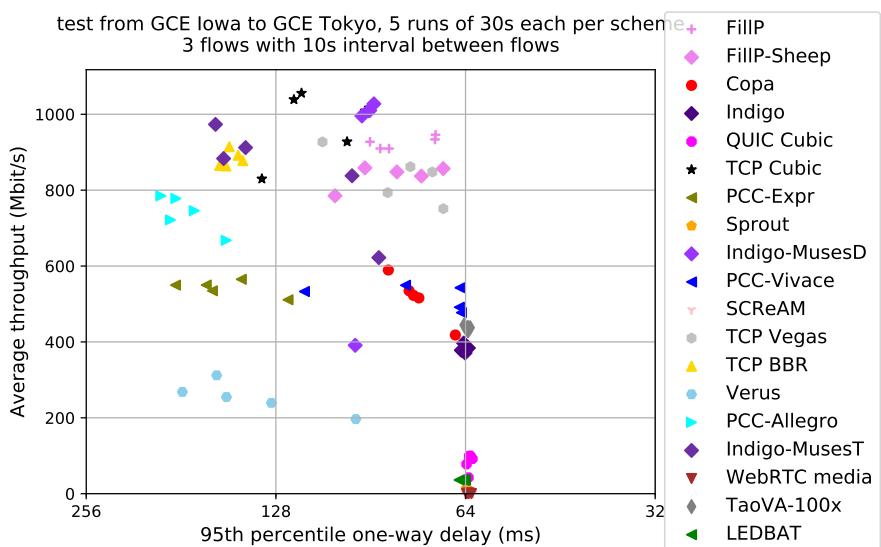
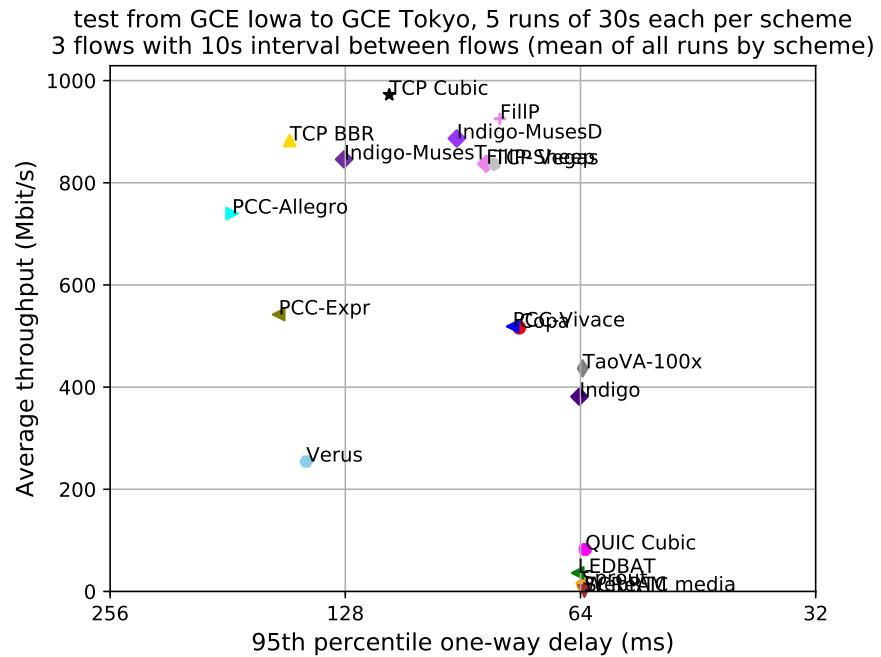


## Pantheon Report

Generated at 2019-01-03 15:37:32 (UTC).  
Data path: GCE Iowa on `ens4 (local)` → GCE Tokyo on `ens4 (remote)`.  
Repeated the test of 19 congestion control schemes 5 times.  
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.  
NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

```
System info:  
Linux 4.15.0-1025-gcp  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ c654af0b7d59d4ef4b914cfac404e1fc2e96dc68  
third_party/fillp @ d6da1459332fce6963885d7eba17e6a32d4519  
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/muses @ 65ac1b19bbefed0c6349ae986009b4fa8643c40a  
third_party/muses-refactored @ 31f8f0ba8ef8b1da76c2bc0cd0a7850c33ff64fb  
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd  
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2  
M src/ScreamClient  
M src/ScreamServer  
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp
```

```
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



4

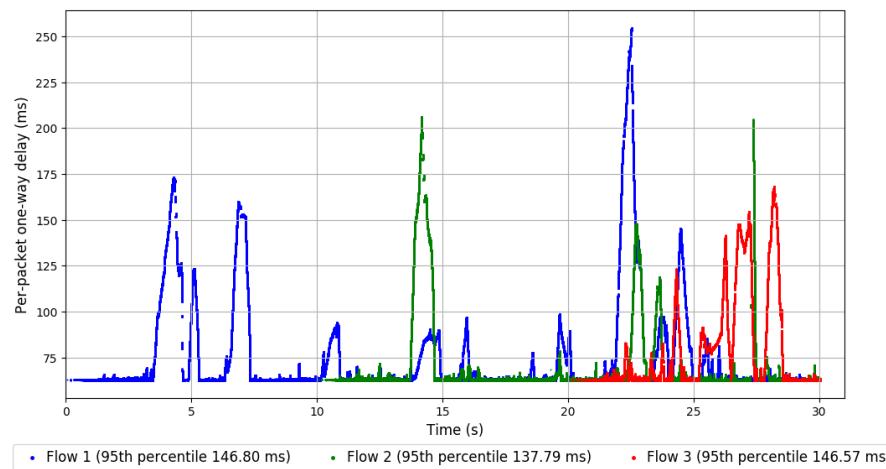
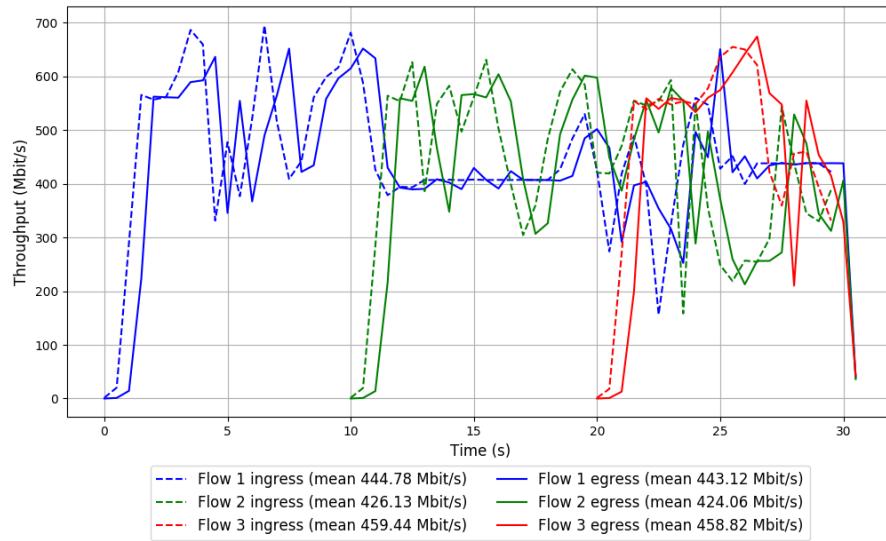
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	457.70	424.84	427.76	157.68	129.52	126.08	0.69	0.48	0.64
Copa	5	267.25	252.03	244.25	70.15	85.74	76.74	0.01	0.02	0.00
TCP Cubic	5	512.19	477.11	427.84	102.94	105.48	102.81	0.03	0.05	0.01
FillP	5	585.22	374.18	272.26	85.74	67.27	67.15	0.03	0.00	0.00
FillP-Sheep	5	541.22	322.40	245.17	91.13	66.66	66.16	0.29	0.00	0.00
Indigo	5	205.56	187.04	159.79	63.97	64.34	64.49	0.00	0.00	0.00
Indigo-MusesD	5	452.72	458.00	397.53	85.09	94.52	87.81	0.00	0.01	0.15
Indigo-MusesT	5	515.31	401.06	245.82	134.52	108.09	77.05	0.21	0.02	0.08
LEDBAT	5	23.31	15.63	7.71	64.67	64.21	64.07	0.00	0.00	0.00
PCC-Allegro	5	431.92	333.60	262.45	168.55	159.52	114.17	2.32	2.23	0.26
PCC-Expr	5	314.58	253.73	177.42	149.83	137.62	81.55	1.43	1.51	0.06
QUIC Cubic	5	39.54	46.77	36.02	62.99	63.04	62.97	0.00	0.00	0.00
SCReAM	5	0.22	0.22	0.22	63.33	63.12	63.10	0.00	0.00	0.00
Sprout	5	6.78	6.74	6.45	63.64	63.77	63.69	0.00	0.00	0.00
TaoVA-100x	5	223.01	216.18	208.88	63.46	63.59	64.10	0.02	0.00	0.00
TCP Vegas	5	436.71	414.82	370.50	72.27	83.94	84.23	0.00	0.00	0.00
Verus	5	142.37	120.87	96.90	129.95	126.74	135.16	0.29	0.32	1.15
PCC-Vivace	5	314.32	236.83	142.03	89.76	74.02	64.26	0.13	0.01	0.00
WebRTC media	5	0.03	0.74	0.30	63.20	63.25	63.16	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-01-03 09:42:10
End at: 2019-01-03 09:42:40
Local clock offset: -0.073 ms
Remote clock offset: -0.169 ms

# Below is generated by plot.py at 2019-01-03 12:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 878.04 Mbit/s
95th percentile per-packet one-way delay: 144.472 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 443.12 Mbit/s
95th percentile per-packet one-way delay: 146.799 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 424.06 Mbit/s
95th percentile per-packet one-way delay: 137.791 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 458.82 Mbit/s
95th percentile per-packet one-way delay: 146.566 ms
Loss rate: 0.14%
```

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

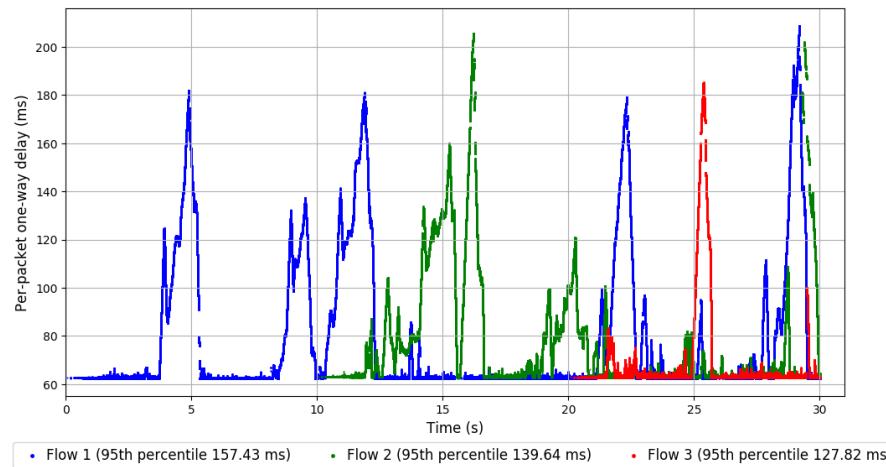
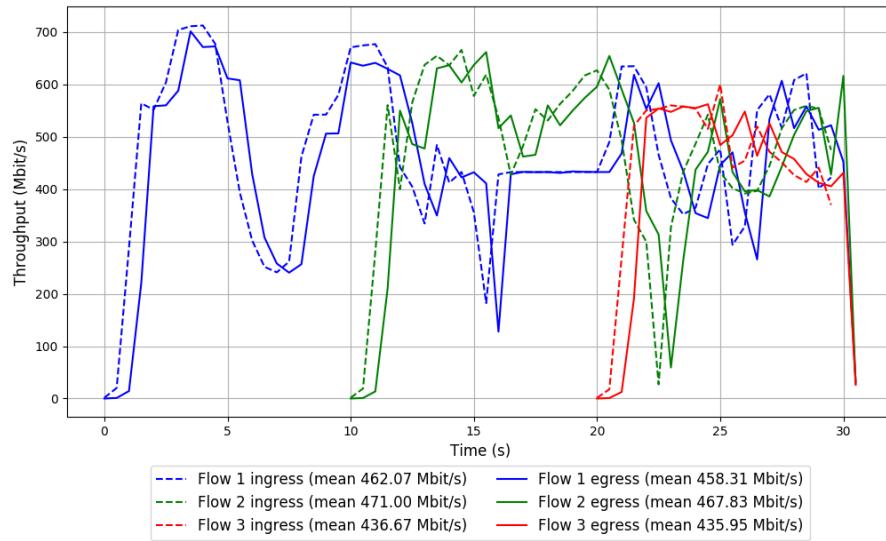


Run 2: Statistics of TCP BBR

```
Start at: 2019-01-03 10:15:53
End at: 2019-01-03 10:16:23
Local clock offset: -0.099 ms
Remote clock offset: -0.344 ms

# Below is generated by plot.py at 2019-01-03 12:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 914.60 Mbit/s
95th percentile per-packet one-way delay: 151.756 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 458.31 Mbit/s
95th percentile per-packet one-way delay: 157.428 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 467.83 Mbit/s
95th percentile per-packet one-way delay: 139.640 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 435.95 Mbit/s
95th percentile per-packet one-way delay: 127.823 ms
Loss rate: 0.17%
```

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

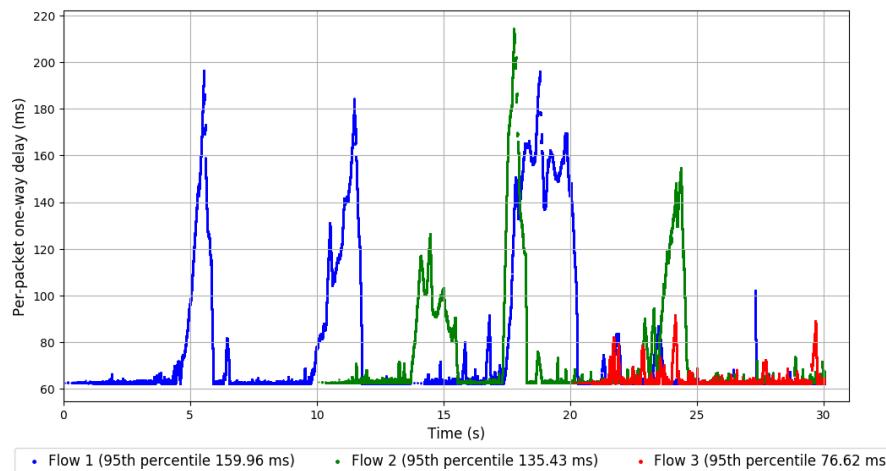
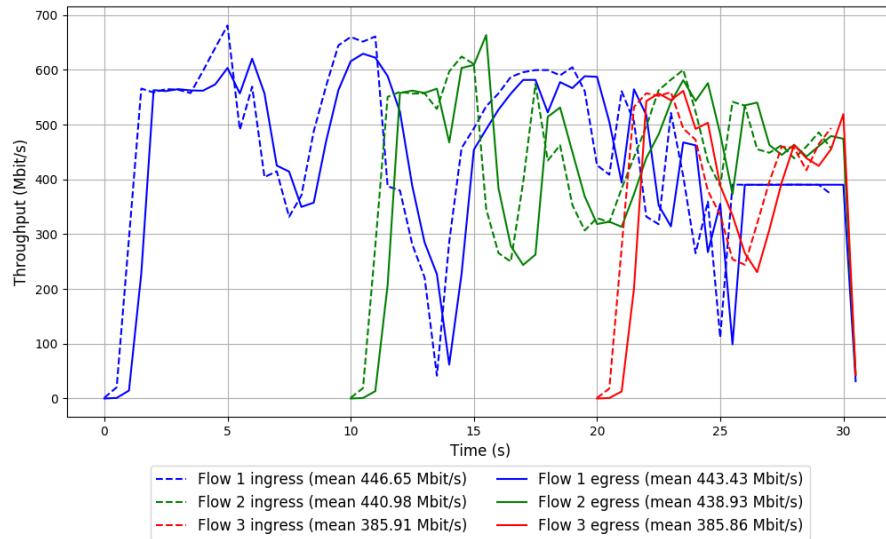


Run 3: Statistics of TCP BBR

```
Start at: 2019-01-03 10:49:19
End at: 2019-01-03 10:49:49
Local clock offset: -0.06 ms
Remote clock offset: -0.48 ms

# Below is generated by plot.py at 2019-01-03 12:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 863.84 Mbit/s
95th percentile per-packet one-way delay: 153.650 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 443.43 Mbit/s
95th percentile per-packet one-way delay: 159.964 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 438.93 Mbit/s
95th percentile per-packet one-way delay: 135.430 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 385.86 Mbit/s
95th percentile per-packet one-way delay: 76.622 ms
Loss rate: 0.01%
```

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

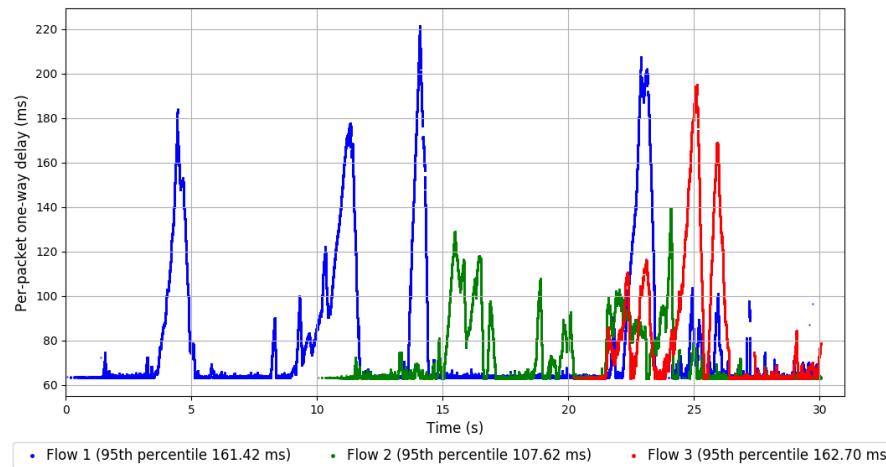
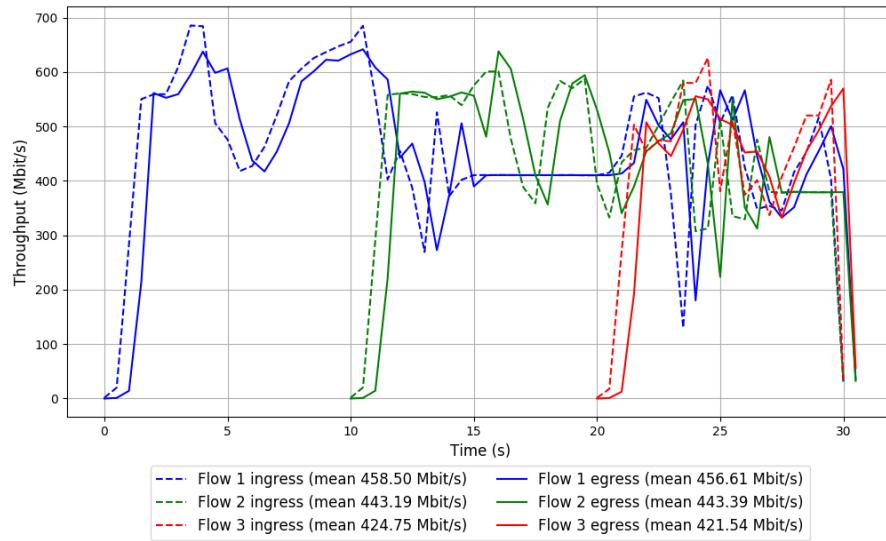


Run 4: Statistics of TCP BBR

```
Start at: 2019-01-03 11:22:36
End at: 2019-01-03 11:23:06
Local clock offset: 0.03 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2019-01-03 12:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 892.08 Mbit/s
95th percentile per-packet one-way delay: 146.908 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 456.61 Mbit/s
95th percentile per-packet one-way delay: 161.417 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 443.39 Mbit/s
95th percentile per-packet one-way delay: 107.625 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 421.54 Mbit/s
95th percentile per-packet one-way delay: 162.697 ms
Loss rate: 1.39%
```

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

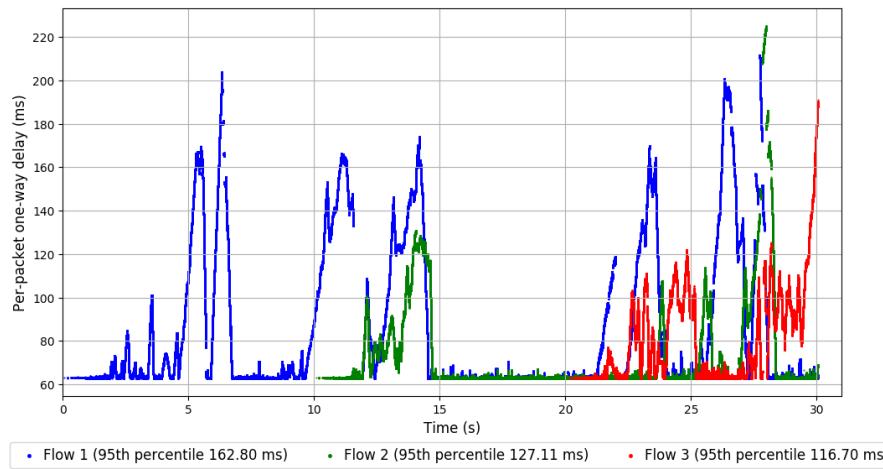
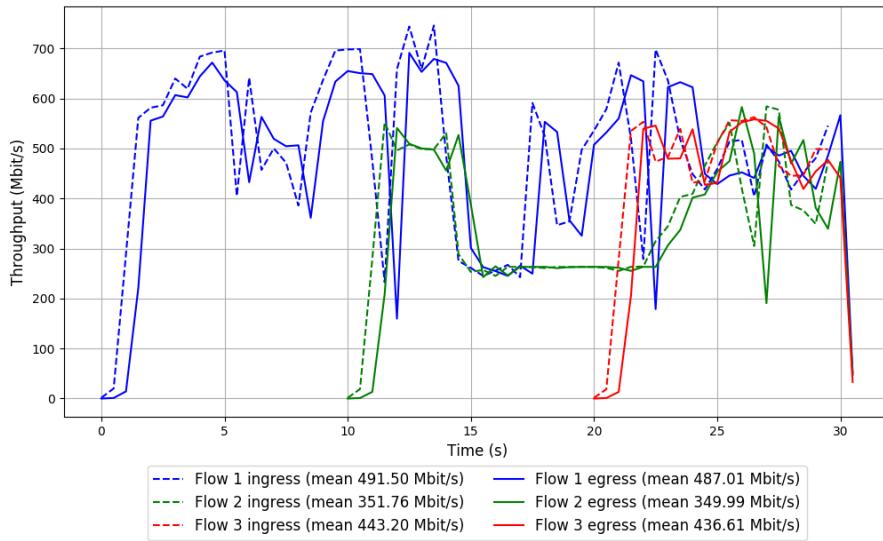


Run 5: Statistics of TCP BBR

```
Start at: 2019-01-03 11:55:59
End at: 2019-01-03 11:56:29
Local clock offset: 0.027 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2019-01-03 12:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 865.24 Mbit/s
95th percentile per-packet one-way delay: 157.198 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 487.01 Mbit/s
95th percentile per-packet one-way delay: 162.797 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 349.99 Mbit/s
95th percentile per-packet one-way delay: 127.114 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 436.61 Mbit/s
95th percentile per-packet one-way delay: 116.700 ms
Loss rate: 1.48%
```

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

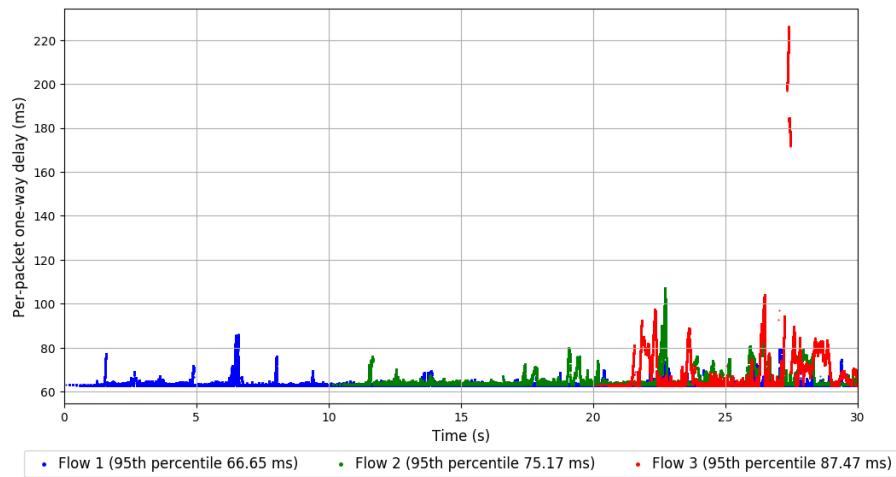
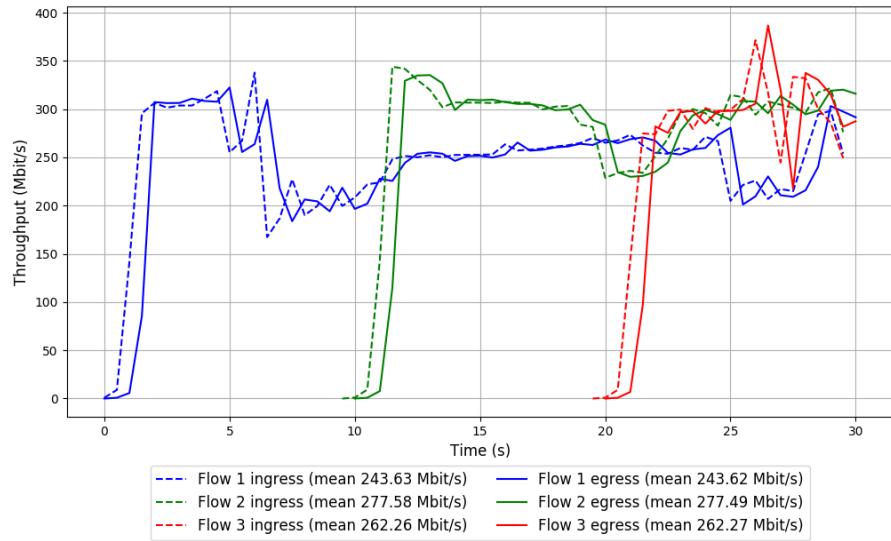


Run 1: Statistics of Copa

```
Start at: 2019-01-03 09:34:41
End at: 2019-01-03 09:35:11
Local clock offset: -0.042 ms
Remote clock offset: -0.083 ms

# Below is generated by plot.py at 2019-01-03 12:51:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 515.94 Mbit/s
95th percentile per-packet one-way delay: 75.895 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 243.62 Mbit/s
95th percentile per-packet one-way delay: 66.646 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 277.49 Mbit/s
95th percentile per-packet one-way delay: 75.171 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 262.27 Mbit/s
95th percentile per-packet one-way delay: 87.472 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

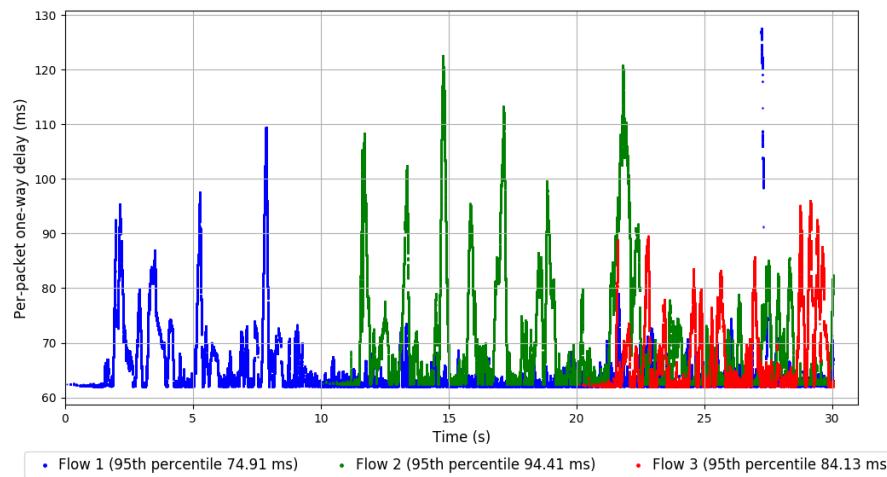
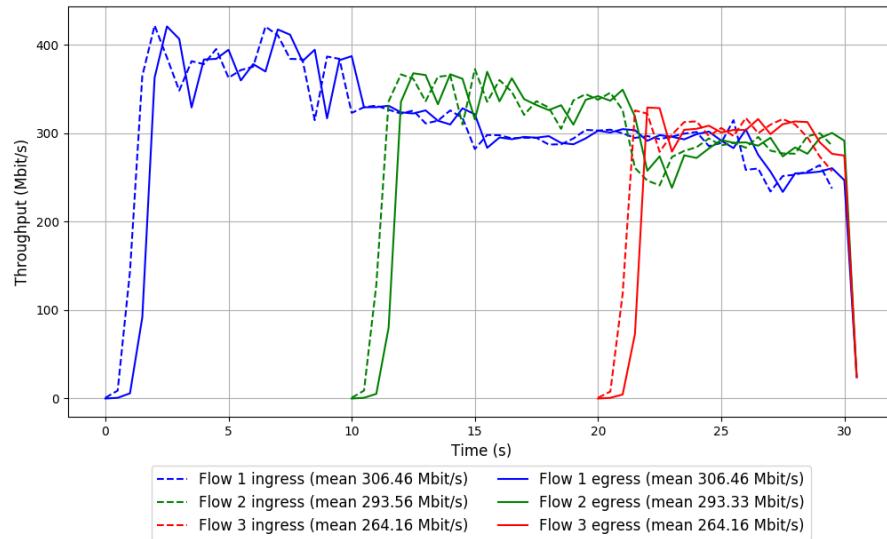


Run 2: Statistics of Copa

```
Start at: 2019-01-03 10:07:36
End at: 2019-01-03 10:08:06
Local clock offset: -0.112 ms
Remote clock offset: -0.835 ms

# Below is generated by plot.py at 2019-01-03 12:53:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 589.51 Mbit/s
95th percentile per-packet one-way delay: 84.866 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 306.46 Mbit/s
95th percentile per-packet one-way delay: 74.911 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 293.33 Mbit/s
95th percentile per-packet one-way delay: 94.409 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 264.16 Mbit/s
95th percentile per-packet one-way delay: 84.128 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

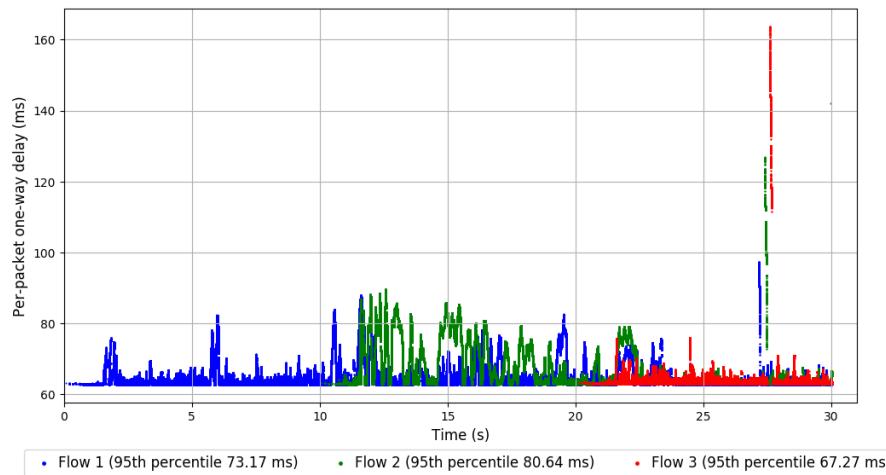
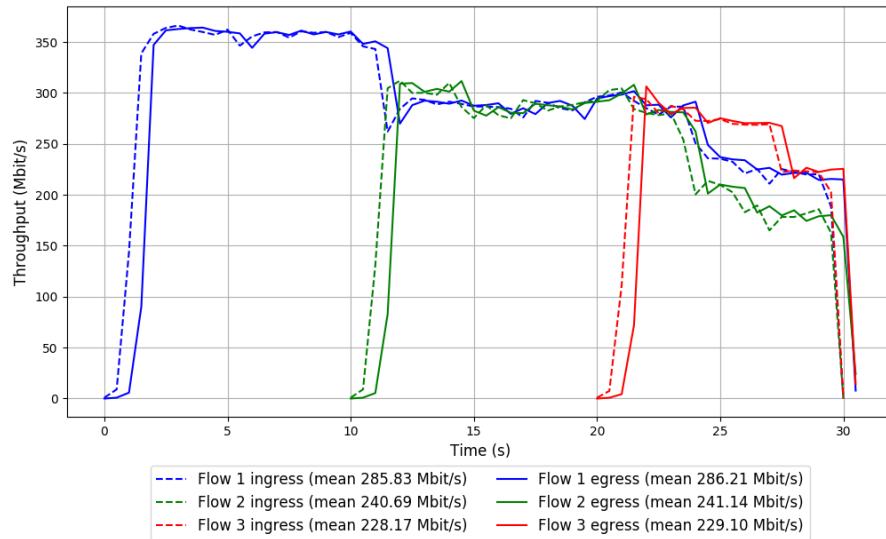


Run 3: Statistics of Copa

```
Start at: 2019-01-03 10:41:19
End at: 2019-01-03 10:41:49
Local clock offset: -0.052 ms
Remote clock offset: -0.183 ms

# Below is generated by plot.py at 2019-01-03 12:53:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.72 Mbit/s
95th percentile per-packet one-way delay: 77.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 286.21 Mbit/s
95th percentile per-packet one-way delay: 73.167 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 241.14 Mbit/s
95th percentile per-packet one-way delay: 80.645 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 229.10 Mbit/s
95th percentile per-packet one-way delay: 67.267 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

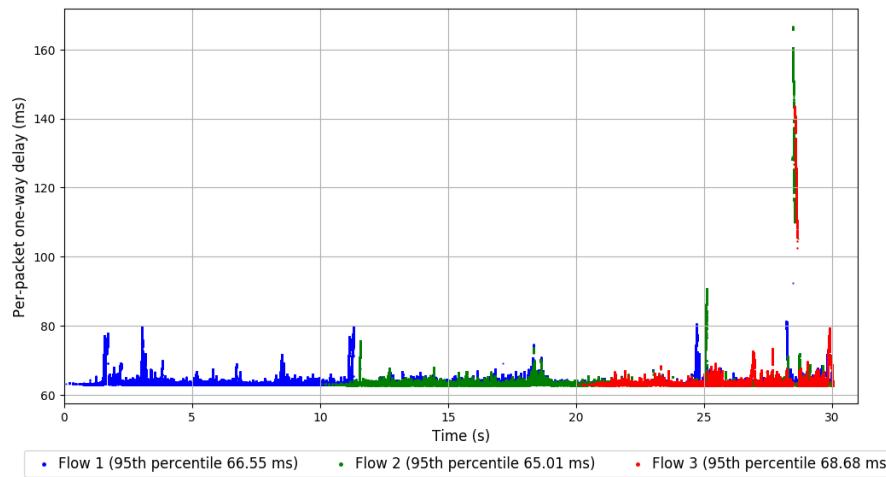
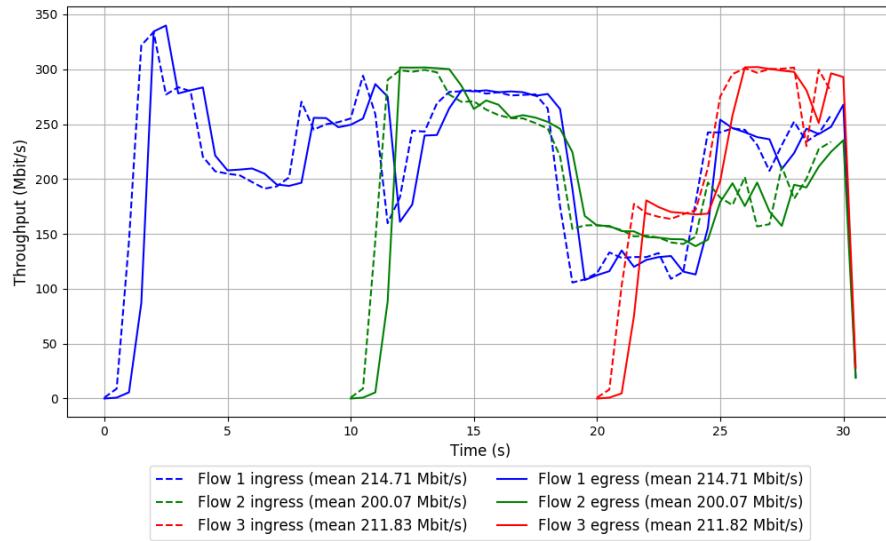


Run 4: Statistics of Copa

```
Start at: 2019-01-03 11:14:43
End at: 2019-01-03 11:15:13
Local clock offset: 0.014 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2019-01-03 13:05:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 418.24 Mbit/s
95th percentile per-packet one-way delay: 66.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.71 Mbit/s
95th percentile per-packet one-way delay: 66.553 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 200.07 Mbit/s
95th percentile per-packet one-way delay: 65.013 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 211.82 Mbit/s
95th percentile per-packet one-way delay: 68.681 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

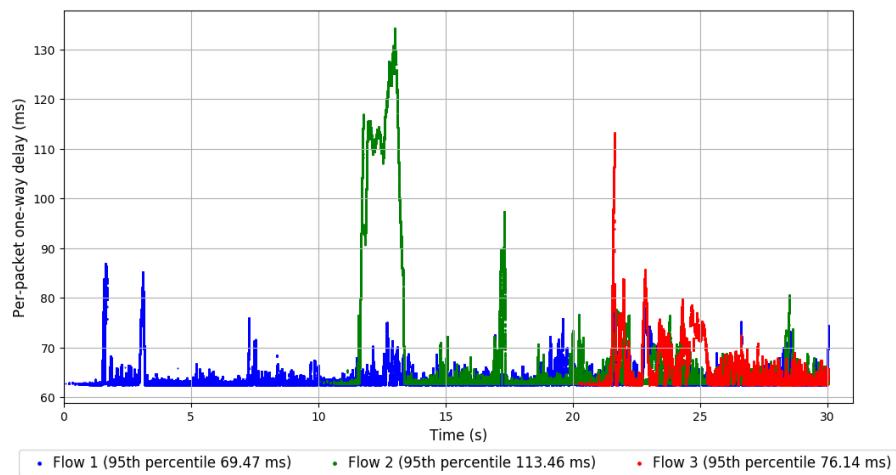
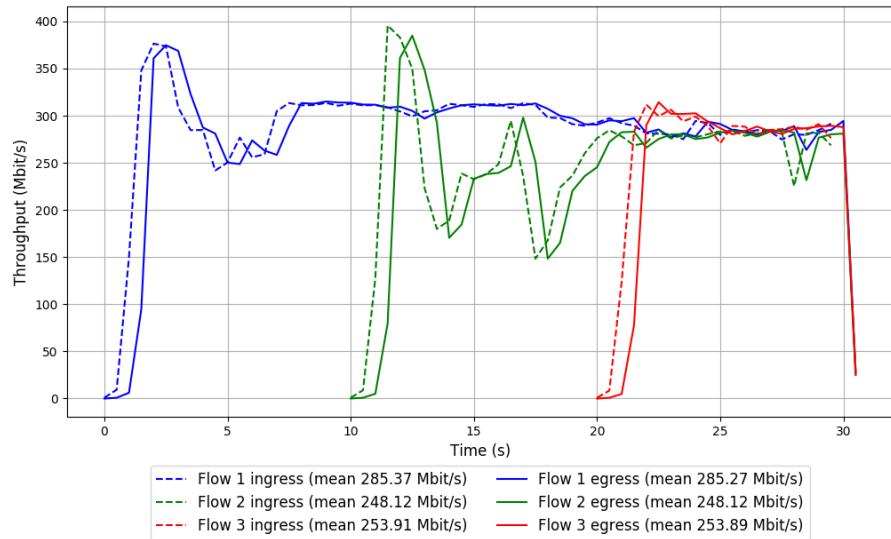


