

Pantheon Report

Generated at 2018-03-21 08:10:54 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).

Repeated the test of 17 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).

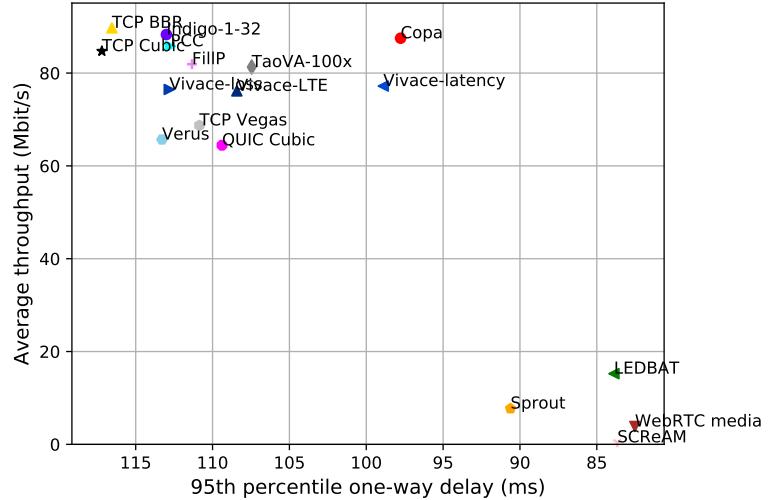
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

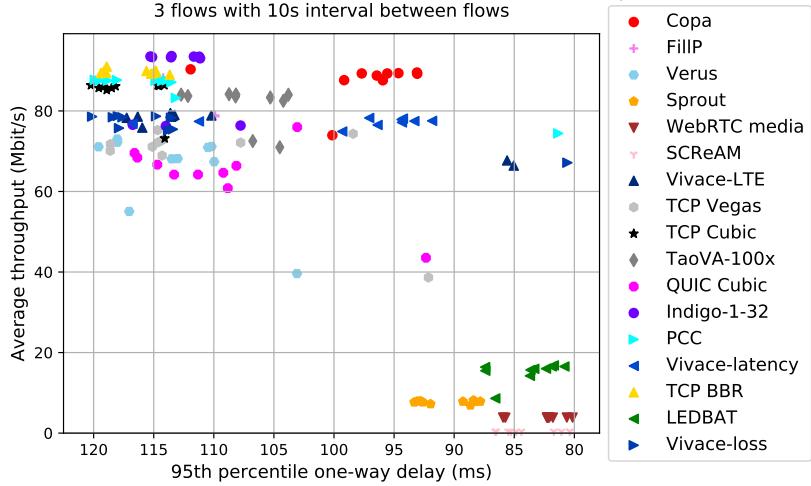
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bfff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aeee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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 @ f1a14bf7e749737437f61b1eaeeb30b267cde681
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/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



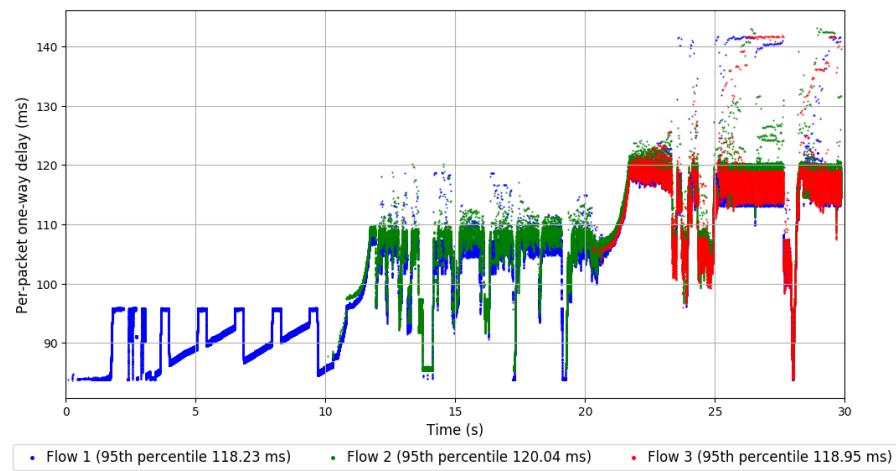
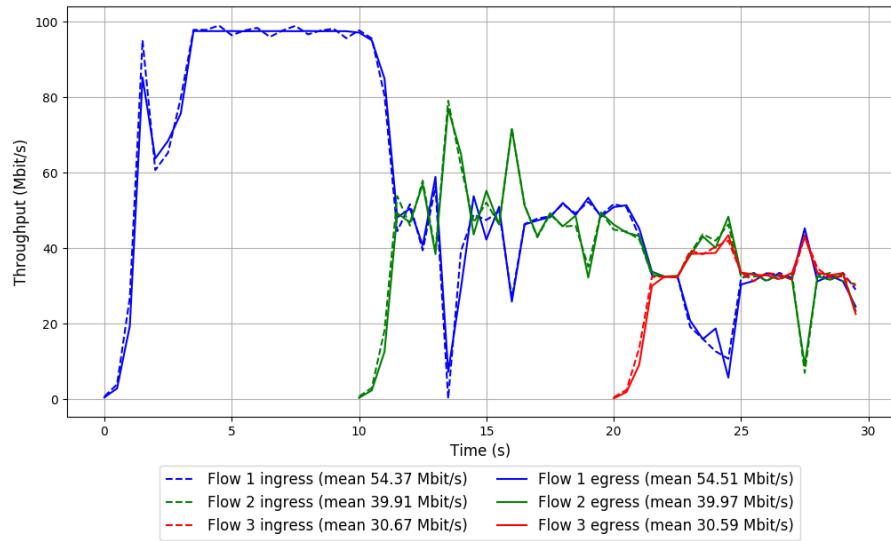
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	54.79	38.32	29.21	116.19	116.71	116.67	0.38	0.95	2.62
TCP Cubic	10	49.52	39.05	28.43	116.66	117.20	117.65	0.57	1.31	3.89
LEDBAT	10	9.85	6.45	3.41	83.38	84.16	83.61	1.22	1.93	3.69
PCC	10	58.20	28.80	26.13	111.89	112.60	113.47	3.54	5.46	7.23
QUIC Cubic	10	39.52	29.10	17.32	107.90	110.13	110.42	0.96	1.62	2.03
SCReAM	10	0.22	0.22	0.22	82.62	83.50	83.15	0.64	0.84	1.57
WebRTC media	10	2.10	1.30	0.48	81.98	81.97	82.40	0.86	0.70	2.92
Sprout	10	3.98	3.95	3.42	90.55	90.16	90.32	0.60	1.10	2.80
TaoVA-100x	10	48.82	38.76	20.91	105.74	107.52	110.09	2.92	4.02	4.75
TCP Vegas	10	34.94	38.22	25.70	110.39	110.69	110.27	0.70	1.04	2.31
Verus	10	34.01	34.23	27.67	111.99	112.77	115.24	2.57	3.08	5.47
Copa	10	71.13	18.33	12.87	96.66	98.92	97.44	2.06	2.90	9.82
FillP	3	50.41	33.95	27.70	109.43	112.01	113.10	14.59	16.43	17.95
Indigo-1-32	10	61.44	29.31	23.50	112.02	113.00	114.79	4.85	5.43	6.57
Vivace-latency	10	64.59	14.76	8.69	98.21	99.99	99.07	0.62	1.52	3.21
Vivace-loss	10	50.94	27.60	22.24	112.16	112.44	113.35	1.38	3.93	10.00
Vivace-LTE	10	53.39	25.37	18.32	107.52	108.57	108.81	1.43	3.32	5.92

Run 1: Statistics of TCP BBR

```
Start at: 2018-03-20 23:49:27
End at: 2018-03-20 23:49:57
Local clock offset: -13.278 ms
Remote clock offset: 3.4 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 118.911 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 118.228 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 39.97 Mbit/s
95th percentile per-packet one-way delay: 120.044 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 118.949 ms
Loss rate: 2.34%
```

Run 1: Report of TCP BBR — Data Link

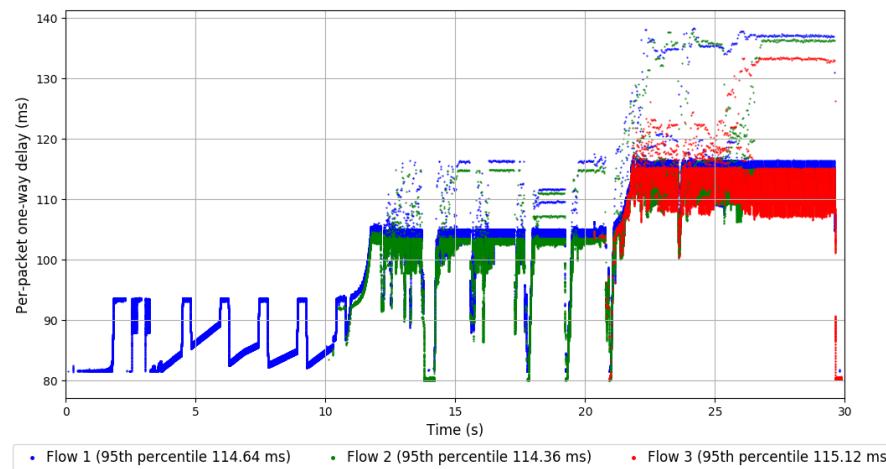
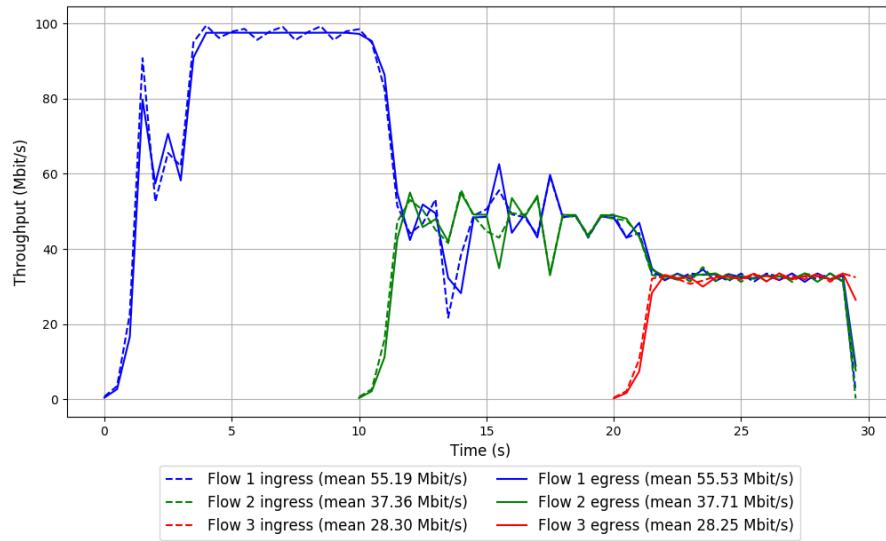


Run 2: Statistics of TCP BBR

```
Start at: 2018-03-21 00:13:28
End at: 2018-03-21 00:13:58
Local clock offset: -13.998 ms
Remote clock offset: 7.855 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 114.812 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 55.53 Mbit/s
95th percentile per-packet one-way delay: 114.638 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 114.362 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 28.25 Mbit/s
95th percentile per-packet one-way delay: 115.119 ms
Loss rate: 2.26%
```

Run 2: Report of TCP BBR — Data Link

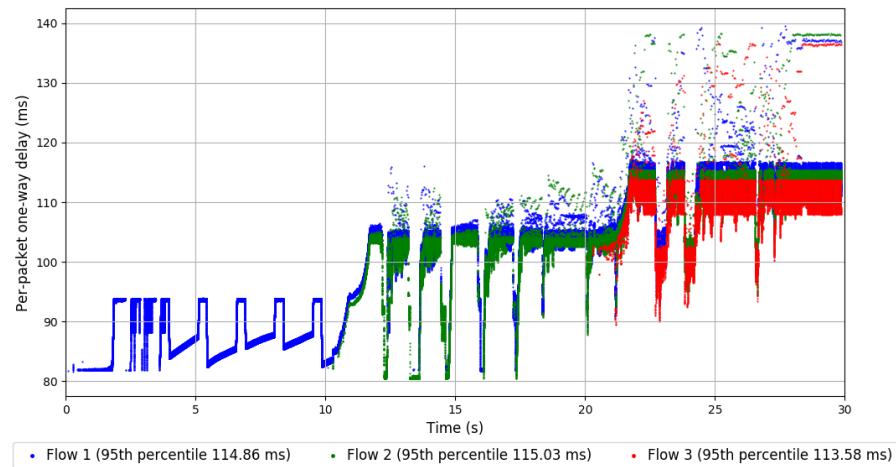
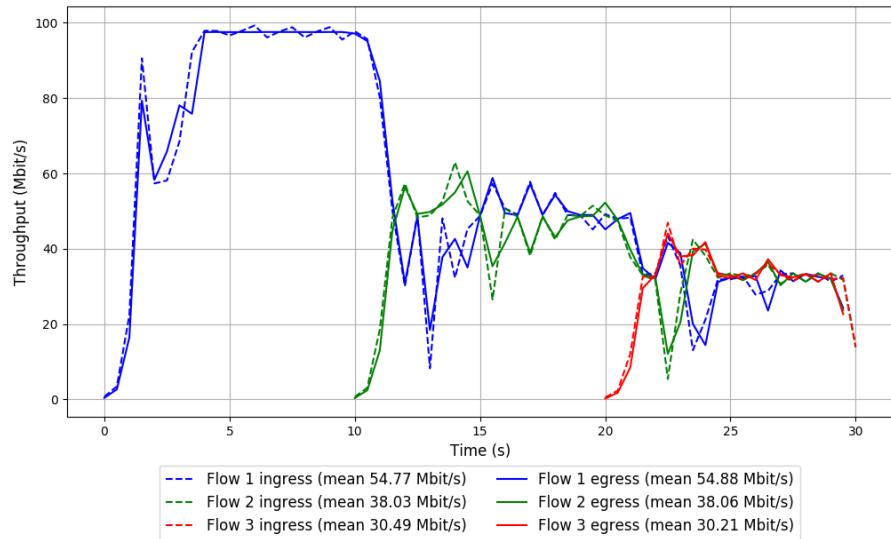


Run 3: Statistics of TCP BBR

```
Start at: 2018-03-21 00:37:19
End at: 2018-03-21 00:37:49
Local clock offset: -14.169 ms
Remote clock offset: 7.04 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 114.836 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 114.864 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 115.032 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 30.21 Mbit/s
95th percentile per-packet one-way delay: 113.578 ms
Loss rate: 4.90%
```

Run 3: Report of TCP BBR — Data Link

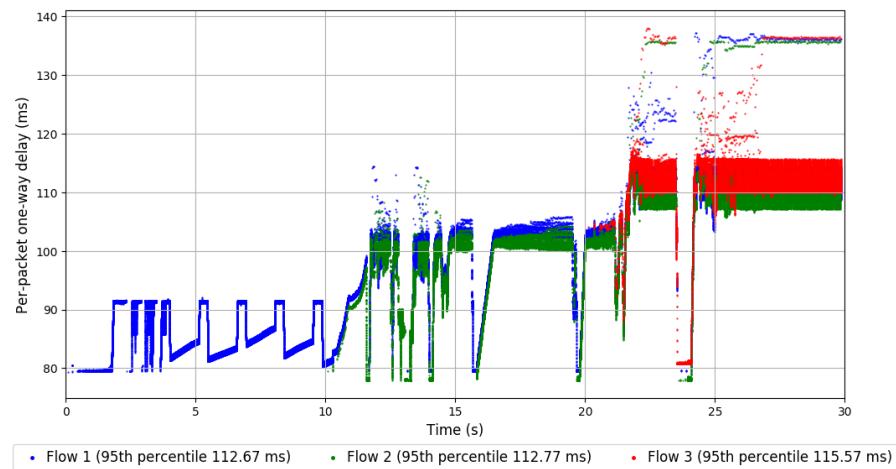
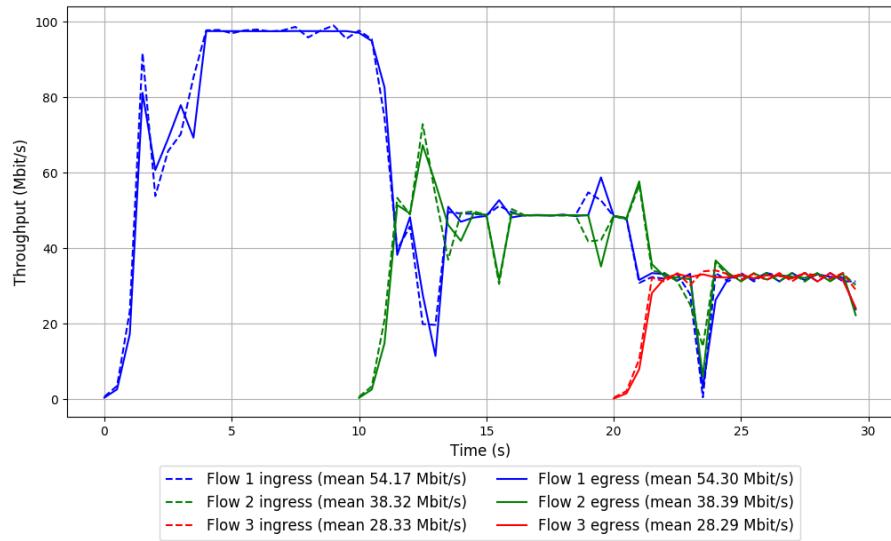


Run 4: Statistics of TCP BBR

```
Start at: 2018-03-21 01:01:21
End at: 2018-03-21 01:01:51
Local clock offset: -14.199 ms
Remote clock offset: 6.997 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 113.668 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.30 Mbit/s
95th percentile per-packet one-way delay: 112.674 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 112.767 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 115.571 ms
Loss rate: 2.38%
```

Run 4: Report of TCP BBR — Data Link

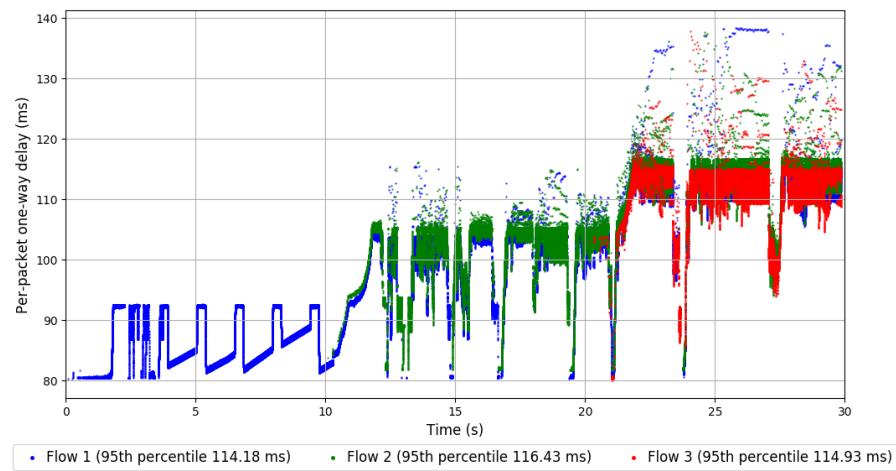
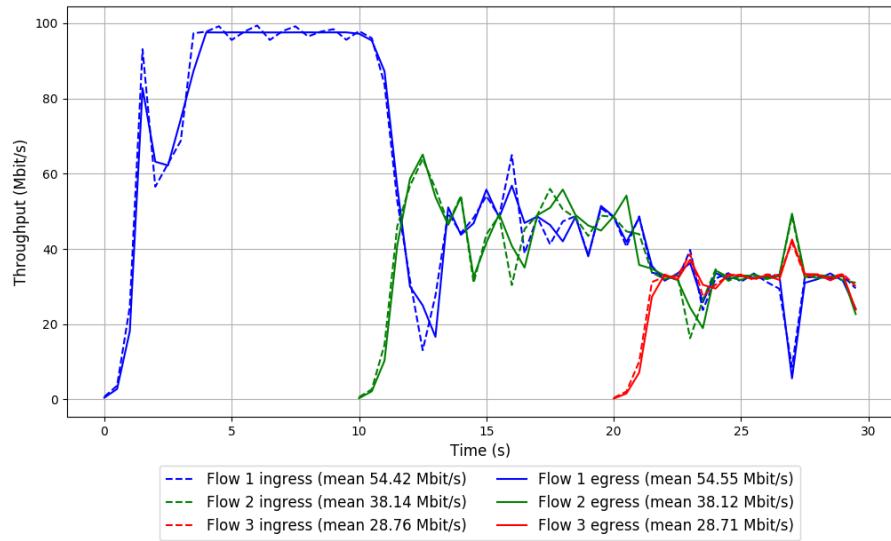


Run 5: Statistics of TCP BBR

```
Start at: 2018-03-21 01:25:14
End at: 2018-03-21 01:25:44
Local clock offset: -14.257 ms
Remote clock offset: 5.334 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.24 Mbit/s
95th percentile per-packet one-way delay: 115.216 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.55 Mbit/s
95th percentile per-packet one-way delay: 114.184 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 116.428 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 28.71 Mbit/s
95th percentile per-packet one-way delay: 114.933 ms
Loss rate: 2.45%
```

Run 5: Report of TCP BBR — Data Link

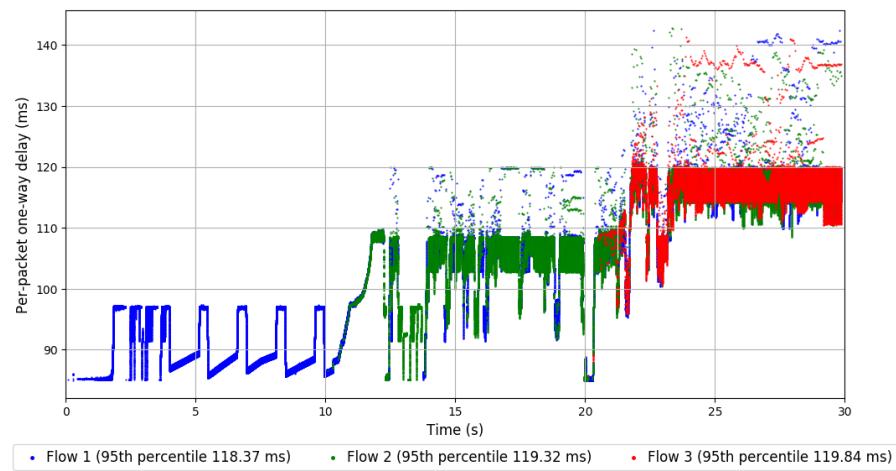
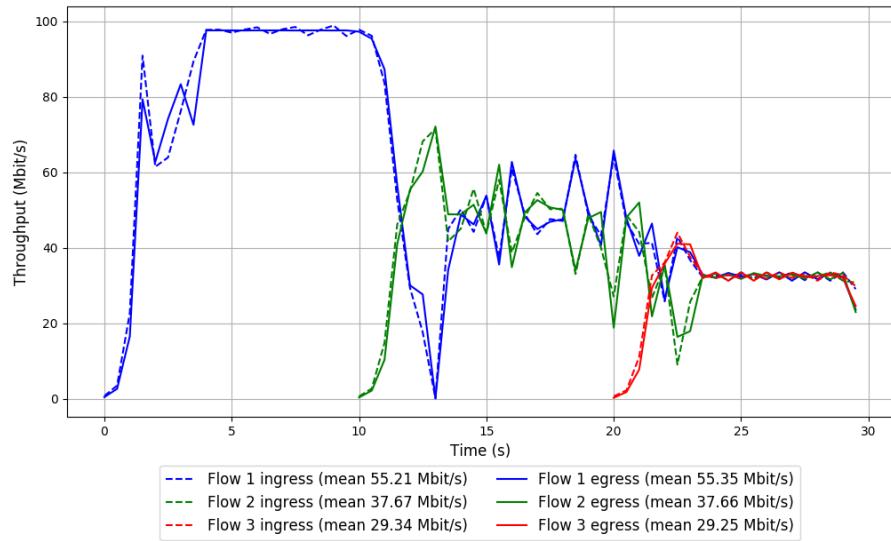


Run 6: Statistics of TCP BBR

```
Start at: 2018-03-21 01:49:08
End at: 2018-03-21 01:49:38
Local clock offset: -7.077 ms
Remote clock offset: 0.593 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 119.132 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 118.373 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 37.66 Mbit/s
95th percentile per-packet one-way delay: 119.317 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 119.844 ms
Loss rate: 2.30%
```

Run 6: Report of TCP BBR — Data Link

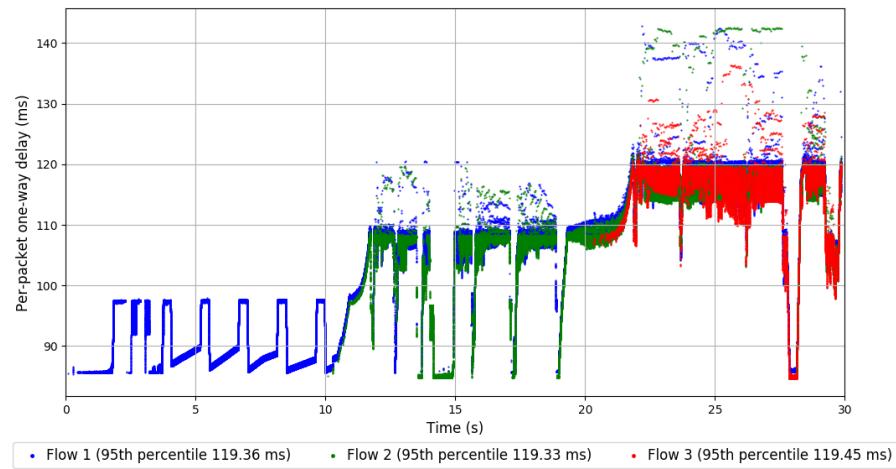
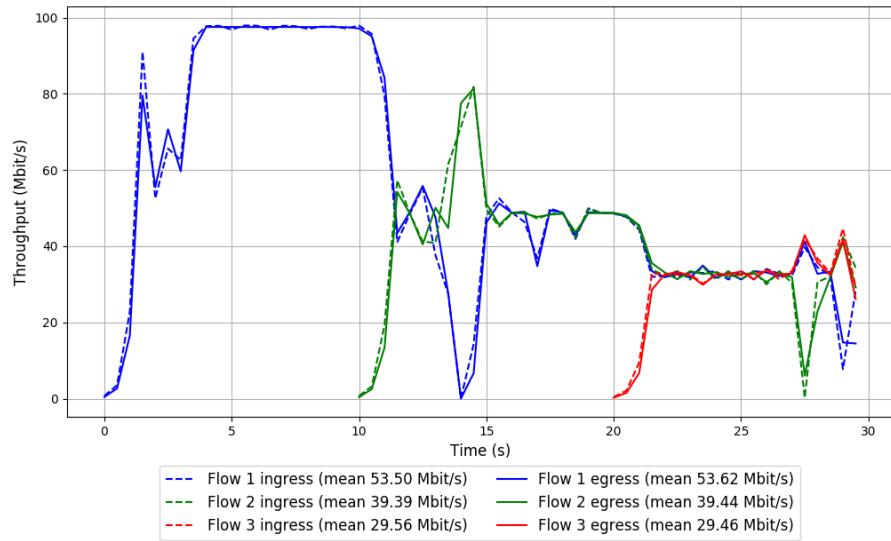


Run 7: Statistics of TCP BBR

```
Start at: 2018-03-21 02:13:07
End at: 2018-03-21 02:13:37
Local clock offset: -1.795 ms
Remote clock offset: -0.259 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 119.398 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 119.360 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 39.44 Mbit/s
95th percentile per-packet one-way delay: 119.325 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 119.453 ms
Loss rate: 2.41%
```

Run 7: Report of TCP BBR — Data Link

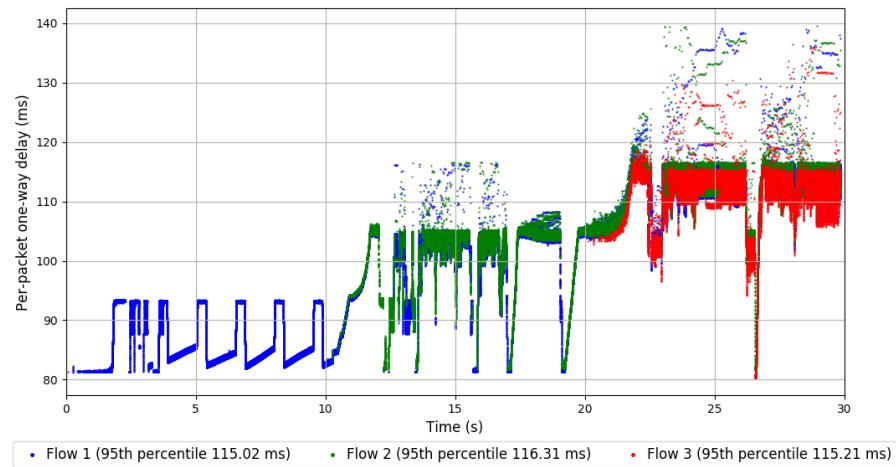
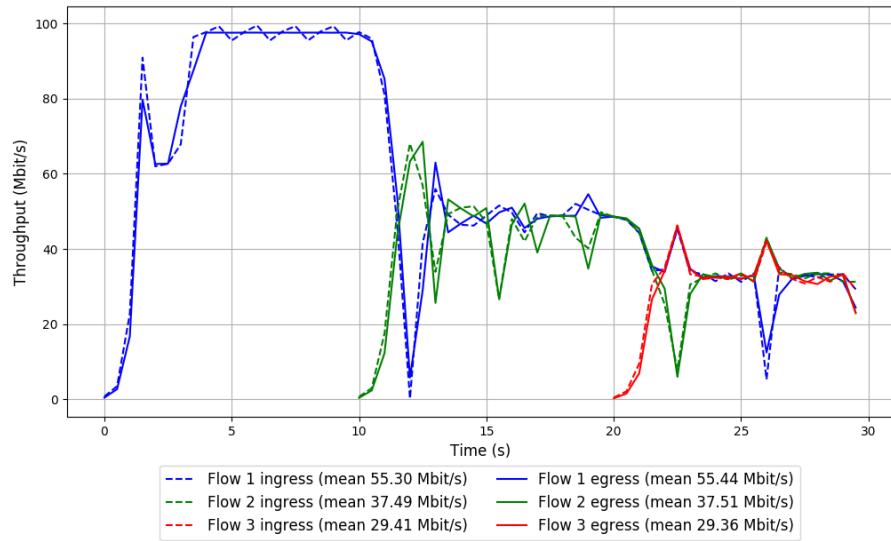


Run 8: Statistics of TCP BBR

```
Start at: 2018-03-21 02:36:59
End at: 2018-03-21 02:37:29
Local clock offset: -4.307 ms
Remote clock offset: 2.745 ms

# Below is generated by plot.py at 2018-03-21 07:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 115.608 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 55.44 Mbit/s
95th percentile per-packet one-way delay: 115.017 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 116.308 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 115.214 ms
Loss rate: 2.30%
```

Run 8: Report of TCP BBR — Data Link

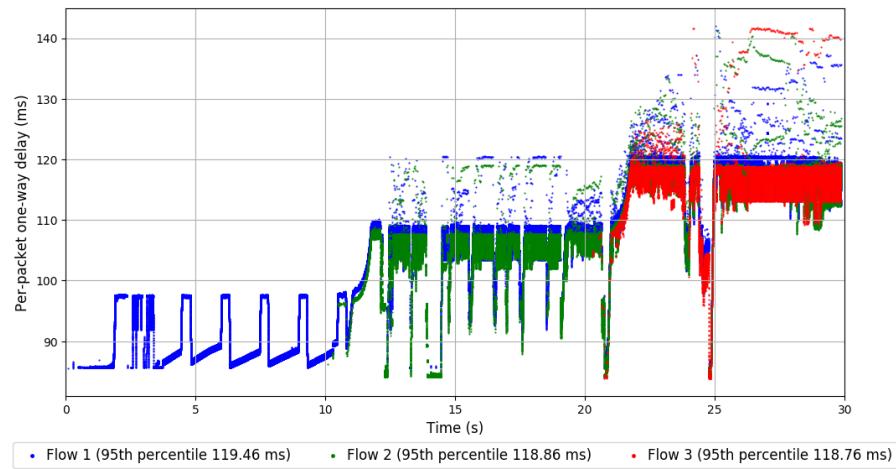
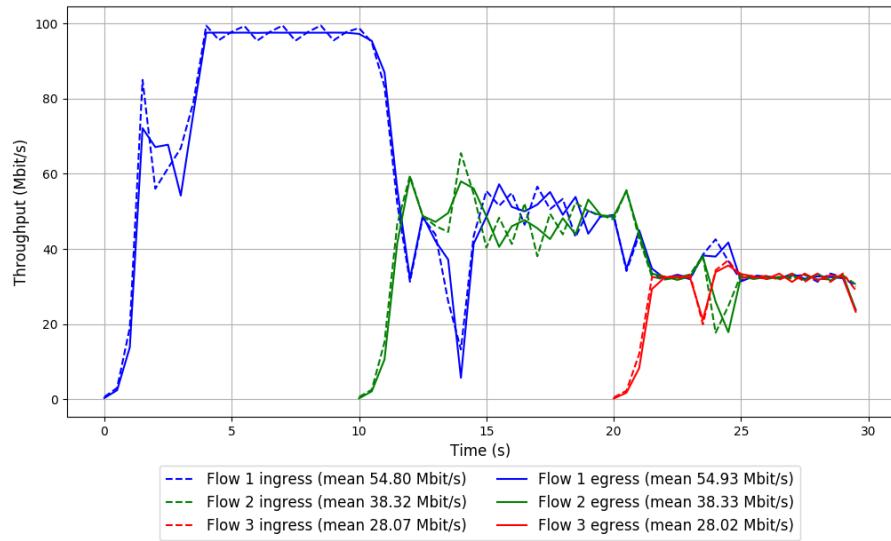


Run 9: Statistics of TCP BBR

```
Start at: 2018-03-21 03:00:55
End at: 2018-03-21 03:01:25
Local clock offset: -5.445 ms
Remote clock offset: -1.998 ms

# Below is generated by plot.py at 2018-03-21 07:51:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.51 Mbit/s
95th percentile per-packet one-way delay: 118.960 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 119.464 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 118.858 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 118.762 ms
Loss rate: 2.41%
```

Run 9: Report of TCP BBR — Data Link

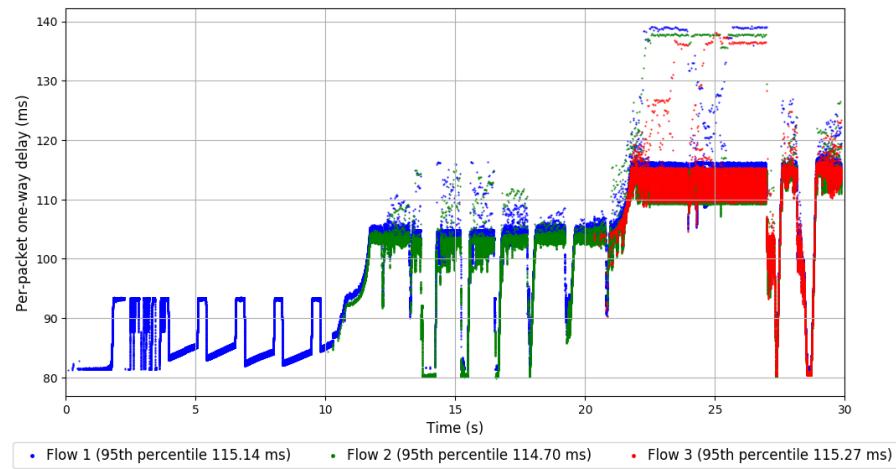
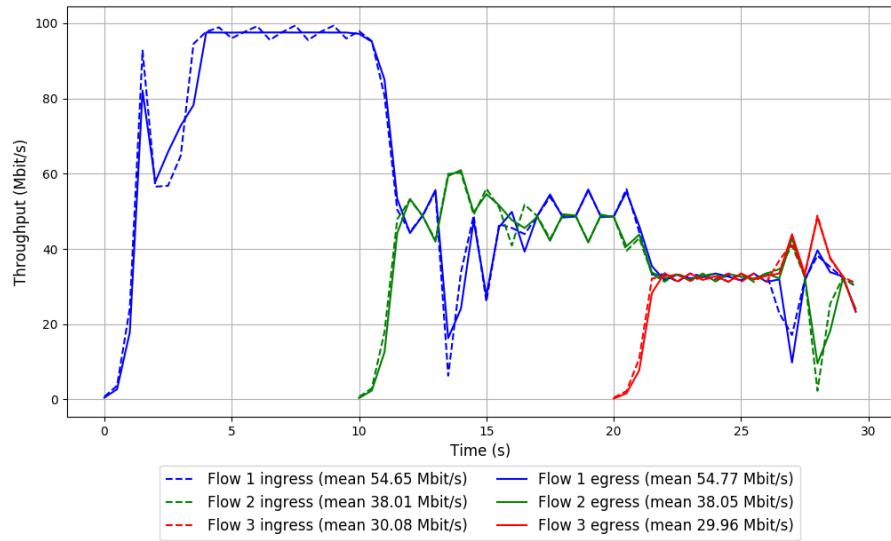


Run 10: Statistics of TCP BBR

```
Start at: 2018-03-21 03:24:57
End at: 2018-03-21 03:25:27
Local clock offset: -5.543 ms
Remote clock offset: 0.969 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 114.955 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 115.141 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 114.697 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 115.269 ms
Loss rate: 2.48%
```

Run 10: Report of TCP BBR — Data Link

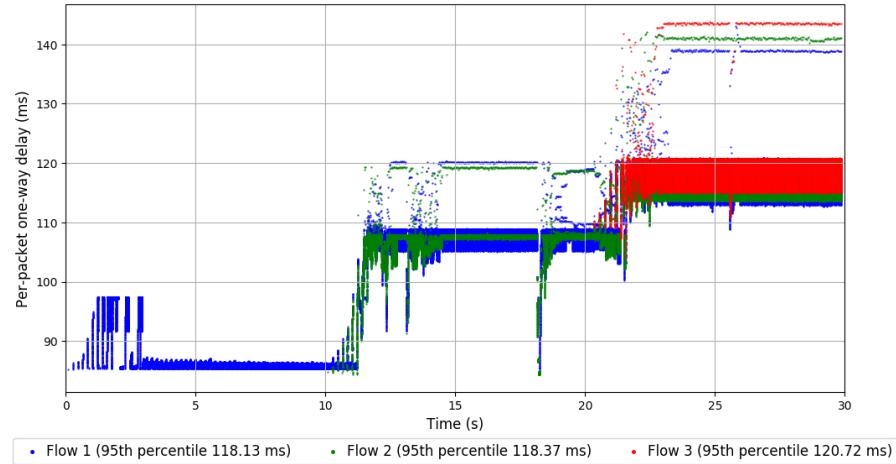
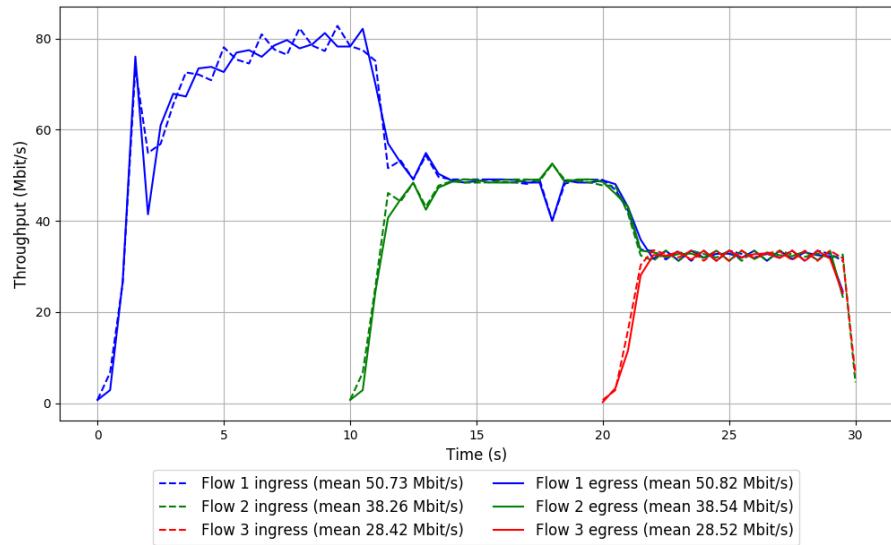


```
Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 23:48:07
End at: 2018-03-20 23:48:37
Local clock offset: -13.224 ms
Remote clock offset: 3.388 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.70 Mbit/s
95th percentile per-packet one-way delay: 119.580 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 118.129 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 118.369 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 28.52 Mbit/s
95th percentile per-packet one-way delay: 120.717 ms
Loss rate: 3.90%
```

Run 1: Report of TCP Cubic — Data Link

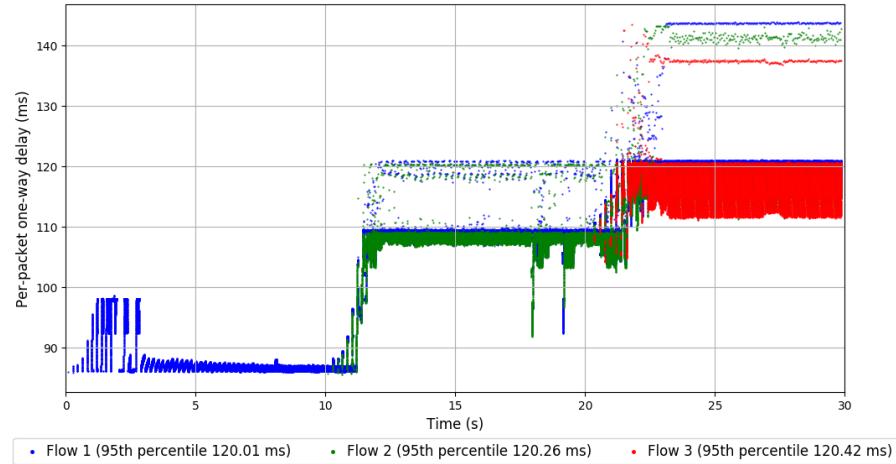
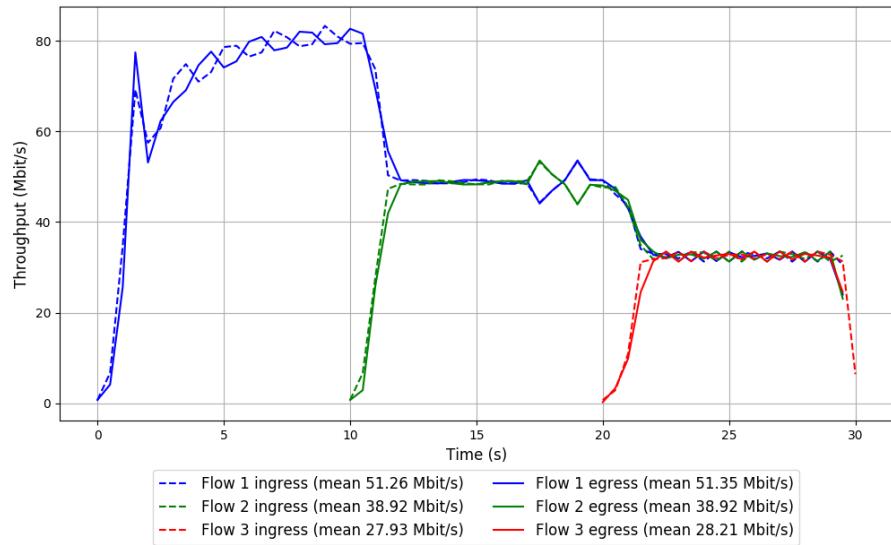


Run 2: Statistics of TCP Cubic

```
Start at: 2018-03-21 00:12:08
End at: 2018-03-21 00:12:38
Local clock offset: -14.03 ms
Remote clock offset: 2.2 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 120.228 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 120.013 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 120.260 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 120.421 ms
Loss rate: 3.75%
```

Run 2: Report of TCP Cubic — Data Link

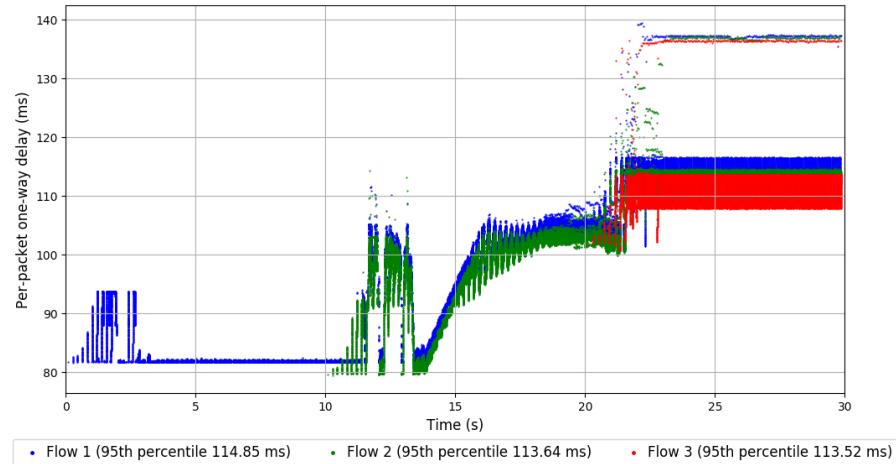
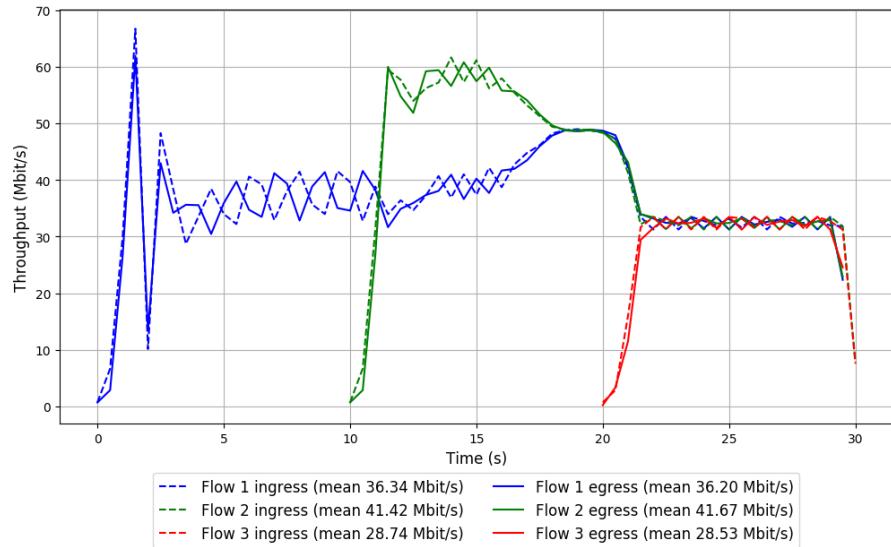


Run 3: Statistics of TCP Cubic

```
Start at: 2018-03-21 00:35:59
End at: 2018-03-21 00:36:29
Local clock offset: -14.235 ms
Remote clock offset: 7.08 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.17 Mbit/s
95th percentile per-packet one-way delay: 114.082 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 114.852 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 113.645 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 113.515 ms
Loss rate: 3.88%
```

Run 3: Report of TCP Cubic — Data Link

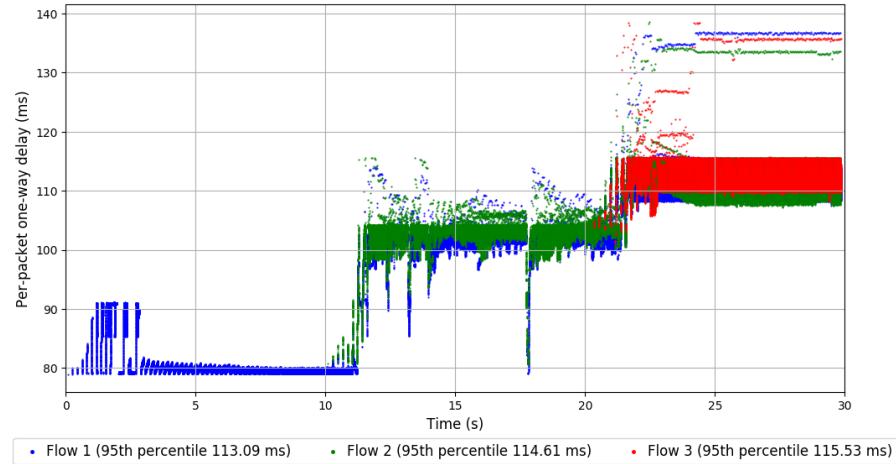
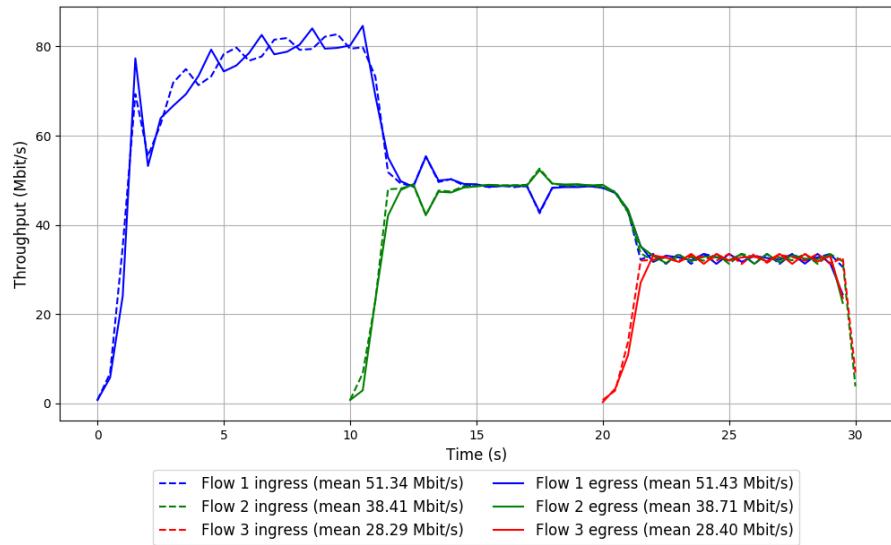


Run 4: Statistics of TCP Cubic

```
Start at: 2018-03-21 01:00:00
End at: 2018-03-21 01:00:30
Local clock offset: -14.19 ms
Remote clock offset: 5.971 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 114.112 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 113.095 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 114.613 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 28.40 Mbit/s
95th percentile per-packet one-way delay: 115.525 ms
Loss rate: 3.93%
```

Run 4: Report of TCP Cubic — Data Link

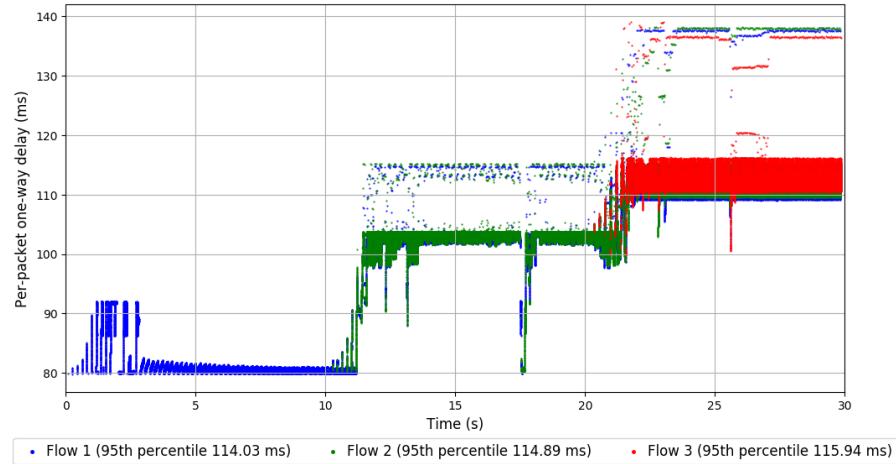
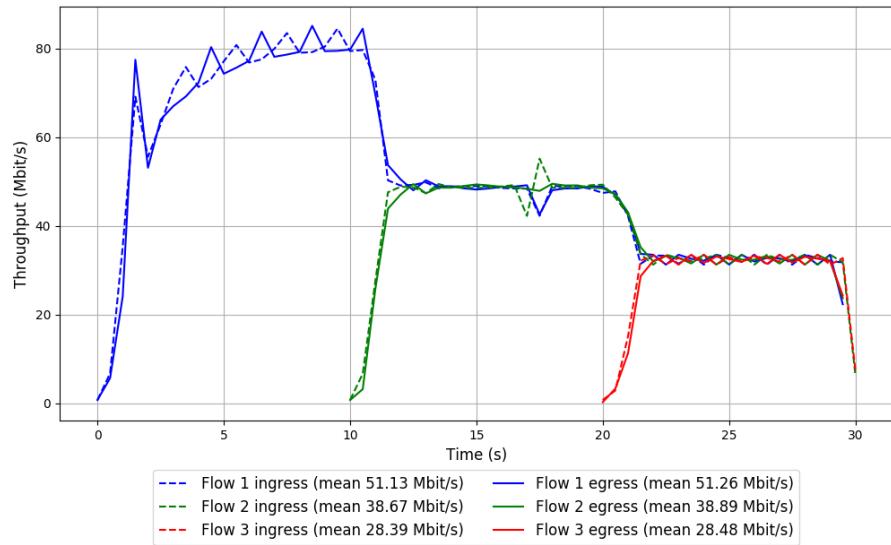


Run 5: Statistics of TCP Cubic

```
Start at: 2018-03-21 01:23:54
End at: 2018-03-21 01:24:24
Local clock offset: -14.348 ms
Remote clock offset: 5.423 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 114.687 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 51.26 Mbit/s
95th percentile per-packet one-way delay: 114.033 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 38.89 Mbit/s
95th percentile per-packet one-way delay: 114.890 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 115.939 ms
Loss rate: 3.91%
```

Run 5: Report of TCP Cubic — Data Link

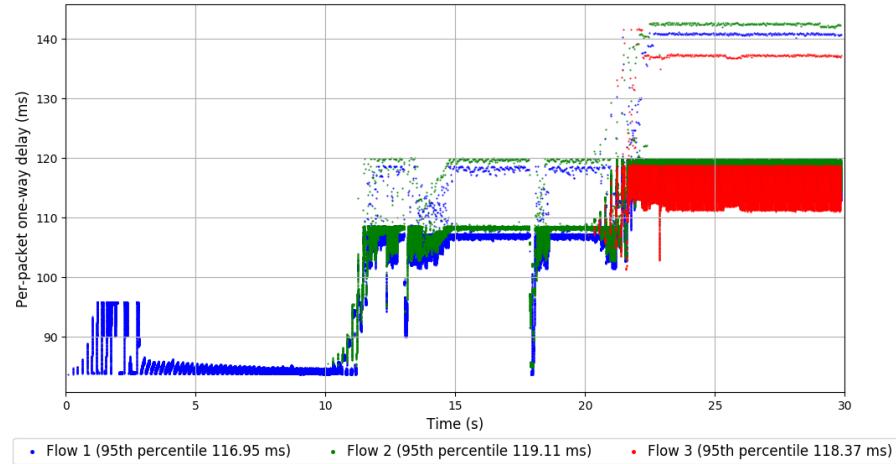
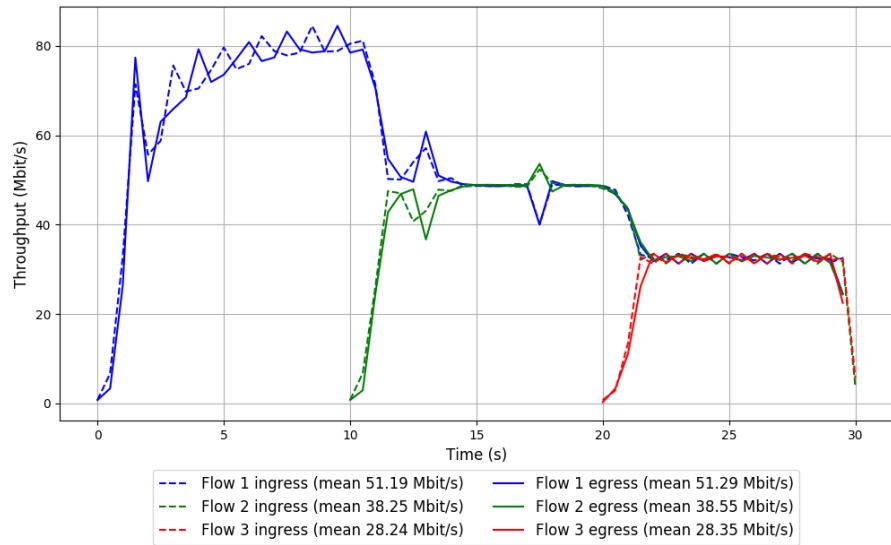


Run 6: Statistics of TCP Cubic

```
Start at: 2018-03-21 01:47:48
End at: 2018-03-21 01:48:18
Local clock offset: -7.622 ms
Remote clock offset: 0.675 ms

# Below is generated by plot.py at 2018-03-21 07:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 118.178 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 51.29 Mbit/s
95th percentile per-packet one-way delay: 116.947 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 38.55 Mbit/s
95th percentile per-packet one-way delay: 119.112 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 118.373 ms
Loss rate: 3.91%
```

Run 6: Report of TCP Cubic — Data Link

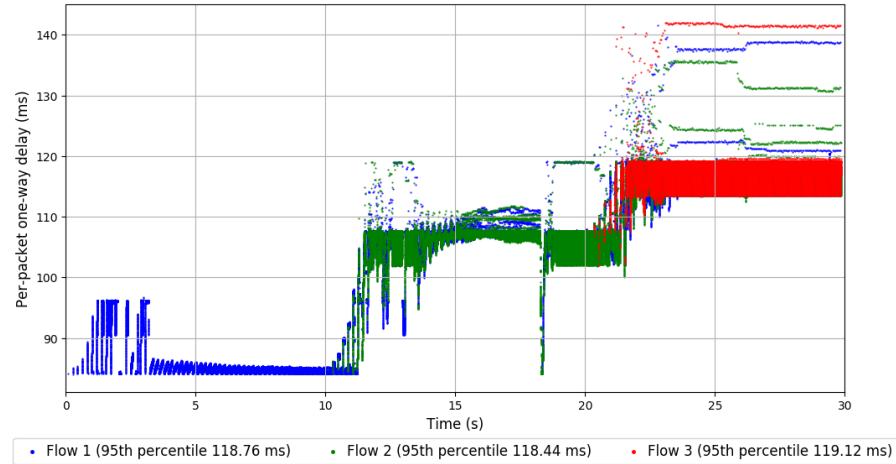
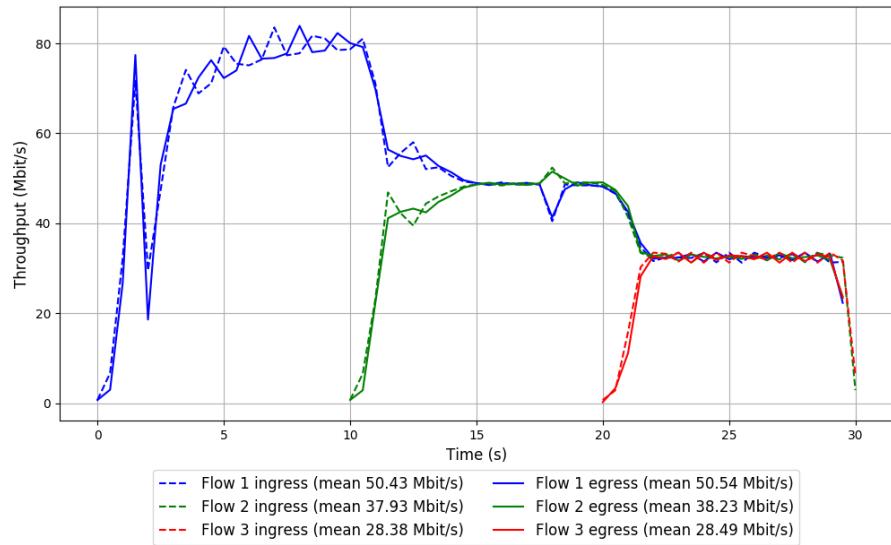


Run 7: Statistics of TCP Cubic

```
Start at: 2018-03-21 02:11:46
End at: 2018-03-21 02:12:16
Local clock offset: -1.628 ms
Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2018-03-21 07:52:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 118.915 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 50.54 Mbit/s
95th percentile per-packet one-way delay: 118.764 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 118.444 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 119.121 ms
Loss rate: 3.88%
```

Run 7: Report of TCP Cubic — Data Link

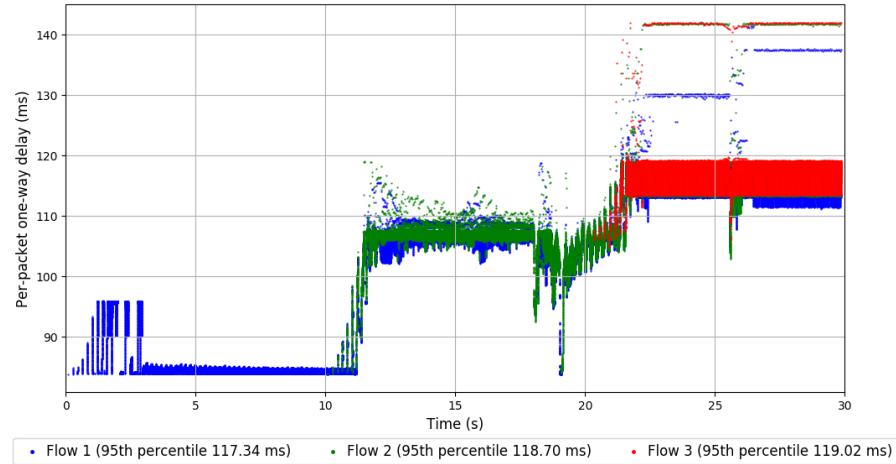
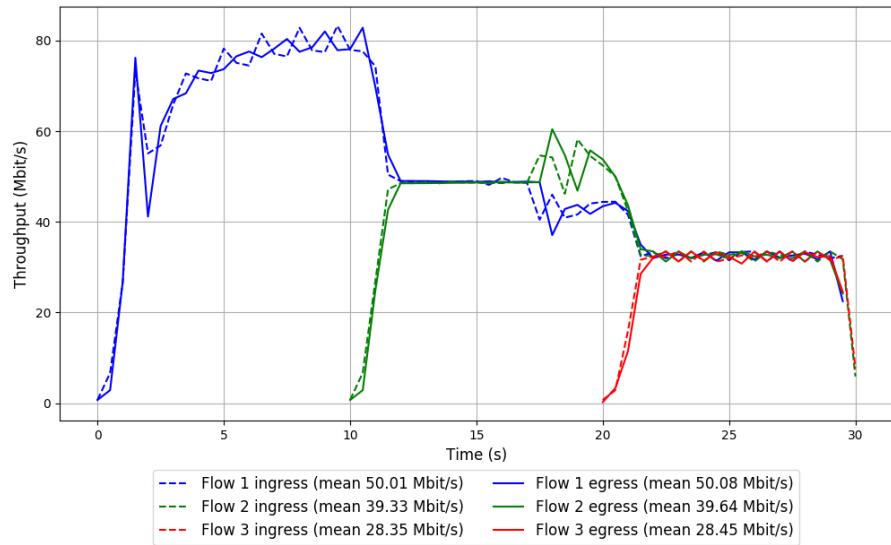


Run 8: Statistics of TCP Cubic

```
Start at: 2018-03-21 02:35:39
End at: 2018-03-21 02:36:09
Local clock offset: -4.382 ms
Remote clock offset: -1.04 ms

# Below is generated by plot.py at 2018-03-21 07:53:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 118.504 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 117.344 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 118.696 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 119.024 ms
Loss rate: 3.92%
```

Run 8: Report of TCP Cubic — Data Link

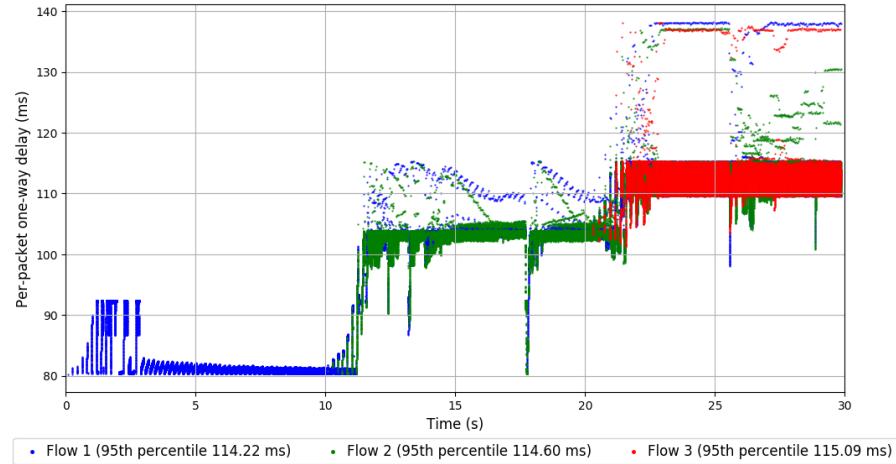
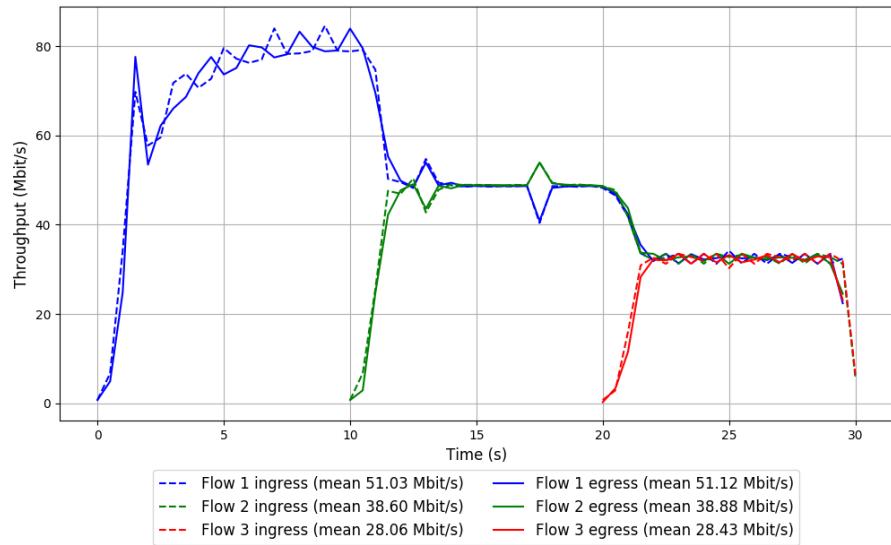


Run 9: Statistics of TCP Cubic

```
Start at: 2018-03-21 02:59:35
End at: 2018-03-21 03:00:05
Local clock offset: -5.416 ms
Remote clock offset: 1.934 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 114.567 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 51.12 Mbit/s
95th percentile per-packet one-way delay: 114.215 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 38.88 Mbit/s
95th percentile per-packet one-way delay: 114.603 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 115.091 ms
Loss rate: 3.93%
```

