

## Pantheon Report

Generated at 2017-11-16 17:10:38 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

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

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

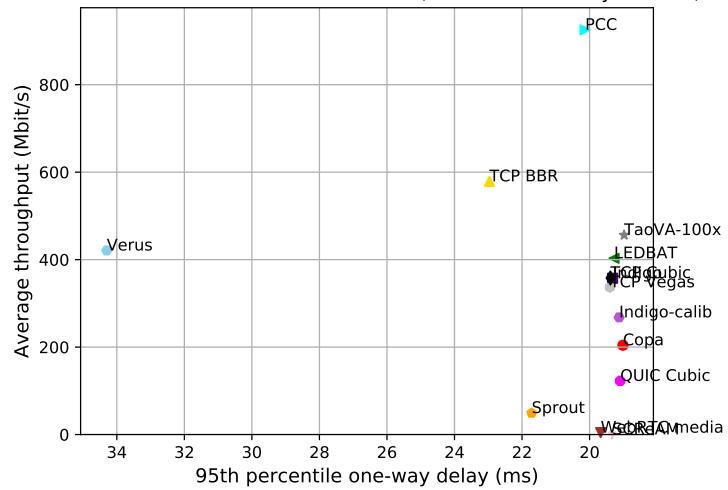
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

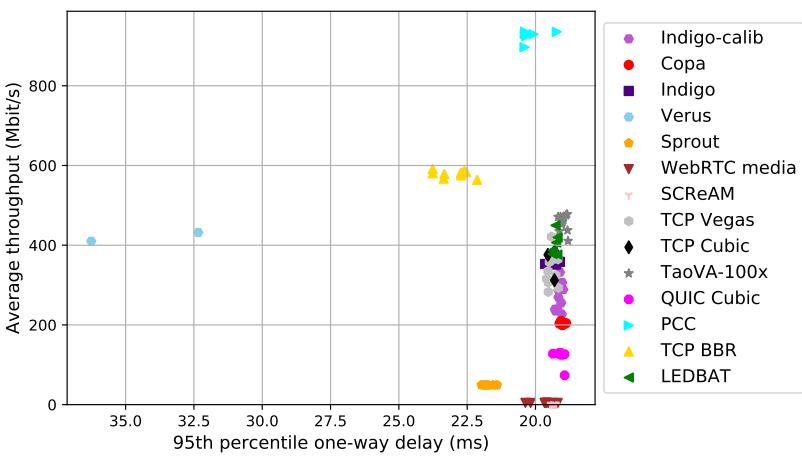
Git summary:

```
branch: indigos @ f54f2953f2a9765c9ffa988d13de5a9471790eb0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



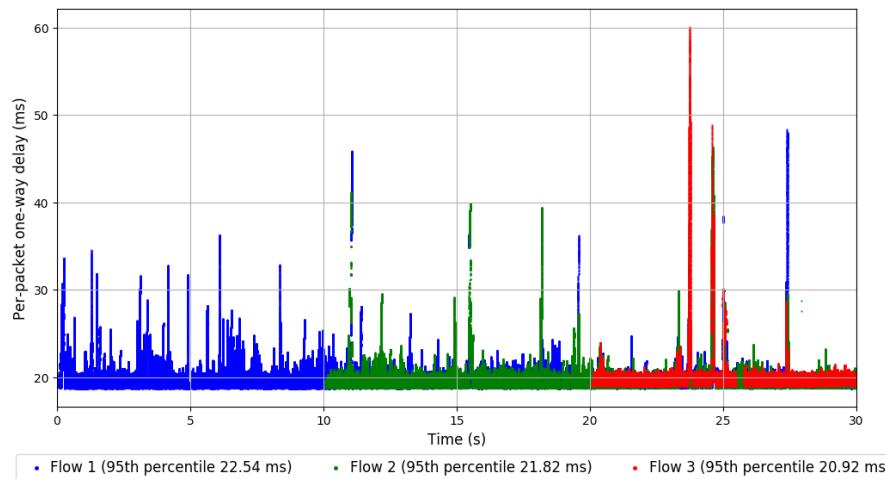
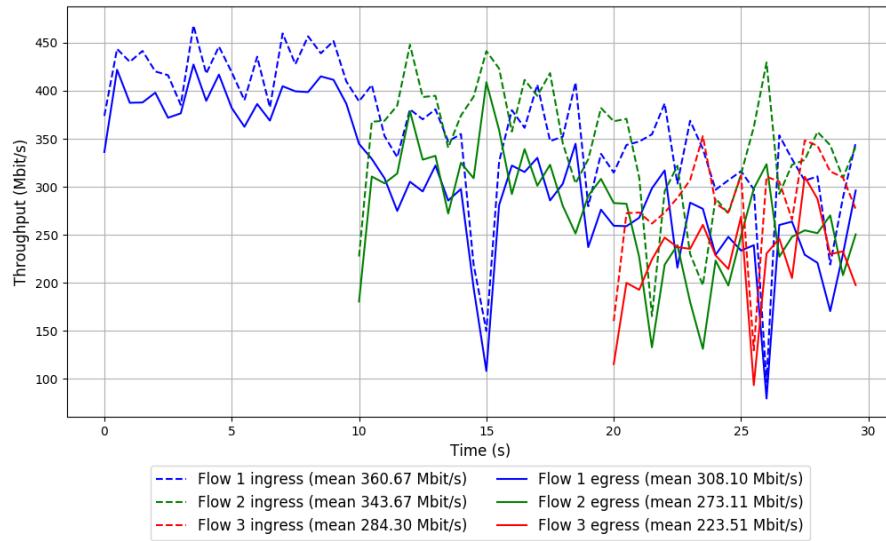
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	317.01	275.39	239.15	23.56	21.82	21.34	14.49	18.19	21.85
TCP Cubic	3	175.49	198.20	151.96	19.27	19.36	19.52	0.10	0.09	0.15
LEDBAT	6	227.11	193.11	142.65	19.20	19.30	19.40	0.03	0.03	0.05
PCC	6	811.64	134.93	72.78	20.05	20.23	20.24	0.42	0.36	0.41
QUIC Cubic	10	62.37	63.61	55.16	19.00	18.98	19.74	0.00	0.00	0.01
SCReAM	8	50.16	0.22	0.22	789.19	19.04	19.30	0.00	0.00	0.00
WebRTC media	10	2.32	1.46	0.56	19.44	19.62	20.29	0.00	0.00	0.00
Sprout	10	24.72	24.65	24.40	21.82	21.44	21.19	0.04	0.02	0.07
TaoVA-100x	10	234.90	239.61	237.67	18.92	18.96	18.77	0.01	0.02	0.02
TCP Vegas	10	182.60	151.80	159.83	19.32	19.15	19.45	0.03	0.13	0.11
Verus	2	228.12	216.79	147.61	39.46	27.32	21.66	18.52	18.30	14.41
Copa	10	102.61	104.77	120.98	18.77	19.00	18.94	0.00	0.00	0.00
Indigo	10	188.53	176.00	162.13	19.13	19.11	19.57	0.01	0.01	0.02
Indigo-calib	10	134.69	130.91	144.34	19.13	18.81	18.84	0.01	0.01	0.01

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-16 10:56:31
End at: 2017-11-16 10:57:01
Local clock offset: 1.053 ms
Remote clock offset: -0.216 ms

# Below is generated by plot.py at 2017-11-16 15:58:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 564.12 Mbit/s
95th percentile per-packet one-way delay: 22.135 ms
Loss rate: 17.50%
-- Flow 1:
Average throughput: 308.10 Mbit/s
95th percentile per-packet one-way delay: 22.539 ms
Loss rate: 14.58%
-- Flow 2:
Average throughput: 273.11 Mbit/s
95th percentile per-packet one-way delay: 21.825 ms
Loss rate: 20.53%
-- Flow 3:
Average throughput: 223.51 Mbit/s
95th percentile per-packet one-way delay: 20.919 ms
Loss rate: 21.30%
```

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

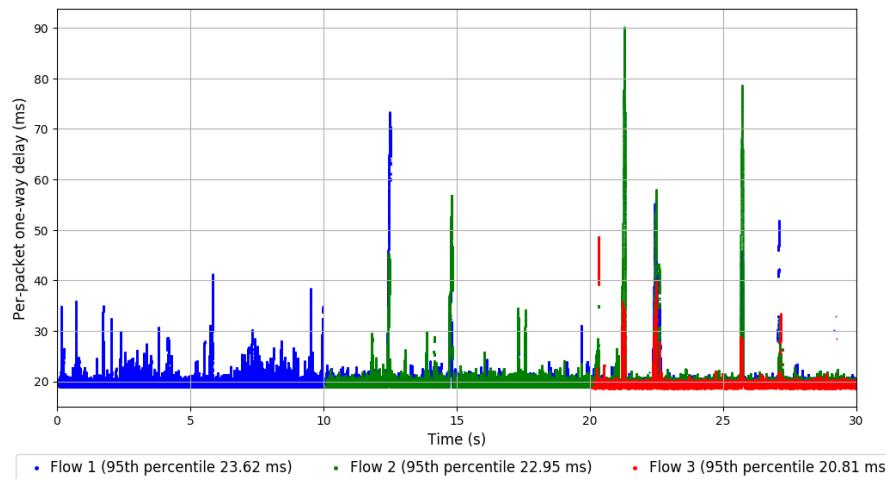
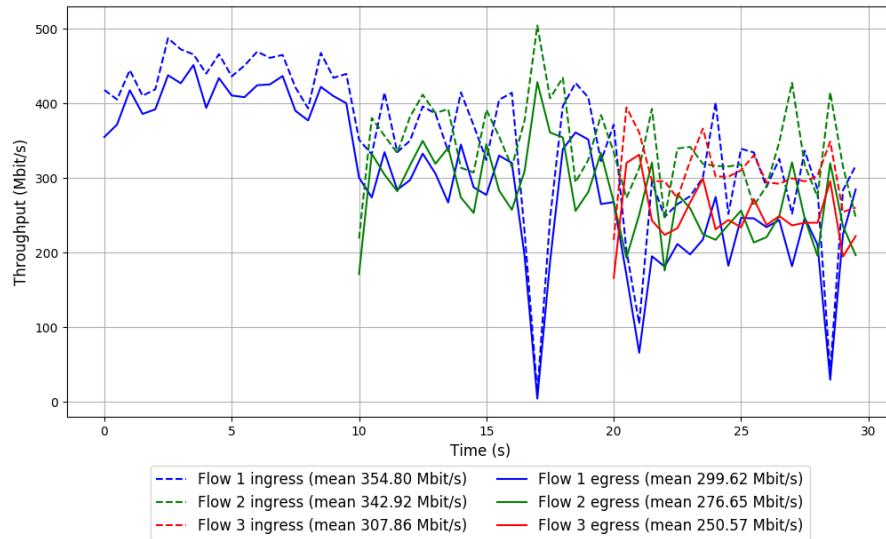


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-16 11:16:12
End at: 2017-11-16 11:16:42
Local clock offset: 1.396 ms
Remote clock offset: -0.385 ms

# Below is generated by plot.py at 2017-11-16 15:58:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 567.03 Mbit/s
95th percentile per-packet one-way delay: 23.360 ms
Loss rate: 17.27%
-- Flow 1:
Average throughput: 299.62 Mbit/s
95th percentile per-packet one-way delay: 23.624 ms
Loss rate: 15.55%
-- Flow 2:
Average throughput: 276.65 Mbit/s
95th percentile per-packet one-way delay: 22.952 ms
Loss rate: 19.33%
-- Flow 3:
Average throughput: 250.57 Mbit/s
95th percentile per-packet one-way delay: 20.809 ms
Loss rate: 18.60%
```

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

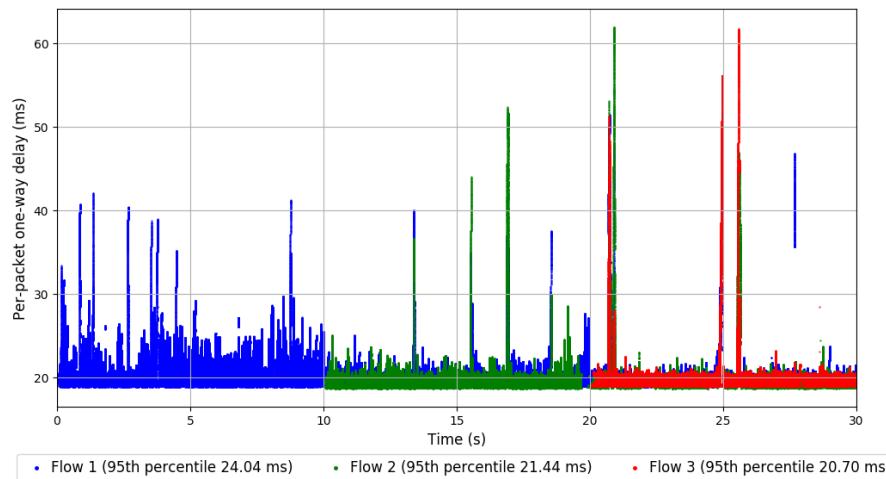
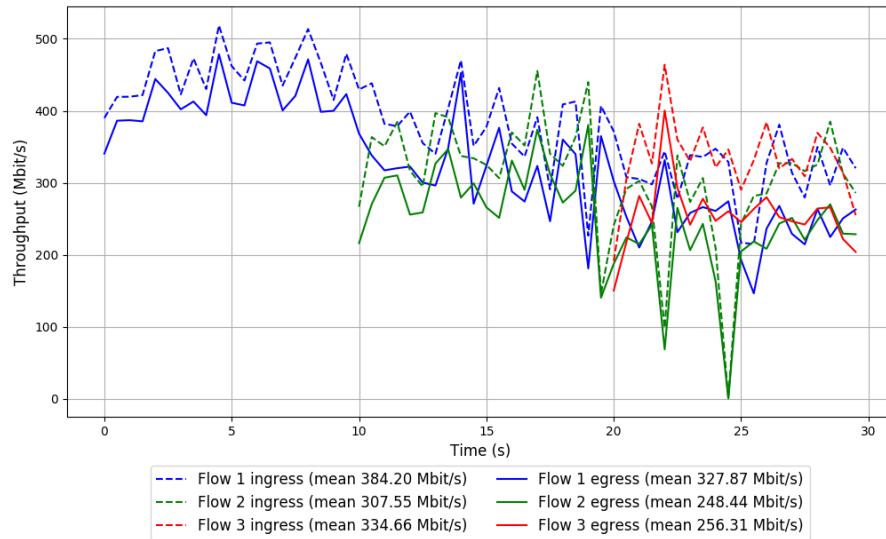


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-16 11:35:28
End at: 2017-11-16 11:35:58
Local clock offset: 1.312 ms
Remote clock offset: -0.55 ms

# Below is generated by plot.py at 2017-11-16 15:59:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 578.46 Mbit/s
95th percentile per-packet one-way delay: 23.335 ms
Loss rate: 17.38%
-- Flow 1:
Average throughput: 327.87 Mbit/s
95th percentile per-packet one-way delay: 24.039 ms
Loss rate: 14.66%
-- Flow 2:
Average throughput: 248.44 Mbit/s
95th percentile per-packet one-way delay: 21.438 ms
Loss rate: 19.21%
-- Flow 3:
Average throughput: 256.31 Mbit/s
95th percentile per-packet one-way delay: 20.702 ms
Loss rate: 23.40%
```

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

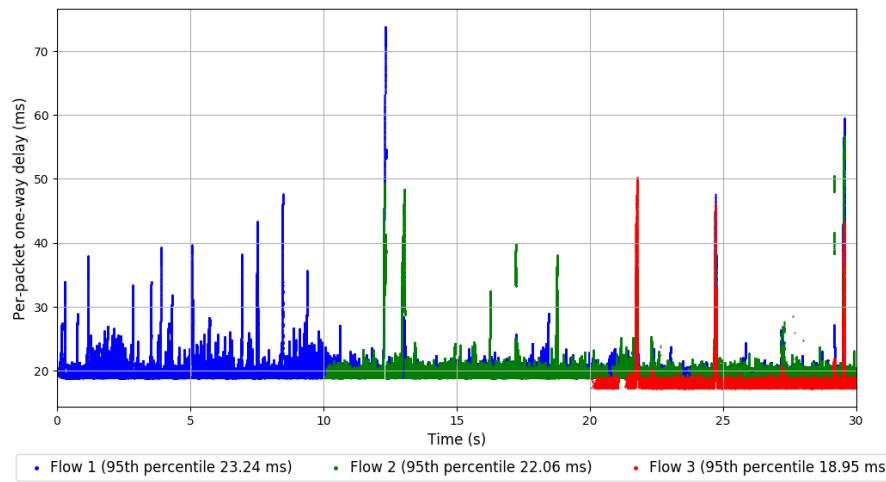
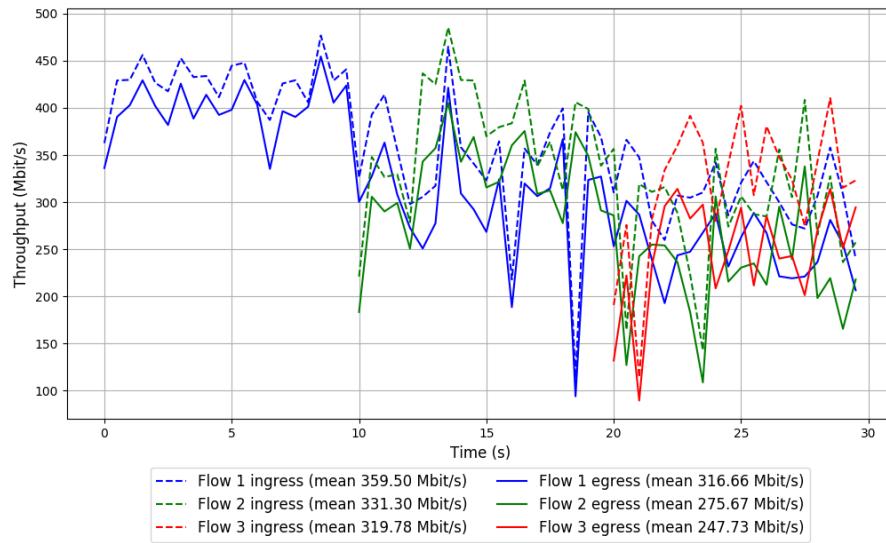


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-16 11:54:54
End at: 2017-11-16 11:55:24
Local clock offset: 1.211 ms
Remote clock offset: -0.461 ms

# Below is generated by plot.py at 2017-11-16 15:59:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 582.23 Mbit/s
95th percentile per-packet one-way delay: 22.709 ms
Loss rate: 15.13%
-- Flow 1:
Average throughput: 316.66 Mbit/s
95th percentile per-packet one-way delay: 23.239 ms
Loss rate: 11.92%
-- Flow 2:
Average throughput: 275.67 Mbit/s
95th percentile per-packet one-way delay: 22.057 ms
Loss rate: 16.79%
-- Flow 3:
Average throughput: 247.73 Mbit/s
95th percentile per-packet one-way delay: 18.953 ms
Loss rate: 22.53%
```

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

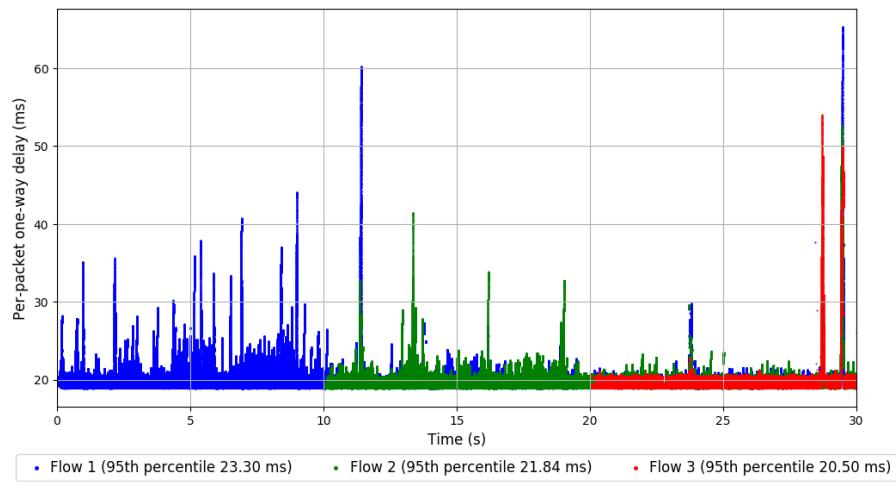
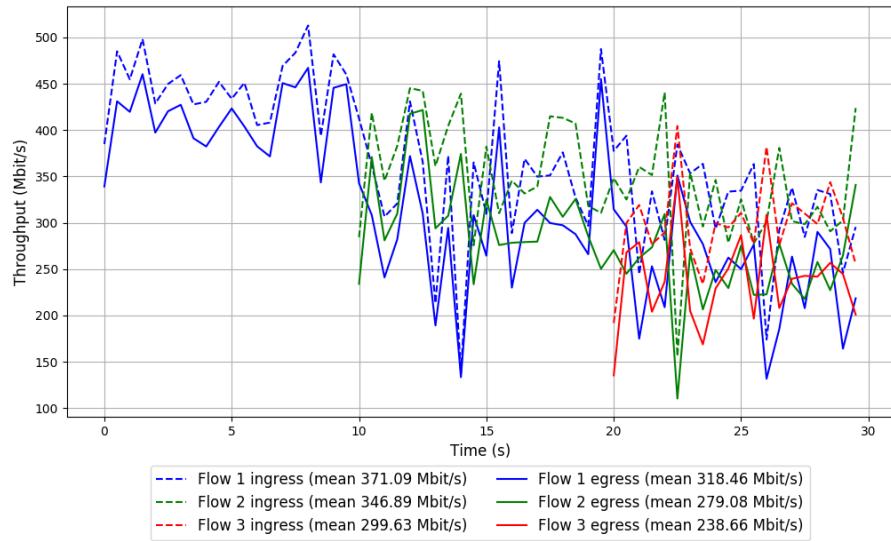


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-16 12:14:50
End at: 2017-11-16 12:15:20
Local clock offset: 1.082 ms
Remote clock offset: -0.428 ms

# Below is generated by plot.py at 2017-11-16 15:59:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 583.50 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 16.82%
-- Flow 1:
Average throughput: 318.46 Mbit/s
95th percentile per-packet one-way delay: 23.300 ms
Loss rate: 14.18%
-- Flow 2:
Average throughput: 279.08 Mbit/s
95th percentile per-packet one-way delay: 21.840 ms
Loss rate: 19.55%
-- Flow 3:
Average throughput: 238.66 Mbit/s
95th percentile per-packet one-way delay: 20.504 ms
Loss rate: 20.31%
```

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

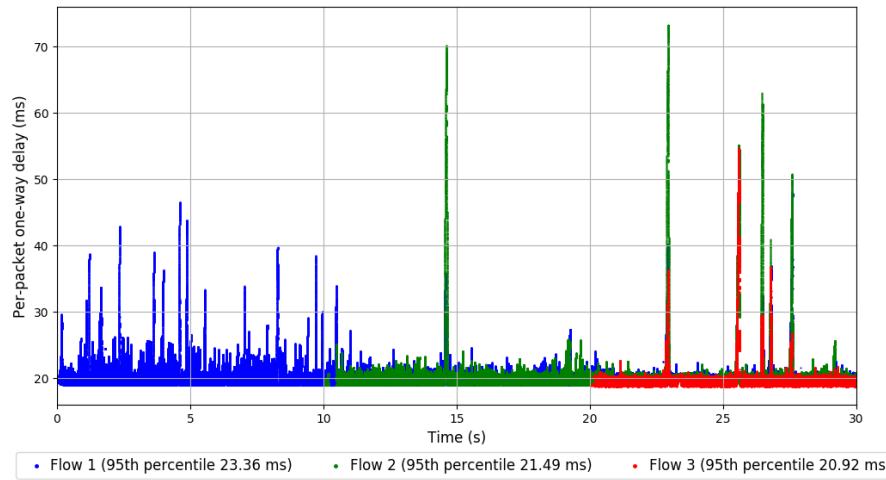
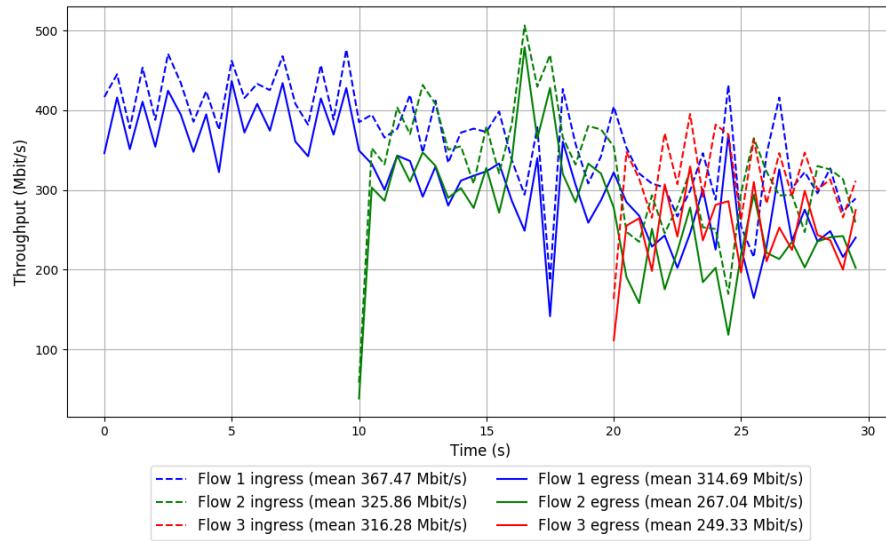


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-16 12:34:45
End at: 2017-11-16 12:35:15
Local clock offset: 0.881 ms
Remote clock offset: -0.229 ms

# Below is generated by plot.py at 2017-11-16 15:59:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 575.23 Mbit/s
95th percentile per-packet one-way delay: 22.720 ms
Loss rate: 16.56%
-- Flow 1:
Average throughput: 314.69 Mbit/s
95th percentile per-packet one-way delay: 23.358 ms
Loss rate: 14.36%
-- Flow 2:
Average throughput: 267.04 Mbit/s
95th percentile per-packet one-way delay: 21.493 ms
Loss rate: 18.05%
-- Flow 3:
Average throughput: 249.33 Mbit/s
95th percentile per-packet one-way delay: 20.921 ms
Loss rate: 21.17%
```

## Run 6: Report of TCP BBR — Data Link

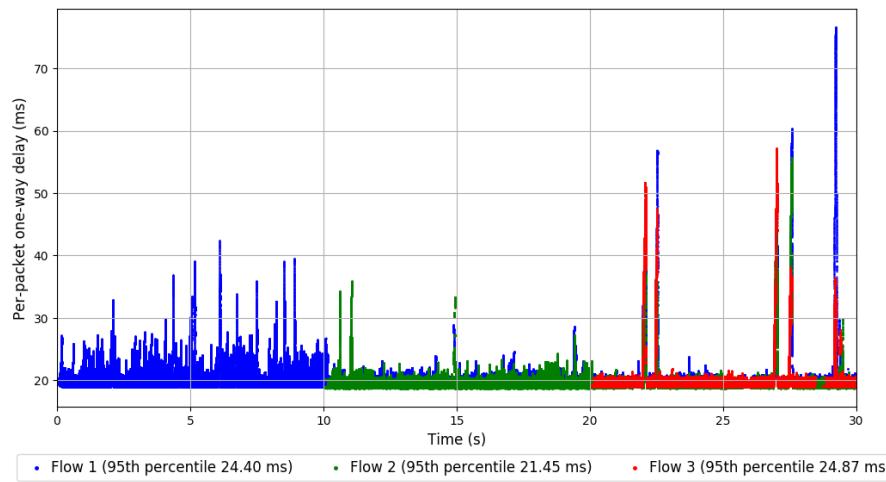
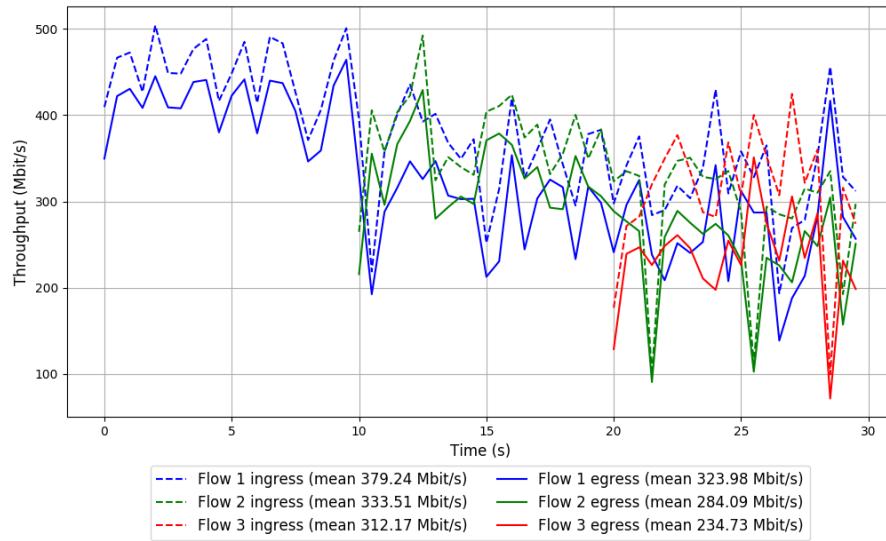


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-16 12:55:04
End at: 2017-11-16 12:55:34
Local clock offset: 0.903 ms
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2017-11-16 15:59:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 591.09 Mbit/s
95th percentile per-packet one-way delay: 23.762 ms
Loss rate: 16.15%
-- Flow 1:
Average throughput: 323.98 Mbit/s
95th percentile per-packet one-way delay: 24.399 ms
Loss rate: 14.57%
-- Flow 2:
Average throughput: 284.09 Mbit/s
95th percentile per-packet one-way delay: 21.447 ms
Loss rate: 14.82%
-- Flow 3:
Average throughput: 234.73 Mbit/s
95th percentile per-packet one-way delay: 24.868 ms
Loss rate: 24.81%
```

### Run 7: Report of TCP BBR — Data Link

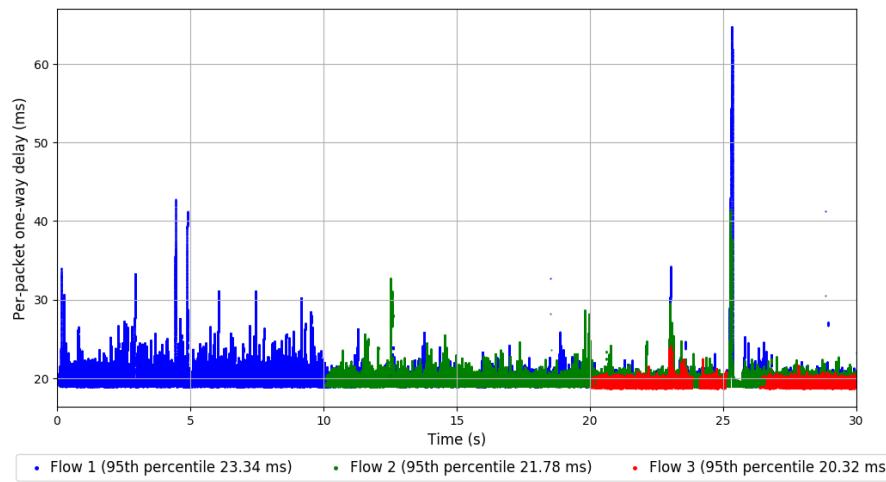
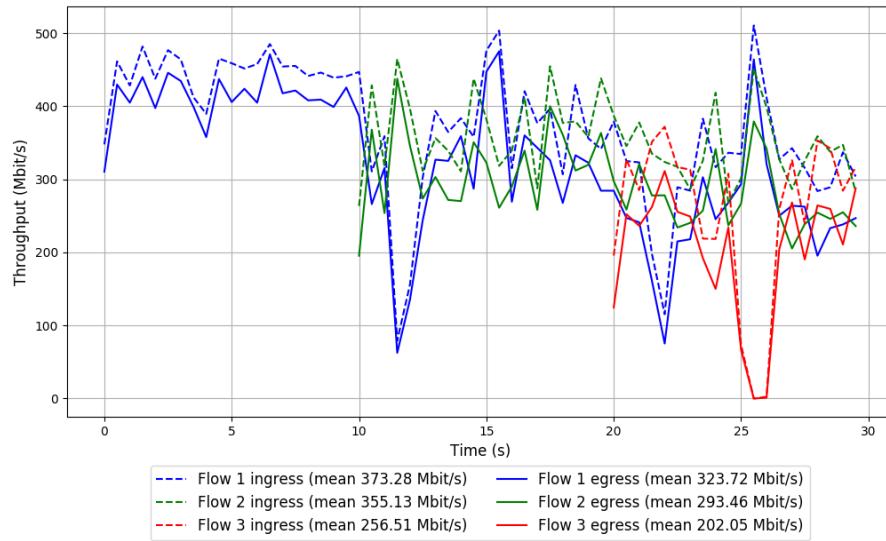


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-16 13:15:04
End at: 2017-11-16 13:15:34
Local clock offset: 0.858 ms
Remote clock offset: -0.75 ms

# Below is generated by plot.py at 2017-11-16 15:59:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 586.15 Mbit/s
95th percentile per-packet one-way delay: 22.611 ms
Loss rate: 15.64%
-- Flow 1:
Average throughput: 323.72 Mbit/s
95th percentile per-packet one-way delay: 23.335 ms
Loss rate: 13.27%
-- Flow 2:
Average throughput: 293.46 Mbit/s
95th percentile per-packet one-way delay: 21.778 ms
Loss rate: 17.35%
-- Flow 3:
Average throughput: 202.05 Mbit/s
95th percentile per-packet one-way delay: 20.324 ms
Loss rate: 21.22%
```

## Run 8: Report of TCP BBR — Data Link

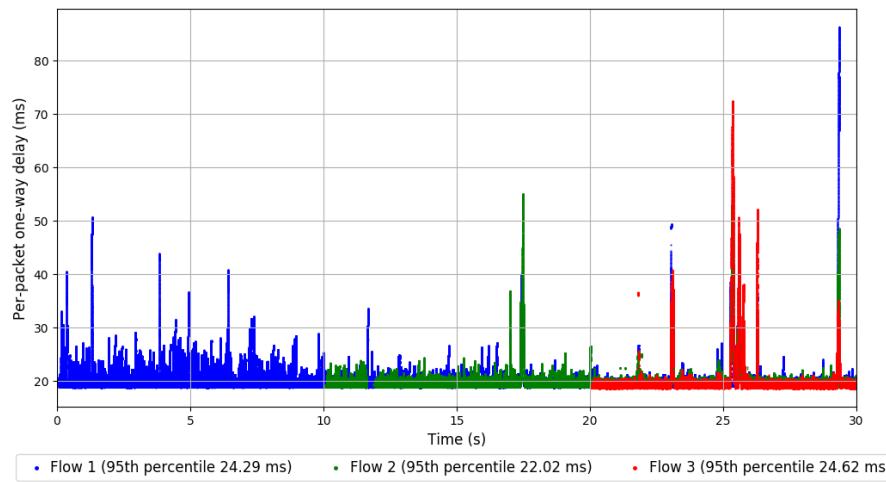
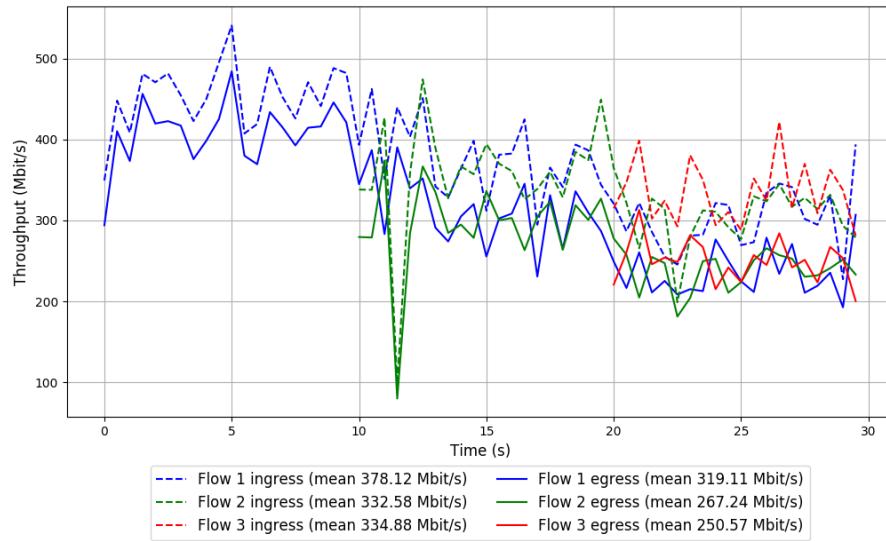


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-16 13:34:37
End at: 2017-11-16 13:35:07
Local clock offset: 0.775 ms
Remote clock offset: -0.986 ms

# Below is generated by plot.py at 2017-11-16 16:07:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 580.49 Mbit/s
95th percentile per-packet one-way delay: 23.762 ms
Loss rate: 18.36%
-- Flow 1:
Average throughput: 319.11 Mbit/s
95th percentile per-packet one-way delay: 24.289 ms
Loss rate: 15.61%
-- Flow 2:
Average throughput: 267.24 Mbit/s
95th percentile per-packet one-way delay: 22.018 ms
Loss rate: 19.65%
-- Flow 3:
Average throughput: 250.57 Mbit/s
95th percentile per-packet one-way delay: 24.619 ms
Loss rate: 25.18%
```

## Run 9: Report of TCP BBR — Data Link

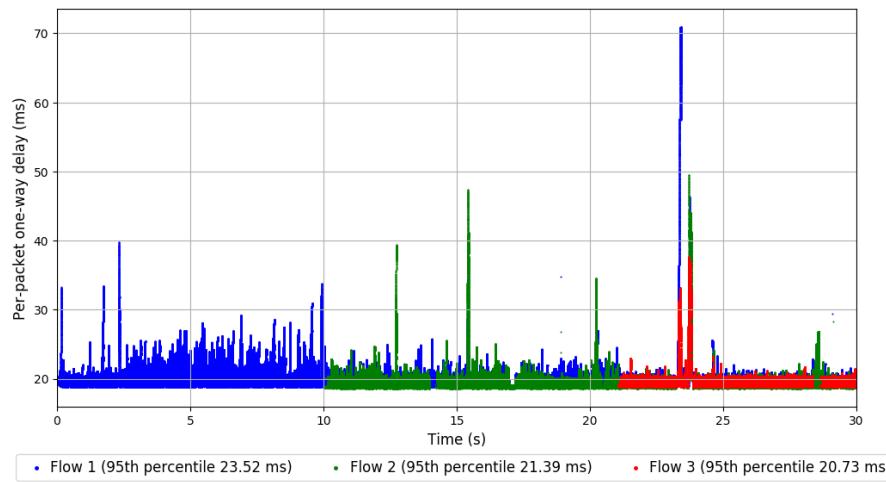
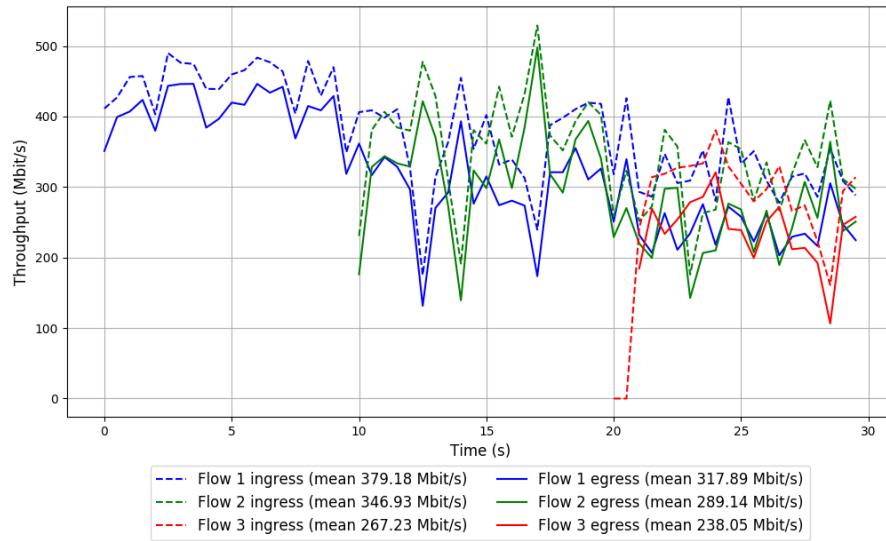


Run 10: Statistics of TCP BBR

```
Start at: 2017-11-16 13:54:34
End at: 2017-11-16 13:55:04
Local clock offset: 0.823 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at 2017-11-16 16:07:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 581.36 Mbit/s
95th percentile per-packet one-way delay: 22.730 ms
Loss rate: 16.81%
-- Flow 1:
Average throughput: 317.89 Mbit/s
95th percentile per-packet one-way delay: 23.522 ms
Loss rate: 16.16%
-- Flow 2:
Average throughput: 289.14 Mbit/s
95th percentile per-packet one-way delay: 21.386 ms
Loss rate: 16.66%
-- Flow 3:
Average throughput: 238.05 Mbit/s
95th percentile per-packet one-way delay: 20.731 ms
Loss rate: 19.94%
```

## Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

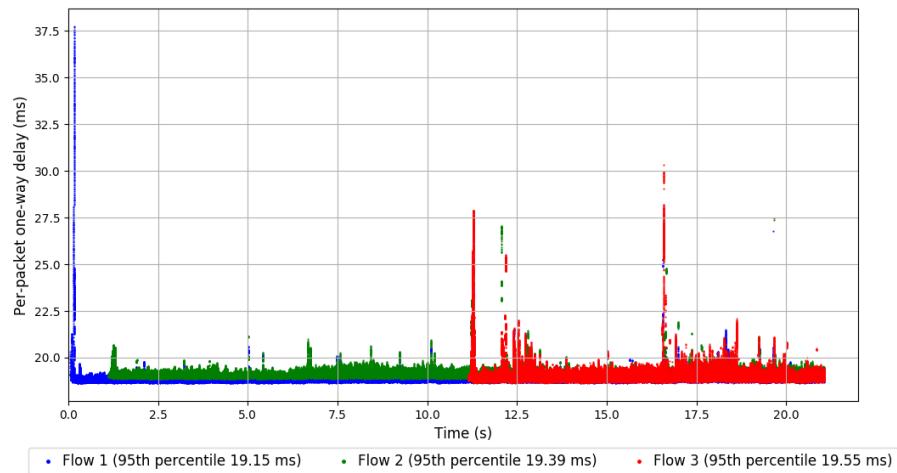
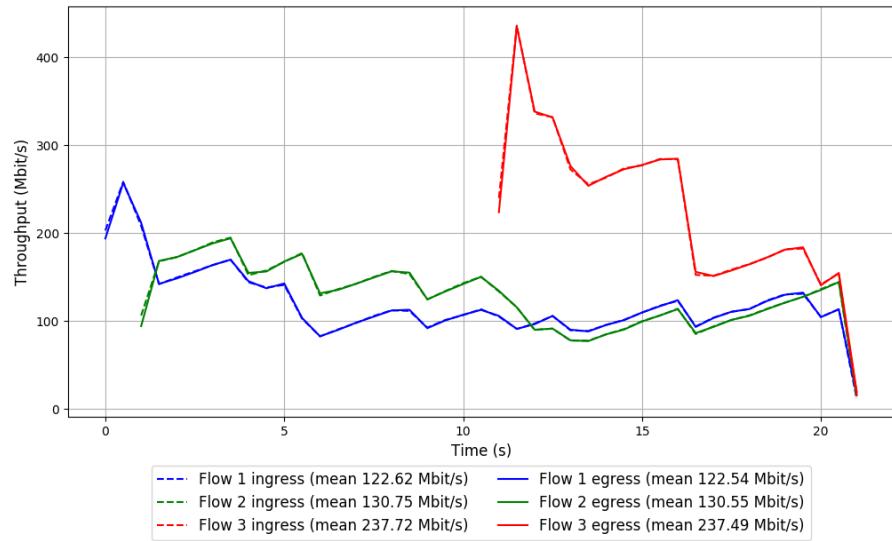
Start at: 2017-11-16 10:59:25

End at: 2017-11-16 10:59:55

Local clock offset: 1.192 ms

Remote clock offset: -0.277 ms

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



Run 2: Statistics of TCP Cubic

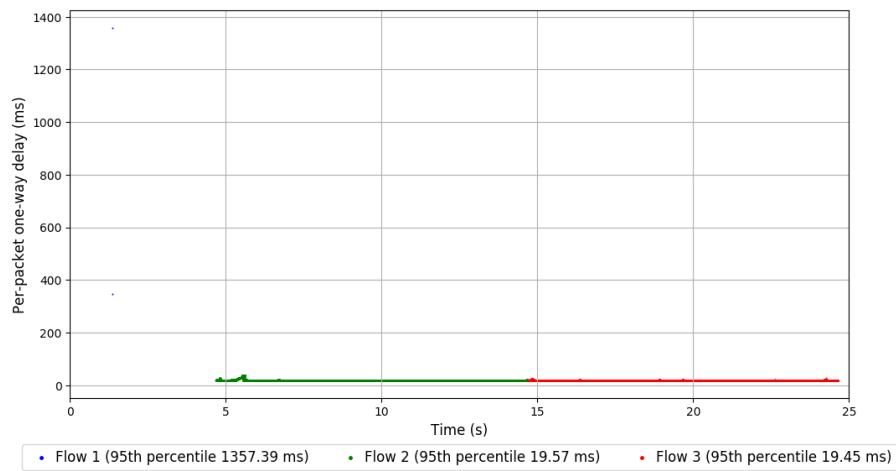
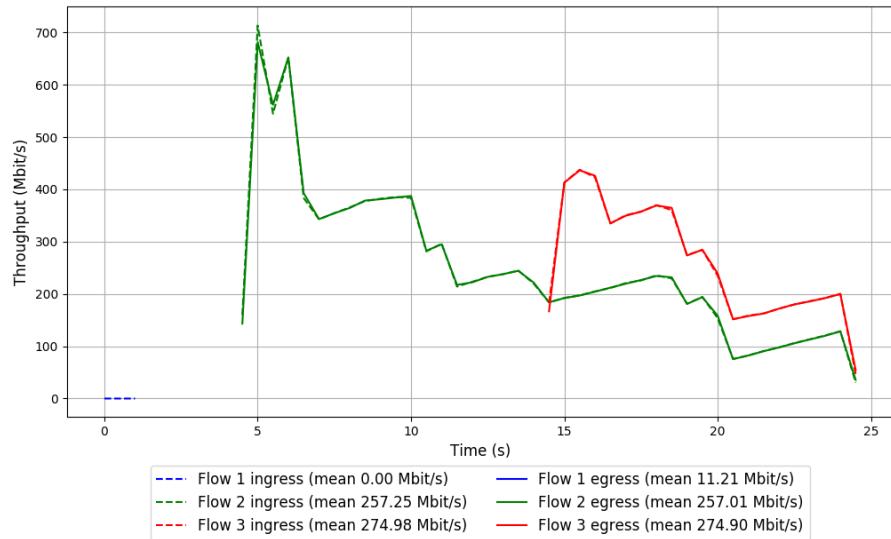
Start at: 2017-11-16 11:19:07

End at: 2017-11-16 11:19:37

Local clock offset: 1.3 ms

Remote clock offset: -0.448 ms

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



Run 3: Statistics of TCP Cubic

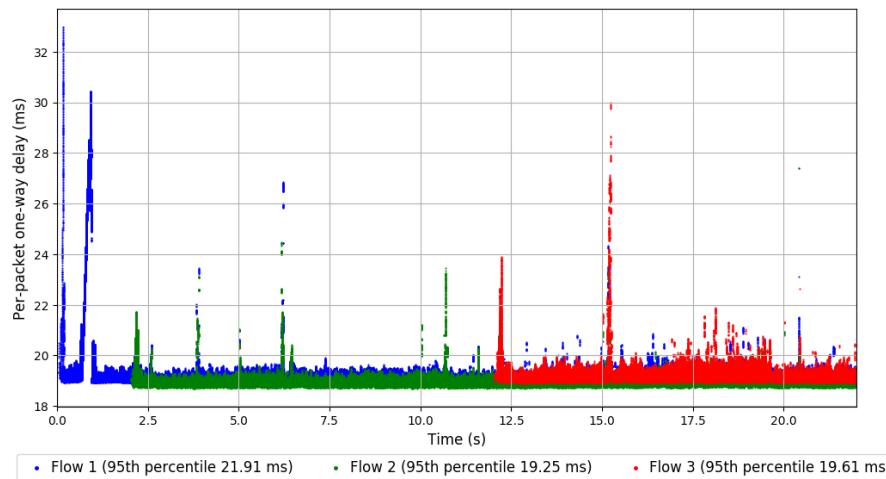
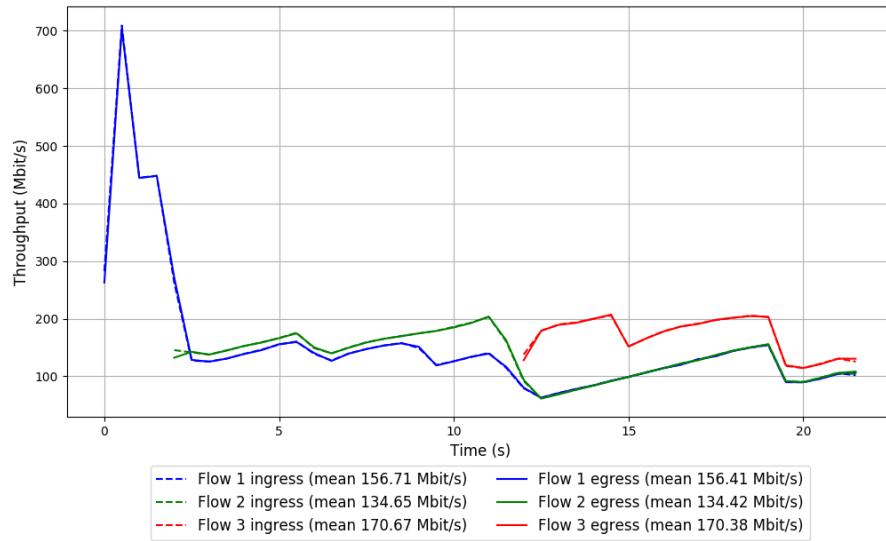
Start at: 2017-11-16 11:38:23

End at: 2017-11-16 11:38:53

Local clock offset: 1.263 ms

Remote clock offset: -0.555 ms

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

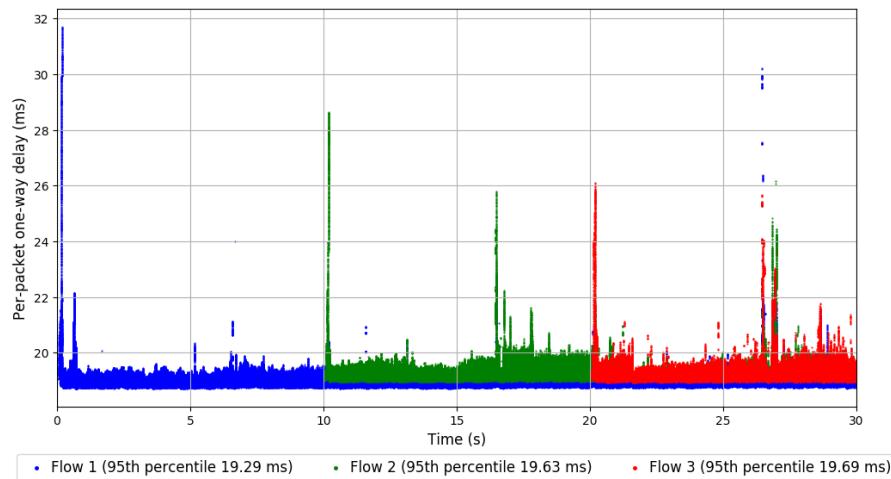
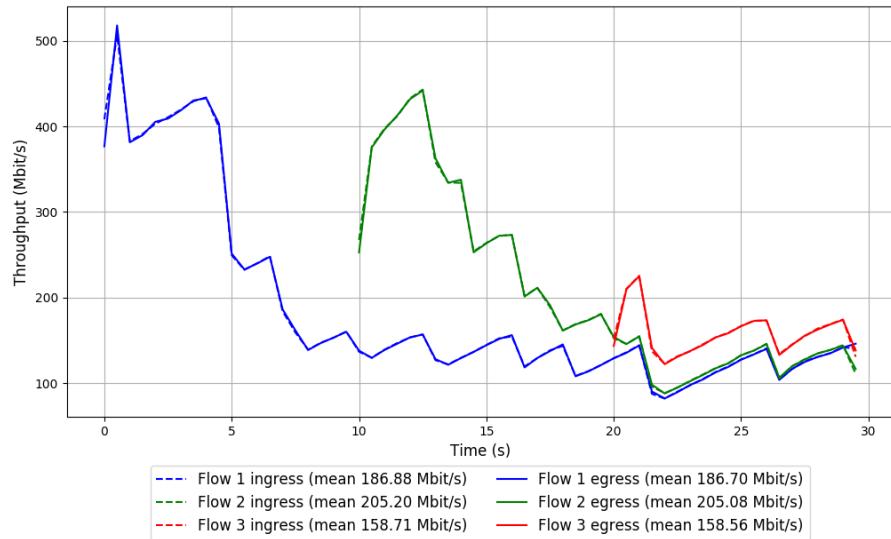


Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-16 11:57:49
End at: 2017-11-16 11:58:19
Local clock offset: 1.117 ms
Remote clock offset: -0.548 ms

# Below is generated by plot.py at 2017-11-16 16:07:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 375.91 Mbit/s
95th percentile per-packet one-way delay: 19.547 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 186.70 Mbit/s
95th percentile per-packet one-way delay: 19.291 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 205.08 Mbit/s
95th percentile per-packet one-way delay: 19.627 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 158.56 Mbit/s
95th percentile per-packet one-way delay: 19.688 ms
Loss rate: 0.09%
```

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



Run 5: Statistics of TCP Cubic

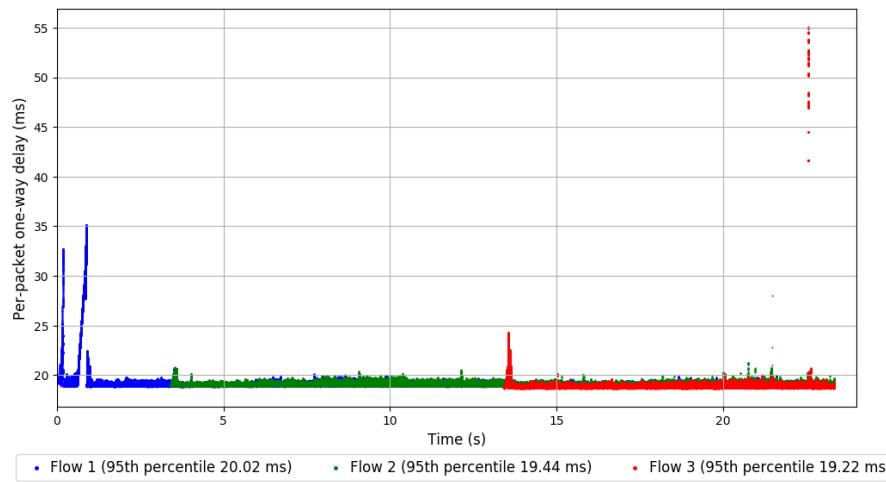
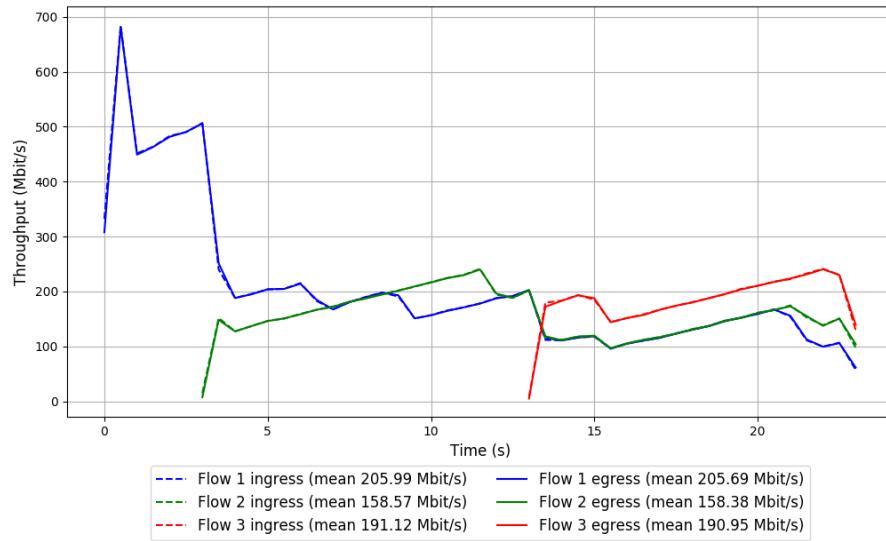
Start at: 2017-11-16 12:17:46

End at: 2017-11-16 12:18:16

Local clock offset: 1.146 ms

Remote clock offset: -0.316 ms

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



Run 6: Statistics of TCP Cubic

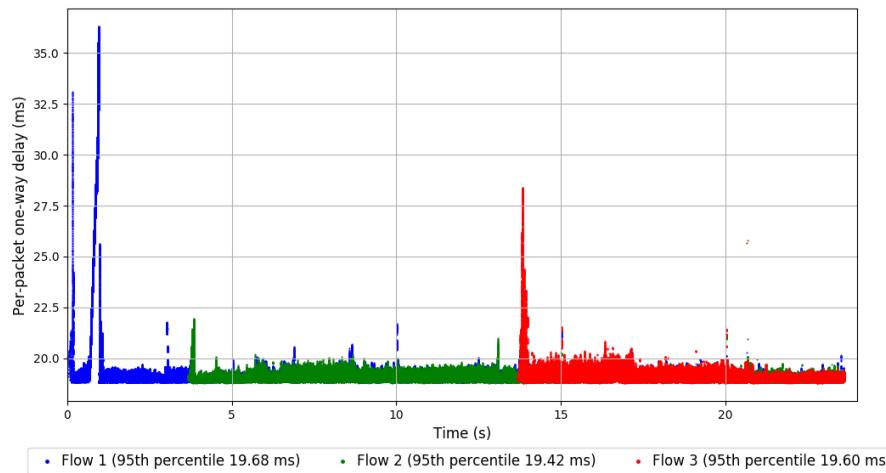
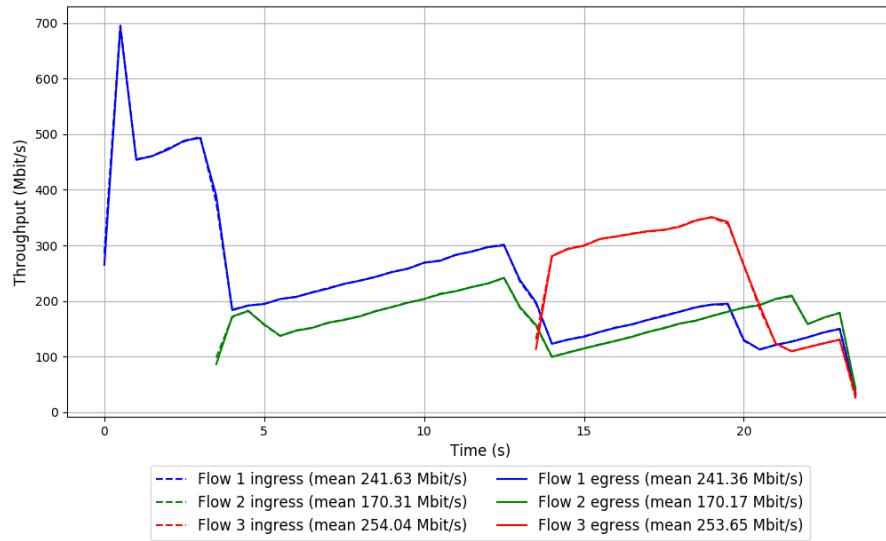
Start at: 2017-11-16 12:37:40

End at: 2017-11-16 12:38:10

Local clock offset: 0.984 ms

Remote clock offset: -0.266 ms

### Run 6: Report of TCP Cubic — Data Link

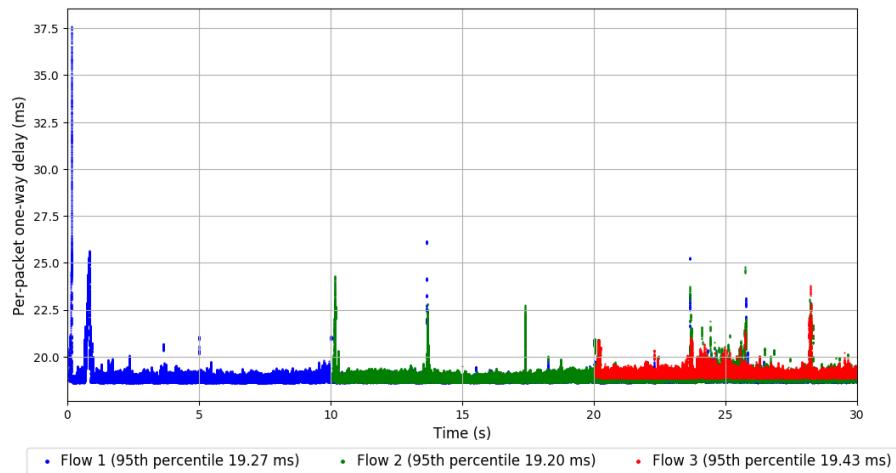
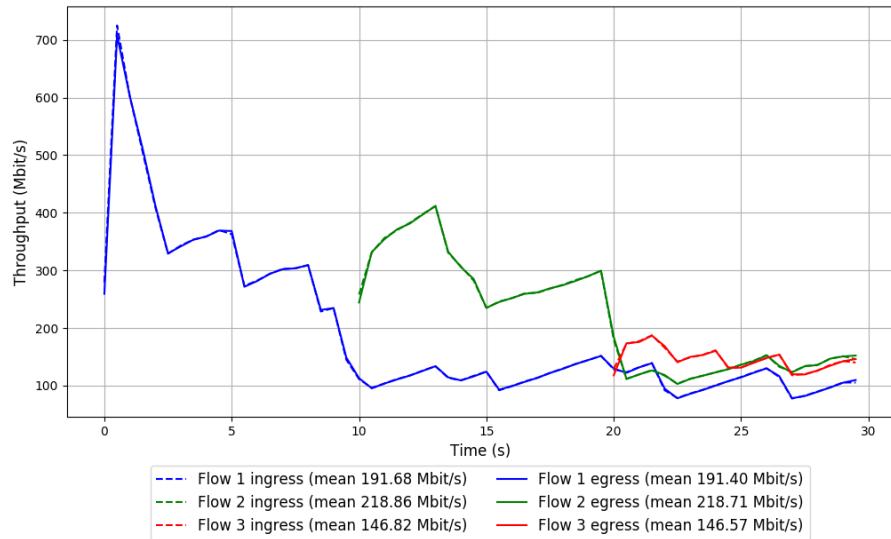


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-16 12:58:00
End at: 2017-11-16 12:58:30
Local clock offset: 0.997 ms
Remote clock offset: -0.447 ms

# Below is generated by plot.py at 2017-11-16 16:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.72 Mbit/s
95th percentile per-packet one-way delay: 19.298 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 191.40 Mbit/s
95th percentile per-packet one-way delay: 19.269 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 218.71 Mbit/s
95th percentile per-packet one-way delay: 19.196 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 146.57 Mbit/s
95th percentile per-packet one-way delay: 19.429 ms
Loss rate: 0.17%
```

### Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

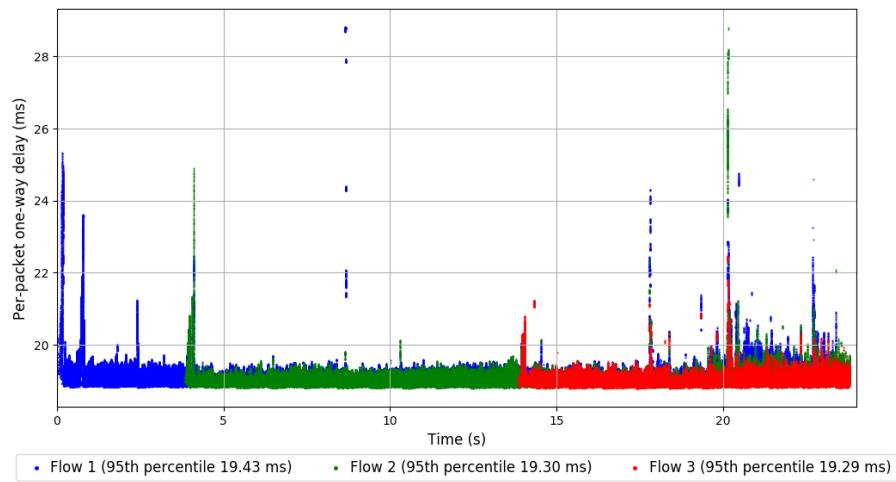
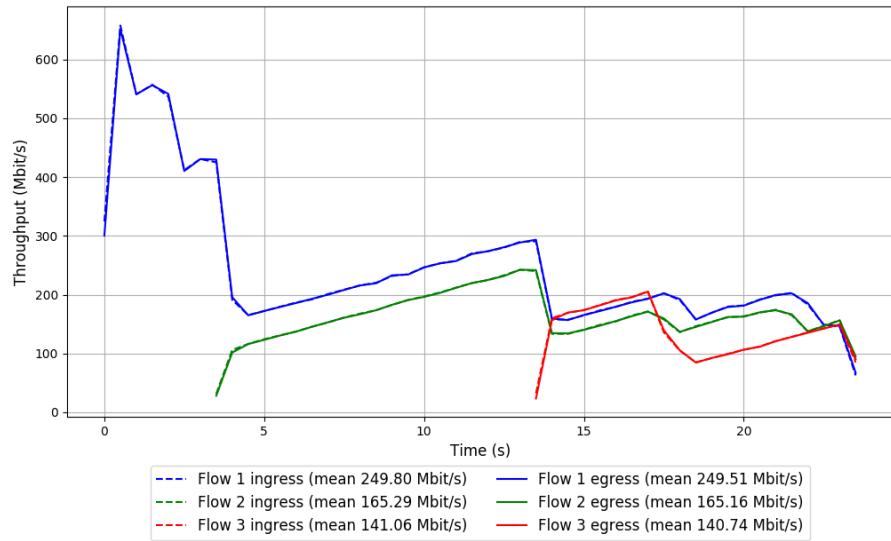
Start at: 2017-11-16 13:17:59

End at: 2017-11-16 13:18:29

Local clock offset: 0.935 ms

Remote clock offset: -0.734 ms

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

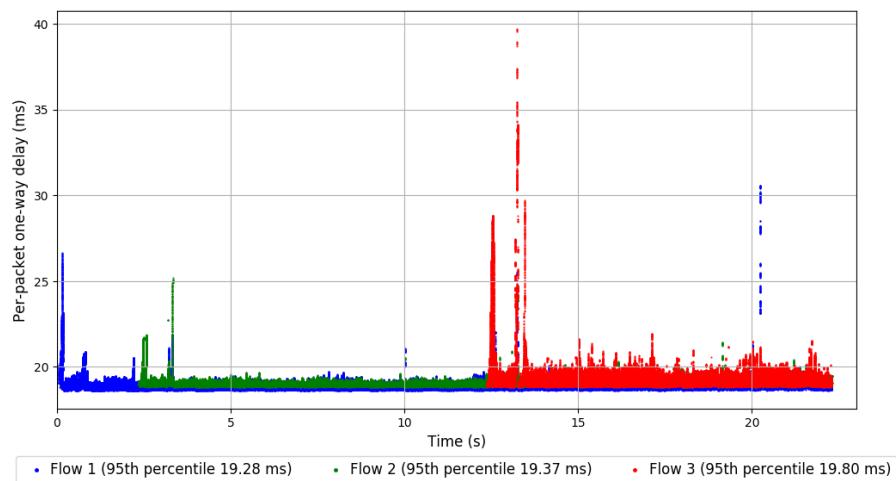
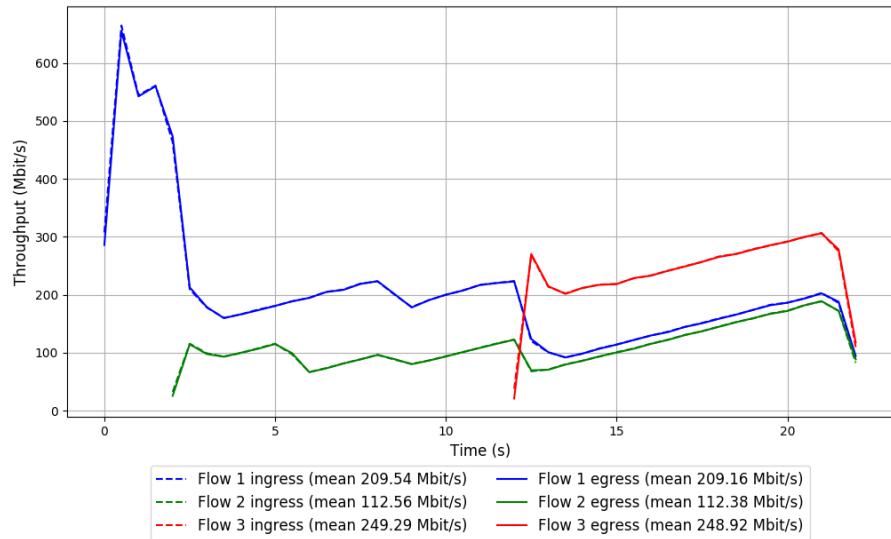
Start at: 2017-11-16 13:37:33

End at: 2017-11-16 13:38:03

Local clock offset: 0.833 ms

Remote clock offset: -1.029 ms

Run 9: Report of TCP Cubic — Data Link

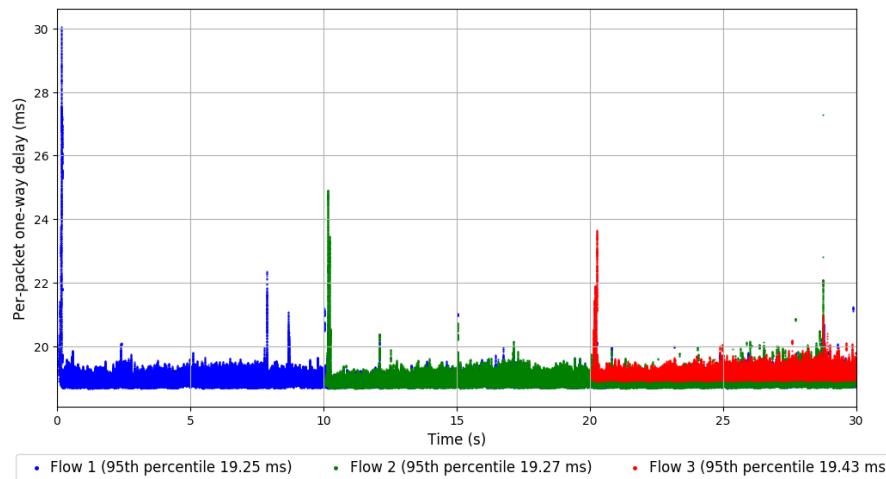
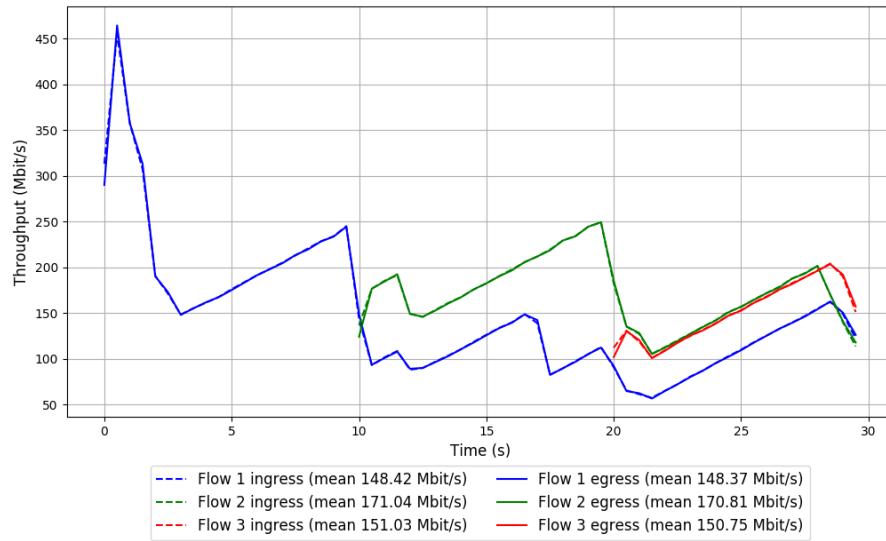


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-11-16 13:57:30
End at: 2017-11-16 13:58:00
Local clock offset: 0.788 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at 2017-11-16 16:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 312.17 Mbit/s
95th percentile per-packet one-way delay: 19.306 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 148.37 Mbit/s
95th percentile per-packet one-way delay: 19.245 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 170.81 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 150.75 Mbit/s
95th percentile per-packet one-way delay: 19.432 ms
Loss rate: 0.19%
```

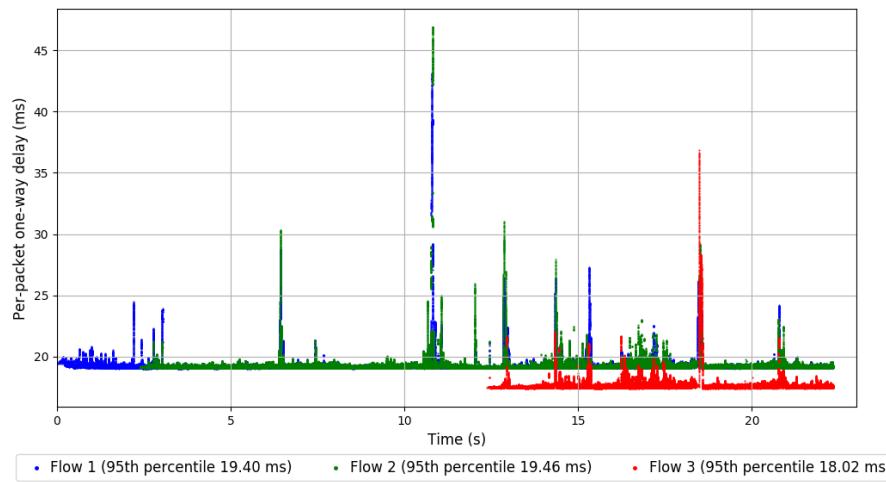
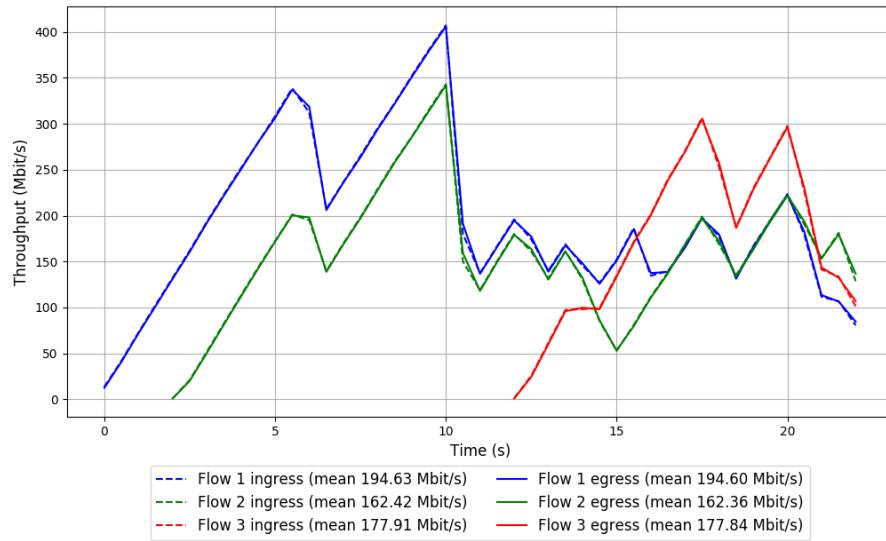
Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of LEDBAT

Start at: 2017-11-16 10:50:42  
End at: 2017-11-16 10:51:12  
Local clock offset: 1.053 ms  
Remote clock offset: 0.027 ms

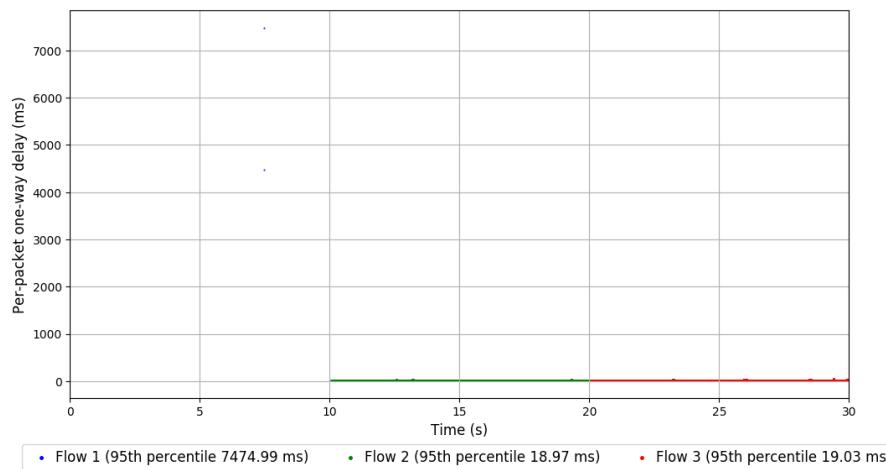
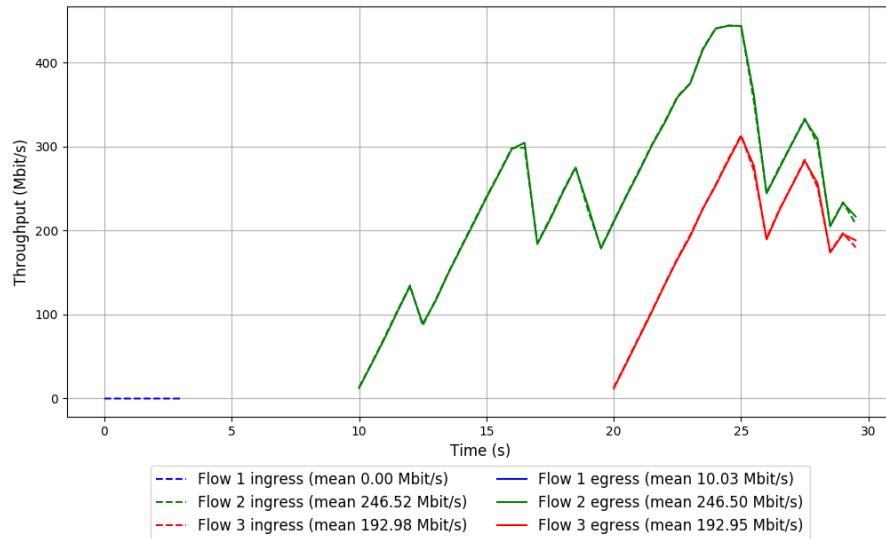
Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-11-16 11:10:28  
End at: 2017-11-16 11:10:58  
Local clock offset: 1.313 ms  
Remote clock offset: -0.447 ms

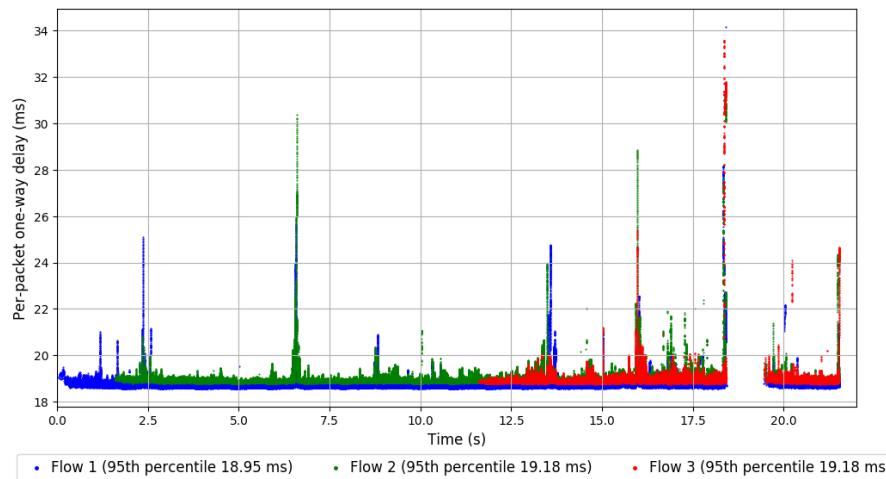
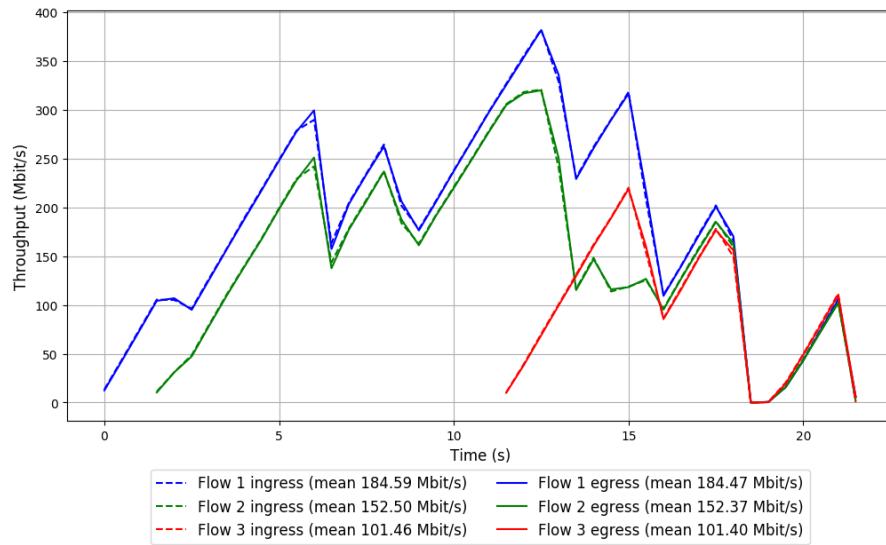
## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-11-16 11:29:46  
End at: 2017-11-16 11:30:16  
Local clock offset: 1.456 ms  
Remote clock offset: -0.544 ms

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

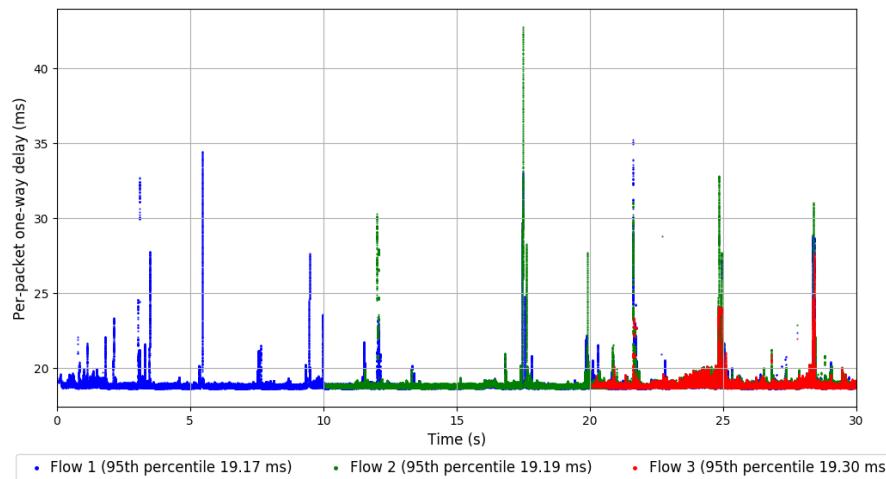
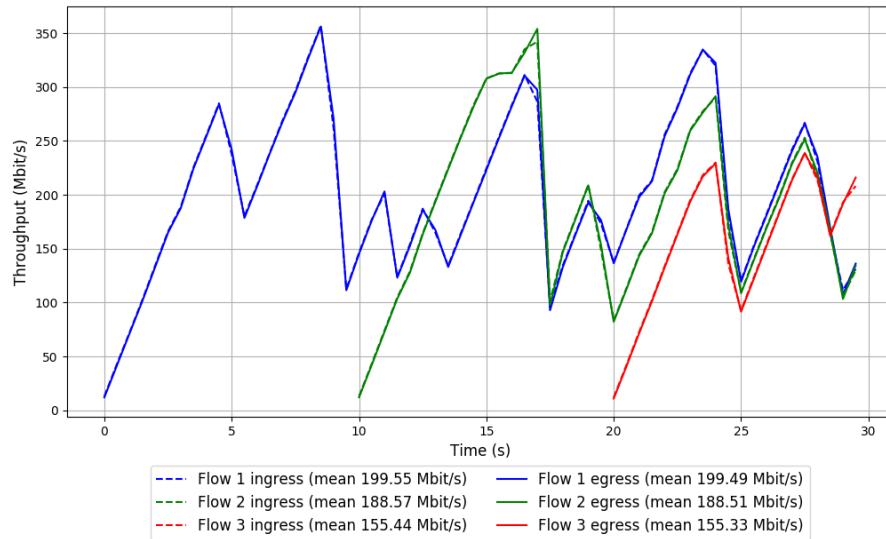


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-16 11:49:04
End at: 2017-11-16 11:49:34
Local clock offset: 1.273 ms
Remote clock offset: -0.398 ms

# Below is generated by plot.py at 2017-11-16 16:13:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 376.49 Mbit/s
95th percentile per-packet one-way delay: 19.201 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 199.49 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 188.51 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 155.33 Mbit/s
95th percentile per-packet one-way delay: 19.302 ms
Loss rate: 0.07%
```

Run 4: Report of LEDBAT — Data Link

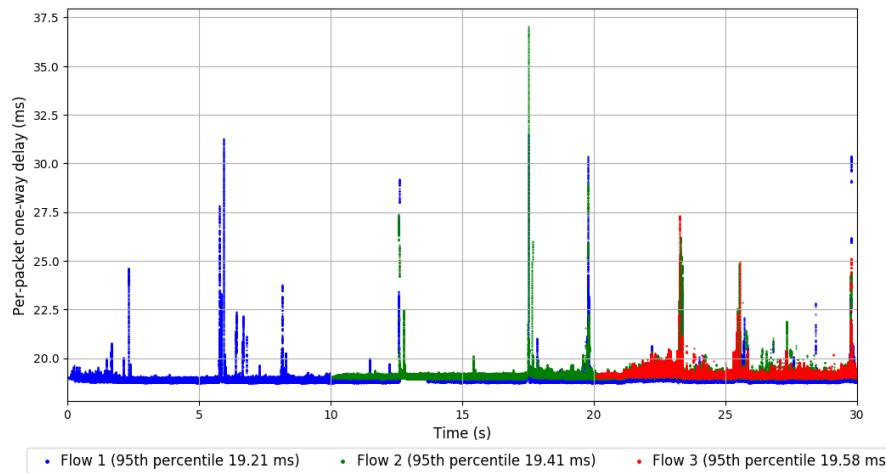
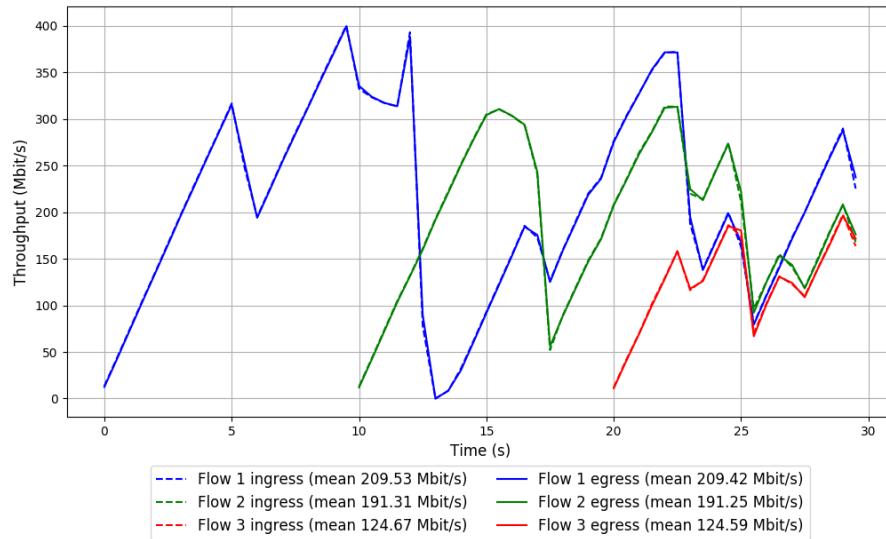


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-16 12:08:59
End at: 2017-11-16 12:09:29
Local clock offset: 1.092 ms
Remote clock offset: -0.488 ms

# Below is generated by plot.py at 2017-11-16 16:13:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 378.07 Mbit/s
95th percentile per-packet one-way delay: 19.378 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 209.42 Mbit/s
95th percentile per-packet one-way delay: 19.212 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 191.25 Mbit/s
95th percentile per-packet one-way delay: 19.405 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 124.59 Mbit/s
95th percentile per-packet one-way delay: 19.580 ms
Loss rate: 0.06%
```

Run 5: Report of LEDBAT — Data Link

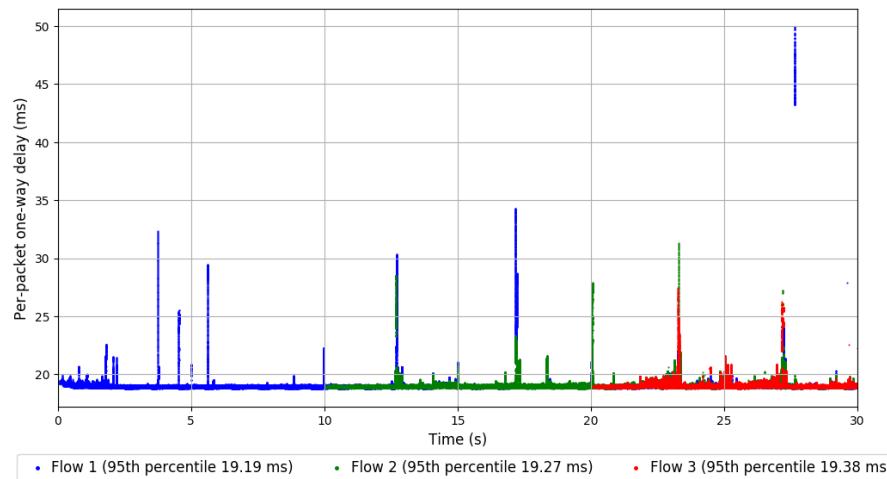
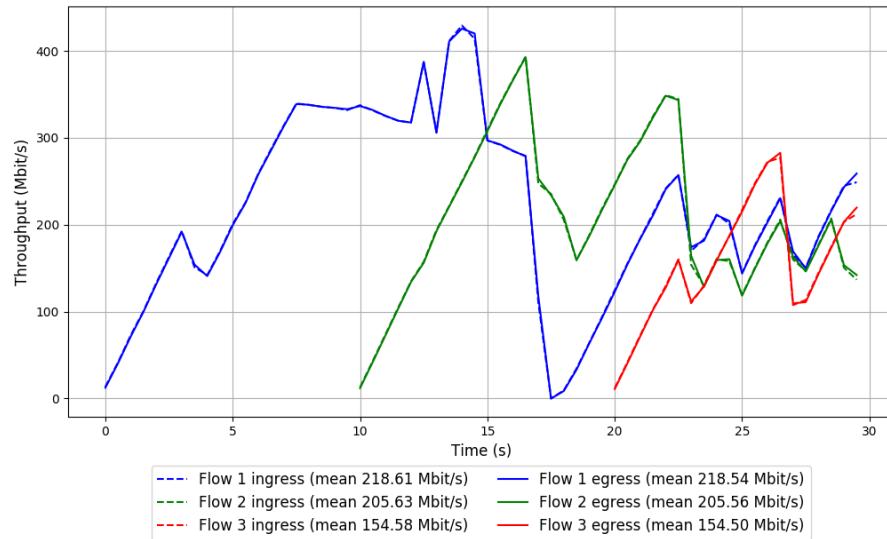


Run 6: Statistics of LEDBAT

```
Start at: 2017-11-16 12:28:52
End at: 2017-11-16 12:29:22
Local clock offset: 1.025 ms
Remote clock offset: -0.18 ms

# Below is generated by plot.py at 2017-11-16 16:13:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 406.68 Mbit/s
95th percentile per-packet one-way delay: 19.244 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 218.54 Mbit/s
95th percentile per-packet one-way delay: 19.191 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 205.56 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 154.50 Mbit/s
95th percentile per-packet one-way delay: 19.383 ms
Loss rate: 0.02%
```

Run 6: Report of LEDBAT — Data Link

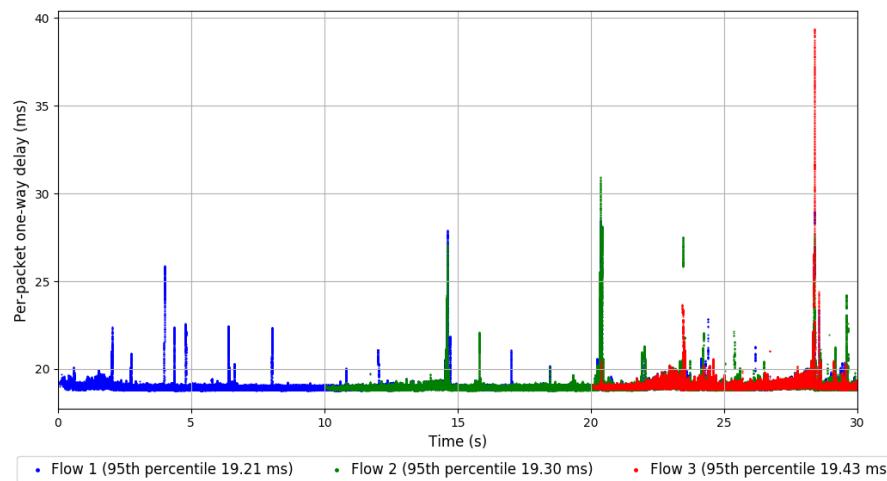
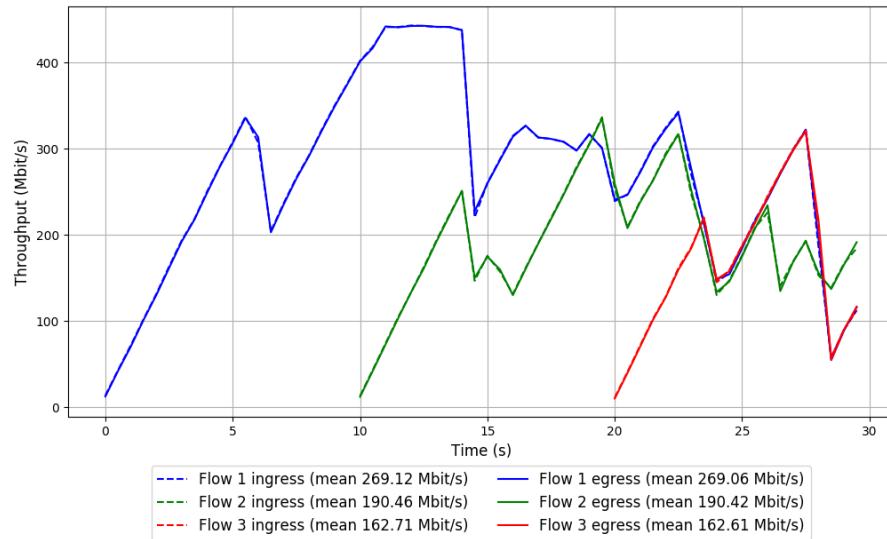


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-16 12:49:09
End at: 2017-11-16 12:49:39
Local clock offset: 0.998 ms
Remote clock offset: -0.213 ms

# Below is generated by plot.py at 2017-11-16 16:14:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 449.77 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 269.06 Mbit/s
95th percentile per-packet one-way delay: 19.207 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 190.42 Mbit/s
95th percentile per-packet one-way delay: 19.296 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 162.61 Mbit/s
95th percentile per-packet one-way delay: 19.429 ms
Loss rate: 0.06%
```

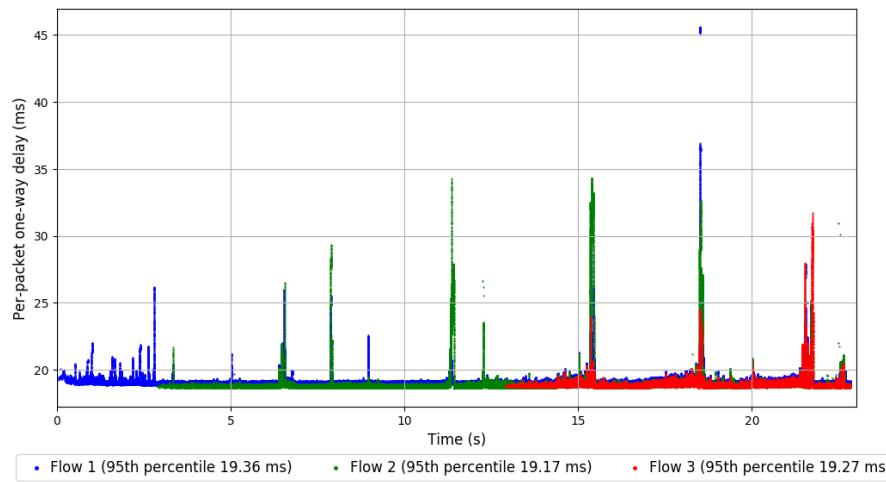
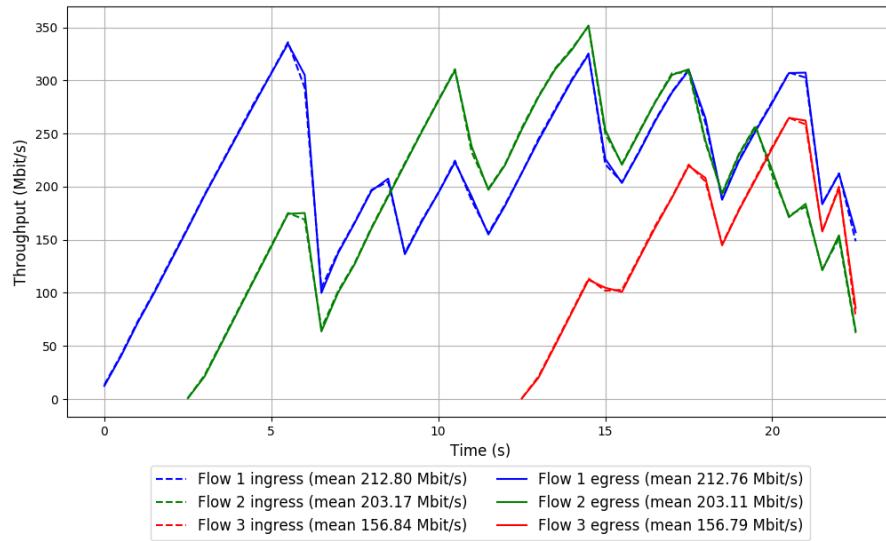
## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-11-16 13:09:14  
End at: 2017-11-16 13:09:44  
Local clock offset: 1.005 ms  
Remote clock offset: -0.634 ms

Run 8: Report of LEDBAT — Data Link

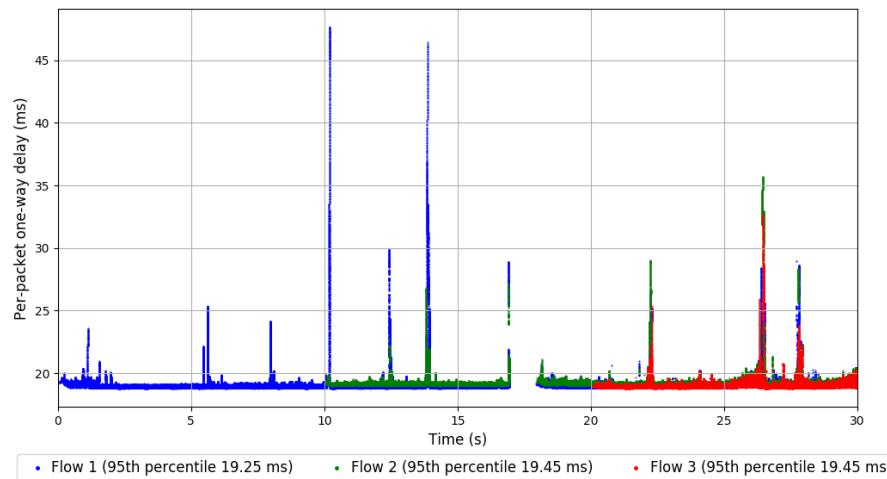
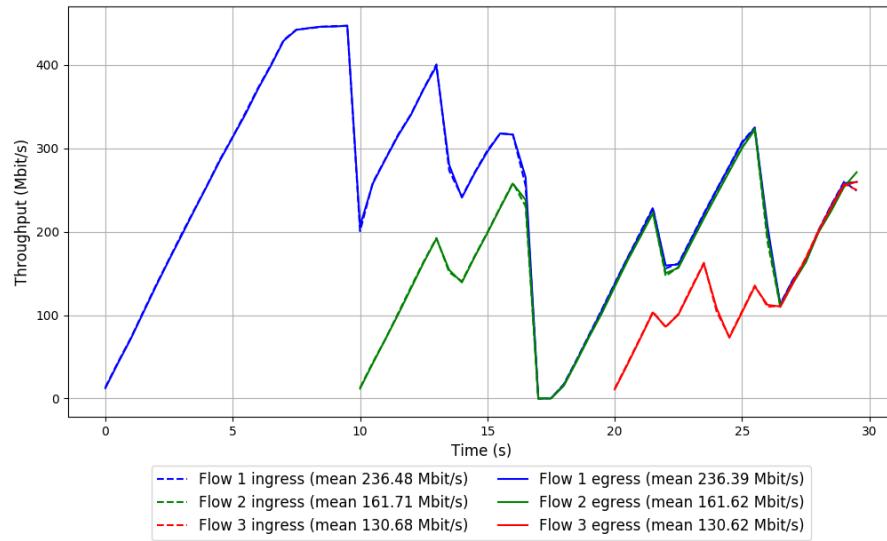


Run 9: Statistics of LEDBAT

```
Start at: 2017-11-16 13:28:47
End at: 2017-11-16 13:29:17
Local clock offset: 0.792 ms
Remote clock offset: -0.774 ms

# Below is generated by plot.py at 2017-11-16 16:14:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 387.37 Mbit/s
95th percentile per-packet one-way delay: 19.373 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 236.39 Mbit/s
95th percentile per-packet one-way delay: 19.246 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 161.62 Mbit/s
95th percentile per-packet one-way delay: 19.454 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 130.62 Mbit/s
95th percentile per-packet one-way delay: 19.445 ms
Loss rate: 0.05%
```

Run 9: Report of LEDBAT — Data Link

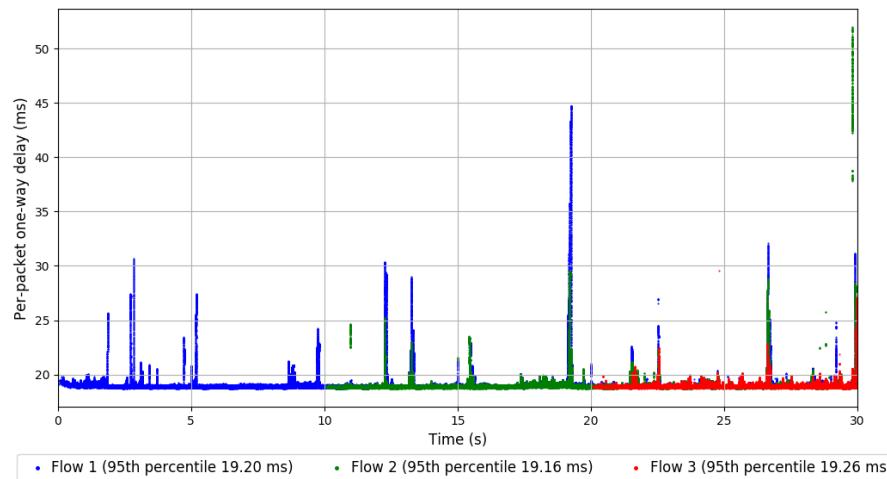
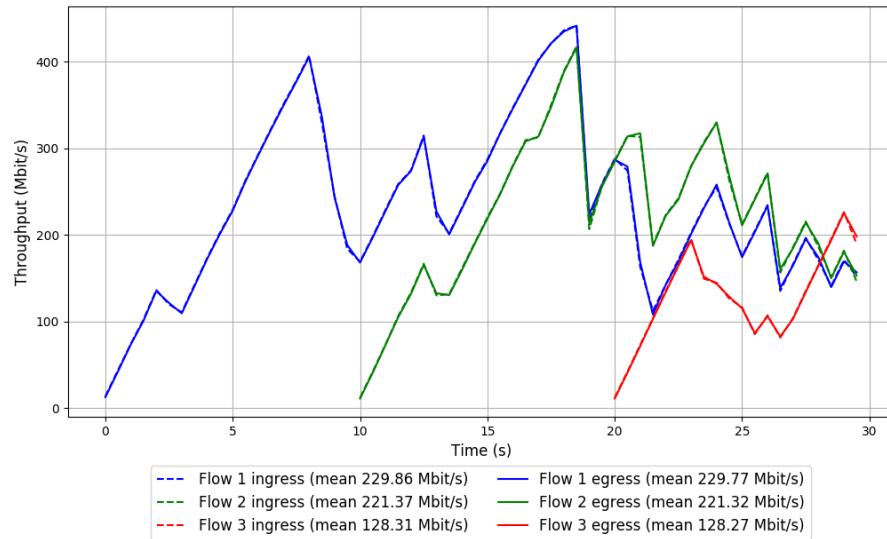


Run 10: Statistics of LEDBAT

```
Start at: 2017-11-16 13:48:41
End at: 2017-11-16 13:49:11
Local clock offset: 0.724 ms
Remote clock offset: -1.145 ms

# Below is generated by plot.py at 2017-11-16 16:15:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.54 Mbit/s
95th percentile per-packet one-way delay: 19.191 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 229.77 Mbit/s
95th percentile per-packet one-way delay: 19.201 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 221.32 Mbit/s
95th percentile per-packet one-way delay: 19.163 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 128.27 Mbit/s
95th percentile per-packet one-way delay: 19.256 ms
Loss rate: 0.04%
```

## Run 10: Report of LEDBAT — Data Link

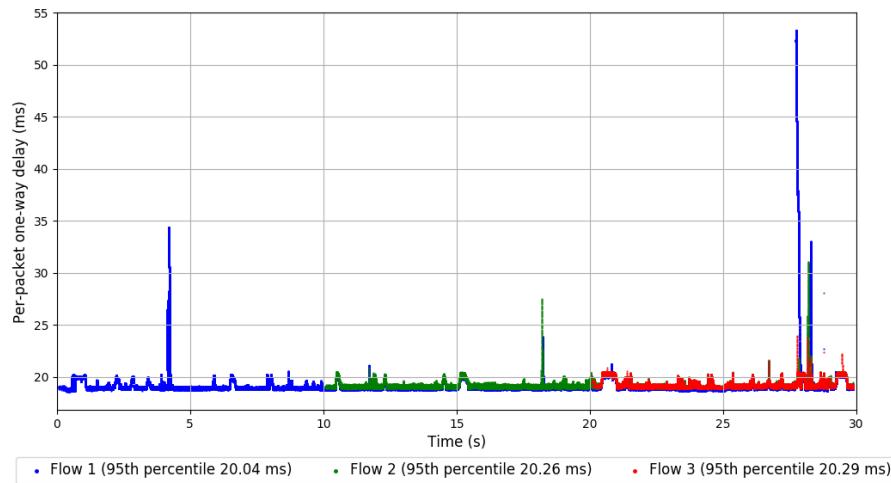
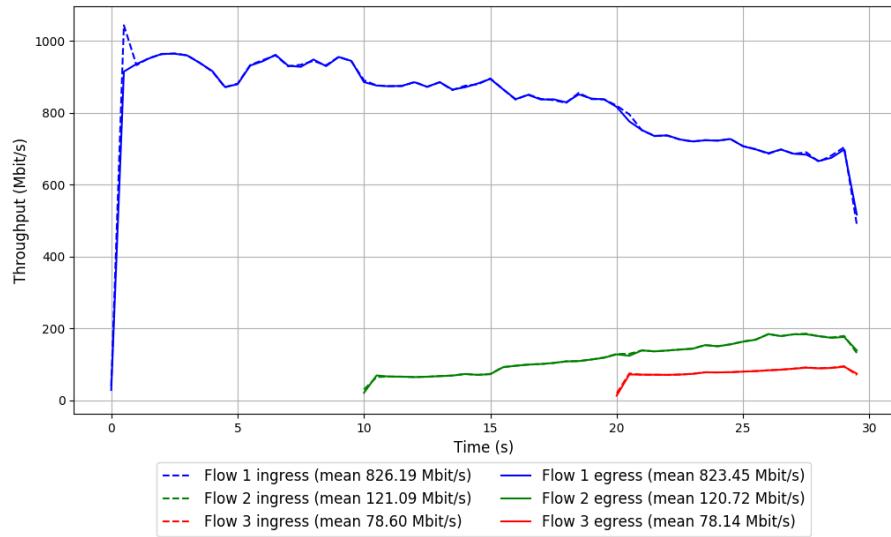


Run 1: Statistics of PCC

```
Start at: 2017-11-16 10:46:07
End at: 2017-11-16 10:46:37
Local clock offset: 1.09 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2017-11-16 16:24:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 929.38 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 823.45 Mbit/s
95th percentile per-packet one-way delay: 20.040 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 120.72 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 78.14 Mbit/s
95th percentile per-packet one-way delay: 20.293 ms
Loss rate: 0.59%
```

## Run 1: Report of PCC — Data Link

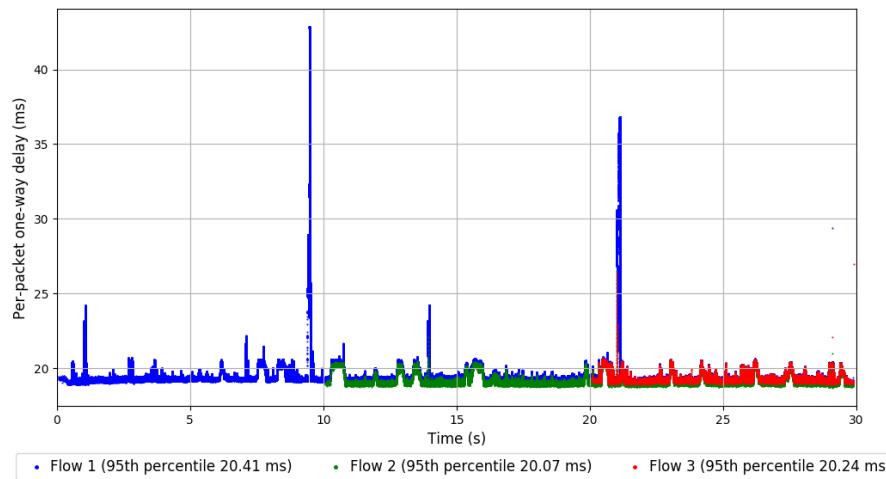
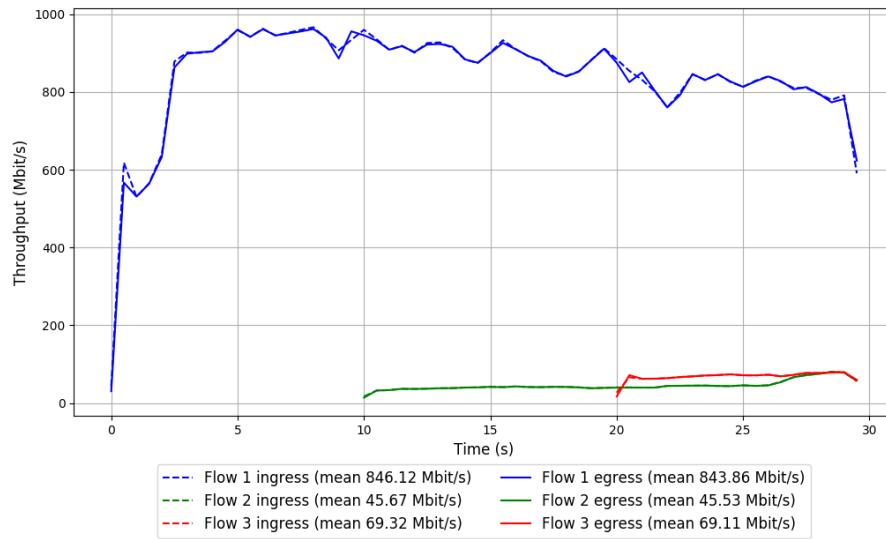


Run 2: Statistics of PCC

```
Start at: 2017-11-16 11:05:55
End at: 2017-11-16 11:06:25
Local clock offset: 1.252 ms
Remote clock offset: -0.345 ms

# Below is generated by plot.py at 2017-11-16 16:26:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 896.66 Mbit/s
95th percentile per-packet one-way delay: 20.401 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 843.86 Mbit/s
95th percentile per-packet one-way delay: 20.410 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 20.068 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 20.240 ms
Loss rate: 0.22%
```

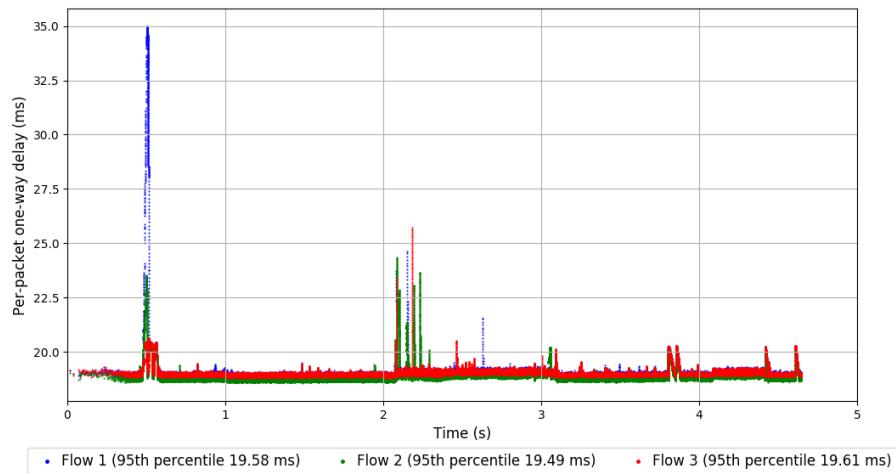
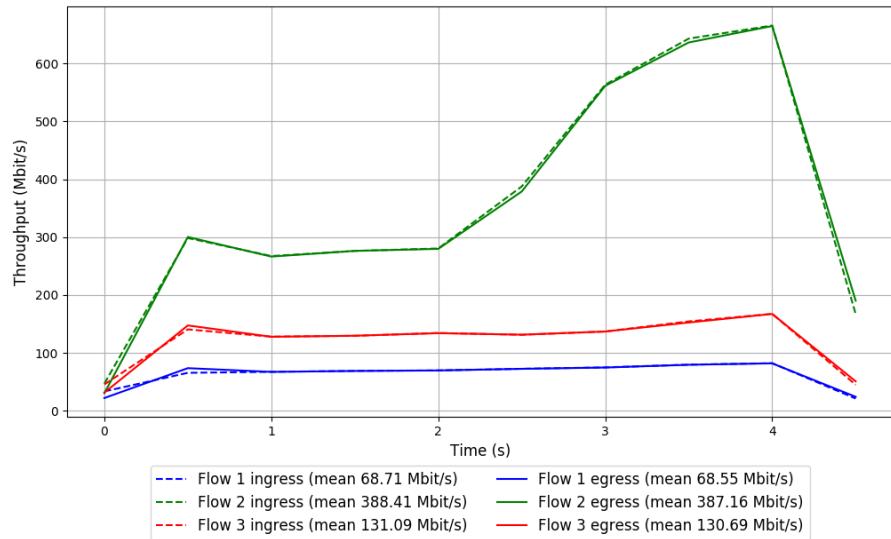
## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-11-16 11:25:38  
End at: 2017-11-16 11:26:08  
Local clock offset: 1.47 ms  
Remote clock offset: -0.514 ms

