

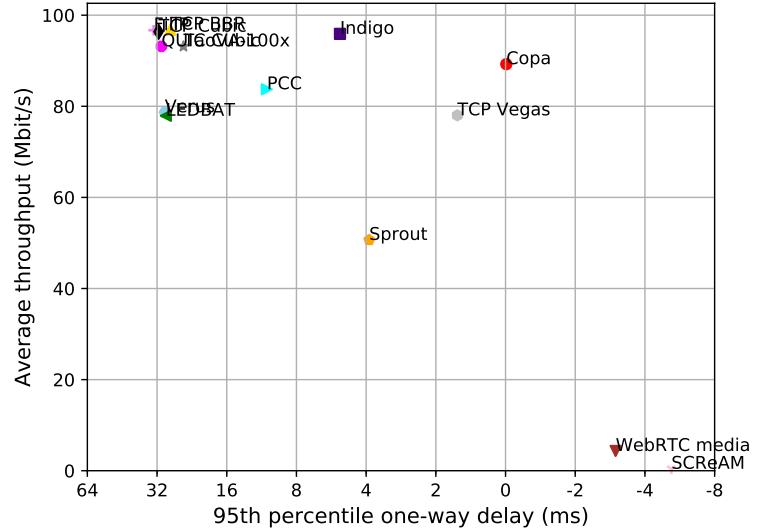
Pantheon Report

Generated at 2018-01-02 14:01:14 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
Repeated the test of 14 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

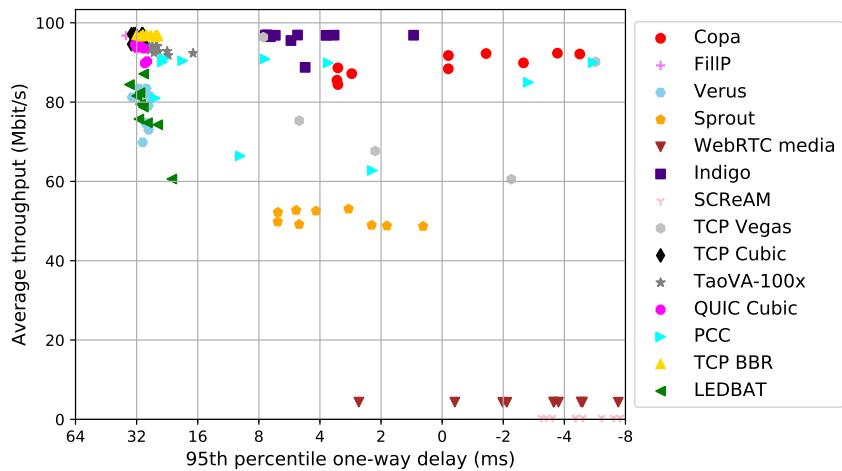
Git summary:

```
branch: master @ 904a5750834816b1e46a2c86405d707788d27c16
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ dcaef6b00654e660f73f7ed679d2eab61ce08639
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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 India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



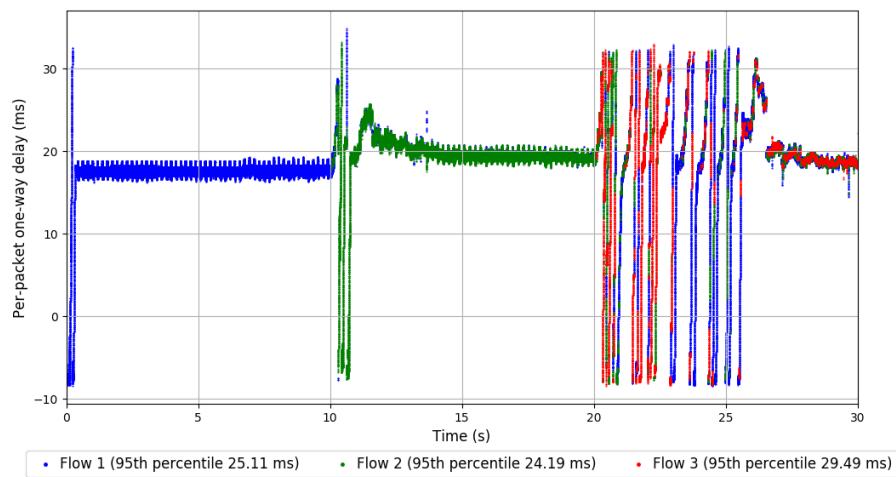
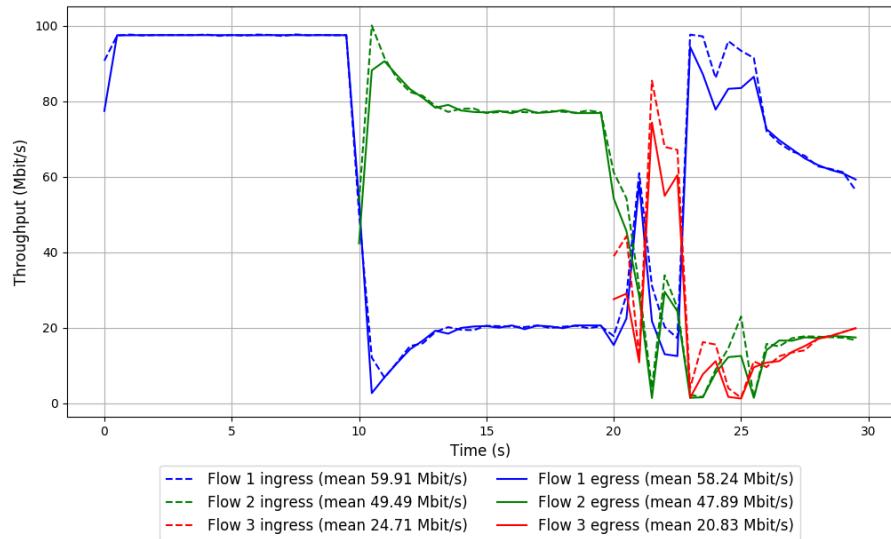
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	52.71	50.45	32.28	26.39	28.01	30.67	3.70	5.79	14.24
TCP Cubic		67.14	31.44	25.34	31.52	31.45	31.24	0.93	0.77	0.71
LEDBAT		48.37	32.12	24.73	29.03	28.86	29.38	0.34	0.57	0.80
PCC		63.98	25.04	9.46	9.64	12.36	13.05	0.62	0.64	0.51
QUIC Cubic		64.67	32.70	20.77	30.53	30.71	30.70	1.55	1.98	2.21
SCReAM		0.21	0.21	0.22	-5.23	-5.15	-5.03	0.00	0.00	0.00
WebRTC media		2.33	1.47	0.54	-3.18	-2.85	-2.85	0.00	0.01	0.00
Sprout		24.42	24.42	24.17	3.72	4.00	3.37	0.00	0.00	0.00
TaoVA-100x		58.54	39.26	33.15	21.54	25.75	28.39	3.62	7.72	17.28
TCP Vegas		25.54	57.31	42.81	1616.58	0.43	-4.38	0.08	0.00	0.00
Verus		50.70	32.47	23.49	29.29	29.71	29.29	27.39	32.88	39.75
Copa		56.62	37.80	29.52	0.01	-0.39	-0.26	0.00	0.01	0.00
FillP		50.49	41.67	56.25	32.96	33.17	33.44	25.52	30.73	33.80
Indigo		58.85	36.19	39.75	4.06	5.87	9.09	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2018-01-02 10:33:06
End at: 2018-01-02 10:33:36
Local clock offset: 2.387 ms
Remote clock offset: -15.371 ms

# Below is generated by plot.py at 2018-01-02 13:40:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 25.615 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 25.114 ms
Loss rate: 2.70%
-- Flow 2:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 24.194 ms
Loss rate: 3.20%
-- Flow 3:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 29.491 ms
Loss rate: 15.70%
```

Run 1: Report of TCP BBR — Data Link

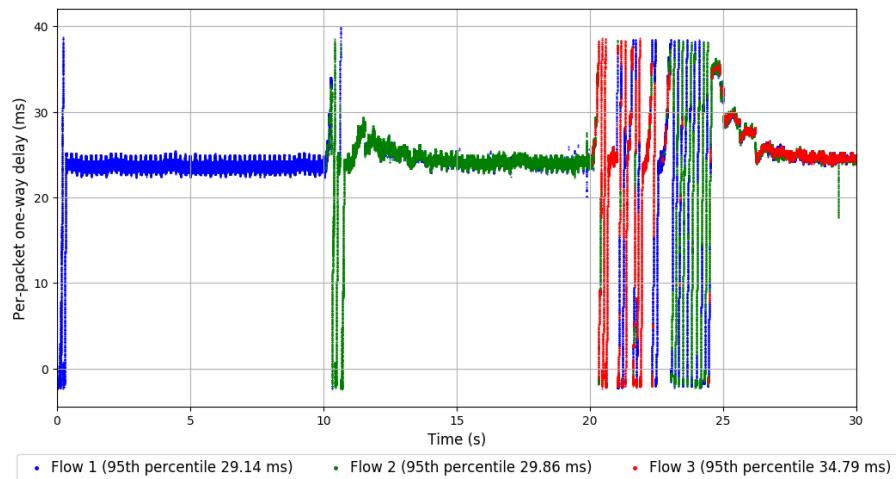
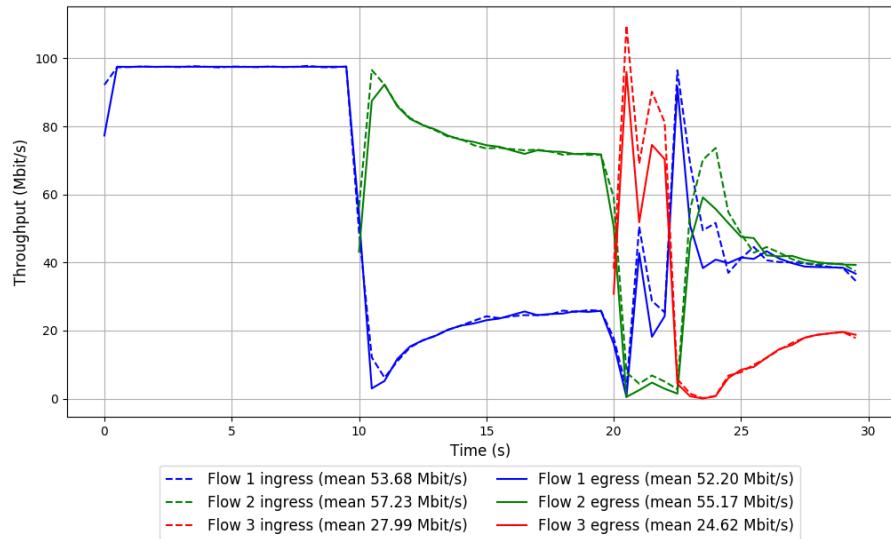


Run 2: Statistics of TCP BBR

```
Start at: 2018-01-02 10:50:47
End at: 2018-01-02 10:51:17
Local clock offset: -2.363 ms
Remote clock offset: -14.41 ms

# Below is generated by plot.py at 2018-01-02 13:40:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 29.832 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 52.20 Mbit/s
95th percentile per-packet one-way delay: 29.142 ms
Loss rate: 2.67%
-- Flow 2:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 29.860 ms
Loss rate: 3.59%
-- Flow 3:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 34.786 ms
Loss rate: 12.04%
```

Run 2: Report of TCP BBR — Data Link

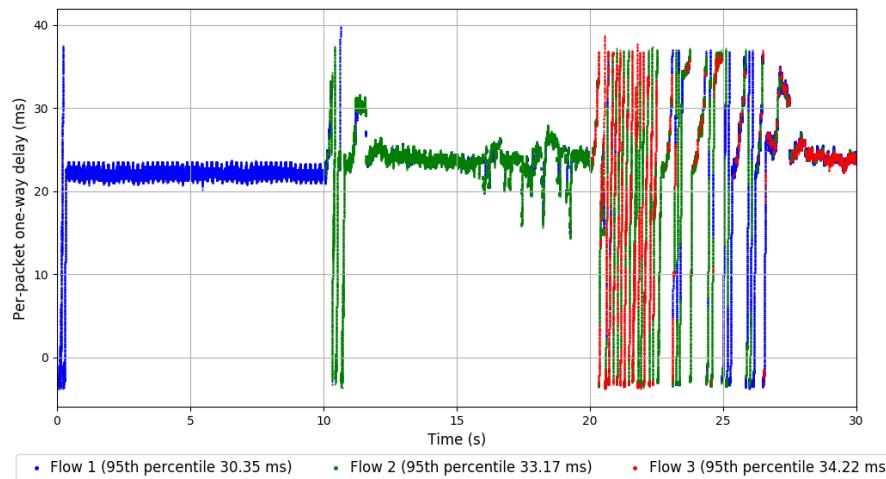
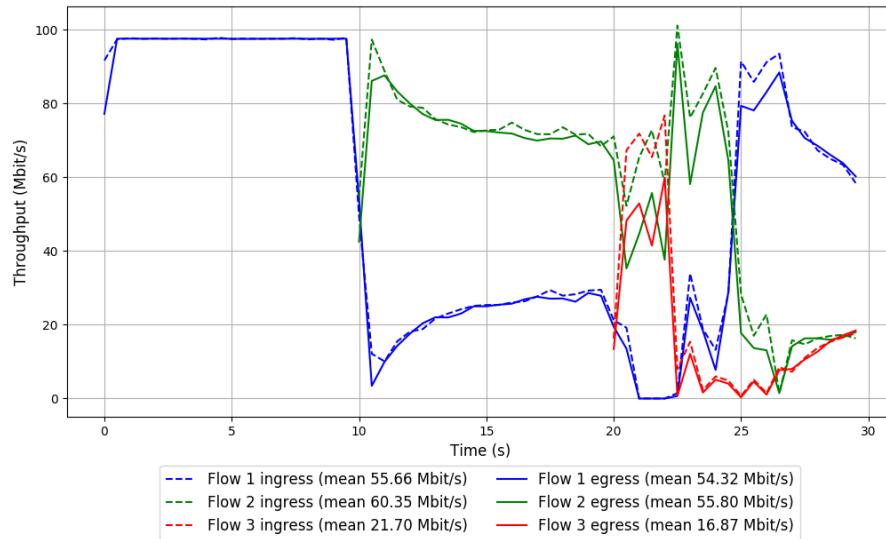


Run 3: Statistics of TCP BBR

```
Start at: 2018-01-02 11:08:42
End at: 2018-01-02 11:09:12
Local clock offset: -2.142 ms
Remote clock offset: -15.405 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 32.003 ms
Loss rate: 5.75%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 30.347 ms
Loss rate: 2.32%
-- Flow 2:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 33.167 ms
Loss rate: 7.54%
-- Flow 3:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 34.224 ms
Loss rate: 22.25%
```

Run 3: Report of TCP BBR — Data Link

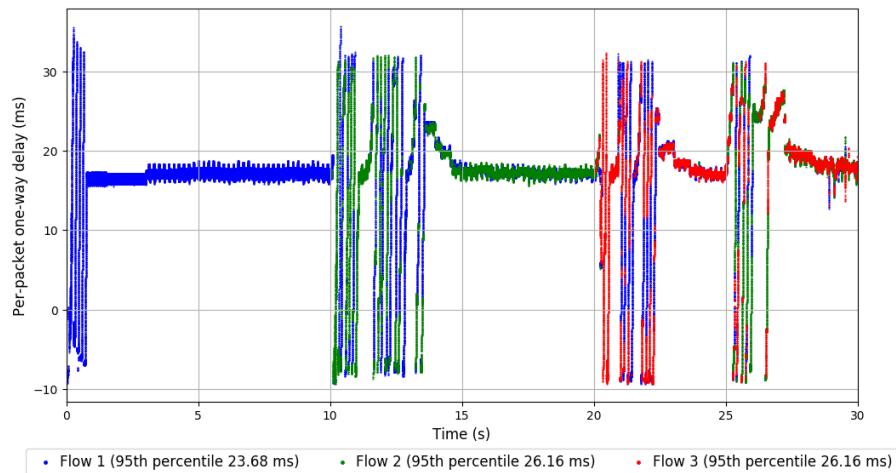
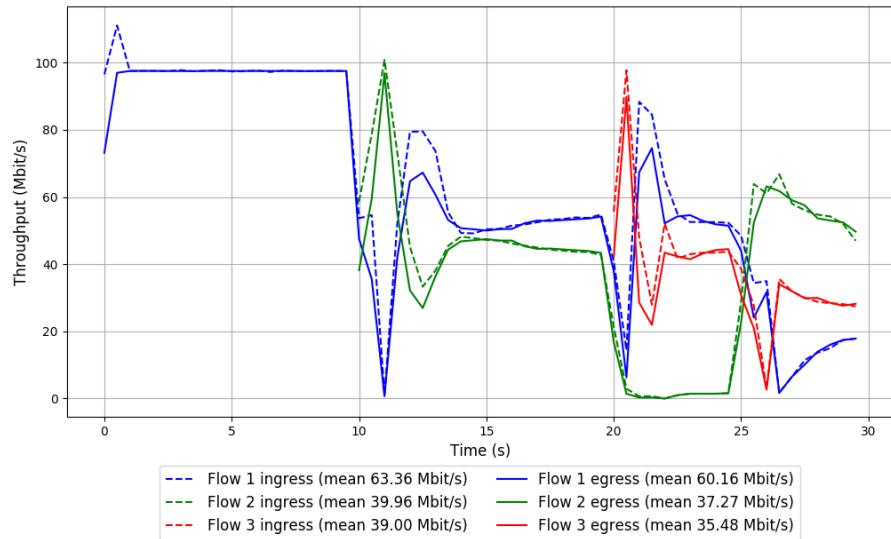


Run 4: Statistics of TCP BBR

```
Start at: 2018-01-02 11:26:25
End at: 2018-01-02 11:26:55
Local clock offset: 1.874 ms
Remote clock offset: -16.908 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 25.129 ms
Loss rate: 5.93%
-- Flow 1:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 23.675 ms
Loss rate: 4.96%
-- Flow 2:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 26.159 ms
Loss rate: 6.74%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 26.160 ms
Loss rate: 9.01%
```

Run 4: Report of TCP BBR — Data Link

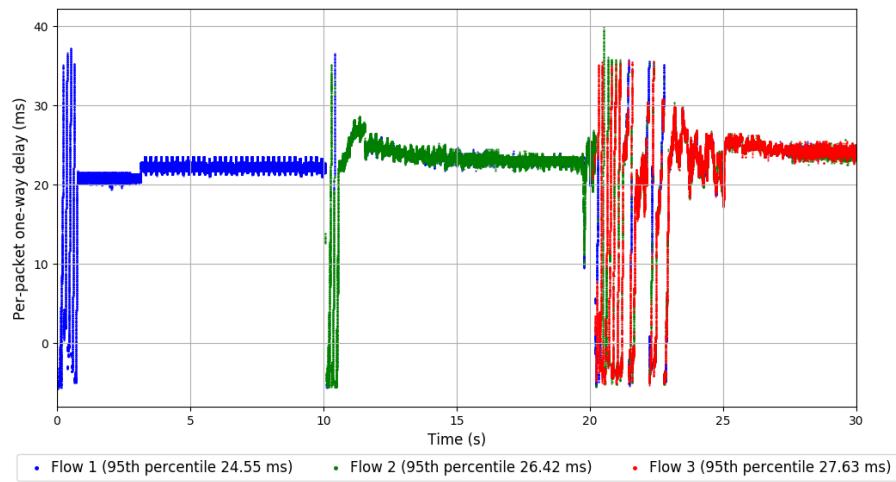
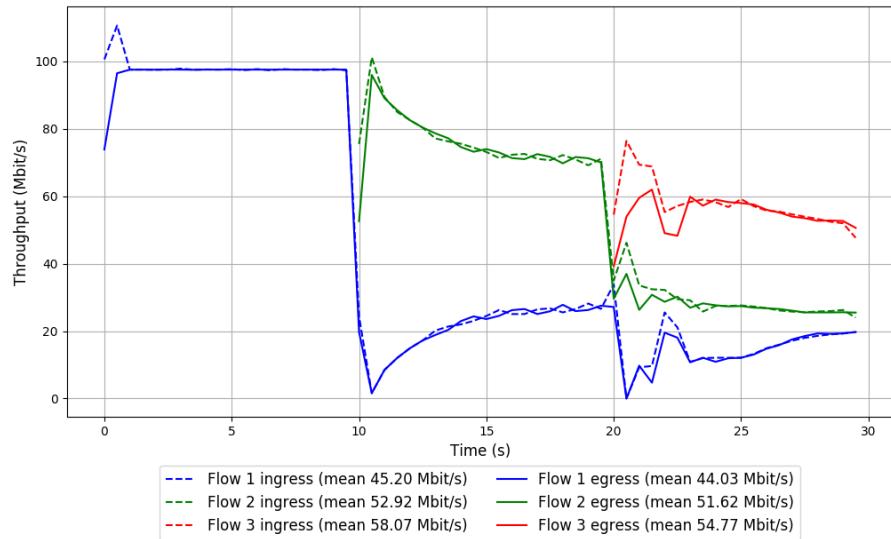


Run 5: Statistics of TCP BBR

```
Start at: 2018-01-02 11:44:01
End at: 2018-01-02 11:44:31
Local clock offset: -3.029 ms
Remote clock offset: -17.253 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 25.905 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 44.03 Mbit/s
95th percentile per-packet one-way delay: 24.548 ms
Loss rate: 2.50%
-- Flow 2:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 26.416 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 27.634 ms
Loss rate: 5.71%
```

Run 5: Report of TCP BBR — Data Link

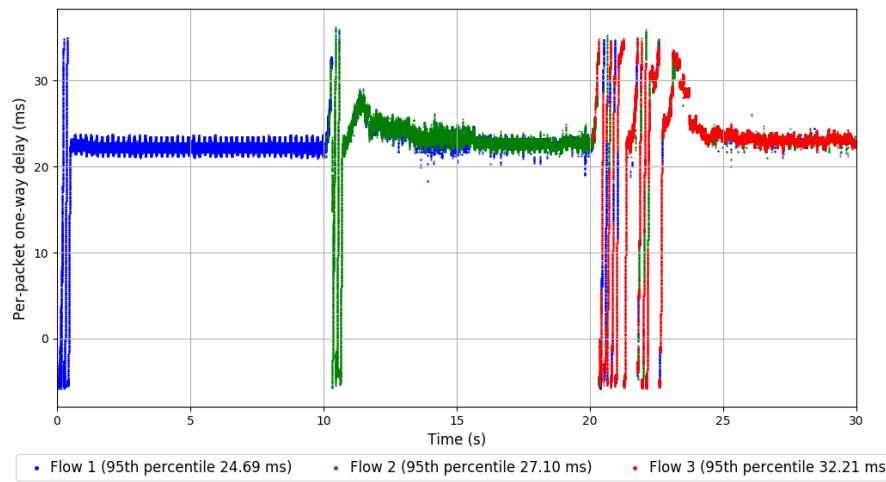
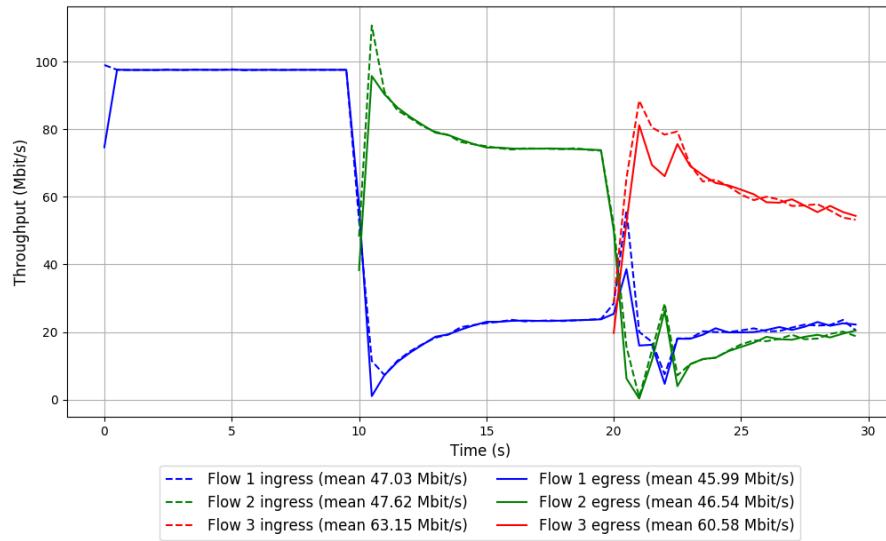


Run 6: Statistics of TCP BBR

```
Start at: 2018-01-02 12:01:40
End at: 2018-01-02 12:02:10
Local clock offset: -1.995 ms
Remote clock offset: -16.709 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 28.612 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 45.99 Mbit/s
95th percentile per-packet one-way delay: 24.686 ms
Loss rate: 2.12%
-- Flow 2:
Average throughput: 46.54 Mbit/s
95th percentile per-packet one-way delay: 27.103 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 60.58 Mbit/s
95th percentile per-packet one-way delay: 32.211 ms
Loss rate: 4.06%
```

Run 6: Report of TCP BBR — Data Link

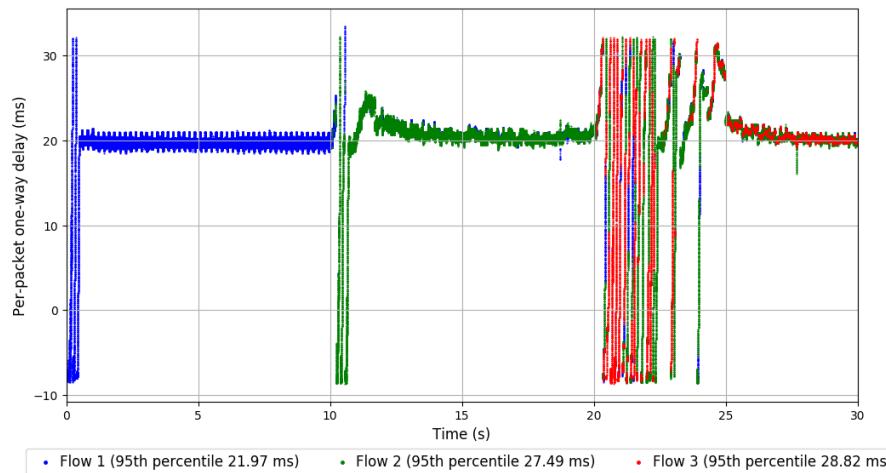
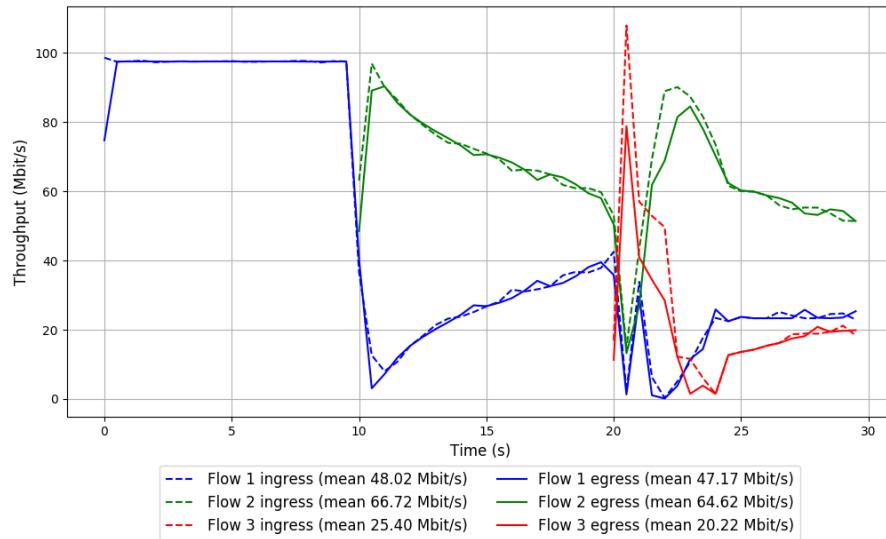


Run 7: Statistics of TCP BBR

```
Start at: 2018-01-02 12:19:26
End at: 2018-01-02 12:19:56
Local clock offset: -0.985 ms
Remote clock offset: -18.752 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 25.812 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 21.966 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 27.491 ms
Loss rate: 3.15%
-- Flow 3:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 28.824 ms
Loss rate: 20.41%
```

Run 7: Report of TCP BBR — Data Link

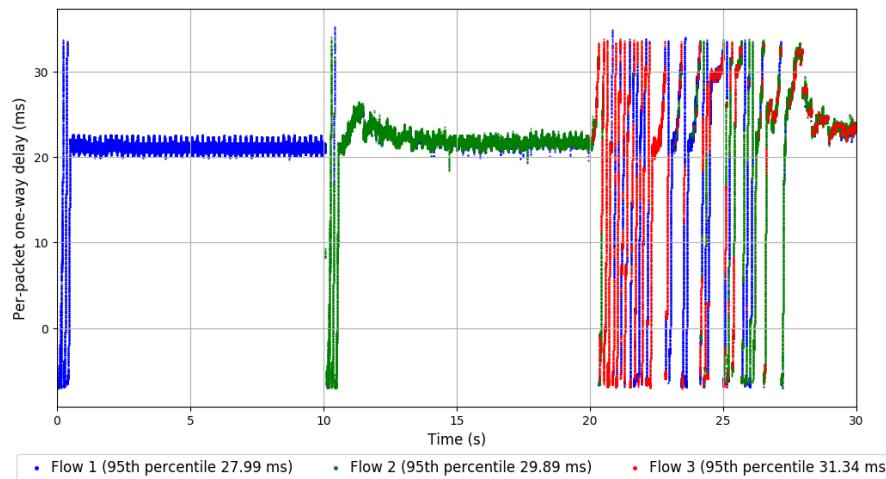
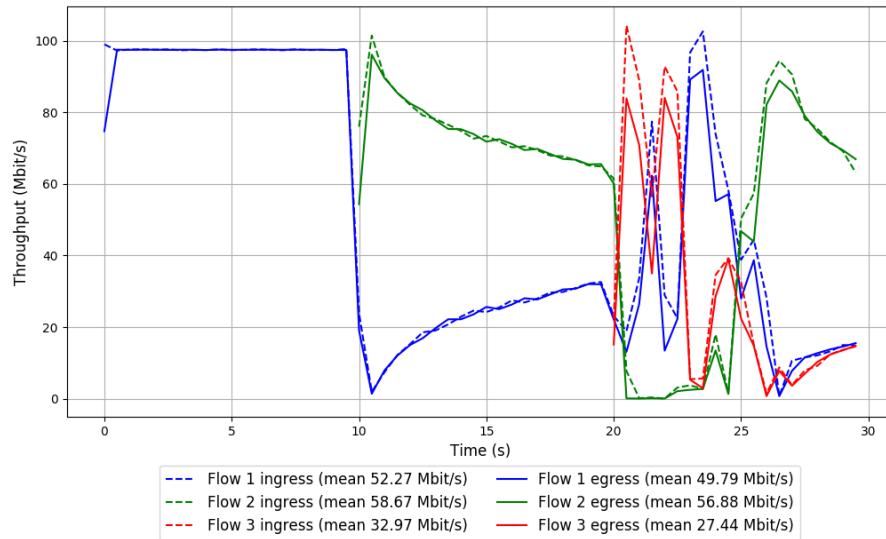


Run 8: Statistics of TCP BBR

```
Start at: 2018-01-02 12:37:00
End at: 2018-01-02 12:37:30
Local clock offset: -1.605 ms
Remote clock offset: -16.43 ms

# Below is generated by plot.py at 2018-01-02 13:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 29.626 ms
Loss rate: 5.33%
-- Flow 1:
Average throughput: 49.79 Mbit/s
95th percentile per-packet one-way delay: 27.989 ms
Loss rate: 4.65%
-- Flow 2:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 29.895 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 31.335 ms
Loss rate: 16.78%
```

Run 8: Report of TCP BBR — Data Link

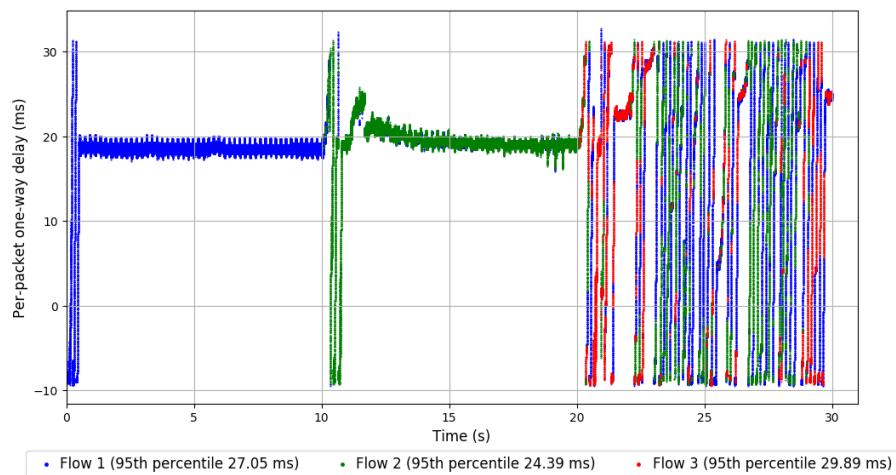
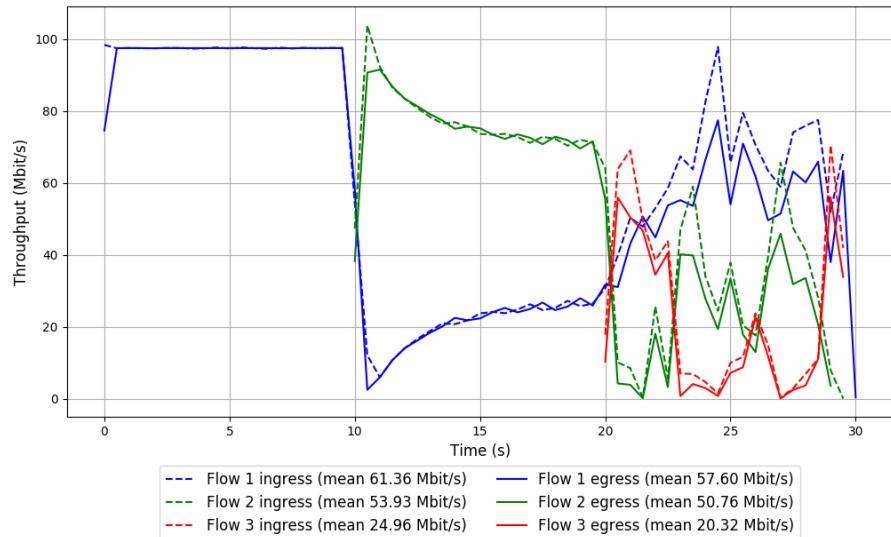


Run 9: Statistics of TCP BBR

```
Start at: 2018-01-02 12:54:44
End at: 2018-01-02 12:55:14
Local clock offset: 0.909 ms
Remote clock offset: -14.632 ms

# Below is generated by plot.py at 2018-01-02 13:41:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 27.295 ms
Loss rate: 7.51%
-- Flow 1:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 27.050 ms
Loss rate: 6.03%
-- Flow 2:
Average throughput: 50.76 Mbit/s
95th percentile per-packet one-way delay: 24.393 ms
Loss rate: 7.52%
-- Flow 3:
Average throughput: 20.32 Mbit/s
95th percentile per-packet one-way delay: 29.888 ms
Loss rate: 18.53%
```

Run 9: Report of TCP BBR — Data Link

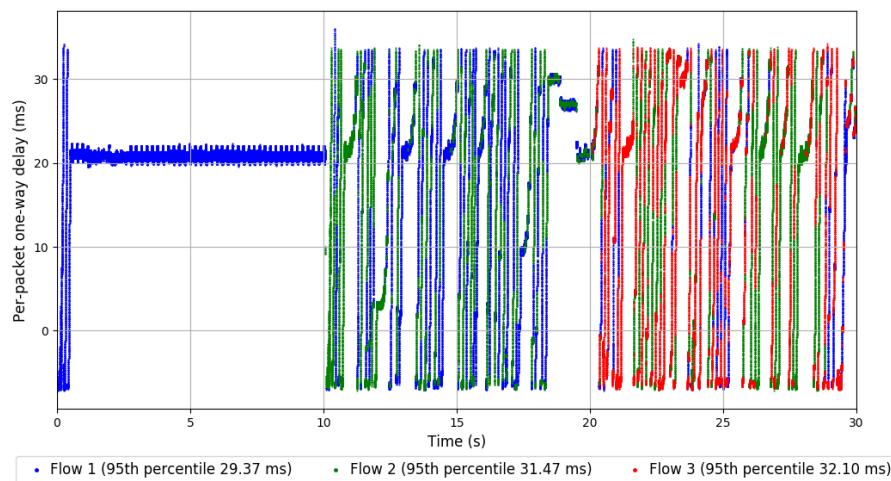
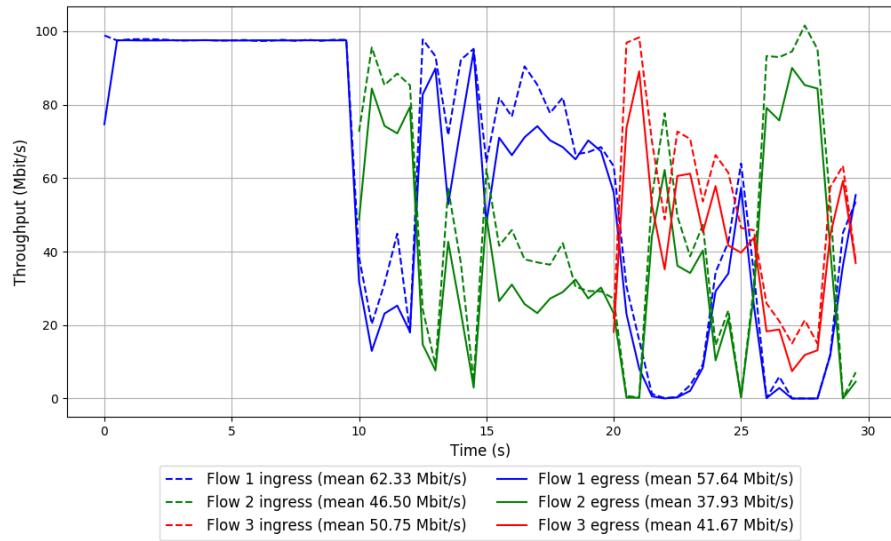


Run 10: Statistics of TCP BBR

```
Start at: 2018-01-02 13:12:30
End at: 2018-01-02 13:13:00
Local clock offset: -1.016 ms
Remote clock offset: -13.224 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 30.578 ms
Loss rate: 12.11%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 29.369 ms
Loss rate: 7.42%
-- Flow 2:
Average throughput: 37.93 Mbit/s
95th percentile per-packet one-way delay: 31.469 ms
Loss rate: 18.41%
-- Flow 3:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 32.104 ms
Loss rate: 17.87%
```

Run 10: Report of TCP BBR — Data Link

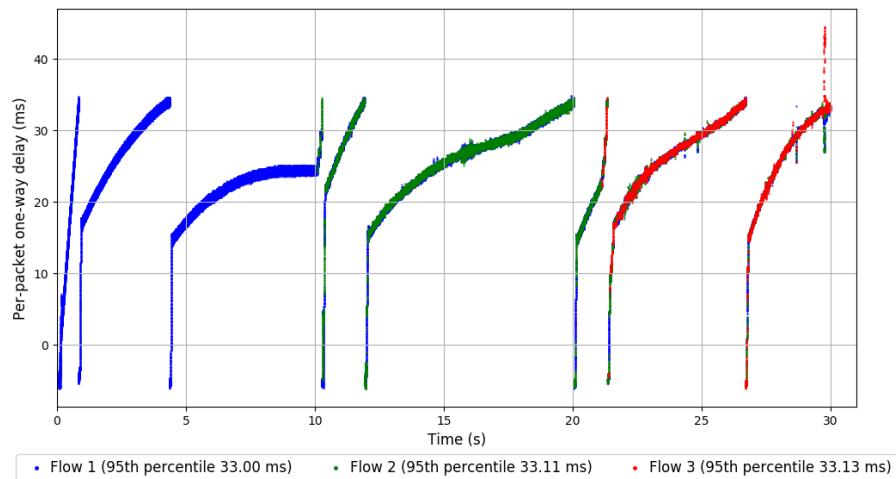
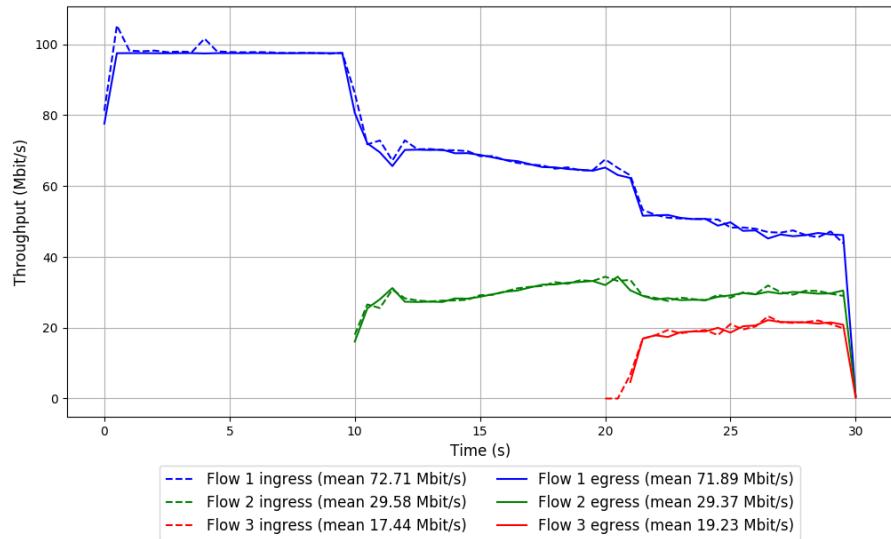


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-01-02 10:26:02
End at: 2018-01-02 10:26:32
Local clock offset: 0.594 ms
Remote clock offset: -14.935 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 33.078 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 71.89 Mbit/s
95th percentile per-packet one-way delay: 33.000 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 33.110 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 33.127 ms
Loss rate: 0.95%
```

Run 1: Report of TCP Cubic — Data Link

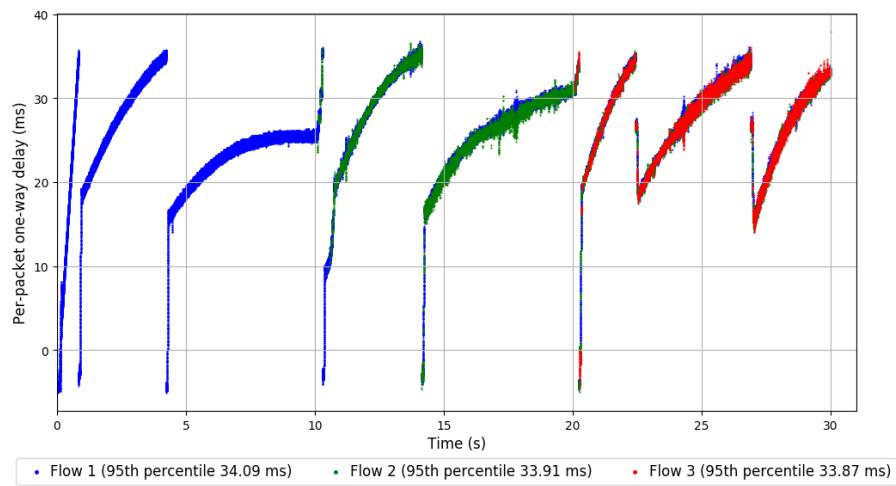
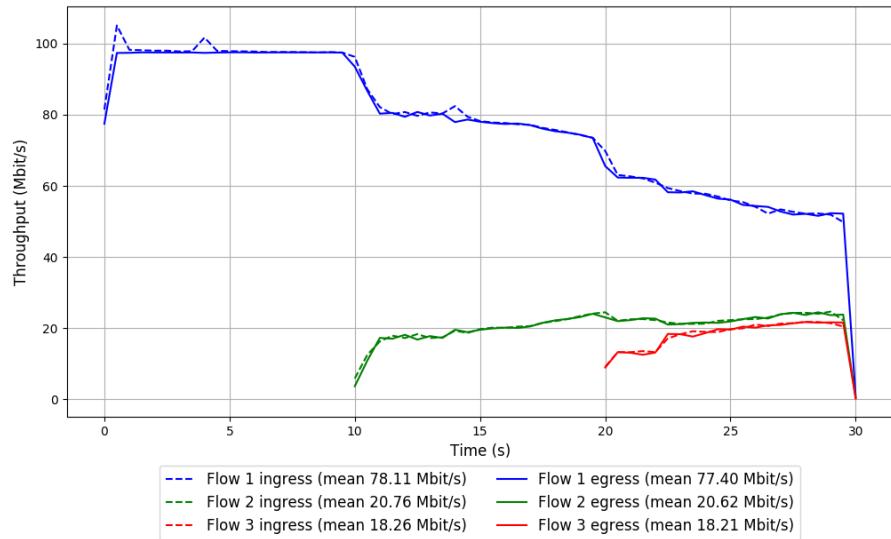


Run 2: Statistics of TCP Cubic

```
Start at: 2018-01-02 10:43:46
End at: 2018-01-02 10:44:16
Local clock offset: -1.739 ms
Remote clock offset: -16.004 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 33.930 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 34.086 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 33.913 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 33.867 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Cubic — Data Link

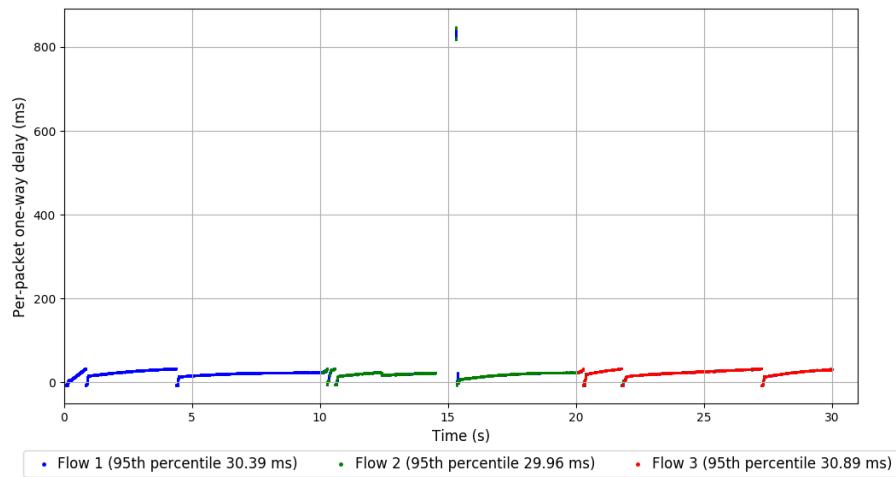
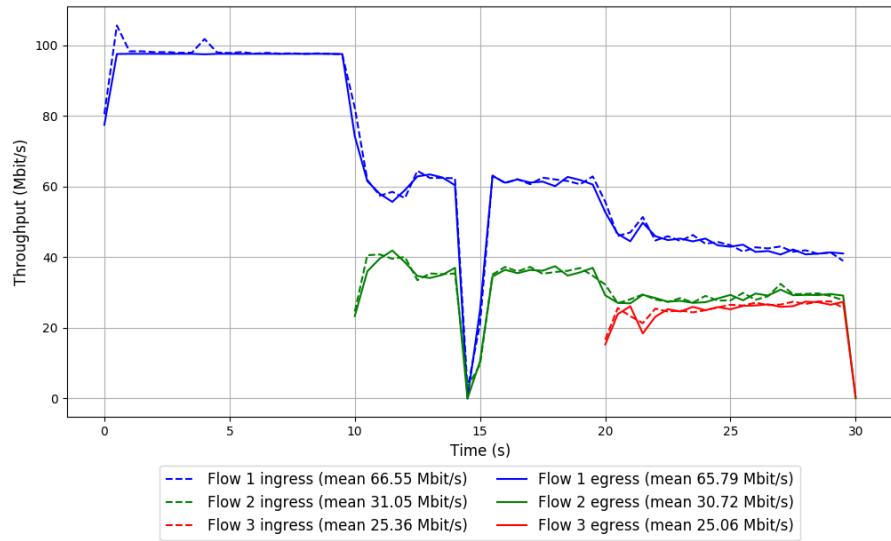


Run 3: Statistics of TCP Cubic

```
Start at: 2018-01-02 11:01:36
End at: 2018-01-02 11:02:06
Local clock offset: 2.461 ms
Remote clock offset: -15.505 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 30.383 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 65.79 Mbit/s
95th percentile per-packet one-way delay: 30.390 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 29.956 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 25.06 Mbit/s
95th percentile per-packet one-way delay: 30.888 ms
Loss rate: 1.14%
```

Run 3: Report of TCP Cubic — Data Link

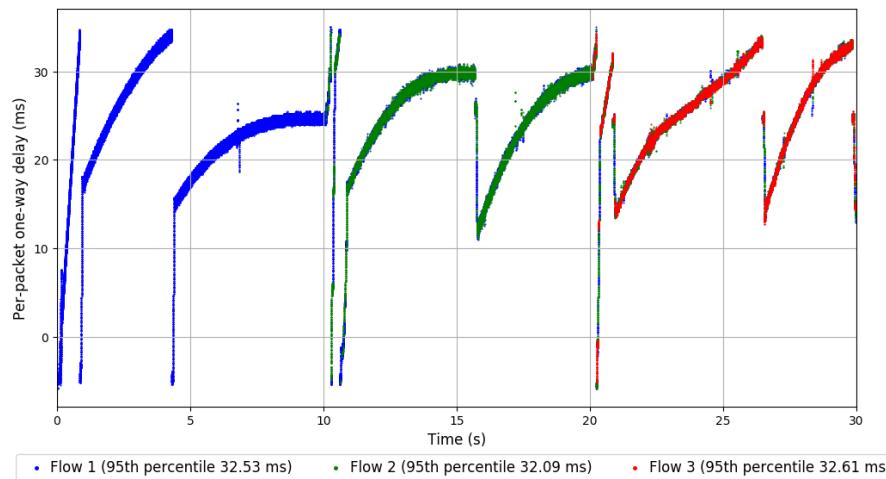
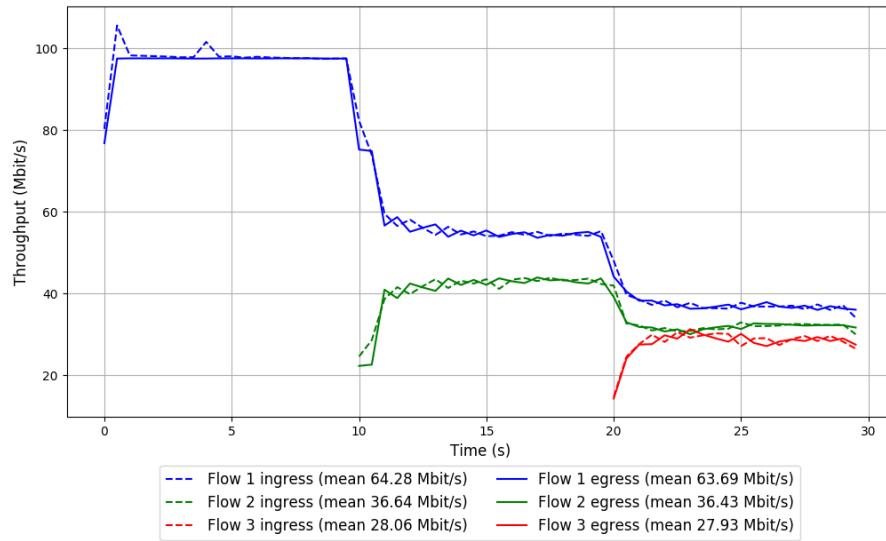


Run 4: Statistics of TCP Cubic

```
Start at: 2018-01-02 11:19:22
End at: 2018-01-02 11:19:52
Local clock offset: -1.263 ms
Remote clock offset: -16.825 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 32.363 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 63.69 Mbit/s
95th percentile per-packet one-way delay: 32.530 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 32.092 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 32.611 ms
Loss rate: 0.54%
```

Run 4: Report of TCP Cubic — Data Link

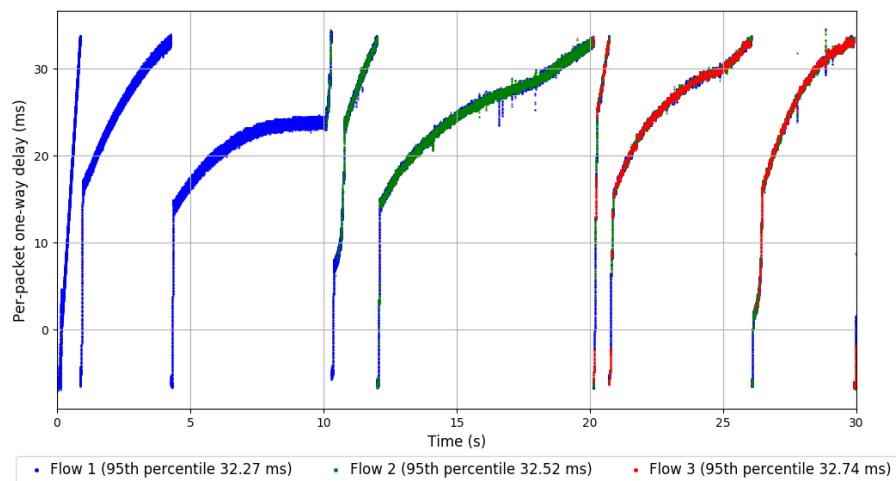
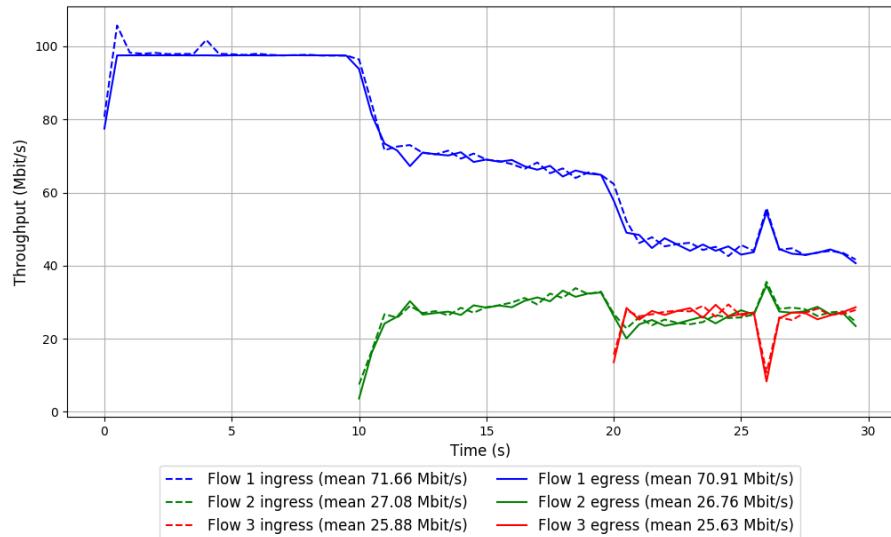


Run 5: Statistics of TCP Cubic

```
Start at: 2018-01-02 11:37:00
End at: 2018-01-02 11:37:30
Local clock offset: 0.879 ms
Remote clock offset: -14.969 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 32.475 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 32.272 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 32.516 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 32.744 ms
Loss rate: 1.32%
```

Run 5: Report of TCP Cubic — Data Link

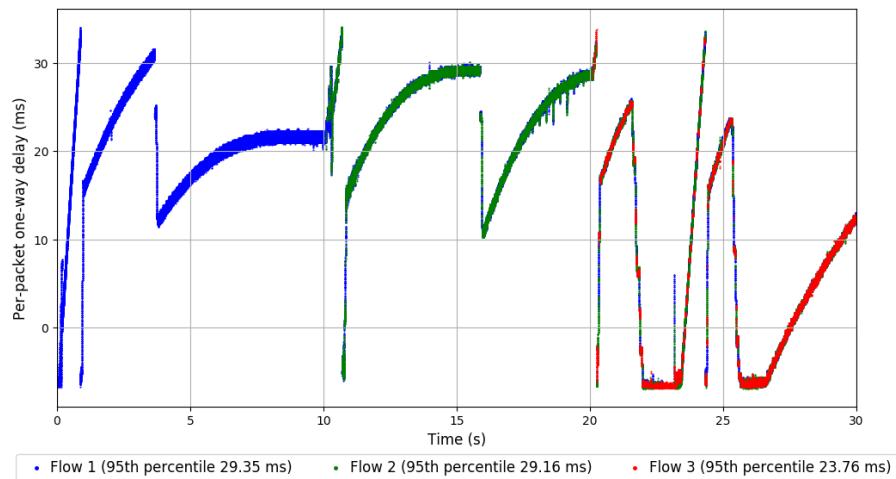
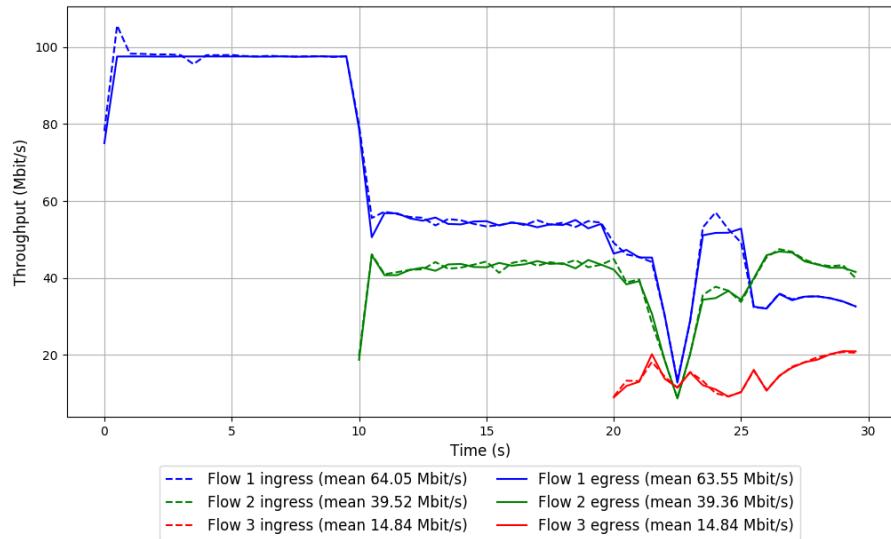


