

Pantheon Report

Generated at 2017-09-18 11:43:59 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

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

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

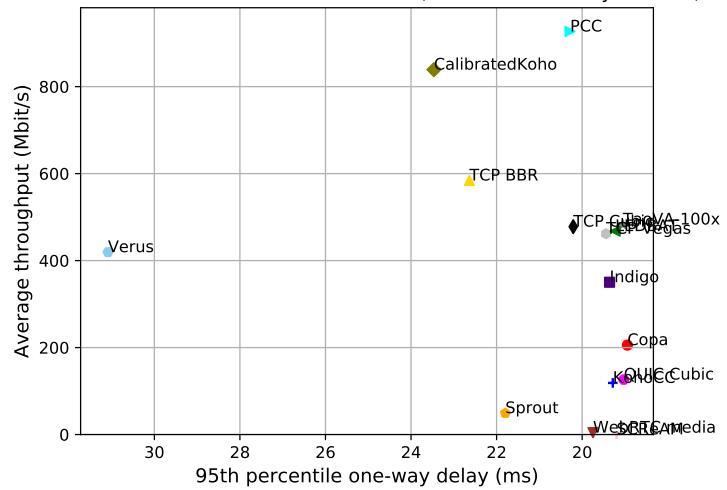
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

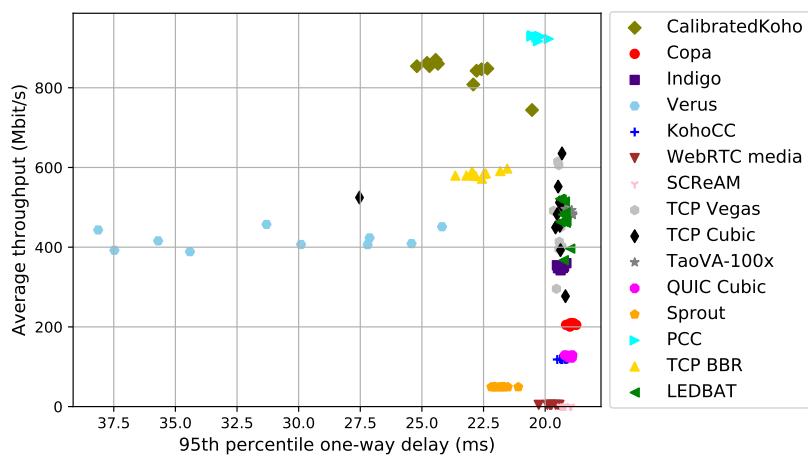
Git summary:

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

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



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



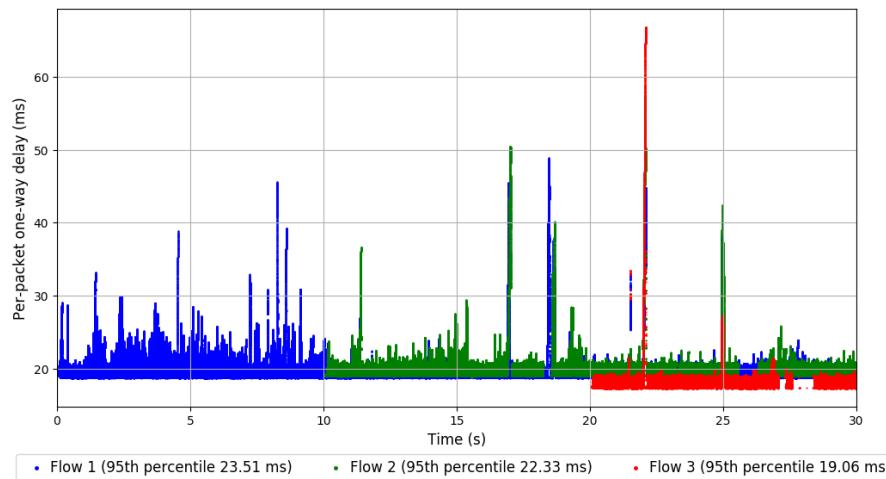
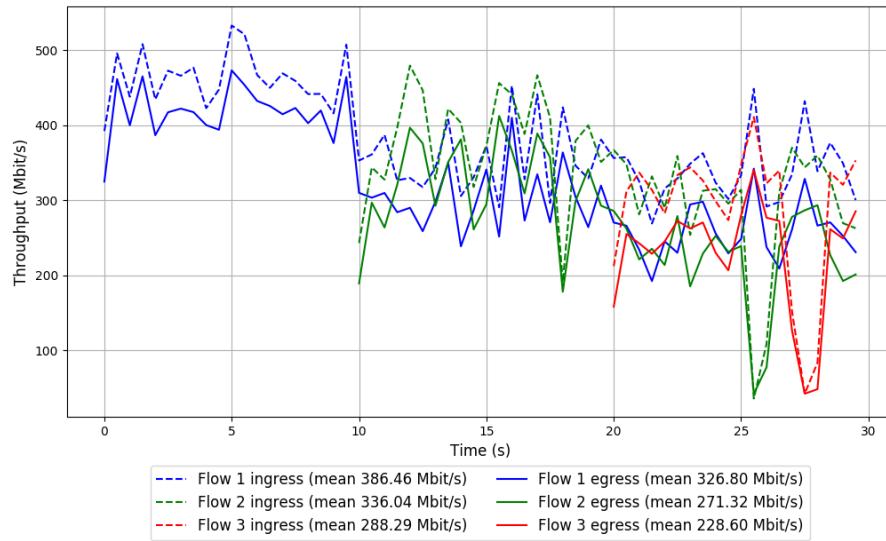
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	322.08	276.38	240.36	23.30	21.77	20.33	15.52	20.07	21.26
CalibratedKoho	10	477.09	419.96	248.00	23.70	22.12	21.66	37.46	50.40	58.53
Copa	10	103.84	105.71	119.79	18.77	18.76	18.89	0.00	0.01	0.00
TCP Cubic	10	276.12	191.50	221.51	236.03	19.39	19.30	0.07	0.09	0.16
Indigo	10	182.66	172.76	157.87	18.88	19.41	19.77	0.00	0.01	0.01
KohoCC	10	59.34	59.37	59.82	19.36	19.22	18.92	0.00	0.00	0.00
LEDBAT	10	268.70	218.44	161.71	19.16	19.23	19.22	0.01	0.02	0.03
PCC	10	805.64	142.70	80.01	20.30	19.93	20.18	0.48	0.23	0.27
QUIC Cubic	10	68.69	60.51	53.49	18.98	18.95	19.81	0.01	0.01	0.00
SCReAM	9	0.22	0.22	0.22	18.82	19.00	19.03	0.02	0.02	0.00
Sprout	10	24.72	24.67	24.34	21.74	21.80	21.34	0.01	0.03	0.00
TaoVA-100x	10	255.68	249.03	237.72	18.97	18.72	19.12	0.00	0.00	0.00
TCP Vegas	10	288.27	177.82	165.86	19.40	19.43	19.34	0.02	0.05	0.06
Verus	10	217.15	217.75	174.82	35.37	26.27	22.27	16.30	14.99	14.49
WebRTC media	8	2.34	1.48	0.57	19.64	19.97	20.08	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-18 03:14:46
End at: 2017-09-18 03:15:16
Local clock offset: -3.574 ms
Remote clock offset: -1.756 ms

# Below is generated by plot.py at 2017-09-18 09:57:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 583.41 Mbit/s
95th percentile per-packet one-way delay: 22.909 ms
Loss rate: 17.36%
-- Flow 1:
Average throughput: 326.80 Mbit/s
95th percentile per-packet one-way delay: 23.513 ms
Loss rate: 15.44%
-- Flow 2:
Average throughput: 271.32 Mbit/s
95th percentile per-packet one-way delay: 22.328 ms
Loss rate: 19.25%
-- Flow 3:
Average throughput: 228.60 Mbit/s
95th percentile per-packet one-way delay: 19.056 ms
Loss rate: 20.71%
```

Run 1: Report of TCP BBR — Data Link

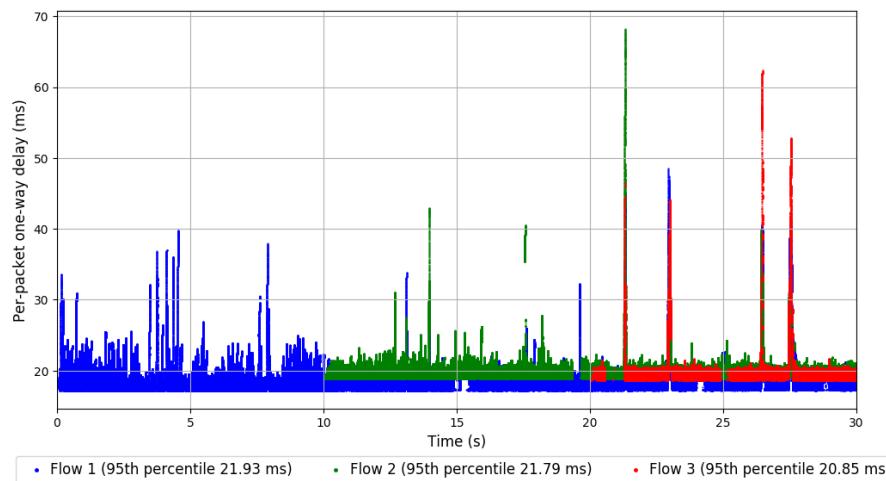
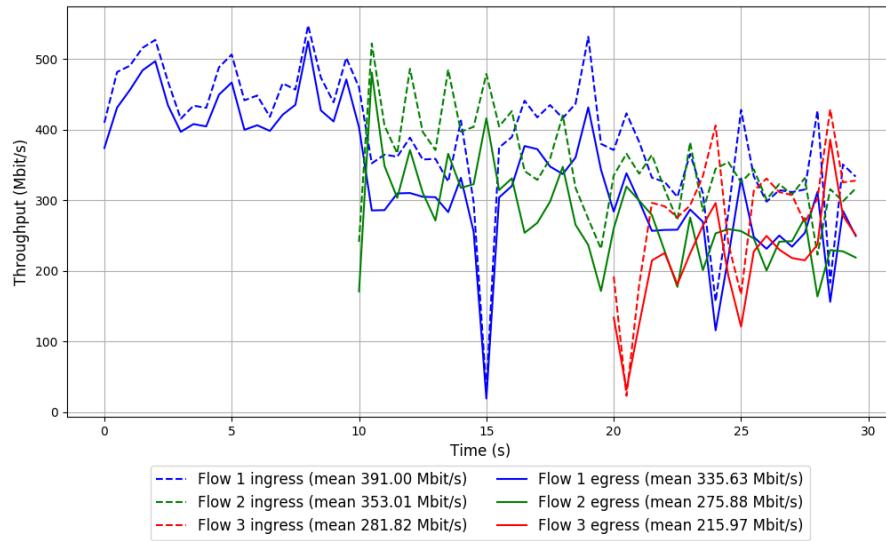


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-18 03:37:17
End at: 2017-09-18 03:37:47
Local clock offset: -2.074 ms
Remote clock offset: -2.327 ms

# Below is generated by plot.py at 2017-09-18 09:57:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 591.08 Mbit/s
95th percentile per-packet one-way delay: 21.822 ms
Loss rate: 17.87%
-- Flow 1:
Average throughput: 335.63 Mbit/s
95th percentile per-packet one-way delay: 21.930 ms
Loss rate: 14.16%
-- Flow 2:
Average throughput: 275.88 Mbit/s
95th percentile per-packet one-way delay: 21.787 ms
Loss rate: 21.84%
-- Flow 3:
Average throughput: 215.97 Mbit/s
95th percentile per-packet one-way delay: 20.846 ms
Loss rate: 23.35%
```

Run 2: Report of TCP BBR — Data Link

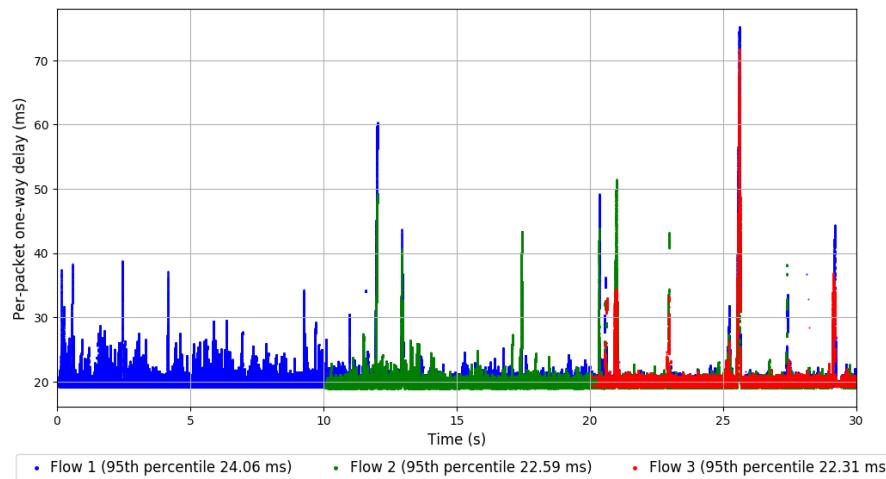
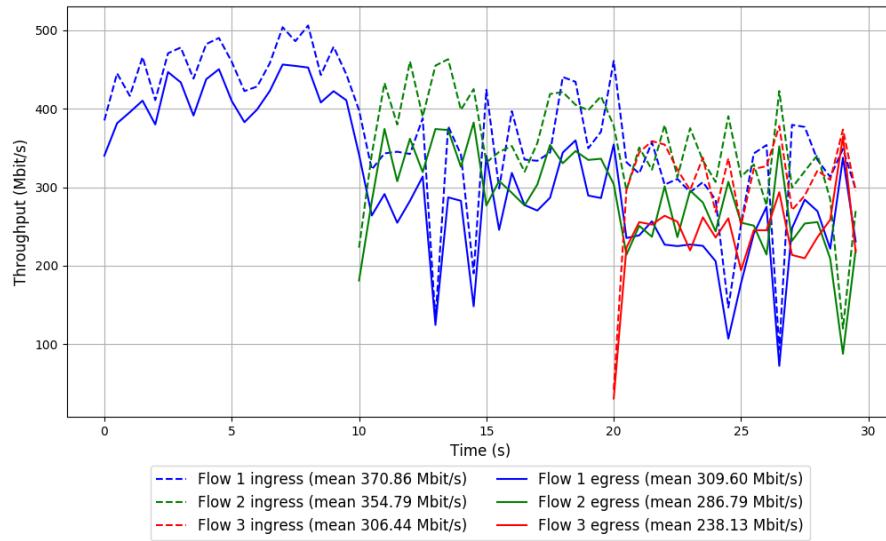


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-18 03:59:53
End at: 2017-09-18 04:00:23
Local clock offset: -0.093 ms
Remote clock offset: -2.776 ms

# Below is generated by plot.py at 2017-09-18 09:57:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 579.51 Mbit/s
95th percentile per-packet one-way delay: 23.644 ms
Loss rate: 18.23%
-- Flow 1:
Average throughput: 309.60 Mbit/s
95th percentile per-packet one-way delay: 24.061 ms
Loss rate: 16.51%
-- Flow 2:
Average throughput: 286.79 Mbit/s
95th percentile per-packet one-way delay: 22.587 ms
Loss rate: 19.17%
-- Flow 3:
Average throughput: 238.13 Mbit/s
95th percentile per-packet one-way delay: 22.306 ms
Loss rate: 22.29%
```

Run 3: Report of TCP BBR — Data Link

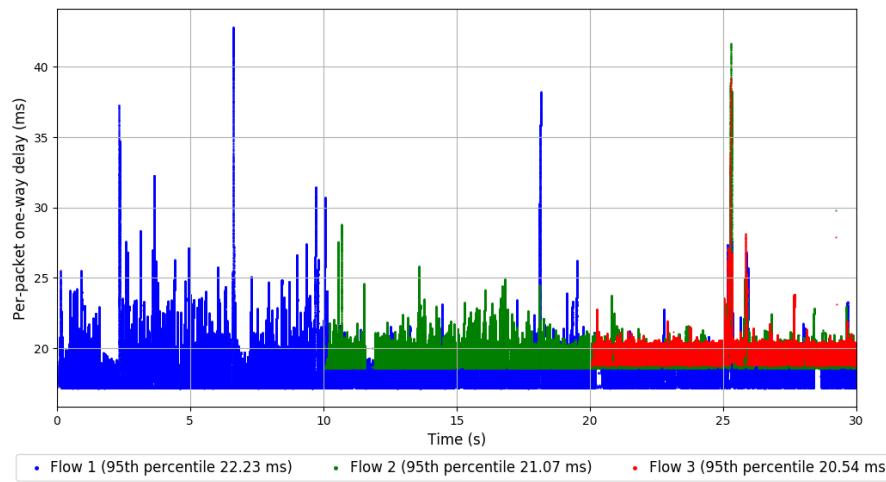
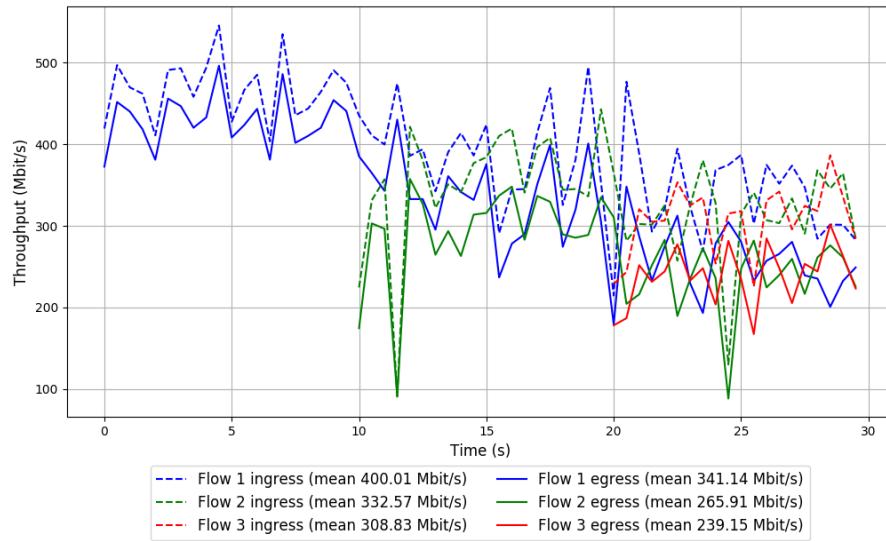


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-18 04:22:15
End at: 2017-09-18 04:22:45
Local clock offset: 0.976 ms
Remote clock offset: -3.131 ms

# Below is generated by plot.py at 2017-09-18 09:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 597.51 Mbit/s
95th percentile per-packet one-way delay: 21.538 ms
Loss rate: 17.46%
-- Flow 1:
Average throughput: 341.14 Mbit/s
95th percentile per-packet one-way delay: 22.227 ms
Loss rate: 14.72%
-- Flow 2:
Average throughput: 265.91 Mbit/s
95th percentile per-packet one-way delay: 21.071 ms
Loss rate: 20.04%
-- Flow 3:
Average throughput: 239.15 Mbit/s
95th percentile per-packet one-way delay: 20.543 ms
Loss rate: 22.57%
```

Run 4: Report of TCP BBR — Data Link

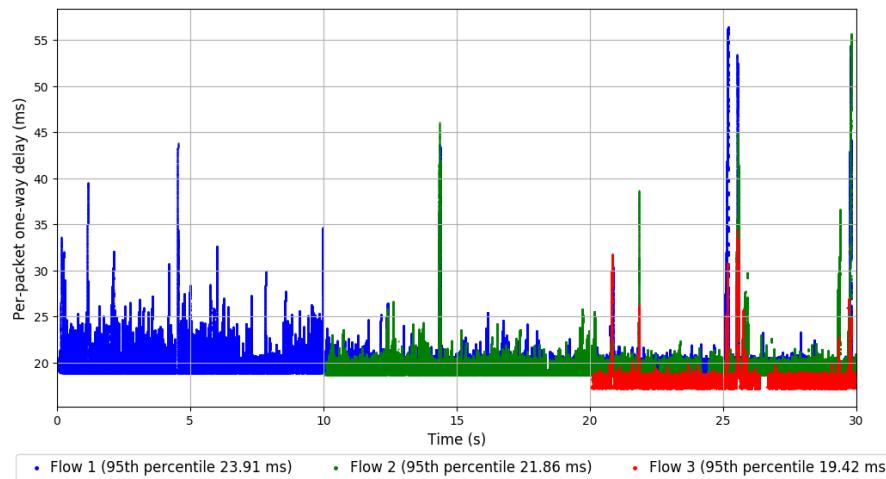
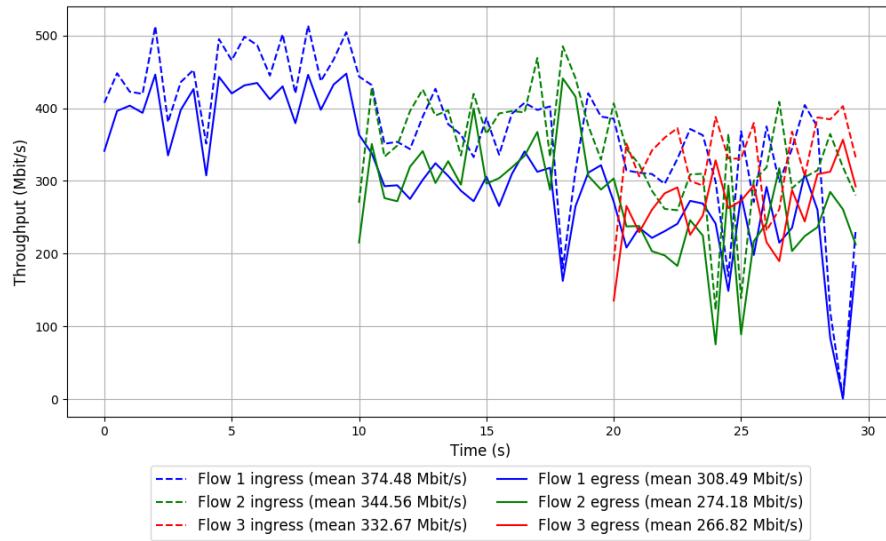


Run 5: Statistics of TCP BBR

```
Start at: 2017-09-18 04:44:47
End at: 2017-09-18 04:45:17
Local clock offset: 0.652 ms
Remote clock offset: -3.589 ms

# Below is generated by plot.py at 2017-09-18 09:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 579.67 Mbit/s
95th percentile per-packet one-way delay: 23.195 ms
Loss rate: 18.86%
-- Flow 1:
Average throughput: 308.49 Mbit/s
95th percentile per-packet one-way delay: 23.909 ms
Loss rate: 17.62%
-- Flow 2:
Average throughput: 274.18 Mbit/s
95th percentile per-packet one-way delay: 21.865 ms
Loss rate: 20.42%
-- Flow 3:
Average throughput: 266.82 Mbit/s
95th percentile per-packet one-way delay: 19.423 ms
Loss rate: 19.79%
```

Run 5: Report of TCP BBR — Data Link

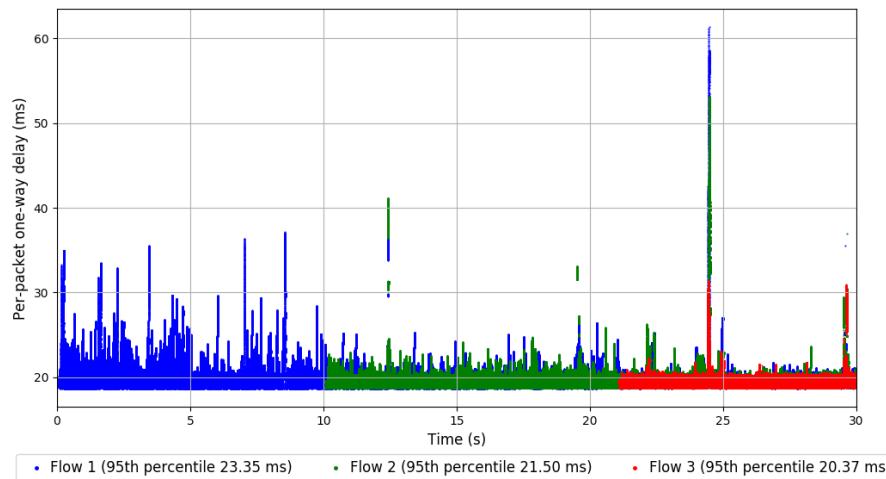
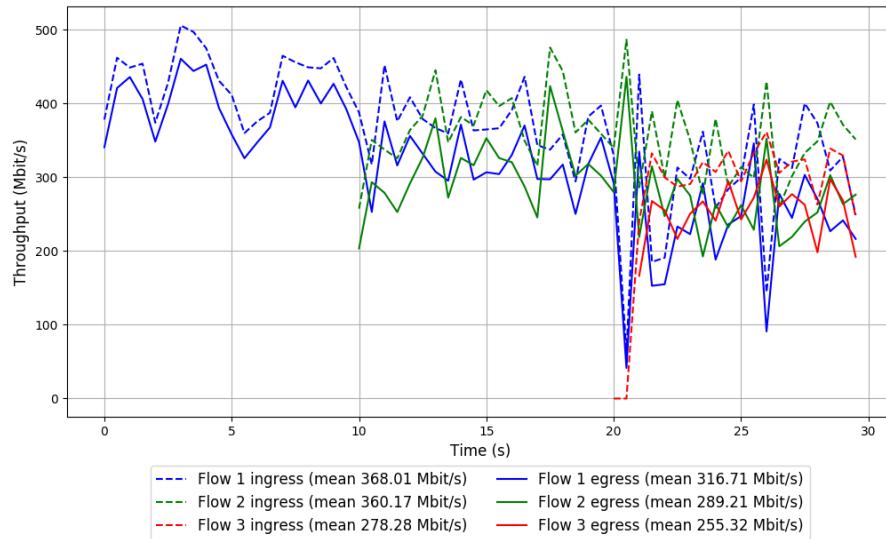


Run 6: Statistics of TCP BBR

```
Start at: 2017-09-18 05:07:20
End at: 2017-09-18 05:07:50
Local clock offset: 0.948 ms
Remote clock offset: -3.524 ms

# Below is generated by plot.py at 2017-09-18 09:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 585.25 Mbit/s
95th percentile per-packet one-way delay: 22.412 ms
Loss rate: 16.40%
-- Flow 1:
Average throughput: 316.71 Mbit/s
95th percentile per-packet one-way delay: 23.352 ms
Loss rate: 13.94%
-- Flow 2:
Average throughput: 289.21 Mbit/s
95th percentile per-packet one-way delay: 21.497 ms
Loss rate: 19.70%
-- Flow 3:
Average throughput: 255.32 Mbit/s
95th percentile per-packet one-way delay: 20.370 ms
Loss rate: 17.66%
```

Run 6: Report of TCP BBR — Data Link

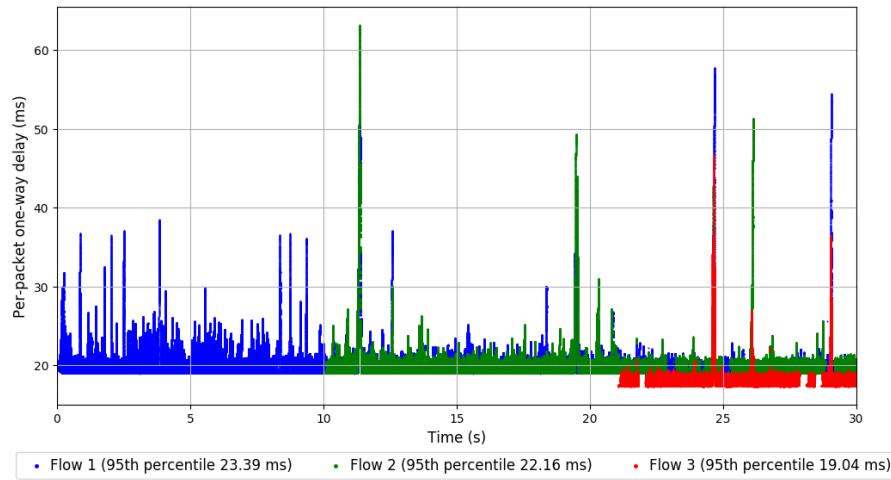
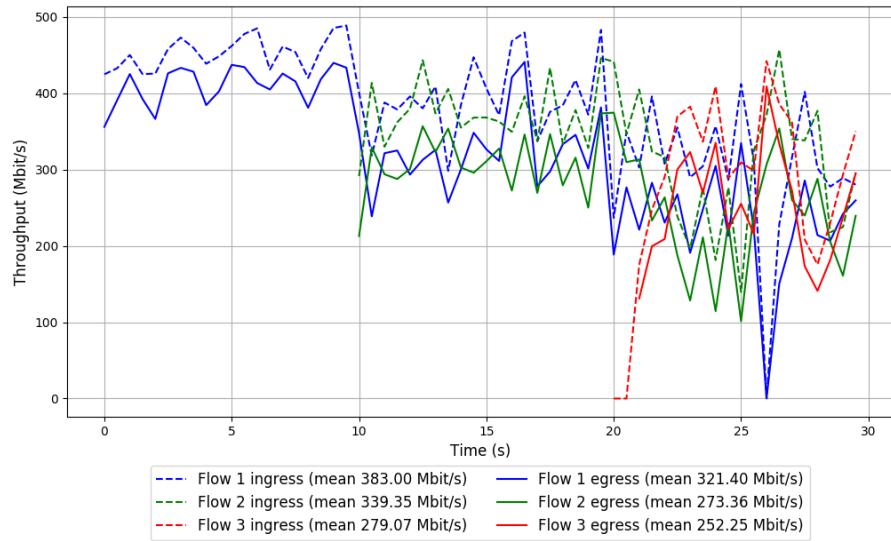


Run 7: Statistics of TCP BBR

```
Start at: 2017-09-18 05:29:39
End at: 2017-09-18 05:30:09
Local clock offset: 1.087 ms
Remote clock offset: -3.768 ms

# Below is generated by plot.py at 2017-09-18 09:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 578.57 Mbit/s
95th percentile per-packet one-way delay: 22.820 ms
Loss rate: 17.54%
-- Flow 1:
Average throughput: 321.40 Mbit/s
95th percentile per-packet one-way delay: 23.392 ms
Loss rate: 16.08%
-- Flow 2:
Average throughput: 273.36 Mbit/s
95th percentile per-packet one-way delay: 22.161 ms
Loss rate: 19.44%
-- Flow 3:
Average throughput: 252.25 Mbit/s
95th percentile per-packet one-way delay: 19.038 ms
Loss rate: 18.92%
```

Run 7: Report of TCP BBR — Data Link

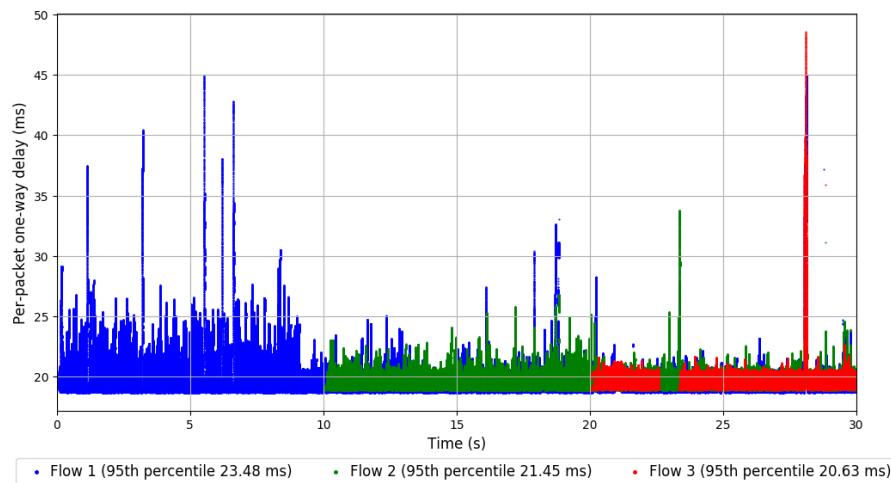
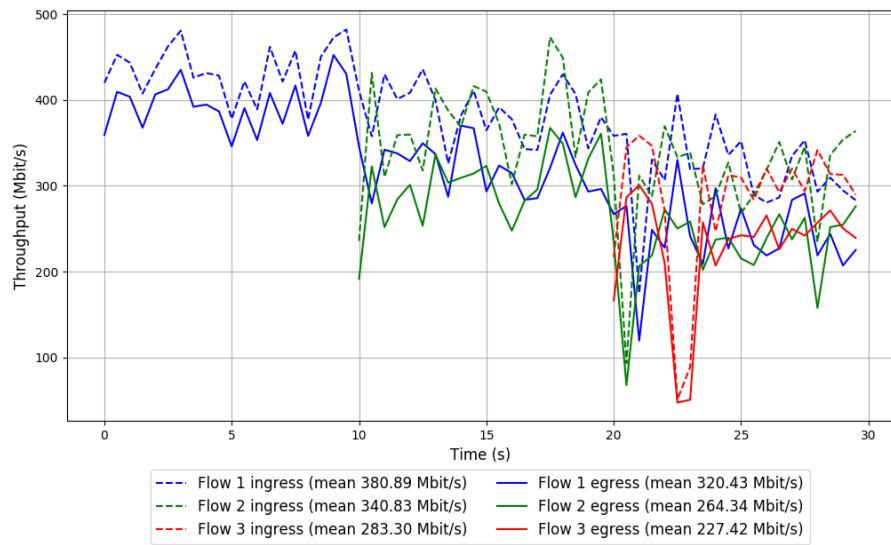


Run 8: Statistics of TCP BBR

```
Start at: 2017-09-18 05:52:19
End at: 2017-09-18 05:52:49
Local clock offset: 1.096 ms
Remote clock offset: -3.984 ms

# Below is generated by plot.py at 2017-09-18 09:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 571.97 Mbit/s
95th percentile per-packet one-way delay: 22.562 ms
Loss rate: 18.51%
-- Flow 1:
Average throughput: 320.43 Mbit/s
95th percentile per-packet one-way delay: 23.484 ms
Loss rate: 15.87%
-- Flow 2:
Average throughput: 264.34 Mbit/s
95th percentile per-packet one-way delay: 21.450 ms
Loss rate: 22.44%
-- Flow 3:
Average throughput: 227.42 Mbit/s
95th percentile per-packet one-way delay: 20.628 ms
Loss rate: 19.72%
```

Run 8: Report of TCP BBR — Data Link

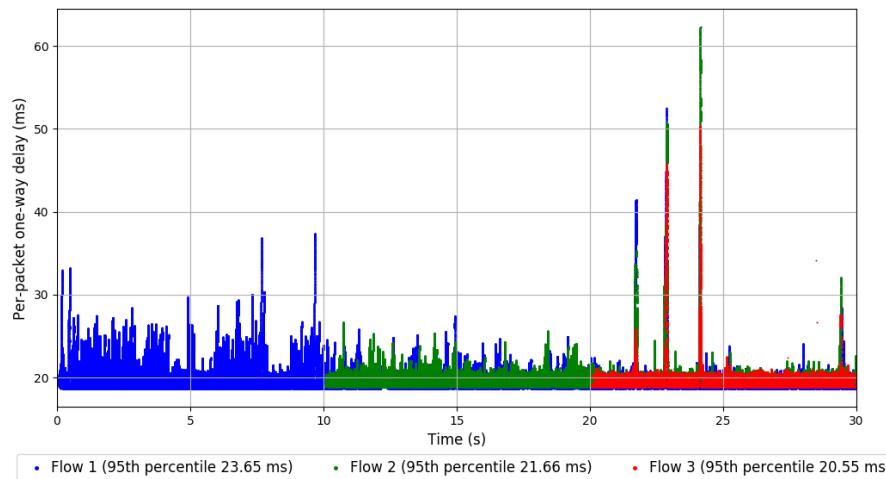
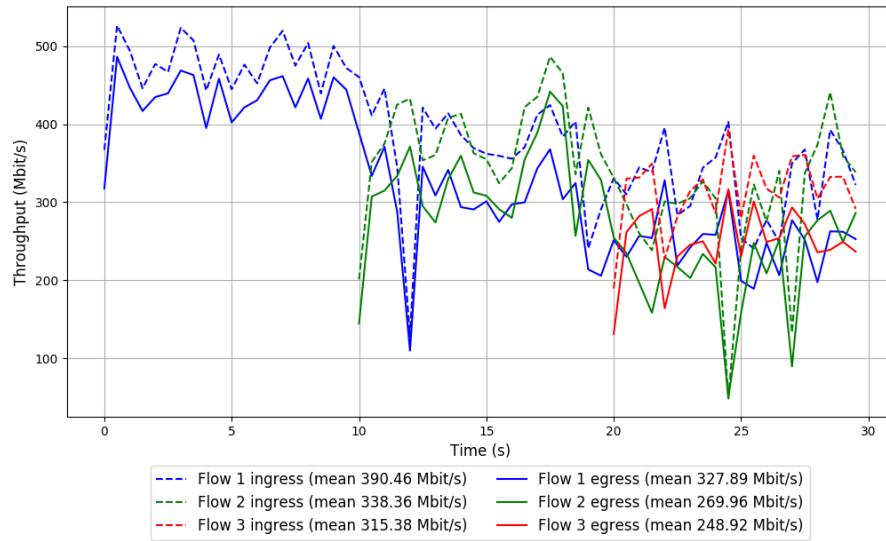


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-18 06:14:25
End at: 2017-09-18 06:14:55
Local clock offset: 0.994 ms
Remote clock offset: -3.75 ms

# Below is generated by plot.py at 2017-09-18 10:04:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 590.29 Mbit/s
95th percentile per-packet one-way delay: 22.966 ms
Loss rate: 18.07%
-- Flow 1:
Average throughput: 327.89 Mbit/s
95th percentile per-packet one-way delay: 23.649 ms
Loss rate: 16.03%
-- Flow 2:
Average throughput: 269.96 Mbit/s
95th percentile per-packet one-way delay: 21.655 ms
Loss rate: 20.22%
-- Flow 3:
Average throughput: 248.92 Mbit/s
95th percentile per-packet one-way delay: 20.547 ms
Loss rate: 21.07%
```

Run 9: Report of TCP BBR — Data Link

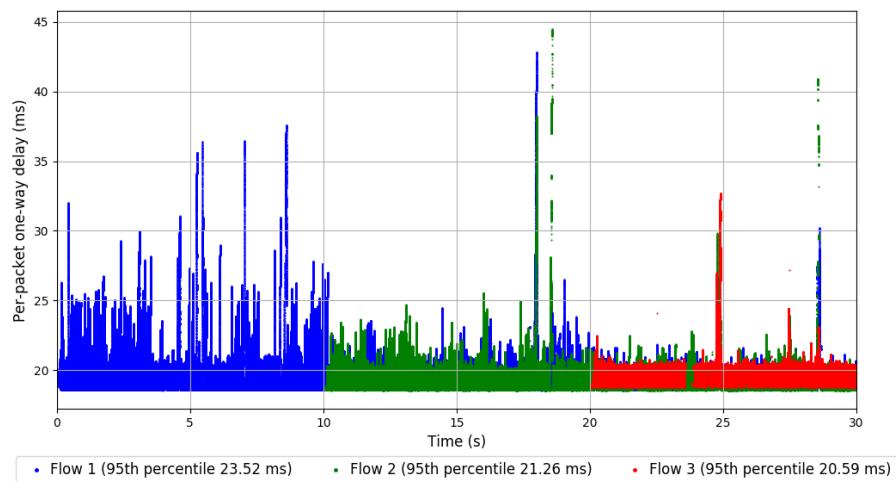
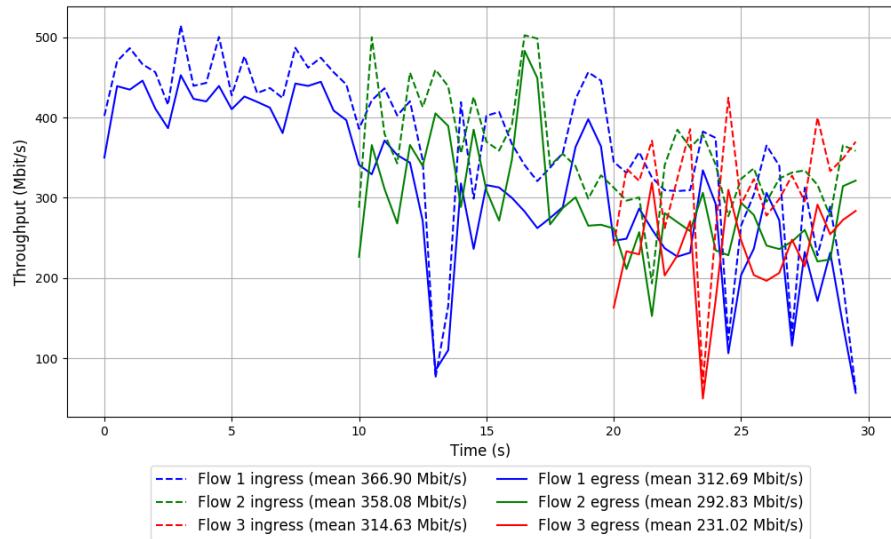


Run 10: Statistics of TCP BBR

```
Start at: 2017-09-18 06:37:06
End at: 2017-09-18 06:37:36
Local clock offset: 0.448 ms
Remote clock offset: -3.411 ms

# Below is generated by plot.py at 2017-09-18 10:04:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 584.33 Mbit/s
95th percentile per-packet one-way delay: 22.485 ms
Loss rate: 17.67%
-- Flow 1:
Average throughput: 312.69 Mbit/s
95th percentile per-packet one-way delay: 23.519 ms
Loss rate: 14.78%
-- Flow 2:
Average throughput: 292.83 Mbit/s
95th percentile per-packet one-way delay: 21.258 ms
Loss rate: 18.22%
-- Flow 3:
Average throughput: 231.02 Mbit/s
95th percentile per-packet one-way delay: 20.586 ms
Loss rate: 26.57%
```

Run 10: Report of TCP BBR — Data Link

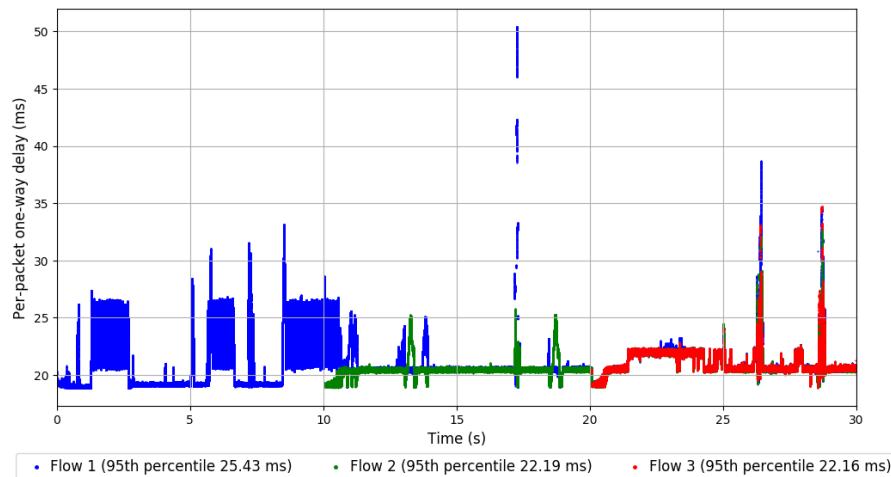
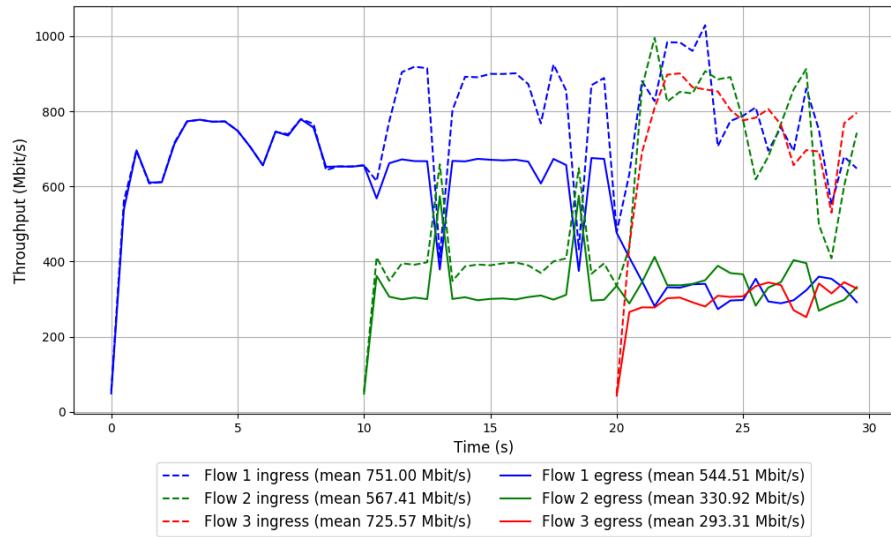


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 03:33:33
End at: 2017-09-18 03:34:03
Local clock offset: -2.295 ms
Remote clock offset: -2.197 ms

# Below is generated by plot.py at 2017-09-18 10:11:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 862.29 Mbit/s
95th percentile per-packet one-way delay: 24.793 ms
Loss rate: 37.05%
-- Flow 1:
Average throughput: 544.51 Mbit/s
95th percentile per-packet one-way delay: 25.432 ms
Loss rate: 27.49%
-- Flow 2:
Average throughput: 330.92 Mbit/s
95th percentile per-packet one-way delay: 22.194 ms
Loss rate: 41.67%
-- Flow 3:
Average throughput: 293.31 Mbit/s
95th percentile per-packet one-way delay: 22.155 ms
Loss rate: 59.57%
```

Run 1: Report of CalibratedKoho — Data Link

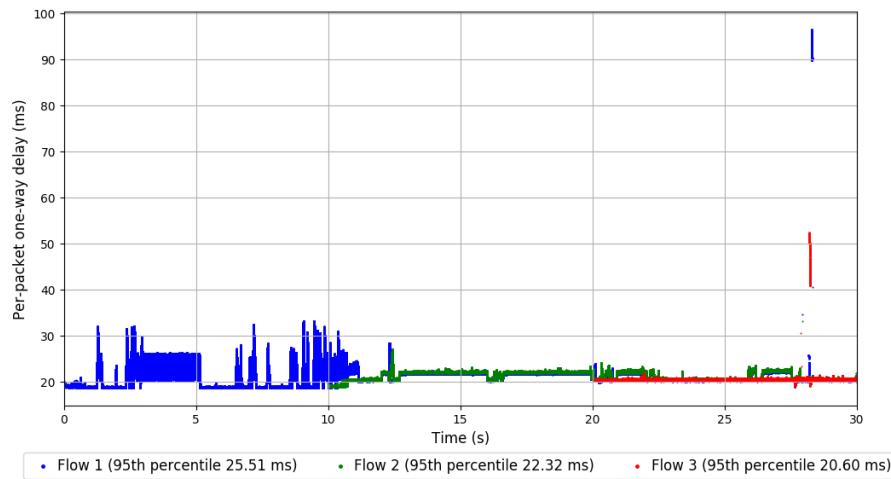
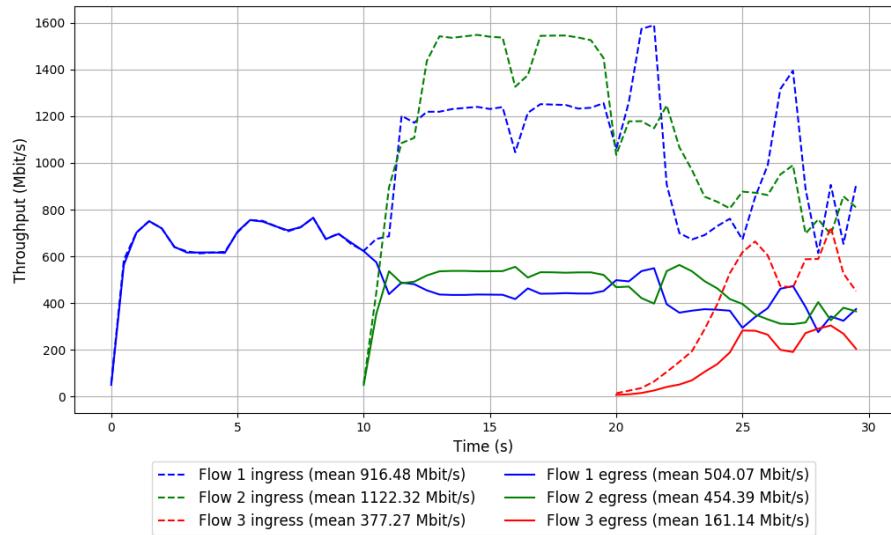


Run 2: Statistics of CalibratedKoho

```
Start at: 2017-09-18 03:56:06
End at: 2017-09-18 03:56:36
Local clock offset: -0.531 ms
Remote clock offset: -2.738 ms

# Below is generated by plot.py at 2017-09-18 10:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 860.17 Mbit/s
95th percentile per-packet one-way delay: 24.350 ms
Loss rate: 51.92%
-- Flow 1:
Average throughput: 504.07 Mbit/s
95th percentile per-packet one-way delay: 25.507 ms
Loss rate: 45.00%
-- Flow 2:
Average throughput: 454.39 Mbit/s
95th percentile per-packet one-way delay: 22.324 ms
Loss rate: 59.51%
-- Flow 3:
Average throughput: 161.14 Mbit/s
95th percentile per-packet one-way delay: 20.598 ms
Loss rate: 57.29%
```

Run 2: Report of CalibratedKoho — Data Link

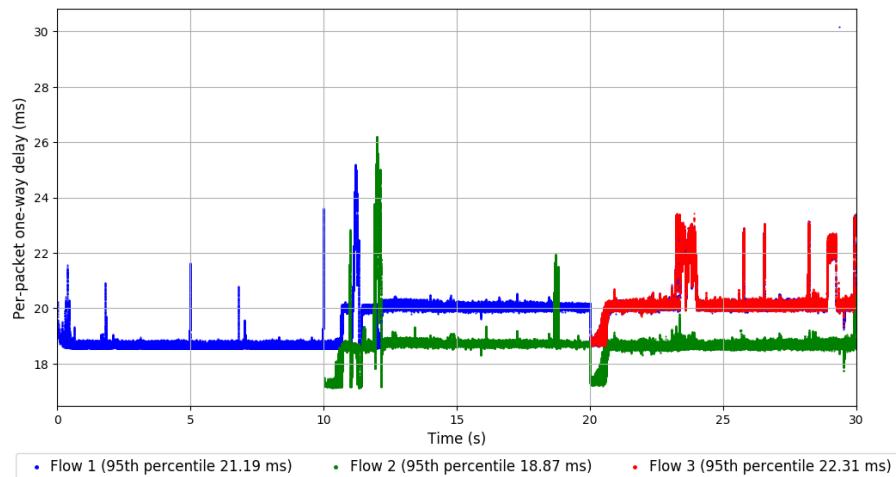
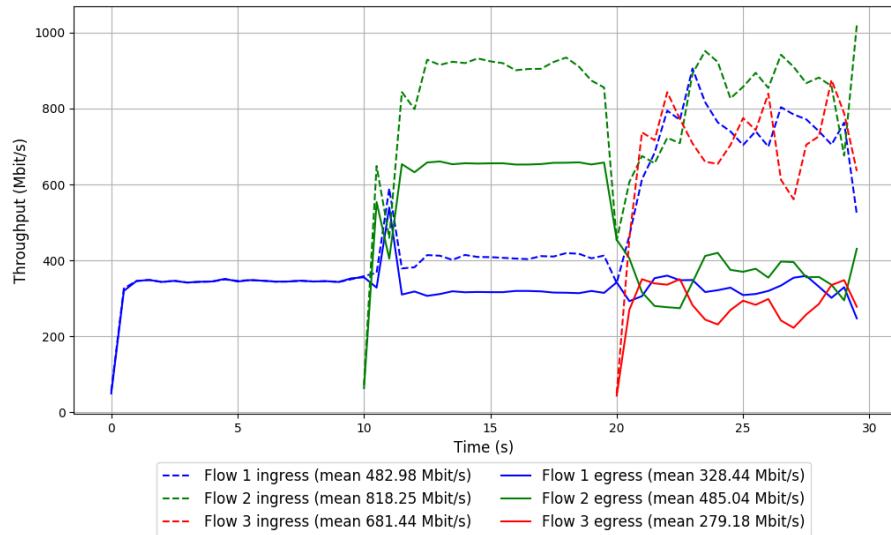


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 04:18:39
End at: 2017-09-18 04:19:09
Local clock offset: 1.038 ms
Remote clock offset: -3.143 ms

# Below is generated by plot.py at 2017-09-18 10:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 744.17 Mbit/s
95th percentile per-packet one-way delay: 20.533 ms
Loss rate: 40.66%
-- Flow 1:
Average throughput: 328.44 Mbit/s
95th percentile per-packet one-way delay: 21.193 ms
Loss rate: 31.99%
-- Flow 2:
Average throughput: 485.04 Mbit/s
95th percentile per-packet one-way delay: 18.871 ms
Loss rate: 40.72%
-- Flow 3:
Average throughput: 279.18 Mbit/s
95th percentile per-packet one-way delay: 22.310 ms
Loss rate: 59.02%
```

Run 3: Report of CalibratedKoho — Data Link

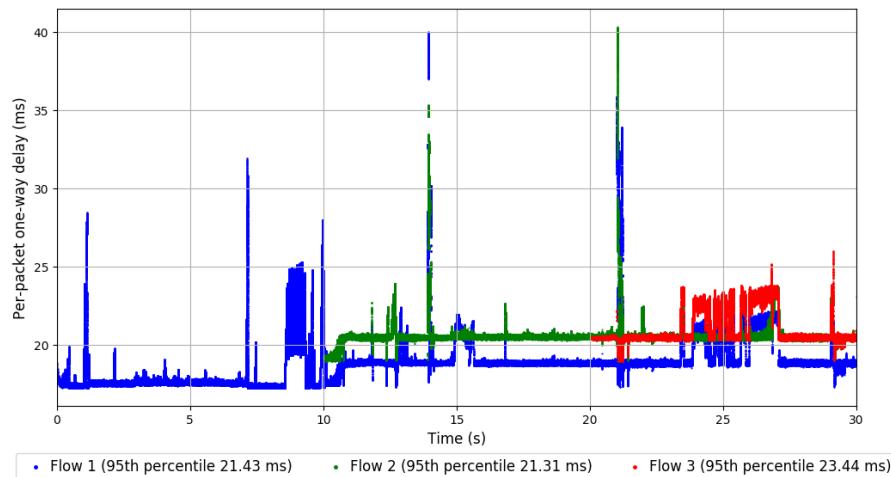
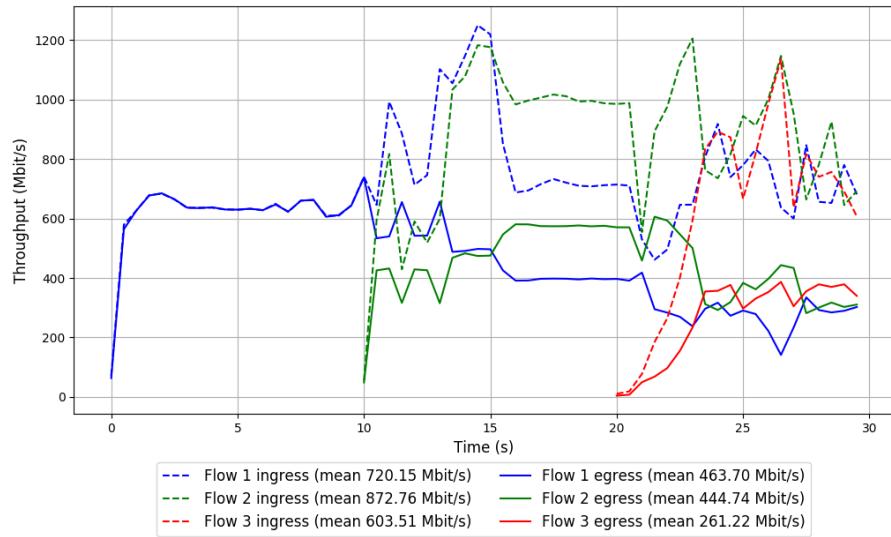


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 04:41:04
End at: 2017-09-18 04:41:34
Local clock offset: 0.712 ms
Remote clock offset: -3.502 ms

# Below is generated by plot.py at 2017-09-18 10:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 846.54 Mbit/s
95th percentile per-packet one-way delay: 22.582 ms
Loss rate: 43.62%
-- Flow 1:
Average throughput: 463.70 Mbit/s
95th percentile per-packet one-way delay: 21.435 ms
Loss rate: 35.61%
-- Flow 2:
Average throughput: 444.74 Mbit/s
95th percentile per-packet one-way delay: 21.310 ms
Loss rate: 49.04%
-- Flow 3:
Average throughput: 261.22 Mbit/s
95th percentile per-packet one-way delay: 23.439 ms
Loss rate: 56.71%
```

Run 4: Report of CalibratedKoho — Data Link

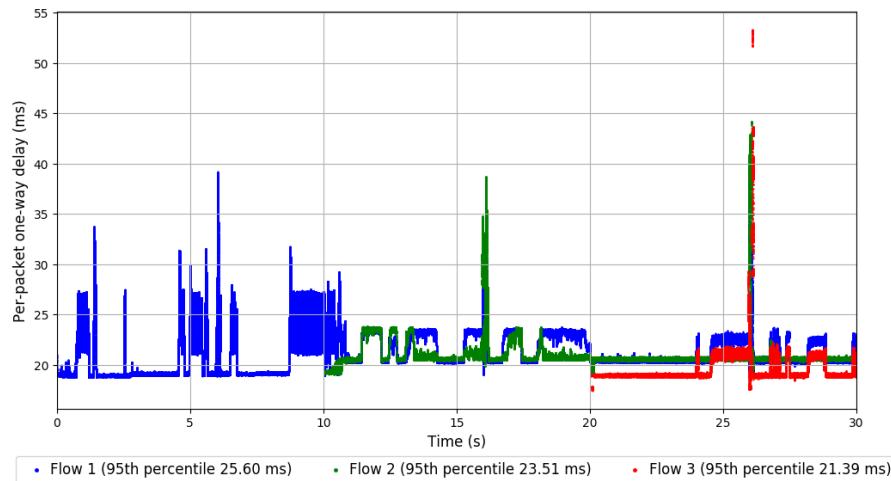
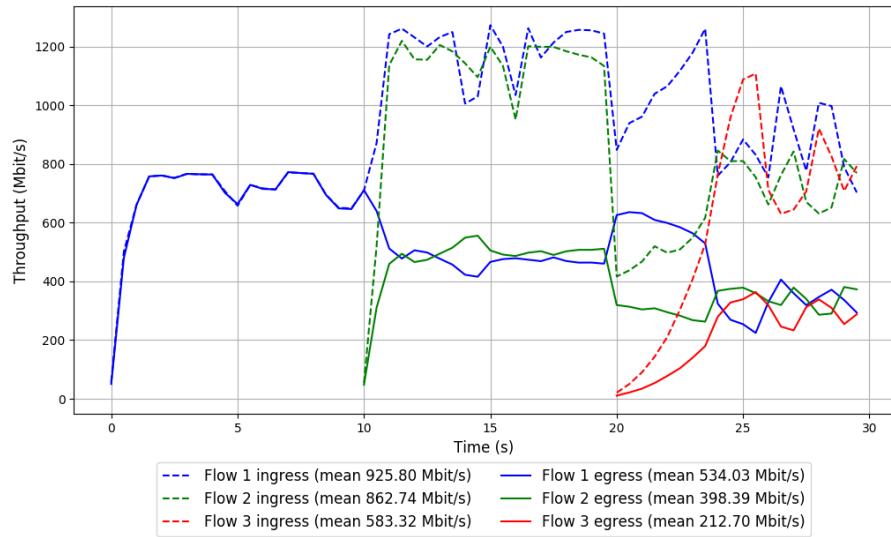


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 05:03:29
End at: 2017-09-18 05:03:59
Local clock offset: 0.754 ms
Remote clock offset: -3.524 ms

# Below is generated by plot.py at 2017-09-18 10:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 869.97 Mbit/s
95th percentile per-packet one-way delay: 24.441 ms
Loss rate: 48.64%
-- Flow 1:
Average throughput: 534.03 Mbit/s
95th percentile per-packet one-way delay: 25.604 ms
Loss rate: 42.32%
-- Flow 2:
Average throughput: 398.39 Mbit/s
95th percentile per-packet one-way delay: 23.514 ms
Loss rate: 53.82%
-- Flow 3:
Average throughput: 212.70 Mbit/s
95th percentile per-packet one-way delay: 21.390 ms
Loss rate: 63.54%
```

Run 5: Report of CalibratedKoho — Data Link

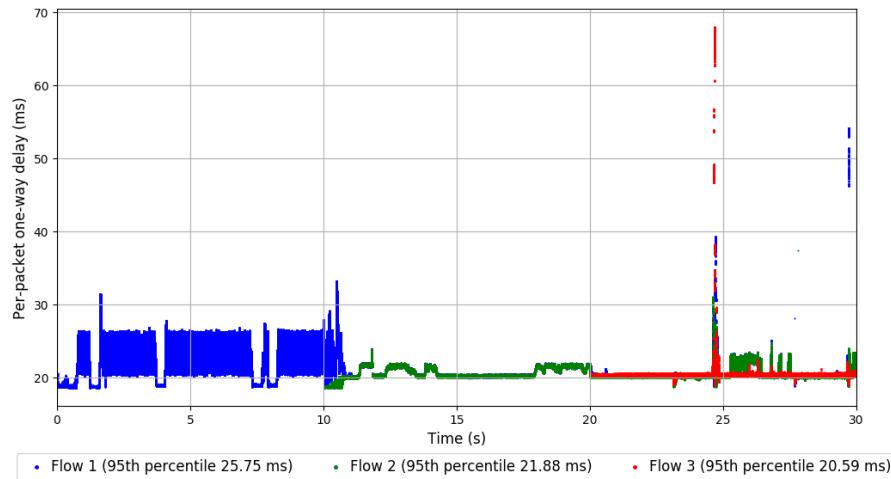
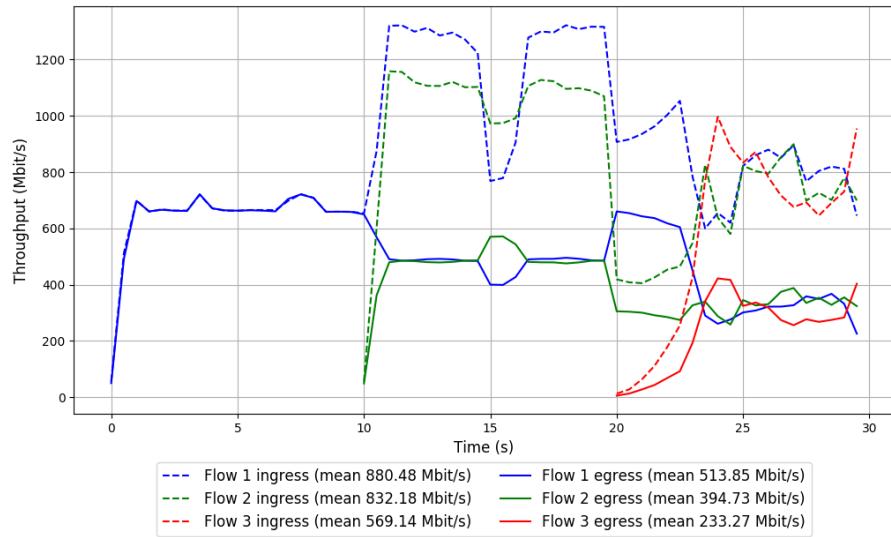


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 05:25:58
End at: 2017-09-18 05:26:28
Local clock offset: 1.173 ms
Remote clock offset: -3.929 ms

# Below is generated by plot.py at 2017-09-18 10:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.15 Mbit/s
95th percentile per-packet one-way delay: 25.204 ms
Loss rate: 47.39%
-- Flow 1:
Average throughput: 513.85 Mbit/s
95th percentile per-packet one-way delay: 25.755 ms
Loss rate: 41.64%
-- Flow 2:
Average throughput: 394.73 Mbit/s
95th percentile per-packet one-way delay: 21.880 ms
Loss rate: 52.56%
-- Flow 3:
Average throughput: 233.27 Mbit/s
95th percentile per-packet one-way delay: 20.587 ms
Loss rate: 59.01%
```