Run 5: Statistics of Copa

```
Start at: 2019-01-03 11:48:07
End at: 2019-01-03 11:48:37
Local clock offset: -0.004 ms
Remote clock offset: -0.143 ms

# Below is generated by plot.py at 2019-01-03 13:11:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 534.83 Mbit/s
95th percentile per-packet one-way delay: 78.659 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 285.27 Mbit/s
95th percentile per-packet one-way delay: 69.465 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 248.12 Mbit/s
95th percentile per-packet one-way delay: 113.463 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 253.89 Mbit/s
95th percentile per-packet one-way delay: 76.135 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

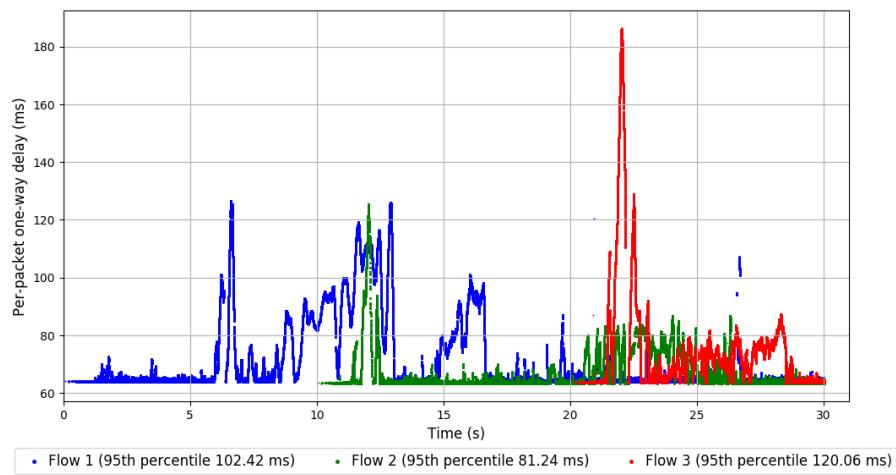
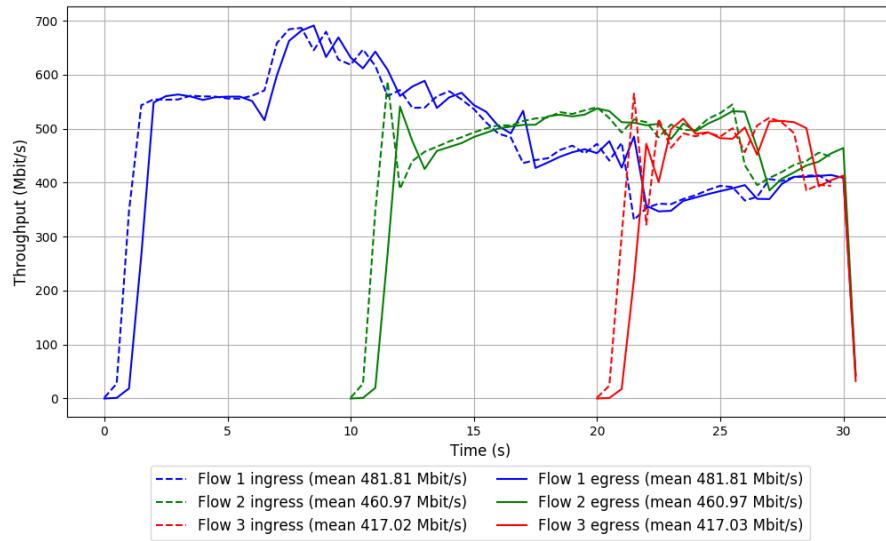


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-01-03 09:45:28
End at: 2019-01-03 09:45:58
Local clock offset: -0.033 ms
Remote clock offset: 0.59 ms

# Below is generated by plot.py at 2019-01-03 13:11:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.72 Mbit/s
95th percentile per-packet one-way delay: 98.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 481.81 Mbit/s
95th percentile per-packet one-way delay: 102.419 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 460.97 Mbit/s
95th percentile per-packet one-way delay: 81.238 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 417.03 Mbit/s
95th percentile per-packet one-way delay: 120.062 ms
Loss rate: 0.00%
```

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

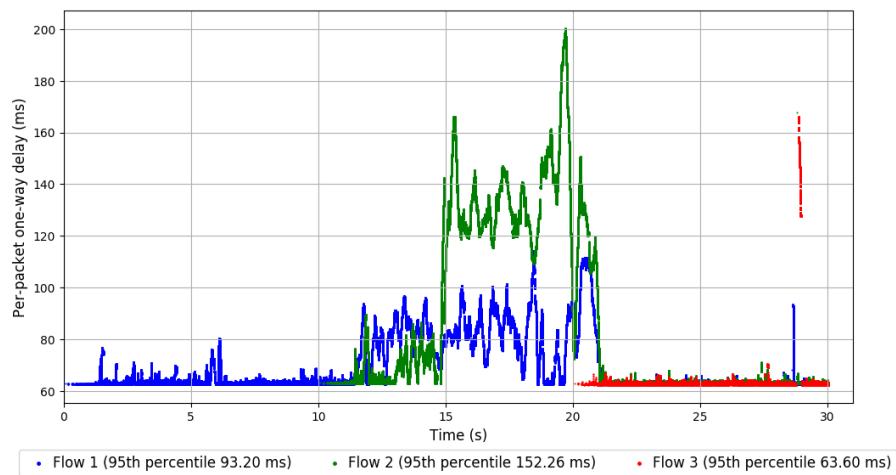
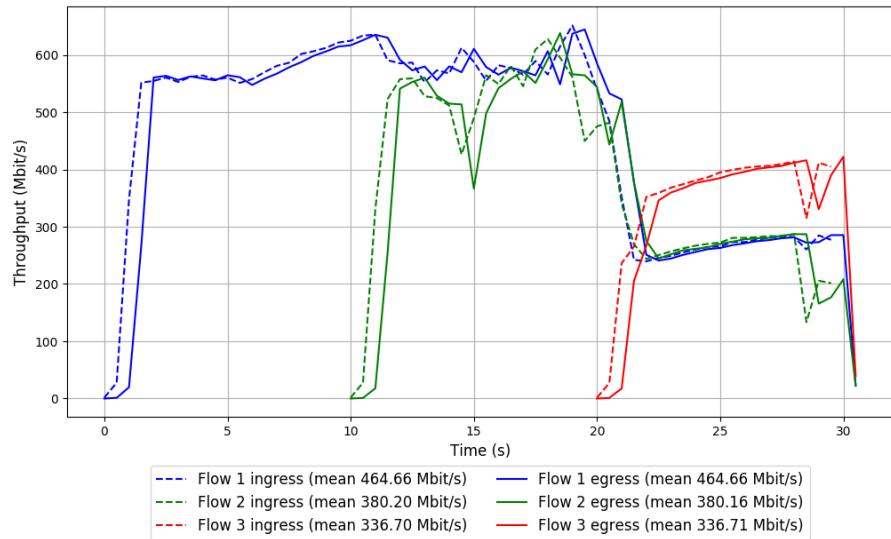


Run 2: Statistics of TCP Cubic

```
Start at: 2019-01-03 10:19:12
End at: 2019-01-03 10:19:42
Local clock offset: -0.101 ms
Remote clock offset: -0.23 ms

# Below is generated by plot.py at 2019-01-03 13:11:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 829.87 Mbit/s
95th percentile per-packet one-way delay: 134.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 464.66 Mbit/s
95th percentile per-packet one-way delay: 93.204 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 380.16 Mbit/s
95th percentile per-packet one-way delay: 152.257 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 336.71 Mbit/s
95th percentile per-packet one-way delay: 63.600 ms
Loss rate: 0.00%
```

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

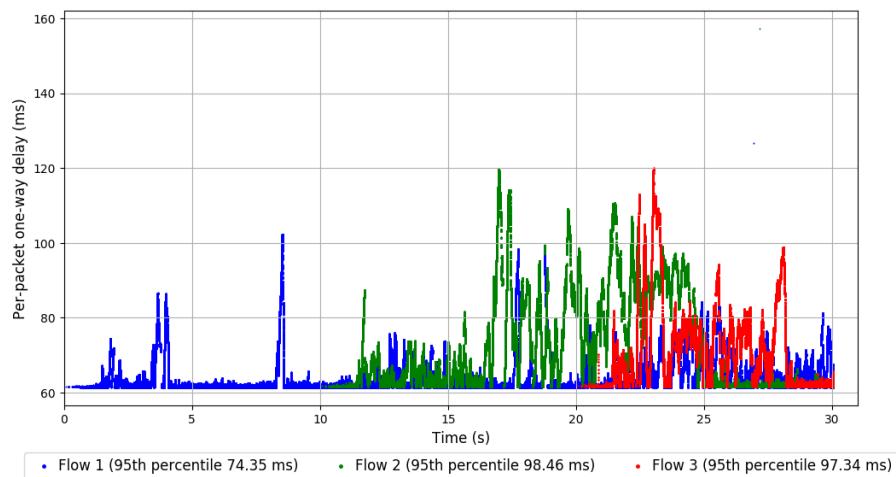
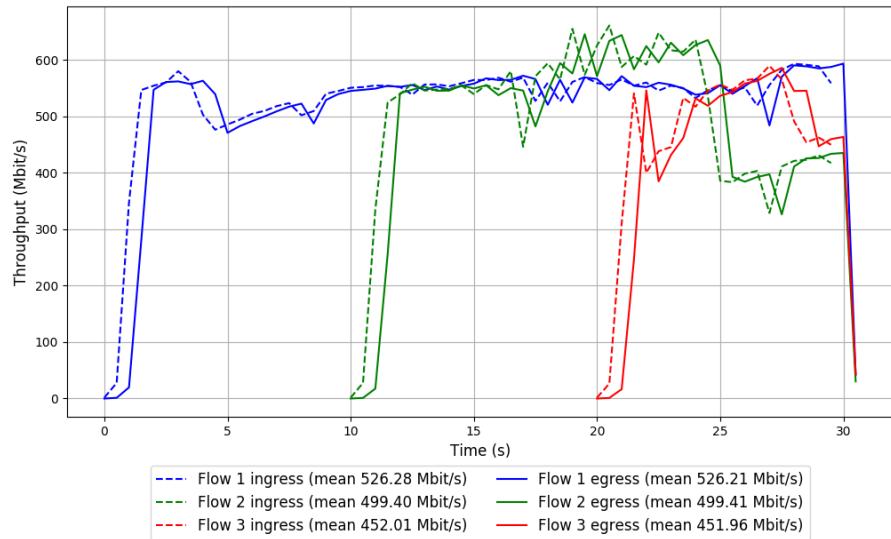


Run 3: Statistics of TCP Cubic

```
Start at: 2019-01-03 10:52:35
End at: 2019-01-03 10:53:05
Local clock offset: -0.05 ms
Remote clock offset: -1.462 ms

# Below is generated by plot.py at 2019-01-03 13:14:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1008.95 Mbit/s
95th percentile per-packet one-way delay: 92.383 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 526.21 Mbit/s
95th percentile per-packet one-way delay: 74.347 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 499.41 Mbit/s
95th percentile per-packet one-way delay: 98.459 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 451.96 Mbit/s
95th percentile per-packet one-way delay: 97.340 ms
Loss rate: 0.01%
```

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

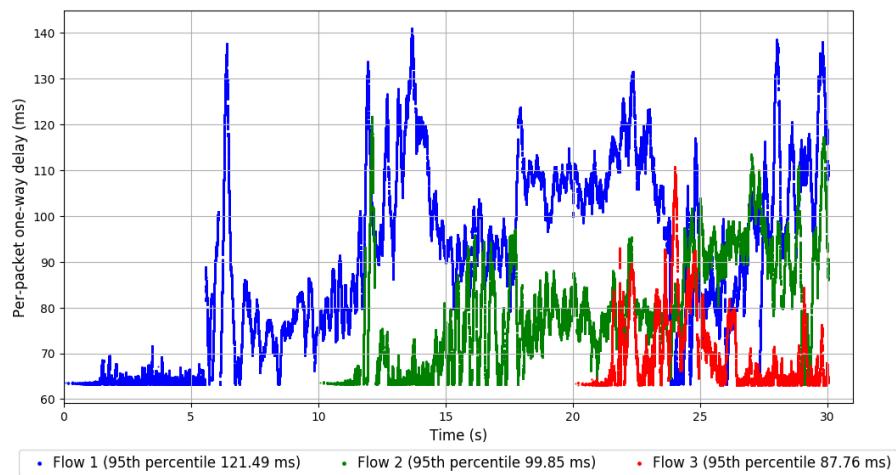
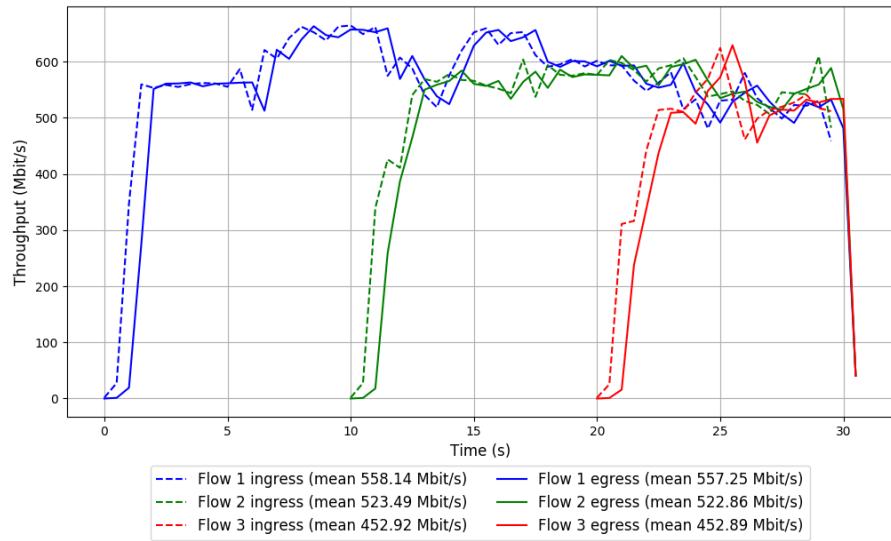


Run 4: Statistics of TCP Cubic

```
Start at: 2019-01-03 11:25:55
End at: 2019-01-03 11:26:25
Local clock offset: -0.016 ms
Remote clock offset: 0.261 ms

# Below is generated by plot.py at 2019-01-03 13:16:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1055.72 Mbit/s
95th percentile per-packet one-way delay: 116.563 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 557.25 Mbit/s
95th percentile per-packet one-way delay: 121.491 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 522.86 Mbit/s
95th percentile per-packet one-way delay: 99.847 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 452.89 Mbit/s
95th percentile per-packet one-way delay: 87.760 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Cubic — Data Link

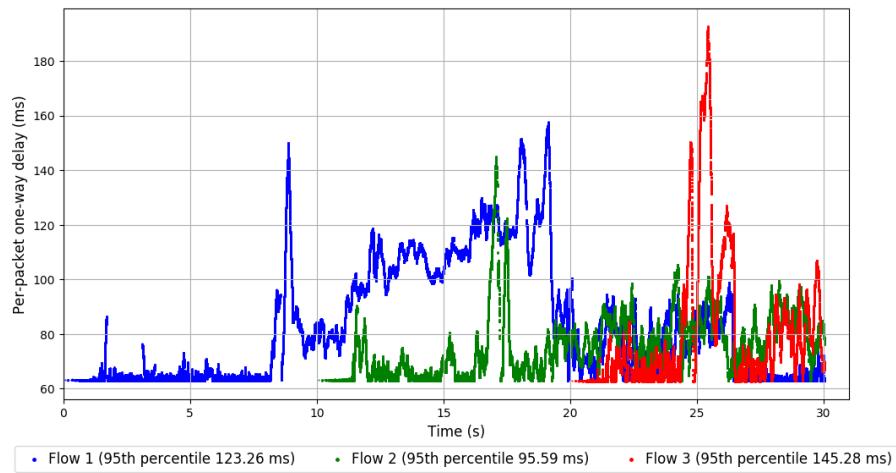
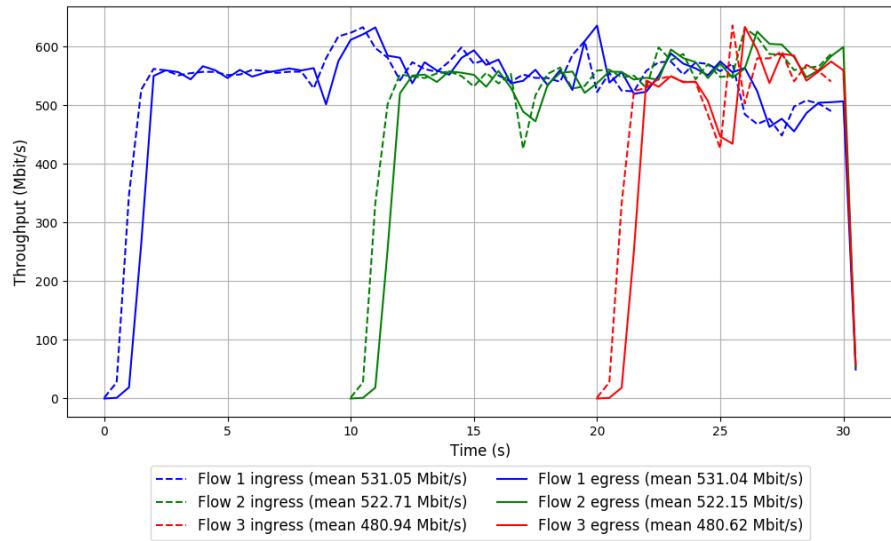


Run 5: Statistics of TCP Cubic

```
Start at: 2019-01-03 11:59:13
End at: 2019-01-03 11:59:43
Local clock offset: -0.004 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2019-01-03 13:16:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1038.87 Mbit/s
95th percentile per-packet one-way delay: 119.843 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 531.04 Mbit/s
95th percentile per-packet one-way delay: 123.261 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 522.15 Mbit/s
95th percentile per-packet one-way delay: 95.595 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 480.62 Mbit/s
95th percentile per-packet one-way delay: 145.279 ms
Loss rate: 0.06%
```

Run 5: Report of TCP Cubic — Data Link

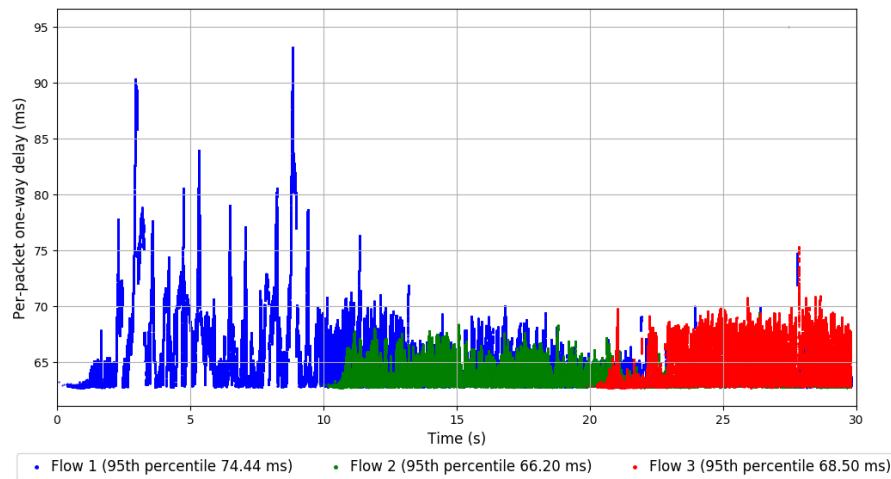
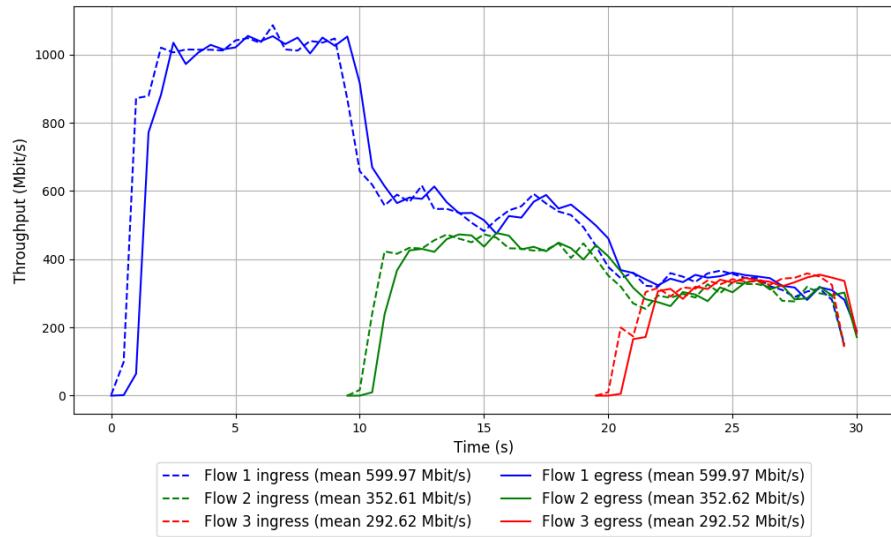


```
Run 1: Statistics of FillP

Start at: 2019-01-03 09:29:17
End at: 2019-01-03 09:29:47
Local clock offset: -0.057 ms
Remote clock offset: -0.203 ms

# Below is generated by plot.py at 2019-01-03 13:20:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 933.72 Mbit/s
95th percentile per-packet one-way delay: 71.563 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 599.97 Mbit/s
95th percentile per-packet one-way delay: 74.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 352.62 Mbit/s
95th percentile per-packet one-way delay: 66.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 292.52 Mbit/s
95th percentile per-packet one-way delay: 68.499 ms
Loss rate: 0.00%
```

Run 1: Report of FillP — Data Link

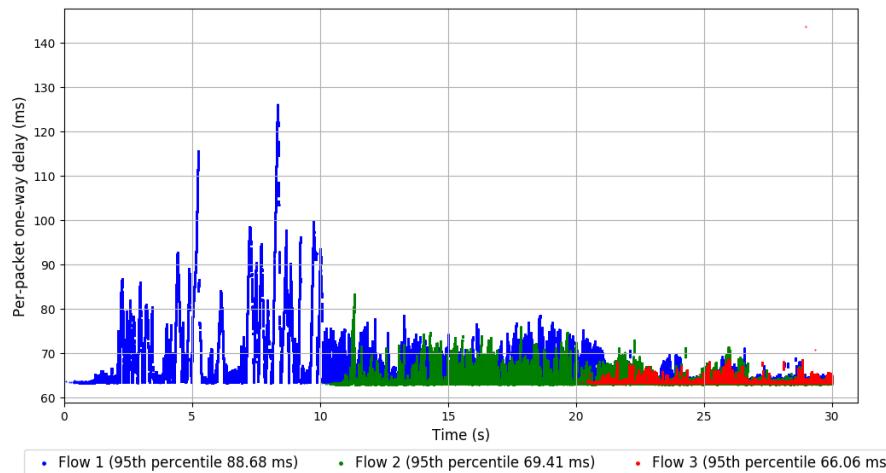
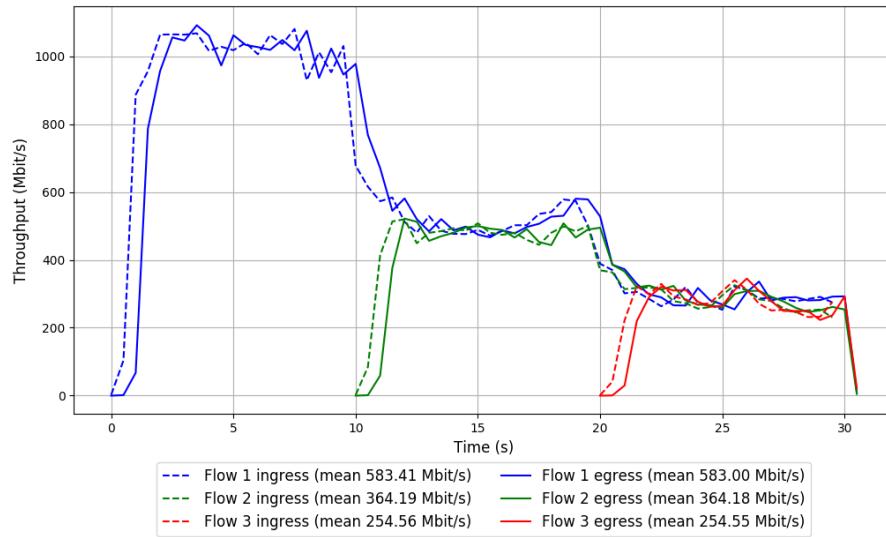


Run 2: Statistics of FillP

```
Start at: 2019-01-03 10:02:11
End at: 2019-01-03 10:02:41
Local clock offset: -0.077 ms
Remote clock offset: 0.11 ms

# Below is generated by plot.py at 2019-01-03 13:31:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 909.60 Mbit/s
95th percentile per-packet one-way delay: 84.653 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 583.00 Mbit/s
95th percentile per-packet one-way delay: 88.678 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 364.18 Mbit/s
95th percentile per-packet one-way delay: 69.407 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 254.55 Mbit/s
95th percentile per-packet one-way delay: 66.058 ms
Loss rate: 0.00%
```

## Run 2: Report of FillP — Data Link

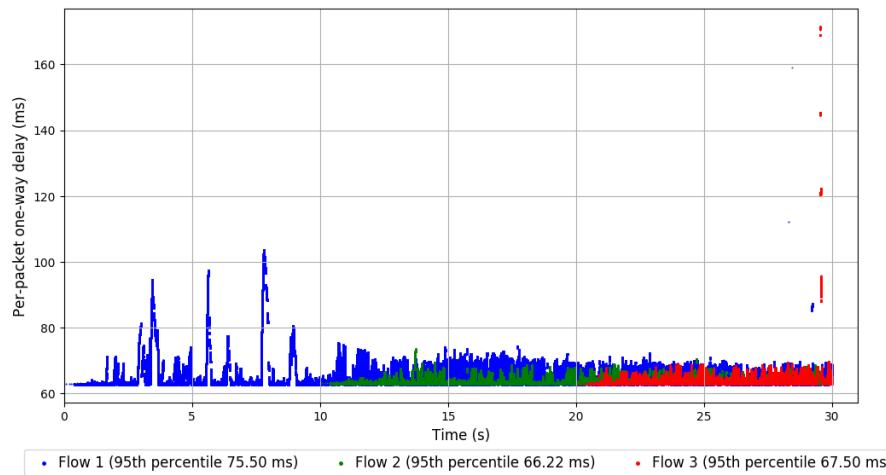
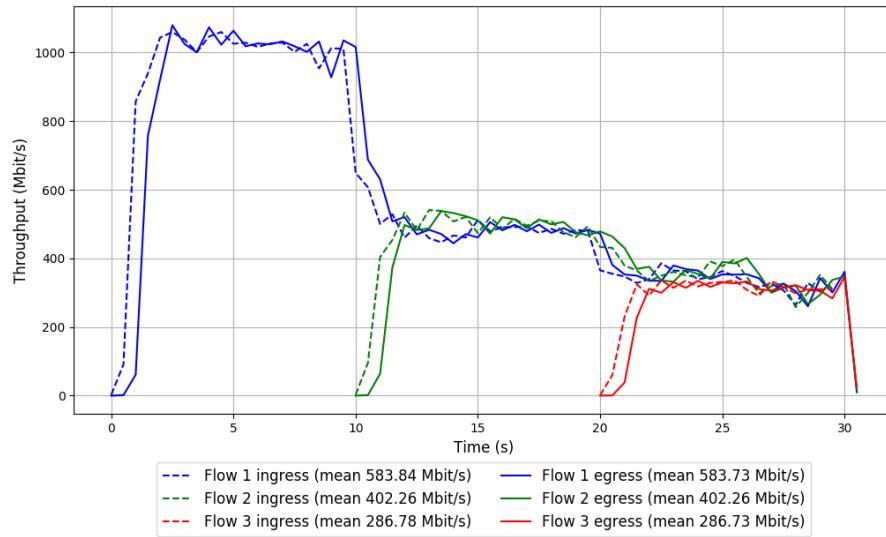


```
Run 3: Statistics of FillP
```

```
Start at: 2019-01-03 10:35:54
End at: 2019-01-03 10:36:24
Local clock offset: -0.064 ms
Remote clock offset: -0.203 ms

# Below is generated by plot.py at 2019-01-03 13:36:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 946.11 Mbit/s
95th percentile per-packet one-way delay: 71.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 583.73 Mbit/s
95th percentile per-packet one-way delay: 75.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 402.26 Mbit/s
95th percentile per-packet one-way delay: 66.222 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 286.73 Mbit/s
95th percentile per-packet one-way delay: 67.505 ms
Loss rate: 0.00%
```

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

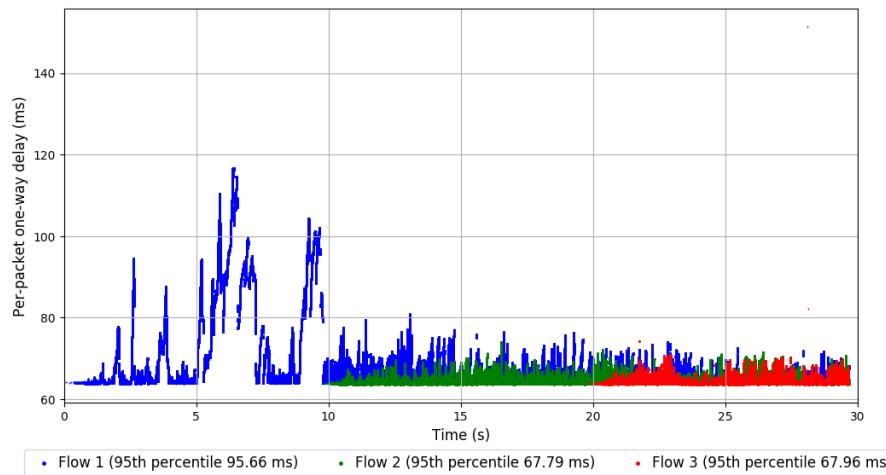
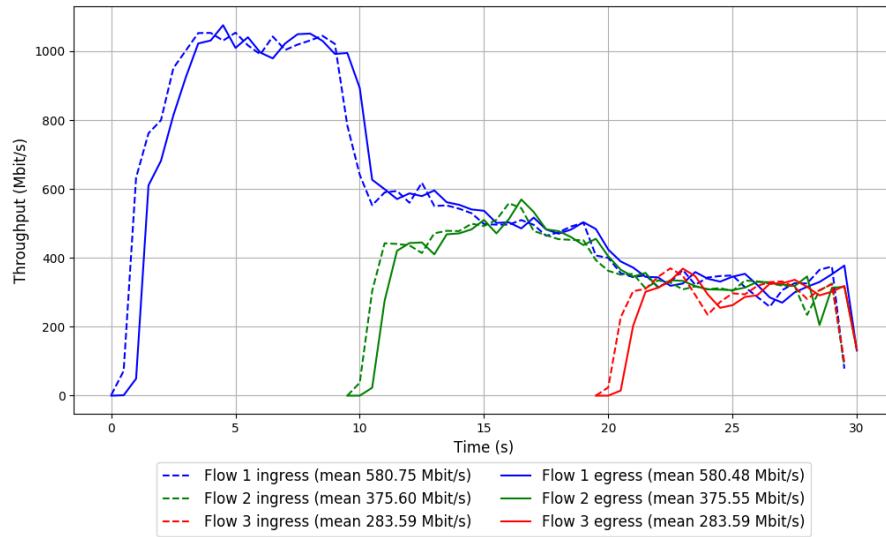


Run 4: Statistics of FillP

```
Start at: 2019-01-03 11:09:21
End at: 2019-01-03 11:09:51
Local clock offset: 0.019 ms
Remote clock offset: 0.668 ms

# Below is generated by plot.py at 2019-01-03 13:37:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.62 Mbit/s
95th percentile per-packet one-way delay: 90.753 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 580.48 Mbit/s
95th percentile per-packet one-way delay: 95.658 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 375.55 Mbit/s
95th percentile per-packet one-way delay: 67.794 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 283.59 Mbit/s
95th percentile per-packet one-way delay: 67.962 ms
Loss rate: 0.00%
```

## Run 4: Report of FillP — Data Link

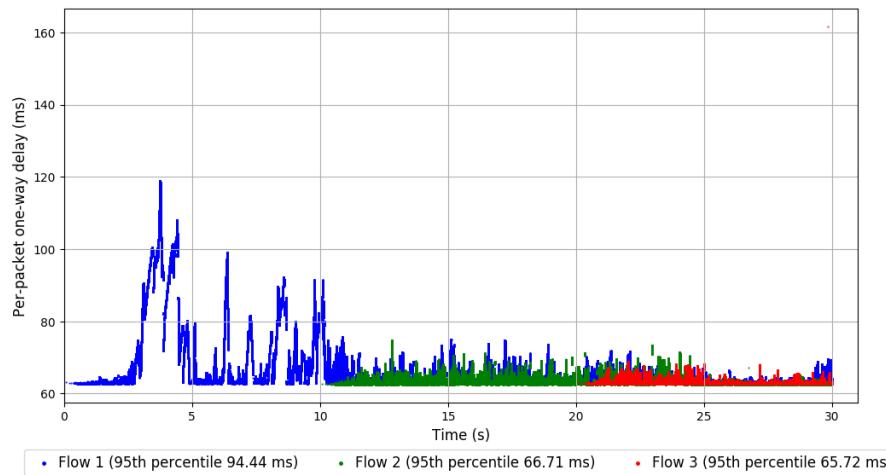
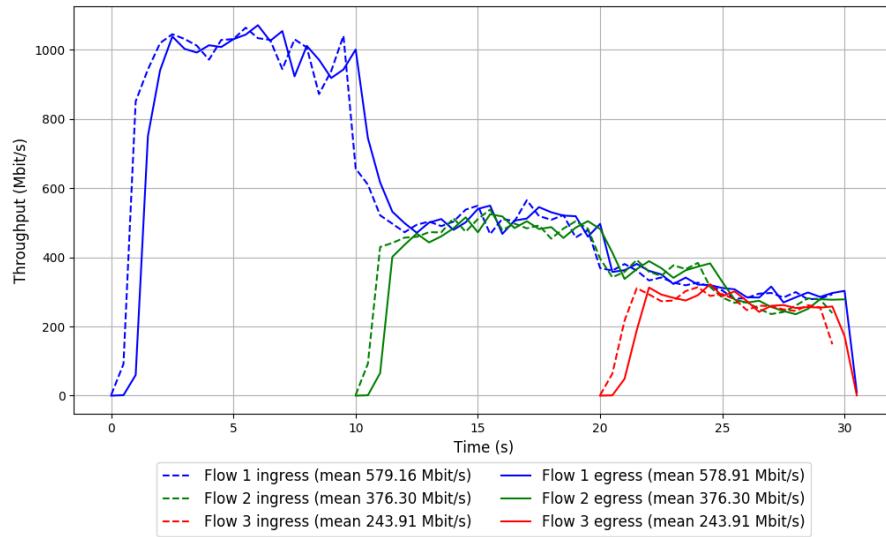


Run 5: Statistics of FillP

```
Start at: 2019-01-03 11:42:44
End at: 2019-01-03 11:43:14
Local clock offset: 0.023 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2019-01-03 13:38:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 909.86 Mbit/s
95th percentile per-packet one-way delay: 87.402 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 578.91 Mbit/s
95th percentile per-packet one-way delay: 94.444 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 376.30 Mbit/s
95th percentile per-packet one-way delay: 66.708 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 243.91 Mbit/s
95th percentile per-packet one-way delay: 65.723 ms
Loss rate: 0.00%
```

## Run 5: Report of FillP — Data Link

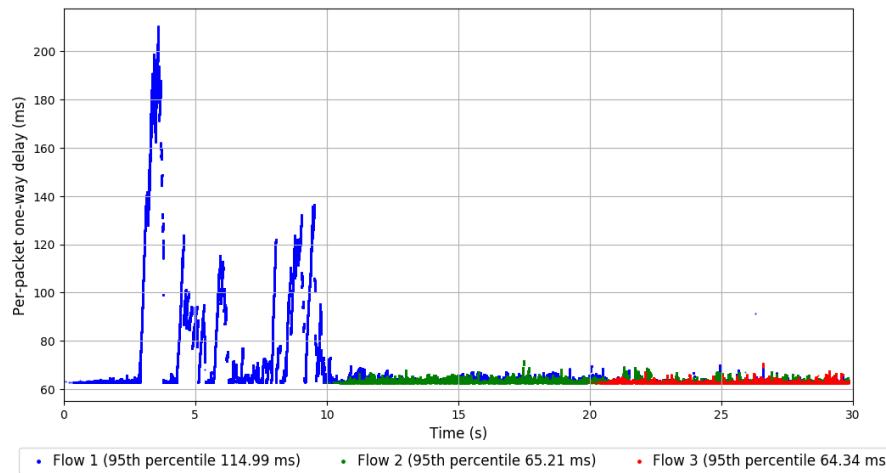
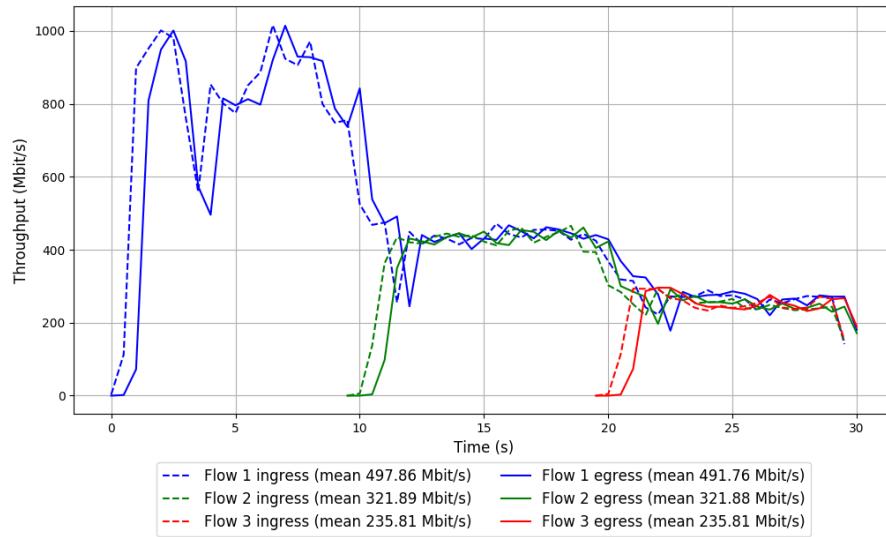


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-01-03 09:52:38
End at: 2019-01-03 09:53:08
Local clock offset: -0.026 ms
Remote clock offset: -0.251 ms

# Below is generated by plot.py at 2019-01-03 13:38:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 785.21 Mbit/s
95th percentile per-packet one-way delay: 103.125 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 491.76 Mbit/s
95th percentile per-packet one-way delay: 114.990 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 321.88 Mbit/s
95th percentile per-packet one-way delay: 65.210 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 235.81 Mbit/s
95th percentile per-packet one-way delay: 64.340 ms
Loss rate: 0.00%
```

## Run 1: Report of FillP-Sheep — Data Link

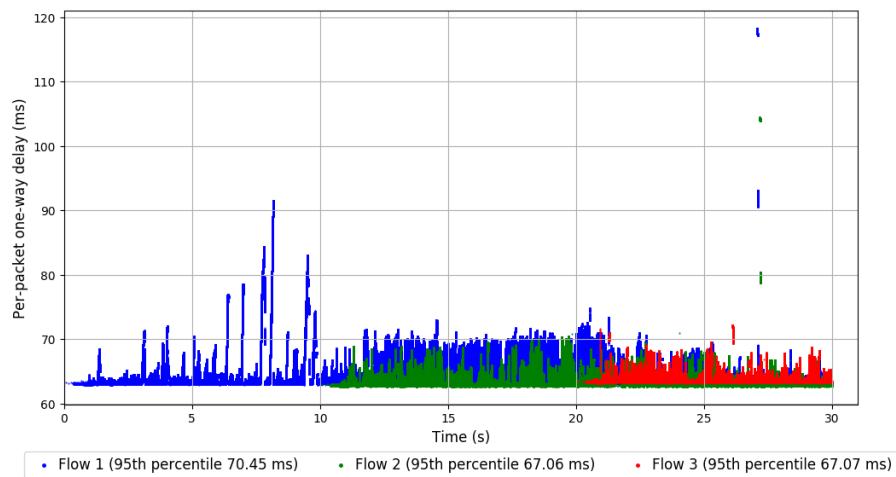
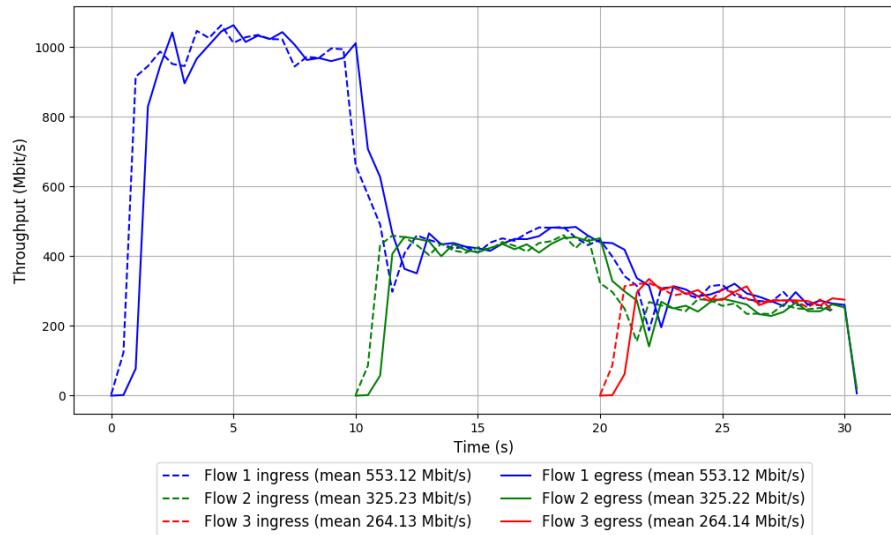


