

Pantheon Summary (Generated at Sat, 29 Jul 2017 13:54:07 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

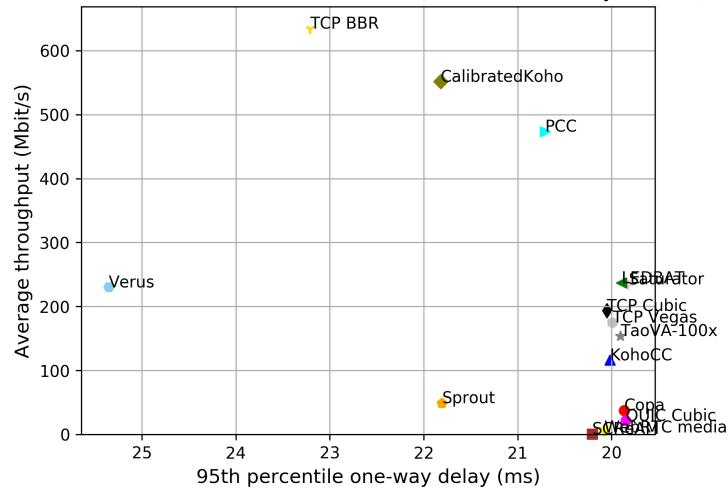
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

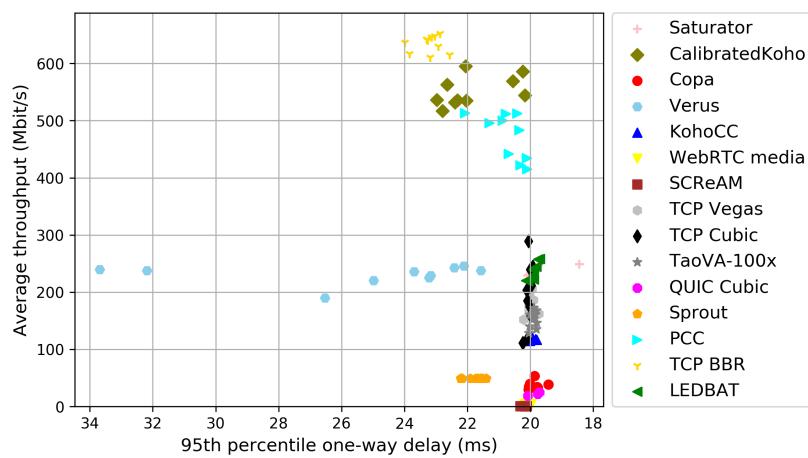
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
M scripts/merge-tunnel-logs
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



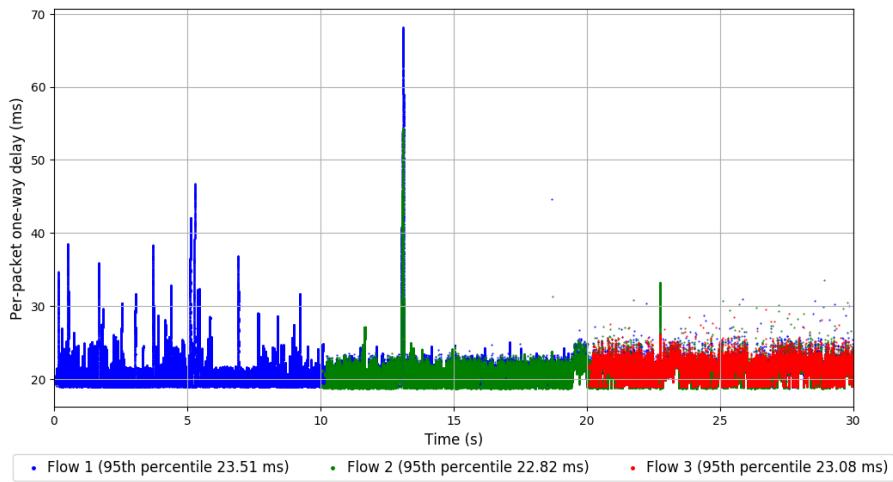
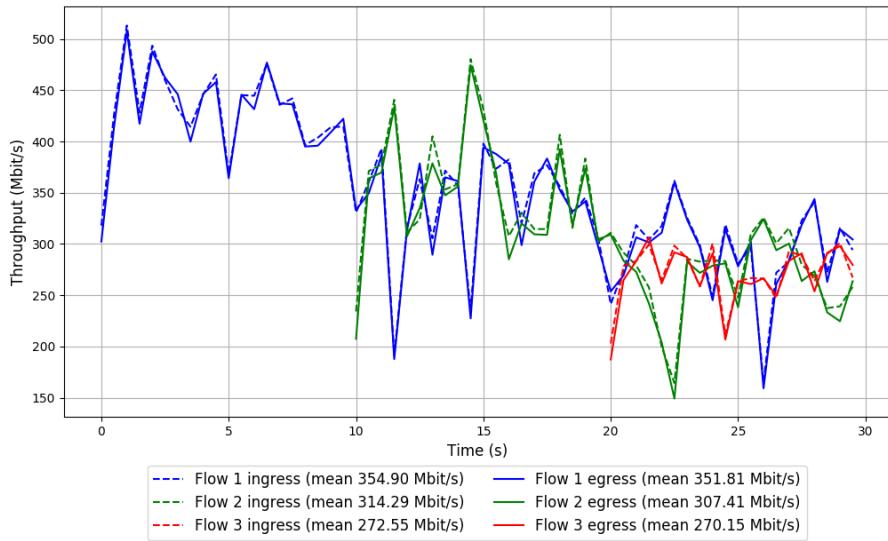
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	342.17	303.28	270.79	23.30	23.13	23.24	1.23	1.66	1.51
CalibratedKoho	10	325.62	251.60	178.03	21.66	21.80	21.72	0.12	0.15	0.29
Copa	10	19.27	18.39	17.60	19.73	19.56	19.72	0.00	0.00	0.00
TCP Cubic	10	69.48	107.01	125.84	1399.11	19.85	20.05	0.02	0.03	0.05
KohoCC	10	58.19	58.53	57.75	19.88	19.72	19.85	0.01	0.01	0.01
LEDBAT	10	131.90	113.15	89.89	19.72	19.93	19.58	0.03	0.04	0.04
PCC	10	330.50	155.45	121.01	20.60	20.61	20.24	0.17	0.19	0.05
QUIC Cubic	10	0.30	0.10	70.25	19.32	432.69	19.85	0.00	0.00	0.01
Saturator	10	117.35	117.29	117.02	19.69	19.65	19.65	0.01	0.01	0.01
SCReAM	10	0.22	0.22	0.22	20.21	20.02	20.00	0.00	0.00	0.00
Sprout	10	24.73	24.62	24.38	21.99	21.65	20.76	0.08	0.09	0.04
TaoVA-100x	10	96.71	65.77	39.92	19.59	19.89	19.74	0.03	0.07	0.01
TCP Vegas	10	86.71	82.92	99.94	20.00	19.40	19.77	0.02	0.03	0.03
Verus	10	142.22	95.98	75.78	26.24	24.10	24.30	0.67	0.90	0.82
WebRTC media	10	1.74	1.51	0.56	19.93	19.97	19.84	0.01	0.03	0.01

Run 1: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 04:30:15 +0000
End at: Sat, 29 Jul 2017 04:30:45 +0000
Local clock offset: -0.376 ms
Remote clock offset: -2.115 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:20:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 646.23 Mbit/s
95th percentile per-packet one-way delay: 23.141 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 351.81 Mbit/s
95th percentile per-packet one-way delay: 23.509 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 307.41 Mbit/s
95th percentile per-packet one-way delay: 22.816 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 270.15 Mbit/s
95th percentile per-packet one-way delay: 23.080 ms
Loss rate: 1.01%
```

Run 1: Report of TCP BBR — Data Link

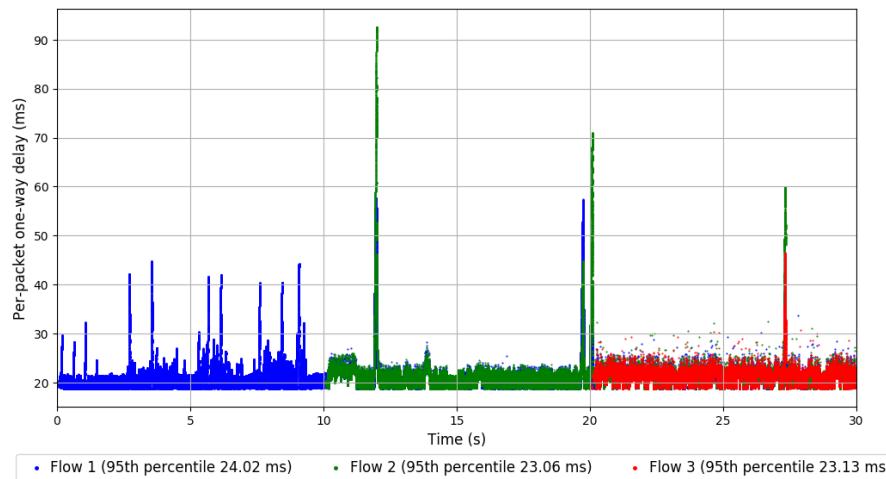
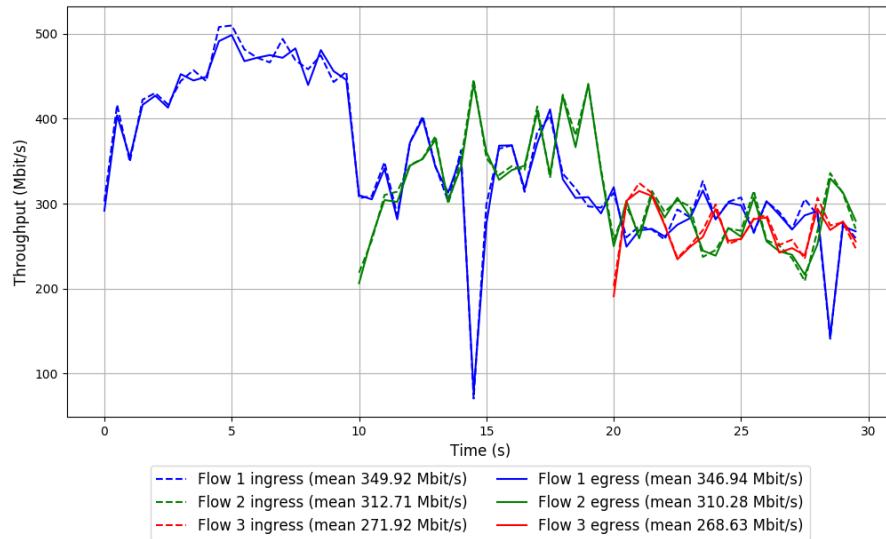


Run 2: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 04:51:06 +0000
End at: Sat, 29 Jul 2017 04:51:36 +0000
Local clock offset: 0.086 ms
Remote clock offset: -2.203 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:20:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 642.45 Mbit/s
95th percentile per-packet one-way delay: 23.297 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 346.94 Mbit/s
95th percentile per-packet one-way delay: 24.023 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 310.28 Mbit/s
95th percentile per-packet one-way delay: 23.058 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 268.63 Mbit/s
95th percentile per-packet one-way delay: 23.127 ms
Loss rate: 1.19%
```

Run 2: Report of TCP BBR — Data Link

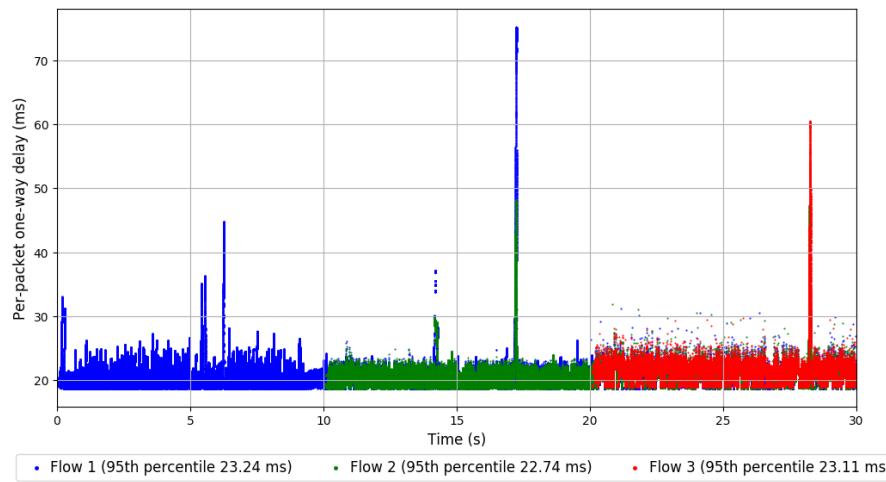
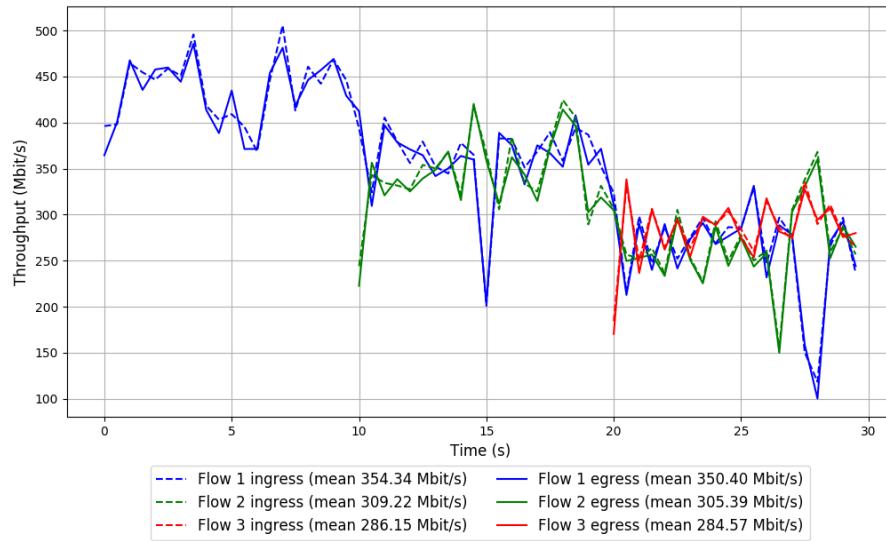


Run 3: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 05:11:50 +0000
End at: Sat, 29 Jul 2017 05:12:20 +0000
Local clock offset: 0.332 ms
Remote clock offset: -1.839 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:21:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 647.76 Mbit/s
95th percentile per-packet one-way delay: 23.035 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 350.40 Mbit/s
95th percentile per-packet one-way delay: 23.244 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 305.39 Mbit/s
95th percentile per-packet one-way delay: 22.740 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 284.57 Mbit/s
95th percentile per-packet one-way delay: 23.112 ms
Loss rate: 0.66%
```

Run 3: Report of TCP BBR — Data Link

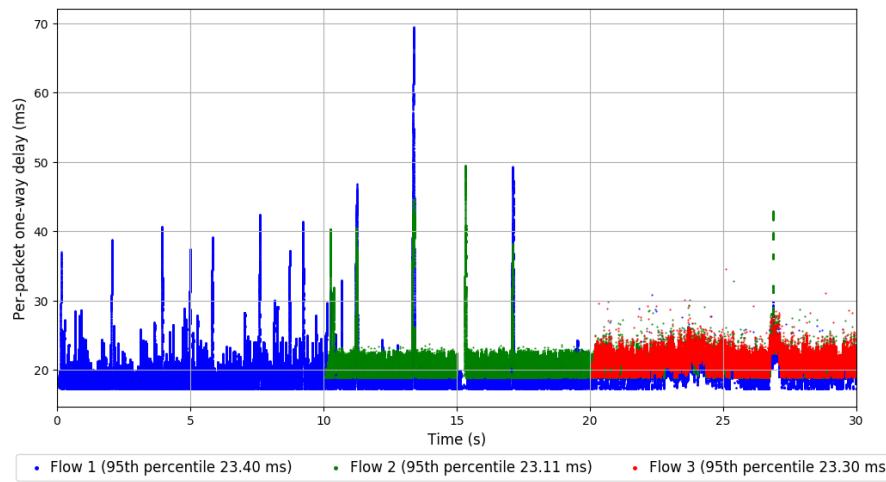
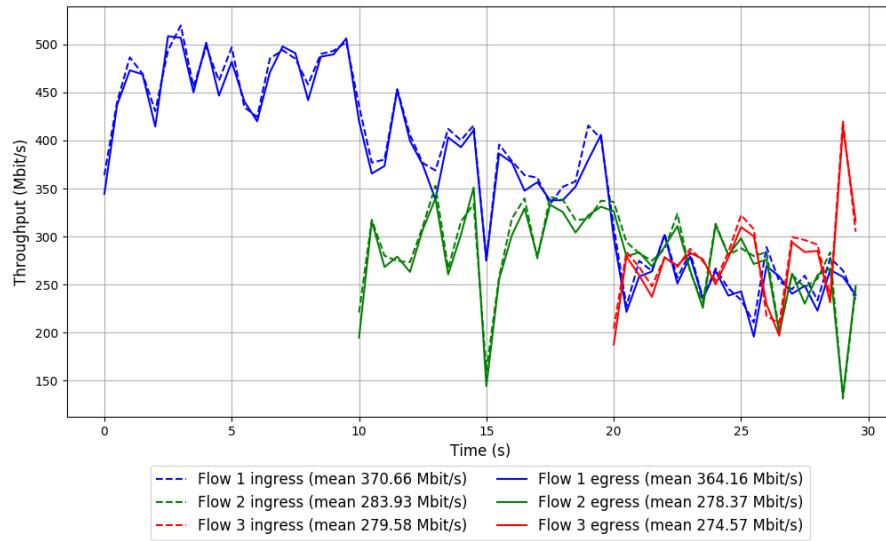


Run 4: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 05:32:37 +0000
End at: Sat, 29 Jul 2017 05:33:07 +0000
Local clock offset: 0.646 ms
Remote clock offset: -1.248 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:21:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 640.32 Mbit/s
95th percentile per-packet one-way delay: 23.268 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 364.16 Mbit/s
95th percentile per-packet one-way delay: 23.402 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 278.37 Mbit/s
95th percentile per-packet one-way delay: 23.106 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 274.57 Mbit/s
95th percentile per-packet one-way delay: 23.295 ms
Loss rate: 1.79%
```

Run 4: Report of TCP BBR — Data Link

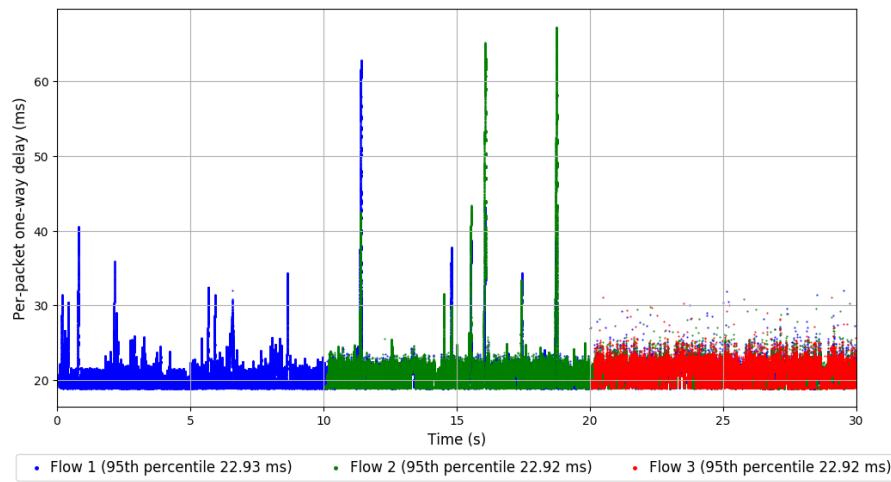
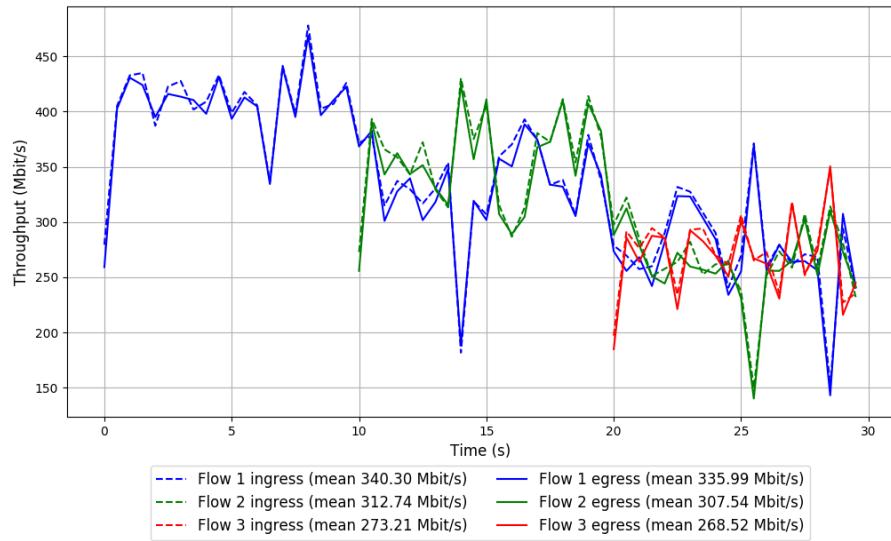


Run 5: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 05:53:24 +0000
End at: Sat, 29 Jul 2017 05:53:54 +0000
Local clock offset: 1.009 ms
Remote clock offset: -1.074 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:22:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 629.90 Mbit/s
95th percentile per-packet one-way delay: 22.927 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 335.99 Mbit/s
95th percentile per-packet one-way delay: 22.934 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 307.54 Mbit/s
95th percentile per-packet one-way delay: 22.924 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 268.52 Mbit/s
95th percentile per-packet one-way delay: 22.921 ms
Loss rate: 1.78%
```

Run 5: Report of TCP BBR — Data Link

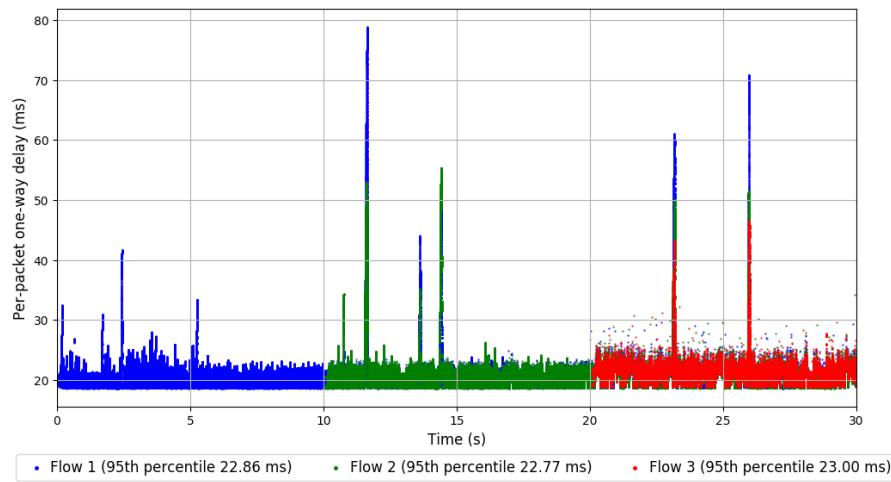
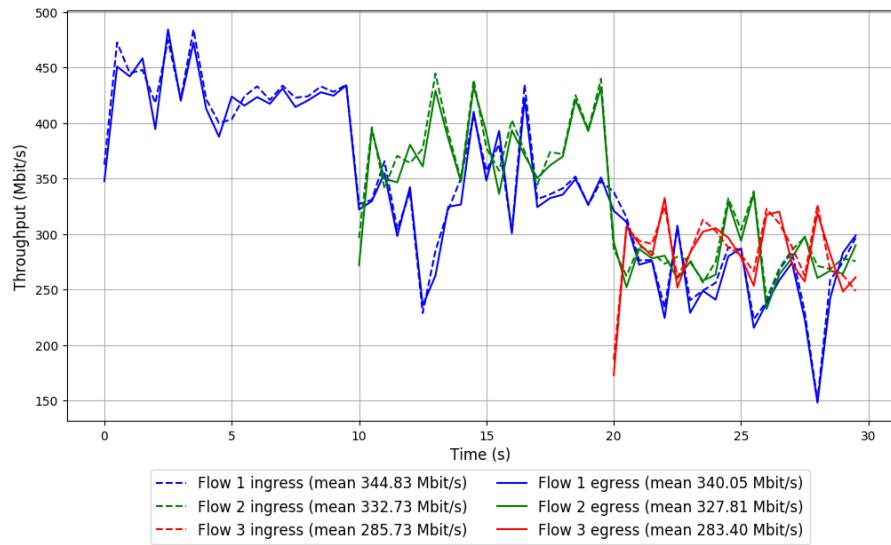


Run 6: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 06:14:09 +0000
End at: Sat, 29 Jul 2017 06:14:39 +0000
Local clock offset: 1.014 ms
Remote clock offset: -1.281 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:22:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 652.37 Mbit/s
95th percentile per-packet one-way delay: 22.870 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 340.05 Mbit/s
95th percentile per-packet one-way delay: 22.861 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 327.81 Mbit/s
95th percentile per-packet one-way delay: 22.766 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 283.40 Mbit/s
95th percentile per-packet one-way delay: 22.997 ms
Loss rate: 0.93%
```

Run 6: Report of TCP BBR — Data Link

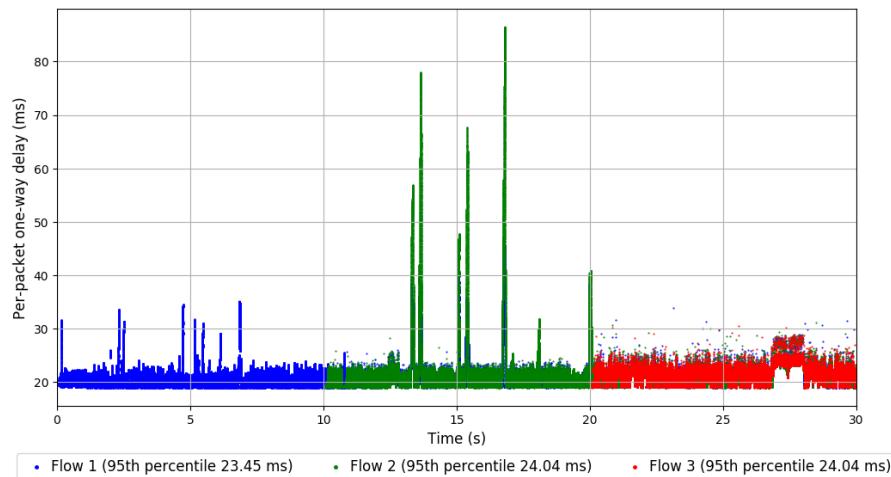
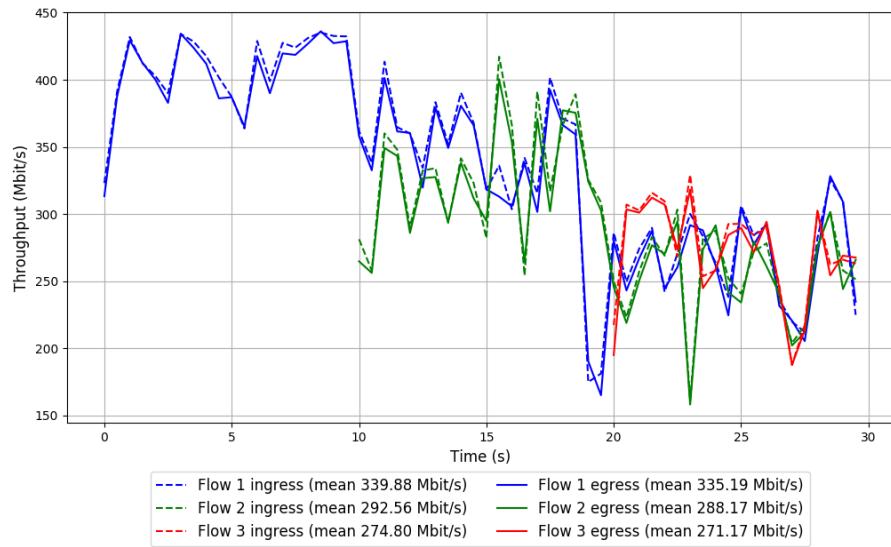


Run 7: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 06:35:00 +0000
End at: Sat, 29 Jul 2017 06:35:30 +0000
Local clock offset: 0.866 ms
Remote clock offset: -1.152 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:23:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 617.00 Mbit/s
95th percentile per-packet one-way delay: 23.838 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 335.19 Mbit/s
95th percentile per-packet one-way delay: 23.454 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 288.17 Mbit/s
95th percentile per-packet one-way delay: 24.040 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 271.17 Mbit/s
95th percentile per-packet one-way delay: 24.043 ms
Loss rate: 1.32%
```

Run 7: Report of TCP BBR — Data Link

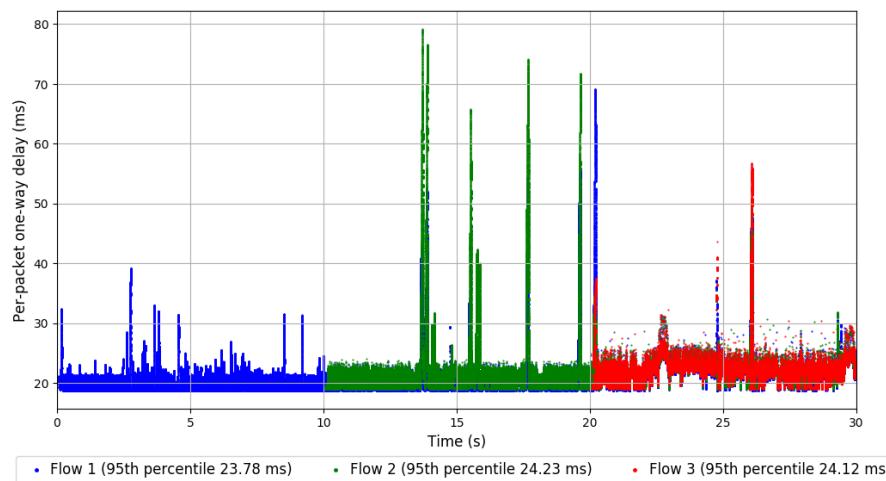
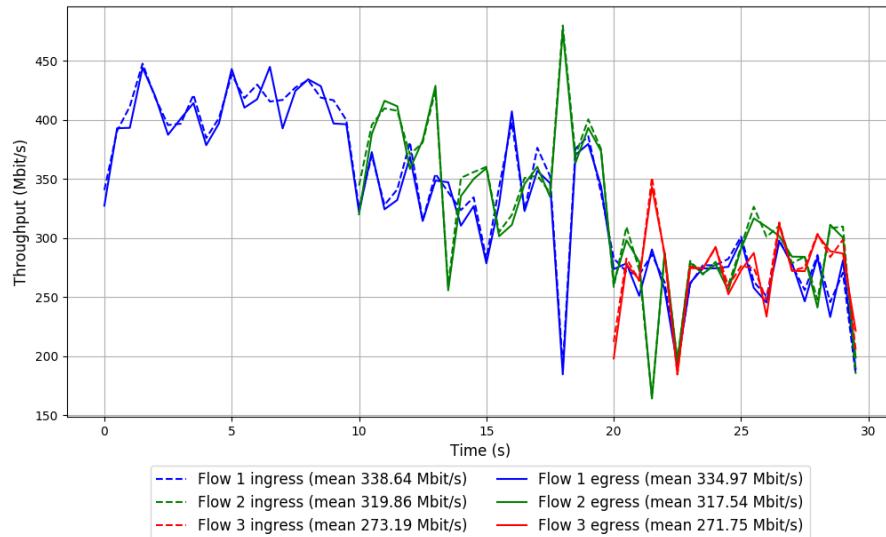


Run 8: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 06:55:38 +0000
End at: Sat, 29 Jul 2017 06:56:08 +0000
Local clock offset: 0.804 ms
Remote clock offset: -1.182 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:24:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 636.55 Mbit/s
95th percentile per-packet one-way delay: 23.994 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 334.97 Mbit/s
95th percentile per-packet one-way delay: 23.778 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 317.54 Mbit/s
95th percentile per-packet one-way delay: 24.230 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 271.75 Mbit/s
95th percentile per-packet one-way delay: 24.124 ms
Loss rate: 0.59%
```

Run 8: Report of TCP BBR — Data Link

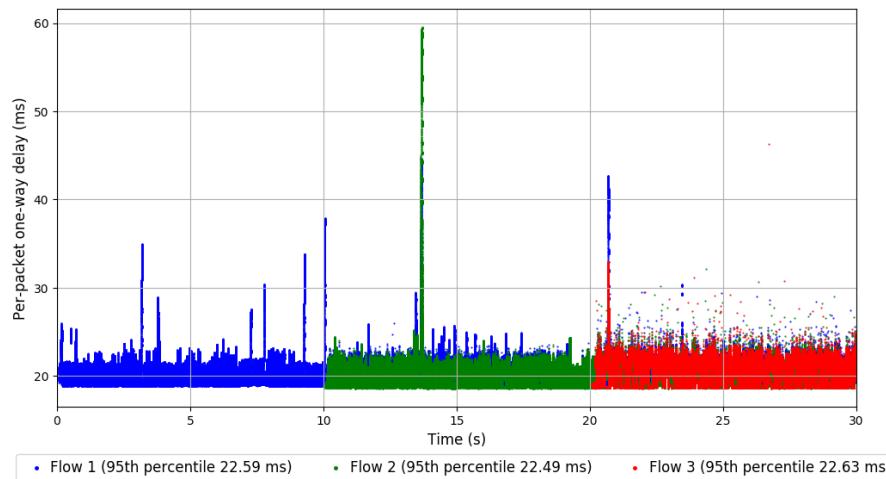
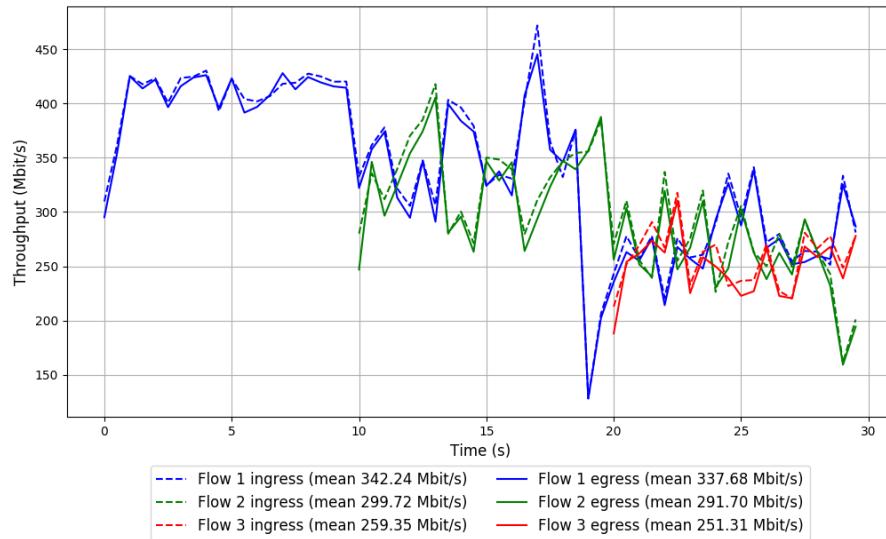


Run 9: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 07:16:09 +0000
End at: Sat, 29 Jul 2017 07:16:39 +0000
Local clock offset: 0.779 ms
Remote clock offset: -1.176 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:25:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 615.18 Mbit/s
95th percentile per-packet one-way delay: 22.570 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 337.68 Mbit/s
95th percentile per-packet one-way delay: 22.590 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 291.70 Mbit/s
95th percentile per-packet one-way delay: 22.490 ms
Loss rate: 2.67%
-- Flow 3:
Average throughput: 251.31 Mbit/s
95th percentile per-packet one-way delay: 22.634 ms
Loss rate: 3.06%
```

Run 9: Report of TCP BBR — Data Link

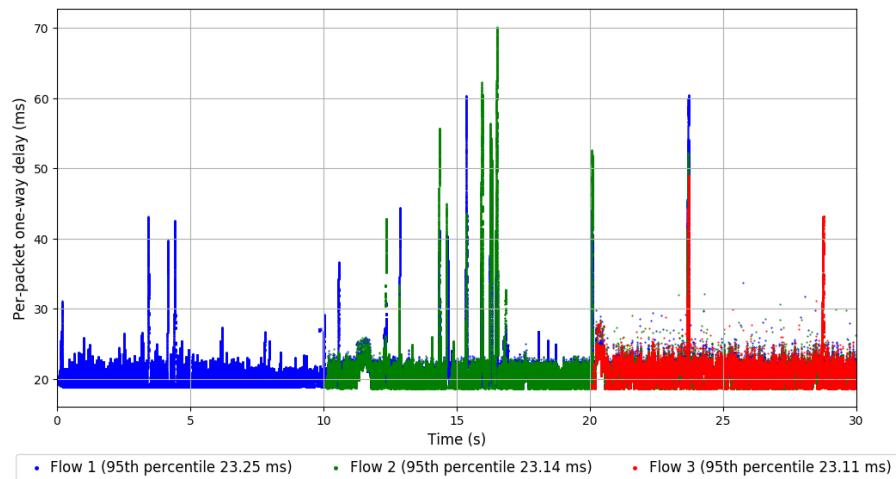
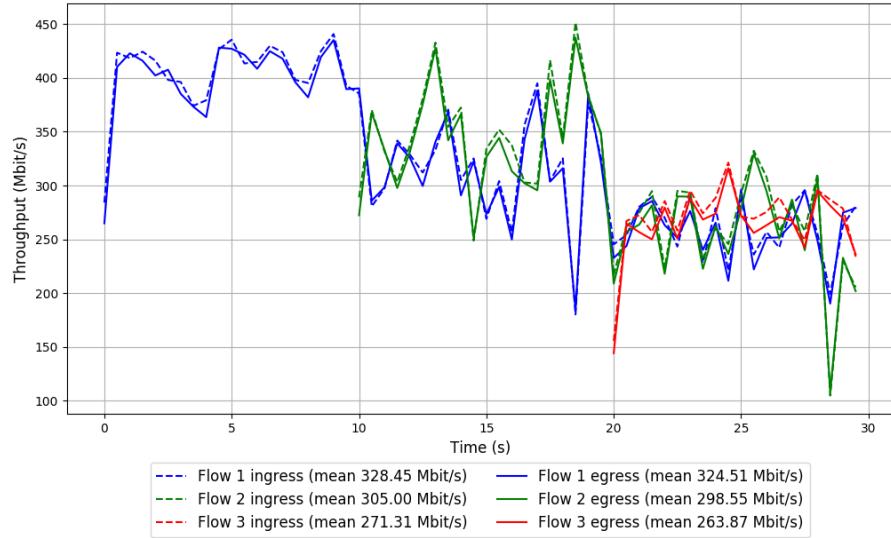


Run 10: Statistics of TCP BBR

```
Start at: Sat, 29 Jul 2017 07:36:50 +0000
End at: Sat, 29 Jul 2017 07:37:20 +0000
Local clock offset: 0.752 ms
Remote clock offset: -1.281 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:25:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 610.86 Mbit/s
95th percentile per-packet one-way delay: 23.182 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 324.51 Mbit/s
95th percentile per-packet one-way delay: 23.250 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 298.55 Mbit/s
95th percentile per-packet one-way delay: 23.136 ms
Loss rate: 2.12%
-- Flow 3:
Average throughput: 263.87 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 2.73%
```

Run 10: Report of TCP BBR — Data Link

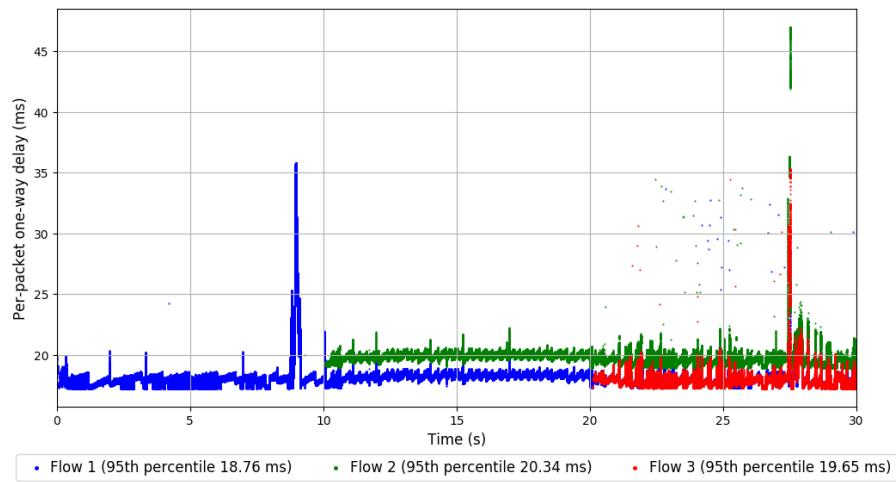
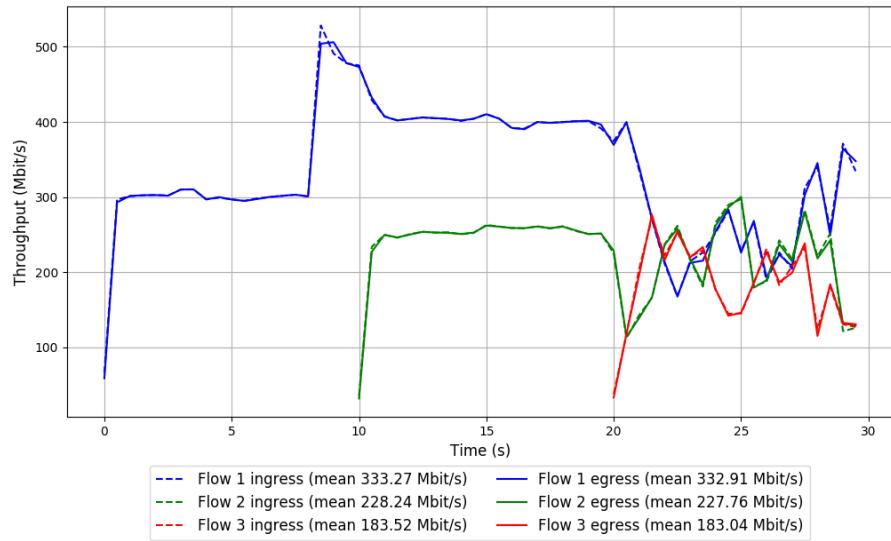


```
Run 1: Statistics of CalibratedKoho

Start at: Sat, 29 Jul 2017 04:19:07 +0000
End at: Sat, 29 Jul 2017 04:19:37 +0000
Local clock offset: -0.431 ms
Remote clock offset: -2.265 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:26:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 544.46 Mbit/s
95th percentile per-packet one-way delay: 20.174 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 332.91 Mbit/s
95th percentile per-packet one-way delay: 18.762 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 227.76 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 183.04 Mbit/s
95th percentile per-packet one-way delay: 19.654 ms
Loss rate: 0.34%
```

Run 1: Report of CalibratedKoho — Data Link

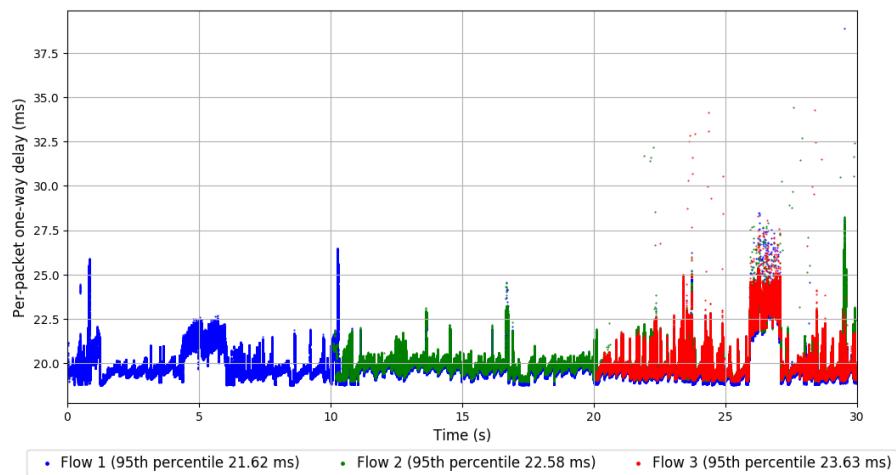
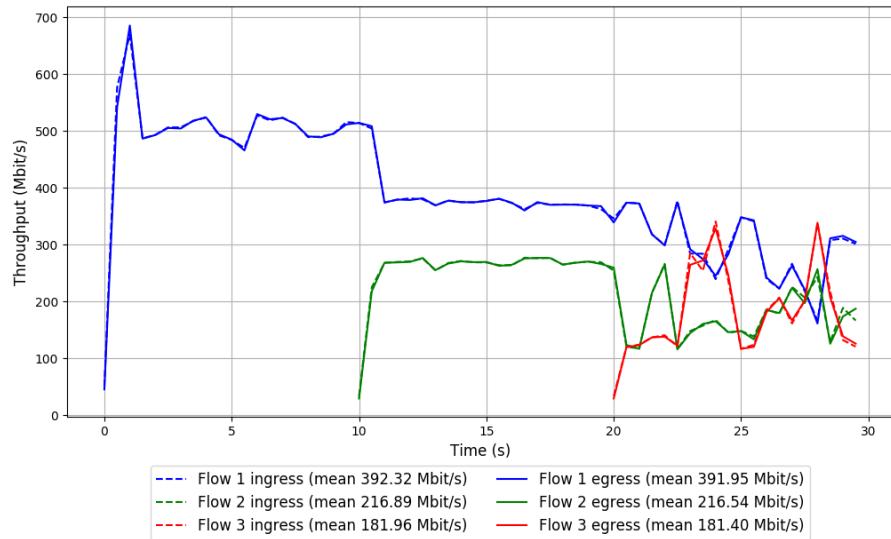


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 04:39:56 +0000
End at: Sat, 29 Jul 2017 04:40:26 +0000
Local clock offset: -0.107 ms
Remote clock offset: -2.066 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:26:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 595.49 Mbit/s
95th percentile per-packet one-way delay: 22.055 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 391.95 Mbit/s
95th percentile per-packet one-way delay: 21.623 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 216.54 Mbit/s
95th percentile per-packet one-way delay: 22.584 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 181.40 Mbit/s
95th percentile per-packet one-way delay: 23.629 ms
Loss rate: 0.31%
```

Run 2: Report of CalibratedKoho — Data Link

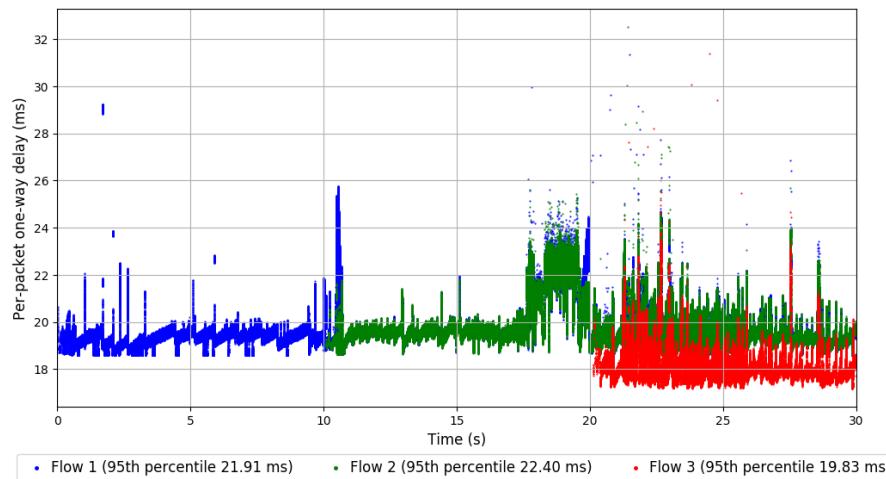
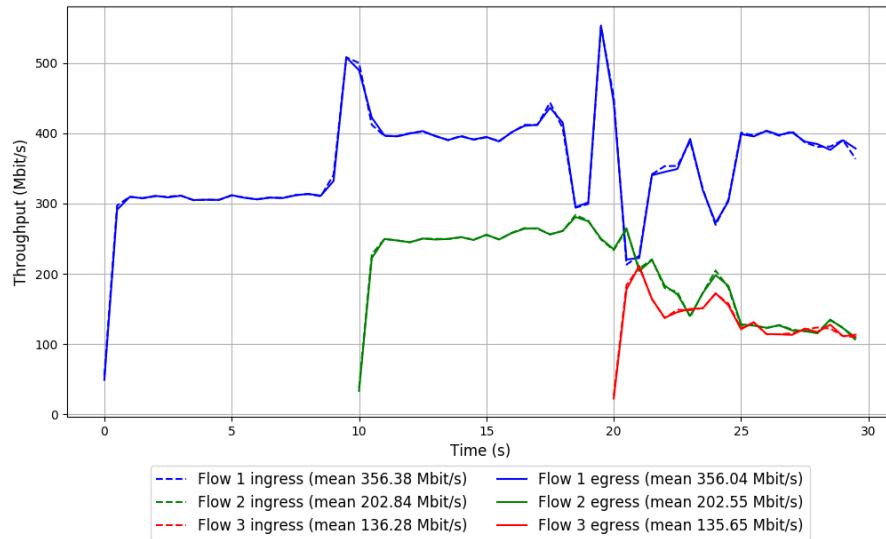


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 05:00:44 +0000
End at: Sat, 29 Jul 2017 05:01:14 +0000
Local clock offset: 0.236 ms
Remote clock offset: -2.029 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:27:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 535.11 Mbit/s
95th percentile per-packet one-way delay: 22.035 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 356.04 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 202.55 Mbit/s
95th percentile per-packet one-way delay: 22.402 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 135.65 Mbit/s
95th percentile per-packet one-way delay: 19.830 ms
Loss rate: 0.46%
```

Run 3: Report of CalibratedKoho — Data Link

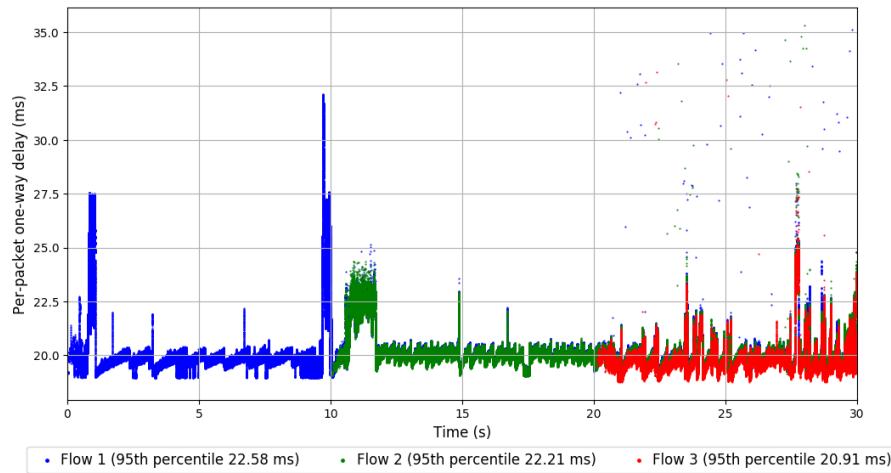
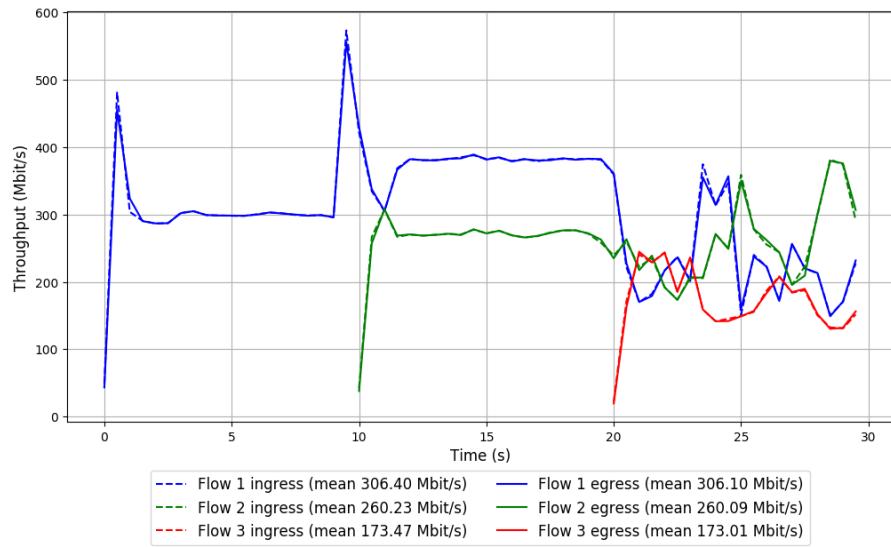


Run 4: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 05:21:31 +0000
End at: Sat, 29 Jul 2017 05:22:01 +0000
Local clock offset: 0.566 ms
Remote clock offset: -1.5 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:27:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 535.86 Mbit/s
95th percentile per-packet one-way delay: 22.320 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 306.10 Mbit/s
95th percentile per-packet one-way delay: 22.578 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 260.09 Mbit/s
95th percentile per-packet one-way delay: 22.211 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 173.01 Mbit/s
95th percentile per-packet one-way delay: 20.908 ms
Loss rate: 0.23%
```

Run 4: Report of CalibratedKoho — Data Link

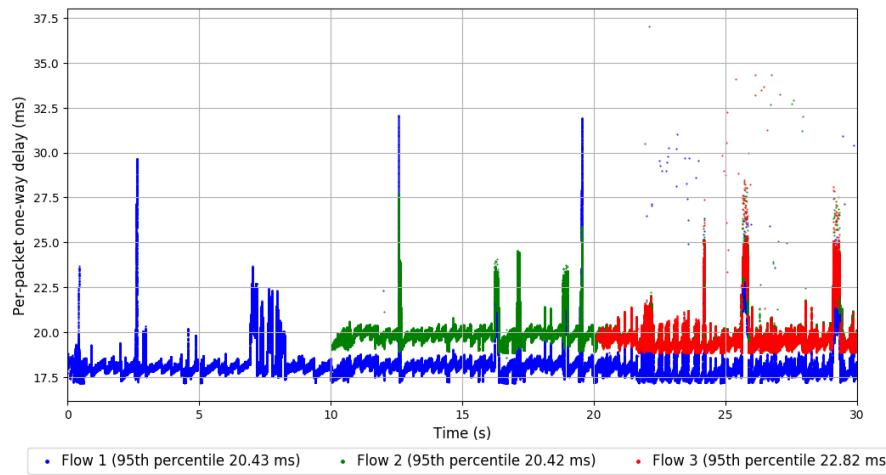
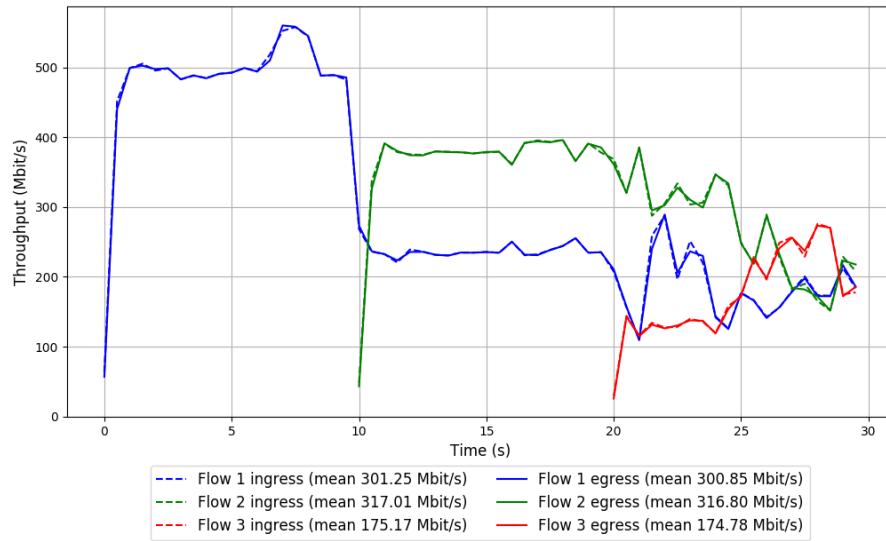


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 05:42:14 +0000
End at: Sat, 29 Jul 2017 05:42:44 +0000
Local clock offset: 0.908 ms
Remote clock offset: -1.21 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:28:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 569.27 Mbit/s
95th percentile per-packet one-way delay: 20.554 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 300.85 Mbit/s
95th percentile per-packet one-way delay: 20.425 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 316.80 Mbit/s
95th percentile per-packet one-way delay: 20.416 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 174.78 Mbit/s
95th percentile per-packet one-way delay: 22.822 ms
Loss rate: 0.28%
```

Run 5: Report of CalibratedKoho — Data Link

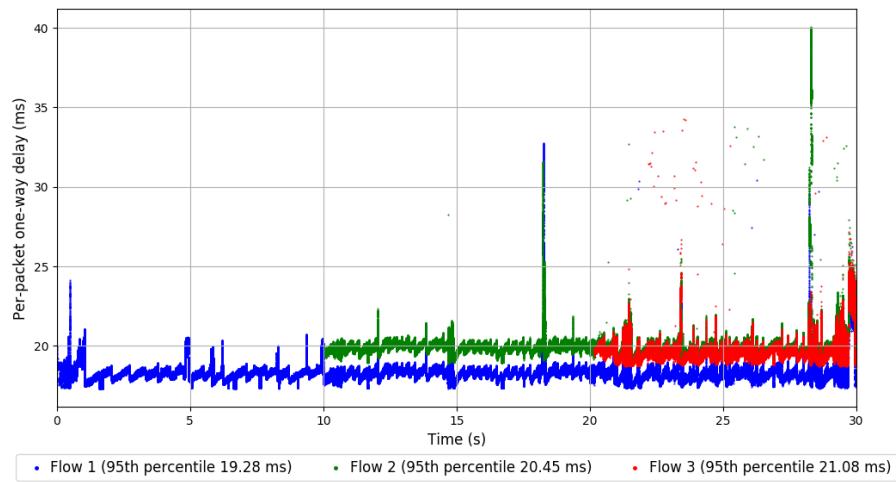
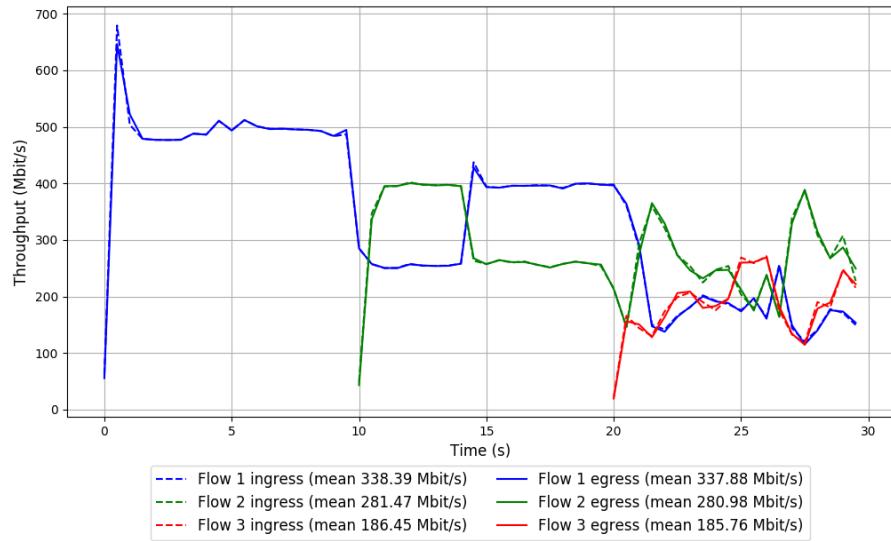


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 06:03:02 +0000
End at: Sat, 29 Jul 2017 06:03:32 +0000
Local clock offset: 1.091 ms
Remote clock offset: -1.092 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:29:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 585.82 Mbit/s
95th percentile per-packet one-way delay: 20.240 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 337.88 Mbit/s
95th percentile per-packet one-way delay: 19.277 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 280.98 Mbit/s
95th percentile per-packet one-way delay: 20.448 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 185.76 Mbit/s
95th percentile per-packet one-way delay: 21.080 ms
Loss rate: 0.42%
```

Run 6: Report of CalibratedKoho — Data Link

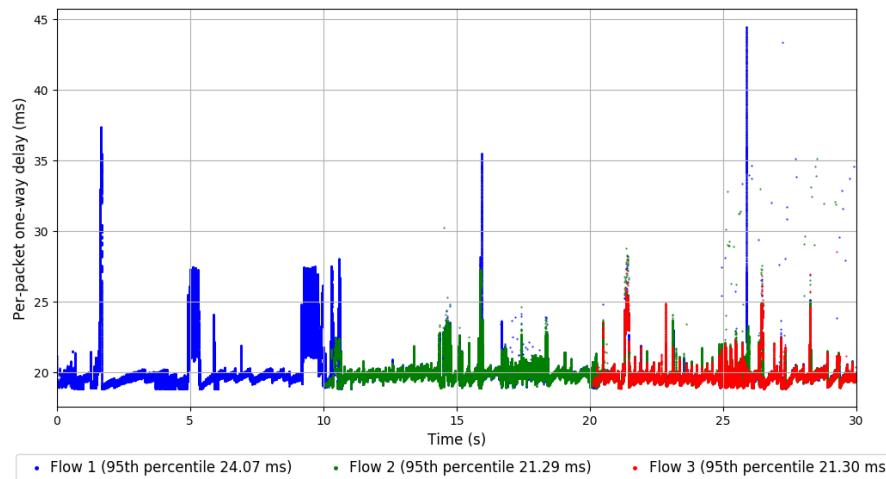
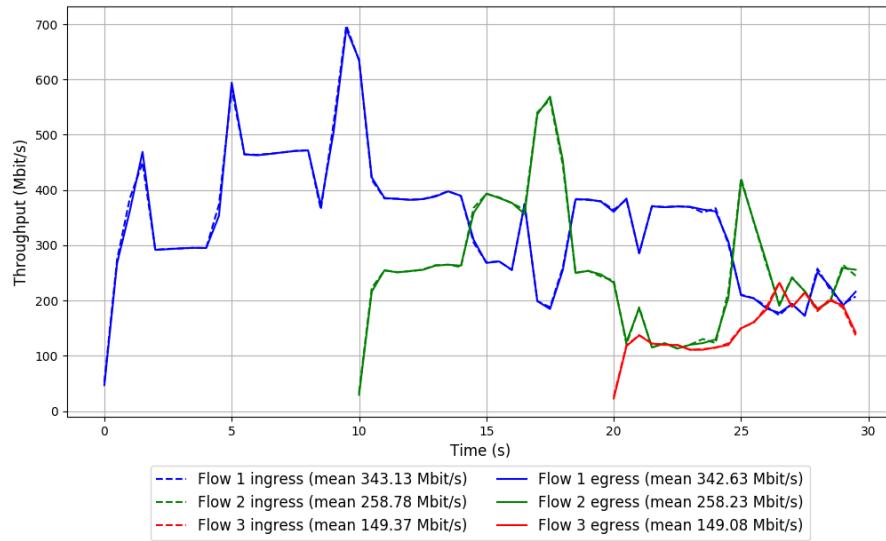