Run 6: Report of CalibratedKoho — Data Link

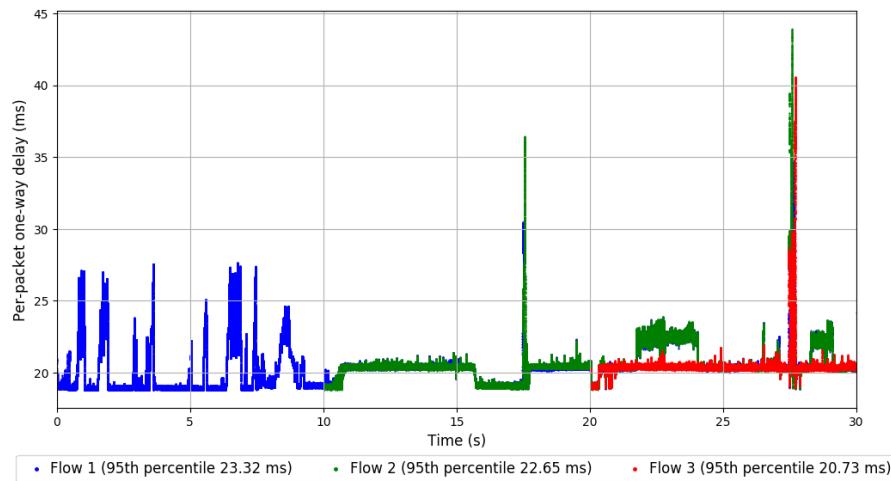
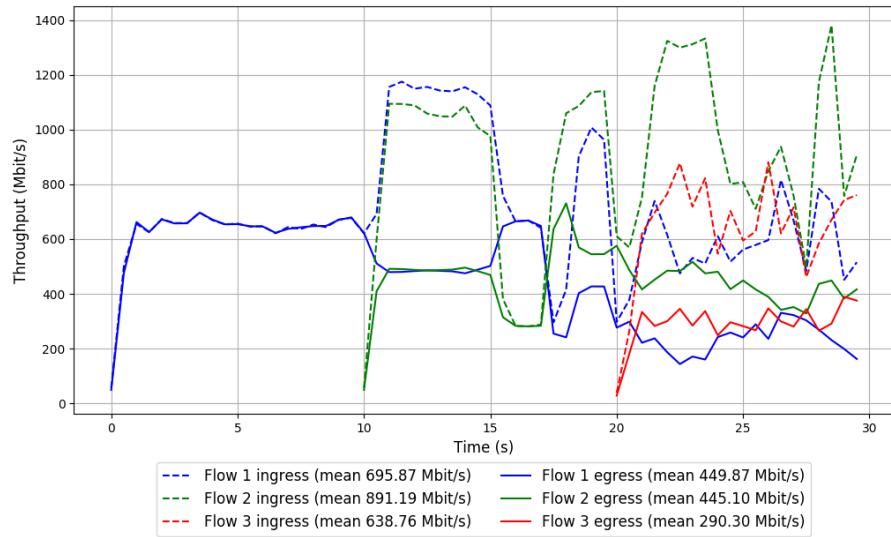


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 05:48:32
End at: 2017-09-18 05:49:02
Local clock offset: 1.17 ms
Remote clock offset: -4.018 ms

# Below is generated by plot.py at 2017-09-18 10:20:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 842.62 Mbit/s
95th percentile per-packet one-way delay: 22.784 ms
Loss rate: 43.87%
-- Flow 1:
Average throughput: 449.87 Mbit/s
95th percentile per-packet one-way delay: 23.318 ms
Loss rate: 35.35%
-- Flow 2:
Average throughput: 445.10 Mbit/s
95th percentile per-packet one-way delay: 22.652 ms
Loss rate: 50.05%
-- Flow 3:
Average throughput: 290.30 Mbit/s
95th percentile per-packet one-way delay: 20.732 ms
Loss rate: 54.54%
```

Run 7: Report of CalibratedKoho — Data Link

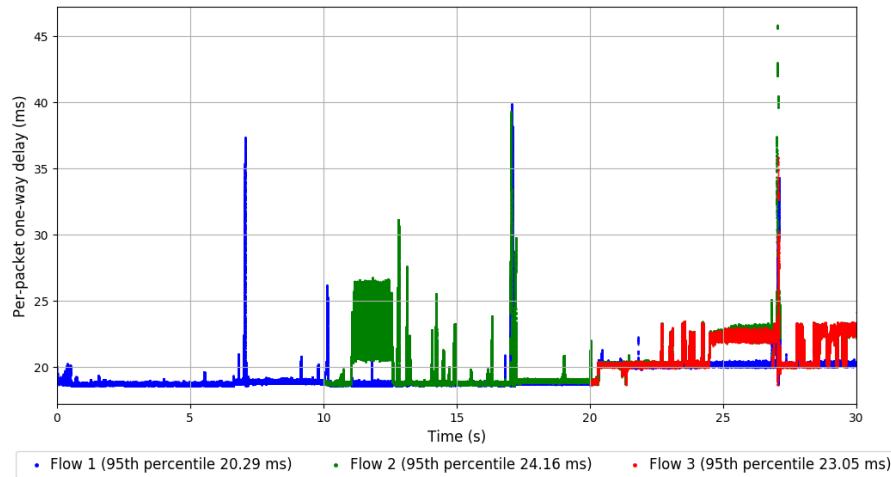
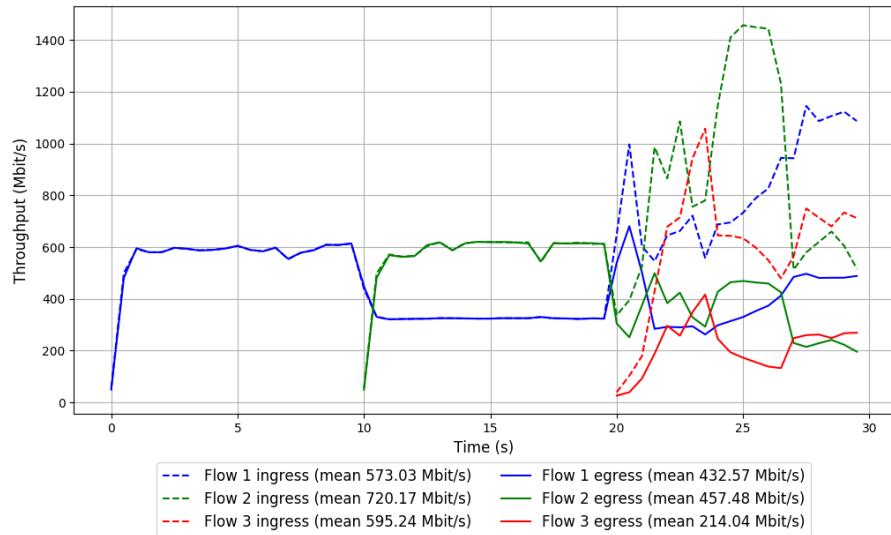


Run 8: Statistics of CalibratedKoho

```
Start at: 2017-09-18 06:10:53
End at: 2017-09-18 06:11:23
Local clock offset: 1.03 ms
Remote clock offset: -3.897 ms

# Below is generated by plot.py at 2017-09-18 10:20:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 808.24 Mbit/s
95th percentile per-packet one-way delay: 22.916 ms
Loss rate: 35.34%
-- Flow 1:
Average throughput: 432.57 Mbit/s
95th percentile per-packet one-way delay: 20.288 ms
Loss rate: 24.51%
-- Flow 2:
Average throughput: 457.48 Mbit/s
95th percentile per-packet one-way delay: 24.158 ms
Loss rate: 36.47%
-- Flow 3:
Average throughput: 214.04 Mbit/s
95th percentile per-packet one-way delay: 23.051 ms
Loss rate: 64.03%
```

Run 8: Report of CalibratedKoho — Data Link

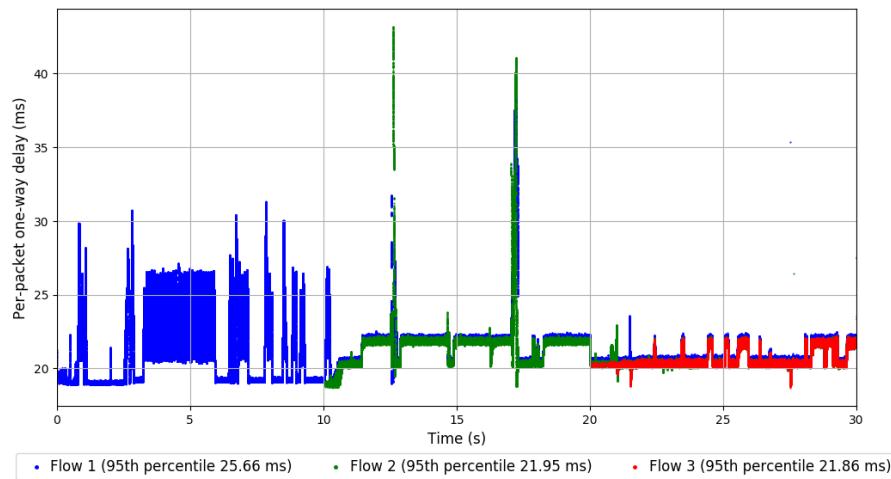
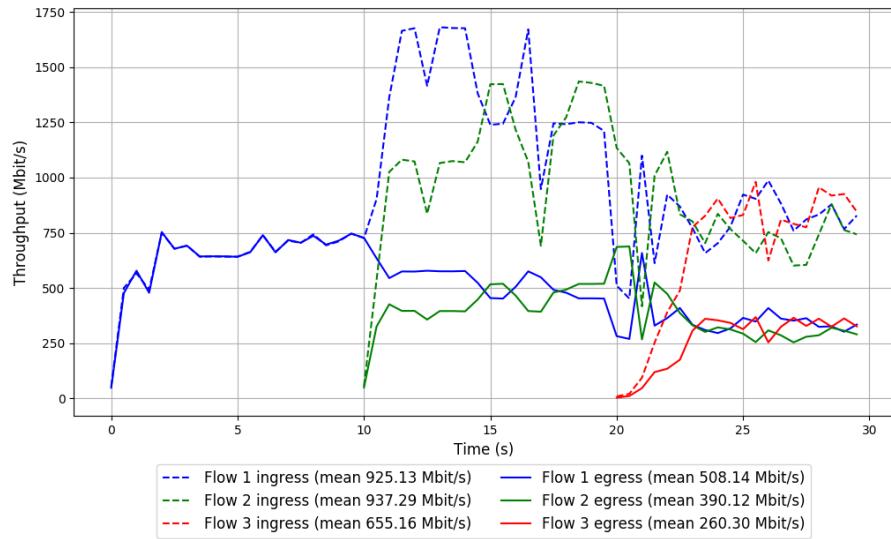


Run 9: Statistics of CalibratedKoho

```
Start at: 2017-09-18 06:33:17
End at: 2017-09-18 06:33:47
Local clock offset: 0.436 ms
Remote clock offset: -3.474 ms

# Below is generated by plot.py at 2017-09-18 10:26:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.33 Mbit/s
95th percentile per-packet one-way delay: 24.694 ms
Loss rate: 51.63%
-- Flow 1:
Average throughput: 508.14 Mbit/s
95th percentile per-packet one-way delay: 25.659 ms
Loss rate: 45.07%
-- Flow 2:
Average throughput: 390.12 Mbit/s
95th percentile per-packet one-way delay: 21.948 ms
Loss rate: 58.37%
-- Flow 3:
Average throughput: 260.30 Mbit/s
95th percentile per-packet one-way delay: 21.864 ms
Loss rate: 60.24%
```

Run 9: Report of CalibratedKoho — Data Link

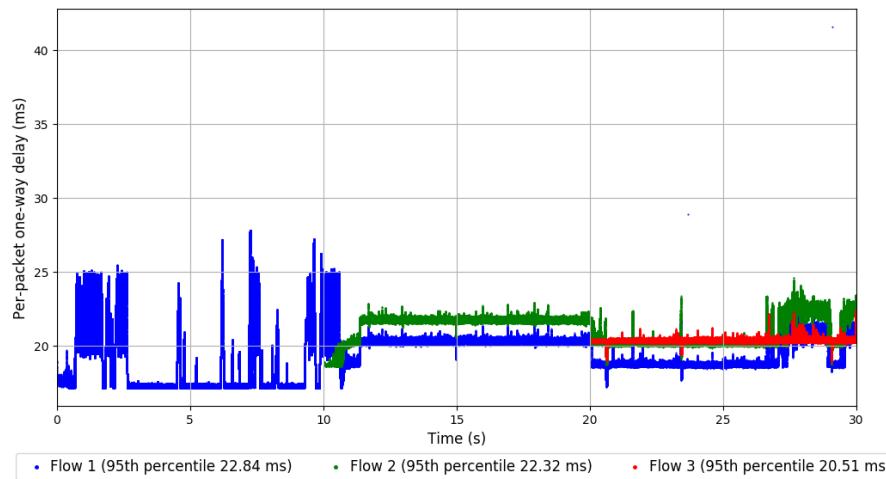
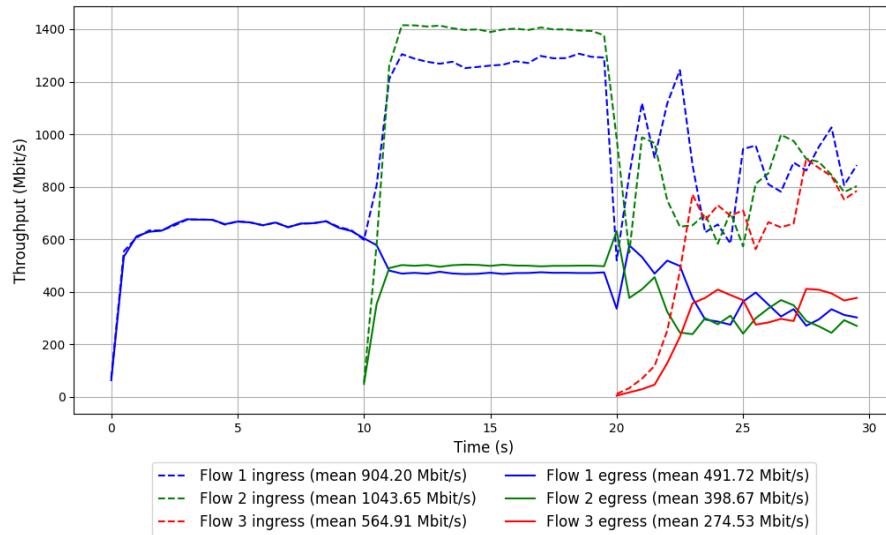


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 06:56:01
End at: 2017-09-18 06:56:31
Local clock offset: -0.043 ms
Remote clock offset: -3.308 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 848.19 Mbit/s
95th percentile per-packet one-way delay: 22.345 ms
Loss rate: 52.51%
-- Flow 1:
Average throughput: 491.72 Mbit/s
95th percentile per-packet one-way delay: 22.837 ms
Loss rate: 45.61%
-- Flow 2:
Average throughput: 398.67 Mbit/s
95th percentile per-packet one-way delay: 22.325 ms
Loss rate: 61.79%
-- Flow 3:
Average throughput: 274.53 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 51.39%
```

Run 10: Report of CalibratedKoho — Data Link

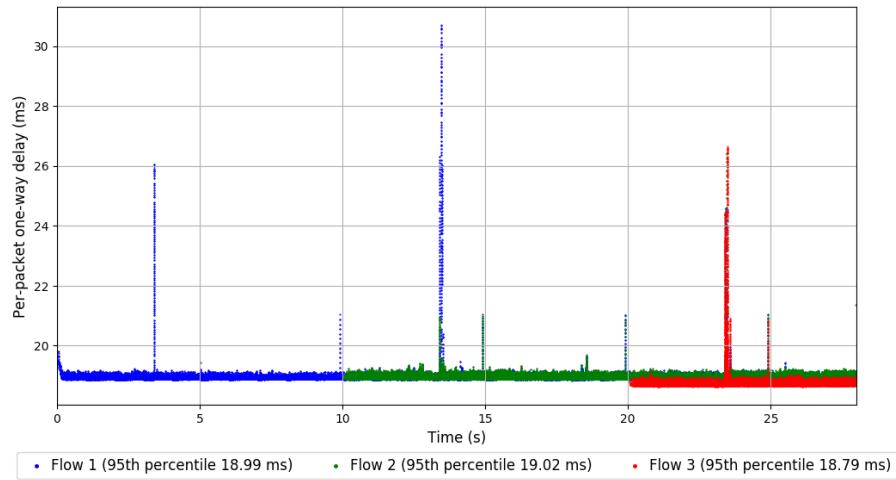
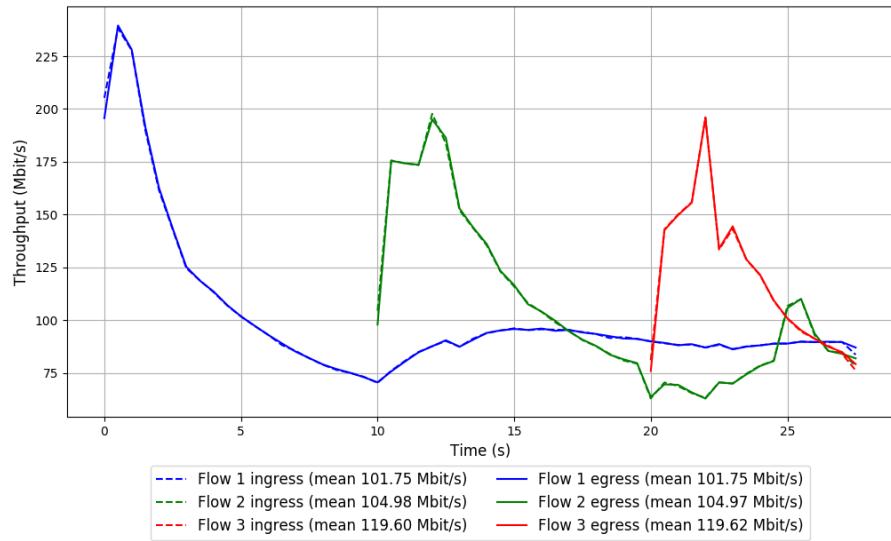


Run 1: Statistics of Copa

```
Start at: 2017-09-18 03:16:29
End at: 2017-09-18 03:16:59
Local clock offset: -3.556 ms
Remote clock offset: -1.822 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.05 Mbit/s
95th percentile per-packet one-way delay: 18.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 18.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 104.97 Mbit/s
95th percentile per-packet one-way delay: 19.019 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.62 Mbit/s
95th percentile per-packet one-way delay: 18.793 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

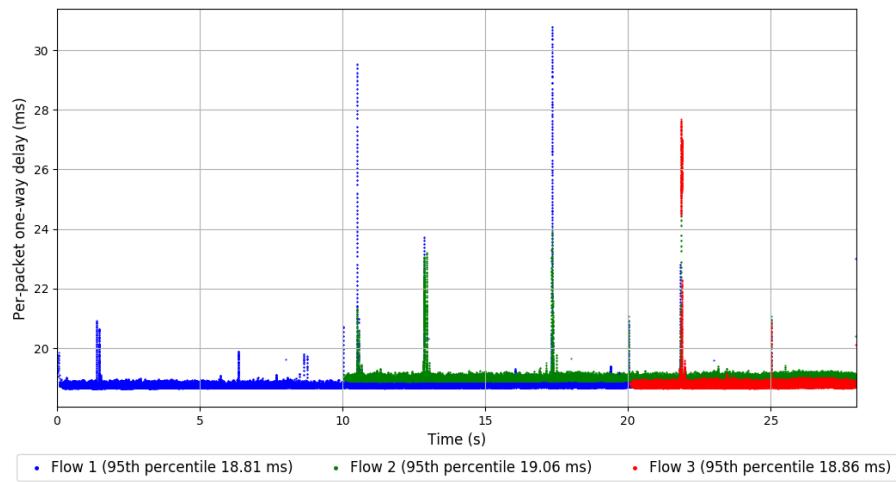
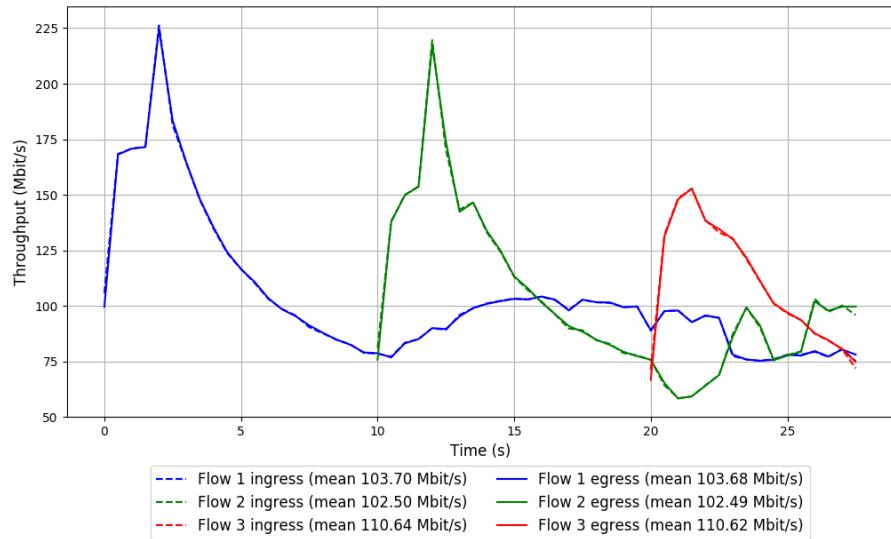


Run 2: Statistics of Copa

```
Start at: 2017-09-18 03:39:01
End at: 2017-09-18 03:39:31
Local clock offset: -1.963 ms
Remote clock offset: -2.333 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 200.79 Mbit/s
95th percentile per-packet one-way delay: 18.998 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.68 Mbit/s
95th percentile per-packet one-way delay: 18.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 102.49 Mbit/s
95th percentile per-packet one-way delay: 19.058 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 110.62 Mbit/s
95th percentile per-packet one-way delay: 18.856 ms
Loss rate: 0.01%
```

Run 2: Report of Copa — Data Link

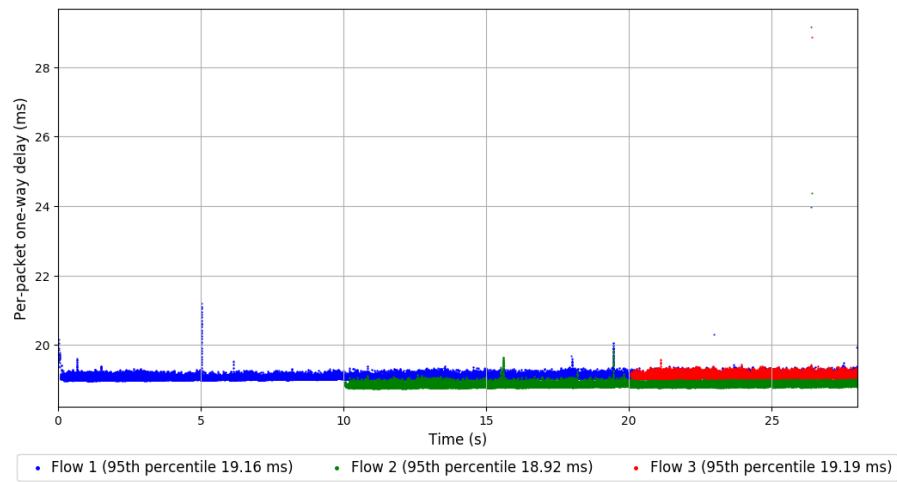
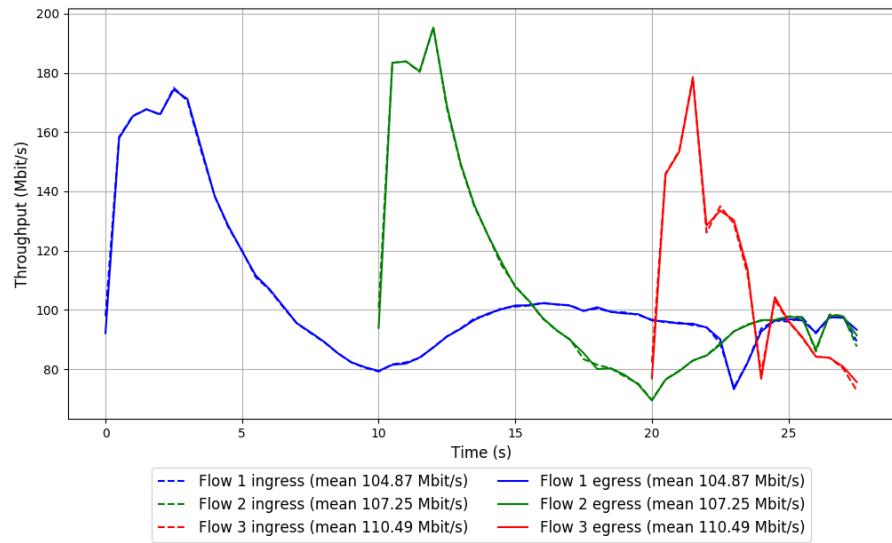


Run 3: Statistics of Copa

```
Start at: 2017-09-18 04:01:37
End at: 2017-09-18 04:02:07
Local clock offset: 0.248 ms
Remote clock offset: -2.914 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.06 Mbit/s
95th percentile per-packet one-way delay: 19.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.87 Mbit/s
95th percentile per-packet one-way delay: 19.155 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 107.25 Mbit/s
95th percentile per-packet one-way delay: 18.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.49 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

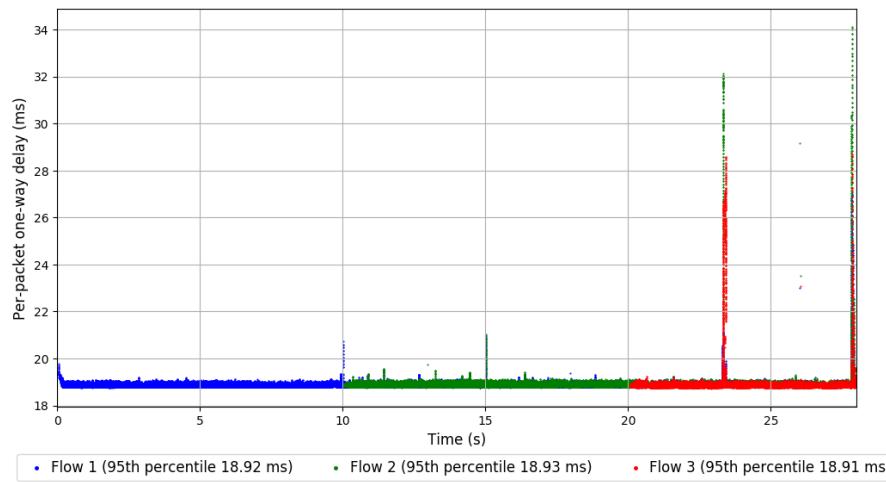
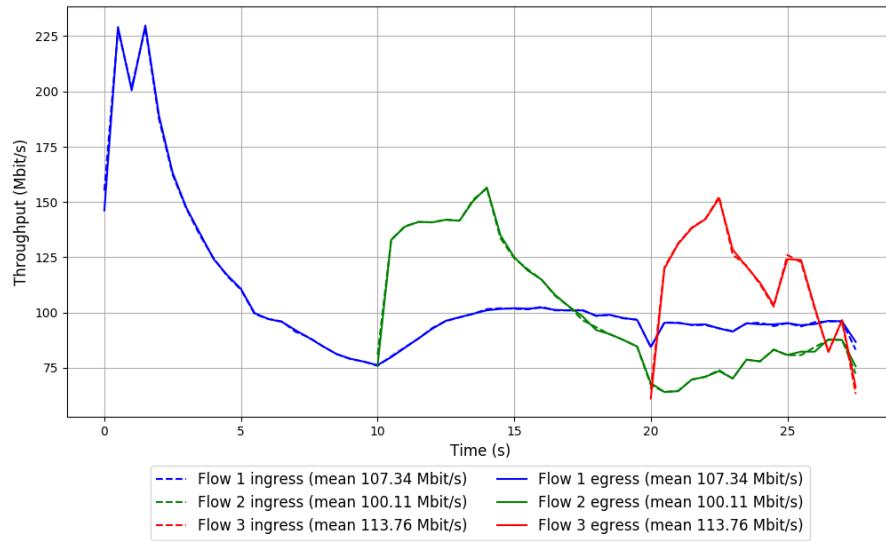


Run 4: Statistics of Copa

```
Start at: 2017-09-18 04:24:00
End at: 2017-09-18 04:24:30
Local clock offset: 0.953 ms
Remote clock offset: -3.184 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.89 Mbit/s
95th percentile per-packet one-way delay: 18.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 107.34 Mbit/s
95th percentile per-packet one-way delay: 18.922 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.11 Mbit/s
95th percentile per-packet one-way delay: 18.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.76 Mbit/s
95th percentile per-packet one-way delay: 18.906 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

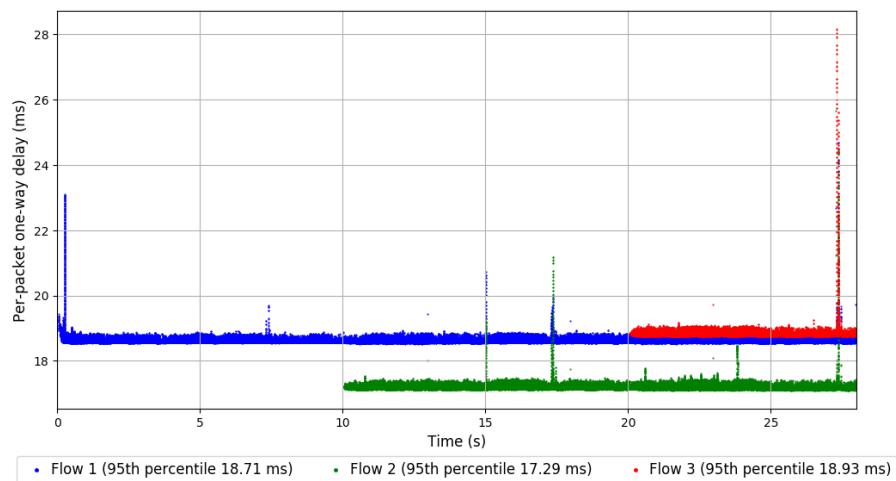
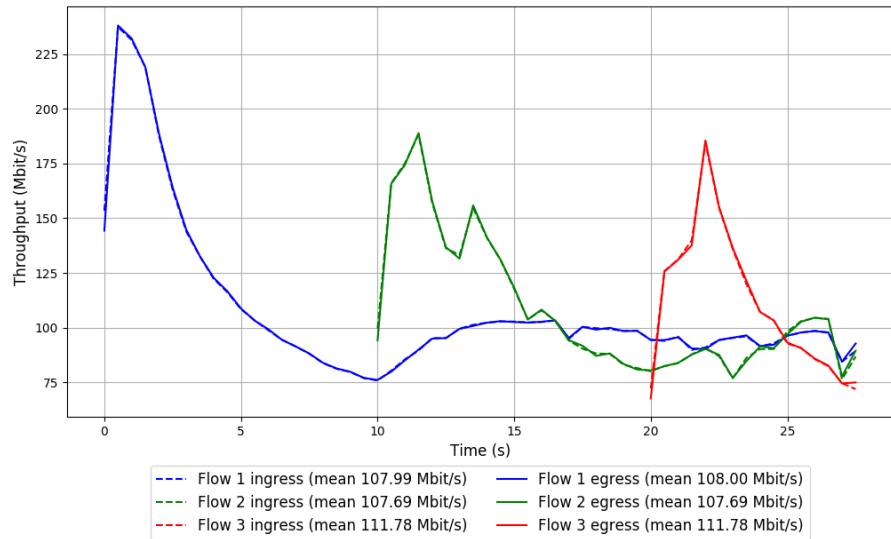


Run 5: Statistics of Copa

```
Start at: 2017-09-18 04:46:30
End at: 2017-09-18 04:47:00
Local clock offset: 0.738 ms
Remote clock offset: -3.633 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 208.81 Mbit/s
95th percentile per-packet one-way delay: 18.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: 18.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 107.69 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.78 Mbit/s
95th percentile per-packet one-way delay: 18.933 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

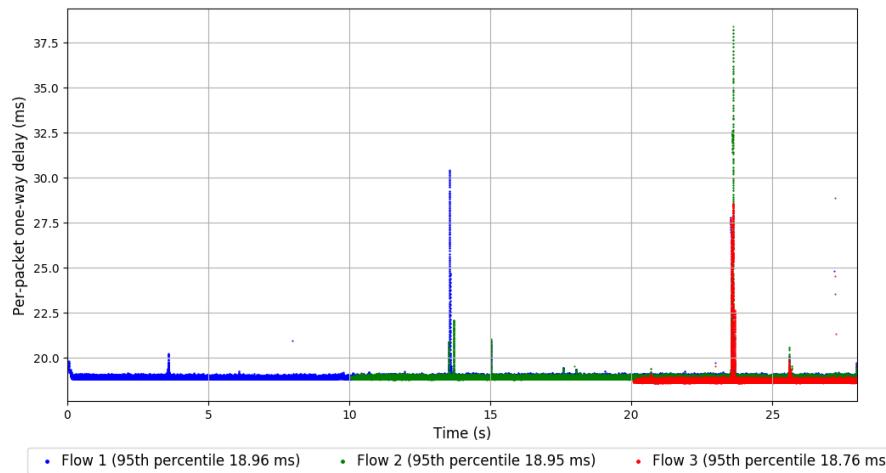
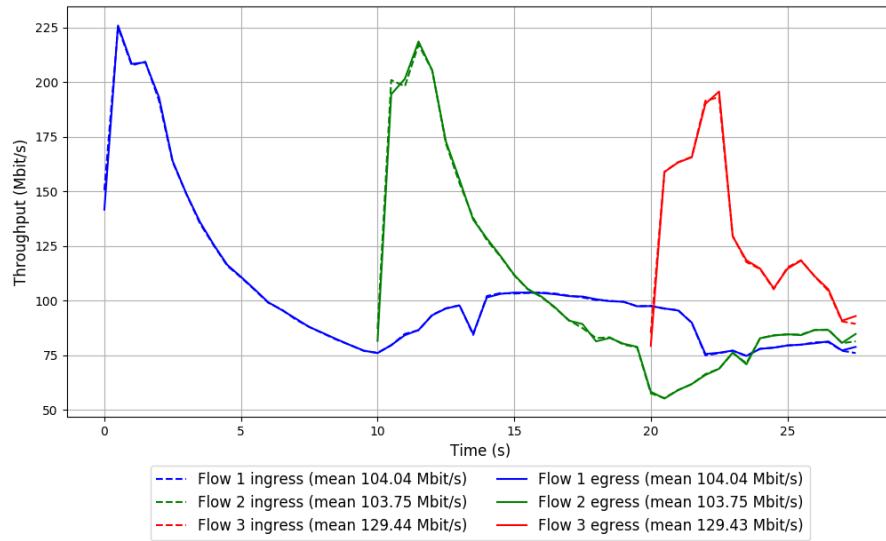


Run 6: Statistics of Copa

```
Start at: 2017-09-18 05:09:04
End at: 2017-09-18 05:09:34
Local clock offset: 0.986 ms
Remote clock offset: -3.648 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 207.38 Mbit/s
95th percentile per-packet one-way delay: 18.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.04 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.75 Mbit/s
95th percentile per-packet one-way delay: 18.947 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 129.43 Mbit/s
95th percentile per-packet one-way delay: 18.764 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

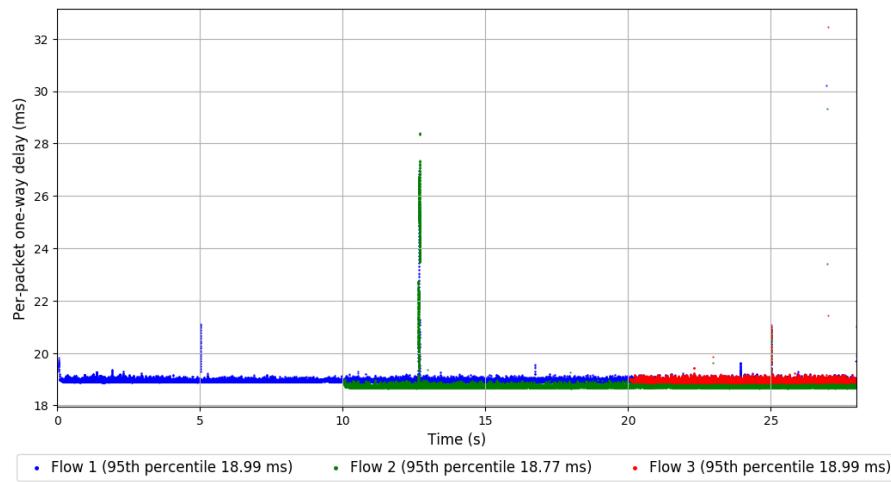
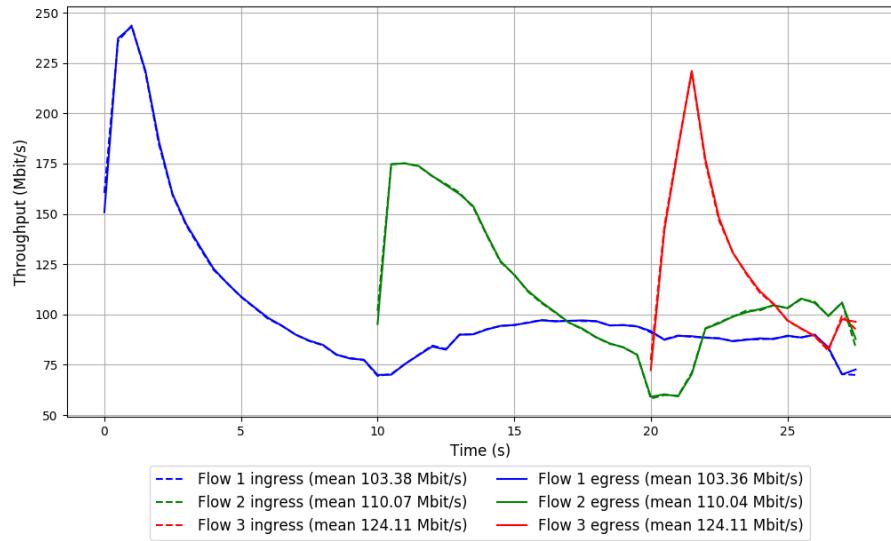


Run 7: Statistics of Copa

```
Start at: 2017-09-18 05:31:23
End at: 2017-09-18 05:31:53
Local clock offset: 1.169 ms
Remote clock offset: -3.776 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 209.18 Mbit/s
95th percentile per-packet one-way delay: 18.985 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 103.36 Mbit/s
95th percentile per-packet one-way delay: 18.990 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 110.04 Mbit/s
95th percentile per-packet one-way delay: 18.772 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 124.11 Mbit/s
95th percentile per-packet one-way delay: 18.994 ms
Loss rate: 0.01%
```

Run 7: Report of Copa — Data Link

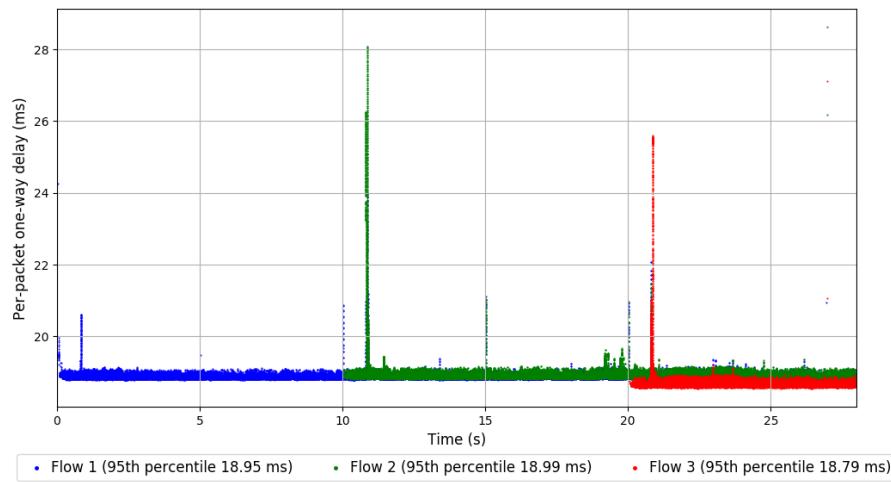
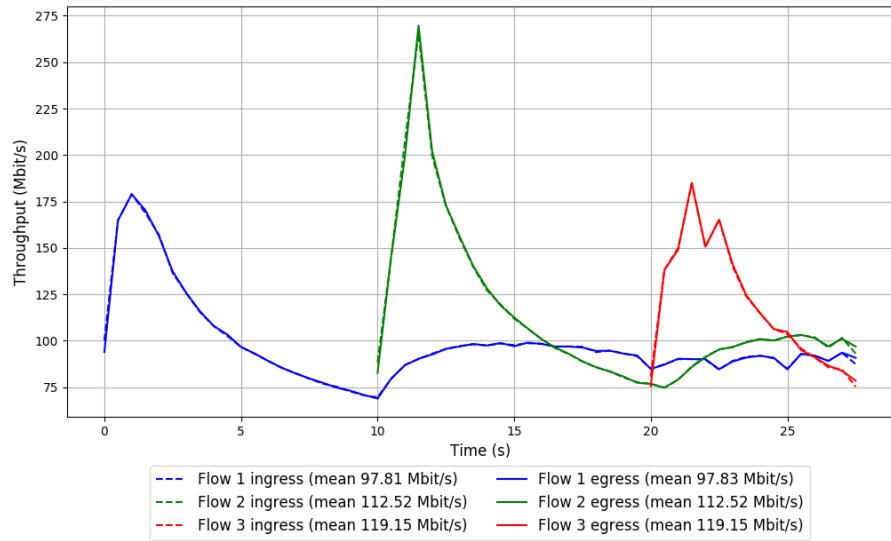


Run 8: Statistics of Copa

```
Start at: 2017-09-18 05:54:02
End at: 2017-09-18 05:54:32
Local clock offset: 1.203 ms
Remote clock offset: -3.946 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.87 Mbit/s
95th percentile per-packet one-way delay: 18.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.83 Mbit/s
95th percentile per-packet one-way delay: 18.951 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 112.52 Mbit/s
95th percentile per-packet one-way delay: 18.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.15 Mbit/s
95th percentile per-packet one-way delay: 18.788 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

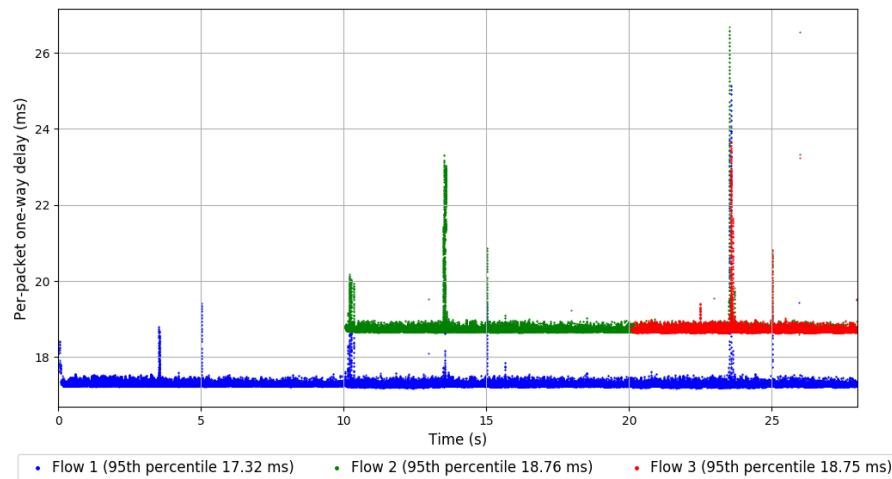
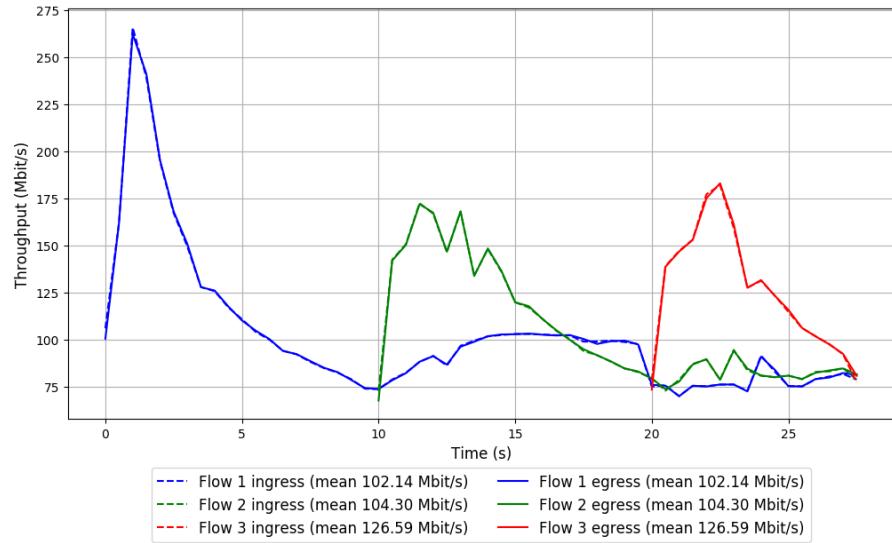


Run 9: Statistics of Copa

```
Start at: 2017-09-18 06:16:09
End at: 2017-09-18 06:16:39
Local clock offset: 0.864 ms
Remote clock offset: -3.787 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.98 Mbit/s
95th percentile per-packet one-way delay: 18.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.14 Mbit/s
95th percentile per-packet one-way delay: 17.320 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 104.30 Mbit/s
95th percentile per-packet one-way delay: 18.756 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 126.59 Mbit/s
95th percentile per-packet one-way delay: 18.753 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

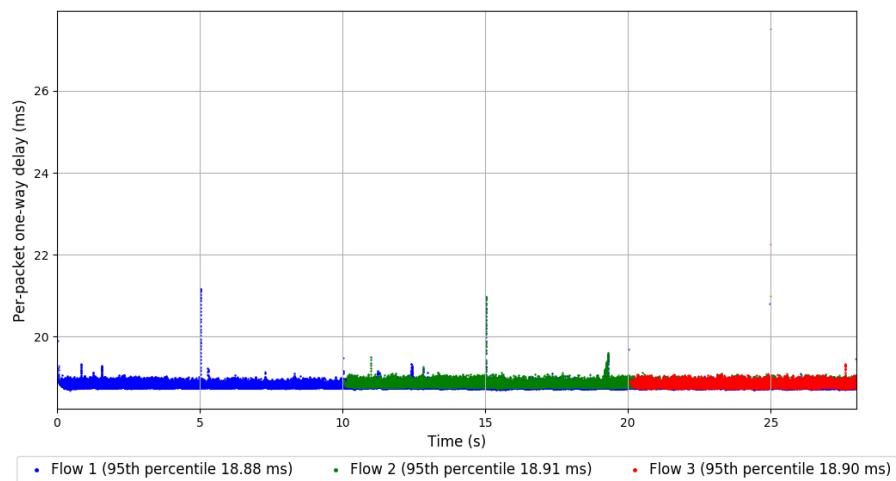
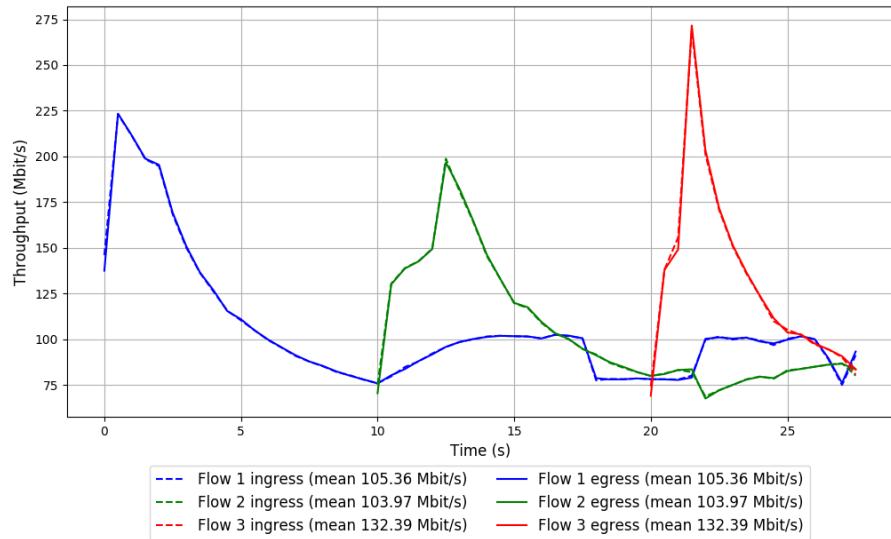


Run 10: Statistics of Copa

```
Start at: 2017-09-18 06:38:50
End at: 2017-09-18 06:39:20
Local clock offset: 0.396 ms
Remote clock offset: -3.43 ms

# Below is generated by plot.py at 2017-09-18 10:28:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 209.60 Mbit/s
95th percentile per-packet one-way delay: 18.891 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.36 Mbit/s
95th percentile per-packet one-way delay: 18.876 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.97 Mbit/s
95th percentile per-packet one-way delay: 18.905 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 132.39 Mbit/s
95th percentile per-packet one-way delay: 18.897 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

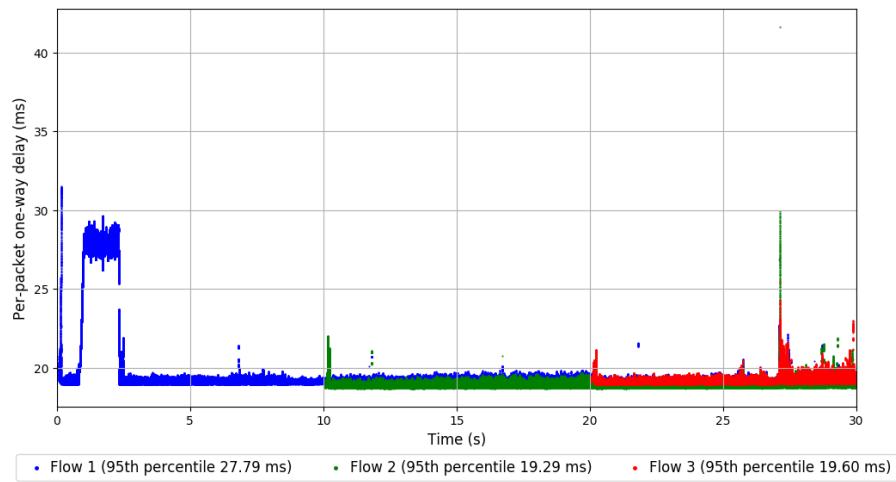
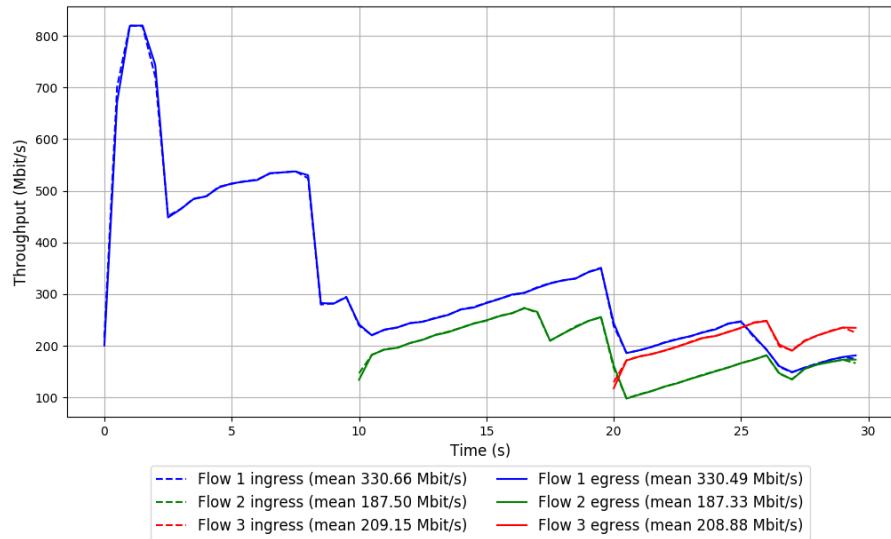


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-18 03:19:39
End at: 2017-09-18 03:20:09
Local clock offset: -3.533 ms
Remote clock offset: -1.844 ms

# Below is generated by plot.py at 2017-09-18 10:29:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 524.54 Mbit/s
95th percentile per-packet one-way delay: 27.532 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 330.49 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 187.33 Mbit/s
95th percentile per-packet one-way delay: 19.288 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 208.88 Mbit/s
95th percentile per-packet one-way delay: 19.601 ms
Loss rate: 0.12%
```

Run 1: Report of TCP Cubic — Data Link

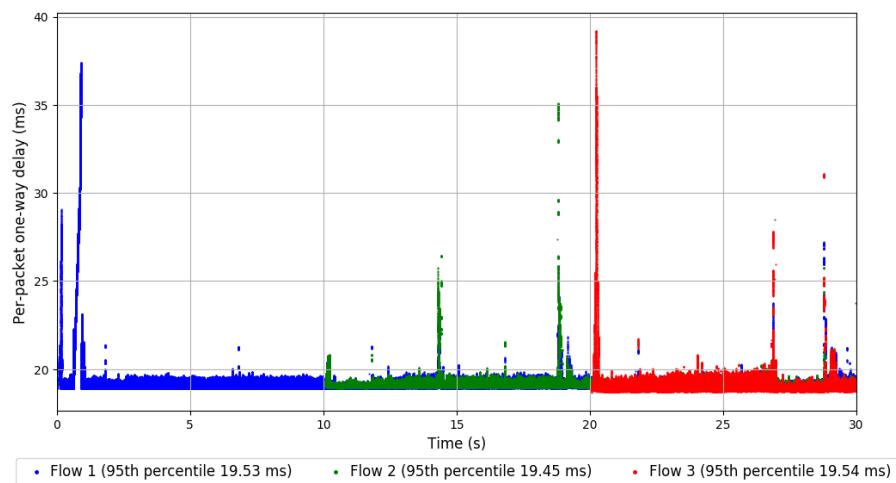
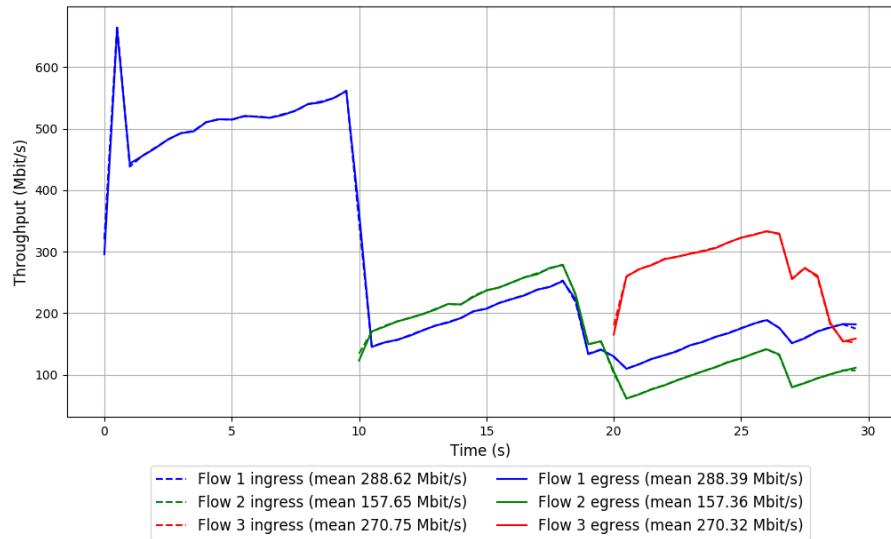


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-18 03:42:11
End at: 2017-09-18 03:42:41
Local clock offset: -1.834 ms
Remote clock offset: -2.394 ms

# Below is generated by plot.py at 2017-09-18 10:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 482.76 Mbit/s
95th percentile per-packet one-way delay: 19.512 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 288.39 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 157.36 Mbit/s
95th percentile per-packet one-way delay: 19.453 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 270.32 Mbit/s
95th percentile per-packet one-way delay: 19.544 ms
Loss rate: 0.16%
```

Run 2: Report of TCP Cubic — Data Link

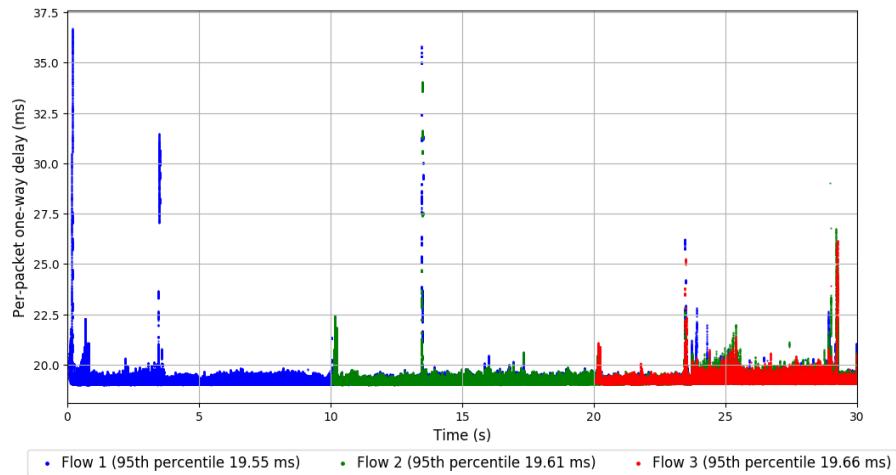
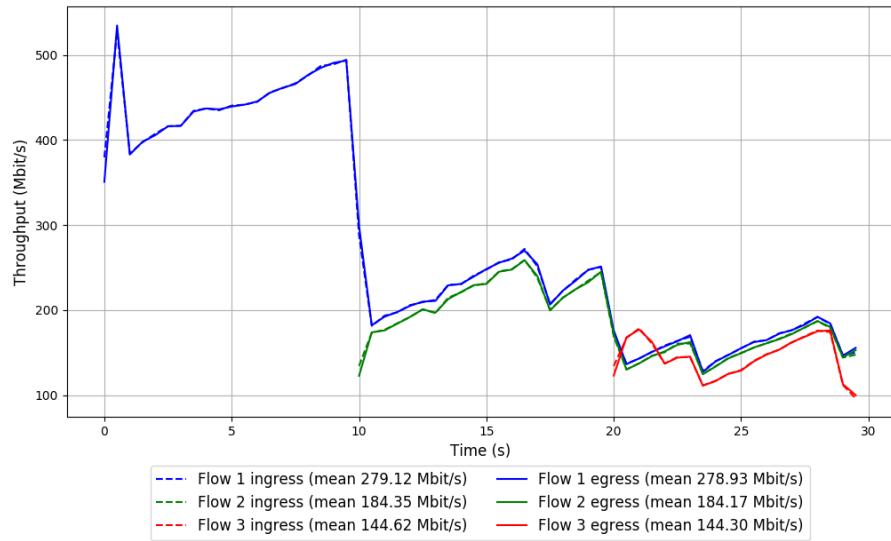


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-18 04:04:46
End at: 2017-09-18 04:05:16
Local clock offset: 0.798 ms
Remote clock offset: -2.88 ms

# Below is generated by plot.py at 2017-09-18 10:30:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 449.54 Mbit/s
95th percentile per-packet one-way delay: 19.579 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 278.93 Mbit/s
95th percentile per-packet one-way delay: 19.546 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 184.17 Mbit/s
95th percentile per-packet one-way delay: 19.612 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 144.30 Mbit/s
95th percentile per-packet one-way delay: 19.660 ms
Loss rate: 0.22%
```

Run 3: Report of TCP Cubic — Data Link

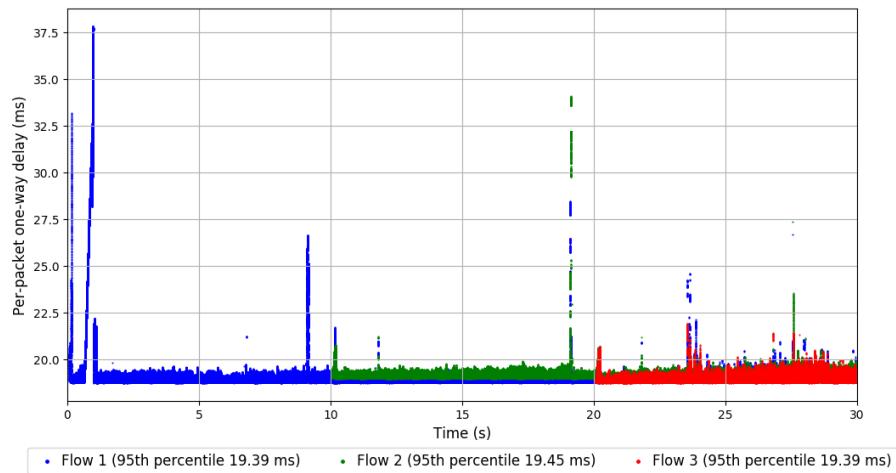
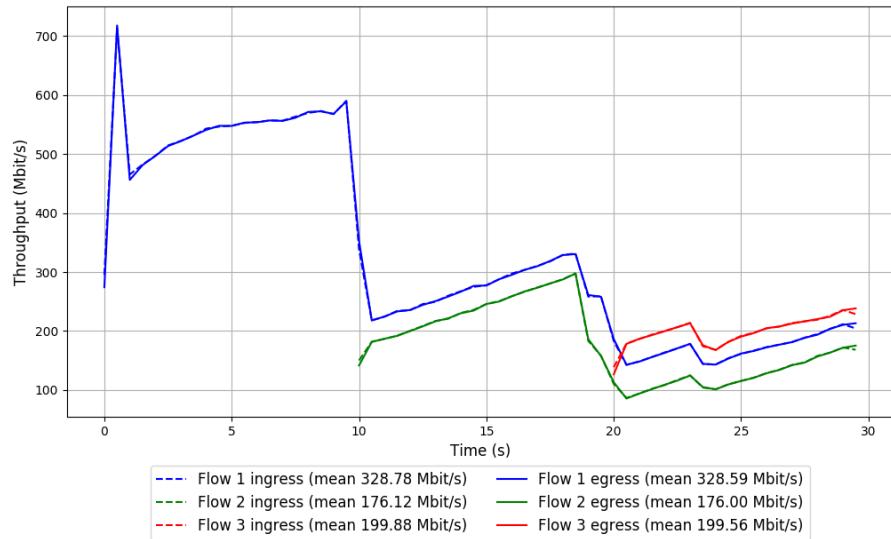


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-18 04:27:11
End at: 2017-09-18 04:27:41
Local clock offset: 0.807 ms
Remote clock offset: -3.197 ms

# Below is generated by plot.py at 2017-09-18 10:31:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.15 Mbit/s
95th percentile per-packet one-way delay: 19.420 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 328.59 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 176.00 Mbit/s
95th percentile per-packet one-way delay: 19.446 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 199.56 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.15%
```

Run 4: Report of TCP Cubic — Data Link

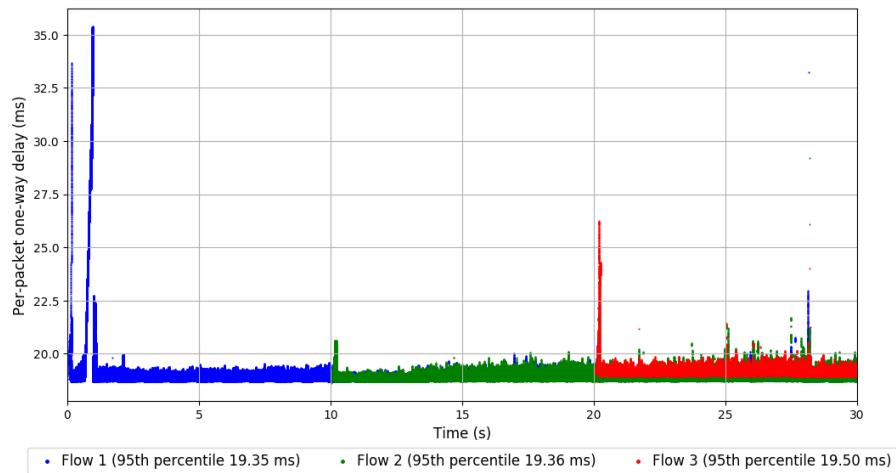
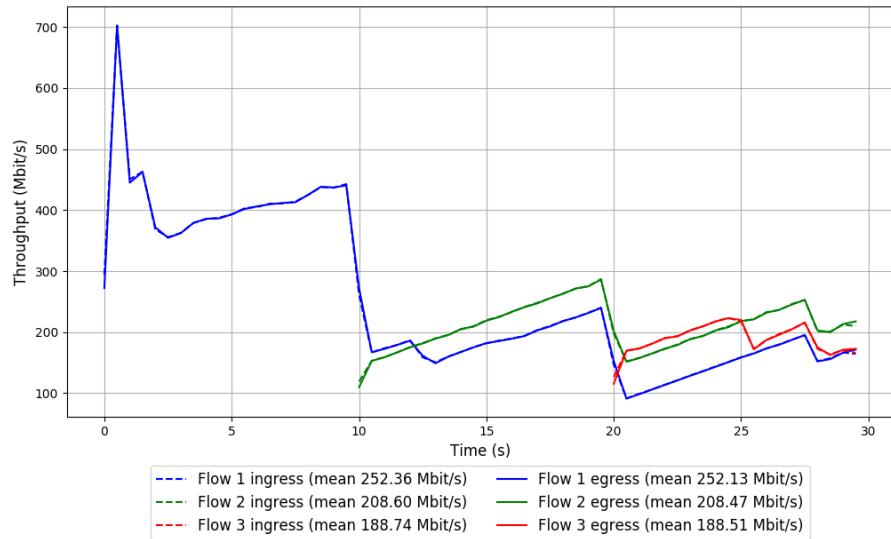