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-01-03 10:26:23
End at: 2019-01-03 10:26:53
Local clock offset: -0.099 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2019-01-03 13:40:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 856.78 Mbit/s
95th percentile per-packet one-way delay: 69.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 553.12 Mbit/s
95th percentile per-packet one-way delay: 70.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 325.22 Mbit/s
95th percentile per-packet one-way delay: 67.065 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 264.14 Mbit/s
95th percentile per-packet one-way delay: 67.067 ms
Loss rate: 0.00%
```

## Run 2: Report of FillP-Sheep — Data Link

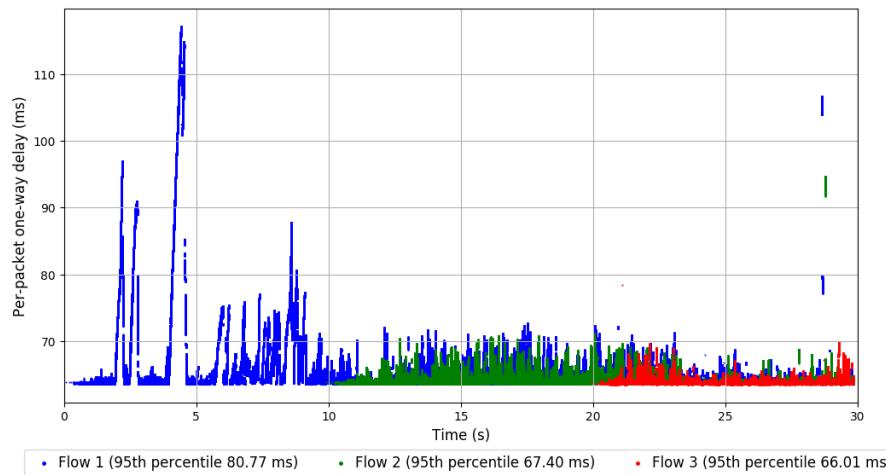
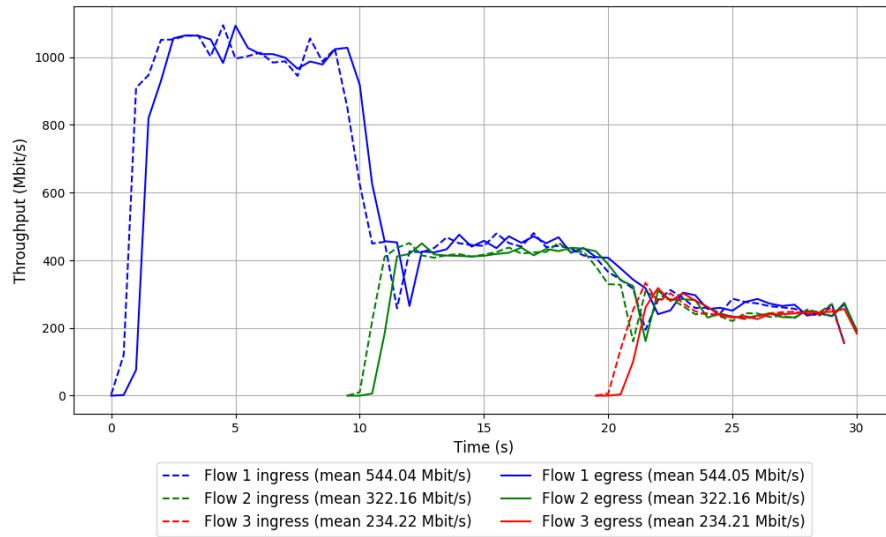


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-01-03 10:59:55
End at: 2019-01-03 11:00:25
Local clock offset: -0.036 ms
Remote clock offset: 0.653 ms

# Below is generated by plot.py at 2019-01-03 13:40:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 837.14 Mbit/s
95th percentile per-packet one-way delay: 75.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 544.05 Mbit/s
95th percentile per-packet one-way delay: 80.767 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 322.16 Mbit/s
95th percentile per-packet one-way delay: 67.402 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 234.21 Mbit/s
95th percentile per-packet one-way delay: 66.010 ms
Loss rate: 0.01%
```

### Run 3: Report of FillP-Sheep — Data Link

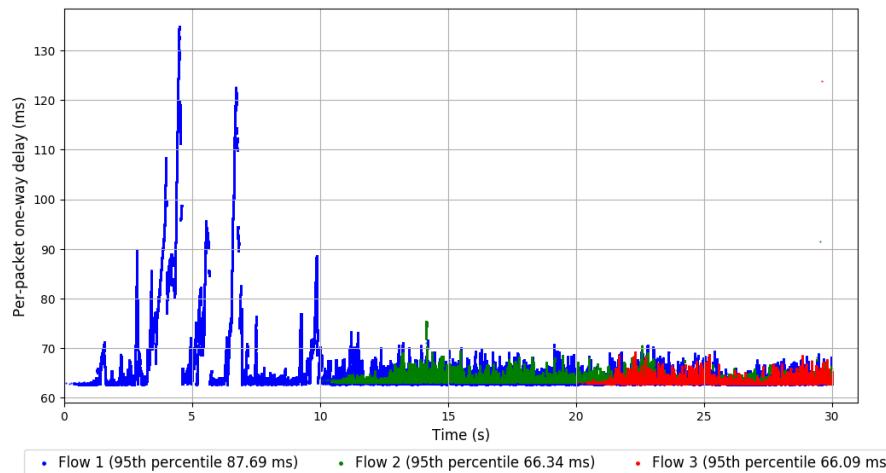
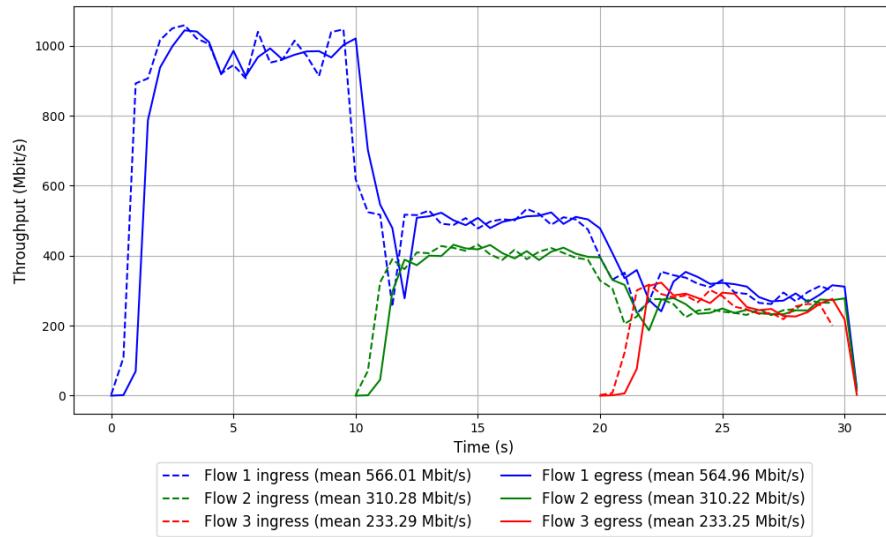


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-01-03 11:33:14
End at: 2019-01-03 11:33:44
Local clock offset: 0.046 ms
Remote clock offset: -0.031 ms

# Below is generated by plot.py at 2019-01-03 13:44:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 848.14 Mbit/s
95th percentile per-packet one-way delay: 82.248 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 564.96 Mbit/s
95th percentile per-packet one-way delay: 87.694 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 310.22 Mbit/s
95th percentile per-packet one-way delay: 66.336 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 233.25 Mbit/s
95th percentile per-packet one-way delay: 66.089 ms
Loss rate: 0.00%
```

Run 4: Report of FillP-Sheep — Data Link

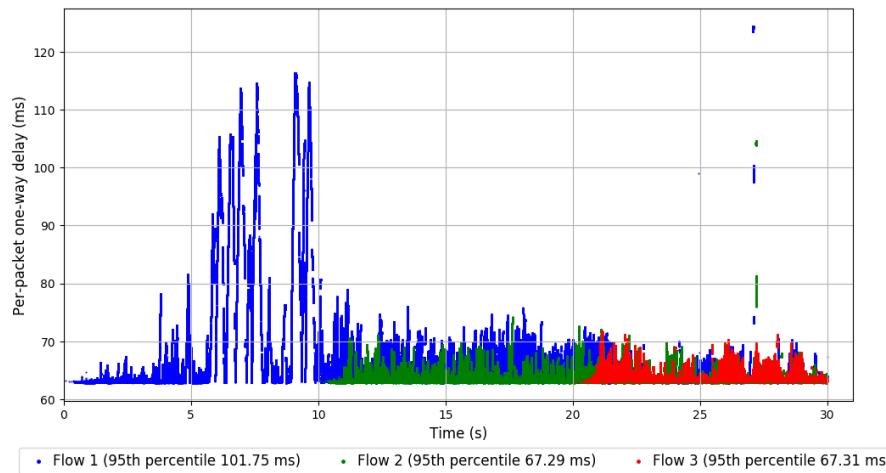
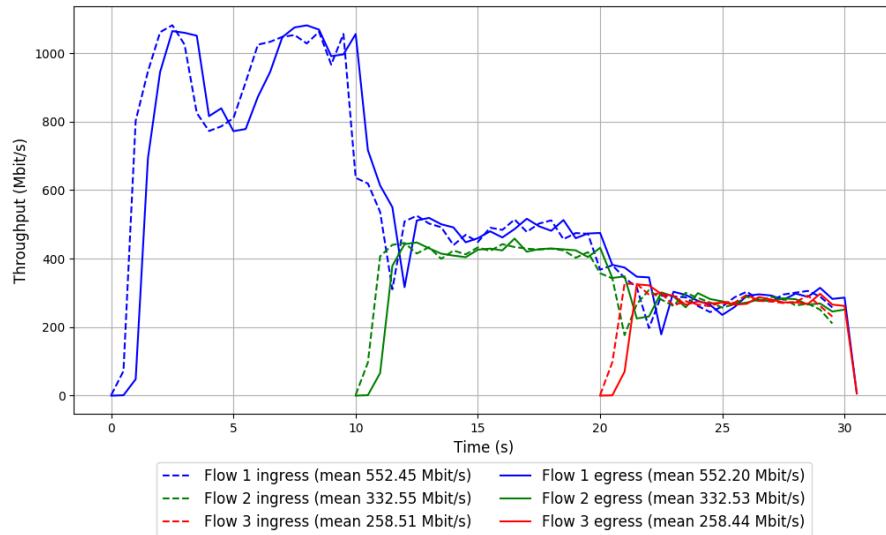


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-01-03 12:06:33
End at: 2019-01-03 12:07:03
Local clock offset: 0.016 ms
Remote clock offset: 0.058 ms

# Below is generated by plot.py at 2019-01-03 13:57:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 858.91 Mbit/s
95th percentile per-packet one-way delay: 92.453 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 552.20 Mbit/s
95th percentile per-packet one-way delay: 101.745 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 332.53 Mbit/s
95th percentile per-packet one-way delay: 67.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 258.44 Mbit/s
95th percentile per-packet one-way delay: 67.307 ms
Loss rate: 0.00%
```

Run 5: Report of FillP-Sheep — Data Link

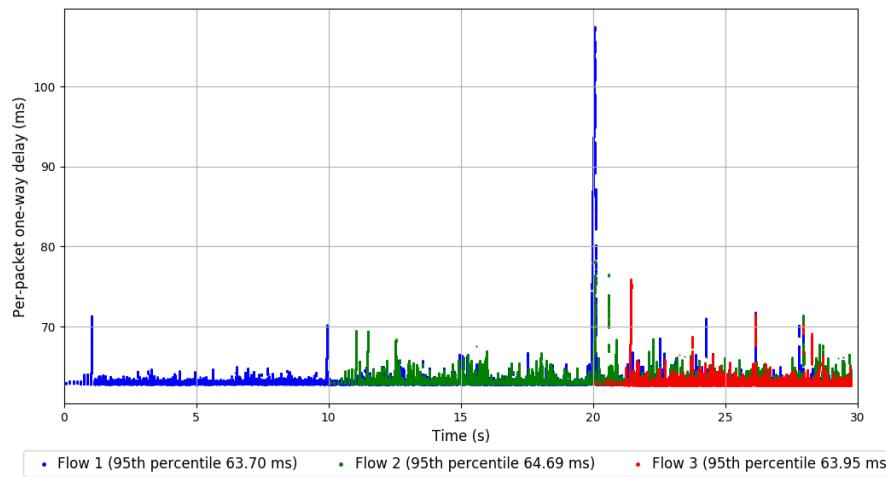
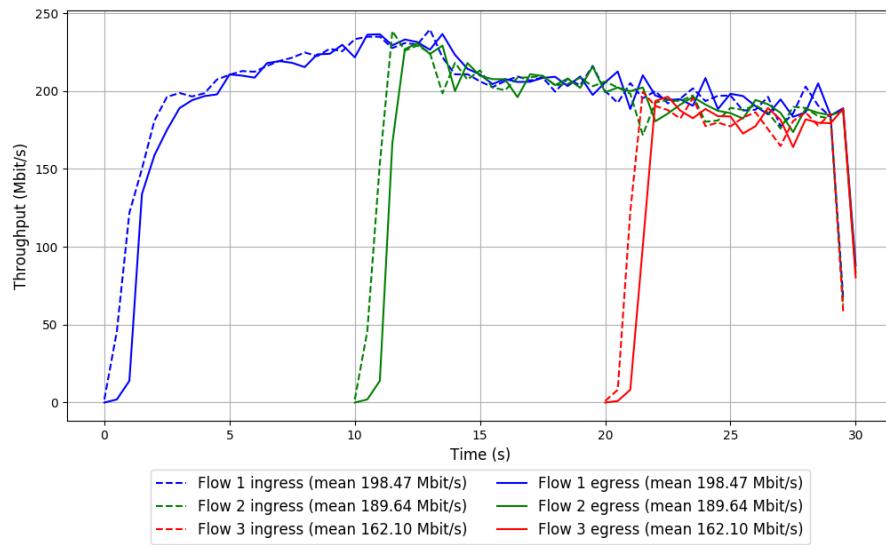


Run 1: Statistics of Indigo

```
Start at: 2019-01-03 09:48:46
End at: 2019-01-03 09:49:16
Local clock offset: -0.093 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at 2019-01-03 13:57:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 376.72 Mbit/s
95th percentile per-packet one-way delay: 64.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.47 Mbit/s
95th percentile per-packet one-way delay: 63.702 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 189.64 Mbit/s
95th percentile per-packet one-way delay: 64.689 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.10 Mbit/s
95th percentile per-packet one-way delay: 63.953 ms
Loss rate: 0.00%
```

## Run 1: Report of Indigo — Data Link

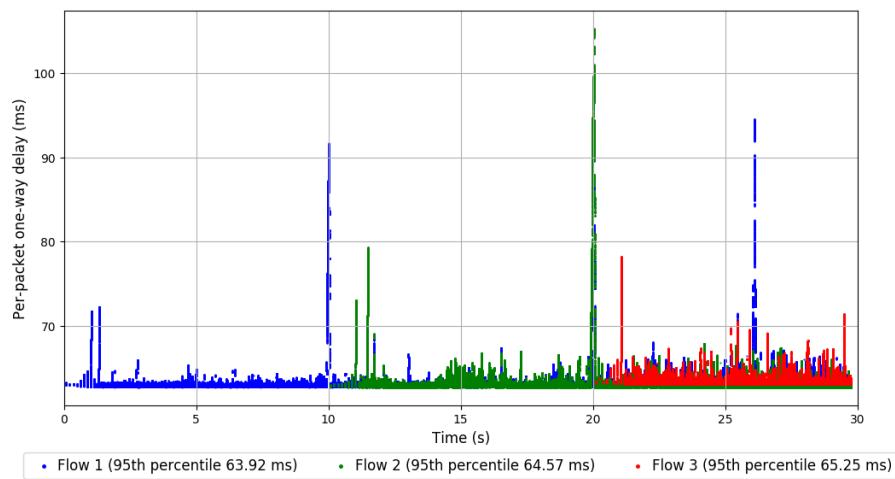
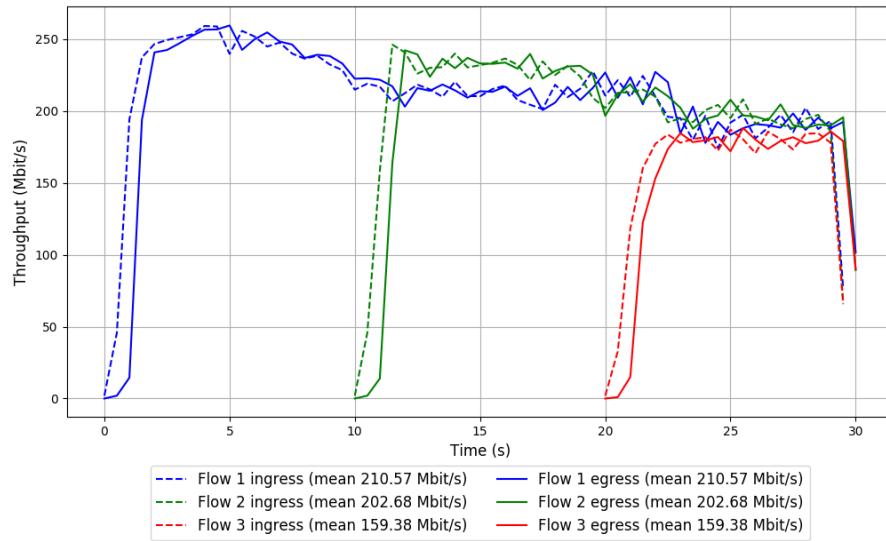


Run 2: Statistics of Indigo

```
Start at: 2019-01-03 10:22:26
End at: 2019-01-03 10:22:56
Local clock offset: -0.127 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2019-01-03 13:57:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.75 Mbit/s
95th percentile per-packet one-way delay: 64.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.57 Mbit/s
95th percentile per-packet one-way delay: 63.924 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.68 Mbit/s
95th percentile per-packet one-way delay: 64.570 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 159.38 Mbit/s
95th percentile per-packet one-way delay: 65.251 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo — Data Link

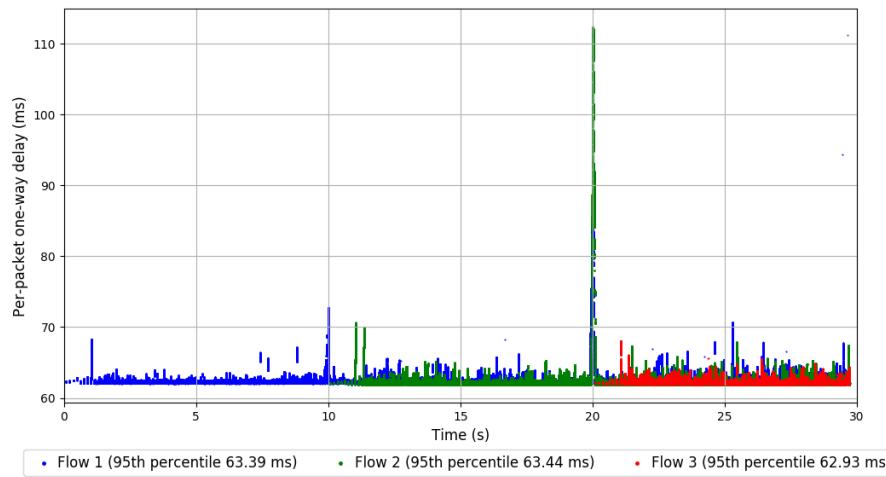
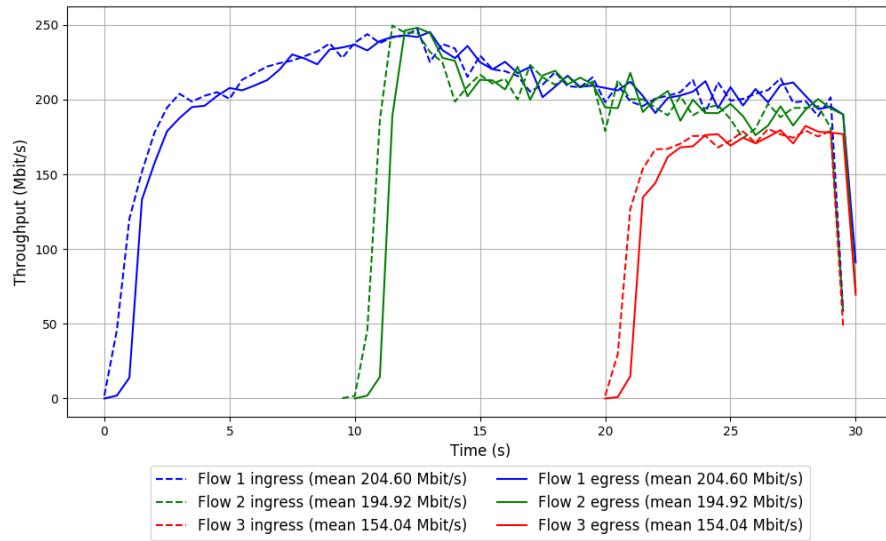


Run 3: Statistics of Indigo

```
Start at: 2019-01-03 10:56:00
End at: 2019-01-03 10:56:30
Local clock offset: -0.039 ms
Remote clock offset: -0.864 ms

# Below is generated by plot.py at 2019-01-03 13:57:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.91 Mbit/s
95th percentile per-packet one-way delay: 63.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.60 Mbit/s
95th percentile per-packet one-way delay: 63.387 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.92 Mbit/s
95th percentile per-packet one-way delay: 63.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 154.04 Mbit/s
95th percentile per-packet one-way delay: 62.930 ms
Loss rate: 0.00%
```

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

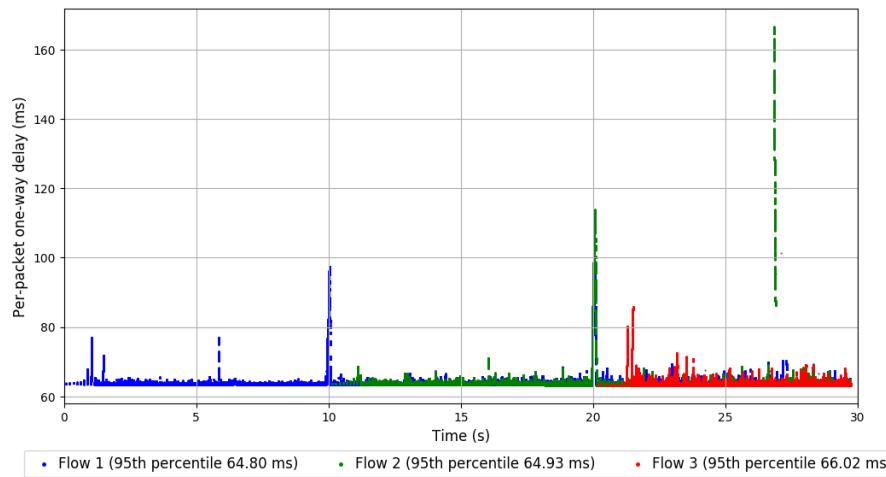
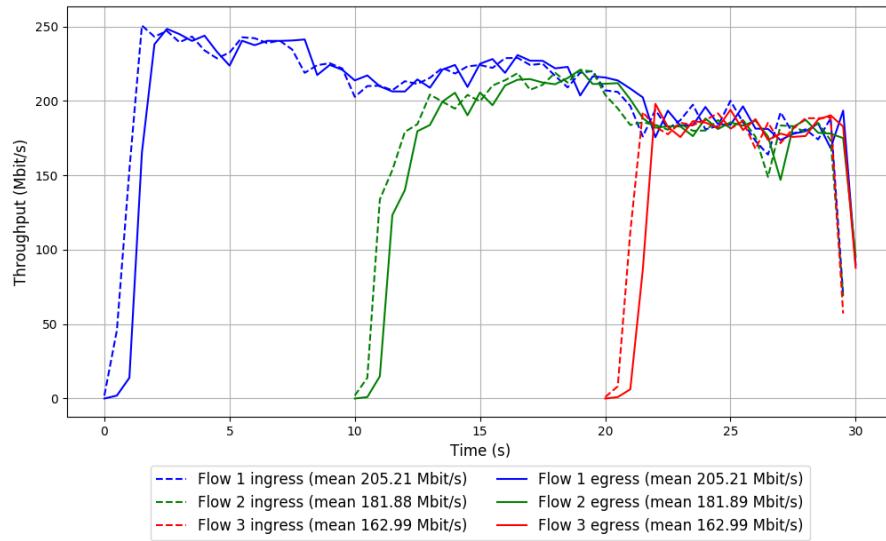


Run 4: Statistics of Indigo

```
Start at: 2019-01-03 11:29:22
End at: 2019-01-03 11:29:52
Local clock offset: 0.059 ms
Remote clock offset: 0.578 ms

# Below is generated by plot.py at 2019-01-03 13:57:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.99 Mbit/s
95th percentile per-packet one-way delay: 64.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 205.21 Mbit/s
95th percentile per-packet one-way delay: 64.804 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.89 Mbit/s
95th percentile per-packet one-way delay: 64.926 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.99 Mbit/s
95th percentile per-packet one-way delay: 66.022 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

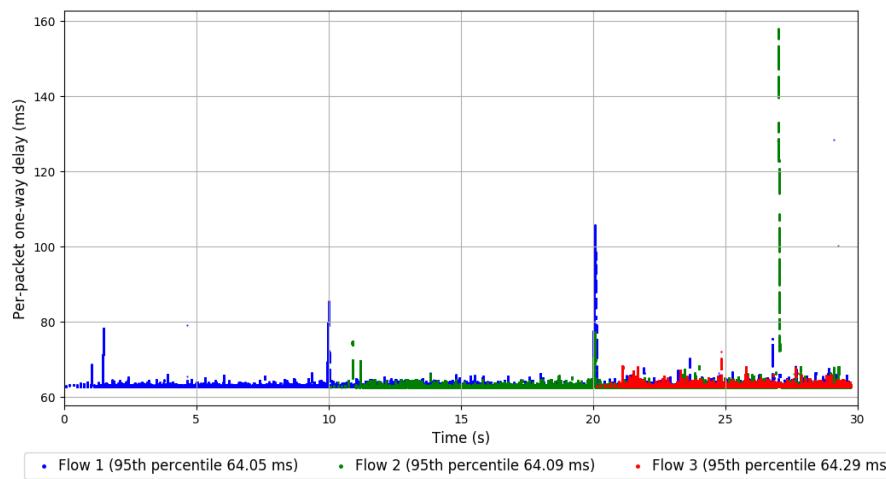
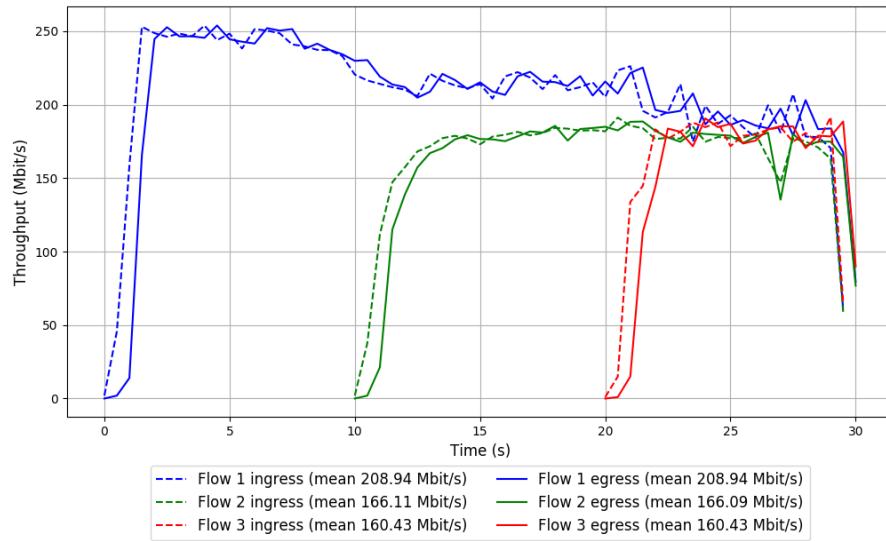


Run 5: Statistics of Indigo

```
Start at: 2019-01-03 12:02:39
End at: 2019-01-03 12:03:09
Local clock offset: 0.012 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2019-01-03 13:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 370.97 Mbit/s
95th percentile per-packet one-way delay: 64.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.94 Mbit/s
95th percentile per-packet one-way delay: 64.054 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.09 Mbit/s
95th percentile per-packet one-way delay: 64.093 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 160.43 Mbit/s
95th percentile per-packet one-way delay: 64.292 ms
Loss rate: 0.00%
```

## Run 5: Report of Indigo — Data Link

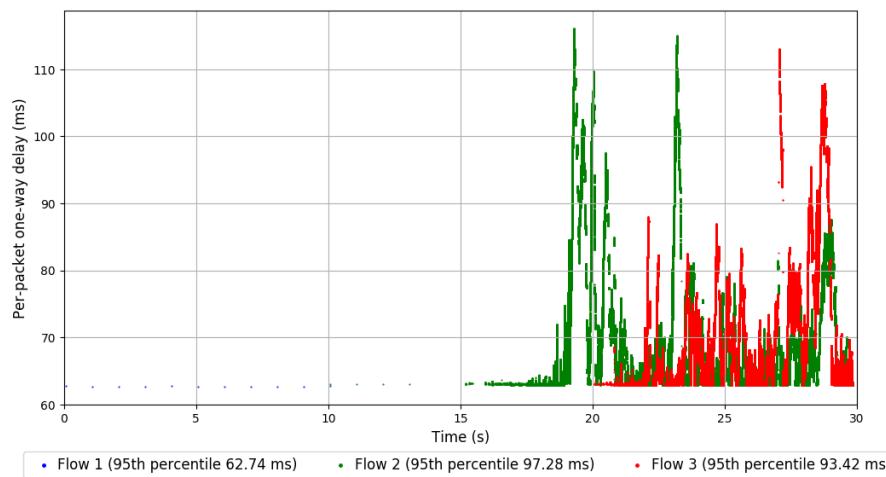
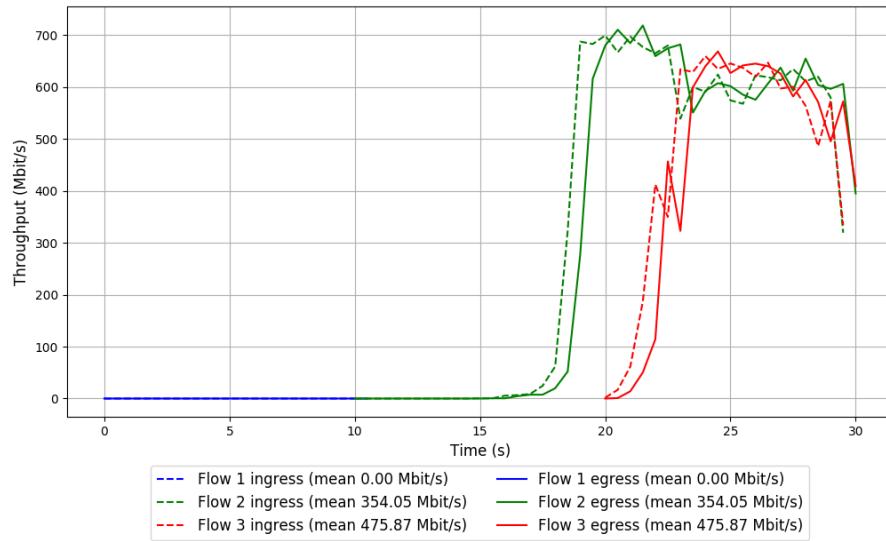


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-01-03 09:36:44
End at: 2019-01-03 09:37:14
Local clock offset: -0.05 ms
Remote clock offset: -0.325 ms

# Below is generated by plot.py at 2019-01-03 13:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 391.09 Mbit/s
95th percentile per-packet one-way delay: 95.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 62.740 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 354.05 Mbit/s
95th percentile per-packet one-way delay: 97.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 475.87 Mbit/s
95th percentile per-packet one-way delay: 93.420 ms
Loss rate: 0.00%
```

## Run 1: Report of Indigo-MusesD — Data Link

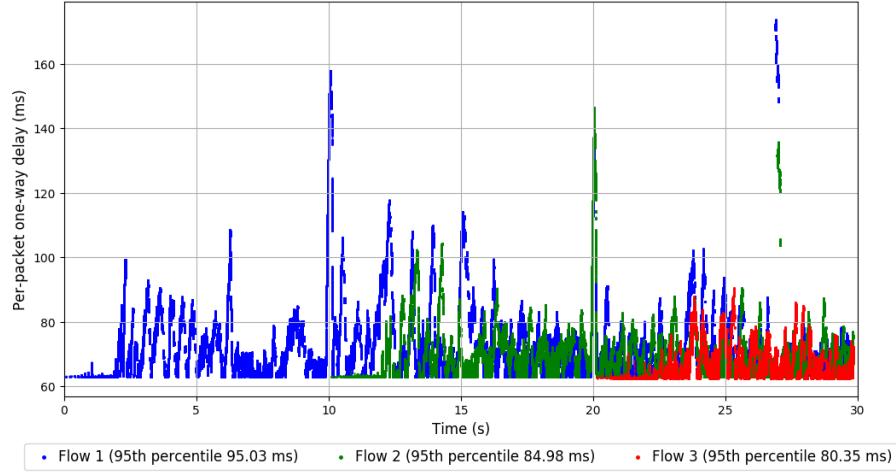
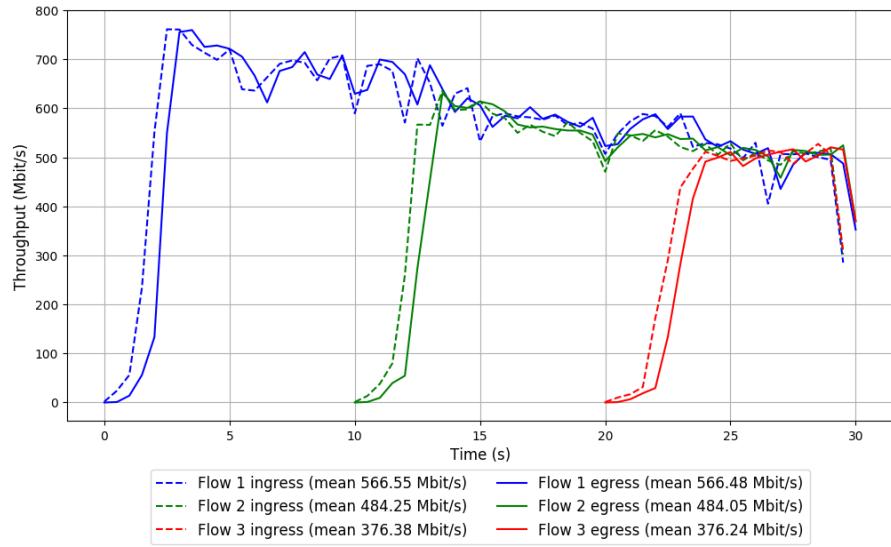


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-01-03 10:09:46
End at: 2019-01-03 10:10:16
Local clock offset: -0.074 ms
Remote clock offset: -0.307 ms

# Below is generated by plot.py at 2019-01-03 14:07:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1010.05 Mbit/s
95th percentile per-packet one-way delay: 90.849 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 566.48 Mbit/s
95th percentile per-packet one-way delay: 95.025 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 484.05 Mbit/s
95th percentile per-packet one-way delay: 84.984 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 376.24 Mbit/s
95th percentile per-packet one-way delay: 80.347 ms
Loss rate: 0.02%
```

## Run 2: Report of Indigo-MusesD — Data Link

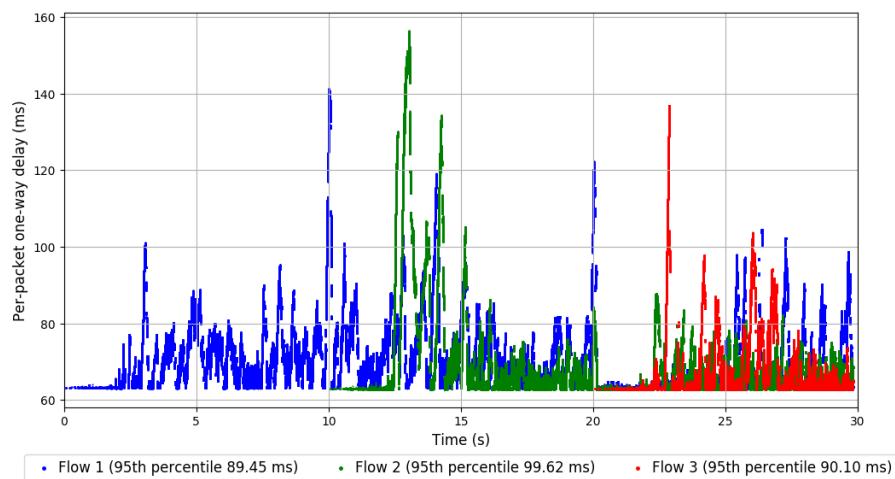
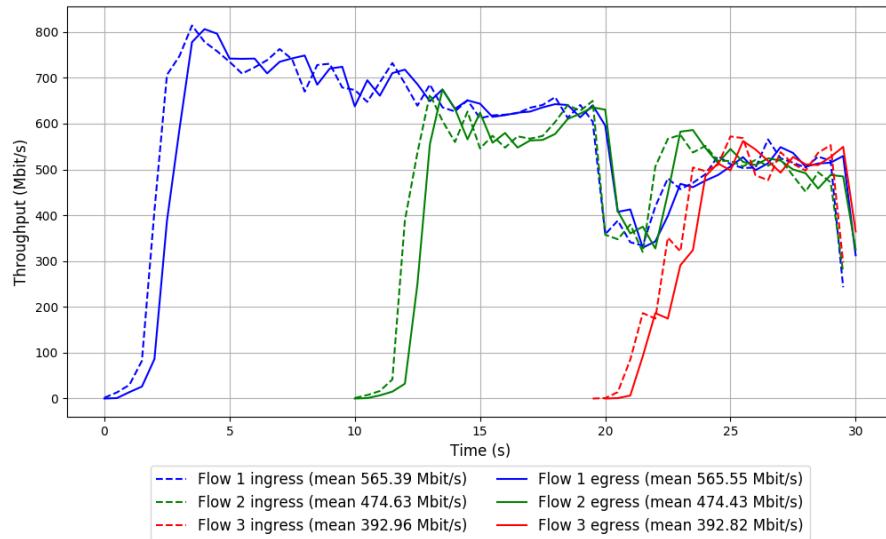


