

Pantheon Report

Generated at 2018-01-10 03:46:38 (UTC).
Data path: GCE Sydney Ethernet (*local*) → GCE Tokyo 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.

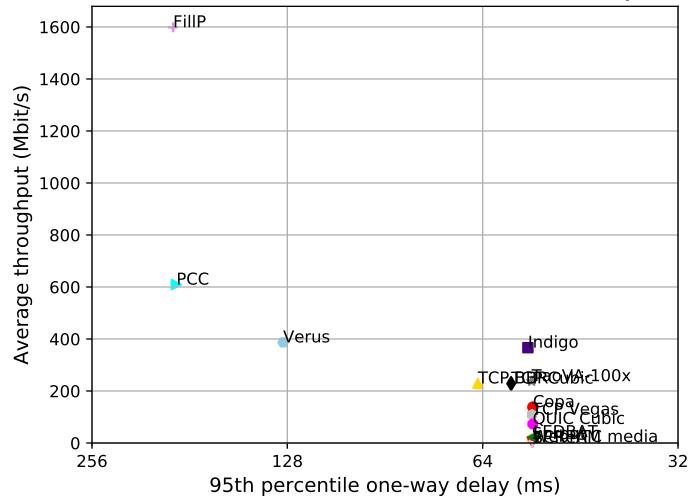
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

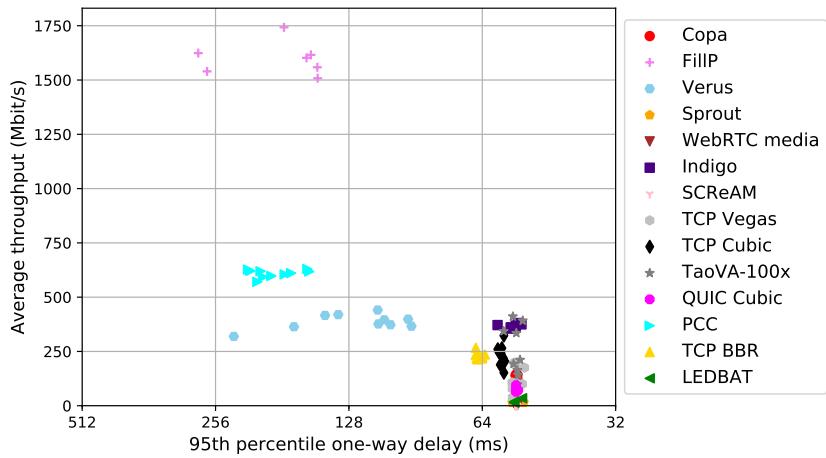
Git summary:

```
branch: master @ 56d1792c316a5efca3f2d21342905405fedffb48
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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 GCE Sydney Ethernet to GCE Tokyo Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Sydney Ethernet to GCE Tokyo Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



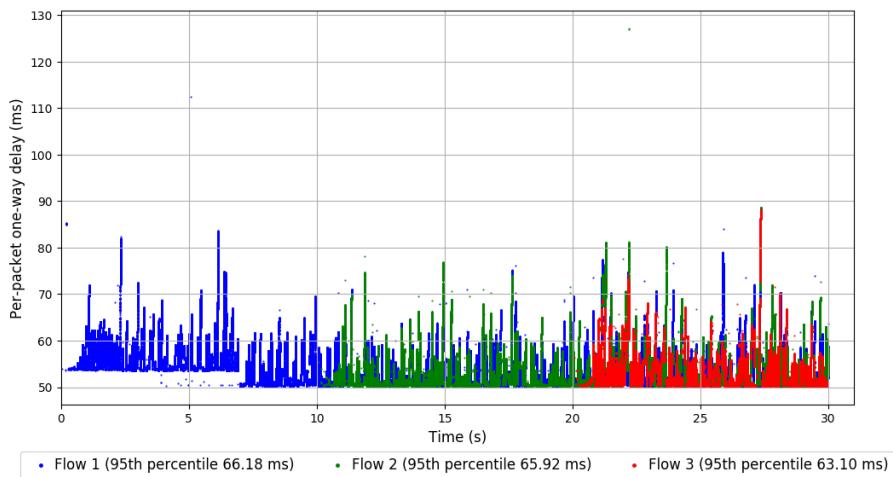
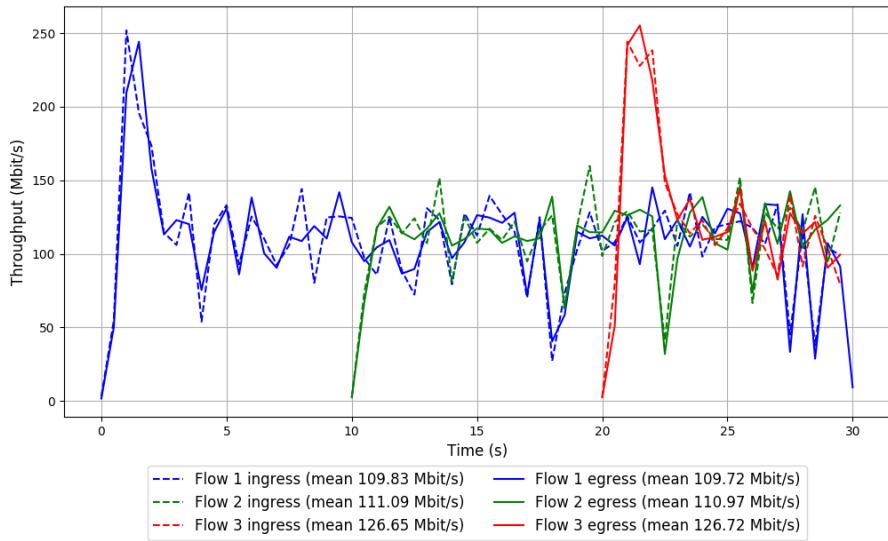
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	111.07	112.11	131.54	64.52	65.08	65.80	0.12	0.25	0.00
TCP Cubic		121.22	113.51	95.78	57.78	57.41	56.44	0.22	0.15	0.03
LEDBAT		12.89	11.75	6.34	53.58	52.69	51.47	0.26	0.84	1.78
PCC		525.52	97.98	56.42	198.28	166.14	157.45	3.42	2.78	4.66
QUIC Cubic		44.89	34.67	16.82	52.69	53.19	52.93	0.02	0.03	0.00
SCReAM		0.21	0.21	0.22	52.74	53.03	51.81	0.00	0.00	0.00
WebRTC media		2.25	1.41	0.58	52.99	52.72	53.03	0.00	0.00	0.01
Sprout		7.72	7.71	7.44	53.79	53.52	53.06	0.11	0.01	0.25
TaoVA-100x		97.09	152.10	182.83	54.22	52.34	55.08	0.00	0.00	0.00
TCP Vegas		38.19	85.02	43.03	53.81	53.59	53.10	0.15	0.20	0.04
Verus		236.66	162.74	130.23	126.83	126.28	130.57	1.22	2.21	0.53
Copa		76.09	66.76	67.66	53.50	53.57	53.08	0.00	0.00	0.00
FillP		846.63	752.27	688.36	191.64	168.18	183.14	6.81	8.10	14.39
Indigo		185.65	184.68	177.99	54.07	55.20	54.40	0.02	0.00	0.01

```
Run 1: Statistics of TCP BBR

Start at: 2018-01-09 22:23:51
End at: 2018-01-09 22:24:21

# Below is generated by plot.py at 2018-01-10 02:23:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 225.45 Mbit/s
95th percentile per-packet one-way delay: 65.524 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 109.72 Mbit/s
95th percentile per-packet one-way delay: 66.180 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 110.97 Mbit/s
95th percentile per-packet one-way delay: 65.925 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 126.72 Mbit/s
95th percentile per-packet one-way delay: 63.100 ms
Loss rate: 0.01%
```

Run 1: Report of TCP BBR — Data Link



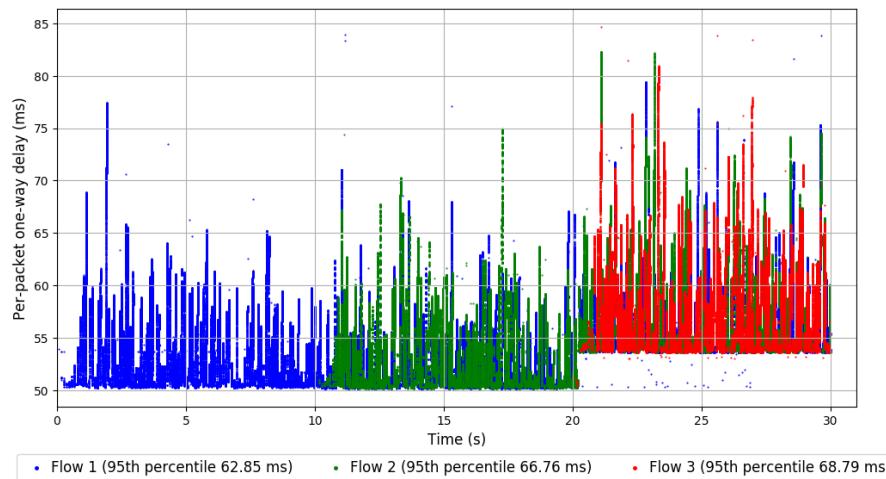
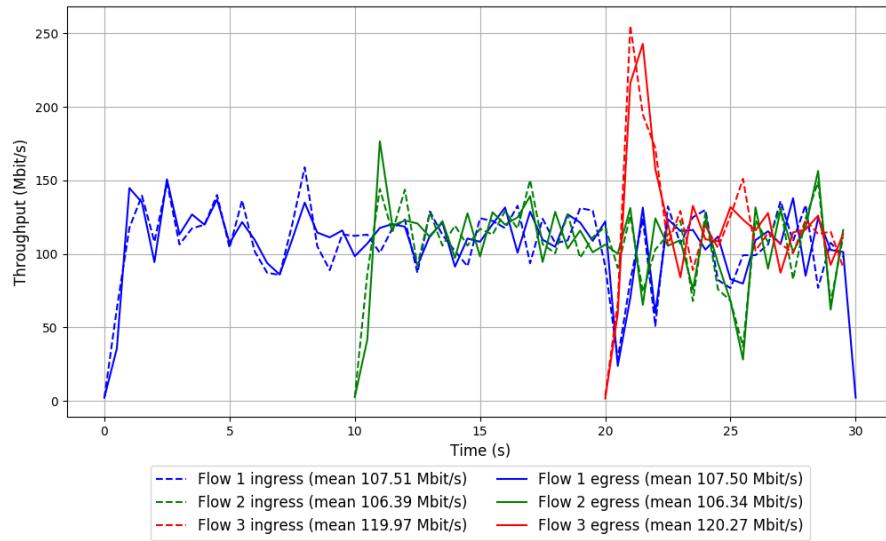
Run 2: Statistics of TCP BBR

Start at: 2018-01-09 22:37:38

End at: 2018-01-09 22:38:08

```
# Below is generated by plot.py at 2018-01-10 02:23:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 217.94 Mbit/s
95th percentile per-packet one-way delay: 65.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 107.50 Mbit/s
95th percentile per-packet one-way delay: 62.854 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.34 Mbit/s
95th percentile per-packet one-way delay: 66.762 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.27 Mbit/s
95th percentile per-packet one-way delay: 68.790 ms
Loss rate: 0.00%
```

Run 2: Report of TCP BBR — Data Link



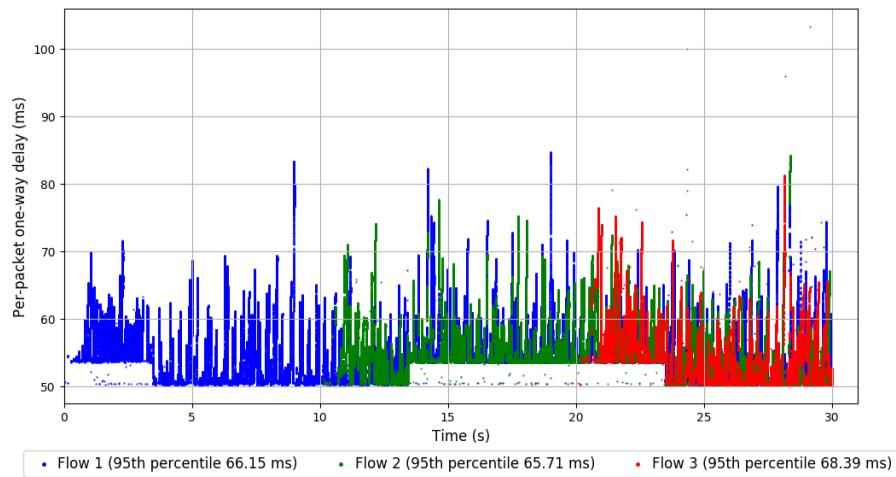
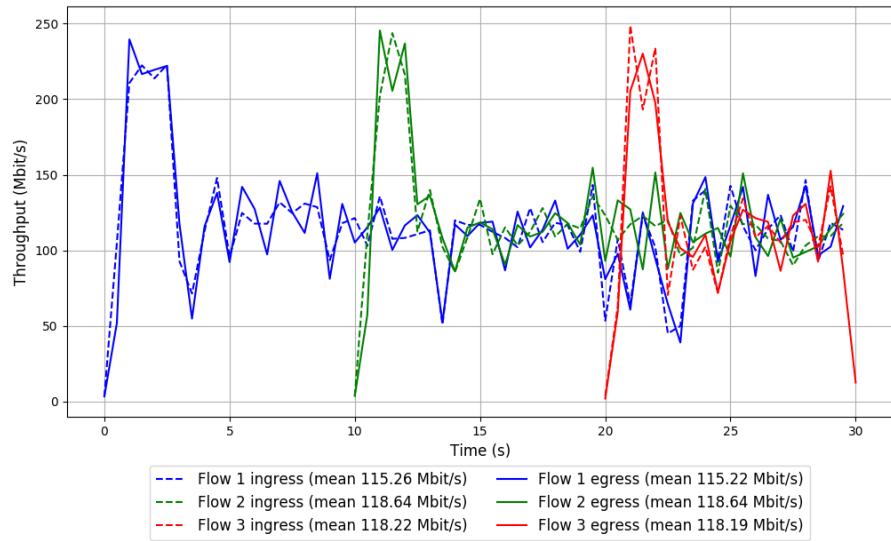
Run 3: Statistics of TCP BBR

Start at: 2018-01-09 22:51:25

End at: 2018-01-09 22:51:55

```
# Below is generated by plot.py at 2018-01-10 02:23:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 233.30 Mbit/s
95th percentile per-packet one-way delay: 66.250 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 115.22 Mbit/s
95th percentile per-packet one-way delay: 66.154 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 118.64 Mbit/s
95th percentile per-packet one-way delay: 65.712 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.19 Mbit/s
95th percentile per-packet one-way delay: 68.391 ms
Loss rate: 0.00%
```

Run 3: Report of TCP BBR — Data Link



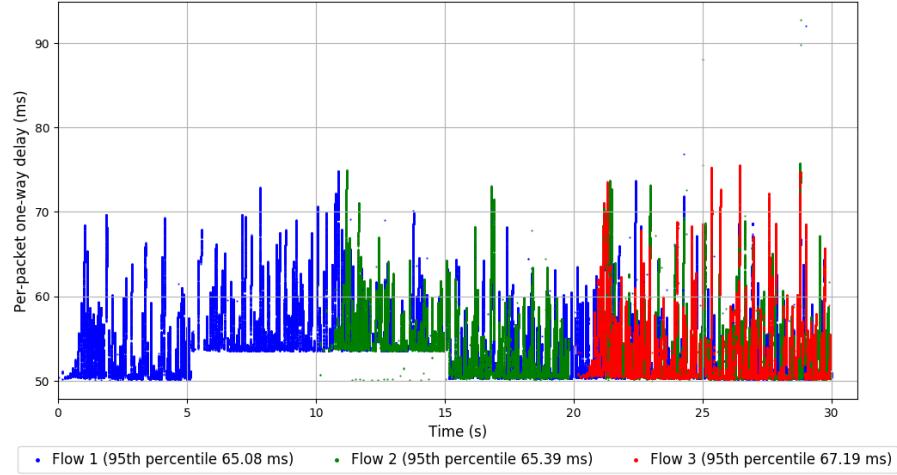
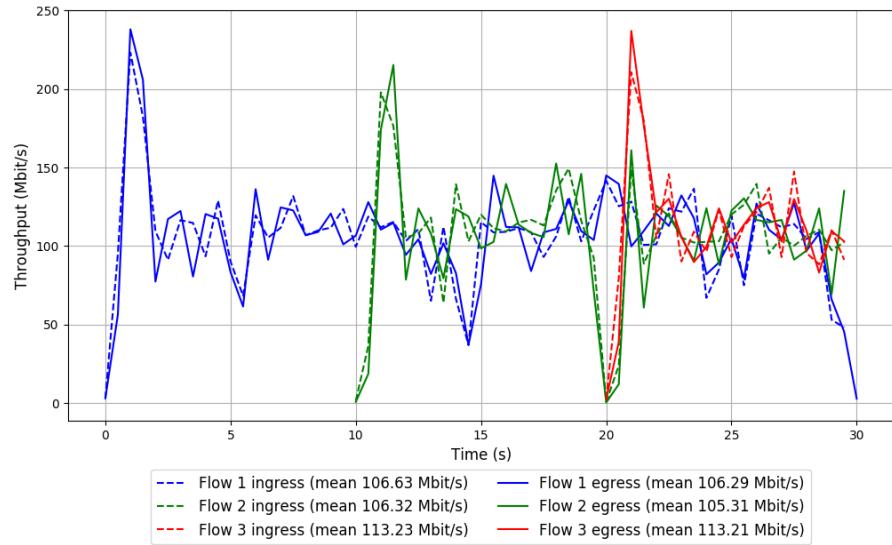
Run 4: Statistics of TCP BBR

Start at: 2018-01-09 23:05:13

End at: 2018-01-09 23:05:43

```
# Below is generated by plot.py at 2018-01-10 02:23:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.50 Mbit/s
95th percentile per-packet one-way delay: 65.570 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 106.29 Mbit/s
95th percentile per-packet one-way delay: 65.083 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 105.31 Mbit/s
95th percentile per-packet one-way delay: 65.394 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 113.21 Mbit/s
95th percentile per-packet one-way delay: 67.190 ms
Loss rate: 0.01%
```

Run 4: Report of TCP BBR — Data Link



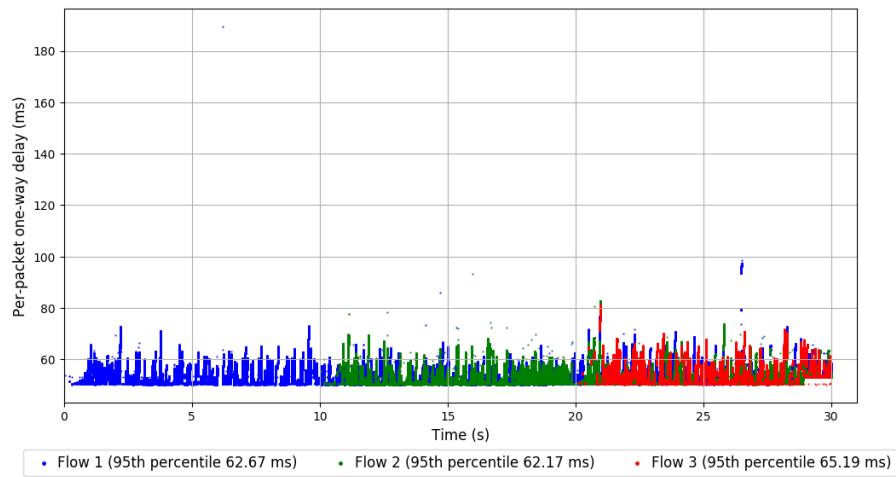
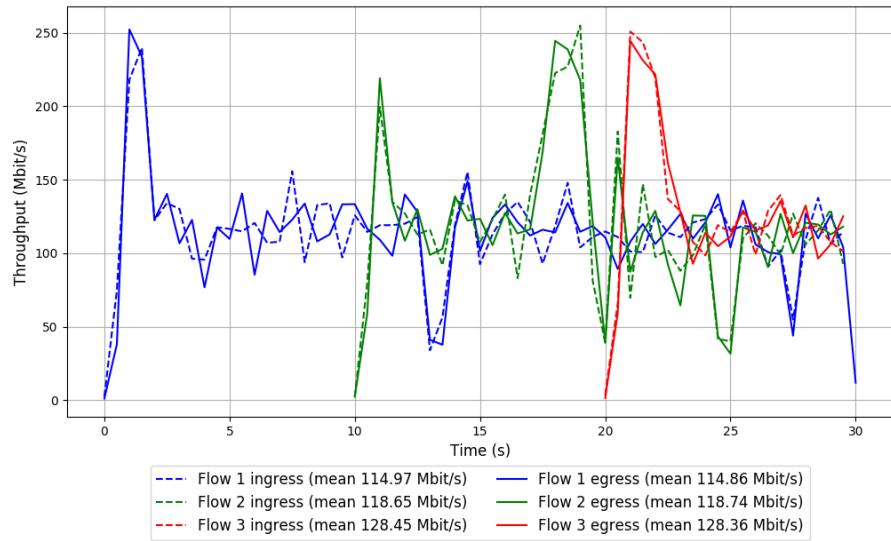
```
Run 5: Statistics of TCP BBR
```

```
Start at: 2018-01-09 23:19:09
```

```
End at: 2018-01-09 23:19:39
```

```
# Below is generated by plot.py at 2018-01-10 02:23:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 236.29 Mbit/s
95th percentile per-packet one-way delay: 63.152 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 114.86 Mbit/s
95th percentile per-packet one-way delay: 62.668 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 118.74 Mbit/s
95th percentile per-packet one-way delay: 62.172 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 128.36 Mbit/s
95th percentile per-packet one-way delay: 65.189 ms
Loss rate: 0.00%
```

Run 5: Report of TCP BBR — Data Link



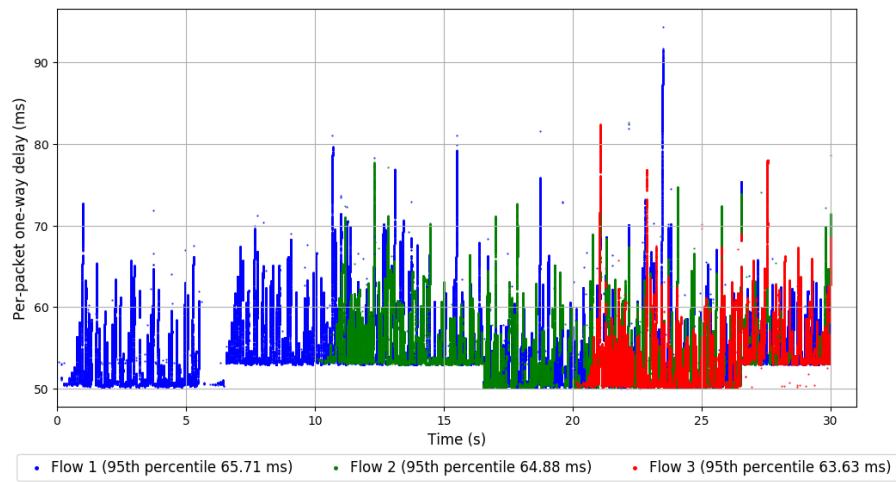
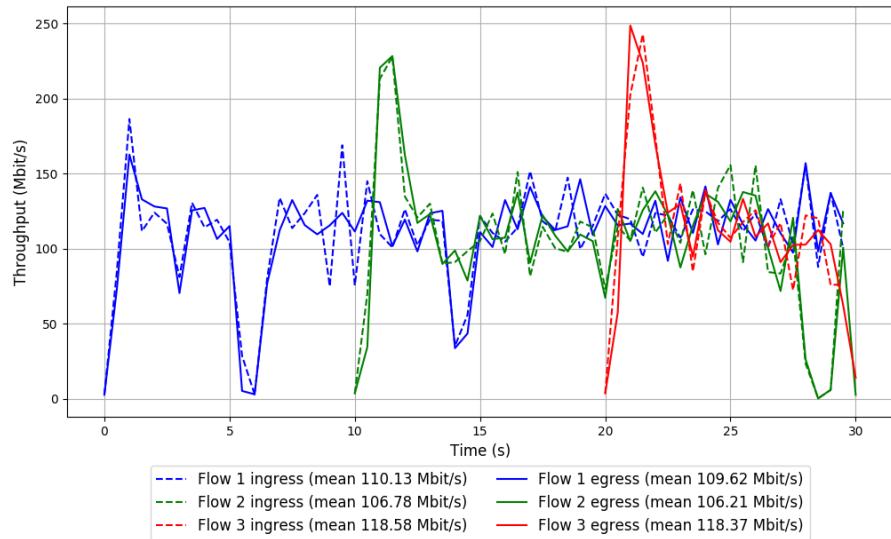
```
Run 6: Statistics of TCP BBR
```

```
Start at: 2018-01-09 23:33:02
```

```
End at: 2018-01-09 23:33:32
```

```
# Below is generated by plot.py at 2018-01-10 02:23:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 219.49 Mbit/s
95th percentile per-packet one-way delay: 65.128 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 109.62 Mbit/s
95th percentile per-packet one-way delay: 65.714 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 106.21 Mbit/s
95th percentile per-packet one-way delay: 64.877 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 118.37 Mbit/s
95th percentile per-packet one-way delay: 63.626 ms
Loss rate: 0.00%
```

Run 6: Report of TCP BBR — Data Link



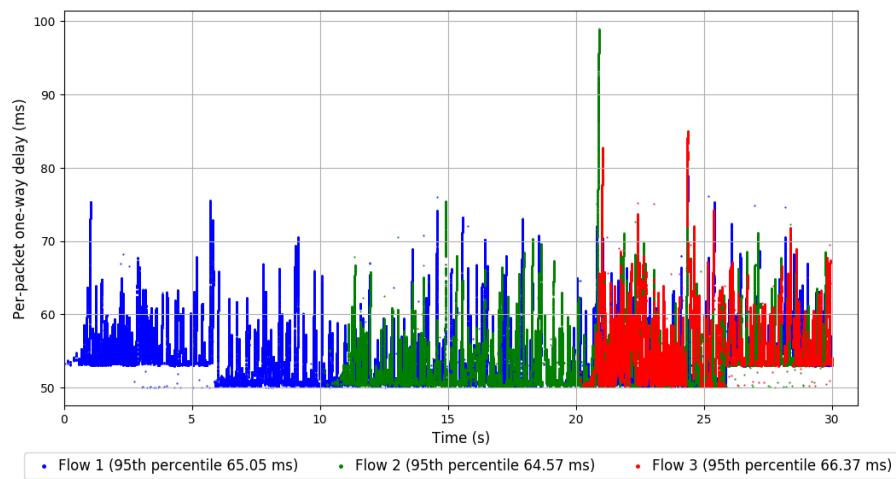
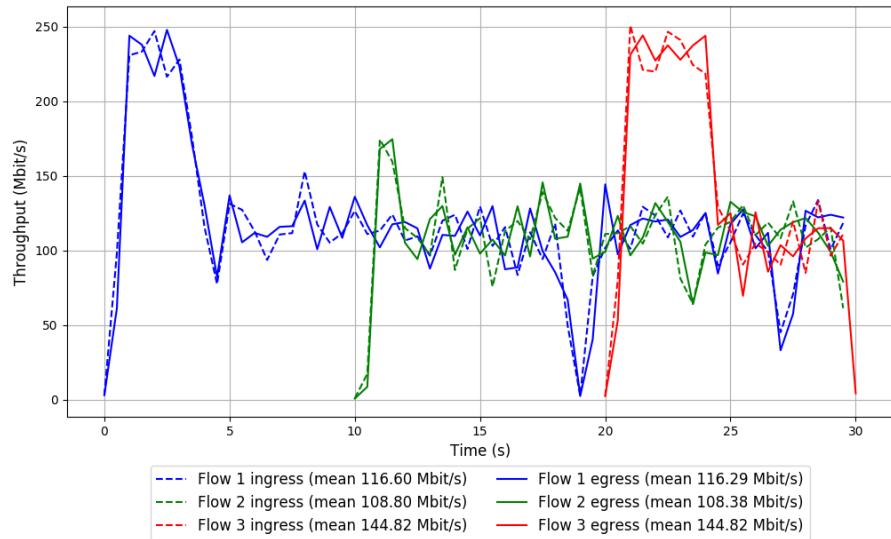
Run 7: Statistics of TCP BBR

Start at: 2018-01-09 23:46:52

End at: 2018-01-09 23:47:22

```
# Below is generated by plot.py at 2018-01-10 02:23:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 236.39 Mbit/s
95th percentile per-packet one-way delay: 65.192 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 116.29 Mbit/s
95th percentile per-packet one-way delay: 65.045 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 108.38 Mbit/s
95th percentile per-packet one-way delay: 64.573 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 144.82 Mbit/s
95th percentile per-packet one-way delay: 66.372 ms
Loss rate: 0.00%
```

Run 7: Report of TCP BBR — Data Link



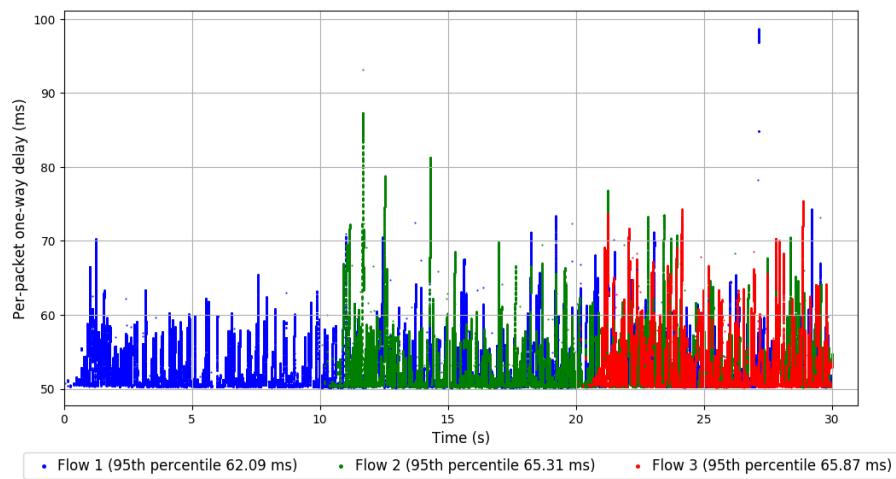
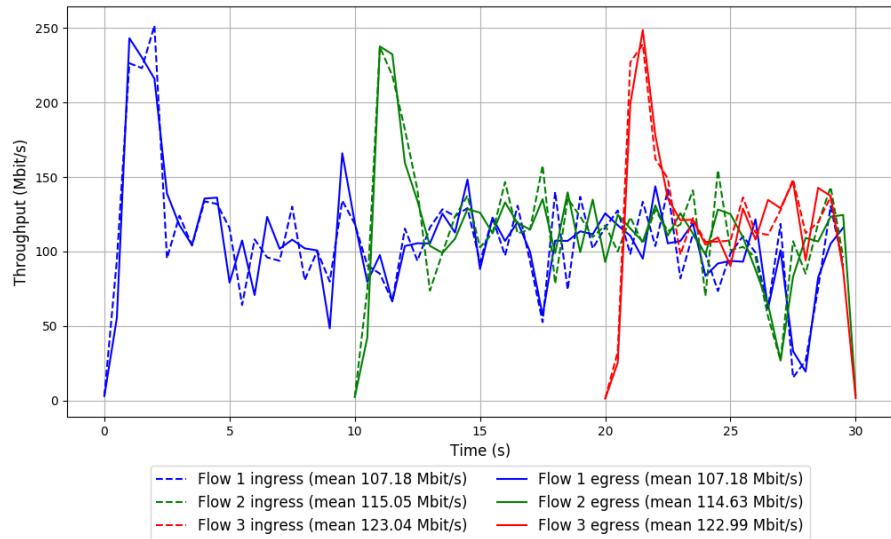
Run 8: Statistics of TCP BBR

Start at: 2018-01-10 00:00:38

End at: 2018-01-10 00:01:08

```
# Below is generated by plot.py at 2018-01-10 02:23:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 224.10 Mbit/s
95th percentile per-packet one-way delay: 64.008 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 107.18 Mbit/s
95th percentile per-packet one-way delay: 62.094 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 114.63 Mbit/s
95th percentile per-packet one-way delay: 65.308 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 122.99 Mbit/s
95th percentile per-packet one-way delay: 65.871 ms
Loss rate: 0.02%
```

Run 8: Report of TCP BBR — Data Link



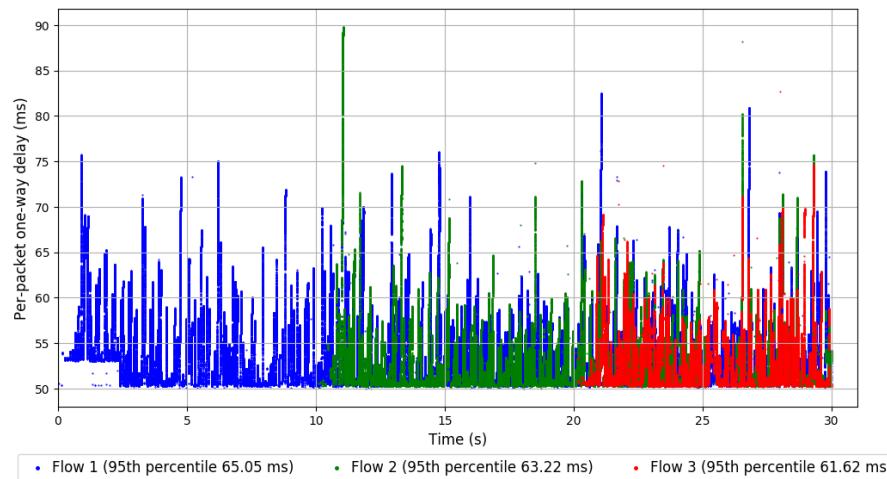
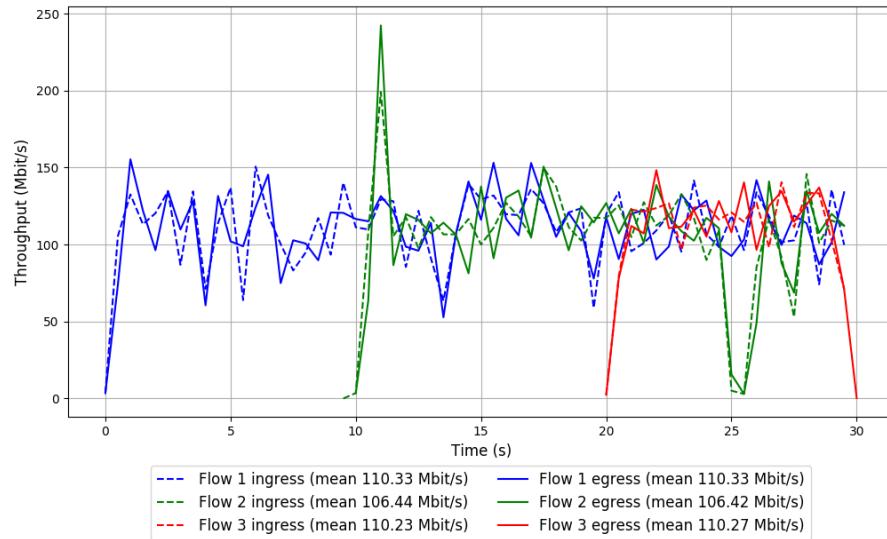
Run 9: Statistics of TCP BBR

Start at: 2018-01-10 00:14:16

End at: 2018-01-10 00:14:46

```
# Below is generated by plot.py at 2018-01-10 02:26:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 217.74 Mbit/s
95th percentile per-packet one-way delay: 64.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.33 Mbit/s
95th percentile per-packet one-way delay: 65.053 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.42 Mbit/s
95th percentile per-packet one-way delay: 63.216 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.27 Mbit/s
95th percentile per-packet one-way delay: 61.622 ms
Loss rate: 0.00%
```

Run 9: Report of TCP BBR — Data Link



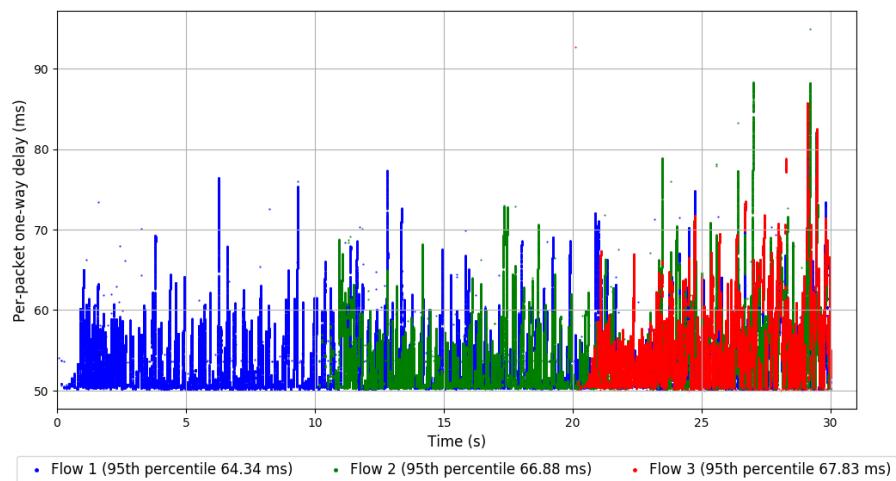
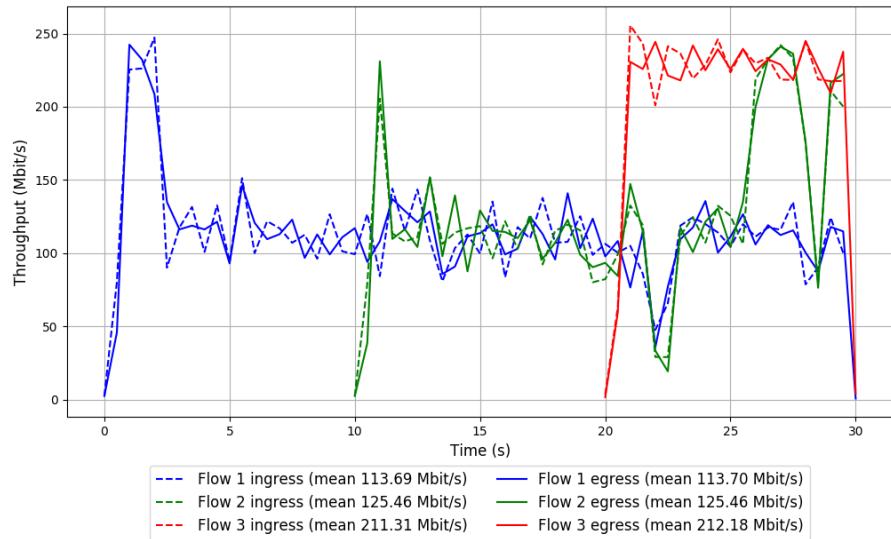
Run 10: Statistics of TCP BBR

Start at: 2018-01-10 00:28:16

End at: 2018-01-10 00:28:46

```
# Below is generated by plot.py at 2018-01-10 02:27:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 267.09 Mbit/s
95th percentile per-packet one-way delay: 66.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.70 Mbit/s
95th percentile per-packet one-way delay: 64.342 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 125.46 Mbit/s
95th percentile per-packet one-way delay: 66.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 212.18 Mbit/s
95th percentile per-packet one-way delay: 67.832 ms
Loss rate: 0.00%
```

Run 10: Report of TCP BBR — Data Link

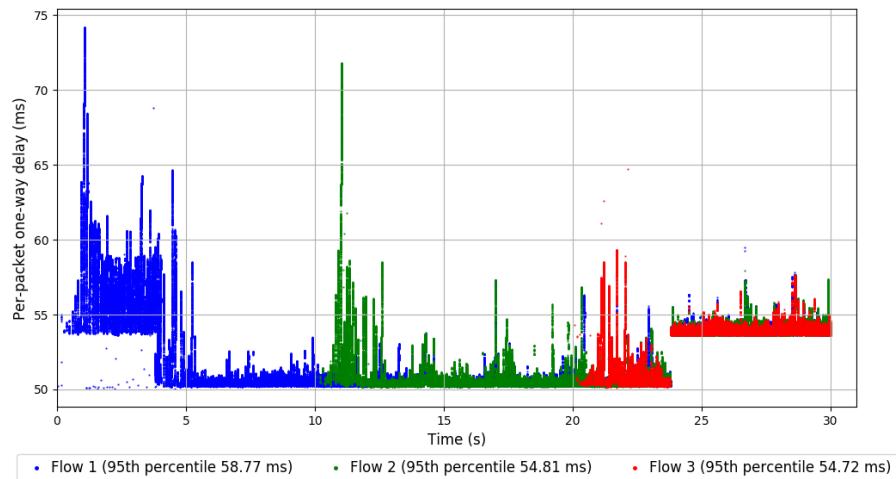
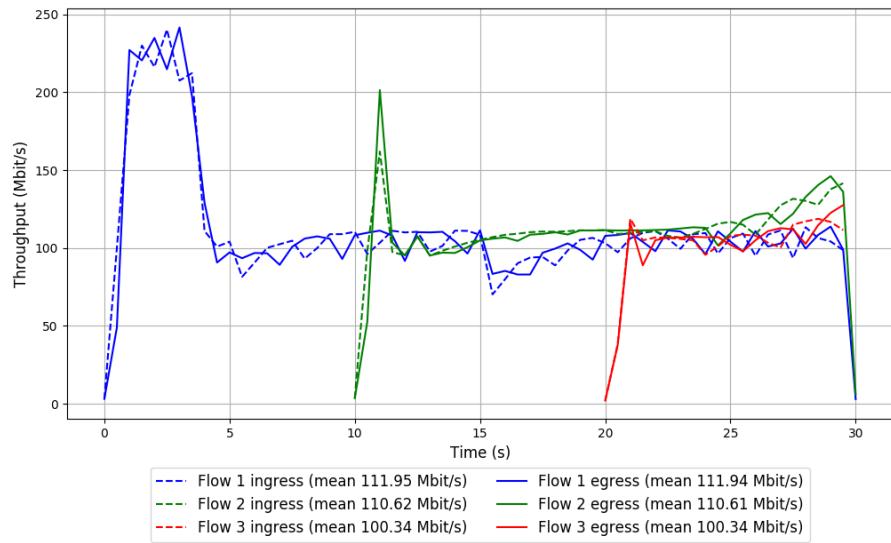