Run 9: Report of TCP Cubic — Data Link

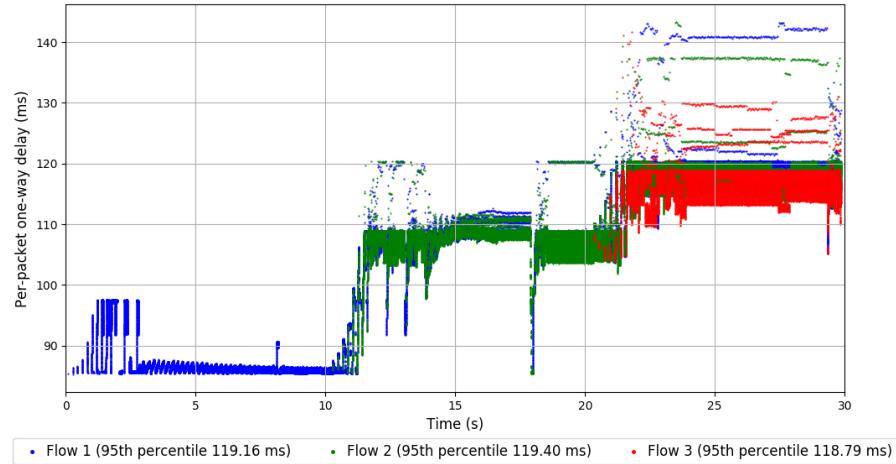
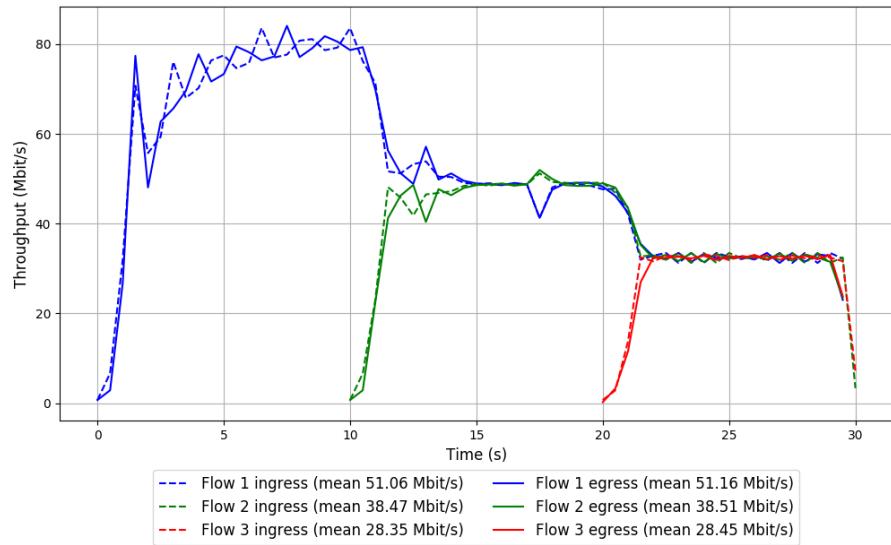


Run 10: Statistics of TCP Cubic

```
Start at: 2018-03-21 03:23:37
End at: 2018-03-21 03:24:07
Local clock offset: -5.519 ms
Remote clock offset: -2.864 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 119.181 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 119.159 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 119.401 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 118.792 ms
Loss rate: 3.89%
```

Run 10: Report of TCP Cubic — Data Link

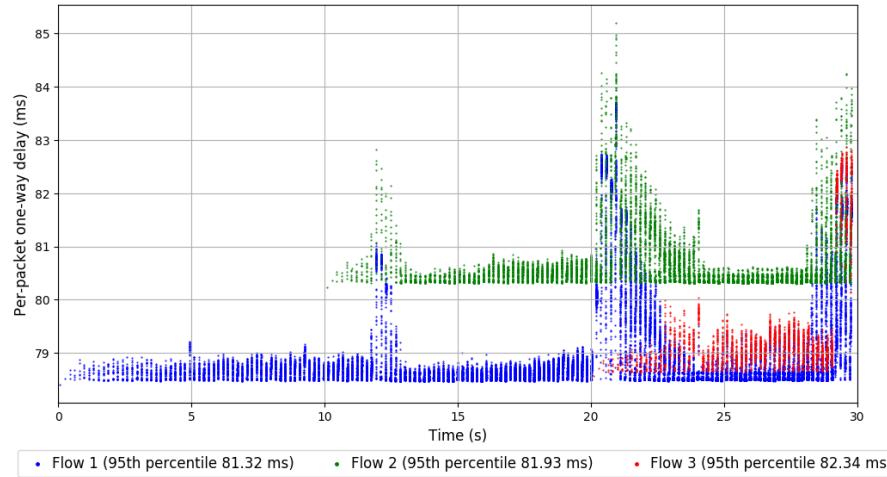
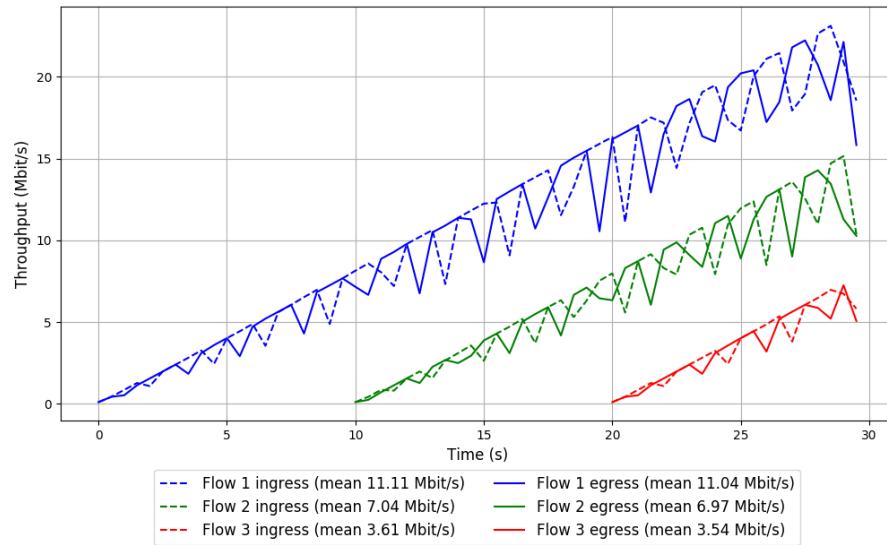


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-03-20 23:58:45
End at: 2018-03-20 23:59:15
Local clock offset: -13.5 ms
Remote clock offset: 8.441 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.81 Mbit/s
95th percentile per-packet one-way delay: 81.708 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 81.324 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 81.928 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 82.339 ms
Loss rate: 3.66%
```

Run 1: Report of LEDBAT — Data Link

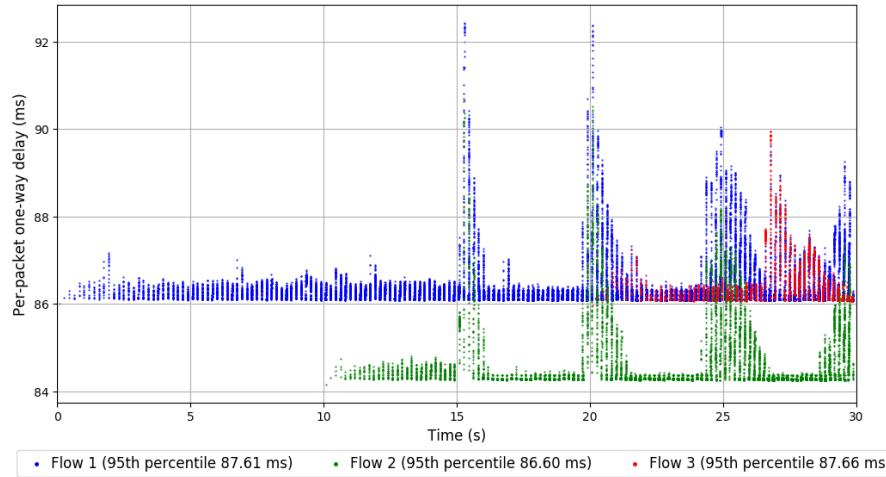
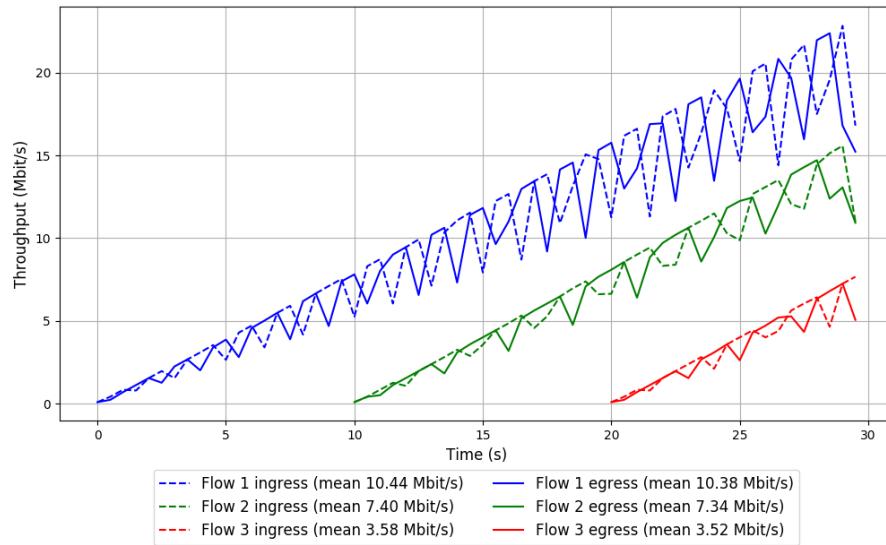


Run 2: Statistics of LEDBAT

```
Start at: 2018-03-21 00:22:37
End at: 2018-03-21 00:23:07
Local clock offset: -14.108 ms
Remote clock offset: 1.833 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 87.423 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 87.614 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 86.600 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 87.656 ms
Loss rate: 3.66%
```

Run 2: Report of LEDBAT — Data Link

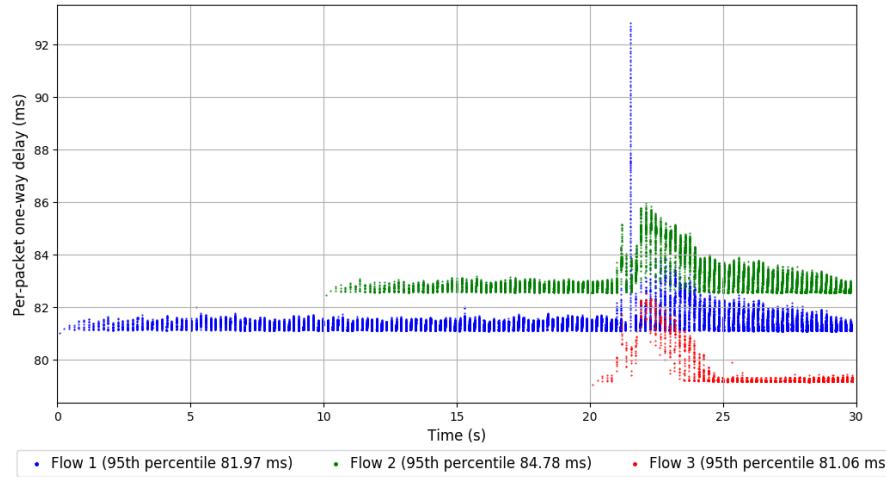
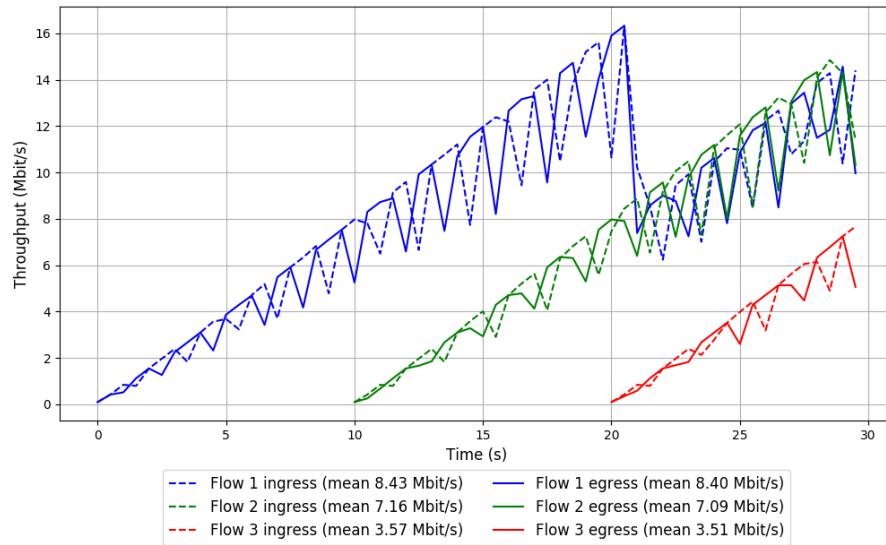


Run 3: Statistics of LEDBAT

```
Start at: 2018-03-21 00:46:30
End at: 2018-03-21 00:47:00
Local clock offset: -14.18 ms
Remote clock offset: 5.806 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 83.696 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 81.965 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 84.775 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 81.063 ms
Loss rate: 3.67%
```

Run 3: Report of LEDBAT — Data Link

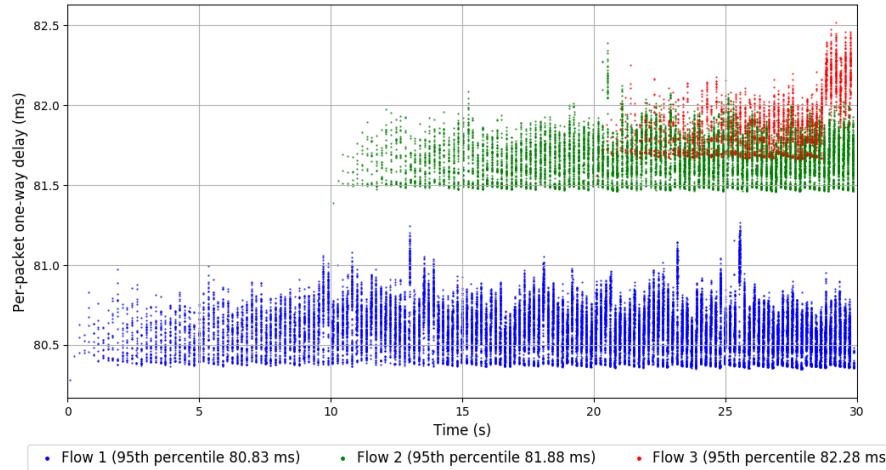
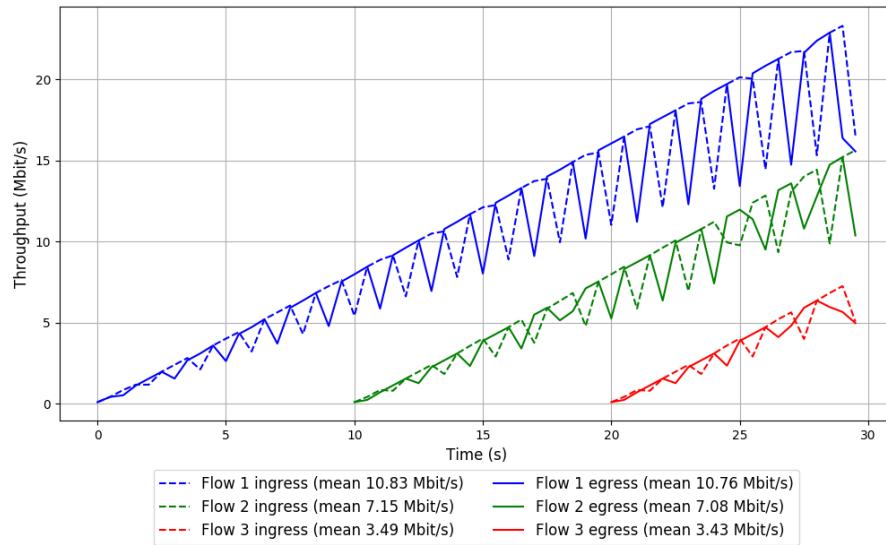


Run 4: Statistics of LEDBAT

```
Start at: 2018-03-21 01:10:31
End at: 2018-03-21 01:11:01
Local clock offset: -14.225 ms
Remote clock offset: 5.877 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.57 Mbit/s
95th percentile per-packet one-way delay: 81.880 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 80.832 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 81.883 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 82.277 ms
Loss rate: 3.73%
```

Run 4: Report of LEDBAT — Data Link

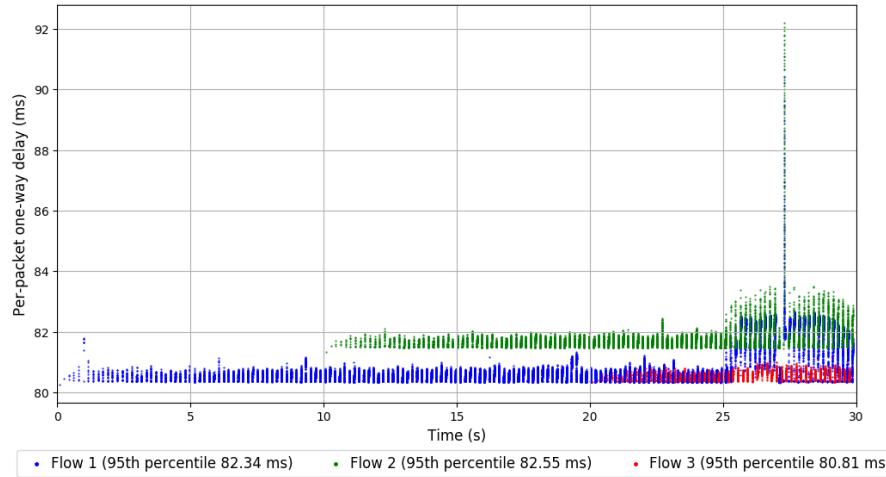
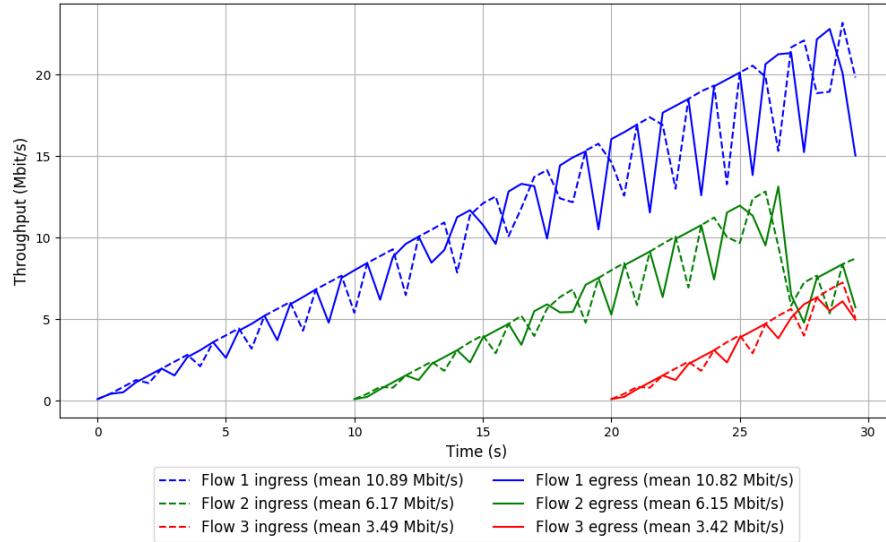


Run 5: Statistics of LEDBAT

```
Start at: 2018-03-21 01:34:26
End at: 2018-03-21 01:34:56
Local clock offset: -14.277 ms
Remote clock offset: 5.014 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 82.358 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 82.345 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 82.553 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 80.810 ms
Loss rate: 3.73%
```

Run 5: Report of LEDBAT — Data Link

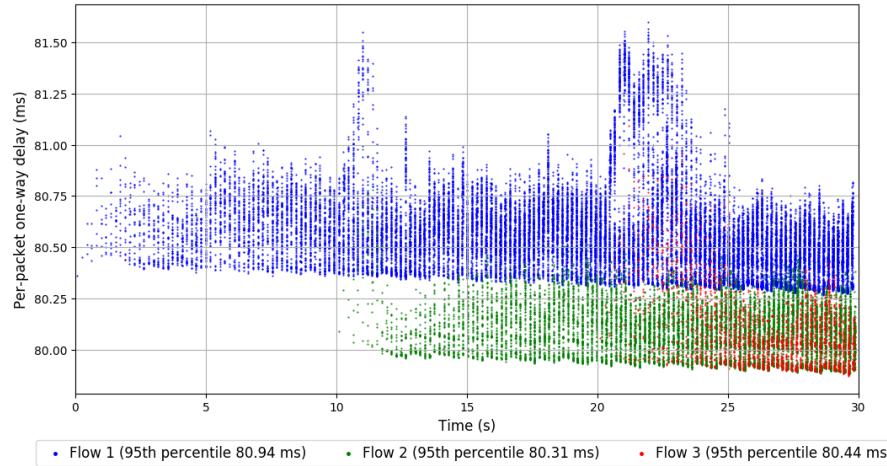
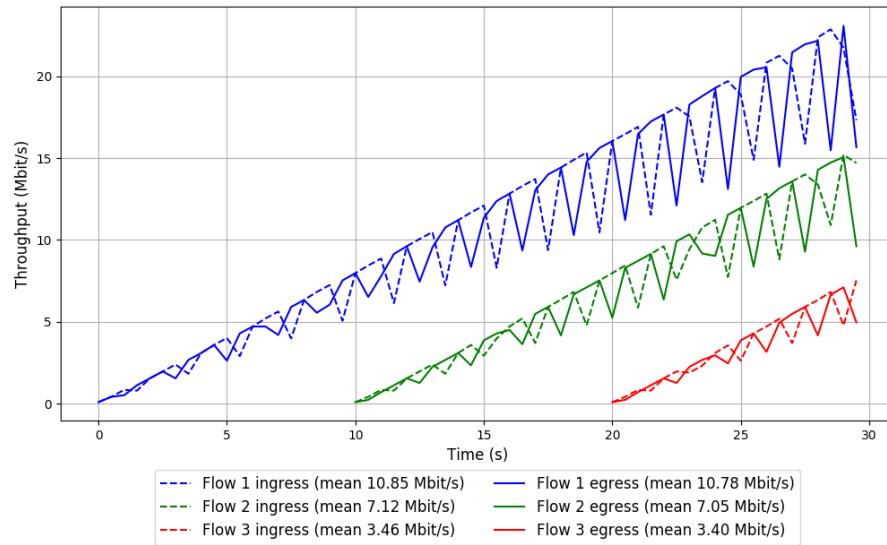


Run 6: Statistics of LEDBAT

```
Start at: 2018-03-21 01:58:22
End at: 2018-03-21 01:58:52
Local clock offset: -4.112 ms
Remote clock offset: 4.031 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 80.828 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 80.939 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 80.305 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 80.437 ms
Loss rate: 3.73%
```

Run 6: Report of LEDBAT — Data Link

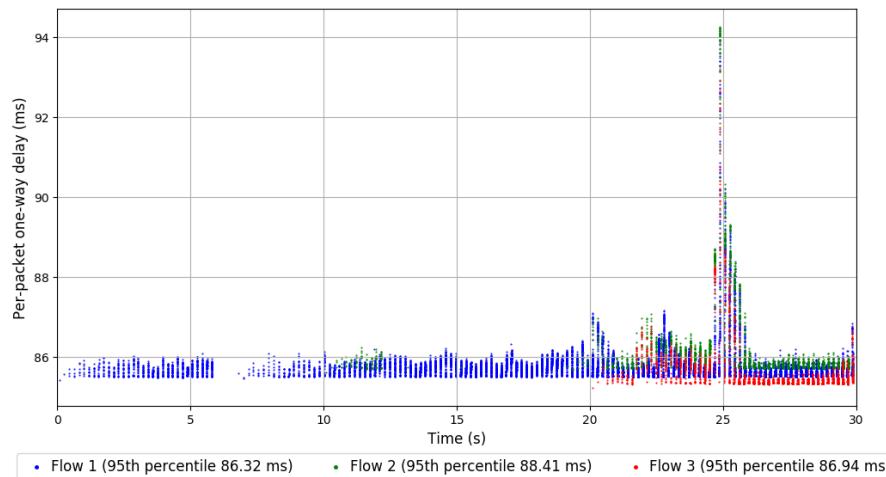
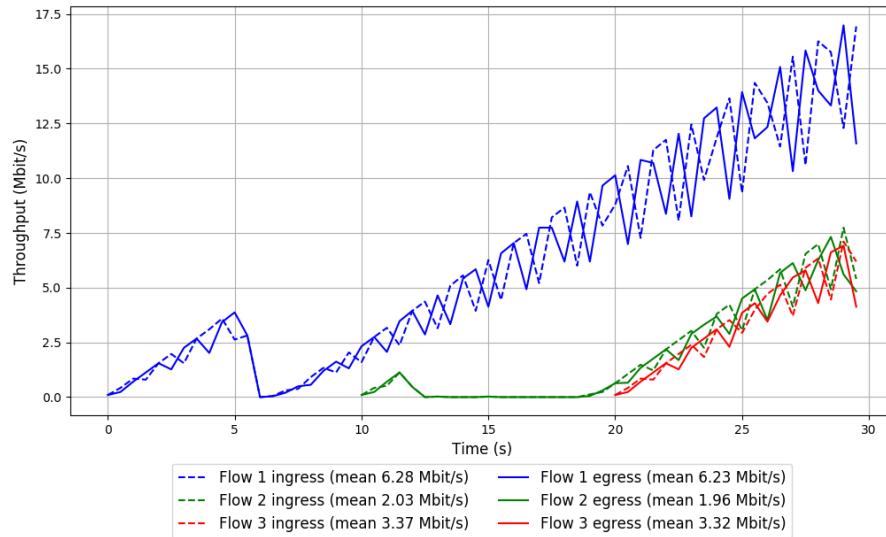


Run 7: Statistics of LEDBAT

```
Start at: 2018-03-21 02:22:18
End at: 2018-03-21 02:22:48
Local clock offset: -4.128 ms
Remote clock offset: -0.675 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 86.579 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 86.317 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 88.406 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 86.935 ms
Loss rate: 3.36%
```

Run 7: Report of LEDBAT — Data Link

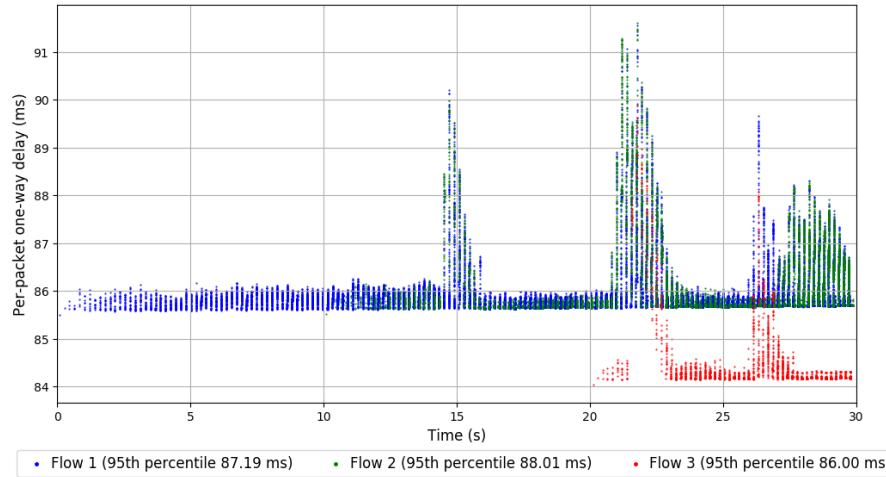
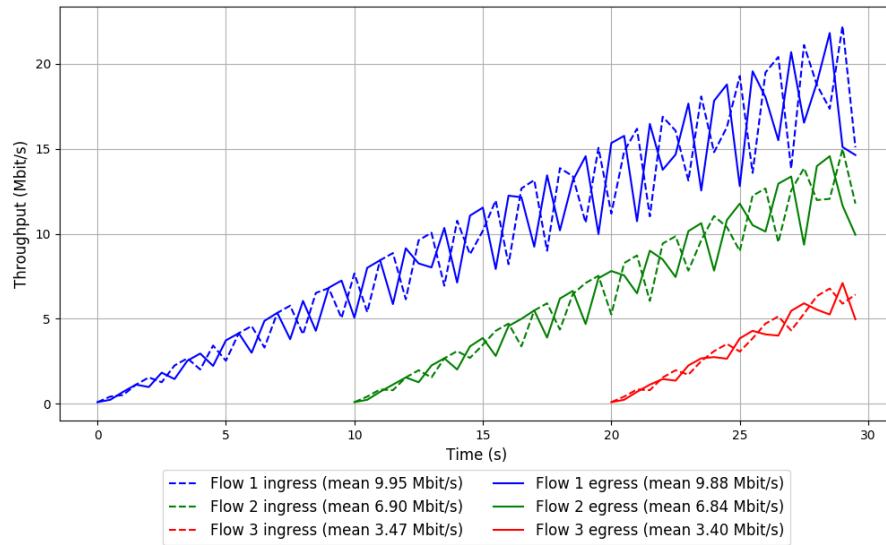


Run 8: Statistics of LEDBAT

```
Start at: 2018-03-21 02:46:11
End at: 2018-03-21 02:46:41
Local clock offset: -3.822 ms
Remote clock offset: -1.519 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 87.409 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 9.88 Mbit/s
95th percentile per-packet one-way delay: 87.194 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 88.007 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 86.001 ms
Loss rate: 3.74%
```

Run 8: Report of LEDBAT — Data Link

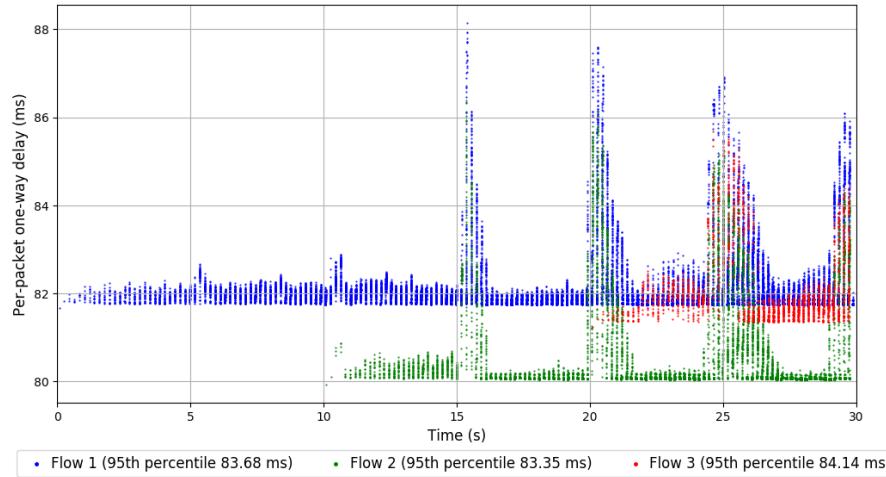
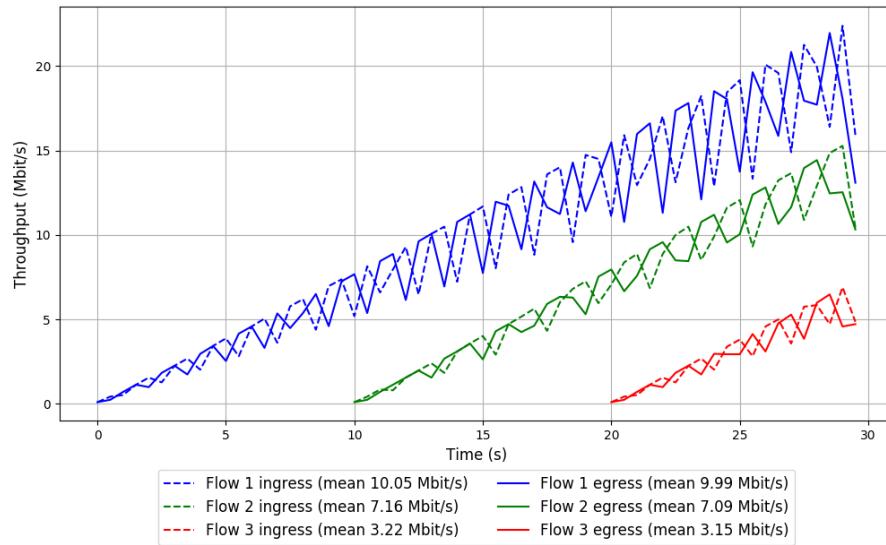


Run 9: Statistics of LEDBAT

```
Start at: 2018-03-21 03:10:15
End at: 2018-03-21 03:10:45
Local clock offset: -5.543 ms
Remote clock offset: 1.427 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 83.657 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 83.676 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 83.347 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 84.144 ms
Loss rate: 3.90%
```

Run 9: Report of LEDBAT — Data Link

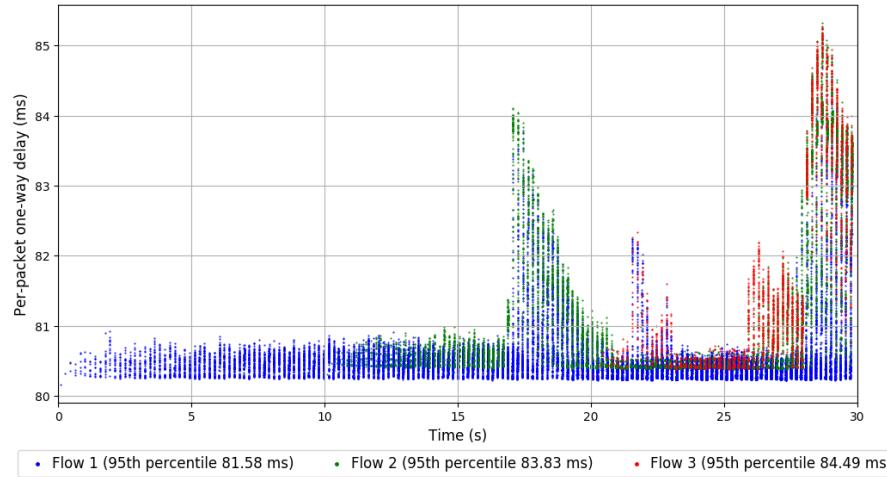
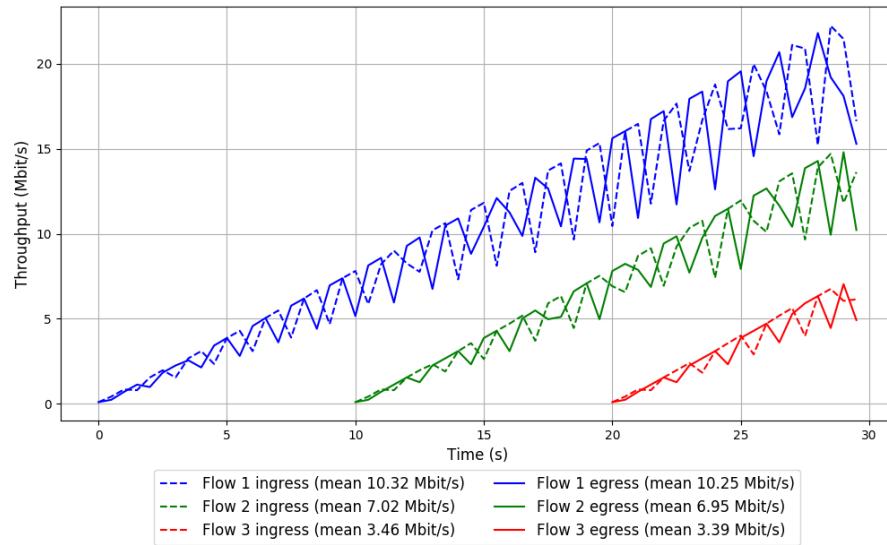


Run 10: Statistics of LEDBAT

```
Start at: 2018-03-21 03:34:09
End at: 2018-03-21 03:34:39
Local clock offset: -5.657 ms
Remote clock offset: 0.501 ms

# Below is generated by plot.py at 2018-03-21 07:53:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 83.336 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 81.578 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 83.832 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 84.487 ms
Loss rate: 3.71%
```

Run 10: Report of LEDBAT — Data Link

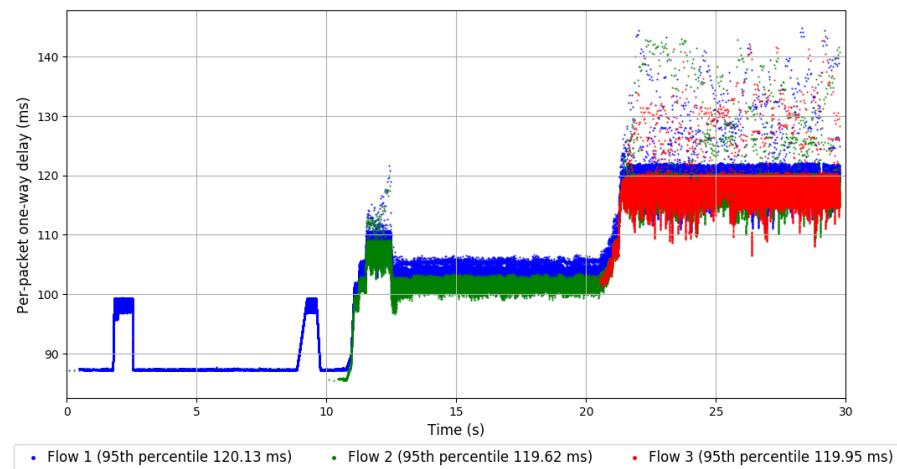
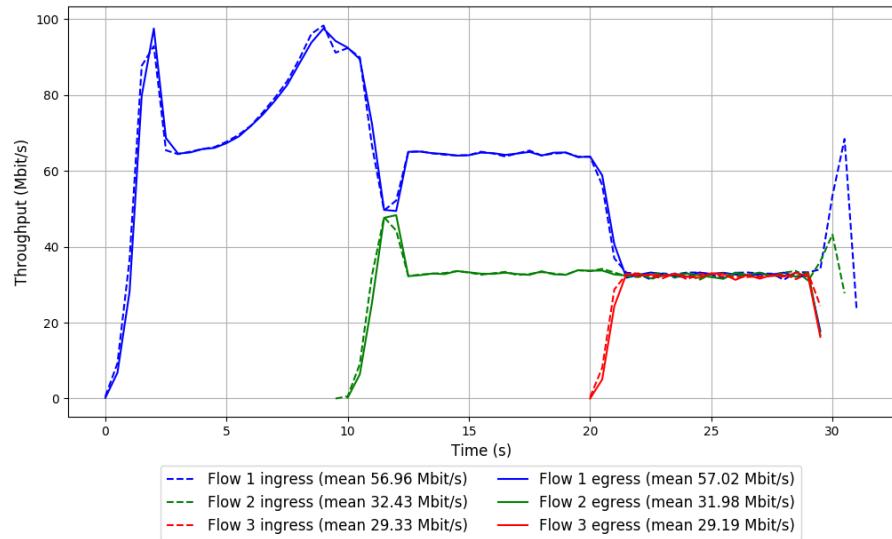


```
Run 1: Statistics of PCC

Start at: 2018-03-21 00:08:03
End at: 2018-03-21 00:08:33
Local clock offset: -13.885 ms
Remote clock offset: 2.392 ms

# Below is generated by plot.py at 2018-03-21 07:53:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 119.906 ms
Loss rate: 5.15%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 120.129 ms
Loss rate: 4.79%
-- Flow 2:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 119.622 ms
Loss rate: 7.16%
-- Flow 3:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 119.953 ms
Loss rate: 2.70%
```

Run 1: Report of PCC — Data Link

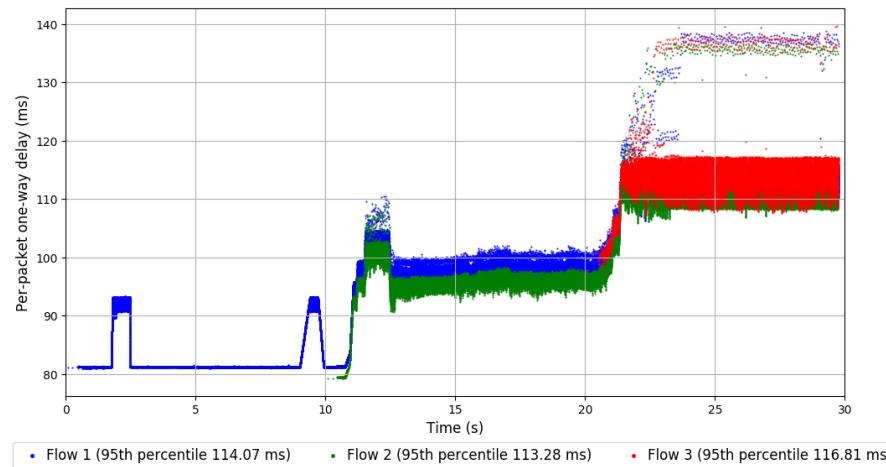
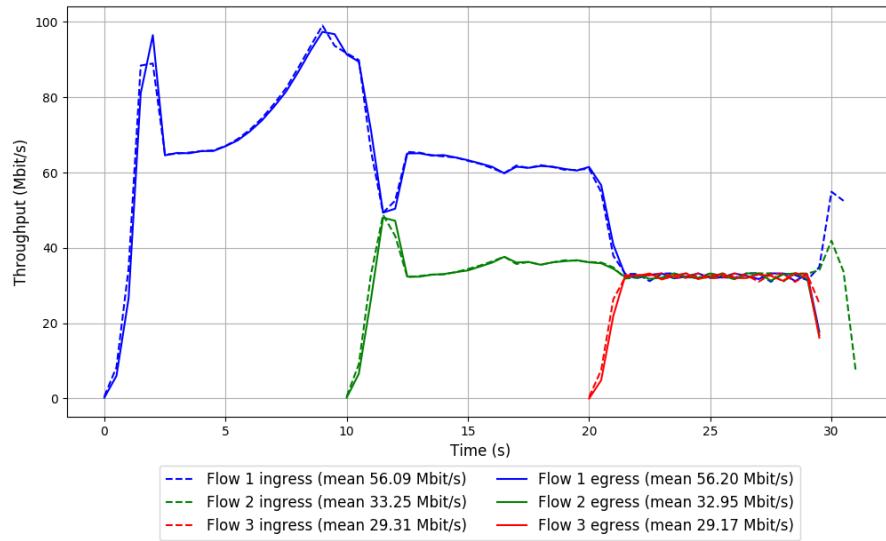


Run 2: Statistics of PCC

```
Start at: 2018-03-21 00:31:54
End at: 2018-03-21 00:32:24
Local clock offset: -14.185 ms
Remote clock offset: 6.357 ms

# Below is generated by plot.py at 2018-03-21 07:53:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 114.846 ms
Loss rate: 4.68%
-- Flow 1:
Average throughput: 56.20 Mbit/s
95th percentile per-packet one-way delay: 114.071 ms
Loss rate: 3.79%
-- Flow 2:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 113.277 ms
Loss rate: 7.70%
-- Flow 3:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 116.815 ms
Loss rate: 2.72%
```

Run 2: Report of PCC — Data Link

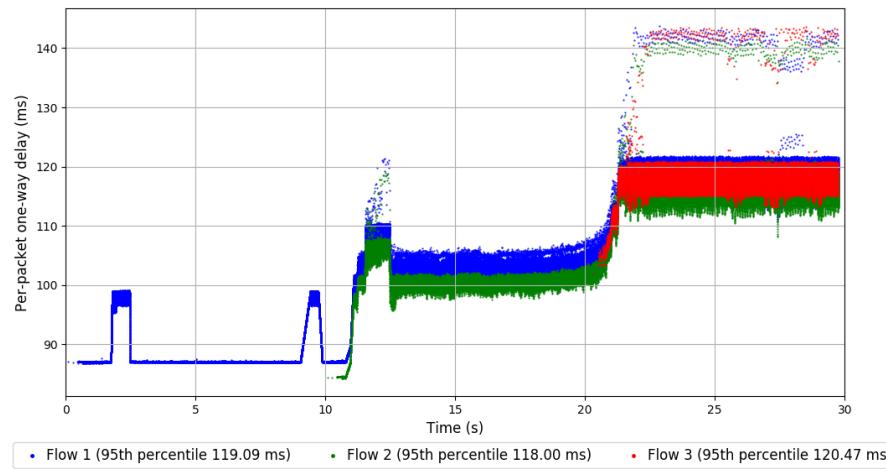
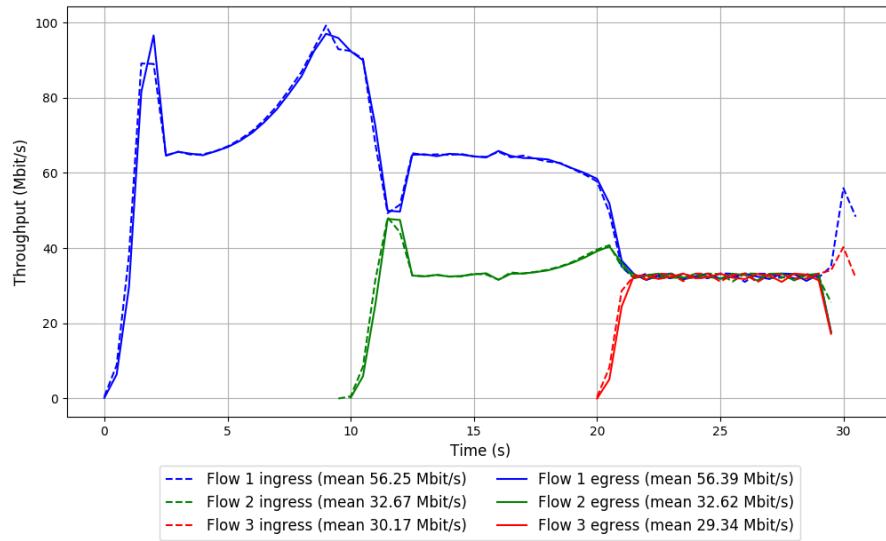


Run 3: Statistics of PCC

```
Start at: 2018-03-21 00:55:54
End at: 2018-03-21 00:56:24
Local clock offset: -14.194 ms
Remote clock offset: 0.661 ms

# Below is generated by plot.py at 2018-03-21 07:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 119.513 ms
Loss rate: 4.45%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 119.086 ms
Loss rate: 3.73%
-- Flow 2:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 118.003 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 120.467 ms
Loss rate: 14.73%
```

Run 3: Report of PCC — Data Link

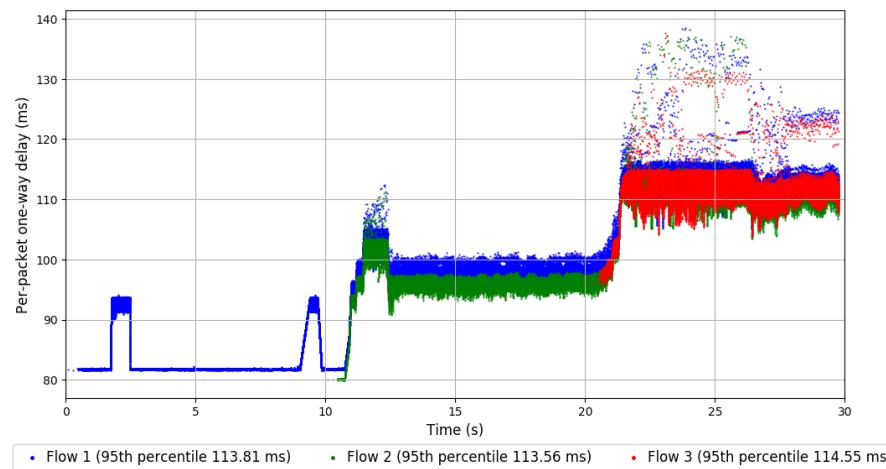
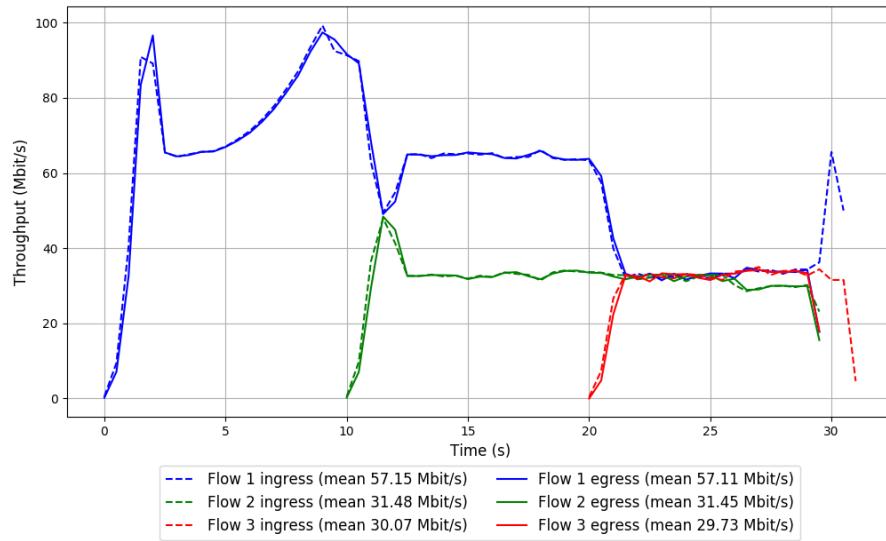


Run 4: Statistics of PCC

```
Start at: 2018-03-21 01:19:49
End at: 2018-03-21 01:20:19
Local clock offset: -14.264 ms
Remote clock offset: 5.485 ms

# Below is generated by plot.py at 2018-03-21 07:53:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 113.918 ms
Loss rate: 4.55%
-- Flow 1:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 113.811 ms
Loss rate: 4.02%
-- Flow 2:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 113.558 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 29.73 Mbit/s
95th percentile per-packet one-way delay: 114.550 ms
Loss rate: 13.73%
```

Run 4: Report of PCC — Data Link

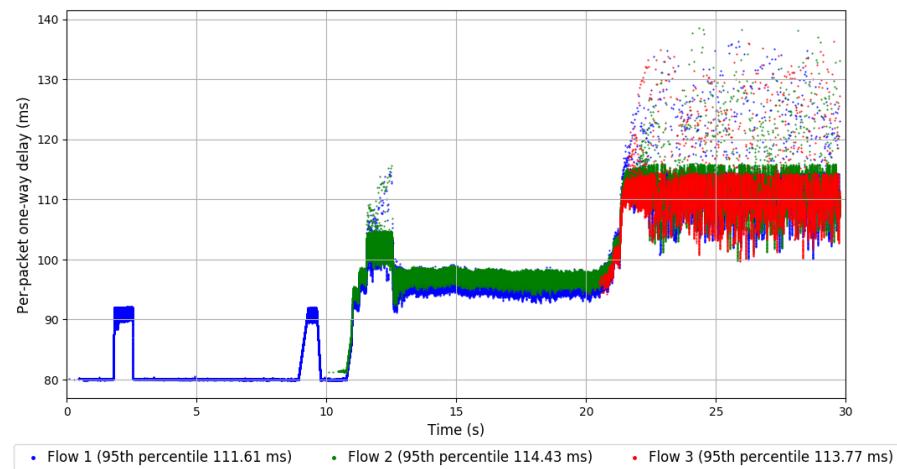
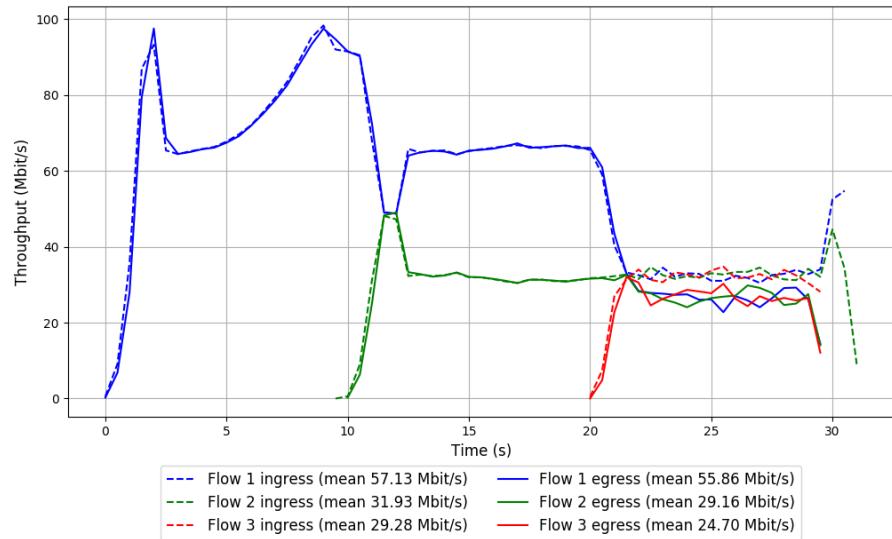


Run 5: Statistics of PCC

```
Start at: 2018-03-21 01:43:43
End at: 2018-03-21 01:44:13
Local clock offset: -9.752 ms
Remote clock offset: 4.65 ms

# Below is generated by plot.py at 2018-03-21 07:54:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.23 Mbit/s
95th percentile per-packet one-way delay: 113.154 ms
Loss rate: 9.60%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 111.605 ms
Loss rate: 6.18%
-- Flow 2:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 114.434 ms
Loss rate: 15.00%
-- Flow 3:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 113.769 ms
Loss rate: 17.87%
```

Run 5: Report of PCC — Data Link

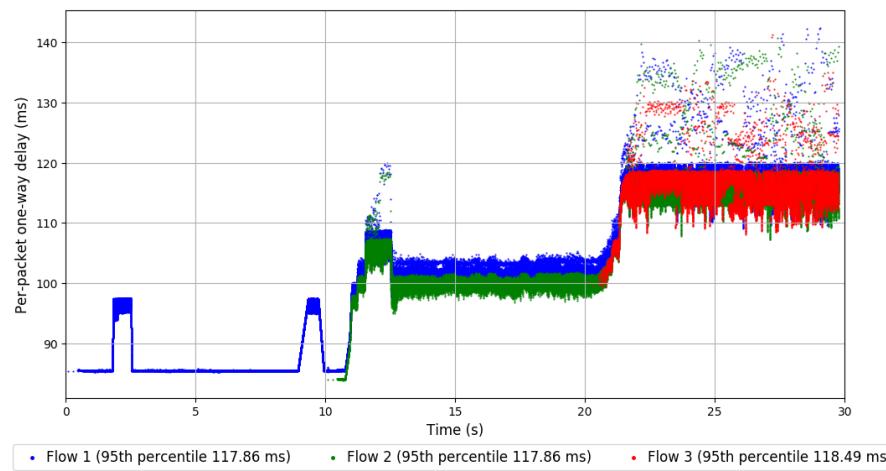
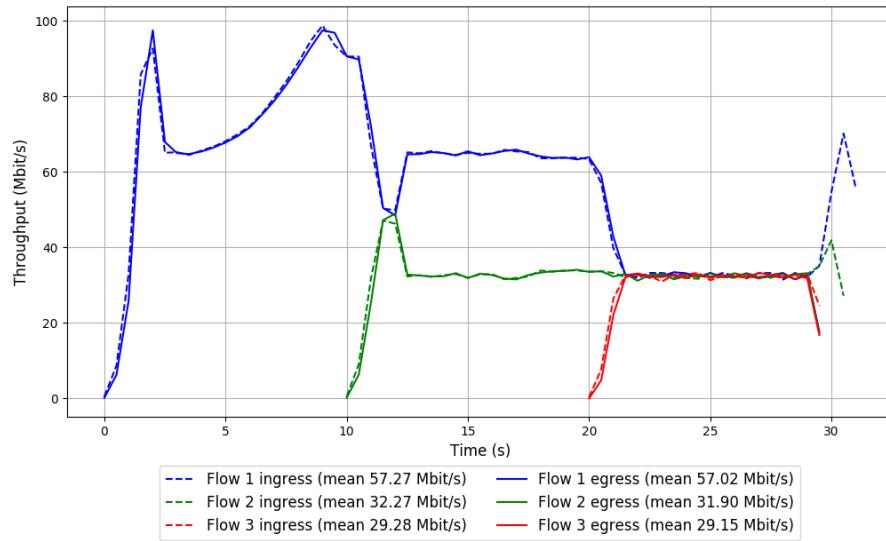


Run 6: Statistics of PCC

```
Start at: 2018-03-21 02:07:41
End at: 2018-03-21 02:08:11
Local clock offset: -2.279 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-03-21 07:54:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 118.065 ms
Loss rate: 5.72%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 117.863 ms
Loss rate: 5.74%
-- Flow 2:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 117.865 ms
Loss rate: 6.95%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 118.489 ms
Loss rate: 2.72%
```

Run 6: Report of PCC — Data Link

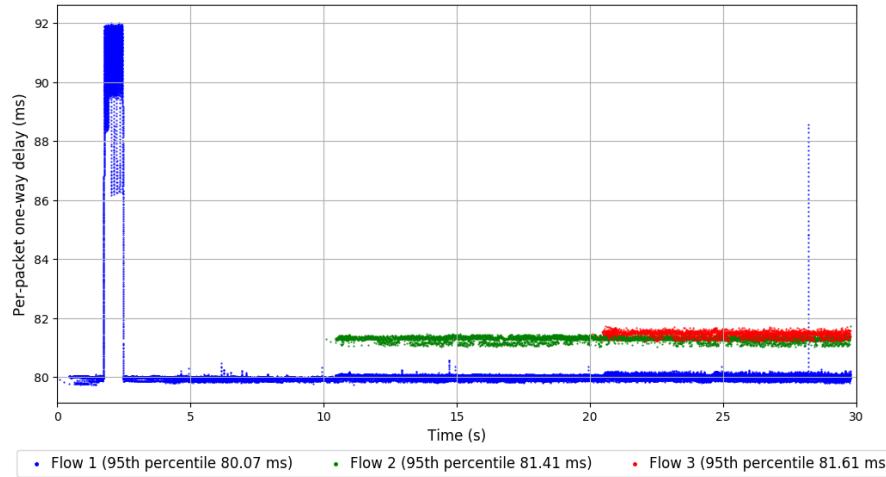
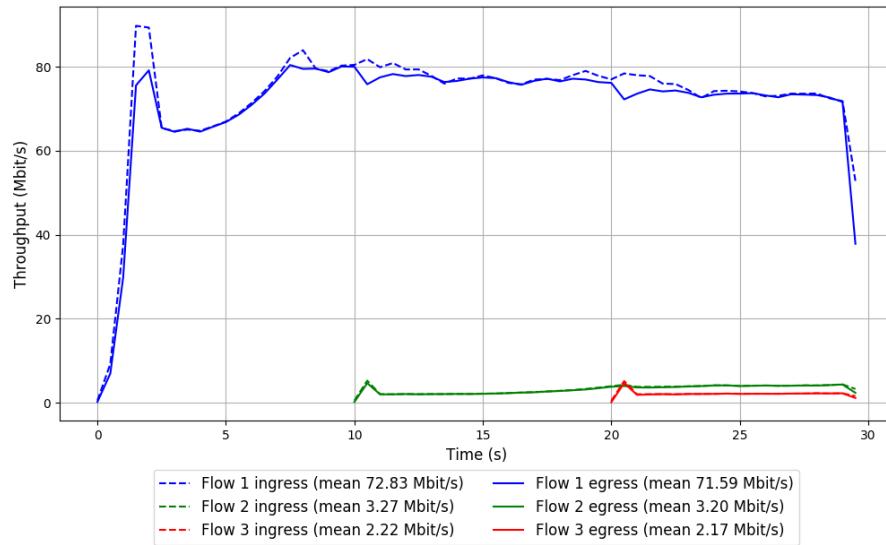


Run 7: Statistics of PCC

```
Start at: 2018-03-21 02:31:35
End at: 2018-03-21 02:32:05
Local clock offset: -4.461 ms
Remote clock offset: 2.989 ms

# Below is generated by plot.py at 2018-03-21 07:54:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 81.335 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 71.59 Mbit/s
95th percentile per-packet one-way delay: 80.066 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 81.408 ms
Loss rate: 2.90%
-- Flow 3:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 81.606 ms
Loss rate: 3.85%
```

Run 7: Report of PCC — Data Link

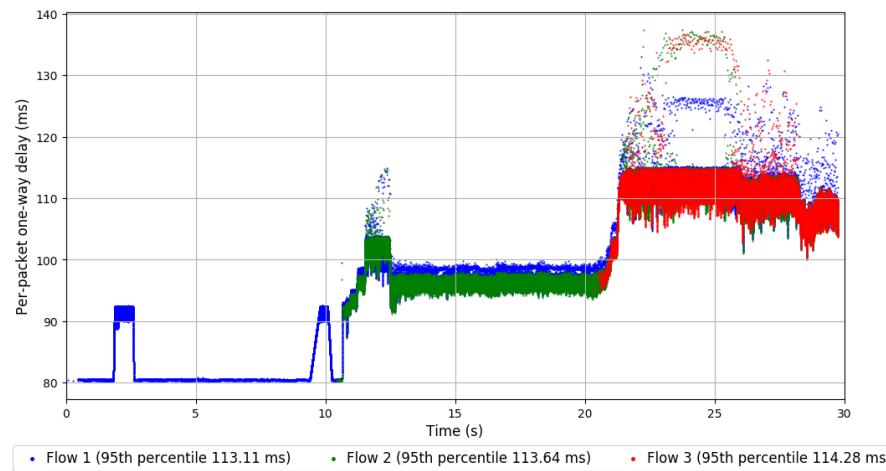
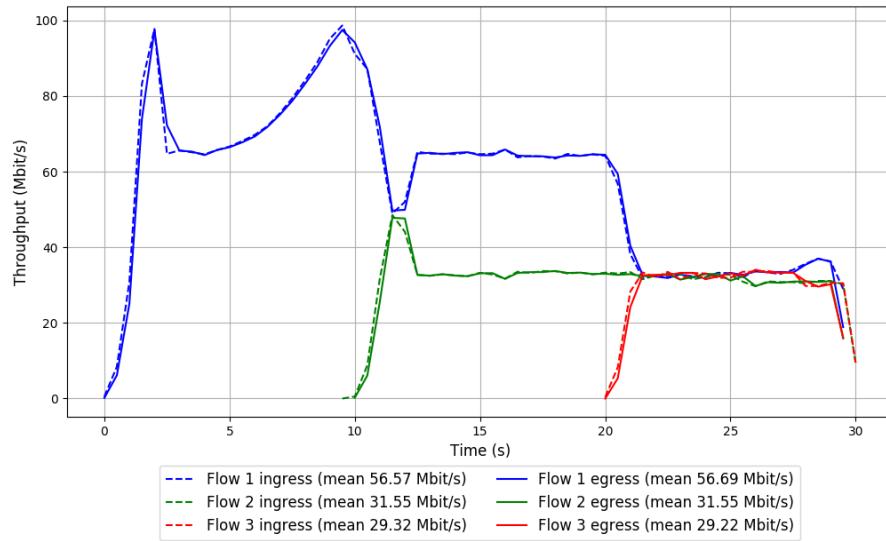


Run 8: Statistics of PCC

```
Start at: 2018-03-21 02:55:26
End at: 2018-03-21 02:55:56
Local clock offset: -5.175 ms
Remote clock offset: 1.972 ms

# Below is generated by plot.py at 2018-03-21 07:54:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 113.529 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 113.105 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 113.637 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 114.280 ms
Loss rate: 5.15%
```

Run 8: Report of PCC — Data Link

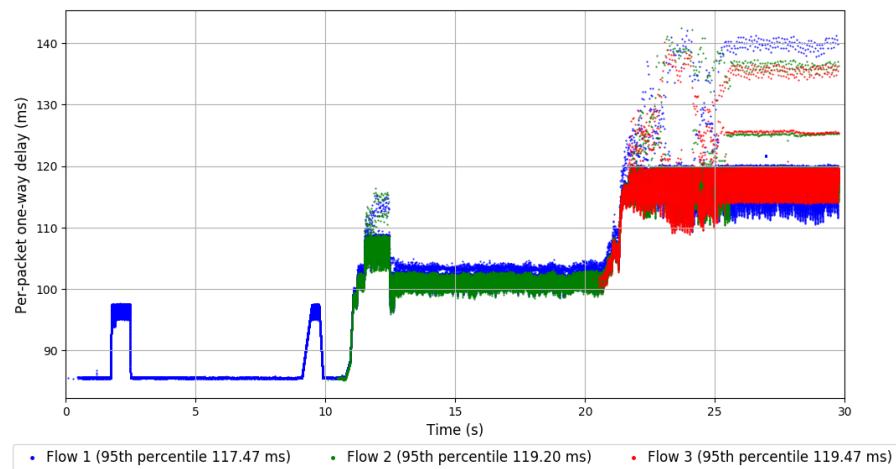
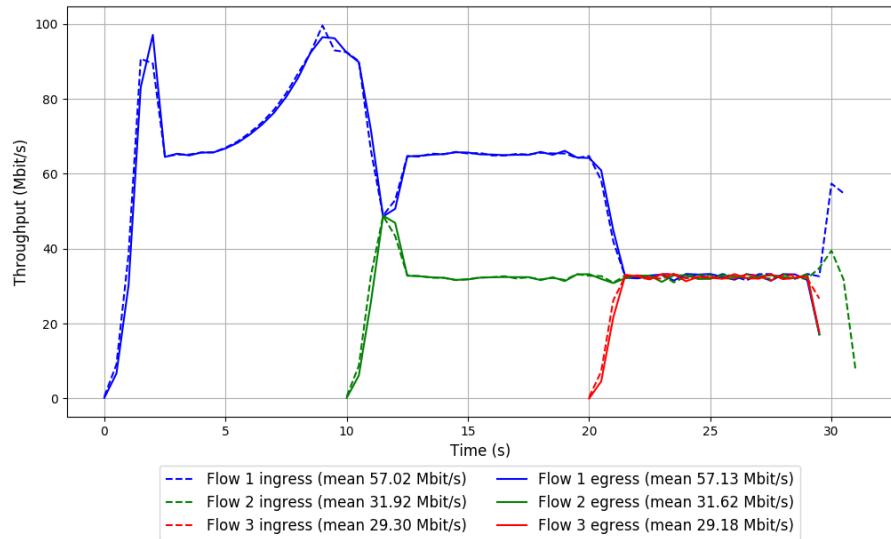


Run 9: Statistics of PCC

```
Start at: 2018-03-21 03:19:31
End at: 2018-03-21 03:20:01
Local clock offset: -5.49 ms
Remote clock offset: -2.717 ms

# Below is generated by plot.py at 2018-03-21 07:54:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 118.829 ms
Loss rate: 4.69%
-- Flow 1:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 117.474 ms
Loss rate: 3.86%
-- Flow 2:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 119.202 ms
Loss rate: 7.65%
-- Flow 3:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 119.469 ms
Loss rate: 2.89%
```

Run 9: Report of PCC — Data Link

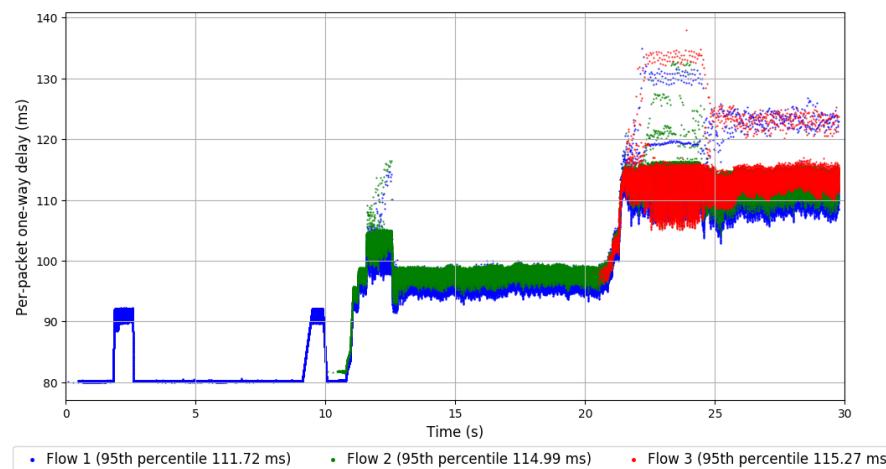
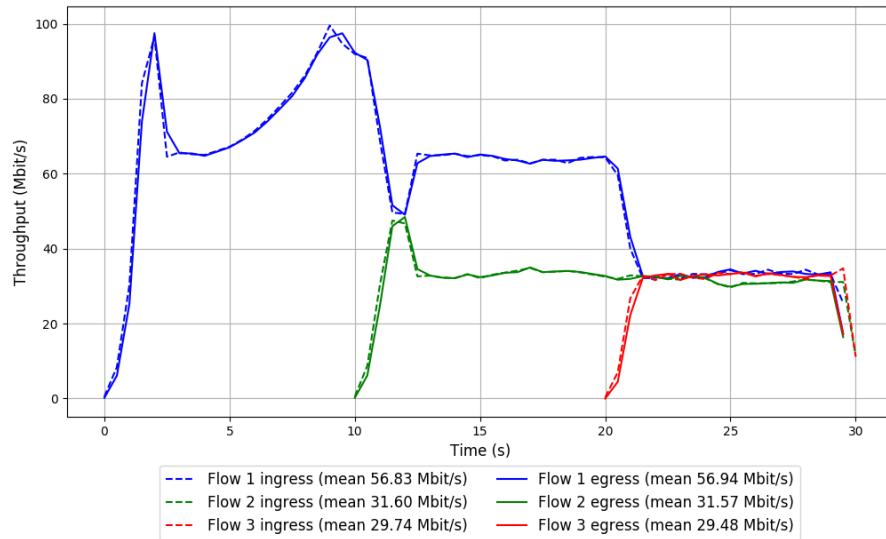


Run 10: Statistics of PCC