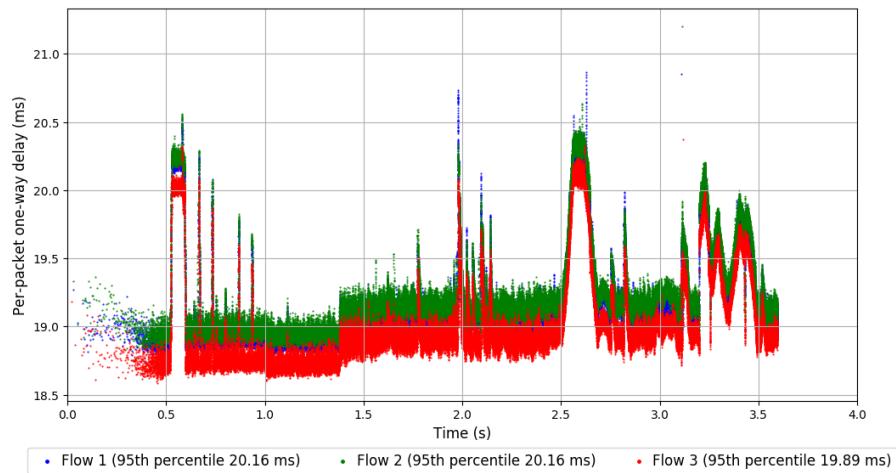
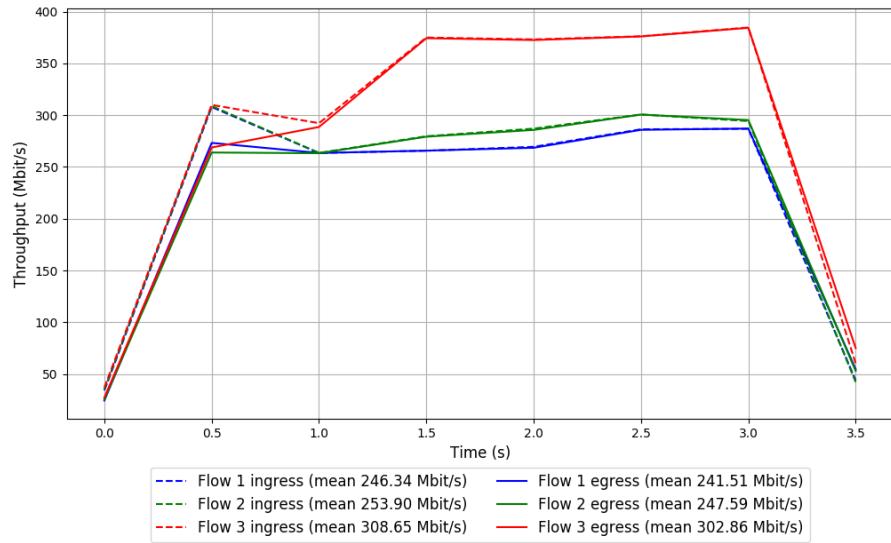
### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-11-16 11:44:56  
End at: 2017-11-16 11:45:26  
Local clock offset: 1.289 ms  
Remote clock offset: -0.563 ms

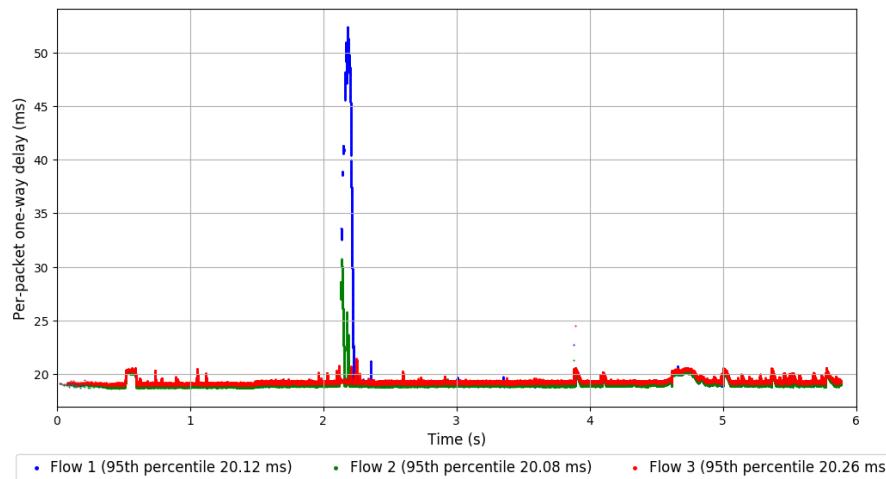
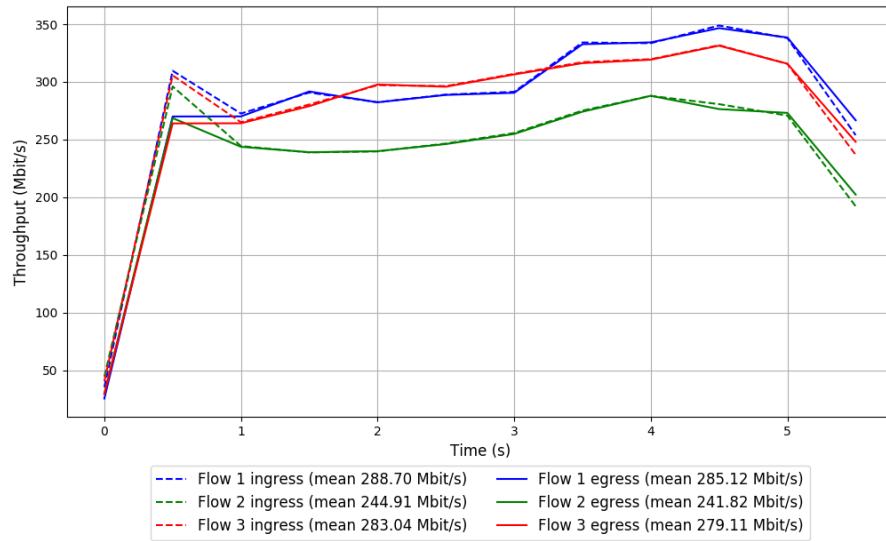
## Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-11-16 12:04:45  
End at: 2017-11-16 12:05:15  
Local clock offset: 1.156 ms  
Remote clock offset: -0.508 ms

Run 5: Report of PCC — Data Link

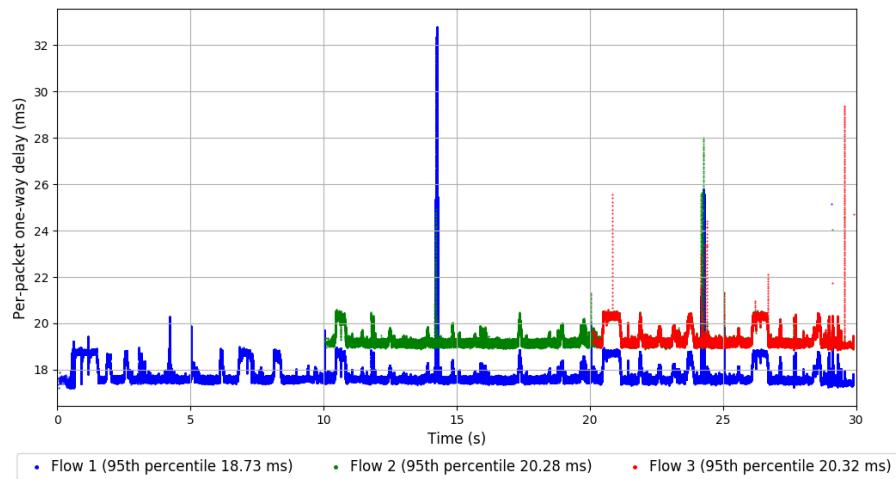
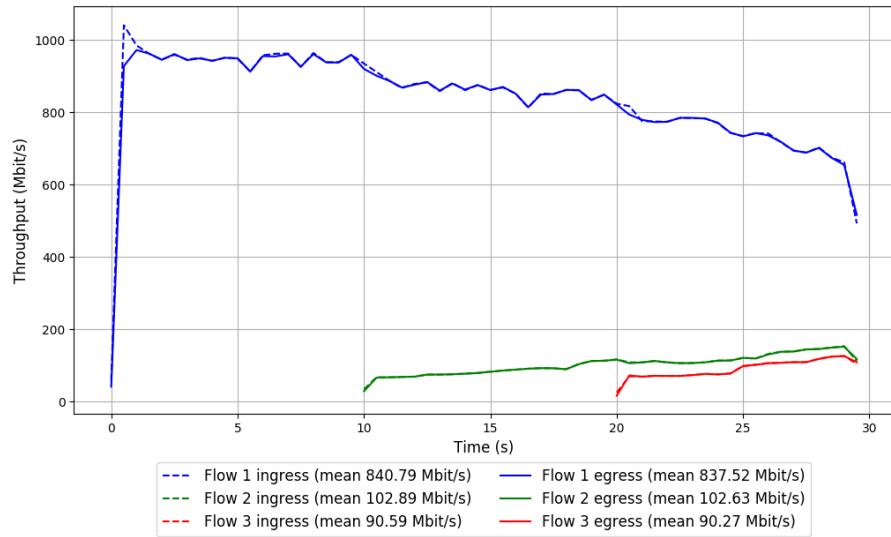


Run 6: Statistics of PCC

```
Start at: 2017-11-16 12:24:20
End at: 2017-11-16 12:24:50
Local clock offset: 1.007 ms
Remote clock offset: -0.26 ms

# Below is generated by plot.py at 2017-11-16 16:28:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 935.27 Mbit/s
95th percentile per-packet one-way delay: 19.220 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 837.52 Mbit/s
95th percentile per-packet one-way delay: 18.728 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 102.63 Mbit/s
95th percentile per-packet one-way delay: 20.283 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 20.319 ms
Loss rate: 0.30%
```

## Run 6: Report of PCC — Data Link

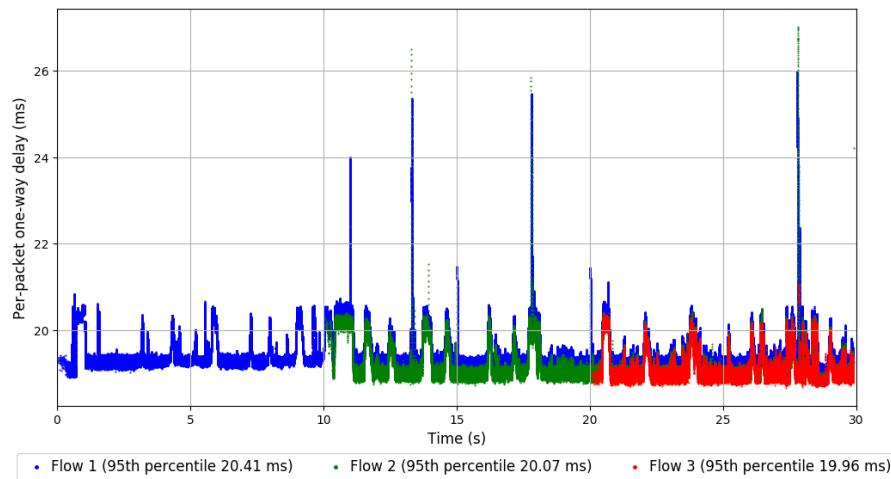
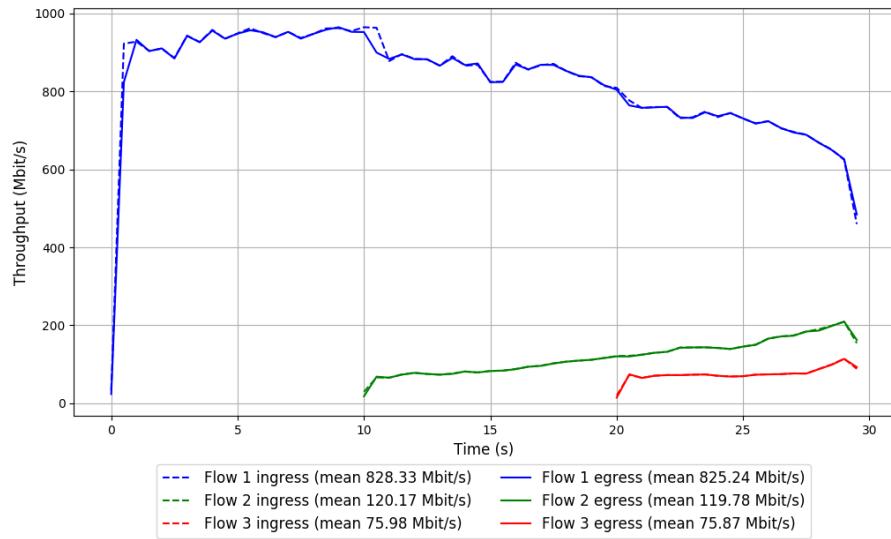


Run 7: Statistics of PCC

```
Start at: 2017-11-16 12:44:36
End at: 2017-11-16 12:45:06
Local clock offset: 0.864 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at 2017-11-16 16:28:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 929.71 Mbit/s
95th percentile per-packet one-way delay: 20.392 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 825.24 Mbit/s
95th percentile per-packet one-way delay: 20.413 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 119.78 Mbit/s
95th percentile per-packet one-way delay: 20.074 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 19.962 ms
Loss rate: 0.14%
```

## Run 7: Report of PCC — Data Link

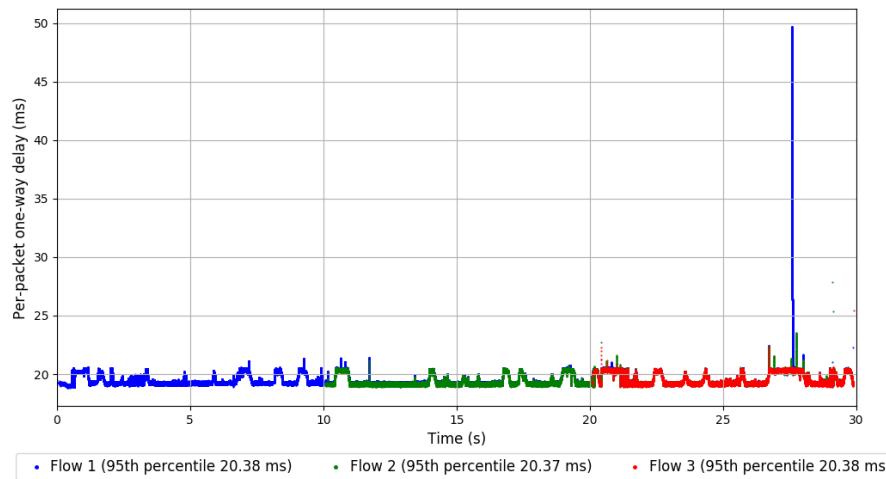
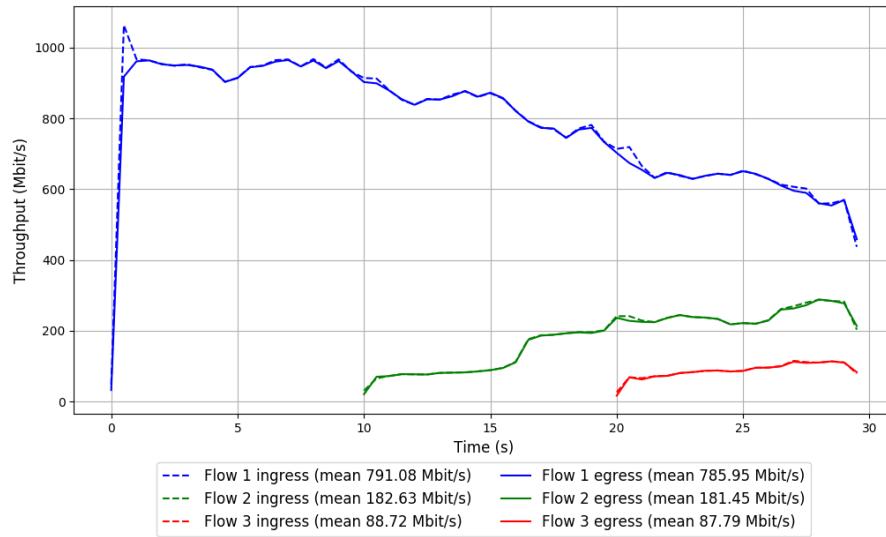


Run 8: Statistics of PCC

```
Start at: 2017-11-16 13:04:41
End at: 2017-11-16 13:05:11
Local clock offset: 1.009 ms
Remote clock offset: -0.594 ms

# Below is generated by plot.py at 2017-11-16 16:29:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 935.37 Mbit/s
95th percentile per-packet one-way delay: 20.377 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 785.95 Mbit/s
95th percentile per-packet one-way delay: 20.379 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 181.45 Mbit/s
95th percentile per-packet one-way delay: 20.369 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 20.375 ms
Loss rate: 0.99%
```

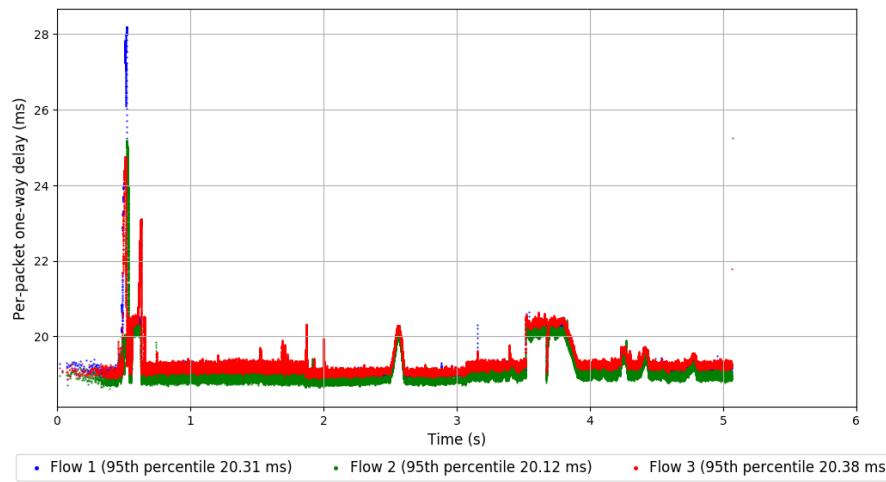
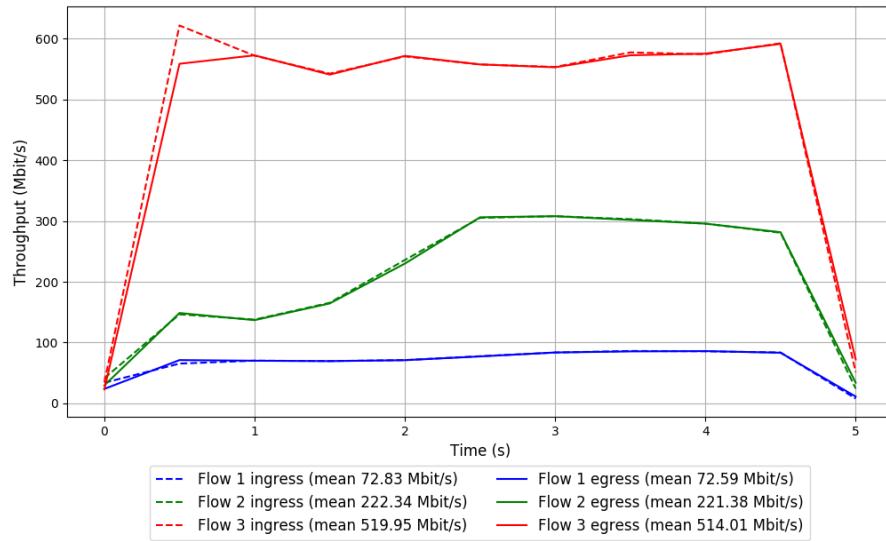
## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-11-16 13:24:36  
End at: 2017-11-16 13:25:06  
Local clock offset: 0.898 ms  
Remote clock offset: -0.741 ms

## Run 9: Report of PCC — Data Link

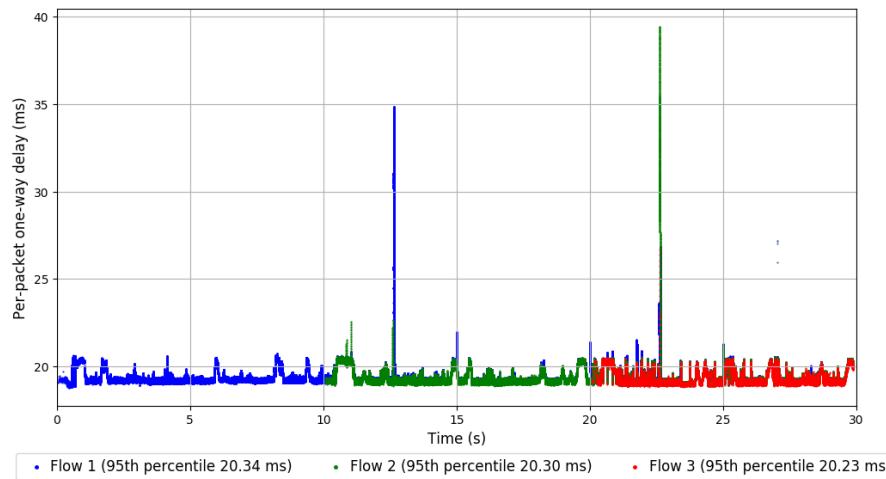
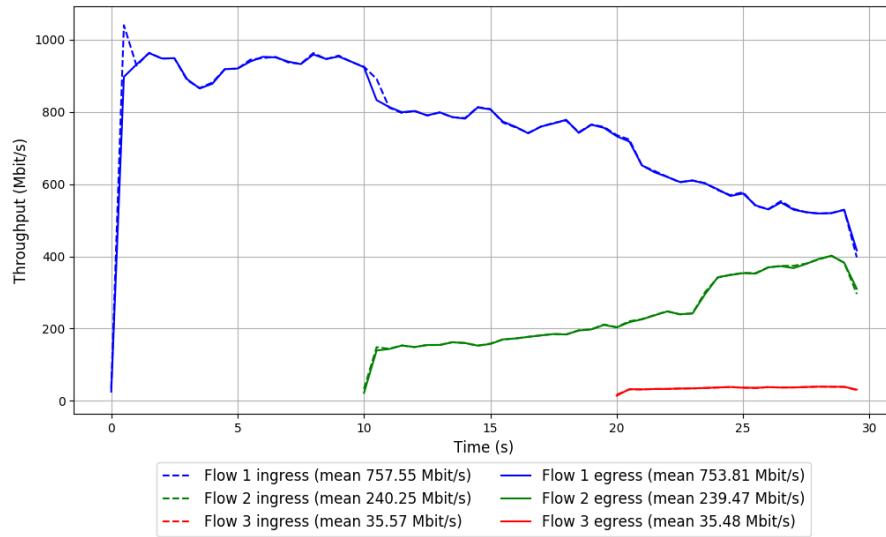


Run 10: Statistics of PCC

```
Start at: 2017-11-16 13:44:06
End at: 2017-11-16 13:44:36
Local clock offset: 0.822 ms
Remote clock offset: -1.13 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 924.63 Mbit/s
95th percentile per-packet one-way delay: 20.331 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 753.81 Mbit/s
95th percentile per-packet one-way delay: 20.339 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 239.47 Mbit/s
95th percentile per-packet one-way delay: 20.299 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 20.235 ms
Loss rate: 0.24%
```

Run 10: Report of PCC — Data Link

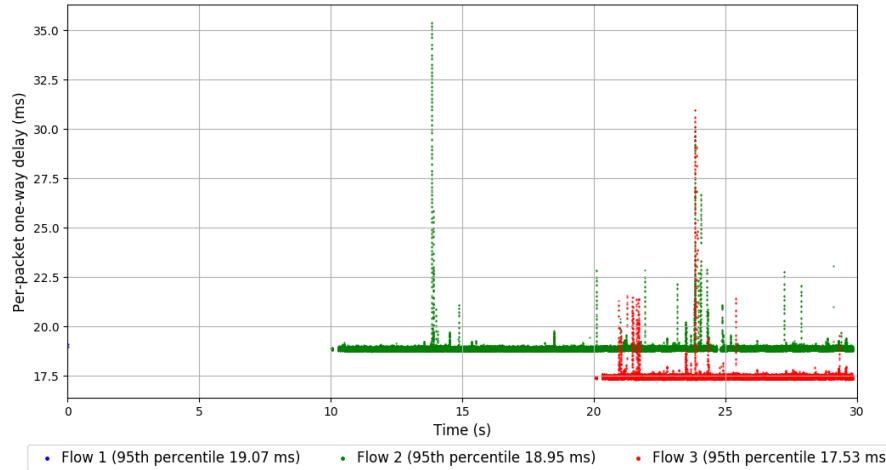
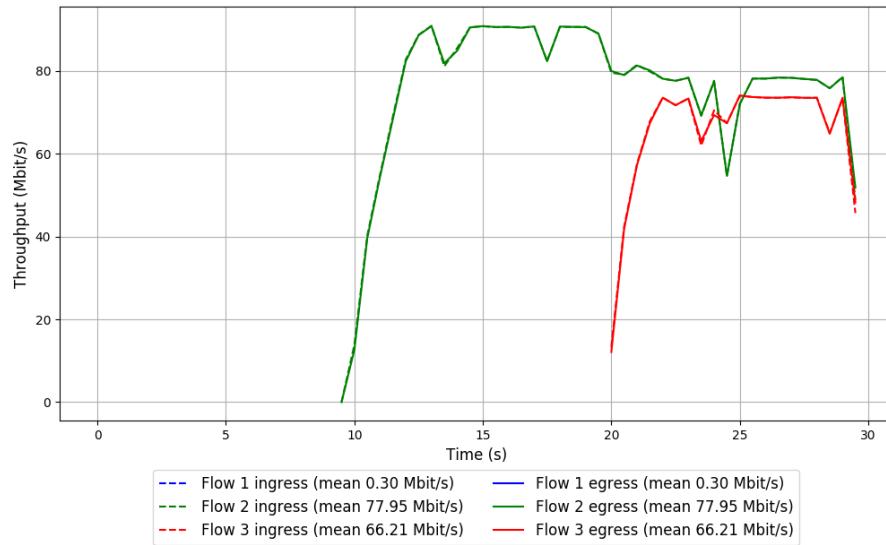


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2017-11-16 11:00:47
End at: 2017-11-16 11:01:17
Local clock offset: 1.104 ms
Remote clock offset: -0.322 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.65 Mbit/s
95th percentile per-packet one-way delay: 18.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 19.073 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 18.947 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 66.21 Mbit/s
95th percentile per-packet one-way delay: 17.526 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

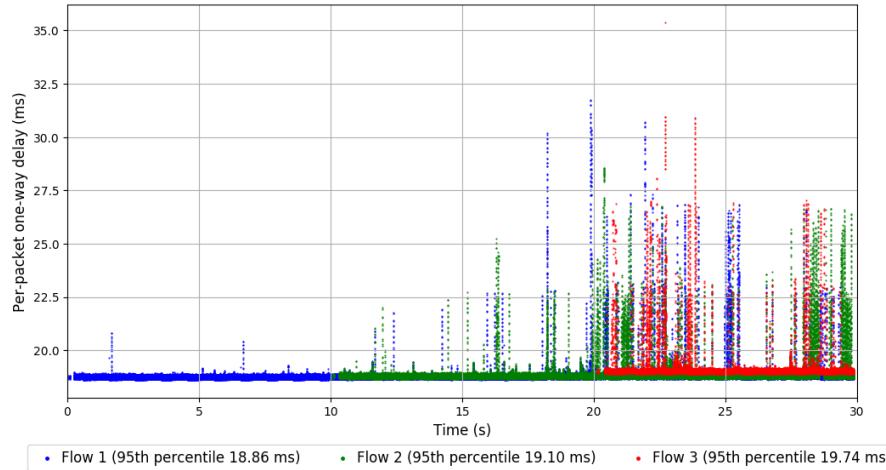
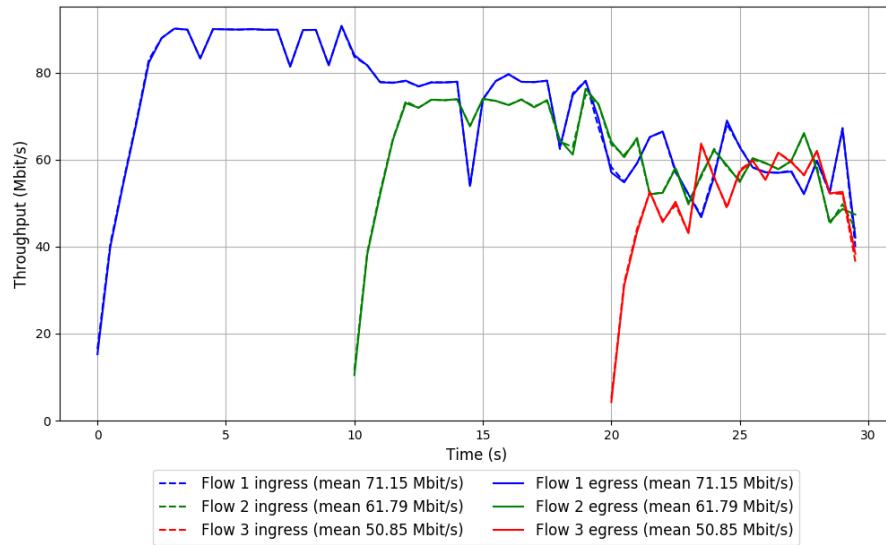


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-16 11:20:28
End at: 2017-11-16 11:20:58
Local clock offset: 1.375 ms
Remote clock offset: -0.466 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.83 Mbit/s
95th percentile per-packet one-way delay: 19.067 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 18.861 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 19.100 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.85 Mbit/s
95th percentile per-packet one-way delay: 19.742 ms
Loss rate: 0.00%
```

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

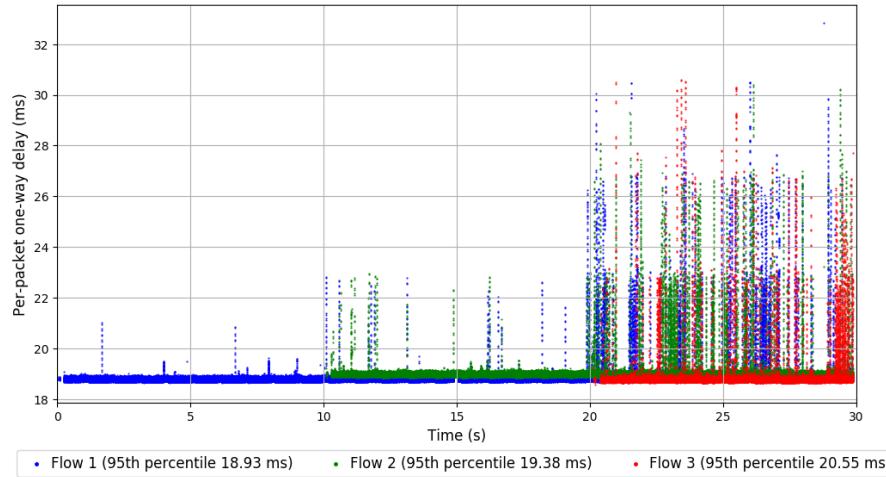
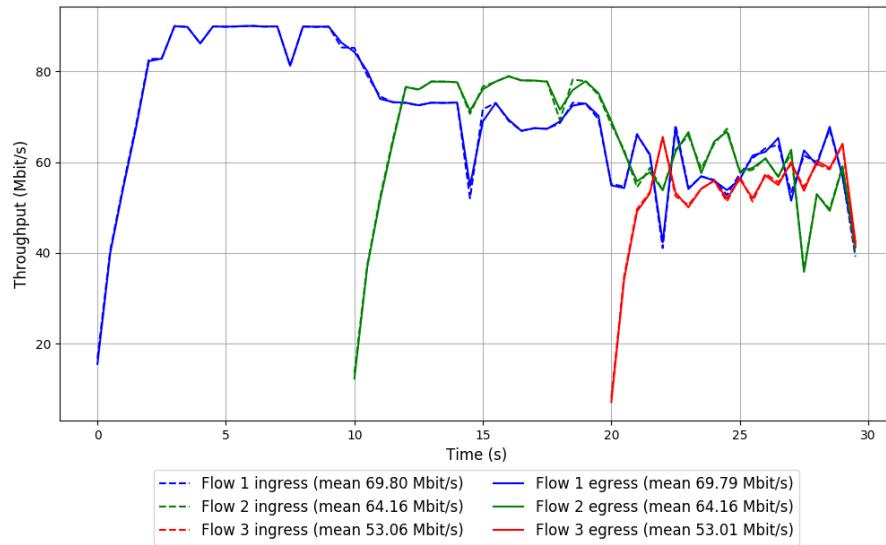


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-11-16 11:39:44
End at: 2017-11-16 11:40:14
Local clock offset: 1.36 ms
Remote clock offset: -0.498 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 129.68 Mbit/s
95th percentile per-packet one-way delay: 19.119 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 69.79 Mbit/s
95th percentile per-packet one-way delay: 18.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.16 Mbit/s
95th percentile per-packet one-way delay: 19.378 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.01 Mbit/s
95th percentile per-packet one-way delay: 20.552 ms
Loss rate: 0.05%
```

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

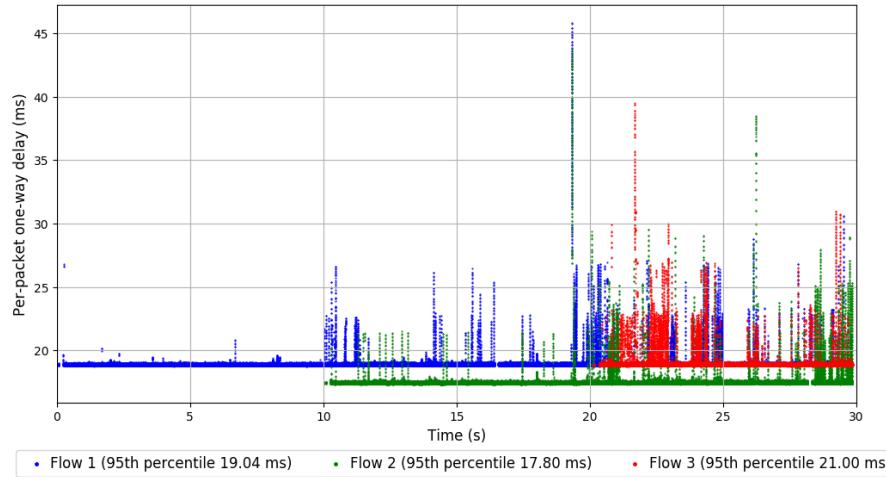
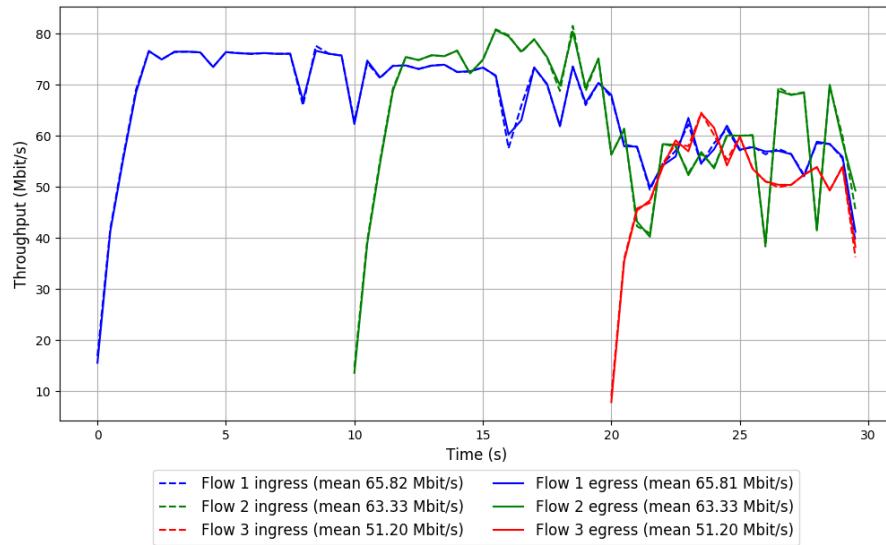


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-16 11:59:15
End at: 2017-11-16 11:59:45
Local clock offset: 1.114 ms
Remote clock offset: -0.529 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.65 Mbit/s
95th percentile per-packet one-way delay: 19.049 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.81 Mbit/s
95th percentile per-packet one-way delay: 19.036 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 17.800 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.20 Mbit/s
95th percentile per-packet one-way delay: 21.004 ms
Loss rate: 0.00%
```

## Run 4: Report of QUIC Cubic — Data Link

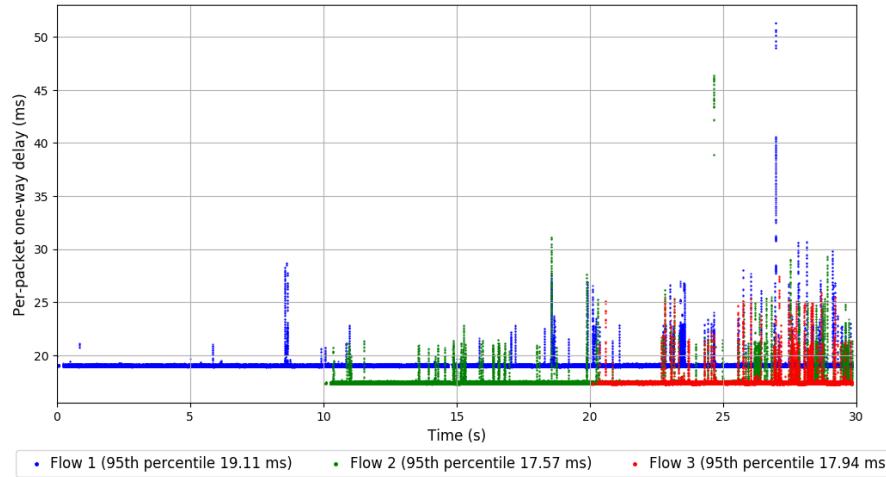
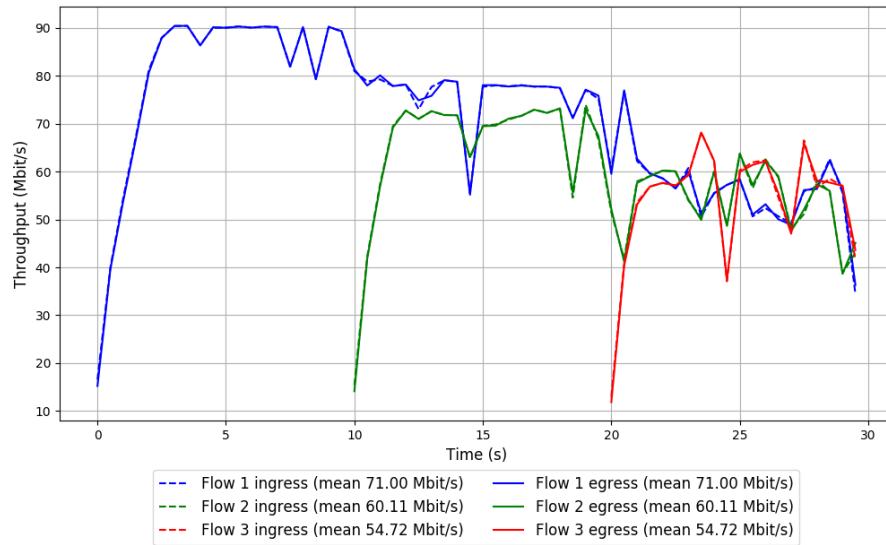


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-11-16 12:19:10
End at: 2017-11-16 12:19:40
Local clock offset: 1.043 ms
Remote clock offset: -0.357 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.89 Mbit/s
95th percentile per-packet one-way delay: 19.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.00 Mbit/s
95th percentile per-packet one-way delay: 19.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.11 Mbit/s
95th percentile per-packet one-way delay: 17.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.72 Mbit/s
95th percentile per-packet one-way delay: 17.940 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

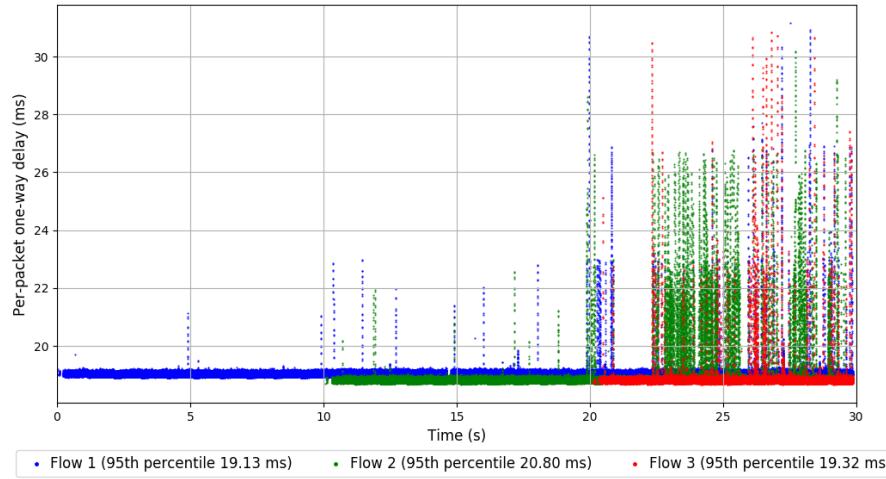
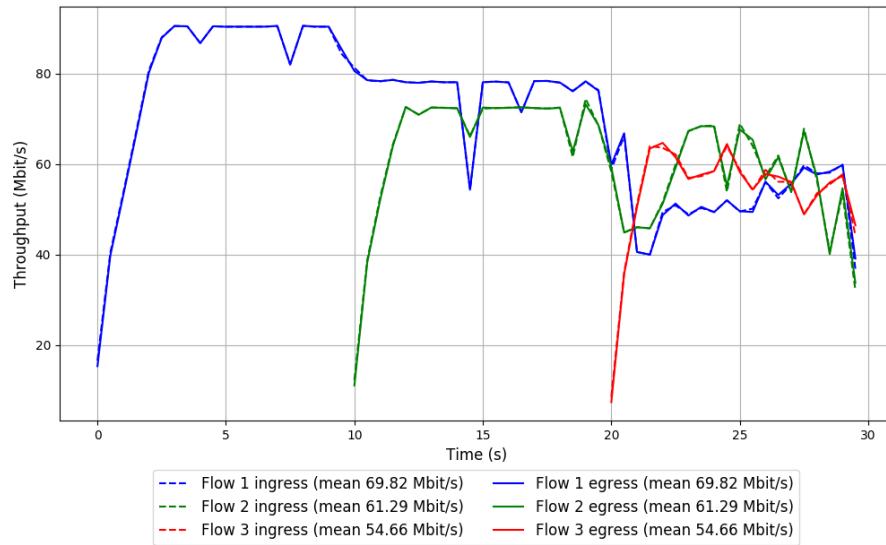


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-11-16 12:39:07
End at: 2017-11-16 12:39:37
Local clock offset: 0.97 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.33 Mbit/s
95th percentile per-packet one-way delay: 19.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.82 Mbit/s
95th percentile per-packet one-way delay: 19.126 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 20.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.66 Mbit/s
95th percentile per-packet one-way delay: 19.319 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

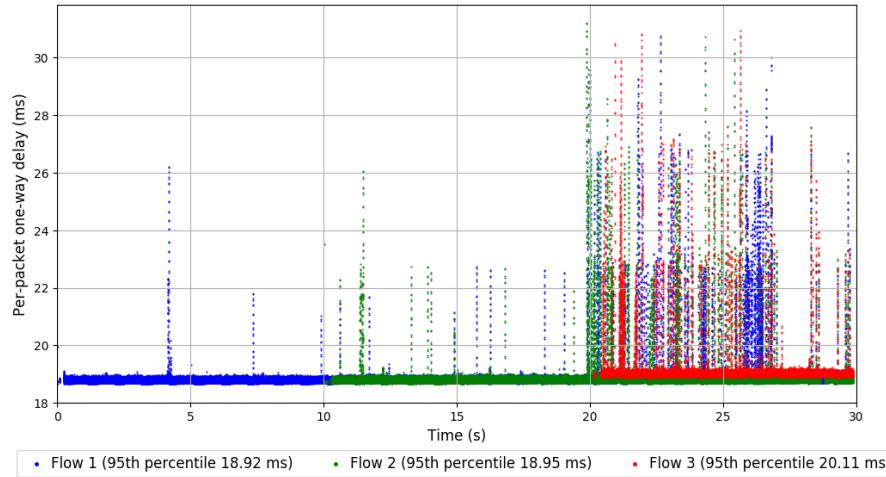
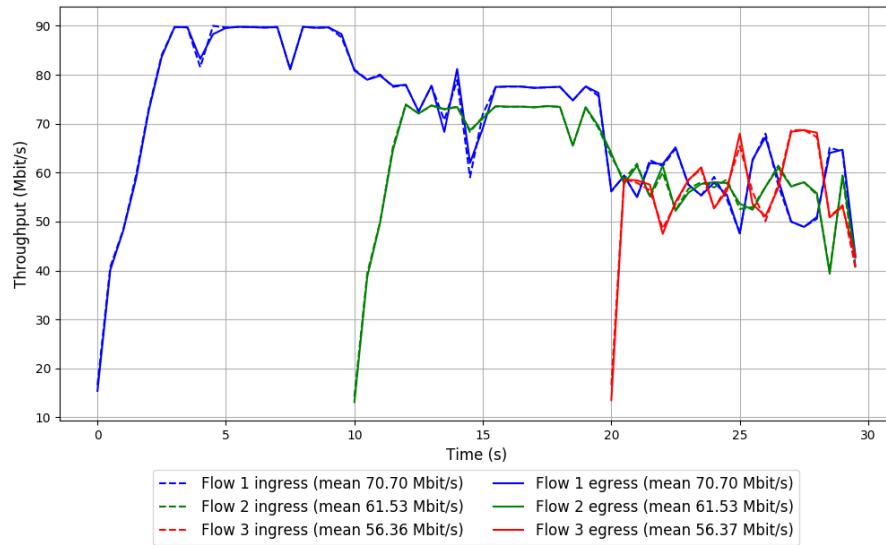


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-11-16 12:59:27
End at: 2017-11-16 12:59:57
Local clock offset: 0.939 ms
Remote clock offset: -0.487 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 129.99 Mbit/s
95th percentile per-packet one-way delay: 19.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.70 Mbit/s
95th percentile per-packet one-way delay: 18.918 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.53 Mbit/s
95th percentile per-packet one-way delay: 18.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 20.115 ms
Loss rate: 0.00%
```

## Run 7: Report of QUIC Cubic — Data Link

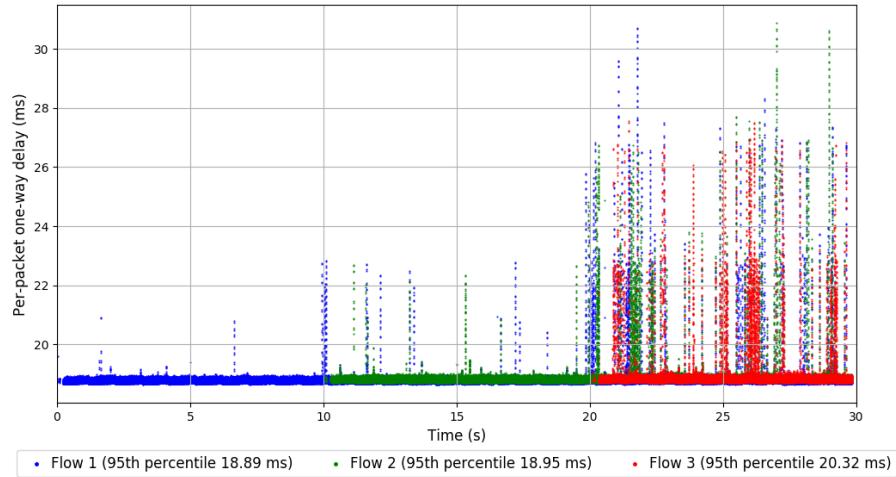
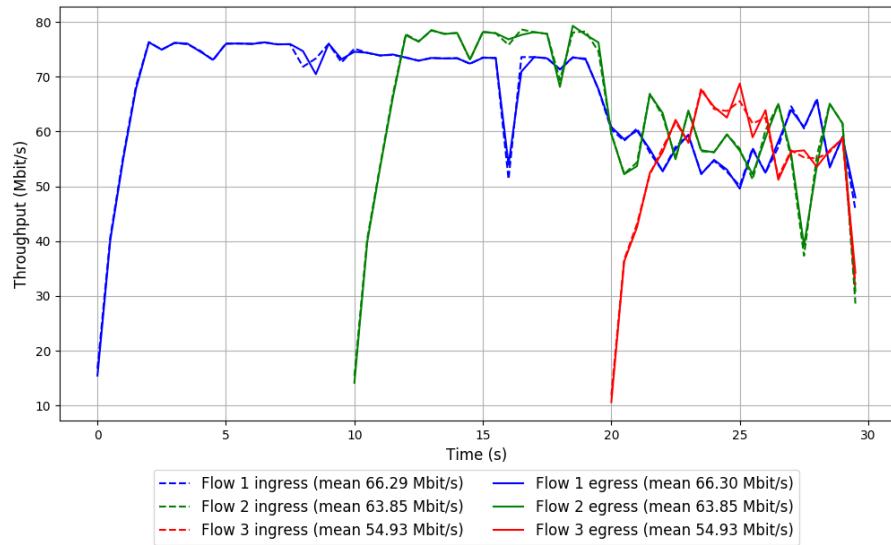


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-11-16 13:19:24
End at: 2017-11-16 13:19:54
Local clock offset: 0.914 ms
Remote clock offset: -0.657 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.66 Mbit/s
95th percentile per-packet one-way delay: 18.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 18.887 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 18.950 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 20.321 ms
Loss rate: 0.00%
```

## Run 8: Report of QUIC Cubic — Data Link

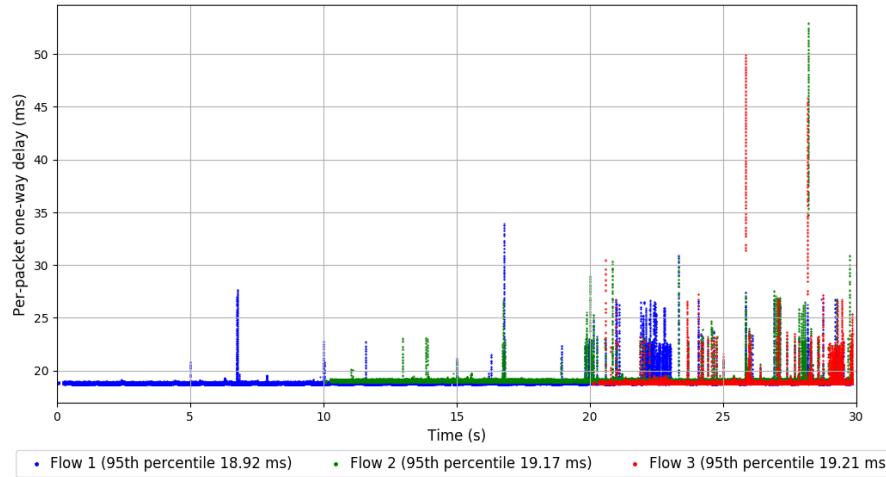
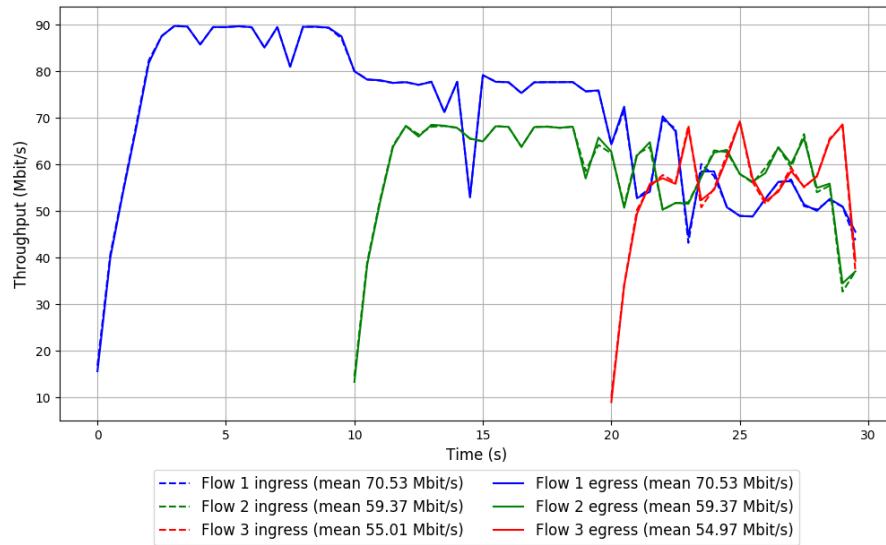


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-11-16 13:38:57
End at: 2017-11-16 13:39:27
Local clock offset: 0.742 ms
Remote clock offset: -1.064 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 127.95 Mbit/s
95th percentile per-packet one-way delay: 19.128 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 18.917 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.37 Mbit/s
95th percentile per-packet one-way delay: 19.167 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.97 Mbit/s
95th percentile per-packet one-way delay: 19.210 ms
Loss rate: 0.04%
```

Run 9: Report of QUIC Cubic — Data Link

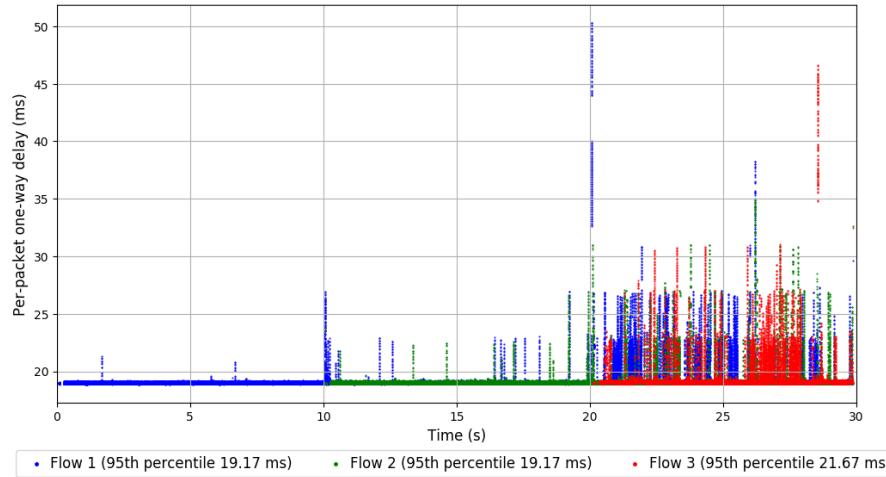
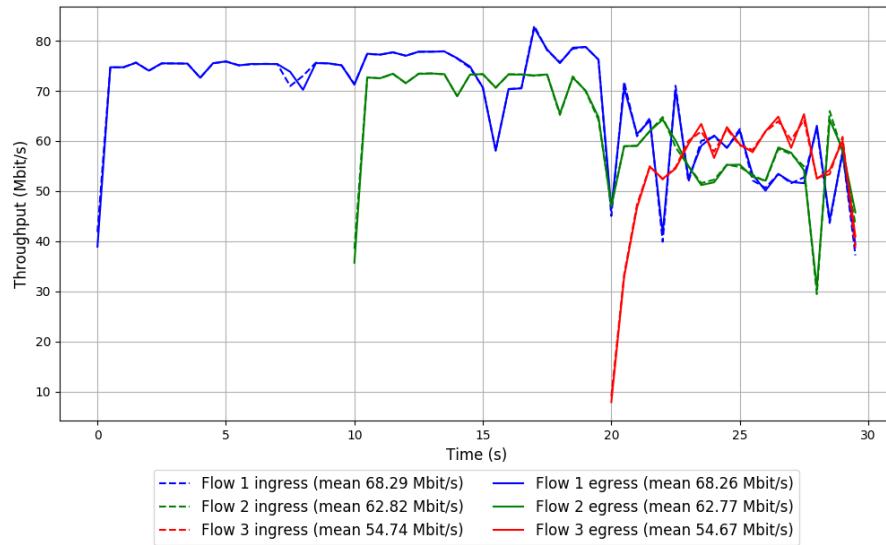


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-11-16 13:58:54
End at: 2017-11-16 13:59:24
Local clock offset: 0.697 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 127.84 Mbit/s
95th percentile per-packet one-way delay: 19.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 19.170 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 19.174 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 21.670 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

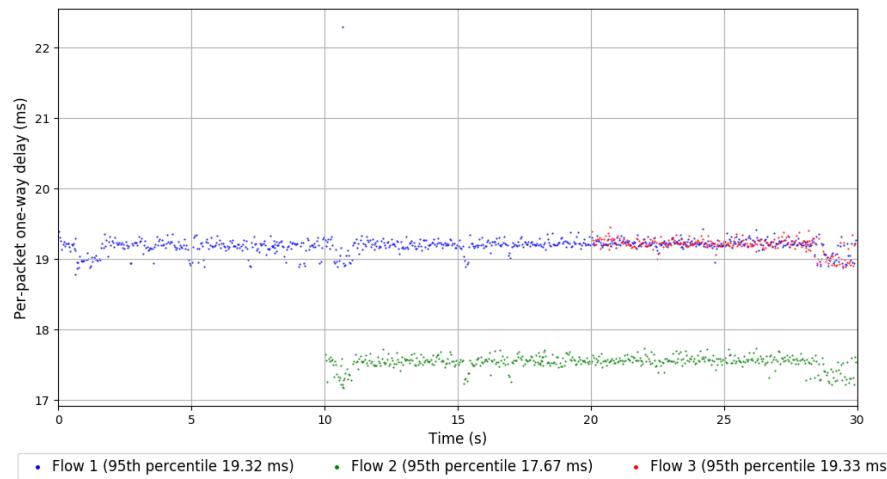
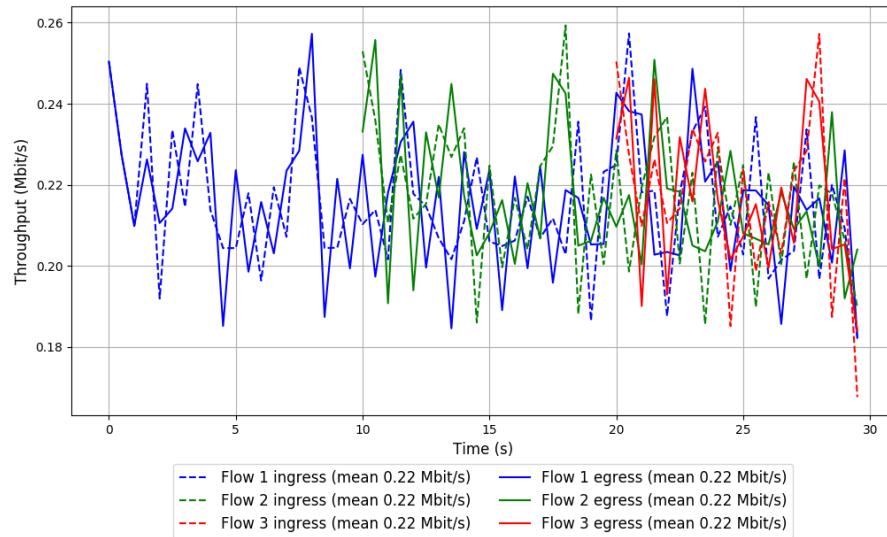