```
Run 1: Statistics of TCP Cubic

Start at: 2018-01-09 22:31:24
End at: 2018-01-09 22:31:54

# Below is generated by plot.py at 2018-01-10 02:27:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 218.85 Mbit/s
95th percentile per-packet one-way delay: 57.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.94 Mbit/s
95th percentile per-packet one-way delay: 58.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 110.61 Mbit/s
95th percentile per-packet one-way delay: 54.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 100.34 Mbit/s
95th percentile per-packet one-way delay: 54.719 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Cubic — Data Link



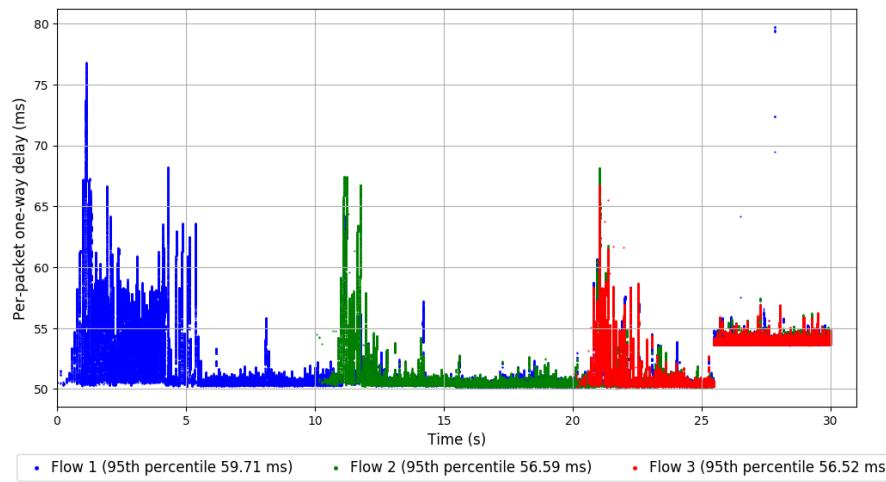
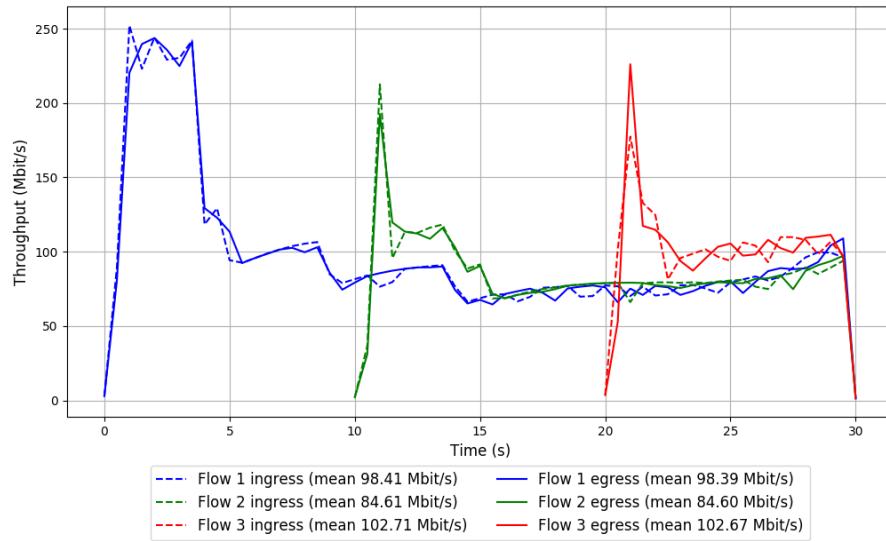
```
Run 2: Statistics of TCP Cubic
```

```
Start at: 2018-01-09 22:45:03
```

```
End at: 2018-01-09 22:45:33
```

```
# Below is generated by plot.py at 2018-01-10 02:27:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 188.74 Mbit/s
95th percentile per-packet one-way delay: 58.293 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 98.39 Mbit/s
95th percentile per-packet one-way delay: 59.711 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 56.585 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 56.516 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Cubic — Data Link



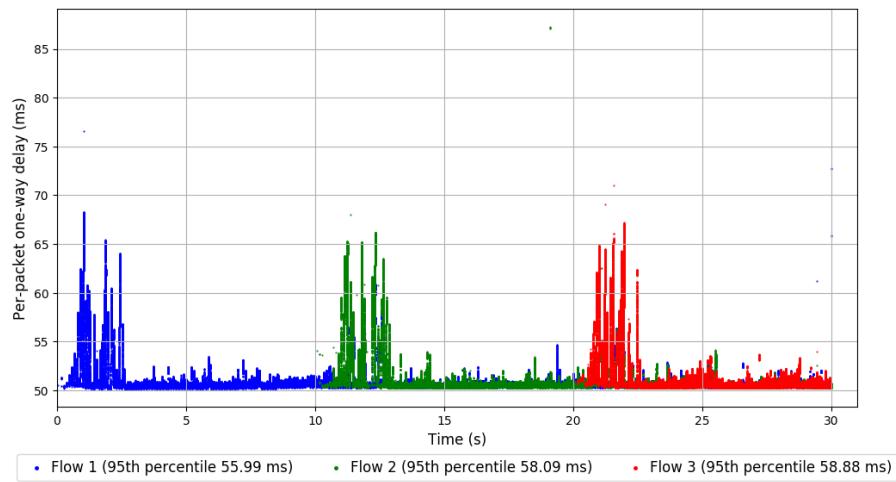
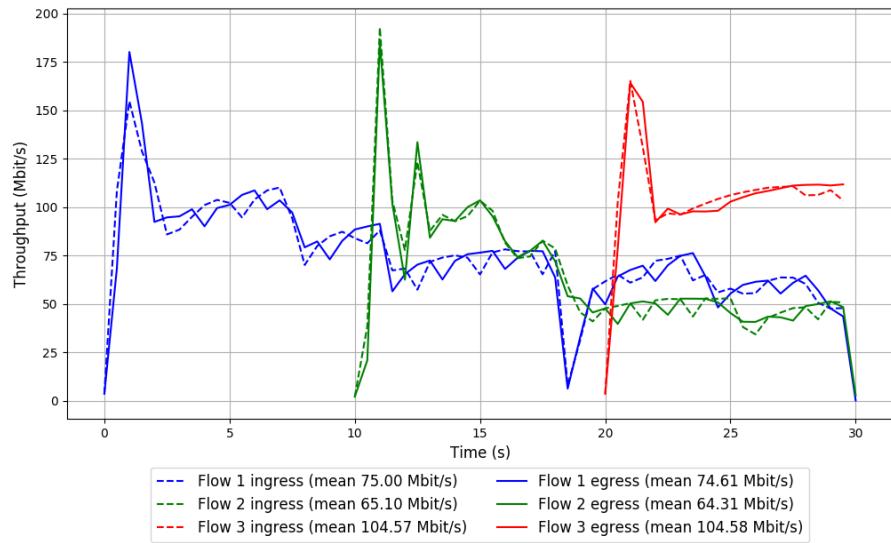
```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2018-01-09 22:59:10
```

```
End at: 2018-01-09 22:59:40
```

```
# Below is generated by plot.py at 2018-01-10 02:27:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.01 Mbit/s
95th percentile per-packet one-way delay: 57.198 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 55.986 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 64.31 Mbit/s
95th percentile per-packet one-way delay: 58.091 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 104.58 Mbit/s
95th percentile per-packet one-way delay: 58.883 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Cubic — Data Link

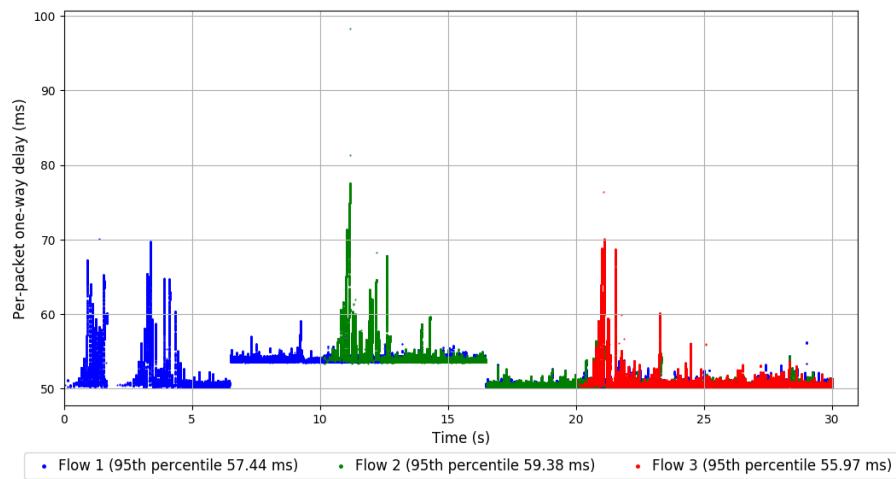
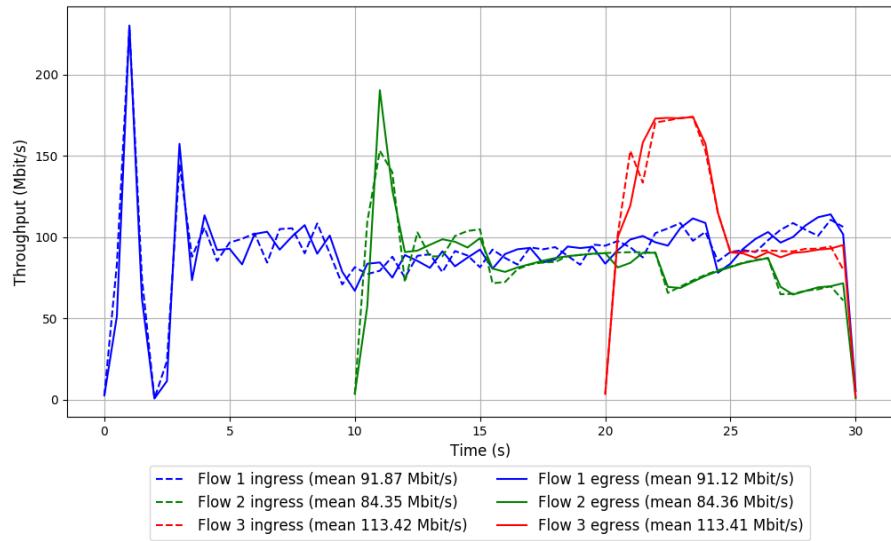


```
Run 4: Statistics of TCP Cubic

Start at: 2018-01-09 23:12:52
End at: 2018-01-09 23:13:22

# Below is generated by plot.py at 2018-01-10 02:27:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 184.93 Mbit/s
95th percentile per-packet one-way delay: 57.941 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 91.12 Mbit/s
95th percentile per-packet one-way delay: 57.440 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 59.385 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 113.41 Mbit/s
95th percentile per-packet one-way delay: 55.969 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Cubic — Data Link



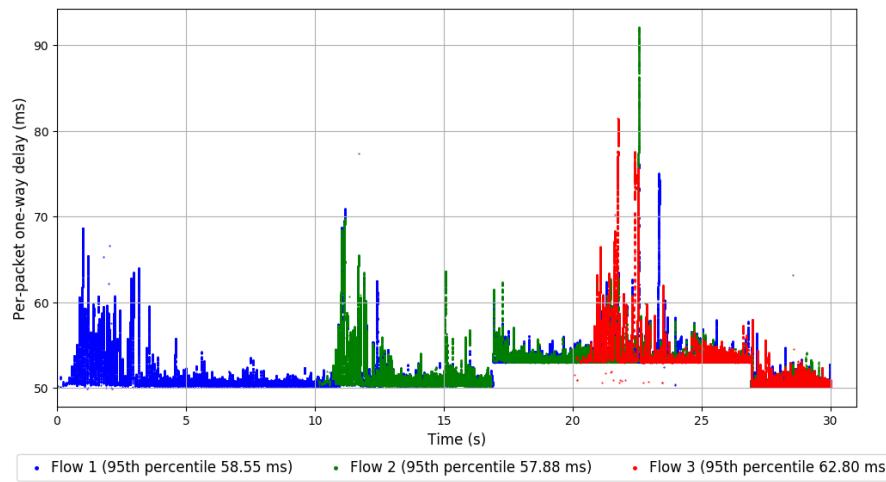
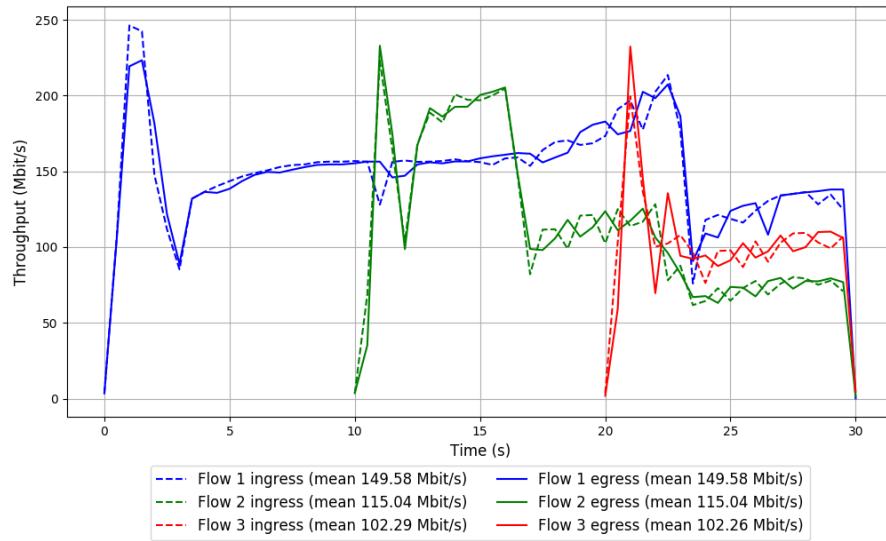
```
Run 5: Statistics of TCP Cubic
```

```
Start at: 2018-01-09 23:26:41
```

```
End at: 2018-01-09 23:27:11
```

```
# Below is generated by plot.py at 2018-01-10 02:27:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 260.09 Mbit/s
95th percentile per-packet one-way delay: 59.050 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 149.58 Mbit/s
95th percentile per-packet one-way delay: 58.553 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 115.04 Mbit/s
95th percentile per-packet one-way delay: 57.877 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 102.26 Mbit/s
95th percentile per-packet one-way delay: 62.795 ms
Loss rate: 0.04%
```

Run 5: Report of TCP Cubic — Data Link

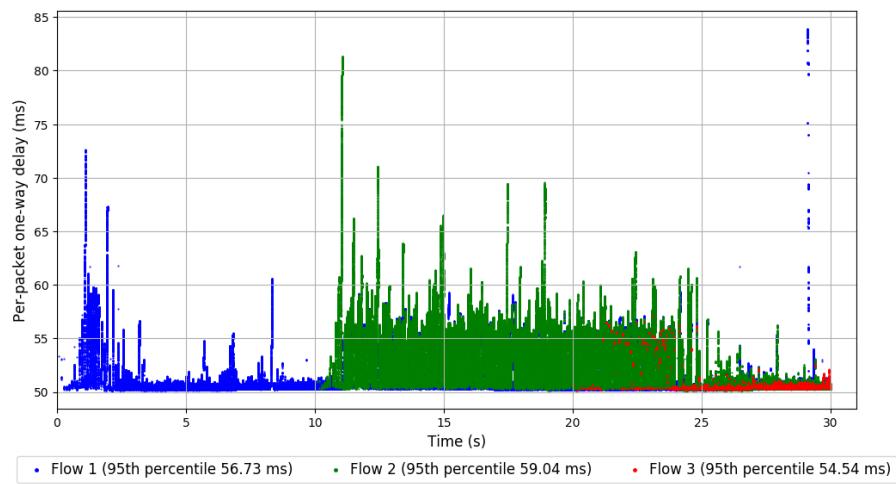
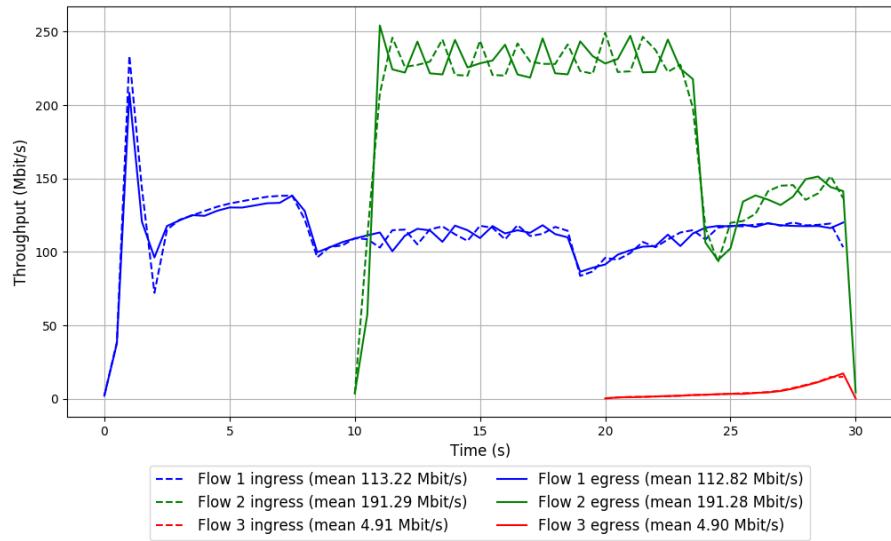


```
Run 6: Statistics of TCP Cubic

Start at: 2018-01-09 23:40:31
End at: 2018-01-09 23:41:01

# Below is generated by plot.py at 2018-01-10 02:27:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 241.74 Mbit/s
95th percentile per-packet one-way delay: 58.048 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 112.82 Mbit/s
95th percentile per-packet one-way delay: 56.731 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 191.28 Mbit/s
95th percentile per-packet one-way delay: 59.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 54.543 ms
Loss rate: 0.22%
```

Run 6: Report of TCP Cubic — Data Link

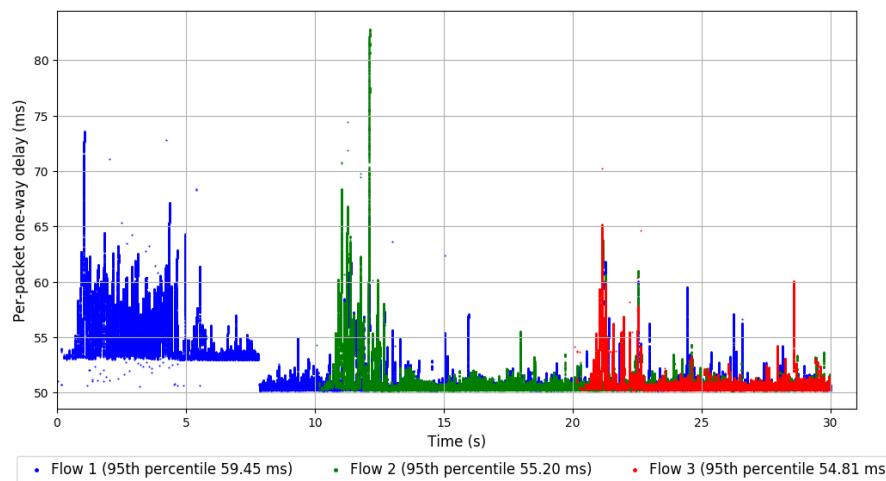
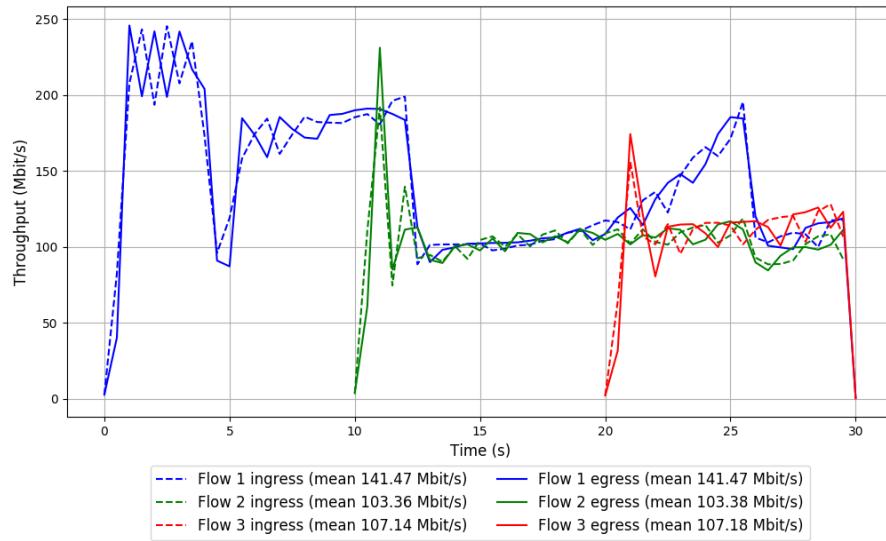


```
Run 7: Statistics of TCP Cubic

Start at: 2018-01-09 23:54:20
End at: 2018-01-09 23:54:50

# Below is generated by plot.py at 2018-01-10 02:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 245.73 Mbit/s
95th percentile per-packet one-way delay: 58.683 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 141.47 Mbit/s
95th percentile per-packet one-way delay: 59.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.38 Mbit/s
95th percentile per-packet one-way delay: 55.196 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 107.18 Mbit/s
95th percentile per-packet one-way delay: 54.806 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Cubic — Data Link



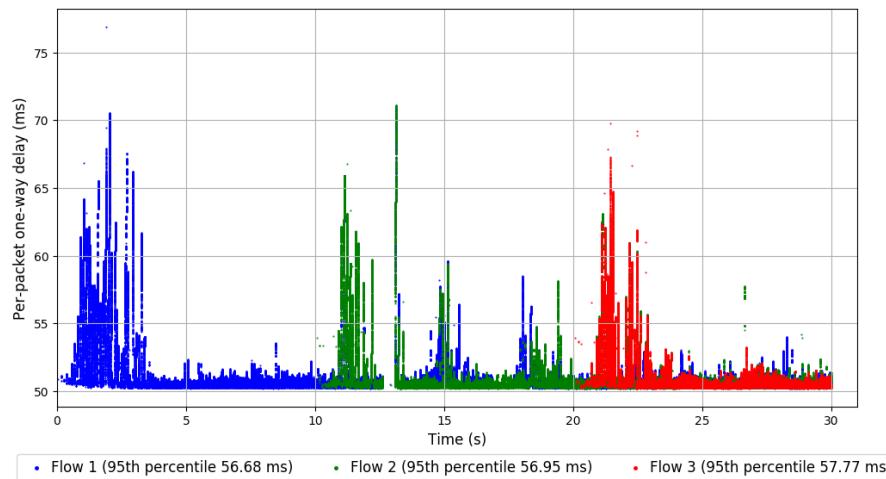
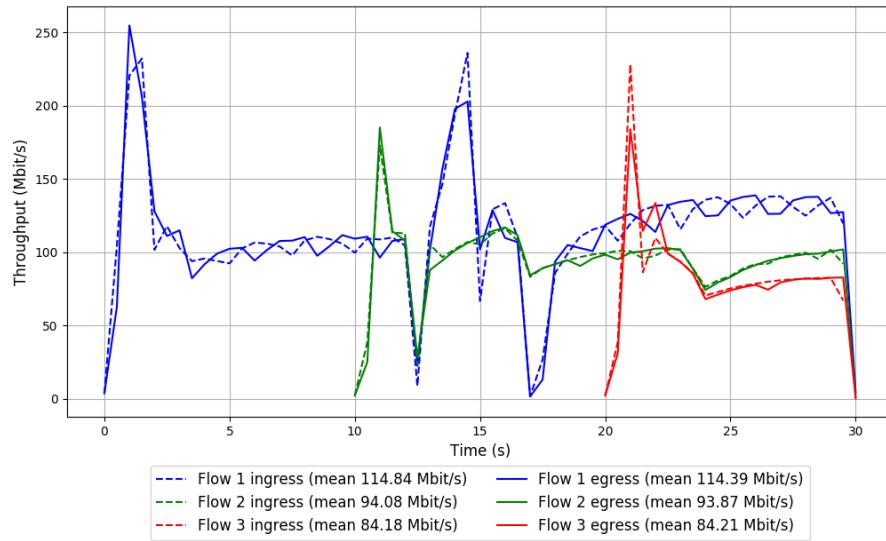
Run 8: Statistics of TCP Cubic

Start at: 2018-01-10 00:07:54

End at: 2018-01-10 00:08:24

```
# Below is generated by plot.py at 2018-01-10 02:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.73 Mbit/s
95th percentile per-packet one-way delay: 56.927 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 114.39 Mbit/s
95th percentile per-packet one-way delay: 56.683 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 56.951 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 57.775 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Cubic — Data Link



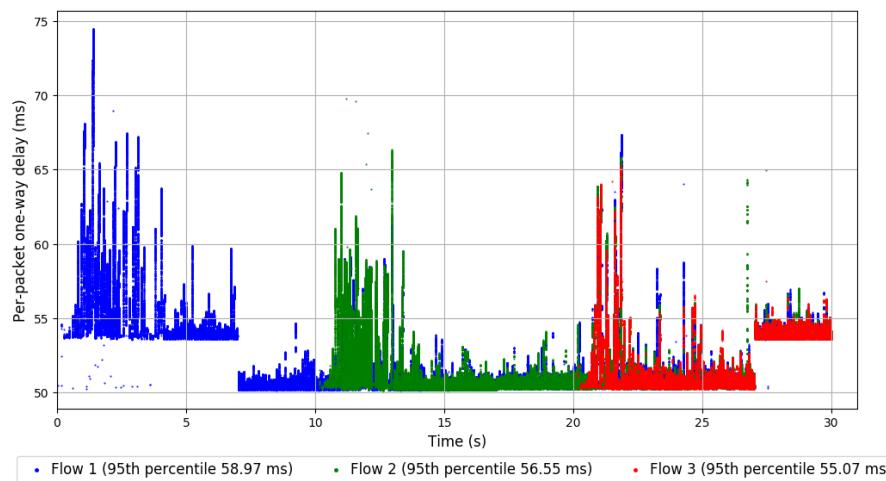
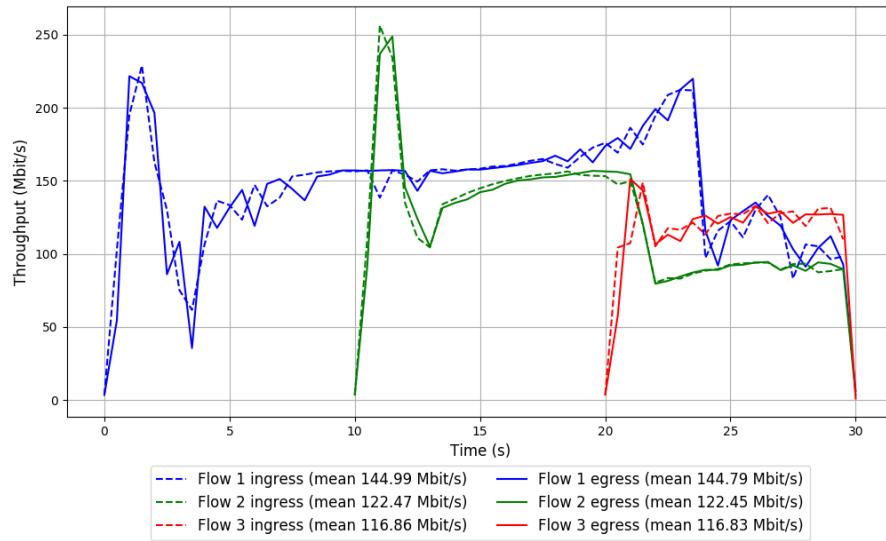
Run 9: Statistics of TCP Cubic

Start at: 2018-01-10 00:22:01

End at: 2018-01-10 00:22:31

```
# Below is generated by plot.py at 2018-01-10 02:30:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 265.04 Mbit/s
95th percentile per-packet one-way delay: 57.805 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 144.79 Mbit/s
95th percentile per-packet one-way delay: 58.968 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 122.45 Mbit/s
95th percentile per-packet one-way delay: 56.553 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 116.83 Mbit/s
95th percentile per-packet one-way delay: 55.070 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Cubic — Data Link



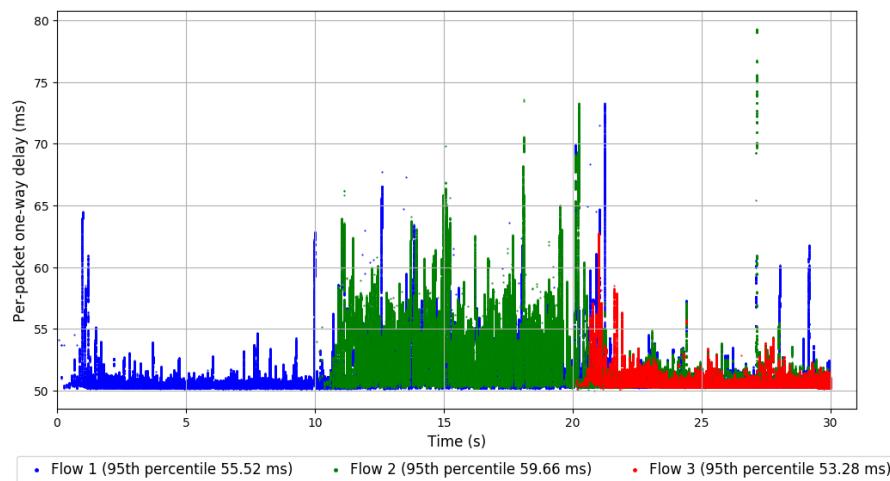
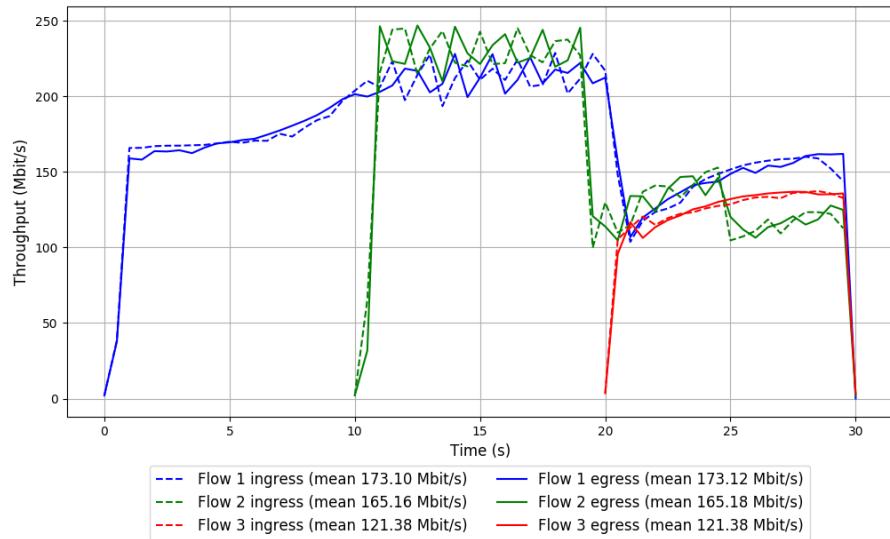
```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-01-10 00:36:09
```

```
End at: 2018-01-10 00:36:39
```

```
# Below is generated by plot.py at 2018-01-10 02:31:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 323.40 Mbit/s
95th percentile per-packet one-way delay: 57.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 173.12 Mbit/s
95th percentile per-packet one-way delay: 55.518 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.18 Mbit/s
95th percentile per-packet one-way delay: 59.660 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.38 Mbit/s
95th percentile per-packet one-way delay: 53.280 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Cubic — Data Link

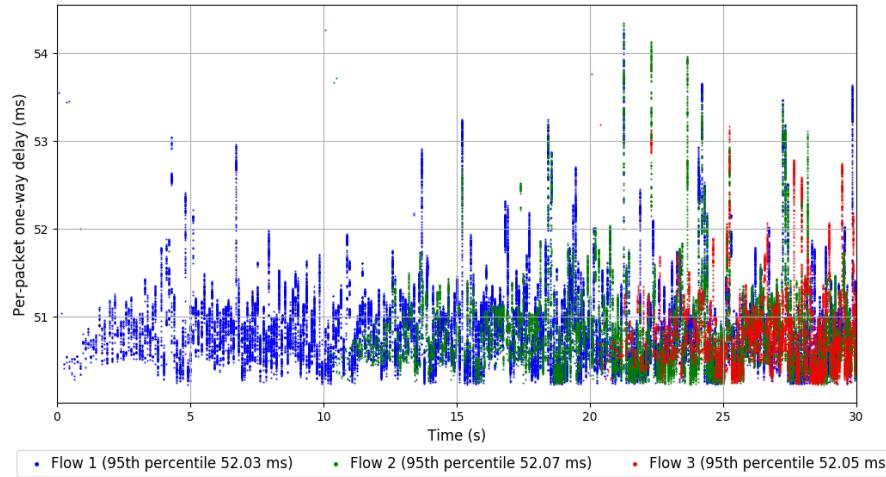
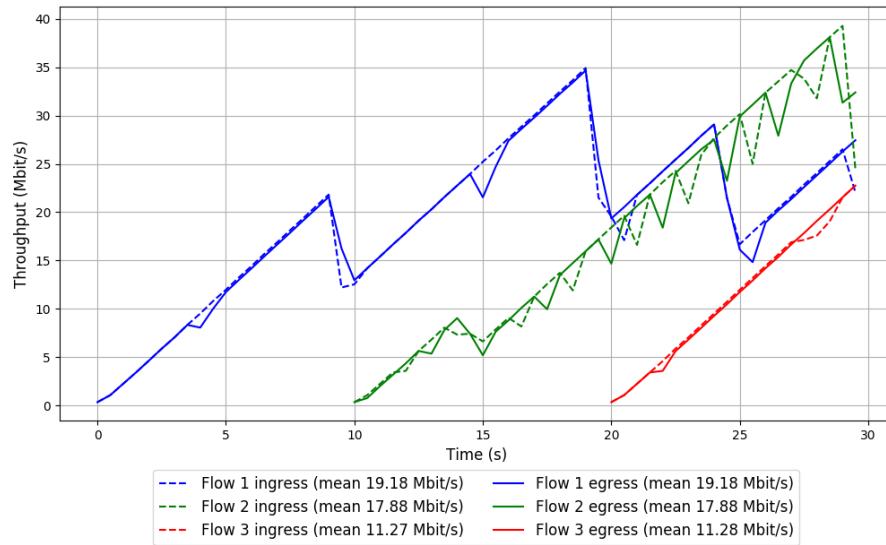


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-09 22:27:15
End at: 2018-01-09 22:27:45

# Below is generated by plot.py at 2018-01-10 02:31:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.77 Mbit/s
95th percentile per-packet one-way delay: 52.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 52.031 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 52.069 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 52.045 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

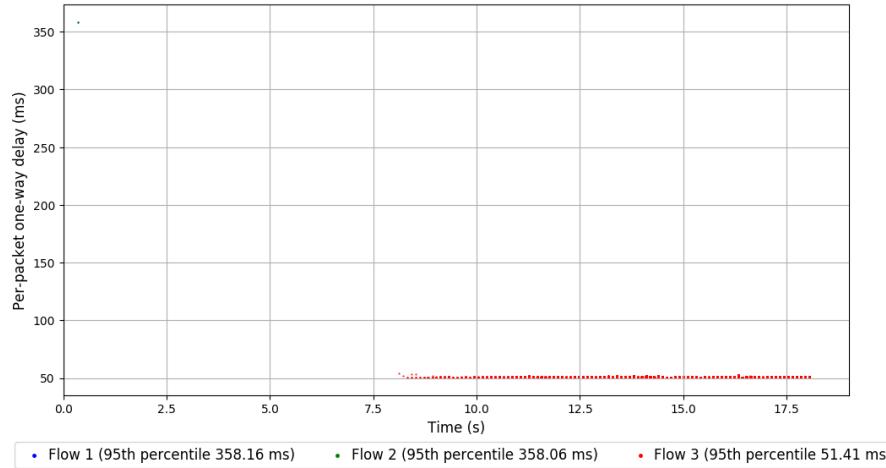
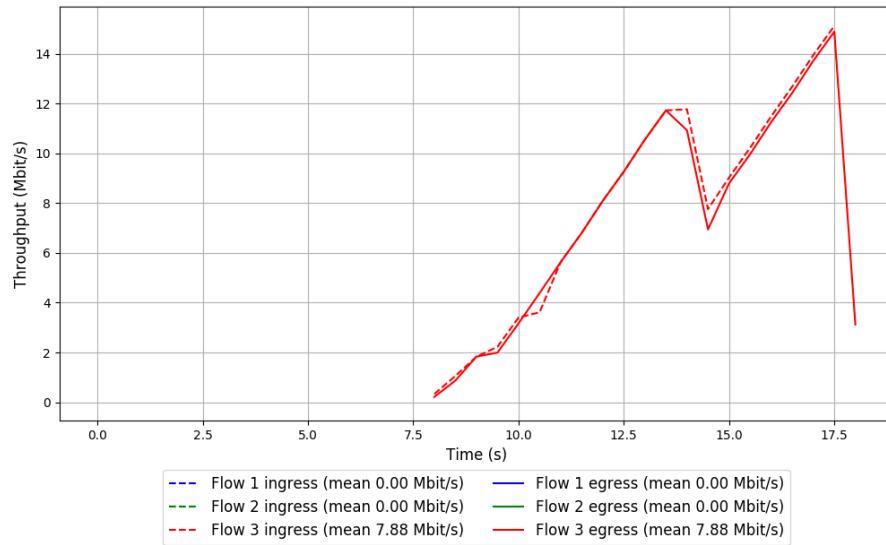


Run 2: Statistics of LEDBAT

Start at: 2018-01-09 22:41:00

End at: 2018-01-09 22:41:30

Run 2: Report of LEDBAT — Data Link

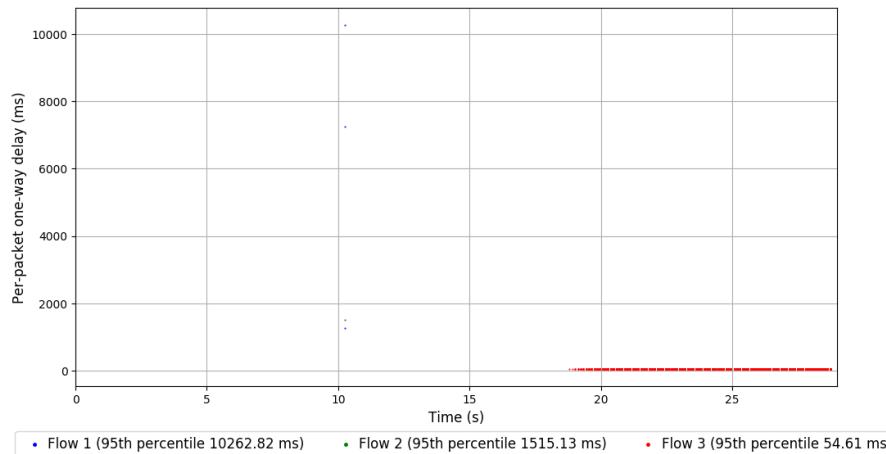
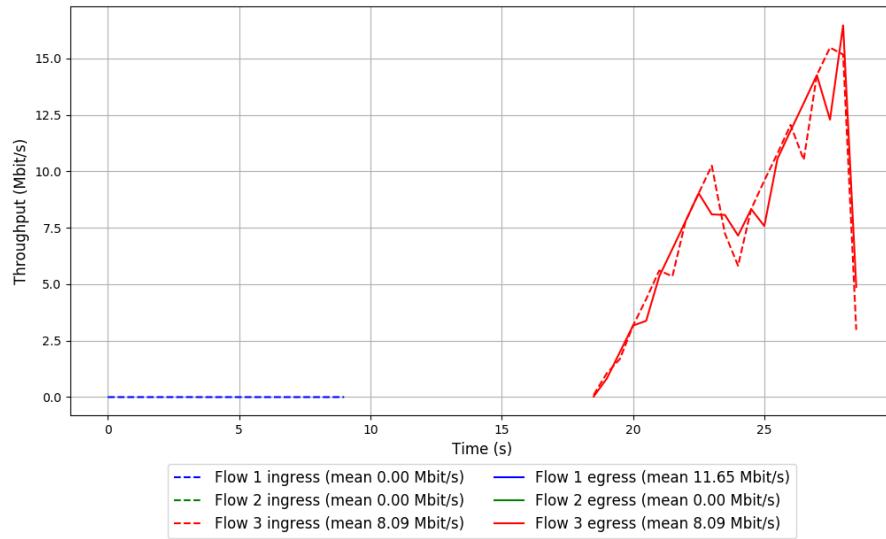


Run 3: Statistics of LEDBAT

Start at: 2018-01-09 22:54:48

End at: 2018-01-09 22:55:18

Run 3: Report of LEDBAT — Data Link



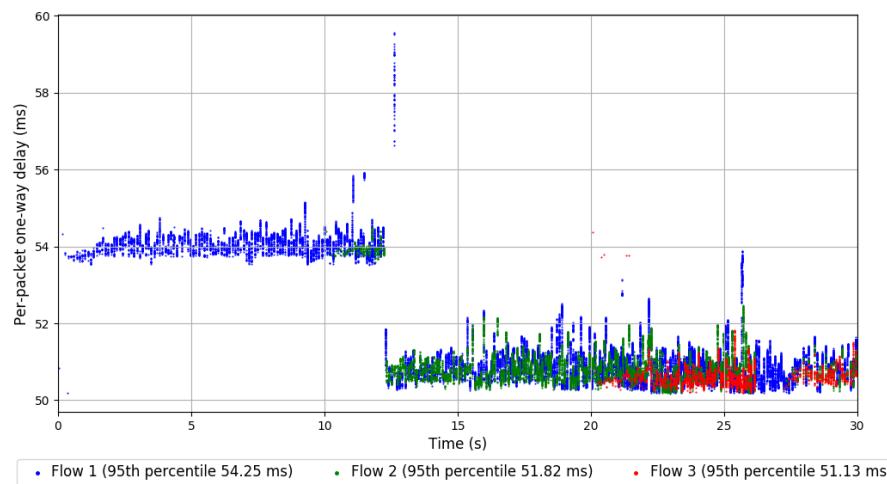
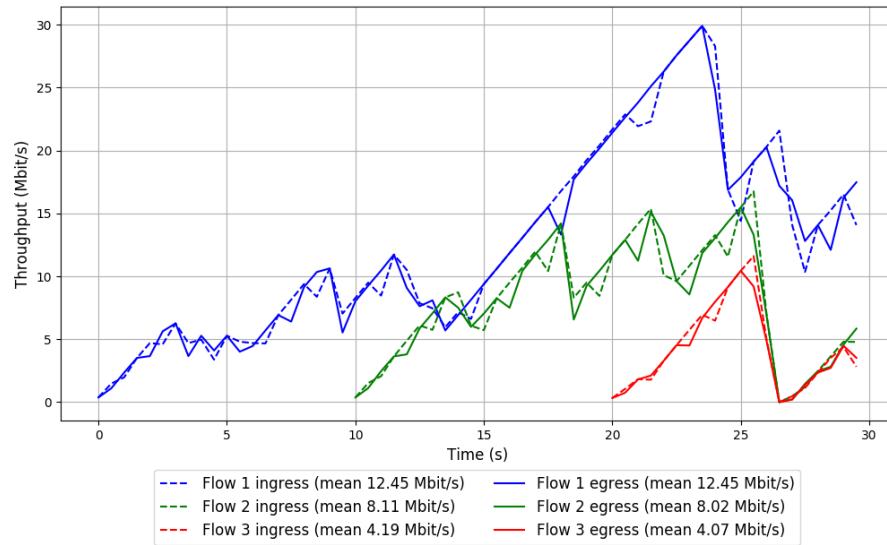
Run 4: Statistics of LEDBAT

Start at: 2018-01-09 23:08:36

End at: 2018-01-09 23:09:06