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-18 04:49:42
End at: 2017-09-18 04:50:12
Local clock offset: 0.559 ms
Remote clock offset: -3.668 ms

# Below is generated by plot.py at 2017-09-18 10:31:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 453.57 Mbit/s
95th percentile per-packet one-way delay: 19.407 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 252.13 Mbit/s
95th percentile per-packet one-way delay: 19.352 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 208.47 Mbit/s
95th percentile per-packet one-way delay: 19.364 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 188.51 Mbit/s
95th percentile per-packet one-way delay: 19.495 ms
Loss rate: 0.12%
```

Run 5: Report of TCP Cubic — Data Link

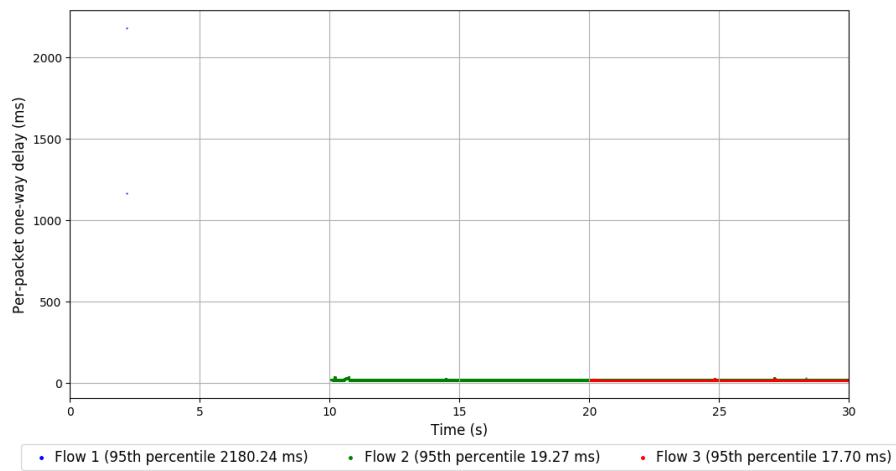
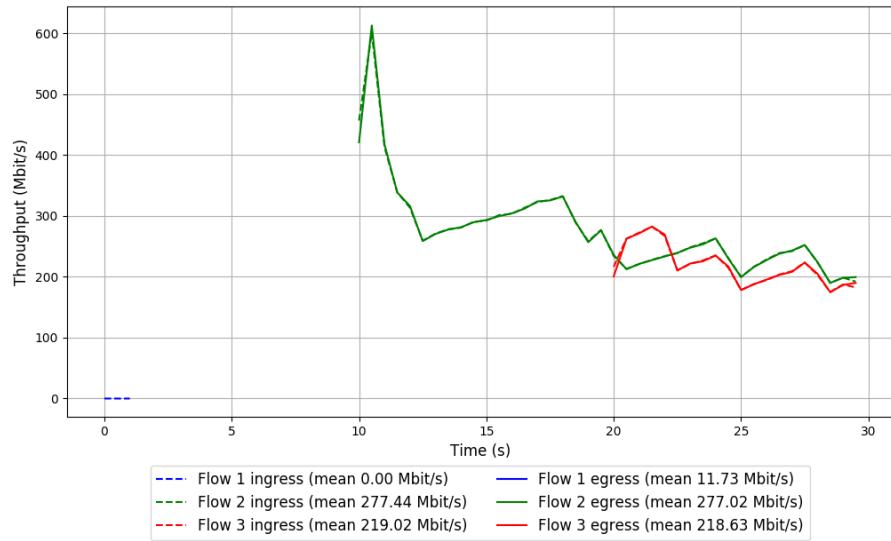


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-18 05:12:16
End at: 2017-09-18 05:12:46
Local clock offset: 1.114 ms
Remote clock offset: -3.624 ms

# Below is generated by plot.py at 2017-09-18 10:31:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 277.04 Mbit/s
95th percentile per-packet one-way delay: 19.176 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 2180.243 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 277.02 Mbit/s
95th percentile per-packet one-way delay: 19.272 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 218.63 Mbit/s
95th percentile per-packet one-way delay: 17.705 ms
Loss rate: 0.18%
```

Run 6: Report of TCP Cubic — Data Link

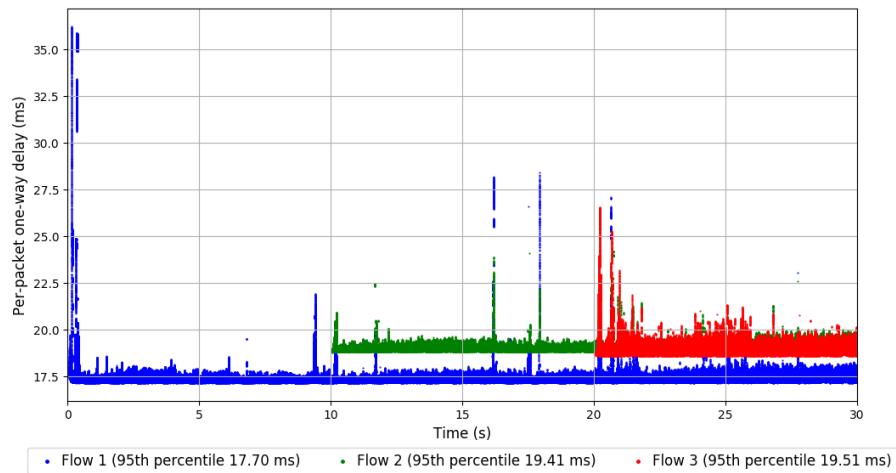
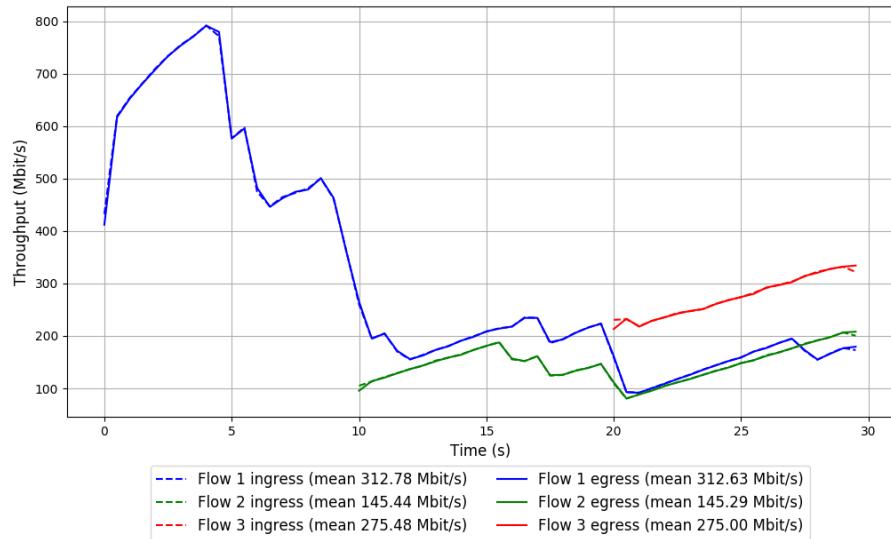


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-18 05:34:35
End at: 2017-09-18 05:35:05
Local clock offset: 1.115 ms
Remote clock offset: -3.928 ms

# Below is generated by plot.py at 2017-09-18 10:33:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 500.66 Mbit/s
95th percentile per-packet one-way delay: 19.291 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 312.63 Mbit/s
95th percentile per-packet one-way delay: 17.705 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 145.29 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 275.00 Mbit/s
95th percentile per-packet one-way delay: 19.506 ms
Loss rate: 0.17%
```

Run 7: Report of TCP Cubic — Data Link

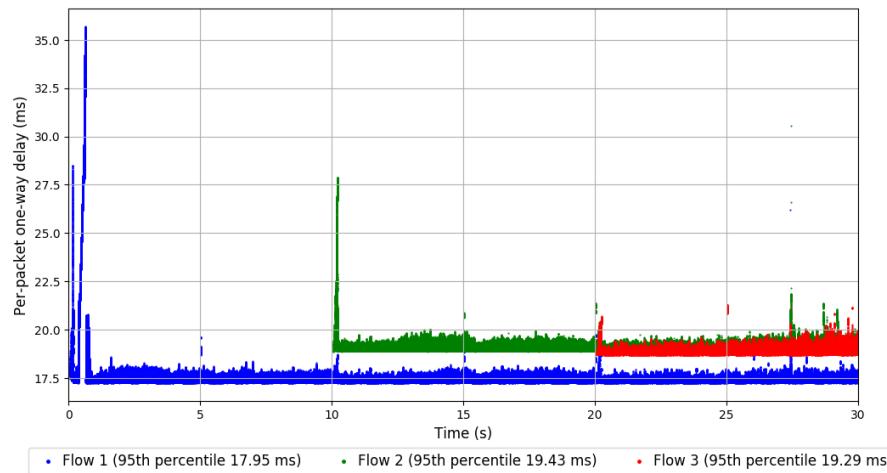
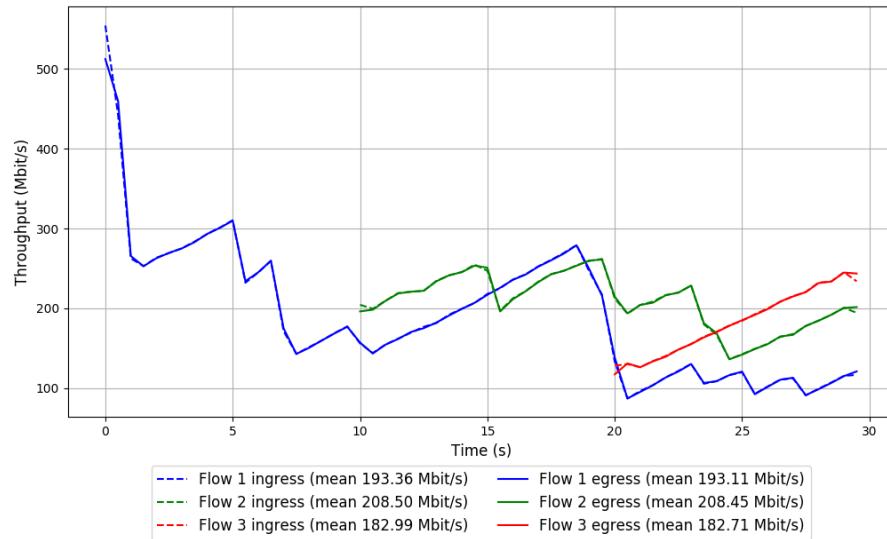


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-18 05:57:14
End at: 2017-09-18 05:57:44
Local clock offset: 1.082 ms
Remote clock offset: -3.954 ms

# Below is generated by plot.py at 2017-09-18 10:33:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 392.57 Mbit/s
95th percentile per-packet one-way delay: 19.378 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 193.11 Mbit/s
95th percentile per-packet one-way delay: 17.945 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 208.45 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 182.71 Mbit/s
95th percentile per-packet one-way delay: 19.288 ms
Loss rate: 0.15%
```

Run 8: Report of TCP Cubic — Data Link

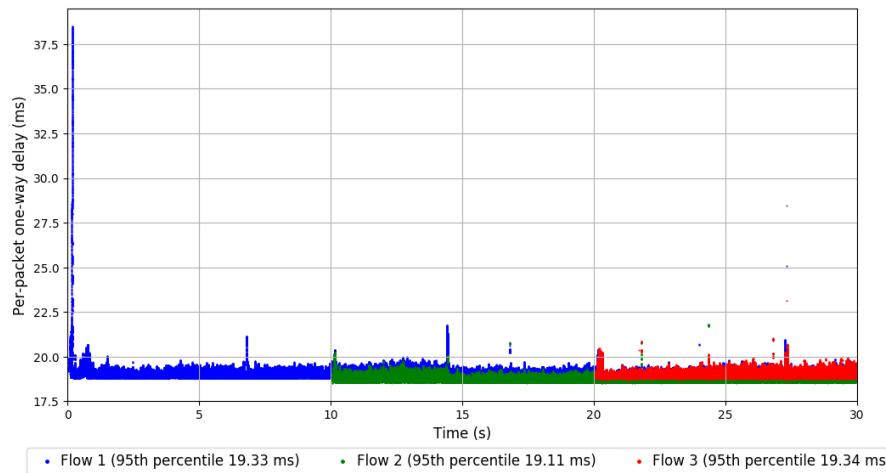
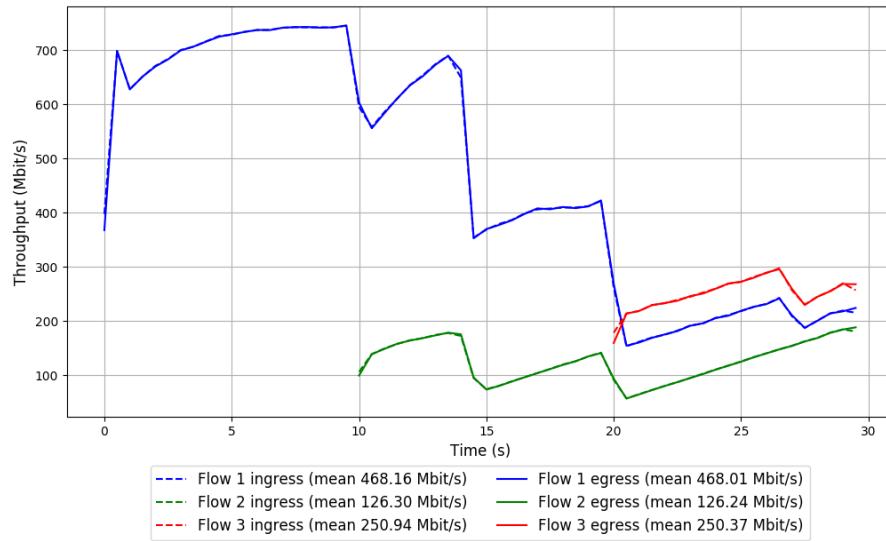


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-18 06:19:20
End at: 2017-09-18 06:19:50
Local clock offset: 0.906 ms
Remote clock offset: -3.732 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 635.19 Mbit/s
95th percentile per-packet one-way delay: 19.316 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 468.01 Mbit/s
95th percentile per-packet one-way delay: 19.329 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 126.24 Mbit/s
95th percentile per-packet one-way delay: 19.115 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 250.37 Mbit/s
95th percentile per-packet one-way delay: 19.339 ms
Loss rate: 0.23%
```

Run 9: Report of TCP Cubic — Data Link

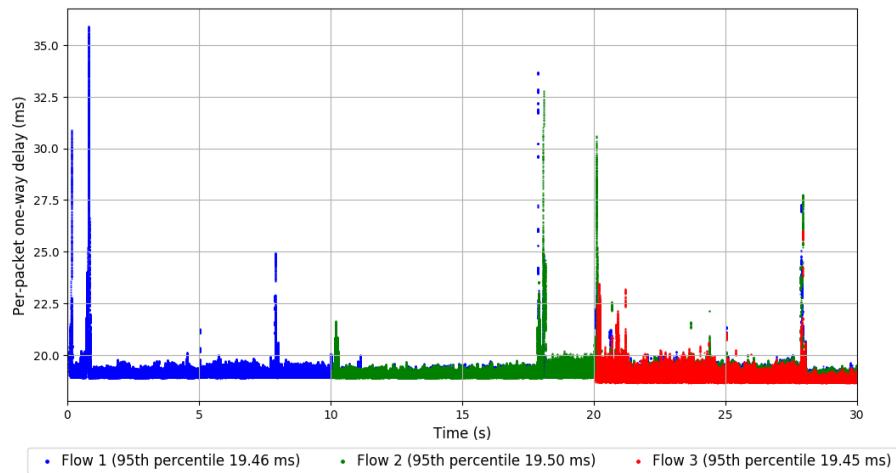
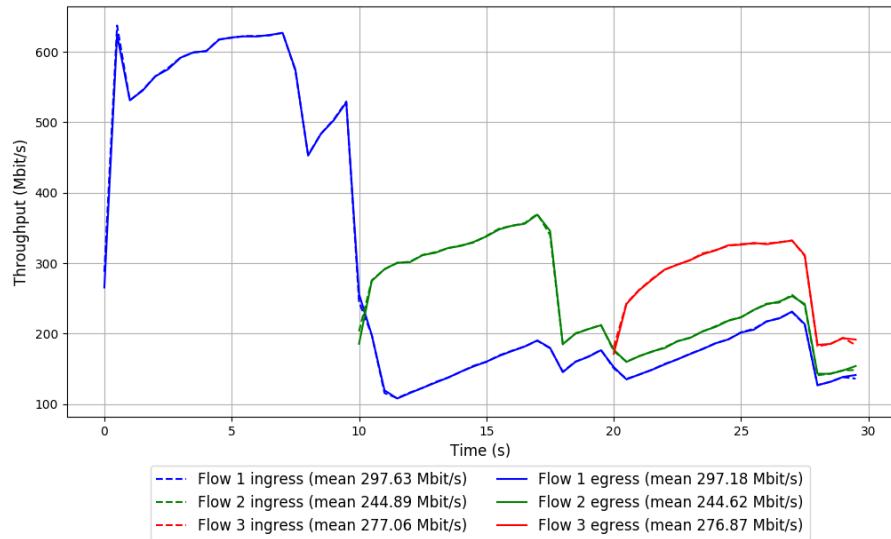


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-09-18 06:42:02
End at: 2017-09-18 06:42:32
Local clock offset: 0.192 ms
Remote clock offset: -3.417 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 551.98 Mbit/s
95th percentile per-packet one-way delay: 19.472 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 297.18 Mbit/s
95th percentile per-packet one-way delay: 19.463 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 244.62 Mbit/s
95th percentile per-packet one-way delay: 19.500 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 276.87 Mbit/s
95th percentile per-packet one-way delay: 19.450 ms
Loss rate: 0.07%
```

Run 10: Report of TCP Cubic — Data Link

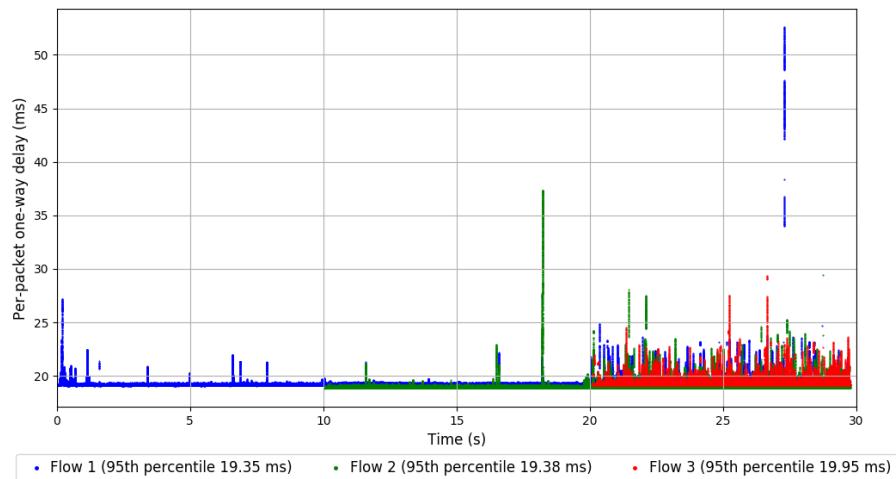
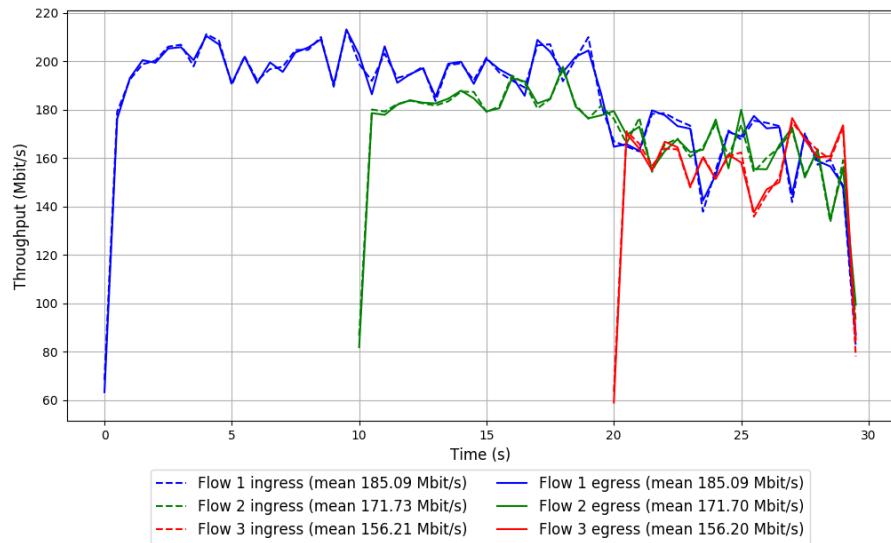


Run 1: Statistics of Indigo

```
Start at: 2017-09-18 03:30:52
End at: 2017-09-18 03:31:22
Local clock offset: -2.584 ms
Remote clock offset: -2.032 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 349.59 Mbit/s
95th percentile per-packet one-way delay: 19.452 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 185.09 Mbit/s
95th percentile per-packet one-way delay: 19.350 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.70 Mbit/s
95th percentile per-packet one-way delay: 19.378 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 156.20 Mbit/s
95th percentile per-packet one-way delay: 19.949 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link

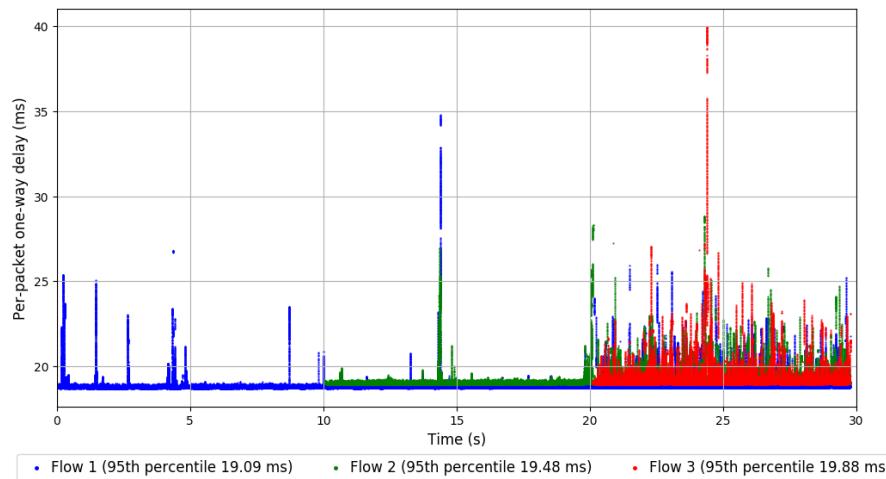
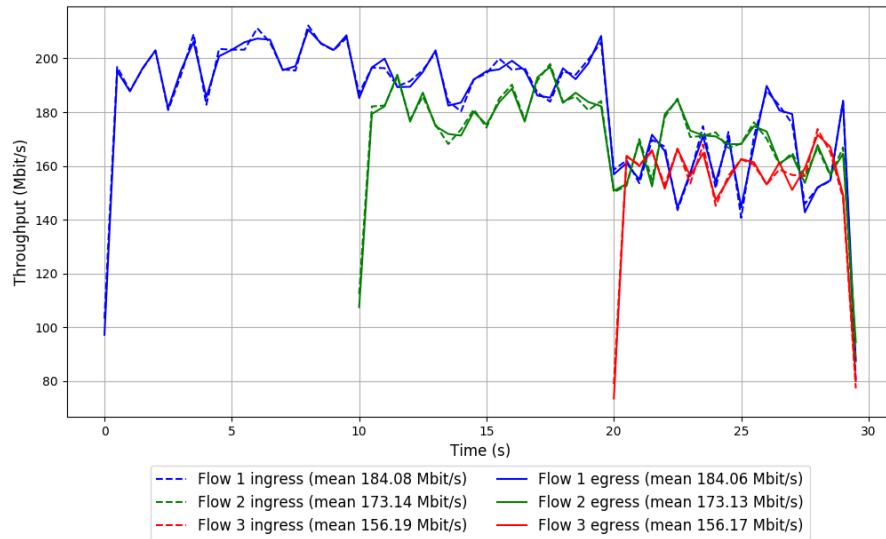


Run 2: Statistics of Indigo

```
Start at: 2017-09-18 03:53:25
End at: 2017-09-18 03:53:55
Local clock offset: -0.839 ms
Remote clock offset: -2.727 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 349.55 Mbit/s
95th percentile per-packet one-way delay: 19.396 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 184.06 Mbit/s
95th percentile per-packet one-way delay: 19.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.13 Mbit/s
95th percentile per-packet one-way delay: 19.482 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.17 Mbit/s
95th percentile per-packet one-way delay: 19.884 ms
Loss rate: 0.05%
```

Run 2: Report of Indigo — Data Link

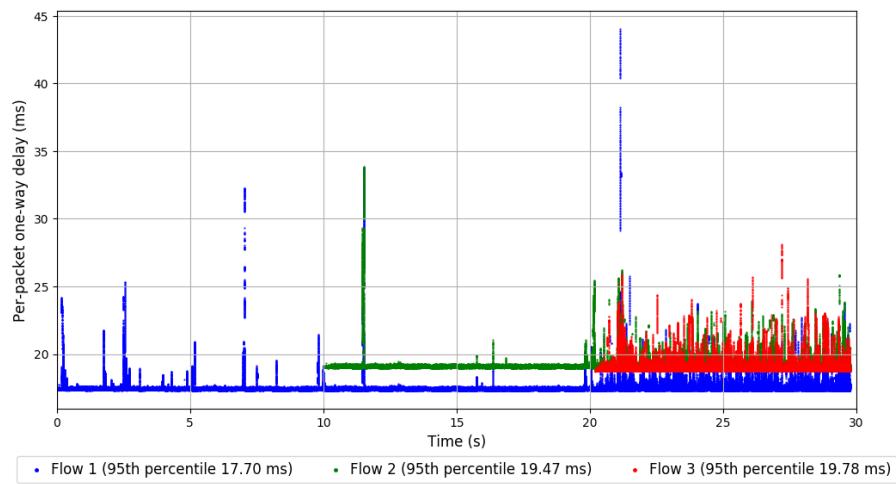
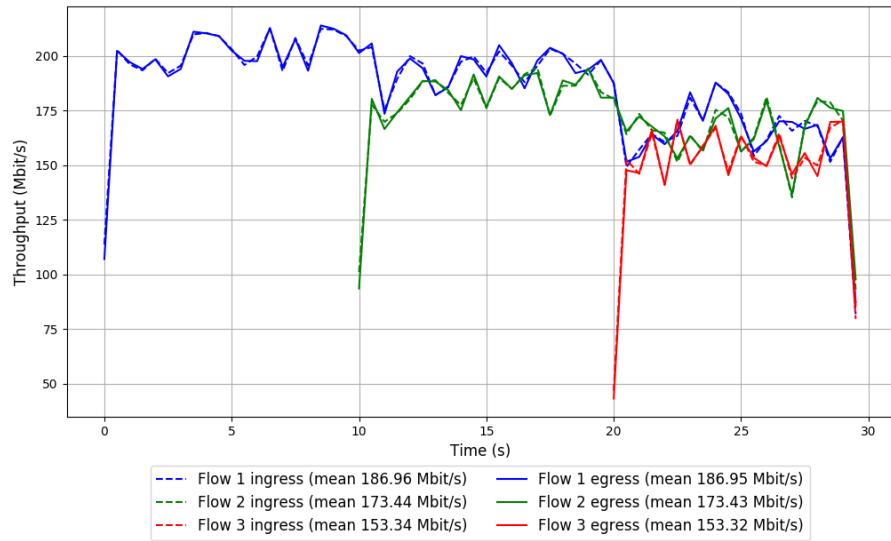


Run 3: Statistics of Indigo

```
Start at: 2017-09-18 04:15:58
End at: 2017-09-18 04:16:29
Local clock offset: 1.011 ms
Remote clock offset: -3.099 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 351.28 Mbit/s
95th percentile per-packet one-way delay: 19.234 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 186.95 Mbit/s
95th percentile per-packet one-way delay: 17.704 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 173.43 Mbit/s
95th percentile per-packet one-way delay: 19.474 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 153.32 Mbit/s
95th percentile per-packet one-way delay: 19.776 ms
Loss rate: 0.02%
```

Run 3: Report of Indigo — Data Link

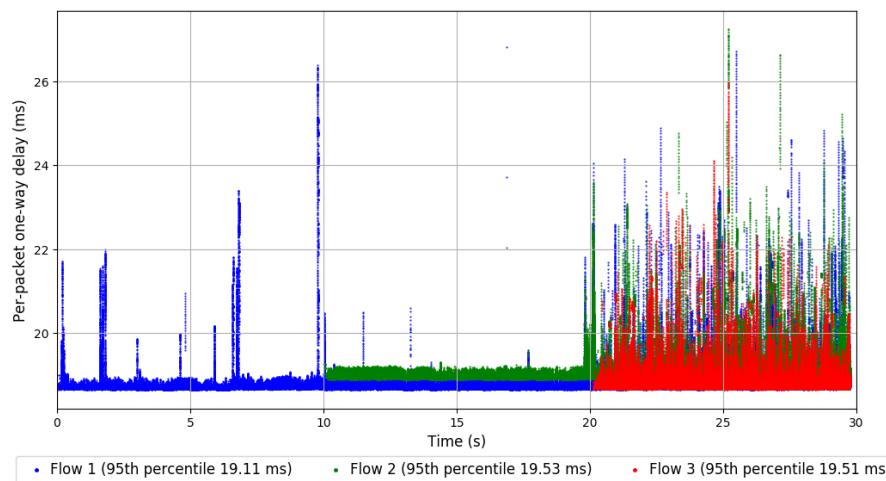
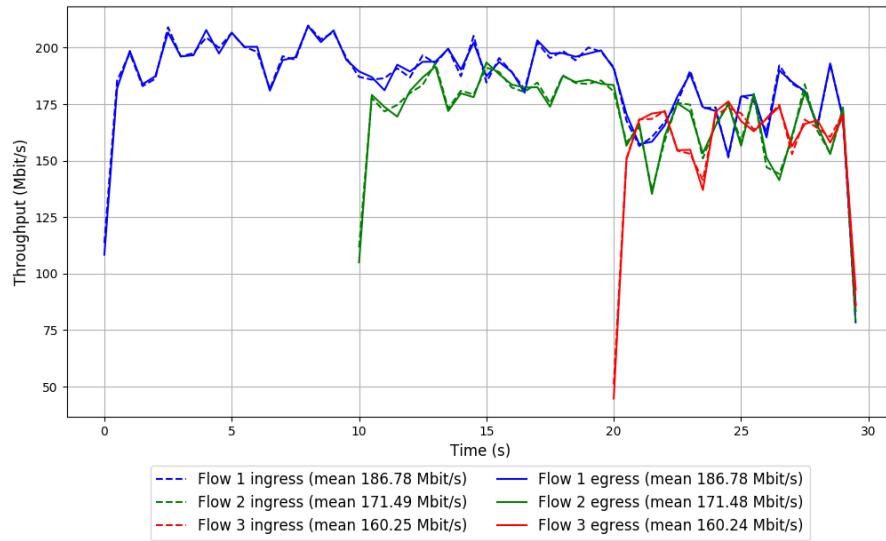


Run 4: Statistics of Indigo

```
Start at: 2017-09-18 04:38:24
End at: 2017-09-18 04:38:54
Local clock offset: 0.755 ms
Remote clock offset: -3.455 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.08 Mbit/s
95th percentile per-packet one-way delay: 19.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.78 Mbit/s
95th percentile per-packet one-way delay: 19.114 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.48 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 160.24 Mbit/s
95th percentile per-packet one-way delay: 19.510 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

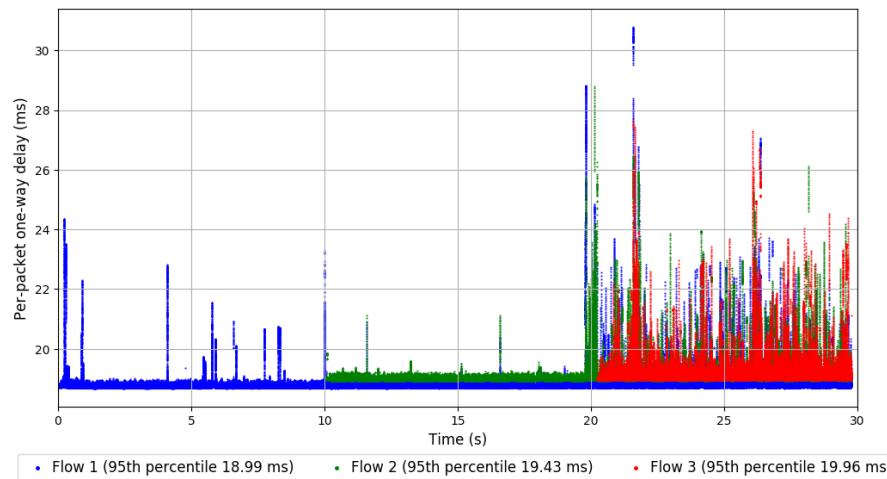
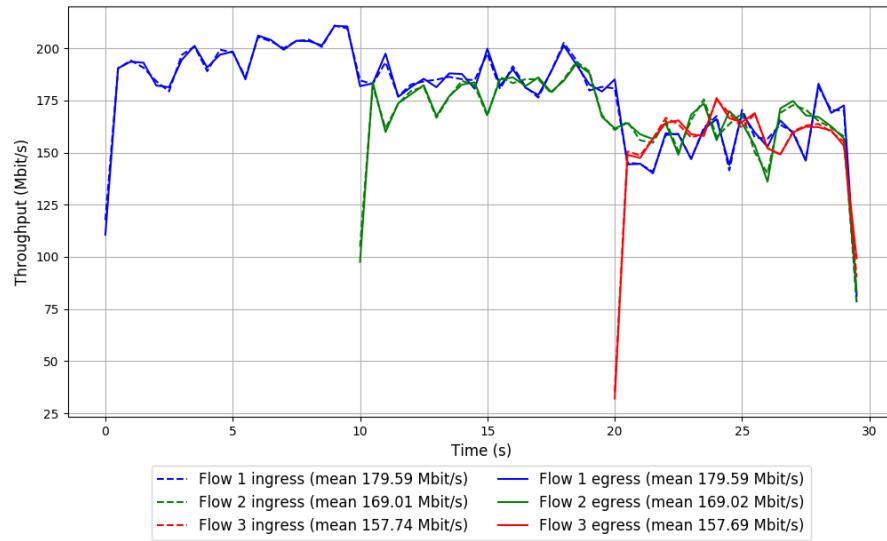


Run 5: Statistics of Indigo

```
Start at: 2017-09-18 05:00:49
End at: 2017-09-18 05:01:19
Local clock offset: 0.673 ms
Remote clock offset: -3.605 ms

# Below is generated by plot.py at 2017-09-18 10:39:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 342.05 Mbit/s
95th percentile per-packet one-way delay: 19.375 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 179.59 Mbit/s
95th percentile per-packet one-way delay: 18.987 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.02 Mbit/s
95th percentile per-packet one-way delay: 19.433 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 157.69 Mbit/s
95th percentile per-packet one-way delay: 19.957 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo — Data Link

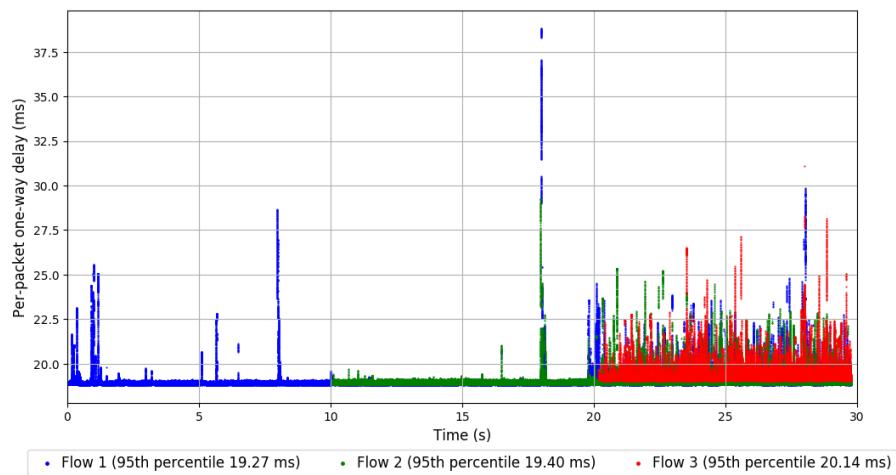
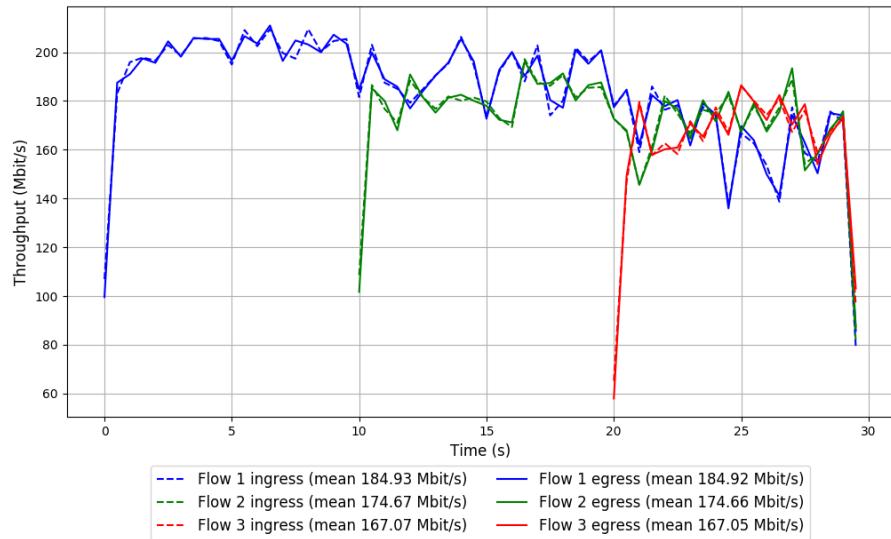


Run 6: Statistics of Indigo

```
Start at: 2017-09-18 05:23:17
End at: 2017-09-18 05:23:47
Local clock offset: 1.028 ms
Remote clock offset: -3.804 ms

# Below is generated by plot.py at 2017-09-18 10:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.66 Mbit/s
95th percentile per-packet one-way delay: 19.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.92 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.66 Mbit/s
95th percentile per-packet one-way delay: 19.401 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 167.05 Mbit/s
95th percentile per-packet one-way delay: 20.145 ms
Loss rate: 0.01%
```

Run 6: Report of Indigo — Data Link

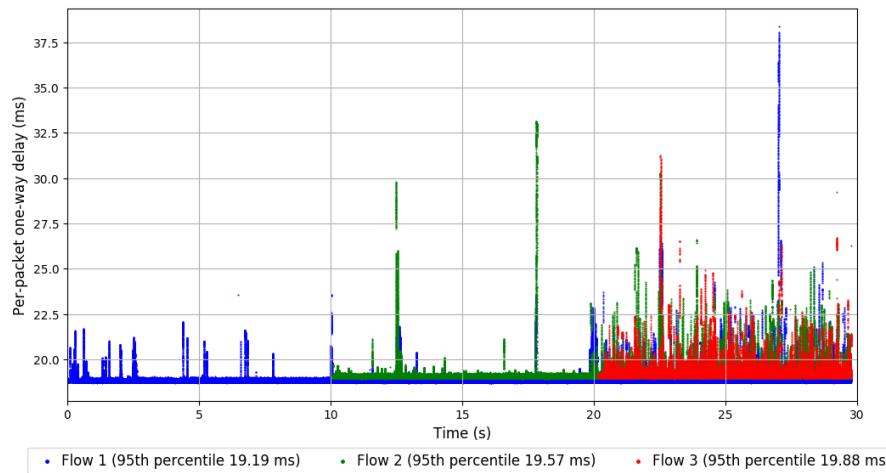
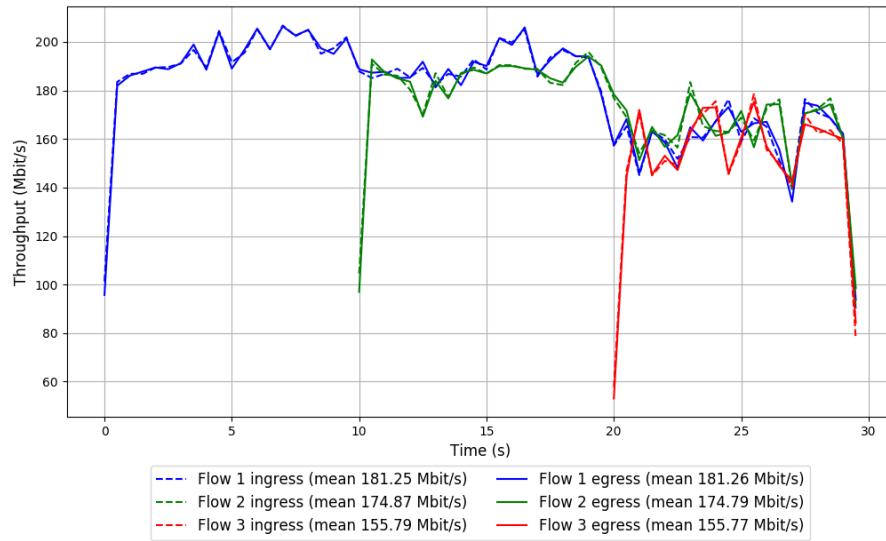


Run 7: Statistics of Indigo

```
Start at: 2017-09-18 05:45:52
End at: 2017-09-18 05:46:22
Local clock offset: 1.051 ms
Remote clock offset: -3.976 ms

# Below is generated by plot.py at 2017-09-18 10:40:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.23 Mbit/s
95th percentile per-packet one-way delay: 19.481 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 181.26 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.79 Mbit/s
95th percentile per-packet one-way delay: 19.574 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 155.77 Mbit/s
95th percentile per-packet one-way delay: 19.876 ms
Loss rate: 0.01%
```

Run 7: Report of Indigo — Data Link

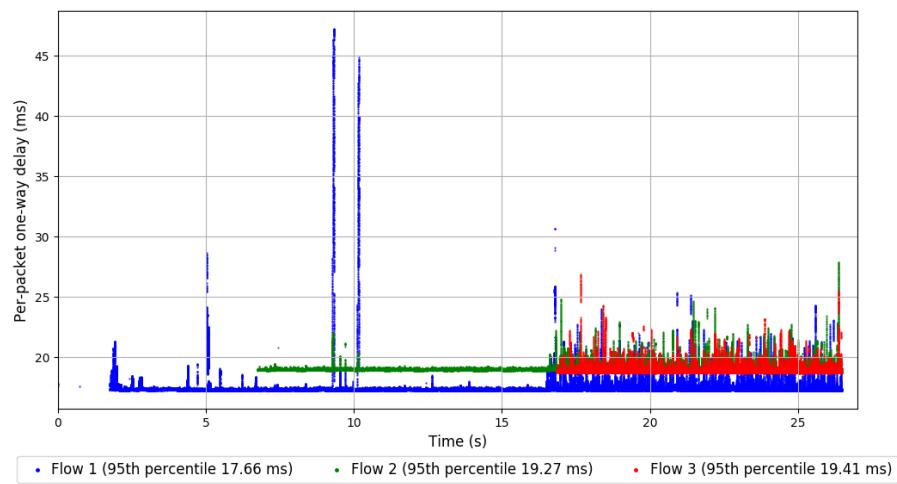
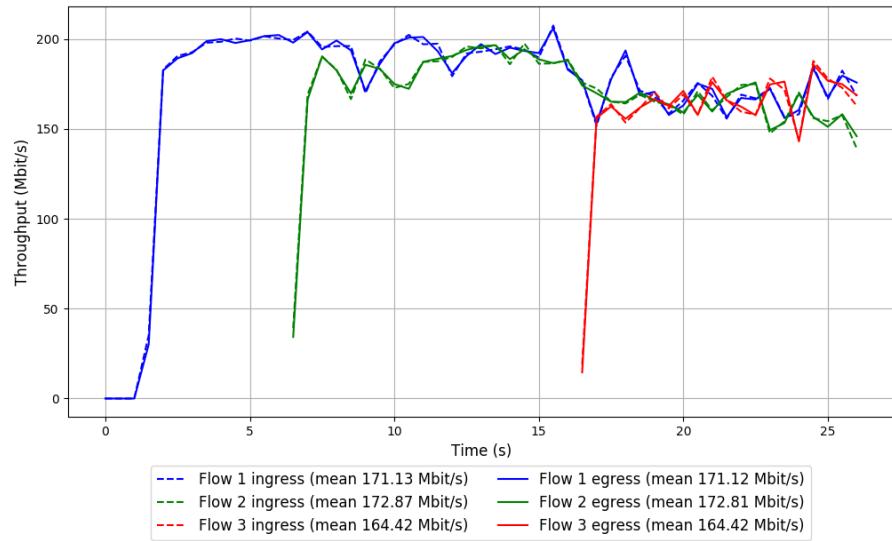


Run 8: Statistics of Indigo

```
Start at: 2017-09-18 06:08:14
End at: 2017-09-18 06:08:44
Local clock offset: 0.988 ms
Remote clock offset: -3.922 ms

# Below is generated by plot.py at 2017-09-18 10:40:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.92 Mbit/s
95th percentile per-packet one-way delay: 19.140 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 171.12 Mbit/s
95th percentile per-packet one-way delay: 17.664 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 172.81 Mbit/s
95th percentile per-packet one-way delay: 19.267 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 164.42 Mbit/s
95th percentile per-packet one-way delay: 19.415 ms
Loss rate: 0.01%
```

Run 8: Report of Indigo — Data Link

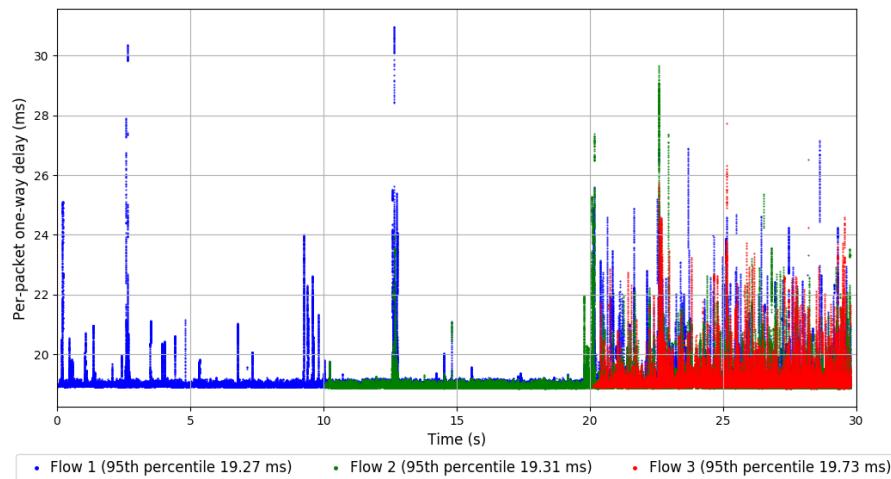
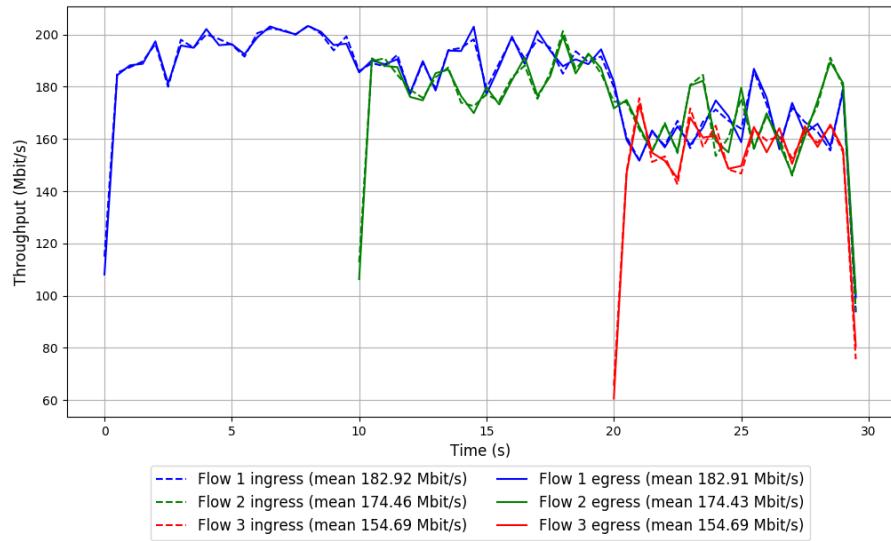


Run 9: Statistics of Indigo

```
Start at: 2017-09-18 06:30:37
End at: 2017-09-18 06:31:07
Local clock offset: 0.517 ms
Remote clock offset: -3.522 ms

# Below is generated by plot.py at 2017-09-18 10:41:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 348.45 Mbit/s
95th percentile per-packet one-way delay: 19.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.91 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 174.43 Mbit/s
95th percentile per-packet one-way delay: 19.307 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 154.69 Mbit/s
95th percentile per-packet one-way delay: 19.731 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

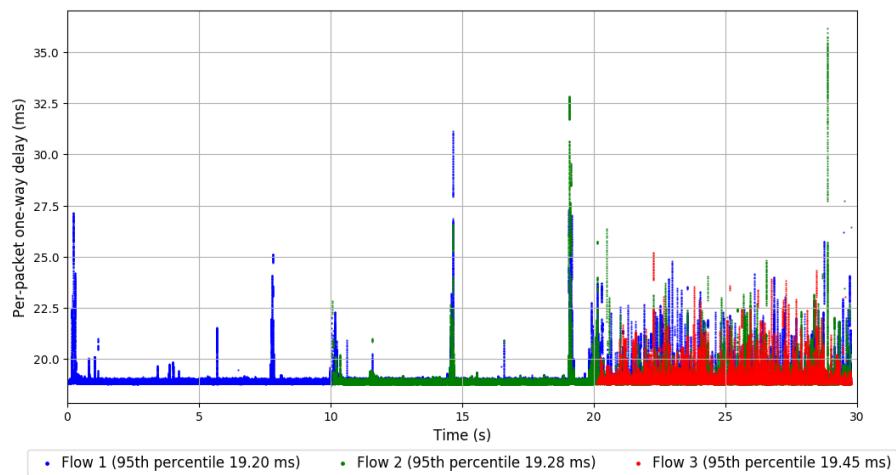
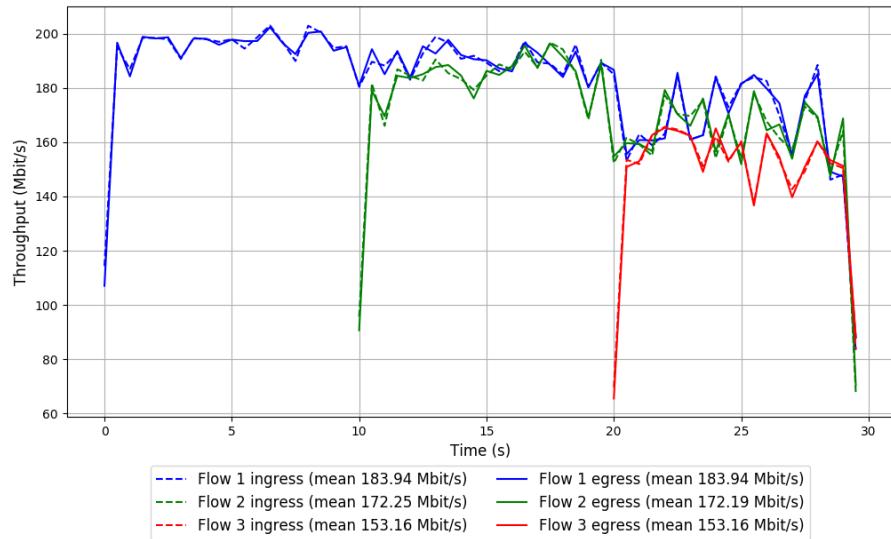


Run 10: Statistics of Indigo

```
Start at: 2017-09-18 06:53:21
End at: 2017-09-18 06:53:51
Local clock offset: 0.024 ms
Remote clock offset: -3.259 ms

# Below is generated by plot.py at 2017-09-18 10:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.67 Mbit/s
95th percentile per-packet one-way delay: 19.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 183.94 Mbit/s
95th percentile per-packet one-way delay: 19.203 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.19 Mbit/s
95th percentile per-packet one-way delay: 19.284 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 153.16 Mbit/s
95th percentile per-packet one-way delay: 19.453 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

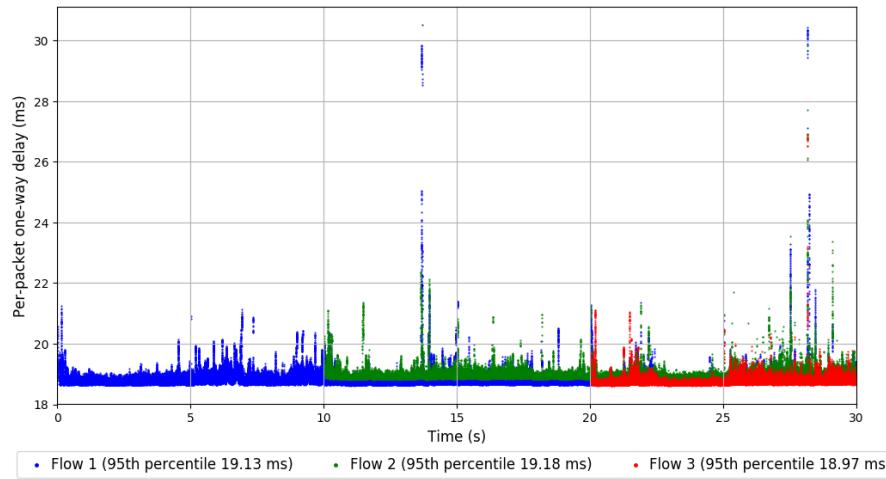
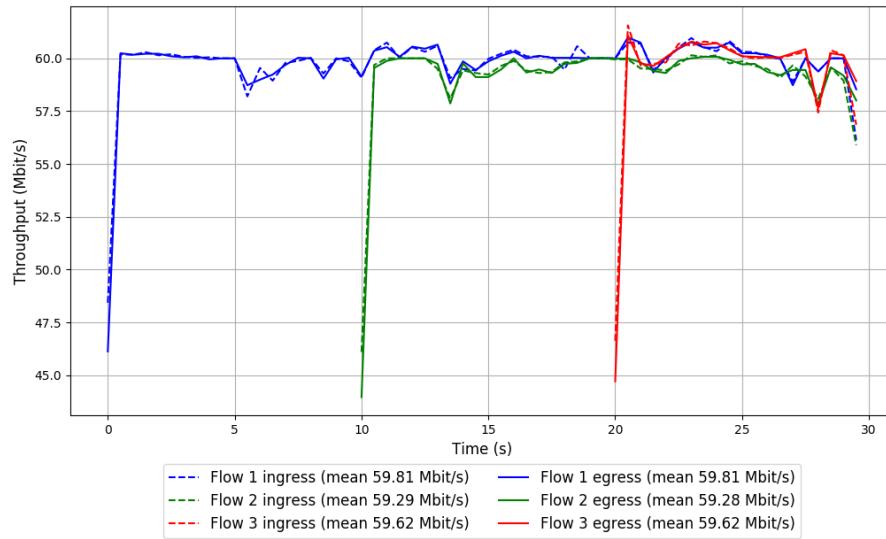


Run 1: Statistics of KohoCC

```
Start at: 2017-09-18 03:21:12
End at: 2017-09-18 03:21:42
Local clock offset: -3.332 ms
Remote clock offset: -1.862 ms

# Below is generated by plot.py at 2017-09-18 10:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.07 Mbit/s
95th percentile per-packet one-way delay: 19.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.81 Mbit/s
95th percentile per-packet one-way delay: 19.132 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.28 Mbit/s
95th percentile per-packet one-way delay: 19.177 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 18.967 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

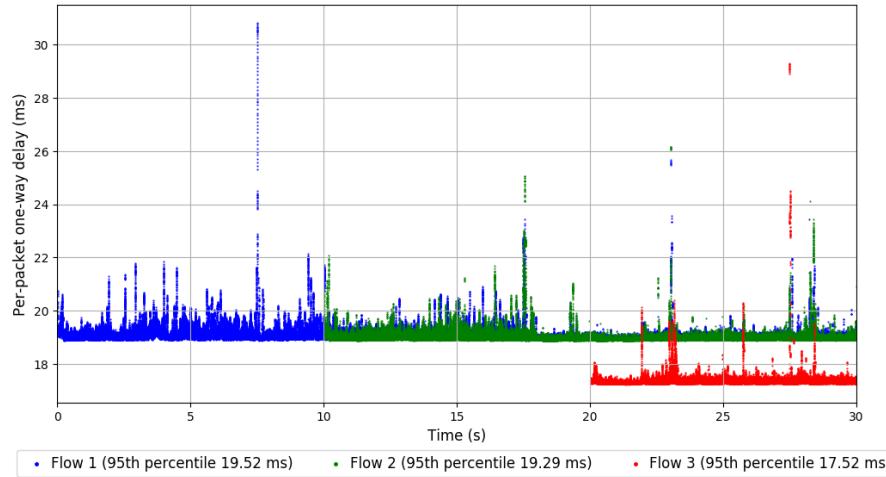
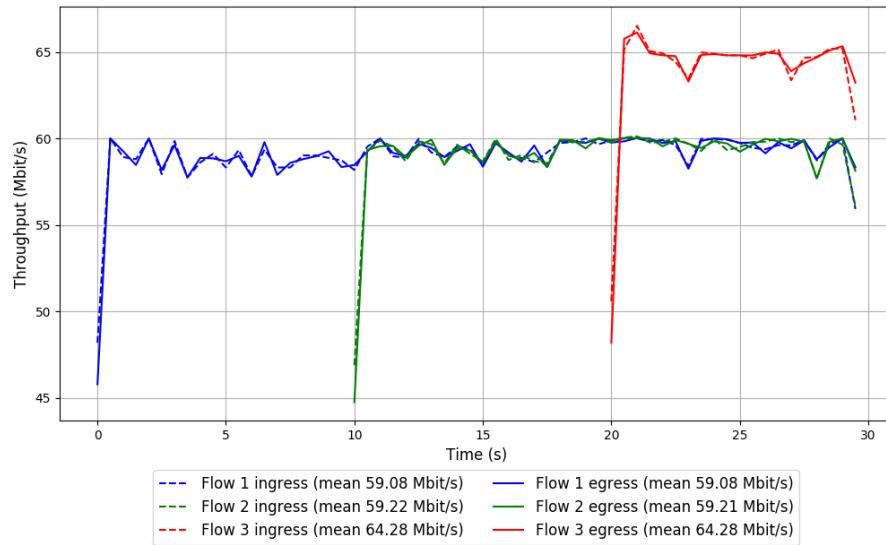


Run 2: Statistics of KohoCC

```
Start at: 2017-09-18 03:43:42
End at: 2017-09-18 03:44:12
Local clock offset: -1.755 ms
Remote clock offset: -2.433 ms

# Below is generated by plot.py at 2017-09-18 10:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.84 Mbit/s
95th percentile per-packet one-way delay: 19.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 19.524 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.28 Mbit/s
95th percentile per-packet one-way delay: 17.521 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

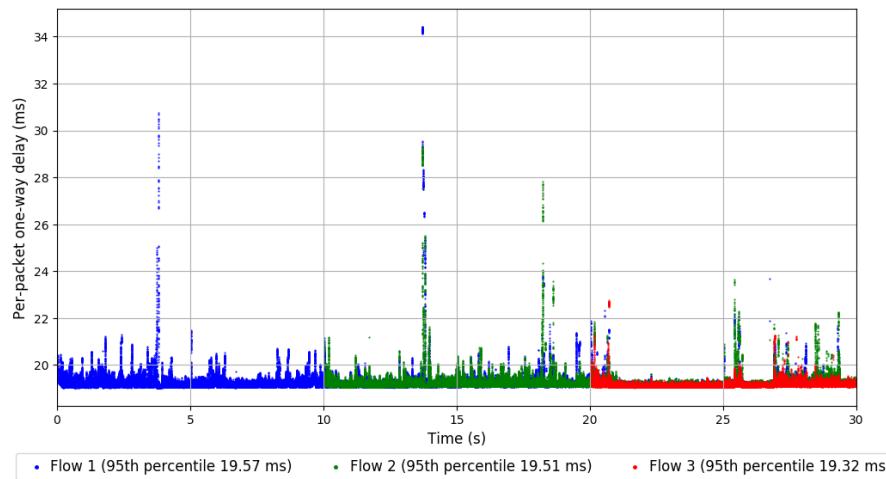
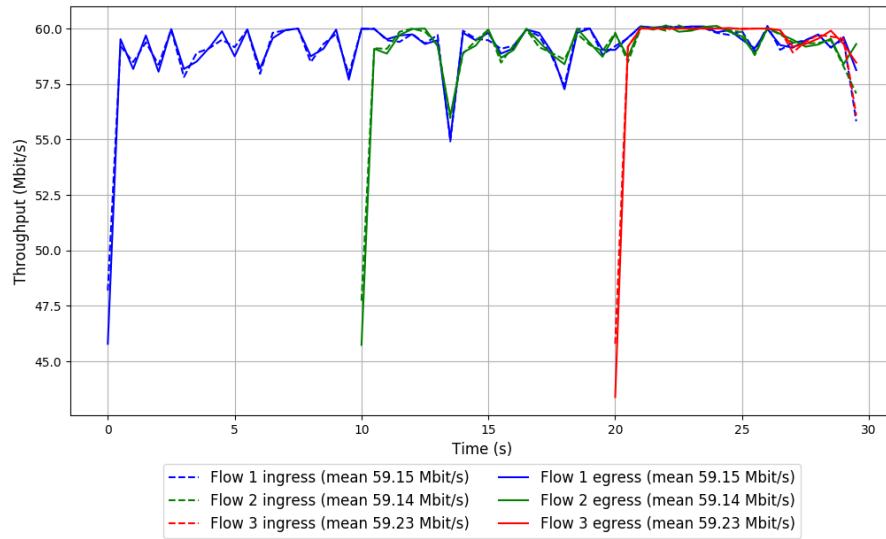


Run 3: Statistics of KohoCC

```
Start at: 2017-09-18 04:06:16
End at: 2017-09-18 04:06:46
Local clock offset: 0.906 ms
Remote clock offset: -2.964 ms

# Below is generated by plot.py at 2017-09-18 10:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.20 Mbit/s
95th percentile per-packet one-way delay: 19.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 19.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 19.511 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.23 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