Run 7: Statistics of CalibratedKoho

```
Start at: Sat, 29 Jul 2017 06:23:47 +0000
End at: Sat, 29 Jul 2017 06:24:17 +0000
Local clock offset: 0.991 ms
Remote clock offset: -1.223 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:29:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 563.12 Mbit/s
95th percentile per-packet one-way delay: 22.650 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 342.63 Mbit/s
95th percentile per-packet one-way delay: 24.065 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 258.23 Mbit/s
95th percentile per-packet one-way delay: 21.286 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 149.08 Mbit/s
95th percentile per-packet one-way delay: 21.304 ms
Loss rate: 0.18%
```

Run 7: Report of CalibratedKoho — Data Link

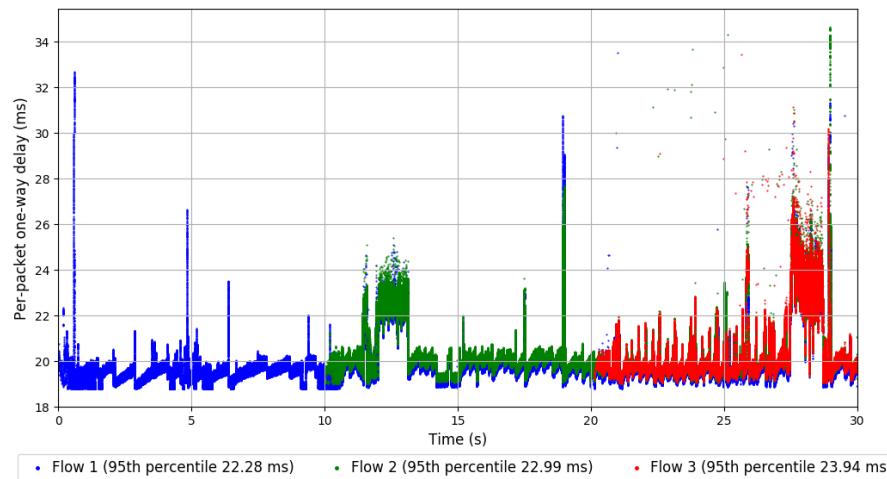
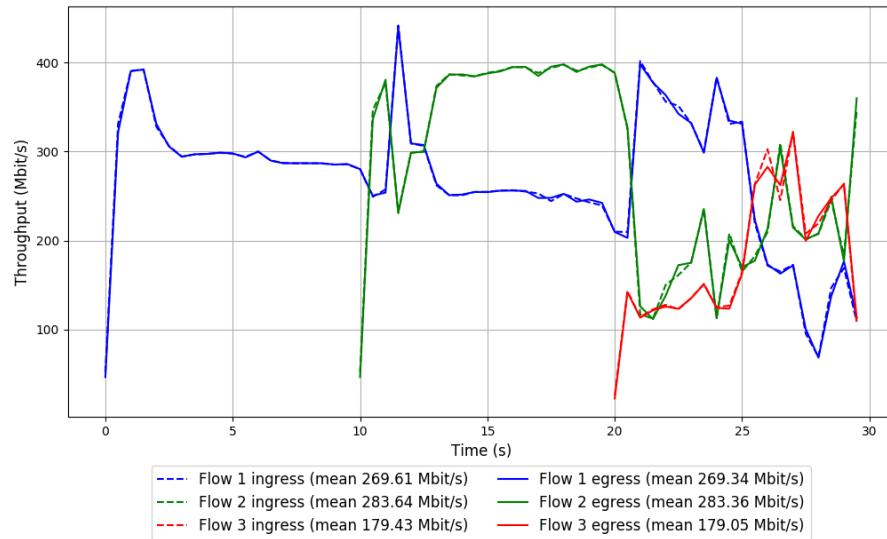


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 06:44:34 +0000
End at: Sat, 29 Jul 2017 06:45:04 +0000
Local clock offset: 0.841 ms
Remote clock offset: -1.193 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:30:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 516.90 Mbit/s
95th percentile per-packet one-way delay: 22.795 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 269.34 Mbit/s
95th percentile per-packet one-way delay: 22.281 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 283.36 Mbit/s
95th percentile per-packet one-way delay: 22.993 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 179.05 Mbit/s
95th percentile per-packet one-way delay: 23.937 ms
Loss rate: 0.29%
```

Run 8: Report of CalibratedKoho — Data Link

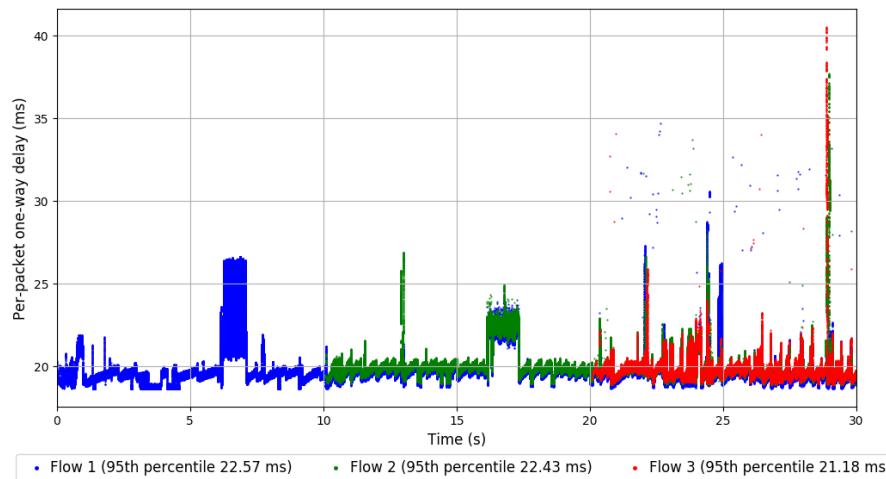
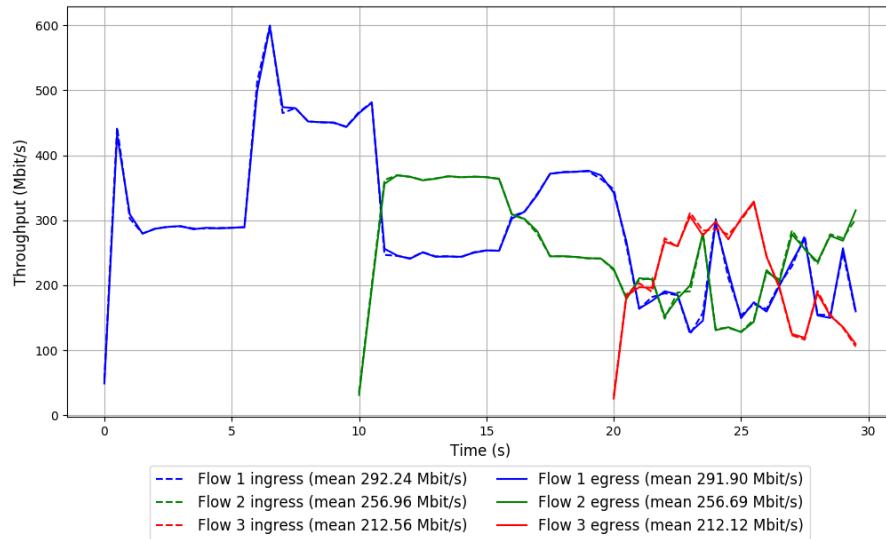


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 07:05:10 +0000
End at: Sat, 29 Jul 2017 07:05:40 +0000
Local clock offset: 0.842 ms
Remote clock offset: -1.115 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:30:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.17 Mbit/s
95th percentile per-packet one-way delay: 22.398 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 291.90 Mbit/s
95th percentile per-packet one-way delay: 22.567 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 256.69 Mbit/s
95th percentile per-packet one-way delay: 22.426 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 212.12 Mbit/s
95th percentile per-packet one-way delay: 21.183 ms
Loss rate: 0.21%
```

Run 9: Report of CalibratedKoho — Data Link

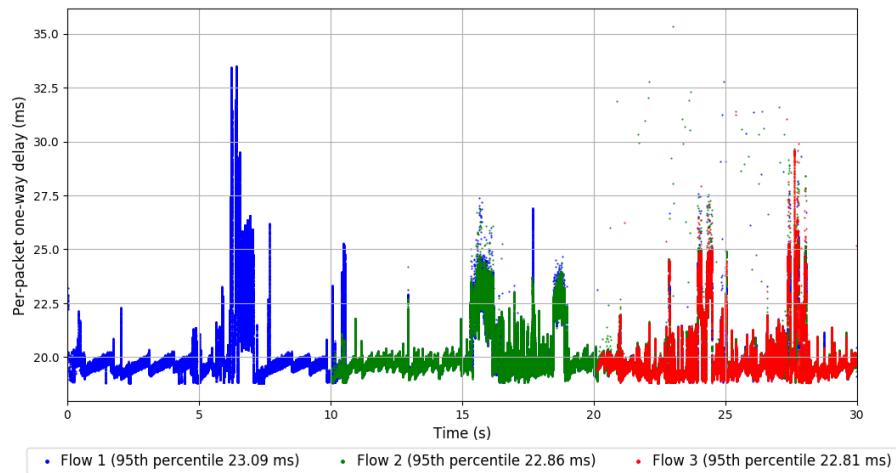
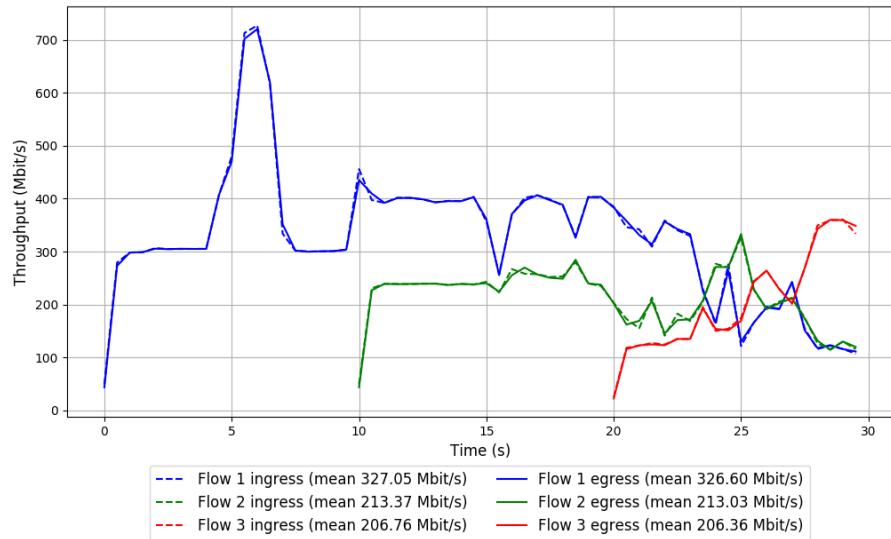


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Sat, 29 Jul 2017 07:25:45 +0000
End at: Sat, 29 Jul 2017 07:26:15 +0000
Local clock offset: 0.764 ms
Remote clock offset: -1.323 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 536.24 Mbit/s
95th percentile per-packet one-way delay: 22.978 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 326.60 Mbit/s
95th percentile per-packet one-way delay: 23.092 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 213.03 Mbit/s
95th percentile per-packet one-way delay: 22.863 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 206.36 Mbit/s
95th percentile per-packet one-way delay: 22.812 ms
Loss rate: 0.19%
```

Run 10: Report of CalibratedKoho — Data Link

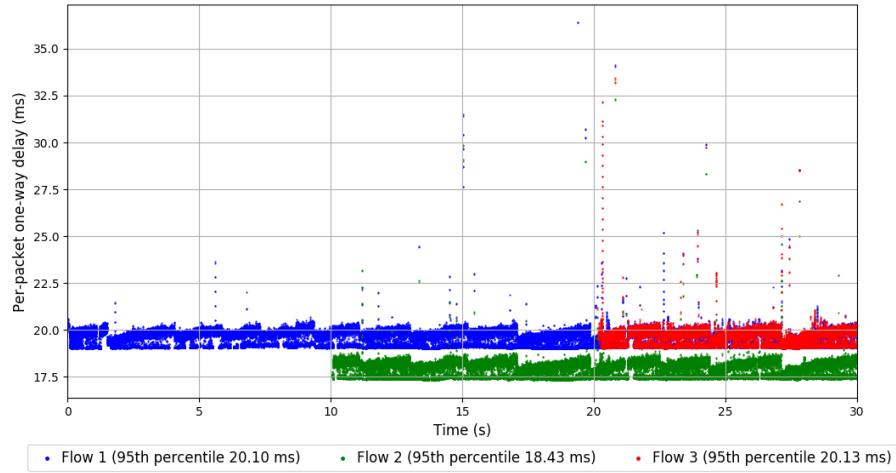
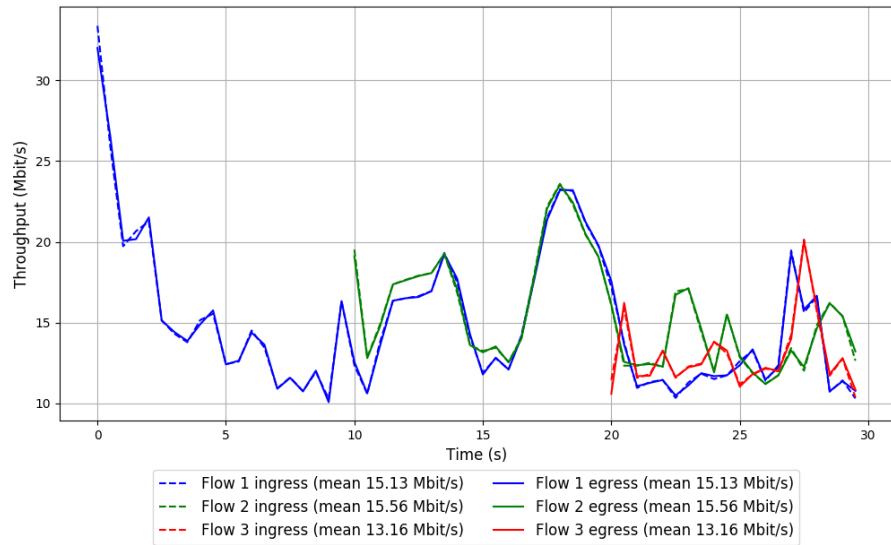


Run 1: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 04:27:36 +0000
End at: Sat, 29 Jul 2017 04:28:06 +0000
Local clock offset: -0.364 ms
Remote clock offset: -1.998 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 20.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.13 Mbit/s
95th percentile per-packet one-way delay: 20.099 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.56 Mbit/s
95th percentile per-packet one-way delay: 18.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 20.130 ms
Loss rate: 0.00%
```

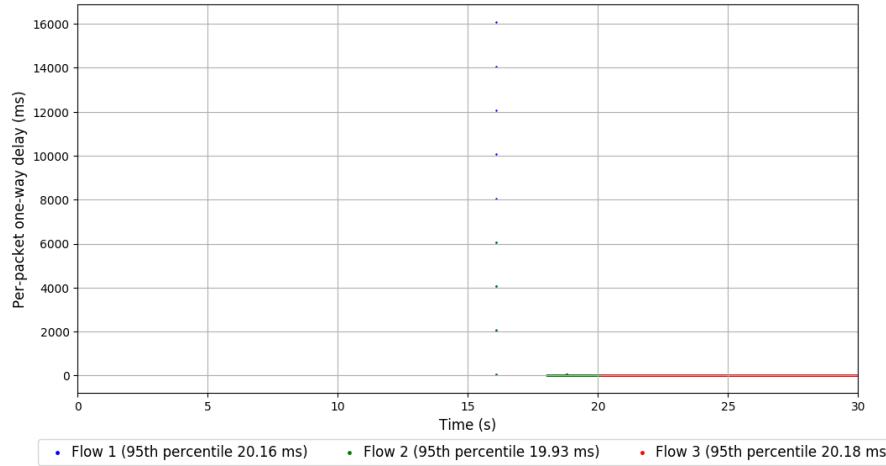
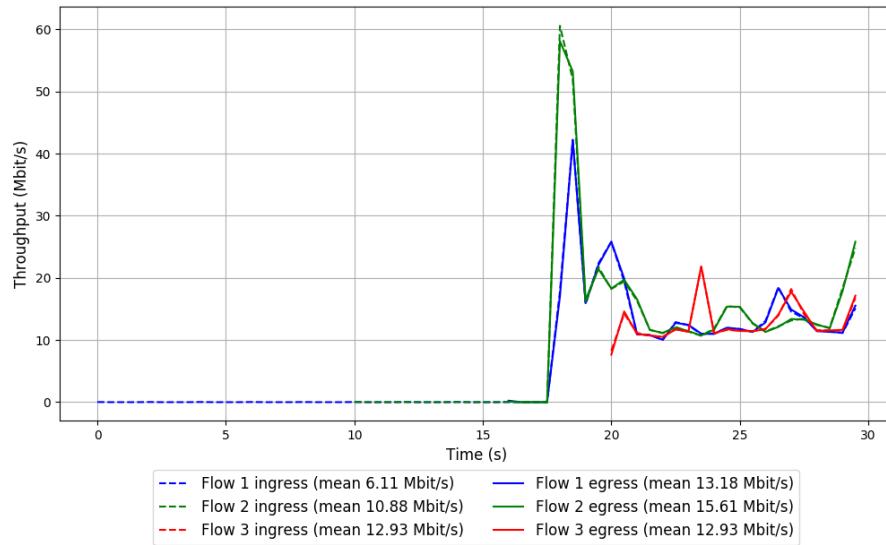
Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sat, 29 Jul 2017 04:48:28 +0000
End at: Sat, 29 Jul 2017 04:48:58 +0000
Local clock offset: -0.051 ms
Remote clock offset: -2.126 ms

Run 2: Report of Copa — Data Link

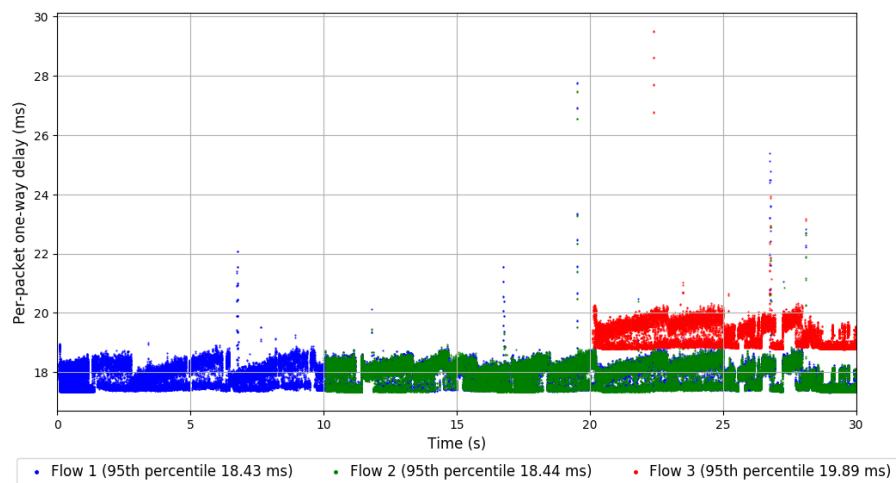
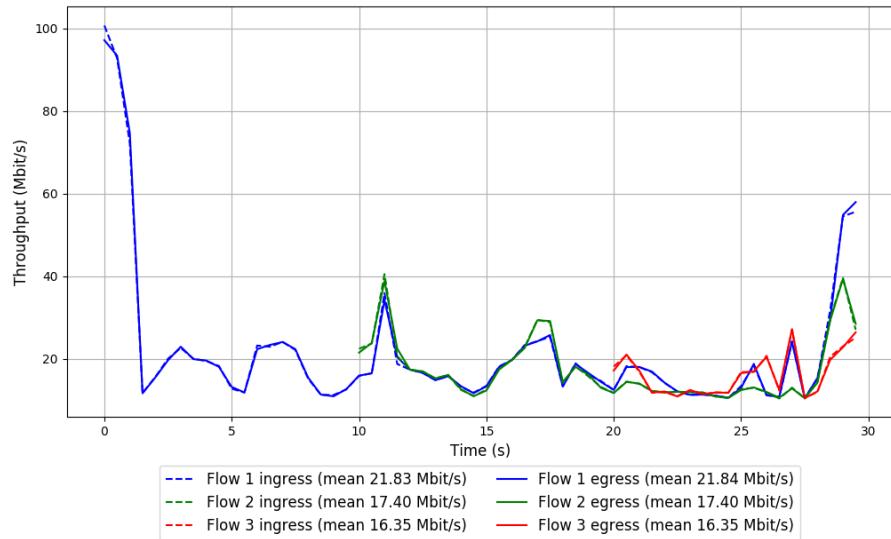


Run 3: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 05:09:10 +0000
End at: Sat, 29 Jul 2017 05:09:40 +0000
Local clock offset: 0.281 ms
Remote clock offset: -1.752 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 19.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 18.431 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 17.40 Mbit/s
95th percentile per-packet one-way delay: 18.442 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.35 Mbit/s
95th percentile per-packet one-way delay: 19.894 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

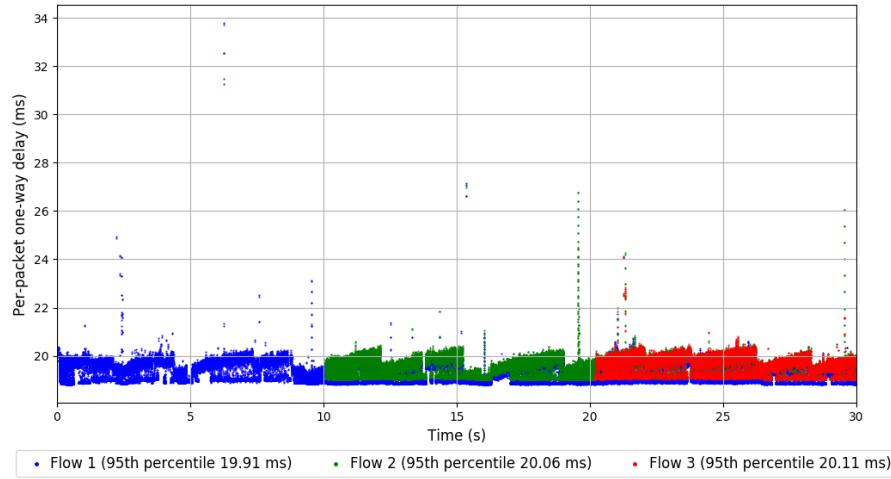
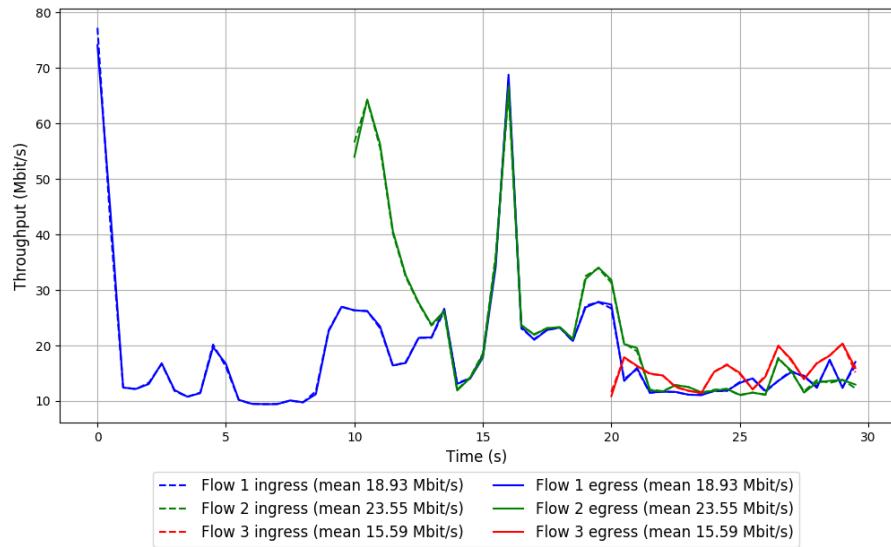


Run 4: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 05:29:57 +0000
End at: Sat, 29 Jul 2017 05:30:27 +0000
Local clock offset: 0.605 ms
Remote clock offset: -1.274 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.71 Mbit/s
95th percentile per-packet one-way delay: 20.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.93 Mbit/s
95th percentile per-packet one-way delay: 19.907 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 20.063 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 20.115 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

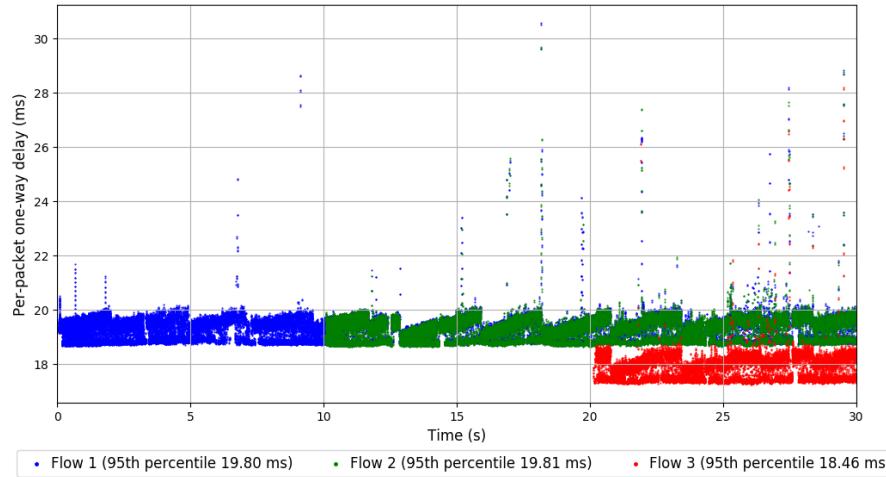
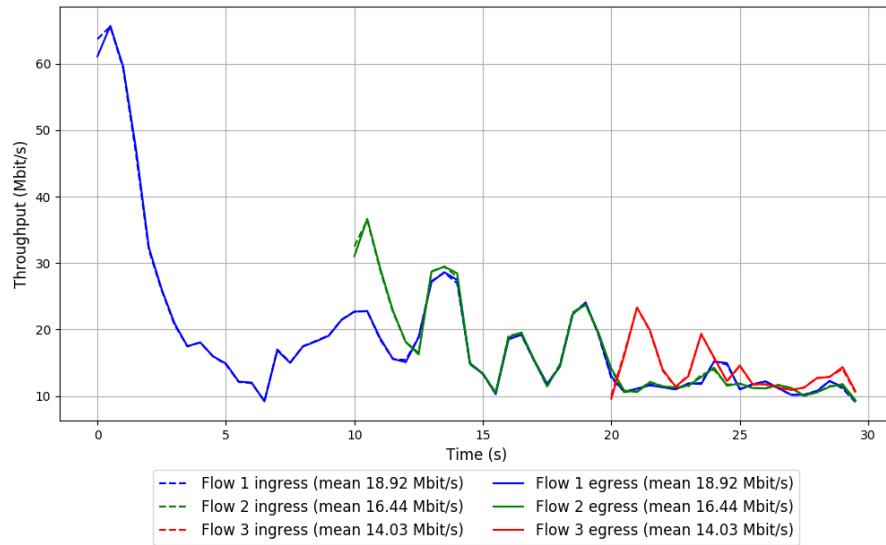


Run 5: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 05:50:43 +0000
End at: Sat, 29 Jul 2017 05:51:13 +0000
Local clock offset: 0.987 ms
Remote clock offset: -1.173 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 19.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.92 Mbit/s
95th percentile per-packet one-way delay: 19.804 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.44 Mbit/s
95th percentile per-packet one-way delay: 19.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 18.461 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

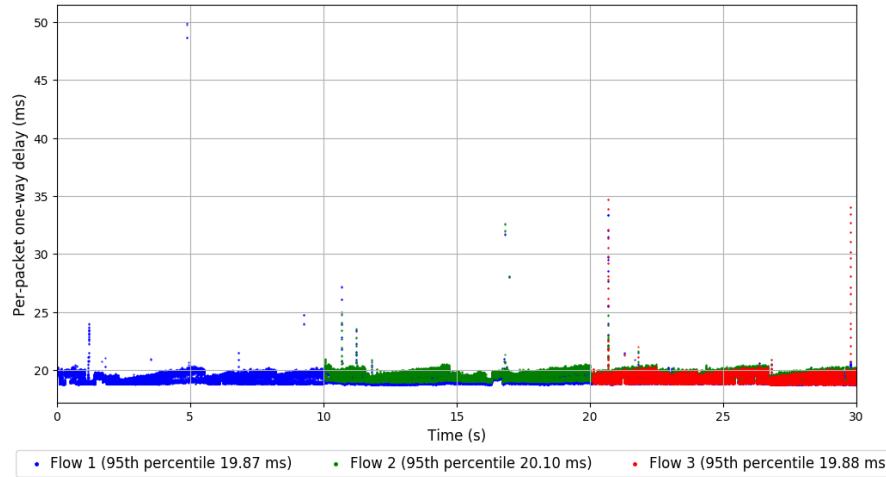
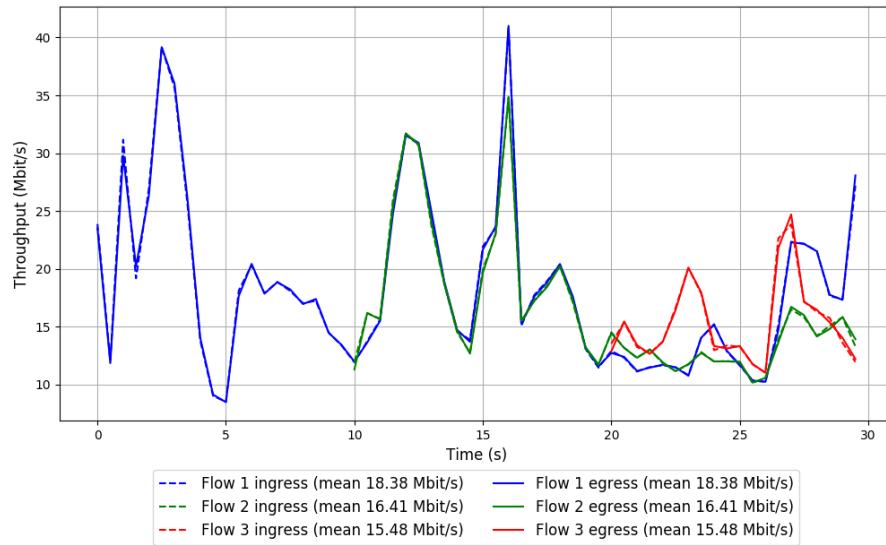


Run 6: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 06:11:29 +0000
End at: Sat, 29 Jul 2017 06:11:59 +0000
Local clock offset: 0.944 ms
Remote clock offset: -1.207 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 19.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 19.866 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 20.096 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 19.884 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

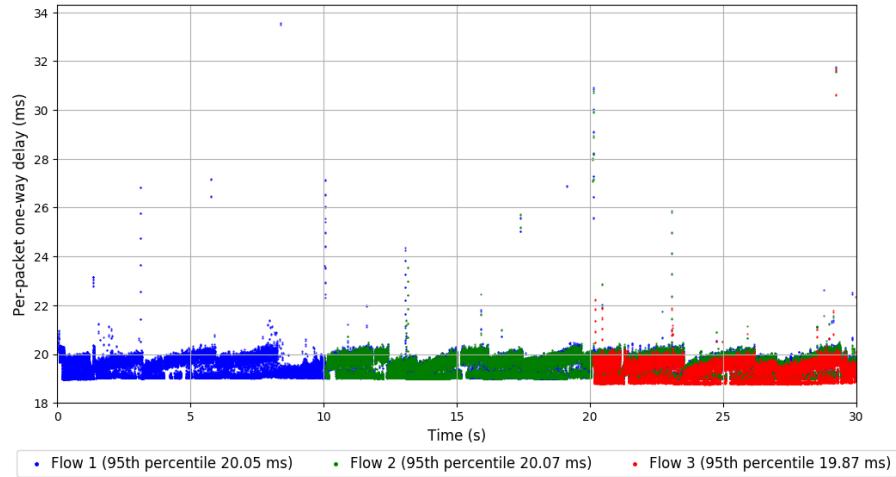
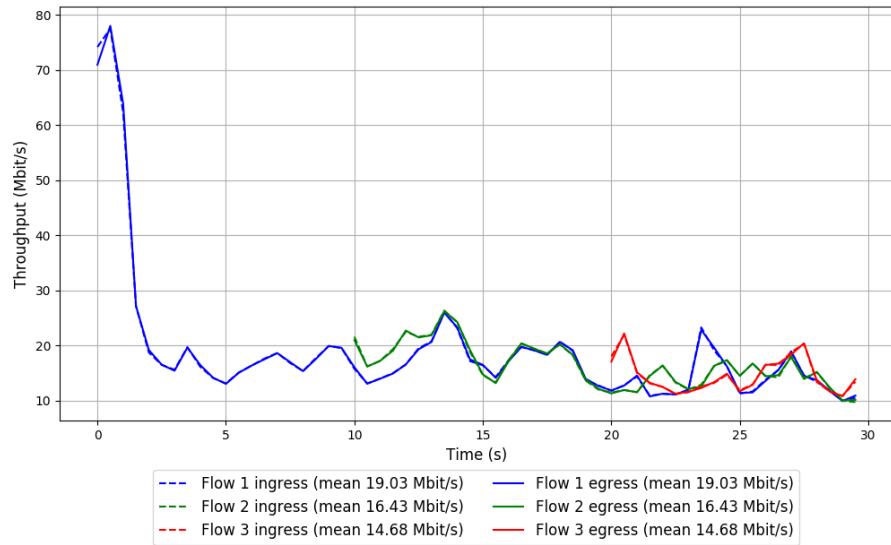


Run 7: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 06:32:20 +0000
End at: Sat, 29 Jul 2017 06:32:50 +0000
Local clock offset: 0.882 ms
Remote clock offset: -1.107 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 20.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.43 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 19.866 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

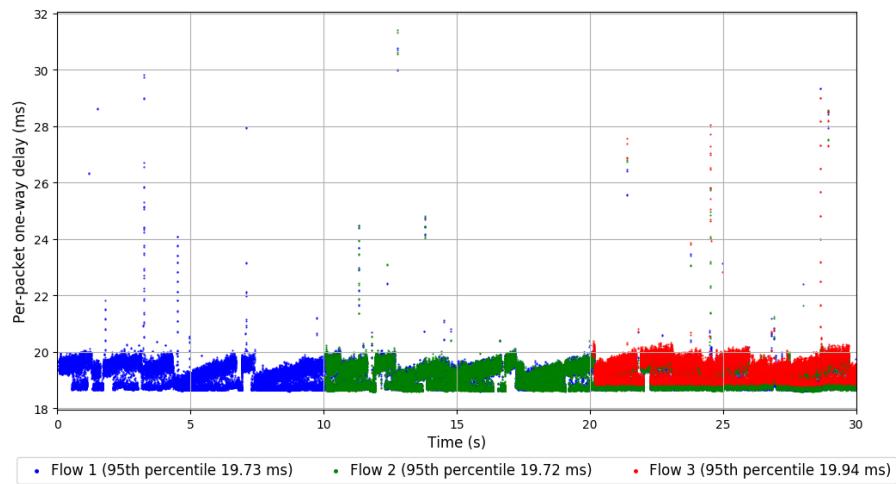
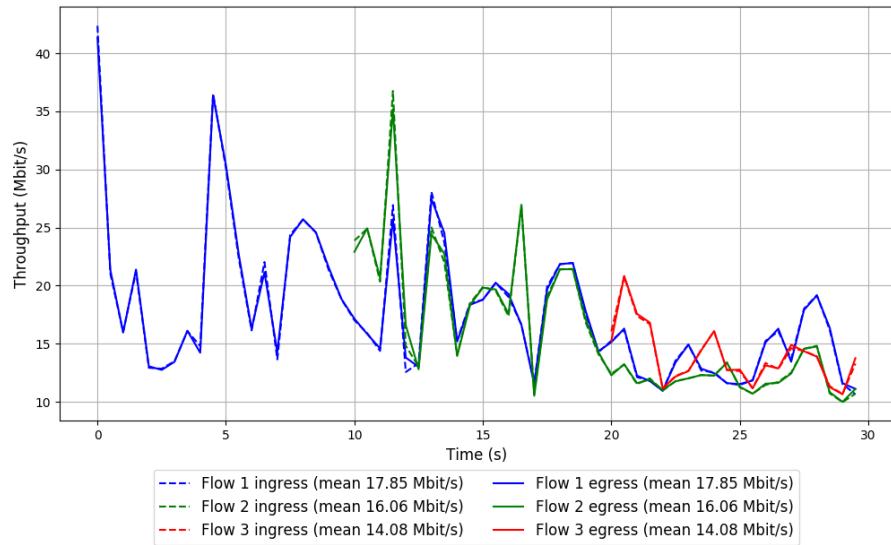


Run 8: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 06:52:58 +0000
End at: Sat, 29 Jul 2017 06:53:28 +0000
Local clock offset: 0.918 ms
Remote clock offset: -1.229 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:31:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 19.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 19.729 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 19.722 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.08 Mbit/s
95th percentile per-packet one-way delay: 19.943 ms
Loss rate: 0.00%
```

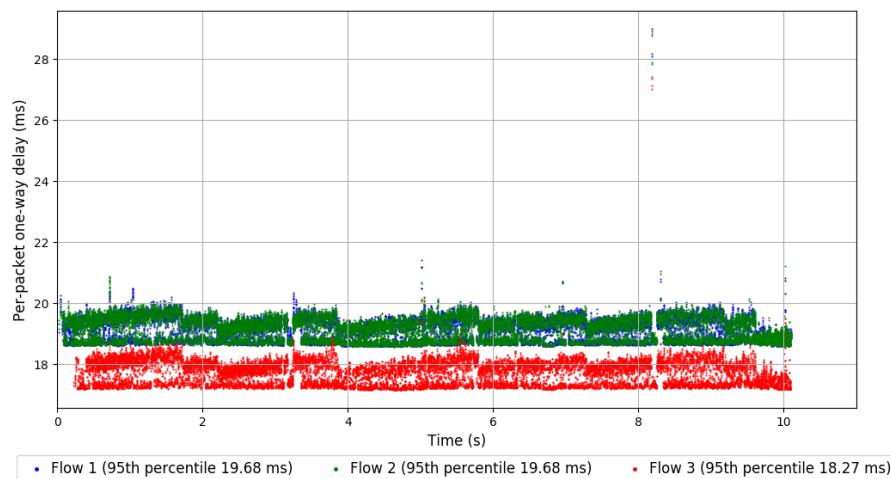
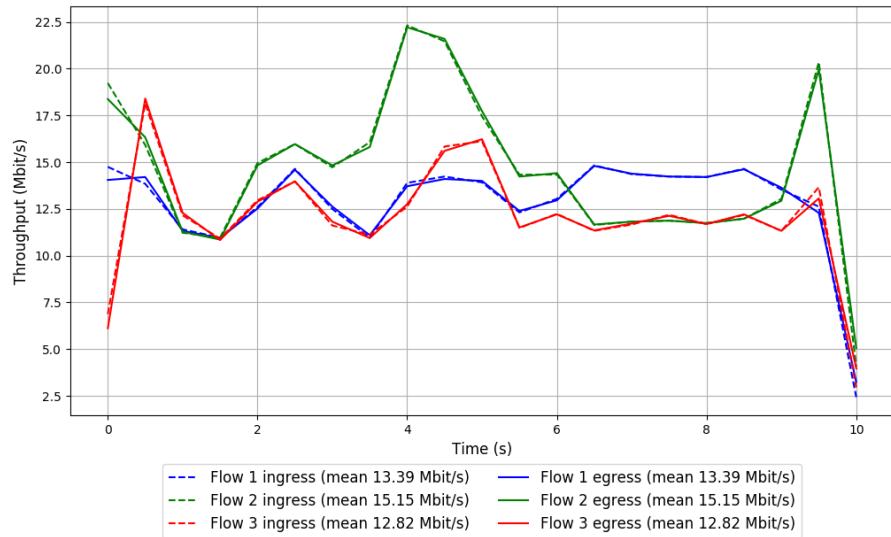
Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sat, 29 Jul 2017 07:13:32 +0000
End at: Sat, 29 Jul 2017 07:14:02 +0000
Local clock offset: 0.823 ms
Remote clock offset: -1.13 ms

Run 9: Report of Copa — Data Link

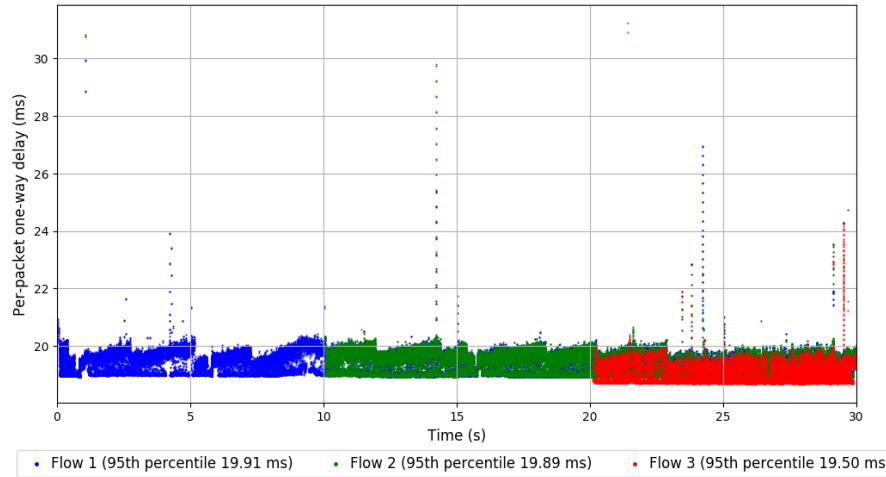
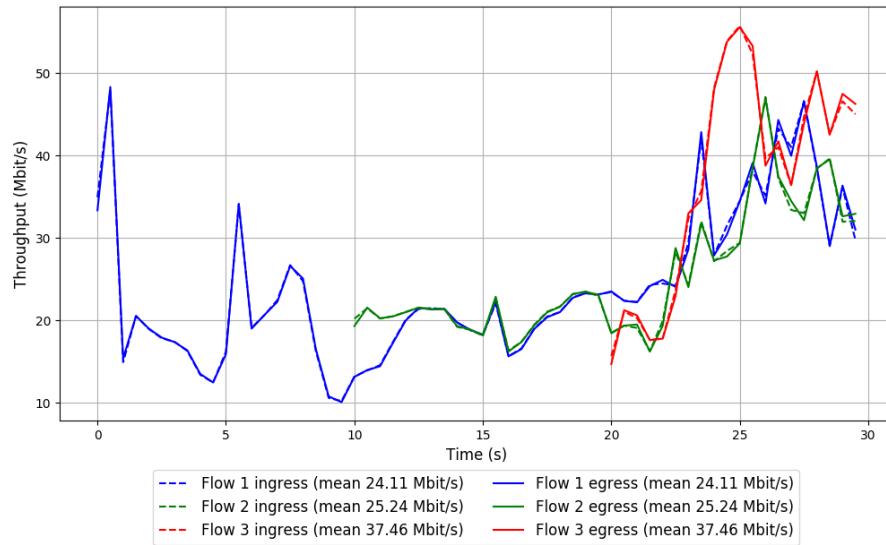


Run 10: Statistics of Copa

```
Start at: Sat, 29 Jul 2017 07:34:09 +0000
End at: Sat, 29 Jul 2017 07:34:39 +0000
Local clock offset: 0.682 ms
Remote clock offset: -1.401 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:32:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.28 Mbit/s
95th percentile per-packet one-way delay: 19.866 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 19.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 19.495 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

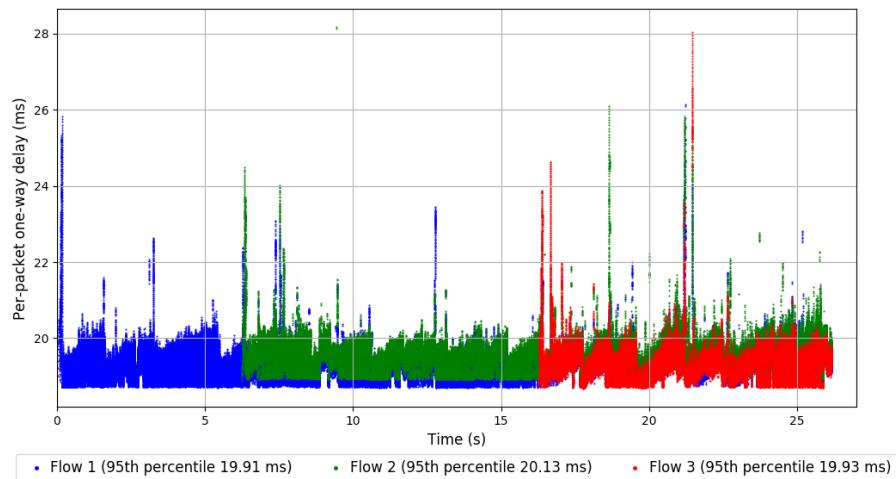
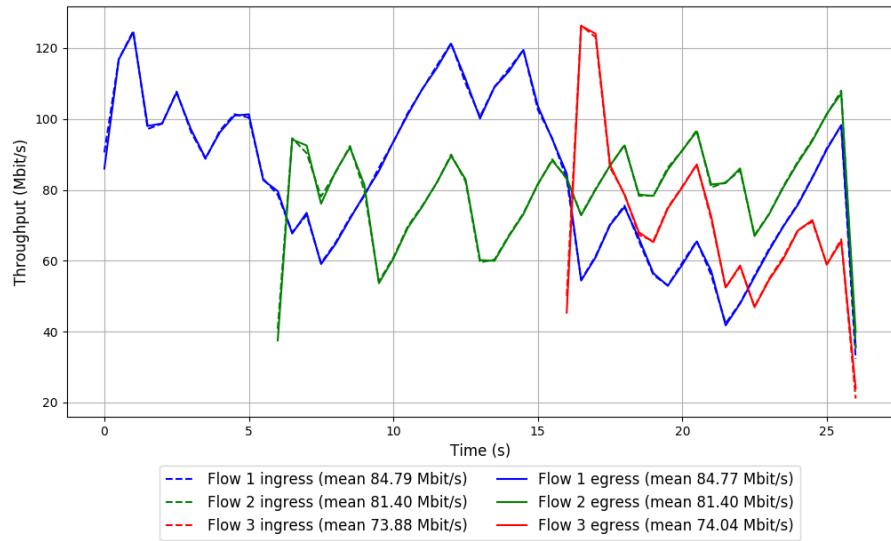


Run 1: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 04:24:50 +0000
End at: Sat, 29 Jul 2017 04:25:20 +0000
Local clock offset: -0.426 ms
Remote clock offset: -2.12 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:32:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 174.99 Mbit/s
95th percentile per-packet one-way delay: 20.021 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 19.908 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 81.40 Mbit/s
95th percentile per-packet one-way delay: 20.131 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 74.04 Mbit/s
95th percentile per-packet one-way delay: 19.930 ms
Loss rate: 0.05%
```

Run 1: Report of TCP Cubic — Data Link

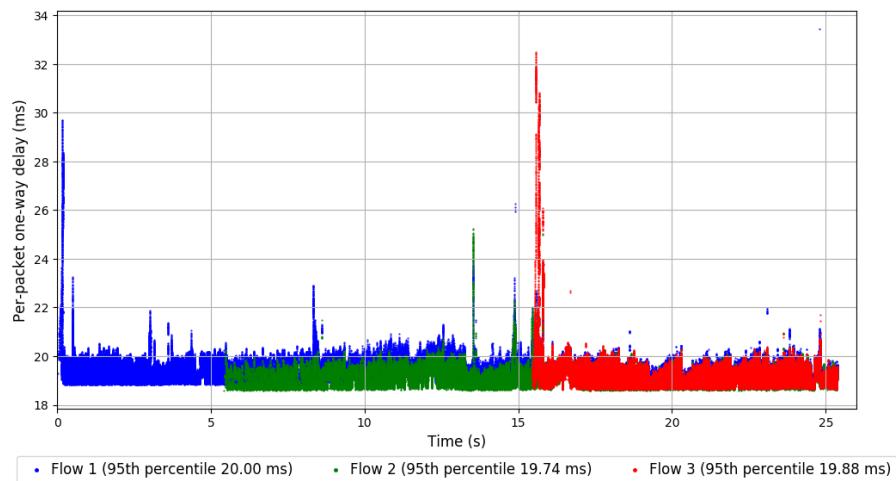
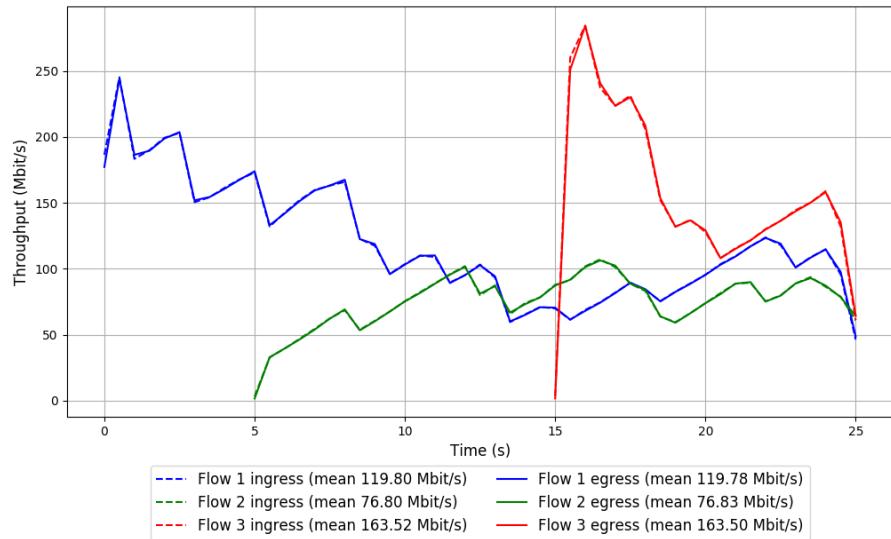


Run 2: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 04:45:42 +0000
End at: Sat, 29 Jul 2017 04:46:12 +0000
Local clock offset: 0.021 ms
Remote clock offset: -2.167 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:32:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 244.36 Mbit/s
95th percentile per-packet one-way delay: 19.926 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 119.78 Mbit/s
95th percentile per-packet one-way delay: 20.001 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 76.83 Mbit/s
95th percentile per-packet one-way delay: 19.740 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 163.50 Mbit/s
95th percentile per-packet one-way delay: 19.883 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Cubic — Data Link

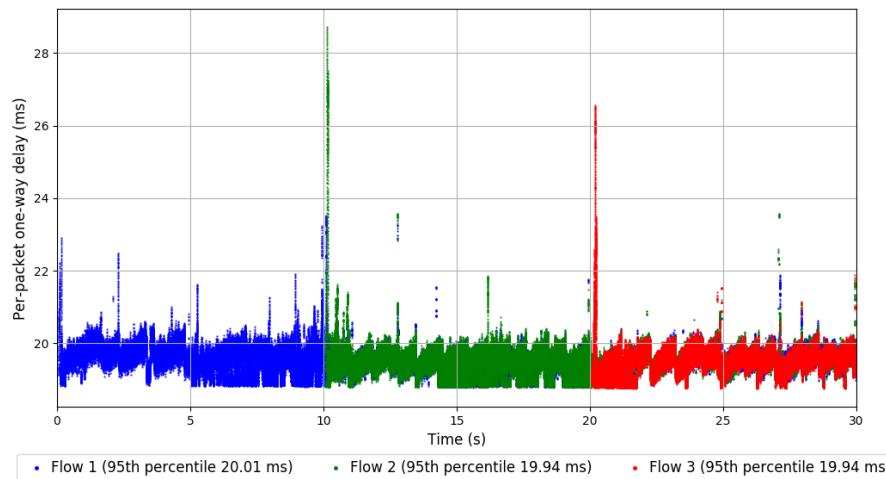
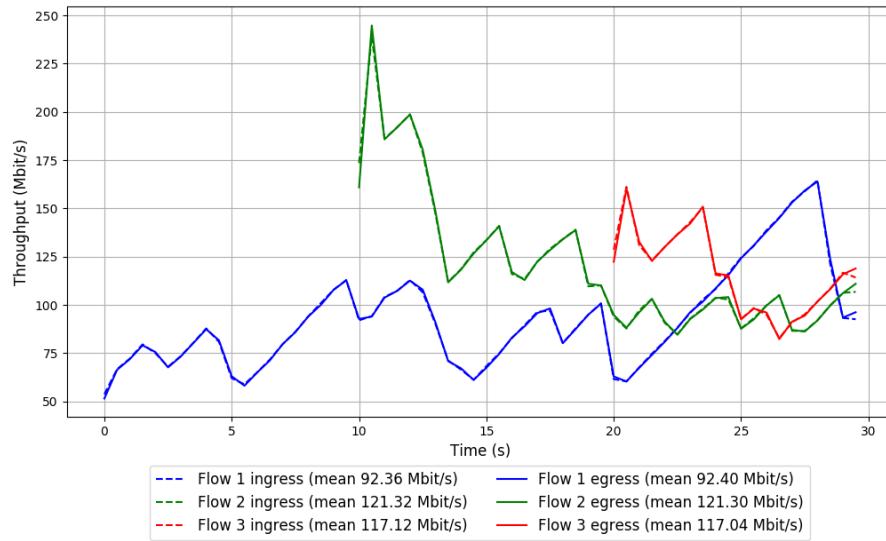


Run 3: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 05:06:22 +0000
End at: Sat, 29 Jul 2017 05:06:52 +0000
Local clock offset: 0.244 ms
Remote clock offset: -1.785 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:32:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.01 Mbit/s
95th percentile per-packet one-way delay: 19.971 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 20.008 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 121.30 Mbit/s
95th percentile per-packet one-way delay: 19.940 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 117.04 Mbit/s
95th percentile per-packet one-way delay: 19.937 ms
Loss rate: 0.05%
```

Run 3: Report of TCP Cubic — Data Link

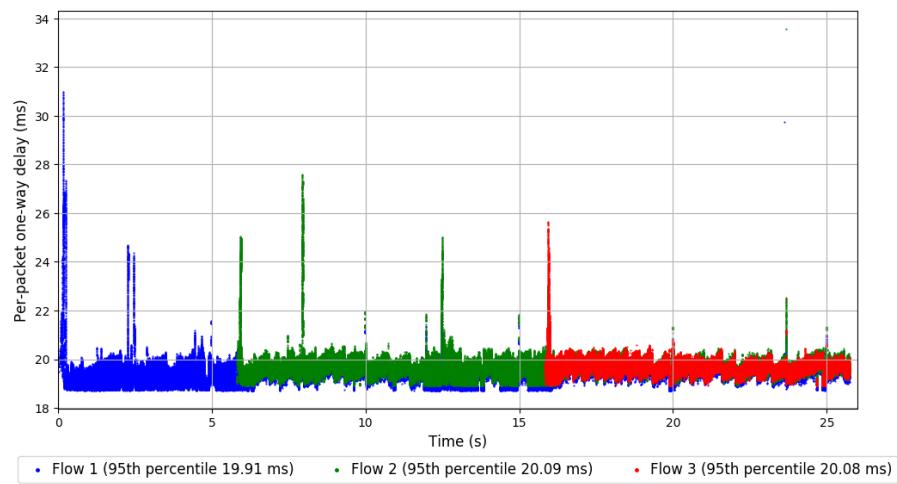
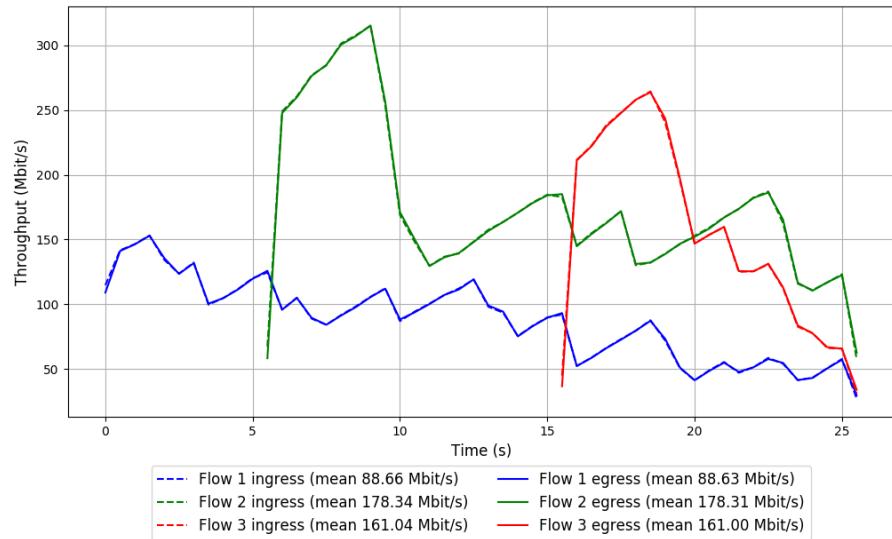


Run 4: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 05:27:11 +0000
End at: Sat, 29 Jul 2017 05:27:41 +0000
Local clock offset: 0.571 ms
Remote clock offset: -1.461 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 289.18 Mbit/s
95th percentile per-packet one-way delay: 20.058 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 19.906 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 178.31 Mbit/s
95th percentile per-packet one-way delay: 20.093 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 161.00 Mbit/s
95th percentile per-packet one-way delay: 20.080 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Cubic — Data Link

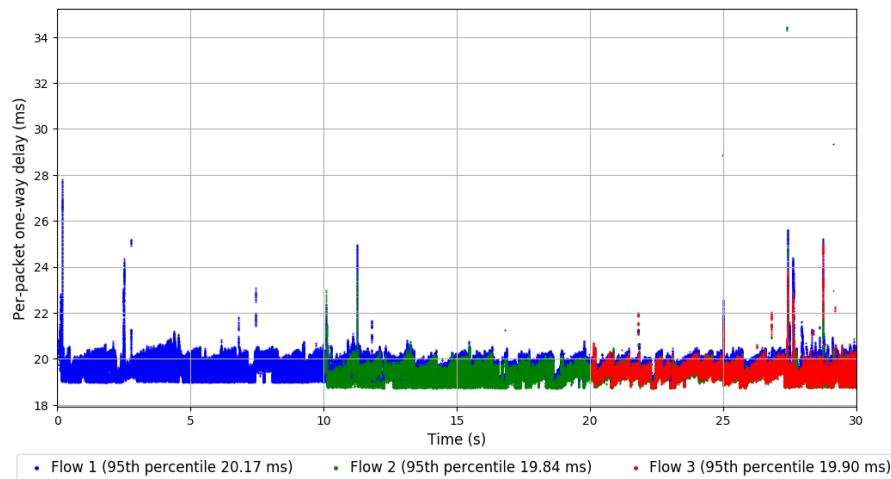
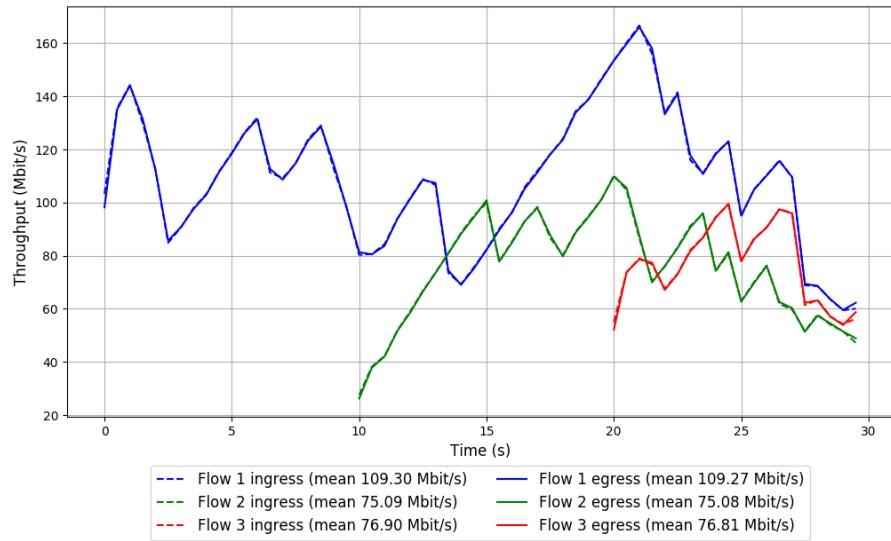


Run 5: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 05:47:58 +0000
End at: Sat, 29 Jul 2017 05:48:28 +0000
Local clock offset: 0.872 ms
Remote clock offset: -1.264 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 184.74 Mbit/s
95th percentile per-packet one-way delay: 20.098 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 109.27 Mbit/s
95th percentile per-packet one-way delay: 20.171 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 75.08 Mbit/s
95th percentile per-packet one-way delay: 19.843 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 19.904 ms
Loss rate: 0.12%
```

Run 5: Report of TCP Cubic — Data Link

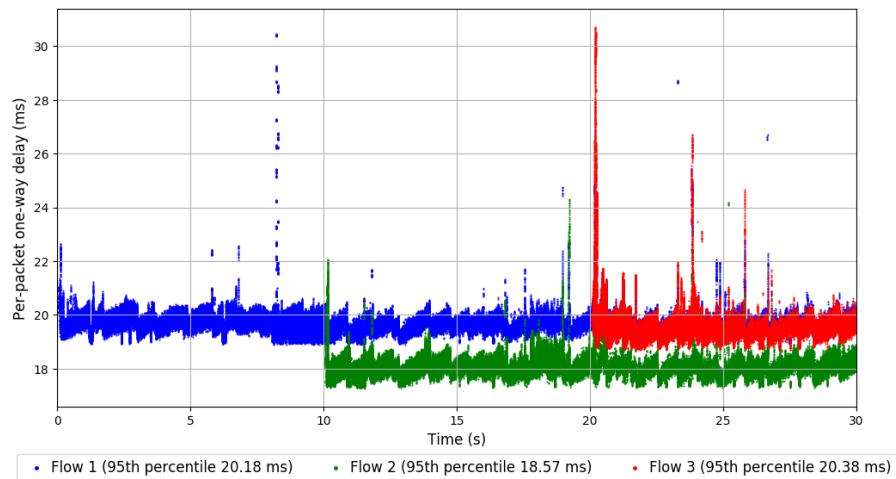
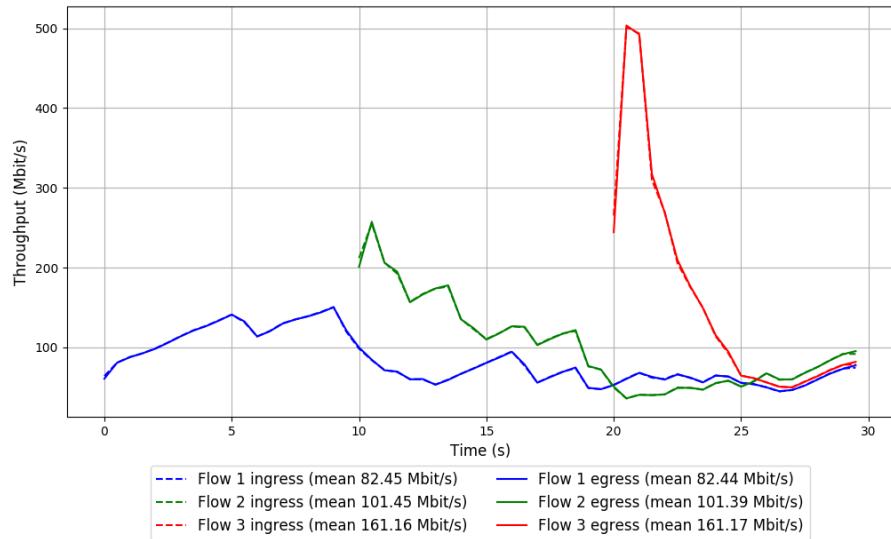


Run 6: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 06:08:43 +0000
End at: Sat, 29 Jul 2017 06:09:13 +0000
Local clock offset: 1.068 ms
Remote clock offset: -1.162 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.48 Mbit/s
95th percentile per-packet one-way delay: 20.121 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 20.178 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 101.39 Mbit/s
95th percentile per-packet one-way delay: 18.573 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 161.17 Mbit/s
95th percentile per-packet one-way delay: 20.375 ms
Loss rate: 0.10%
```