Run 1: Statistics of SCReAM

```
Start at: 2017-11-16 10:52:10
End at: 2017-11-16 10:52:40
Local clock offset: 1.165 ms
Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.671 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.330 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

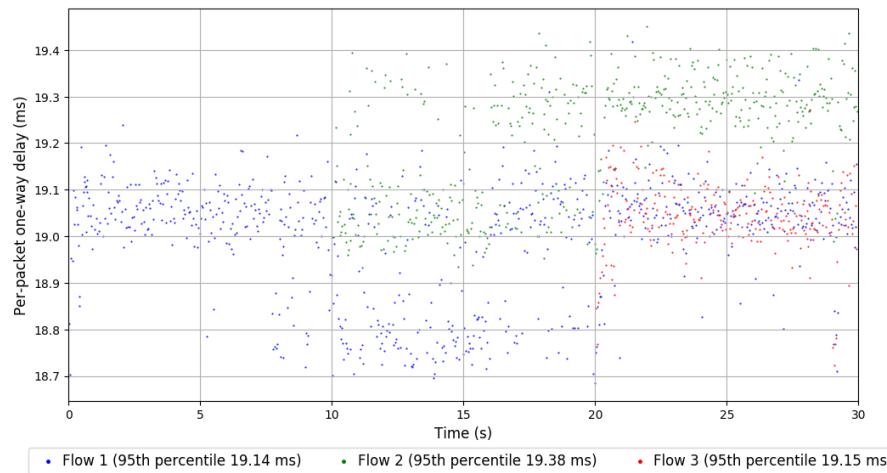
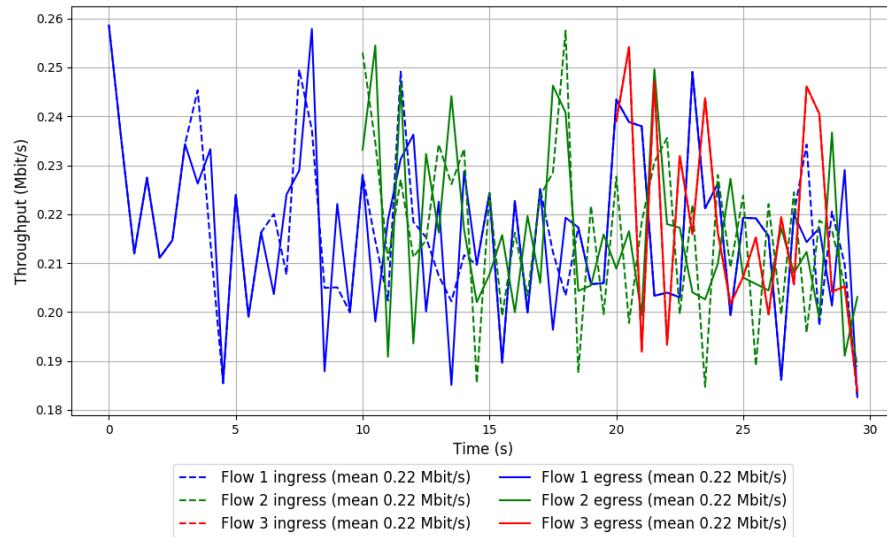


Run 2: Statistics of SCReAM

```
Start at: 2017-11-16 11:11:51
End at: 2017-11-16 11:12:21
Local clock offset: 1.233 ms
Remote clock offset: -0.456 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.148 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

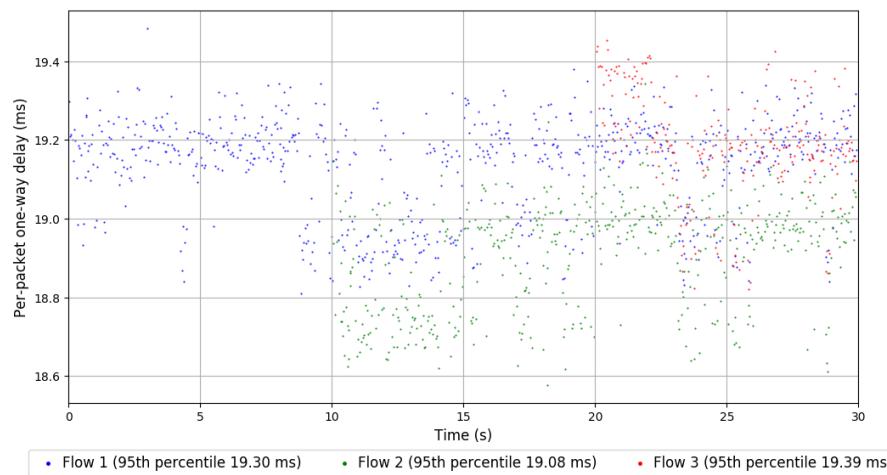
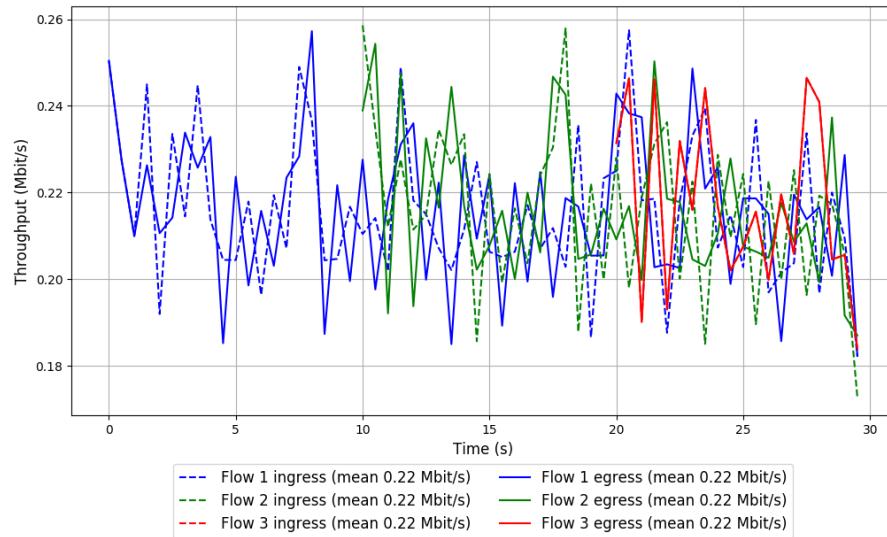


Run 3: Statistics of SCReAM

```
Start at: 2017-11-16 11:31:12
End at: 2017-11-16 11:31:42
Local clock offset: 1.415 ms
Remote clock offset: -0.551 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.295 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

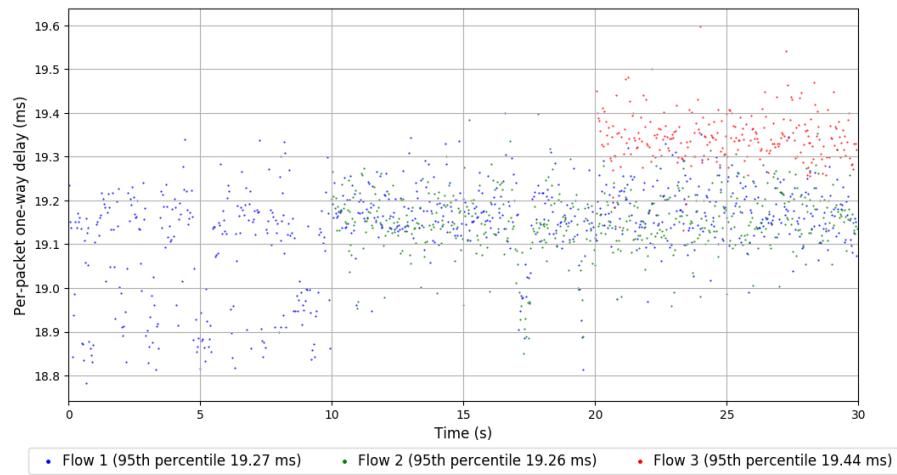
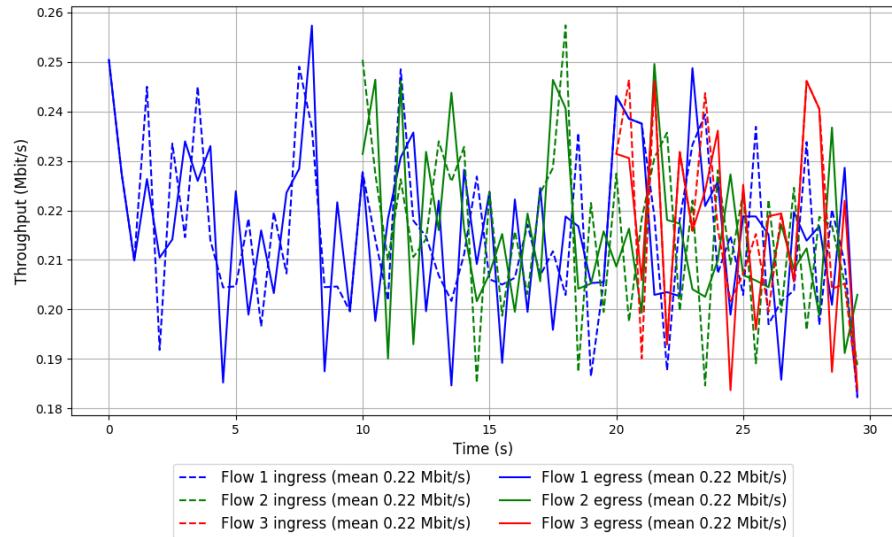


Run 4: Statistics of SCReAM

```
Start at: 2017-11-16 11:50:35
End at: 2017-11-16 11:51:05
Local clock offset: 1.155 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.437 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

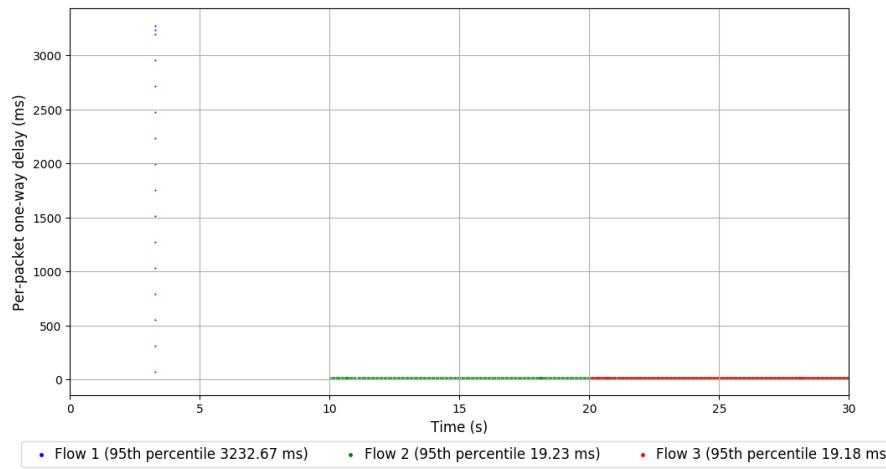
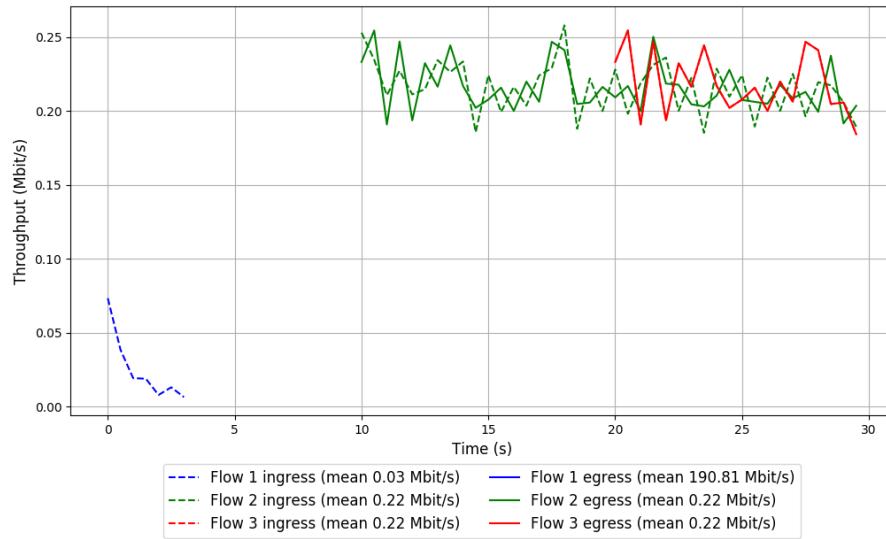


Run 5: Statistics of SCReAM

```
Start at: 2017-11-16 12:10:30
End at: 2017-11-16 12:11:00
Local clock offset: 1.086 ms
Remote clock offset: -0.426 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 19.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.81 Mbit/s
95th percentile per-packet one-way delay: 3232.672 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.179 ms
Loss rate: 0.00%
```

## Run 5: Report of SCReAM — Data Link

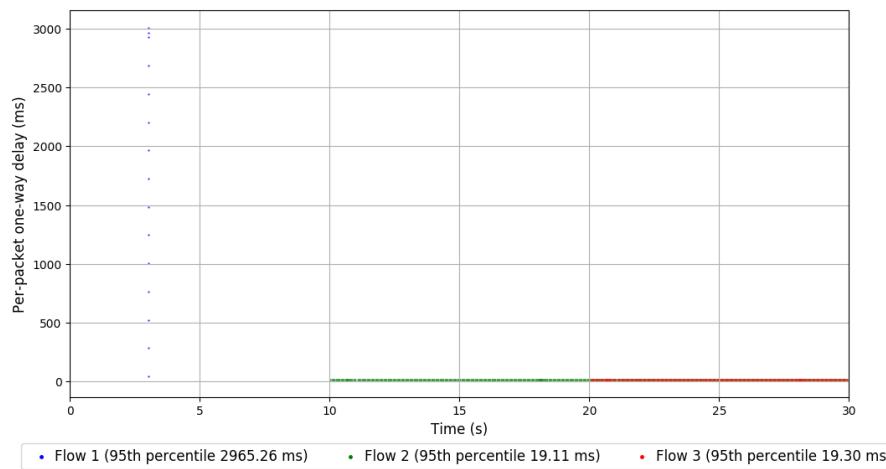
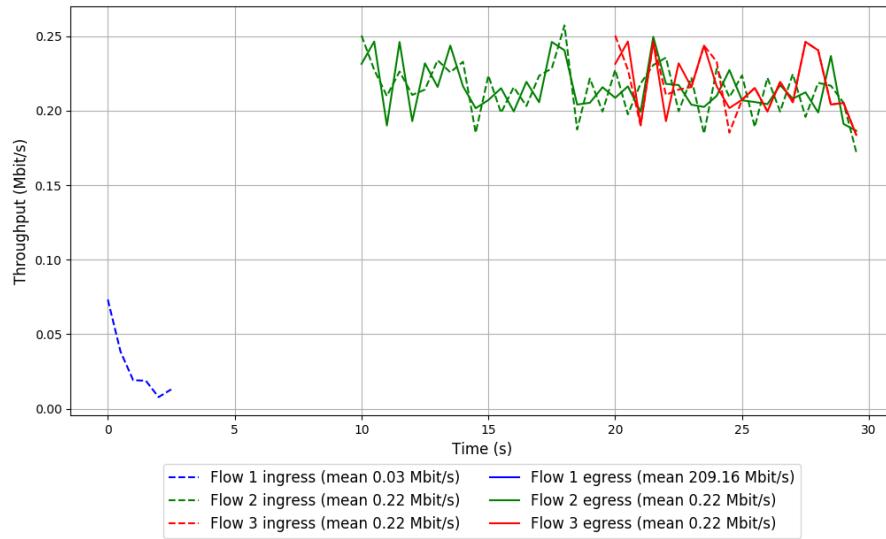


Run 6: Statistics of SCReAM

```
Start at: 2017-11-16 12:30:25
End at: 2017-11-16 12:30:55
Local clock offset: 1.014 ms
Remote clock offset: -0.196 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 19.272 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.16 Mbit/s
95th percentile per-packet one-way delay: 2965.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.107 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.299 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

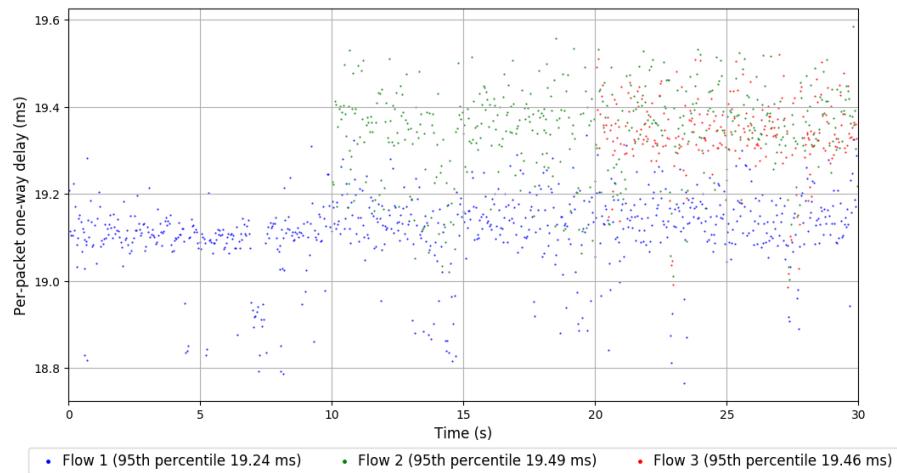
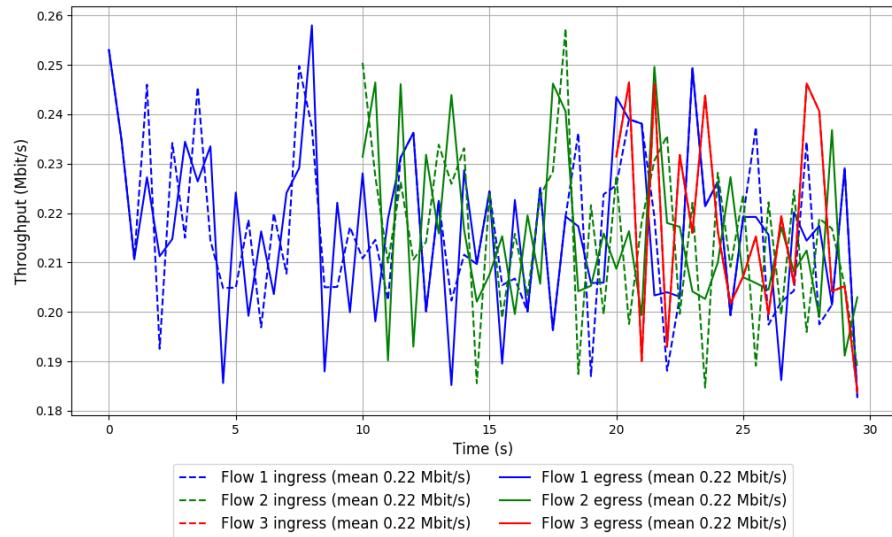


Run 7: Statistics of SCReAM

```
Start at: 2017-11-16 12:50:44
End at: 2017-11-16 12:51:14
Local clock offset: 0.878 ms
Remote clock offset: -0.191 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.493 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.457 ms
Loss rate: 0.00%
```

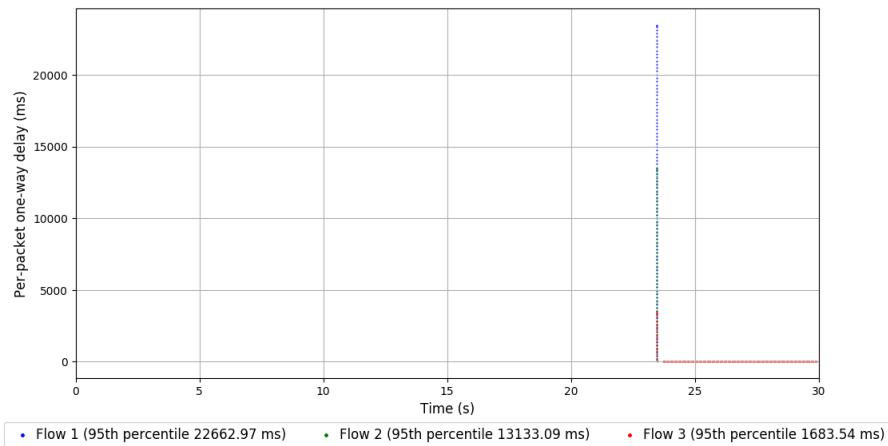
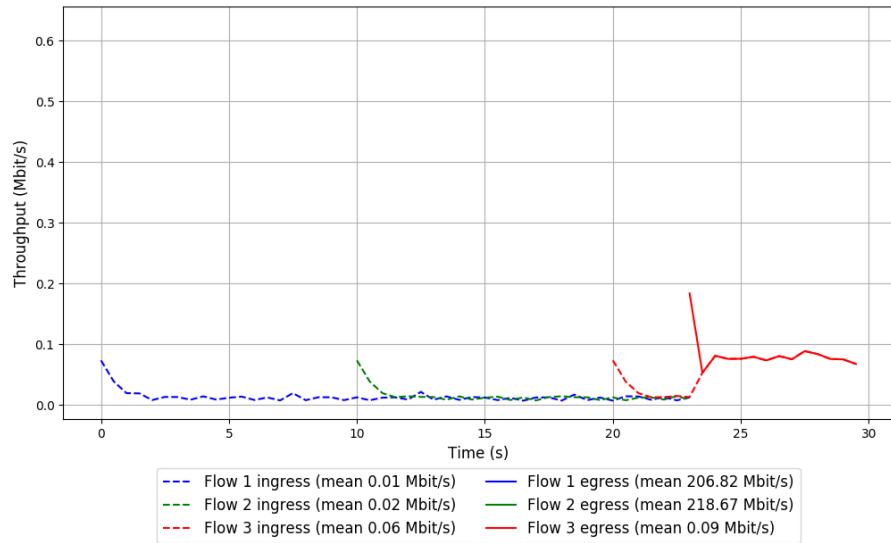
Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-11-16 13:10:43  
End at: 2017-11-16 13:11:13  
Local clock offset: 0.921 ms  
Remote clock offset: -0.705 ms

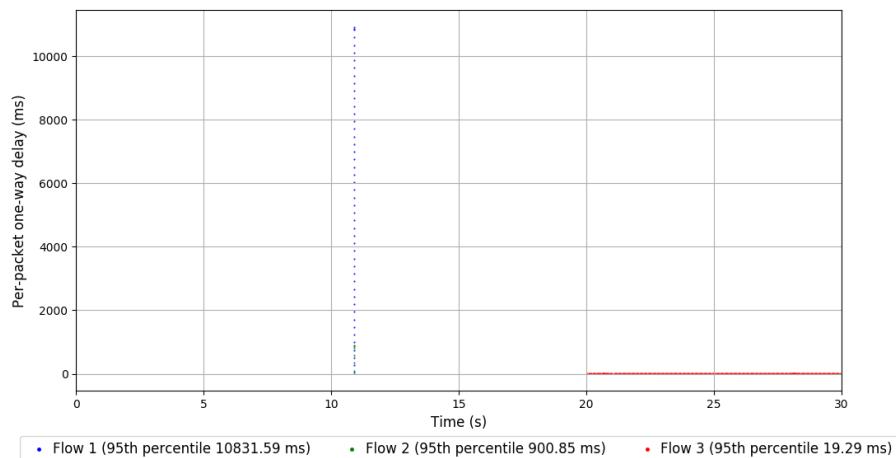
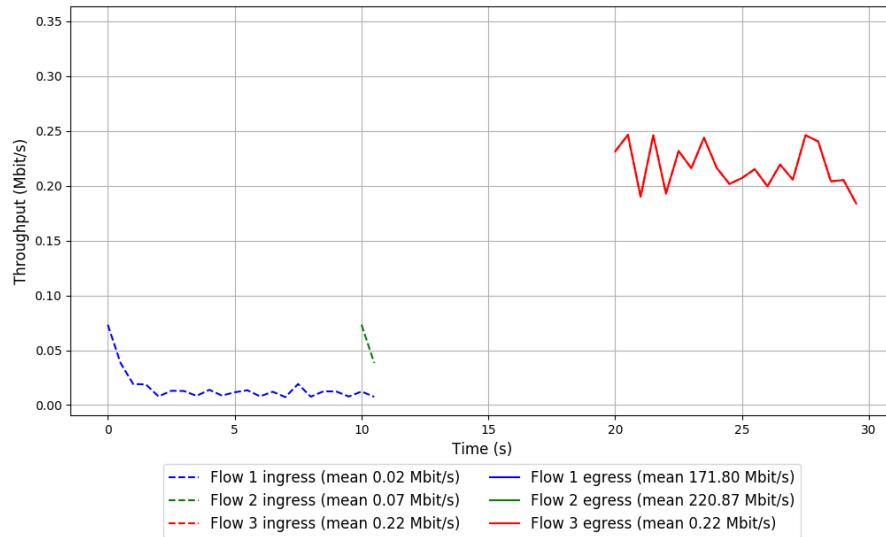
Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-11-16 13:30:19  
End at: 2017-11-16 13:30:49  
Local clock offset: 0.866 ms  
Remote clock offset: -0.913 ms

Run 9: Report of SCReAM — Data Link

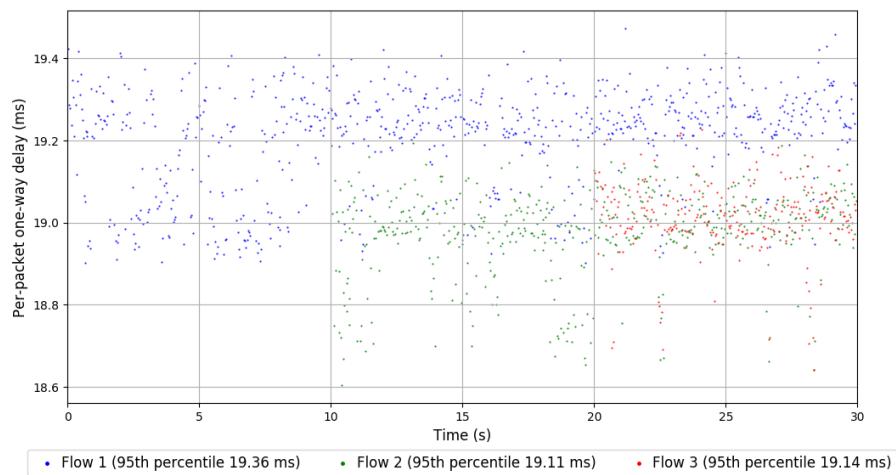
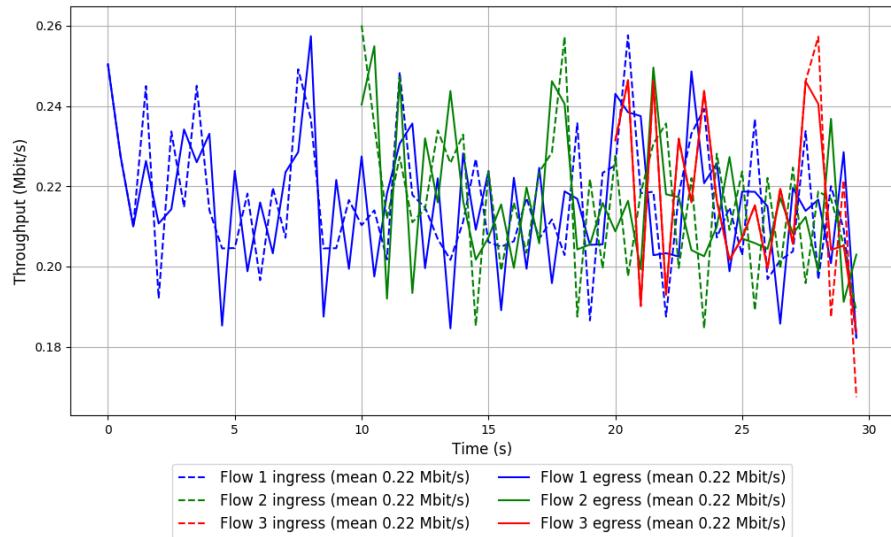


Run 10: Statistics of SCReAM

```
Start at: 2017-11-16 13:50:15
End at: 2017-11-16 13:50:45
Local clock offset: 0.807 ms
Remote clock offset: -1.132 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.111 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.138 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

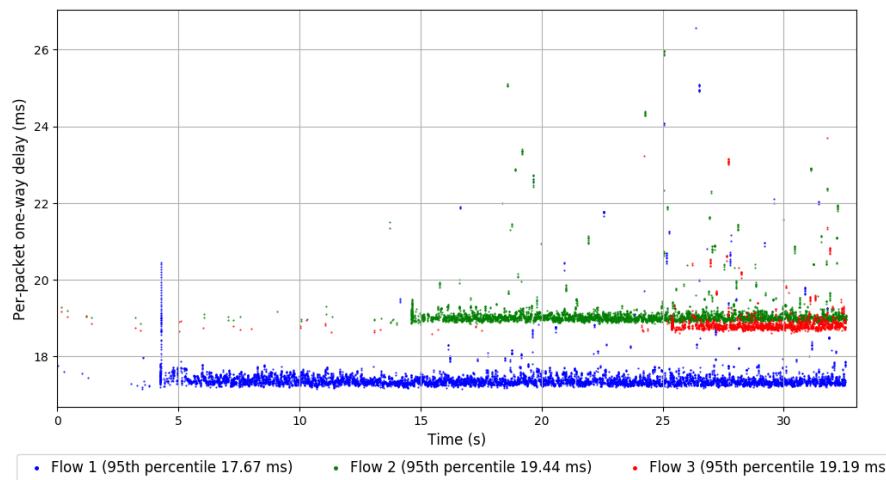
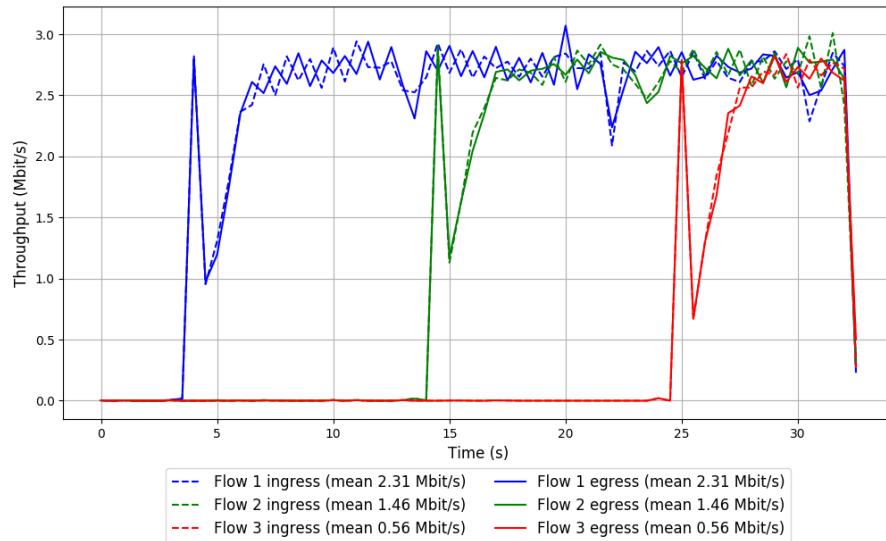


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-16 10:43:28
End at: 2017-11-16 10:43:58
Local clock offset: 1.036 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 17.674 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.442 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 19.194 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

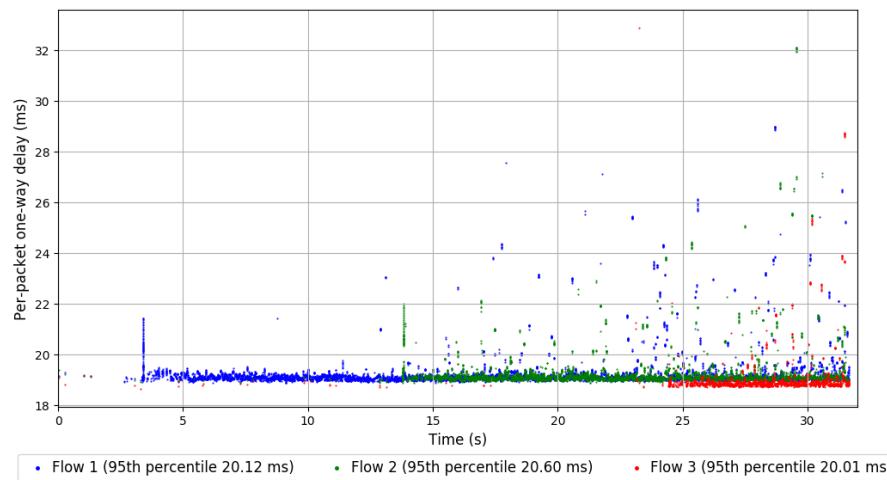
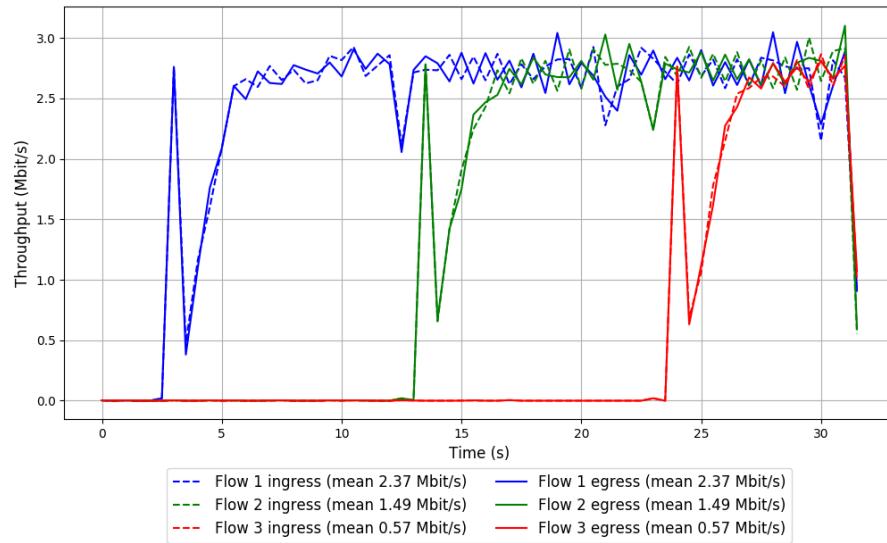


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-16 11:03:16
End at: 2017-11-16 11:03:46
Local clock offset: 1.142 ms
Remote clock offset: -0.386 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 20.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 20.125 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 20.603 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 20.012 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

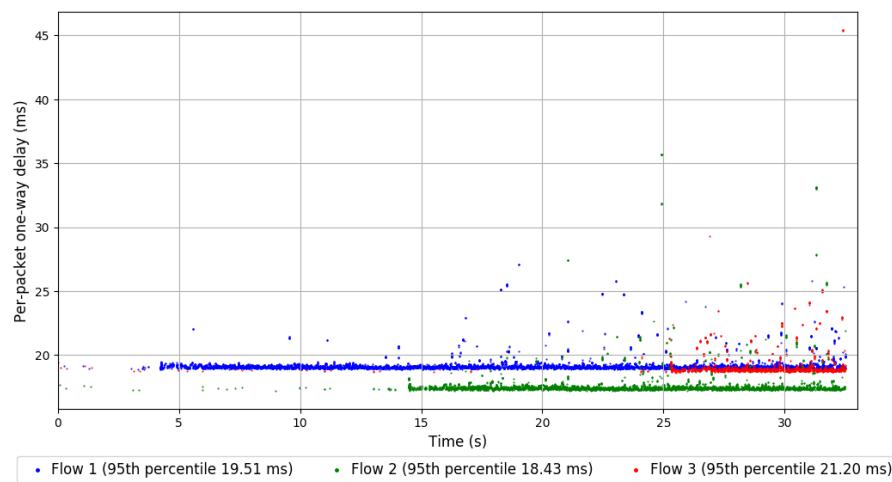
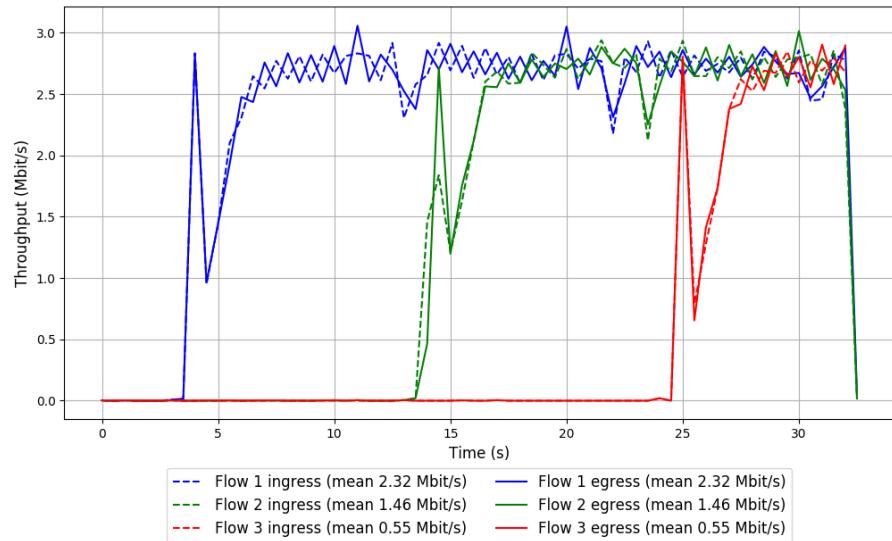


```
Run 3: Statistics of WebRTC media

Start at: 2017-11-16 11:23:02
End at: 2017-11-16 11:23:32
Local clock offset: 1.421 ms
Remote clock offset: -0.433 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 19.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 18.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 21.205 ms
Loss rate: 0.00%
```

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

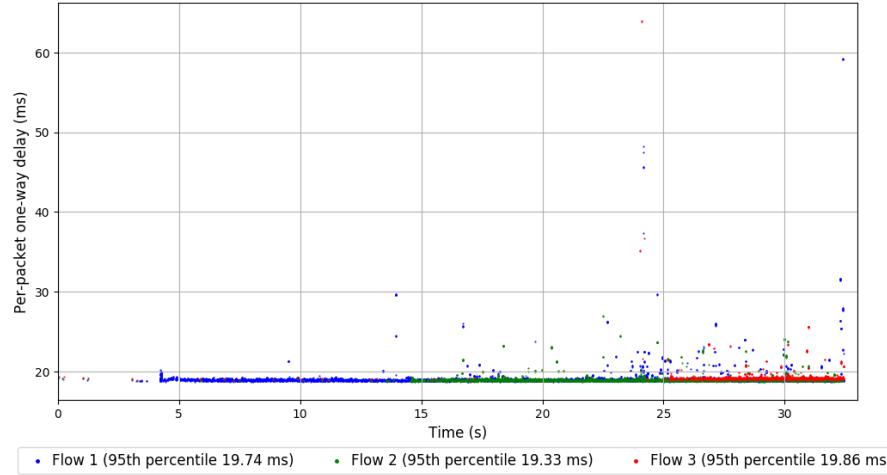
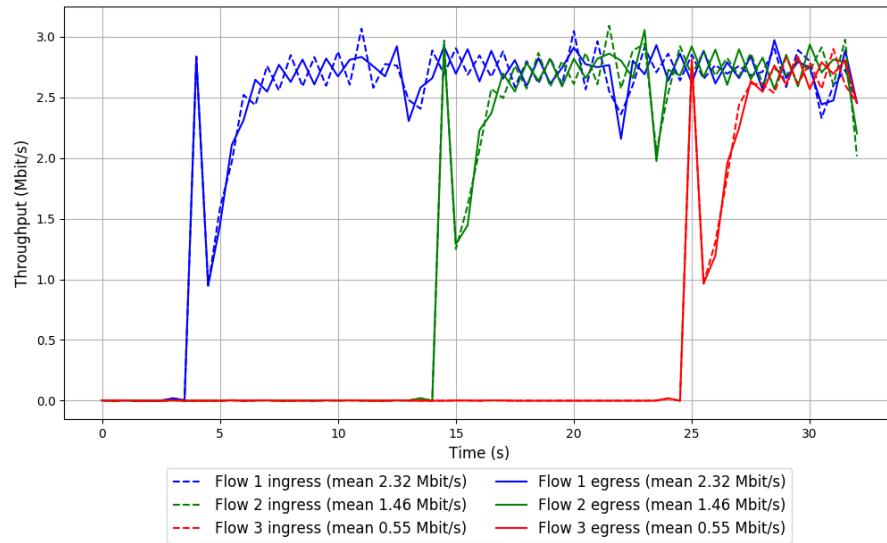


Run 4: Statistics of WebRTC media

```
Start at: 2017-11-16 11:42:19
End at: 2017-11-16 11:42:49
Local clock offset: 1.24 ms
Remote clock offset: -0.542 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 19.598 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.740 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 19.859 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

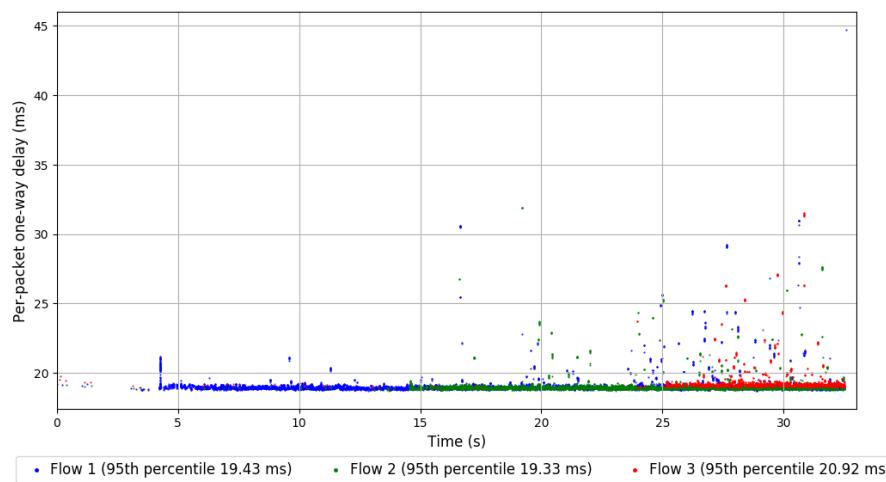
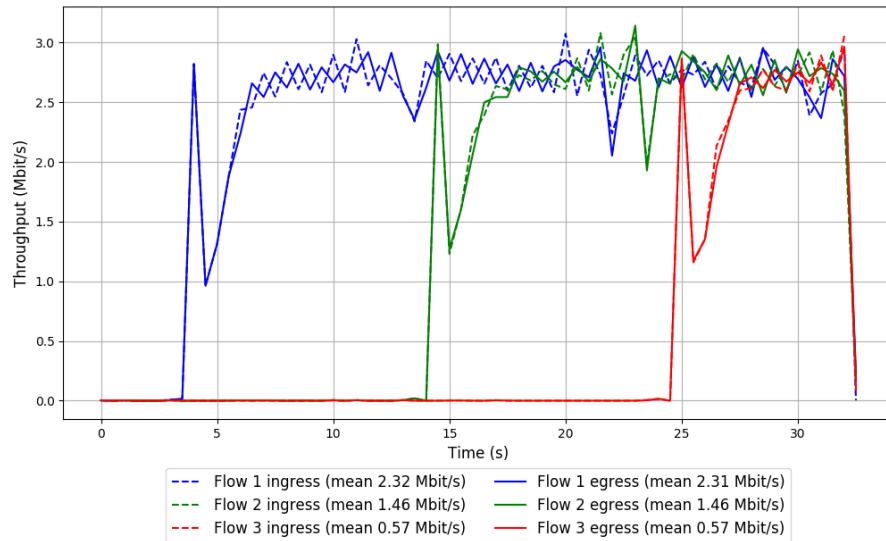


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-16 12:02:07
End at: 2017-11-16 12:02:37
Local clock offset: 1.1 ms
Remote clock offset: -0.6 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 19.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.425 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.328 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 20.921 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

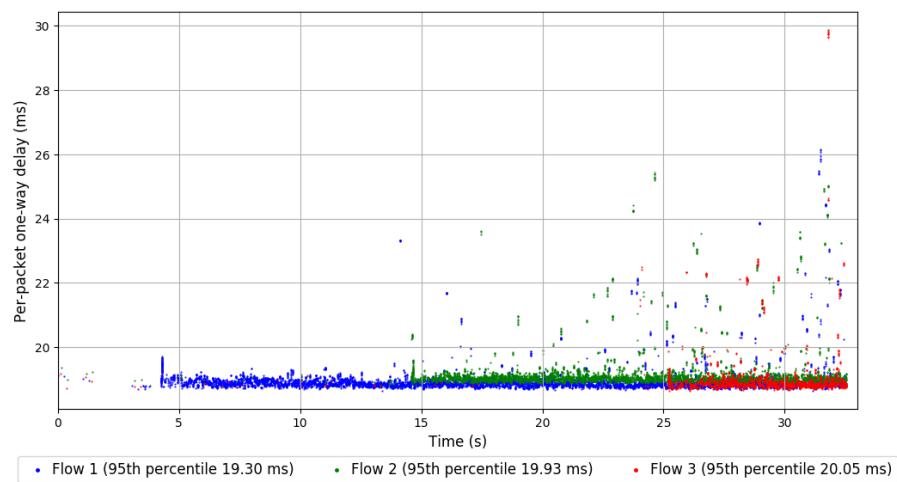
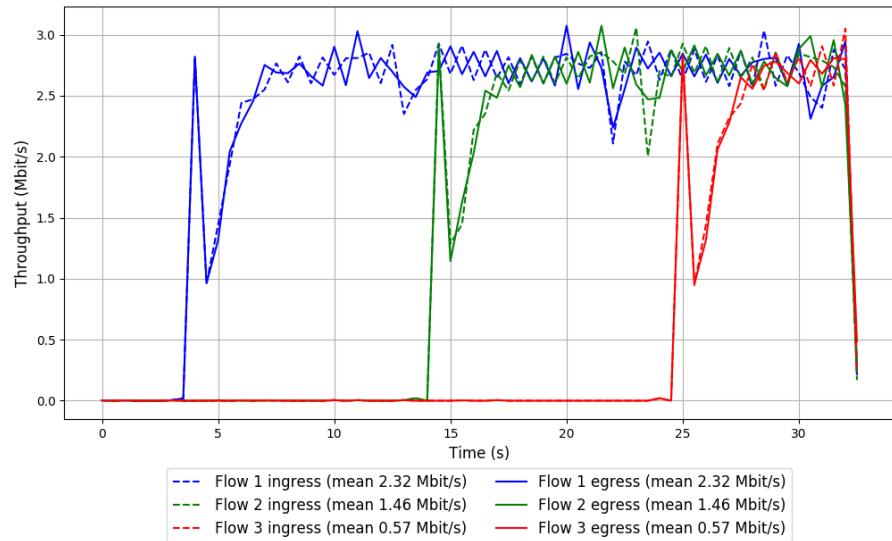


Run 6: Statistics of WebRTC media

```
Start at: 2017-11-16 12:21:46
End at: 2017-11-16 12:22:16
Local clock offset: 1.02 ms
Remote clock offset: -0.296 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 19.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.299 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.932 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 20.046 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

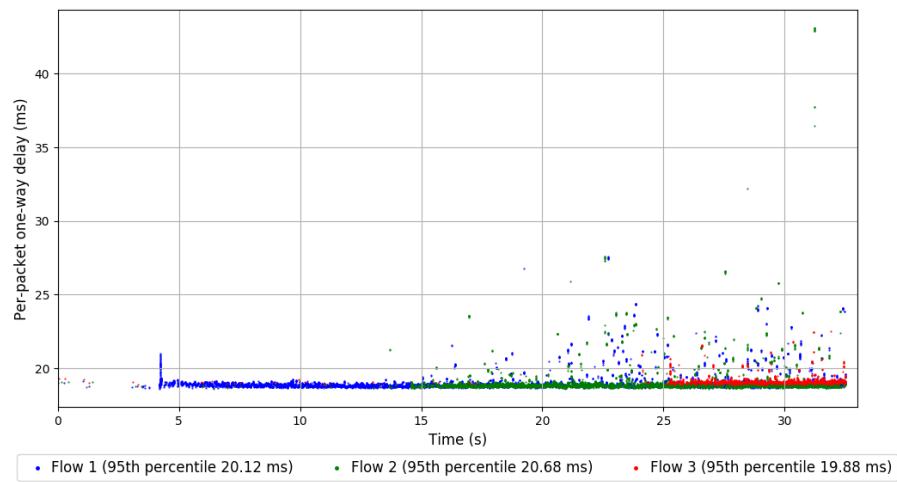
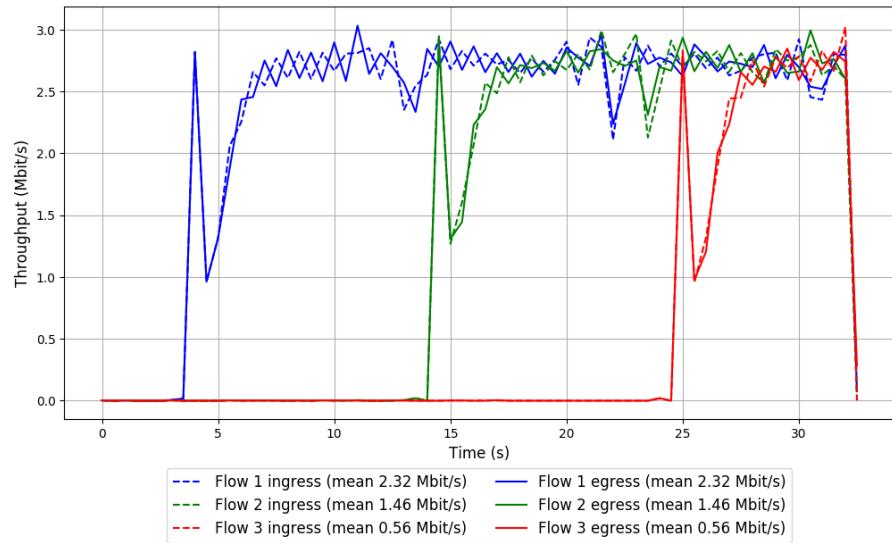


Run 7: Statistics of WebRTC media

```
Start at: 2017-11-16 12:42:00
End at: 2017-11-16 12:42:30
Local clock offset: 0.88 ms
Remote clock offset: -0.219 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 20.179 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 20.119 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 20.678 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 19.877 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

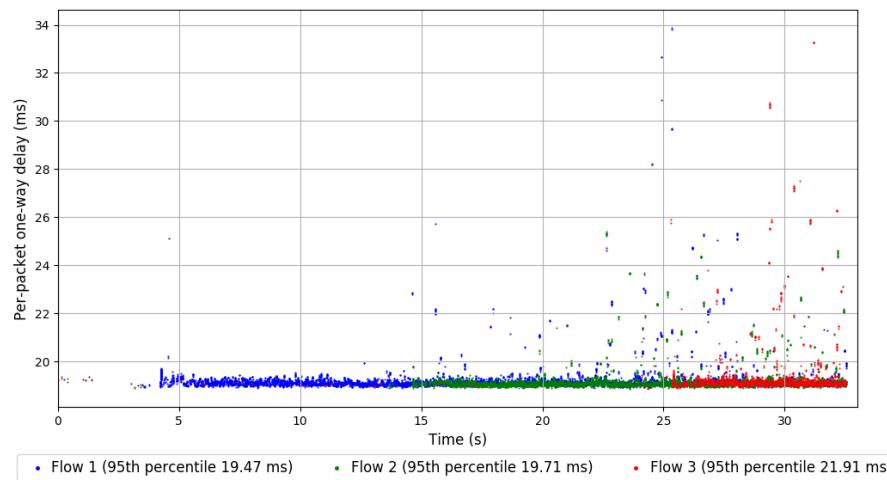
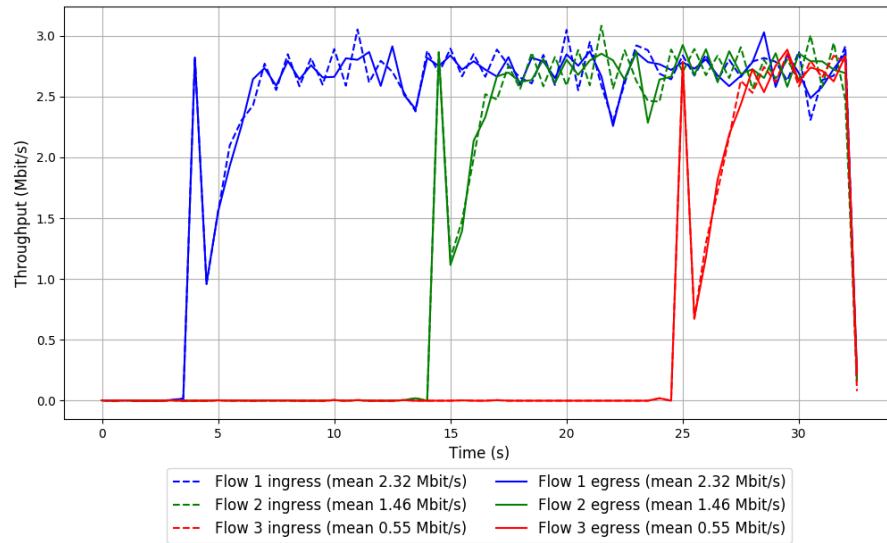


Run 8: Statistics of WebRTC media

```
Start at: 2017-11-16 13:02:07
End at: 2017-11-16 13:02:37
Local clock offset: 0.925 ms
Remote clock offset: -0.548 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 19.653 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.468 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.708 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 21.911 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

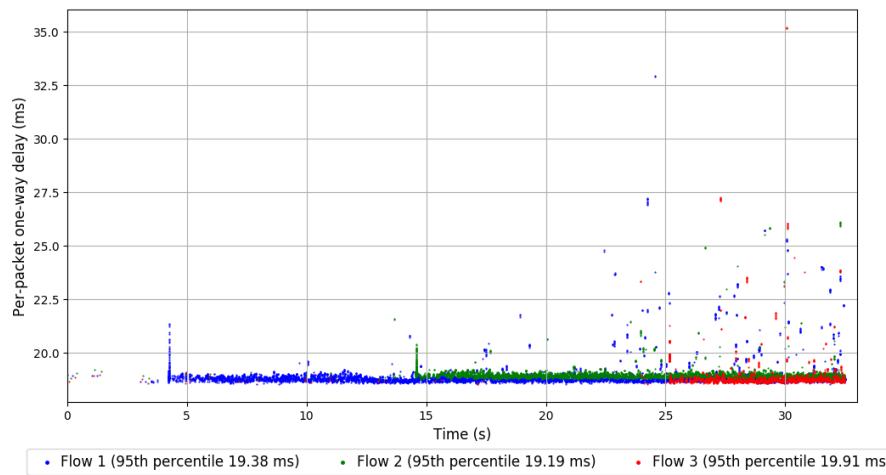
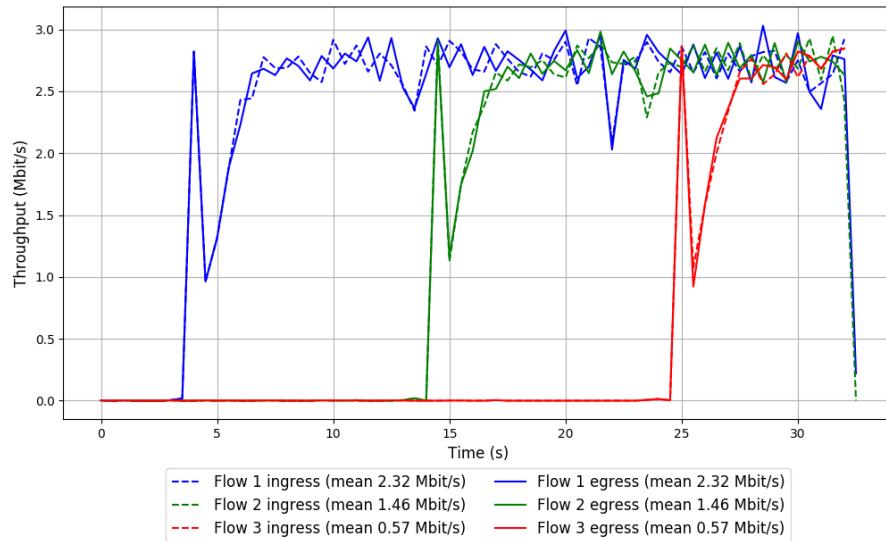


Run 9: Statistics of WebRTC media

```
Start at: 2017-11-16 13:22:01
End at: 2017-11-16 13:22:31
Local clock offset: 0.914 ms
Remote clock offset: -0.765 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 19.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.381 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 19.907 ms
Loss rate: 0.00%
```

### Run 9: Report of WebRTC media — Data Link

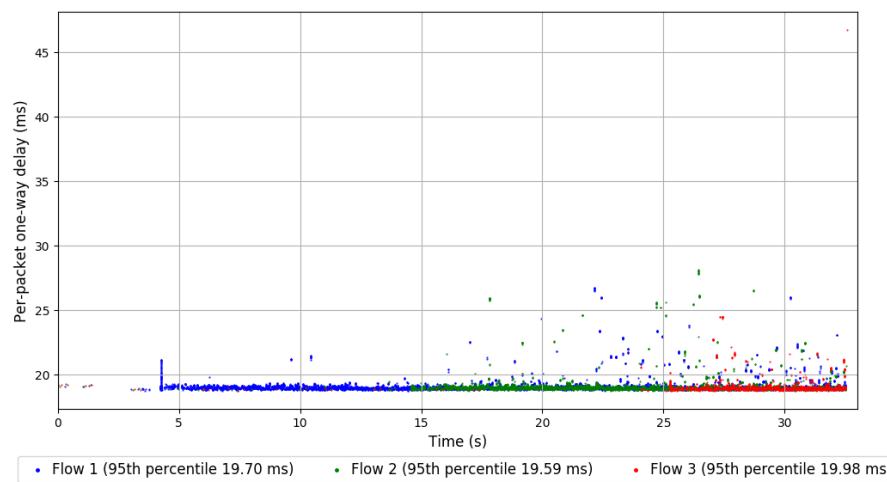
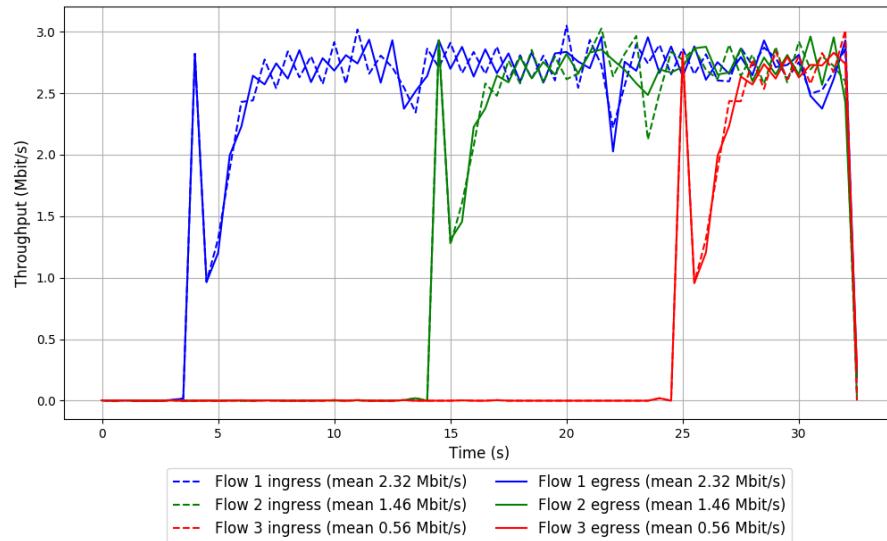