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-01-03 10:43:23
End at: 2019-01-03 10:43:53
Local clock offset: -0.053 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2019-01-03 14:14:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1009.54 Mbit/s
95th percentile per-packet one-way delay: 91.181 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 565.55 Mbit/s
95th percentile per-packet one-way delay: 89.450 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 474.43 Mbit/s
95th percentile per-packet one-way delay: 99.616 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 392.82 Mbit/s
95th percentile per-packet one-way delay: 90.102 ms
Loss rate: 0.04%
```

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

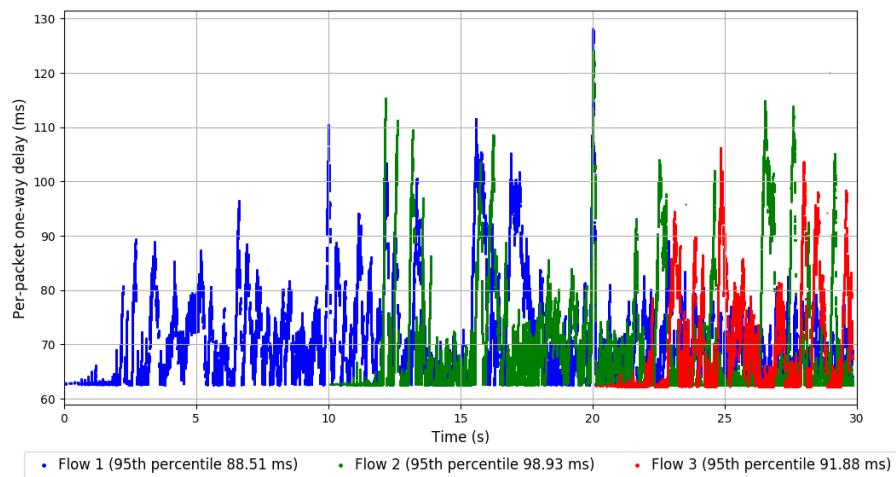
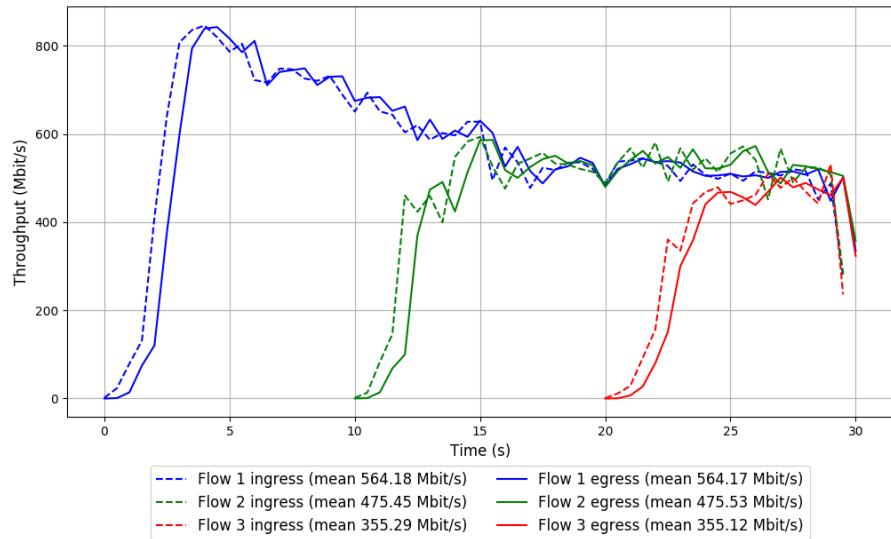


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-01-03 11:16:37
End at: 2019-01-03 11:17:07
Local clock offset: 0.032 ms
Remote clock offset: -0.669 ms

# Below is generated by plot.py at 2019-01-03 14:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 995.65 Mbit/s
95th percentile per-packet one-way delay: 93.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 564.17 Mbit/s
95th percentile per-packet one-way delay: 88.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 475.53 Mbit/s
95th percentile per-packet one-way delay: 98.929 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 355.12 Mbit/s
95th percentile per-packet one-way delay: 91.882 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

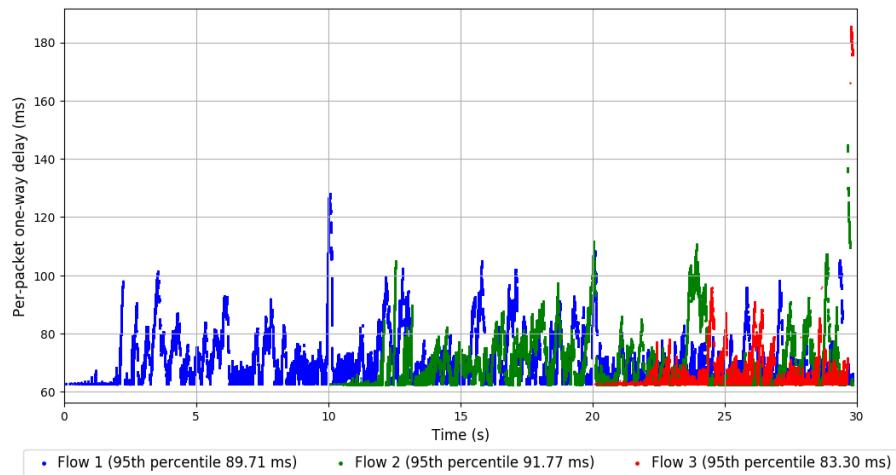
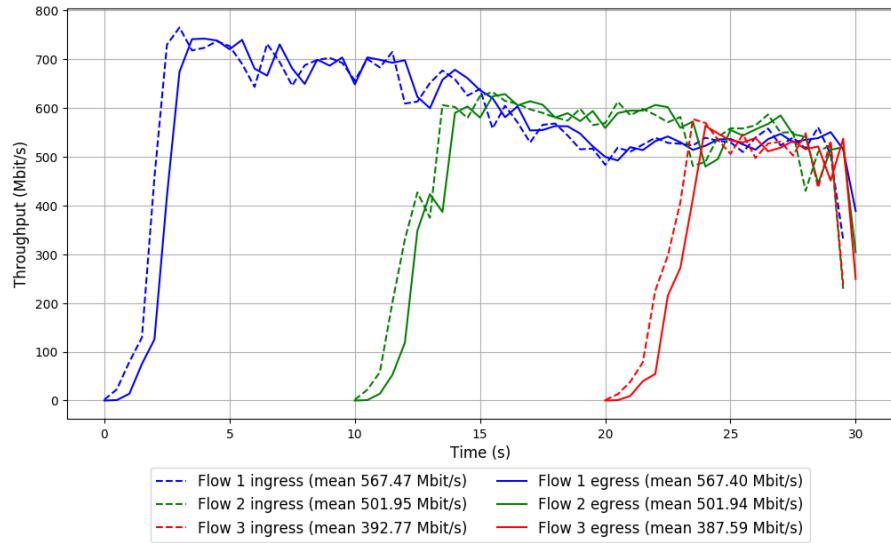


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-01-03 11:50:12
End at: 2019-01-03 11:50:42
Local clock offset: 0.011 ms
Remote clock offset: -0.194 ms

# Below is generated by plot.py at 2019-01-03 14:19:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1027.49 Mbit/s
95th percentile per-packet one-way delay: 89.468 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 567.40 Mbit/s
95th percentile per-packet one-way delay: 89.708 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 501.94 Mbit/s
95th percentile per-packet one-way delay: 91.767 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 387.59 Mbit/s
95th percentile per-packet one-way delay: 83.302 ms
Loss rate: 0.69%
```

## Run 5: Report of Indigo-MusesD — Data Link

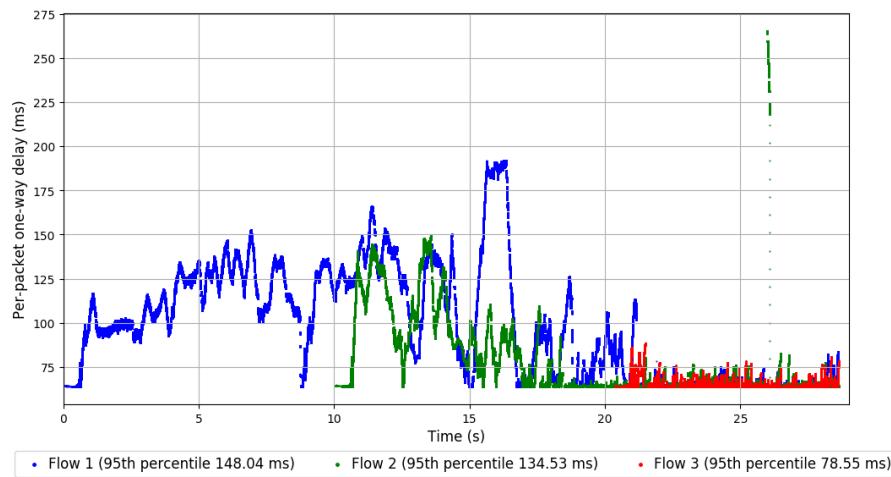
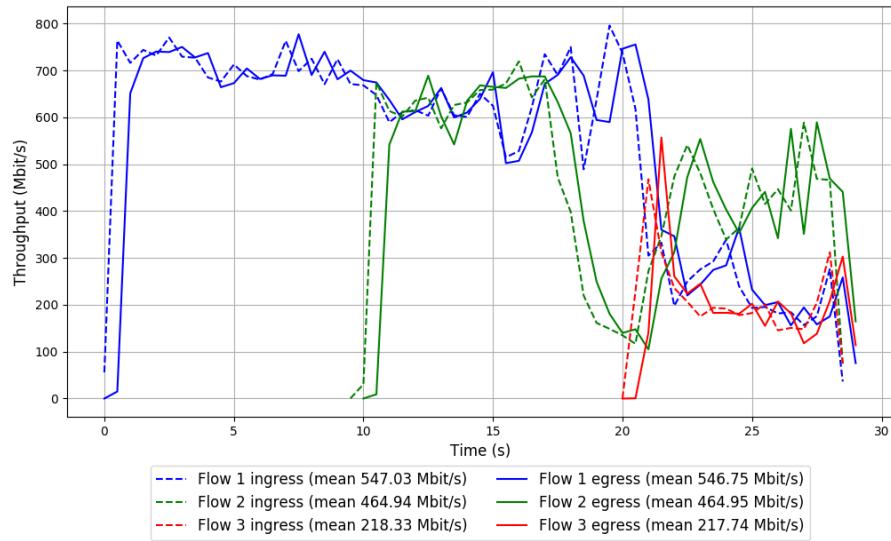


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-01-03 09:38:17
End at: 2019-01-03 09:38:47
Local clock offset: -0.078 ms
Remote clock offset: 1.143 ms

# Below is generated by plot.py at 2019-01-03 14:19:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 912.16 Mbit/s
95th percentile per-packet one-way delay: 143.008 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 546.75 Mbit/s
95th percentile per-packet one-way delay: 148.045 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 464.95 Mbit/s
95th percentile per-packet one-way delay: 134.535 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 217.74 Mbit/s
95th percentile per-packet one-way delay: 78.552 ms
Loss rate: 0.24%
```

Run 1: Report of Indigo-MusesT — Data Link

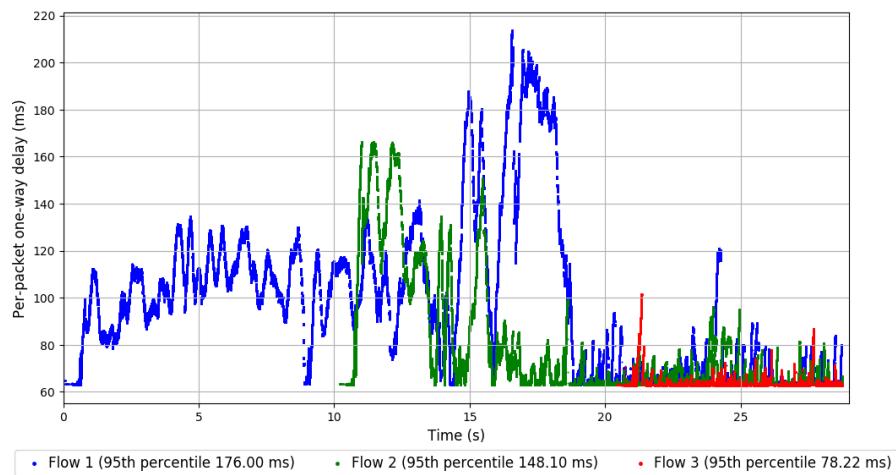
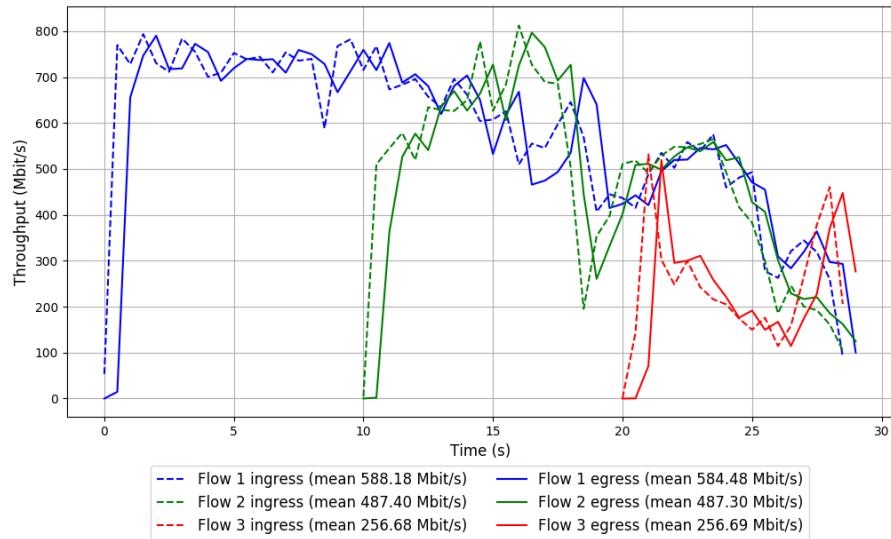


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-01-03 10:11:51
End at: 2019-01-03 10:12:21
Local clock offset: -0.097 ms
Remote clock offset: -0.12 ms

# Below is generated by plot.py at 2019-01-03 14:19:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 973.42 Mbit/s
95th percentile per-packet one-way delay: 159.602 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 584.48 Mbit/s
95th percentile per-packet one-way delay: 176.005 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 487.30 Mbit/s
95th percentile per-packet one-way delay: 148.099 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 256.69 Mbit/s
95th percentile per-packet one-way delay: 78.217 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo-MusesT — Data Link

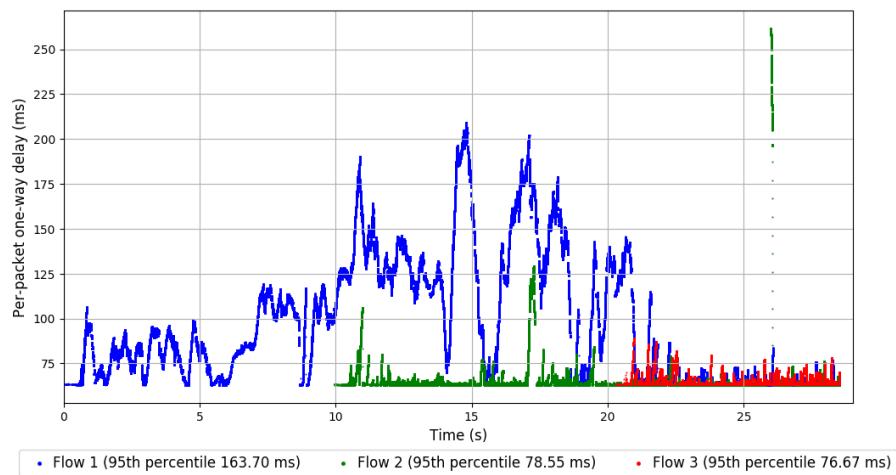
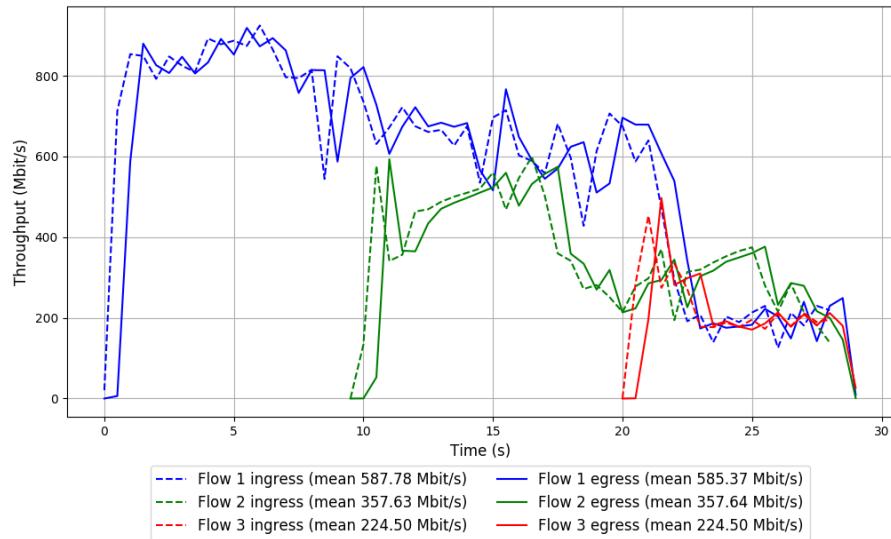


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-01-03 10:45:30
End at: 2019-01-03 10:46:00
Local clock offset: -0.039 ms
Remote clock offset: 0.189 ms

# Below is generated by plot.py at 2019-01-03 14:19:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 883.33 Mbit/s
95th percentile per-packet one-way delay: 154.953 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 585.37 Mbit/s
95th percentile per-packet one-way delay: 163.700 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 357.64 Mbit/s
95th percentile per-packet one-way delay: 78.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 224.50 Mbit/s
95th percentile per-packet one-way delay: 76.675 ms
Loss rate: 0.00%
```

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

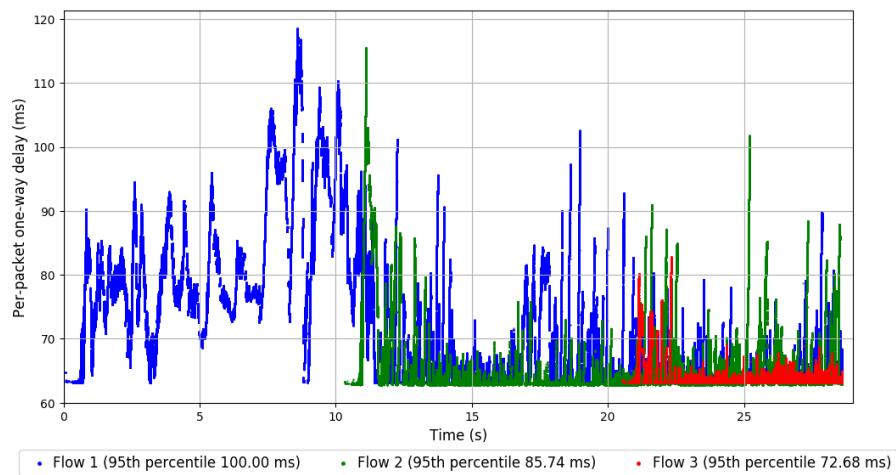
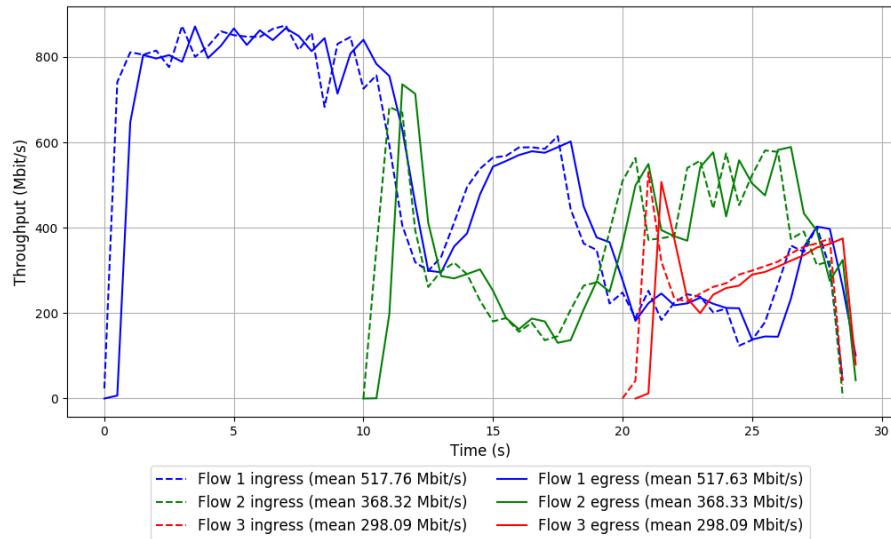


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-01-03 11:18:43
End at: 2019-01-03 11:19:13
Local clock offset: 0.043 ms
Remote clock offset: -0.075 ms

# Below is generated by plot.py at 2019-01-03 14:19:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 837.96 Mbit/s
95th percentile per-packet one-way delay: 96.897 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 517.63 Mbit/s
95th percentile per-packet one-way delay: 99.996 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 368.33 Mbit/s
95th percentile per-packet one-way delay: 85.741 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 298.09 Mbit/s
95th percentile per-packet one-way delay: 72.679 ms
Loss rate: 0.00%
```

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

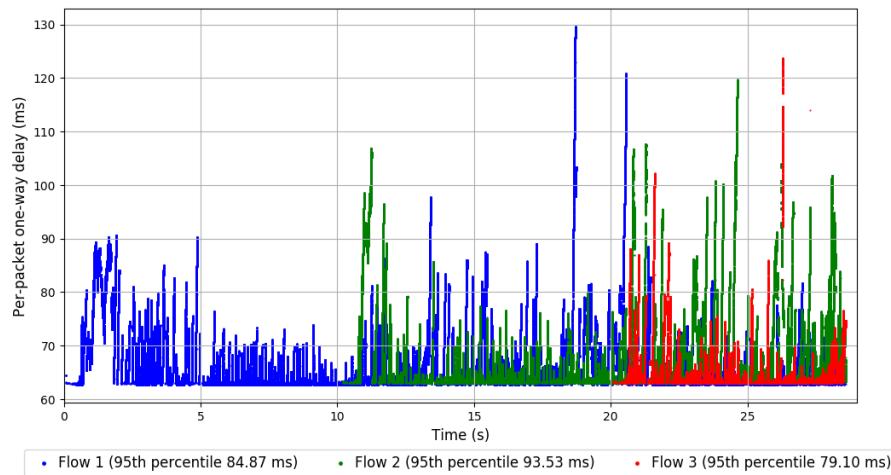
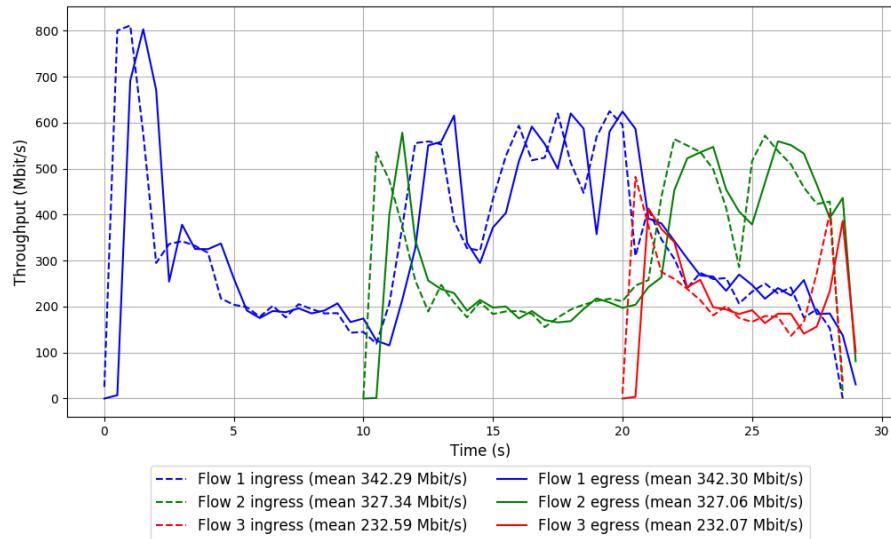


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-01-03 11:52:18
End at: 2019-01-03 11:52:48
Local clock offset: -0.008 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 622.18 Mbit/s
95th percentile per-packet one-way delay: 87.863 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 342.30 Mbit/s
95th percentile per-packet one-way delay: 84.874 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 327.06 Mbit/s
95th percentile per-packet one-way delay: 93.525 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 232.07 Mbit/s
95th percentile per-packet one-way delay: 79.104 ms
Loss rate: 0.16%
```

## Run 5: Report of Indigo-MusesT — Data Link

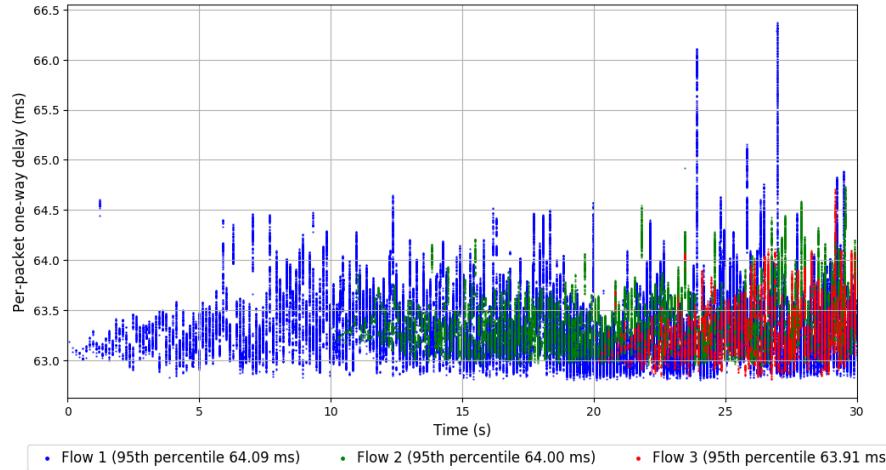
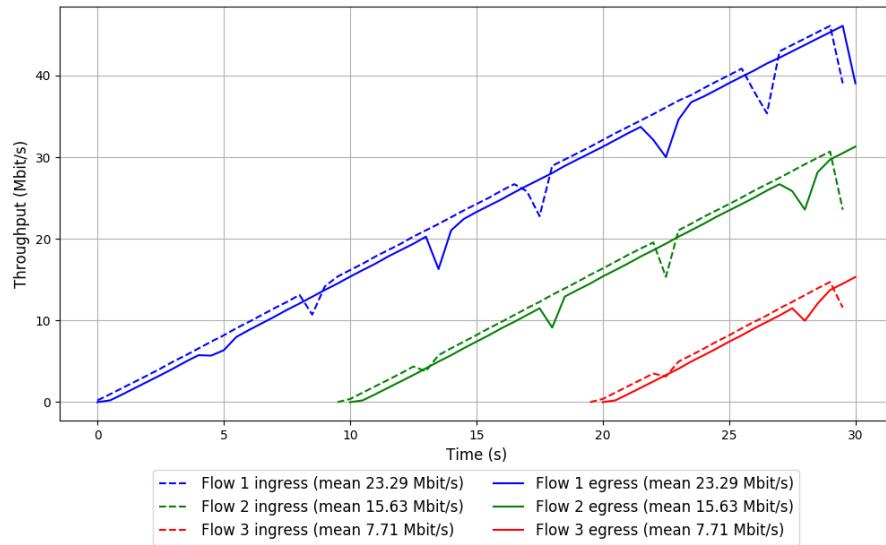


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2019-01-03 09:23:26
End at: 2019-01-03 09:23:56
Local clock offset: -0.085 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 64.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.29 Mbit/s
95th percentile per-packet one-way delay: 64.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 64.004 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 63.912 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

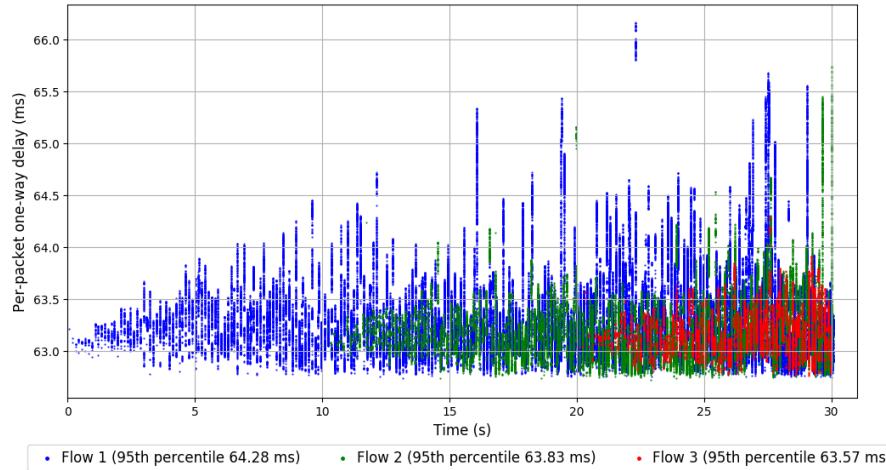
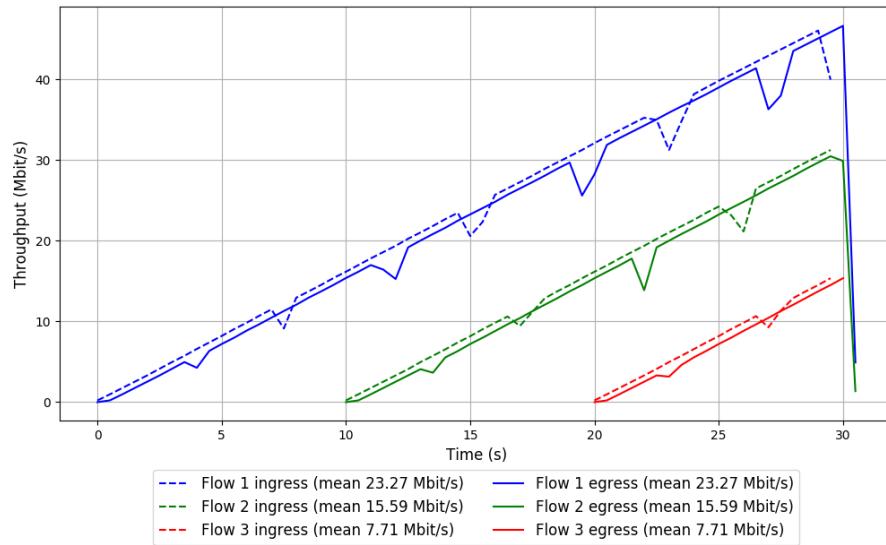


Run 2: Statistics of LEDBAT

```
Start at: 2019-01-03 09:56:21
End at: 2019-01-03 09:56:51
Local clock offset: -0.088 ms
Remote clock offset: -0.112 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 64.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.27 Mbit/s
95th percentile per-packet one-way delay: 64.277 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 63.834 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 63.571 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

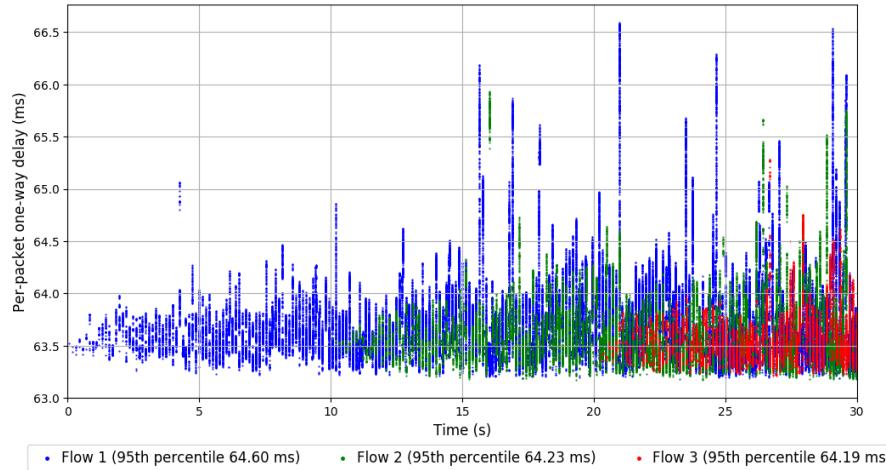
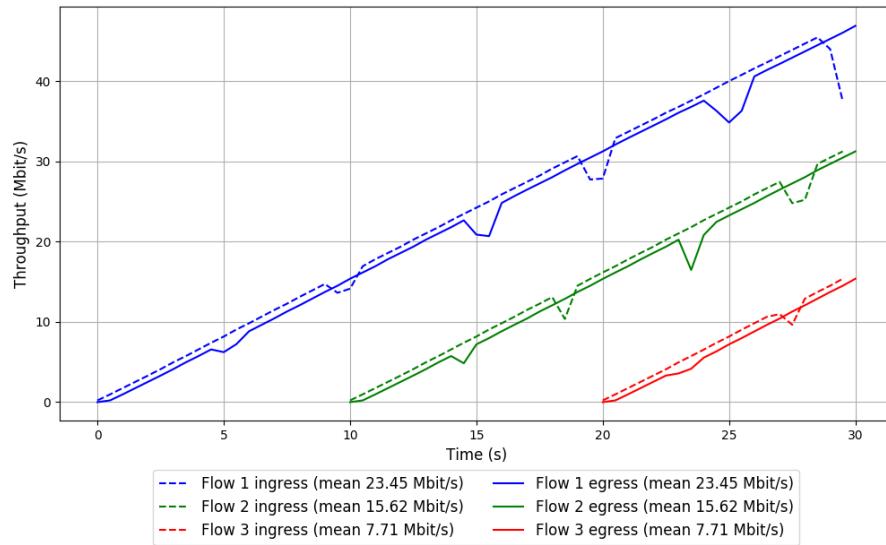


Run 3: Statistics of LEDBAT

```
Start at: 2019-01-03 10:30:07
End at: 2019-01-03 10:30:37
Local clock offset: -0.109 ms
Remote clock offset: 0.367 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 64.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.45 Mbit/s
95th percentile per-packet one-way delay: 64.603 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 64.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 64.192 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

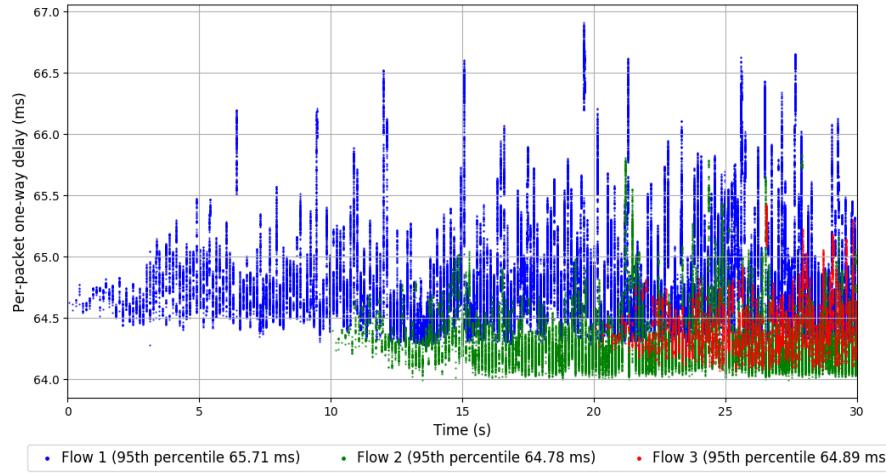
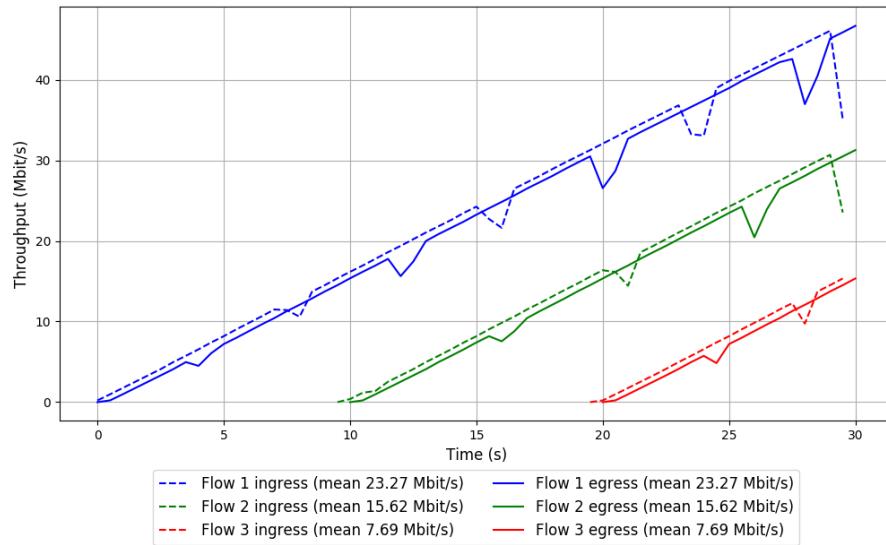


Run 4: Statistics of LEDBAT

```
Start at: 2019-01-03 11:03:38
End at: 2019-01-03 11:04:08
Local clock offset: -0.023 ms
Remote clock offset: 1.241 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 65.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.27 Mbit/s
95th percentile per-packet one-way delay: 65.707 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 64.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 64.888 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

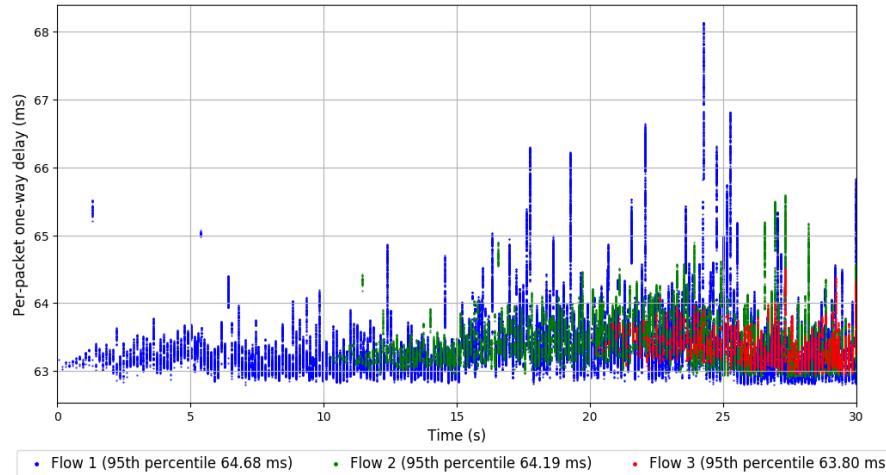
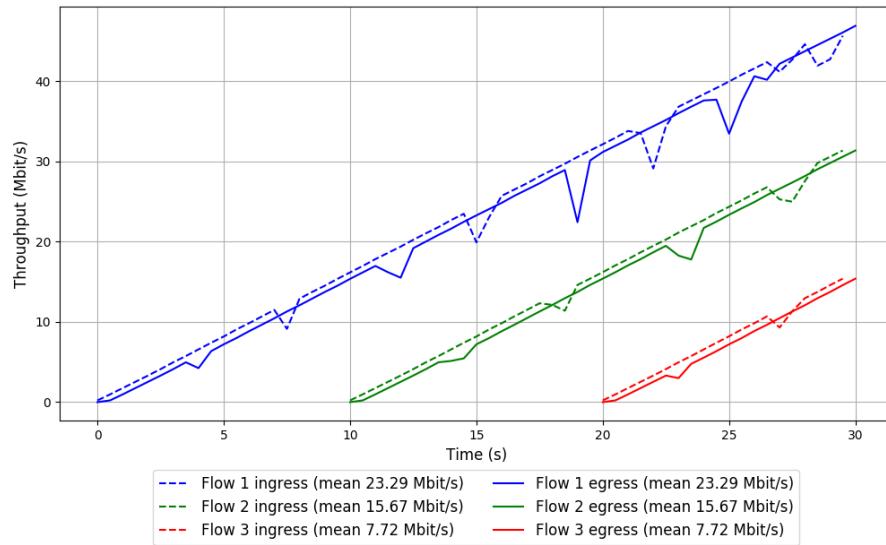


Run 5: Statistics of LEDBAT

```
Start at: 2019-01-03 11:36:58
End at: 2019-01-03 11:37:28
Local clock offset: 0.059 ms
Remote clock offset: 0.054 ms

# Below is generated by plot.py at 2019-01-03 14:23:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 64.468 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.29 Mbit/s
95th percentile per-packet one-way delay: 64.678 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 64.195 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 63.804 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