Run 6: Report of TCP Cubic — Data Link

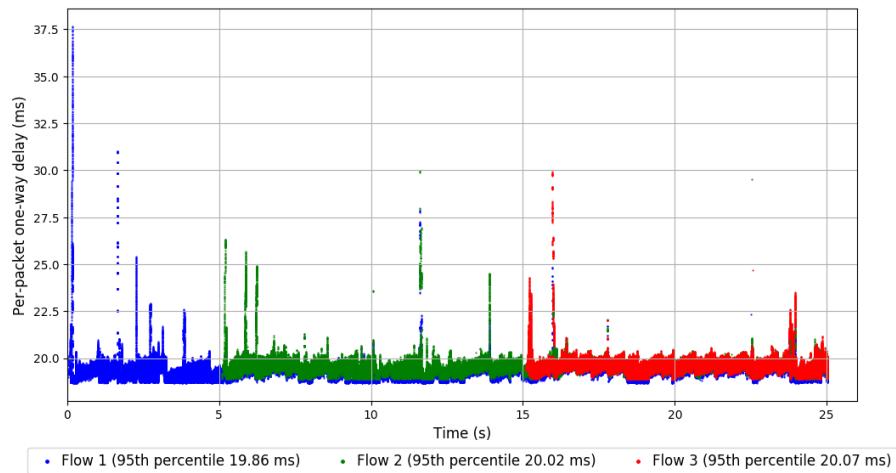
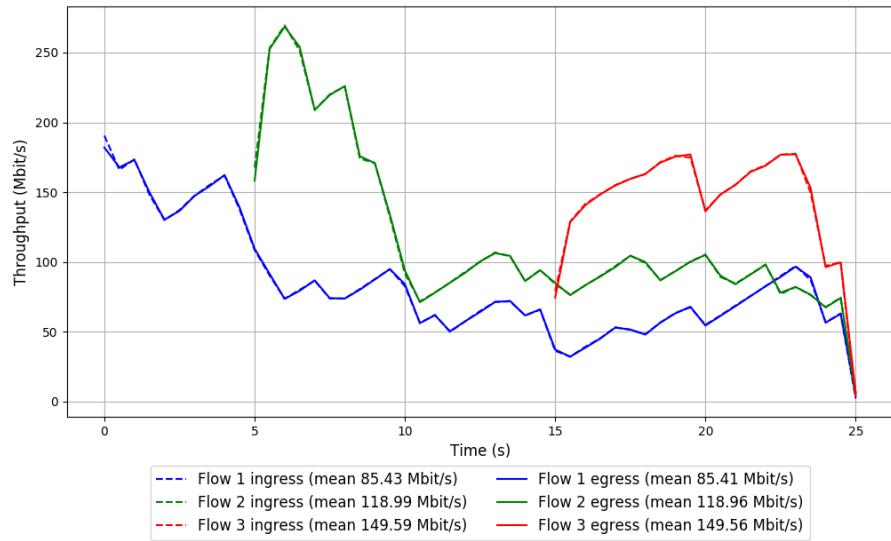


Run 7: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 06:29:31 +0000
End at: Sat, 29 Jul 2017 06:30:01 +0000
Local clock offset: 0.896 ms
Remote clock offset: -1.178 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.77 Mbit/s
95th percentile per-packet one-way delay: 20.004 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 85.41 Mbit/s
95th percentile per-packet one-way delay: 19.856 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 118.96 Mbit/s
95th percentile per-packet one-way delay: 20.021 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 149.56 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.03%
```

Run 7: Report of TCP Cubic — Data Link

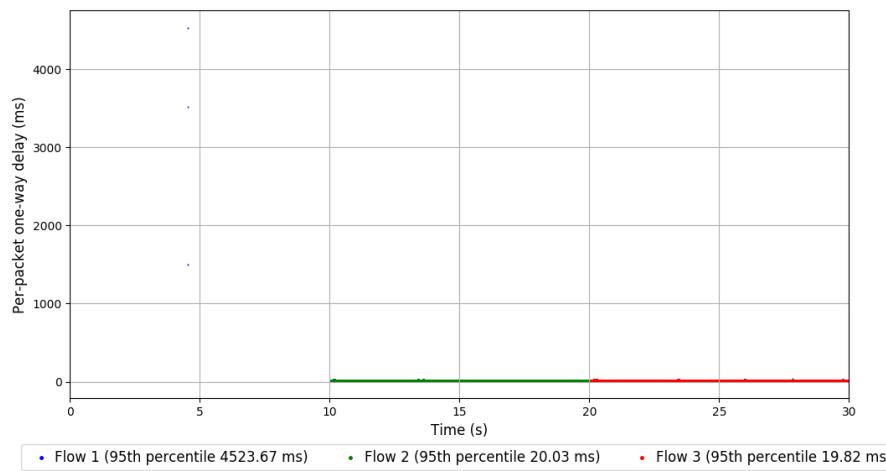
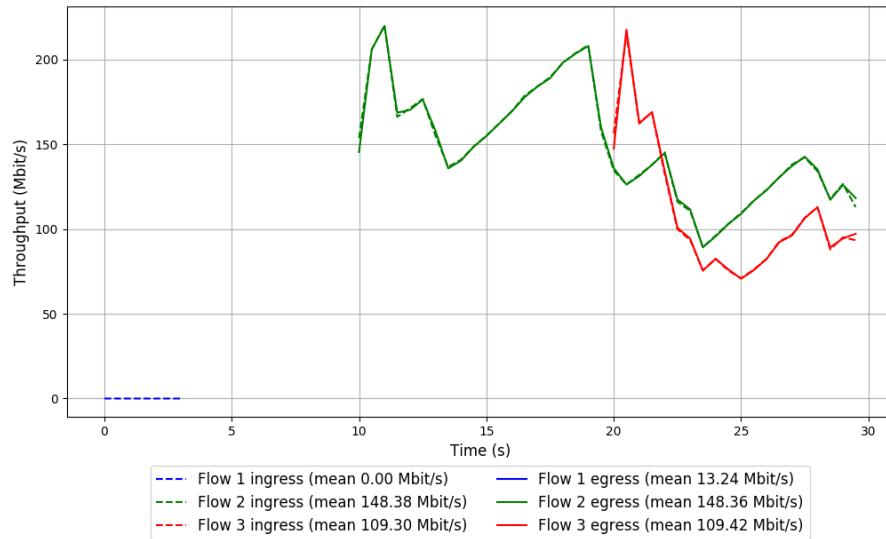


Run 8: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 06:50:14 +0000
End at: Sat, 29 Jul 2017 06:50:44 +0000
Local clock offset: 0.911 ms
Remote clock offset: -1.206 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 159.01 Mbit/s
95th percentile per-packet one-way delay: 19.991 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 4523.671 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 148.36 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 109.42 Mbit/s
95th percentile per-packet one-way delay: 19.815 ms
Loss rate: 0.04%
```

Run 8: Report of TCP Cubic — Data Link

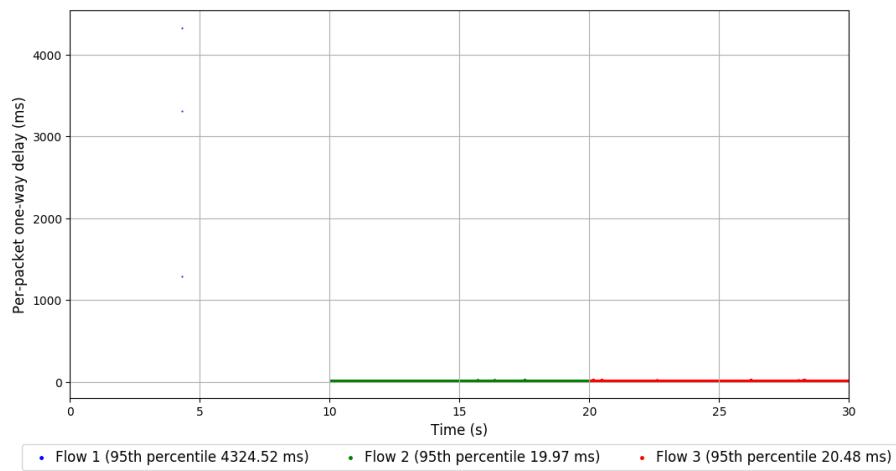
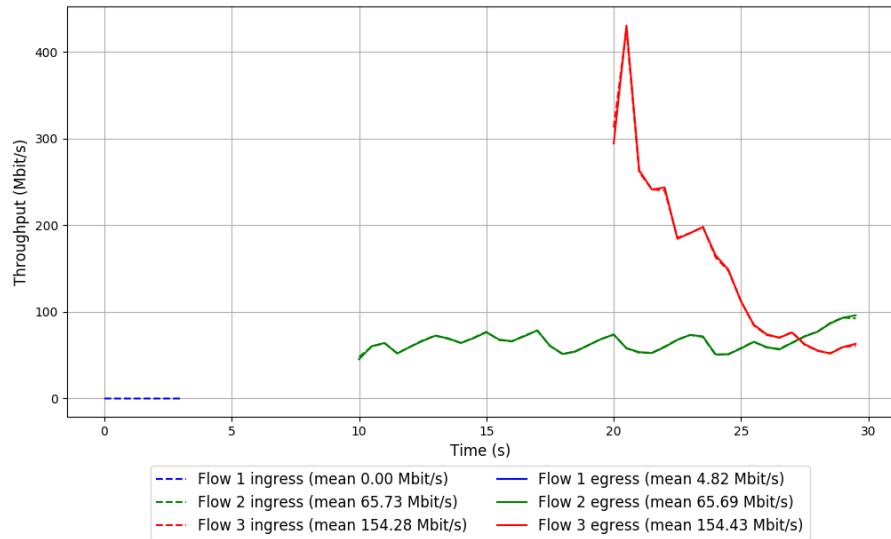


Run 9: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 07:10:50 +0000
End at: Sat, 29 Jul 2017 07:11:20 +0000
Local clock offset: 0.722 ms
Remote clock offset: -1.105 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 110.91 Mbit/s
95th percentile per-packet one-way delay: 20.239 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 4324.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.69 Mbit/s
95th percentile per-packet one-way delay: 19.974 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 154.43 Mbit/s
95th percentile per-packet one-way delay: 20.484 ms
Loss rate: 0.09%
```

Run 9: Report of TCP Cubic — Data Link

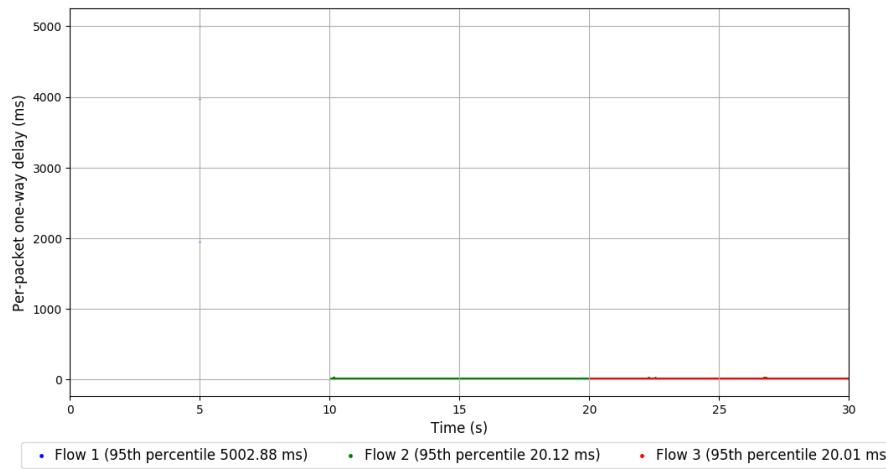
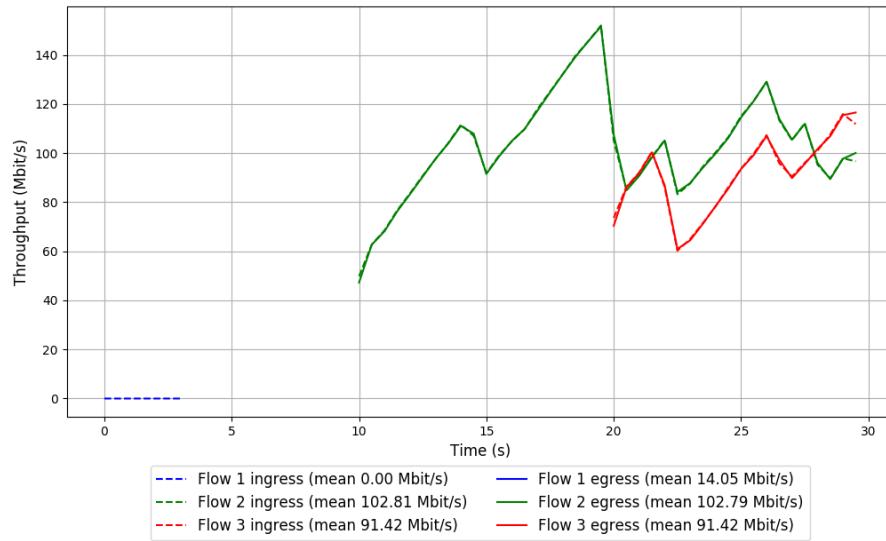


Run 10: Statistics of TCP Cubic

```
Start at: Sat, 29 Jul 2017 07:31:27 +0000
End at: Sat, 29 Jul 2017 07:31:57 +0000
Local clock offset: 0.737 ms
Remote clock offset: -1.397 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:33:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.53 Mbit/s
95th percentile per-packet one-way delay: 20.090 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 5002.880 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 102.79 Mbit/s
95th percentile per-packet one-way delay: 20.119 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 20.008 ms
Loss rate: 0.02%
```

Run 10: Report of TCP Cubic — Data Link

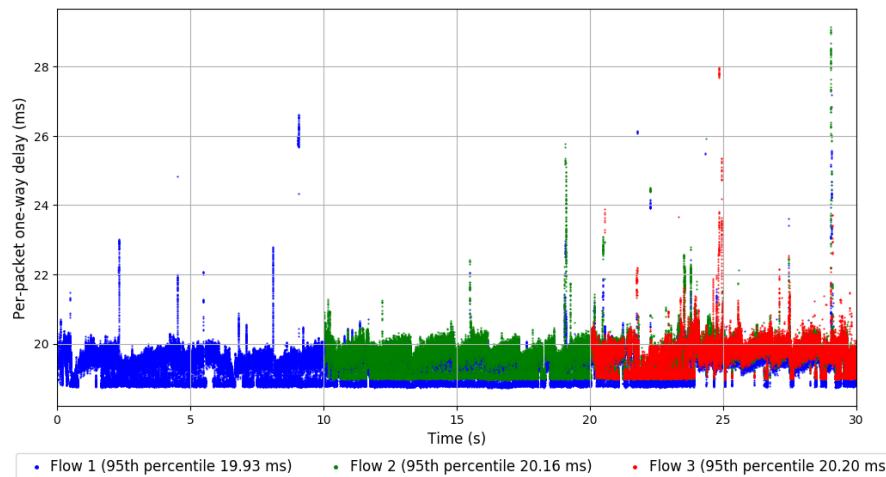
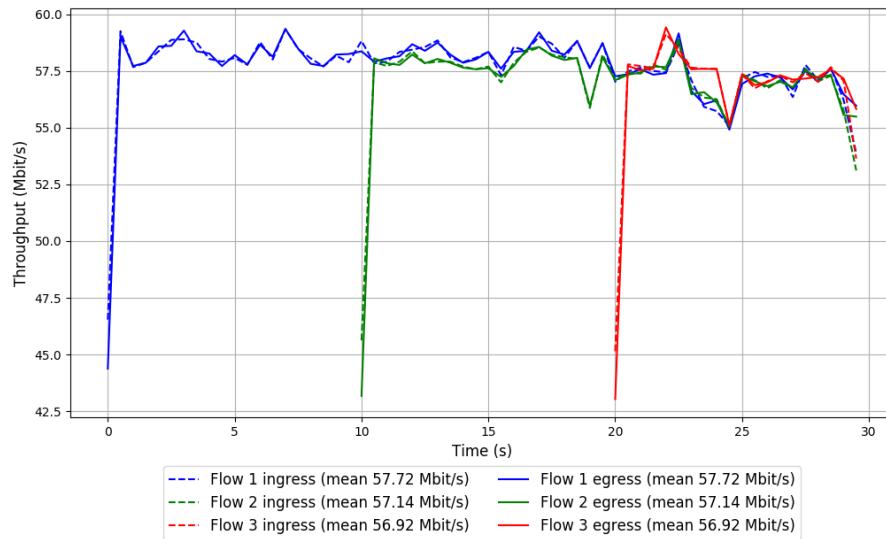


```
Run 1: Statistics of KohoCC
```

```
Start at: Sat, 29 Jul 2017 04:38:38 +0000
End at: Sat, 29 Jul 2017 04:39:08 +0000
Local clock offset: -0.183 ms
Remote clock offset: -2.149 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 114.66 Mbit/s
95th percentile per-packet one-way delay: 20.094 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 19.926 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.14 Mbit/s
95th percentile per-packet one-way delay: 20.162 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 20.203 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

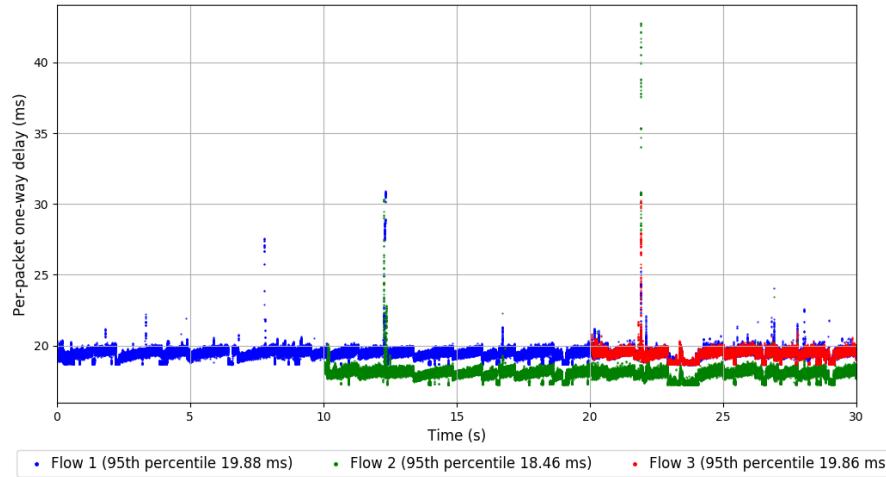
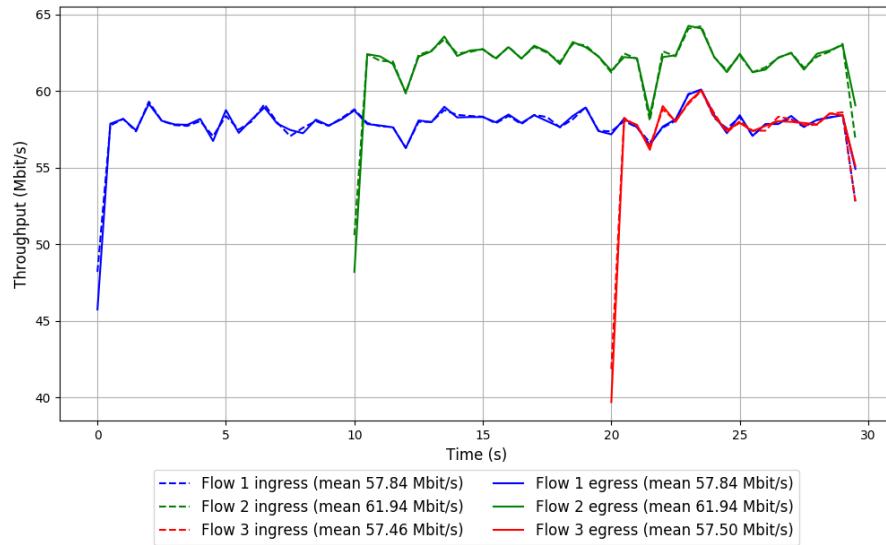


Run 2: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 04:59:25 +0000
End at: Sat, 29 Jul 2017 04:59:55 +0000
Local clock offset: 0.208 ms
Remote clock offset: -2.026 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.13 Mbit/s
95th percentile per-packet one-way delay: 19.832 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 19.883 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.94 Mbit/s
95th percentile per-packet one-way delay: 18.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.50 Mbit/s
95th percentile per-packet one-way delay: 19.856 ms
Loss rate: 0.01%
```

Run 2: Report of KohoCC — Data Link

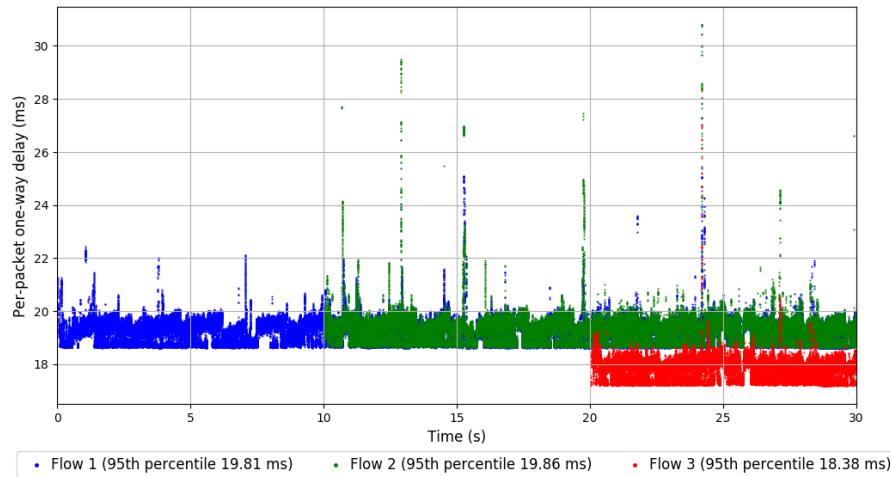
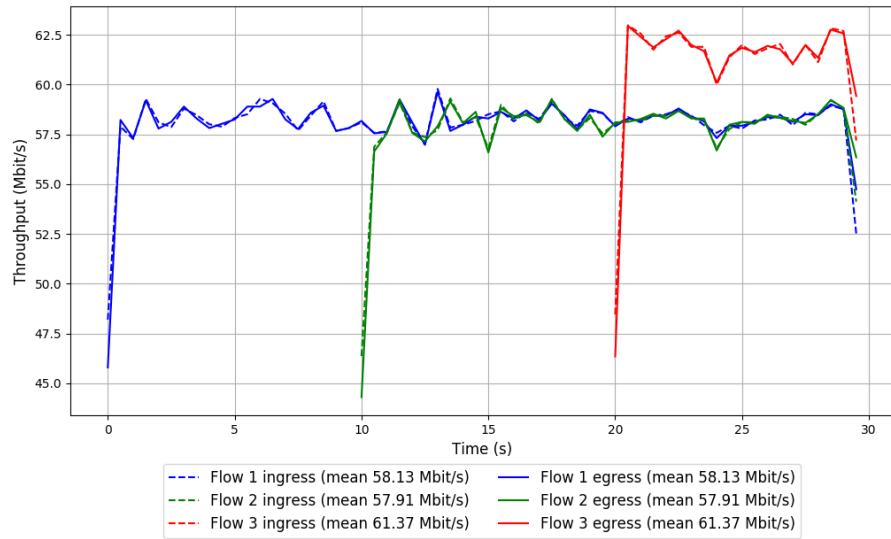


Run 3: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 05:20:13 +0000
End at: Sat, 29 Jul 2017 05:20:43 +0000
Local clock offset: 0.549 ms
Remote clock offset: -1.643 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.05 Mbit/s
95th percentile per-packet one-way delay: 19.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 19.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 19.855 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 18.379 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

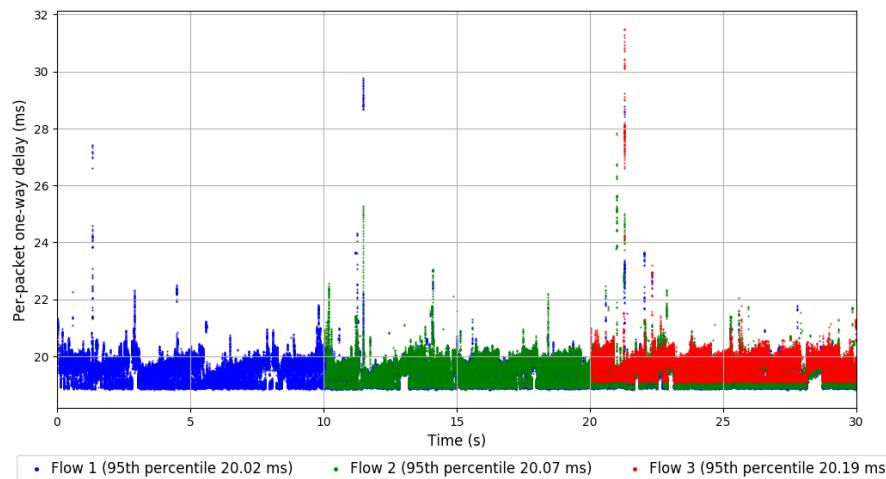
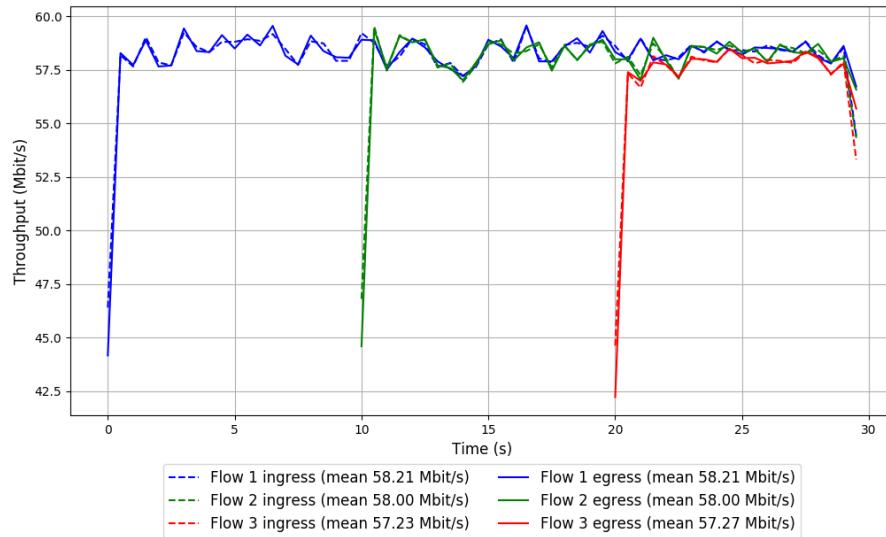


Run 4: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 05:40:56 +0000
End at: Sat, 29 Jul 2017 05:41:26 +0000
Local clock offset: 0.79 ms
Remote clock offset: -1.079 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.85 Mbit/s
95th percentile per-packet one-way delay: 20.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 20.066 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 20.192 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

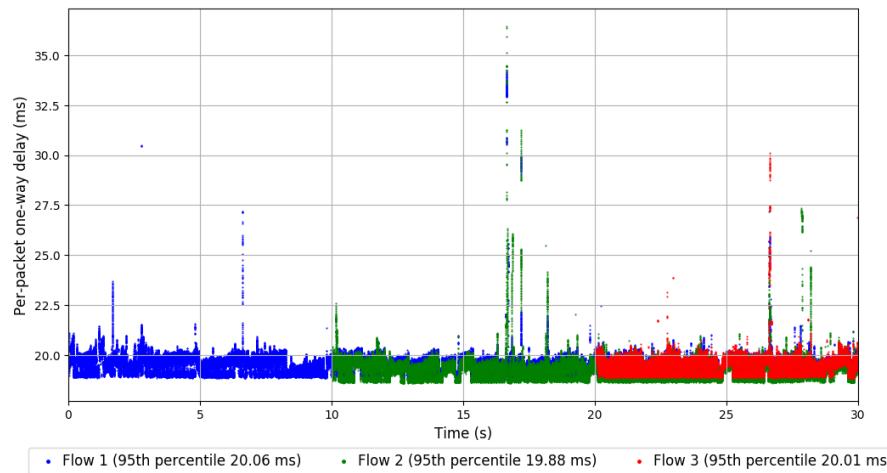
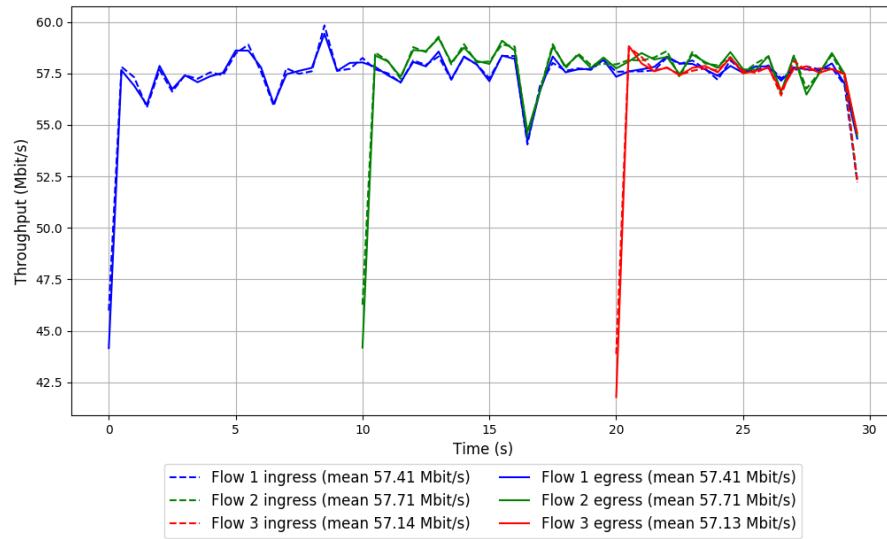


Run 5: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 06:01:43 +0000
End at: Sat, 29 Jul 2017 06:02:13 +0000
Local clock offset: 1.109 ms
Remote clock offset: -1.176 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 114.76 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 20.064 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 19.877 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 20.007 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

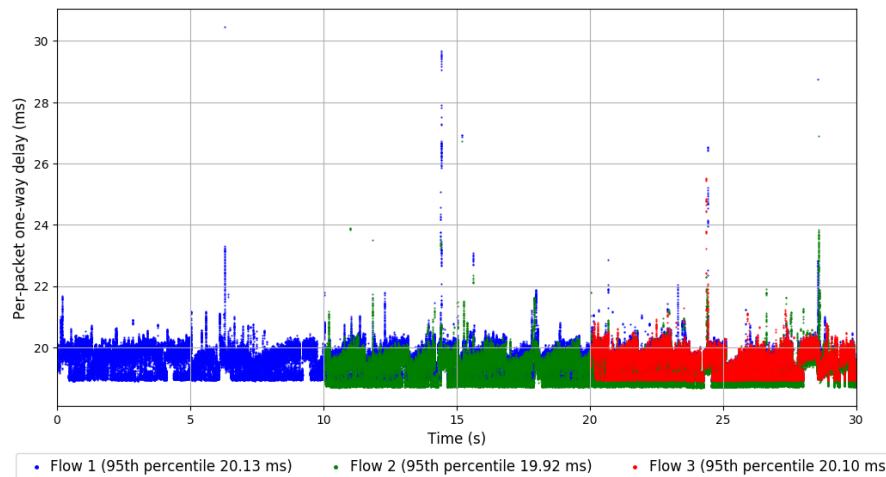
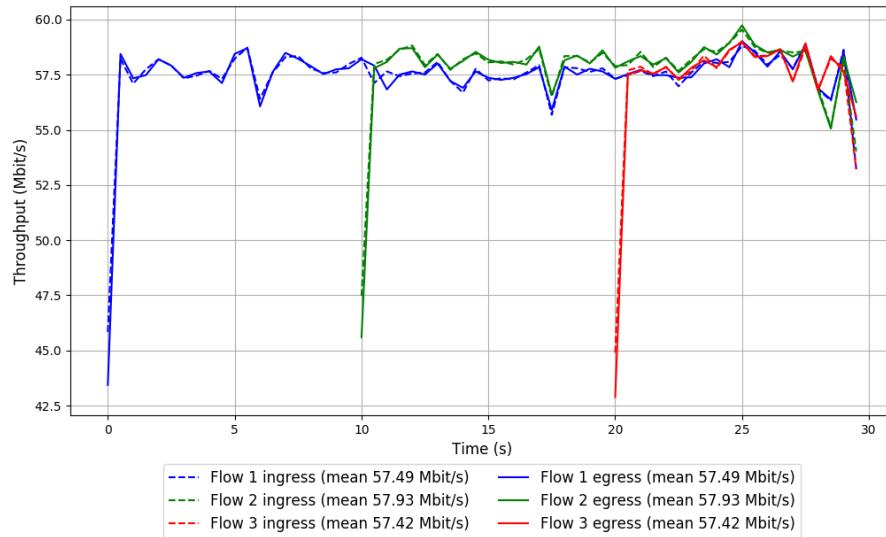


Run 6: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 06:22:28 +0000
End at: Sat, 29 Jul 2017 06:22:58 +0000
Local clock offset: 0.894 ms
Remote clock offset: -1.32 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.12 Mbit/s
95th percentile per-packet one-way delay: 20.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.49 Mbit/s
95th percentile per-packet one-way delay: 20.134 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 19.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: 20.096 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

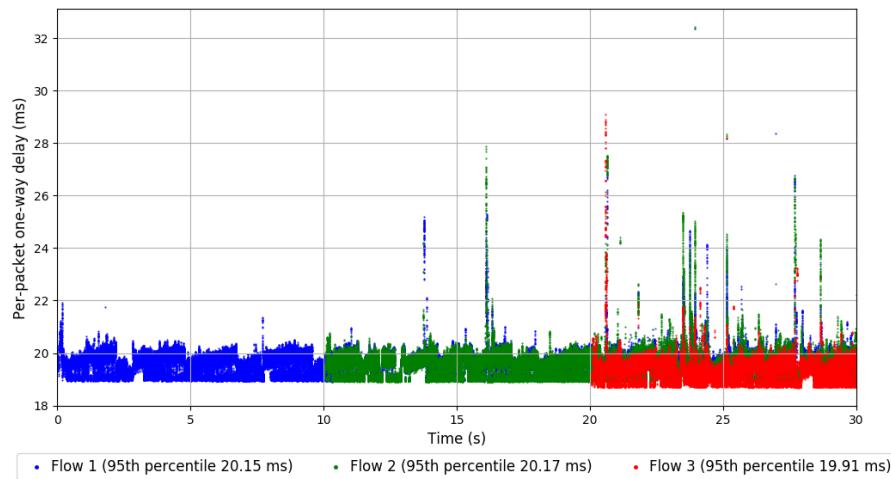
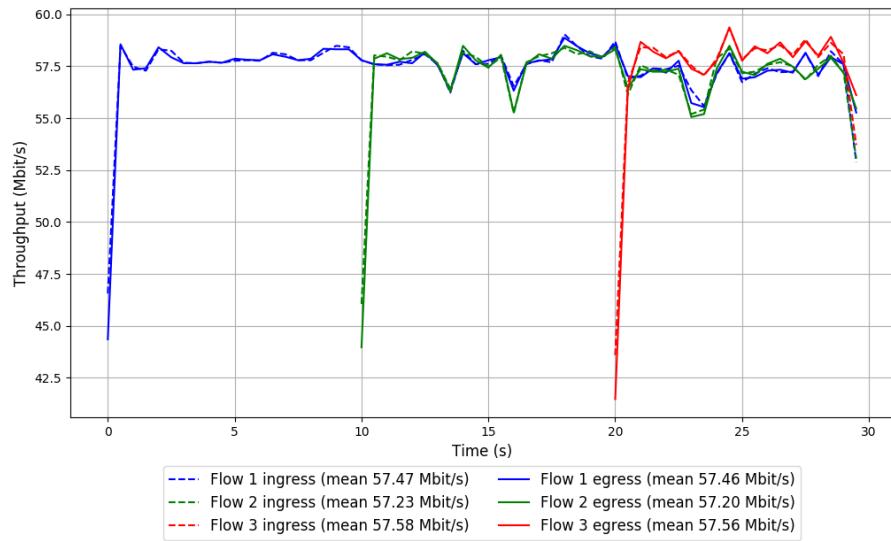


Run 7: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 06:43:15 +0000
End at: Sat, 29 Jul 2017 06:43:45 +0000
Local clock offset: 0.859 ms
Remote clock offset: -1.281 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:34:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 114.63 Mbit/s
95th percentile per-packet one-way delay: 20.136 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 20.147 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 20.166 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 19.906 ms
Loss rate: 0.03%
```

Run 7: Report of KohoCC — Data Link

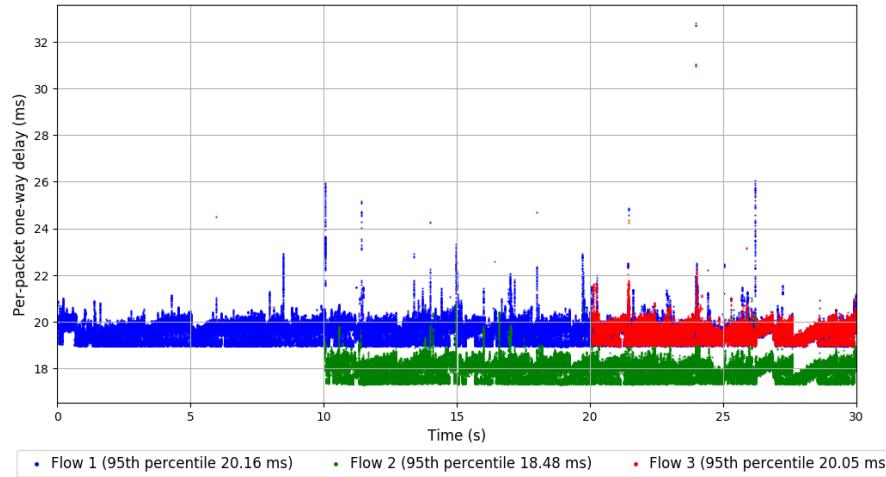
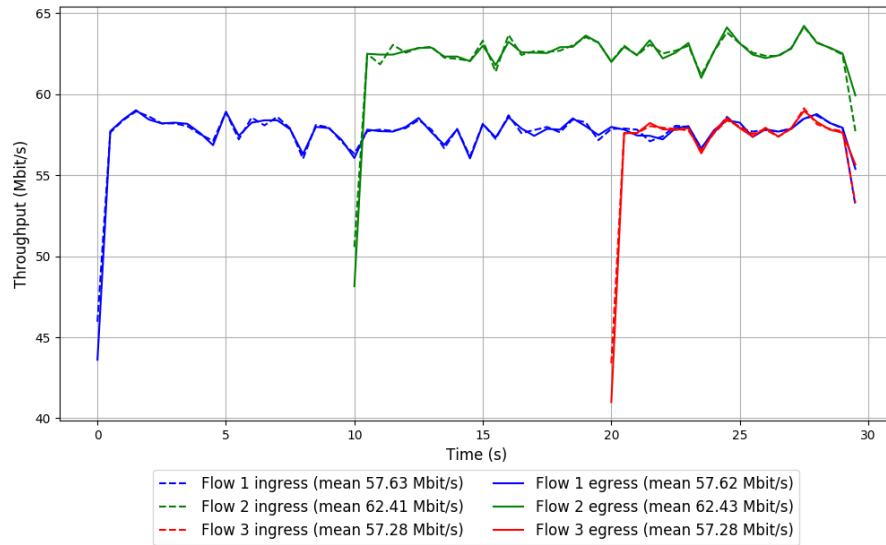


Run 8: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 07:03:51 +0000
End at: Sat, 29 Jul 2017 07:04:21 +0000
Local clock offset: 0.837 ms
Remote clock offset: -1.055 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:35:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.18 Mbit/s
95th percentile per-packet one-way delay: 20.061 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 20.158 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 18.481 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 20.047 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

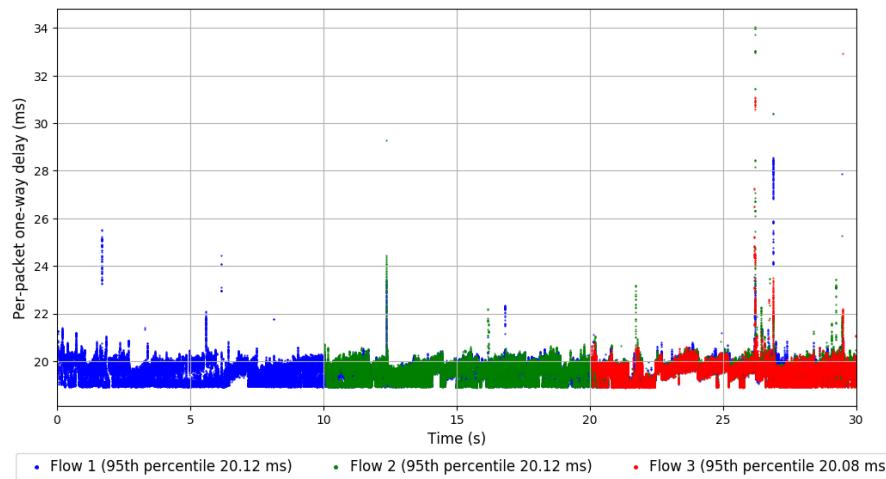
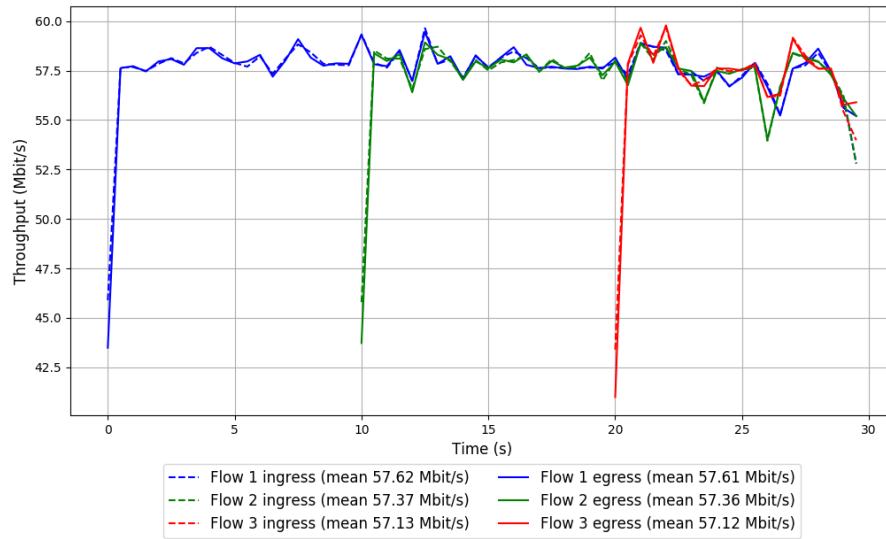


Run 9: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 07:24:27 +0000
End at: Sat, 29 Jul 2017 07:24:57 +0000
Local clock offset: 0.672 ms
Remote clock offset: -1.305 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:35:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 114.73 Mbit/s
95th percentile per-packet one-way delay: 20.117 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.61 Mbit/s
95th percentile per-packet one-way delay: 20.124 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 57.36 Mbit/s
95th percentile per-packet one-way delay: 20.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 20.080 ms
Loss rate: 0.02%
```

Run 9: Report of KohoCC — Data Link

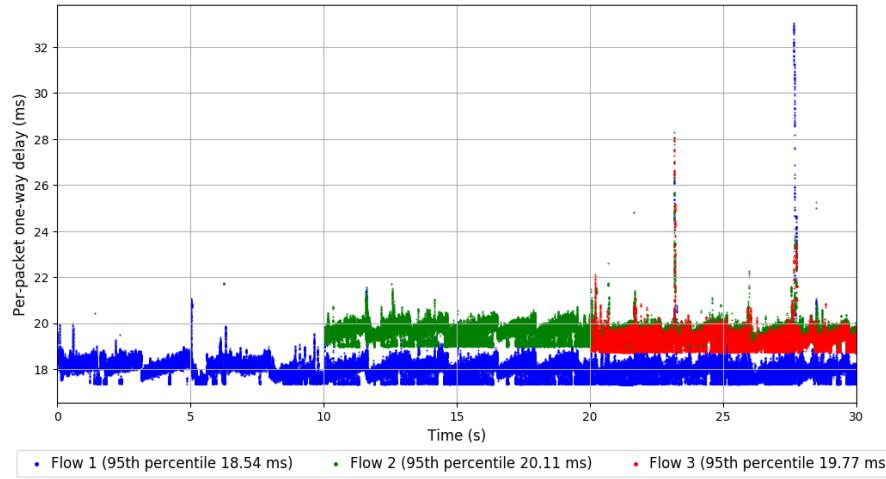
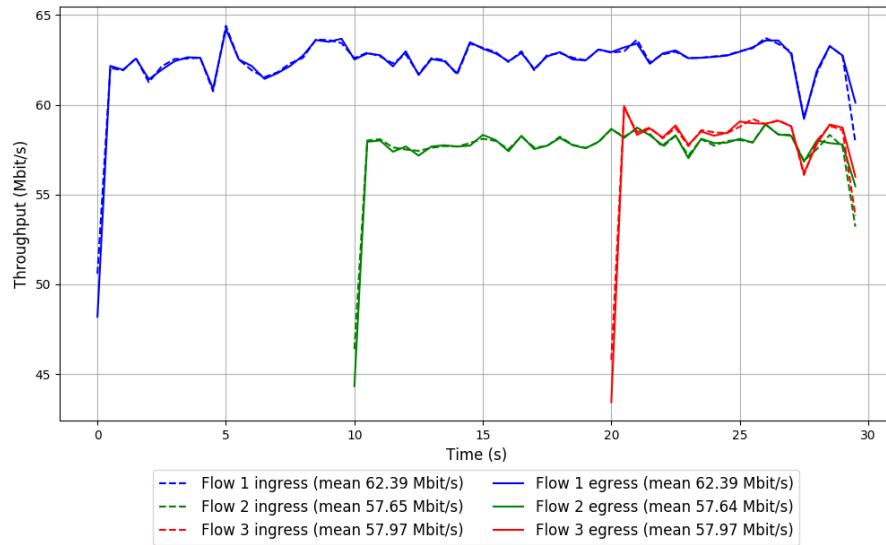


Run 10: Statistics of KohoCC

```
Start at: Sat, 29 Jul 2017 07:45:08 +0000
End at: Sat, 29 Jul 2017 07:45:38 +0000
Local clock offset: 0.666 ms
Remote clock offset: -1.117 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:35:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.02 Mbit/s
95th percentile per-packet one-way delay: 19.939 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 62.39 Mbit/s
95th percentile per-packet one-way delay: 18.538 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 20.114 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 57.97 Mbit/s
95th percentile per-packet one-way delay: 19.765 ms
Loss rate: 0.01%
```

Run 10: Report of KohoCC — Data Link

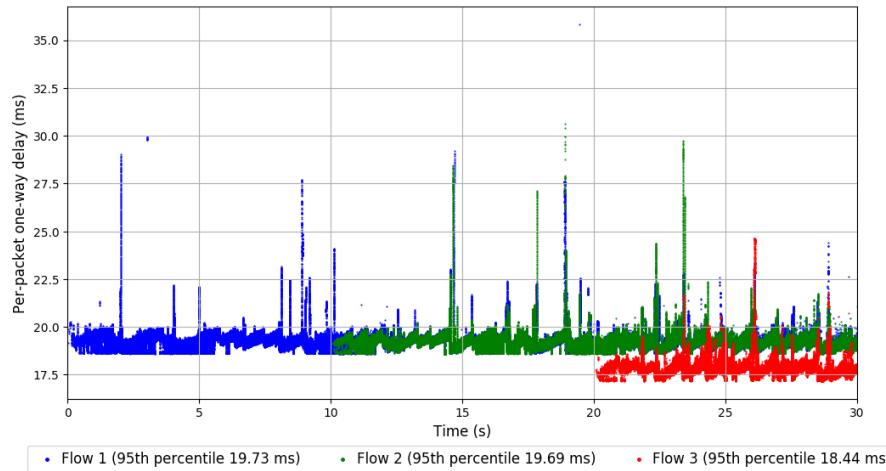
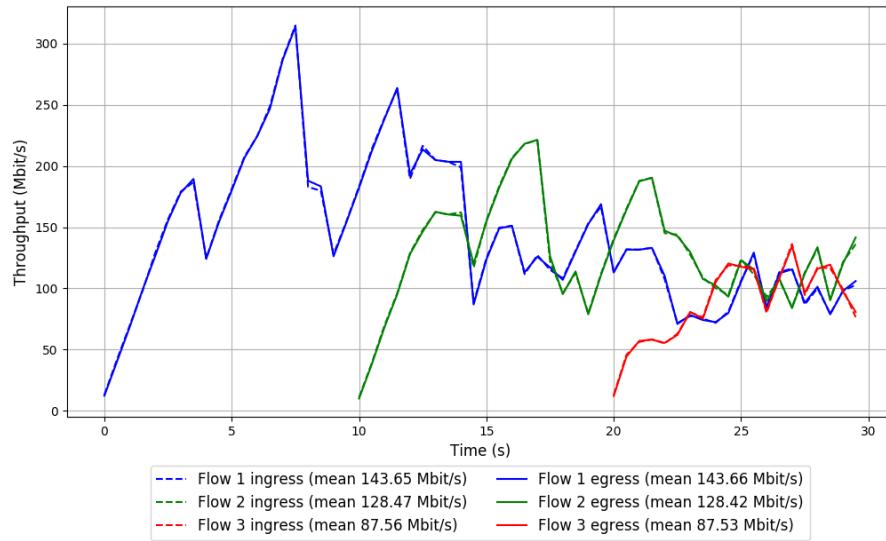


Run 1: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 04:26:08 +0000
End at: Sat, 29 Jul 2017 04:26:38 +0000
Local clock offset: -0.36 ms
Remote clock offset: -2.132 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:35:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 257.97 Mbit/s
95th percentile per-packet one-way delay: 19.697 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 143.66 Mbit/s
95th percentile per-packet one-way delay: 19.725 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 128.42 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 18.438 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link

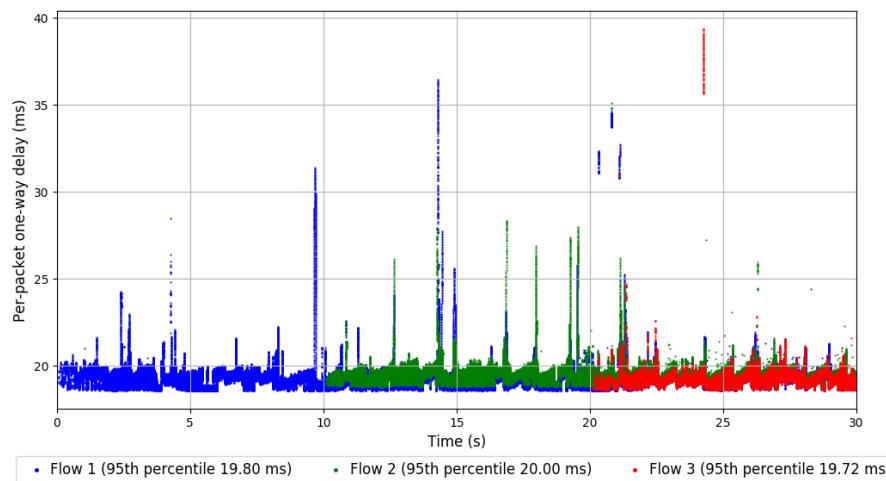
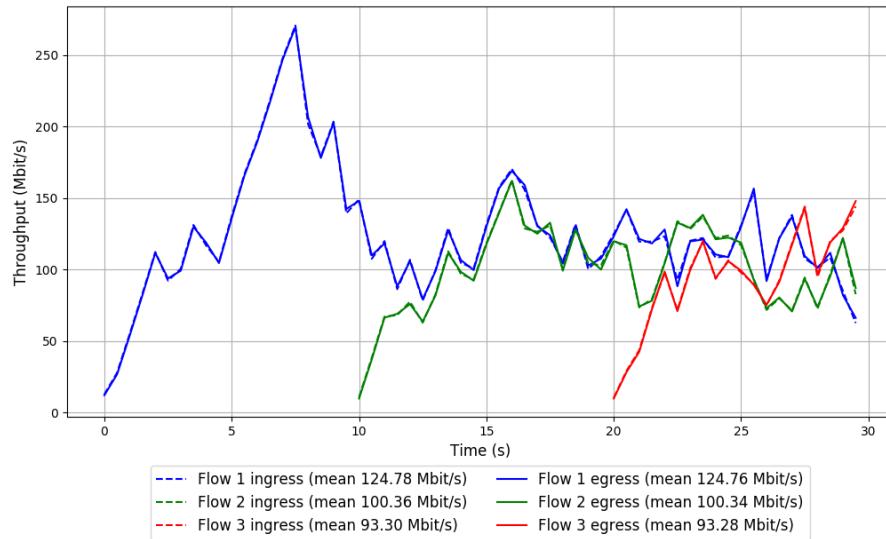


Run 2: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 04:47:03 +0000
End at: Sat, 29 Jul 2017 04:47:33 +0000
Local clock offset: 0.044 ms
Remote clock offset: -2.196 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:35:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 19.885 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 124.76 Mbit/s
95th percentile per-packet one-way delay: 19.800 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 100.34 Mbit/s
95th percentile per-packet one-way delay: 20.001 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 19.723 ms
Loss rate: 0.03%
```

Run 2: Report of LEDBAT — Data Link

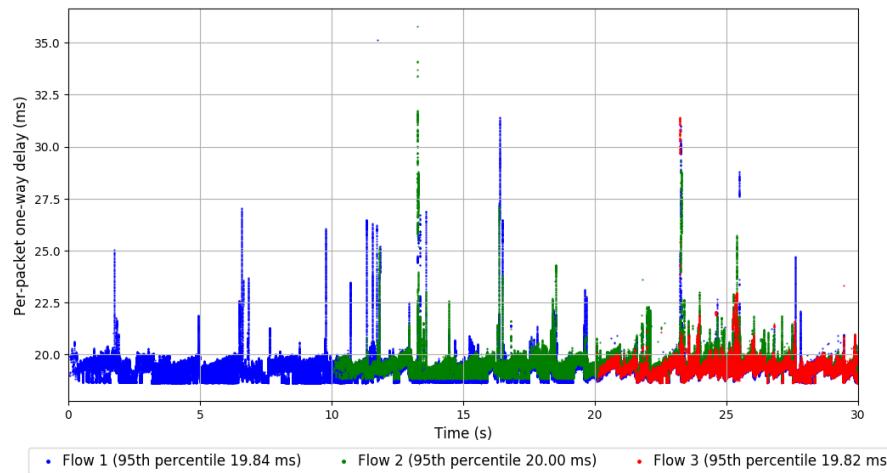
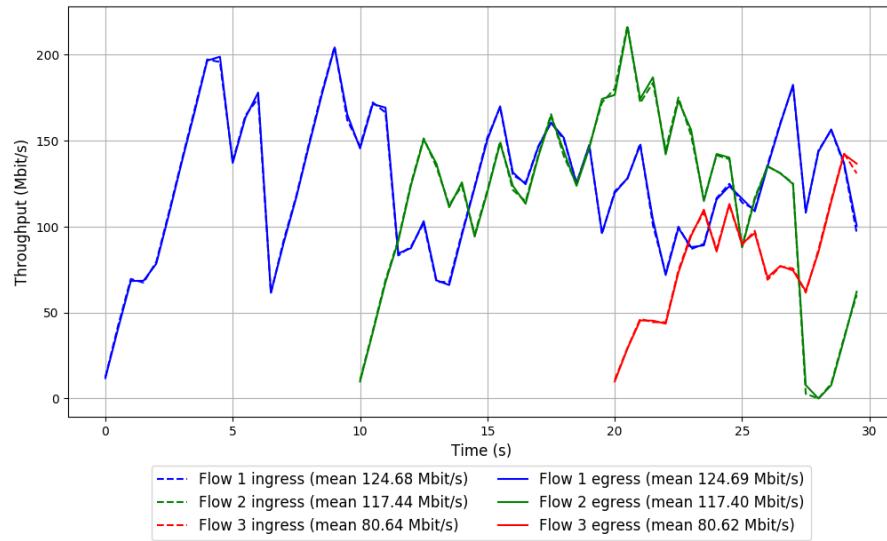


Run 3: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 05:07:44 +0000
End at: Sat, 29 Jul 2017 05:08:14 +0000
Local clock offset: 0.354 ms
Remote clock offset: -1.802 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:36:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 229.44 Mbit/s
95th percentile per-packet one-way delay: 19.907 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 124.69 Mbit/s
95th percentile per-packet one-way delay: 19.839 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 117.40 Mbit/s
95th percentile per-packet one-way delay: 19.997 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.03%
```

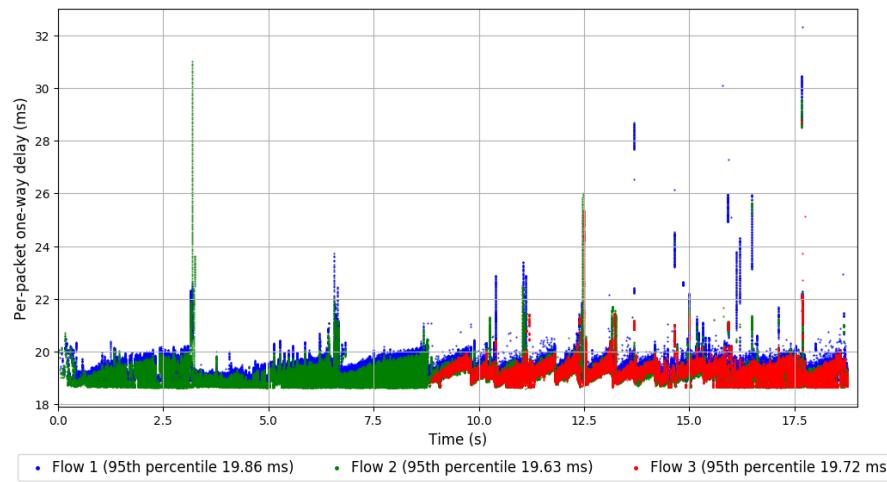
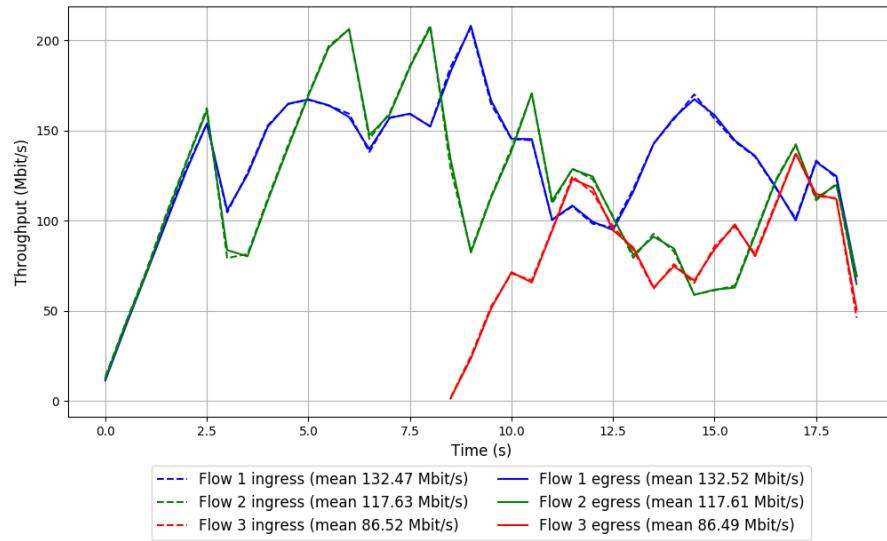
Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sat, 29 Jul 2017 05:28:35 +0000
End at: Sat, 29 Jul 2017 05:29:05 +0000
Local clock offset: 0.688 ms
Remote clock offset: -1.361 ms

Run 4: Report of LEDBAT — Data Link

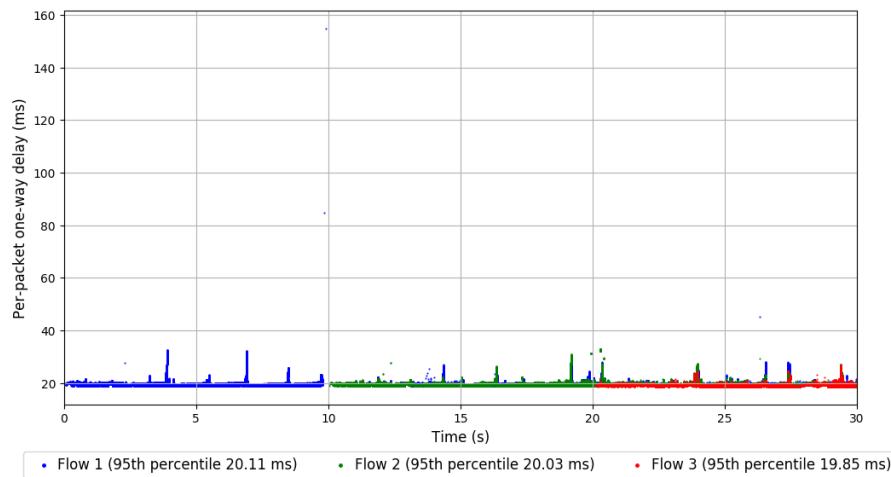
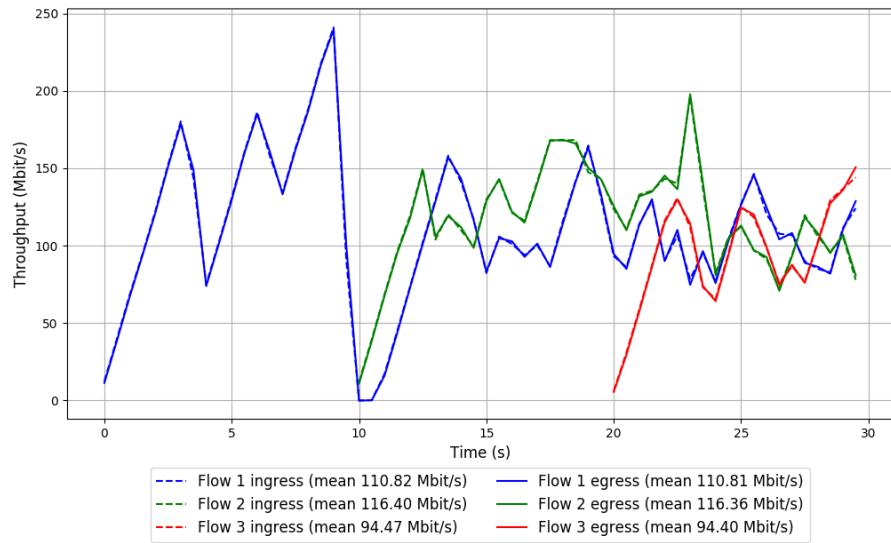


Run 5: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 05:49:18 +0000
End at: Sat, 29 Jul 2017 05:49:48 +0000
Local clock offset: 0.88 ms
Remote clock offset: -1.238 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:36:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 219.43 Mbit/s
95th percentile per-packet one-way delay: 20.071 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 110.81 Mbit/s
95th percentile per-packet one-way delay: 20.113 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 116.36 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 19.846 ms
Loss rate: 0.08%
```