Run 6: Statistics of TCP Cubic

```
Start at: 2018-01-02 11:54:37
End at: 2018-01-02 11:55:07
Local clock offset: -0.55 ms
Remote clock offset: -15.702 ms

# Below is generated by plot.py at 2018-01-02 13:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 29.183 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 63.55 Mbit/s
95th percentile per-packet one-way delay: 29.349 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 39.36 Mbit/s
95th percentile per-packet one-way delay: 29.165 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 23.759 ms
Loss rate: 0.16%
```

Run 6: Report of TCP Cubic — Data Link

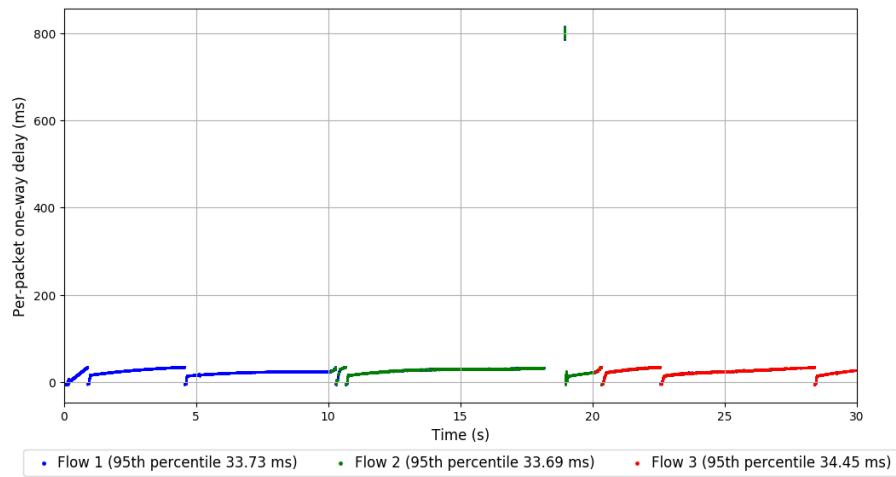
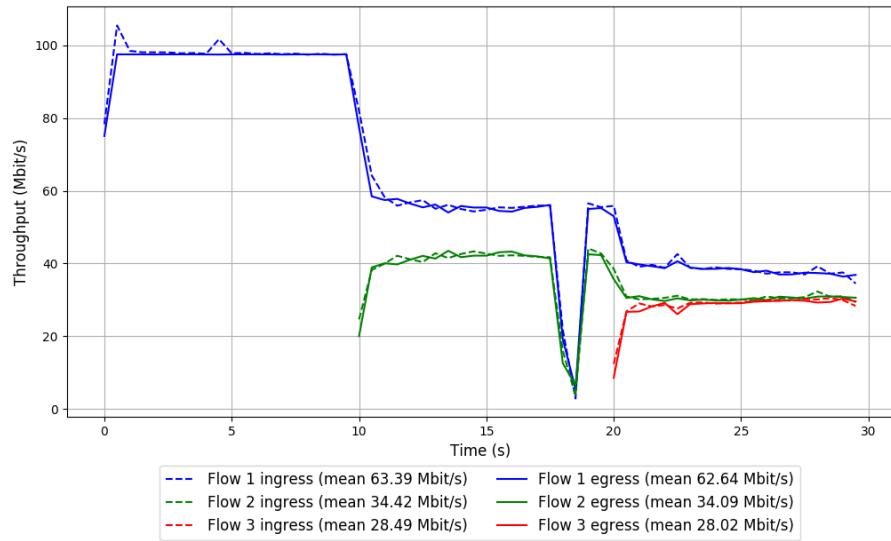


Run 7: Statistics of TCP Cubic

```
Start at: 2018-01-02 12:12:20
End at: 2018-01-02 12:12:50
Local clock offset: -2.905 ms
Remote clock offset: -17.535 ms

# Below is generated by plot.py at 2018-01-02 13:42:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 33.915 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 62.64 Mbit/s
95th percentile per-packet one-way delay: 33.728 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 34.09 Mbit/s
95th percentile per-packet one-way delay: 33.685 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 34.445 ms
Loss rate: 1.61%
```

Run 7: Report of TCP Cubic — Data Link

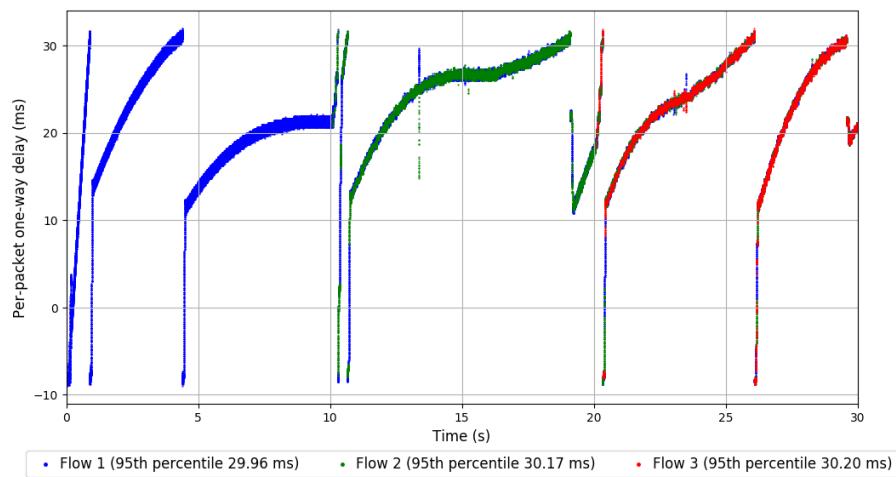
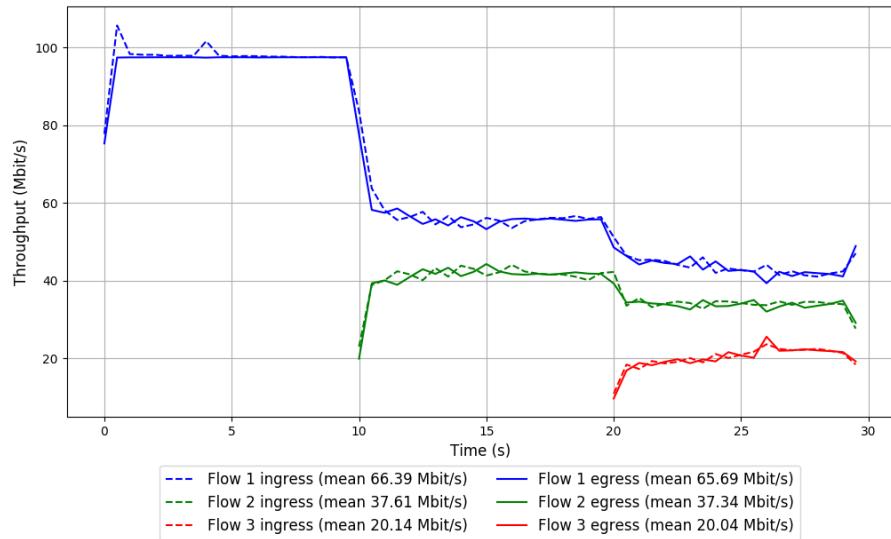


Run 8: Statistics of TCP Cubic

```
Start at: 2018-01-02 12:30:00
End at: 2018-01-02 12:30:30
Local clock offset: 0.53 ms
Remote clock offset: -16.908 ms

# Below is generated by plot.py at 2018-01-02 13:43:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 30.135 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 65.69 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 37.34 Mbit/s
95th percentile per-packet one-way delay: 30.173 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 30.204 ms
Loss rate: 0.46%
```

Run 8: Report of TCP Cubic — Data Link

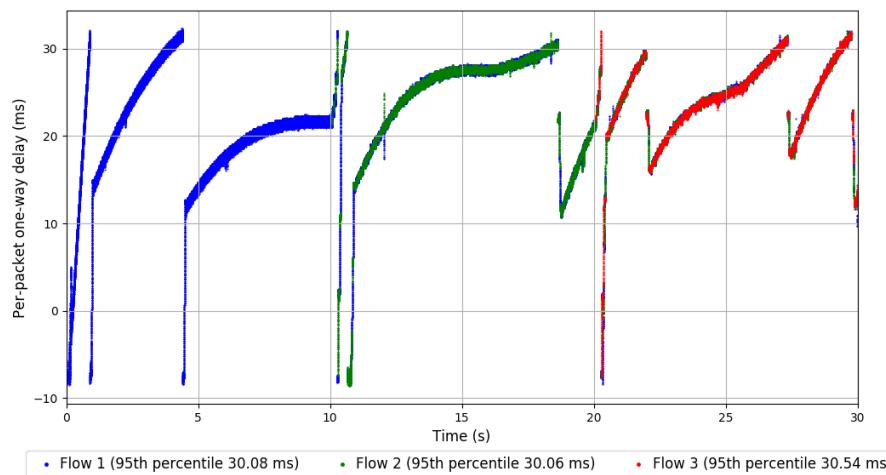
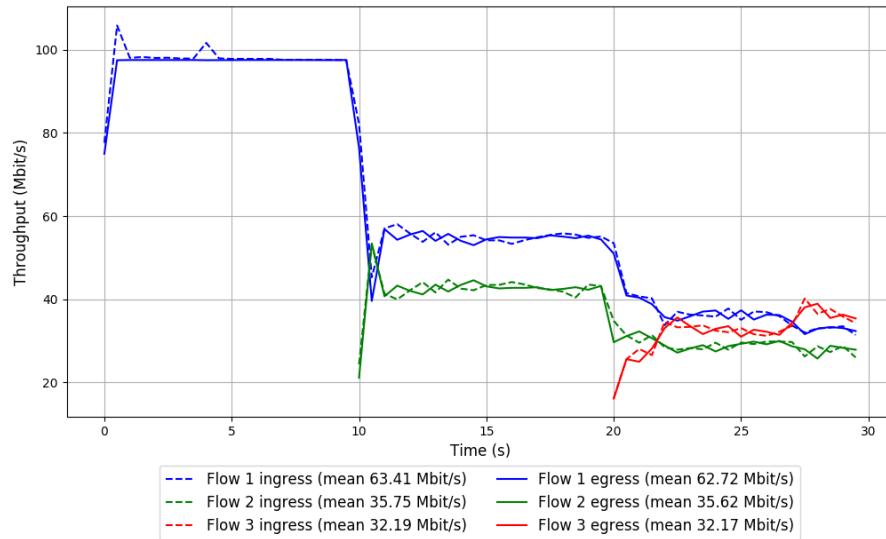


Run 9: Statistics of TCP Cubic

```
Start at: 2018-01-02 12:47:38
End at: 2018-01-02 12:48:08
Local clock offset: 0.693 ms
Remote clock offset: -14.684 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 30.099 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 62.72 Mbit/s
95th percentile per-packet one-way delay: 30.081 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 30.062 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 30.540 ms
Loss rate: 0.15%
```

Run 9: Report of TCP Cubic — Data Link

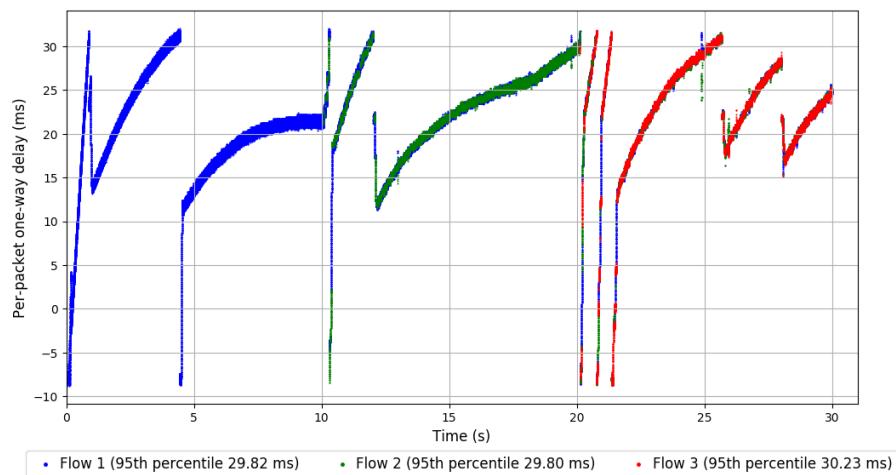
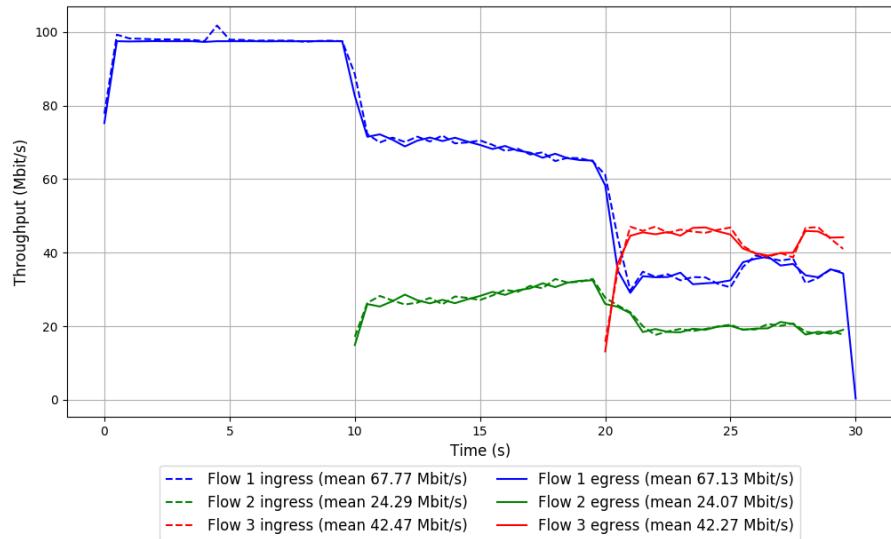


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-01-02 13:05:24
End at: 2018-01-02 13:05:54
Local clock offset: -0.344 ms
Remote clock offset: -14.223 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 29.845 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 29.816 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 29.804 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 30.233 ms
Loss rate: 0.52%
```

Run 10: Report of TCP Cubic — Data Link

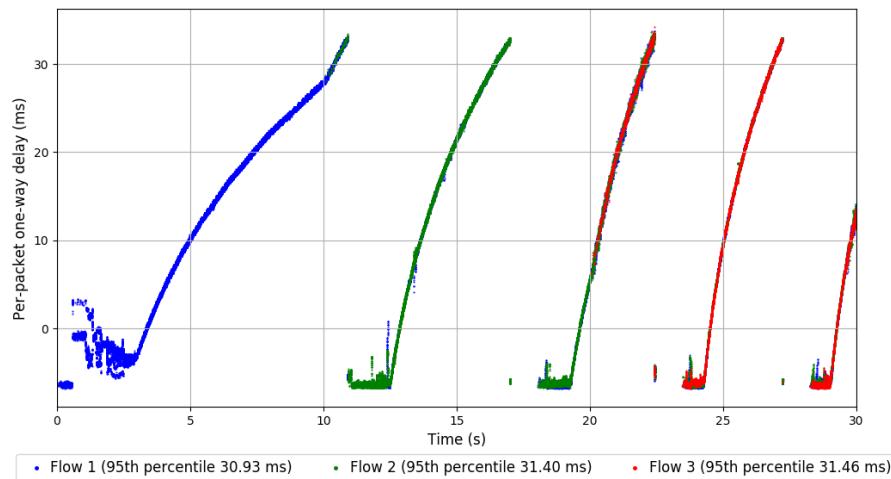
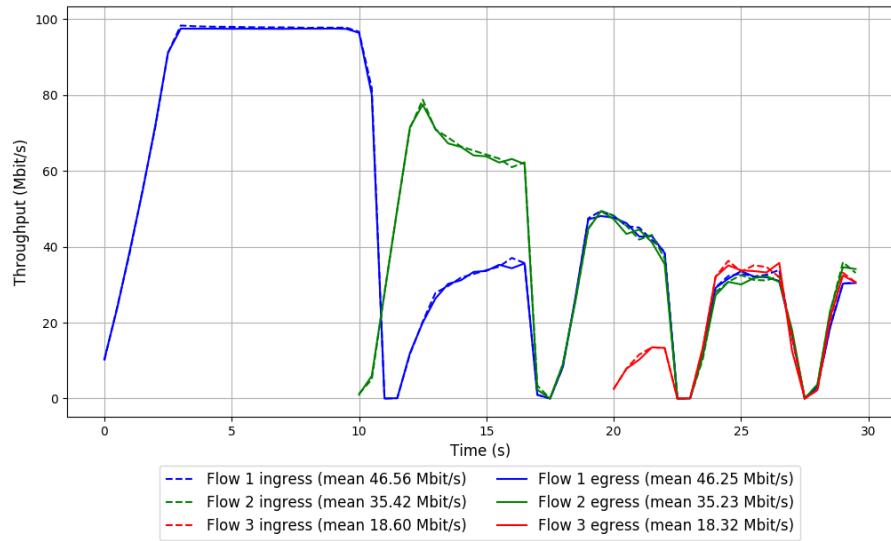


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-02 10:17:58
End at: 2018-01-02 10:18:28
Local clock offset: 0.671 ms
Remote clock offset: -15.674 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 31.188 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 46.25 Mbit/s
95th percentile per-packet one-way delay: 30.932 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 31.404 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 31.460 ms
Loss rate: 1.47%
```

Run 1: Report of LEDBAT — Data Link

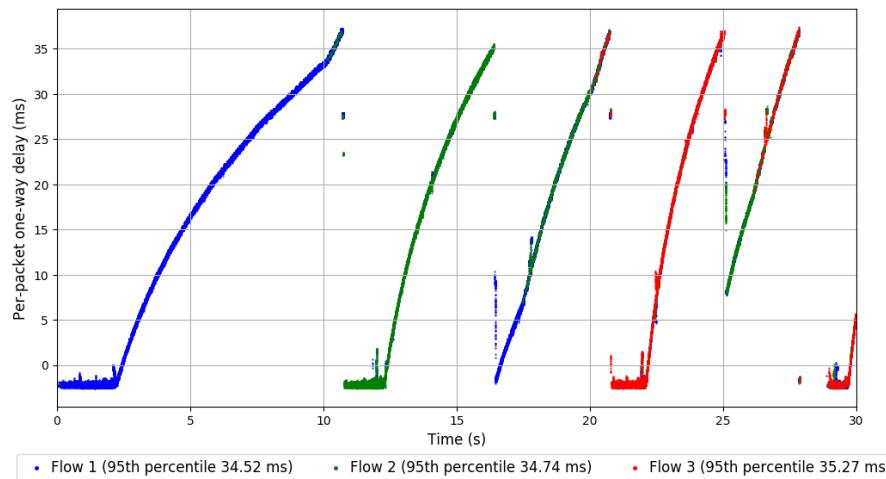
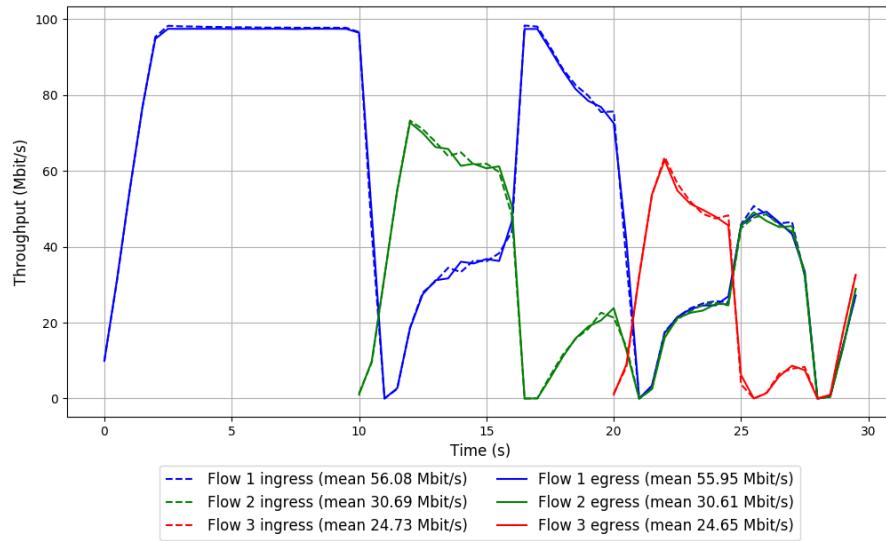


Run 2: Statistics of LEDBAT

```
Start at: 2018-01-02 10:35:31
End at: 2018-01-02 10:36:01
Local clock offset: -2.364 ms
Remote clock offset: -14.122 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 34.700 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 55.95 Mbit/s
95th percentile per-packet one-way delay: 34.516 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 34.742 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 35.267 ms
Loss rate: 0.54%
```

Run 2: Report of LEDBAT — Data Link

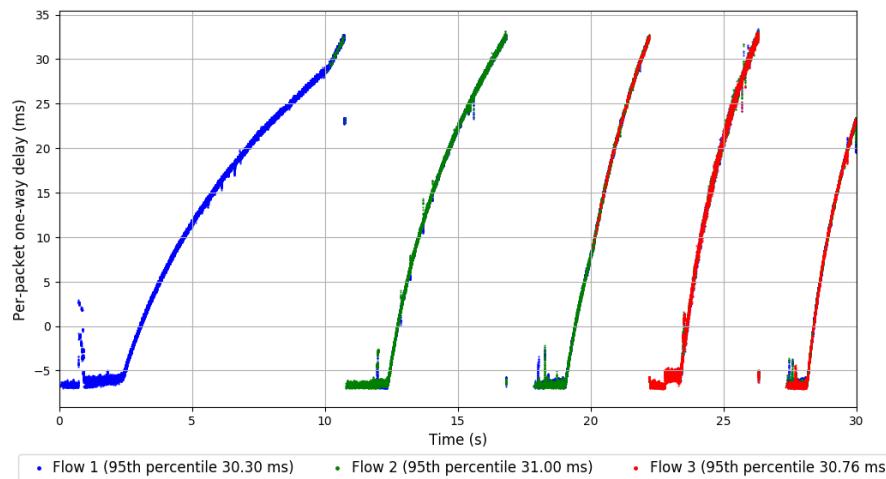
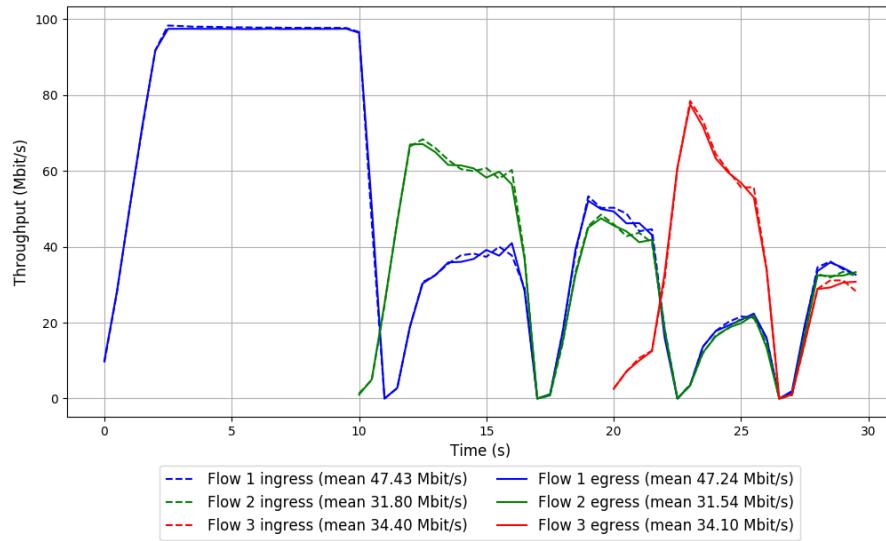


Run 3: Statistics of LEDBAT

```
Start at: 2018-01-02 10:53:13
End at: 2018-01-02 10:53:43
Local clock offset: 0.878 ms
Remote clock offset: -15.838 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 30.640 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 47.24 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 31.002 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 30.760 ms
Loss rate: 0.73%
```

Run 3: Report of LEDBAT — Data Link

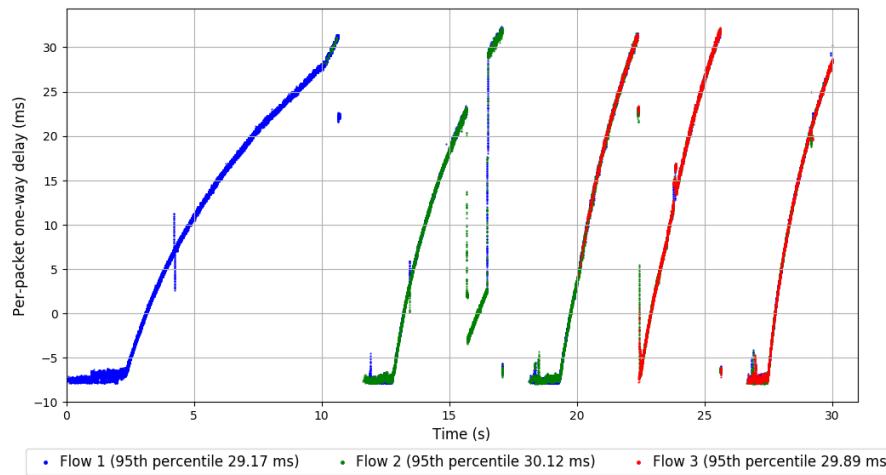
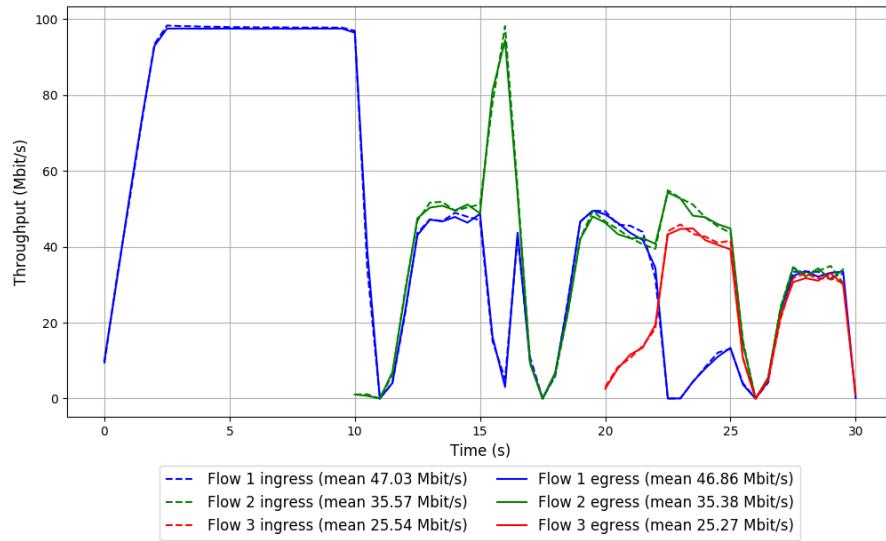


Run 4: Statistics of LEDBAT

```
Start at: 2018-01-02 11:11:06
End at: 2018-01-02 11:11:36
Local clock offset: 0.625 ms
Remote clock offset: -16.719 ms

# Below is generated by plot.py at 2018-01-02 13:43:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 29.637 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 29.166 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 30.120 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 29.885 ms
Loss rate: 0.80%
```

Run 4: Report of LEDBAT — Data Link

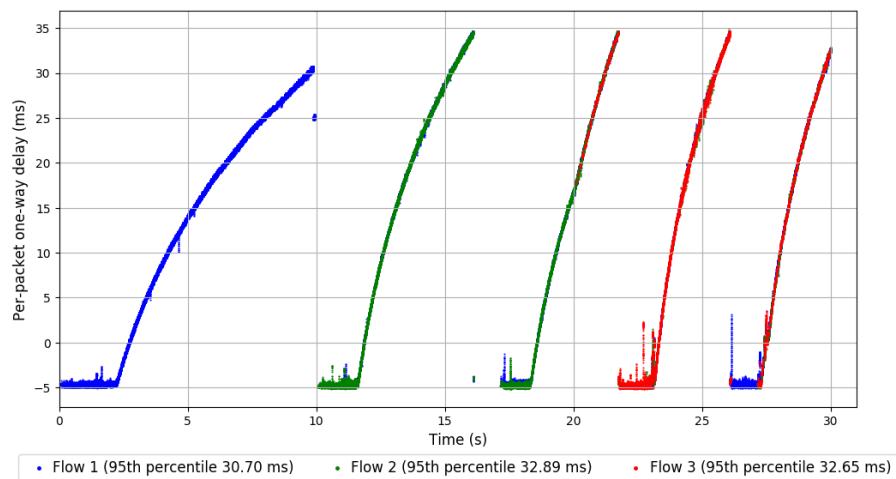
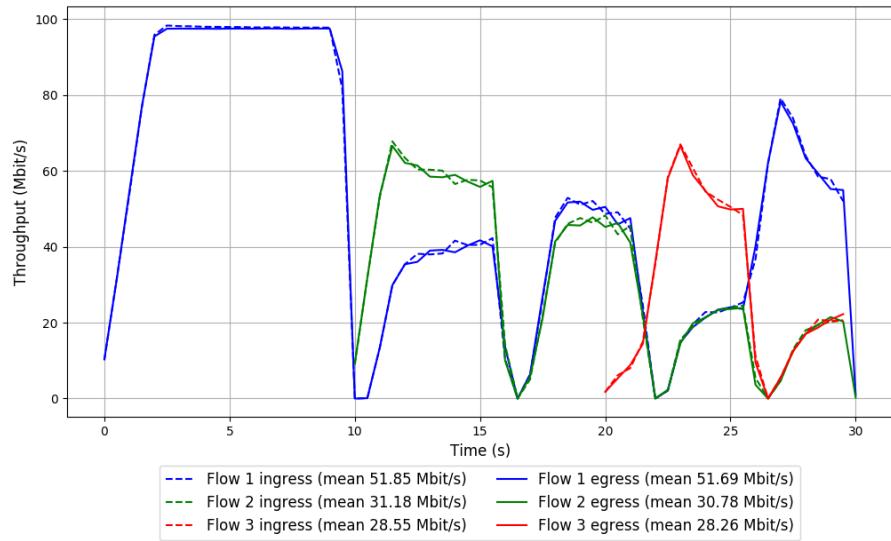


Run 5: Statistics of LEDBAT

```
Start at: 2018-01-02 11:28:51
End at: 2018-01-02 11:29:21
Local clock offset: -1.189 ms
Remote clock offset: -15.548 ms

# Below is generated by plot.py at 2018-01-02 13:43:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 31.920 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 51.69 Mbit/s
95th percentile per-packet one-way delay: 30.695 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 32.886 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 32.654 ms
Loss rate: 0.86%
```

Run 5: Report of LEDBAT — Data Link

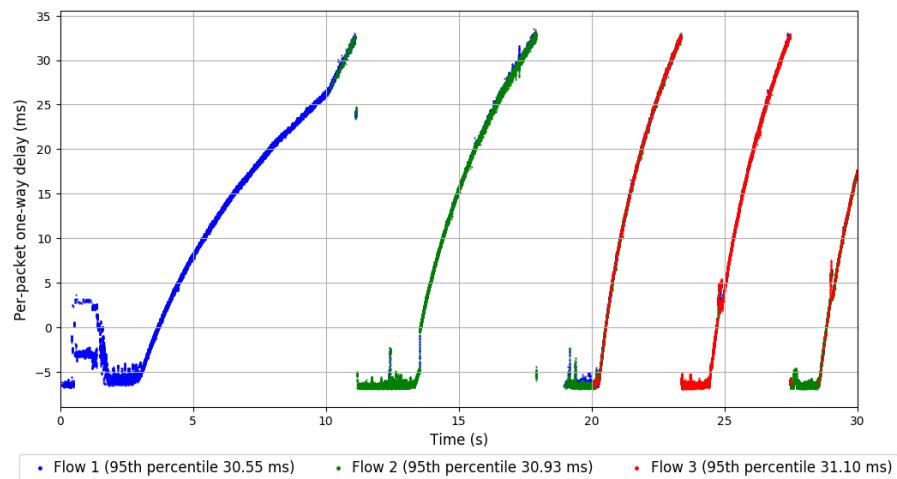
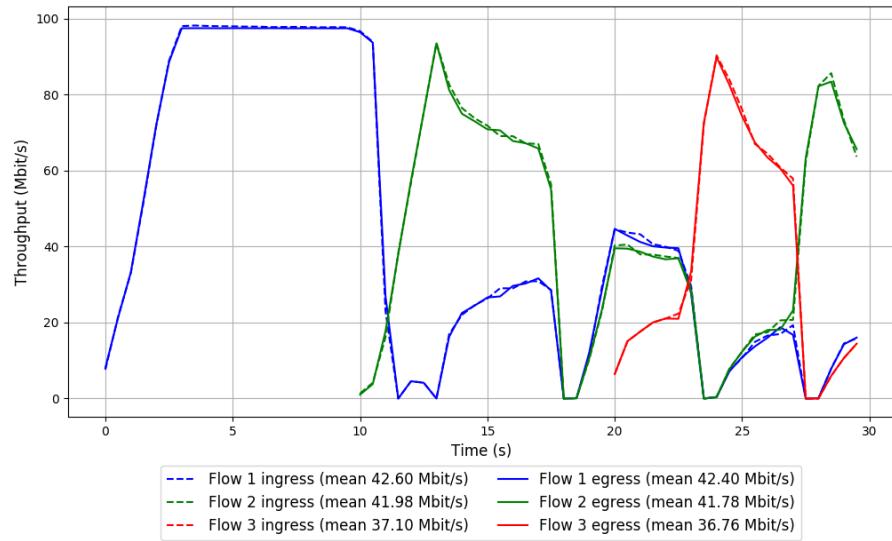


Run 6: Statistics of LEDBAT

```
Start at: 2018-01-02 11:46:28
End at: 2018-01-02 11:46:58
Local clock offset: -1.604 ms
Remote clock offset: -16.909 ms

# Below is generated by plot.py at 2018-01-02 13:44:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 30.795 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 30.555 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 41.78 Mbit/s
95th percentile per-packet one-way delay: 30.932 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 36.76 Mbit/s
95th percentile per-packet one-way delay: 31.097 ms
Loss rate: 0.69%
```

Run 6: Report of LEDBAT — Data Link

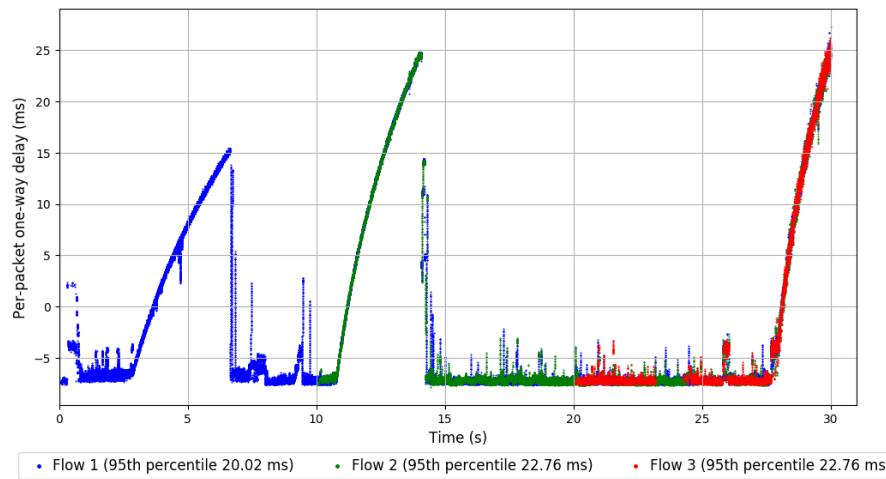
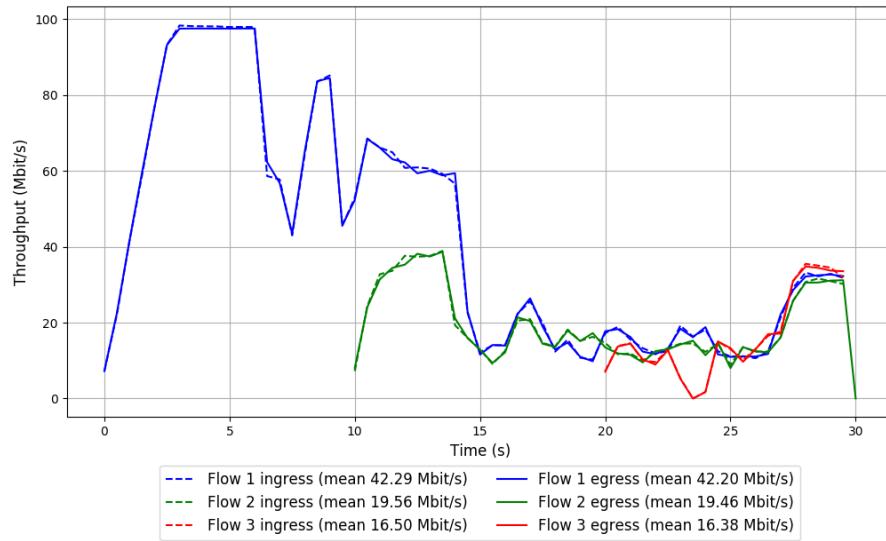


Run 7: Statistics of LEDBAT

```
Start at: 2018-01-02 12:04:07
End at: 2018-01-02 12:04:37
Local clock offset: 0.26 ms
Remote clock offset: -16.258 ms

# Below is generated by plot.py at 2018-01-02 13:44:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.61 Mbit/s
95th percentile per-packet one-way delay: 21.459 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 42.20 Mbit/s
95th percentile per-packet one-way delay: 20.022 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 19.46 Mbit/s
95th percentile per-packet one-way delay: 22.759 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 16.38 Mbit/s
95th percentile per-packet one-way delay: 22.757 ms
Loss rate: 0.45%
```

Run 7: Report of LEDBAT — Data Link

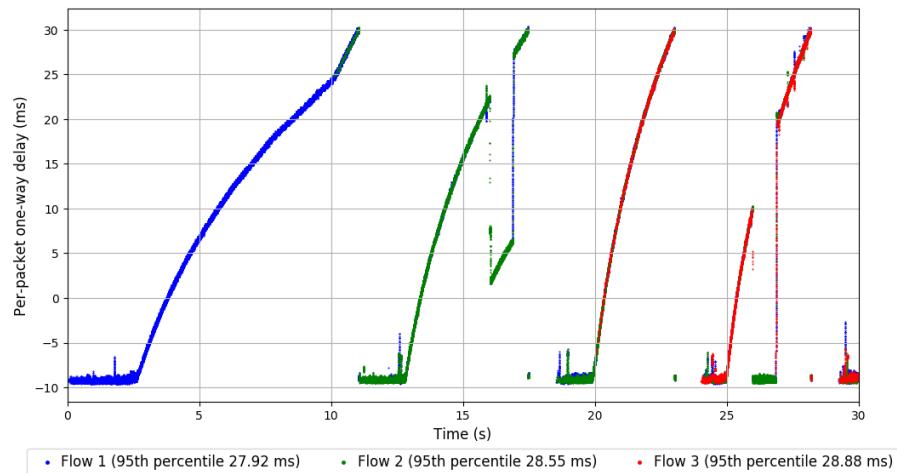
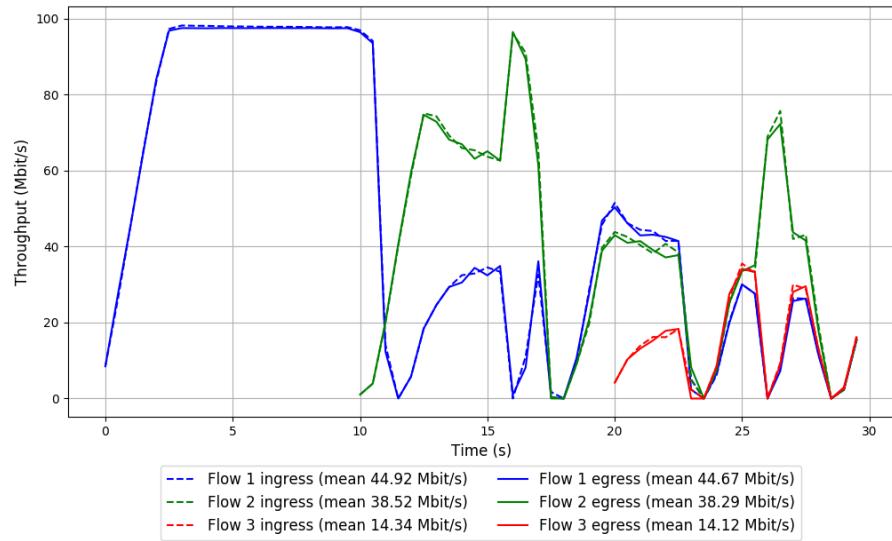


Run 8: Statistics of LEDBAT

```
Start at: 2018-01-02 12:21:51
End at: 2018-01-02 12:22:21
Local clock offset: 0.83 ms
Remote clock offset: -17.66 ms

# Below is generated by plot.py at 2018-01-02 13:44:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.80 Mbit/s
95th percentile per-packet one-way delay: 28.295 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 44.67 Mbit/s
95th percentile per-packet one-way delay: 27.919 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 28.552 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 28.884 ms
Loss rate: 1.55%
```

Run 8: Report of LEDBAT — Data Link

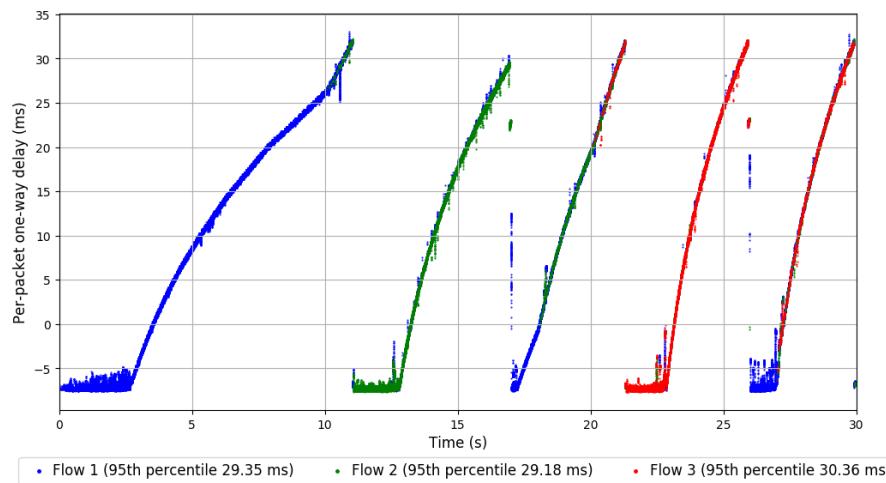
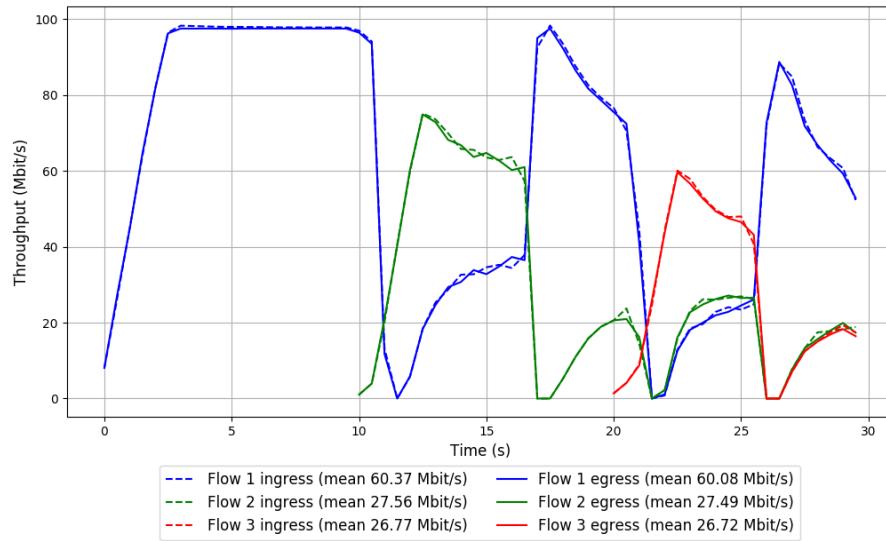


Run 9: Statistics of LEDBAT

```
Start at: 2018-01-02 12:39:27
End at: 2018-01-02 12:39:57
Local clock offset: 0.481 ms
Remote clock offset: -14.618 ms

# Below is generated by plot.py at 2018-01-02 13:44:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 29.550 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 60.08 Mbit/s
95th percentile per-packet one-way delay: 29.348 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 29.184 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 0.74%
```

Run 9: Report of LEDBAT — Data Link

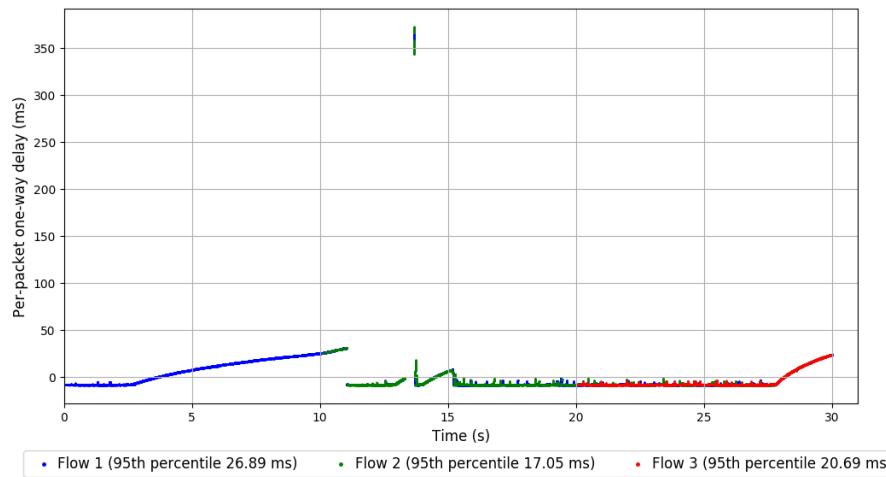
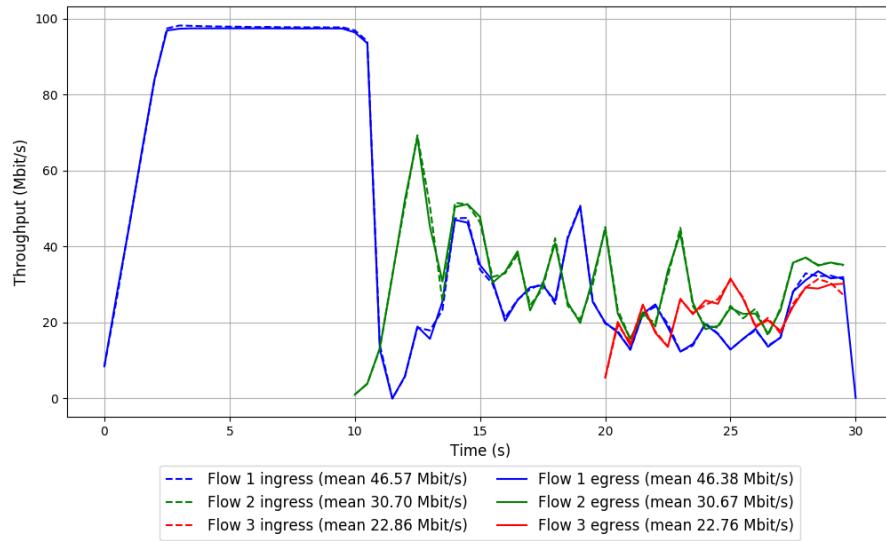


Run 10: Statistics of LEDBAT

```
Start at: 2018-01-02 12:57:12
End at: 2018-01-02 12:57:42
Local clock offset: -0.144 ms
Remote clock offset: -14.269 ms

# Below is generated by plot.py at 2018-01-02 13:44:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 25.173 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 26.888 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 17.048 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 22.76 Mbit/s
95th percentile per-packet one-way delay: 20.692 ms
Loss rate: 0.13%
```

Run 10: Report of LEDBAT — Data Link

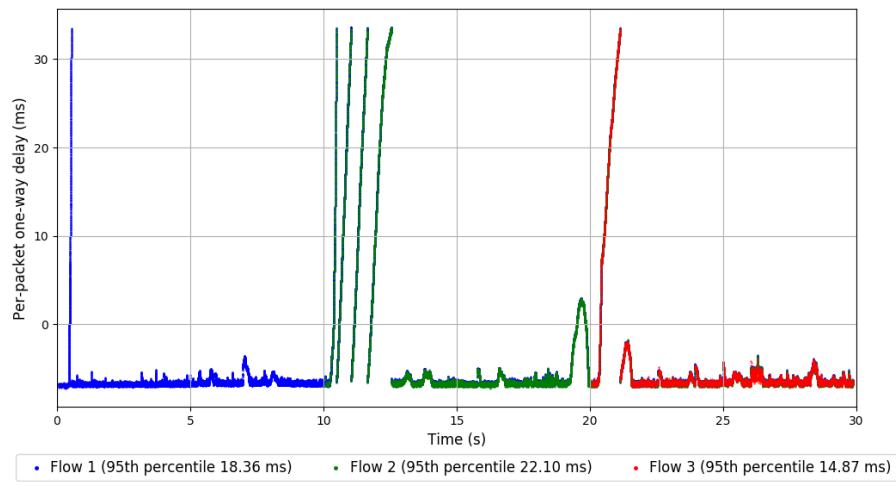
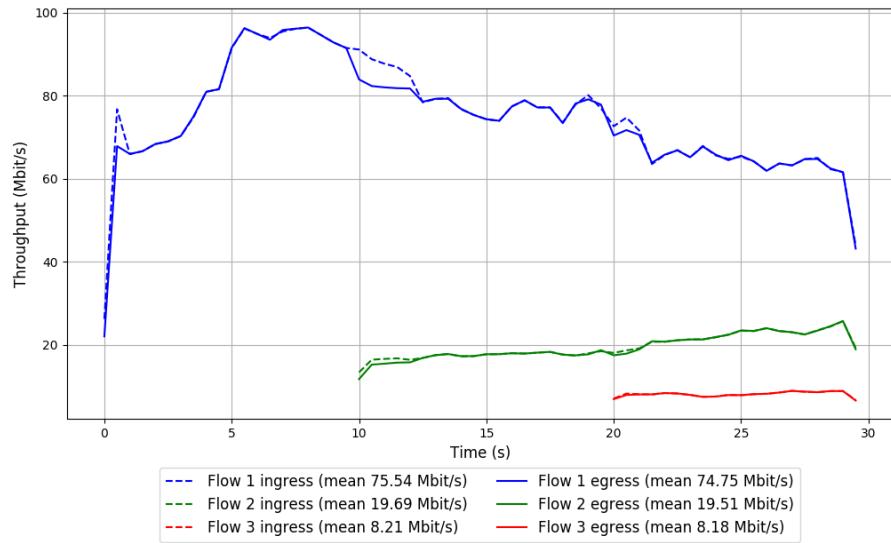


Run 1: Statistics of PCC

```
Start at: 2018-01-02 10:22:35
End at: 2018-01-02 10:23:05
Local clock offset: 0.183 ms
Remote clock offset: -16.362 ms

# Below is generated by plot.py at 2018-01-02 13:44:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 18.361 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 22.097 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 8.18 Mbit/s
95th percentile per-packet one-way delay: 14.873 ms
Loss rate: 0.38%
```

Run 1: Report of PCC — Data Link

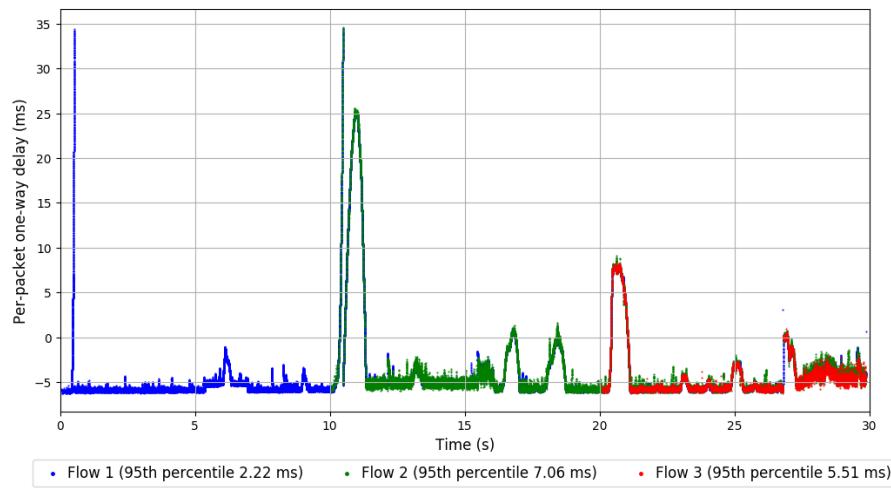
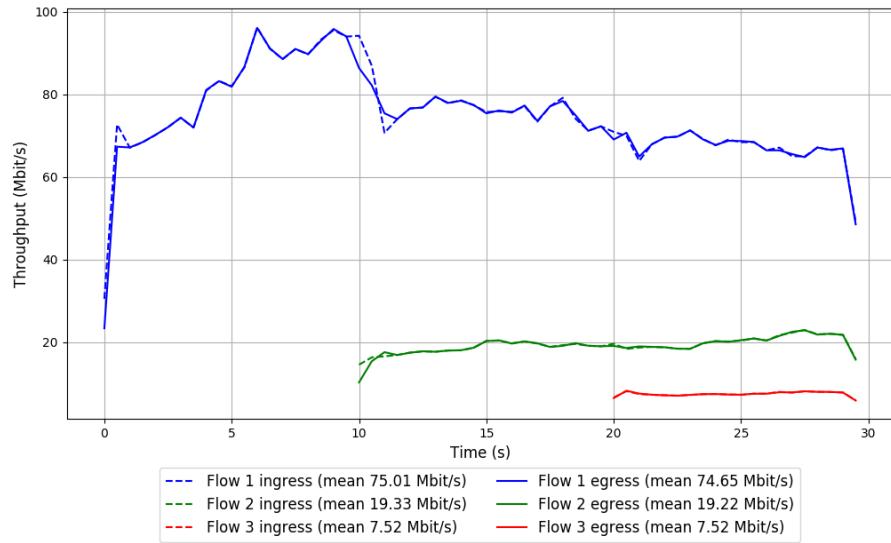


Run 2: Statistics of PCC

```
Start at: 2018-01-02 10:40:14
End at: 2018-01-02 10:40:44
Local clock offset: 0.783 ms
Remote clock offset: -14.565 ms

# Below is generated by plot.py at 2018-01-02 13:44:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 3.638 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 74.65 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 7.058 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 5.507 ms
Loss rate: 0.02%
```

Run 2: Report of PCC — Data Link

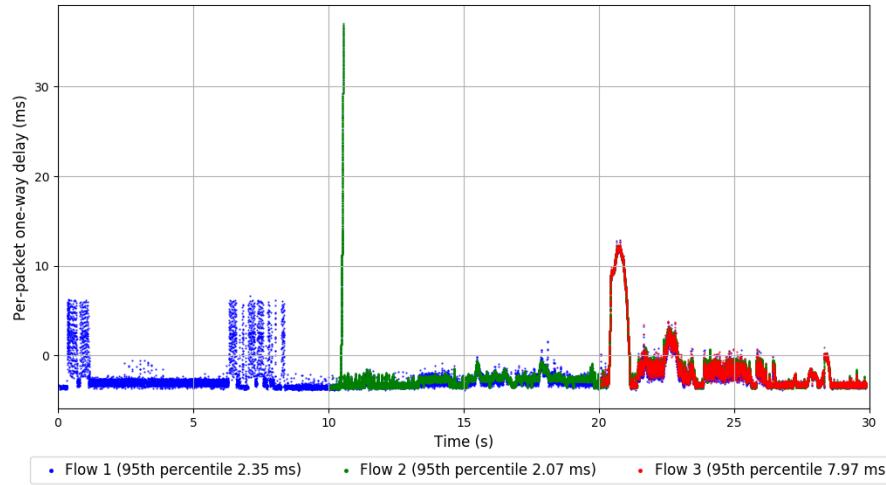
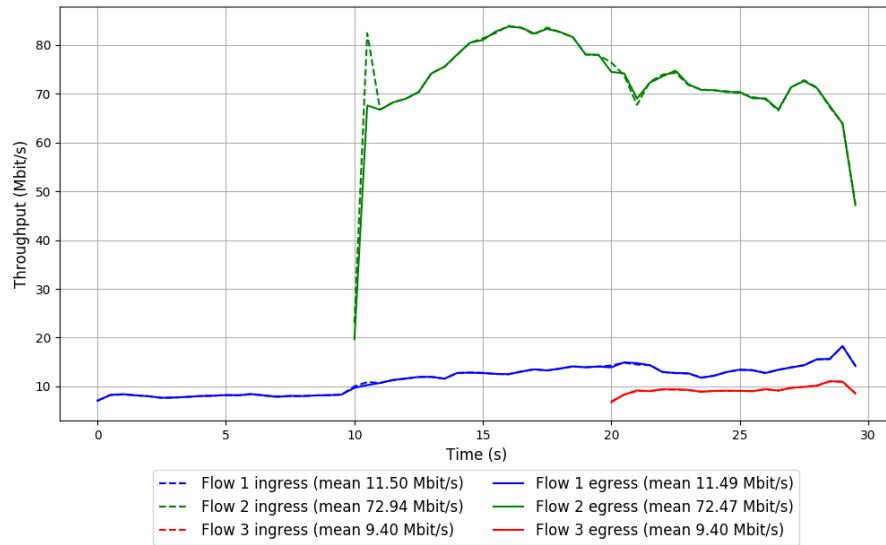


Run 3: Statistics of PCC

```
Start at: 2018-01-02 10:58:03
End at: 2018-01-02 10:58:33
Local clock offset: -2.169 ms
Remote clock offset: -15.446 ms

# Below is generated by plot.py at 2018-01-02 13:44:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 2.353 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 72.47 Mbit/s
95th percentile per-packet one-way delay: 2.067 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 7.969 ms
Loss rate: 0.00%
```