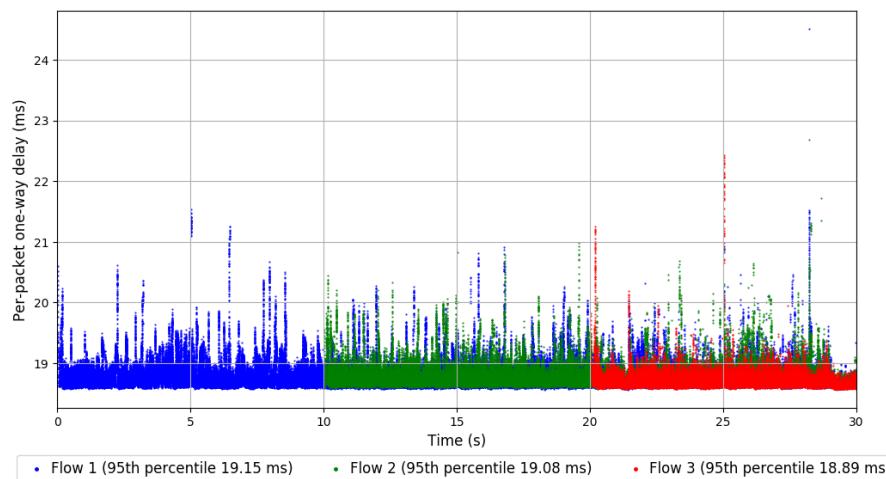
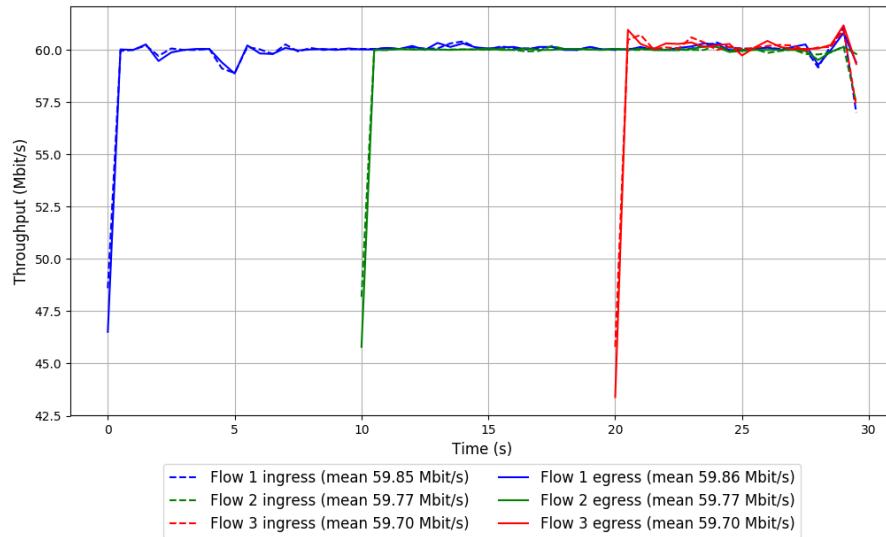


Run 4: Statistics of KohoCC

```
Start at: 2017-09-18 04:28:43
End at: 2017-09-18 04:29:13
Local clock offset: 0.899 ms
Remote clock offset: -3.261 ms

# Below is generated by plot.py at 2017-09-18 10:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.47 Mbit/s
95th percentile per-packet one-way delay: 19.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 19.151 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 19.078 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.70 Mbit/s
95th percentile per-packet one-way delay: 18.890 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

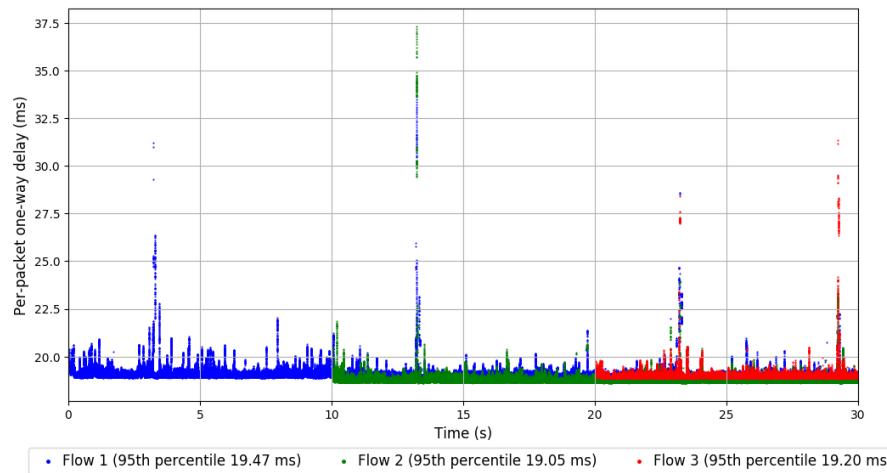
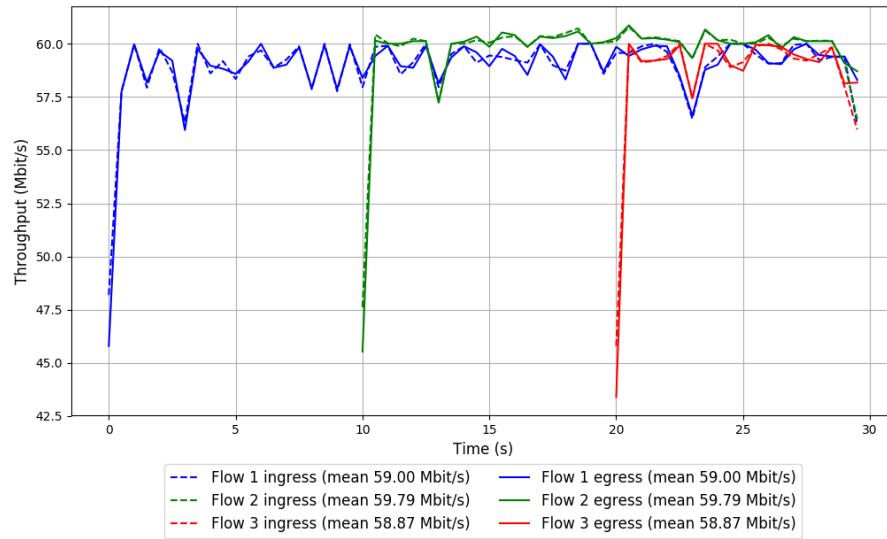


Run 5: Statistics of KohoCC

```
Start at: 2017-09-18 04:51:12
End at: 2017-09-18 04:51:42
Local clock offset: 0.649 ms
Remote clock offset: -3.59 ms

# Below is generated by plot.py at 2017-09-18 10:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.33 Mbit/s
95th percentile per-packet one-way delay: 19.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.00 Mbit/s
95th percentile per-packet one-way delay: 19.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.79 Mbit/s
95th percentile per-packet one-way delay: 19.048 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 19.198 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

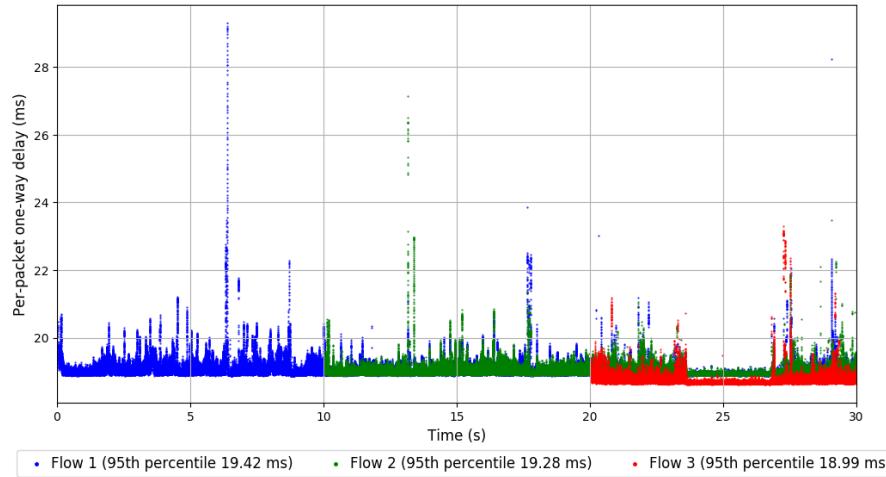
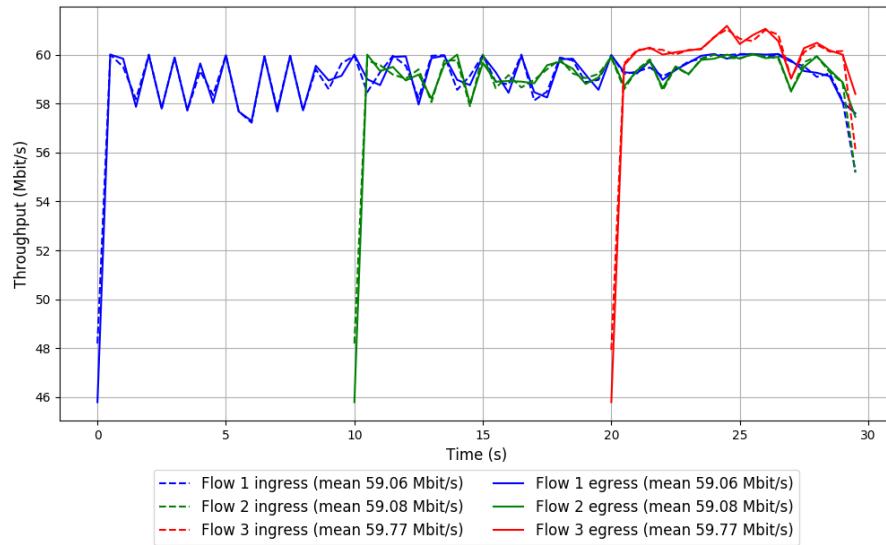


Run 6: Statistics of KohoCC

```
Start at: 2017-09-18 05:13:38
End at: 2017-09-18 05:14:08
Local clock offset: 1.103 ms
Remote clock offset: -3.682 ms

# Below is generated by plot.py at 2017-09-18 10:42:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.25 Mbit/s
95th percentile per-packet one-way delay: 19.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 19.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 19.278 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 18.992 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

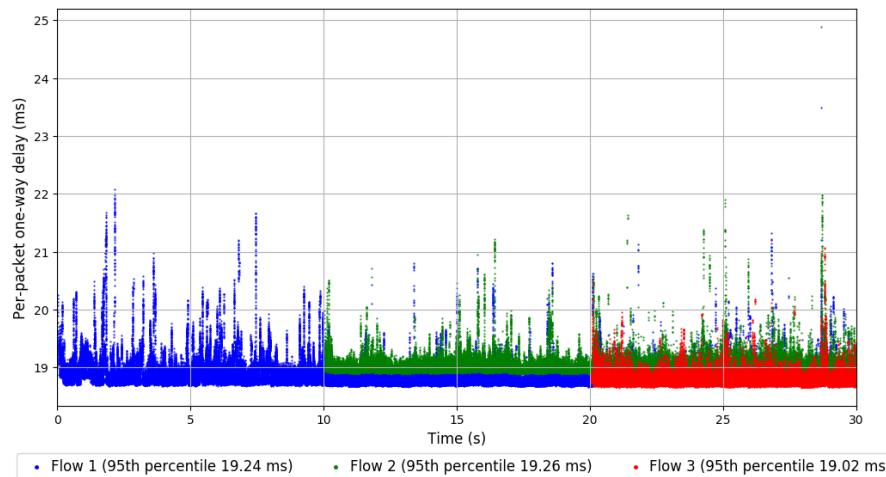
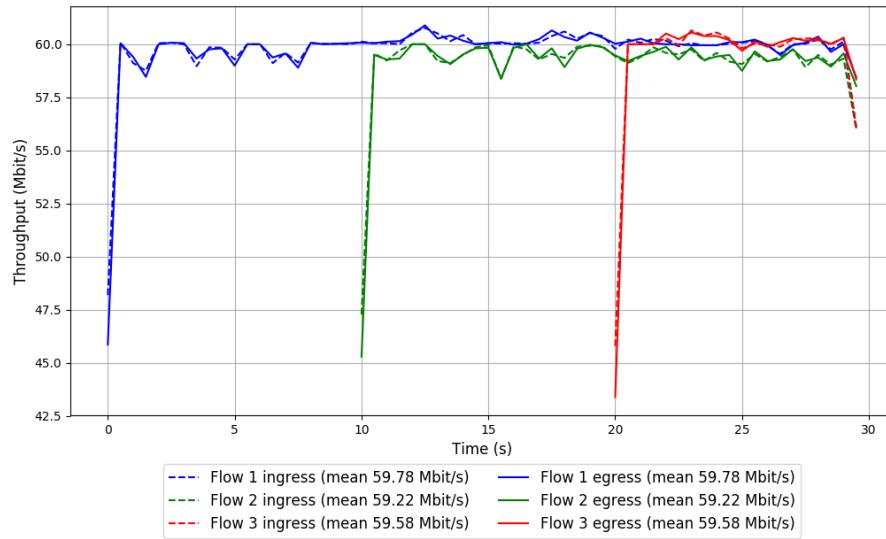


Run 7: Statistics of KohoCC

```
Start at: 2017-09-18 05:36:06
End at: 2017-09-18 05:36:36
Local clock offset: 1.097 ms
Remote clock offset: -3.856 ms

# Below is generated by plot.py at 2017-09-18 10:42:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.98 Mbit/s
95th percentile per-packet one-way delay: 19.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: 19.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 19.017 ms
Loss rate: 0.00%
```

Run 7: Report of KohoCC — Data Link

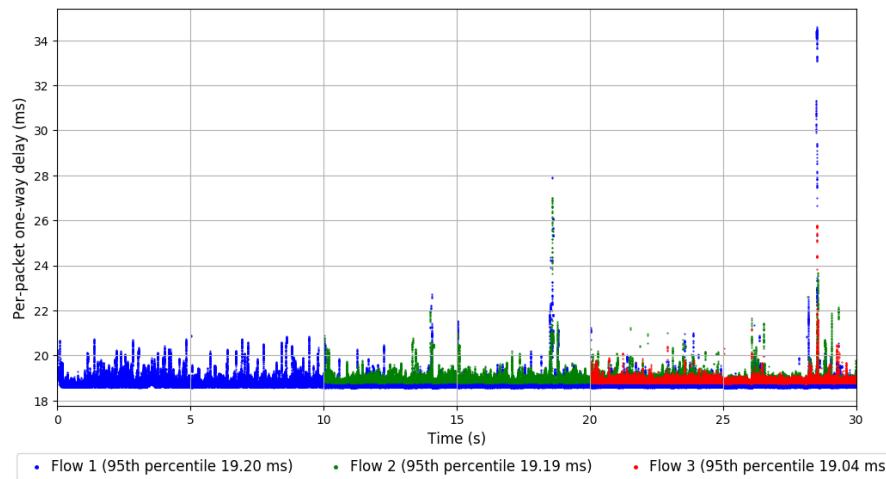
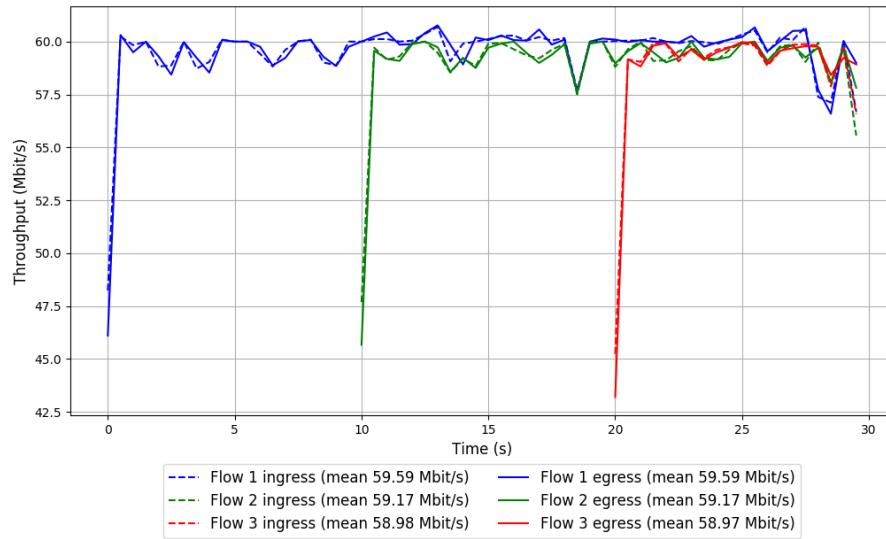


Run 8: Statistics of KohoCC

```
Start at: 2017-09-18 05:58:41
End at: 2017-09-18 05:59:11
Local clock offset: 1.19 ms
Remote clock offset: -3.964 ms

# Below is generated by plot.py at 2017-09-18 10:42:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.54 Mbit/s
95th percentile per-packet one-way delay: 19.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 19.199 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 19.040 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

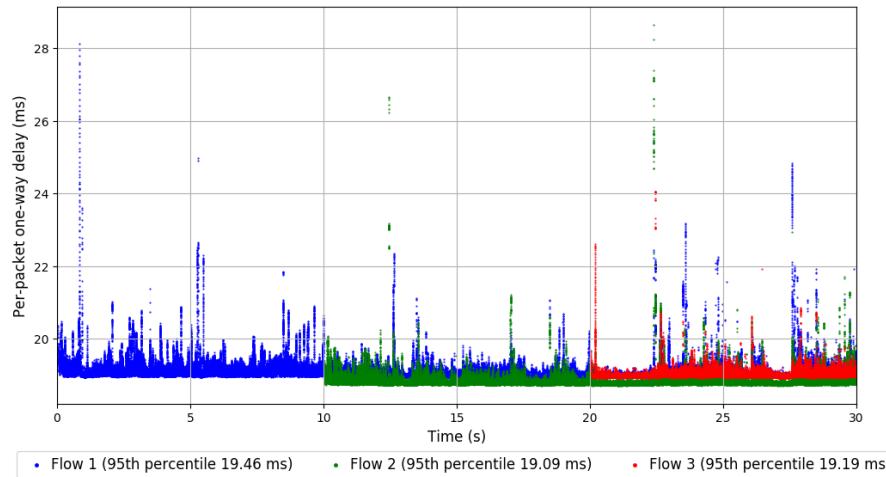
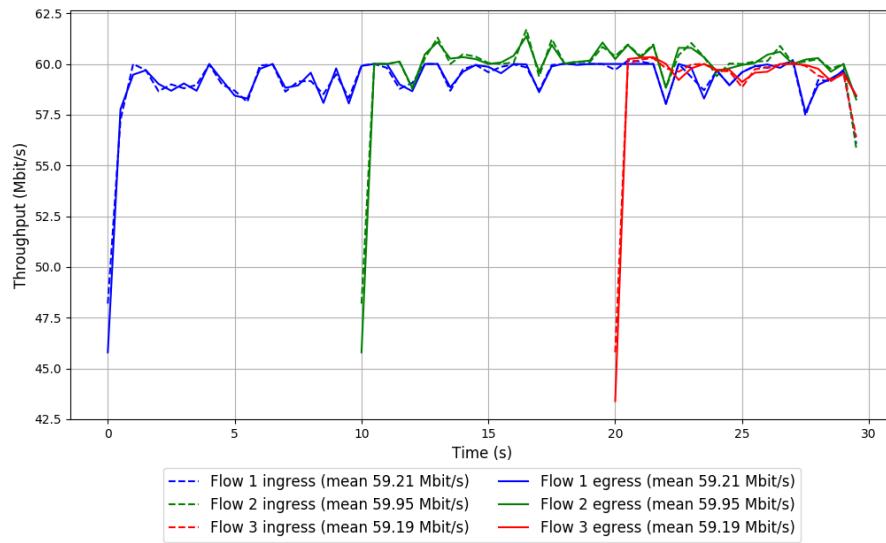


Run 9: Statistics of KohoCC

```
Start at: 2017-09-18 06:20:57
End at: 2017-09-18 06:21:27
Local clock offset: 0.816 ms
Remote clock offset: -3.61 ms

# Below is generated by plot.py at 2017-09-18 10:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.78 Mbit/s
95th percentile per-packet one-way delay: 19.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 19.463 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 19.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 19.187 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

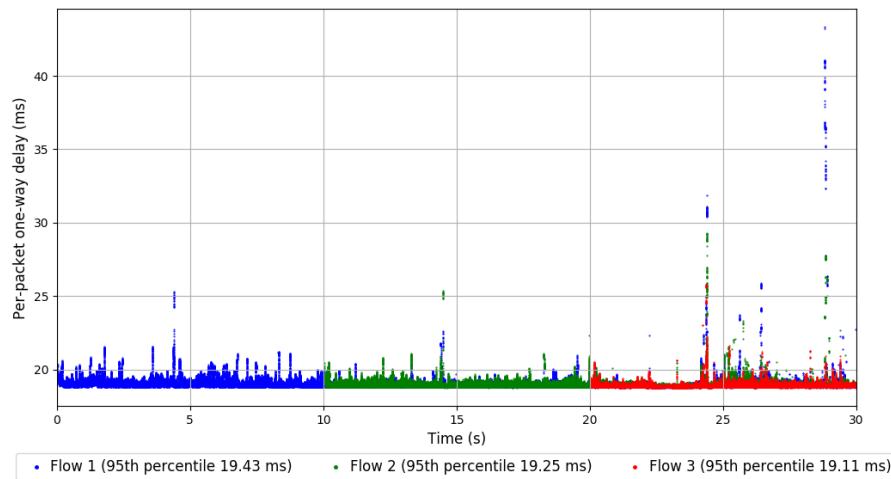
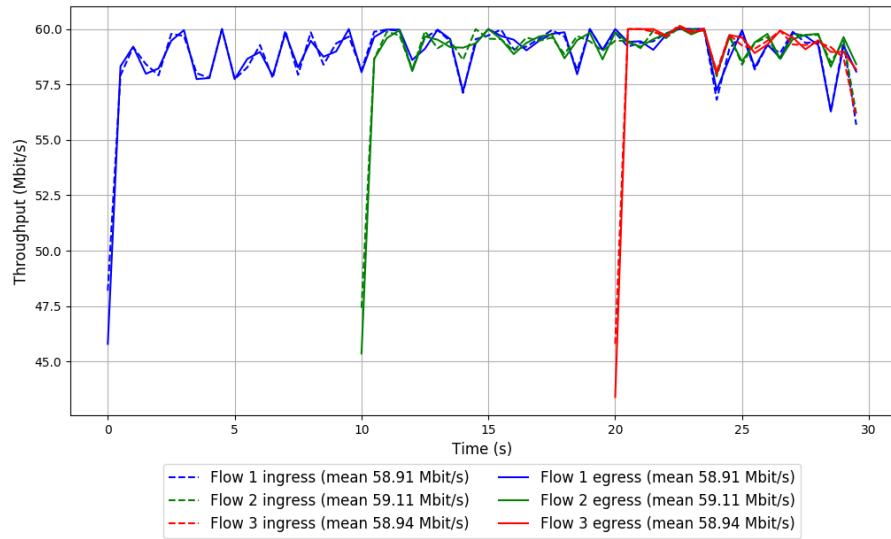


Run 10: Statistics of KohoCC

```
Start at: 2017-09-18 06:43:35
End at: 2017-09-18 06:44:05
Local clock offset: 0.256 ms
Remote clock offset: -3.387 ms

# Below is generated by plot.py at 2017-09-18 10:43:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.84 Mbit/s
95th percentile per-packet one-way delay: 19.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 19.427 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 19.249 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 19.107 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

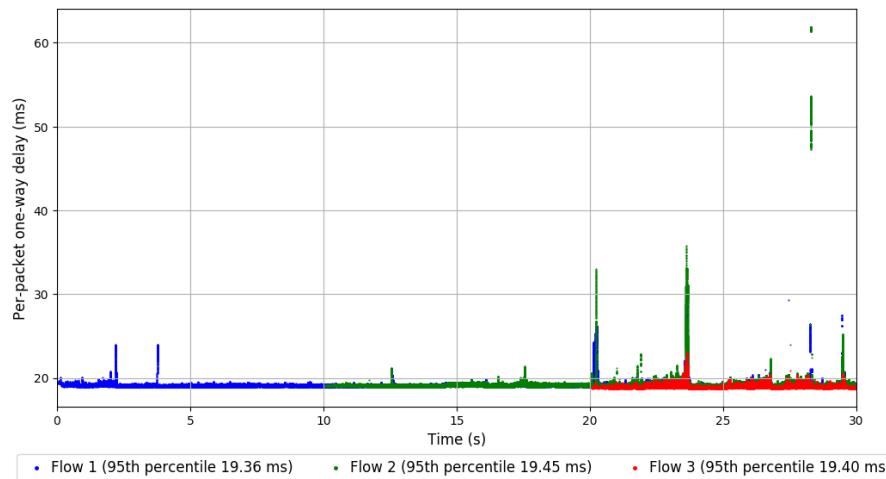
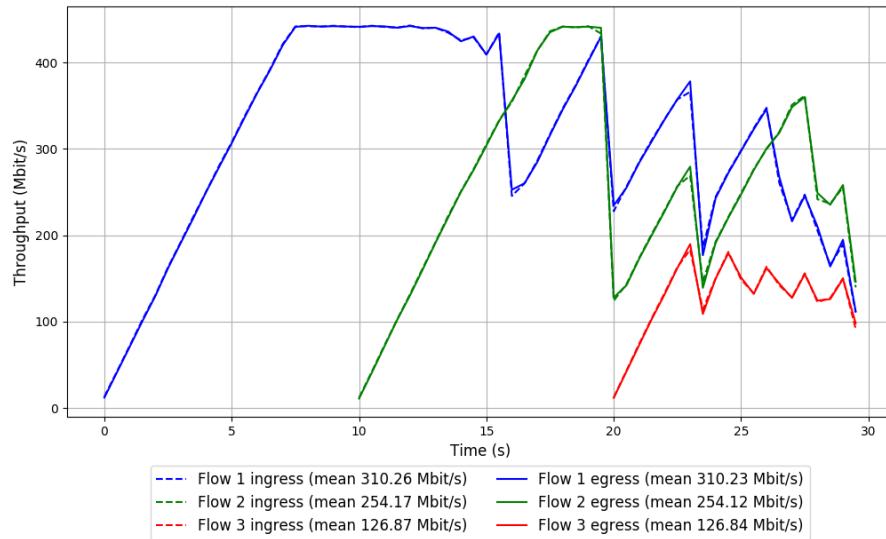


Run 1: Statistics of LEDBAT

```
Start at: 2017-09-18 03:35:38
End at: 2017-09-18 03:36:08
Local clock offset: -2.245 ms
Remote clock offset: -2.276 ms

# Below is generated by plot.py at 2017-09-18 10:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 521.41 Mbit/s
95th percentile per-packet one-way delay: 19.393 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 310.23 Mbit/s
95th percentile per-packet one-way delay: 19.358 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 254.12 Mbit/s
95th percentile per-packet one-way delay: 19.447 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 126.84 Mbit/s
95th percentile per-packet one-way delay: 19.396 ms
Loss rate: 0.02%
```

Run 1: Report of LEDBAT — Data Link

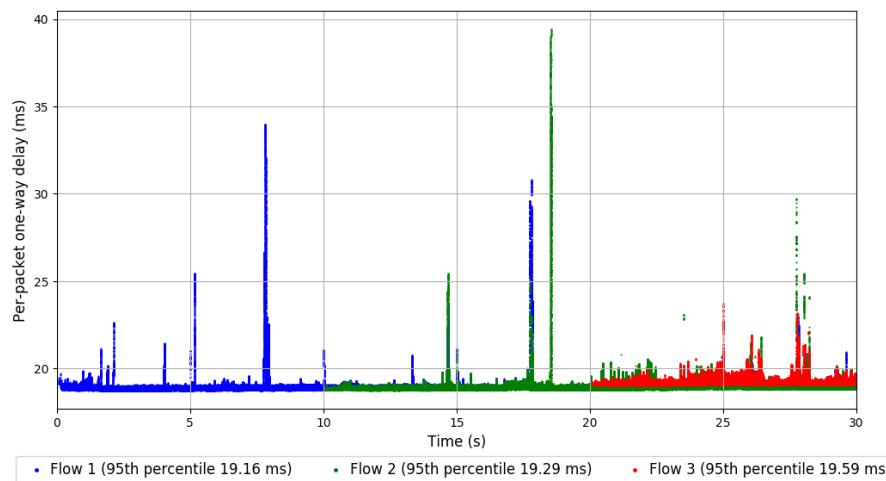
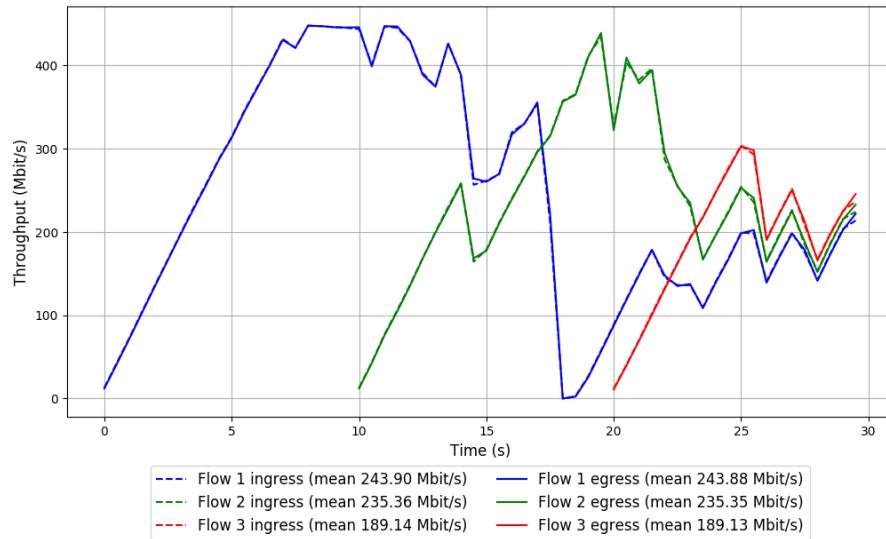


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-18 03:58:17
End at: 2017-09-18 03:58:47
Local clock offset: -0.292 ms
Remote clock offset: -2.783 ms

# Below is generated by plot.py at 2017-09-18 10:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 463.28 Mbit/s
95th percentile per-packet one-way delay: 19.381 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 243.88 Mbit/s
95th percentile per-packet one-way delay: 19.158 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 235.35 Mbit/s
95th percentile per-packet one-way delay: 19.288 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 189.13 Mbit/s
95th percentile per-packet one-way delay: 19.586 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link

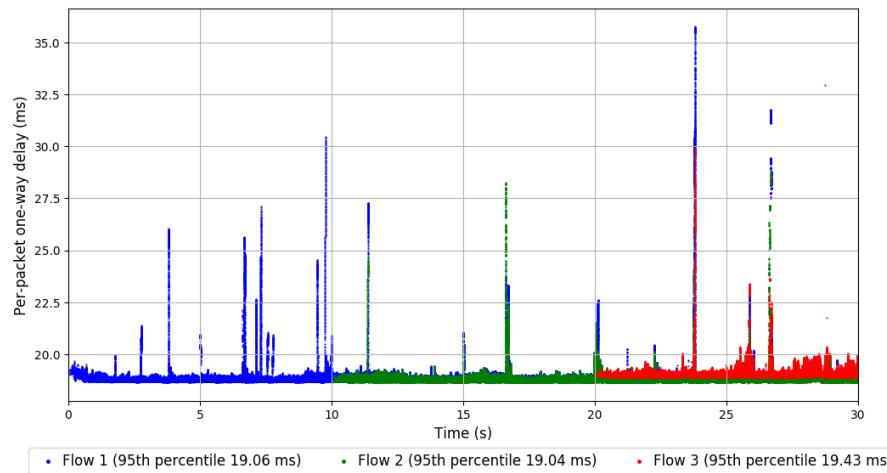
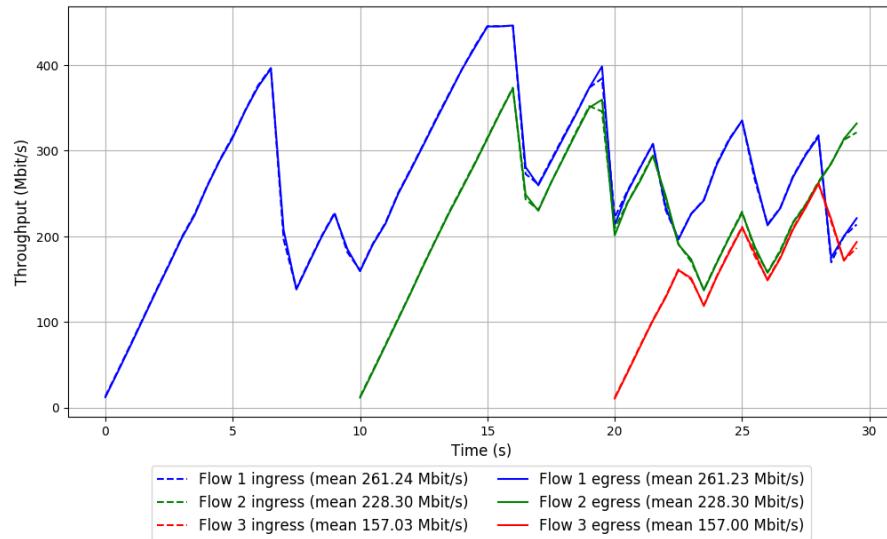


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-18 04:20:38
End at: 2017-09-18 04:21:08
Local clock offset: 1.01 ms
Remote clock offset: -3.015 ms

# Below is generated by plot.py at 2017-09-18 10:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 465.30 Mbit/s
95th percentile per-packet one-way delay: 19.139 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 261.23 Mbit/s
95th percentile per-packet one-way delay: 19.056 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 228.30 Mbit/s
95th percentile per-packet one-way delay: 19.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.00 Mbit/s
95th percentile per-packet one-way delay: 19.425 ms
Loss rate: 0.02%
```

Run 3: Report of LEDBAT — Data Link

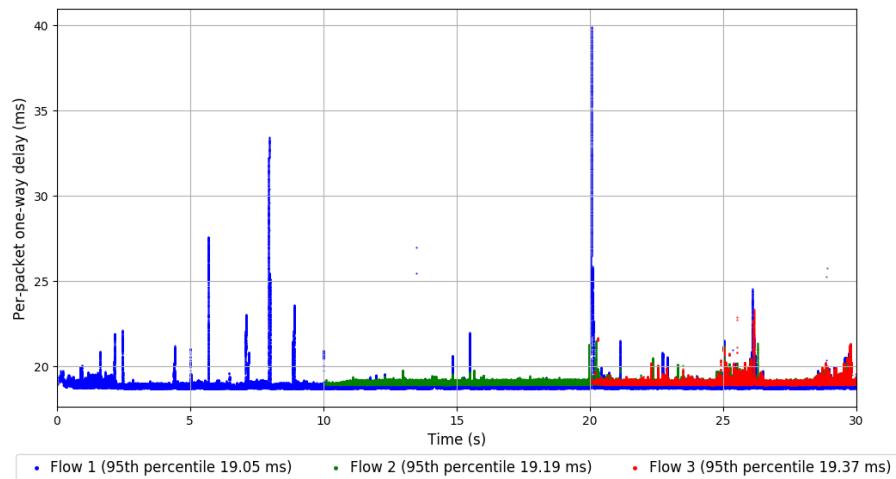
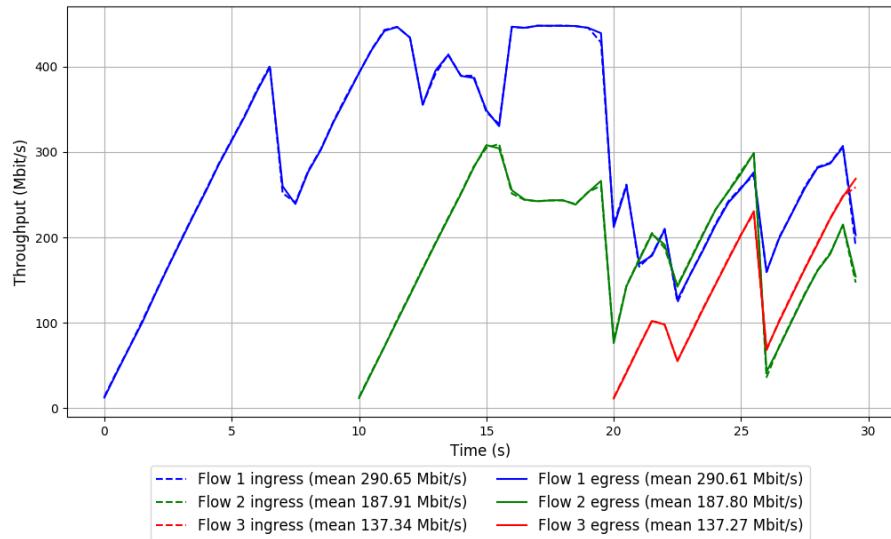


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-18 04:43:10
End at: 2017-09-18 04:43:40
Local clock offset: 0.667 ms
Remote clock offset: -3.553 ms

# Below is generated by plot.py at 2017-09-18 10:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 461.20 Mbit/s
95th percentile per-packet one-way delay: 19.165 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 290.61 Mbit/s
95th percentile per-packet one-way delay: 19.045 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 187.80 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 137.27 Mbit/s
95th percentile per-packet one-way delay: 19.370 ms
Loss rate: 0.04%
```

Run 4: Report of LEDBAT — Data Link

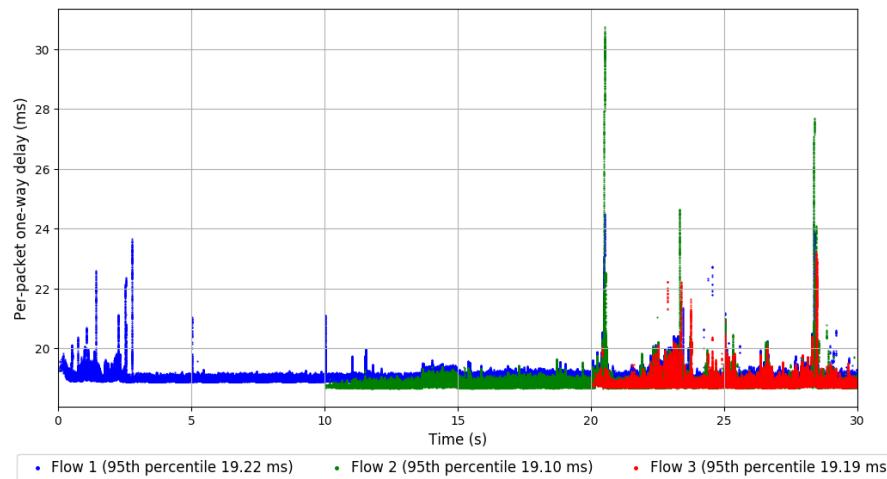
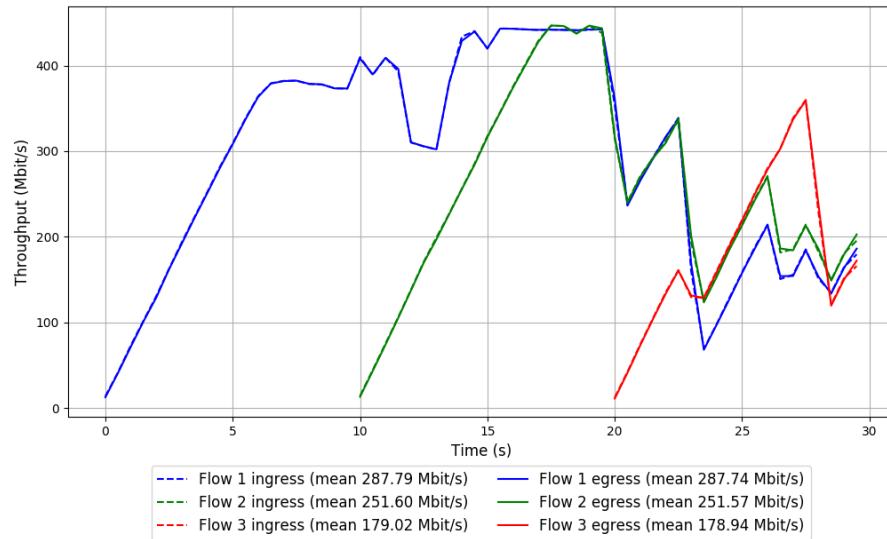


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-18 05:05:41
End at: 2017-09-18 05:06:11
Local clock offset: 0.814 ms
Remote clock offset: -3.615 ms

# Below is generated by plot.py at 2017-09-18 10:49:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 514.65 Mbit/s
95th percentile per-packet one-way delay: 19.201 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 287.74 Mbit/s
95th percentile per-packet one-way delay: 19.220 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 251.57 Mbit/s
95th percentile per-packet one-way delay: 19.097 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 178.94 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.04%
```

Run 5: Report of LEDBAT — Data Link

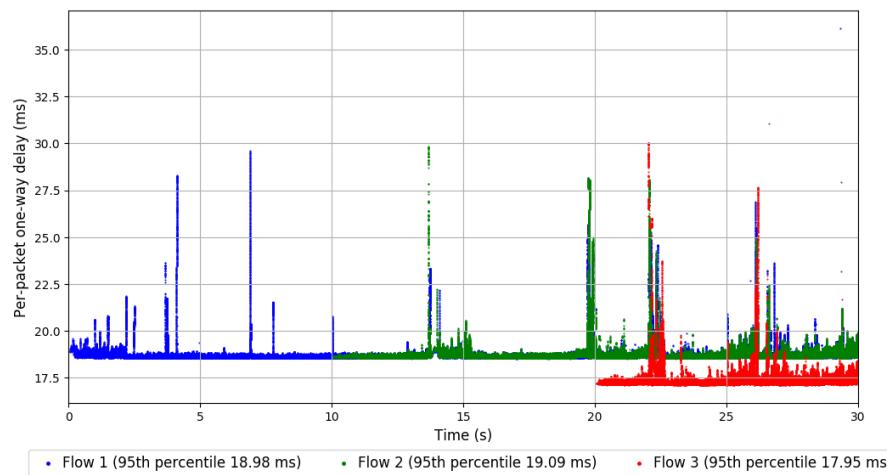
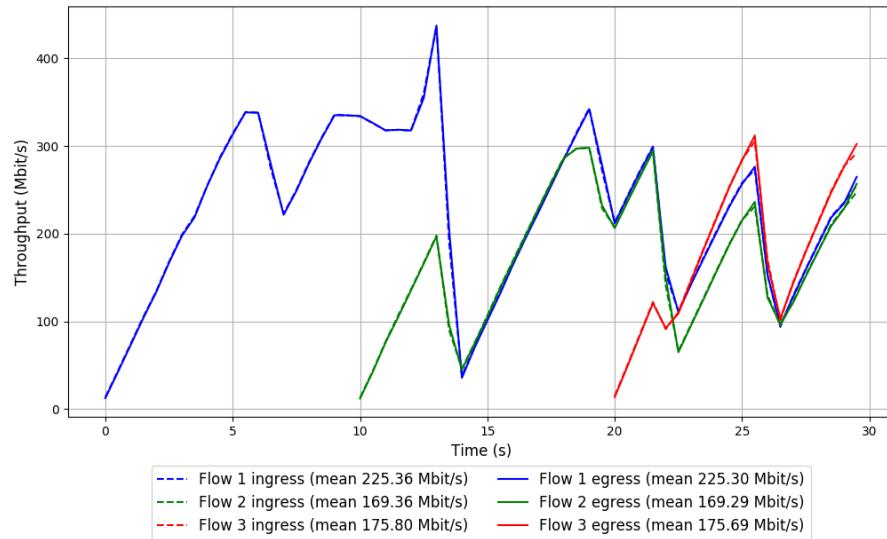


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-18 05:28:06
End at: 2017-09-18 05:28:36
Local clock offset: 1.193 ms
Remote clock offset: -3.887 ms

# Below is generated by plot.py at 2017-09-18 10:49:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.33 Mbit/s
95th percentile per-packet one-way delay: 18.983 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 225.30 Mbit/s
95th percentile per-packet one-way delay: 18.983 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 169.29 Mbit/s
95th percentile per-packet one-way delay: 19.088 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 175.69 Mbit/s
95th percentile per-packet one-way delay: 17.946 ms
Loss rate: 0.05%
```

Run 6: Report of LEDBAT — Data Link

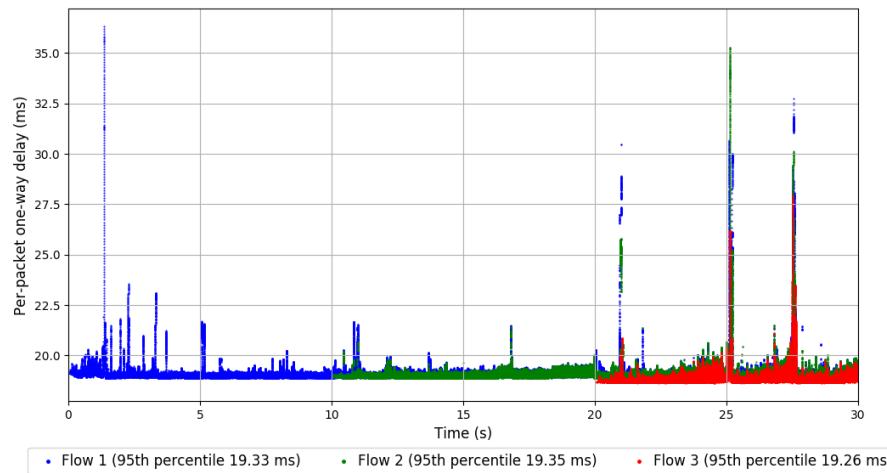
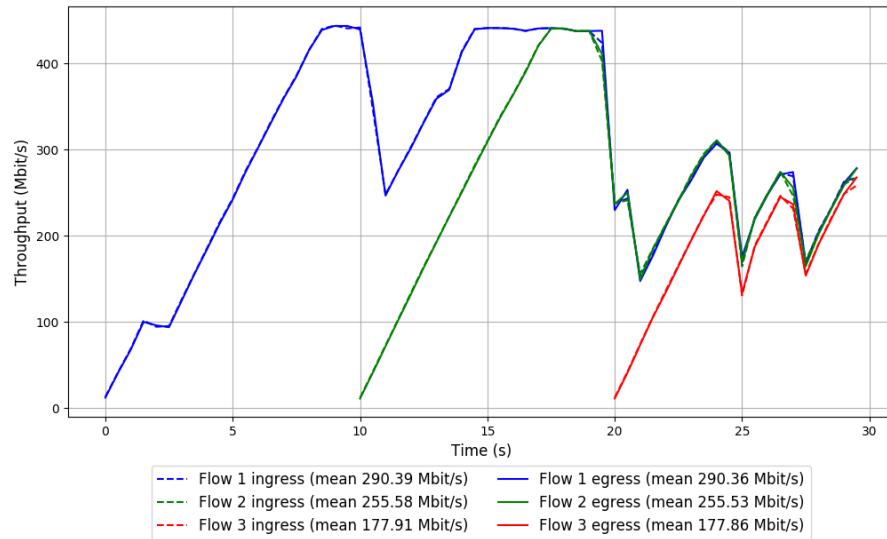


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-18 05:50:39
End at: 2017-09-18 05:51:09
Local clock offset: 1.171 ms
Remote clock offset: -3.943 ms

# Below is generated by plot.py at 2017-09-18 10:50:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 519.46 Mbit/s
95th percentile per-packet one-way delay: 19.334 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 290.36 Mbit/s
95th percentile per-packet one-way delay: 19.331 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 255.53 Mbit/s
95th percentile per-packet one-way delay: 19.349 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 177.86 Mbit/s
95th percentile per-packet one-way delay: 19.259 ms
Loss rate: 0.02%
```

Run 7: Report of LEDBAT — Data Link

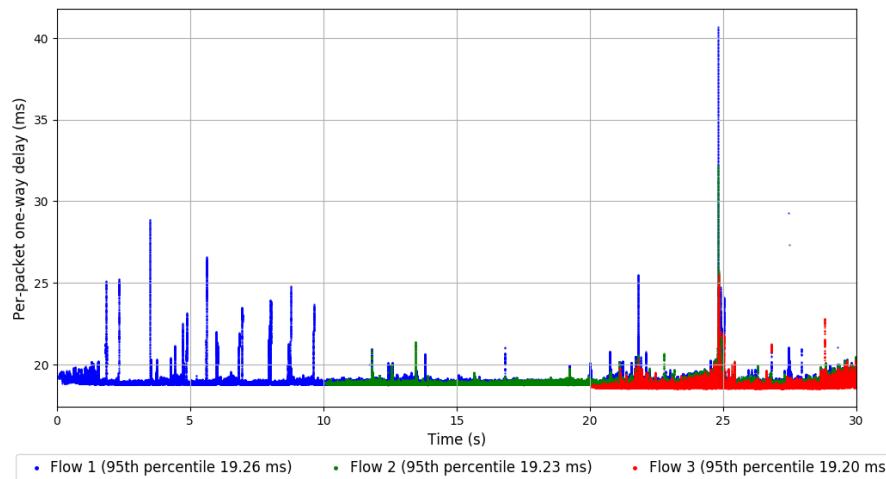
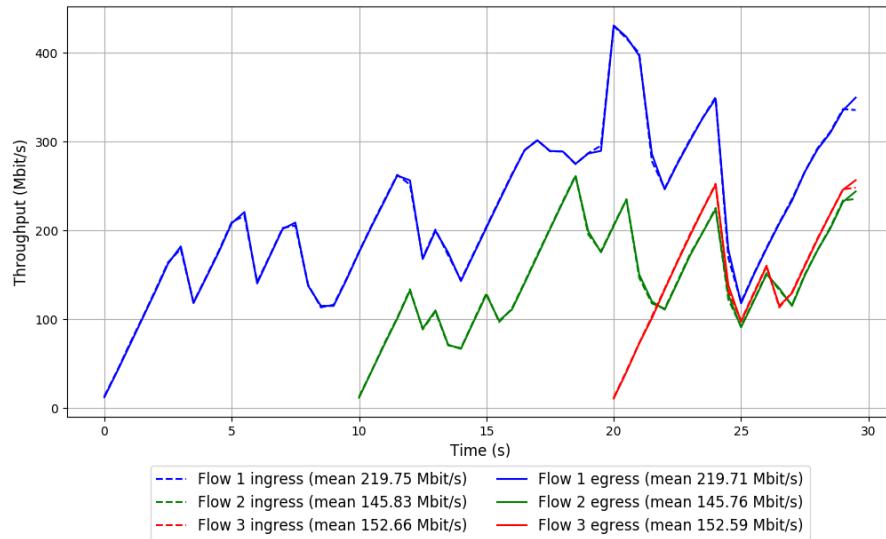


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-18 06:12:54
End at: 2017-09-18 06:13:24
Local clock offset: 1.016 ms
Remote clock offset: -3.858 ms

# Below is generated by plot.py at 2017-09-18 10:50:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 367.36 Mbit/s
95th percentile per-packet one-way delay: 19.244 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 219.71 Mbit/s
95th percentile per-packet one-way delay: 19.262 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 145.76 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 152.59 Mbit/s
95th percentile per-packet one-way delay: 19.202 ms
Loss rate: 0.04%
```

Run 8: Report of LEDBAT — Data Link

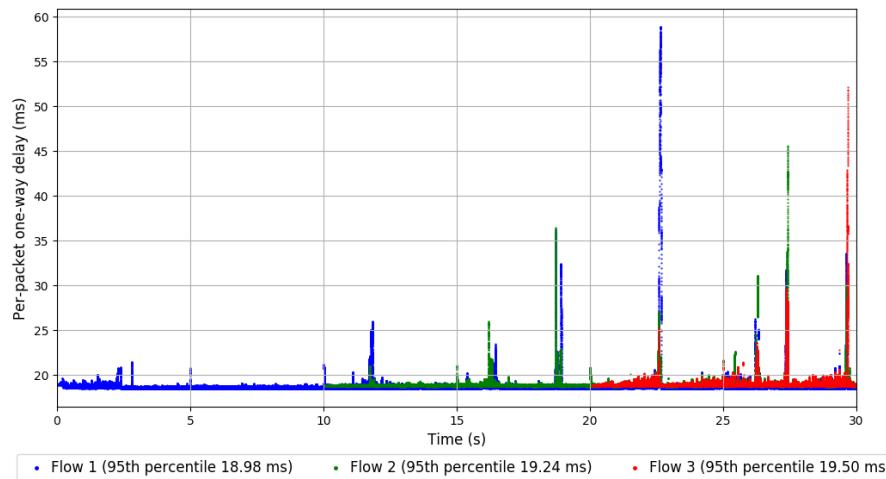
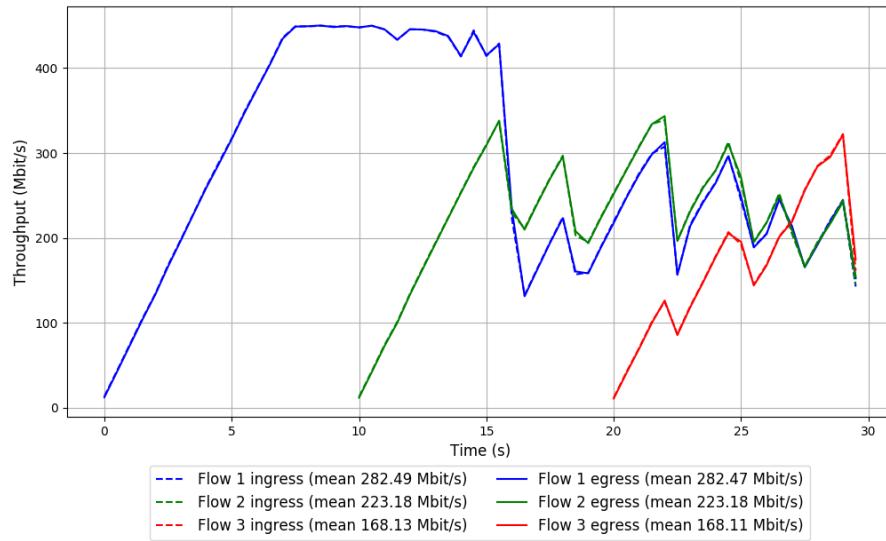


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-18 06:35:29
End at: 2017-09-18 06:35:59
Local clock offset: 0.492 ms
Remote clock offset: -3.464 ms

# Below is generated by plot.py at 2017-09-18 10:54:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 486.86 Mbit/s
95th percentile per-packet one-way delay: 19.175 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 282.47 Mbit/s
95th percentile per-packet one-way delay: 18.977 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 223.18 Mbit/s
95th percentile per-packet one-way delay: 19.240 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 168.11 Mbit/s
95th percentile per-packet one-way delay: 19.505 ms
Loss rate: 0.02%
```

Run 9: Report of LEDBAT — Data Link

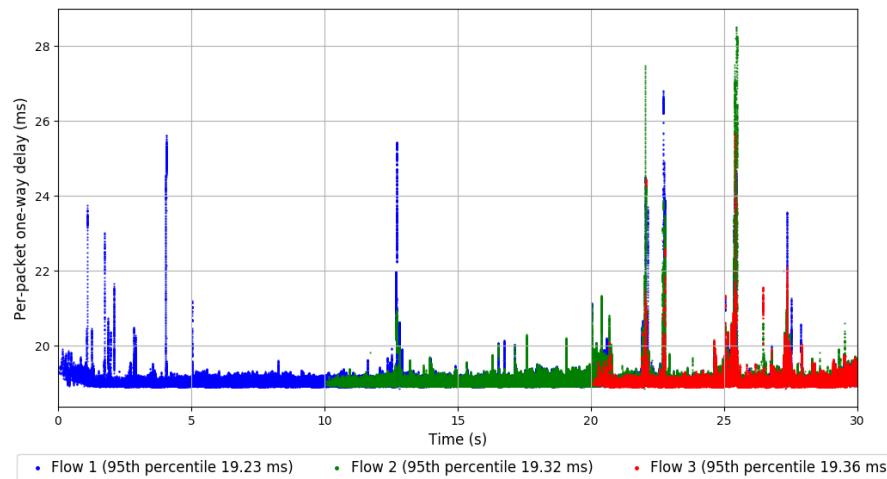
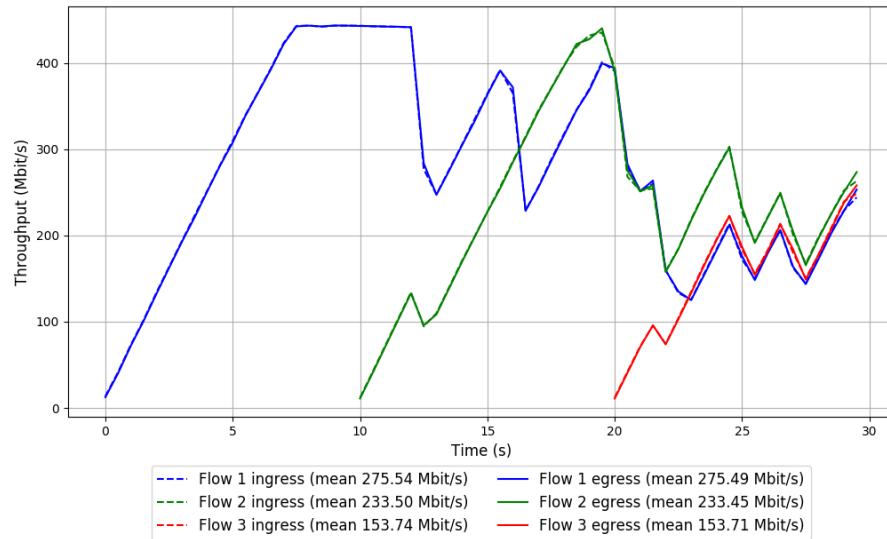


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-18 06:58:12
End at: 2017-09-18 06:58:42
Local clock offset: -0.197 ms
Remote clock offset: -3.361 ms

# Below is generated by plot.py at 2017-09-18 10:54:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 481.87 Mbit/s
95th percentile per-packet one-way delay: 19.278 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 275.49 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 233.45 Mbit/s
95th percentile per-packet one-way delay: 19.324 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 153.71 Mbit/s
95th percentile per-packet one-way delay: 19.361 ms
Loss rate: 0.02%
```

Run 10: Report of LEDBAT — Data Link

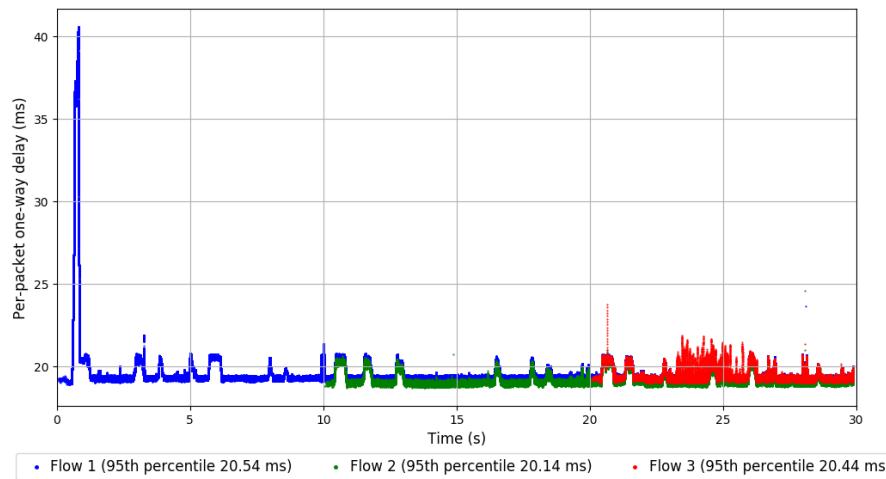
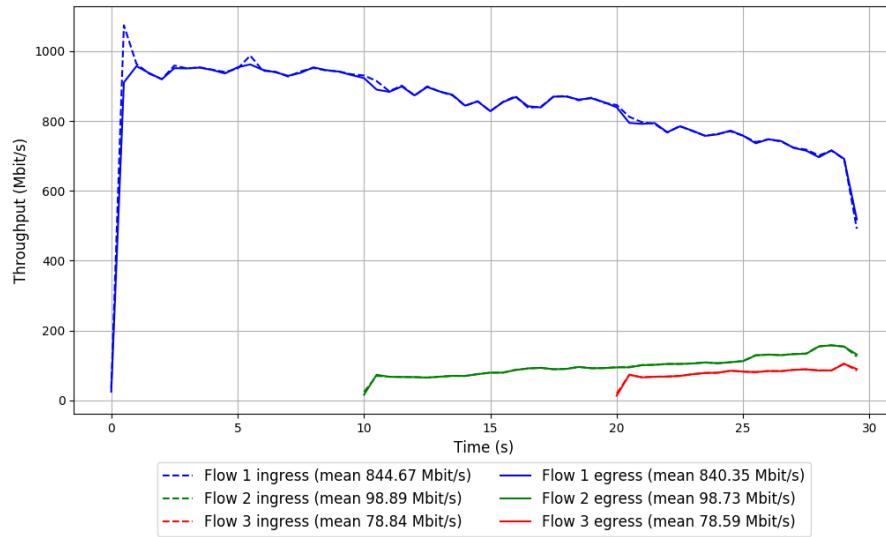


Run 1: Statistics of PCC

```
Start at: 2017-09-18 03:26:08
End at: 2017-09-18 03:26:38
Local clock offset: -2.975 ms
Remote clock offset: -1.981 ms

# Below is generated by plot.py at 2017-09-18 11:02:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 931.79 Mbit/s
95th percentile per-packet one-way delay: 20.532 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 840.35 Mbit/s
95th percentile per-packet one-way delay: 20.543 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 98.73 Mbit/s
95th percentile per-packet one-way delay: 20.141 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 20.438 ms
Loss rate: 0.31%
```

Run 1: Report of PCC — Data Link

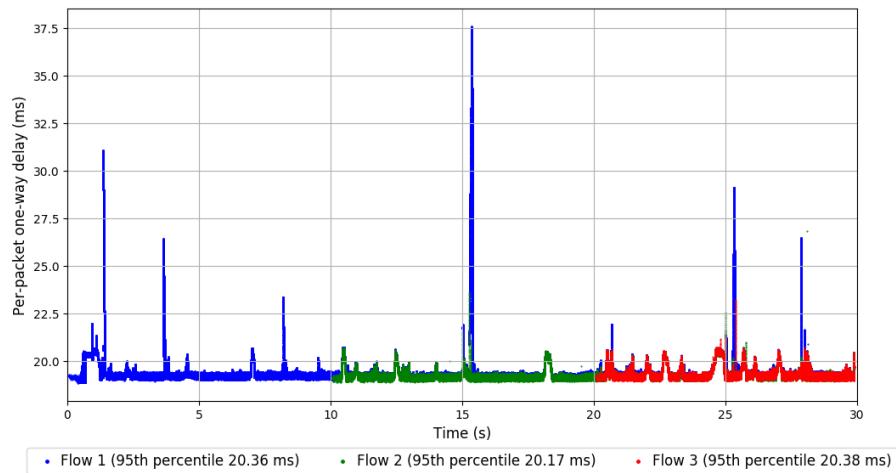
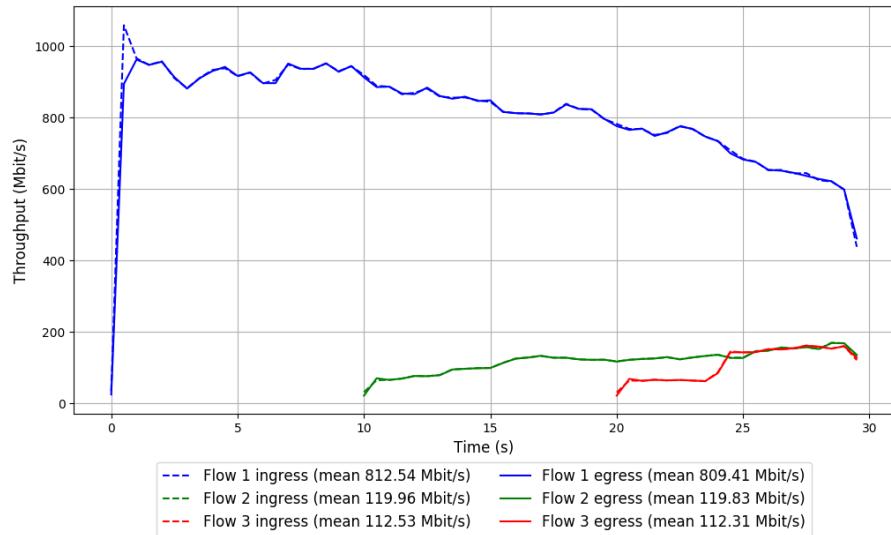


Run 2: Statistics of PCC

```
Start at: 2017-09-18 03:48:39
End at: 2017-09-18 03:49:09
Local clock offset: -1.213 ms
Remote clock offset: -2.558 ms

# Below is generated by plot.py at 2017-09-18 11:02:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 926.09 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 809.41 Mbit/s
95th percentile per-packet one-way delay: 20.364 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 119.83 Mbit/s
95th percentile per-packet one-way delay: 20.171 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 112.31 Mbit/s
95th percentile per-packet one-way delay: 20.378 ms
Loss rate: 0.19%
```