```
# Below is generated by plot.py at 2018-01-10 02:31:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.13 Mbit/s
95th percentile per-packet one-way delay: 54.161 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 54.253 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 51.822 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 51.133 ms
Loss rate: 3.06%
```

Run 4: Report of LEDBAT — Data Link

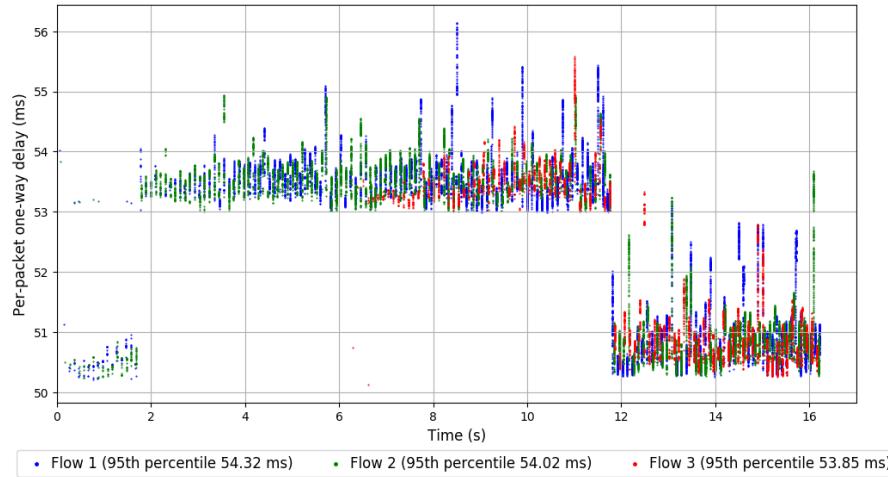
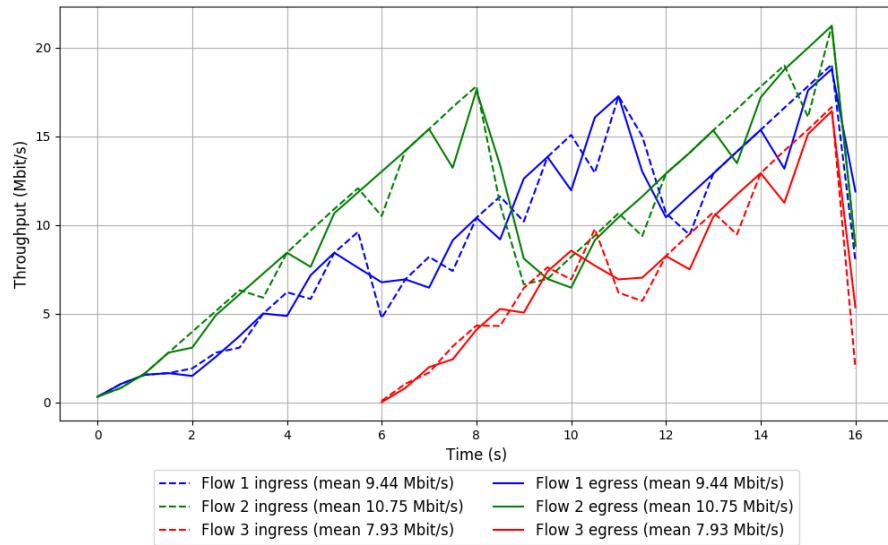


Run 5: Statistics of LEDBAT

Start at: 2018-01-09 23:22:33

End at: 2018-01-09 23:23:03

Run 5: Report of LEDBAT — Data Link

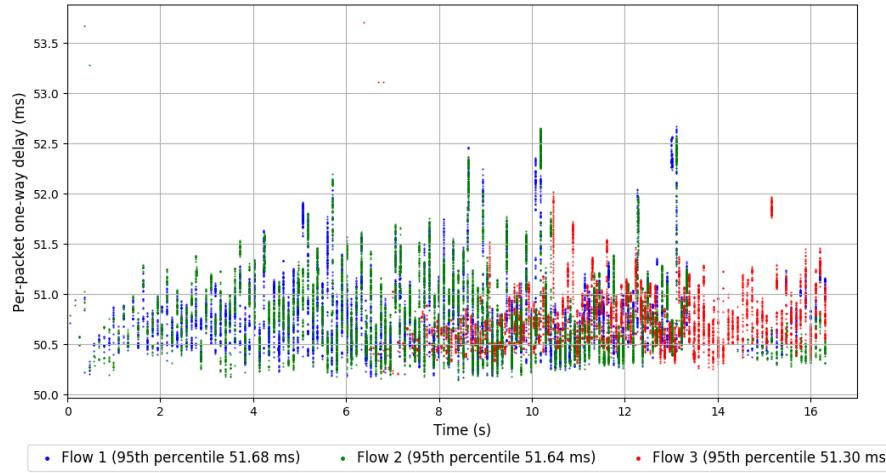
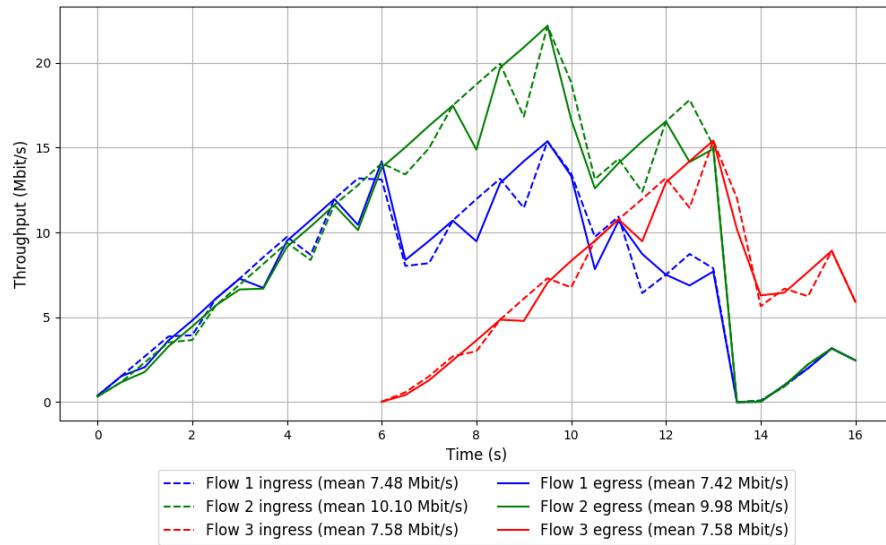


Run 6: Statistics of LEDBAT

Start at: 2018-01-09 23:36:24

End at: 2018-01-09 23:36:54

Run 6: Report of LEDBAT — Data Link

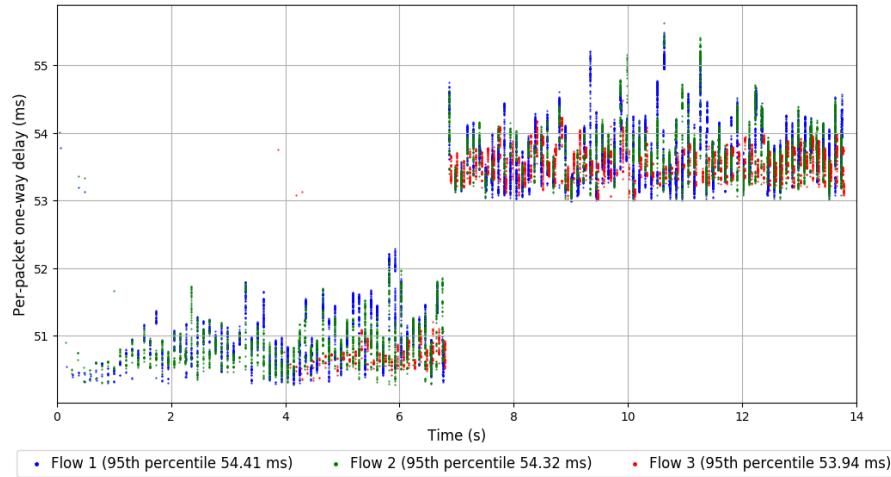
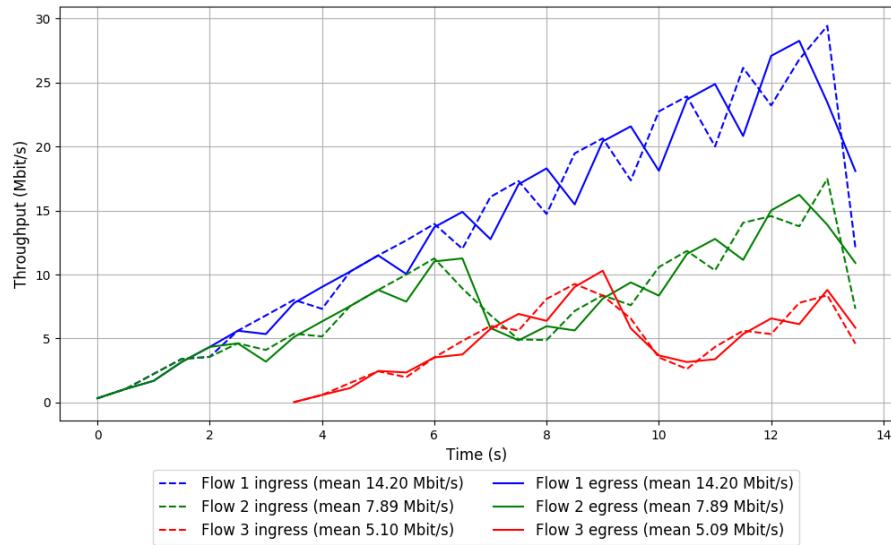


Run 7: Statistics of LEDBAT

Start at: 2018-01-09 23:50:15

End at: 2018-01-09 23:50:45

Run 7: Report of LEDBAT — Data Link

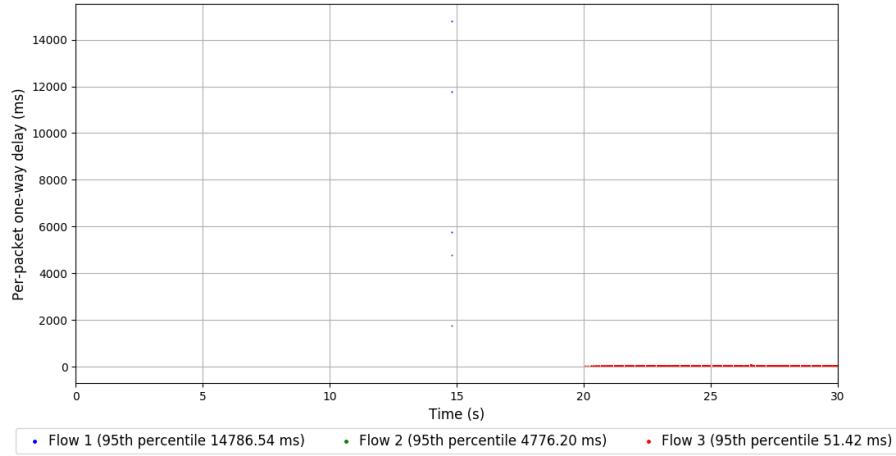
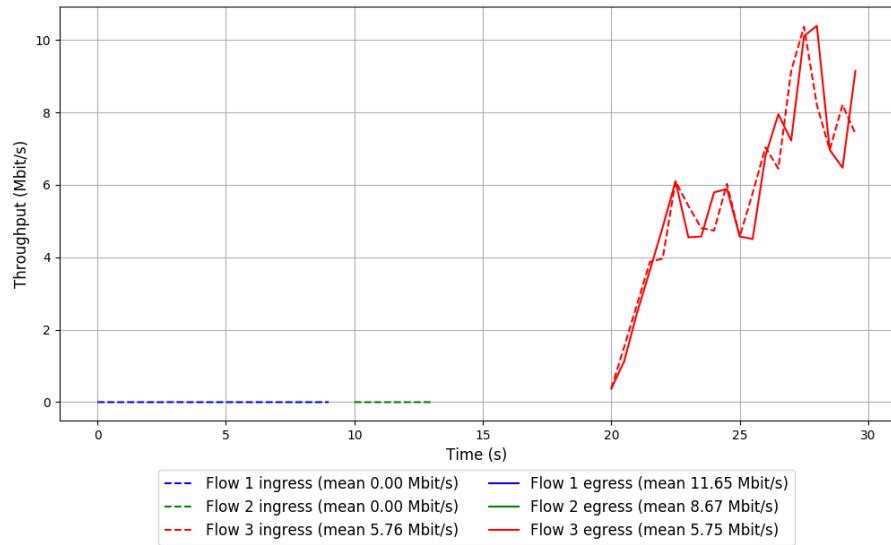


Run 8: Statistics of LEDBAT

Start at: 2018-01-10 00:04:01

End at: 2018-01-10 00:04:31

Run 8: Report of LEDBAT — Data Link

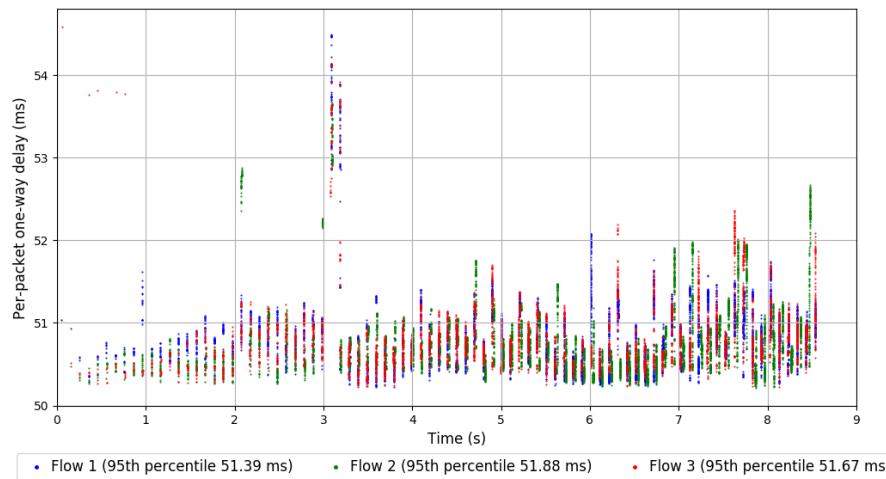
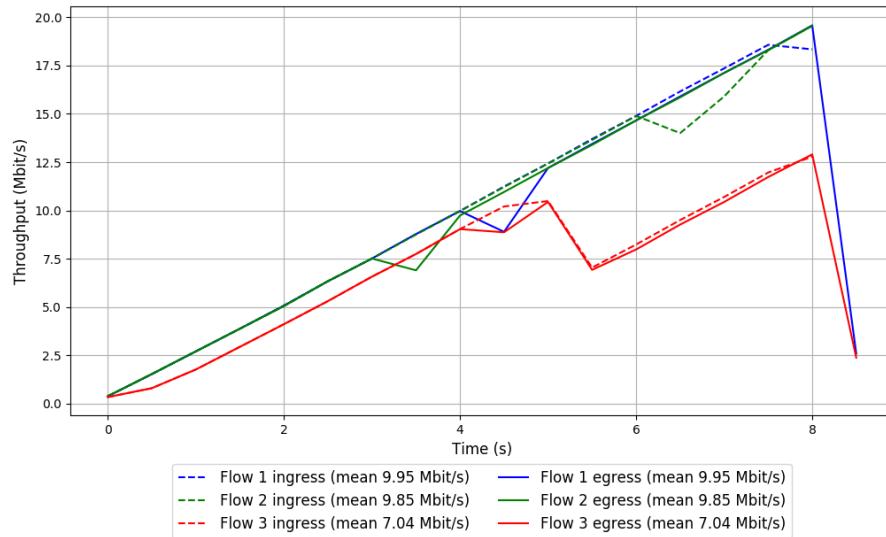


Run 9: Statistics of LEDBAT

Start at: 2018-01-10 00:17:38

End at: 2018-01-10 00:18:08

Run 9: Report of LEDBAT — Data Link



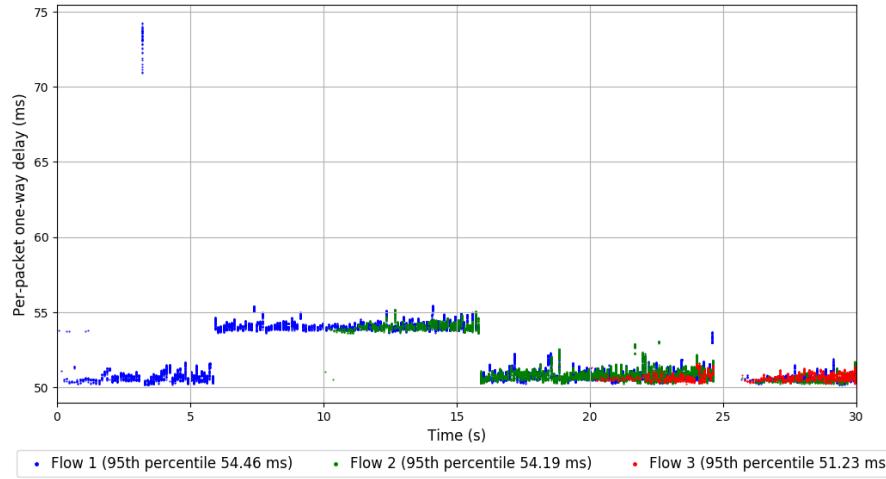
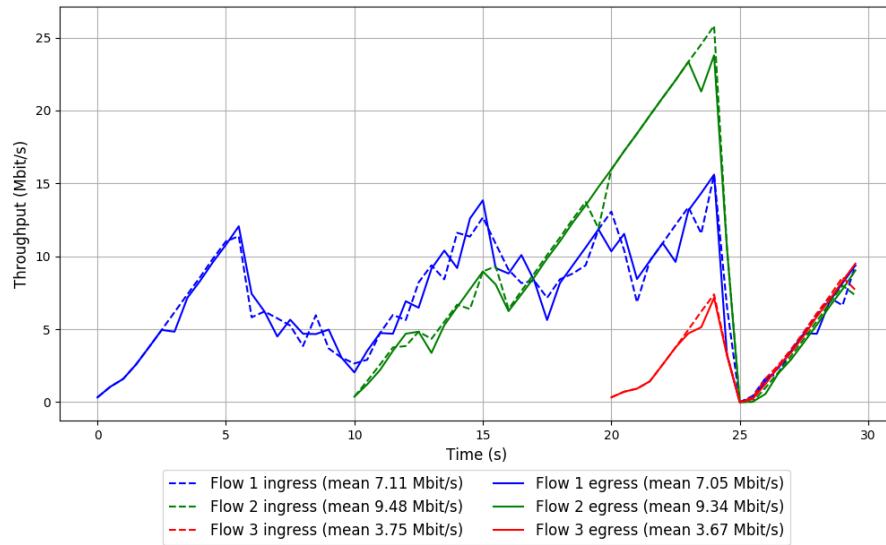
```
Run 10: Statistics of LEDBAT
```

```
Start at: 2018-01-10 00:31:42
```

```
End at: 2018-01-10 00:32:12
```

```
# Below is generated by plot.py at 2018-01-10 02:31:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 54.299 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 54.457 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 54.186 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 51.230 ms
Loss rate: 2.28%
```

Run 10: Report of LEDBAT — Data Link

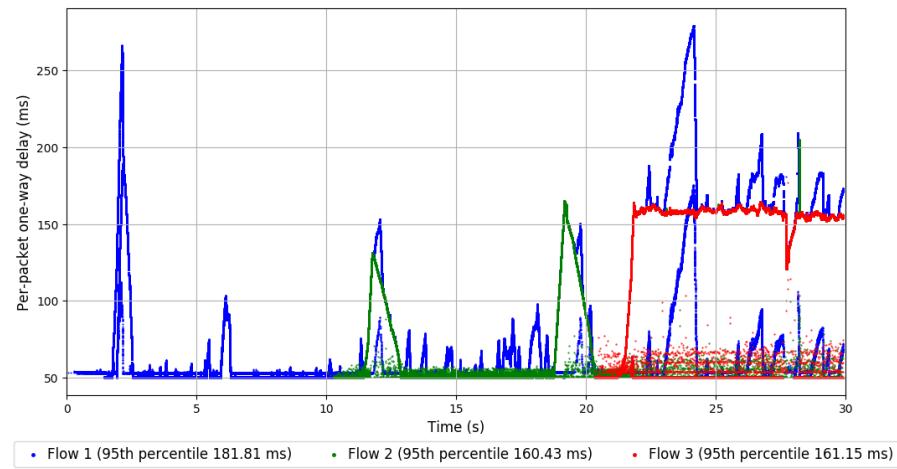
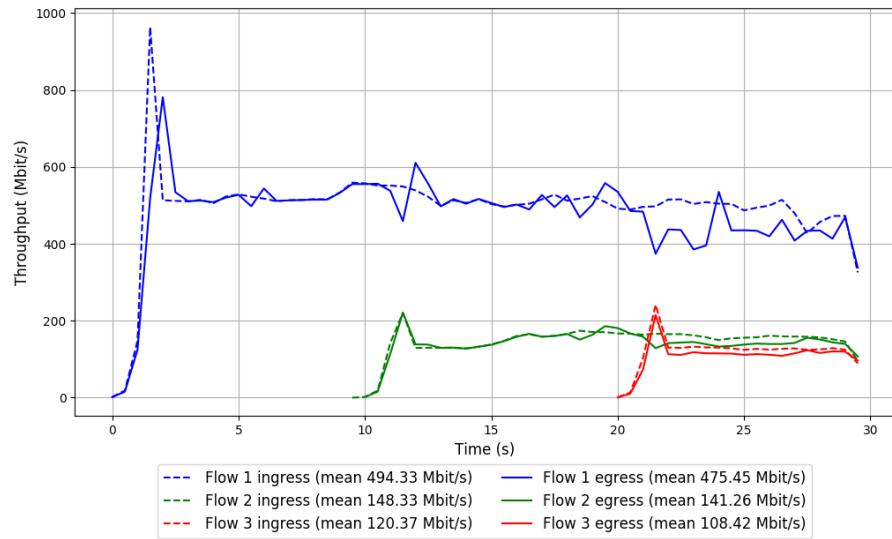


```
Run 1: Statistics of PCC

Start at: 2018-01-09 22:27:57
End at: 2018-01-09 22:28:27

# Below is generated by plot.py at 2018-01-10 02:37:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 604.94 Mbit/s
95th percentile per-packet one-way delay: 178.748 ms
Loss rate: 4.36%
-- Flow 1:
Average throughput: 475.45 Mbit/s
95th percentile per-packet one-way delay: 181.810 ms
Loss rate: 3.82%
-- Flow 2:
Average throughput: 141.26 Mbit/s
95th percentile per-packet one-way delay: 160.431 ms
Loss rate: 4.76%
-- Flow 3:
Average throughput: 108.42 Mbit/s
95th percentile per-packet one-way delay: 161.151 ms
Loss rate: 10.16%
```

Run 1: Report of PCC — Data Link



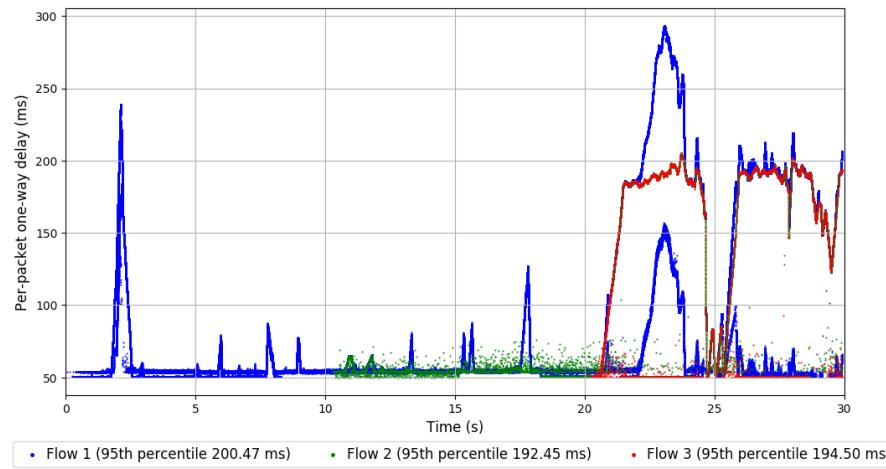
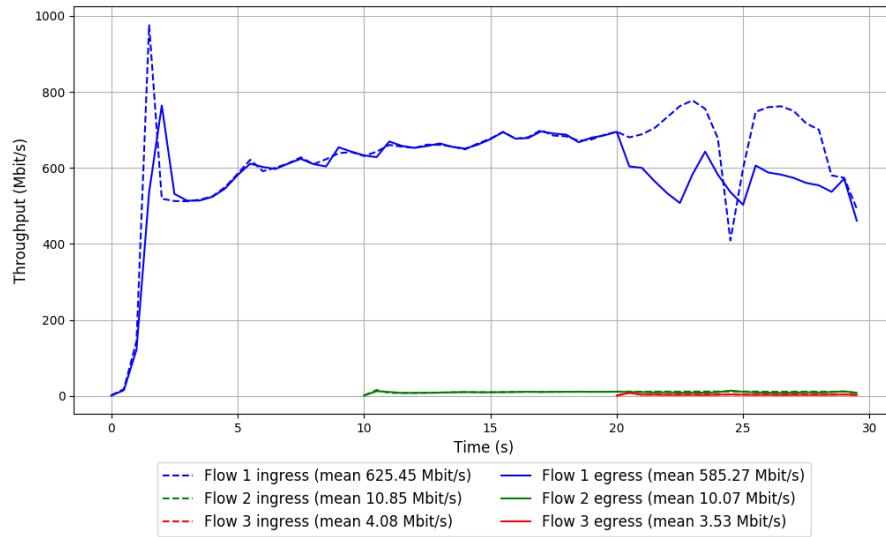
Run 2: Statistics of PCC

Start at: 2018-01-09 22:41:40

End at: 2018-01-09 22:42:10

```
# Below is generated by plot.py at 2018-01-10 02:37:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 593.10 Mbit/s
95th percentile per-packet one-way delay: 199.980 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 585.27 Mbit/s
95th percentile per-packet one-way delay: 200.471 ms
Loss rate: 6.42%
-- Flow 2:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 192.450 ms
Loss rate: 7.20%
-- Flow 3:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: 194.495 ms
Loss rate: 13.39%
```

Run 2: Report of PCC — Data Link



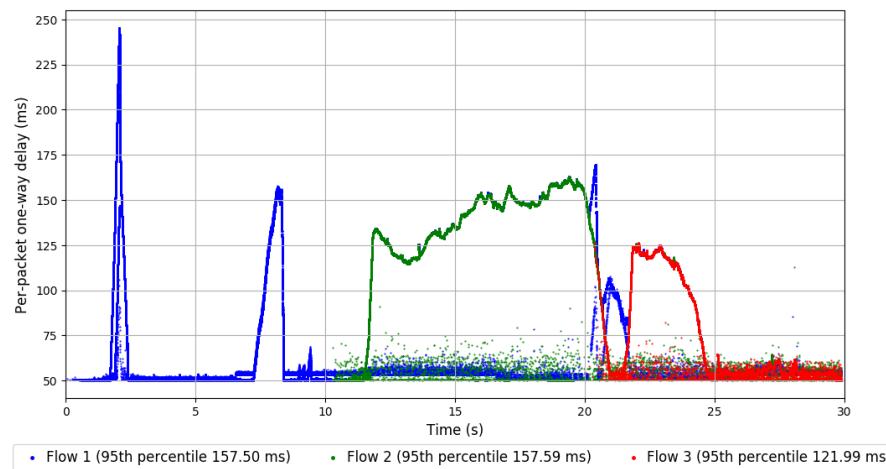
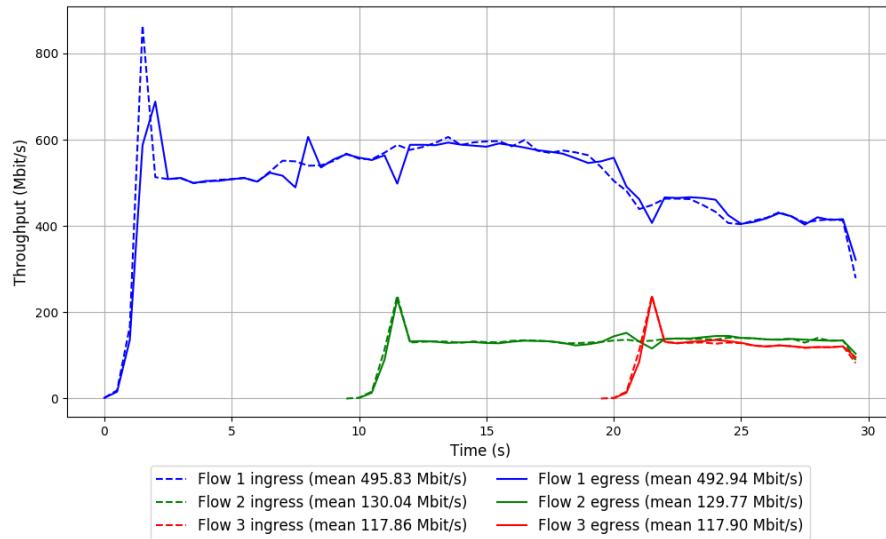
Run 3: Statistics of PCC

Start at: 2018-01-09 22:55:28

End at: 2018-01-09 22:55:58

```
# Below is generated by plot.py at 2018-01-10 02:38:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 618.08 Mbit/s
95th percentile per-packet one-way delay: 157.285 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 492.94 Mbit/s
95th percentile per-packet one-way delay: 157.504 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 129.77 Mbit/s
95th percentile per-packet one-way delay: 157.589 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 117.90 Mbit/s
95th percentile per-packet one-way delay: 121.993 ms
Loss rate: 0.00%
```

Run 3: Report of PCC — Data Link



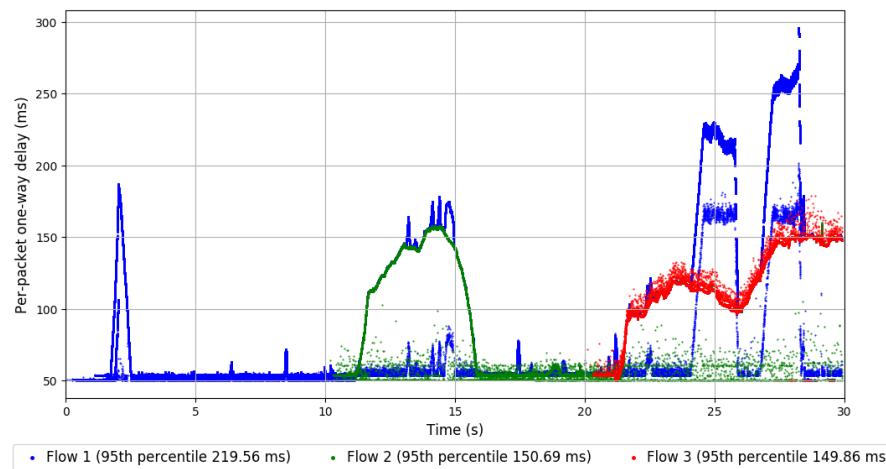
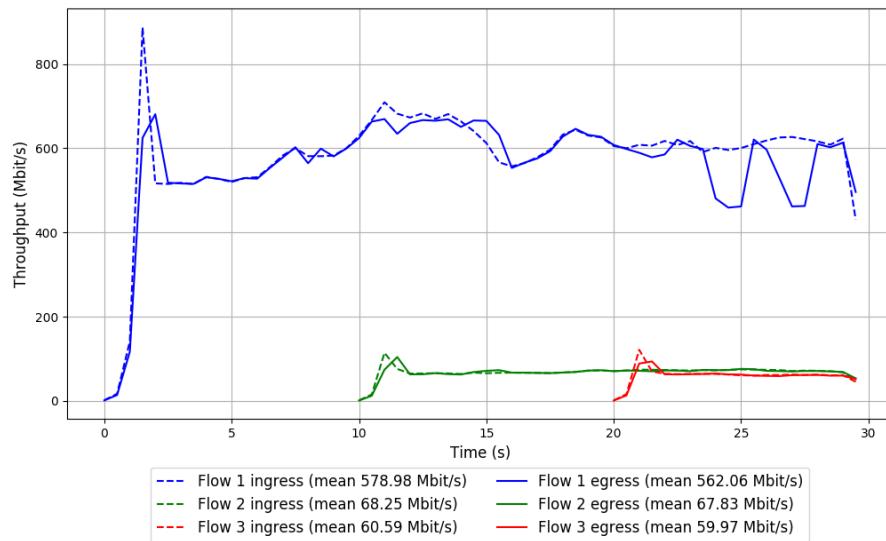
Run 4: Statistics of PCC

Start at: 2018-01-09 23:09:17

End at: 2018-01-09 23:09:47

```
# Below is generated by plot.py at 2018-01-10 02:38:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 626.84 Mbit/s
95th percentile per-packet one-way delay: 216.164 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 562.06 Mbit/s
95th percentile per-packet one-way delay: 219.562 ms
Loss rate: 2.91%
-- Flow 2:
Average throughput: 67.83 Mbit/s
95th percentile per-packet one-way delay: 150.695 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 149.858 ms
Loss rate: 1.21%
```

Run 4: Report of PCC — Data Link



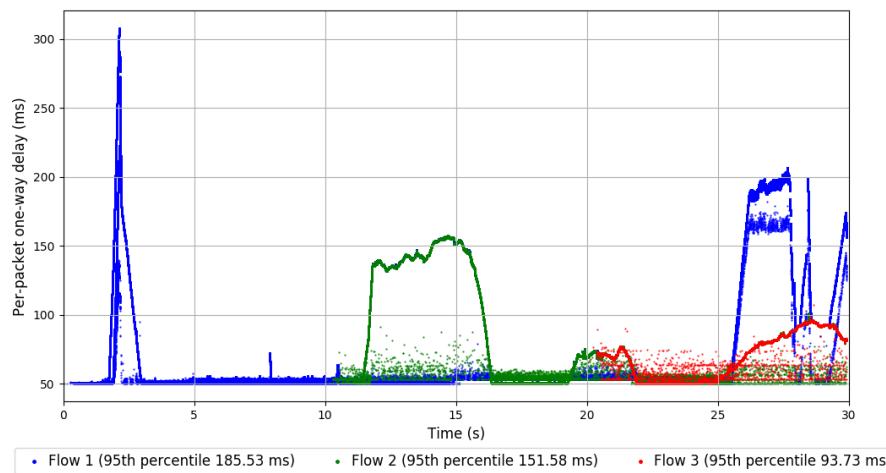
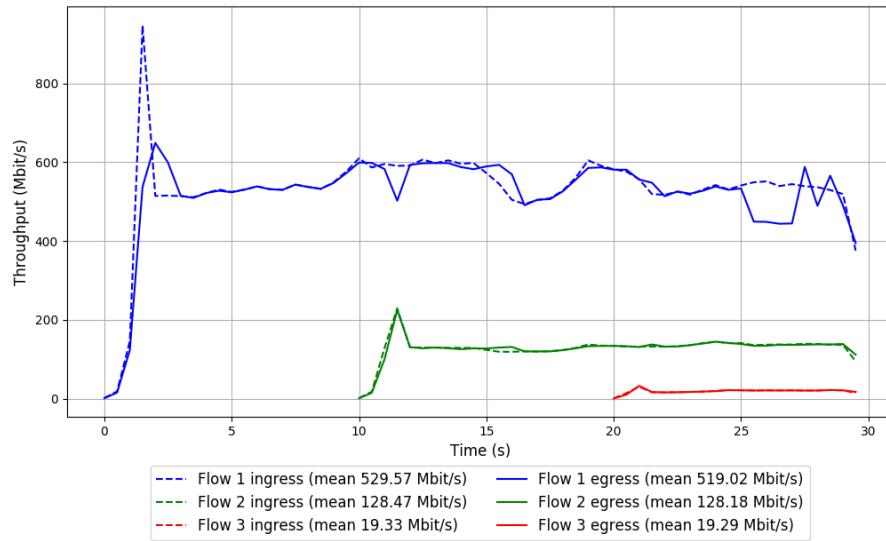
Run 5: Statistics of PCC

Start at: 2018-01-09 23:23:13

End at: 2018-01-09 23:23:43

```
# Below is generated by plot.py at 2018-01-10 02:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 610.55 Mbit/s
95th percentile per-packet one-way delay: 172.832 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 519.02 Mbit/s
95th percentile per-packet one-way delay: 185.530 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 128.18 Mbit/s
95th percentile per-packet one-way delay: 151.578 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 19.29 Mbit/s
95th percentile per-packet one-way delay: 93.729 ms
Loss rate: 0.30%
```

Run 5: Report of PCC — Data Link



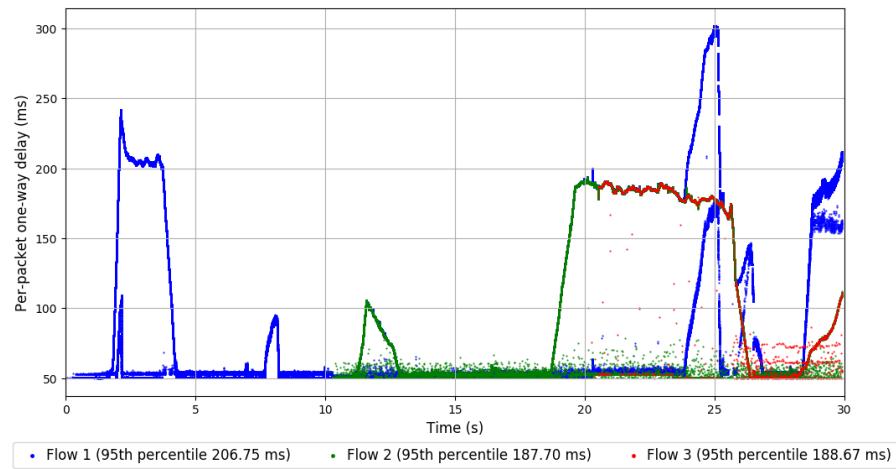
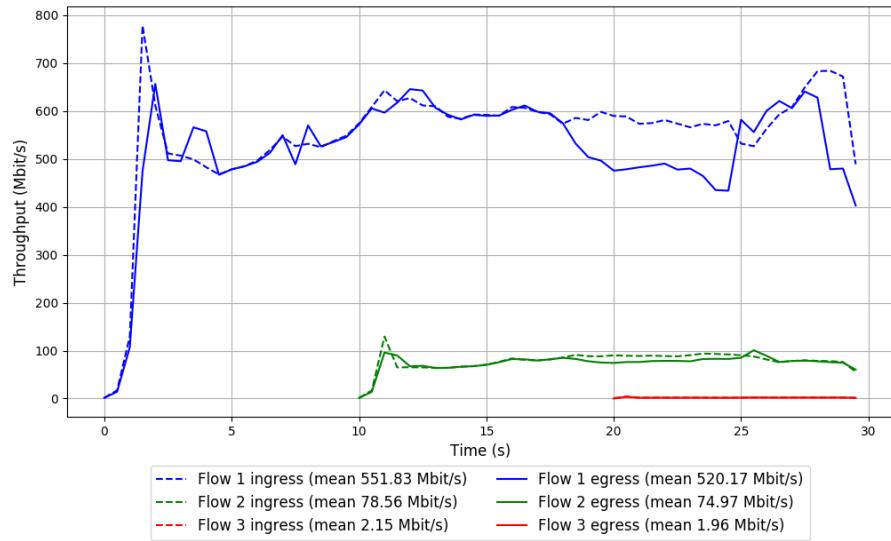
Run 6: Statistics of PCC

Start at: 2018-01-09 23:37:05

End at: 2018-01-09 23:37:35