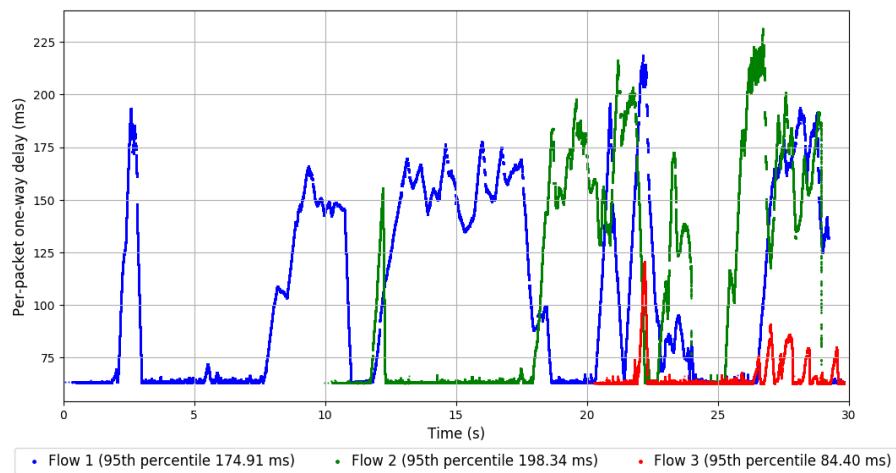
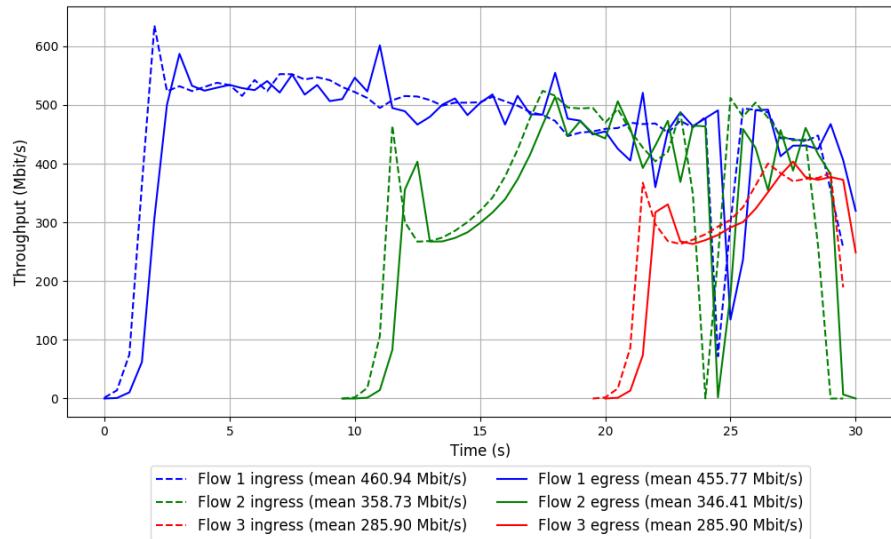


Run 1: Statistics of PCC-Allegro

```
Start at: 2019-01-03 09:24:43
End at: 2019-01-03 09:25:13
Local clock offset: -0.047 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2019-01-03 14:52:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 778.14 Mbit/s
95th percentile per-packet one-way delay: 184.428 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 455.77 Mbit/s
95th percentile per-packet one-way delay: 174.906 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 346.41 Mbit/s
95th percentile per-packet one-way delay: 198.335 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 285.90 Mbit/s
95th percentile per-packet one-way delay: 84.399 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

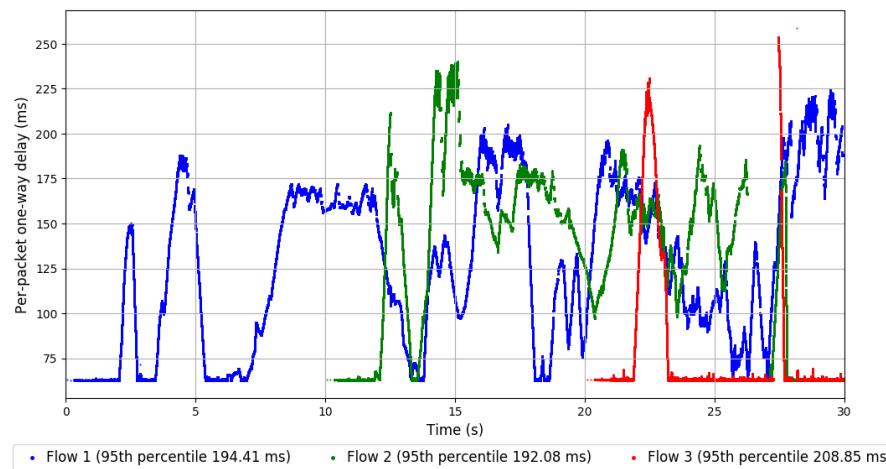
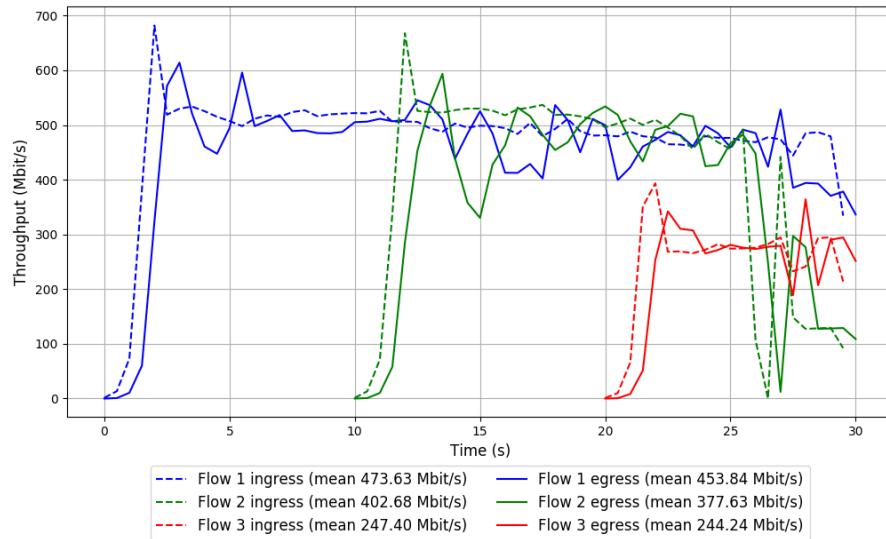


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-01-03 09:57:38
End at: 2019-01-03 09:58:08
Local clock offset: -0.067 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2019-01-03 14:53:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 785.11 Mbit/s
95th percentile per-packet one-way delay: 194.889 ms
Loss rate: 4.55%
-- Flow 1:
Average throughput: 453.84 Mbit/s
95th percentile per-packet one-way delay: 194.406 ms
Loss rate: 4.17%
-- Flow 2:
Average throughput: 377.63 Mbit/s
95th percentile per-packet one-way delay: 192.084 ms
Loss rate: 6.22%
-- Flow 3:
Average throughput: 244.24 Mbit/s
95th percentile per-packet one-way delay: 208.848 ms
Loss rate: 1.28%
```

## Run 2: Report of PCC-Allegro — Data Link

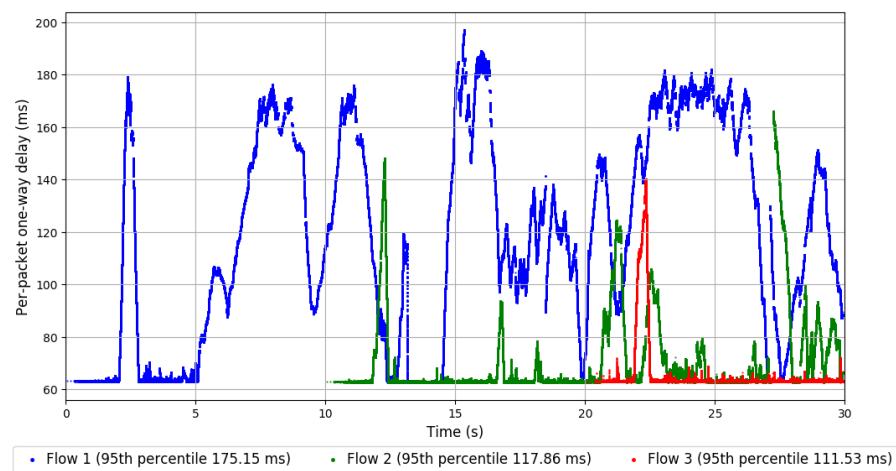
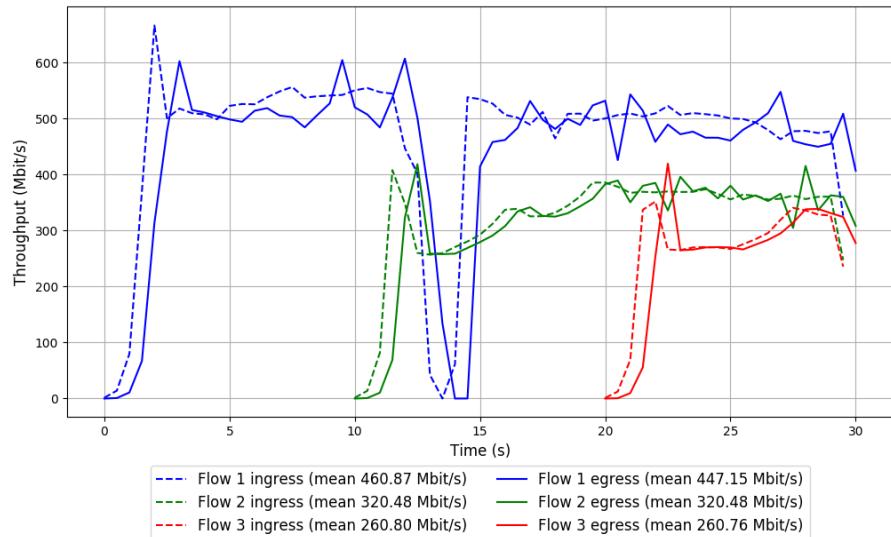


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-01-03 10:31:24
End at: 2019-01-03 10:31:54
Local clock offset: -0.107 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2019-01-03 14:53:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 745.97 Mbit/s
95th percentile per-packet one-way delay: 172.478 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 447.15 Mbit/s
95th percentile per-packet one-way delay: 175.153 ms
Loss rate: 2.97%
-- Flow 2:
Average throughput: 320.48 Mbit/s
95th percentile per-packet one-way delay: 117.858 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 260.76 Mbit/s
95th percentile per-packet one-way delay: 111.535 ms
Loss rate: 0.00%
```

### Run 3: Report of PCC-Allegro — Data Link

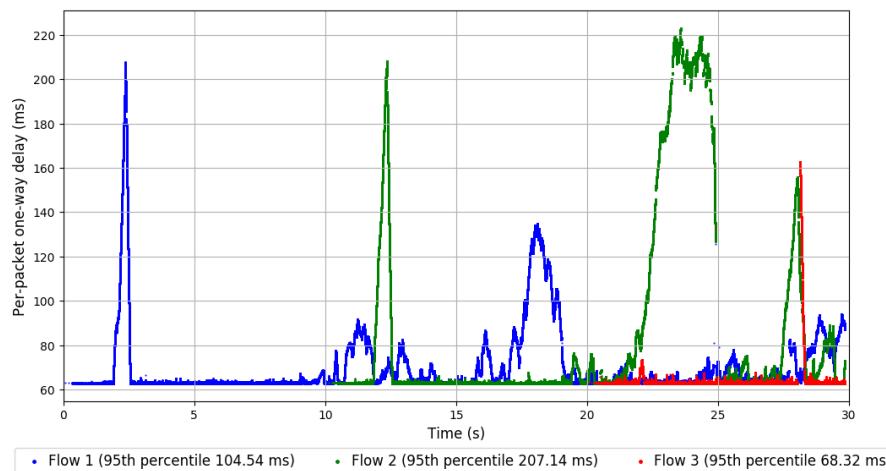
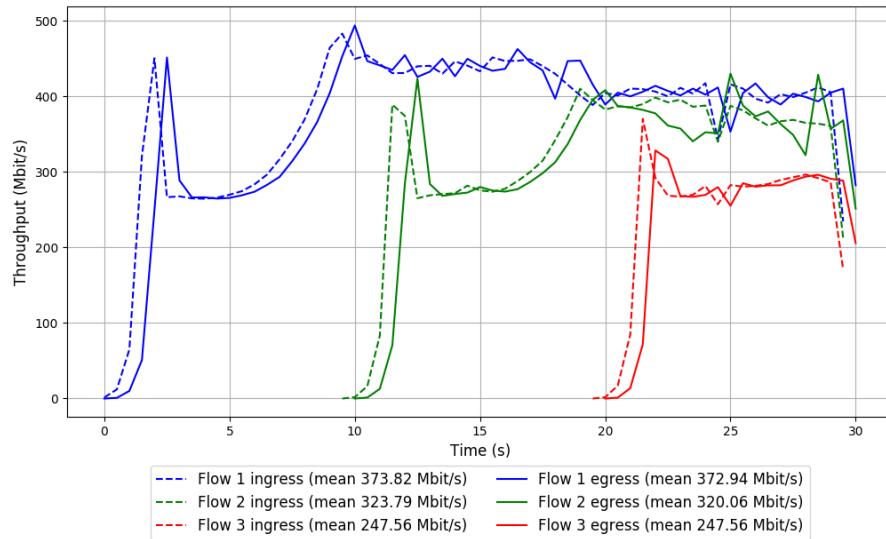


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-01-03 11:04:55
End at: 2019-01-03 11:05:25
Local clock offset: 0.004 ms
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2019-01-03 14:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 667.81 Mbit/s
95th percentile per-packet one-way delay: 153.502 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 372.94 Mbit/s
95th percentile per-packet one-way delay: 104.537 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 320.06 Mbit/s
95th percentile per-packet one-way delay: 207.143 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 247.56 Mbit/s
95th percentile per-packet one-way delay: 68.316 ms
Loss rate: 0.00%
```

## Run 4: Report of PCC-Allegro — Data Link

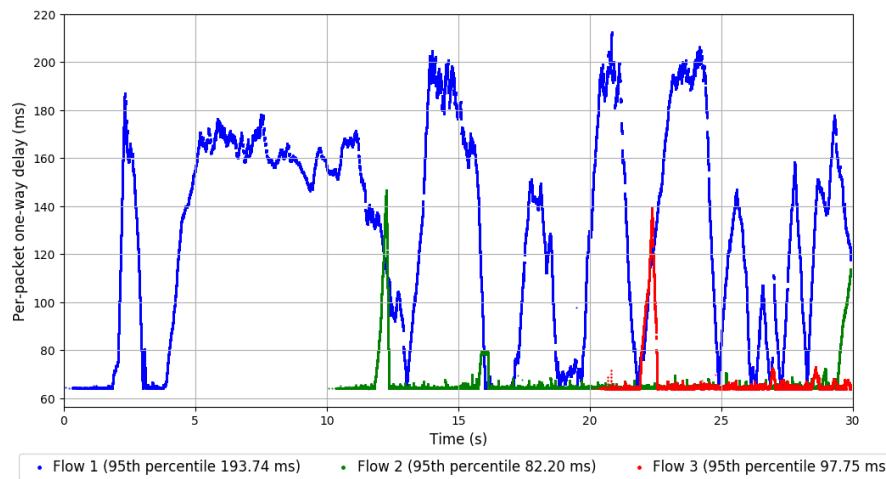
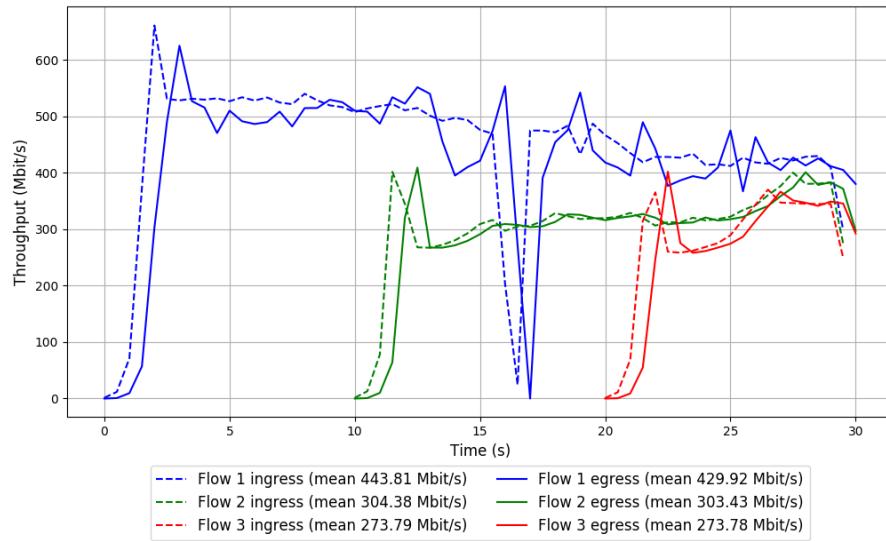


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-01-03 11:38:15
End at: 2019-01-03 11:38:45
Local clock offset: 0.047 ms
Remote clock offset: 1.167 ms

# Below is generated by plot.py at 2019-01-03 14:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 721.67 Mbit/s
95th percentile per-packet one-way delay: 188.176 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 429.92 Mbit/s
95th percentile per-packet one-way delay: 193.738 ms
Loss rate: 3.13%
-- Flow 2:
Average throughput: 303.43 Mbit/s
95th percentile per-packet one-way delay: 82.196 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 273.78 Mbit/s
95th percentile per-packet one-way delay: 97.754 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Allegro — Data Link

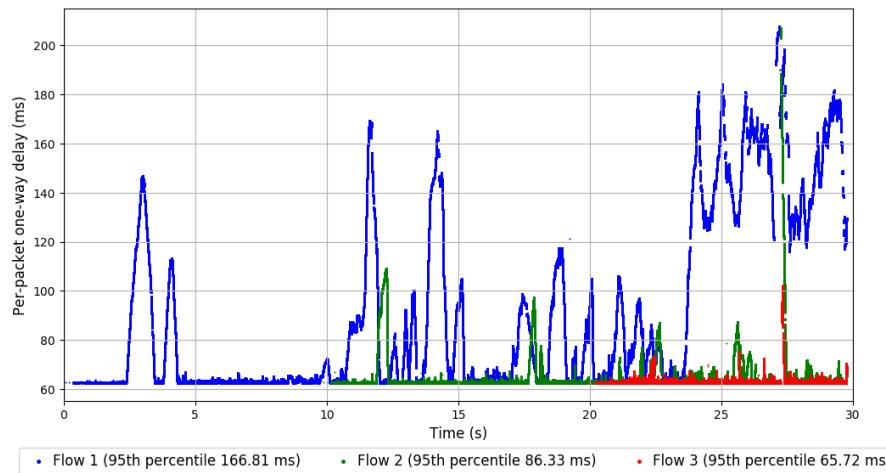
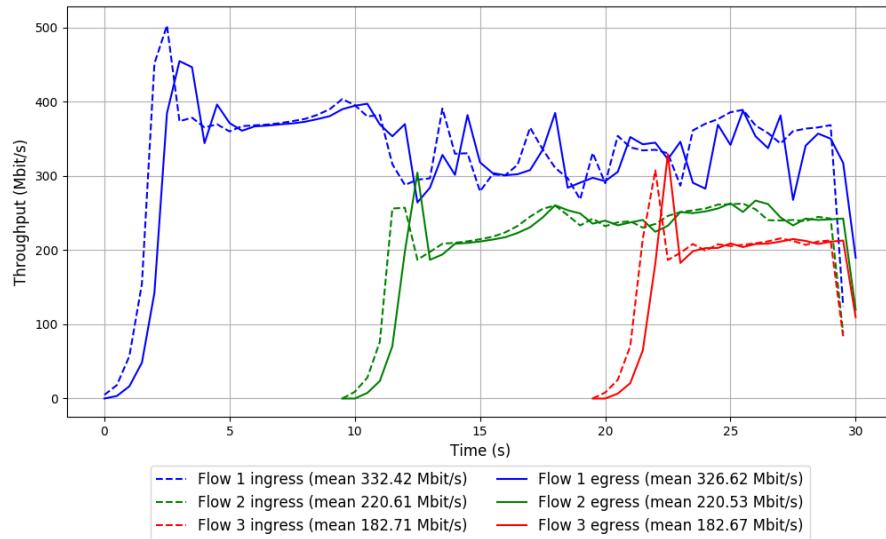


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2019-01-03 09:50:36
End at: 2019-01-03 09:51:06
Local clock offset: -0.032 ms
Remote clock offset: -0.264 ms

# Below is generated by plot.py at 2019-01-03 14:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 534.82 Mbit/s
95th percentile per-packet one-way delay: 161.417 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 326.62 Mbit/s
95th percentile per-packet one-way delay: 166.808 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 220.53 Mbit/s
95th percentile per-packet one-way delay: 86.332 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 182.67 Mbit/s
95th percentile per-packet one-way delay: 65.718 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Expr — Data Link

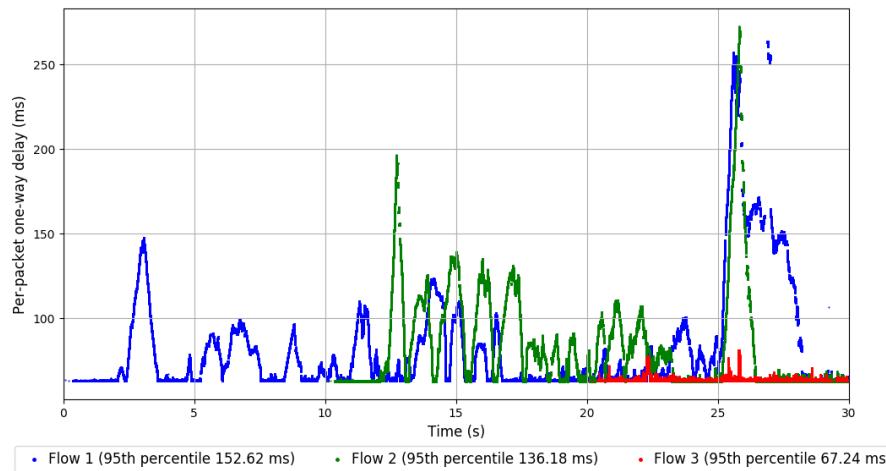
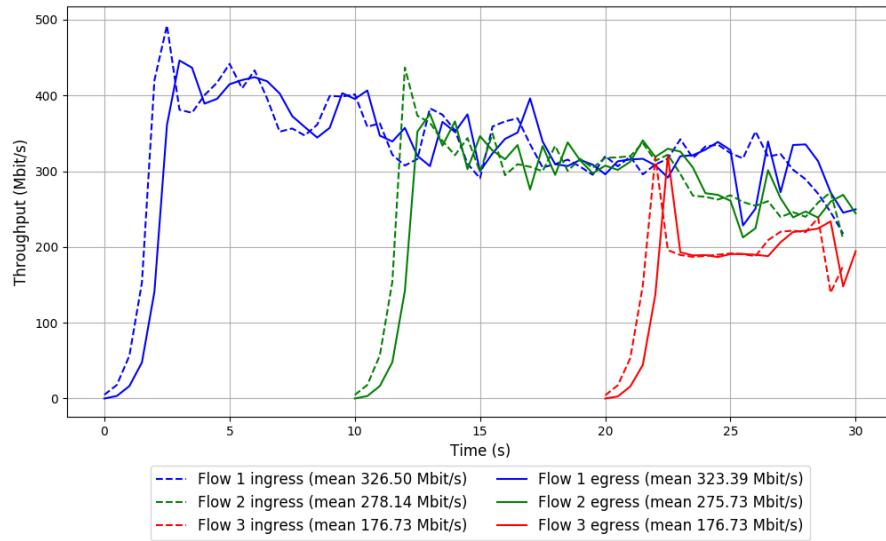


Run 2: Statistics of PCC-Expr

```
Start at: 2019-01-03 10:24:17
End at: 2019-01-03 10:24:47
Local clock offset: -0.11 ms
Remote clock offset: -0.202 ms

# Below is generated by plot.py at 2019-01-03 14:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 565.13 Mbit/s
95th percentile per-packet one-way delay: 145.247 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 323.39 Mbit/s
95th percentile per-packet one-way delay: 152.622 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 275.73 Mbit/s
95th percentile per-packet one-way delay: 136.178 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 176.73 Mbit/s
95th percentile per-packet one-way delay: 67.238 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

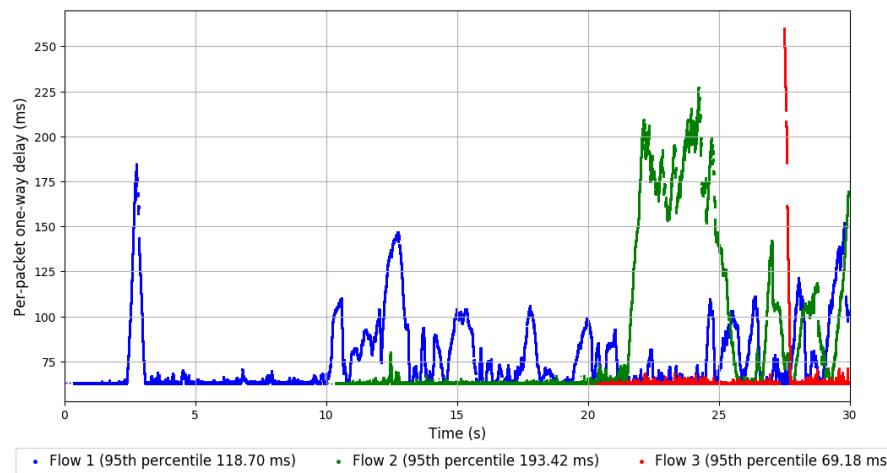
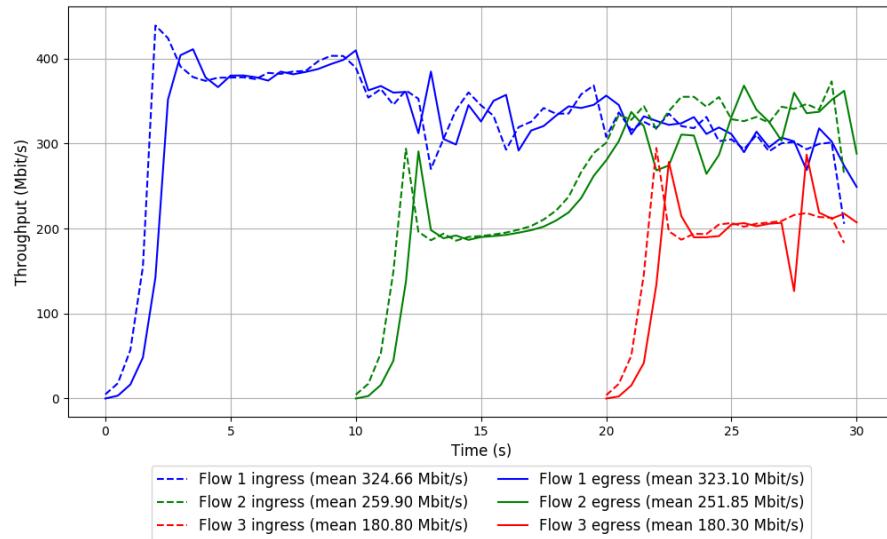


Run 3: Statistics of PCC-Expr

```
Start at: 2019-01-03 10:57:50
End at: 2019-01-03 10:58:20
Local clock offset: -0.051 ms
Remote clock offset: -0.217 ms

# Below is generated by plot.py at 2019-01-03 14:53:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 550.03 Mbit/s
95th percentile per-packet one-way delay: 165.119 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 323.10 Mbit/s
95th percentile per-packet one-way delay: 118.704 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 251.85 Mbit/s
95th percentile per-packet one-way delay: 193.422 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 180.30 Mbit/s
95th percentile per-packet one-way delay: 69.176 ms
Loss rate: 0.28%
```

Run 3: Report of PCC-Expr — Data Link

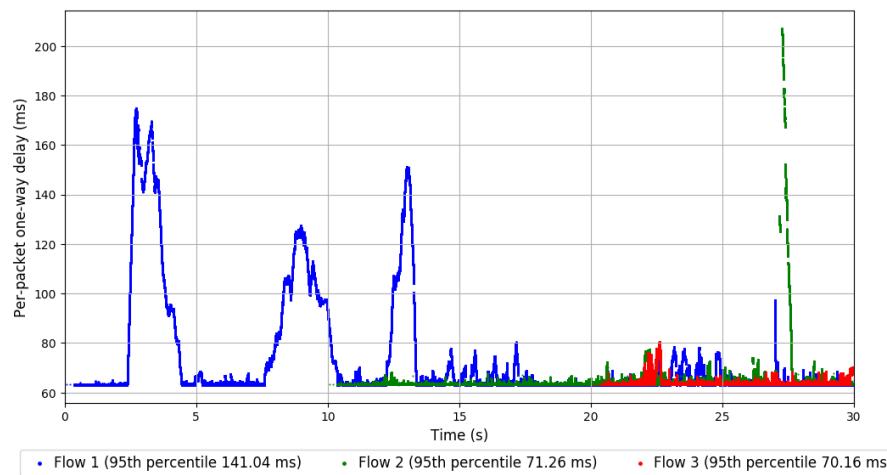
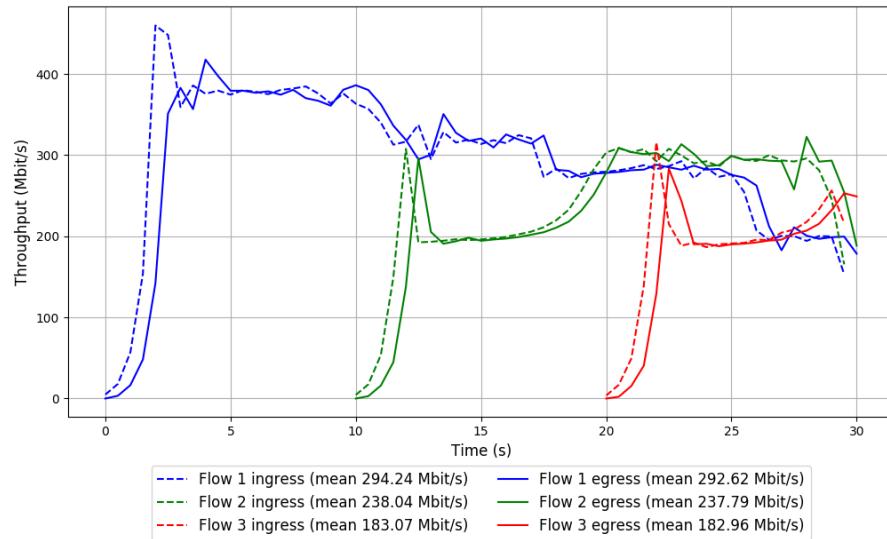


Run 4: Statistics of PCC-Expr

```
Start at: 2019-01-03 11:31:13
End at: 2019-01-03 11:31:43
Local clock offset: 0.057 ms
Remote clock offset: 0.098 ms

# Below is generated by plot.py at 2019-01-03 15:02:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 511.07 Mbit/s
95th percentile per-packet one-way delay: 122.447 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 292.62 Mbit/s
95th percentile per-packet one-way delay: 141.040 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 237.79 Mbit/s
95th percentile per-packet one-way delay: 71.261 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 182.96 Mbit/s
95th percentile per-packet one-way delay: 70.156 ms
Loss rate: 0.03%
```

Run 4: Report of PCC-Expr — Data Link

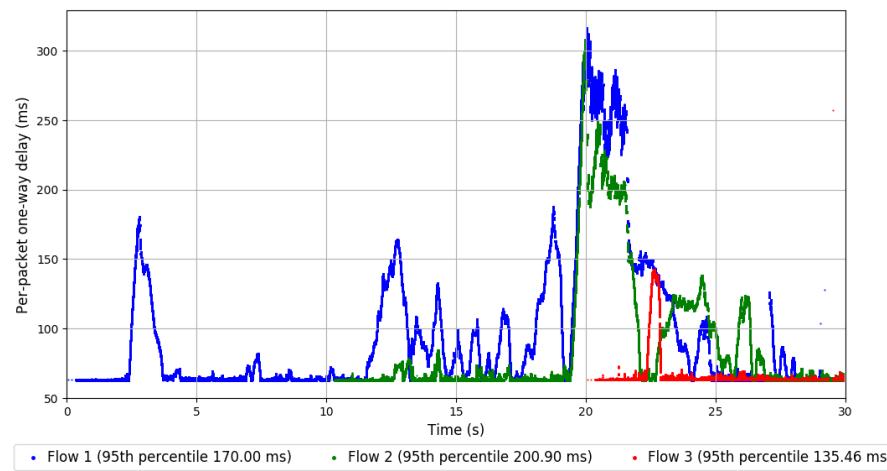
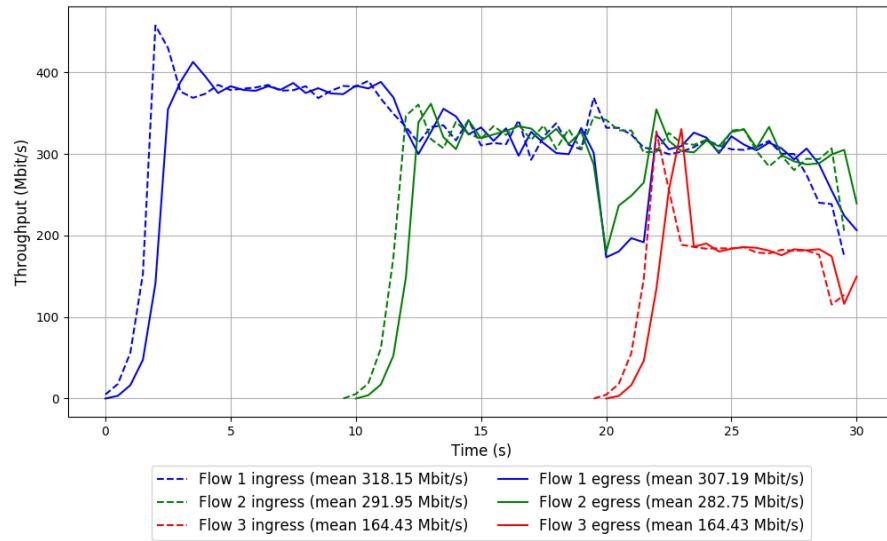


Run 5: Statistics of PCC-Expr

```
Start at: 2019-01-03 12:04:29
End at: 2019-01-03 12:04:59
Local clock offset: -0.038 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.74 Mbit/s
95th percentile per-packet one-way delay: 184.745 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 307.19 Mbit/s
95th percentile per-packet one-way delay: 170.000 ms
Loss rate: 3.45%
-- Flow 2:
Average throughput: 282.75 Mbit/s
95th percentile per-packet one-way delay: 200.900 ms
Loss rate: 3.15%
-- Flow 3:
Average throughput: 164.43 Mbit/s
95th percentile per-packet one-way delay: 135.456 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Expr — Data Link

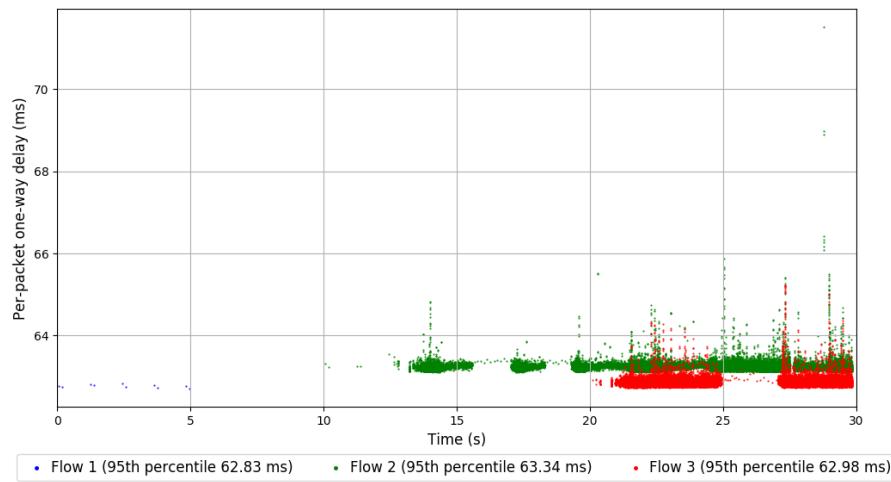
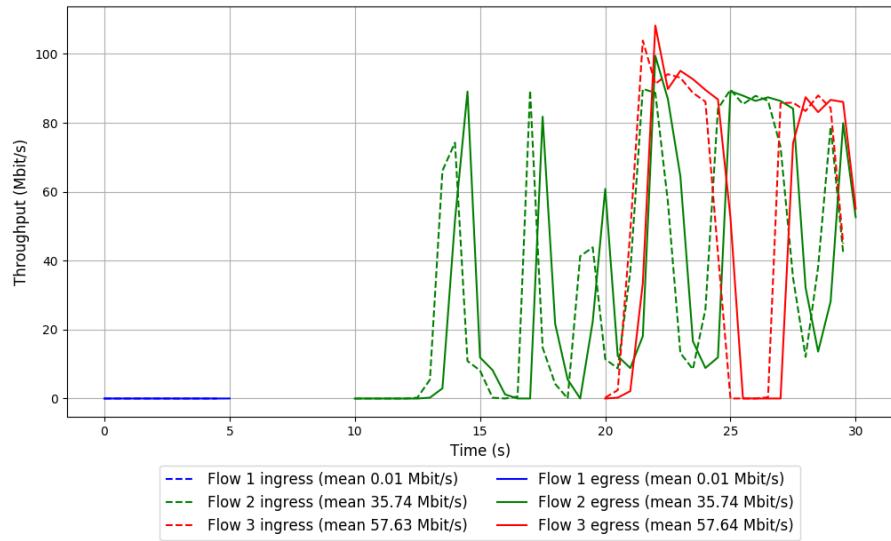


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-01-03 09:47:30
End at: 2019-01-03 09:48:00
Local clock offset: -0.012 ms
Remote clock offset: -0.075 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.60 Mbit/s
95th percentile per-packet one-way delay: 63.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 62.827 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 63.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 62.981 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

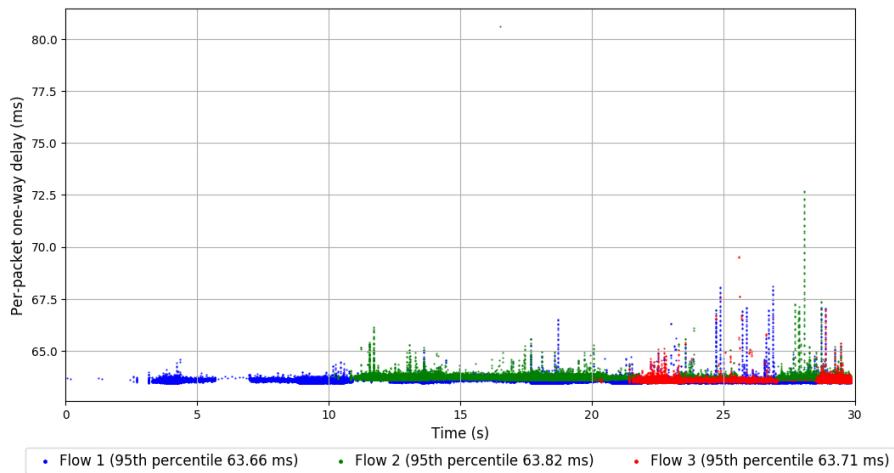
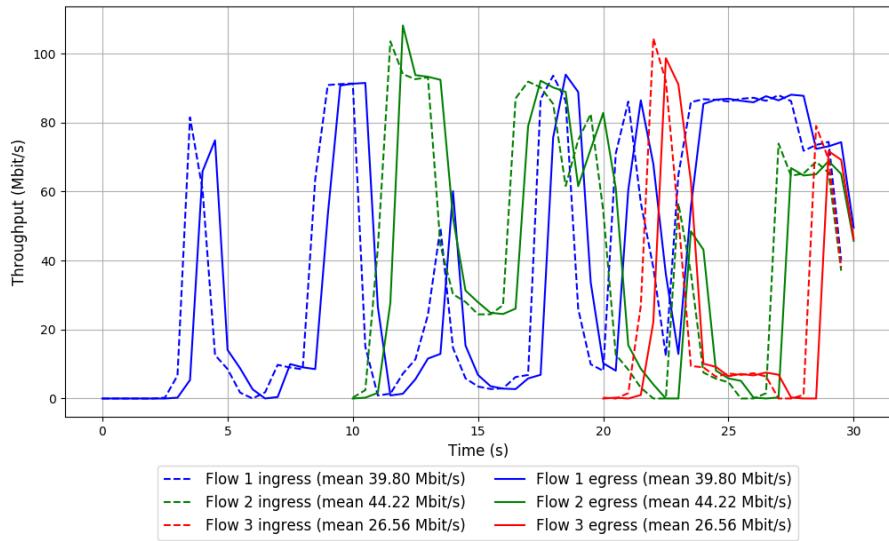


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-01-03 10:21:09
End at: 2019-01-03 10:21:39
Local clock offset: -0.12 ms
Remote clock offset: 0.774 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 63.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.80 Mbit/s
95th percentile per-packet one-way delay: 63.655 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 63.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.56 Mbit/s
95th percentile per-packet one-way delay: 63.707 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