Run 5: Report of LEDBAT — Data Link

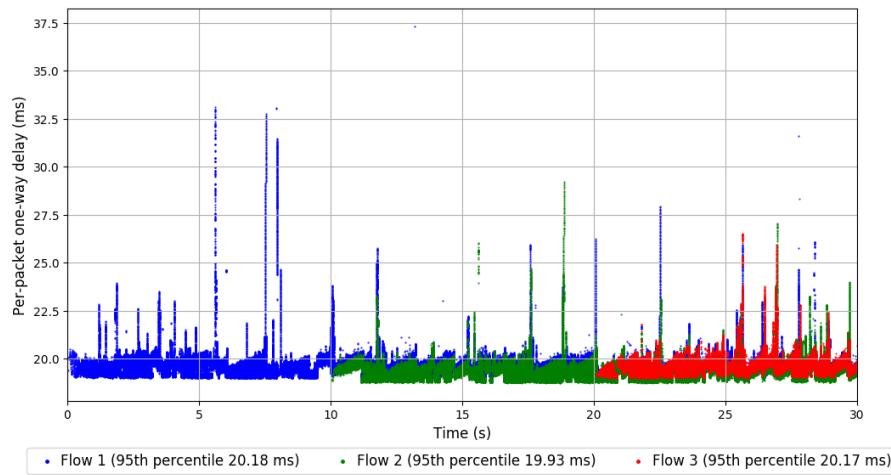
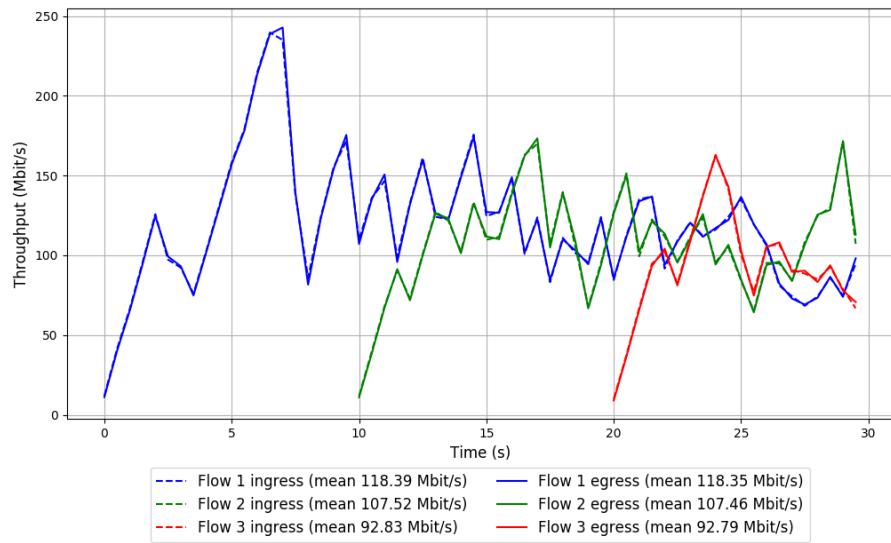


Run 6: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 06:10:04 +0000
End at: Sat, 29 Jul 2017 06:10:34 +0000
Local clock offset: 0.984 ms
Remote clock offset: -1.152 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:36:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 220.51 Mbit/s
95th percentile per-packet one-way delay: 20.138 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 118.35 Mbit/s
95th percentile per-packet one-way delay: 20.181 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 107.46 Mbit/s
95th percentile per-packet one-way delay: 19.935 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 20.171 ms
Loss rate: 0.04%
```

Run 6: Report of LEDBAT — Data Link

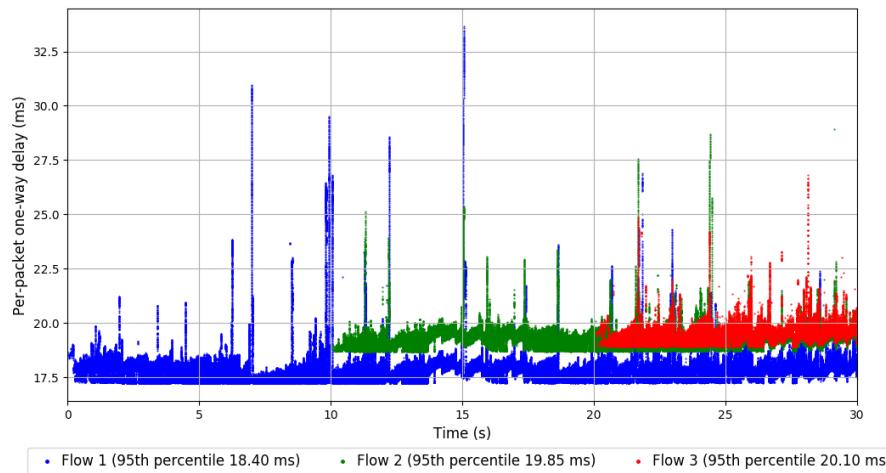
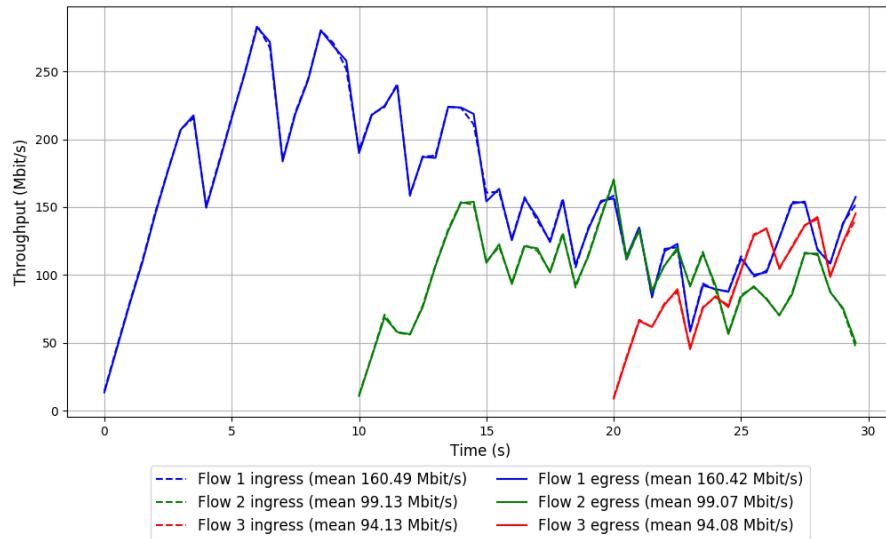


Run 7: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 06:30:52 +0000
End at: Sat, 29 Jul 2017 06:31:22 +0000
Local clock offset: 0.888 ms
Remote clock offset: -1.149 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:37:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 257.38 Mbit/s
95th percentile per-packet one-way delay: 19.760 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 160.42 Mbit/s
95th percentile per-packet one-way delay: 18.401 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 99.07 Mbit/s
95th percentile per-packet one-way delay: 19.848 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 20.096 ms
Loss rate: 0.04%
```

Run 7: Report of LEDBAT — Data Link

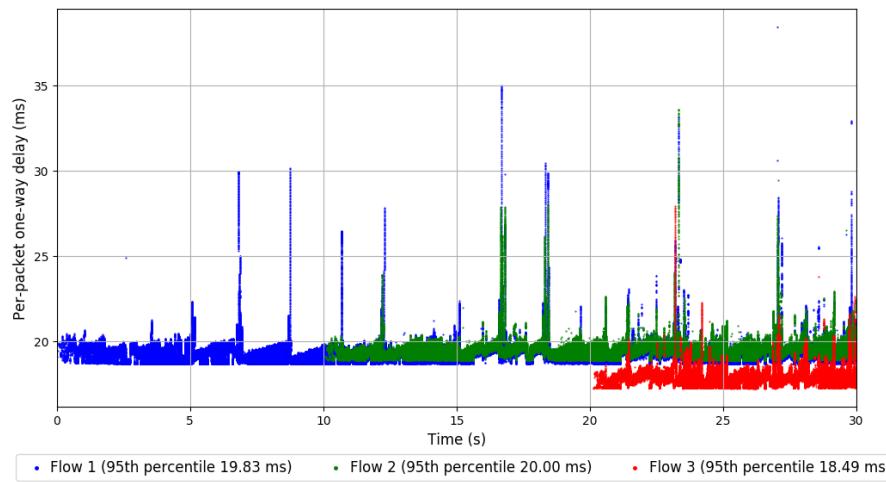
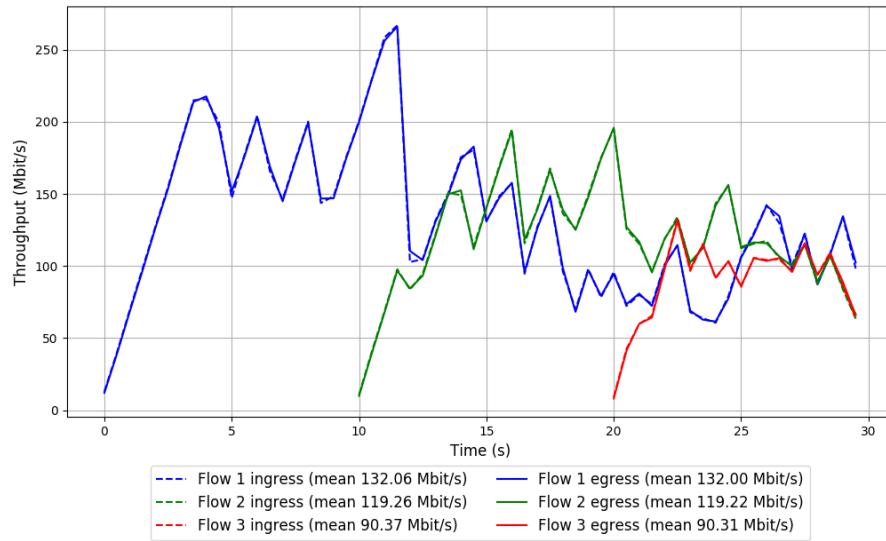


Run 8: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 06:51:32 +0000
End at: Sat, 29 Jul 2017 06:52:02 +0000
Local clock offset: 0.833 ms
Remote clock offset: -1.254 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:37:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 241.02 Mbit/s
95th percentile per-packet one-way delay: 19.889 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 132.00 Mbit/s
95th percentile per-packet one-way delay: 19.831 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 119.22 Mbit/s
95th percentile per-packet one-way delay: 20.004 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 18.486 ms
Loss rate: 0.07%
```

Run 8: Report of LEDBAT — Data Link

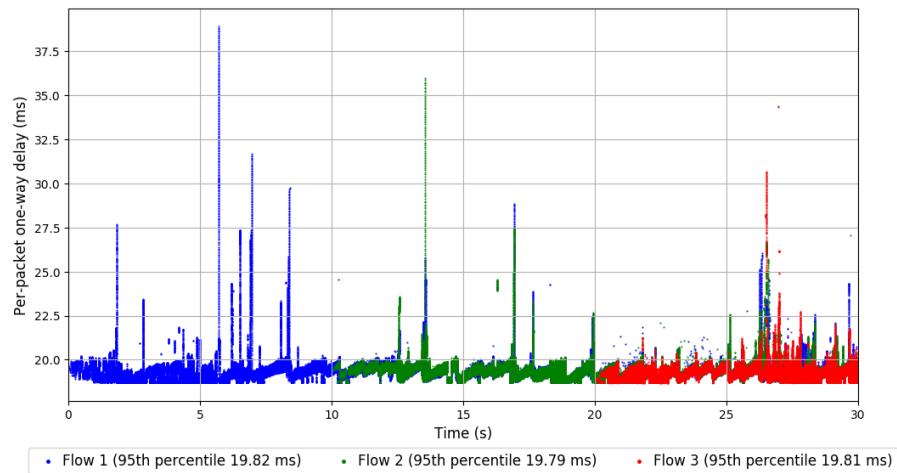
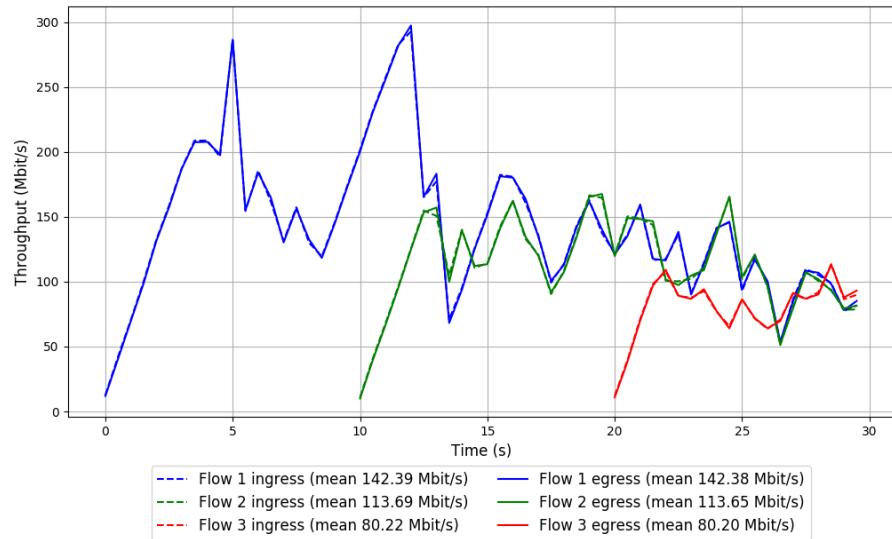


Run 9: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 07:12:05 +0000
End at: Sat, 29 Jul 2017 07:12:35 +0000
Local clock offset: 0.826 ms
Remote clock offset: -0.997 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:37:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 244.53 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 142.38 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 113.65 Mbit/s
95th percentile per-packet one-way delay: 19.787 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 19.811 ms
Loss rate: 0.05%
```

Run 9: Report of LEDBAT — Data Link

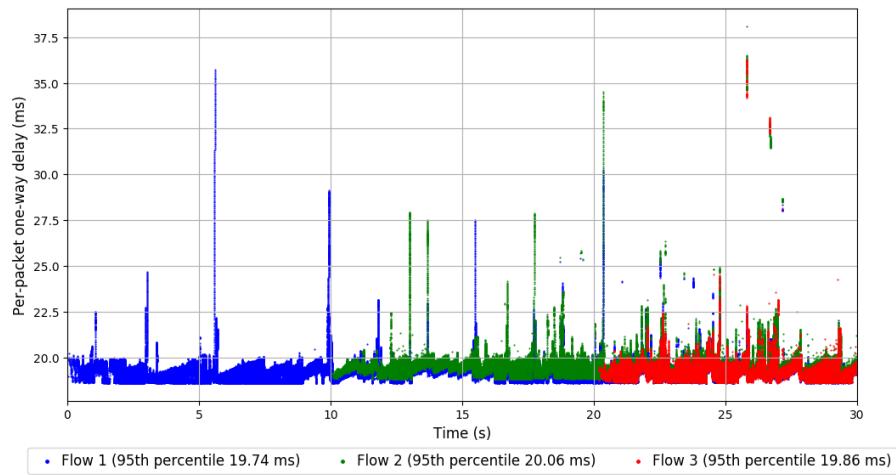
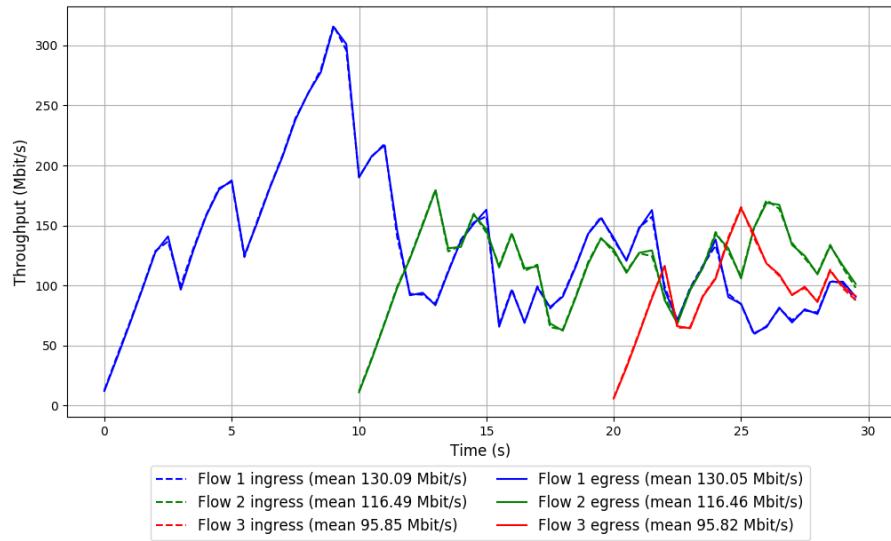


Run 10: Statistics of LEDBAT

```
Start at: Sat, 29 Jul 2017 07:32:42 +0000
End at: Sat, 29 Jul 2017 07:33:12 +0000
Local clock offset: 0.777 ms
Remote clock offset: -1.399 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:37:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 238.94 Mbit/s
95th percentile per-packet one-way delay: 19.900 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 130.05 Mbit/s
95th percentile per-packet one-way delay: 19.738 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 116.46 Mbit/s
95th percentile per-packet one-way delay: 20.056 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 19.855 ms
Loss rate: 0.02%
```

Run 10: Report of LEDBAT — Data Link

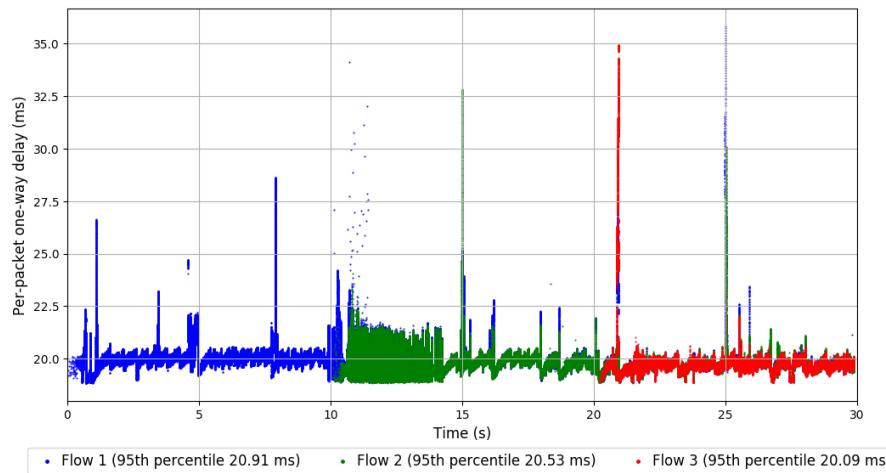
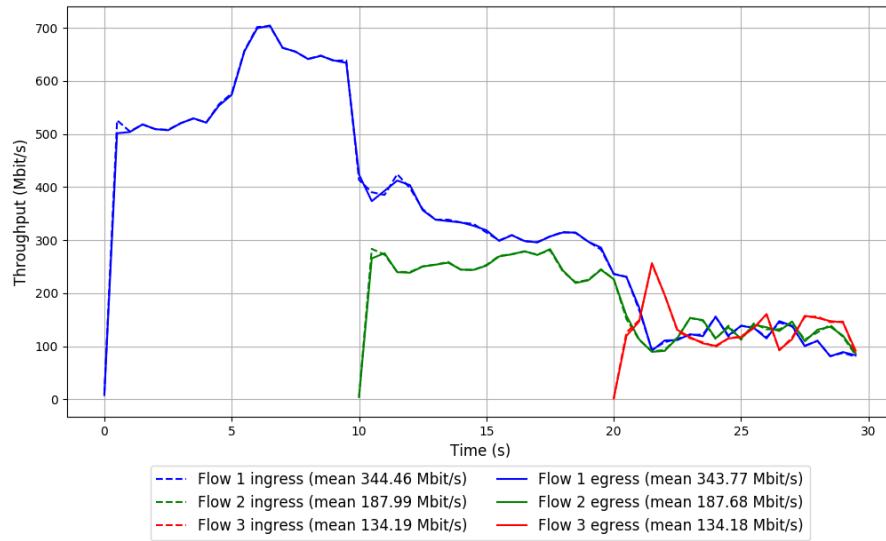


Run 1: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 04:32:07 +0000
End at: Sat, 29 Jul 2017 04:32:37 +0000
Local clock offset: -0.249 ms
Remote clock offset: -2.113 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:38:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 511.82 Mbit/s
95th percentile per-packet one-way delay: 20.785 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 343.77 Mbit/s
95th percentile per-packet one-way delay: 20.915 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 187.68 Mbit/s
95th percentile per-packet one-way delay: 20.526 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 134.18 Mbit/s
95th percentile per-packet one-way delay: 20.088 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

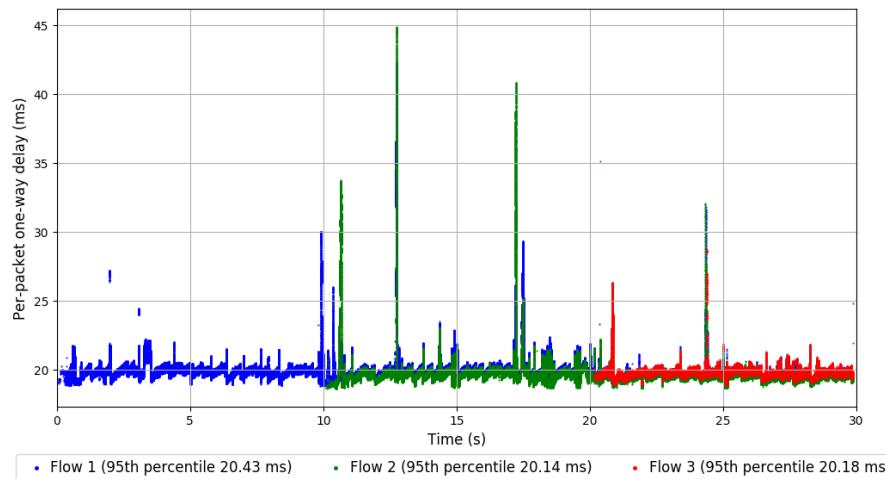
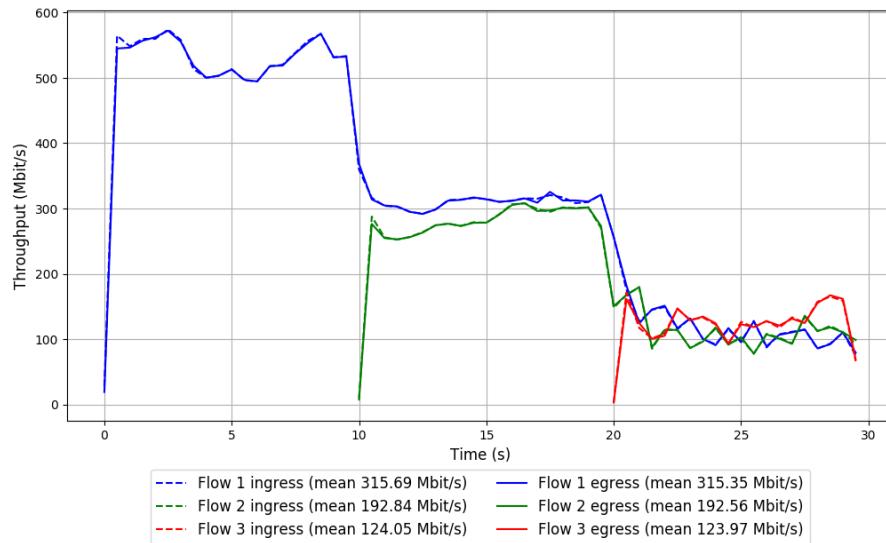


Run 2: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 04:52:57 +0000
End at: Sat, 29 Jul 2017 04:53:27 +0000
Local clock offset: 0.101 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:38:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 483.51 Mbit/s
95th percentile per-packet one-way delay: 20.356 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 315.35 Mbit/s
95th percentile per-packet one-way delay: 20.433 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 192.56 Mbit/s
95th percentile per-packet one-way delay: 20.143 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 123.97 Mbit/s
95th percentile per-packet one-way delay: 20.182 ms
Loss rate: 0.06%
```

Run 2: Report of PCC — Data Link

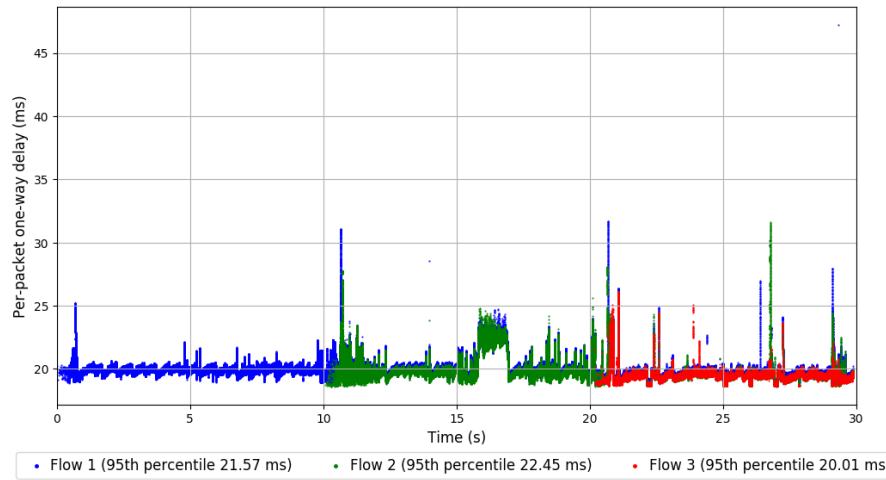
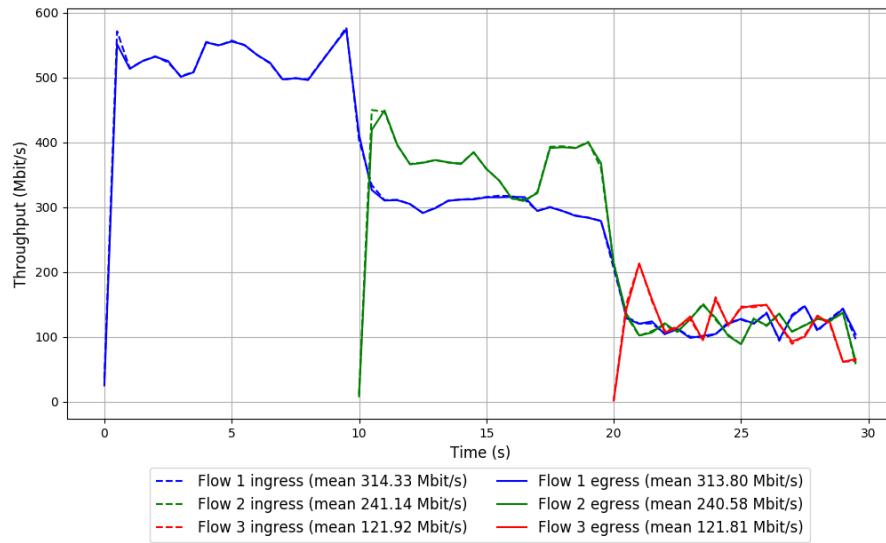


Run 3: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 05:13:41 +0000
End at: Sat, 29 Jul 2017 05:14:11 +0000
Local clock offset: 0.462 ms
Remote clock offset: -1.753 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:39:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.99 Mbit/s
95th percentile per-packet one-way delay: 22.084 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 313.80 Mbit/s
95th percentile per-packet one-way delay: 21.574 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 240.58 Mbit/s
95th percentile per-packet one-way delay: 22.452 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 121.81 Mbit/s
95th percentile per-packet one-way delay: 20.010 ms
Loss rate: 0.09%
```

Run 3: Report of PCC — Data Link

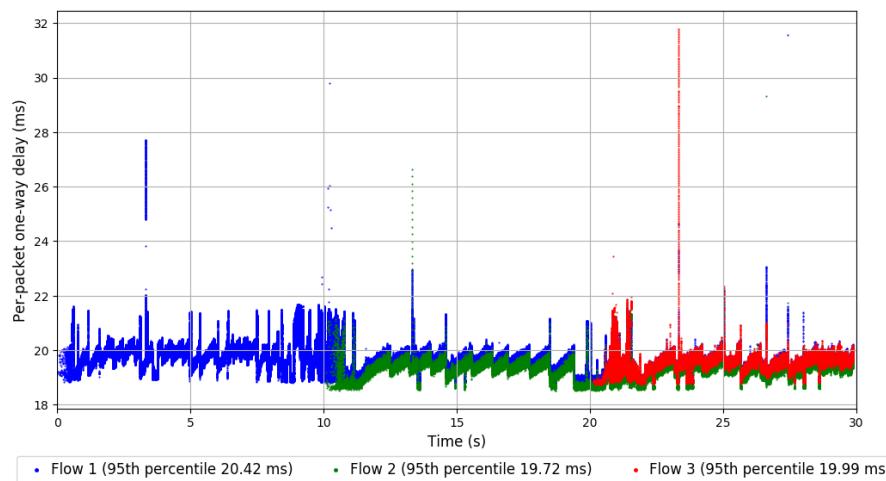
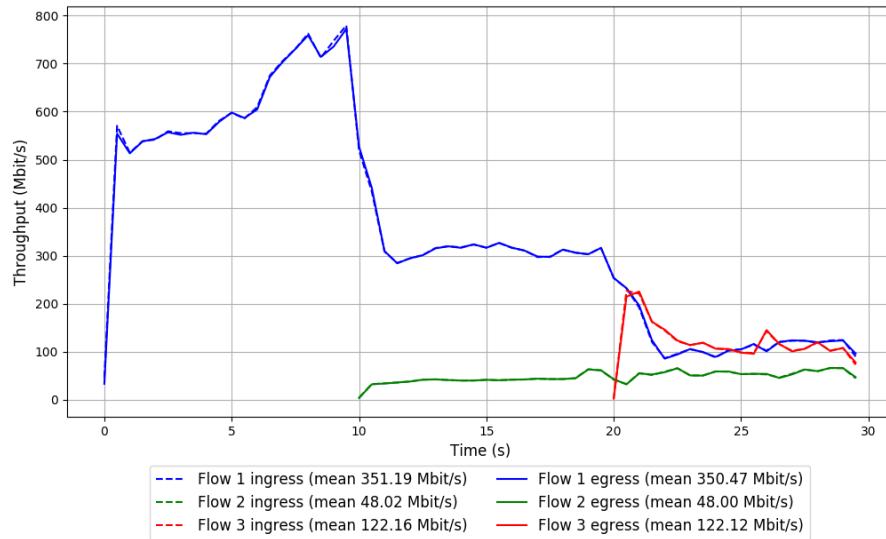


Run 4: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 05:34:28 +0000
End at: Sat, 29 Jul 2017 05:34:58 +0000
Local clock offset: 0.759 ms
Remote clock offset: -1.254 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:39:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 422.31 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 350.47 Mbit/s
95th percentile per-packet one-way delay: 20.421 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 19.723 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 122.12 Mbit/s
95th percentile per-packet one-way delay: 19.989 ms
Loss rate: 0.03%
```

Run 4: Report of PCC — Data Link

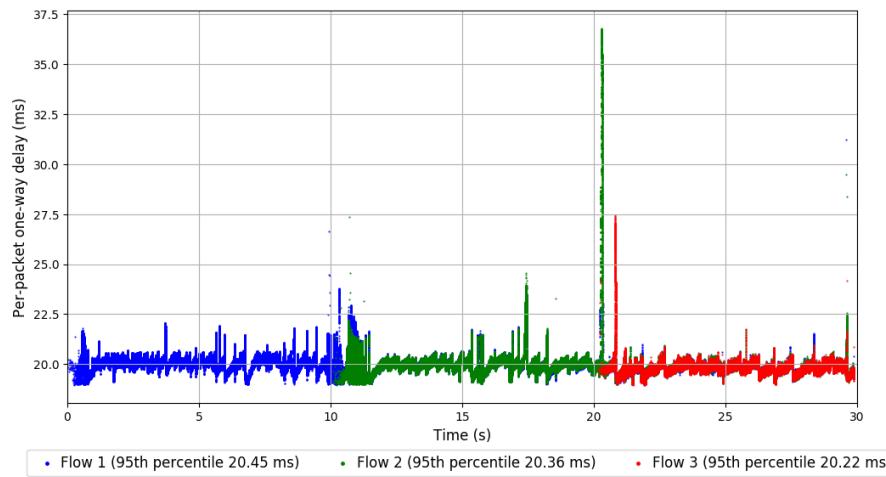
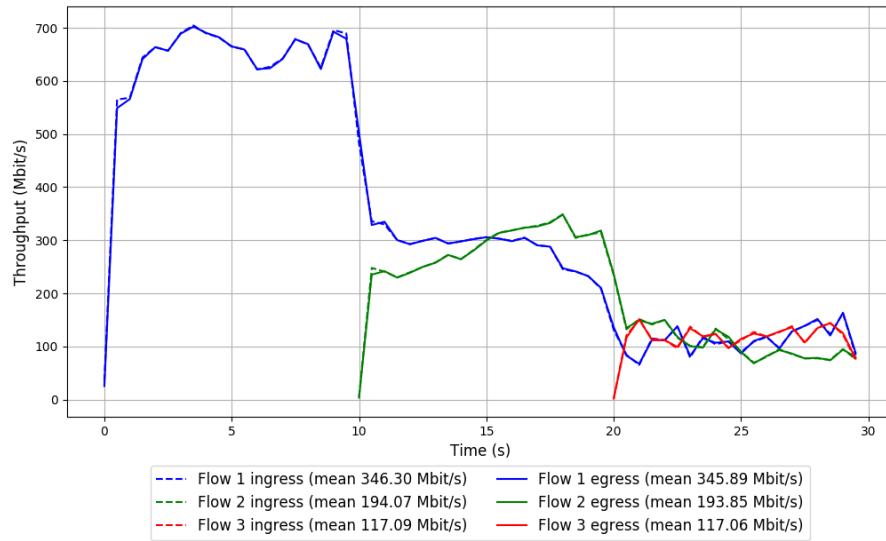


Run 5: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 05:55:15 +0000
End at: Sat, 29 Jul 2017 05:55:45 +0000
Local clock offset: 0.94 ms
Remote clock offset: -1.064 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:40:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.43 Mbit/s
95th percentile per-packet one-way delay: 20.423 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 345.89 Mbit/s
95th percentile per-packet one-way delay: 20.449 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 193.85 Mbit/s
95th percentile per-packet one-way delay: 20.359 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 117.06 Mbit/s
95th percentile per-packet one-way delay: 20.219 ms
Loss rate: 0.02%
```

Run 5: Report of PCC — Data Link

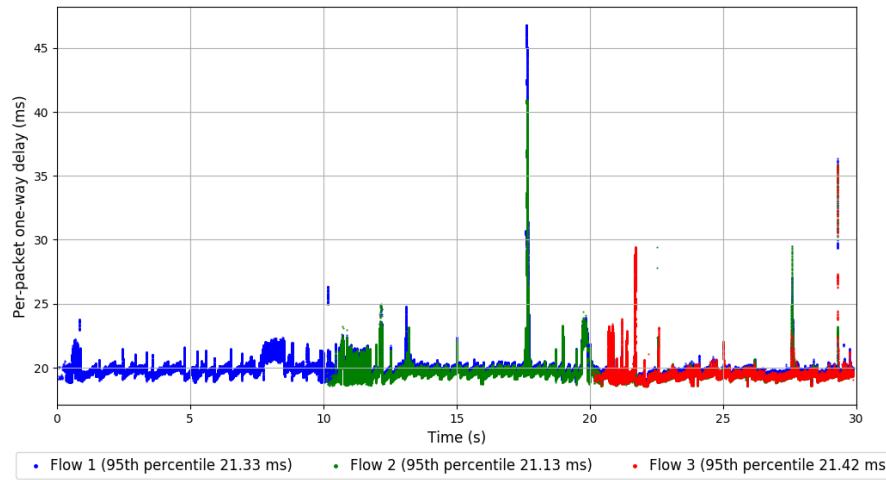
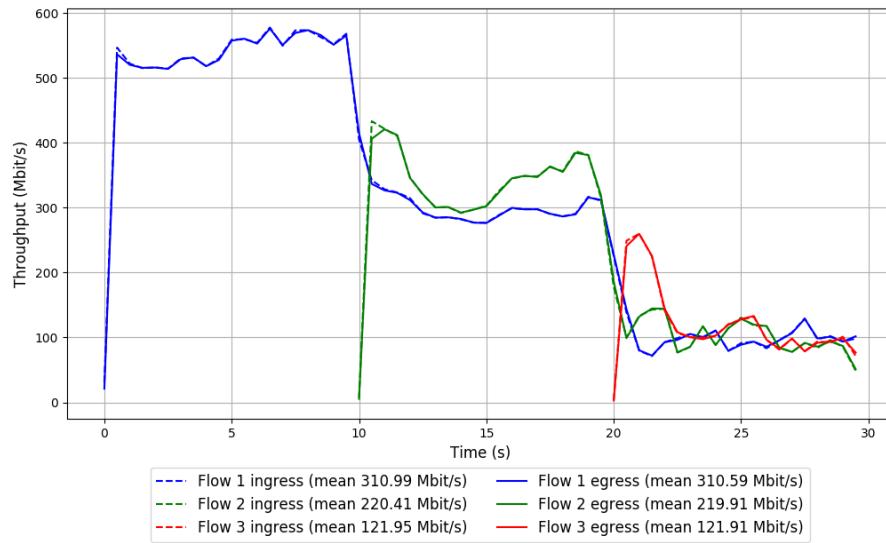


Run 6: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 06:16:00 +0000
End at: Sat, 29 Jul 2017 06:16:30 +0000
Local clock offset: 1.016 ms
Remote clock offset: -1.294 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:41:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 496.10 Mbit/s
95th percentile per-packet one-way delay: 21.303 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 310.59 Mbit/s
95th percentile per-packet one-way delay: 21.326 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 219.91 Mbit/s
95th percentile per-packet one-way delay: 21.130 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 121.91 Mbit/s
95th percentile per-packet one-way delay: 21.420 ms
Loss rate: 0.04%
```

Run 6: Report of PCC — Data Link

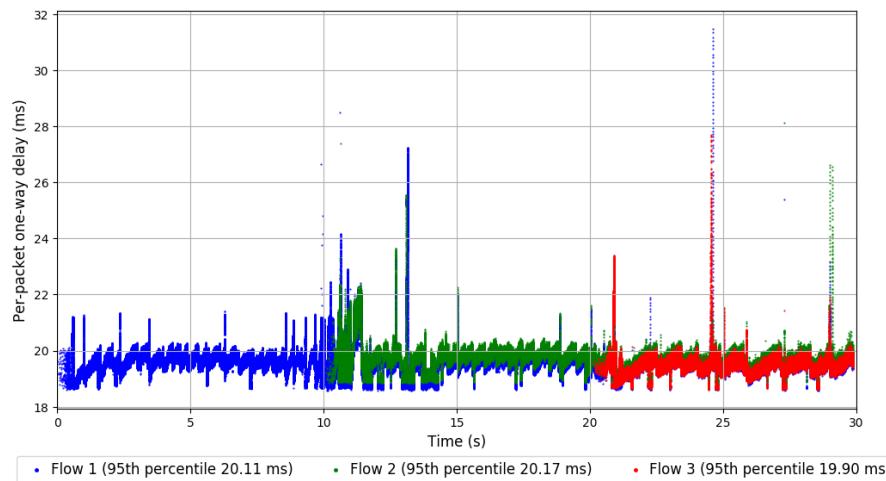
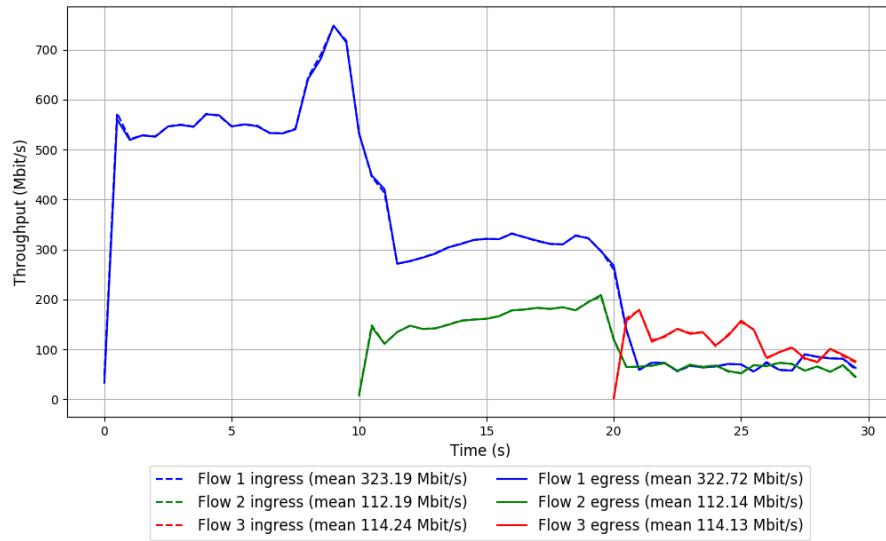


Run 7: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 06:36:49 +0000
End at: Sat, 29 Jul 2017 06:37:19 +0000
Local clock offset: 0.954 ms
Remote clock offset: -1.183 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:41:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.22 Mbit/s
95th percentile per-packet one-way delay: 20.120 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 322.72 Mbit/s
95th percentile per-packet one-way delay: 20.105 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 112.14 Mbit/s
95th percentile per-packet one-way delay: 20.167 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 114.13 Mbit/s
95th percentile per-packet one-way delay: 19.897 ms
Loss rate: 0.10%
```

Run 7: Report of PCC — Data Link

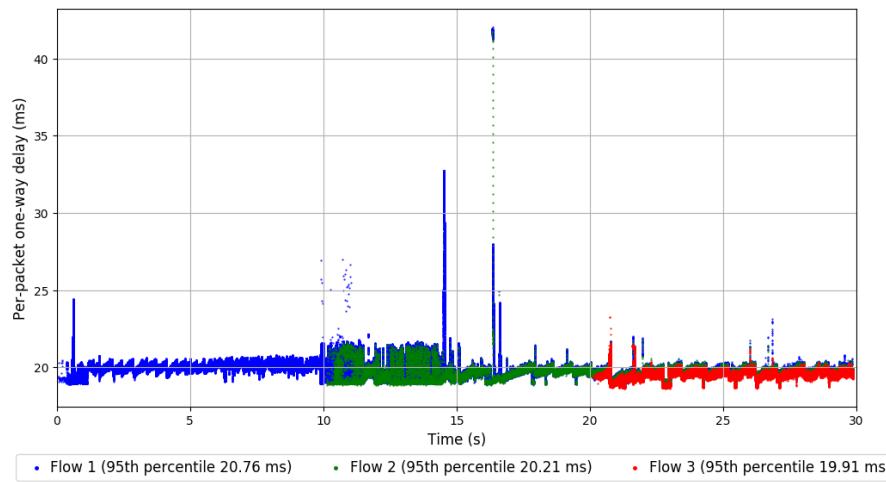
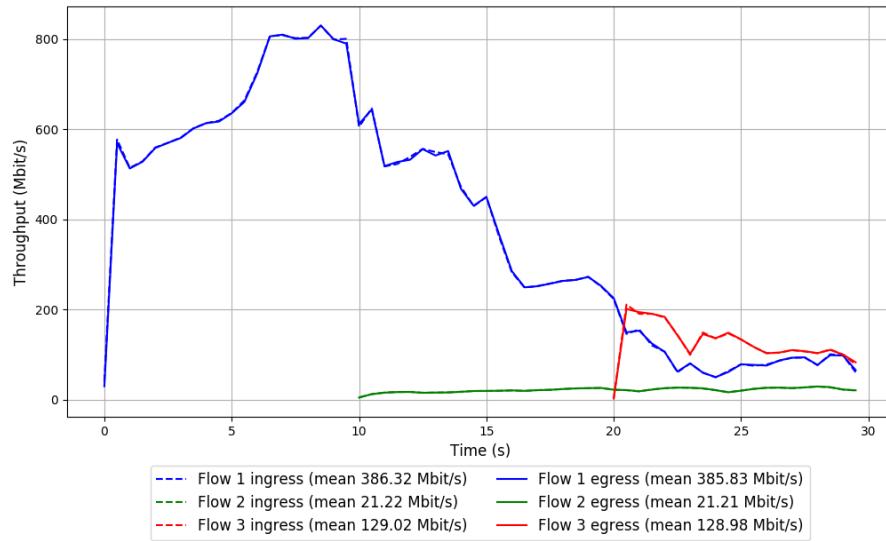


Run 8: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 06:57:28 +0000
End at: Sat, 29 Jul 2017 06:57:58 +0000
Local clock offset: 0.798 ms
Remote clock offset: -1.179 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:42:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 441.89 Mbit/s
95th percentile per-packet one-way delay: 20.693 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 385.83 Mbit/s
95th percentile per-packet one-way delay: 20.756 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 20.209 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 128.98 Mbit/s
95th percentile per-packet one-way delay: 19.909 ms
Loss rate: 0.04%
```

Run 8: Report of PCC — Data Link

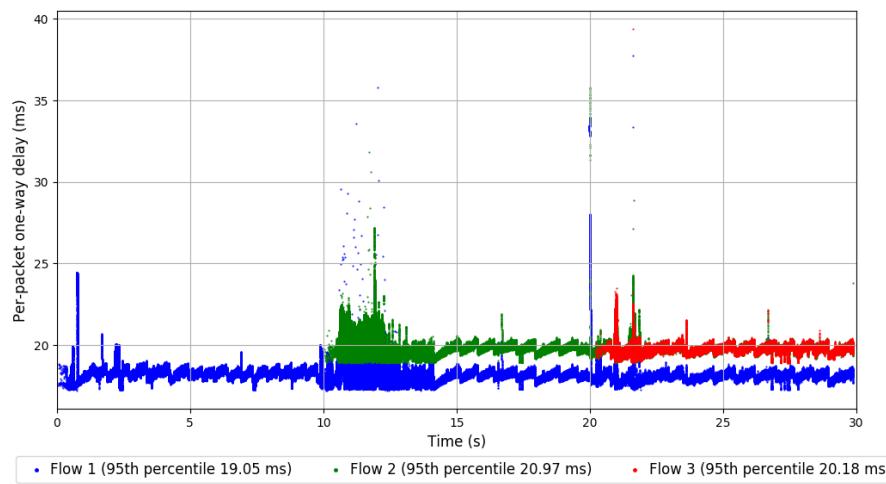
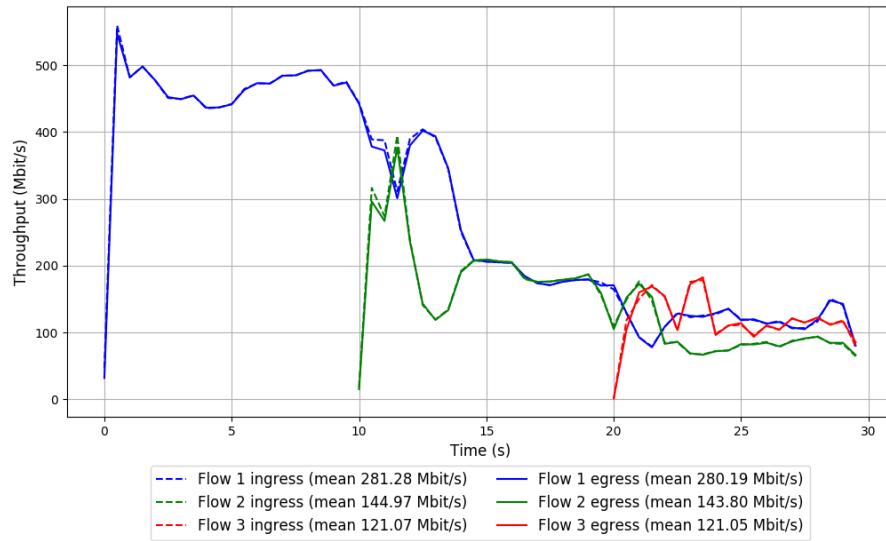


Run 9: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 07:17:58 +0000
End at: Sat, 29 Jul 2017 07:18:28 +0000
Local clock offset: 0.707 ms
Remote clock offset: -1.147 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:42:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 415.01 Mbit/s
95th percentile per-packet one-way delay: 20.103 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 280.19 Mbit/s
95th percentile per-packet one-way delay: 19.052 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 143.80 Mbit/s
95th percentile per-packet one-way delay: 20.966 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 121.05 Mbit/s
95th percentile per-packet one-way delay: 20.180 ms
Loss rate: 0.02%
```

Run 9: Report of PCC — Data Link

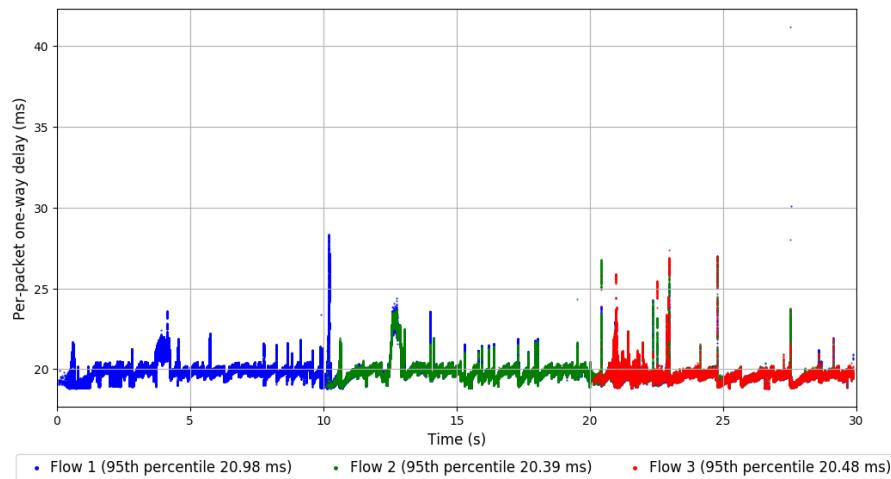
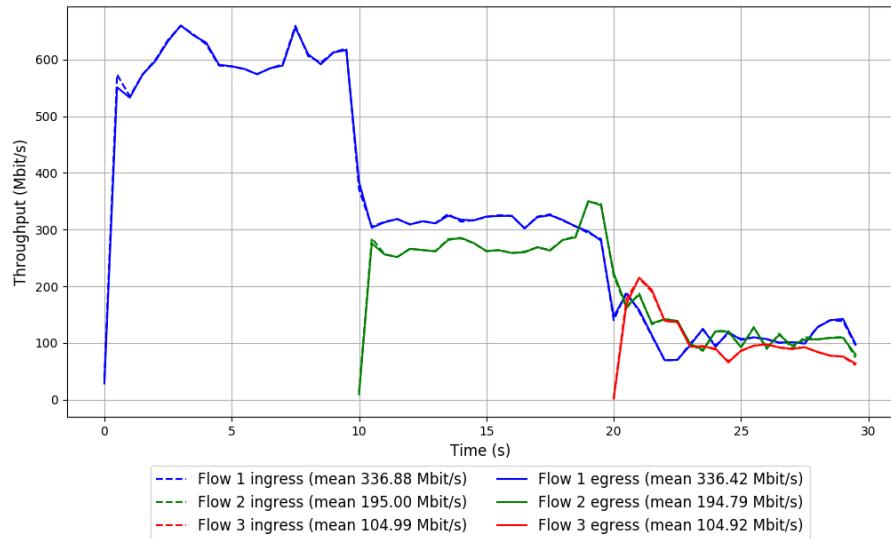


Run 10: Statistics of PCC

```
Start at: Sat, 29 Jul 2017 07:38:39 +0000
End at: Sat, 29 Jul 2017 07:39:09 +0000
Local clock offset: 0.777 ms
Remote clock offset: -1.259 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 499.96 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 336.42 Mbit/s
95th percentile per-packet one-way delay: 20.978 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 194.79 Mbit/s
95th percentile per-packet one-way delay: 20.388 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 104.92 Mbit/s
95th percentile per-packet one-way delay: 20.475 ms
Loss rate: 0.06%
```

Run 10: Report of PCC — Data Link

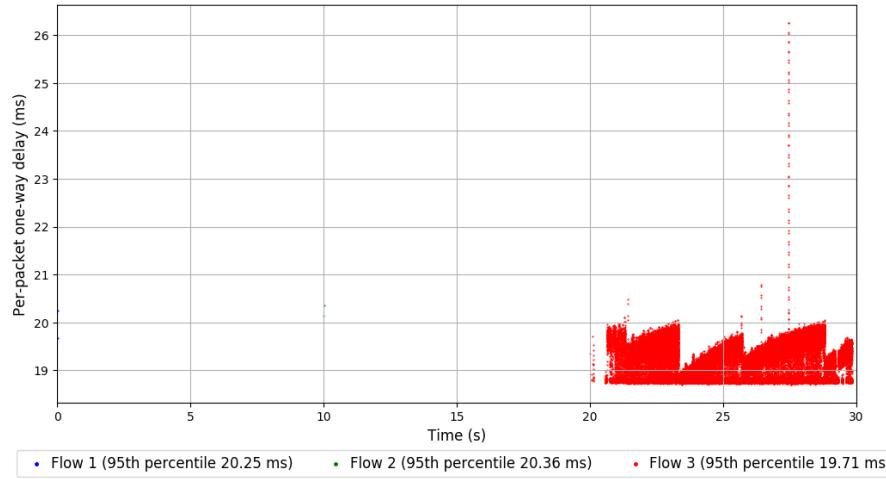
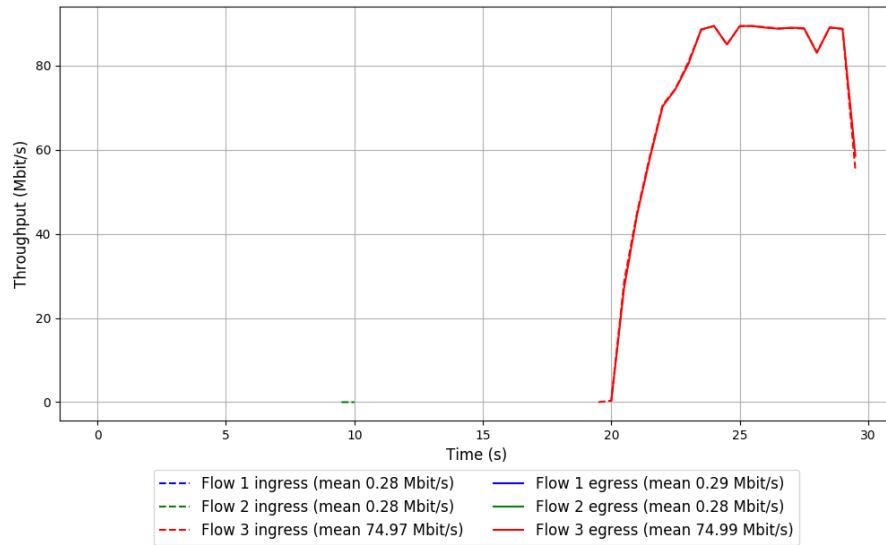


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Sat, 29 Jul 2017 04:35:03 +0000
End at: Sat, 29 Jul 2017 04:35:33 +0000
Local clock offset: -0.271 ms
Remote clock offset: -2.14 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 19.708 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 20.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 20.357 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 19.708 ms
Loss rate: 0.01%
```

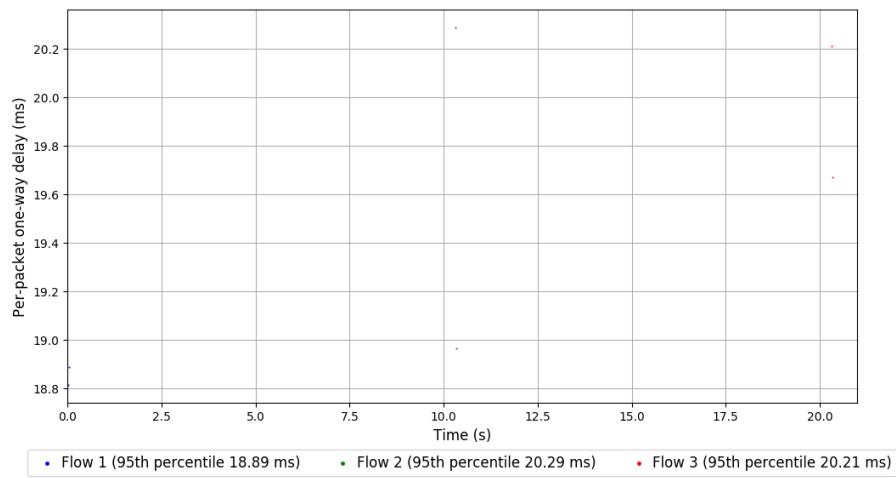
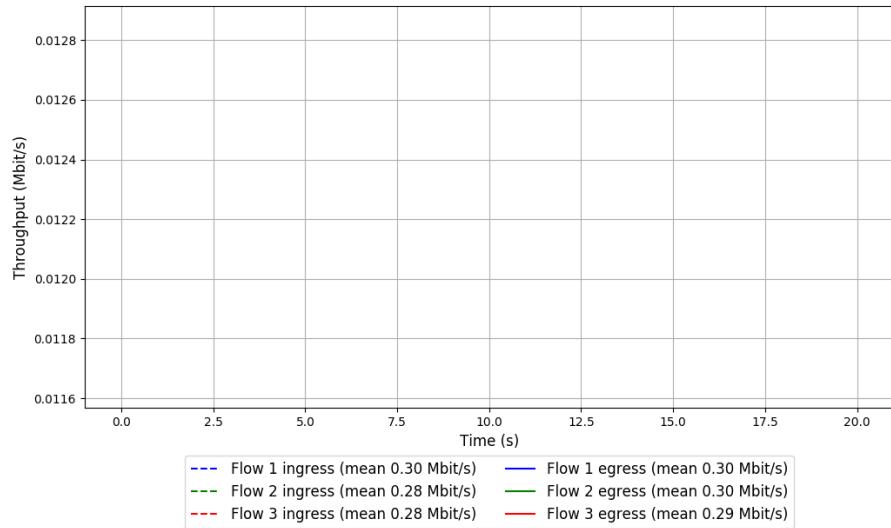
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 04:55:51 +0000
End at: Sat, 29 Jul 2017 04:56:21 +0000
Local clock offset: 0.053 ms
Remote clock offset: -2.199 ms

Run 2: Report of QUIC Cubic — Data Link

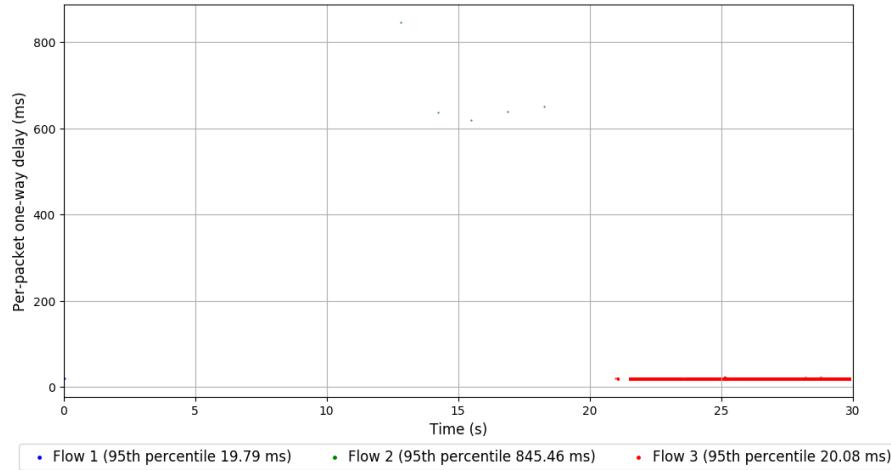
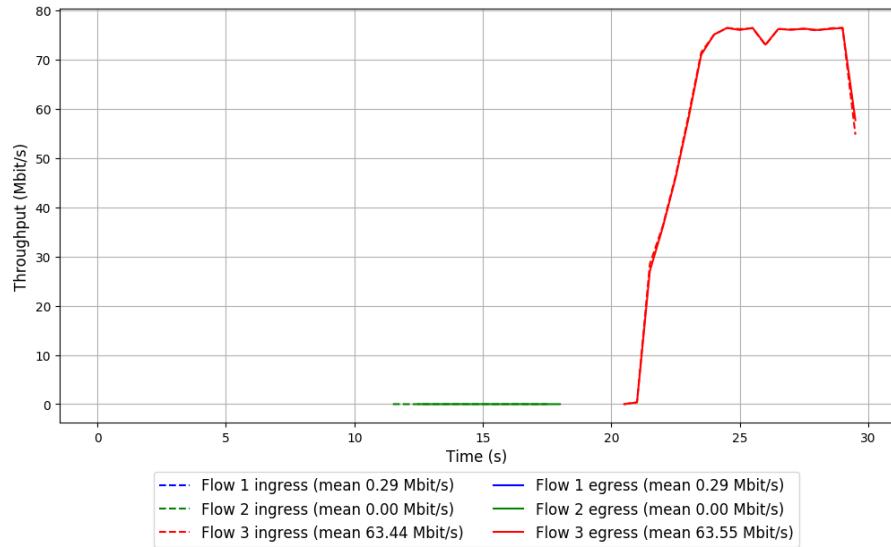


Run 3: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 05:16:38 +0000
End at: Sat, 29 Jul 2017 05:17:08 +0000
Local clock offset: 0.408 ms
Remote clock offset: -1.652 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.93 Mbit/s
95th percentile per-packet one-way delay: 20.080 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 19.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 845.464 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.55 Mbit/s
95th percentile per-packet one-way delay: 20.080 ms
Loss rate: 0.02%
```