```
# Below is generated by plot.py at 2018-01-10 02:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 570.61 Mbit/s
95th percentile per-packet one-way delay: 205.989 ms
Loss rate: 5.62%
-- Flow 1:
Average throughput: 520.17 Mbit/s
95th percentile per-packet one-way delay: 206.745 ms
Loss rate: 5.72%
-- Flow 2:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 187.698 ms
Loss rate: 4.56%
-- Flow 3:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 188.669 ms
Loss rate: 8.94%
```

Run 6: Report of PCC — Data Link

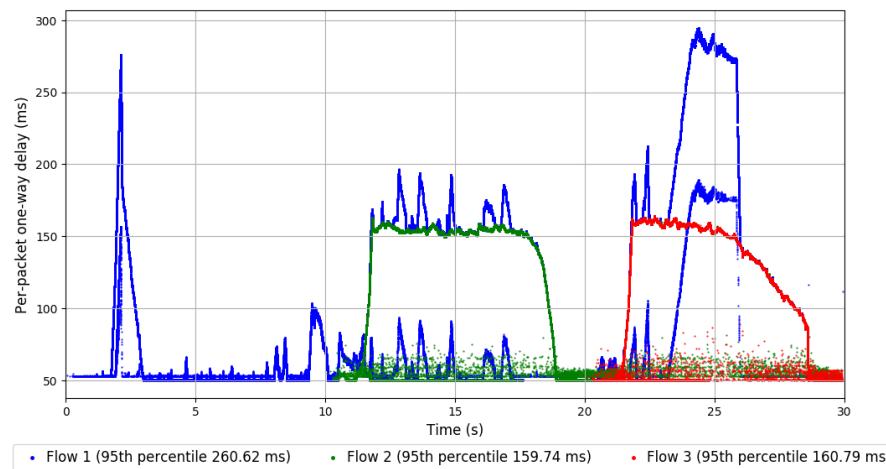
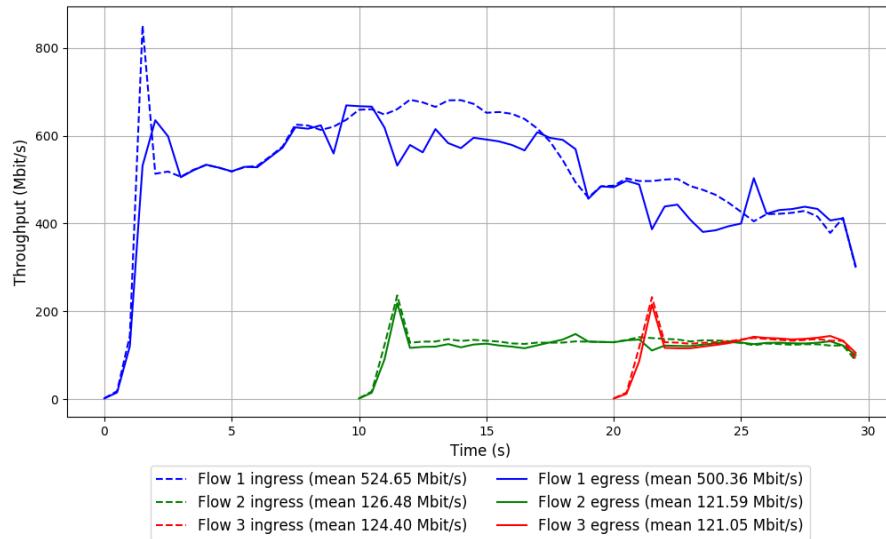


Run 7: Statistics of PCC

Start at: 2018-01-09 23:50:56
End at: 2018-01-09 23:51:26

```
# Below is generated by plot.py at 2018-01-10 02:41:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 620.99 Mbit/s
95th percentile per-packet one-way delay: 213.564 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 500.36 Mbit/s
95th percentile per-packet one-way delay: 260.617 ms
Loss rate: 4.59%
-- Flow 2:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 159.735 ms
Loss rate: 3.89%
-- Flow 3:
Average throughput: 121.05 Mbit/s
95th percentile per-packet one-way delay: 160.790 ms
Loss rate: 2.73%
```

Run 7: Report of PCC — Data Link



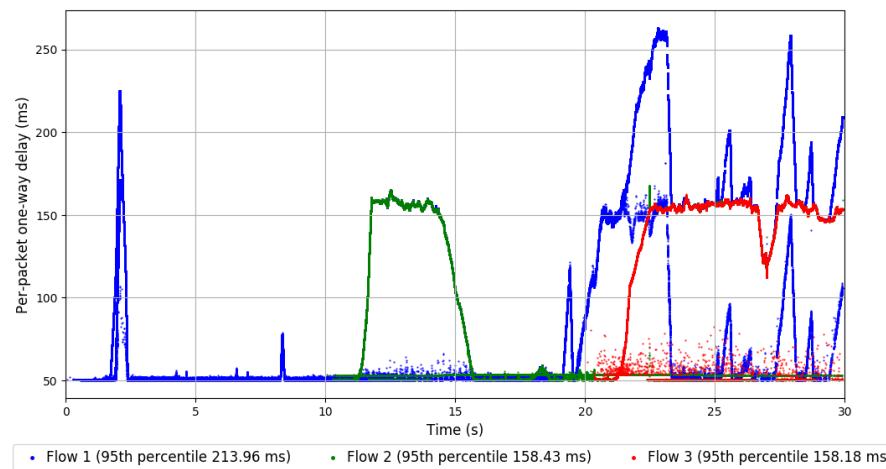
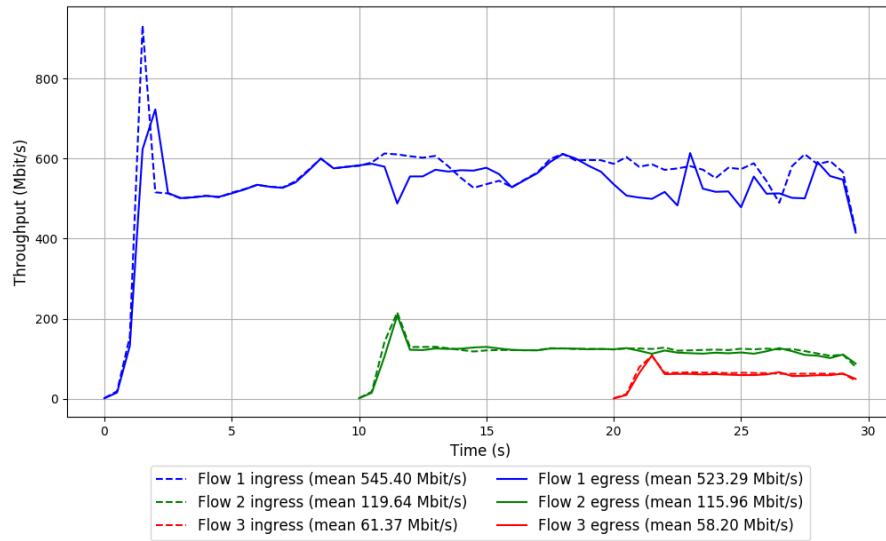
Run 8: Statistics of PCC

Start at: 2018-01-10 00:04:41

End at: 2018-01-10 00:05:11

```
# Below is generated by plot.py at 2018-01-10 02:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 619.43 Mbit/s
95th percentile per-packet one-way delay: 202.580 ms
Loss rate: 3.95%
-- Flow 1:
Average throughput: 523.29 Mbit/s
95th percentile per-packet one-way delay: 213.955 ms
Loss rate: 4.04%
-- Flow 2:
Average throughput: 115.96 Mbit/s
95th percentile per-packet one-way delay: 158.433 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 158.175 ms
Loss rate: 5.22%
```

Run 8: Report of PCC — Data Link



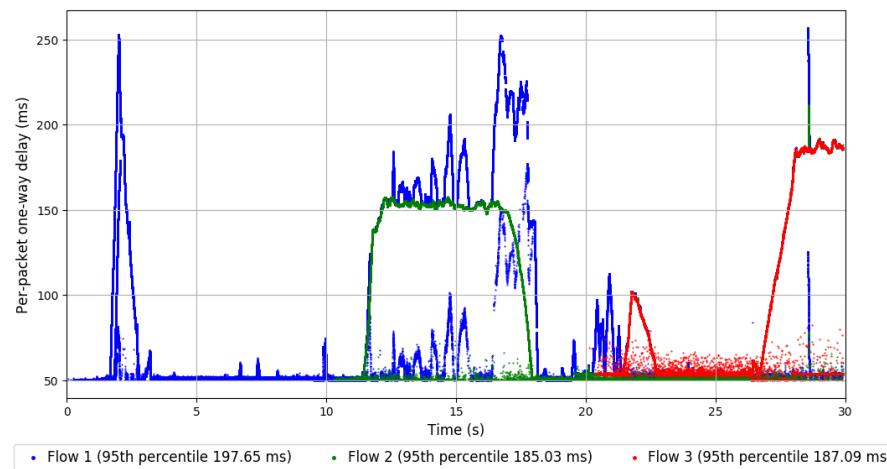
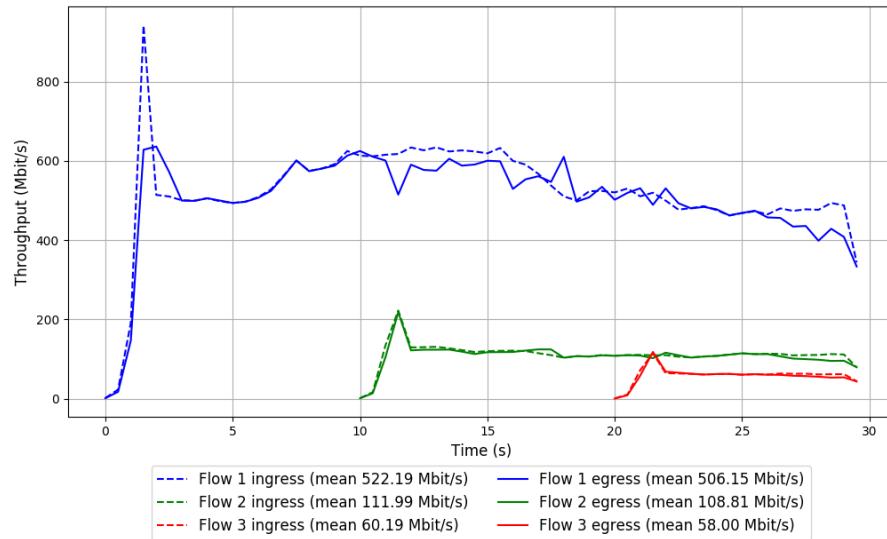
Run 9: Statistics of PCC

Start at: 2018-01-10 00:18:19

End at: 2018-01-10 00:18:49

```
# Below is generated by plot.py at 2018-01-10 02:48:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 597.48 Mbit/s
95th percentile per-packet one-way delay: 191.536 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 506.15 Mbit/s
95th percentile per-packet one-way delay: 197.648 ms
Loss rate: 3.06%
-- Flow 2:
Average throughput: 108.81 Mbit/s
95th percentile per-packet one-way delay: 185.028 ms
Loss rate: 2.82%
-- Flow 3:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 187.091 ms
Loss rate: 3.79%
```

Run 9: Report of PCC — Data Link



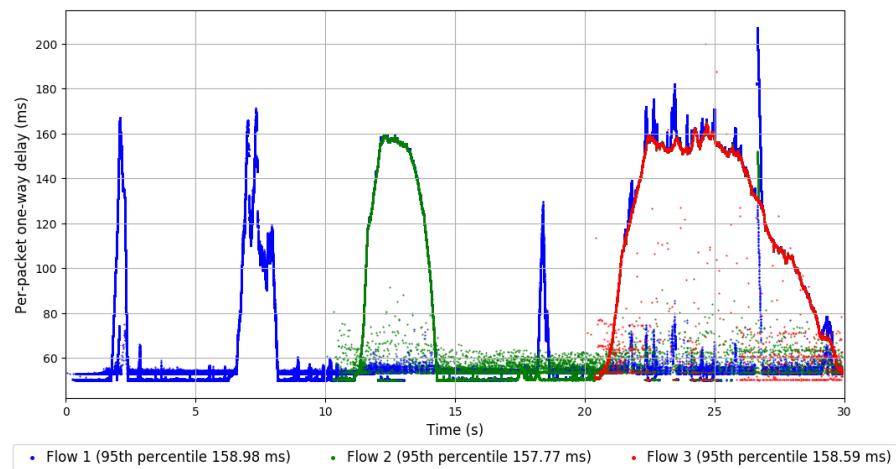
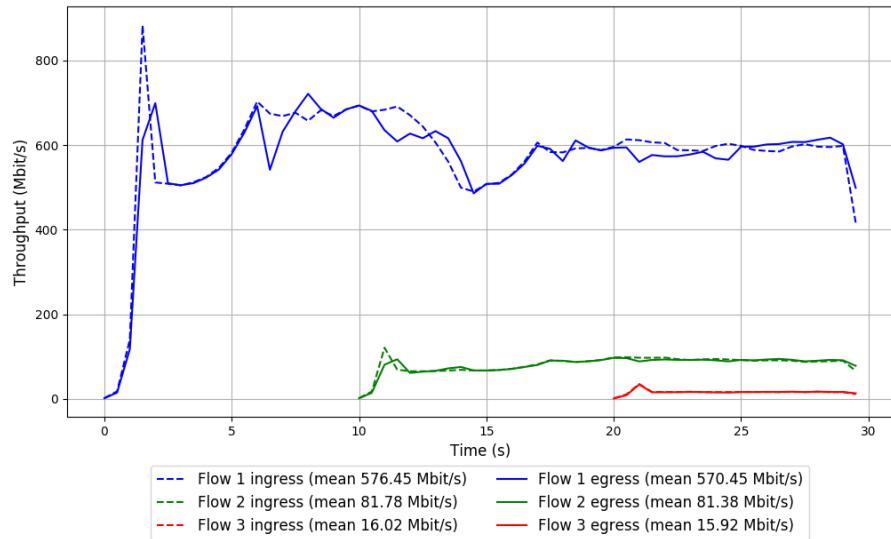
Run 10: Statistics of PCC

Start at: 2018-01-10 00:32:23

End at: 2018-01-10 00:32:53

```
# Below is generated by plot.py at 2018-01-10 02:49:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 629.67 Mbit/s
95th percentile per-packet one-way delay: 158.802 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 570.45 Mbit/s
95th percentile per-packet one-way delay: 158.982 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 81.38 Mbit/s
95th percentile per-packet one-way delay: 157.767 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 158.588 ms
Loss rate: 0.81%
```

Run 10: Report of PCC — Data Link

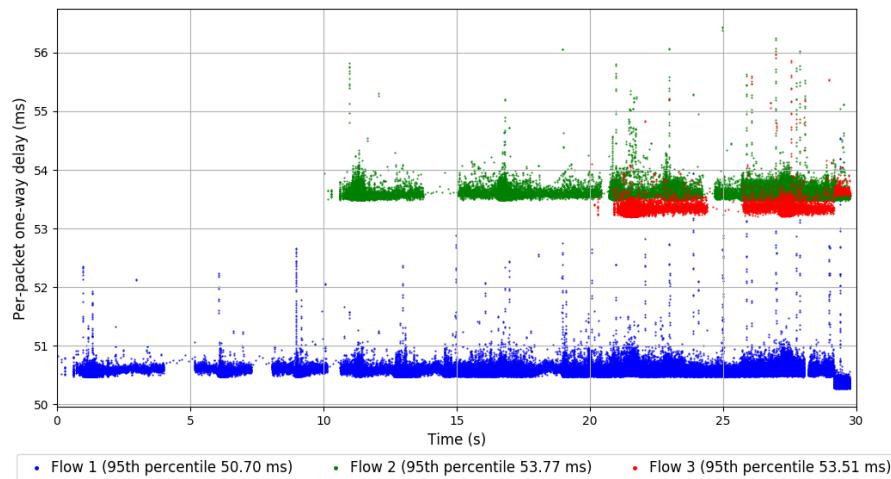
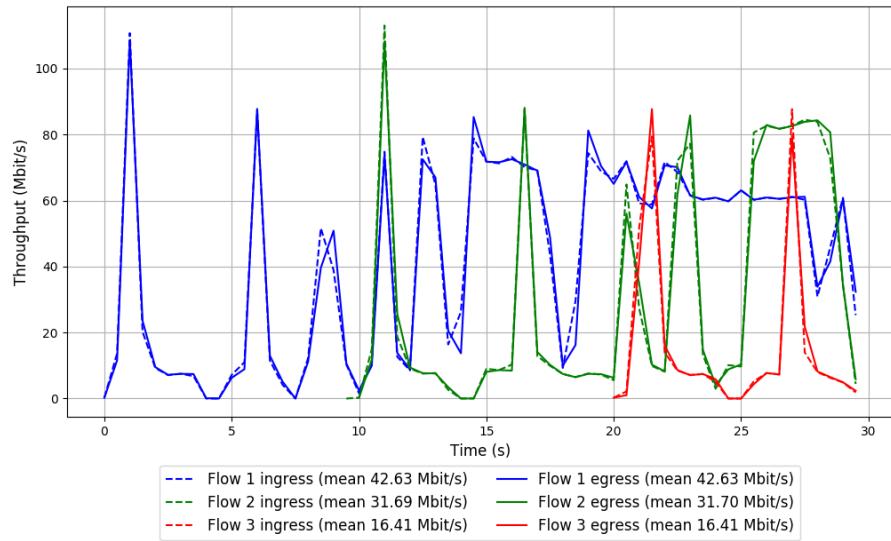


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-01-09 22:24:46
End at: 2018-01-09 22:25:16

# Below is generated by plot.py at 2018-01-10 02:49:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.02 Mbit/s
95th percentile per-packet one-way delay: 53.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 50.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 53.769 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 53.511 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link



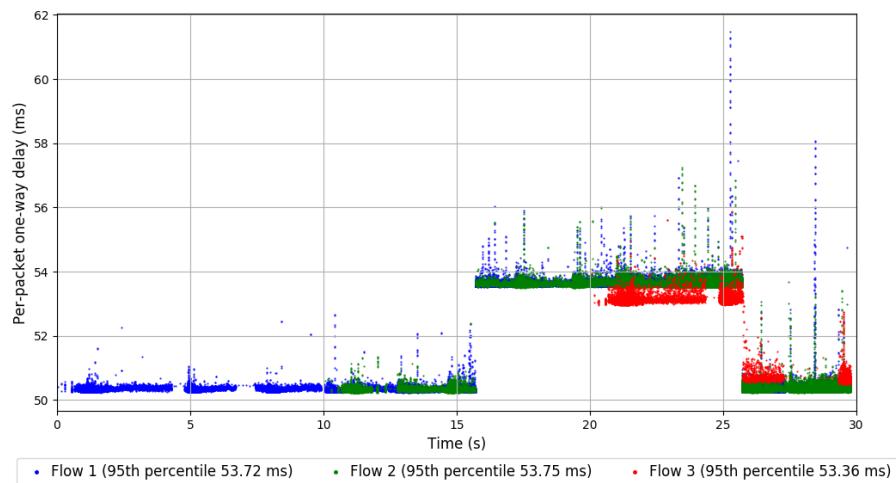
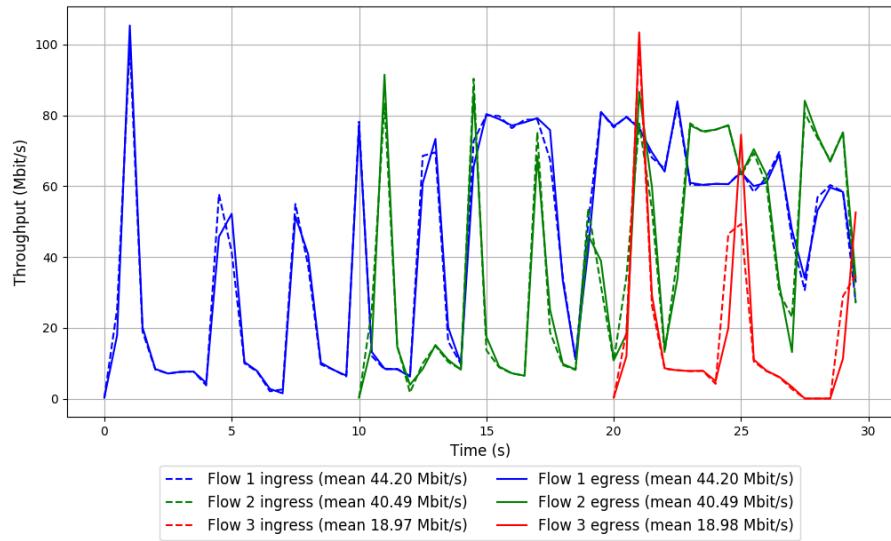
Run 2: Statistics of QUIC Cubic

Start at: 2018-01-09 22:38:32

End at: 2018-01-09 22:39:02

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 53.725 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.20 Mbit/s
95th percentile per-packet one-way delay: 53.724 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 53.746 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.98 Mbit/s
95th percentile per-packet one-way delay: 53.363 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

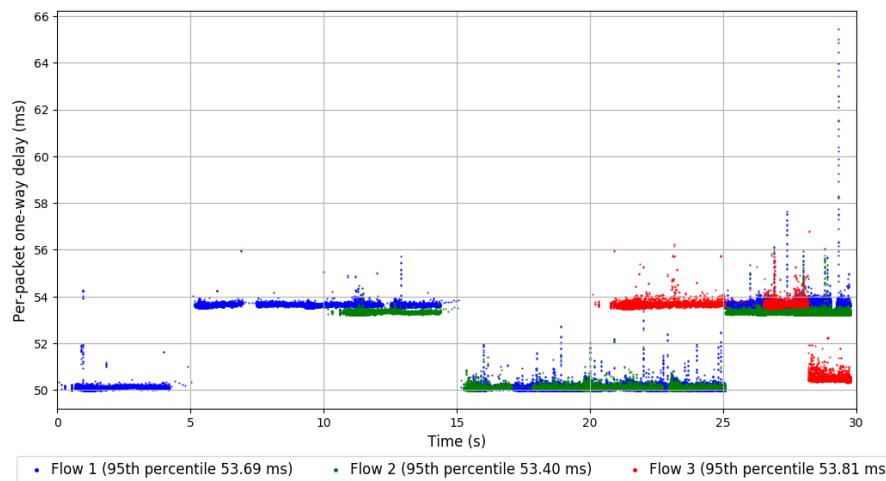
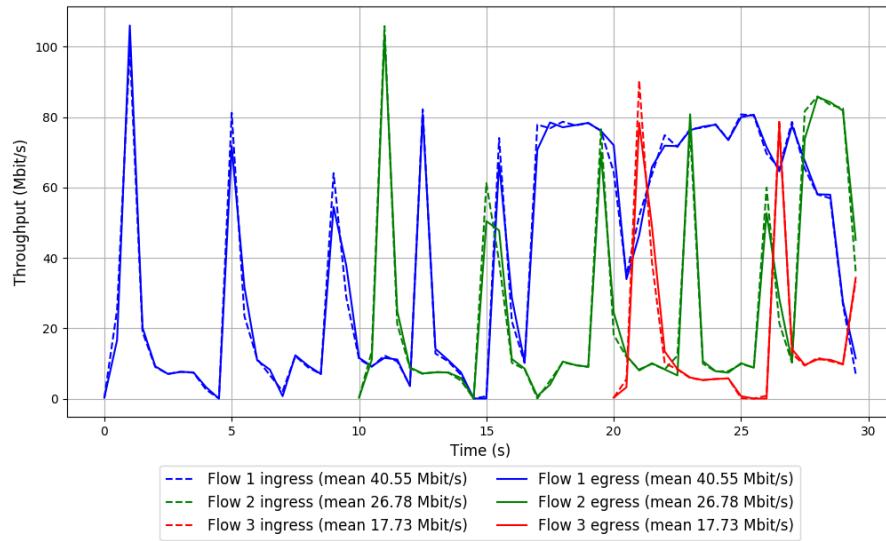


```
Run 3: Statistics of QUIC Cubic

Start at: 2018-01-09 22:52:20
End at: 2018-01-09 22:52:50

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 53.686 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.55 Mbit/s
95th percentile per-packet one-way delay: 53.692 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 53.403 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 17.73 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link



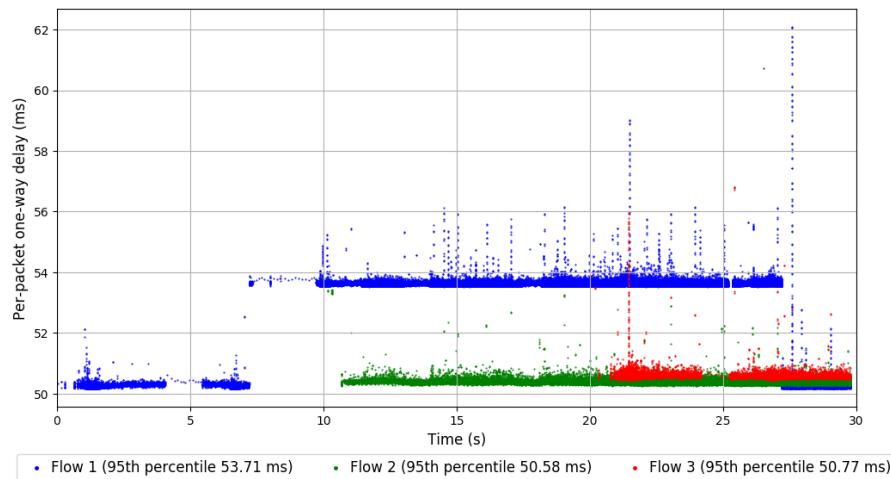
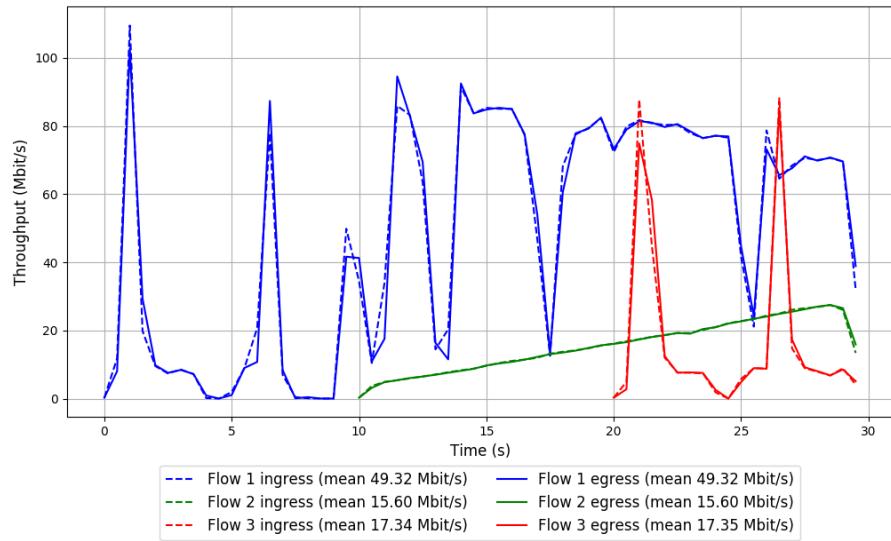
Run 4: Statistics of QUIC Cubic

Start at: 2018-01-09 23:06:08

End at: 2018-01-09 23:06:38

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.33 Mbit/s
95th percentile per-packet one-way delay: 53.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 53.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.35 Mbit/s
95th percentile per-packet one-way delay: 50.775 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link



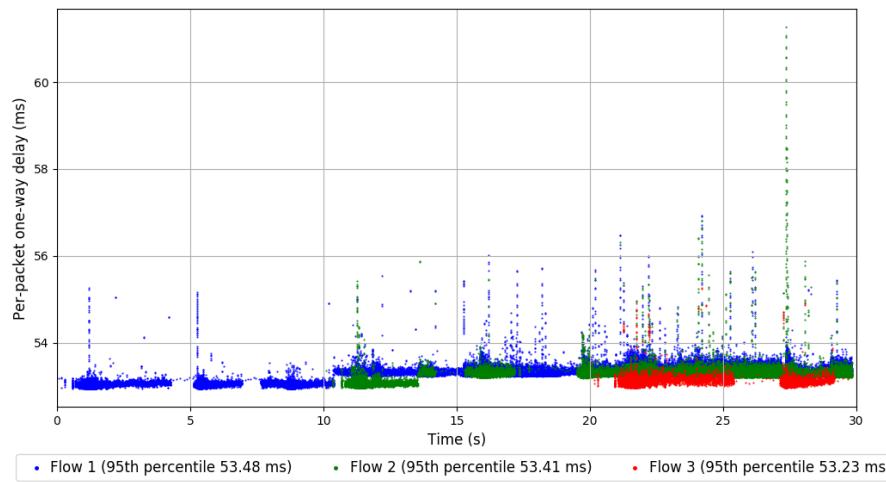
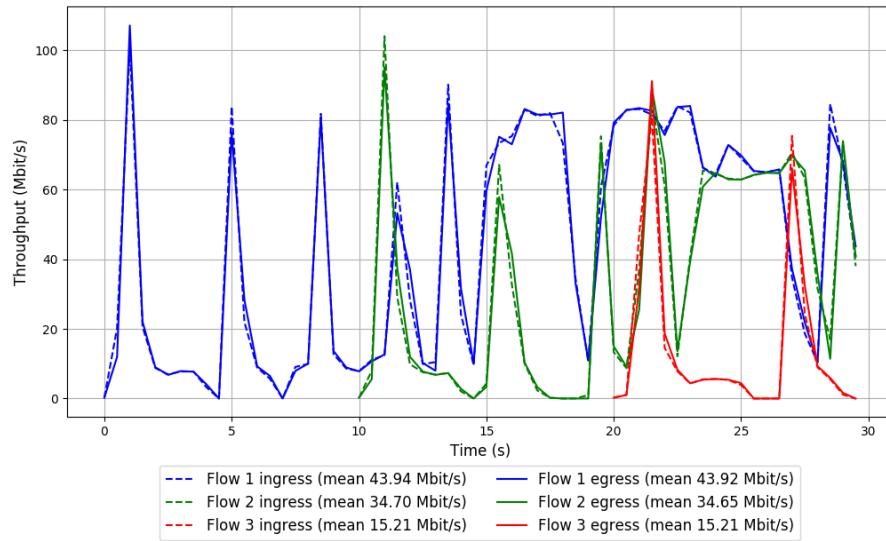
Run 5: Statistics of QUIC Cubic

Start at: 2018-01-09 23:20:05

End at: 2018-01-09 23:20:35

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 53.447 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 43.92 Mbit/s
95th percentile per-packet one-way delay: 53.477 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 34.65 Mbit/s
95th percentile per-packet one-way delay: 53.413 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 53.227 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link



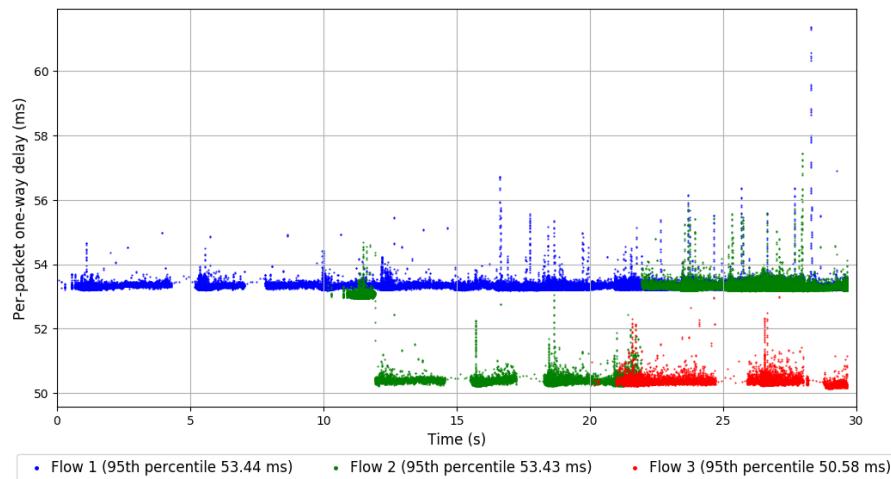
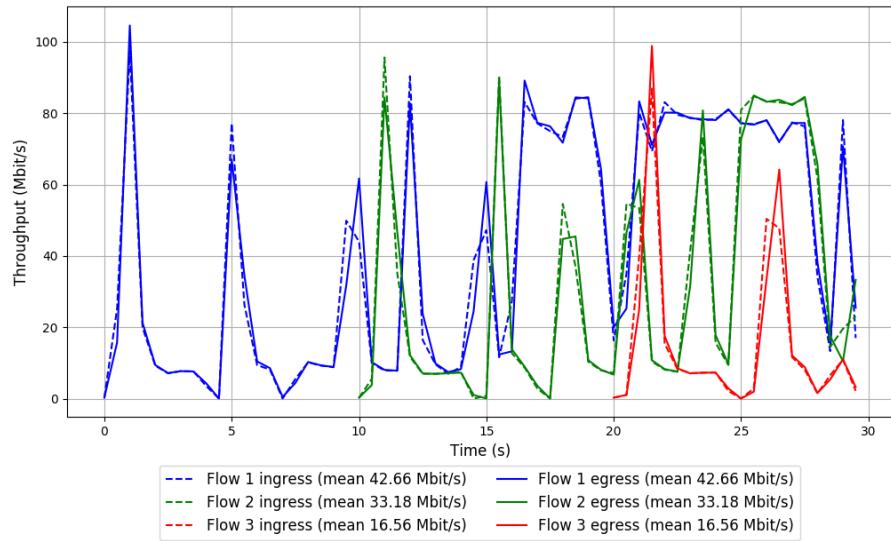
```
Run 6: Statistics of QUIC Cubic
```

```
Start at: 2018-01-09 23:33:56
```

```
End at: 2018-01-09 23:34:26
```

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.98 Mbit/s
95th percentile per-packet one-way delay: 53.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.66 Mbit/s
95th percentile per-packet one-way delay: 53.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.18 Mbit/s
95th percentile per-packet one-way delay: 53.431 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 50.579 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

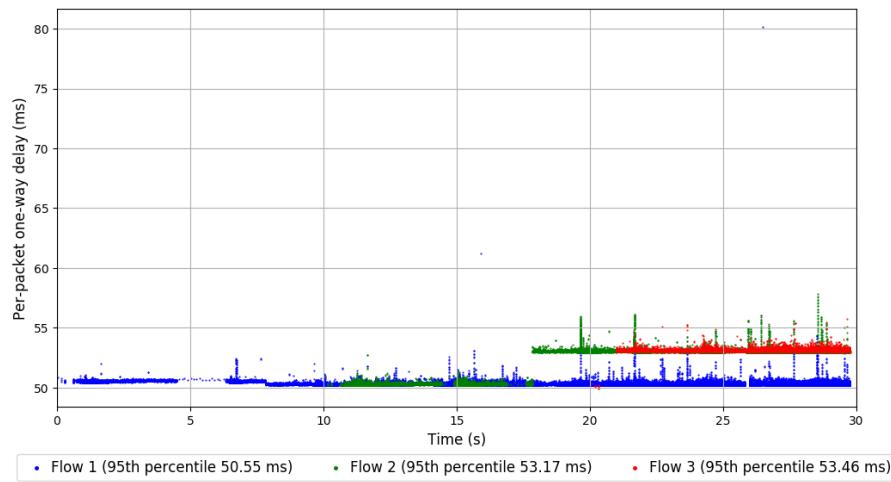
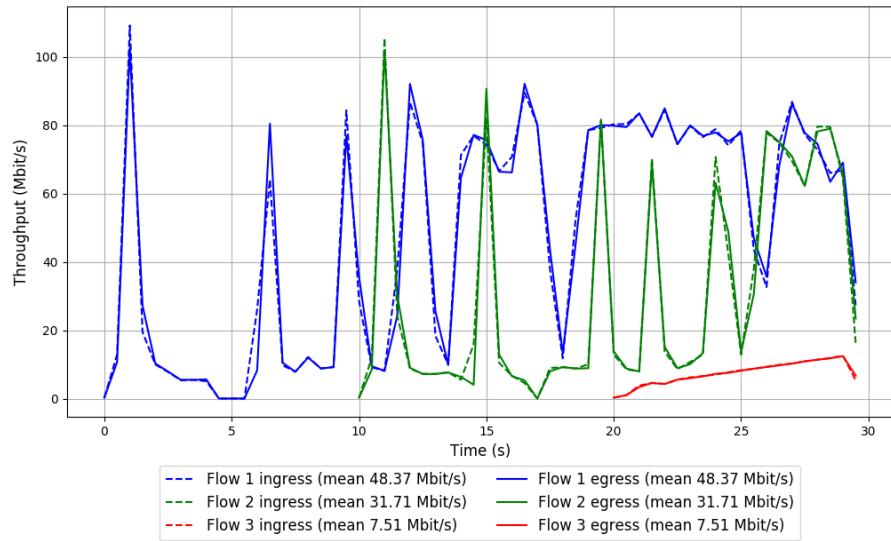


```
Run 7: Statistics of QUIC Cubic

Start at: 2018-01-09 23:47:47
End at: 2018-01-09 23:48:17

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.84 Mbit/s
95th percentile per-packet one-way delay: 53.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 50.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 53.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 53.457 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link



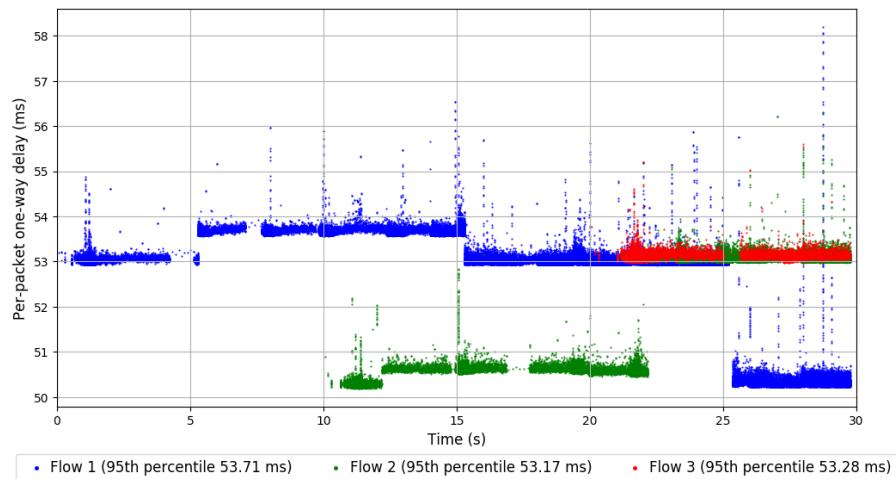
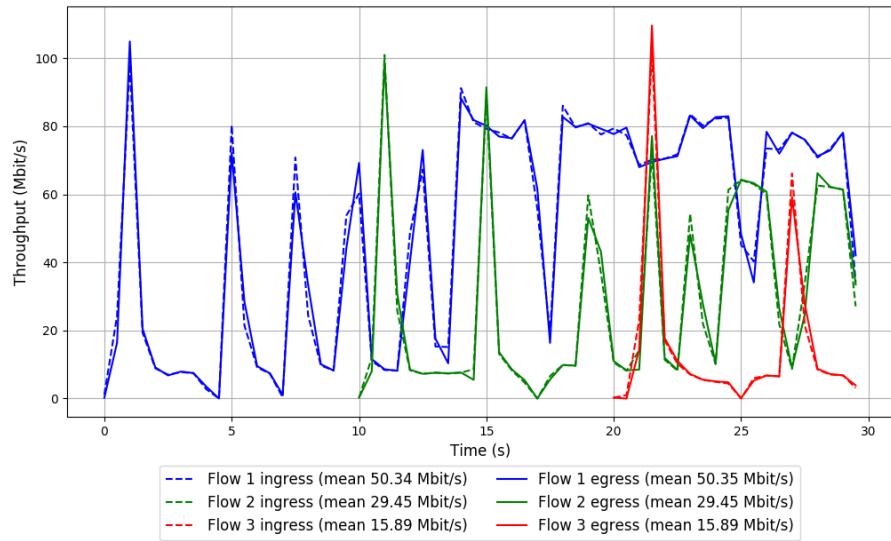
Run 8: Statistics of QUIC Cubic

Start at: 2018-01-10 00:01:33

End at: 2018-01-10 00:02:03

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 53.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 53.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.45 Mbit/s
95th percentile per-packet one-way delay: 53.174 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 53.276 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link



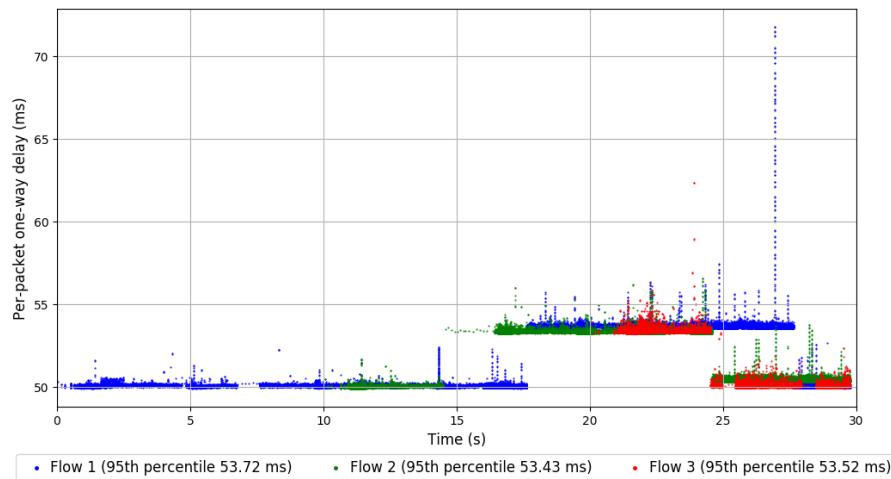
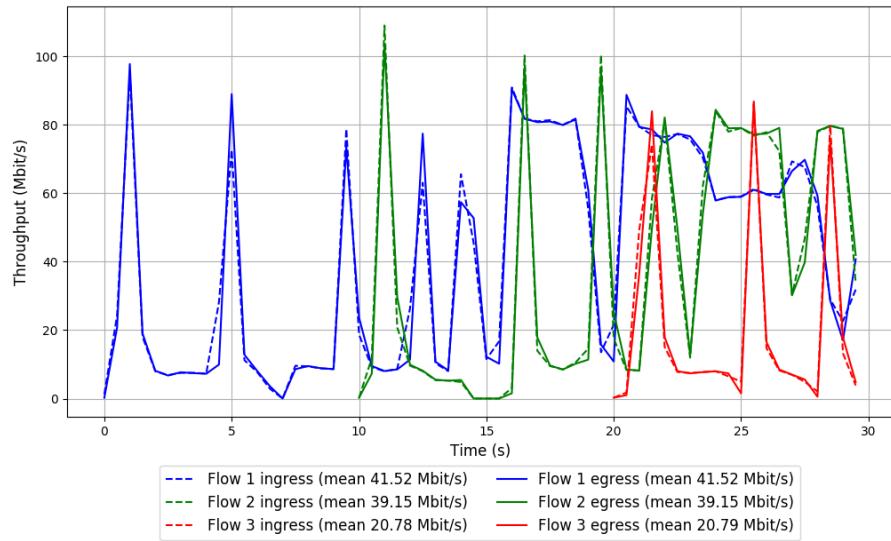
Run 9: Statistics of QUIC Cubic

Start at: 2018-01-10 00:15:10

End at: 2018-01-10 00:15:40

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.27 Mbit/s
95th percentile per-packet one-way delay: 53.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 53.718 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 53.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 53.522 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

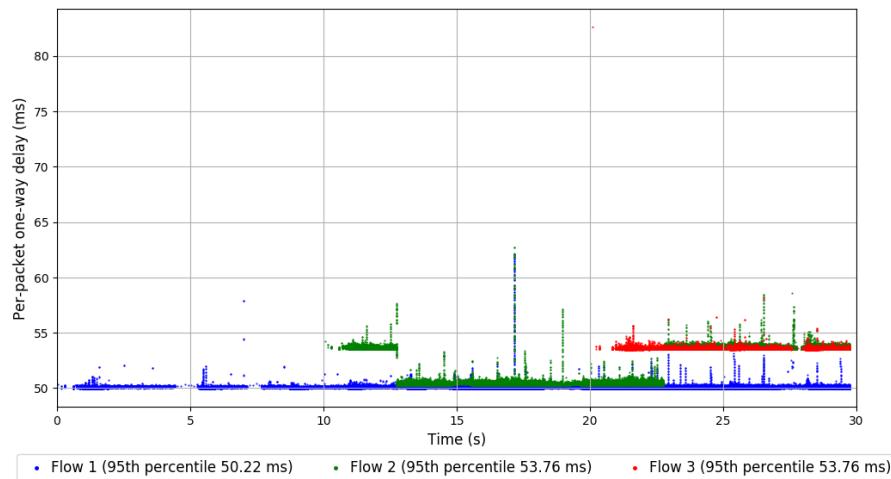
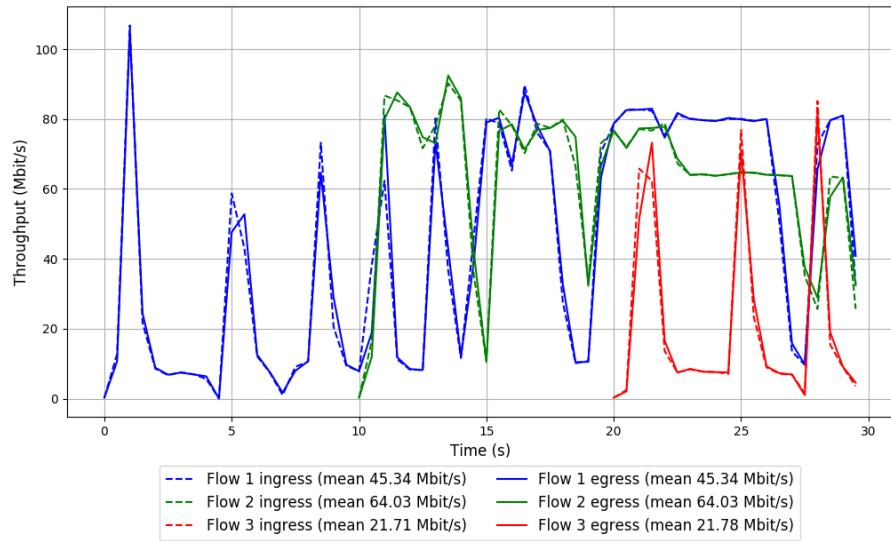


