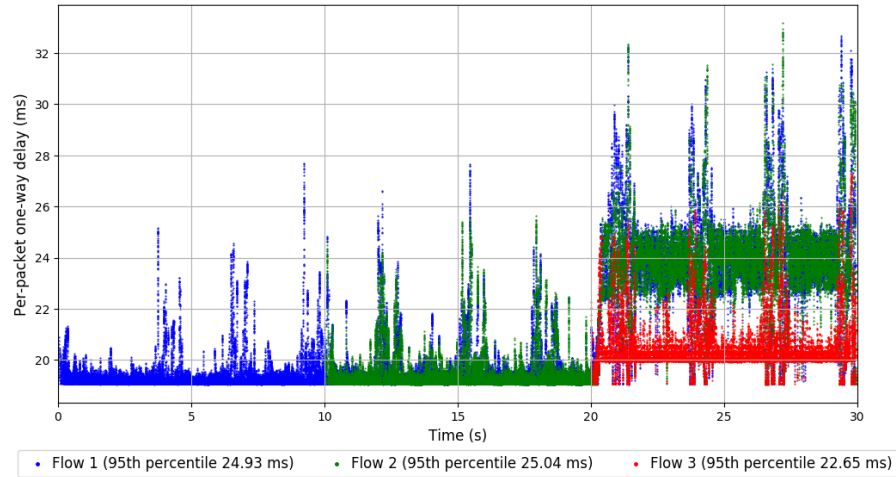
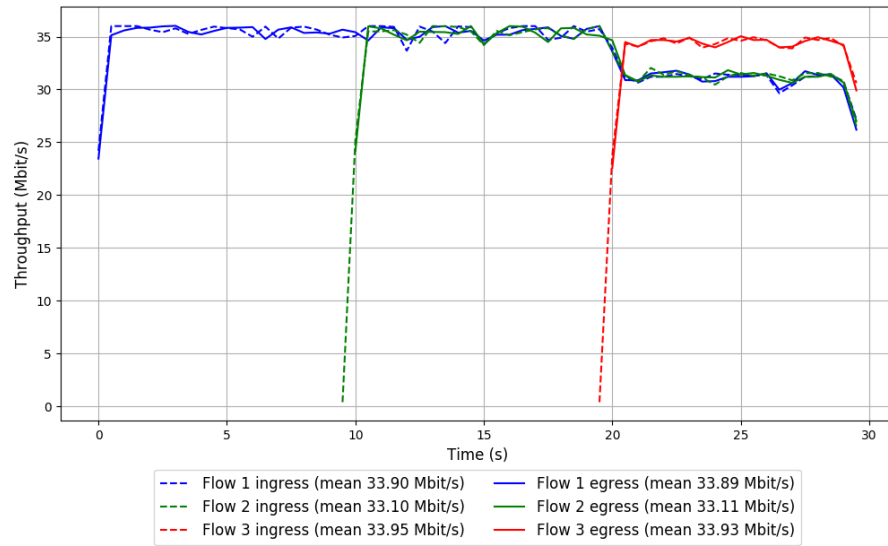


Run 8: Statistics of KohoCC

Start at: 2017-09-18 02:21:27  
End at: 2017-09-18 02:21:57  
Local clock offset: -0.941 ms  
Remote clock offset: -4.007 ms

# Below is generated by plot.py at 2017-09-18 07:03:37  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 67.20 Mbit/s  
95th percentile per-packet one-way delay: 24.847 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 33.89 Mbit/s  
95th percentile per-packet one-way delay: 24.931 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 33.11 Mbit/s  
95th percentile per-packet one-way delay: 25.044 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 33.93 Mbit/s  
95th percentile per-packet one-way delay: 22.648 ms  
Loss rate: 0.33%

## Run 8: Report of KohoCC — Data Link

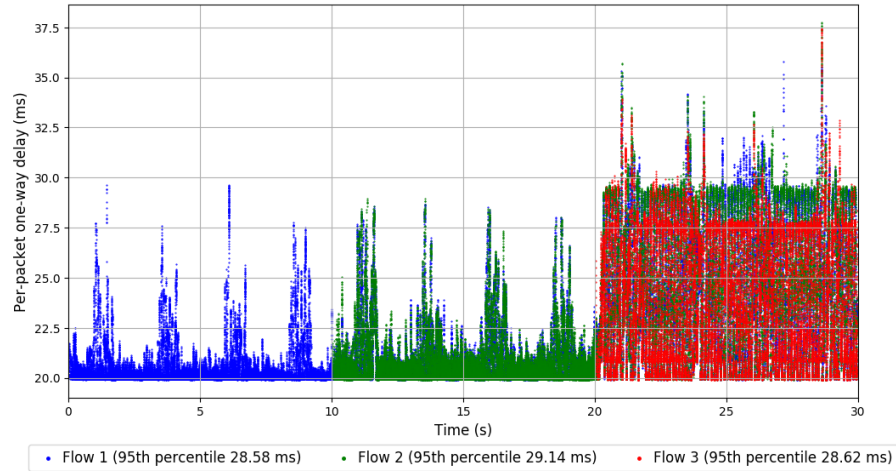
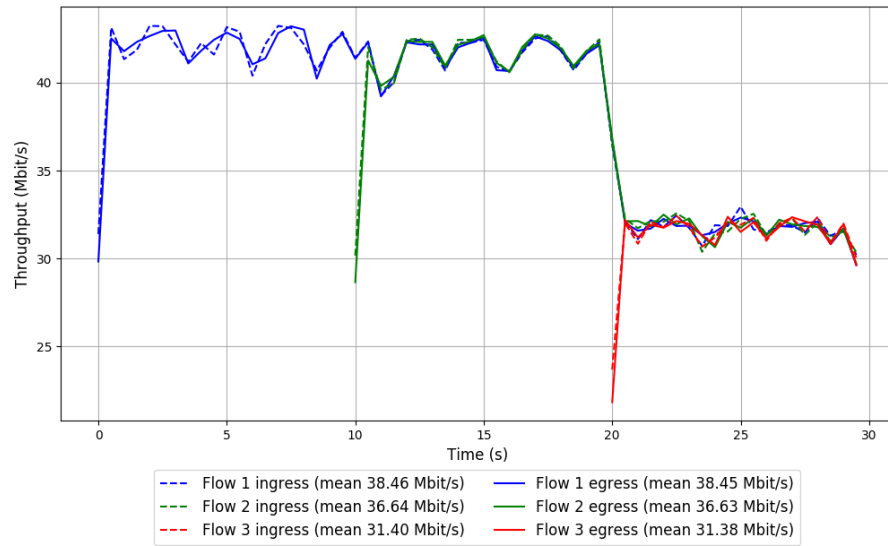


Run 9: Statistics of KohoCC

Start at: 2017-09-18 03:00:06  
End at: 2017-09-18 03:00:36  
Local clock offset: -0.262 ms  
Remote clock offset: -4.384 ms

# Below is generated by plot.py at 2017-09-18 07:03:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 73.24 Mbit/s  
95th percentile per-packet one-way delay: 28.872 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 38.45 Mbit/s  
95th percentile per-packet one-way delay: 28.583 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 36.63 Mbit/s  
95th percentile per-packet one-way delay: 29.139 ms  
Loss rate: 0.16%  
-- Flow 3:  
Average throughput: 31.38 Mbit/s  
95th percentile per-packet one-way delay: 28.618 ms  
Loss rate: 0.35%

# Run 9: Report of KohoCC — Data Link



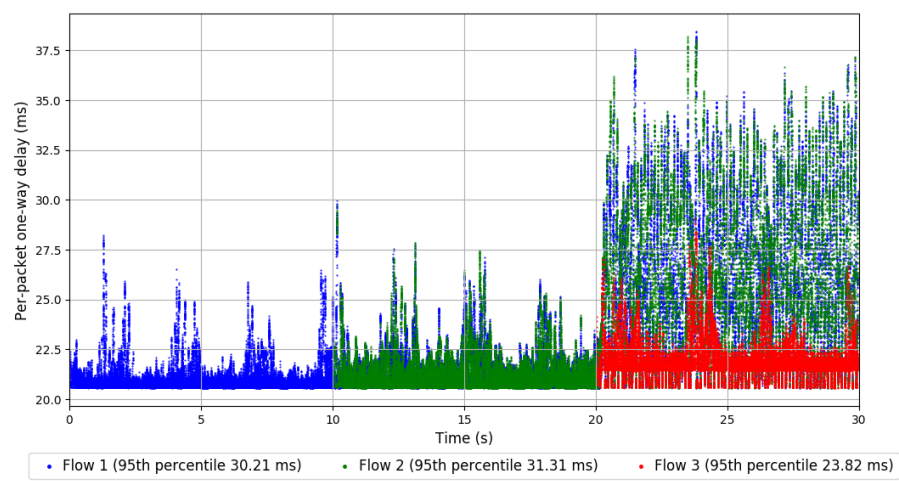
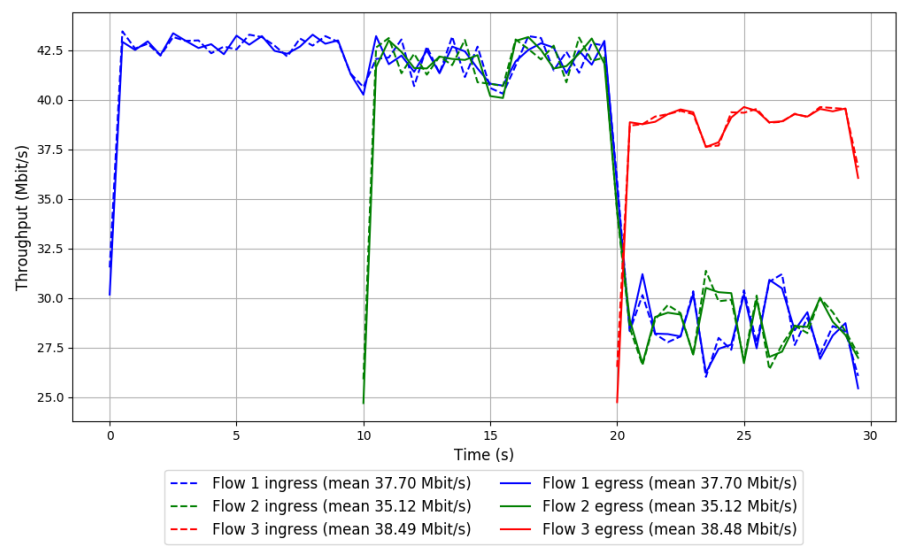
Run 10: Statistics of KohoCC

Start at: 2017-09-18 03:22:04  
End at: 2017-09-18 03:22:34  
Local clock offset: -0.527 ms  
Remote clock offset: -5.283 ms

# Below is generated by plot.py at 2017-09-18 07:04:04  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 73.84 Mbit/s  
95th percentile per-packet one-way delay: 30.252 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 37.70 Mbit/s  
95th percentile per-packet one-way delay: 30.214 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 35.12 Mbit/s  
95th percentile per-packet one-way delay: 31.308 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 38.48 Mbit/s  
95th percentile per-packet one-way delay: 23.815 ms  
Loss rate: 0.31%



Run 10: Report of KohoCC — Data Link

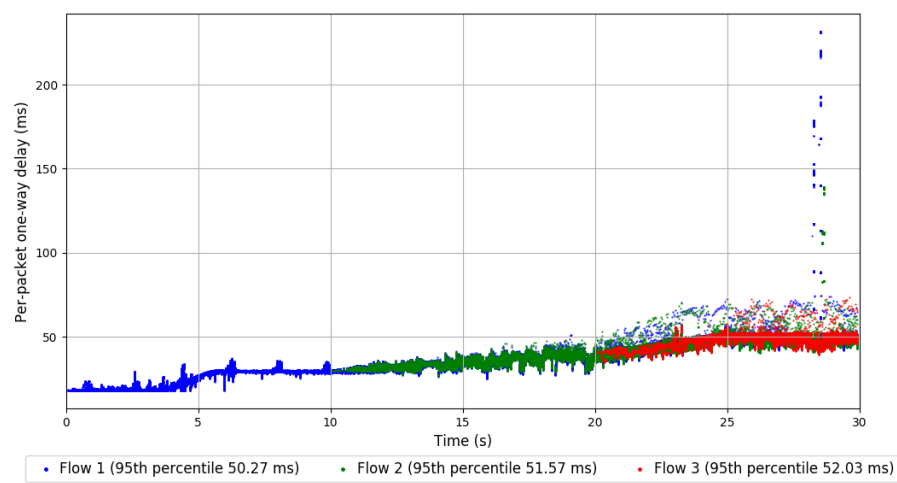
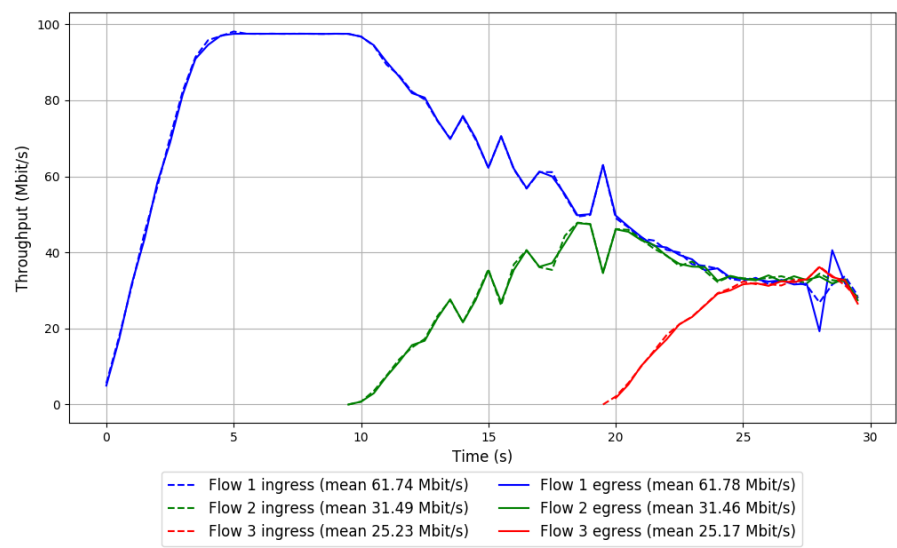


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-17 23:29:13
End at: 2017-09-17 23:29:43
Local clock offset: -3.589 ms
Remote clock offset: -2.384 ms