Run 2: Report of PCC — Data Link

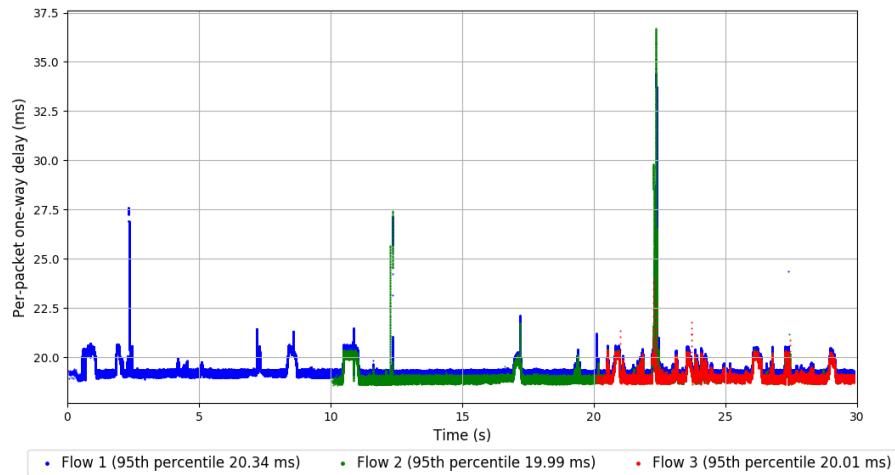
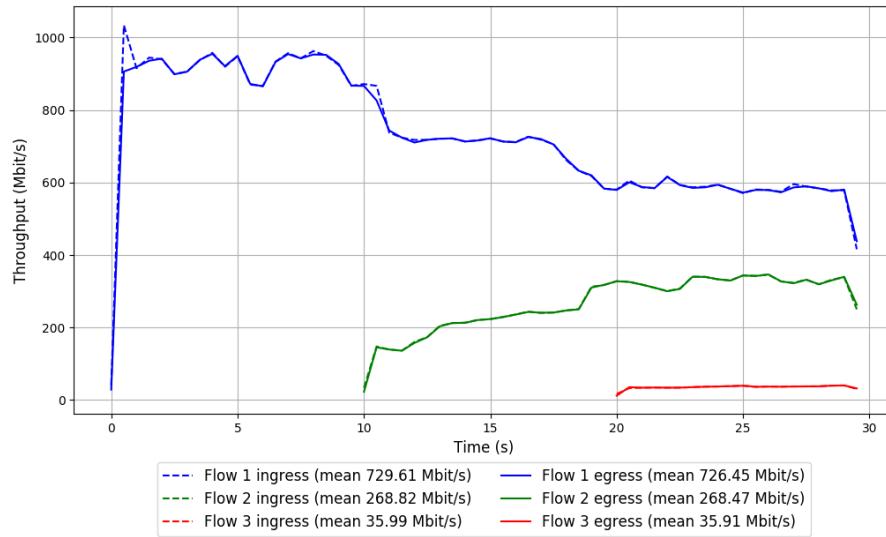


Run 3: Statistics of PCC

```
Start at: 2017-09-18 04:11:12
End at: 2017-09-18 04:11:42
Local clock offset: 1.233 ms
Remote clock offset: -3.15 ms

# Below is generated by plot.py at 2017-09-18 11:02:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 916.66 Mbit/s
95th percentile per-packet one-way delay: 20.289 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 726.45 Mbit/s
95th percentile per-packet one-way delay: 20.339 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 268.47 Mbit/s
95th percentile per-packet one-way delay: 19.988 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 20.011 ms
Loss rate: 0.21%
```

Run 3: Report of PCC — Data Link

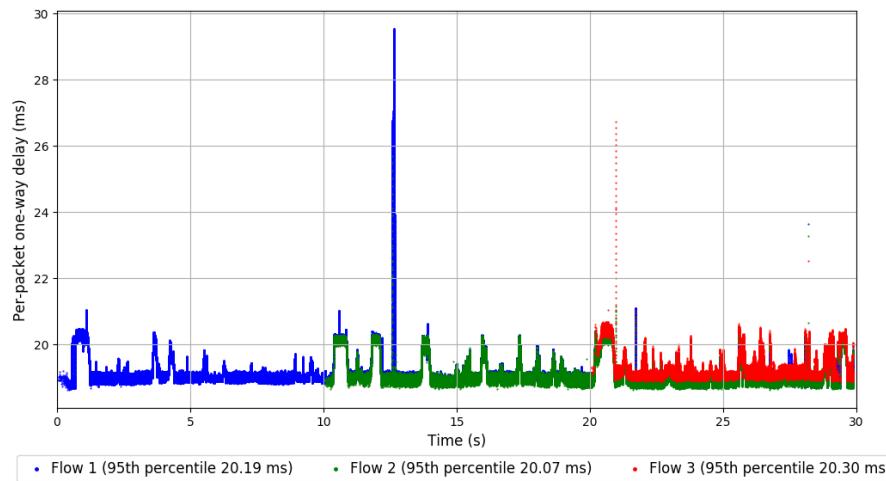
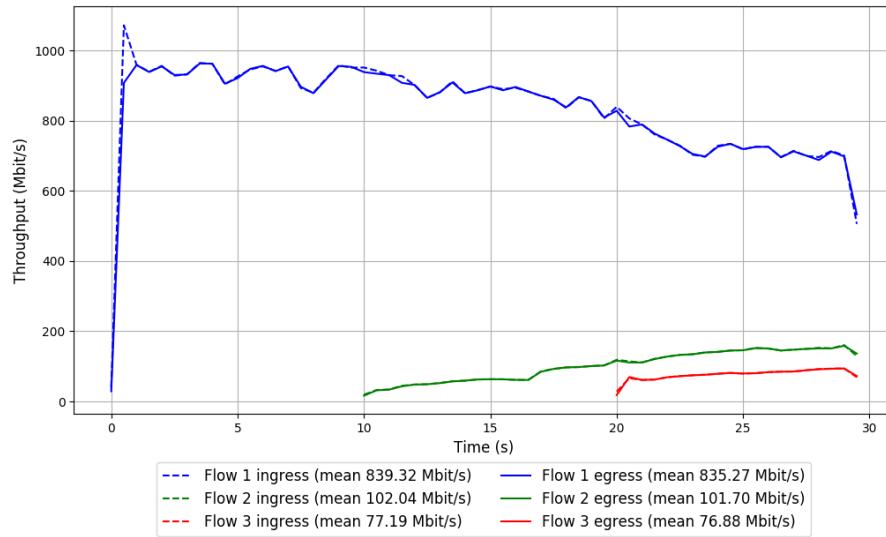


Run 4: Statistics of PCC

```
Start at: 2017-09-18 04:33:40
End at: 2017-09-18 04:34:10
Local clock offset: 0.78 ms
Remote clock offset: -3.383 ms

# Below is generated by plot.py at 2017-09-18 11:02:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 928.22 Mbit/s
95th percentile per-packet one-way delay: 20.187 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 835.27 Mbit/s
95th percentile per-packet one-way delay: 20.190 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 101.70 Mbit/s
95th percentile per-packet one-way delay: 20.065 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 20.296 ms
Loss rate: 0.39%
```

Run 4: Report of PCC — Data Link

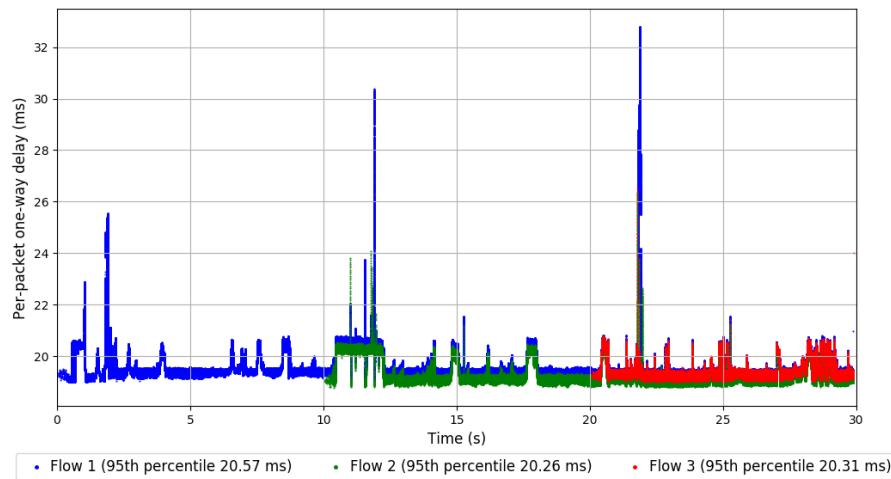
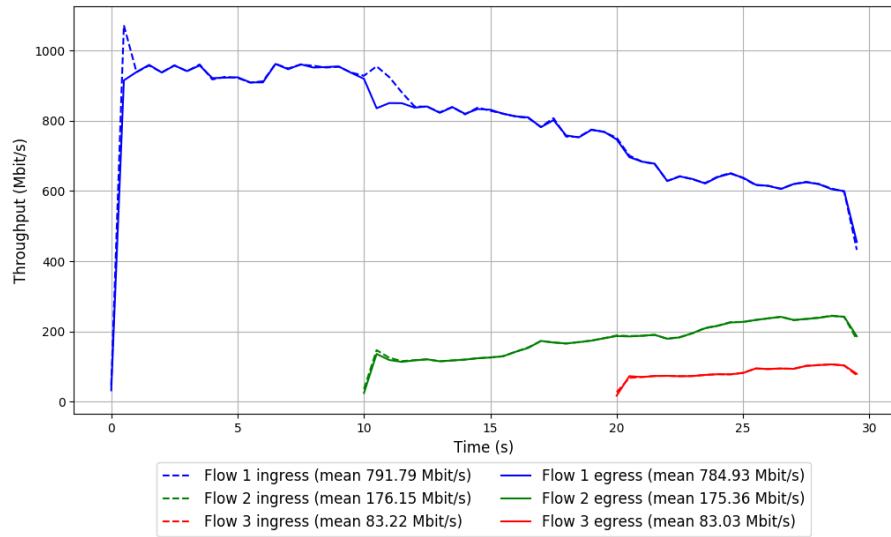


Run 5: Statistics of PCC

```
Start at: 2017-09-18 04:56:08
End at: 2017-09-18 04:56:38
Local clock offset: 0.528 ms
Remote clock offset: -3.569 ms

# Below is generated by plot.py at 2017-09-18 11:03:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 928.67 Mbit/s
95th percentile per-packet one-way delay: 20.559 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 784.93 Mbit/s
95th percentile per-packet one-way delay: 20.573 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 175.36 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 83.03 Mbit/s
95th percentile per-packet one-way delay: 20.313 ms
Loss rate: 0.18%
```

Run 5: Report of PCC — Data Link

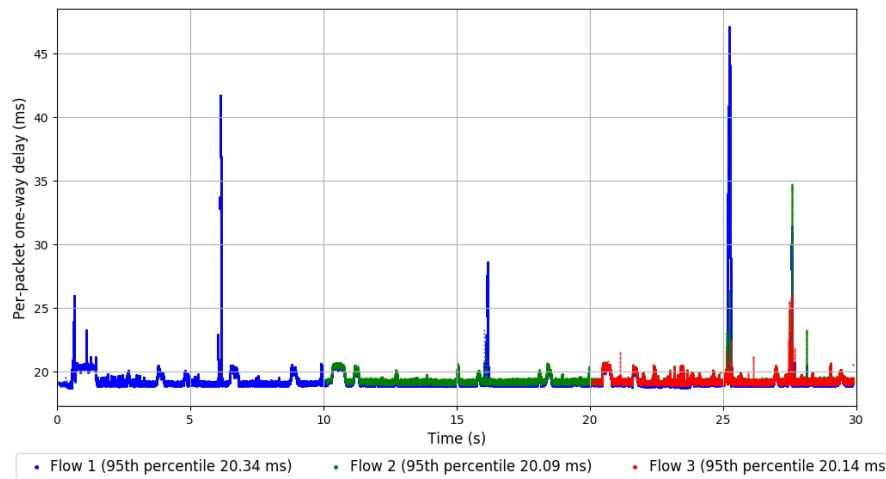
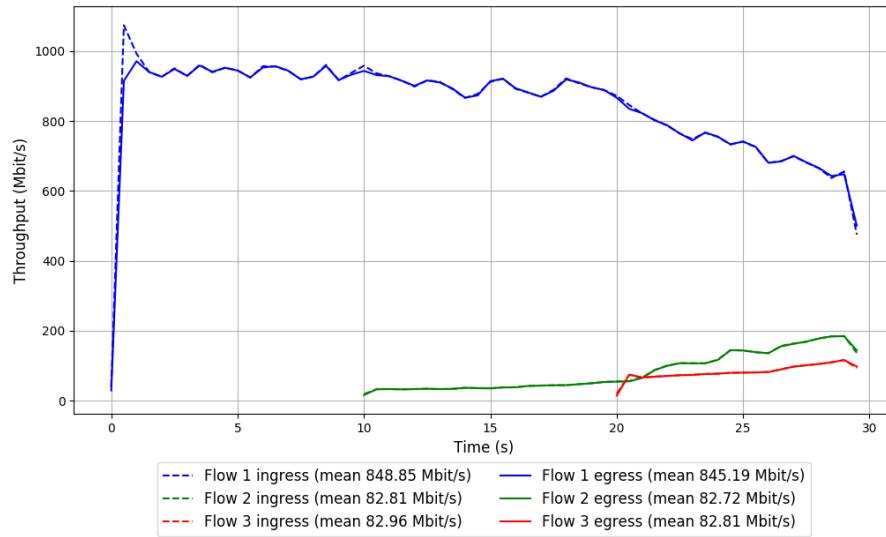


Run 6: Statistics of PCC

```
Start at: 2017-09-18 05:18:34
End at: 2017-09-18 05:19:04
Local clock offset: 1.066 ms
Remote clock offset: -3.746 ms

# Below is generated by plot.py at 2017-09-18 11:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.34 Mbit/s
95th percentile per-packet one-way delay: 20.330 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 845.19 Mbit/s
95th percentile per-packet one-way delay: 20.337 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 82.72 Mbit/s
95th percentile per-packet one-way delay: 20.086 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 20.144 ms
Loss rate: 0.18%
```

Run 6: Report of PCC — Data Link

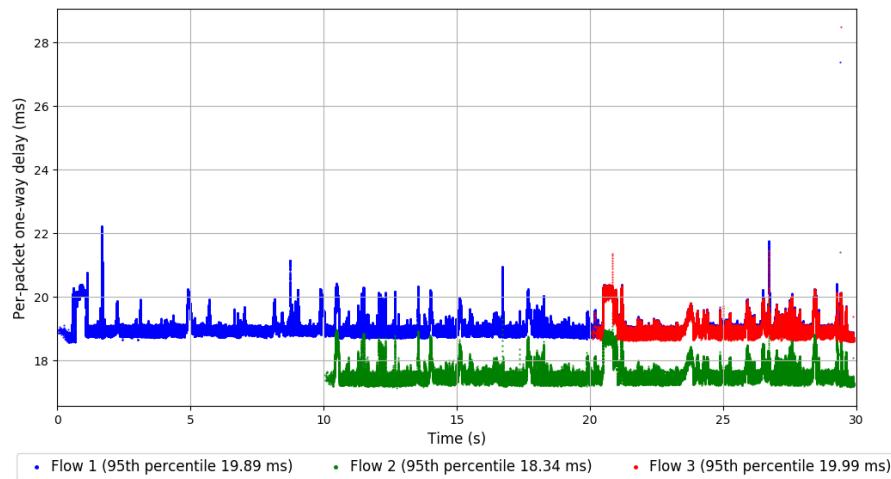
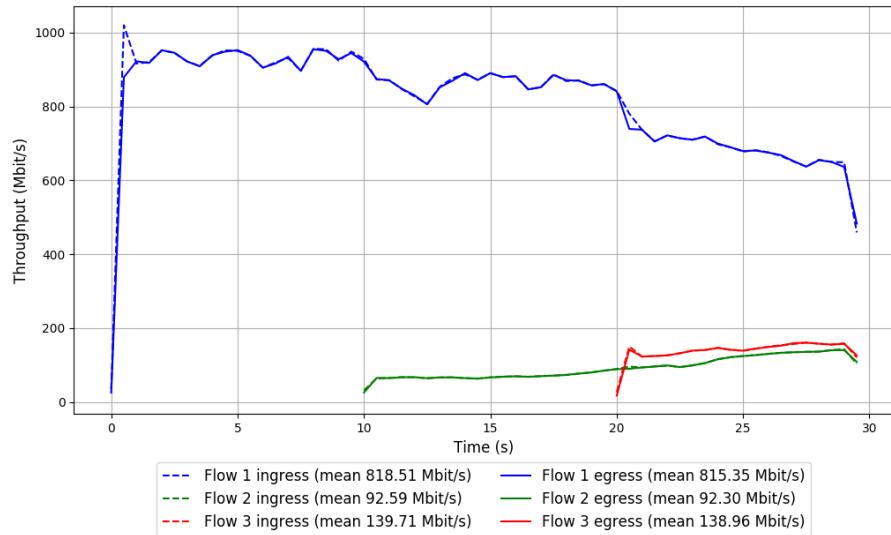


Run 7: Statistics of PCC

```
Start at: 2017-09-18 05:41:03
End at: 2017-09-18 05:41:33
Local clock offset: 1.111 ms
Remote clock offset: -4.017 ms

# Below is generated by plot.py at 2017-09-18 11:09:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 922.46 Mbit/s
95th percentile per-packet one-way delay: 19.855 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 815.35 Mbit/s
95th percentile per-packet one-way delay: 19.893 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 18.337 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 138.96 Mbit/s
95th percentile per-packet one-way delay: 19.986 ms
Loss rate: 0.54%
```

Run 7: Report of PCC — Data Link

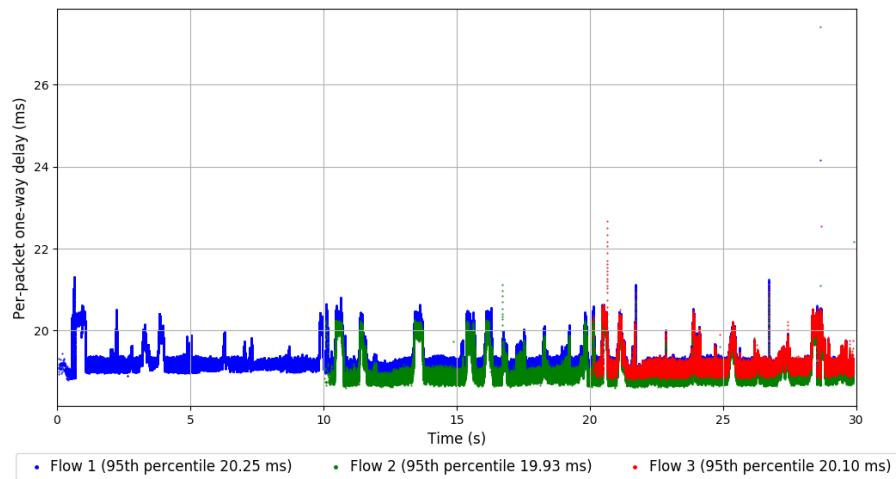
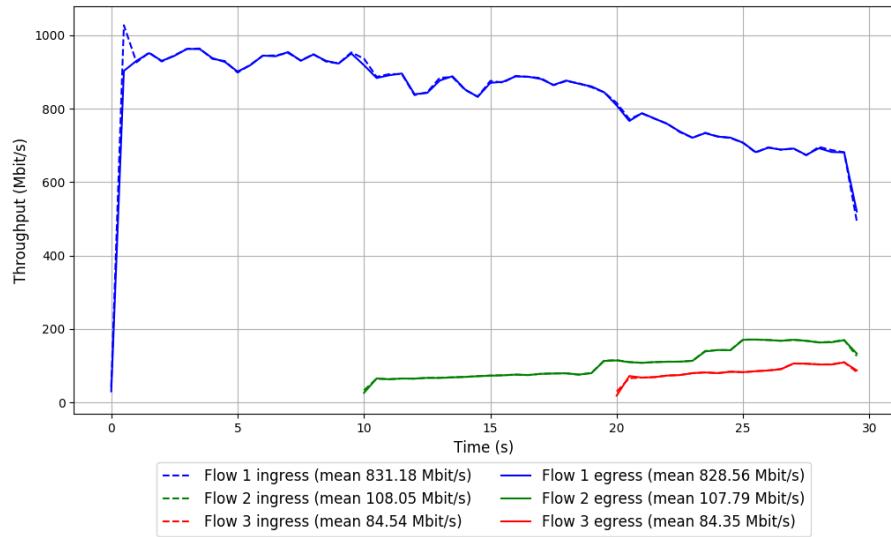


Run 8: Statistics of PCC

```
Start at: 2017-09-18 06:03:38
End at: 2017-09-18 06:04:08
Local clock offset: 1.129 ms
Remote clock offset: -3.914 ms

# Below is generated by plot.py at 2017-09-18 11:09:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.93 Mbit/s
95th percentile per-packet one-way delay: 20.231 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 828.56 Mbit/s
95th percentile per-packet one-way delay: 20.254 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 107.79 Mbit/s
95th percentile per-packet one-way delay: 19.933 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 20.100 ms
Loss rate: 0.22%
```

Run 8: Report of PCC — Data Link

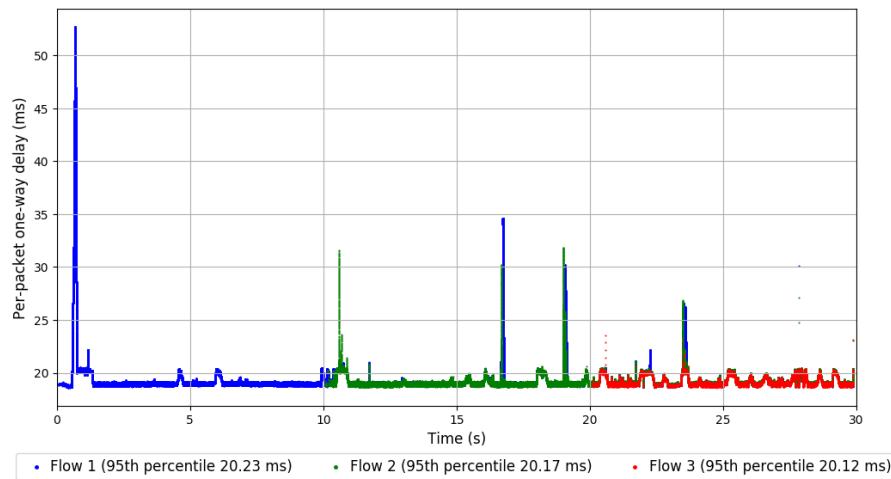
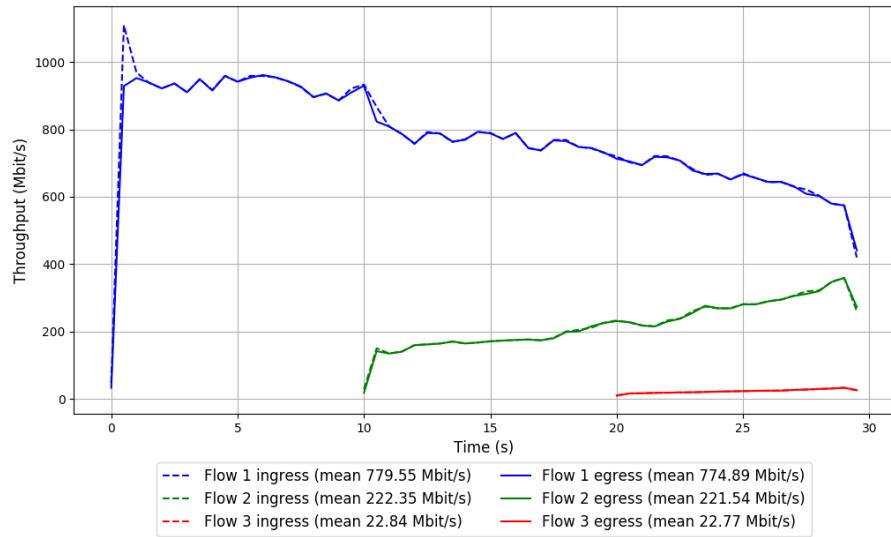


Run 9: Statistics of PCC

```
Start at: 2017-09-18 06:25:54
End at: 2017-09-18 06:26:24
Local clock offset: 0.673 ms
Remote clock offset: -3.598 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 929.62 Mbit/s
95th percentile per-packet one-way delay: 20.222 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 774.89 Mbit/s
95th percentile per-packet one-way delay: 20.233 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 221.54 Mbit/s
95th percentile per-packet one-way delay: 20.170 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 22.77 Mbit/s
95th percentile per-packet one-way delay: 20.120 ms
Loss rate: 0.27%
```

Run 9: Report of PCC — Data Link

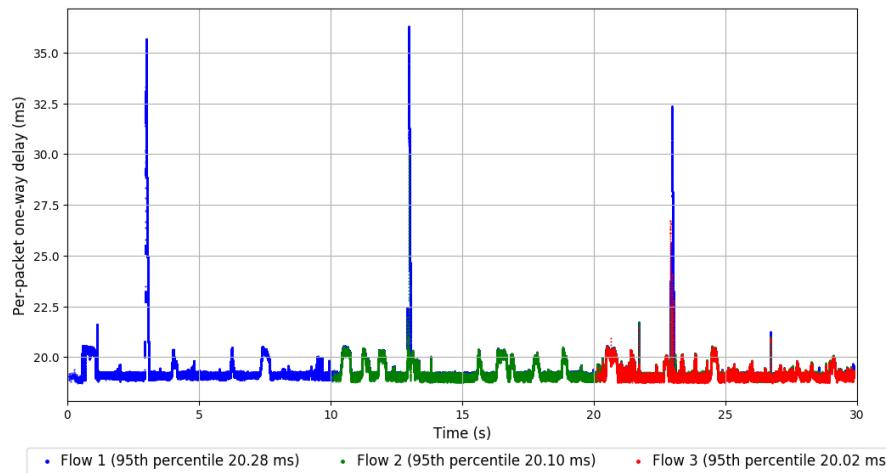
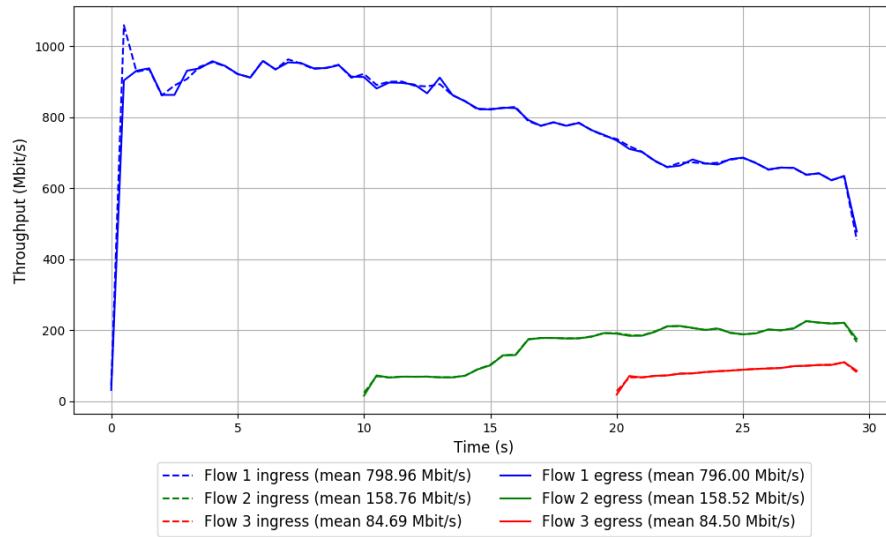


Run 10: Statistics of PCC

```
Start at: 2017-09-18 06:48:32
End at: 2017-09-18 06:49:02
Local clock offset: 0.139 ms
Remote clock offset: -3.315 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 929.14 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 796.00 Mbit/s
95th percentile per-packet one-way delay: 20.278 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 158.52 Mbit/s
95th percentile per-packet one-way delay: 20.101 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 20.021 ms
Loss rate: 0.22%
```

Run 10: Report of PCC — Data Link

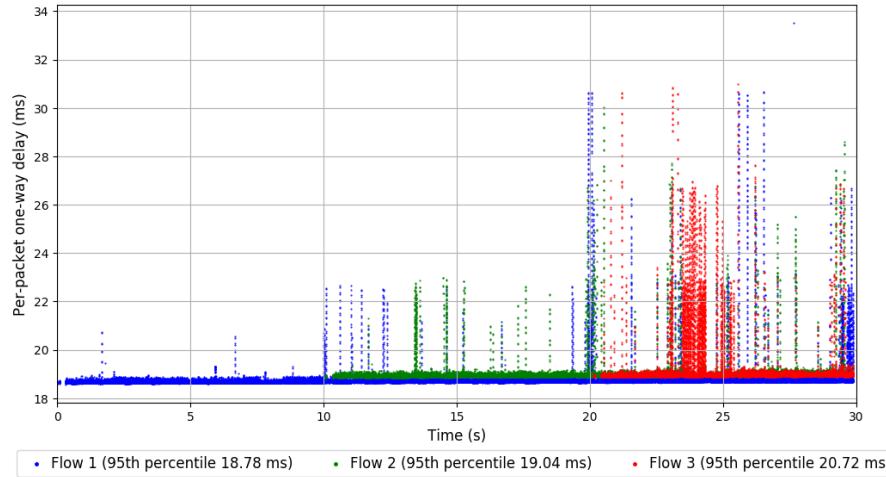
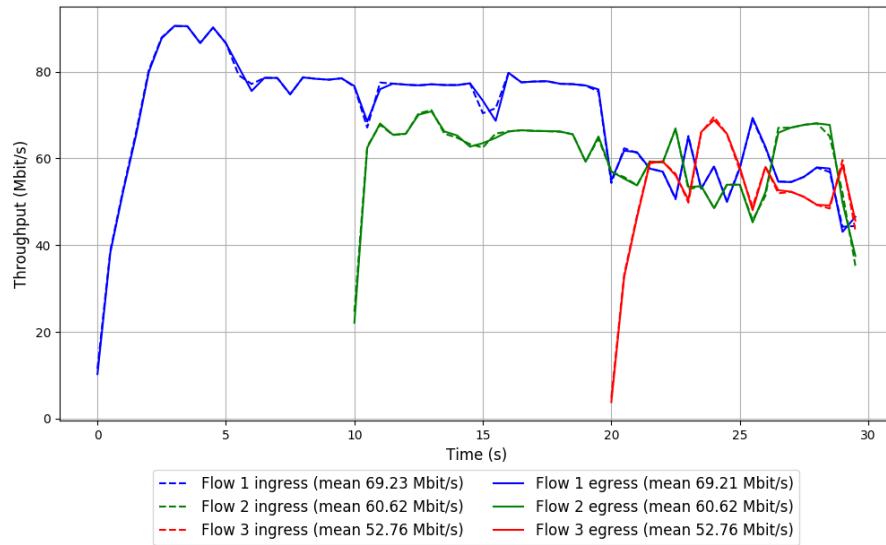


Run 1: Statistics of QUIC Cubic

```
Start at: 2017-09-18 03:24:52
End at: 2017-09-18 03:25:22
Local clock offset: -2.996 ms
Remote clock offset: -1.95 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.76 Mbit/s
95th percentile per-packet one-way delay: 19.012 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 18.783 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 60.62 Mbit/s
95th percentile per-packet one-way delay: 19.036 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 20.717 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

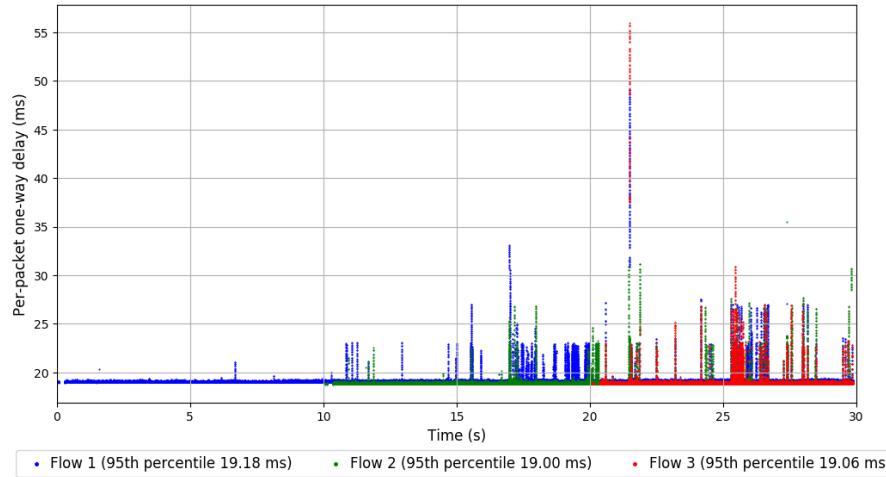
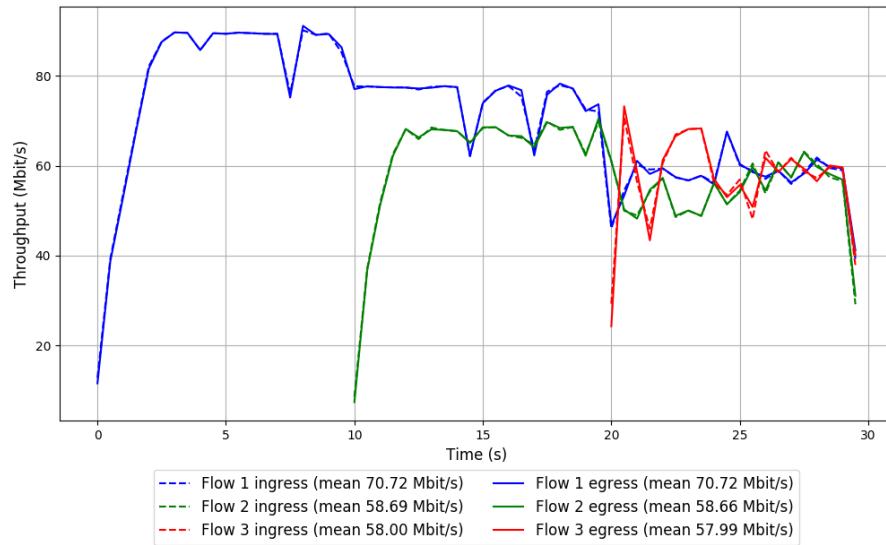


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-18 03:47:23
End at: 2017-09-18 03:47:53
Local clock offset: -1.507 ms
Remote clock offset: -2.551 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.57 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.72 Mbit/s
95th percentile per-packet one-way delay: 19.185 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.66 Mbit/s
95th percentile per-packet one-way delay: 19.005 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.99 Mbit/s
95th percentile per-packet one-way delay: 19.064 ms
Loss rate: 0.01%
```

Run 2: Report of QUIC Cubic — Data Link

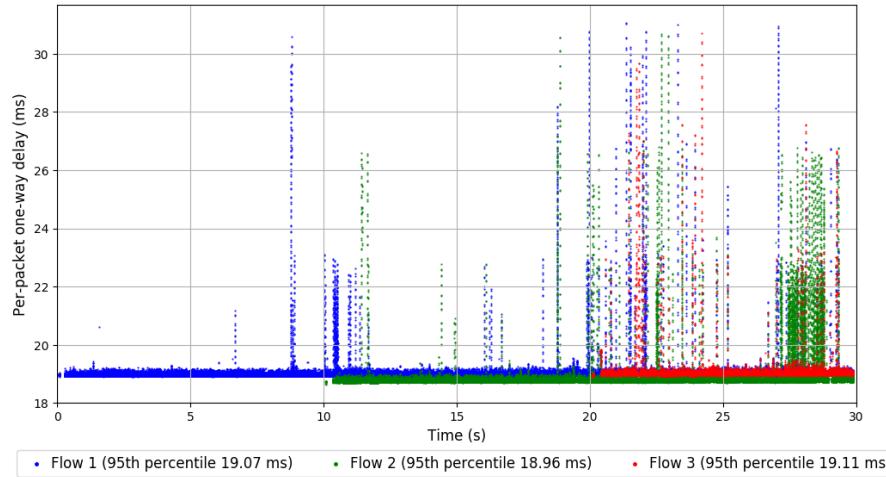
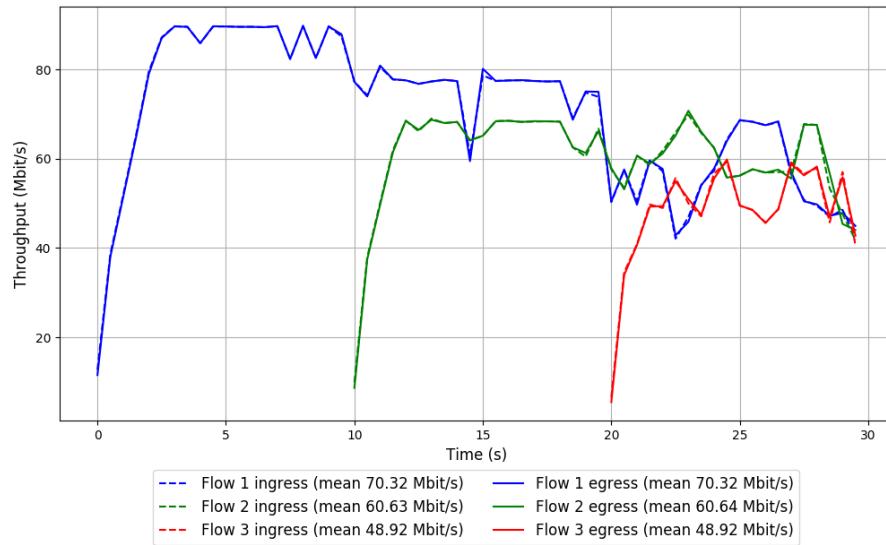


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-09-18 04:09:56
End at: 2017-09-18 04:10:26
Local clock offset: 1.102 ms
Remote clock offset: -3.124 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.66 Mbit/s
95th percentile per-packet one-way delay: 19.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 18.961 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 19.114 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

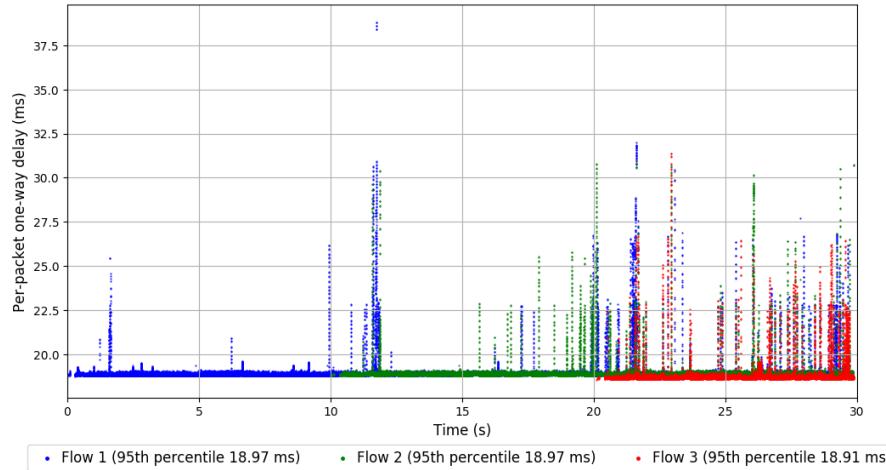
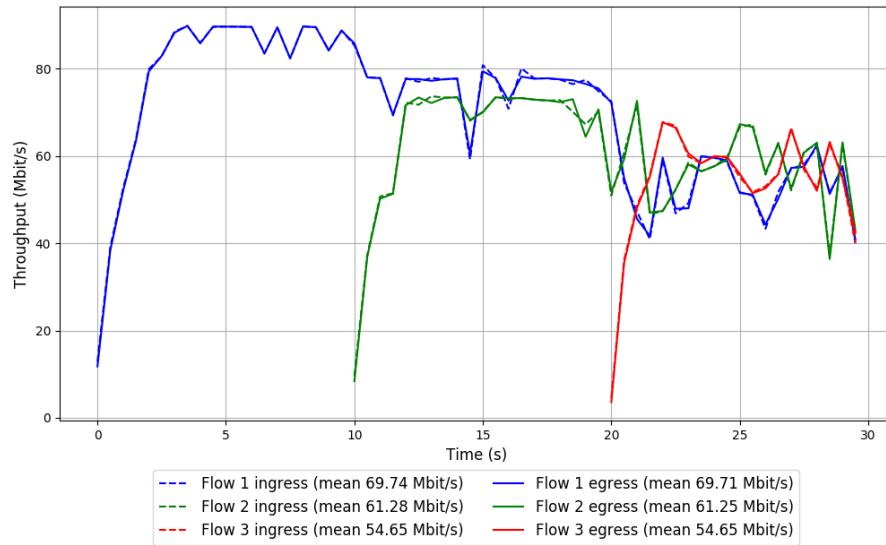


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-09-18 04:32:23
End at: 2017-09-18 04:32:53
Local clock offset: 0.874 ms
Remote clock offset: -3.362 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.27 Mbit/s
95th percentile per-packet one-way delay: 18.967 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 69.71 Mbit/s
95th percentile per-packet one-way delay: 18.966 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 18.970 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 54.65 Mbit/s
95th percentile per-packet one-way delay: 18.906 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

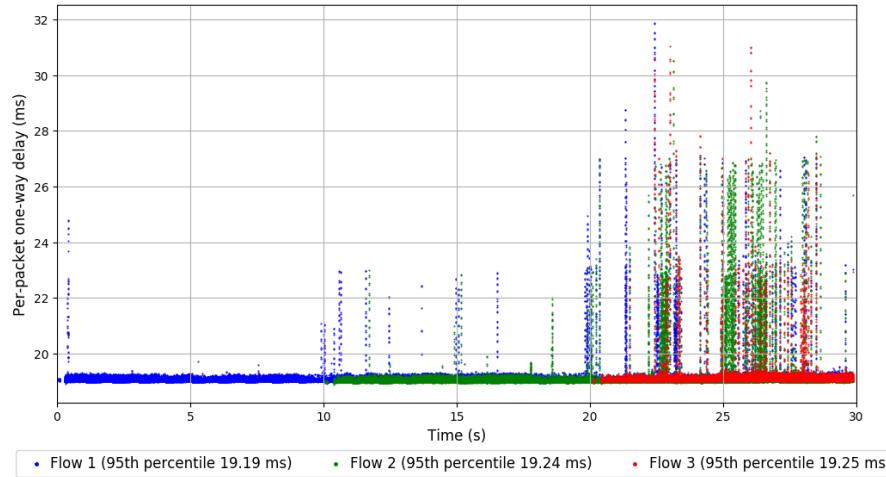
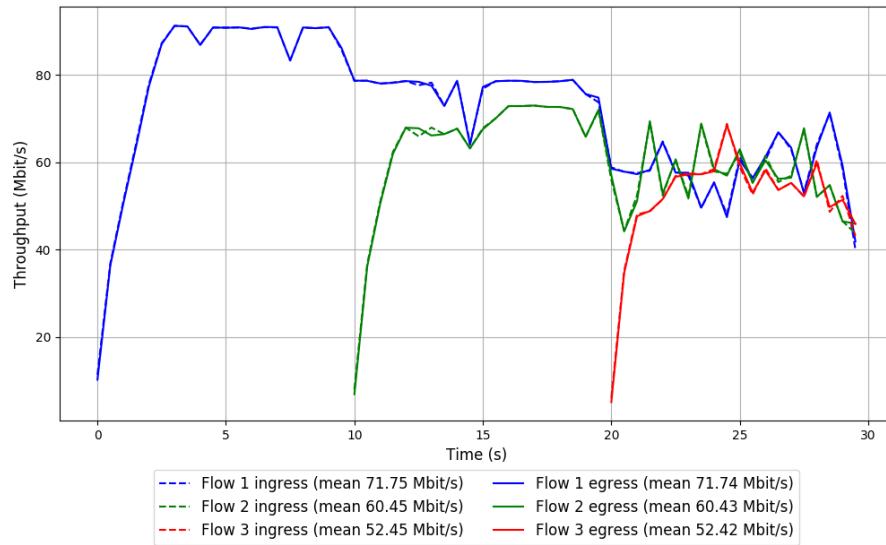


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-18 04:54:52
End at: 2017-09-18 04:55:22
Local clock offset: 0.508 ms
Remote clock offset: -3.559 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 129.02 Mbit/s
95th percentile per-packet one-way delay: 19.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.74 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 19.236 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 19.252 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

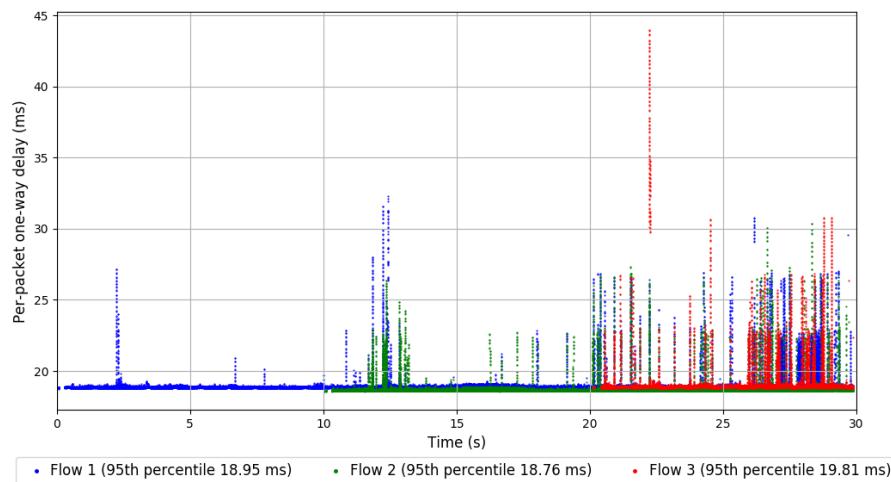
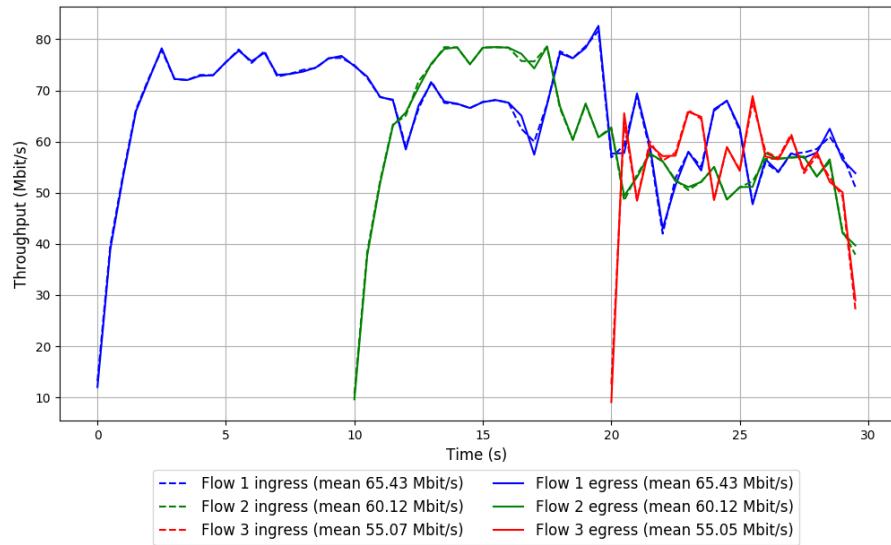


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-18 05:17:17
End at: 2017-09-18 05:17:47
Local clock offset: 1.157 ms
Remote clock offset: -3.804 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.41 Mbit/s
95th percentile per-packet one-way delay: 18.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.43 Mbit/s
95th percentile per-packet one-way delay: 18.948 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.12 Mbit/s
95th percentile per-packet one-way delay: 18.761 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.05 Mbit/s
95th percentile per-packet one-way delay: 19.812 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

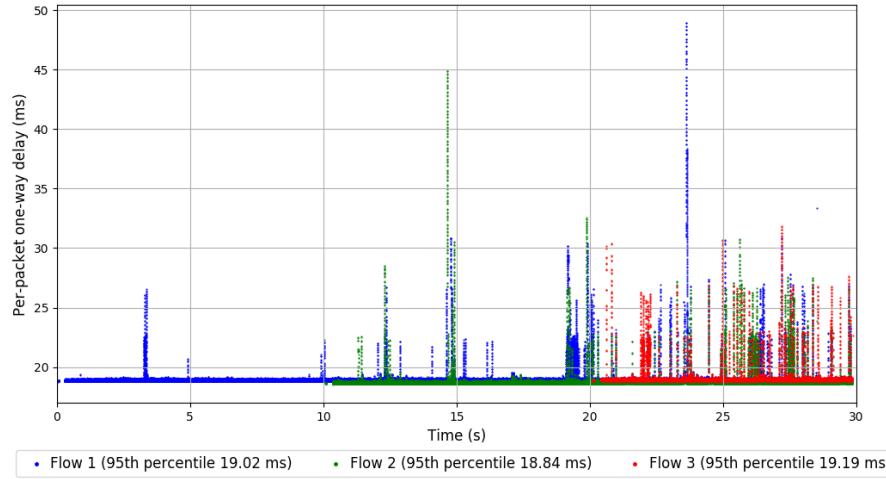
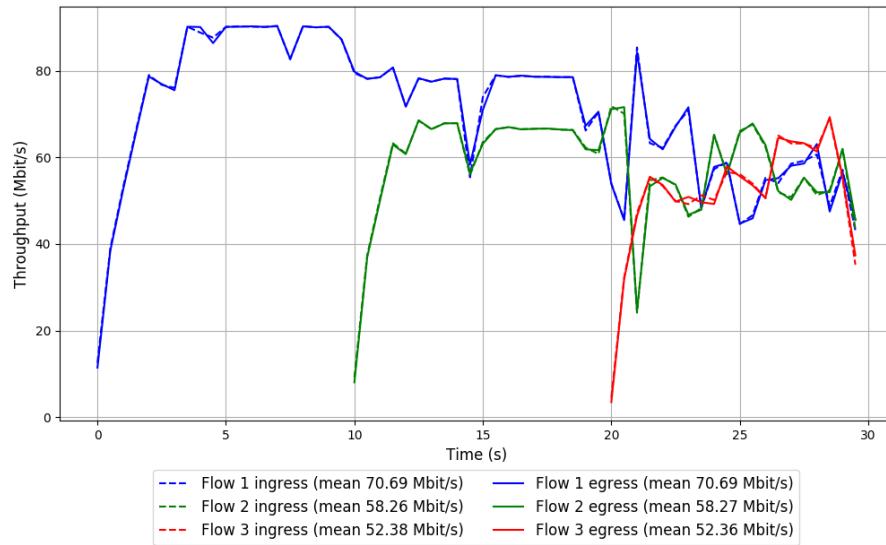


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-09-18 05:39:46
End at: 2017-09-18 05:40:16
Local clock offset: 1.081 ms
Remote clock offset: -4.01 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.51 Mbit/s
95th percentile per-packet one-way delay: 19.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.69 Mbit/s
95th percentile per-packet one-way delay: 19.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 18.840 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.36 Mbit/s
95th percentile per-packet one-way delay: 19.188 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link

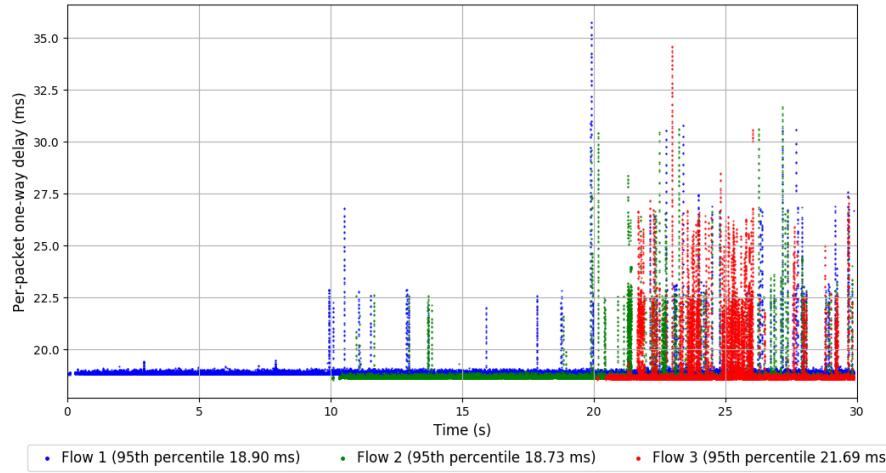
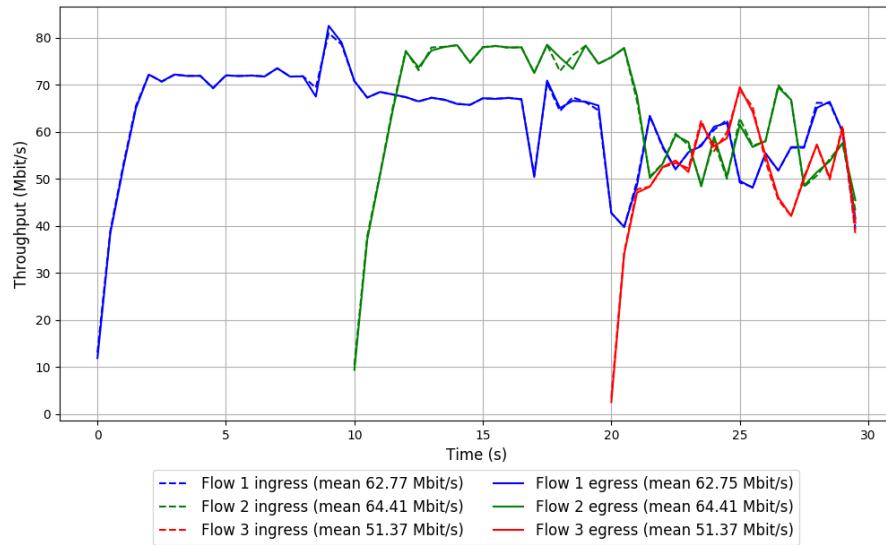


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-09-18 06:02:22
End at: 2017-09-18 06:02:52
Local clock offset: 1.155 ms
Remote clock offset: -3.916 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.34 Mbit/s
95th percentile per-packet one-way delay: 18.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 18.899 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.41 Mbit/s
95th percentile per-packet one-way delay: 18.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 21.691 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

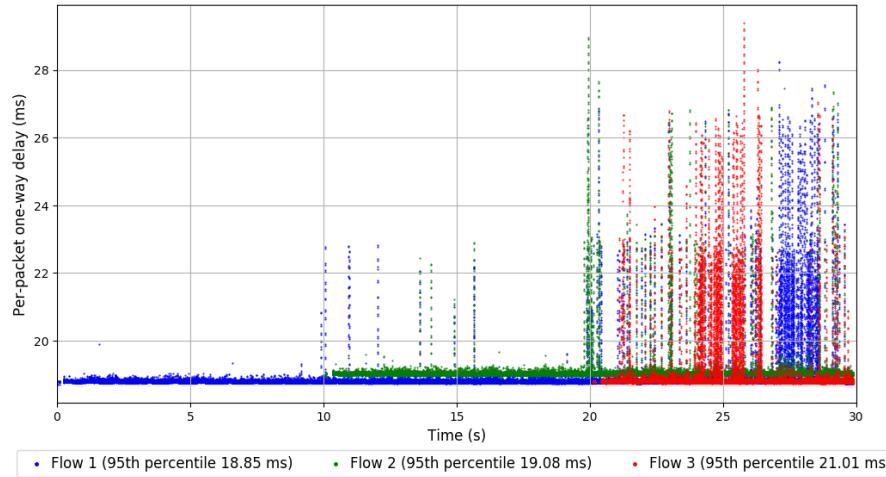
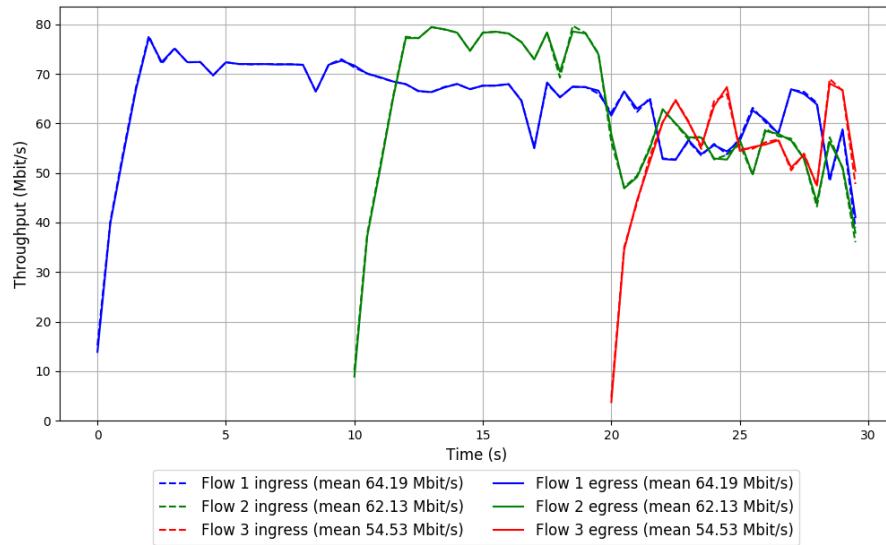


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-09-18 06:24:38
End at: 2017-09-18 06:25:08
Local clock offset: 0.722 ms
Remote clock offset: -3.527 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.31 Mbit/s
95th percentile per-packet one-way delay: 19.069 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 18.854 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.13 Mbit/s
95th percentile per-packet one-way delay: 19.079 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 21.013 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

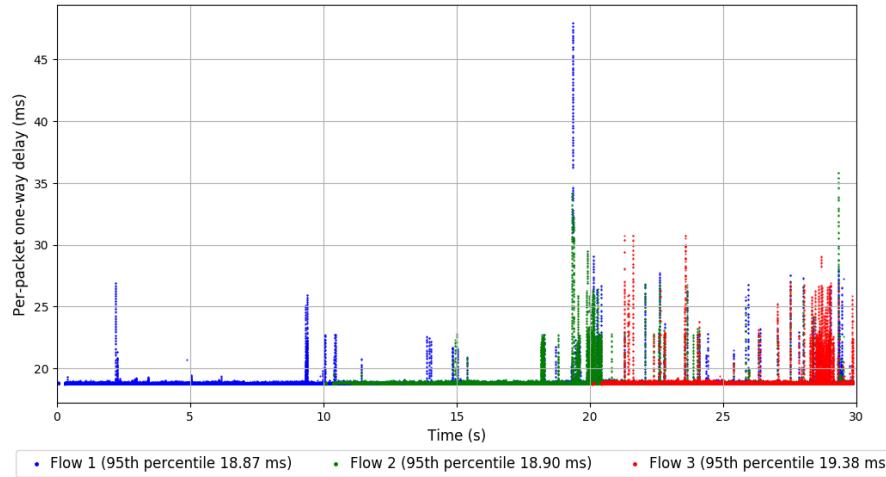
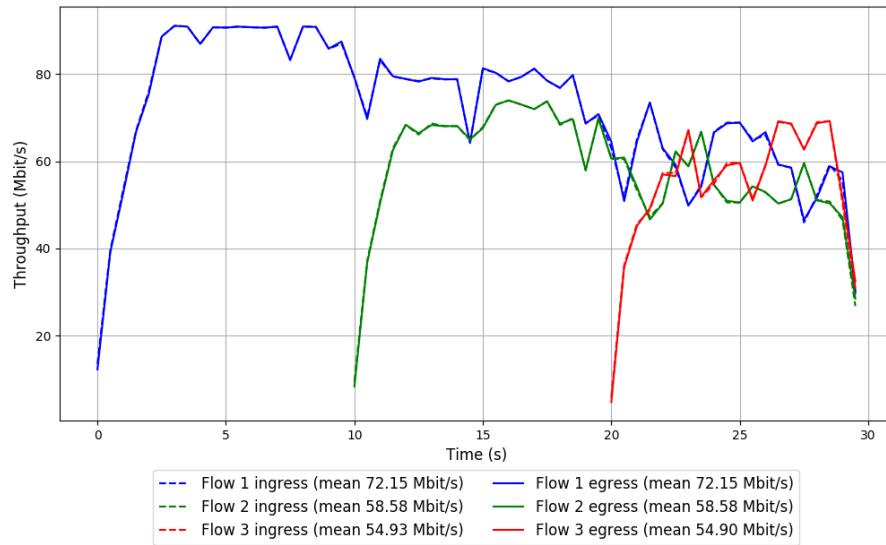


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-09-18 06:47:15
End at: 2017-09-18 06:47:45
Local clock offset: 0.166 ms
Remote clock offset: -3.323 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 129.02 Mbit/s
95th percentile per-packet one-way delay: 18.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.15 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 18.903 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.90 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

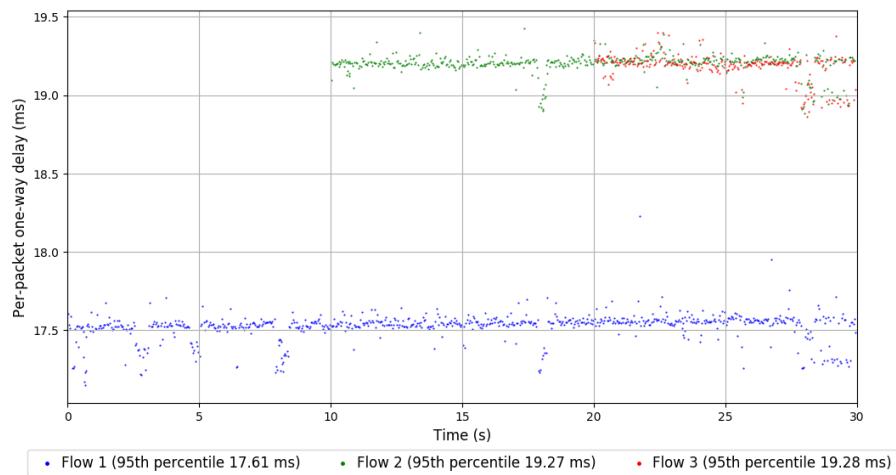
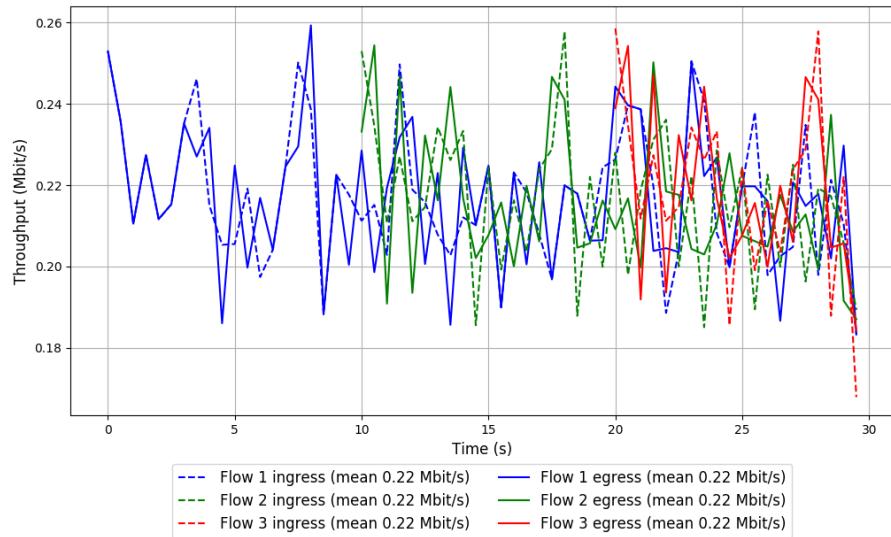


Run 1: Statistics of SCReAM

```
Start at: 2017-09-18 03:32:22
End at: 2017-09-18 03:32:52
Local clock offset: -2.386 ms
Remote clock offset: -2.182 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.605 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.284 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

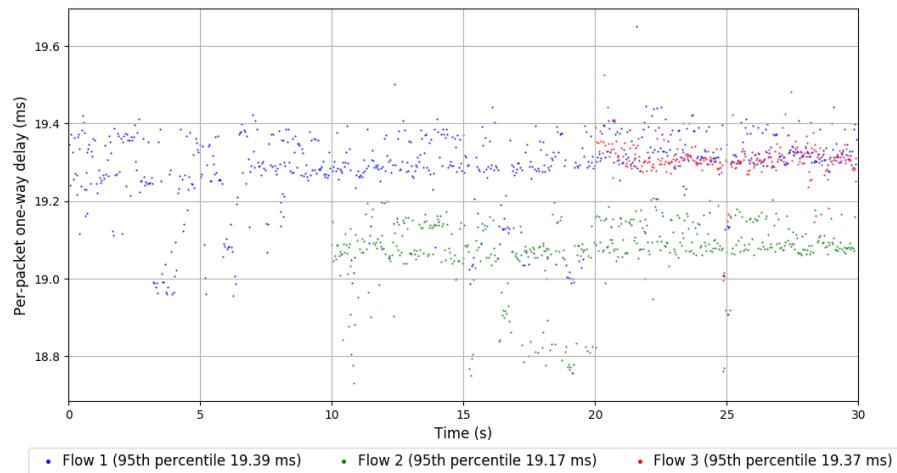
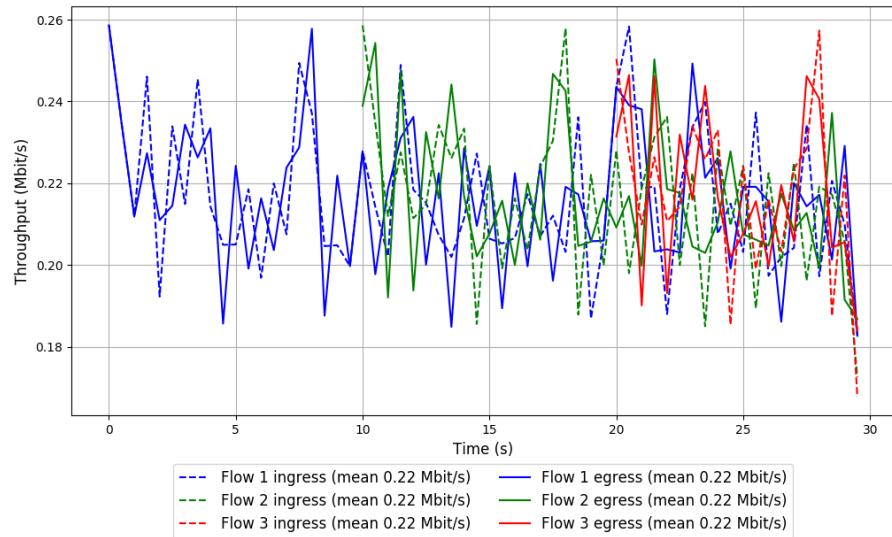


Run 2: Statistics of SCReAM