```
Run 10: Statistics of QUIC Cubic

Start at: 2018-01-10 00:29:12
End at: 2018-01-10 00:29:42

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.87 Mbit/s
95th percentile per-packet one-way delay: 53.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 50.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 53.762 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 53.759 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

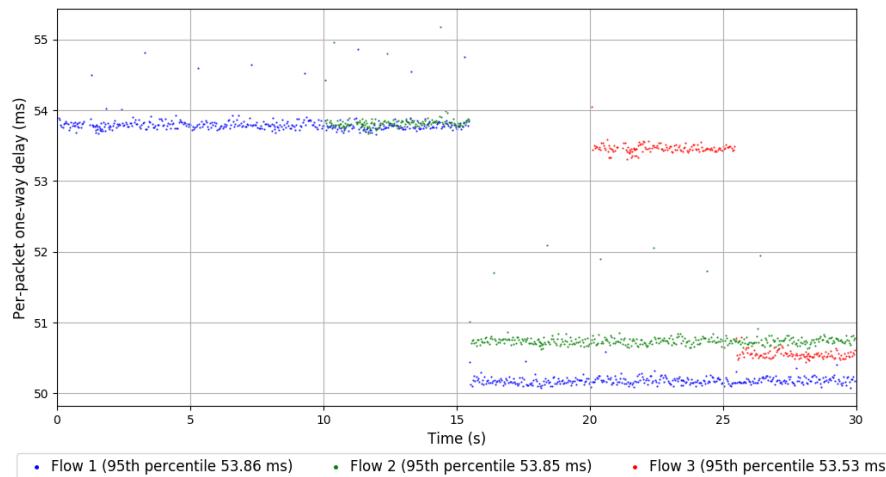
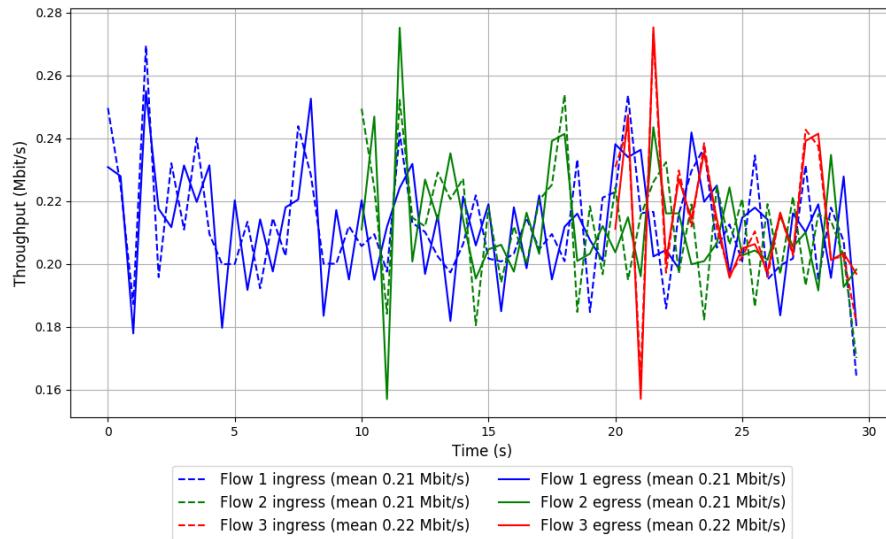


```
Run 1: Statistics of SCReAM

Start at: 2018-01-09 22:25:30
End at: 2018-01-09 22:26:00

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.860 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.855 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.532 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link



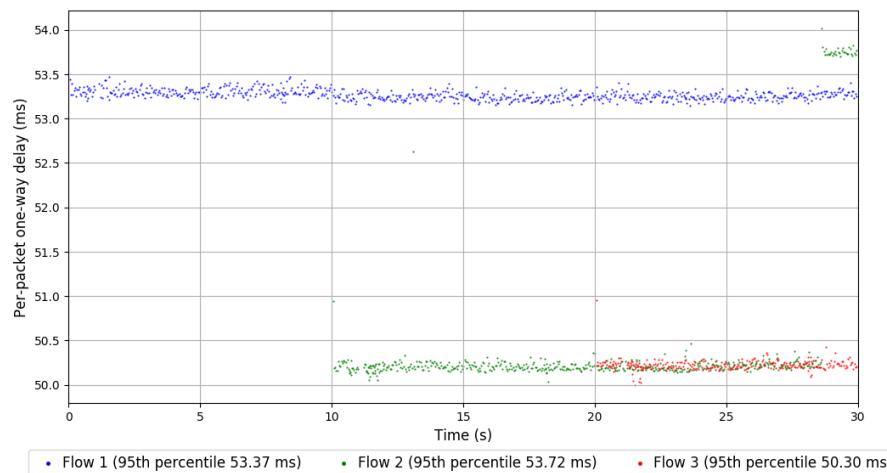
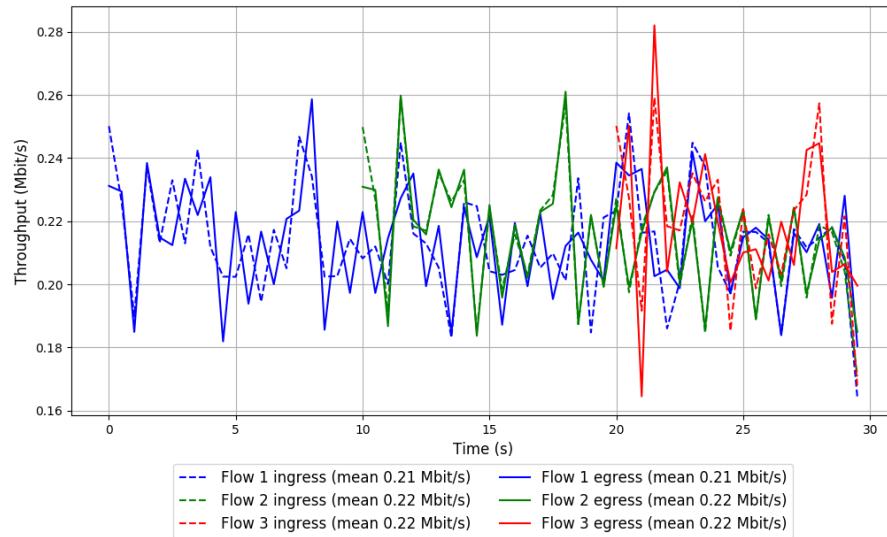
Run 2: Statistics of SCReAM

Start at: 2018-01-09 22:39:16

End at: 2018-01-09 22:39:46

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.367 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.722 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.296 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link



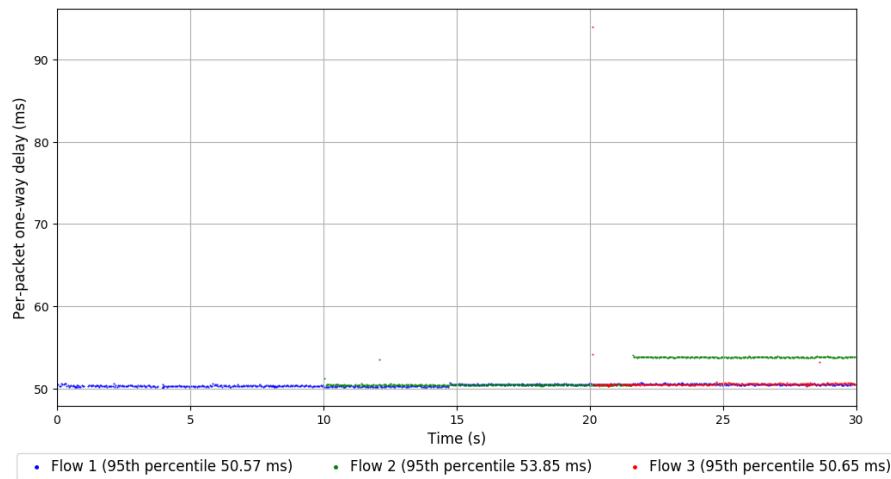
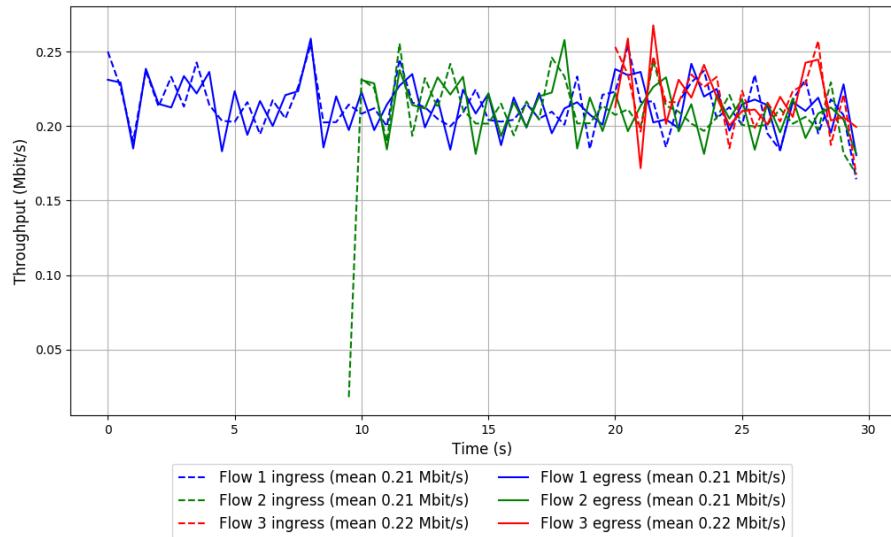
Run 3: Statistics of SCReAM

Start at: 2018-01-09 22:53:03

End at: 2018-01-09 22:53:33

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.813 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 50.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.849 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.645 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link



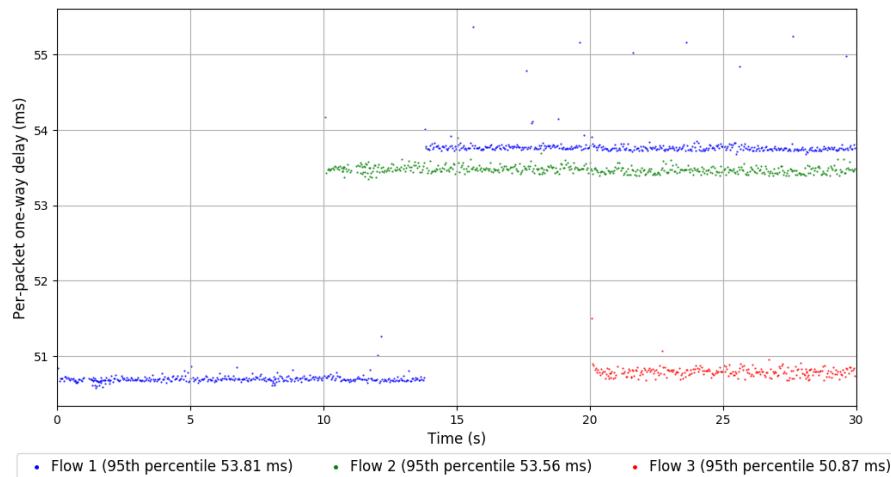
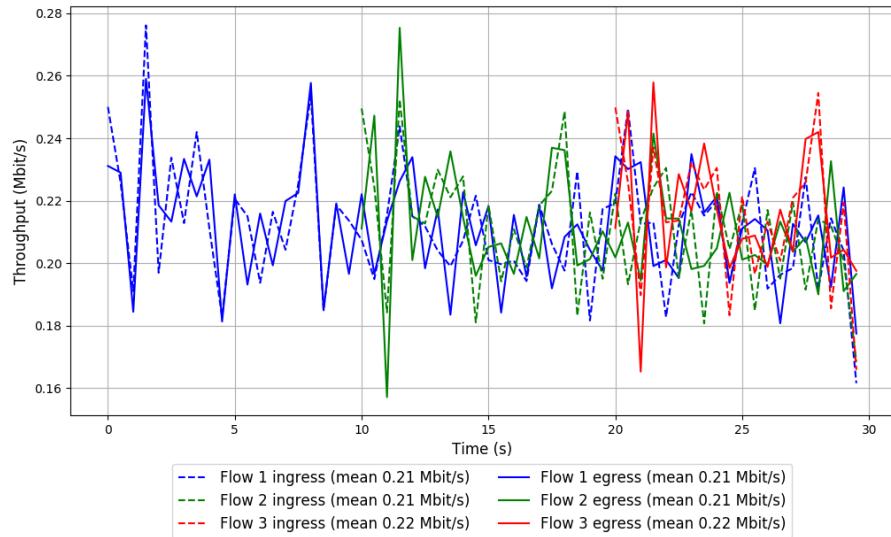
Run 4: Statistics of SCReAM

Start at: 2018-01-09 23:06:51

End at: 2018-01-09 23:07:21

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.808 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.560 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.870 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link



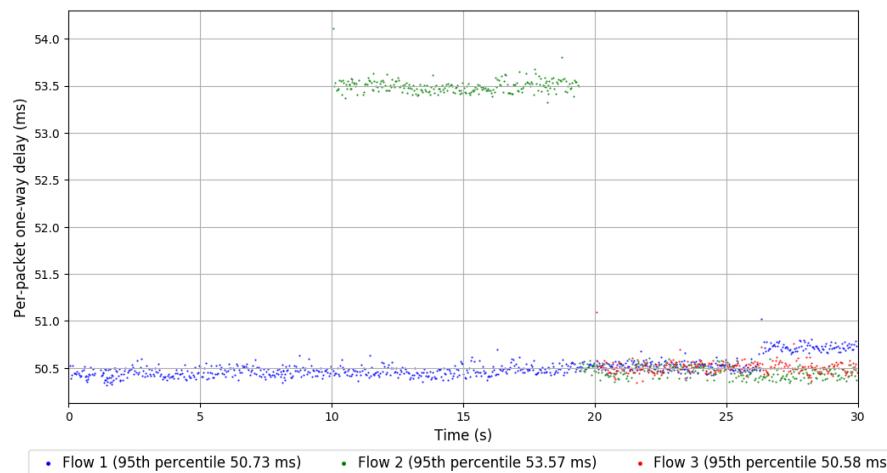
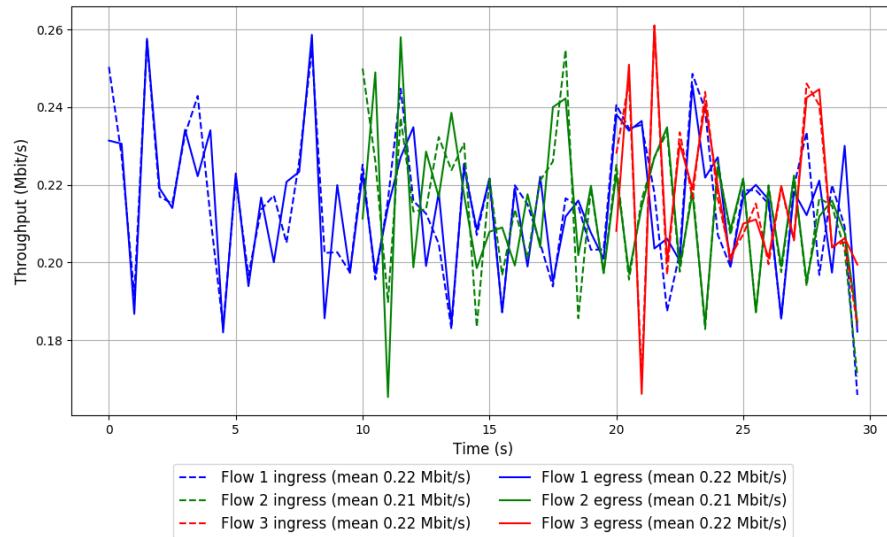
Run 5: Statistics of SCReAM

Start at: 2018-01-09 23:20:49

End at: 2018-01-09 23:21:19

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.582 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link



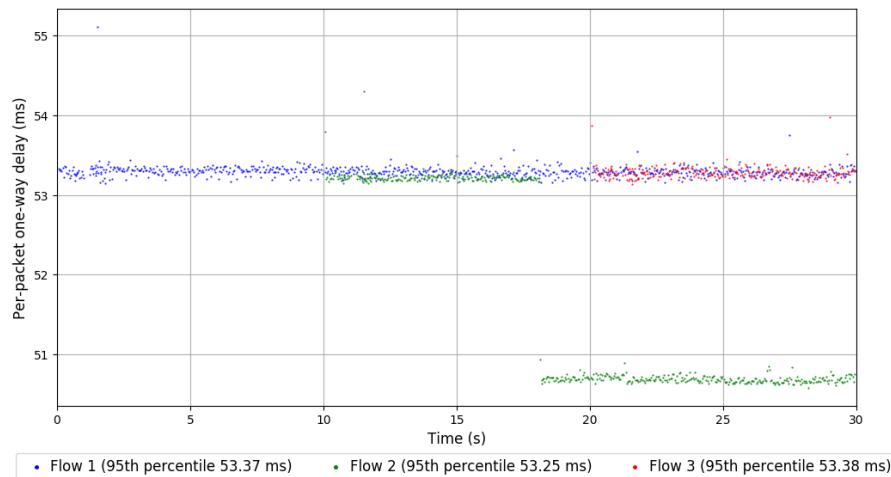
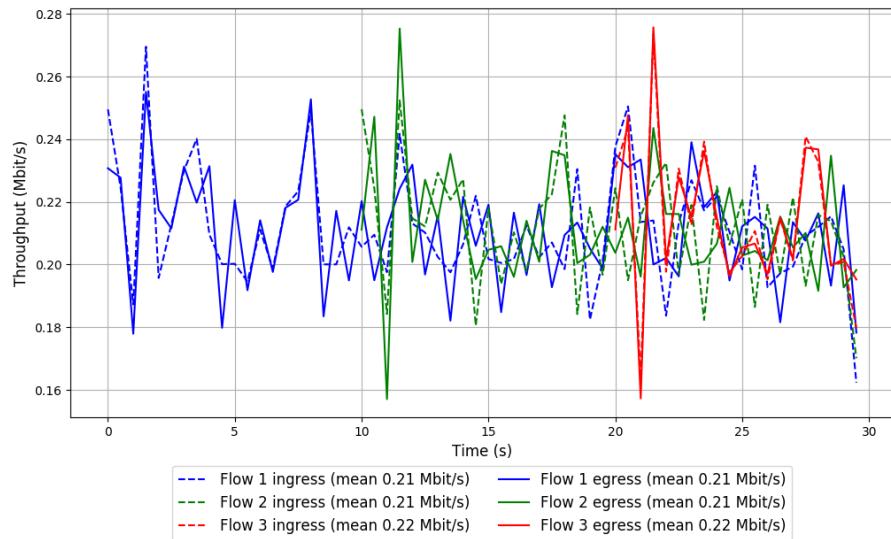
Run 6: Statistics of SCReAM

Start at: 2018-01-09 23:34:40

End at: 2018-01-09 23:35:10

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.253 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.382 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link



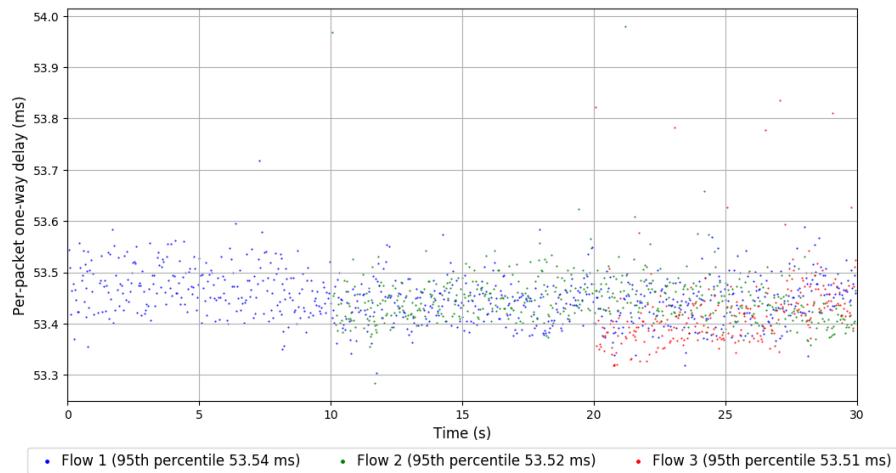
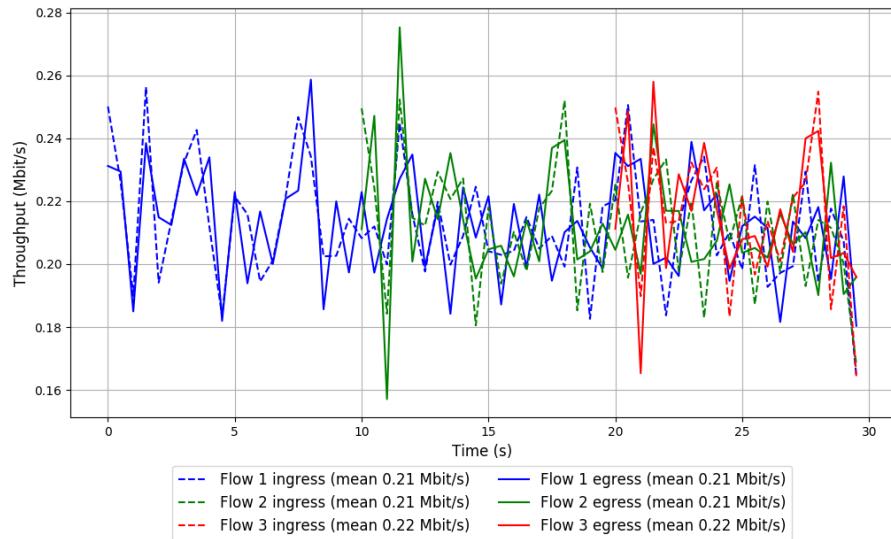
Run 7: Statistics of SCReAM

Start at: 2018-01-09 23:48:31

End at: 2018-01-09 23:49:01

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.536 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.515 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.511 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link



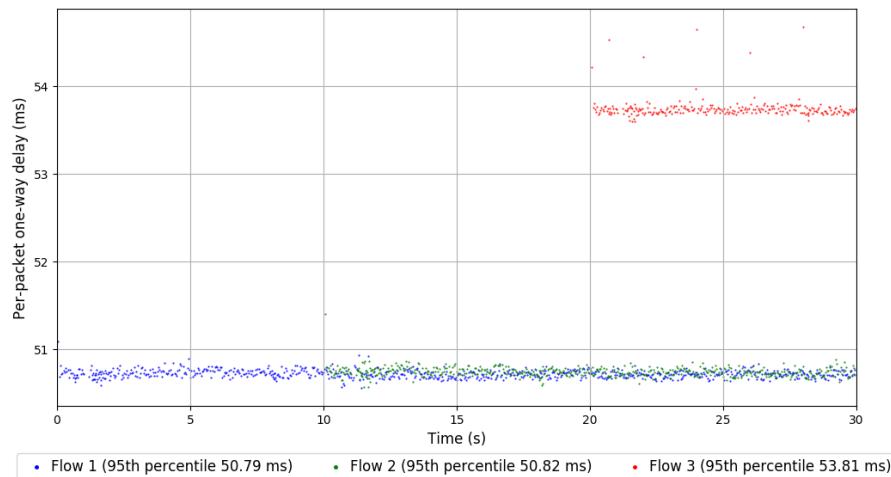
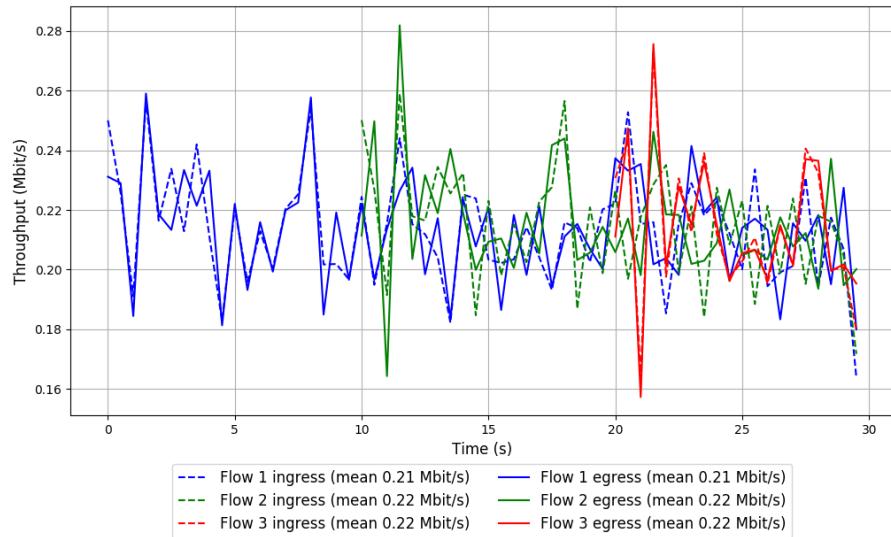
Run 8: Statistics of SCReAM

Start at: 2018-01-10 00:02:17

End at: 2018-01-10 00:02:47

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.748 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 50.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.818 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link



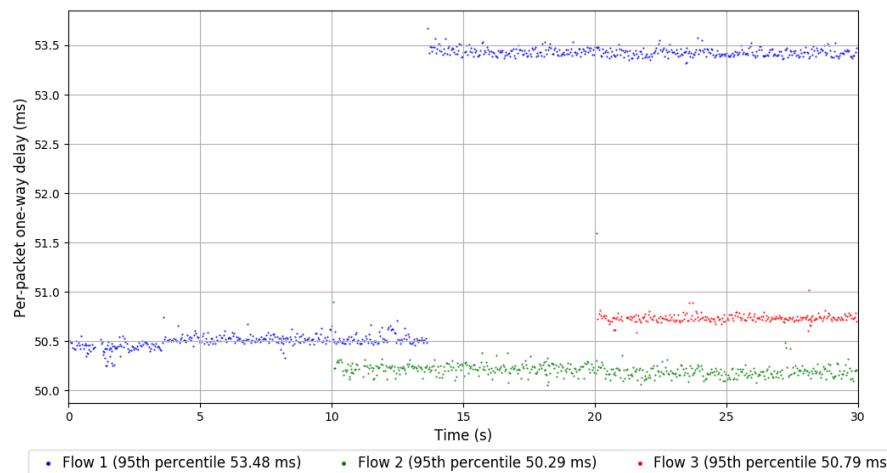
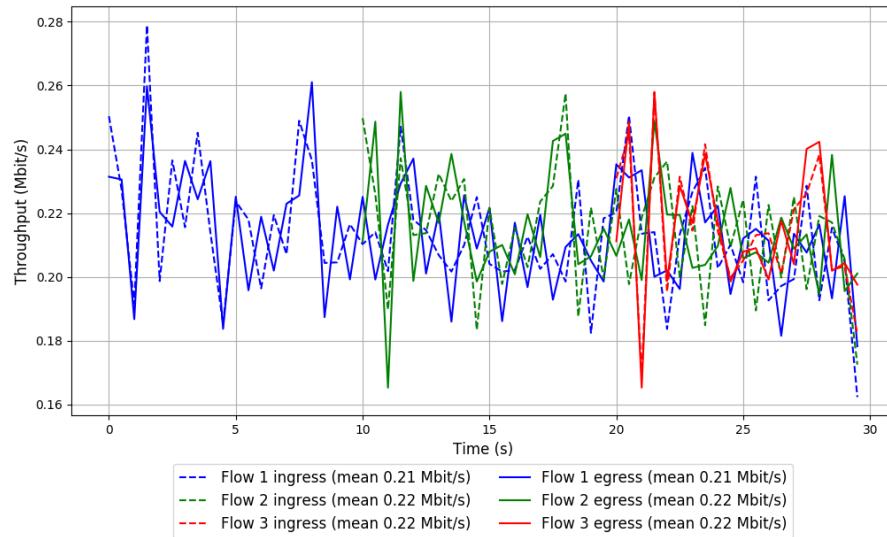
Run 9: Statistics of SCReAM

Start at: 2018-01-10 00:15:55

End at: 2018-01-10 00:16:25

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.789 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link



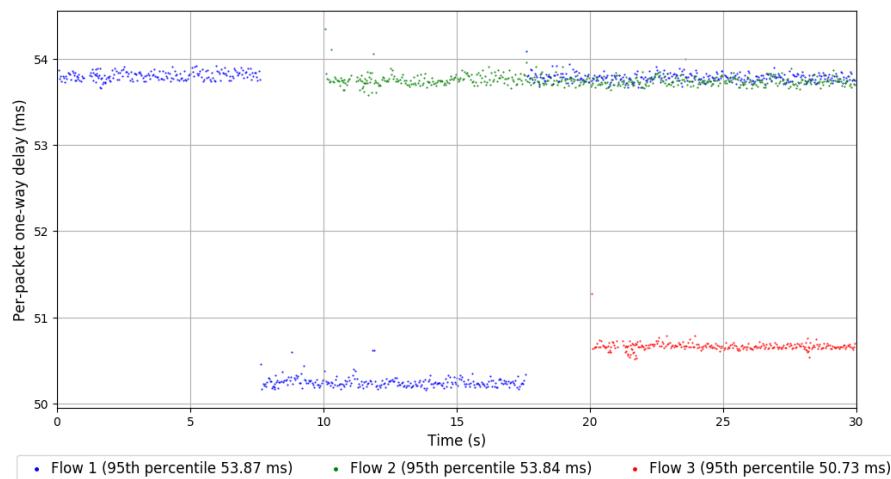
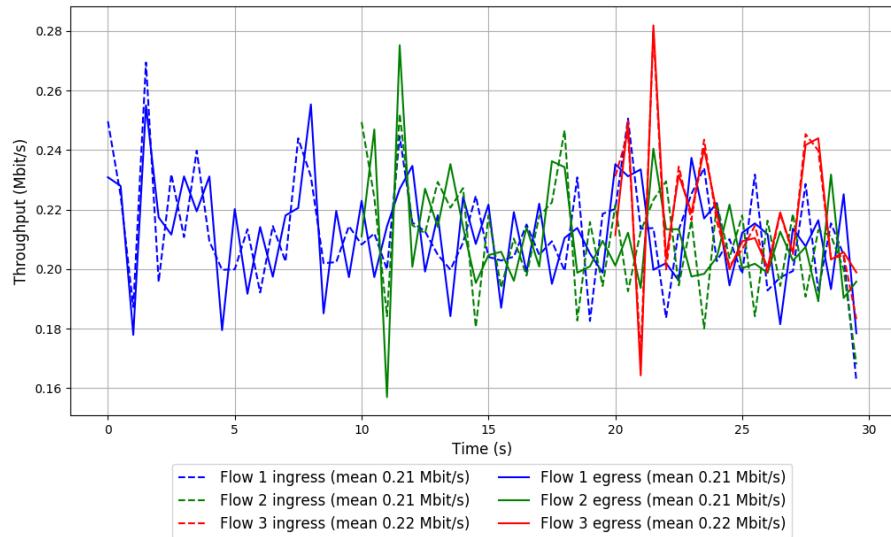
Run 10: Statistics of SCReAM

Start at: 2018-01-10 00:29:58

End at: 2018-01-10 00:30:28

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.867 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.841 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.727 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

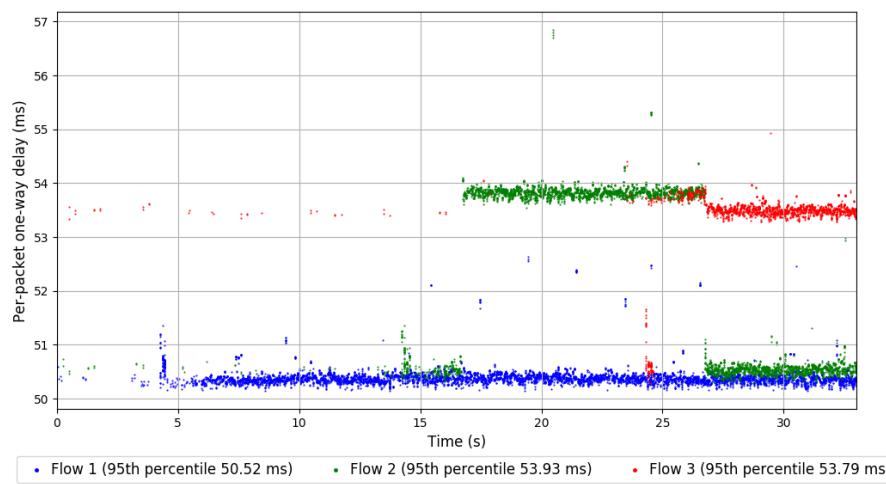
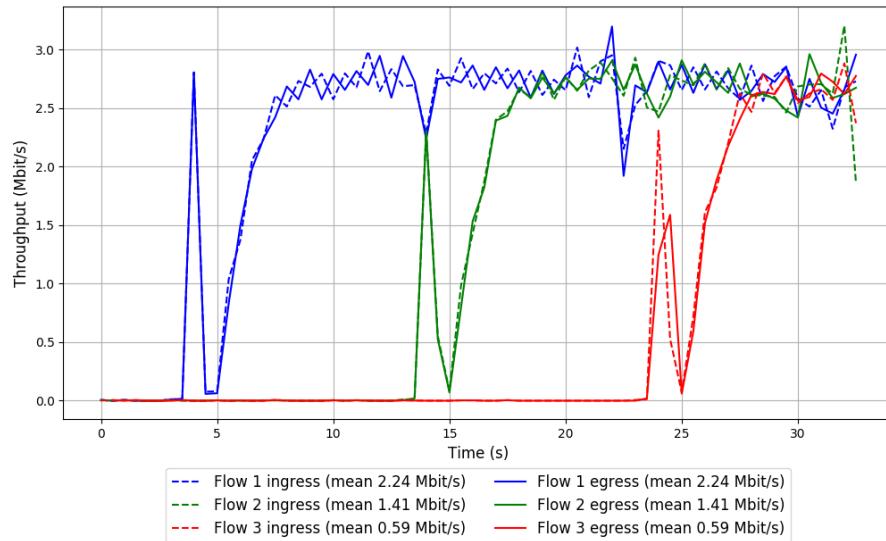


```
Run 1: Statistics of WebRTC media

Start at: 2018-01-09 22:30:44
End at: 2018-01-09 22:31:14

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 53.869 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.521 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 53.926 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 53.793 ms
Loss rate: 0.05%
```

Run 1: Report of WebRTC media — Data Link

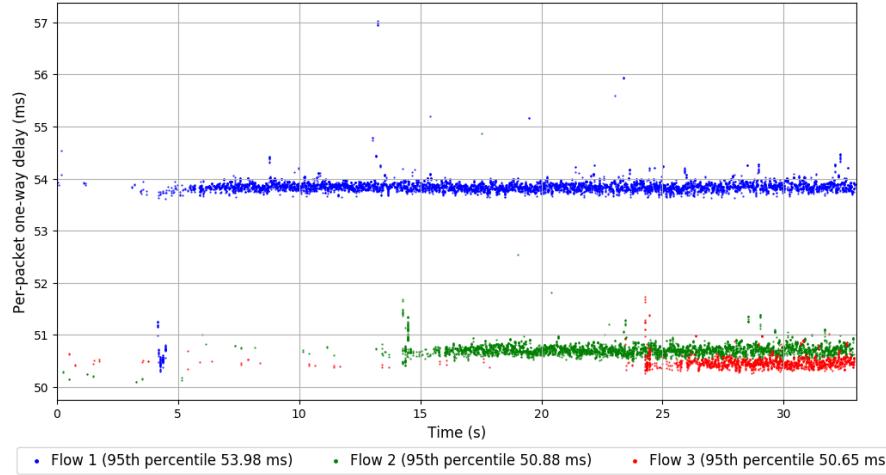
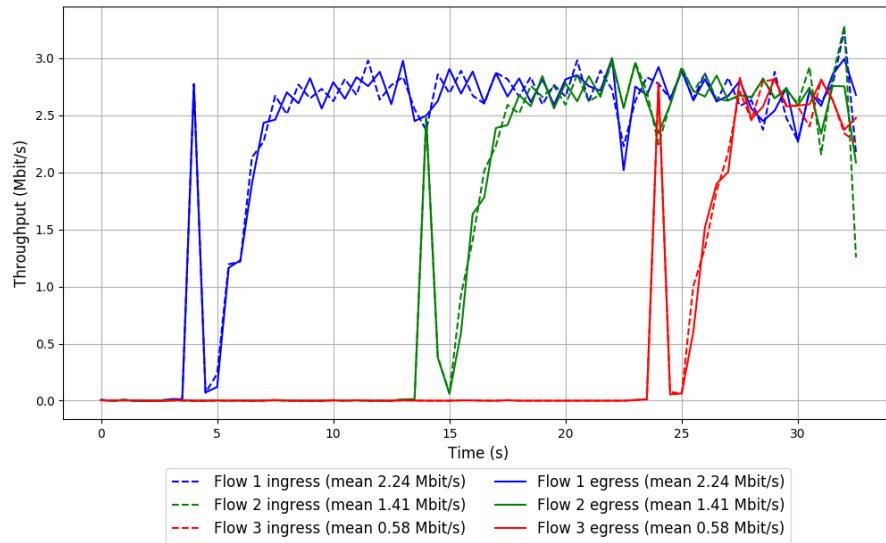