# Below is generated by plot.py at 2017-09-18 07:04:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 51.416 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 50.267 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 51.571 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 52.028 ms
Loss rate: 0.74%
```

Run 1: Report of LEDBAT — Data Link

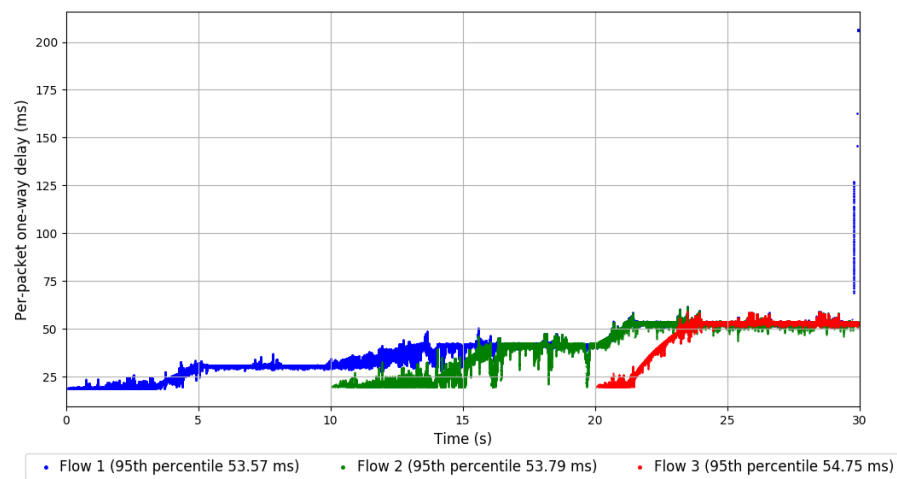
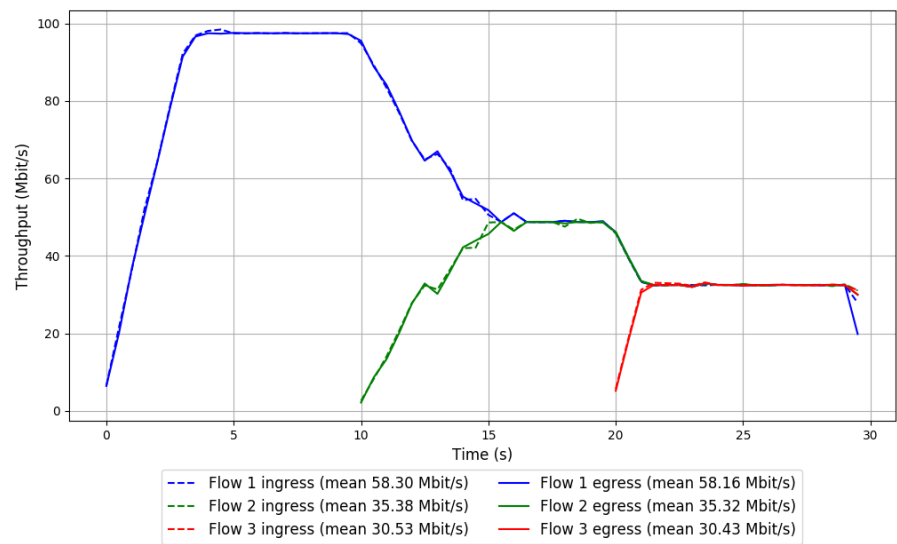


Run 2: Statistics of LEDBAT

Start at: 2017-09-17 23:48:25  
End at: 2017-09-17 23:48:55  
Local clock offset: -3.227 ms  
Remote clock offset: -3.508 ms

# Below is generated by plot.py at 2017-09-18 07:04:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.76 Mbit/s  
95th percentile per-packet one-way delay: 53.644 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 58.16 Mbit/s  
95th percentile per-packet one-way delay: 53.567 ms  
Loss rate: 0.33%  
-- Flow 2:  
Average throughput: 35.32 Mbit/s  
95th percentile per-packet one-way delay: 53.788 ms  
Loss rate: 0.32%  
-- Flow 3:  
Average throughput: 30.43 Mbit/s  
95th percentile per-packet one-way delay: 54.750 ms  
Loss rate: 0.75%

Run 2: Report of LEDBAT — Data Link

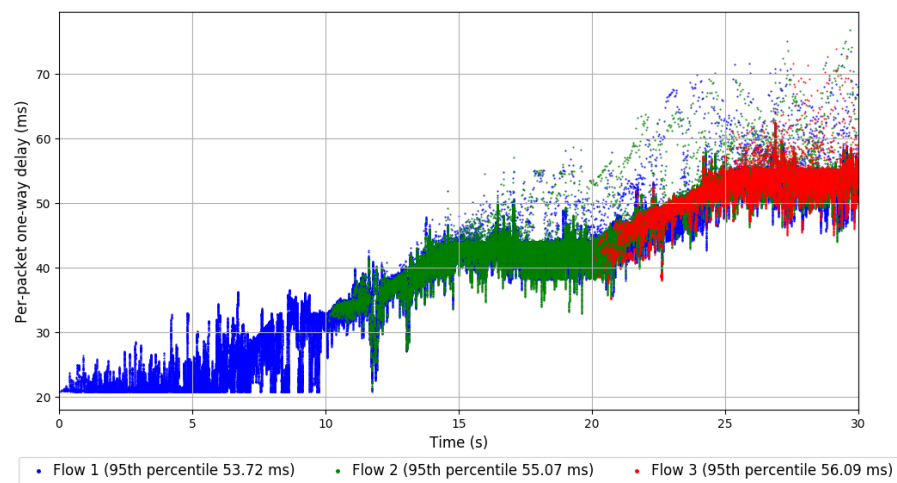
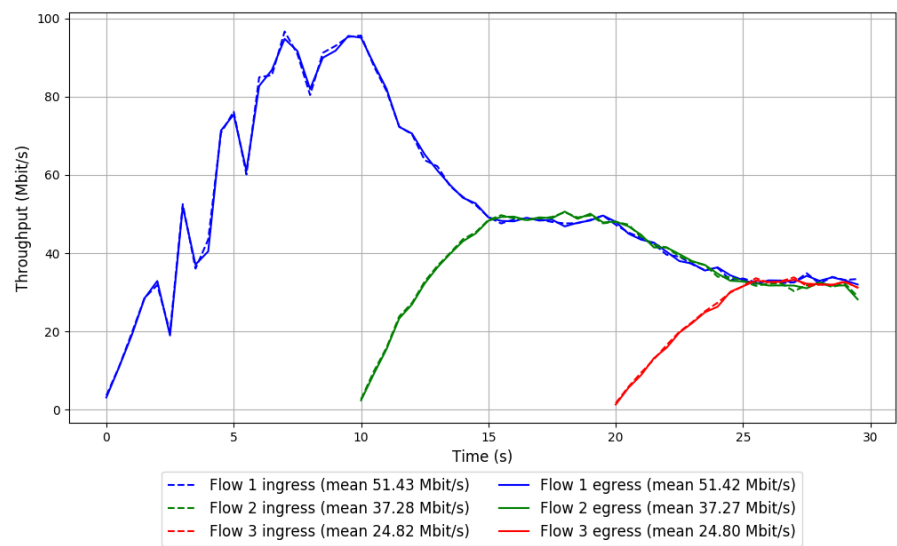


Run 3: Statistics of LEDBAT

Start at: 2017-09-18 00:09:21  
End at: 2017-09-18 00:09:51  
Local clock offset: -0.274 ms  
Remote clock offset: -2.967 ms

# Below is generated by plot.py at 2017-09-18 07:04:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 84.40 Mbit/s  
95th percentile per-packet one-way delay: 54.883 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 51.42 Mbit/s  
95th percentile per-packet one-way delay: 53.721 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 37.27 Mbit/s  
95th percentile per-packet one-way delay: 55.068 ms  
Loss rate: 0.29%  
-- Flow 3:  
Average throughput: 24.80 Mbit/s  
95th percentile per-packet one-way delay: 56.086 ms  
Loss rate: 0.75%

Run 3: Report of LEDBAT — Data Link



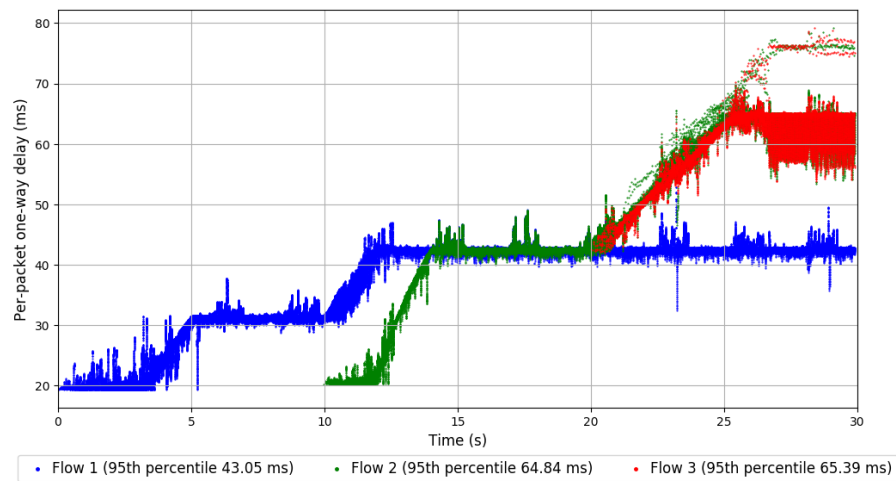
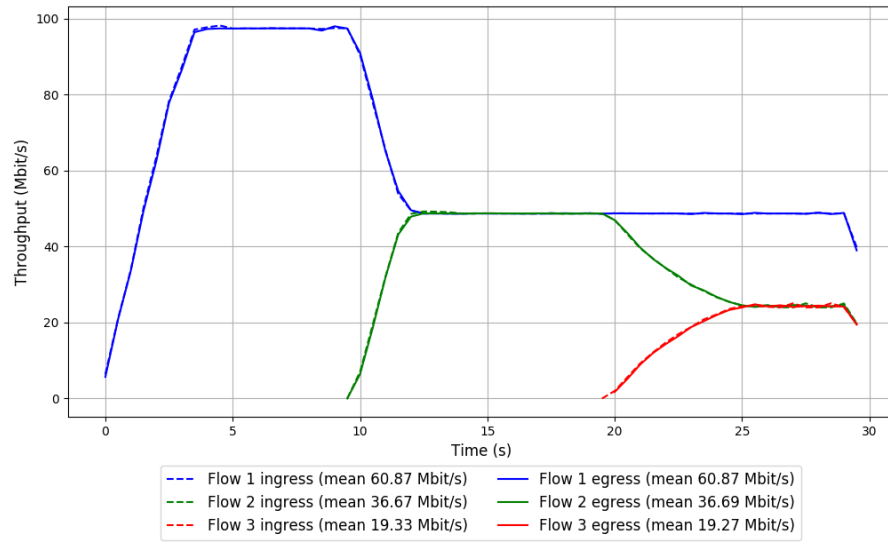
Run 4: Statistics of LEDBAT

Start at: 2017-09-18 00:30:04  
End at: 2017-09-18 00:30:34  
Local clock offset: -2.378 ms  
Remote clock offset: -3.957 ms

# Below is generated by plot.py at 2017-09-18 07:04:46  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.73 Mbit/s  
95th percentile per-packet one-way delay: 63.383 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 60.87 Mbit/s  
95th percentile per-packet one-way delay: 43.047 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 36.69 Mbit/s  
95th percentile per-packet one-way delay: 64.844 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 19.27 Mbit/s  
95th percentile per-packet one-way delay: 65.395 ms  
Loss rate: 0.85%



# Run 4: Report of LEDBAT — Data Link

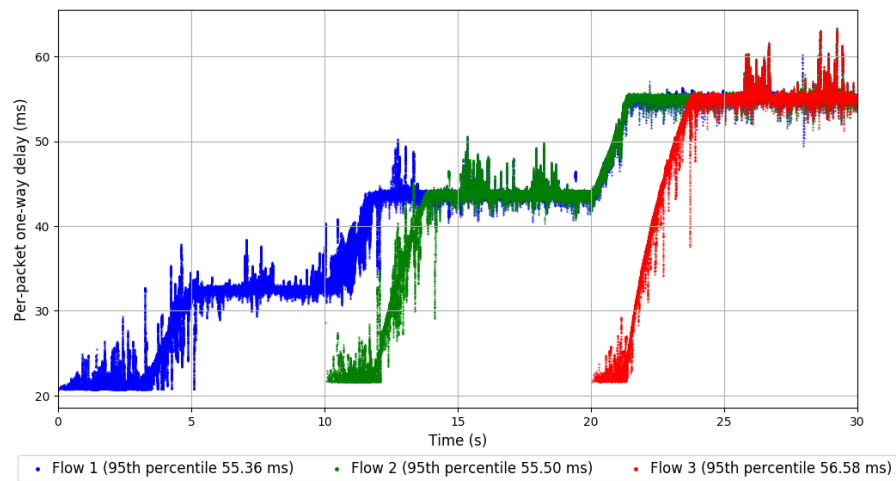
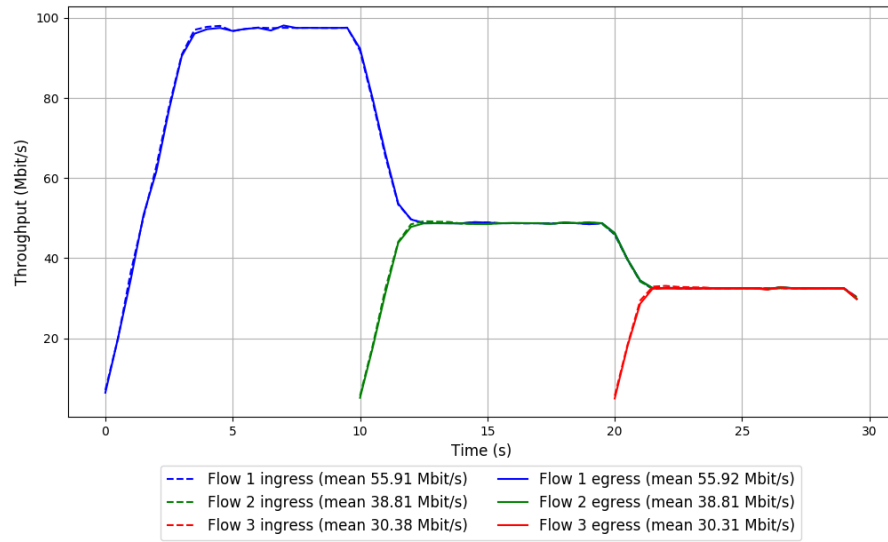


Run 5: Statistics of LEDBAT

Start at: 2017-09-18 00:50:47  
End at: 2017-09-18 00:51:17  
Local clock offset: 0.55 ms  
Remote clock offset: -3.256 ms

# Below is generated by plot.py at 2017-09-18 07:04:55  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.79 Mbit/s  
95th percentile per-packet one-way delay: 55.473 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 55.92 Mbit/s  
95th percentile per-packet one-way delay: 55.362 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 38.81 Mbit/s  
95th percentile per-packet one-way delay: 55.502 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 30.31 Mbit/s  
95th percentile per-packet one-way delay: 56.584 ms  
Loss rate: 0.66%

## Run 5: Report of LEDBAT — Data Link

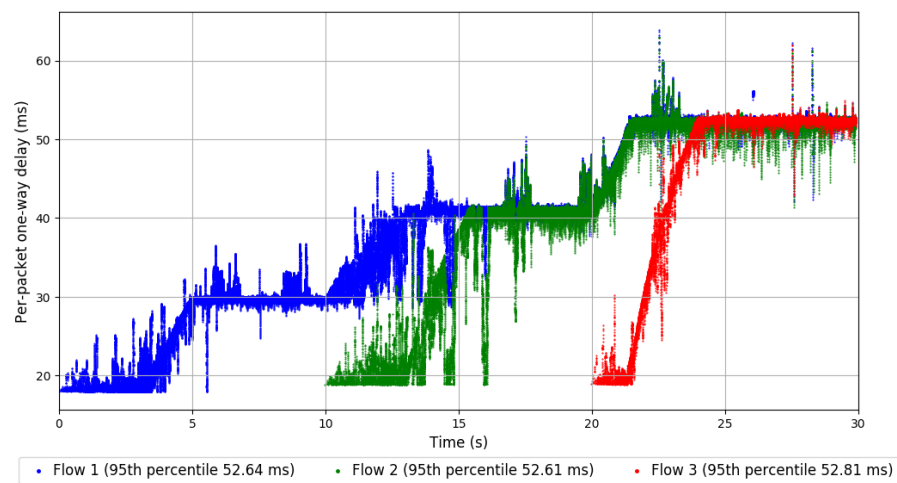
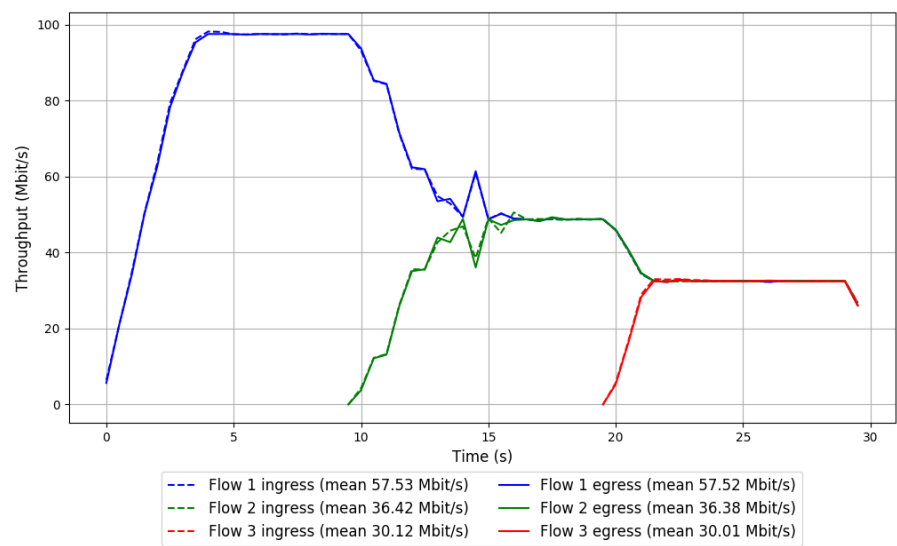


Run 6: Statistics of LEDBAT

Start at: 2017-09-18 01:11:02  
End at: 2017-09-18 01:11:32  
Local clock offset: -2.214 ms  
Remote clock offset: -3.858 ms

# Below is generated by plot.py at 2017-09-18 07:04:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 52.668 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 57.52 Mbit/s  
95th percentile per-packet one-way delay: 52.637 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 36.38 Mbit/s  
95th percentile per-packet one-way delay: 52.609 ms  
Loss rate: 0.28%  
-- Flow 3:  
Average throughput: 30.01 Mbit/s  
95th percentile per-packet one-way delay: 52.814 ms  
Loss rate: 0.68%

Run 6: Report of LEDBAT — Data Link

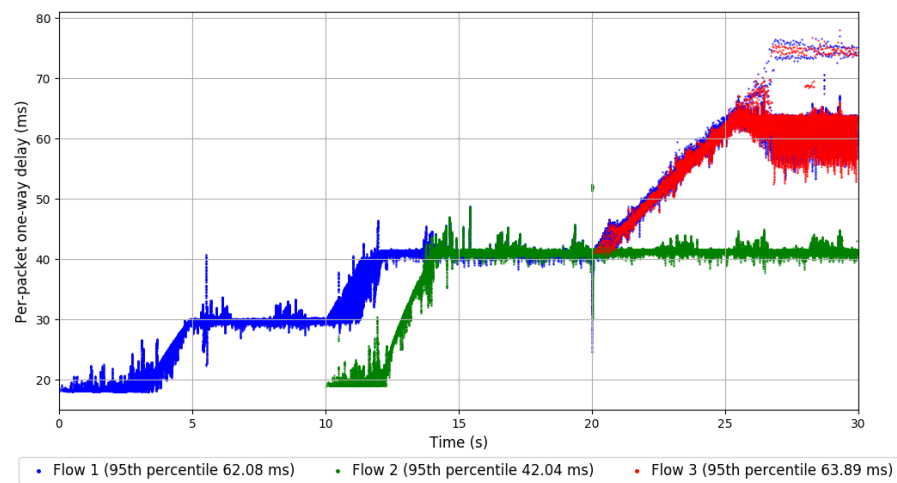
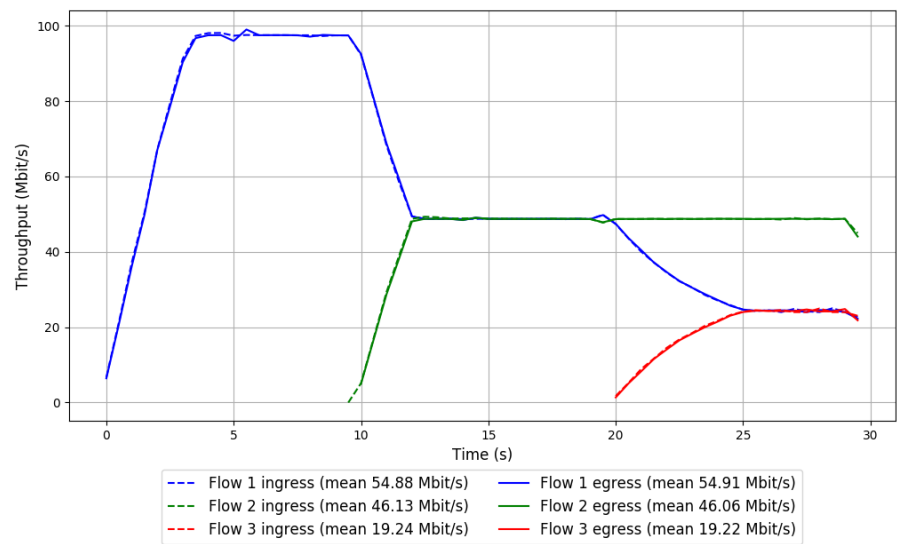


Run 7: Statistics of LEDBAT

Start at: 2017-09-18 01:50:01  
End at: 2017-09-18 01:50:31  
Local clock offset: -1.677 ms  
Remote clock offset: -3.501 ms

# Below is generated by plot.py at 2017-09-18 07:05:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.94 Mbit/s  
95th percentile per-packet one-way delay: 62.340 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 54.91 Mbit/s  
95th percentile per-packet one-way delay: 62.081 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 46.06 Mbit/s  
95th percentile per-packet one-way delay: 42.041 ms  
Loss rate: 0.27%  
-- Flow 3:  
Average throughput: 19.22 Mbit/s  
95th percentile per-packet one-way delay: 63.886 ms  
Loss rate: 0.89%

Run 7: Report of LEDBAT — Data Link



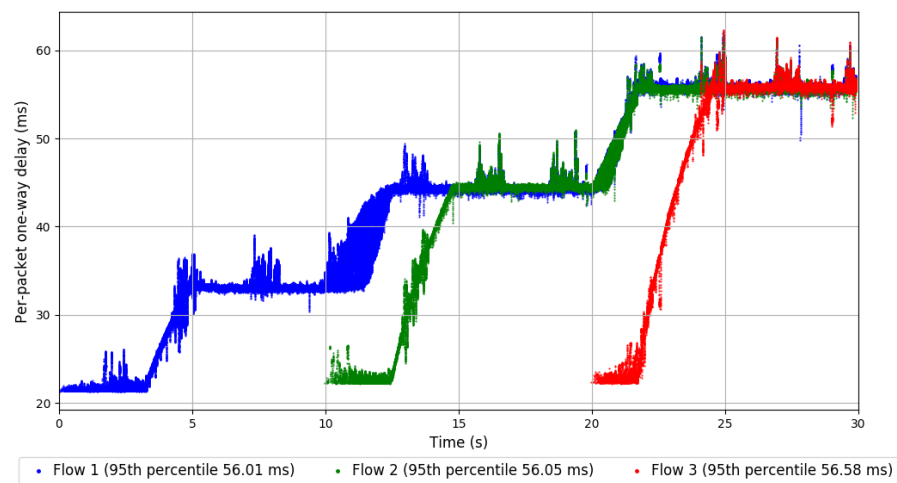
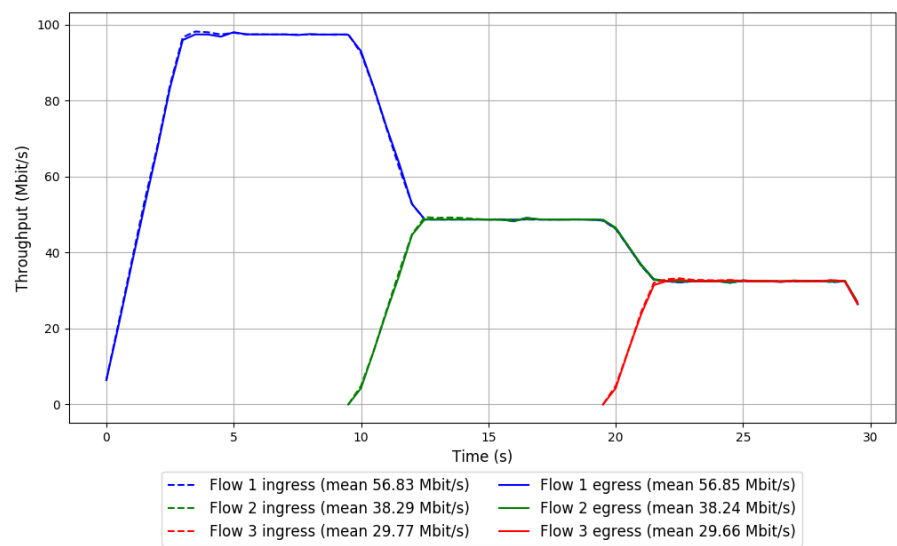
Run 8: Statistics of LEDBAT

Start at: 2017-09-18 02:10:06  
End at: 2017-09-18 02:10:36  
Local clock offset: 1.288 ms  
Remote clock offset: -4.028 ms

# Below is generated by plot.py at 2017-09-18 07:05:28  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 92.19 Mbit/s  
95th percentile per-packet one-way delay: 56.086 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 56.85 Mbit/s  
95th percentile per-packet one-way delay: 56.012 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 38.24 Mbit/s  
95th percentile per-packet one-way delay: 56.049 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 29.66 Mbit/s  
95th percentile per-packet one-way delay: 56.583 ms  
Loss rate: 0.68%



Run 8: Report of LEDBAT — Data Link

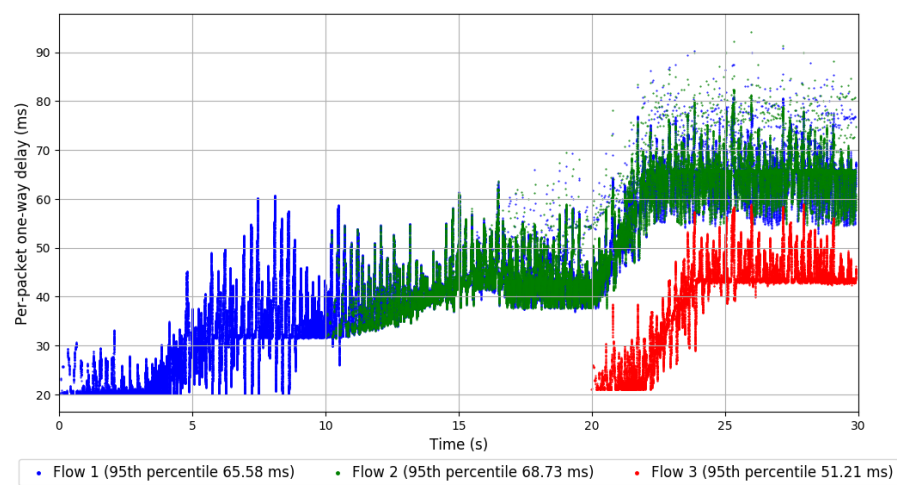
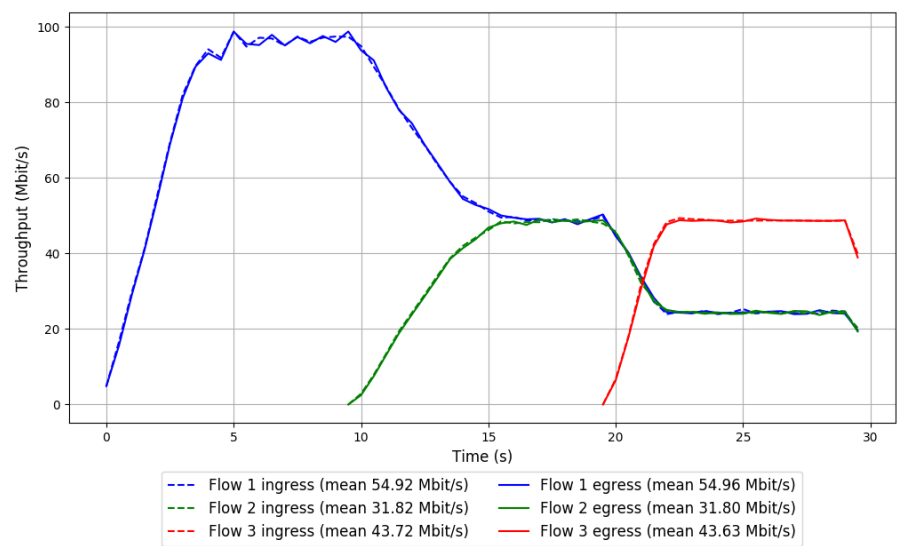


Run 9: Statistics of LEDBAT

Start at: 2017-09-18 02:31:17  
End at: 2017-09-18 02:31:47  
Local clock offset: 0.144 ms  
Remote clock offset: -4.149 ms

# Below is generated by plot.py at 2017-09-18 07:06:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 90.63 Mbit/s  
95th percentile per-packet one-way delay: 65.814 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 54.96 Mbit/s  
95th percentile per-packet one-way delay: 65.583 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 31.80 Mbit/s  
95th percentile per-packet one-way delay: 68.727 ms  
Loss rate: 0.29%  
-- Flow 3:  
Average throughput: 43.63 Mbit/s  
95th percentile per-packet one-way delay: 51.207 ms  
Loss rate: 0.60%

Run 9: Report of LEDBAT — Data Link

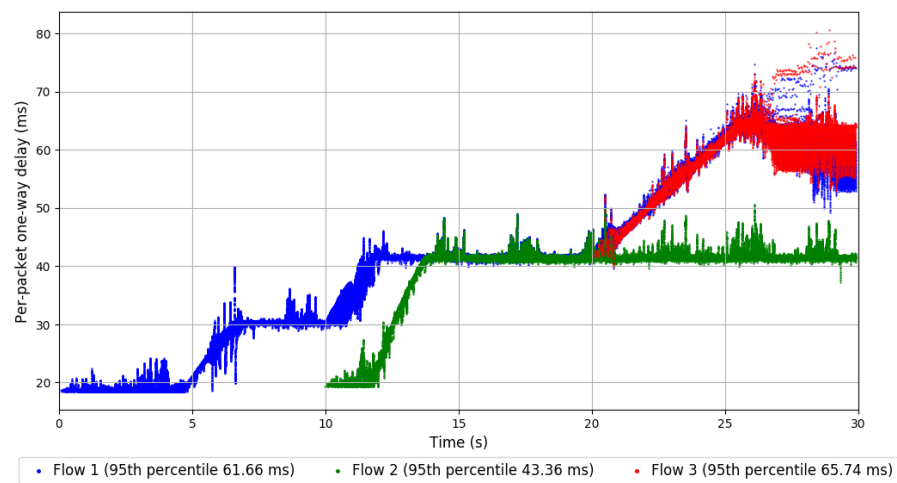
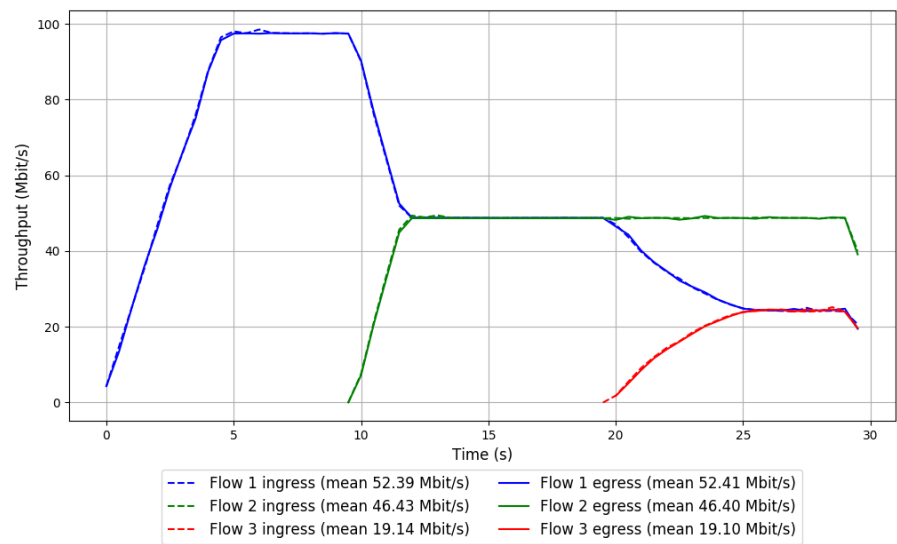


Run 10: Statistics of LEDBAT

Start at: 2017-09-18 03:09:18  
End at: 2017-09-18 03:09:48  
Local clock offset: -2.628 ms  
Remote clock offset: -5.241 ms

# Below is generated by plot.py at 2017-09-18 07:06:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 89.68 Mbit/s  
95th percentile per-packet one-way delay: 62.530 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 52.41 Mbit/s  
95th percentile per-packet one-way delay: 61.661 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 46.40 Mbit/s  
95th percentile per-packet one-way delay: 43.360 ms  
Loss rate: 0.27%  
-- Flow 3:  
Average throughput: 19.10 Mbit/s  
95th percentile per-packet one-way delay: 65.740 ms  
Loss rate: 0.87%

Run 10: Report of LEDBAT — Data Link

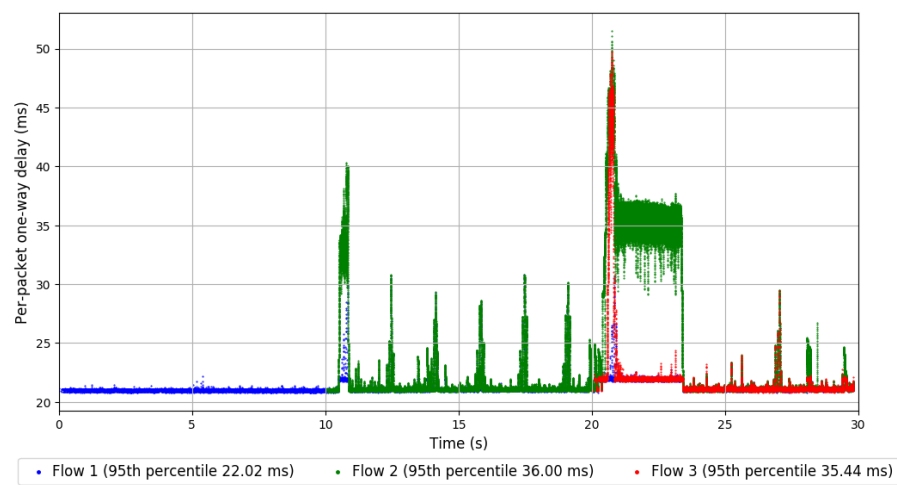
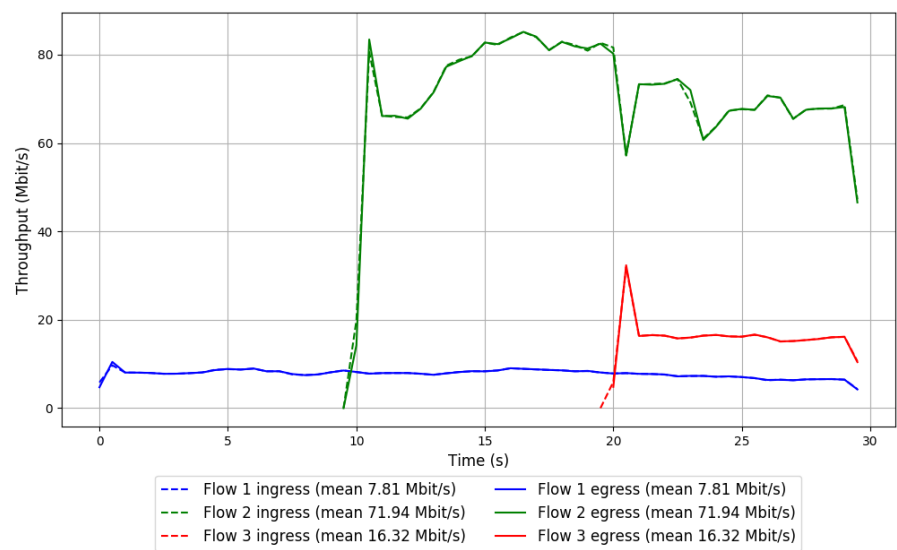


Run 1: Statistics of PCC

Start at: 2017-09-17 23:33:14  
End at: 2017-09-17 23:33:44  
Local clock offset: -0.584 ms  
Remote clock offset: -2.736 ms

# Below is generated by plot.py at 2017-09-18 07:06:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 61.05 Mbit/s  
95th percentile per-packet one-way delay: 35.789 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 7.81 Mbit/s  
95th percentile per-packet one-way delay: 22.024 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 71.94 Mbit/s  
95th percentile per-packet one-way delay: 36.001 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 16.32 Mbit/s  
95th percentile per-packet one-way delay: 35.435 ms  
Loss rate: 0.27%

Run 1: Report of PCC — Data Link



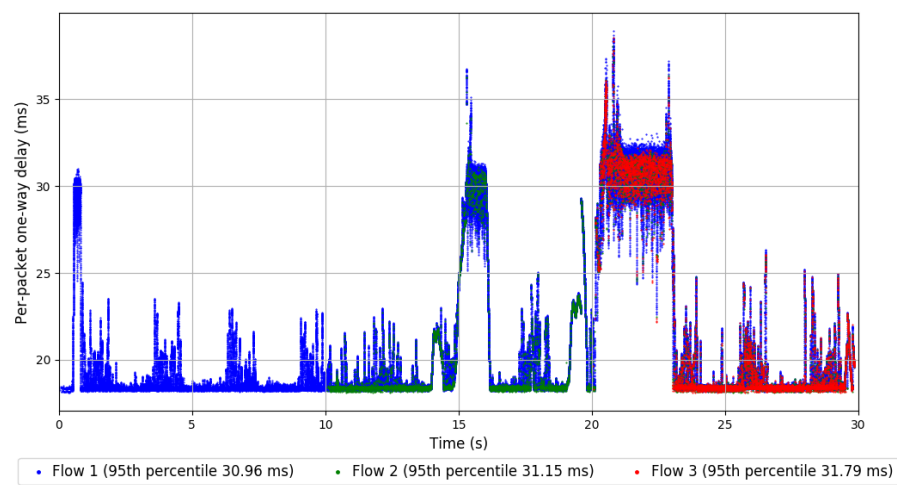
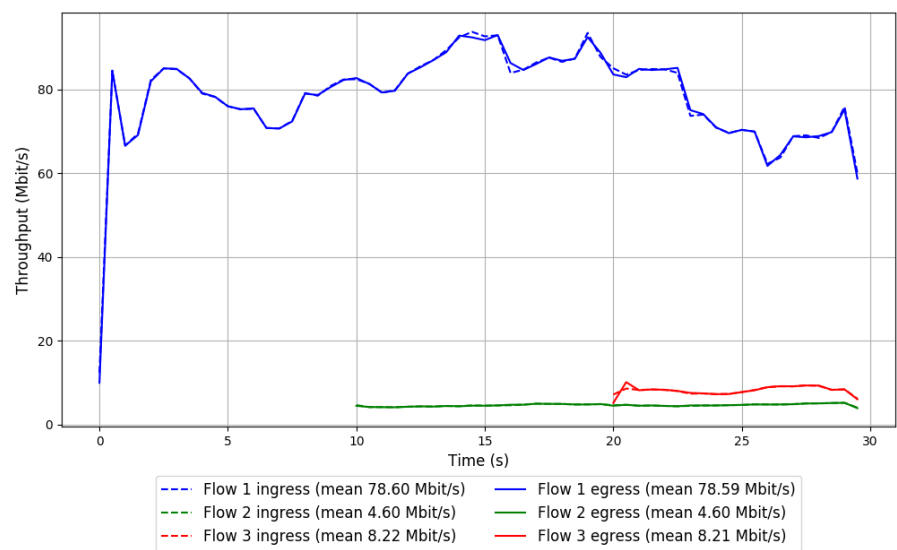
Run 2: Statistics of PCC

Start at: 2017-09-17 23:53:00  
End at: 2017-09-17 23:53:30  
Local clock offset: -3.707 ms  
Remote clock offset: -3.471 ms

# Below is generated by plot.py at 2017-09-18 07:06:04  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 84.35 Mbit/s  
95th percentile per-packet one-way delay: 31.040 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 78.59 Mbit/s  
95th percentile per-packet one-way delay: 30.962 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 4.60 Mbit/s  
95th percentile per-packet one-way delay: 31.151 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 8.21 Mbit/s  
95th percentile per-packet one-way delay: 31.794 ms  
Loss rate: 0.30%



Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-09-18 00:13:33

End at: 2017-09-18 00:14:03

Local clock offset: 0.739 ms

Remote clock offset: -2.5 ms

# Below is generated by plot.py at 2017-09-18 07:06:13

# Datalink statistics

-- Total of 3 flows:

Average throughput: 83.79 Mbit/s

95th percentile per-packet one-way delay: 35.664 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 70.67 Mbit/s

95th percentile per-packet one-way delay: 35.639 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 17.66 Mbit/s

95th percentile per-packet one-way delay: 35.851 ms

Loss rate: 0.16%

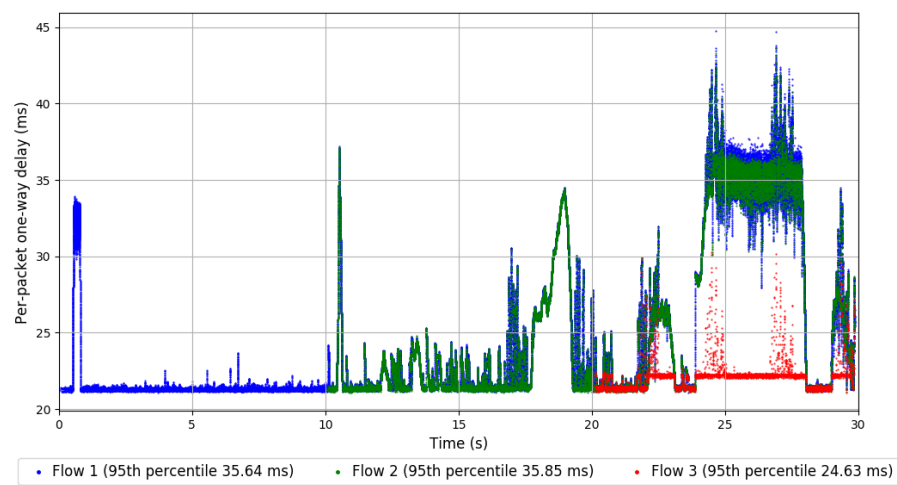
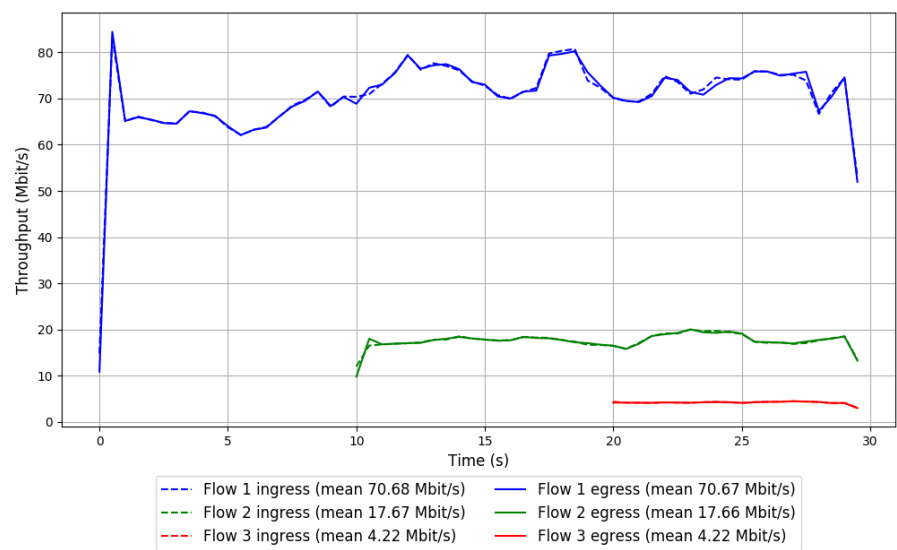
-- Flow 3:

Average throughput: 4.22 Mbit/s

95th percentile per-packet one-way delay: 24.629 ms

Loss rate: 0.32%

Run 3: Report of PCC — Data Link

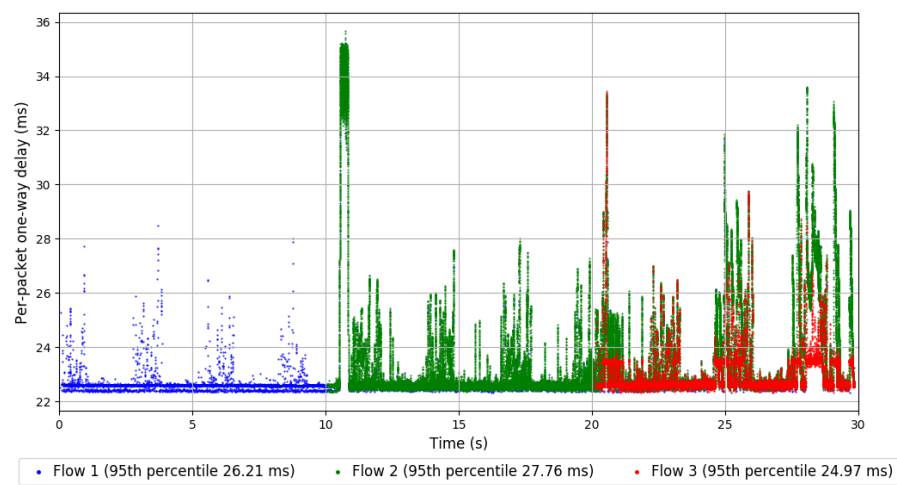
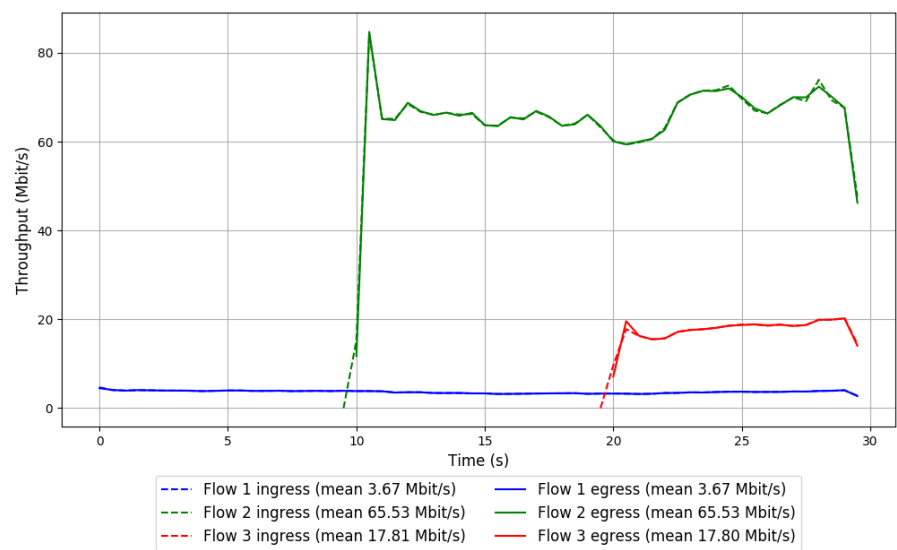


Run 4: Statistics of PCC

Start at: 2017-09-18 00:34:40  
End at: 2017-09-18 00:35:10  
Local clock offset: 0.944 ms  
Remote clock offset: -4.056 ms

# Below is generated by plot.py at 2017-09-18 07:06:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 53.11 Mbit/s  
95th percentile per-packet one-way delay: 27.384 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 3.67 Mbit/s  
95th percentile per-packet one-way delay: 26.206 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 65.53 Mbit/s  
95th percentile per-packet one-way delay: 27.757 ms  
Loss rate: 0.17%  
-- Flow 3:  
Average throughput: 17.80 Mbit/s  
95th percentile per-packet one-way delay: 24.966 ms  
Loss rate: 0.38%

Run 4: Report of PCC — Data Link

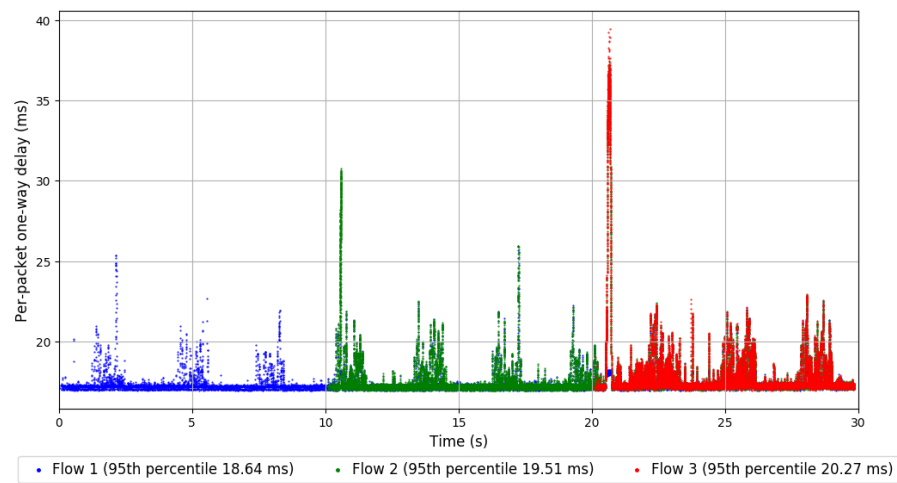
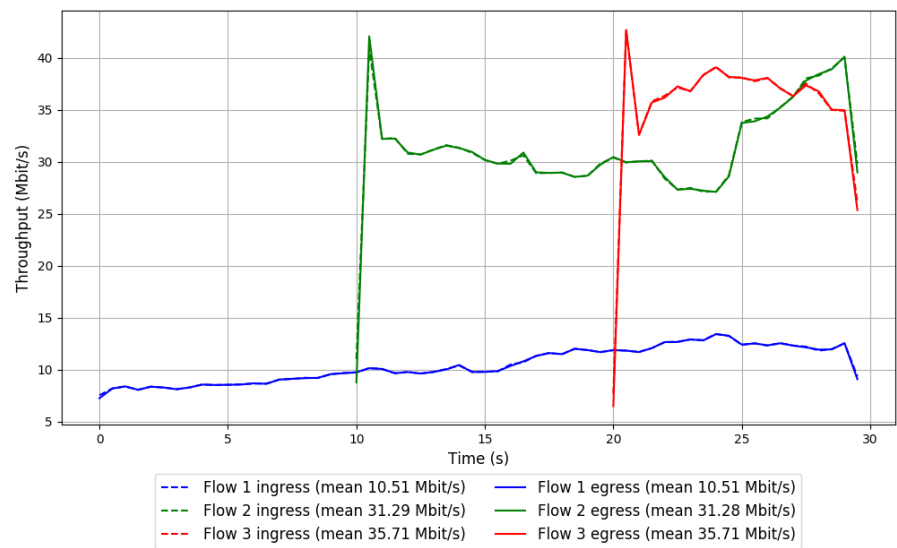


Run 5: Statistics of PCC

Start at: 2017-09-18 00:55:12  
End at: 2017-09-18 00:55:42  
Local clock offset: -2.76 ms  
Remote clock offset: -3.123 ms

# Below is generated by plot.py at 2017-09-18 07:06:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 43.03 Mbit/s  
95th percentile per-packet one-way delay: 19.493 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 10.51 Mbit/s  
95th percentile per-packet one-way delay: 18.637 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 31.28 Mbit/s  
95th percentile per-packet one-way delay: 19.514 ms  
Loss rate: 0.18%  
-- Flow 3:  
Average throughput: 35.71 Mbit/s  
95th percentile per-packet one-way delay: 20.267 ms  
Loss rate: 0.28%

Run 5: Report of PCC — Data Link



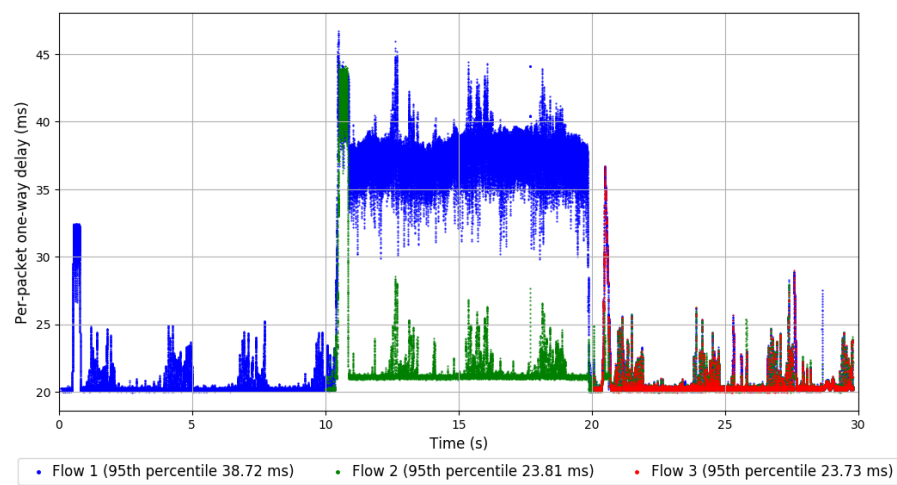
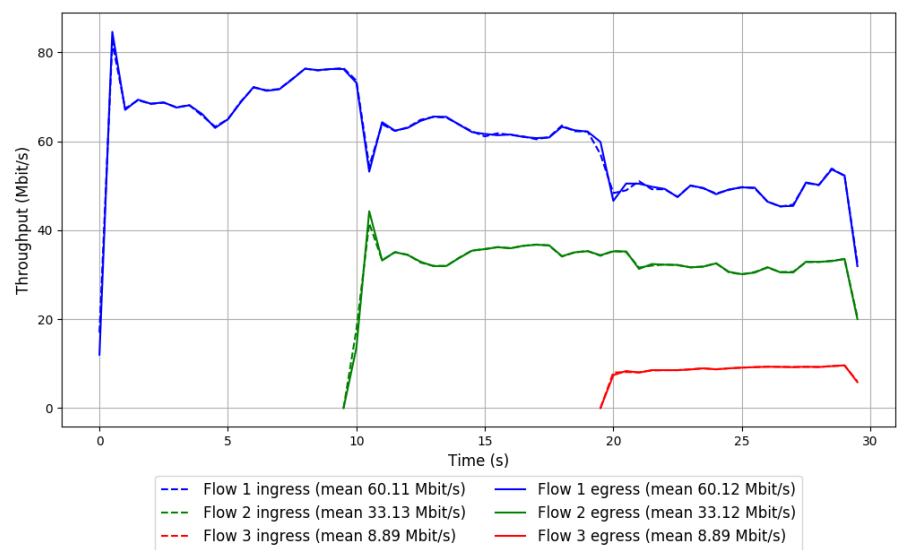
Run 6: Statistics of PCC

Start at: 2017-09-18 01:15:21  
End at: 2017-09-18 01:15:51  
Local clock offset: 1.364 ms  
Remote clock offset: -2.485 ms

# Below is generated by plot.py at 2017-09-18 07:06:47  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 85.10 Mbit/s  
95th percentile per-packet one-way delay: 38.510 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 60.12 Mbit/s  
95th percentile per-packet one-way delay: 38.717 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 33.12 Mbit/s  
95th percentile per-packet one-way delay: 23.809 ms  
Loss rate: 0.14%  
-- Flow 3:  
Average throughput: 8.89 Mbit/s  
95th percentile per-packet one-way delay: 23.731 ms  
Loss rate: 0.30%



Run 6: Report of PCC — Data Link

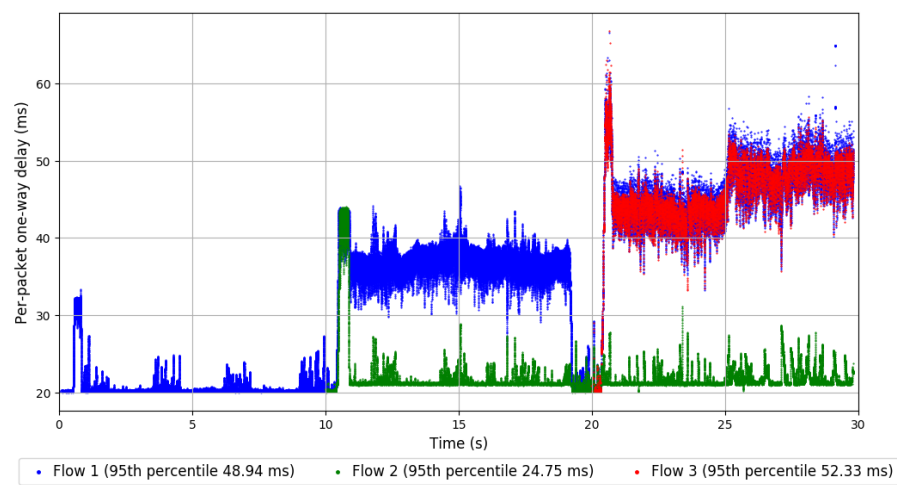
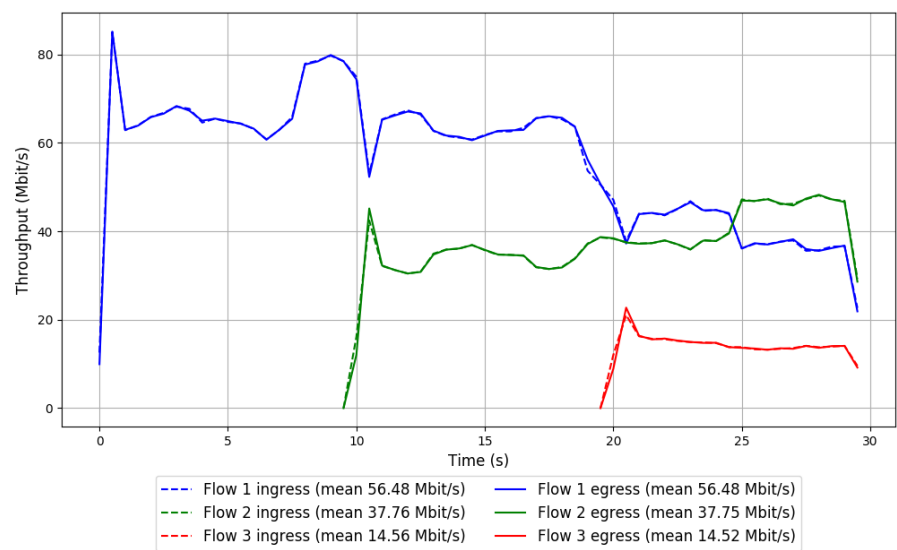


Run 7: Statistics of PCC

Start at: 2017-09-18 01:54:02  
End at: 2017-09-18 01:54:32  
Local clock offset: 0.447 ms  
Remote clock offset: -3.518 ms

# Below is generated by plot.py at 2017-09-18 07:06:51  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 86.40 Mbit/s  
95th percentile per-packet one-way delay: 48.731 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 56.48 Mbit/s  
95th percentile per-packet one-way delay: 48.943 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 37.75 Mbit/s  
95th percentile per-packet one-way delay: 24.752 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 14.52 Mbit/s  
95th percentile per-packet one-way delay: 52.326 ms  
Loss rate: 0.62%

Run 7: Report of PCC — Data Link

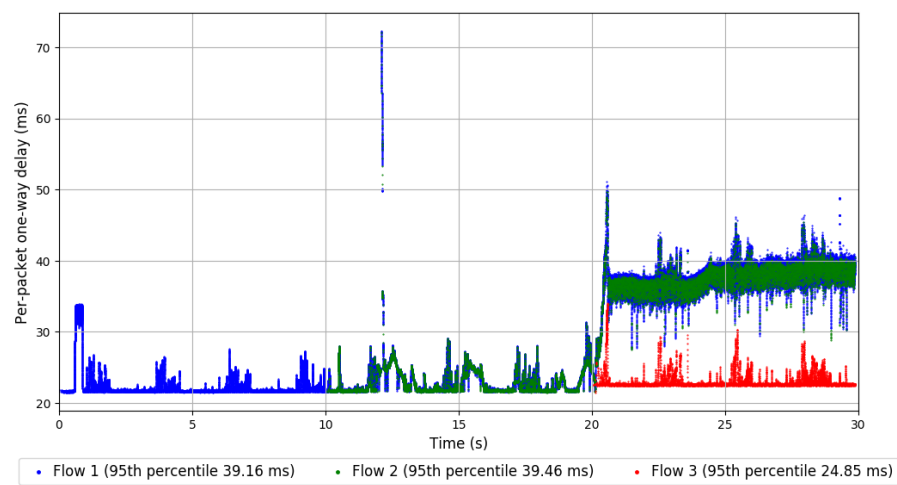
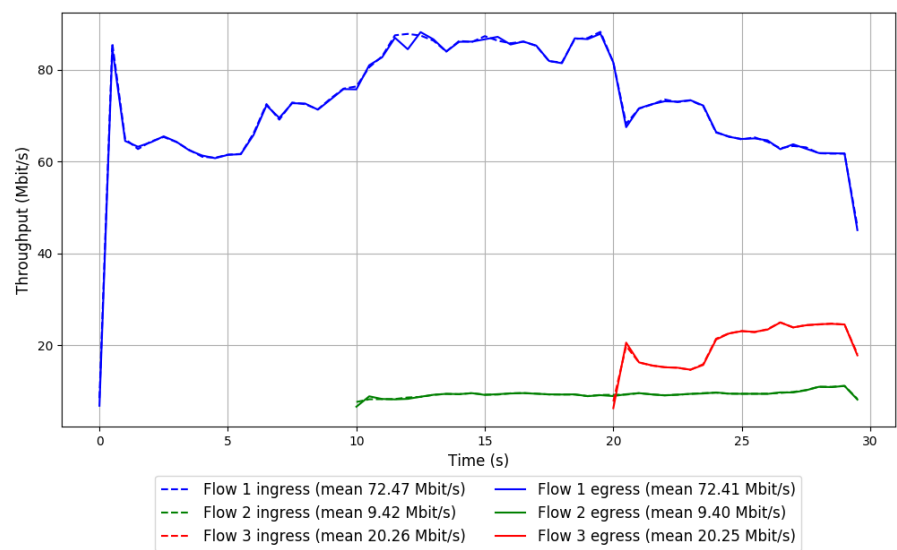


Run 8: Statistics of PCC

Start at: 2017-09-18 02:14:26  
End at: 2017-09-18 02:14:56  
Local clock offset: 1.315 ms  
Remote clock offset: -4.331 ms

# Below is generated by plot.py at 2017-09-18 07:06:54  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 85.31 Mbit/s  
95th percentile per-packet one-way delay: 39.122 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 72.41 Mbit/s  
95th percentile per-packet one-way delay: 39.159 ms  
Loss rate: 0.20%  
-- Flow 2:  
Average throughput: 9.40 Mbit/s  
95th percentile per-packet one-way delay: 39.464 ms  
Loss rate: 0.34%  
-- Flow 3:  
Average throughput: 20.25 Mbit/s  
95th percentile per-packet one-way delay: 24.851 ms  
Loss rate: 0.35%

Run 8: Report of PCC — Data Link

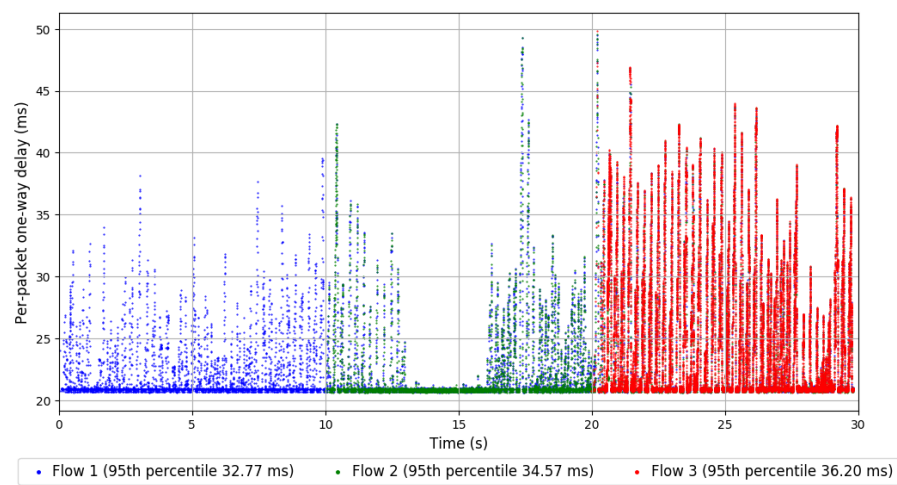
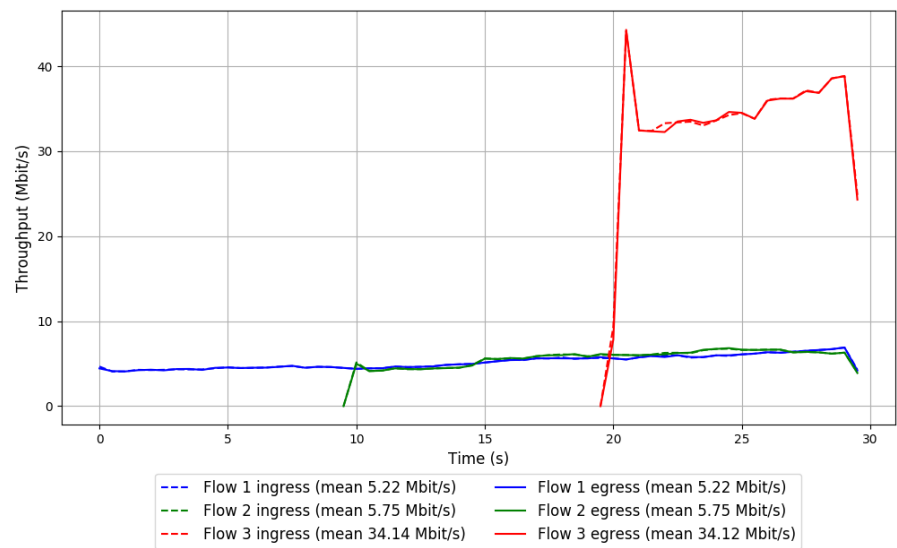


Run 9: Statistics of PCC

Start at: 2017-09-18 02:51:43  
End at: 2017-09-18 02:52:13  
Local clock offset: 0.226 ms  
Remote clock offset: -4.712 ms

# Below is generated by plot.py at 2017-09-18 07:06:54  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 20.29 Mbit/s  
95th percentile per-packet one-way delay: 35.231 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 5.22 Mbit/s  
95th percentile per-packet one-way delay: 32.768 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 5.75 Mbit/s  
95th percentile per-packet one-way delay: 34.567 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 34.12 Mbit/s  
95th percentile per-packet one-way delay: 36.201 ms  
Loss rate: 0.33%

Run 9: Report of PCC — Data Link



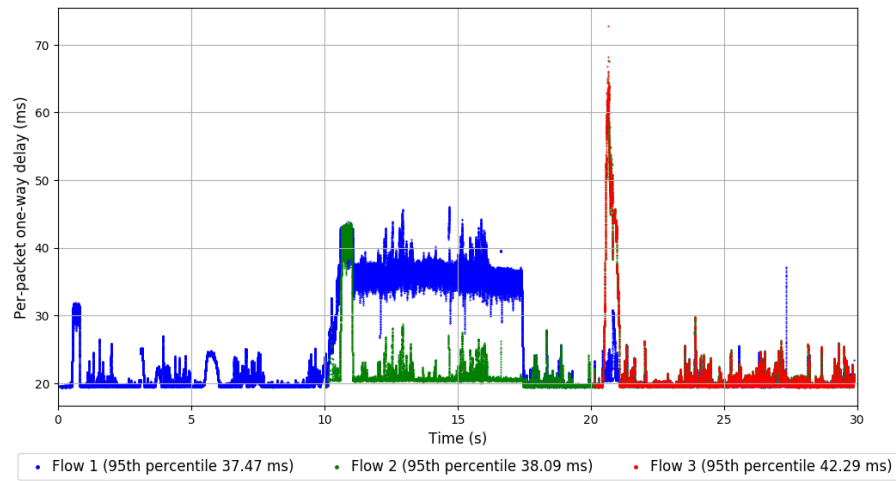
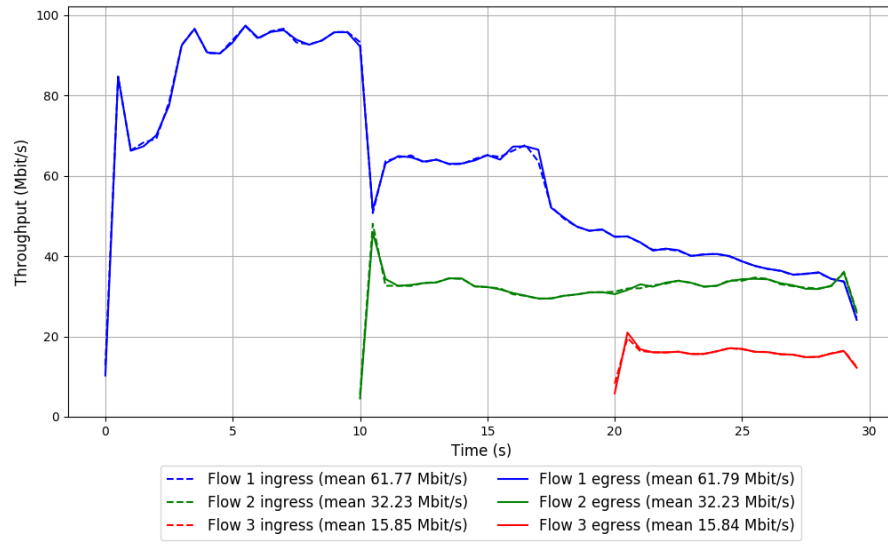
Run 10: Statistics of PCC

Start at: 2017-09-18 03:14:11  
End at: 2017-09-18 03:14:41  
Local clock offset: -0.506 ms  
Remote clock offset: -4.239 ms

# Below is generated by plot.py at 2017-09-18 07:07:20  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 88.41 Mbit/s  
95th percentile per-packet one-way delay: 37.485 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 61.79 Mbit/s  
95th percentile per-packet one-way delay: 37.467 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 32.23 Mbit/s  
95th percentile per-packet one-way delay: 38.090 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 42.287 ms  
Loss rate: 0.31%



# Run 10: Report of PCC — Data Link

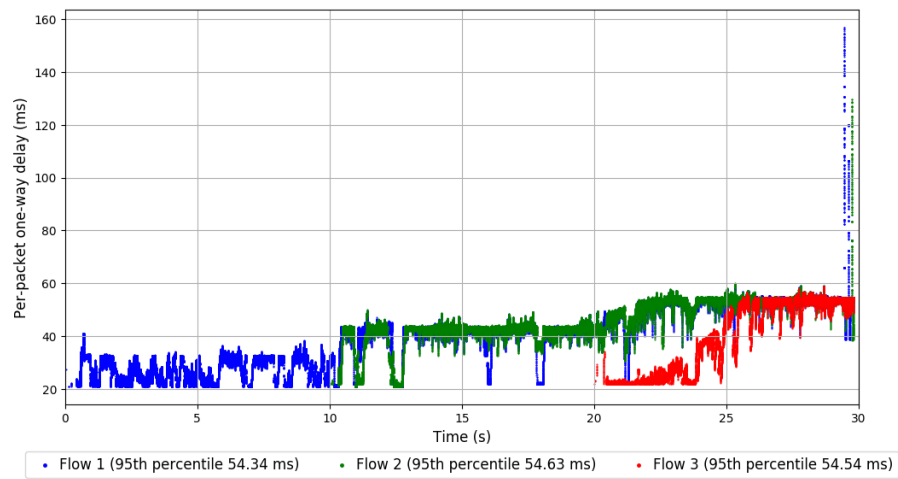
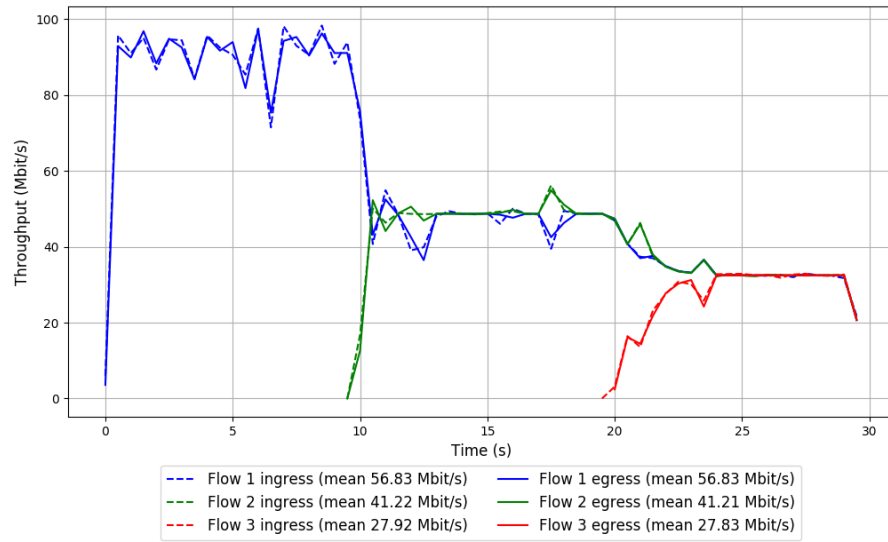