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2017-11-16 13:41:31
End at: 2017-11-16 13:42:01
Local clock offset: 0.838 ms
Remote clock offset: -1.112 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 19.668 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 19.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 19.589 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 19.980 ms
Loss rate: 0.00%
```

### Run 10: Report of WebRTC media — Data Link

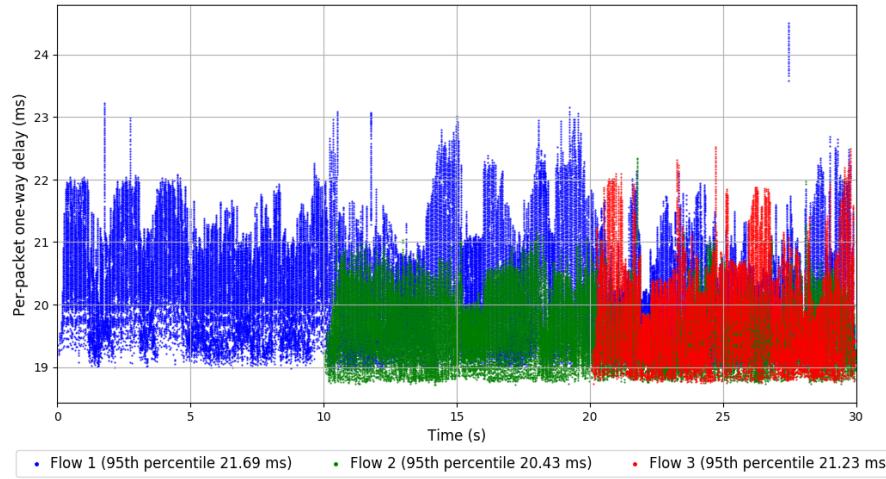
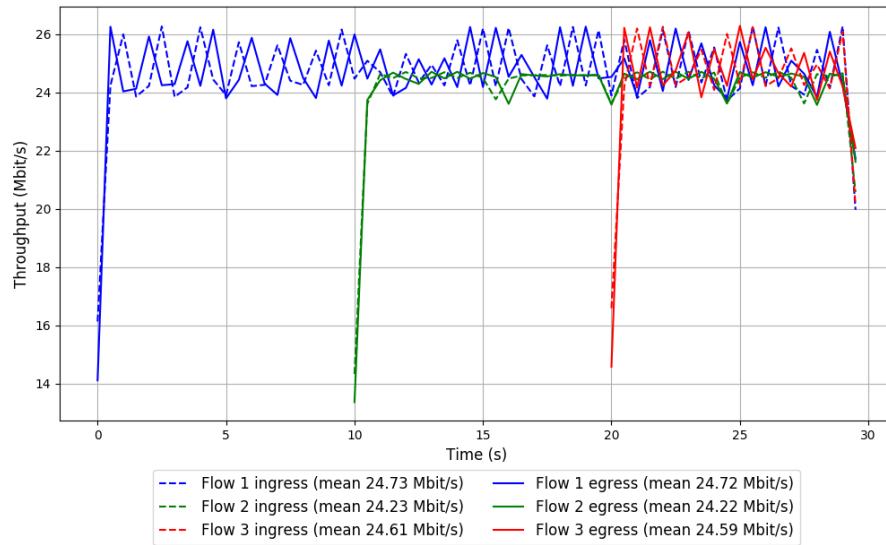


Run 1: Statistics of Sprout

```
Start at: 2017-11-16 10:58:13
End at: 2017-11-16 10:58:43
Local clock offset: 1.104 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.95 Mbit/s
95th percentile per-packet one-way delay: 21.428 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.688 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 20.431 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 21.225 ms
Loss rate: 0.09%
```

## Run 1: Report of Sprout — Data Link

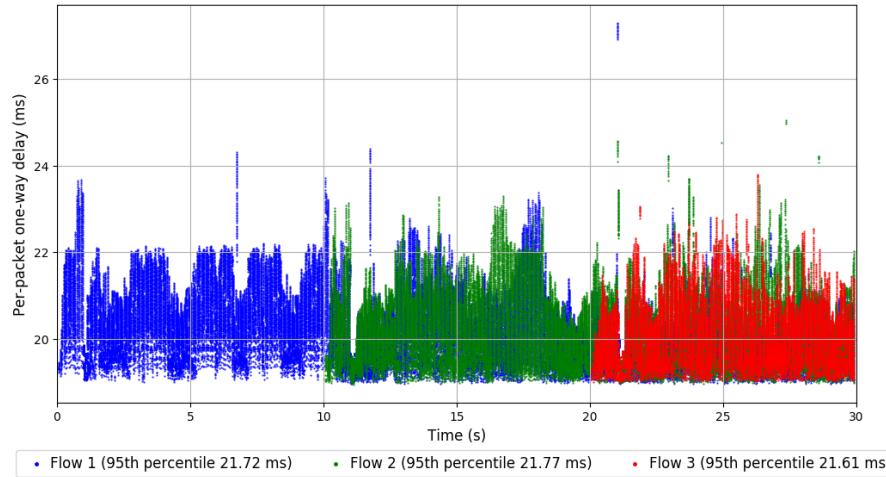
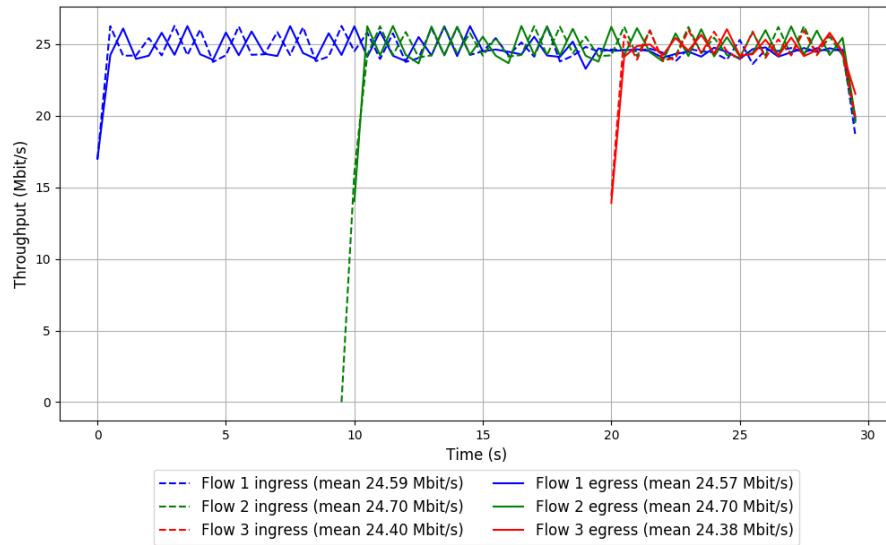


Run 2: Statistics of Sprout

```
Start at: 2017-11-16 11:17:55
End at: 2017-11-16 11:18:25
Local clock offset: 1.345 ms
Remote clock offset: -0.355 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 21.721 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 21.719 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 21.775 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.615 ms
Loss rate: 0.04%
```

## Run 2: Report of Sprout — Data Link

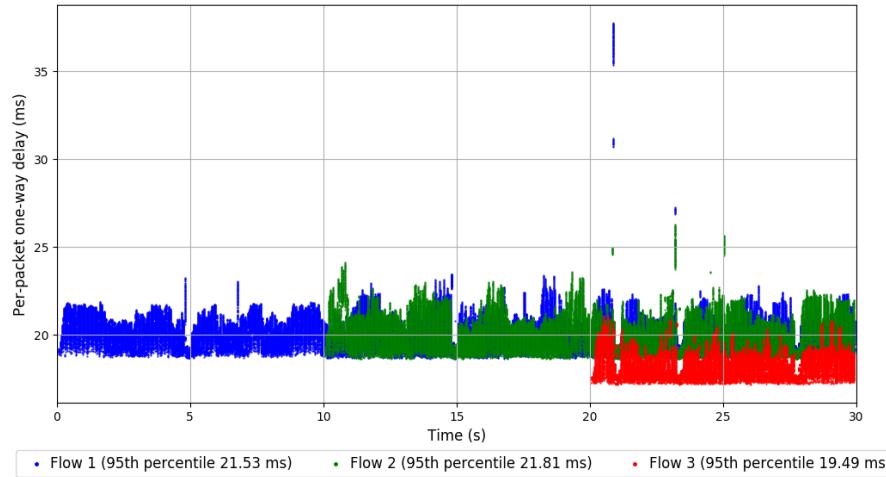
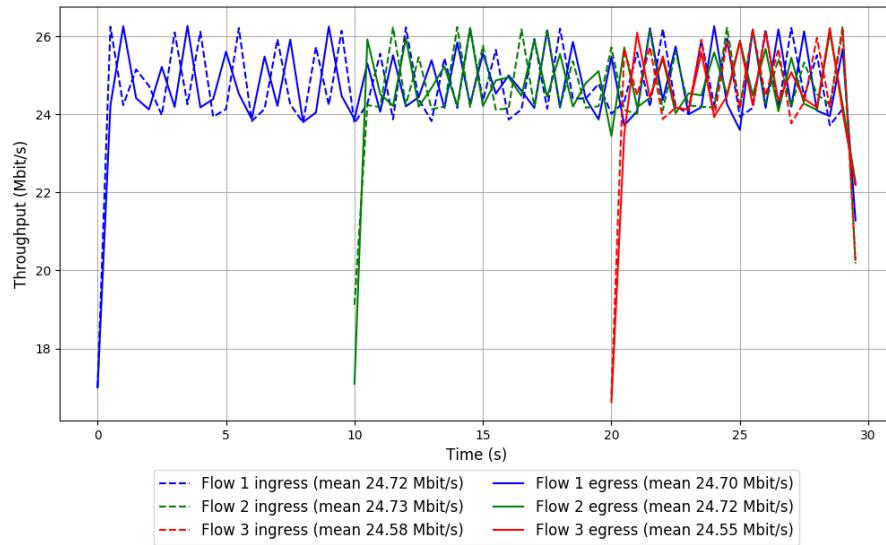


Run 3: Statistics of Sprout

```
Start at: 2017-11-16 11:37:11
End at: 2017-11-16 11:37:41
Local clock offset: 1.374 ms
Remote clock offset: -0.564 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 21.555 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 21.533 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.807 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 19.489 ms
Loss rate: 0.11%
```

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

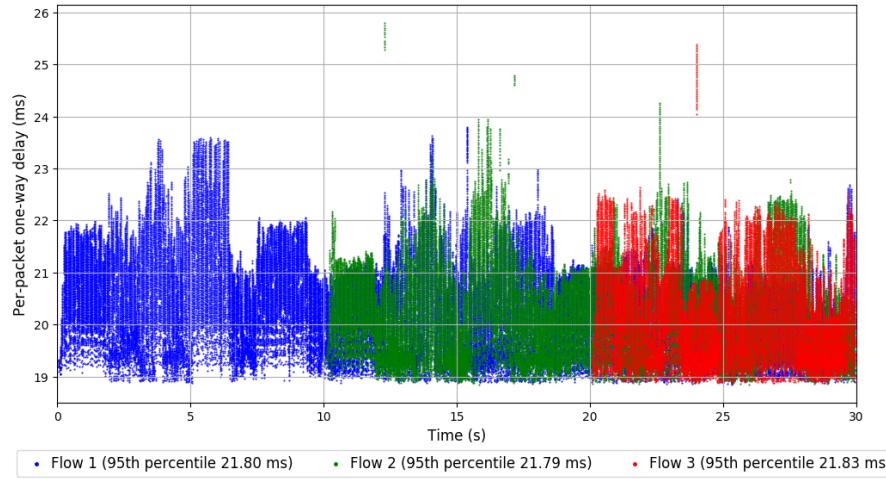
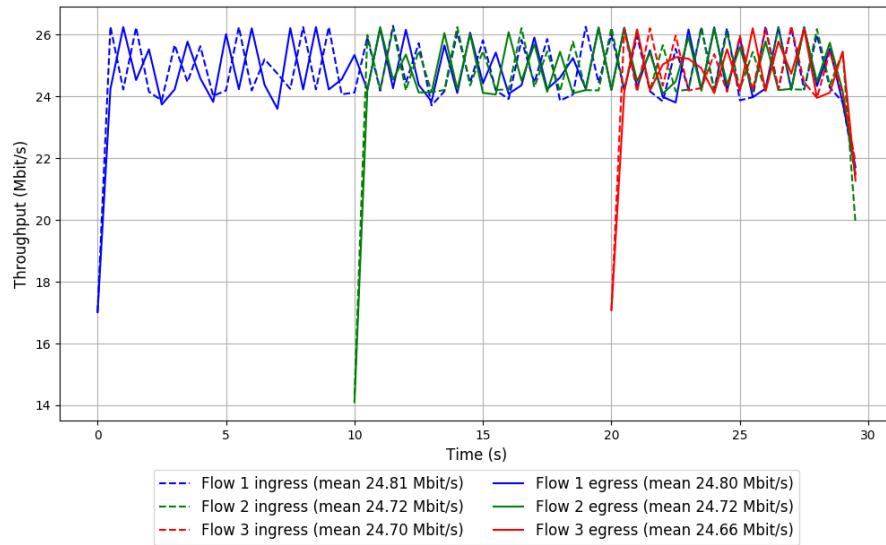


Run 4: Statistics of Sprout

```
Start at: 2017-11-16 11:56:37
End at: 2017-11-16 11:57:07
Local clock offset: 1.119 ms
Remote clock offset: -0.435 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.39 Mbit/s
95th percentile per-packet one-way delay: 21.807 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 21.805 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.794 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 21.831 ms
Loss rate: 0.18%
```

Run 4: Report of Sprout — Data Link

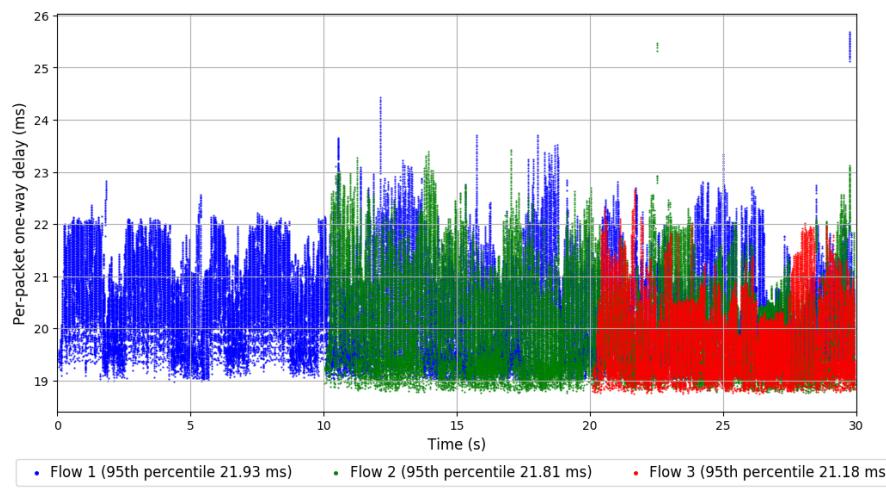
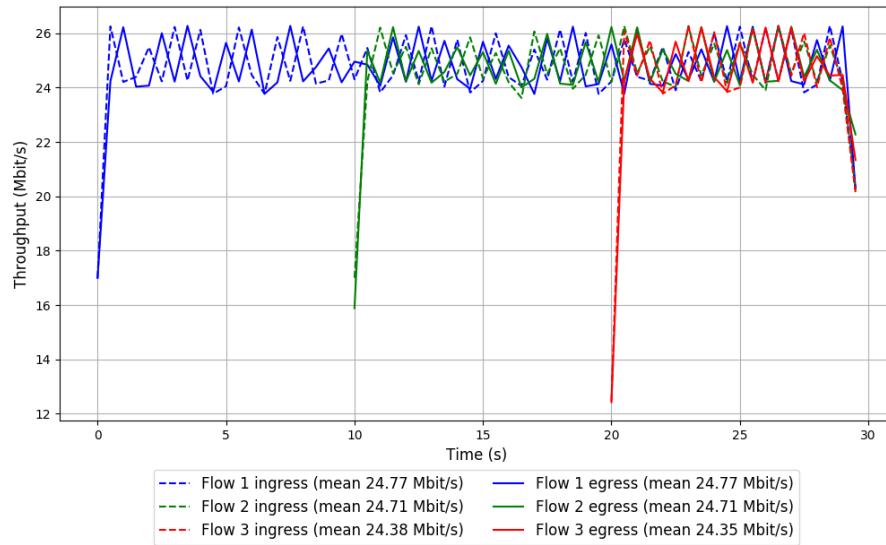


Run 5: Statistics of Sprout

```
Start at: 2017-11-16 12:16:34
End at: 2017-11-16 12:17:04
Local clock offset: 1.091 ms
Remote clock offset: -0.325 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 21.826 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.928 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.814 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 21.182 ms
Loss rate: 0.13%
```

Run 5: Report of Sprout — Data Link

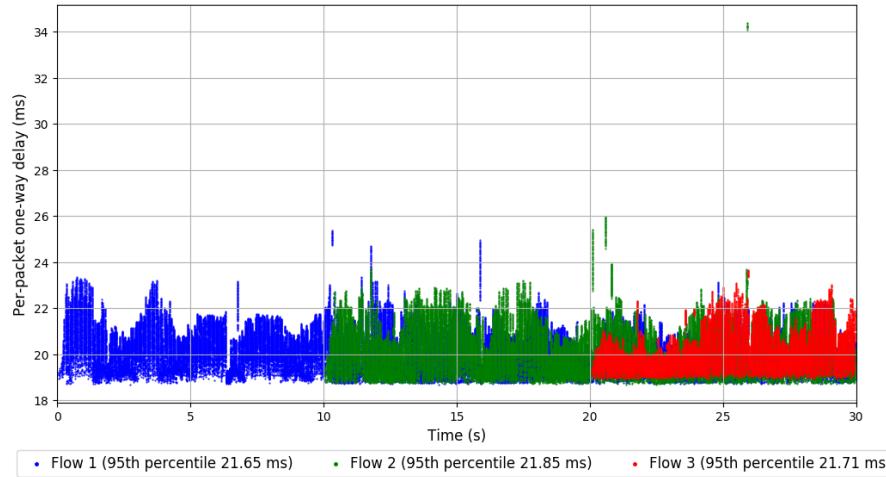
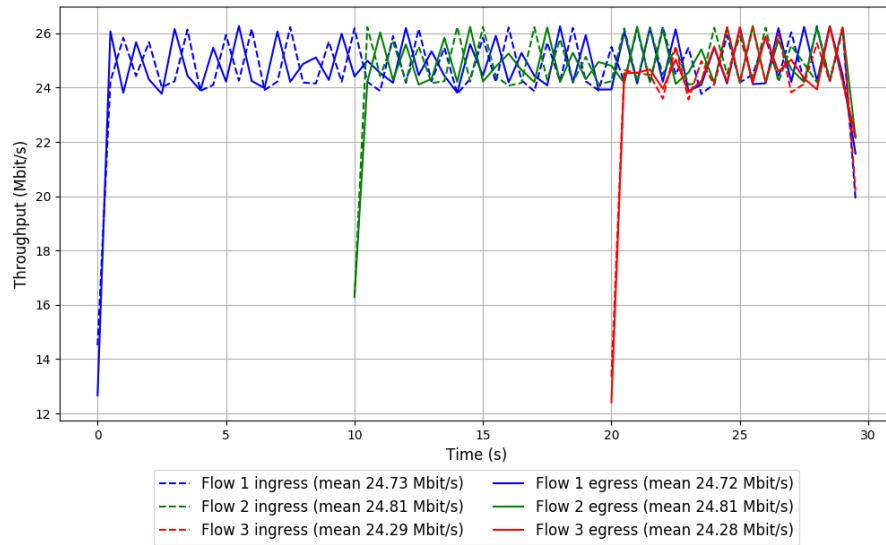


Run 6: Statistics of Sprout

```
Start at: 2017-11-16 12:36:28
End at: 2017-11-16 12:36:58
Local clock offset: 0.888 ms
Remote clock offset: -0.255 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 21.734 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.647 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 21.851 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 21.714 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

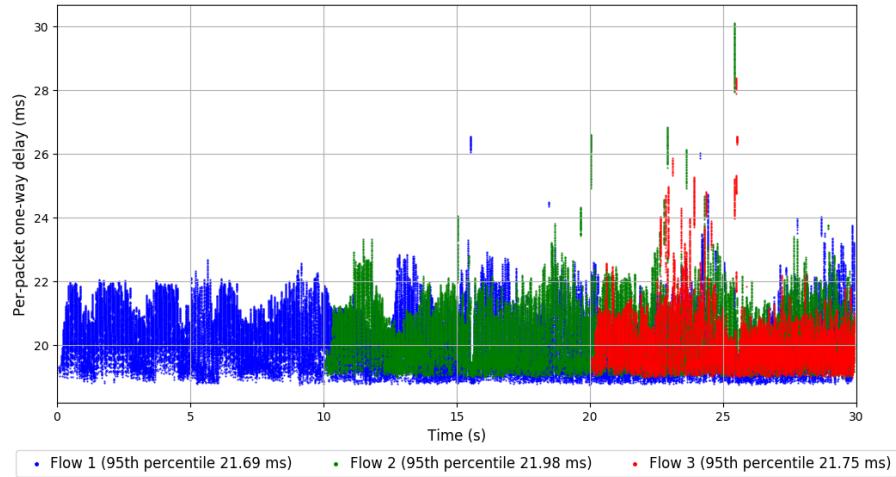
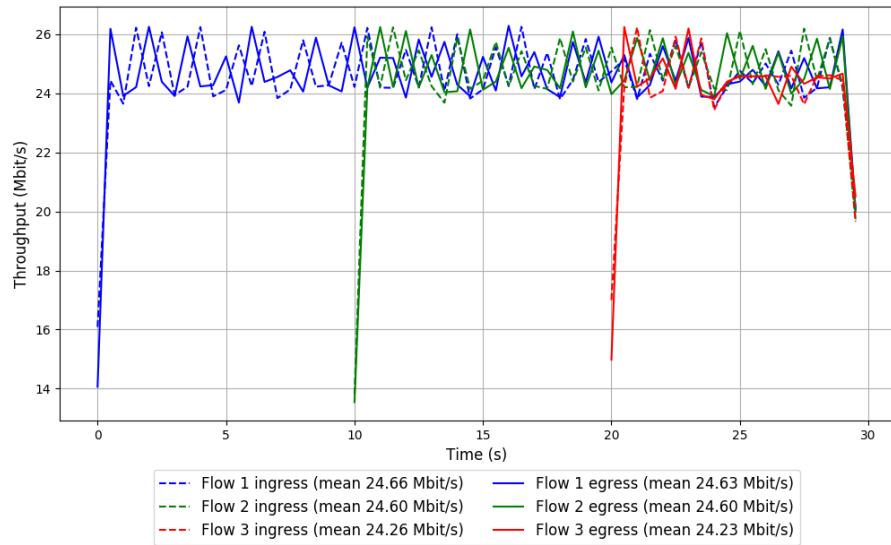


Run 7: Statistics of Sprout

```
Start at: 2017-11-16 12:56:48
End at: 2017-11-16 12:57:18
Local clock offset: 0.931 ms
Remote clock offset: -0.349 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 21.797 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 21.691 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 21.977 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 21.745 ms
Loss rate: 0.11%
```

## Run 7: Report of Sprout — Data Link

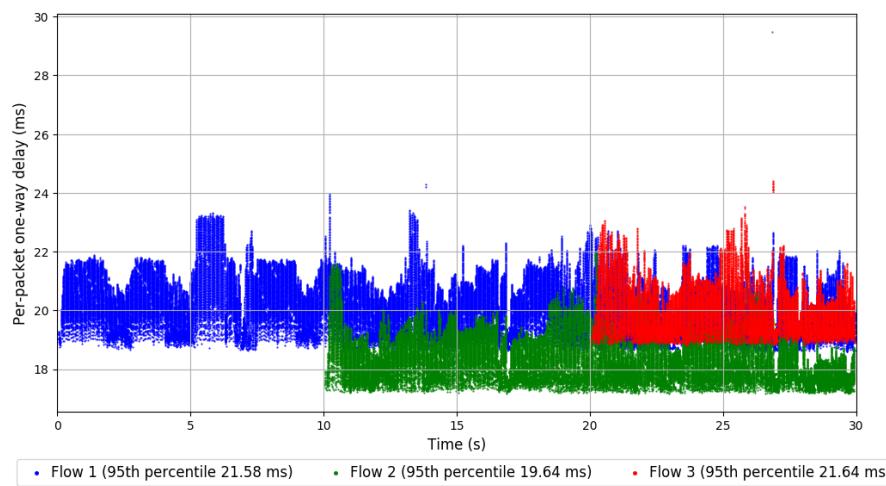
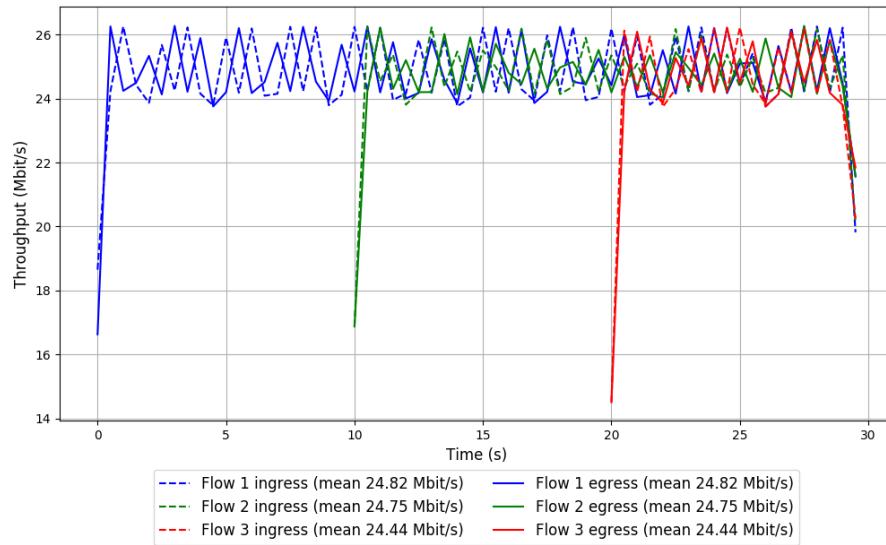


Run 8: Statistics of Sprout

```
Start at: 2017-11-16 13:16:47
End at: 2017-11-16 13:17:17
Local clock offset: 0.958 ms
Remote clock offset: -0.741 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 21.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 21.579 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 19.641 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 21.644 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

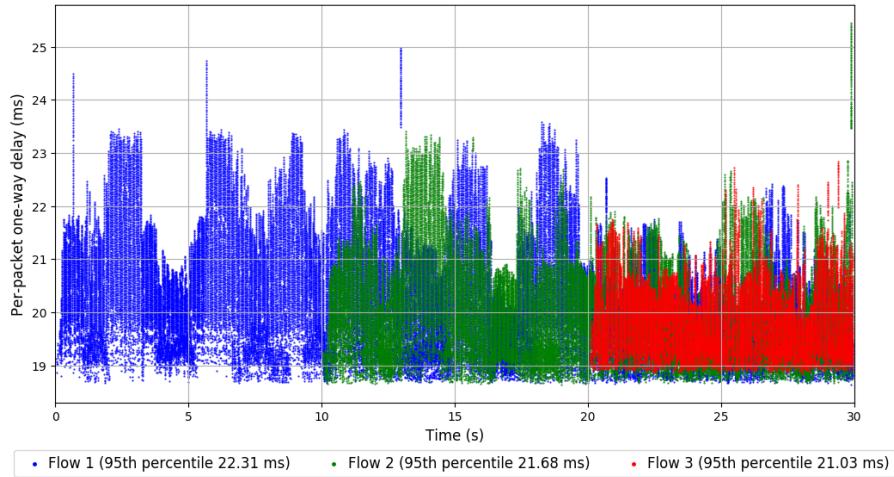
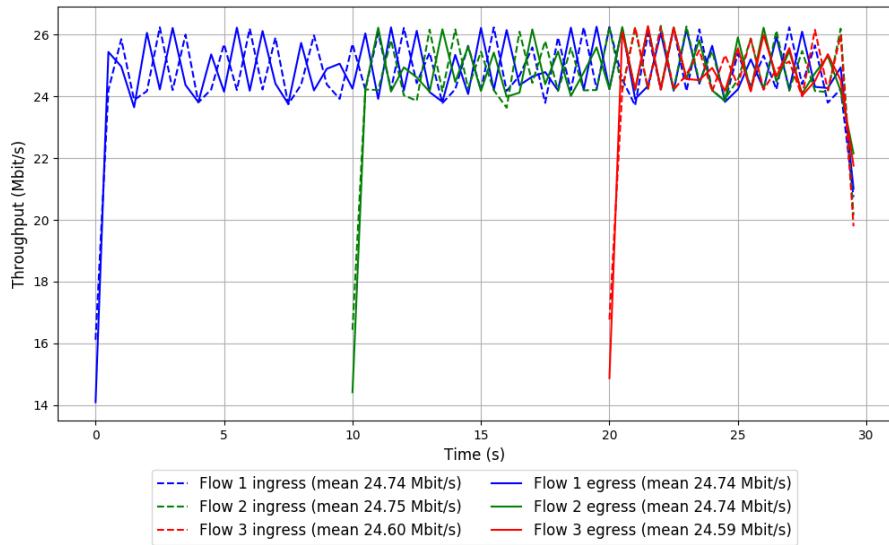


Run 9: Statistics of Sprout

```
Start at: 2017-11-16 13:36:21
End at: 2017-11-16 13:36:51
Local clock offset: 0.815 ms
Remote clock offset: -1.01 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 21.982 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.311 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 21.685 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 21.028 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

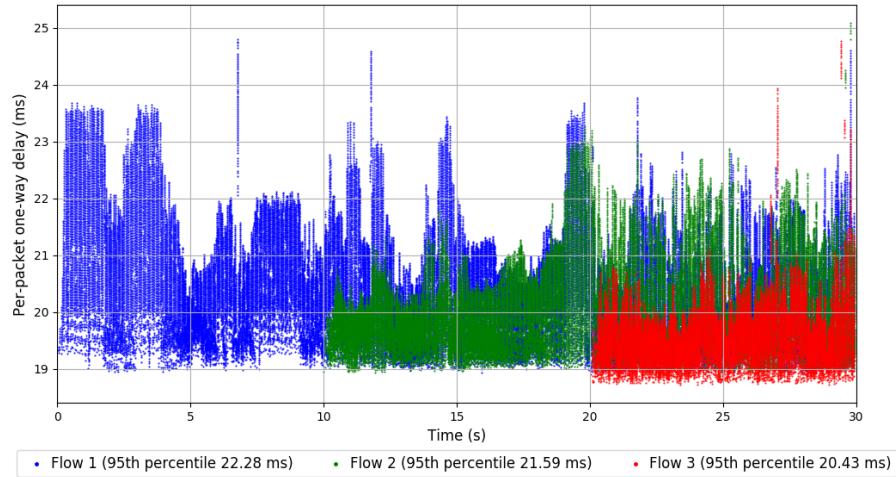
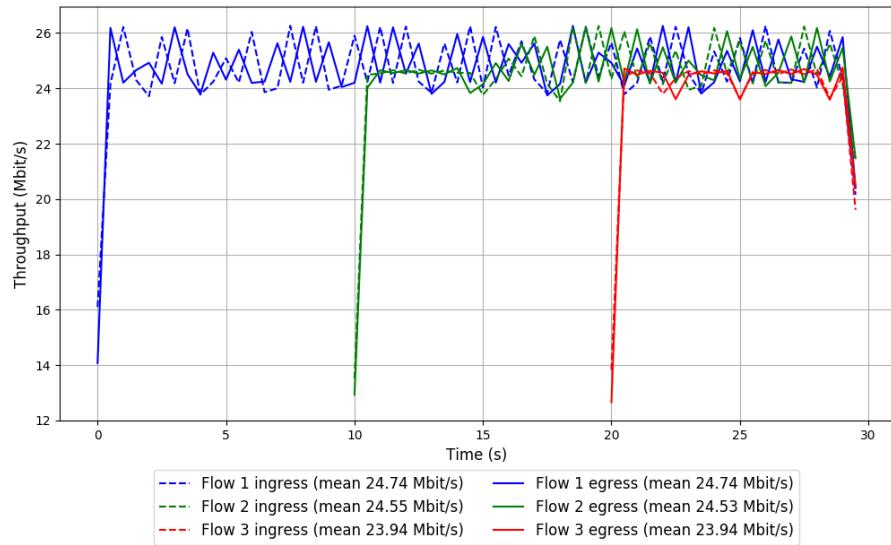


Run 10: Statistics of Sprout

```
Start at: 2017-11-16 13:56:18
End at: 2017-11-16 13:56:48
Local clock offset: 0.766 ms
Remote clock offset: -1.103 ms

# Below is generated by plot.py at 2017-11-16 16:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.95 Mbit/s
95th percentile per-packet one-way delay: 21.901 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.276 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 21.594 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 20.428 ms
Loss rate: 0.01%
```

Run 10: Report of Sprout — Data Link

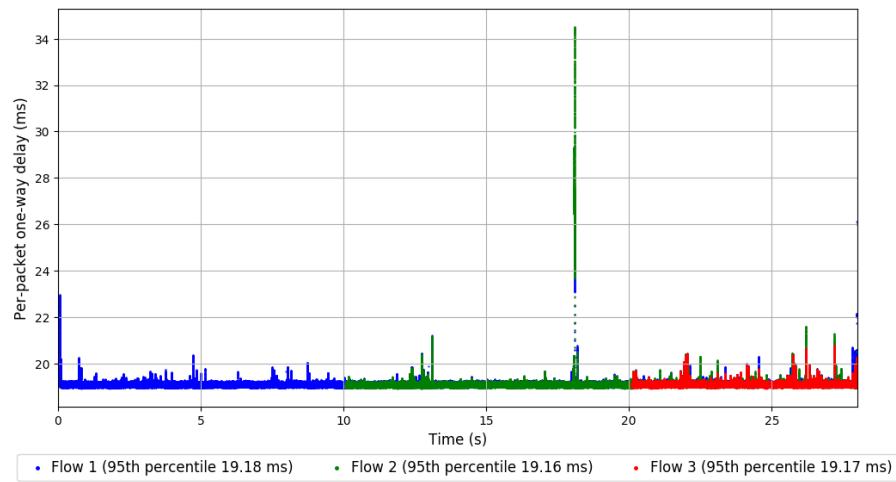
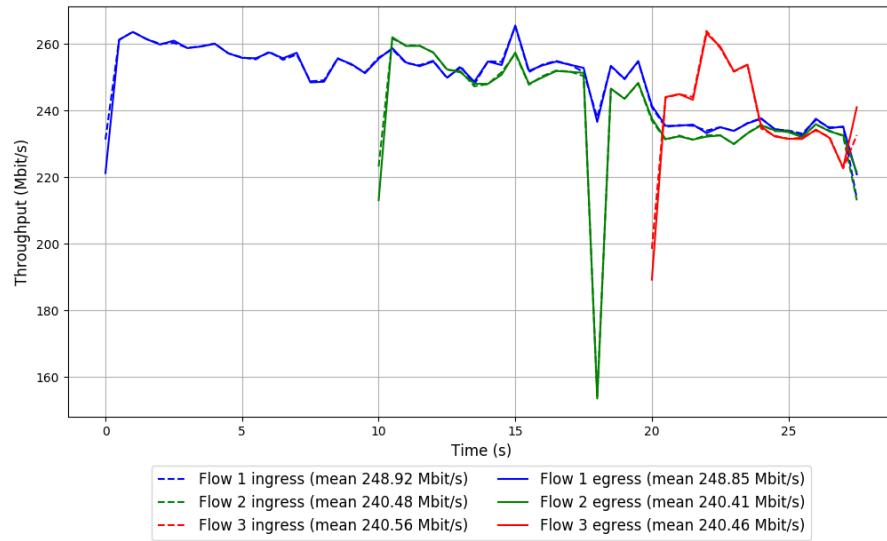


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-11-16 10:54:46
End at: 2017-11-16 10:55:16
Local clock offset: 1.078 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2017-11-16 16:39:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 471.13 Mbit/s
95th percentile per-packet one-way delay: 19.172 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 248.85 Mbit/s
95th percentile per-packet one-way delay: 19.176 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 240.41 Mbit/s
95th percentile per-packet one-way delay: 19.164 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 240.46 Mbit/s
95th percentile per-packet one-way delay: 19.173 ms
Loss rate: 0.04%
```

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

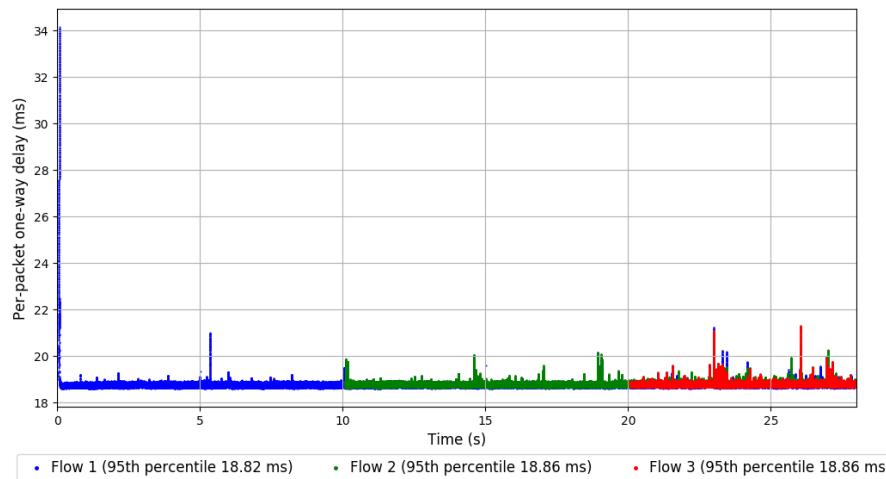
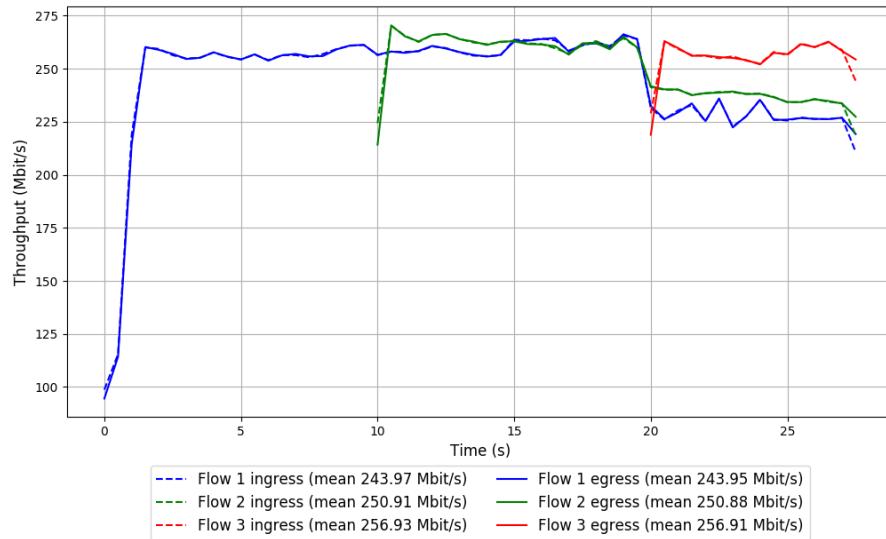


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-11-16 11:14:27
End at: 2017-11-16 11:14:57
Local clock offset: 1.35 ms
Remote clock offset: -0.422 ms

# Below is generated by plot.py at 2017-11-16 16:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.81 Mbit/s
95th percentile per-packet one-way delay: 18.842 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 243.95 Mbit/s
95th percentile per-packet one-way delay: 18.821 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 250.88 Mbit/s
95th percentile per-packet one-way delay: 18.858 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 256.91 Mbit/s
95th percentile per-packet one-way delay: 18.856 ms
Loss rate: 0.01%
```

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

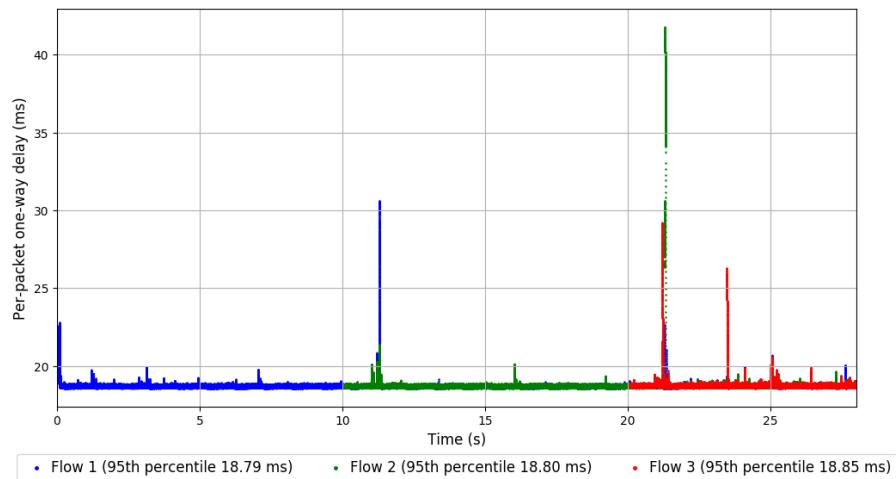
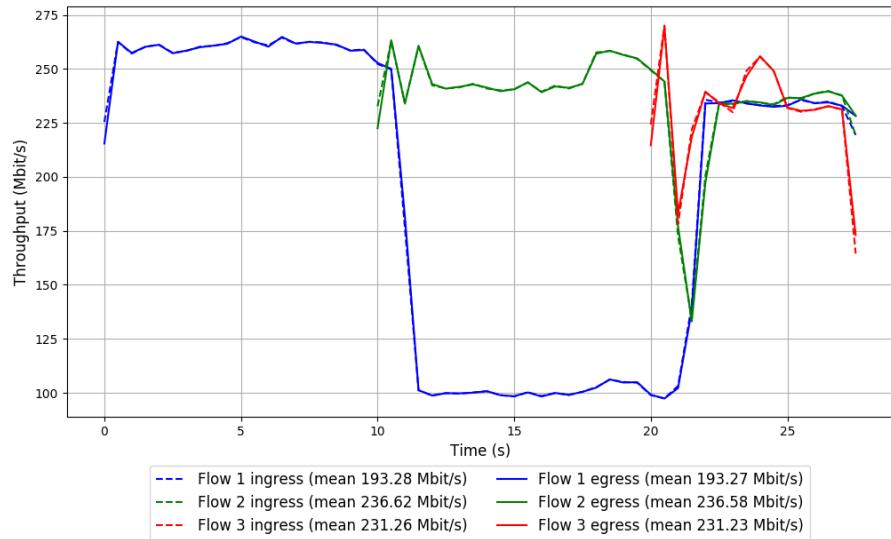


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-16 11:33:48
End at: 2017-11-16 11:34:18
Local clock offset: 1.391 ms
Remote clock offset: -0.569 ms

# Below is generated by plot.py at 2017-11-16 16:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 410.83 Mbit/s
95th percentile per-packet one-way delay: 18.808 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 193.27 Mbit/s
95th percentile per-packet one-way delay: 18.793 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 236.58 Mbit/s
95th percentile per-packet one-way delay: 18.803 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 231.23 Mbit/s
95th percentile per-packet one-way delay: 18.846 ms
Loss rate: 0.01%
```

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

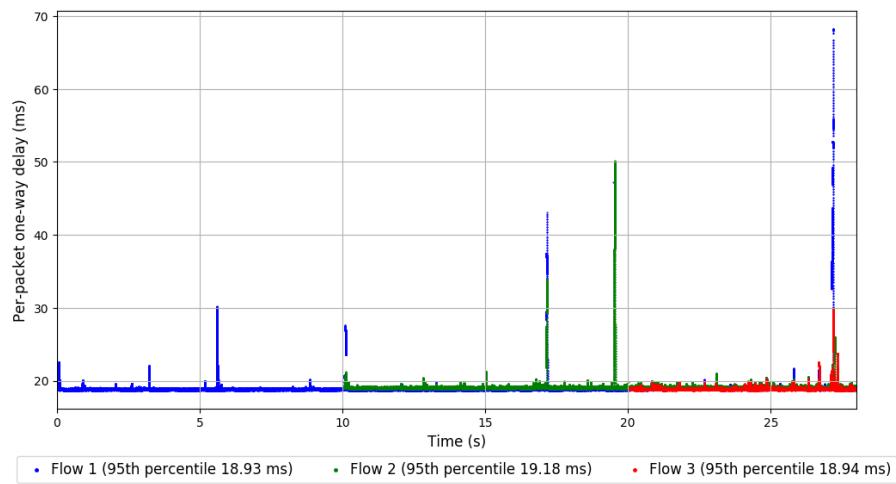
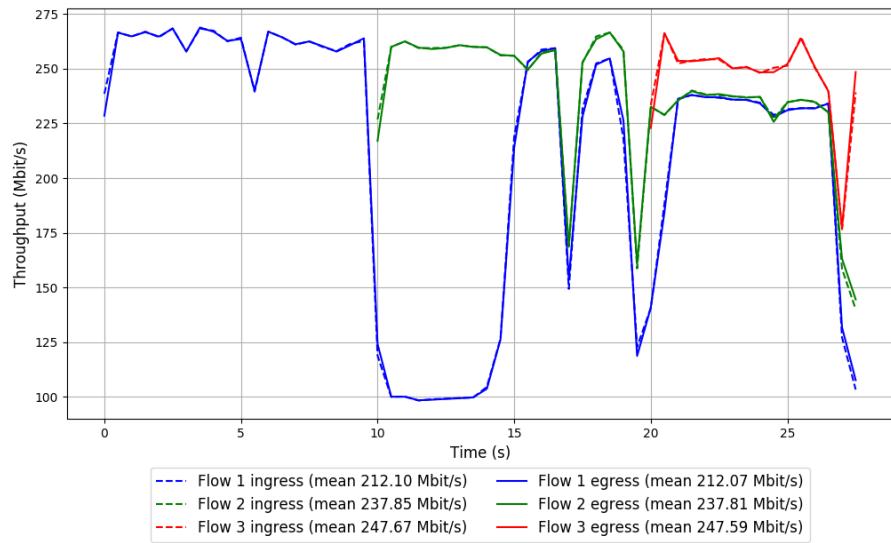


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-16 11:53:12
End at: 2017-11-16 11:53:42
Local clock offset: 1.135 ms
Remote clock offset: -0.472 ms

# Below is generated by plot.py at 2017-11-16 16:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 435.09 Mbit/s
95th percentile per-packet one-way delay: 19.131 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 212.07 Mbit/s
95th percentile per-packet one-way delay: 18.933 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 237.81 Mbit/s
95th percentile per-packet one-way delay: 19.175 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 247.59 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.03%
```

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

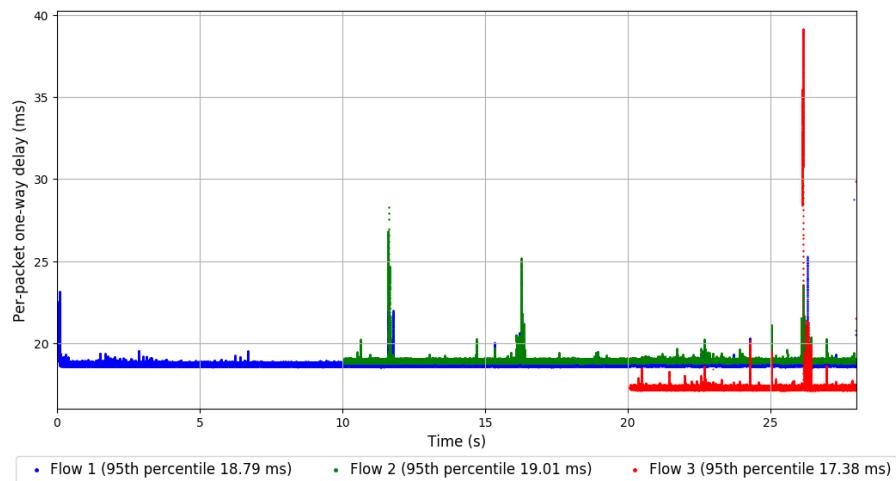
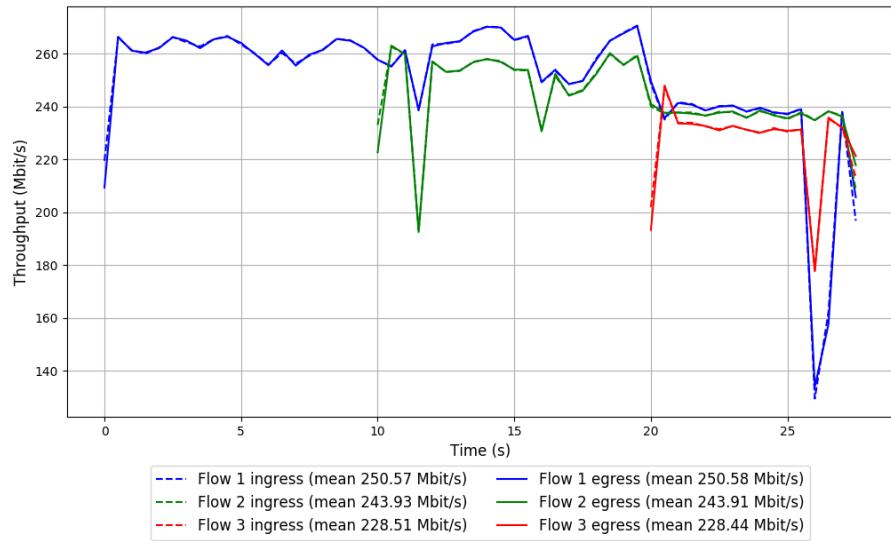


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-11-16 12:13:06
End at: 2017-11-16 12:13:36
Local clock offset: 1.178 ms
Remote clock offset: -0.48 ms

# Below is generated by plot.py at 2017-11-16 16:40:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.00 Mbit/s
95th percentile per-packet one-way delay: 18.969 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 250.58 Mbit/s
95th percentile per-packet one-way delay: 18.794 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 243.91 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 228.44 Mbit/s
95th percentile per-packet one-way delay: 17.382 ms
Loss rate: 0.03%
```

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

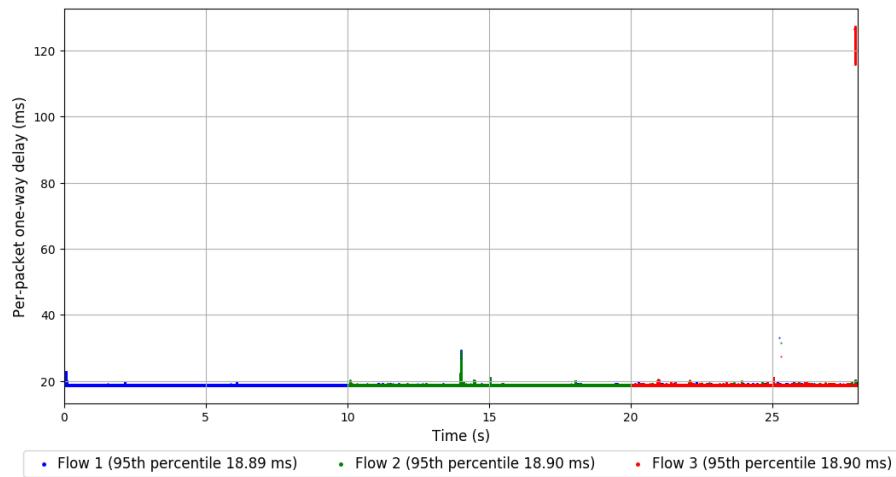
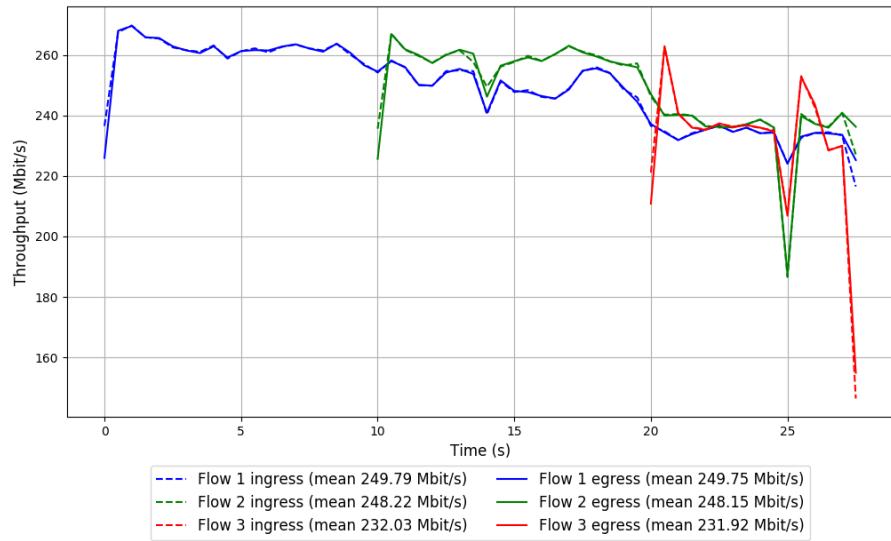


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-11-16 12:33:00
End at: 2017-11-16 12:33:30
Local clock offset: 0.993 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at 2017-11-16 16:40:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.90 Mbit/s
95th percentile per-packet one-way delay: 18.892 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 249.75 Mbit/s
95th percentile per-packet one-way delay: 18.886 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 248.15 Mbit/s
95th percentile per-packet one-way delay: 18.897 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 231.92 Mbit/s
95th percentile per-packet one-way delay: 18.898 ms
Loss rate: 0.03%
```

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

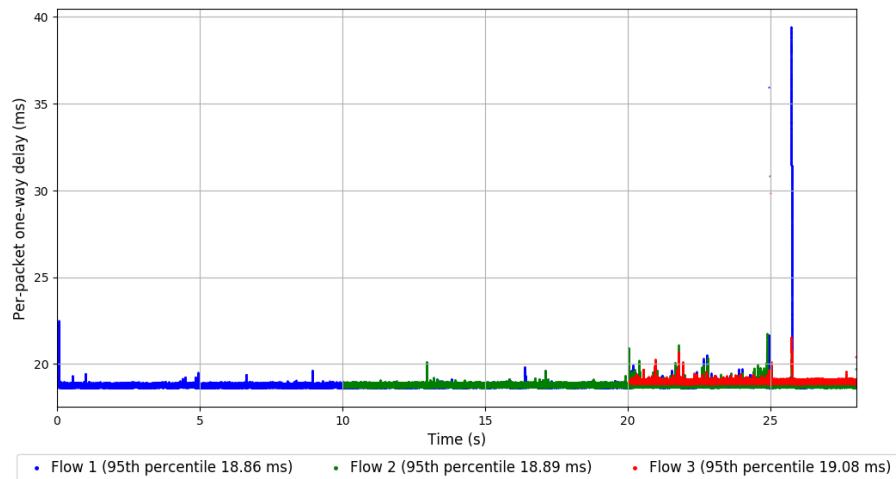
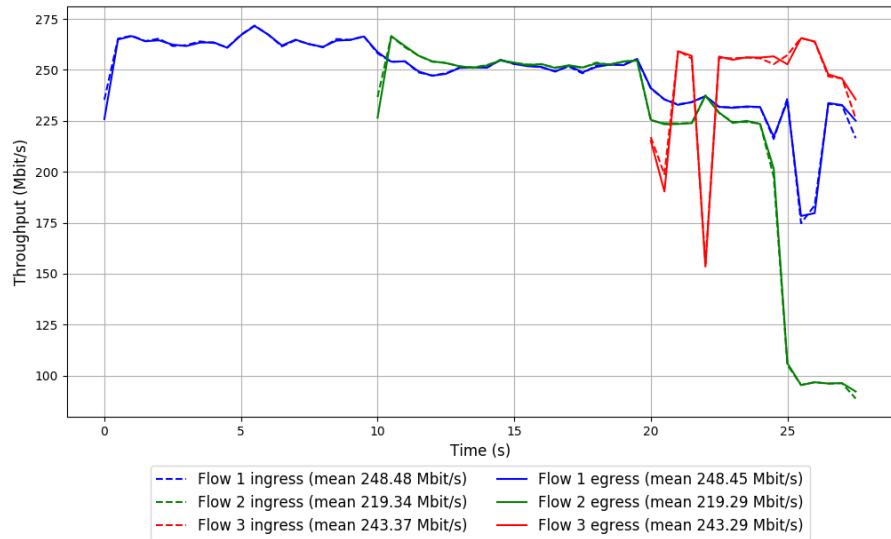


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-16 12:53:20
End at: 2017-11-16 12:53:50
Local clock offset: 0.978 ms
Remote clock offset: -0.311 ms

# Below is generated by plot.py at 2017-11-16 16:40:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 458.36 Mbit/s
95th percentile per-packet one-way delay: 19.014 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 248.45 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 219.29 Mbit/s
95th percentile per-packet one-way delay: 18.893 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 243.29 Mbit/s
95th percentile per-packet one-way delay: 19.083 ms
Loss rate: 0.01%
```

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

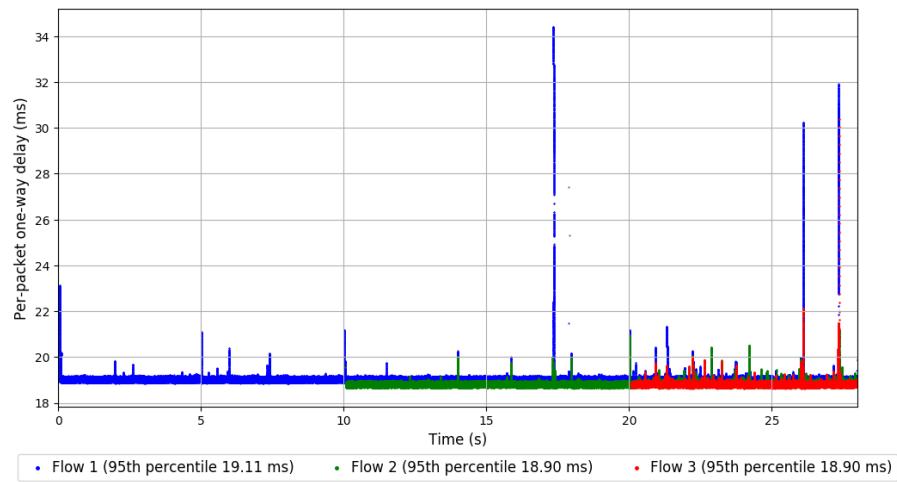
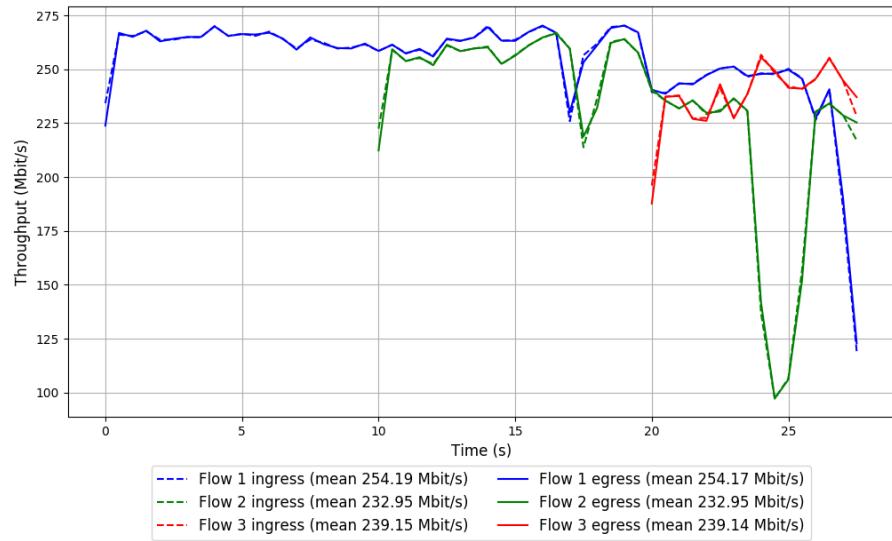


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-16 13:13:19
End at: 2017-11-16 13:13:49
Local clock offset: 0.916 ms
Remote clock offset: -0.768 ms

# Below is generated by plot.py at 2017-11-16 16:41:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 471.37 Mbit/s
95th percentile per-packet one-way delay: 19.086 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 254.17 Mbit/s
95th percentile per-packet one-way delay: 19.106 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 232.95 Mbit/s
95th percentile per-packet one-way delay: 18.903 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 239.14 Mbit/s
95th percentile per-packet one-way delay: 18.898 ms
Loss rate: 0.01%
```