Run 3: Report of PCC — Data Link

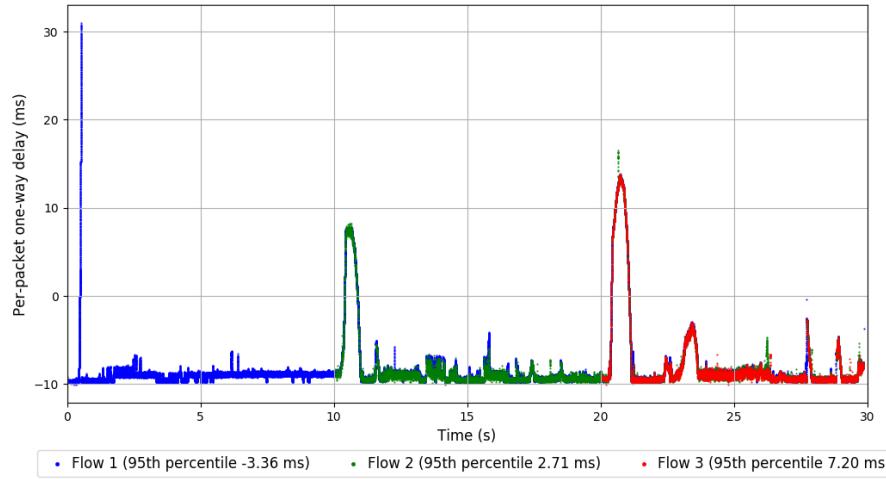
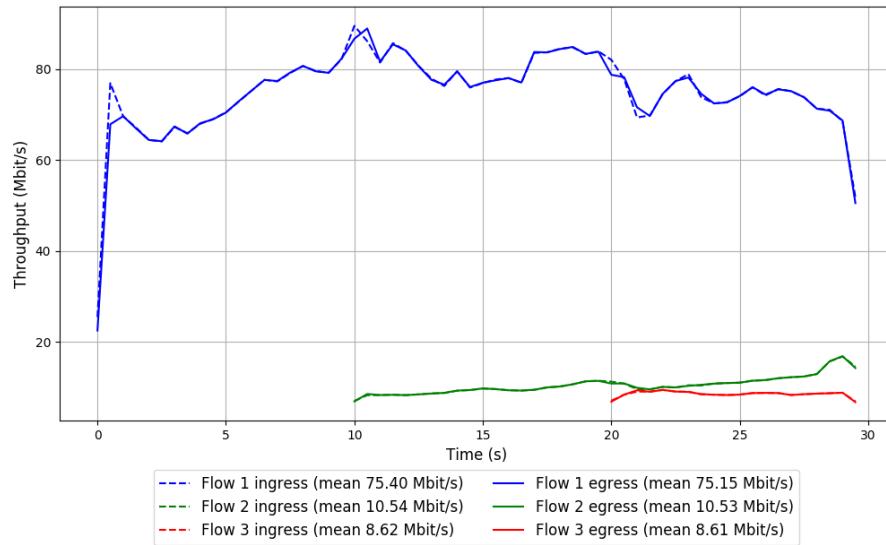


Run 4: Statistics of PCC

```
Start at: 2018-01-02 11:15:50
End at: 2018-01-02 11:16:20
Local clock offset: 2.353 ms
Remote clock offset: -16.877 ms

# Below is generated by plot.py at 2018-01-02 13:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: -2.662 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 75.15 Mbit/s
95th percentile per-packet one-way delay: -3.356 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 2.714 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 7.197 ms
Loss rate: 0.06%
```

Run 4: Report of PCC — Data Link

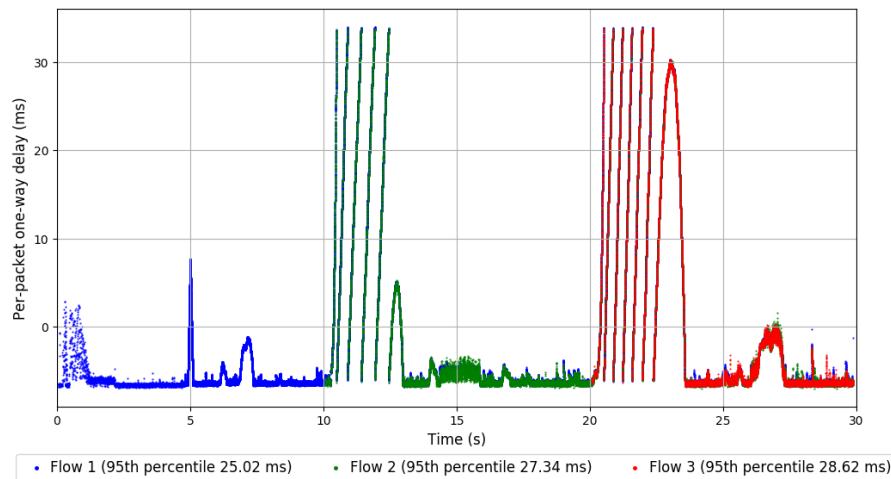
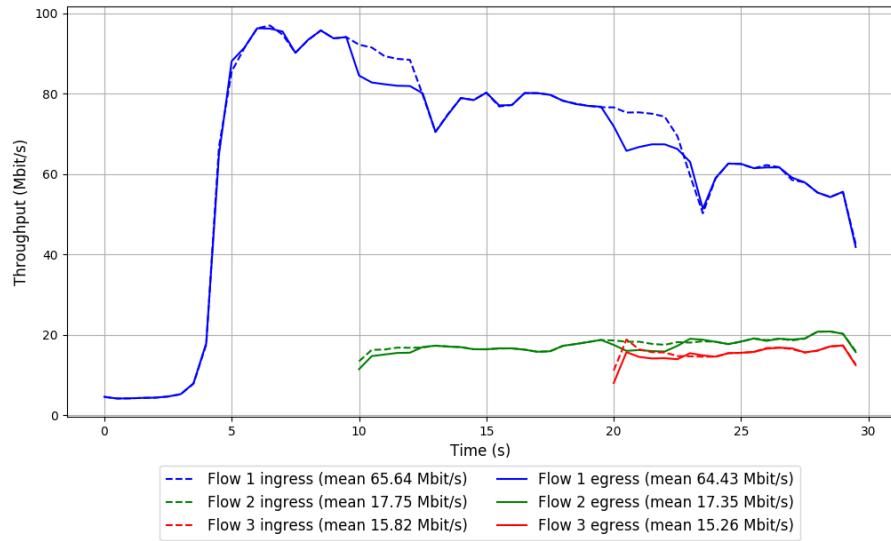


Run 5: Statistics of PCC

```
Start at: 2018-01-02 11:33:31
End at: 2018-01-02 11:34:01
Local clock offset: -0.549 ms
Remote clock offset: -16.357 ms

# Below is generated by plot.py at 2018-01-02 13:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.99 Mbit/s
95th percentile per-packet one-way delay: 25.901 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 64.43 Mbit/s
95th percentile per-packet one-way delay: 25.023 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 17.35 Mbit/s
95th percentile per-packet one-way delay: 27.336 ms
Loss rate: 2.26%
-- Flow 3:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 28.622 ms
Loss rate: 3.55%
```

Run 5: Report of PCC — Data Link

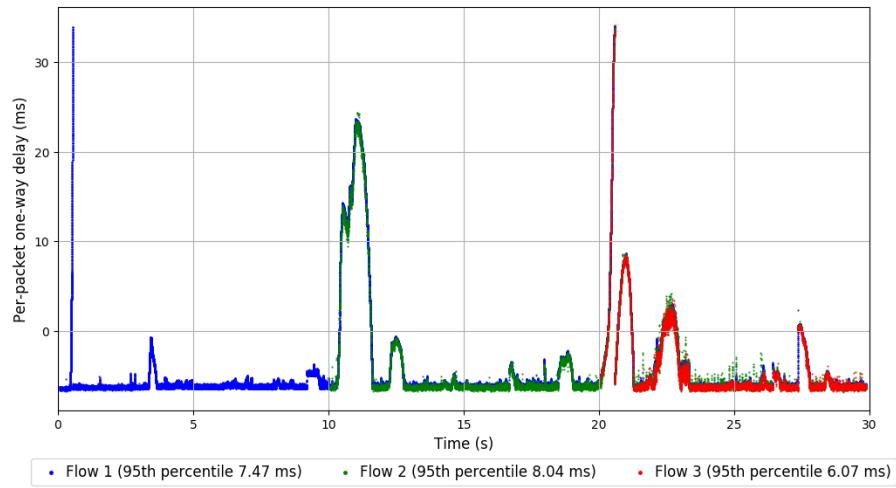
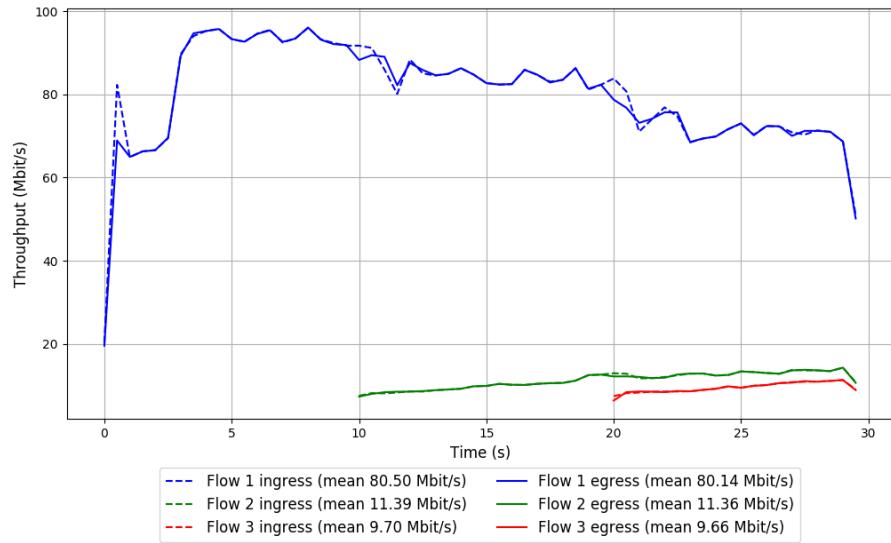


Run 6: Statistics of PCC

```
Start at: 2018-01-02 11:51:10
End at: 2018-01-02 11:51:40
Local clock offset: -1.796 ms
Remote clock offset: -16.733 ms

# Below is generated by plot.py at 2018-01-02 13:45:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 7.464 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 80.14 Mbit/s
95th percentile per-packet one-way delay: 7.466 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 8.040 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 6.069 ms
Loss rate: 0.34%
```

Run 6: Report of PCC — Data Link

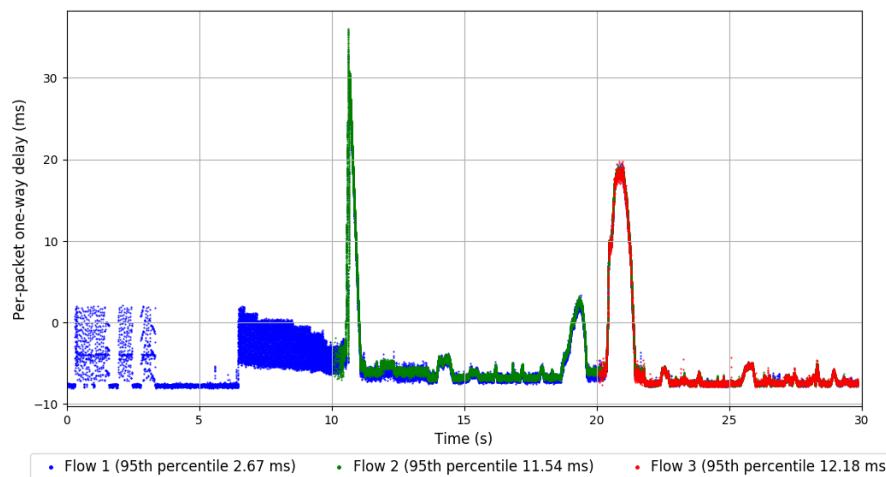
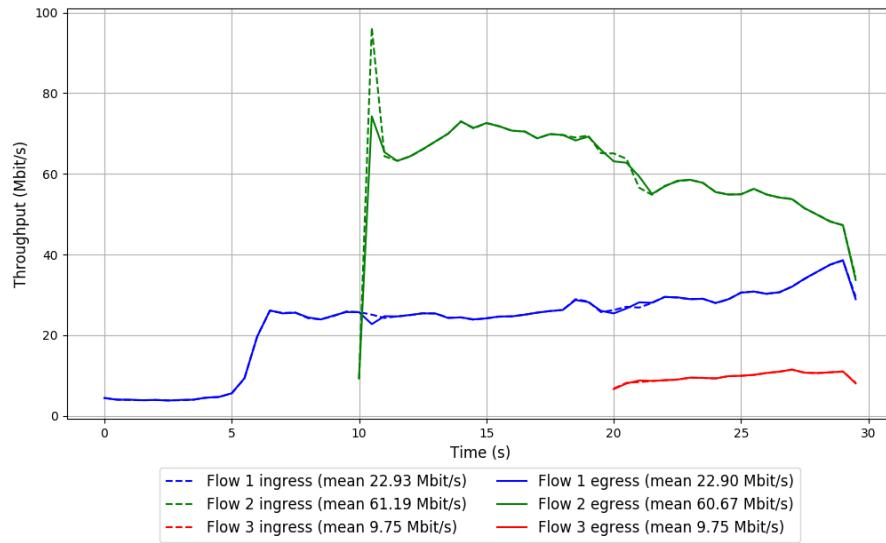


Run 7: Statistics of PCC

```
Start at: 2018-01-02 12:08:48
End at: 2018-01-02 12:09:18
Local clock offset: -0.023 ms
Remote clock offset: -16.991 ms

# Below is generated by plot.py at 2018-01-02 13:45:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.44 Mbit/s
95th percentile per-packet one-way delay: 9.875 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 22.90 Mbit/s
95th percentile per-packet one-way delay: 2.672 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 60.67 Mbit/s
95th percentile per-packet one-way delay: 11.541 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 12.180 ms
Loss rate: 0.00%
```

Run 7: Report of PCC — Data Link

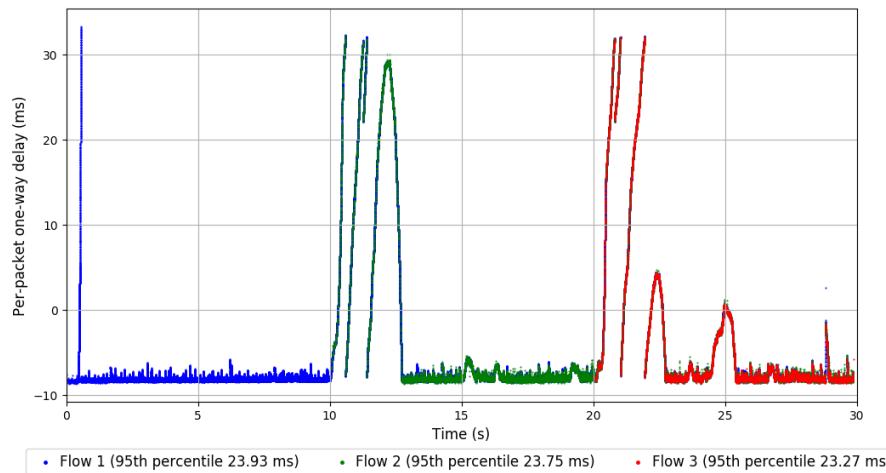
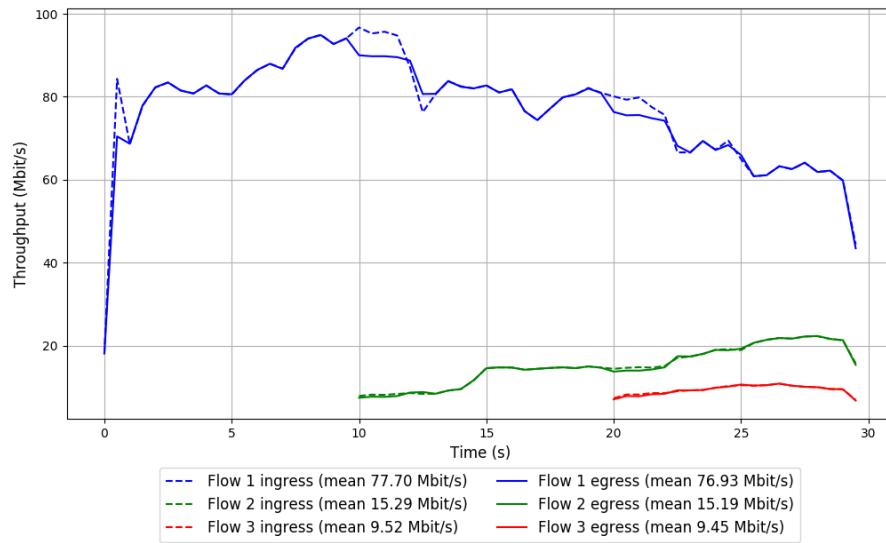


Run 8: Statistics of PCC

```
Start at: 2018-01-02 12:26:31
End at: 2018-01-02 12:27:01
Local clock offset: -1.323 ms
Remote clock offset: -18.496 ms

# Below is generated by plot.py at 2018-01-02 13:45:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 23.879 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 23.925 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 15.19 Mbit/s
95th percentile per-packet one-way delay: 23.753 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 23.274 ms
Loss rate: 0.77%
```

Run 8: Report of PCC — Data Link

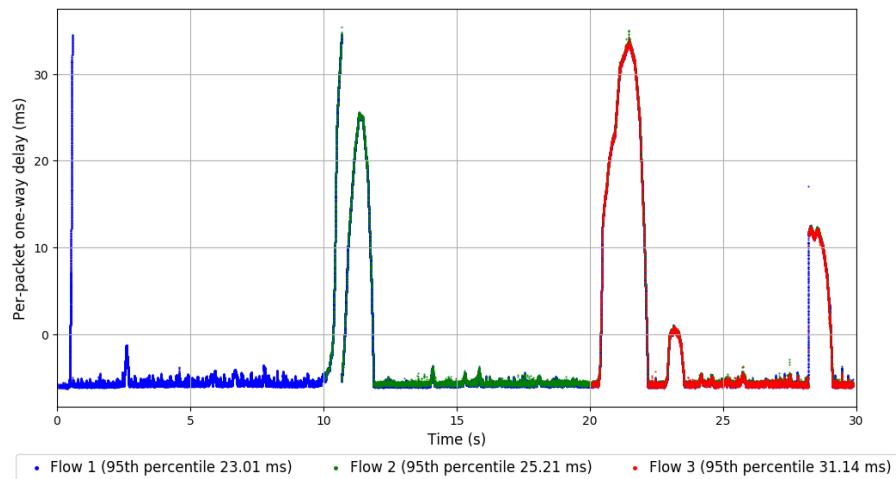
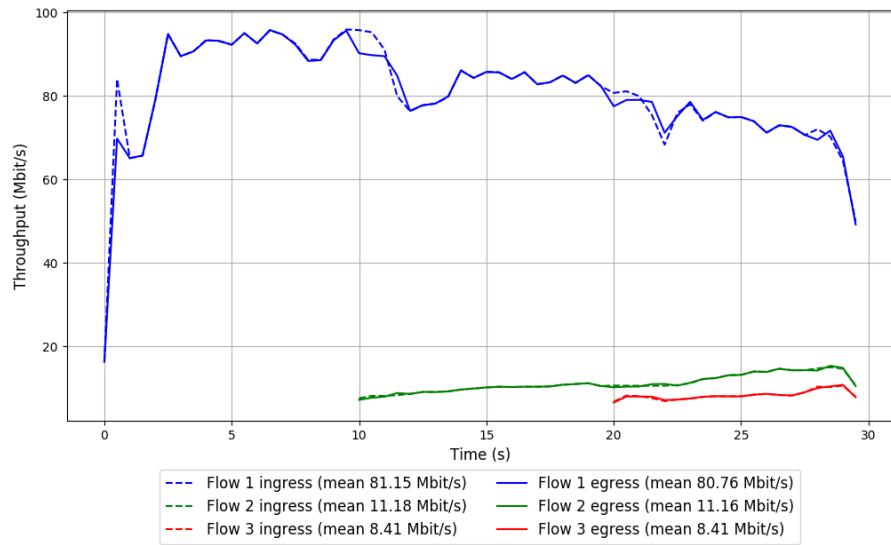


Run 9: Statistics of PCC

```
Start at: 2018-01-02 12:44:12
End at: 2018-01-02 12:44:42
Local clock offset: -2.176 ms
Remote clock offset: -15.318 ms

# Below is generated by plot.py at 2018-01-02 13:45:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 23.547 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 80.76 Mbit/s
95th percentile per-packet one-way delay: 23.013 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 25.210 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 31.144 ms
Loss rate: 0.00%
```

Run 9: Report of PCC — Data Link

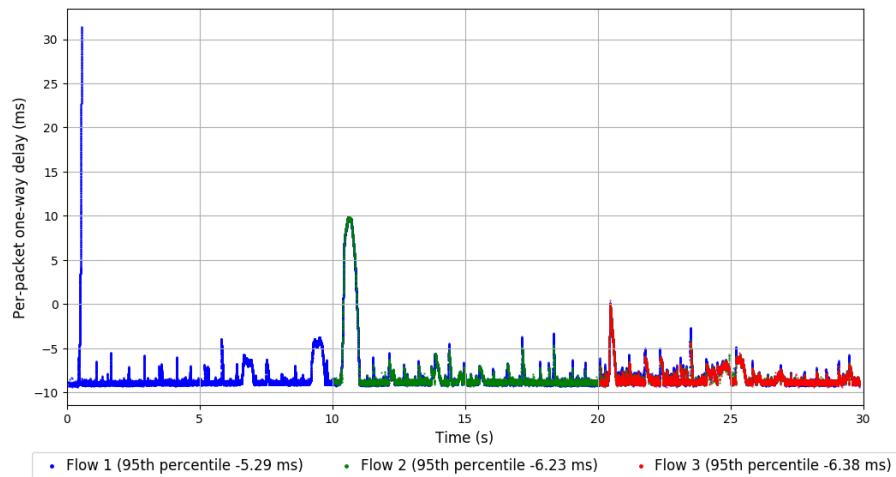
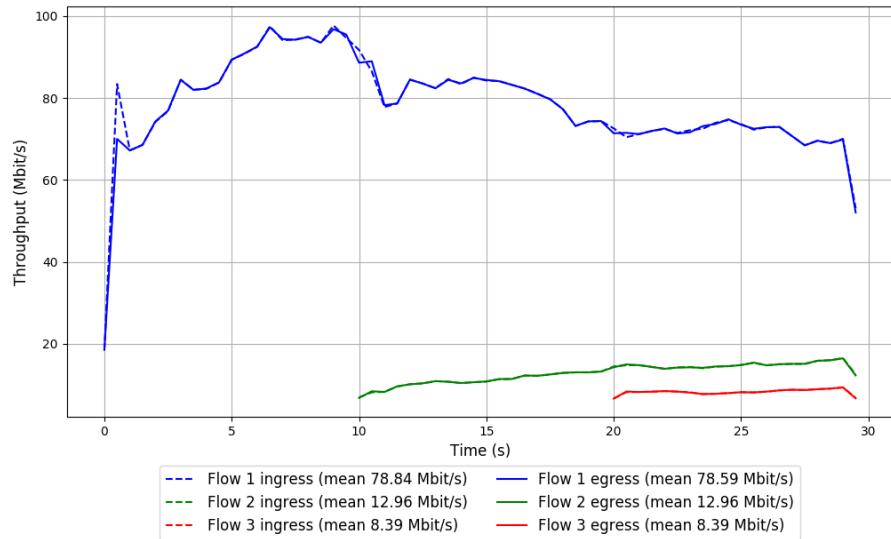


Run 10: Statistics of PCC

```
Start at: 2018-01-02 13:01:57
End at: 2018-01-02 13:02:27
Local clock offset: 0.483 ms
Remote clock offset: -13.954 ms

# Below is generated by plot.py at 2018-01-02 13:45:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: -5.550 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: -5.286 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: -6.227 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: -6.378 ms
Loss rate: 0.00%
```

Run 10: Report of PCC — Data Link

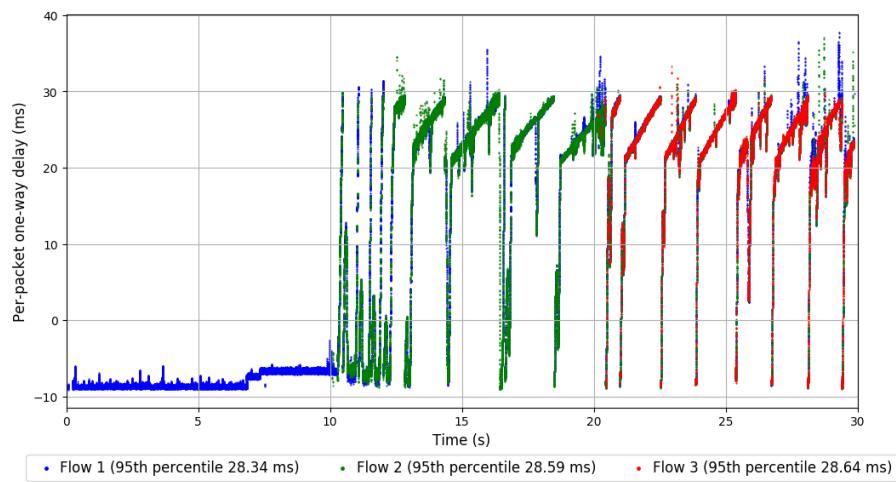
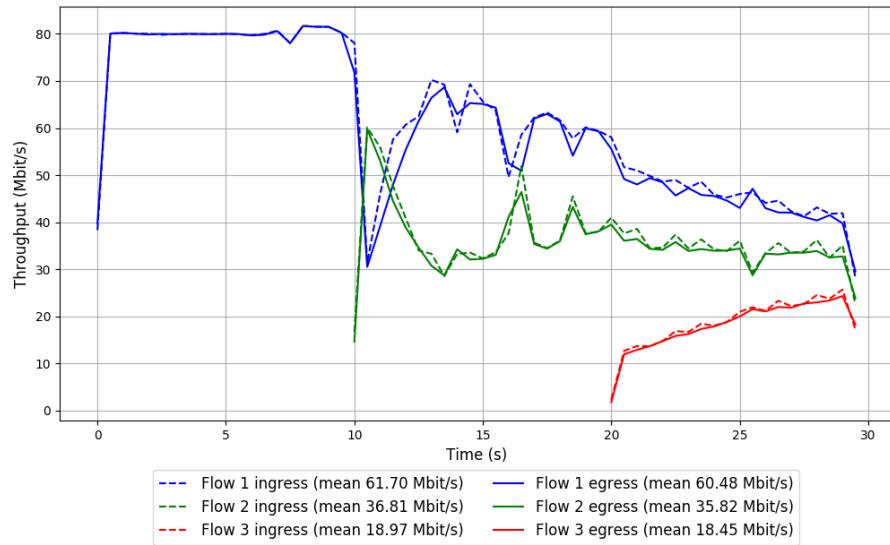


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-01-02 10:24:52
End at: 2018-01-02 10:25:22
Local clock offset: 3.018 ms
Remote clock offset: -15.433 ms

# Below is generated by plot.py at 2018-01-02 13:46:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 28.428 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 28.335 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 28.593 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 28.638 ms
Loss rate: 2.75%
```

Run 1: Report of QUIC Cubic — Data Link

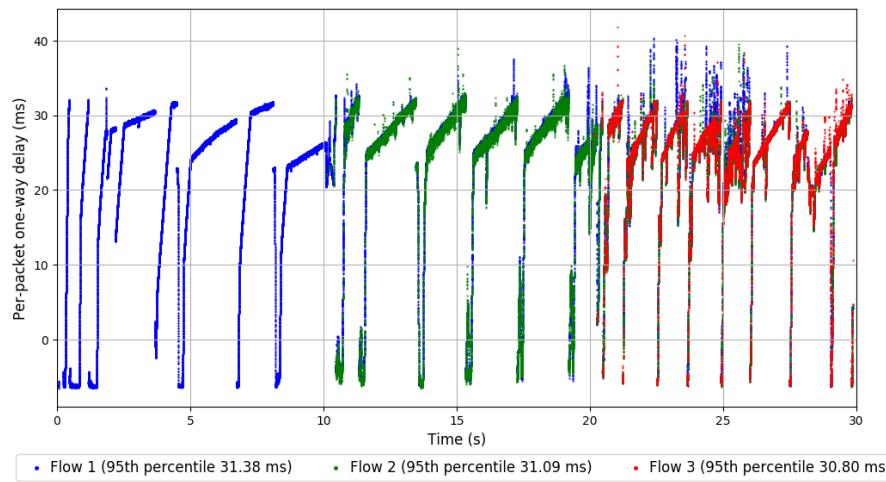
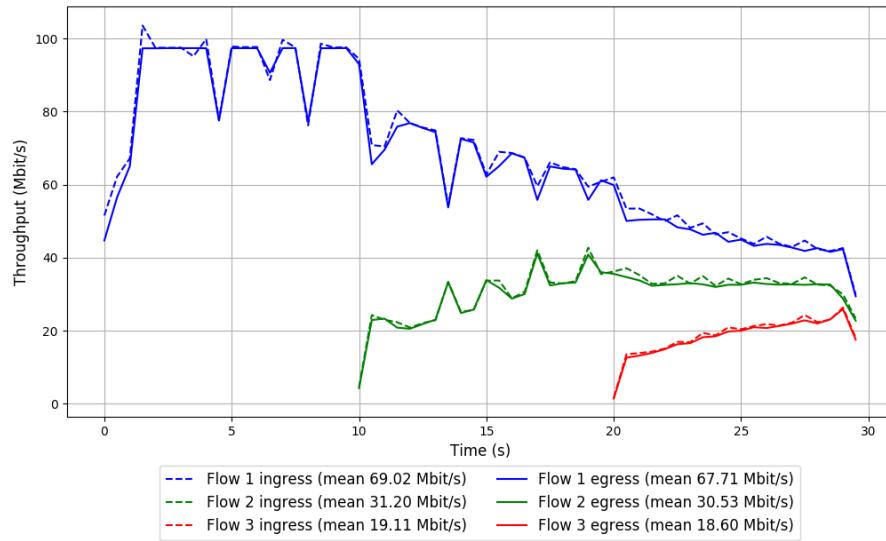


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-01-02 10:42:34
End at: 2018-01-02 10:43:04
Local clock offset: 0.083 ms
Remote clock offset: -15.465 ms

# Below is generated by plot.py at 2018-01-02 13:46:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 31.327 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 31.384 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 2.26%
-- Flow 3:
Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 30.801 ms
Loss rate: 2.85%
```

Run 2: Report of QUIC Cubic — Data Link

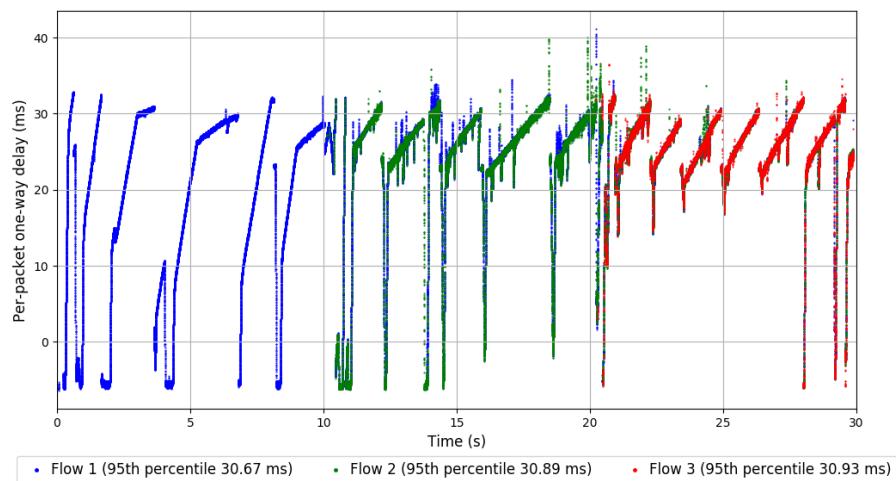
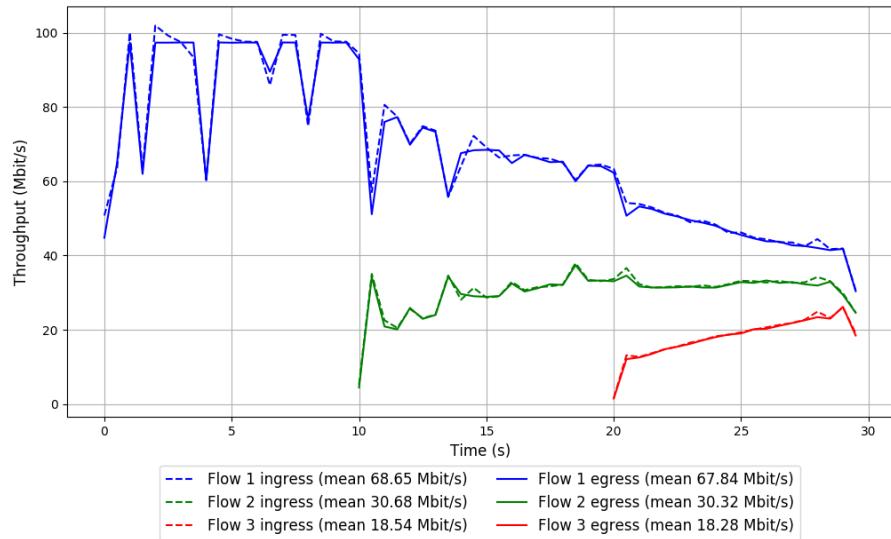


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-01-02 11:00:22
End at: 2018-01-02 11:00:52
Local clock offset: -0.115 ms
Remote clock offset: -16.004 ms

# Below is generated by plot.py at 2018-01-02 13:46:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 30.720 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 67.84 Mbit/s
95th percentile per-packet one-way delay: 30.668 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 30.32 Mbit/s
95th percentile per-packet one-way delay: 30.887 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 18.28 Mbit/s
95th percentile per-packet one-way delay: 30.932 ms
Loss rate: 1.44%
```

Run 3: Report of QUIC Cubic — Data Link

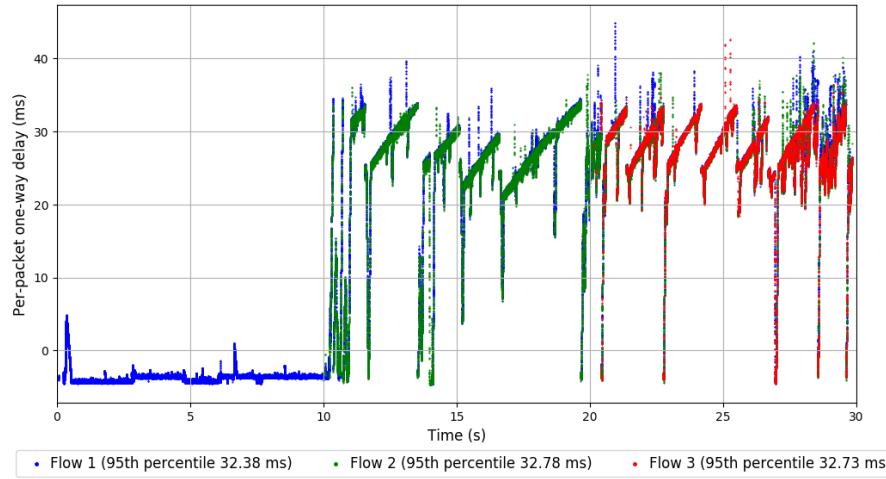
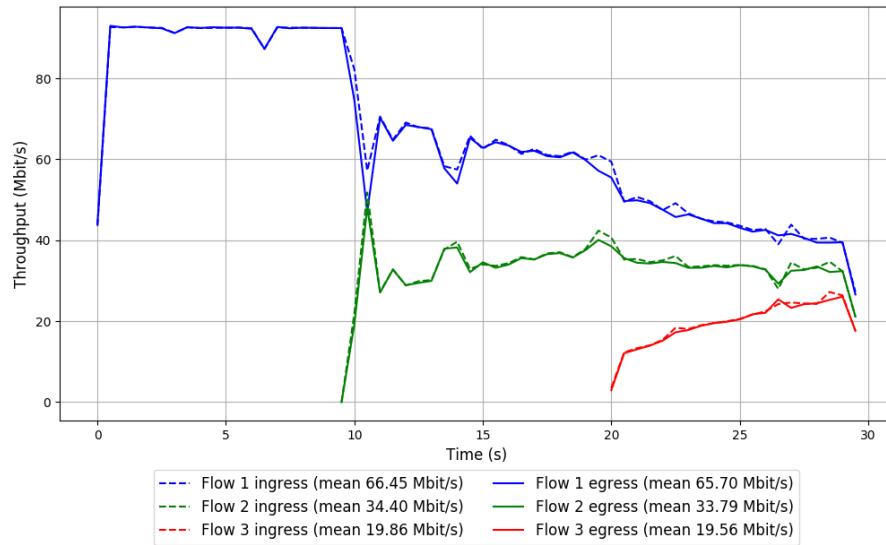


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-01-02 11:18:11
End at: 2018-01-02 11:18:41
Local clock offset: -1.253 ms
Remote clock offset: -15.26 ms

# Below is generated by plot.py at 2018-01-02 13:46:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 32.555 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 32.379 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 32.777 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 32.734 ms
Loss rate: 1.50%
```

Run 4: Report of QUIC Cubic — Data Link

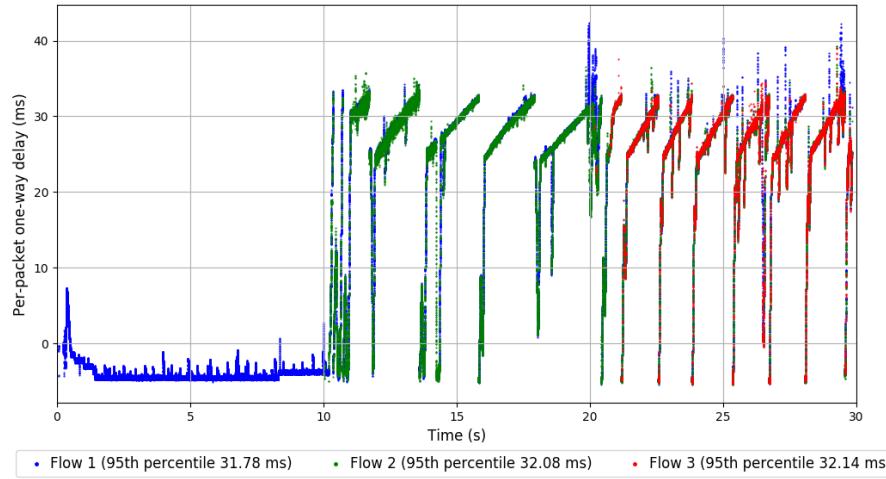
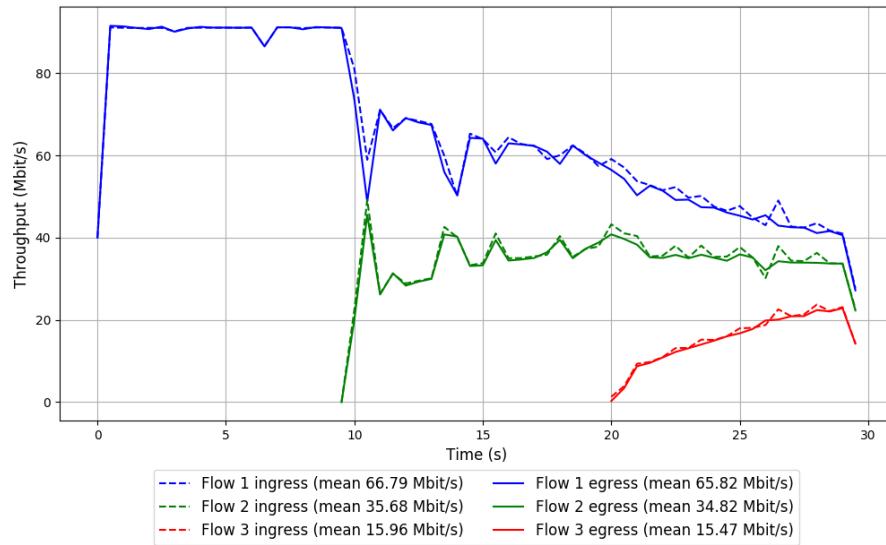


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-01-02 11:35:49
End at: 2018-01-02 11:36:19
Local clock offset: -2.639 ms
Remote clock offset: -17.109 ms

# Below is generated by plot.py at 2018-01-02 13:47:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 31.893 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 65.82 Mbit/s
95th percentile per-packet one-way delay: 31.784 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 34.82 Mbit/s
95th percentile per-packet one-way delay: 32.077 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 32.144 ms
Loss rate: 3.15%
```

Run 5: Report of QUIC Cubic — Data Link

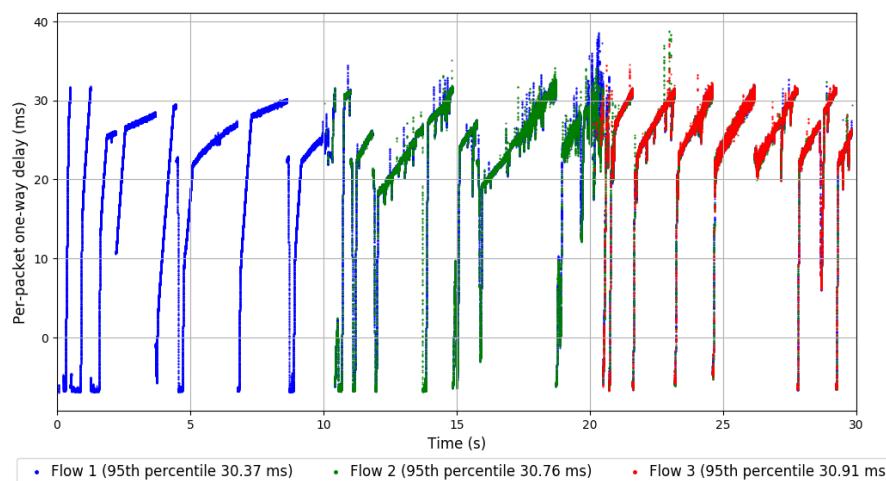
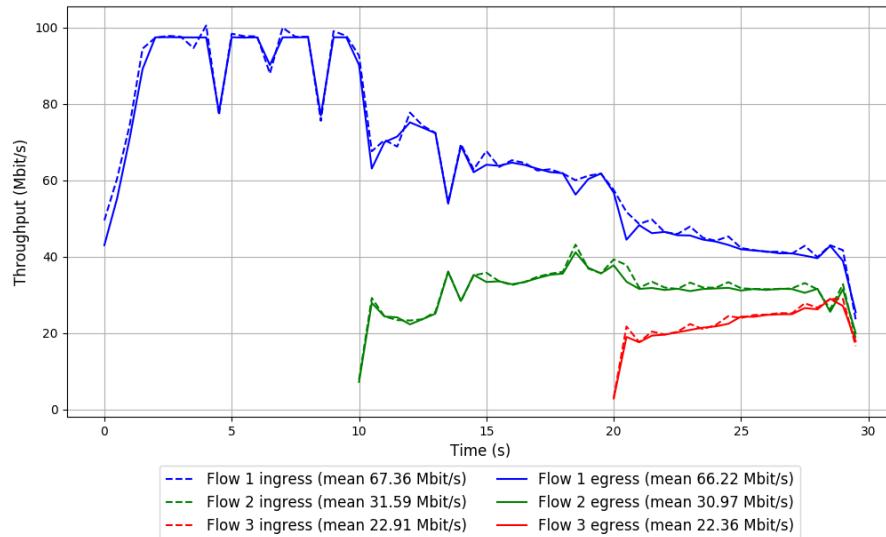


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-01-02 11:53:26
End at: 2018-01-02 11:53:56
Local clock offset: -2.285 ms
Remote clock offset: -17.374 ms

# Below is generated by plot.py at 2018-01-02 13:47:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 30.552 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 66.22 Mbit/s
95th percentile per-packet one-way delay: 30.367 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 30.761 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 30.911 ms
Loss rate: 2.41%
```

Run 6: Report of QUIC Cubic — Data Link

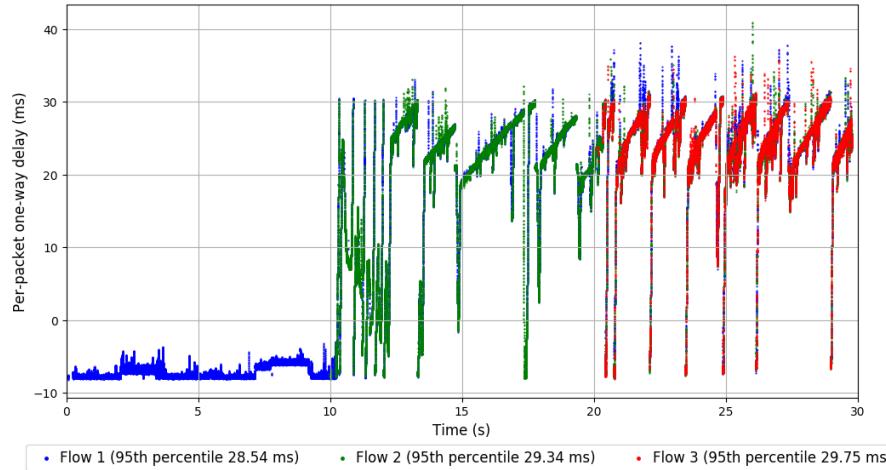
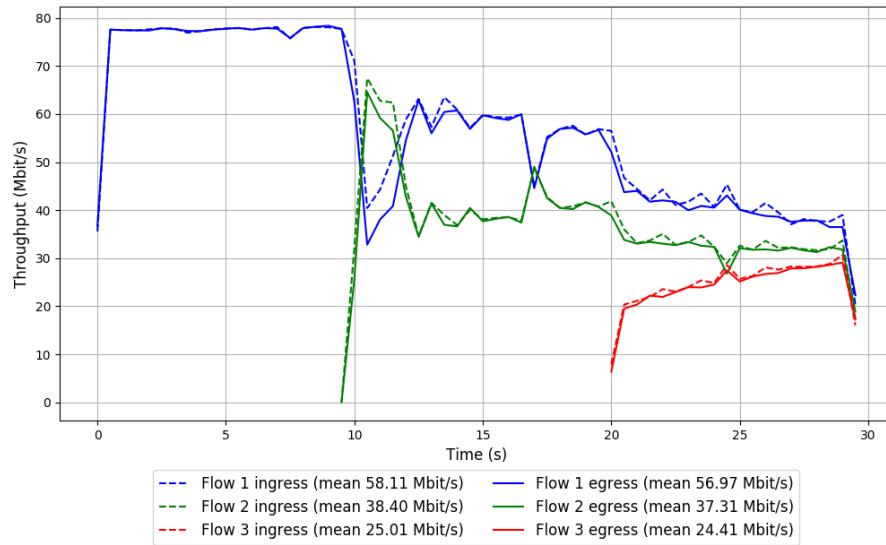


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-01-02 12:11:06
End at: 2018-01-02 12:11:36
Local clock offset: 0.294 ms
Remote clock offset: -17.111 ms

# Below is generated by plot.py at 2018-01-02 13:47:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 29.124 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 56.97 Mbit/s
95th percentile per-packet one-way delay: 28.540 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 37.31 Mbit/s
95th percentile per-packet one-way delay: 29.341 ms
Loss rate: 2.66%
-- Flow 3:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 29.754 ms
Loss rate: 2.37%
```

Run 7: Report of QUIC Cubic — Data Link

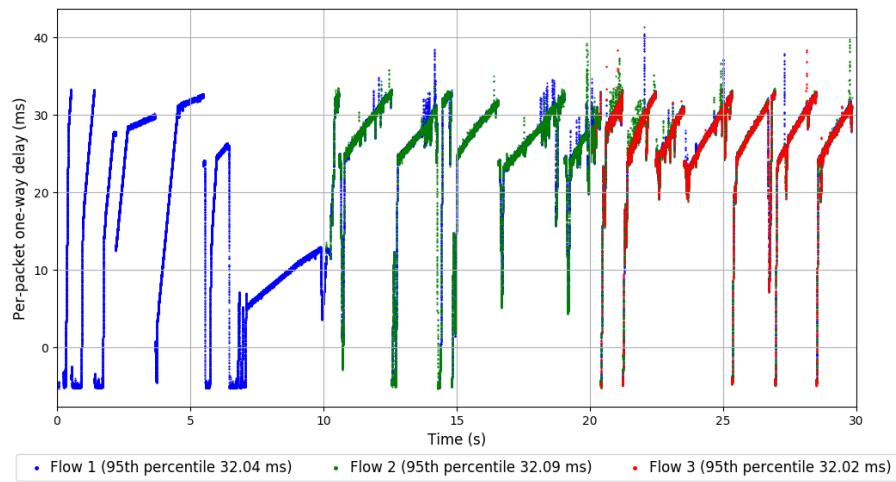
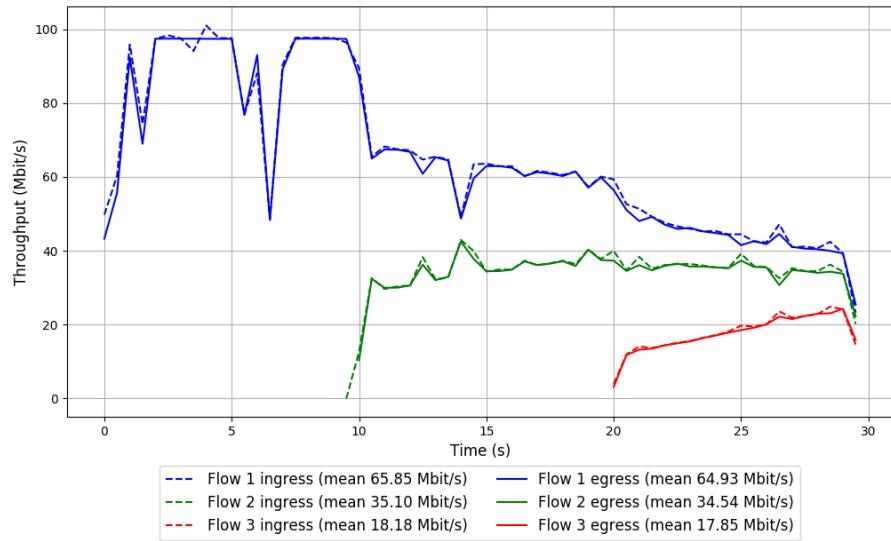


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-01-02 12:28:48
End at: 2018-01-02 12:29:18
Local clock offset: -0.615 ms
Remote clock offset: -14.454 ms

# Below is generated by plot.py at 2018-01-02 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 32.050 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 64.93 Mbit/s
95th percentile per-packet one-way delay: 32.038 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 34.54 Mbit/s
95th percentile per-packet one-way delay: 32.091 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 32.018 ms
Loss rate: 1.75%
```

Run 8: Report of QUIC Cubic — Data Link

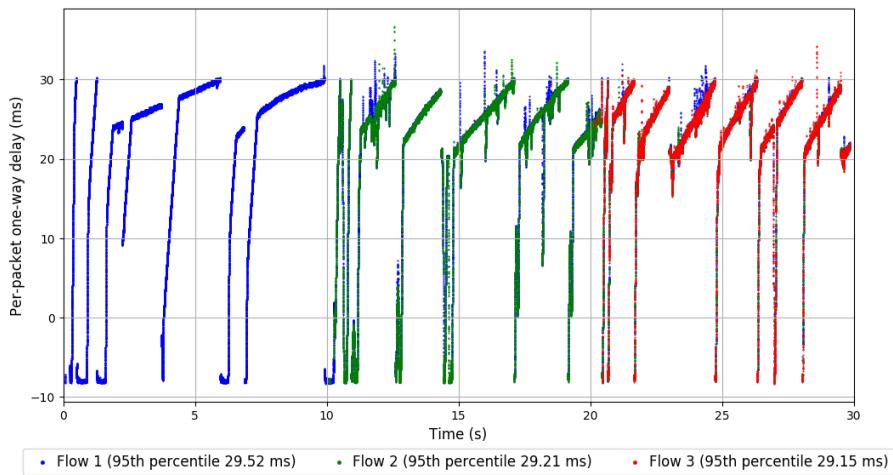
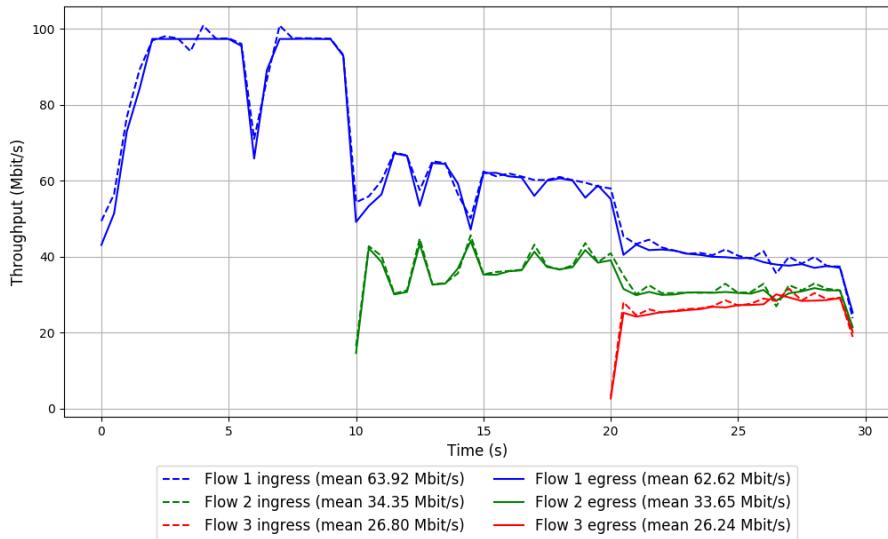


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-01-02 12:46:27
End at: 2018-01-02 12:46:57
Local clock offset: -1.108 ms
Remote clock offset: -16.297 ms

# Below is generated by plot.py at 2018-01-02 13:47:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 29.431 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 62.62 Mbit/s
95th percentile per-packet one-way delay: 29.517 ms
Loss rate: 1.93%
-- Flow 2:
Average throughput: 33.65 Mbit/s
95th percentile per-packet one-way delay: 29.207 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 29.150 ms
Loss rate: 2.12%
```

Run 9: Report of QUIC Cubic — Data Link

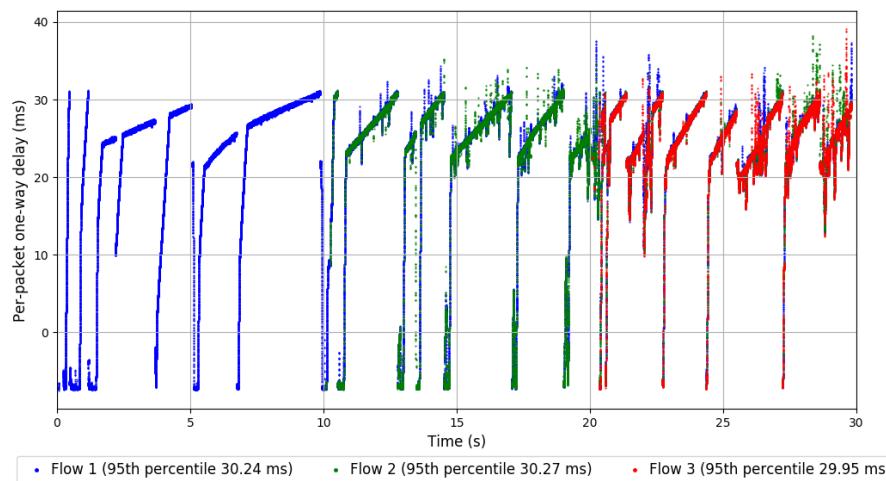
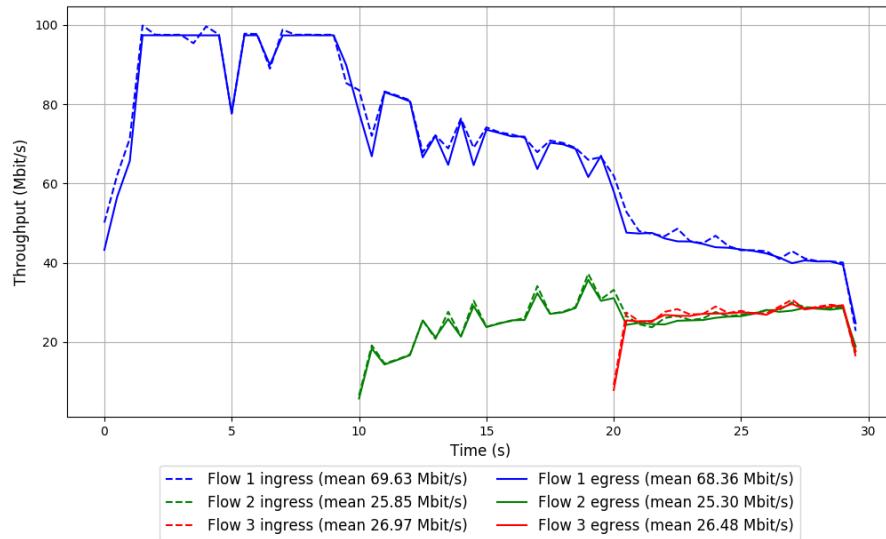


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-01-02 13:04:13
End at: 2018-01-02 13:04:43
Local clock offset: -1.463 ms
Remote clock offset: -13.896 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.85 Mbit/s
95th percentile per-packet one-way delay: 30.226 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 30.242 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 30.265 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 29.949 ms
Loss rate: 1.72%
```