```
Run 1: Statistics of QUIC Cubic

Start at: 2017-09-17 23:43:16
End at: 2017-09-17 23:43:46
Local clock offset: -0.168 ms
Remote clock offset: -2.717 ms

# Below is generated by plot.py at 2017-09-18 07:07:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 54.497 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 54.336 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.21 Mbit/s
95th percentile per-packet one-way delay: 54.627 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 54.541 ms
Loss rate: 0.70%
```

## Run 1: Report of QUIC Cubic — Data Link

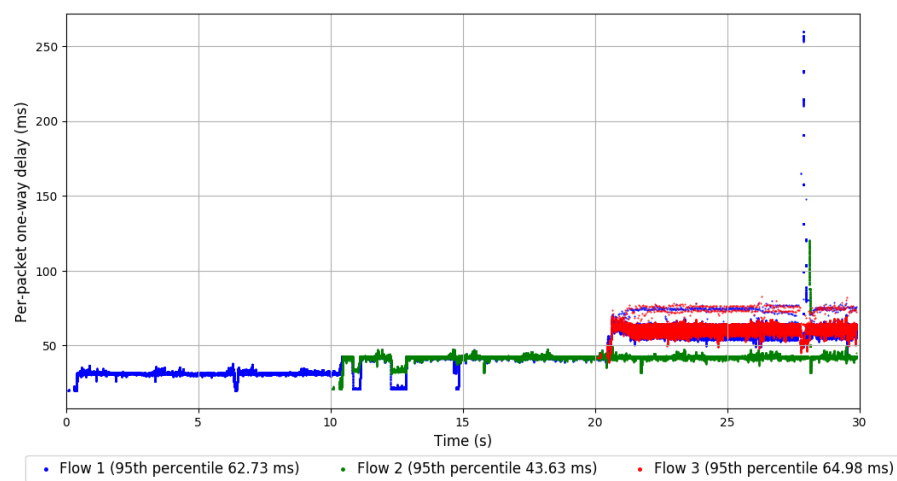
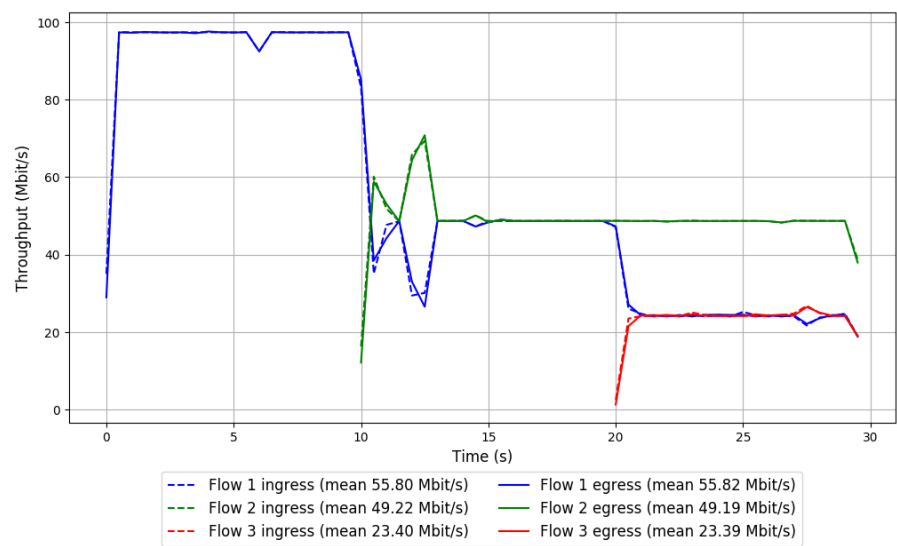


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-18 00:04:10  
End at: 2017-09-18 00:04:40  
Local clock offset: -1.108 ms  
Remote clock offset: -2.903 ms

# Below is generated by plot.py at 2017-09-18 07:07:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.19 Mbit/s  
95th percentile per-packet one-way delay: 63.461 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 55.82 Mbit/s  
95th percentile per-packet one-way delay: 62.729 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 49.19 Mbit/s  
95th percentile per-packet one-way delay: 43.626 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 23.39 Mbit/s  
95th percentile per-packet one-way delay: 64.983 ms  
Loss rate: 0.68%

Run 2: Report of QUIC Cubic — Data Link

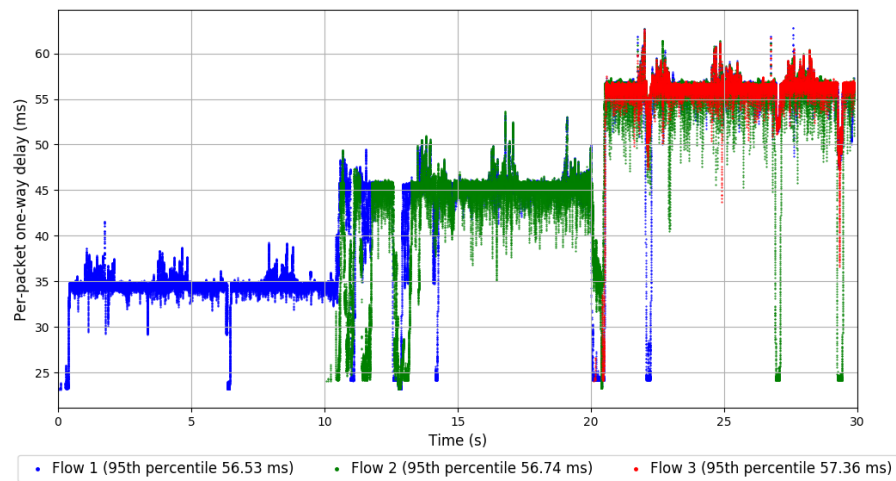
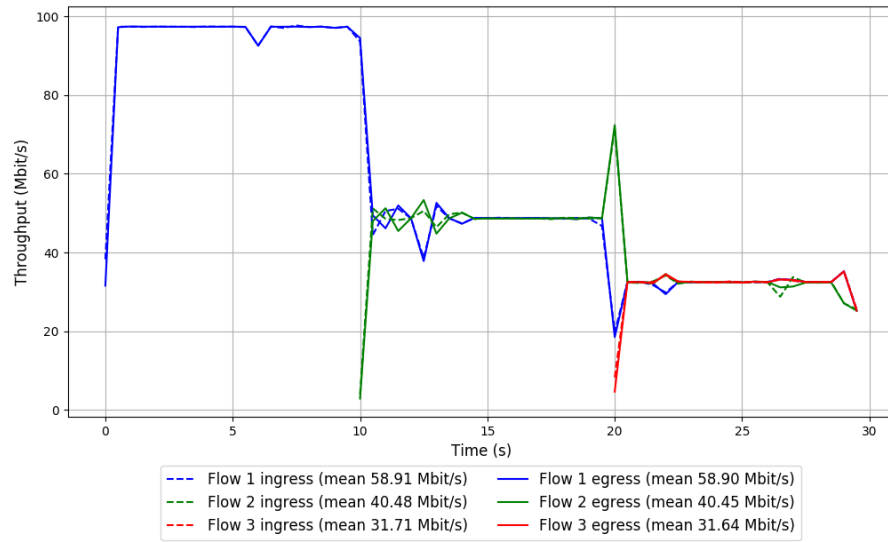


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-18 00:24:43  
End at: 2017-09-18 00:25:13  
Local clock offset: 1.381 ms  
Remote clock offset: -3.941 ms

# Below is generated by plot.py at 2017-09-18 07:07:40  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.12 Mbit/s  
95th percentile per-packet one-way delay: 56.689 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 58.90 Mbit/s  
95th percentile per-packet one-way delay: 56.527 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.45 Mbit/s  
95th percentile per-packet one-way delay: 56.739 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.64 Mbit/s  
95th percentile per-packet one-way delay: 57.358 ms  
Loss rate: 0.63%

### Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 00:45:41

End at: 2017-09-18 00:46:11

Local clock offset: -2.459 ms

Remote clock offset: -3.21 ms

# Below is generated by plot.py at 2017-09-18 07:07:40

# Datalink statistics

-- Total of 3 flows:

Average throughput: 90.33 Mbit/s

95th percentile per-packet one-way delay: 61.477 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 49.75 Mbit/s

95th percentile per-packet one-way delay: 61.185 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 49.21 Mbit/s

95th percentile per-packet one-way delay: 42.075 ms

Loss rate: 0.25%

-- Flow 3:

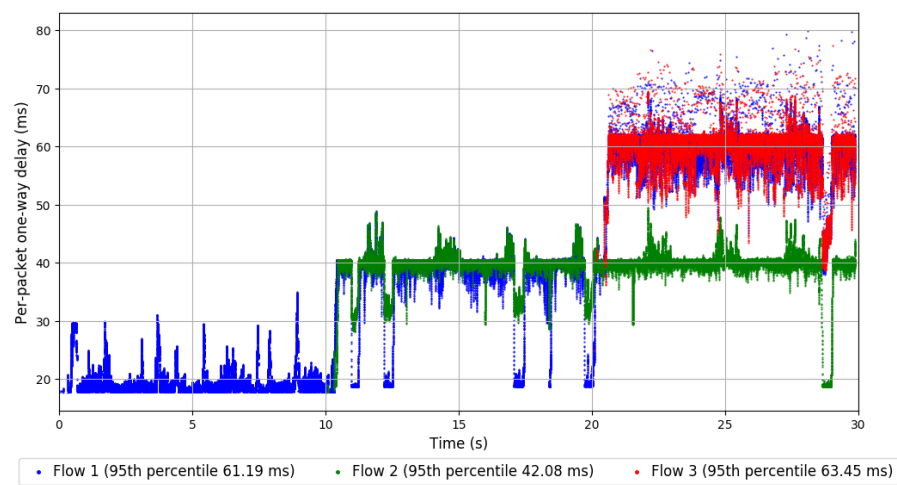
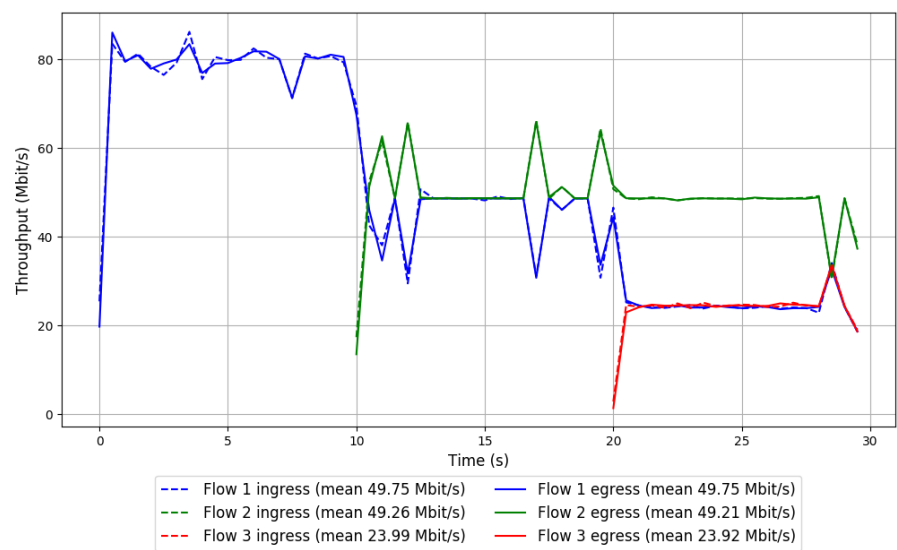
Average throughput: 23.92 Mbit/s

95th percentile per-packet one-way delay: 63.454 ms

Loss rate: 0.67%



Run 4: Report of QUIC Cubic — Data Link

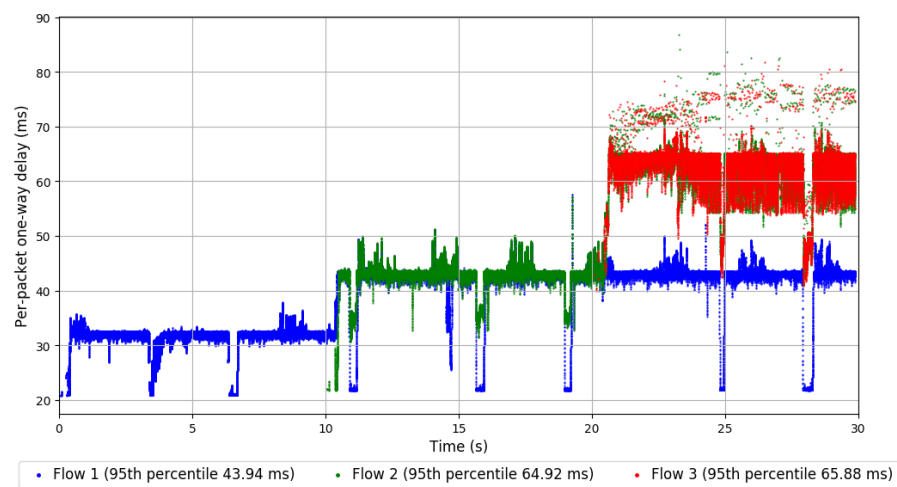
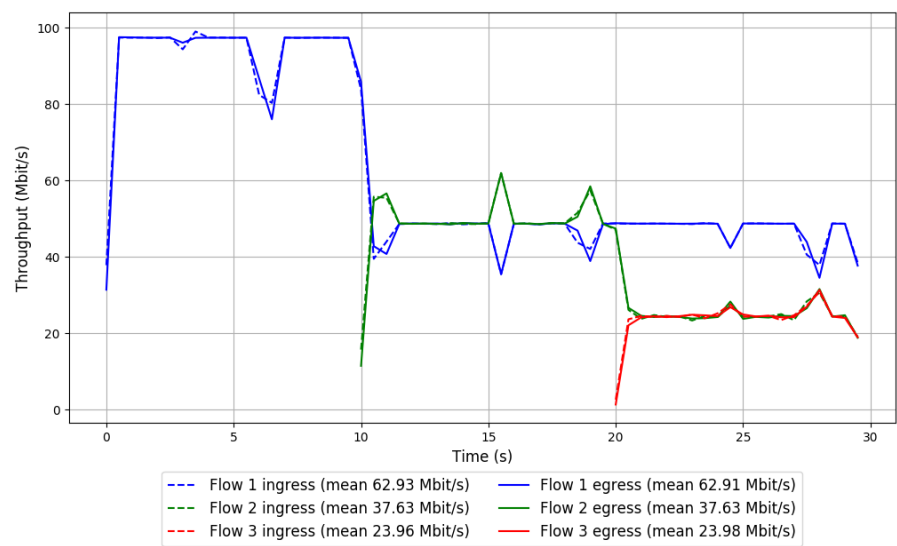


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 01:05:58  
End at: 2017-09-18 01:06:28  
Local clock offset: 1.248 ms  
Remote clock offset: -3.198 ms

# Below is generated by plot.py at 2017-09-18 07:08:23  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.78 Mbit/s  
95th percentile per-packet one-way delay: 64.352 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 62.91 Mbit/s  
95th percentile per-packet one-way delay: 43.939 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 37.63 Mbit/s  
95th percentile per-packet one-way delay: 64.921 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 23.98 Mbit/s  
95th percentile per-packet one-way delay: 65.880 ms  
Loss rate: 0.70%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

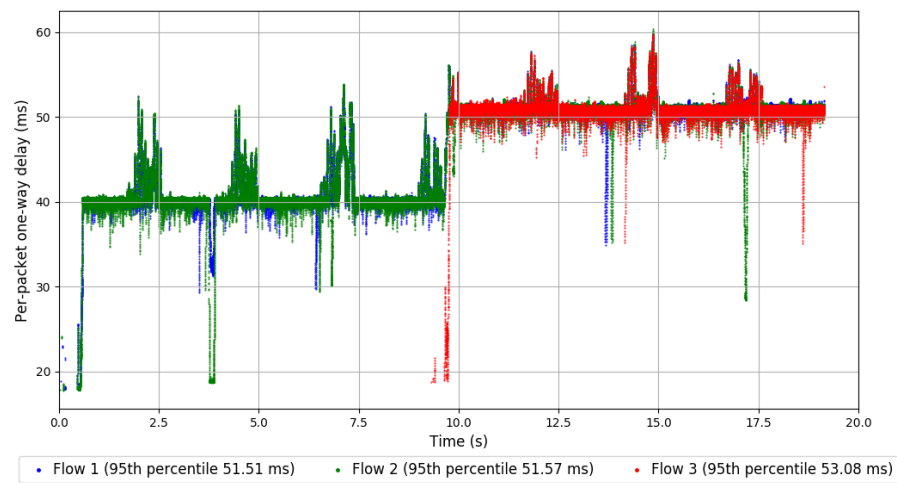
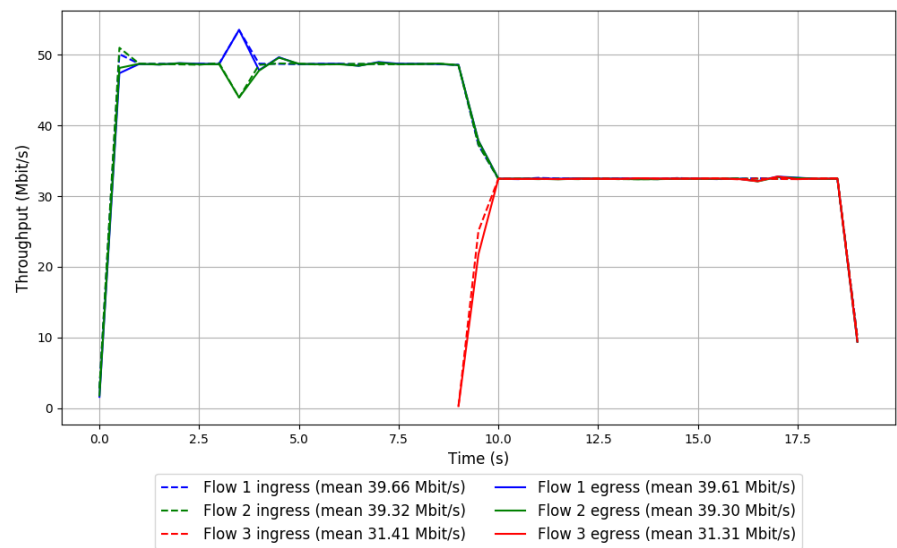
Start at: 2017-09-18 01:44:56

End at: 2017-09-18 01:45:26

Local clock offset: -1.892 ms

Remote clock offset: -3.521 ms

Run 6: Report of QUIC Cubic — Data Link

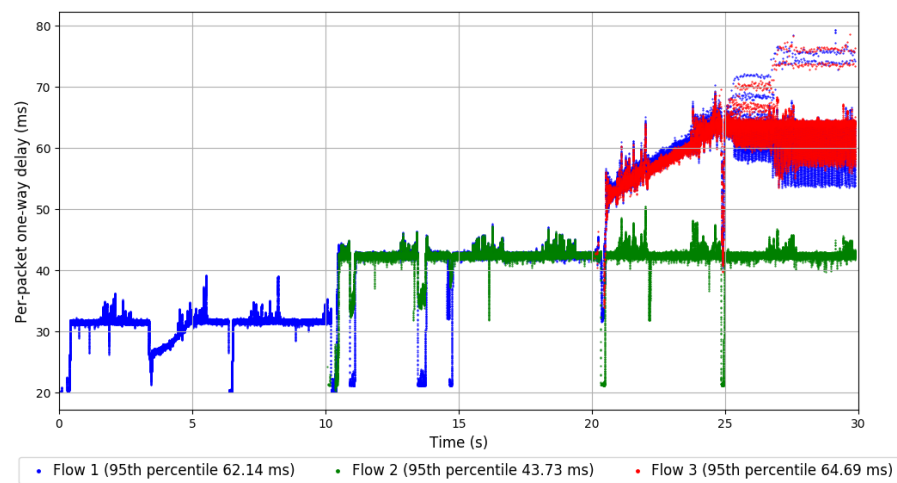
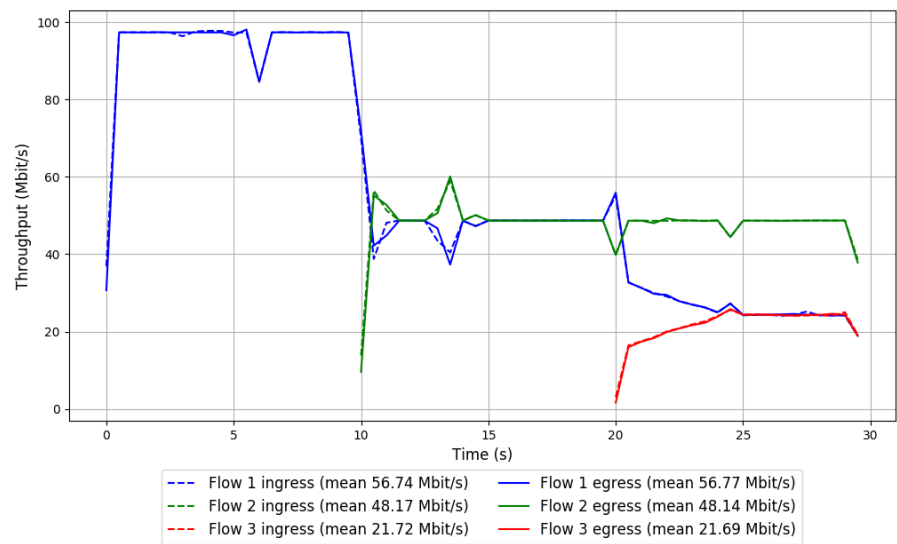


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 02:04:53  
End at: 2017-09-18 02:05:23  
Local clock offset: 0.161 ms  
Remote clock offset: -4.162 ms

# Below is generated by plot.py at 2017-09-18 07:08:34  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.84 Mbit/s  
95th percentile per-packet one-way delay: 63.043 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 56.77 Mbit/s  
95th percentile per-packet one-way delay: 62.136 ms  
Loss rate: 0.09%  
-- Flow 2:  
Average throughput: 48.14 Mbit/s  
95th percentile per-packet one-way delay: 43.729 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 21.69 Mbit/s  
95th percentile per-packet one-way delay: 64.689 ms  
Loss rate: 0.81%

Run 7: Report of QUIC Cubic — Data Link



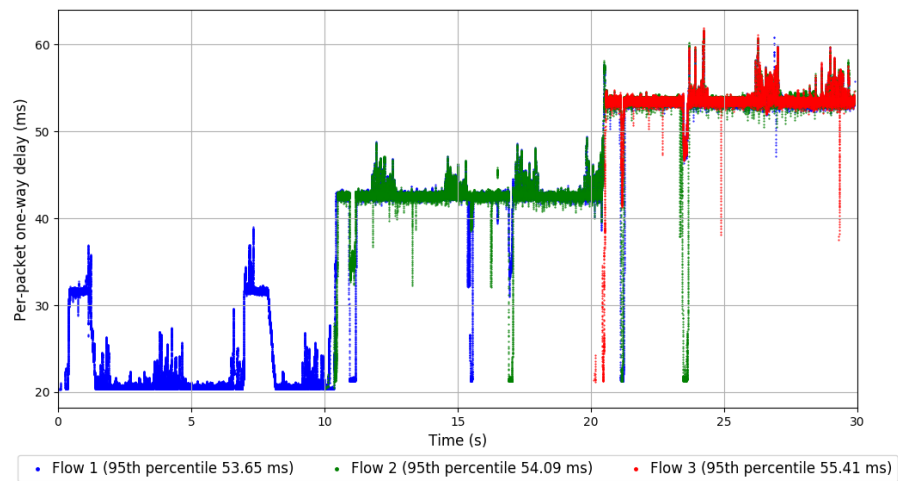
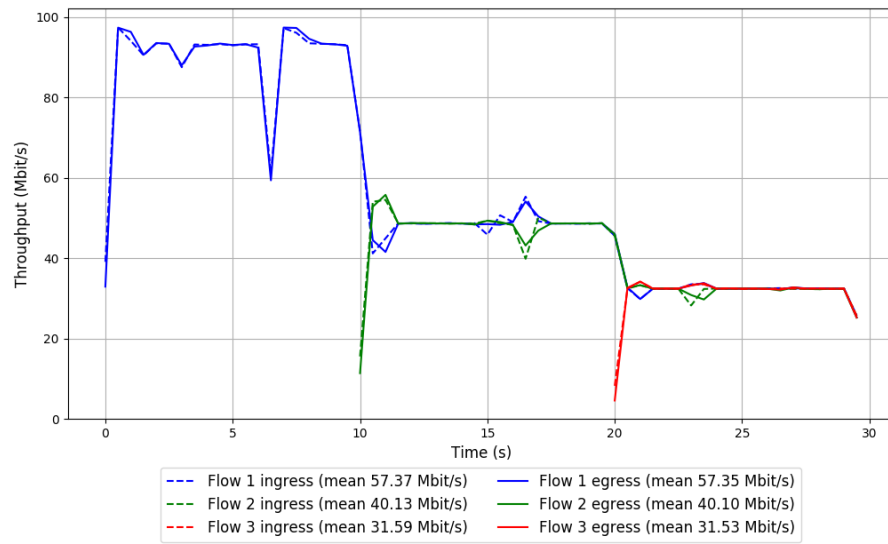
Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 02:25:54  
End at: 2017-09-18 02:26:24  
Local clock offset: -0.022 ms  
Remote clock offset: -4.522 ms

# Below is generated by plot.py at 2017-09-18 07:08:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 94.36 Mbit/s  
95th percentile per-packet one-way delay: 53.934 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 57.35 Mbit/s  
95th percentile per-packet one-way delay: 53.650 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 40.10 Mbit/s  
95th percentile per-packet one-way delay: 54.094 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.53 Mbit/s  
95th percentile per-packet one-way delay: 55.409 ms  
Loss rate: 0.63%



## Run 8: Report of QUIC Cubic — Data Link

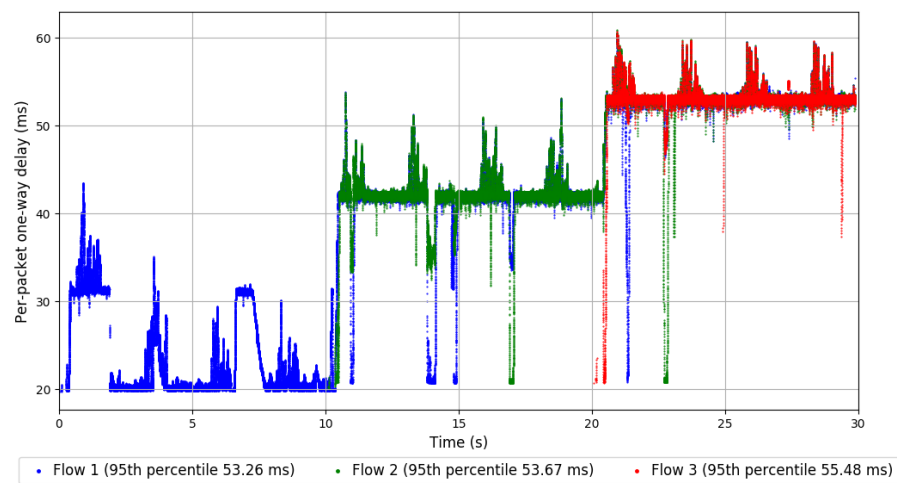
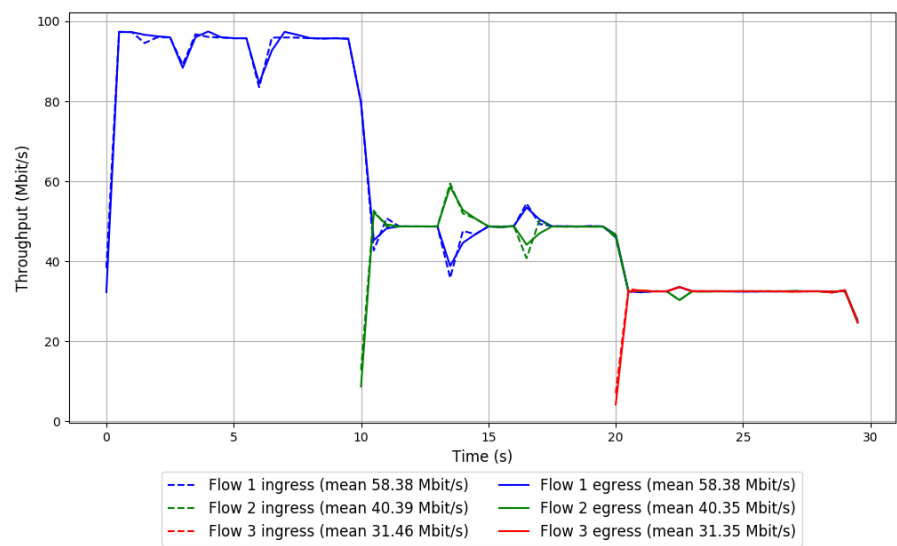


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 03:04:19  
End at: 2017-09-18 03:04:49  
Local clock offset: -0.65 ms  
Remote clock offset: -4.758 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.46 Mbit/s  
95th percentile per-packet one-way delay: 53.457 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 58.38 Mbit/s  
95th percentile per-packet one-way delay: 53.258 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.35 Mbit/s  
95th percentile per-packet one-way delay: 53.668 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.35 Mbit/s  
95th percentile per-packet one-way delay: 55.484 ms  
Loss rate: 0.64%

Run 9: Report of QUIC Cubic — Data Link

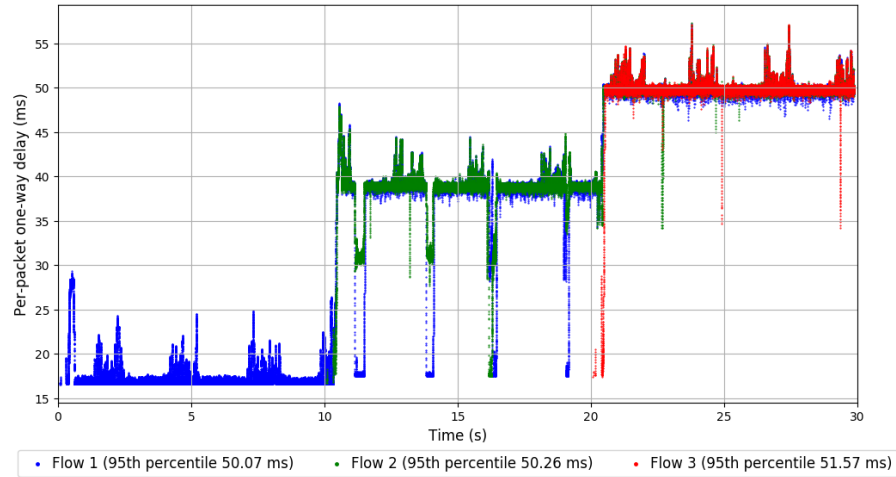
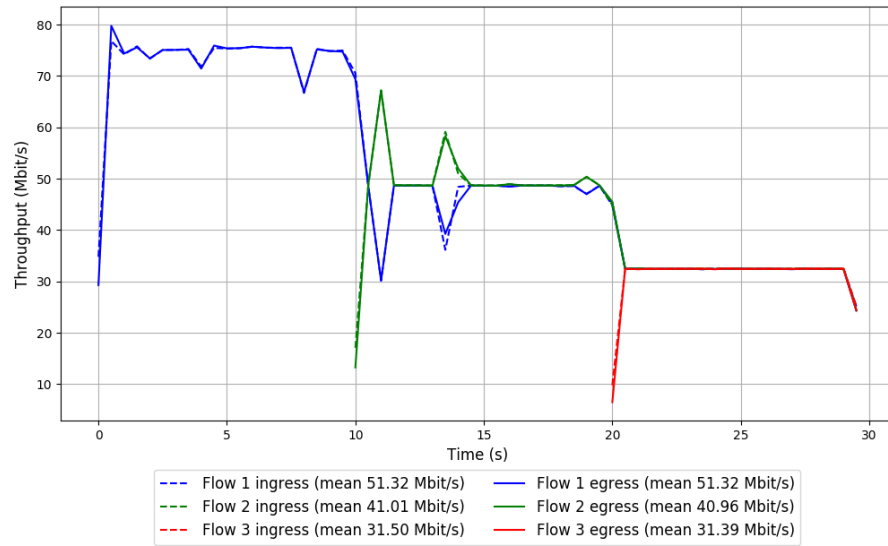


Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 03:27:06  
End at: 2017-09-18 03:27:36  
Local clock offset: -3.481 ms  
Remote clock offset: -4.484 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 88.84 Mbit/s  
95th percentile per-packet one-way delay: 50.242 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 51.32 Mbit/s  
95th percentile per-packet one-way delay: 50.070 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 40.96 Mbit/s  
95th percentile per-packet one-way delay: 50.264 ms  
Loss rate: 0.24%  
-- Flow 3:  
Average throughput: 31.39 Mbit/s  
95th percentile per-packet one-way delay: 51.571 ms  
Loss rate: 0.65%

# Run 10: Report of QUIC Cubic — Data Link

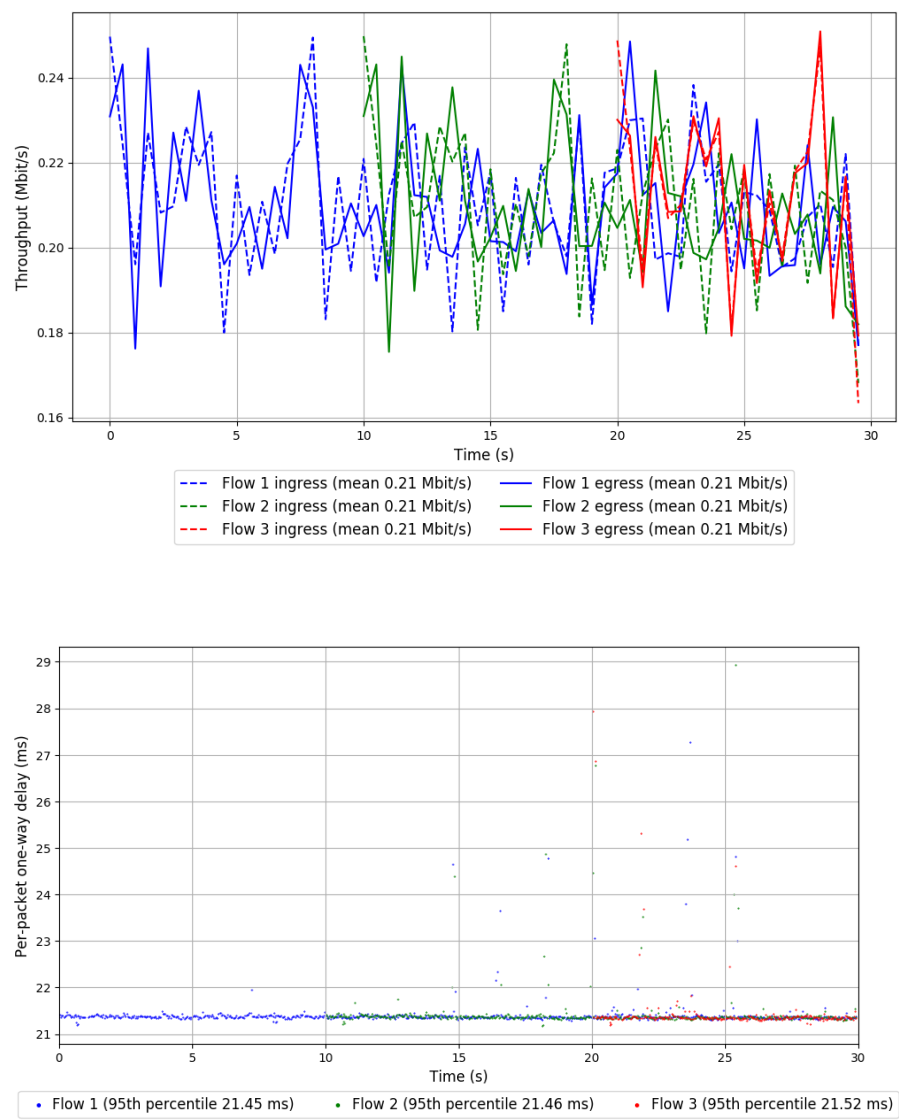


```
Run 1: Statistics of SCReAM

Start at: 2017-09-17 23:38:16
End at: 2017-09-17 23:38:46
Local clock offset: -0.288 ms
Remote clock offset: -2.981 ms