```
Run 2: Statistics of WebRTC media

Start at: 2018-01-09 22:44:23
End at: 2018-01-09 22:44:53

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 53.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 53.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 50.877 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 50.651 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

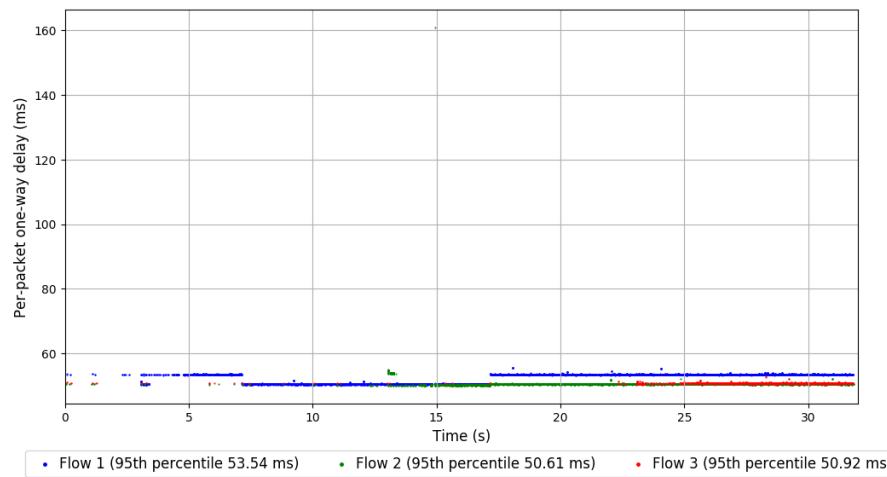
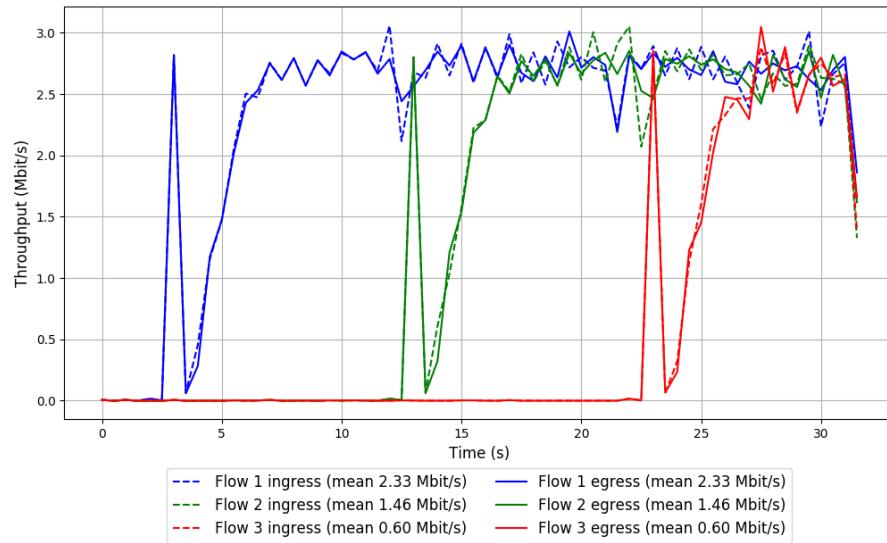


```
Run 3: Statistics of WebRTC media

Start at: 2018-01-09 22:58:30
End at: 2018-01-09 22:59:00

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 53.506 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 53.539 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 50.607 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 50.918 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link



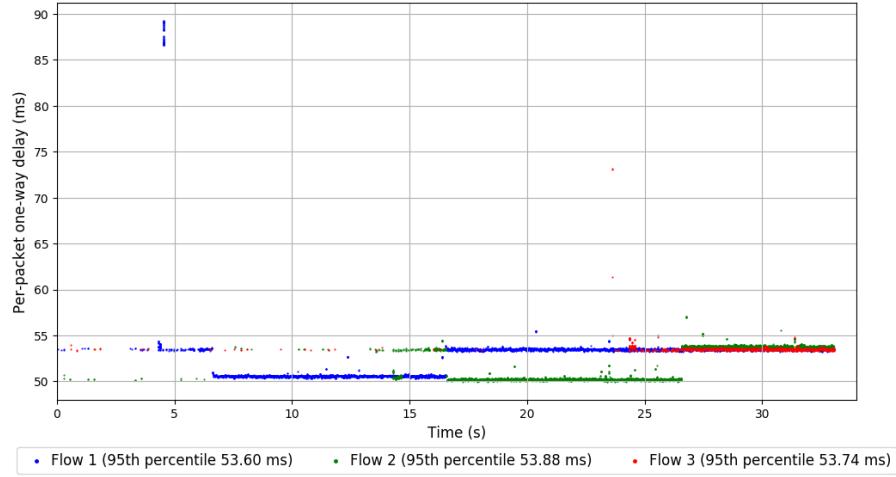
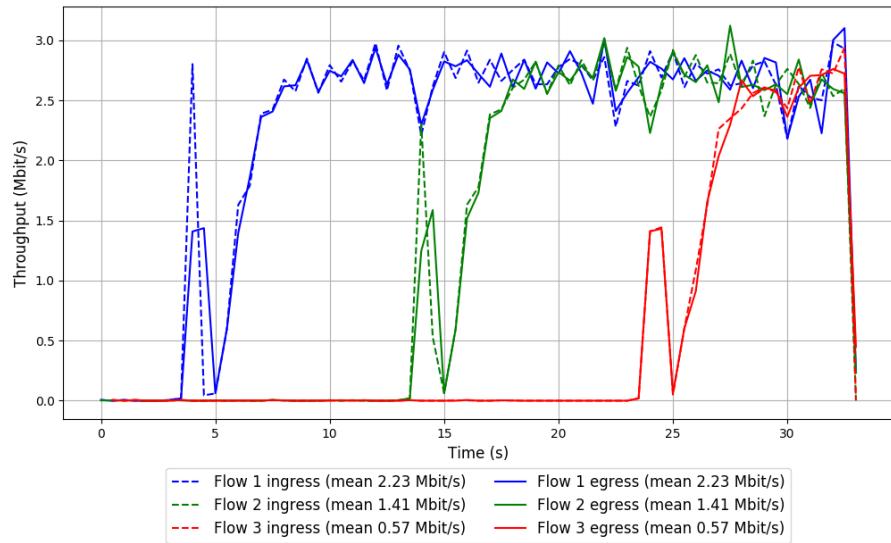
Run 4: Statistics of WebRTC media

Start at: 2018-01-09 23:12:12

End at: 2018-01-09 23:12:42

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 53.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 53.602 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 53.882 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 53.739 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



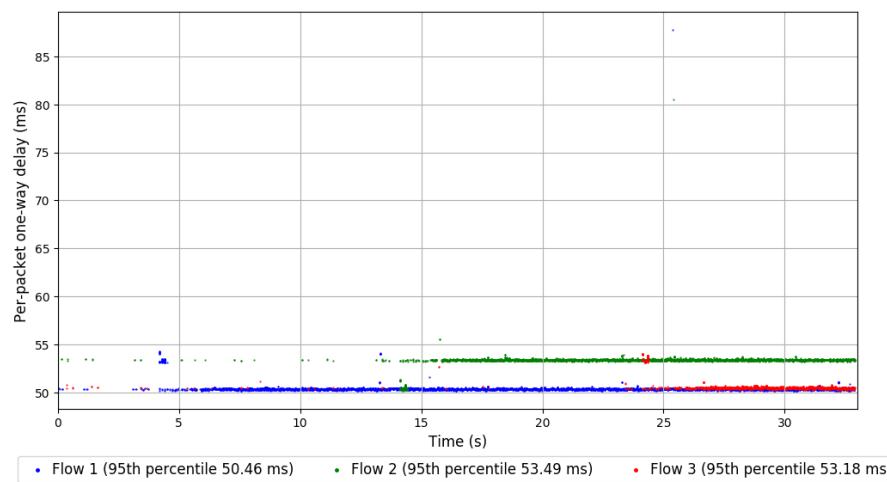
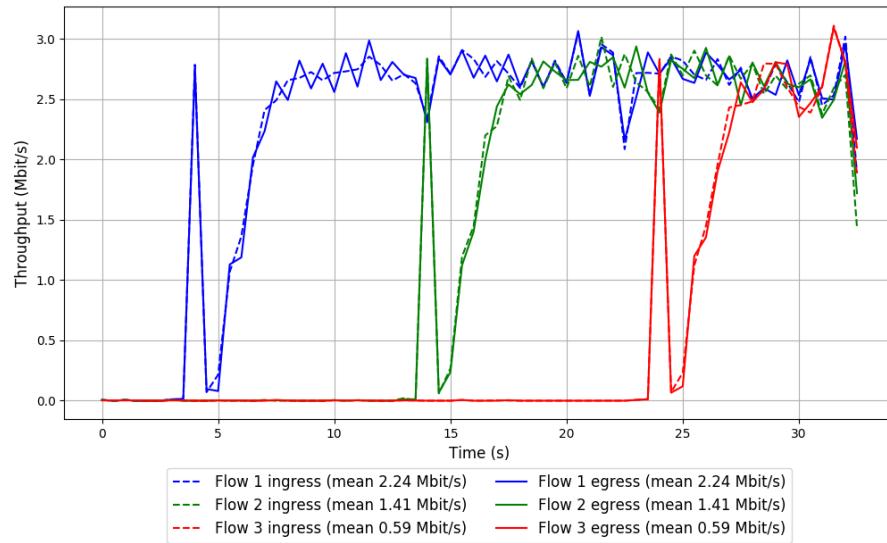
Run 5: Statistics of WebRTC media

Start at: 2018-01-09 23:26:01

End at: 2018-01-09 23:26:31

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 53.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 50.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 53.494 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 53.176 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

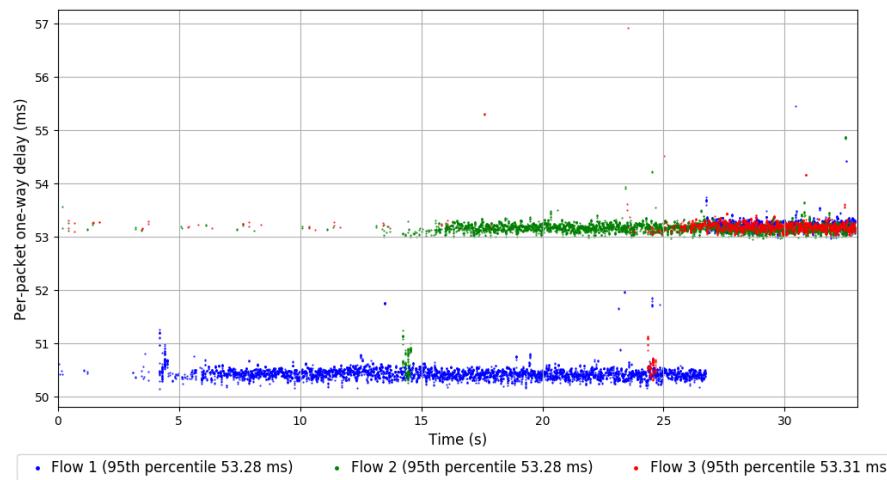
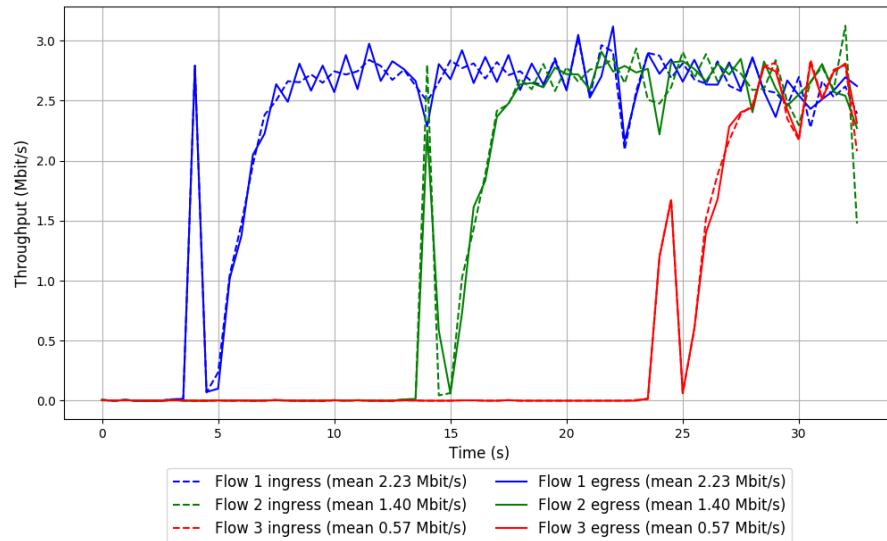


```
Run 6: Statistics of WebRTC media

Start at: 2018-01-09 23:39:51
End at: 2018-01-09 23:40:21

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 53.288 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 53.280 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 53.285 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 53.311 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

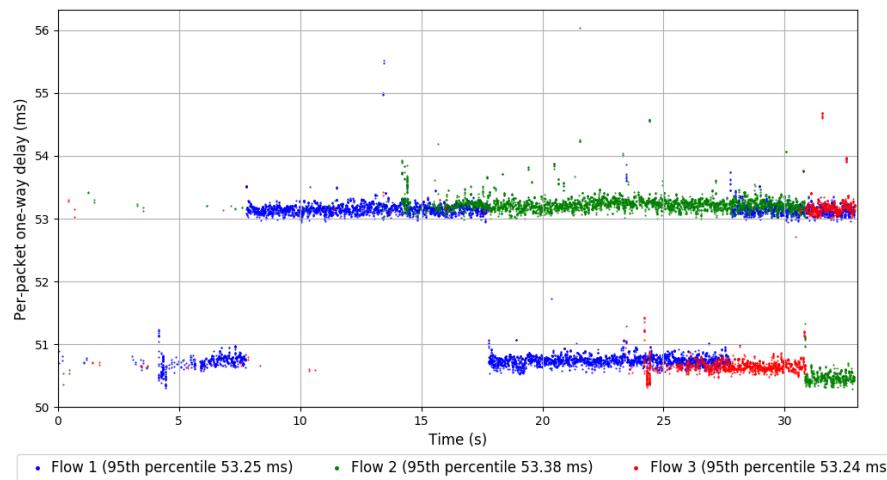
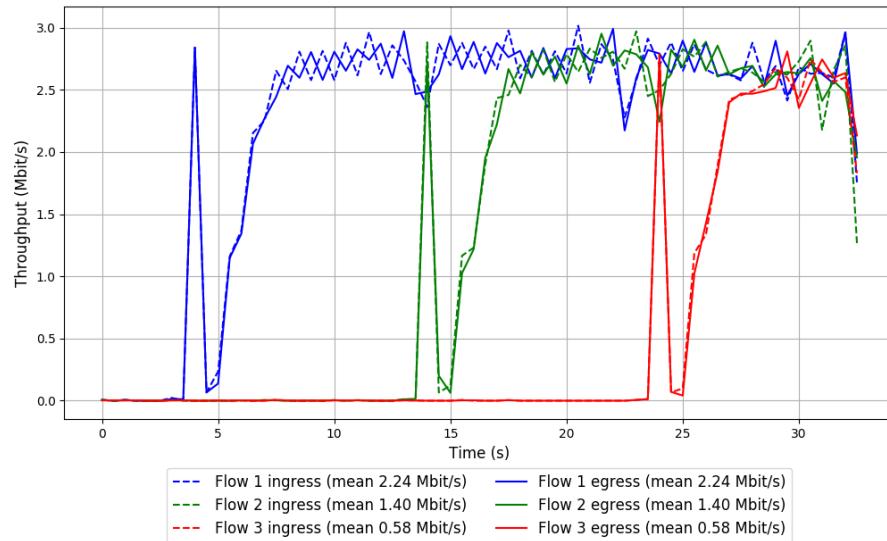


```
Run 7: Statistics of WebRTC media

Start at: 2018-01-09 23:53:40
End at: 2018-01-09 23:54:10

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 53.311 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 53.246 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 53.384 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 53.244 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

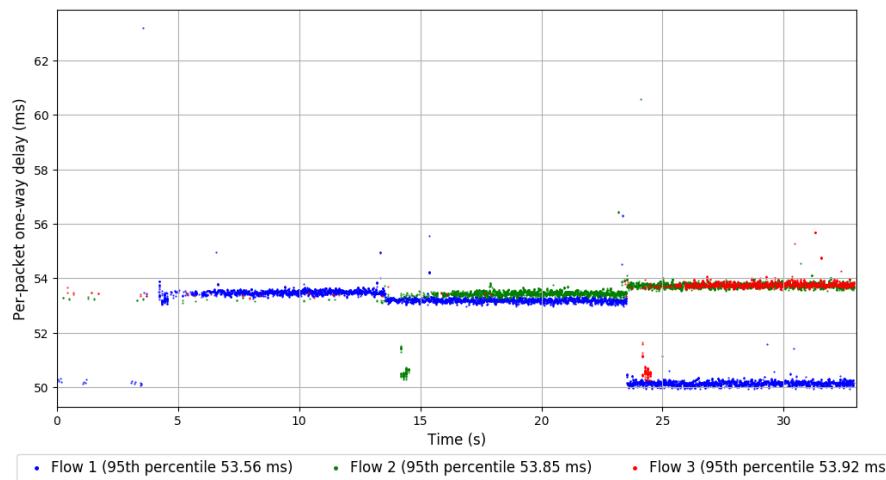
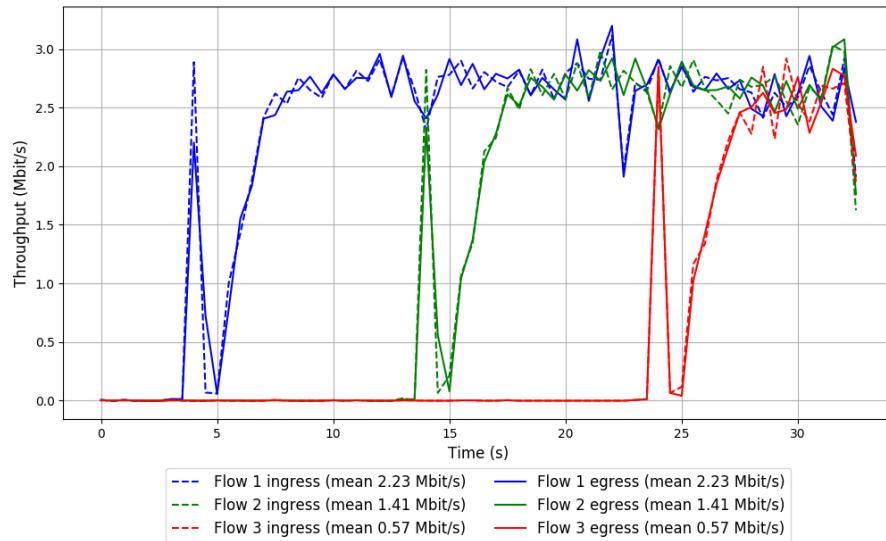


```
Run 8: Statistics of WebRTC media

Start at: 2018-01-10 00:07:15
End at: 2018-01-10 00:07:45

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 53.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 53.562 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 53.924 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

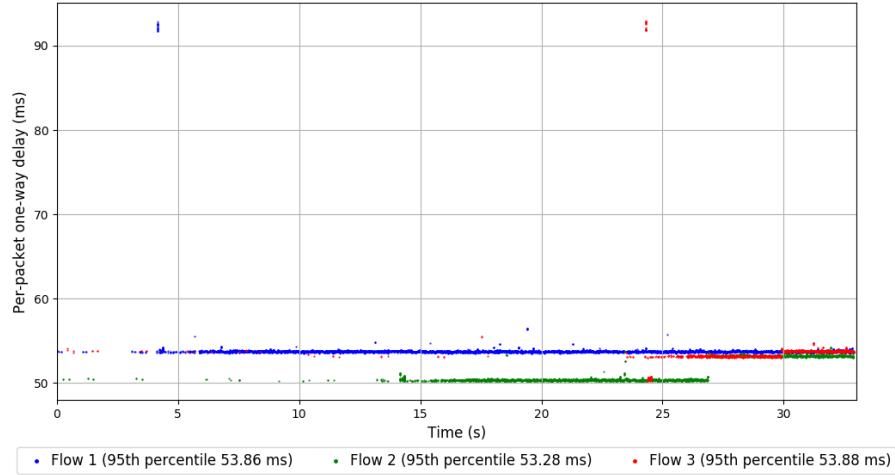
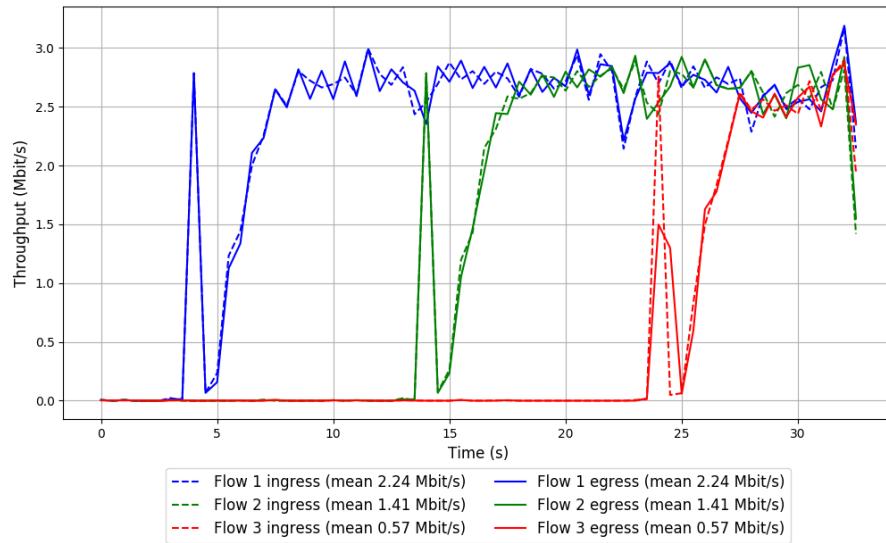


```
Run 9: Statistics of WebRTC media

Start at: 2018-01-10 00:21:21
End at: 2018-01-10 00:21:51

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 53.843 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 53.864 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 53.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 53.878 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

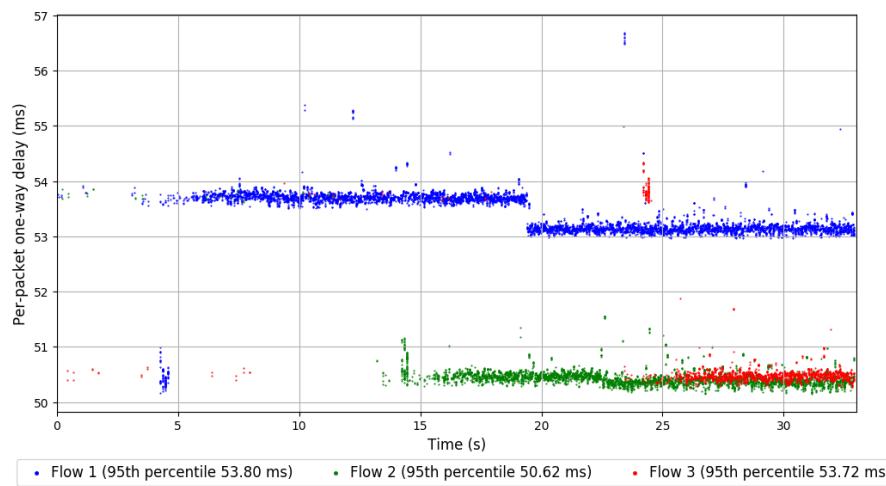
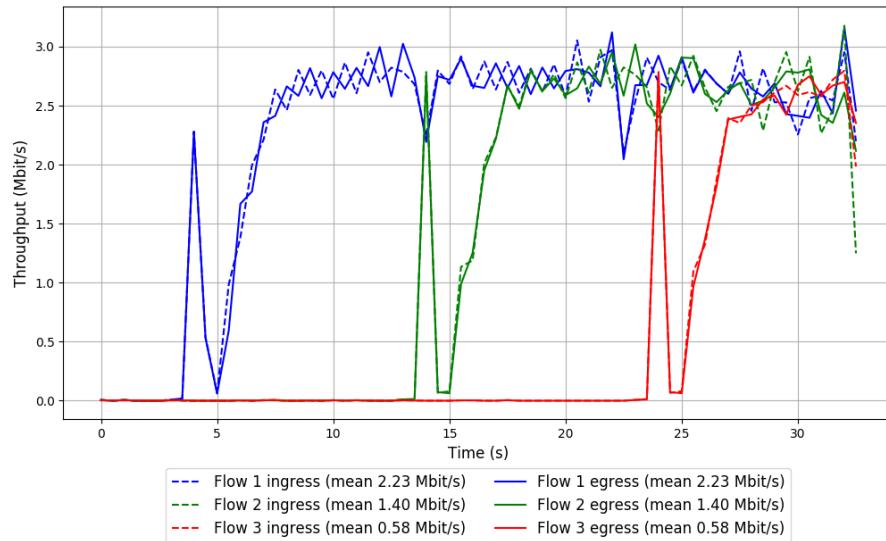


```
Run 10: Statistics of WebRTC media

Start at: 2018-01-10 00:35:29
End at: 2018-01-10 00:35:59

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 53.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 53.800 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 50.624 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 53.715 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link



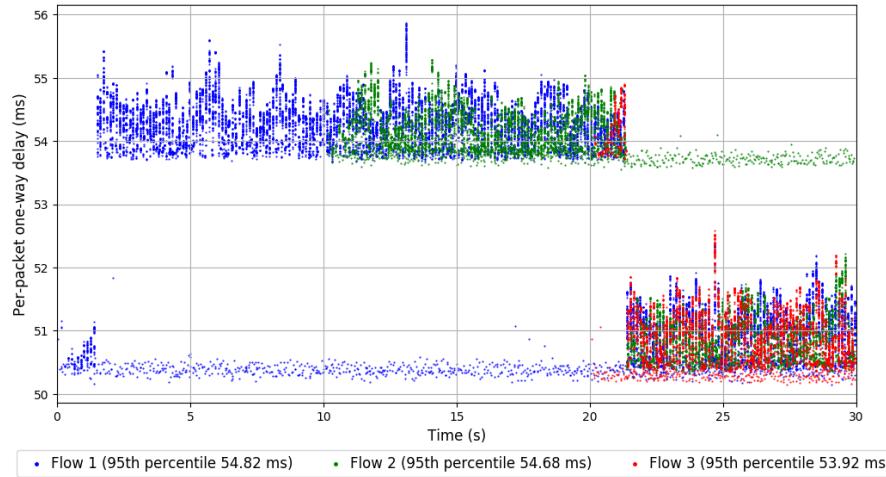
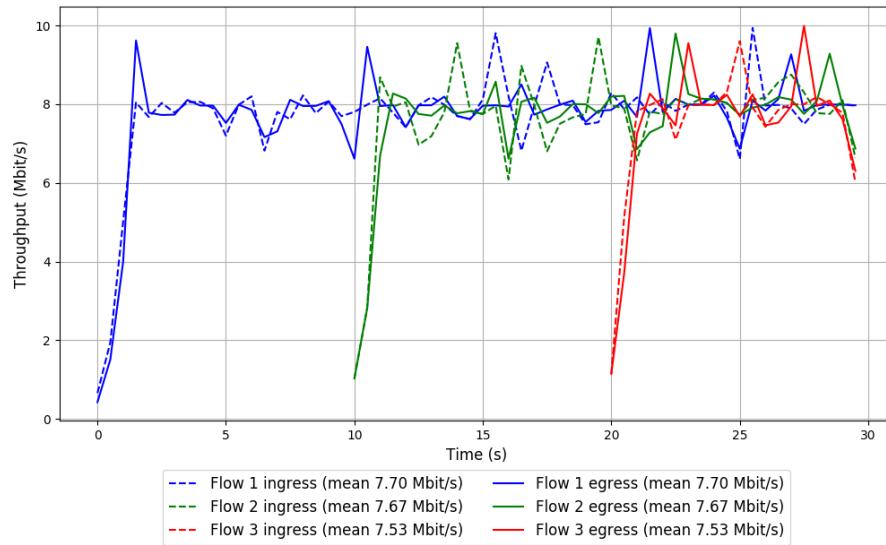
Run 1: Statistics of Sprout

Start at: 2018-01-09 22:32:17

End at: 2018-01-09 22:32:47

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.27 Mbit/s
95th percentile per-packet one-way delay: 54.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 54.821 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 54.679 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 53.923 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link



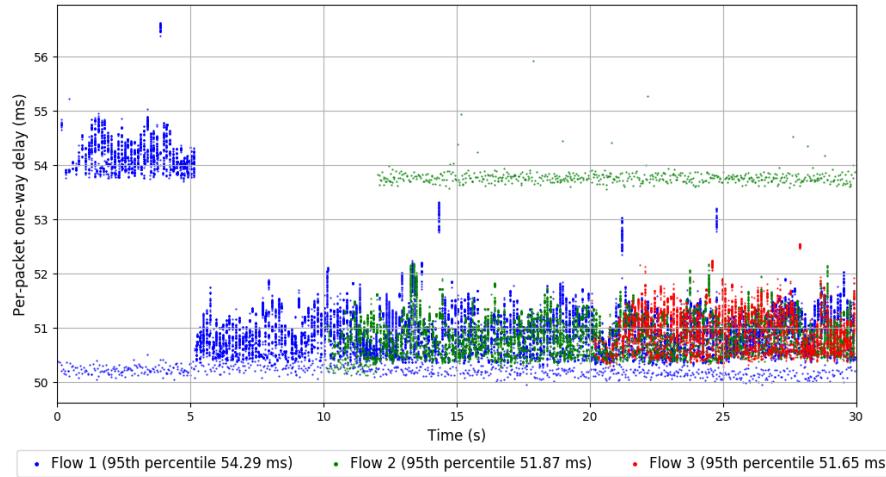
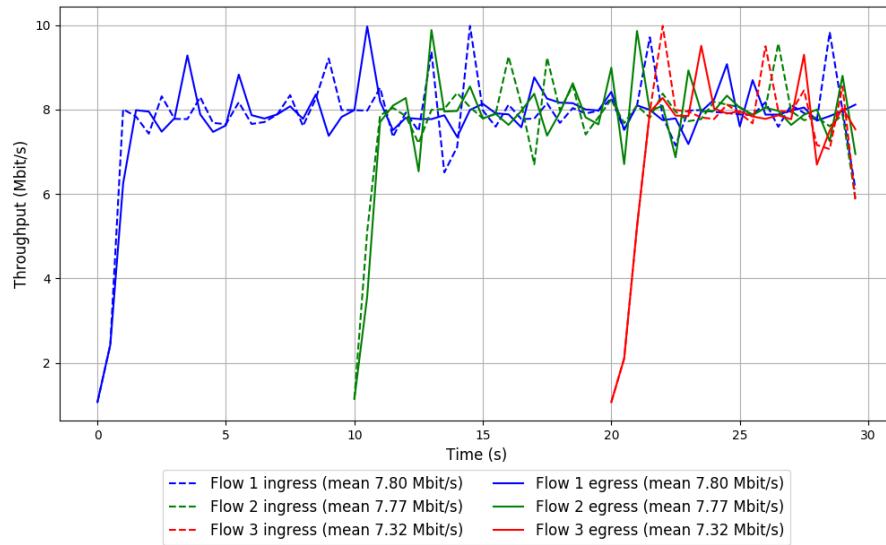
Run 2: Statistics of Sprout

Start at: 2018-01-09 22:45:53

End at: 2018-01-09 22:46:23

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 54.028 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 7.80 Mbit/s
95th percentile per-packet one-way delay: 54.294 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 51.874 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link



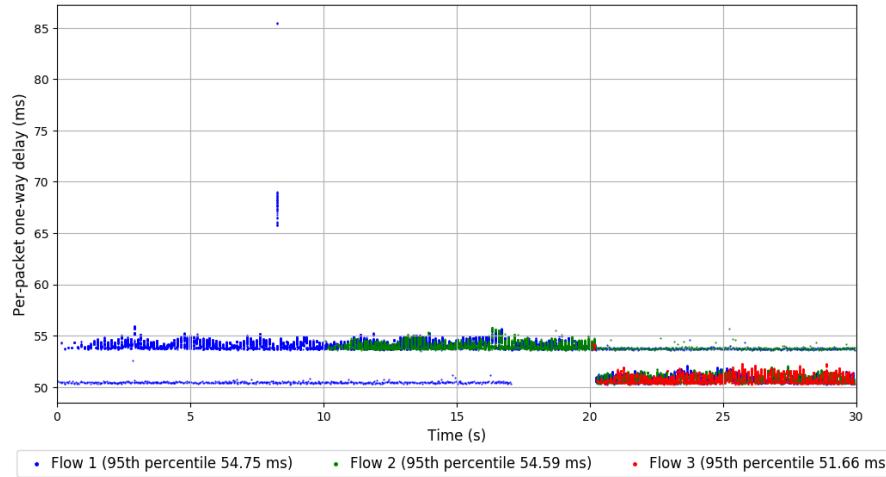
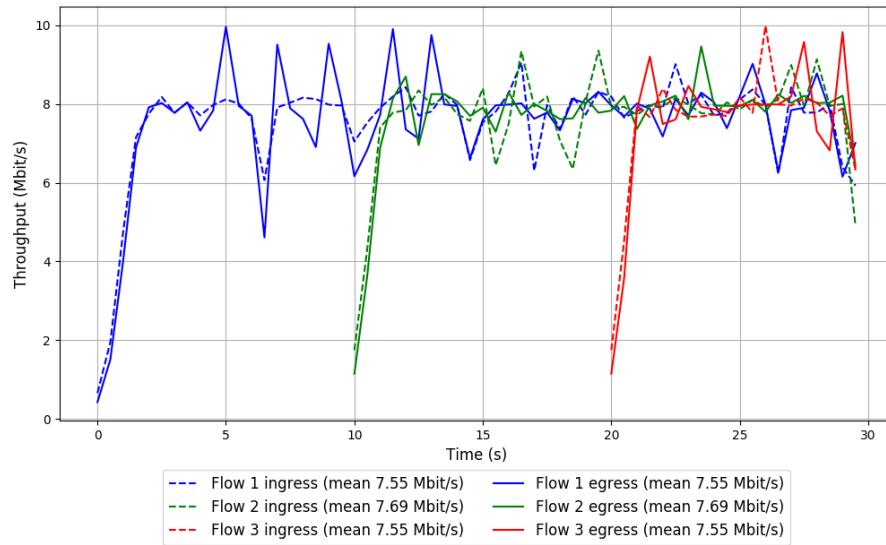
Run 3: Statistics of Sprout

Start at: 2018-01-09 22:59:58

End at: 2018-01-09 23:00:28

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 54.659 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 54.753 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 54.593 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 51.665 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link



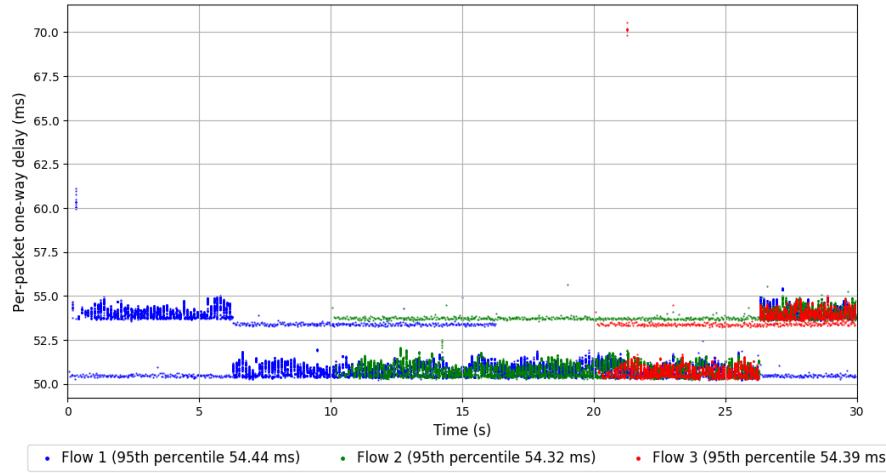
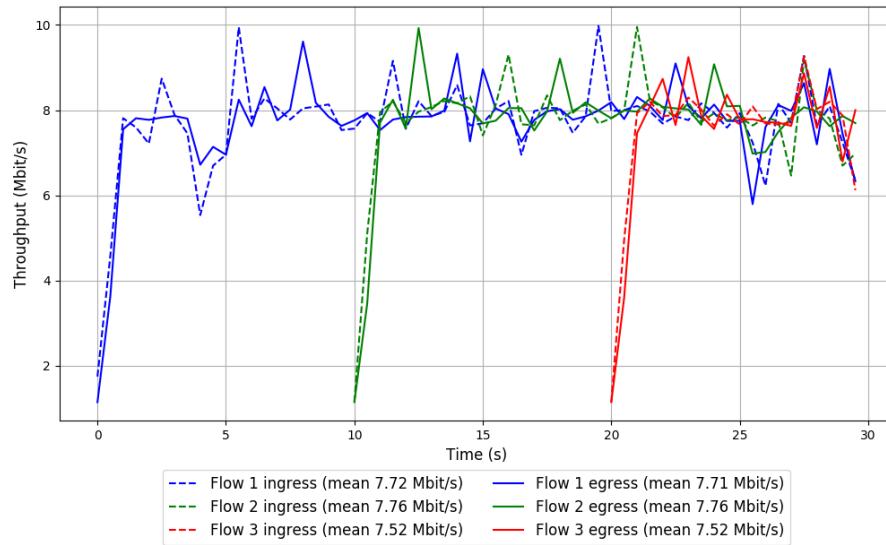
Run 4: Statistics of Sprout

Start at: 2018-01-09 23:13:42

End at: 2018-01-09 23:14:12

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 54.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 54.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.76 Mbit/s
95th percentile per-packet one-way delay: 54.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 54.390 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

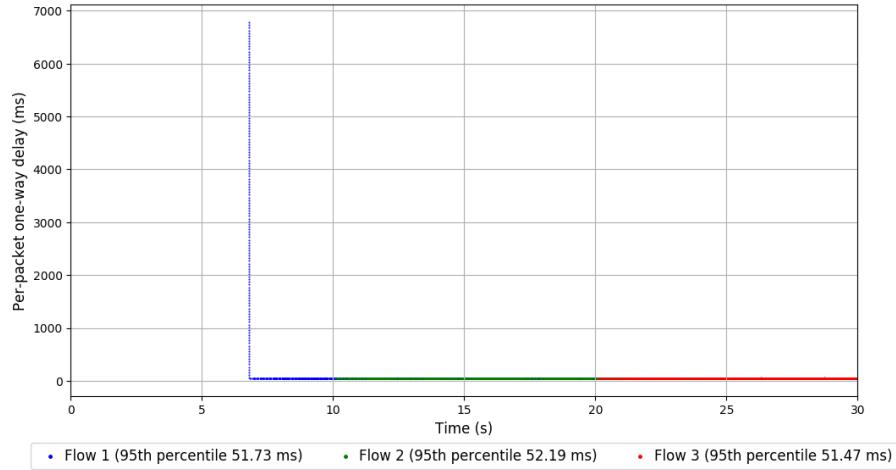
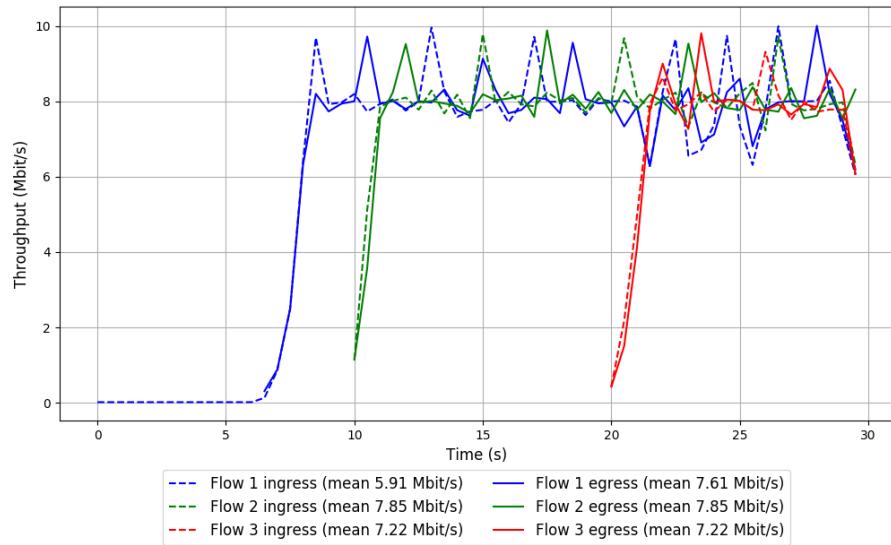