Run 10: Report of QUIC Cubic — Data Link

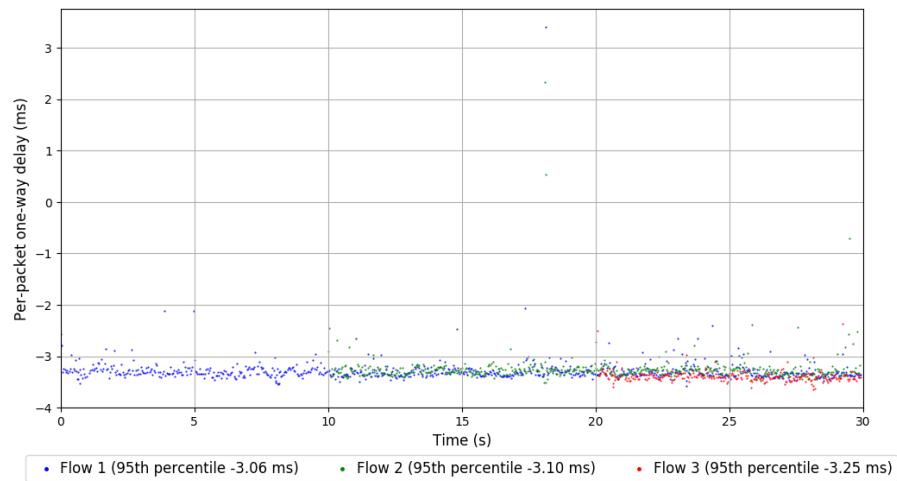
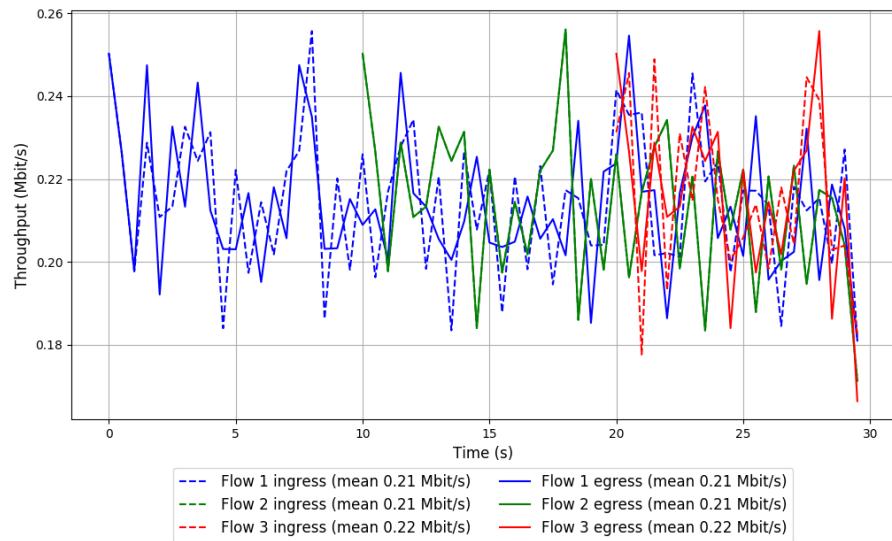


```
Run 1: Statistics of SCReAM

Start at: 2018-01-02 10:32:01
End at: 2018-01-02 10:32:31
Local clock offset: -1.716 ms
Remote clock offset: -14.545 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -3.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.255 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

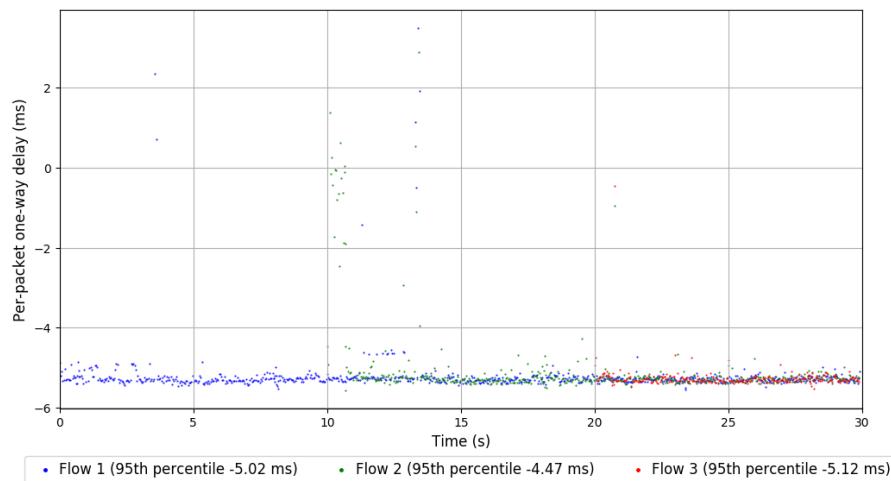
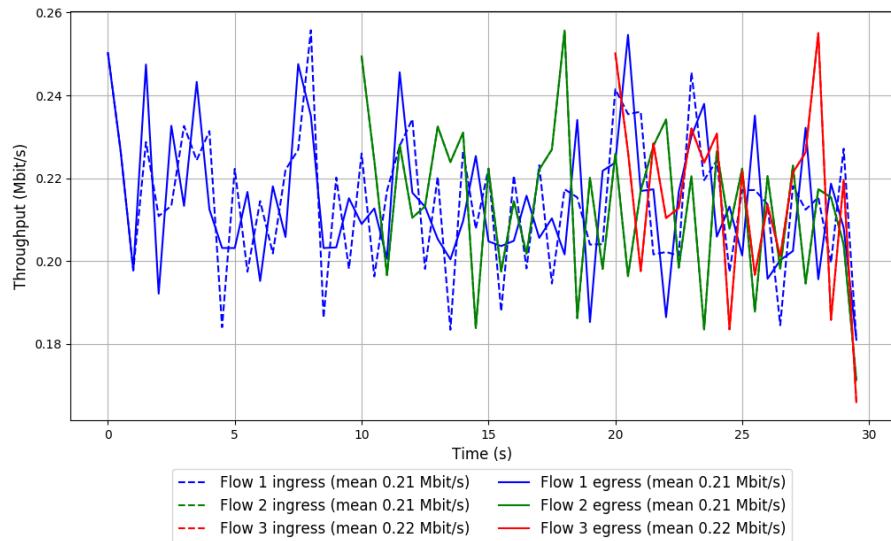


Run 2: Statistics of SCReAM

```
Start at: 2018-01-02 10:49:41
End at: 2018-01-02 10:50:11
Local clock offset: 0.44 ms
Remote clock offset: -14.657 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.019 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.469 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.116 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

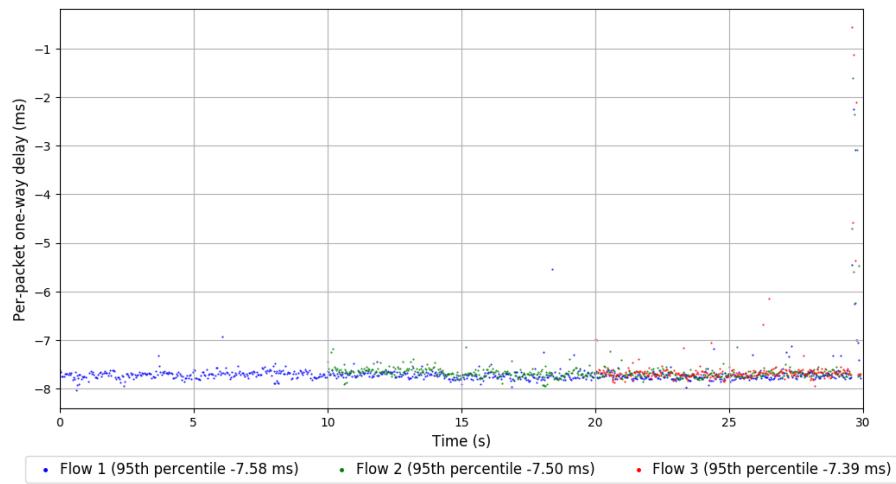
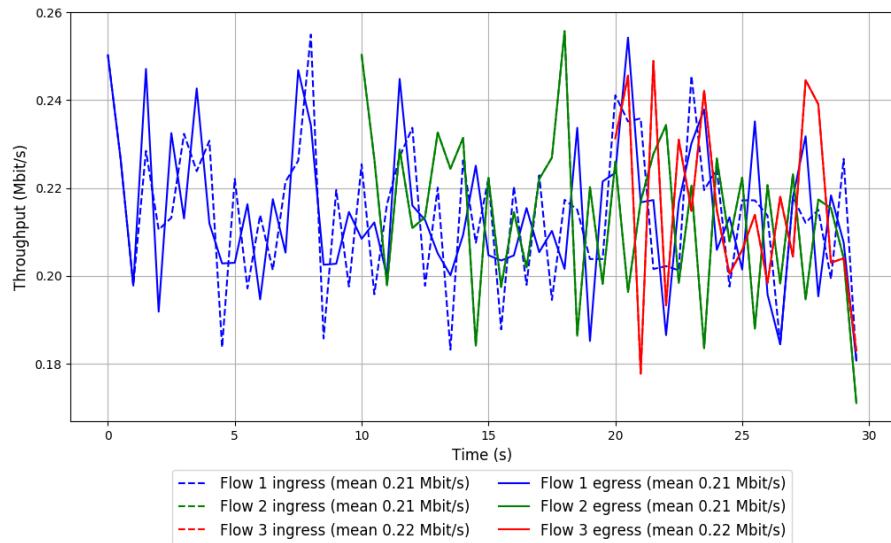


Run 3: Statistics of SCReAM

```
Start at: 2018-01-02 11:07:36
End at: 2018-01-02 11:08:06
Local clock offset: 0.742 ms
Remote clock offset: -16.615 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.585 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.498 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.387 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

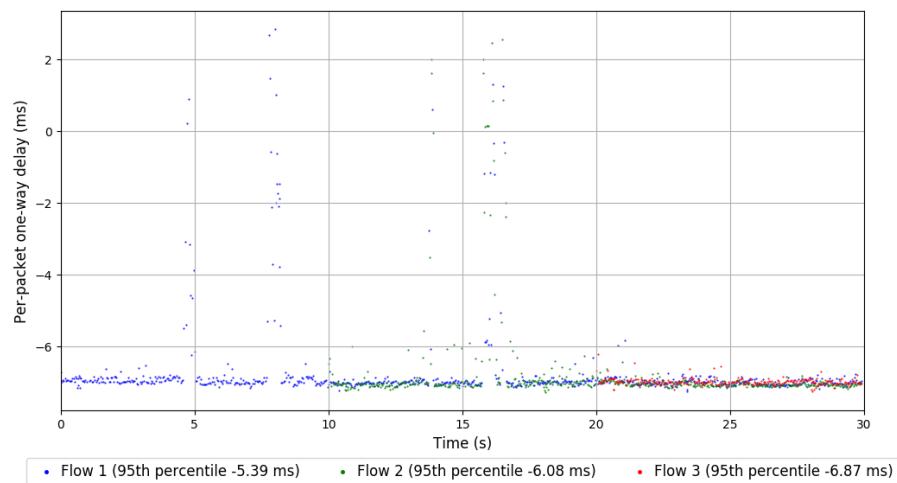
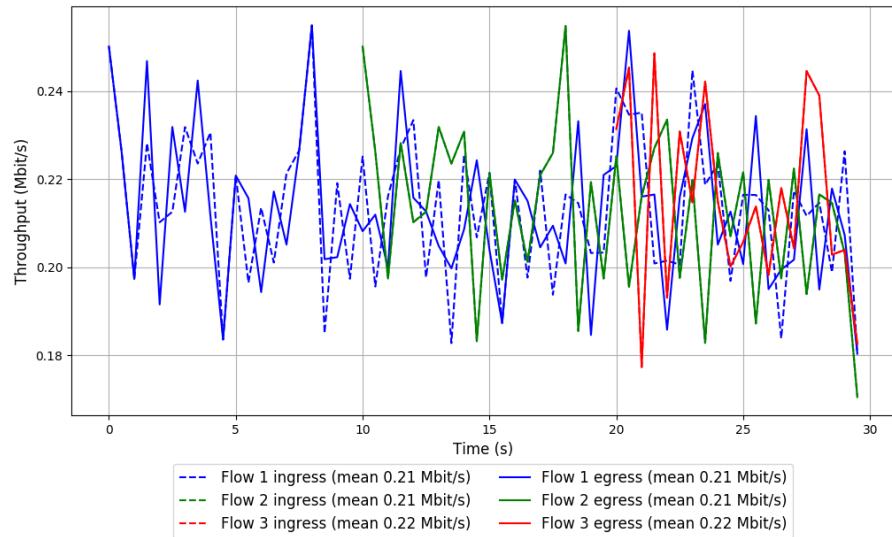


Run 4: Statistics of SCReAM

```
Start at: 2018-01-02 11:25:20
End at: 2018-01-02 11:25:50
Local clock offset: -0.51 ms
Remote clock offset: -17.066 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.390 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.079 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.870 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

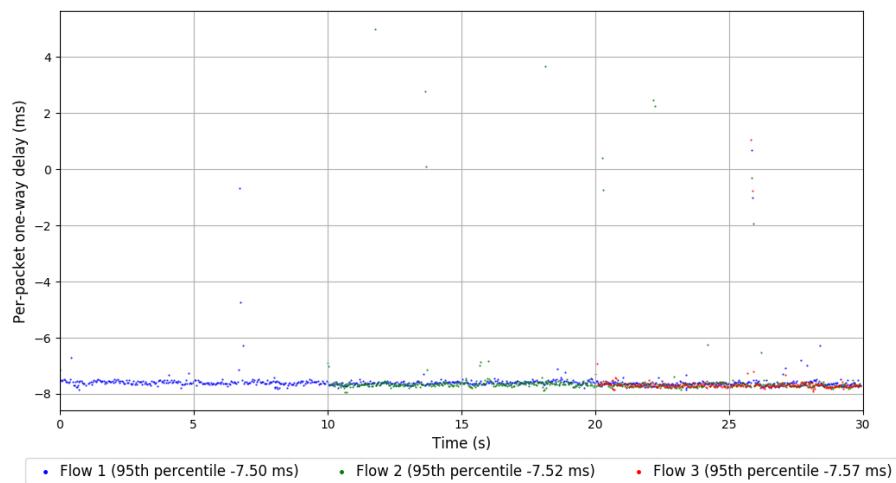
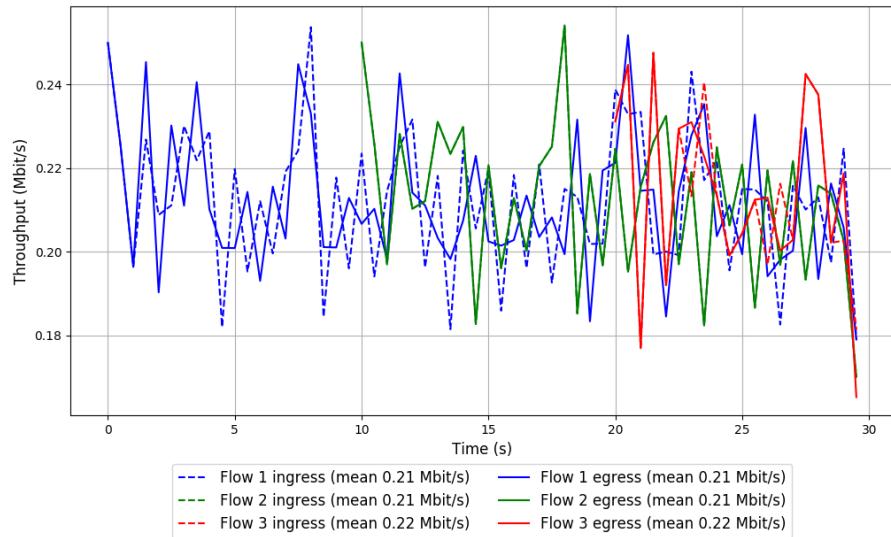


Run 5: Statistics of SCReAM

```
Start at: 2018-01-02 11:42:55
End at: 2018-01-02 11:43:25
Local clock offset: 0.027 ms
Remote clock offset: -16.418 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.501 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.496 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.517 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.567 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

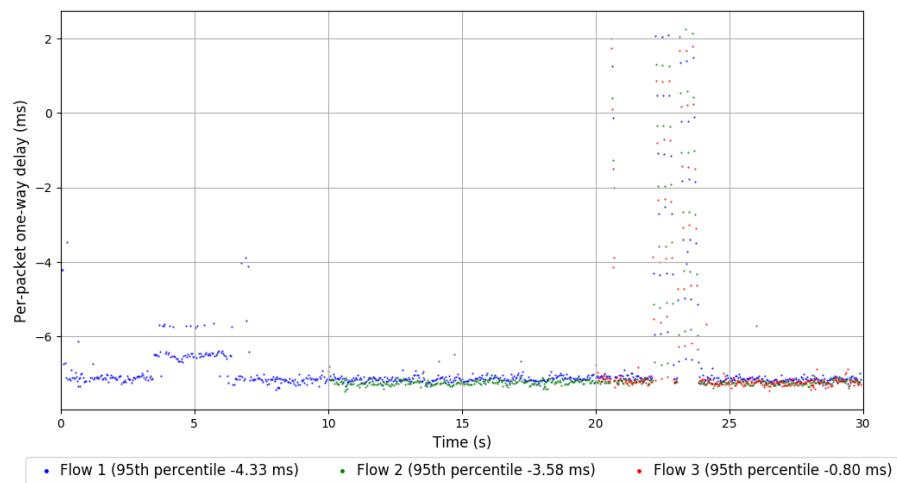
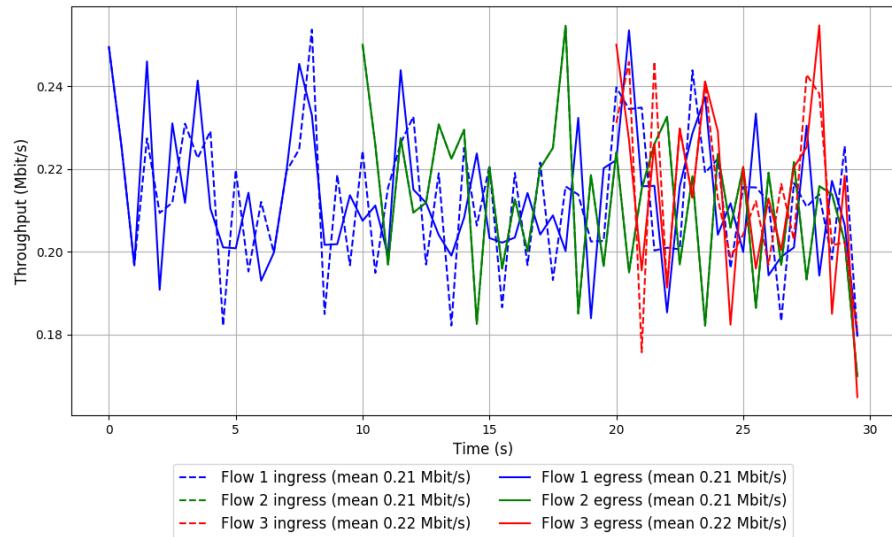


Run 6: Statistics of SCReAM

```
Start at: 2018-01-02 12:00:34
End at: 2018-01-02 12:01:04
Local clock offset: -0.96 ms
Remote clock offset: -17.054 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -3.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.579 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.799 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

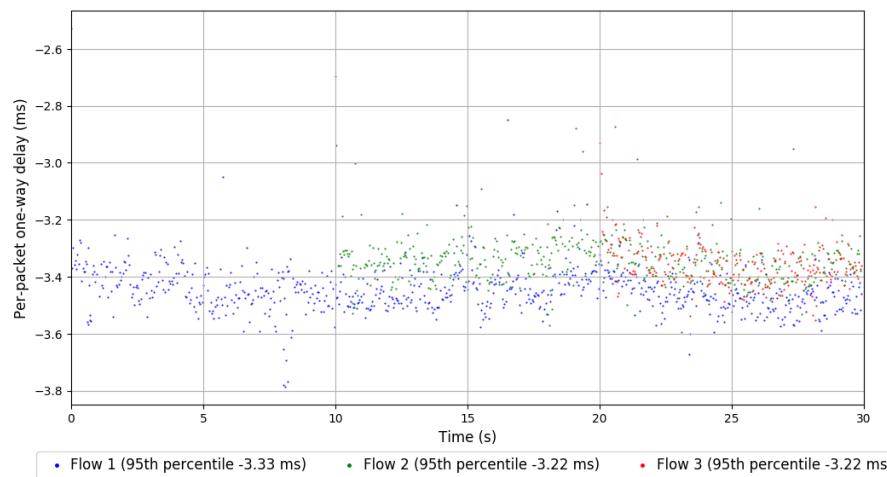
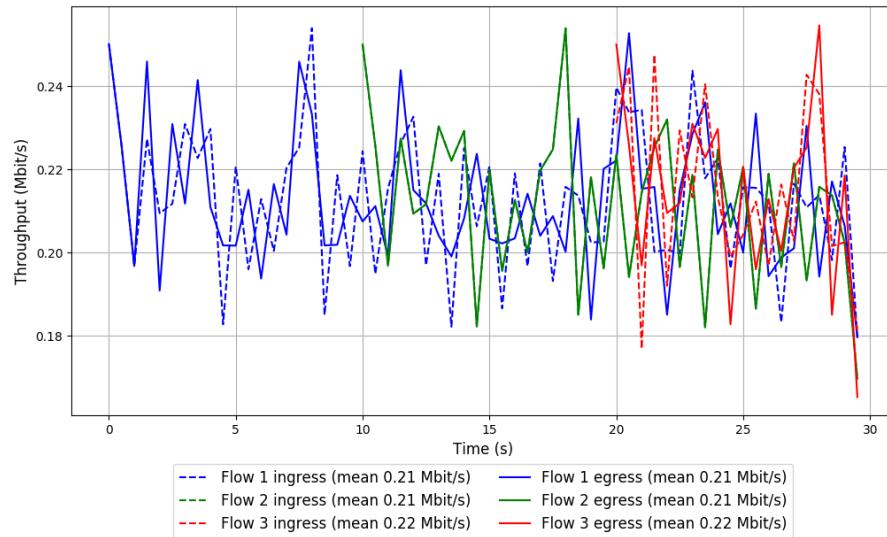


Run 7: Statistics of SCReAM

```
Start at: 2018-01-02 12:18:21
End at: 2018-01-02 12:18:51
Local clock offset: -4.282 ms
Remote clock offset: -17.004 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -3.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.217 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

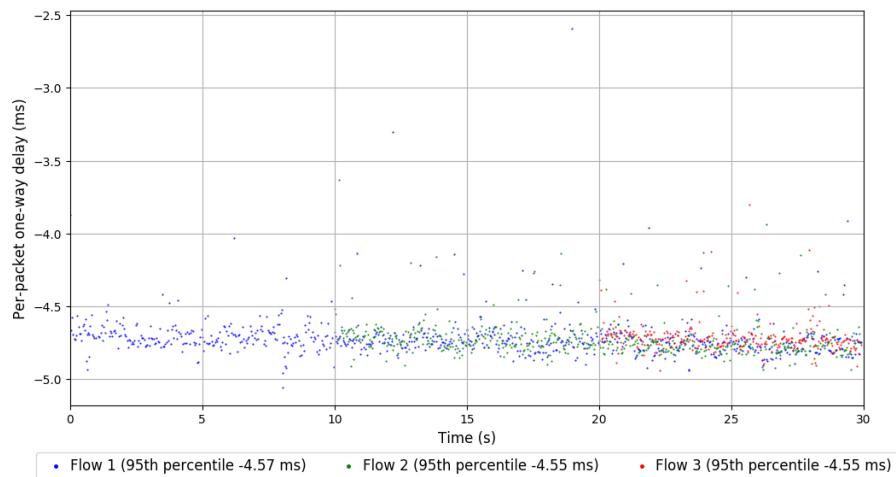
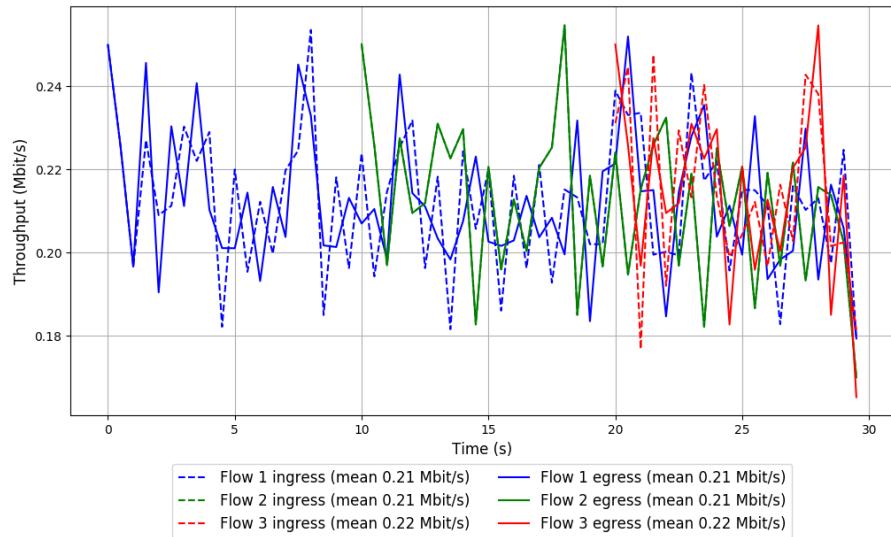


Run 8: Statistics of SCReAM

```
Start at: 2018-01-02 12:35:55
End at: 2018-01-02 12:36:25
Local clock offset: -2.679 ms
Remote clock offset: -15.406 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.568 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.551 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.551 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

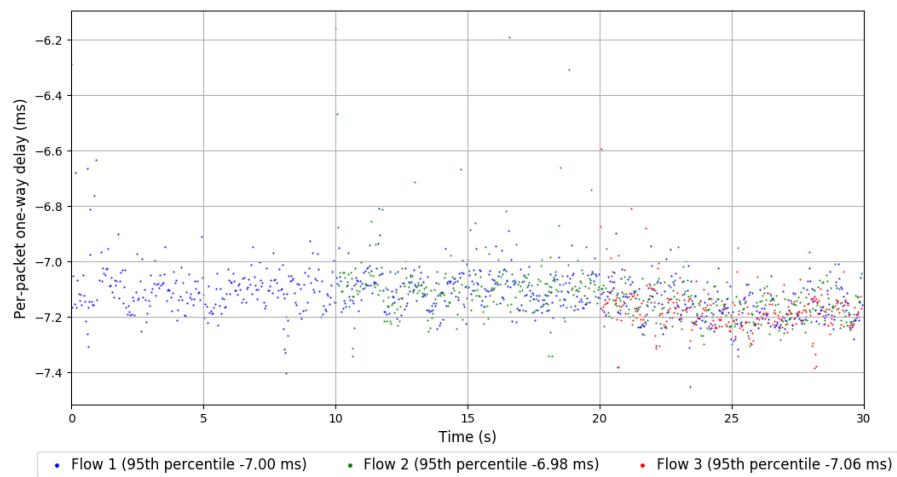
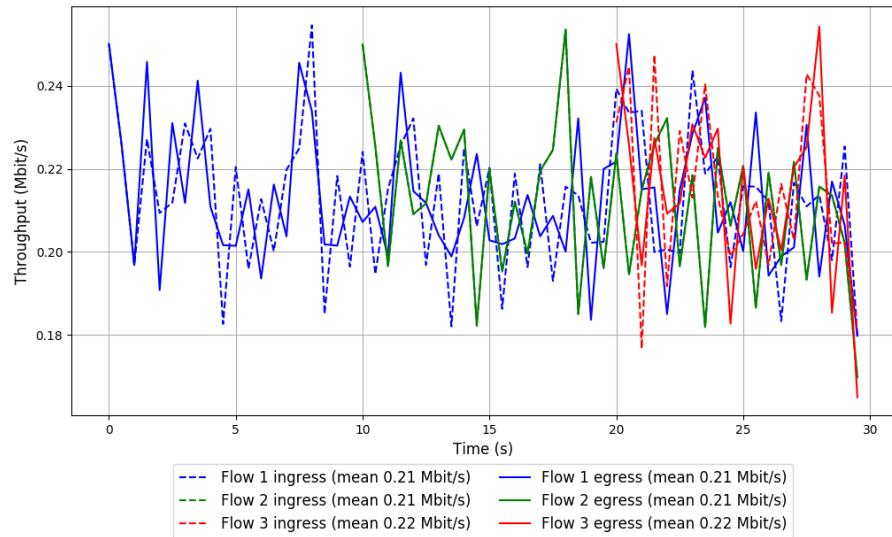


Run 9: Statistics of SCReAM

```
Start at: 2018-01-02 12:53:39
End at: 2018-01-02 12:54:09
Local clock offset: -2.366 ms
Remote clock offset: -15.915 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.996 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.984 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.056 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

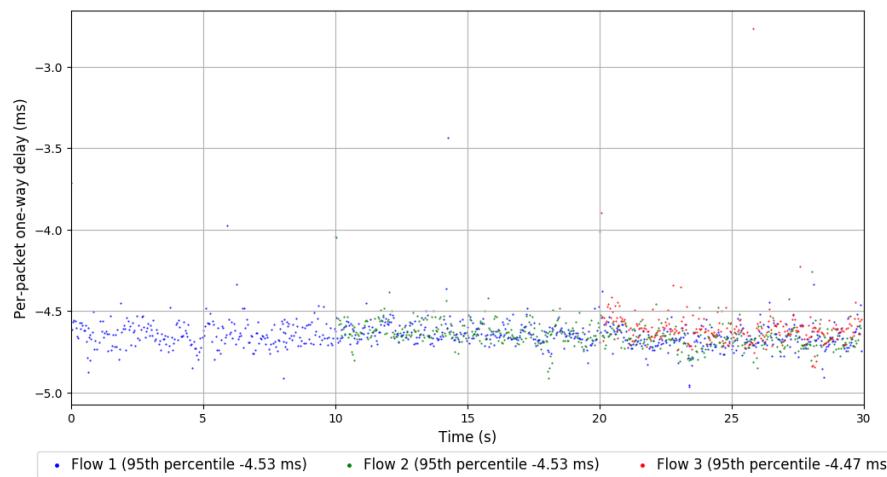
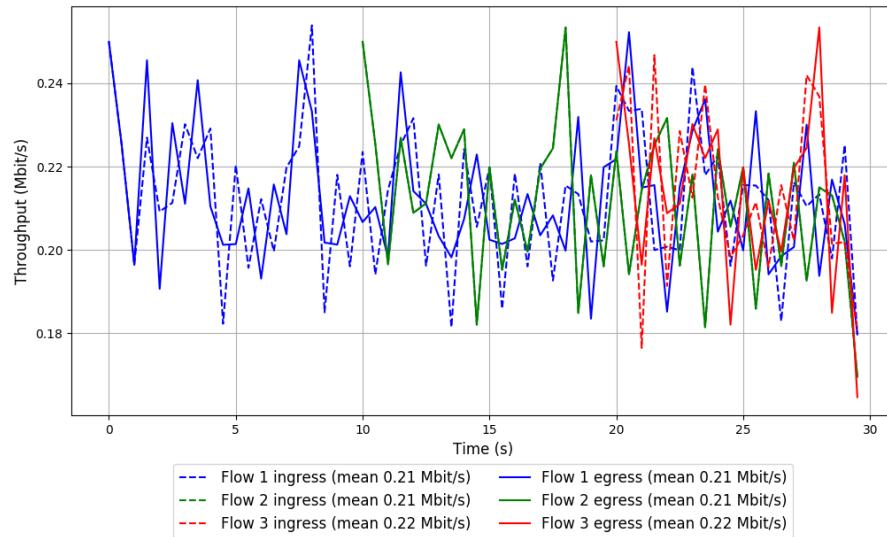


Run 10: Statistics of SCReAM

```
Start at: 2018-01-02 13:11:25
End at: 2018-01-02 13:11:55
Local clock offset: -2.829 ms
Remote clock offset: -12.71 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.533 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.529 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.471 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

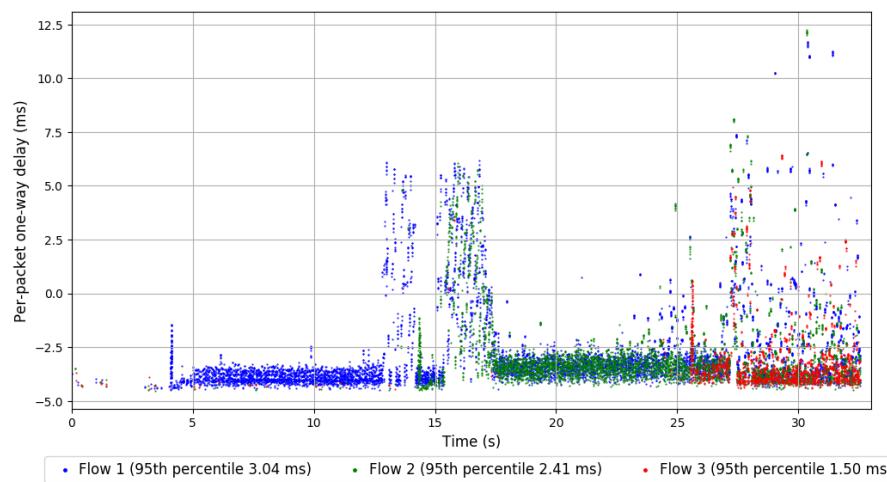
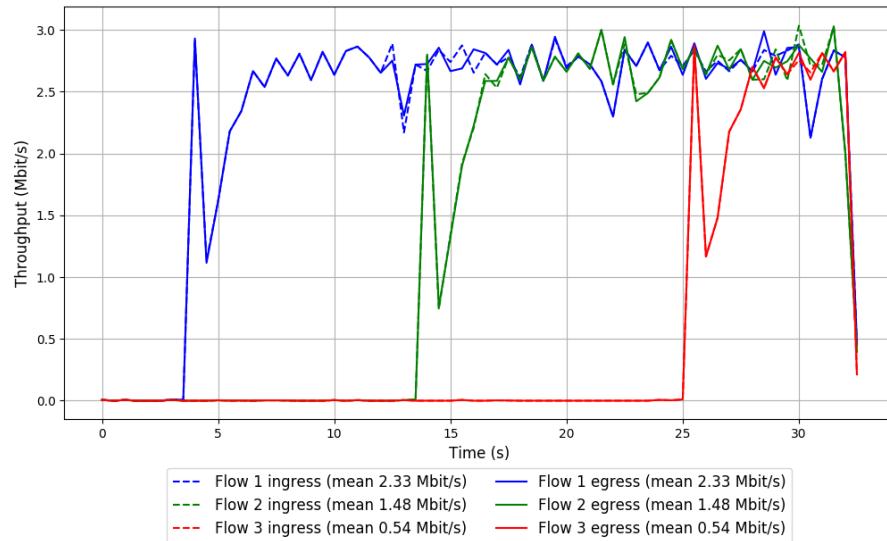


```
Run 1: Statistics of WebRTC media

Start at: 2018-01-02 10:19:08
End at: 2018-01-02 10:19:38
Local clock offset: 0.02 ms
Remote clock offset: -13.803 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 2.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 2.413 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 1.500 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

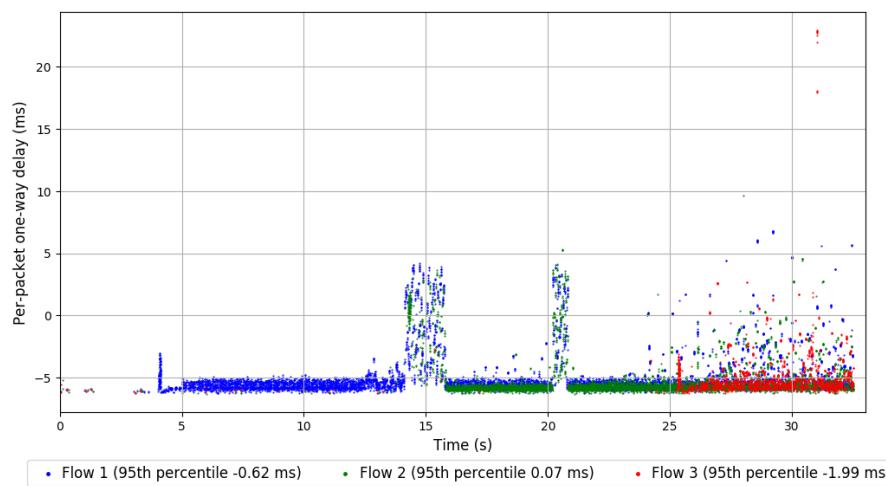
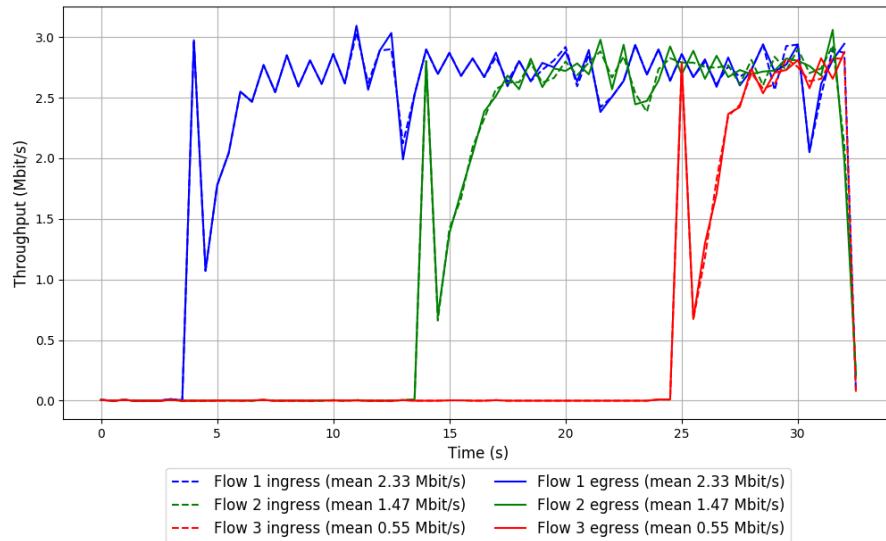


Run 2: Statistics of WebRTC media

```
Start at: 2018-01-02 10:36:42
End at: 2018-01-02 10:37:12
Local clock offset: 0.56 ms
Remote clock offset: -14.727 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: -0.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -0.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 0.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -1.985 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

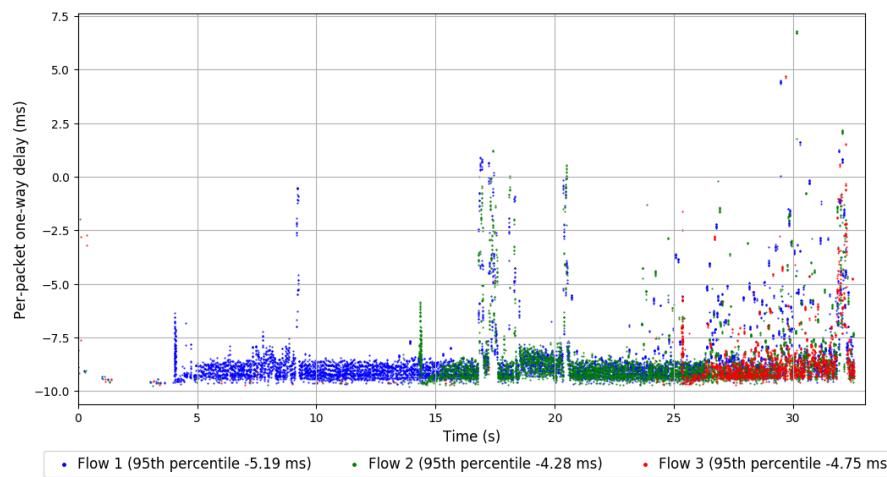
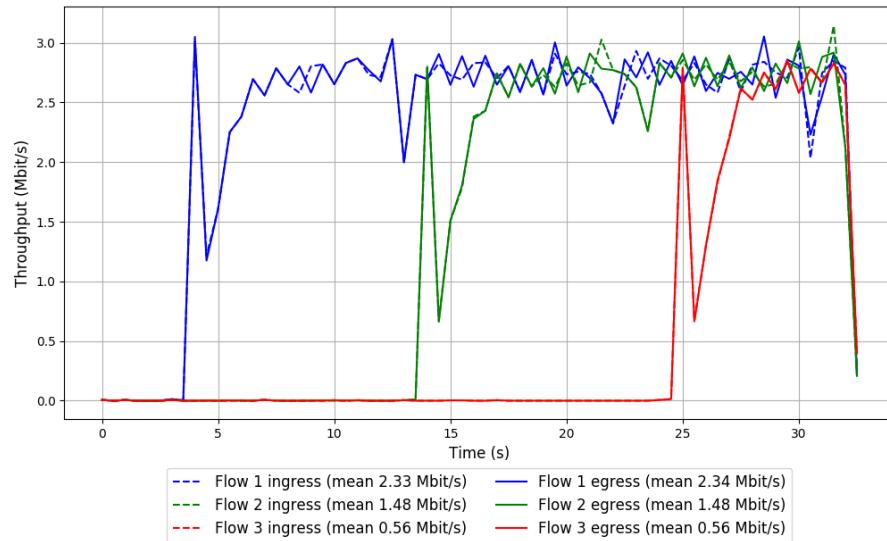


```
Run 3: Statistics of WebRTC media

Start at: 2018-01-02 10:54:28
End at: 2018-01-02 10:54:58
Local clock offset: 1.506 ms
Remote clock offset: -17.715 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: -4.844 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.189 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: -4.276 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: -4.745 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

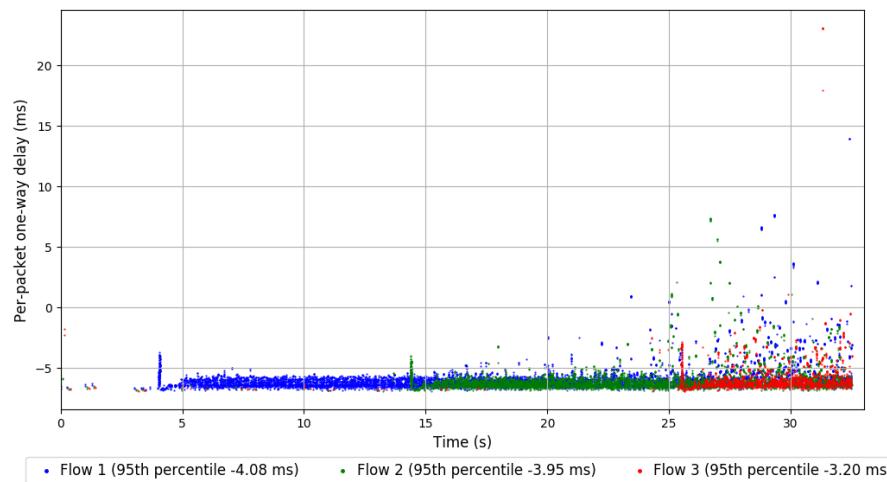
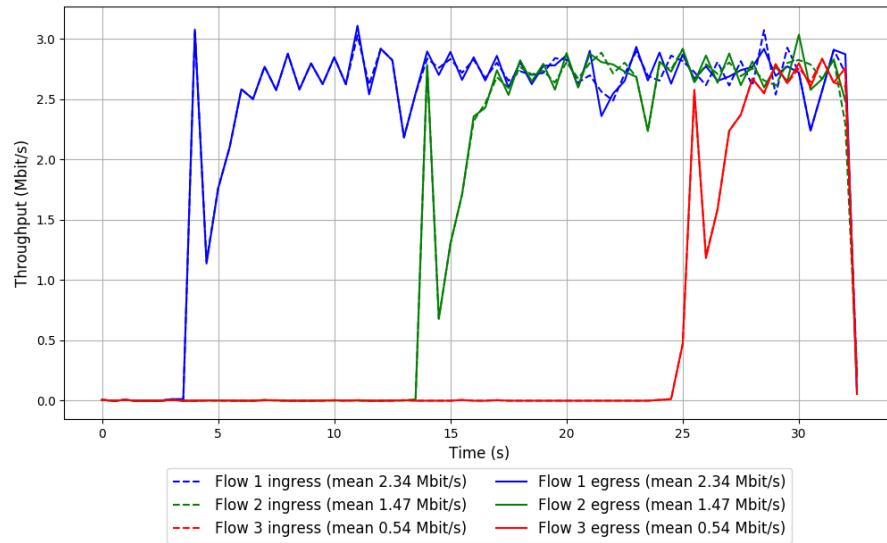


Run 4: Statistics of WebRTC media

```
Start at: 2018-01-02 11:12:17
End at: 2018-01-02 11:12:47
Local clock offset: 0.64 ms
Remote clock offset: -15.447 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: -3.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -3.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: -3.204 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

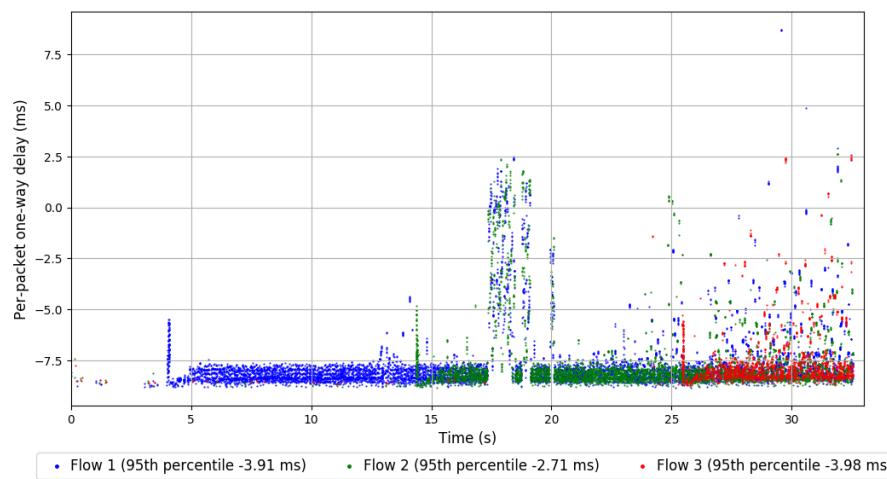
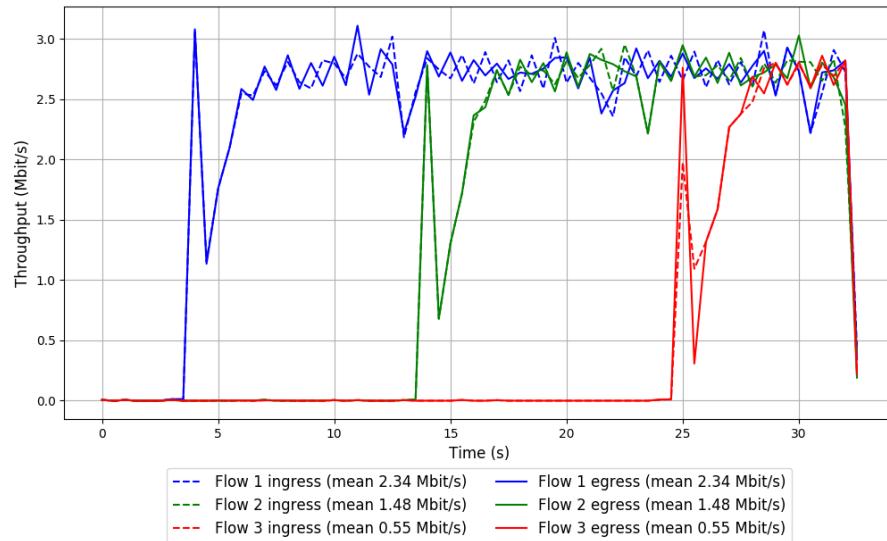


Run 5: Statistics of WebRTC media

```
Start at: 2018-01-02 11:30:03
End at: 2018-01-02 11:30:33
Local clock offset: 2.373 ms
Remote clock offset: -15.426 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: -3.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -3.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: -2.714 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -3.979 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

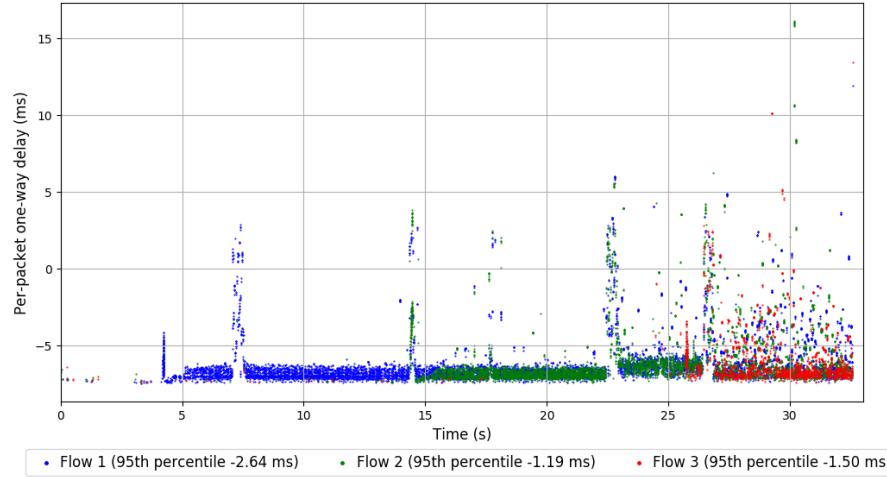
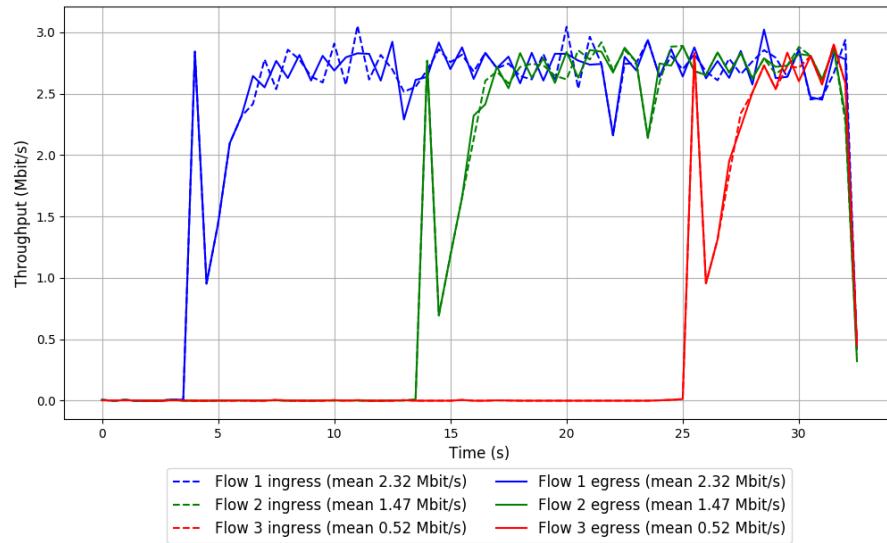


Run 6: Statistics of WebRTC media

```
Start at: 2018-01-02 11:47:41
End at: 2018-01-02 11:48:11
Local clock offset: 0.008 ms
Remote clock offset: -15.624 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: -1.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.639 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -1.192 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: -1.499 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

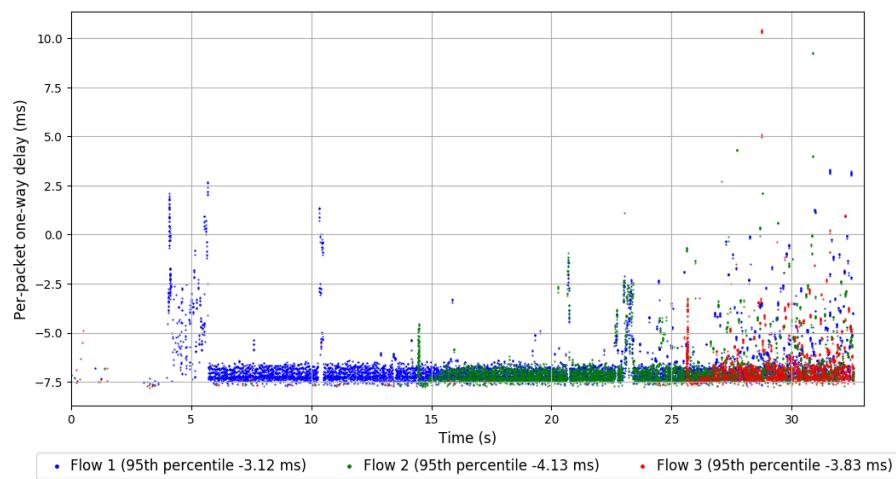
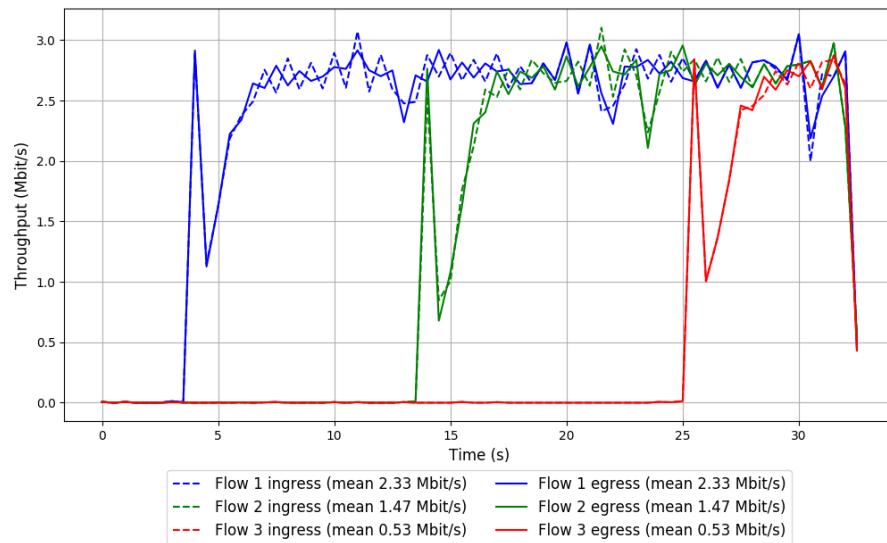


Run 7: Statistics of WebRTC media

```
Start at: 2018-01-02 12:05:16
End at: 2018-01-02 12:05:46
Local clock offset: 0.746 ms
Remote clock offset: -15.796 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: -3.546 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -3.124 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -4.128 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: -3.828 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

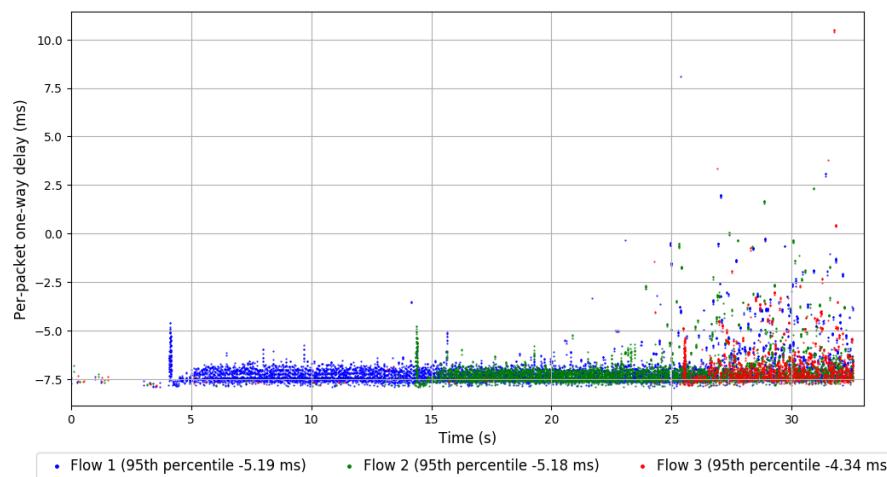
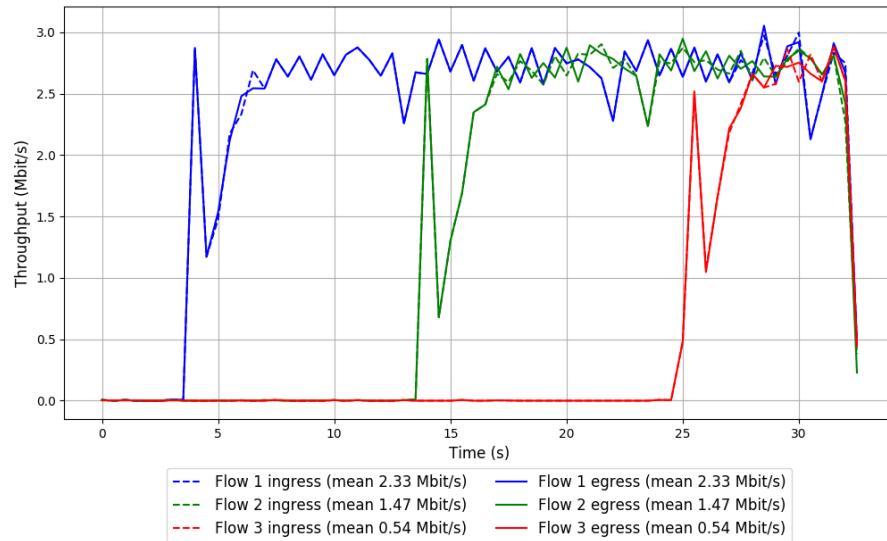


Run 8: Statistics of WebRTC media

```
Start at: 2018-01-02 12:23:03
End at: 2018-01-02 12:23:33
Local clock offset: 0.669 ms
Remote clock offset: -15.895 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: -4.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -5.191 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -5.180 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: -4.337 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

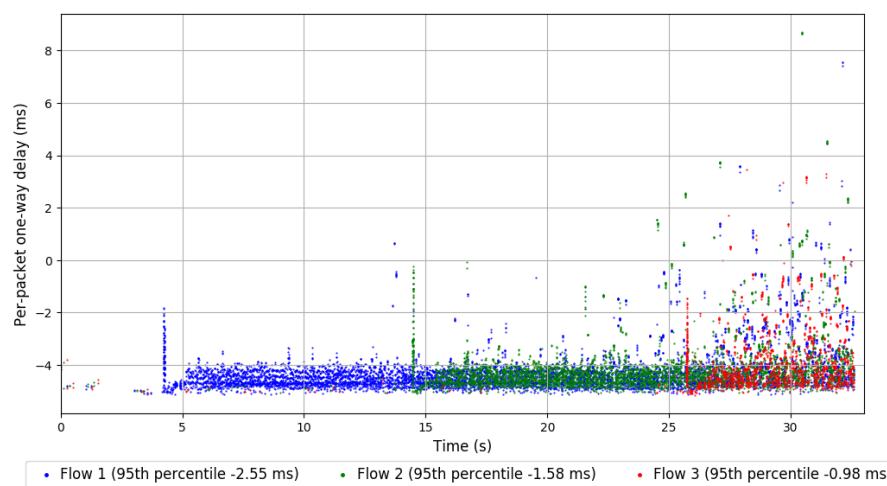
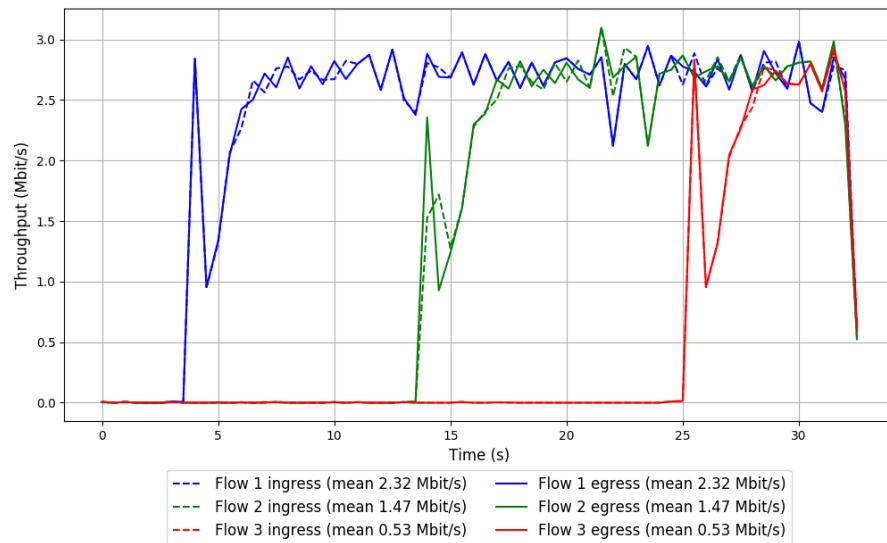