Run 3: Report of QUIC Cubic — Data Link

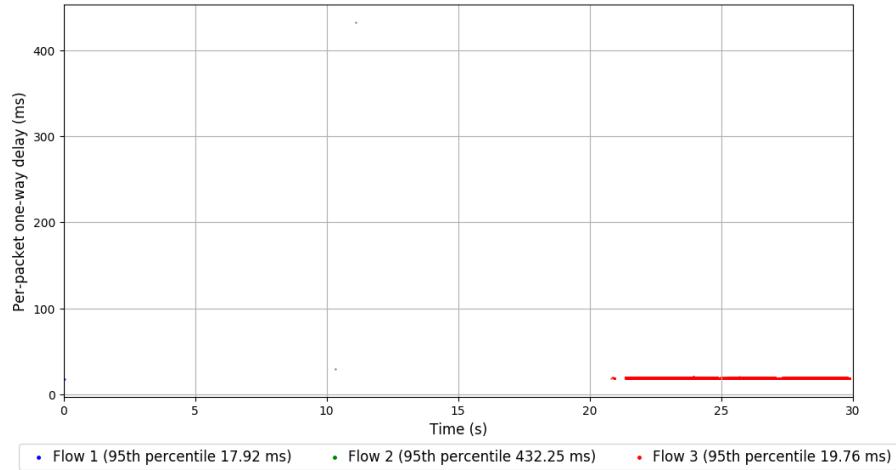
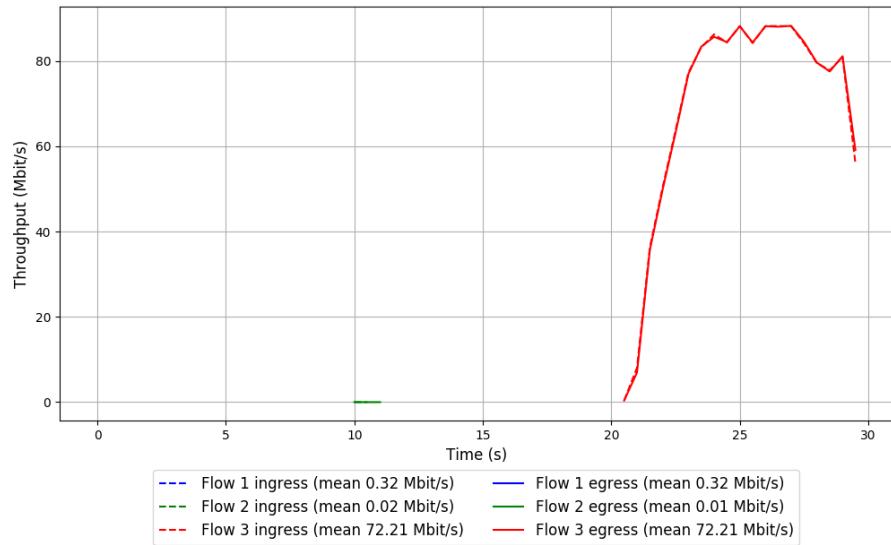


Run 4: Statistics of QUIC Cubic

```
Start at: Sat, 29 Jul 2017 05:37:20 +0000
End at: Sat, 29 Jul 2017 05:37:50 +0000
Local clock offset: 0.823 ms
Remote clock offset: -1.045 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 19.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 17.921 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 432.245 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 19.763 ms
Loss rate: 0.00%
```

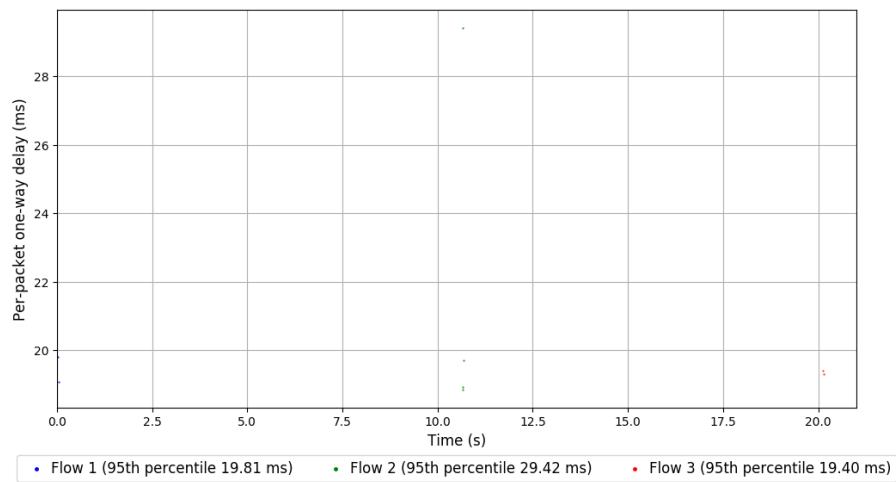
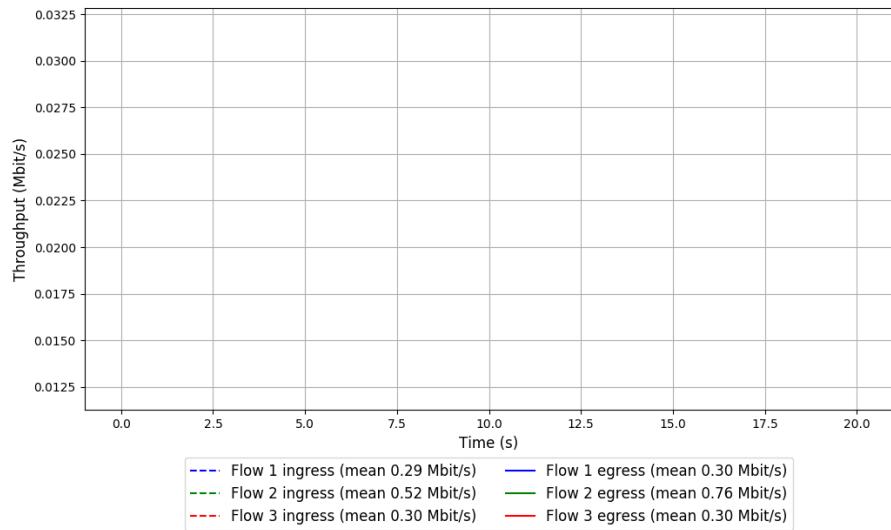
Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 05:58:10 +0000
End at: Sat, 29 Jul 2017 05:58:40 +0000
Local clock offset: 0.985 ms
Remote clock offset: -1.102 ms

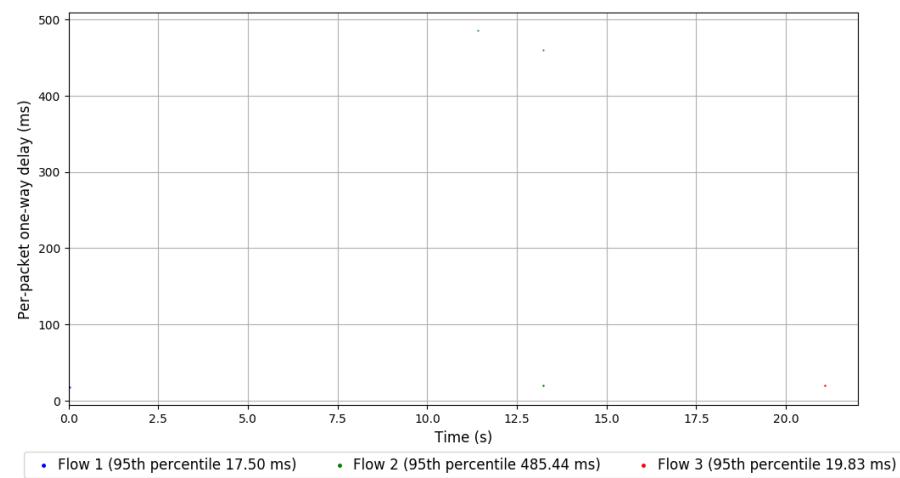
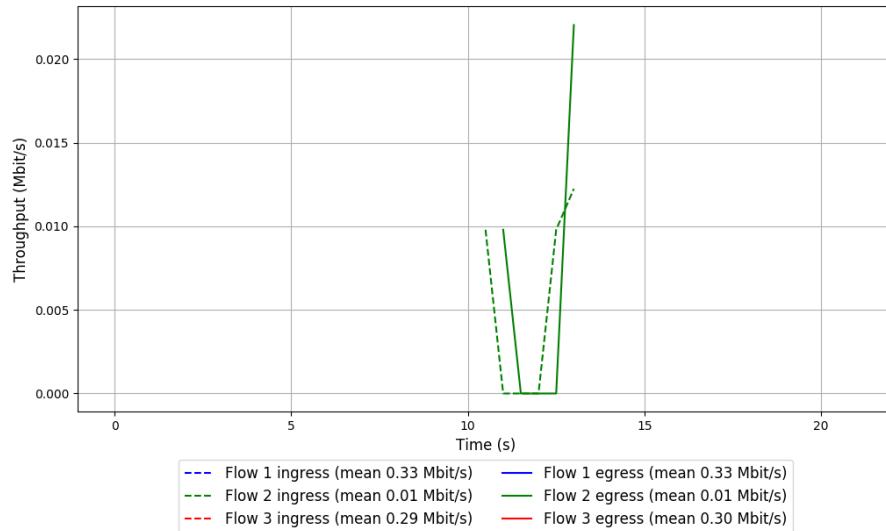
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 06:18:55 +0000
End at: Sat, 29 Jul 2017 06:19:25 +0000
Local clock offset: 0.893 ms
Remote clock offset: -1.275 ms

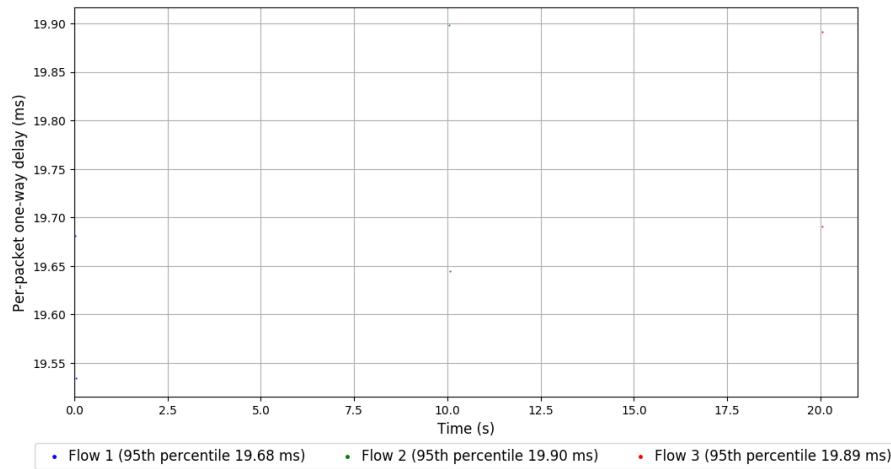
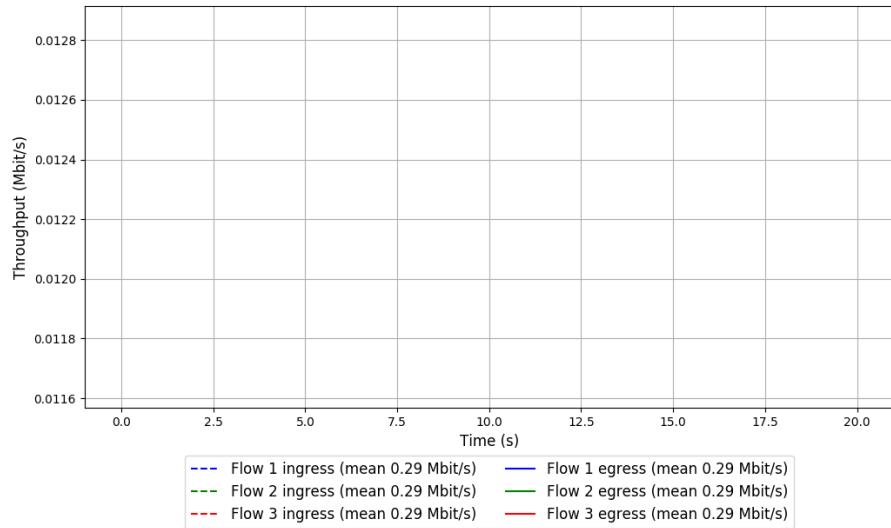
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 06:39:42 +0000
End at: Sat, 29 Jul 2017 06:40:12 +0000
Local clock offset: 0.947 ms
Remote clock offset: -1.142 ms

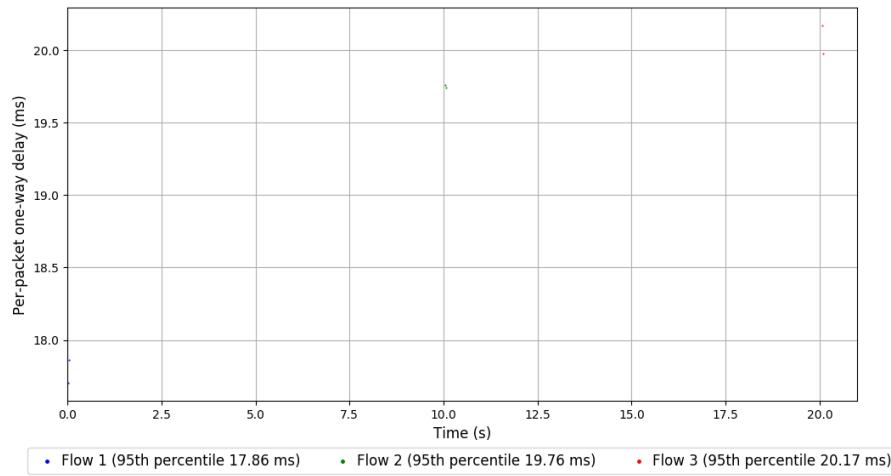
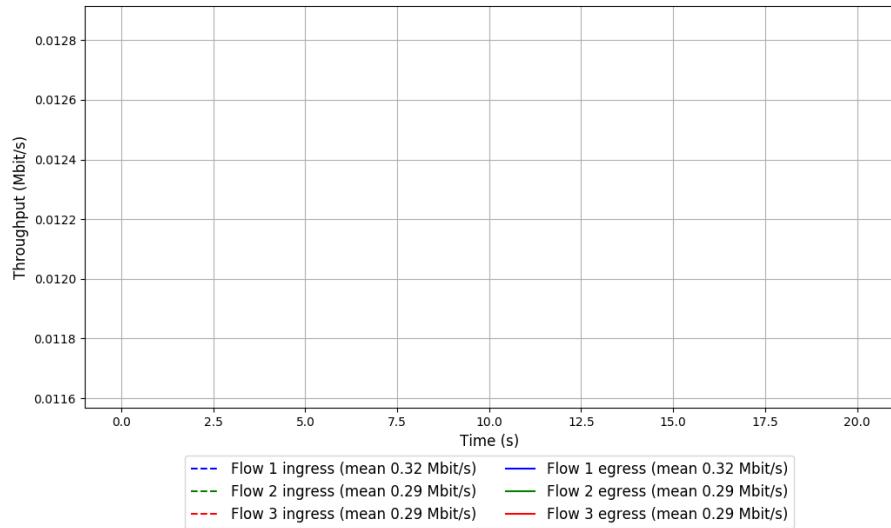
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 07:00:18 +0000
End at: Sat, 29 Jul 2017 07:00:48 +0000
Local clock offset: 0.77 ms
Remote clock offset: -1.166 ms

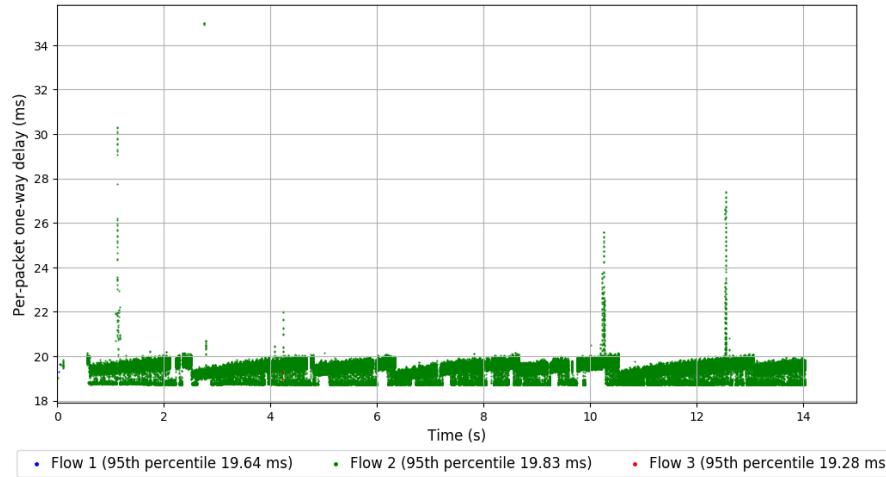
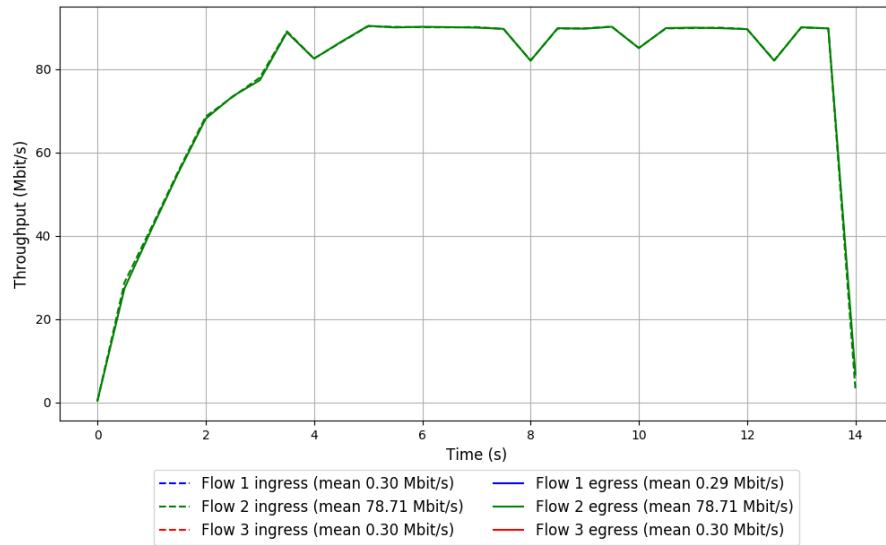
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 07:20:51 +0000
End at: Sat, 29 Jul 2017 07:21:21 +0000
Local clock offset: 0.693 ms
Remote clock offset: -1.204 ms

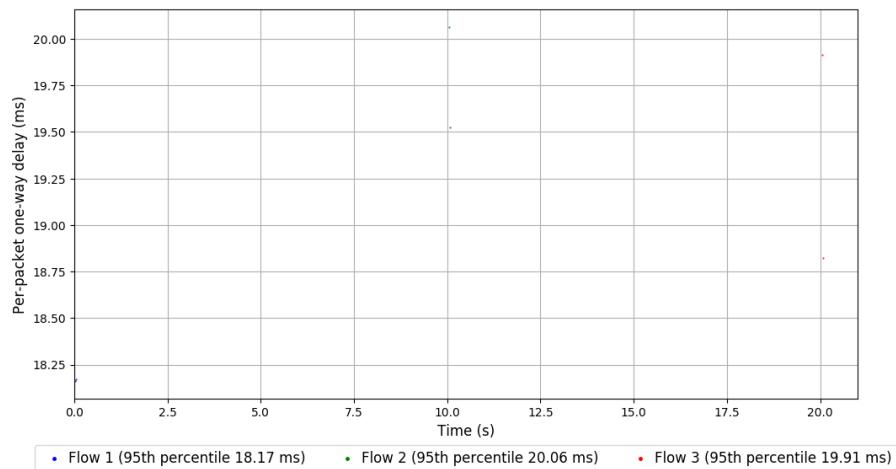
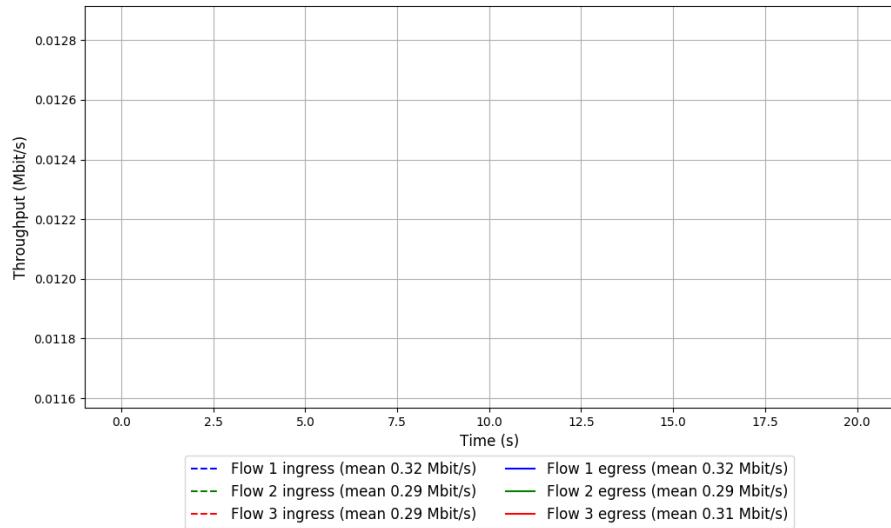
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Sat, 29 Jul 2017 07:41:34 +0000
End at: Sat, 29 Jul 2017 07:42:04 +0000
Local clock offset: 0.663 ms
Remote clock offset: -1.125 ms

Run 10: Report of QUIC Cubic — Data Link

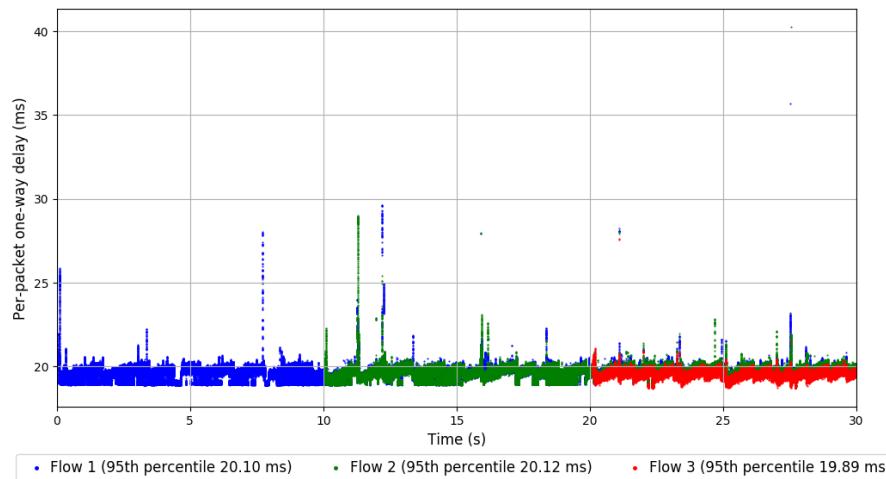
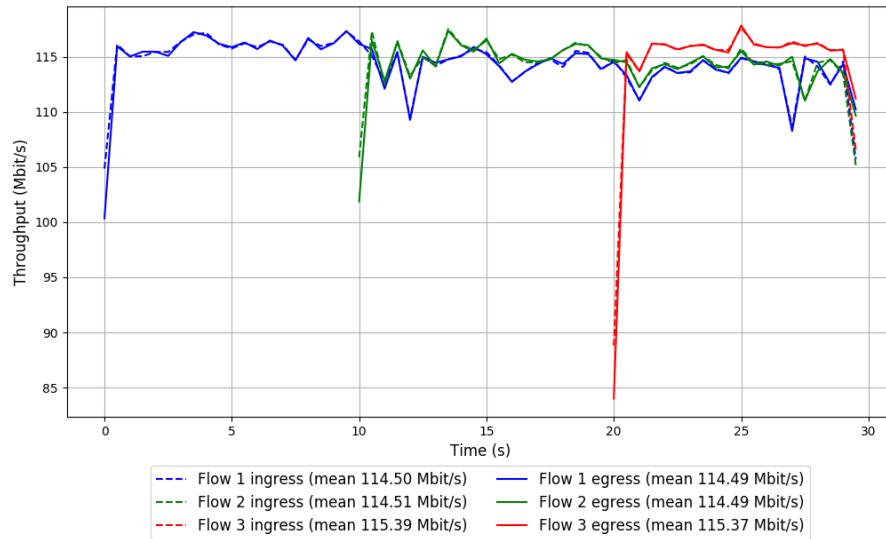


Run 1: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 04:28:49 +0000
End at: Sat, 29 Jul 2017 04:29:19 +0000
Local clock offset: -0.299 ms
Remote clock offset: -2.042 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 228.81 Mbit/s
95th percentile per-packet one-way delay: 20.088 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 114.49 Mbit/s
95th percentile per-packet one-way delay: 20.100 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 114.49 Mbit/s
95th percentile per-packet one-way delay: 20.117 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.37 Mbit/s
95th percentile per-packet one-way delay: 19.895 ms
Loss rate: 0.01%
```

Run 1: Report of Saturator — Data Link

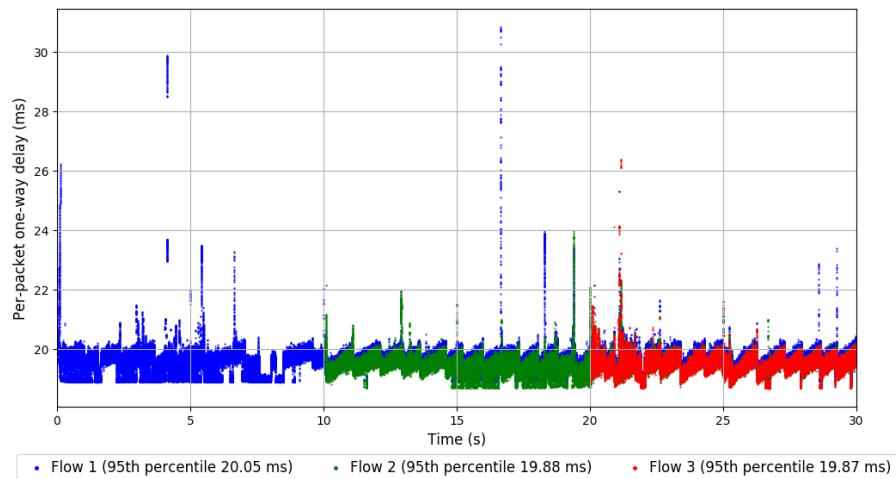
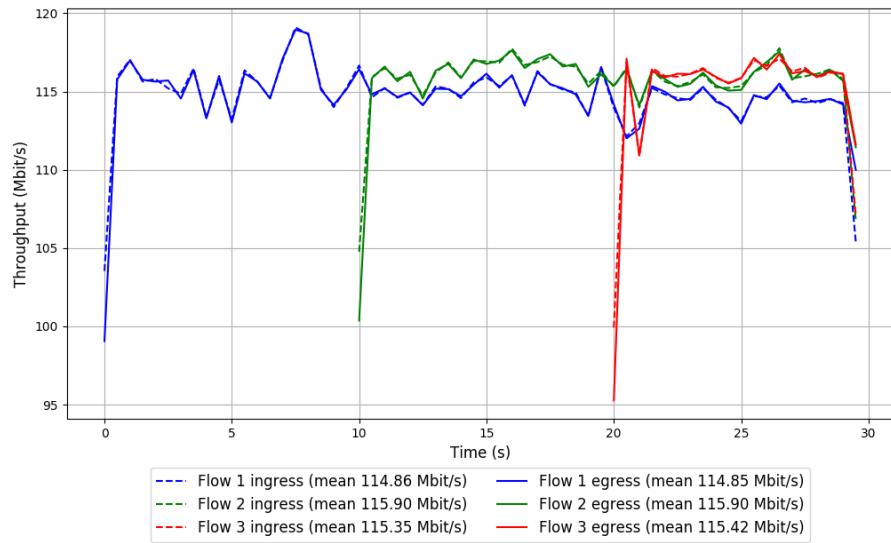


Run 2: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 04:49:40 +0000
End at: Sat, 29 Jul 2017 04:50:10 +0000
Local clock offset: 0.047 ms
Remote clock offset: -2.15 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:43:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 230.32 Mbit/s
95th percentile per-packet one-way delay: 19.990 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 114.85 Mbit/s
95th percentile per-packet one-way delay: 20.045 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 115.90 Mbit/s
95th percentile per-packet one-way delay: 19.875 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.42 Mbit/s
95th percentile per-packet one-way delay: 19.874 ms
Loss rate: 0.00%
```

Run 2: Report of Saturator — Data Link

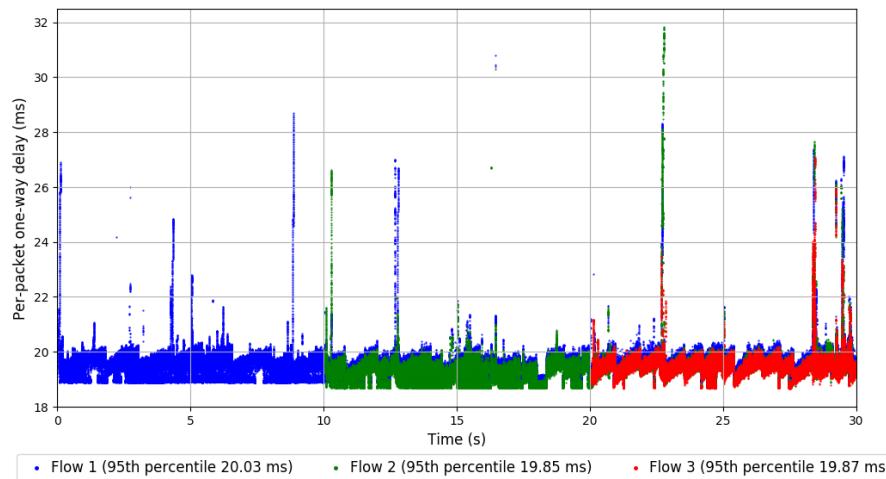
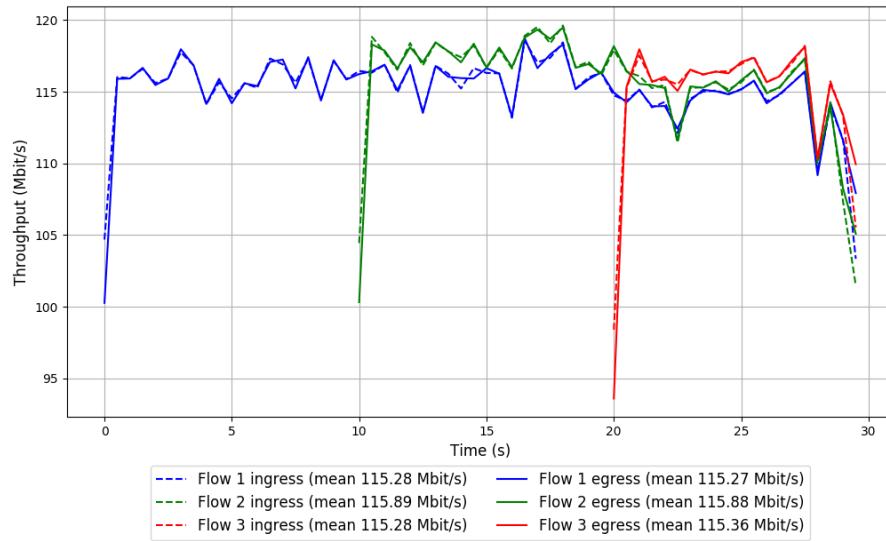


Run 3: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 05:10:24 +0000
End at: Sat, 29 Jul 2017 05:10:54 +0000
Local clock offset: 0.392 ms
Remote clock offset: -1.782 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:44:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 230.66 Mbit/s
95th percentile per-packet one-way delay: 19.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 115.27 Mbit/s
95th percentile per-packet one-way delay: 20.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 115.88 Mbit/s
95th percentile per-packet one-way delay: 19.853 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.36 Mbit/s
95th percentile per-packet one-way delay: 19.873 ms
Loss rate: 0.01%
```

Run 3: Report of Saturator — Data Link

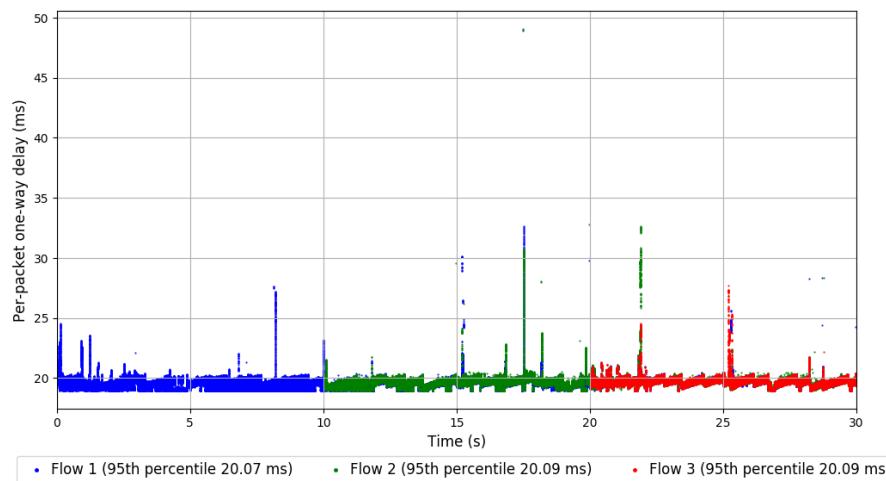
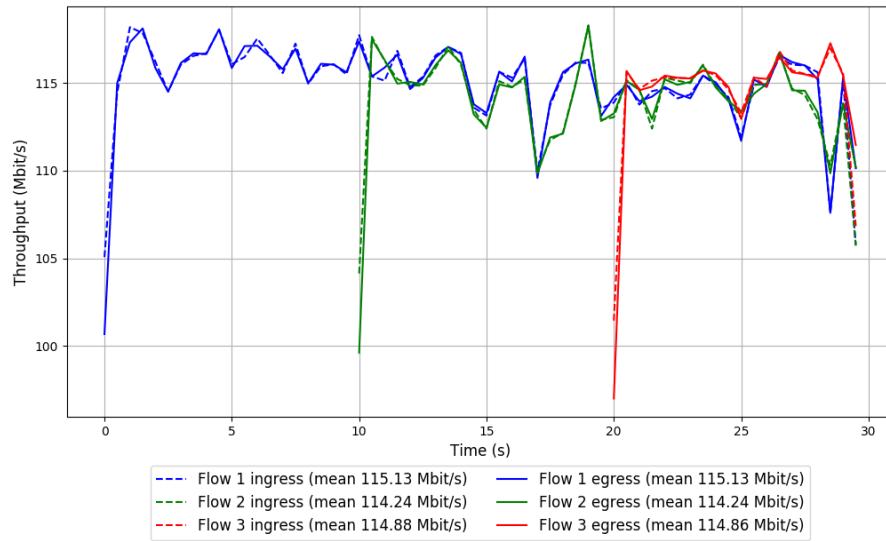


Run 4: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 05:31:12 +0000
End at: Sat, 29 Jul 2017 05:31:42 +0000
Local clock offset: 0.65 ms
Remote clock offset: -1.29 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:44:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 229.34 Mbit/s
95th percentile per-packet one-way delay: 20.078 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 115.13 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 114.24 Mbit/s
95th percentile per-packet one-way delay: 20.089 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 114.86 Mbit/s
95th percentile per-packet one-way delay: 20.086 ms
Loss rate: 0.01%
```

Run 4: Report of Saturator — Data Link

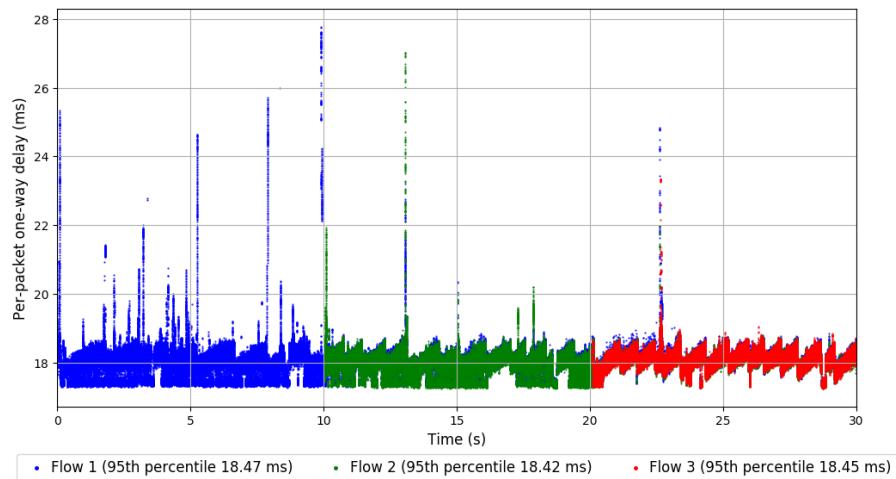
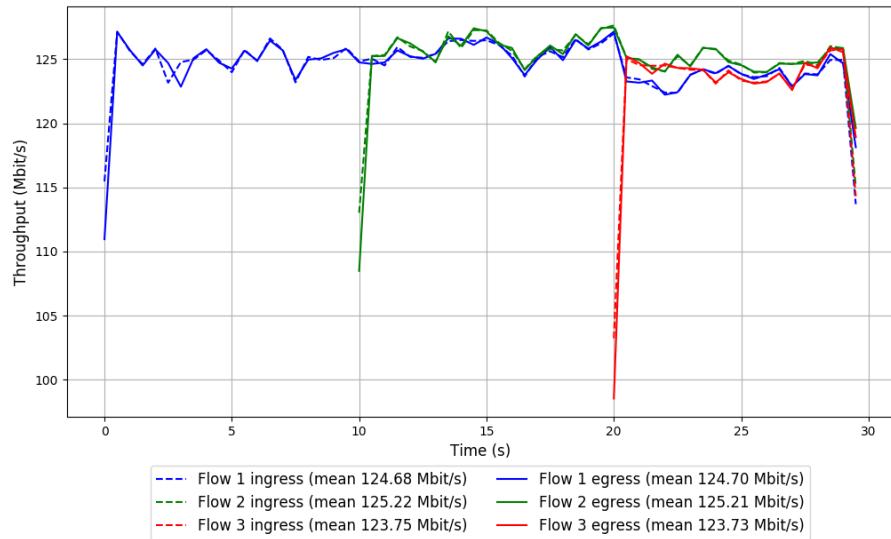


Run 5: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 05:51:57 +0000
End at: Sat, 29 Jul 2017 05:52:27 +0000
Local clock offset: 0.919 ms
Remote clock offset: -1.167 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:44:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 249.02 Mbit/s
95th percentile per-packet one-way delay: 18.448 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 124.70 Mbit/s
95th percentile per-packet one-way delay: 18.467 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 125.21 Mbit/s
95th percentile per-packet one-way delay: 18.418 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 123.73 Mbit/s
95th percentile per-packet one-way delay: 18.448 ms
Loss rate: 0.01%
```

Run 5: Report of Saturator — Data Link

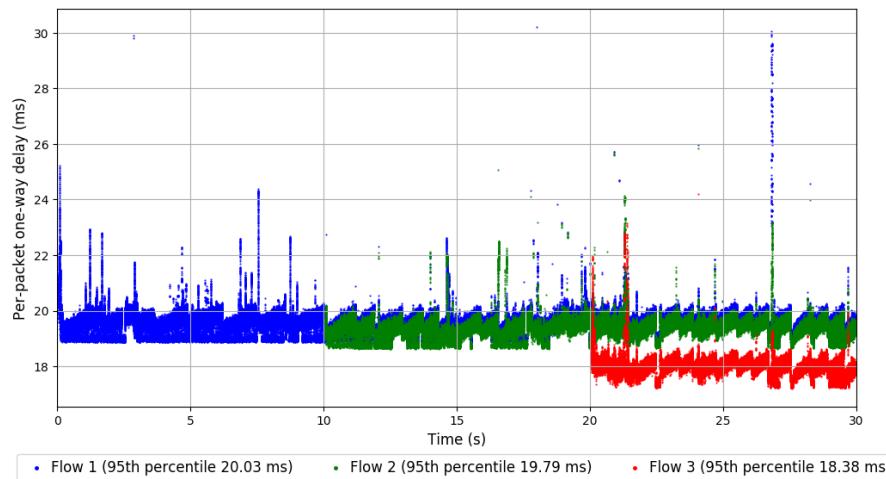
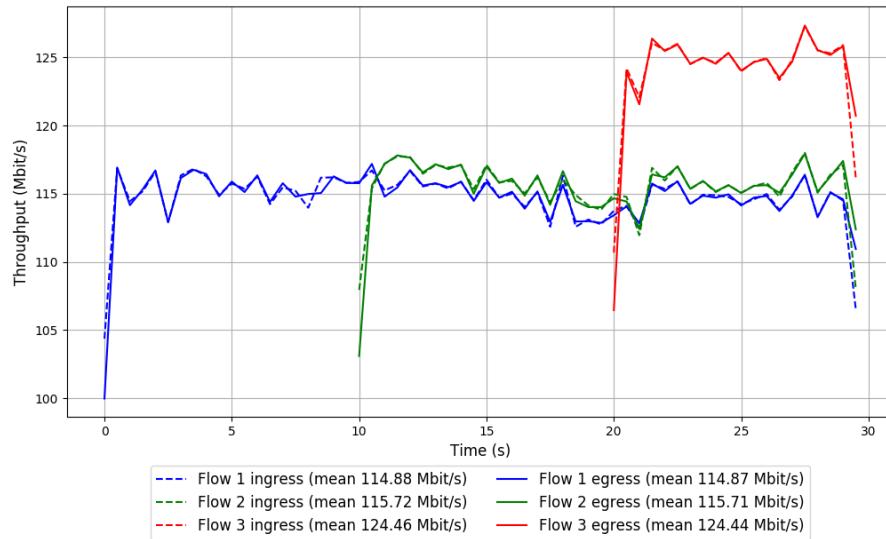


Run 6: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 06:12:43 +0000
End at: Sat, 29 Jul 2017 06:13:13 +0000
Local clock offset: 1.026 ms
Remote clock offset: -1.224 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:44:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 233.26 Mbit/s
95th percentile per-packet one-way delay: 19.949 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 114.87 Mbit/s
95th percentile per-packet one-way delay: 20.028 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 115.71 Mbit/s
95th percentile per-packet one-way delay: 19.791 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 124.44 Mbit/s
95th percentile per-packet one-way delay: 18.376 ms
Loss rate: 0.01%
```

Run 6: Report of Saturator — Data Link

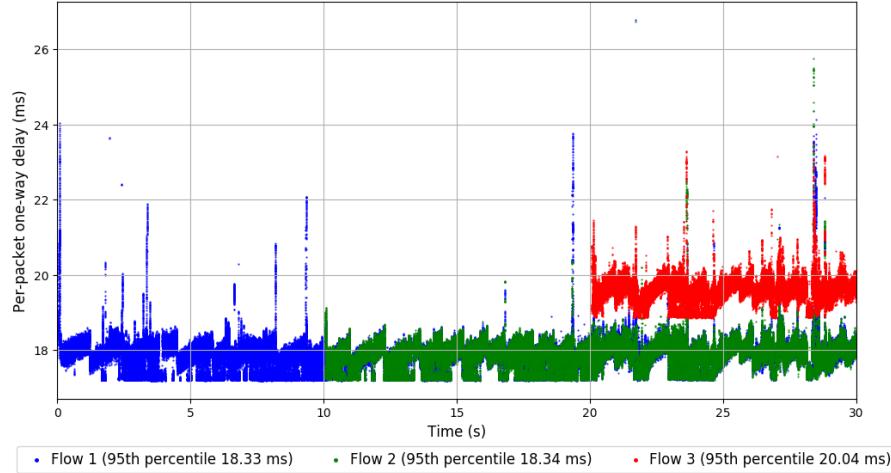
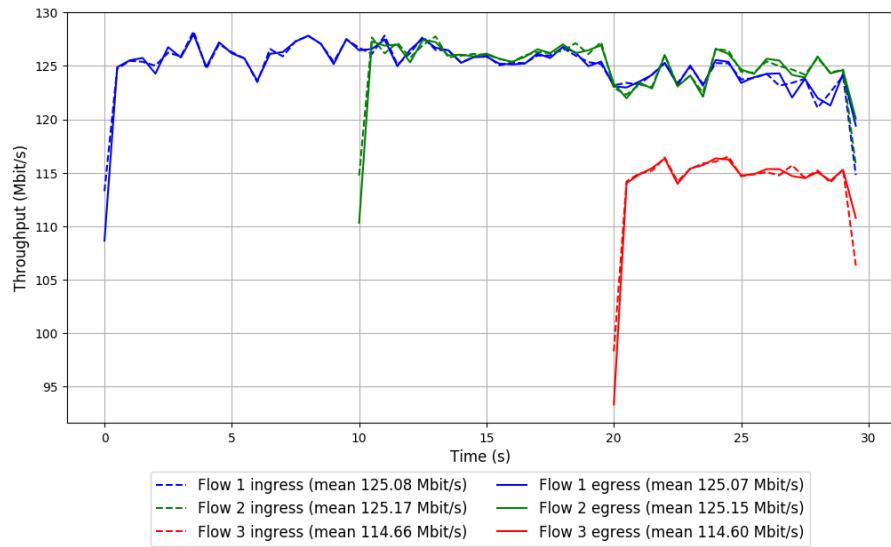


Run 7: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 06:33:34 +0000
End at: Sat, 29 Jul 2017 06:34:04 +0000
Local clock offset: 0.979 ms
Remote clock offset: -1.16 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 246.40 Mbit/s
95th percentile per-packet one-way delay: 19.739 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 125.07 Mbit/s
95th percentile per-packet one-way delay: 18.333 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 125.15 Mbit/s
95th percentile per-packet one-way delay: 18.338 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 114.60 Mbit/s
95th percentile per-packet one-way delay: 20.041 ms
Loss rate: 0.05%
```

Run 7: Report of Saturator — Data Link

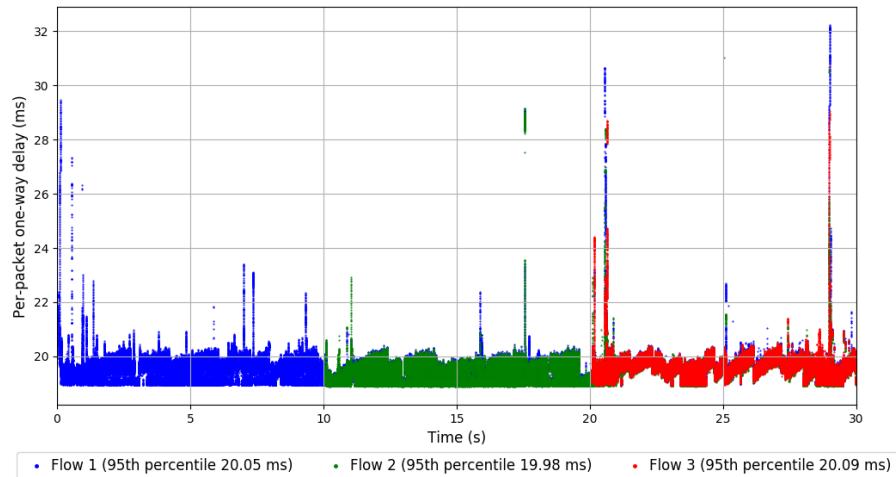
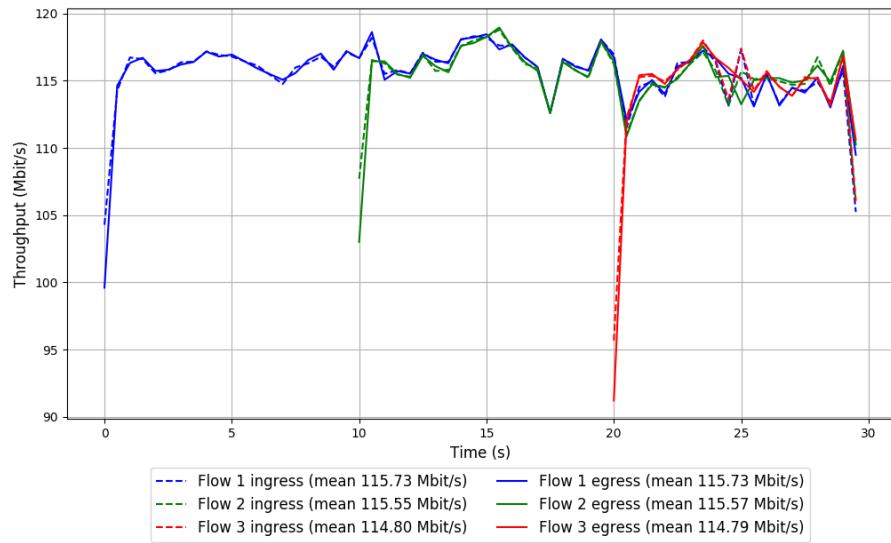


Run 8: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 06:54:12 +0000
End at: Sat, 29 Jul 2017 06:54:42 +0000
Local clock offset: 0.8 ms
Remote clock offset: -1.245 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 230.69 Mbit/s
95th percentile per-packet one-way delay: 20.036 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 115.73 Mbit/s
95th percentile per-packet one-way delay: 20.047 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 115.57 Mbit/s
95th percentile per-packet one-way delay: 19.983 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 114.79 Mbit/s
95th percentile per-packet one-way delay: 20.092 ms
Loss rate: 0.01%
```

Run 8: Report of Saturator — Data Link

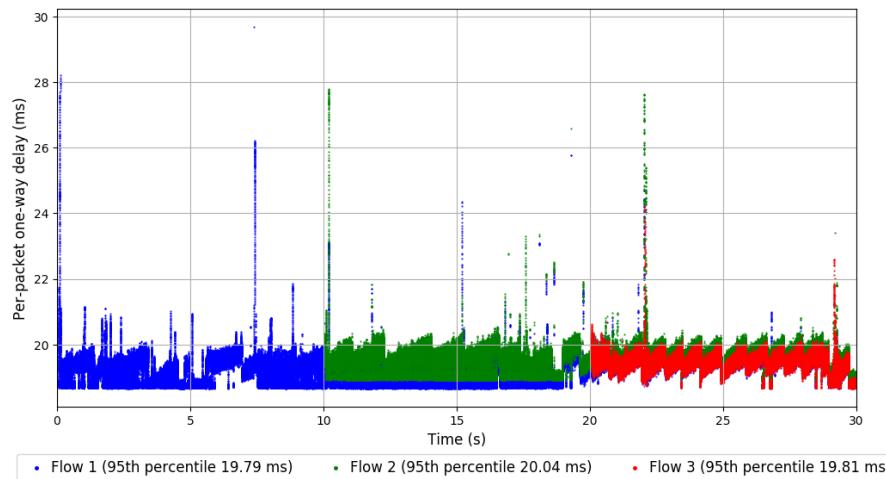
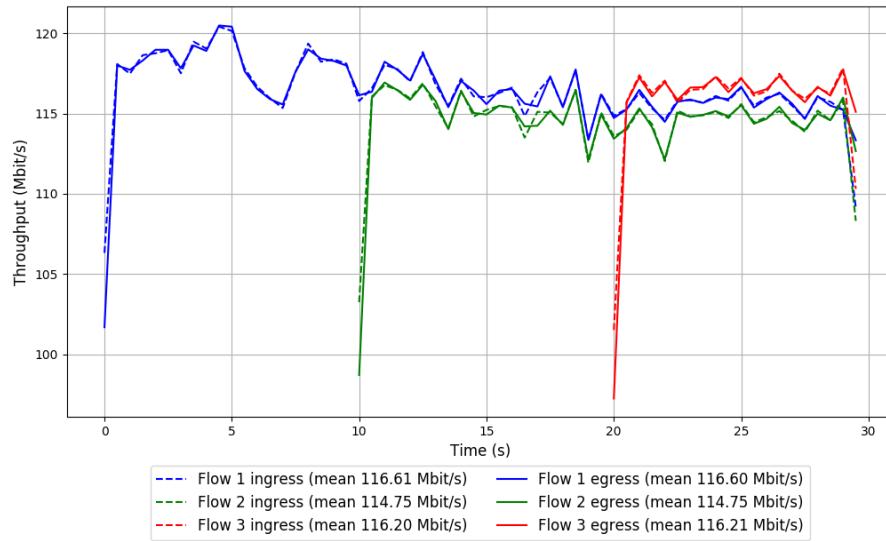


Run 9: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 07:14:44 +0000
End at: Sat, 29 Jul 2017 07:15:14 +0000
Local clock offset: 0.804 ms
Remote clock offset: -1.076 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 231.59 Mbit/s
95th percentile per-packet one-way delay: 19.936 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 116.60 Mbit/s
95th percentile per-packet one-way delay: 19.793 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 114.75 Mbit/s
95th percentile per-packet one-way delay: 20.043 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 116.21 Mbit/s
95th percentile per-packet one-way delay: 19.812 ms
Loss rate: 0.01%
```

Run 9: Report of Saturator — Data Link

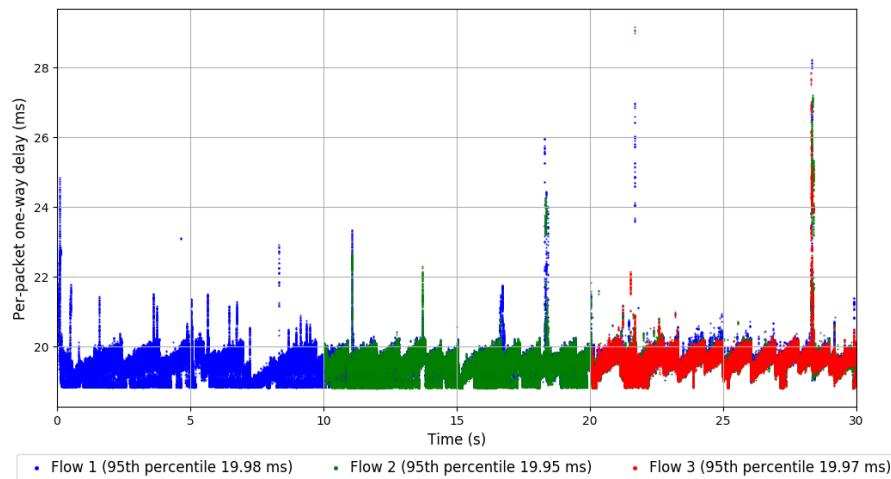
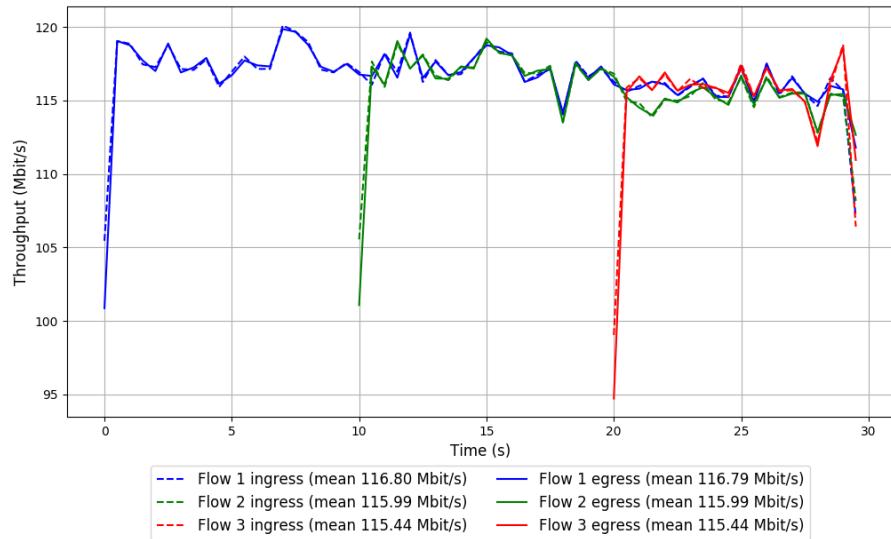


Run 10: Statistics of Saturator

```
Start at: Sat, 29 Jul 2017 07:35:24 +0000
End at: Sat, 29 Jul 2017 07:35:54 +0000
Local clock offset: 0.657 ms
Remote clock offset: -1.288 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 232.30 Mbit/s
95th percentile per-packet one-way delay: 19.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.79 Mbit/s
95th percentile per-packet one-way delay: 19.980 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 115.99 Mbit/s
95th percentile per-packet one-way delay: 19.950 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.44 Mbit/s
95th percentile per-packet one-way delay: 19.974 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

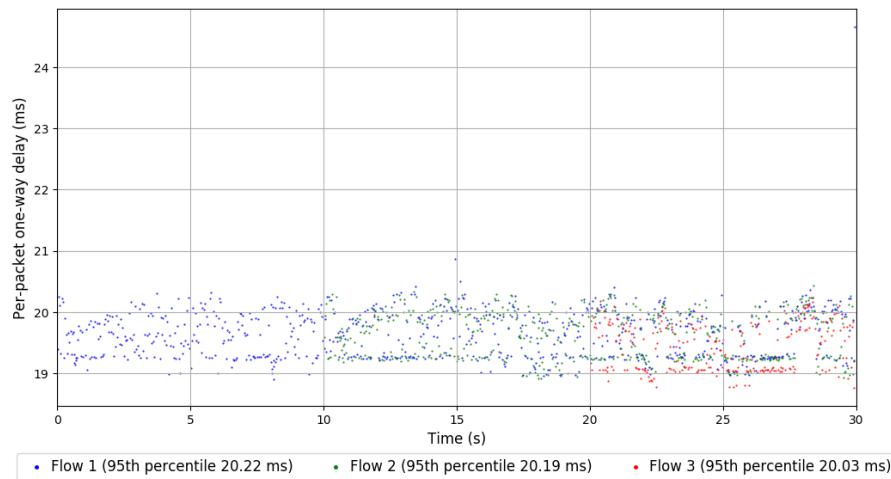
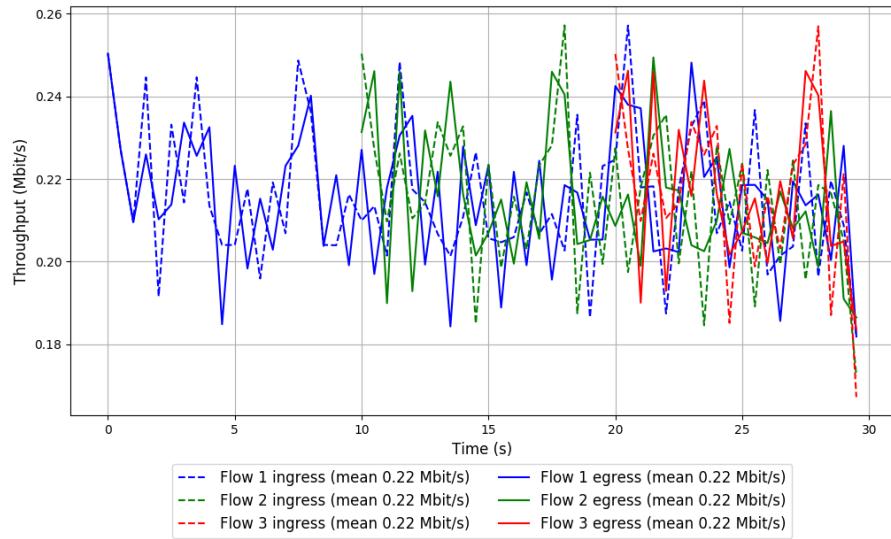


Run 1: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 04:37:27 +0000
End at: Sat, 29 Jul 2017 04:37:57 +0000
Local clock offset: -0.126 ms
Remote clock offset: -2.137 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.194 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.030 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

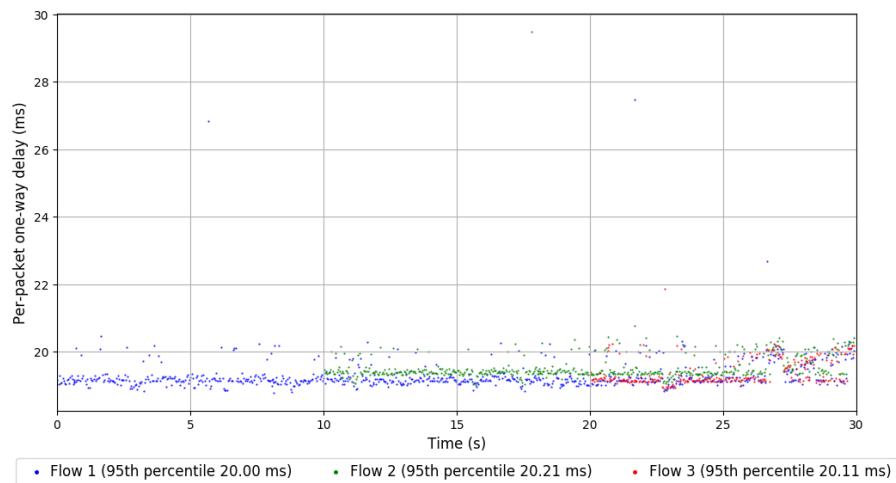
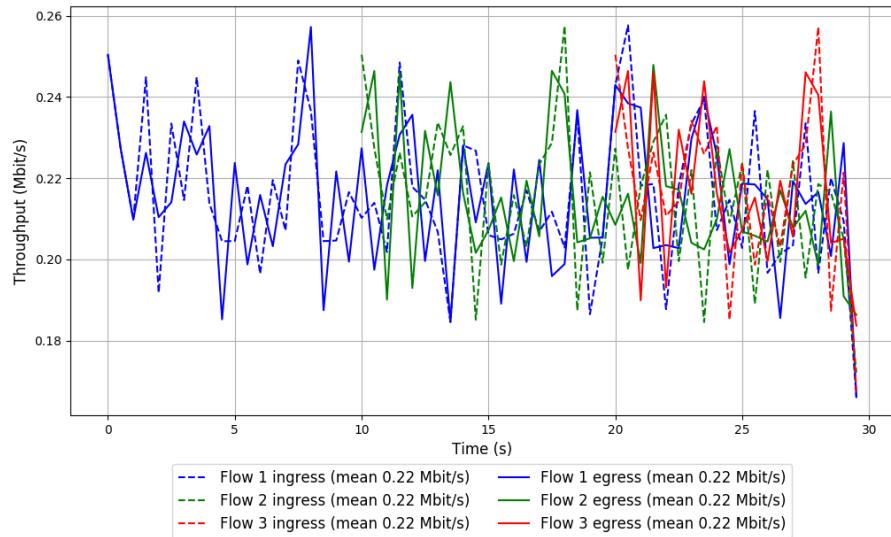