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

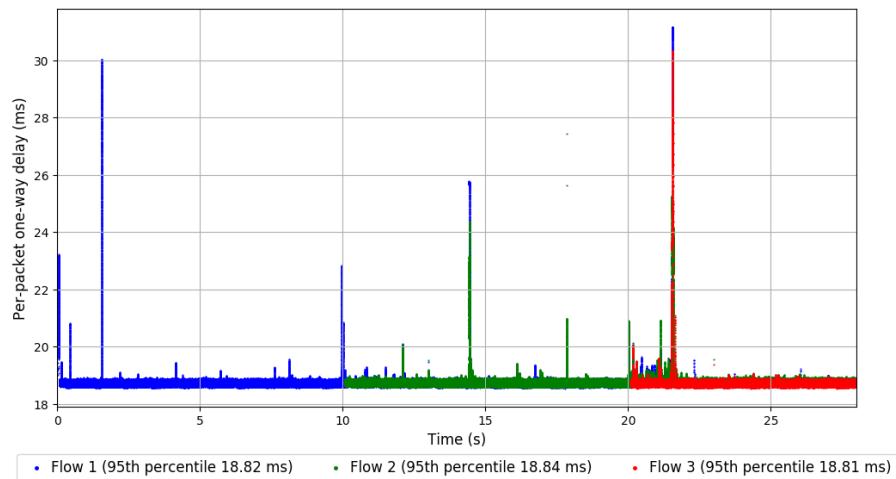
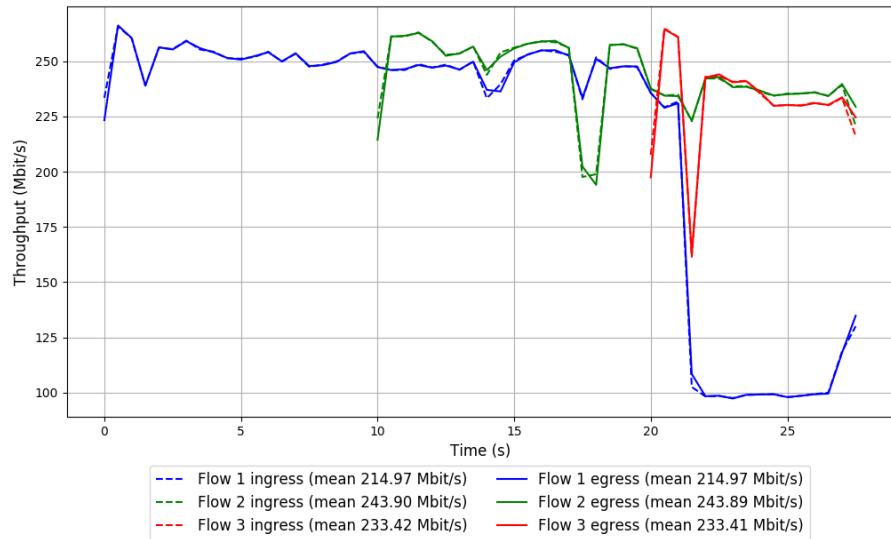


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-16 13:32:55
End at: 2017-11-16 13:33:25
Local clock offset: 0.855 ms
Remote clock offset: -0.95 ms

# Below is generated by plot.py at 2017-11-16 16:49:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 437.49 Mbit/s
95th percentile per-packet one-way delay: 18.828 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 214.97 Mbit/s
95th percentile per-packet one-way delay: 18.824 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 243.89 Mbit/s
95th percentile per-packet one-way delay: 18.839 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 233.41 Mbit/s
95th percentile per-packet one-way delay: 18.808 ms
Loss rate: 0.01%
```

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

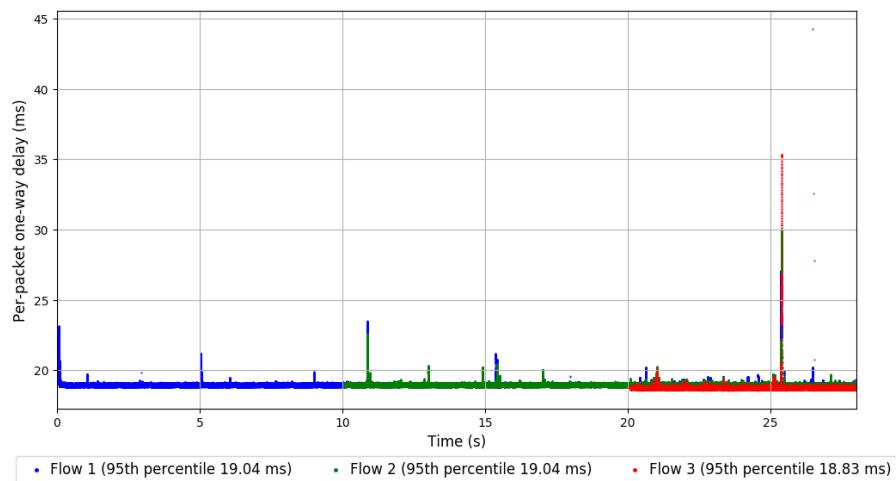
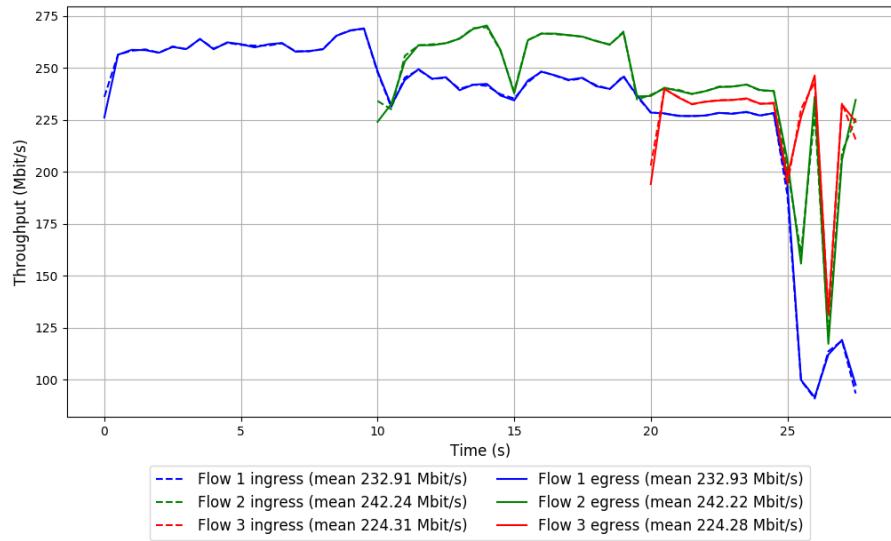


```
Run 10: Statistics of TaoVA-100x

Start at: 2017-11-16 13:52:51
End at: 2017-11-16 13:53:21
Local clock offset: 0.791 ms
Remote clock offset: -1.177 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 452.15 Mbit/s
95th percentile per-packet one-way delay: 19.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.93 Mbit/s
95th percentile per-packet one-way delay: 19.036 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 242.22 Mbit/s
95th percentile per-packet one-way delay: 19.039 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 224.28 Mbit/s
95th percentile per-packet one-way delay: 18.834 ms
Loss rate: 0.00%
```

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

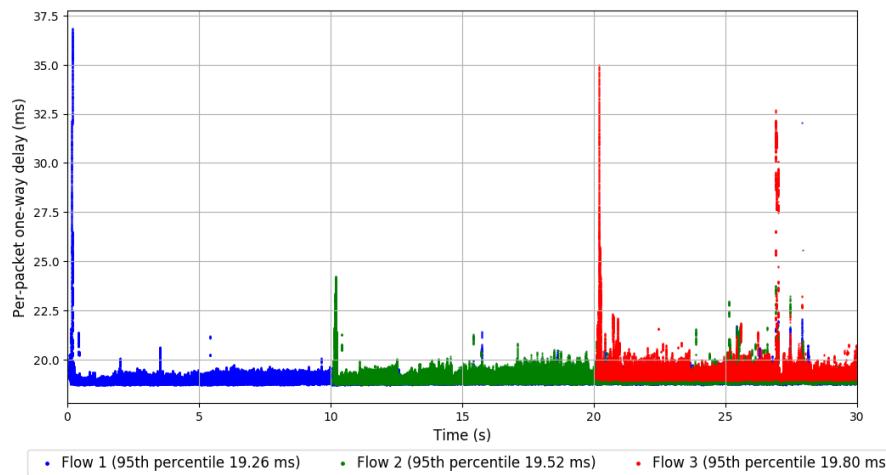
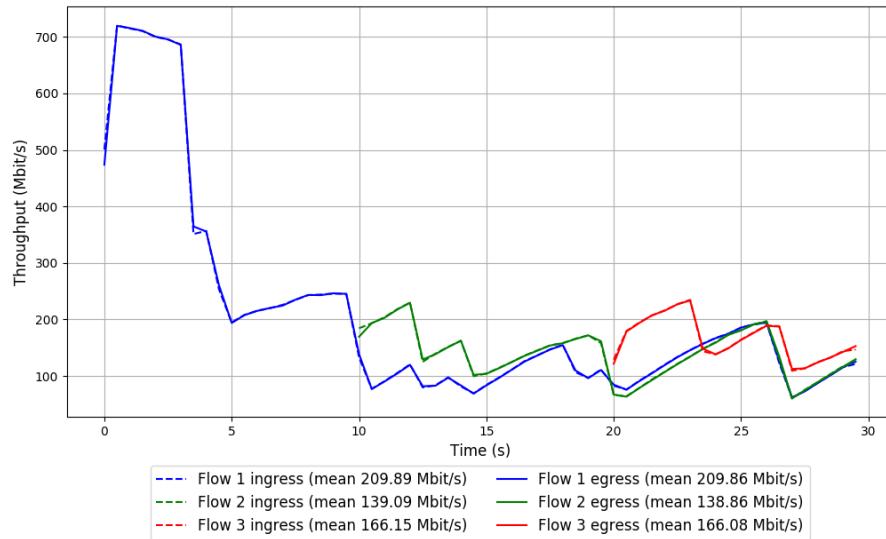


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-16 10:47:46
End at: 2017-11-16 10:48:16
Local clock offset: 1.027 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.45 Mbit/s
95th percentile per-packet one-way delay: 19.492 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 209.86 Mbit/s
95th percentile per-packet one-way delay: 19.260 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 138.86 Mbit/s
95th percentile per-packet one-way delay: 19.525 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 166.08 Mbit/s
95th percentile per-packet one-way delay: 19.798 ms
Loss rate: 0.04%
```

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

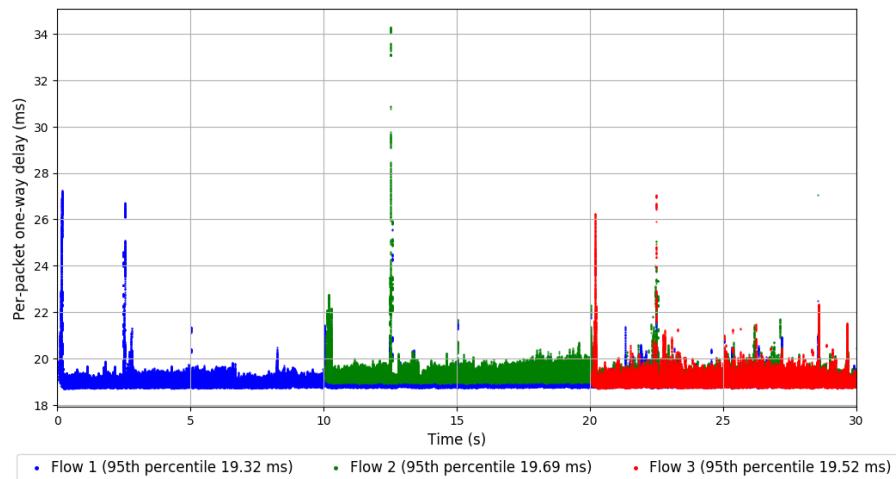
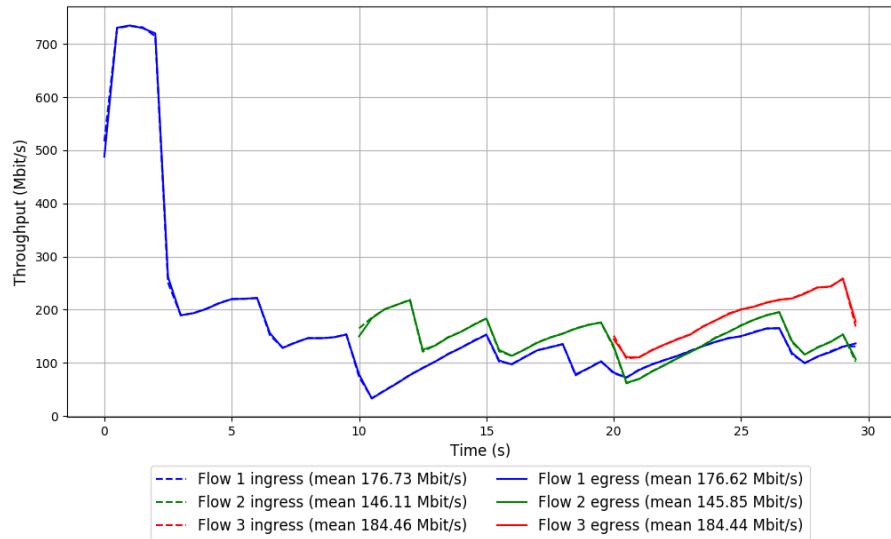


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-16 11:07:33
End at: 2017-11-16 11:08:03
Local clock offset: 1.182 ms
Remote clock offset: -0.429 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 334.98 Mbit/s
95th percentile per-packet one-way delay: 19.541 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 176.62 Mbit/s
95th percentile per-packet one-way delay: 19.317 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 145.85 Mbit/s
95th percentile per-packet one-way delay: 19.692 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 184.44 Mbit/s
95th percentile per-packet one-way delay: 19.524 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

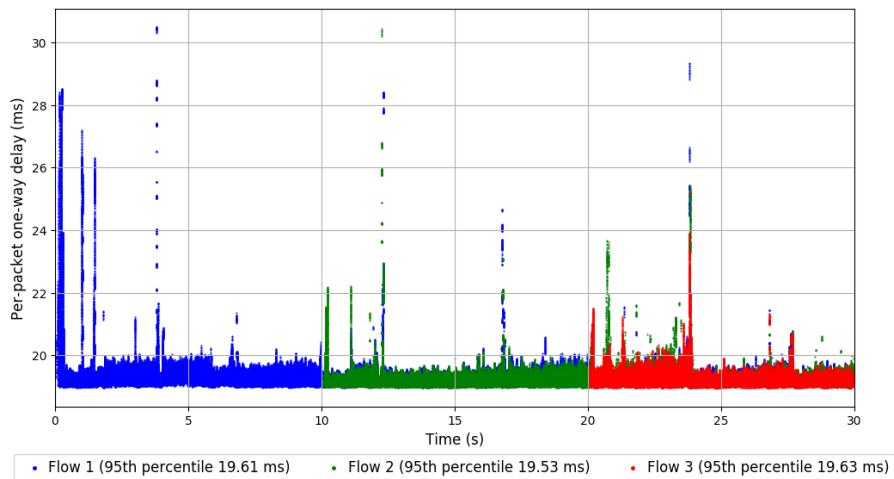
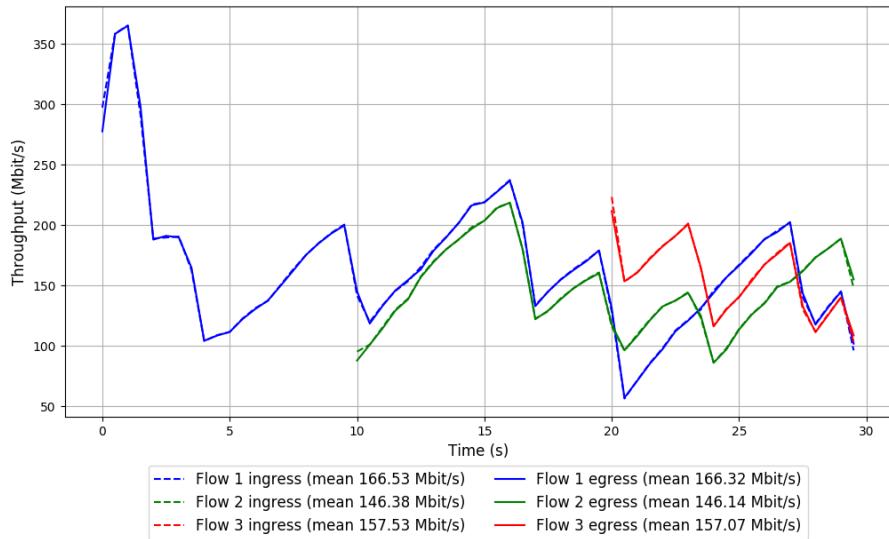


Run 3: Statistics of TCP Vegas

```
Start at: 2017-11-16 11:26:52
End at: 2017-11-16 11:27:22
Local clock offset: 1.357 ms
Remote clock offset: -0.458 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 315.77 Mbit/s
95th percentile per-packet one-way delay: 19.591 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 166.32 Mbit/s
95th percentile per-packet one-way delay: 19.610 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 146.14 Mbit/s
95th percentile per-packet one-way delay: 19.532 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 157.07 Mbit/s
95th percentile per-packet one-way delay: 19.626 ms
Loss rate: 0.29%
```

Run 3: Report of TCP Vegas — Data Link

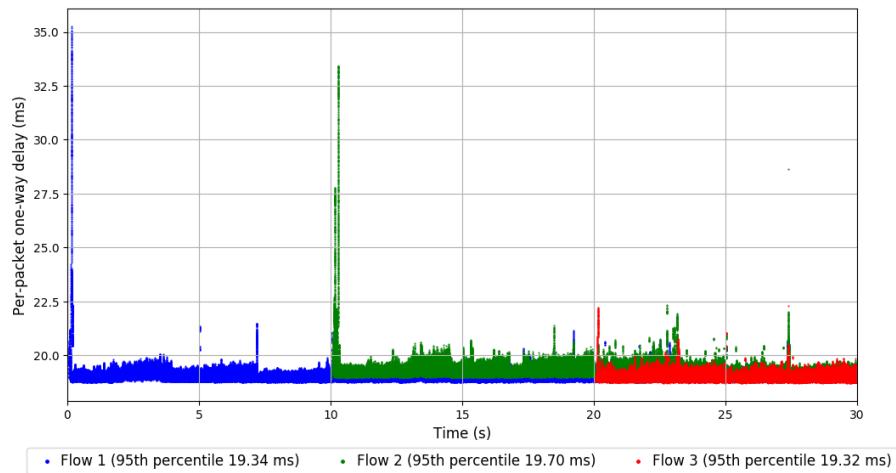
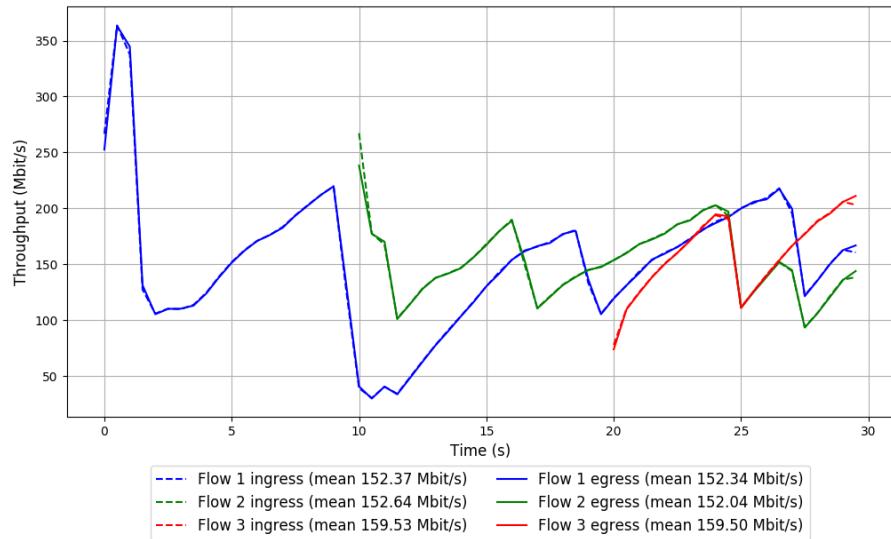


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-16 11:46:10
End at: 2017-11-16 11:46:40
Local clock offset: 1.211 ms
Remote clock offset: -0.471 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 306.48 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 152.34 Mbit/s
95th percentile per-packet one-way delay: 19.344 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 152.04 Mbit/s
95th percentile per-packet one-way delay: 19.704 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 159.50 Mbit/s
95th percentile per-packet one-way delay: 19.320 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Vegas — Data Link

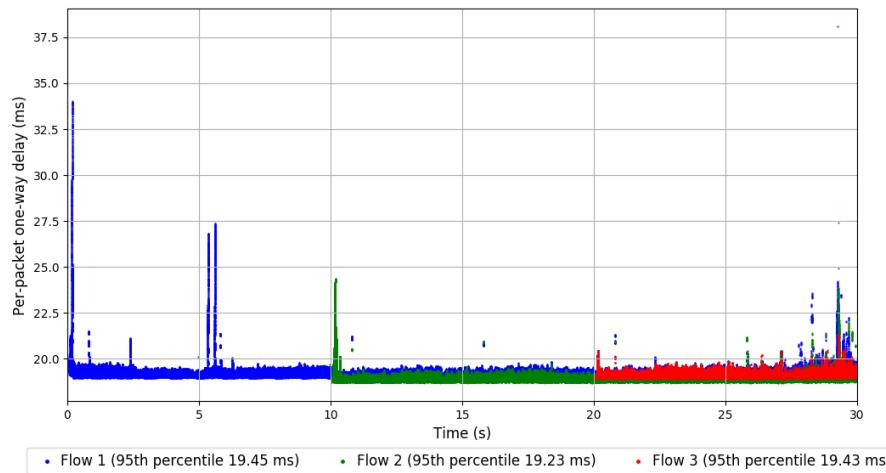
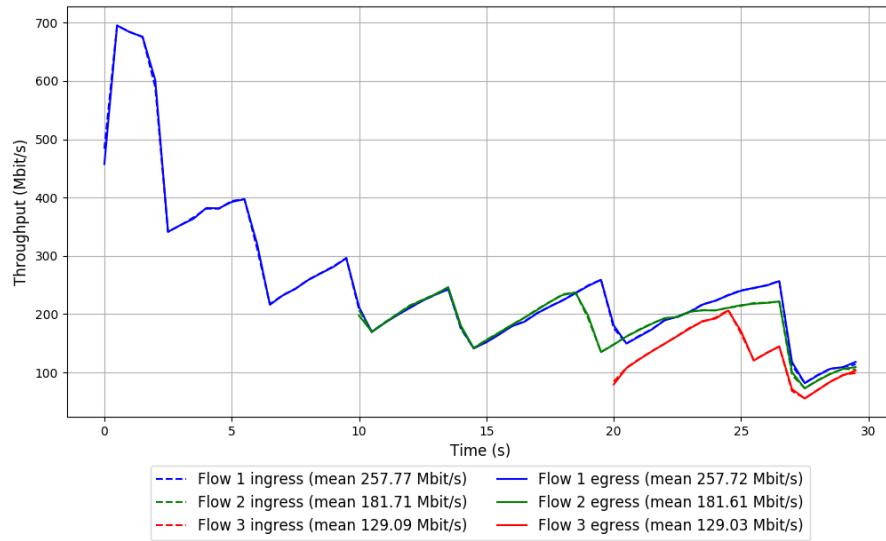


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-16 12:06:00
End at: 2017-11-16 12:06:30
Local clock offset: 1.071 ms
Remote clock offset: -0.597 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 421.46 Mbit/s
95th percentile per-packet one-way delay: 19.416 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 257.72 Mbit/s
95th percentile per-packet one-way delay: 19.445 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 181.61 Mbit/s
95th percentile per-packet one-way delay: 19.226 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 129.03 Mbit/s
95th percentile per-packet one-way delay: 19.429 ms
Loss rate: 0.04%
```

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

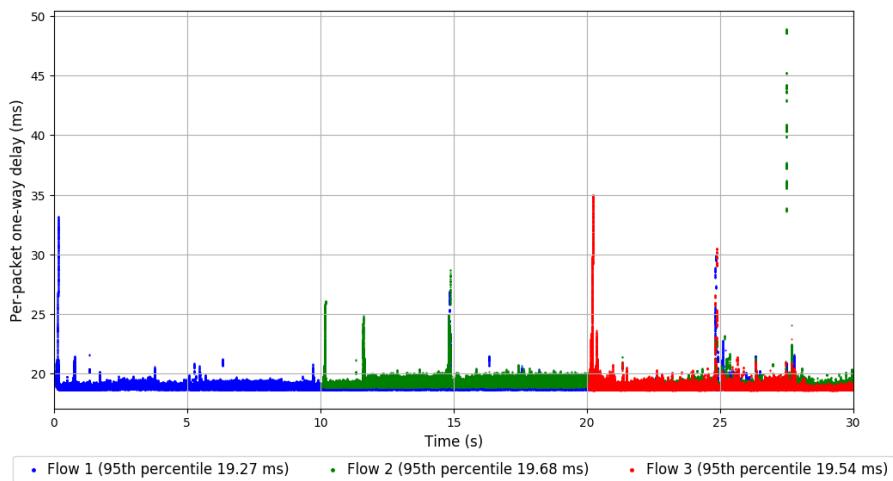
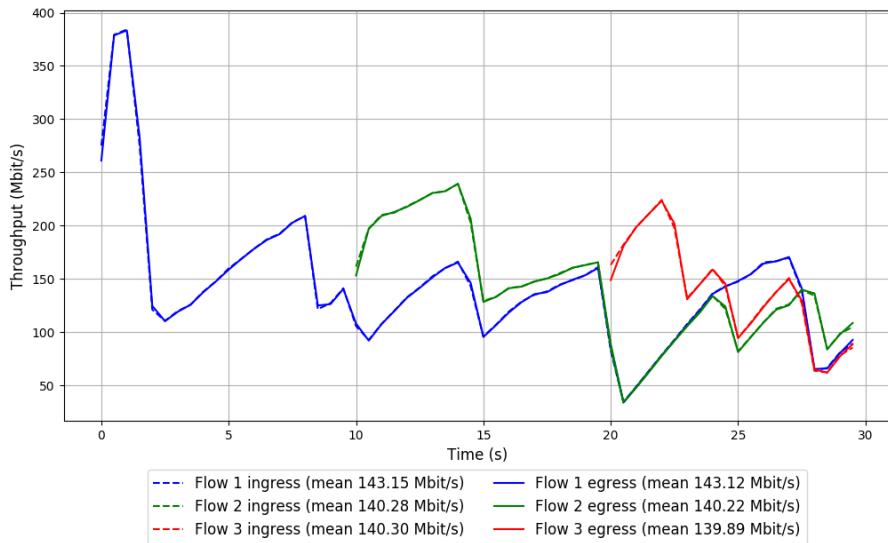


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-16 12:25:59
End at: 2017-11-16 12:26:29
Local clock offset: 1.081 ms
Remote clock offset: -0.133 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 282.96 Mbit/s
95th percentile per-packet one-way delay: 19.531 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 143.12 Mbit/s
95th percentile per-packet one-way delay: 19.272 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 140.22 Mbit/s
95th percentile per-packet one-way delay: 19.678 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 139.89 Mbit/s
95th percentile per-packet one-way delay: 19.535 ms
Loss rate: 0.29%
```

## Run 6: Report of TCP Vegas — Data Link

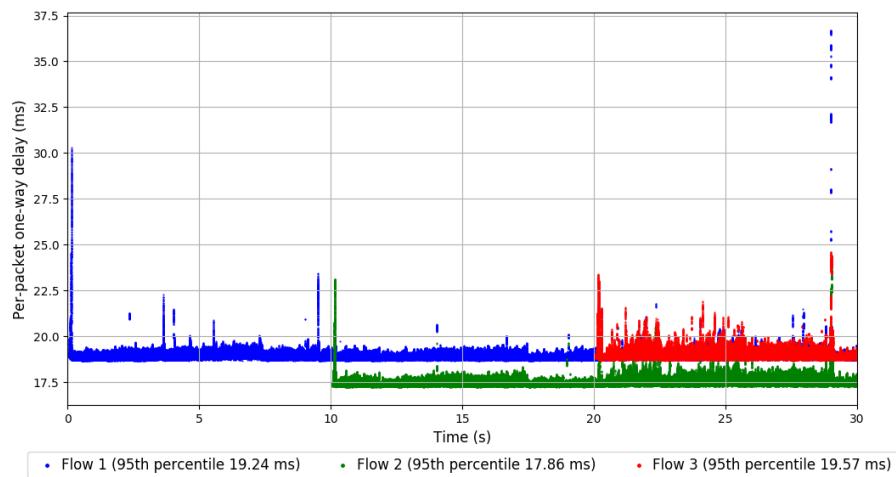
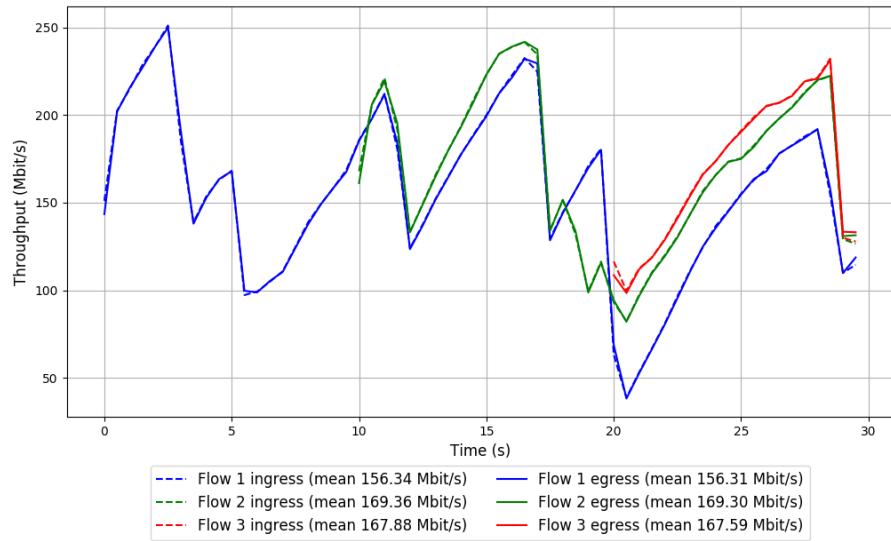


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-16 12:46:15
End at: 2017-11-16 12:46:45
Local clock offset: 0.942 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 324.67 Mbit/s
95th percentile per-packet one-way delay: 19.253 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 156.31 Mbit/s
95th percentile per-packet one-way delay: 19.240 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 169.30 Mbit/s
95th percentile per-packet one-way delay: 17.861 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 167.59 Mbit/s
95th percentile per-packet one-way delay: 19.566 ms
Loss rate: 0.17%
```

Run 7: Report of TCP Vegas — Data Link

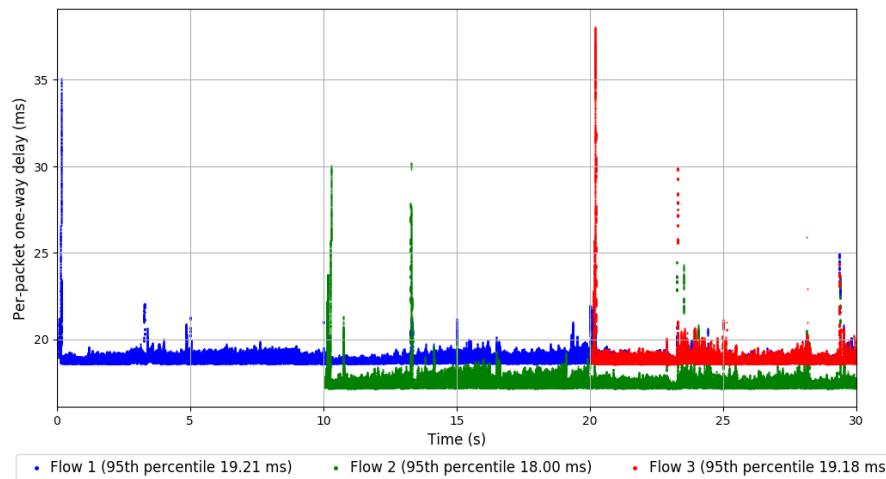
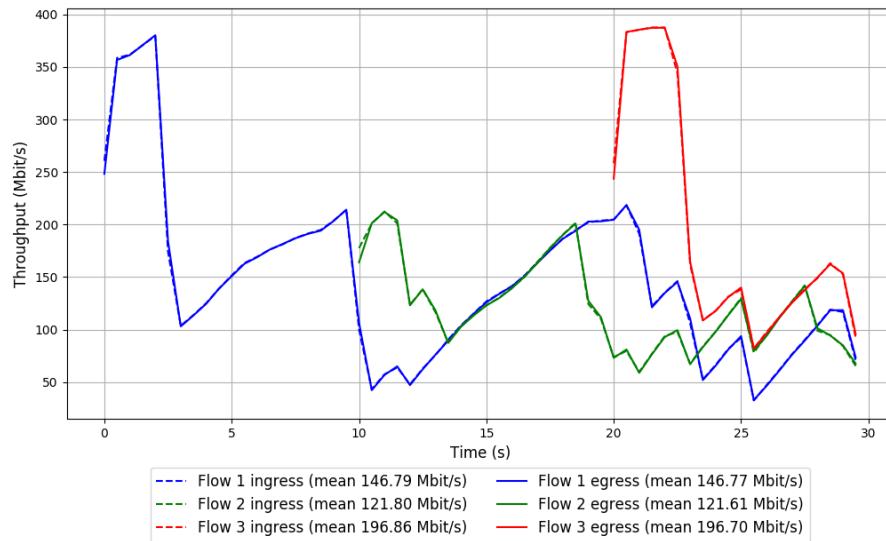


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-16 13:06:21
End at: 2017-11-16 13:06:51
Local clock offset: 1.039 ms
Remote clock offset: -0.617 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 293.05 Mbit/s
95th percentile per-packet one-way delay: 19.163 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 146.77 Mbit/s
95th percentile per-packet one-way delay: 19.210 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 121.61 Mbit/s
95th percentile per-packet one-way delay: 18.003 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 196.70 Mbit/s
95th percentile per-packet one-way delay: 19.180 ms
Loss rate: 0.08%
```

Run 8: Report of TCP Vegas — Data Link

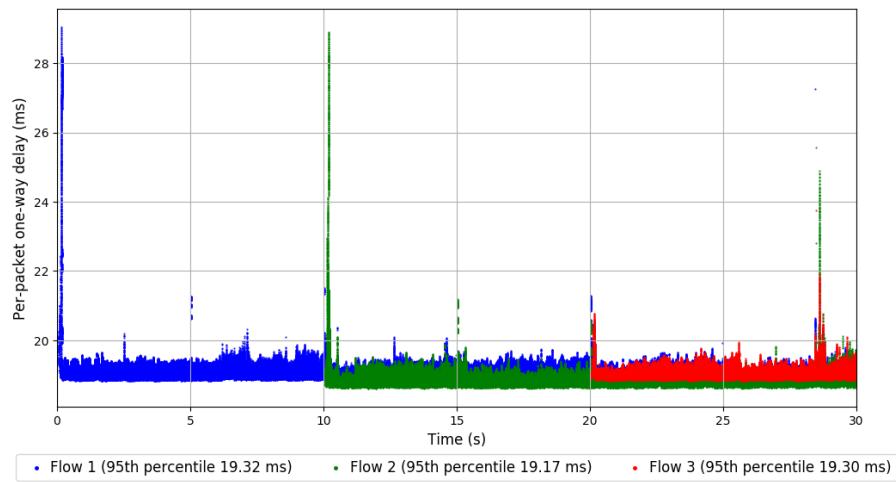
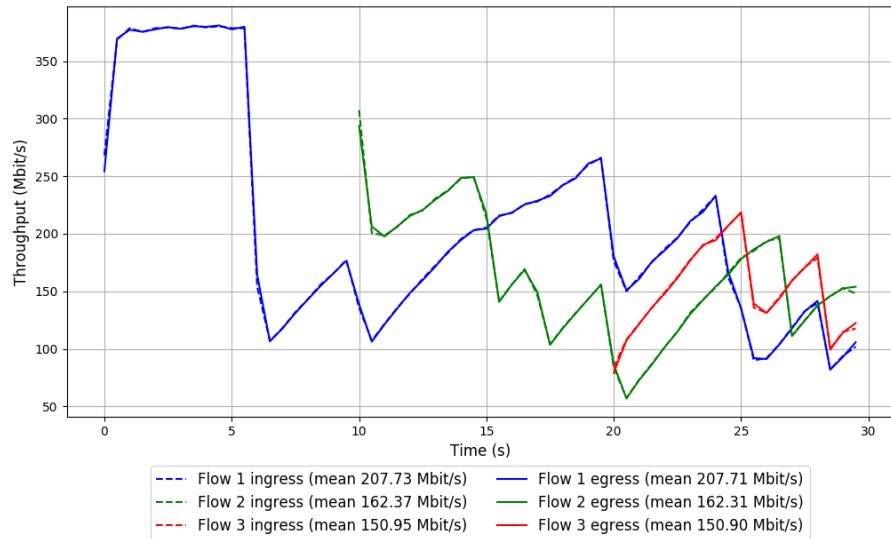


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-16 13:25:51
End at: 2017-11-16 13:26:21
Local clock offset: 0.866 ms
Remote clock offset: -0.827 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.91 Mbit/s
95th percentile per-packet one-way delay: 19.300 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 207.71 Mbit/s
95th percentile per-packet one-way delay: 19.322 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 162.31 Mbit/s
95th percentile per-packet one-way delay: 19.168 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 150.90 Mbit/s
95th percentile per-packet one-way delay: 19.298 ms
Loss rate: 0.03%
```

Run 9: Report of TCP Vegas — Data Link

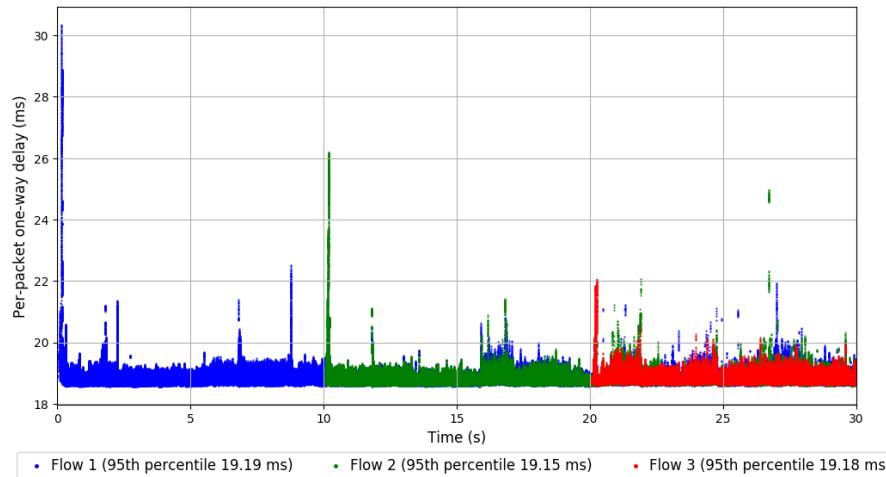
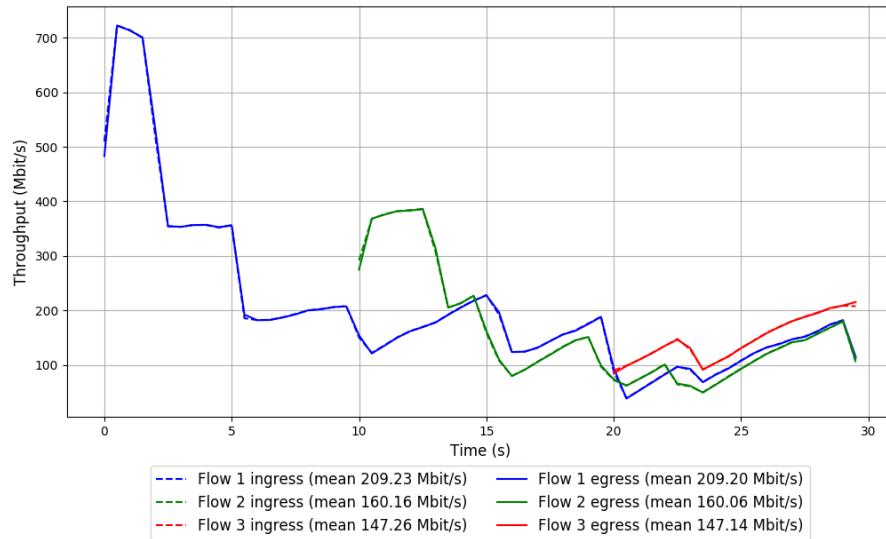


Run 10: Statistics of TCP Vegas

```
Start at: 2017-11-16 13:45:45
End at: 2017-11-16 13:46:15
Local clock offset: 0.822 ms
Remote clock offset: -1.178 ms

# Below is generated by plot.py at 2017-11-16 16:50:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 364.64 Mbit/s
95th percentile per-packet one-way delay: 19.179 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 209.20 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 160.06 Mbit/s
95th percentile per-packet one-way delay: 19.154 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 147.14 Mbit/s
95th percentile per-packet one-way delay: 19.182 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

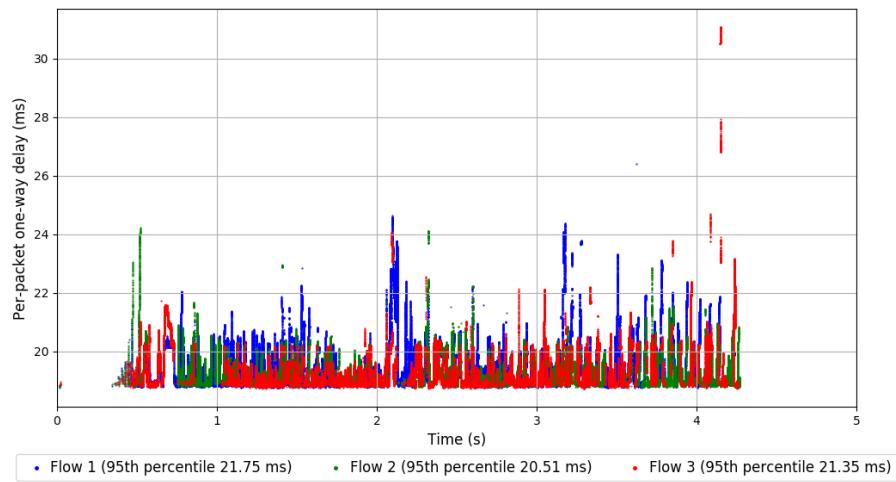
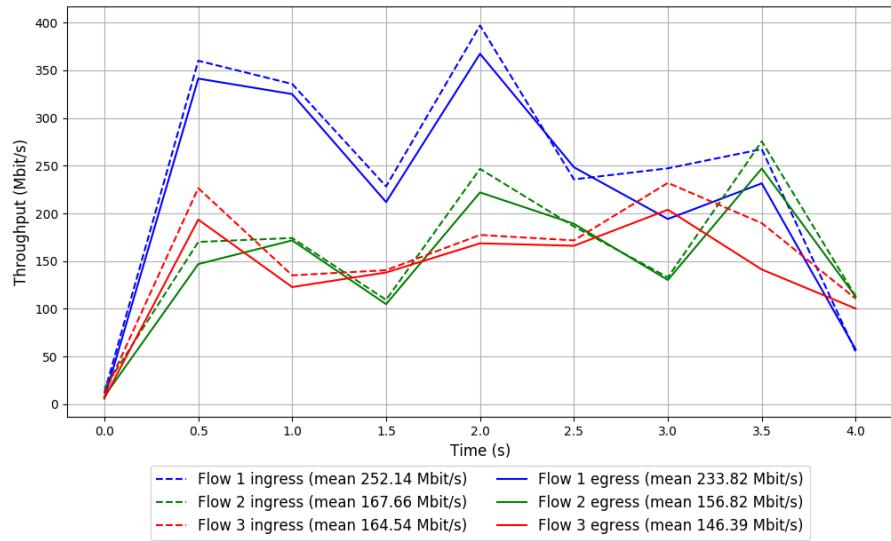
Start at: 2017-11-16 11:02:01

End at: 2017-11-16 11:02:31

Local clock offset: 1.224 ms

Remote clock offset: -0.24 ms

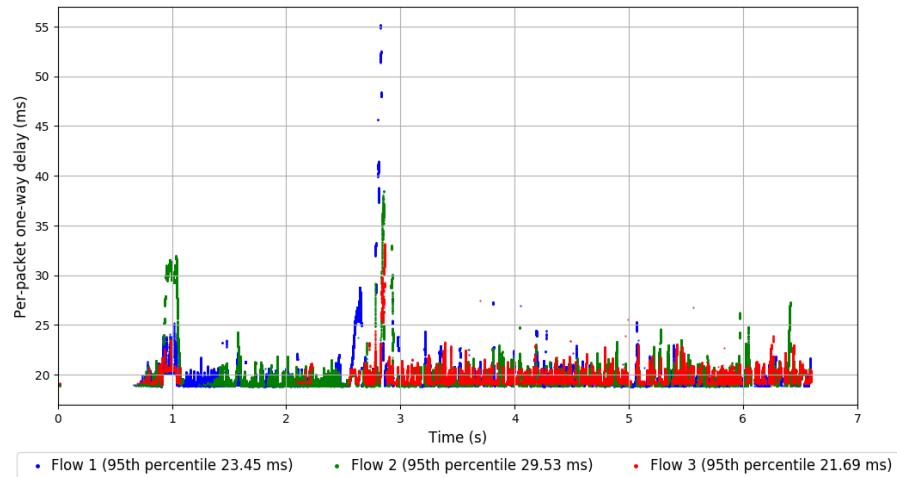
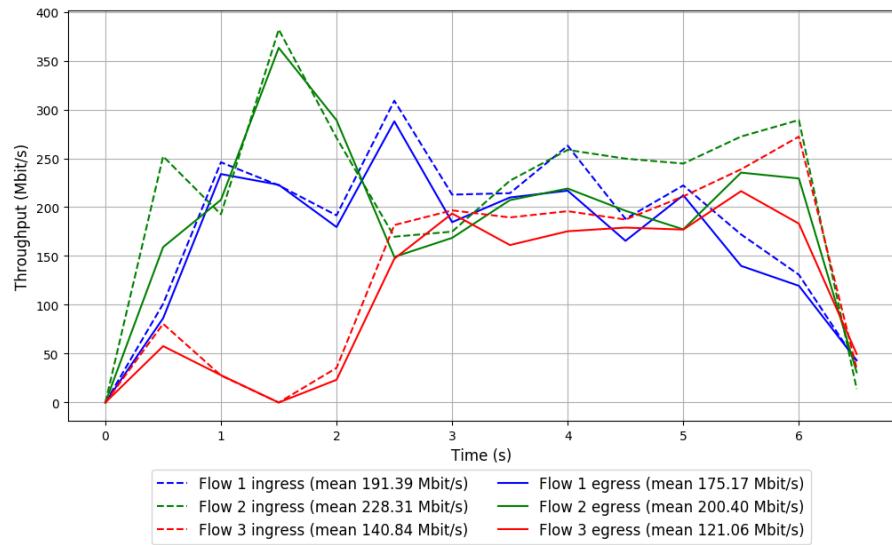
Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-11-16 11:21:45  
End at: 2017-11-16 11:22:15  
Local clock offset: 1.324 ms  
Remote clock offset: -0.379 ms

## Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

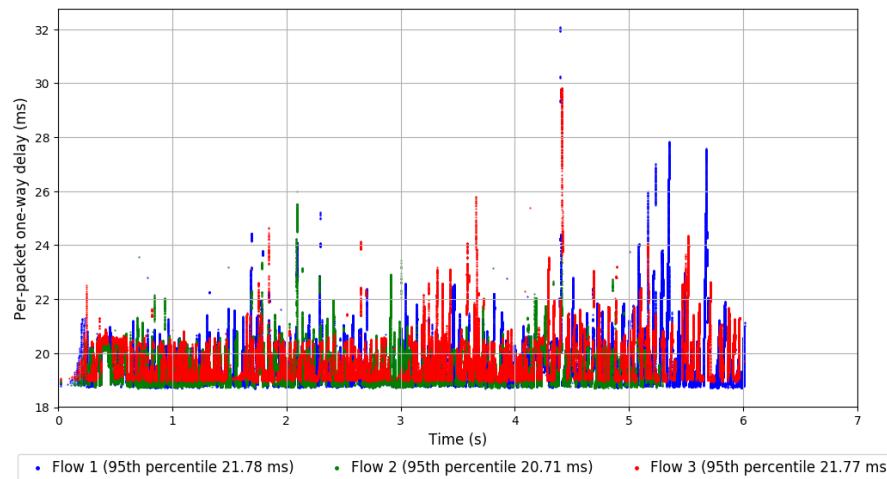
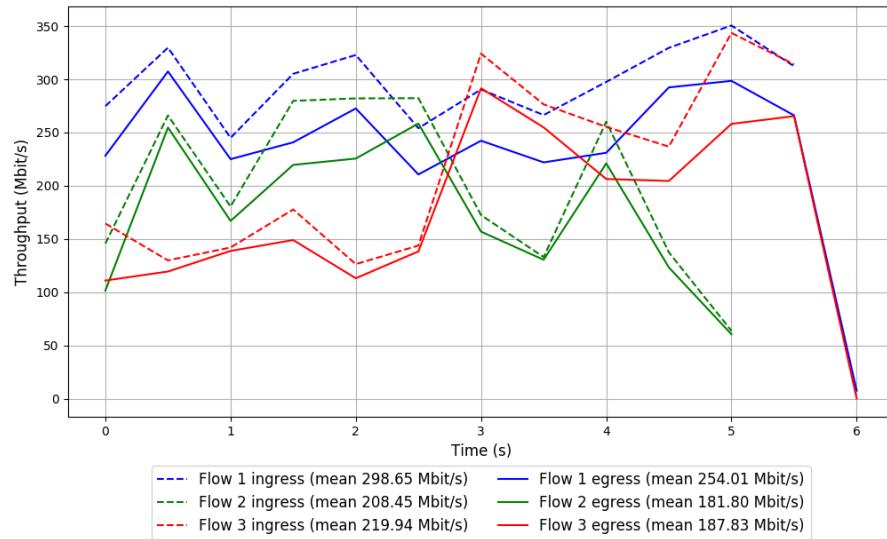
Start at: 2017-11-16 11:41:01

End at: 2017-11-16 11:41:31

Local clock offset: 1.233 ms

Remote clock offset: -0.56 ms

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

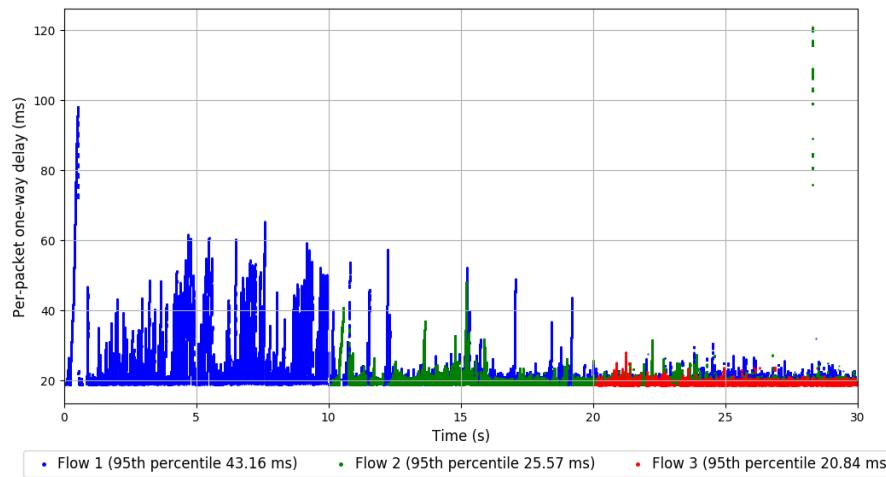
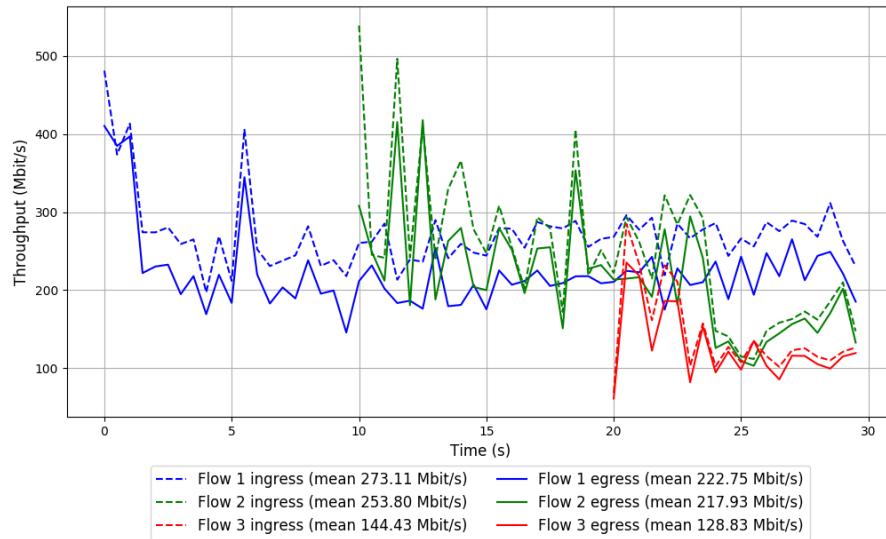


Run 4: Statistics of Verus

```
Start at: 2017-11-16 12:00:32
End at: 2017-11-16 12:01:02
Local clock offset: 1.22 ms
Remote clock offset: -0.599 ms

# Below is generated by plot.py at 2017-11-16 16:53:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 409.94 Mbit/s
95th percentile per-packet one-way delay: 36.256 ms
Loss rate: 16.20%
-- Flow 1:
Average throughput: 222.75 Mbit/s
95th percentile per-packet one-way delay: 43.160 ms
Loss rate: 18.43%
-- Flow 2:
Average throughput: 217.93 Mbit/s
95th percentile per-packet one-way delay: 25.569 ms
Loss rate: 14.13%
-- Flow 3:
Average throughput: 128.83 Mbit/s
95th percentile per-packet one-way delay: 20.837 ms
Loss rate: 10.80%
```

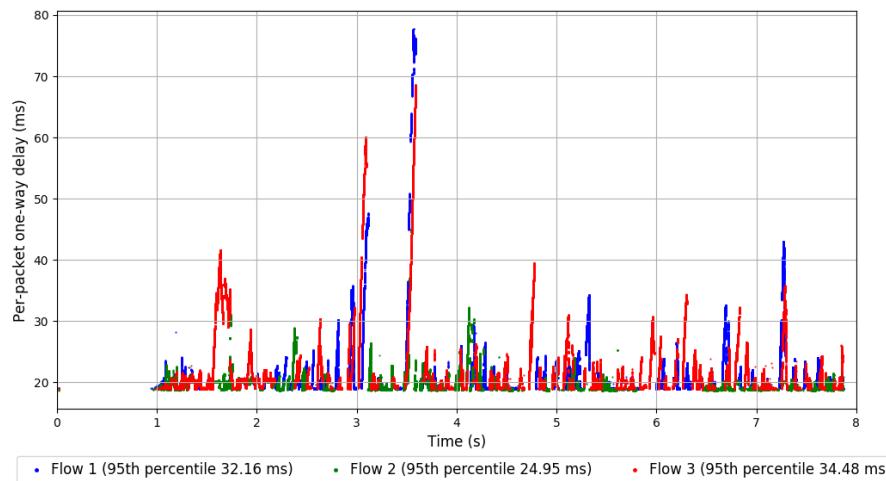
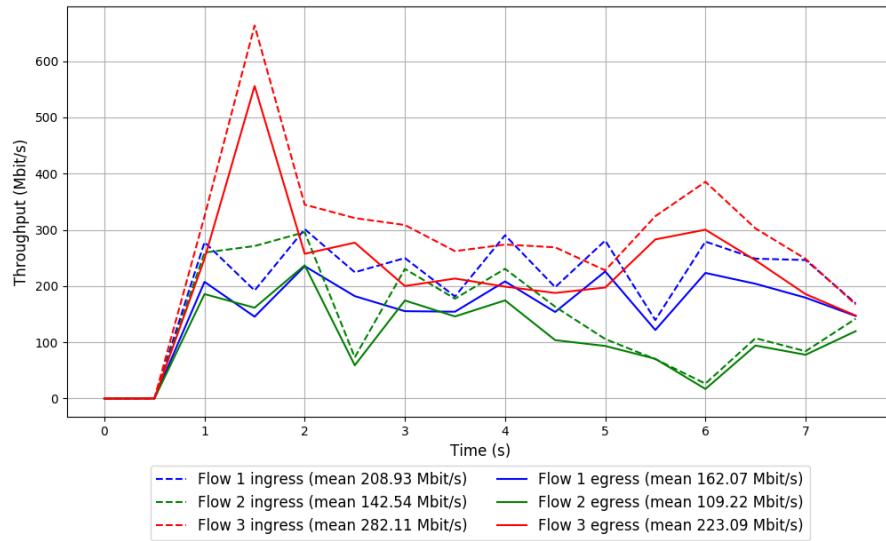
## Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-11-16 12:20:27  
End at: 2017-11-16 12:20:57  
Local clock offset: 1.044 ms  
Remote clock offset: -0.333 ms