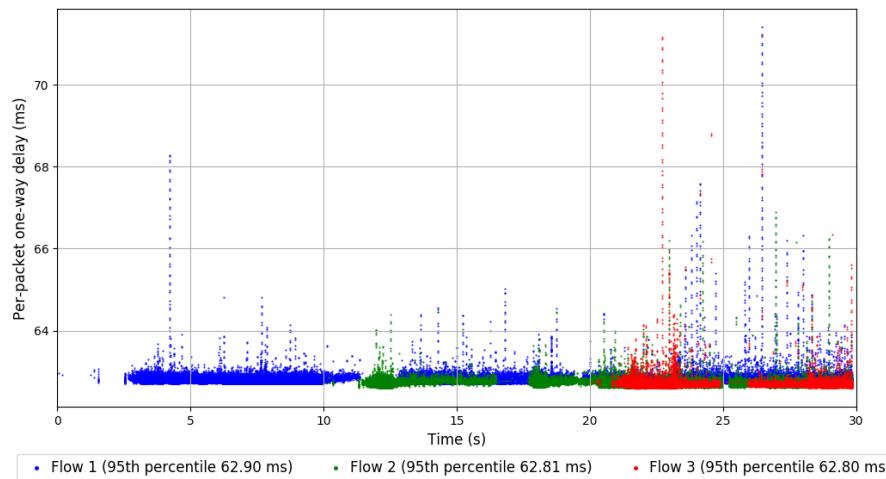
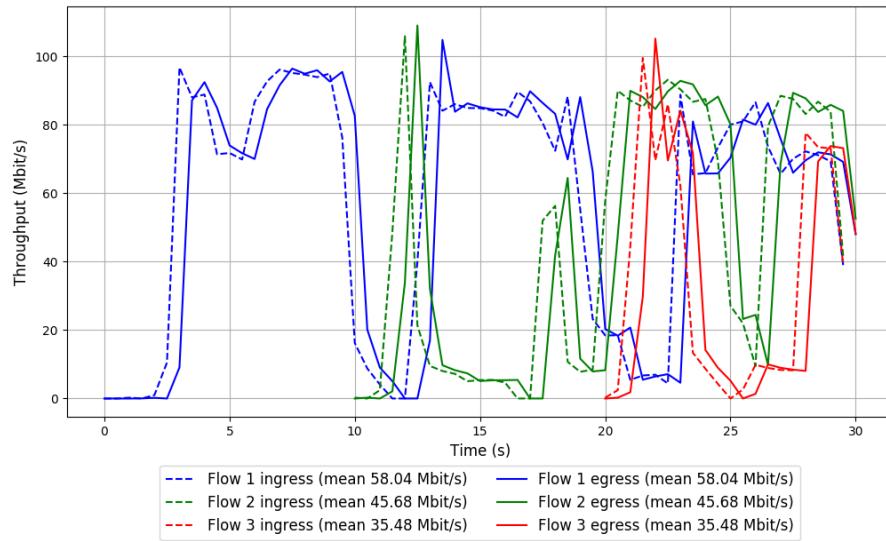


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-01-03 10:54:40
End at: 2019-01-03 10:55:11
Local clock offset: -0.026 ms
Remote clock offset: -0.165 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.01 Mbit/s
95th percentile per-packet one-way delay: 62.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 62.901 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.68 Mbit/s
95th percentile per-packet one-way delay: 62.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 62.801 ms
Loss rate: 0.00%
```

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

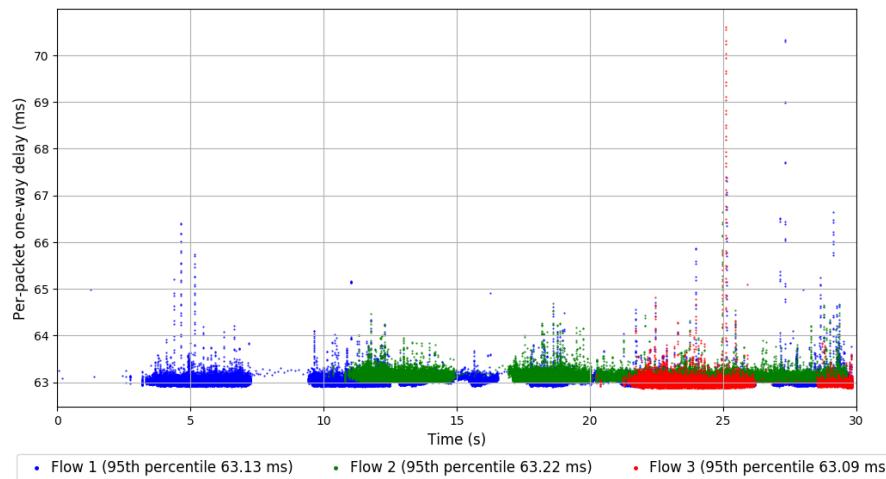
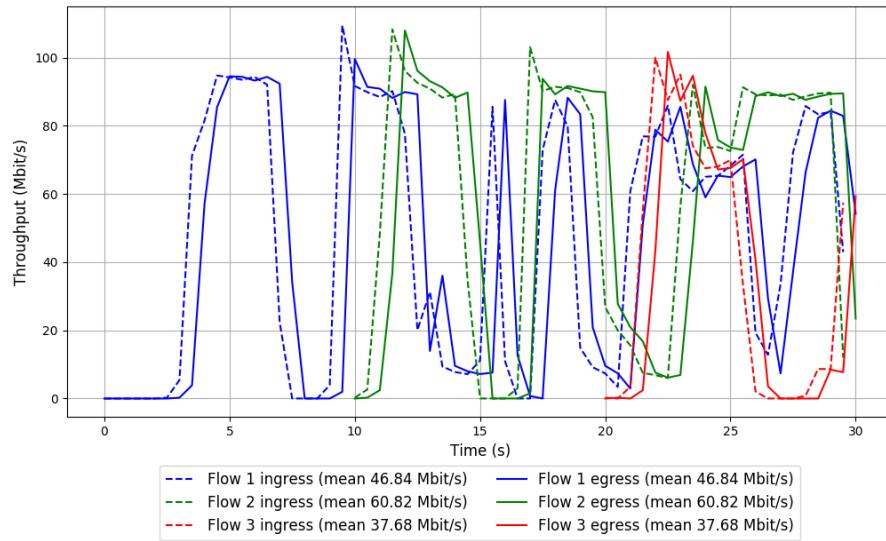


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-01-03 11:28:03
End at: 2019-01-03 11:28:33
Local clock offset: 0.009 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.10 Mbit/s
95th percentile per-packet one-way delay: 63.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 63.134 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 63.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 63.085 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

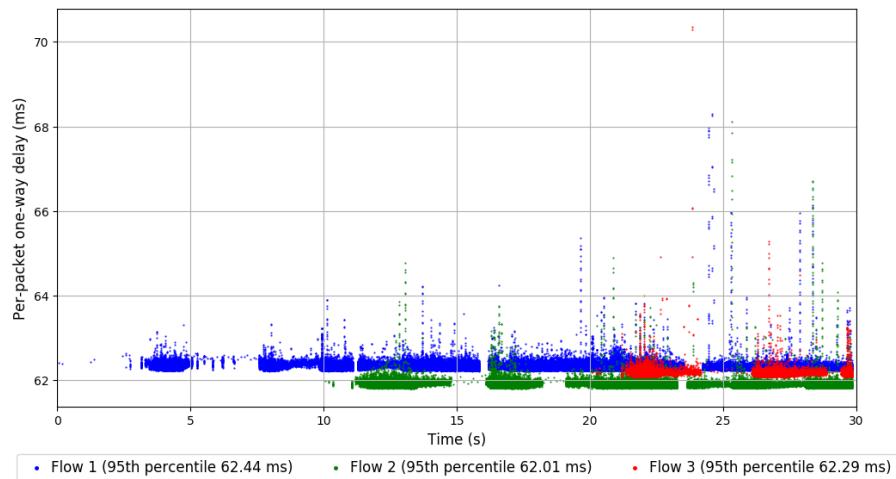
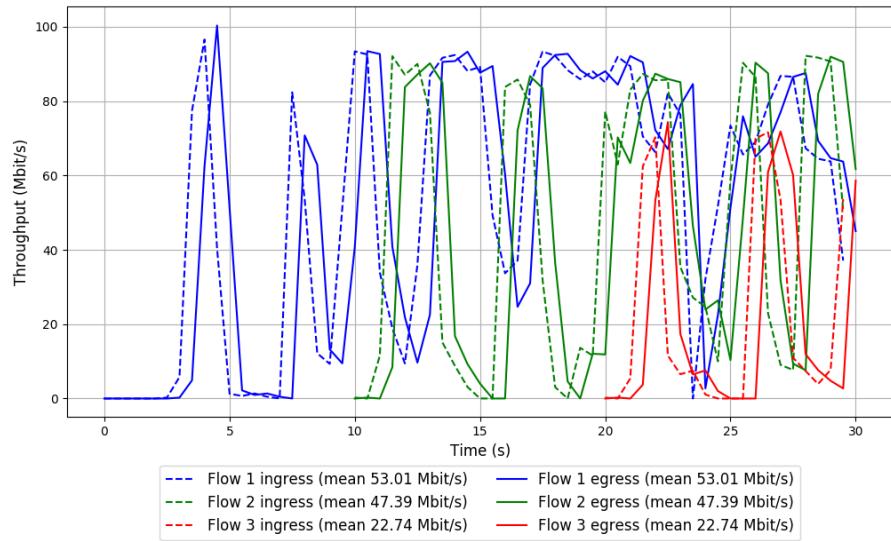


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-01-03 12:01:21
End at: 2019-01-03 12:01:51
Local clock offset: 0.025 ms
Remote clock offset: -0.763 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 62.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.01 Mbit/s
95th percentile per-packet one-way delay: 62.436 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 62.014 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 62.286 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

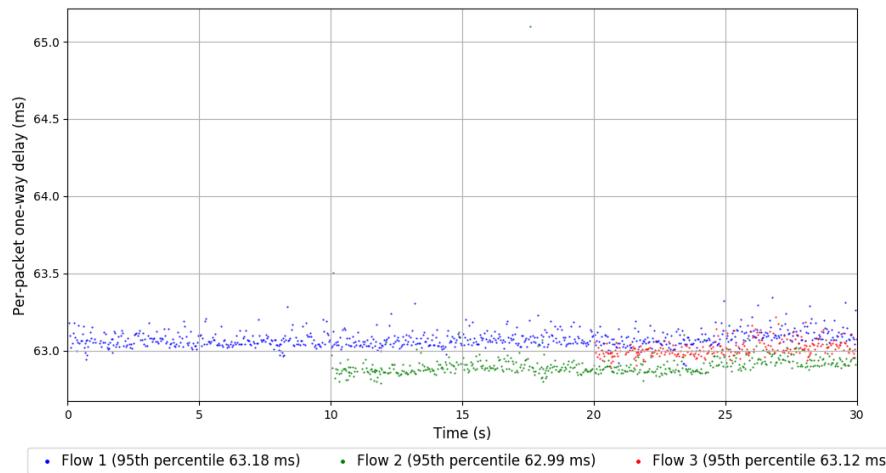
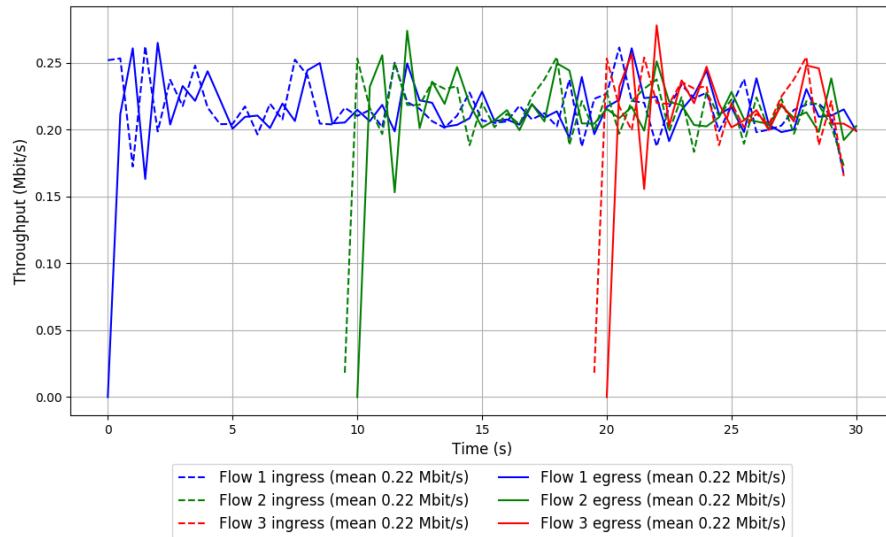


Run 1: Statistics of SCReAM

```
Start at: 2019-01-03 09:44:15
End at: 2019-01-03 09:44:45
Local clock offset: -0.061 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 63.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.176 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.993 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.117 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

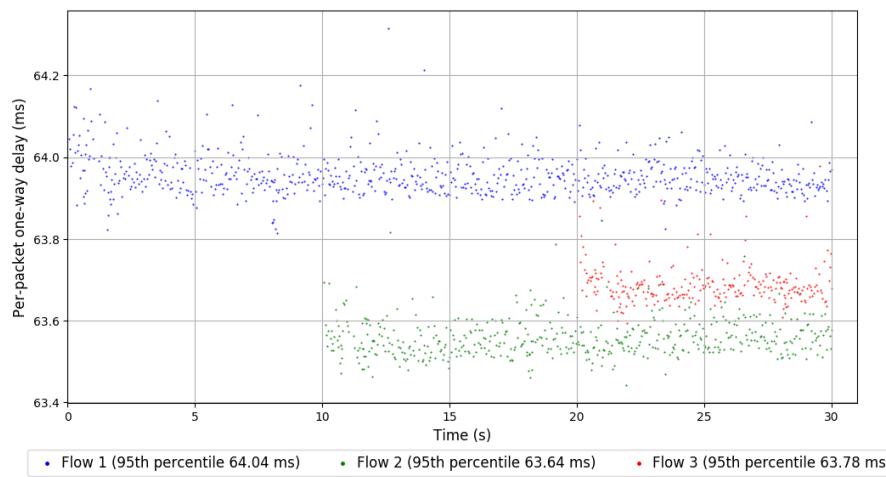
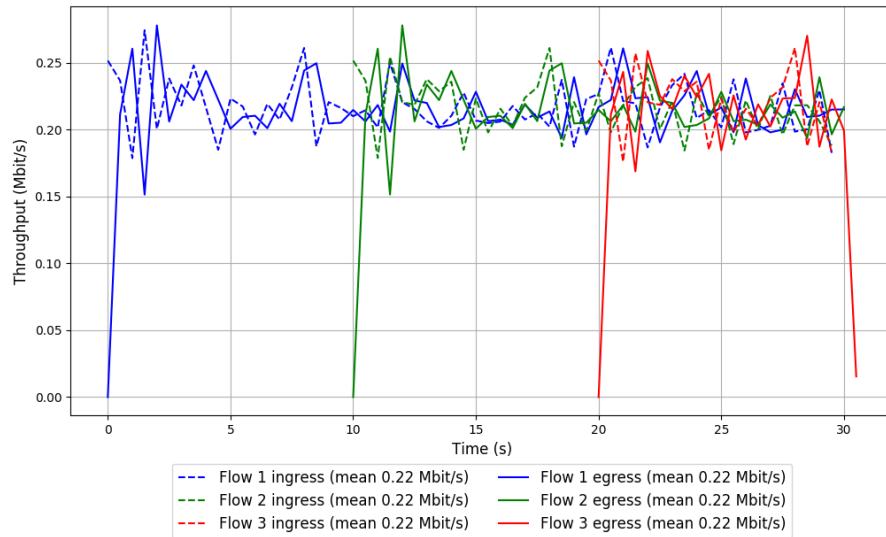


Run 2: Statistics of SCReAM

```
Start at: 2019-01-03 10:18:00
End at: 2019-01-03 10:18:30
Local clock offset: -0.117 ms
Remote clock offset: 0.47 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 64.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.044 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.640 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.780 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

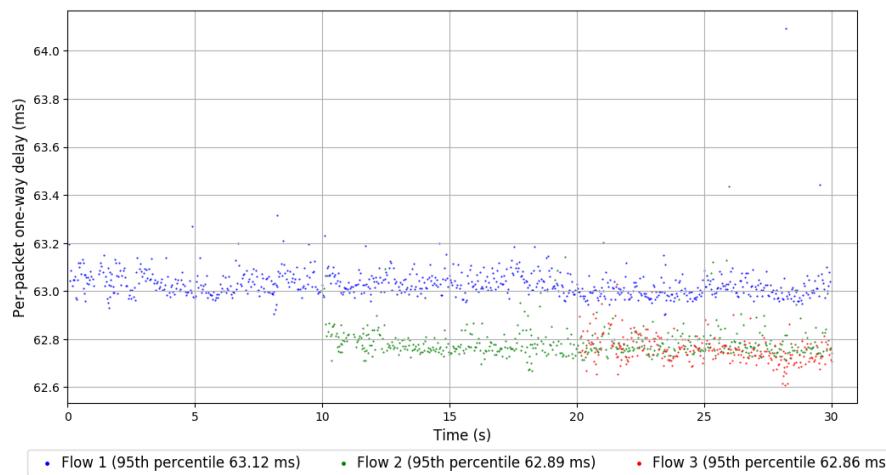
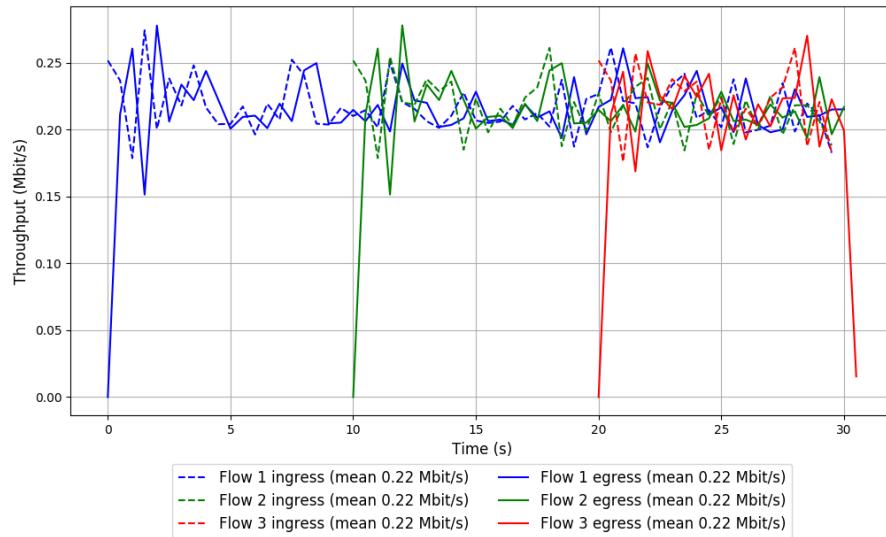


Run 3: Statistics of SCReAM

```
Start at: 2019-01-03 10:51:23
End at: 2019-01-03 10:51:53
Local clock offset: -0.033 ms
Remote clock offset: -0.25 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 63.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.889 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.863 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

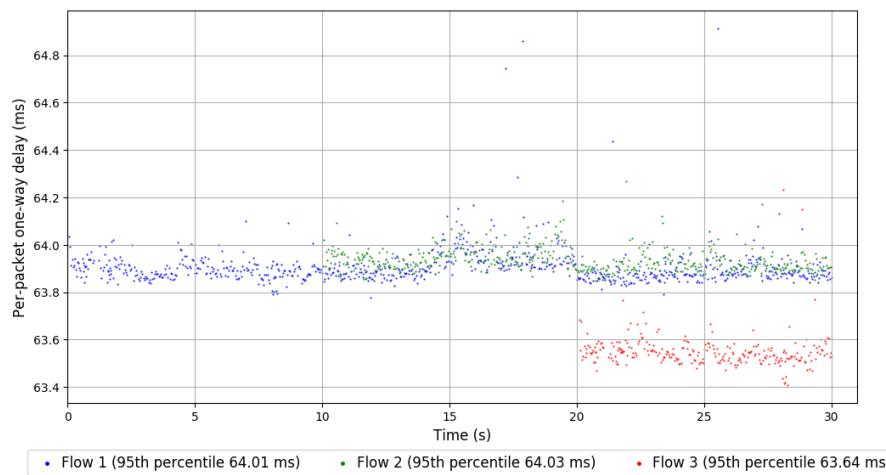
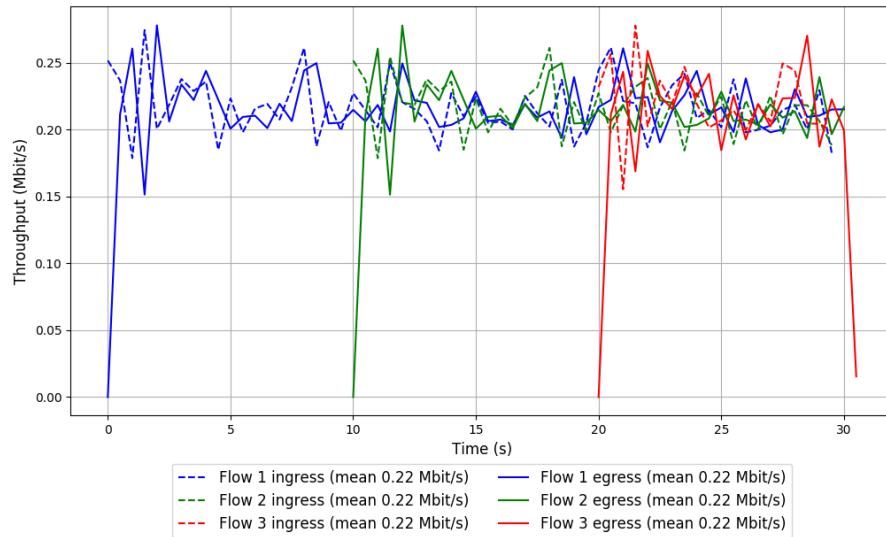


Run 4: Statistics of SCReAM

```
Start at: 2019-01-03 11:24:42
End at: 2019-01-03 11:25:12
Local clock offset: 0.021 ms
Remote clock offset: 0.502 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 64.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.010 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.643 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

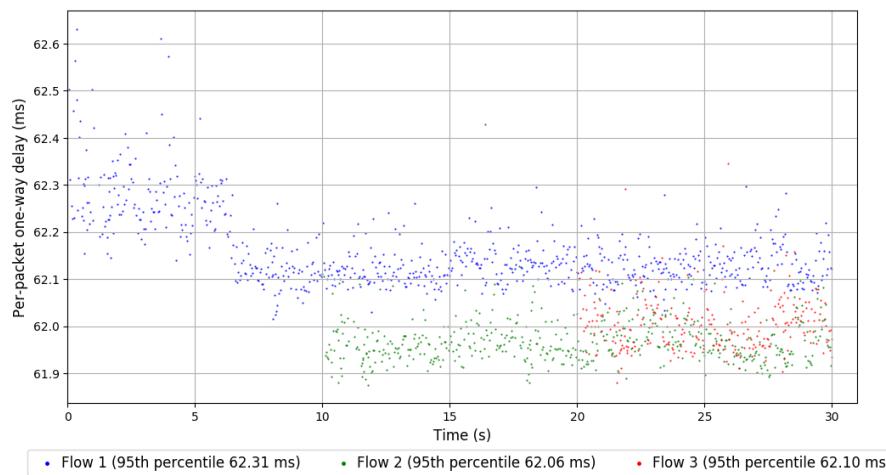
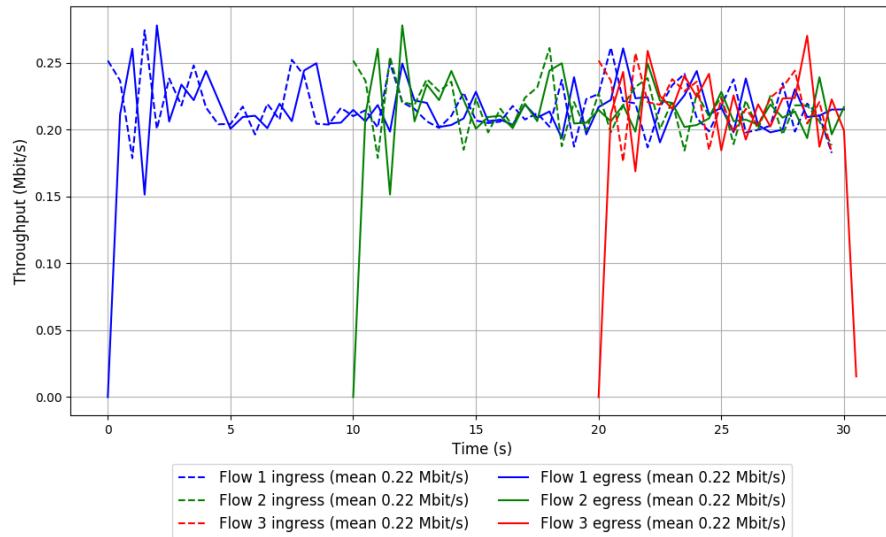


Run 5: Statistics of SCReAM

```
Start at: 2019-01-03 11:58:01
End at: 2019-01-03 11:58:31
Local clock offset: -0.013 ms
Remote clock offset: -0.919 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.313 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.104 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

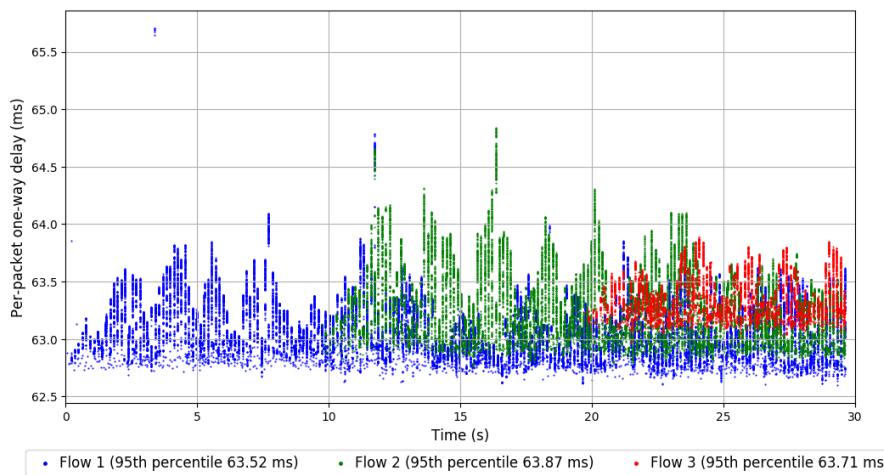
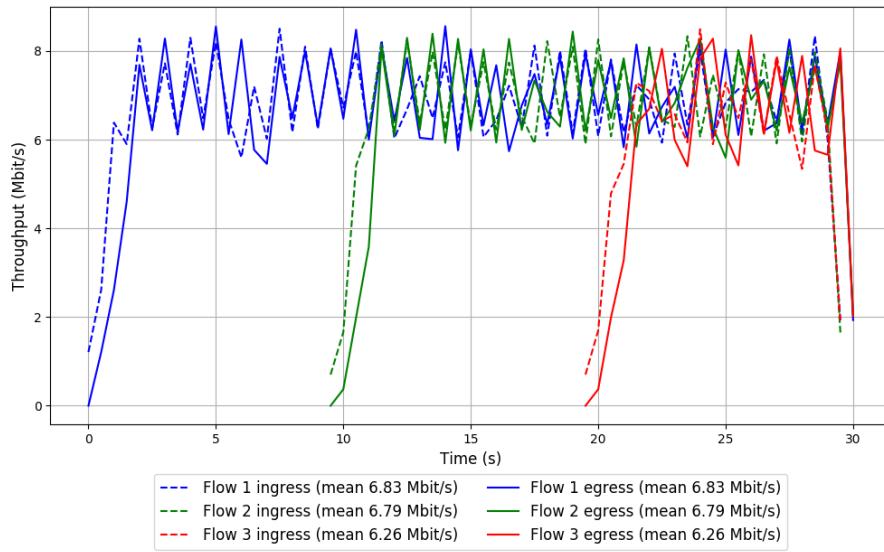


Run 1: Statistics of Sprout

```
Start at: 2019-01-03 09:26:49
End at: 2019-01-03 09:27:19
Local clock offset: -0.065 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.49 Mbit/s
95th percentile per-packet one-way delay: 63.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 63.524 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 63.867 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 63.707 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

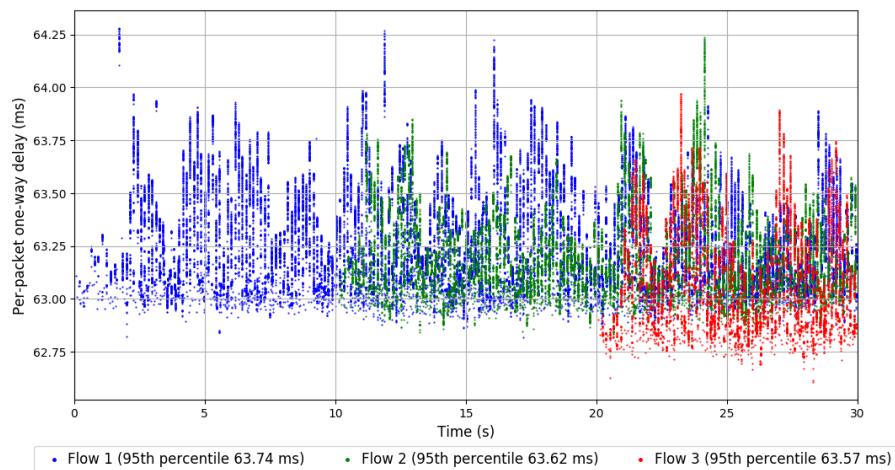
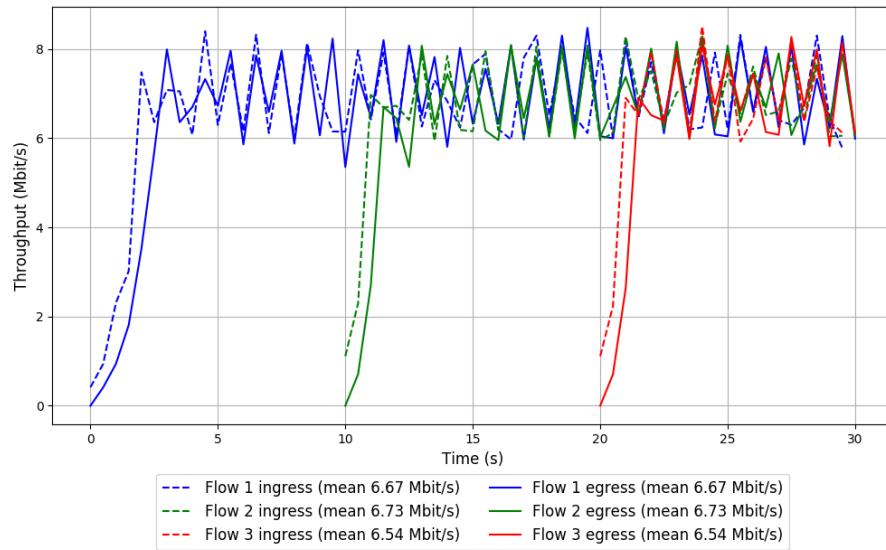


Run 2: Statistics of Sprout

```
Start at: 2019-01-03 09:59:44
End at: 2019-01-03 10:00:14
Local clock offset: -0.043 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 63.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 63.736 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 63.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 63.566 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

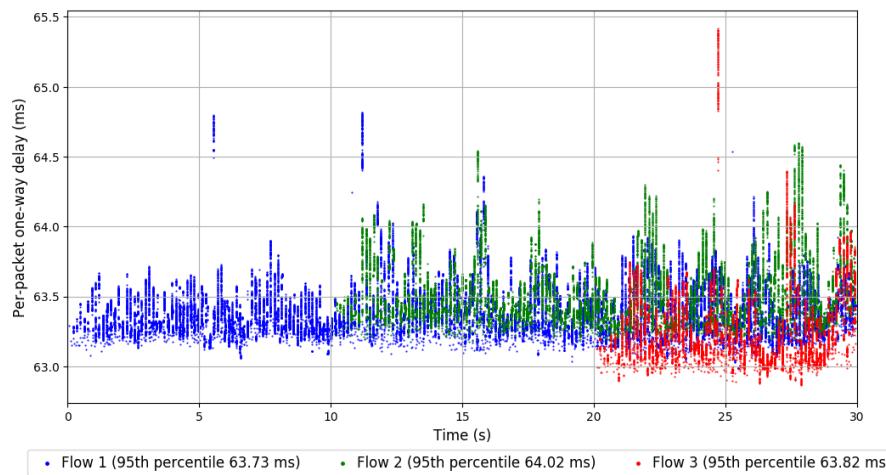
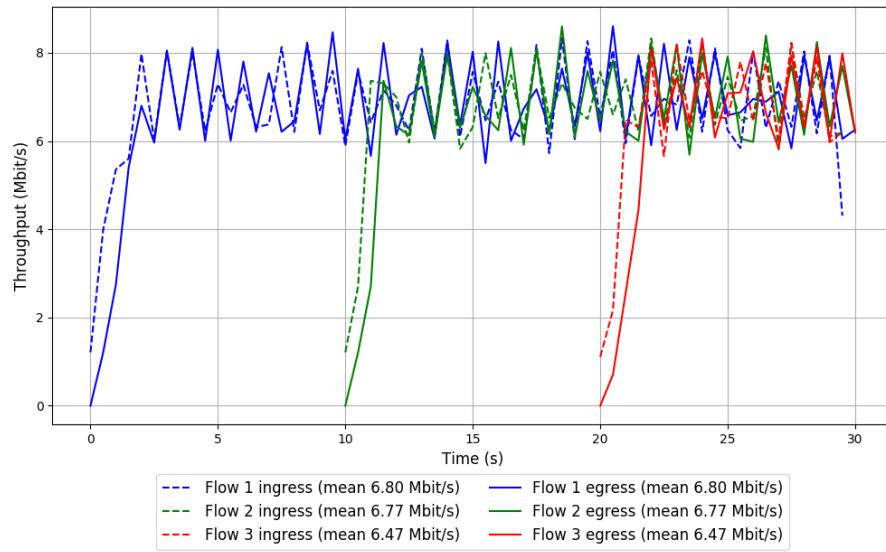


Run 3: Statistics of Sprout

```
Start at: 2019-01-03 10:33:27
End at: 2019-01-03 10:33:57
Local clock offset: -0.069 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 63.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.80 Mbit/s
95th percentile per-packet one-way delay: 63.735 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 64.016 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 63.823 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

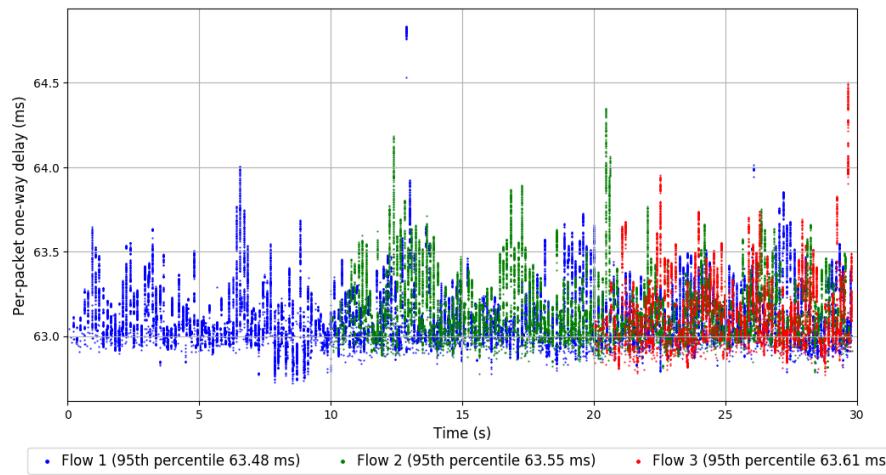
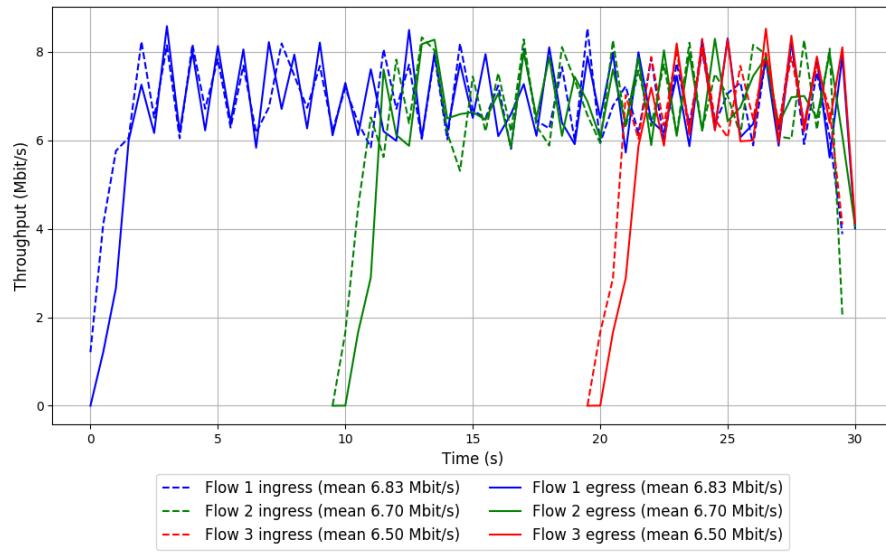


Run 4: Statistics of Sprout

```
Start at: 2019-01-03 11:06:53
End at: 2019-01-03 11:07:23
Local clock offset: 0.001 ms
Remote clock offset: -0.184 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 63.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 63.484 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 63.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 63.612 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

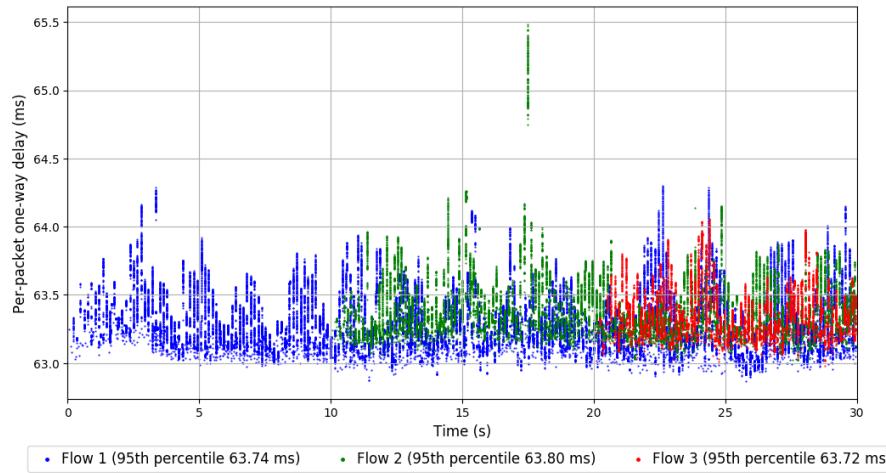
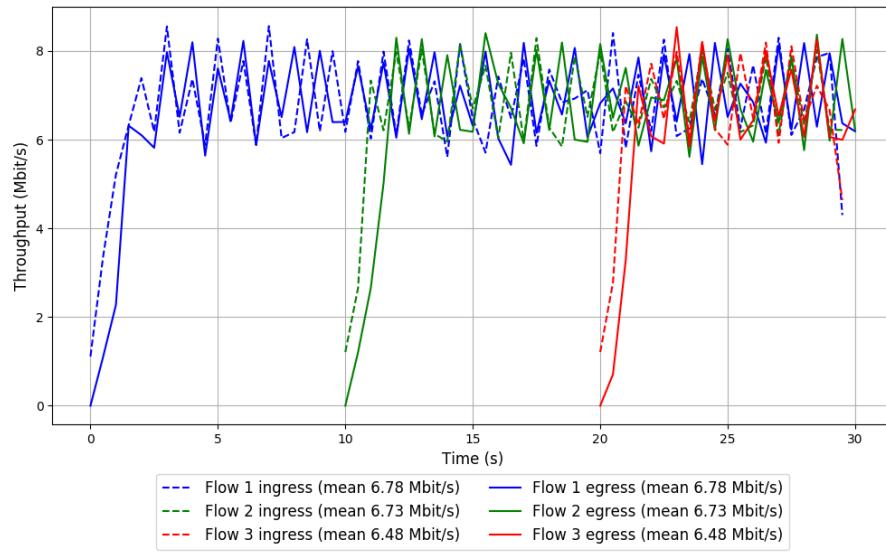