Run 2: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 04:58:14 +0000
End at: Sat, 29 Jul 2017 04:58:44 +0000
Local clock offset: 0.101 ms
Remote clock offset: -2.05 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.002 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.108 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

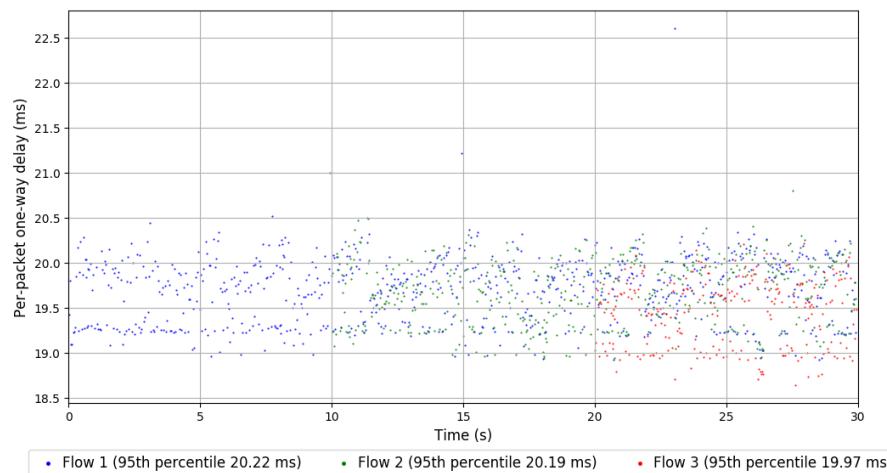
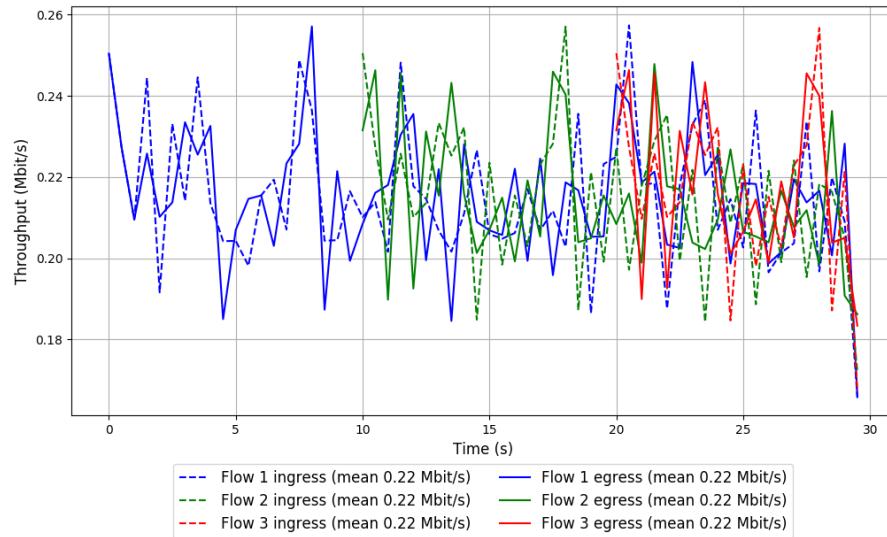


Run 3: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 05:19:02 +0000
End at: Sat, 29 Jul 2017 05:19:32 +0000
Local clock offset: 0.501 ms
Remote clock offset: -1.681 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.966 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

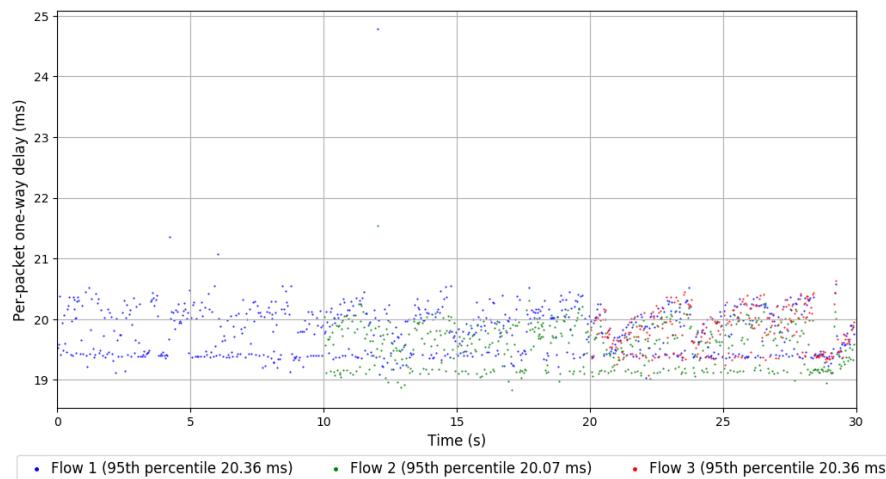
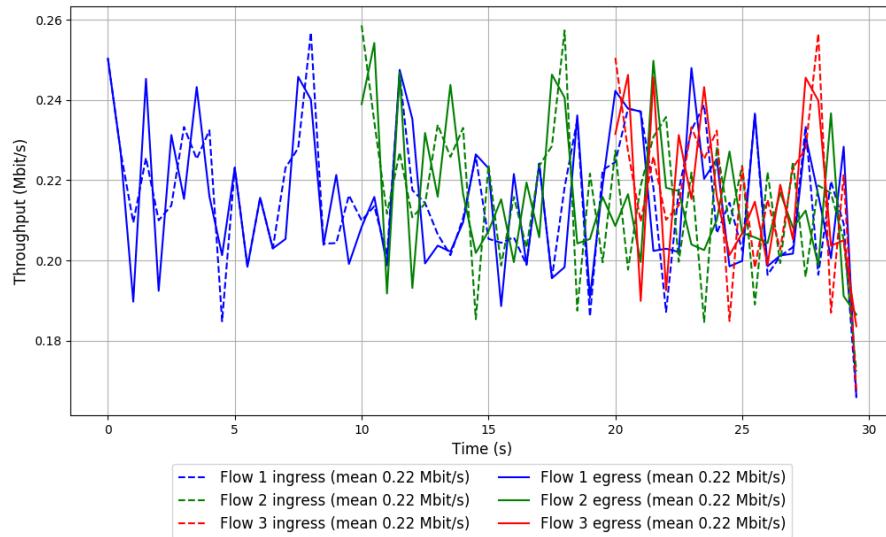


Run 4: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 05:39:45 +0000
End at: Sat, 29 Jul 2017 05:40:15 +0000
Local clock offset: 0.746 ms
Remote clock offset: -1.18 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.362 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

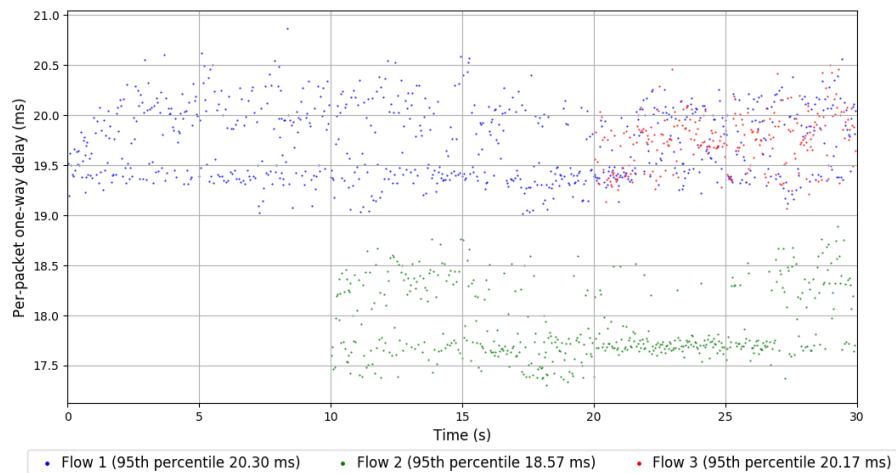
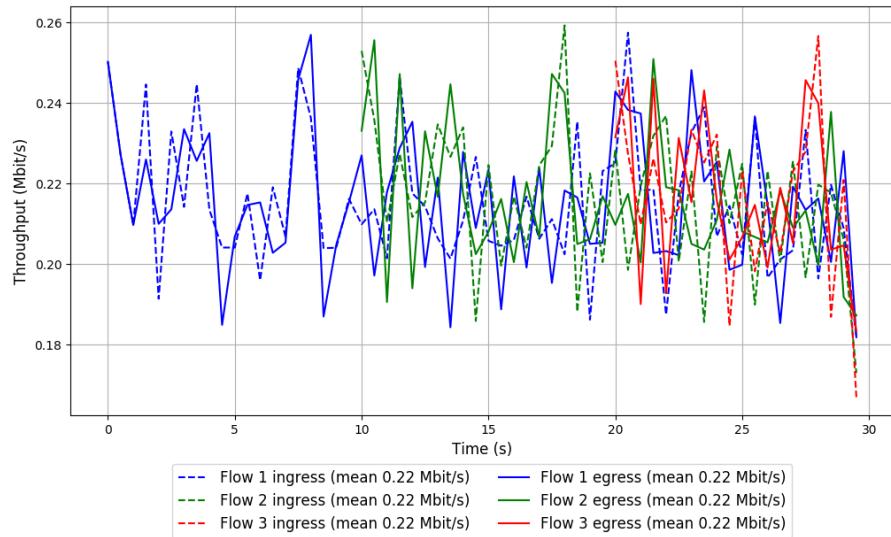


Run 5: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 06:00:33 +0000
End at: Sat, 29 Jul 2017 06:01:03 +0000
Local clock offset: 0.998 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.295 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.167 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

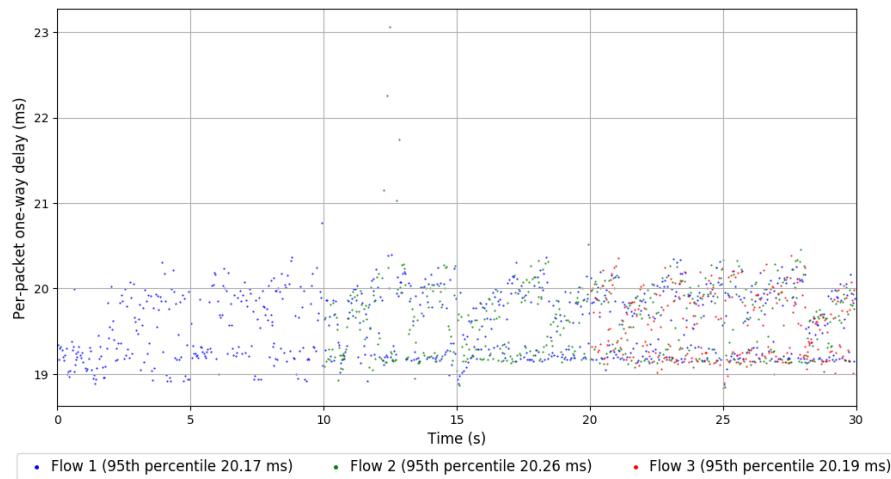
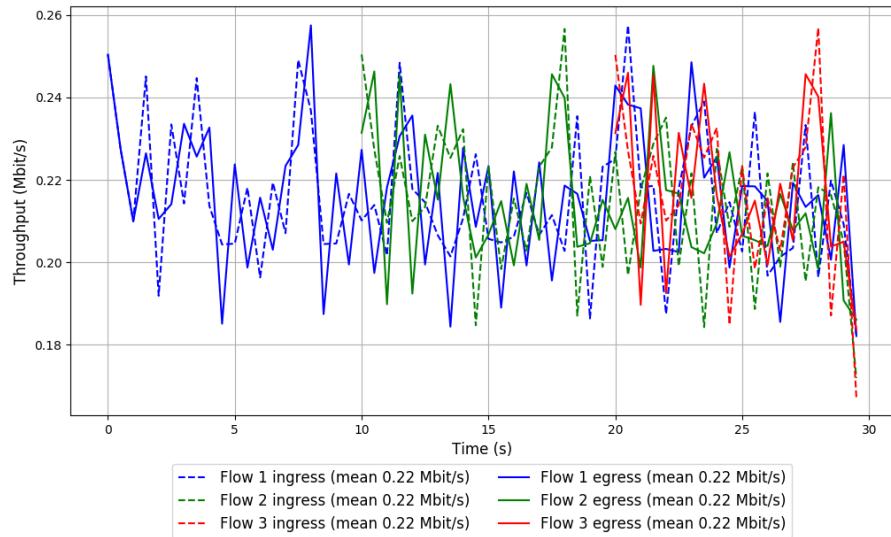


Run 6: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 06:21:18 +0000
End at: Sat, 29 Jul 2017 06:21:48 +0000
Local clock offset: 1.011 ms
Remote clock offset: -1.301 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.170 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.258 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.191 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

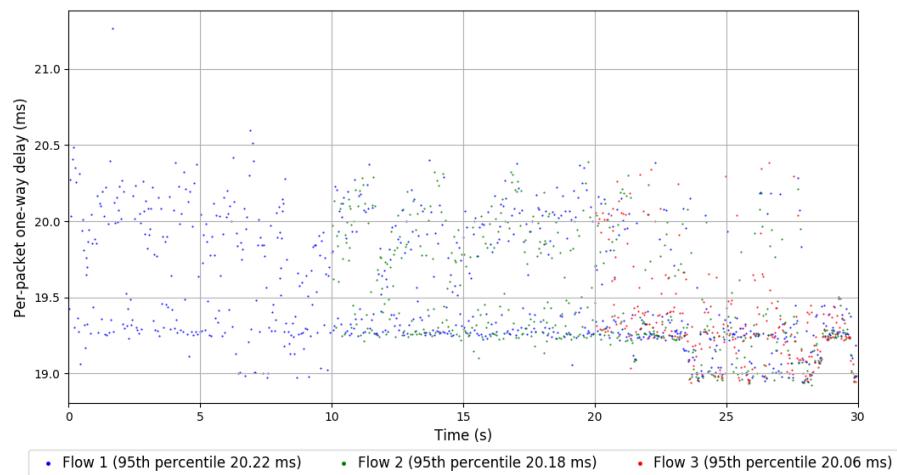
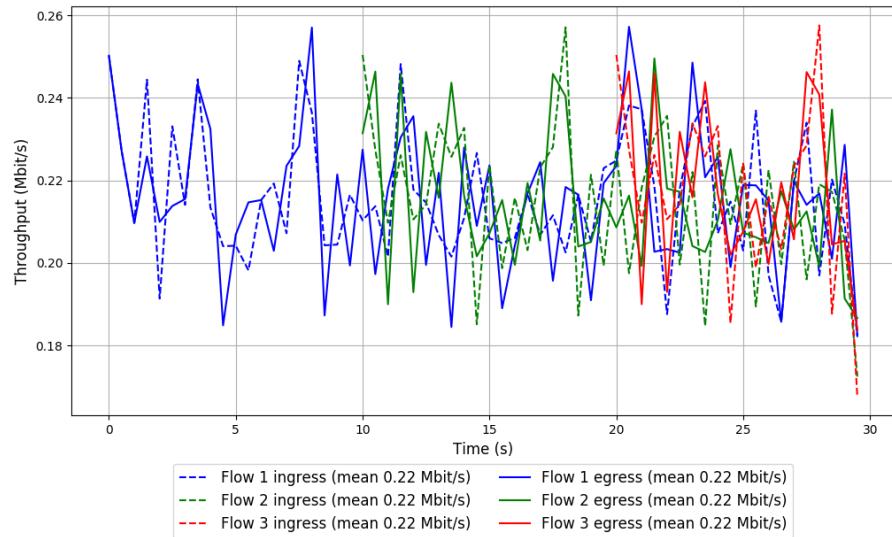


Run 7: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 06:42:05 +0000
End at: Sat, 29 Jul 2017 06:42:35 +0000
Local clock offset: 0.938 ms
Remote clock offset: -1.216 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.220 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.056 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

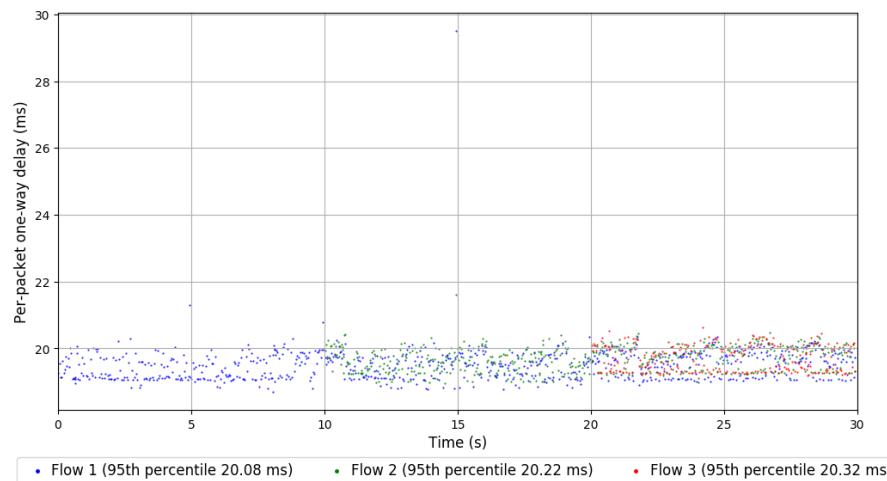
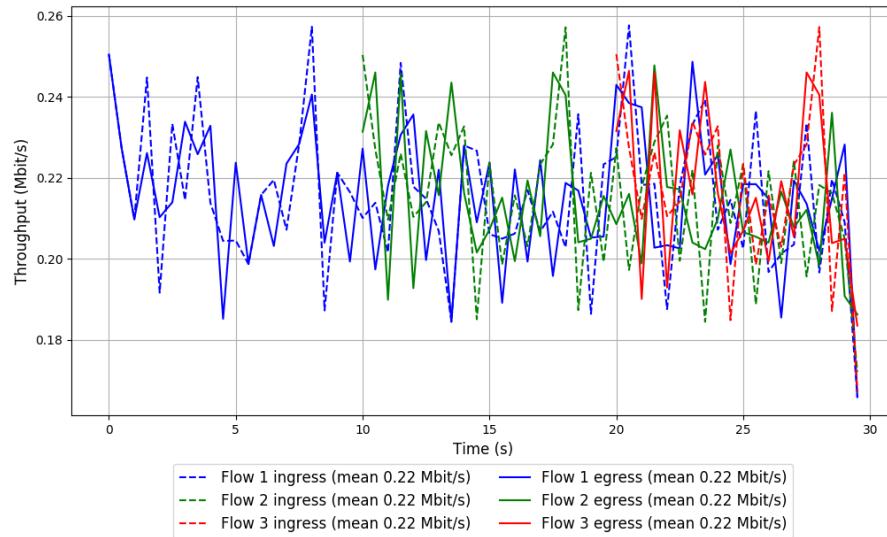


Run 8: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 07:02:41 +0000
End at: Sat, 29 Jul 2017 07:03:11 +0000
Local clock offset: 0.771 ms
Remote clock offset: -1.162 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.076 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.217 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.318 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

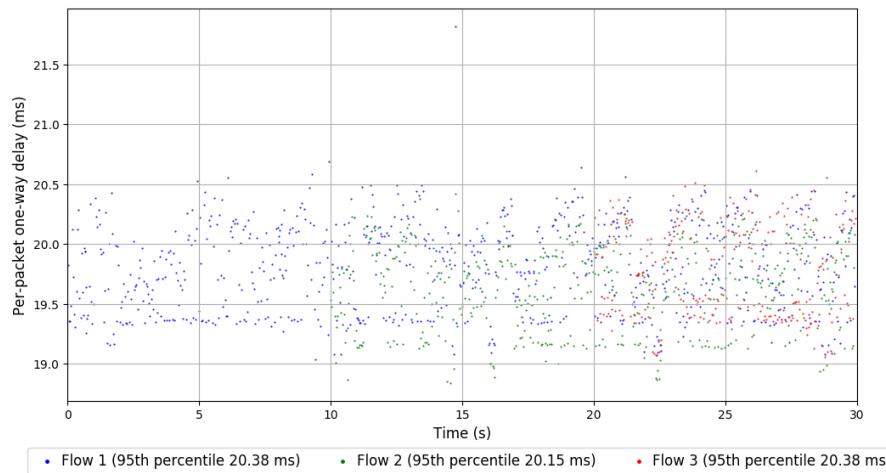
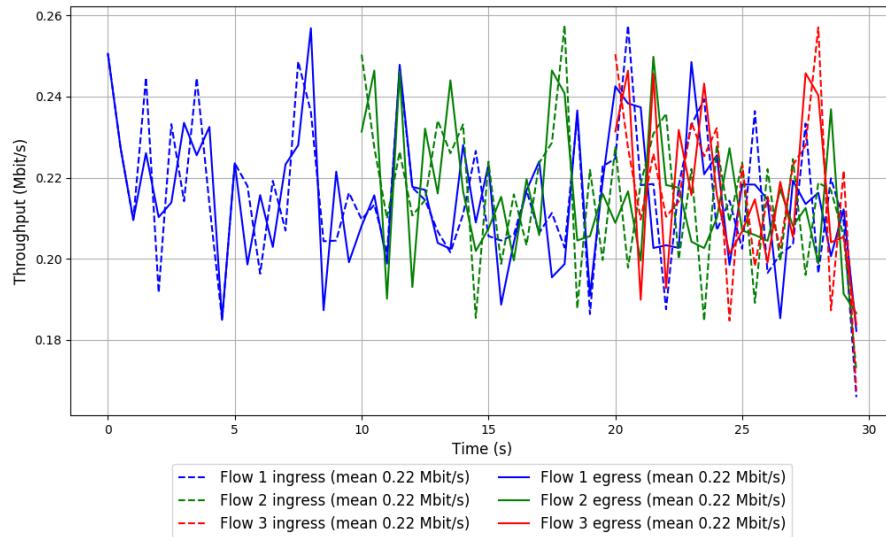


Run 9: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 07:23:16 +0000
End at: Sat, 29 Jul 2017 07:23:46 +0000
Local clock offset: 0.686 ms
Remote clock offset: -1.167 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.378 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.151 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

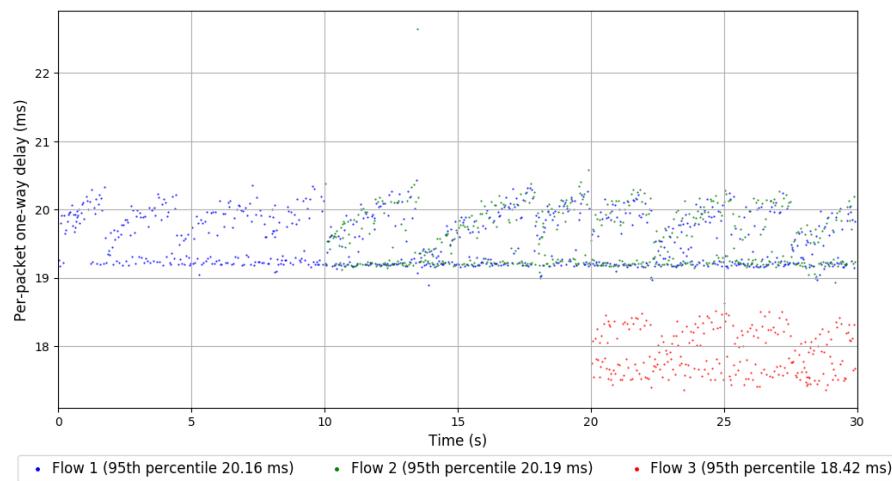
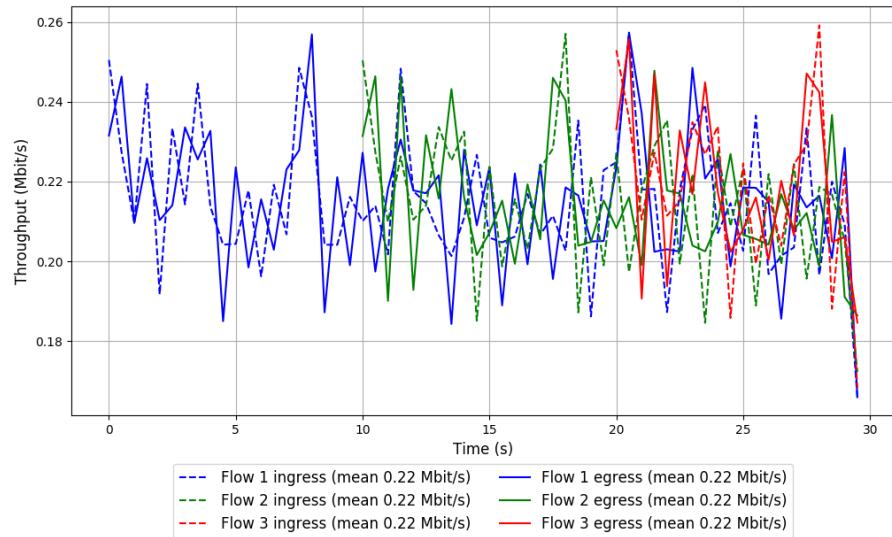


Run 10: Statistics of SCReAM

```
Start at: Sat, 29 Jul 2017 07:43:58 +0000
End at: Sat, 29 Jul 2017 07:44:28 +0000
Local clock offset: 0.765 ms
Remote clock offset: -1.178 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 20.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.155 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.188 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.421 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

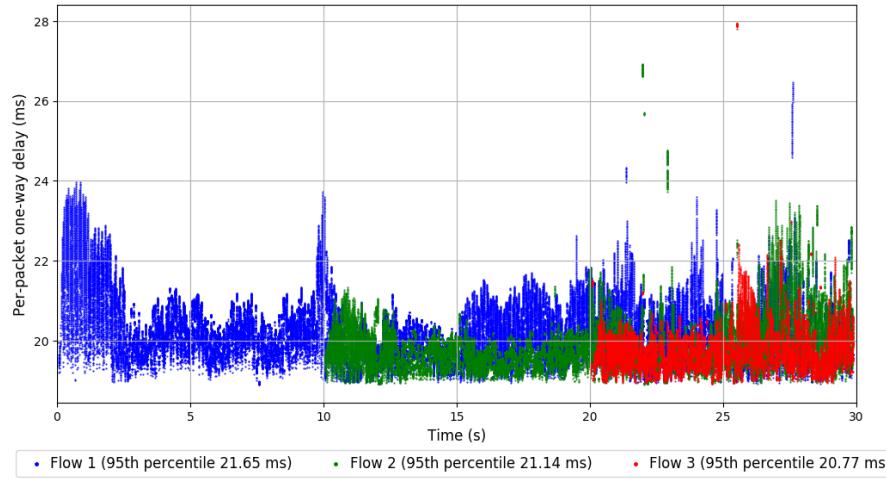
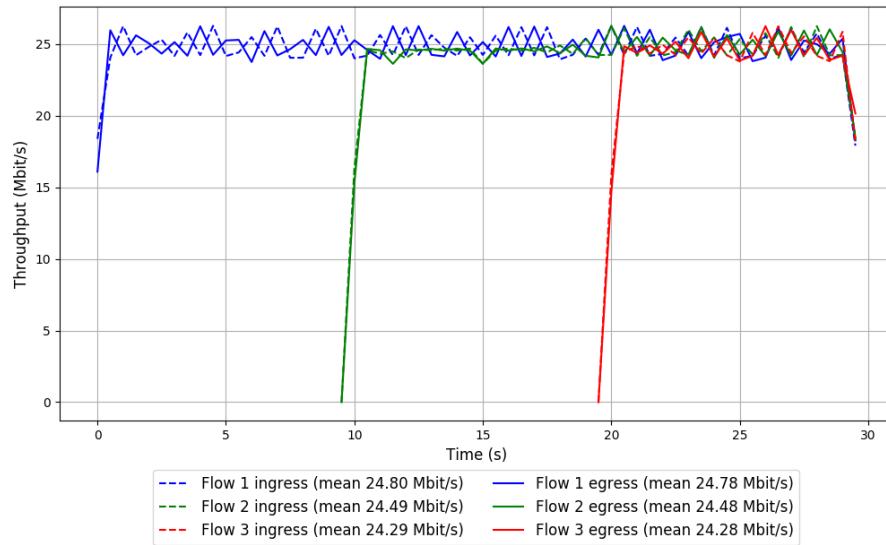


Run 1: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 04:36:15 +0000
End at: Sat, 29 Jul 2017 04:36:45 +0000
Local clock offset: -0.147 ms
Remote clock offset: -2.138 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 21.398 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 21.647 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 21.143 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 20.765 ms
Loss rate: 0.01%
```

Run 1: Report of Sprout — Data Link

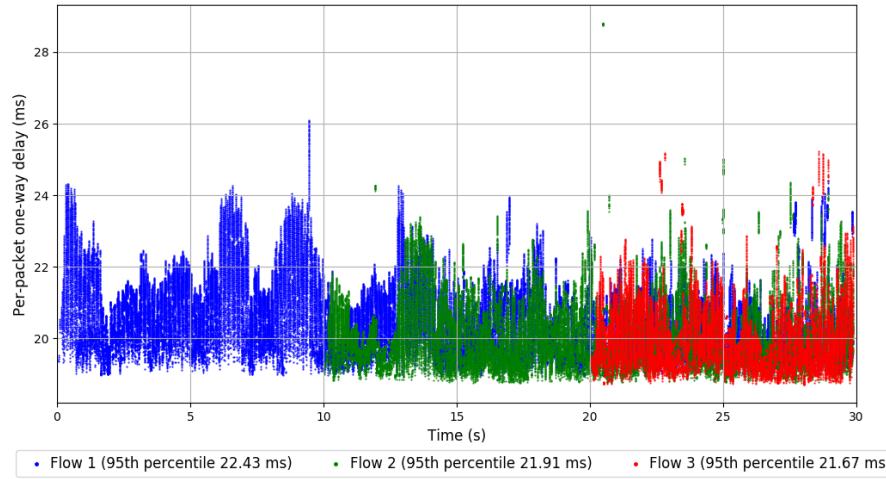
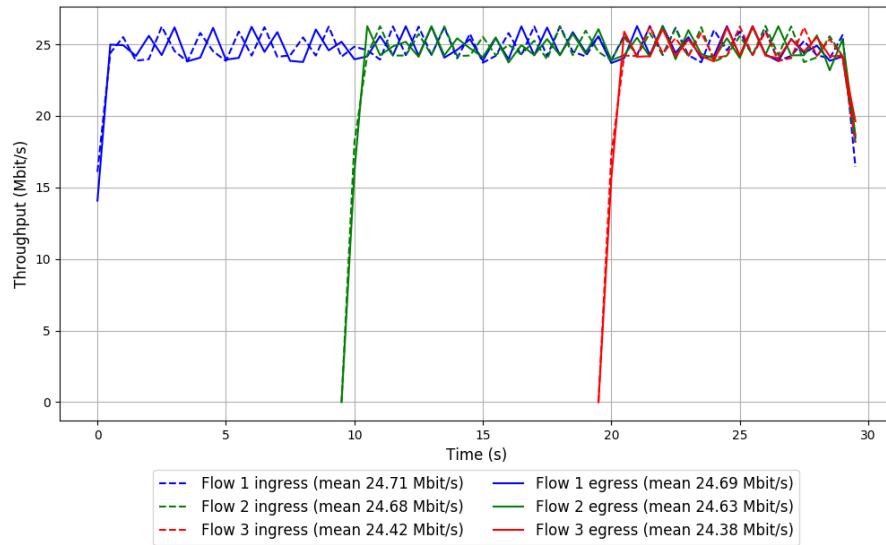


Run 2: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 04:57:02 +0000
End at: Sat, 29 Jul 2017 04:57:32 +0000
Local clock offset: 0.104 ms
Remote clock offset: -2.148 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:45:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 22.166 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 22.433 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 21.913 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.671 ms
Loss rate: 0.13%
```

Run 2: Report of Sprout — Data Link

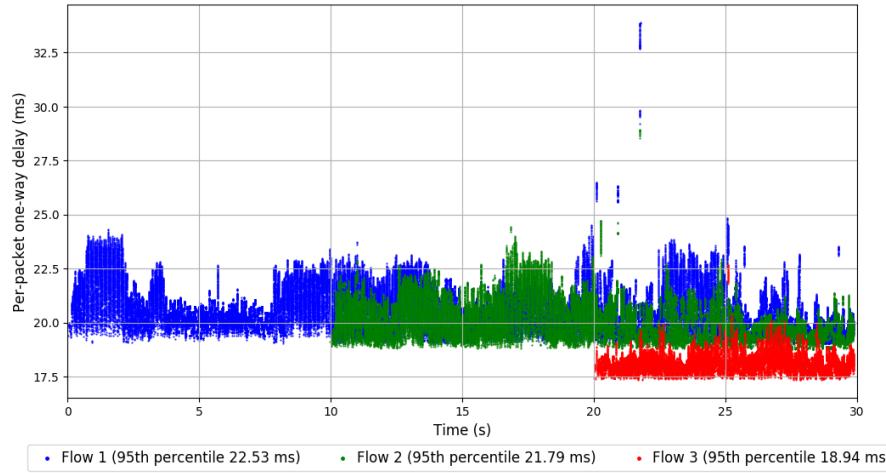
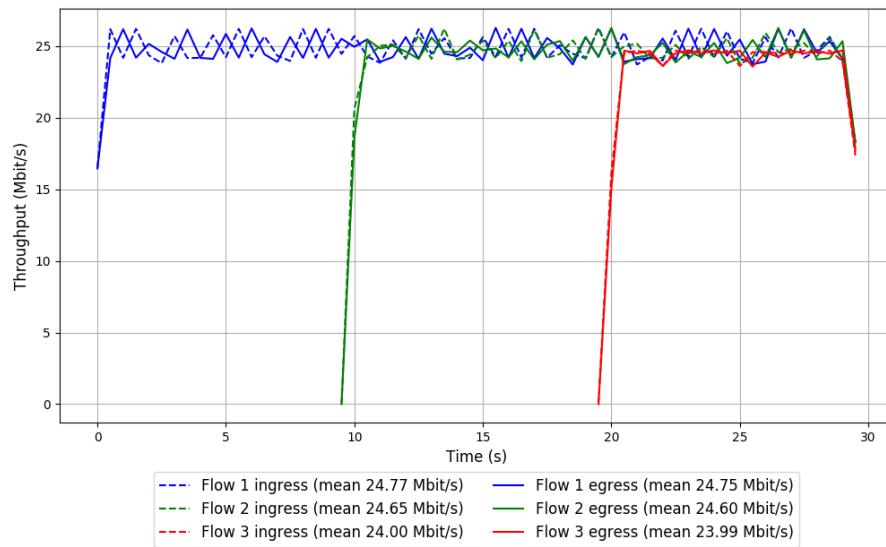


Run 3: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 05:17:50 +0000
End at: Sat, 29 Jul 2017 05:18:20 +0000
Local clock offset: 0.437 ms
Remote clock offset: -1.637 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 22.207 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 22.526 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 21.790 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 18.942 ms
Loss rate: 0.05%
```

Run 3: Report of Sprout — Data Link

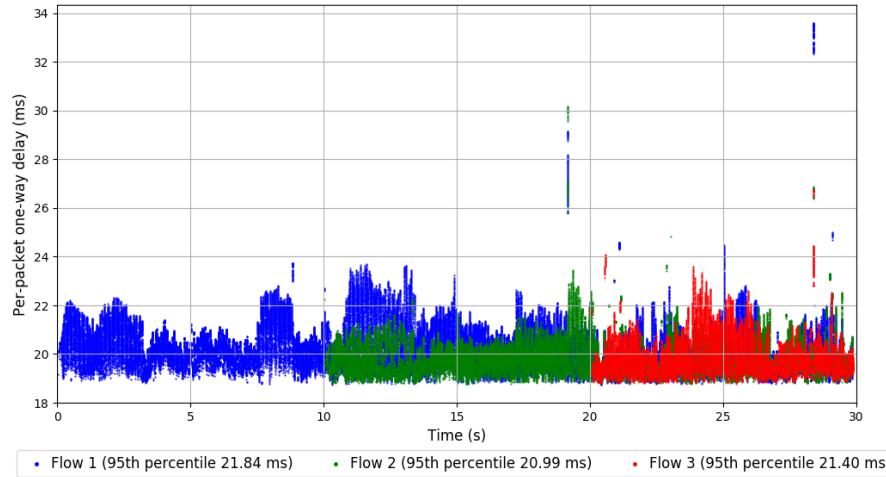
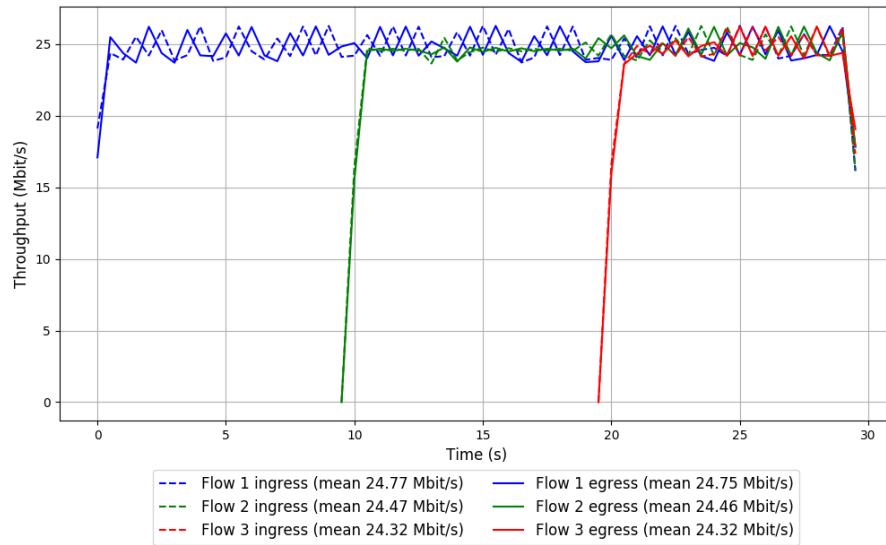


Run 4: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 05:38:32 +0000
End at: Sat, 29 Jul 2017 05:39:02 +0000
Local clock offset: 0.745 ms
Remote clock offset: -1.158 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 21.585 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 21.837 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 20.986 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 21.396 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

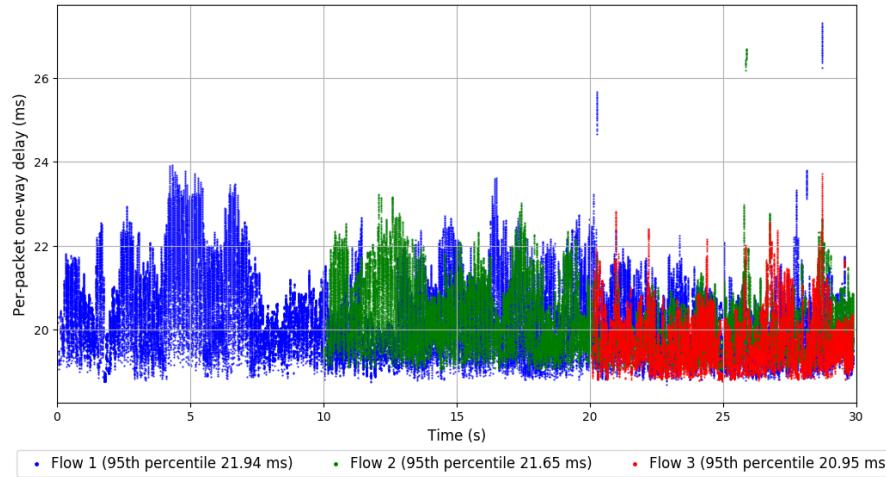
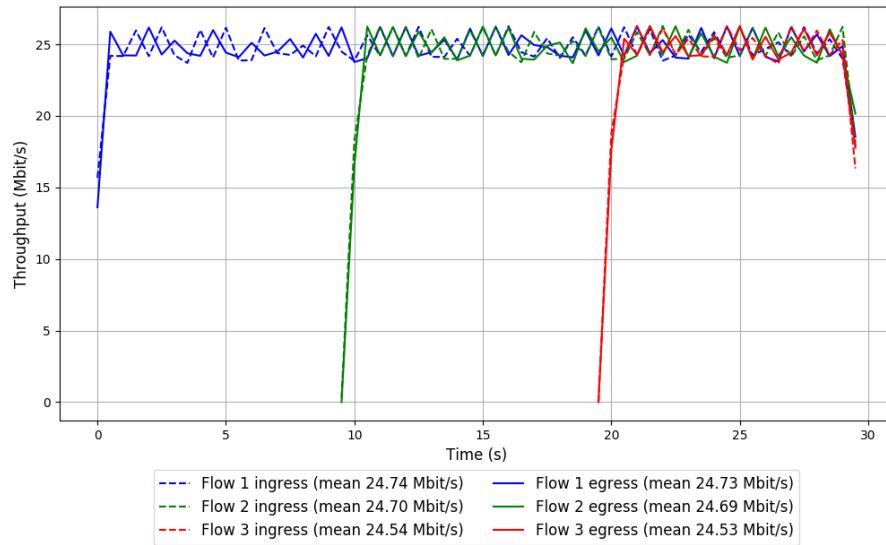


Run 5: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 05:59:20 +0000
End at: Sat, 29 Jul 2017 05:59:50 +0000
Local clock offset: 0.995 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.28 Mbit/s
95th percentile per-packet one-way delay: 21.738 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 21.941 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.648 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 20.947 ms
Loss rate: 0.06%
```

Run 5: Report of Sprout — Data Link

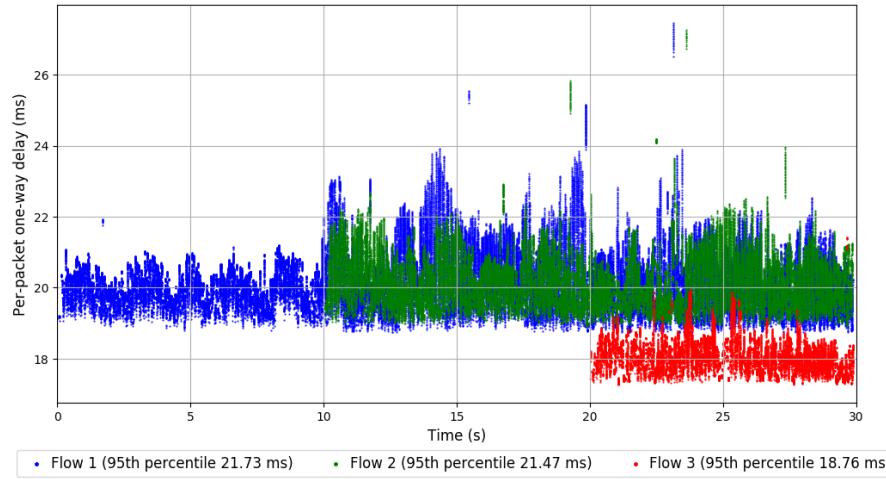
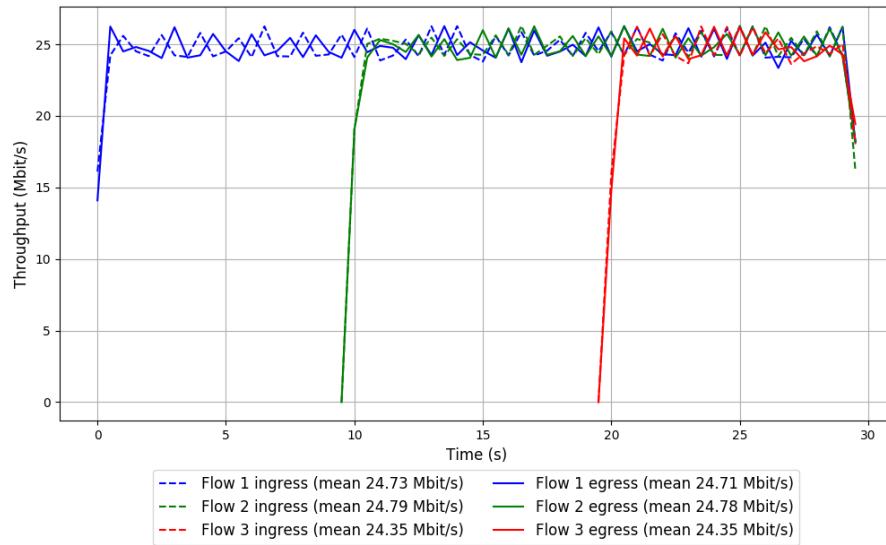


Run 6: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 06:20:05 +0000
End at: Sat, 29 Jul 2017 06:20:35 +0000
Local clock offset: 0.99 ms
Remote clock offset: -1.211 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.23 Mbit/s
95th percentile per-packet one-way delay: 21.512 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.731 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 21.466 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 18.764 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

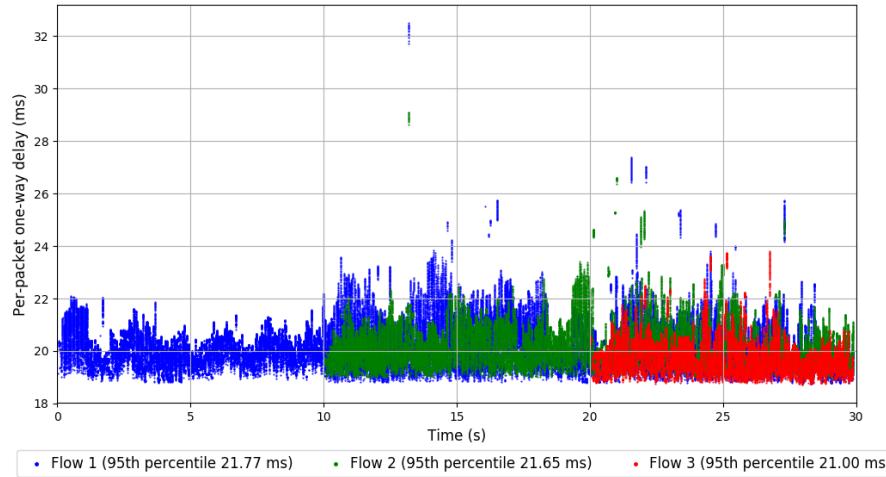
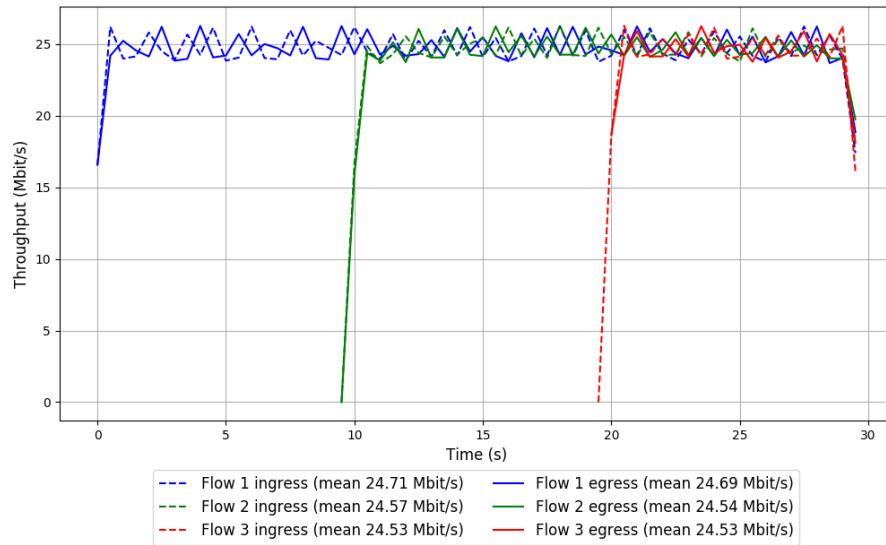


Run 7: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 06:40:52 +0000
End at: Sat, 29 Jul 2017 06:41:22 +0000
Local clock offset: 0.849 ms
Remote clock offset: -1.274 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 21.668 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.774 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 21.651 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 21.002 ms
Loss rate: 0.02%
```

Run 7: Report of Sprout — Data Link

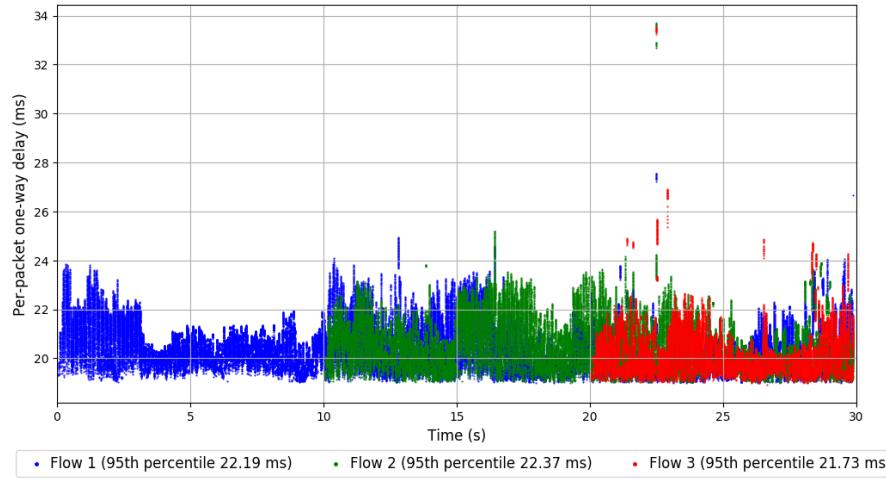
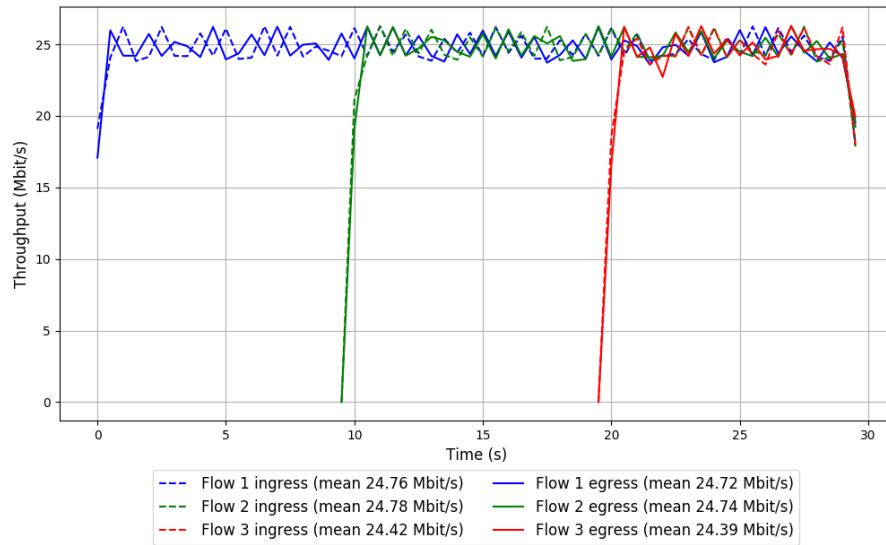


Run 8: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 07:01:28 +0000
End at: Sat, 29 Jul 2017 07:01:58 +0000
Local clock offset: 0.786 ms
Remote clock offset: -1.11 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 22.211 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.193 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.368 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 21.727 ms
Loss rate: 0.10%
```

Run 8: Report of Sprout — Data Link

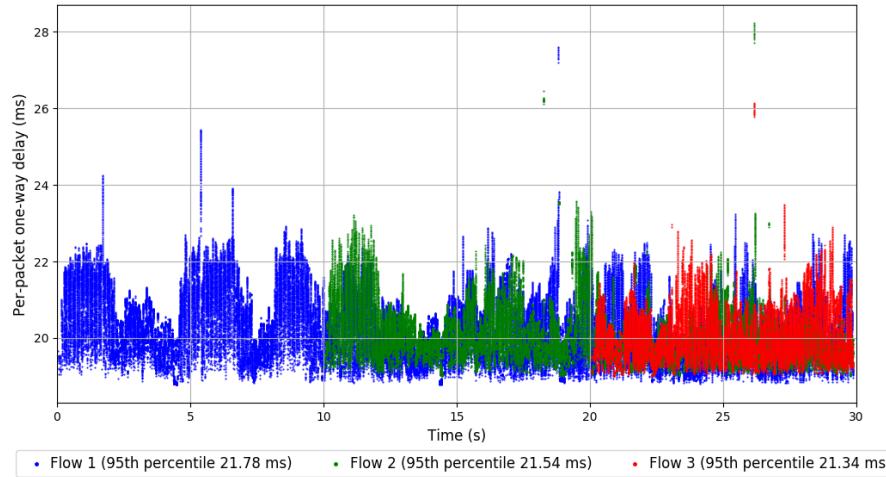
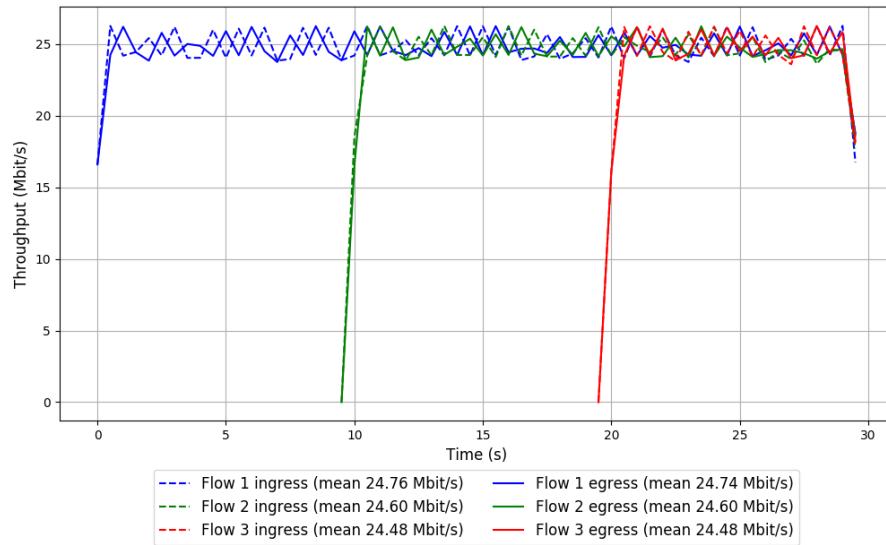


Run 9: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 07:22:03 +0000
End at: Sat, 29 Jul 2017 07:22:33 +0000
Local clock offset: 0.681 ms
Remote clock offset: -1.174 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.23 Mbit/s
95th percentile per-packet one-way delay: 21.662 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 21.778 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 21.539 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 21.344 ms
Loss rate: 0.01%
```

Run 9: Report of Sprout — Data Link

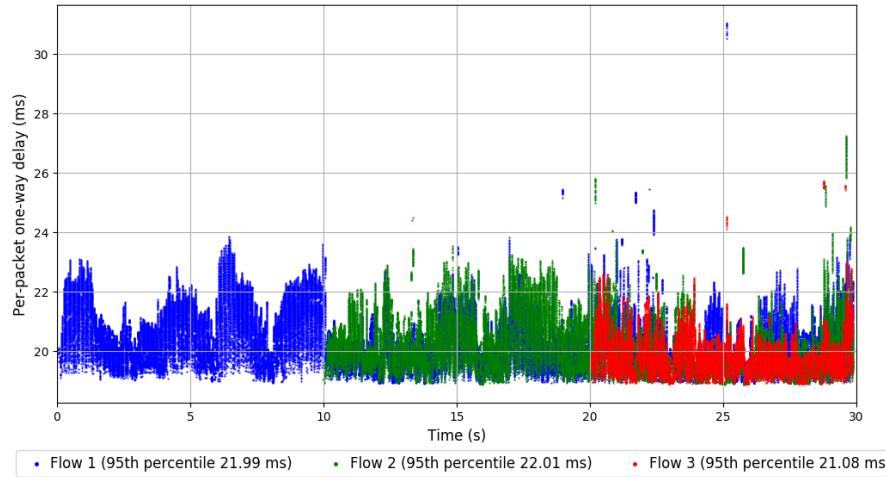
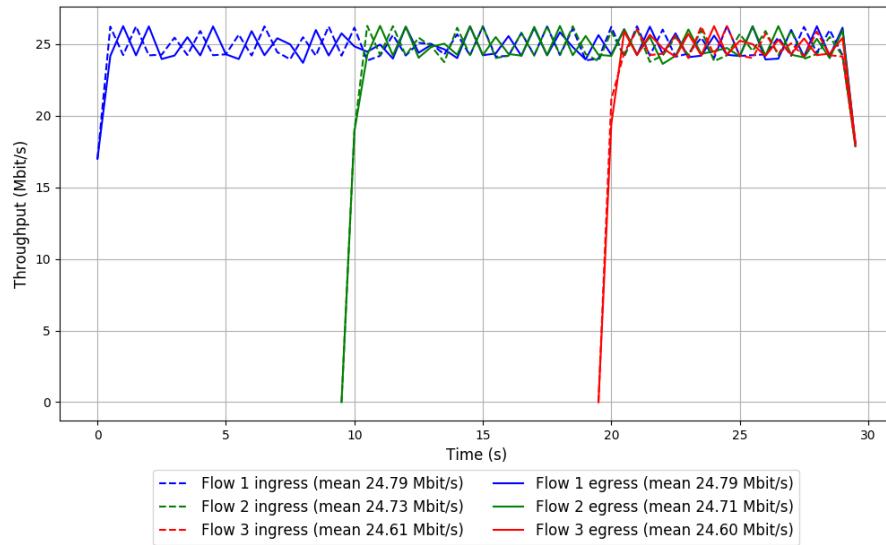


Run 10: Statistics of Sprout

```
Start at: Sat, 29 Jul 2017 07:42:45 +0000
End at: Sat, 29 Jul 2017 07:43:15 +0000
Local clock offset: 0.783 ms
Remote clock offset: -1.138 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:46:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.39 Mbit/s
95th percentile per-packet one-way delay: 21.910 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 21.993 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 22.008 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 21.079 ms
Loss rate: 0.01%
```

Run 10: Report of Sprout — Data Link

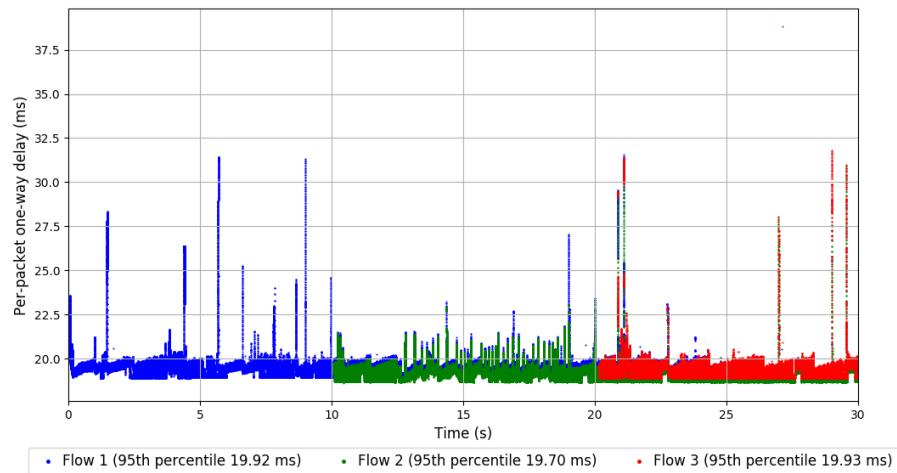
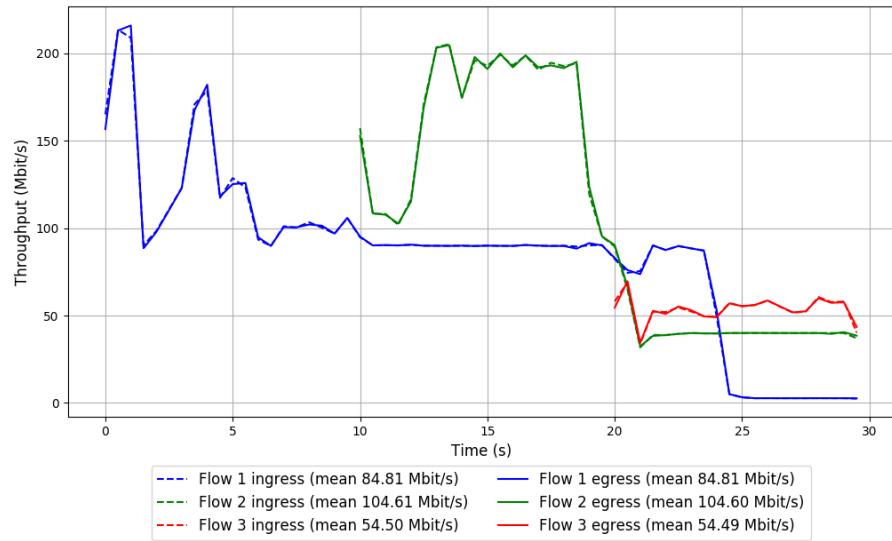


Run 1: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 04:20:53 +0000
End at: Sat, 29 Jul 2017 04:21:23 +0000
Local clock offset: -0.435 ms
Remote clock offset: -2.234 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:47:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 172.35 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 19.920 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 104.60 Mbit/s
95th percentile per-packet one-way delay: 19.701 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 54.49 Mbit/s
95th percentile per-packet one-way delay: 19.933 ms
Loss rate: 0.01%
```

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

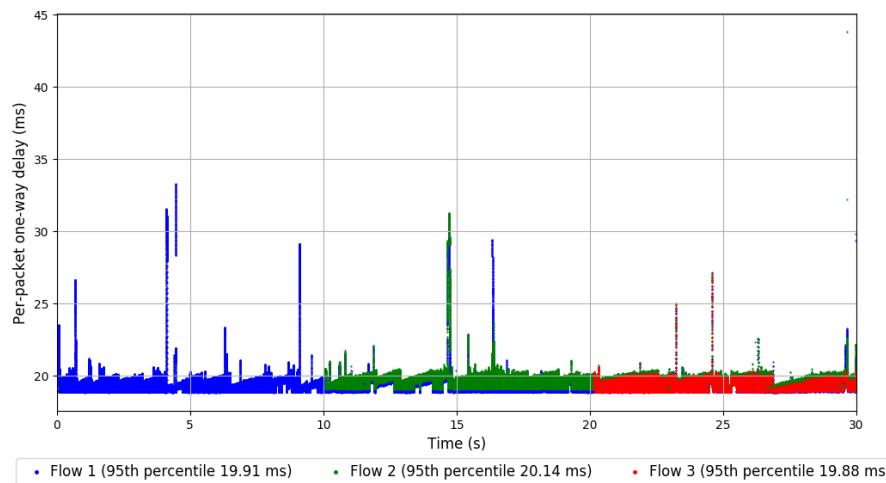
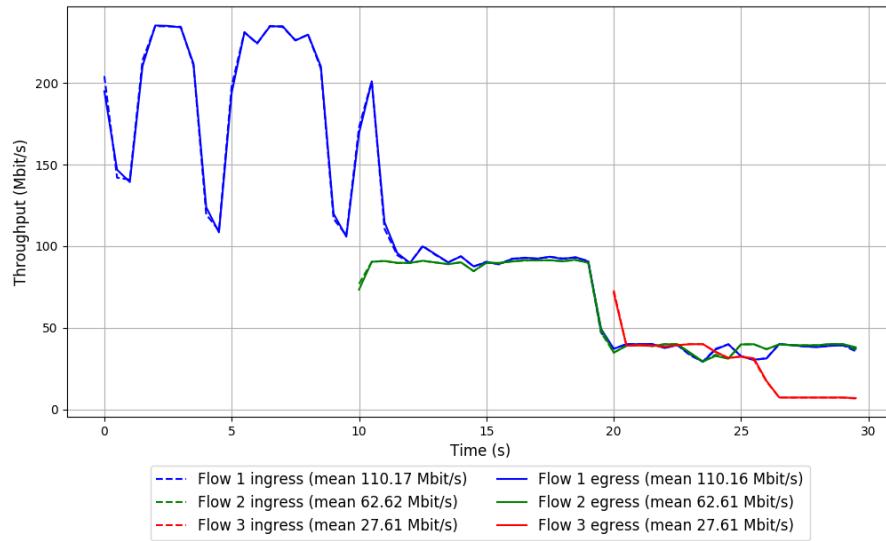


Run 2: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 04:41:45 +0000
End at: Sat, 29 Jul 2017 04:42:15 +0000
Local clock offset: -0.15 ms
Remote clock offset: -2.044 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:47:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 160.91 Mbit/s
95th percentile per-packet one-way delay: 20.020 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 110.16 Mbit/s
95th percentile per-packet one-way delay: 19.909 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 20.136 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 27.61 Mbit/s
95th percentile per-packet one-way delay: 19.883 ms
Loss rate: 0.00%
```