```
Start at: 2017-09-18 03:54:55
End at: 2017-09-18 03:55:25
Local clock offset: -0.734 ms
Remote clock offset: -2.754 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.394 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.168 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.369 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

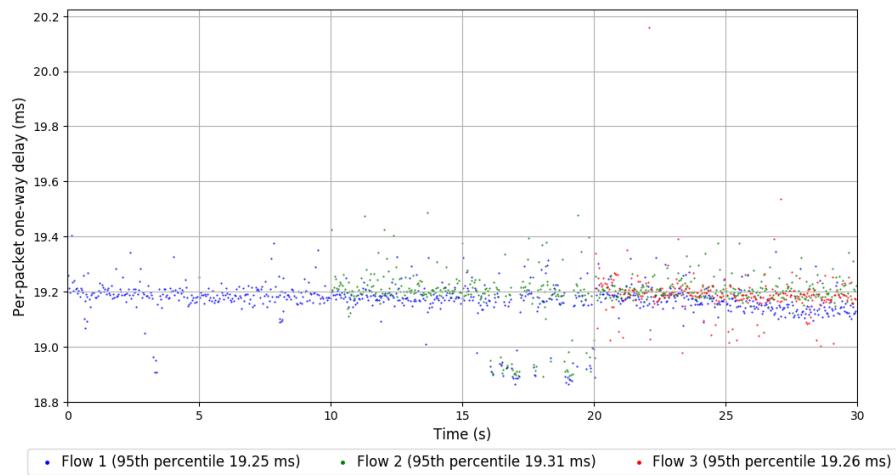
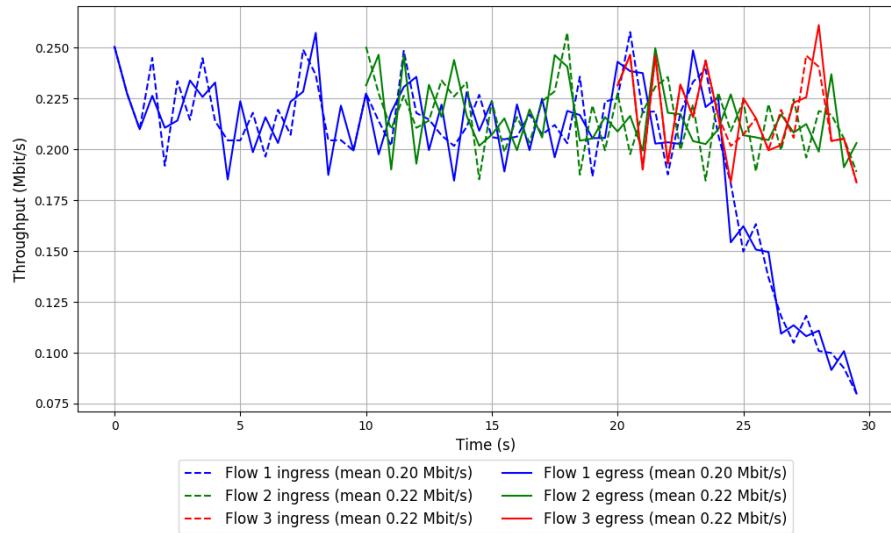


Run 3: Statistics of SCReAM

```
Start at: 2017-09-18 04:17:28
End at: 2017-09-18 04:17:58
Local clock offset: 0.998 ms
Remote clock offset: -3.159 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.255 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.307 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.263 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

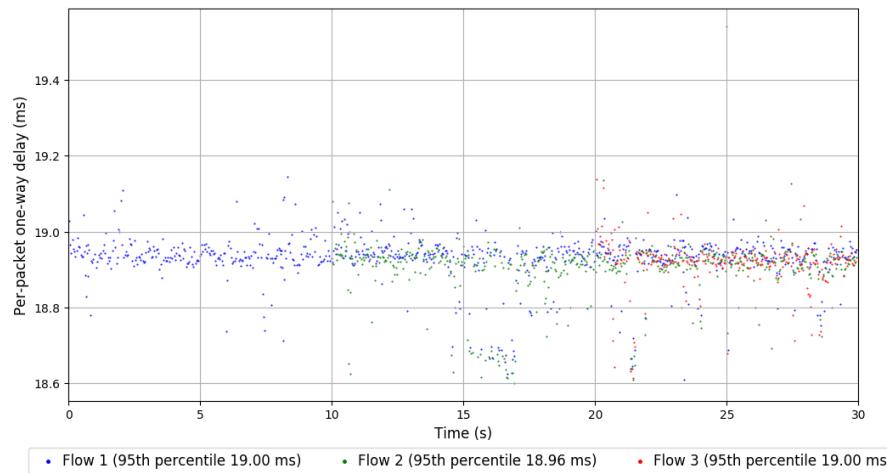
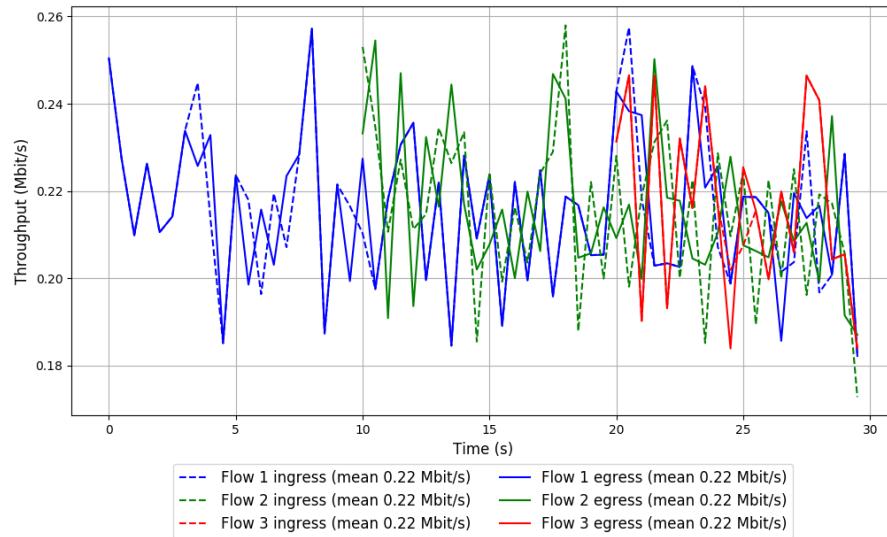


Run 4: Statistics of SCReAM

```
Start at: 2017-09-18 04:39:53
End at: 2017-09-18 04:40:23
Local clock offset: 0.796 ms
Remote clock offset: -3.496 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.000 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.964 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.998 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

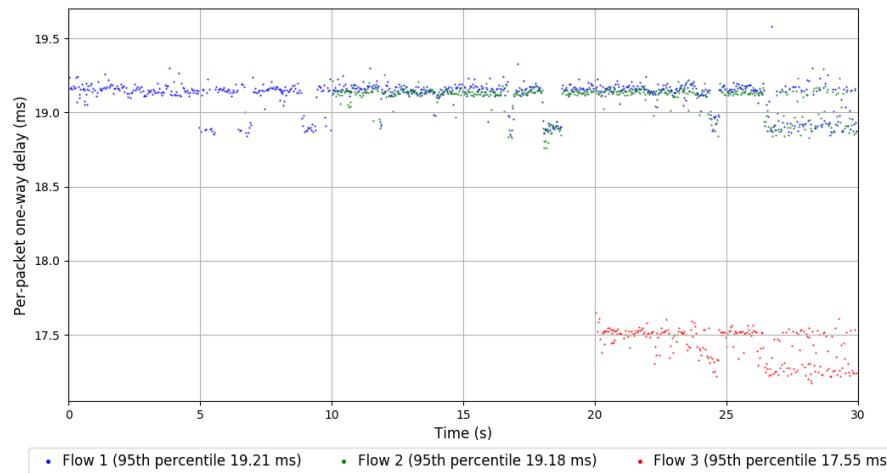
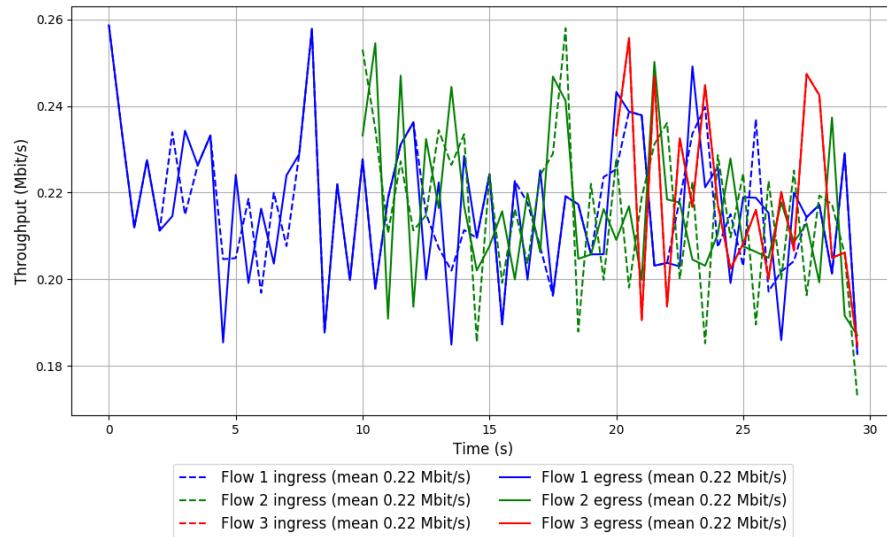


Run 5: Statistics of SCReAM

```
Start at: 2017-09-18 05:02:18
End at: 2017-09-18 05:02:48
Local clock offset: 0.806 ms
Remote clock offset: -3.625 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.177 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.550 ms
Loss rate: 0.00%
```

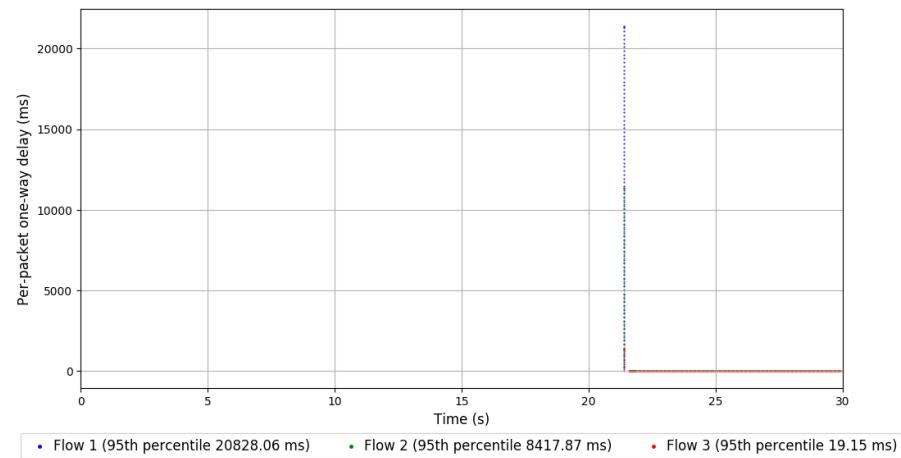
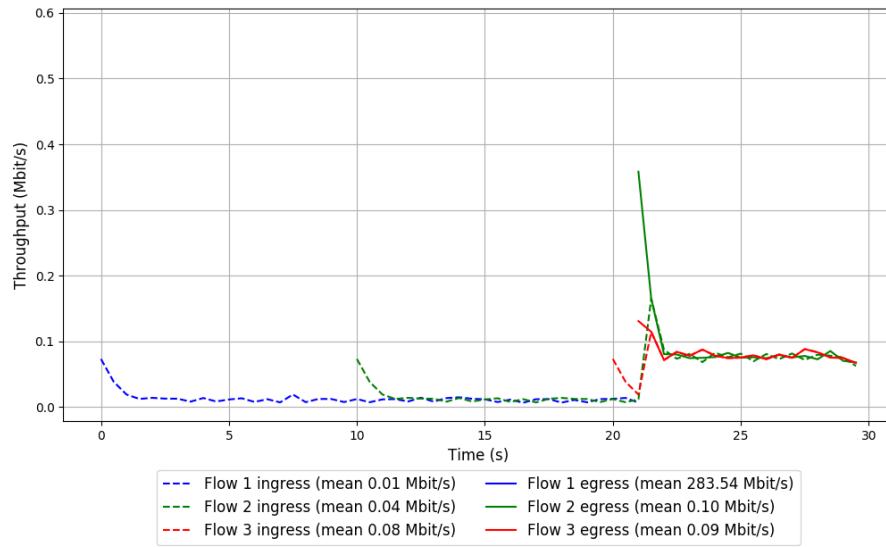
Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-09-18 05:24:47
End at: 2017-09-18 05:25:17
Local clock offset: 1.066 ms
Remote clock offset: -3.915 ms

Run 6: Report of SCReAM — Data Link

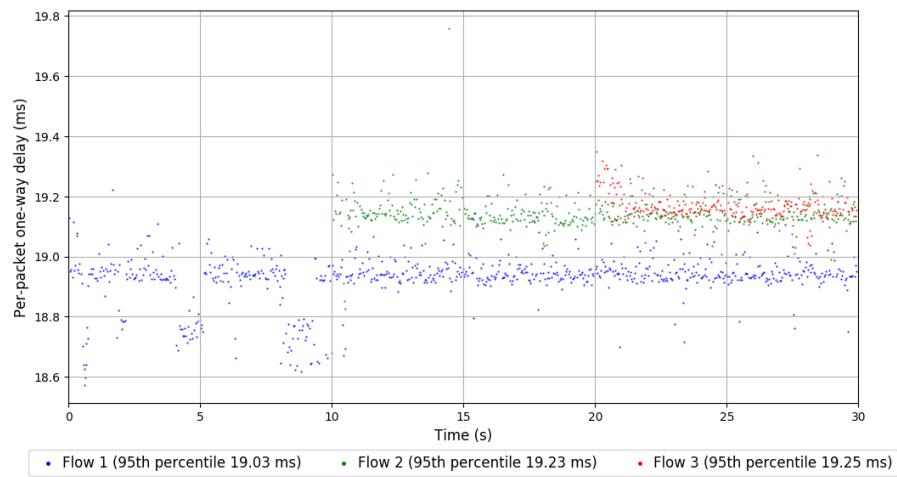
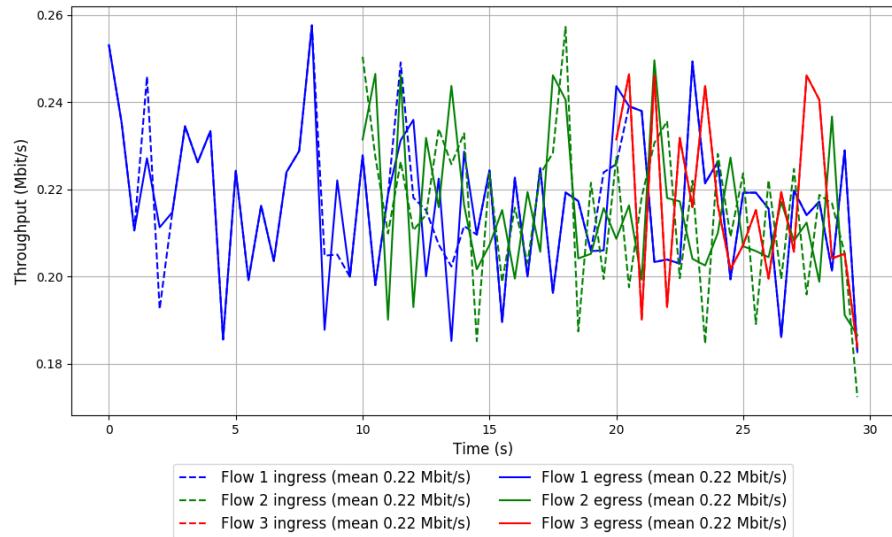


Run 7: Statistics of SCReAM

```
Start at: 2017-09-18 05:47:22
End at: 2017-09-18 05:47:52
Local clock offset: 1.171 ms
Remote clock offset: -4.011 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.031 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.253 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

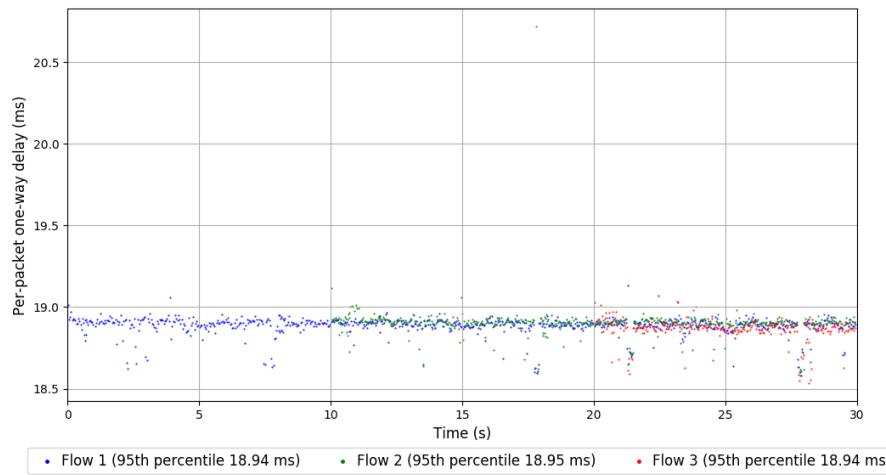
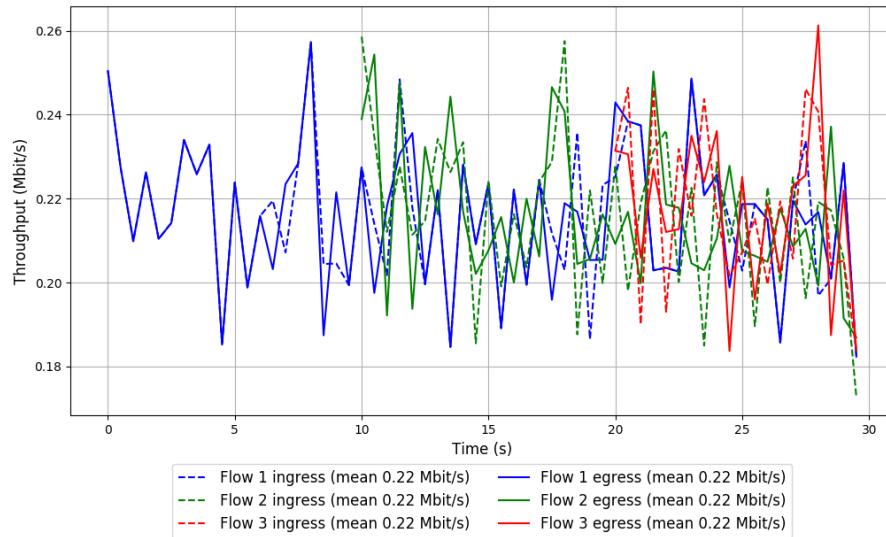


Run 8: Statistics of SCReAM

```
Start at: 2017-09-18 06:09:42
End at: 2017-09-18 06:10:12
Local clock offset: 1.052 ms
Remote clock offset: -3.94 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 18.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.936 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.939 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

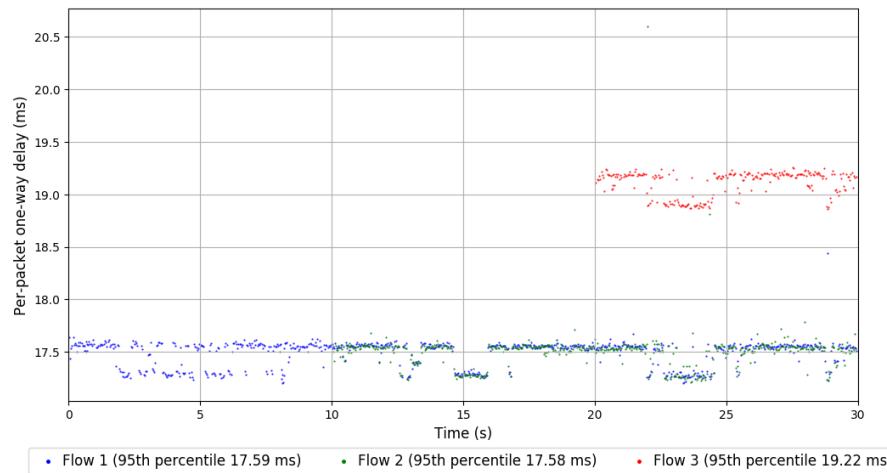
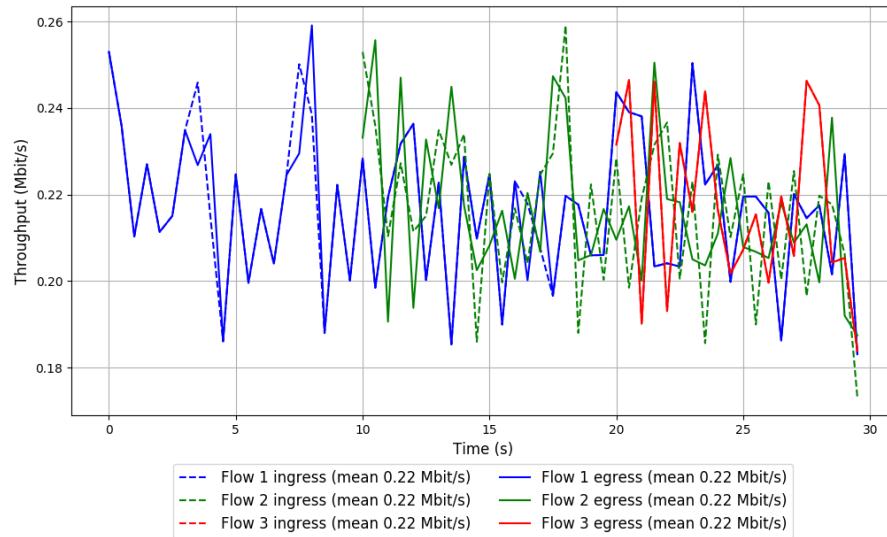


Run 9: Statistics of SCReAM

```
Start at: 2017-09-18 06:32:07
End at: 2017-09-18 06:32:37
Local clock offset: 0.589 ms
Remote clock offset: -3.409 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.589 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.222 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

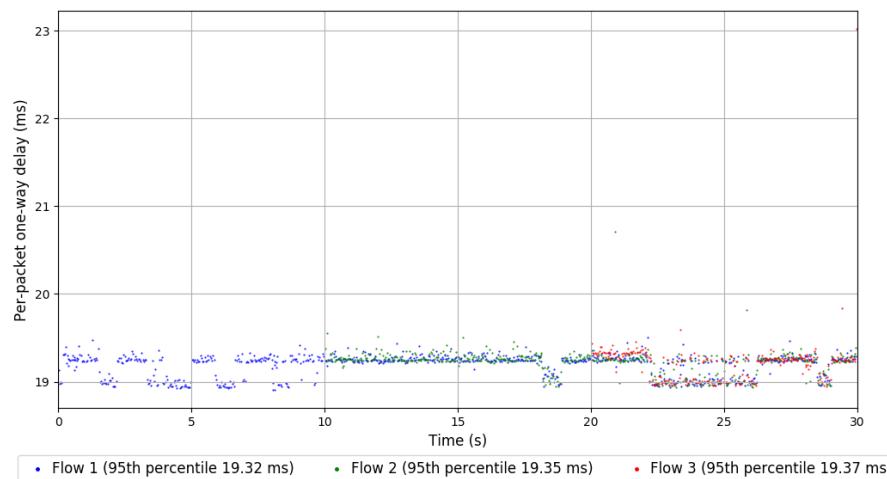
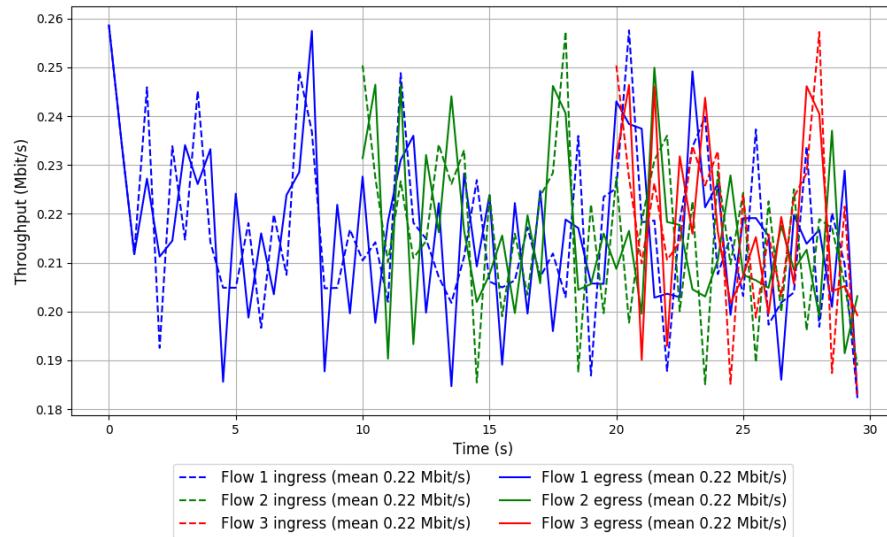


Run 10: Statistics of SCReAM

```
Start at: 2017-09-18 06:54:51
End at: 2017-09-18 06:55:21
Local clock offset: -0.095 ms
Remote clock offset: -3.247 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.349 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

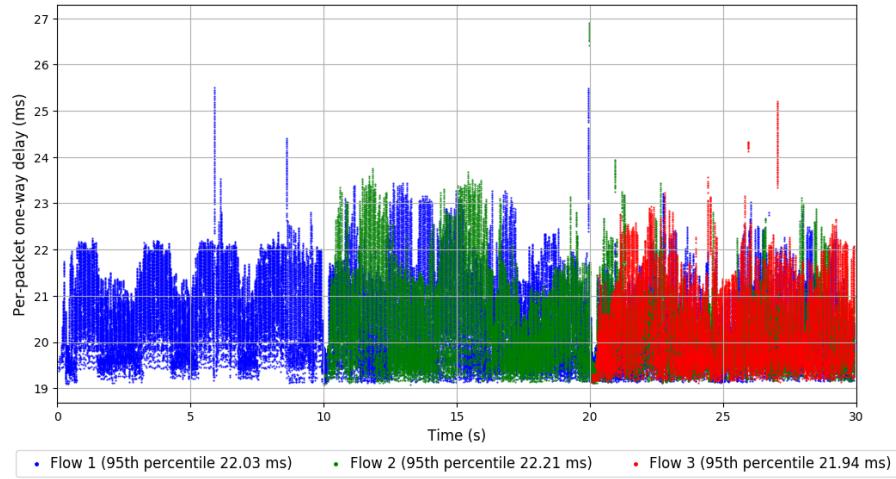
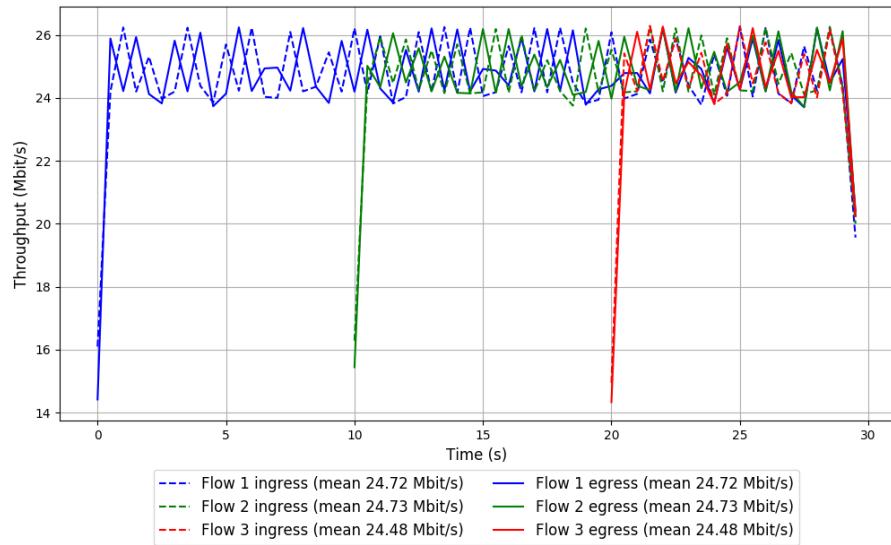


Run 1: Statistics of Sprout

```
Start at: 2017-09-18 03:23:40
End at: 2017-09-18 03:24:10
Local clock offset: -3.218 ms
Remote clock offset: -1.81 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 22.060 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.026 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 22.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 21.942 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

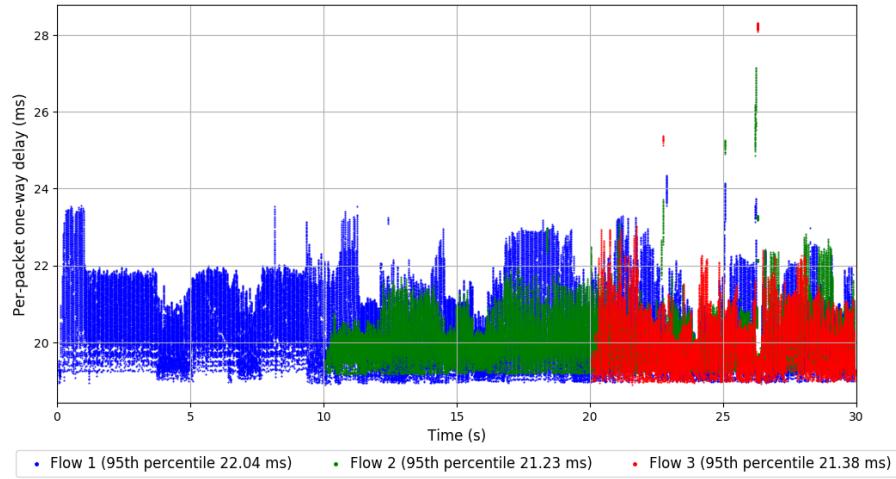
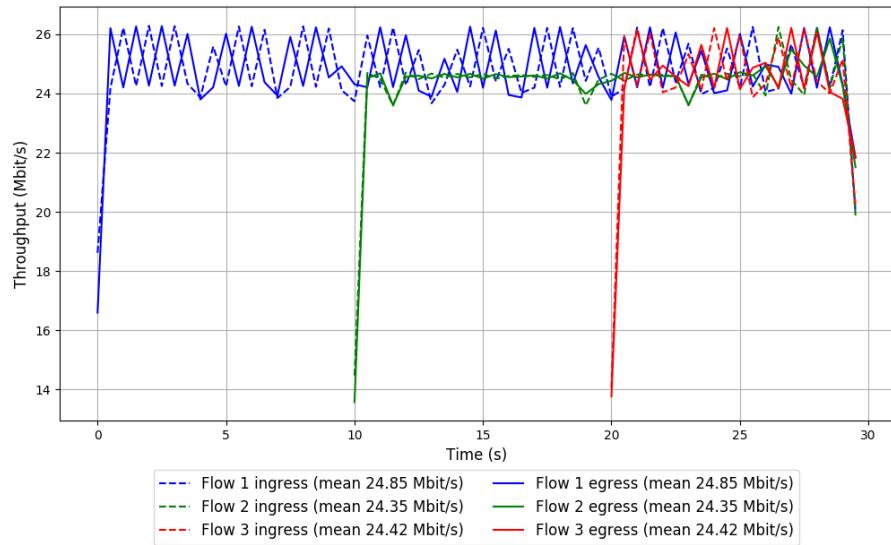


Run 2: Statistics of Sprout

```
Start at: 2017-09-18 03:46:11
End at: 2017-09-18 03:46:41
Local clock offset: -1.666 ms
Remote clock offset: -2.439 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 21.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 22.035 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 21.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 21.378 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

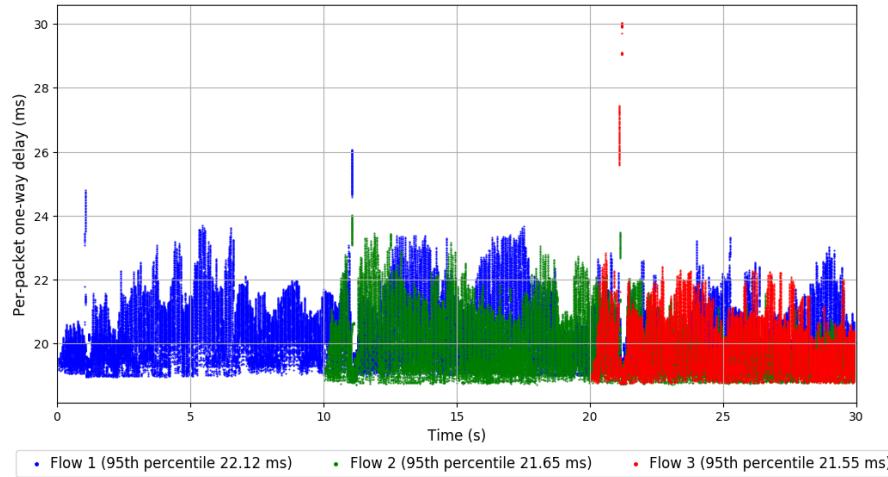
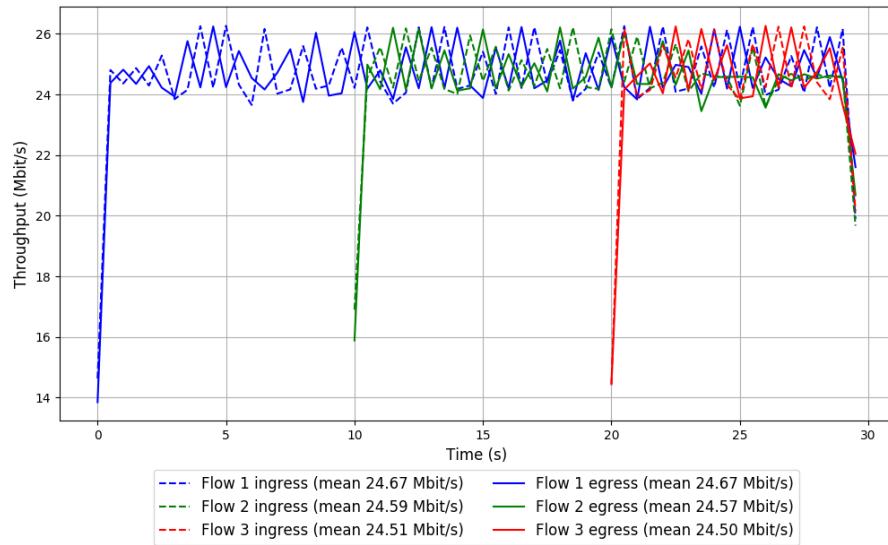


Run 3: Statistics of Sprout

```
Start at: 2017-09-18 04:08:44
End at: 2017-09-18 04:09:14
Local clock offset: 1.175 ms
Remote clock offset: -2.97 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 21.879 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 22.122 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 21.653 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 21.545 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

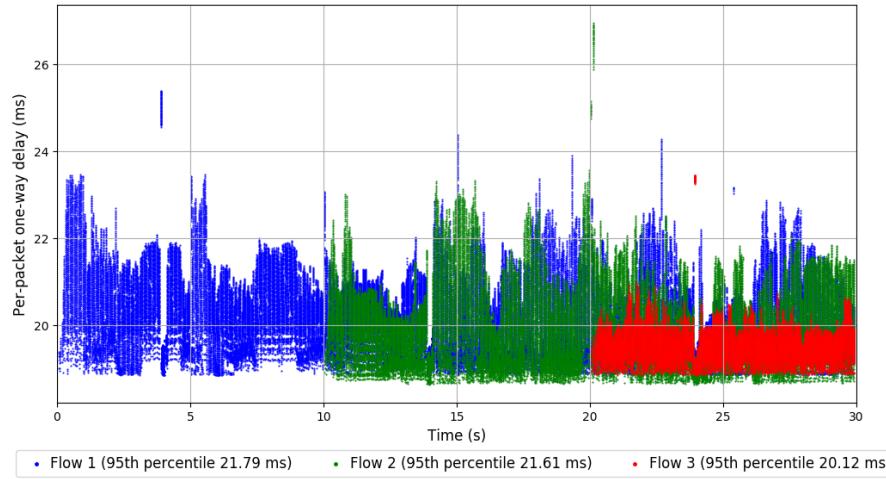
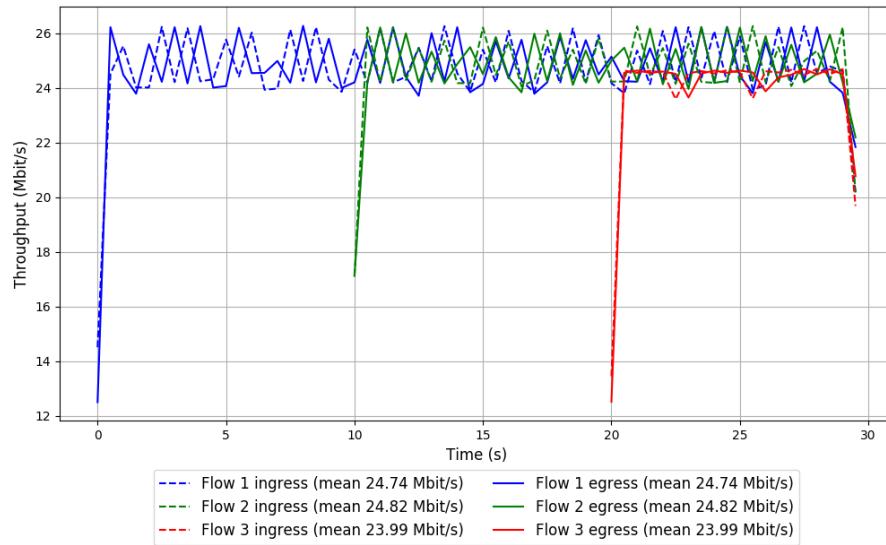


Run 4: Statistics of Sprout

```
Start at: 2017-09-18 04:31:11
End at: 2017-09-18 04:31:41
Local clock offset: 0.893 ms
Remote clock offset: -3.291 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.16 Mbit/s
95th percentile per-packet one-way delay: 21.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 21.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 21.607 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 20.116 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

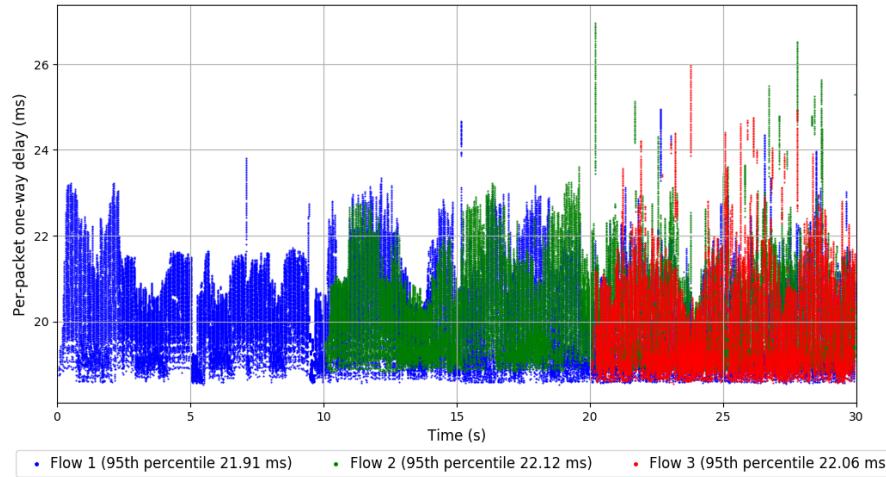
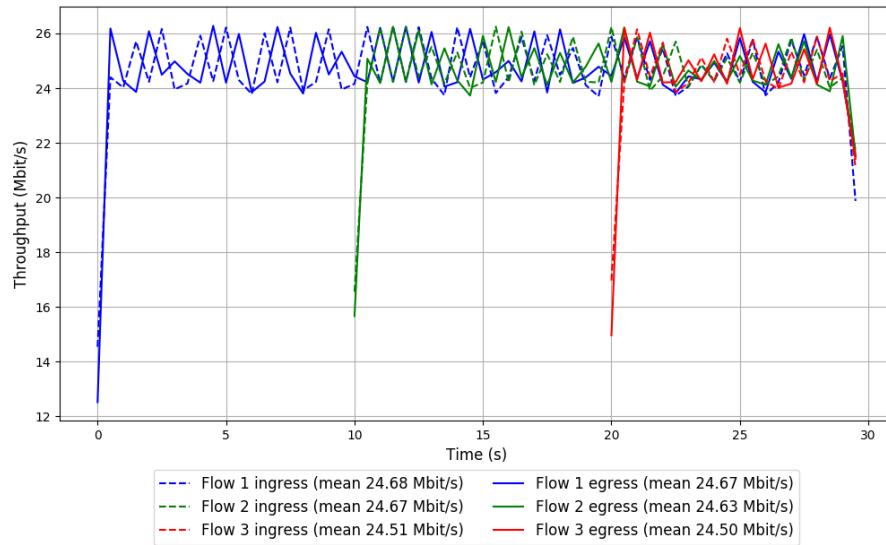


Run 5: Statistics of Sprout

```
Start at: 2017-09-18 04:53:40
End at: 2017-09-18 04:54:10
Local clock offset: 0.628 ms
Remote clock offset: -3.65 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.14 Mbit/s
95th percentile per-packet one-way delay: 22.008 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 21.910 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 22.122 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 22.056 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

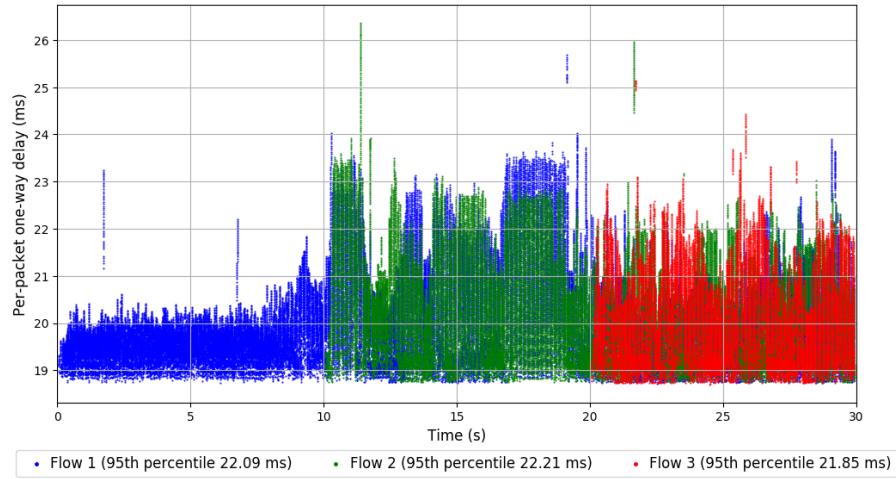
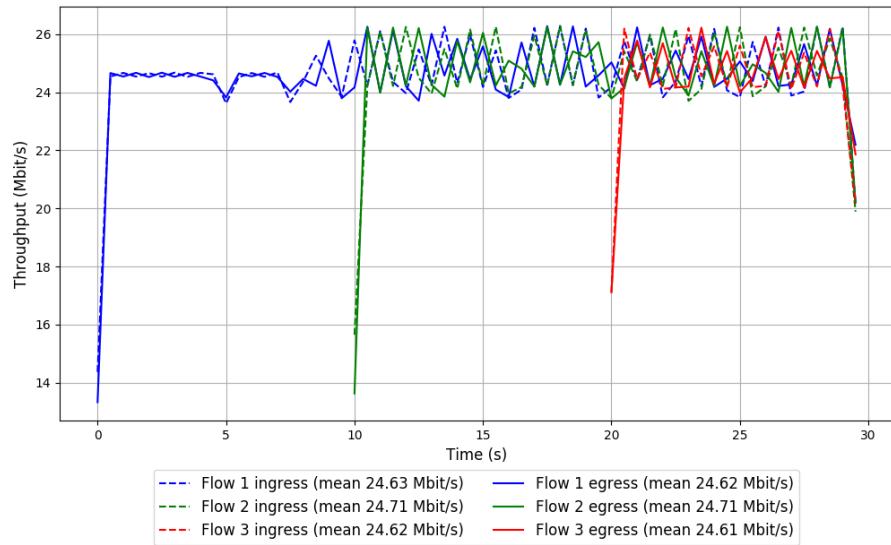


Run 6: Statistics of Sprout

```
Start at: 2017-09-18 05:16:06
End at: 2017-09-18 05:16:36
Local clock offset: 1.046 ms
Remote clock offset: -3.759 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 22.092 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 22.092 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 22.213 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 21.849 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

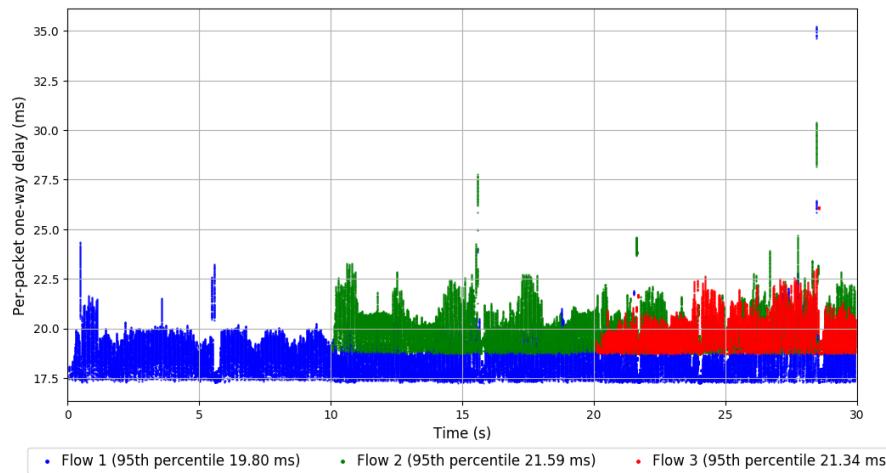
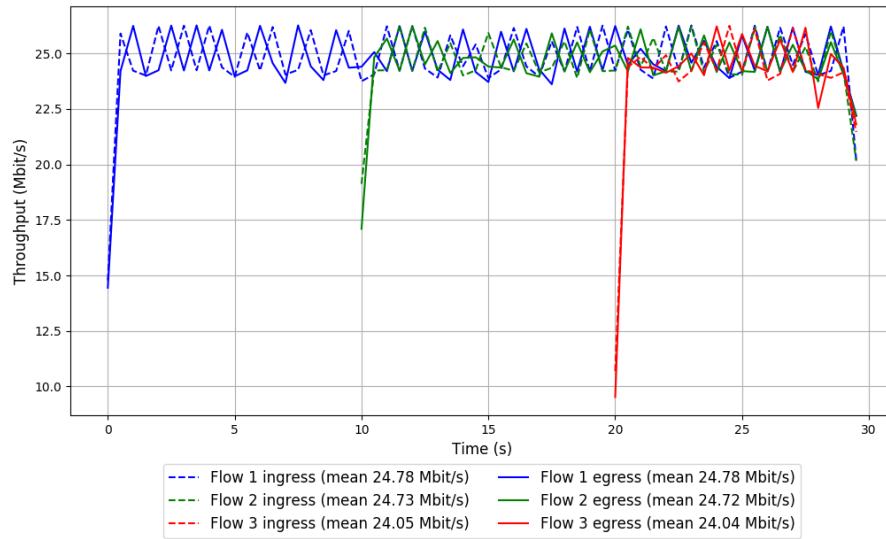


Run 7: Statistics of Sprout

```
Start at: 2017-09-18 05:38:34
End at: 2017-09-18 05:39:04
Local clock offset: 1.07 ms
Remote clock offset: -3.9 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 21.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 19.798 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.588 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 21.344 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

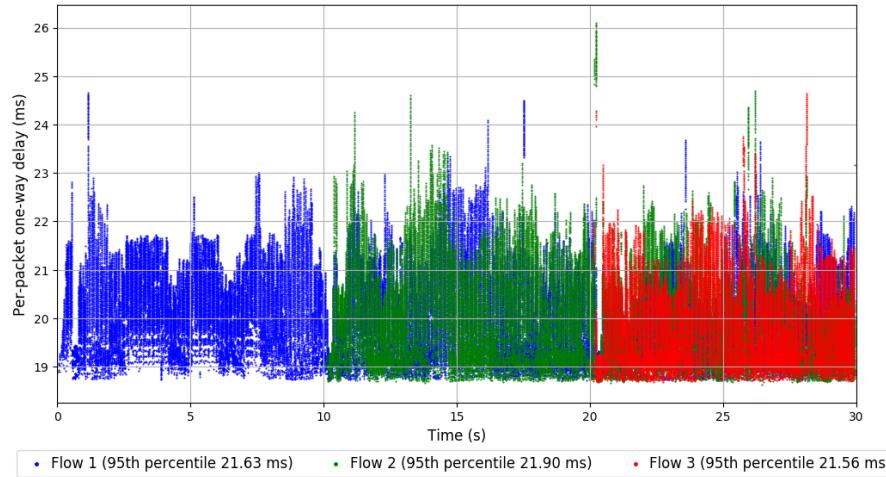
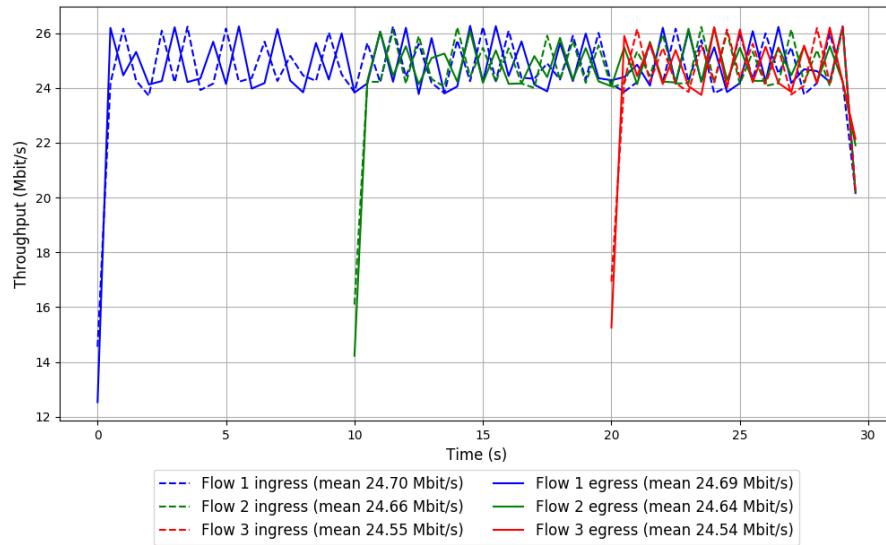


Run 8: Statistics of Sprout

```
Start at: 2017-09-18 06:01:10
End at: 2017-09-18 06:01:40
Local clock offset: 1.066 ms
Remote clock offset: -3.934 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 21.712 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.632 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 21.899 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 21.561 ms
Loss rate: 0.02%
```

Run 8: Report of Sprout — Data Link

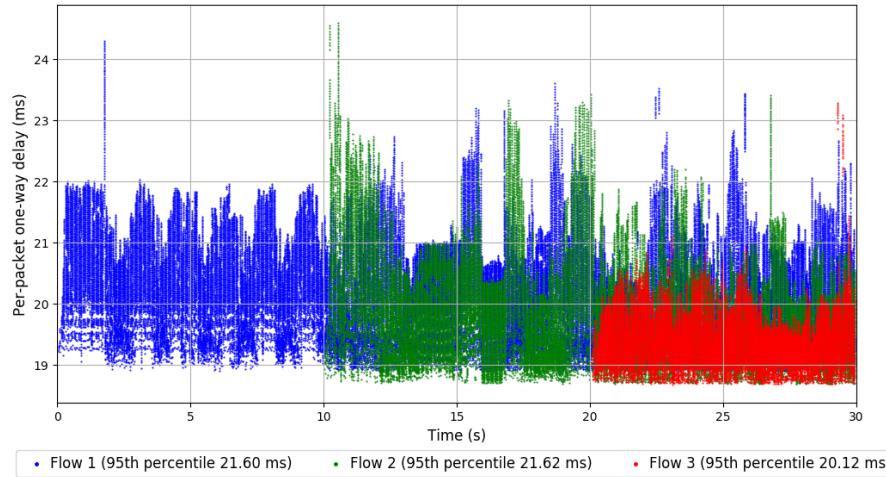
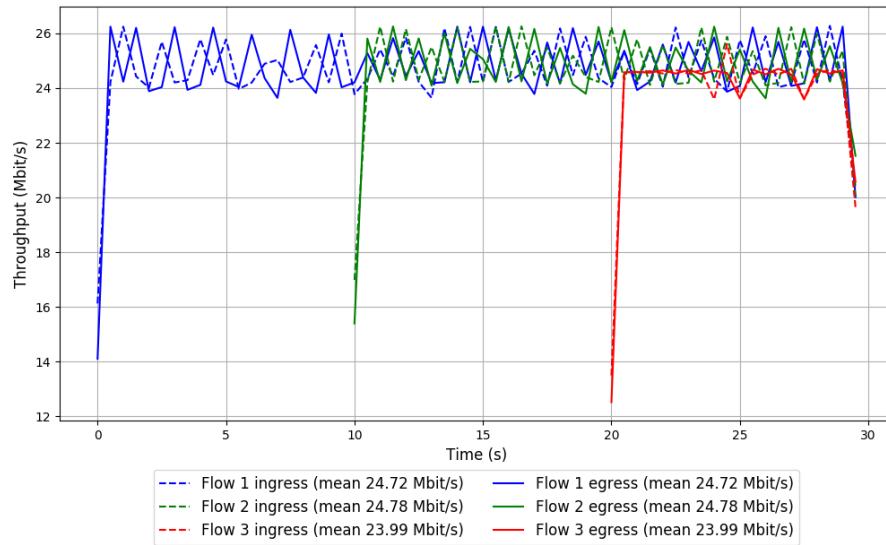


Run 9: Statistics of Sprout

```
Start at: 2017-09-18 06:23:26
End at: 2017-09-18 06:23:56
Local clock offset: 0.74 ms
Remote clock offset: -3.654 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 21.514 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.596 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 21.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 20.122 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

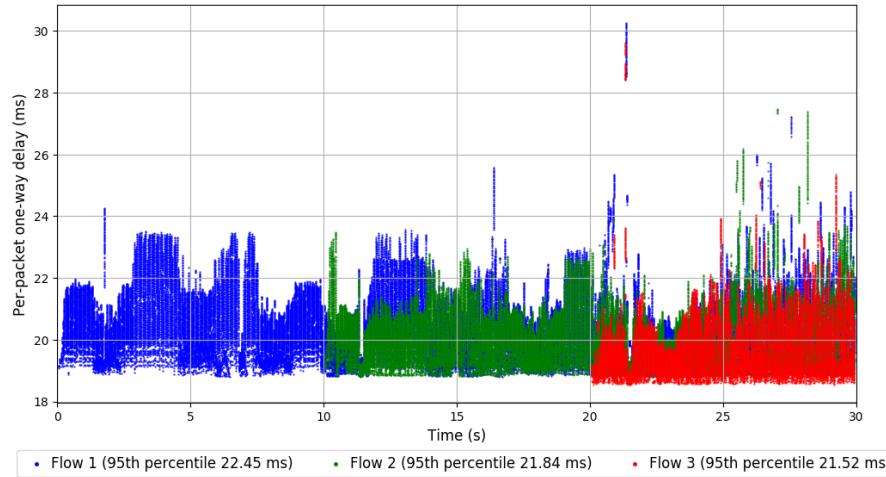
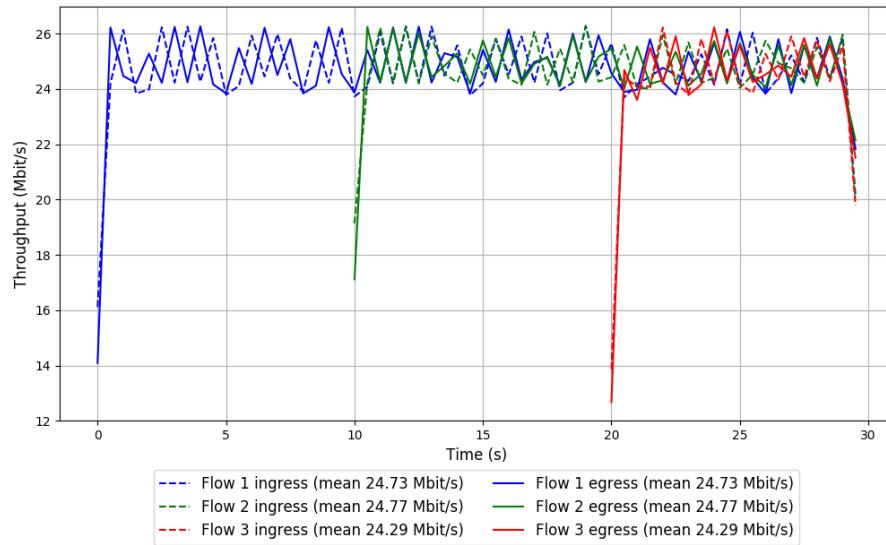


Run 10: Statistics of Sprout

```
Start at: 2017-09-18 06:46:03
End at: 2017-09-18 06:46:33
Local clock offset: 0.201 ms
Remote clock offset: -3.355 ms

# Below is generated by plot.py at 2017-09-18 11:15:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 22.185 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 22.446 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 21.525 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

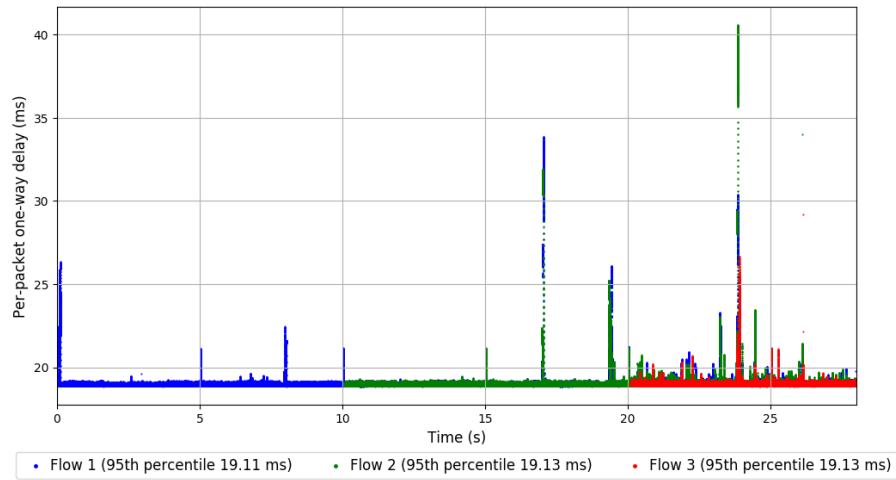
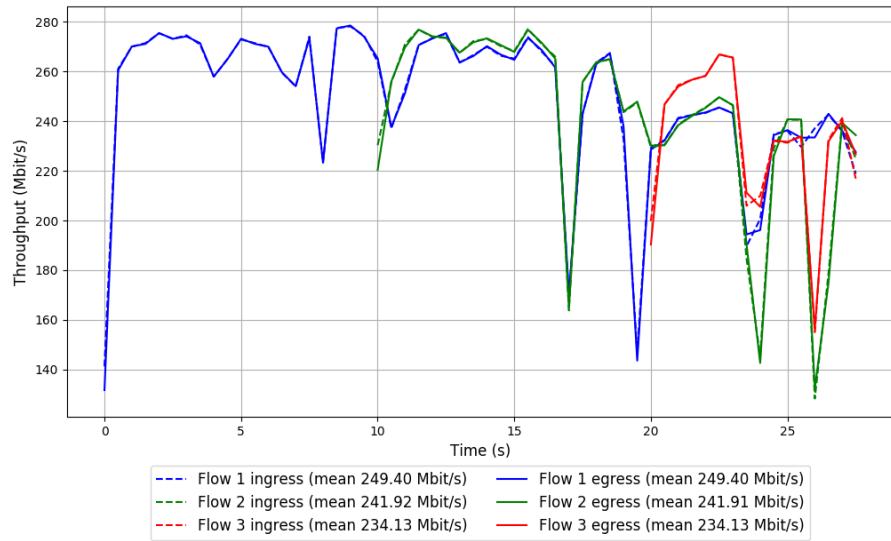


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-18 03:17:55
End at: 2017-09-18 03:18:25
Local clock offset: -3.577 ms
Remote clock offset: -1.817 ms

# Below is generated by plot.py at 2017-09-18 11:21:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 470.87 Mbit/s
95th percentile per-packet one-way delay: 19.122 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 249.40 Mbit/s
95th percentile per-packet one-way delay: 19.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 241.91 Mbit/s
95th percentile per-packet one-way delay: 19.129 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 234.13 Mbit/s
95th percentile per-packet one-way delay: 19.129 ms
Loss rate: 0.00%
```

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

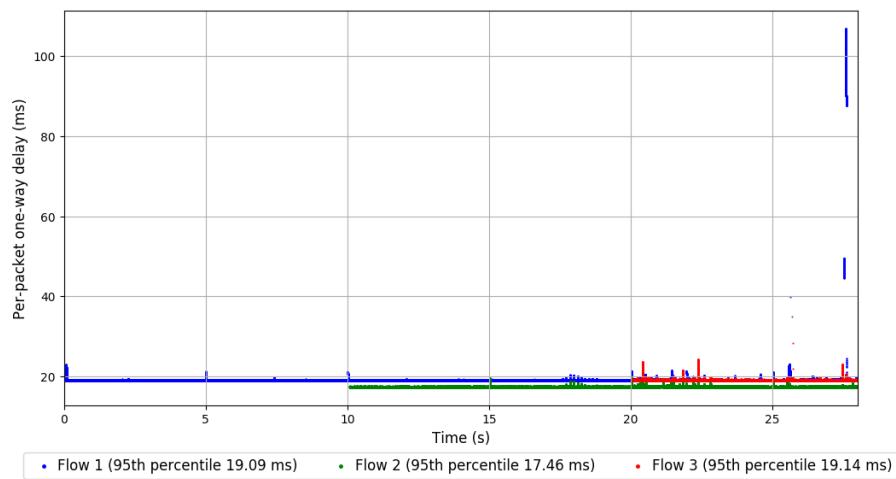
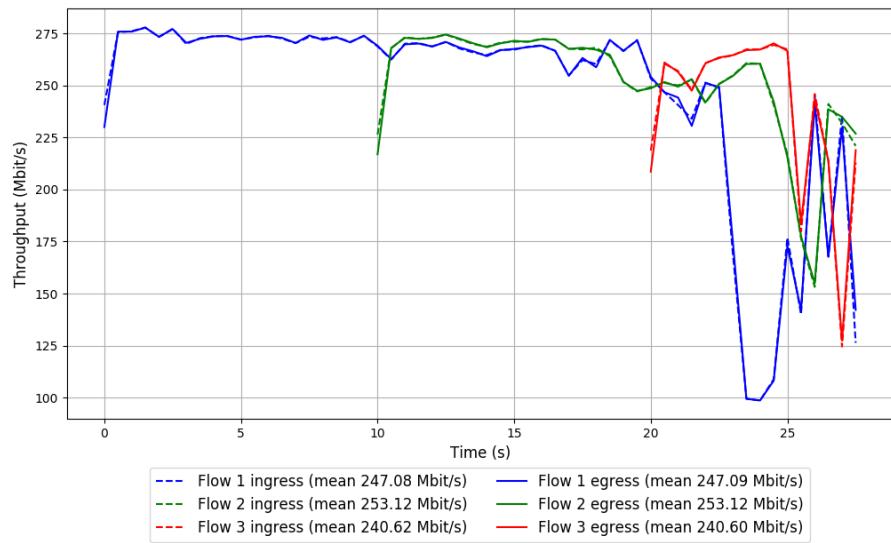