# Below is generated by plot.py at 2017-09-18 07:09:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 21.464 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 21.452 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 21.464 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 21.519 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



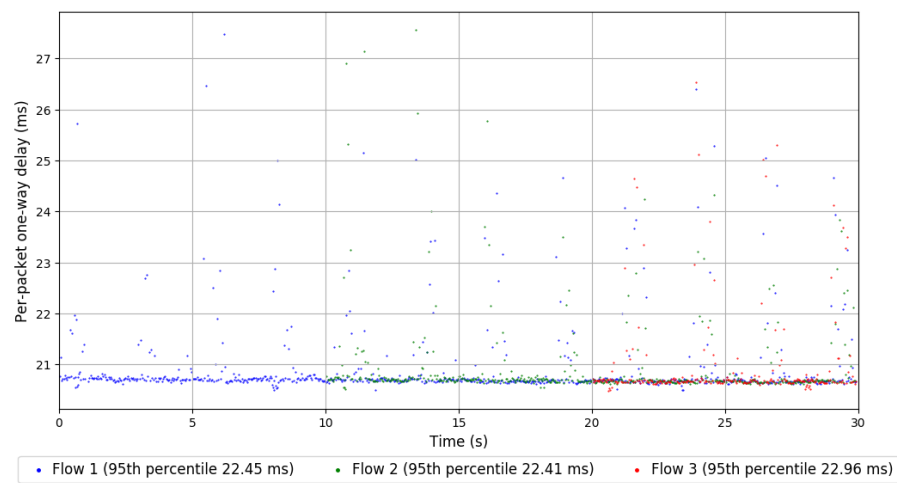
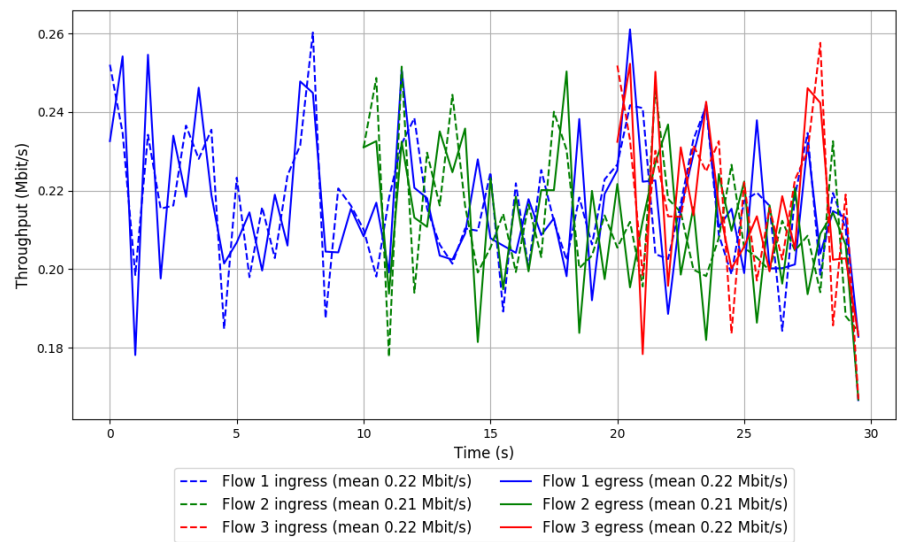
```
Run 2: Statistics of SReAM

Start at: 2017-09-17 23:58:38
End at: 2017-09-17 23:59:08
Local clock offset: -1.053 ms
Remote clock offset: -3.335 ms

# Below is generated by plot.py at 2017-09-18 07:09:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 22.500 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.446 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 22.410 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.963 ms
Loss rate: 0.00%
```



Run 2: Report of SReAM — Data Link

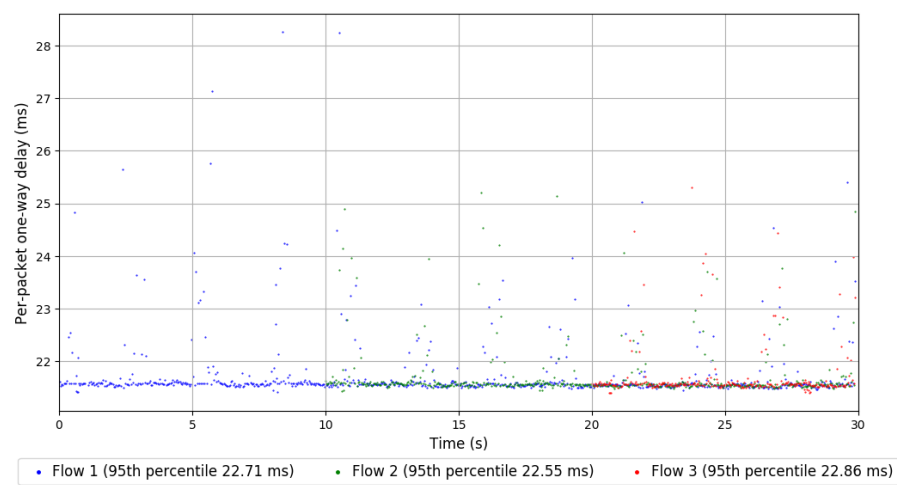
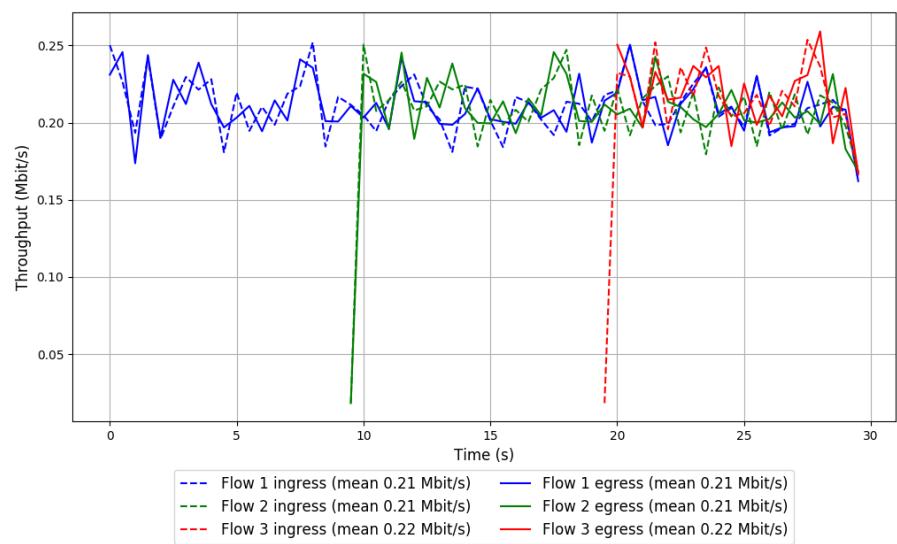


Run 3: Statistics of SReAM

Start at: 2017-09-18 00:19:11  
End at: 2017-09-18 00:19:41  
Local clock offset: -0.168 ms  
Remote clock offset: -3.74 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 22.701 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.707 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.549 ms  
Loss rate: 0.19%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 22.864 ms  
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

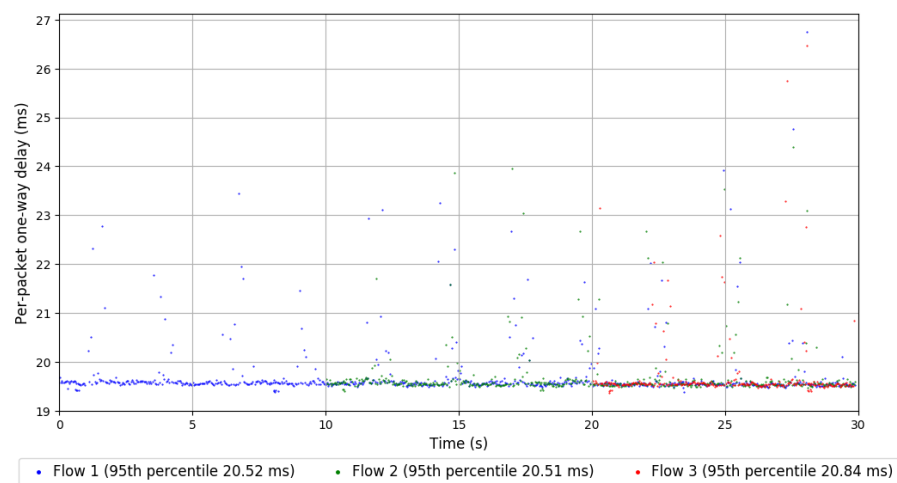
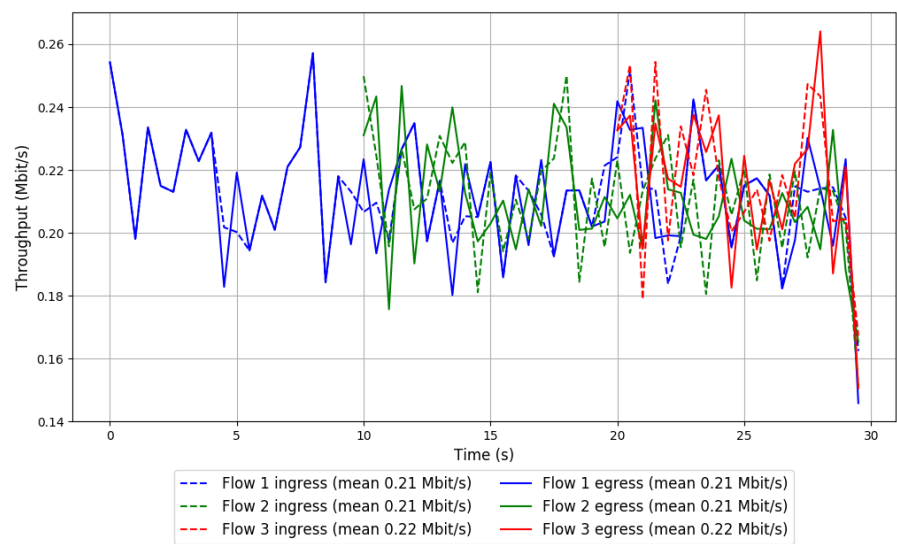


Run 4: Statistics of SReAM

Start at: 2017-09-18 00:40:23  
End at: 2017-09-18 00:40:53  
Local clock offset: -1.847 ms  
Remote clock offset: -4.062 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 20.569 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 20.518 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 20.512 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 20.836 ms  
Loss rate: 0.39%

Run 4: Report of SReAM — Data Link

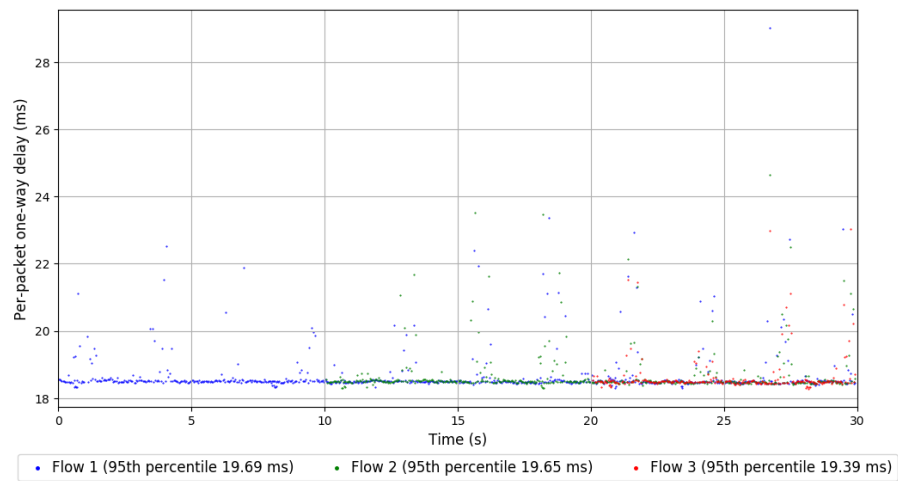
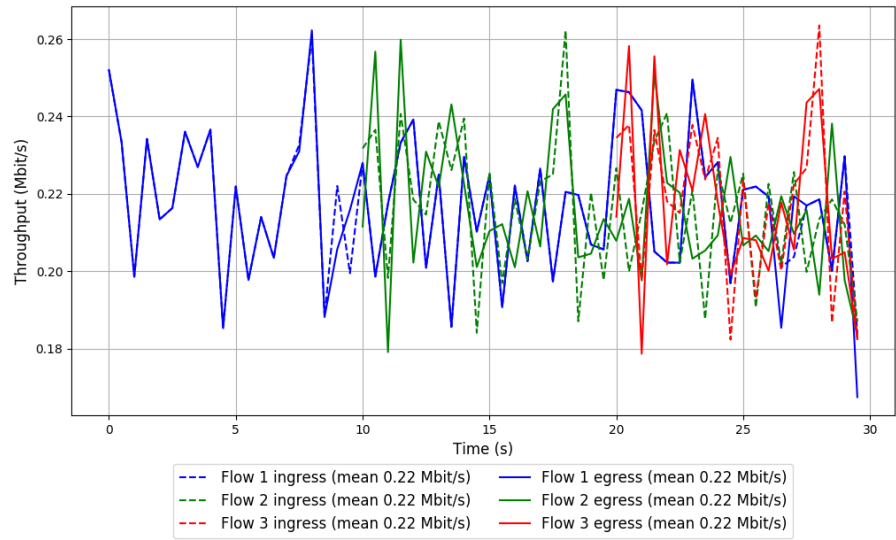


Run 5: Statistics of SReAM

Start at: 2017-09-18 01:00:35  
End at: 2017-09-18 01:01:05  
Local clock offset: -2.226 ms  
Remote clock offset: -4.055 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 19.647 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.691 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.647 ms  
Loss rate: 0.21%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.389 ms  
Loss rate: 0.35%

## Run 5: Report of SReAM — Data Link



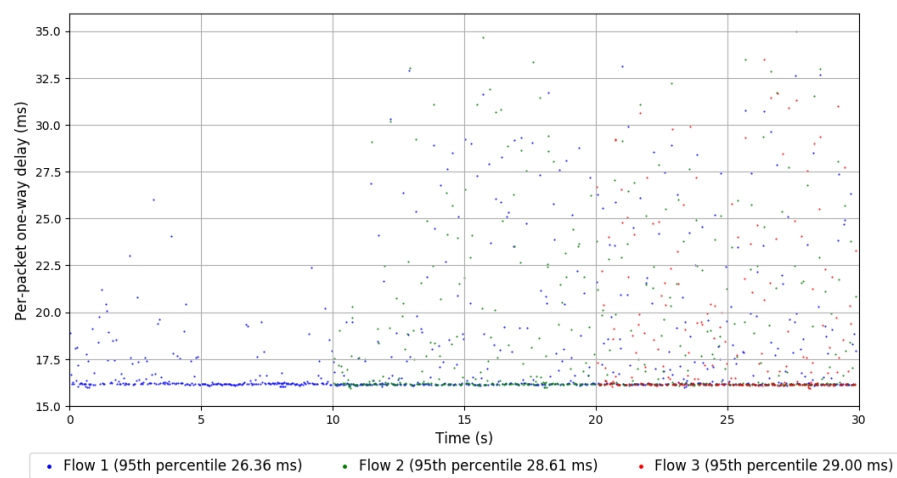
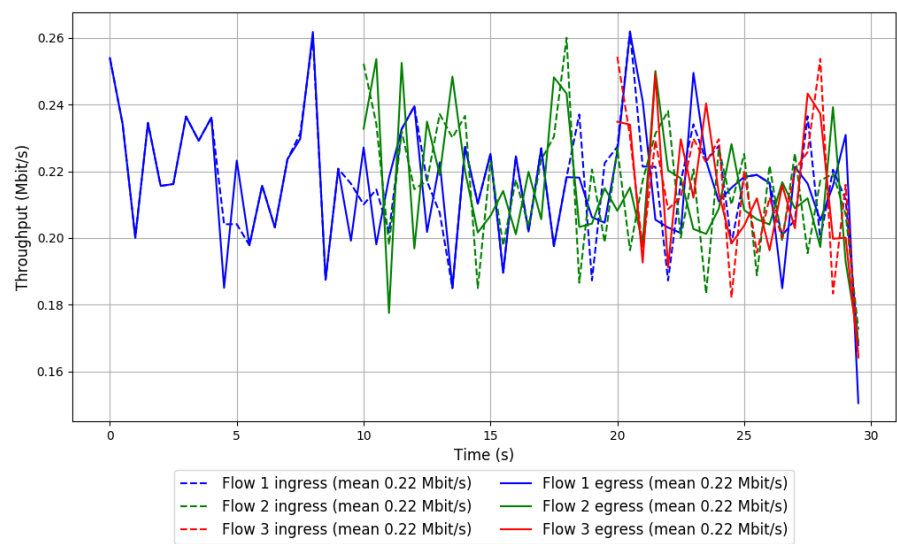
Run 6: Statistics of SReAM

Start at: 2017-09-18 01:32:44  
End at: 2017-09-18 01:33:14  
Local clock offset: -2.441 ms  
Remote clock offset: -2.413 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 27.567 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 26.362 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 28.607 ms  
Loss rate: 0.21%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 28.996 ms  
Loss rate: 0.35%



Run 6: Report of SReAM — Data Link

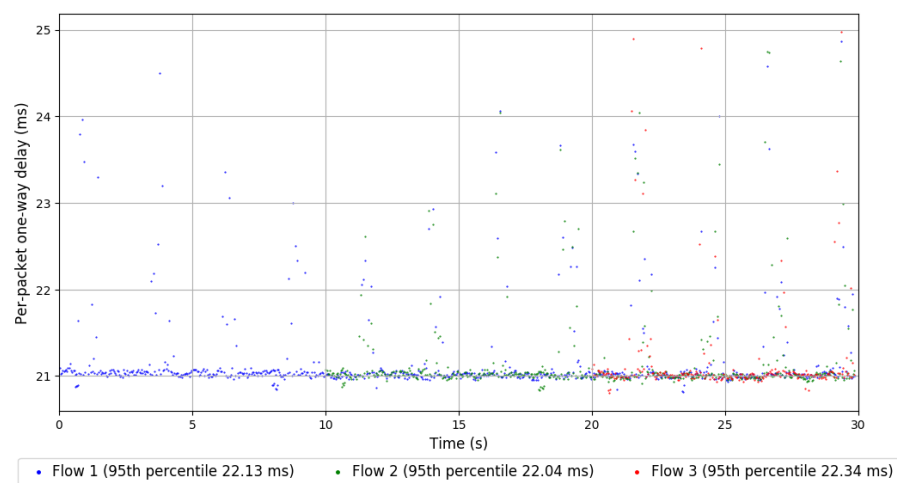
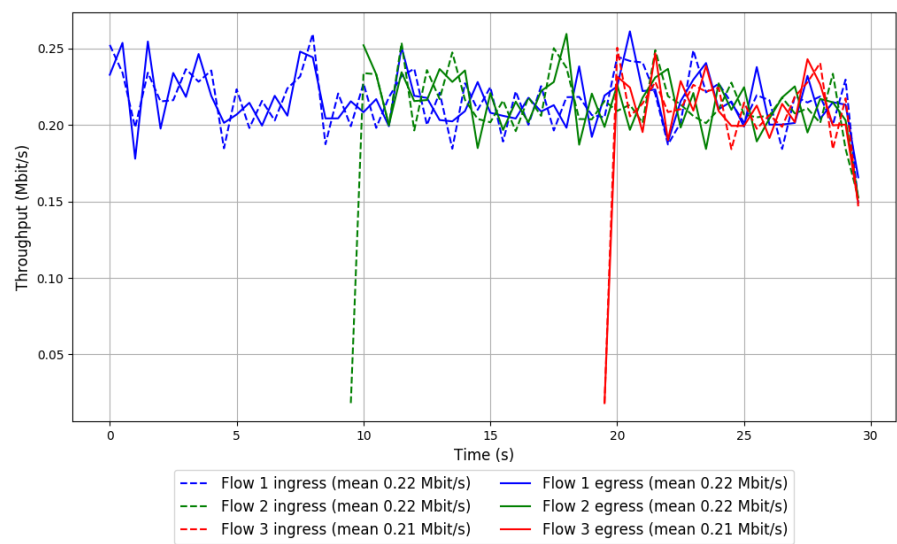


Run 7: Statistics of SReAM

Start at: 2017-09-18 01:59:22  
End at: 2017-09-18 01:59:52  
Local clock offset: 0.928 ms  
Remote clock offset: -3.997 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 22.126 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 22.126 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 22.044 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.338 ms  
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

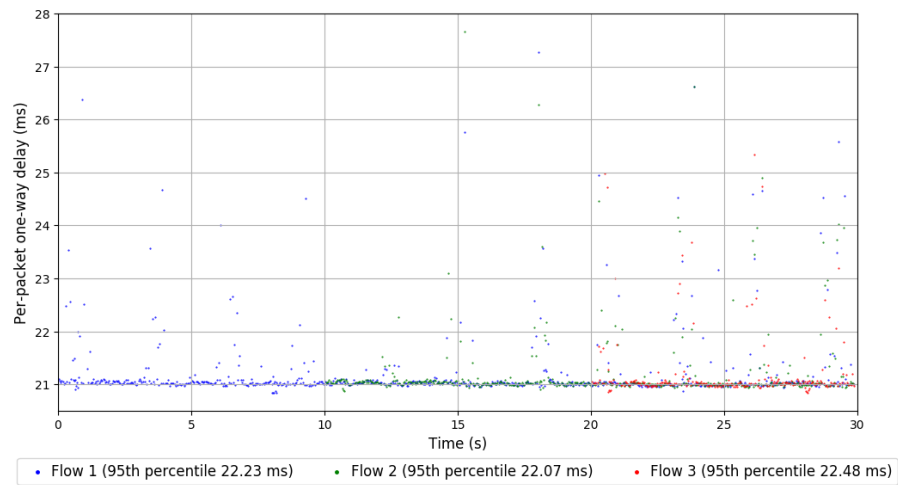
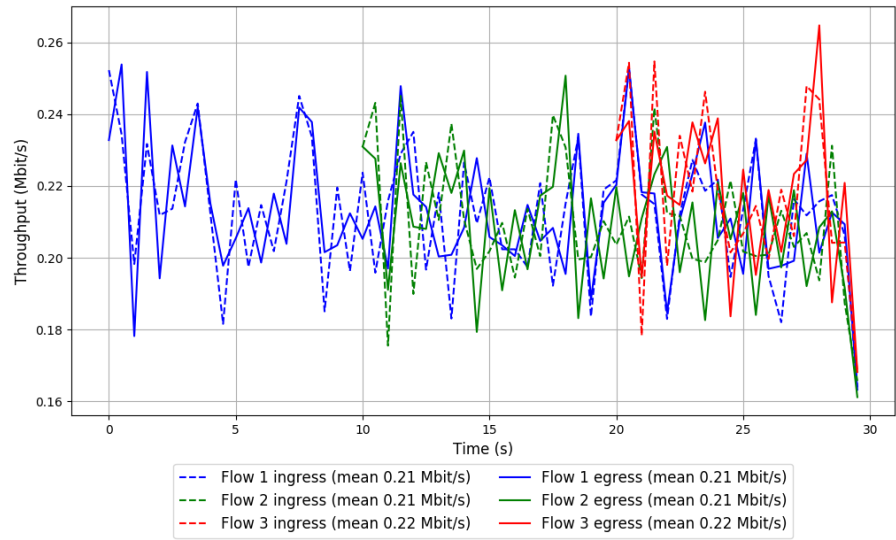


Run 8: Statistics of SReAM

Start at: 2017-09-18 02:20:20  
End at: 2017-09-18 02:20:50  
Local clock offset: 1.002 ms  
Remote clock offset: -3.972 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 22.231 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.227 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.075 ms  
Loss rate: 0.22%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 22.475 ms  
Loss rate: 0.00%

## Run 8: Report of SReAM — Data Link

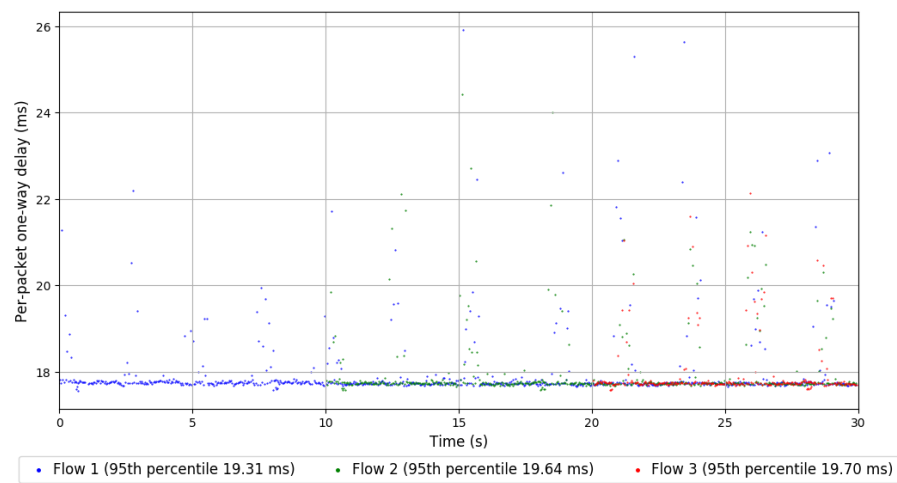
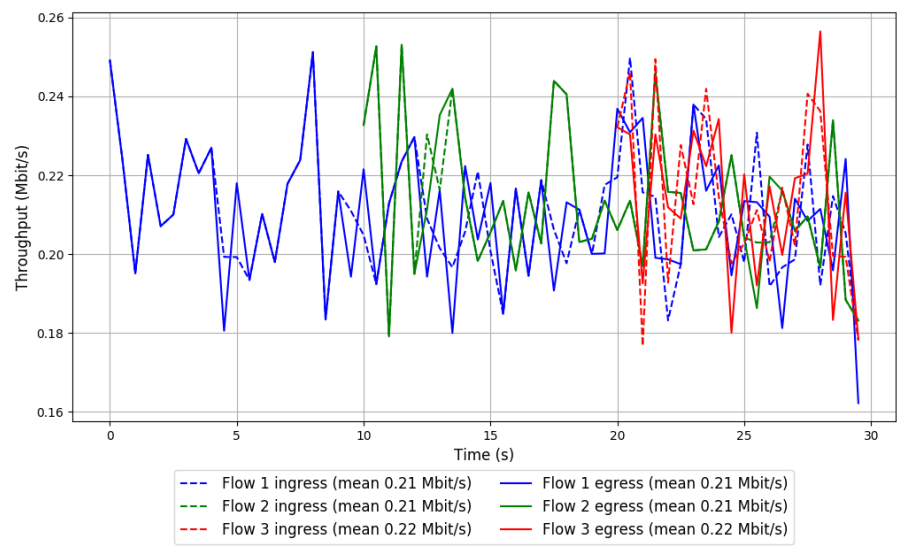


Run 9: Statistics of SReAM

Start at: 2017-09-18 02:58:59  
End at: 2017-09-18 02:59:29  
Local clock offset: -2.584 ms  
Remote clock offset: -4.511 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 19.476 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 19.307 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 19.645 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.699 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



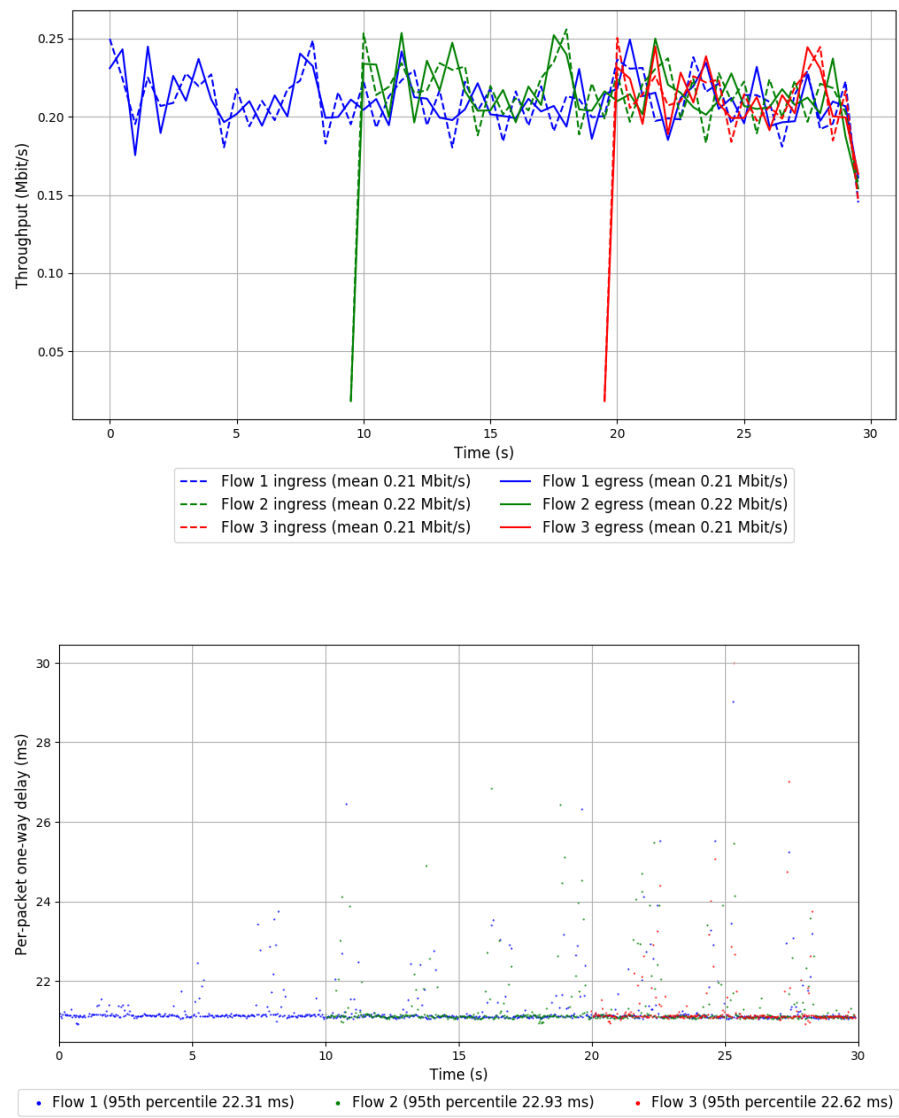
Run 10: Statistics of SReAM

Start at: 2017-09-18 03:20:56  
End at: 2017-09-18 03:21:26  
Local clock offset: 0.639 ms  
Remote clock offset: -4.622 ms

# Below is generated by plot.py at 2017-09-18 07:09:06  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.43 Mbit/s  
95th percentile per-packet one-way delay: 22.579 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.307 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 22.930 ms  
Loss rate: 0.20%  
-- Flow 3:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 22.624 ms  
Loss rate: 0.00%



Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-17 23:46:03

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

Local clock offset: -1.662 ms

Remote clock offset: -2.86 ms

# Below is generated by plot.py at 2017-09-18 07:09:06

# Datalink statistics

-- Total of 3 flows:

Average throughput: 48.32 Mbit/s

95th percentile per-packet one-way delay: 27.018 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 24.20 Mbit/s

95th percentile per-packet one-way delay: 26.563 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: 27.269 ms

Loss rate: 0.14%

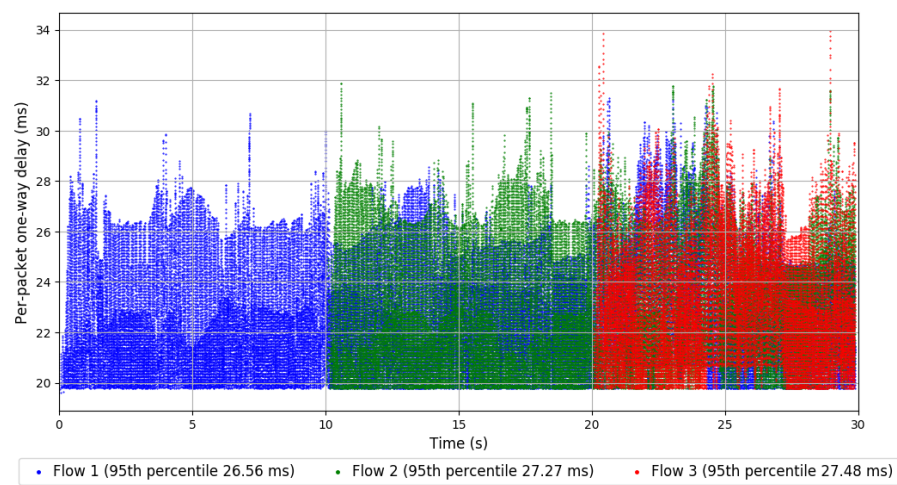
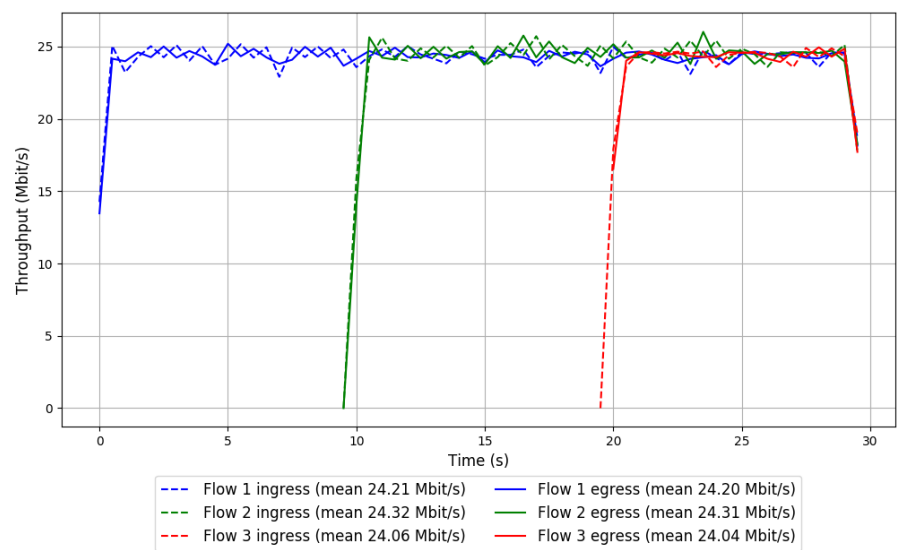
-- Flow 3:

Average throughput: 24.04 Mbit/s

95th percentile per-packet one-way delay: 27.477 ms

Loss rate: 0.41%

Run 1: Report of Sprout — Data Link

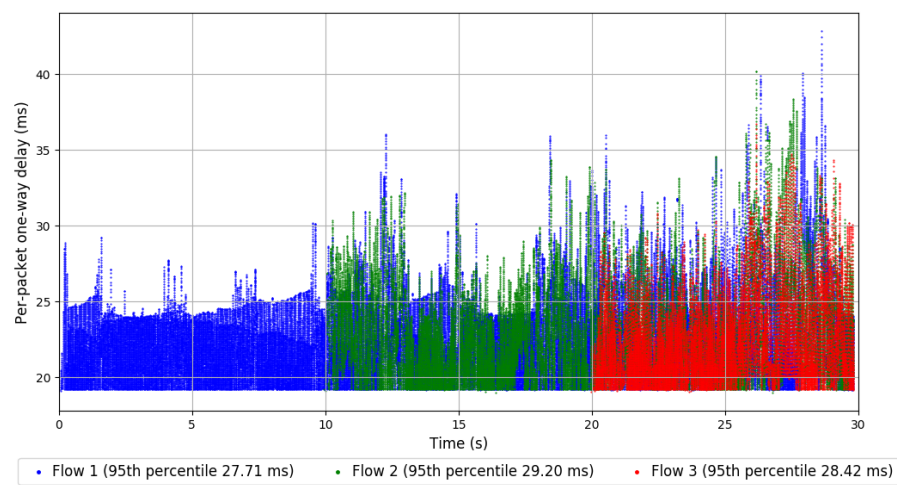
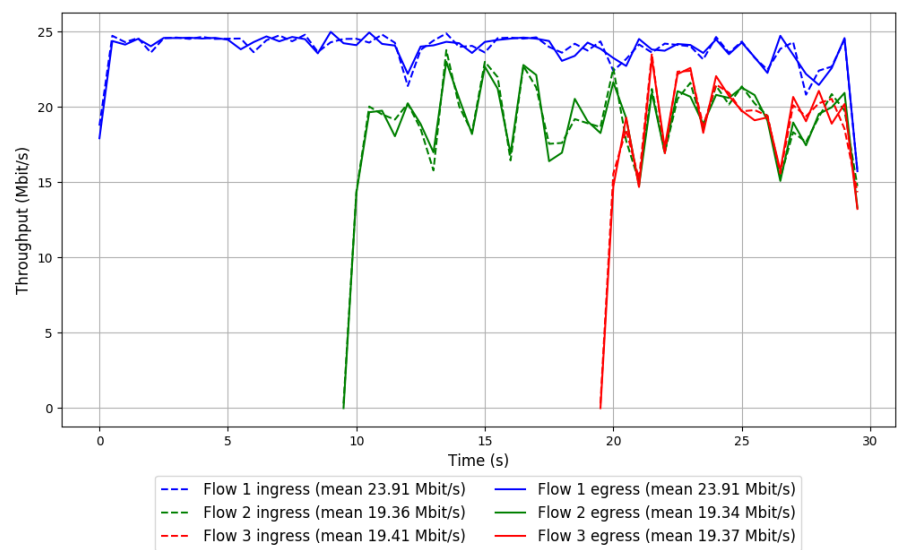


## Run 2: Statistics of Sprout

Start at: 2017-09-18 00:06:59  
End at: 2017-09-18 00:07:29  
Local clock offset: -0.849 ms  
Remote clock offset: -1.861 ms

```
# Below is generated by plot.py at 2017-09-18 07:09:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 28.364 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 23.91 Mbit/s
95th percentile per-packet one-way delay: 27.714 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 19.34 Mbit/s
95th percentile per-packet one-way delay: 29.199 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 19.37 Mbit/s
95th percentile per-packet one-way delay: 28.423 ms
Loss rate: 0.37%
```

Run 2: Report of Sprout — Data Link

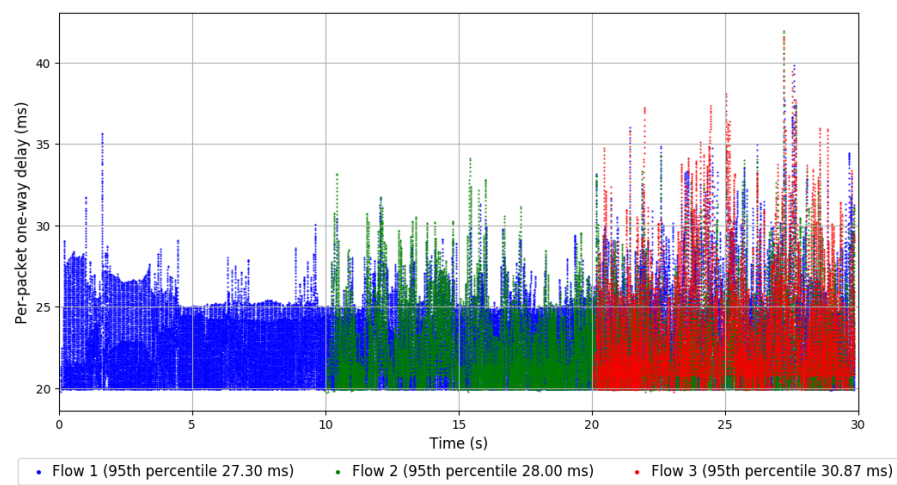
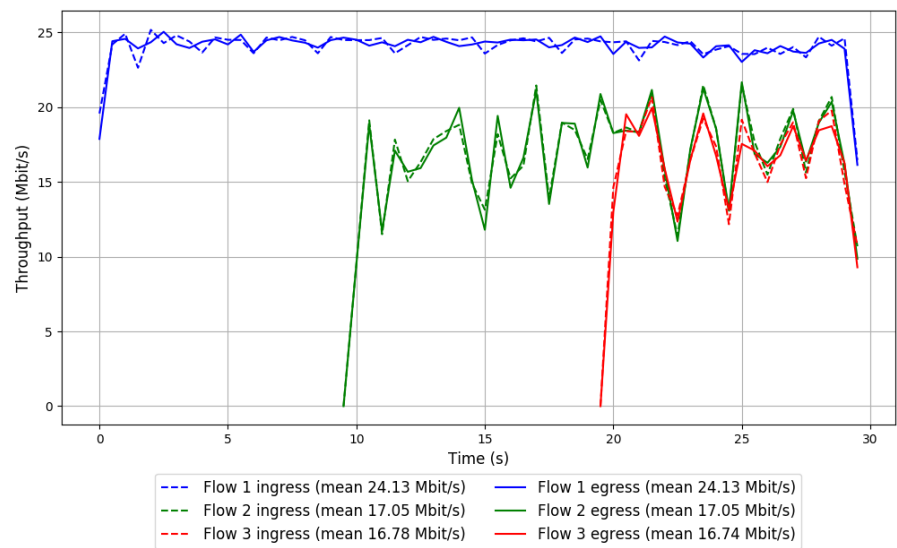


### Run 3: Statistics of Sprout

Start at: 2017-09-18 00:27:42  
End at: 2017-09-18 00:28:12  
Local clock offset: -1.047 ms  
Remote clock offset: -3.116 ms

```
# Below is generated by plot.py at 2017-09-18 07:09:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 28.015 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 27.295 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 28.002 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 30.868 ms
Loss rate: 0.57%
```