Run 5: Report of Verus — Data Link

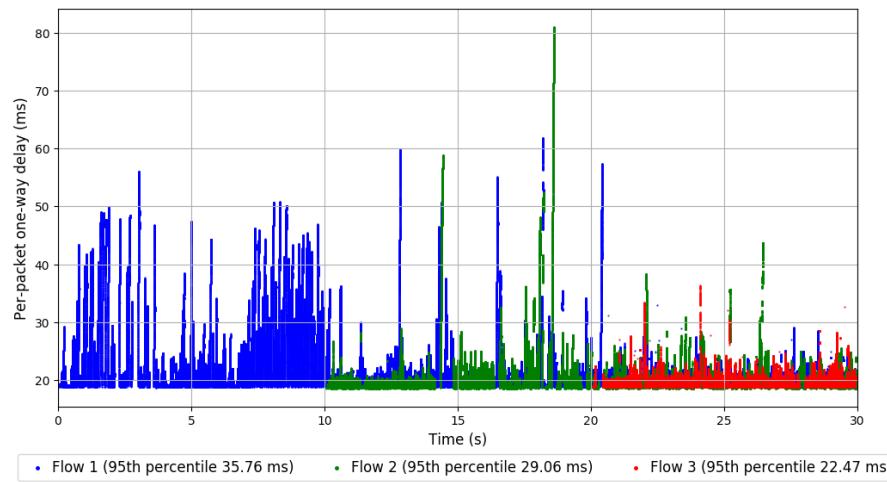
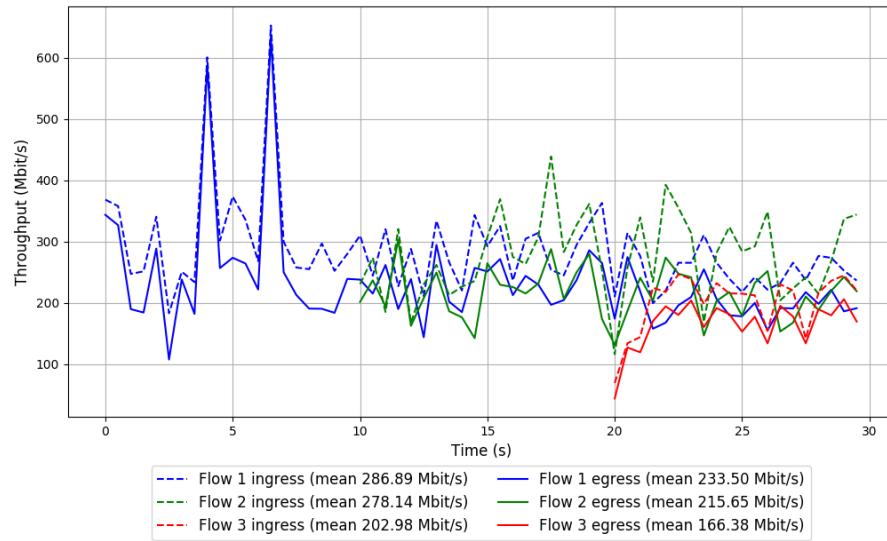


Run 6: Statistics of Verus

```
Start at: 2017-11-16 12:40:24
End at: 2017-11-16 12:40:54
Local clock offset: 0.959 ms
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2017-11-16 16:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 431.80 Mbit/s
95th percentile per-packet one-way delay: 32.342 ms
Loss rate: 19.86%
-- Flow 1:
Average throughput: 233.50 Mbit/s
95th percentile per-packet one-way delay: 35.760 ms
Loss rate: 18.61%
-- Flow 2:
Average throughput: 215.65 Mbit/s
95th percentile per-packet one-way delay: 29.062 ms
Loss rate: 22.47%
-- Flow 3:
Average throughput: 166.38 Mbit/s
95th percentile per-packet one-way delay: 22.474 ms
Loss rate: 18.02%
```

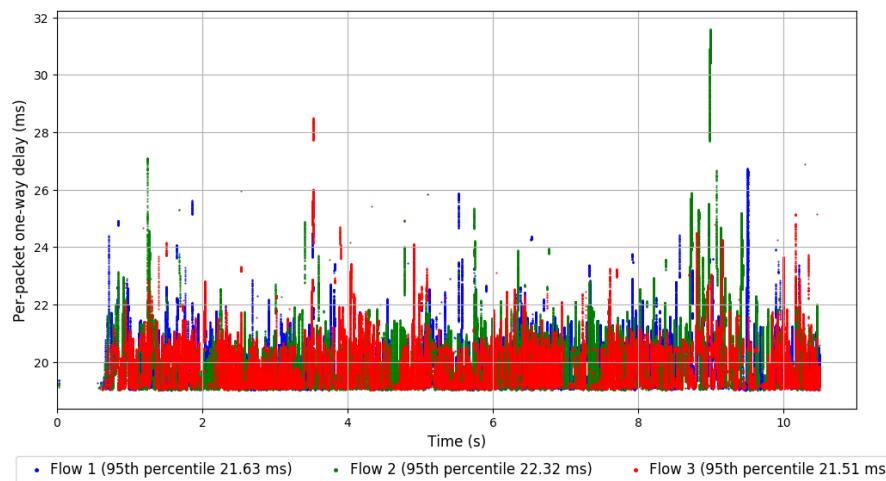
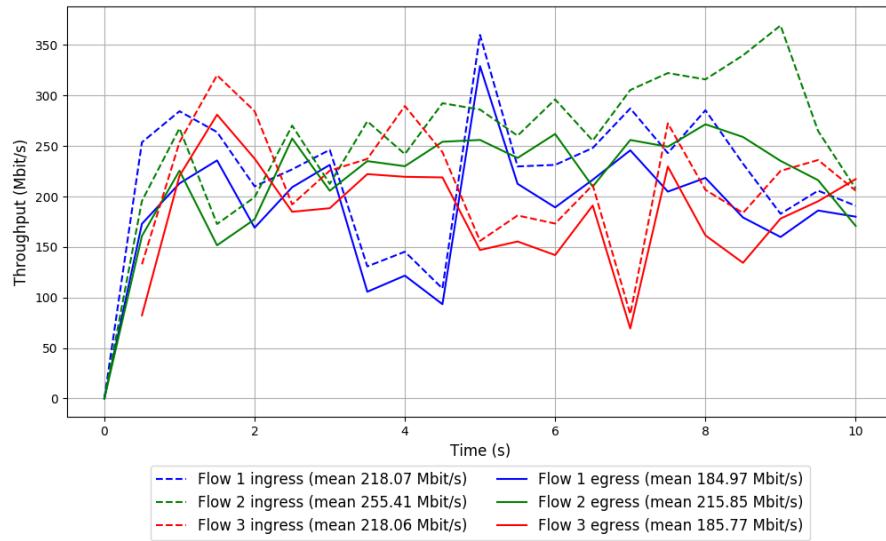
## Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-11-16 13:00:44  
End at: 2017-11-16 13:01:14  
Local clock offset: 0.904 ms  
Remote clock offset: -0.425 ms

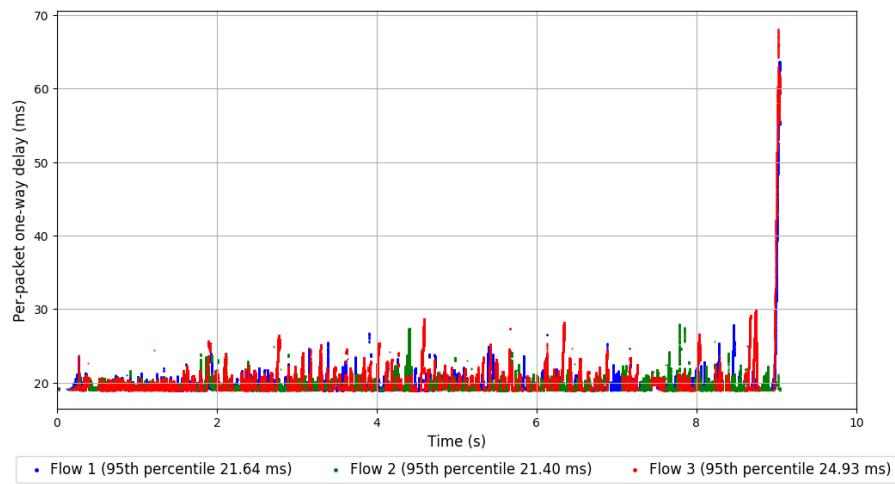
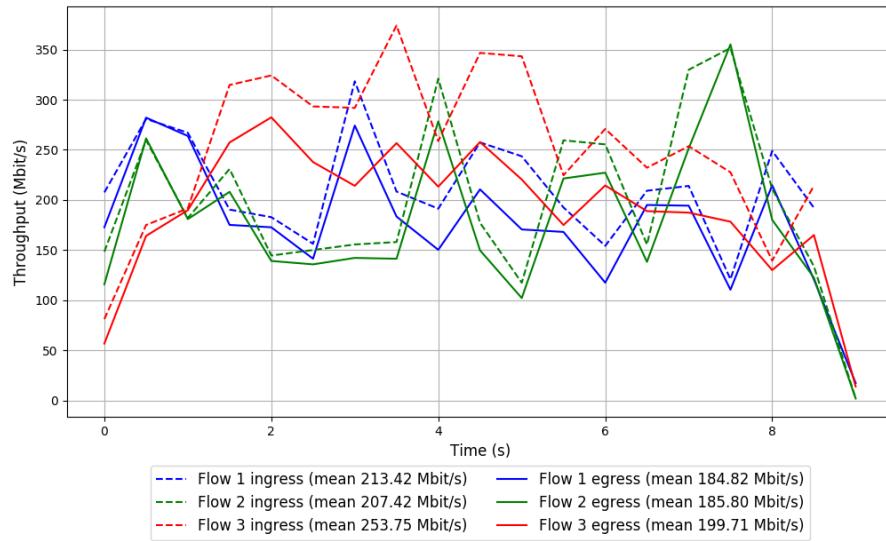
Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-11-16 13:20:40  
End at: 2017-11-16 13:21:10  
Local clock offset: 0.912 ms  
Remote clock offset: -0.617 ms

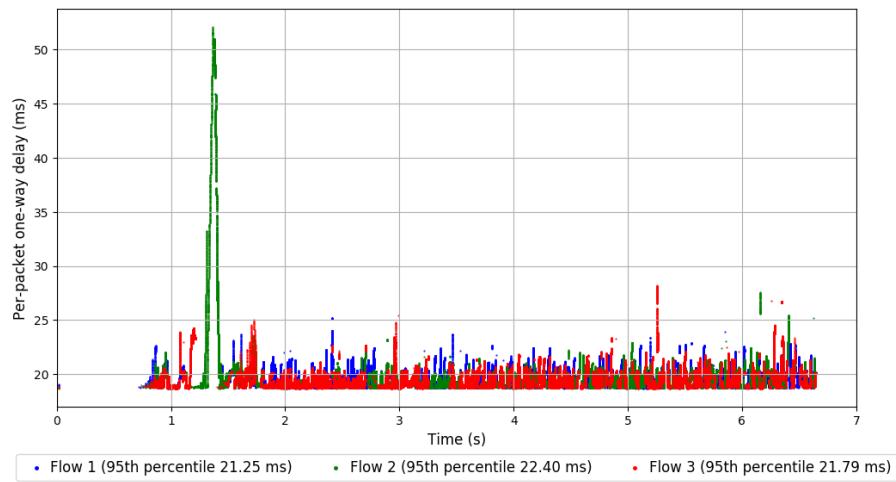
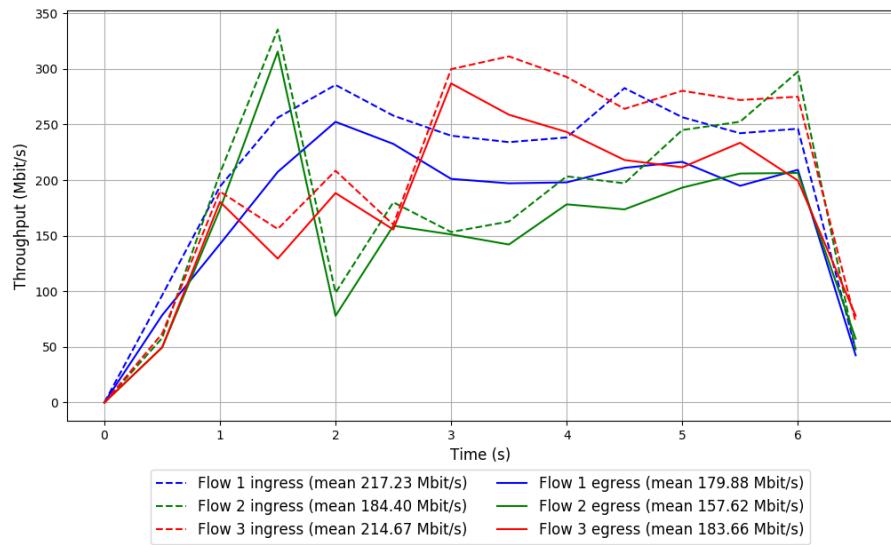
Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-11-16 13:40:13  
End at: 2017-11-16 13:40:43  
Local clock offset: 0.814 ms  
Remote clock offset: -1.033 ms

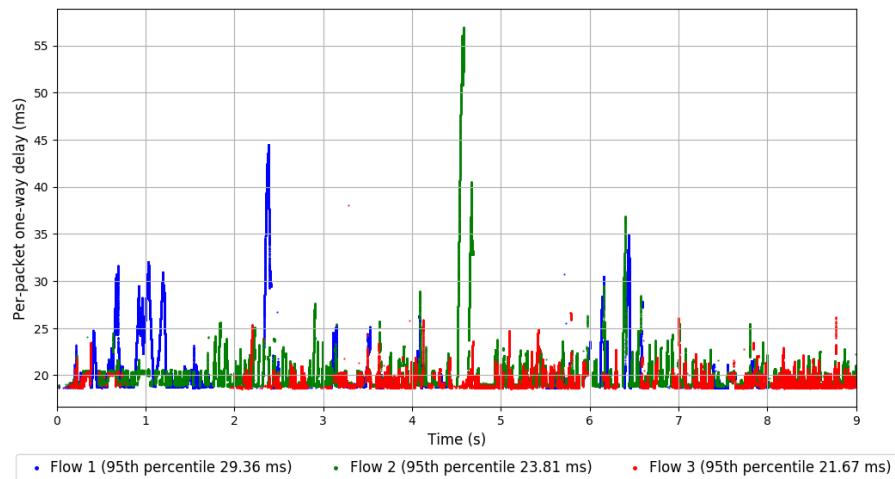
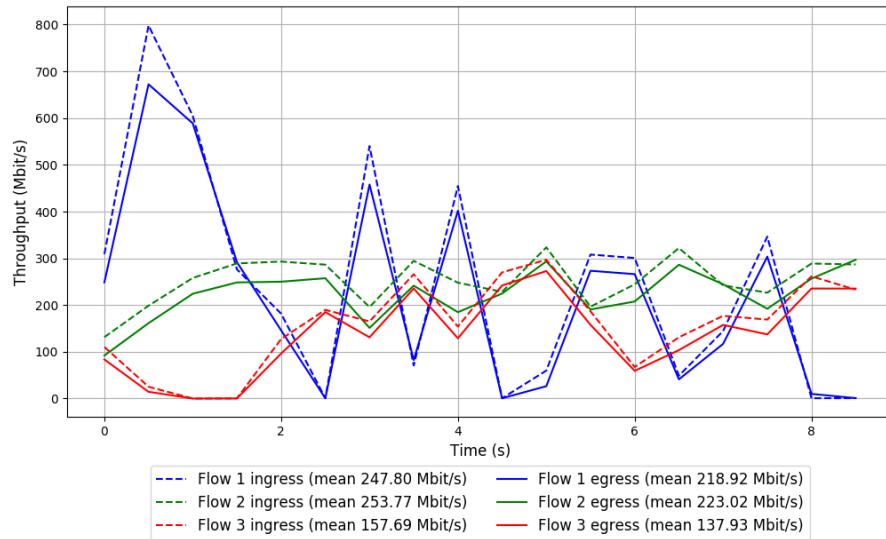
## Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-11-16 14:00:10  
End at: 2017-11-16 14:00:40  
Local clock offset: 0.788 ms  
Remote clock offset: -1.324 ms

Run 10: Report of Verus — Data Link

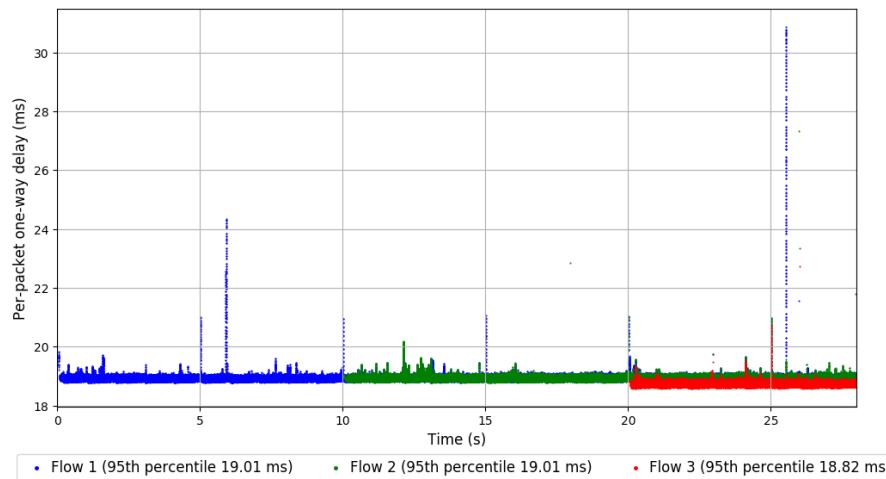
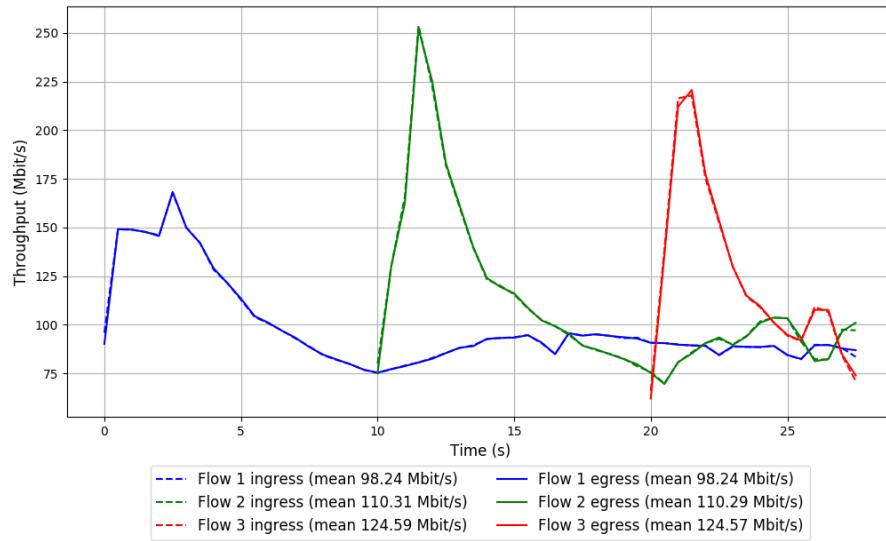


Run 1: Statistics of Copa

```
Start at: 2017-11-16 10:53:20
End at: 2017-11-16 10:53:50
Local clock offset: 1.162 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at 2017-11-16 16:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.36 Mbit/s
95th percentile per-packet one-way delay: 19.004 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 98.24 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 124.57 Mbit/s
95th percentile per-packet one-way delay: 18.819 ms
Loss rate: 0.01%
```

Run 1: Report of Copa — Data Link

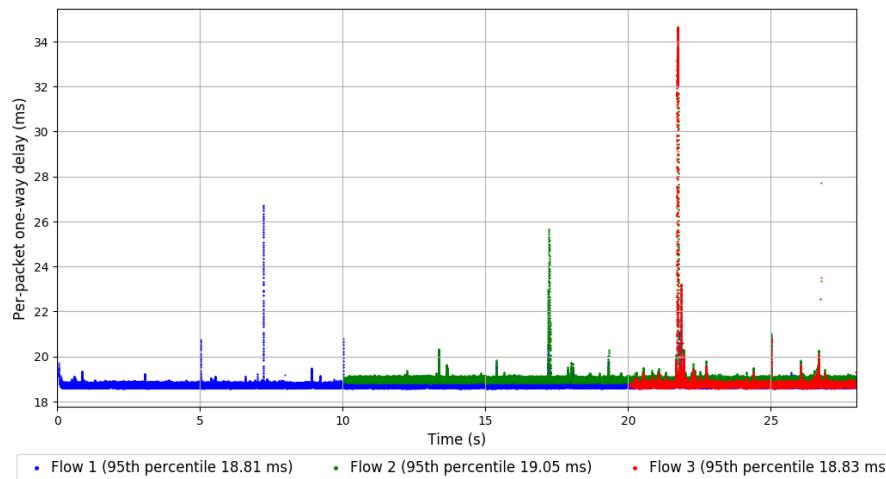
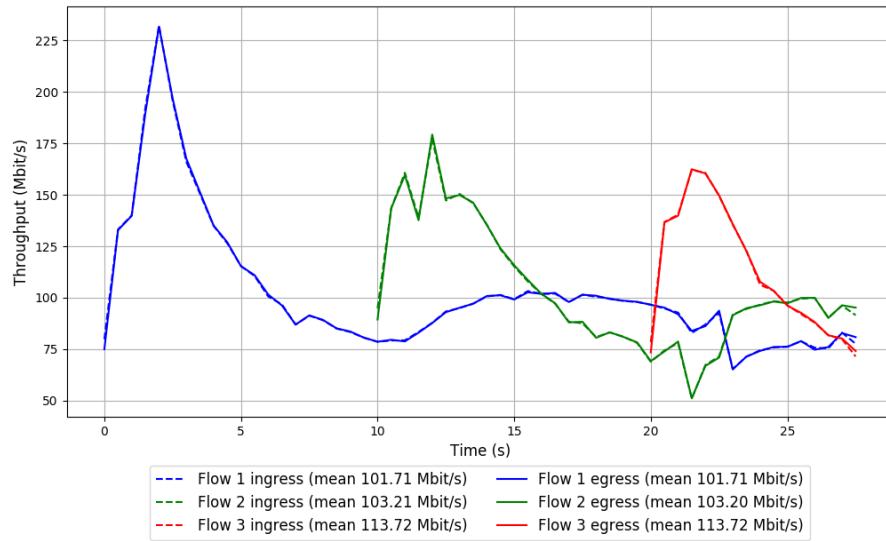


Run 2: Statistics of Copa

```
Start at: 2017-11-16 11:13:02
End at: 2017-11-16 11:13:32
Local clock offset: 1.311 ms
Remote clock offset: -0.46 ms

# Below is generated by plot.py at 2017-11-16 16:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 200.24 Mbit/s
95th percentile per-packet one-way delay: 19.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.71 Mbit/s
95th percentile per-packet one-way delay: 18.807 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.20 Mbit/s
95th percentile per-packet one-way delay: 19.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.72 Mbit/s
95th percentile per-packet one-way delay: 18.832 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

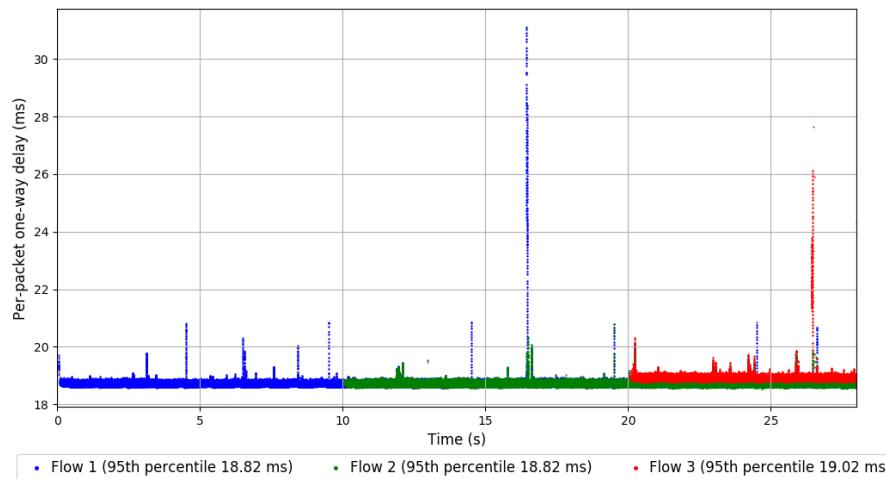
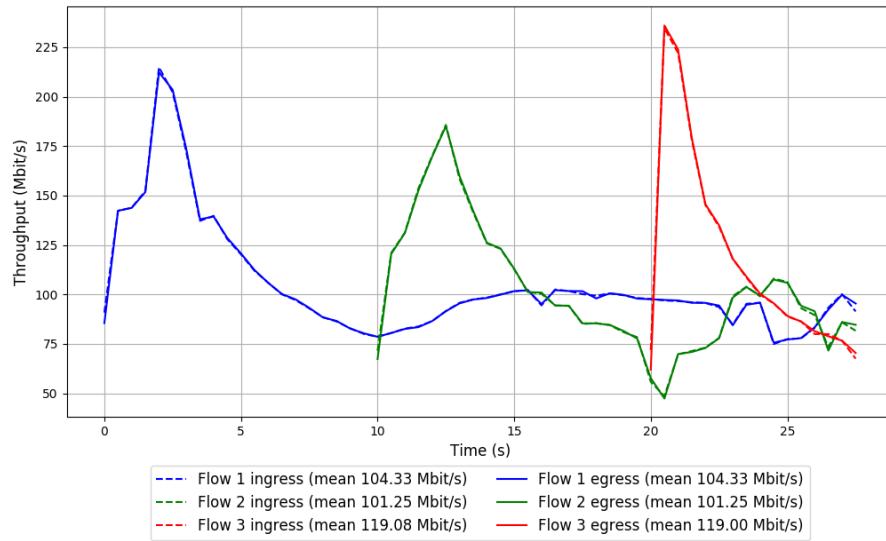


Run 3: Statistics of Copa

```
Start at: 2017-11-16 11:32:22
End at: 2017-11-16 11:32:52
Local clock offset: 1.392 ms
Remote clock offset: -0.553 ms

# Below is generated by plot.py at 2017-11-16 16:57:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.04 Mbit/s
95th percentile per-packet one-way delay: 18.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.33 Mbit/s
95th percentile per-packet one-way delay: 18.820 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 101.25 Mbit/s
95th percentile per-packet one-way delay: 18.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.00 Mbit/s
95th percentile per-packet one-way delay: 19.020 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

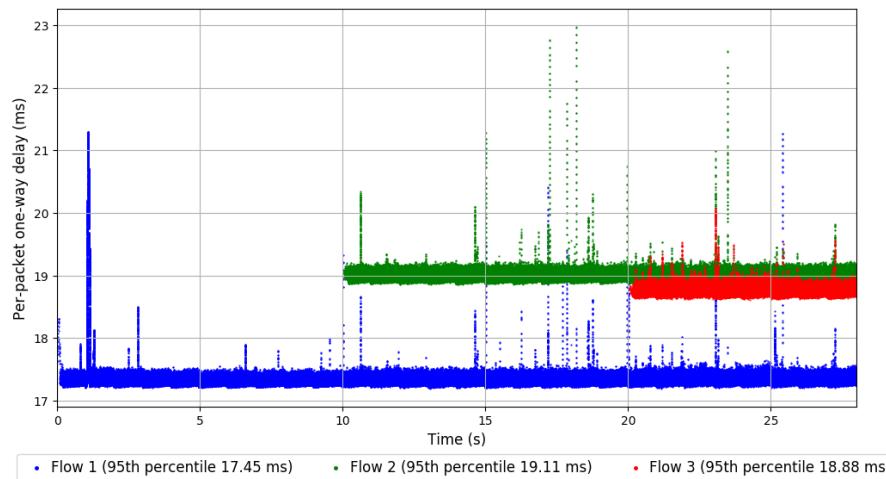
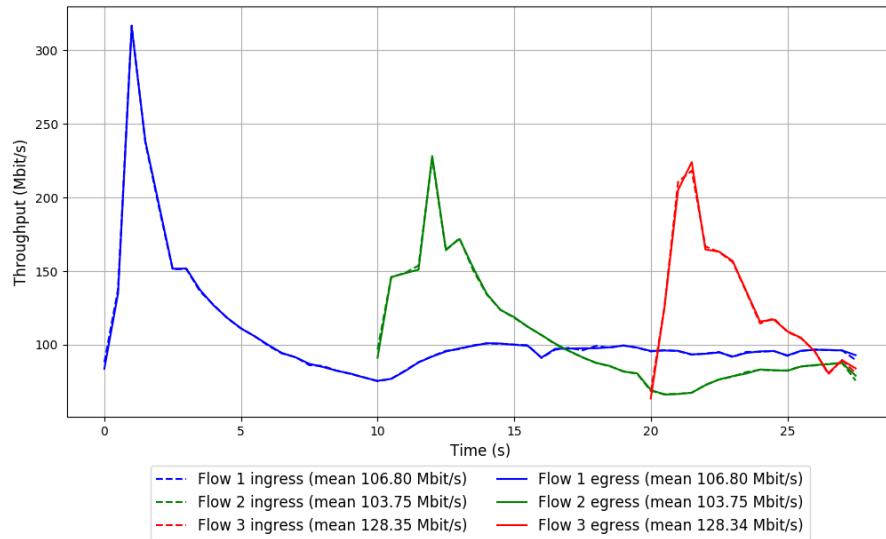


Run 4: Statistics of Copa

```
Start at: 2017-11-16 11:51:46
End at: 2017-11-16 11:52:16
Local clock offset: 1.172 ms
Remote clock offset: -0.442 ms

# Below is generated by plot.py at 2017-11-16 16:57:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 209.79 Mbit/s
95th percentile per-packet one-way delay: 19.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.80 Mbit/s
95th percentile per-packet one-way delay: 17.453 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.75 Mbit/s
95th percentile per-packet one-way delay: 19.107 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.34 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

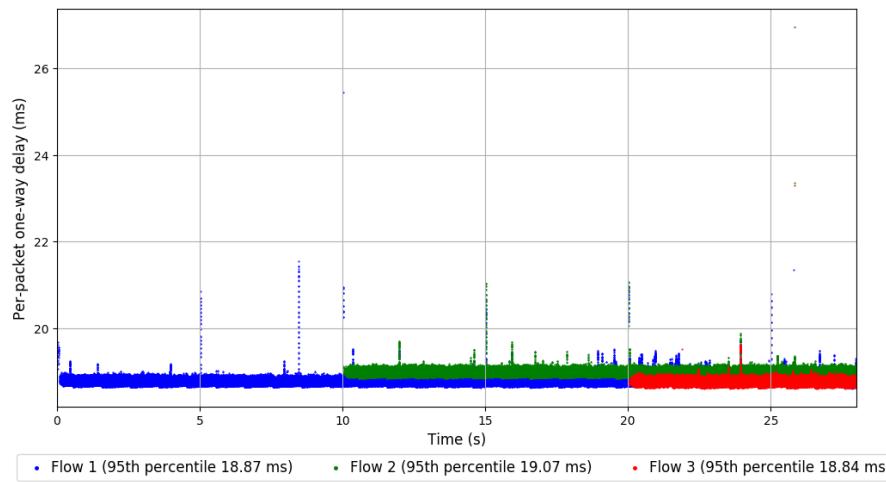
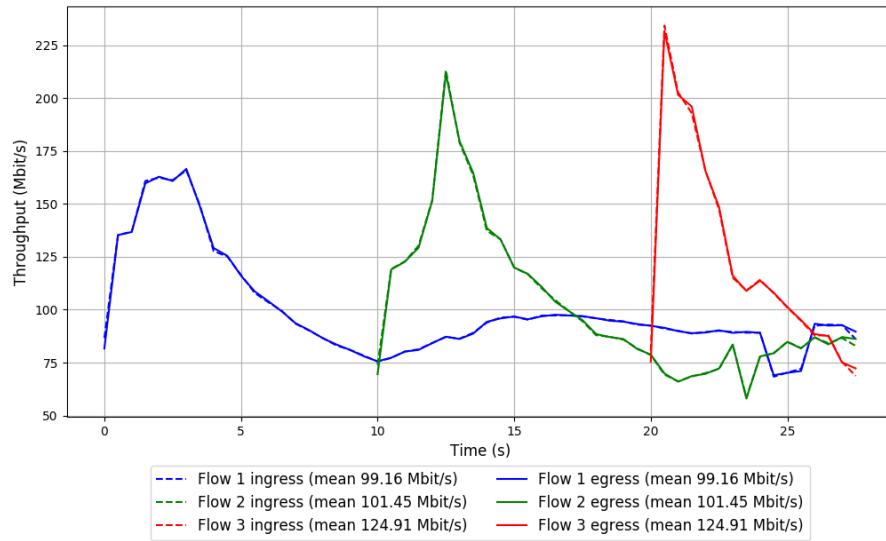


Run 5: Statistics of Copa

```
Start at: 2017-11-16 12:11:40
End at: 2017-11-16 12:12:10
Local clock offset: 1.108 ms
Remote clock offset: -0.495 ms

# Below is generated by plot.py at 2017-11-16 16:57:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 199.80 Mbit/s
95th percentile per-packet one-way delay: 19.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.16 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 101.45 Mbit/s
95th percentile per-packet one-way delay: 19.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 124.91 Mbit/s
95th percentile per-packet one-way delay: 18.844 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

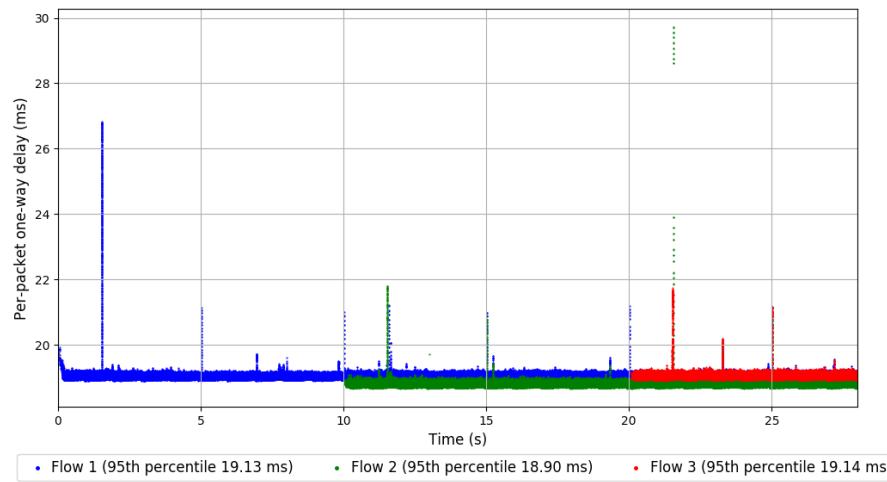
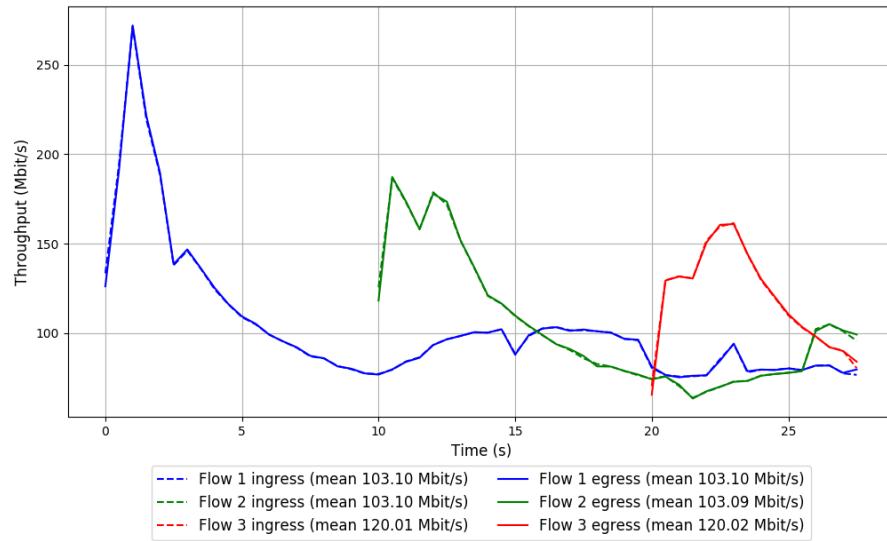


Run 6: Statistics of Copa

```
Start at: 2017-11-16 12:31:35
End at: 2017-11-16 12:32:05
Local clock offset: 0.907 ms
Remote clock offset: -0.208 ms

# Below is generated by plot.py at 2017-11-16 16:58:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.30 Mbit/s
95th percentile per-packet one-way delay: 19.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.10 Mbit/s
95th percentile per-packet one-way delay: 19.127 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.09 Mbit/s
95th percentile per-packet one-way delay: 18.897 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.02 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

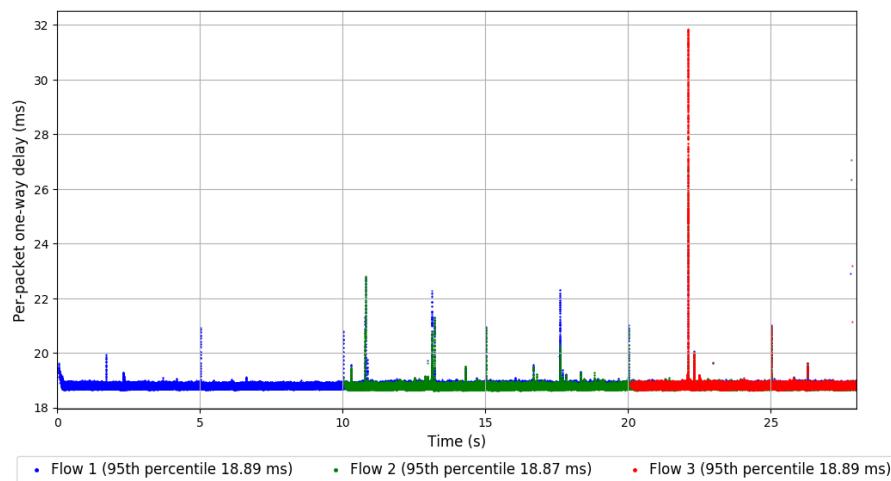
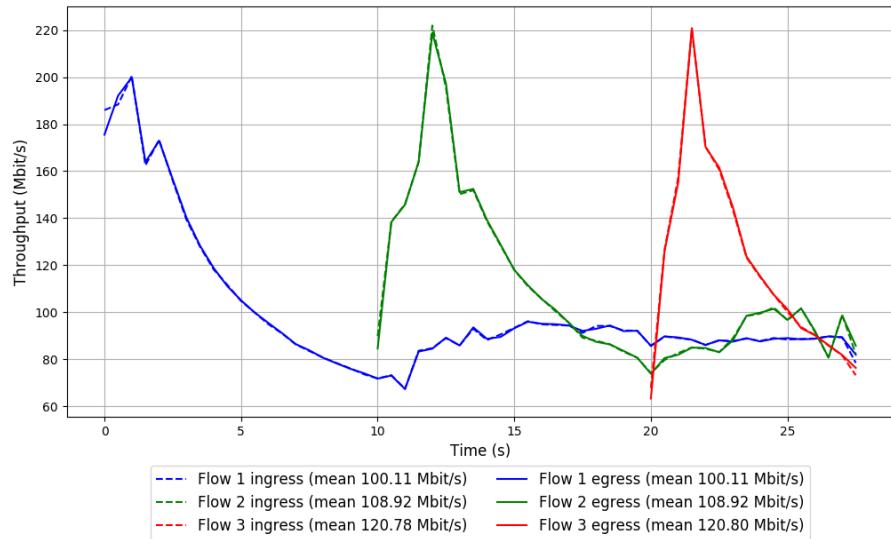


Run 7: Statistics of Copa

```
Start at: 2017-11-16 12:51:55
End at: 2017-11-16 12:52:25
Local clock offset: 1.002 ms
Remote clock offset: -0.213 ms

# Below is generated by plot.py at 2017-11-16 16:59:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.31 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.11 Mbit/s
95th percentile per-packet one-way delay: 18.889 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 108.92 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.80 Mbit/s
95th percentile per-packet one-way delay: 18.894 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

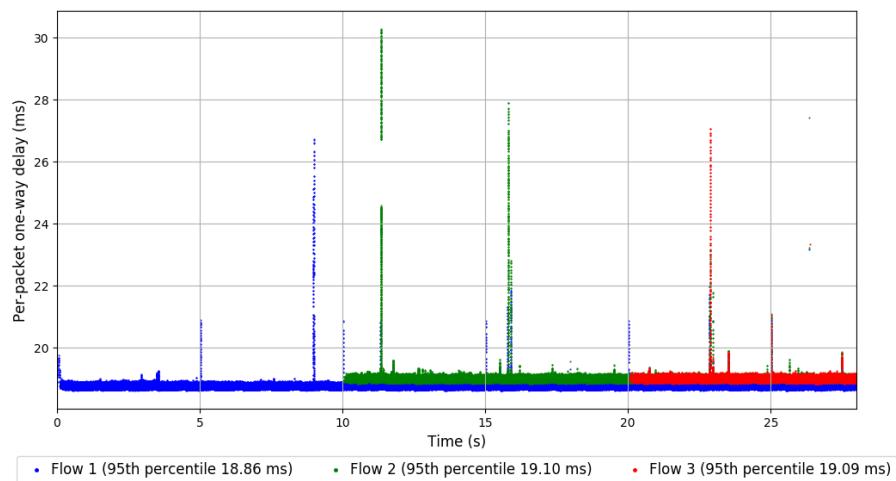
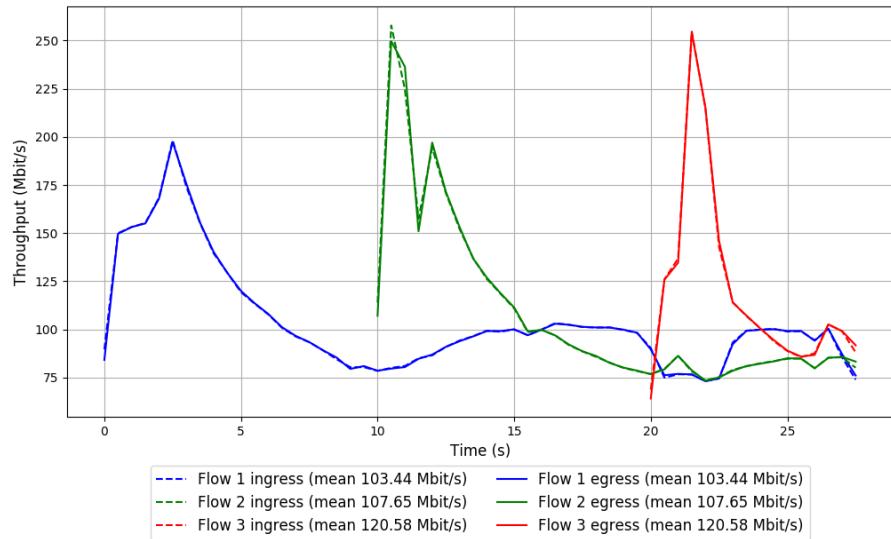


Run 8: Statistics of Copa

```
Start at: 2017-11-16 13:11:54
End at: 2017-11-16 13:12:24
Local clock offset: 1.009 ms
Remote clock offset: -0.659 ms

# Below is generated by plot.py at 2017-11-16 17:00:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 206.68 Mbit/s
95th percentile per-packet one-way delay: 19.070 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.44 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 107.65 Mbit/s
95th percentile per-packet one-way delay: 19.098 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.58 Mbit/s
95th percentile per-packet one-way delay: 19.093 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

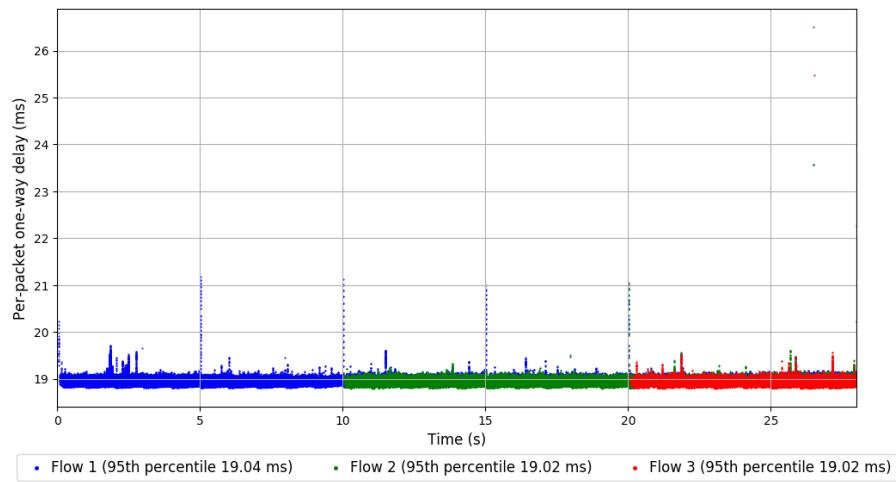
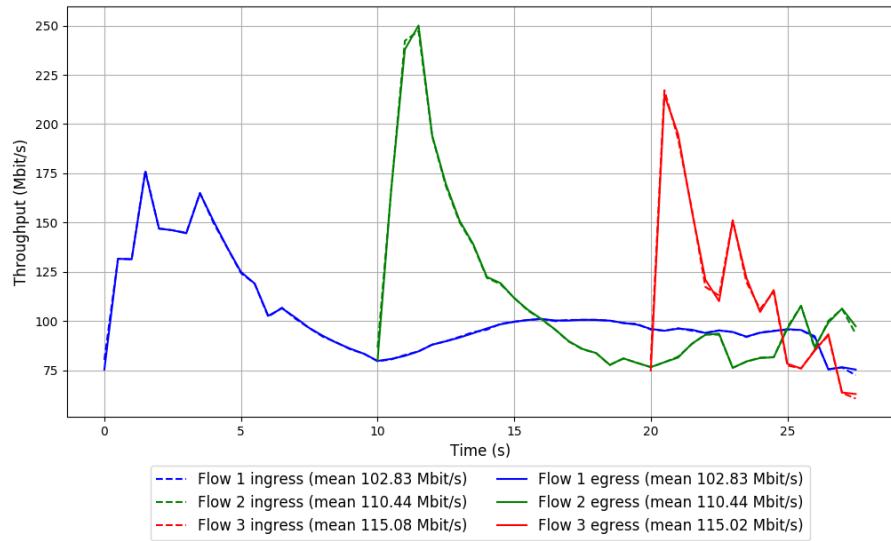


Run 9: Statistics of Copa

```
Start at: 2017-11-16 13:31:30
End at: 2017-11-16 13:32:00
Local clock offset: 0.867 ms
Remote clock offset: -0.913 ms

# Below is generated by plot.py at 2017-11-16 17:00:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 206.34 Mbit/s
95th percentile per-packet one-way delay: 19.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.83 Mbit/s
95th percentile per-packet one-way delay: 19.036 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 110.44 Mbit/s
95th percentile per-packet one-way delay: 19.022 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.02 Mbit/s
95th percentile per-packet one-way delay: 19.018 ms
Loss rate: 0.01%
```

Run 9: Report of Copa — Data Link

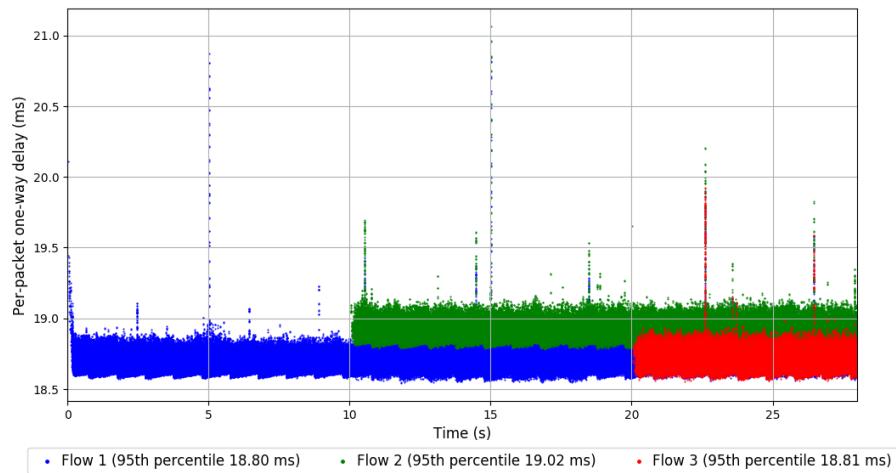
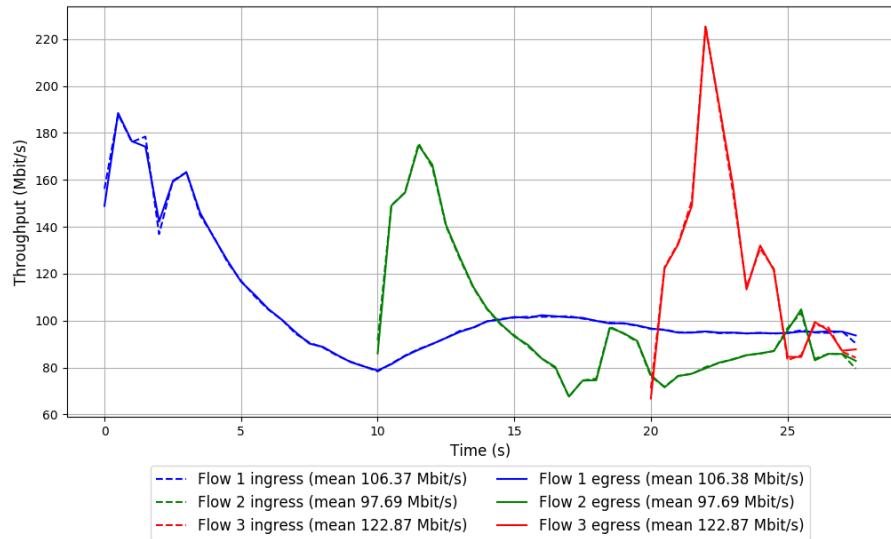


Run 10: Statistics of Copa

```
Start at: 2017-11-16 13:51:26
End at: 2017-11-16 13:51:56
Local clock offset: 0.804 ms
Remote clock offset: -1.182 ms

# Below is generated by plot.py at 2017-11-16 17:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.99 Mbit/s
95th percentile per-packet one-way delay: 18.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.38 Mbit/s
95th percentile per-packet one-way delay: 18.799 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.69 Mbit/s
95th percentile per-packet one-way delay: 19.021 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 122.87 Mbit/s
95th percentile per-packet one-way delay: 18.813 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

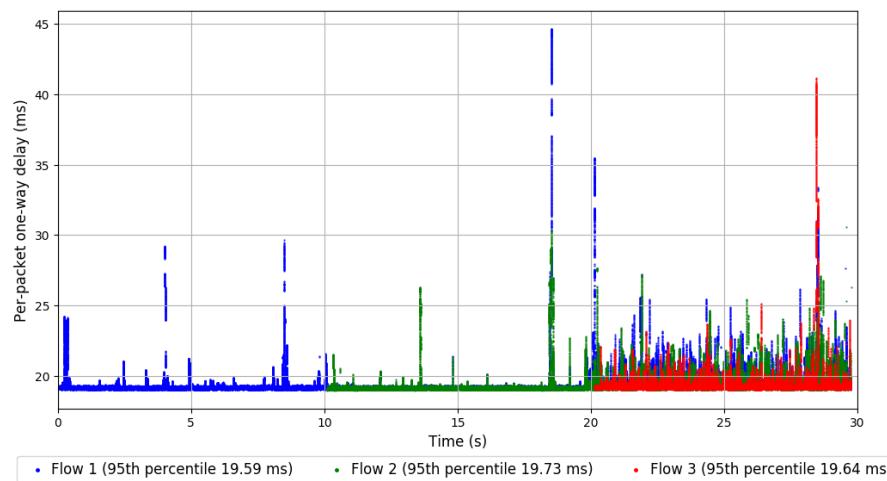
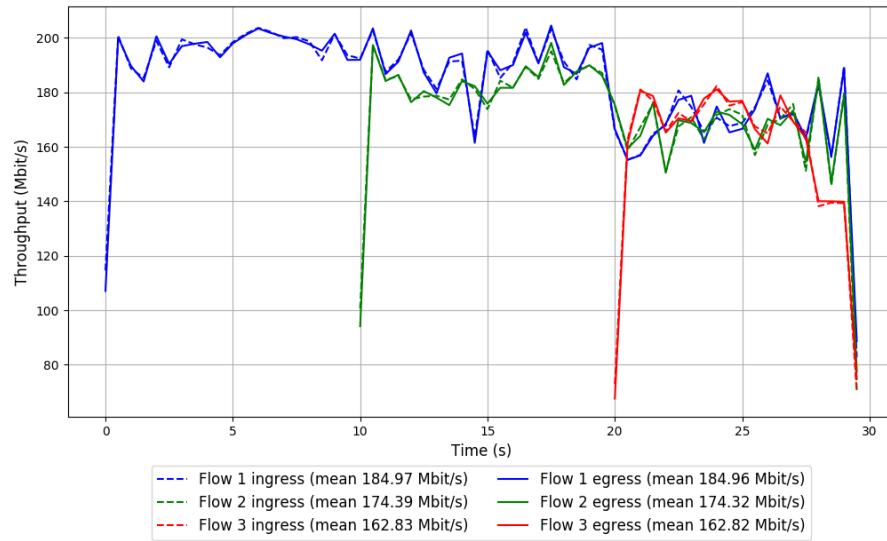


Run 1: Statistics of Indigo

```
Start at: 2017-11-16 10:49:12
End at: 2017-11-16 10:49:42
Local clock offset: 1.024 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2017-11-16 17:02:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.86 Mbit/s
95th percentile per-packet one-way delay: 19.646 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 184.96 Mbit/s
95th percentile per-packet one-way delay: 19.593 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 174.32 Mbit/s
95th percentile per-packet one-way delay: 19.735 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.82 Mbit/s
95th percentile per-packet one-way delay: 19.638 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link

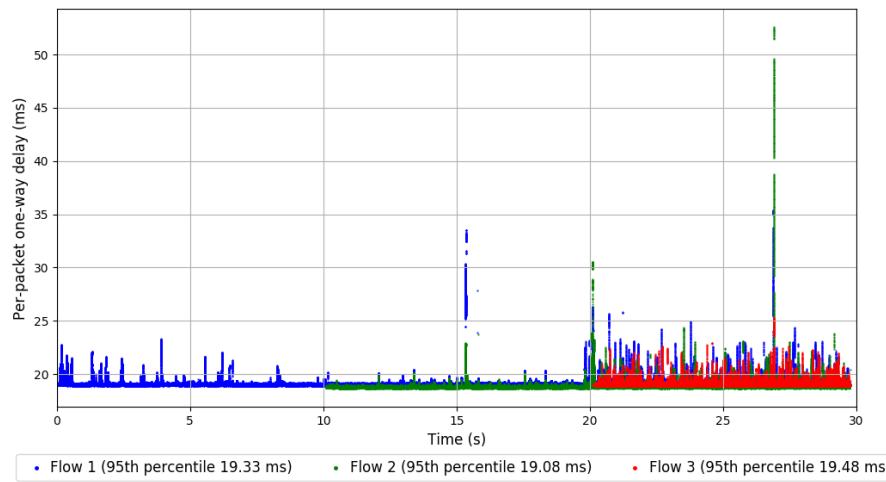
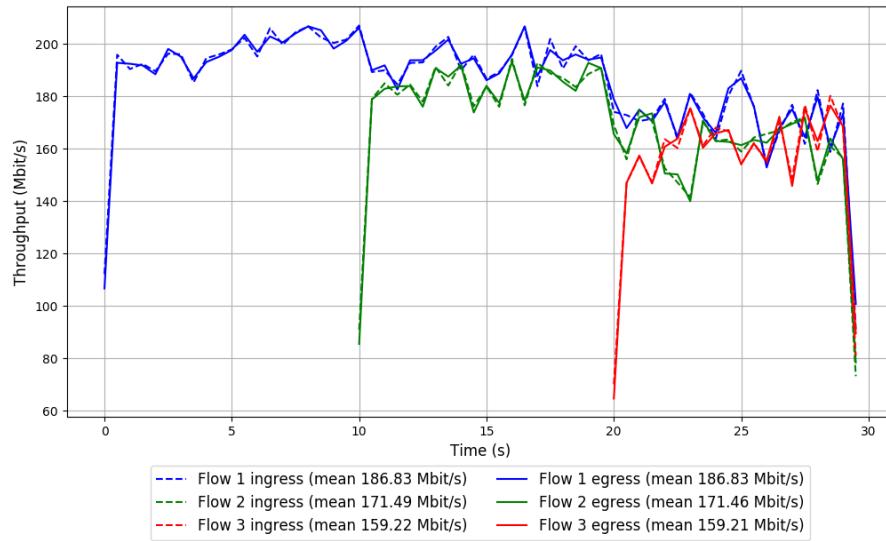


Run 2: Statistics of Indigo

```
Start at: 2017-11-16 11:08:58
End at: 2017-11-16 11:09:28
Local clock offset: 1.217 ms
Remote clock offset: -0.455 ms

# Below is generated by plot.py at 2017-11-16 17:02:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 351.84 Mbit/s
95th percentile per-packet one-way delay: 19.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.83 Mbit/s
95th percentile per-packet one-way delay: 19.328 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.46 Mbit/s
95th percentile per-packet one-way delay: 19.079 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 159.21 Mbit/s
95th percentile per-packet one-way delay: 19.476 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo — Data Link