```
Start at: 2018-03-21 03:43:25
End at: 2018-03-21 03:43:55
Local clock offset: -5.507 ms
Remote clock offset: 0.252 ms

# Below is generated by plot.py at 2018-03-21 07:54:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.45 Mbit/s
95th percentile per-packet one-way delay: 114.300 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 56.94 Mbit/s
95th percentile per-packet one-way delay: 111.723 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 114.986 ms
Loss rate: 2.58%
-- Flow 3:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 115.270 ms
Loss rate: 5.98%
```

Run 10: Report of PCC — Data Link

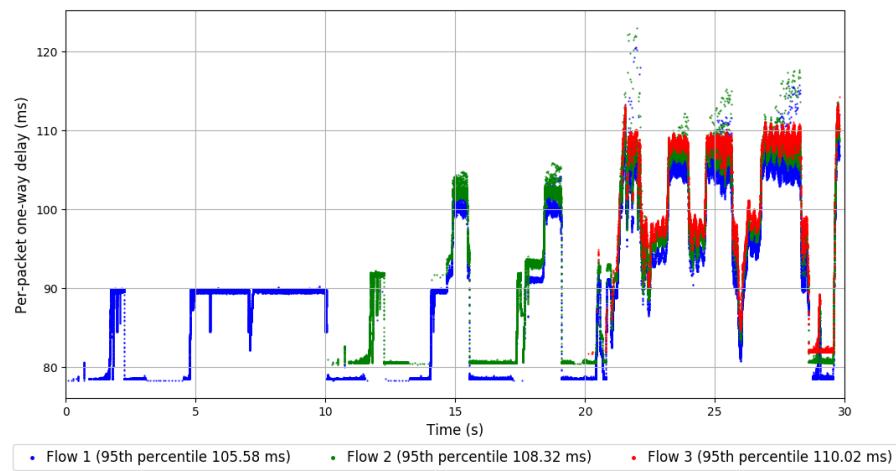
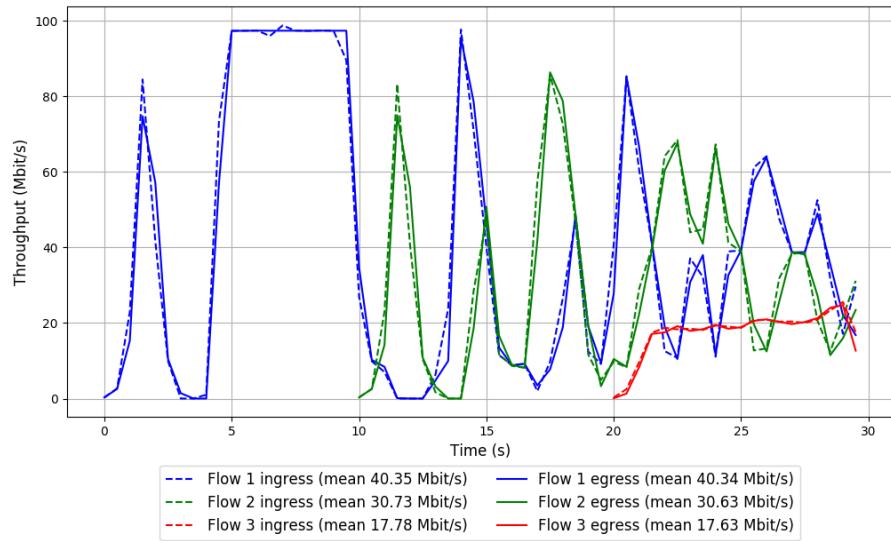


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-03-20 23:55:56
End at: 2018-03-20 23:56:26
Local clock offset: -13.167 ms
Remote clock offset: 8.482 ms

# Below is generated by plot.py at 2018-03-21 07:54:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 108.121 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 105.585 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 108.317 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 110.016 ms
Loss rate: 2.63%
```

Run 1: Report of QUIC Cubic — Data Link

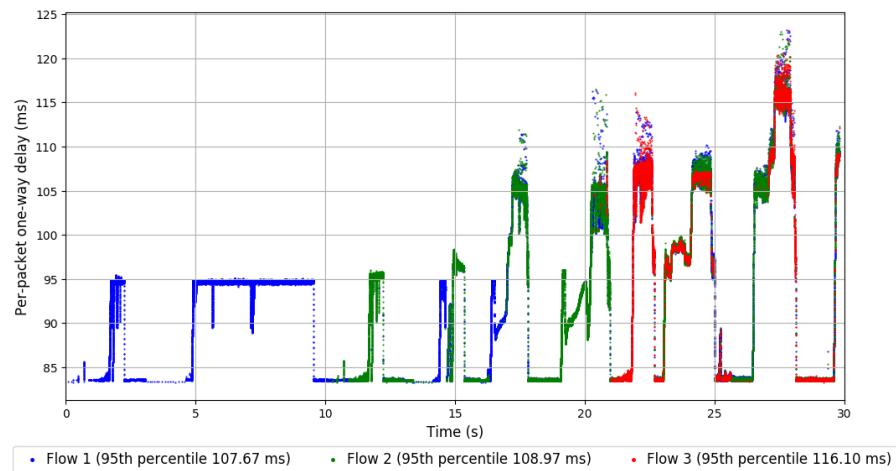
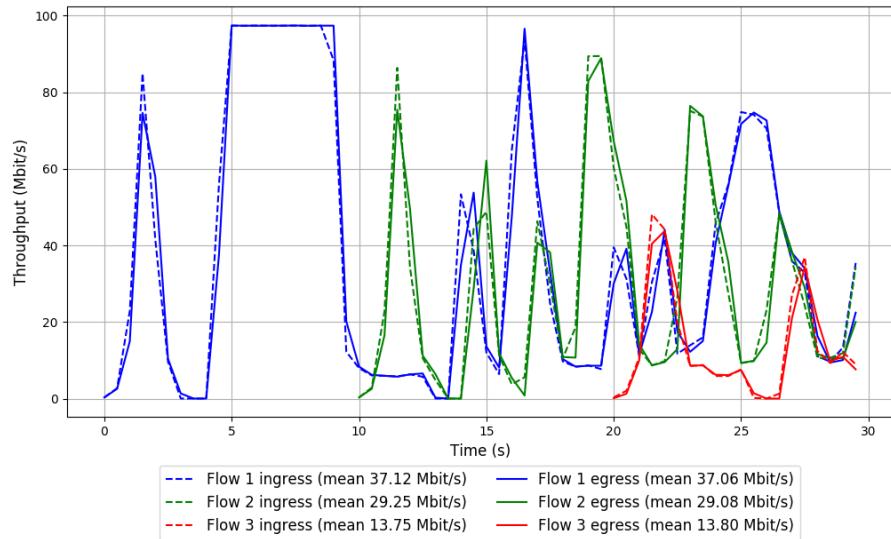


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-03-21 00:19:57
End at: 2018-03-21 00:20:27
Local clock offset: -14.18 ms
Remote clock offset: 2.718 ms

# Below is generated by plot.py at 2018-03-21 07:54:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.83 Mbit/s
95th percentile per-packet one-way delay: 108.837 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 107.668 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 29.08 Mbit/s
95th percentile per-packet one-way delay: 108.975 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 13.80 Mbit/s
95th percentile per-packet one-way delay: 116.099 ms
Loss rate: 1.36%
```

Run 2: Report of QUIC Cubic — Data Link

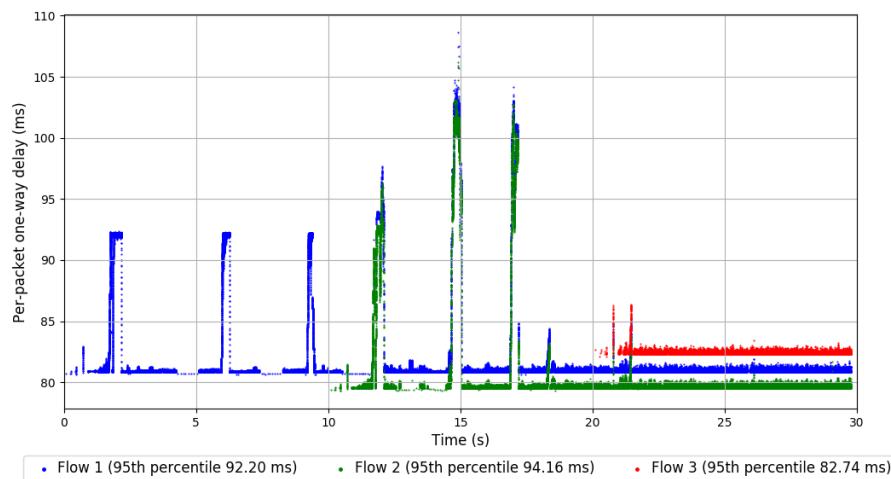
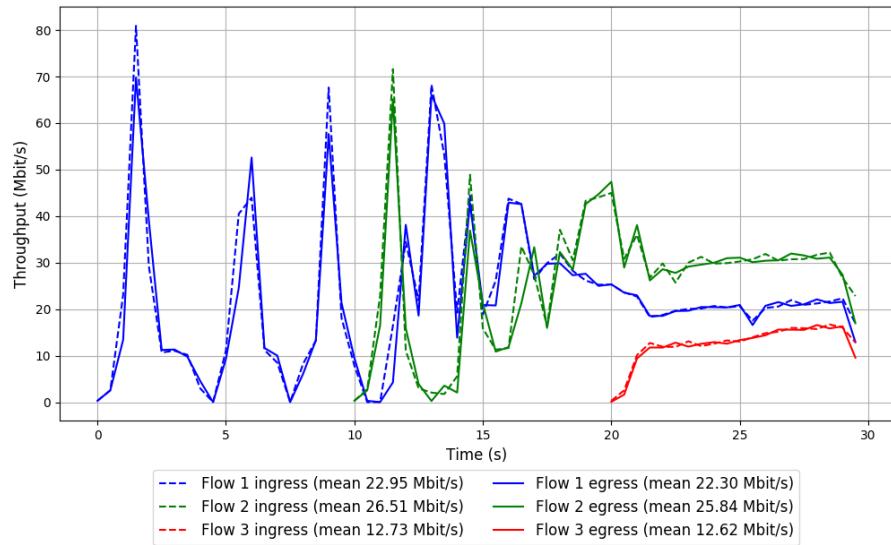


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-03-21 00:43:51
End at: 2018-03-21 00:44:21
Local clock offset: -14.154 ms
Remote clock offset: 5.964 ms

# Below is generated by plot.py at 2018-03-21 07:54:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.53 Mbit/s
95th percentile per-packet one-way delay: 92.347 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 22.30 Mbit/s
95th percentile per-packet one-way delay: 92.203 ms
Loss rate: 3.46%
-- Flow 2:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 94.162 ms
Loss rate: 3.41%
-- Flow 3:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 82.739 ms
Loss rate: 2.64%
```

Run 3: Report of QUIC Cubic — Data Link

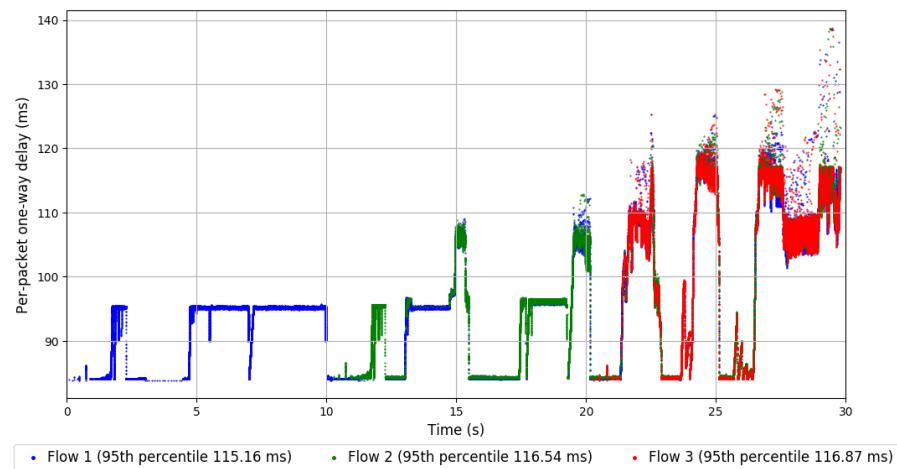
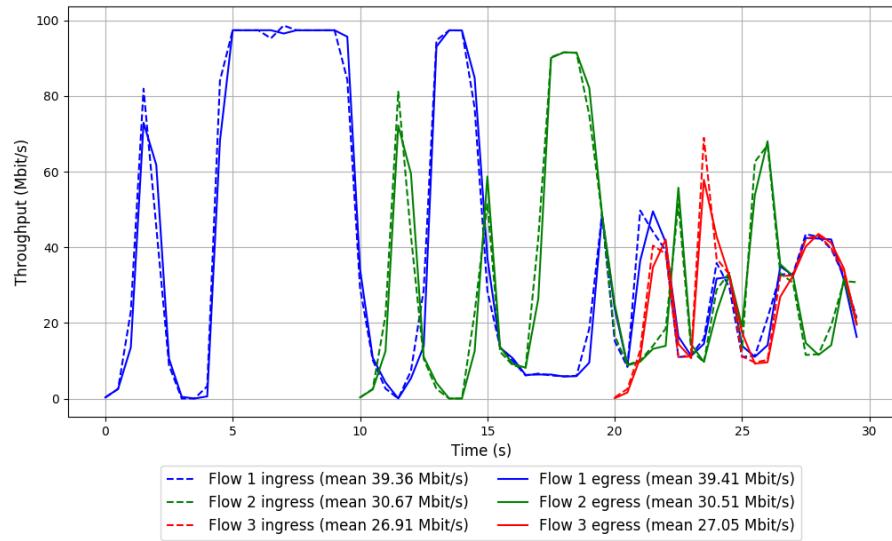


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-03-21 01:07:51
End at: 2018-03-21 01:08:21
Local clock offset: -14.226 ms
Remote clock offset: 2.09 ms

# Below is generated by plot.py at 2018-03-21 07:55:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.40 Mbit/s
95th percentile per-packet one-way delay: 116.363 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 115.158 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 116.542 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 116.866 ms
Loss rate: 1.56%
```

Run 4: Report of QUIC Cubic — Data Link

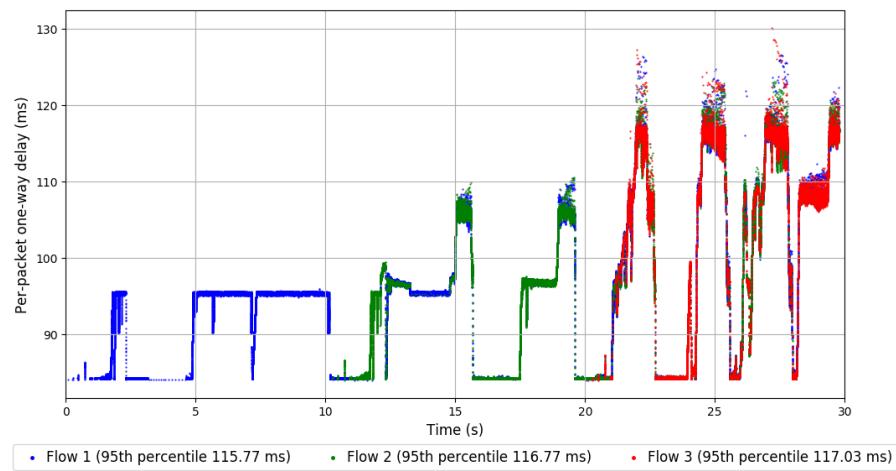
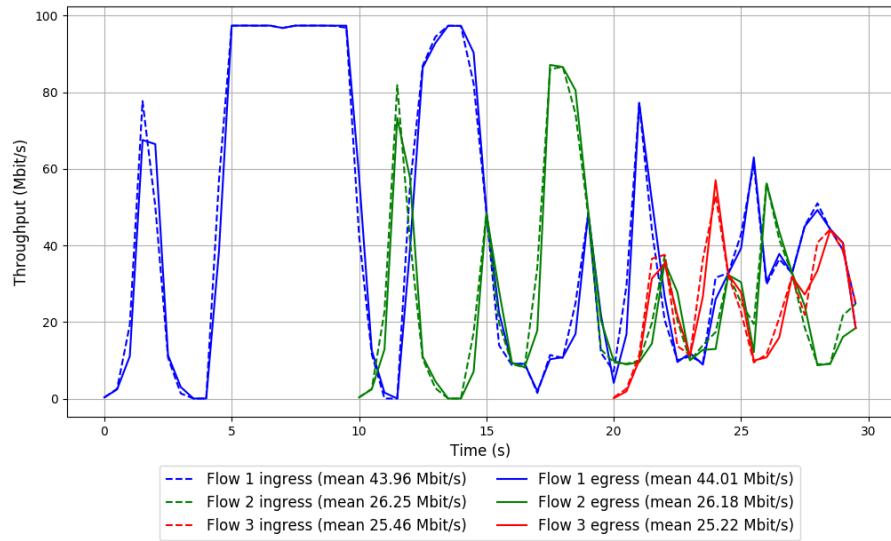


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-03-21 01:31:45
End at: 2018-03-21 01:32:15
Local clock offset: -14.306 ms
Remote clock offset: 1.257 ms

# Below is generated by plot.py at 2018-03-21 07:55:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 116.599 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 115.765 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 26.18 Mbit/s
95th percentile per-packet one-way delay: 116.774 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 25.22 Mbit/s
95th percentile per-packet one-way delay: 117.035 ms
Loss rate: 2.80%
```

Run 5: Report of QUIC Cubic — Data Link

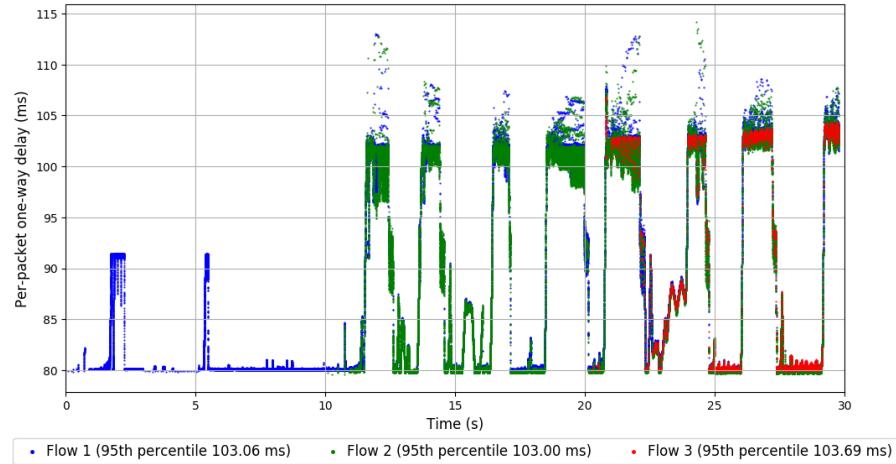
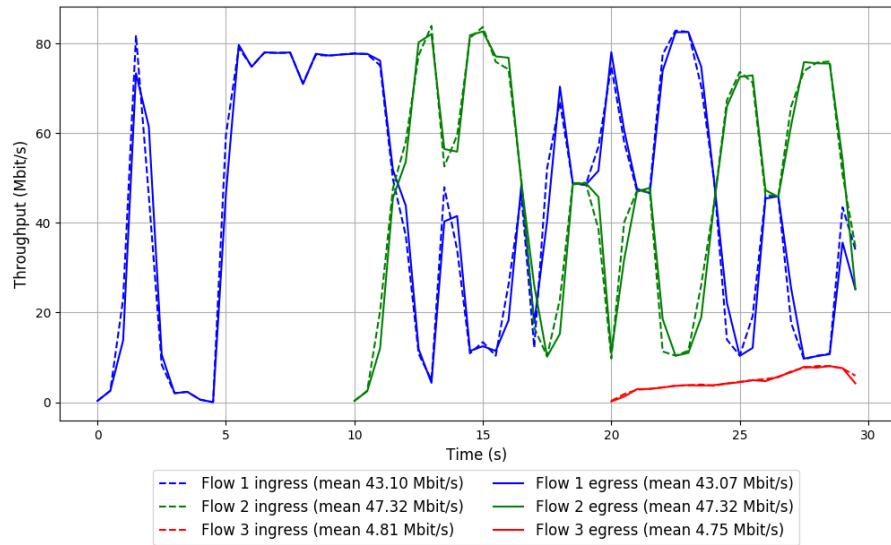


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-03-21 01:55:40
End at: 2018-03-21 01:56:10
Local clock offset: -4.834 ms
Remote clock offset: 4.227 ms

# Below is generated by plot.py at 2018-03-21 07:55:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 103.062 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 103.055 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 103.003 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 103.692 ms
Loss rate: 3.24%
```

Run 6: Report of QUIC Cubic — Data Link

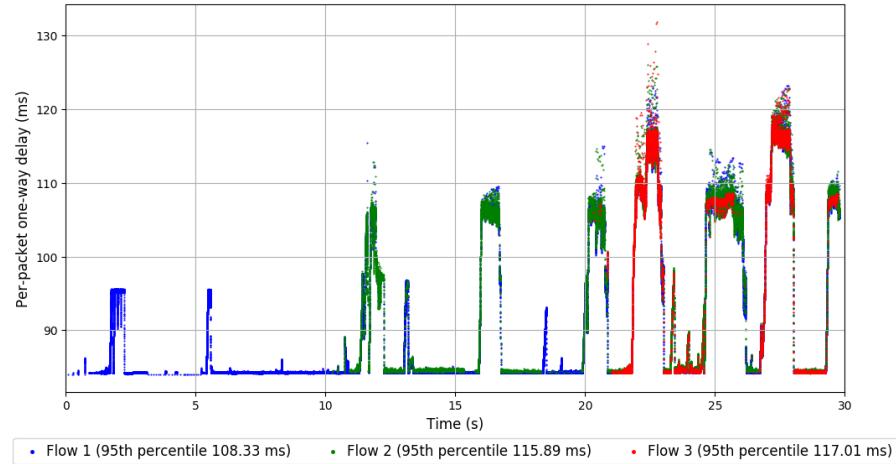
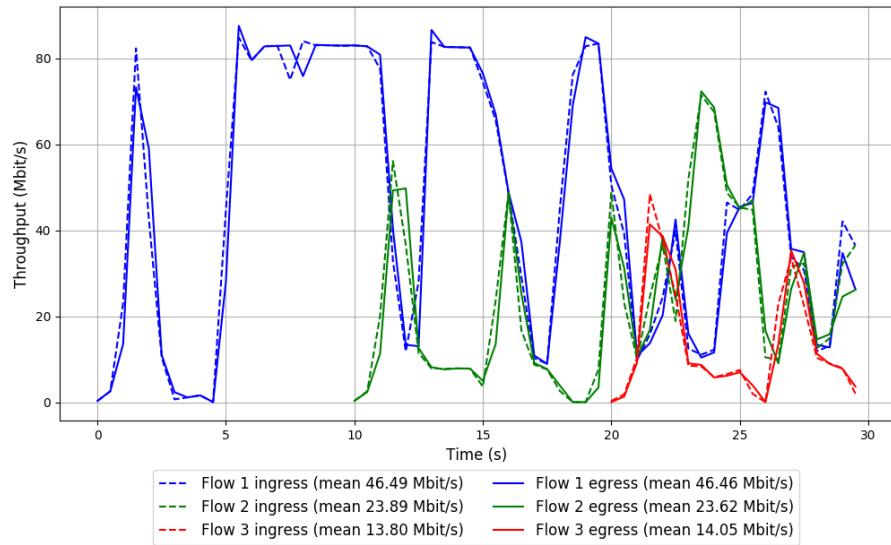


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-03-21 02:19:37
End at: 2018-03-21 02:20:07
Local clock offset: -3.737 ms
Remote clock offset: -0.507 ms

# Below is generated by plot.py at 2018-03-21 07:56:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 114.702 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 108.335 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 115.888 ms
Loss rate: 2.10%
-- Flow 3:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 117.011 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link

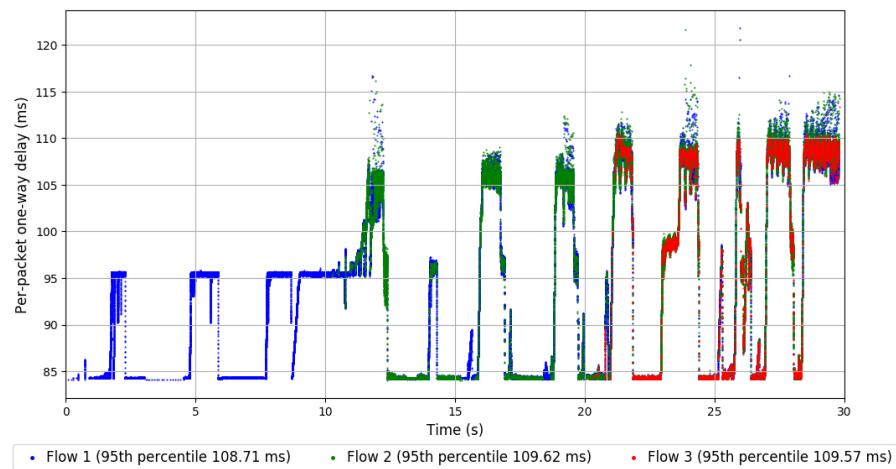
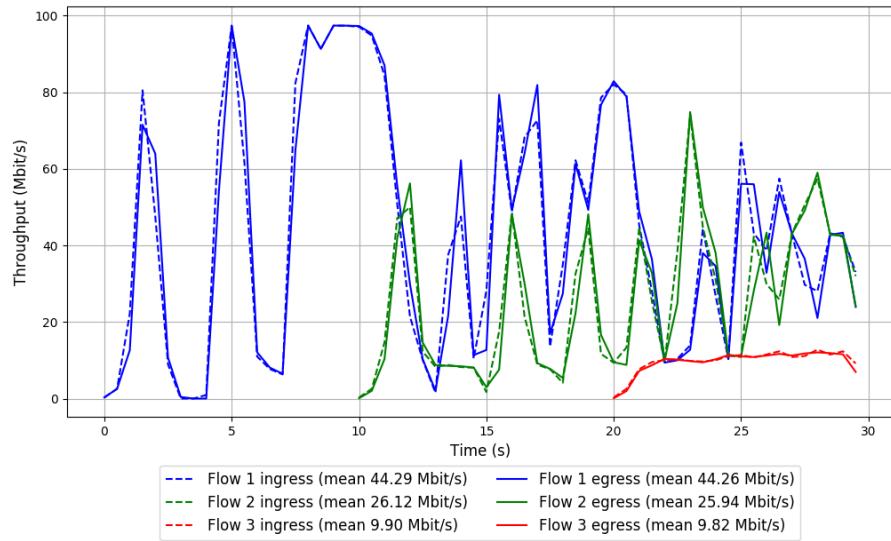


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-03-21 02:43:30
End at: 2018-03-21 02:44:00
Local clock offset: -3.974 ms
Remote clock offset: -1.421 ms

# Below is generated by plot.py at 2018-03-21 07:56:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.64 Mbit/s
95th percentile per-packet one-way delay: 109.209 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 108.708 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 109.623 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 109.567 ms
Loss rate: 2.62%
```

Run 8: Report of QUIC Cubic — Data Link

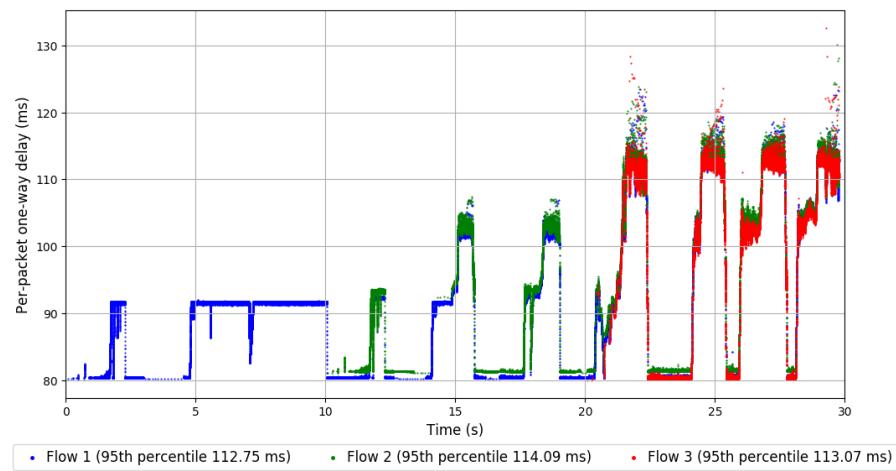
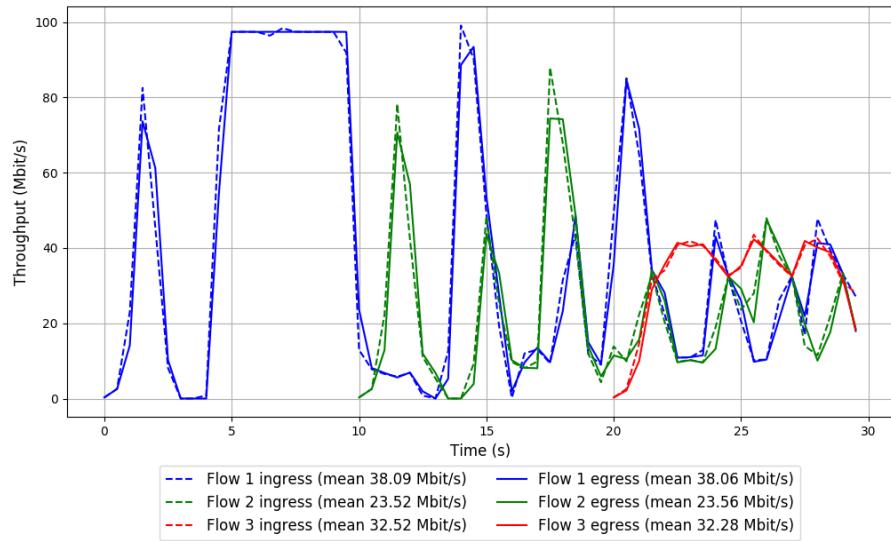


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-03-21 03:07:25
End at: 2018-03-21 03:07:55
Local clock offset: -5.54 ms
Remote clock offset: 1.612 ms

# Below is generated by plot.py at 2018-03-21 07:56:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 113.307 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 112.750 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 23.56 Mbit/s
95th percentile per-packet one-way delay: 114.087 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 113.067 ms
Loss rate: 2.53%
```

Run 9: Report of QUIC Cubic — Data Link

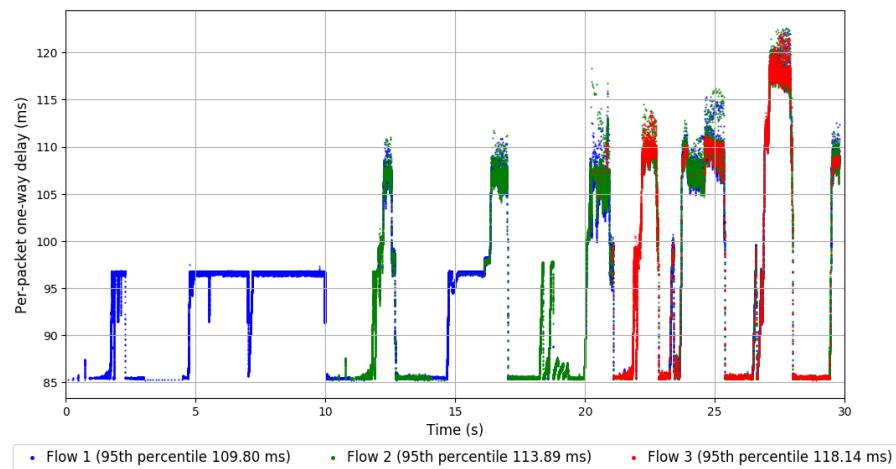
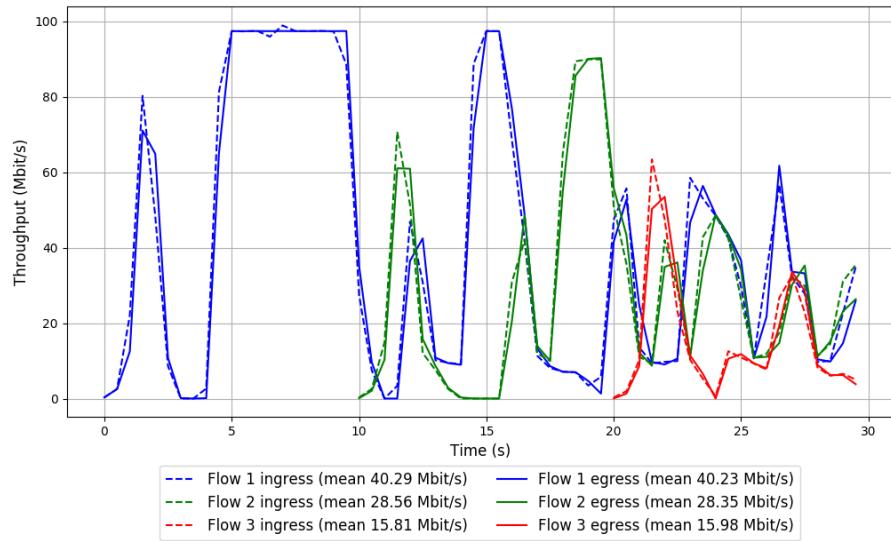


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-03-21 03:31:28
End at: 2018-03-21 03:31:58
Local clock offset: -5.66 ms
Remote clock offset: -3.085 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.20 Mbit/s
95th percentile per-packet one-way delay: 111.316 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 109.796 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 113.891 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 118.139 ms
Loss rate: 0.87%
```

Run 10: Report of QUIC Cubic — Data Link

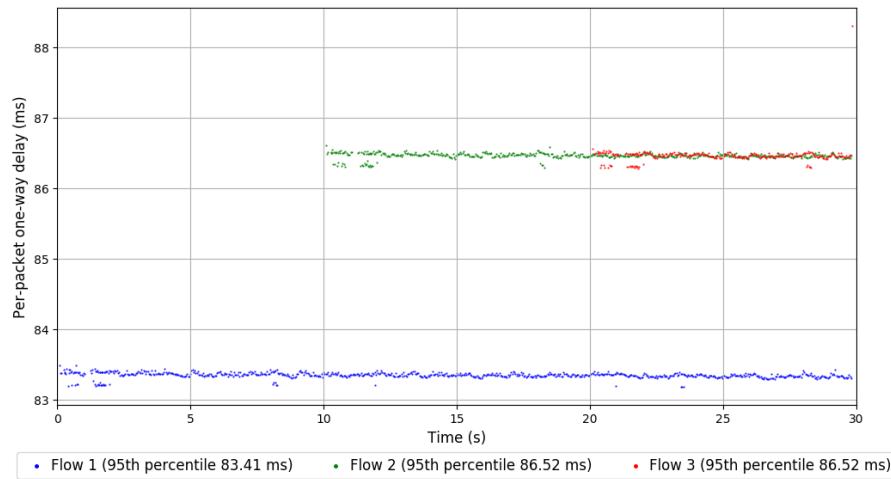
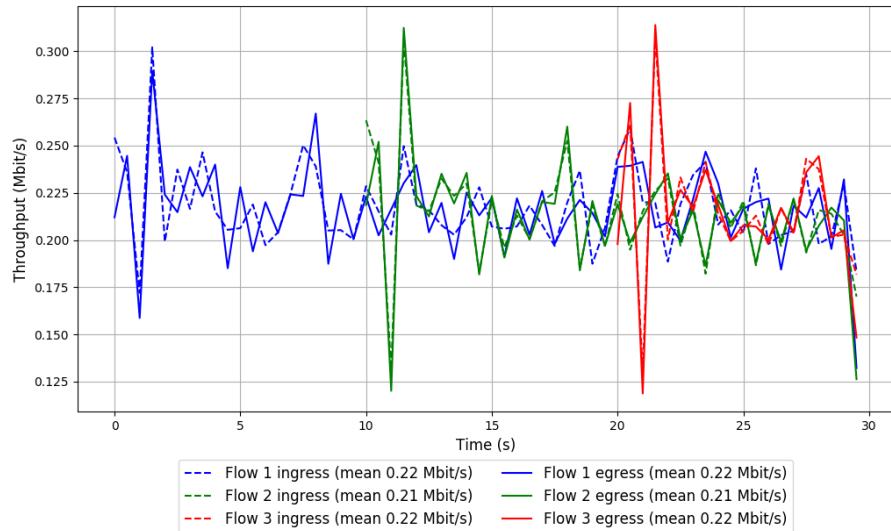


Run 1: Statistics of SCReAM

```
Start at: 2018-03-20 23:54:41
End at: 2018-03-20 23:55:11
Local clock offset: -13.18 ms
Remote clock offset: 3.845 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.506 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.405 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.516 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.515 ms
Loss rate: 1.49%
```

Run 1: Report of SCReAM — Data Link

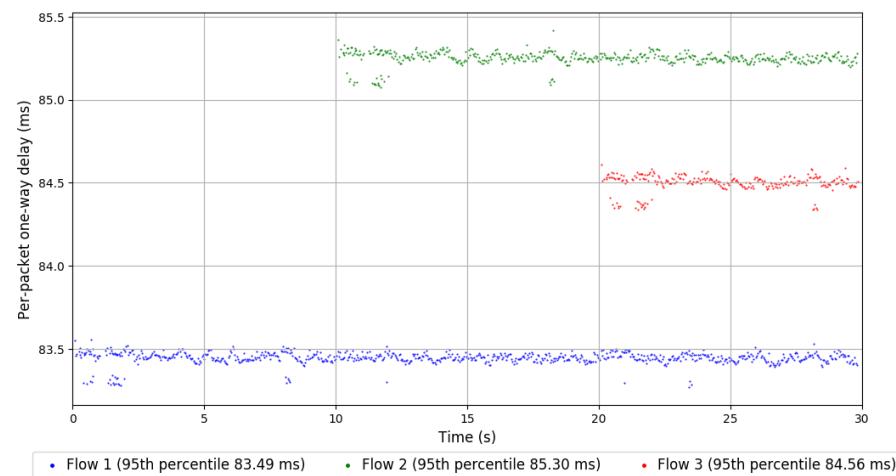
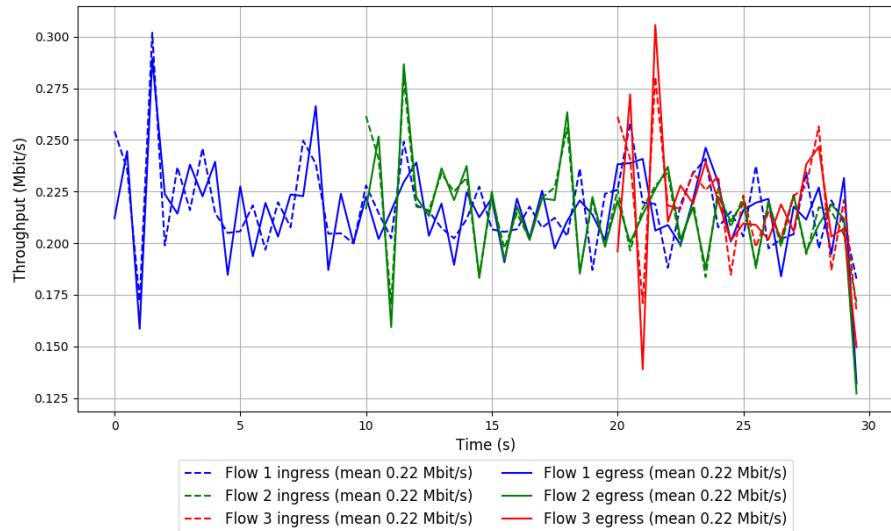


Run 2: Statistics of SCReAM

```
Start at: 2018-03-21 00:18:42
End at: 2018-03-21 00:19:12
Local clock offset: -14.077 ms
Remote clock offset: 2.789 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 85.283 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.493 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.302 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.559 ms
Loss rate: 1.49%
```

Run 2: Report of SCReAM — Data Link

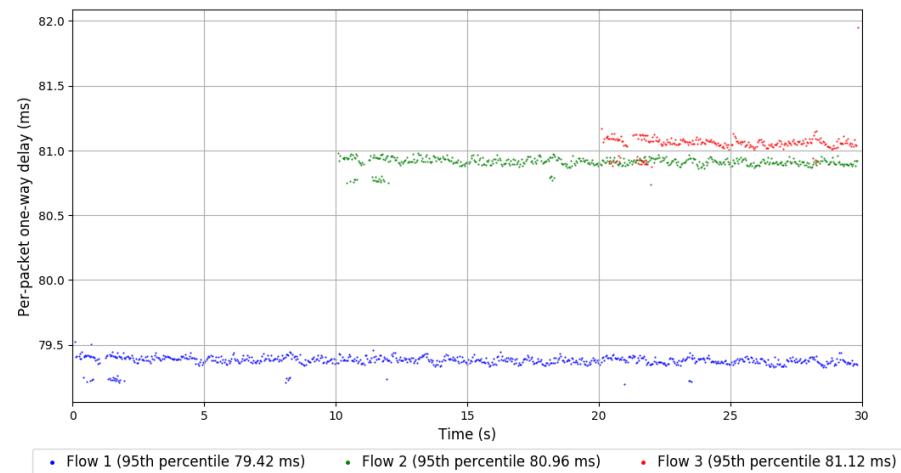
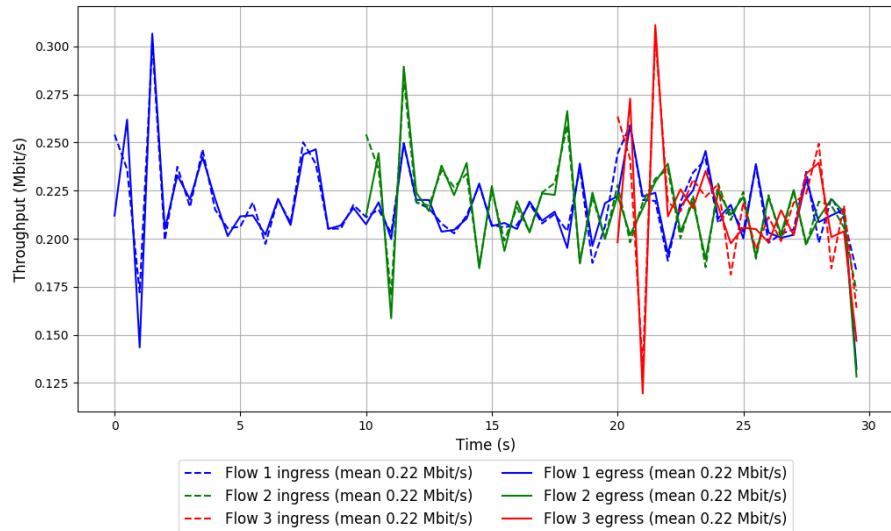


Run 3: Statistics of SCReAM

```
Start at: 2018-03-21 00:42:36
End at: 2018-03-21 00:43:06
Local clock offset: -14.152 ms
Remote clock offset: 5.954 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.074 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.421 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.960 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.120 ms
Loss rate: 1.49%
```

Run 3: Report of SCReAM — Data Link

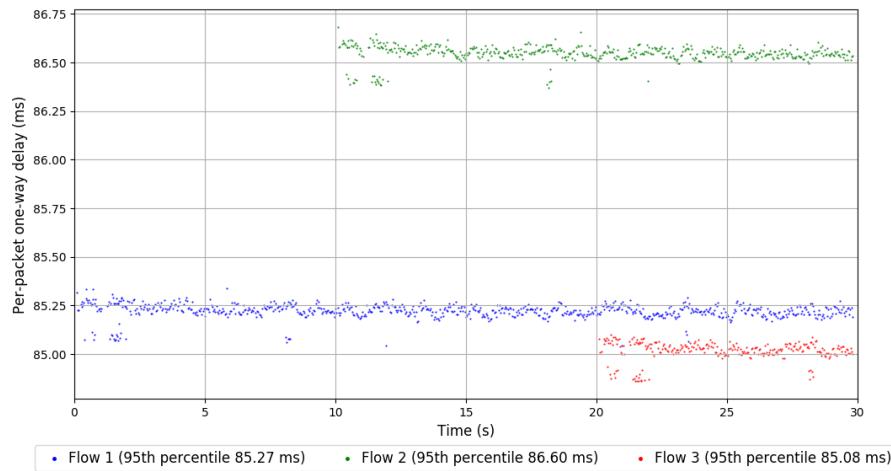
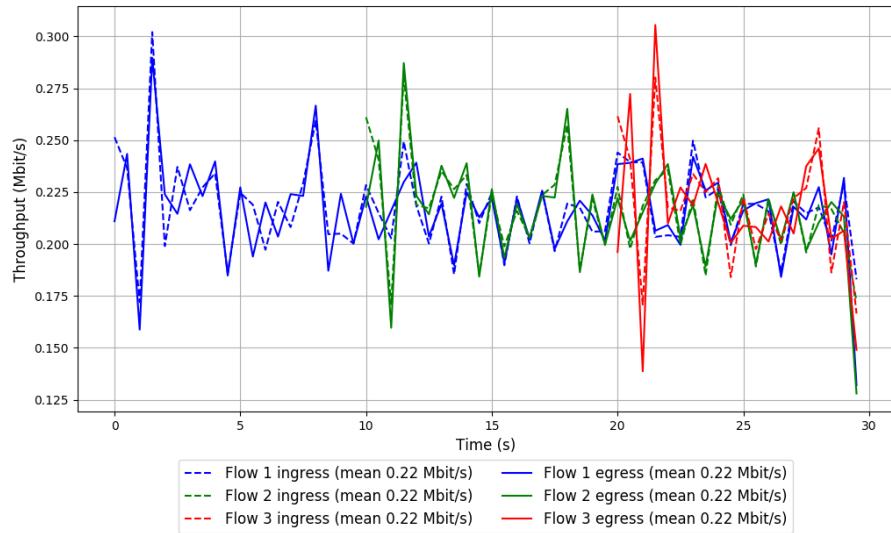


Run 4: Statistics of SCReAM

```
Start at: 2018-03-21 01:06:36
End at: 2018-03-21 01:07:06
Local clock offset: -14.222 ms
Remote clock offset: 1.148 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.581 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.271 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.596 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.076 ms
Loss rate: 1.49%
```

Run 4: Report of SCReAM — Data Link

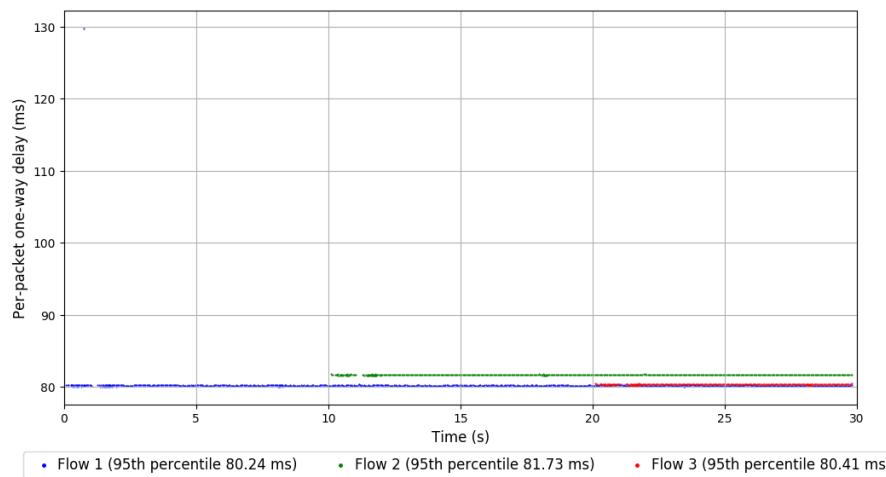
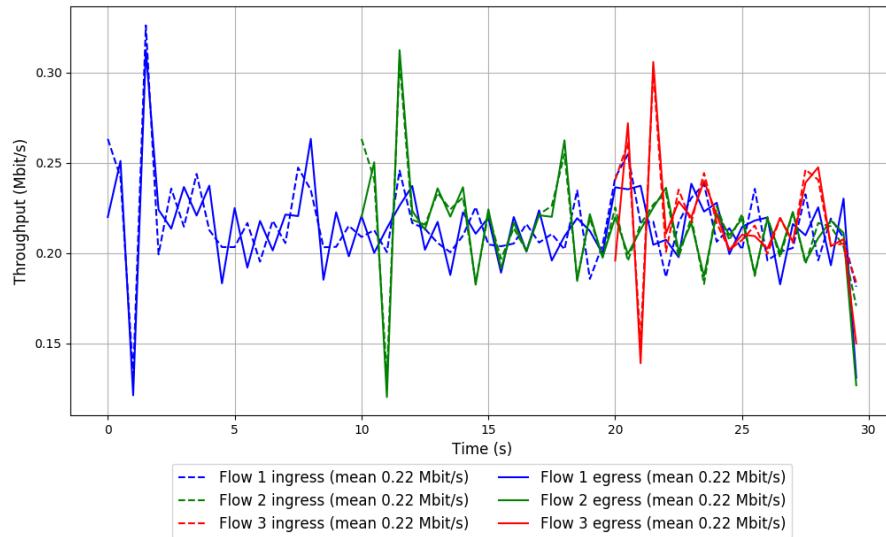


Run 5: Statistics of SCReAM

```
Start at: 2018-03-21 01:30:31
End at: 2018-03-21 01:31:01
Local clock offset: -14.269 ms
Remote clock offset: 5.165 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.709 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.241 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.727 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.405 ms
Loss rate: 1.49%
```

Run 5: Report of SCReAM — Data Link

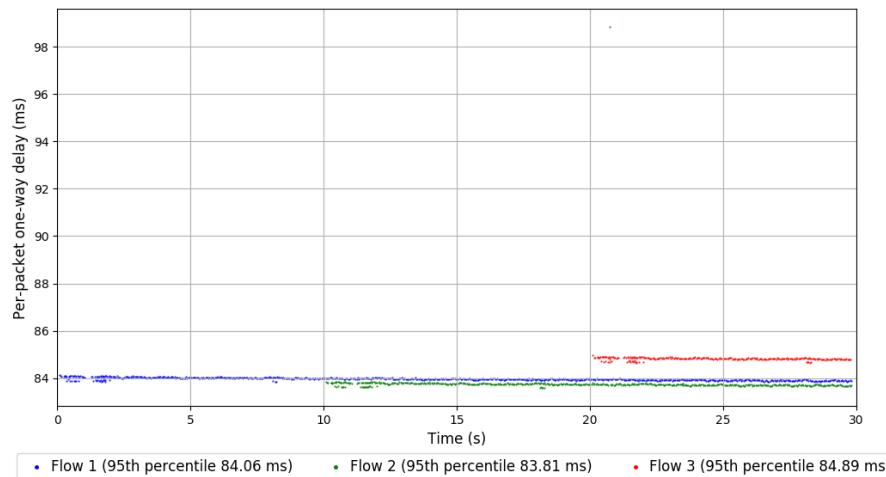
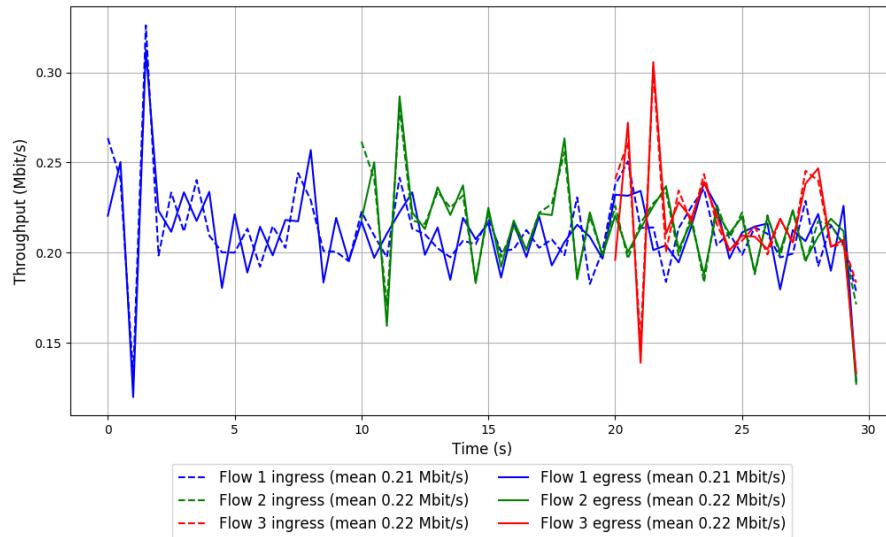


Run 6: Statistics of SCReAM

```
Start at: 2018-03-21 01:54:26
End at: 2018-03-21 01:54:56
Local clock offset: -5.174 ms
Remote clock offset: 0.496 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 84.847 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 84.058 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.812 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.887 ms
Loss rate: 1.87%
```

Run 6: Report of SCReAM — Data Link

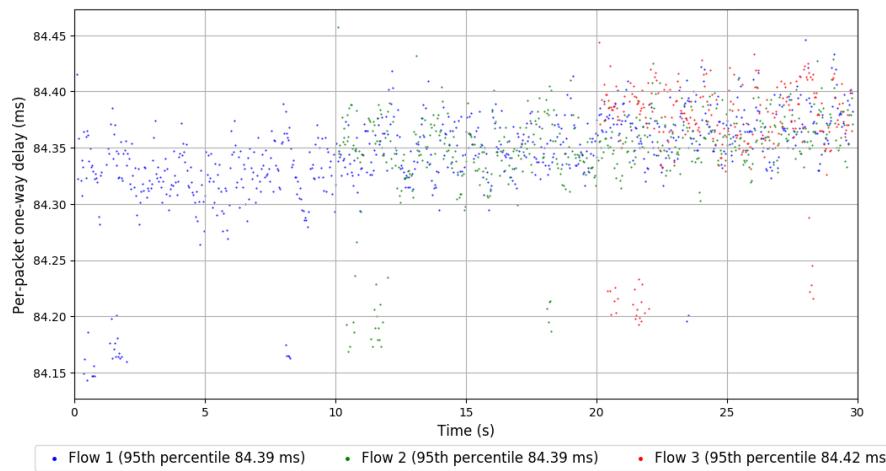
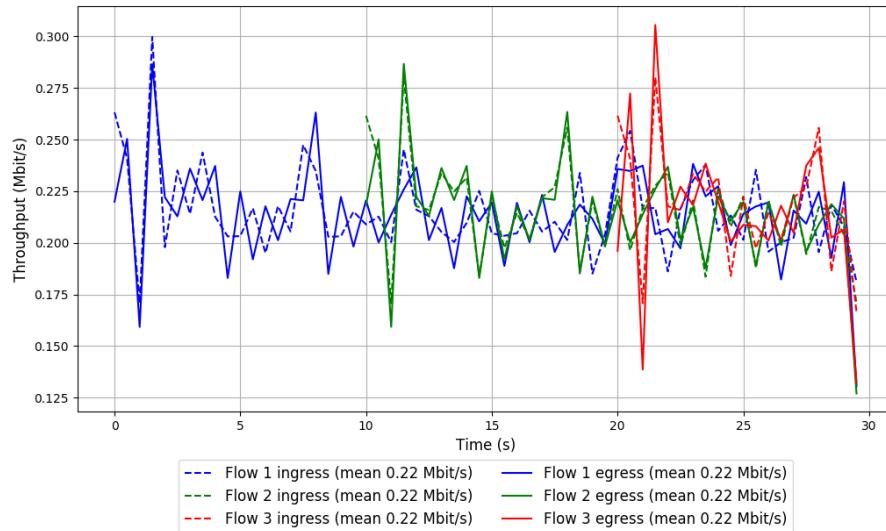


Run 7: Statistics of SCReAM

```
Start at: 2018-03-21 02:18:23
End at: 2018-03-21 02:18:53
Local clock offset: -3.559 ms
Remote clock offset: -0.436 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 84.404 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.394 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.394 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.417 ms
Loss rate: 1.87%
```

Run 7: Report of SCReAM — Data Link

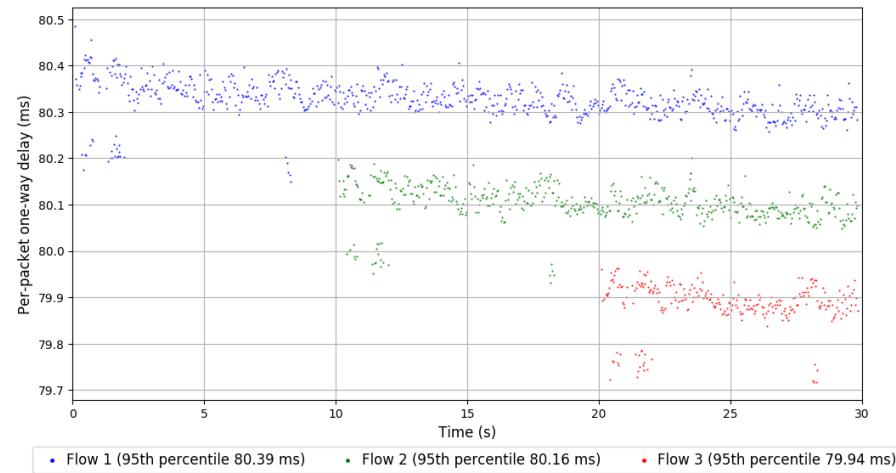
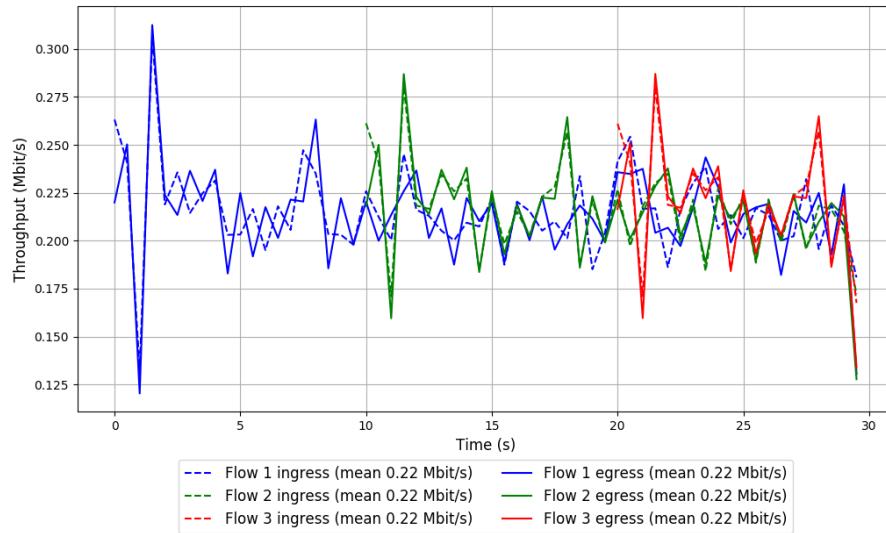


Run 8: Statistics of SCReAM

```
Start at: 2018-03-21 02:42:15
End at: 2018-03-21 02:42:45
Local clock offset: -4.066 ms
Remote clock offset: 2.532 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 80.371 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.385 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.160 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.943 ms
Loss rate: 1.49%
```

Run 8: Report of SCReAM — Data Link

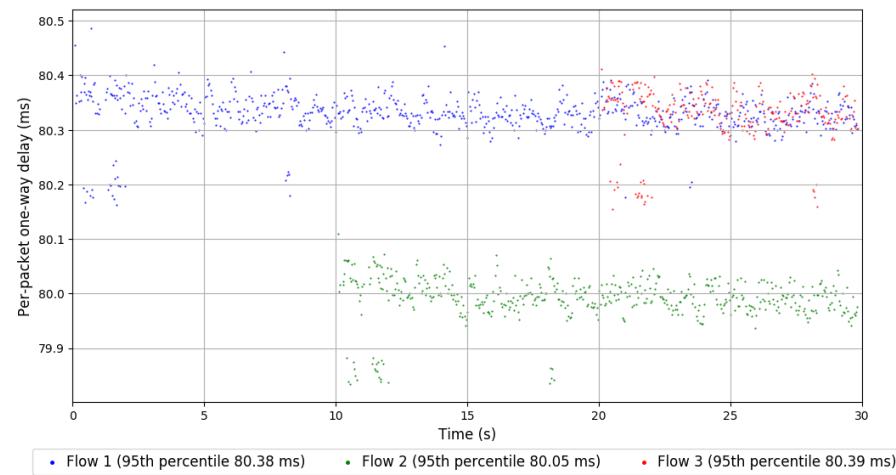
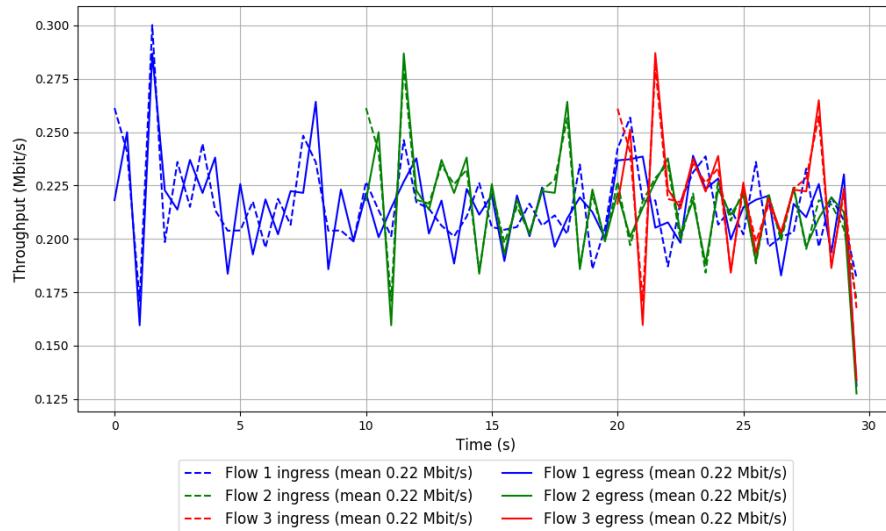


Run 9: Statistics of SCReAM

```
Start at: 2018-03-21 03:06:11
End at: 2018-03-21 03:06:41
Local clock offset: -5.617 ms
Remote clock offset: 1.621 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 80.377 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.380 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.046 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.386 ms
Loss rate: 1.49%
```

Run 9: Report of SCReAM — Data Link

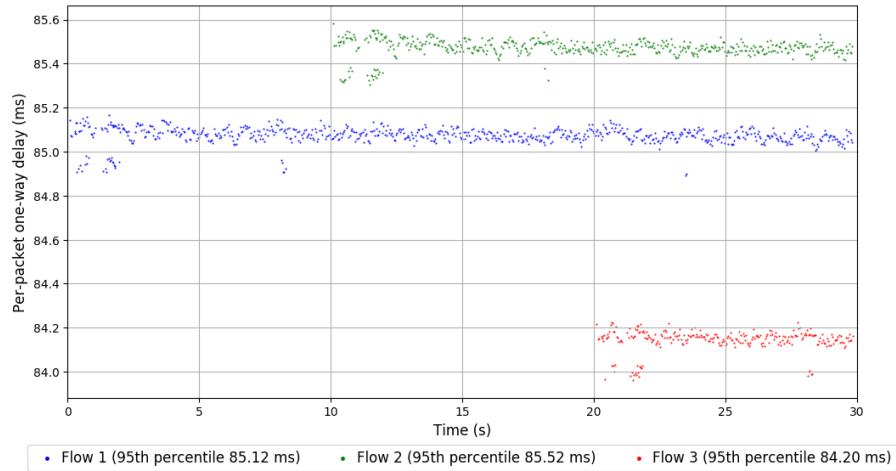
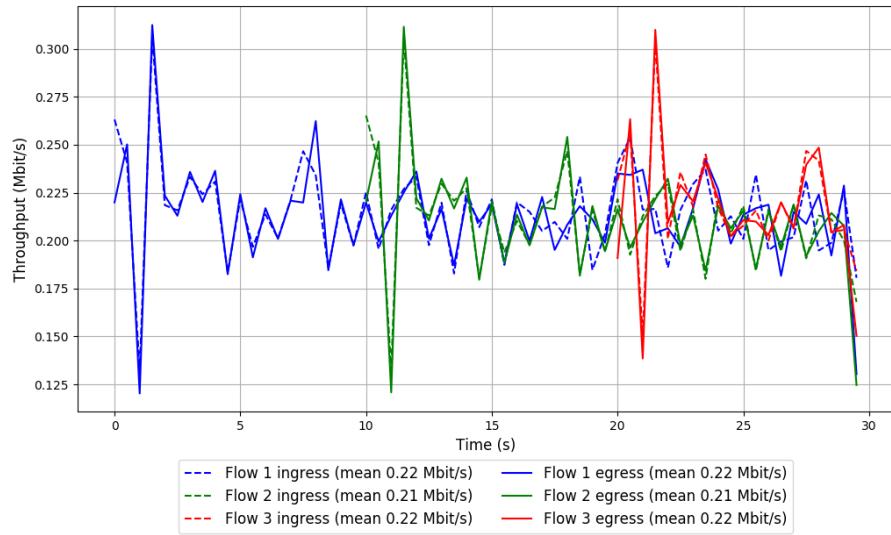


Run 10: Statistics of SCReAM

```
Start at: 2018-03-21 03:30:14
End at: 2018-03-21 03:30:44
Local clock offset: -5.652 ms
Remote clock offset: -3.061 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 85.506 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.123 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.523 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.199 ms
Loss rate: 1.50%
```