Run 3: Report of Sprout — Data Link



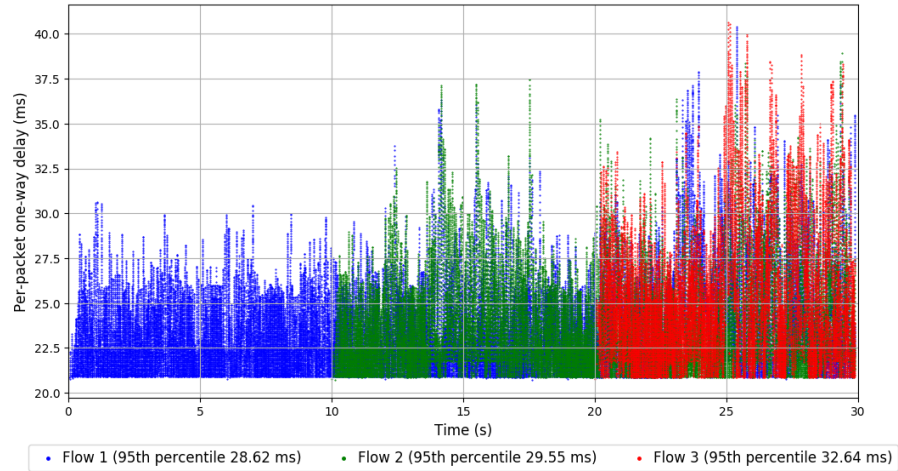
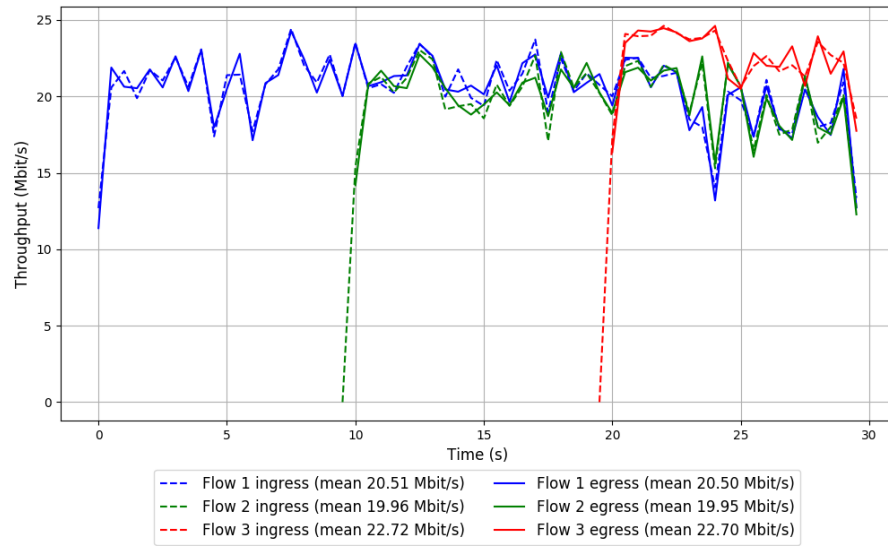
#### Run 4: Statistics of Sprout

Start at: 2017-09-18 00:48:28  
End at: 2017-09-18 00:48:58  
Local clock offset: 0.905 ms  
Remote clock offset: -2.941 ms

```
# Below is generated by plot.py at 2017-09-18 07:09:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.27 Mbit/s
95th percentile per-packet one-way delay: 29.973 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 28.618 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 29.545 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 22.70 Mbit/s
95th percentile per-packet one-way delay: 32.636 ms
Loss rate: 0.44%
```



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

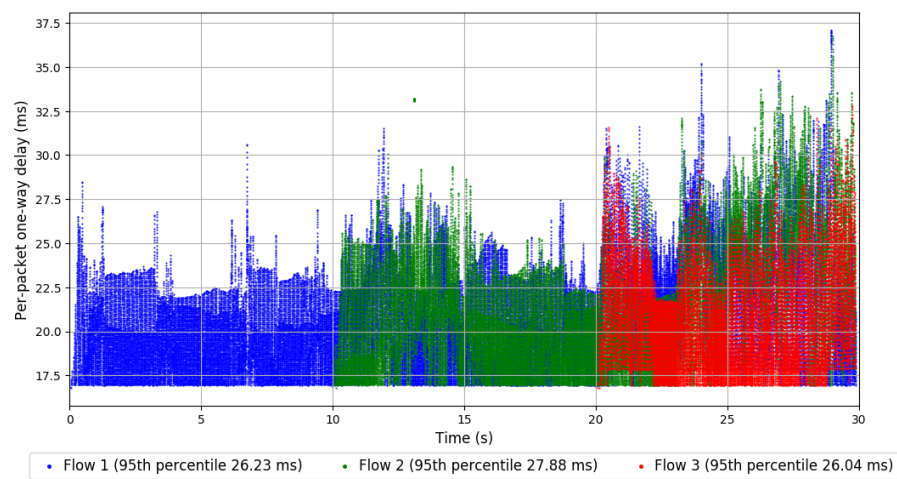
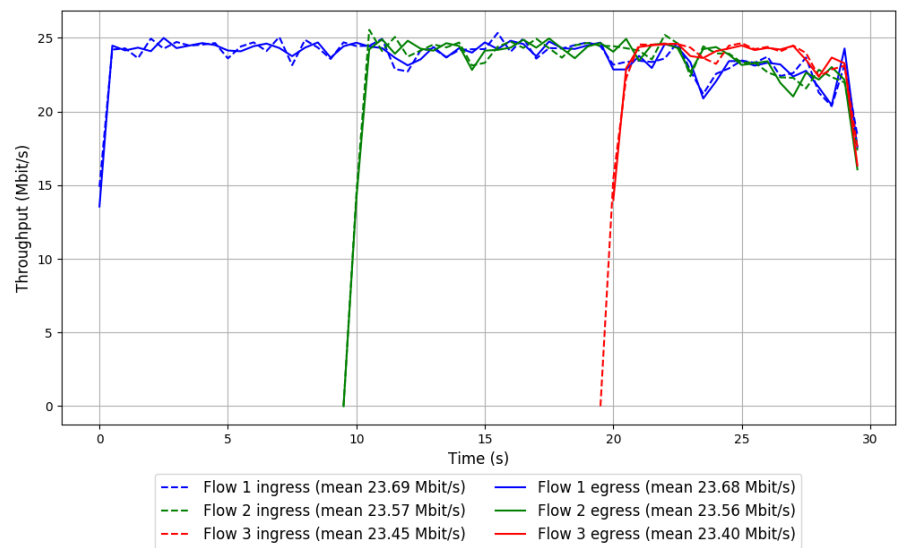


Run 5: Statistics of Sprout

Start at: 2017-09-18 01:08:38  
End at: 2017-09-18 01:09:08  
Local clock offset: -2.0 ms  
Remote clock offset: -2.533 ms

# Below is generated by plot.py at 2017-09-18 07:09:17  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 47.09 Mbit/s  
95th percentile per-packet one-way delay: 26.846 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 23.68 Mbit/s  
95th percentile per-packet one-way delay: 26.229 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 23.56 Mbit/s  
95th percentile per-packet one-way delay: 27.882 ms  
Loss rate: 0.21%  
-- Flow 3:  
Average throughput: 23.40 Mbit/s  
95th percentile per-packet one-way delay: 26.036 ms  
Loss rate: 0.39%

Run 5: Report of Sprout — Data Link

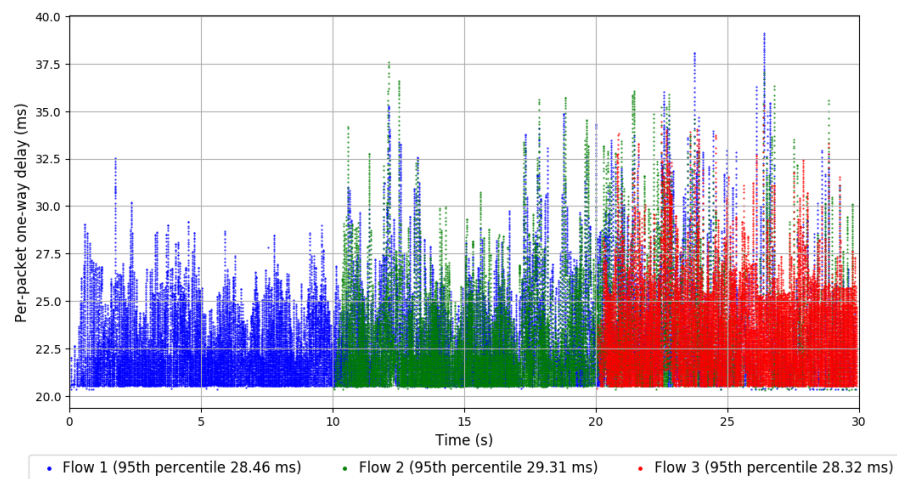
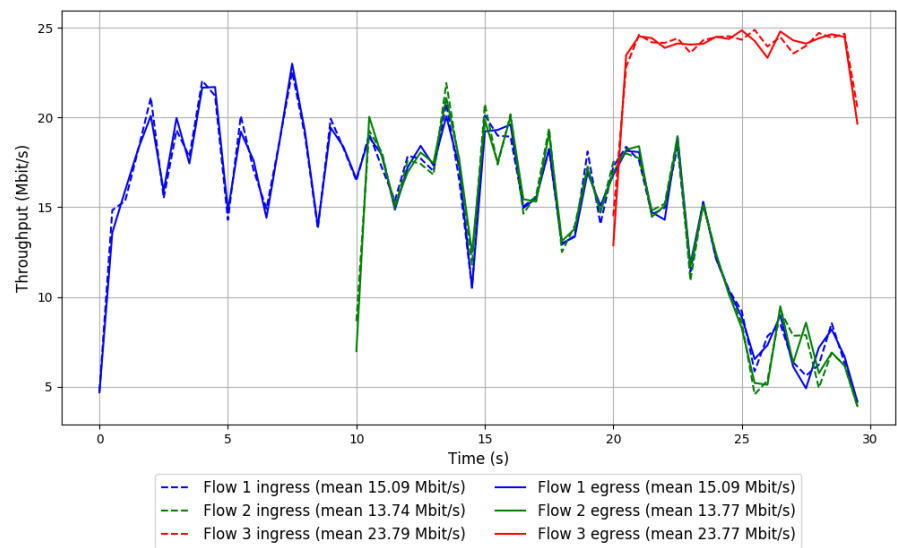


Run 6: Statistics of Sprout

Start at: 2017-09-18 01:47:39  
End at: 2017-09-18 01:48:09  
Local clock offset: -3.98 ms  
Remote clock offset: -8.252 ms

# Below is generated by plot.py at 2017-09-18 07:09:17  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 32.08 Mbit/s  
95th percentile per-packet one-way delay: 28.677 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 15.09 Mbit/s  
95th percentile per-packet one-way delay: 28.464 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 13.77 Mbit/s  
95th percentile per-packet one-way delay: 29.308 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 23.77 Mbit/s  
95th percentile per-packet one-way delay: 28.315 ms  
Loss rate: 0.42%

Run 6: Report of Sprout — Data Link

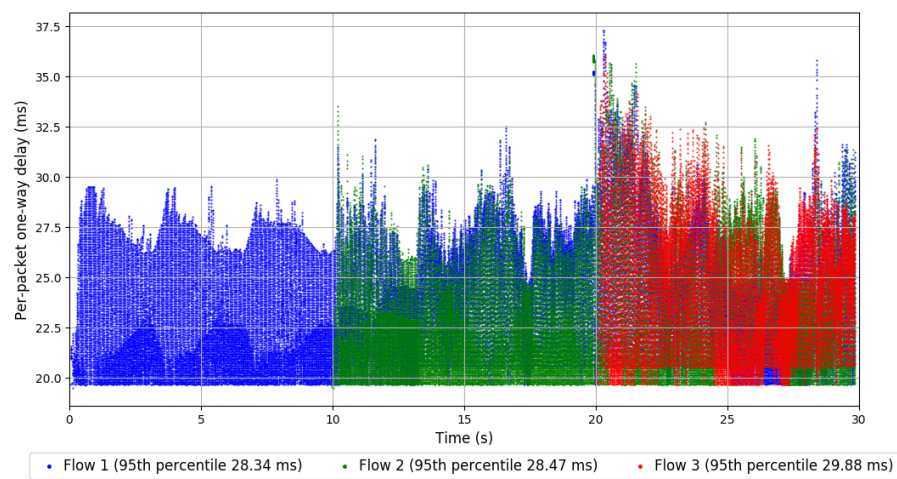
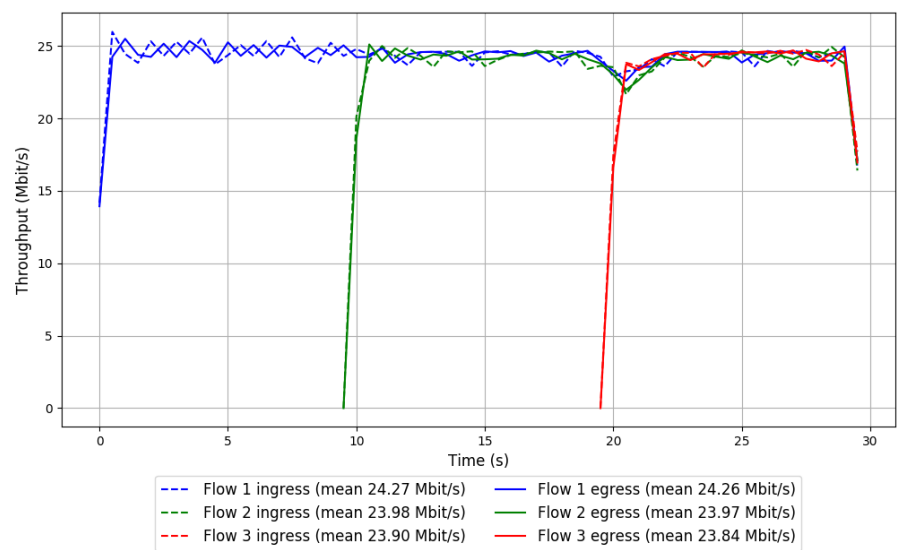


Run 7: Statistics of Sprout

Start at: 2017-09-18 02:07:45  
End at: 2017-09-18 02:08:15  
Local clock offset: -0.619 ms  
Remote clock offset: -4.314 ms

# Below is generated by plot.py at 2017-09-18 07:09:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 48.12 Mbit/s  
95th percentile per-packet one-way delay: 28.695 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 24.26 Mbit/s  
95th percentile per-packet one-way delay: 28.342 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 23.97 Mbit/s  
95th percentile per-packet one-way delay: 28.474 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 23.84 Mbit/s  
95th percentile per-packet one-way delay: 29.876 ms  
Loss rate: 0.36%

Run 7: Report of Sprout — Data Link



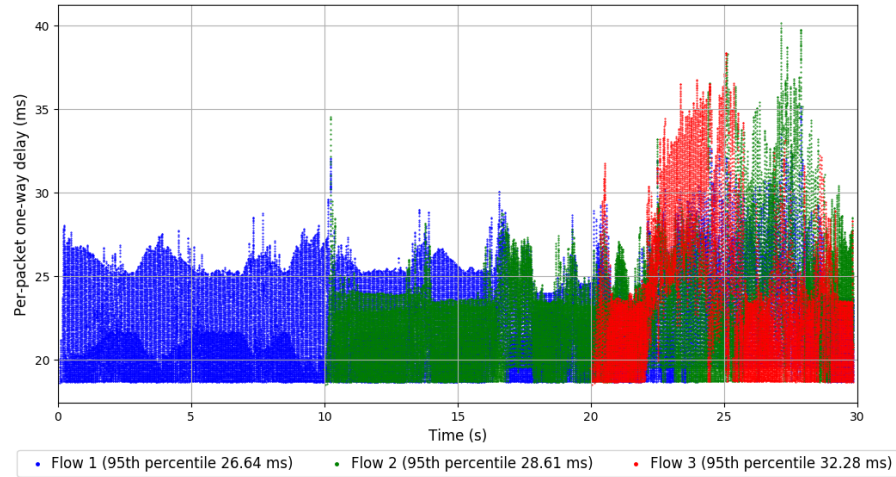
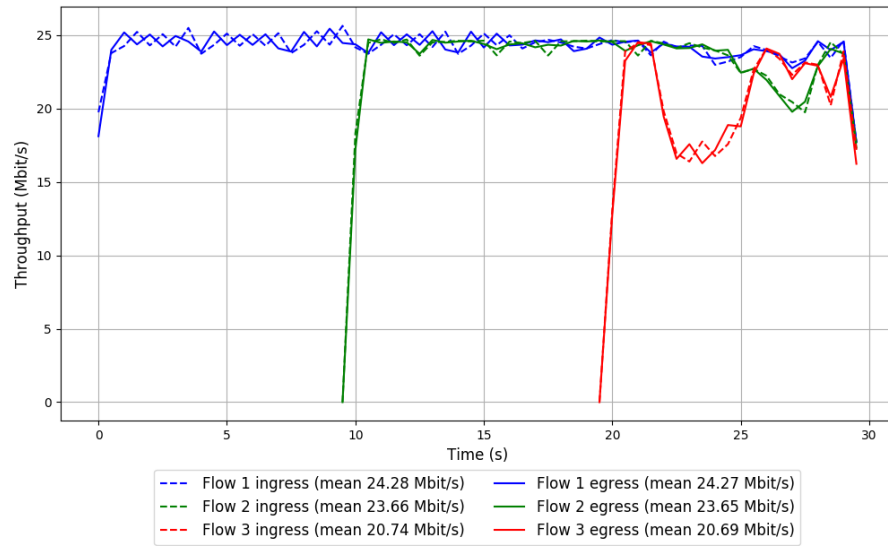
Run 8: Statistics of Sprout

Start at: 2017-09-18 02:28:47  
End at: 2017-09-18 02:29:17  
Local clock offset: -1.664 ms  
Remote clock offset: -4.479 ms

# Below is generated by plot.py at 2017-09-18 07:09:23  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 46.86 Mbit/s  
95th percentile per-packet one-way delay: 28.178 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 24.27 Mbit/s  
95th percentile per-packet one-way delay: 26.645 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 23.65 Mbit/s  
95th percentile per-packet one-way delay: 28.612 ms  
Loss rate: 0.21%  
-- Flow 3:  
Average throughput: 20.69 Mbit/s  
95th percentile per-packet one-way delay: 32.282 ms  
Loss rate: 0.47%



## Run 8: Report of Sprout — Data Link

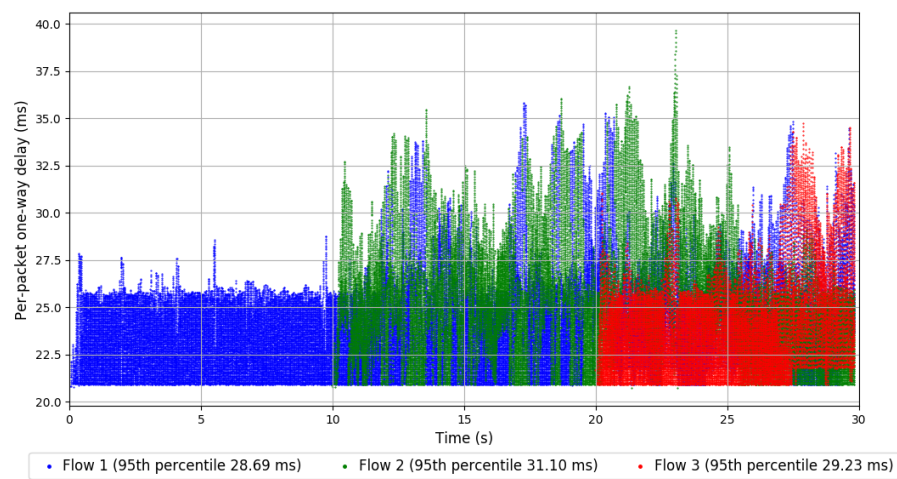
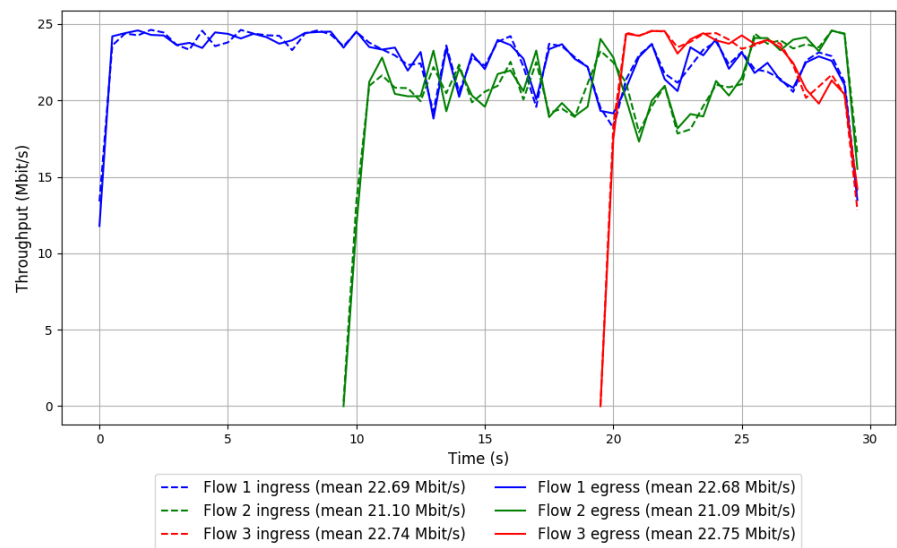


Run 9: Statistics of Sprout

Start at: 2017-09-18 03:07:00  
End at: 2017-09-18 03:07:30  
Local clock offset: 0.091 ms  
Remote clock offset: -4.988 ms

# Below is generated by plot.py at 2017-09-18 07:09:36  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 44.26 Mbit/s  
95th percentile per-packet one-way delay: 29.841 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 22.68 Mbit/s  
95th percentile per-packet one-way delay: 28.693 ms  
Loss rate: 0.15%  
-- Flow 2:  
Average throughput: 21.09 Mbit/s  
95th percentile per-packet one-way delay: 31.103 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 22.75 Mbit/s  
95th percentile per-packet one-way delay: 29.230 ms  
Loss rate: 0.12%

Run 9: Report of Sprout — Data Link

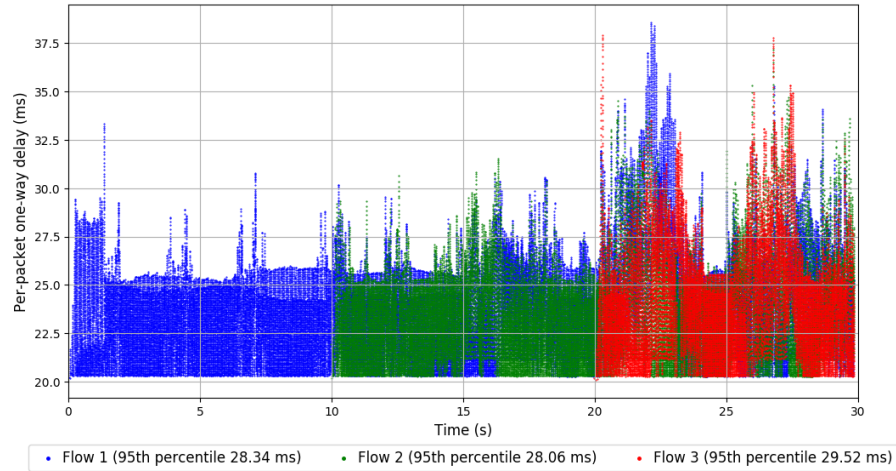
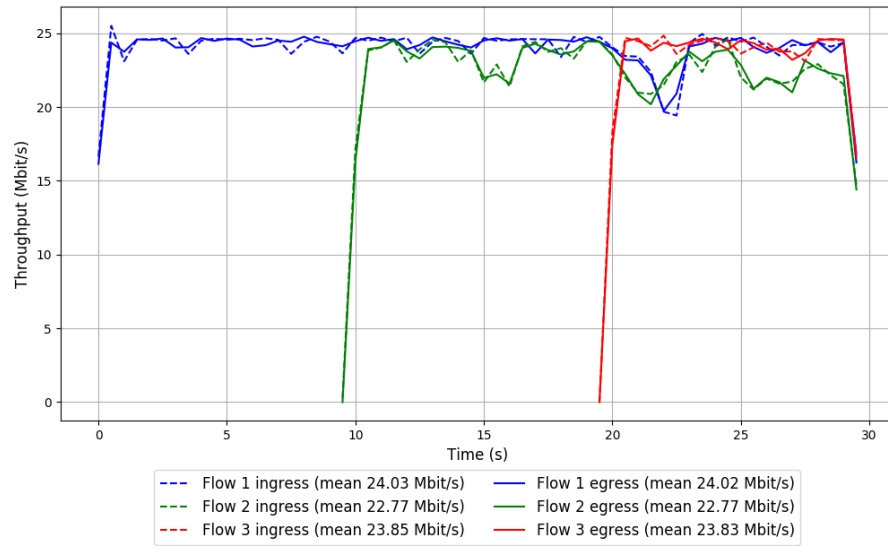


Run 10: Statistics of Sprout

Start at: 2017-09-18 03:30:03  
End at: 2017-09-18 03:30:33  
Local clock offset: 0.449 ms  
Remote clock offset: -4.241 ms

# Below is generated by plot.py at 2017-09-18 07:09:45  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 47.07 Mbit/s  
95th percentile per-packet one-way delay: 28.516 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 24.02 Mbit/s  
95th percentile per-packet one-way delay: 28.335 ms  
Loss rate: 0.14%  
-- Flow 2:  
Average throughput: 22.77 Mbit/s  
95th percentile per-packet one-way delay: 28.063 ms  
Loss rate: 0.08%  
-- Flow 3:  
Average throughput: 23.83 Mbit/s  
95th percentile per-packet one-way delay: 29.521 ms  
Loss rate: 0.23%

# Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

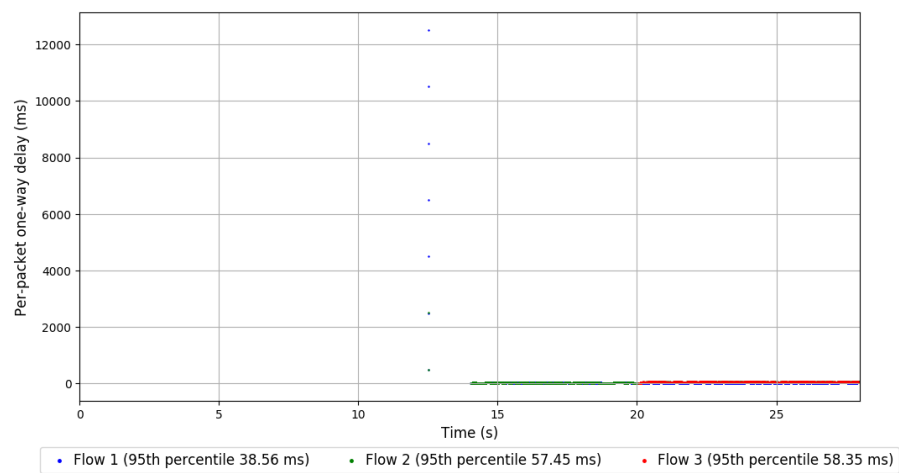
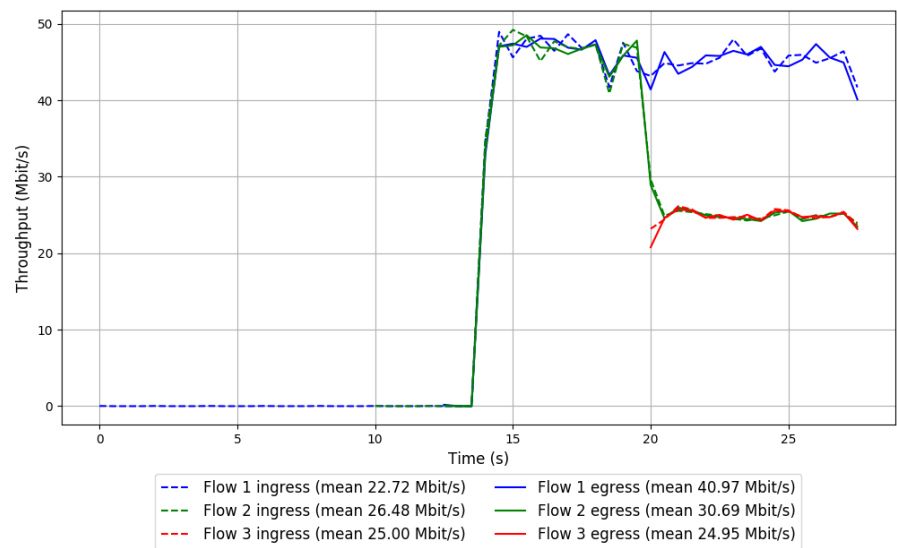
Start at: 2017-09-17 23:37:04

End at: 2017-09-17 23:37:34

Local clock offset: -3.166 ms

Remote clock offset: -3.401 ms

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



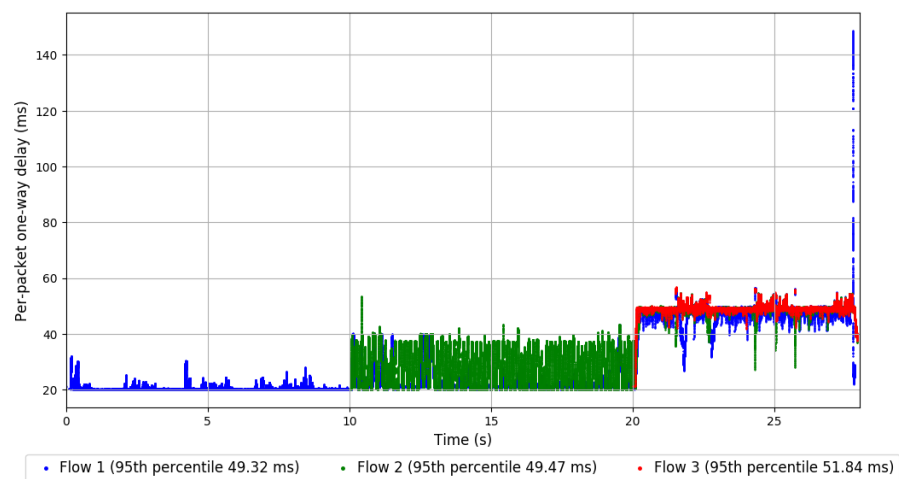
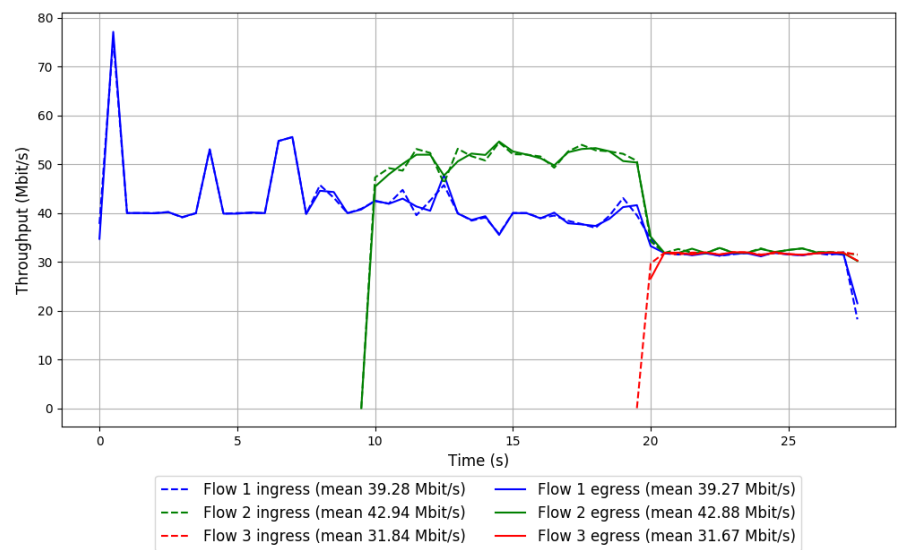
Run 2: Statistics of TaoVA-100x

Start at: 2017-09-17 23:57:04  
End at: 2017-09-17 23:57:34  
Local clock offset: -1.084 ms  
Remote clock offset: -2.733 ms

# Below is generated by plot.py at 2017-09-18 07:10:50  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 75.67 Mbit/s  
95th percentile per-packet one-way delay: 49.518 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 39.27 Mbit/s  
95th percentile per-packet one-way delay: 49.323 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 42.88 Mbit/s  
95th percentile per-packet one-way delay: 49.469 ms  
Loss rate: 0.29%  
-- Flow 3:  
Average throughput: 31.67 Mbit/s  
95th percentile per-packet one-way delay: 51.840 ms  
Loss rate: 0.89%



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

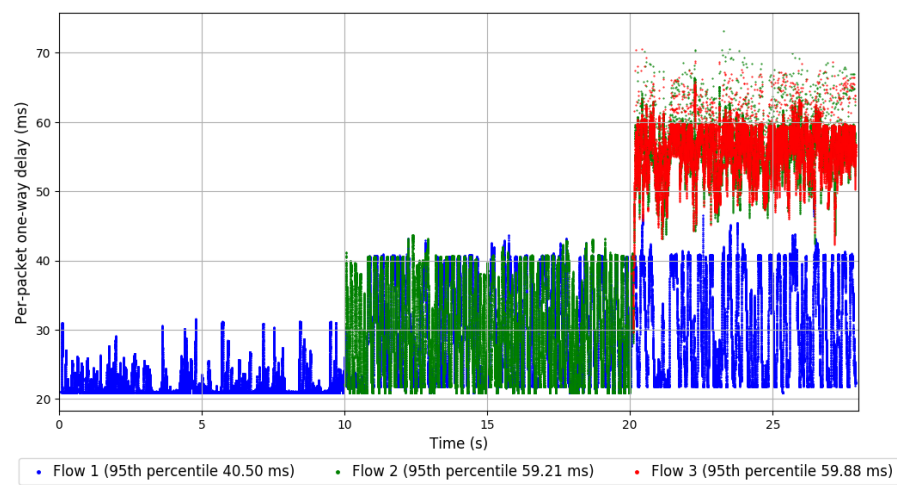
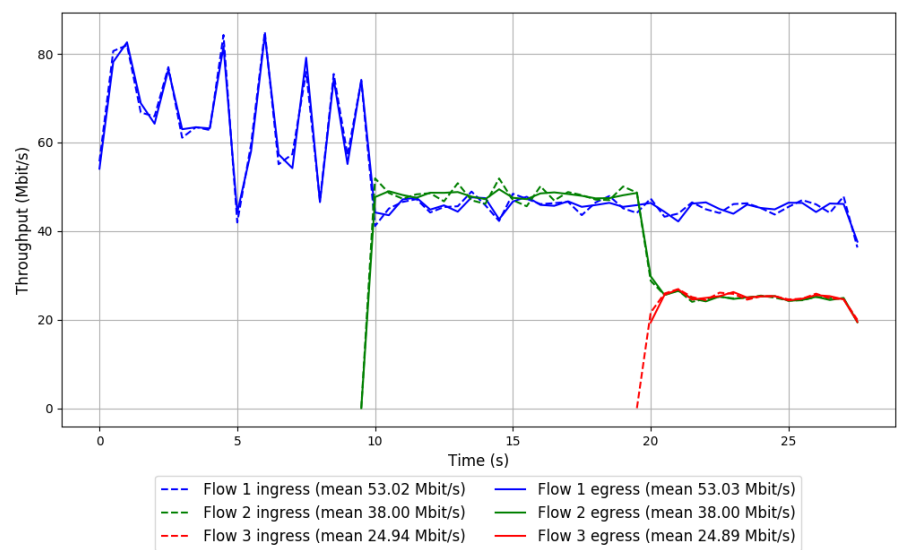


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 00:17:36  
End at: 2017-09-18 00:18:06  
Local clock offset: -0.7 ms  
Remote clock offset: -3.616 ms

# Below is generated by plot.py at 2017-09-18 07:11:04  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 84.48 Mbit/s  
95th percentile per-packet one-way delay: 58.301 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 53.03 Mbit/s  
95th percentile per-packet one-way delay: 40.500 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 38.00 Mbit/s  
95th percentile per-packet one-way delay: 59.209 ms  
Loss rate: 0.22%  
-- Flow 3:  
Average throughput: 24.89 Mbit/s  
95th percentile per-packet one-way delay: 59.877 ms  
Loss rate: 0.81%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 00:38:50

End at: 2017-09-18 00:39:20

Local clock offset: -0.315 ms

Remote clock offset: -2.72 ms

# Below is generated by plot.py at 2017-09-18 07:11:30

# Datalink statistics

-- Total of 3 flows:

Average throughput: 91.62 Mbit/s

95th percentile per-packet one-way delay: 56.490 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 54.78 Mbit/s

95th percentile per-packet one-way delay: 55.761 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 46.70 Mbit/s

95th percentile per-packet one-way delay: 39.426 ms

Loss rate: 0.22%

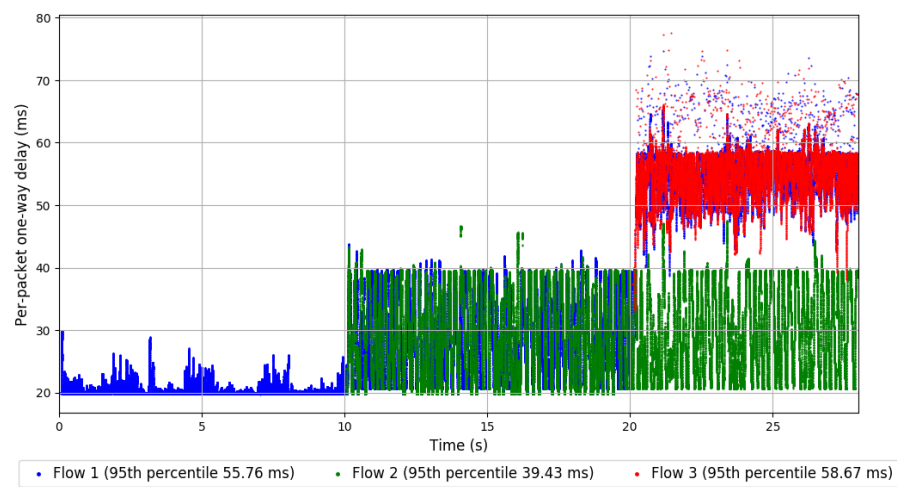
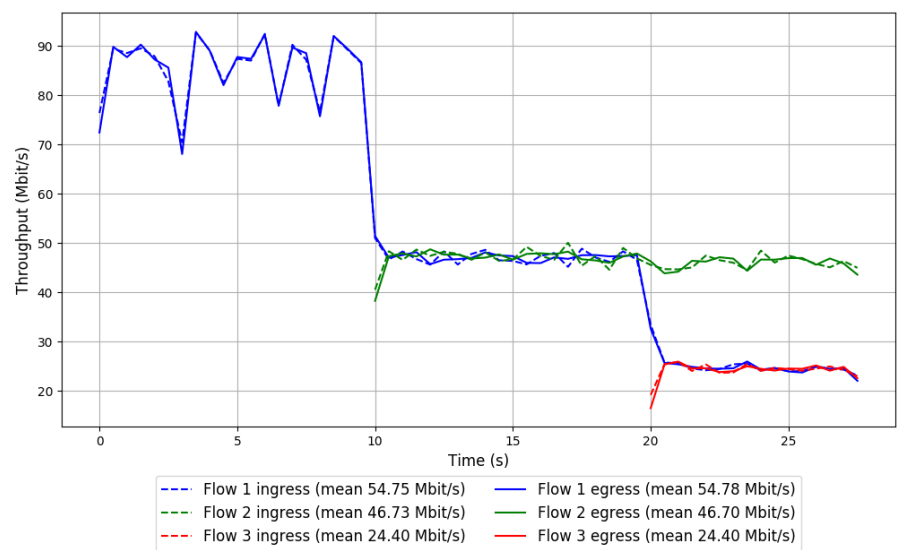
-- Flow 3:

Average throughput: 24.40 Mbit/s

95th percentile per-packet one-way delay: 58.674 ms

Loss rate: 0.69%

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

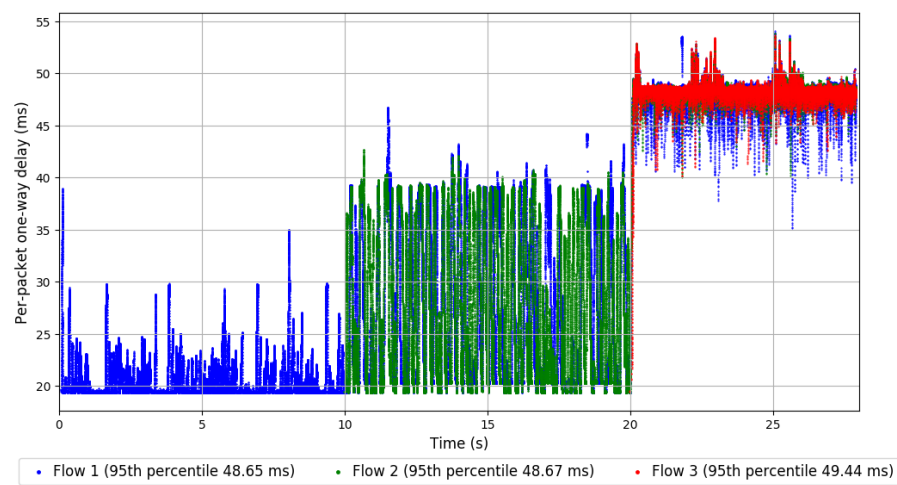
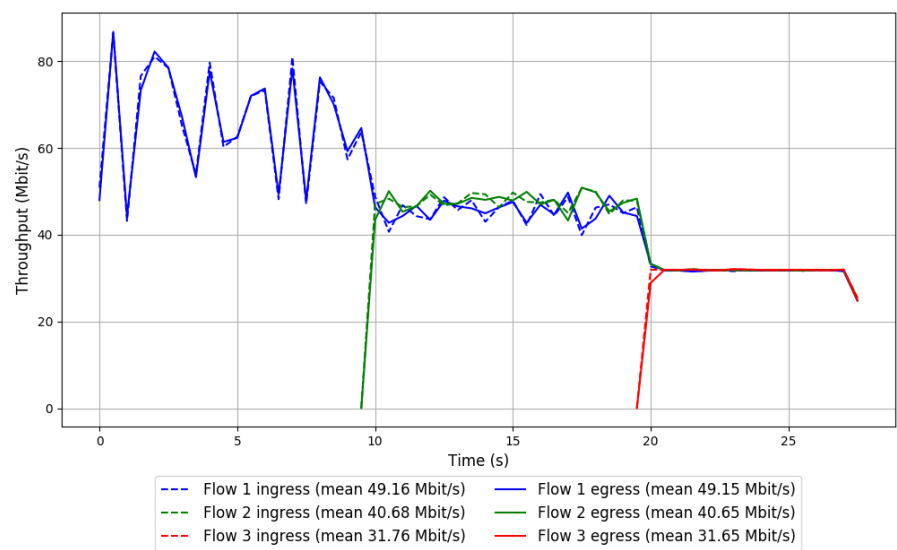


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 00:59:02  
End at: 2017-09-18 00:59:32  
Local clock offset: -0.572 ms  
Remote clock offset: -3.306 ms

# Below is generated by plot.py at 2017-09-18 07:11:30  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 84.28 Mbit/s  
95th percentile per-packet one-way delay: 48.709 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 49.15 Mbit/s  
95th percentile per-packet one-way delay: 48.652 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 40.65 Mbit/s  
95th percentile per-packet one-way delay: 48.672 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.65 Mbit/s  
95th percentile per-packet one-way delay: 49.436 ms  
Loss rate: 0.72%

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



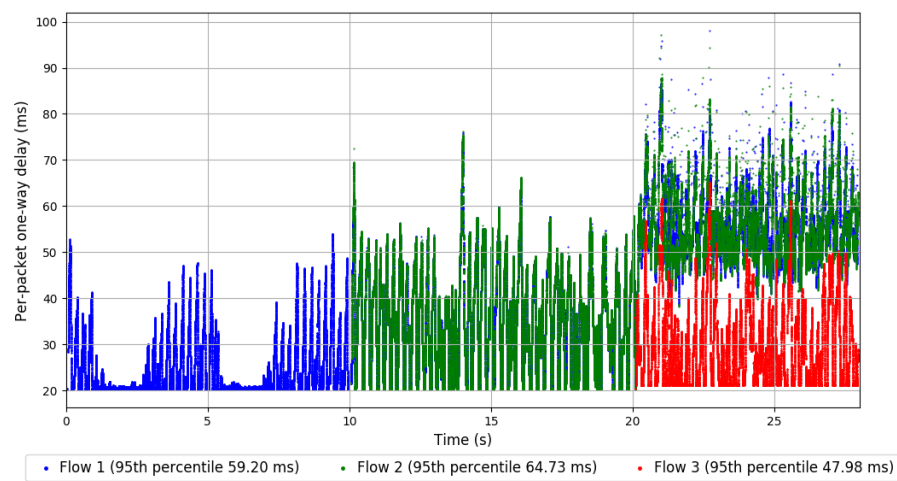
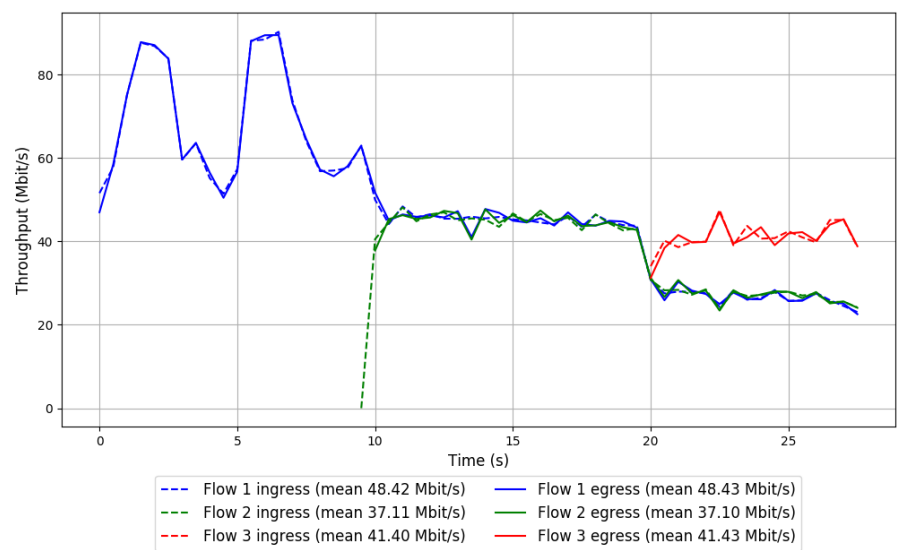
Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 01:27:37  
End at: 2017-09-18 01:28:07  
Local clock offset: 0.17 ms  
Remote clock offset: -3.845 ms

# Below is generated by plot.py at 2017-09-18 07:11:30  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 83.92 Mbit/s  
95th percentile per-packet one-way delay: 60.683 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 48.43 Mbit/s  
95th percentile per-packet one-way delay: 59.203 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 37.10 Mbit/s  
95th percentile per-packet one-way delay: 64.735 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 41.43 Mbit/s  
95th percentile per-packet one-way delay: 47.982 ms  
Loss rate: 0.47%



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

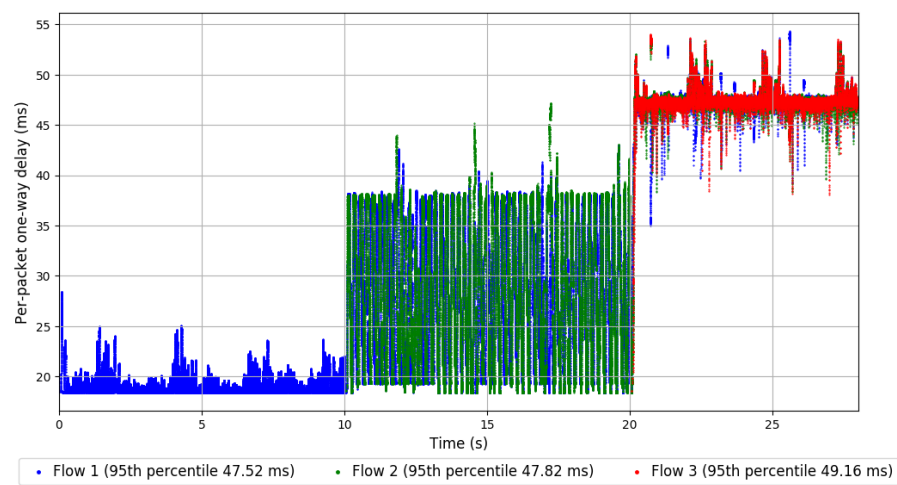
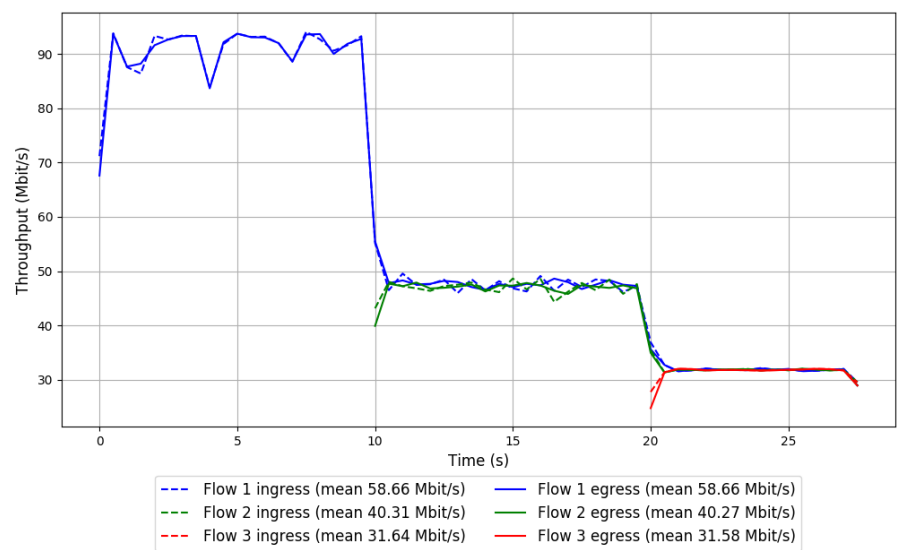


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 01:57:52  
End at: 2017-09-18 01:58:22  
Local clock offset: -1.531 ms  
Remote clock offset: -3.814 ms

# Below is generated by plot.py at 2017-09-18 07:11:50  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 93.45 Mbit/s  
95th percentile per-packet one-way delay: 47.721 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 58.66 Mbit/s  
95th percentile per-packet one-way delay: 47.524 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.27 Mbit/s  
95th percentile per-packet one-way delay: 47.821 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.58 Mbit/s  
95th percentile per-packet one-way delay: 49.164 ms  
Loss rate: 0.72%

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

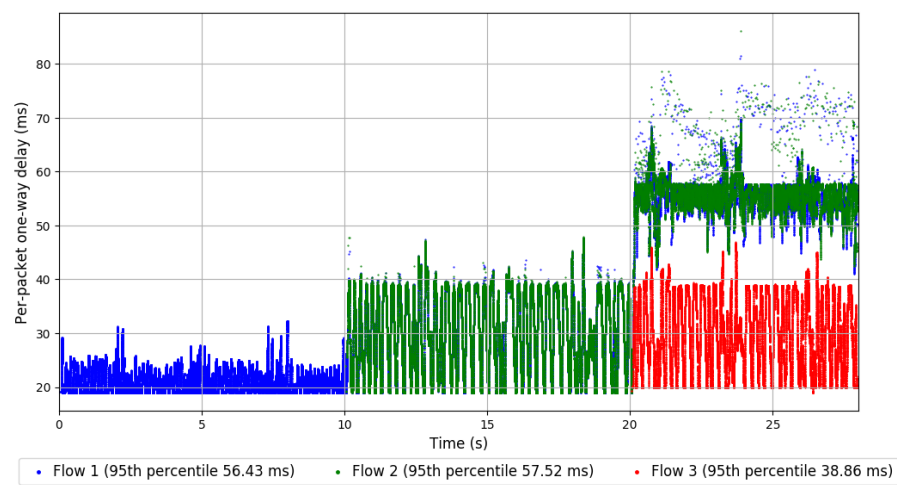
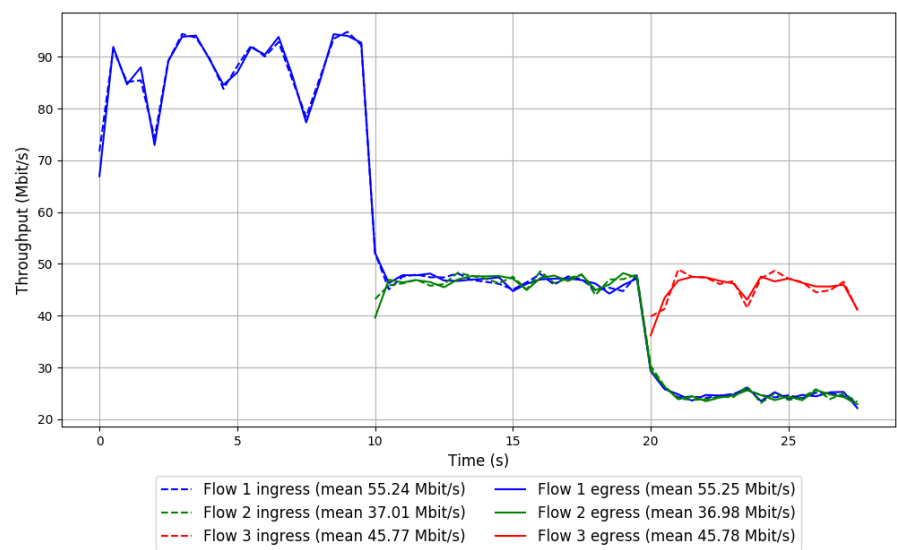


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 02:18:52  
End at: 2017-09-18 02:19:22  
Local clock offset: -1.568 ms  
Remote clock offset: -4.547 ms

# Below is generated by plot.py at 2017-09-18 07:11:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 91.93 Mbit/s  
95th percentile per-packet one-way delay: 56.912 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 55.25 Mbit/s  
95th percentile per-packet one-way delay: 56.434 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 36.98 Mbit/s  
95th percentile per-packet one-way delay: 57.519 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 45.78 Mbit/s  
95th percentile per-packet one-way delay: 38.858 ms  
Loss rate: 0.33%

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

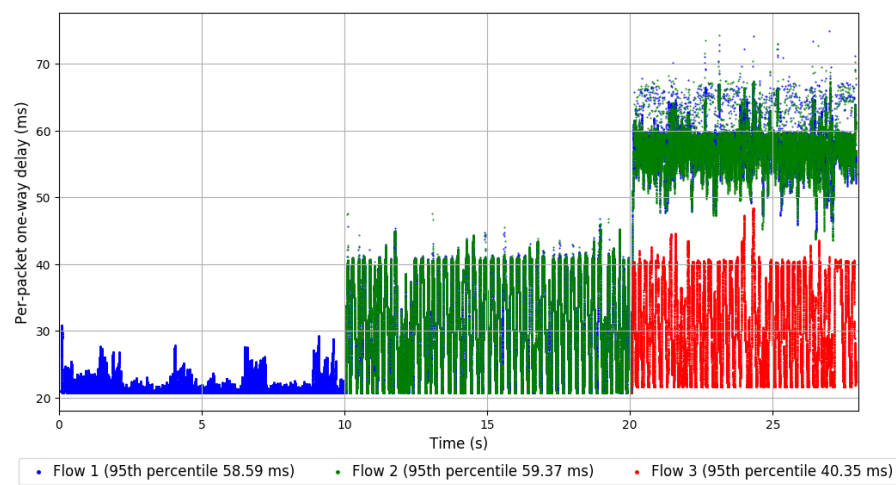
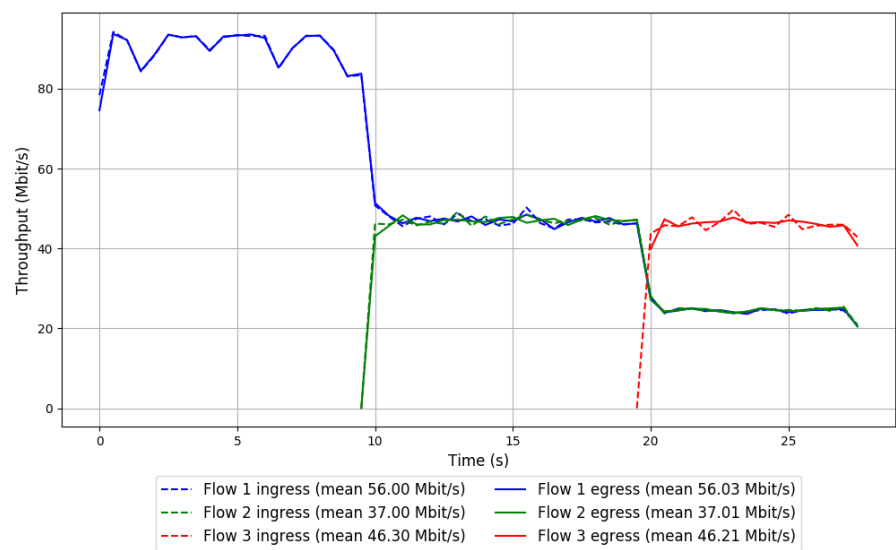


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 02:57:33  
End at: 2017-09-18 02:58:03  
Local clock offset: -0.055 ms  
Remote clock offset: -5.056 ms

# Below is generated by plot.py at 2017-09-18 07:12:31  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 92.91 Mbit/s  
95th percentile per-packet one-way delay: 58.744 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 56.03 Mbit/s  
95th percentile per-packet one-way delay: 58.594 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 37.01 Mbit/s  
95th percentile per-packet one-way delay: 59.373 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 46.21 Mbit/s  
95th percentile per-packet one-way delay: 40.351 ms  
Loss rate: 0.59%

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



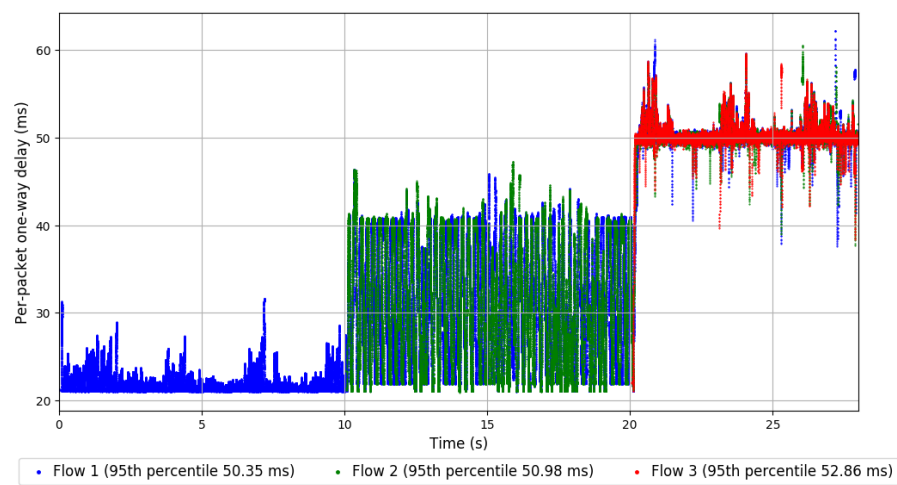
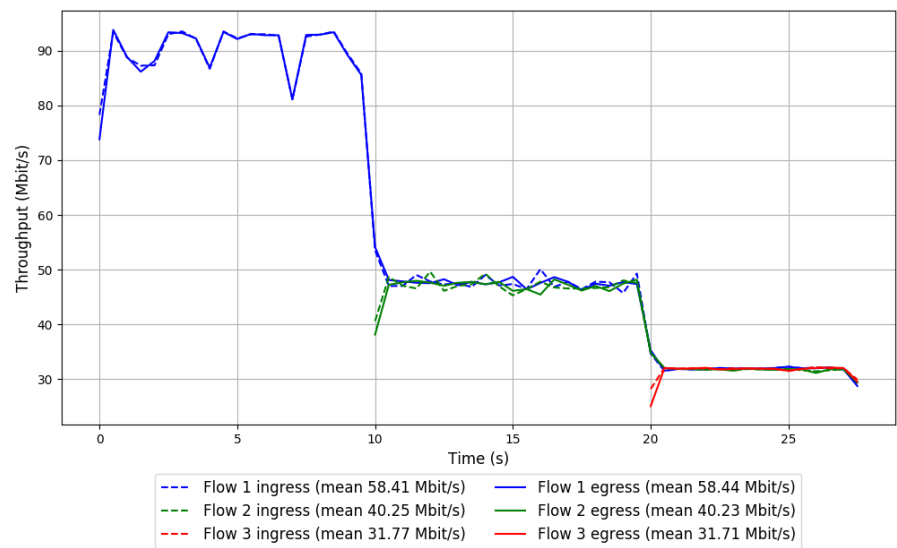
Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 03:19:11  
End at: 2017-09-18 03:19:41  
Local clock offset: 0.863 ms  
Remote clock offset: -4.382 ms

# Below is generated by plot.py at 2017-09-18 07:13:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 93.22 Mbit/s  
95th percentile per-packet one-way delay: 50.700 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 58.44 Mbit/s  
95th percentile per-packet one-way delay: 50.354 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 40.23 Mbit/s  
95th percentile per-packet one-way delay: 50.983 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 31.71 Mbit/s  
95th percentile per-packet one-way delay: 52.858 ms  
Loss rate: 0.71%



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

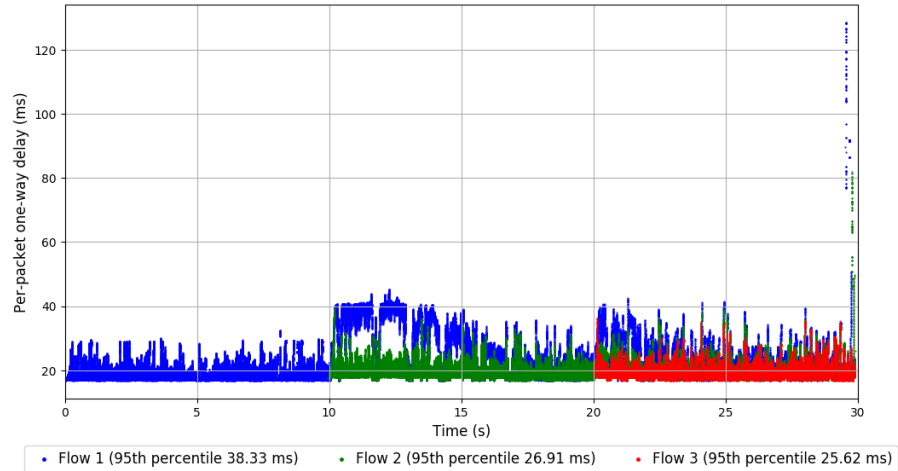
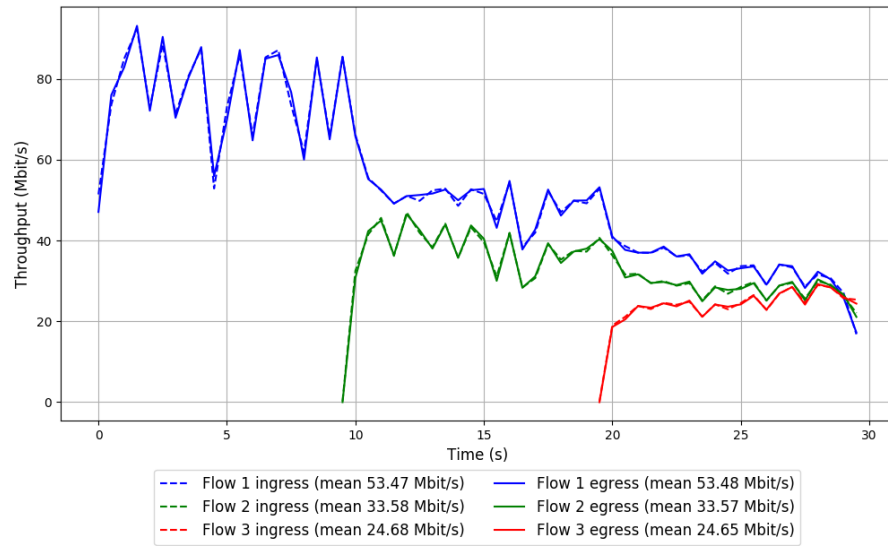


Run 1: Statistics of TCP Vegas

Start at: 2017-09-17 23:44:39  
End at: 2017-09-17 23:45:09  
Local clock offset: -3.591 ms  
Remote clock offset: -1.874 ms

# Below is generated by plot.py at 2017-09-18 07:13:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 84.06 Mbit/s  
95th percentile per-packet one-way delay: 36.582 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 53.48 Mbit/s  
95th percentile per-packet one-way delay: 38.329 ms  
Loss rate: 0.07%  
-- Flow 2:  
Average throughput: 33.57 Mbit/s  
95th percentile per-packet one-way delay: 26.906 ms  
Loss rate: 0.15%  
-- Flow 3:  
Average throughput: 24.65 Mbit/s  
95th percentile per-packet one-way delay: 25.622 ms  
Loss rate: 0.40%

## Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

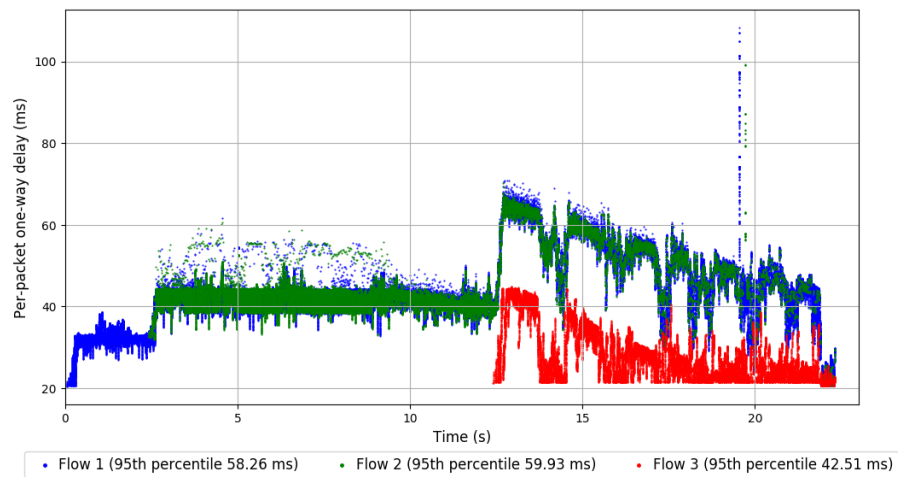
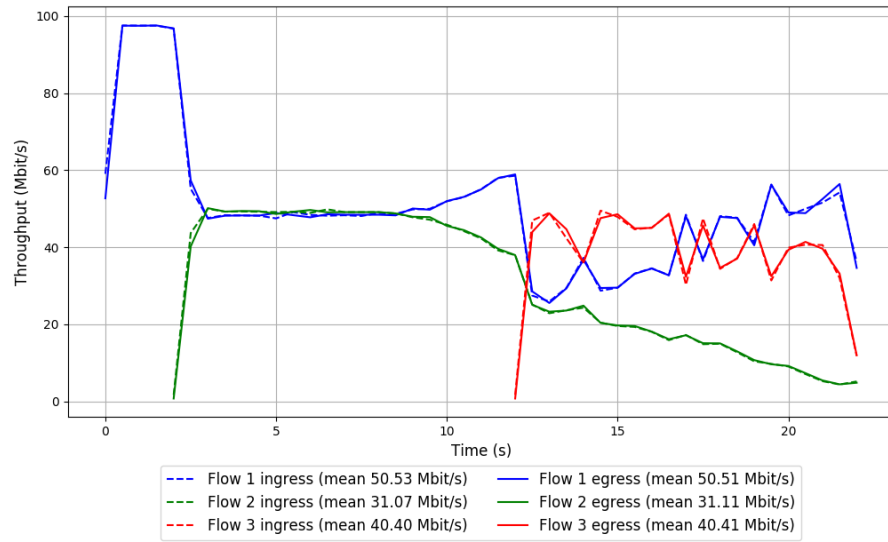
Start at: 2017-09-18 00:05:34

End at: 2017-09-18 00:06:04

Local clock offset: -0.502 ms

Remote clock offset: -2.846 ms

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

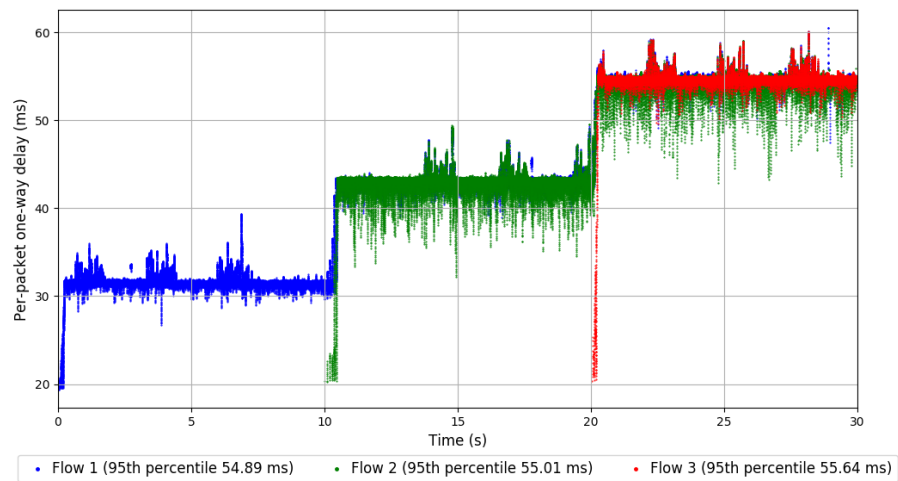
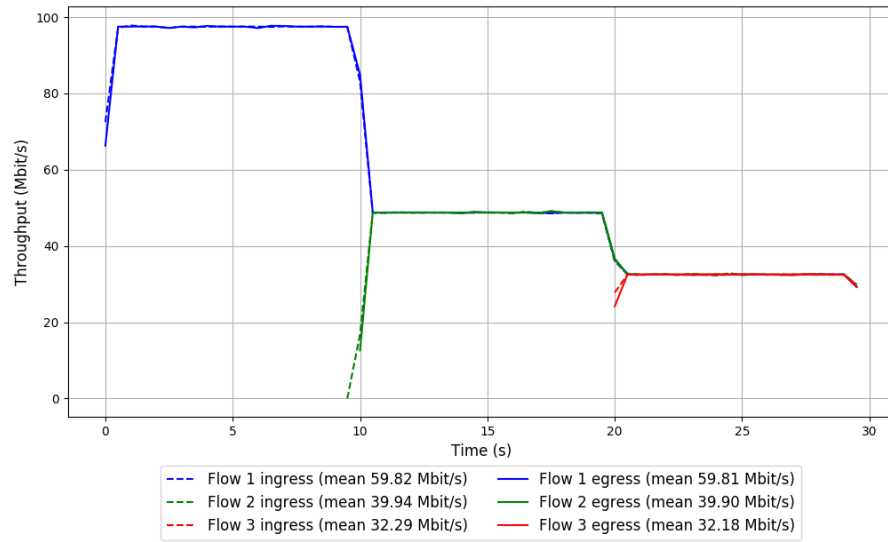


Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 00:26:19  
End at: 2017-09-18 00:26:49  
Local clock offset: -1.306 ms  
Remote clock offset: -2.941 ms

# Below is generated by plot.py at 2017-09-18 07:13:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 97.05 Mbit/s  
95th percentile per-packet one-way delay: 54.983 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 59.81 Mbit/s  
95th percentile per-packet one-way delay: 54.889 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 39.90 Mbit/s  
95th percentile per-packet one-way delay: 55.014 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 32.18 Mbit/s  
95th percentile per-packet one-way delay: 55.639 ms  
Loss rate: 0.64%

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



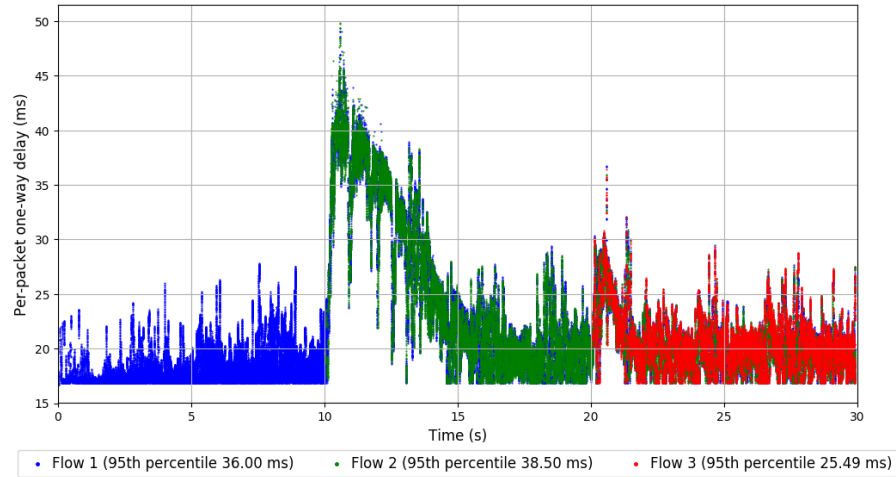
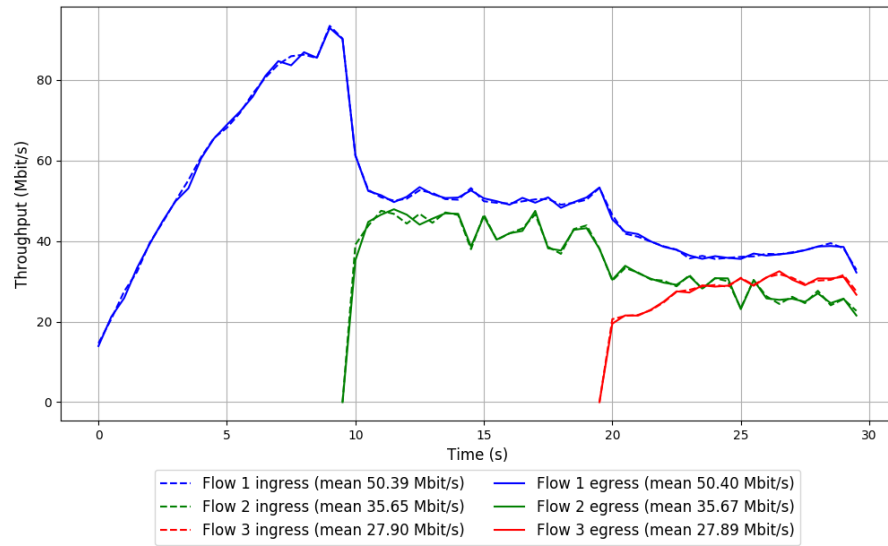
Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 00:47:08  
End at: 2017-09-18 00:47:38  
Local clock offset: -2.623 ms  
Remote clock offset: -2.392 ms

# Below is generated by plot.py at 2017-09-18 07:13:13  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 83.42 Mbit/s  
95th percentile per-packet one-way delay: 36.690 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 50.40 Mbit/s  
95th percentile per-packet one-way delay: 35.999 ms  
Loss rate: 0.08%  
-- Flow 2:  
Average throughput: 35.67 Mbit/s  
95th percentile per-packet one-way delay: 38.498 ms  
Loss rate: 0.13%  
-- Flow 3:  
Average throughput: 27.89 Mbit/s  
95th percentile per-packet one-way delay: 25.491 ms  
Loss rate: 0.37%



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

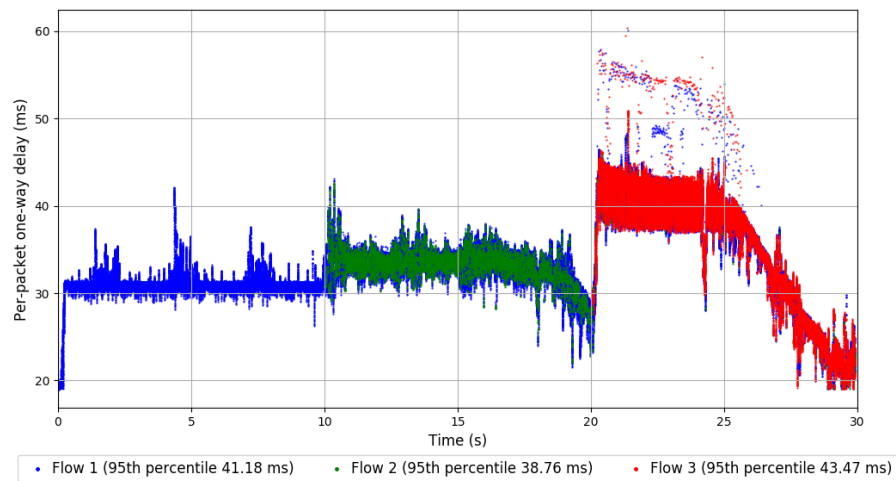
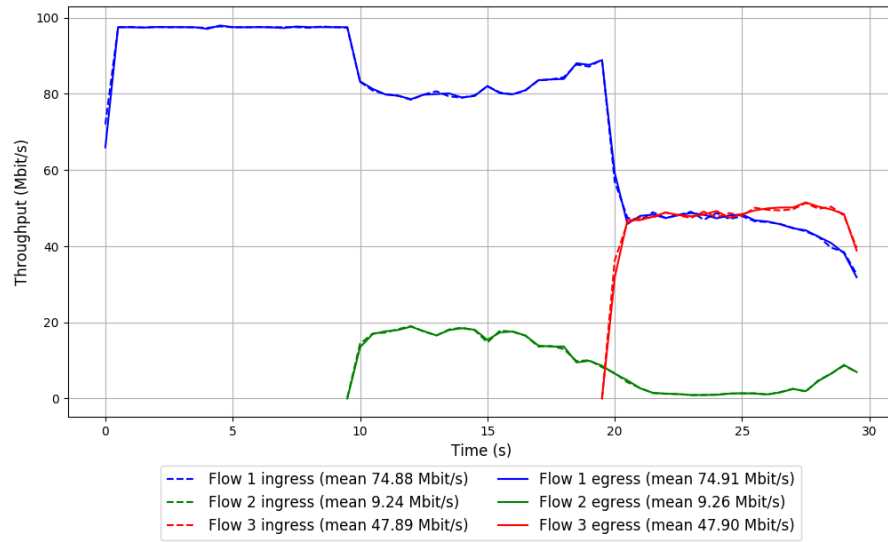


Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 01:07:20  
End at: 2017-09-18 01:07:50  
Local clock offset: -0.453 ms  
Remote clock offset: -3.081 ms

# Below is generated by plot.py at 2017-09-18 07:13:18  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.98 Mbit/s  
95th percentile per-packet one-way delay: 42.498 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 74.91 Mbit/s  
95th percentile per-packet one-way delay: 41.184 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 9.26 Mbit/s  
95th percentile per-packet one-way delay: 38.756 ms  
Loss rate: 0.04%  
-- Flow 3:  
Average throughput: 47.90 Mbit/s  
95th percentile per-packet one-way delay: 43.470 ms  
Loss rate: 0.32%

# Run 5: Report of TCP Vegas — Data Link

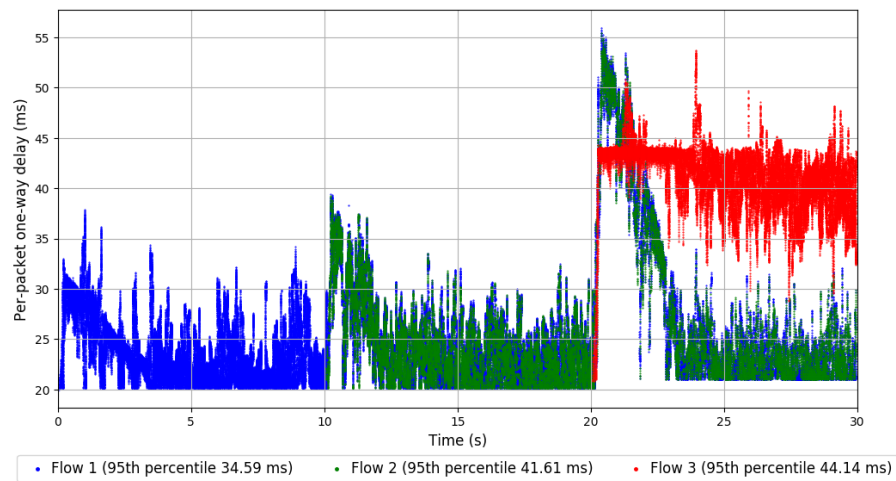
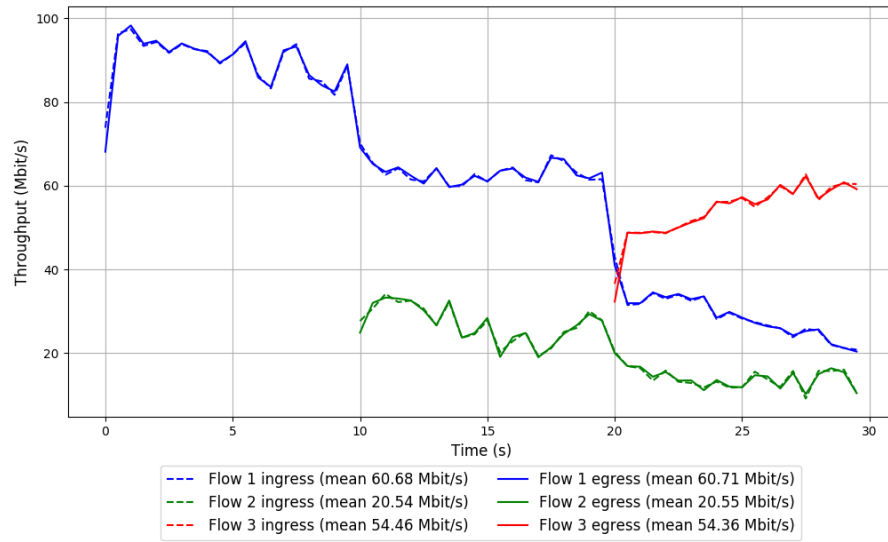


Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 01:46:18  
End at: 2017-09-18 01:46:48  
Local clock offset: 0.153 ms  
Remote clock offset: -3.768 ms

# Below is generated by plot.py at 2017-09-18 07:13:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 92.40 Mbit/s  
95th percentile per-packet one-way delay: 43.648 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 60.71 Mbit/s  
95th percentile per-packet one-way delay: 34.594 ms  
Loss rate: 0.04%  
-- Flow 2:  
Average throughput: 20.55 Mbit/s  
95th percentile per-packet one-way delay: 41.611 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 54.36 Mbit/s  
95th percentile per-packet one-way delay: 44.143 ms  
Loss rate: 0.56%