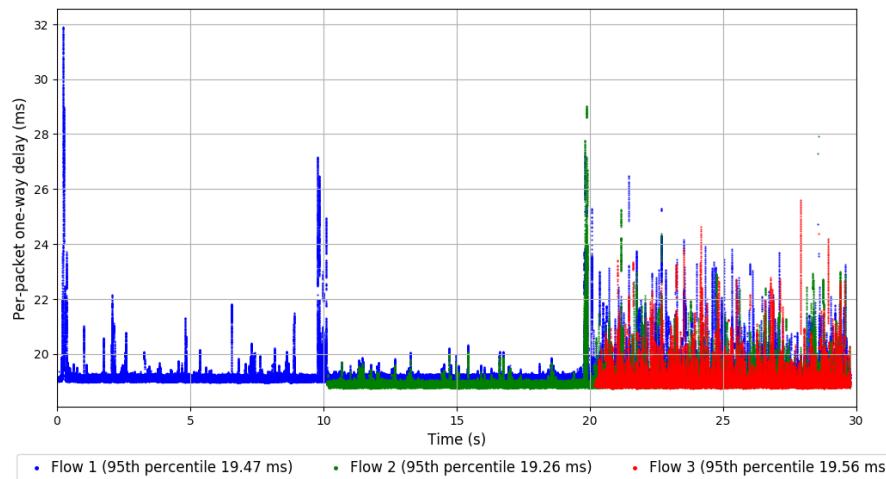
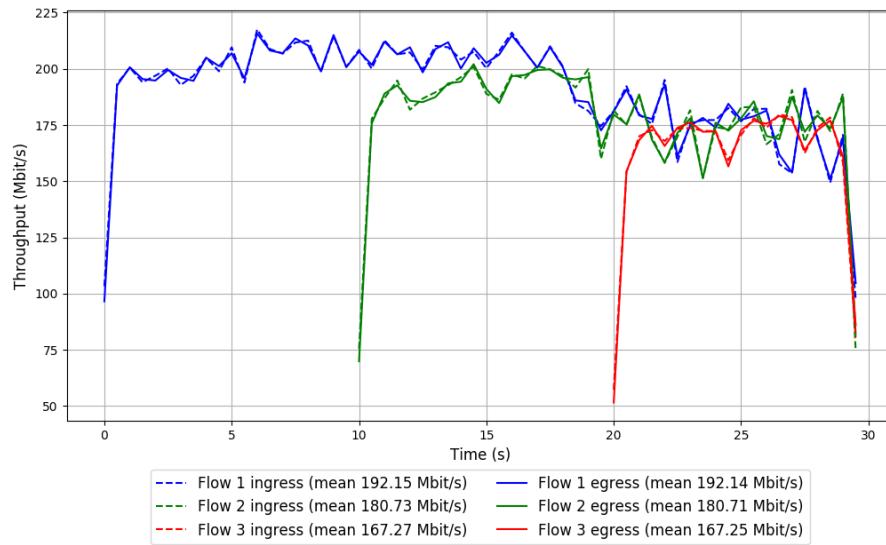


Run 3: Statistics of Indigo

```
Start at: 2017-11-16 11:28:16
End at: 2017-11-16 11:28:46
Local clock offset: 1.345 ms
Remote clock offset: -0.468 ms

# Below is generated by plot.py at 2017-11-16 17:02:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.38 Mbit/s
95th percentile per-packet one-way delay: 19.422 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 192.14 Mbit/s
95th percentile per-packet one-way delay: 19.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 180.71 Mbit/s
95th percentile per-packet one-way delay: 19.256 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 167.25 Mbit/s
95th percentile per-packet one-way delay: 19.560 ms
Loss rate: 0.01%
```

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

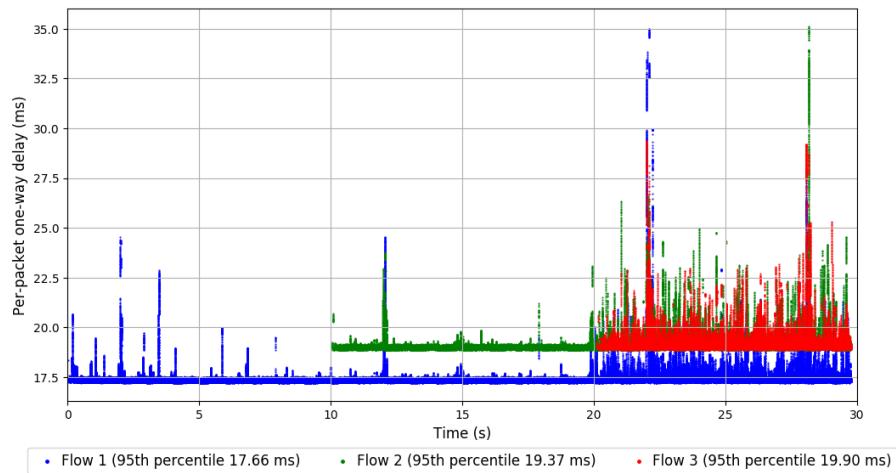
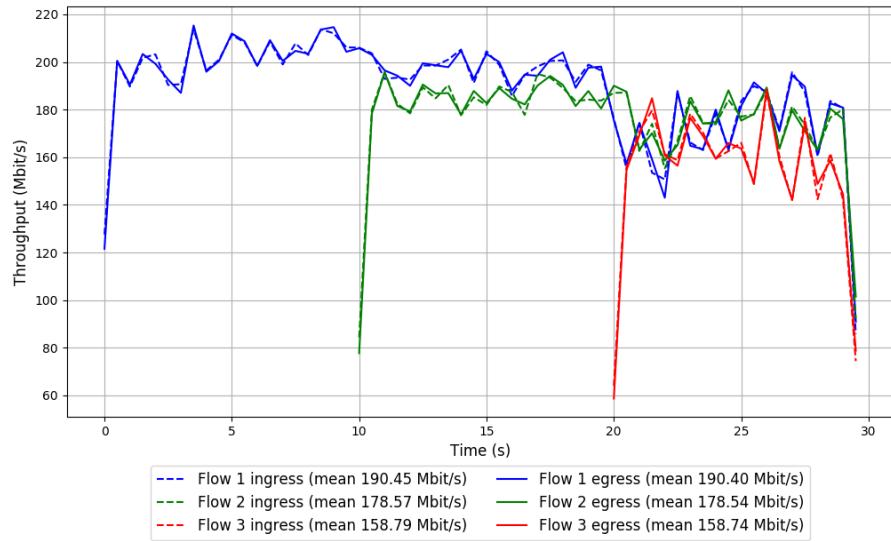


Run 4: Statistics of Indigo

```
Start at: 2017-11-16 11:47:34
End at: 2017-11-16 11:48:04
Local clock offset: 1.267 ms
Remote clock offset: -0.47 ms

# Below is generated by plot.py at 2017-11-16 17:03:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 360.15 Mbit/s
95th percentile per-packet one-way delay: 19.220 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 190.40 Mbit/s
95th percentile per-packet one-way delay: 17.663 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 178.54 Mbit/s
95th percentile per-packet one-way delay: 19.369 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 158.74 Mbit/s
95th percentile per-packet one-way delay: 19.896 ms
Loss rate: 0.03%
```

## Run 4: Report of Indigo — Data Link

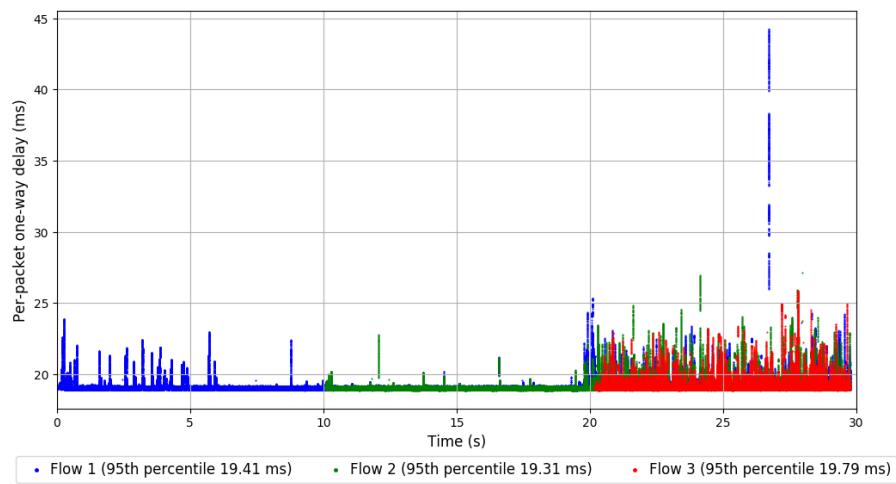
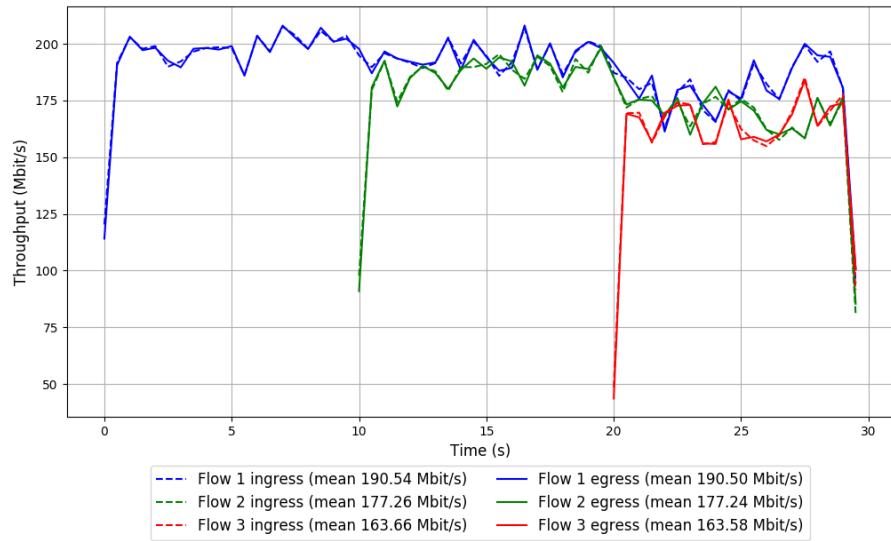


Run 5: Statistics of Indigo

```
Start at: 2017-11-16 12:07:28
End at: 2017-11-16 12:07:58
Local clock offset: 1.108 ms
Remote clock offset: -0.579 ms

# Below is generated by plot.py at 2017-11-16 17:04:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 360.72 Mbit/s
95th percentile per-packet one-way delay: 19.448 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 190.50 Mbit/s
95th percentile per-packet one-way delay: 19.412 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 177.24 Mbit/s
95th percentile per-packet one-way delay: 19.308 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 163.58 Mbit/s
95th percentile per-packet one-way delay: 19.792 ms
Loss rate: 0.05%
```

Run 5: Report of Indigo — Data Link

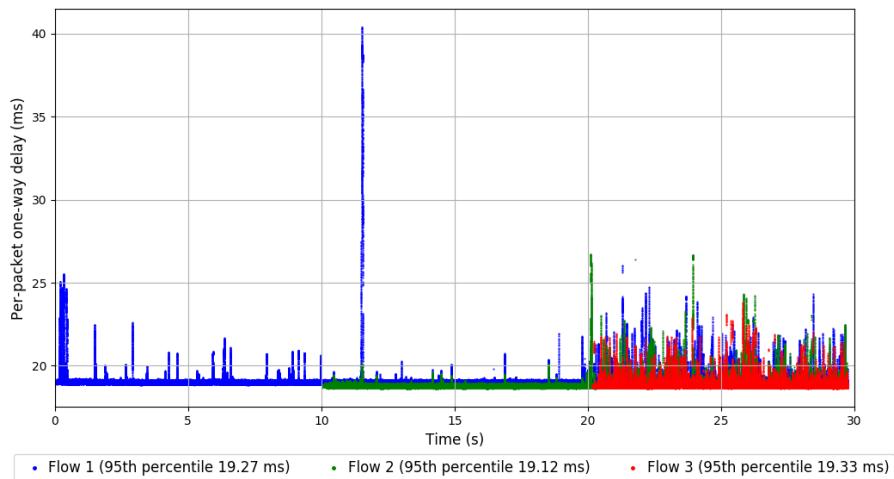
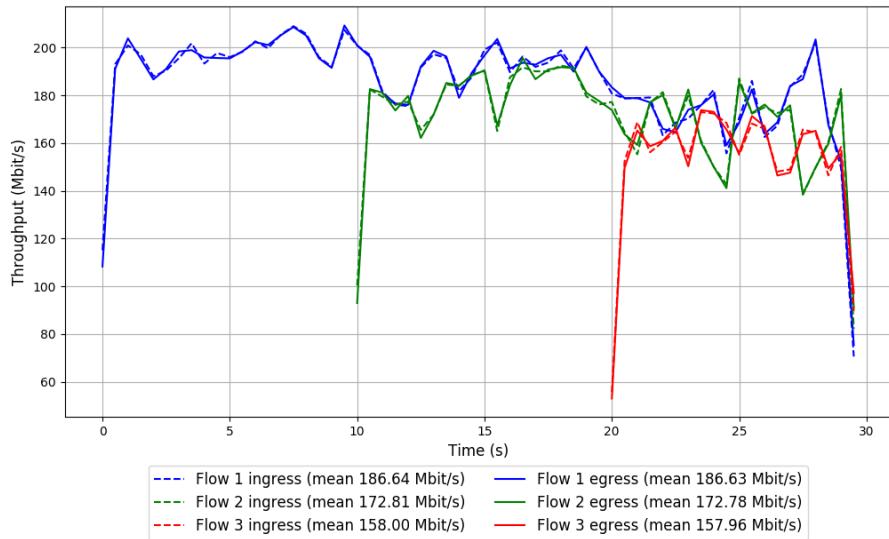


Run 6: Statistics of Indigo

```
Start at: 2017-11-16 12:27:22
End at: 2017-11-16 12:27:52
Local clock offset: 0.978 ms
Remote clock offset: -0.172 ms

# Below is generated by plot.py at 2017-11-16 17:05:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.15 Mbit/s
95th percentile per-packet one-way delay: 19.242 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 186.63 Mbit/s
95th percentile per-packet one-way delay: 19.273 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 172.78 Mbit/s
95th percentile per-packet one-way delay: 19.119 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 157.96 Mbit/s
95th percentile per-packet one-way delay: 19.328 ms
Loss rate: 0.03%
```

## Run 6: Report of Indigo — Data Link

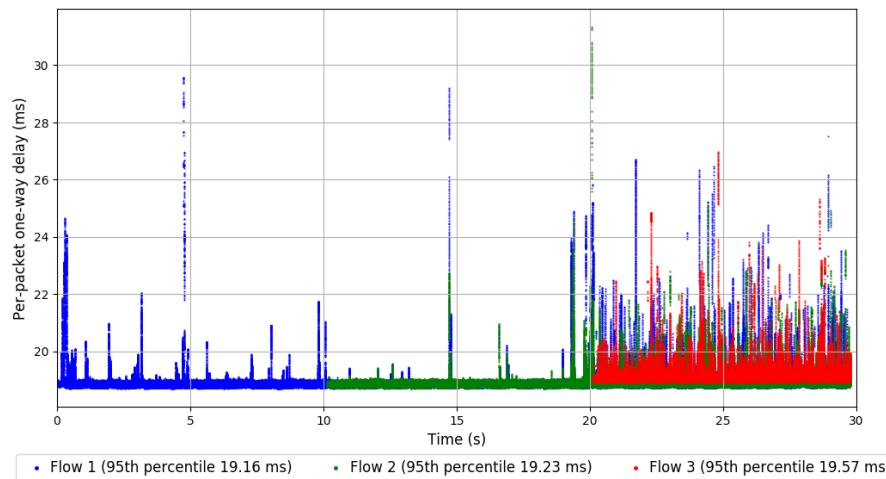
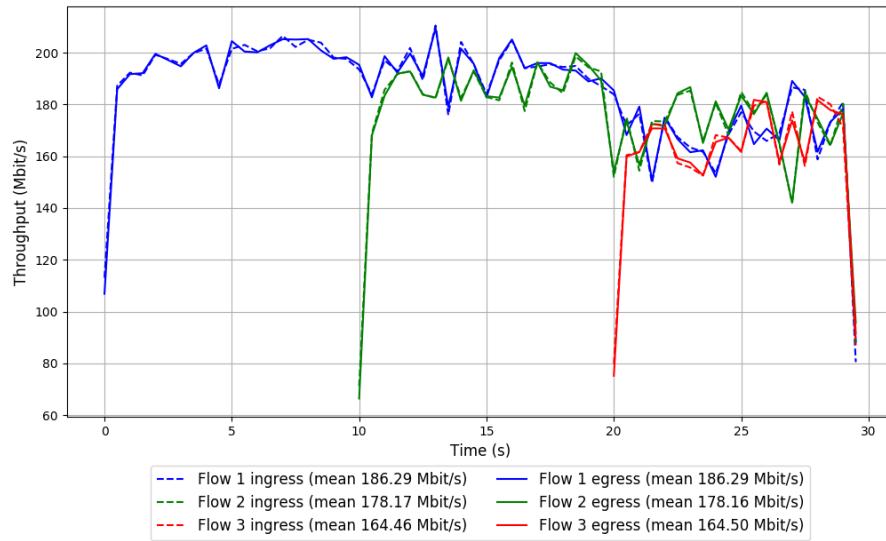


Run 7: Statistics of Indigo

```
Start at: 2017-11-16 12:47:39
End at: 2017-11-16 12:48:09
Local clock offset: 0.869 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2017-11-16 17:05:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.33 Mbit/s
95th percentile per-packet one-way delay: 19.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.29 Mbit/s
95th percentile per-packet one-way delay: 19.158 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 178.16 Mbit/s
95th percentile per-packet one-way delay: 19.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.50 Mbit/s
95th percentile per-packet one-way delay: 19.566 ms
Loss rate: 0.01%
```

Run 7: Report of Indigo — Data Link

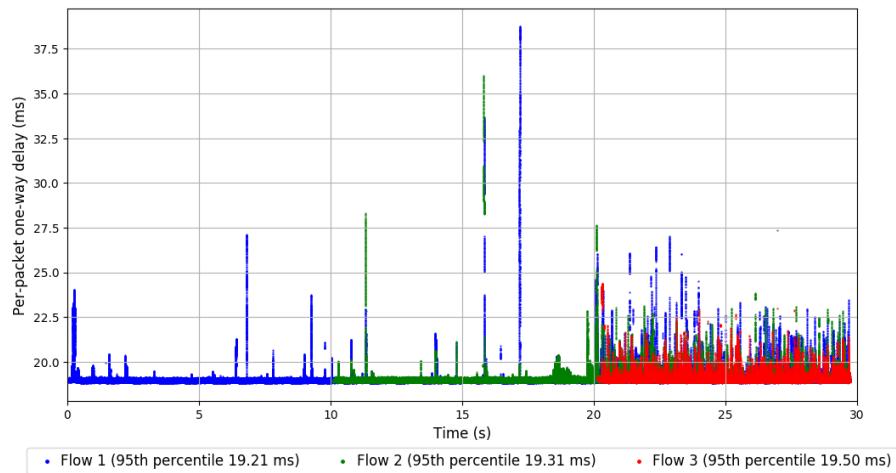
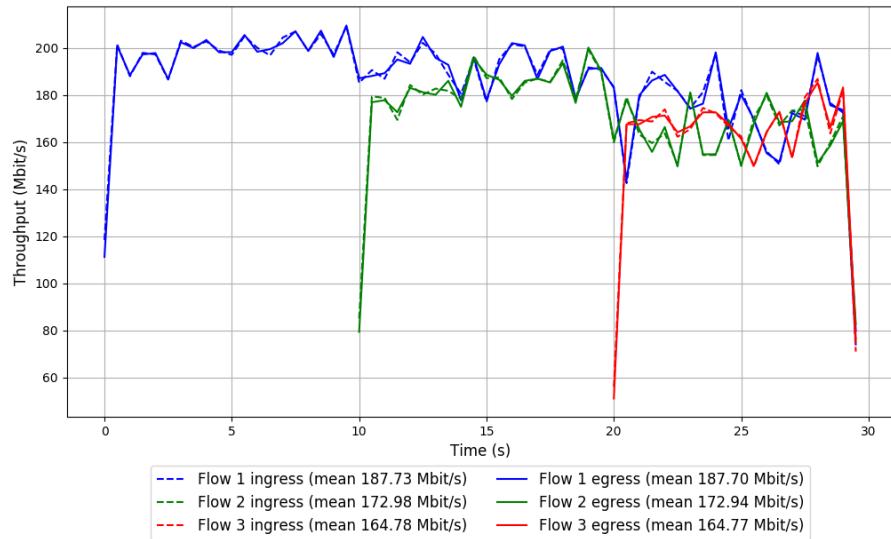


Run 8: Statistics of Indigo

```
Start at: 2017-11-16 13:07:44
End at: 2017-11-16 13:08:14
Local clock offset: 0.995 ms
Remote clock offset: -0.655 ms

# Below is generated by plot.py at 2017-11-16 17:06:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 355.24 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 187.70 Mbit/s
95th percentile per-packet one-way delay: 19.215 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 172.94 Mbit/s
95th percentile per-packet one-way delay: 19.306 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 164.77 Mbit/s
95th percentile per-packet one-way delay: 19.504 ms
Loss rate: 0.01%
```

## Run 8: Report of Indigo — Data Link

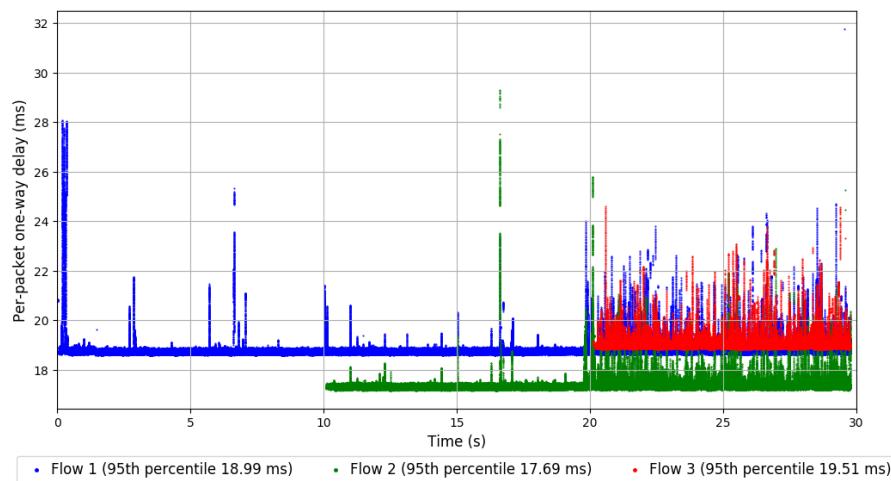
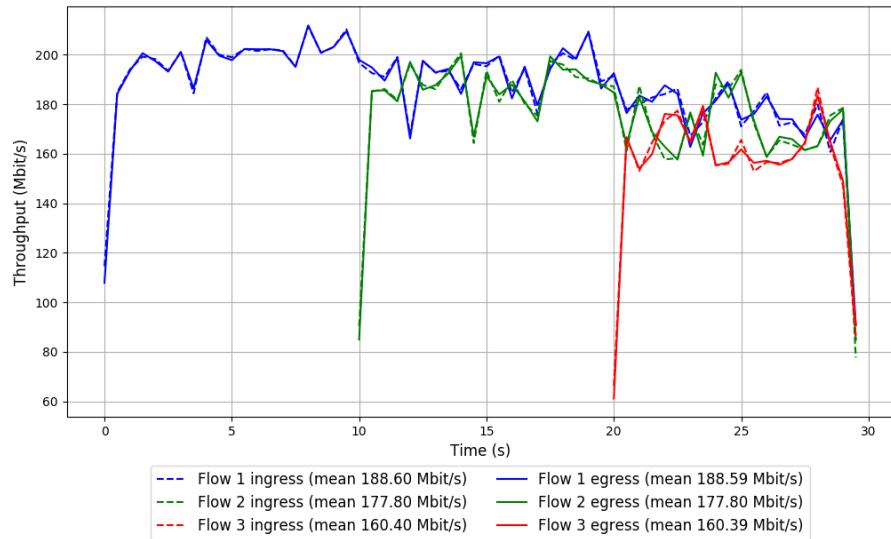


Run 9: Statistics of Indigo

```
Start at: 2017-11-16 13:27:17
End at: 2017-11-16 13:27:47
Local clock offset: 0.872 ms
Remote clock offset: -0.849 ms

# Below is generated by plot.py at 2017-11-16 17:07:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 358.17 Mbit/s
95th percentile per-packet one-way delay: 19.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.59 Mbit/s
95th percentile per-packet one-way delay: 18.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.80 Mbit/s
95th percentile per-packet one-way delay: 17.687 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.39 Mbit/s
95th percentile per-packet one-way delay: 19.509 ms
Loss rate: 0.01%
```

Run 9: Report of Indigo — Data Link

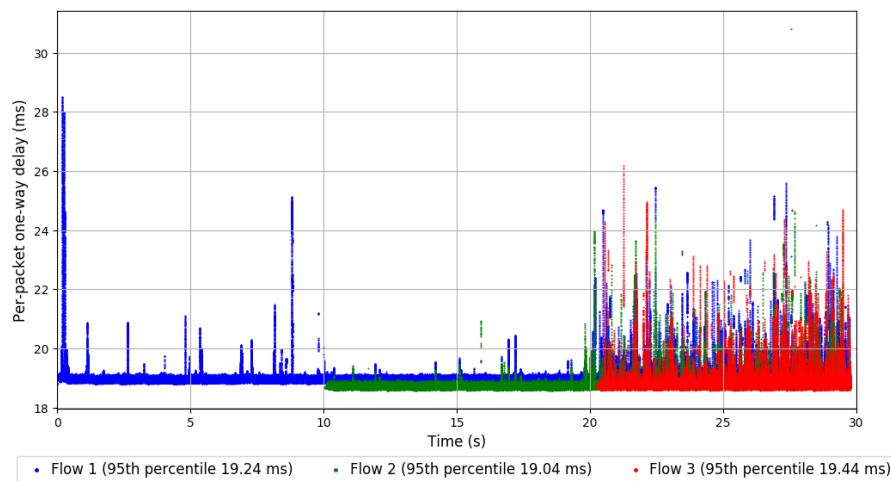
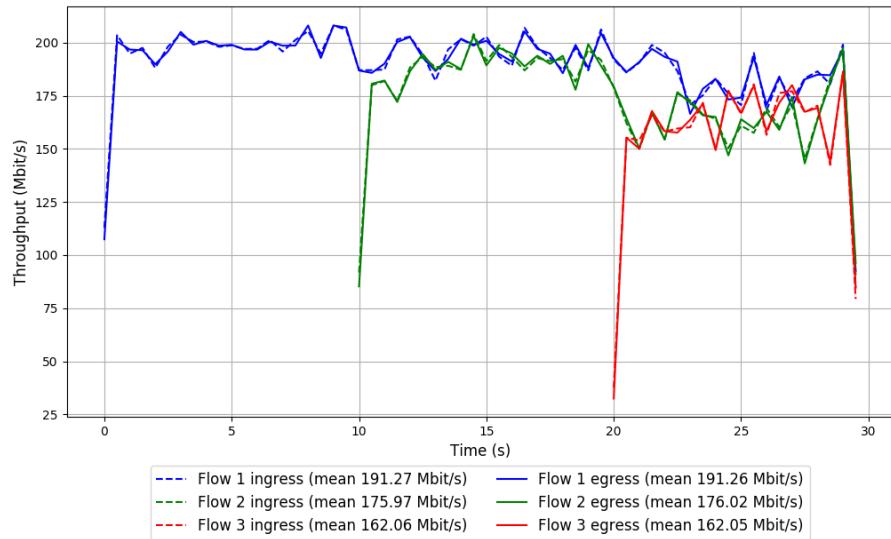


Run 10: Statistics of Indigo

```
Start at: 2017-11-16 13:47:11
End at: 2017-11-16 13:47:41
Local clock offset: 0.814 ms
Remote clock offset: -1.173 ms

# Below is generated by plot.py at 2017-11-16 17:07:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.72 Mbit/s
95th percentile per-packet one-way delay: 19.205 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 191.26 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 176.02 Mbit/s
95th percentile per-packet one-way delay: 19.037 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 162.05 Mbit/s
95th percentile per-packet one-way delay: 19.440 ms
Loss rate: 0.01%
```

### Run 10: Report of Indigo — Data Link

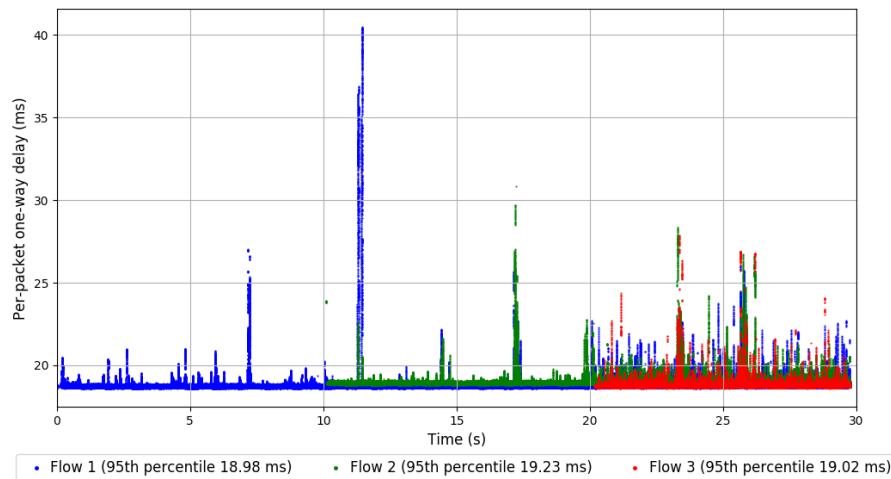
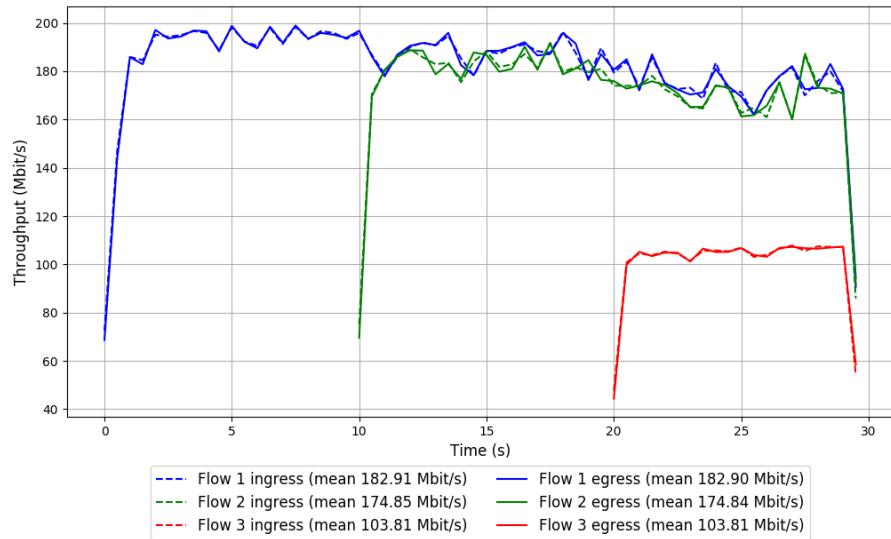


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-16 10:44:38
End at: 2017-11-16 10:45:08
Local clock offset: 1.092 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2017-11-16 17:07:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.05 Mbit/s
95th percentile per-packet one-way delay: 19.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.90 Mbit/s
95th percentile per-packet one-way delay: 18.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.84 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 103.81 Mbit/s
95th percentile per-packet one-way delay: 19.019 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-calib — Data Link

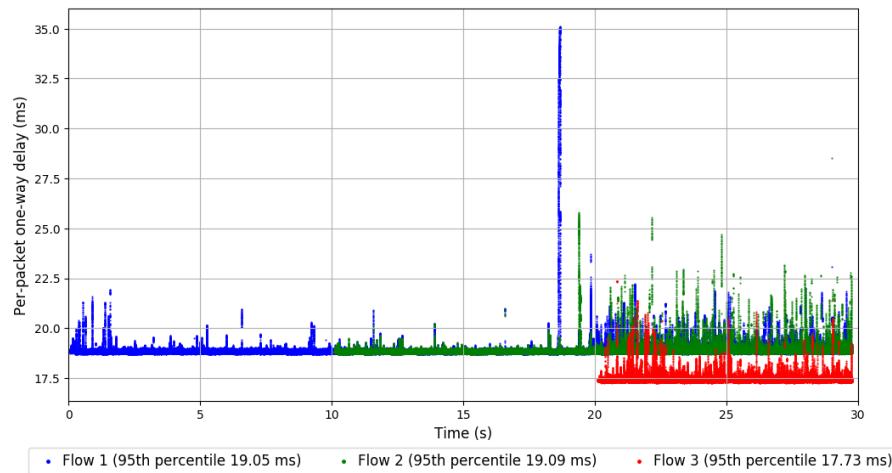
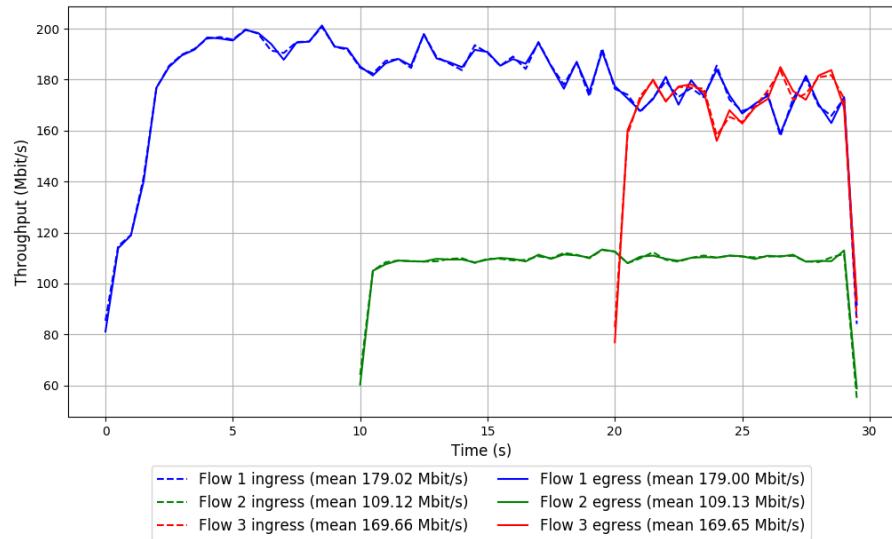


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-16 11:04:27
End at: 2017-11-16 11:04:57
Local clock offset: 1.153 ms
Remote clock offset: -0.404 ms

# Below is generated by plot.py at 2017-11-16 17:07:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 306.29 Mbit/s
95th percentile per-packet one-way delay: 19.021 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 179.00 Mbit/s
95th percentile per-packet one-way delay: 19.055 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 109.13 Mbit/s
95th percentile per-packet one-way delay: 19.086 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 169.65 Mbit/s
95th percentile per-packet one-way delay: 17.734 ms
Loss rate: 0.00%
```

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

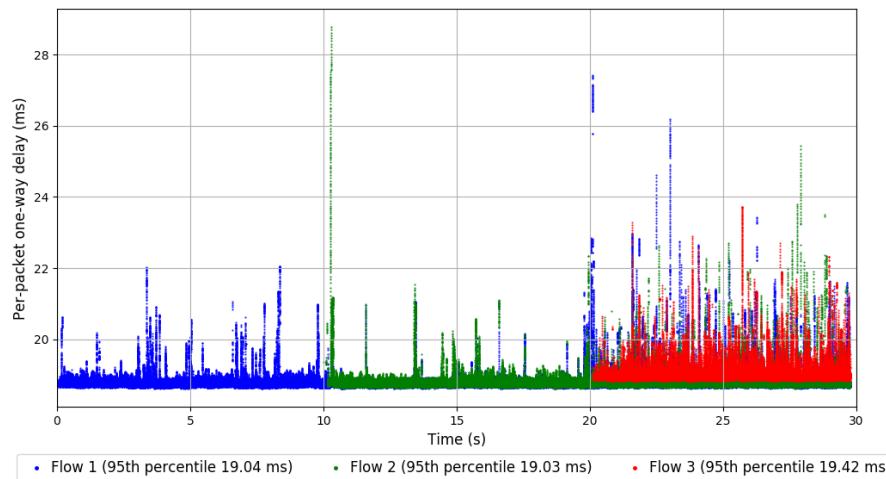
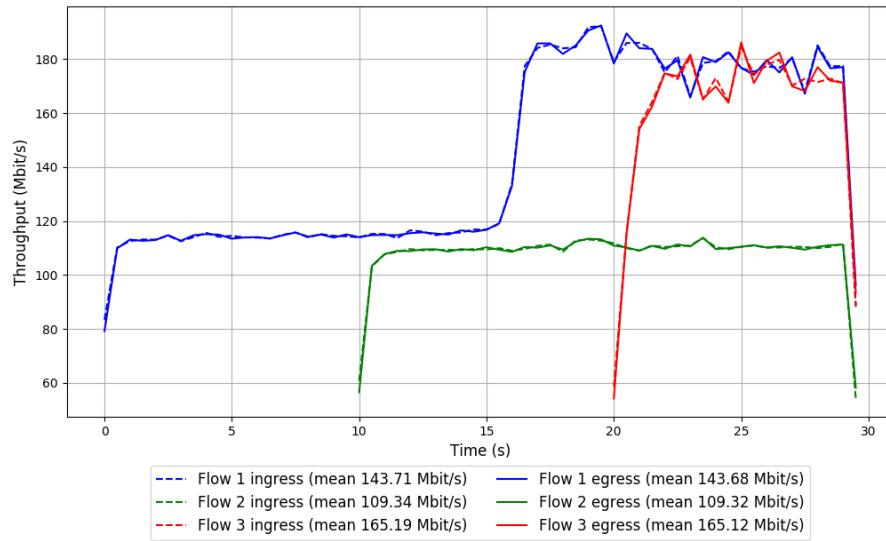


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-16 11:24:13
End at: 2017-11-16 11:24:43
Local clock offset: 1.459 ms
Remote clock offset: -0.457 ms

# Below is generated by plot.py at 2017-11-16 17:08:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 269.47 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 143.68 Mbit/s
95th percentile per-packet one-way delay: 19.035 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 109.32 Mbit/s
95th percentile per-packet one-way delay: 19.032 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 165.12 Mbit/s
95th percentile per-packet one-way delay: 19.420 ms
Loss rate: 0.04%
```

Run 3: Report of Indigo-calib — Data Link

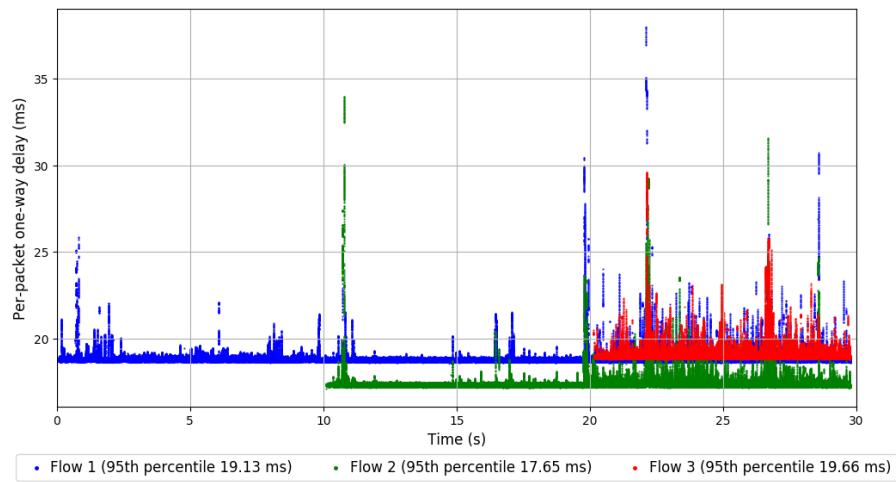
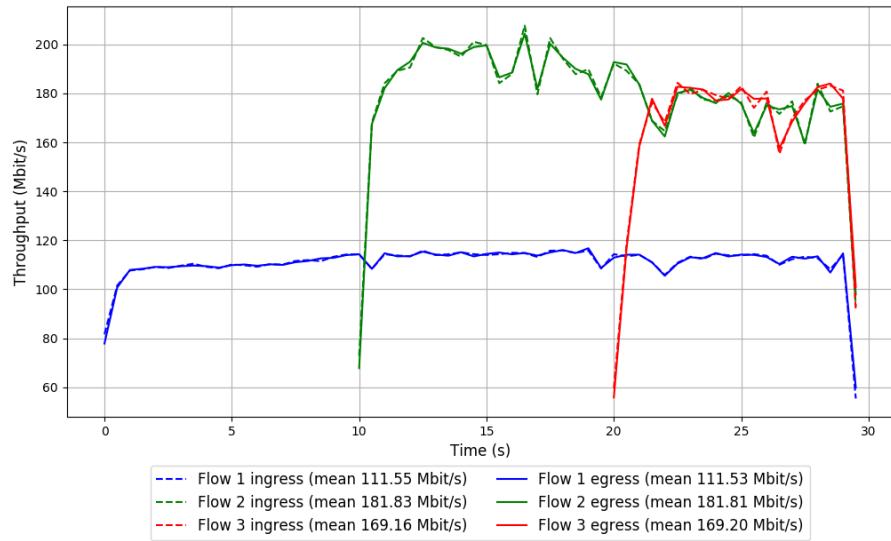


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-16 11:43:30
End at: 2017-11-16 11:44:00
Local clock offset: 1.324 ms
Remote clock offset: -0.526 ms

# Below is generated by plot.py at 2017-11-16 17:09:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 286.49 Mbit/s
95th percentile per-packet one-way delay: 19.158 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 111.53 Mbit/s
95th percentile per-packet one-way delay: 19.134 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 181.81 Mbit/s
95th percentile per-packet one-way delay: 17.653 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 169.20 Mbit/s
95th percentile per-packet one-way delay: 19.656 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo-calib — Data Link

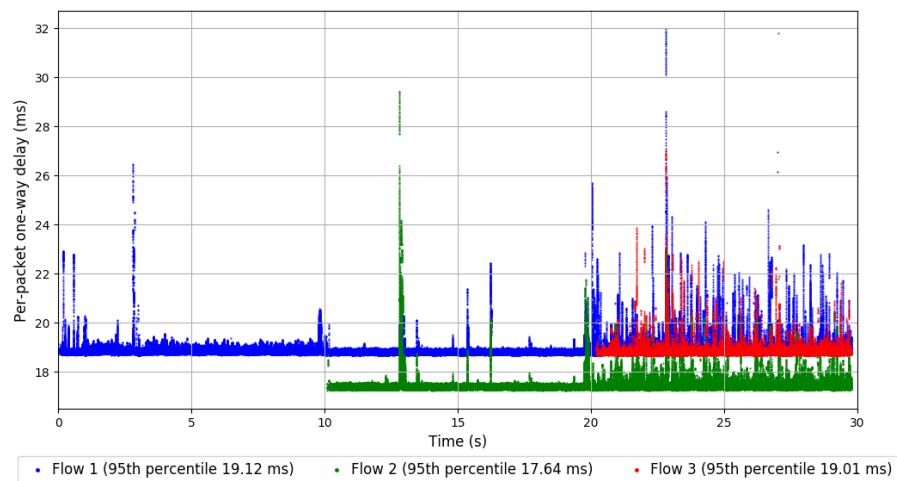
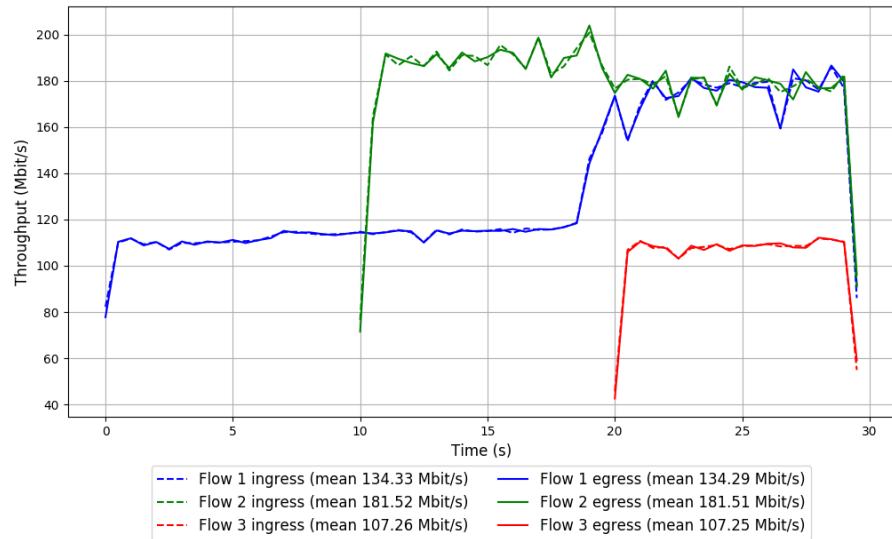


Run 5: Statistics of Indigo-calib

```
Start at: 2017-11-16 12:03:18
End at: 2017-11-16 12:03:48
Local clock offset: 1.107 ms
Remote clock offset: -0.647 ms

# Below is generated by plot.py at 2017-11-16 17:09:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 288.79 Mbit/s
95th percentile per-packet one-way delay: 18.979 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 134.29 Mbit/s
95th percentile per-packet one-way delay: 19.124 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 181.51 Mbit/s
95th percentile per-packet one-way delay: 17.642 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 107.25 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo-calib — Data Link

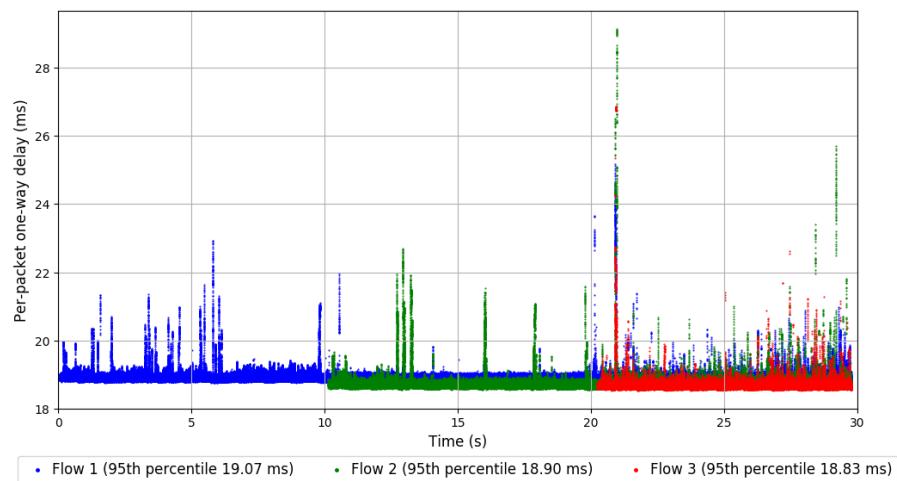
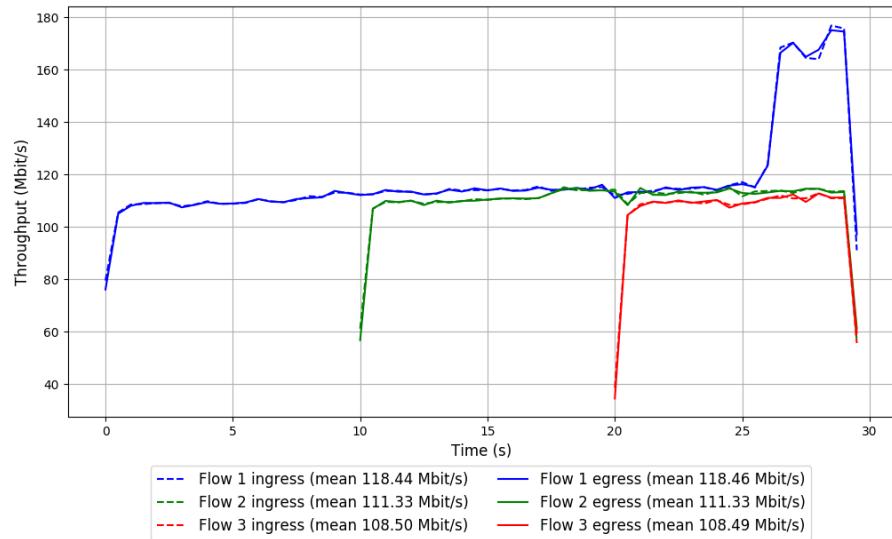


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-16 12:22:56
End at: 2017-11-16 12:23:26
Local clock offset: 1.125 ms
Remote clock offset: -0.266 ms

# Below is generated by plot.py at 2017-11-16 17:09:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 226.79 Mbit/s
95th percentile per-packet one-way delay: 19.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.46 Mbit/s
95th percentile per-packet one-way delay: 19.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 111.33 Mbit/s
95th percentile per-packet one-way delay: 18.903 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.49 Mbit/s
95th percentile per-packet one-way delay: 18.834 ms
Loss rate: 0.01%
```

Run 6: Report of Indigo-calib — Data Link

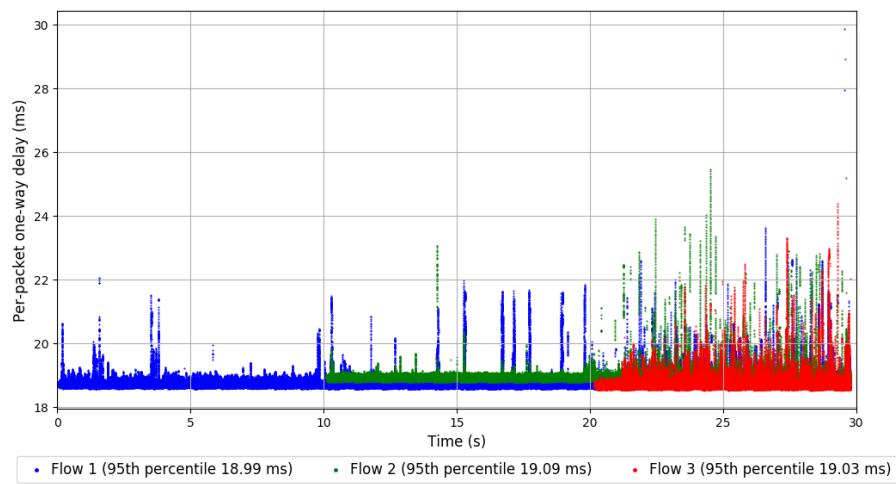
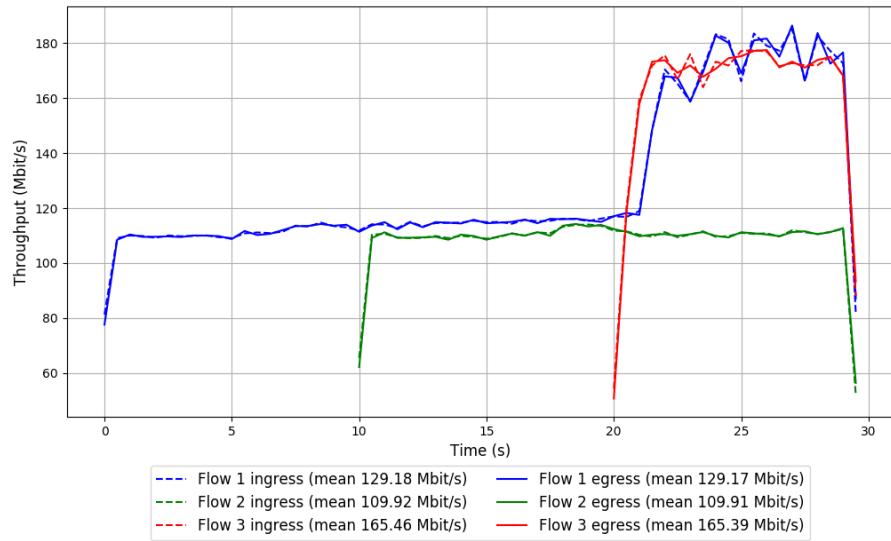


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-16 12:43:11
End at: 2017-11-16 12:43:41
Local clock offset: 0.985 ms
Remote clock offset: -0.181 ms

# Below is generated by plot.py at 2017-11-16 17:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 255.31 Mbit/s
95th percentile per-packet one-way delay: 19.058 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 129.17 Mbit/s
95th percentile per-packet one-way delay: 18.991 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 109.91 Mbit/s
95th percentile per-packet one-way delay: 19.092 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 165.39 Mbit/s
95th percentile per-packet one-way delay: 19.032 ms
Loss rate: 0.01%
```

Run 7: Report of Indigo-calib — Data Link

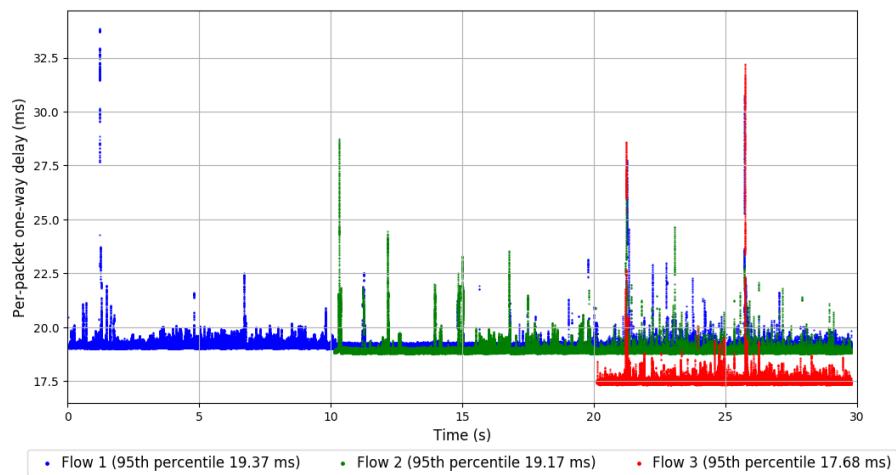
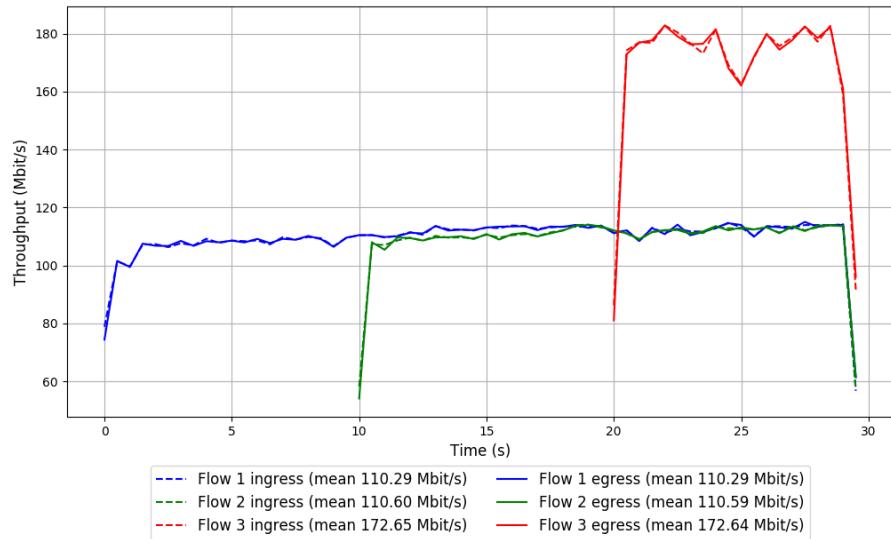


Run 8: Statistics of Indigo-calib

```
Start at: 2017-11-16 13:03:17
End at: 2017-11-16 13:03:47
Local clock offset: 0.929 ms
Remote clock offset: -0.474 ms

# Below is generated by plot.py at 2017-11-16 17:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.45 Mbit/s
95th percentile per-packet one-way delay: 19.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: 19.368 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 110.59 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 172.64 Mbit/s
95th percentile per-packet one-way delay: 17.685 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo-calib — Data Link

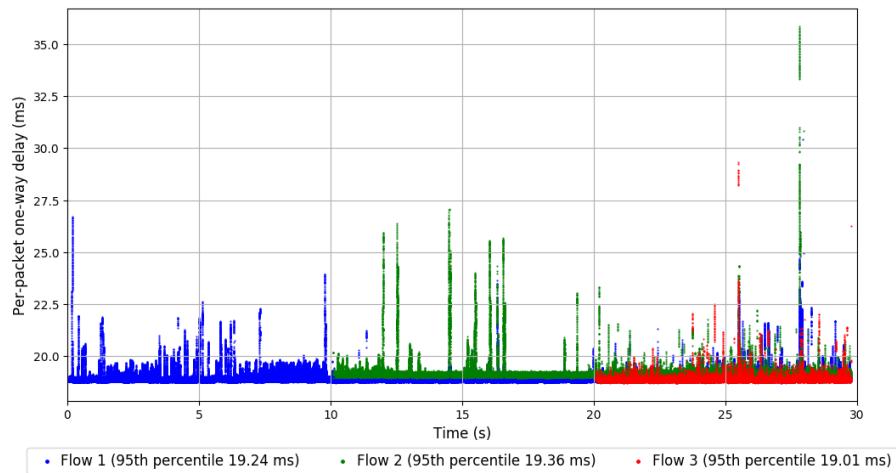
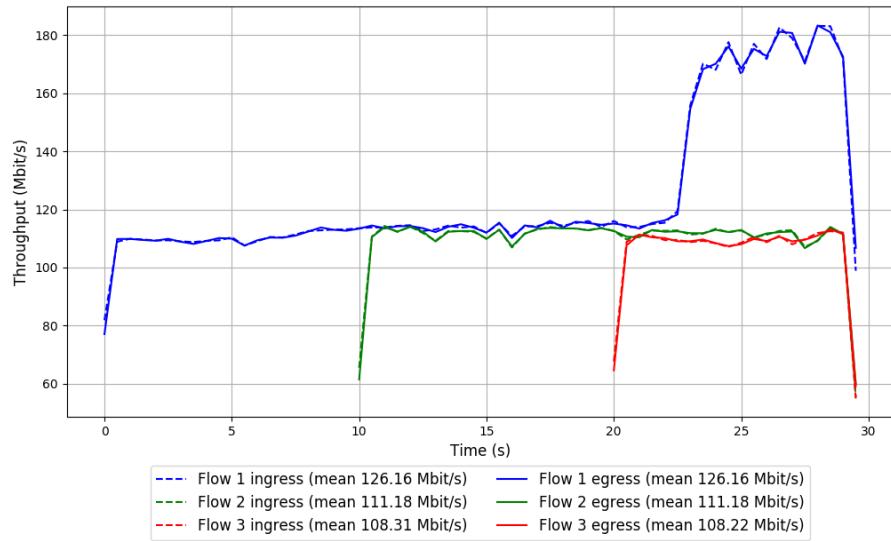


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-16 13:23:12
End at: 2017-11-16 13:23:42
Local clock offset: 0.825 ms
Remote clock offset: -0.692 ms

# Below is generated by plot.py at 2017-11-16 17:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 234.89 Mbit/s
95th percentile per-packet one-way delay: 19.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.16 Mbit/s
95th percentile per-packet one-way delay: 19.239 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 111.18 Mbit/s
95th percentile per-packet one-way delay: 19.356 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.22 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-11-16 13:42:42
End at: 2017-11-16 13:43:12
Local clock offset: 0.727 ms
Remote clock offset: -1.135 ms

# Below is generated by plot.py at 2017-11-16 17:10:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.86 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.40 Mbit/s
95th percentile per-packet one-way delay: 19.317 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 109.44 Mbit/s
95th percentile per-packet one-way delay: 18.950 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 173.63 Mbit/s
95th percentile per-packet one-way delay: 19.023 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo-calib — Data Link