Run 5: Statistics of Sprout

```
Start at: 2019-01-03 11:40:17
End at: 2019-01-03 11:40:47
Local clock offset: -0.003 ms
Remote clock offset: 0.002 ms

# Below is generated by plot.py at 2019-01-03 15:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 63.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 63.739 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 63.800 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 63.723 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

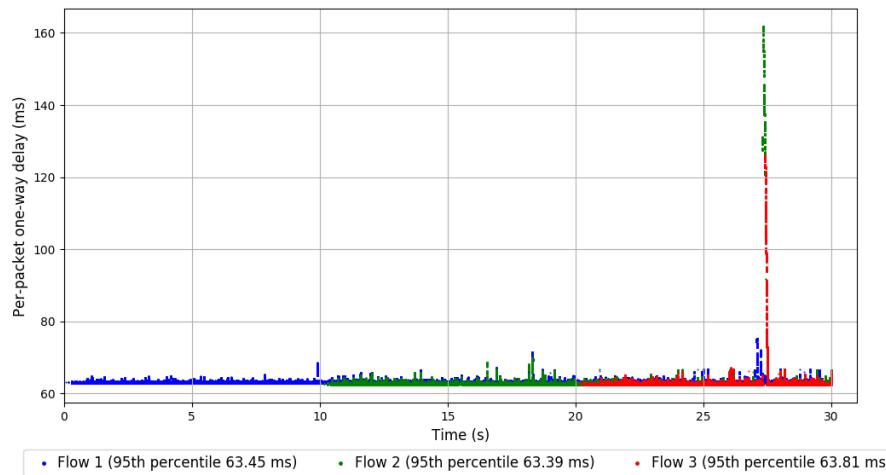
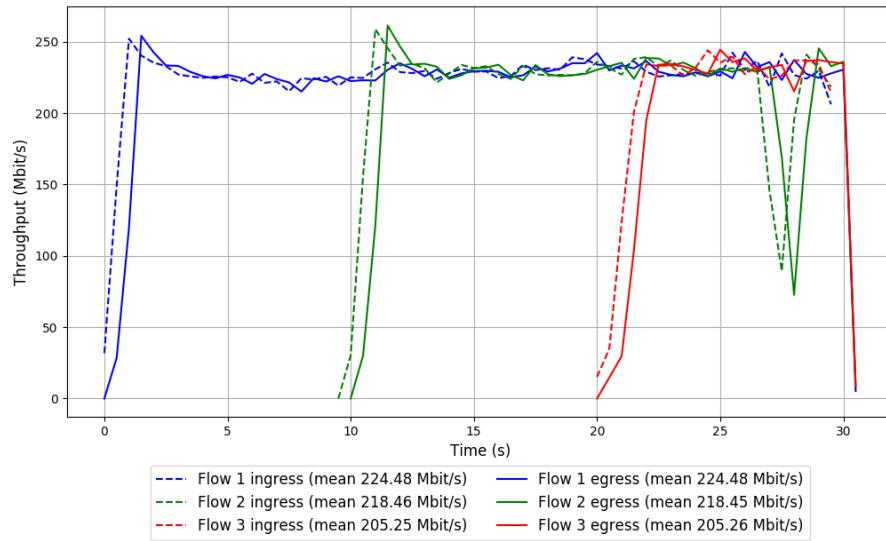


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-01-03 09:54:24
End at: 2019-01-03 09:54:54
Local clock offset: -0.057 ms
Remote clock offset: -0.375 ms

# Below is generated by plot.py at 2019-01-03 15:12:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 438.28 Mbit/s
95th percentile per-packet one-way delay: 63.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.48 Mbit/s
95th percentile per-packet one-way delay: 63.447 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 218.45 Mbit/s
95th percentile per-packet one-way delay: 63.392 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 205.26 Mbit/s
95th percentile per-packet one-way delay: 63.807 ms
Loss rate: 0.00%
```

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

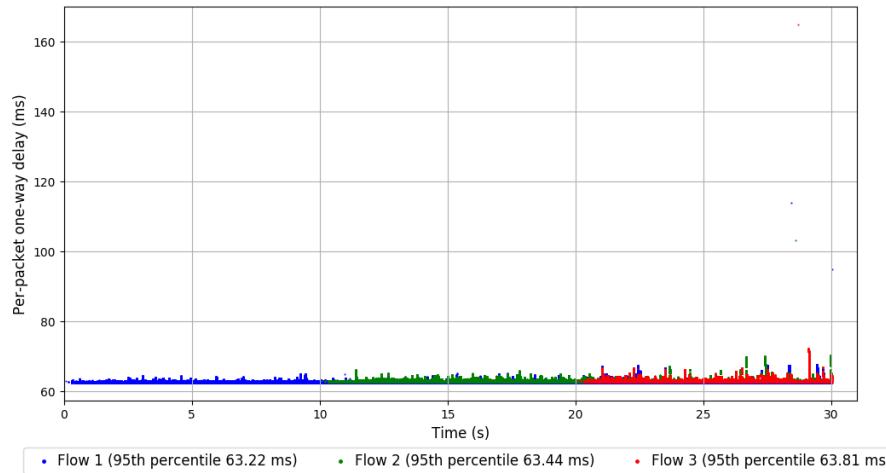
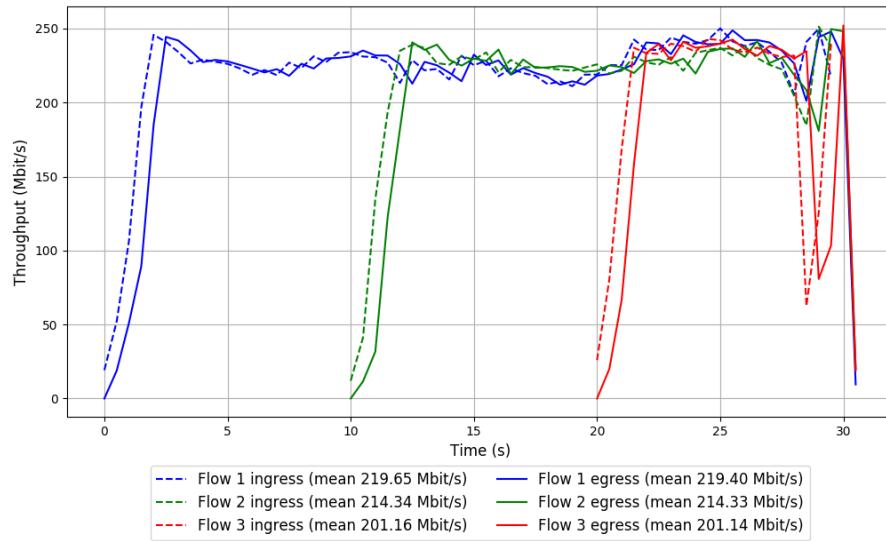


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-01-03 10:28:13
End at: 2019-01-03 10:28:43
Local clock offset: -0.129 ms
Remote clock offset: -0.45 ms

# Below is generated by plot.py at 2019-01-03 15:12:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 428.92 Mbit/s
95th percentile per-packet one-way delay: 63.415 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 219.40 Mbit/s
95th percentile per-packet one-way delay: 63.223 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 214.33 Mbit/s
95th percentile per-packet one-way delay: 63.438 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.14 Mbit/s
95th percentile per-packet one-way delay: 63.811 ms
Loss rate: 0.00%
```

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

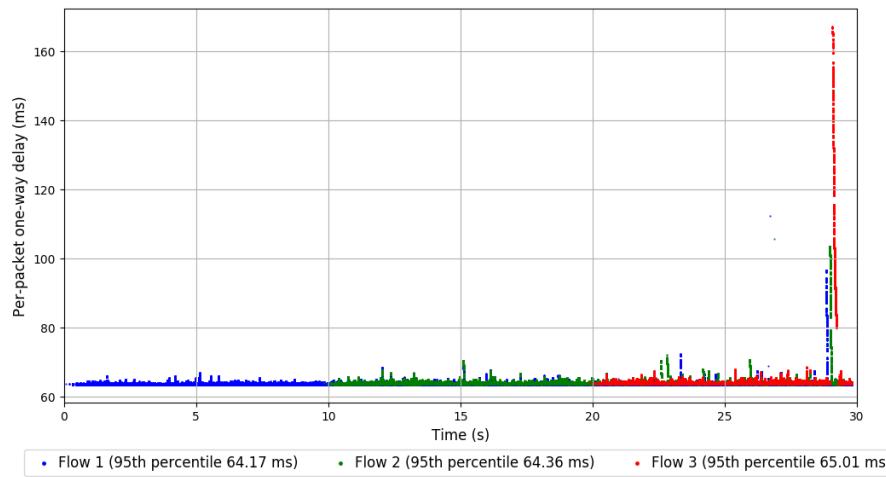
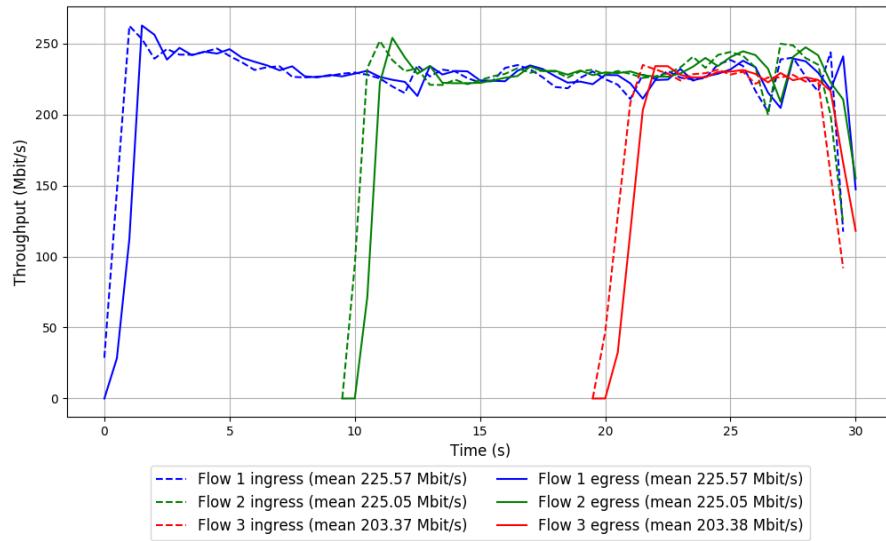


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-01-03 11:01:42
End at: 2019-01-03 11:02:12
Local clock offset: -0.04 ms
Remote clock offset: 0.637 ms

# Below is generated by plot.py at 2019-01-03 15:13:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 444.71 Mbit/s
95th percentile per-packet one-way delay: 64.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 225.57 Mbit/s
95th percentile per-packet one-way delay: 64.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 225.05 Mbit/s
95th percentile per-packet one-way delay: 64.365 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 203.38 Mbit/s
95th percentile per-packet one-way delay: 65.009 ms
Loss rate: 0.00%
```

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

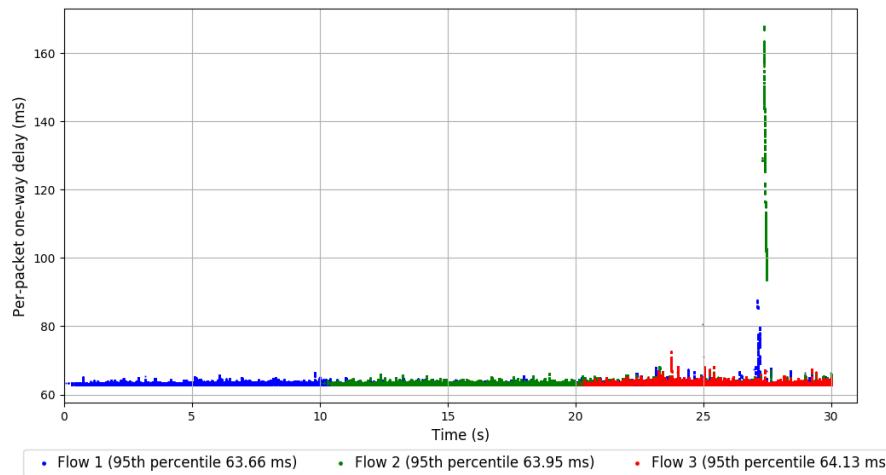
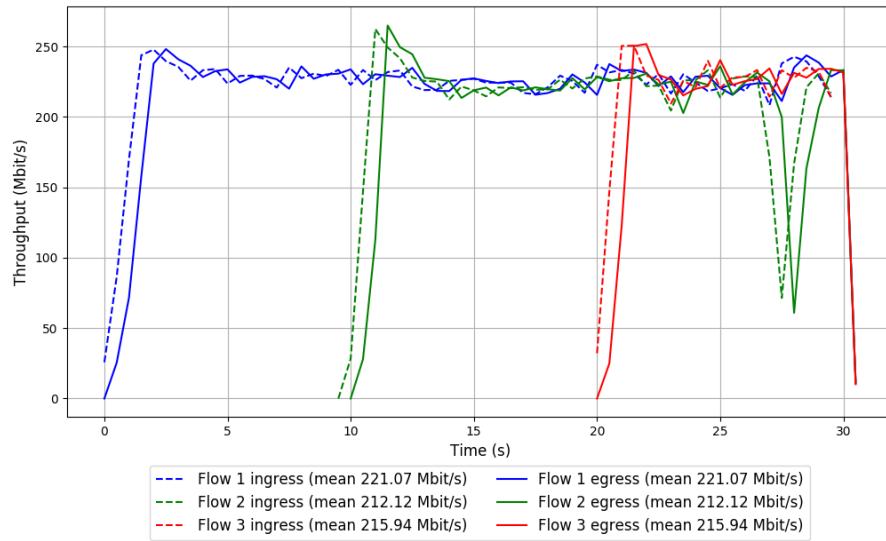


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-01-03 11:35:03
End at: 2019-01-03 11:35:33
Local clock offset: 0.059 ms
Remote clock offset: 0.06 ms

# Below is generated by plot.py at 2019-01-03 15:13:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.17 Mbit/s
95th percentile per-packet one-way delay: 63.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.07 Mbit/s
95th percentile per-packet one-way delay: 63.660 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 212.12 Mbit/s
95th percentile per-packet one-way delay: 63.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 215.94 Mbit/s
95th percentile per-packet one-way delay: 64.130 ms
Loss rate: 0.00%
```

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

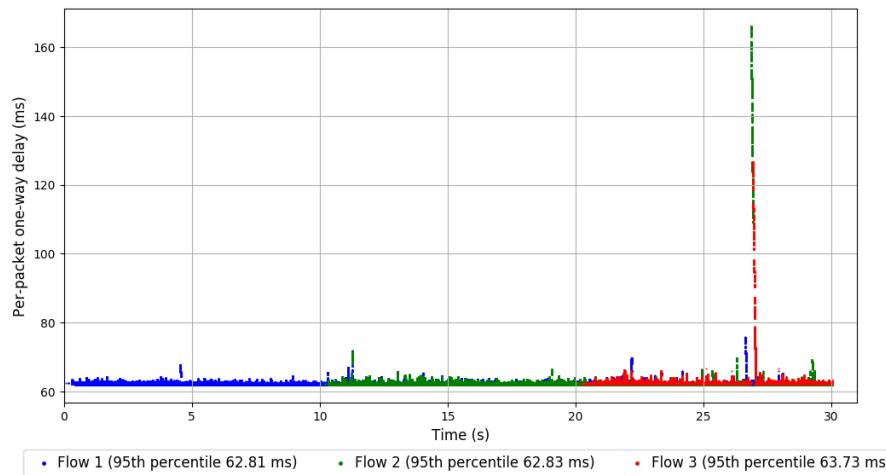
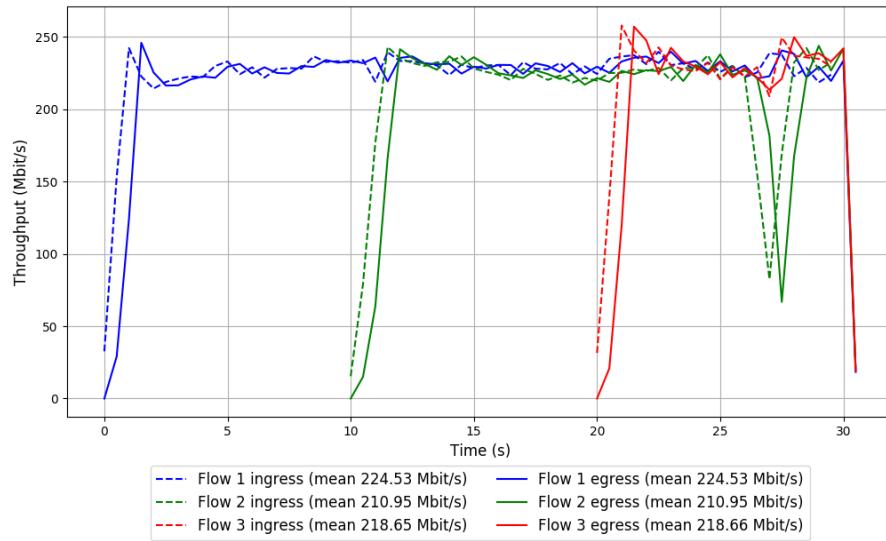


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-01-03 12:08:22
End at: 2019-01-03 12:08:52
Local clock offset: -0.002 ms
Remote clock offset: -0.773 ms

# Below is generated by plot.py at 2019-01-03 15:13:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 437.68 Mbit/s
95th percentile per-packet one-way delay: 62.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.53 Mbit/s
95th percentile per-packet one-way delay: 62.806 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 210.95 Mbit/s
95th percentile per-packet one-way delay: 62.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 218.66 Mbit/s
95th percentile per-packet one-way delay: 63.733 ms
Loss rate: 0.00%
```

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

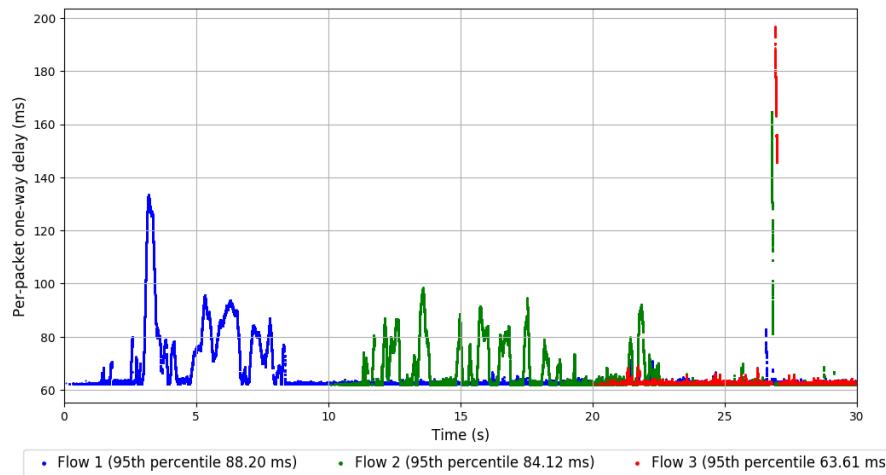
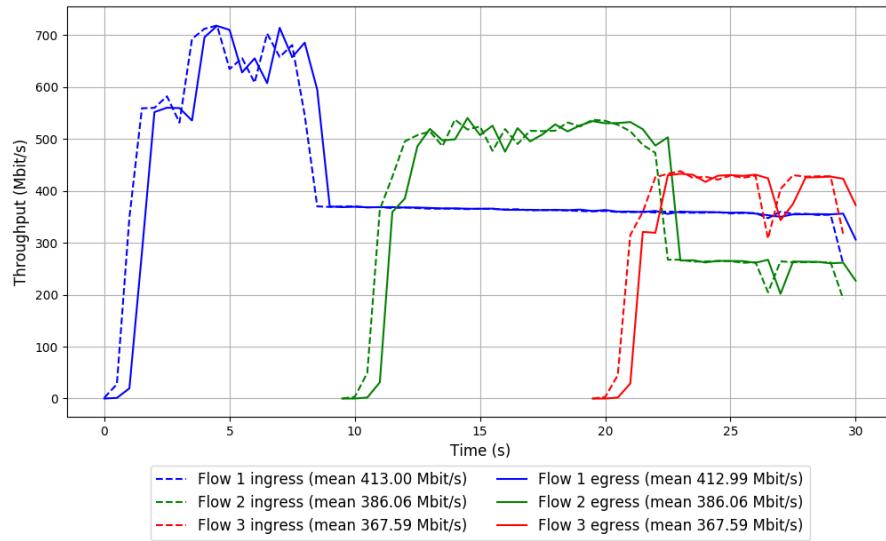


Run 1: Statistics of TCP Vegas

```
Start at: 2019-01-03 09:40:16
End at: 2019-01-03 09:40:46
Local clock offset: -0.013 ms
Remote clock offset: -0.668 ms

# Below is generated by plot.py at 2019-01-03 15:13:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 793.50 Mbit/s
95th percentile per-packet one-way delay: 85.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 412.99 Mbit/s
95th percentile per-packet one-way delay: 88.205 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 386.06 Mbit/s
95th percentile per-packet one-way delay: 84.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 367.59 Mbit/s
95th percentile per-packet one-way delay: 63.612 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

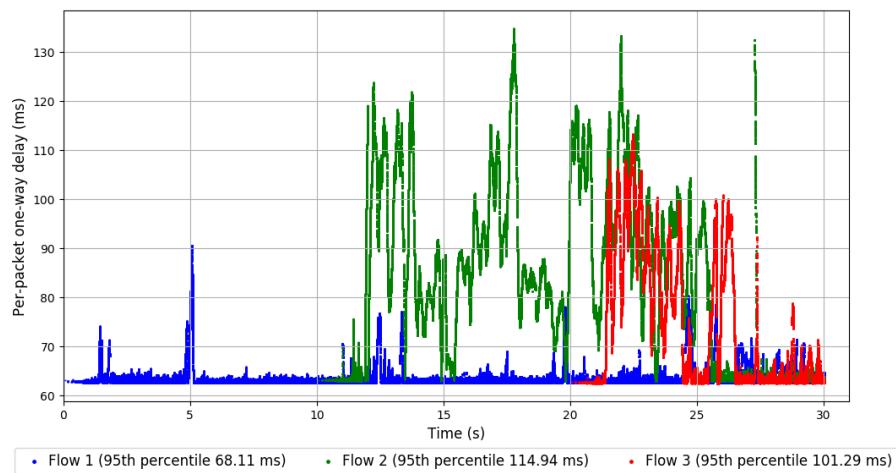
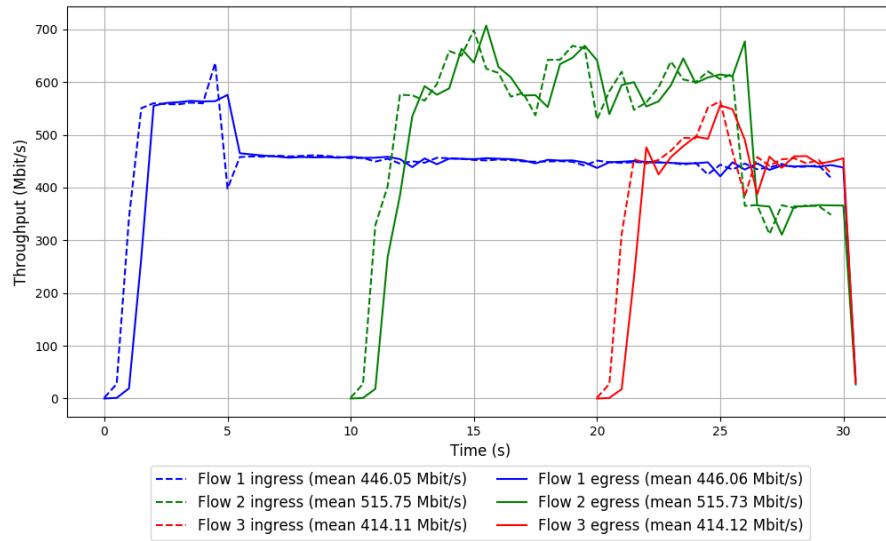


Run 2: Statistics of TCP Vegas

```
Start at: 2019-01-03 10:13:52
End at: 2019-01-03 10:14:22
Local clock offset: -0.097 ms
Remote clock offset: -0.217 ms

# Below is generated by plot.py at 2019-01-03 15:26:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.20 Mbit/s
95th percentile per-packet one-way delay: 107.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 446.06 Mbit/s
95th percentile per-packet one-way delay: 68.105 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 515.73 Mbit/s
95th percentile per-packet one-way delay: 114.940 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 414.12 Mbit/s
95th percentile per-packet one-way delay: 101.290 ms
Loss rate: 0.00%
```

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

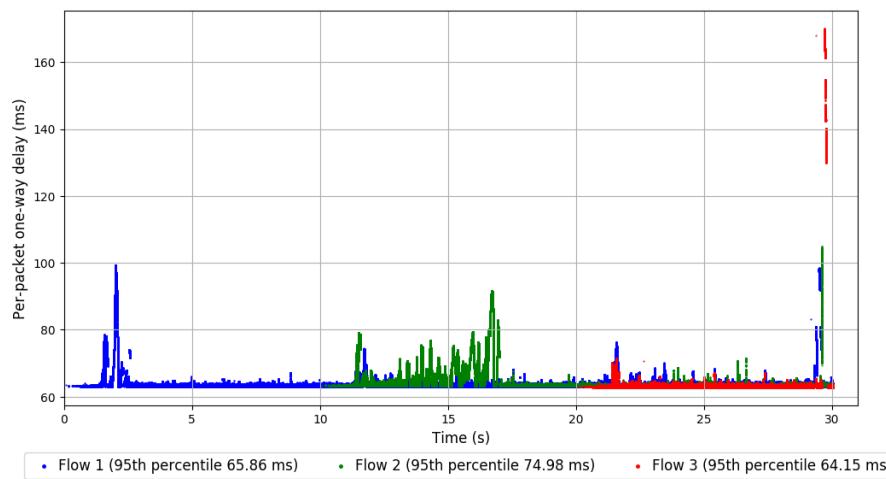
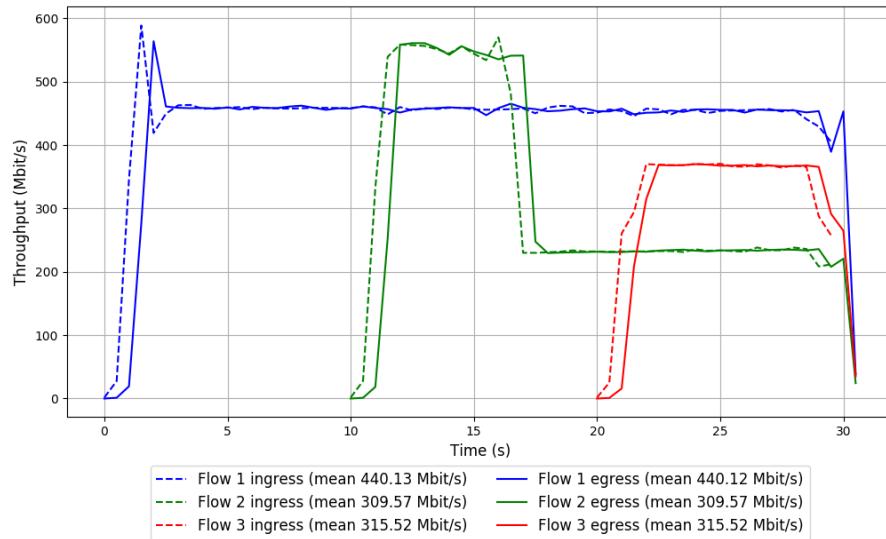


Run 3: Statistics of TCP Vegas

```
Start at: 2019-01-03 10:47:26
End at: 2019-01-03 10:47:56
Local clock offset: -0.029 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2019-01-03 15:26:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 751.13 Mbit/s
95th percentile per-packet one-way delay: 69.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 440.12 Mbit/s
95th percentile per-packet one-way delay: 65.858 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 309.57 Mbit/s
95th percentile per-packet one-way delay: 74.980 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 315.52 Mbit/s
95th percentile per-packet one-way delay: 64.146 ms
Loss rate: 0.00%
```

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

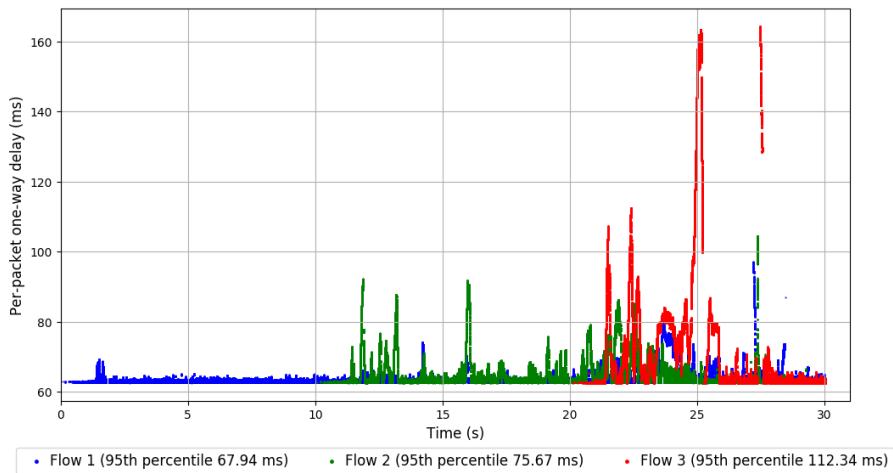
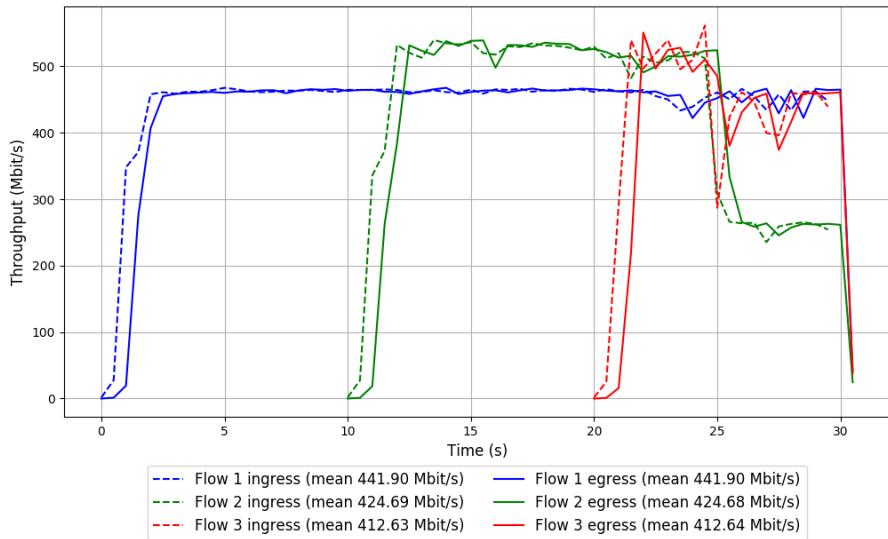


Run 4: Statistics of TCP Vegas

```
Start at: 2019-01-03 11:20:37
End at: 2019-01-03 11:21:07
Local clock offset: 0.014 ms
Remote clock offset: -0.331 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 861.77 Mbit/s
95th percentile per-packet one-way delay: 78.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 441.90 Mbit/s
95th percentile per-packet one-way delay: 67.944 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 424.68 Mbit/s
95th percentile per-packet one-way delay: 75.666 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 412.64 Mbit/s
95th percentile per-packet one-way delay: 112.341 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

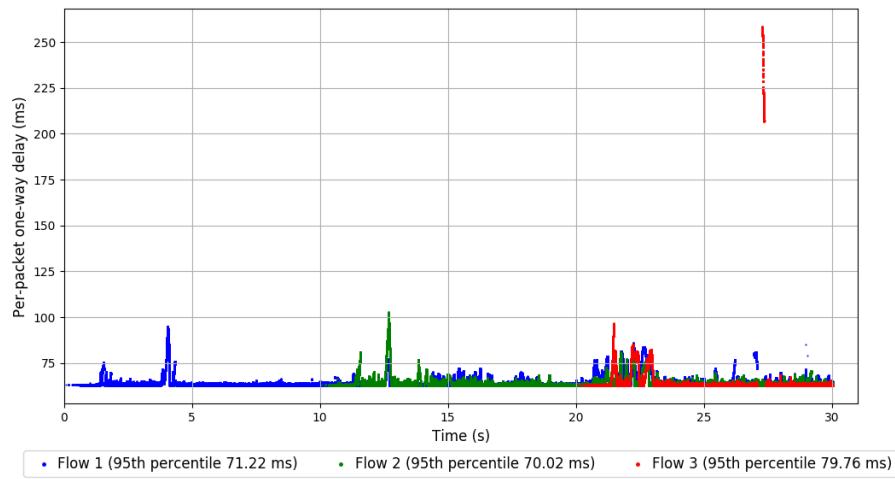
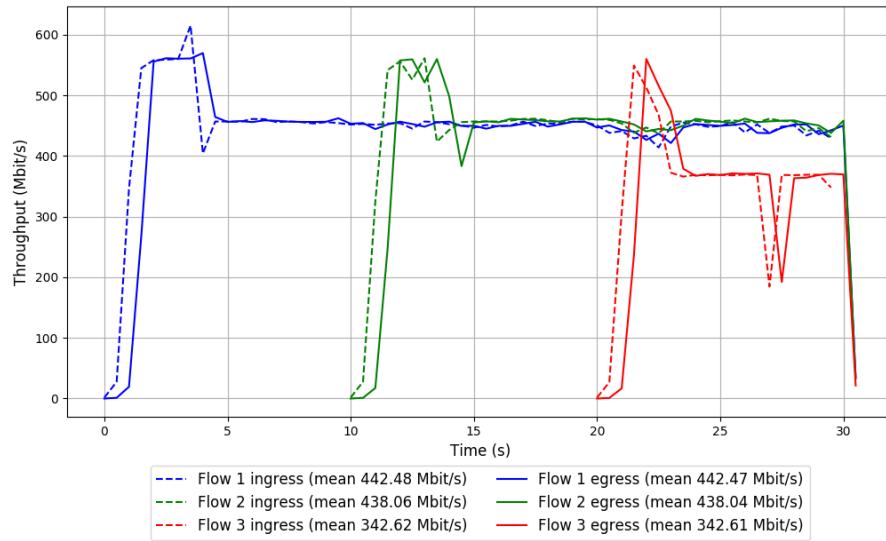


Run 5: Statistics of TCP Vegas

```
Start at: 2019-01-03 11:54:01
End at: 2019-01-03 11:54:31
Local clock offset: -0.007 ms
Remote clock offset: -0.111 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 847.96 Mbit/s
95th percentile per-packet one-way delay: 72.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 442.47 Mbit/s
95th percentile per-packet one-way delay: 71.220 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 438.04 Mbit/s
95th percentile per-packet one-way delay: 70.018 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 342.61 Mbit/s
95th percentile per-packet one-way delay: 79.756 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

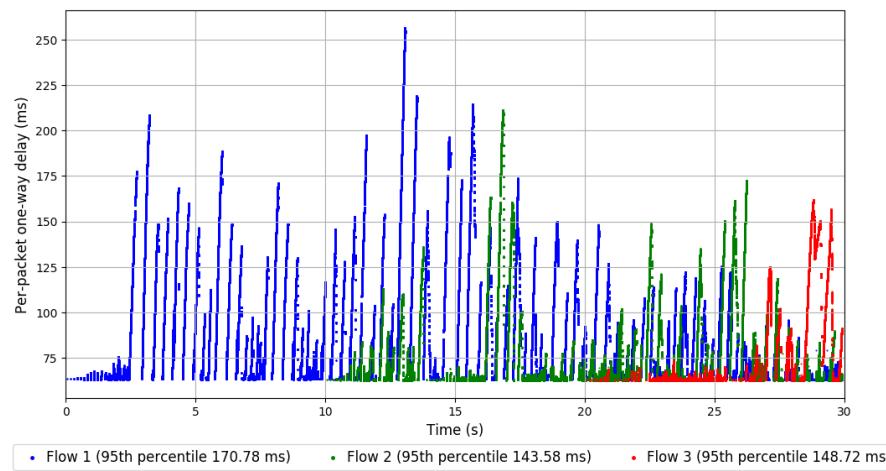
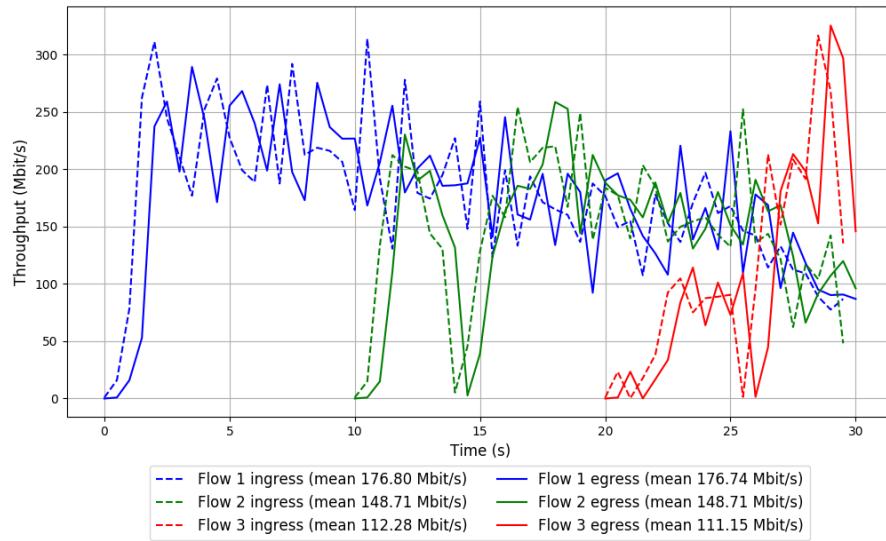


Run 1: Statistics of Verus

```
Start at: 2019-01-03 09:32:57
End at: 2019-01-03 09:33:27
Local clock offset: -0.053 ms
Remote clock offset: -0.195 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 312.07 Mbit/s
95th percentile per-packet one-way delay: 158.904 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 176.74 Mbit/s
95th percentile per-packet one-way delay: 170.785 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 148.71 Mbit/s
95th percentile per-packet one-way delay: 143.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.15 Mbit/s
95th percentile per-packet one-way delay: 148.716 ms
Loss rate: 1.00%
```

Run 1: Report of Verus — Data Link

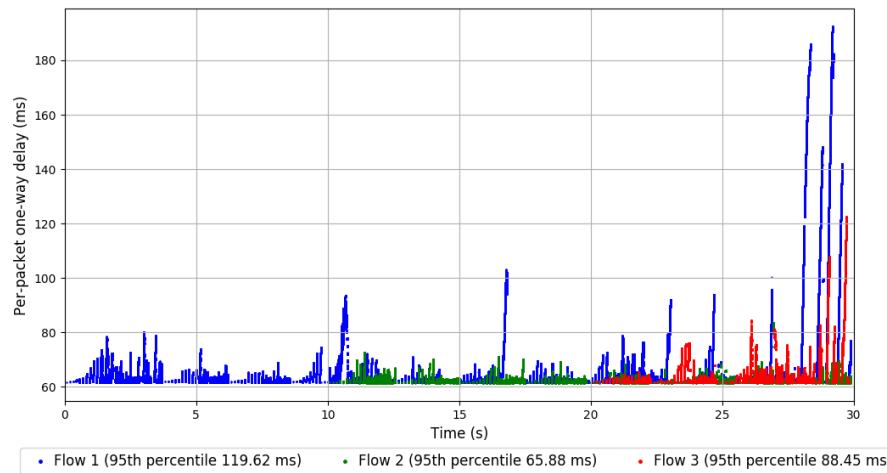
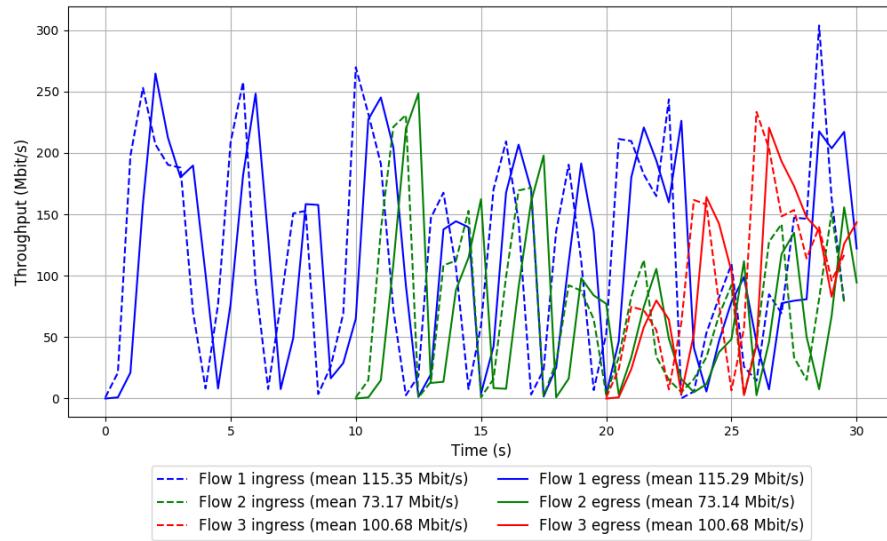


Run 2: Statistics of Verus