# Run 6: Report of TCP Vegas — Data Link

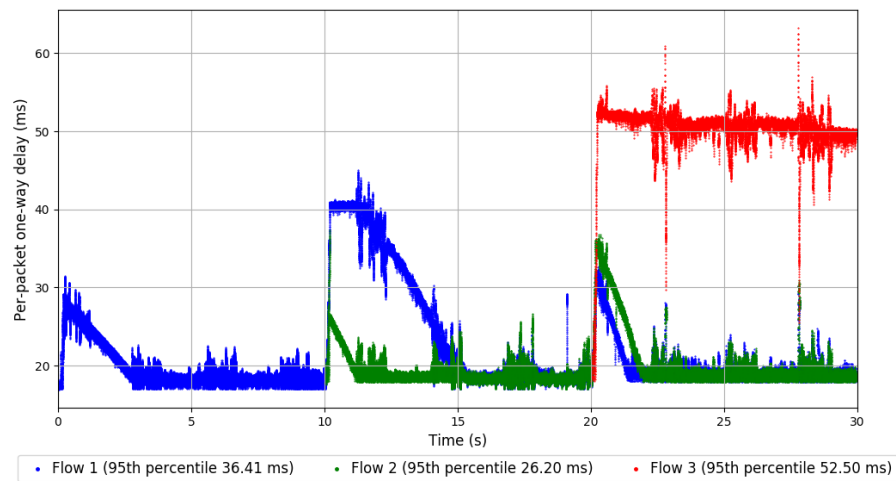
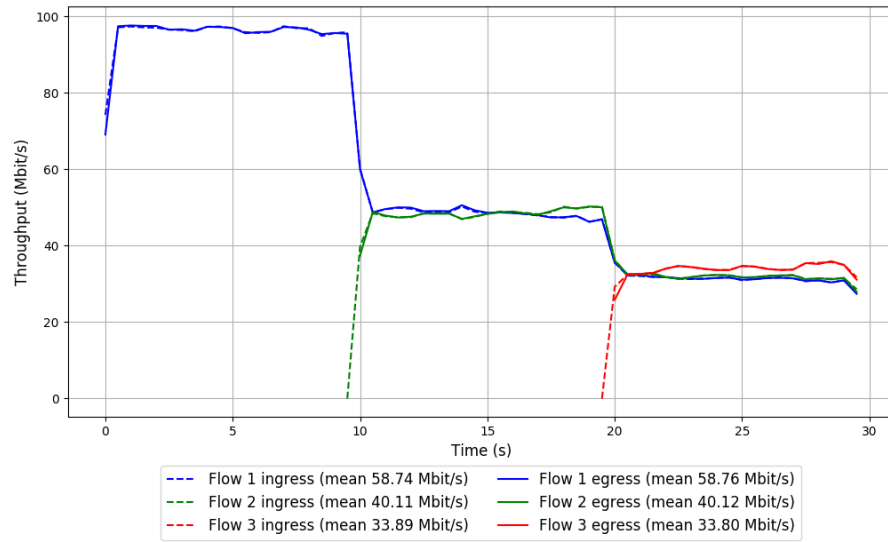


Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 02:06:20  
End at: 2017-09-18 02:06:50  
Local clock offset: -2.812 ms  
Remote clock offset: -3.874 ms

```
# Below is generated by plot.py at 2017-09-18 07:13:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 51.017 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 36.410 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.12 Mbit/s
95th percentile per-packet one-way delay: 26.195 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 52.498 ms
Loss rate: 0.61%
```

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



Run 8: Statistics of TCP Vegas

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

End at: 2017-09-18 02:27:48

Local clock offset: -2.61 ms

Remote clock offset: -4.94 ms

# Below is generated by plot.py at 2017-09-18 07:13:52

# Datalink statistics

-- Total of 3 flows:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 42.988 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 64.77 Mbit/s

95th percentile per-packet one-way delay: 42.536 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 35.37 Mbit/s

95th percentile per-packet one-way delay: 43.960 ms

Loss rate: 0.09%

-- Flow 3:

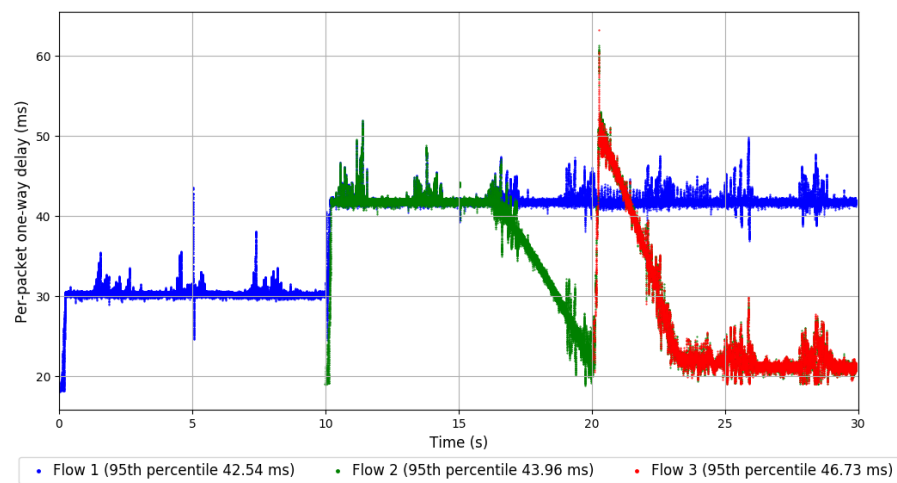
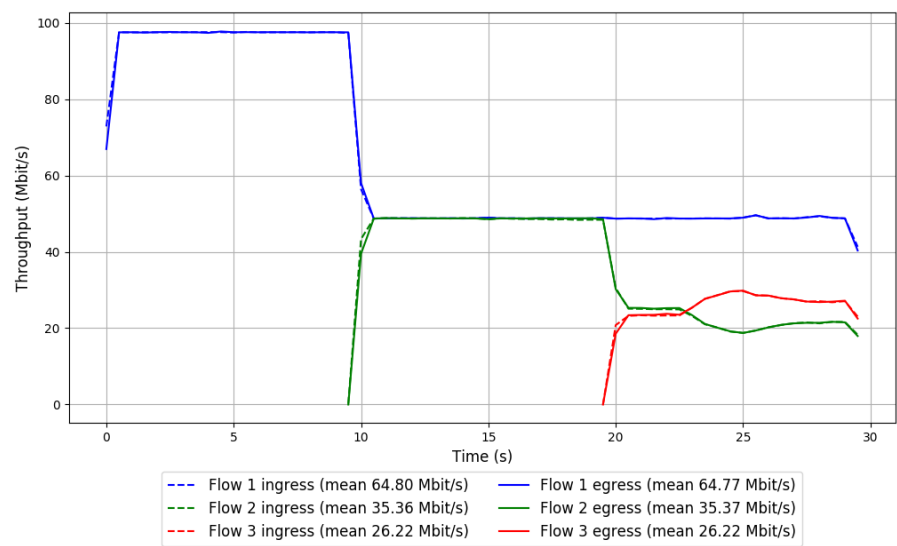
Average throughput: 26.22 Mbit/s

95th percentile per-packet one-way delay: 46.725 ms

Loss rate: 0.31%



Run 8: Report of TCP Vegas — Data Link

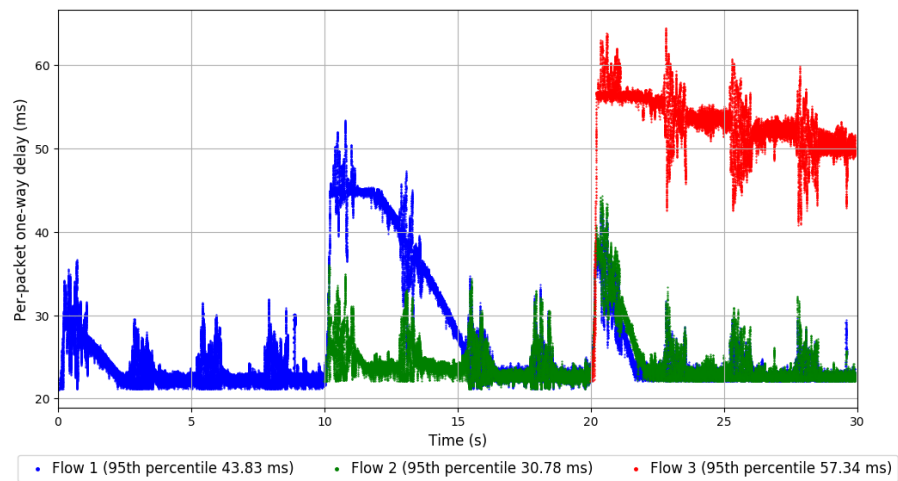
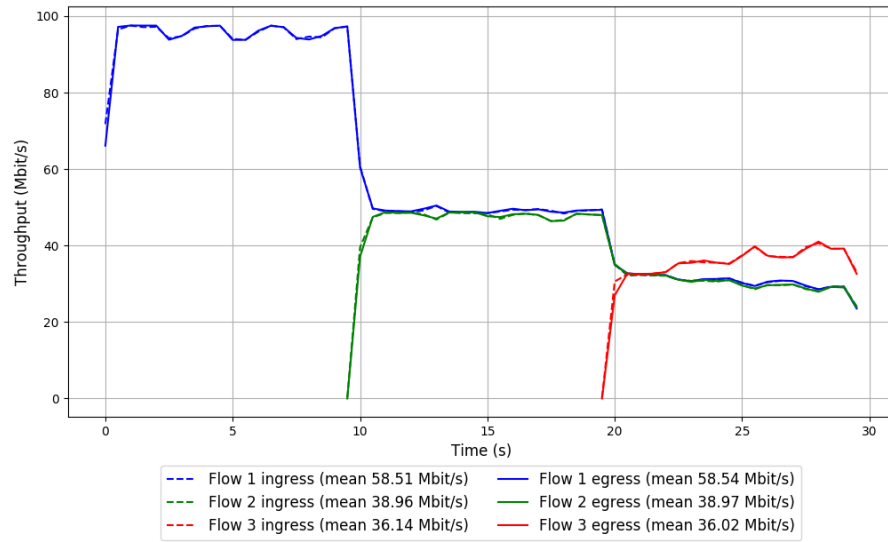


Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 03:05:42  
End at: 2017-09-18 03:06:12  
Local clock offset: 0.318 ms  
Remote clock offset: -5.126 ms

# Below is generated by plot.py at 2017-09-18 07:13:57  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.49 Mbit/s  
95th percentile per-packet one-way delay: 53.507 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 58.54 Mbit/s  
95th percentile per-packet one-way delay: 43.827 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 38.97 Mbit/s  
95th percentile per-packet one-way delay: 30.778 ms  
Loss rate: 0.10%  
-- Flow 3:  
Average throughput: 36.02 Mbit/s  
95th percentile per-packet one-way delay: 57.335 ms  
Loss rate: 0.61%

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

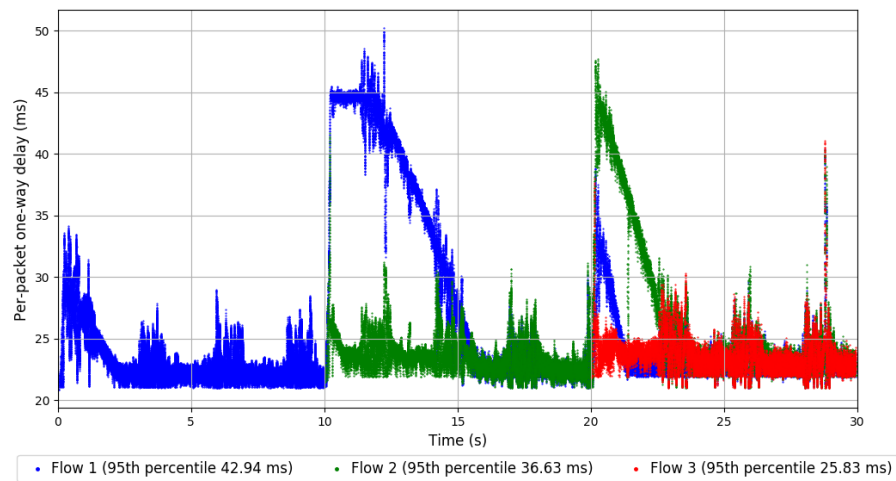
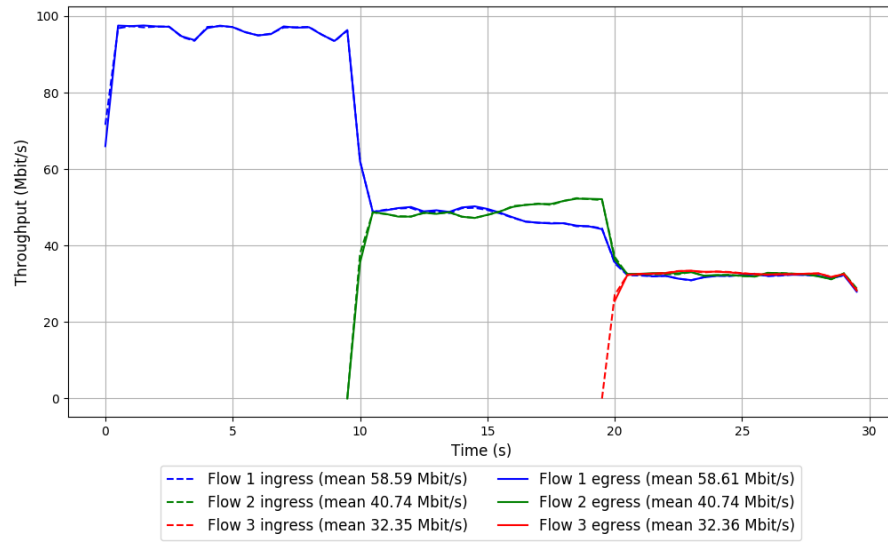


Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 03:28:33  
End at: 2017-09-18 03:29:03  
Local clock offset: 0.747 ms  
Remote clock offset: -4.644 ms

# Below is generated by plot.py at 2017-09-18 07:14:07  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.50 Mbit/s  
95th percentile per-packet one-way delay: 40.428 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 58.61 Mbit/s  
95th percentile per-packet one-way delay: 42.936 ms  
Loss rate: 0.05%  
-- Flow 2:  
Average throughput: 40.74 Mbit/s  
95th percentile per-packet one-way delay: 36.629 ms  
Loss rate: 0.12%  
-- Flow 3:  
Average throughput: 32.36 Mbit/s  
95th percentile per-packet one-way delay: 25.827 ms  
Loss rate: 0.29%

# Run 10: Report of TCP Vegas — Data Link

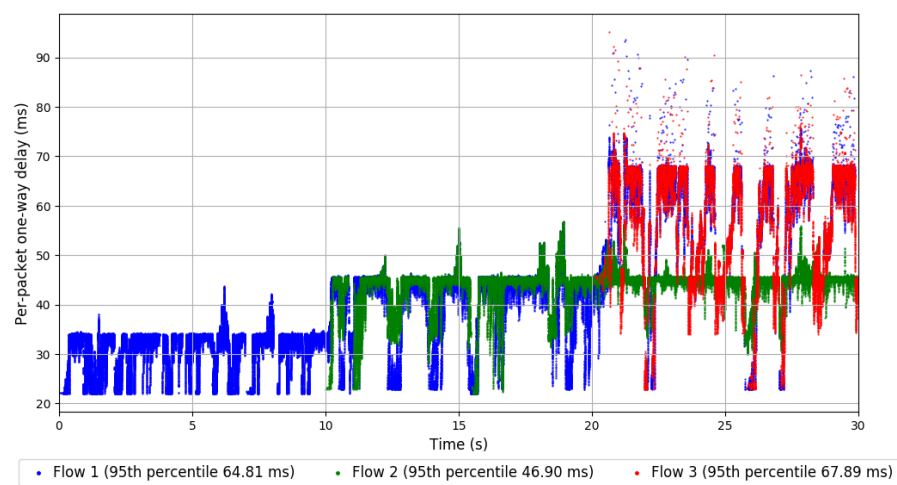
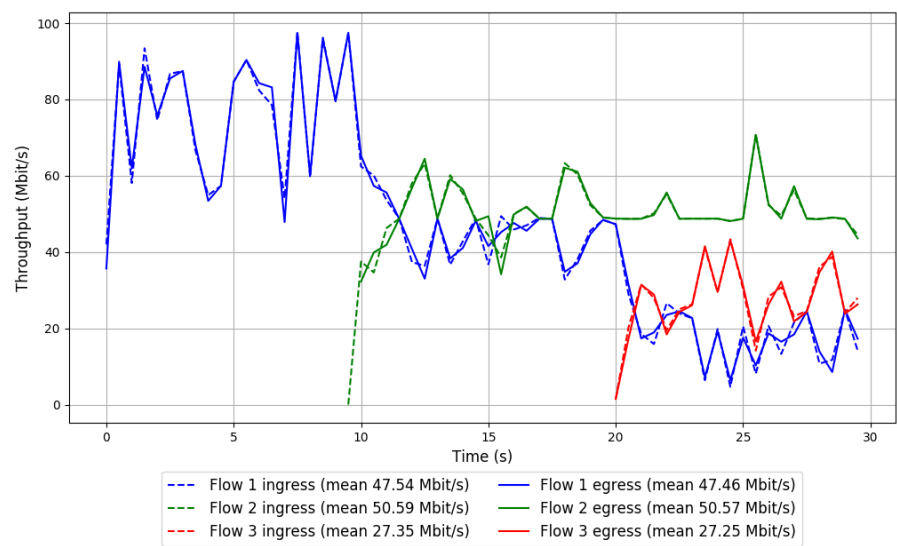


Run 1: Statistics of Verus

Start at: 2017-09-17 23:35:46  
End at: 2017-09-17 23:36:16  
Local clock offset: -0.252 ms  
Remote clock offset: -3.491 ms

# Below is generated by plot.py at 2017-09-18 07:14:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 90.01 Mbit/s  
95th percentile per-packet one-way delay: 65.137 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 47.46 Mbit/s  
95th percentile per-packet one-way delay: 64.808 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 50.57 Mbit/s  
95th percentile per-packet one-way delay: 46.902 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 27.25 Mbit/s  
95th percentile per-packet one-way delay: 67.892 ms  
Loss rate: 0.93%

Run 1: Report of Verus — Data Link



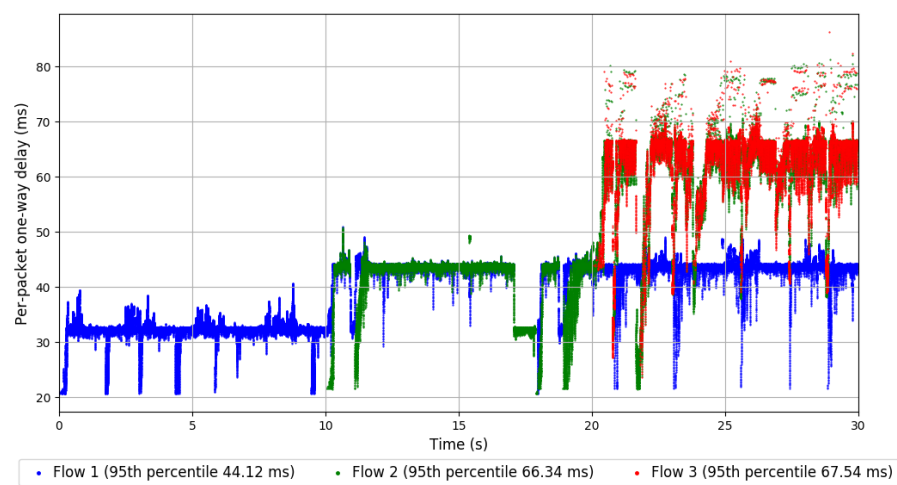
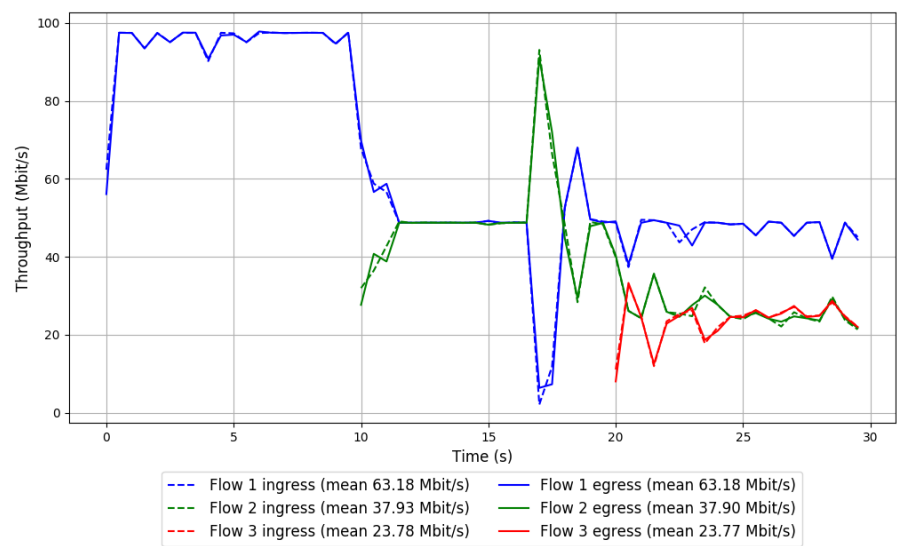
Run 2: Statistics of Verus

Start at: 2017-09-17 23:55:25  
End at: 2017-09-17 23:55:55  
Local clock offset: -0.093 ms  
Remote clock offset: -2.138 ms

# Below is generated by plot.py at 2017-09-18 07:14:39  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 65.783 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 63.18 Mbit/s  
95th percentile per-packet one-way delay: 44.123 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 37.90 Mbit/s  
95th percentile per-packet one-way delay: 66.342 ms  
Loss rate: 0.18%  
-- Flow 3:  
Average throughput: 23.77 Mbit/s  
95th percentile per-packet one-way delay: 67.541 ms  
Loss rate: 0.70%



Run 2: Report of Verus — Data Link

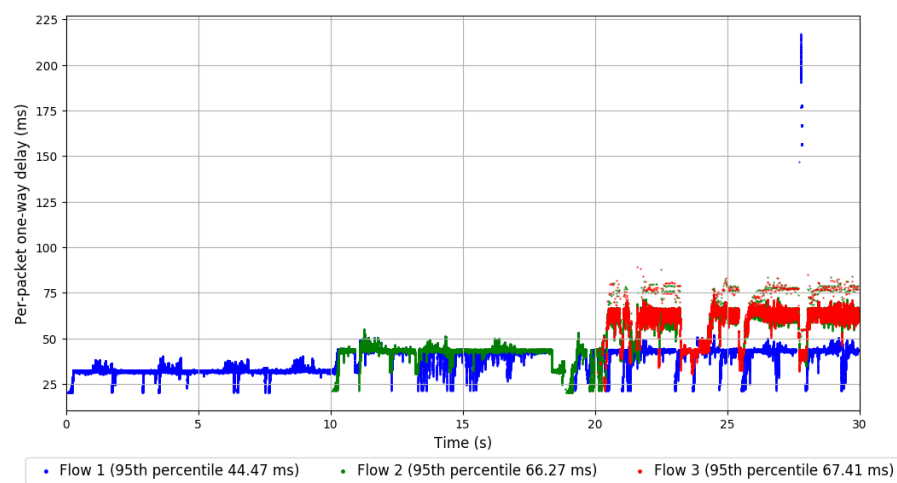
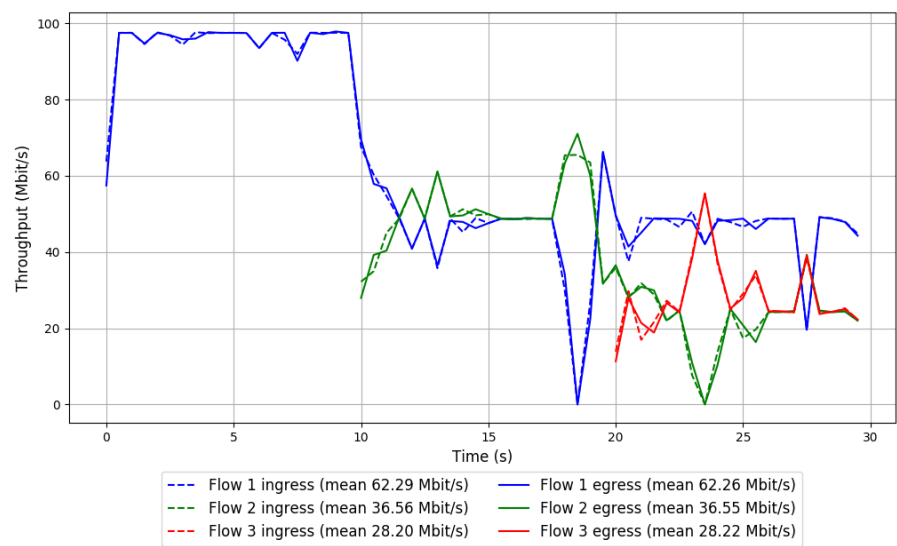


Run 3: Statistics of Verus

Start at: 2017-09-18 00:16:05  
End at: 2017-09-18 00:16:35  
Local clock offset: -1.172 ms  
Remote clock offset: -3.558 ms

# Below is generated by plot.py at 2017-09-18 07:14:43  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.90 Mbit/s  
95th percentile per-packet one-way delay: 65.434 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 62.26 Mbit/s  
95th percentile per-packet one-way delay: 44.469 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 36.55 Mbit/s  
95th percentile per-packet one-way delay: 66.267 ms  
Loss rate: 0.23%  
-- Flow 3:  
Average throughput: 28.22 Mbit/s  
95th percentile per-packet one-way delay: 67.405 ms  
Loss rate: 0.59%

Run 3: Report of Verus — Data Link

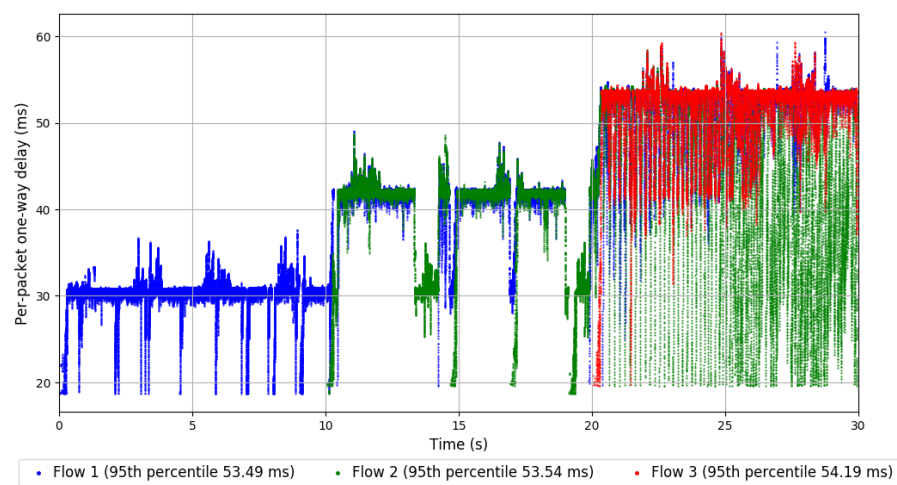
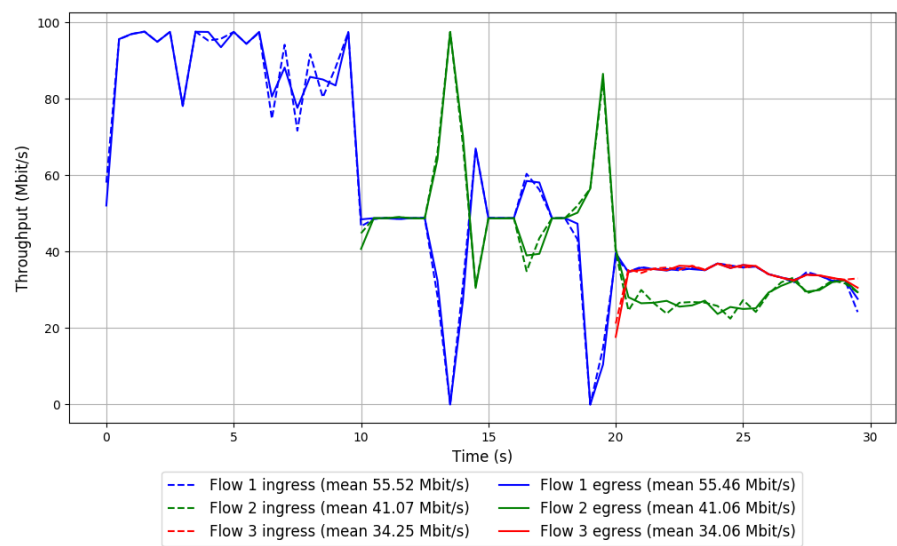


Run 4: Statistics of Verus

Start at: 2017-09-18 00:37:22  
End at: 2017-09-18 00:37:52  
Local clock offset: -2.698 ms  
Remote clock offset: -3.968 ms

# Below is generated by plot.py at 2017-09-18 07:14:44  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 94.00 Mbit/s  
95th percentile per-packet one-way delay: 53.603 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 55.46 Mbit/s  
95th percentile per-packet one-way delay: 53.495 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 41.06 Mbit/s  
95th percentile per-packet one-way delay: 53.543 ms  
Loss rate: 0.16%  
-- Flow 3:  
Average throughput: 34.06 Mbit/s  
95th percentile per-packet one-way delay: 54.194 ms  
Loss rate: 0.87%

Run 4: Report of Verus — Data Link

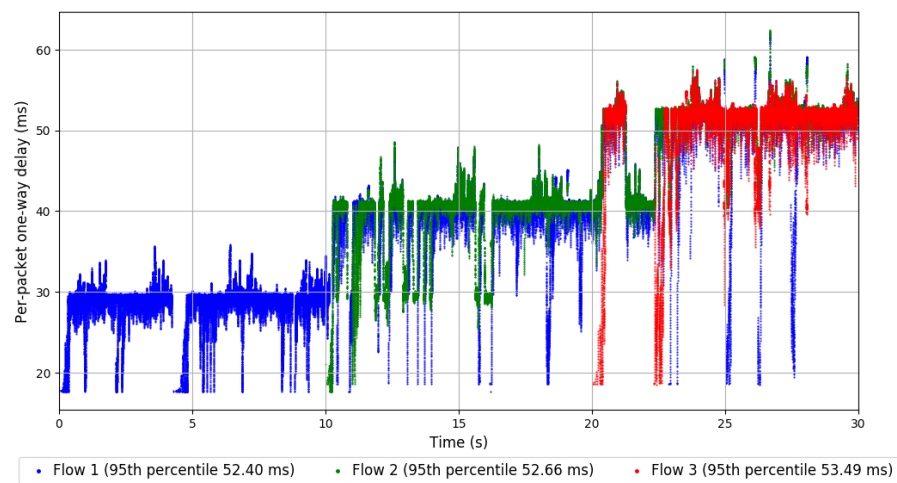
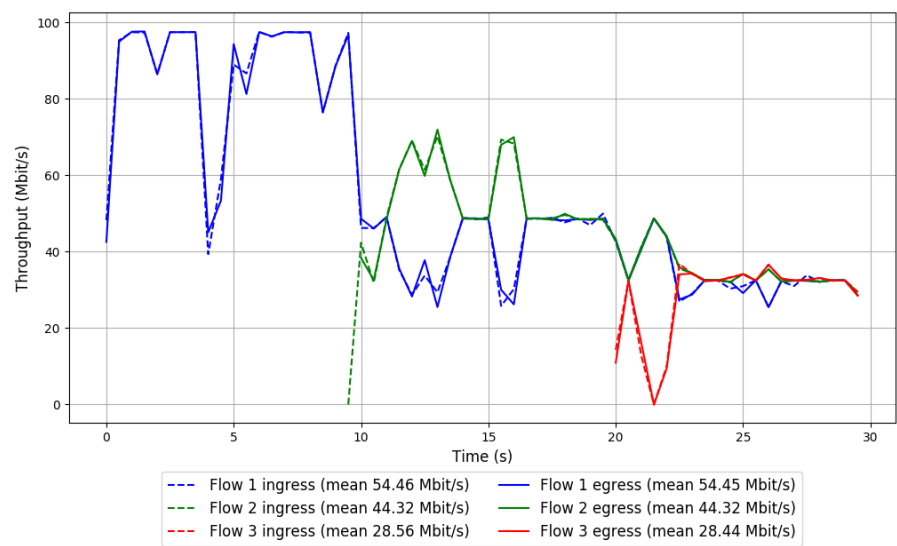


Run 5: Statistics of Verus

Start at: 2017-09-18 00:57:30  
End at: 2017-09-18 00:58:00  
Local clock offset: -1.732 ms  
Remote clock offset: -2.67 ms

# Below is generated by plot.py at 2017-09-18 07:15:18  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 93.39 Mbit/s  
95th percentile per-packet one-way delay: 52.593 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 54.45 Mbit/s  
95th percentile per-packet one-way delay: 52.398 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 44.32 Mbit/s  
95th percentile per-packet one-way delay: 52.656 ms  
Loss rate: 0.24%  
-- Flow 3:  
Average throughput: 28.44 Mbit/s  
95th percentile per-packet one-way delay: 53.495 ms  
Loss rate: 0.75%

Run 5: Report of Verus — Data Link



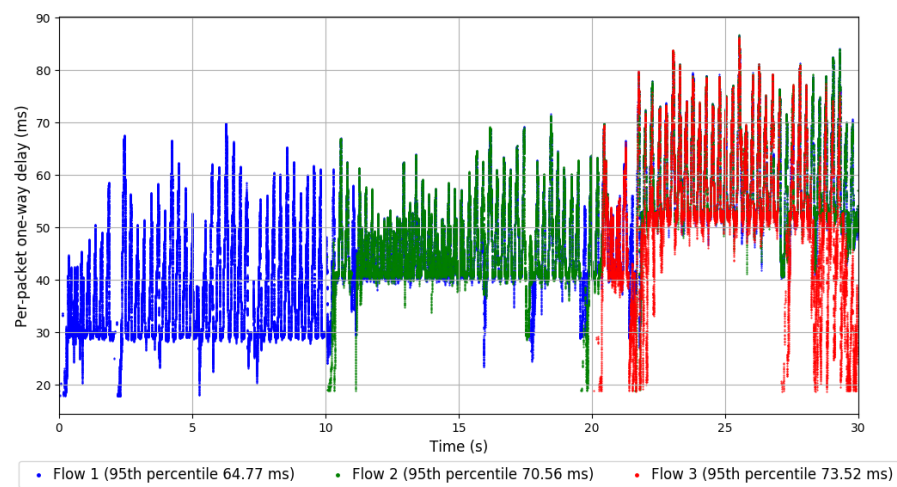
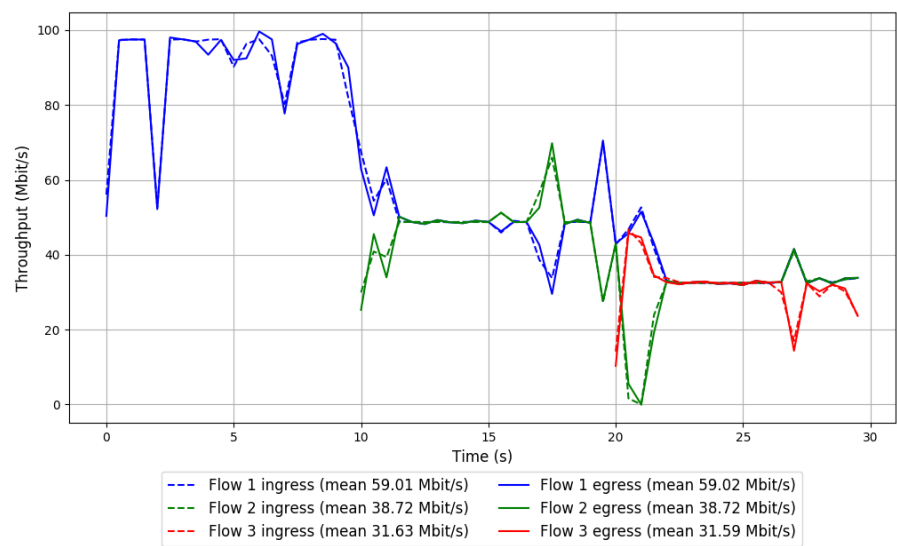
Run 6: Statistics of Verus

Start at: 2017-09-18 01:23:04  
End at: 2017-09-18 01:23:34  
Local clock offset: -2.113 ms  
Remote clock offset: -3.78 ms

# Below is generated by plot.py at 2017-09-18 07:15:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.18 Mbit/s  
95th percentile per-packet one-way delay: 68.420 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 59.02 Mbit/s  
95th percentile per-packet one-way delay: 64.766 ms  
Loss rate: 0.12%  
-- Flow 2:  
Average throughput: 38.72 Mbit/s  
95th percentile per-packet one-way delay: 70.563 ms  
Loss rate: 0.27%  
-- Flow 3:  
Average throughput: 31.59 Mbit/s  
95th percentile per-packet one-way delay: 73.516 ms  
Loss rate: 0.40%



Run 6: Report of Verus — Data Link

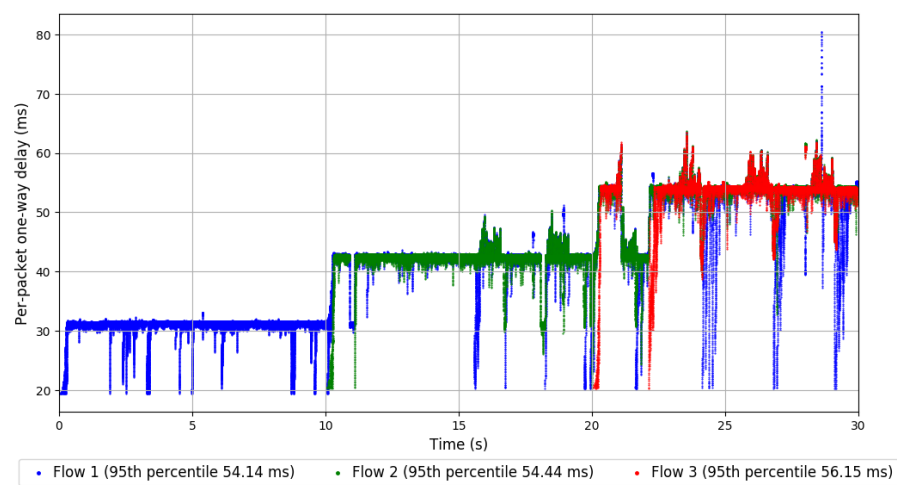
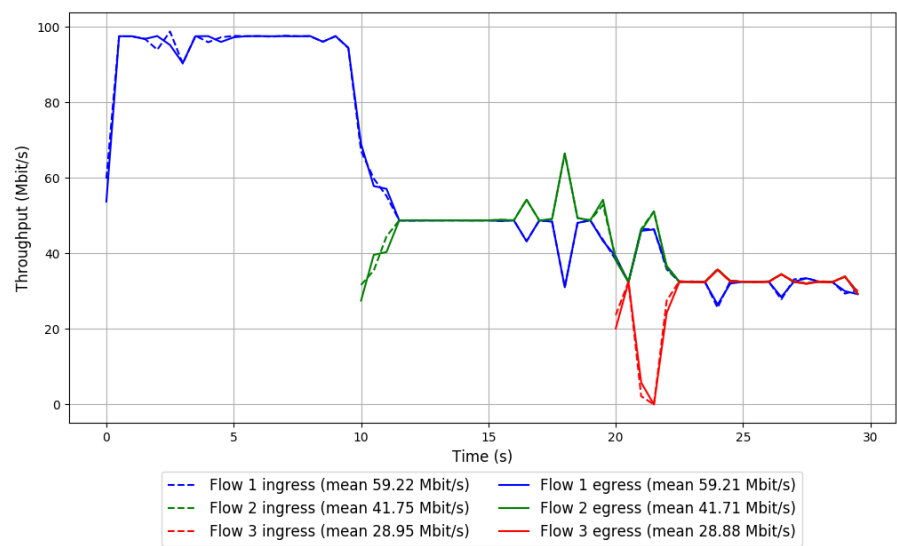


Run 7: Statistics of Verus

Start at: 2017-09-18 01:56:31  
End at: 2017-09-18 01:57:01  
Local clock offset: -0.475 ms  
Remote clock offset: -3.66 ms

# Below is generated by plot.py at 2017-09-18 07:15:25  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.52 Mbit/s  
95th percentile per-packet one-way delay: 54.349 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 59.21 Mbit/s  
95th percentile per-packet one-way delay: 54.141 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 41.71 Mbit/s  
95th percentile per-packet one-way delay: 54.435 ms  
Loss rate: 0.25%  
-- Flow 3:  
Average throughput: 28.88 Mbit/s  
95th percentile per-packet one-way delay: 56.148 ms  
Loss rate: 0.71%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-09-18 02:17:18

End at: 2017-09-18 02:17:48

Local clock offset: 0.003 ms

Remote clock offset: -2.66 ms

# Below is generated by plot.py at 2017-09-18 07:15:29

# Datalink statistics

-- Total of 3 flows:

Average throughput: 94.13 Mbit/s

95th percentile per-packet one-way delay: 62.792 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 55.21 Mbit/s

95th percentile per-packet one-way delay: 61.985 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 36.34 Mbit/s