Run 10: Report of SCReAM — Data Link

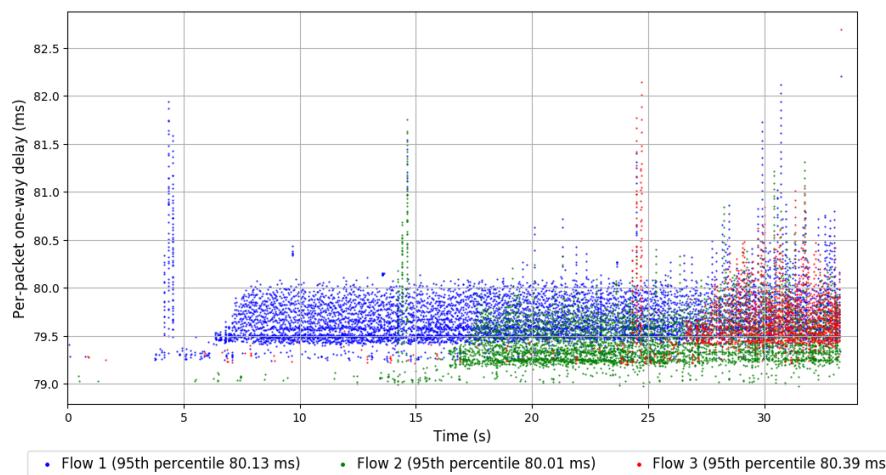
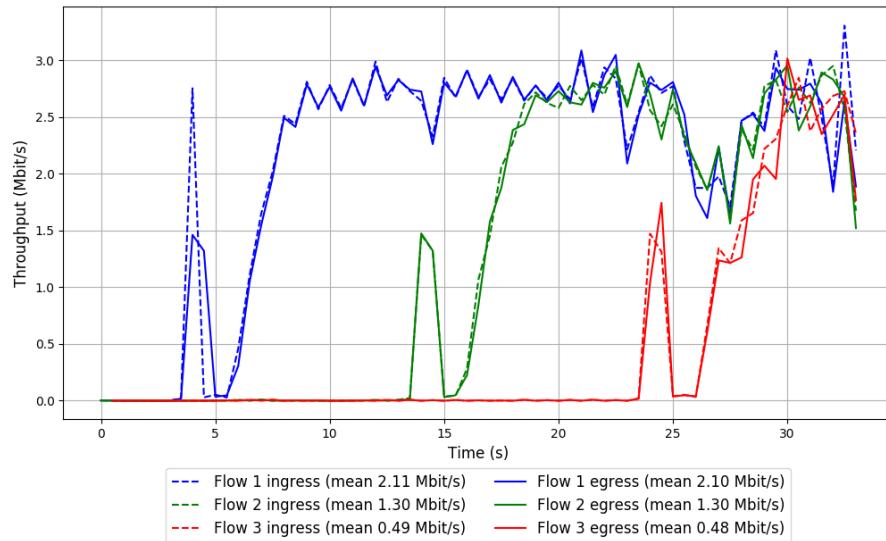


Run 1: Statistics of WebRTC media

```
Start at: 2018-03-21 00:06:48
End at: 2018-03-21 00:07:18
Local clock offset: -13.818 ms
Remote clock offset: 8.898 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 80.145 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 80.133 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 80.013 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 80.395 ms
Loss rate: 3.64%
```

Run 1: Report of WebRTC media — Data Link

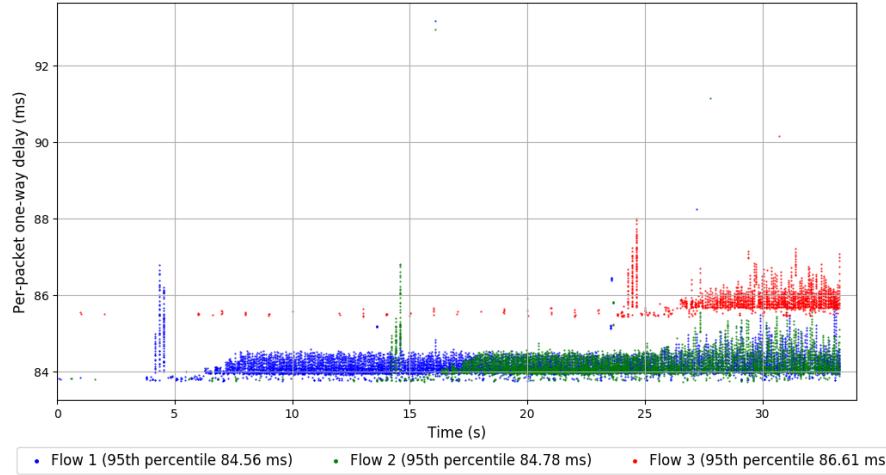
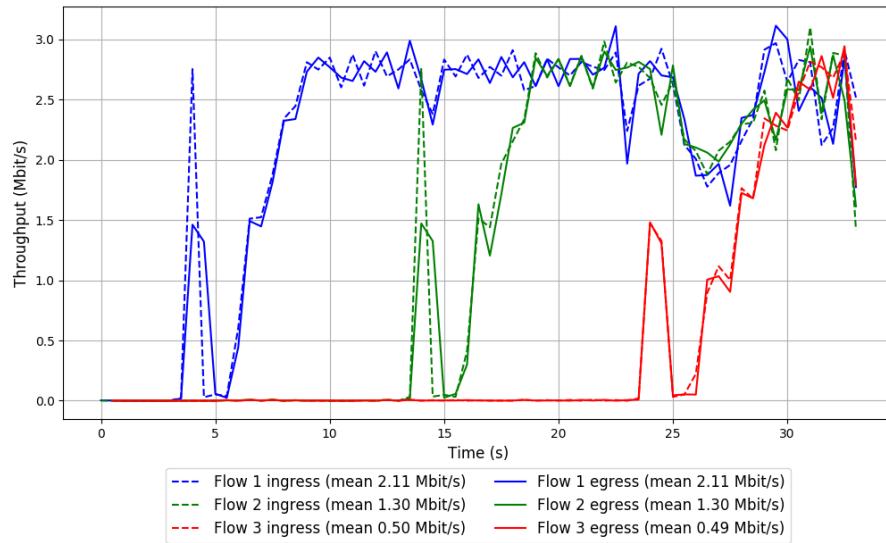


Run 2: Statistics of WebRTC media

```
Start at: 2018-03-21 00:30:39
End at: 2018-03-21 00:31:09
Local clock offset: -14.182 ms
Remote clock offset: 1.605 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 85.928 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 84.565 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 84.779 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 86.612 ms
Loss rate: 2.82%
```

Run 2: Report of WebRTC media — Data Link

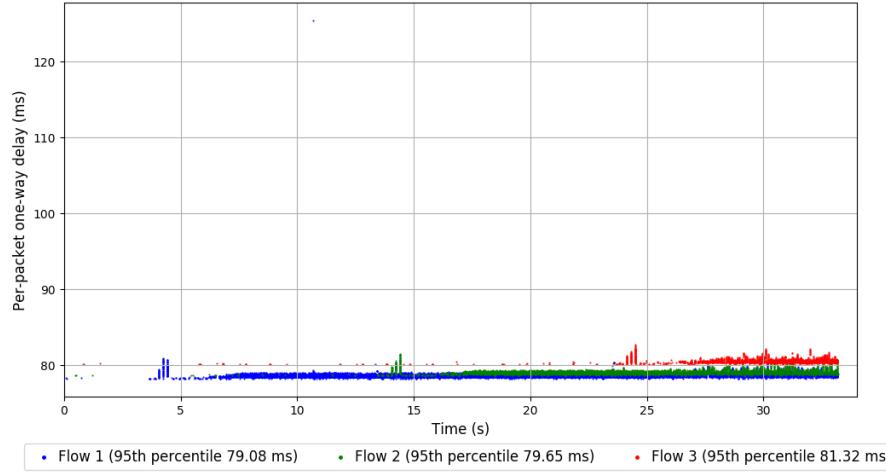
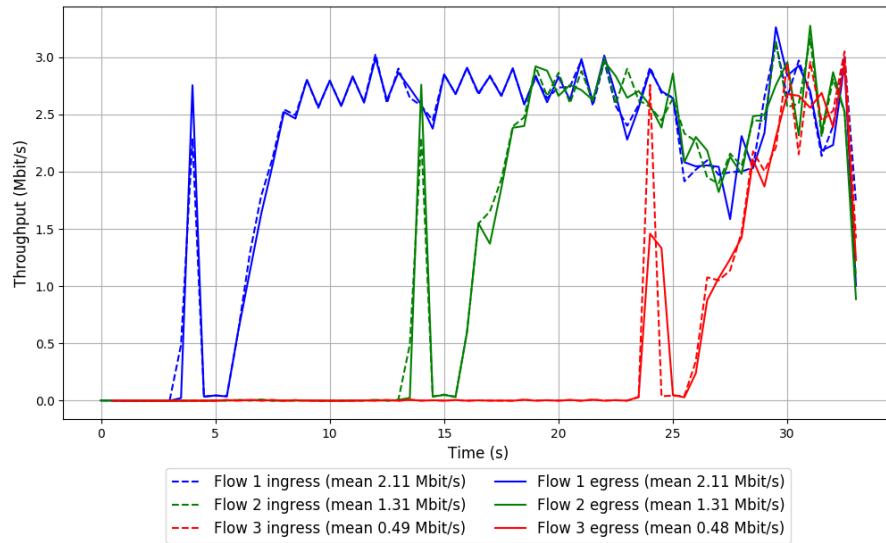


Run 3: Statistics of WebRTC media

```
Start at: 2018-03-21 00:54:40
End at: 2018-03-21 00:55:10
Local clock offset: -14.175 ms
Remote clock offset: 6.277 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 80.626 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 79.084 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 79.646 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 81.320 ms
Loss rate: 2.20%
```

Run 3: Report of WebRTC media — Data Link

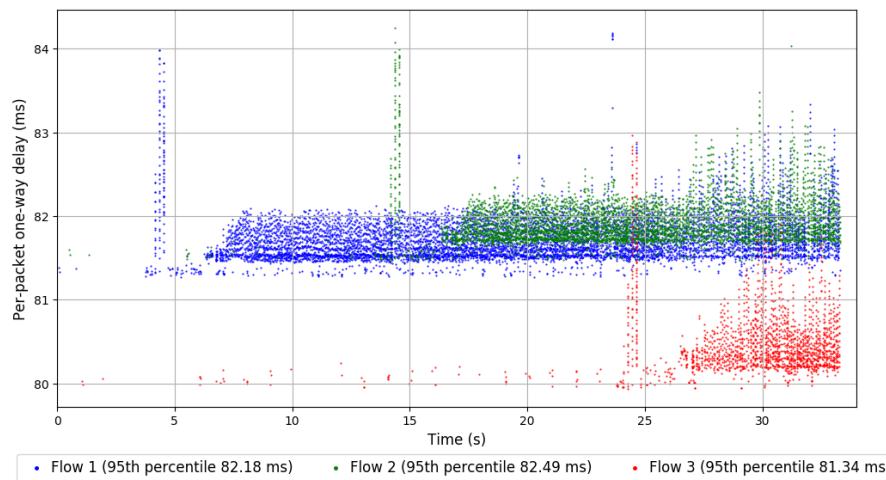
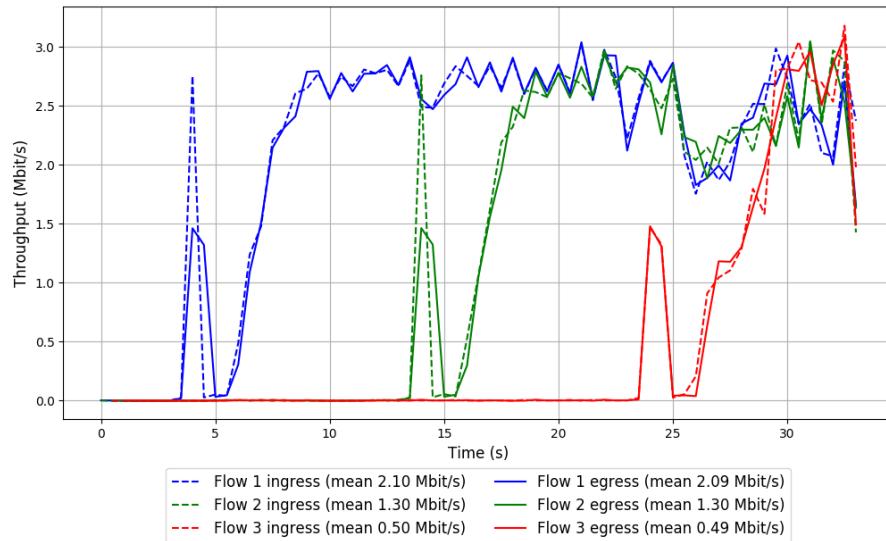


Run 4: Statistics of WebRTC media

```
Start at: 2018-03-21 01:18:34
End at: 2018-03-21 01:19:04
Local clock offset: -14.301 ms
Remote clock offset: 5.544 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 82.285 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 82.182 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 82.490 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 81.340 ms
Loss rate: 2.65%
```

Run 4: Report of WebRTC media — Data Link

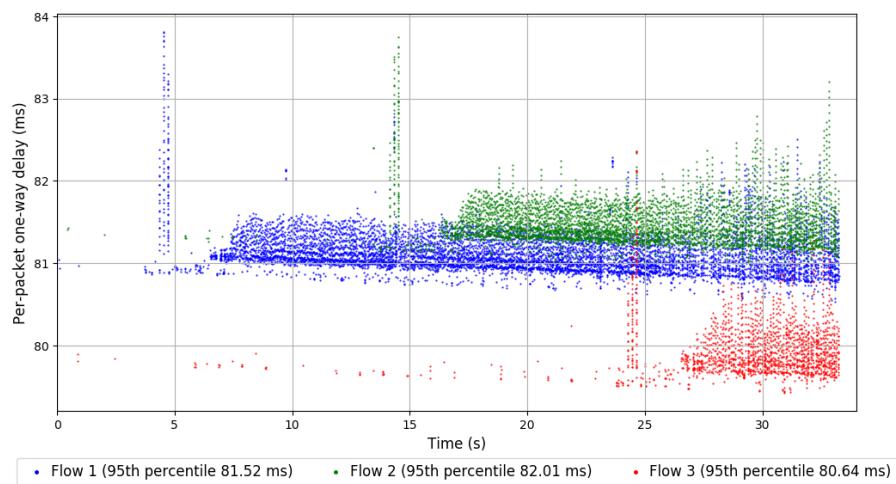
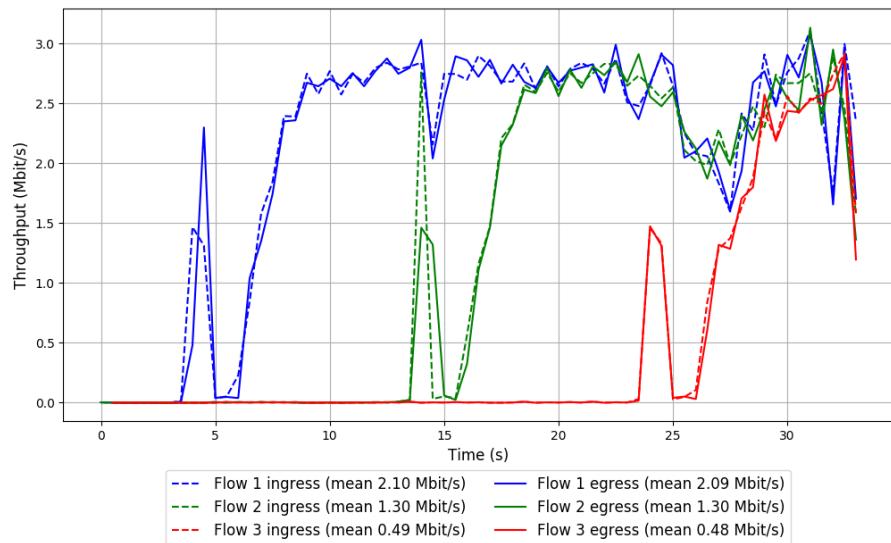


Run 5: Statistics of WebRTC media

```
Start at: 2018-03-21 01:42:28
End at: 2018-03-21 01:42:58
Local clock offset: -10.486 ms
Remote clock offset: 4.712 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 81.789 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 81.518 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 82.009 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 80.641 ms
Loss rate: 2.61%
```

Run 5: Report of WebRTC media — Data Link

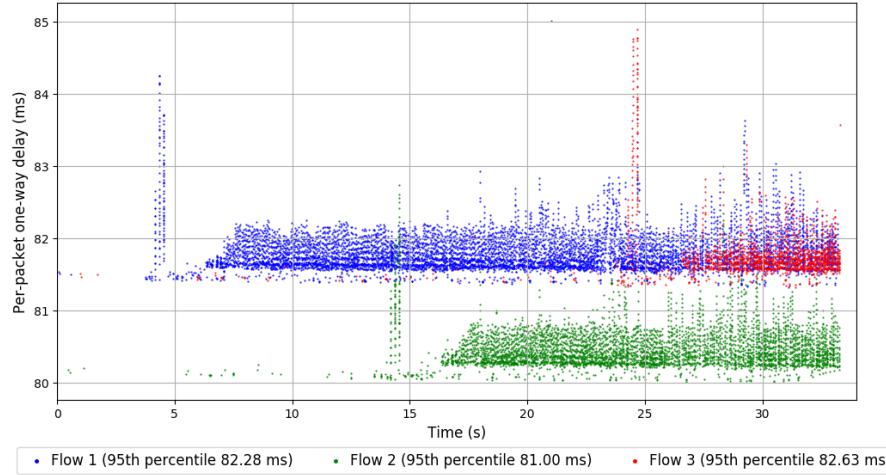
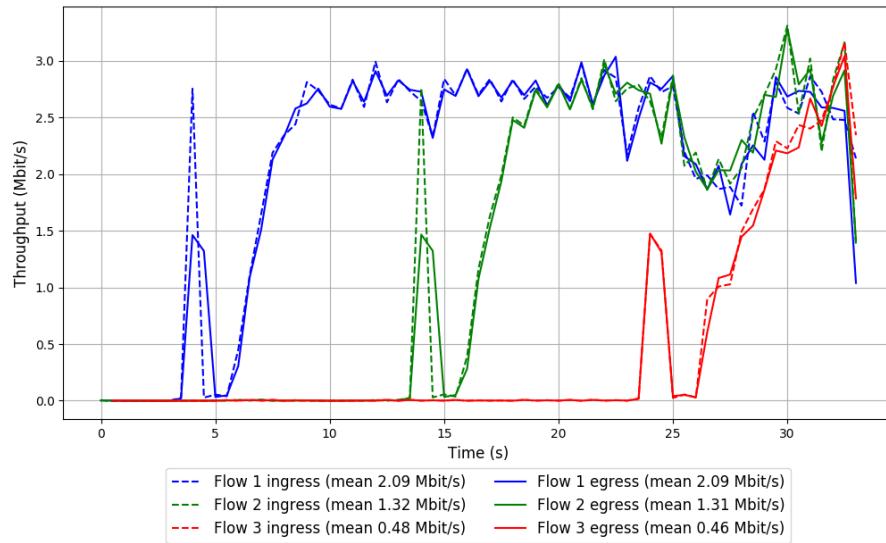


Run 6: Statistics of WebRTC media

```
Start at: 2018-03-21 02:06:26
End at: 2018-03-21 02:06:56
Local clock offset: -2.533 ms
Remote clock offset: 3.84 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 82.186 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 82.275 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 80.999 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 82.630 ms
Loss rate: 3.57%
```

Run 6: Report of WebRTC media — Data Link

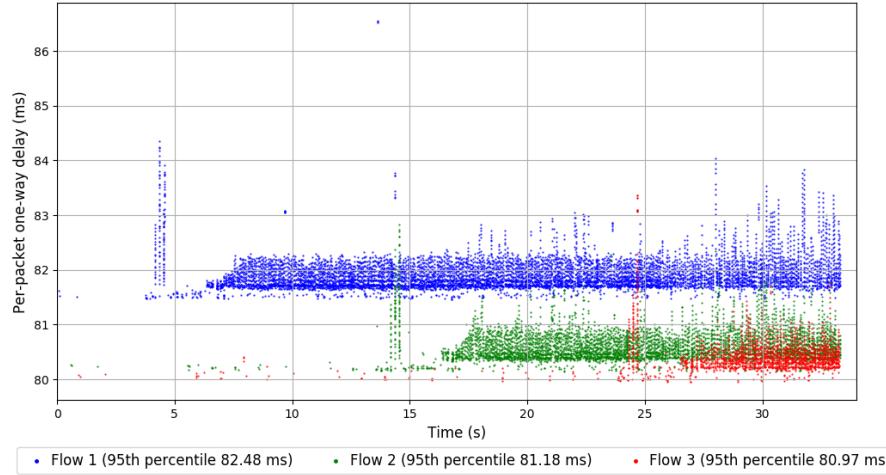
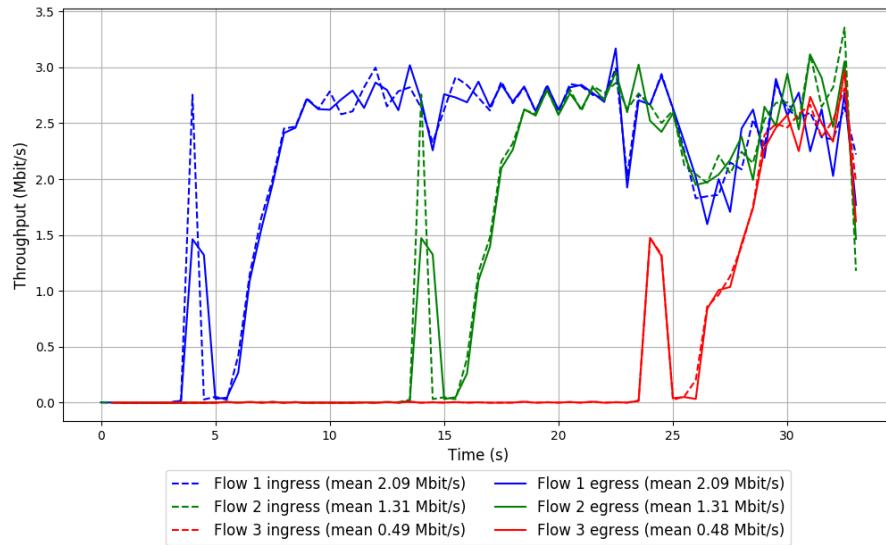


Run 7: Statistics of WebRTC media

```
Start at: 2018-03-21 02:30:20
End at: 2018-03-21 02:30:50
Local clock offset: -4.503 ms
Remote clock offset: 2.973 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 82.247 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 82.481 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 81.181 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 80.970 ms
Loss rate: 2.54%
```

Run 7: Report of WebRTC media — Data Link

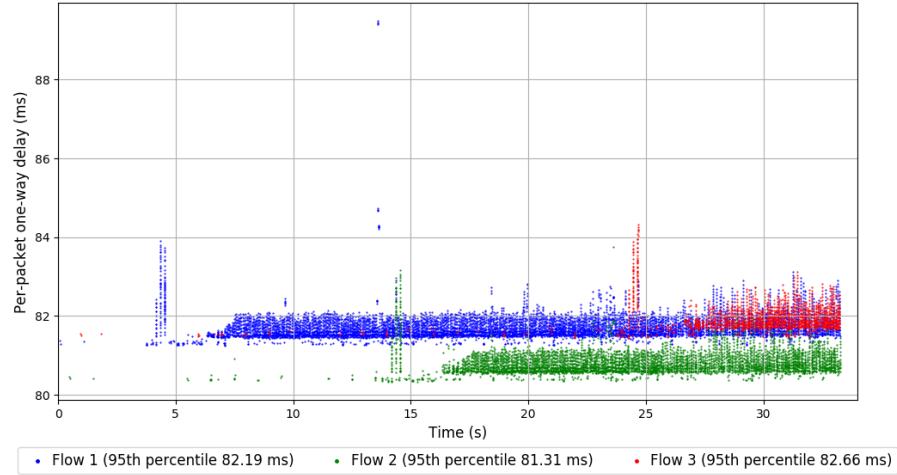
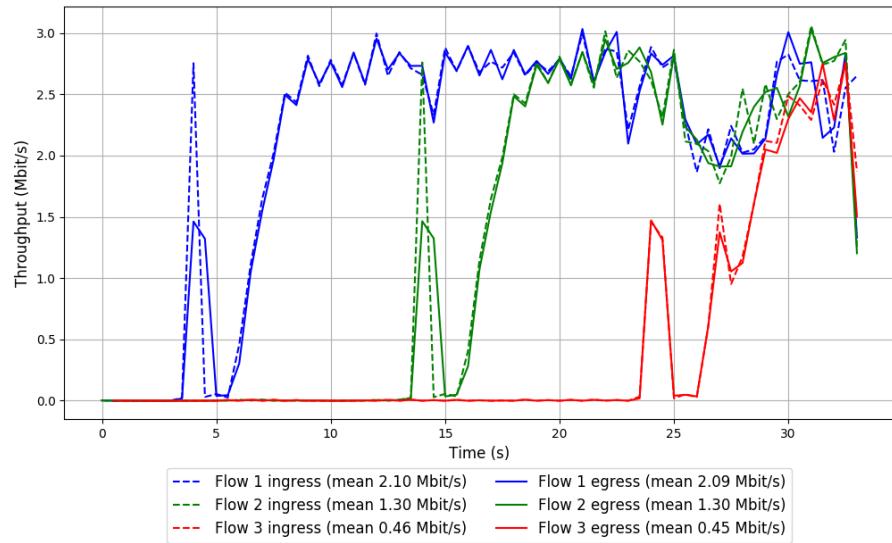


Run 8: Statistics of WebRTC media

```
Start at: 2018-03-21 02:54:11
End at: 2018-03-21 02:54:41
Local clock offset: -5.043 ms
Remote clock offset: 2.003 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 82.214 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 82.188 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 81.315 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 82.664 ms
Loss rate: 2.52%
```

Run 8: Report of WebRTC media — Data Link

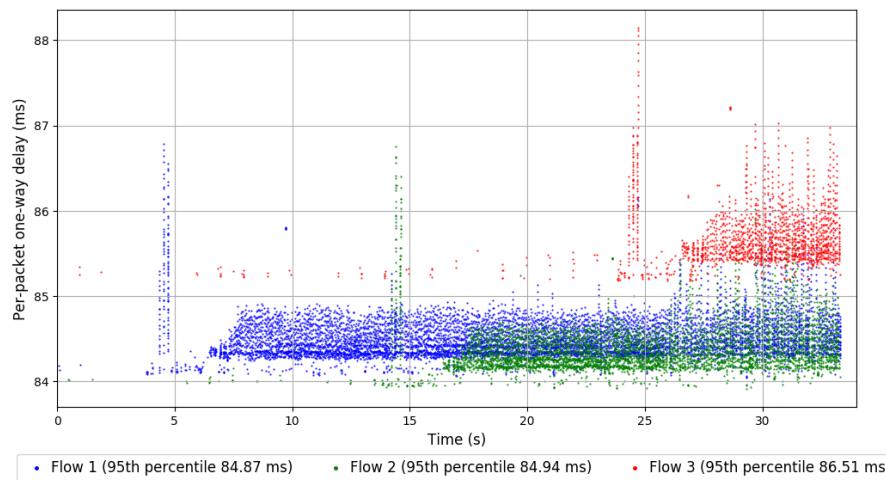
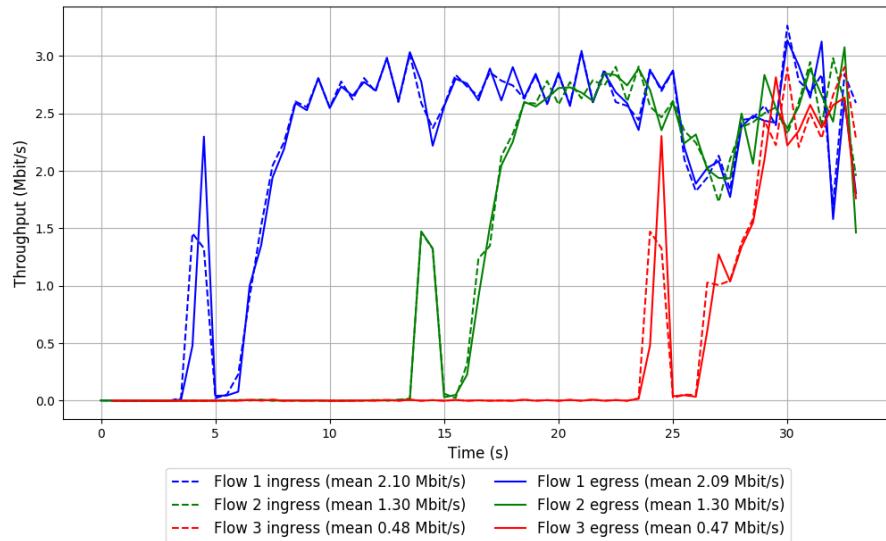


Run 9: Statistics of WebRTC media

```
Start at: 2018-03-21 03:18:16
End at: 2018-03-21 03:18:46
Local clock offset: -5.454 ms
Remote clock offset: -2.712 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 85.743 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 84.874 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 84.939 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 86.511 ms
Loss rate: 3.93%
```

Run 9: Report of WebRTC media — Data Link

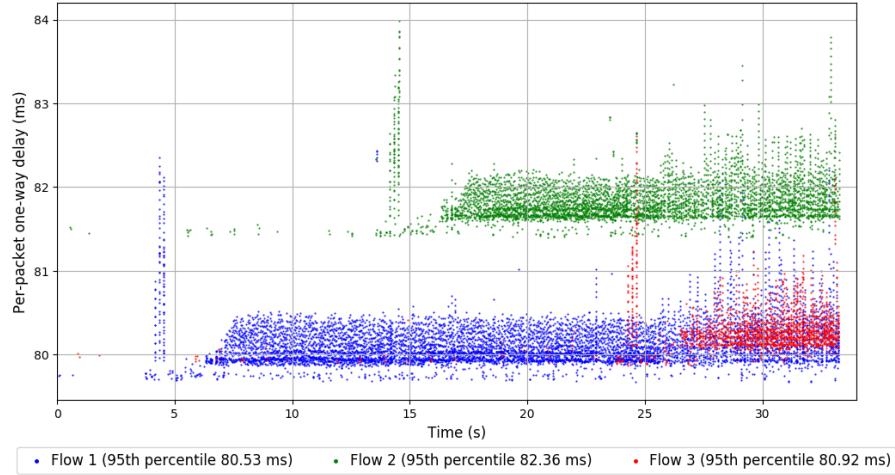
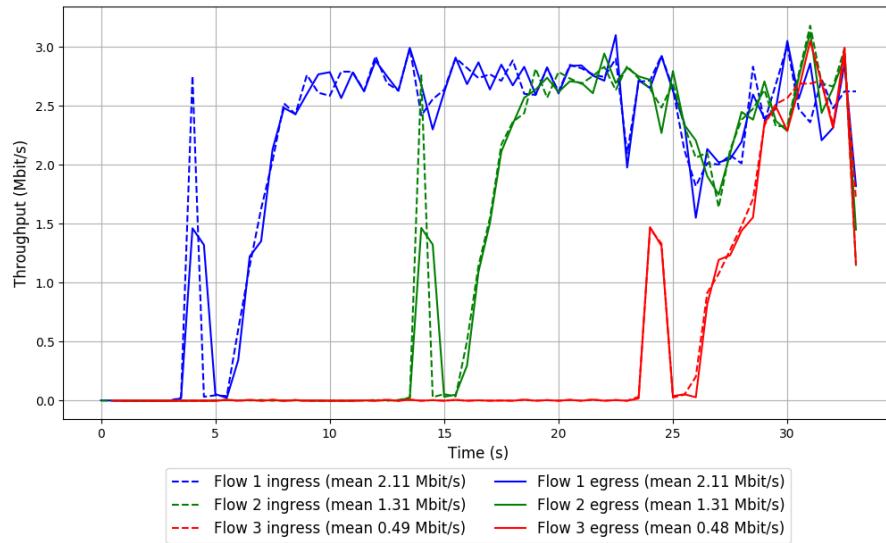


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-03-21 03:42:10
End at: 2018-03-21 03:42:40
Local clock offset: -5.59 ms
Remote clock offset: 0.314 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 82.078 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 80.531 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 82.355 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 80.916 ms
Loss rate: 2.70%
```

Run 10: Report of WebRTC media — Data Link

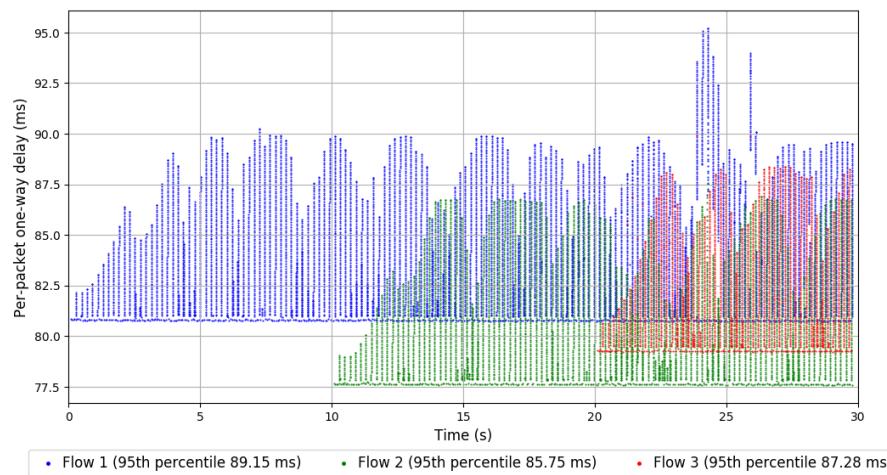
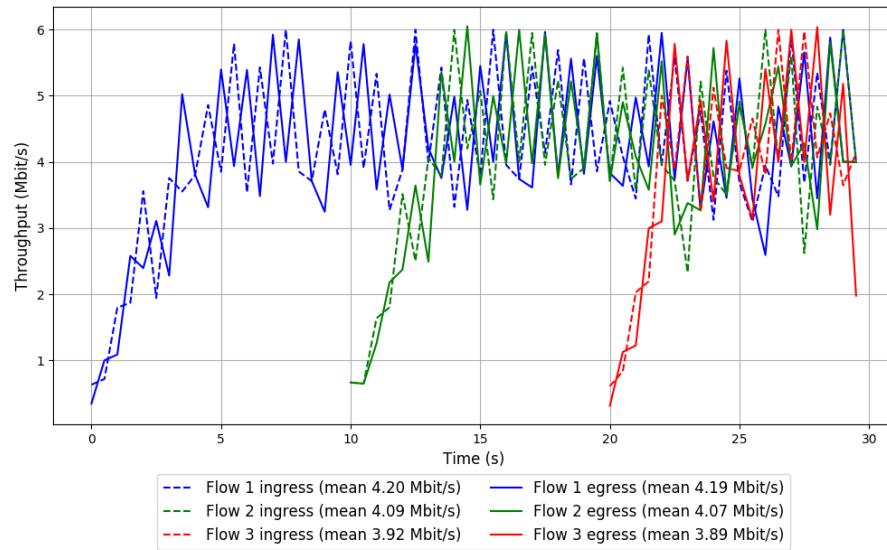


Run 1: Statistics of Sprout

```
Start at: 2018-03-20 23:53:26
End at: 2018-03-20 23:53:56
Local clock offset: -13.184 ms
Remote clock offset: 9.484 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 88.392 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 89.147 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 85.747 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 87.277 ms
Loss rate: 2.79%
```

Run 1: Report of Sprout — Data Link

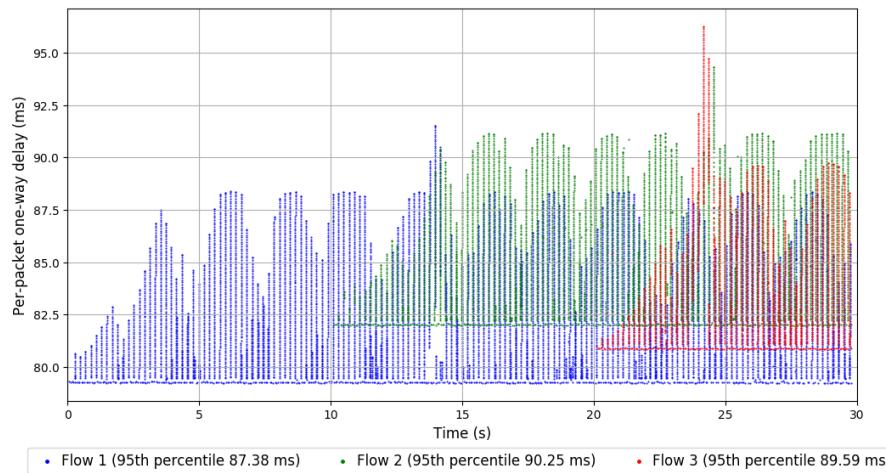
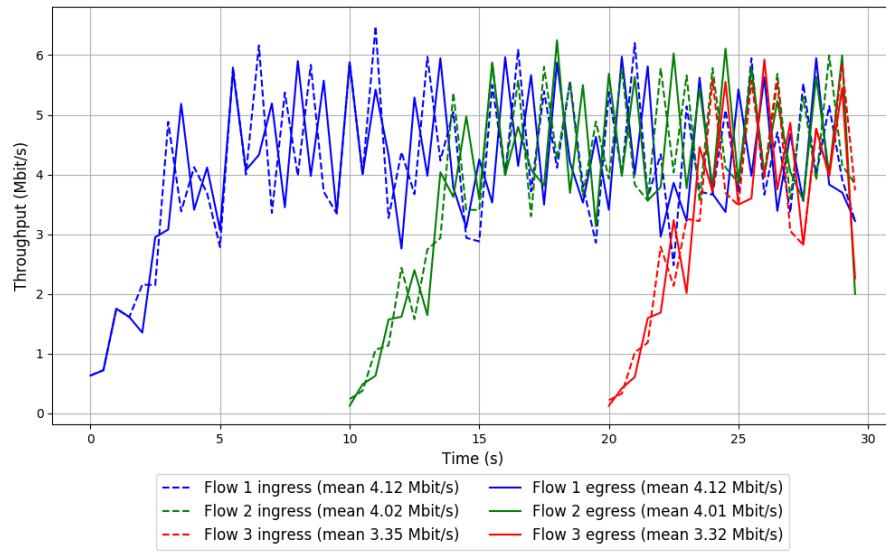


Run 2: Statistics of Sprout

```
Start at: 2018-03-21 00:17:27
End at: 2018-03-21 00:17:57
Local clock offset: -14.124 ms
Remote clock offset: 6.789 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 89.265 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 87.376 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 90.251 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 89.591 ms
Loss rate: 2.84%
```

Run 2: Report of Sprout — Data Link

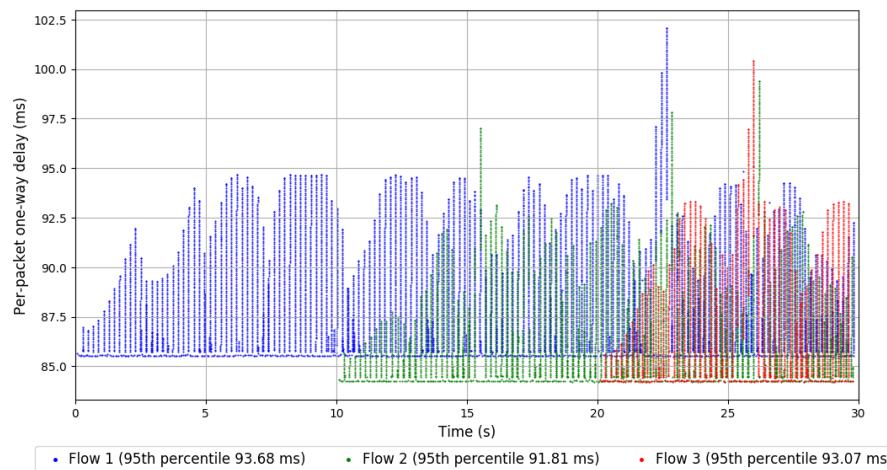
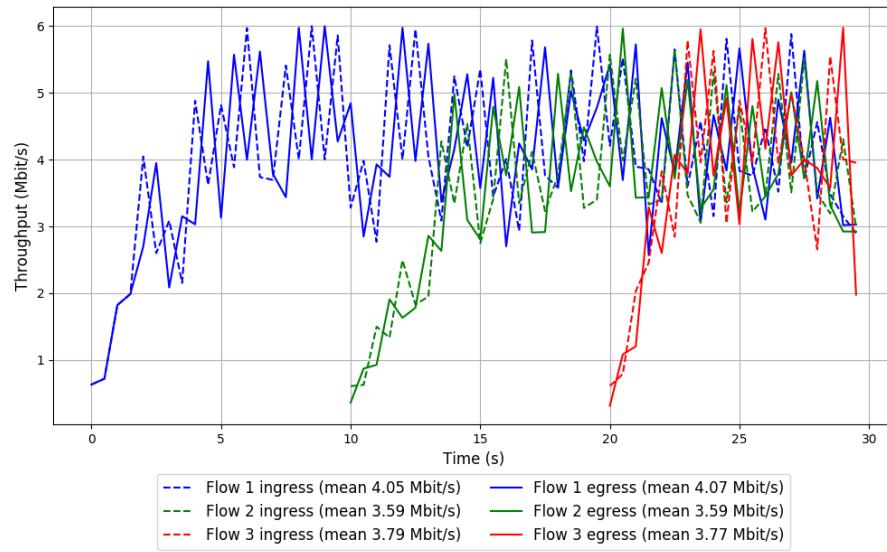


Run 3: Statistics of Sprout

```
Start at: 2018-03-21 00:41:21
End at: 2018-03-21 00:41:51
Local clock offset: -14.154 ms
Remote clock offset: 1.183 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 93.317 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 93.678 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 91.806 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 93.073 ms
Loss rate: 2.64%
```

Run 3: Report of Sprout — Data Link

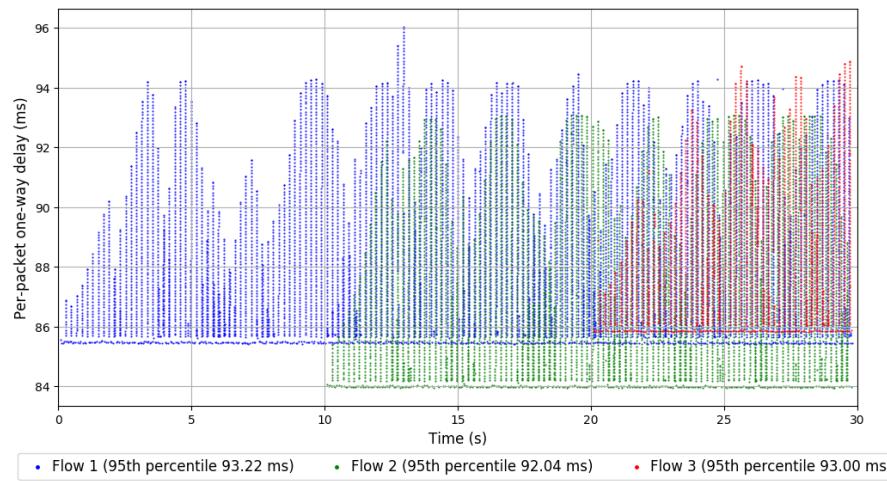
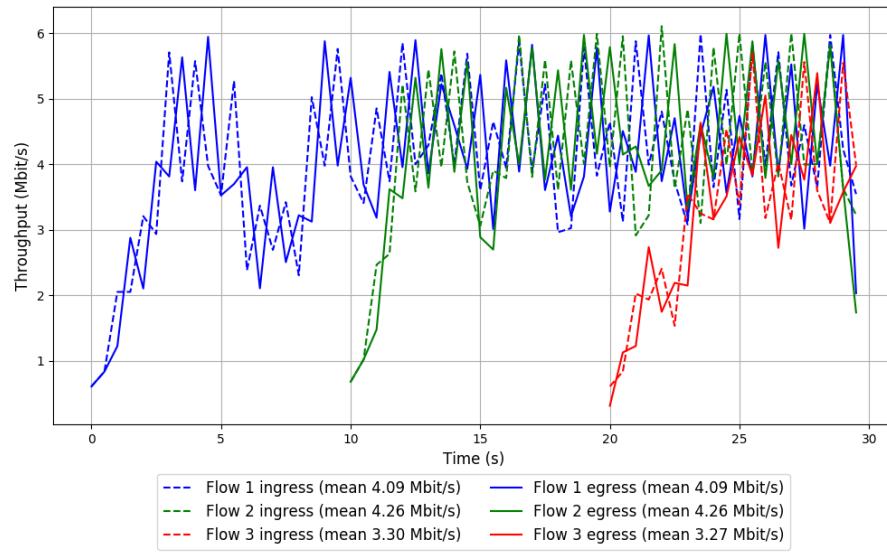


Run 4: Statistics of Sprout

```
Start at: 2018-03-21 01:05:21
End at: 2018-03-21 01:05:51
Local clock offset: -14.22 ms
Remote clock offset: 0.41 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 92.812 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 93.219 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 92.044 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 93.002 ms
Loss rate: 3.06%
```

Run 4: Report of Sprout — Data Link

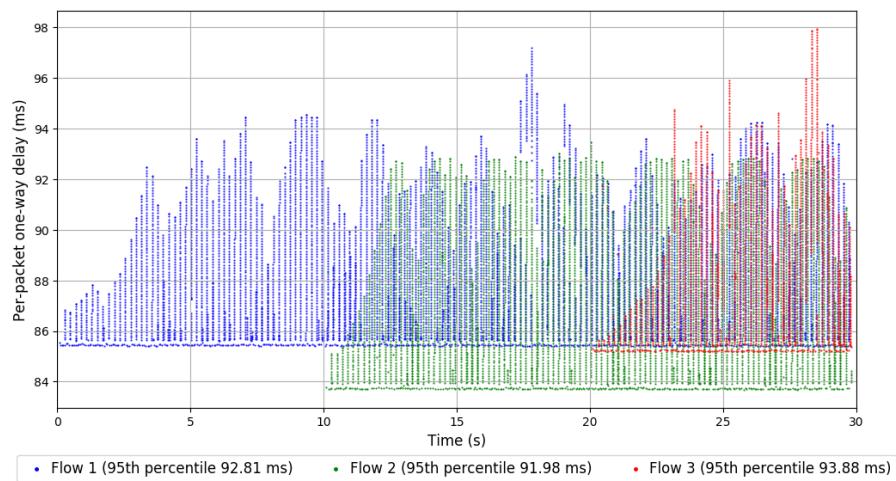
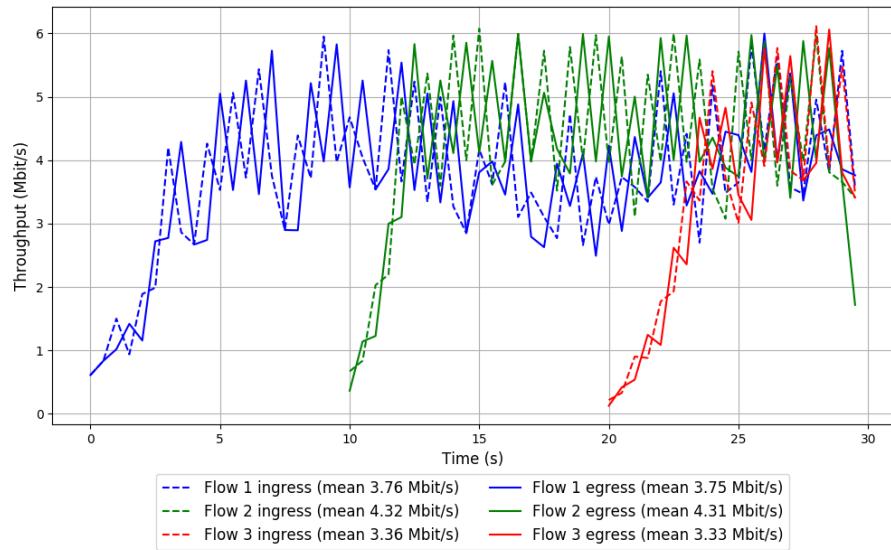


Run 5: Statistics of Sprout

```
Start at: 2018-03-21 01:29:16
End at: 2018-03-21 01:29:46
Local clock offset: -14.276 ms
Remote clock offset: 1.306 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 92.606 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 92.815 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 91.978 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 93.878 ms
Loss rate: 2.61%
```

Run 5: Report of Sprout — Data Link

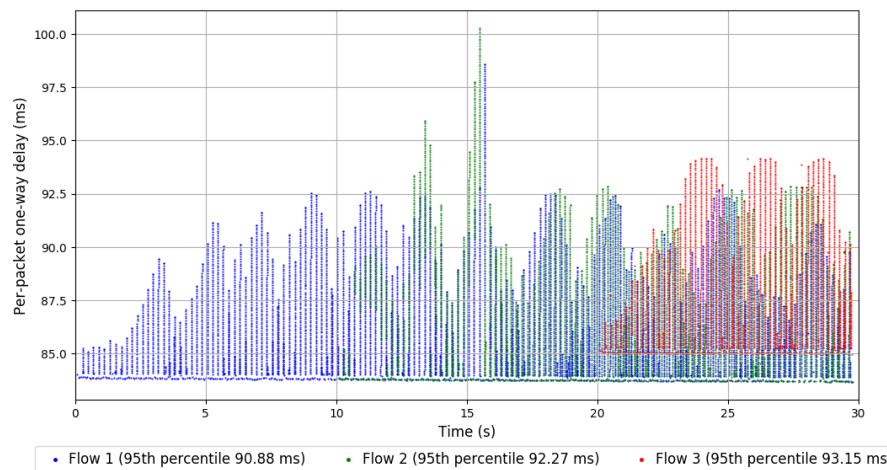
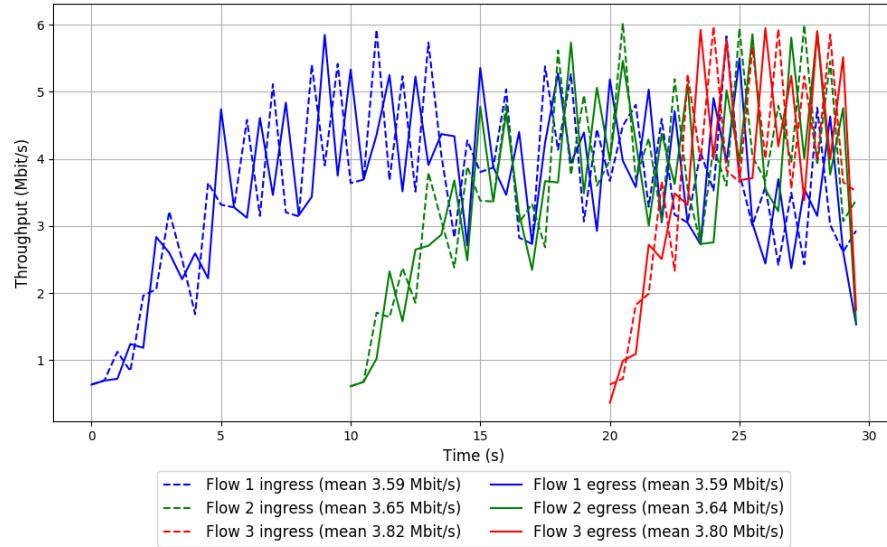


Run 6: Statistics of Sprout

```
Start at: 2018-03-21 01:53:11
End at: 2018-03-21 01:53:41
Local clock offset: -5.58 ms
Remote clock offset: 0.529 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 91.964 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 90.882 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 92.267 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 93.153 ms
Loss rate: 2.35%
```

Run 6: Report of Sprout — Data Link

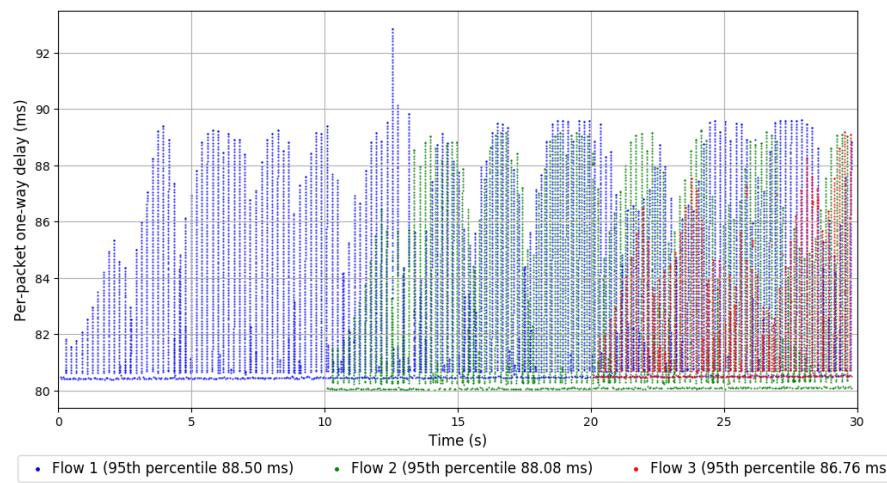
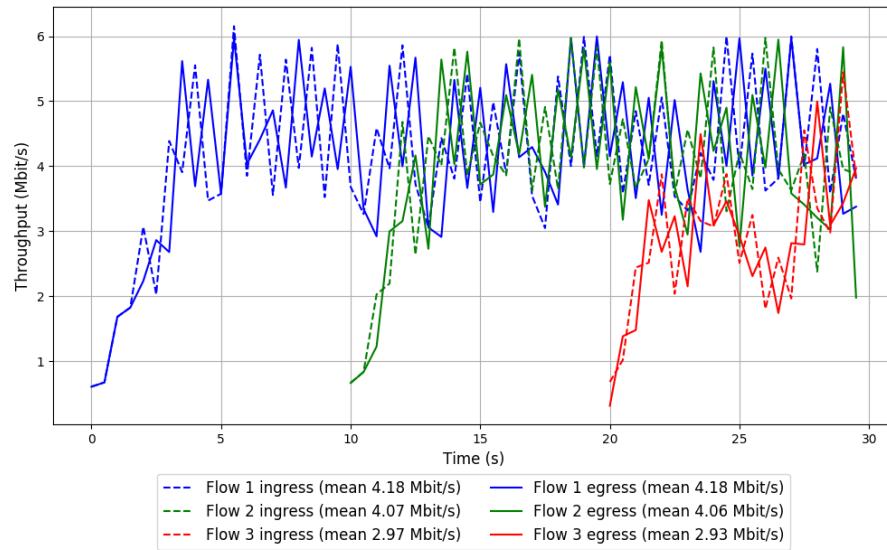


Run 7: Statistics of Sprout

```
Start at: 2018-03-21 02:17:08
End at: 2018-03-21 02:17:38
Local clock offset: -3.257 ms
Remote clock offset: 3.385 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 88.263 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 88.498 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 88.083 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 86.760 ms
Loss rate: 3.21%
```

Run 7: Report of Sprout — Data Link

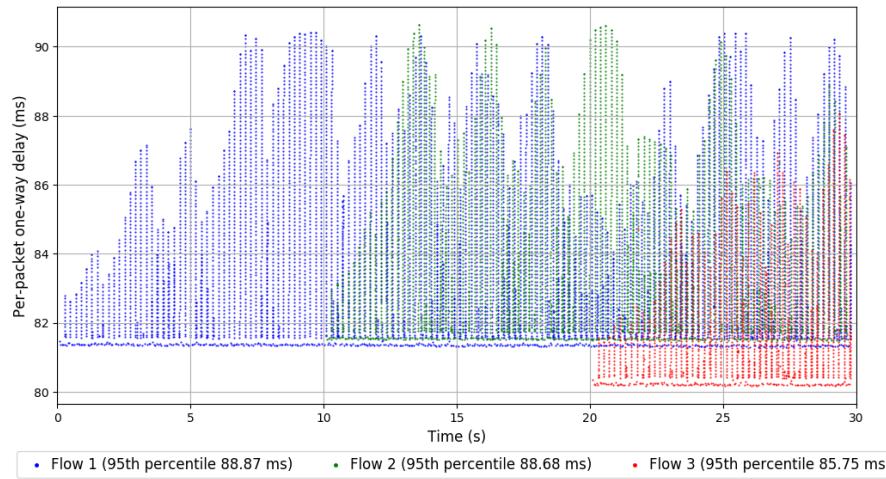
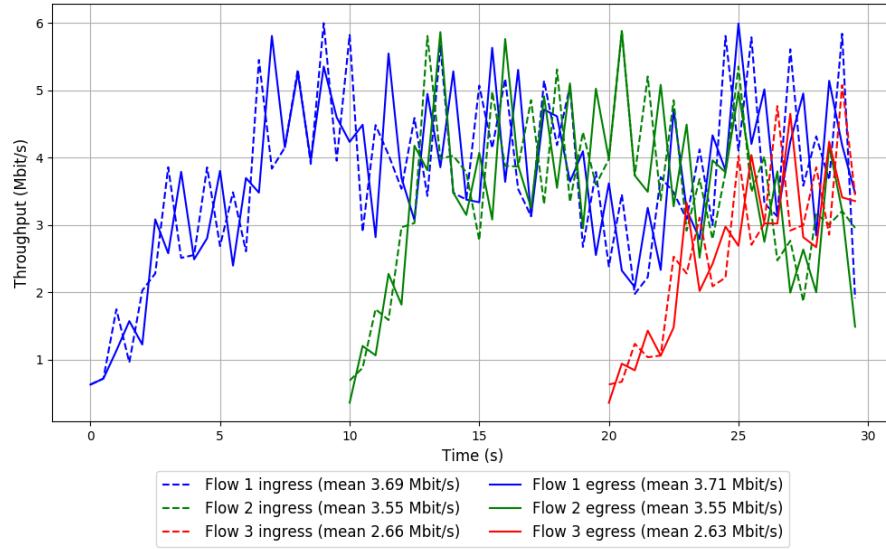


Run 8: Statistics of Sprout

```
Start at: 2018-03-21 02:41:01
End at: 2018-03-21 02:41:31
Local clock offset: -4.13 ms
Remote clock offset: 2.532 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 88.652 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 88.874 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 88.683 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 2.63 Mbit/s
95th percentile per-packet one-way delay: 85.745 ms
Loss rate: 3.35%
```

Run 8: Report of Sprout — Data Link

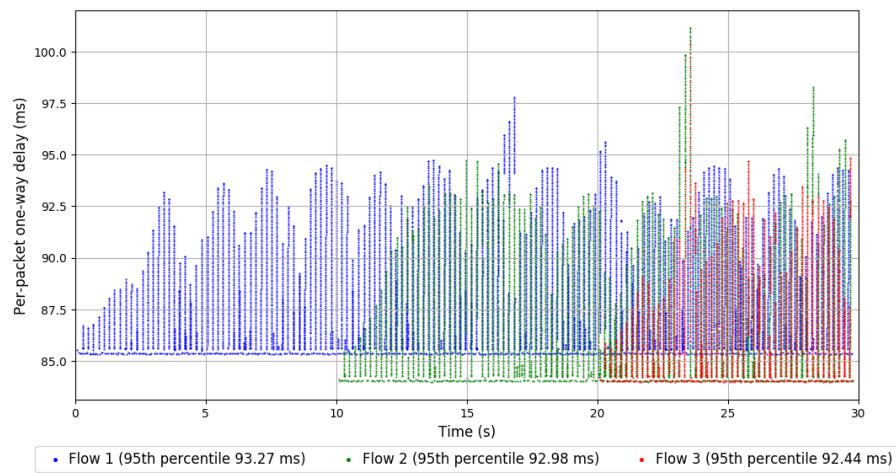
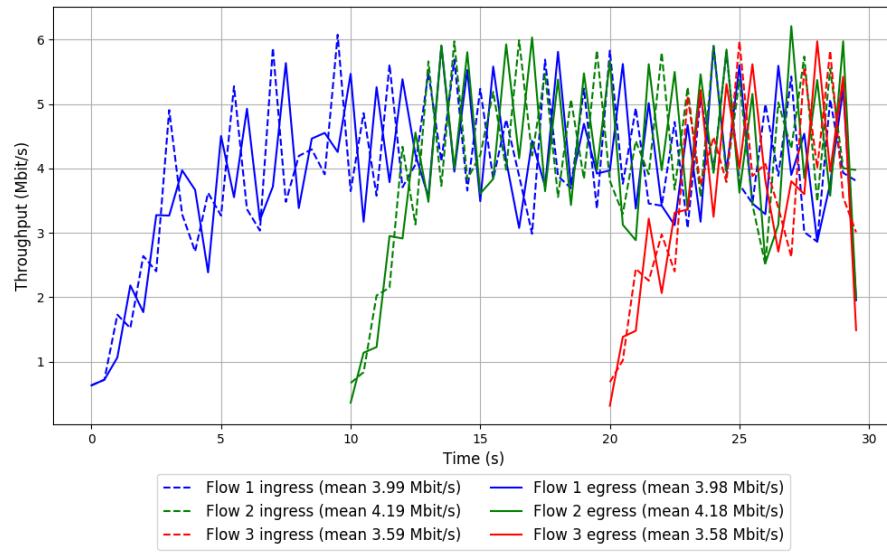


Run 9: Statistics of Sprout

```
Start at: 2018-03-21 03:04:56
End at: 2018-03-21 03:05:26
Local clock offset: -5.592 ms
Remote clock offset: -2.154 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 93.072 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 93.268 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 92.985 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 92.437 ms
Loss rate: 2.15%
```

Run 9: Report of Sprout — Data Link

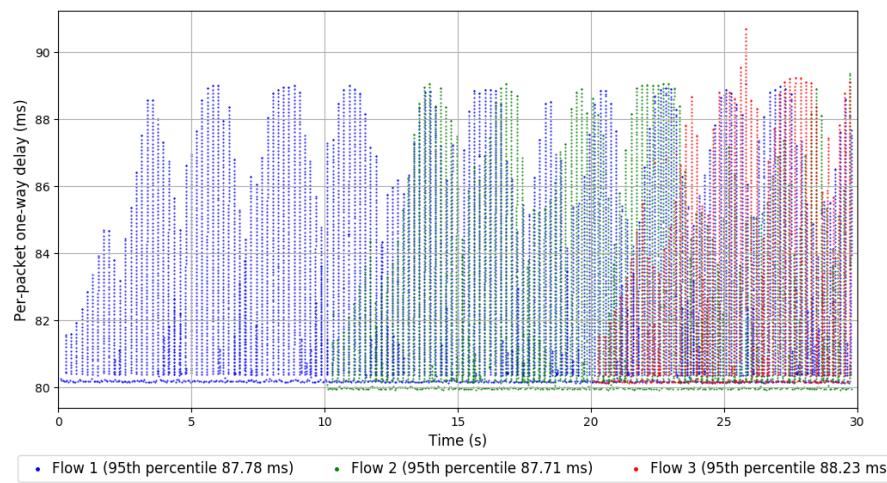
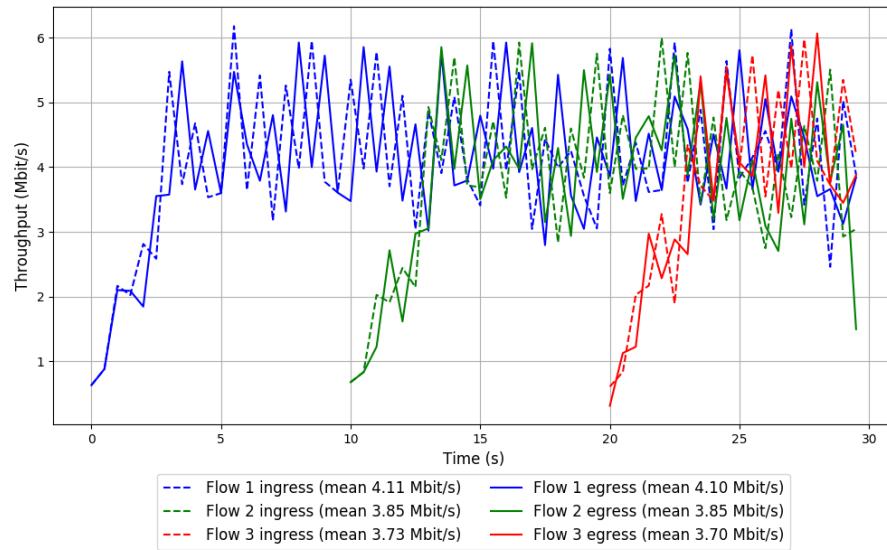


Run 10: Statistics of Sprout

```
Start at: 2018-03-21 03:28:58
End at: 2018-03-21 03:29:28
Local clock offset: -5.648 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at 2018-03-21 07:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 87.823 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 87.784 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 87.711 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 3.70 Mbit/s
95th percentile per-packet one-way delay: 88.234 ms
Loss rate: 3.02%
```

Run 10: Report of Sprout — Data Link

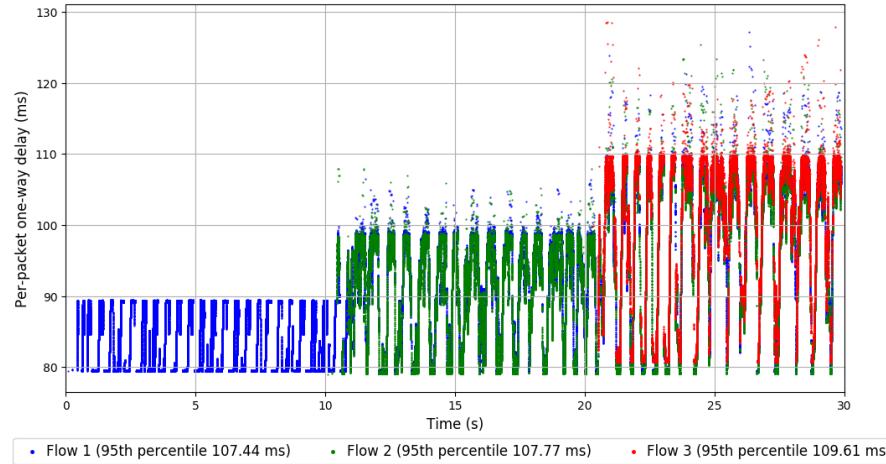
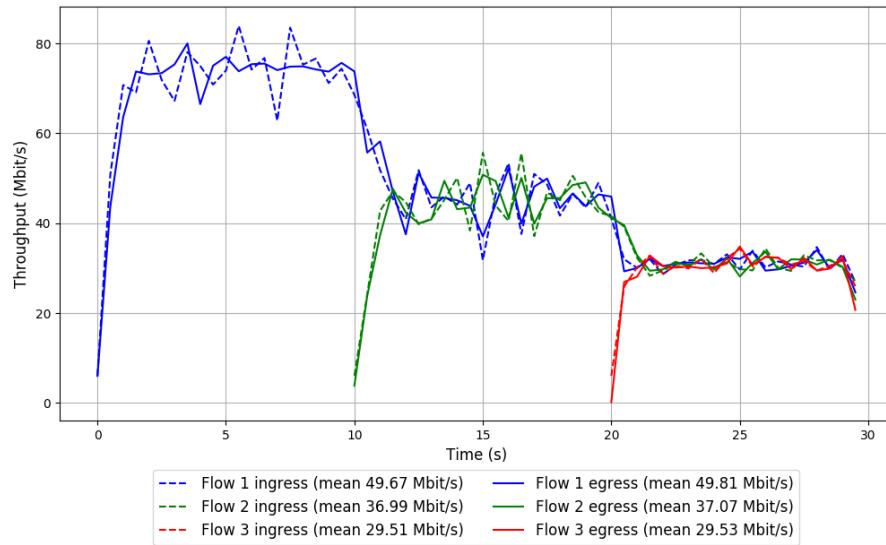


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-03-20 23:46:44
End at: 2018-03-20 23:47:14
Local clock offset: -13.303 ms
Remote clock offset: 10.051 ms

# Below is generated by plot.py at 2018-03-21 07:58:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 108.158 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 107.435 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 107.768 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 109.609 ms
Loss rate: 1.97%
```