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

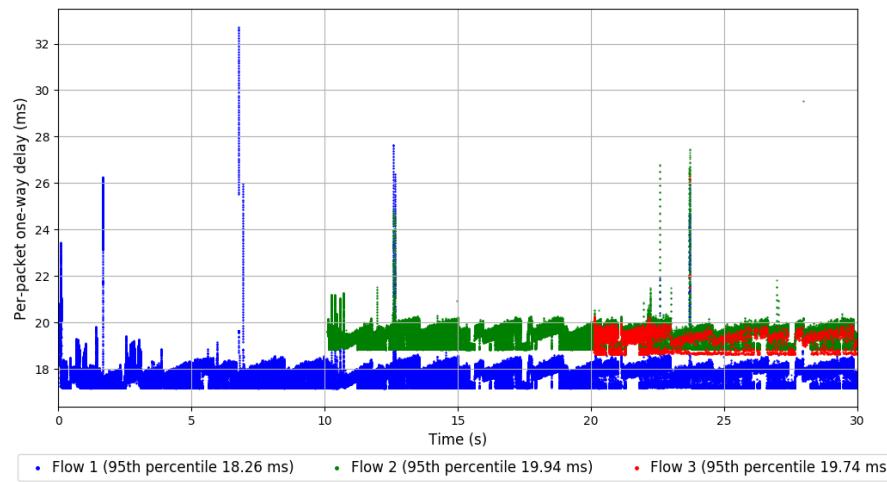
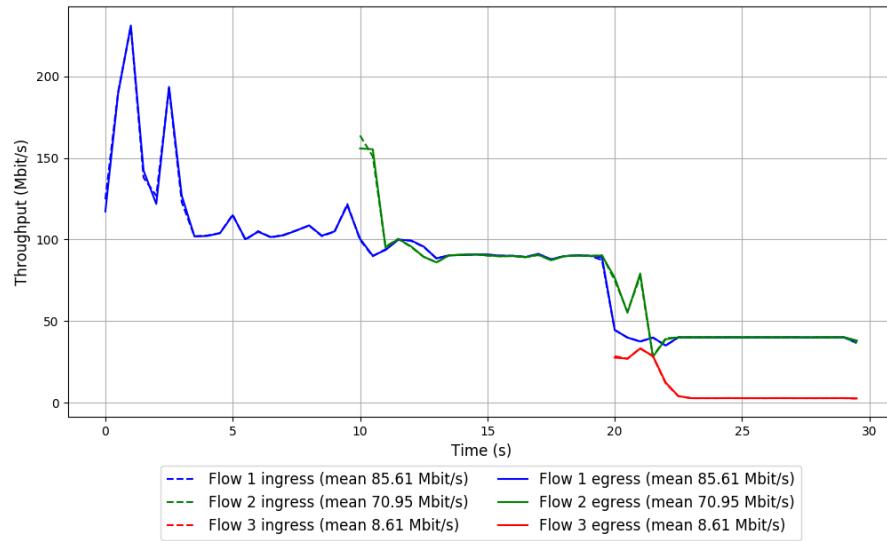


Run 3: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 05:02:29 +0000
End at: Sat, 29 Jul 2017 05:02:59 +0000
Local clock offset: 0.252 ms
Remote clock offset: -1.968 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:47:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 135.55 Mbit/s
95th percentile per-packet one-way delay: 19.814 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 18.262 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 70.95 Mbit/s
95th percentile per-packet one-way delay: 19.942 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 19.741 ms
Loss rate: 0.00%
```

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

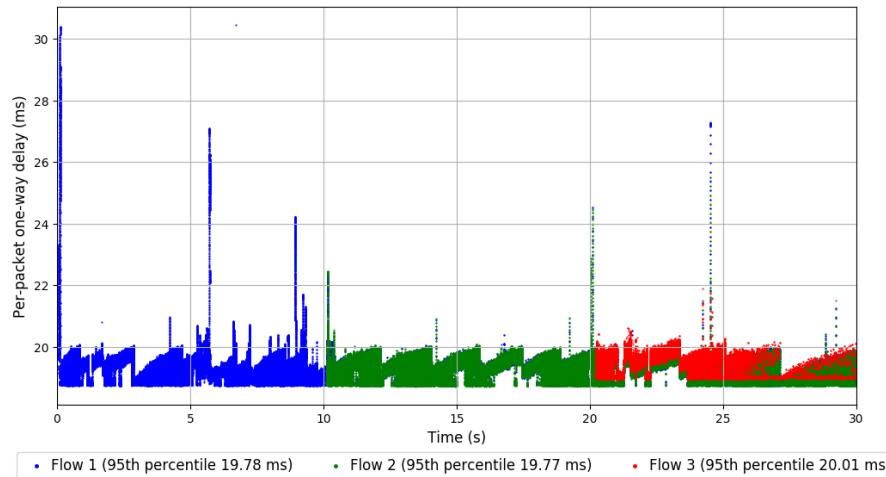
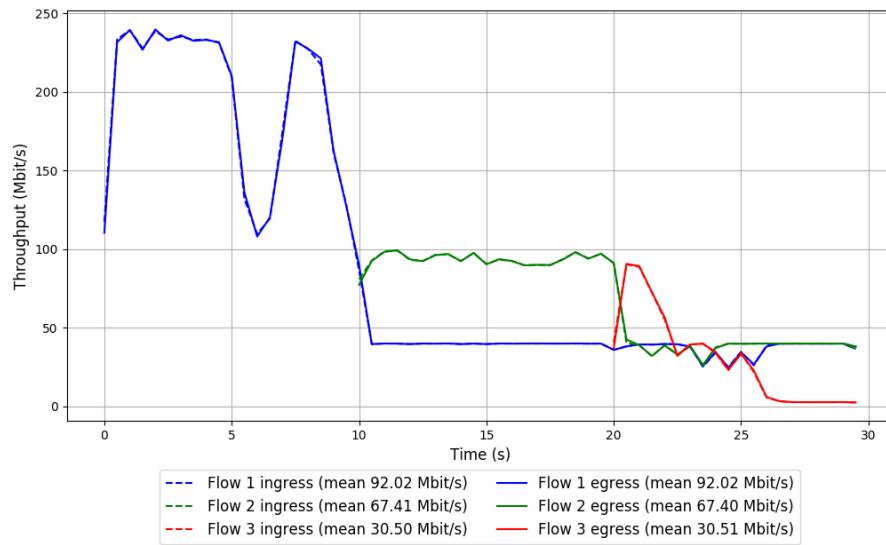


Run 4: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 05:23:17 +0000
End at: Sat, 29 Jul 2017 05:23:47 +0000
Local clock offset: 0.509 ms
Remote clock offset: -1.505 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:47:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 146.76 Mbit/s
95th percentile per-packet one-way delay: 19.802 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.40 Mbit/s
95th percentile per-packet one-way delay: 19.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 20.007 ms
Loss rate: 0.00%
```

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

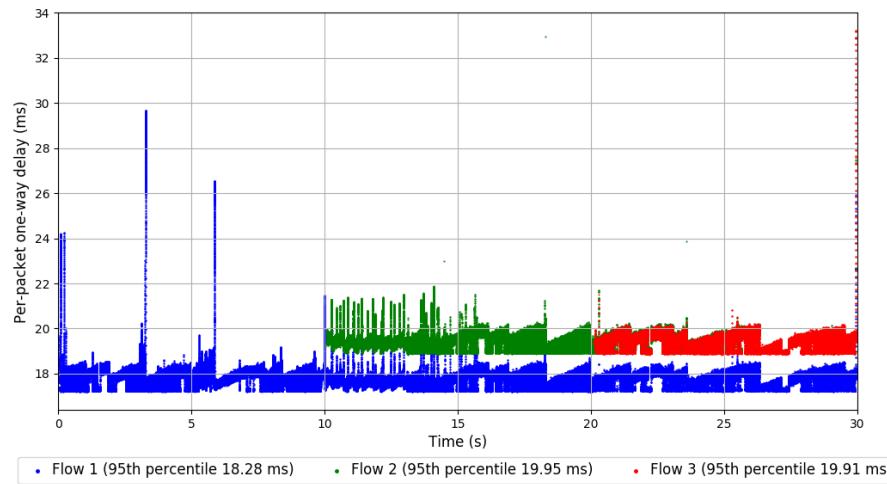
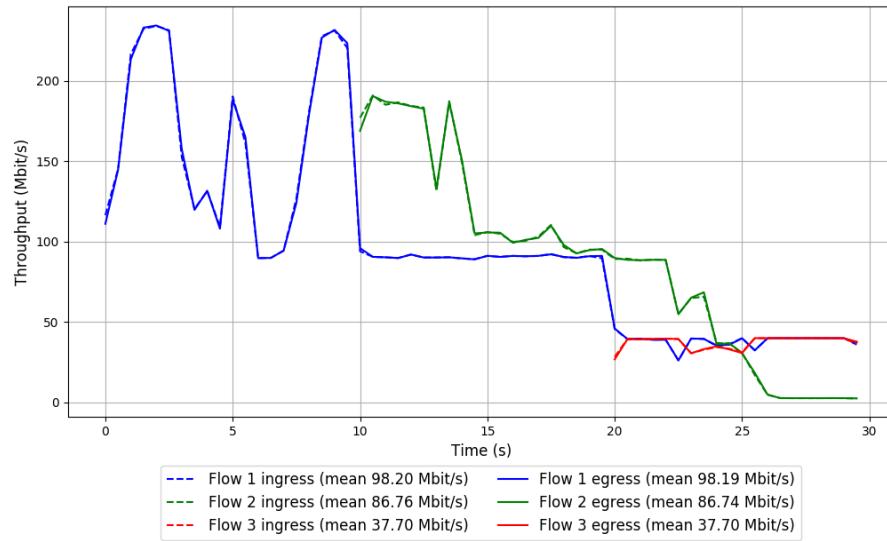


Run 5: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 05:44:02 +0000
End at: Sat, 29 Jul 2017 05:44:32 +0000
Local clock offset: 0.898 ms
Remote clock offset: -1.215 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 168.32 Mbit/s
95th percentile per-packet one-way delay: 19.812 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 98.19 Mbit/s
95th percentile per-packet one-way delay: 18.281 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 19.950 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 37.70 Mbit/s
95th percentile per-packet one-way delay: 19.912 ms
Loss rate: 0.01%
```

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

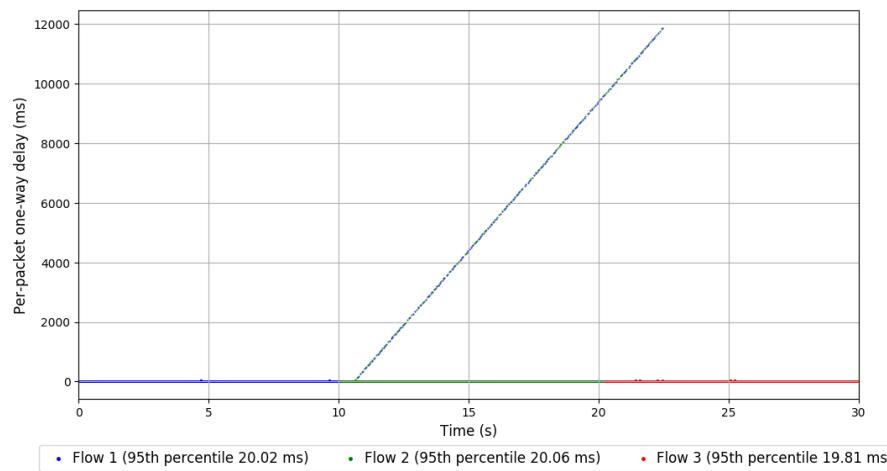
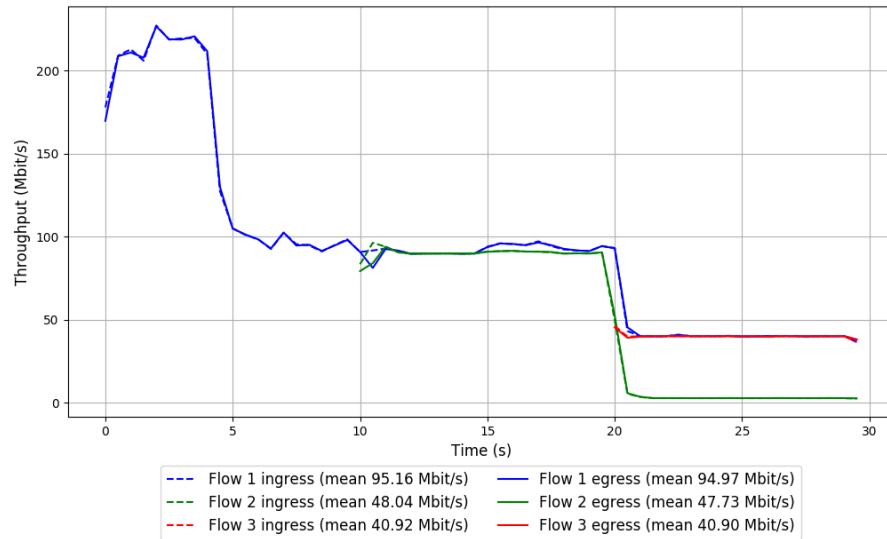


Run 6: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 06:04:51 +0000
End at: Sat, 29 Jul 2017 06:05:21 +0000
Local clock offset: 1.007 ms
Remote clock offset: -1.215 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 140.07 Mbit/s
95th percentile per-packet one-way delay: 20.024 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 20.015 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 20.059 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 0.04%
```

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

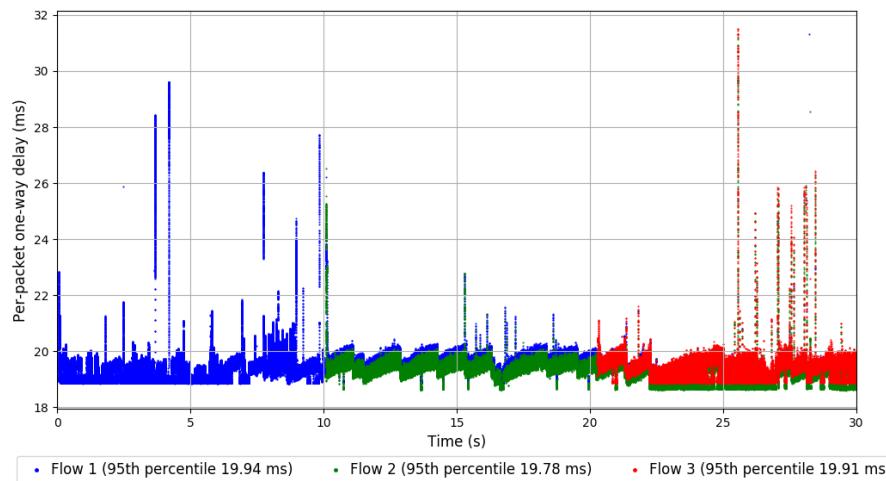
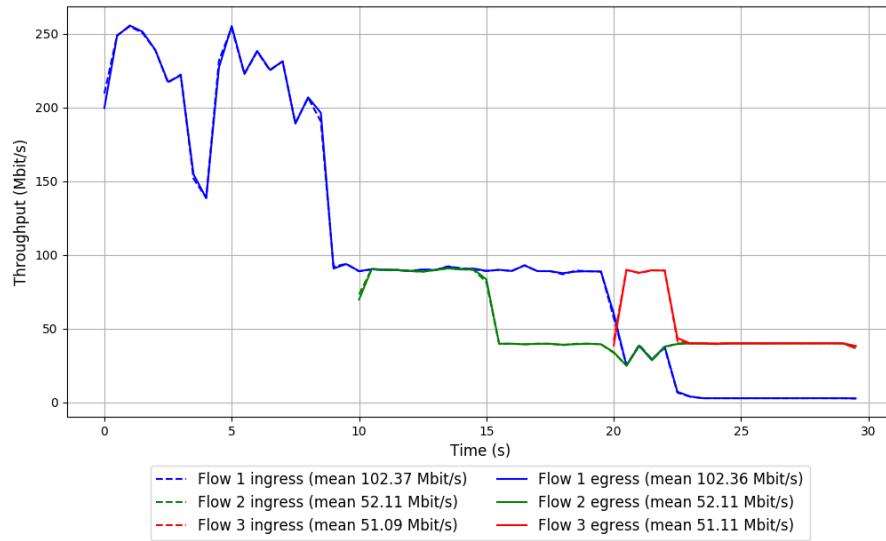


Run 7: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 06:25:35 +0000
End at: Sat, 29 Jul 2017 06:26:05 +0000
Local clock offset: 0.999 ms
Remote clock offset: -1.206 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:48:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 153.65 Mbit/s
95th percentile per-packet one-way delay: 19.911 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 102.36 Mbit/s
95th percentile per-packet one-way delay: 19.944 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.11 Mbit/s
95th percentile per-packet one-way delay: 19.914 ms
Loss rate: 0.01%
```

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

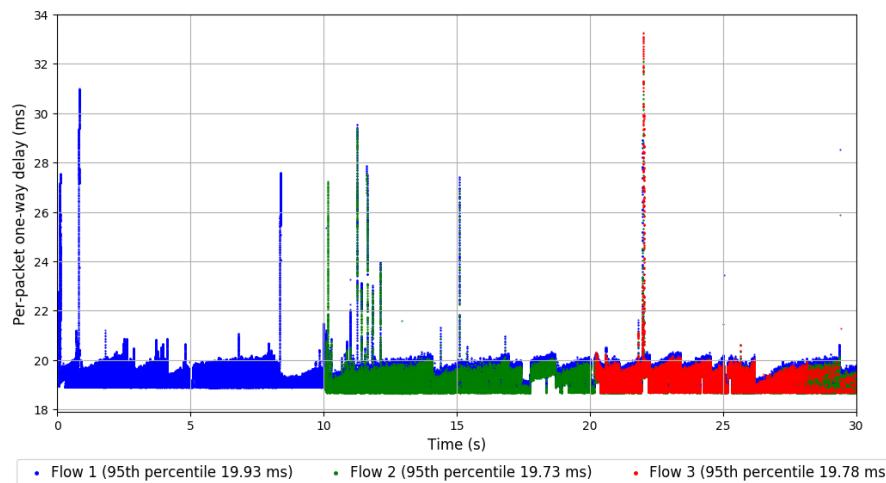
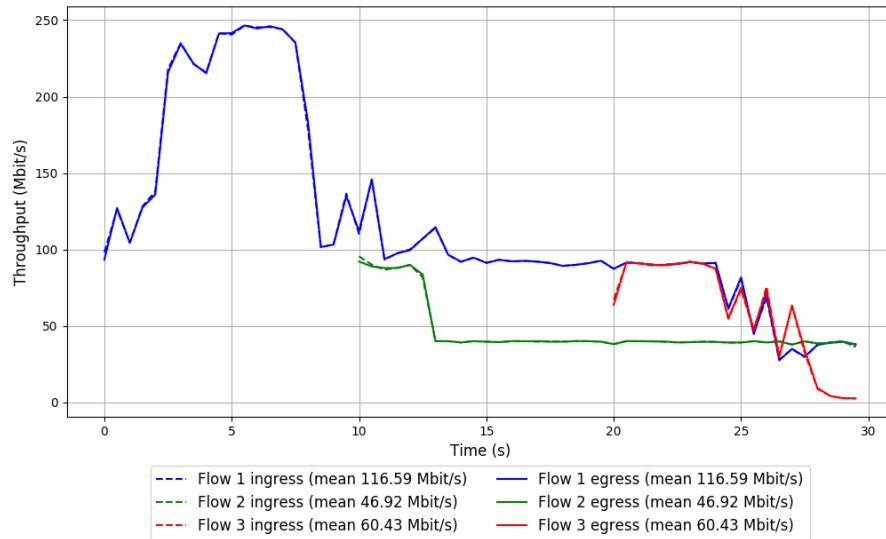


Run 8: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 06:46:18 +0000
End at: Sat, 29 Jul 2017 06:46:48 +0000
Local clock offset: 0.838 ms
Remote clock offset: -1.28 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:48:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 167.60 Mbit/s
95th percentile per-packet one-way delay: 19.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.59 Mbit/s
95th percentile per-packet one-way delay: 19.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 19.729 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 19.780 ms
Loss rate: 0.00%
```

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

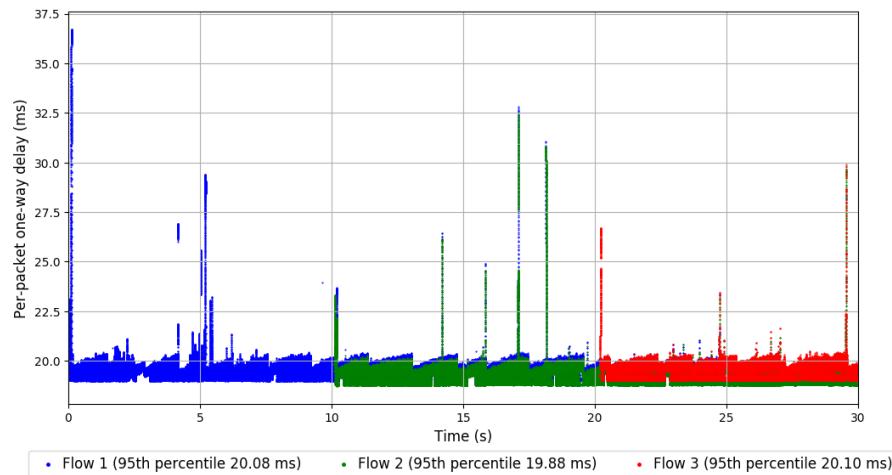
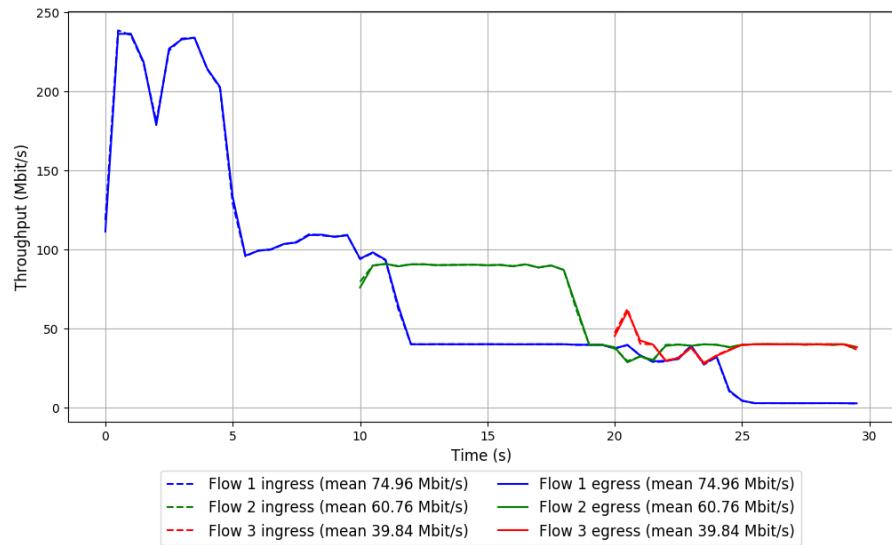


Run 9: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 07:06:55 +0000
End at: Sat, 29 Jul 2017 07:07:25 +0000
Local clock offset: 0.742 ms
Remote clock offset: -1.05 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:49:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.36 Mbit/s
95th percentile per-packet one-way delay: 20.047 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 74.96 Mbit/s
95th percentile per-packet one-way delay: 20.076 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 19.881 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 20.103 ms
Loss rate: 0.00%
```

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

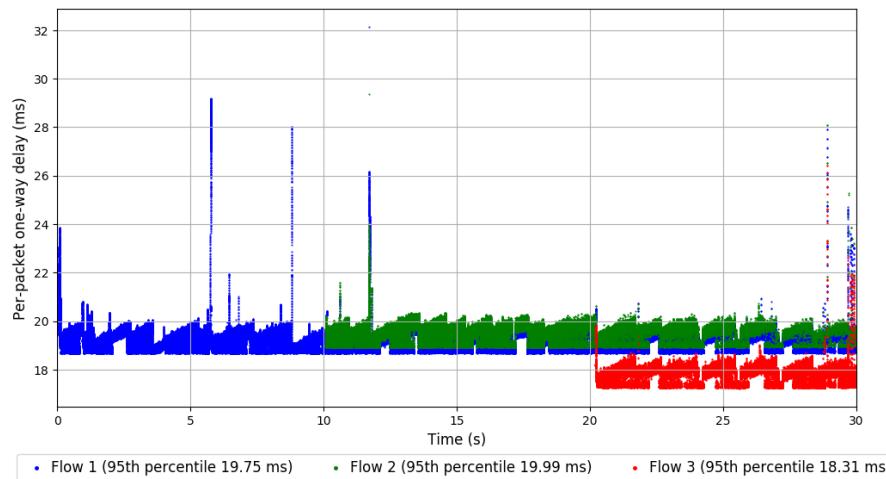
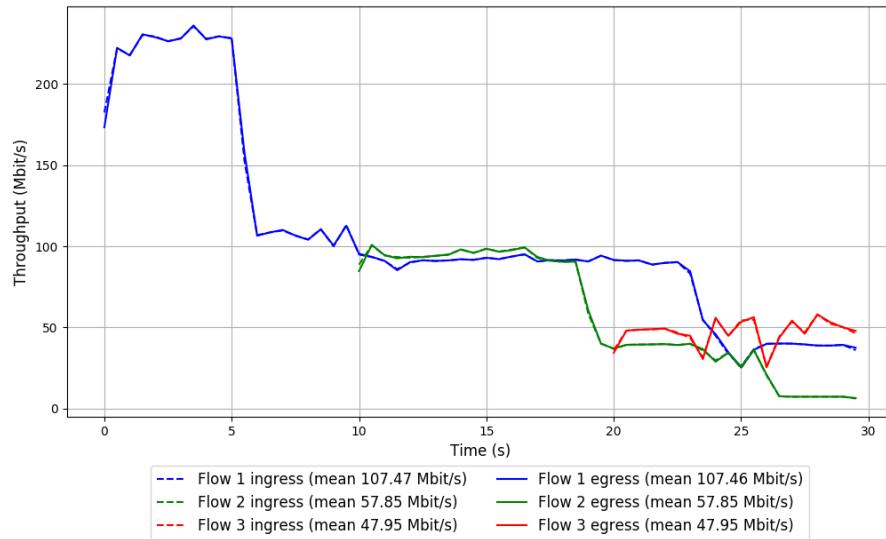


Run 10: Statistics of TaoVA-100x

```
Start at: Sat, 29 Jul 2017 07:27:31 +0000
End at: Sat, 29 Jul 2017 07:28:01 +0000
Local clock offset: 0.658 ms
Remote clock offset: -1.345 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:49:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.63 Mbit/s
95th percentile per-packet one-way delay: 19.848 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 107.46 Mbit/s
95th percentile per-packet one-way delay: 19.748 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 57.85 Mbit/s
95th percentile per-packet one-way delay: 19.993 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 18.311 ms
Loss rate: 0.00%
```

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

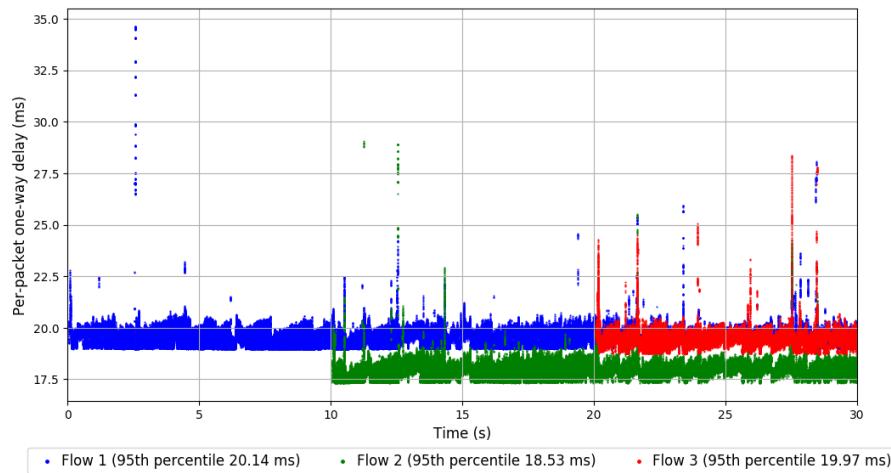
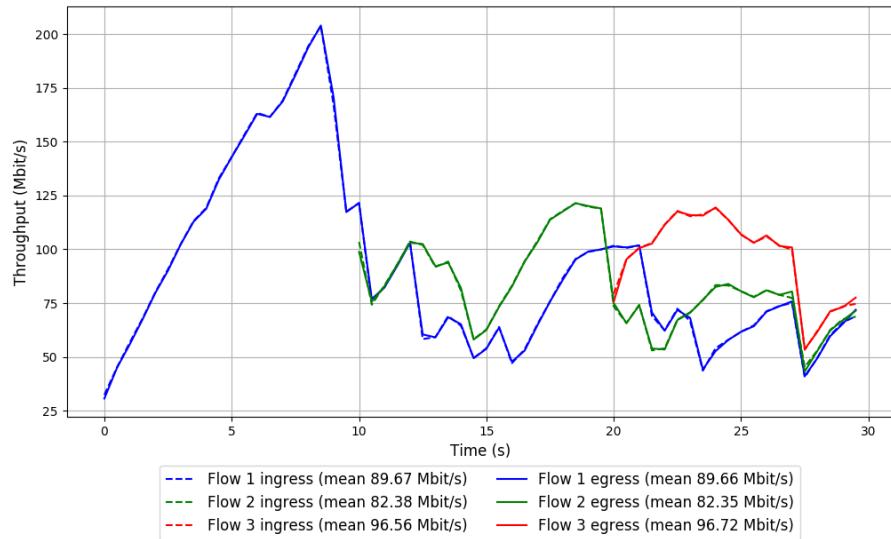


Run 1: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 04:22:19 +0000
End at: Sat, 29 Jul 2017 04:22:49 +0000
Local clock offset: -0.509 ms
Remote clock offset: -2.212 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:49:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.61 Mbit/s
95th percentile per-packet one-way delay: 20.049 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 20.142 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 82.35 Mbit/s
95th percentile per-packet one-way delay: 18.529 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 19.974 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

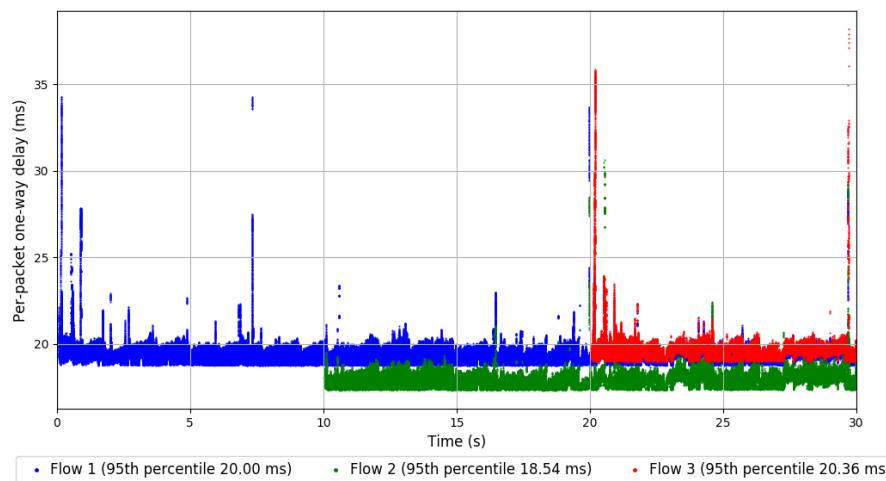
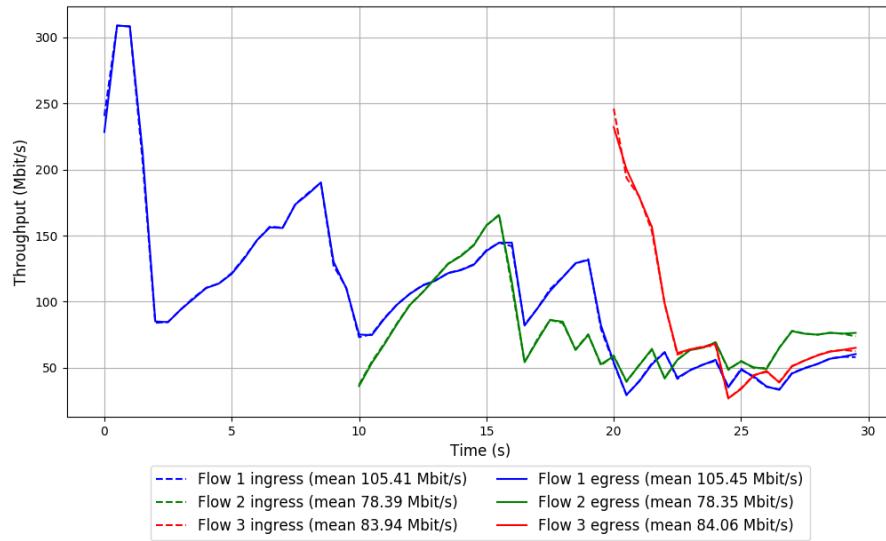


Run 2: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 04:43:11 +0000
End at: Sat, 29 Jul 2017 04:43:41 +0000
Local clock offset: -0.132 ms
Remote clock offset: -2.173 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:49:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 185.54 Mbit/s
95th percentile per-packet one-way delay: 20.017 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 105.45 Mbit/s
95th percentile per-packet one-way delay: 20.005 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 18.539 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 84.06 Mbit/s
95th percentile per-packet one-way delay: 20.356 ms
Loss rate: 0.04%
```

Run 2: Report of TCP Vegas — Data Link

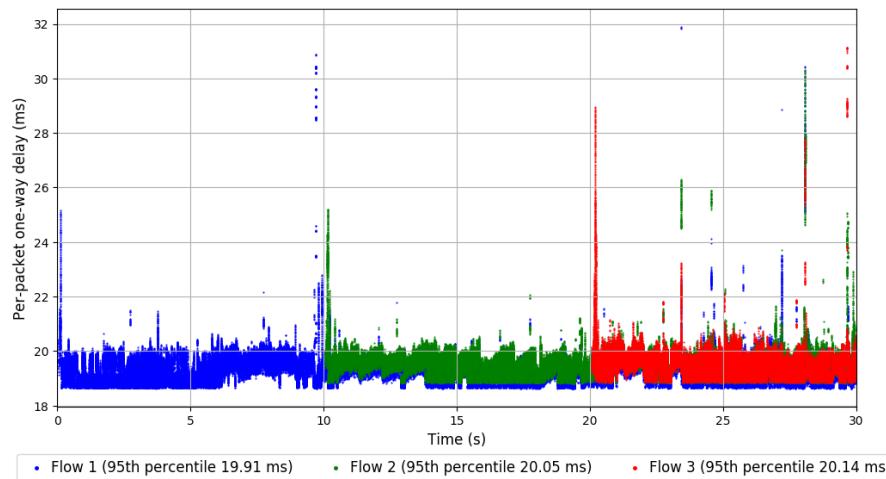
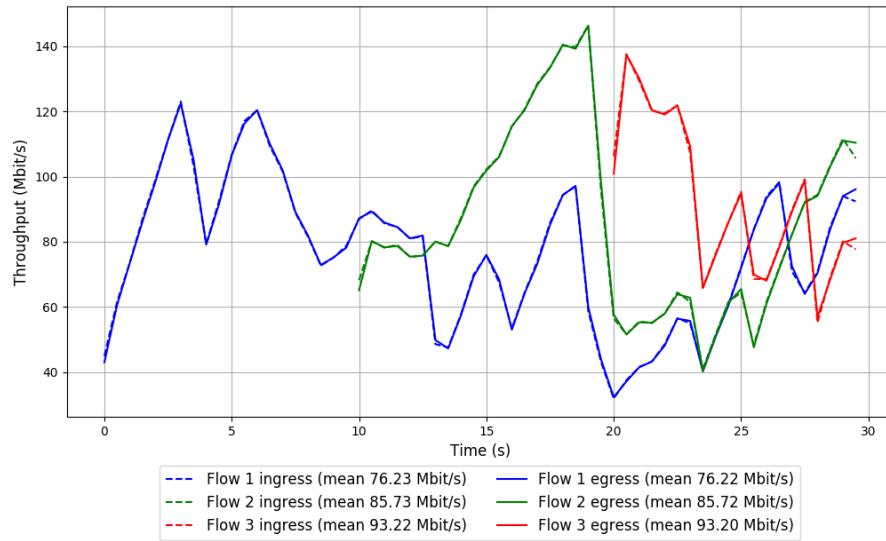


Run 3: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 05:03:52 +0000
End at: Sat, 29 Jul 2017 05:04:22 +0000
Local clock offset: 0.277 ms
Remote clock offset: -1.945 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:50:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.21 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.22 Mbit/s
95th percentile per-packet one-way delay: 19.908 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 85.72 Mbit/s
95th percentile per-packet one-way delay: 20.048 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 20.142 ms
Loss rate: 0.02%
```

Run 3: Report of TCP Vegas — Data Link

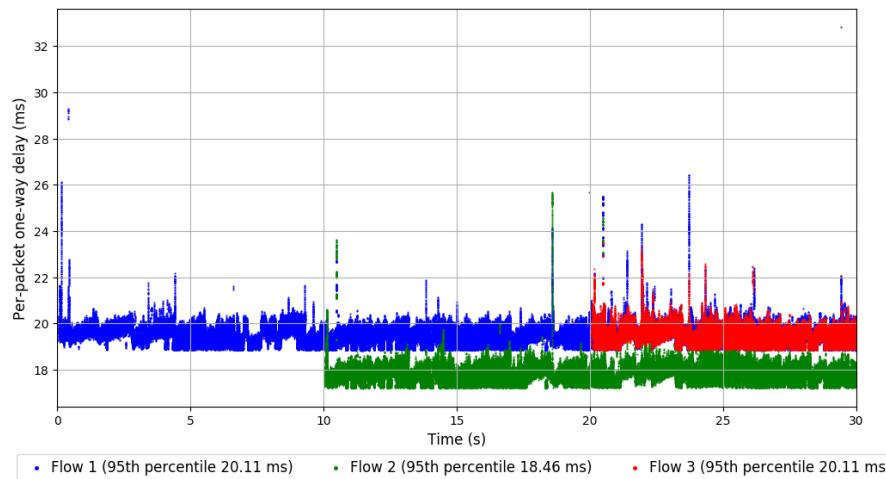
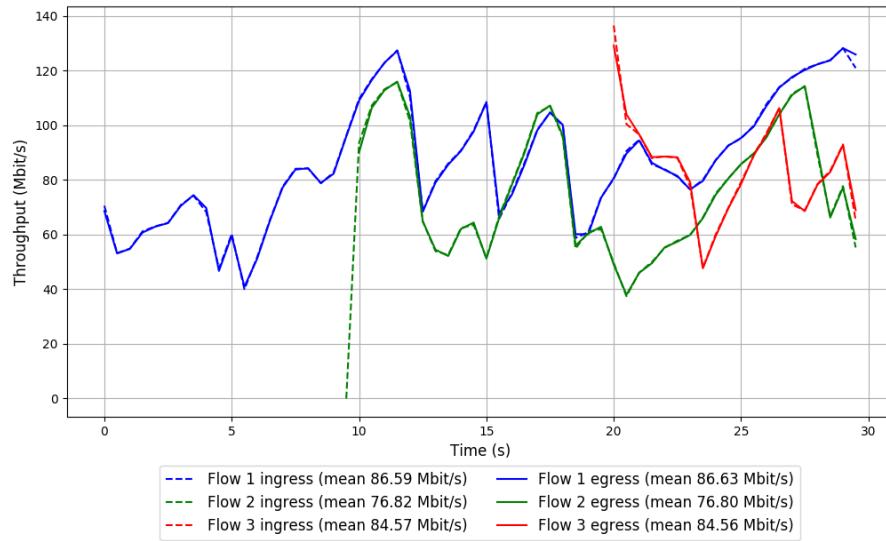


Run 4: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 05:24:41 +0000
End at: Sat, 29 Jul 2017 05:25:11 +0000
Local clock offset: 0.625 ms
Remote clock offset: -1.505 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:50:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.90 Mbit/s
95th percentile per-packet one-way delay: 20.044 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 20.106 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 18.457 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 20.115 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

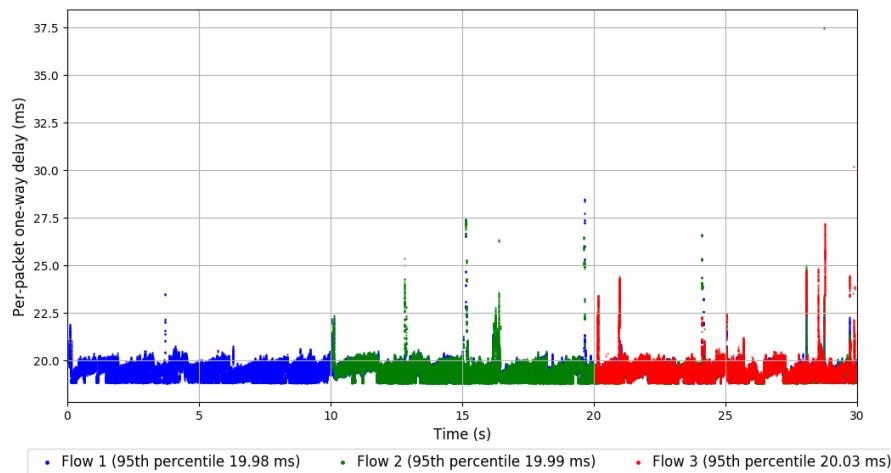
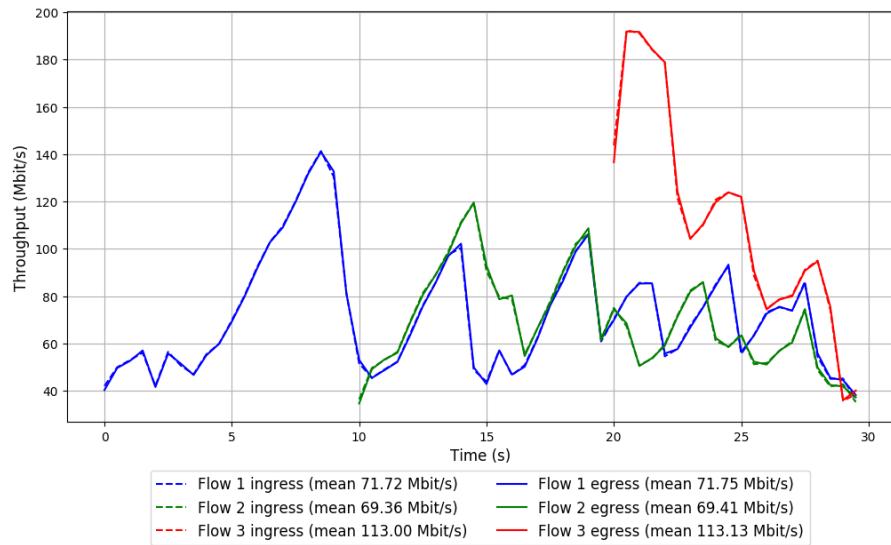


Run 5: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 05:45:28 +0000
End at: Sat, 29 Jul 2017 05:45:58 +0000
Local clock offset: 0.836 ms
Remote clock offset: -1.188 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:50:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 155.48 Mbit/s
95th percentile per-packet one-way delay: 19.993 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 71.75 Mbit/s
95th percentile per-packet one-way delay: 19.979 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 69.41 Mbit/s
95th percentile per-packet one-way delay: 19.991 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 113.13 Mbit/s
95th percentile per-packet one-way delay: 20.028 ms
Loss rate: 0.04%
```

Run 5: Report of TCP Vegas — Data Link

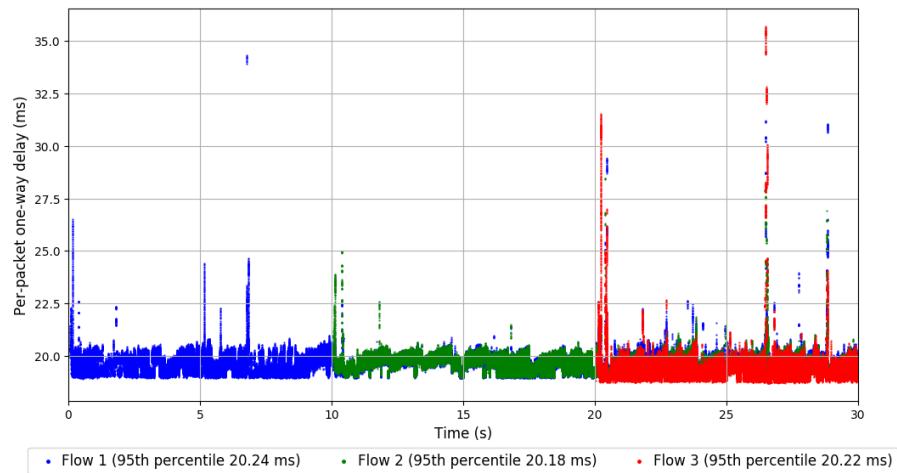
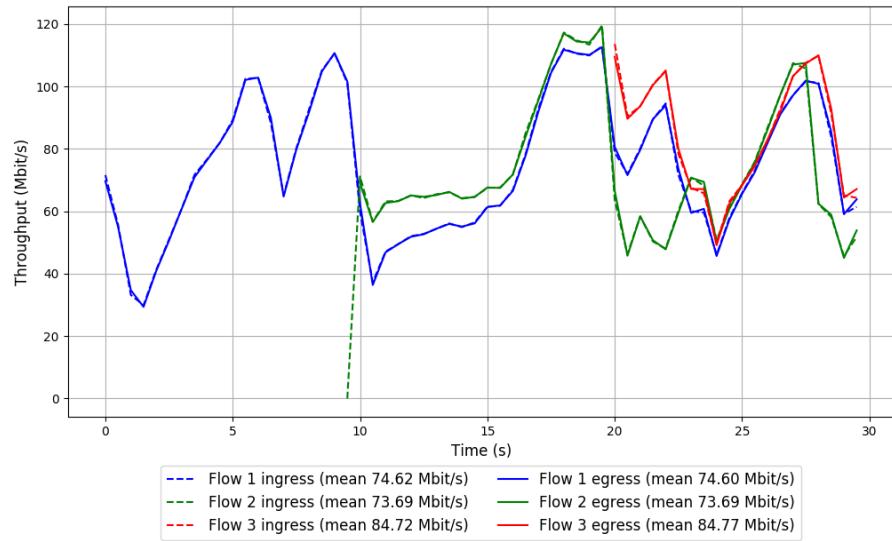


Run 6: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 06:06:14 +0000
End at: Sat, 29 Jul 2017 06:06:44 +0000
Local clock offset: 0.966 ms
Remote clock offset: -1.218 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:50:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 151.85 Mbit/s
95th percentile per-packet one-way delay: 20.215 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 74.60 Mbit/s
95th percentile per-packet one-way delay: 20.237 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 73.69 Mbit/s
95th percentile per-packet one-way delay: 20.183 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 20.216 ms
Loss rate: 0.10%
```

Run 6: Report of TCP Vegas — Data Link

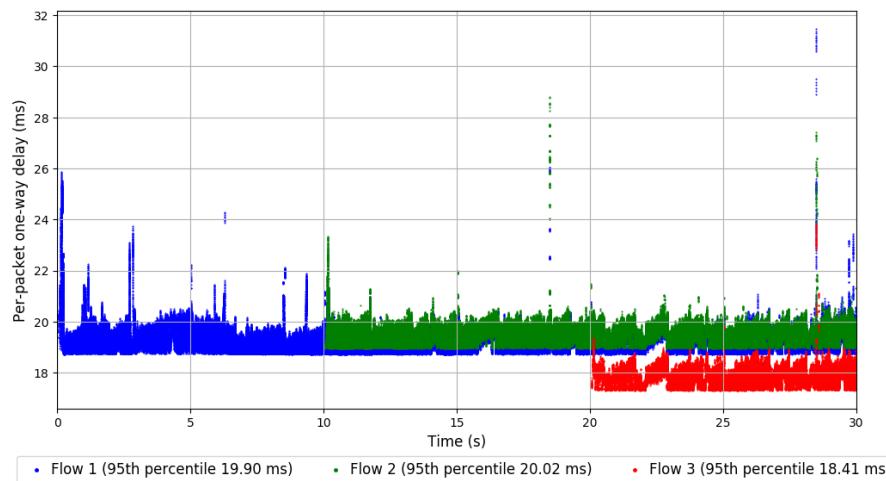
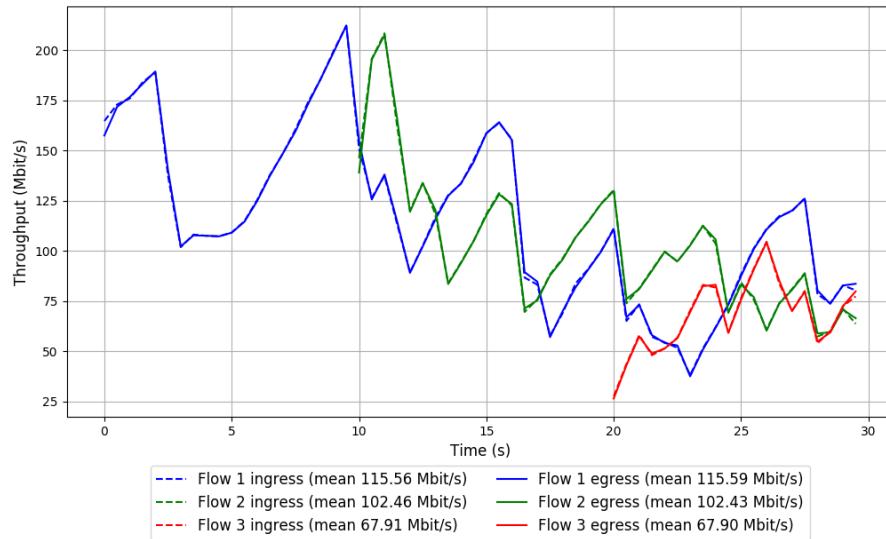


Run 7: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 06:26:59 +0000
End at: Sat, 29 Jul 2017 06:27:29 +0000
Local clock offset: 0.904 ms
Remote clock offset: -1.185 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:50:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 206.32 Mbit/s
95th percentile per-packet one-way delay: 19.942 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 115.59 Mbit/s
95th percentile per-packet one-way delay: 19.904 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 102.43 Mbit/s
95th percentile per-packet one-way delay: 20.019 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 67.90 Mbit/s
95th percentile per-packet one-way delay: 18.409 ms
Loss rate: 0.01%
```

Run 7: Report of TCP Vegas — Data Link

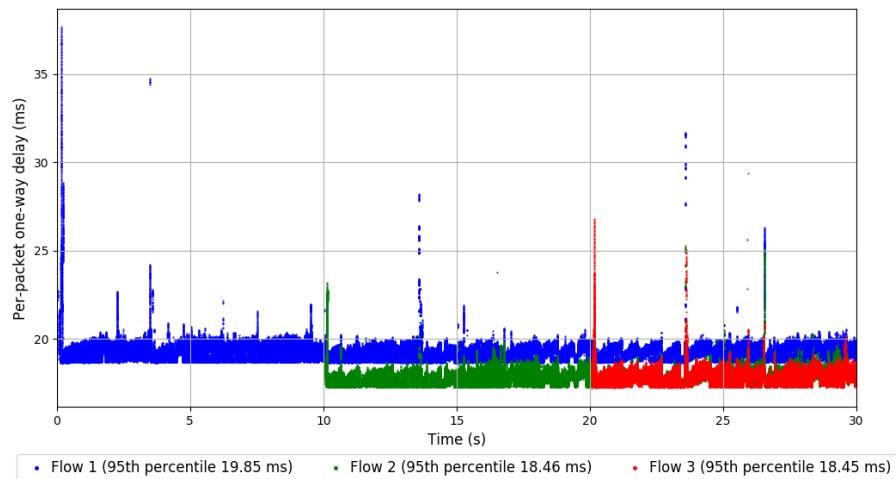
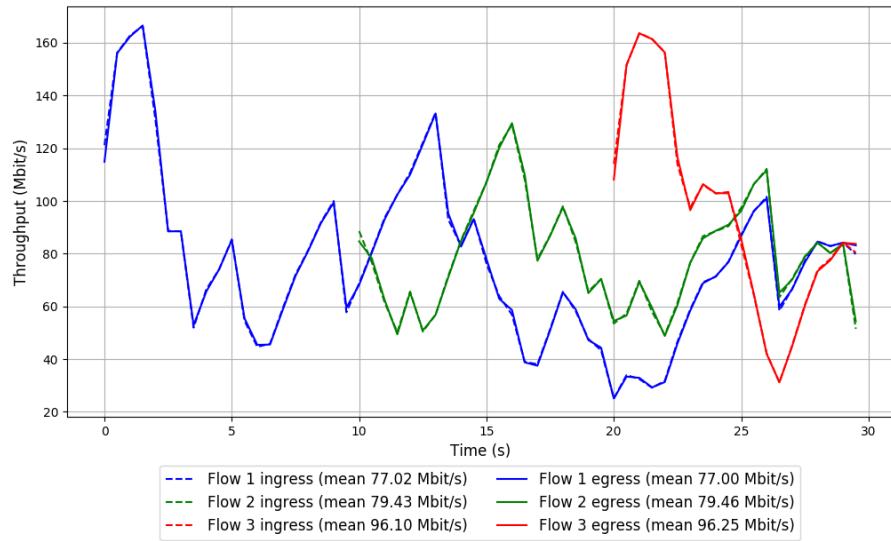


Run 8: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 06:47:44 +0000
End at: Sat, 29 Jul 2017 06:48:14 +0000
Local clock offset: 0.855 ms
Remote clock offset: -1.283 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:51:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.85 Mbit/s
95th percentile per-packet one-way delay: 19.728 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 19.853 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 18.465 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 18.445 ms
Loss rate: 0.04%
```

Run 8: Report of TCP Vegas — Data Link

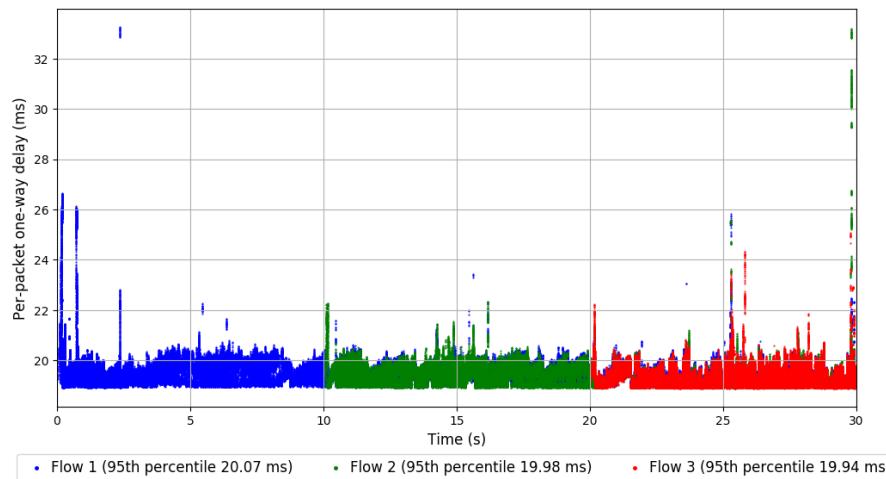
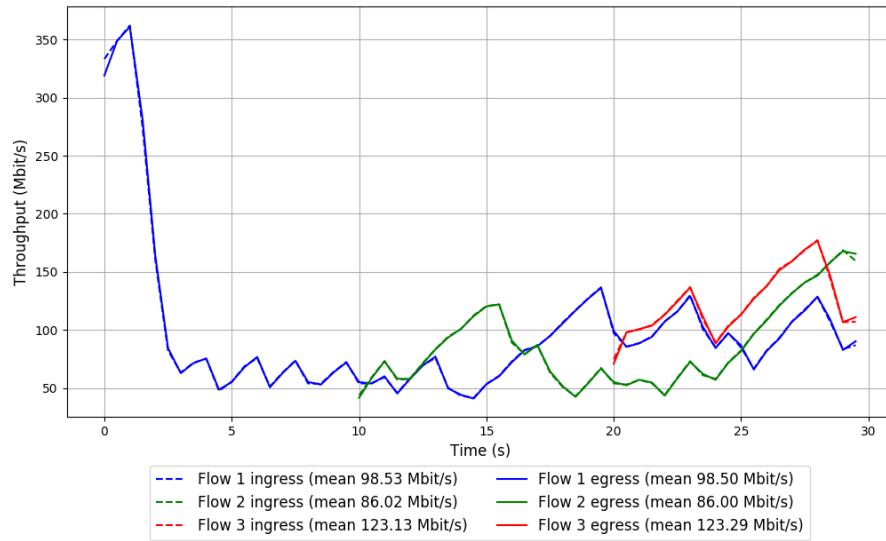


Run 9: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 07:08:18 +0000
End at: Sat, 29 Jul 2017 07:08:48 +0000
Local clock offset: 0.824 ms
Remote clock offset: -1.055 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:51:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 196.65 Mbit/s
95th percentile per-packet one-way delay: 20.022 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 98.50 Mbit/s
95th percentile per-packet one-way delay: 20.070 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 19.981 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 123.29 Mbit/s
95th percentile per-packet one-way delay: 19.941 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

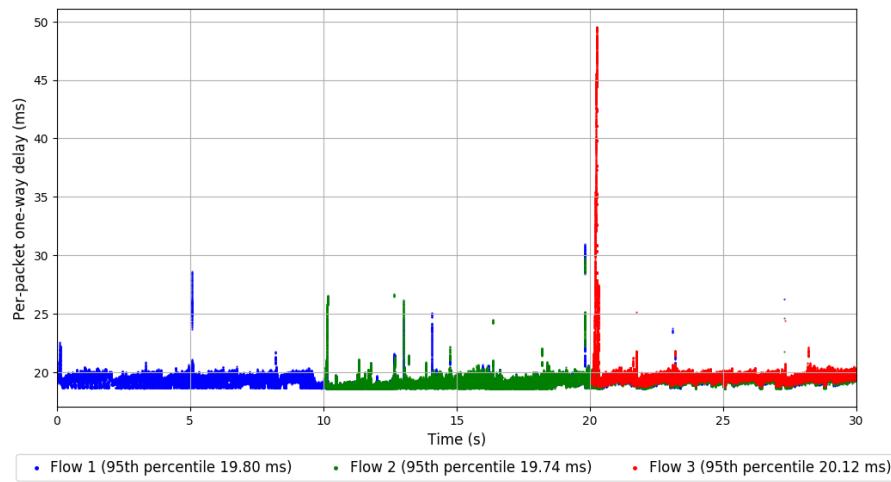
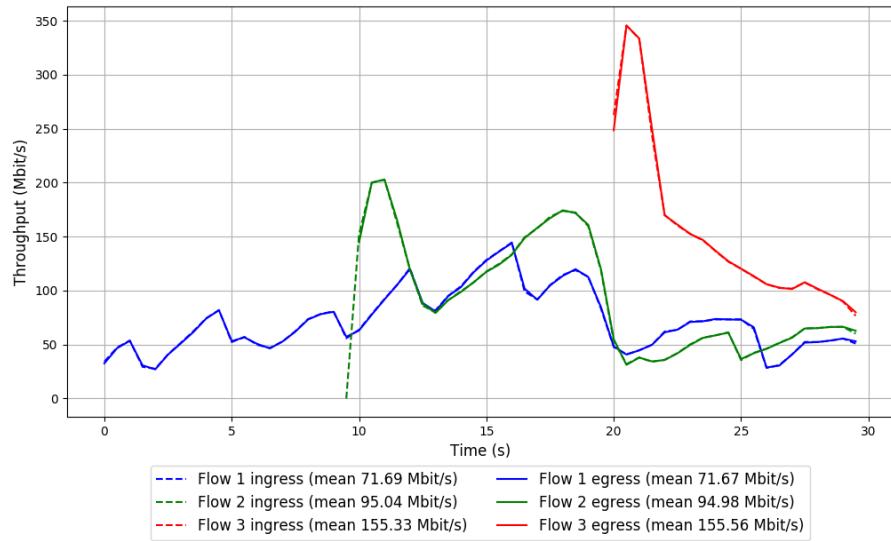


Run 10: Statistics of TCP Vegas