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-18 03:40:26
End at: 2017-09-18 03:40:56
Local clock offset: -1.906 ms
Remote clock offset: -2.352 ms

# Below is generated by plot.py at 2017-09-18 11:21:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.69 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 247.09 Mbit/s
95th percentile per-packet one-way delay: 19.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 253.12 Mbit/s
95th percentile per-packet one-way delay: 17.462 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 240.60 Mbit/s
95th percentile per-packet one-way delay: 19.140 ms
Loss rate: 0.01%
```

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

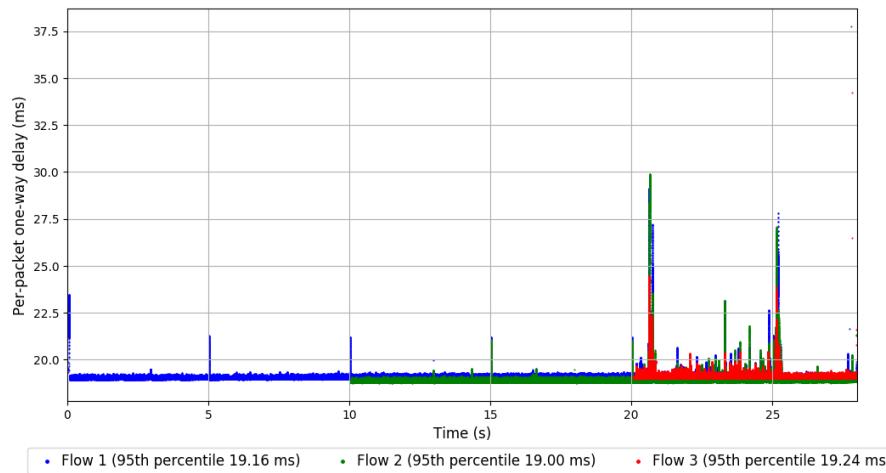
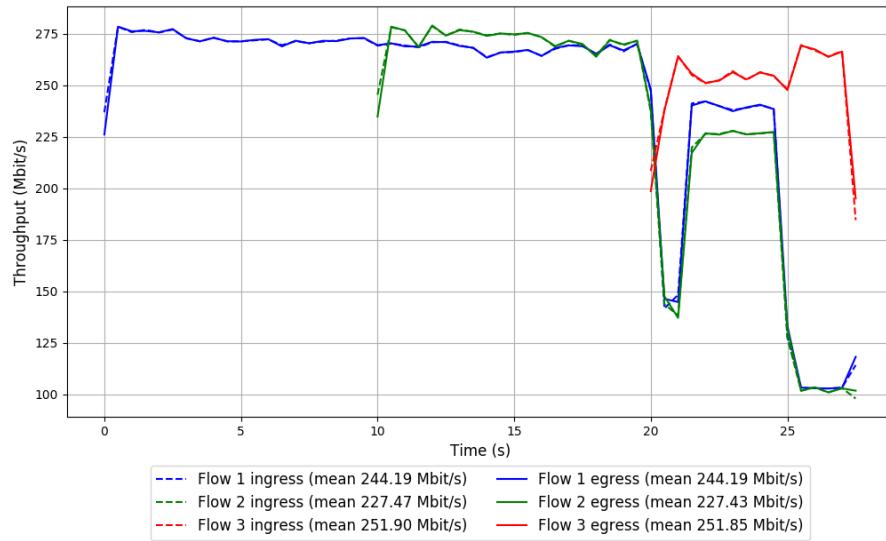


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-18 04:03:03
End at: 2017-09-18 04:03:33
Local clock offset: 0.492 ms
Remote clock offset: -2.951 ms

# Below is generated by plot.py at 2017-09-18 11:21:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 461.52 Mbit/s
95th percentile per-packet one-way delay: 19.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 244.19 Mbit/s
95th percentile per-packet one-way delay: 19.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 227.43 Mbit/s
95th percentile per-packet one-way delay: 19.003 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 251.85 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.00%
```

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

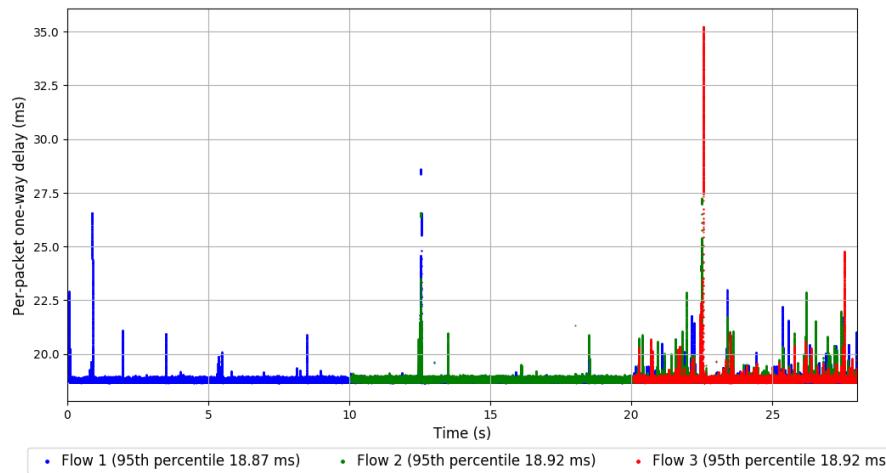
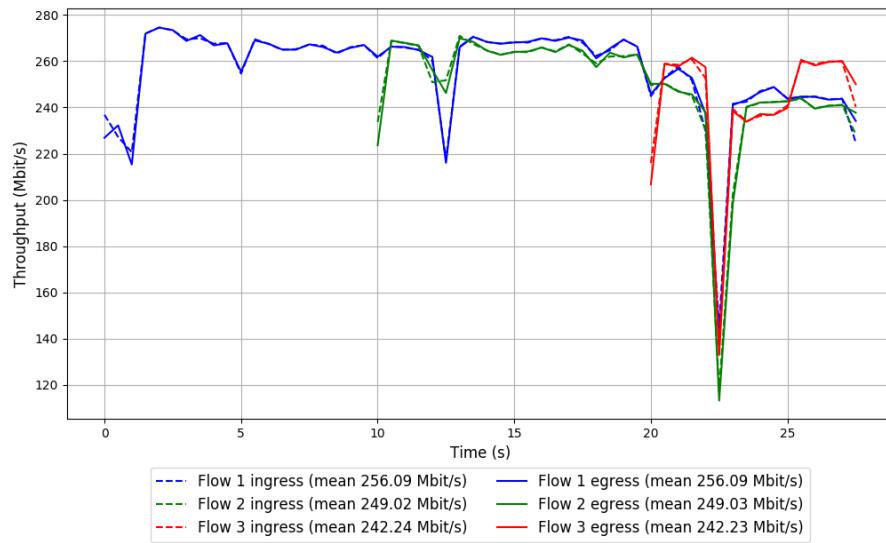


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-09-18 04:25:25
End at: 2017-09-18 04:25:55
Local clock offset: 0.822 ms
Remote clock offset: -3.198 ms

# Below is generated by plot.py at 2017-09-18 11:22:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 484.78 Mbit/s
95th percentile per-packet one-way delay: 18.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.09 Mbit/s
95th percentile per-packet one-way delay: 18.873 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 249.03 Mbit/s
95th percentile per-packet one-way delay: 18.918 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 242.23 Mbit/s
95th percentile per-packet one-way delay: 18.919 ms
Loss rate: 0.00%
```

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

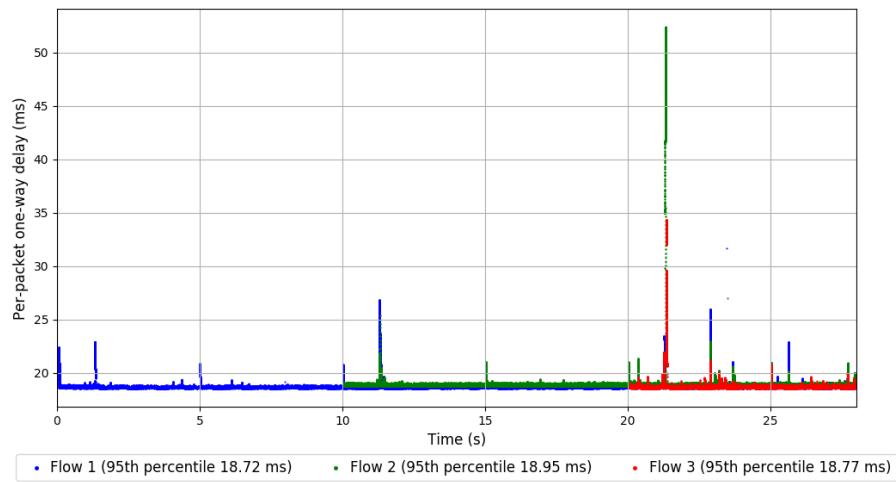
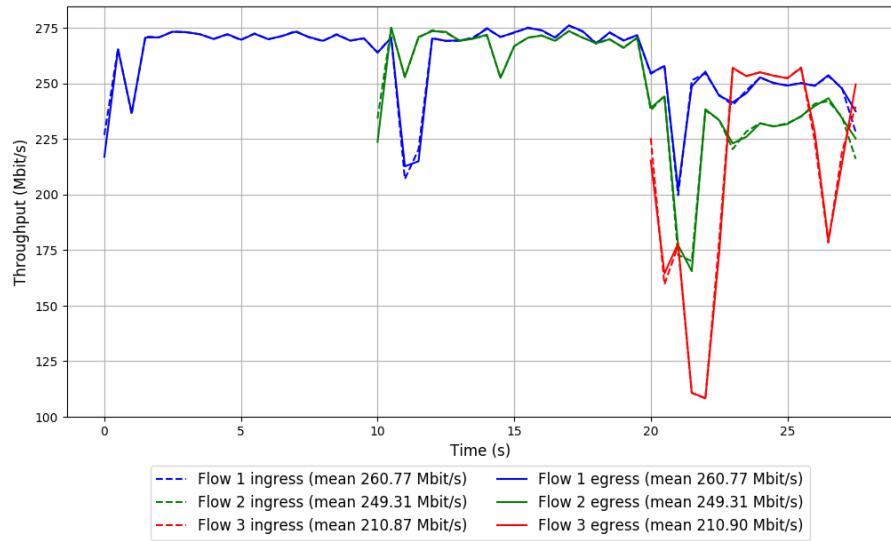


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-18 04:47:56
End at: 2017-09-18 04:48:26
Local clock offset: 0.7 ms
Remote clock offset: -3.646 ms

# Below is generated by plot.py at 2017-09-18 11:22:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 480.73 Mbit/s
95th percentile per-packet one-way delay: 18.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 260.77 Mbit/s
95th percentile per-packet one-way delay: 18.720 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 249.31 Mbit/s
95th percentile per-packet one-way delay: 18.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 210.90 Mbit/s
95th percentile per-packet one-way delay: 18.766 ms
Loss rate: 0.00%
```

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

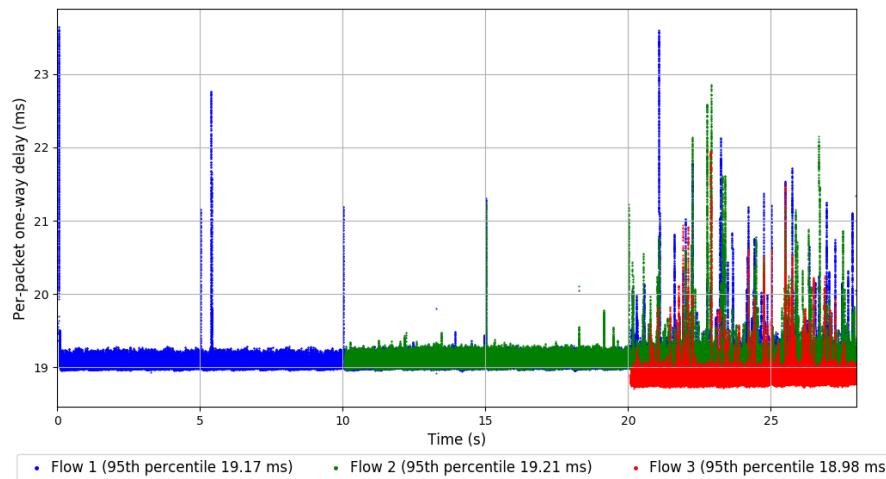
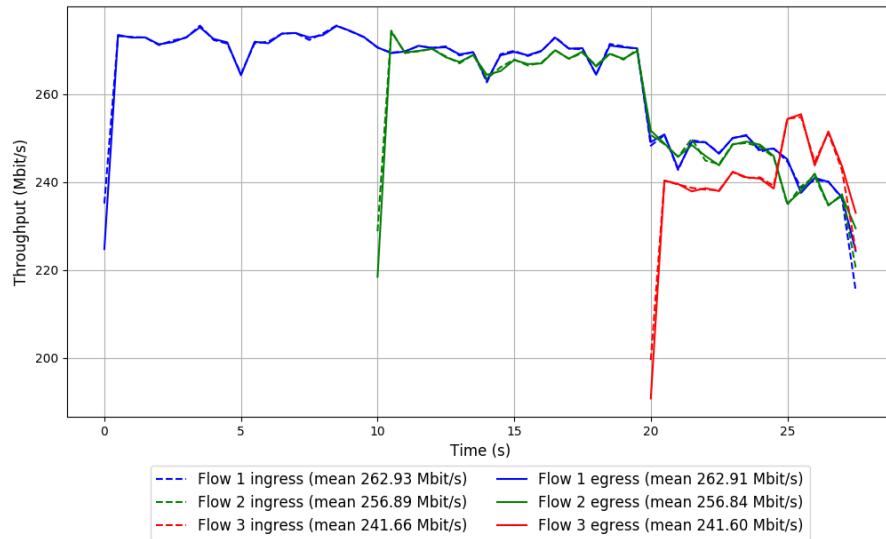


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-18 05:10:30
End at: 2017-09-18 05:11:00
Local clock offset: 0.941 ms
Remote clock offset: -3.595 ms

# Below is generated by plot.py at 2017-09-18 11:22:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 496.09 Mbit/s
95th percentile per-packet one-way delay: 19.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 262.91 Mbit/s
95th percentile per-packet one-way delay: 19.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 256.84 Mbit/s
95th percentile per-packet one-way delay: 19.208 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 241.60 Mbit/s
95th percentile per-packet one-way delay: 18.975 ms
Loss rate: 0.01%
```

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

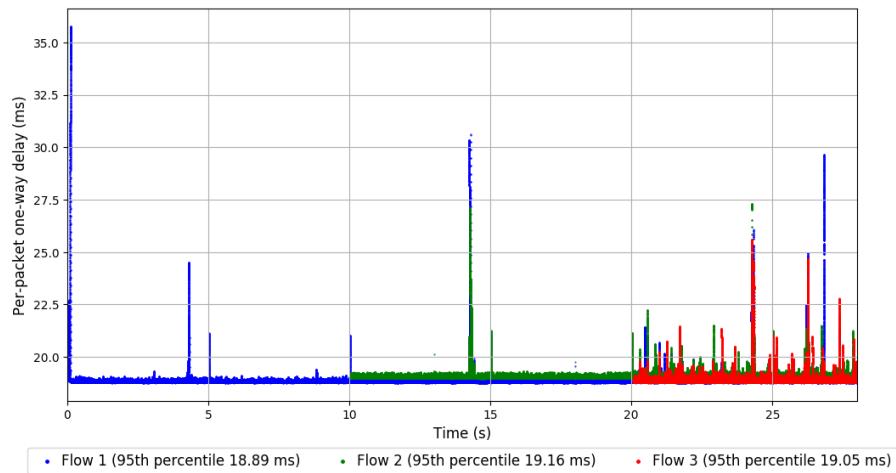
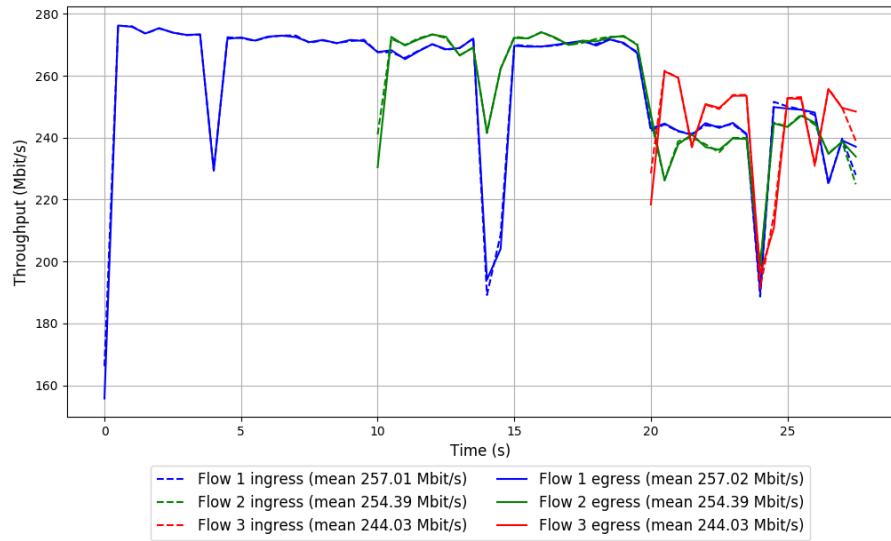


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-18 05:32:49
End at: 2017-09-18 05:33:19
Local clock offset: 1.044 ms
Remote clock offset: -3.801 ms

# Below is generated by plot.py at 2017-09-18 11:28:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 489.80 Mbit/s
95th percentile per-packet one-way delay: 19.093 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 257.02 Mbit/s
95th percentile per-packet one-way delay: 18.895 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 254.39 Mbit/s
95th percentile per-packet one-way delay: 19.158 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 244.03 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.00%
```

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

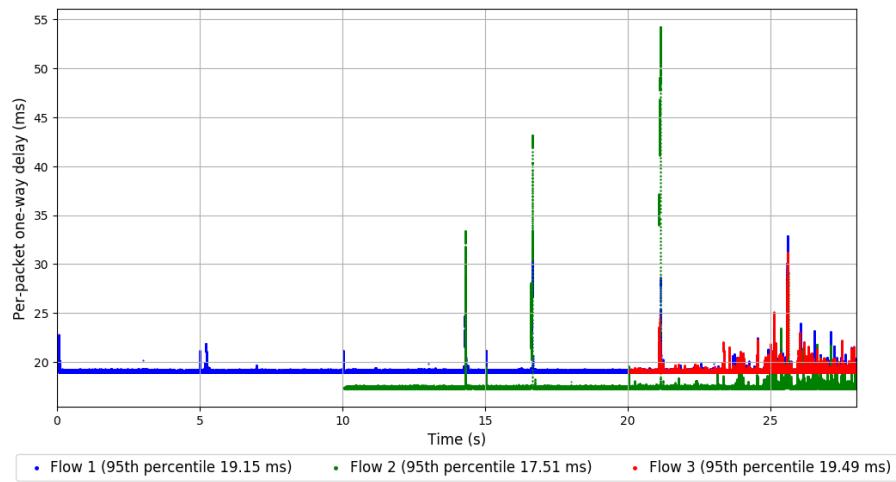
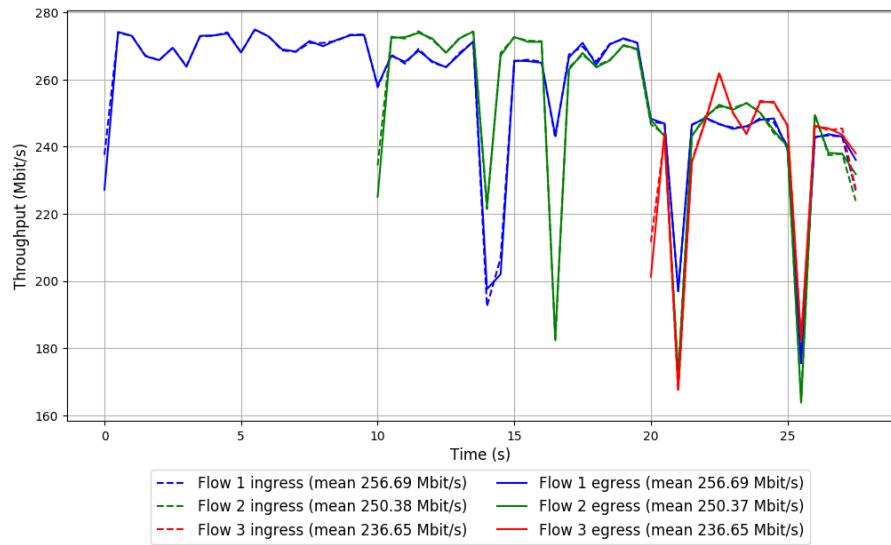


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-18 05:55:28
End at: 2017-09-18 05:55:58
Local clock offset: 1.098 ms
Remote clock offset: -3.915 ms

# Below is generated by plot.py at 2017-09-18 11:28:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 484.56 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.69 Mbit/s
95th percentile per-packet one-way delay: 19.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 250.37 Mbit/s
95th percentile per-packet one-way delay: 17.510 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 236.65 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.00%
```

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

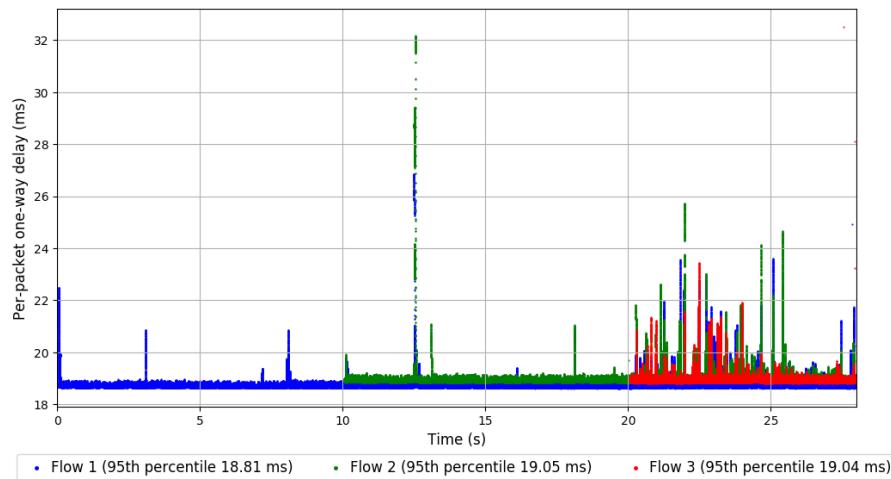
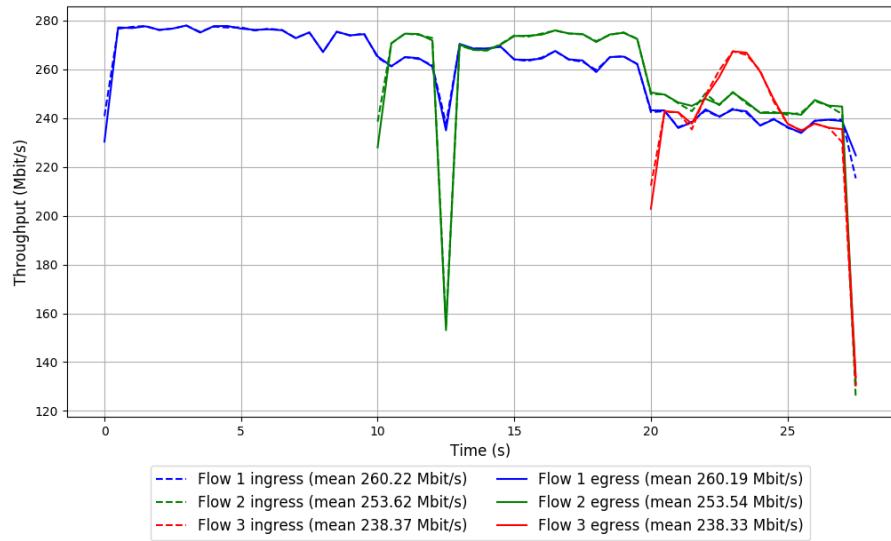


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-18 06:17:35
End at: 2017-09-18 06:18:05
Local clock offset: 0.956 ms
Remote clock offset: -3.683 ms

# Below is generated by plot.py at 2017-09-18 11:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 490.66 Mbit/s
95th percentile per-packet one-way delay: 19.000 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 260.19 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 253.54 Mbit/s
95th percentile per-packet one-way delay: 19.045 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 238.33 Mbit/s
95th percentile per-packet one-way delay: 19.037 ms
Loss rate: 0.00%
```

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

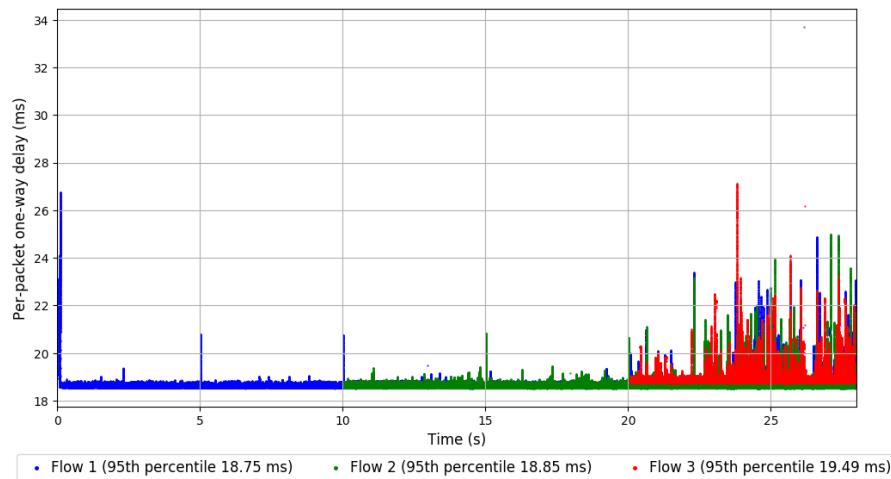
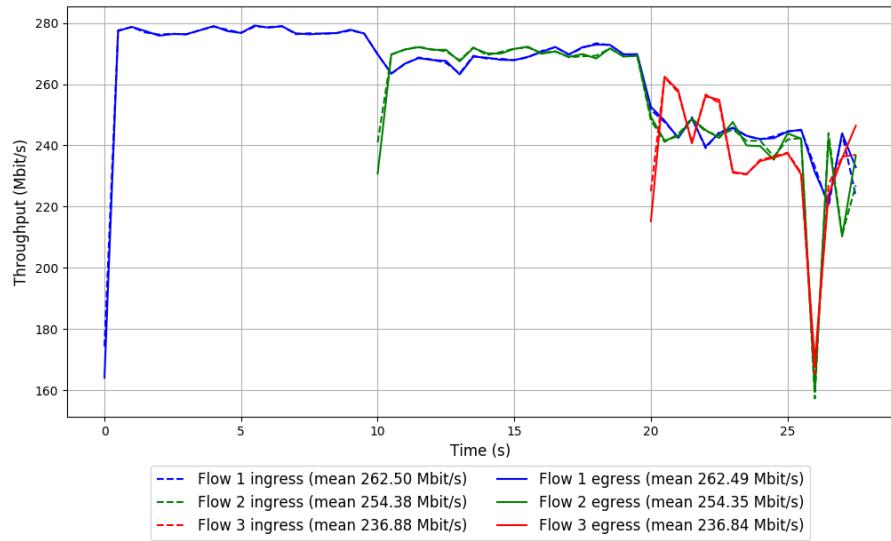


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-18 06:40:16
End at: 2017-09-18 06:40:46
Local clock offset: 0.36 ms
Remote clock offset: -3.402 ms

# Below is generated by plot.py at 2017-09-18 11:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 493.08 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 262.49 Mbit/s
95th percentile per-packet one-way delay: 18.750 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 254.35 Mbit/s
95th percentile per-packet one-way delay: 18.848 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 236.84 Mbit/s
95th percentile per-packet one-way delay: 19.486 ms
Loss rate: 0.01%
```

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

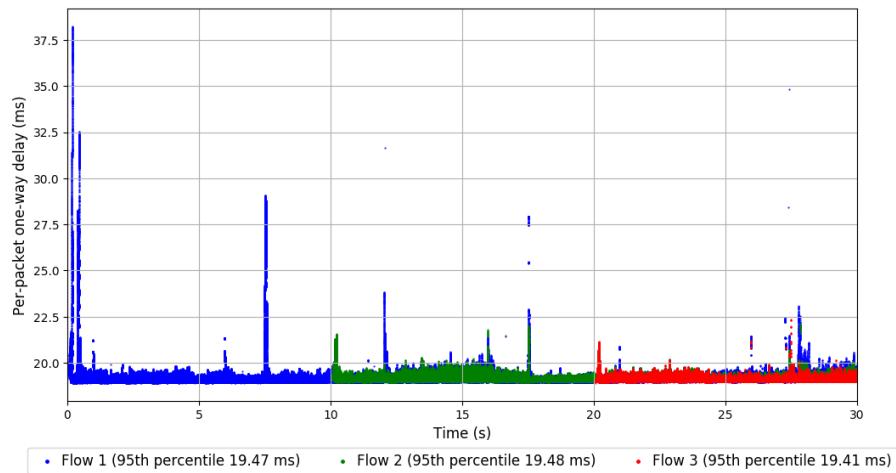
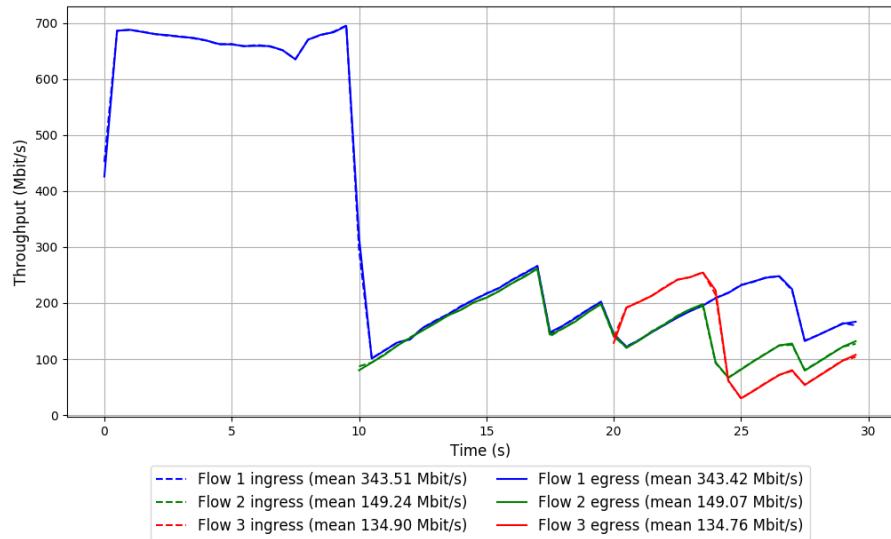


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-18 03:27:47
End at: 2017-09-18 03:28:17
Local clock offset: -2.808 ms
Remote clock offset: -2.028 ms

# Below is generated by plot.py at 2017-09-18 11:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 487.42 Mbit/s
95th percentile per-packet one-way delay: 19.463 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 343.42 Mbit/s
95th percentile per-packet one-way delay: 19.466 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 149.07 Mbit/s
95th percentile per-packet one-way delay: 19.478 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 134.76 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.10%
```

Run 1: Report of TCP Vegas — Data Link

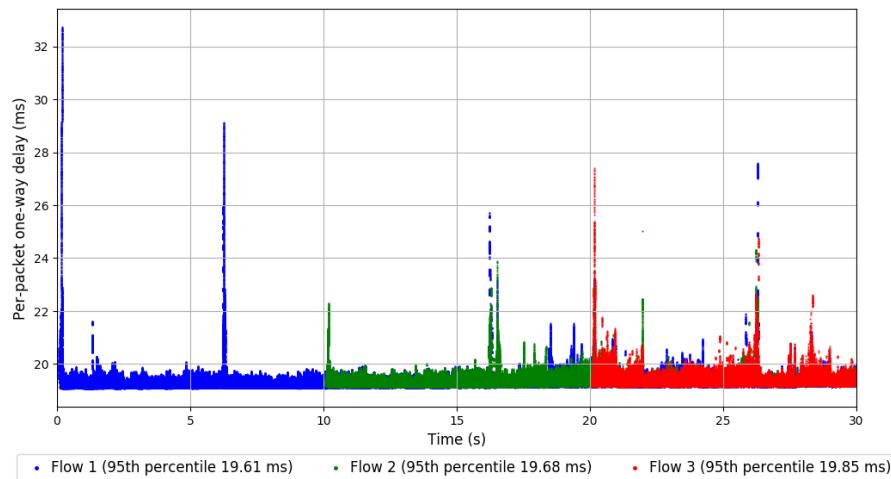
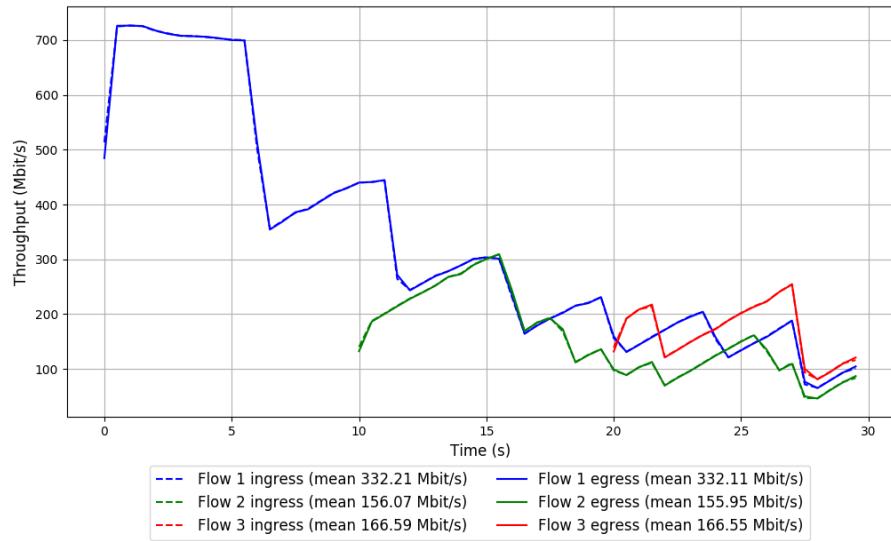


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-18 03:50:19
End at: 2017-09-18 03:50:49
Local clock offset: -1.167 ms
Remote clock offset: -2.522 ms

# Below is generated by plot.py at 2017-09-18 11:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 491.22 Mbit/s
95th percentile per-packet one-way delay: 19.660 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 332.11 Mbit/s
95th percentile per-packet one-way delay: 19.608 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 155.95 Mbit/s
95th percentile per-packet one-way delay: 19.682 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 166.55 Mbit/s
95th percentile per-packet one-way delay: 19.852 ms
Loss rate: 0.02%
```

Run 2: Report of TCP Vegas — Data Link

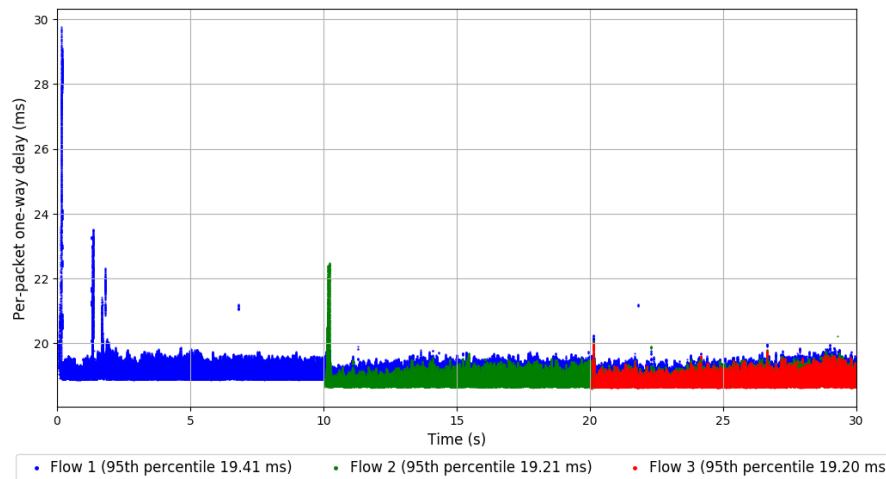
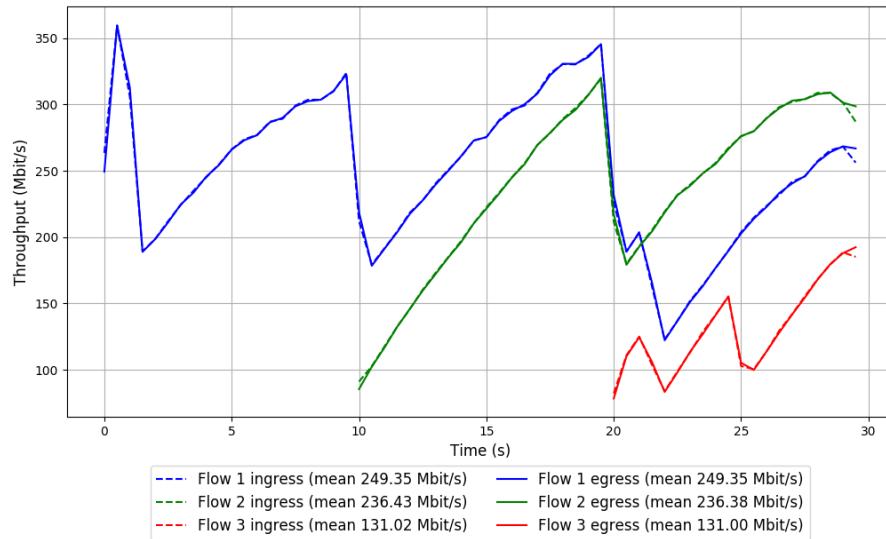


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-18 04:12:51
End at: 2017-09-18 04:13:21
Local clock offset: 1.1 ms
Remote clock offset: -3.204 ms

# Below is generated by plot.py at 2017-09-18 11:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 450.31 Mbit/s
95th percentile per-packet one-way delay: 19.362 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 249.35 Mbit/s
95th percentile per-packet one-way delay: 19.410 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 236.38 Mbit/s
95th percentile per-packet one-way delay: 19.214 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 131.00 Mbit/s
95th percentile per-packet one-way delay: 19.196 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

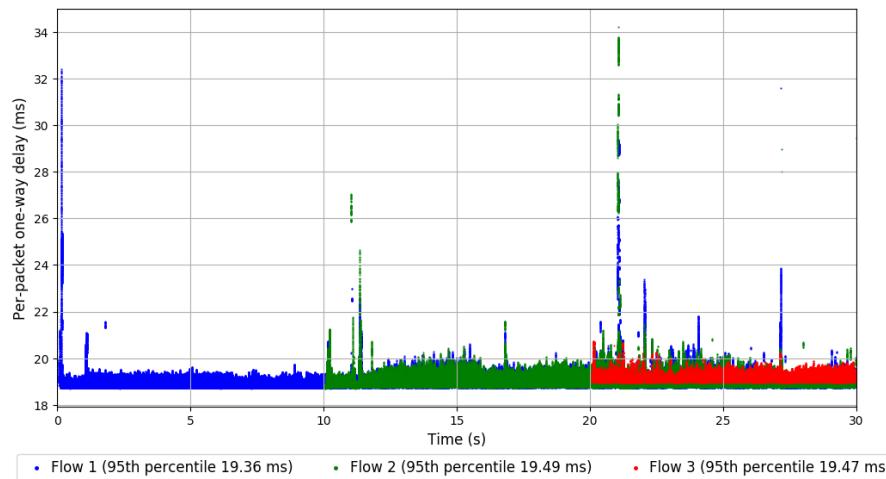
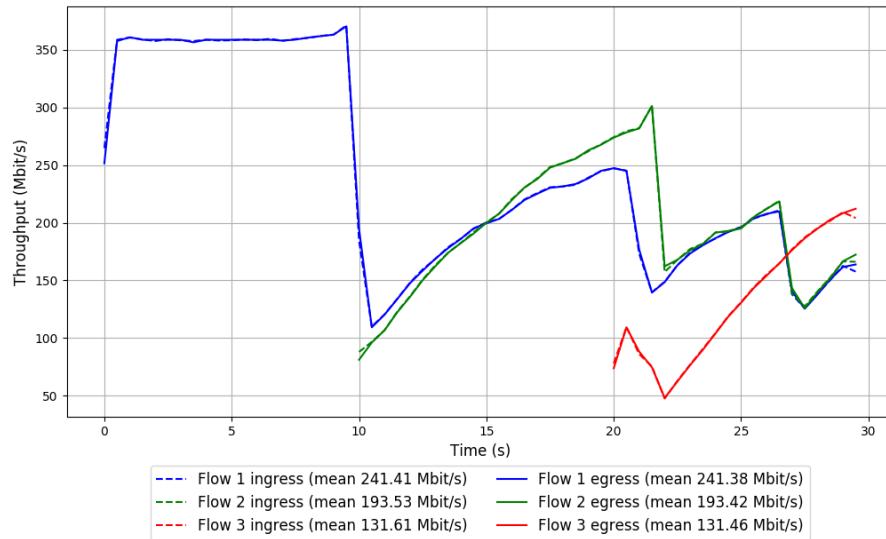


Run 4: Statistics of TCP Vegas

```
Start at: 2017-09-18 04:35:19
End at: 2017-09-18 04:35:49
Local clock offset: 0.784 ms
Remote clock offset: -3.344 ms

# Below is generated by plot.py at 2017-09-18 11:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 413.73 Mbit/s
95th percentile per-packet one-way delay: 19.429 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 241.38 Mbit/s
95th percentile per-packet one-way delay: 19.364 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 193.42 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 131.46 Mbit/s
95th percentile per-packet one-way delay: 19.468 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

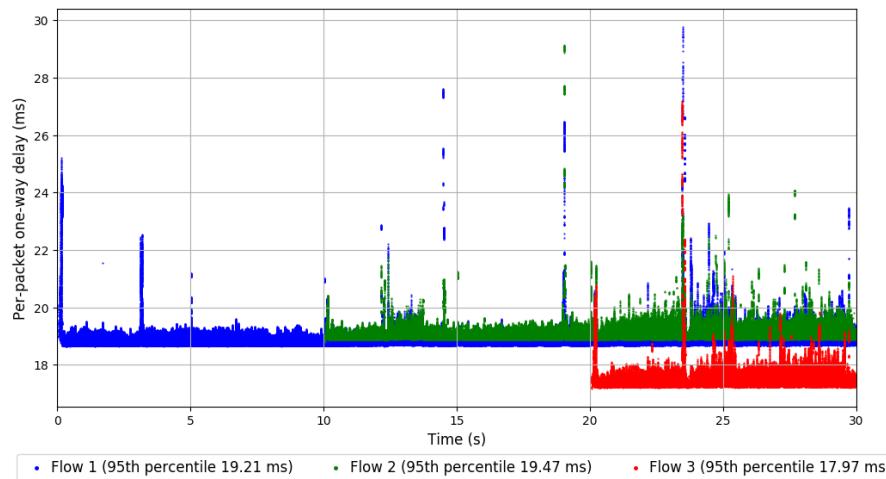
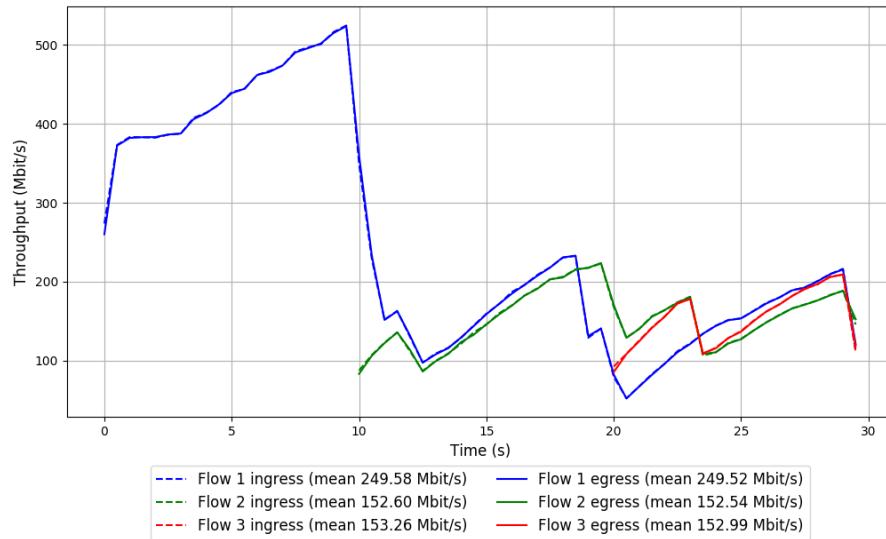


Run 5: Statistics of TCP Vegas

```
Start at: 2017-09-18 04:57:47
End at: 2017-09-18 04:58:17
Local clock offset: 0.686 ms
Remote clock offset: -3.575 ms

# Below is generated by plot.py at 2017-09-18 11:34:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.88 Mbit/s
95th percentile per-packet one-way delay: 19.324 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 249.52 Mbit/s
95th percentile per-packet one-way delay: 19.214 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 152.54 Mbit/s
95th percentile per-packet one-way delay: 19.472 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 152.99 Mbit/s
95th percentile per-packet one-way delay: 17.973 ms
Loss rate: 0.17%
```

Run 5: Report of TCP Vegas — Data Link

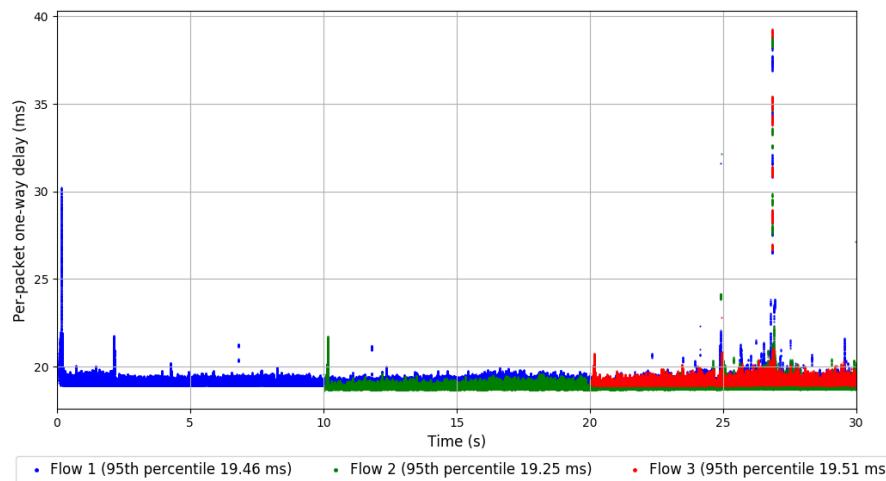
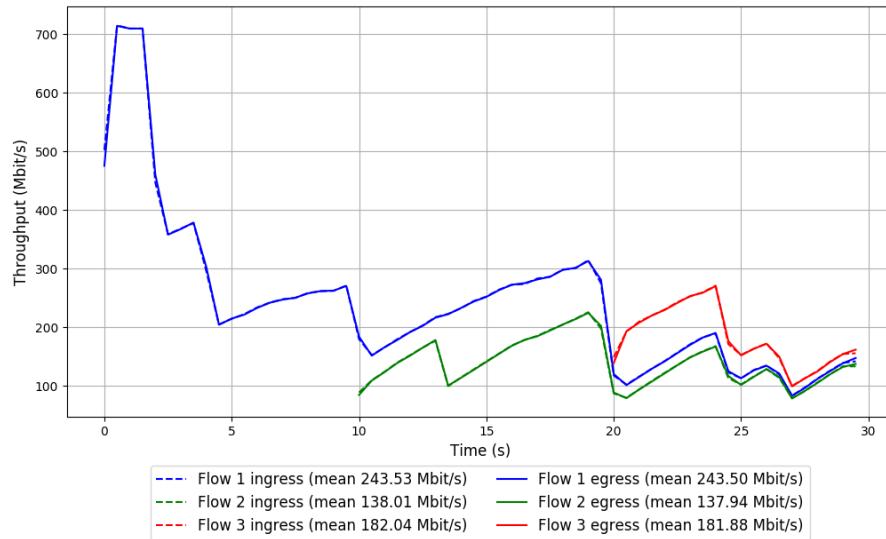


Run 6: Statistics of TCP Vegas

```
Start at: 2017-09-18 05:20:12
End at: 2017-09-18 05:20:42
Local clock offset: 1.059 ms
Remote clock offset: -3.845 ms

# Below is generated by plot.py at 2017-09-18 11:34:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.78 Mbit/s
95th percentile per-packet one-way delay: 19.446 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 243.50 Mbit/s
95th percentile per-packet one-way delay: 19.464 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 137.94 Mbit/s
95th percentile per-packet one-way delay: 19.250 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 181.88 Mbit/s
95th percentile per-packet one-way delay: 19.506 ms
Loss rate: 0.09%
```

Run 6: Report of TCP Vegas — Data Link

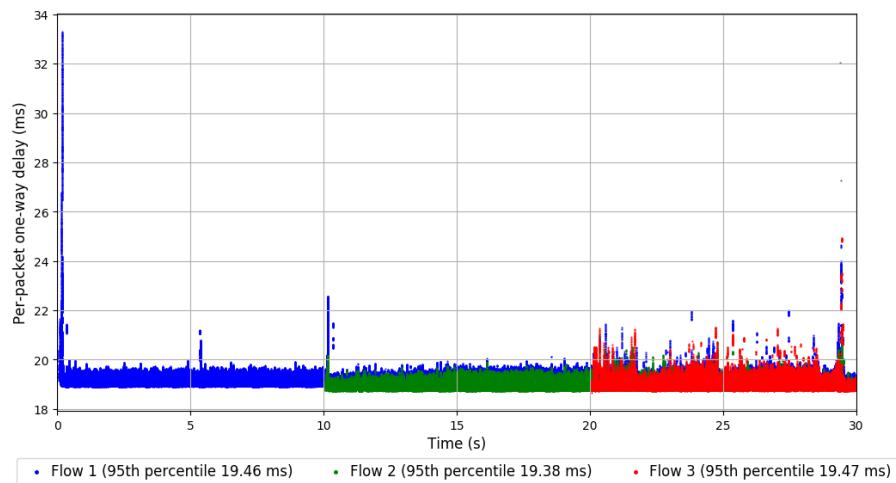
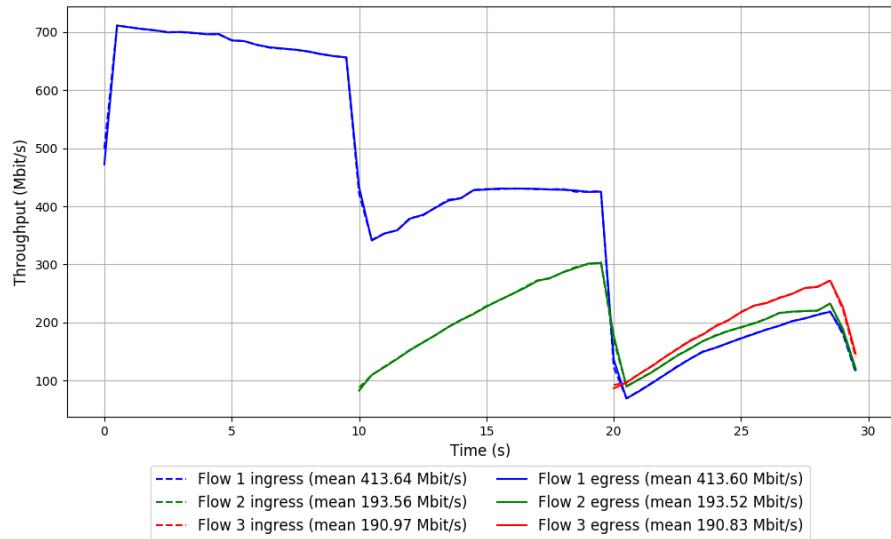


Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-18 05:42:41
End at: 2017-09-18 05:43:11
Local clock offset: 0.99 ms
Remote clock offset: -4.057 ms

# Below is generated by plot.py at 2017-09-18 11:37:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 605.85 Mbit/s
95th percentile per-packet one-way delay: 19.449 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 413.60 Mbit/s
95th percentile per-packet one-way delay: 19.462 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 193.52 Mbit/s
95th percentile per-packet one-way delay: 19.376 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 190.83 Mbit/s
95th percentile per-packet one-way delay: 19.467 ms
Loss rate: 0.07%
```

Run 7: Report of TCP Vegas — Data Link

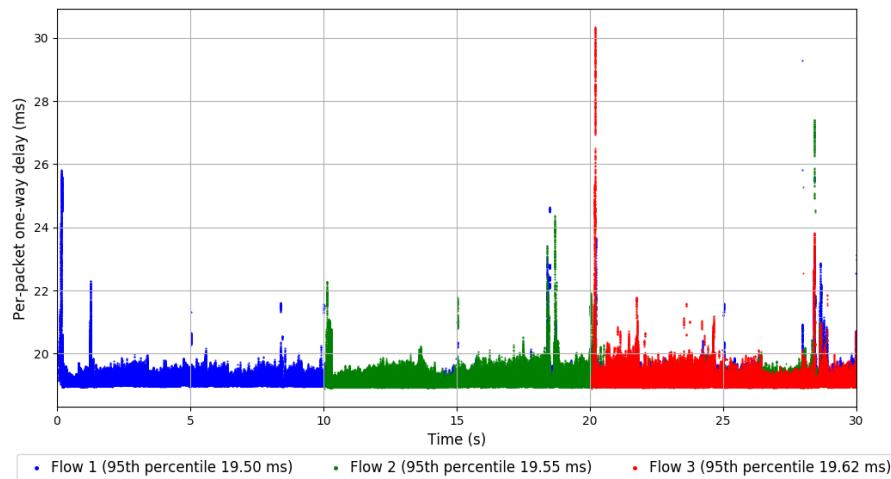
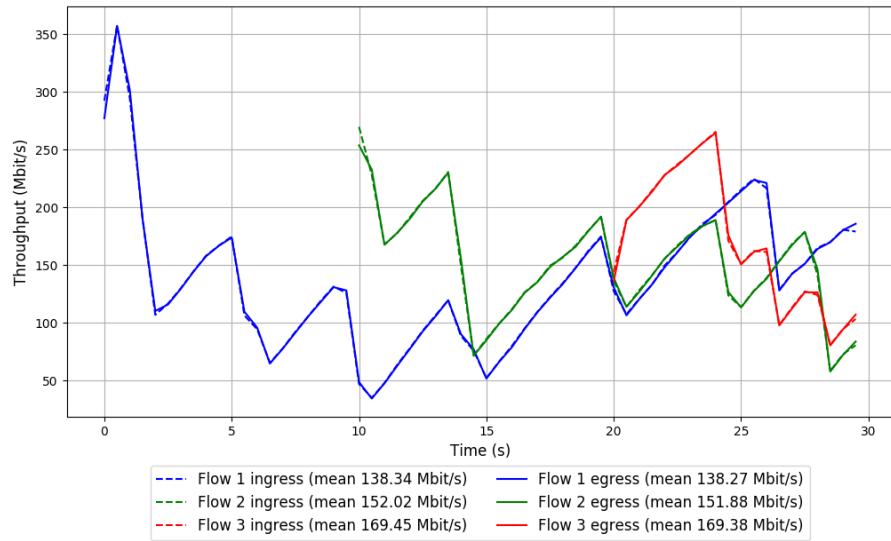


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-18 06:05:16
End at: 2017-09-18 06:05:46
Local clock offset: 1.0 ms
Remote clock offset: -3.932 ms

# Below is generated by plot.py at 2017-09-18 11:37:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 295.64 Mbit/s
95th percentile per-packet one-way delay: 19.543 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 138.27 Mbit/s
95th percentile per-packet one-way delay: 19.498 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 151.88 Mbit/s
95th percentile per-packet one-way delay: 19.547 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 169.38 Mbit/s
95th percentile per-packet one-way delay: 19.624 ms
Loss rate: 0.03%
```

Run 8: Report of TCP Vegas — Data Link

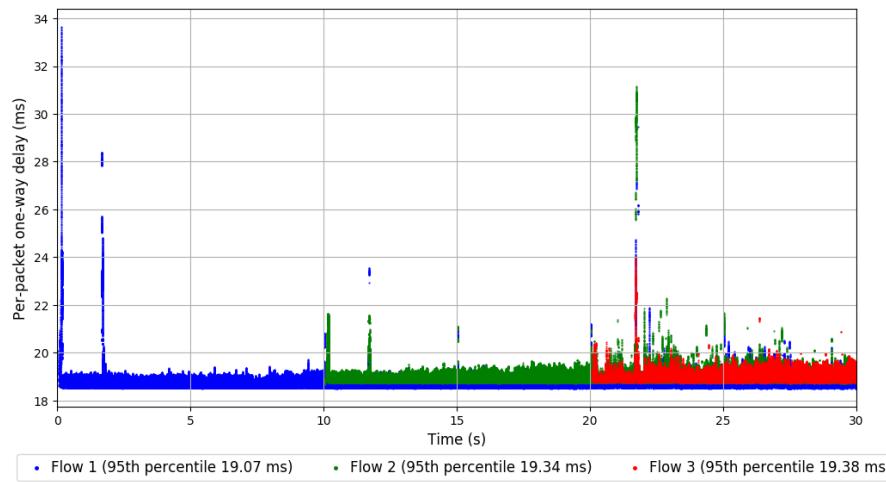
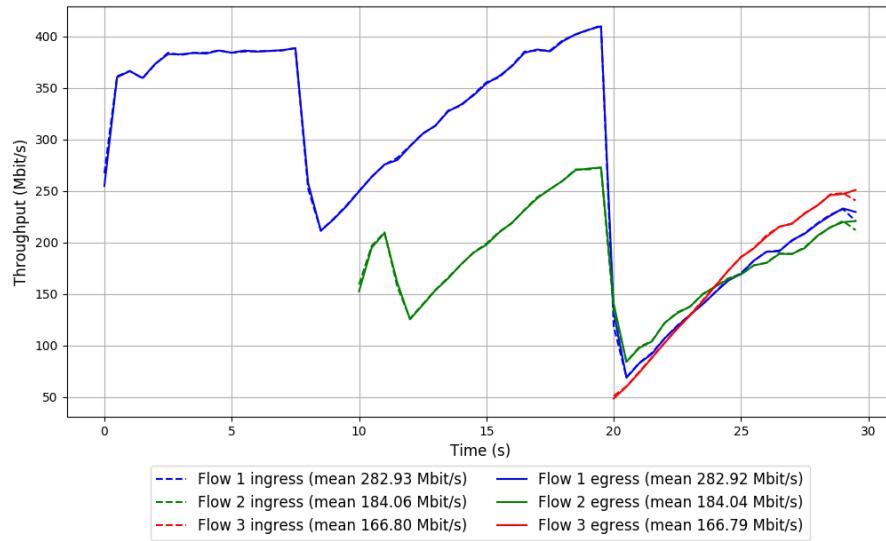


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-18 06:27:33
End at: 2017-09-18 06:28:03
Local clock offset: 0.733 ms
Remote clock offset: -3.572 ms

# Below is generated by plot.py at 2017-09-18 11:37:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 460.84 Mbit/s
95th percentile per-packet one-way delay: 19.245 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 282.92 Mbit/s
95th percentile per-packet one-way delay: 19.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.04 Mbit/s
95th percentile per-packet one-way delay: 19.336 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 166.79 Mbit/s
95th percentile per-packet one-way delay: 19.375 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

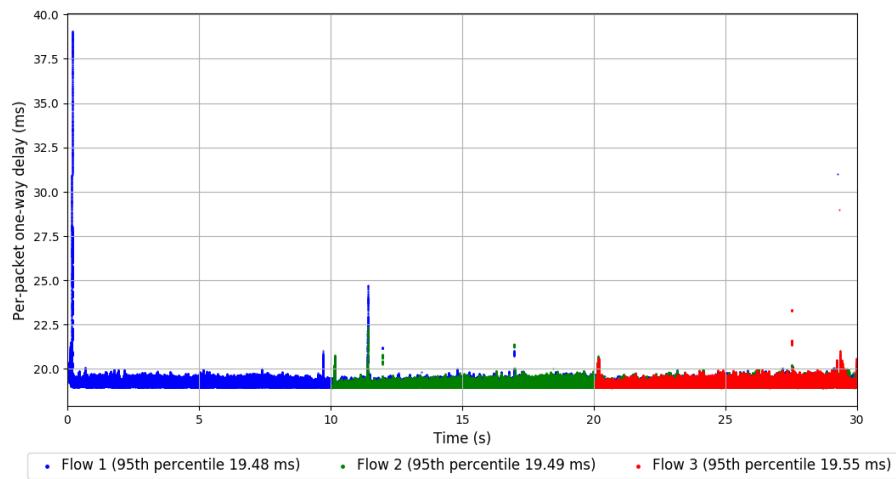
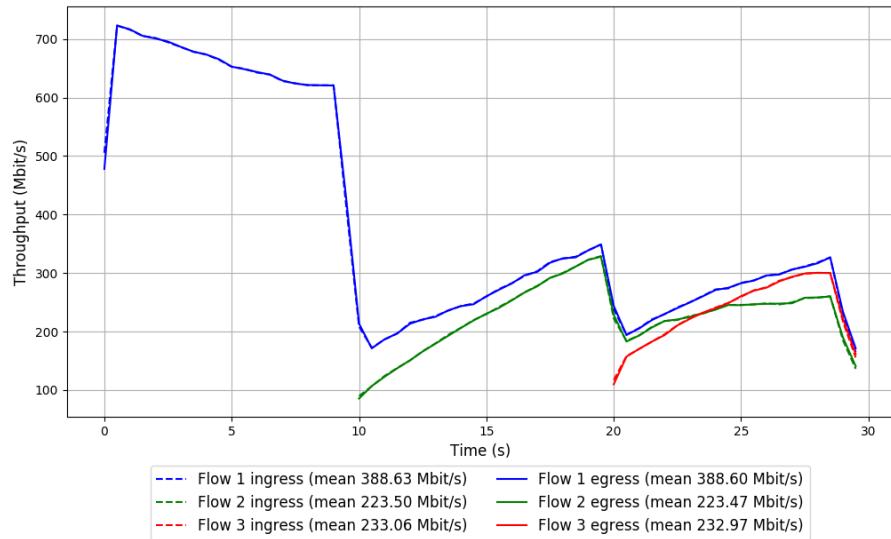


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-18 06:50:11
End at: 2017-09-18 06:50:41
Local clock offset: 0.003 ms
Remote clock offset: -3.181 ms

# Below is generated by plot.py at 2017-09-18 11:38:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 614.77 Mbit/s
95th percentile per-packet one-way delay: 19.489 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 388.60 Mbit/s
95th percentile per-packet one-way delay: 19.477 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 223.47 Mbit/s
95th percentile per-packet one-way delay: 19.489 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 232.97 Mbit/s
95th percentile per-packet one-way delay: 19.550 ms
Loss rate: 0.04%
```

Run 10: Report of TCP Vegas — Data Link

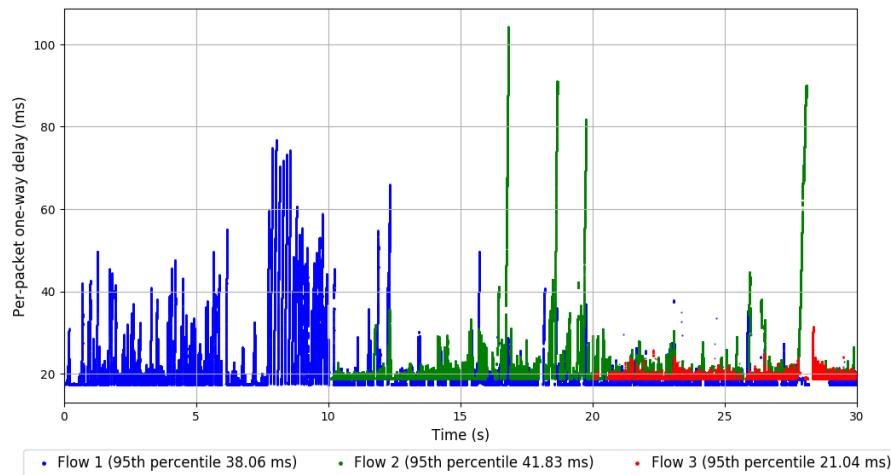
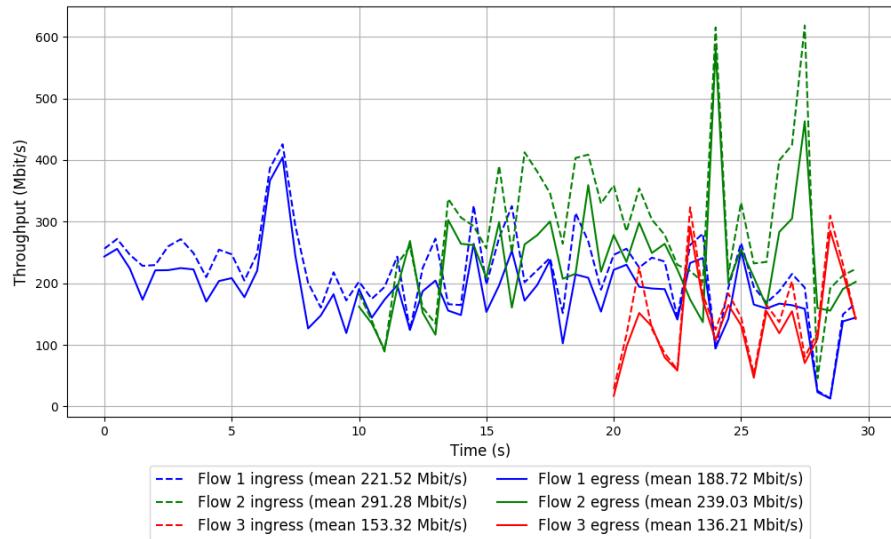


Run 1: Statistics of Verus