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

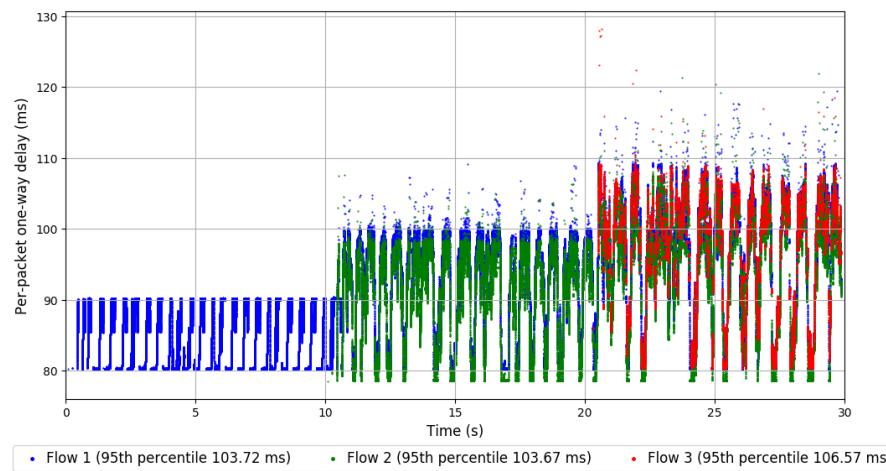
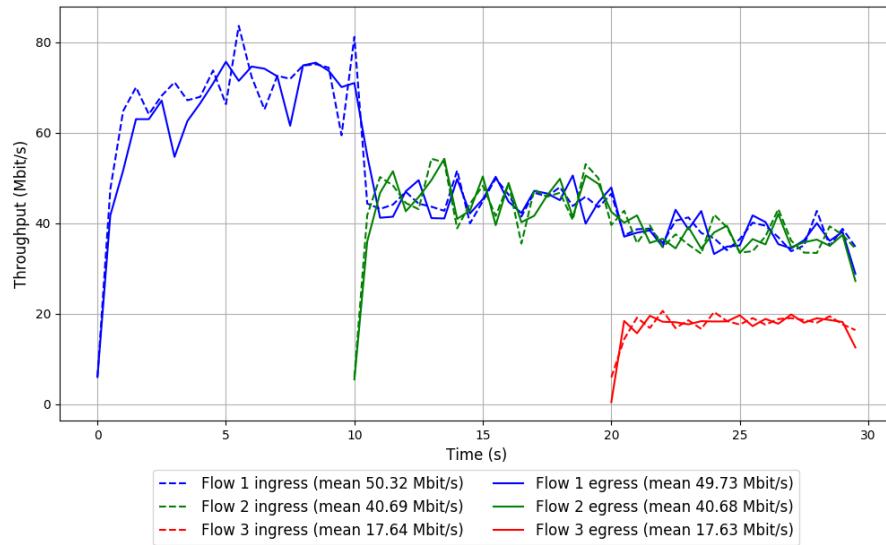


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-03-21 00:10:44
End at: 2018-03-21 00:11:14
Local clock offset: -13.937 ms
Remote clock offset: 8.035 ms

# Below is generated by plot.py at 2018-03-21 07:58:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.50 Mbit/s
95th percentile per-packet one-way delay: 104.217 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 49.73 Mbit/s
95th percentile per-packet one-way delay: 103.718 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 103.669 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 106.567 ms
Loss rate: 2.03%
```

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

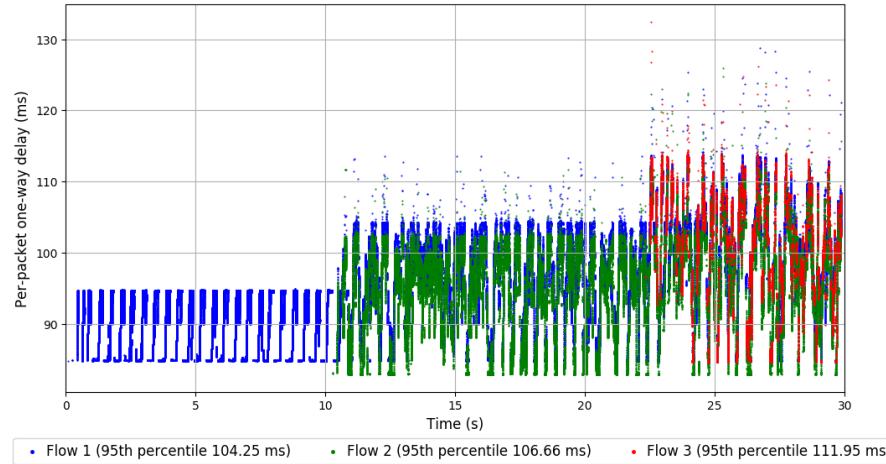
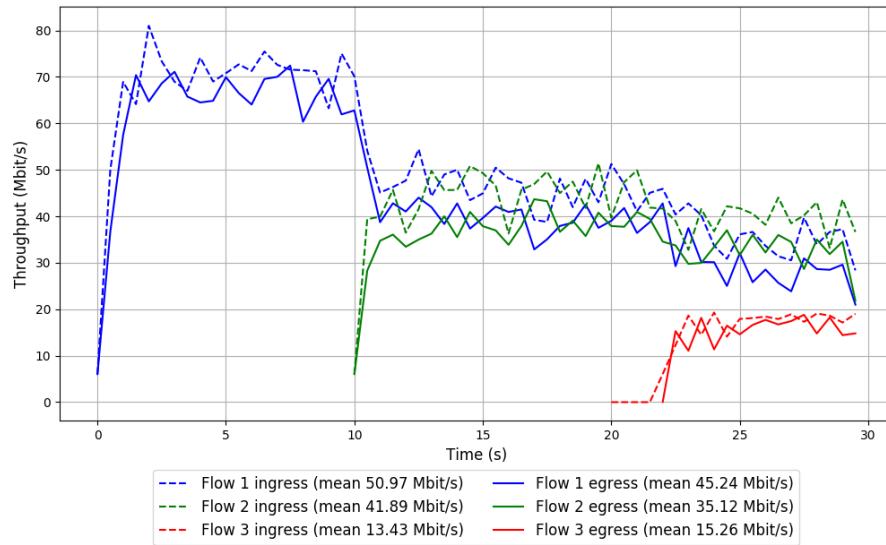


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-03-21 00:34:35
End at: 2018-03-21 00:35:05
Local clock offset: -14.16 ms
Remote clock offset: 2.331 ms

# Below is generated by plot.py at 2018-03-21 07:58:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.52 Mbit/s
95th percentile per-packet one-way delay: 106.760 ms
Loss rate: 13.53%
-- Flow 1:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: 104.253 ms
Loss rate: 11.79%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 106.655 ms
Loss rate: 17.02%
-- Flow 3:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 111.954 ms
Loss rate: 11.49%
```

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

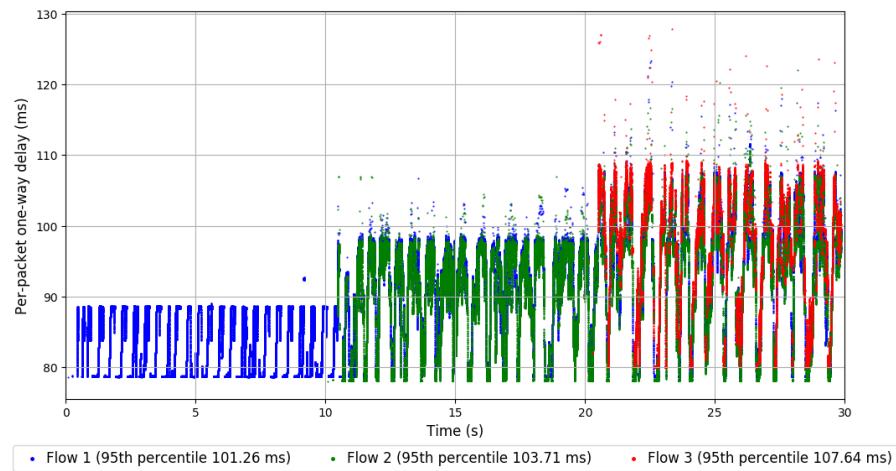
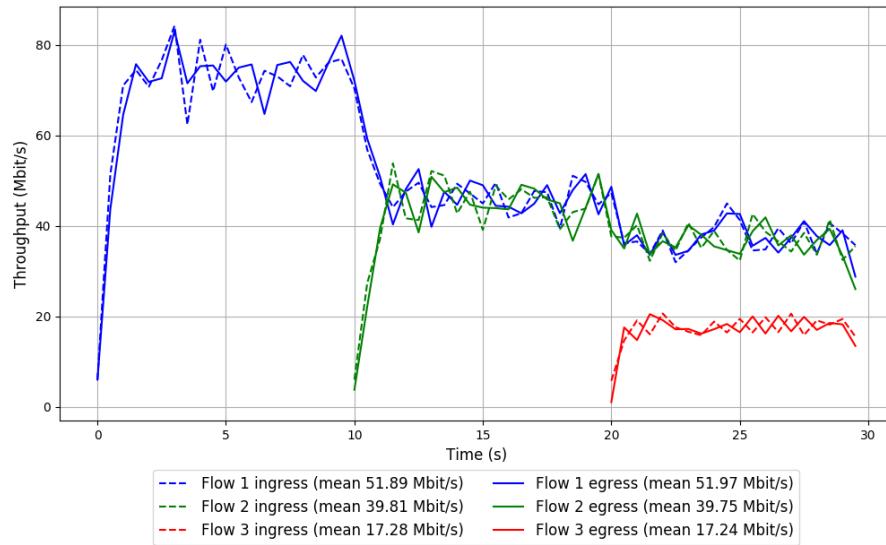


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-03-21 00:58:36
End at: 2018-03-21 00:59:06
Local clock offset: -14.202 ms
Remote clock offset: 6.313 ms

# Below is generated by plot.py at 2018-03-21 07:58:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.01 Mbit/s
95th percentile per-packet one-way delay: 103.796 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 101.259 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 103.712 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 107.640 ms
Loss rate: 1.99%
```

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

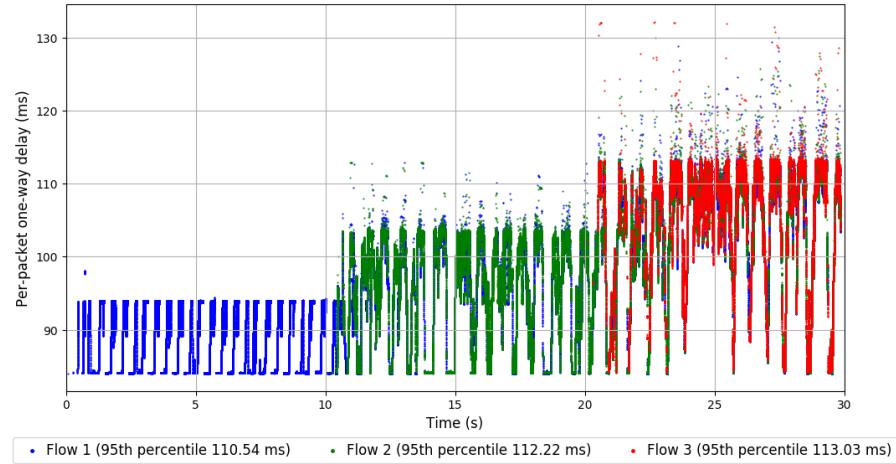
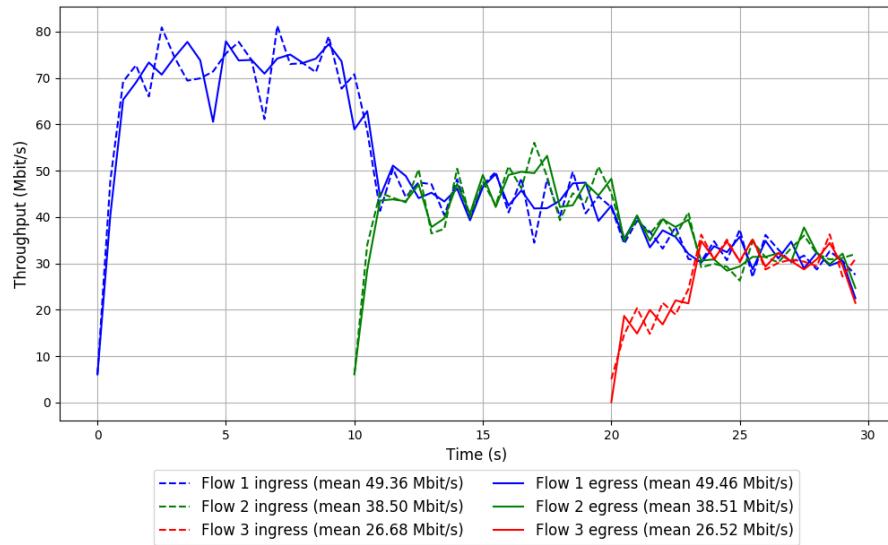


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-03-21 01:22:30
End at: 2018-03-21 01:23:00
Local clock offset: -14.258 ms
Remote clock offset: 1.579 ms

# Below is generated by plot.py at 2018-03-21 07:58:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 112.157 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 49.46 Mbit/s
95th percentile per-packet one-way delay: 110.537 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 112.222 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 113.034 ms
Loss rate: 2.65%
```

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

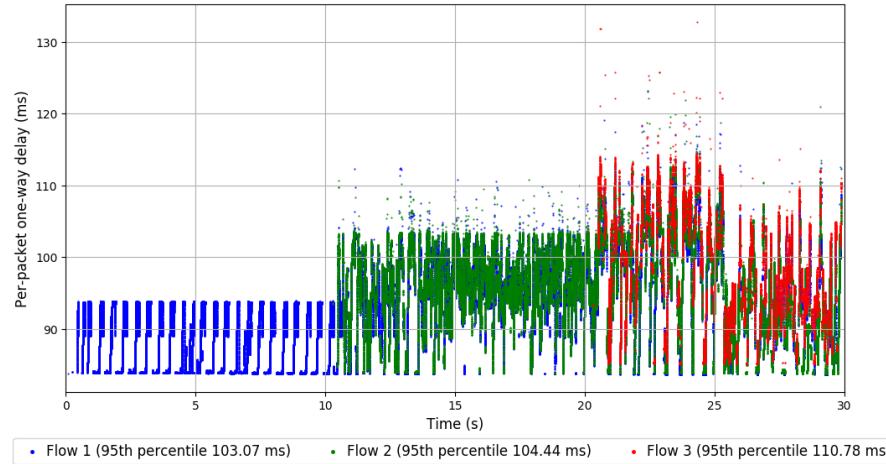
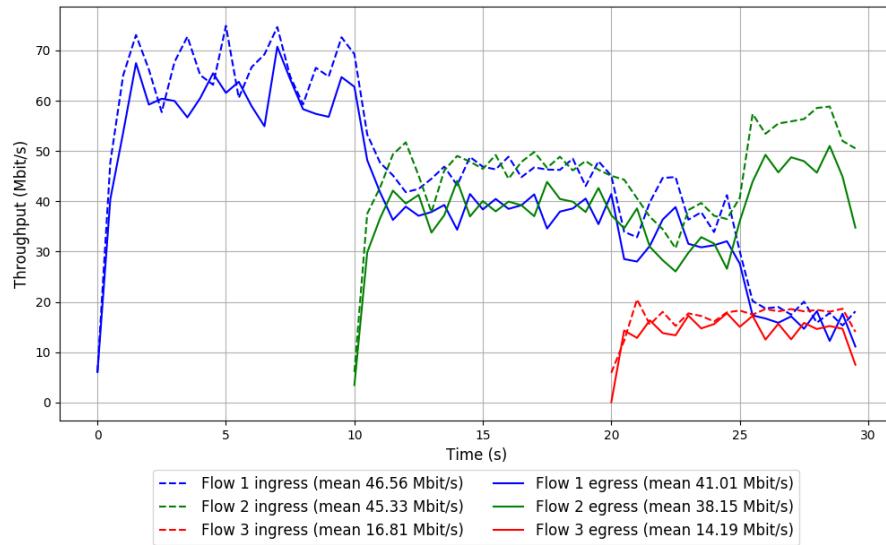


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-03-21 01:46:24
End at: 2018-03-21 01:46:54
Local clock offset: -8.155 ms
Remote clock offset: 0.739 ms

# Below is generated by plot.py at 2018-03-21 07:58:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.97 Mbit/s
95th percentile per-packet one-way delay: 104.513 ms
Loss rate: 14.32%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 103.072 ms
Loss rate: 12.45%
-- Flow 2:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 104.444 ms
Loss rate: 16.65%
-- Flow 3:
Average throughput: 14.19 Mbit/s
95th percentile per-packet one-way delay: 110.777 ms
Loss rate: 17.29%
```

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

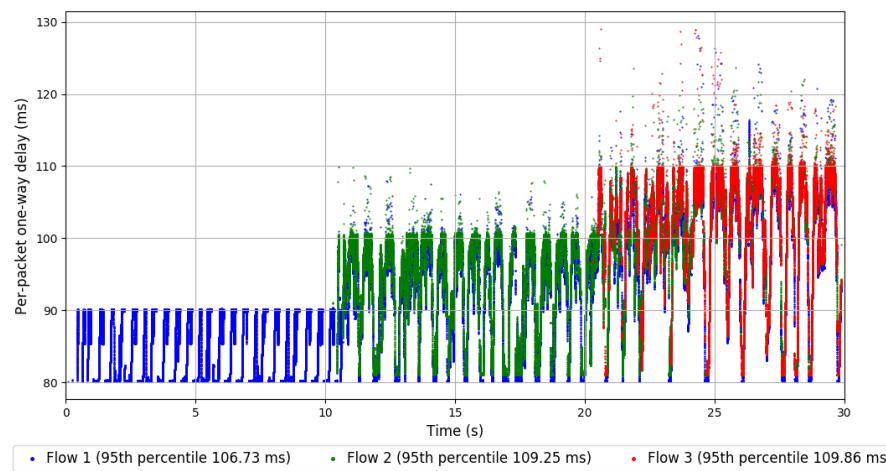
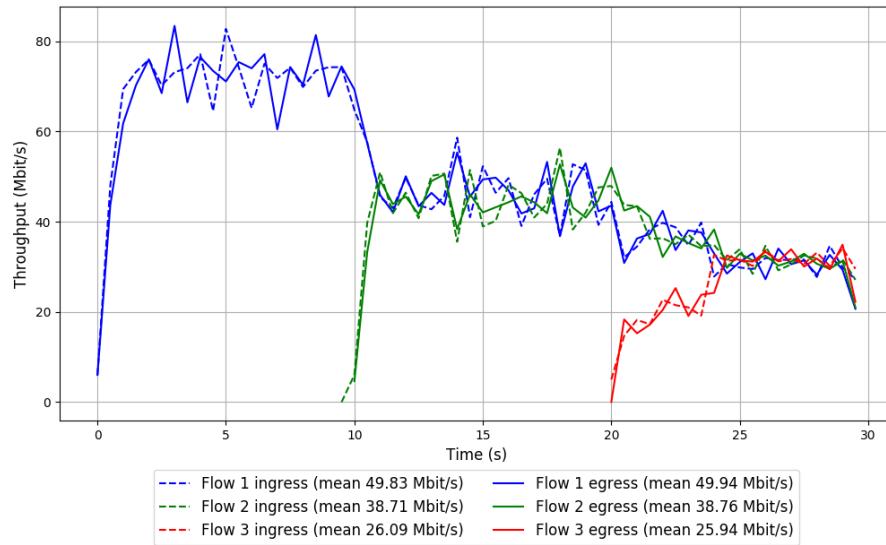


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-03-21 02:10:22
End at: 2018-03-21 02:10:52
Local clock offset: -1.875 ms
Remote clock offset: 3.765 ms

# Below is generated by plot.py at 2018-03-21 07:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 108.732 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 106.731 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 109.255 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 109.859 ms
Loss rate: 2.67%
```

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

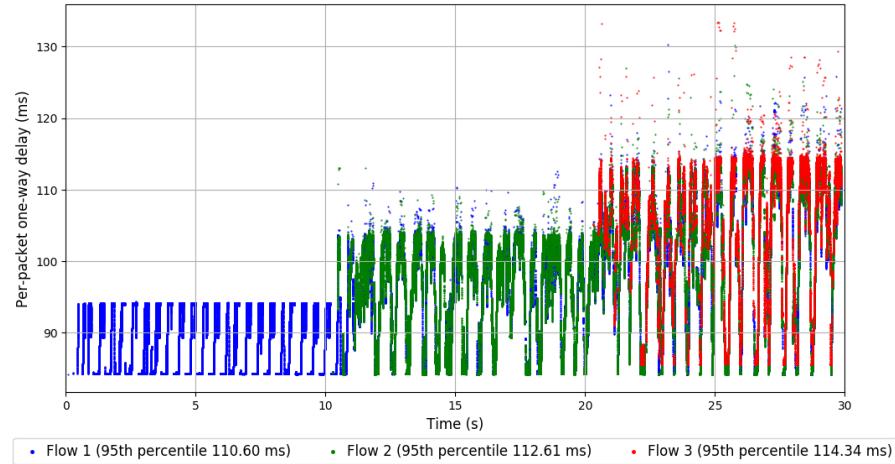
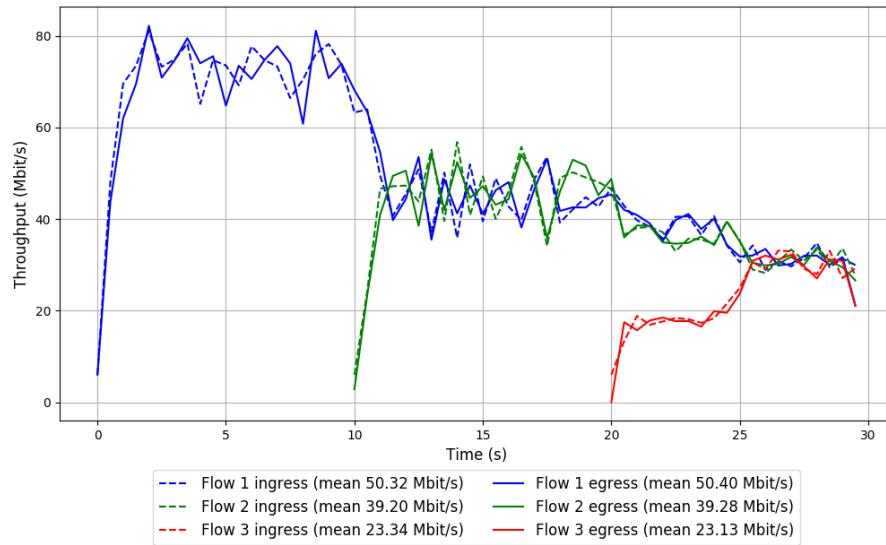


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-03-21 02:34:15
End at: 2018-03-21 02:34:45
Local clock offset: -4.42 ms
Remote clock offset: -1.016 ms

# Below is generated by plot.py at 2018-03-21 07:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.04 Mbit/s
95th percentile per-packet one-way delay: 112.718 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 110.599 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 112.609 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: 114.340 ms
Loss rate: 2.80%
```

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

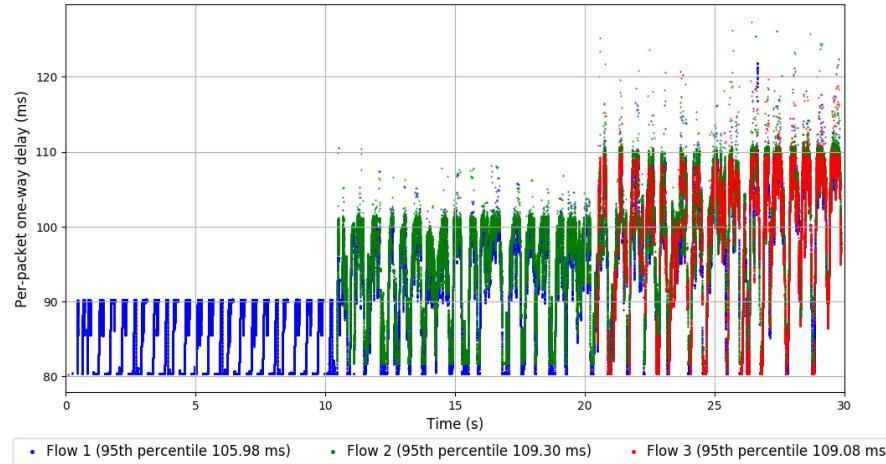
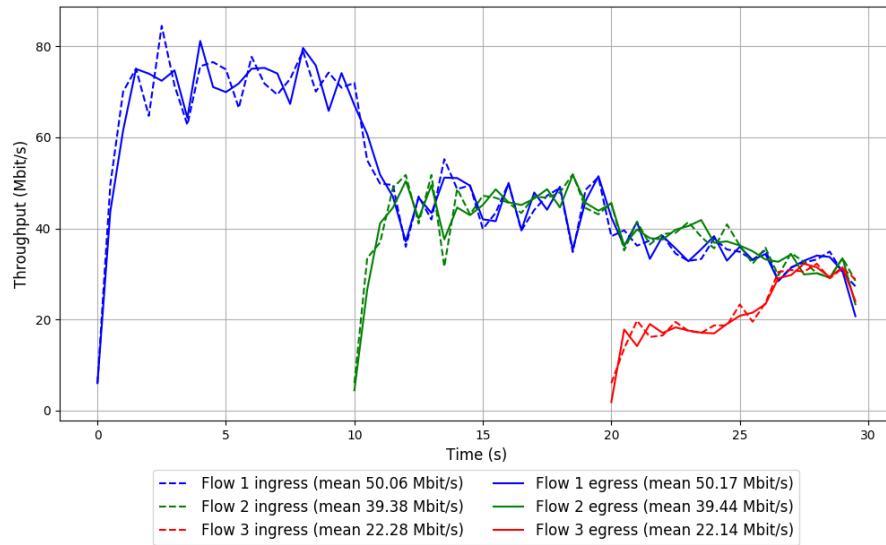


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-03-21 02:58:12
End at: 2018-03-21 02:58:42
Local clock offset: -5.339 ms
Remote clock offset: 2.001 ms

# Below is generated by plot.py at 2018-03-21 08:00:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 108.191 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 105.979 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 39.44 Mbit/s
95th percentile per-packet one-way delay: 109.303 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 109.079 ms
Loss rate: 2.55%
```

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

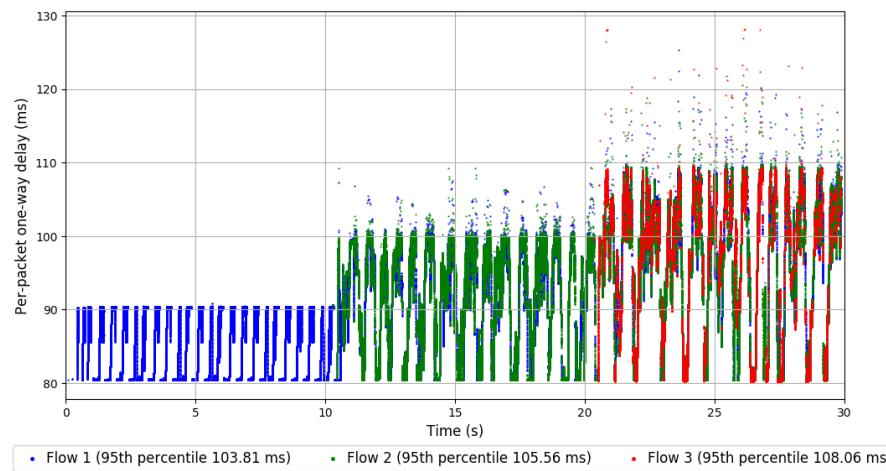
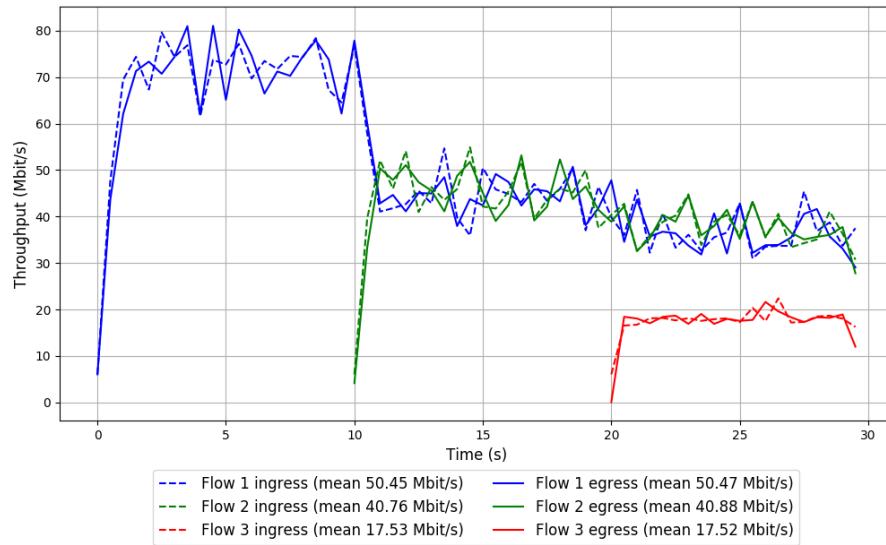


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-03-21 03:22:13
End at: 2018-03-21 03:22:43
Local clock offset: -5.454 ms
Remote clock offset: 1.039 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.34 Mbit/s
95th percentile per-packet one-way delay: 105.299 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 103.805 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 105.559 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 108.064 ms
Loss rate: 2.11%
```

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

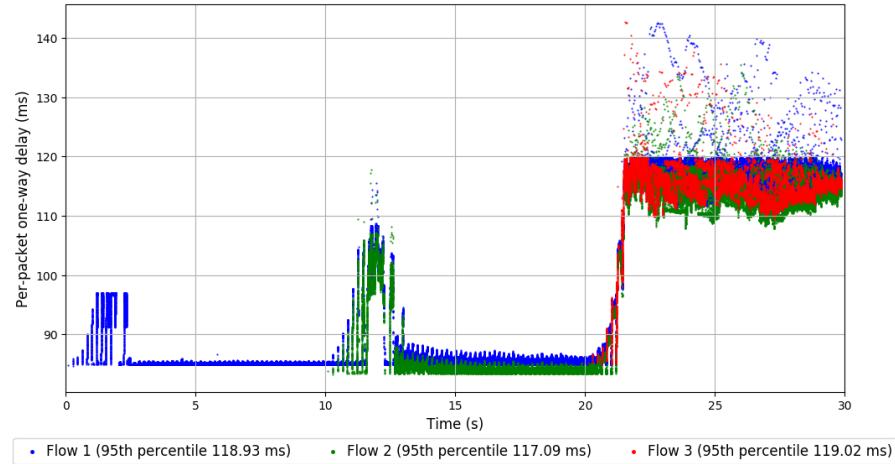
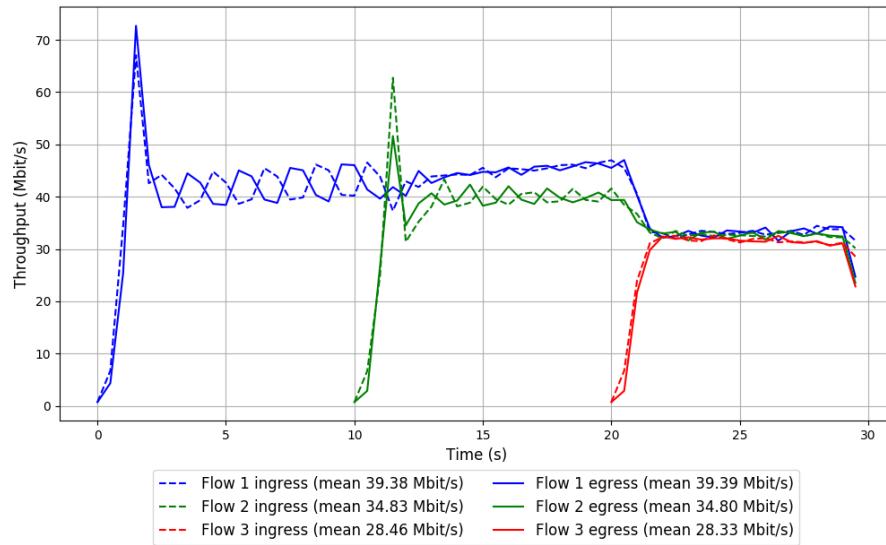


Run 1: Statistics of TCP Vegas

```
Start at: 2018-03-21 00:05:29
End at: 2018-03-21 00:05:59
Local clock offset: -13.788 ms
Remote clock offset: 3.297 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 118.603 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 118.933 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 117.095 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 28.33 Mbit/s
95th percentile per-packet one-way delay: 119.022 ms
Loss rate: 2.29%
```

Run 1: Report of TCP Vegas — Data Link

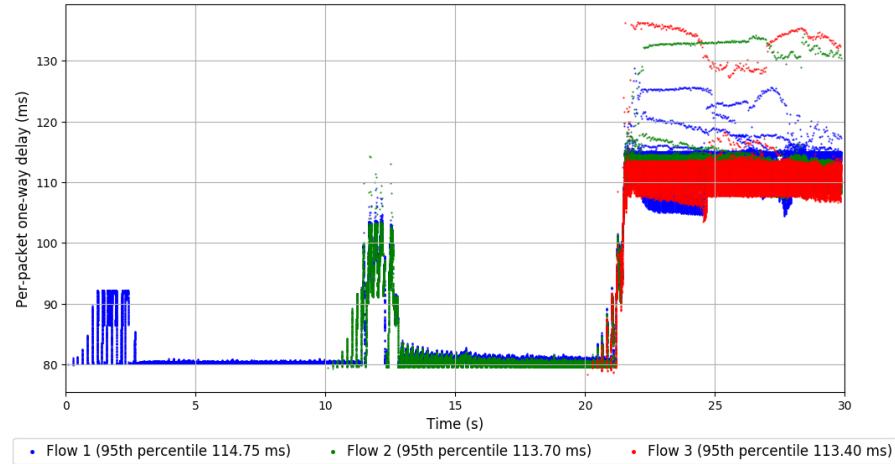
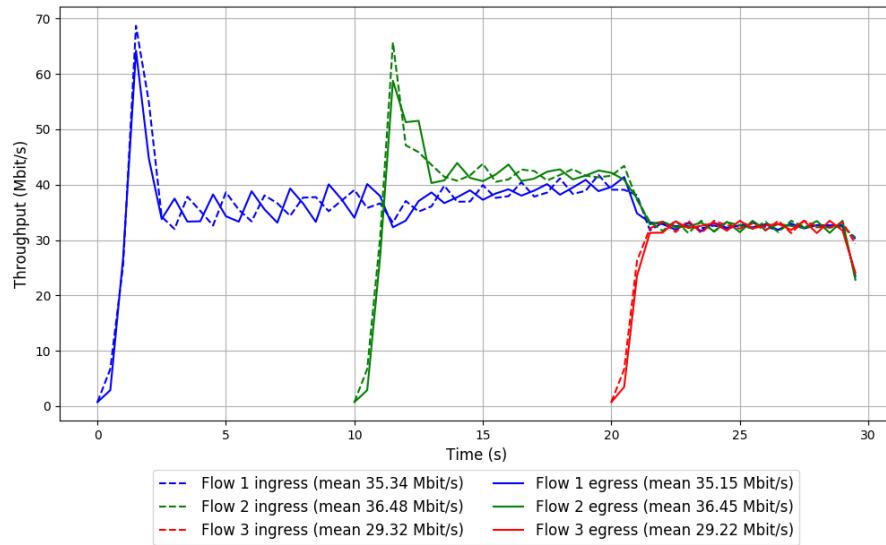


Run 2: Statistics of TCP Vegas

```
Start at: 2018-03-21 00:29:20
End at: 2018-03-21 00:29:50
Local clock offset: -14.194 ms
Remote clock offset: 7.326 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.91 Mbit/s
95th percentile per-packet one-way delay: 114.302 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 114.755 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 113.700 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 113.404 ms
Loss rate: 2.30%
```

Run 2: Report of TCP Vegas — Data Link

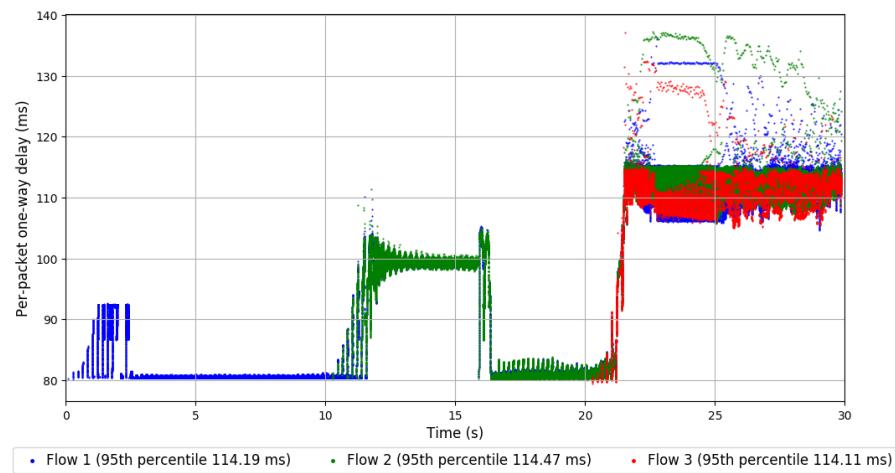
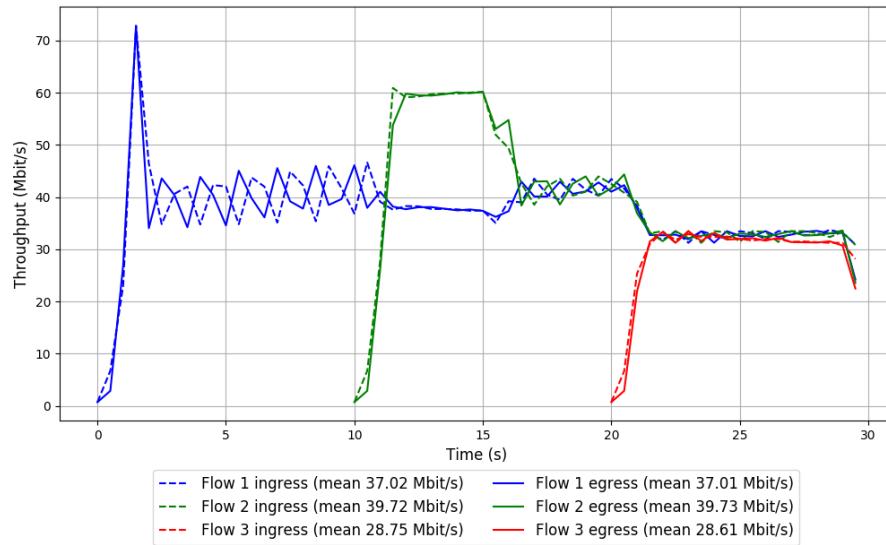


Run 3: Statistics of TCP Vegas

```
Start at: 2018-03-21 00:53:20
End at: 2018-03-21 00:53:50
Local clock offset: -14.183 ms
Remote clock offset: 6.414 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.74 Mbit/s
95th percentile per-packet one-way delay: 114.299 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 114.185 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 114.467 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 114.108 ms
Loss rate: 2.30%
```

Run 3: Report of TCP Vegas — Data Link

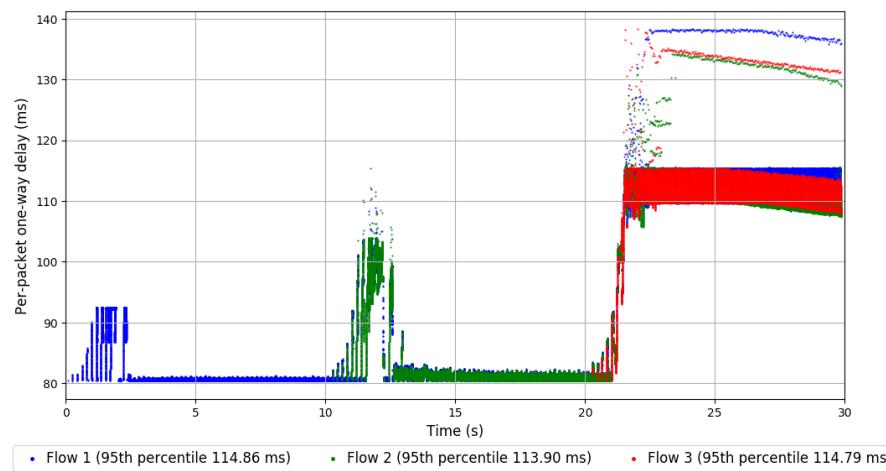
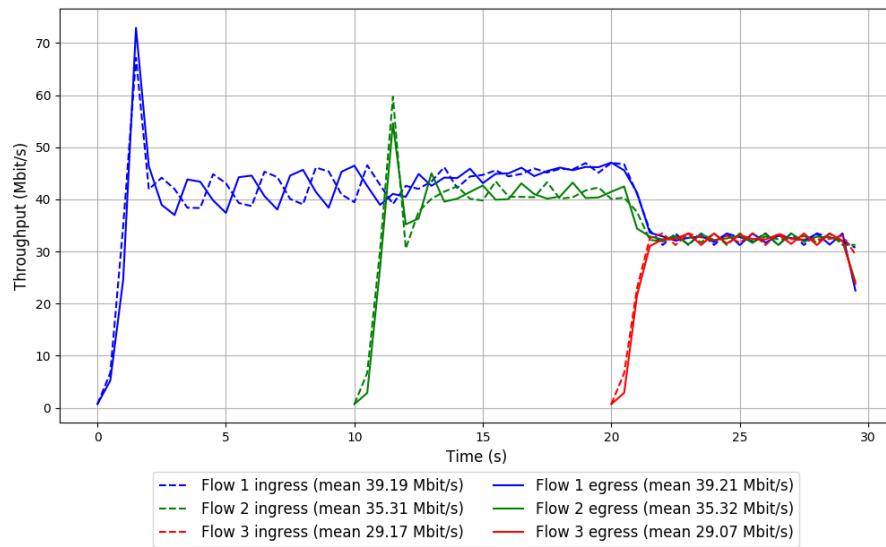


Run 4: Statistics of TCP Vegas

```
Start at: 2018-03-21 01:17:15
End at: 2018-03-21 01:17:45
Local clock offset: -14.248 ms
Remote clock offset: 5.548 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.19 Mbit/s
95th percentile per-packet one-way delay: 114.652 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 114.857 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 113.902 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 114.788 ms
Loss rate: 2.31%
```

Run 4: Report of TCP Vegas — Data Link

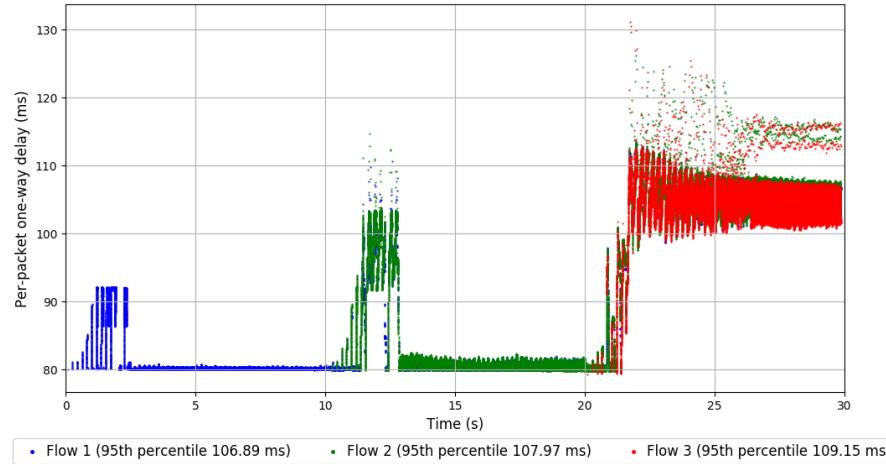
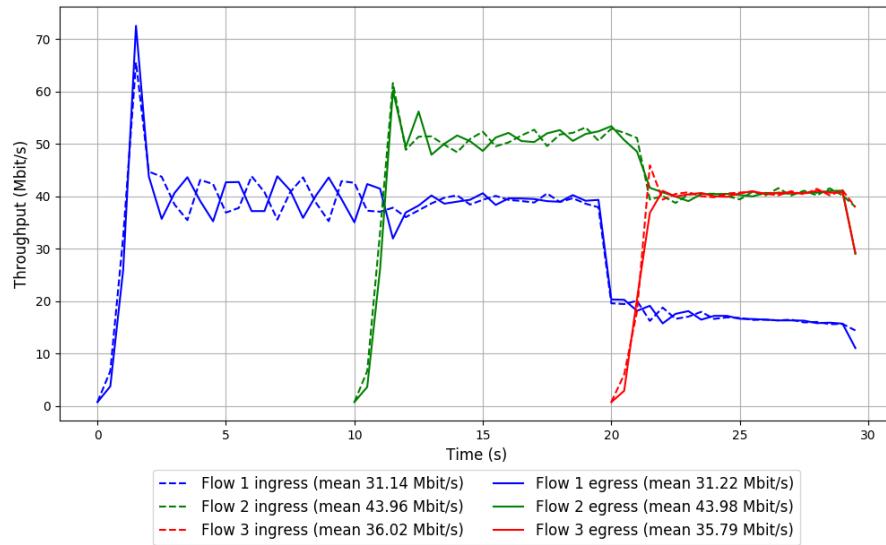


Run 5: Statistics of TCP Vegas

```
Start at: 2018-03-21 01:41:09
End at: 2018-03-21 01:41:39
Local clock offset: -11.561 ms
Remote clock offset: 4.774 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 107.766 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 106.894 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 107.965 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 109.147 ms
Loss rate: 2.45%
```

Run 5: Report of TCP Vegas — Data Link

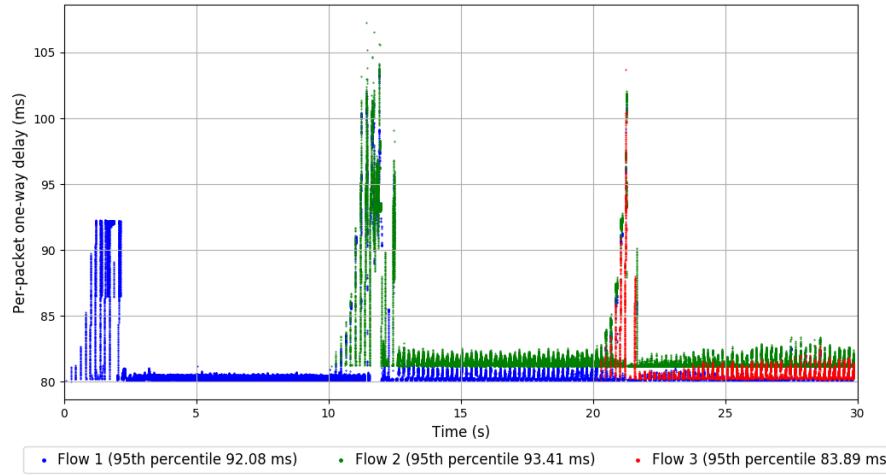
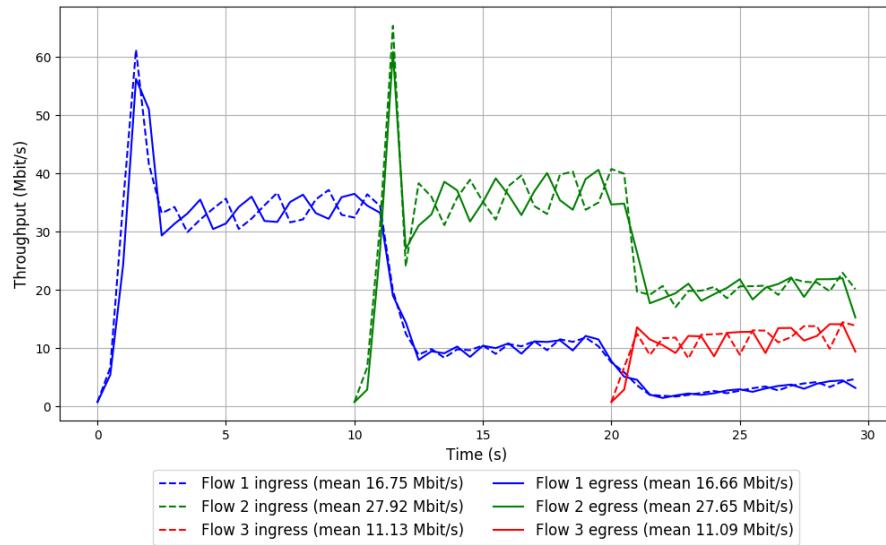


Run 6: Statistics of TCP Vegas

```
Start at: 2018-03-21 02:05:09
End at: 2018-03-21 02:05:39
Local clock offset: -2.782 ms
Remote clock offset: 3.851 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 92.140 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 92.077 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 93.410 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 83.895 ms
Loss rate: 2.23%
```

Run 6: Report of TCP Vegas — Data Link

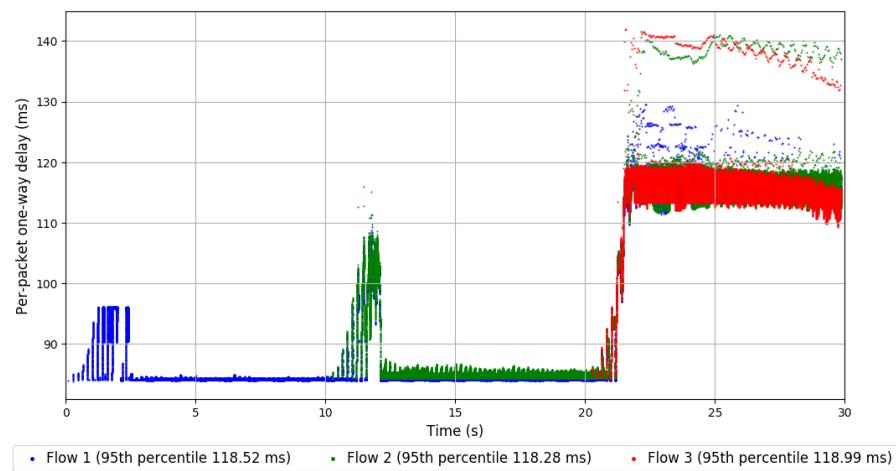
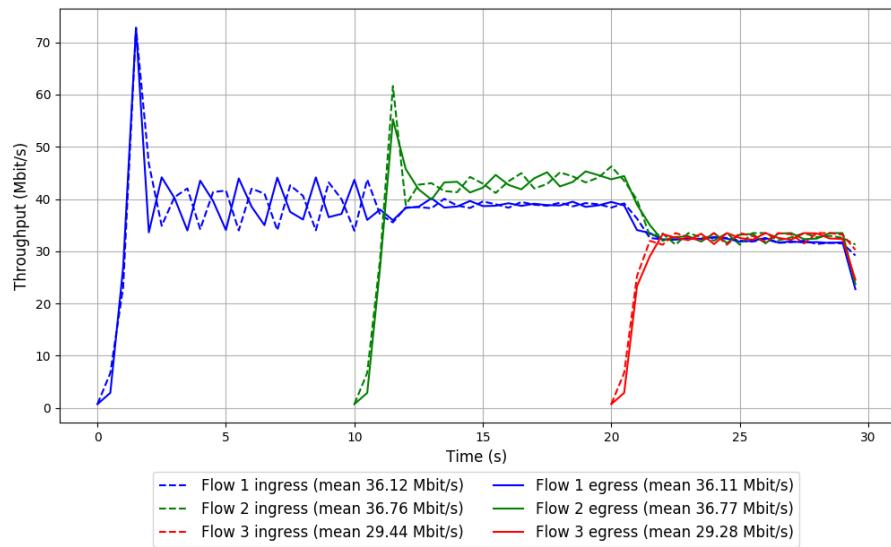


Run 7: Statistics of TCP Vegas

```
Start at: 2018-03-21 02:29:02
End at: 2018-03-21 02:29:32
Local clock offset: -4.483 ms
Remote clock offset: -0.973 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.11 Mbit/s
95th percentile per-packet one-way delay: 118.623 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 118.516 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 118.275 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 118.990 ms
Loss rate: 2.45%
```

Run 7: Report of TCP Vegas — Data Link

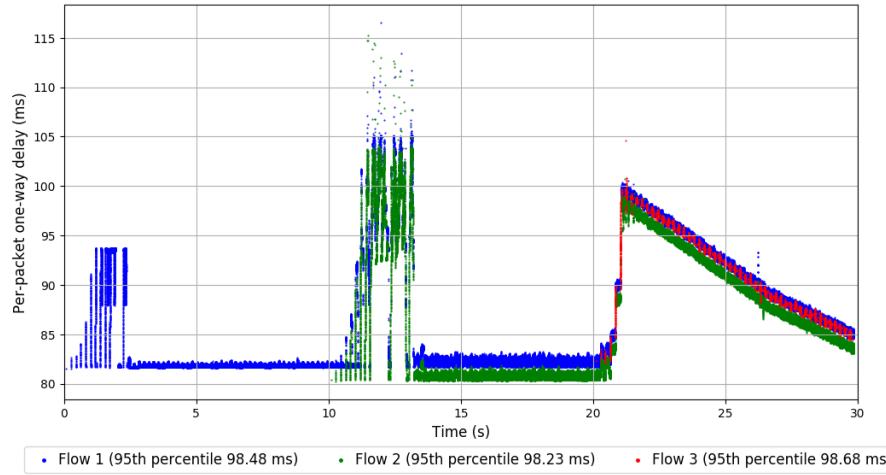
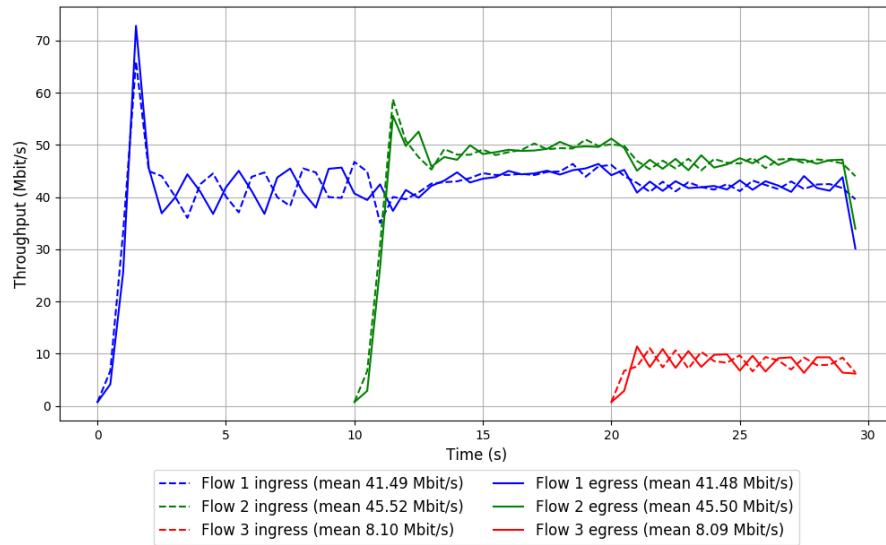


Run 8: Statistics of TCP Vegas

```
Start at: 2018-03-21 02:52:52
End at: 2018-03-21 02:53:22
Local clock offset: -4.924 ms
Remote clock offset: 2.054 ms

# Below is generated by plot.py at 2018-03-21 08:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.33 Mbit/s
95th percentile per-packet one-way delay: 98.407 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 98.479 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 98.227 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 98.678 ms
Loss rate: 1.97%
```

Run 8: Report of TCP Vegas — Data Link

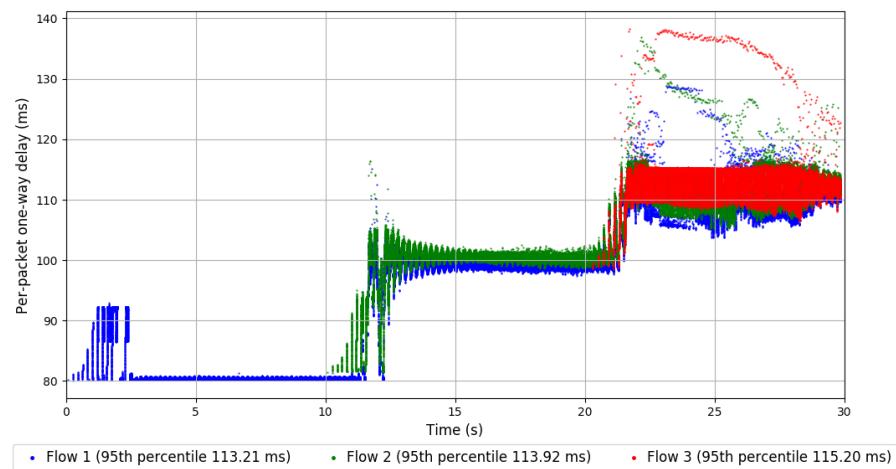
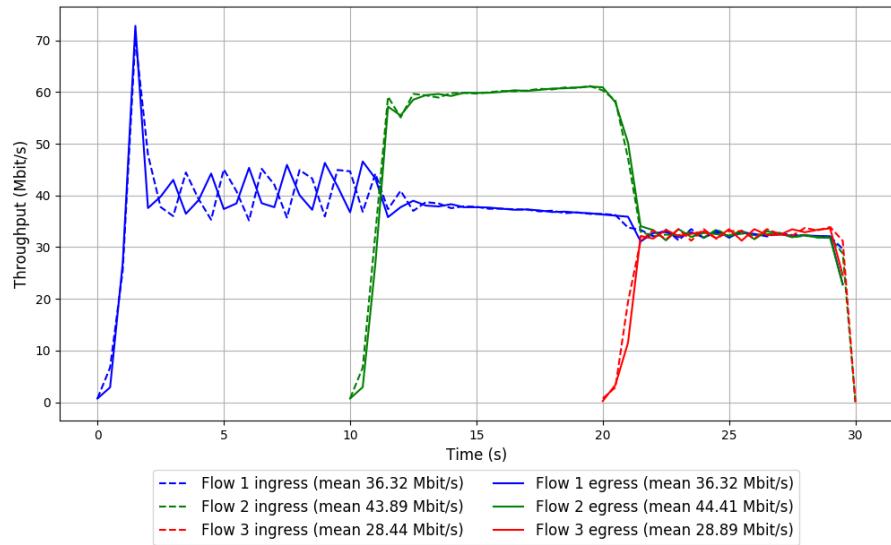


Run 9: Statistics of TCP Vegas

```
Start at: 2018-03-21 03:16:57
End at: 2018-03-21 03:17:27
Local clock offset: -5.478 ms
Remote clock offset: 1.263 ms

# Below is generated by plot.py at 2018-03-21 08:00:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 114.682 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 36.32 Mbit/s
95th percentile per-packet one-way delay: 113.209 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 44.41 Mbit/s
95th percentile per-packet one-way delay: 113.919 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 28.89 Mbit/s
95th percentile per-packet one-way delay: 115.198 ms
Loss rate: 2.50%
```

Run 9: Report of TCP Vegas — Data Link

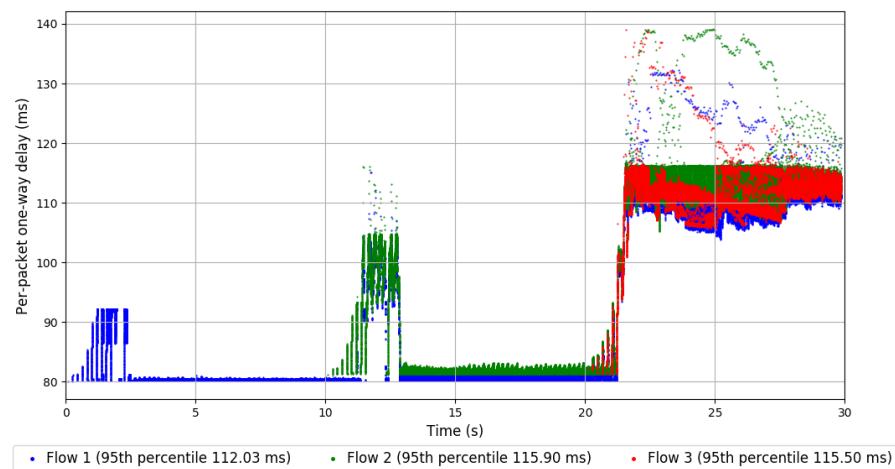
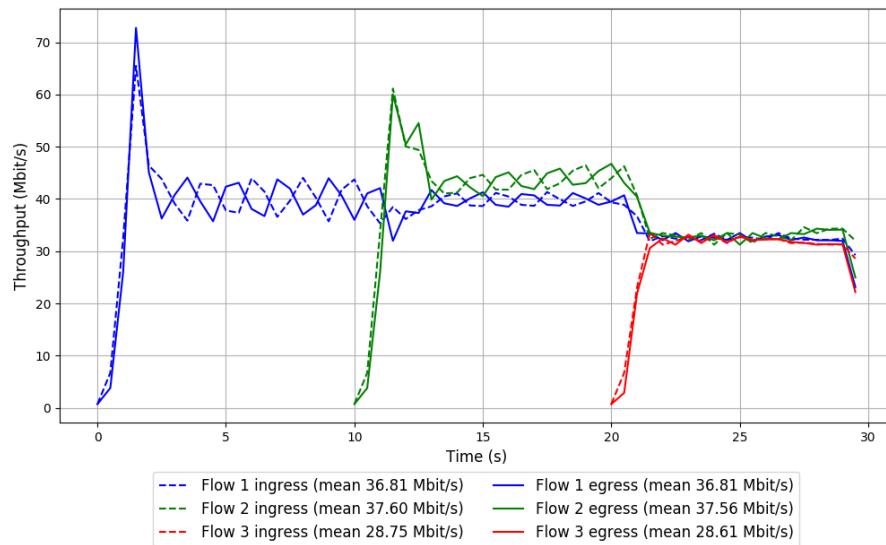


Run 10: Statistics of TCP Vegas

```
Start at: 2018-03-21 03:40:51
End at: 2018-03-21 03:41:21
Local clock offset: -5.602 ms
Remote clock offset: 0.323 ms

# Below is generated by plot.py at 2018-03-21 08:00:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.11 Mbit/s
95th percentile per-packet one-way delay: 115.122 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 112.032 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 115.896 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 115.504 ms
Loss rate: 2.34%
```

Run 10: Report of TCP Vegas — Data Link

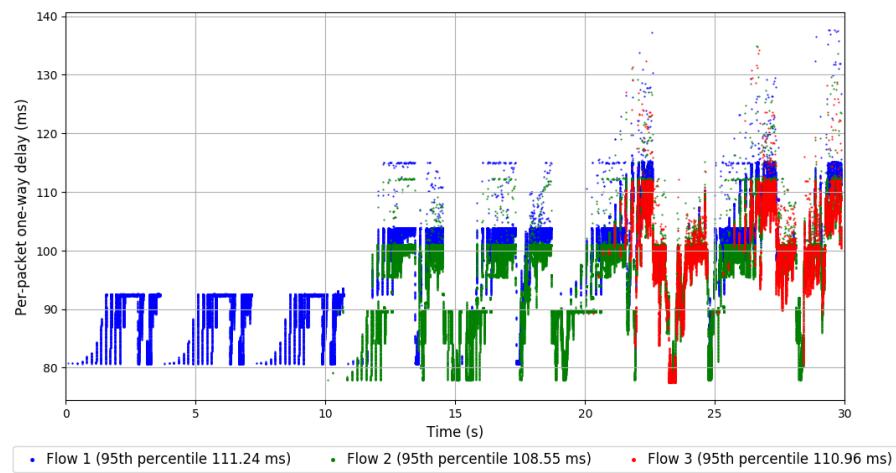
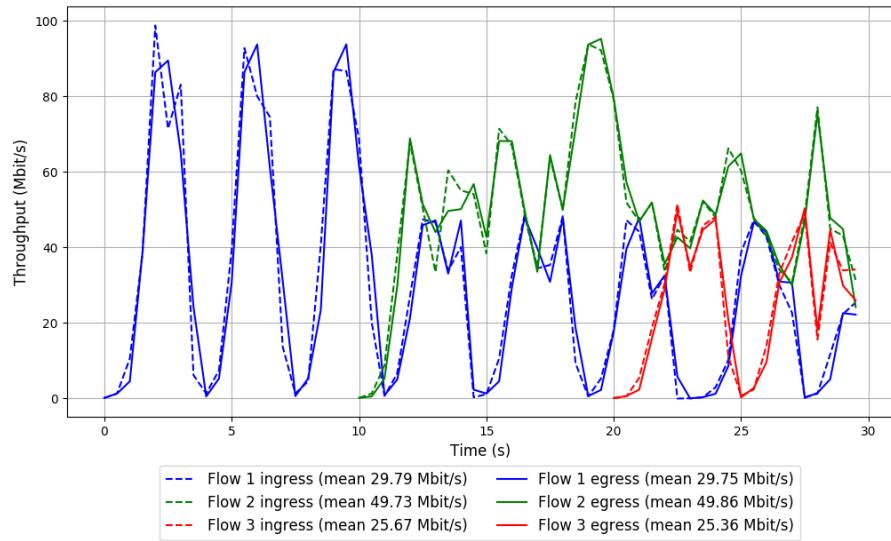


Run 1: Statistics of Verus

```
Start at: 2018-03-21 00:04:09
End at: 2018-03-21 00:04:39
Local clock offset: -13.744 ms
Remote clock offset: 9.021 ms

# Below is generated by plot.py at 2018-03-21 08:00:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 110.187 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 111.241 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 108.549 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 110.963 ms
Loss rate: 3.13%
```

Run 1: Report of Verus — Data Link

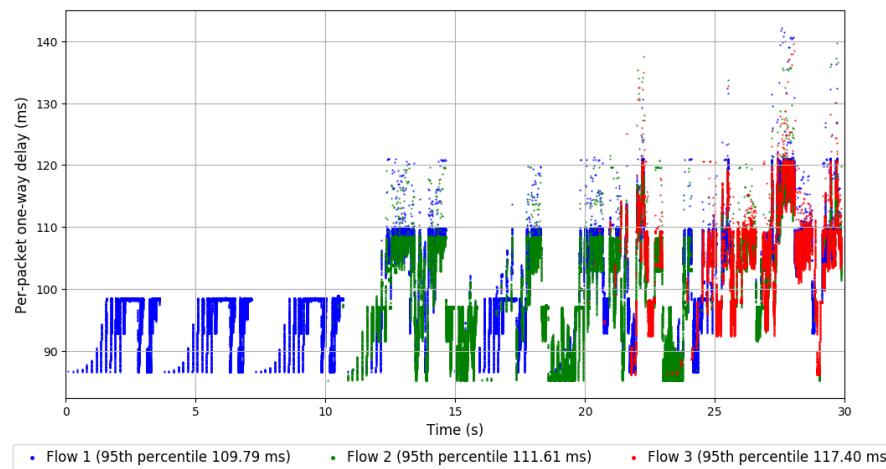
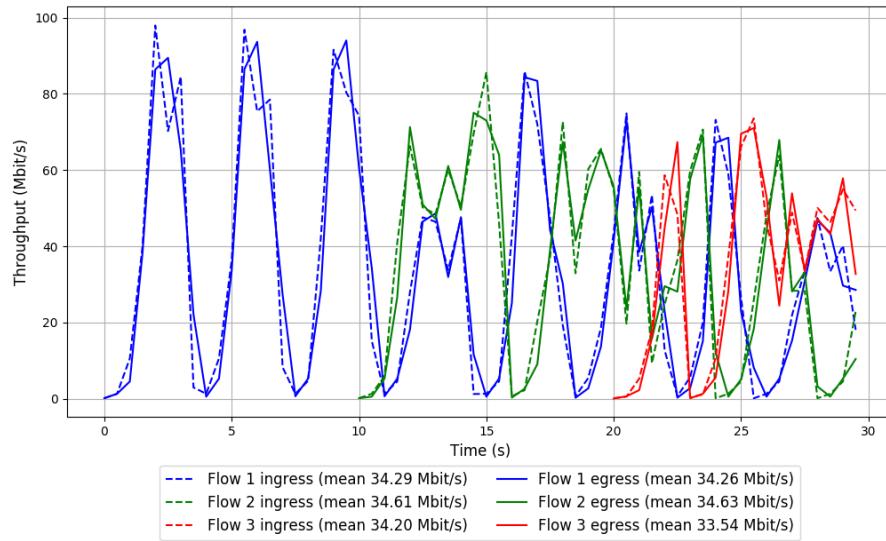


Run 2: Statistics of Verus

```
Start at: 2018-03-21 00:28:00
End at: 2018-03-21 00:28:30
Local clock offset: -14.194 ms
Remote clock offset: 2.43 ms