Run 9: Statistics of WebRTC media

```
Start at: 2018-01-02 12:40:41
End at: 2018-01-02 12:41:11
Local clock offset: -1.97 ms
Remote clock offset: -14.258 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: -2.082 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.550 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -1.580 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: -0.984 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

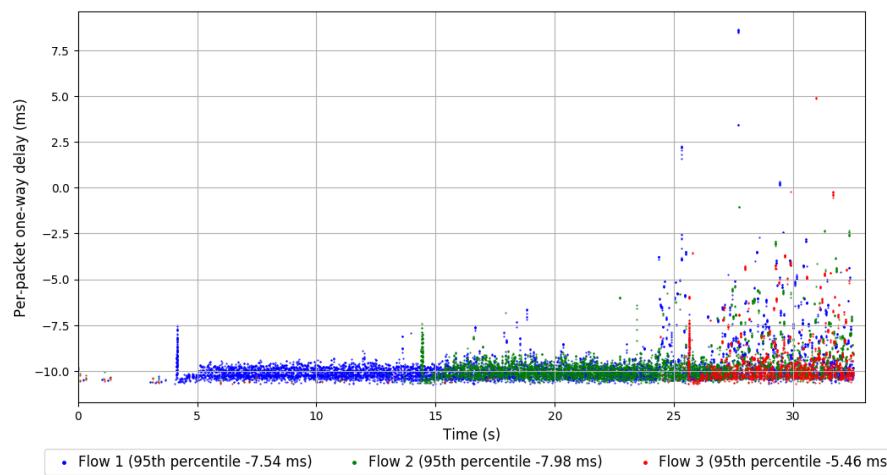
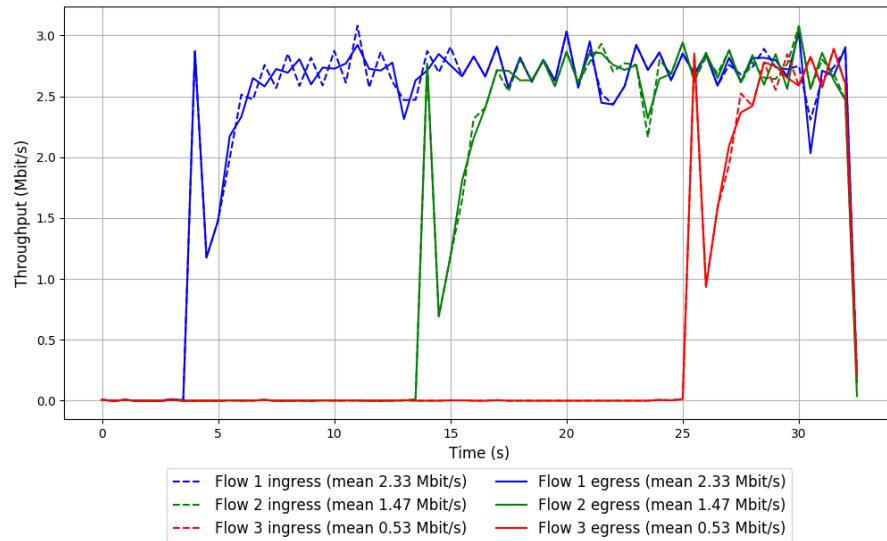


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-01-02 12:58:24
End at: 2018-01-02 12:58:54
Local clock offset: 0.836 ms
Remote clock offset: -15.283 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: -7.377 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -7.542 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -7.979 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: -5.462 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

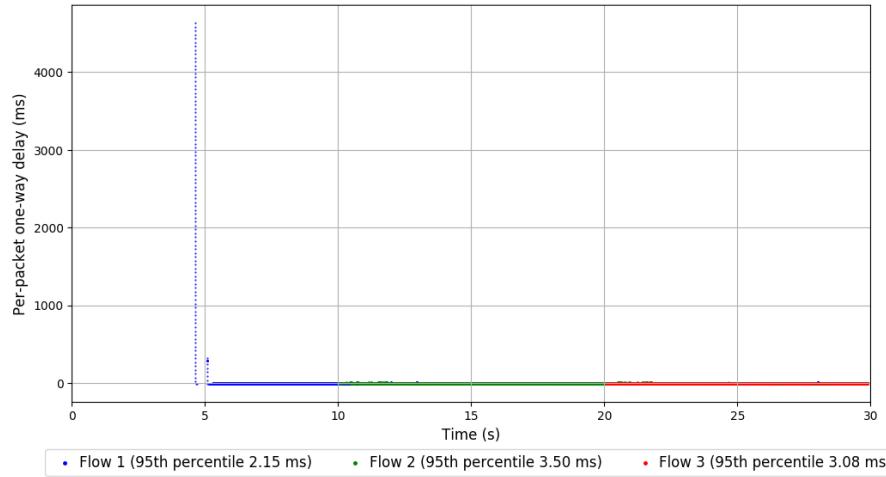
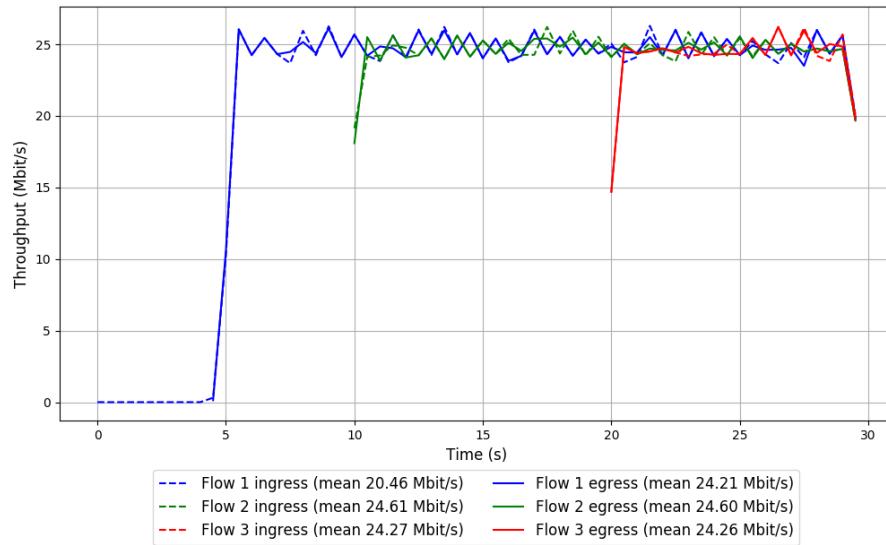


Run 1: Statistics of Sprout

```
Start at: 2018-01-02 10:28:25
End at: 2018-01-02 10:28:55
Local clock offset: 2.496 ms
Remote clock offset: -14.901 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 2.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 2.148 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 3.499 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

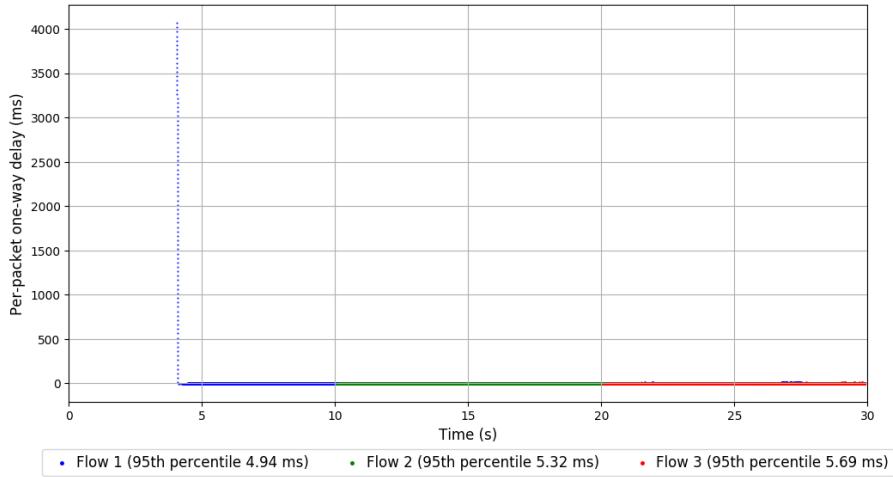
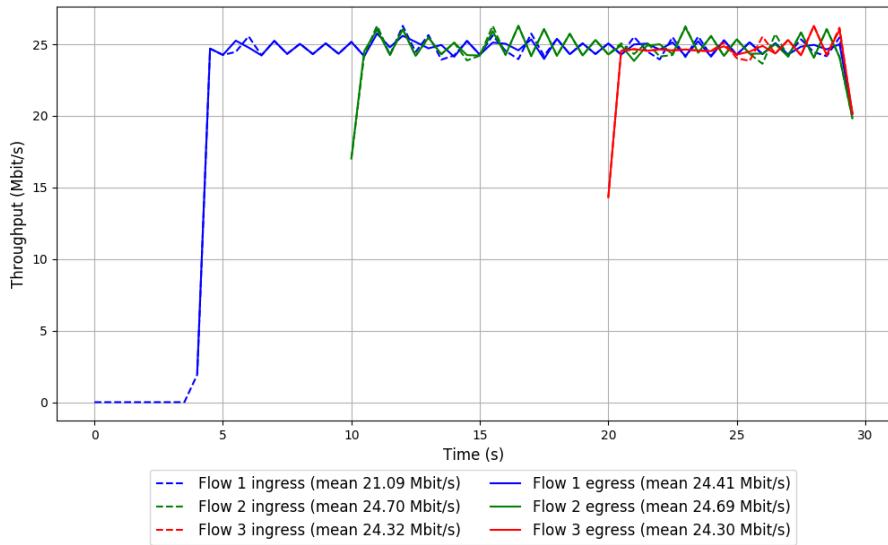


Run 2: Statistics of Sprout

```
Start at: 2018-01-02 10:46:10
End at: 2018-01-02 10:46:40
Local clock offset: -0.502 ms
Remote clock offset: -14.201 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 5.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 4.943 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 5.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 5.687 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

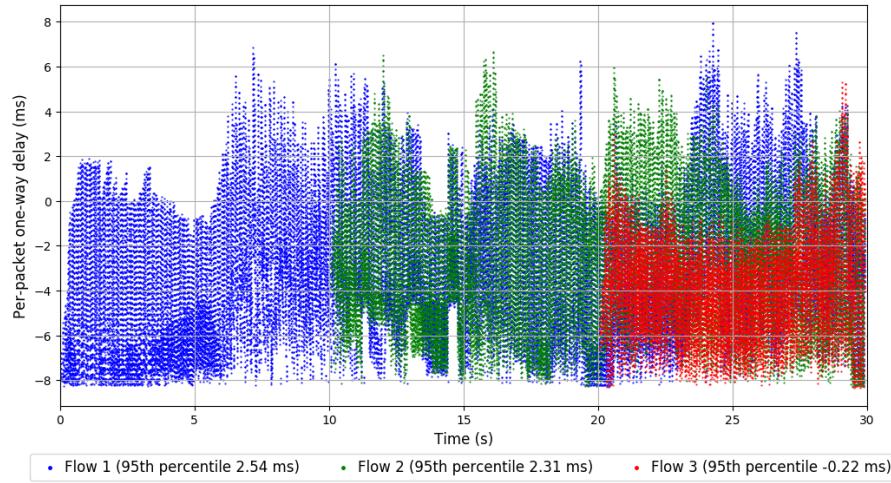
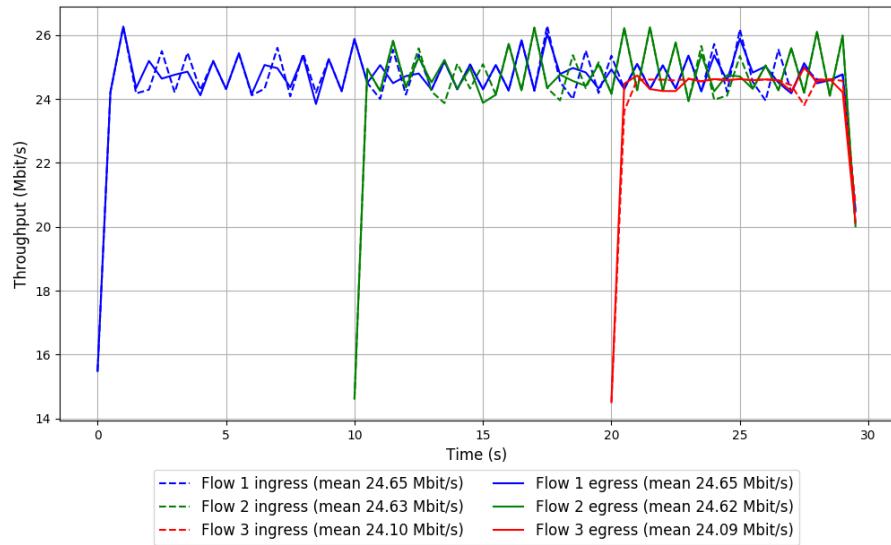


Run 3: Statistics of Sprout

```
Start at: 2018-01-02 11:04:02
End at: 2018-01-02 11:04:32
Local clock offset: 0.385 ms
Remote clock offset: -17.492 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 2.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: -0.217 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

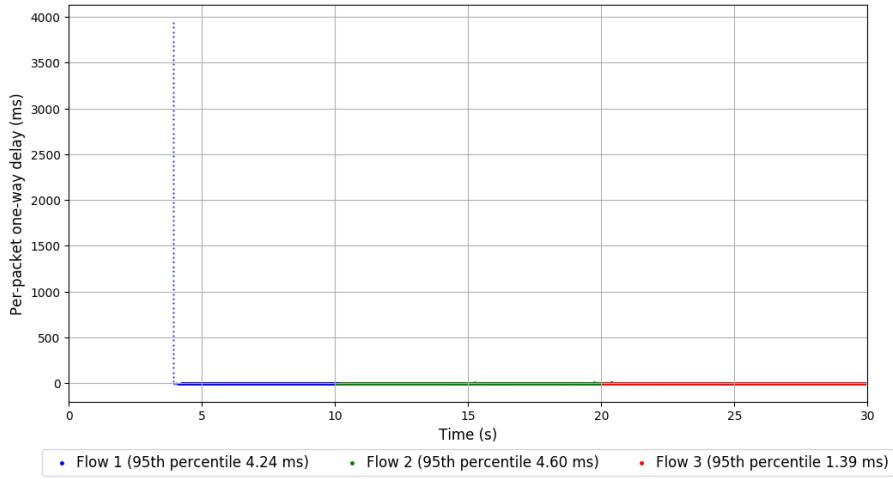
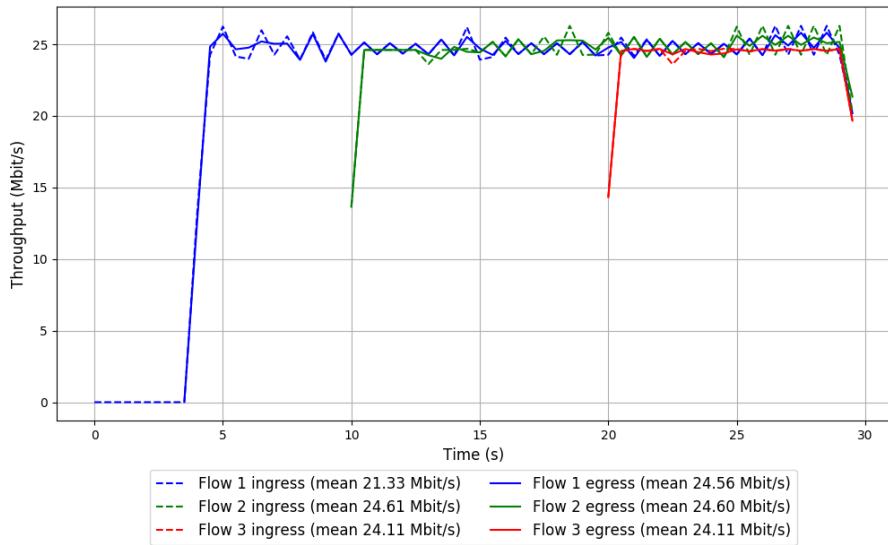


Run 4: Statistics of Sprout

```
Start at: 2018-01-02 11:21:46
End at: 2018-01-02 11:22:16
Local clock offset: -0.877 ms
Remote clock offset: -15.336 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 4.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 4.235 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 4.604 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 1.385 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

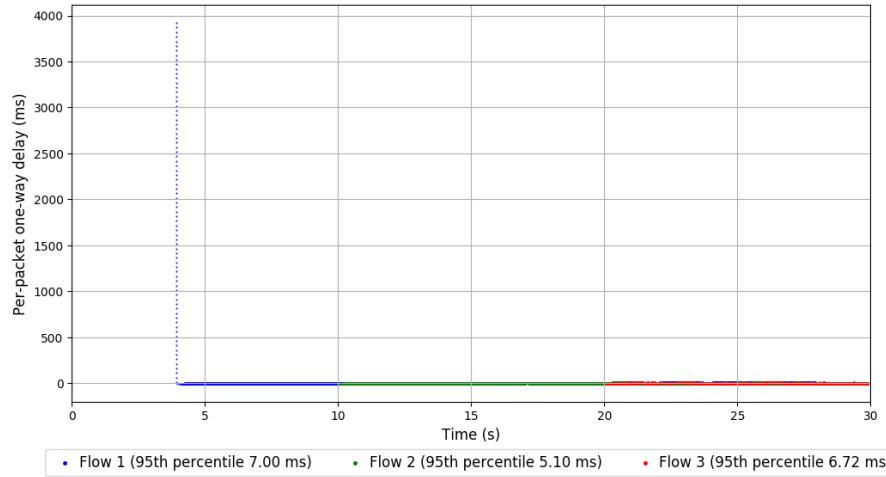
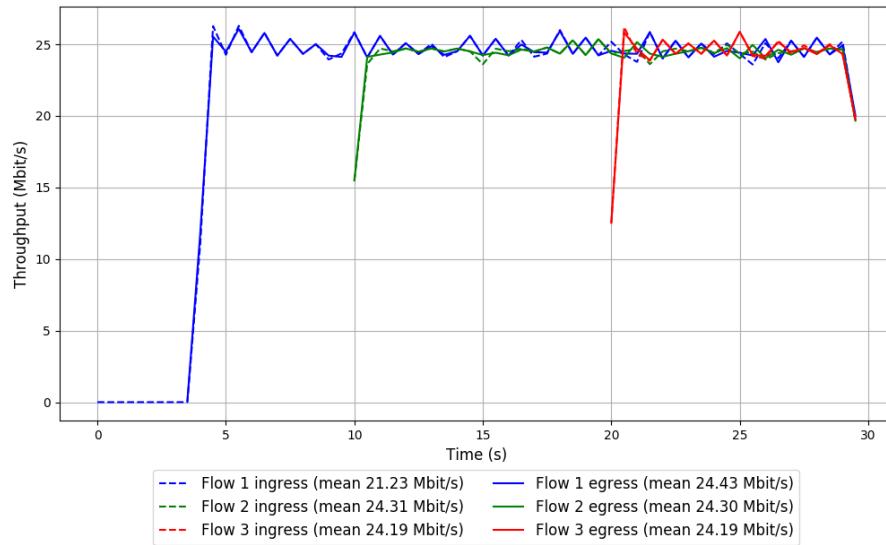


Run 5: Statistics of Sprout

```
Start at: 2018-01-02 11:39:21
End at: 2018-01-02 11:39:51
Local clock offset: -1.055 ms
Remote clock offset: -14.821 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 6.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 6.998 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 5.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 6.717 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

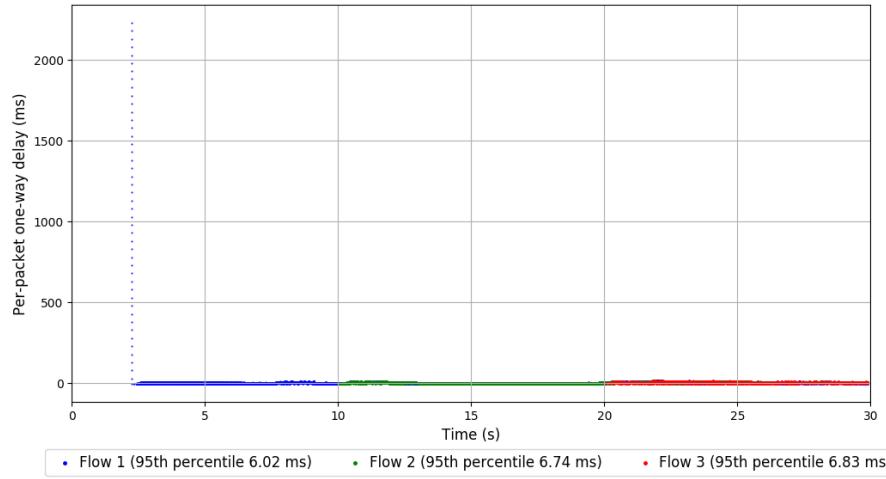
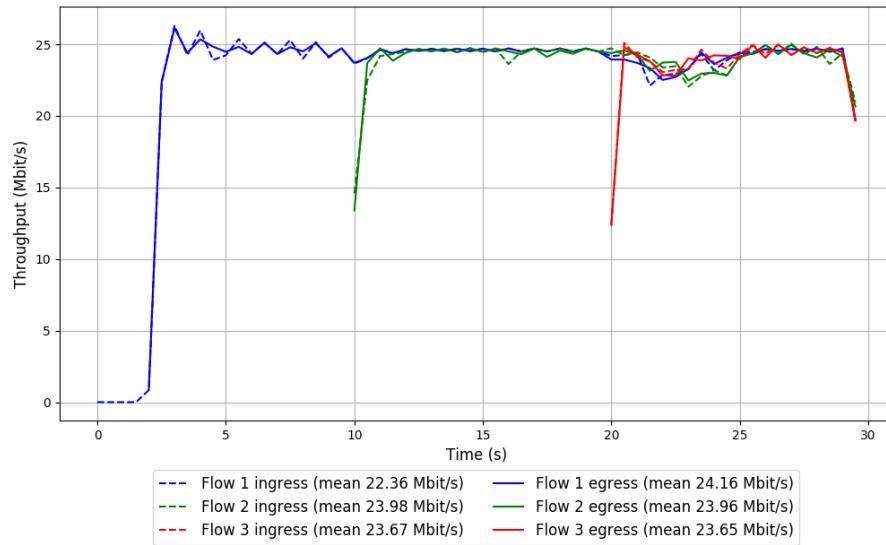


Run 6: Statistics of Sprout

```
Start at: 2018-01-02 11:57:01
End at: 2018-01-02 11:57:31
Local clock offset: -0.204 ms
Remote clock offset: -14.295 ms

# Below is generated by plot.py at 2018-01-02 13:48:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 6.453 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 6.022 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 6.738 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 6.828 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

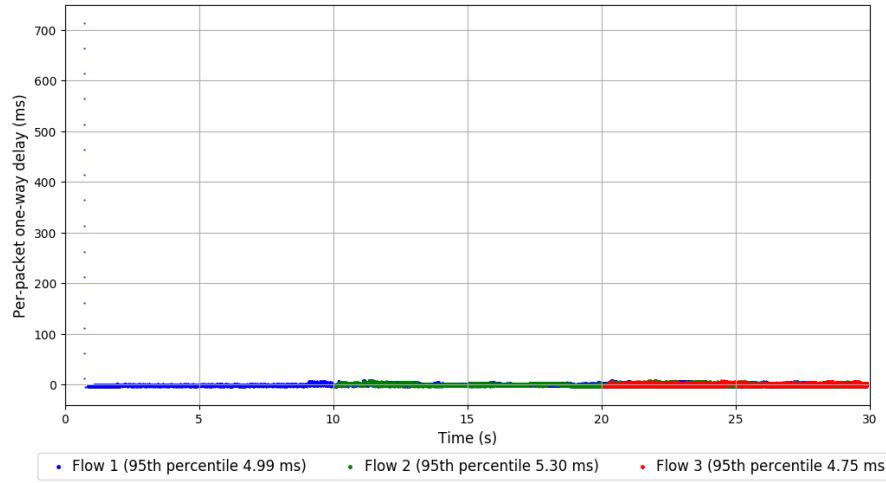
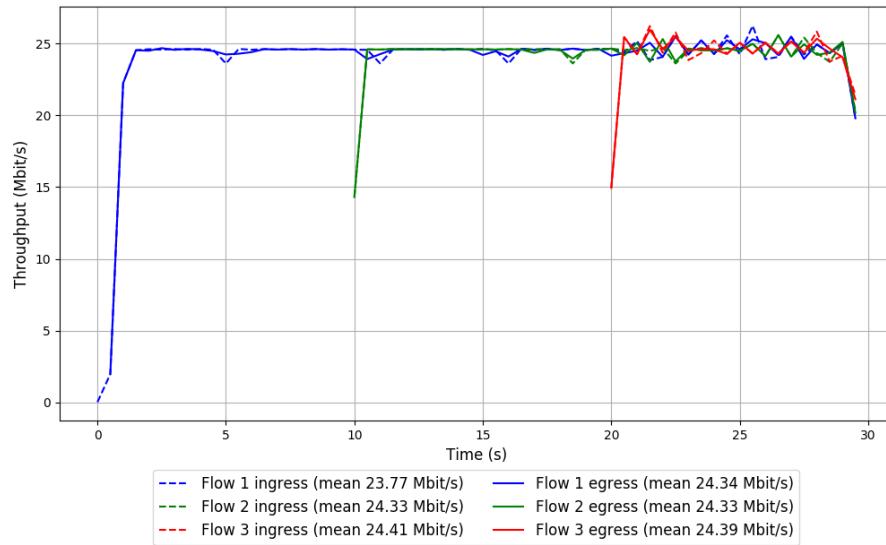


Run 7: Statistics of Sprout

```
Start at: 2018-01-02 12:14:47
End at: 2018-01-02 12:15:17
Local clock offset: -3.28 ms
Remote clock offset: -16.683 ms

# Below is generated by plot.py at 2018-01-02 13:48:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 5.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 4.989 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 5.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 4.748 ms
Loss rate: 0.00%
```

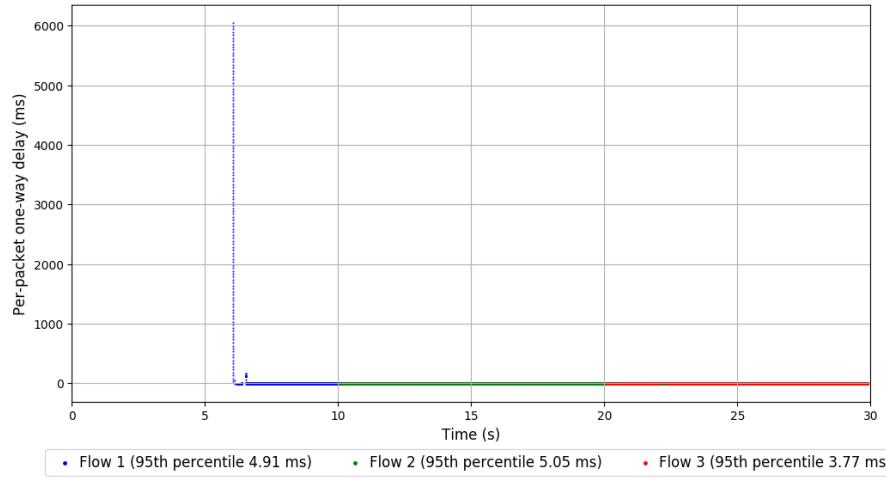
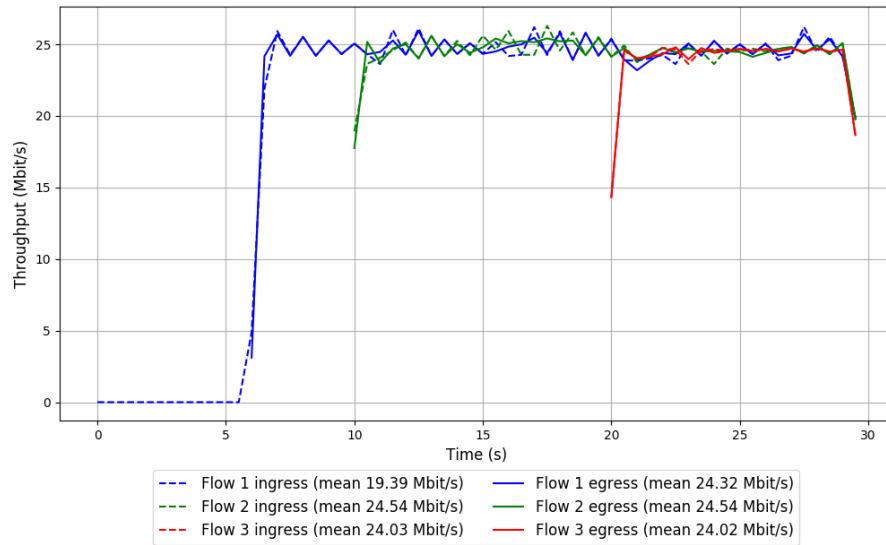
Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-01-02 12:32:22
End at: 2018-01-02 12:32:52
Local clock offset: -2.641 ms
Remote clock offset: -15.849 ms

Run 8: Report of Sprout — Data Link

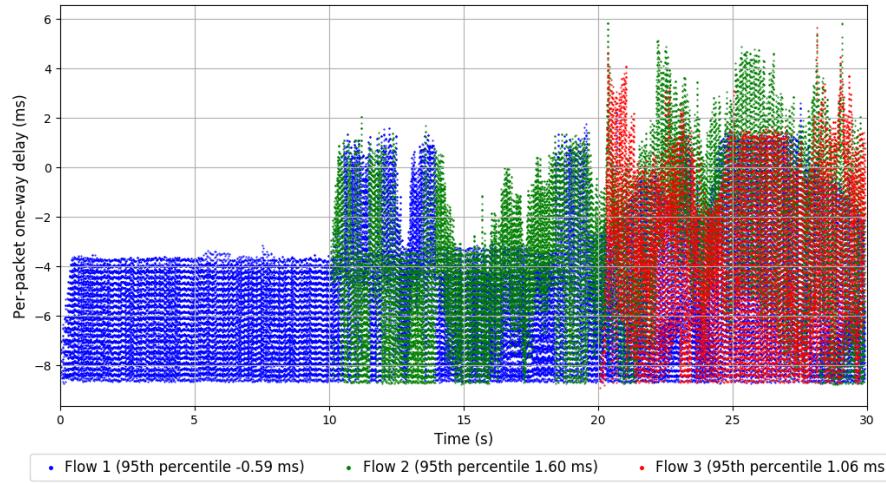
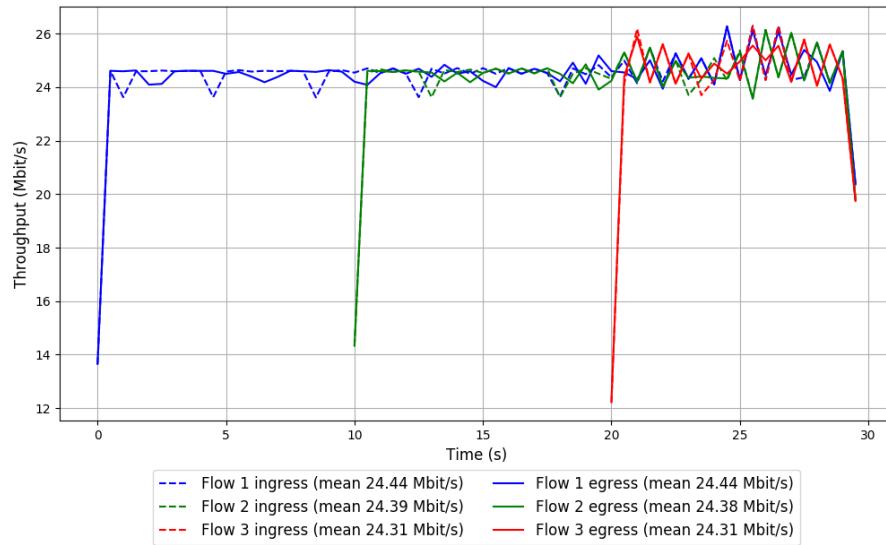


Run 9: Statistics of Sprout

```
Start at: 2018-01-02 12:50:00
End at: 2018-01-02 12:50:30
Local clock offset: 0.655 ms
Remote clock offset: -14.643 ms

# Below is generated by plot.py at 2018-01-02 13:48:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.68 Mbit/s
95th percentile per-packet one-way delay: 0.623 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: -0.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 1.597 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 1.060 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

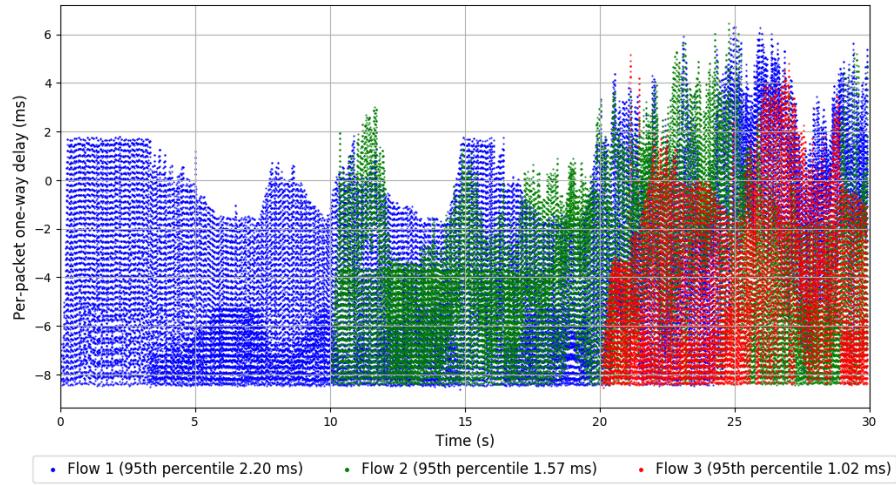
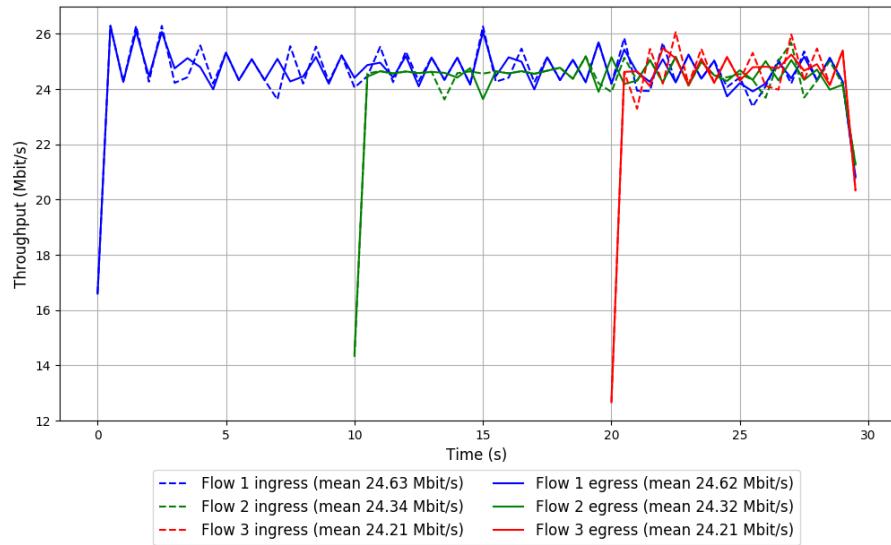


Run 10: Statistics of Sprout

```
Start at: 2018-01-02 13:07:49
End at: 2018-01-02 13:08:19
Local clock offset: -0.632 ms
Remote clock offset: -14.13 ms

# Below is generated by plot.py at 2018-01-02 13:49:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.80 Mbit/s
95th percentile per-packet one-way delay: 1.809 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 2.199 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 1.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

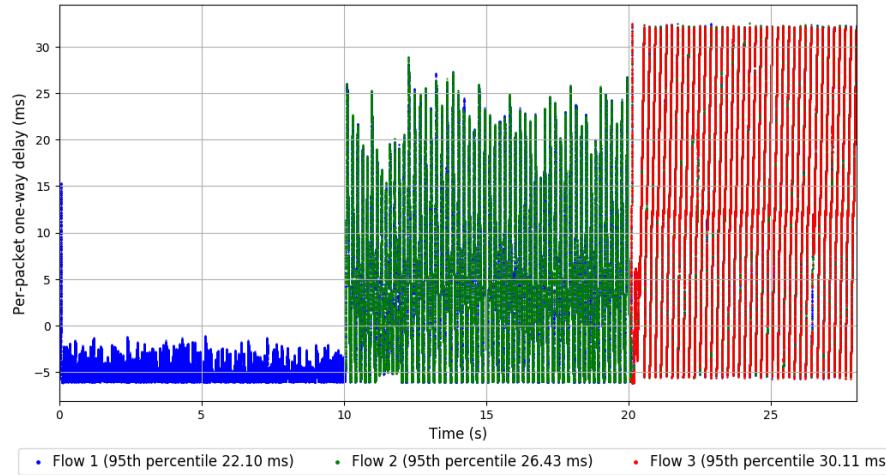
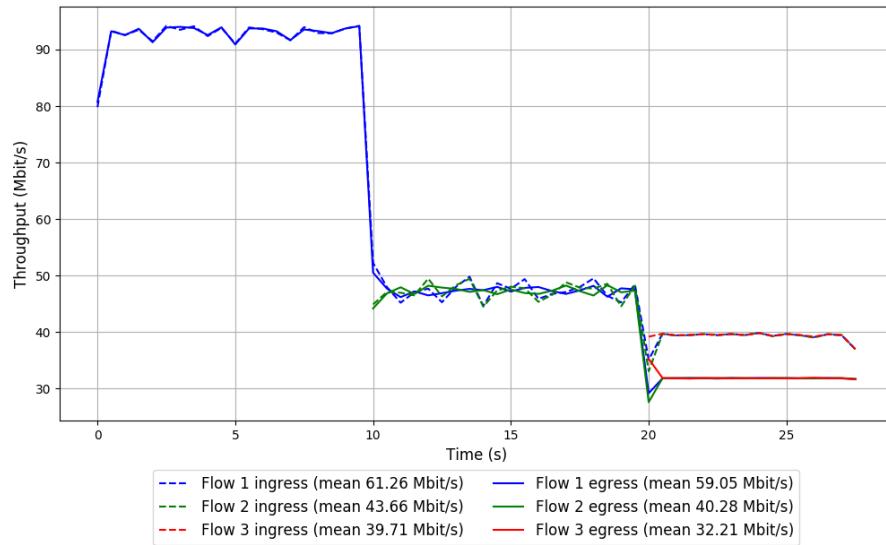


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-01-02 10:29:32
End at: 2018-01-02 10:30:02
Local clock offset: 1.035 ms
Remote clock offset: -14.485 ms

# Below is generated by plot.py at 2018-01-02 13:50:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 25.345 ms
Loss rate: 6.30%
-- Flow 1:
Average throughput: 59.05 Mbit/s
95th percentile per-packet one-way delay: 22.103 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 26.428 ms
Loss rate: 7.57%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 30.112 ms
Loss rate: 18.54%
```

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

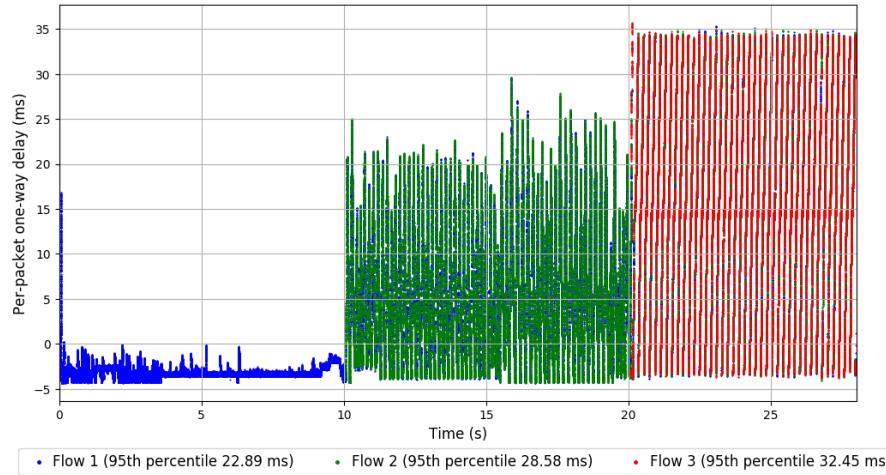
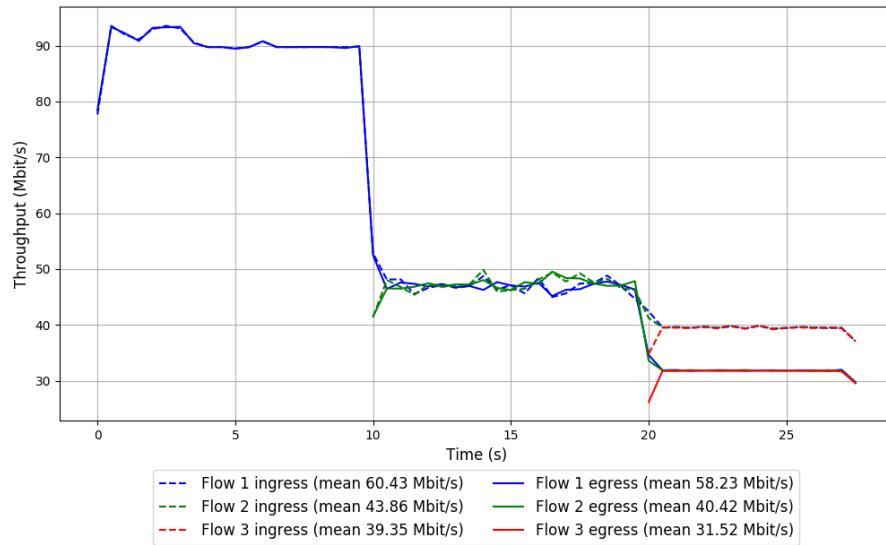


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-01-02 10:47:18
End at: 2018-01-02 10:47:48
Local clock offset: -1.787 ms
Remote clock offset: -15.551 ms

# Below is generated by plot.py at 2018-01-02 13:50:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 27.442 ms
Loss rate: 6.64%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 22.895 ms
Loss rate: 3.64%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 28.577 ms
Loss rate: 7.83%
-- Flow 3:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 32.450 ms
Loss rate: 19.85%
```

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

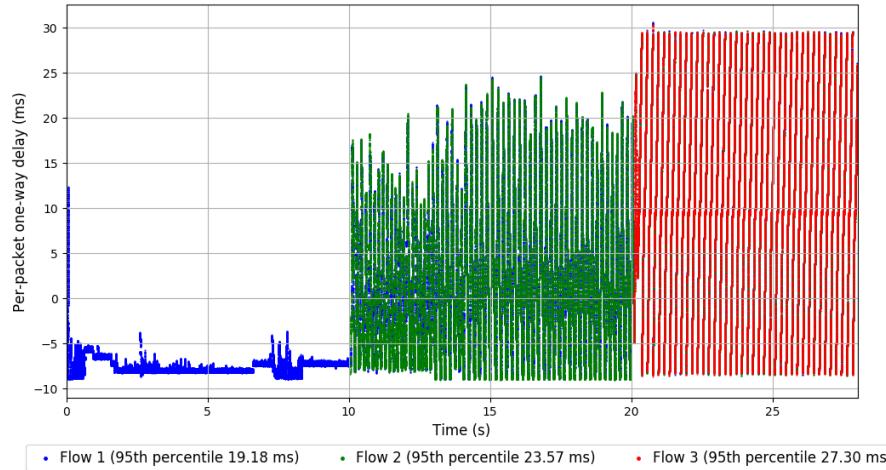
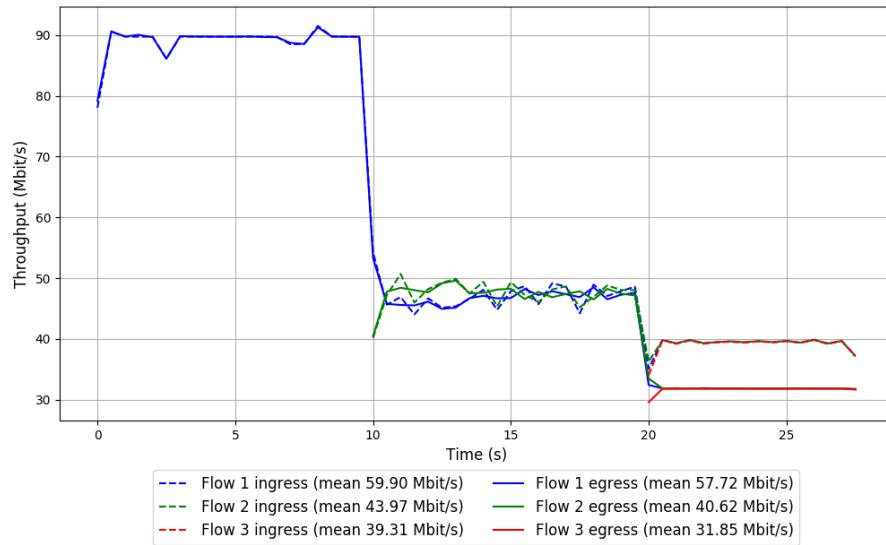


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-01-02 11:05:09
End at: 2018-01-02 11:05:39
Local clock offset: 2.068 ms
Remote clock offset: -16.44 ms

# Below is generated by plot.py at 2018-01-02 13:50:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 22.618 ms
Loss rate: 6.36%
-- Flow 1:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 19.178 ms
Loss rate: 3.52%
-- Flow 2:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 23.571 ms
Loss rate: 7.46%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 27.297 ms
Loss rate: 18.85%
```

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

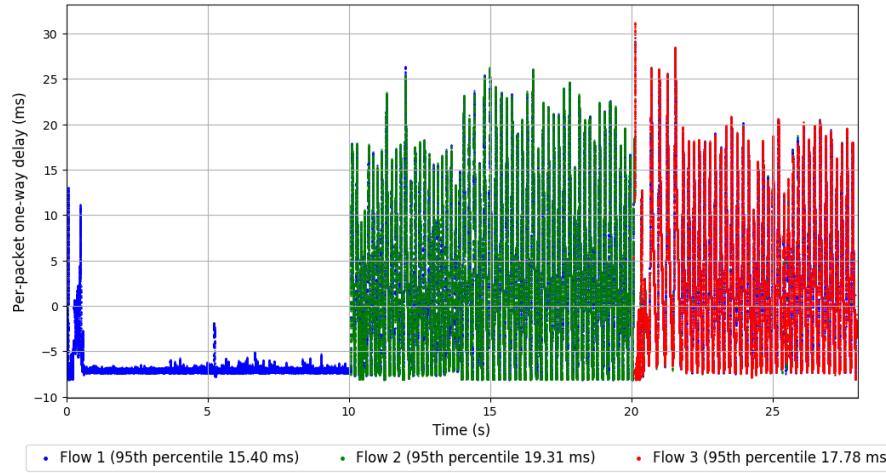
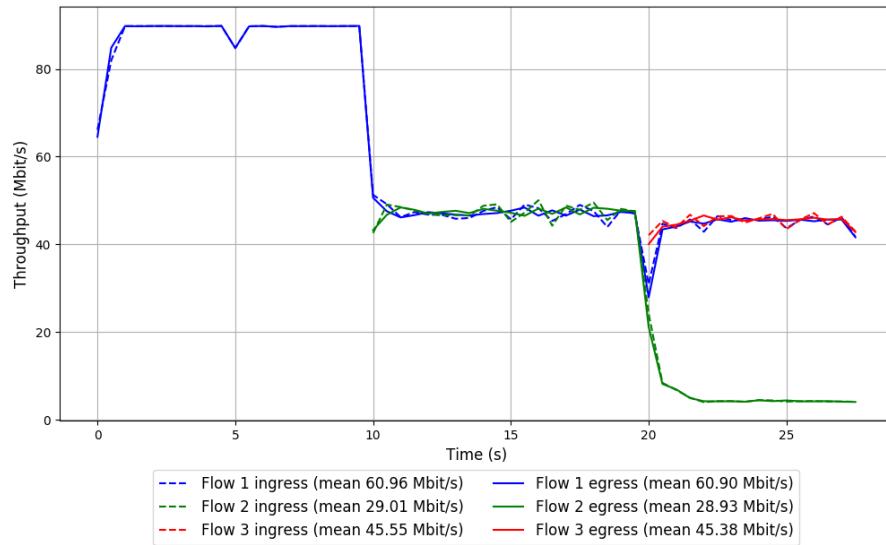


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-01-02 11:22:54
End at: 2018-01-02 11:23:24
Local clock offset: 2.101 ms
Remote clock offset: -15.409 ms

# Below is generated by plot.py at 2018-01-02 13:50:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 16.852 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 15.398 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 28.93 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 45.38 Mbit/s
95th percentile per-packet one-way delay: 17.781 ms
Loss rate: 0.29%
```

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

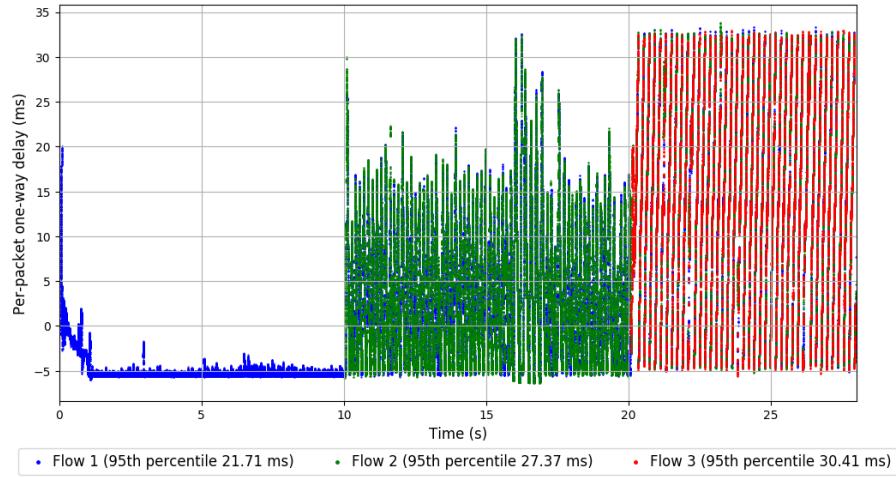
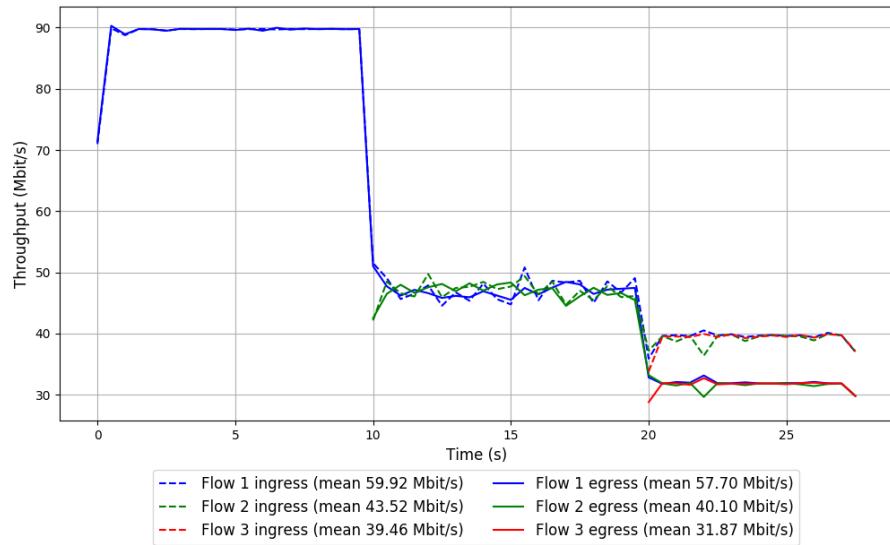


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-01-02 11:40:29
End at: 2018-01-02 11:40:59
Local clock offset: 0.188 ms
Remote clock offset: -14.957 ms

# Below is generated by plot.py at 2018-01-02 13:51:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 26.255 ms
Loss rate: 6.59%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 21.709 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 27.366 ms
Loss rate: 7.79%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 30.410 ms
Loss rate: 19.23%
```

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

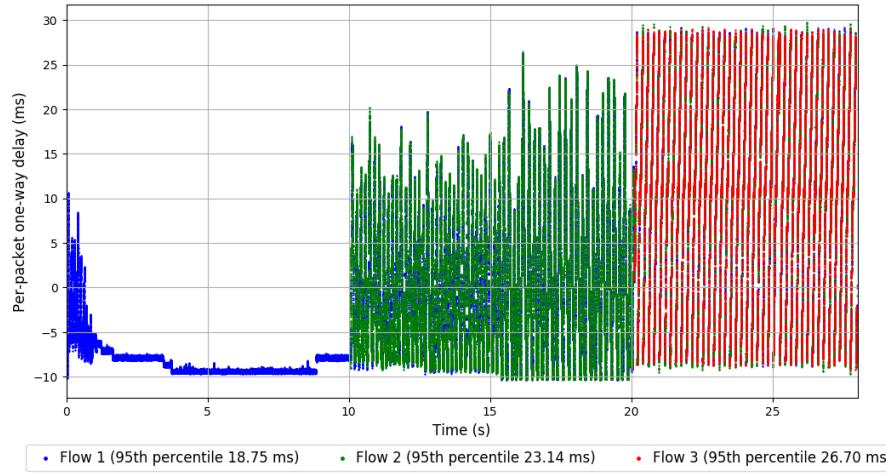
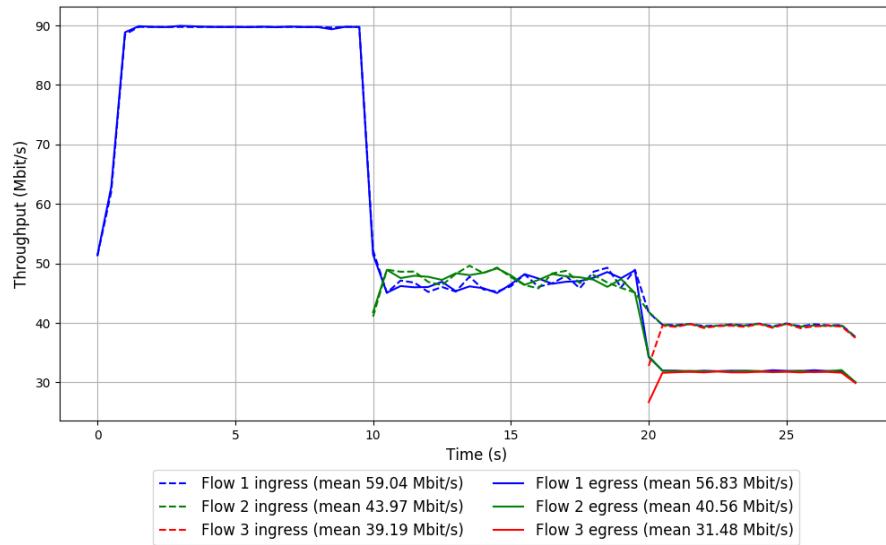


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-01-02 11:58:09
End at: 2018-01-02 11:58:39
Local clock offset: 1.196 ms
Remote clock offset: -17.704 ms

# Below is generated by plot.py at 2018-01-02 13:51:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 22.359 ms
Loss rate: 6.66%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 18.750 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 23.138 ms
Loss rate: 7.73%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 26.703 ms
Loss rate: 19.59%
```

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

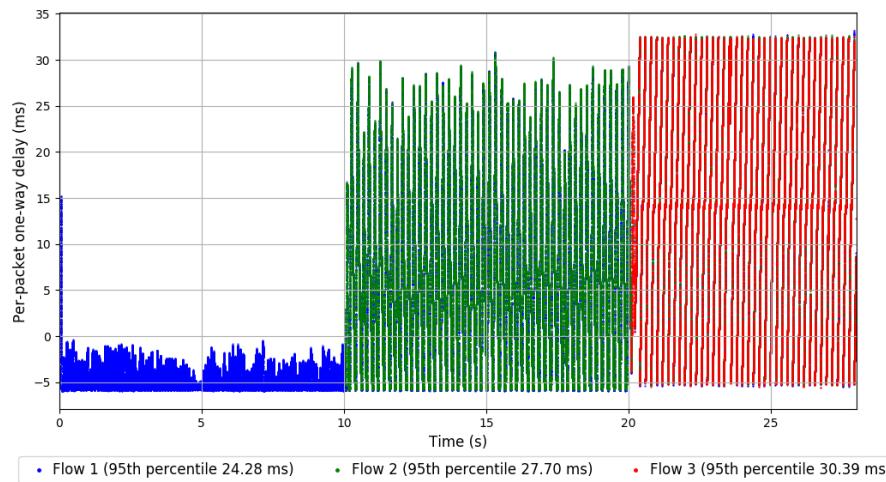
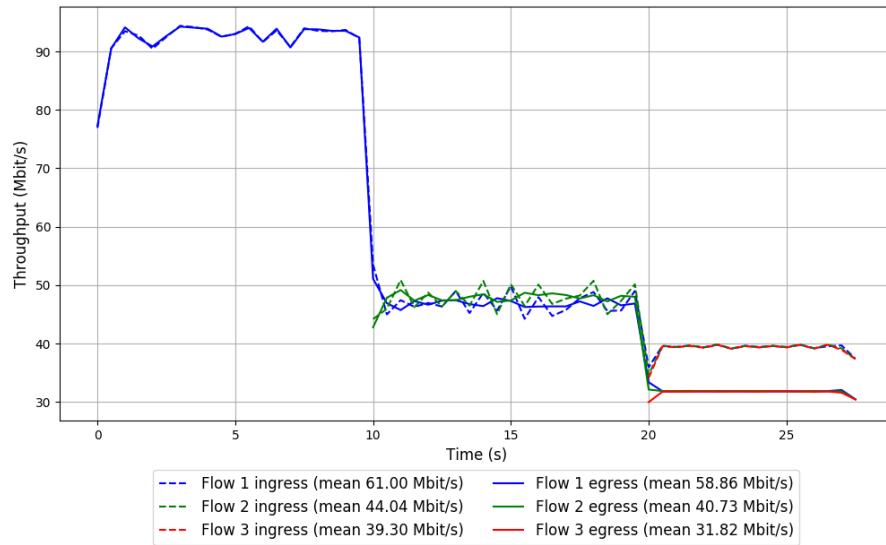


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-01-02 12:15:55
End at: 2018-01-02 12:16:25
Local clock offset: -0.973 ms
Remote clock offset: -16.23 ms

# Below is generated by plot.py at 2018-01-02 13:51:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 26.752 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 24.279 ms
Loss rate: 3.47%
-- Flow 2:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 27.705 ms
Loss rate: 7.47%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 30.391 ms
Loss rate: 18.98%
```