Run 5: Statistics of Sprout

Start at: 2018-01-09 23:27:36

End at: 2018-01-09 23:28:06

Run 5: Report of Sprout — Data Link



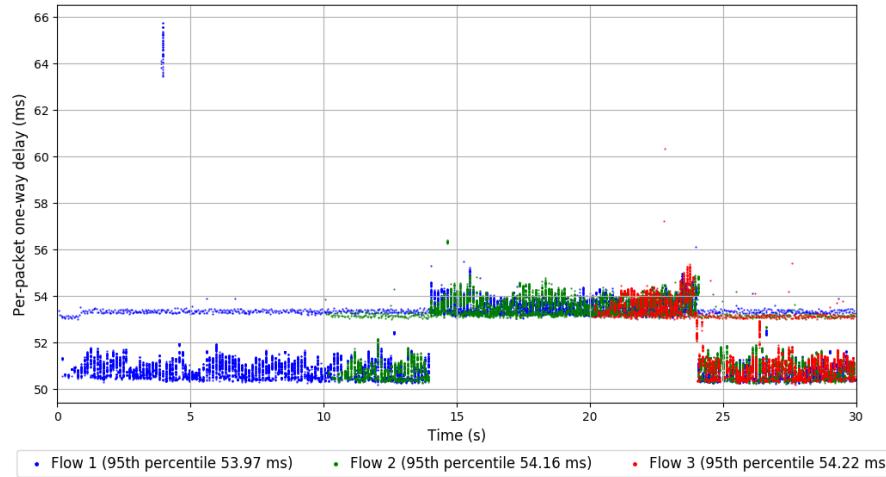
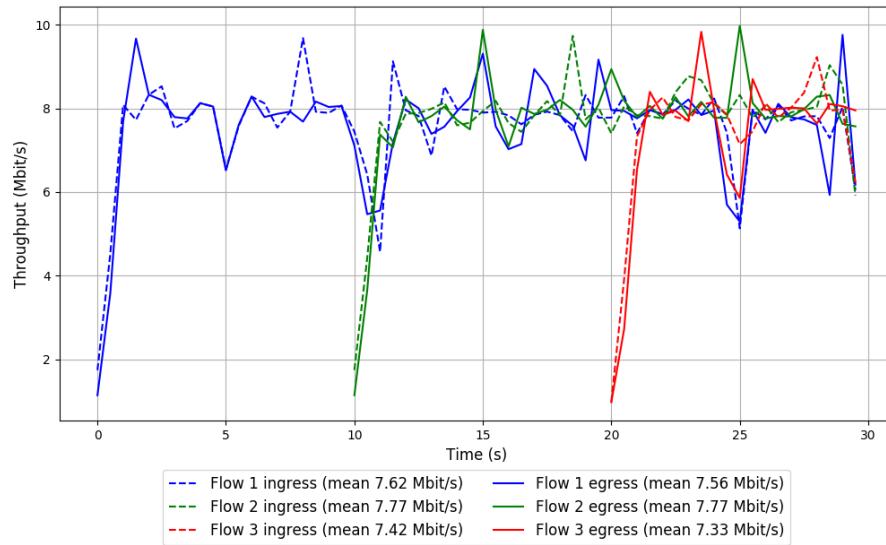
Run 6: Statistics of Sprout

Start at: 2018-01-09 23:41:24

End at: 2018-01-09 23:41:54

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 54.100 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 53.965 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 54.162 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 54.216 ms
Loss rate: 1.17%
```

Run 6: Report of Sprout — Data Link



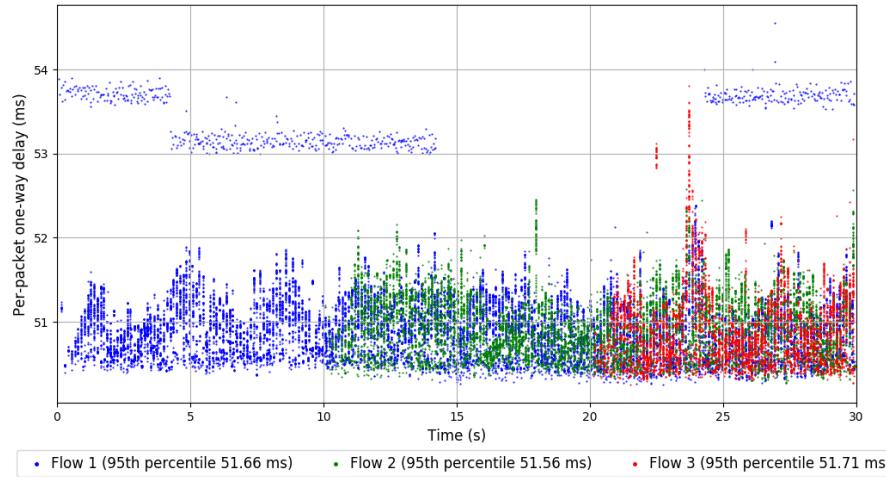
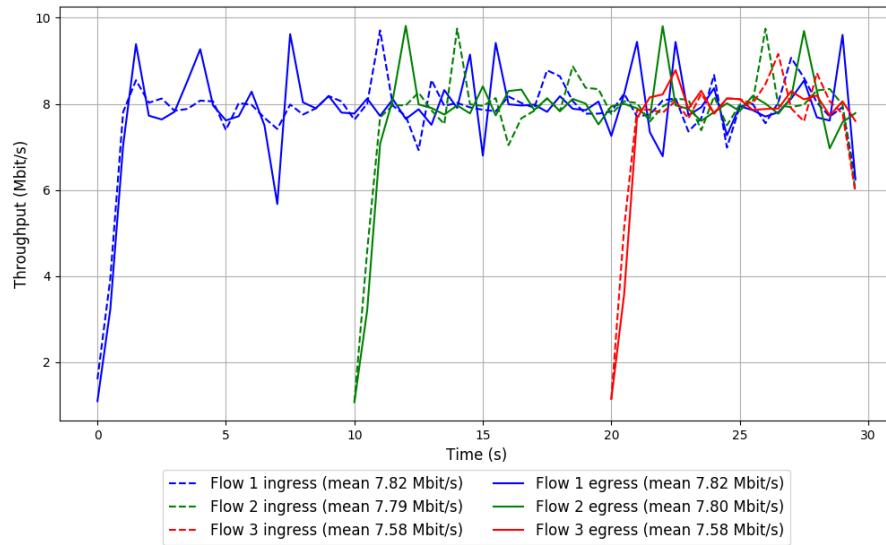
Run 7: Statistics of Sprout

Start at: 2018-01-09 23:55:14

End at: 2018-01-09 23:55:44

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 51.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 51.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.80 Mbit/s
95th percentile per-packet one-way delay: 51.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.58 Mbit/s
95th percentile per-packet one-way delay: 51.708 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link



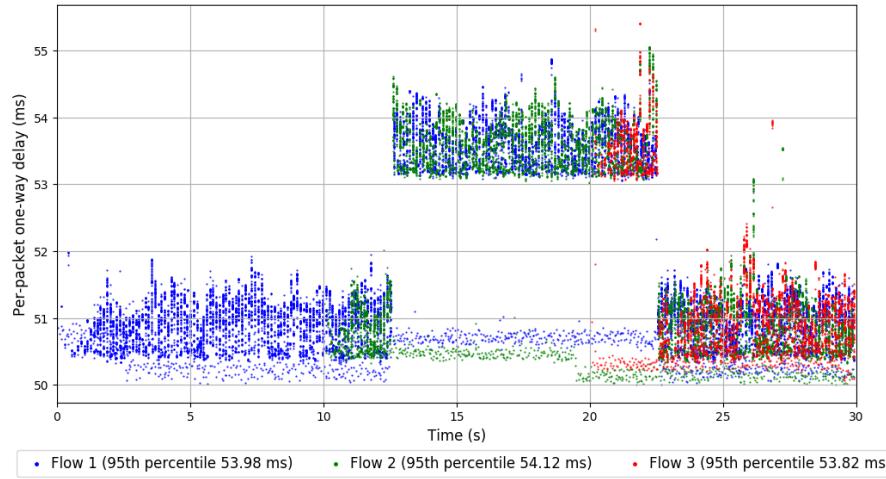
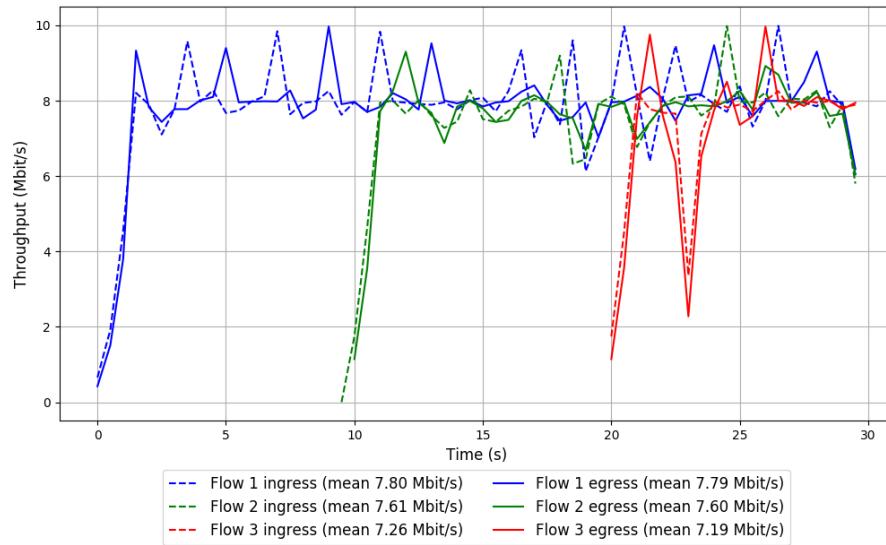
Run 8: Statistics of Sprout

Start at: 2018-01-10 00:08:46

End at: 2018-01-10 00:09:16

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 7.79 Mbit/s
95th percentile per-packet one-way delay: 53.980 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 54.120 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 53.816 ms
Loss rate: 1.06%
```

Run 8: Report of Sprout — Data Link



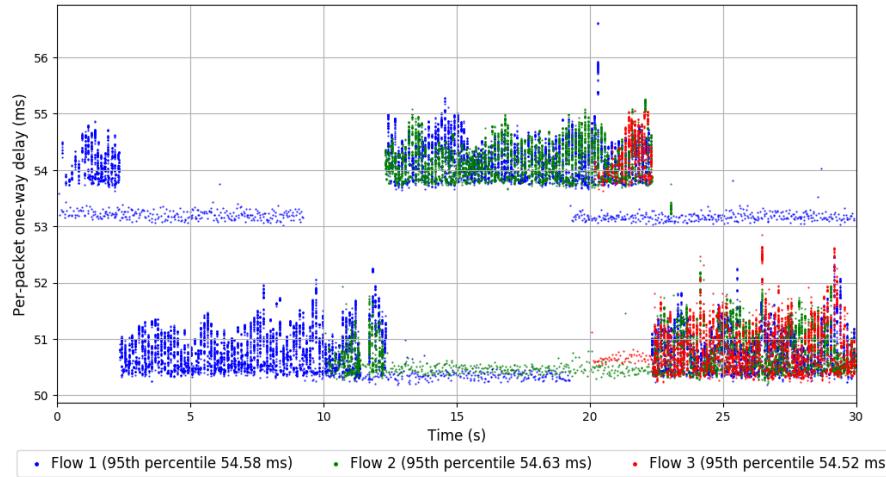
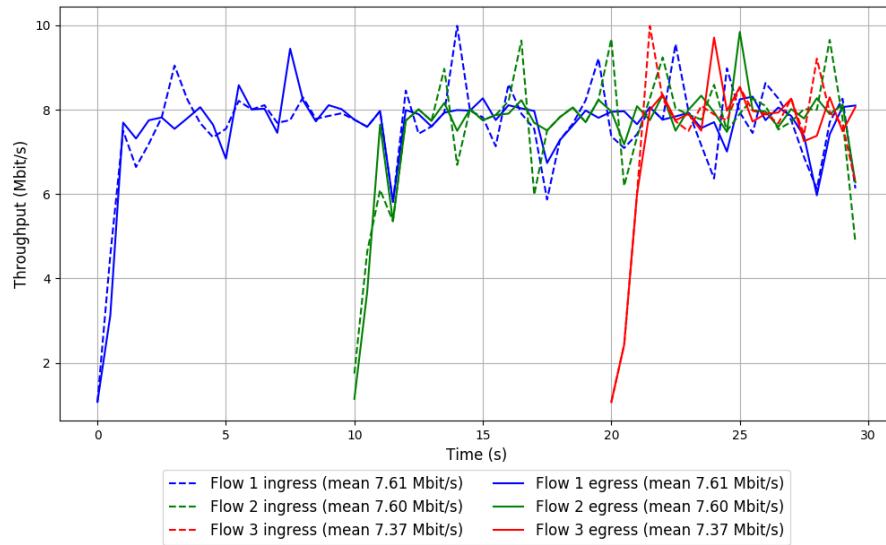
Run 9: Statistics of Sprout

Start at: 2018-01-10 00:22:56

End at: 2018-01-10 00:23:26

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.10 Mbit/s
95th percentile per-packet one-way delay: 54.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 54.584 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 54.631 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 54.519 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link



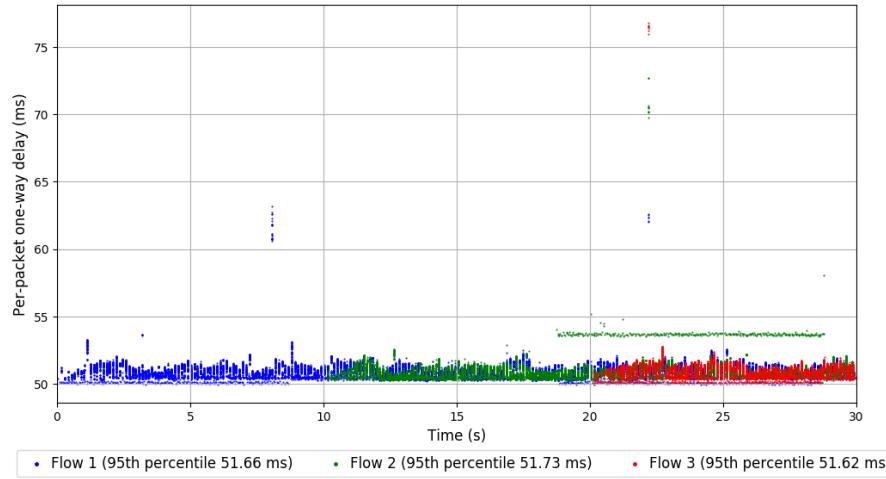
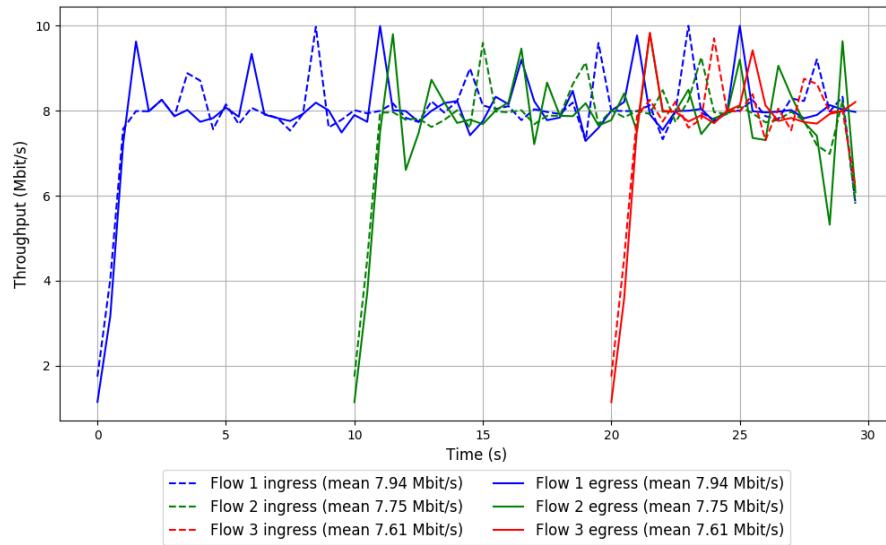
Run 10: Statistics of Sprout

Start at: 2018-01-10 00:37:06

End at: 2018-01-10 00:37:36

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 51.666 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 51.657 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 7.75 Mbit/s
95th percentile per-packet one-way delay: 51.735 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 51.619 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

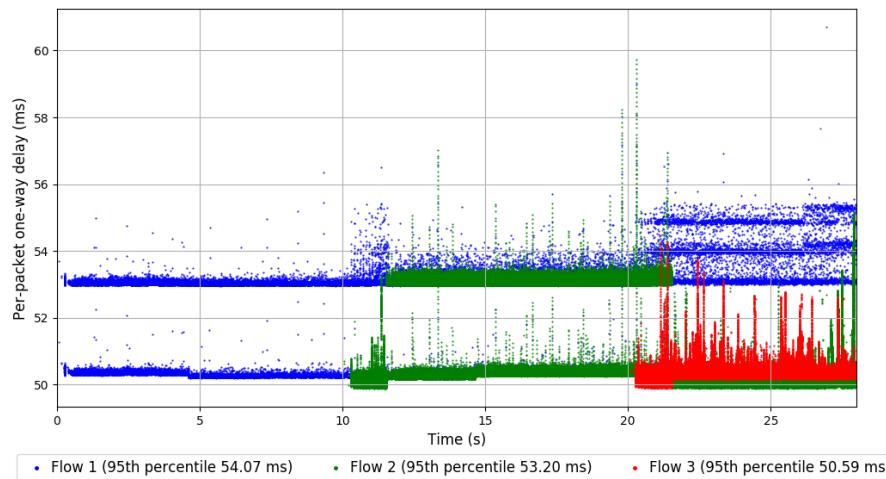
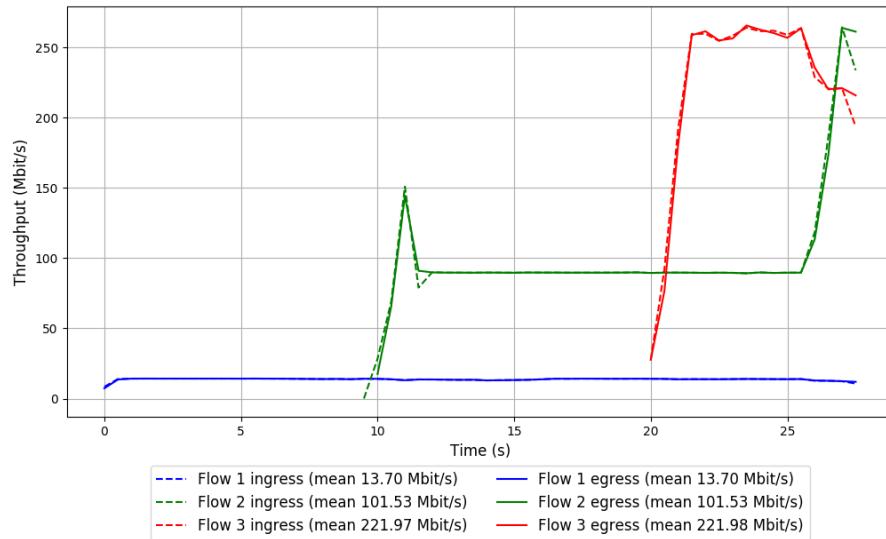


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-09 22:29:52
End at: 2018-01-09 22:30:22

# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.91 Mbit/s
95th percentile per-packet one-way delay: 53.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.70 Mbit/s
95th percentile per-packet one-way delay: 54.066 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 101.53 Mbit/s
95th percentile per-packet one-way delay: 53.201 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 221.98 Mbit/s
95th percentile per-packet one-way delay: 50.586 ms
Loss rate: 0.00%
```

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



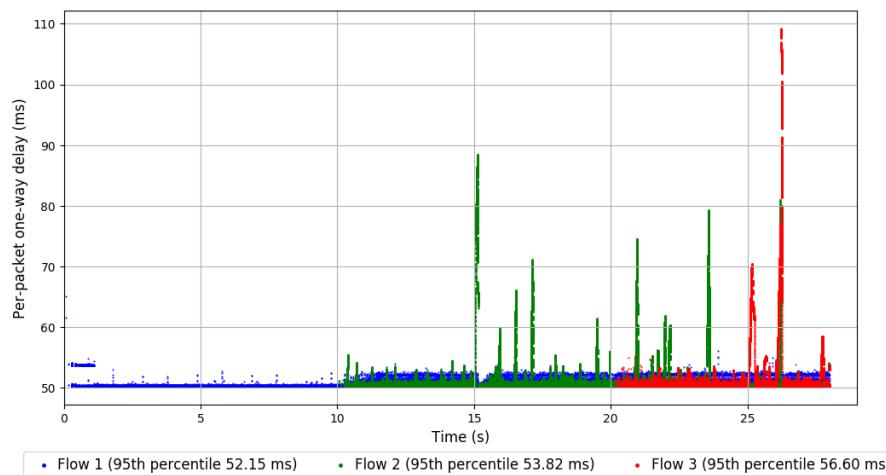
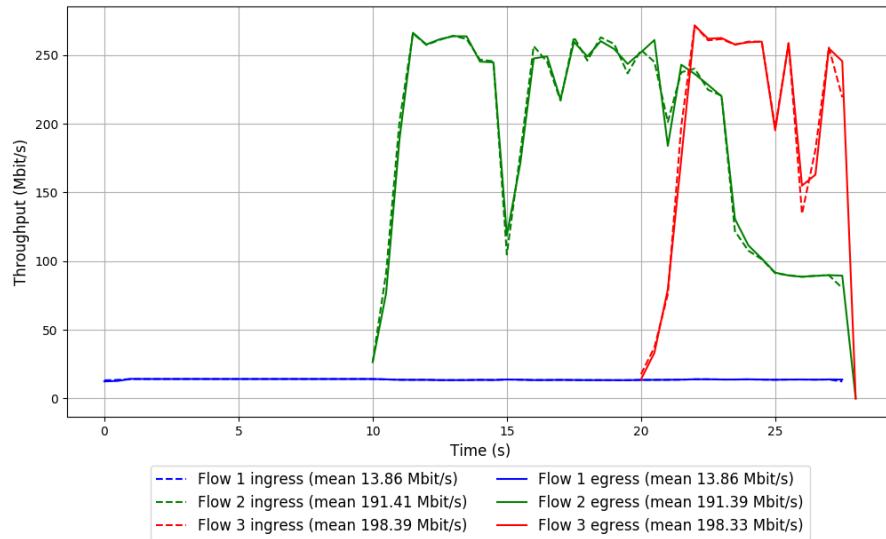
Run 2: Statistics of TaoVA-100x

Start at: 2018-01-09 22:43:25

End at: 2018-01-09 22:43:55

```
# Below is generated by plot.py at 2018-01-10 02:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 193.09 Mbit/s
95th percentile per-packet one-way delay: 54.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 52.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.39 Mbit/s
95th percentile per-packet one-way delay: 53.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 198.33 Mbit/s
95th percentile per-packet one-way delay: 56.603 ms
Loss rate: 0.00%
```

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



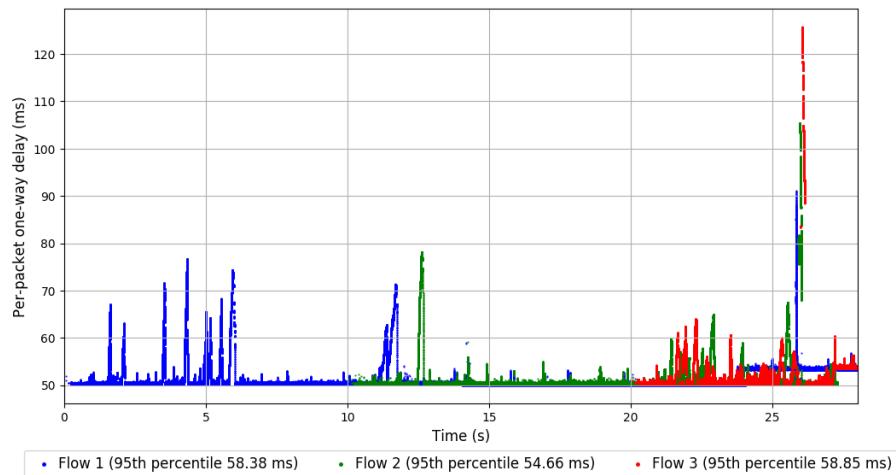
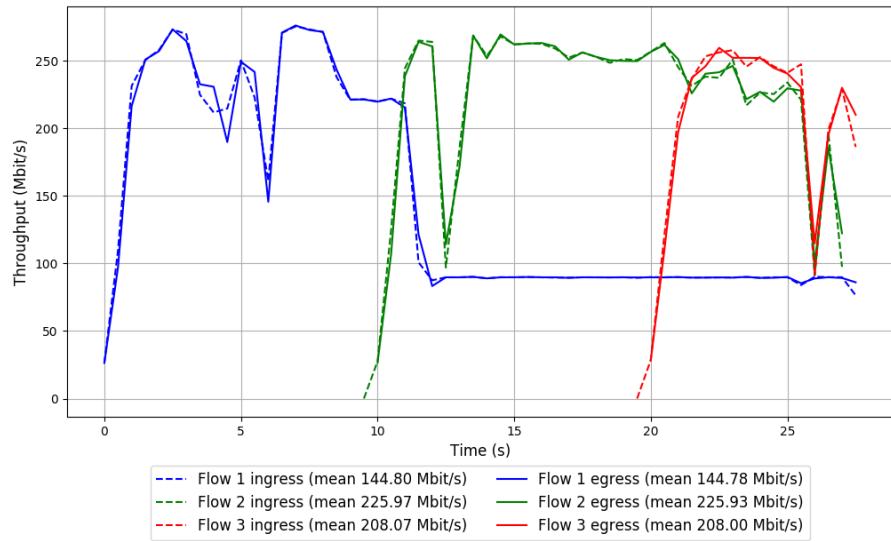
Run 3: Statistics of TaoVA-100x

Start at: 2018-01-09 22:57:19

End at: 2018-01-09 22:57:49

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 343.36 Mbit/s
95th percentile per-packet one-way delay: 57.269 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.78 Mbit/s
95th percentile per-packet one-way delay: 58.376 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 225.93 Mbit/s
95th percentile per-packet one-way delay: 54.663 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 208.00 Mbit/s
95th percentile per-packet one-way delay: 58.850 ms
Loss rate: 0.00%
```

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



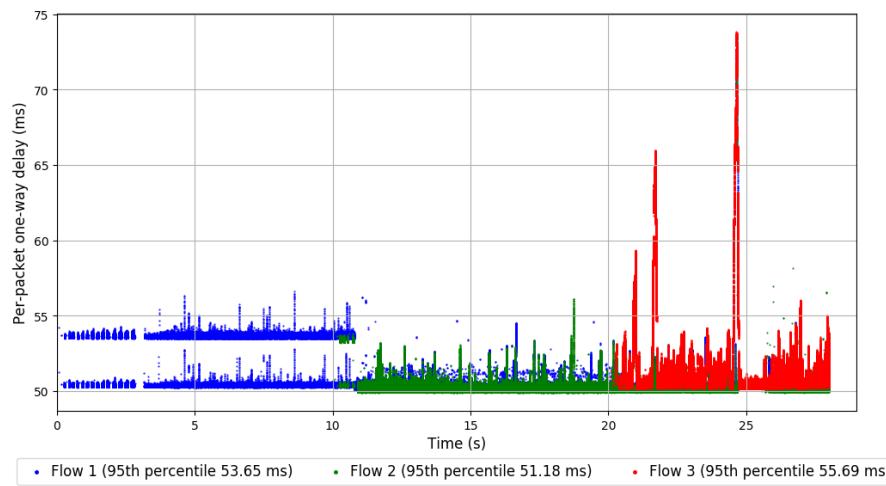
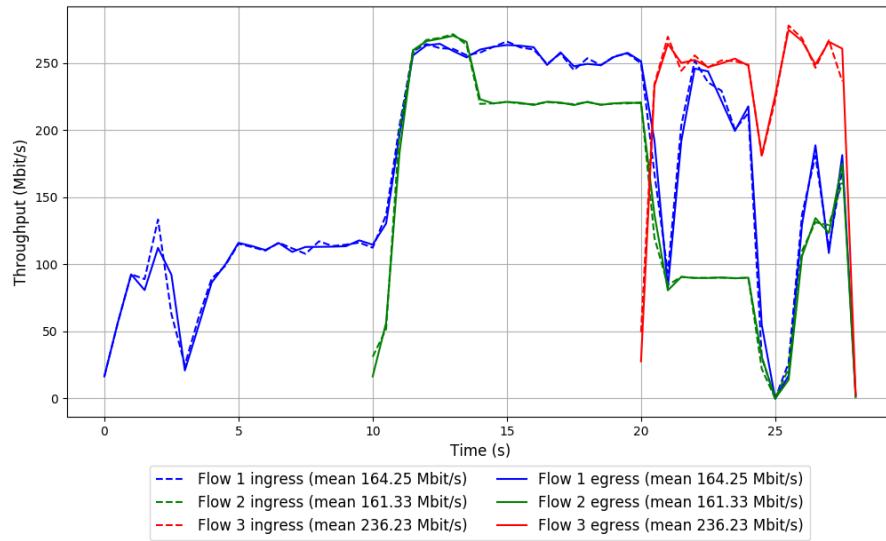
Run 4: Statistics of TaoVA-100x

Start at: 2018-01-09 23:11:02

End at: 2018-01-09 23:11:32

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 334.89 Mbit/s
95th percentile per-packet one-way delay: 53.617 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 164.25 Mbit/s
95th percentile per-packet one-way delay: 53.650 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.33 Mbit/s
95th percentile per-packet one-way delay: 51.179 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 236.23 Mbit/s
95th percentile per-packet one-way delay: 55.685 ms
Loss rate: 0.00%
```

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



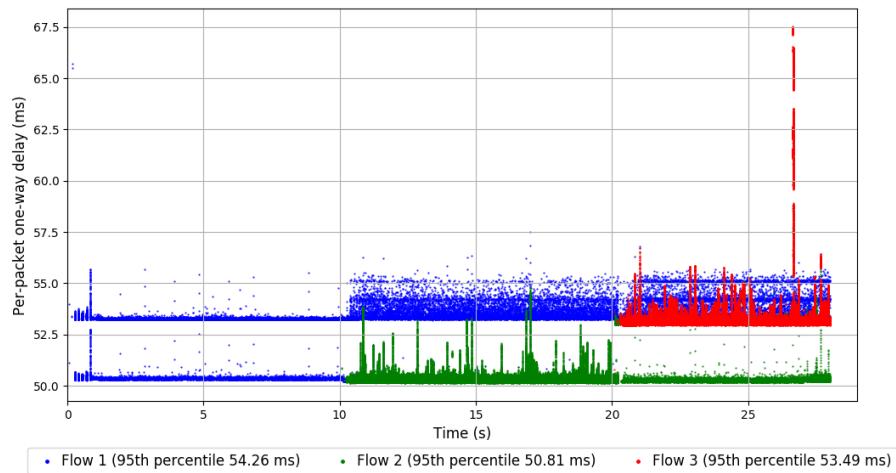
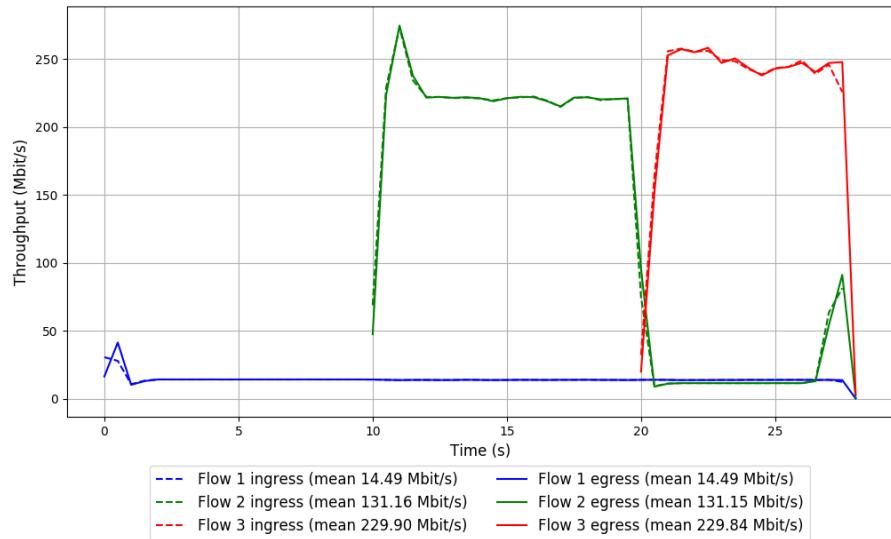
Run 5: Statistics of TaoVA-100x

Start at: 2018-01-09 23:25:06

End at: 2018-01-09 23:25:36

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 163.91 Mbit/s
95th percentile per-packet one-way delay: 53.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 54.255 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 131.15 Mbit/s
95th percentile per-packet one-way delay: 50.812 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 229.84 Mbit/s
95th percentile per-packet one-way delay: 53.491 ms
Loss rate: 0.00%
```

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



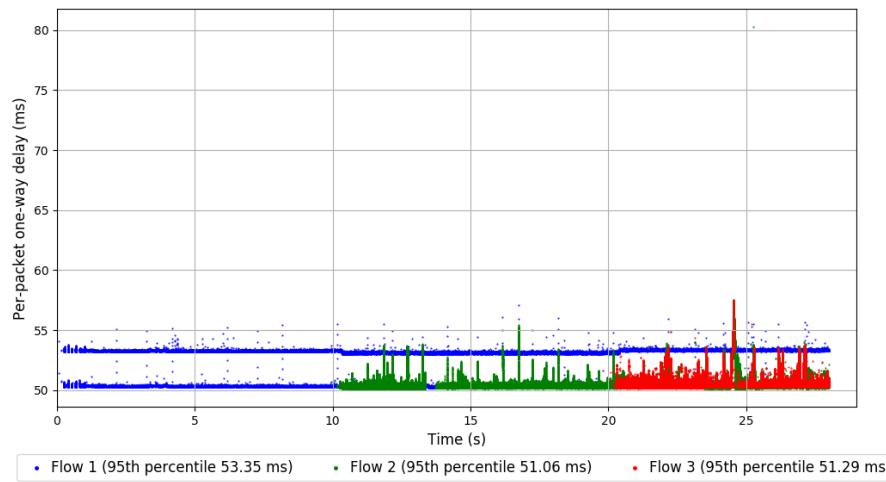
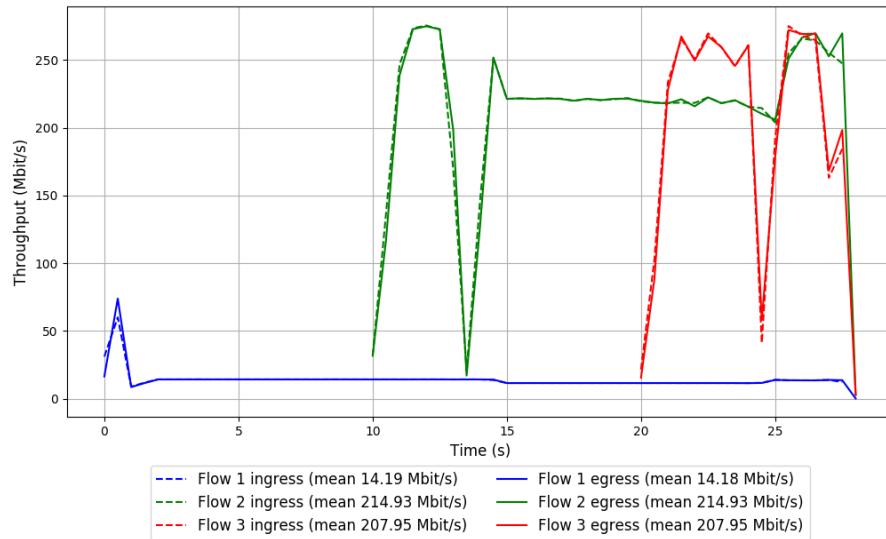
Run 6: Statistics of TaoVA-100x

Start at: 2018-01-09 23:38:53

End at: 2018-01-09 23:39:23

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.17 Mbit/s
95th percentile per-packet one-way delay: 52.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.18 Mbit/s
95th percentile per-packet one-way delay: 53.348 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 214.93 Mbit/s
95th percentile per-packet one-way delay: 51.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 207.95 Mbit/s
95th percentile per-packet one-way delay: 51.287 ms
Loss rate: 0.00%
```

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



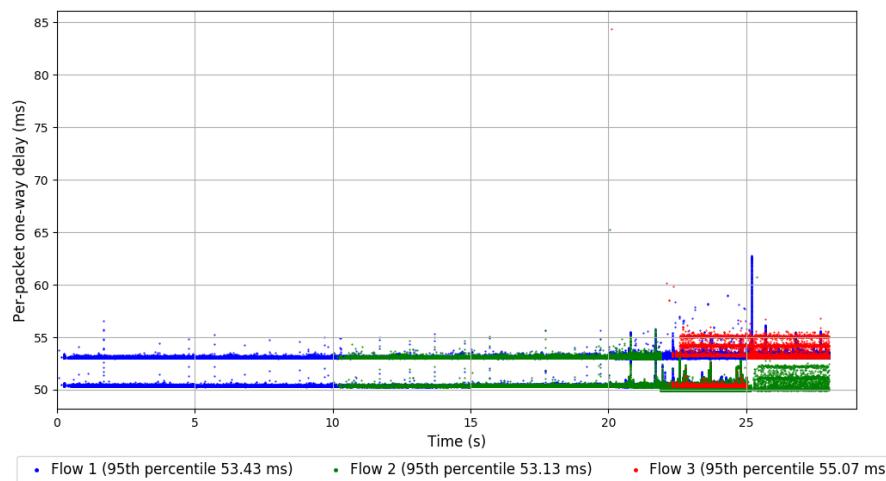
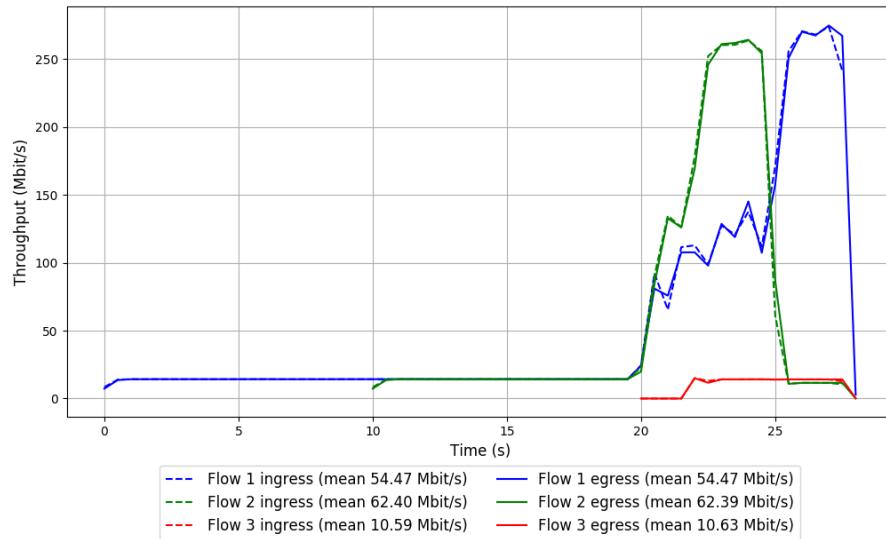
Run 7: Statistics of TaoVA-100x

Start at: 2018-01-09 23:52:51

End at: 2018-01-09 23:53:21

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 53.392 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.47 Mbit/s
95th percentile per-packet one-way delay: 53.430 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 62.39 Mbit/s
95th percentile per-packet one-way delay: 53.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 55.068 ms
Loss rate: 0.02%
```

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



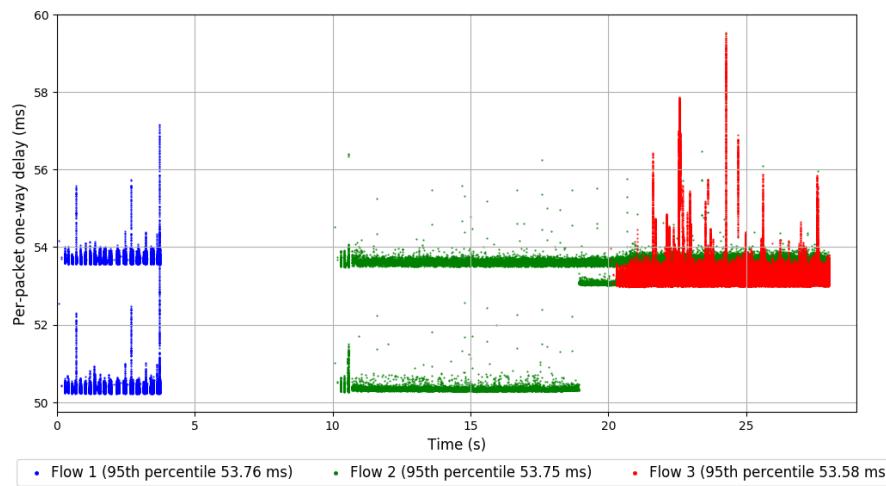
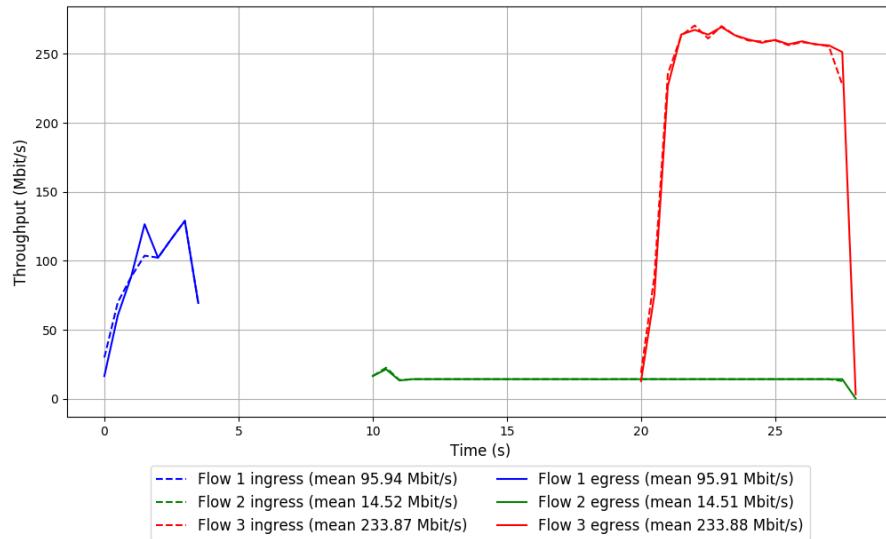
Run 8: Statistics of TaoVA-100x