# Below is generated by plot.py at 2018-03-21 08:00:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 113.006 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 109.786 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 111.613 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 117.396 ms
Loss rate: 4.05%
```

Run 2: Report of Verus — Data Link

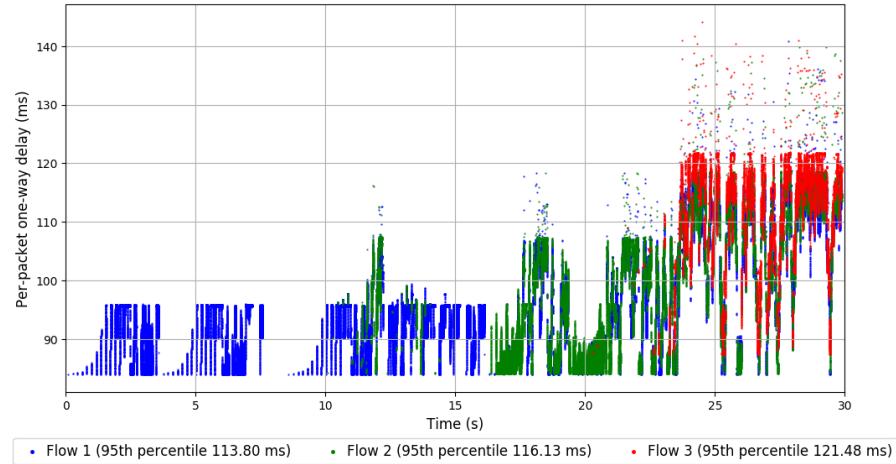
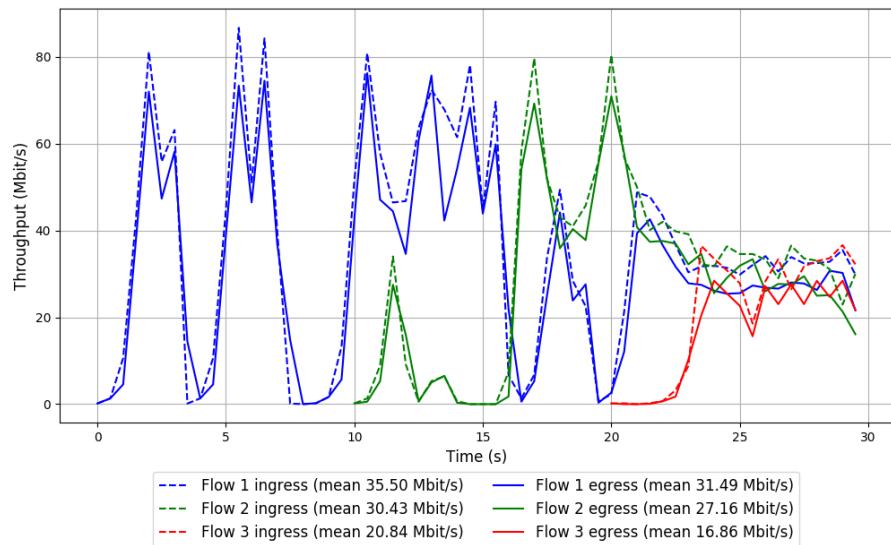


Run 3: Statistics of Verus

```
Start at: 2018-03-21 00:52:01
End at: 2018-03-21 00:52:31
Local clock offset: -14.248 ms
Remote clock offset: 0.804 ms

# Below is generated by plot.py at 2018-03-21 08:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.05 Mbit/s
95th percentile per-packet one-way delay: 117.040 ms
Loss rate: 12.77%
-- Flow 1:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 113.802 ms
Loss rate: 11.85%
-- Flow 2:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 116.128 ms
Loss rate: 11.65%
-- Flow 3:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 121.477 ms
Loss rate: 20.75%
```

Run 3: Report of Verus — Data Link

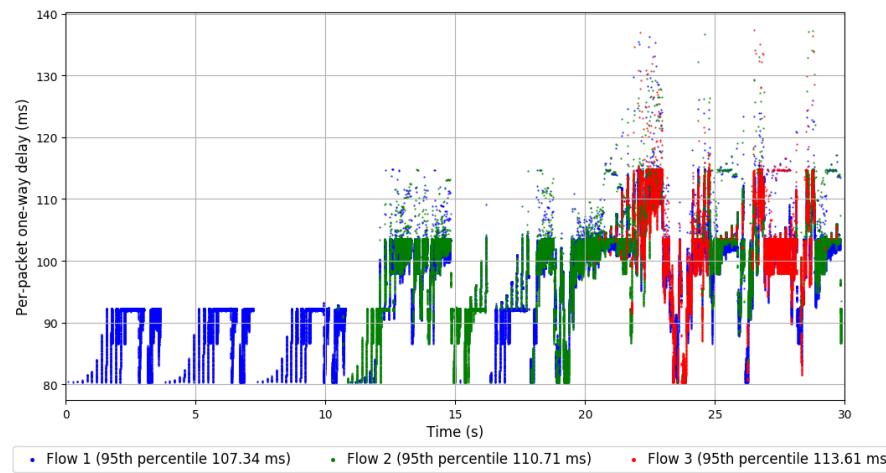
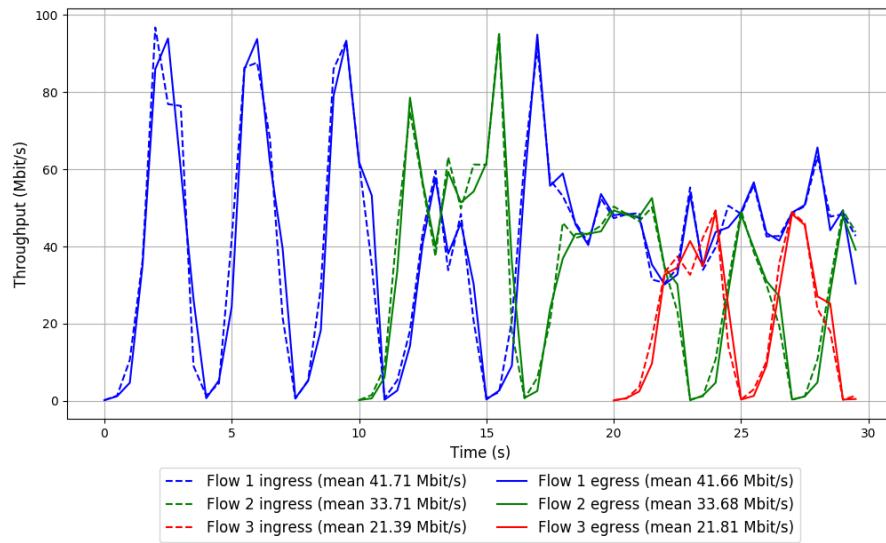


Run 4: Statistics of Verus

```
Start at: 2018-03-21 01:15:54
End at: 2018-03-21 01:16:24
Local clock offset: -14.254 ms
Remote clock offset: 5.669 ms

# Below is generated by plot.py at 2018-03-21 08:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.94 Mbit/s
95th percentile per-packet one-way delay: 110.487 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 107.337 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 110.712 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 21.81 Mbit/s
95th percentile per-packet one-way delay: 113.605 ms
Loss rate: 0.20%
```

Run 4: Report of Verus — Data Link

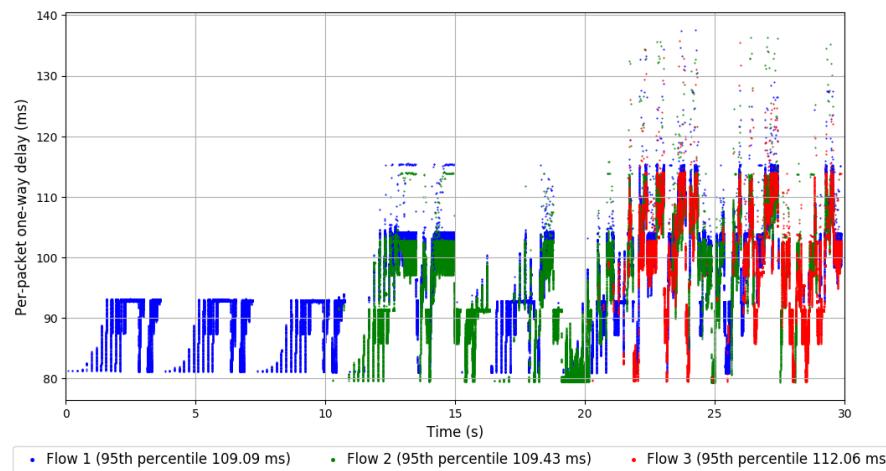
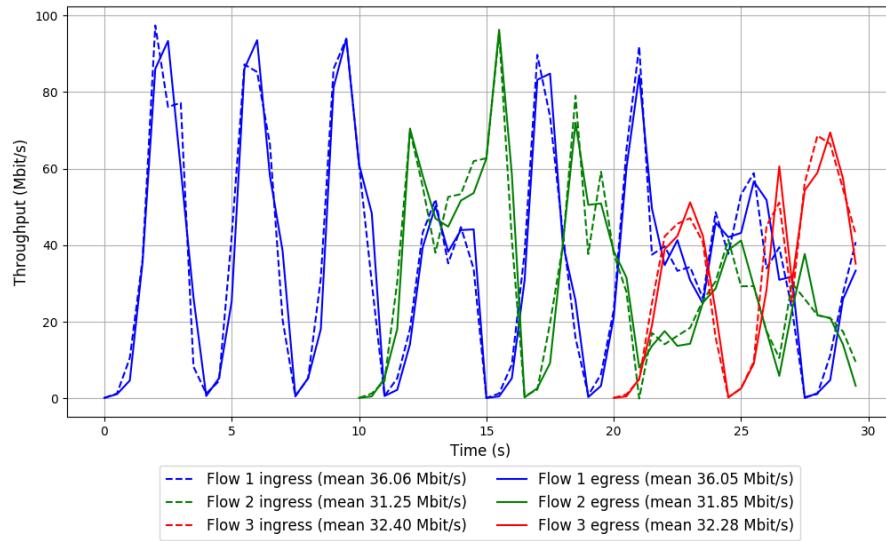


Run 5: Statistics of Verus

```
Start at: 2018-03-21 01:39:49
End at: 2018-03-21 01:40:19
Local clock offset: -12.764 ms
Remote clock offset: 4.798 ms

# Below is generated by plot.py at 2018-03-21 08:01:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.39 Mbit/s
95th percentile per-packet one-way delay: 109.970 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 109.088 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 109.429 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 112.065 ms
Loss rate: 2.53%
```

Run 5: Report of Verus — Data Link

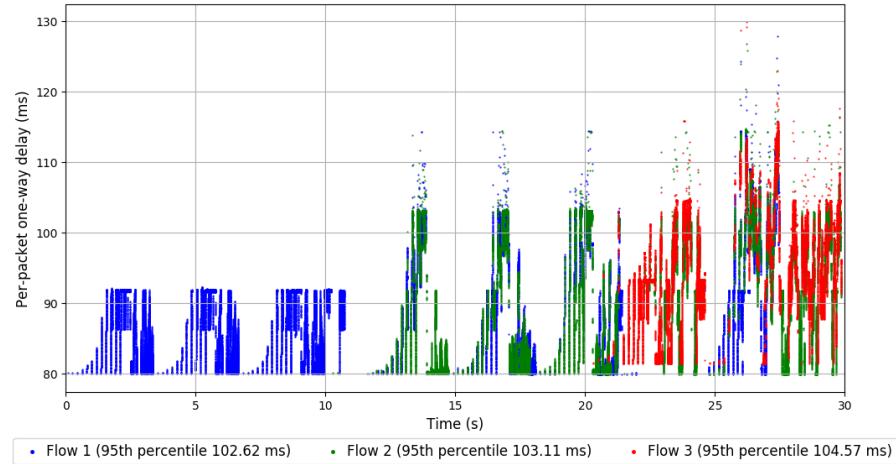
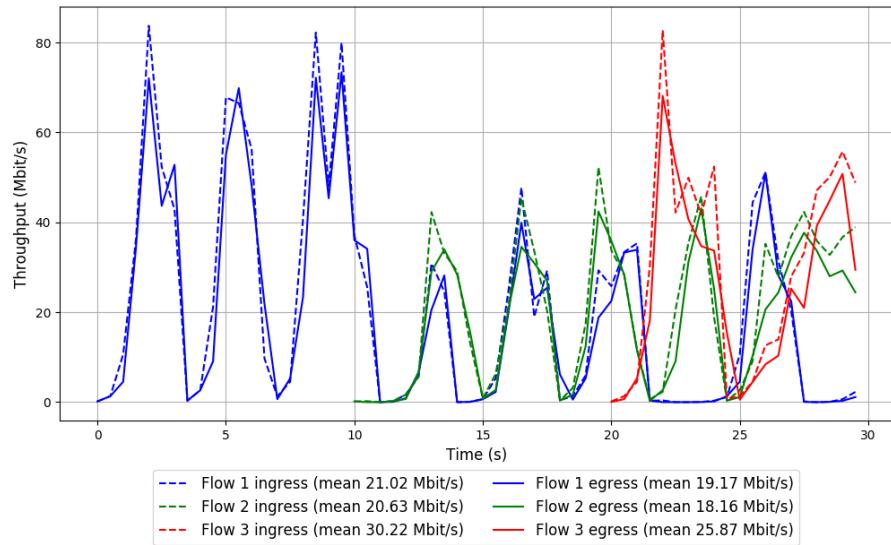


Run 6: Statistics of Verus

```
Start at: 2018-03-21 02:03:51
End at: 2018-03-21 02:04:21
Local clock offset: -3.027 ms
Remote clock offset: 3.935 ms

# Below is generated by plot.py at 2018-03-21 08:01:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 103.079 ms
Loss rate: 11.95%
-- Flow 1:
Average throughput: 19.17 Mbit/s
95th percentile per-packet one-way delay: 102.619 ms
Loss rate: 9.38%
-- Flow 2:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 103.115 ms
Loss rate: 12.81%
-- Flow 3:
Average throughput: 25.87 Mbit/s
95th percentile per-packet one-way delay: 104.573 ms
Loss rate: 16.13%
```

Run 6: Report of Verus — Data Link

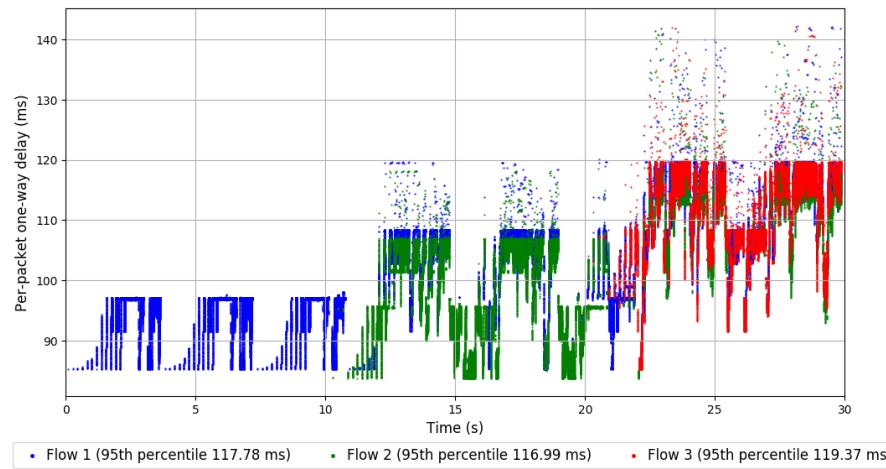
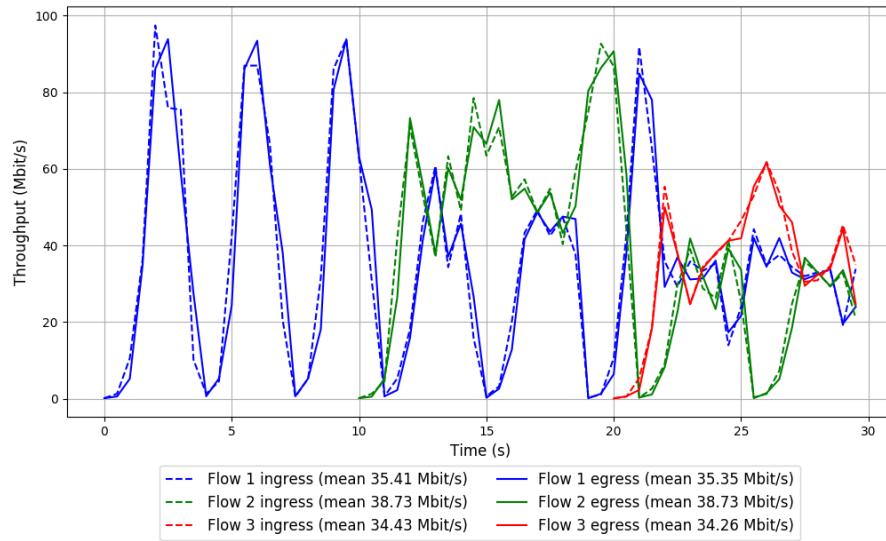


Run 7: Statistics of Verus

```
Start at: 2018-03-21 02:27:41
End at: 2018-03-21 02:28:11
Local clock offset: -4.452 ms
Remote clock offset: -0.853 ms

# Below is generated by plot.py at 2018-03-21 08:01:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 118.019 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 35.35 Mbit/s
95th percentile per-packet one-way delay: 117.779 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 116.991 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 119.373 ms
Loss rate: 2.72%
```

Run 7: Report of Verus — Data Link

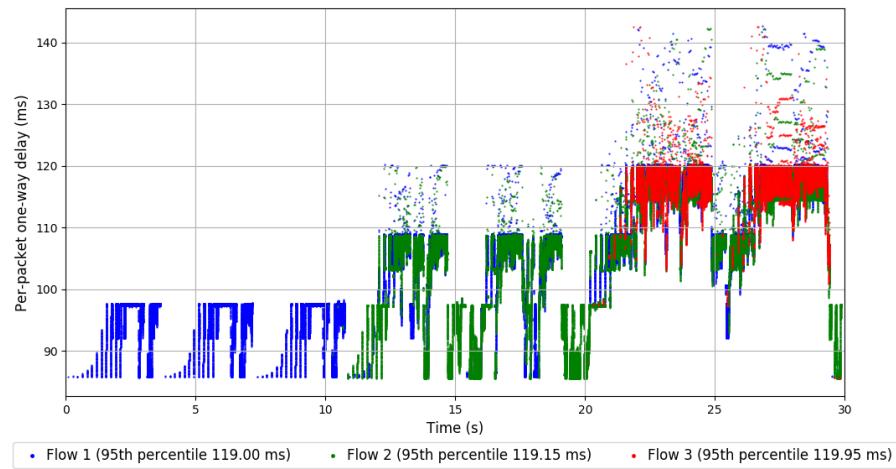
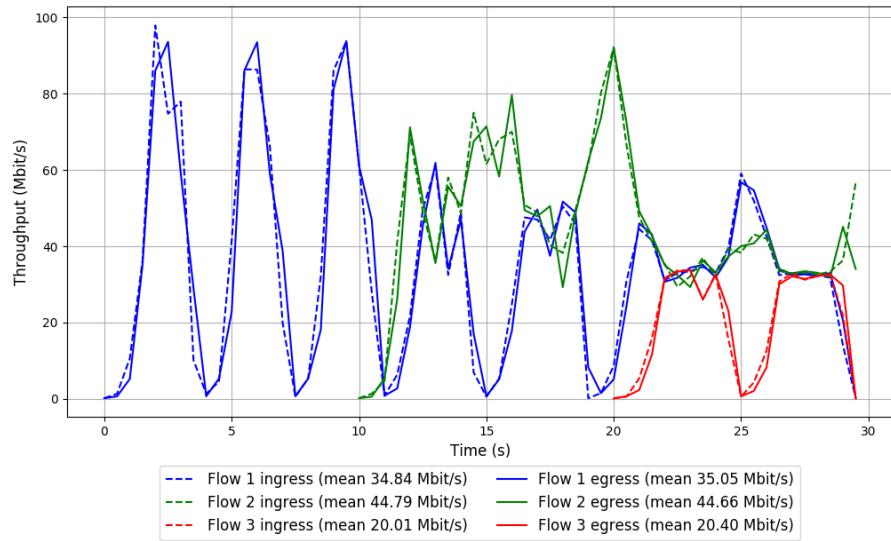


Run 8: Statistics of Verus

```
Start at: 2018-03-21 02:51:32
End at: 2018-03-21 02:52:02
Local clock offset: -4.742 ms
Remote clock offset: -1.779 ms

# Below is generated by plot.py at 2018-03-21 08:01:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.09 Mbit/s
95th percentile per-packet one-way delay: 119.588 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 35.05 Mbit/s
95th percentile per-packet one-way delay: 119.005 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 44.66 Mbit/s
95th percentile per-packet one-way delay: 119.151 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 119.955 ms
Loss rate: 0.05%
```

Run 8: Report of Verus — Data Link

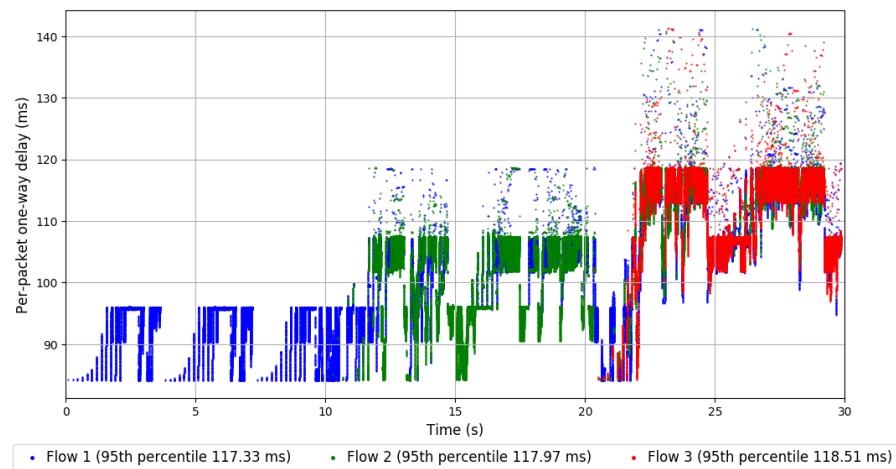
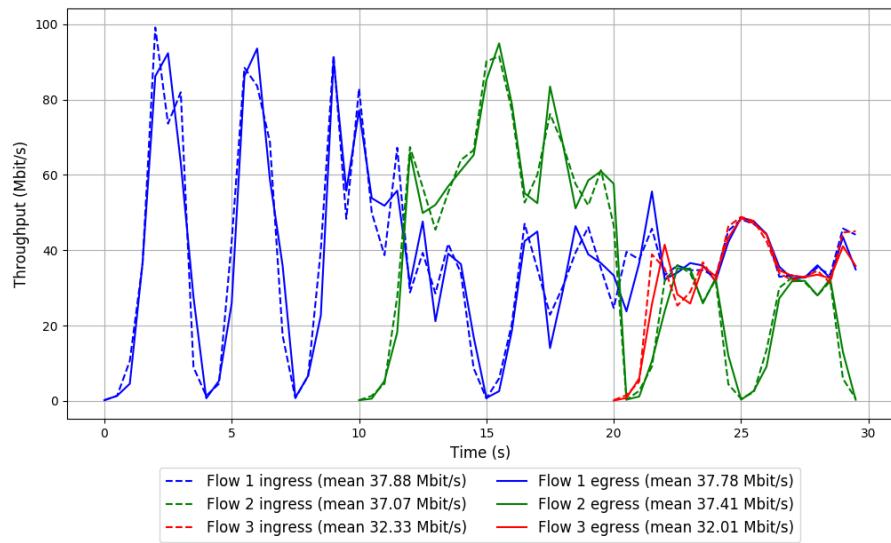


Run 9: Statistics of Verus

```
Start at: 2018-03-21 03:15:37
End at: 2018-03-21 03:16:07
Local clock offset: -5.556 ms
Remote clock offset: -2.666 ms

# Below is generated by plot.py at 2018-03-21 08:01:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.02 Mbit/s
95th percentile per-packet one-way delay: 118.033 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 37.78 Mbit/s
95th percentile per-packet one-way delay: 117.327 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 117.965 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 118.514 ms
Loss rate: 3.06%
```

Run 9: Report of Verus — Data Link

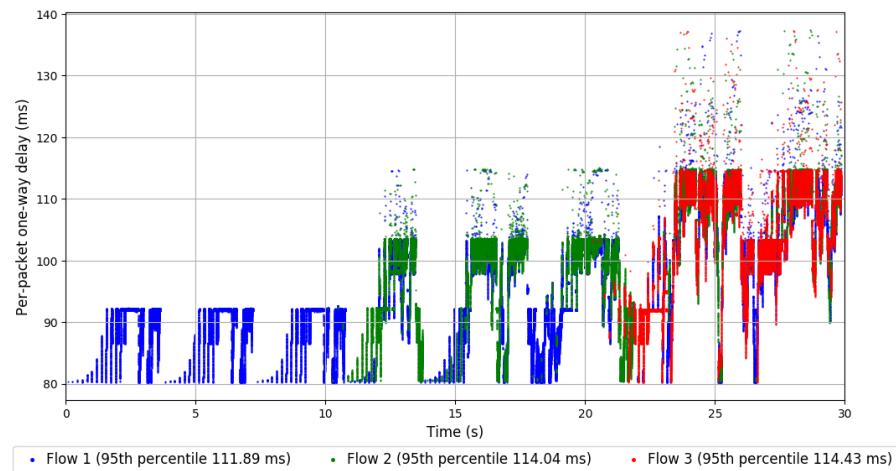
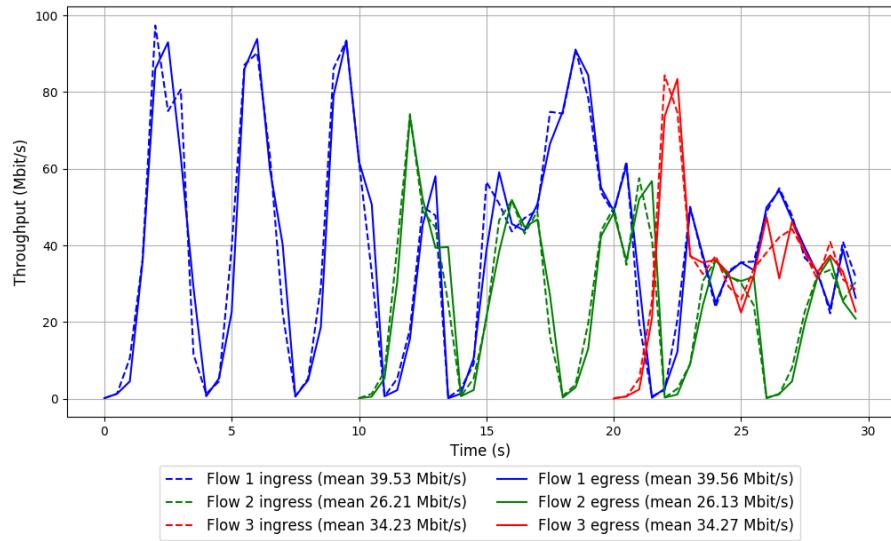


Run 10: Statistics of Verus

```
Start at: 2018-03-21 03:39:31
End at: 2018-03-21 03:40:01
Local clock offset: -5.541 ms
Remote clock offset: 0.343 ms

# Below is generated by plot.py at 2018-03-21 08:01:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 113.506 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 39.56 Mbit/s
95th percentile per-packet one-way delay: 111.886 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 26.13 Mbit/s
95th percentile per-packet one-way delay: 114.042 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 114.431 ms
Loss rate: 2.03%
```

Run 10: Report of Verus — Data Link

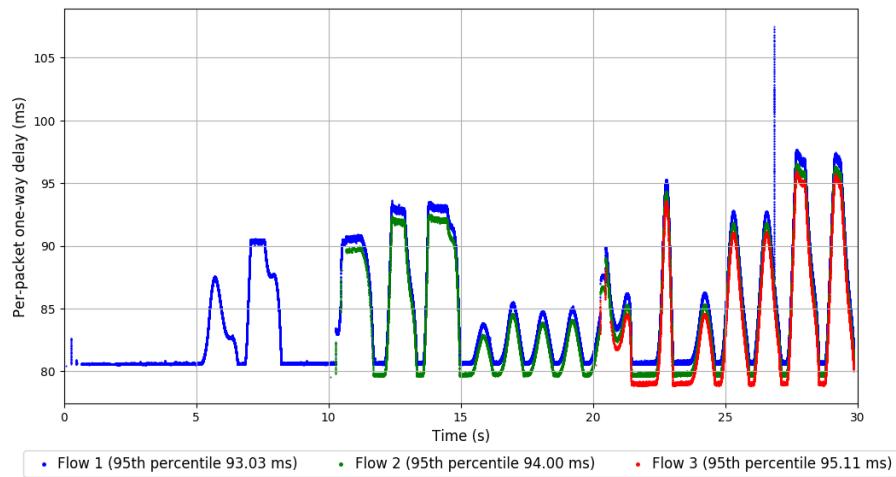
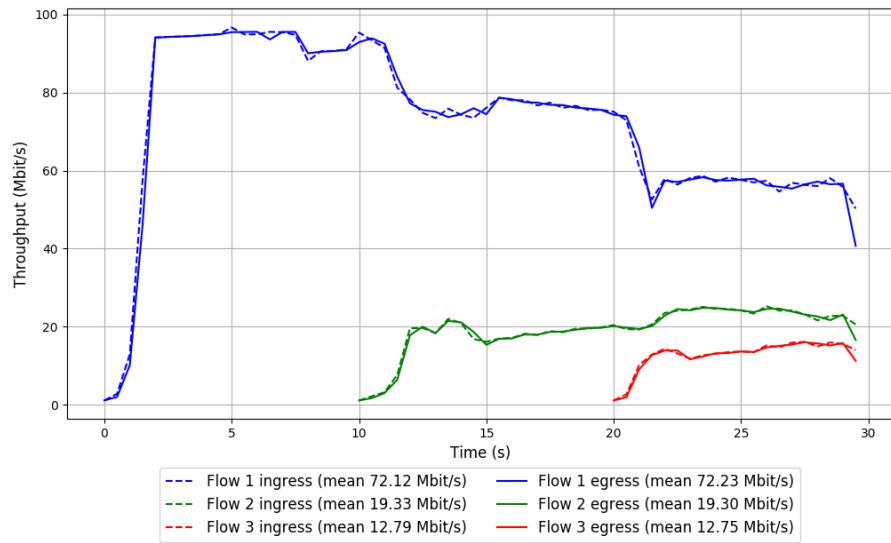


Run 1: Statistics of Copa

```
Start at: 2018-03-21 00:02:45
End at: 2018-03-21 00:03:15
Local clock offset: -13.685 ms
Remote clock offset: 8.981 ms

# Below is generated by plot.py at 2018-03-21 08:03:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 93.074 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 72.23 Mbit/s
95th percentile per-packet one-way delay: 93.030 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 93.998 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 95.110 ms
Loss rate: 2.16%
```

Run 1: Report of Copa — Data Link

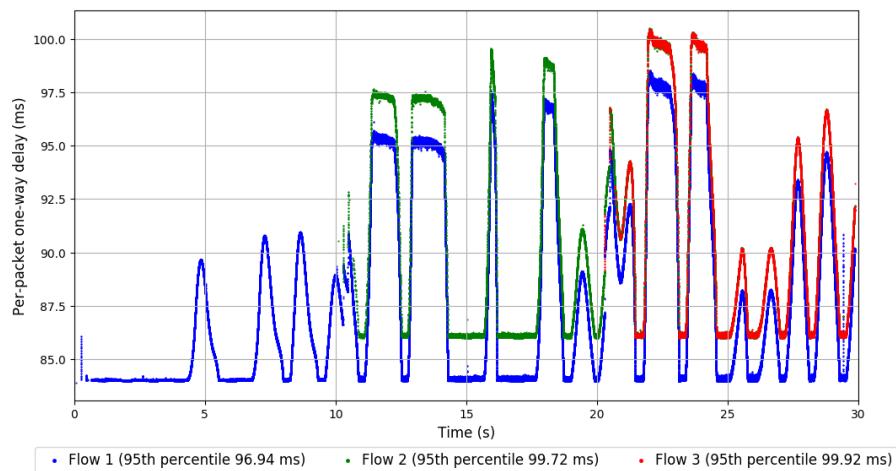
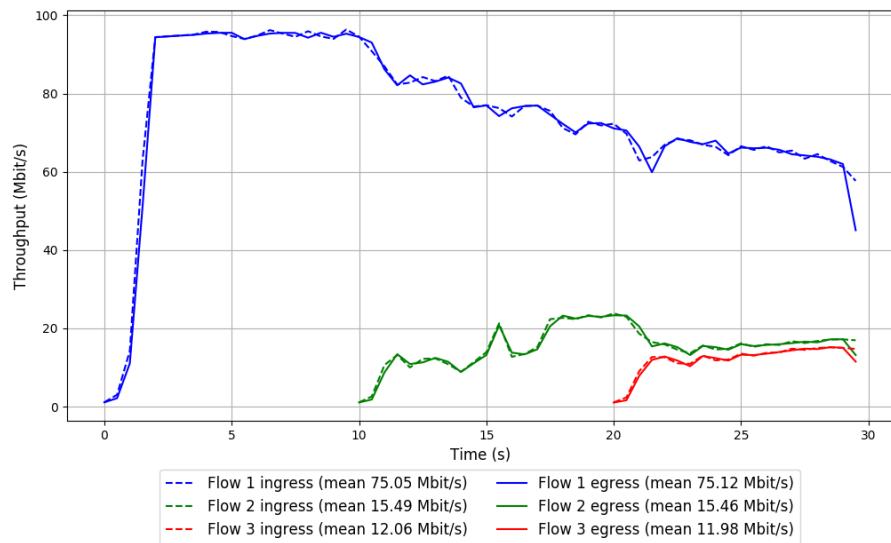


Run 2: Statistics of Copa

```
Start at: 2018-03-21 00:26:36
End at: 2018-03-21 00:27:06
Local clock offset: -14.253 ms
Remote clock offset: 1.655 ms

# Below is generated by plot.py at 2018-03-21 08:03:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 97.690 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 96.936 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 99.723 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 99.925 ms
Loss rate: 2.49%
```

Run 2: Report of Copa — Data Link

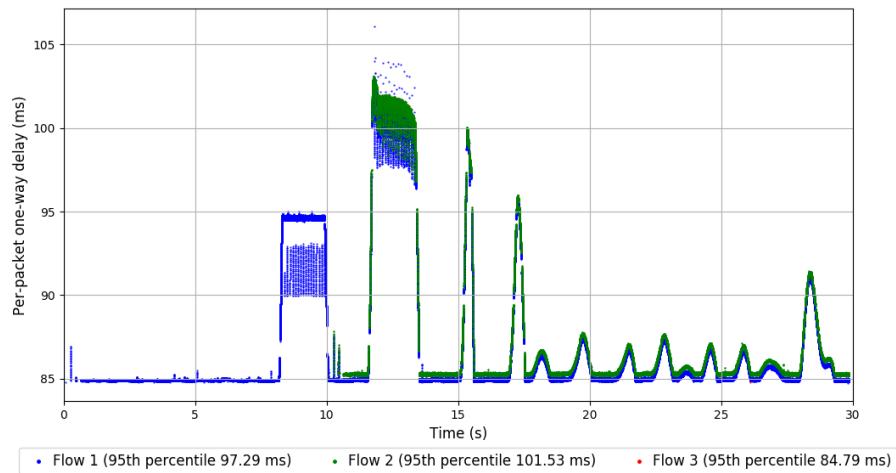
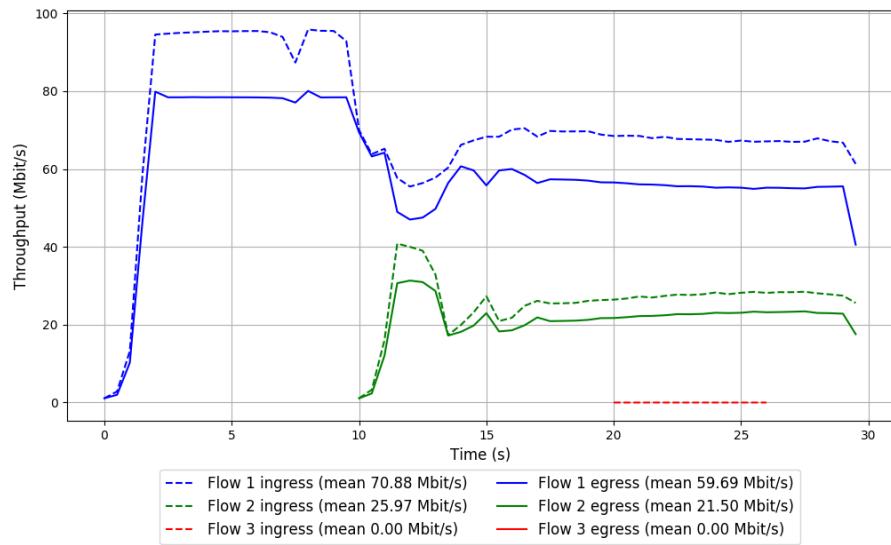


Run 3: Statistics of Copa

```
Start at: 2018-03-21 00:50:28
End at: 2018-03-21 00:50:59
Local clock offset: -14.236 ms
Remote clock offset: 1.666 ms

# Below is generated by plot.py at 2018-03-21 08:03:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.97 Mbit/s
95th percentile per-packet one-way delay: 100.136 ms
Loss rate: 16.63%
-- Flow 1:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 97.286 ms
Loss rate: 16.31%
-- Flow 2:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 101.534 ms
Loss rate: 17.96%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 84.786 ms
Loss rate: 75.00%
```

Run 3: Report of Copa — Data Link

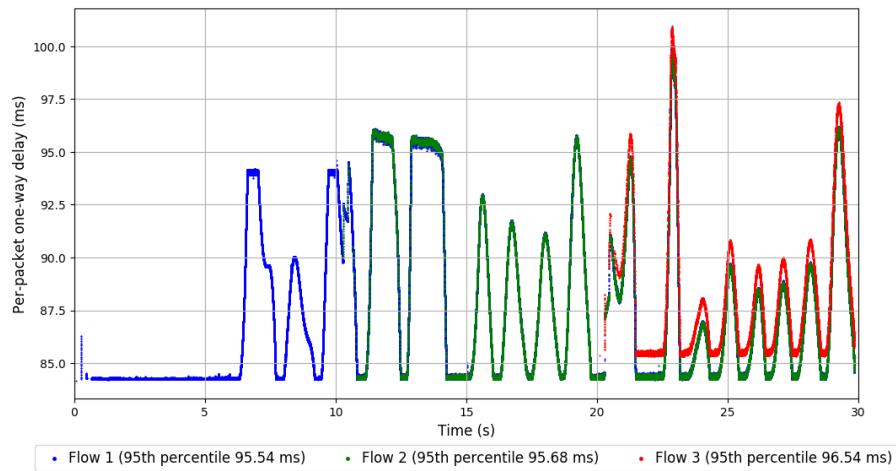
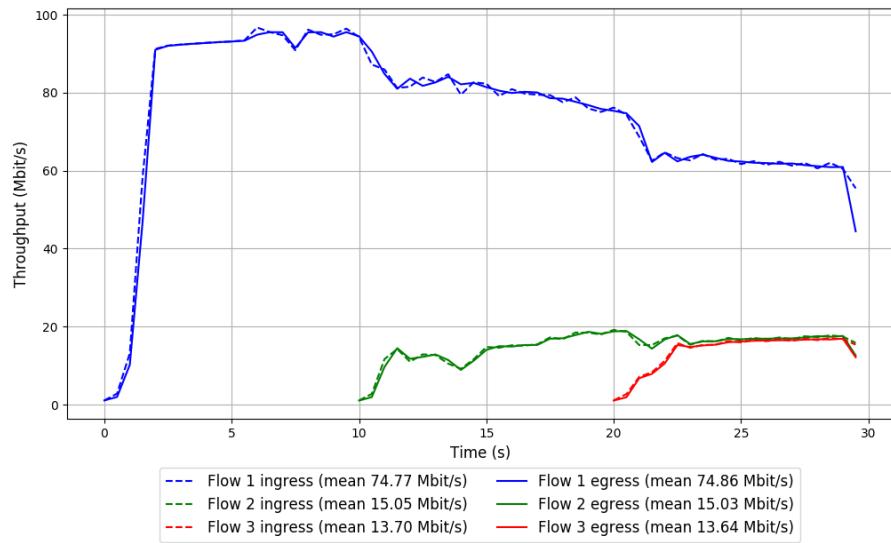


Run 4: Statistics of Copa

```
Start at: 2018-03-21 01:14:30
End at: 2018-03-21 01:15:00
Local clock offset: -14.298 ms
Remote clock offset: 1.79 ms

# Below is generated by plot.py at 2018-03-21 08:03:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.30 Mbit/s
95th percentile per-packet one-way delay: 95.567 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 74.86 Mbit/s
95th percentile per-packet one-way delay: 95.542 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 95.679 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 96.544 ms
Loss rate: 2.31%
```

Run 4: Report of Copa — Data Link

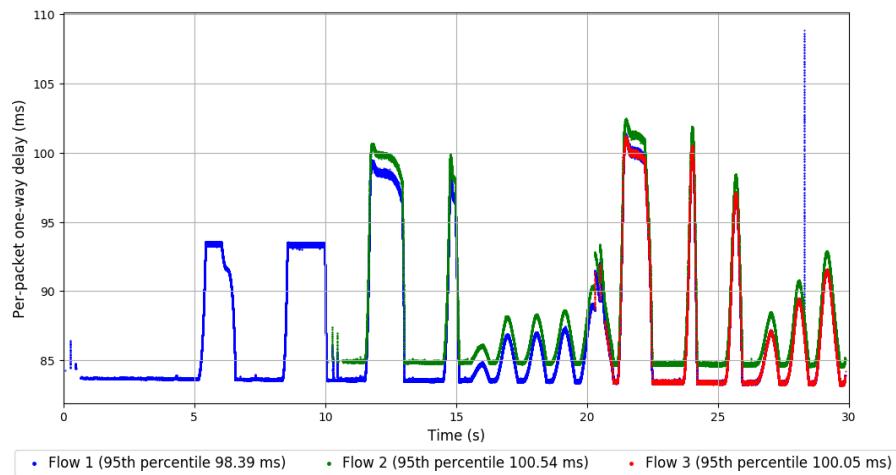
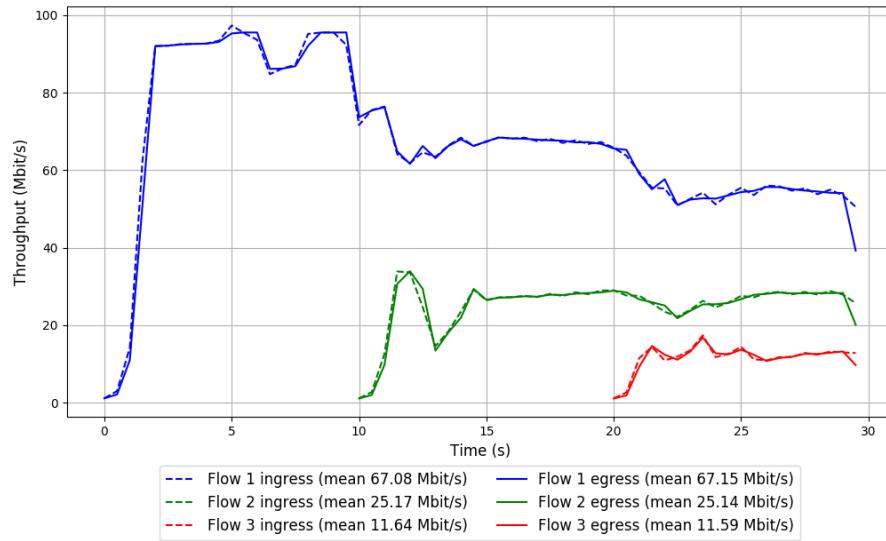


Run 5: Statistics of Copa

```
Start at: 2018-03-21 01:38:26
End at: 2018-03-21 01:38:56
Local clock offset: -14.188 ms
Remote clock offset: 0.965 ms

# Below is generated by plot.py at 2018-03-21 08:03:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 99.156 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 67.15 Mbit/s
95th percentile per-packet one-way delay: 98.390 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 100.537 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 100.045 ms
Loss rate: 2.29%
```

Run 5: Report of Copa — Data Link

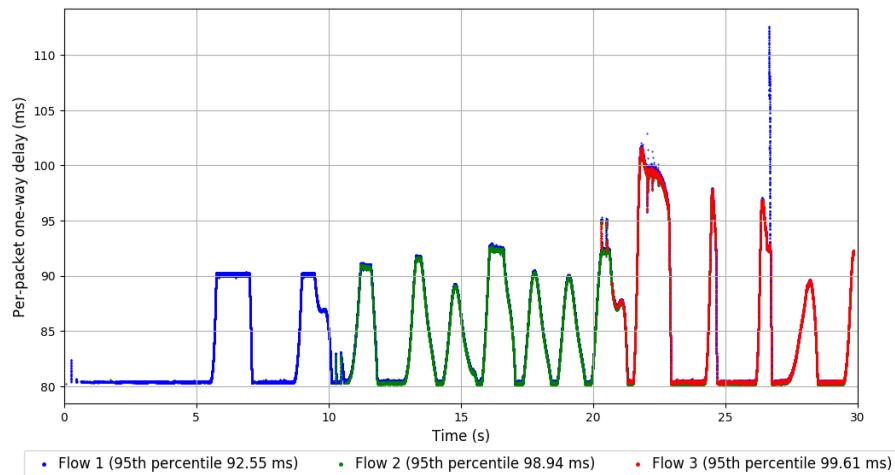
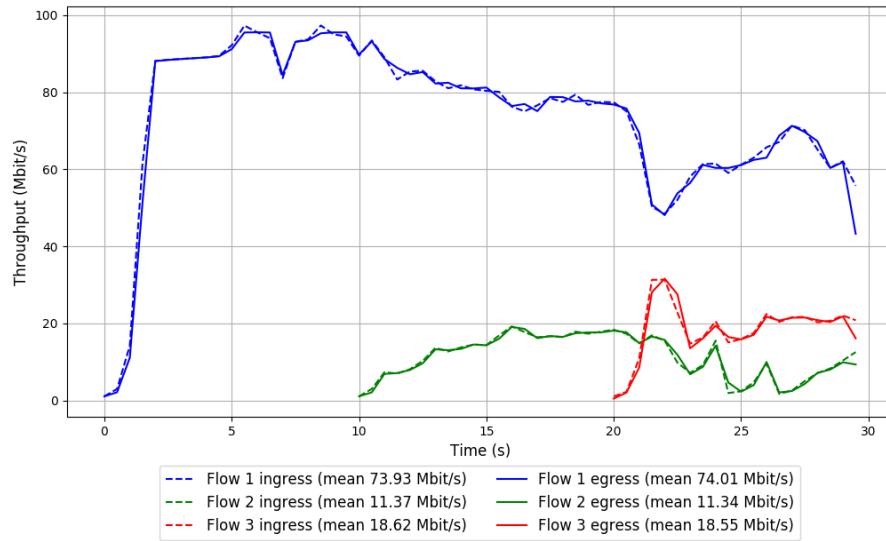


Run 6: Statistics of Copa

```
Start at: 2018-03-21 02:02:27
End at: 2018-03-21 02:02:57
Local clock offset: -3.32 ms
Remote clock offset: 3.882 ms

# Below is generated by plot.py at 2018-03-21 08:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 95.935 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 74.01 Mbit/s
95th percentile per-packet one-way delay: 92.547 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 11.34 Mbit/s
95th percentile per-packet one-way delay: 98.938 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 18.55 Mbit/s
95th percentile per-packet one-way delay: 99.615 ms
Loss rate: 2.27%
```

Run 6: Report of Copa — Data Link

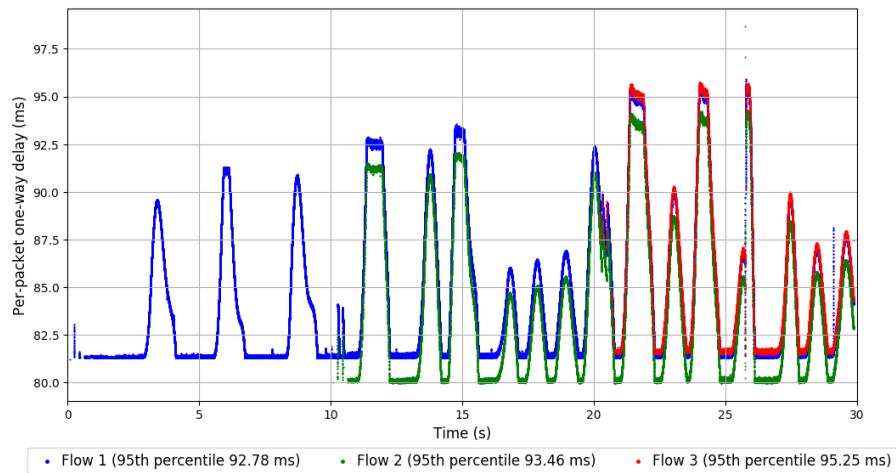
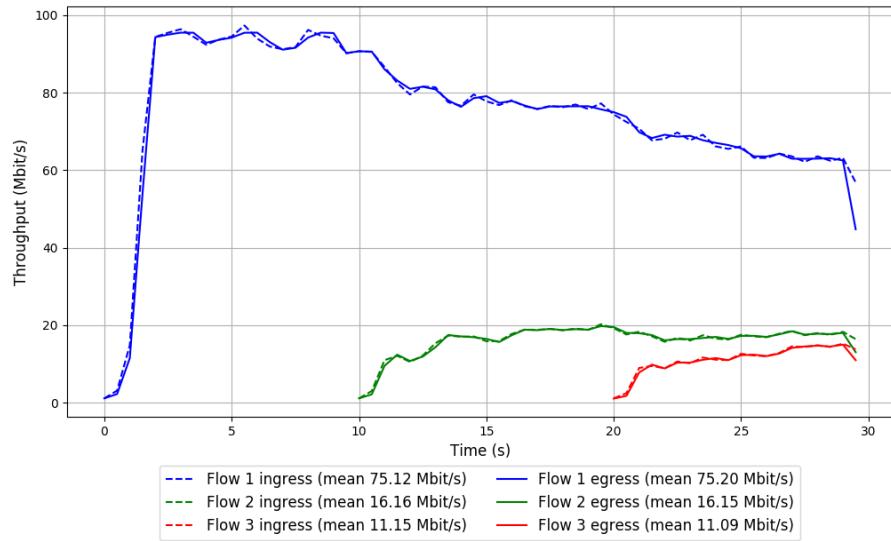


Run 7: Statistics of Copa

```
Start at: 2018-03-21 02:26:17
End at: 2018-03-21 02:26:47
Local clock offset: -4.414 ms
Remote clock offset: 3.121 ms

# Below is generated by plot.py at 2018-03-21 08:03:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 93.094 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 75.20 Mbit/s
95th percentile per-packet one-way delay: 92.779 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 93.458 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 95.251 ms
Loss rate: 2.47%
```

Run 7: Report of Copa — Data Link

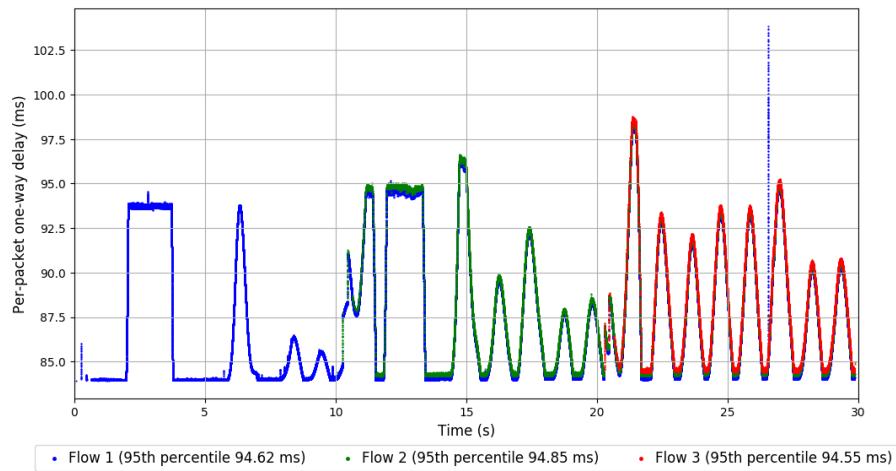
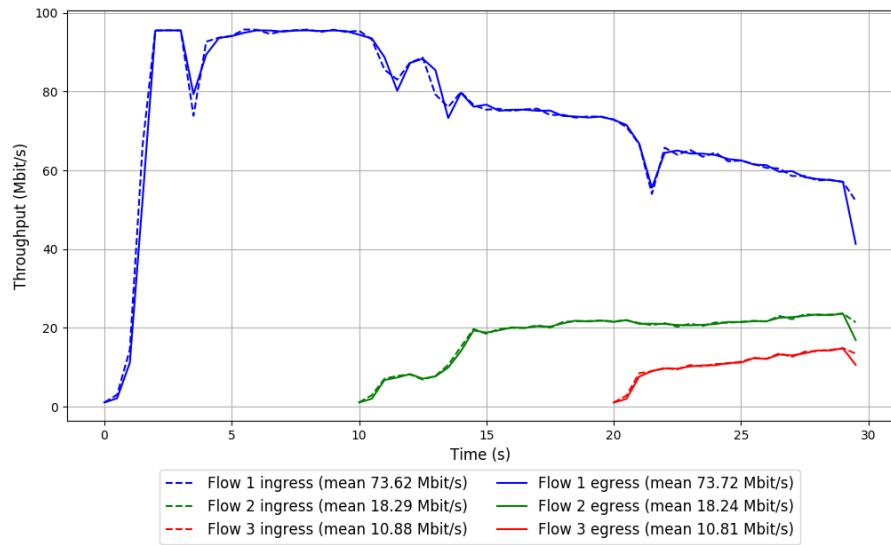


Run 8: Statistics of Copa

```
Start at: 2018-03-21 02:50:08
End at: 2018-03-21 02:50:38
Local clock offset: -4.539 ms
Remote clock offset: -1.669 ms

# Below is generated by plot.py at 2018-03-21 08:03:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 94.638 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 73.72 Mbit/s
95th percentile per-packet one-way delay: 94.620 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 94.853 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 94.553 ms
Loss rate: 2.51%
```

Run 8: Report of Copa — Data Link

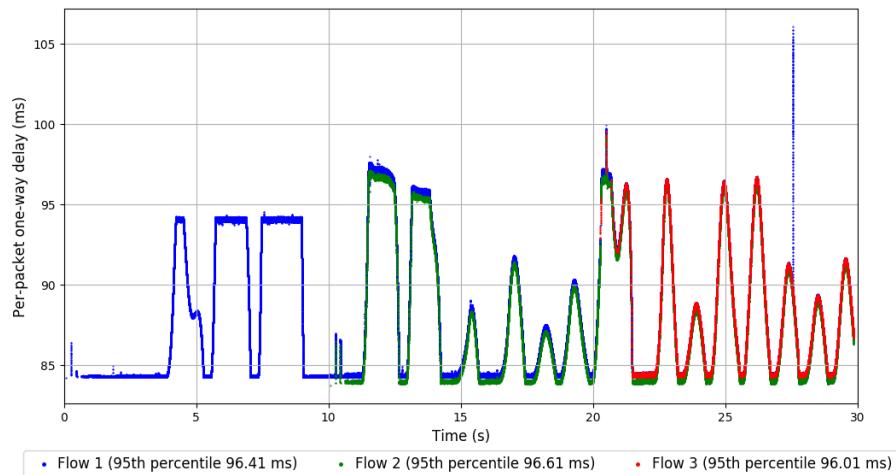
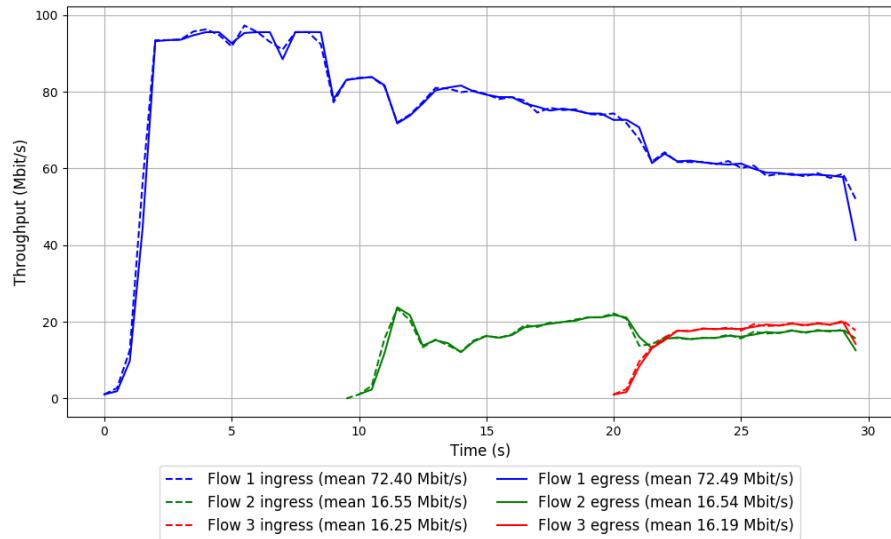


Run 9: Statistics of Copa

```
Start at: 2018-03-21 03:14:13
End at: 2018-03-21 03:14:43
Local clock offset: -5.503 ms
Remote clock offset: -2.551 ms

# Below is generated by plot.py at 2018-03-21 08:05:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 96.437 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 96.407 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 96.614 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 16.19 Mbit/s
95th percentile per-packet one-way delay: 96.007 ms
Loss rate: 2.22%
```

Run 9: Report of Copa — Data Link

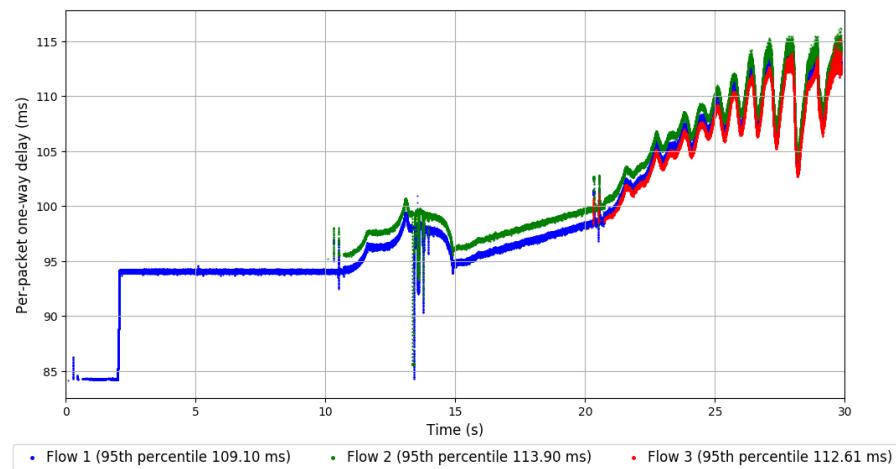
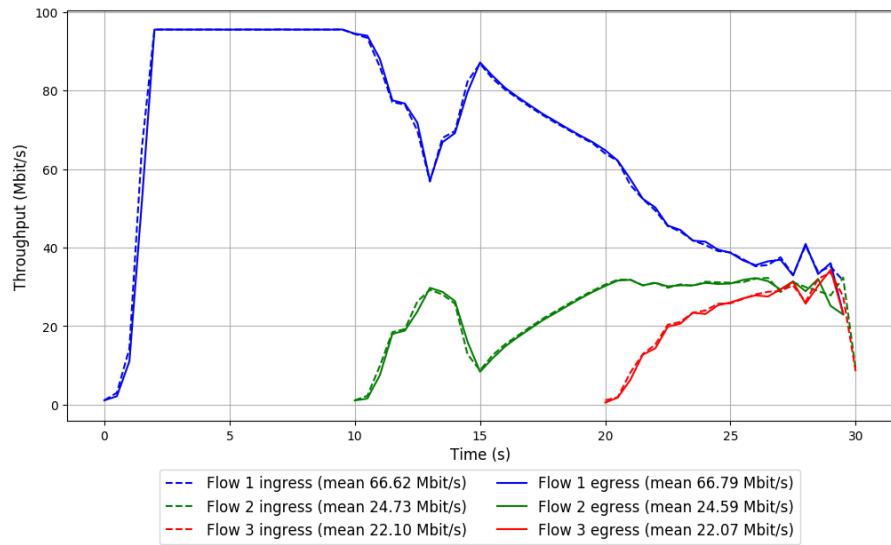


Run 10: Statistics of Copa

```
Start at: 2018-03-21 03:38:07
End at: 2018-03-21 03:38:37
Local clock offset: -5.577 ms
Remote clock offset: -3.463 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 111.933 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 66.79 Mbit/s
95th percentile per-packet one-way delay: 109.099 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 113.902 ms
Loss rate: 2.55%
-- Flow 3:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 112.613 ms
Loss rate: 4.47%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-20 23:50:47
End at: 2018-03-20 23:51:17
Local clock offset: -13.212 ms
Remote clock offset: 9.71 ms

Run 1: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of FillP

Start at: 2018-03-21 00:14:48
End at: 2018-03-21 00:15:18
Local clock offset: -14.02 ms
Remote clock offset: 8.687 ms

Run 2: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of FillP

Start at: 2018-03-21 00:38:40
End at: 2018-03-21 00:39:10
Local clock offset: -14.173 ms
Remote clock offset: 2.147 ms

Run 3: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of FillP

Start at: 2018-03-21 01:02:41

End at: 2018-03-21 01:03:11

Local clock offset: -14.21 ms

Remote clock offset: 5.304 ms

Run 4: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of FillP

Start at: 2018-03-21 01:26:34
End at: 2018-03-21 01:27:04
Local clock offset: -14.286 ms
Remote clock offset: 1.432 ms

Run 5: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of FillP

Start at: 2018-03-21 01:50:29
End at: 2018-03-21 01:50:59
Local clock offset: -6.461 ms
Remote clock offset: 0.522 ms

Run 6: Report of FillP — Data Link

Figure is missing

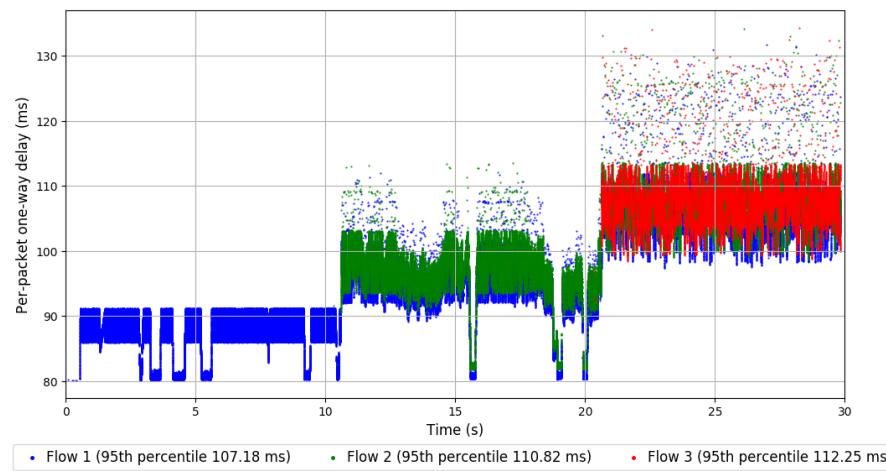
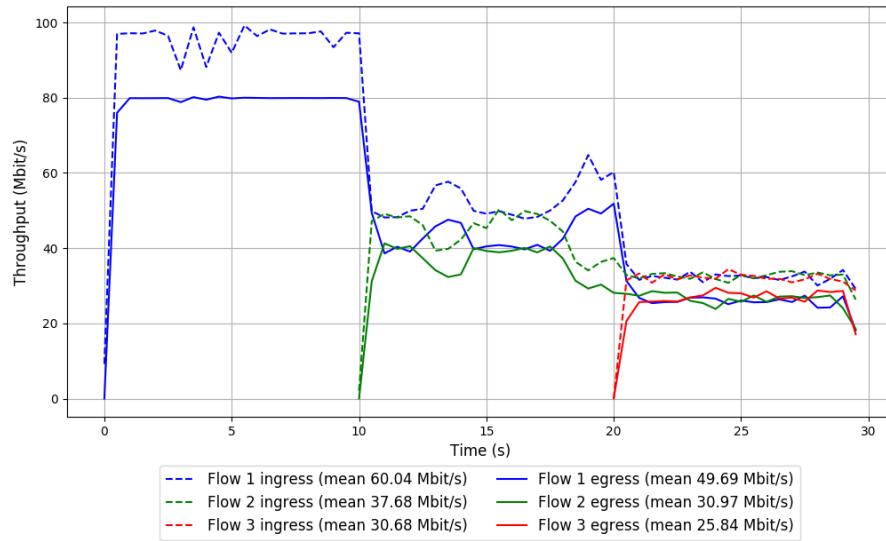
Figure is missing

Run 7: Statistics of FillP

```
Start at: 2018-03-21 02:14:27
End at: 2018-03-21 02:14:57
Local clock offset: -2.487 ms
Remote clock offset: 3.606 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.65 Mbit/s
95th percentile per-packet one-way delay: 109.902 ms
Loss rate: 18.01%
-- Flow 1:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 107.183 ms
Loss rate: 17.80%
-- Flow 2:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 110.823 ms
Loss rate: 18.69%
-- Flow 3:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 112.245 ms
Loss rate: 17.59%
```

Run 7: Report of FillP — Data Link

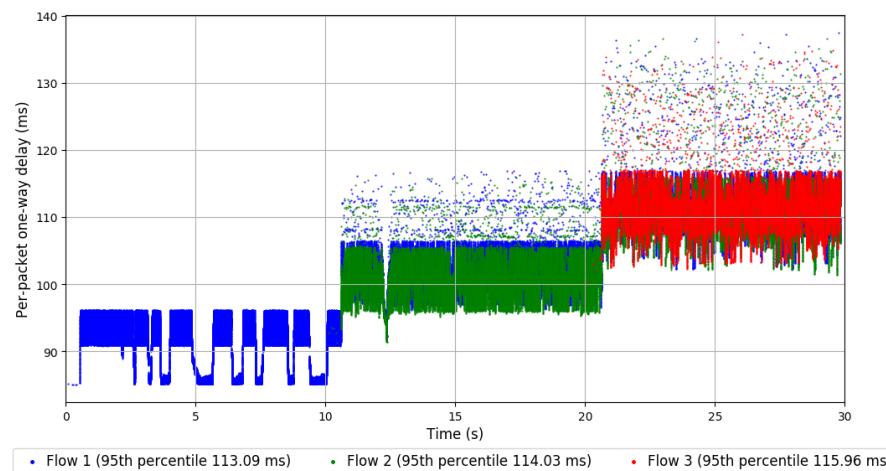
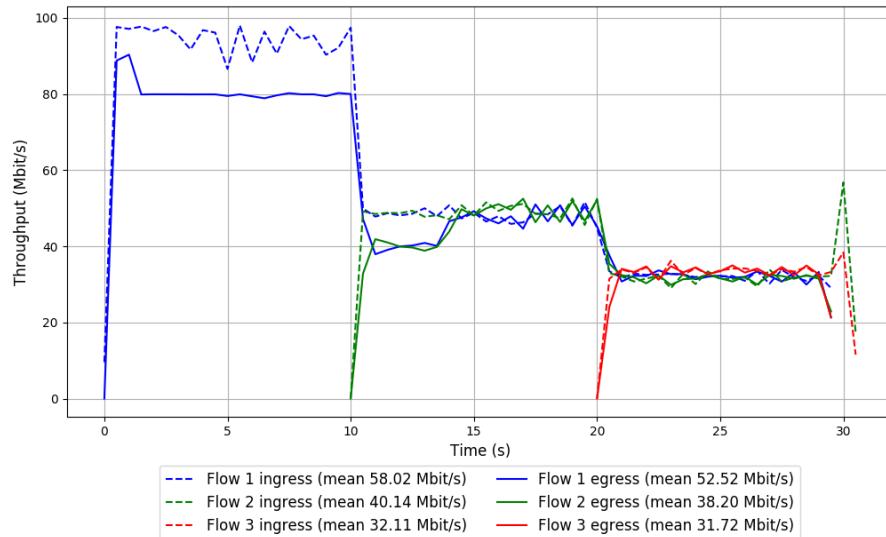