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

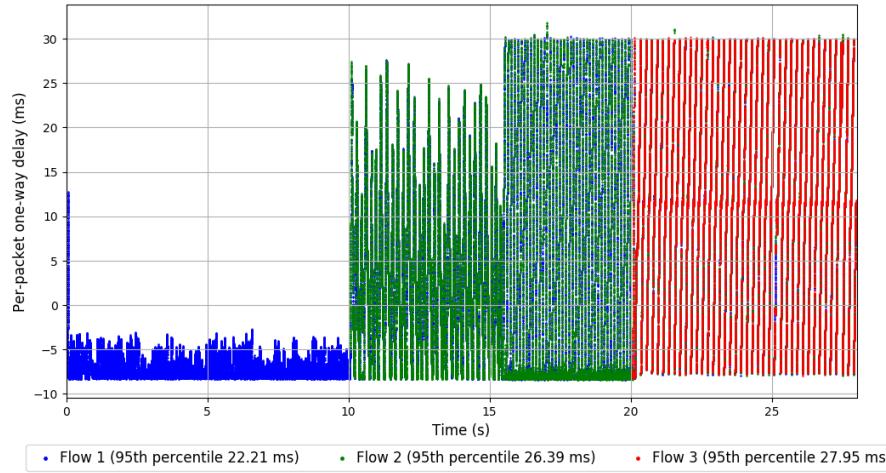
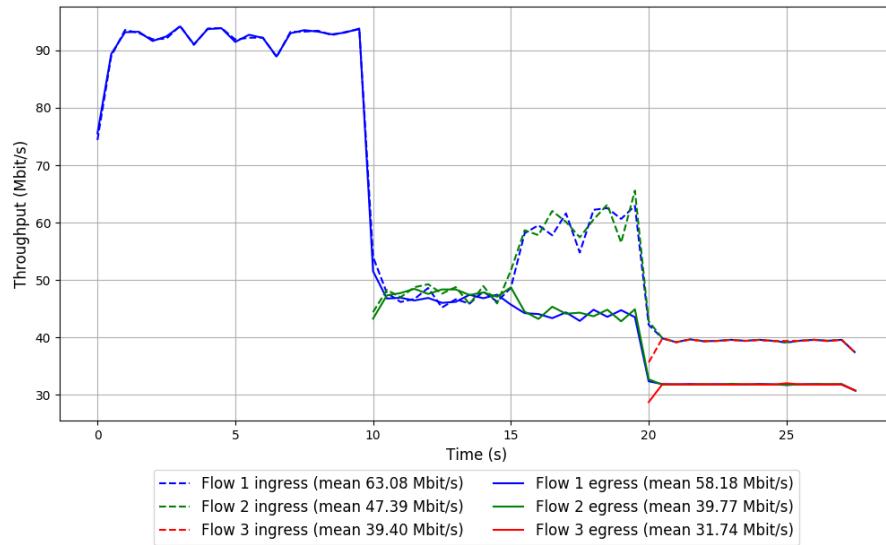


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-01-02 12:33:28
End at: 2018-01-02 12:33:58
Local clock offset: 0.22 ms
Remote clock offset: -16.293 ms

# Below is generated by plot.py at 2018-01-02 13:51:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 25.048 ms
Loss rate: 11.36%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 22.212 ms
Loss rate: 7.72%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 26.386 ms
Loss rate: 16.00%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 27.951 ms
Loss rate: 19.26%
```

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

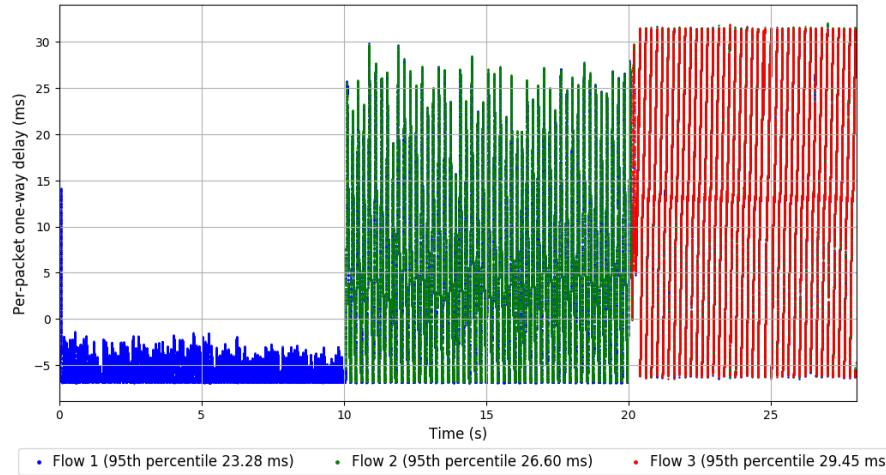
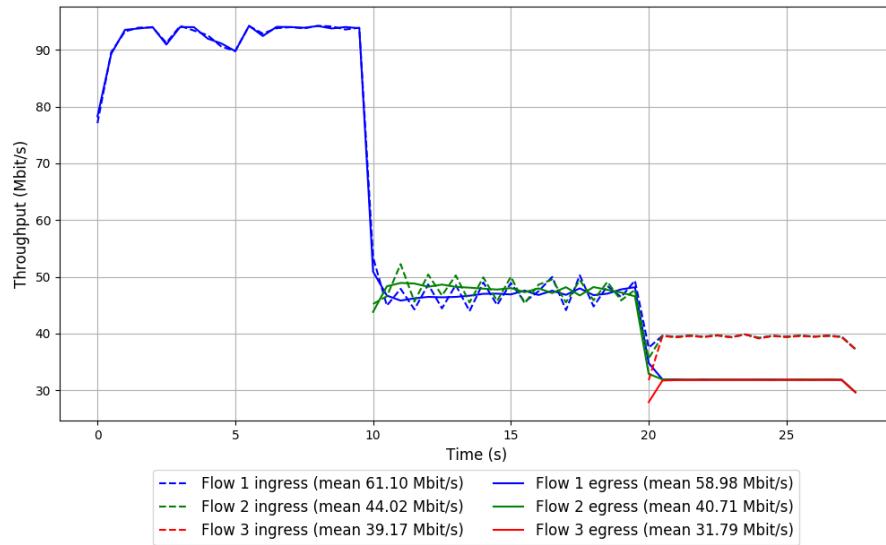


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-01-02 12:51:09
End at: 2018-01-02 12:51:39
Local clock offset: -0.78 ms
Remote clock offset: -14.167 ms

# Below is generated by plot.py at 2018-01-02 13:53:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 25.726 ms
Loss rate: 6.34%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 23.280 ms
Loss rate: 3.47%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 26.597 ms
Loss rate: 7.52%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 29.454 ms
Loss rate: 19.13%
```

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

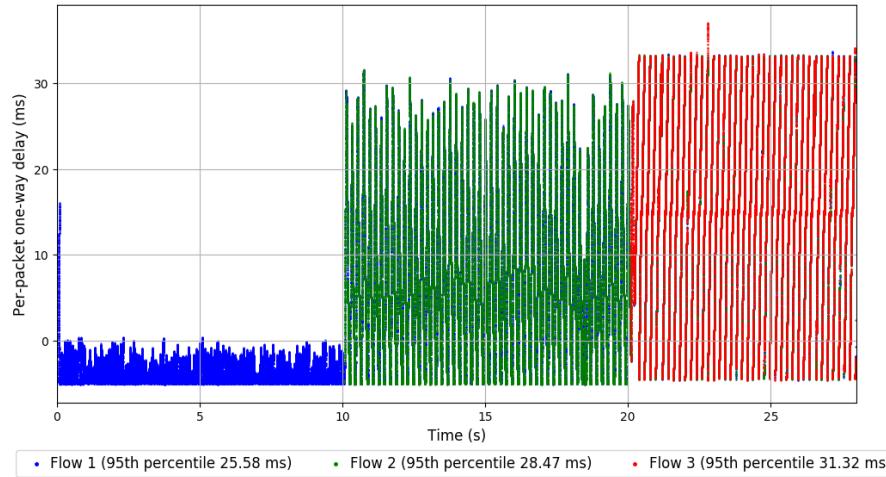
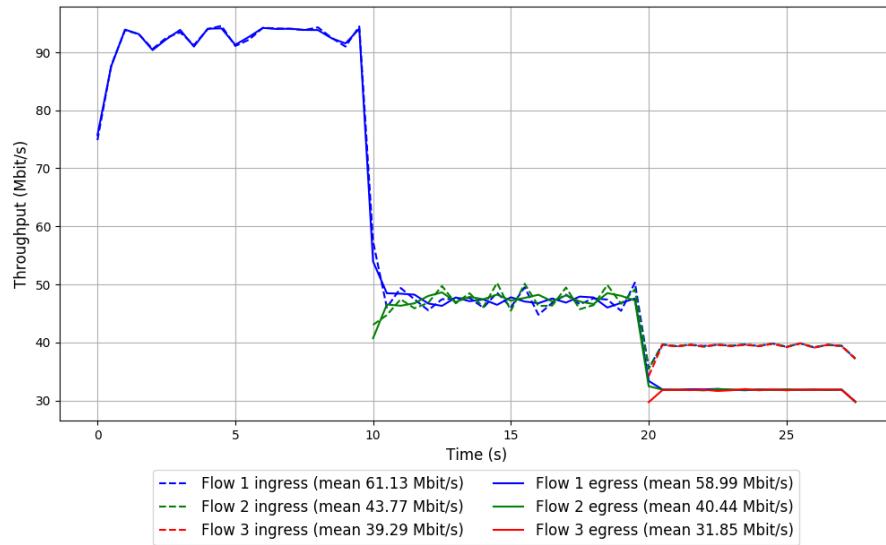


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-01-02 13:08:57
End at: 2018-01-02 13:09:27
Local clock offset: -2.065 ms
Remote clock offset: -12.277 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 27.666 ms
Loss rate: 6.36%
-- Flow 1:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 25.577 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 28.468 ms
Loss rate: 7.58%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 31.323 ms
Loss rate: 19.07%
```

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

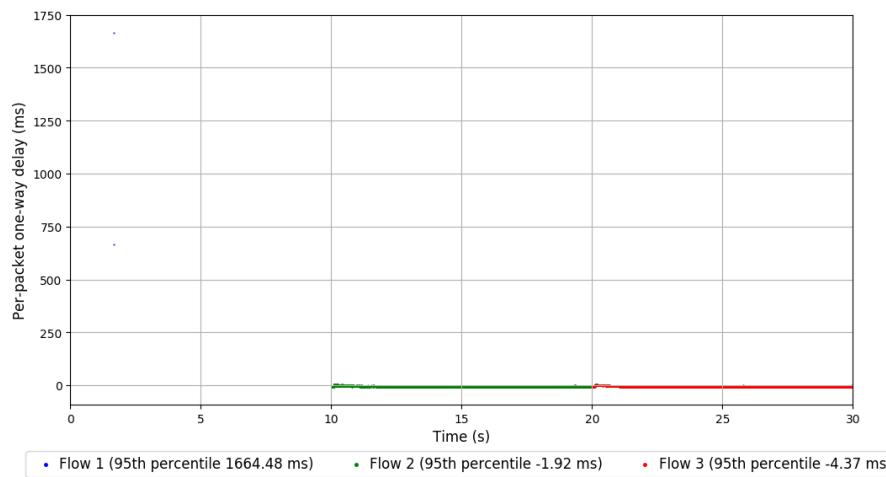
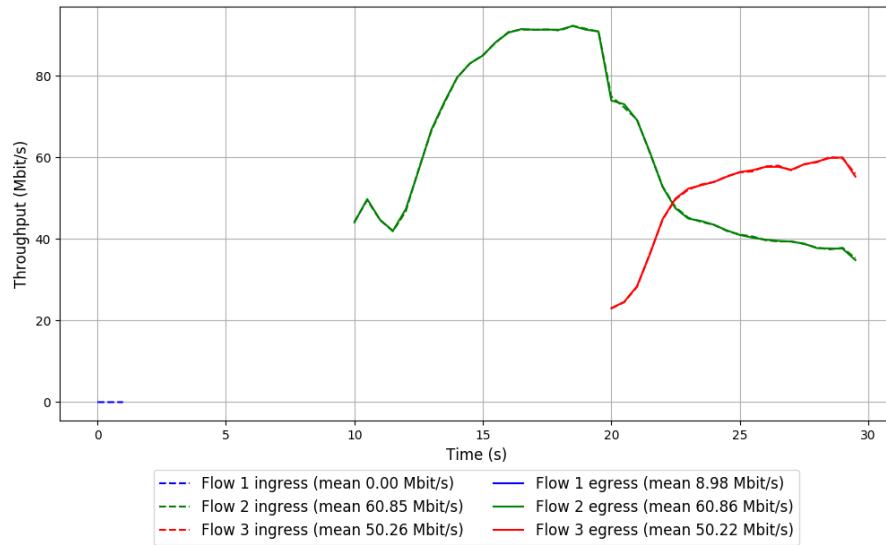


Run 1: Statistics of TCP Vegas

```
Start at: 2018-01-02 10:23:44
End at: 2018-01-02 10:24:14
Local clock offset: 0.248 ms
Remote clock offset: -16.575 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.56 Mbit/s
95th percentile per-packet one-way delay: -2.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.98 Mbit/s
95th percentile per-packet one-way delay: 1664.477 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.86 Mbit/s
95th percentile per-packet one-way delay: -1.923 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: -4.369 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

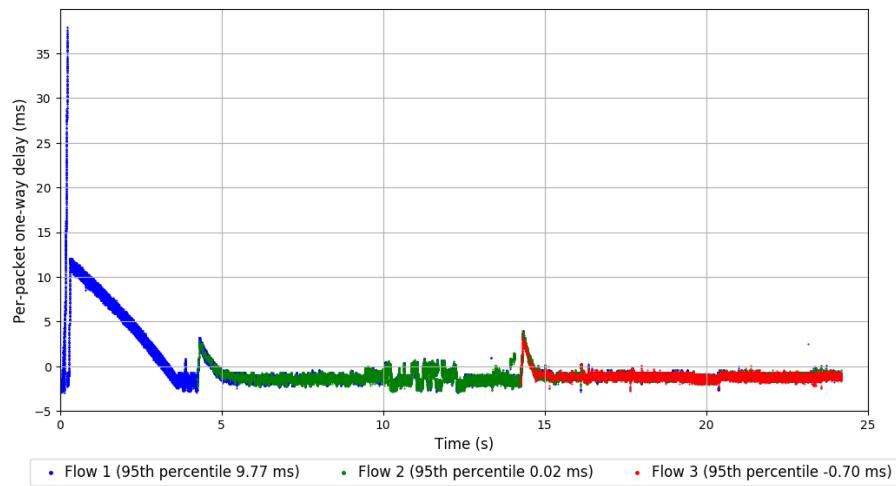
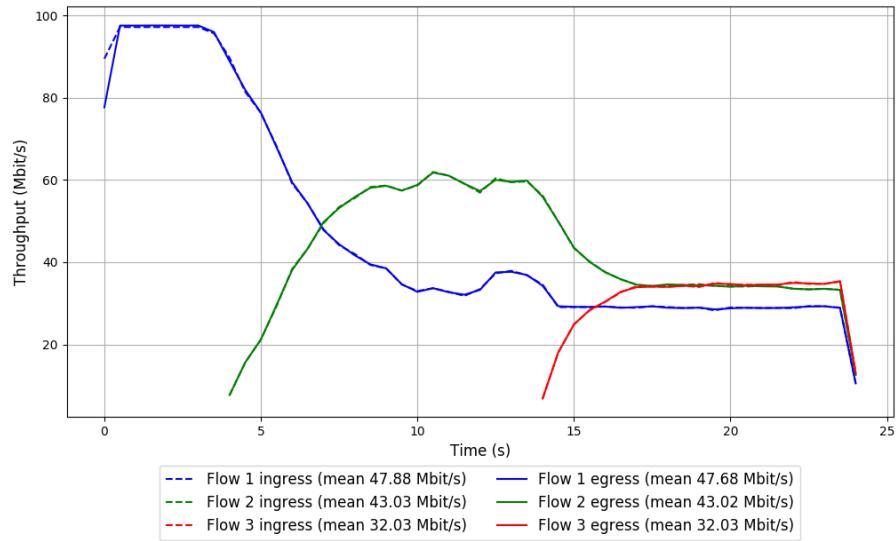


Run 2: Statistics of TCP Vegas

```
Start at: 2018-01-02 10:41:24
End at: 2018-01-02 10:41:54
Local clock offset: -1.416 ms
Remote clock offset: -13.565 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 7.604 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 9.772 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 0.024 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: -0.697 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

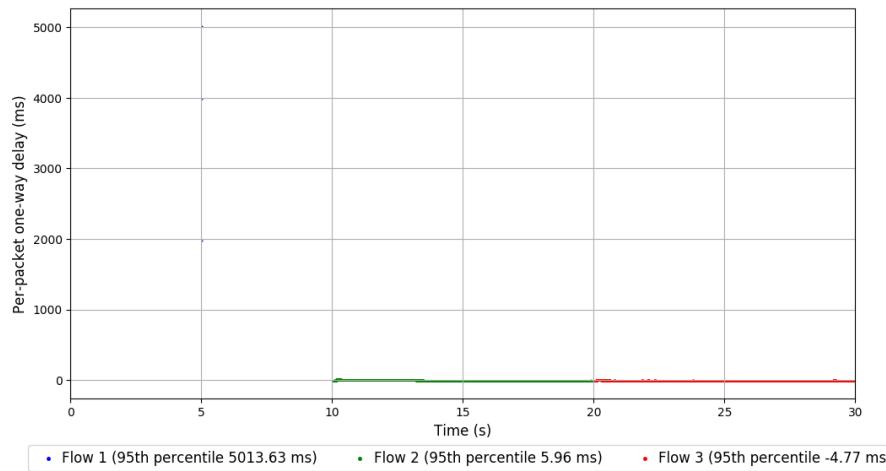
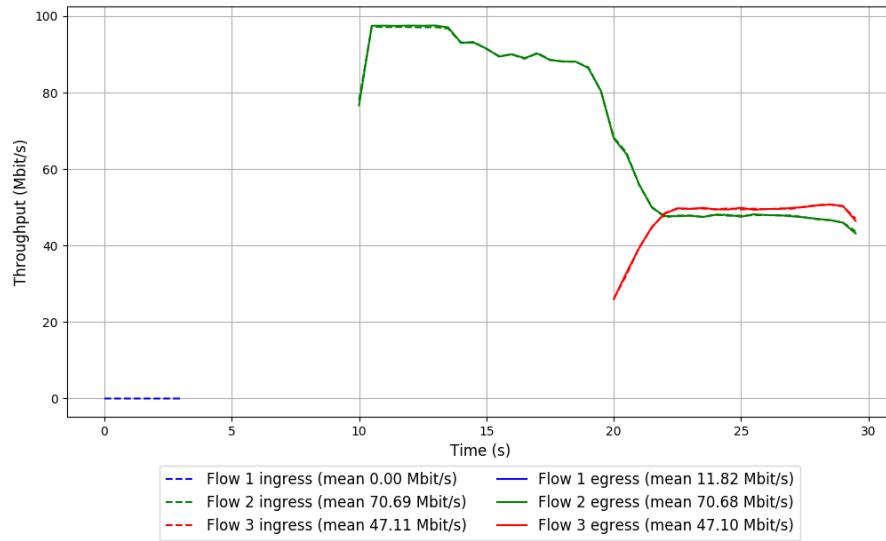


Run 3: Statistics of TCP Vegas

```
Start at: 2018-01-02 10:59:11
End at: 2018-01-02 10:59:41
Local clock offset: 2.239 ms
Remote clock offset: -14.878 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 5.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 5013.627 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.68 Mbit/s
95th percentile per-packet one-way delay: 5.960 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.10 Mbit/s
95th percentile per-packet one-way delay: -4.772 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

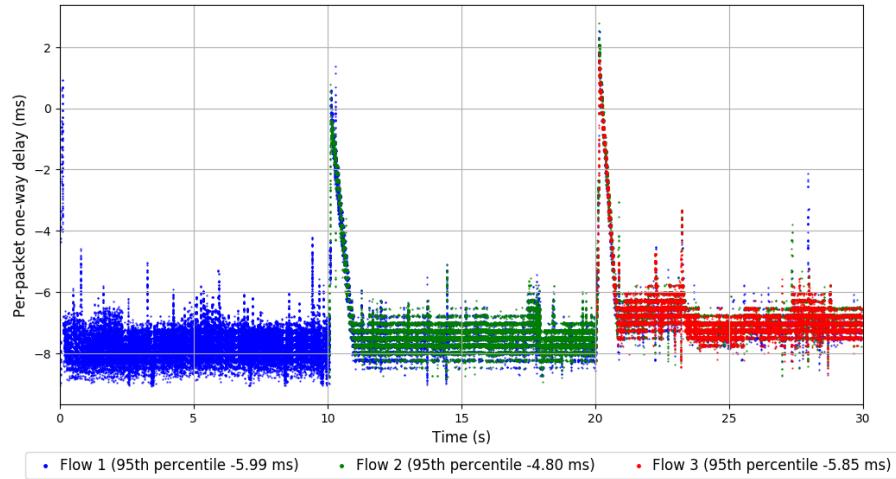
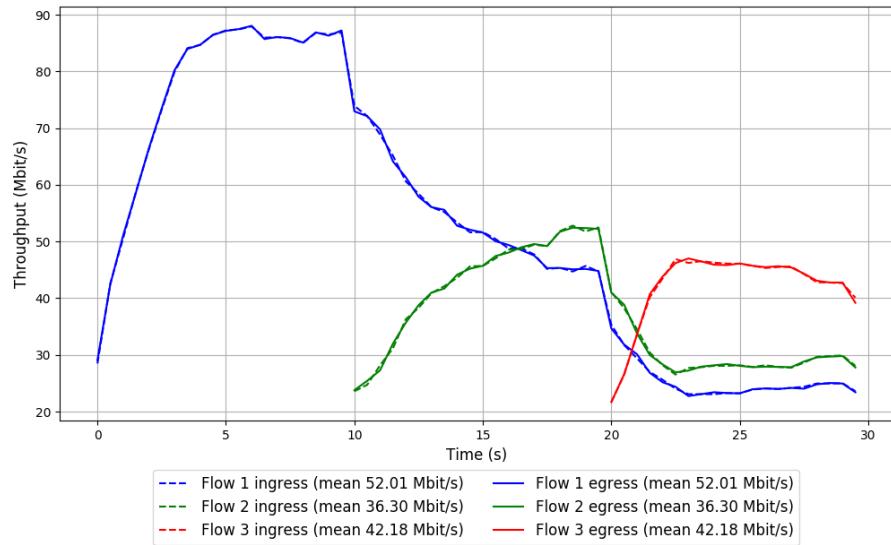


Run 4: Statistics of TCP Vegas

```
Start at: 2018-01-02 11:17:00
End at: 2018-01-02 11:17:30
Local clock offset: 2.578 ms
Remote clock offset: -15.856 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: -5.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: -5.992 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: -4.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.18 Mbit/s
95th percentile per-packet one-way delay: -5.848 ms
Loss rate: 0.00%
```

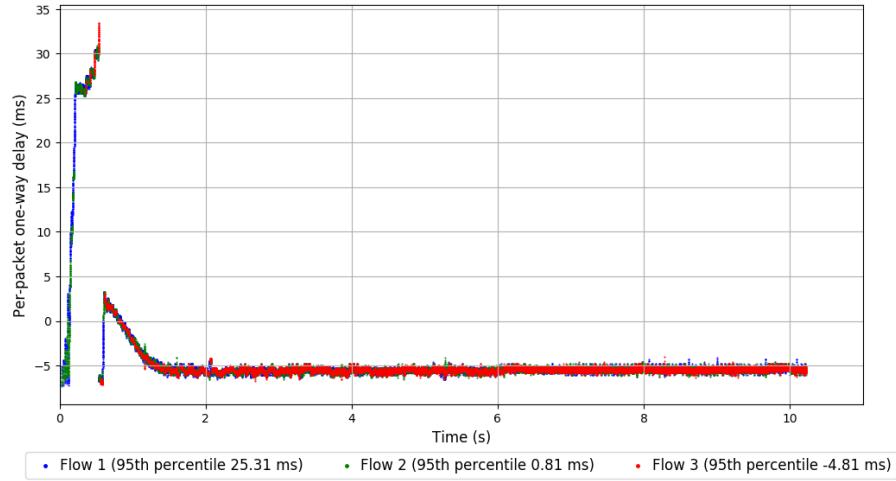
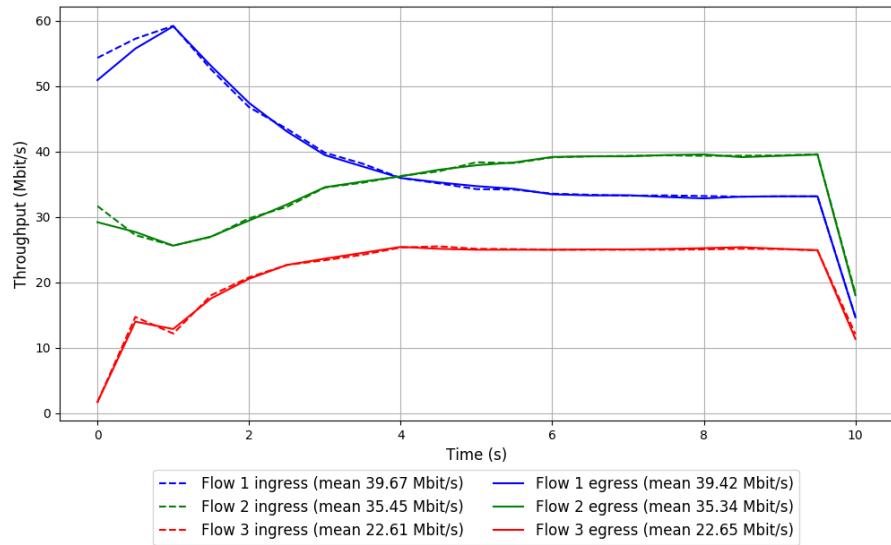
Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-01-02 11:34:41
End at: 2018-01-02 11:35:11
Local clock offset: -0.688 ms
Remote clock offset: -16.983 ms

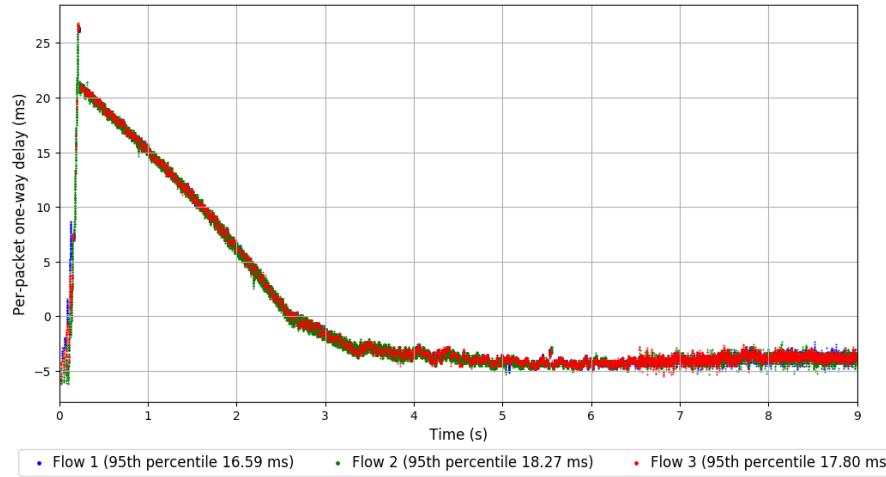
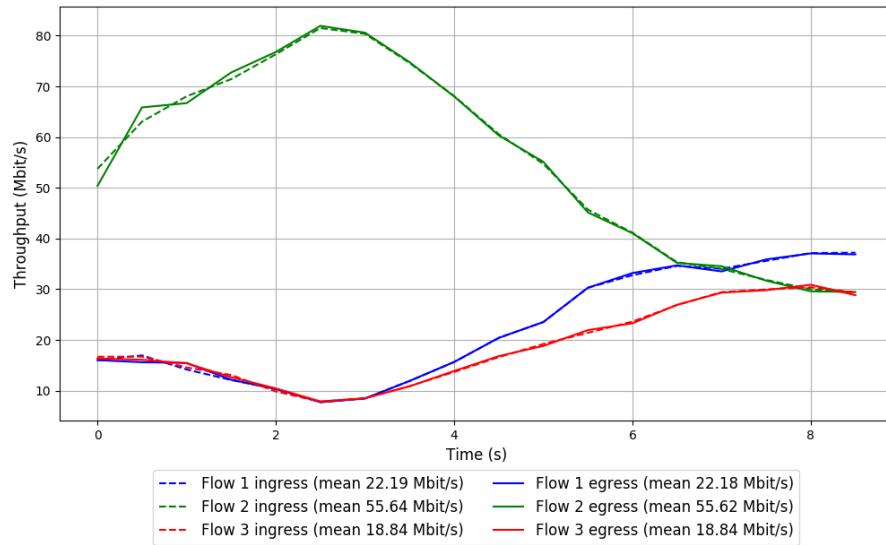
Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-01-02 11:52:19
End at: 2018-01-02 11:52:49
Local clock offset: -1.126 ms
Remote clock offset: -15.648 ms

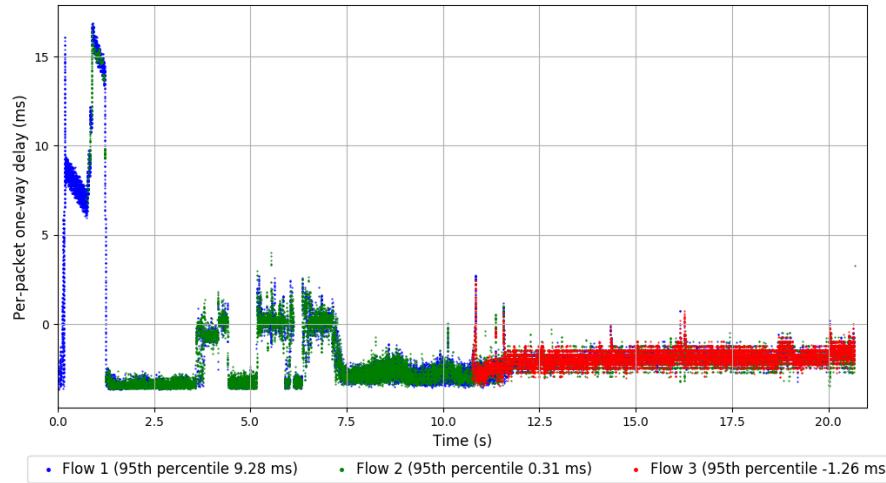
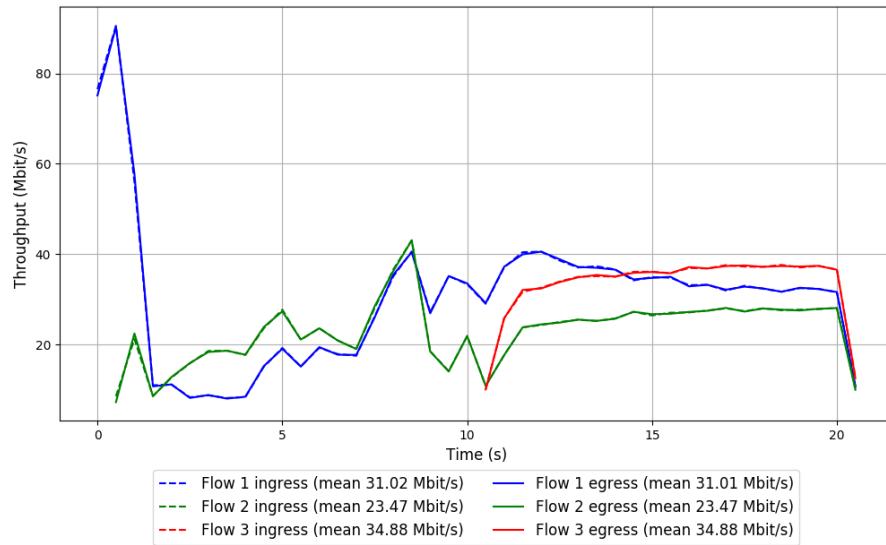
Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-01-02 12:09:57
End at: 2018-01-02 12:10:27
Local clock offset: -2.821 ms
Remote clock offset: -15.752 ms

Run 7: Report of TCP Vegas — Data Link

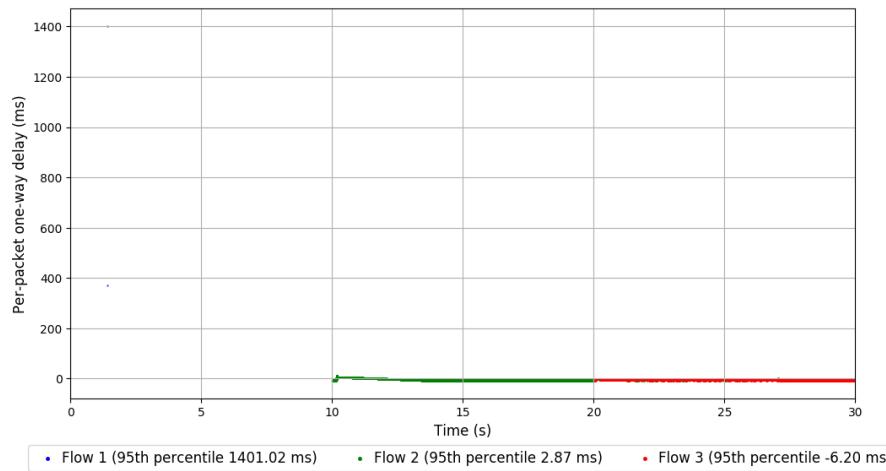
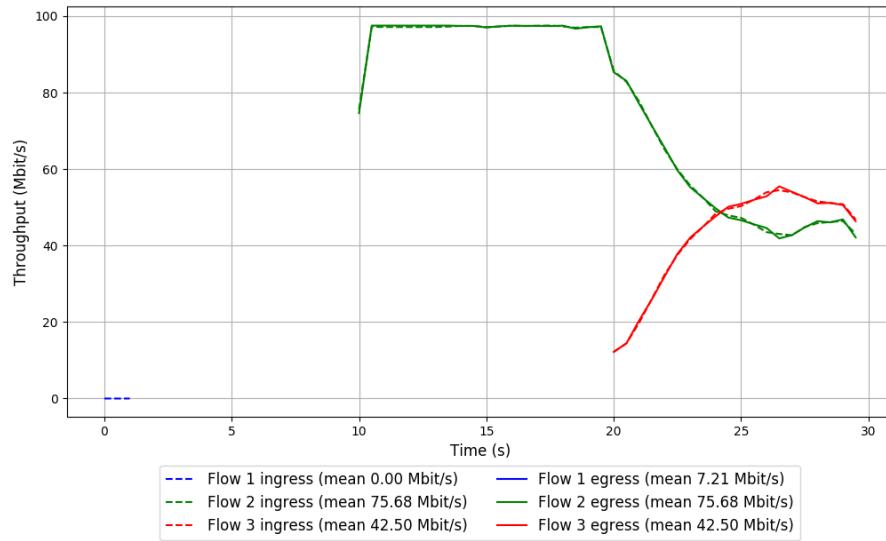


Run 8: Statistics of TCP Vegas

```
Start at: 2018-01-02 12:27:40
End at: 2018-01-02 12:28:10
Local clock offset: 0.861 ms
Remote clock offset: -16.159 ms

# Below is generated by plot.py at 2018-01-02 13:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.67 Mbit/s
95th percentile per-packet one-way delay: 2.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 1401.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.50 Mbit/s
95th percentile per-packet one-way delay: -6.204 ms
Loss rate: 0.00%
```

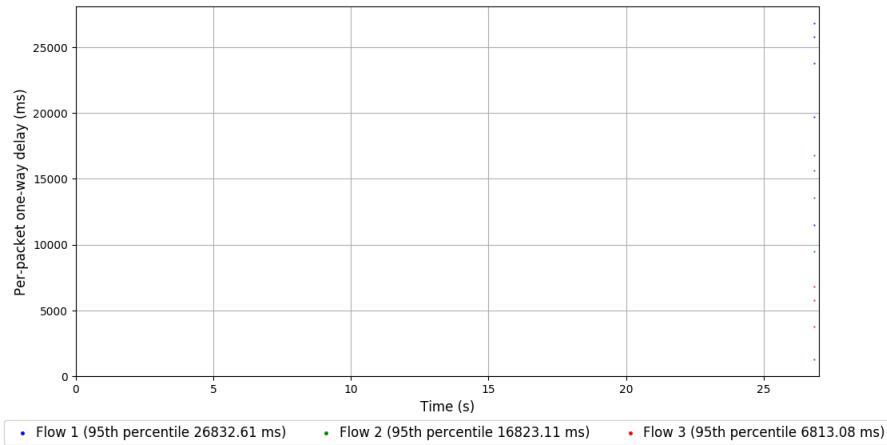
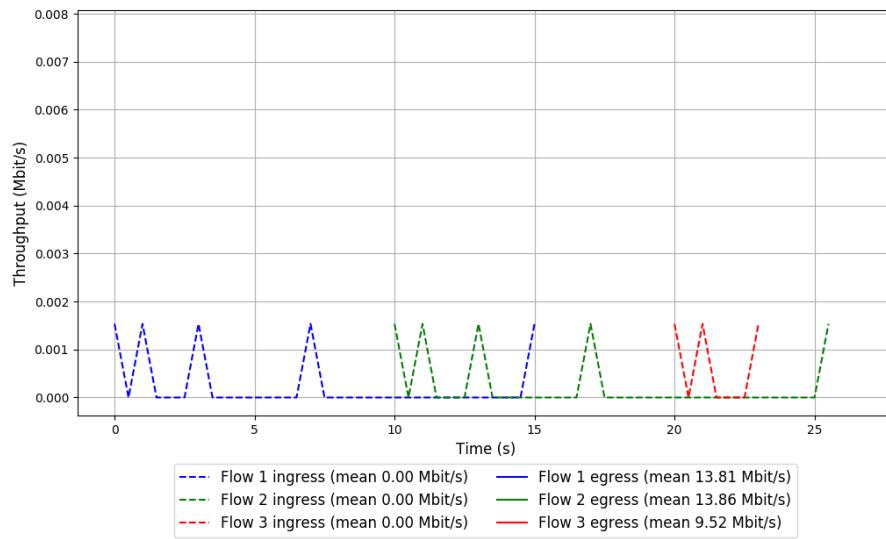
Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-01-02 12:45:22
End at: 2018-01-02 12:45:52
Local clock offset: 0.714 ms
Remote clock offset: -14.777 ms

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-02 13:03:07
End at: 2018-01-02 13:03:37
Local clock offset: -0.12 ms
Remote clock offset: -13.922 ms

Run 10: Report of TCP Vegas — Data Link

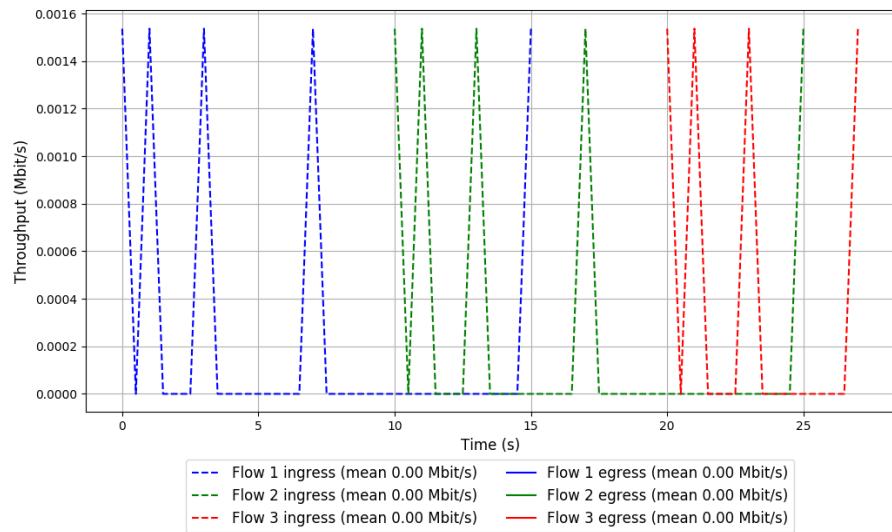


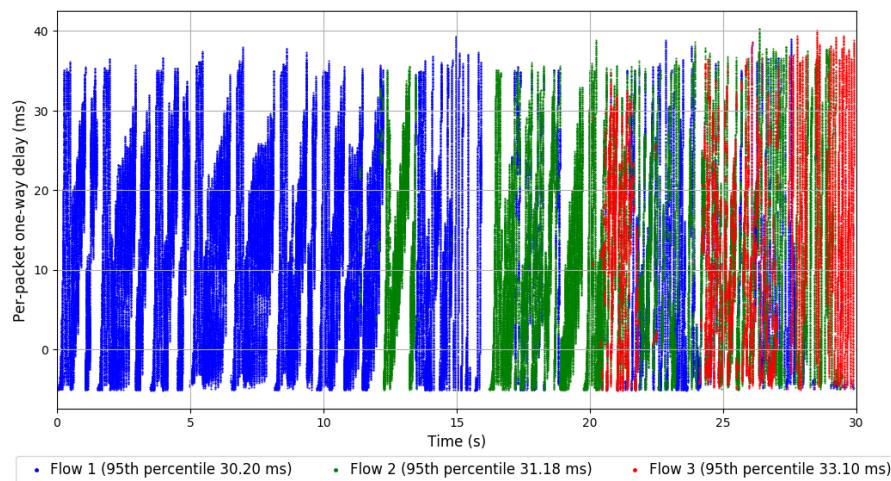
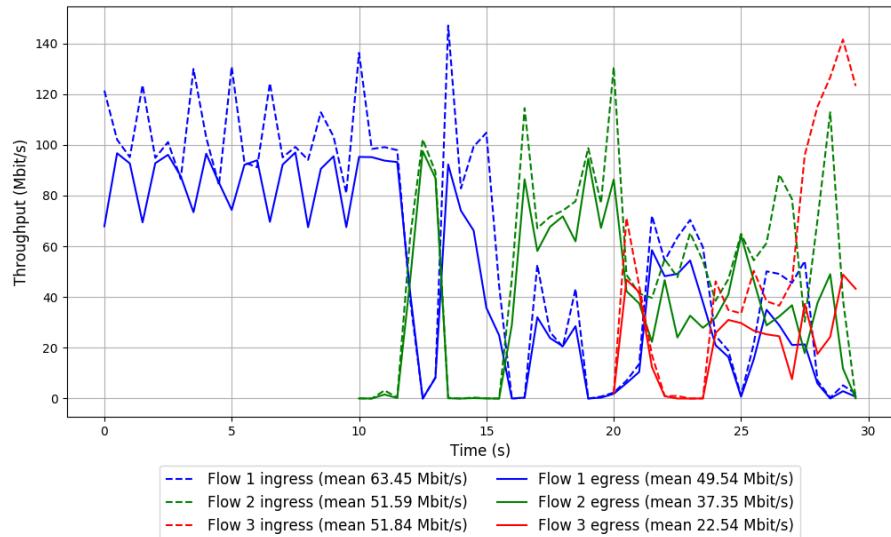
Figure is missing

Run 1: Statistics of Verus

```
Start at: 2018-01-02 10:30:47
End at: 2018-01-02 10:31:17
Local clock offset: -4.555 ms
Remote clock offset: -18.997 ms

# Below is generated by plot.py at 2018-01-02 13:53:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.81 Mbit/s
95th percentile per-packet one-way delay: 30.858 ms
Loss rate: 28.77%
-- Flow 1:
Average throughput: 49.54 Mbit/s
95th percentile per-packet one-way delay: 30.199 ms
Loss rate: 21.87%
-- Flow 2:
Average throughput: 37.35 Mbit/s
95th percentile per-packet one-way delay: 31.179 ms
Loss rate: 27.64%
-- Flow 3:
Average throughput: 22.54 Mbit/s
95th percentile per-packet one-way delay: 33.099 ms
Loss rate: 56.48%
```

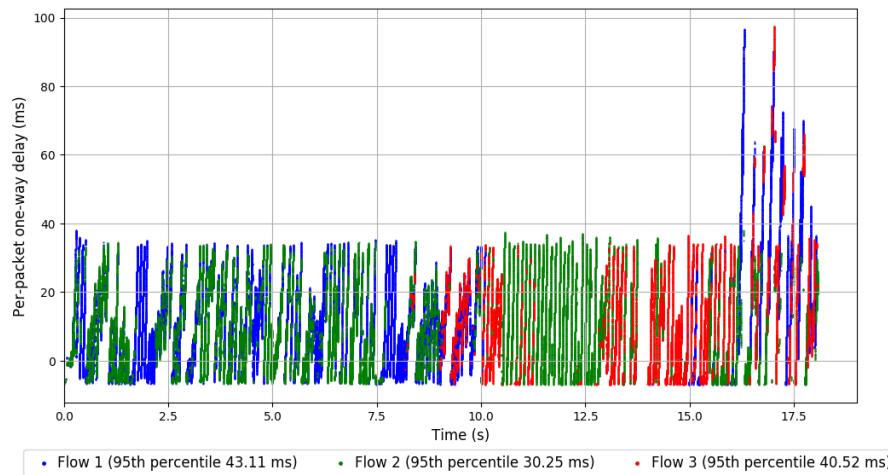
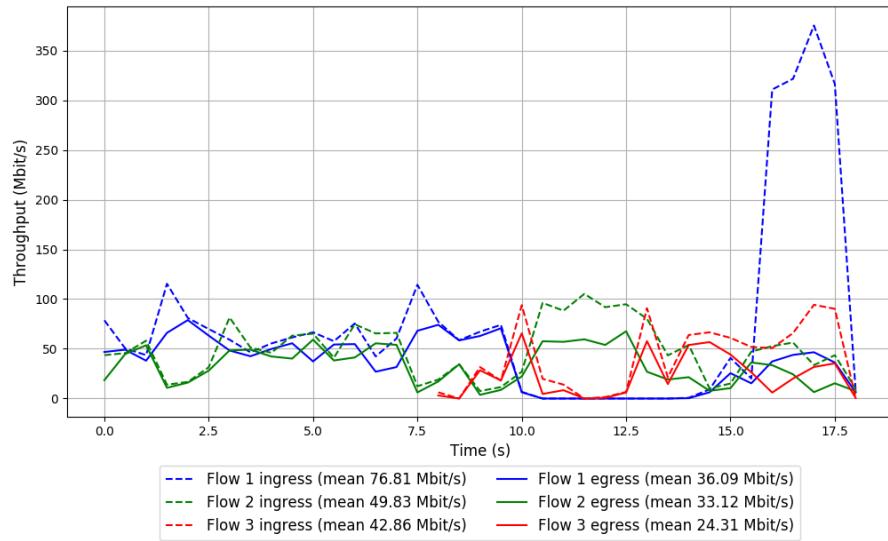
Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-01-02 10:48:32
End at: 2018-01-02 10:49:02
Local clock offset: 1.337 ms
Remote clock offset: -15.154 ms

Run 2: Report of Verus — Data Link

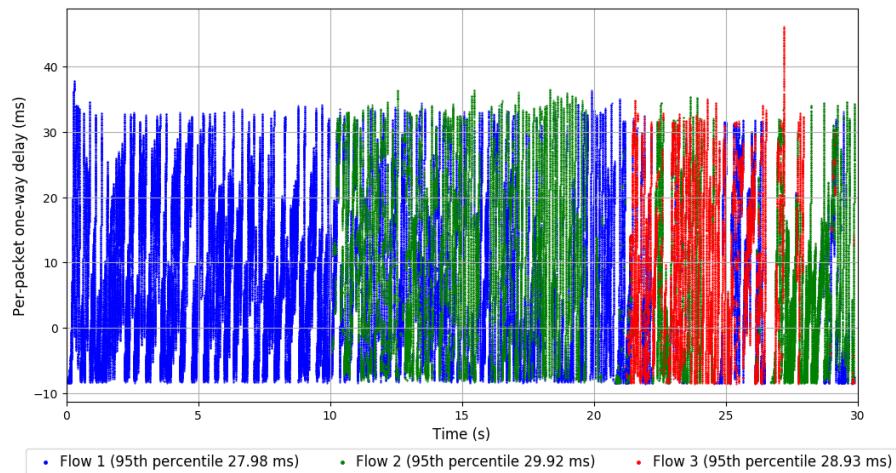
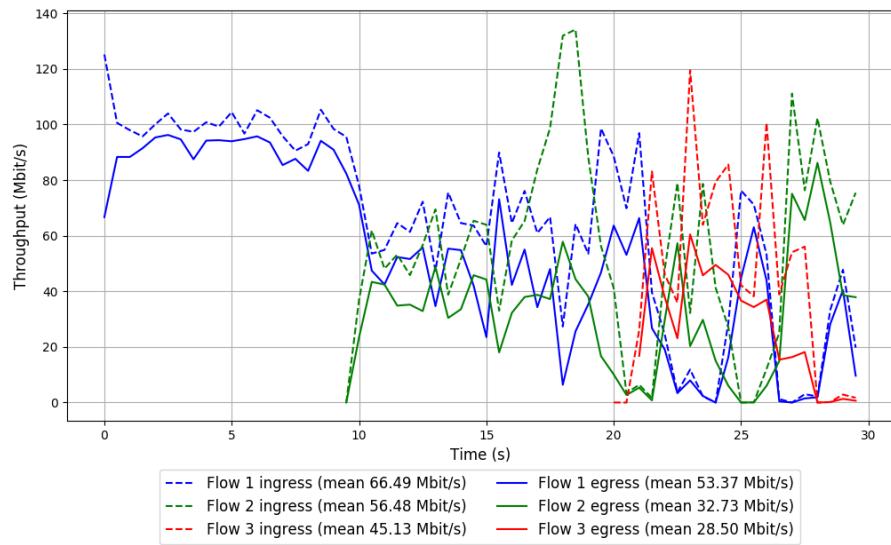


Run 3: Statistics of Verus

```
Start at: 2018-01-02 11:06:25
End at: 2018-01-02 11:06:55
Local clock offset: 1.694 ms
Remote clock offset: -16.324 ms

# Below is generated by plot.py at 2018-01-02 13:53:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 28.660 ms
Loss rate: 29.70%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 27.983 ms
Loss rate: 19.74%
-- Flow 2:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 29.917 ms
Loss rate: 42.02%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 28.930 ms
Loss rate: 43.38%
```

Run 3: Report of Verus — Data Link

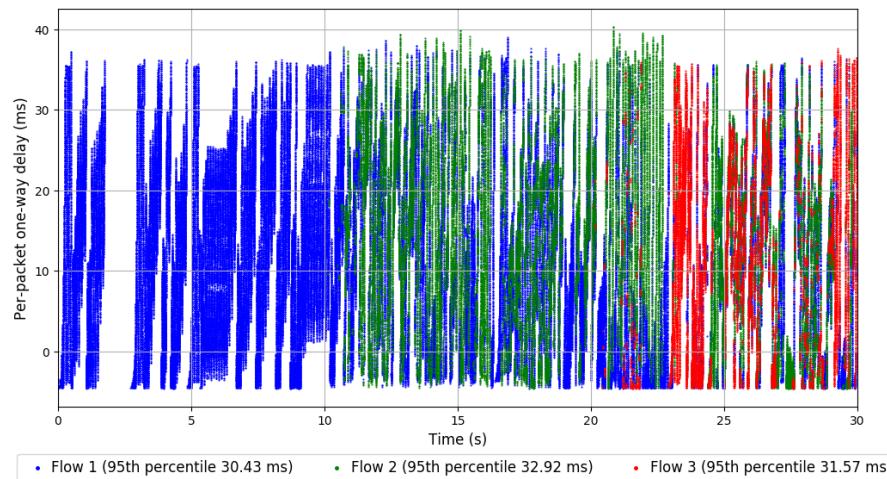
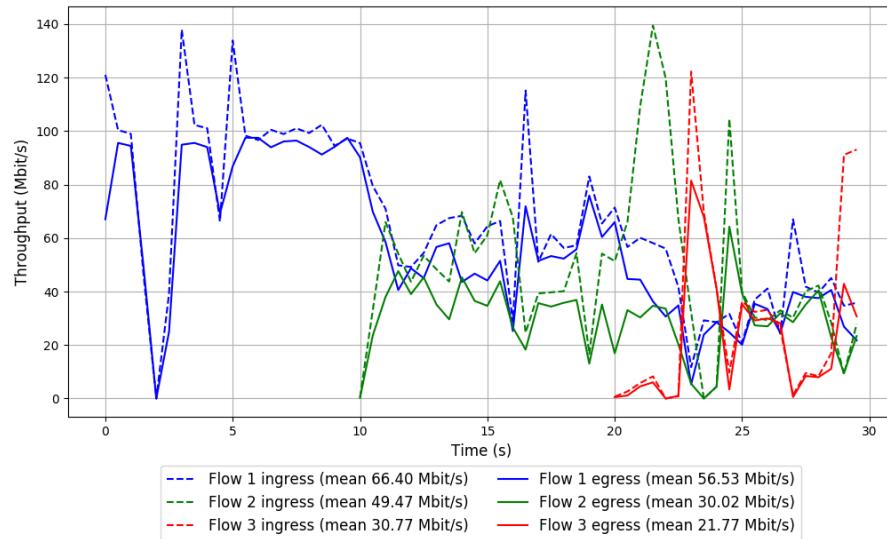


Run 4: Statistics of Verus

```
Start at: 2018-01-02 11:24:08
End at: 2018-01-02 11:24:38
Local clock offset: -1.156 ms
Remote clock offset: -15.045 ms

# Below is generated by plot.py at 2018-01-02 13:53:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 31.260 ms
Loss rate: 23.47%
-- Flow 1:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 30.432 ms
Loss rate: 14.80%
-- Flow 2:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 32.919 ms
Loss rate: 39.35%
-- Flow 3:
Average throughput: 21.77 Mbit/s
95th percentile per-packet one-way delay: 31.571 ms
Loss rate: 29.21%
```

Run 4: Report of Verus — Data Link

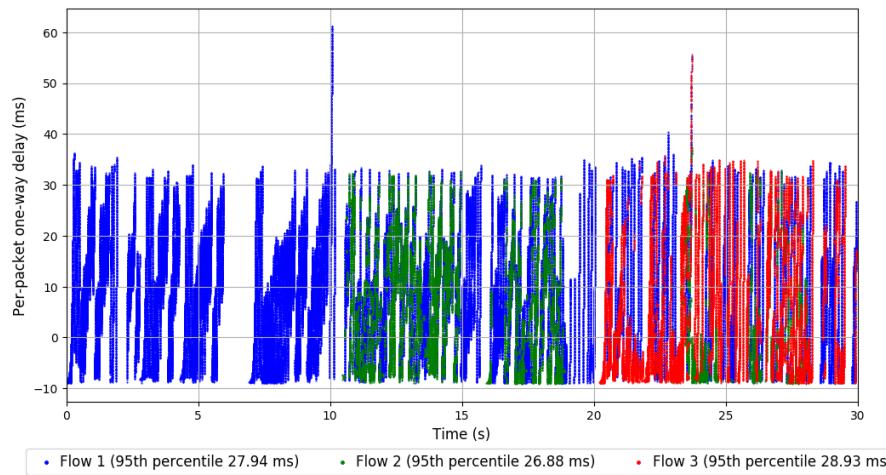
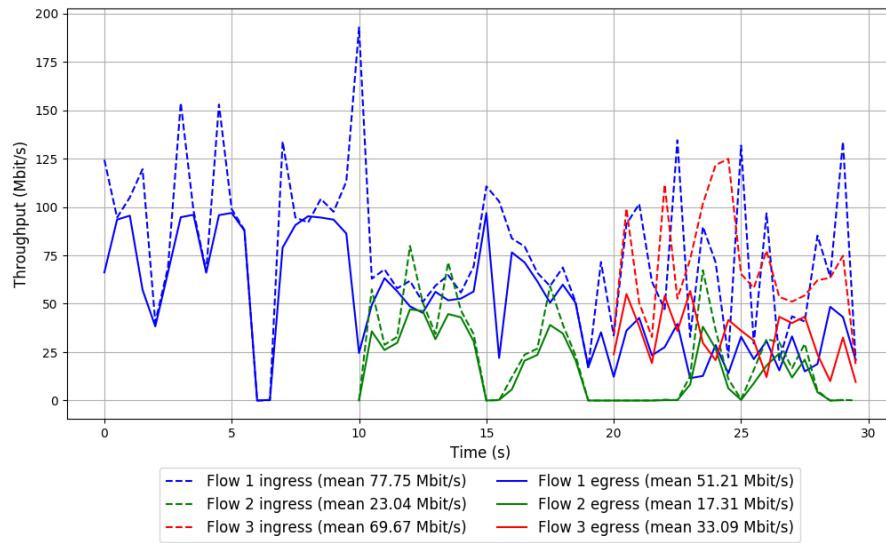


Run 5: Statistics of Verus

```
Start at: 2018-01-02 11:41:44
End at: 2018-01-02 11:42:14
Local clock offset: 1.706 ms
Remote clock offset: -15.955 ms

# Below is generated by plot.py at 2018-01-02 13:53:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.01 Mbit/s
95th percentile per-packet one-way delay: 27.939 ms
Loss rate: 36.71%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 27.943 ms
Loss rate: 34.05%
-- Flow 2:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 26.876 ms
Loss rate: 26.13%
-- Flow 3:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 28.932 ms
Loss rate: 52.42%
```