```
Start at: 2017-09-18 03:29:18
End at: 2017-09-18 03:29:48
Local clock offset: -2.604 ms
Remote clock offset: -1.967 ms

# Below is generated by plot.py at 2017-09-18 11:39:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 392.18 Mbit/s
95th percentile per-packet one-way delay: 37.474 ms
Loss rate: 15.69%
-- Flow 1:
Average throughput: 188.72 Mbit/s
95th percentile per-packet one-way delay: 38.058 ms
Loss rate: 14.80%
-- Flow 2:
Average throughput: 239.03 Mbit/s
95th percentile per-packet one-way delay: 41.834 ms
Loss rate: 17.91%
-- Flow 3:
Average throughput: 136.21 Mbit/s
95th percentile per-packet one-way delay: 21.043 ms
Loss rate: 11.15%
```

Run 1: Report of Verus — Data Link

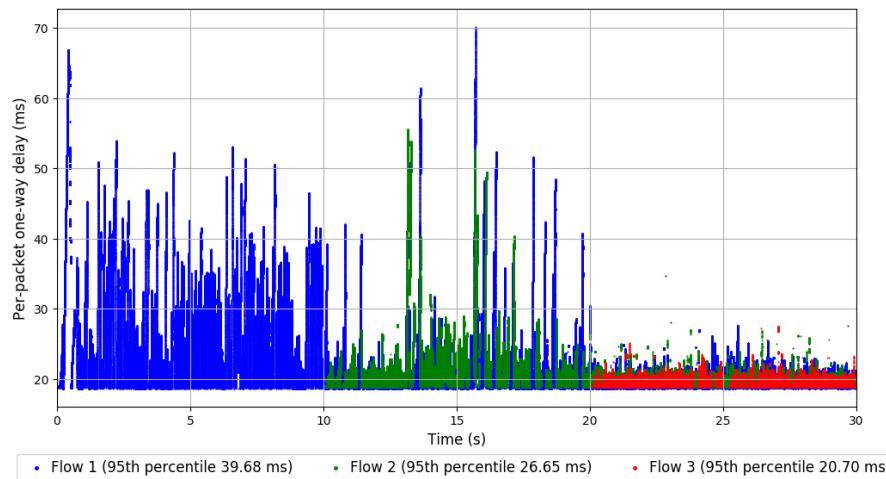
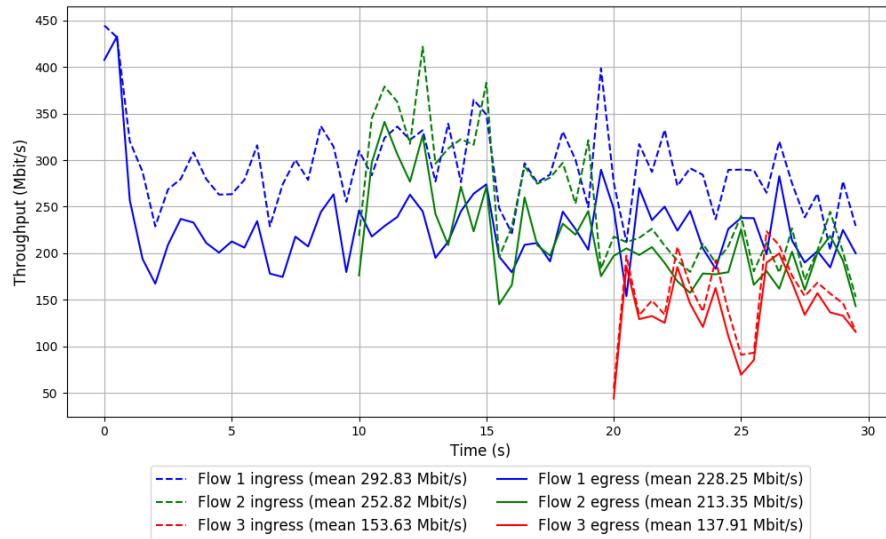


Run 2: Statistics of Verus

```
Start at: 2017-09-18 03:51:49
End at: 2017-09-18 03:52:19
Local clock offset: -0.895 ms
Remote clock offset: -2.677 ms

# Below is generated by plot.py at 2017-09-18 11:40:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 415.83 Mbit/s
95th percentile per-packet one-way delay: 35.699 ms
Loss rate: 18.76%
-- Flow 1:
Average throughput: 228.25 Mbit/s
95th percentile per-packet one-way delay: 39.678 ms
Loss rate: 22.05%
-- Flow 2:
Average throughput: 213.35 Mbit/s
95th percentile per-packet one-way delay: 26.648 ms
Loss rate: 15.62%
-- Flow 3:
Average throughput: 137.91 Mbit/s
95th percentile per-packet one-way delay: 20.695 ms
Loss rate: 10.23%
```

Run 2: Report of Verus — Data Link

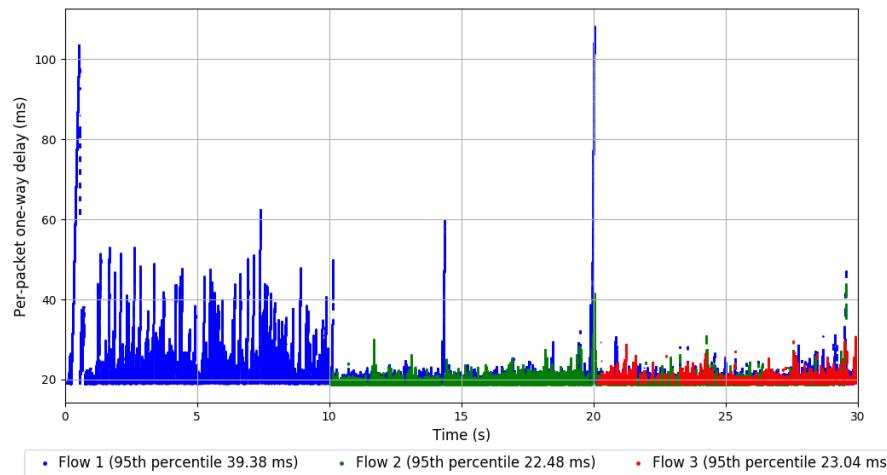
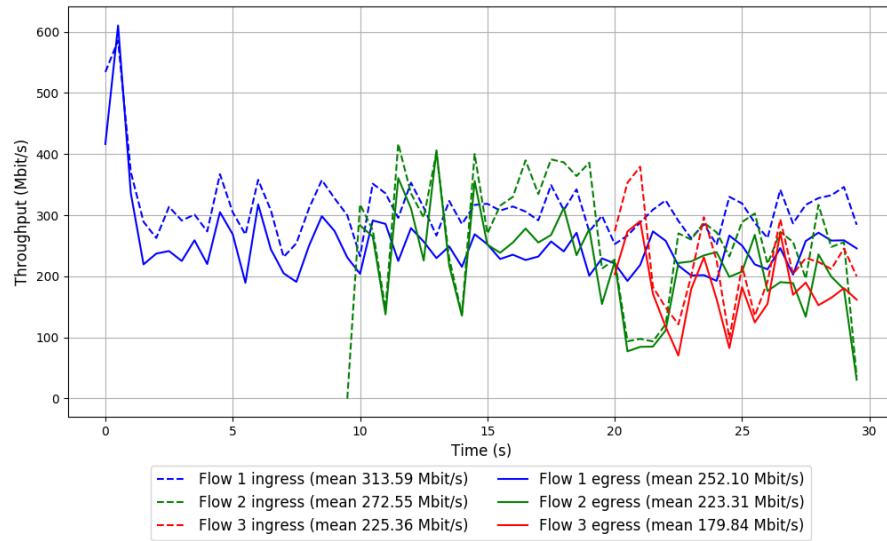


Run 3: Statistics of Verus

```
Start at: 2017-09-18 04:14:20
End at: 2017-09-18 04:14:50
Local clock offset: 1.036 ms
Remote clock offset: -3.193 ms

# Below is generated by plot.py at 2017-09-18 11:41:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 457.15 Mbit/s
95th percentile per-packet one-way delay: 31.304 ms
Loss rate: 19.26%
-- Flow 1:
Average throughput: 252.10 Mbit/s
95th percentile per-packet one-way delay: 39.376 ms
Loss rate: 19.59%
-- Flow 2:
Average throughput: 223.31 Mbit/s
95th percentile per-packet one-way delay: 22.475 ms
Loss rate: 18.28%
-- Flow 3:
Average throughput: 179.84 Mbit/s
95th percentile per-packet one-way delay: 23.042 ms
Loss rate: 20.25%
```

Run 3: Report of Verus — Data Link

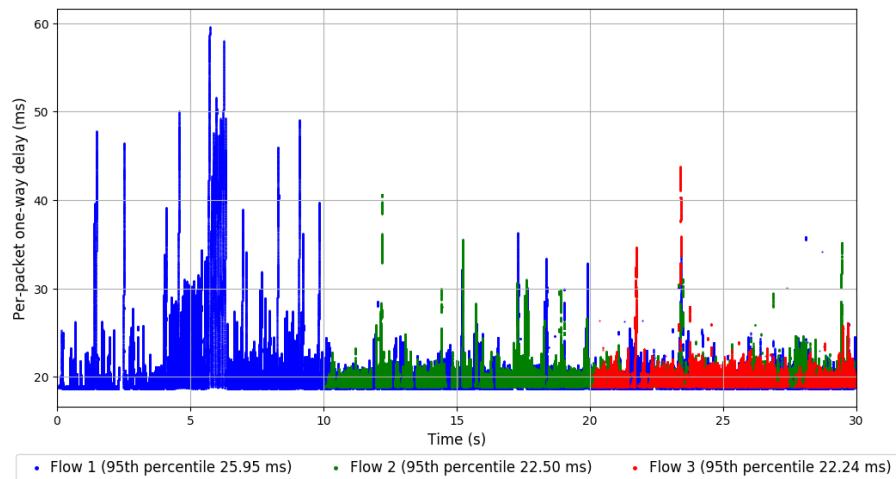
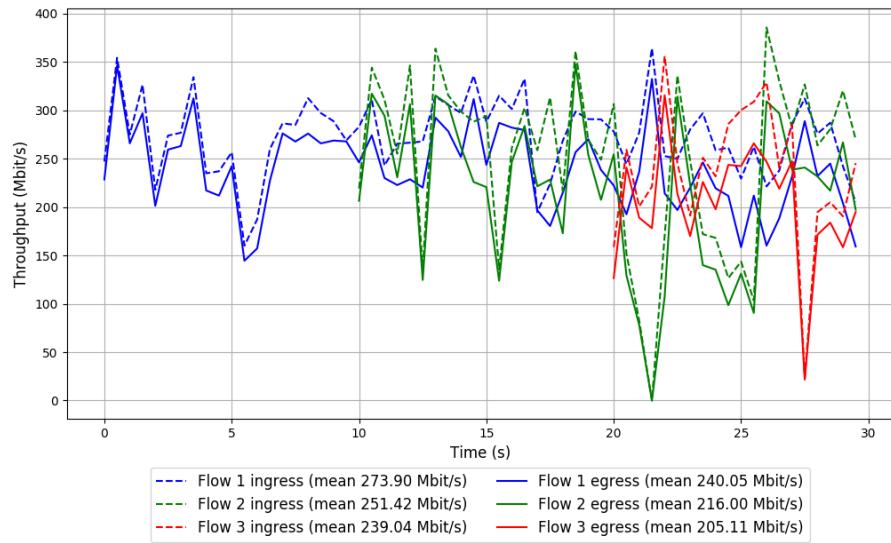


Run 4: Statistics of Verus

```
Start at: 2017-09-18 04:36:47
End at: 2017-09-18 04:37:17
Local clock offset: 0.839 ms
Remote clock offset: -3.367 ms

# Below is generated by plot.py at 2017-09-18 11:41:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 451.33 Mbit/s
95th percentile per-packet one-way delay: 24.183 ms
Loss rate: 13.19%
-- Flow 1:
Average throughput: 240.05 Mbit/s
95th percentile per-packet one-way delay: 25.951 ms
Loss rate: 12.35%
-- Flow 2:
Average throughput: 216.00 Mbit/s
95th percentile per-packet one-way delay: 22.505 ms
Loss rate: 14.09%
-- Flow 3:
Average throughput: 205.11 Mbit/s
95th percentile per-packet one-way delay: 22.237 ms
Loss rate: 14.19%
```

Run 4: Report of Verus — Data Link

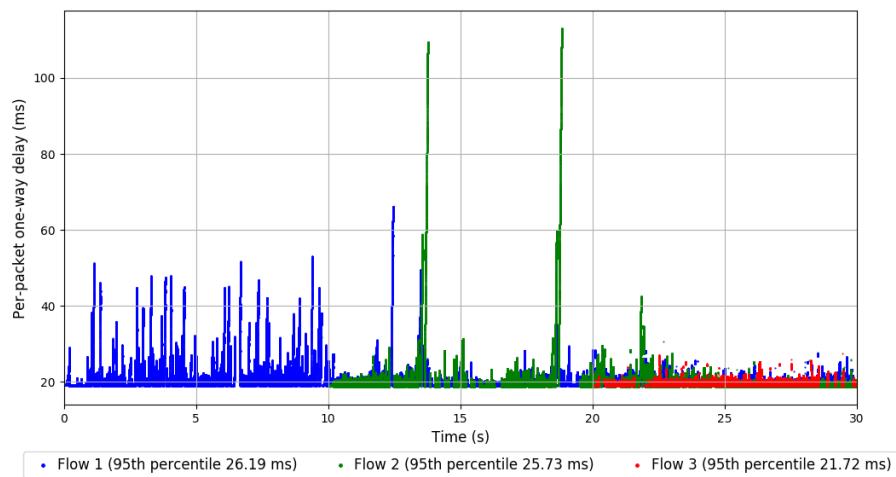
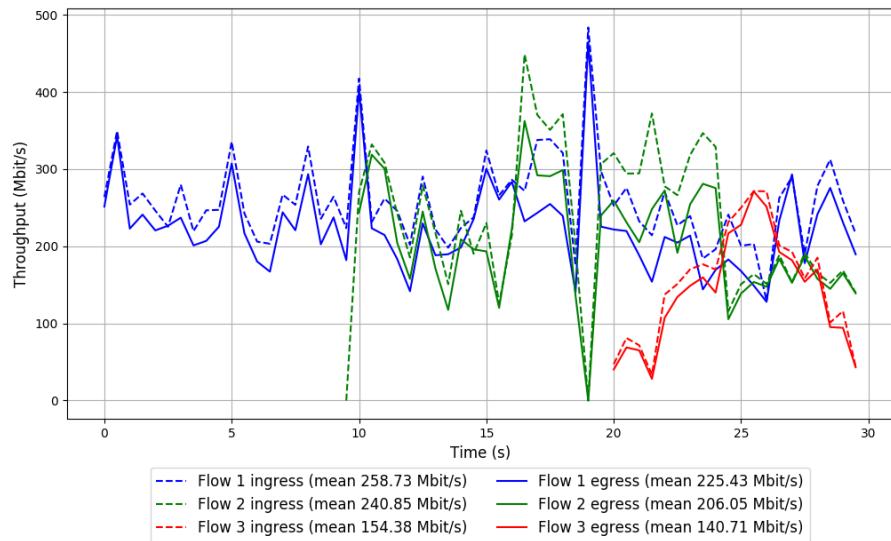


Run 5: Statistics of Verus

```
Start at: 2017-09-18 04:59:14
End at: 2017-09-18 04:59:44
Local clock offset: 0.622 ms
Remote clock offset: -3.567 ms

# Below is generated by plot.py at 2017-09-18 11:41:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 408.95 Mbit/s
95th percentile per-packet one-way delay: 25.420 ms
Loss rate: 12.97%
-- Flow 1:
Average throughput: 225.43 Mbit/s
95th percentile per-packet one-way delay: 26.187 ms
Loss rate: 12.87%
-- Flow 2:
Average throughput: 206.05 Mbit/s
95th percentile per-packet one-way delay: 25.734 ms
Loss rate: 14.45%
-- Flow 3:
Average throughput: 140.71 Mbit/s
95th percentile per-packet one-way delay: 21.724 ms
Loss rate: 8.85%
```

Run 5: Report of Verus — Data Link

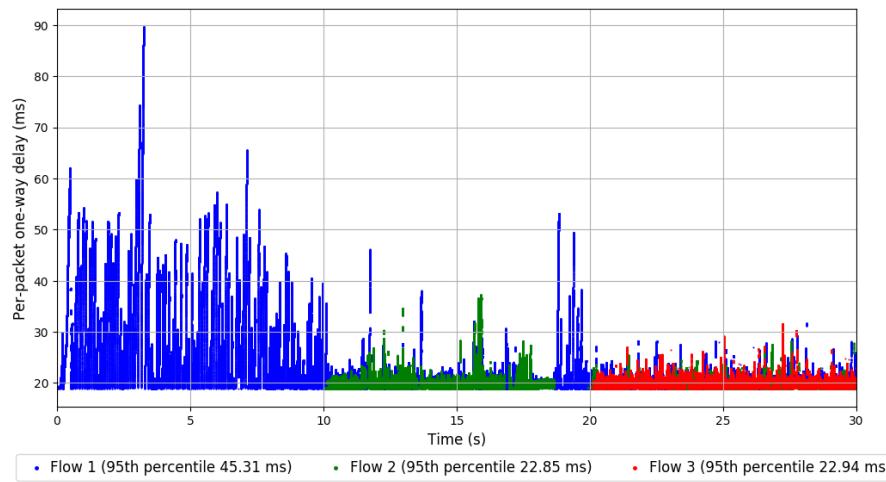
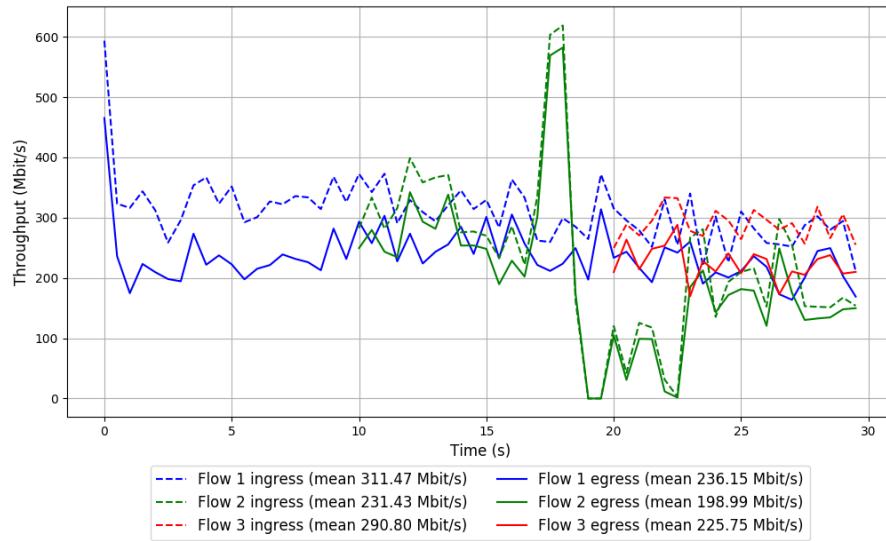


Run 6: Statistics of Verus

```
Start at: 2017-09-18 05:21:39
End at: 2017-09-18 05:22:09
Local clock offset: 1.073 ms
Remote clock offset: -3.823 ms

# Below is generated by plot.py at 2017-09-18 11:42:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.25 Mbit/s
95th percentile per-packet one-way delay: 38.132 ms
Loss rate: 21.08%
-- Flow 1:
Average throughput: 236.15 Mbit/s
95th percentile per-packet one-way delay: 45.307 ms
Loss rate: 24.18%
-- Flow 2:
Average throughput: 198.99 Mbit/s
95th percentile per-packet one-way delay: 22.853 ms
Loss rate: 14.02%
-- Flow 3:
Average throughput: 225.75 Mbit/s
95th percentile per-packet one-way delay: 22.940 ms
Loss rate: 22.34%
```

Run 6: Report of Verus — Data Link

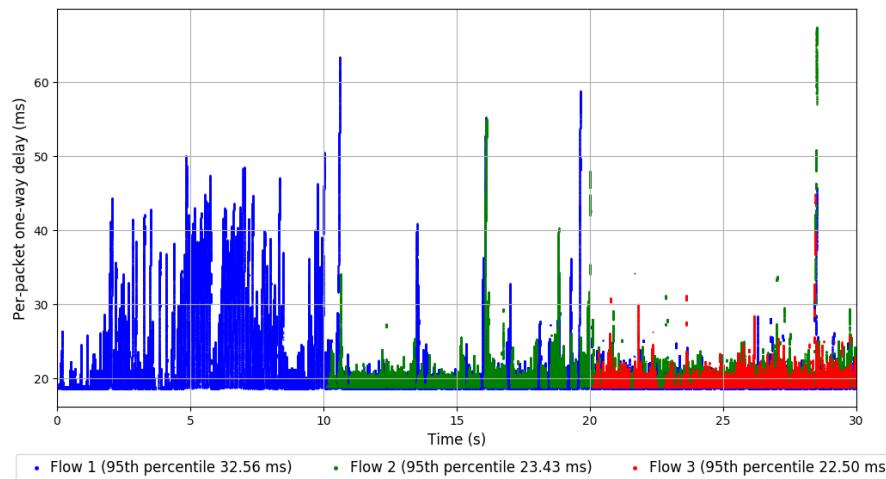
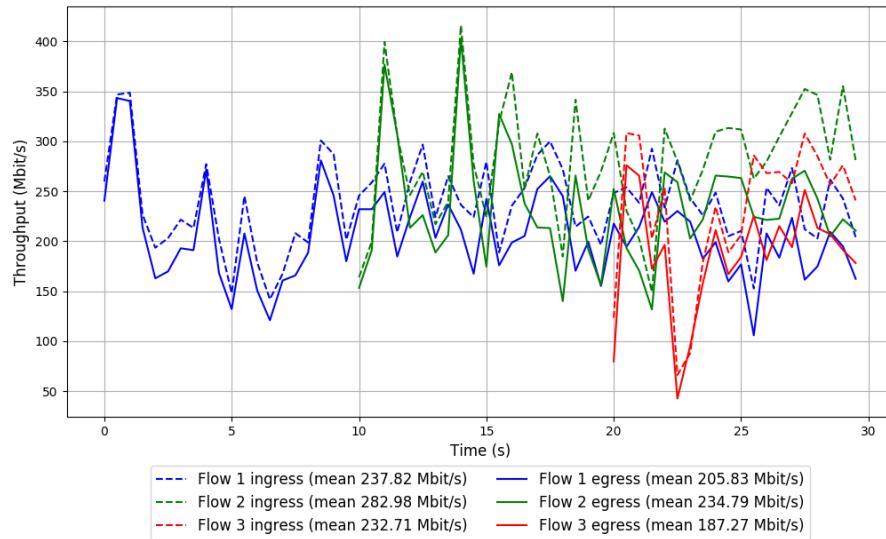


Run 7: Statistics of Verus

```
Start at: 2017-09-18 05:44:16
End at: 2017-09-18 05:44:46
Local clock offset: 1.045 ms
Remote clock offset: -4.079 ms

# Below is generated by plot.py at 2017-09-18 11:43:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 423.35 Mbit/s
95th percentile per-packet one-way delay: 27.121 ms
Loss rate: 15.71%
-- Flow 1:
Average throughput: 205.83 Mbit/s
95th percentile per-packet one-way delay: 32.562 ms
Loss rate: 13.45%
-- Flow 2:
Average throughput: 234.79 Mbit/s
95th percentile per-packet one-way delay: 23.426 ms
Loss rate: 17.03%
-- Flow 3:
Average throughput: 187.27 Mbit/s
95th percentile per-packet one-way delay: 22.500 ms
Loss rate: 19.51%
```

Run 7: Report of Verus — Data Link

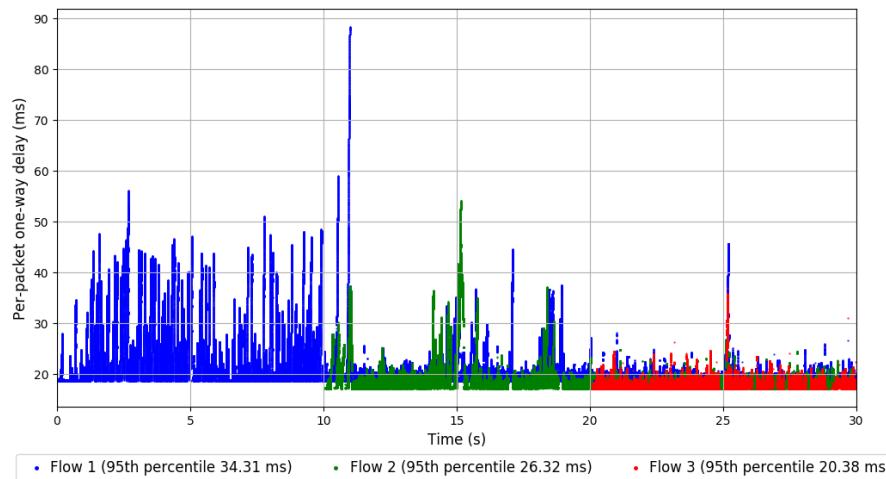
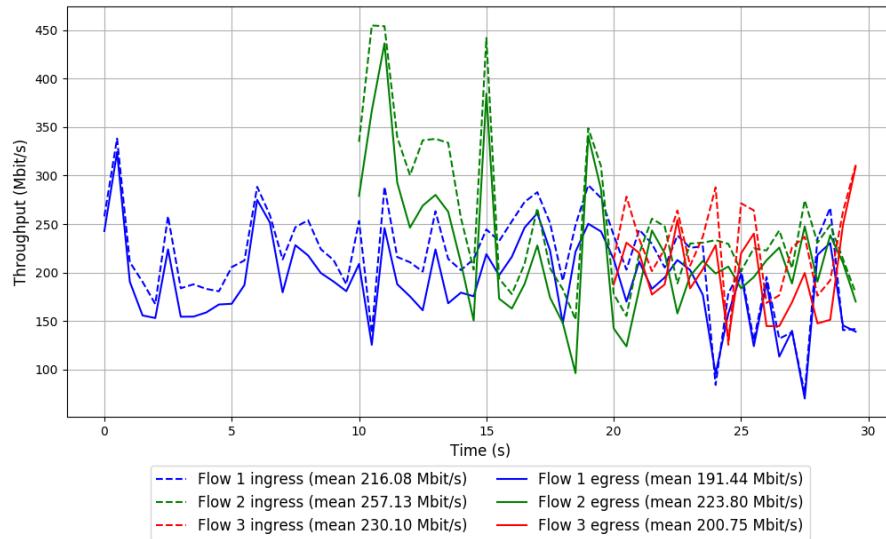


Run 8: Statistics of Verus

```
Start at: 2017-09-18 06:06:40
End at: 2017-09-18 06:07:10
Local clock offset: 1.094 ms
Remote clock offset: -3.881 ms

# Below is generated by plot.py at 2017-09-18 11:43:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 406.82 Mbit/s
95th percentile per-packet one-way delay: 29.903 ms
Loss rate: 12.20%
-- Flow 1:
Average throughput: 191.44 Mbit/s
95th percentile per-packet one-way delay: 34.307 ms
Loss rate: 11.40%
-- Flow 2:
Average throughput: 223.80 Mbit/s
95th percentile per-packet one-way delay: 26.318 ms
Loss rate: 12.96%
-- Flow 3:
Average throughput: 200.75 Mbit/s
95th percentile per-packet one-way delay: 20.381 ms
Loss rate: 12.75%
```

Run 8: Report of Verus — Data Link

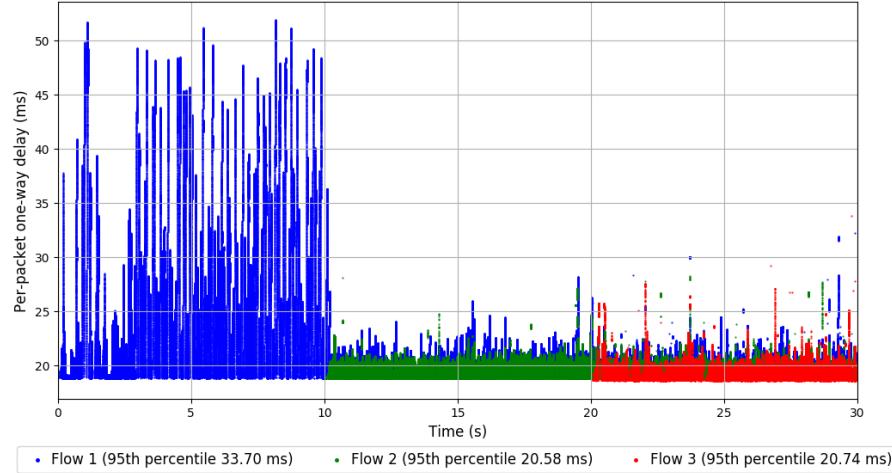
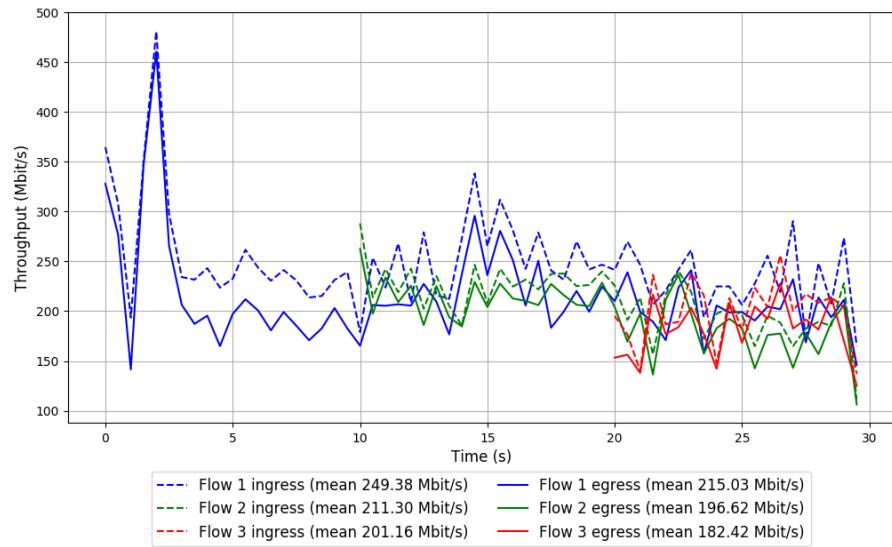


Run 9: Statistics of Verus

```
Start at: 2017-09-18 06:29:03
End at: 2017-09-18 06:29:33
Local clock offset: 0.664 ms
Remote clock offset: -3.499 ms

# Below is generated by plot.py at 2017-09-18 11:43:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 406.31 Mbit/s
95th percentile per-packet one-way delay: 27.202 ms
Loss rate: 11.01%
-- Flow 1:
Average throughput: 215.03 Mbit/s
95th percentile per-packet one-way delay: 33.704 ms
Loss rate: 13.77%
-- Flow 2:
Average throughput: 196.62 Mbit/s
95th percentile per-packet one-way delay: 20.577 ms
Loss rate: 6.94%
-- Flow 3:
Average throughput: 182.42 Mbit/s
95th percentile per-packet one-way delay: 20.741 ms
Loss rate: 9.31%
```

Run 9: Report of Verus — Data Link

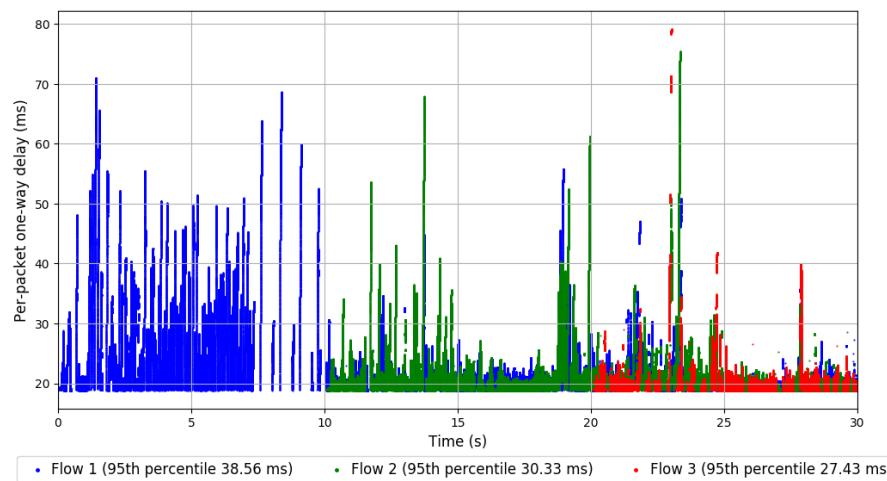
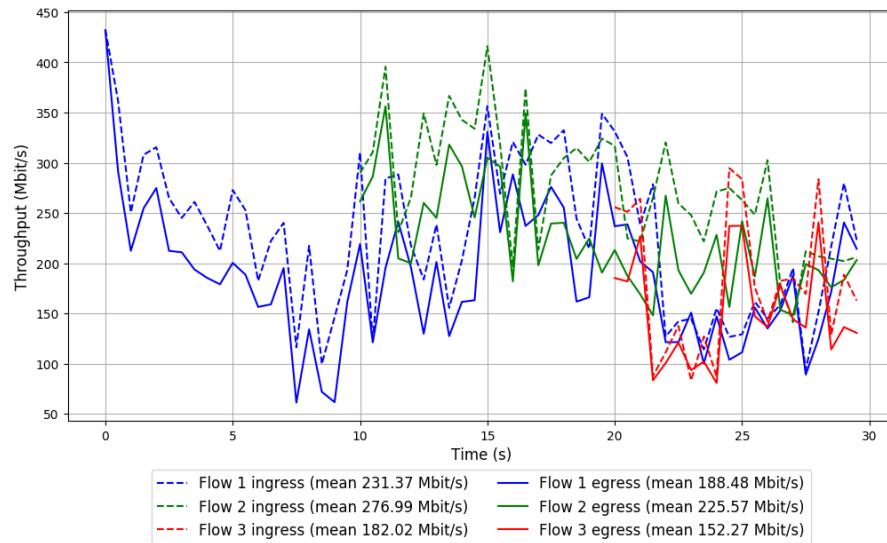


Run 10: Statistics of Verus

```
Start at: 2017-09-18 06:51:47
End at: 2017-09-18 06:52:17
Local clock offset: 0.068 ms
Remote clock offset: -3.185 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 388.78 Mbit/s
95th percentile per-packet one-way delay: 34.409 ms
Loss rate: 18.27%
-- Flow 1:
Average throughput: 188.48 Mbit/s
95th percentile per-packet one-way delay: 38.559 ms
Loss rate: 18.54%
-- Flow 2:
Average throughput: 225.57 Mbit/s
95th percentile per-packet one-way delay: 30.334 ms
Loss rate: 18.56%
-- Flow 3:
Average throughput: 152.27 Mbit/s
95th percentile per-packet one-way delay: 27.425 ms
Loss rate: 16.34%
```

Run 10: Report of Verus — Data Link

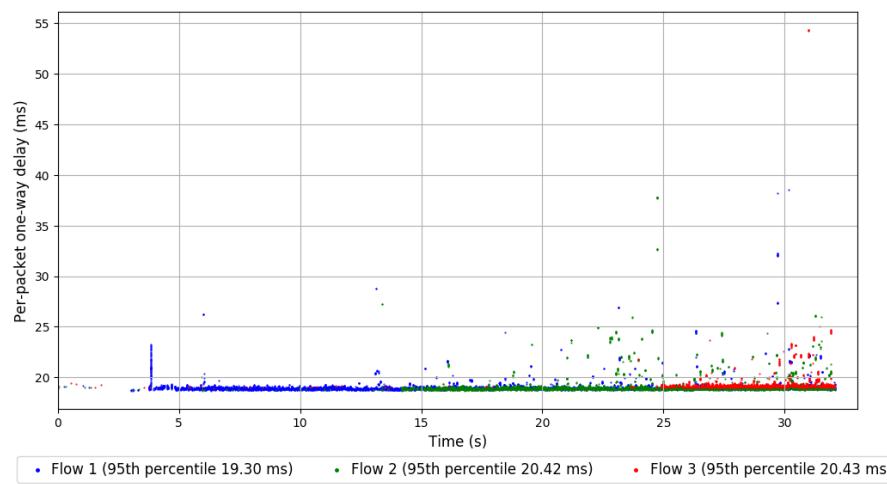
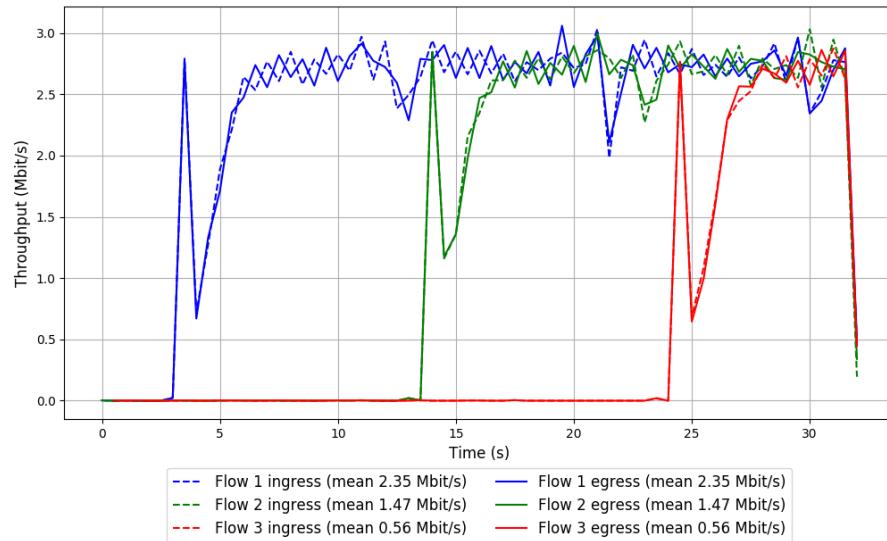


Run 1: Statistics of WebRTC media

```
Start at: 2017-09-18 03:22:29
End at: 2017-09-18 03:22:59
Local clock offset: -3.332 ms
Remote clock offset: -1.871 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 19.806 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.295 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 20.418 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 20.430 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

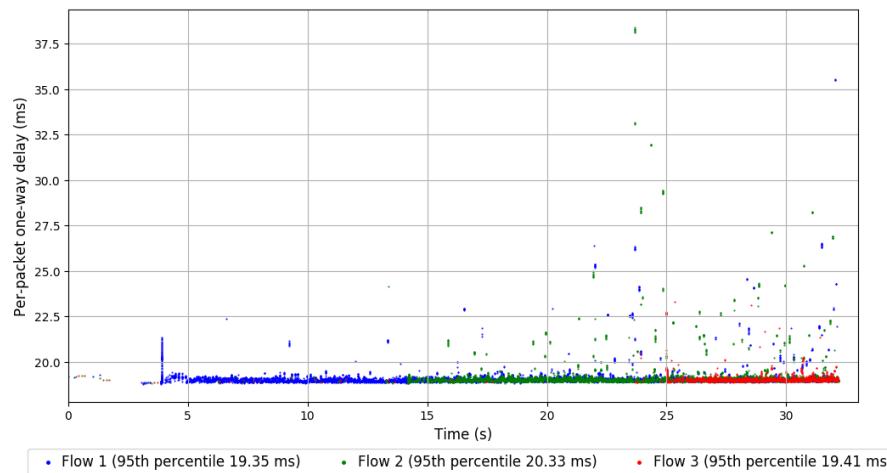
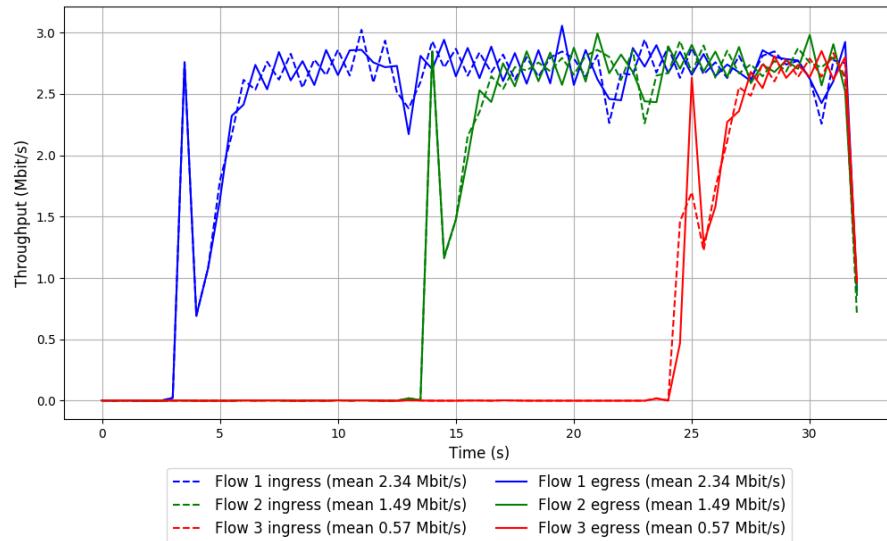


Run 2: Statistics of WebRTC media

```
Start at: 2017-09-18 03:45:00
End at: 2017-09-18 03:45:30
Local clock offset: -1.718 ms
Remote clock offset: -2.526 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 19.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.346 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 20.327 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 19.407 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

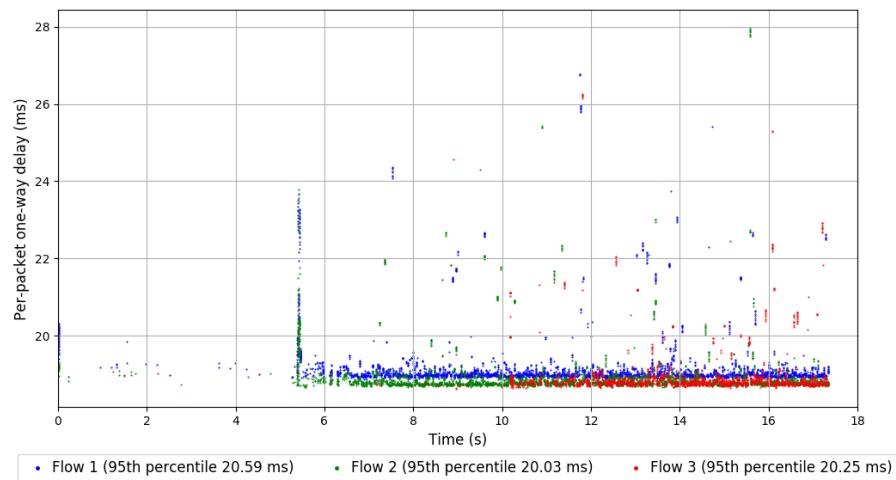
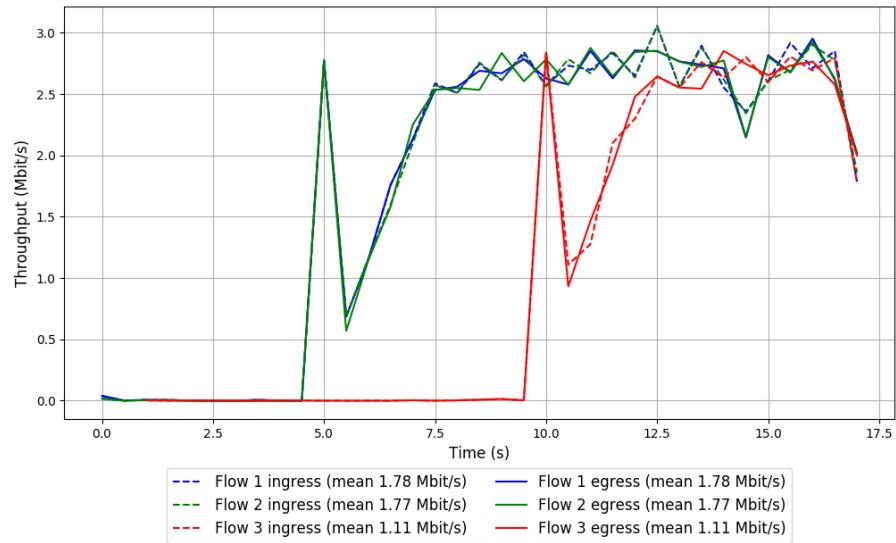
Start at: 2017-09-18 04:07:33

End at: 2017-09-18 04:08:03

Local clock offset: 1.045 ms

Remote clock offset: -3.051 ms

Run 3: Report of WebRTC media — Data Link

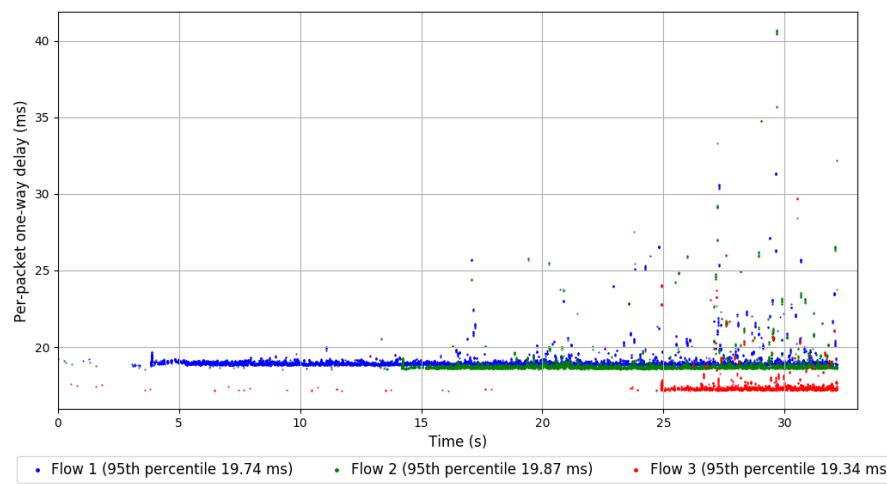
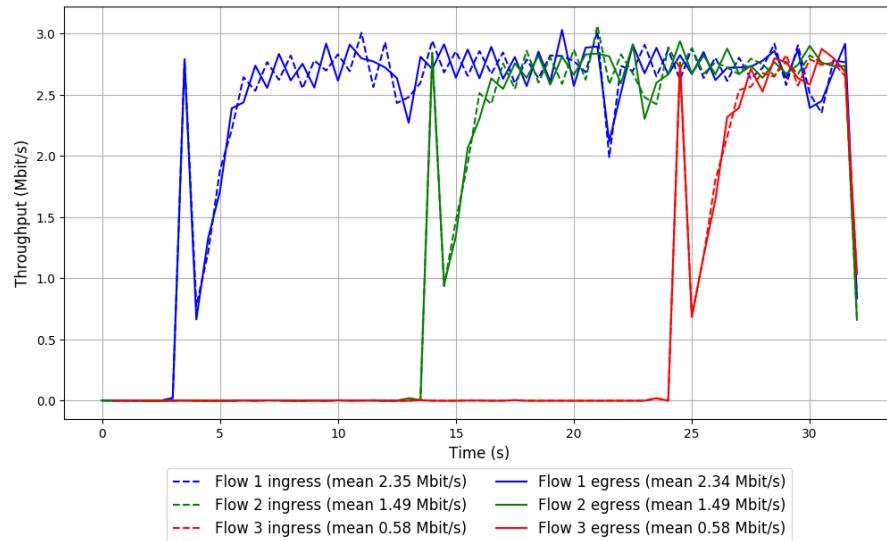


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-18 04:30:00
End at: 2017-09-18 04:30:30
Local clock offset: 0.886 ms
Remote clock offset: -3.312 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 19.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.742 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 19.866 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 19.342 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

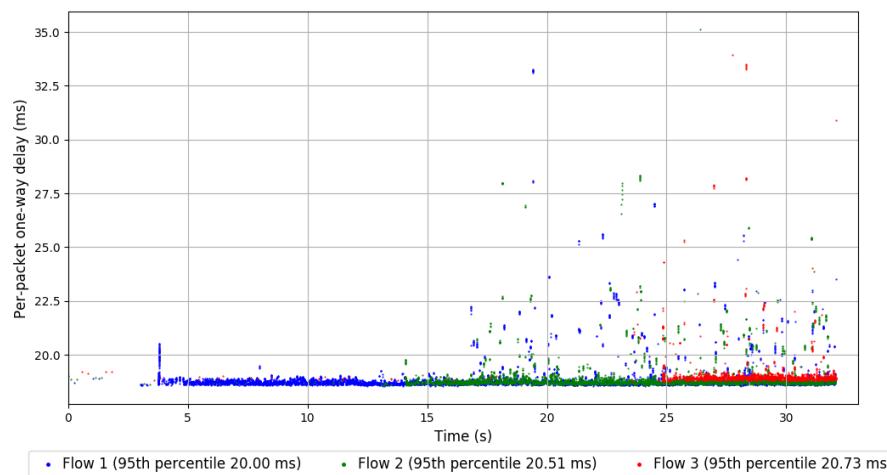
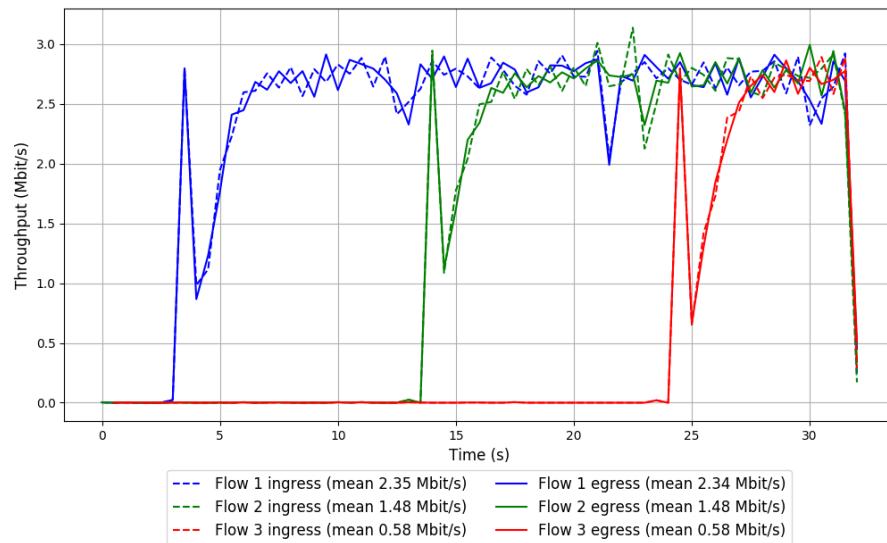


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-18 04:52:29
End at: 2017-09-18 04:52:59
Local clock offset: 0.647 ms
Remote clock offset: -3.603 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.995 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 20.506 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 20.729 ms
Loss rate: 0.00%
```

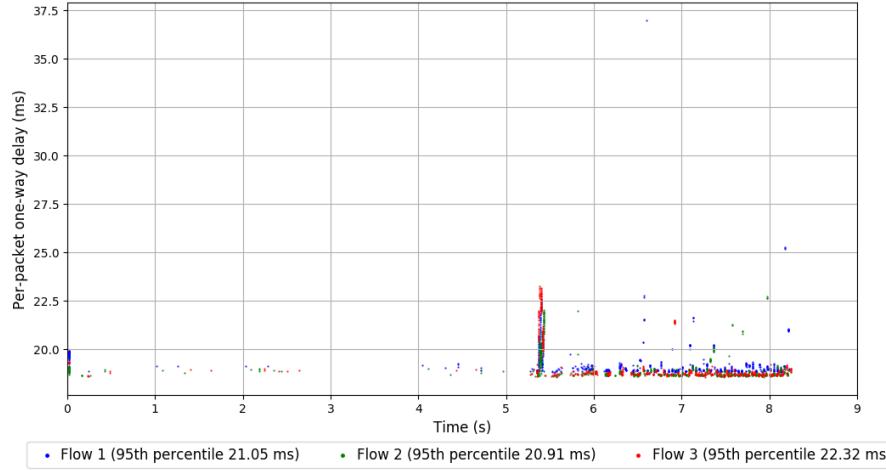
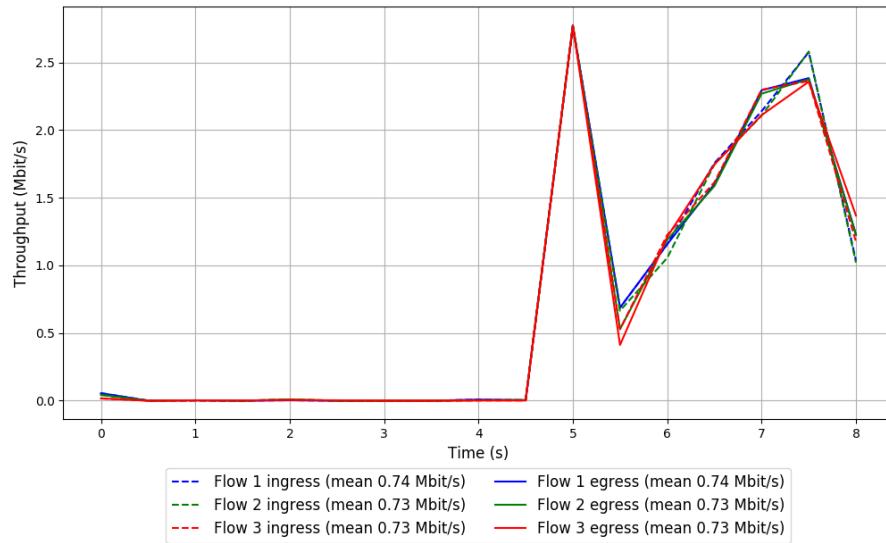
Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-09-18 05:14:55
End at: 2017-09-18 05:15:25
Local clock offset: 1.133 ms
Remote clock offset: -3.749 ms

Run 6: Report of WebRTC media — Data Link

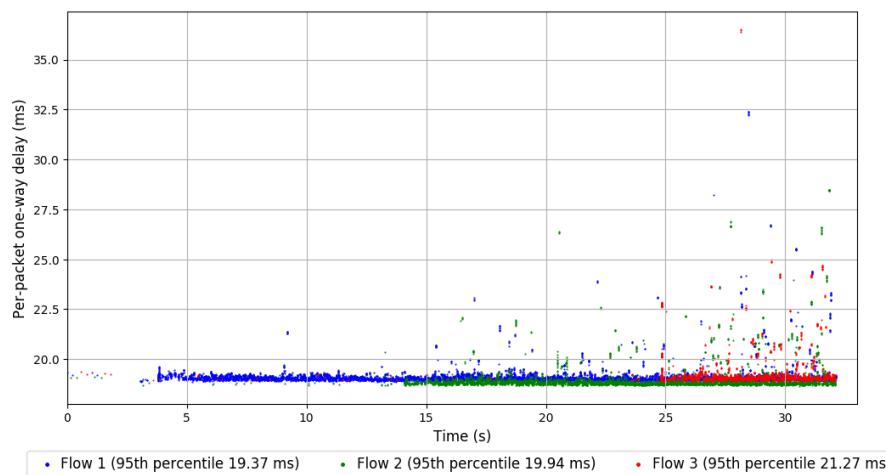
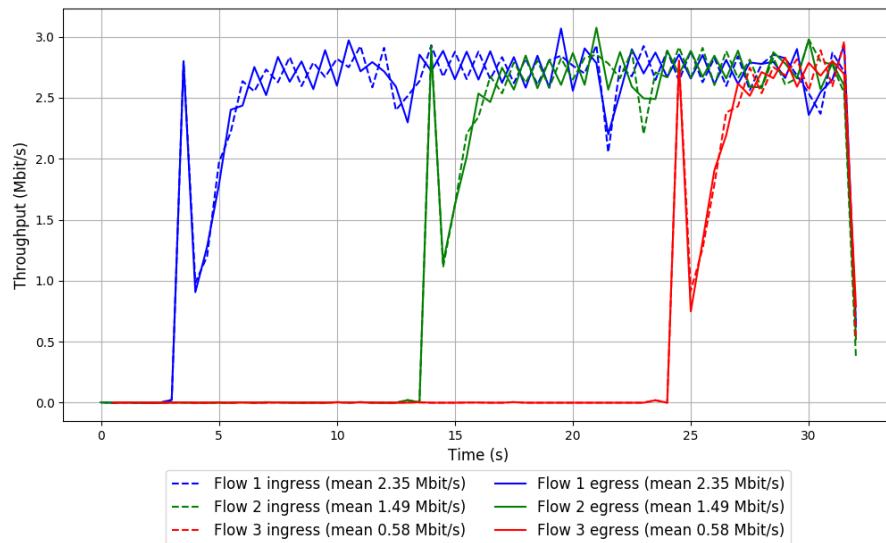


Run 7: Statistics of WebRTC media

```
Start at: 2017-09-18 05:37:24
End at: 2017-09-18 05:37:54
Local clock offset: 0.997 ms
Remote clock offset: -3.928 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 19.787 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.369 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 19.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 21.267 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

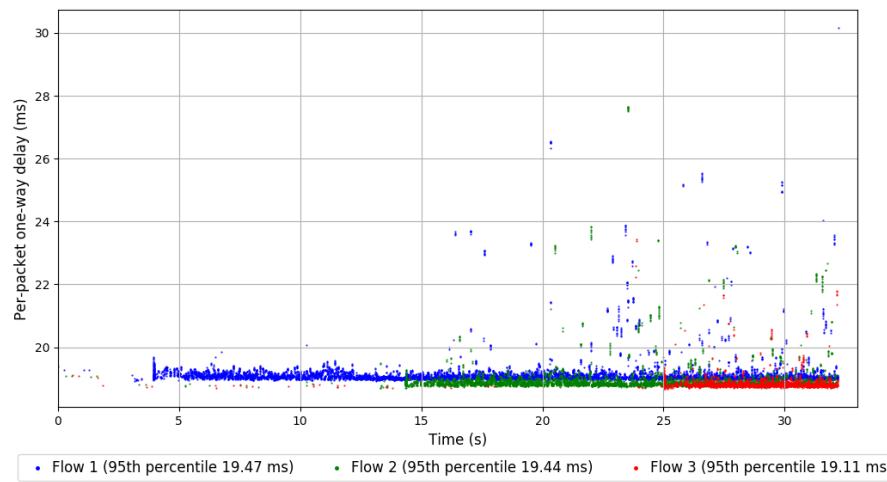
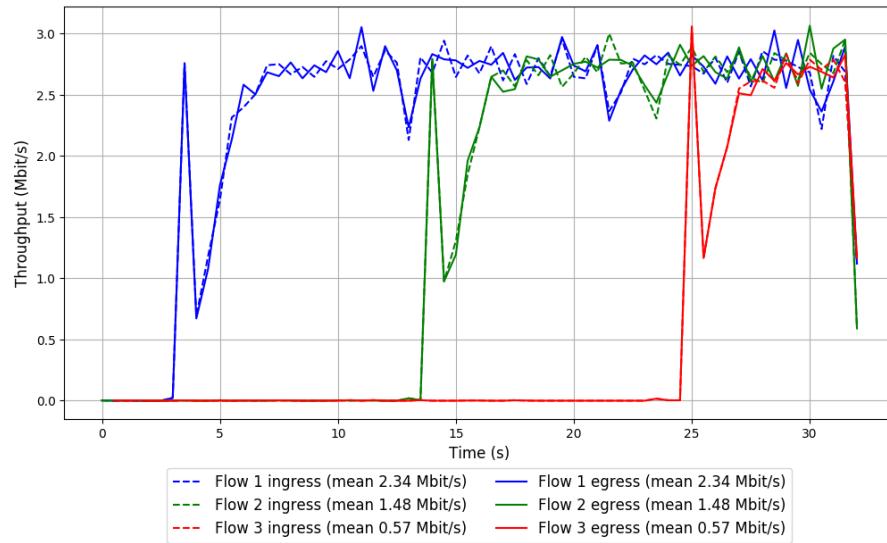


Run 8: Statistics of WebRTC media

```
Start at: 2017-09-18 05:59:59
End at: 2017-09-18 06:00:29
Local clock offset: 1.055 ms
Remote clock offset: -3.894 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 19.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.472 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 19.441 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 19.109 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

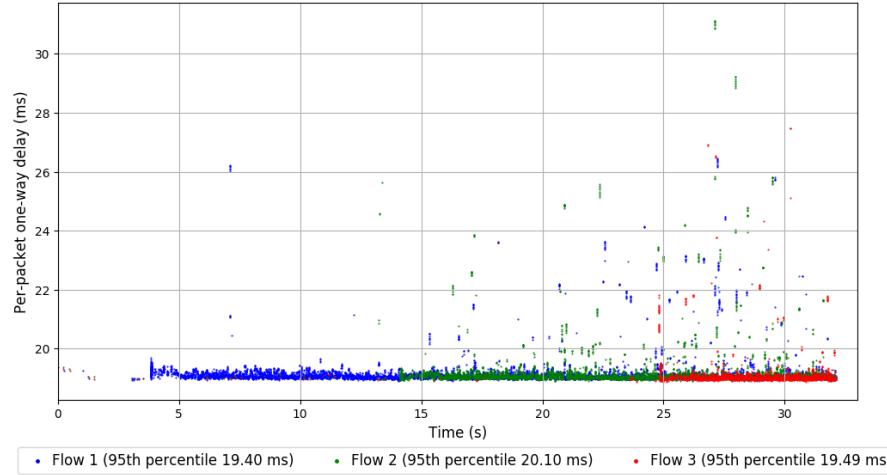
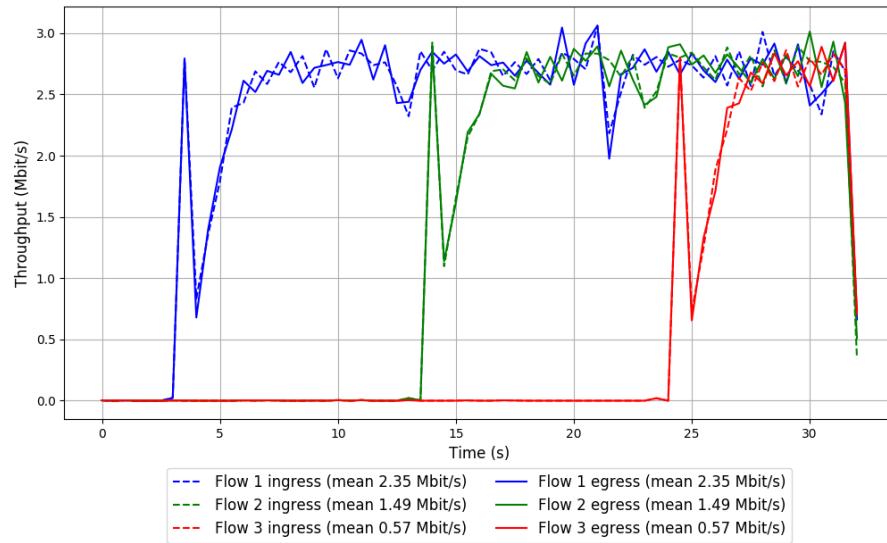


Run 9: Statistics of WebRTC media

```
Start at: 2017-09-18 06:22:15
End at: 2017-09-18 06:22:45
Local clock offset: 0.779 ms
Remote clock offset: -3.589 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 19.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.401 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 20.096 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 19.492 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-09-18 06:44:53
End at: 2017-09-18 06:45:23
Local clock offset: 0.23 ms
Remote clock offset: -3.375 ms

# Below is generated by plot.py at 2017-09-18 11:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 19.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 20.461 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 20.877 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