```
Start at: 2019-01-03 10:06:03
End at: 2019-01-03 10:06:33
Local clock offset: -0.046 ms
Remote clock offset: -1.321 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 196.78 Mbit/s
95th percentile per-packet one-way delay: 95.572 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 115.29 Mbit/s
95th percentile per-packet one-way delay: 119.621 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 65.881 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 100.68 Mbit/s
95th percentile per-packet one-way delay: 88.449 ms
Loss rate: 0.00%
```

## Run 2: Report of Verus — Data Link

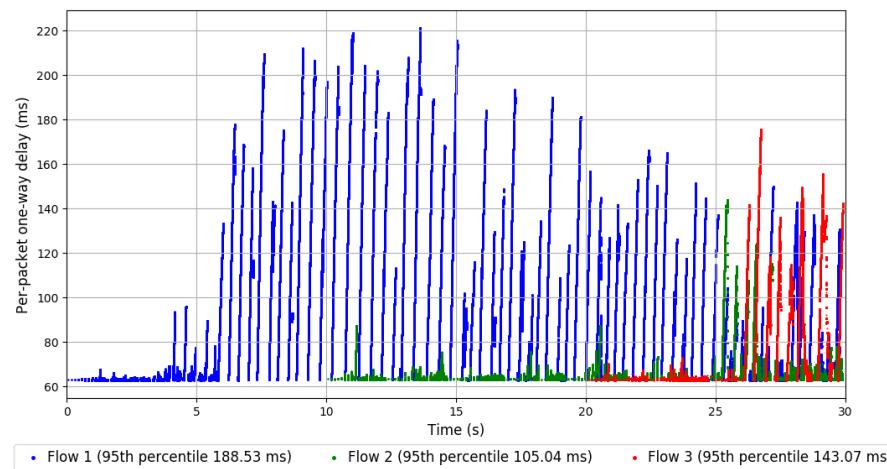
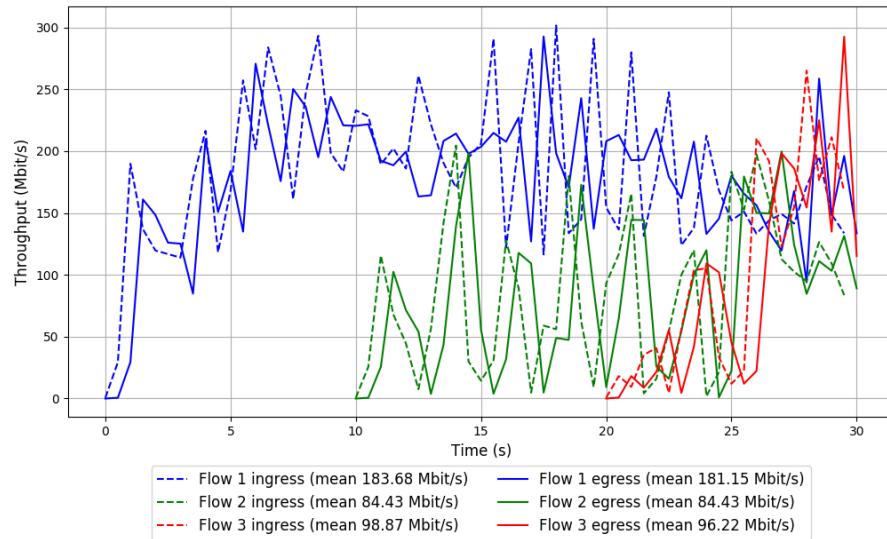


Run 3: Statistics of Verus

```
Start at: 2019-01-03 10:39:40
End at: 2019-01-03 10:40:10
Local clock offset: -0.054 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 268.19 Mbit/s
95th percentile per-packet one-way delay: 180.150 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 181.15 Mbit/s
95th percentile per-packet one-way delay: 188.525 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 105.043 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 143.067 ms
Loss rate: 2.70%
```

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

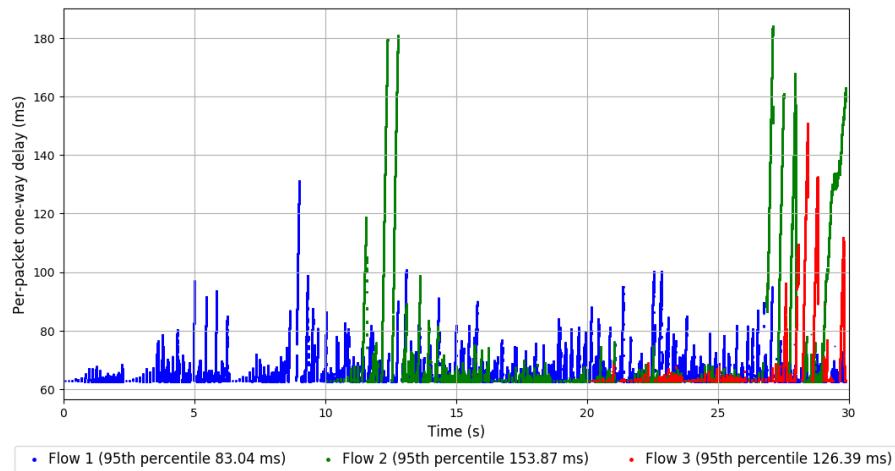
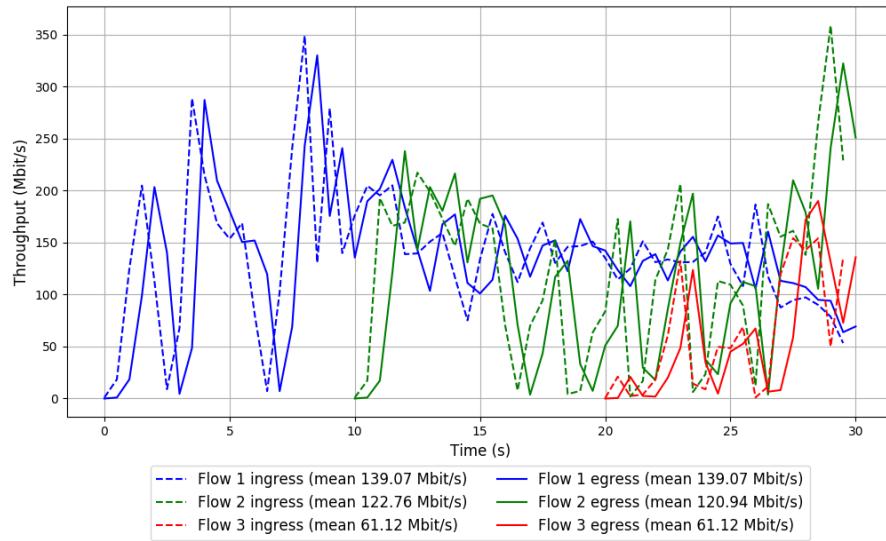


Run 4: Statistics of Verus

```
Start at: 2019-01-03 11:13:06
End at: 2019-01-03 11:13:36
Local clock offset: 0.004 ms
Remote clock offset: -0.169 ms

# Below is generated by plot.py at 2019-01-03 15:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.37 Mbit/s
95th percentile per-packet one-way delay: 130.140 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 139.07 Mbit/s
95th percentile per-packet one-way delay: 83.040 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 120.94 Mbit/s
95th percentile per-packet one-way delay: 153.870 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 126.386 ms
Loss rate: 0.00%
```

## Run 4: Report of Verus — Data Link

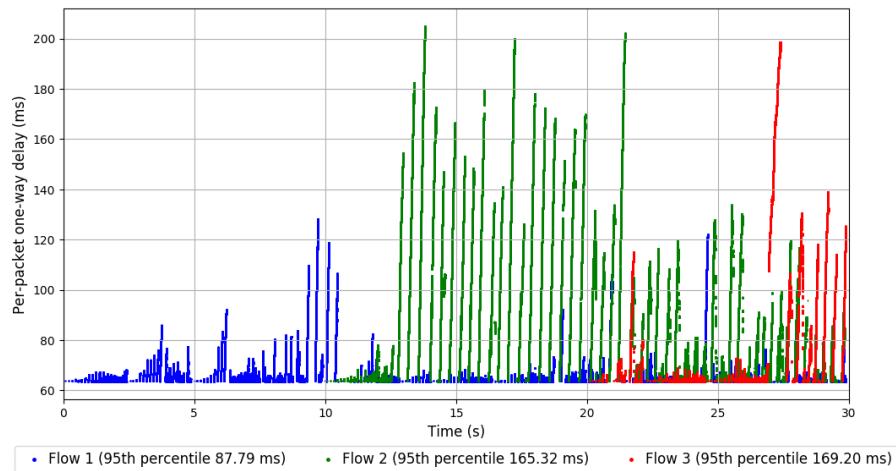
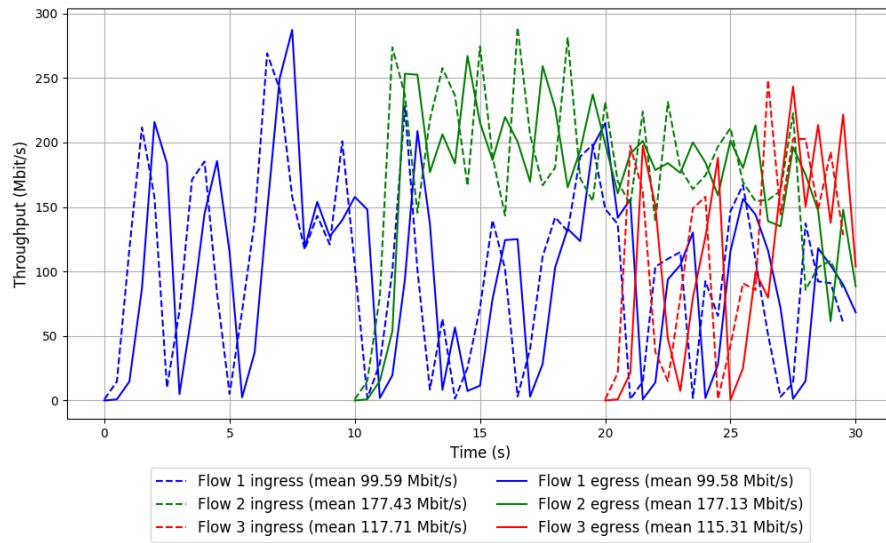


Run 5: Statistics of Verus

```
Start at: 2019-01-03 11:46:28
End at: 2019-01-03 11:46:58
Local clock offset: 0.002 ms
Remote clock offset: 0.747 ms

# Below is generated by plot.py at 2019-01-03 15:33:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 254.89 Mbit/s
95th percentile per-packet one-way delay: 153.341 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 99.58 Mbit/s
95th percentile per-packet one-way delay: 87.792 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 177.13 Mbit/s
95th percentile per-packet one-way delay: 165.323 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 115.31 Mbit/s
95th percentile per-packet one-way delay: 169.203 ms
Loss rate: 2.06%
```

## Run 5: Report of Verus — Data Link

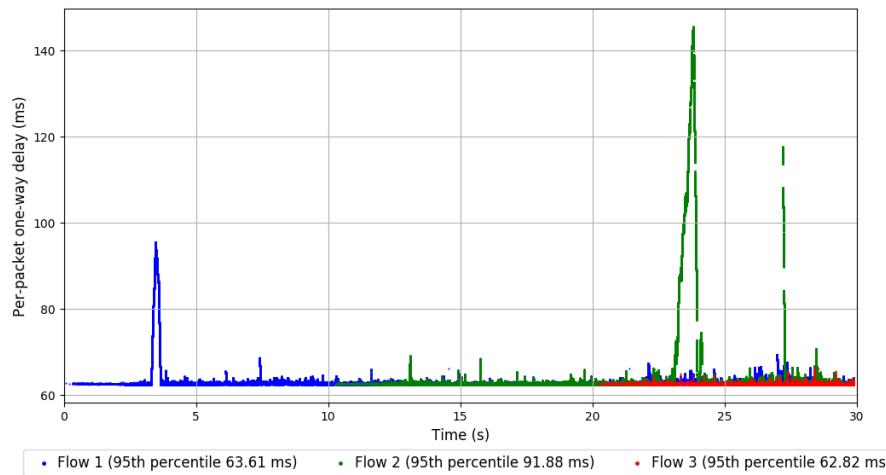
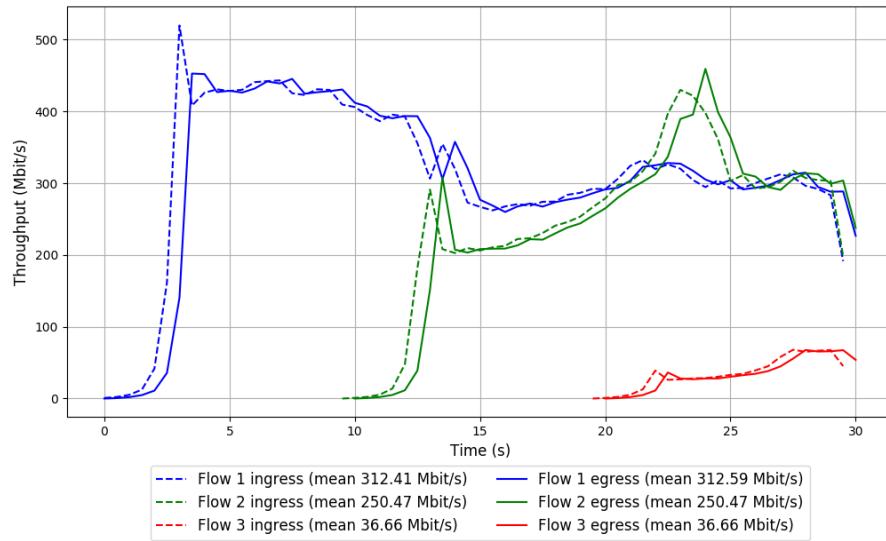


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-01-03 09:31:09
End at: 2019-01-03 09:31:39
Local clock offset: -0.053 ms
Remote clock offset: -0.307 ms

# Below is generated by plot.py at 2019-01-03 15:35:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 491.41 Mbit/s
95th percentile per-packet one-way delay: 65.469 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 312.59 Mbit/s
95th percentile per-packet one-way delay: 63.610 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 250.47 Mbit/s
95th percentile per-packet one-way delay: 91.884 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 62.823 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

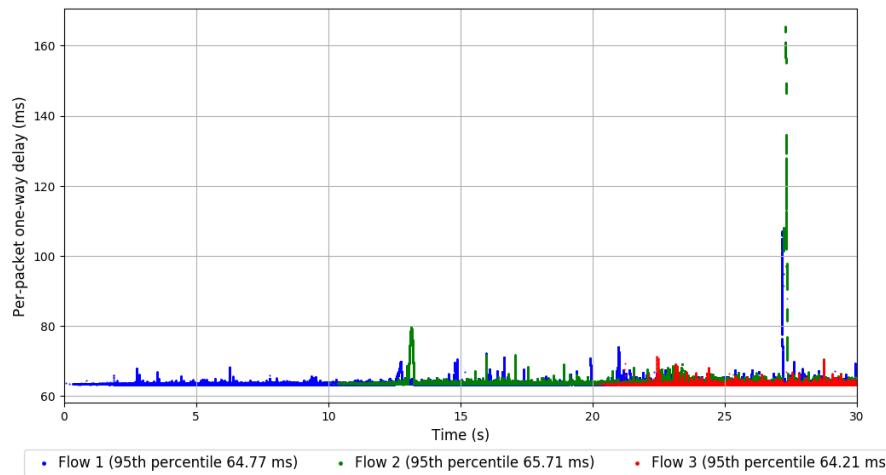
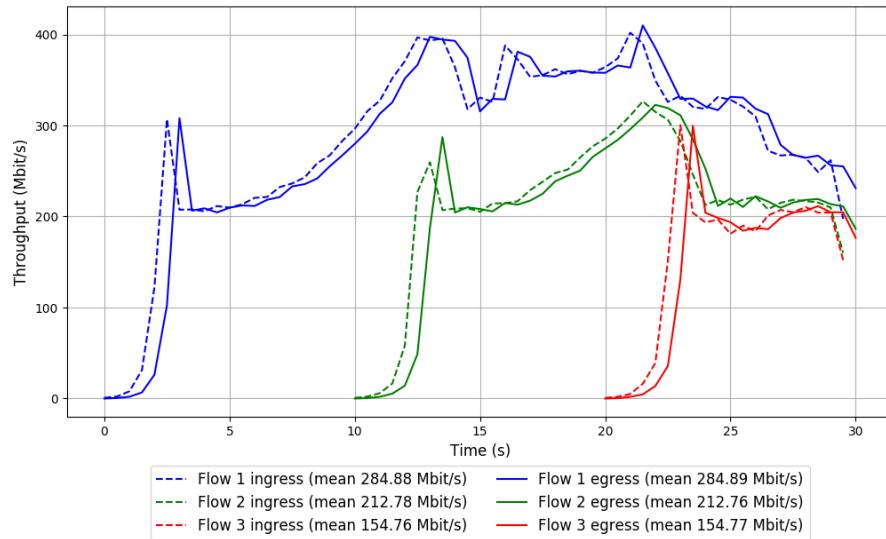


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-01-03 10:04:16
End at: 2019-01-03 10:04:46
Local clock offset: -0.062 ms
Remote clock offset: 0.599 ms

# Below is generated by plot.py at 2019-01-03 15:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.25 Mbit/s
95th percentile per-packet one-way delay: 64.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 284.89 Mbit/s
95th percentile per-packet one-way delay: 64.771 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 212.76 Mbit/s
95th percentile per-packet one-way delay: 65.708 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 154.77 Mbit/s
95th percentile per-packet one-way delay: 64.213 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

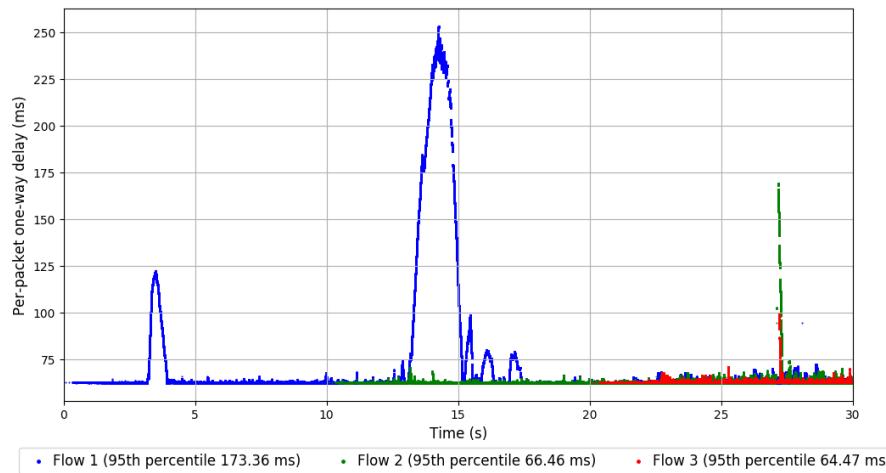
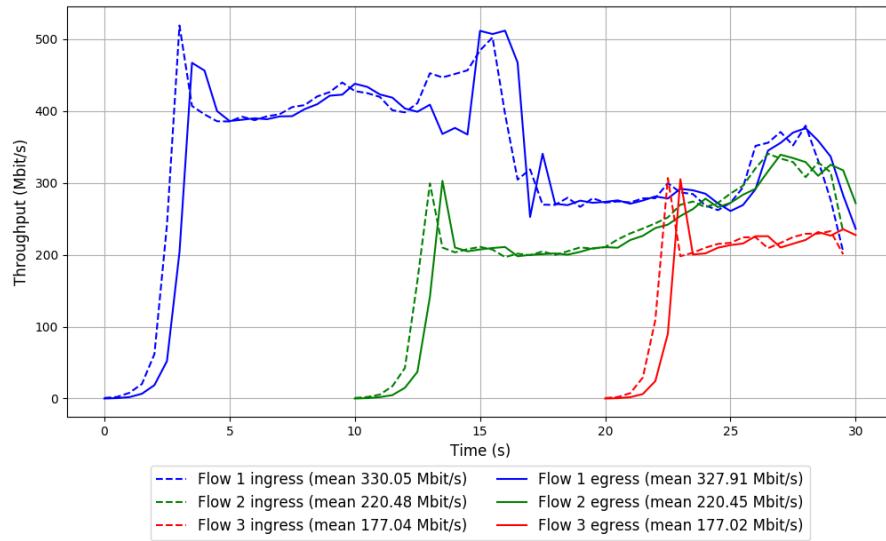


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-01-03 10:37:49
End at: 2019-01-03 10:38:19
Local clock offset: -0.047 ms
Remote clock offset: -0.243 ms

# Below is generated by plot.py at 2019-01-03 15:37:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.86 Mbit/s
95th percentile per-packet one-way delay: 115.327 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 327.91 Mbit/s
95th percentile per-packet one-way delay: 173.358 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 220.45 Mbit/s
95th percentile per-packet one-way delay: 66.457 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 177.02 Mbit/s
95th percentile per-packet one-way delay: 64.468 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Vivace — Data Link

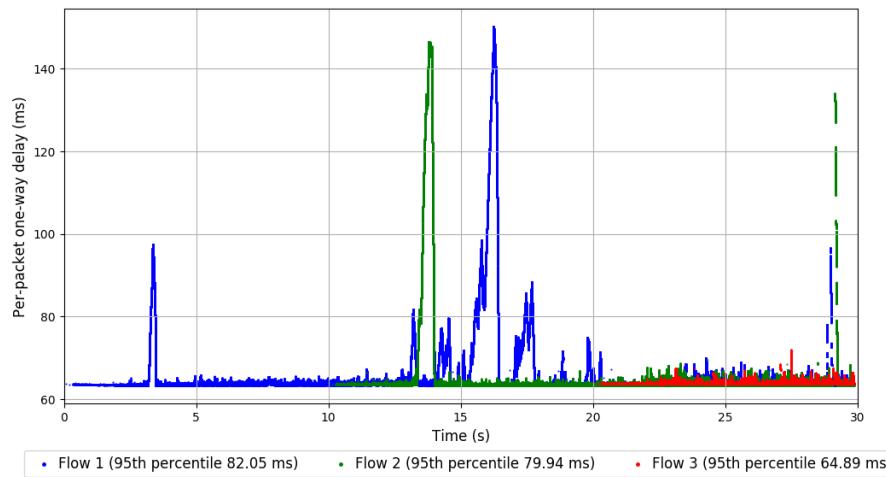
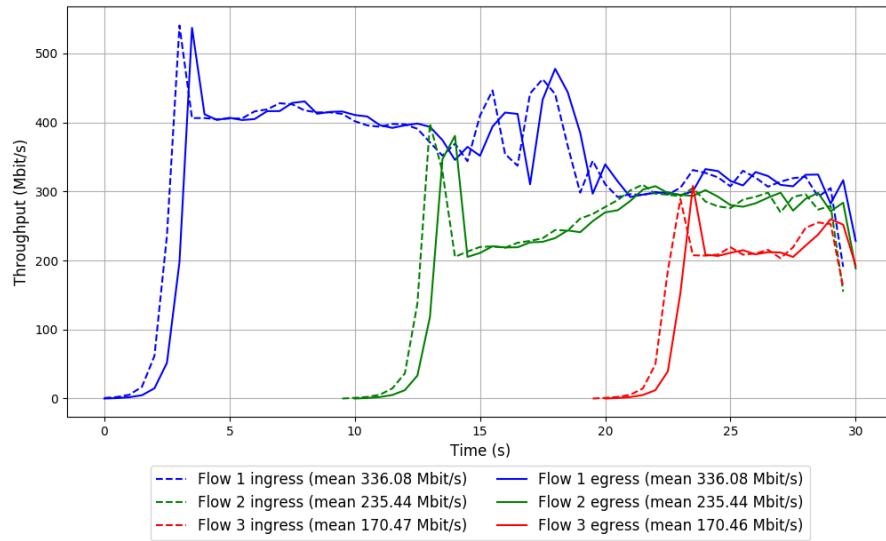


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-01-03 11:11:13
End at: 2019-01-03 11:11:43
Local clock offset: -0.011 ms
Remote clock offset: 0.496 ms

# Below is generated by plot.py at 2019-01-03 15:37:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.39 Mbit/s
95th percentile per-packet one-way delay: 79.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 336.08 Mbit/s
95th percentile per-packet one-way delay: 82.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 235.44 Mbit/s
95th percentile per-packet one-way delay: 79.938 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 170.46 Mbit/s
95th percentile per-packet one-way delay: 64.891 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

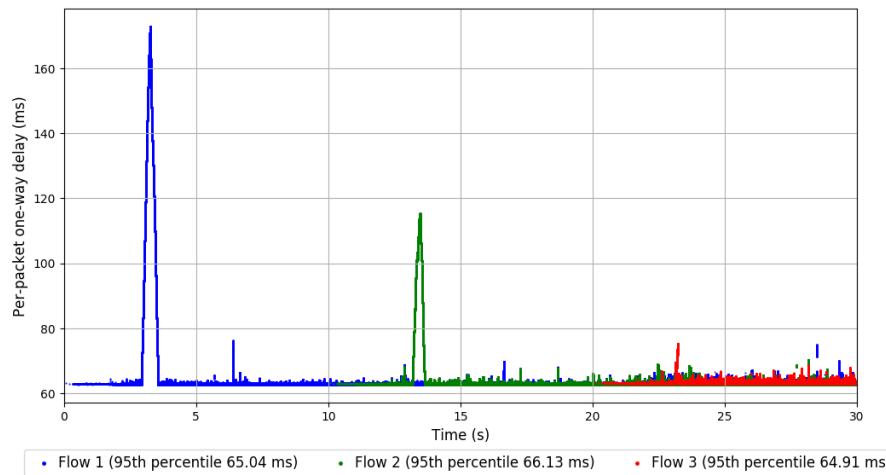
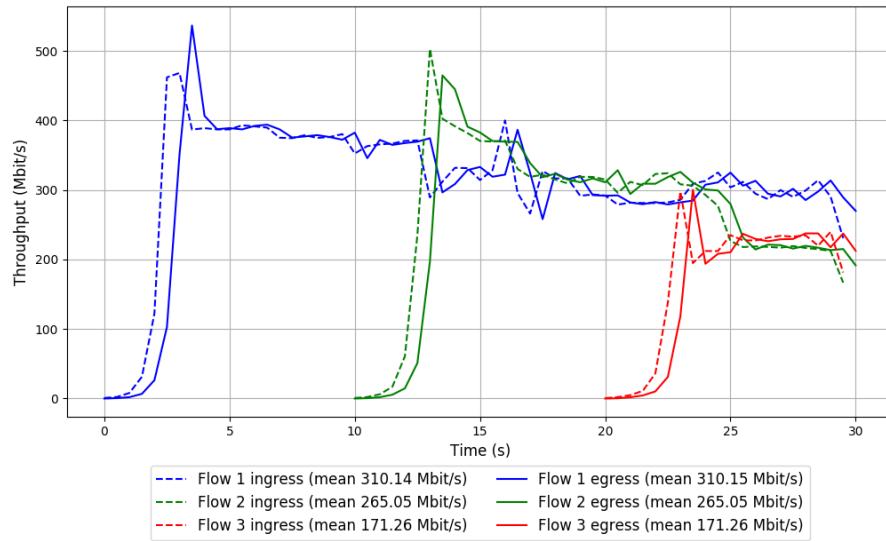


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-01-03 11:44:37
End at: 2019-01-03 11:45:07
Local clock offset: 0.025 ms
Remote clock offset: 0.05 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 542.84 Mbit/s
95th percentile per-packet one-way delay: 65.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 310.15 Mbit/s
95th percentile per-packet one-way delay: 65.039 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 265.05 Mbit/s
95th percentile per-packet one-way delay: 66.128 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 171.26 Mbit/s
95th percentile per-packet one-way delay: 64.905 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Vivace — Data Link

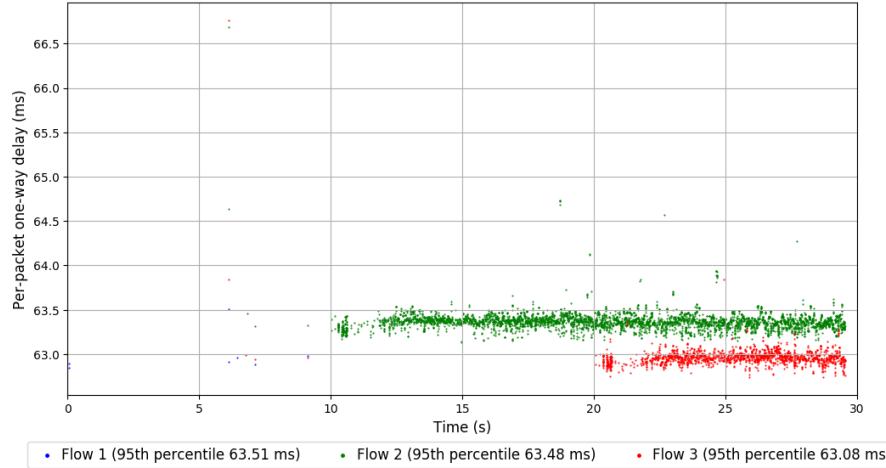
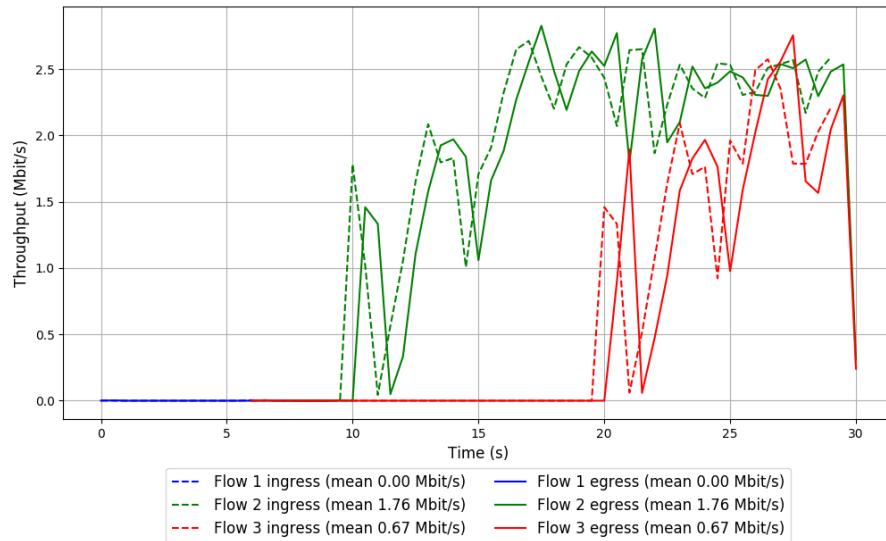


Run 1: Statistics of WebRTC media

```
Start at: 2019-01-03 09:28:03
End at: 2019-01-03 09:28:33
Local clock offset: -0.075 ms
Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 63.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 63.505 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 63.480 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 63.075 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

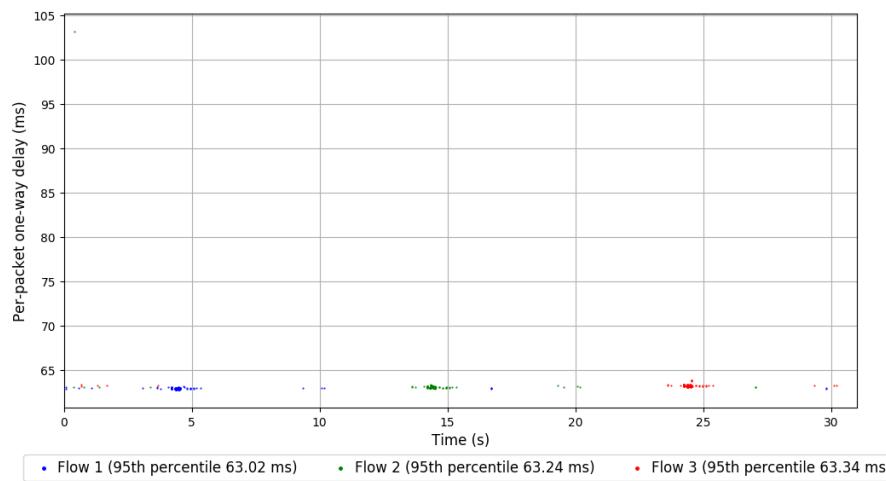
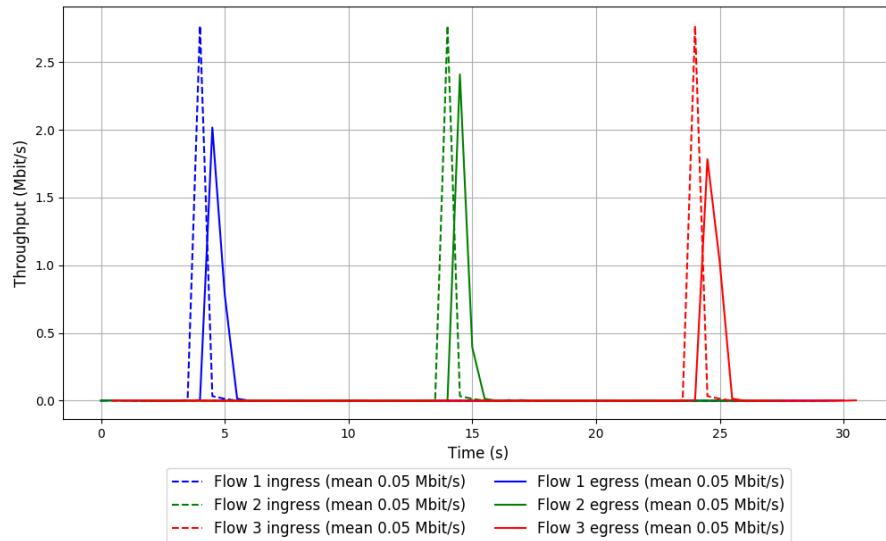


Run 2: Statistics of WebRTC media

```
Start at: 2019-01-03 10:00:59
End at: 2019-01-03 10:01:29
Local clock offset: -0.083 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 63.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.338 ms
Loss rate: 0.00%
```

## Run 2: Report of WebRTC media — Data Link

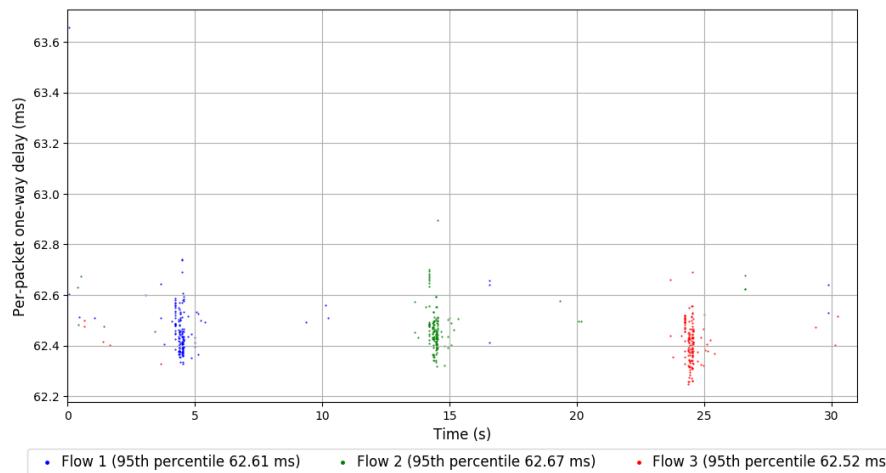
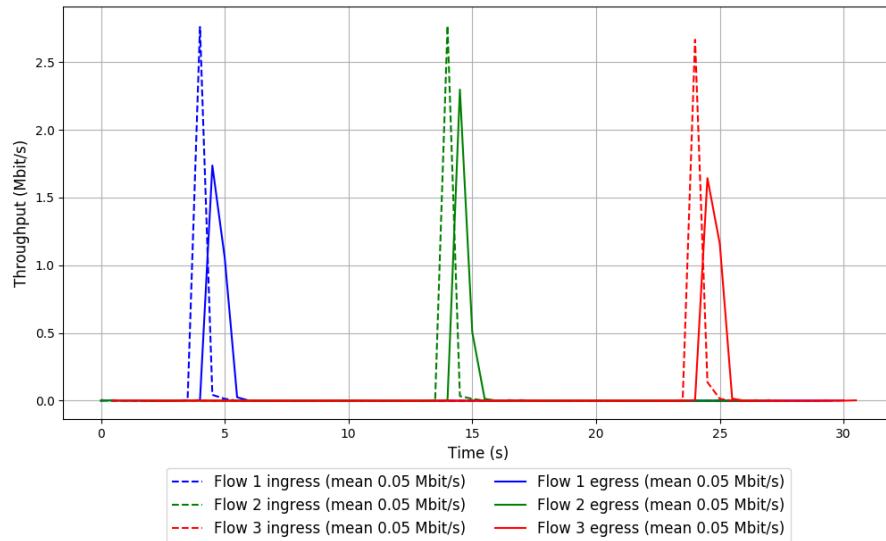


Run 3: Statistics of WebRTC media

```
Start at: 2019-01-03 10:34:41
End at: 2019-01-03 10:35:11
Local clock offset: -0.038 ms
Remote clock offset: -0.627 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 62.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 62.606 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 62.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 62.524 ms
Loss rate: 0.00%
```

### Run 3: Report of WebRTC media — Data Link

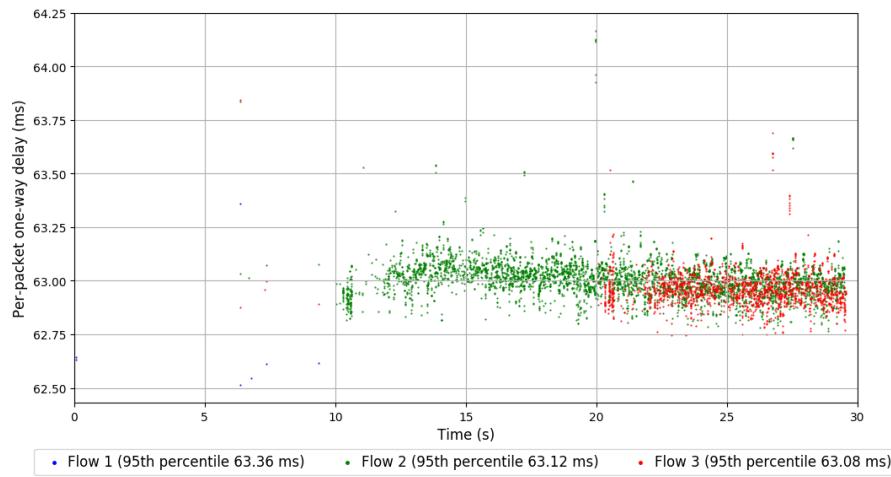
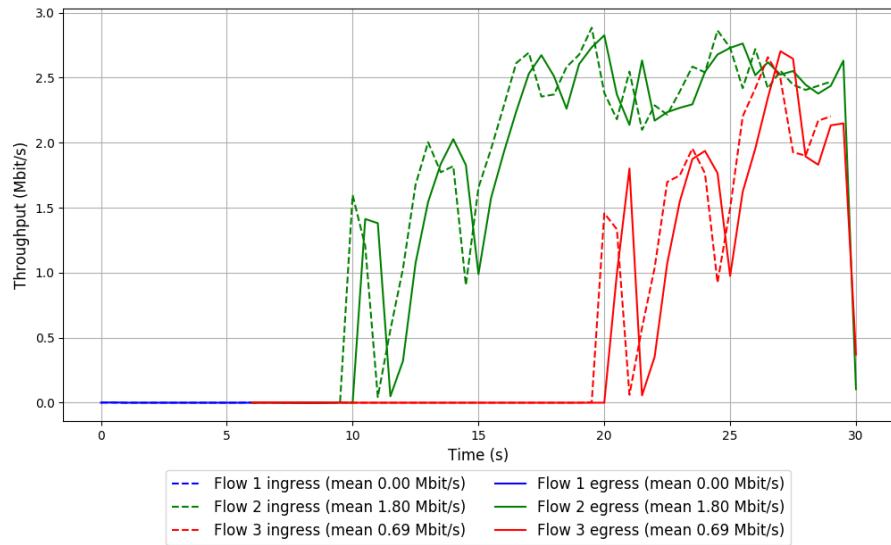


Run 4: Statistics of WebRTC media

```
Start at: 2019-01-03 11:08:07
End at: 2019-01-03 11:08:37
Local clock offset: -0.022 ms
Remote clock offset: -0.47 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 63.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 63.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 63.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 63.077 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-01-03 11:41:31
End at: 2019-01-03 11:42:01
Local clock offset: 0.042 ms
Remote clock offset: 0.519 ms

# Below is generated by plot.py at 2019-01-03 15:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 63.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.493 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.757 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.796 ms
Loss rate: 0.00%
```

### Run 5: Report of WebRTC media — Data Link