Run 5: Report of Verus — Data Link

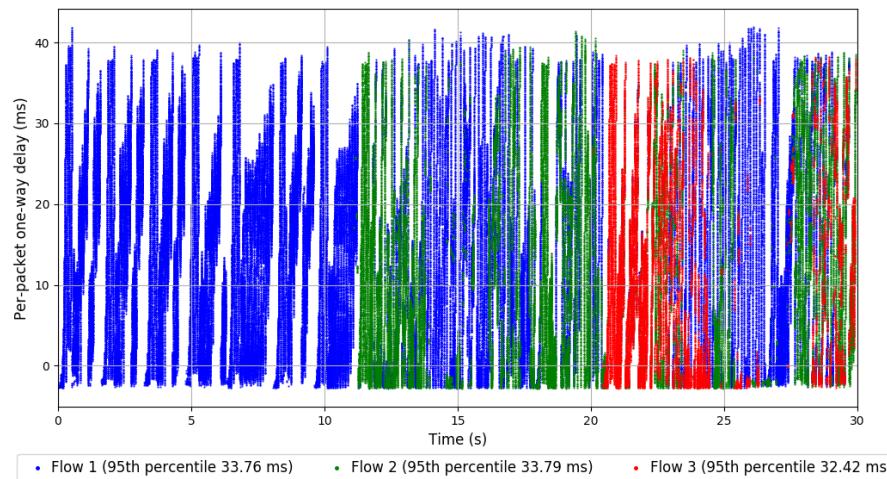
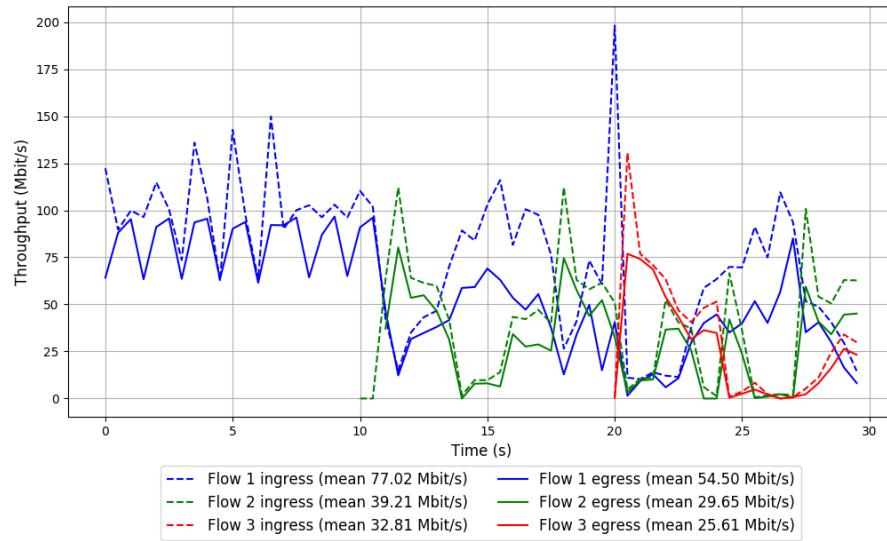


Run 6: Statistics of Verus

```
Start at: 2018-01-02 11:59:23
End at: 2018-01-02 11:59:53
Local clock offset: -3.701 ms
Remote clock offset: -15.058 ms

# Below is generated by plot.py at 2018-01-02 13:54:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.21 Mbit/s
95th percentile per-packet one-way delay: 33.658 ms
Loss rate: 28.29%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 33.764 ms
Loss rate: 29.18%
-- Flow 2:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: 33.789 ms
Loss rate: 28.26%
-- Flow 3:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 32.416 ms
Loss rate: 22.05%
```

Run 6: Report of Verus — Data Link

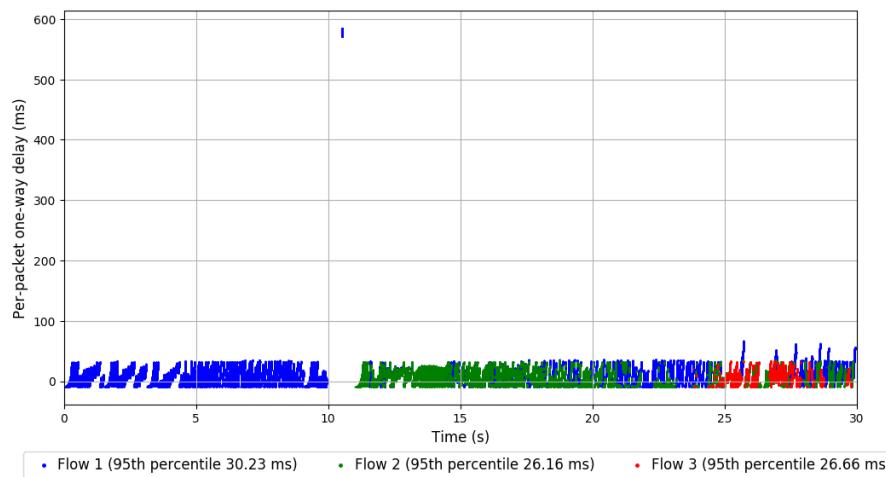
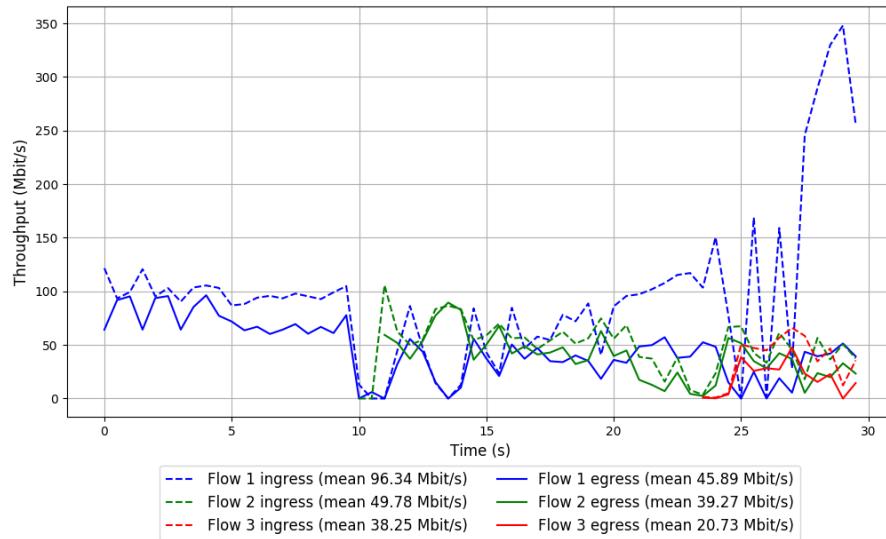


Run 7: Statistics of Verus

```
Start at: 2018-01-02 12:17:09
End at: 2018-01-02 12:17:39
Local clock offset: -0.27 ms
Remote clock offset: -18.3 ms

# Below is generated by plot.py at 2018-01-02 13:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 28.990 ms
Loss rate: 45.35%
-- Flow 1:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 30.227 ms
Loss rate: 52.27%
-- Flow 2:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 26.164 ms
Loss rate: 25.02%
-- Flow 3:
Average throughput: 20.73 Mbit/s
95th percentile per-packet one-way delay: 26.659 ms
Loss rate: 46.06%
```

Run 7: Report of Verus — Data Link

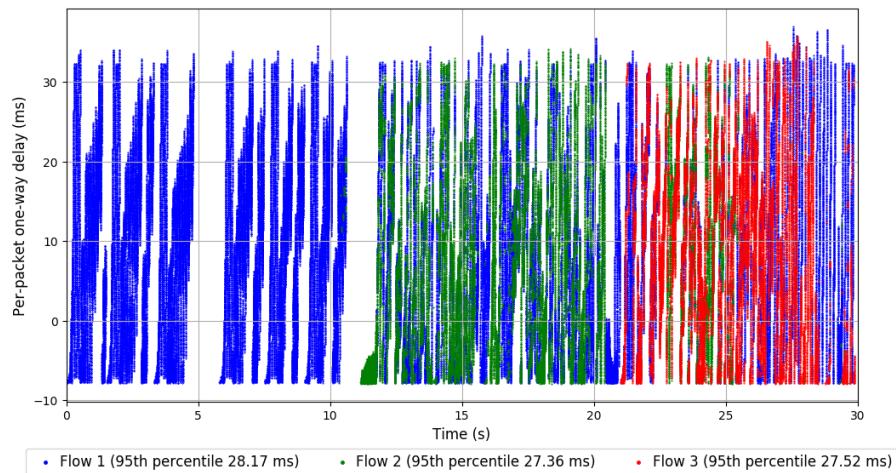
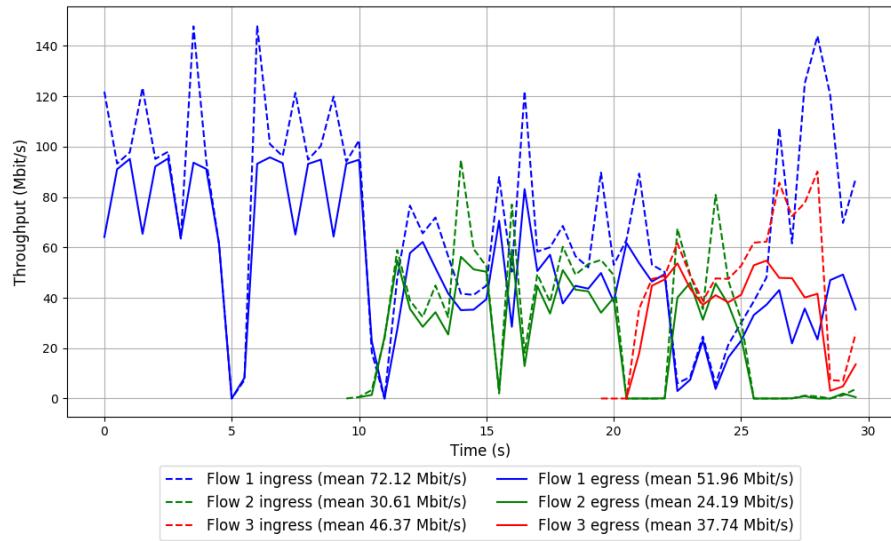


Run 8: Statistics of Verus

```
Start at: 2018-01-02 12:34:43
End at: 2018-01-02 12:35:13
Local clock offset: -0.075 ms
Remote clock offset: -15.889 ms

# Below is generated by plot.py at 2018-01-02 13:54:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 27.962 ms
Loss rate: 26.48%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 28.171 ms
Loss rate: 27.87%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 27.360 ms
Loss rate: 21.17%
-- Flow 3:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 27.523 ms
Loss rate: 26.94%
```

Run 8: Report of Verus — Data Link

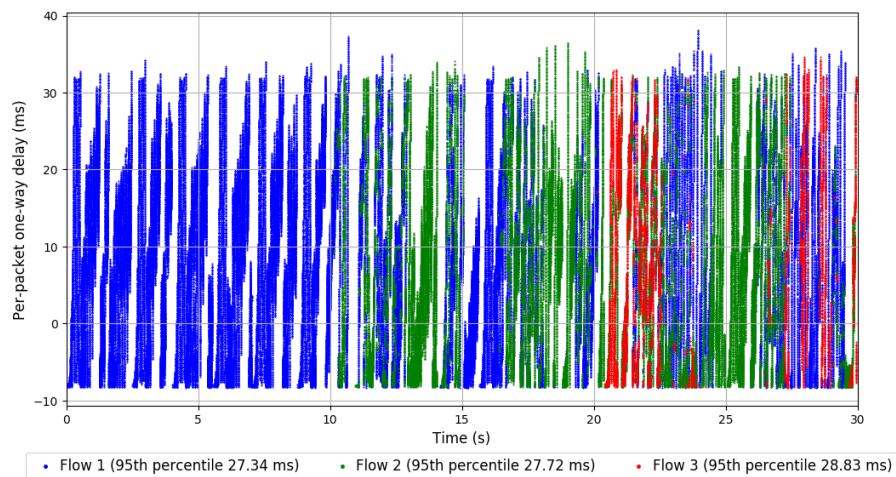
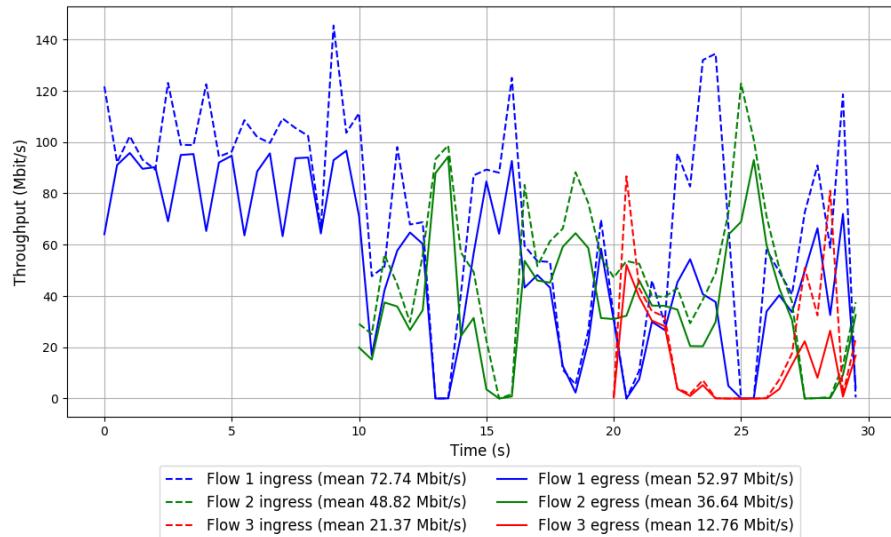


Run 9: Statistics of Verus

```
Start at: 2018-01-02 12:52:26
End at: 2018-01-02 12:52:56
Local clock offset: -1.257 ms
Remote clock offset: -15.877 ms

# Below is generated by plot.py at 2018-01-02 13:54:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 27.575 ms
Loss rate: 27.33%
-- Flow 1:
Average throughput: 52.97 Mbit/s
95th percentile per-packet one-way delay: 27.341 ms
Loss rate: 27.09%
-- Flow 2:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 27.722 ms
Loss rate: 24.99%
-- Flow 3:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 28.833 ms
Loss rate: 40.48%
```

Run 9: Report of Verus — Data Link

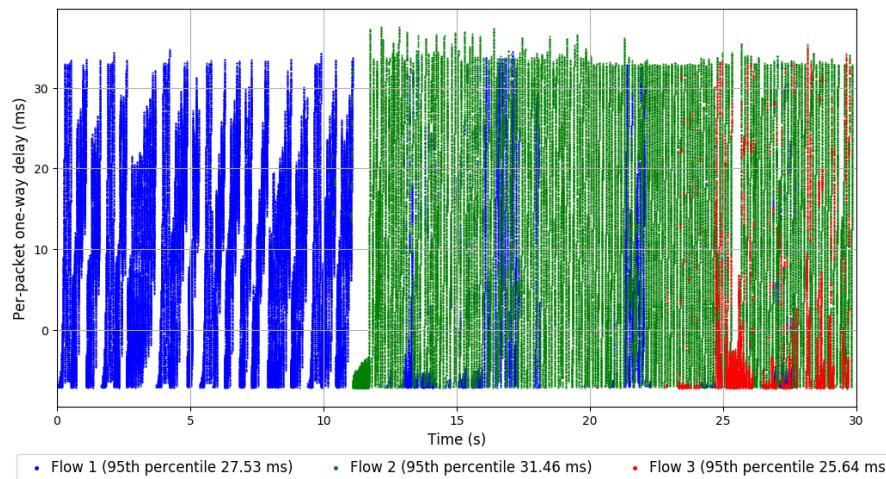
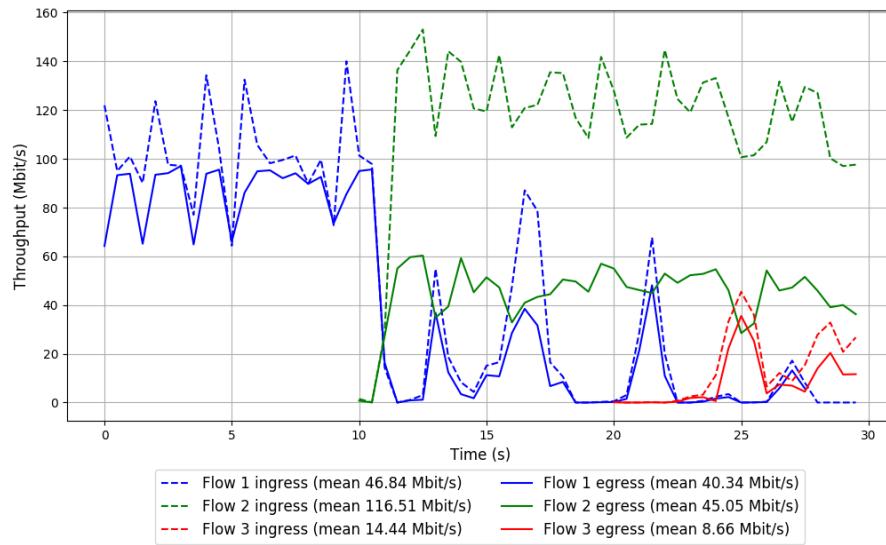


Run 10: Statistics of Verus

```
Start at: 2018-01-02 13:10:13
End at: 2018-01-02 13:10:43
Local clock offset: -0.738 ms
Remote clock offset: -12.993 ms

# Below is generated by plot.py at 2018-01-02 13:54:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.86 Mbit/s
95th percentile per-packet one-way delay: 29.877 ms
Loss rate: 45.42%
-- Flow 1:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 27.533 ms
Loss rate: 19.65%
-- Flow 2:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 31.465 ms
Loss rate: 61.38%
-- Flow 3:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 25.635 ms
Loss rate: 40.71%
```

Run 10: Report of Verus — Data Link

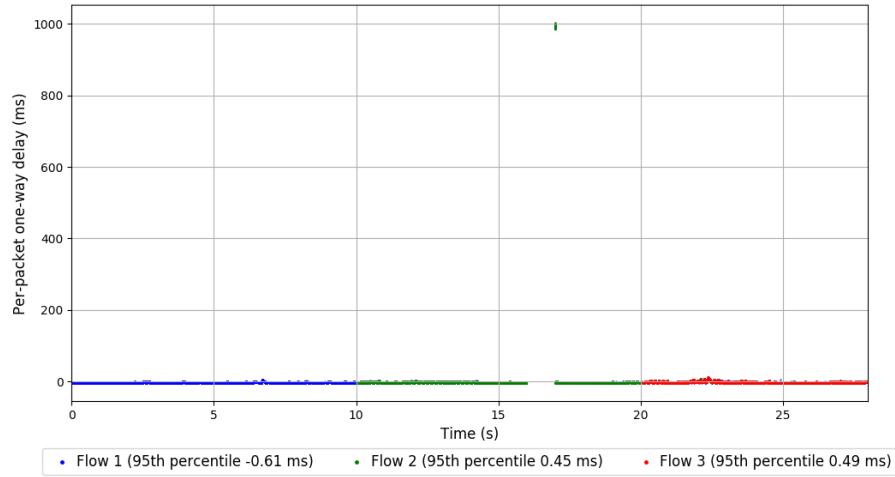
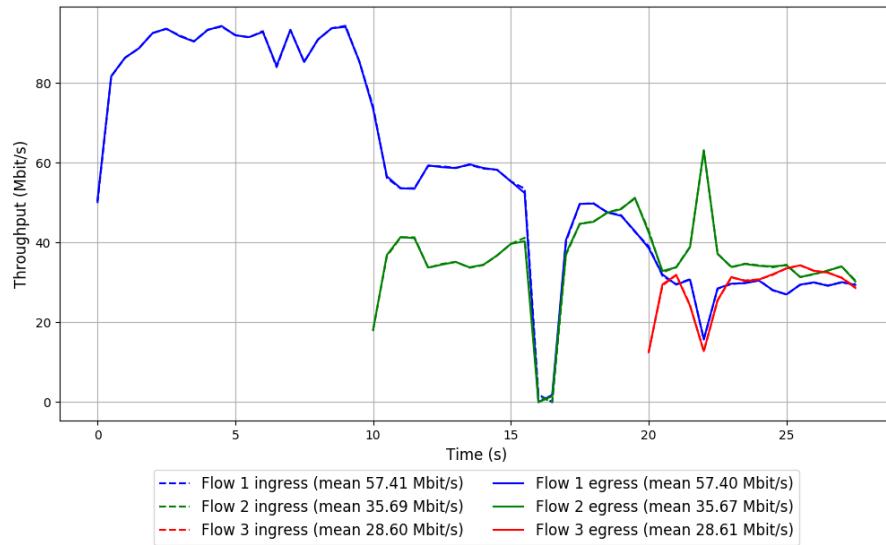


Run 1: Statistics of Copa

```
Start at: 2018-01-02 10:16:45
End at: 2018-01-02 10:17:15
Local clock offset: 0.954 ms
Remote clock offset: -13.357 ms

# Below is generated by plot.py at 2018-01-02 13:55:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: -0.201 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: -0.615 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 0.452 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 0.488 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

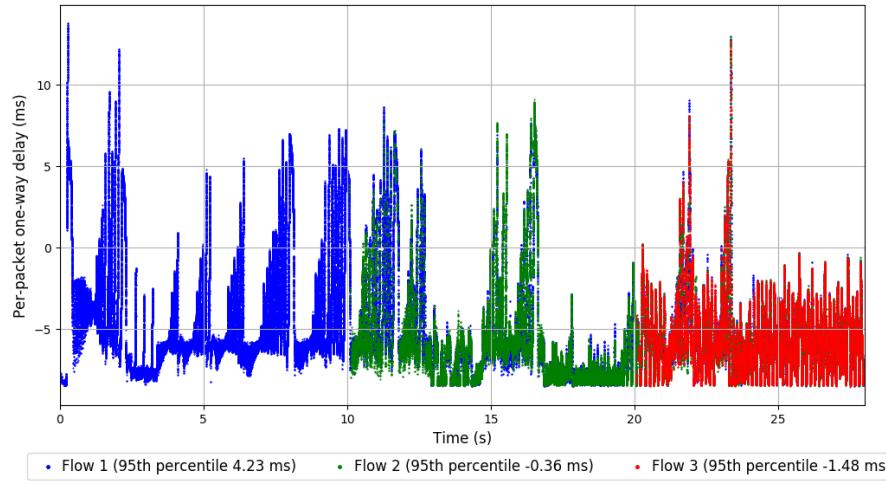
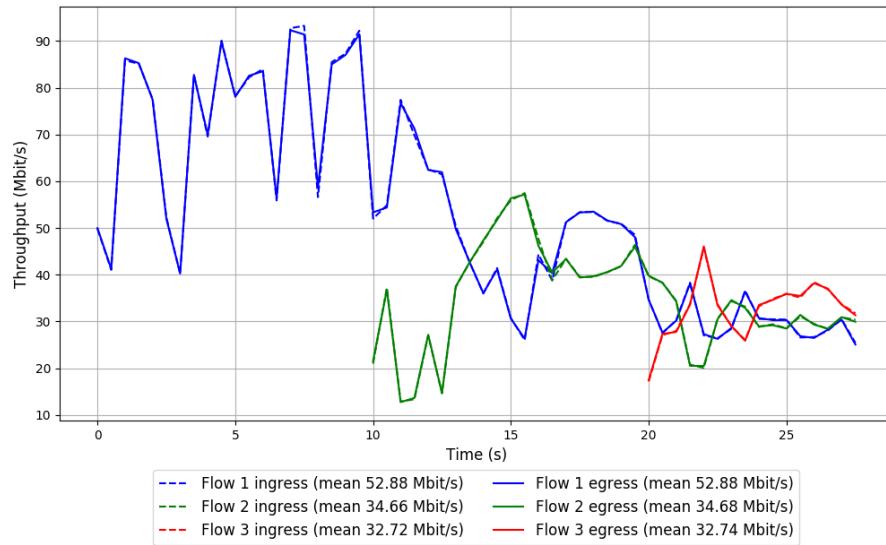


Run 2: Statistics of Copa

```
Start at: 2018-01-02 10:34:17
End at: 2018-01-02 10:34:47
Local clock offset: 3.234 ms
Remote clock offset: -14.636 ms

# Below is generated by plot.py at 2018-01-02 13:55:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 3.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.88 Mbit/s
95th percentile per-packet one-way delay: 4.229 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.68 Mbit/s
95th percentile per-packet one-way delay: -0.364 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: -1.481 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

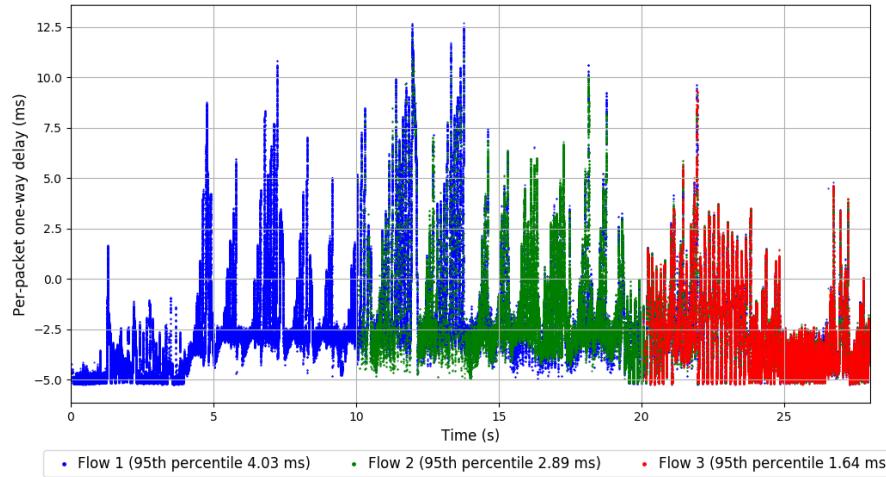
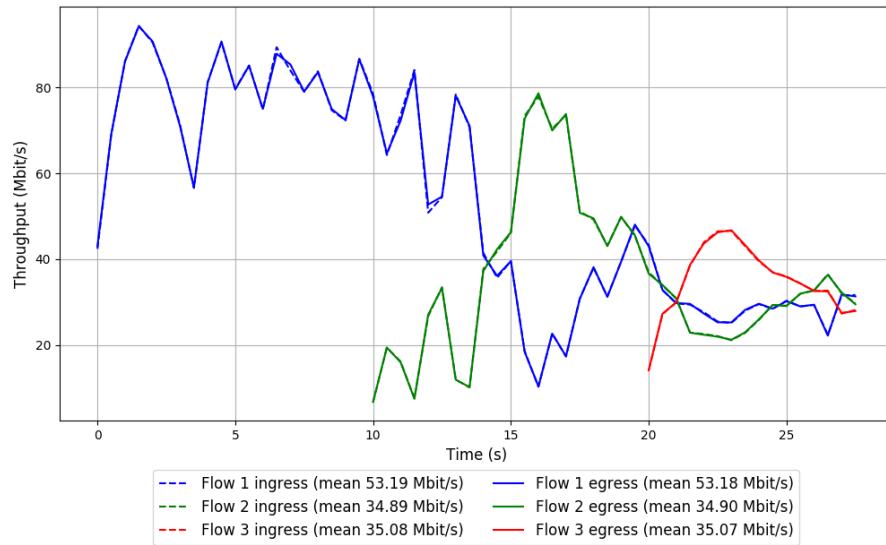


Run 3: Statistics of Copa

```
Start at: 2018-01-02 10:51:59
End at: 2018-01-02 10:52:29
Local clock offset: -0.083 ms
Remote clock offset: -15.094 ms

# Below is generated by plot.py at 2018-01-02 13:56:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 3.299 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.18 Mbit/s
95th percentile per-packet one-way delay: 4.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.90 Mbit/s
95th percentile per-packet one-way delay: 2.891 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 1.643 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

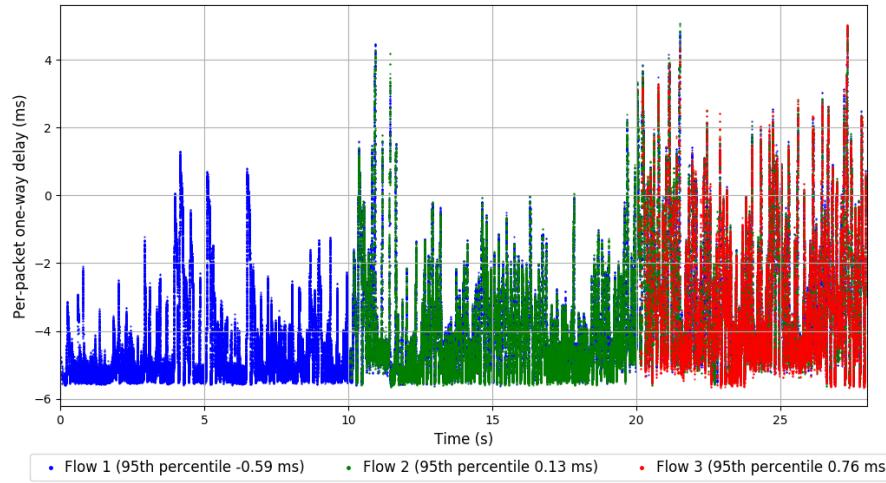
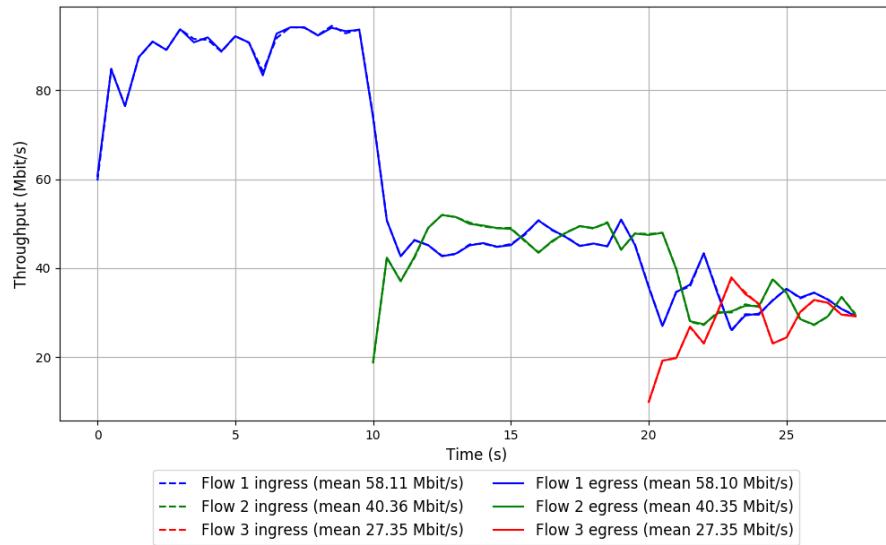


Run 4: Statistics of Copa

```
Start at: 2018-01-02 11:09:52
End at: 2018-01-02 11:10:22
Local clock offset: -0.112 ms
Remote clock offset: -15.232 ms

# Below is generated by plot.py at 2018-01-02 13:56:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: -0.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: -0.590 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 0.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 0.756 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

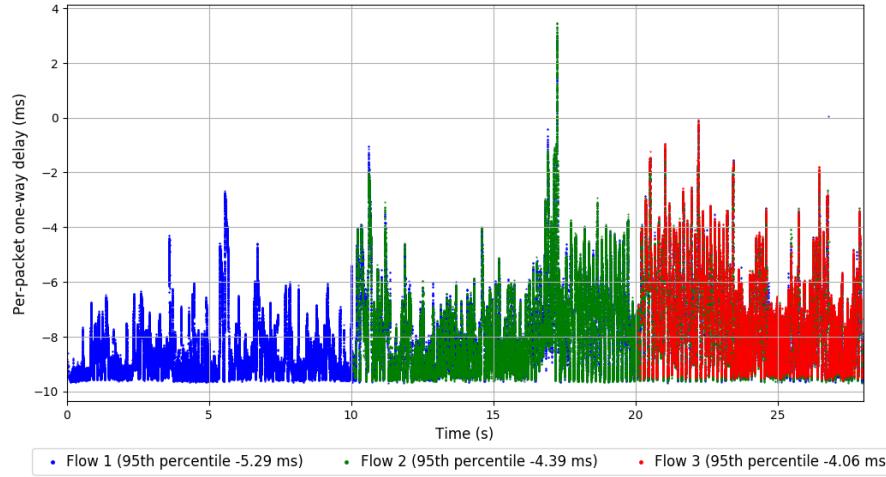
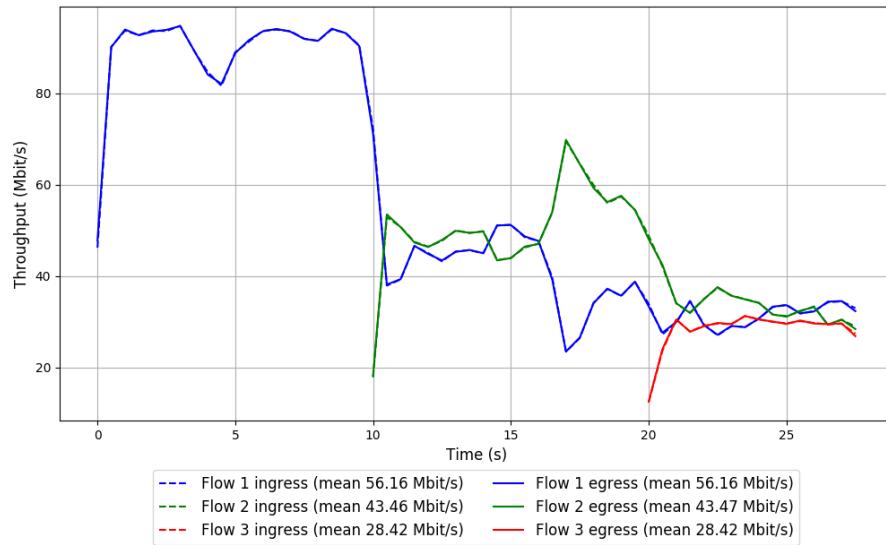


Run 5: Statistics of Copa

```
Start at: 2018-01-02 11:27:37
End at: 2018-01-02 11:28:07
Local clock offset: 2.533 ms
Remote clock offset: -16.434 ms

# Below is generated by plot.py at 2018-01-02 13:56:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: -4.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.16 Mbit/s
95th percentile per-packet one-way delay: -5.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.47 Mbit/s
95th percentile per-packet one-way delay: -4.392 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: -4.063 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

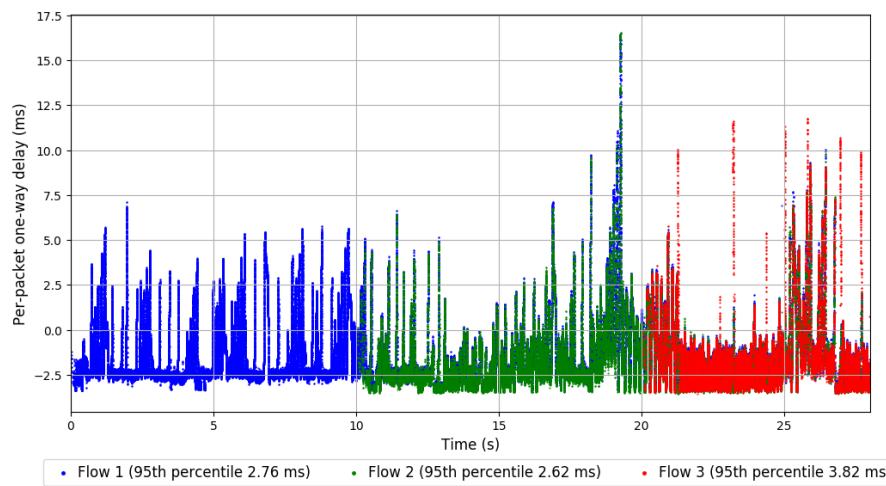
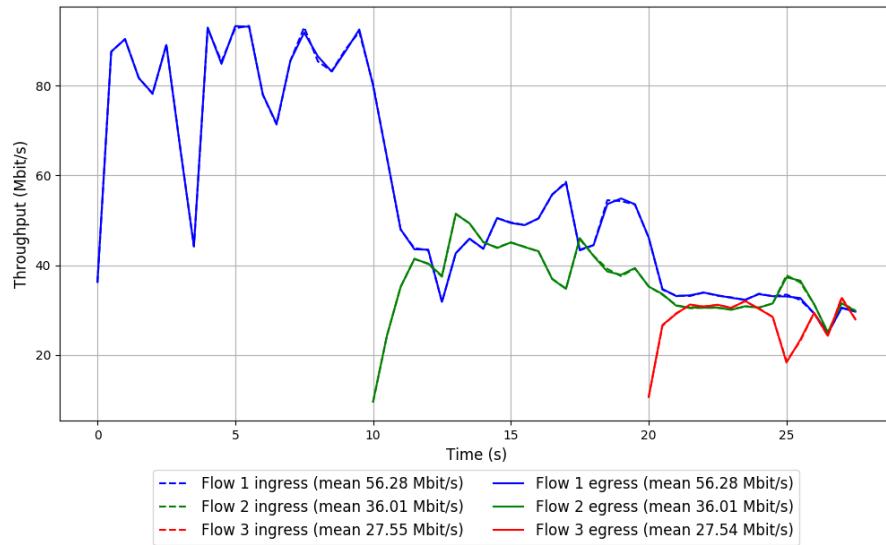


Run 6: Statistics of Copa

```
Start at: 2018-01-02 11:45:12
End at: 2018-01-02 11:45:42
Local clock offset: -8.441 ms
Remote clock offset: -20.435 ms

# Below is generated by plot.py at 2018-01-02 13:56:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 2.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 2.757 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 2.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.54 Mbit/s
95th percentile per-packet one-way delay: 3.823 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

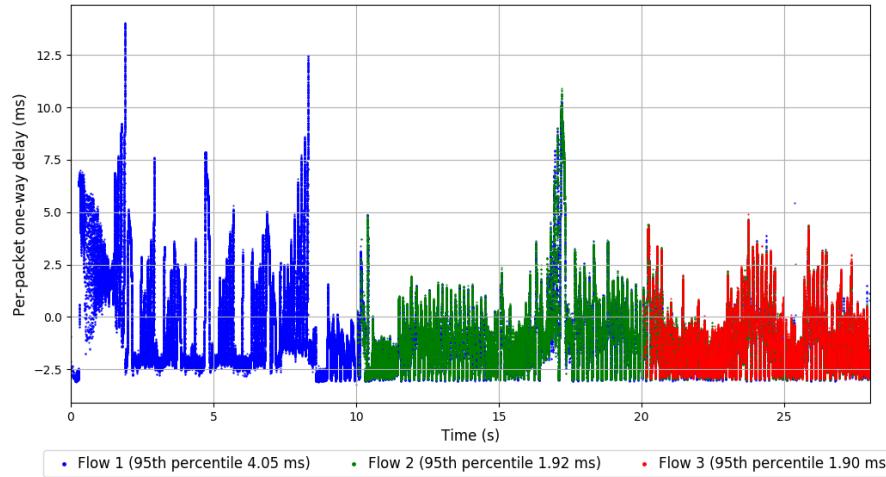
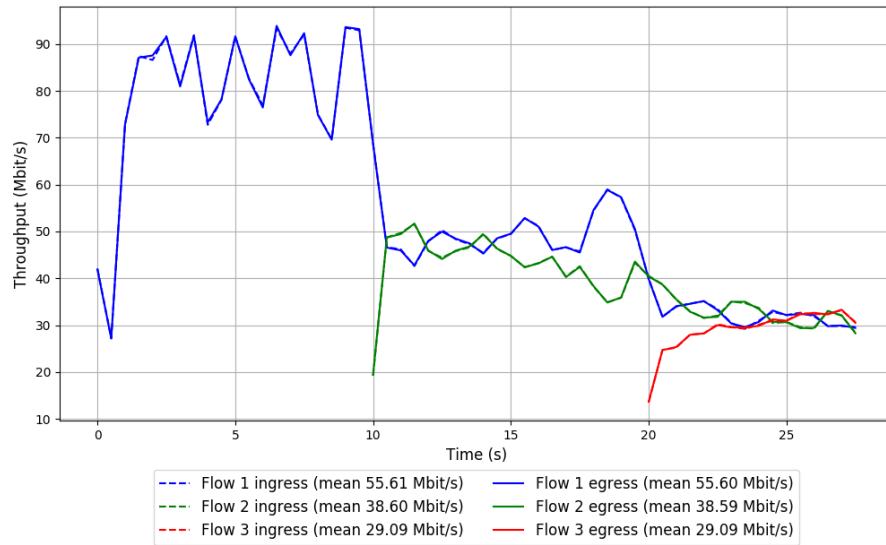


Run 7: Statistics of Copa

```
Start at: 2018-01-02 12:02:52
End at: 2018-01-02 12:03:22
Local clock offset: -3.701 ms
Remote clock offset: -15.598 ms

# Below is generated by plot.py at 2018-01-02 13:56:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 3.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 4.050 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 1.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.09 Mbit/s
95th percentile per-packet one-way delay: 1.899 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

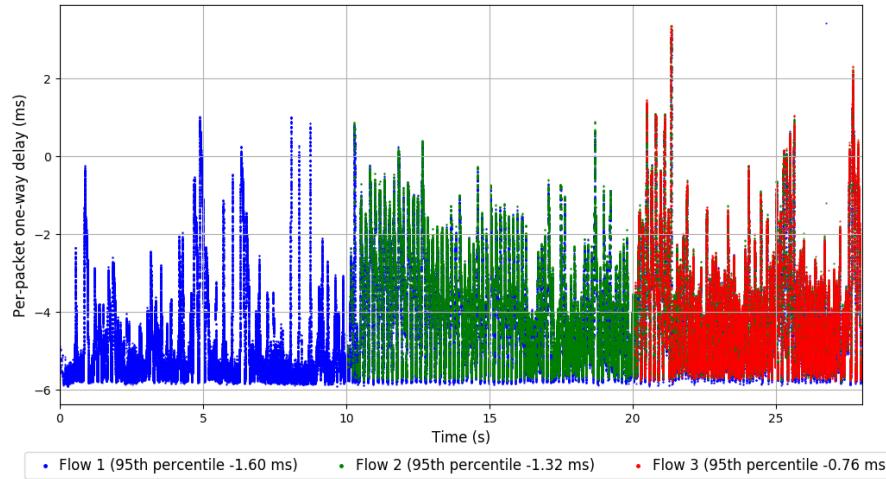
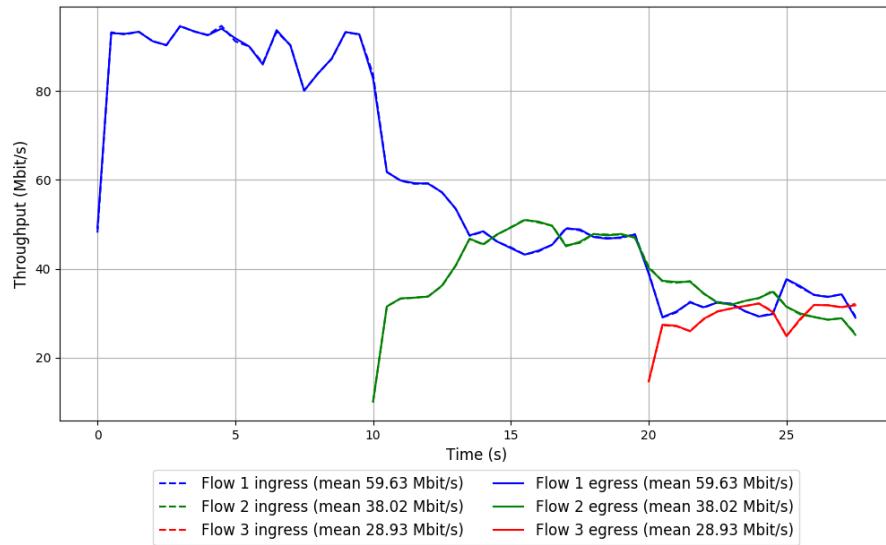


Run 8: Statistics of Copa

```
Start at: 2018-01-02 12:20:37
End at: 2018-01-02 12:21:07
Local clock offset: -0.684 ms
Remote clock offset: -15.566 ms

# Below is generated by plot.py at 2018-01-02 13:57:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: -1.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: -1.597 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: -1.320 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.93 Mbit/s
95th percentile per-packet one-way delay: -0.764 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

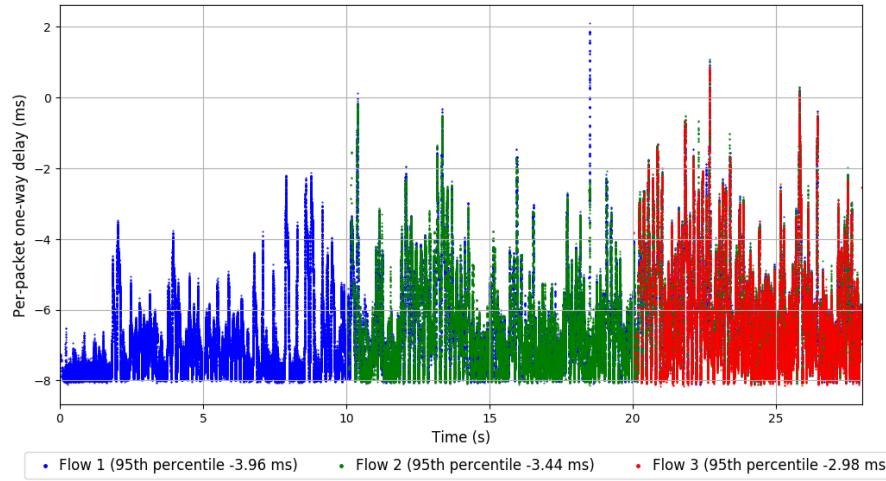
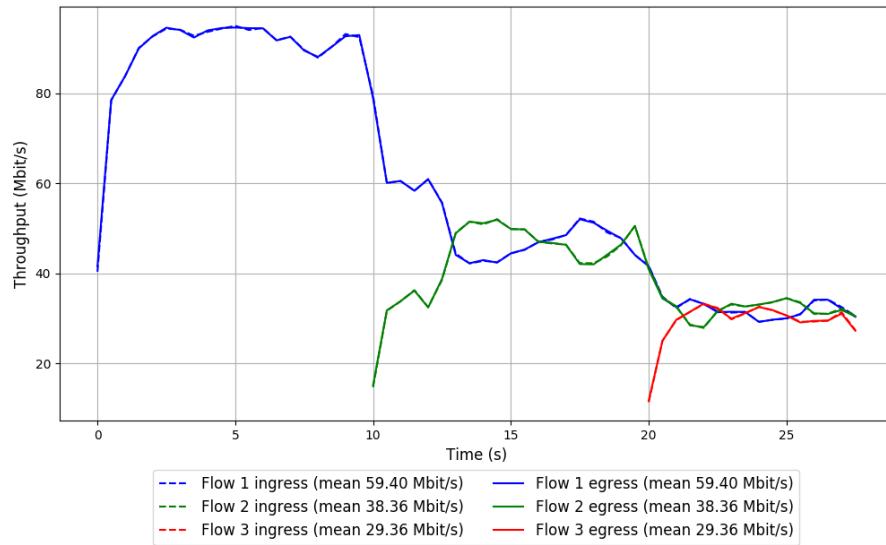


Run 9: Statistics of Copa

```
Start at: 2018-01-02 12:38:12
End at: 2018-01-02 12:38:42
Local clock offset: 0.206 ms
Remote clock offset: -15.558 ms

# Below is generated by plot.py at 2018-01-02 13:57:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: -3.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: -3.964 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: -3.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: -2.977 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

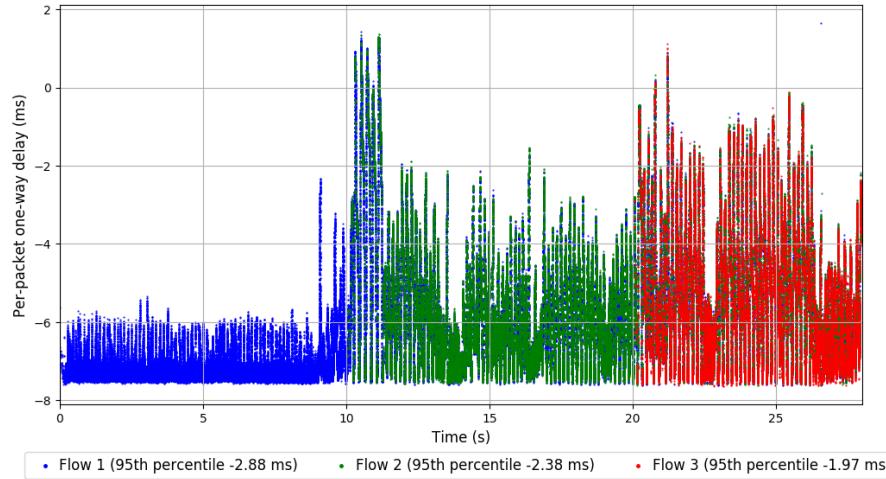
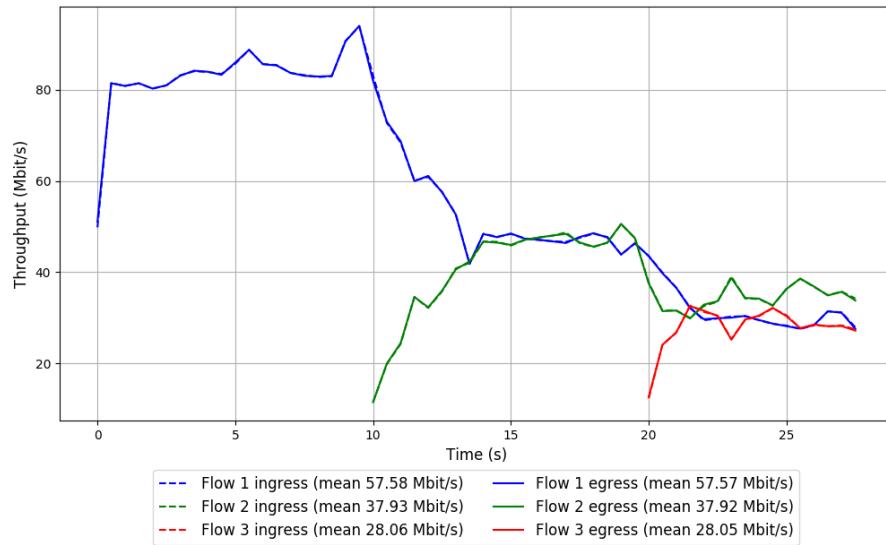


Run 10: Statistics of Copa

```
Start at: 2018-01-02 12:55:55
End at: 2018-01-02 12:56:25
Local clock offset: -1.821 ms
Remote clock offset: -15.382 ms

# Below is generated by plot.py at 2018-01-02 13:58:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: -2.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: -2.882 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: -2.377 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.05 Mbit/s
95th percentile per-packet one-way delay: -1.968 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

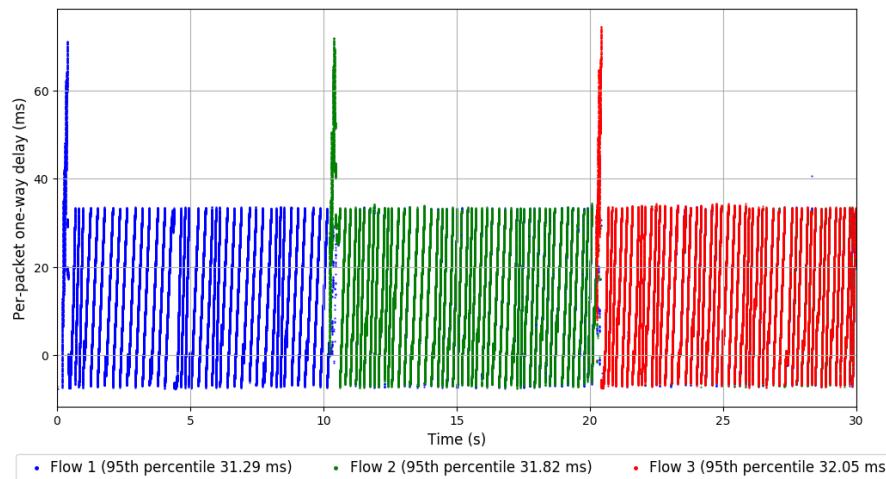
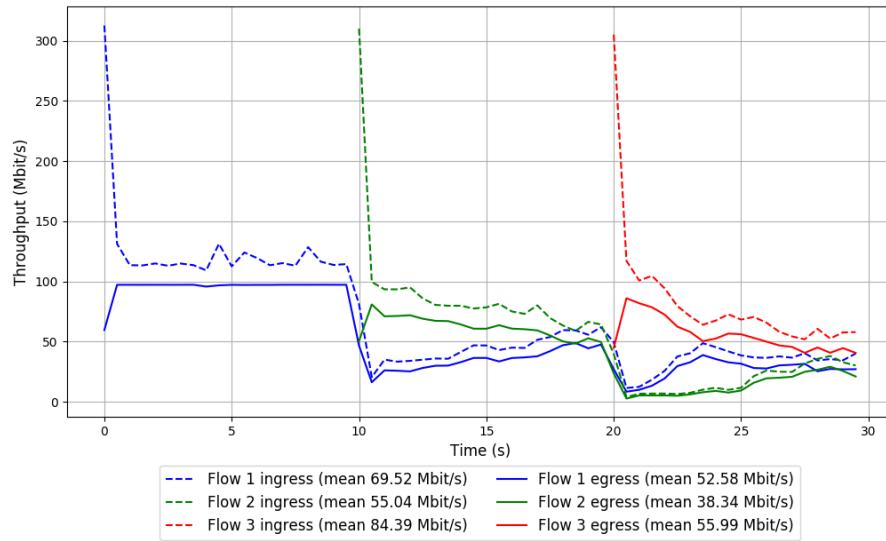


Run 1: Statistics of FillP

```
Start at: 2018-01-02 10:20:14
End at: 2018-01-02 10:20:44
Local clock offset: 1.068 ms
Remote clock offset: -15.975 ms

# Below is generated by plot.py at 2018-01-02 13:58:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 31.562 ms
Loss rate: 27.98%
-- Flow 1:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 31.294 ms
Loss rate: 24.35%
-- Flow 2:
Average throughput: 38.34 Mbit/s
95th percentile per-packet one-way delay: 31.818 ms
Loss rate: 30.40%
-- Flow 3:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 32.052 ms
Loss rate: 33.85%
```

Run 1: Report of FillP — Data Link

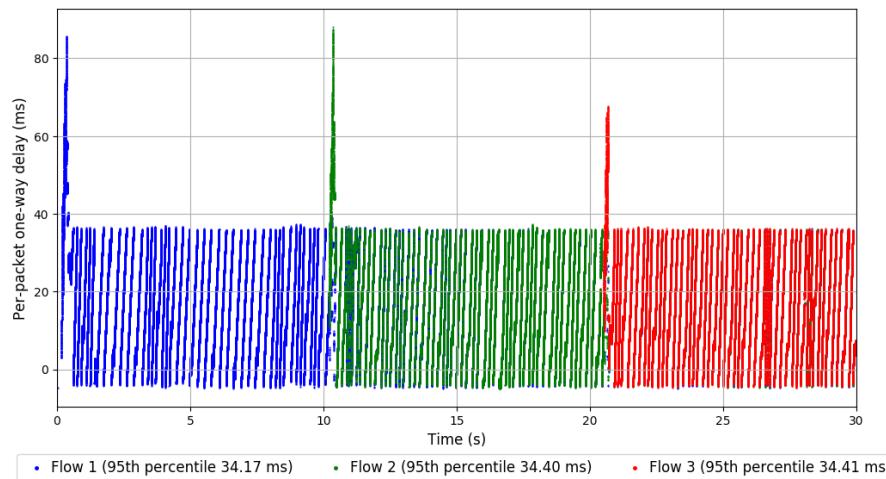
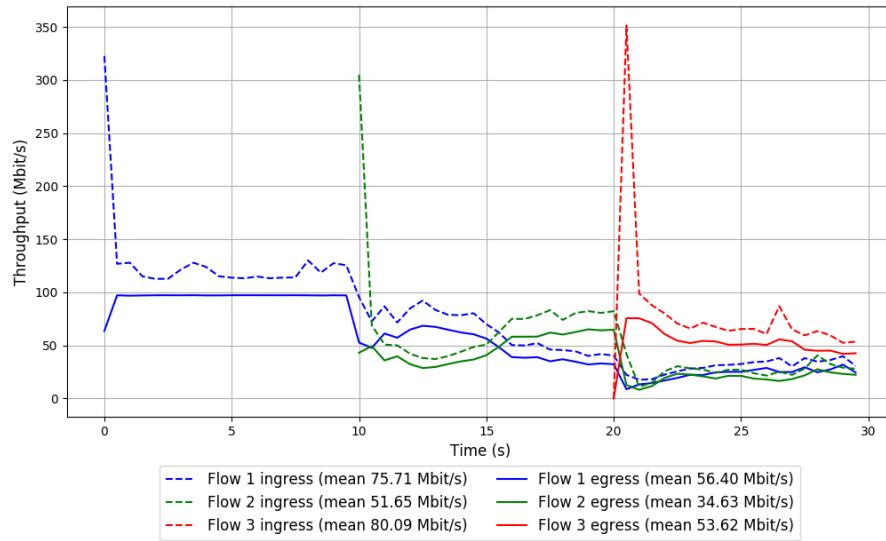


Run 2: Statistics of FillP

```
Start at: 2018-01-02 10:37:47
End at: 2018-01-02 10:38:17
Local clock offset: -1.253 ms
Remote clock offset: -15.394 ms

# Below is generated by plot.py at 2018-01-02 13:58:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 34.267 ms
Loss rate: 29.26%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 34.173 ms
Loss rate: 25.49%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 34.402 ms
Loss rate: 33.05%
-- Flow 3:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 34.405 ms
Loss rate: 35.10%
```