95th percentile per-packet one-way delay: 64.499 ms

Loss rate: 0.04%

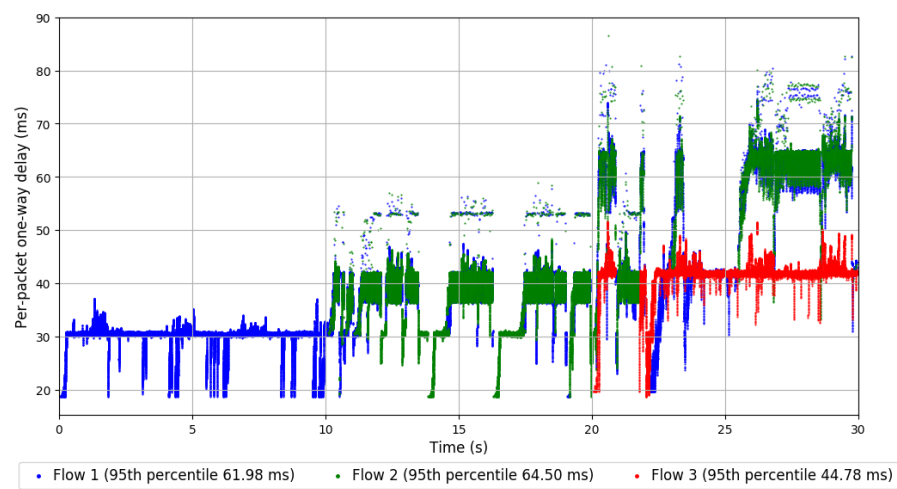
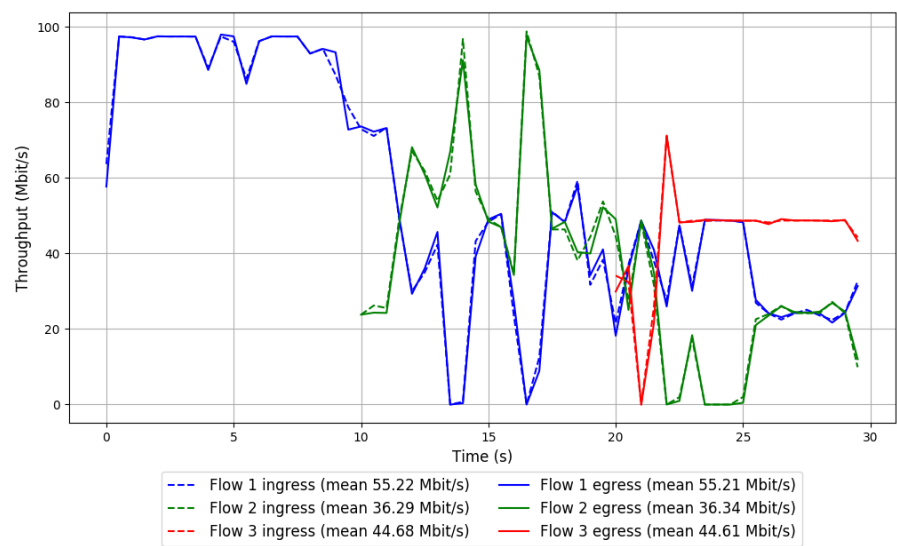
-- Flow 3:

Average throughput: 44.61 Mbit/s

95th percentile per-packet one-way delay: 44.779 ms

Loss rate: 0.56%

Run 8: Report of Verus — Data Link

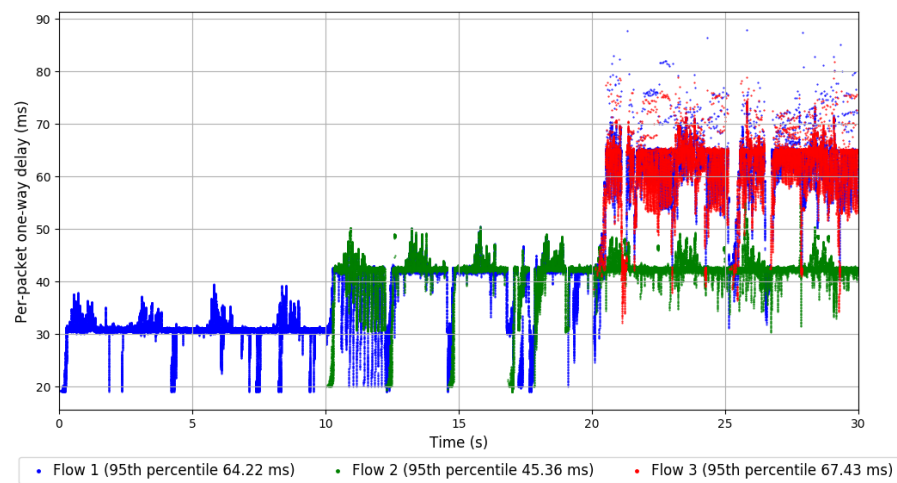
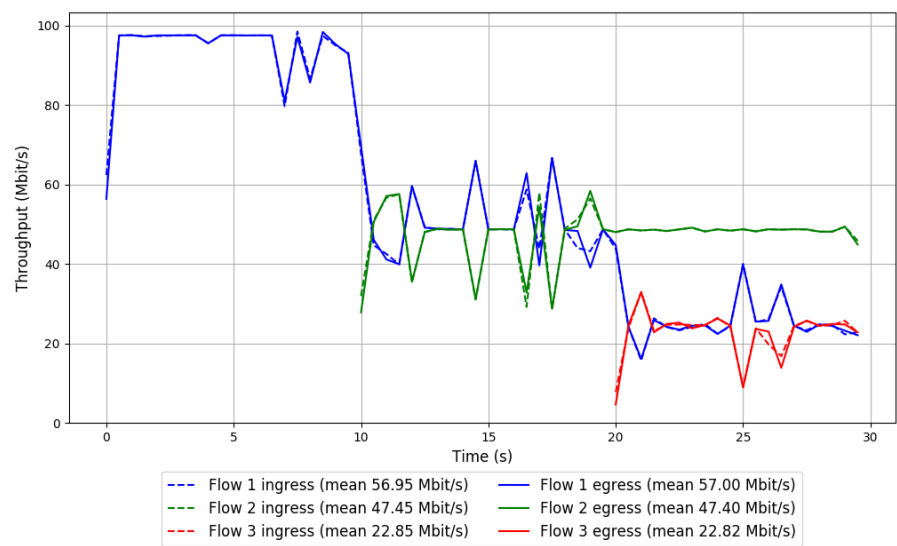


Run 9: Statistics of Verus

Start at: 2017-09-18 02:56:05  
End at: 2017-09-18 02:56:35  
Local clock offset: -1.959 ms  
Remote clock offset: -5.198 ms

# Below is generated by plot.py at 2017-09-18 07:15:29  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 96.07 Mbit/s  
95th percentile per-packet one-way delay: 64.510 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 57.00 Mbit/s  
95th percentile per-packet one-way delay: 64.221 ms  
Loss rate: 0.10%  
-- Flow 2:  
Average throughput: 47.40 Mbit/s  
95th percentile per-packet one-way delay: 45.364 ms  
Loss rate: 0.27%  
-- Flow 3:  
Average throughput: 22.82 Mbit/s  
95th percentile per-packet one-way delay: 67.428 ms  
Loss rate: 0.80%

Run 9: Report of Verus — Data Link



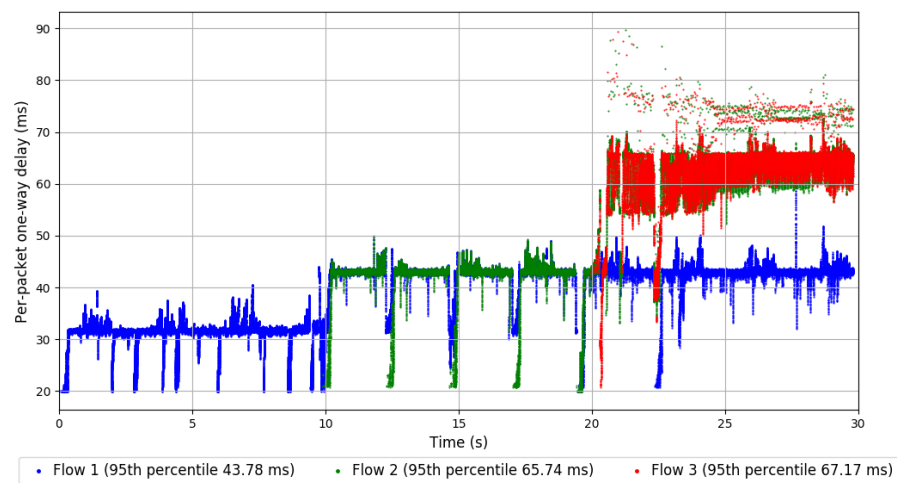
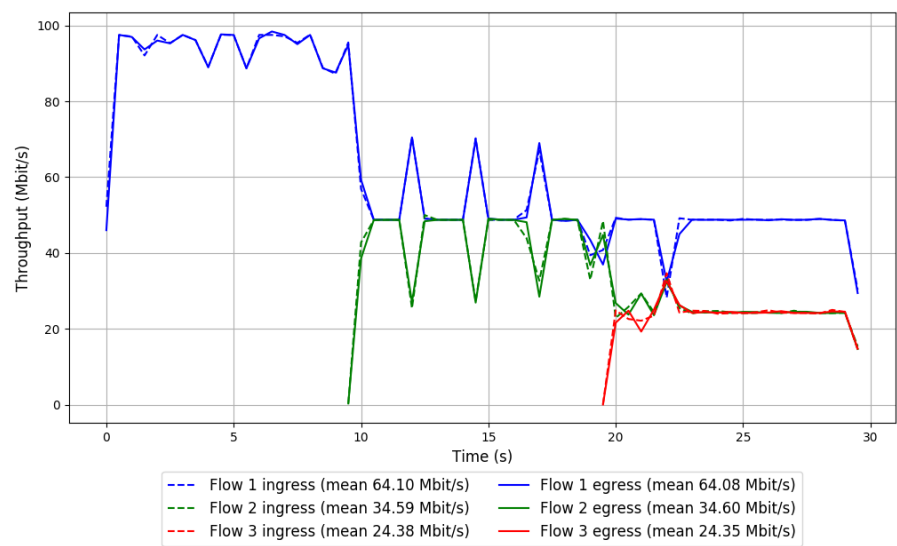
Run 10: Statistics of Verus

Start at: 2017-09-18 03:17:30  
End at: 2017-09-18 03:18:00  
Local clock offset: 0.068 ms  
Remote clock offset: -3.912 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 95.29 Mbit/s  
95th percentile per-packet one-way delay: 65.173 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 64.08 Mbit/s  
95th percentile per-packet one-way delay: 43.784 ms  
Loss rate: 0.13%  
-- Flow 2:  
Average throughput: 34.60 Mbit/s  
95th percentile per-packet one-way delay: 65.744 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 24.35 Mbit/s  
95th percentile per-packet one-way delay: 67.172 ms  
Loss rate: 0.63%



Run 10: Report of Verus — Data Link

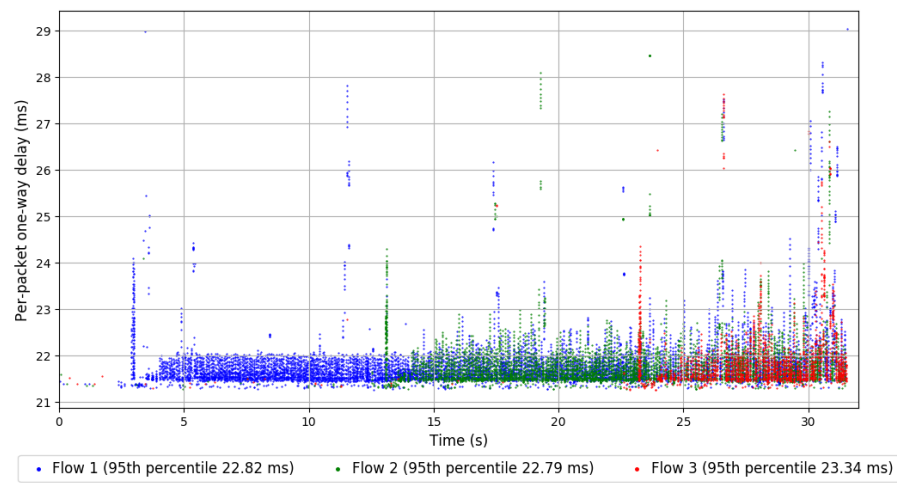
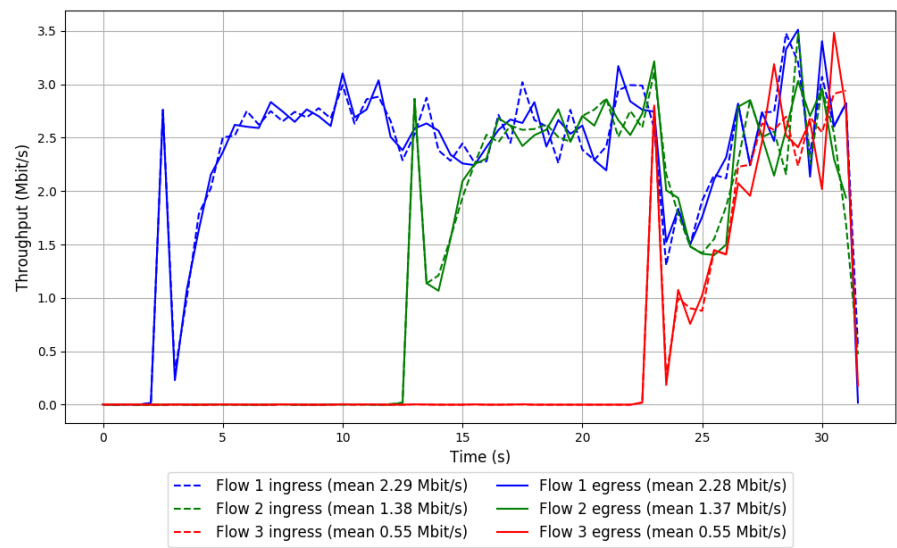


Run 1: Statistics of WebRTC media

Start at: 2017-09-17 23:28:06  
End at: 2017-09-17 23:28:36  
Local clock offset: -0.37 ms  
Remote clock offset: -2.671 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.20 Mbit/s  
95th percentile per-packet one-way delay: 22.900 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 22.819 ms  
Loss rate: 0.36%  
-- Flow 2:  
Average throughput: 1.37 Mbit/s  
95th percentile per-packet one-way delay: 22.793 ms  
Loss rate: 0.55%  
-- Flow 3:  
Average throughput: 0.55 Mbit/s  
95th percentile per-packet one-way delay: 23.342 ms  
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

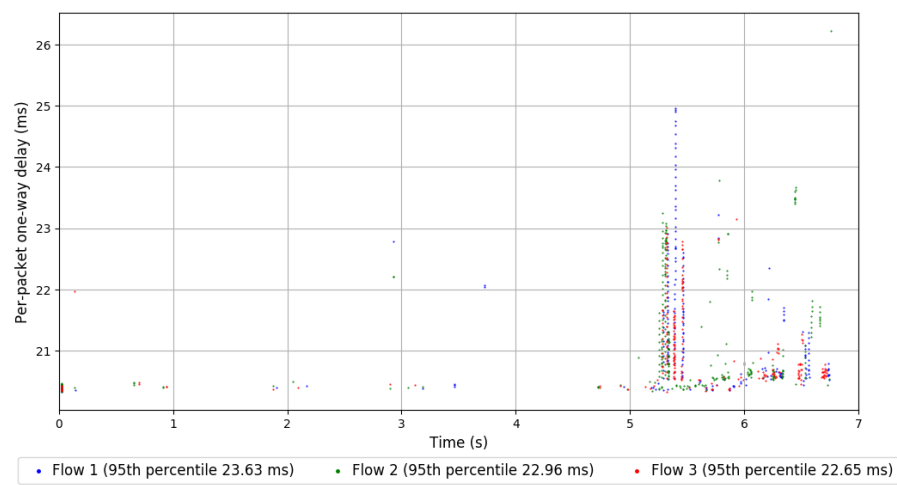
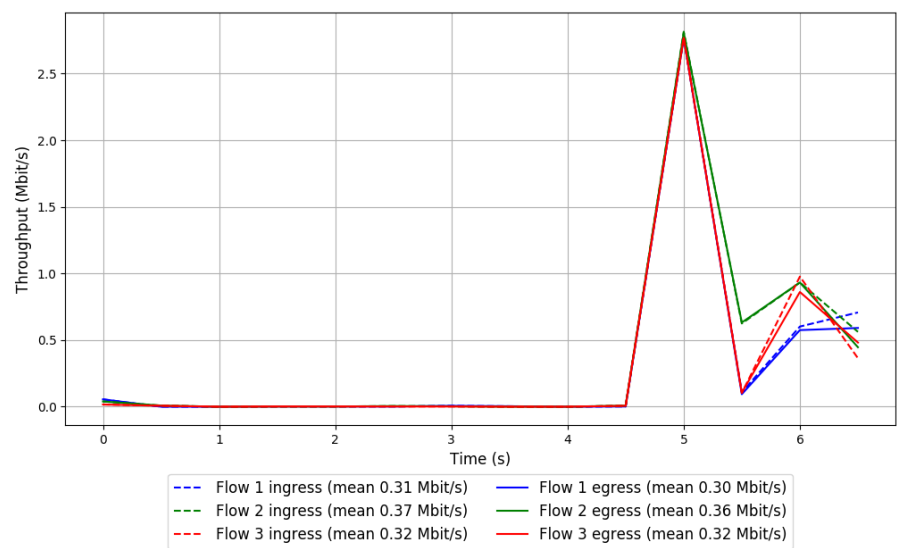
Start at: 2017-09-17 23:47:19

End at: 2017-09-17 23:47:49

Local clock offset: -0.02 ms

Remote clock offset: -1.955 ms

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

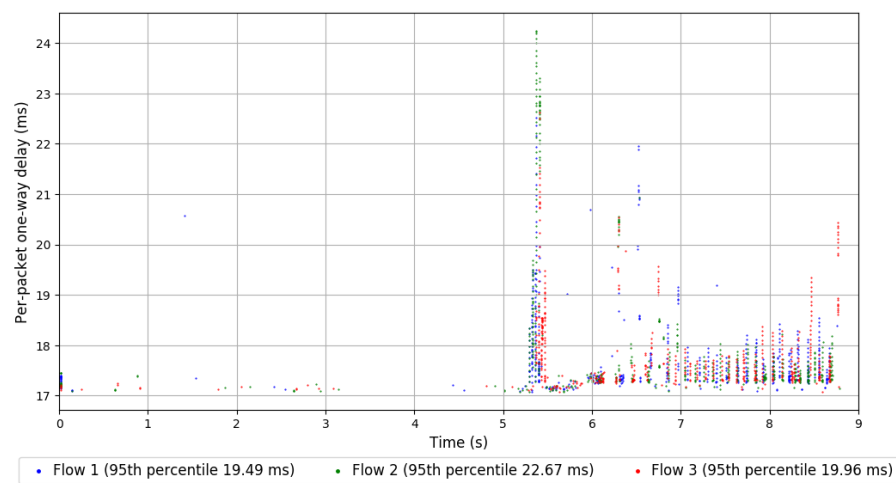
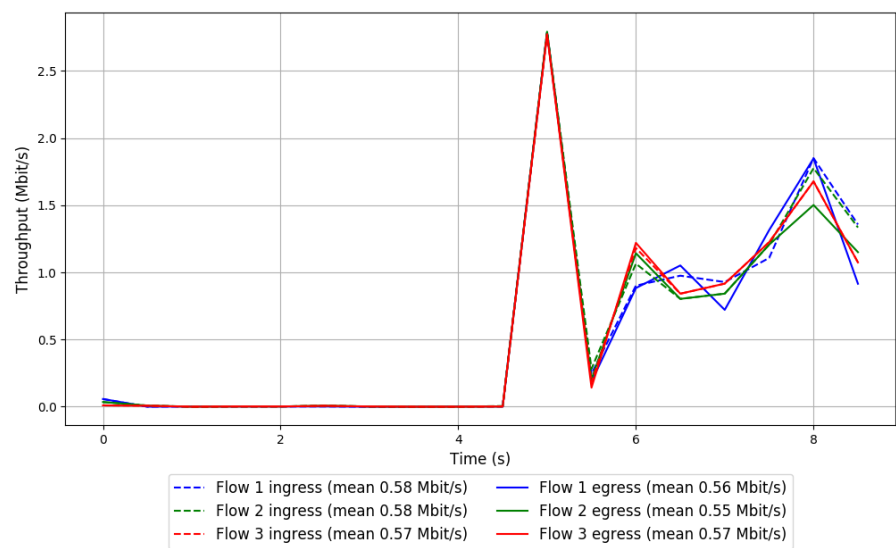
Start at: 2017-09-18 00:08:14

End at: 2017-09-18 00:08:44

Local clock offset: -3.495 ms

Remote clock offset: -2.618 ms

Run 3: Report of WebRTC media — Data Link



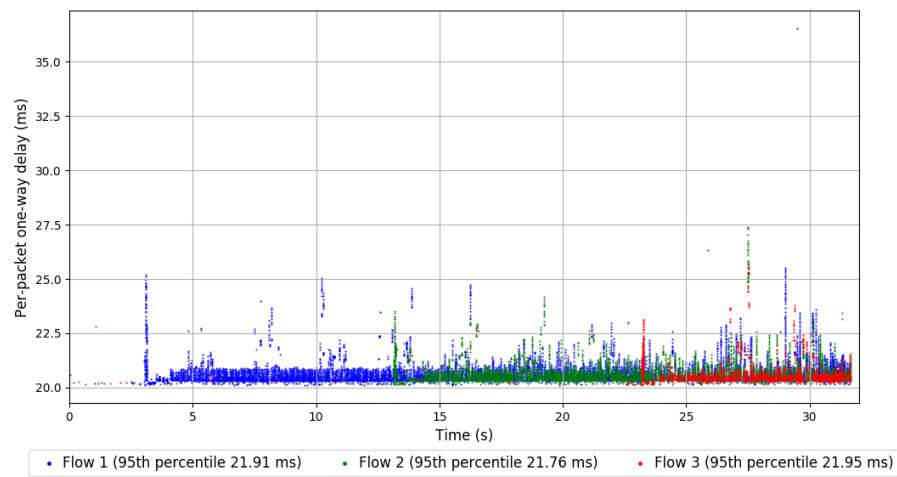
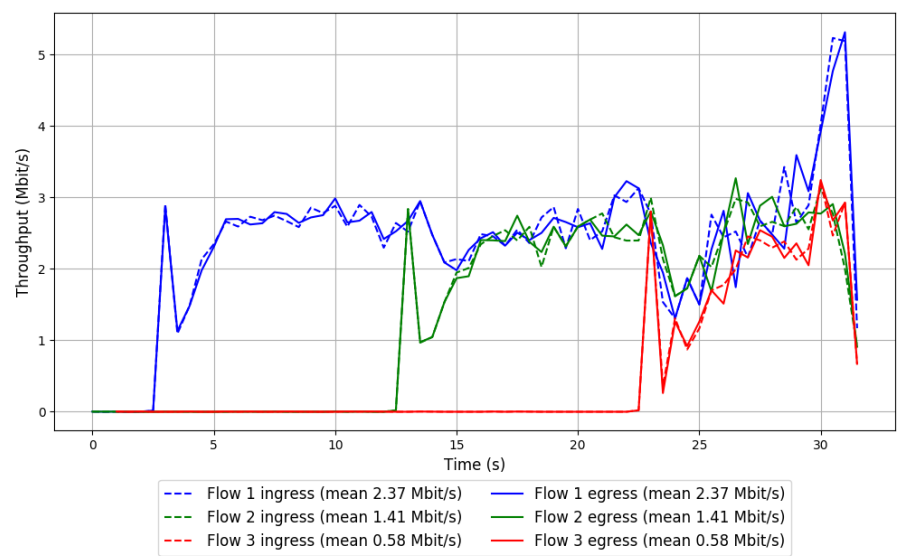
Run 4: Statistics of WebRTC media

Start at: 2017-09-18 00:28:56  
End at: 2017-09-18 00:29:26  
Local clock offset: -1.145 ms  
Remote clock offset: -3.612 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.32 Mbit/s  
95th percentile per-packet one-way delay: 21.871 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 21.914 ms  
Loss rate: 0.03%  
-- Flow 2:  
Average throughput: 1.41 Mbit/s  
95th percentile per-packet one-way delay: 21.763 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.58 Mbit/s  
95th percentile per-packet one-way delay: 21.946 ms  
Loss rate: 0.00%



Run 4: Report of WebRTC media — Data Link

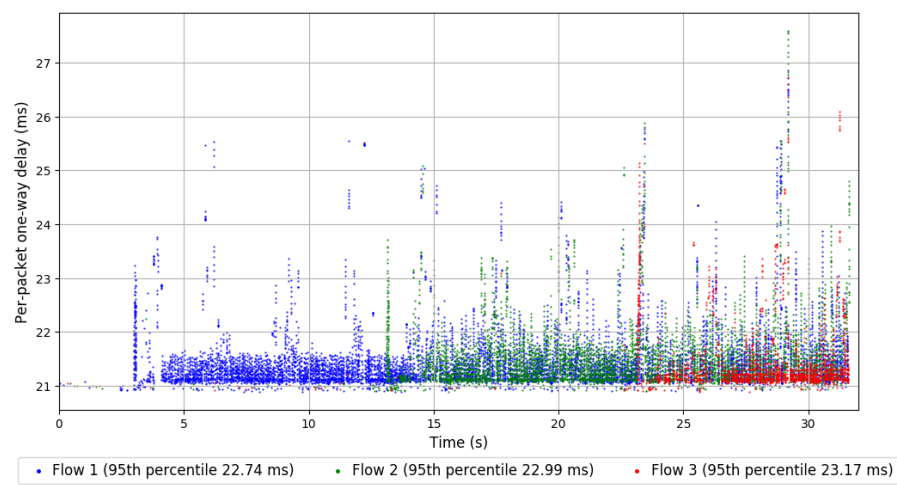
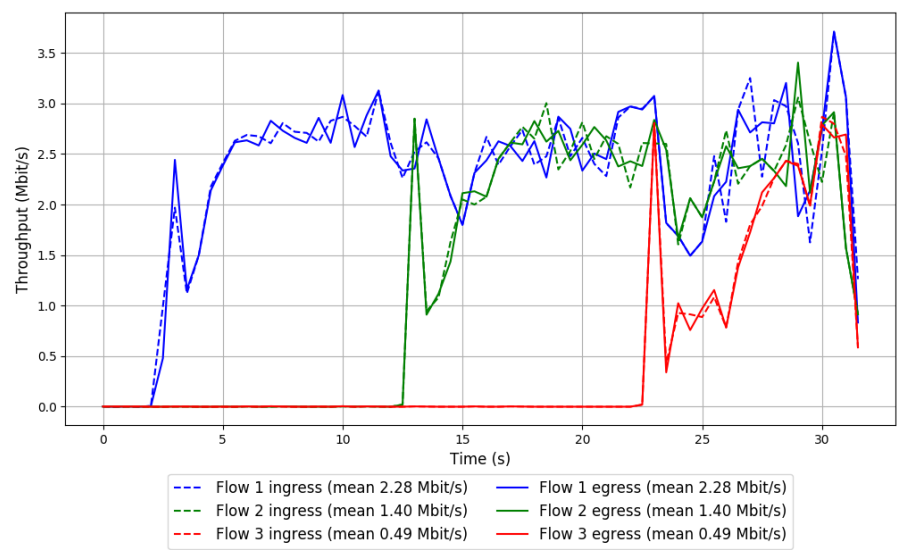


Run 5: Statistics of WebRTC media

Start at: 2017-09-18 00:49:39  
End at: 2017-09-18 00:50:09  
Local clock offset: 1.026 ms  
Remote clock offset: -3.072 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.15 Mbit/s  
95th percentile per-packet one-way delay: 22.866 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 22.742 ms  
Loss rate: 0.30%  
-- Flow 2:  
Average throughput: 1.40 Mbit/s  
95th percentile per-packet one-way delay: 22.988 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.49 Mbit/s  
95th percentile per-packet one-way delay: 23.173 ms  
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

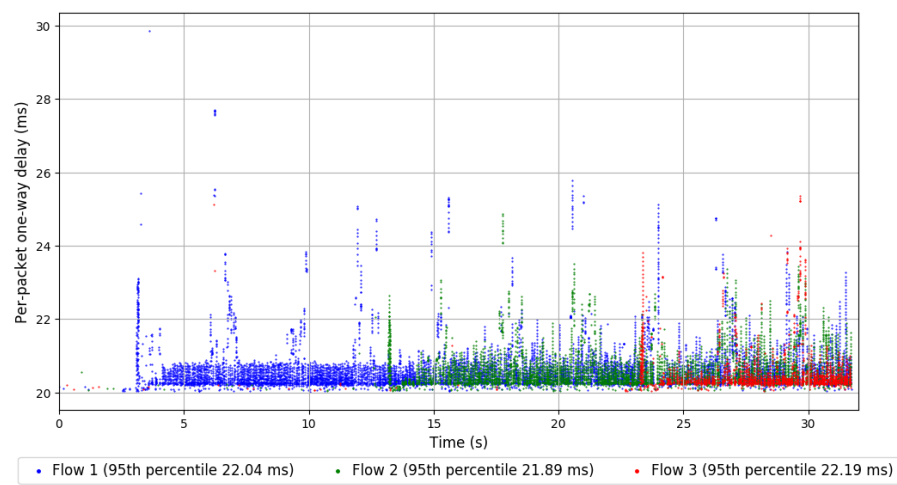
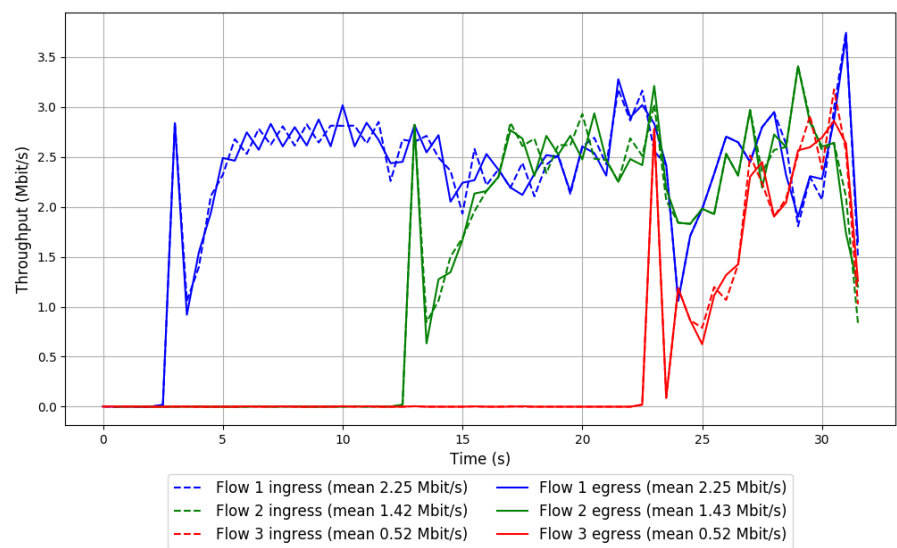


Run 6: Statistics of WebRTC media

Start at: 2017-09-18 01:09:54  
End at: 2017-09-18 01:10:24  
Local clock offset: 0.637 ms  
Remote clock offset: -3.208 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.15 Mbit/s  
95th percentile per-packet one-way delay: 22.004 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 22.035 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 1.43 Mbit/s  
95th percentile per-packet one-way delay: 21.895 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.52 Mbit/s  
95th percentile per-packet one-way delay: 22.193 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

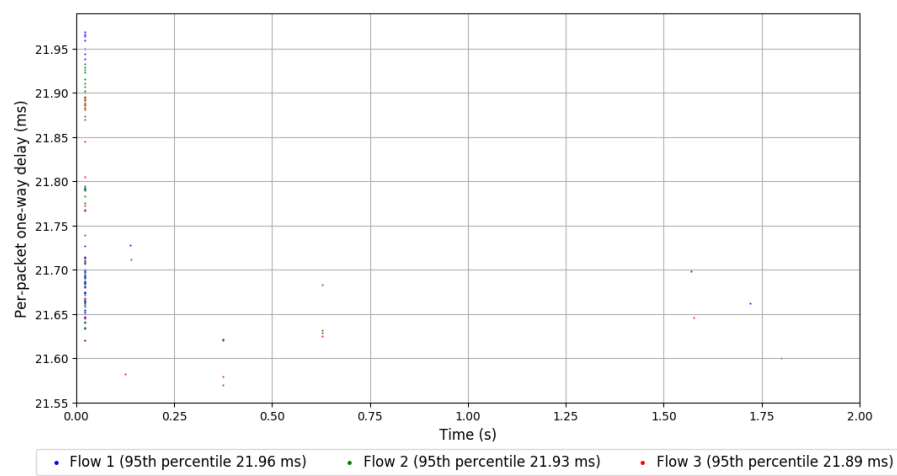
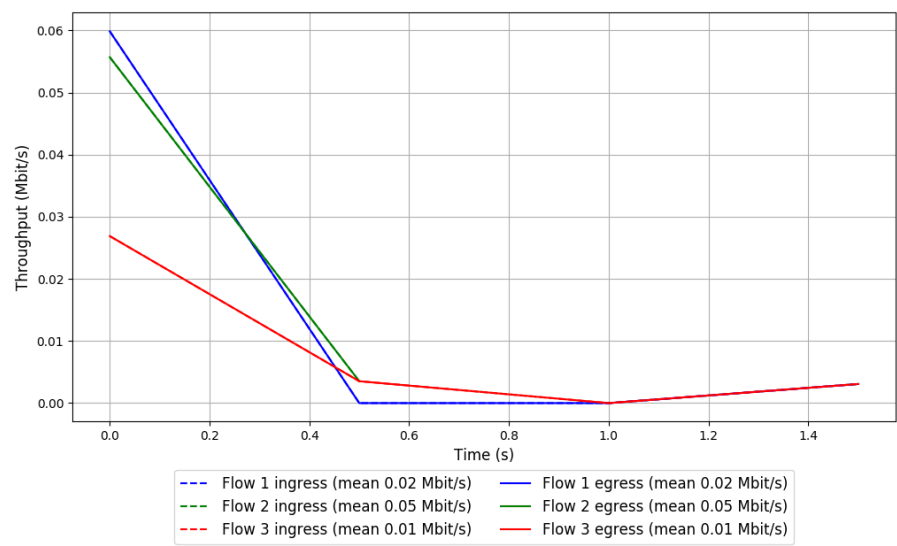
Start at: 2017-09-18 01:48:55

End at: 2017-09-18 01:49:25

Local clock offset: 1.725 ms

Remote clock offset: -3.779 ms

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-09-18 02:09:00

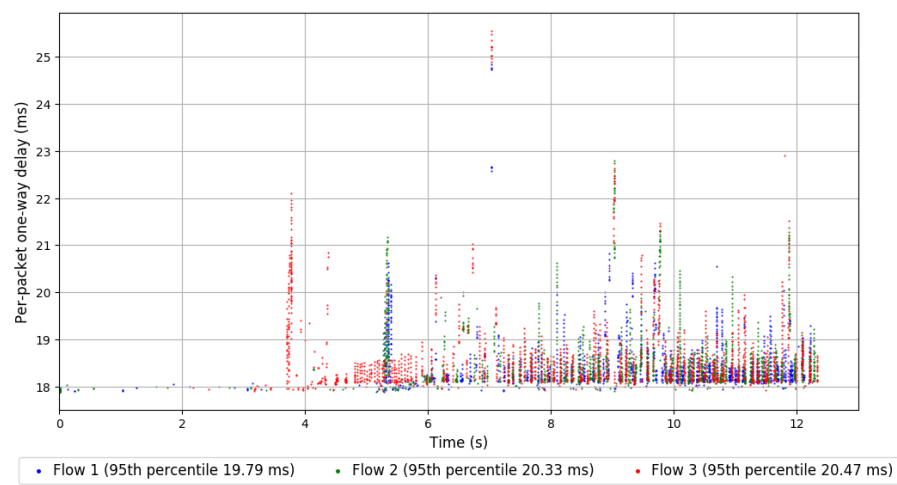
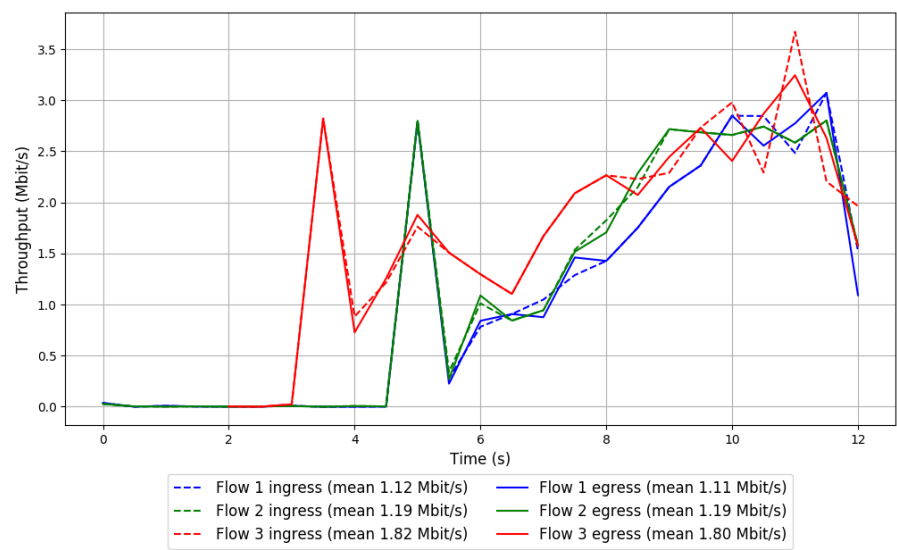
End at: 2017-09-18 02:09:30

Local clock offset: -1.387 ms

Remote clock offset: -3.473 ms



Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

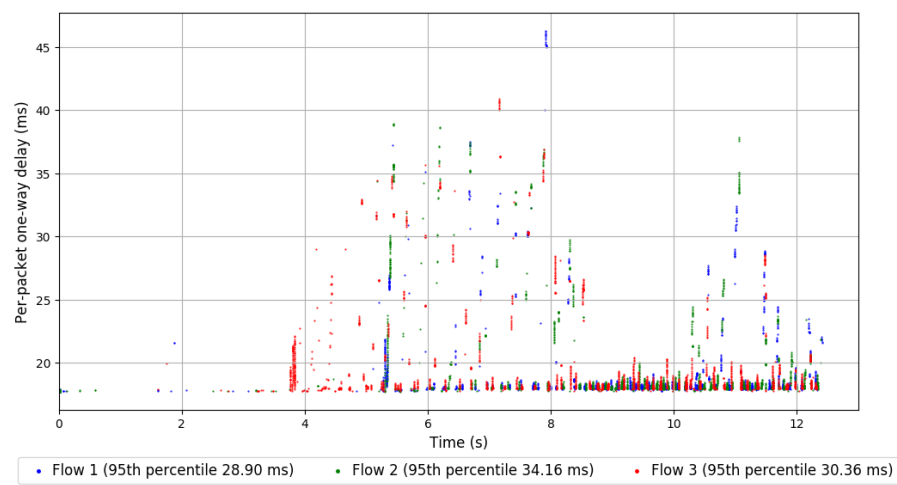
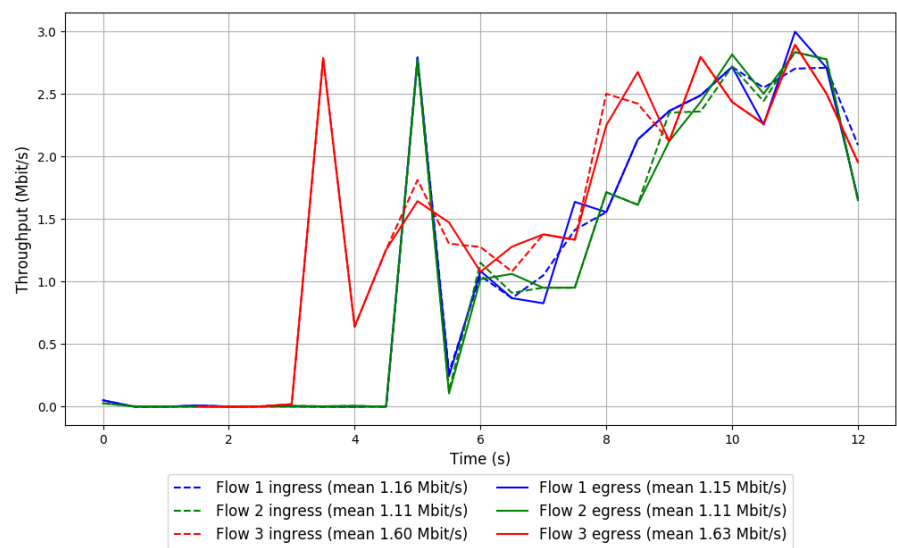
Start at: 2017-09-18 02:29:59

End at: 2017-09-18 02:30:29

Local clock offset: -1.929 ms

Remote clock offset: -3.993 ms

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-18 03:08:10  
End at: 2017-09-18 03:08:40  
Local clock offset: -0.906 ms  
Remote clock offset: -4.113 ms

# Below is generated by plot.py at 2017-09-18 07:15:32  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 4.24 Mbit/s  
95th percentile per-packet one-way delay: 20.635 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 20.506 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 1.41 Mbit/s  
95th percentile per-packet one-way delay: 20.576 ms  
Loss rate: 0.00%  
-- Flow 3:  
Average throughput: 0.56 Mbit/s  
95th percentile per-packet one-way delay: 21.497 ms  
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