Run 8: Statistics of FillP

```
Start at: 2018-03-21 02:38:19
End at: 2018-03-21 02:38:49
Local clock offset: -4.244 ms
Remote clock offset: -1.214 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.21 Mbit/s
95th percentile per-packet one-way delay: 114.210 ms
Loss rate: 9.84%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 113.094 ms
Loss rate: 10.12%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 114.033 ms
Loss rate: 9.16%
-- Flow 3:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 115.960 ms
Loss rate: 10.05%
```

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-21 03:02:15
End at: 2018-03-21 03:02:45
Local clock offset: -5.46 ms
Remote clock offset: -2.088 ms

Run 9: Report of FillP — Data Link

Figure is missing

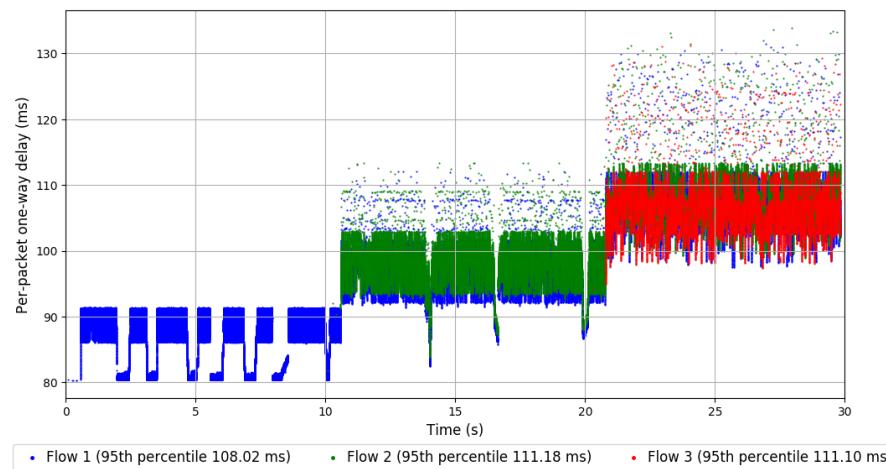
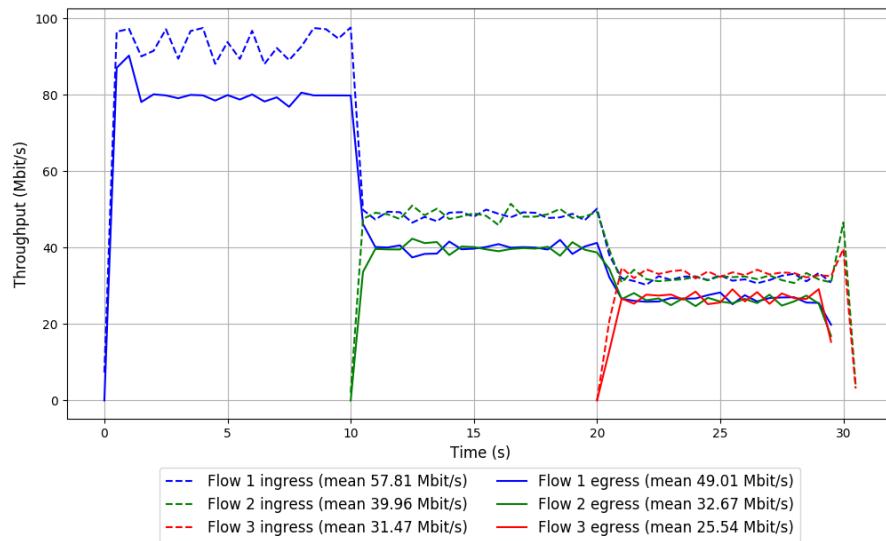
Figure is missing

Run 10: Statistics of FillP

```
Start at: 2018-03-21 03:26:17
End at: 2018-03-21 03:26:47
Local clock offset: -5.584 ms
Remote clock offset: 0.906 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 109.904 ms
Loss rate: 18.63%
-- Flow 1:
Average throughput: 49.01 Mbit/s
95th percentile per-packet one-way delay: 108.016 ms
Loss rate: 15.85%
-- Flow 2:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 111.184 ms
Loss rate: 21.45%
-- Flow 3:
Average throughput: 25.54 Mbit/s
95th percentile per-packet one-way delay: 111.100 ms
Loss rate: 26.22%
```

Run 10: Report of FillP — Data Link

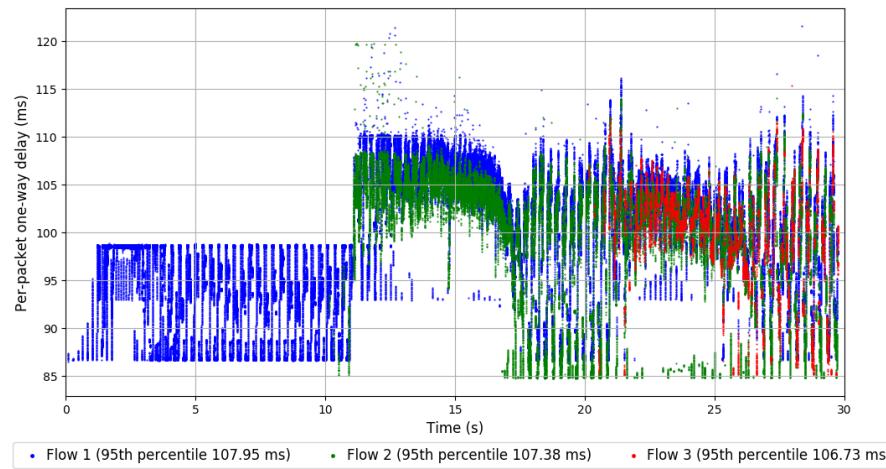
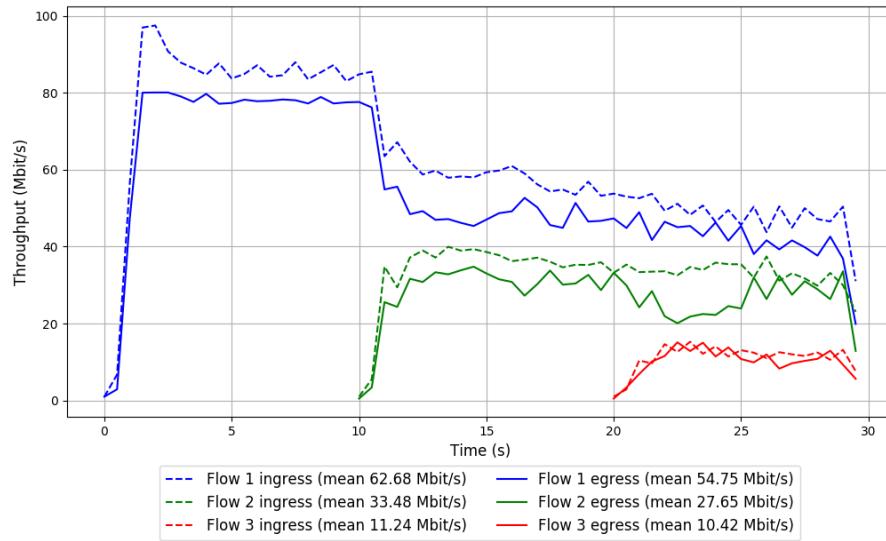


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-03-20 23:57:14
End at: 2018-03-20 23:57:44
Local clock offset: -13.292 ms
Remote clock offset: 3.593 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 107.776 ms
Loss rate: 14.28%
-- Flow 1:
Average throughput: 54.75 Mbit/s
95th percentile per-packet one-way delay: 107.952 ms
Loss rate: 13.19%
-- Flow 2:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 107.378 ms
Loss rate: 18.21%
-- Flow 3:
Average throughput: 10.42 Mbit/s
95th percentile per-packet one-way delay: 106.733 ms
Loss rate: 9.22%
```

Run 1: Report of Indigo-1-32 — Data Link

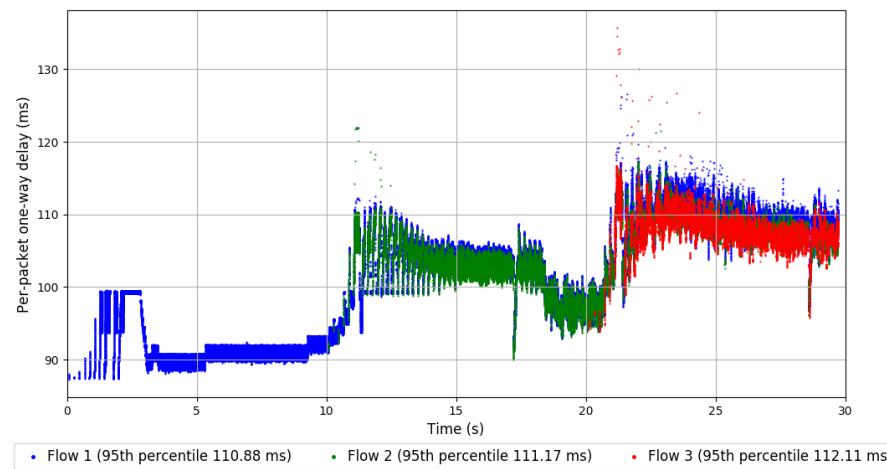
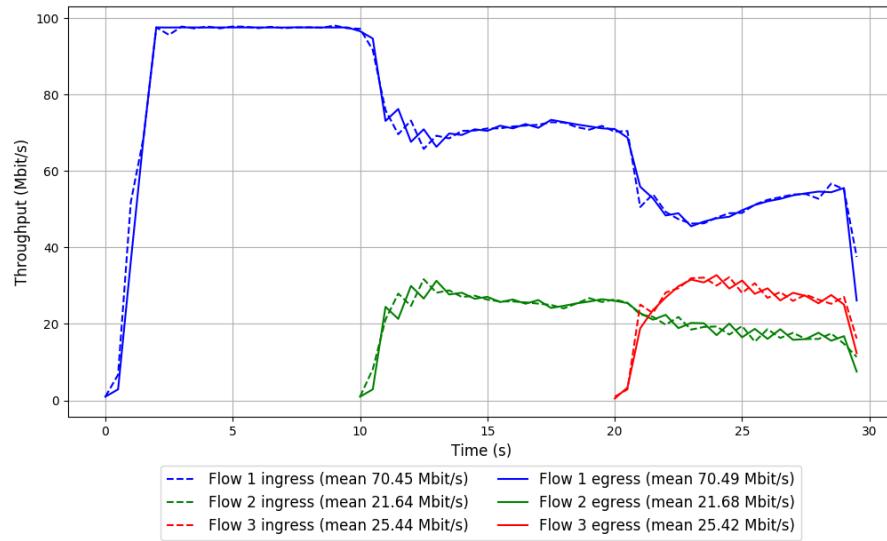


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-03-21 00:21:15
End at: 2018-03-21 00:21:45
Local clock offset: -14.101 ms
Remote clock offset: 1.919 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 111.142 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 70.49 Mbit/s
95th percentile per-packet one-way delay: 110.879 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 111.165 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 112.112 ms
Loss rate: 2.02%
```

Run 2: Report of Indigo-1-32 — Data Link

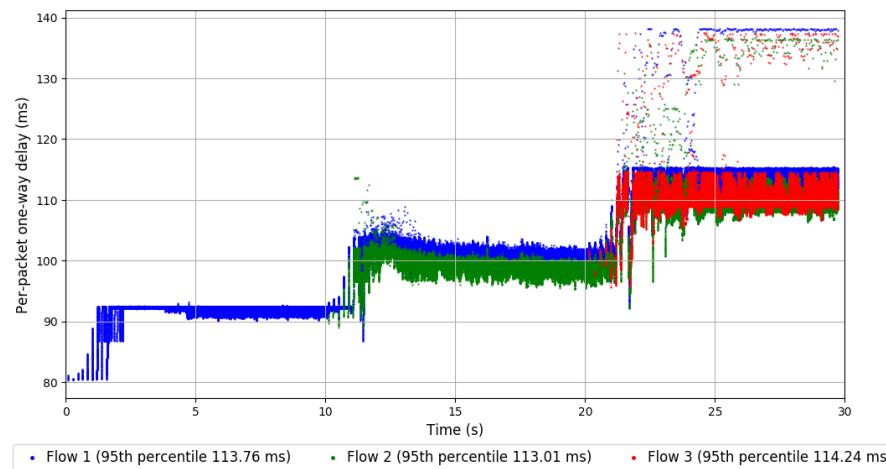
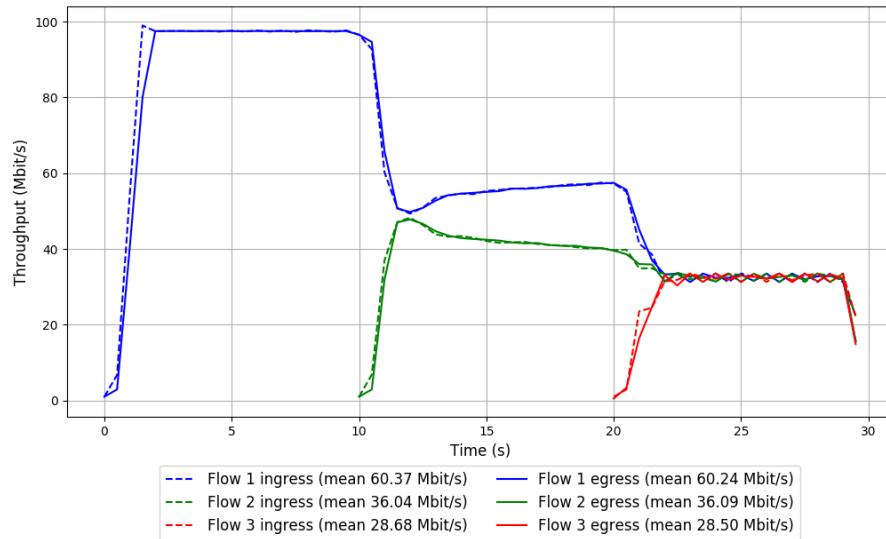


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-03-21 00:45:08
End at: 2018-03-21 00:45:38
Local clock offset: -14.166 ms
Remote clock offset: 6.704 ms

# Below is generated by plot.py at 2018-03-21 08:05:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.31 Mbit/s
95th percentile per-packet one-way delay: 113.566 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 60.24 Mbit/s
95th percentile per-packet one-way delay: 113.756 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 113.011 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 114.239 ms
Loss rate: 2.69%
```

Run 3: Report of Indigo-1-32 — Data Link

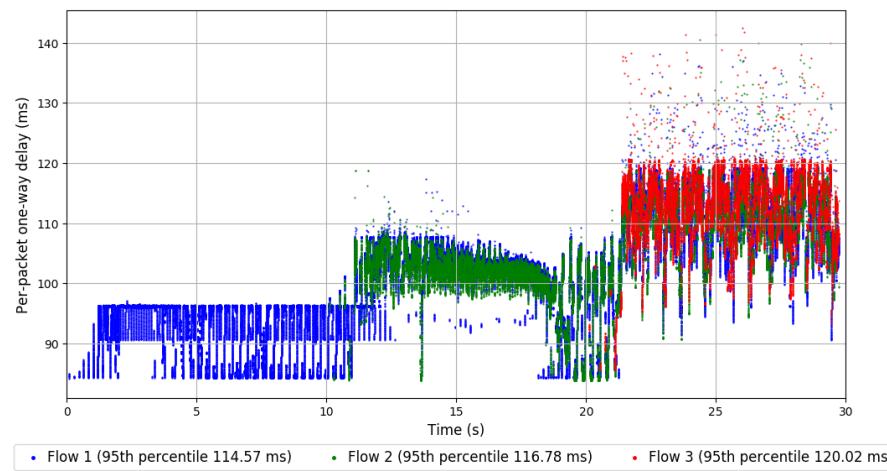
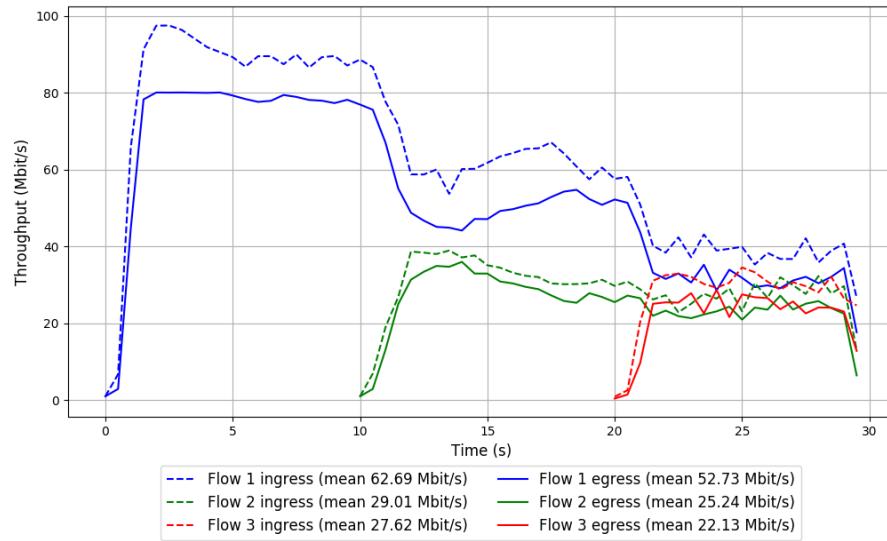


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-03-21 01:09:10
End at: 2018-03-21 01:09:40
Local clock offset: -14.276 ms
Remote clock offset: 1.935 ms

# Below is generated by plot.py at 2018-03-21 08:05:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.56 Mbit/s
95th percentile per-packet one-way delay: 116.747 ms
Loss rate: 16.39%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 114.569 ms
Loss rate: 16.47%
-- Flow 2:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 116.779 ms
Loss rate: 13.69%
-- Flow 3:
Average throughput: 22.13 Mbit/s
95th percentile per-packet one-way delay: 120.019 ms
Loss rate: 21.54%
```

Run 4: Report of Indigo-1-32 — Data Link

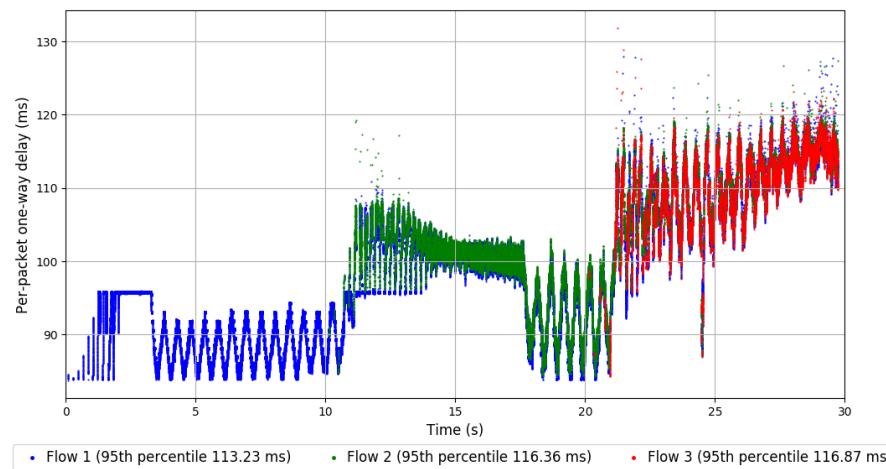
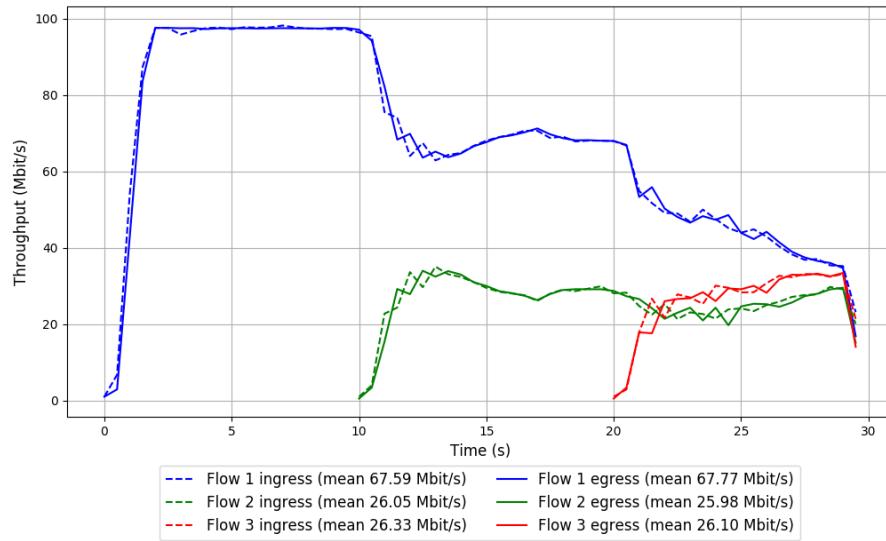


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-03-21 01:33:05
End at: 2018-03-21 01:33:35
Local clock offset: -14.286 ms
Remote clock offset: 1.159 ms

# Below is generated by plot.py at 2018-03-21 08:06:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 115.133 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 67.77 Mbit/s
95th percentile per-packet one-way delay: 113.230 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 25.98 Mbit/s
95th percentile per-packet one-way delay: 116.360 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 116.870 ms
Loss rate: 2.86%
```

Run 5: Report of Indigo-1-32 — Data Link

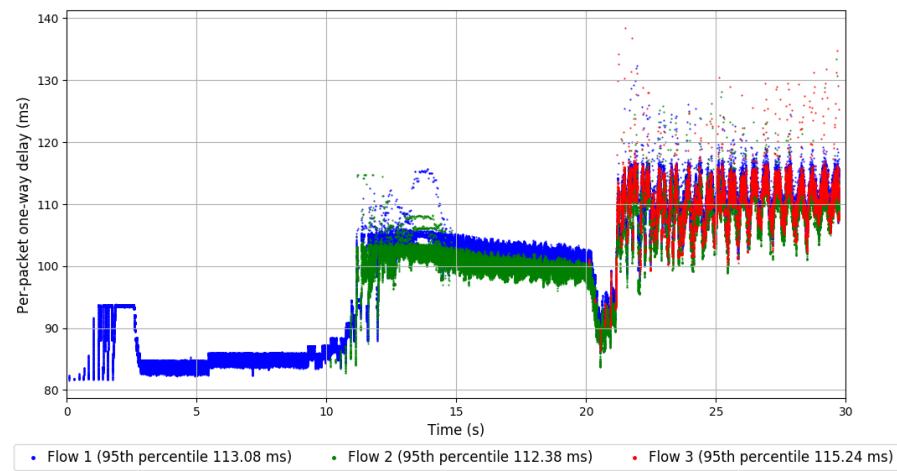
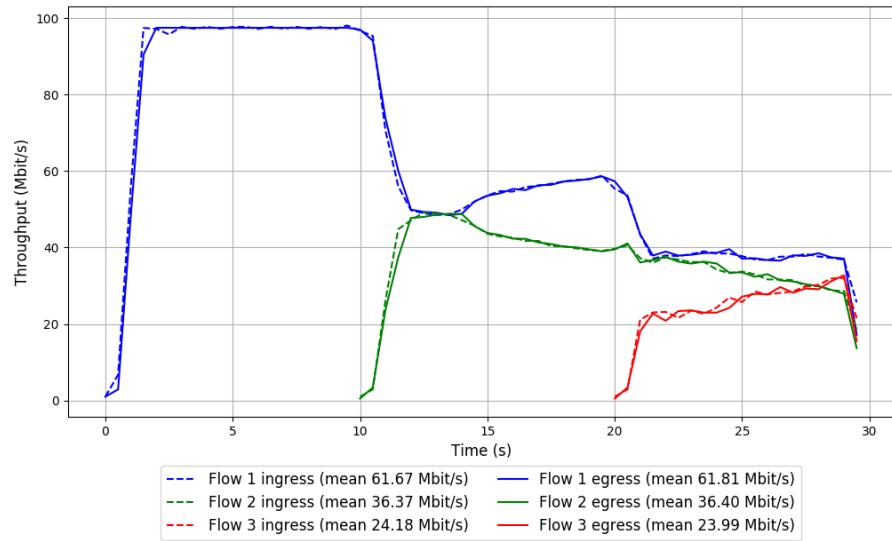


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-03-21 01:57:00
End at: 2018-03-21 01:57:30
Local clock offset: -4.51 ms
Remote clock offset: 4.07 ms

# Below is generated by plot.py at 2018-03-21 08:06:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 113.515 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 113.077 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 112.376 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 115.237 ms
Loss rate: 2.79%
```

Run 6: Report of Indigo-1-32 — Data Link

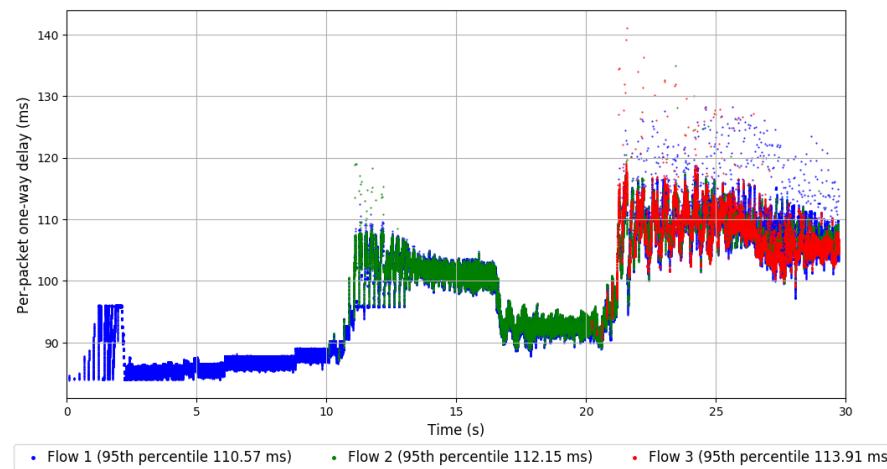
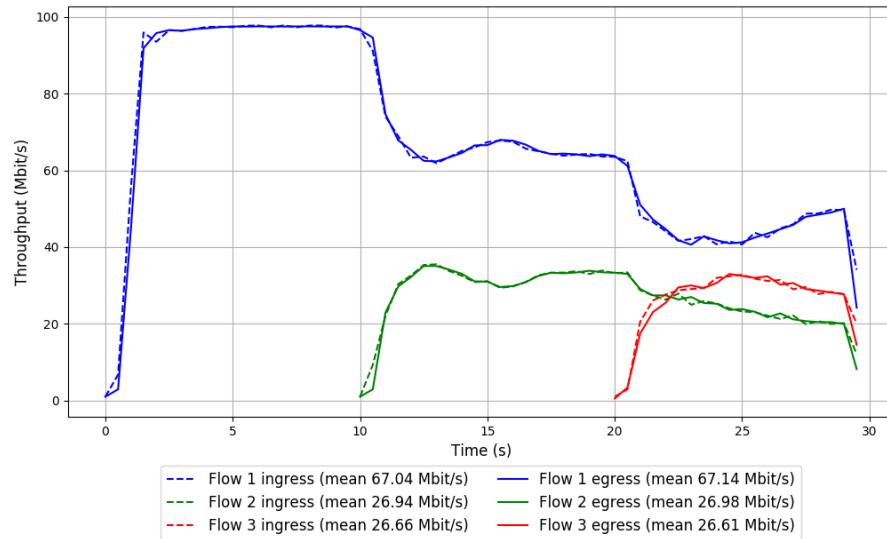


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-03-21 02:20:56
End at: 2018-03-21 02:21:26
Local clock offset: -3.975 ms
Remote clock offset: -0.575 ms

# Below is generated by plot.py at 2018-03-21 08:06:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 111.660 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 67.14 Mbit/s
95th percentile per-packet one-way delay: 110.574 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 112.154 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 113.911 ms
Loss rate: 2.15%
```

Run 7: Report of Indigo-1-32 — Data Link

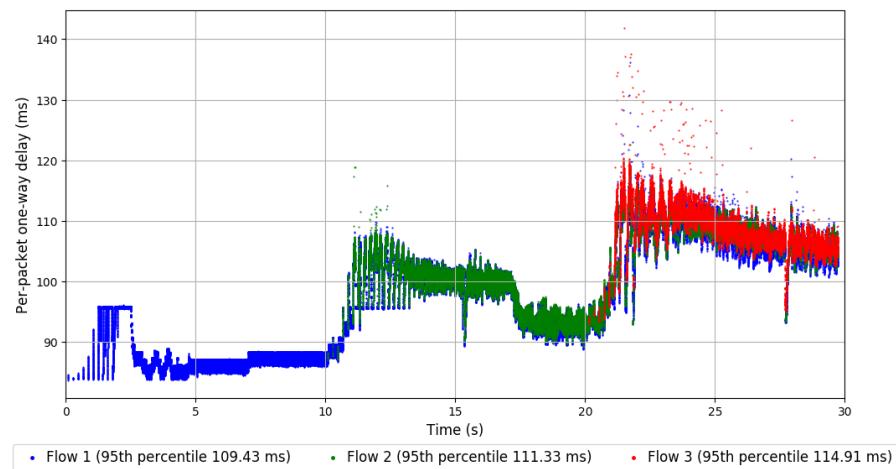
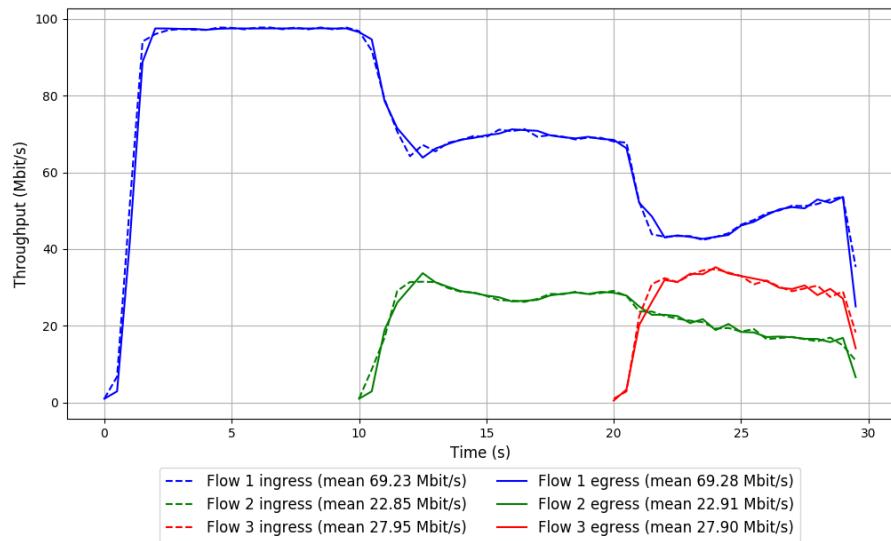


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-03-21 02:44:49
End at: 2018-03-21 02:45:19
Local clock offset: -3.907 ms
Remote clock offset: -1.468 ms

# Below is generated by plot.py at 2018-03-21 08:06:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 111.217 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 69.28 Mbit/s
95th percentile per-packet one-way delay: 109.433 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 111.326 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 27.90 Mbit/s
95th percentile per-packet one-way delay: 114.914 ms
Loss rate: 2.12%
```

Run 8: Report of Indigo-1-32 — Data Link

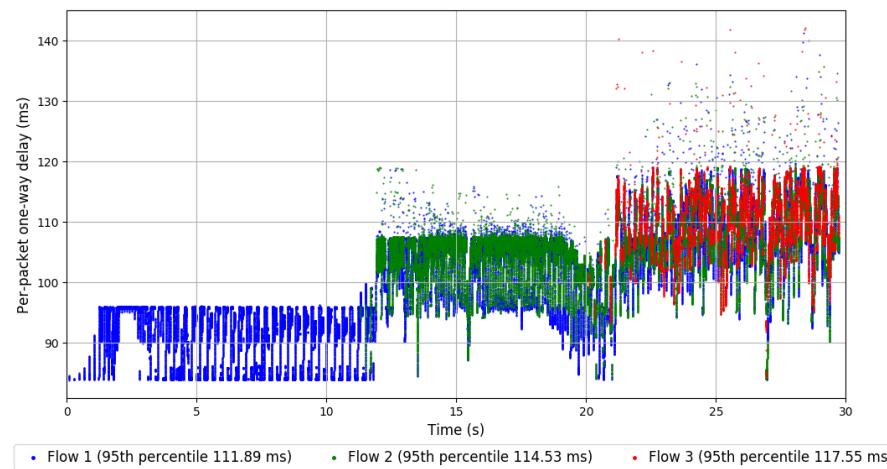
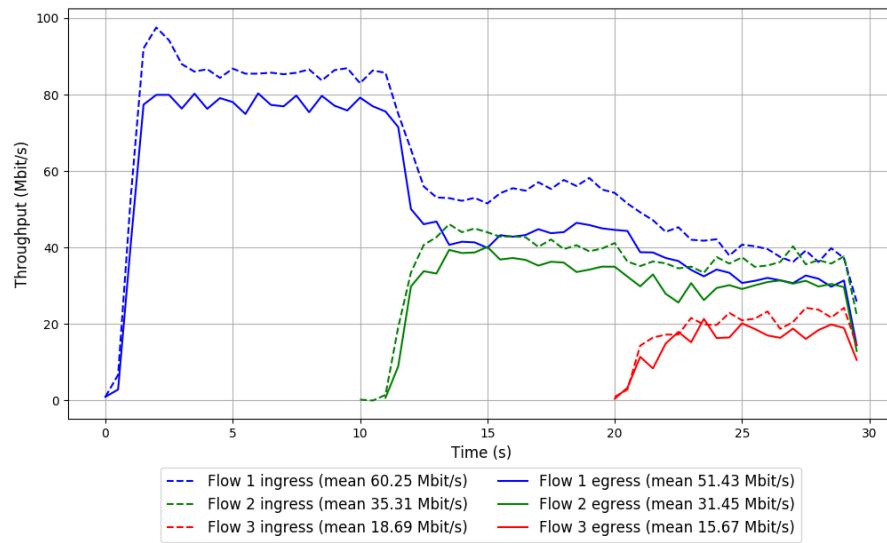


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-03-21 03:08:44
End at: 2018-03-21 03:09:14
Local clock offset: -5.545 ms
Remote clock offset: -2.311 ms

# Below is generated by plot.py at 2018-03-21 08:06:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 113.992 ms
Loss rate: 15.66%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 111.885 ms
Loss rate: 15.18%
-- Flow 2:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 114.531 ms
Loss rate: 16.34%
-- Flow 3:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 117.546 ms
Loss rate: 17.87%
```

Run 9: Report of Indigo-1-32 — Data Link

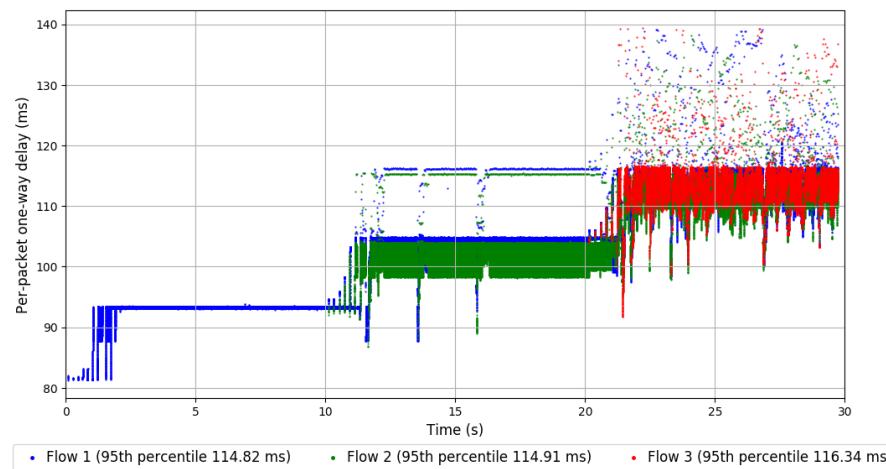
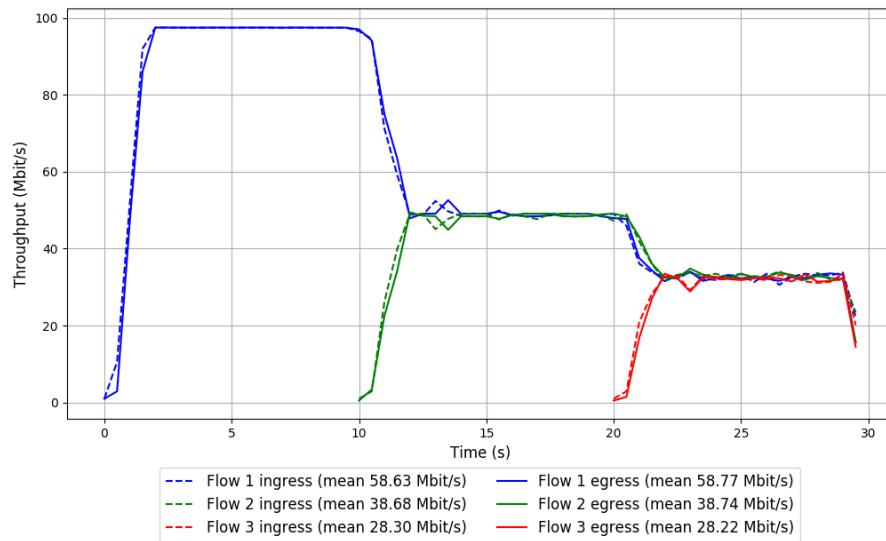


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-03-21 03:32:47
End at: 2018-03-21 03:33:17
Local clock offset: -5.602 ms
Remote clock offset: 0.602 ms

# Below is generated by plot.py at 2018-03-21 08:06:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 115.273 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 114.818 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 114.907 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 28.22 Mbit/s
95th percentile per-packet one-way delay: 116.344 ms
Loss rate: 2.42%
```

Run 10: Report of Indigo-1-32 — Data Link

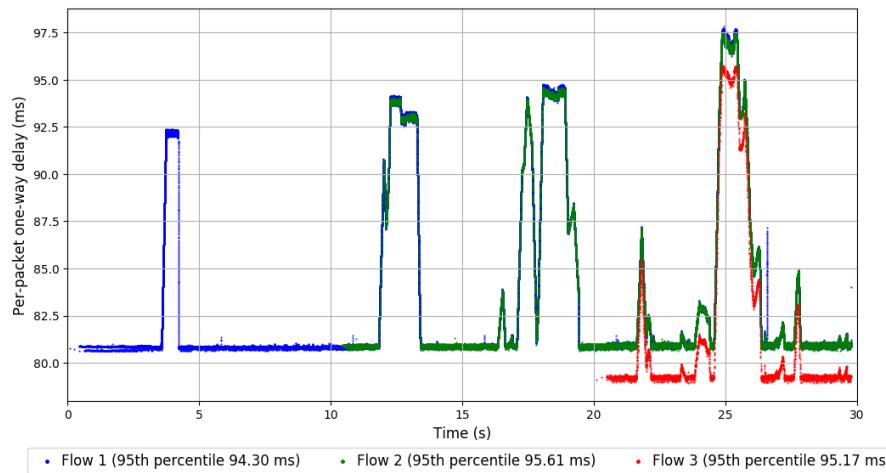
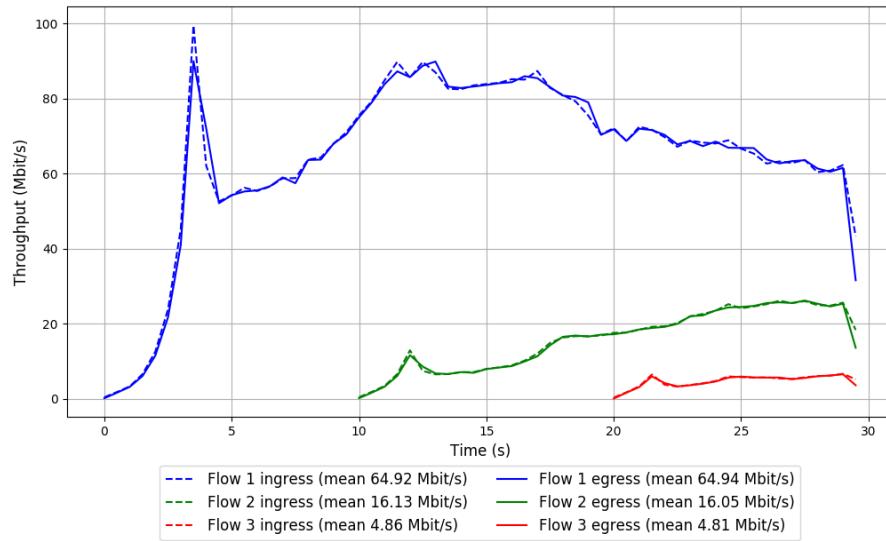


Run 1: Statistics of Vivace-latency

```
Start at: 2018-03-21 00:00:01
End at: 2018-03-21 00:00:31
Local clock offset: -13.575 ms
Remote clock offset: 7.489 ms

# Below is generated by plot.py at 2018-03-21 08:06:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 94.351 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 64.94 Mbit/s
95th percentile per-packet one-way delay: 94.297 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 95.614 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 95.166 ms
Loss rate: 2.81%
```

Run 1: Report of Vivace-latency — Data Link

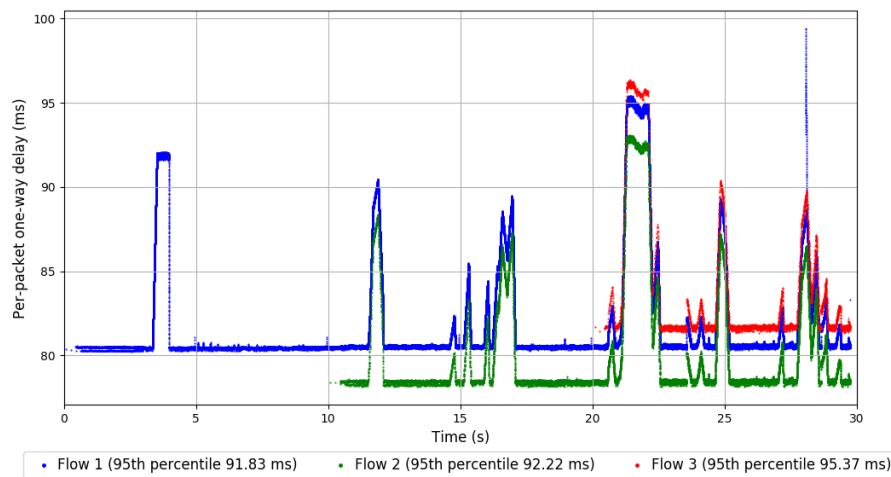
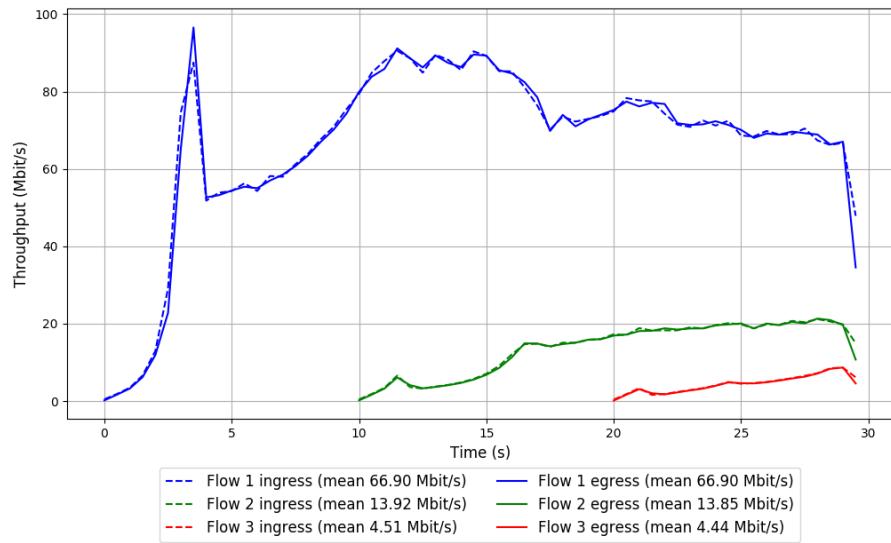


Run 2: Statistics of Vivace-latency

```
Start at: 2018-03-21 00:23:54
End at: 2018-03-21 00:24:24
Local clock offset: -14.12 ms
Remote clock offset: 7.392 ms

# Below is generated by plot.py at 2018-03-21 08:07:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 91.838 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 91.827 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 92.219 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 95.370 ms
Loss rate: 3.38%
```

Run 2: Report of Vivace-latency — Data Link

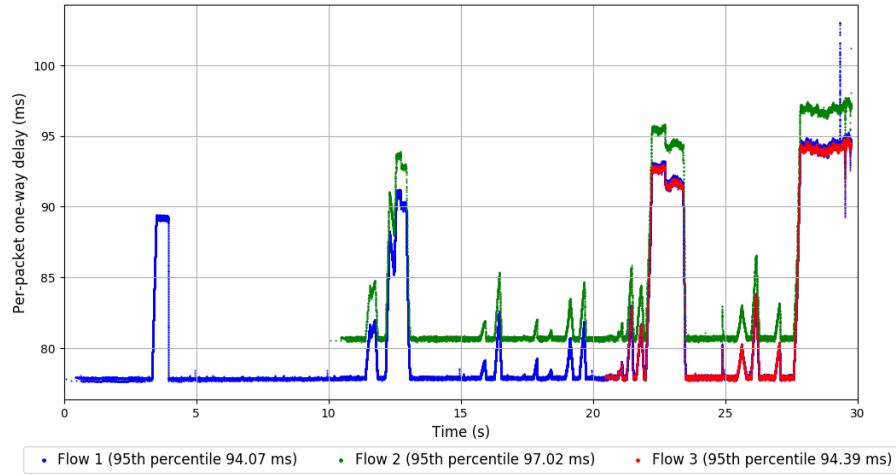
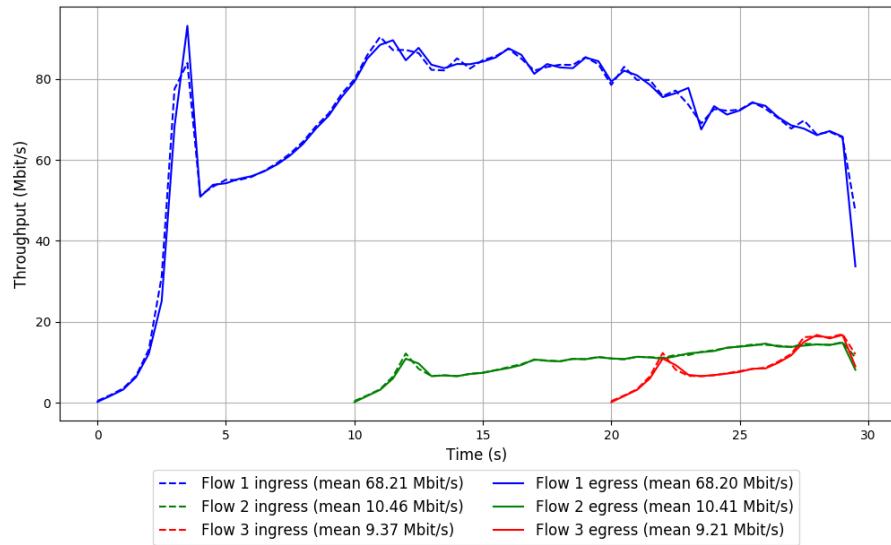


Run 3: Statistics of Vivace-latency

```
Start at: 2018-03-21 00:47:46
End at: 2018-03-21 00:48:16
Local clock offset: -14.182 ms
Remote clock offset: 7.465 ms

# Below is generated by plot.py at 2018-03-21 08:07:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 94.266 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 94.069 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 97.022 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 94.389 ms
Loss rate: 3.44%
```

Run 3: Report of Vivace-latency — Data Link

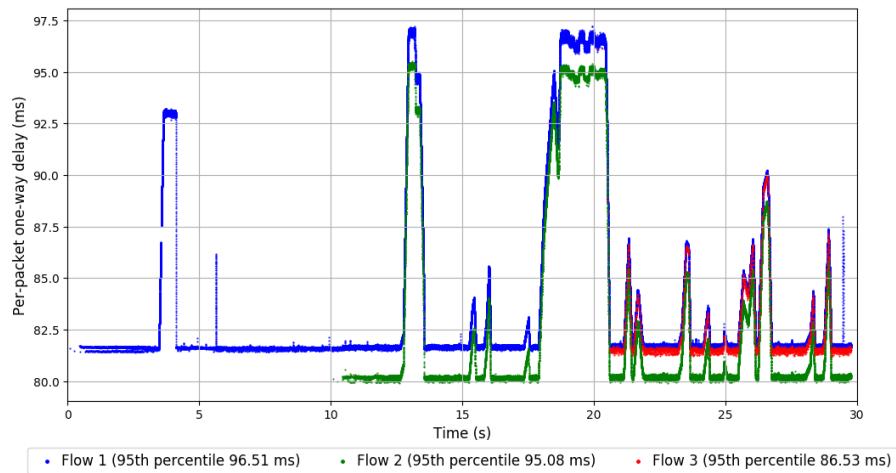
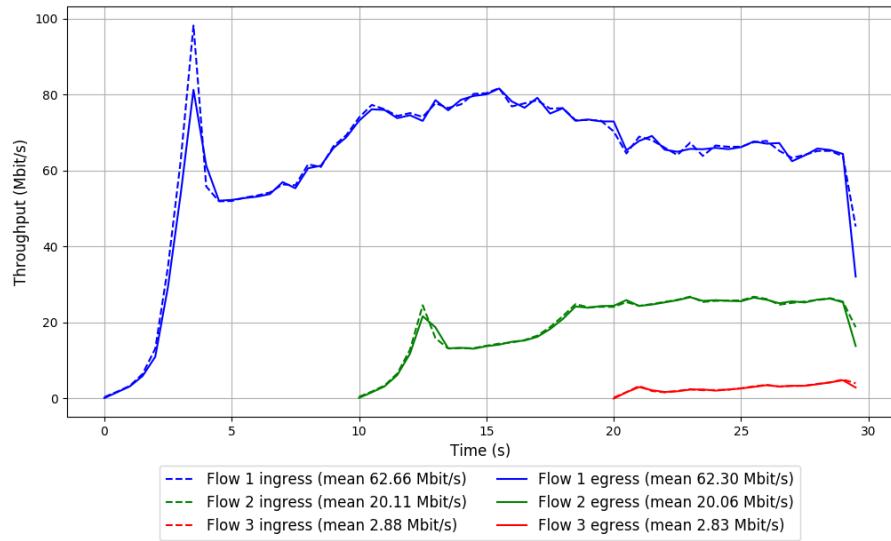


Run 4: Statistics of Vivace-latency

```
Start at: 2018-03-21 01:11:47
End at: 2018-03-21 01:12:17
Local clock offset: -14.224 ms
Remote clock offset: 5.888 ms

# Below is generated by plot.py at 2018-03-21 08:07:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 96.377 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 62.30 Mbit/s
95th percentile per-packet one-way delay: 96.509 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 95.084 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 86.533 ms
Loss rate: 3.60%
```

Run 4: Report of Vivace-latency — Data Link

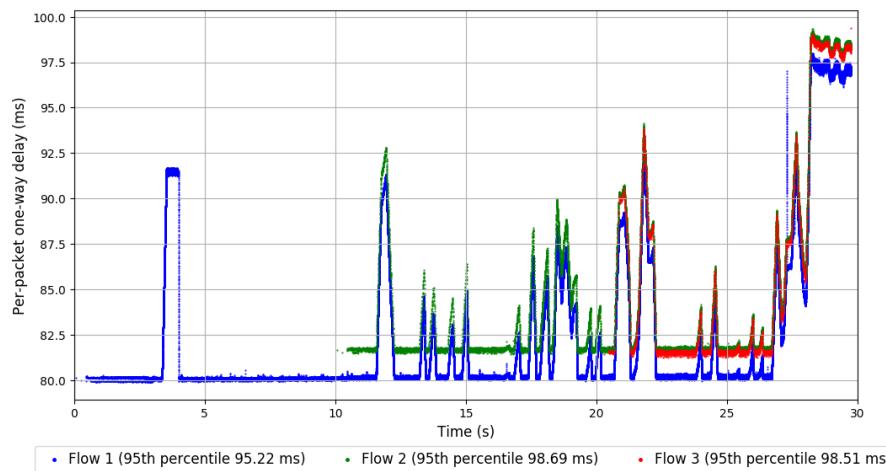
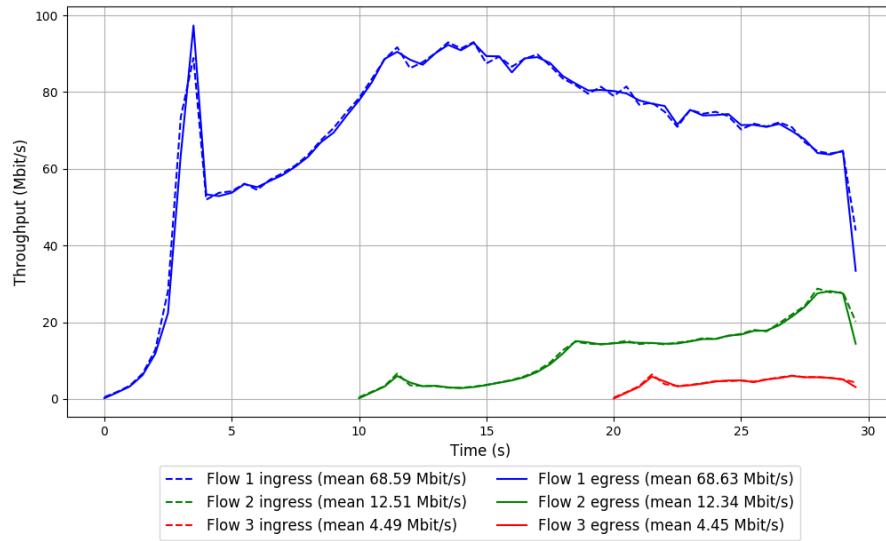


Run 5: Statistics of Vivace-latency

```
Start at: 2018-03-21 01:35:43
End at: 2018-03-21 01:36:13
Local clock offset: -14.294 ms
Remote clock offset: 4.983 ms

# Below is generated by plot.py at 2018-03-21 08:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 97.073 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 95.223 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 12.34 Mbit/s
95th percentile per-packet one-way delay: 98.686 ms
Loss rate: 2.26%
-- Flow 3:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 98.507 ms
Loss rate: 2.62%
```

Run 5: Report of Vivace-latency — Data Link

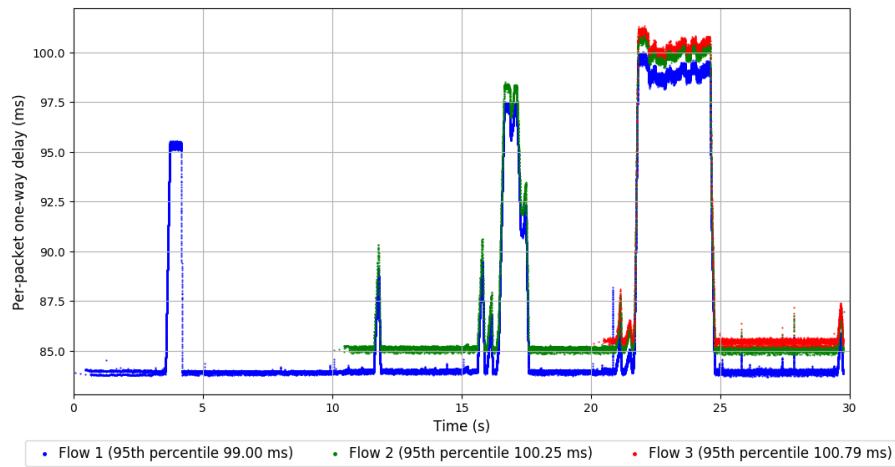
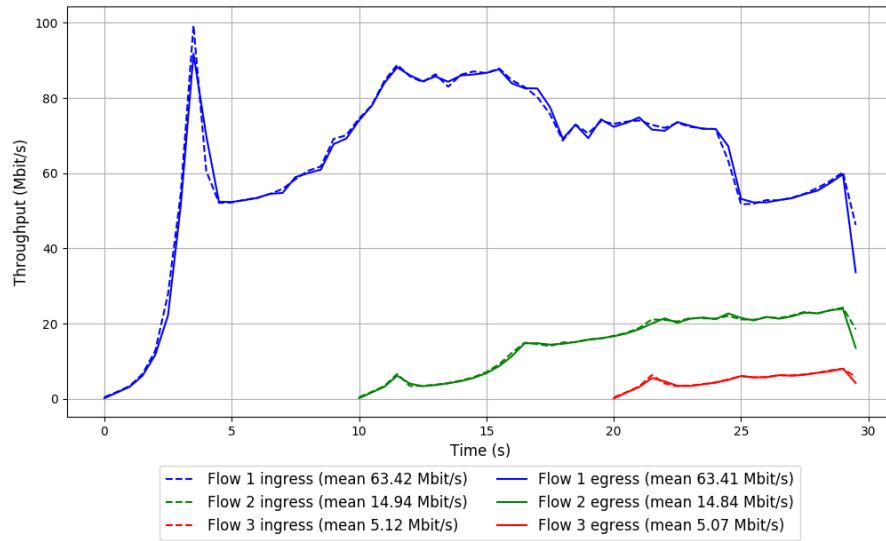


Run 6: Statistics of Vivace-latency

```
Start at: 2018-03-21 01:59:38
End at: 2018-03-21 02:00:08
Local clock offset: -3.895 ms
Remote clock offset: 0.147 ms

# Below is generated by plot.py at 2018-03-21 08:07:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 99.316 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 99.001 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 100.252 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 100.788 ms
Loss rate: 2.98%
```

Run 6: Report of Vivace-latency — Data Link

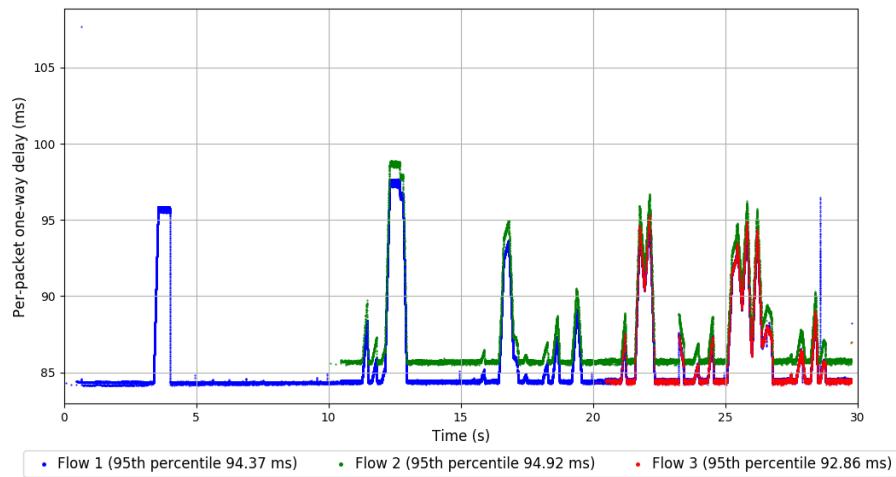
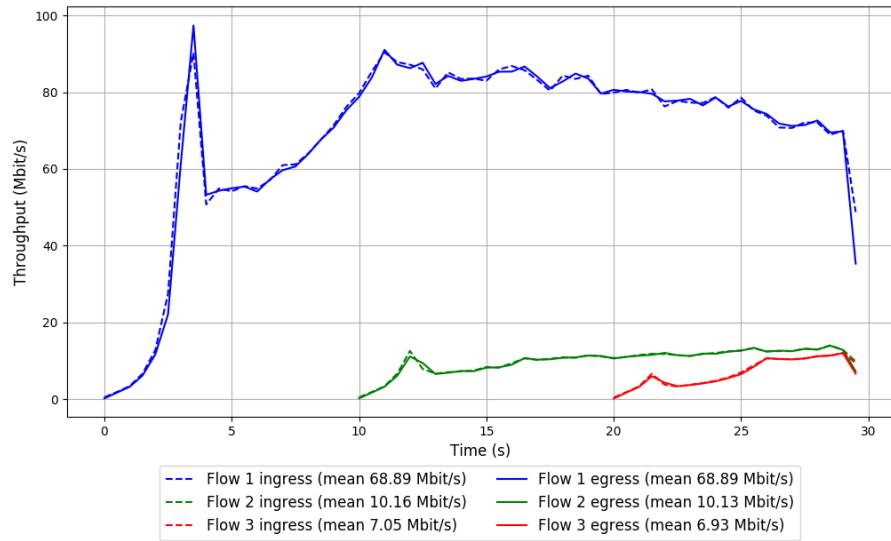


Run 7: Statistics of Vivace-latency

```
Start at: 2018-03-21 02:23:34
End at: 2018-03-21 02:24:04
Local clock offset: -4.252 ms
Remote clock offset: -0.709 ms

# Below is generated by plot.py at 2018-03-21 08:07:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 94.383 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 68.89 Mbit/s
95th percentile per-packet one-way delay: 94.374 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 94.916 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 92.863 ms
Loss rate: 3.45%
```

Run 7: Report of Vivace-latency — Data Link

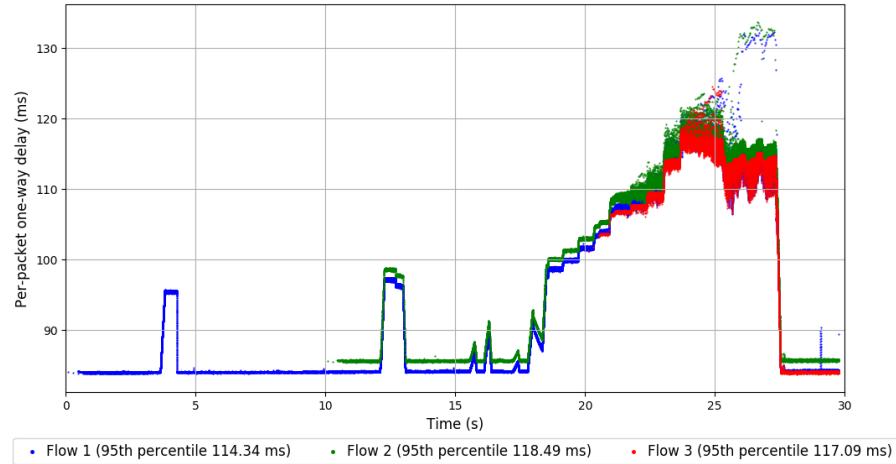
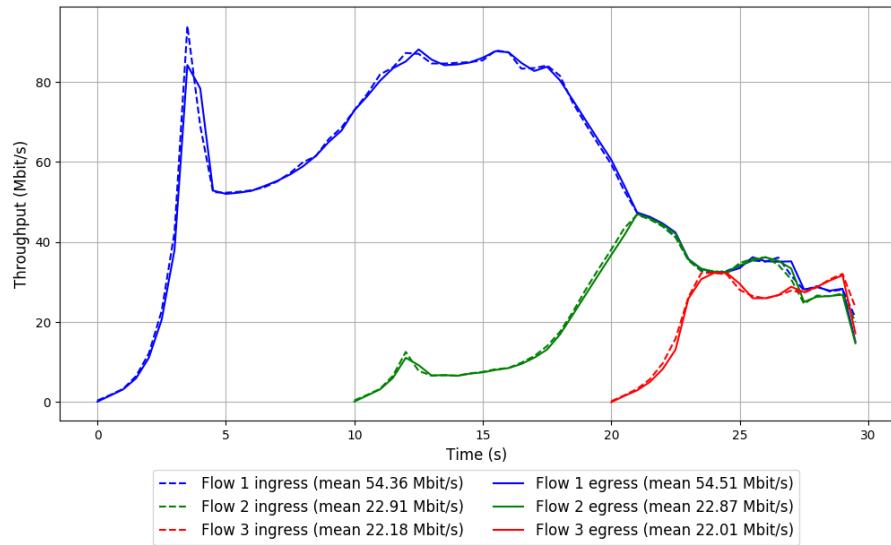


Run 8: Statistics of Vivace-latency

```
Start at: 2018-03-21 02:47:27
End at: 2018-03-21 02:47:57
Local clock offset: -4.101 ms
Remote clock offset: -1.533 ms

# Below is generated by plot.py at 2018-03-21 08:08:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 116.777 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 114.339 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 118.488 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 117.087 ms
Loss rate: 2.76%
```

Run 8: Report of Vivace-latency — Data Link

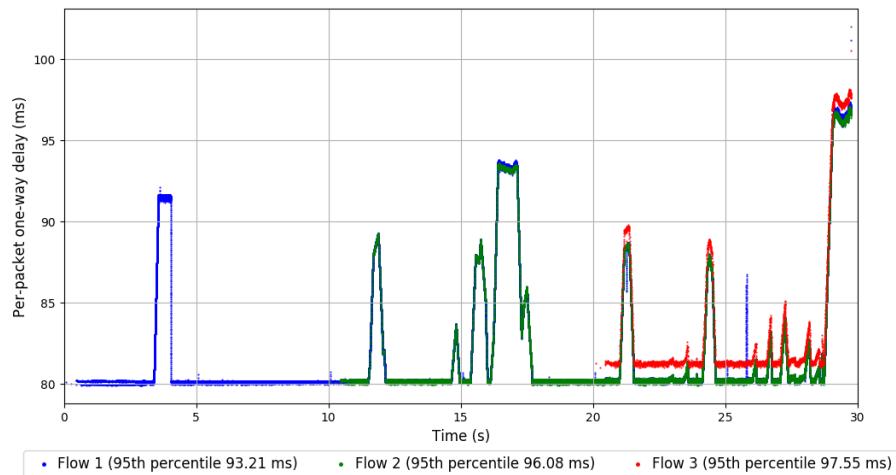
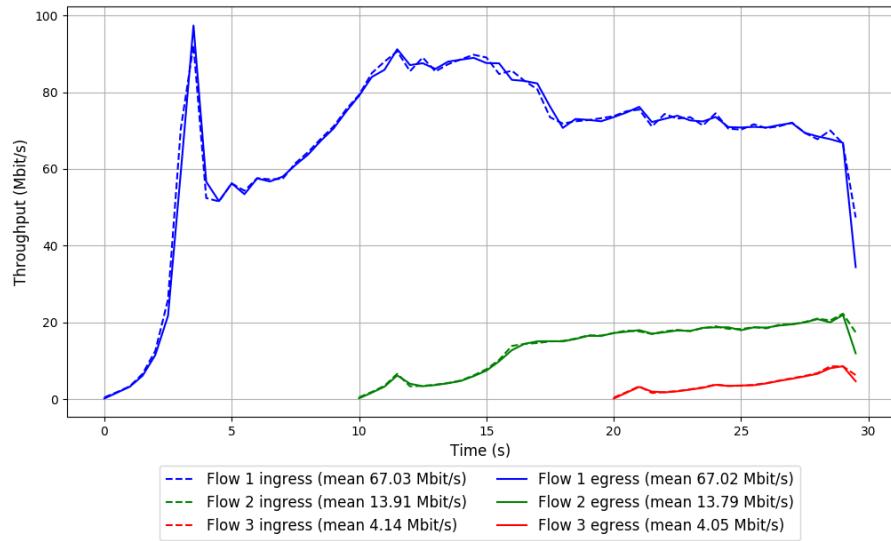


Run 9: Statistics of Vivace-latency

```
Start at: 2018-03-21 03:11:31
End at: 2018-03-21 03:12:01
Local clock offset: -5.612 ms
Remote clock offset: 1.455 ms

# Below is generated by plot.py at 2018-03-21 08:08:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 93.313 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 67.02 Mbit/s
95th percentile per-packet one-way delay: 93.211 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 96.078 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 97.545 ms
Loss rate: 4.05%
```