Run 2: Report of FillP — Data Link

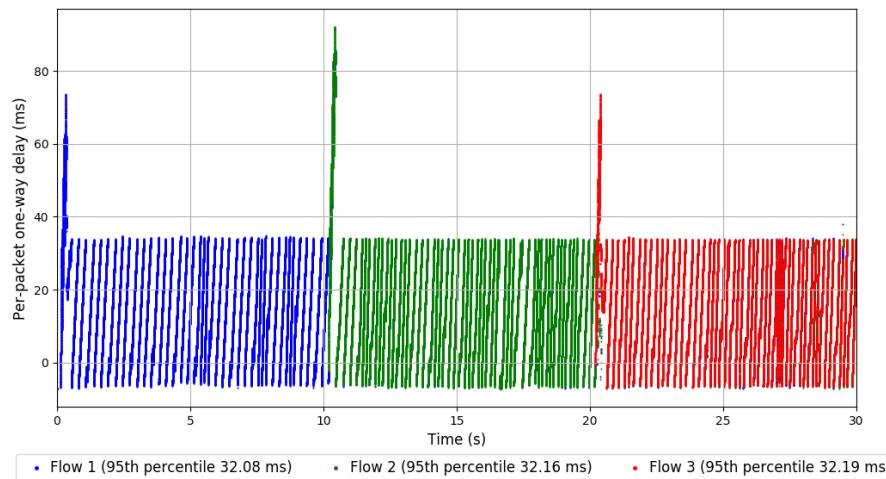
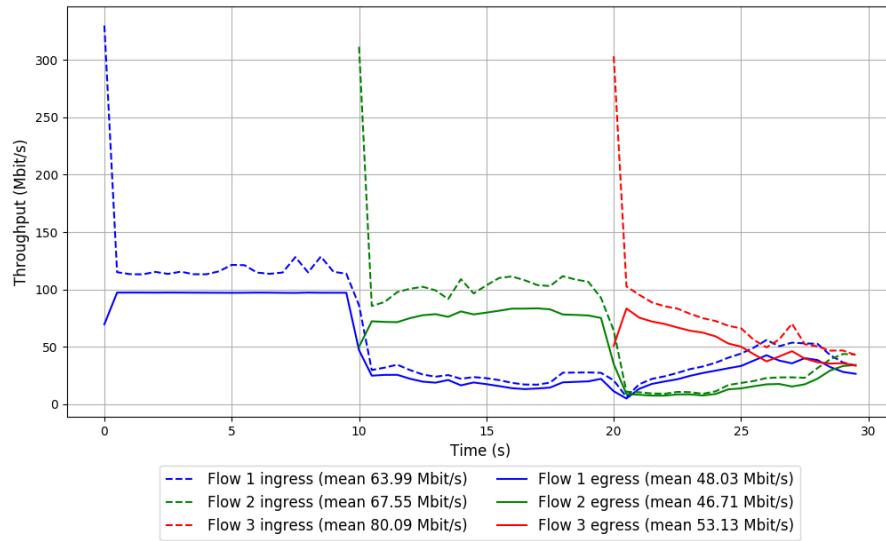


Run 3: Statistics of FillP

```
Start at: 2018-01-02 10:55:33
End at: 2018-01-02 10:56:03
Local clock offset: -0.54 ms
Remote clock offset: -17.35 ms

# Below is generated by plot.py at 2018-01-02 13:58:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 32.128 ms
Loss rate: 28.52%
-- Flow 1:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 32.078 ms
Loss rate: 24.86%
-- Flow 2:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 32.158 ms
Loss rate: 30.78%
-- Flow 3:
Average throughput: 53.13 Mbit/s
95th percentile per-packet one-way delay: 32.186 ms
Loss rate: 33.53%
```

Run 3: Report of FillP — Data Link

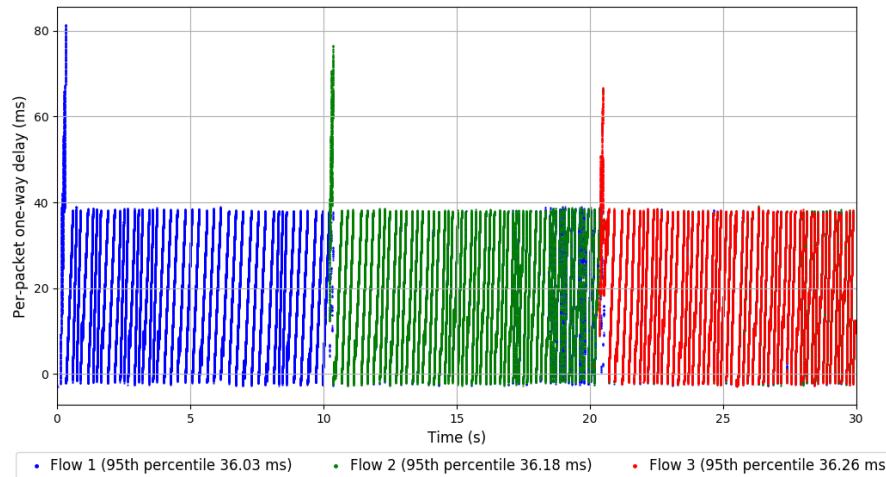
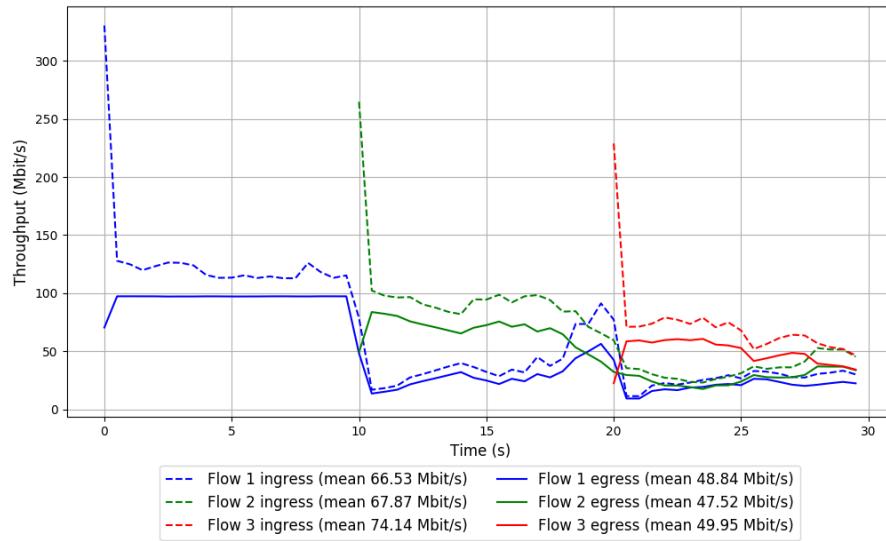


Run 4: Statistics of FillP

```
Start at: 2018-01-02 11:13:22
End at: 2018-01-02 11:13:52
Local clock offset: -1.803 ms
Remote clock offset: -14.178 ms

# Below is generated by plot.py at 2018-01-02 13:58:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 36.120 ms
Loss rate: 28.95%
-- Flow 1:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 36.031 ms
Loss rate: 26.55%
-- Flow 2:
Average throughput: 47.52 Mbit/s
95th percentile per-packet one-way delay: 36.183 ms
Loss rate: 29.97%
-- Flow 3:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 36.256 ms
Loss rate: 33.59%
```

Run 4: Report of FillP — Data Link

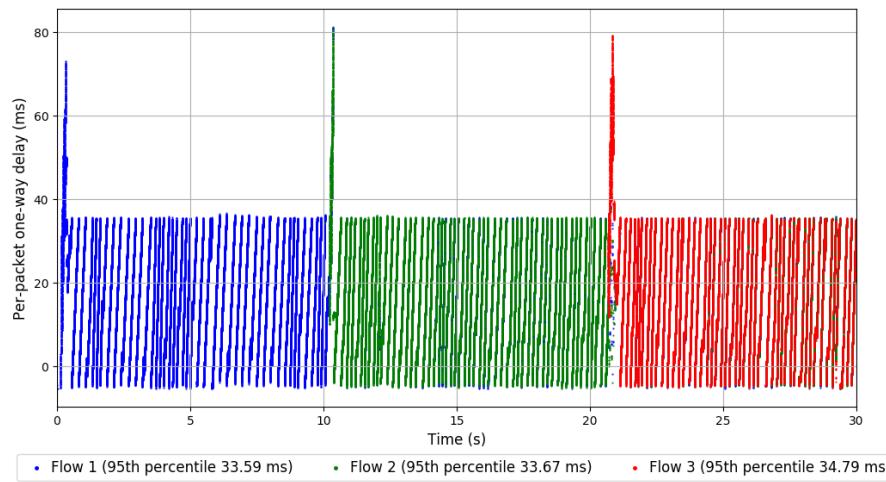
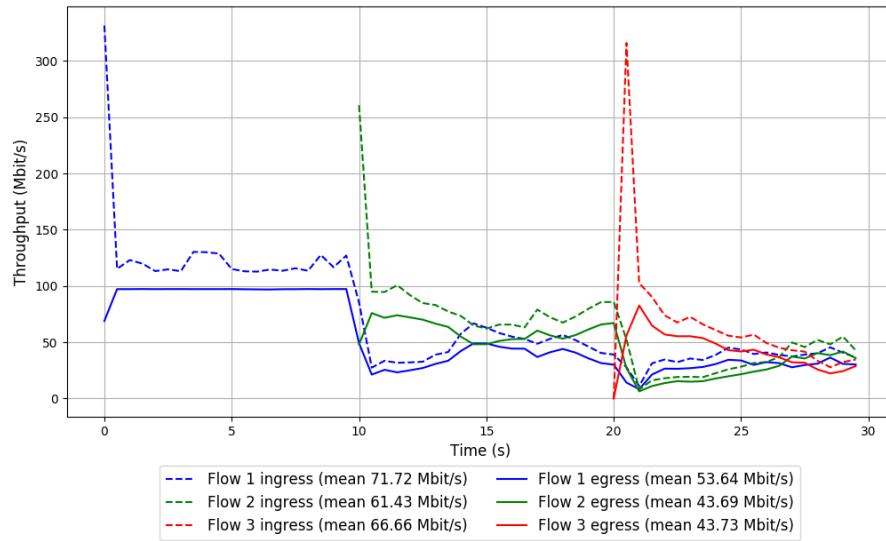


Run 5: Statistics of FillP

```
Start at: 2018-01-02 11:31:08
End at: 2018-01-02 11:31:38
Local clock offset: -1.507 ms
Remote clock offset: -15.985 ms

# Below is generated by plot.py at 2018-01-02 13:58:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 33.781 ms
Loss rate: 28.09%
-- Flow 1:
Average throughput: 53.64 Mbit/s
95th percentile per-packet one-way delay: 33.585 ms
Loss rate: 25.10%
-- Flow 2:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 33.667 ms
Loss rate: 28.88%
-- Flow 3:
Average throughput: 43.73 Mbit/s
95th percentile per-packet one-way delay: 34.792 ms
Loss rate: 36.32%
```

Run 5: Report of FillP — Data Link

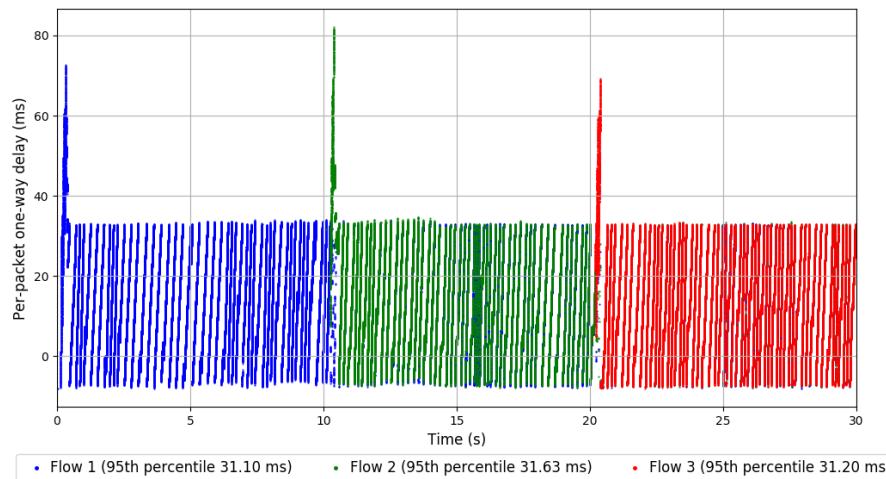
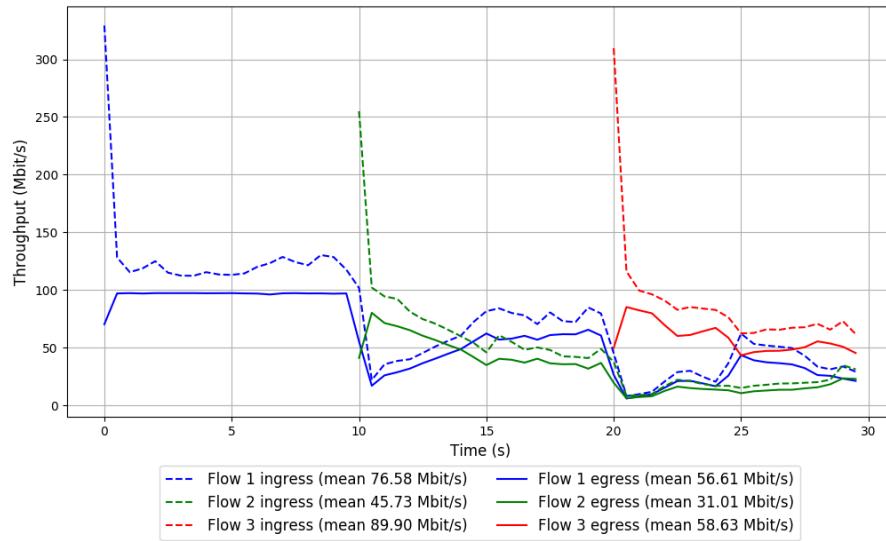


Run 6: Statistics of FillP

```
Start at: 2018-01-02 11:48:46
End at: 2018-01-02 11:49:16
Local clock offset: -0.01 ms
Remote clock offset: -16.461 ms

# Below is generated by plot.py at 2018-01-02 13:58:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 31.223 ms
Loss rate: 29.32%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 31.096 ms
Loss rate: 26.05%
-- Flow 2:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 31.628 ms
Loss rate: 32.22%
-- Flow 3:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 31.195 ms
Loss rate: 34.74%
```

Run 6: Report of FillP — Data Link

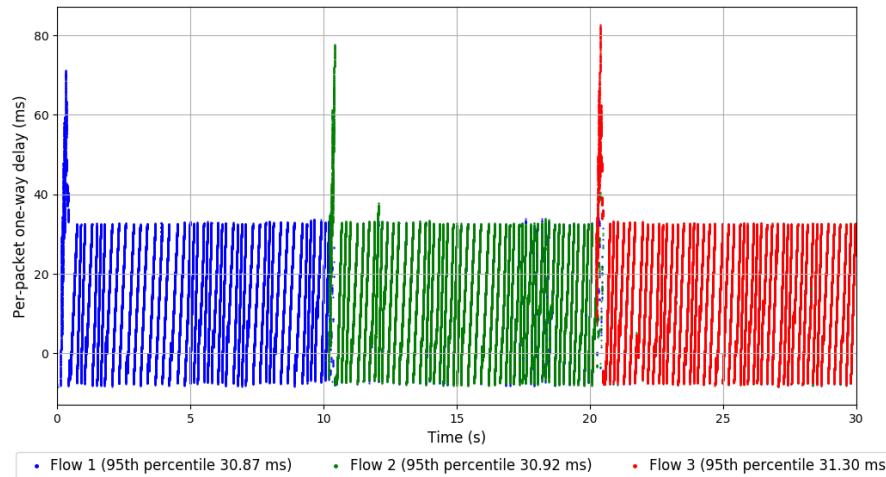
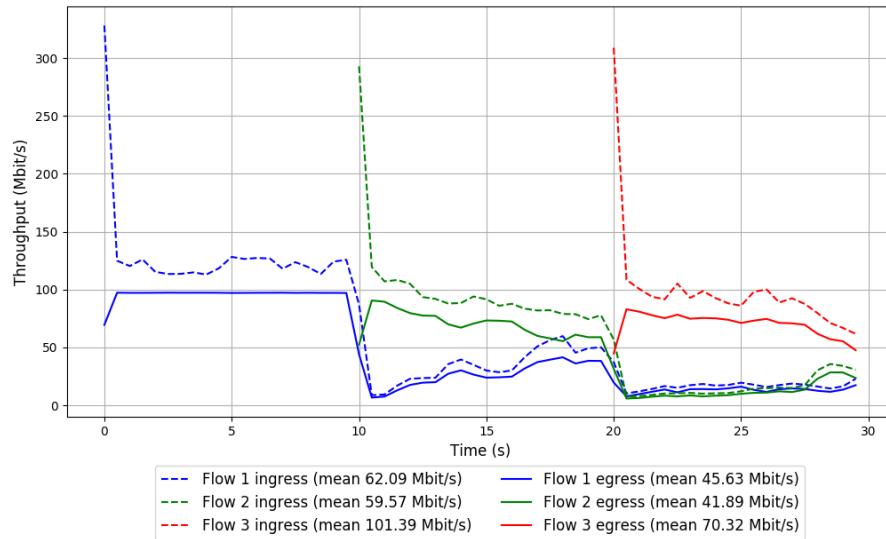


Run 7: Statistics of FillP

```
Start at: 2018-01-02 12:06:22
End at: 2018-01-02 12:06:52
Local clock offset: 0.875 ms
Remote clock offset: -16.522 ms

# Below is generated by plot.py at 2018-01-02 13:59:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 30.976 ms
Loss rate: 28.55%
-- Flow 1:
Average throughput: 45.63 Mbit/s
95th percentile per-packet one-way delay: 30.868 ms
Loss rate: 26.51%
-- Flow 2:
Average throughput: 41.89 Mbit/s
95th percentile per-packet one-way delay: 30.918 ms
Loss rate: 29.79%
-- Flow 3:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 31.298 ms
Loss rate: 30.87%
```

Run 7: Report of FillP — Data Link

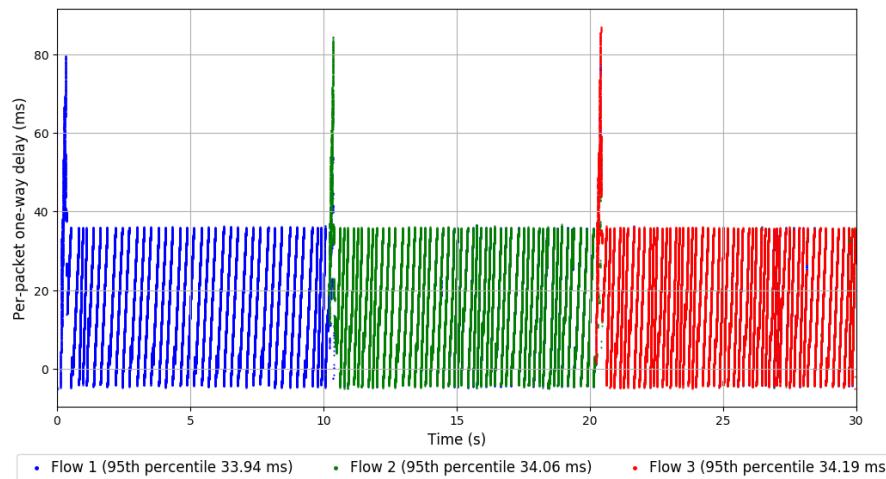
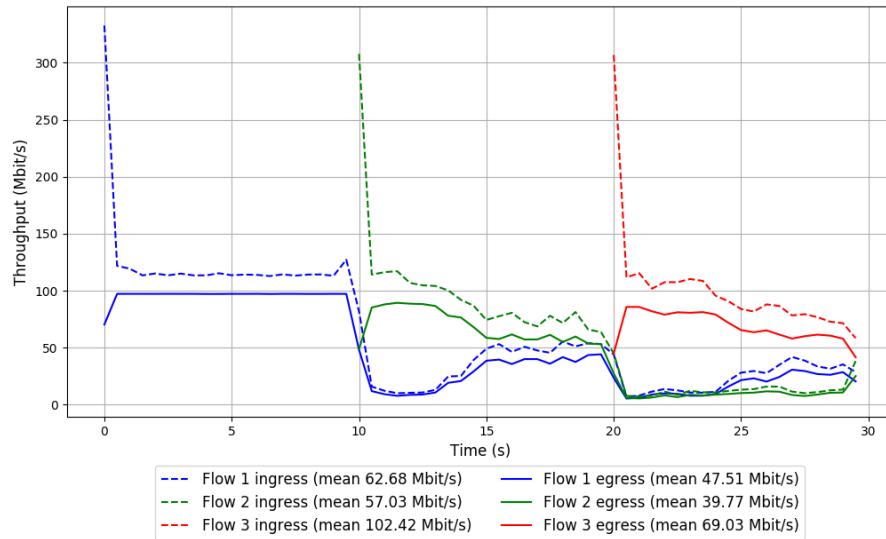


Run 8: Statistics of FillP

```
Start at: 2018-01-02 12:24:08
End at: 2018-01-02 12:24:38
Local clock offset: -1.232 ms
Remote clock offset: -15.073 ms

# Below is generated by plot.py at 2018-01-02 13:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 34.034 ms
Loss rate: 28.11%
-- Flow 1:
Average throughput: 47.51 Mbit/s
95th percentile per-packet one-way delay: 33.943 ms
Loss rate: 24.21%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 34.064 ms
Loss rate: 30.38%
-- Flow 3:
Average throughput: 69.03 Mbit/s
95th percentile per-packet one-way delay: 34.190 ms
Loss rate: 32.77%
```

Run 8: Report of FillP — Data Link

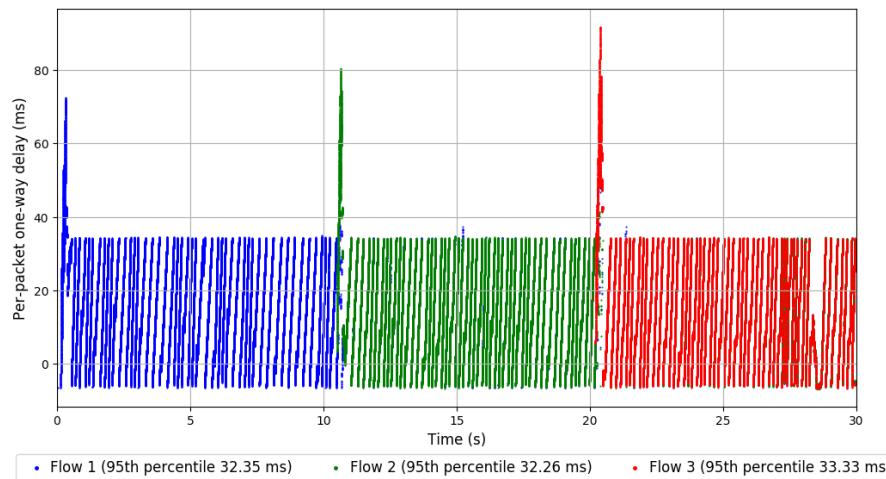
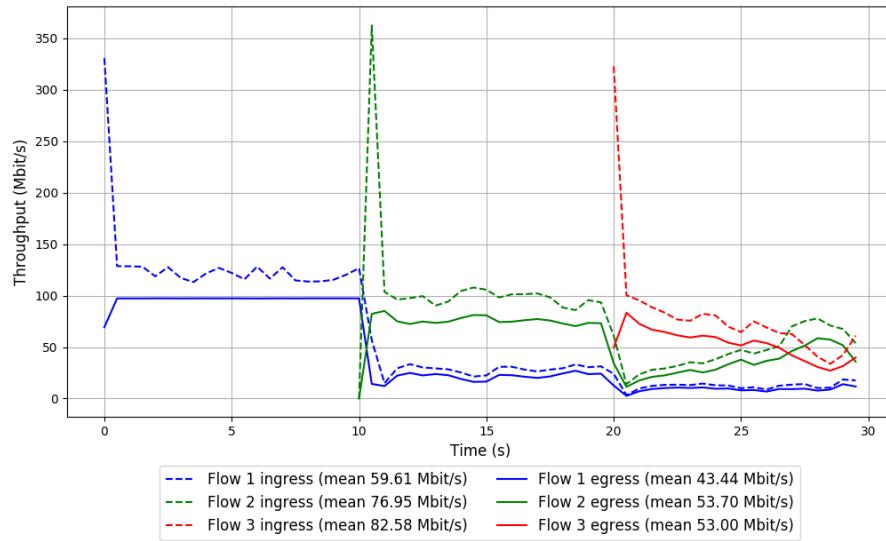


Run 9: Statistics of FillP

```
Start at: 2018-01-02 12:41:47
End at: 2018-01-02 12:42:17
Local clock offset: -2.237 ms
Remote clock offset: -16.156 ms

# Below is generated by plot.py at 2018-01-02 14:00:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 32.481 ms
Loss rate: 30.04%
-- Flow 1:
Average throughput: 43.44 Mbit/s
95th percentile per-packet one-way delay: 32.351 ms
Loss rate: 27.13%
-- Flow 2:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 32.255 ms
Loss rate: 30.30%
-- Flow 3:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 33.331 ms
Loss rate: 35.90%
```

Run 9: Report of FillP — Data Link

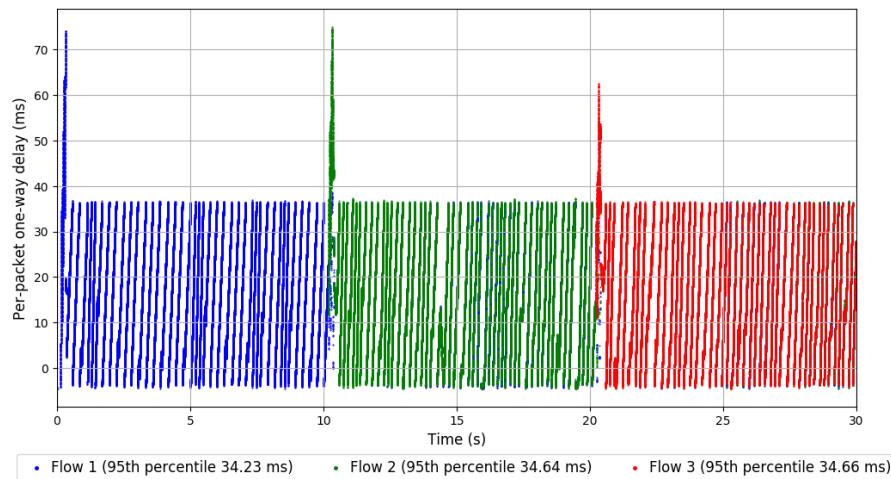
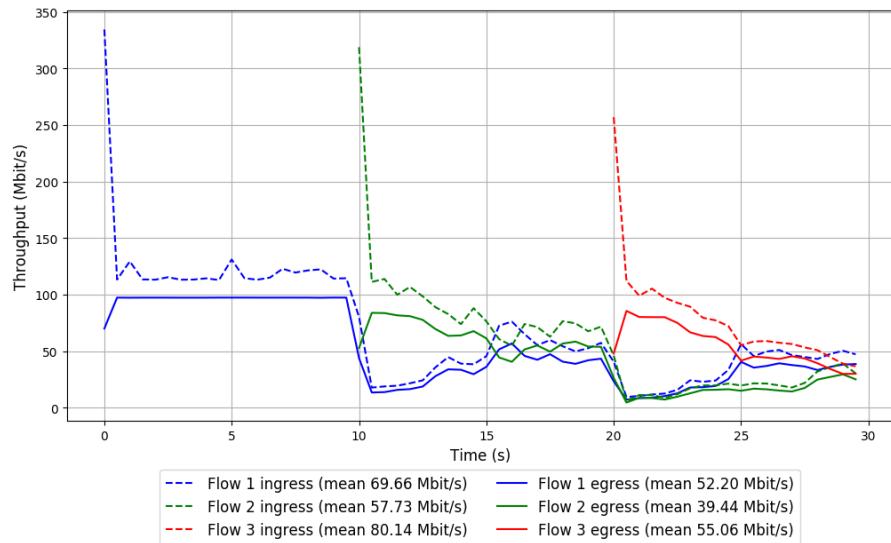


Run 10: Statistics of FillP

```
Start at: 2018-01-02 12:59:30
End at: 2018-01-02 13:00:00
Local clock offset: -7.249 ms
Remote clock offset: -17.251 ms

# Below is generated by plot.py at 2018-01-02 14:00:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 34.414 ms
Loss rate: 28.12%
-- Flow 1:
Average throughput: 52.20 Mbit/s
95th percentile per-packet one-way delay: 34.226 ms
Loss rate: 24.98%
-- Flow 2:
Average throughput: 39.44 Mbit/s
95th percentile per-packet one-way delay: 34.639 ms
Loss rate: 31.58%
-- Flow 3:
Average throughput: 55.06 Mbit/s
95th percentile per-packet one-way delay: 34.660 ms
Loss rate: 31.34%
```

Run 10: Report of FillP — Data Link

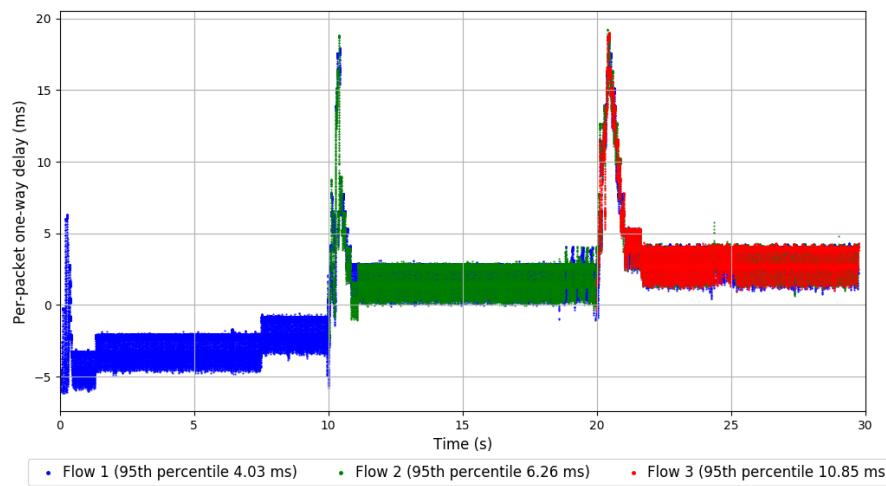
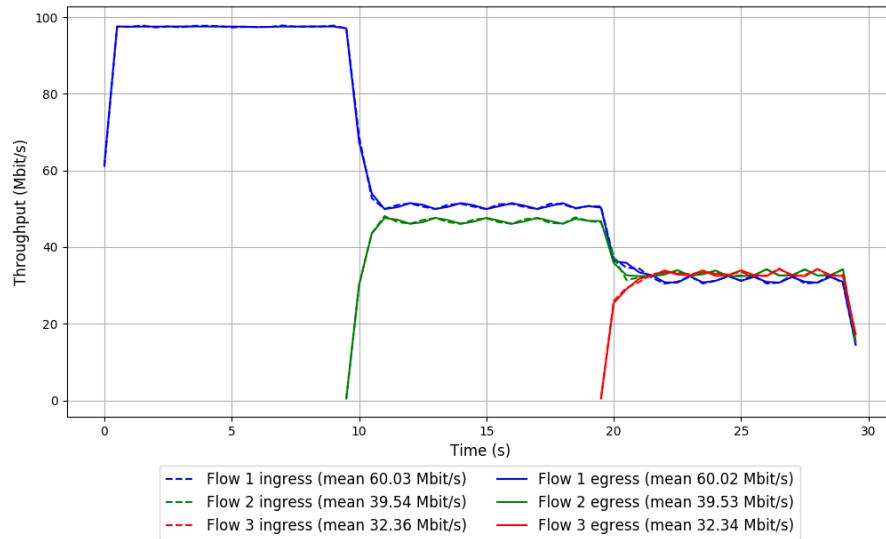


Run 1: Statistics of Indigo

```
Start at: 2018-01-02 10:27:12
End at: 2018-01-02 10:27:42
Local clock offset: 0.784 ms
Remote clock offset: -14.776 ms

# Below is generated by plot.py at 2018-01-02 14:00:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 5.156 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.02 Mbit/s
95th percentile per-packet one-way delay: 4.031 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 6.261 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 10.849 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

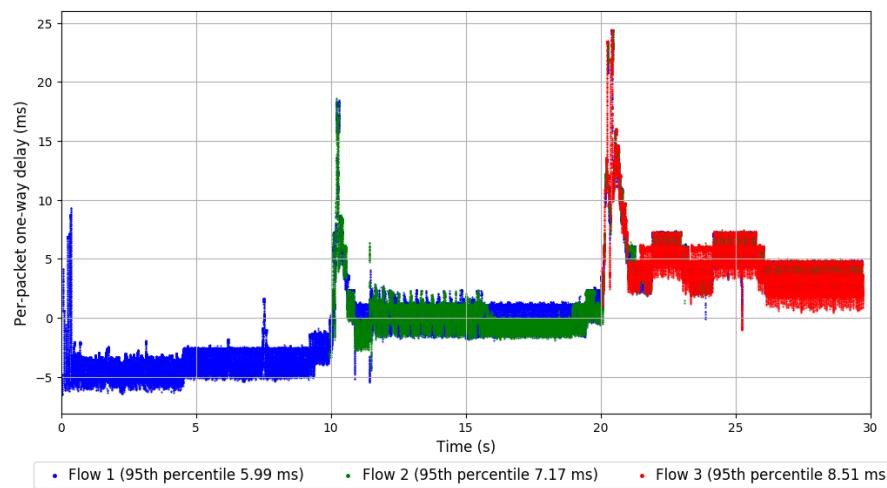
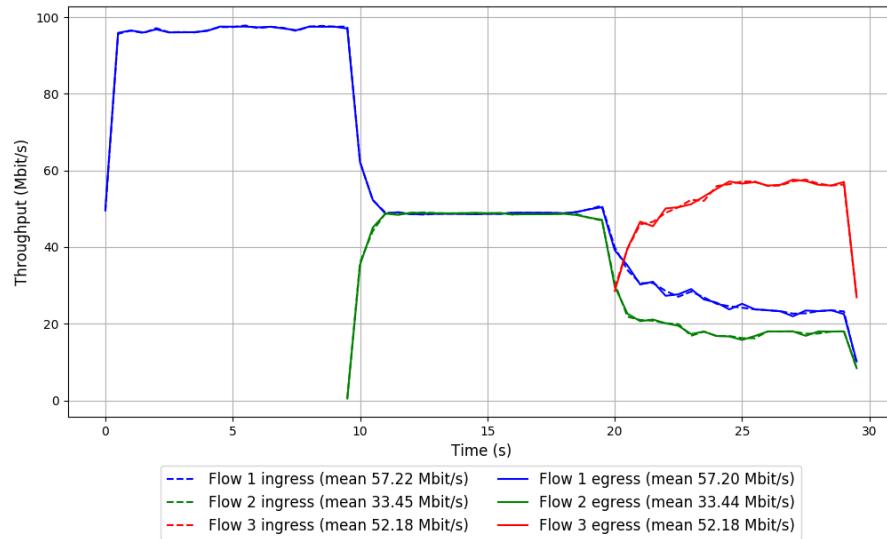


Run 2: Statistics of Indigo

```
Start at: 2018-01-02 10:44:57
End at: 2018-01-02 10:45:27
Local clock offset: -0.345 ms
Remote clock offset: -16.245 ms

# Below is generated by plot.py at 2018-01-02 14:00:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 7.007 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 5.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 7.171 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 8.510 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

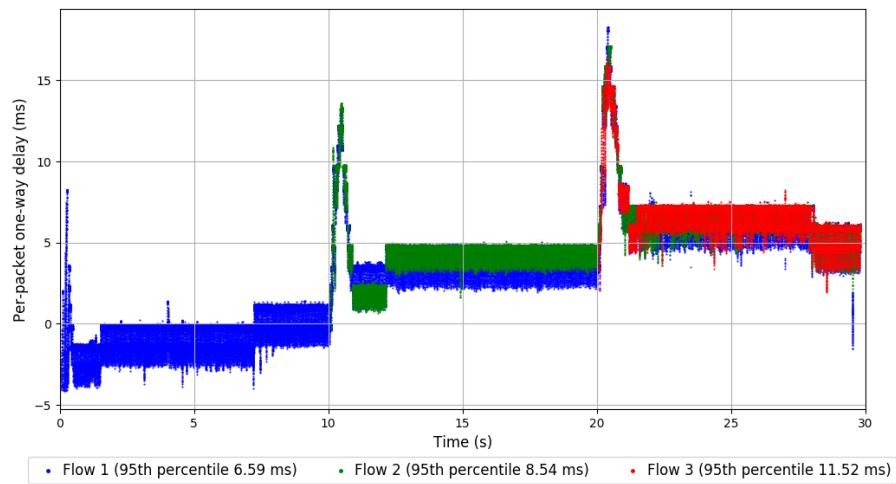
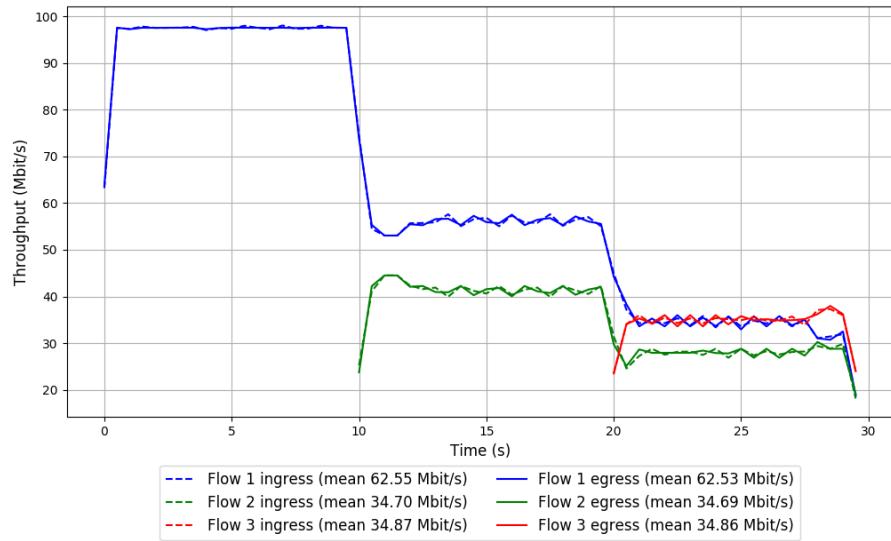


Run 3: Statistics of Indigo

```
Start at: 2018-01-02 11:02:49
End at: 2018-01-02 11:03:19
Local clock offset: -2.024 ms
Remote clock offset: -15.837 ms

# Below is generated by plot.py at 2018-01-02 14:00:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 7.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.53 Mbit/s
95th percentile per-packet one-way delay: 6.586 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 8.537 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 11.517 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

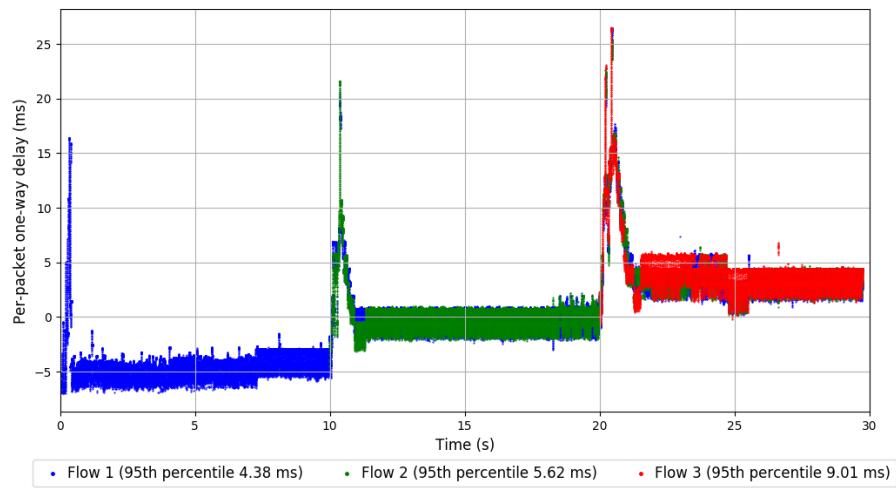
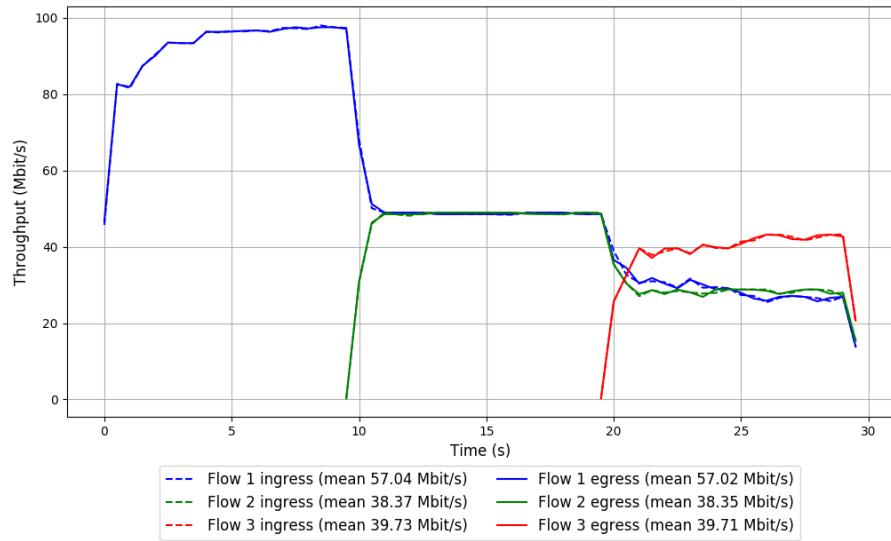


Run 4: Statistics of Indigo

```
Start at: 2018-01-02 11:20:33
End at: 2018-01-02 11:21:03
Local clock offset: 0.125 ms
Remote clock offset: -16.338 ms

# Below is generated by plot.py at 2018-01-02 14:00:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 5.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 4.383 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 5.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.71 Mbit/s
95th percentile per-packet one-way delay: 9.005 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

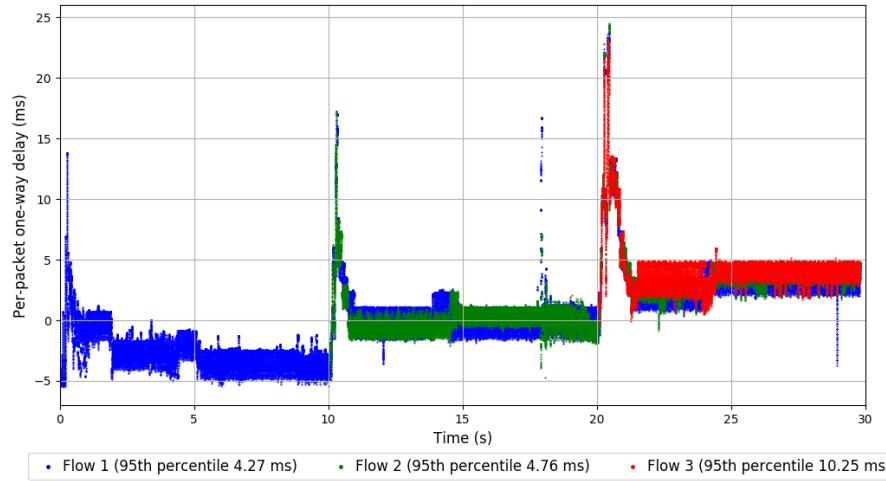
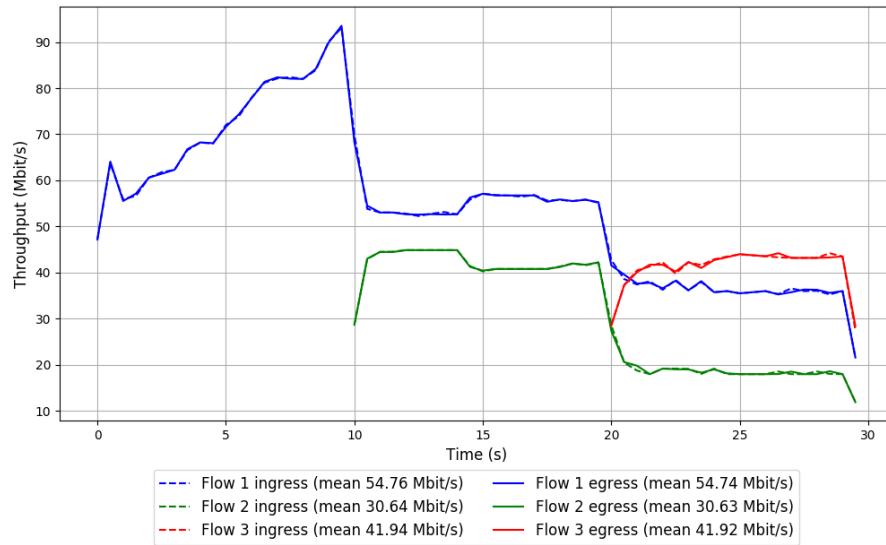


Run 5: Statistics of Indigo

```
Start at: 2018-01-02 11:38:10
End at: 2018-01-02 11:38:40
Local clock offset: -0.709 ms
Remote clock offset: -15.049 ms

# Below is generated by plot.py at 2018-01-02 14:00:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 4.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 4.270 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 4.756 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 10.253 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

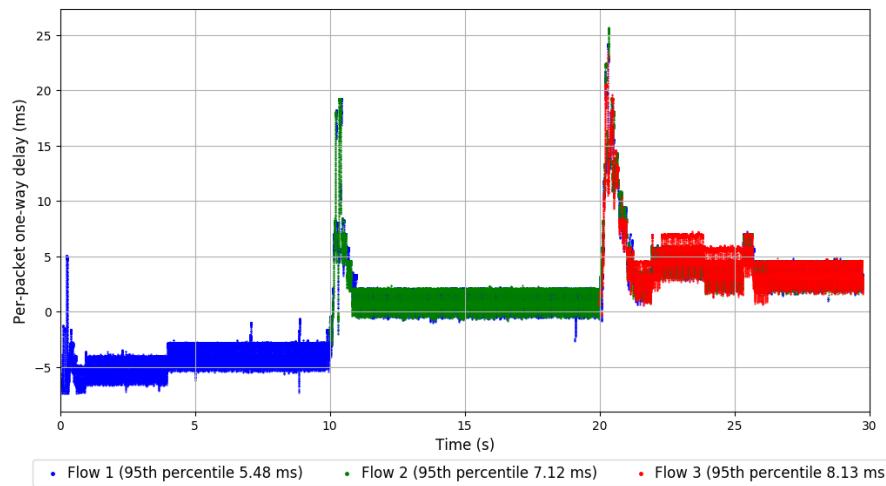
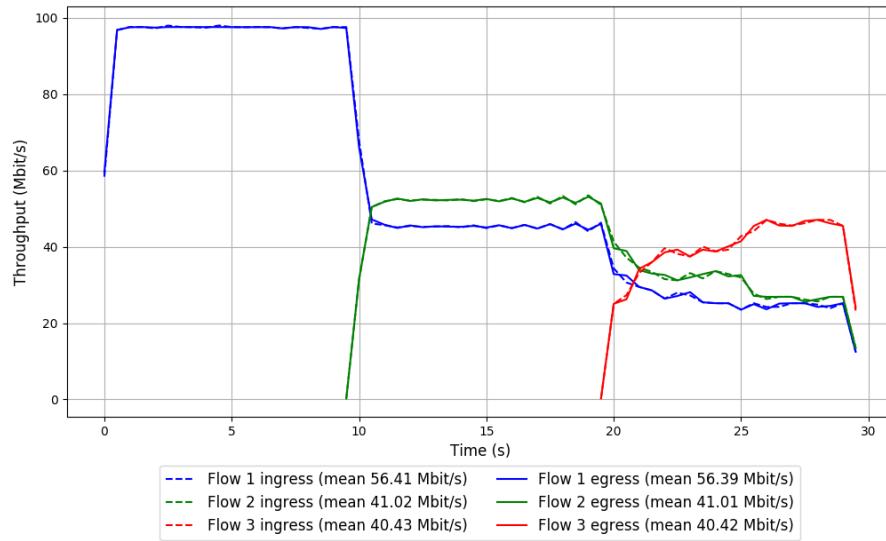


Run 6: Statistics of Indigo

```
Start at: 2018-01-02 11:55:48
End at: 2018-01-02 11:56:18
Local clock offset: 1.284 ms
Remote clock offset: -14.447 ms

# Below is generated by plot.py at 2018-01-02 14:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 6.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 5.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 7.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 8.134 ms
Loss rate: 0.01%
```

Run 6: Report of Indigo — Data Link

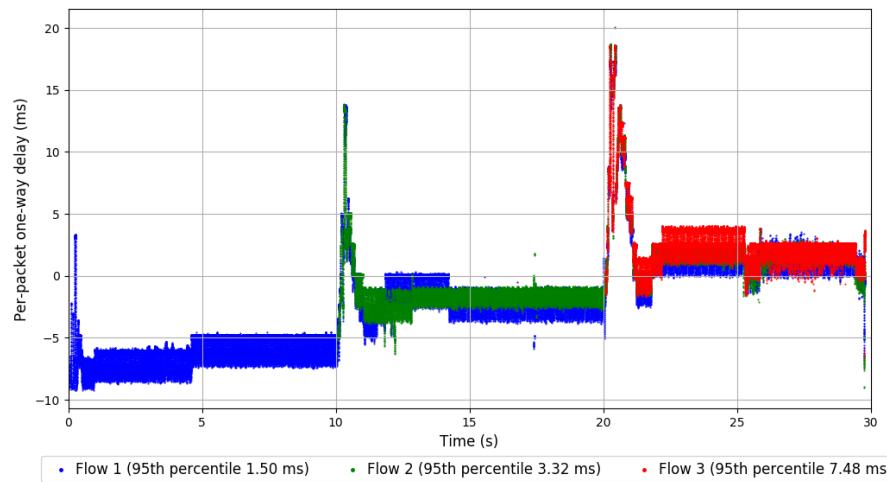
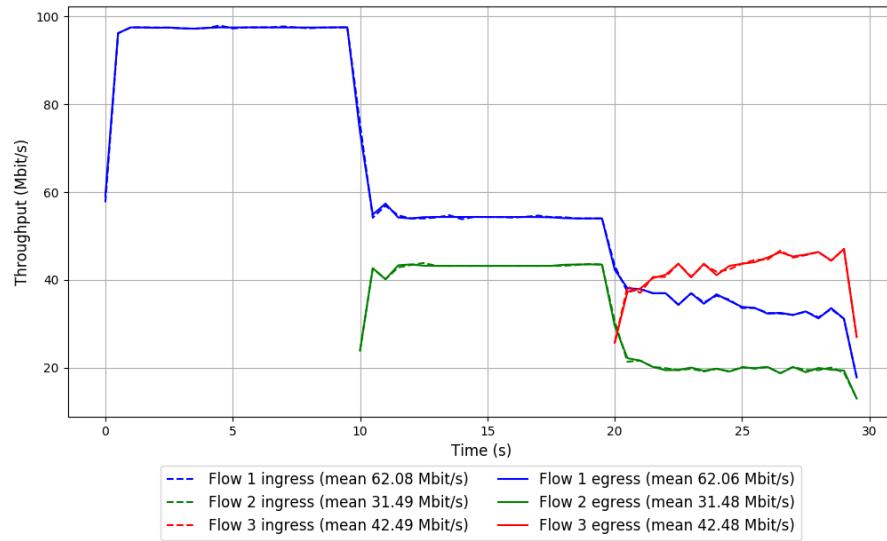


Run 7: Statistics of Indigo

```
Start at: 2018-01-02 12:13:31
End at: 2018-01-02 12:14:01
Local clock offset: 1.375 ms
Remote clock offset: -17.414 ms

# Below is generated by plot.py at 2018-01-02 14:01:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 3.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.06 Mbit/s
95th percentile per-packet one-way delay: 1.496 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 3.320 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.48 Mbit/s
95th percentile per-packet one-way delay: 7.480 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

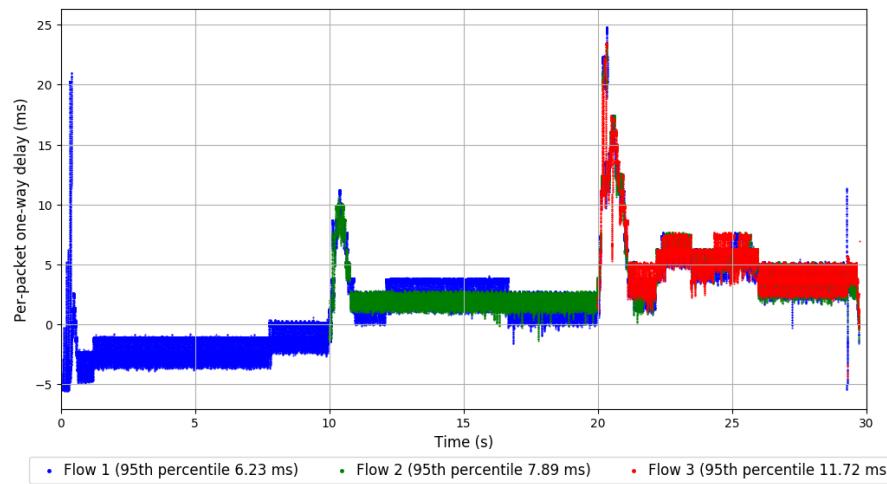
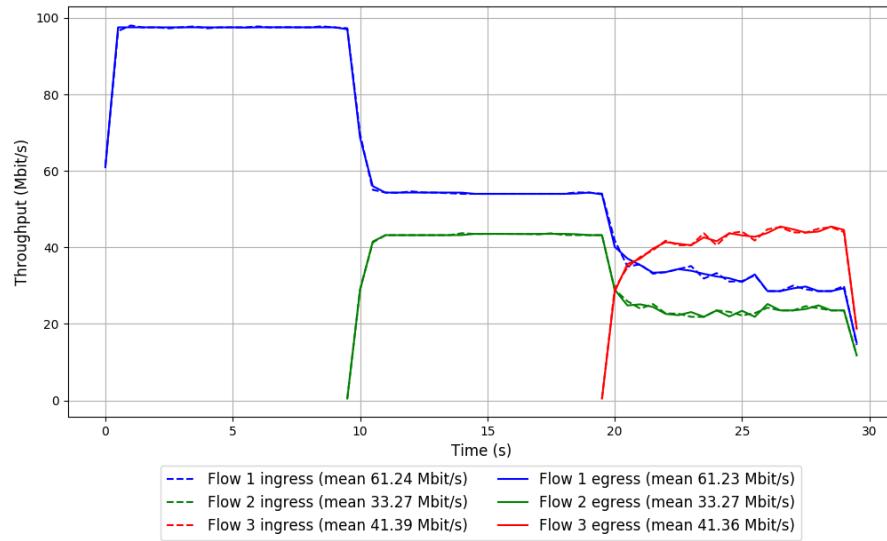


Run 8: Statistics of Indigo

```
Start at: 2018-01-02 12:31:10
End at: 2018-01-02 12:31:40
Local clock offset: -1.081 ms
Remote clock offset: -15.055 ms

# Below is generated by plot.py at 2018-01-02 14:01:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 7.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.23 Mbit/s
95th percentile per-packet one-way delay: 6.233 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.27 Mbit/s
95th percentile per-packet one-way delay: 7.892 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 11.719 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

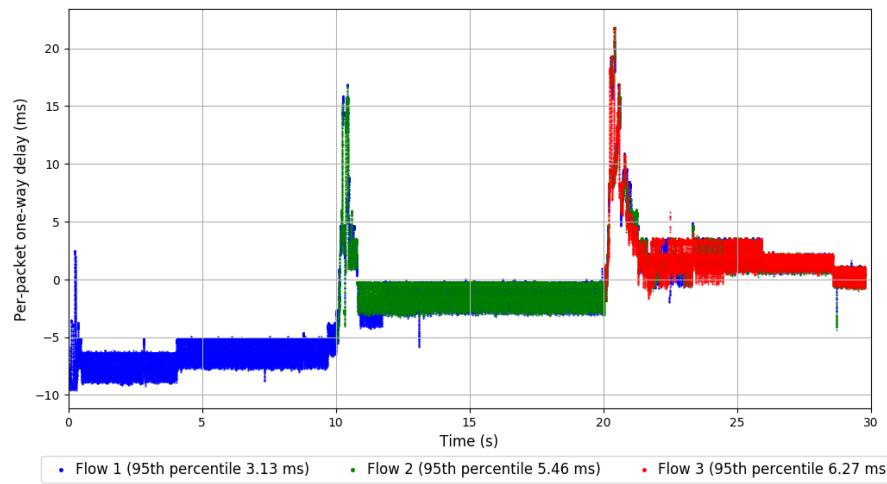
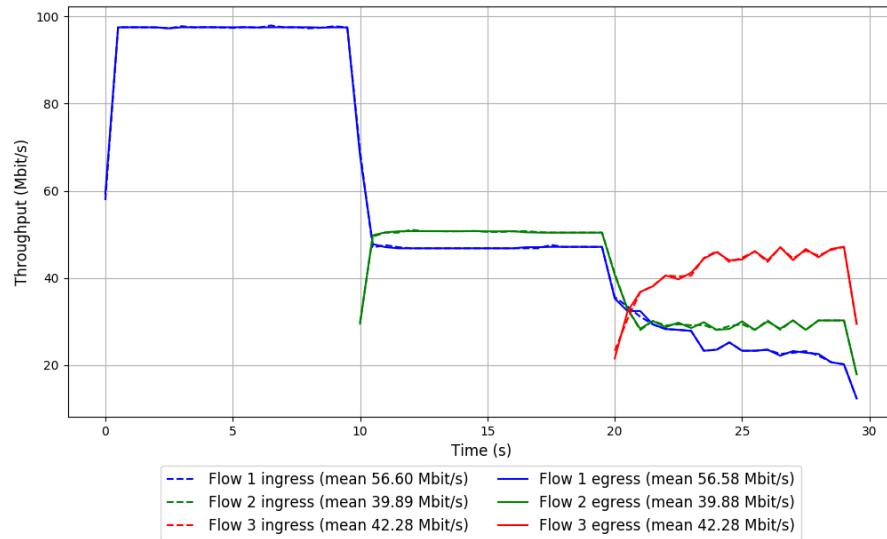


Run 9: Statistics of Indigo

```
Start at: 2018-01-02 12:48:48
End at: 2018-01-02 12:49:18
Local clock offset: -0.108 ms
Remote clock offset: -16.515 ms

# Below is generated by plot.py at 2018-01-02 14:01:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 3.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 3.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 5.465 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.28 Mbit/s
95th percentile per-packet one-way delay: 6.272 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

```
Start at: 2018-01-02 13:06:35
End at: 2018-01-02 13:07:05
Local clock offset: 0.473 ms
Remote clock offset: -15.131 ms

# Below is generated by plot.py at 2018-01-02 14:01:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: -0.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 7.194 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