```
Start at: Sat, 29 Jul 2017 07:28:56 +0000
End at: Sat, 29 Jul 2017 07:29:26 +0000
Local clock offset: 0.785 ms
Remote clock offset: -1.358 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:51:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 186.57 Mbit/s
95th percentile per-packet one-way delay: 19.900 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.67 Mbit/s
95th percentile per-packet one-way delay: 19.800 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 19.739 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 155.56 Mbit/s
95th percentile per-packet one-way delay: 20.123 ms
Loss rate: 0.04%
```

Run 10: Report of TCP Vegas — Data Link

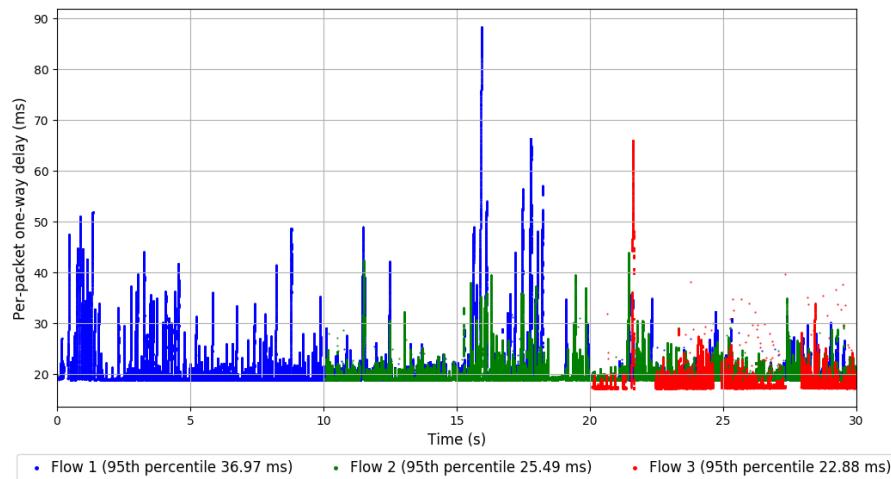
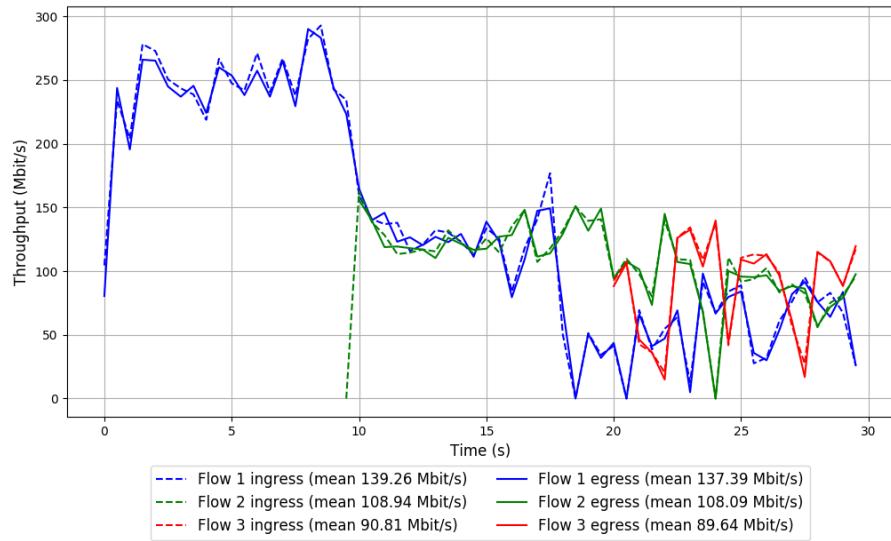


Run 1: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 04:33:36 +0000
End at: Sat, 29 Jul 2017 04:34:06 +0000
Local clock offset: -0.216 ms
Remote clock offset: -2.134 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:51:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.53 Mbit/s
95th percentile per-packet one-way delay: 32.183 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 137.39 Mbit/s
95th percentile per-packet one-way delay: 36.965 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 108.09 Mbit/s
95th percentile per-packet one-way delay: 25.488 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 22.876 ms
Loss rate: 1.28%
```

Run 1: Report of Verus — Data Link

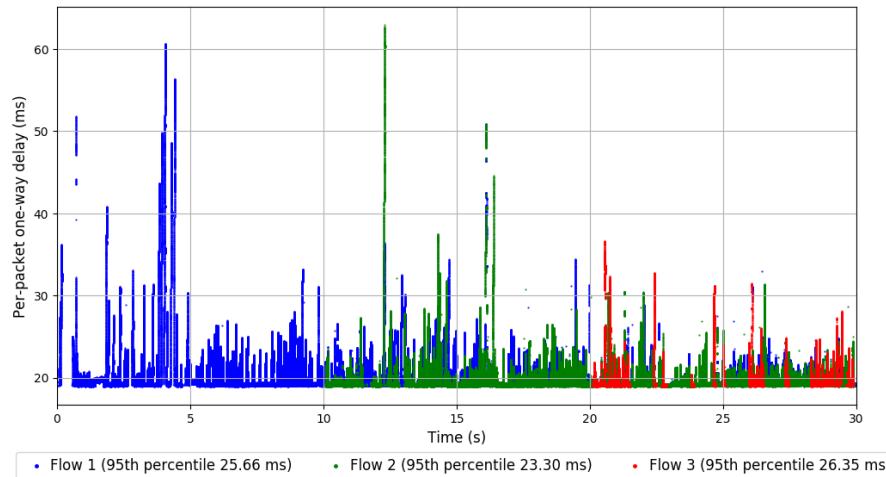
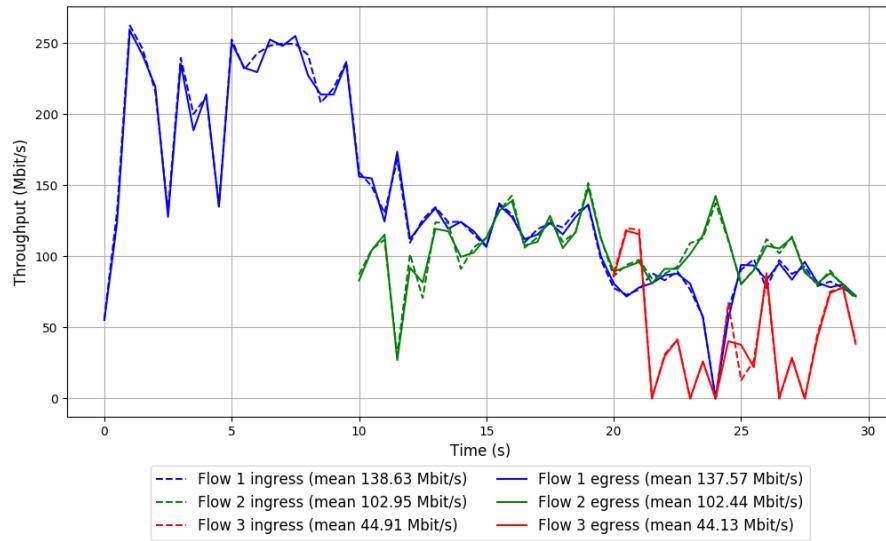


Run 2: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 04:54:26 +0000
End at: Sat, 29 Jul 2017 04:54:56 +0000
Local clock offset: 0.138 ms
Remote clock offset: -2.108 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:51:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 220.13 Mbit/s
95th percentile per-packet one-way delay: 24.980 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 137.57 Mbit/s
95th percentile per-packet one-way delay: 25.658 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 102.44 Mbit/s
95th percentile per-packet one-way delay: 23.300 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 26.349 ms
Loss rate: 1.73%
```

Run 2: Report of Verus — Data Link

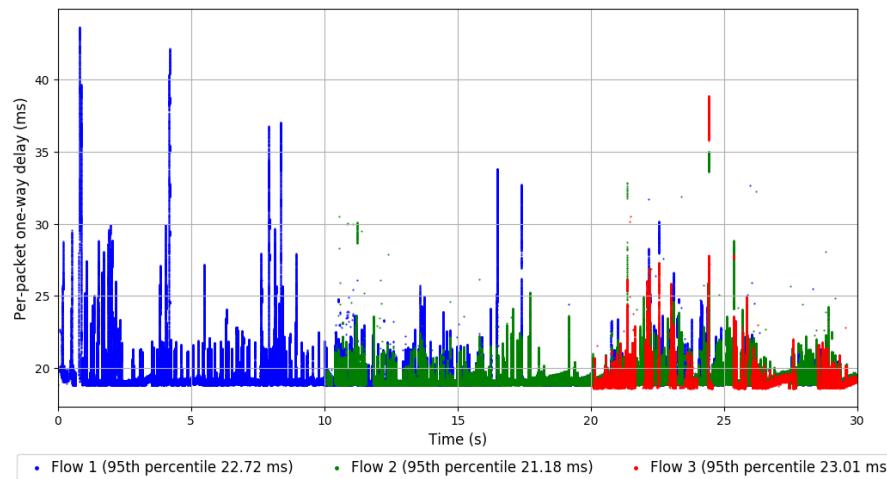
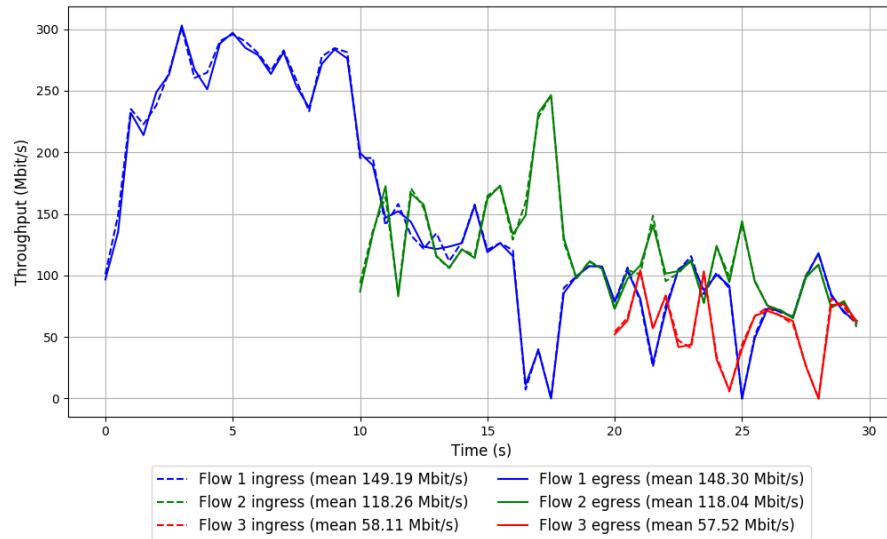


Run 3: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 05:15:11 +0000
End at: Sat, 29 Jul 2017 05:15:41 +0000
Local clock offset: 0.483 ms
Remote clock offset: -1.785 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:52:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 245.88 Mbit/s
95th percentile per-packet one-way delay: 22.110 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 148.30 Mbit/s
95th percentile per-packet one-way delay: 22.722 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 118.04 Mbit/s
95th percentile per-packet one-way delay: 21.182 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 23.014 ms
Loss rate: 1.06%
```

Run 3: Report of Verus — Data Link

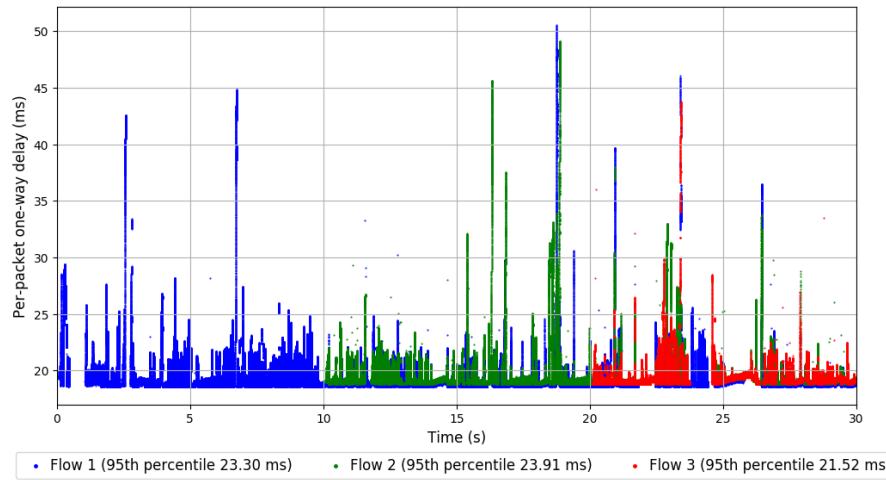
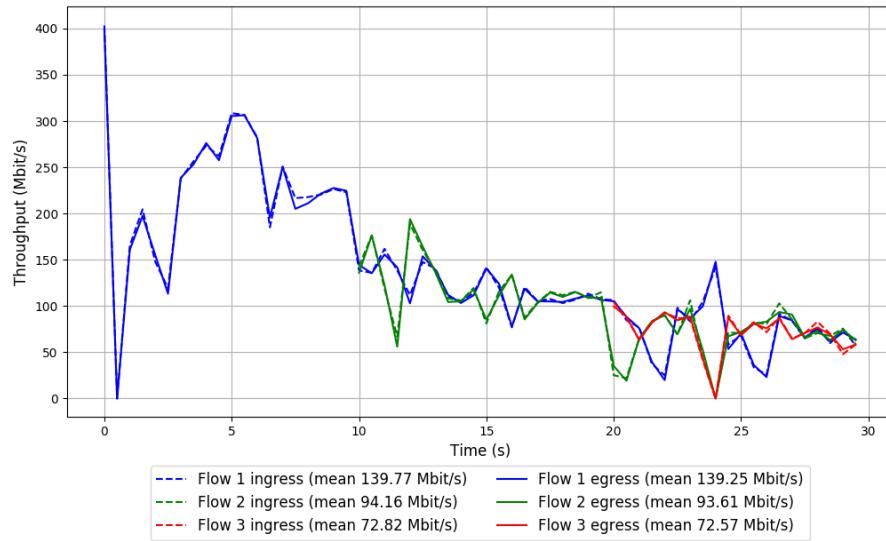


Run 4: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 05:35:54 +0000
End at: Sat, 29 Jul 2017 05:36:24 +0000
Local clock offset: 0.811 ms
Remote clock offset: -1.194 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:52:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 225.48 Mbit/s
95th percentile per-packet one-way delay: 23.223 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 139.25 Mbit/s
95th percentile per-packet one-way delay: 23.296 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 23.906 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 72.57 Mbit/s
95th percentile per-packet one-way delay: 21.519 ms
Loss rate: 0.33%
```

Run 4: Report of Verus — Data Link

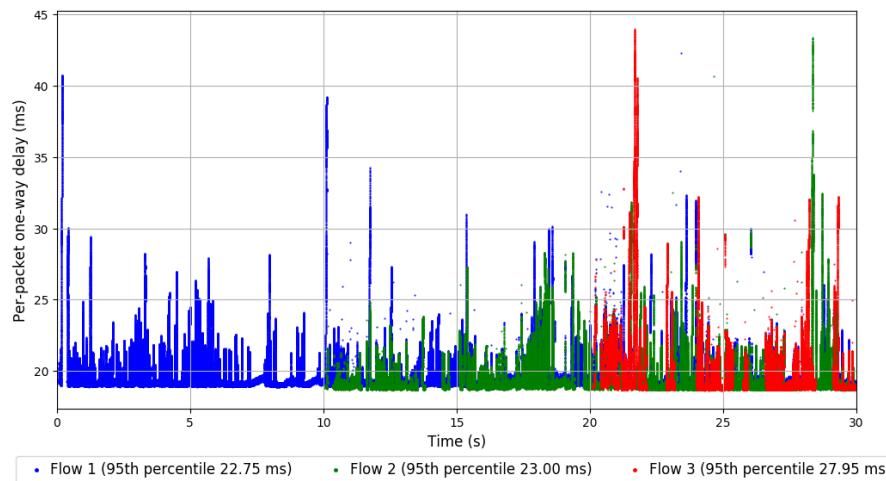
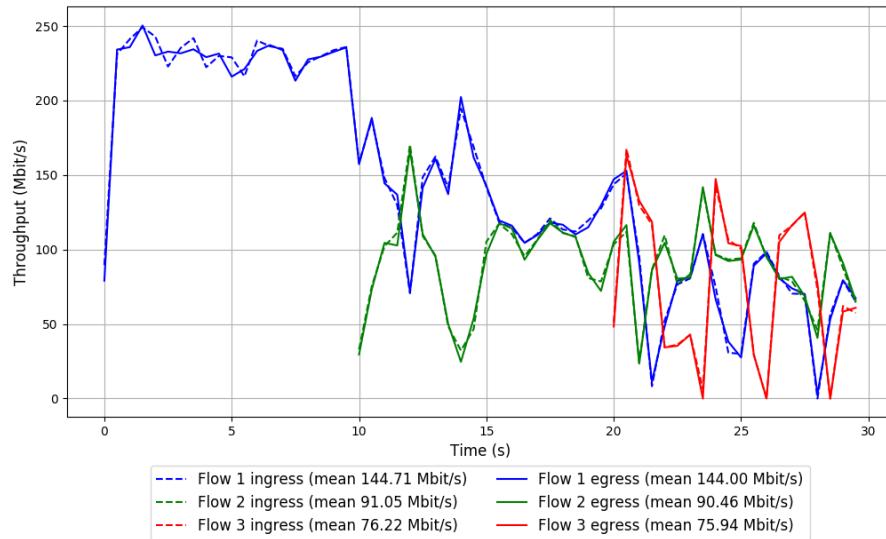


Run 5: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 05:56:44 +0000
End at: Sat, 29 Jul 2017 05:57:14 +0000
Local clock offset: 1.04 ms
Remote clock offset: -1.08 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:52:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 229.27 Mbit/s
95th percentile per-packet one-way delay: 23.168 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 144.00 Mbit/s
95th percentile per-packet one-way delay: 22.750 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 23.004 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 27.945 ms
Loss rate: 0.39%
```

Run 5: Report of Verus — Data Link

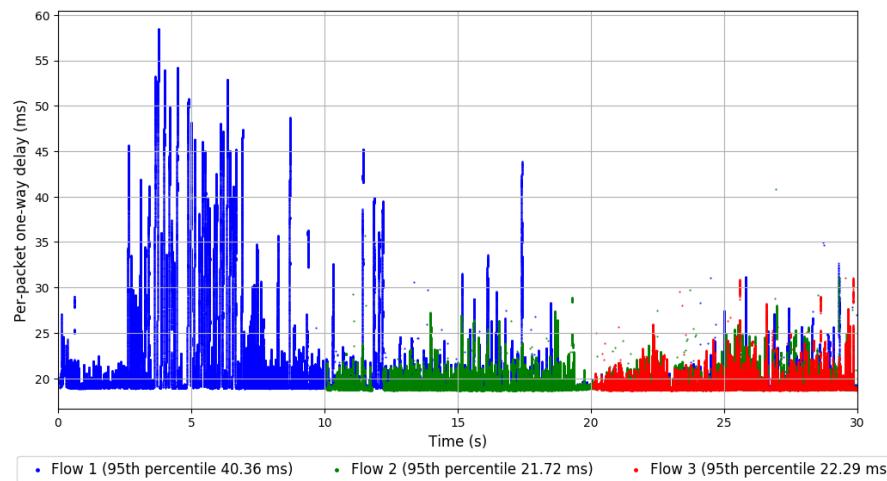
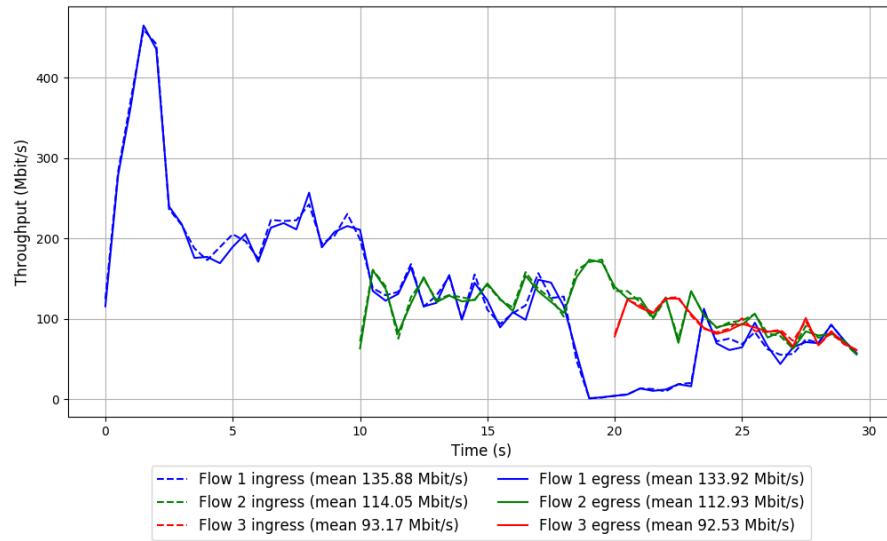


Run 6: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 06:17:28 +0000
End at: Sat, 29 Jul 2017 06:17:58 +0000
Local clock offset: 1.019 ms
Remote clock offset: -1.212 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:52:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.69 Mbit/s
95th percentile per-packet one-way delay: 33.685 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 133.92 Mbit/s
95th percentile per-packet one-way delay: 40.361 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 112.93 Mbit/s
95th percentile per-packet one-way delay: 21.719 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 22.287 ms
Loss rate: 0.72%
```

Run 6: Report of Verus — Data Link

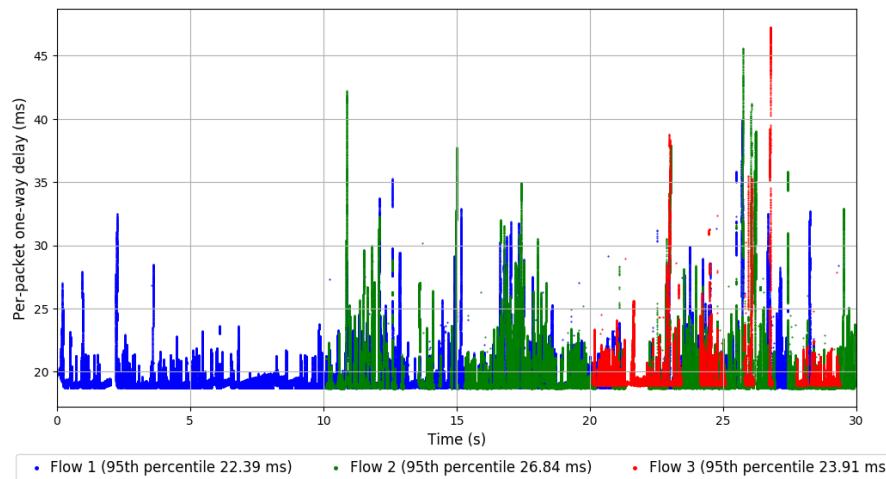
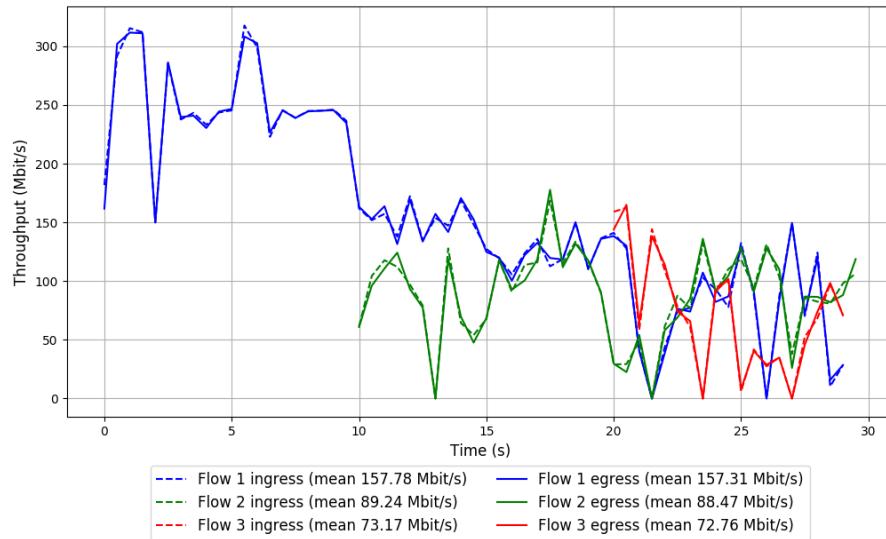


Run 7: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 06:38:15 +0000
End at: Sat, 29 Jul 2017 06:38:45 +0000
Local clock offset: 0.844 ms
Remote clock offset: -1.271 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 236.08 Mbit/s
95th percentile per-packet one-way delay: 23.692 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 157.31 Mbit/s
95th percentile per-packet one-way delay: 22.387 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 26.835 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 72.76 Mbit/s
95th percentile per-packet one-way delay: 23.909 ms
Loss rate: 0.56%
```

Run 7: Report of Verus — Data Link

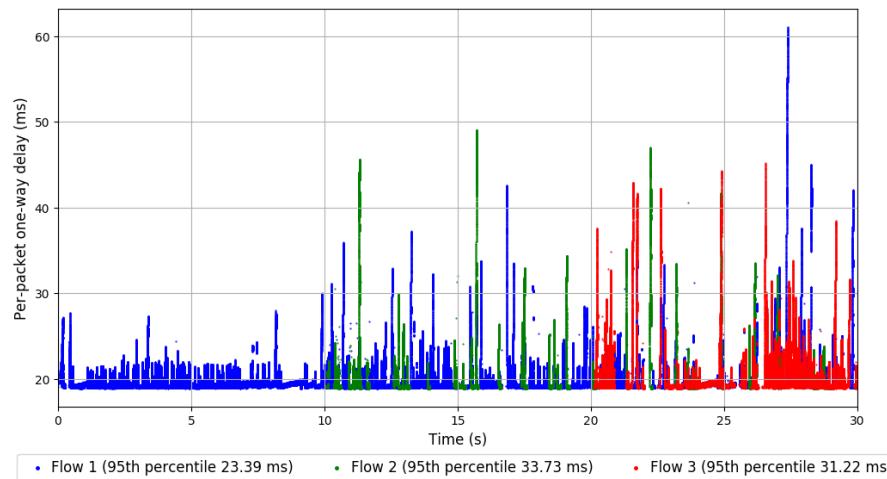
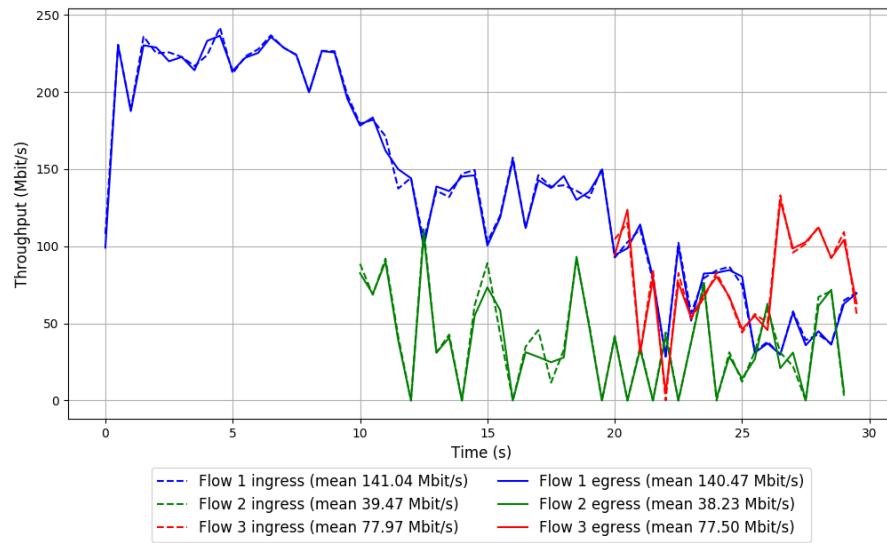


Run 8: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 06:58:54 +0000
End at: Sat, 29 Jul 2017 06:59:24 +0000
Local clock offset: 0.789 ms
Remote clock offset: -1.19 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 190.28 Mbit/s
95th percentile per-packet one-way delay: 26.526 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 140.47 Mbit/s
95th percentile per-packet one-way delay: 23.395 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 33.735 ms
Loss rate: 3.16%
-- Flow 3:
Average throughput: 77.50 Mbit/s
95th percentile per-packet one-way delay: 31.224 ms
Loss rate: 0.67%
```

Run 8: Report of Verus — Data Link

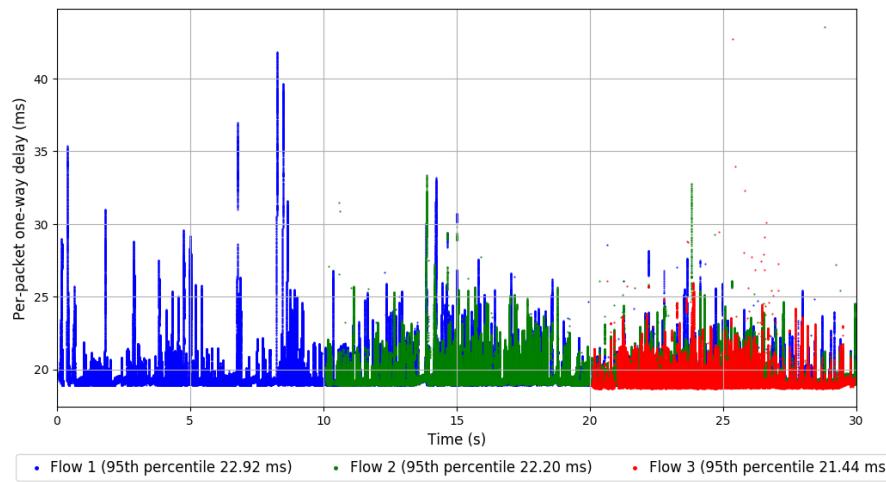
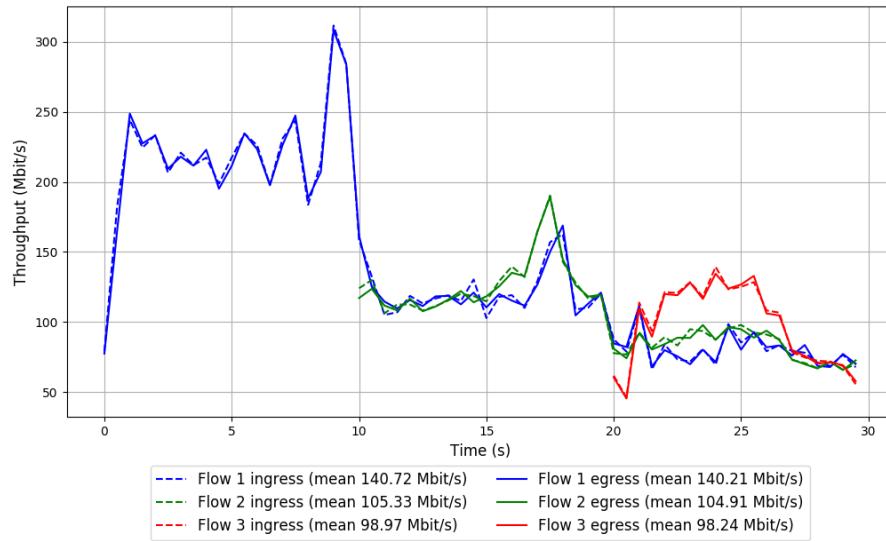


Run 9: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 07:19:24 +0000
End at: Sat, 29 Jul 2017 07:19:54 +0000
Local clock offset: 0.699 ms
Remote clock offset: -1.215 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 242.47 Mbit/s
95th percentile per-packet one-way delay: 22.417 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 140.21 Mbit/s
95th percentile per-packet one-way delay: 22.919 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 104.91 Mbit/s
95th percentile per-packet one-way delay: 22.202 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 98.24 Mbit/s
95th percentile per-packet one-way delay: 21.439 ms
Loss rate: 0.74%
```

Run 9: Report of Verus — Data Link

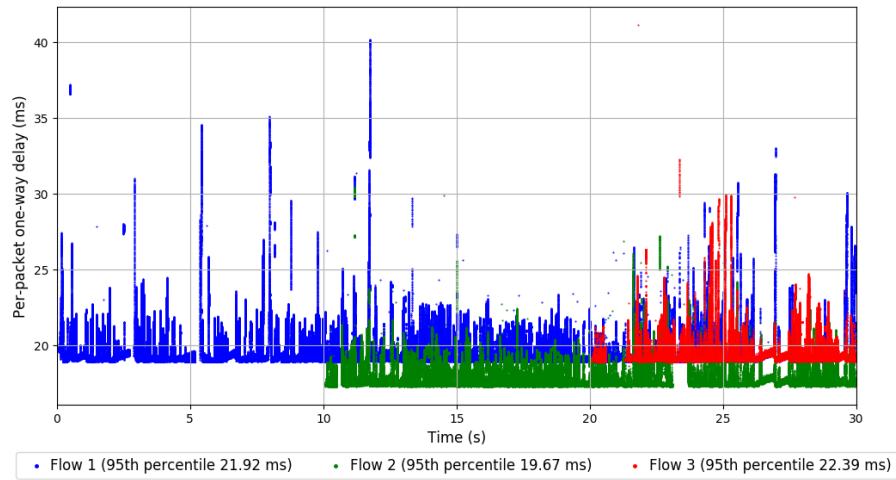
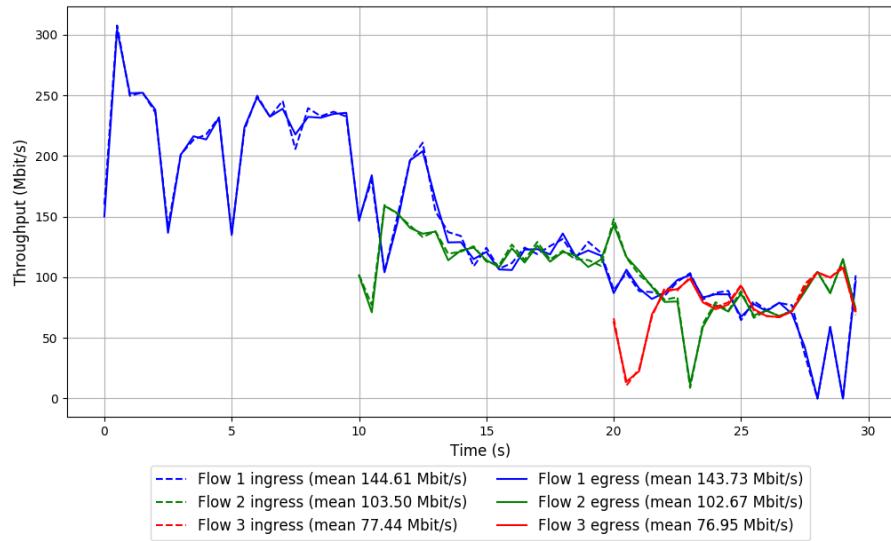


Run 10: Statistics of Verus

```
Start at: Sat, 29 Jul 2017 07:40:08 +0000
End at: Sat, 29 Jul 2017 07:40:38 +0000
Local clock offset: 0.682 ms
Remote clock offset: -1.221 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.51 Mbit/s
95th percentile per-packet one-way delay: 21.569 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 143.73 Mbit/s
95th percentile per-packet one-way delay: 21.924 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 19.668 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 76.95 Mbit/s
95th percentile per-packet one-way delay: 22.391 ms
Loss rate: 0.68%
```

Run 10: Report of Verus — Data Link

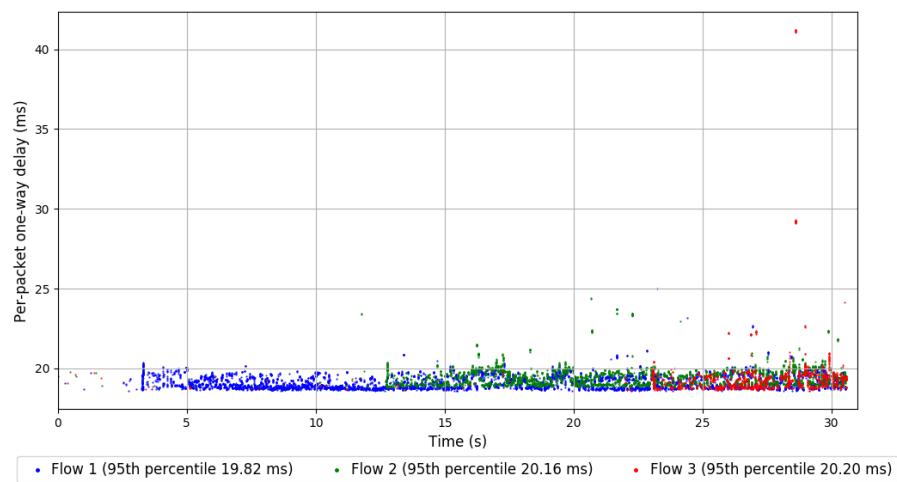
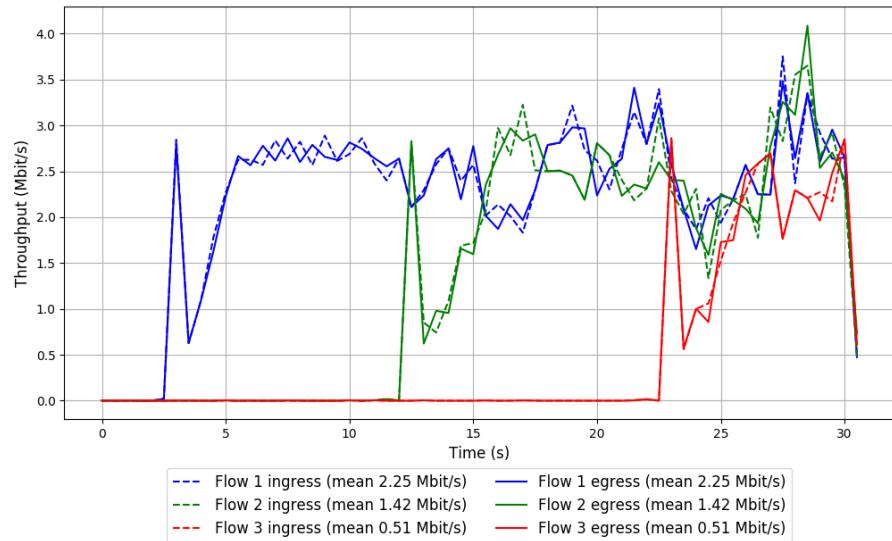


```
Run 1: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 04:23:39 +0000
End at: Sat, 29 Jul 2017 04:24:09 +0000
Local clock offset: -0.41 ms
Remote clock offset: -2.196 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 20.004 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 19.824 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 20.155 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 20.198 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

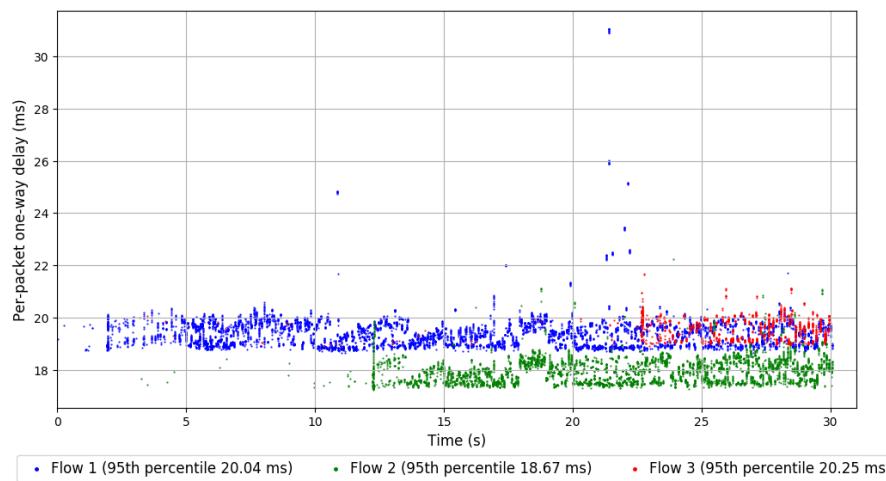
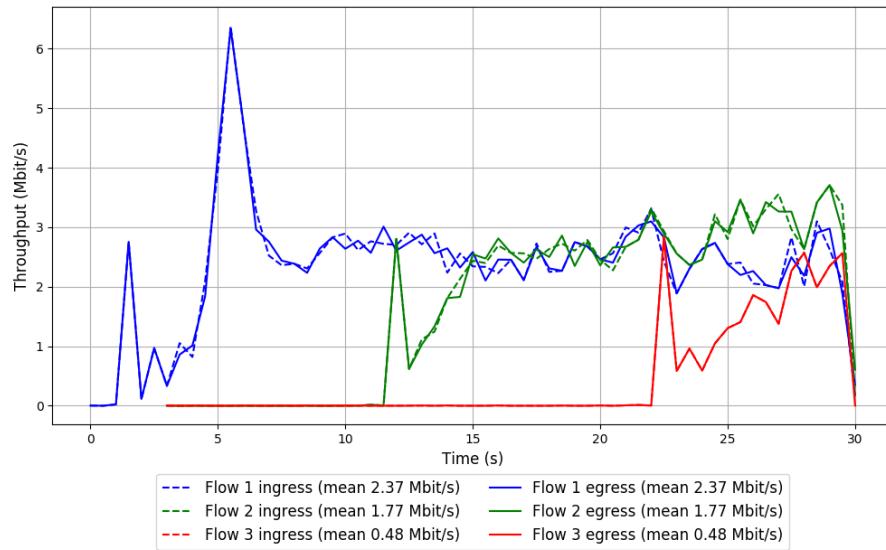


Run 2: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 04:44:31 +0000
End at: Sat, 29 Jul 2017 04:45:01 +0000
Local clock offset: -0.034 ms
Remote clock offset: -2.117 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 20.017 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 20.040 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 18.672 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 20.249 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

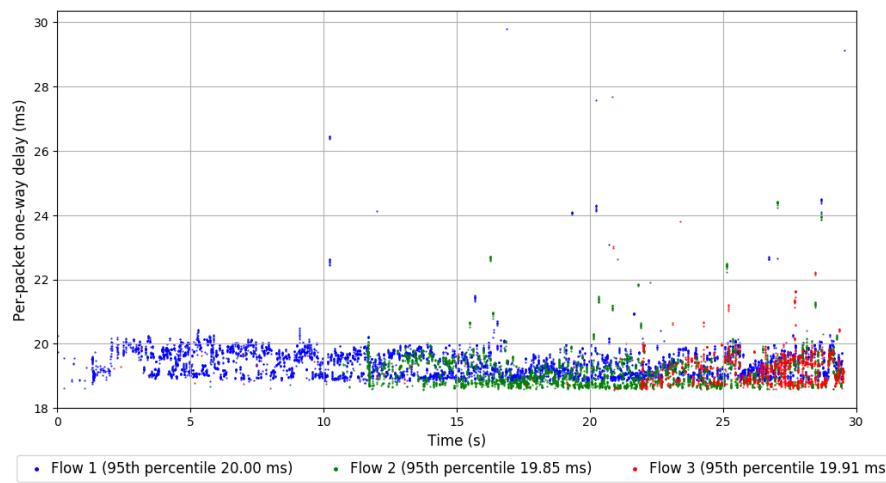
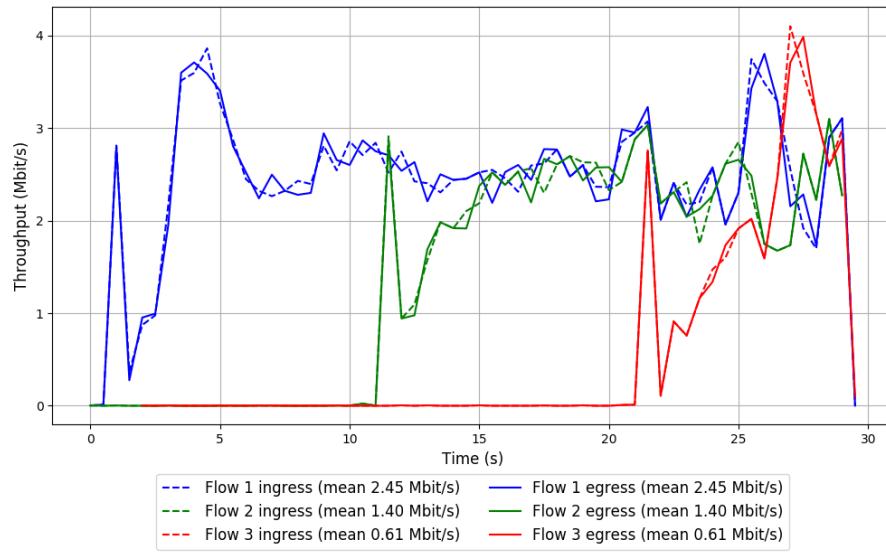


```
Run 3: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 05:05:11 +0000
End at: Sat, 29 Jul 2017 05:05:41 +0000
Local clock offset: 0.321 ms
Remote clock offset: -1.887 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:53:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 19.971 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 19.998 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 19.847 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 19.909 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

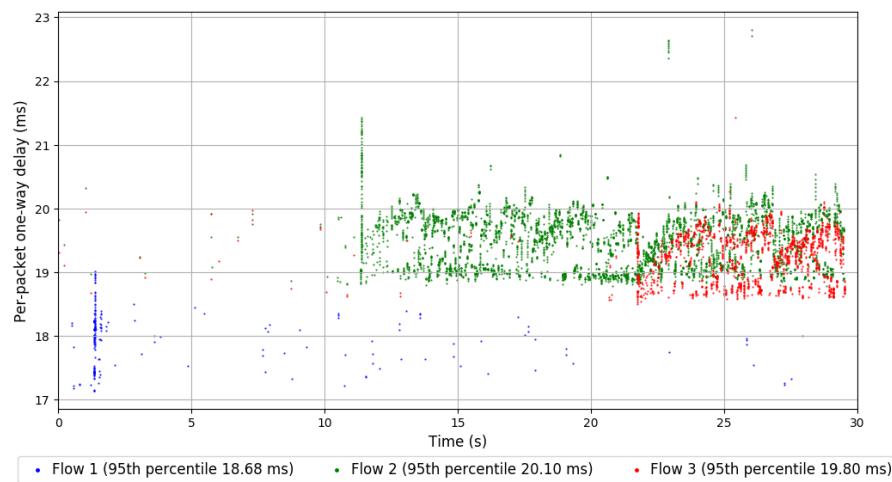
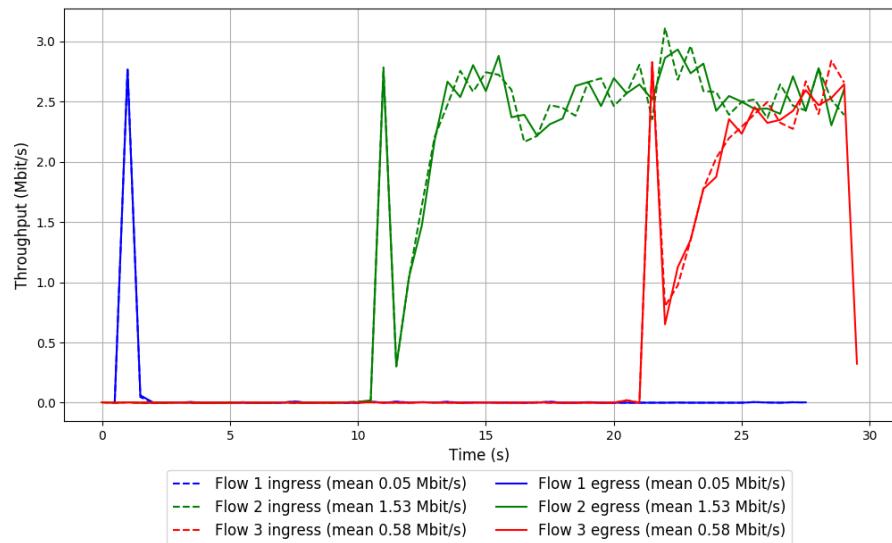


Run 4: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 05:26:00 +0000
End at: Sat, 29 Jul 2017 05:26:31 +0000
Local clock offset: 0.659 ms
Remote clock offset: -1.489 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 20.053 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 18.679 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 20.098 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 19.803 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

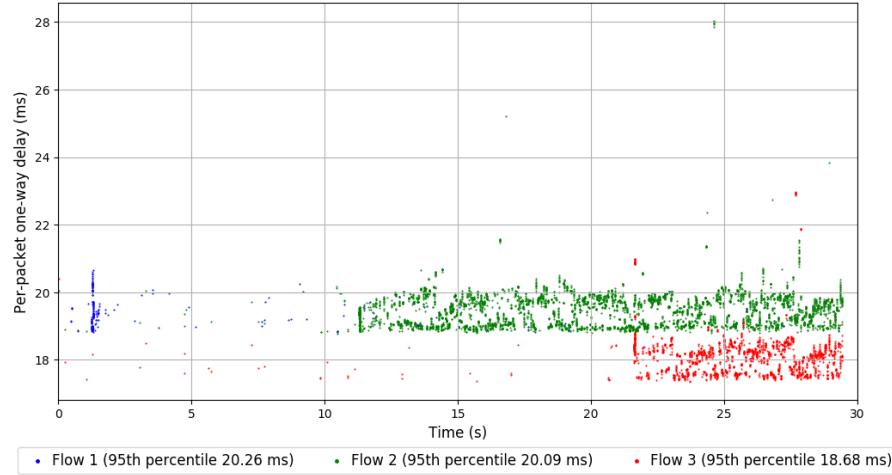
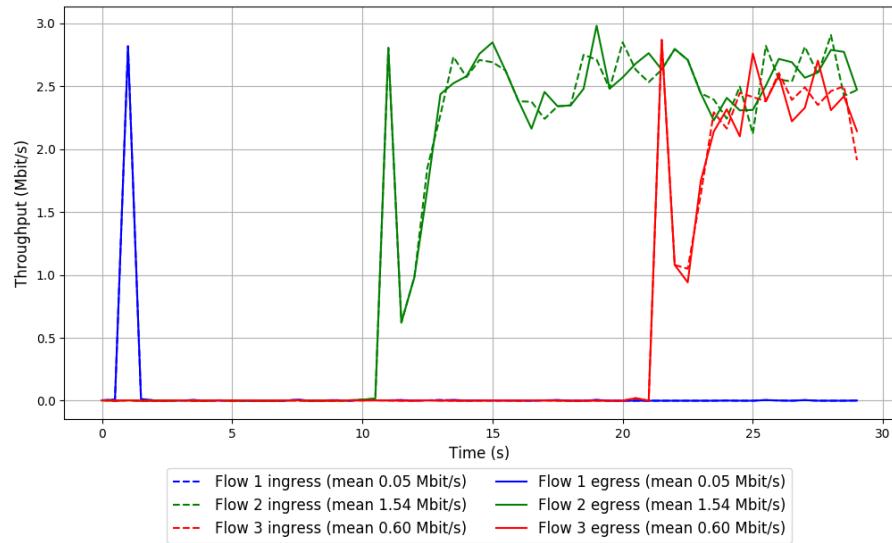


```
Run 5: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 05:46:47 +0000
End at: Sat, 29 Jul 2017 05:47:17 +0000
Local clock offset: 0.834 ms
Remote clock offset: -1.213 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 20.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.260 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 20.091 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 18.678 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

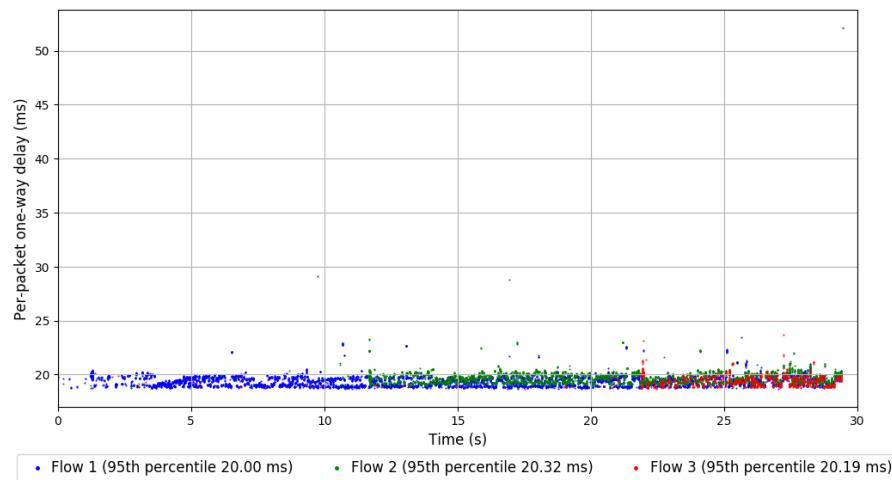
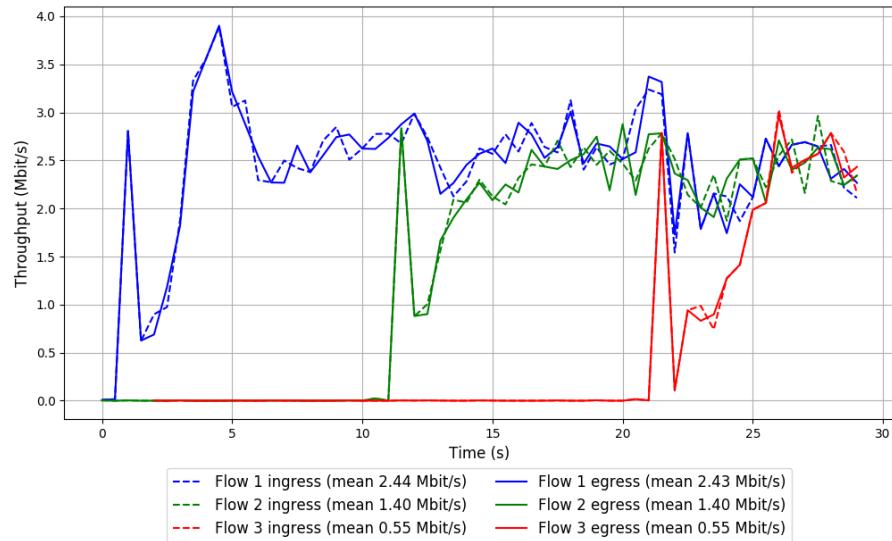


Run 6: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 06:07:33 +0000
End at: Sat, 29 Jul 2017 06:08:03 +0000
Local clock offset: 0.963 ms
Remote clock offset: -1.236 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 20.195 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 20.000 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 20.325 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 20.188 ms
Loss rate: 0.08%
```

Run 6: Report of WebRTC media — Data Link

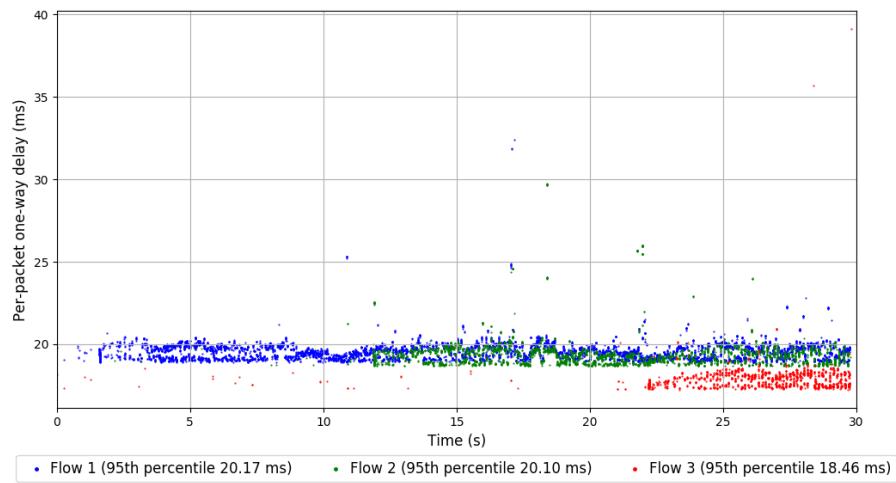
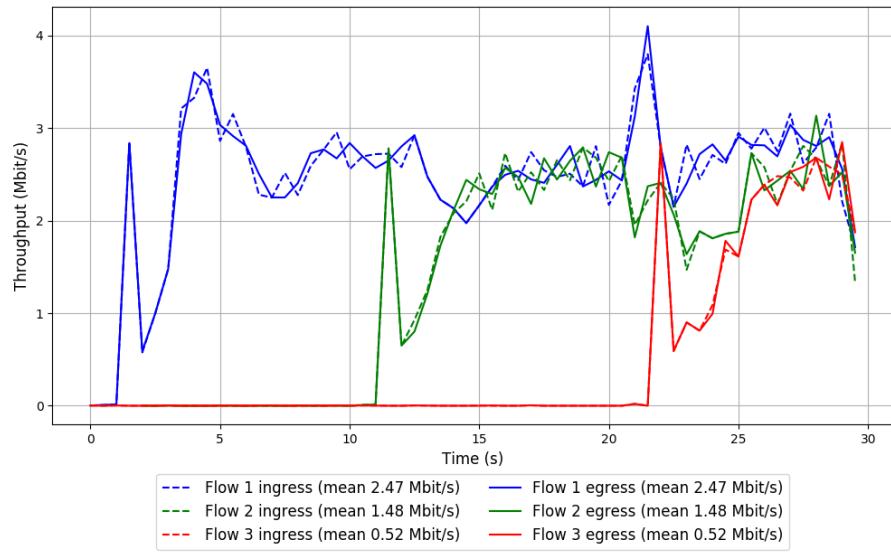


Run 7: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 06:28:21 +0000
End at: Sat, 29 Jul 2017 06:28:51 +0000
Local clock offset: 0.907 ms
Remote clock offset: -1.189 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 20.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 20.172 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 20.099 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 18.463 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

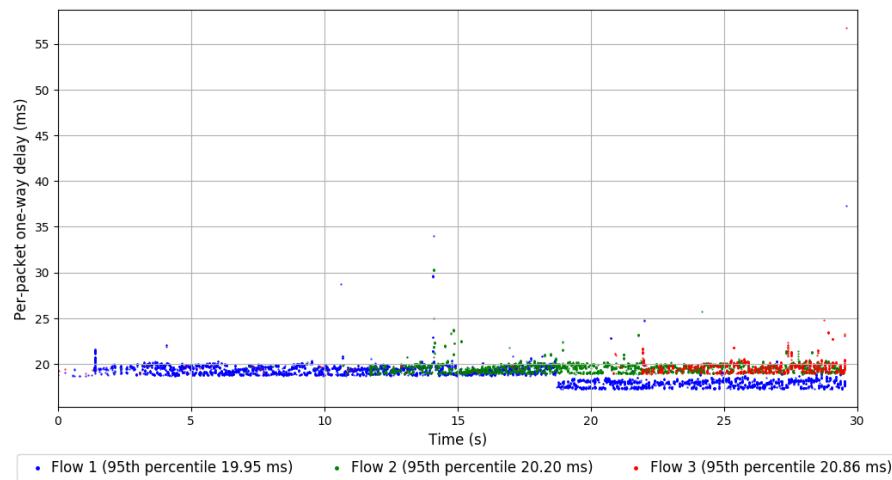
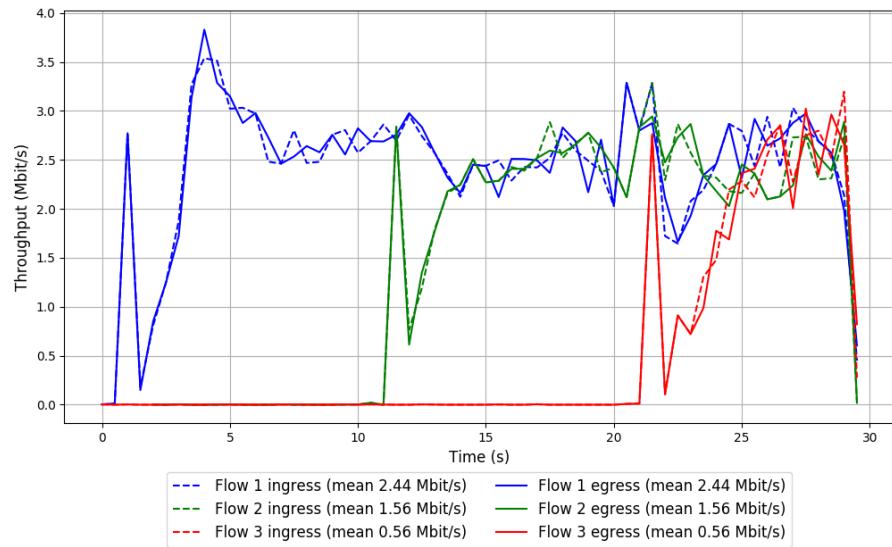


```
Run 8: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 06:49:03 +0000
End at: Sat, 29 Jul 2017 06:49:33 +0000
Local clock offset: 0.835 ms
Remote clock offset: -1.274 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 20.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 19.949 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 20.205 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 20.855 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

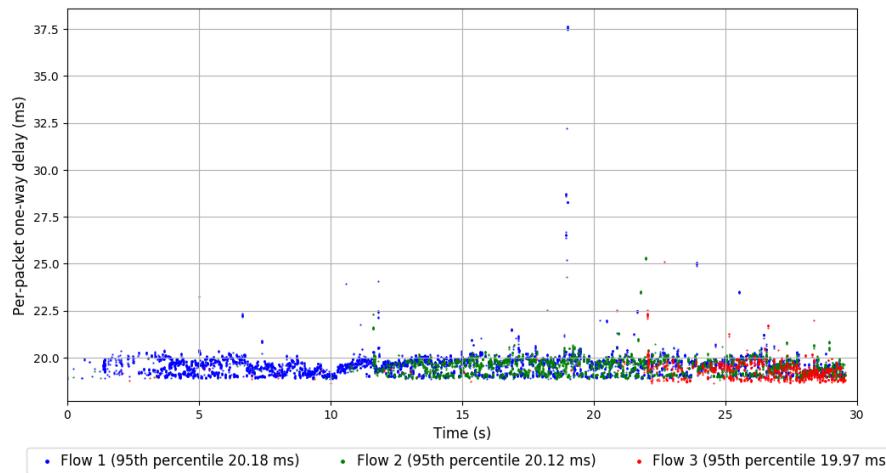
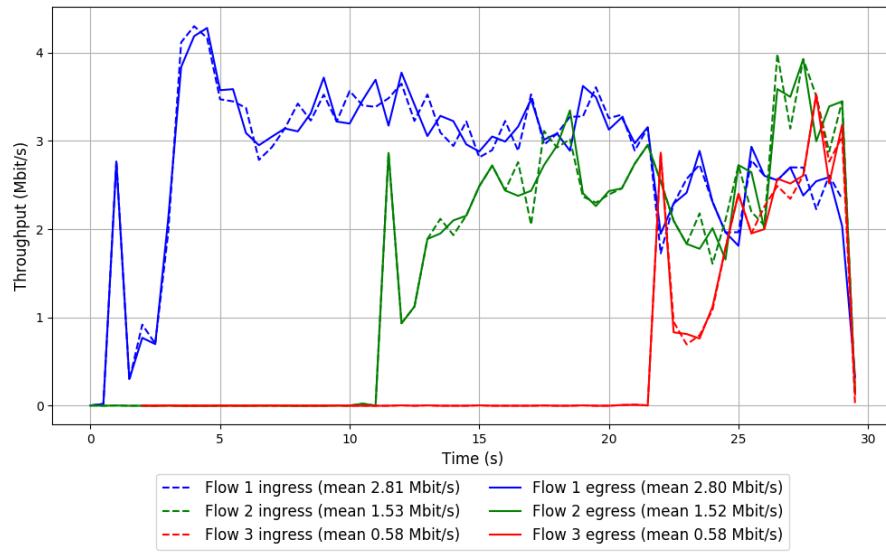


Run 9: Statistics of WebRTC media

```
Start at: Sat, 29 Jul 2017 07:09:38 +0000
End at: Sat, 29 Jul 2017 07:10:08 +0000
Local clock offset: 0.842 ms
Remote clock offset: -1.057 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.86 Mbit/s
95th percentile per-packet one-way delay: 20.146 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 20.176 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 20.118 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 19.969 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Sat, 29 Jul 2017 07:30:16 +0000
End at: Sat, 29 Jul 2017 07:30:46 +0000
Local clock offset: 0.745 ms
Remote clock offset: -1.298 ms

# Below is generated by plot.py at Sat, 29 Jul 2017 13:54:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 20.093 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 20.202 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 20.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 20.089 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