Run 9: Report of Vivace-latency — Data Link

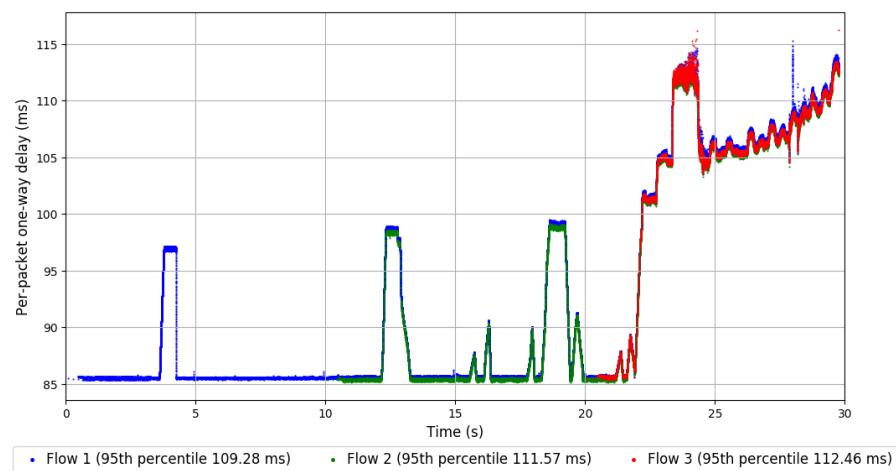
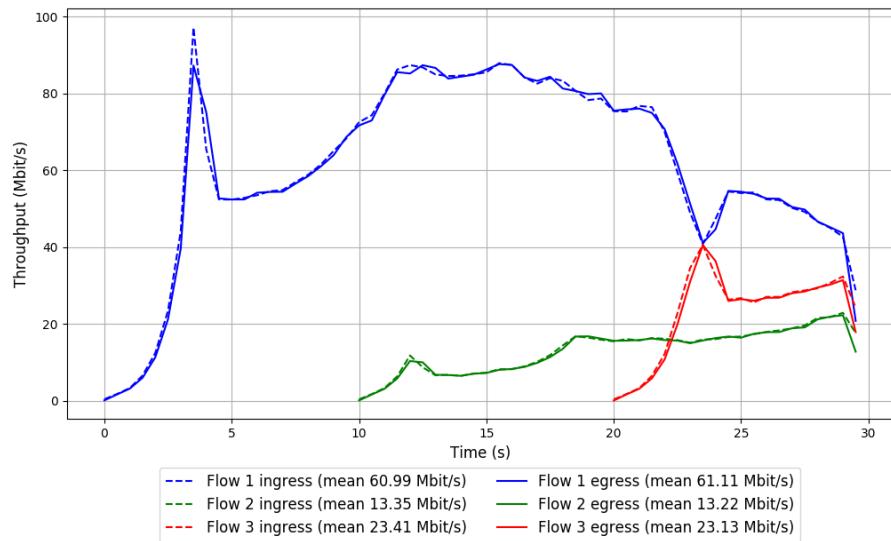


Run 10: Statistics of Vivace-latency

```
Start at: 2018-03-21 03:35:25
End at: 2018-03-21 03:35:55
Local clock offset: -5.591 ms
Remote clock offset: -3.333 ms

# Below is generated by plot.py at 2018-03-21 08:08:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 111.242 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 109.283 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 111.567 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: 112.462 ms
Loss rate: 3.04%
```

Run 10: Report of Vivace-latency — Data Link

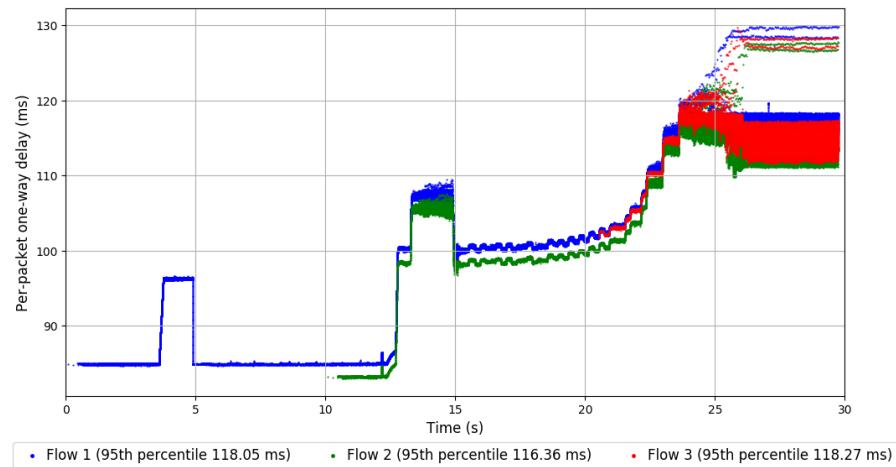
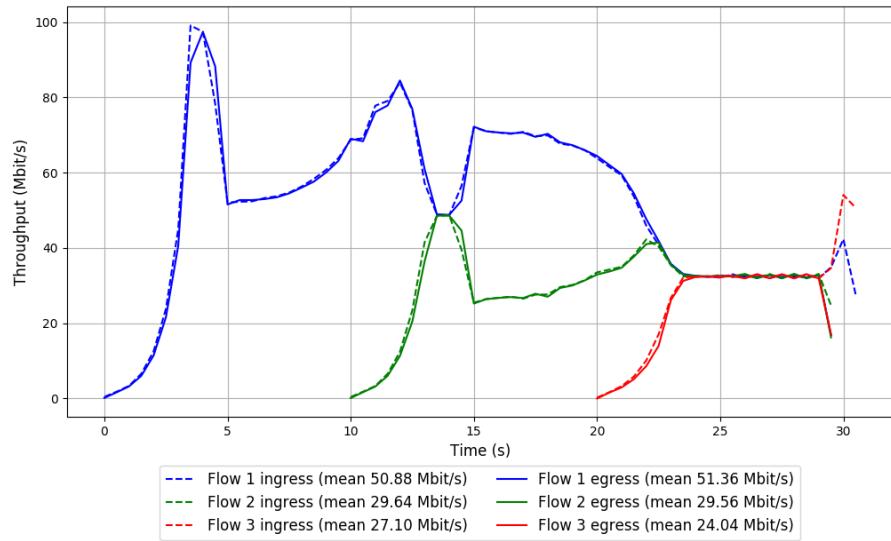


Run 1: Statistics of Vivace-loss

```
Start at: 2018-03-21 00:01:23
End at: 2018-03-21 00:01:53
Local clock offset: -13.613 ms
Remote clock offset: 3.426 ms

# Below is generated by plot.py at 2018-03-21 08:08:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 117.991 ms
Loss rate: 4.91%
-- Flow 1:
Average throughput: 51.36 Mbit/s
95th percentile per-packet one-way delay: 118.051 ms
Loss rate: 3.03%
-- Flow 2:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 116.362 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 118.266 ms
Loss rate: 21.88%
```

Run 1: Report of Vivace-loss — Data Link

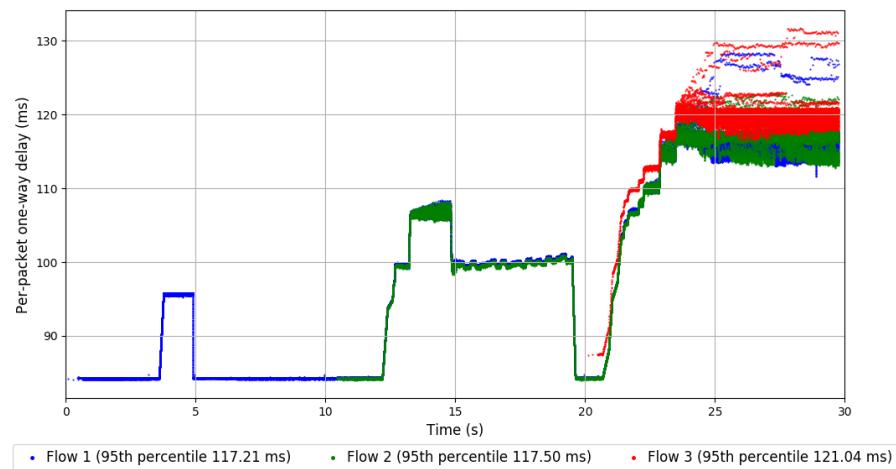
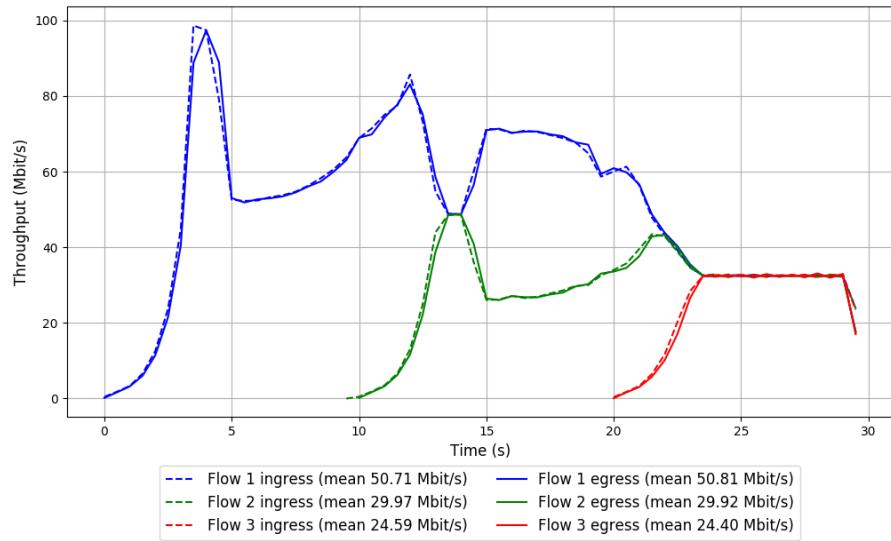


Run 2: Statistics of Vivace-loss

```
Start at: 2018-03-21 00:25:15
End at: 2018-03-21 00:25:45
Local clock offset: -14.169 ms
Remote clock offset: 1.724 ms

# Below is generated by plot.py at 2018-03-21 08:08:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 120.126 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 50.81 Mbit/s
95th percentile per-packet one-way delay: 117.211 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 29.92 Mbit/s
95th percentile per-packet one-way delay: 117.495 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 121.038 ms
Loss rate: 2.89%
```

Run 2: Report of Vivace-loss — Data Link

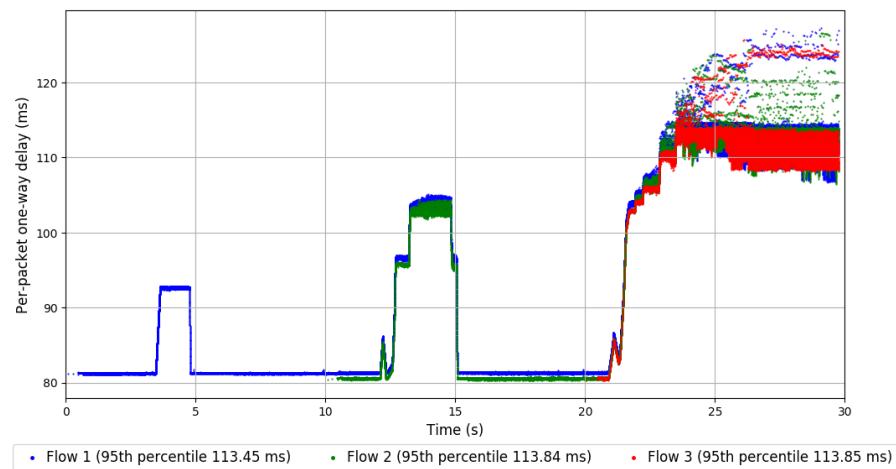
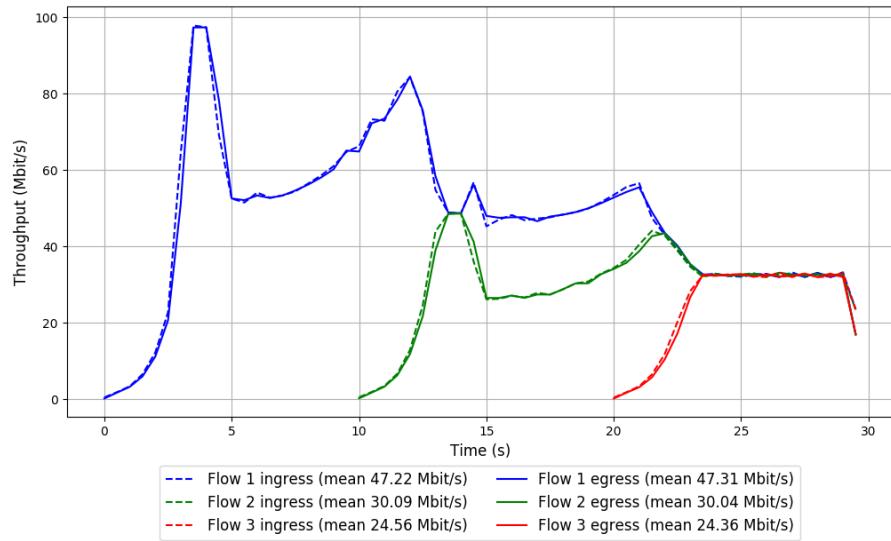


Run 3: Statistics of Vivace-loss

```
Start at: 2018-03-21 00:49:07
End at: 2018-03-21 00:49:37
Local clock offset: -14.176 ms
Remote clock offset: 5.68 ms

# Below is generated by plot.py at 2018-03-21 08:08:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.15 Mbit/s
95th percentile per-packet one-way delay: 113.802 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 113.455 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 113.837 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 113.851 ms
Loss rate: 2.90%
```

Run 3: Report of Vivace-loss — Data Link

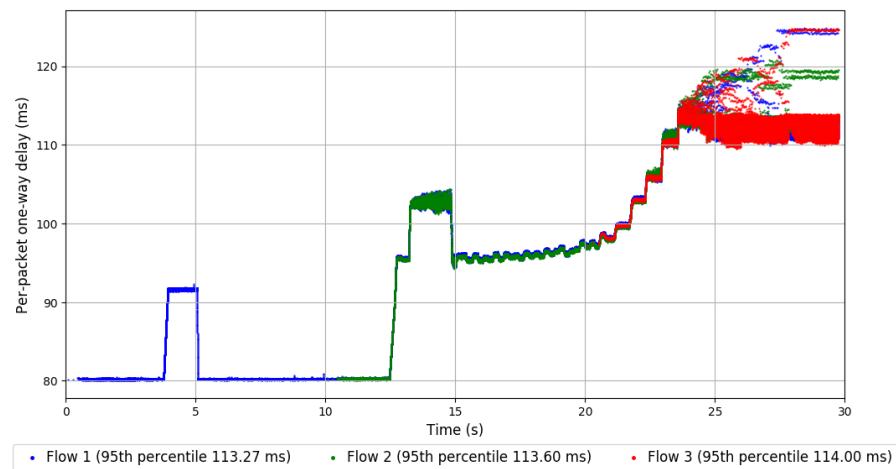
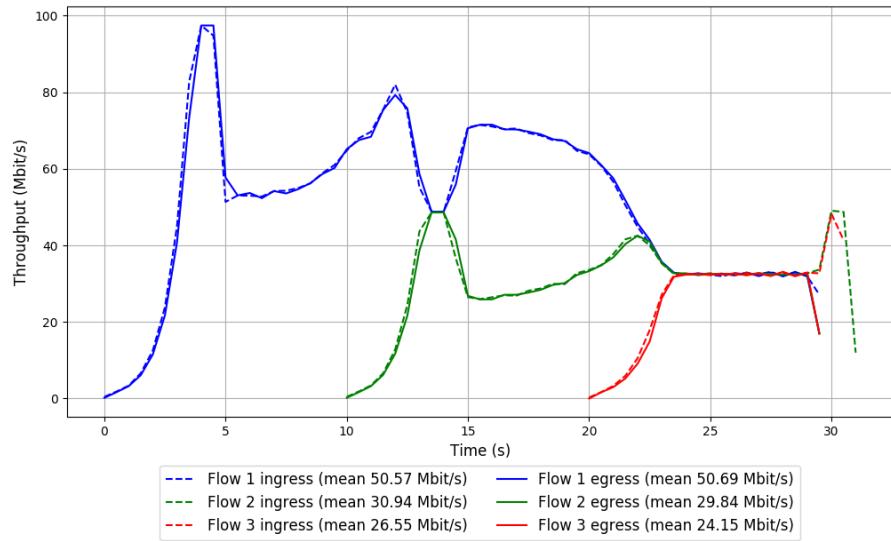


Run 4: Statistics of Vivace-loss

```
Start at: 2018-03-21 01:13:08
End at: 2018-03-21 01:13:38
Local clock offset: -14.234 ms
Remote clock offset: 5.665 ms

# Below is generated by plot.py at 2018-03-21 08:08:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 113.565 ms
Loss rate: 5.38%
-- Flow 1:
Average throughput: 50.69 Mbit/s
95th percentile per-packet one-way delay: 113.270 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 113.600 ms
Loss rate: 10.24%
-- Flow 3:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 114.002 ms
Loss rate: 19.46%
```

Run 4: Report of Vivace-loss — Data Link

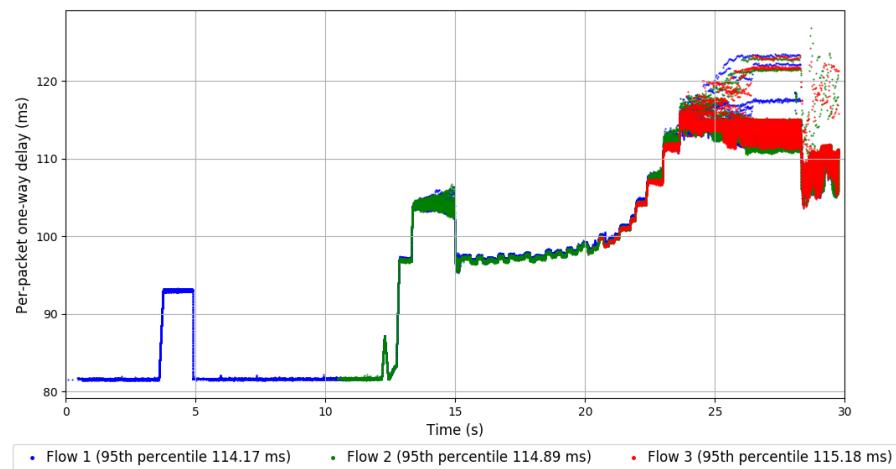
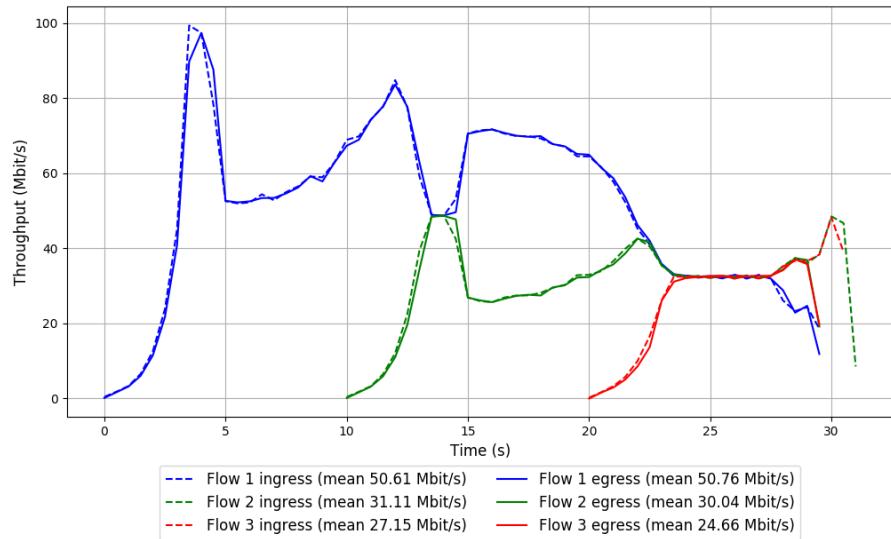


Run 5: Statistics of Vivace-loss

```
Start at: 2018-03-21 01:37:04
End at: 2018-03-21 01:37:34
Local clock offset: -14.291 ms
Remote clock offset: 4.941 ms

# Below is generated by plot.py at 2018-03-21 08:09:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.68 Mbit/s
95th percentile per-packet one-way delay: 114.811 ms
Loss rate: 5.21%
-- Flow 1:
Average throughput: 50.76 Mbit/s
95th percentile per-packet one-way delay: 114.168 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 114.886 ms
Loss rate: 9.96%
-- Flow 3:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 115.176 ms
Loss rate: 19.38%
```

Run 5: Report of Vivace-loss — Data Link

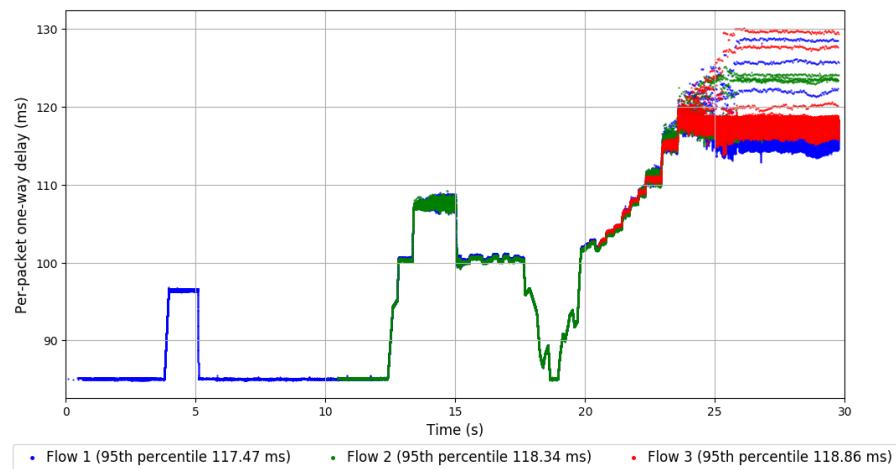
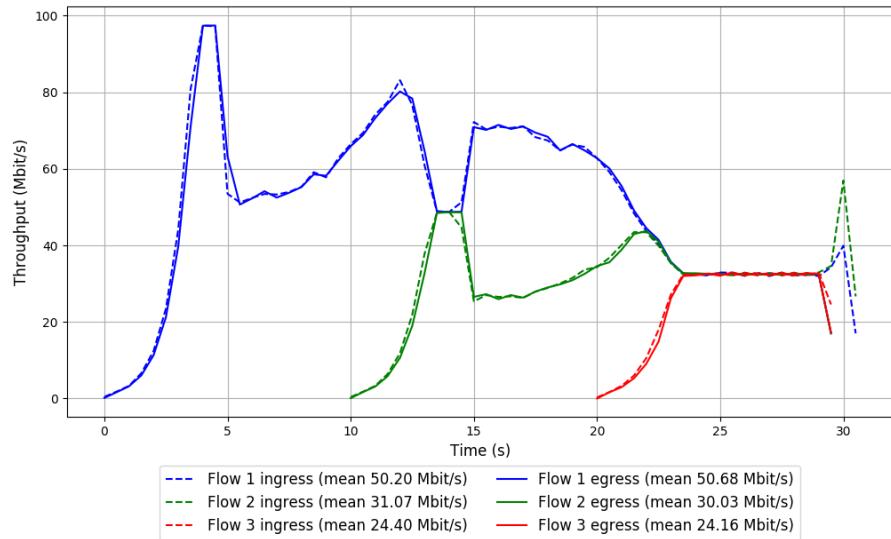


Run 6: Statistics of Vivace-loss

```
Start at: 2018-03-21 02:01:00
End at: 2018-03-21 02:01:30
Local clock offset: -3.572 ms
Remote clock offset: 0.102 ms

# Below is generated by plot.py at 2018-03-21 08:09:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 118.400 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 50.68 Mbit/s
95th percentile per-packet one-way delay: 117.475 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 118.340 ms
Loss rate: 8.44%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 118.863 ms
Loss rate: 3.20%
```

Run 6: Report of Vivace-loss — Data Link

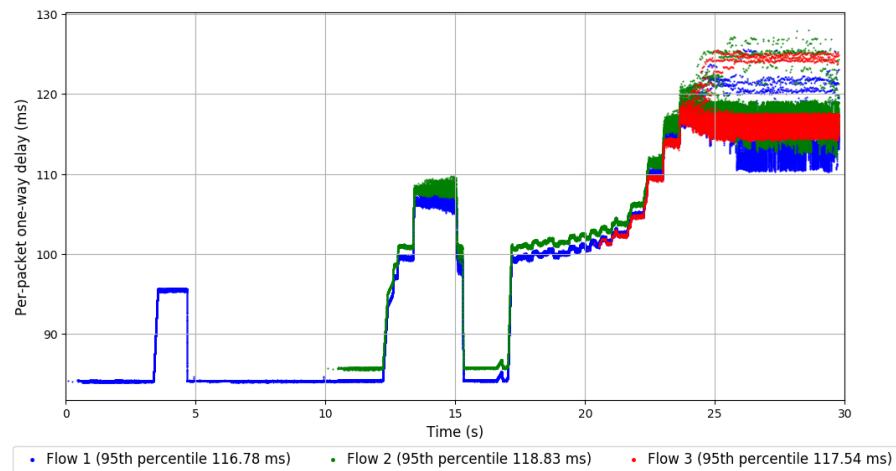
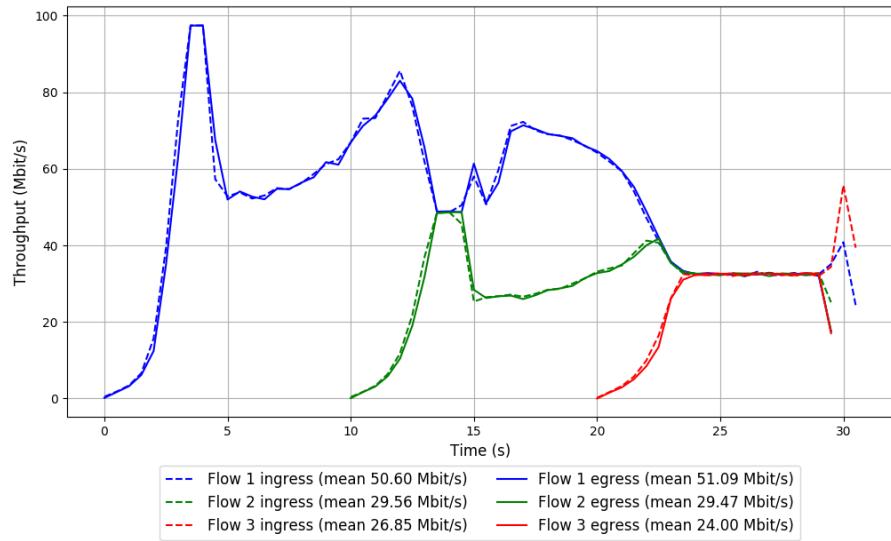


Run 7: Statistics of Vivace-loss

```
Start at: 2018-03-21 02:24:55
End at: 2018-03-21 02:25:25
Local clock offset: -4.364 ms
Remote clock offset: -0.789 ms

# Below is generated by plot.py at 2018-03-21 08:09:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 117.598 ms
Loss rate: 4.62%
-- Flow 1:
Average throughput: 51.09 Mbit/s
95th percentile per-packet one-way delay: 116.780 ms
Loss rate: 2.89%
-- Flow 2:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 118.829 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 117.542 ms
Loss rate: 20.54%
```

Run 7: Report of Vivace-loss — Data Link

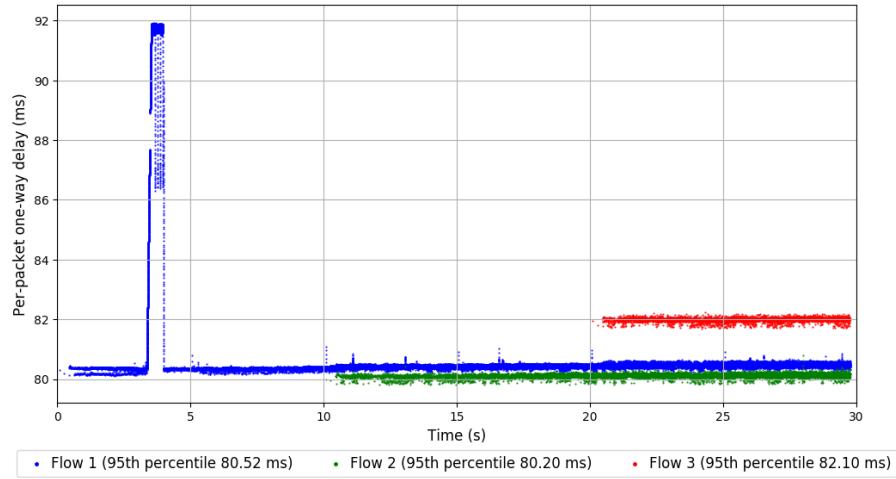
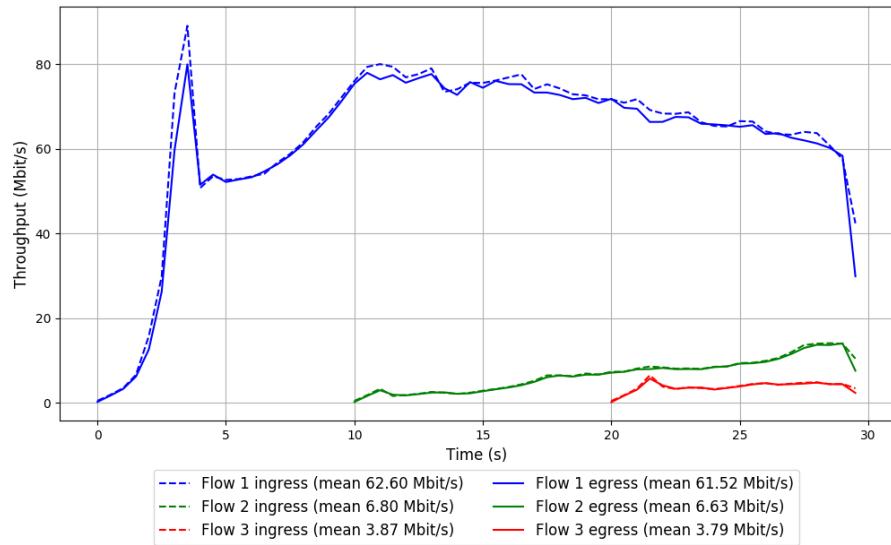


Run 8: Statistics of Vivace-loss

```
Start at: 2018-03-21 02:48:48
End at: 2018-03-21 02:49:18
Local clock offset: -4.277 ms
Remote clock offset: 2.222 ms

# Below is generated by plot.py at 2018-03-21 08:09:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.15 Mbit/s
95th percentile per-packet one-way delay: 80.577 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 80.518 ms
Loss rate: 2.33%
-- Flow 2:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 80.205 ms
Loss rate: 3.46%
-- Flow 3:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 82.097 ms
Loss rate: 3.85%
```

Run 8: Report of Vivace-loss — Data Link

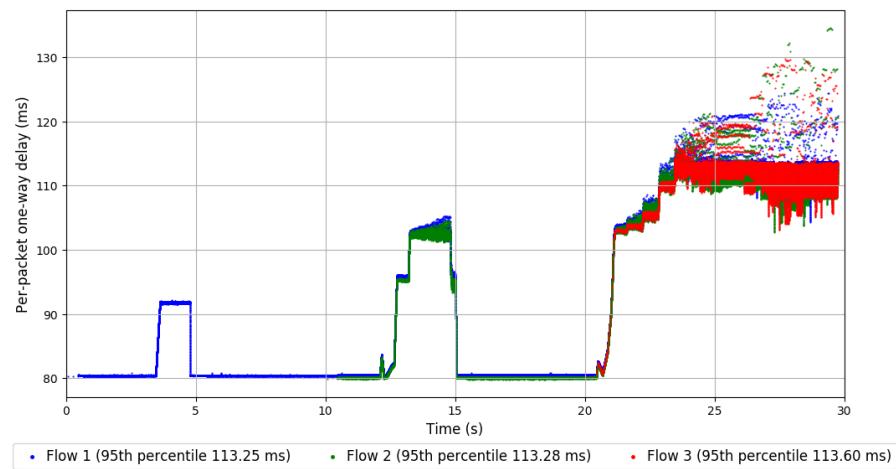
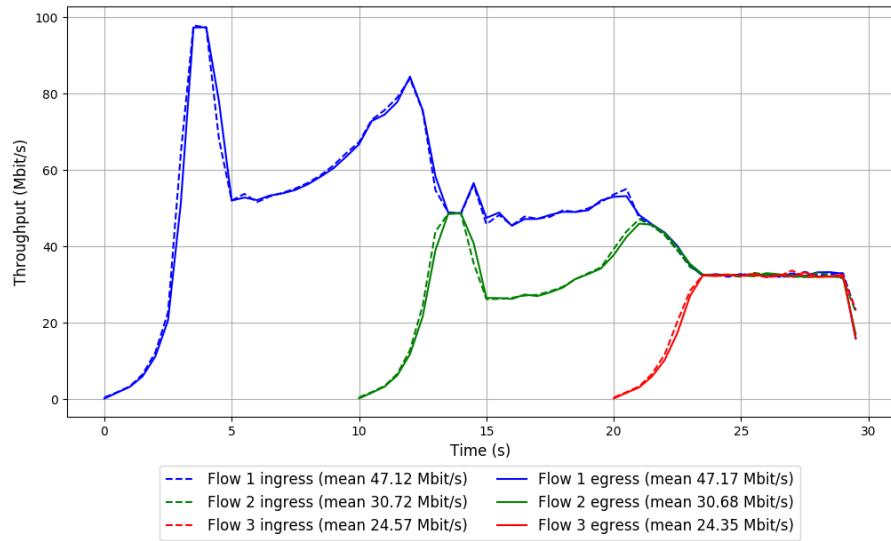


Run 9: Statistics of Vivace-loss

```
Start at: 2018-03-21 03:12:52
End at: 2018-03-21 03:13:22
Local clock offset: -5.509 ms
Remote clock offset: 1.328 ms

# Below is generated by plot.py at 2018-03-21 08:09:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 113.406 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 113.245 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 113.281 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 113.601 ms
Loss rate: 2.92%
```

Run 9: Report of Vivace-loss — Data Link

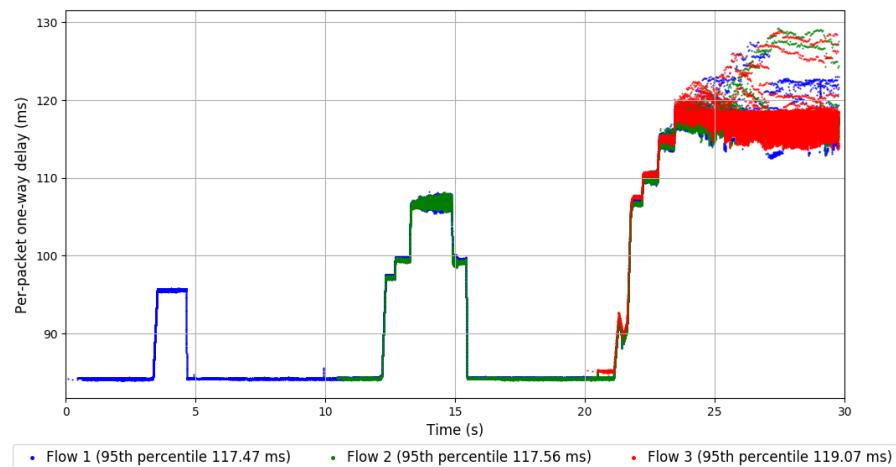
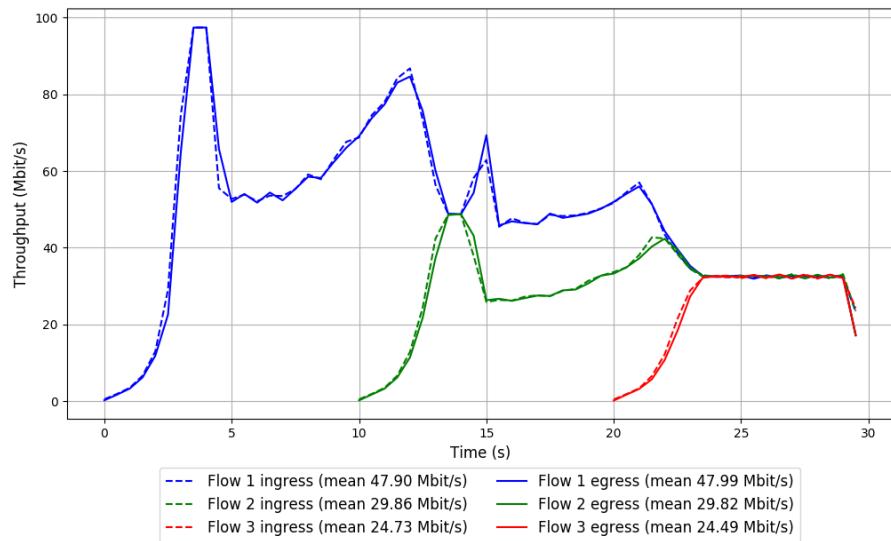


Run 10: Statistics of Vivace-loss

```
Start at: 2018-03-21 03:36:46
End at: 2018-03-21 03:37:16
Local clock offset: -5.592 ms
Remote clock offset: -3.392 ms

# Below is generated by plot.py at 2018-03-21 08:10:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.73 Mbit/s
95th percentile per-packet one-way delay: 117.889 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 117.467 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 117.557 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 119.067 ms
Loss rate: 2.96%
```

Run 10: Report of Vivace-loss — Data Link

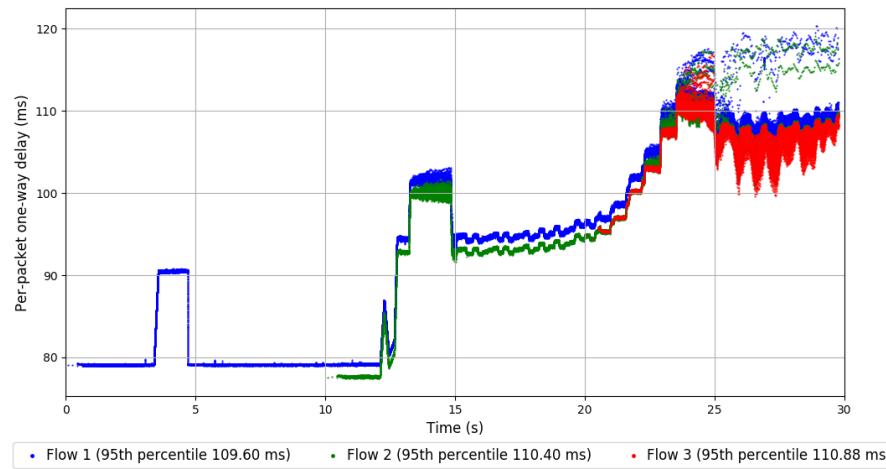
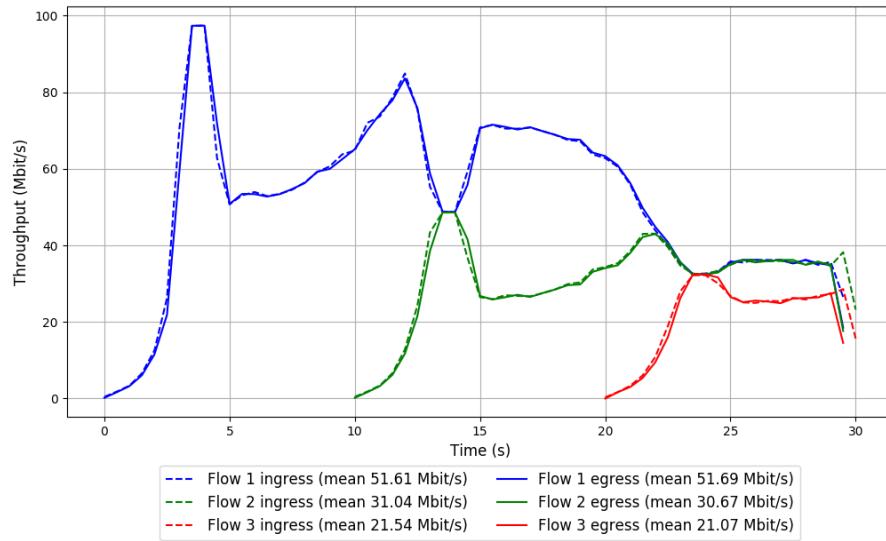


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-03-20 23:45:23
End at: 2018-03-20 23:45:53
Local clock offset: -13.231 ms
Remote clock offset: 10.216 ms

# Below is generated by plot.py at 2018-03-21 08:10:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.87 Mbit/s
95th percentile per-packet one-way delay: 110.205 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 51.69 Mbit/s
95th percentile per-packet one-way delay: 109.603 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 110.396 ms
Loss rate: 4.06%
-- Flow 3:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 110.881 ms
Loss rate: 8.01%
```

Run 1: Report of Vivace-LTE — Data Link

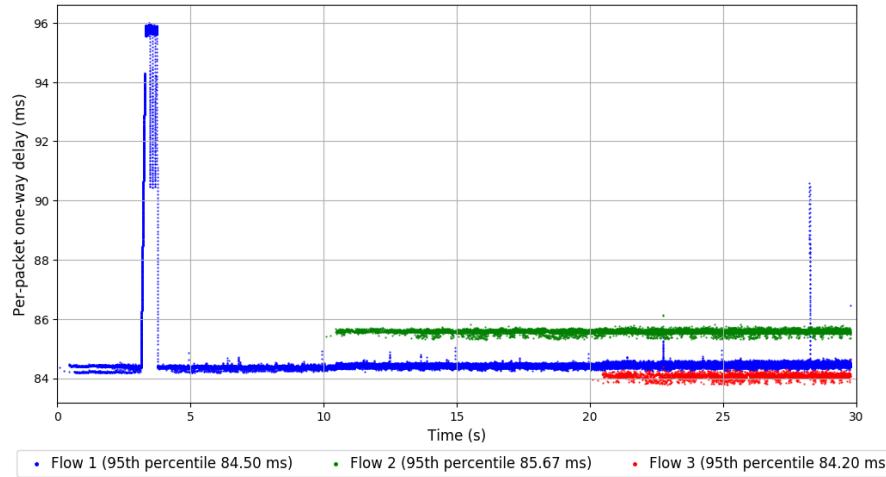
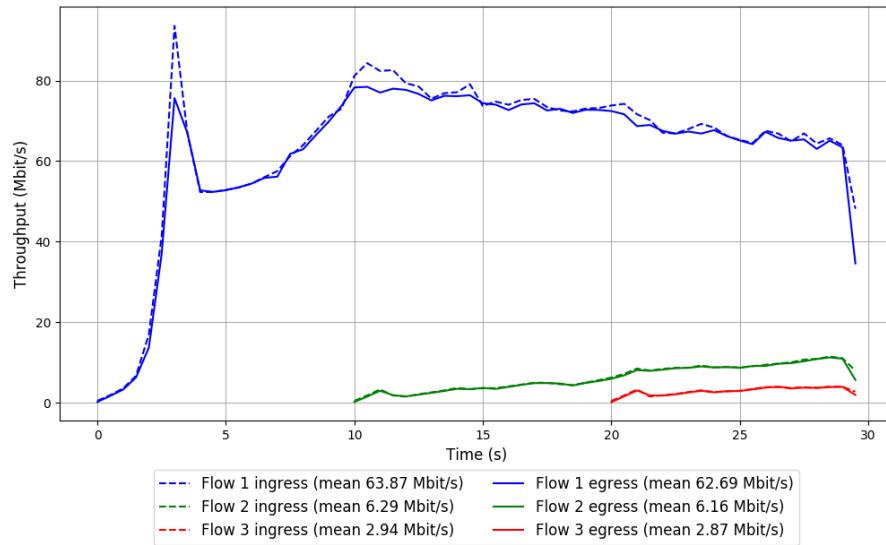


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-03-21 00:09:23
End at: 2018-03-21 00:09:53
Local clock offset: -13.916 ms
Remote clock offset: 2.307 ms

# Below is generated by plot.py at 2018-03-21 08:10:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 85.593 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 62.69 Mbit/s
95th percentile per-packet one-way delay: 84.503 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 85.665 ms
Loss rate: 3.02%
-- Flow 3:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 84.204 ms
Loss rate: 4.09%
```

Run 2: Report of Vivace-LTE — Data Link

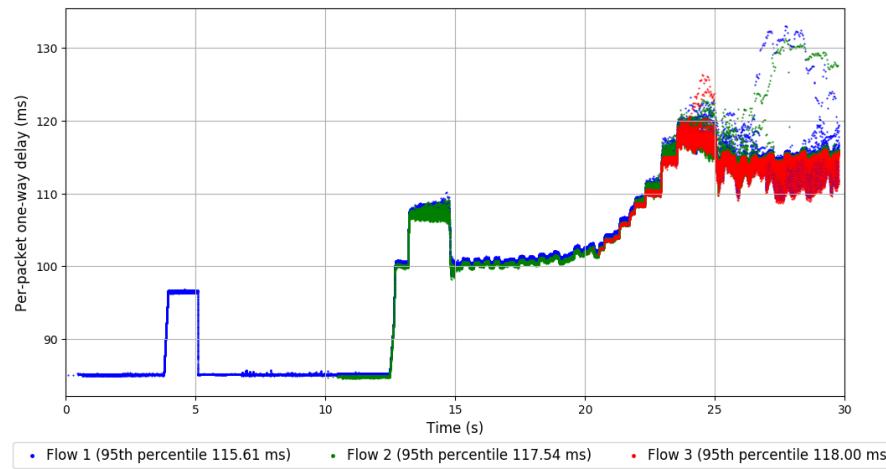
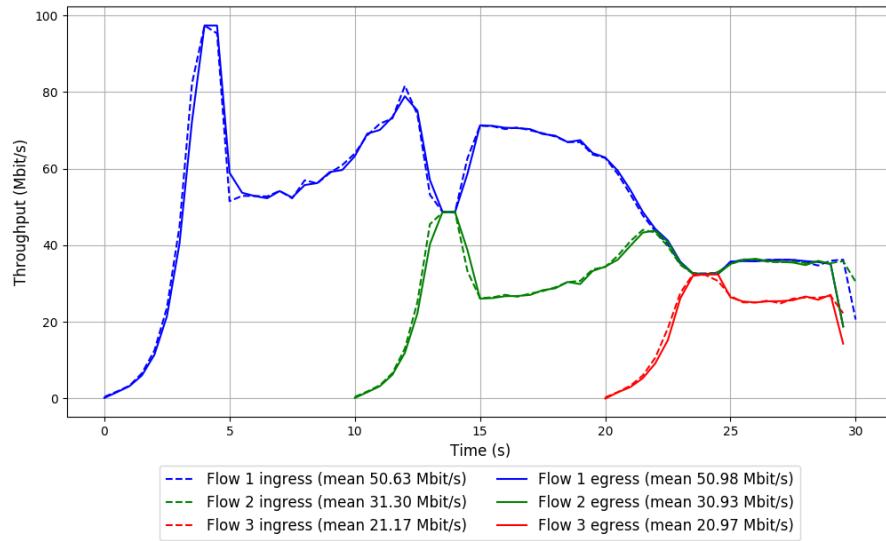


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-03-21 00:33:14
End at: 2018-03-21 00:33:44
Local clock offset: -14.176 ms
Remote clock offset: 2.4 ms

# Below is generated by plot.py at 2018-03-21 08:10:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 117.251 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 115.614 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 117.539 ms
Loss rate: 4.40%
-- Flow 3:
Average throughput: 20.97 Mbit/s
95th percentile per-packet one-way delay: 117.998 ms
Loss rate: 3.32%
```

Run 3: Report of Vivace-LTE — Data Link

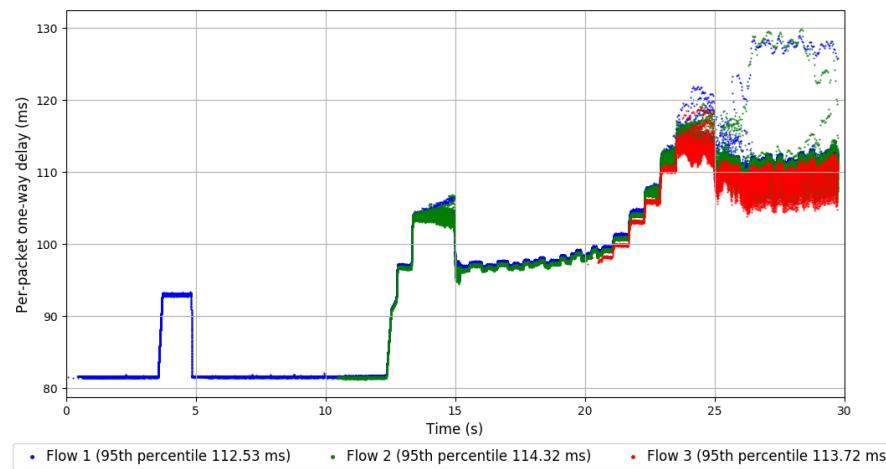
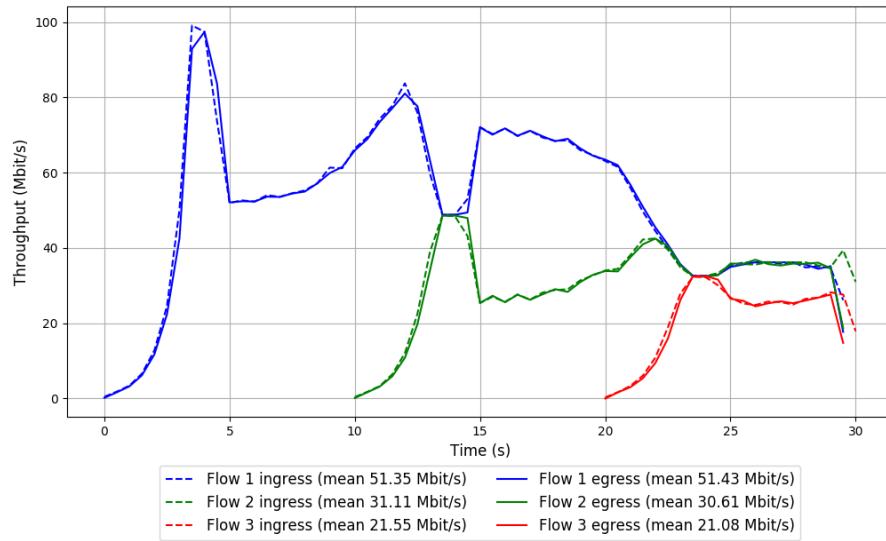


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-03-21 00:57:15
End at: 2018-03-21 00:57:45
Local clock offset: -14.183 ms
Remote clock offset: 6.237 ms

# Below is generated by plot.py at 2018-03-21 08:10:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: 113.526 ms
Loss rate: 2.36%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 112.525 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 114.323 ms
Loss rate: 4.73%
-- Flow 3:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 113.716 ms
Loss rate: 8.36%
```

Run 4: Report of Vivace-LTE — Data Link

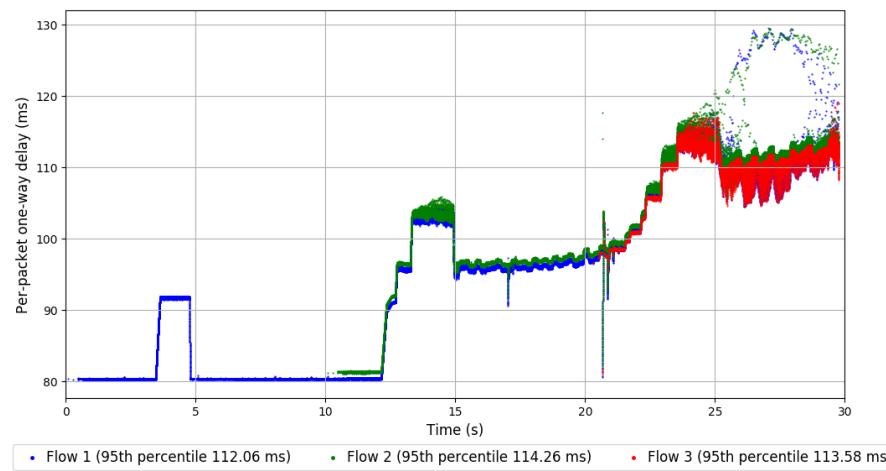
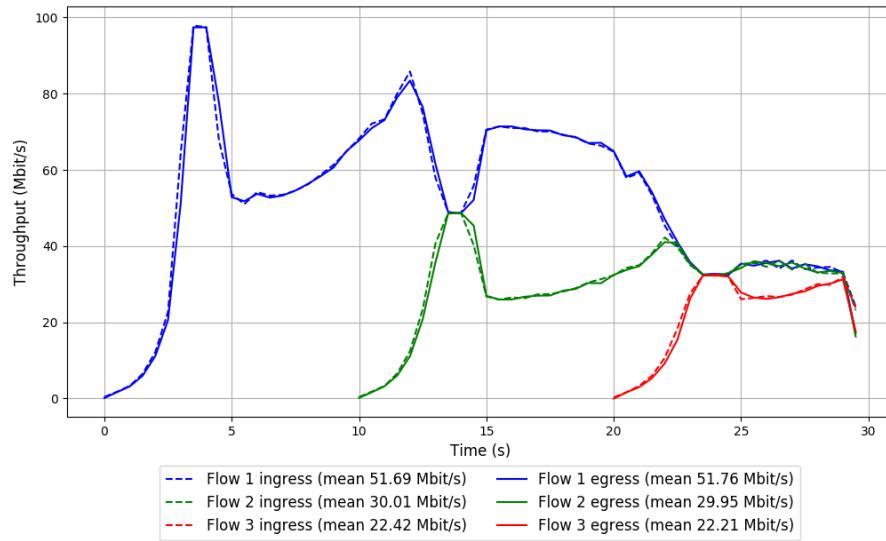


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-03-21 01:21:09
End at: 2018-03-21 01:21:39
Local clock offset: -14.324 ms
Remote clock offset: 5.498 ms

# Below is generated by plot.py at 2018-03-21 08:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 113.408 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 51.76 Mbit/s
95th percentile per-packet one-way delay: 112.060 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 114.258 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 113.584 ms
Loss rate: 3.10%
```

Run 5: Report of Vivace-LTE — Data Link

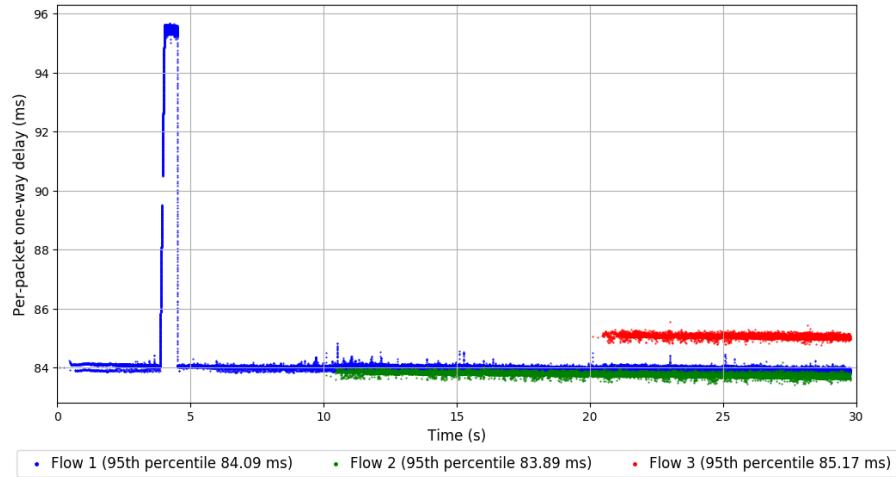
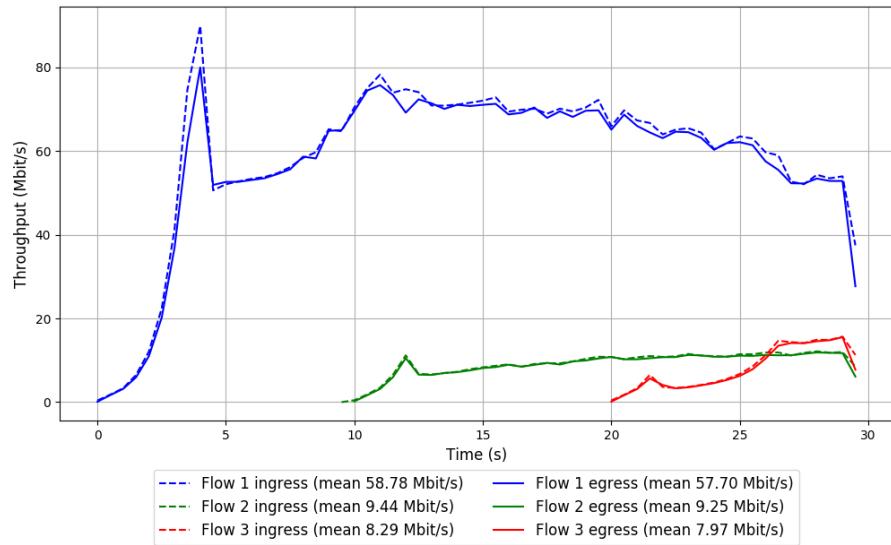


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-03-21 01:45:03
End at: 2018-03-21 01:45:33
Local clock offset: -8.877 ms
Remote clock offset: 0.713 ms

# Below is generated by plot.py at 2018-03-21 08:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.43 Mbit/s
95th percentile per-packet one-way delay: 85.042 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 84.094 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 83.890 ms
Loss rate: 2.98%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 85.175 ms
Loss rate: 5.58%
```

Run 6: Report of Vivace-LTE — Data Link

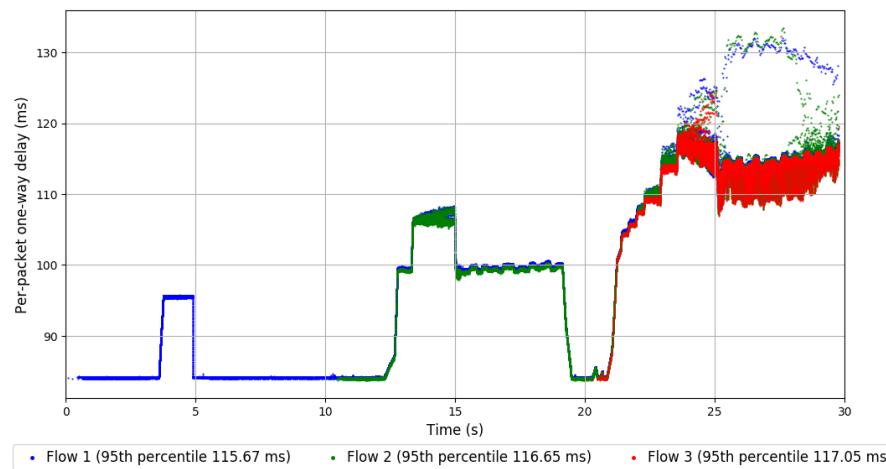
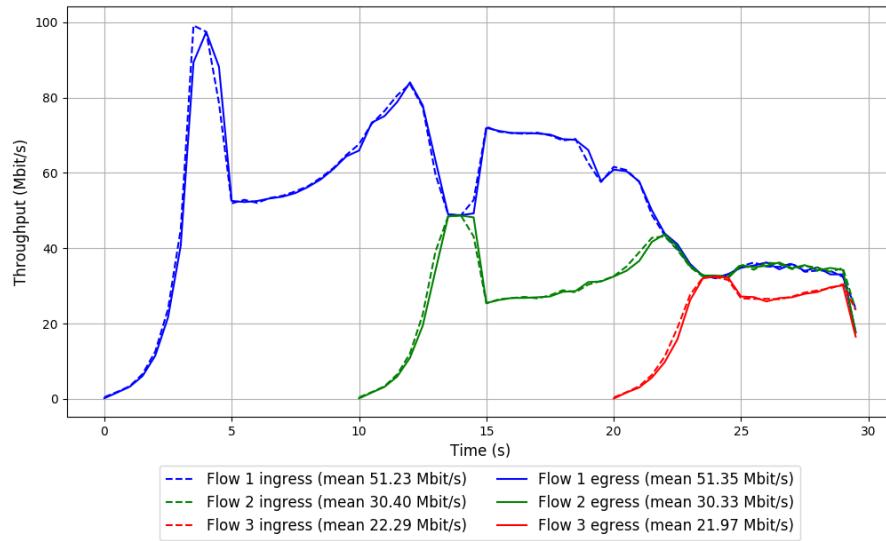


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-03-21 02:09:01
End at: 2018-03-21 02:09:31
Local clock offset: -2.089 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2018-03-21 08:10:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 116.334 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 115.674 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 30.33 Mbit/s
95th percentile per-packet one-way delay: 116.651 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 117.054 ms
Loss rate: 3.21%
```

Run 7: Report of Vivace-LTE — Data Link

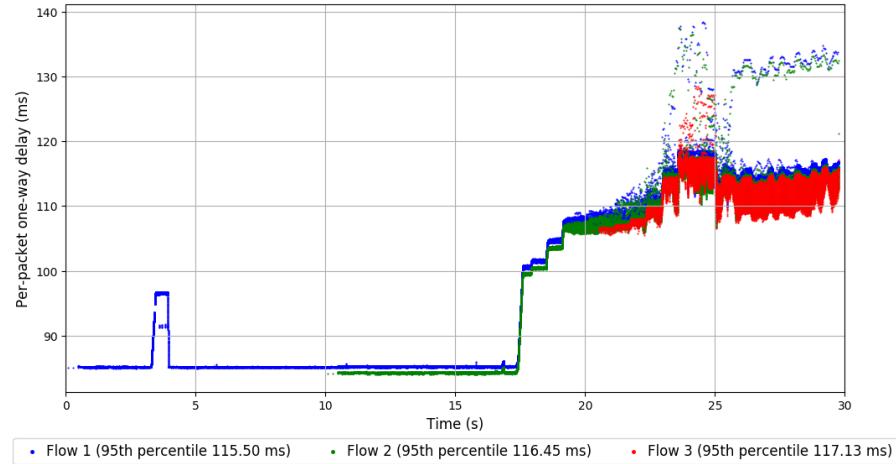
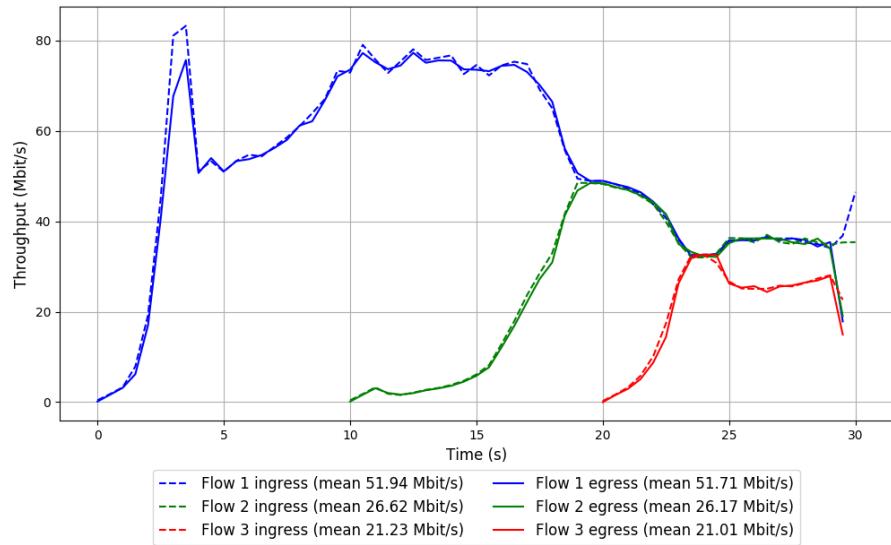


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-03-21 02:32:54
End at: 2018-03-21 02:33:24
Local clock offset: -4.445 ms
Remote clock offset: -1.014 ms

# Below is generated by plot.py at 2018-03-21 08:10:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 115.951 ms
Loss rate: 3.71%
-- Flow 1:
Average throughput: 51.71 Mbit/s
95th percentile per-packet one-way delay: 115.504 ms
Loss rate: 3.12%
-- Flow 2:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 116.446 ms
Loss rate: 5.54%
-- Flow 3:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 117.127 ms
Loss rate: 3.37%
```

Run 8: Report of Vivace-LTE — Data Link

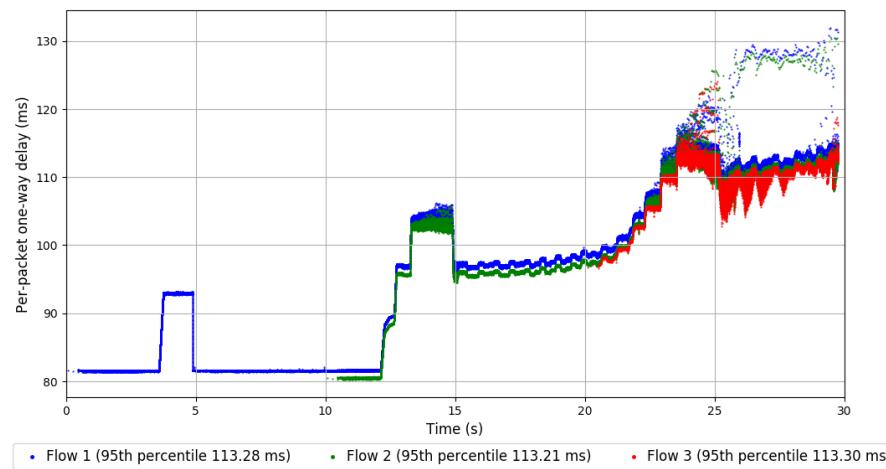
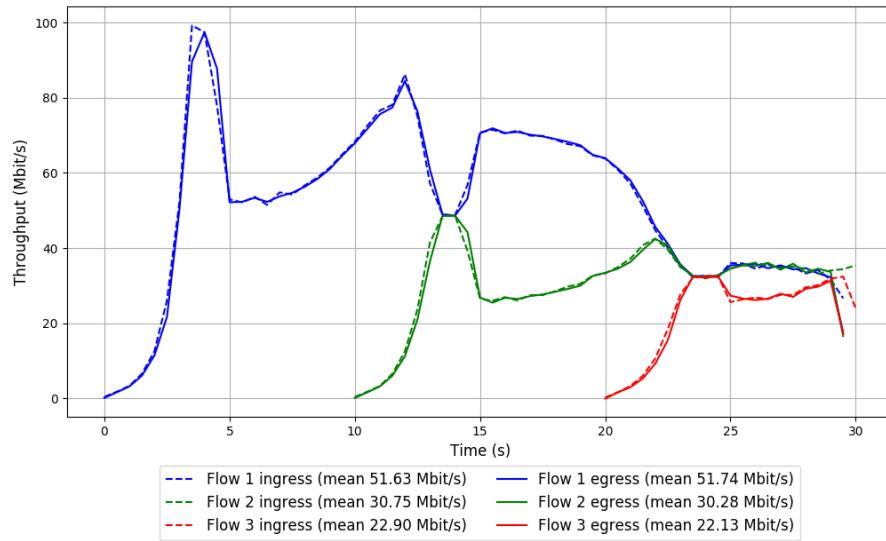


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-03-21 02:56:45
End at: 2018-03-21 02:57:15
Local clock offset: -5.261 ms
Remote clock offset: 1.973 ms

# Below is generated by plot.py at 2018-03-21 08:10:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 113.276 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 113.279 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: 113.209 ms
Loss rate: 4.84%
-- Flow 3:
Average throughput: 22.13 Mbit/s
95th percentile per-packet one-way delay: 113.300 ms
Loss rate: 9.88%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-03-21 03:20:52
End at: 2018-03-21 03:21:22
Local clock offset: -5.406 ms
Remote clock offset: 1.104 ms

# Below is generated by plot.py at 2018-03-21 08:10:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: 113.612 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 112.308 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 113.350 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 115.030 ms
Loss rate: 10.32%
```

Run 10: Report of Vivace-LTE — Data Link