Start at: 2018-01-10 00:06:27

End at: 2018-01-10 00:06:57

```
# Below is generated by plot.py at 2018-01-10 02:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 53.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 53.764 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 53.750 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 233.88 Mbit/s
95th percentile per-packet one-way delay: 53.576 ms
Loss rate: 0.00%
```

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



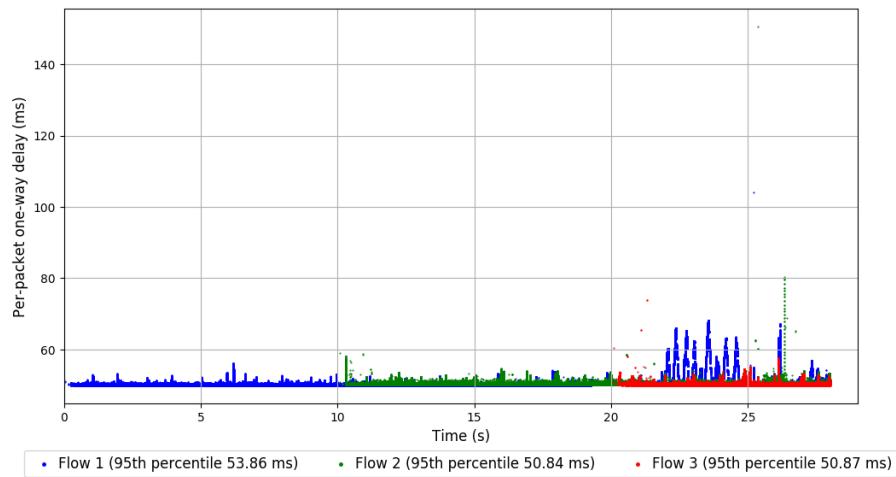
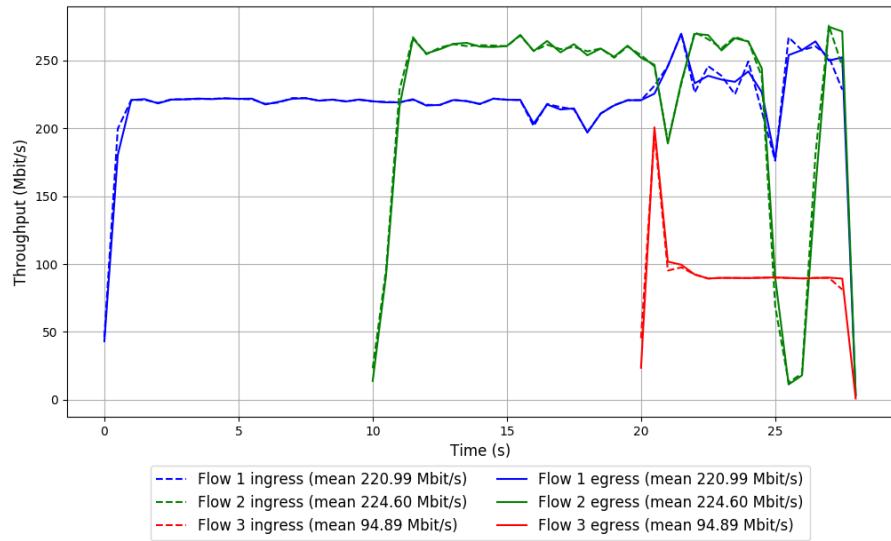
Run 9: Statistics of TaoVA-100x

Start at: 2018-01-10 00:20:07

End at: 2018-01-10 00:20:37

```
# Below is generated by plot.py at 2018-01-10 03:00:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 391.96 Mbit/s
95th percentile per-packet one-way delay: 51.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 220.99 Mbit/s
95th percentile per-packet one-way delay: 53.859 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 224.60 Mbit/s
95th percentile per-packet one-way delay: 50.843 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 50.872 ms
Loss rate: 0.00%
```

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

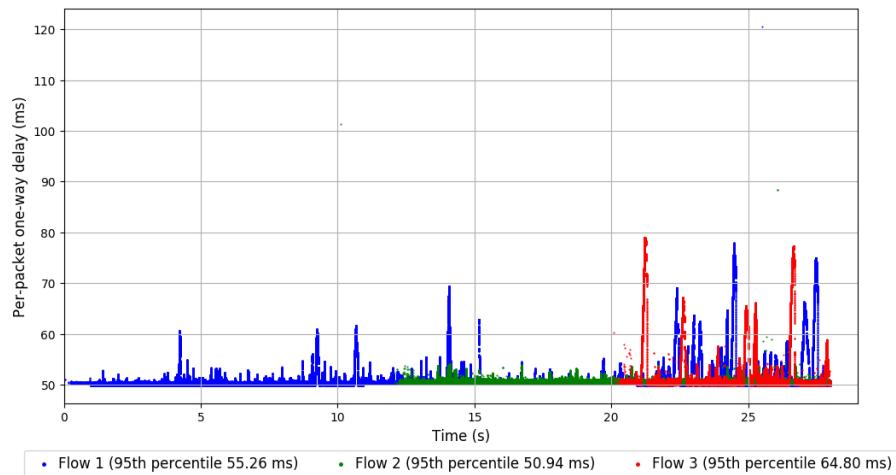
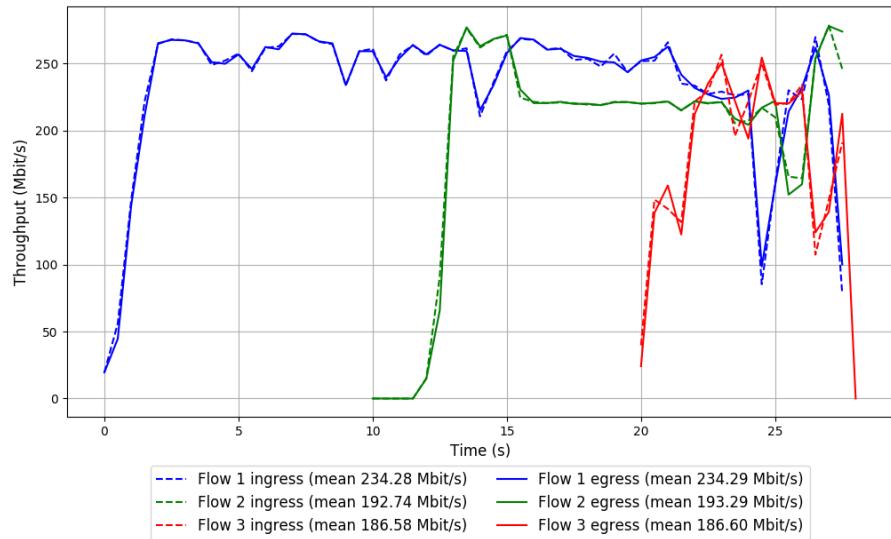


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-01-10 00:34:12
End at: 2018-01-10 00:34:42

# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 410.93 Mbit/s
95th percentile per-packet one-way delay: 54.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 234.29 Mbit/s
95th percentile per-packet one-way delay: 55.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.29 Mbit/s
95th percentile per-packet one-way delay: 50.942 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 186.60 Mbit/s
95th percentile per-packet one-way delay: 64.801 ms
Loss rate: 0.00%
```

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

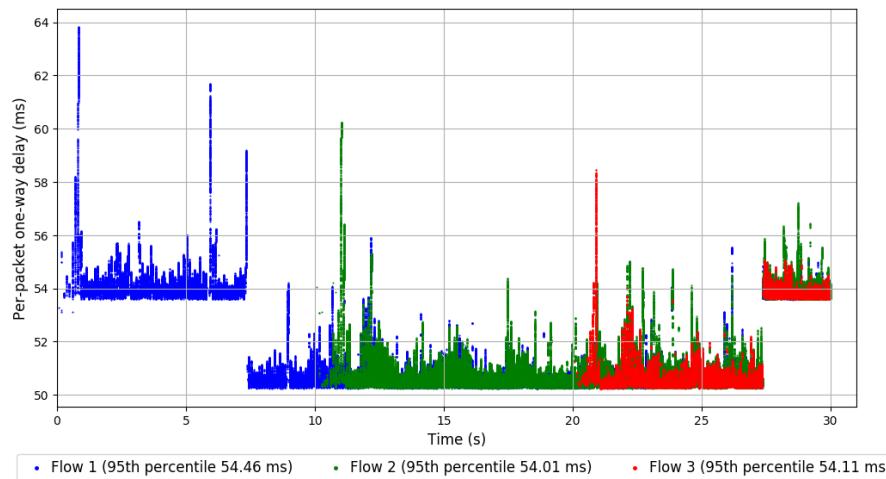
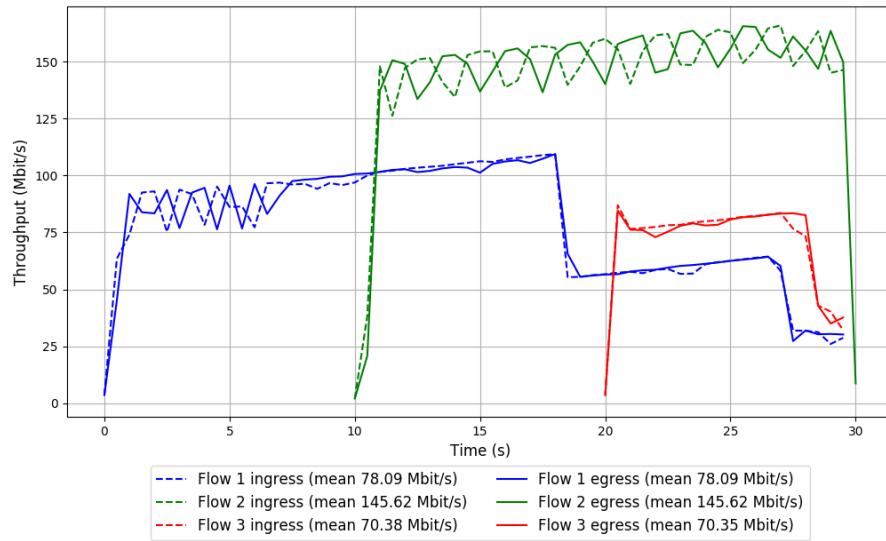


```
Run 1: Statistics of TCP Vegas

Start at: 2018-01-09 22:29:01
End at: 2018-01-09 22:29:31

# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 198.25 Mbit/s
95th percentile per-packet one-way delay: 54.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 54.459 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 145.62 Mbit/s
95th percentile per-packet one-way delay: 54.010 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.35 Mbit/s
95th percentile per-packet one-way delay: 54.113 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link



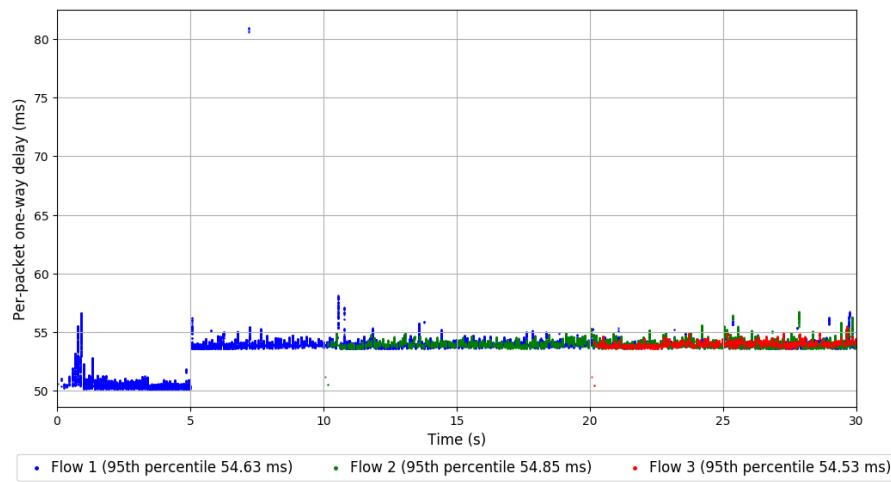
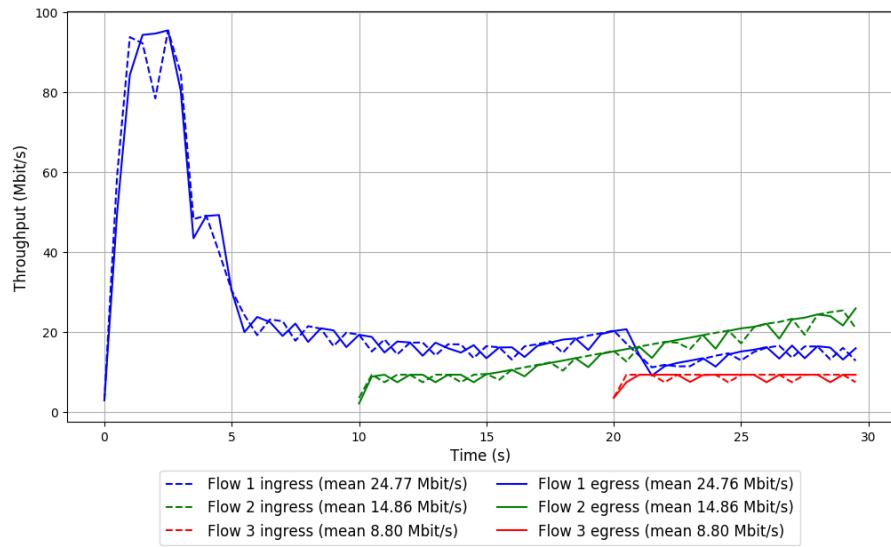
Run 2: Statistics of TCP Vegas

Start at: 2018-01-09 22:42:43

End at: 2018-01-09 22:43:13

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 54.710 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 54.630 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 54.849 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 54.527 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link



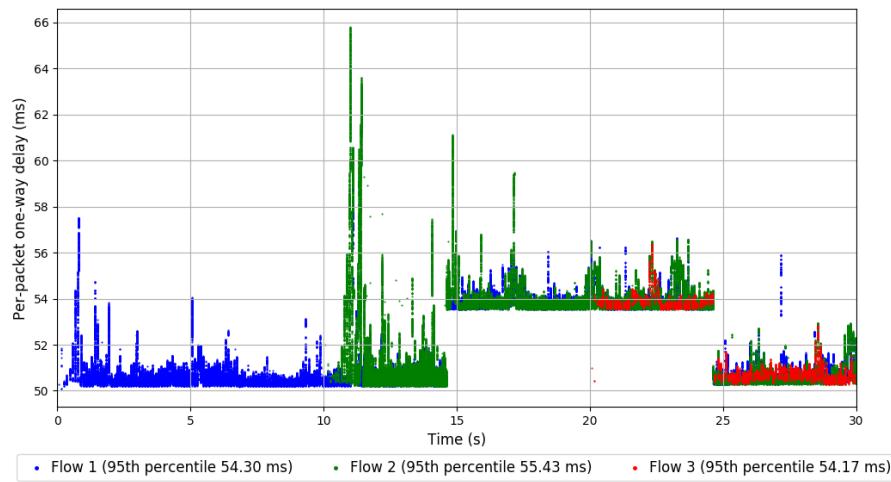
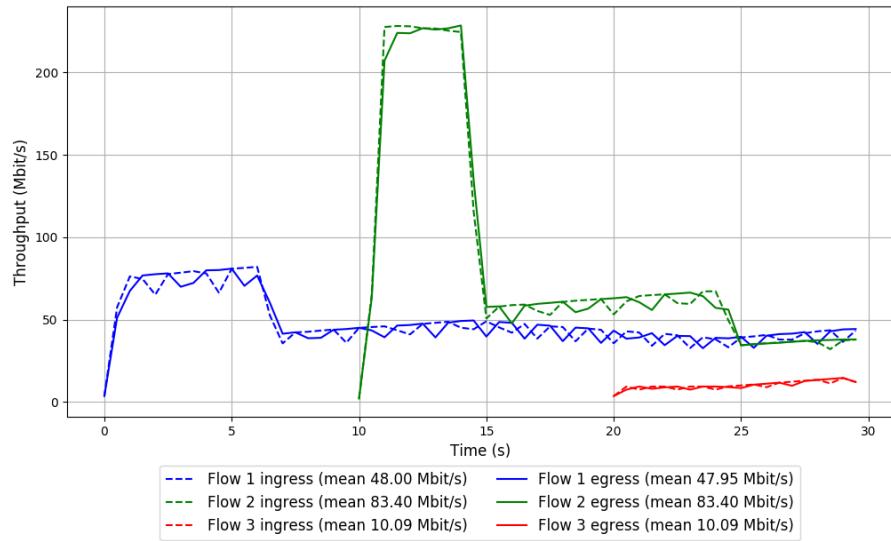
Run 3: Statistics of TCP Vegas

Start at: 2018-01-09 22:56:34

End at: 2018-01-09 22:57:04

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.77 Mbit/s
95th percentile per-packet one-way delay: 54.833 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 54.297 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 83.40 Mbit/s
95th percentile per-packet one-way delay: 55.433 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.09 Mbit/s
95th percentile per-packet one-way delay: 54.166 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link



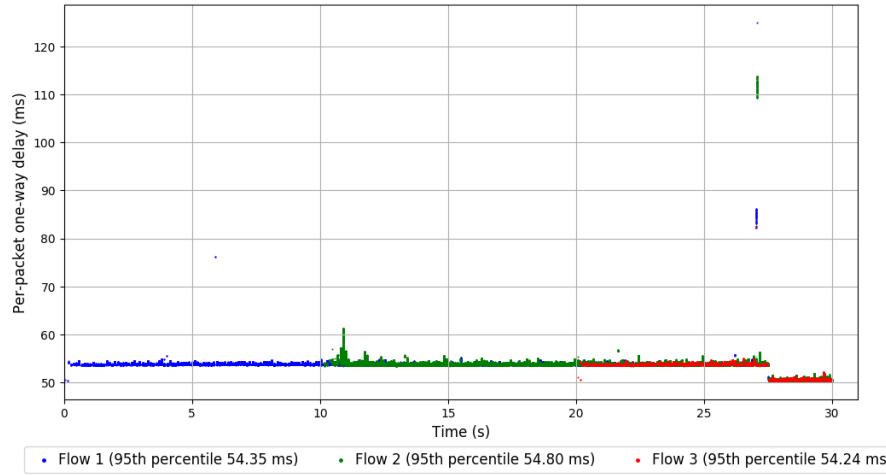
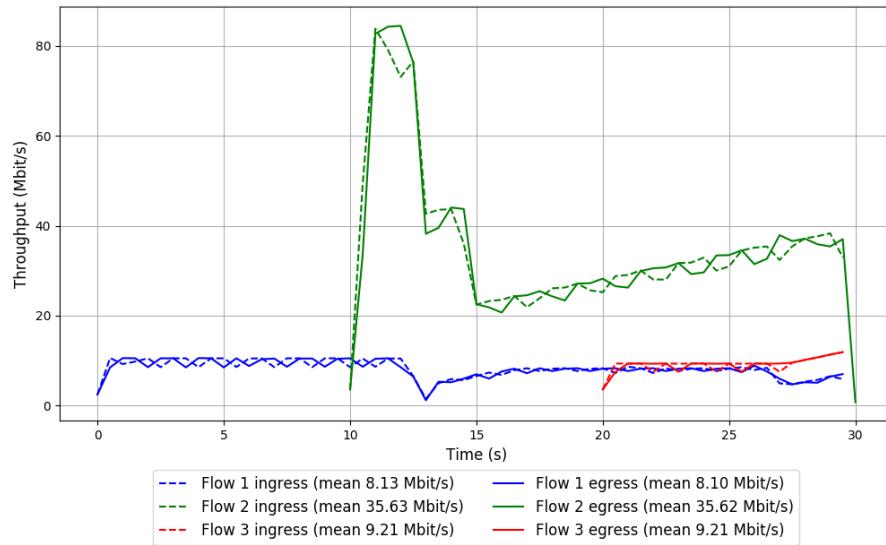
Run 4: Statistics of TCP Vegas

Start at: 2018-01-09 23:10:21

End at: 2018-01-09 23:10:51

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.85 Mbit/s
95th percentile per-packet one-way delay: 54.580 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 54.353 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 54.803 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 54.245 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link



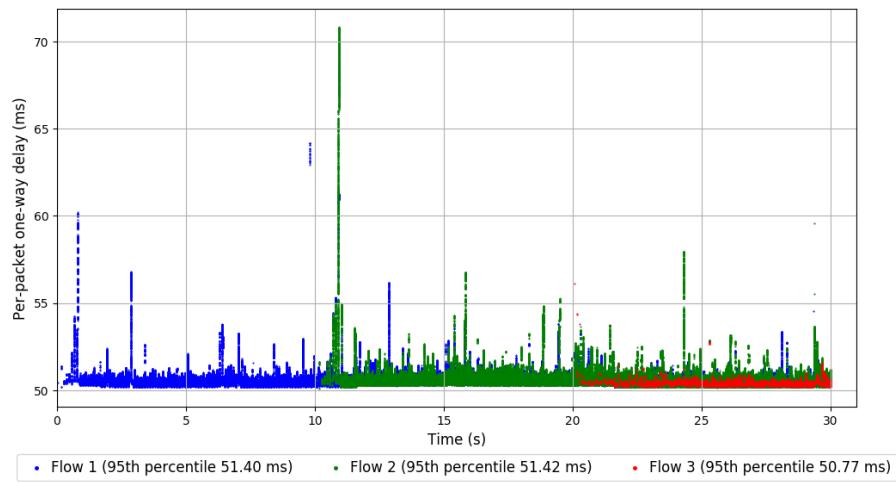
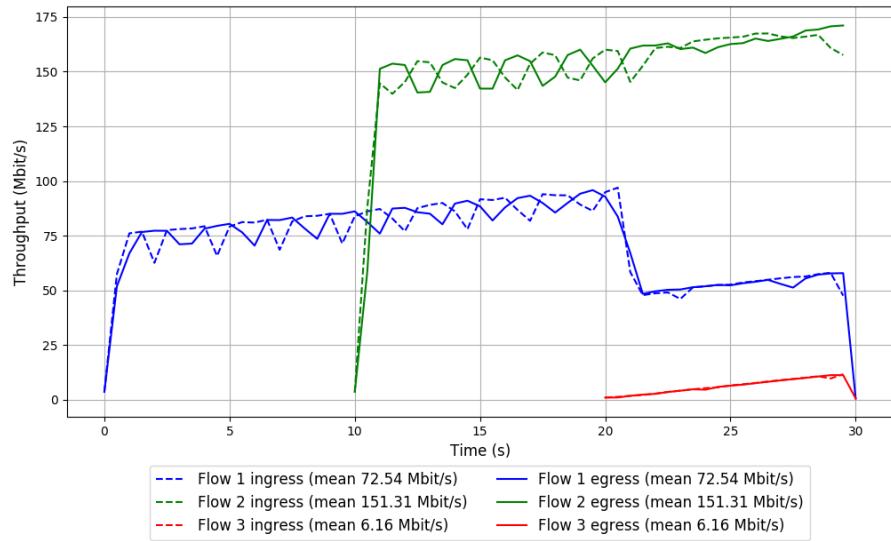
Run 5: Statistics of TCP Vegas

Start at: 2018-01-09 23:24:17

End at: 2018-01-09 23:24:47

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 175.24 Mbit/s
95th percentile per-packet one-way delay: 51.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.54 Mbit/s
95th percentile per-packet one-way delay: 51.403 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 151.31 Mbit/s
95th percentile per-packet one-way delay: 51.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 50.774 ms
Loss rate: 0.04%
```

Run 5: Report of TCP Vegas — Data Link



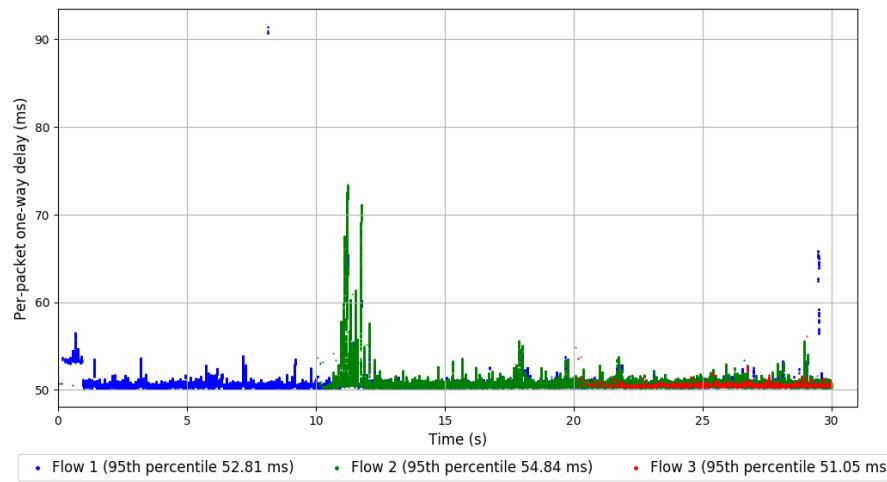
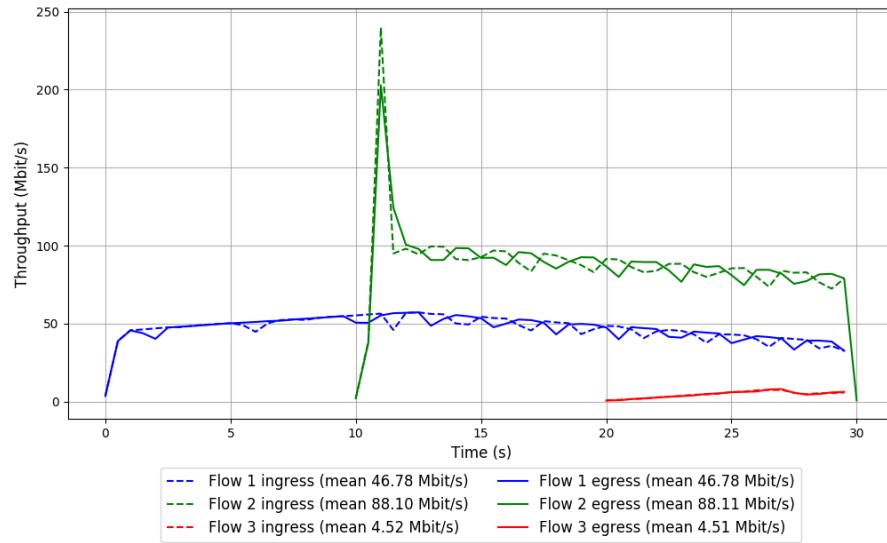
Run 6: Statistics of TCP Vegas

Start at: 2018-01-09 23:38:07

End at: 2018-01-09 23:38:37

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.93 Mbit/s
95th percentile per-packet one-way delay: 53.802 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 52.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 88.11 Mbit/s
95th percentile per-packet one-way delay: 54.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 0.29%
```

Run 6: Report of TCP Vegas — Data Link



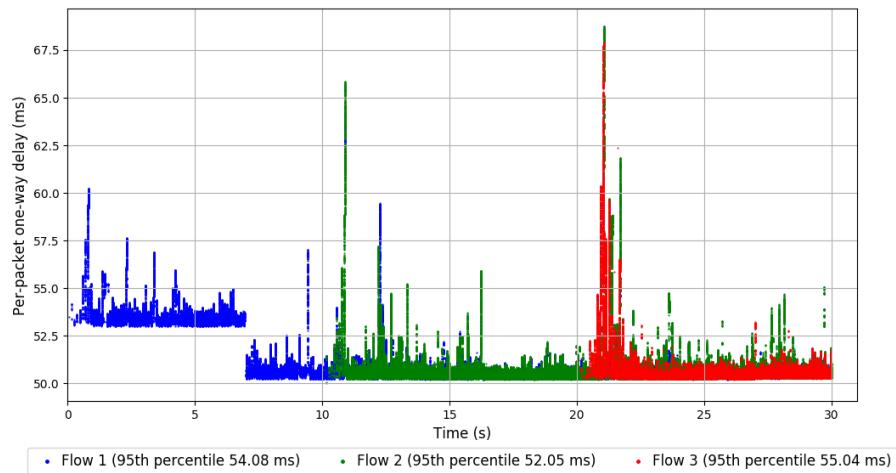
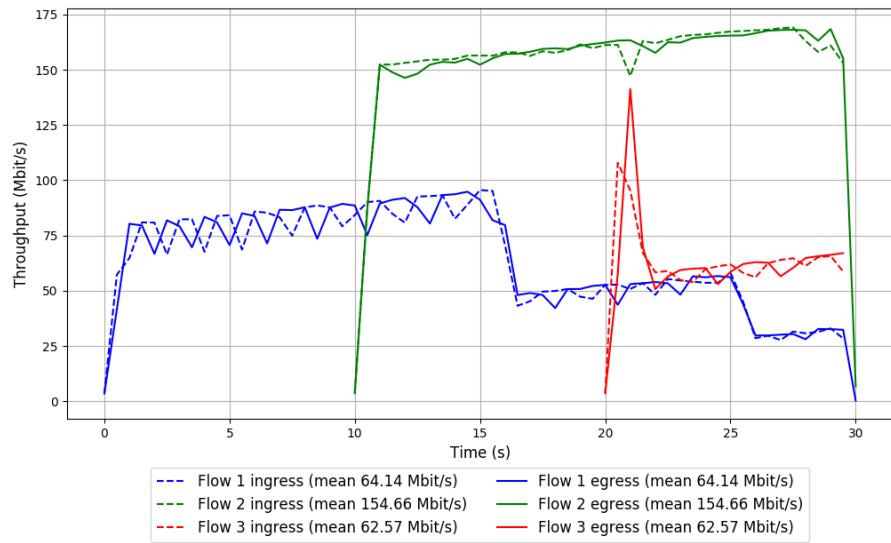
Run 7: Statistics of TCP Vegas

Start at: 2018-01-09 23:52:01

End at: 2018-01-09 23:52:31

```
# Below is generated by plot.py at 2018-01-10 03:00:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 187.80 Mbit/s
95th percentile per-packet one-way delay: 53.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.14 Mbit/s
95th percentile per-packet one-way delay: 54.075 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 154.66 Mbit/s
95th percentile per-packet one-way delay: 52.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.57 Mbit/s
95th percentile per-packet one-way delay: 55.042 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link



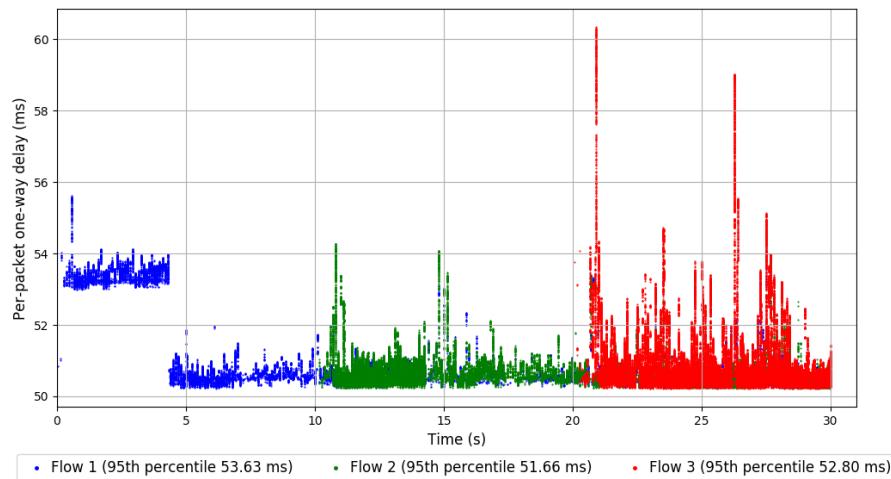
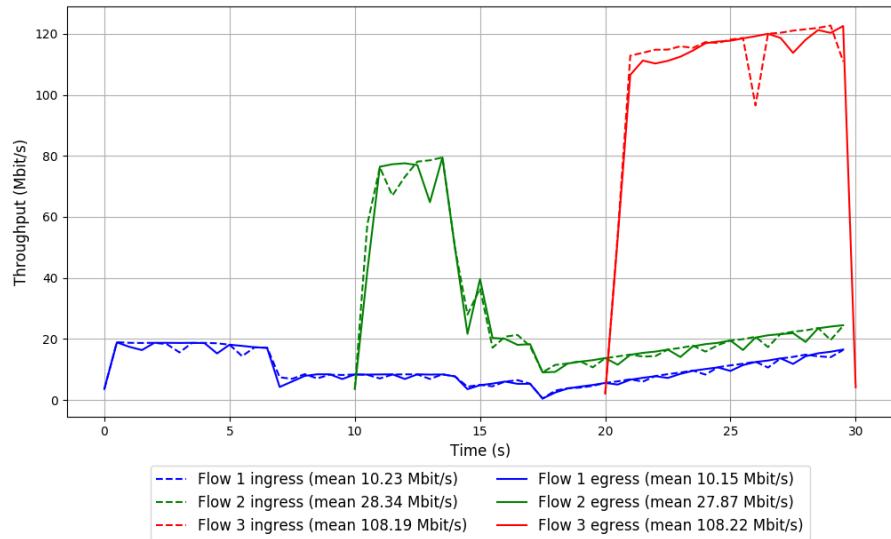
Run 8: Statistics of TCP Vegas

Start at: 2018-01-10 00:05:44

End at: 2018-01-10 00:06:14

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 53.256 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 10.15 Mbit/s
95th percentile per-packet one-way delay: 53.630 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 51.662 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 108.22 Mbit/s
95th percentile per-packet one-way delay: 52.804 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link



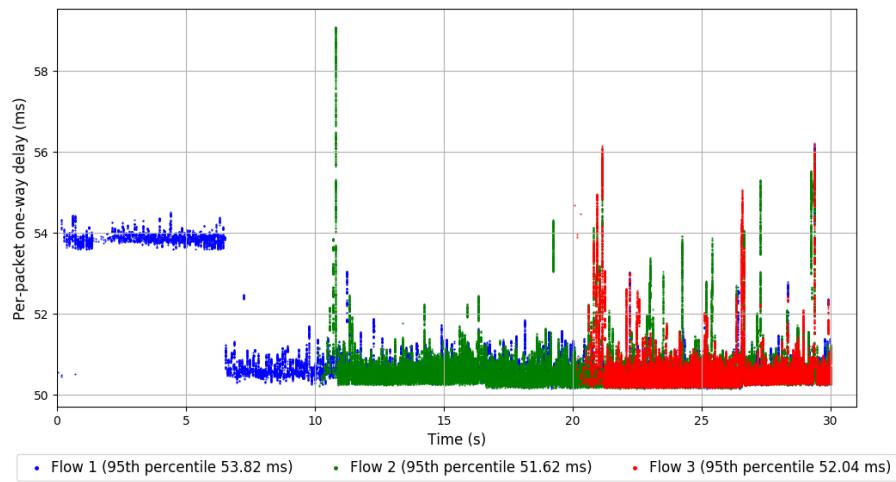
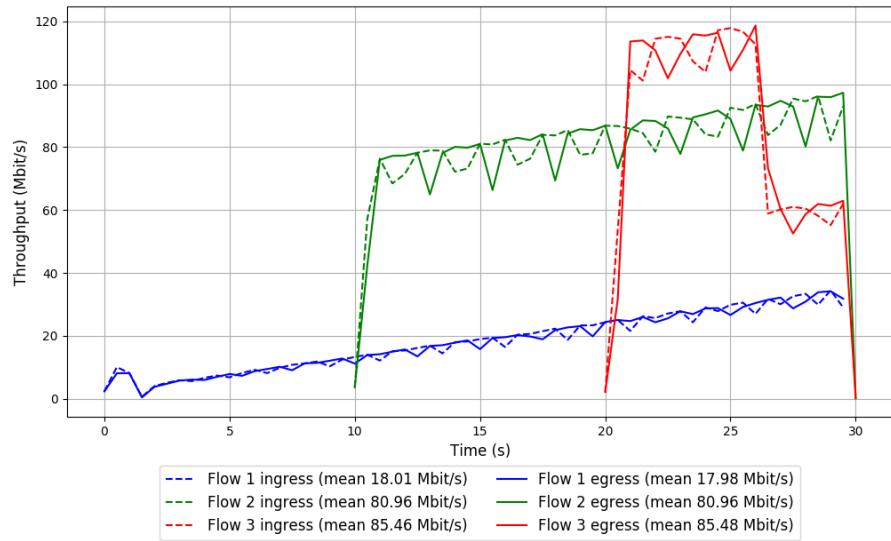
Run 9: Statistics of TCP Vegas

Start at: 2018-01-10 00:19:22

End at: 2018-01-10 00:19:52

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.19 Mbit/s
95th percentile per-packet one-way delay: 51.965 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 53.824 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 80.96 Mbit/s
95th percentile per-packet one-way delay: 51.615 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.48 Mbit/s
95th percentile per-packet one-way delay: 52.043 ms
Loss rate: 0.02%
```

Run 9: Report of TCP Vegas — Data Link



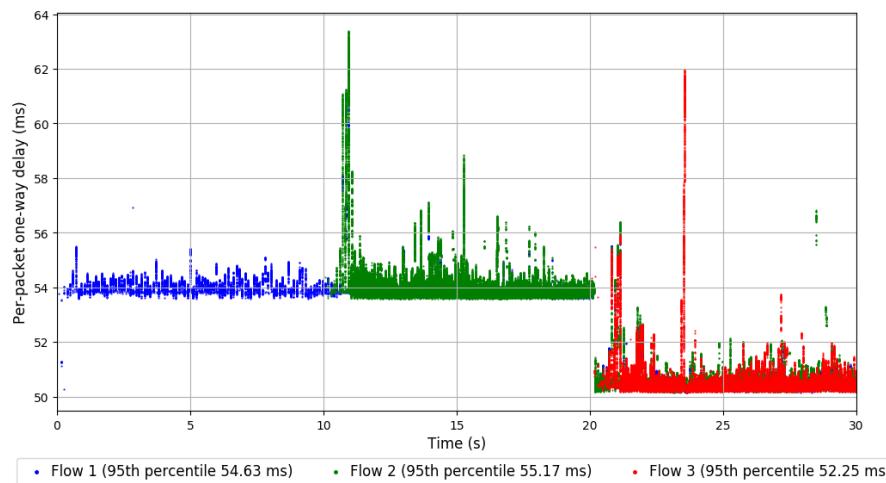
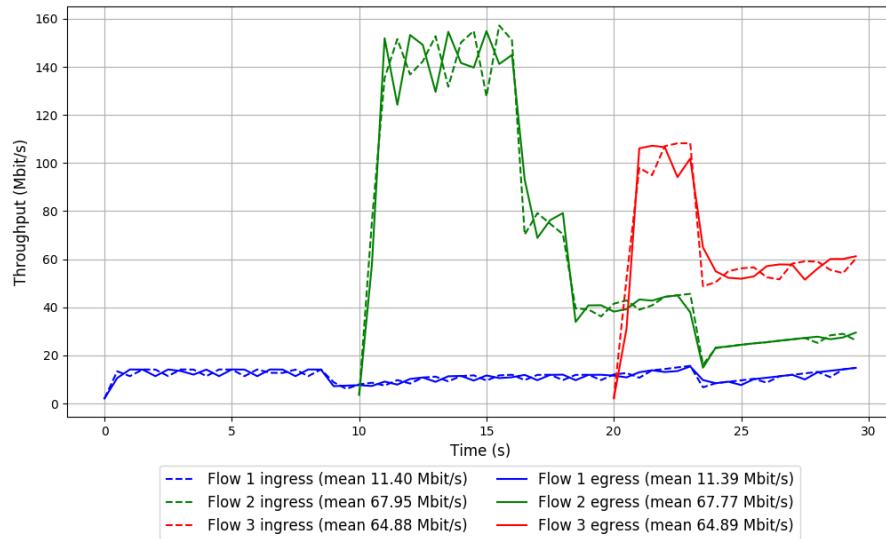
Run 10: Statistics of TCP Vegas

Start at: 2018-01-10 00:33:28

End at: 2018-01-10 00:33:58

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 54.741 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 54.630 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 67.77 Mbit/s
95th percentile per-packet one-way delay: 55.174 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 64.89 Mbit/s
95th percentile per-packet one-way delay: 52.247 ms
Loss rate: 0.02%
```

Run 10: Report of TCP Vegas — Data Link



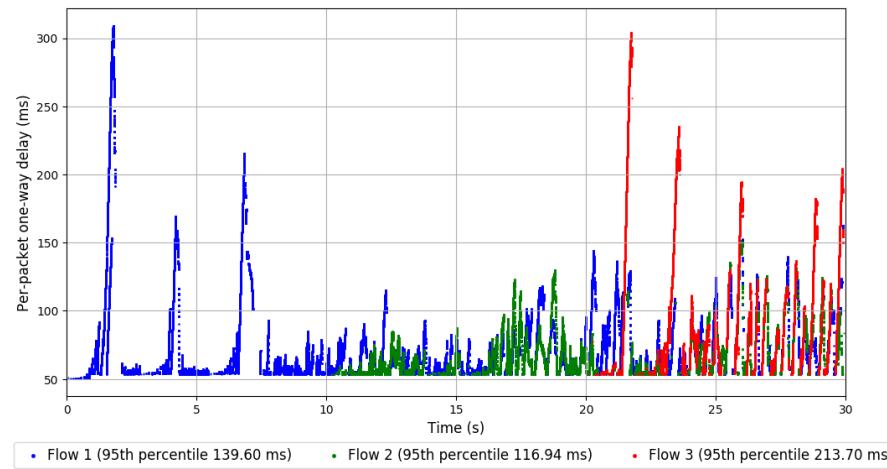
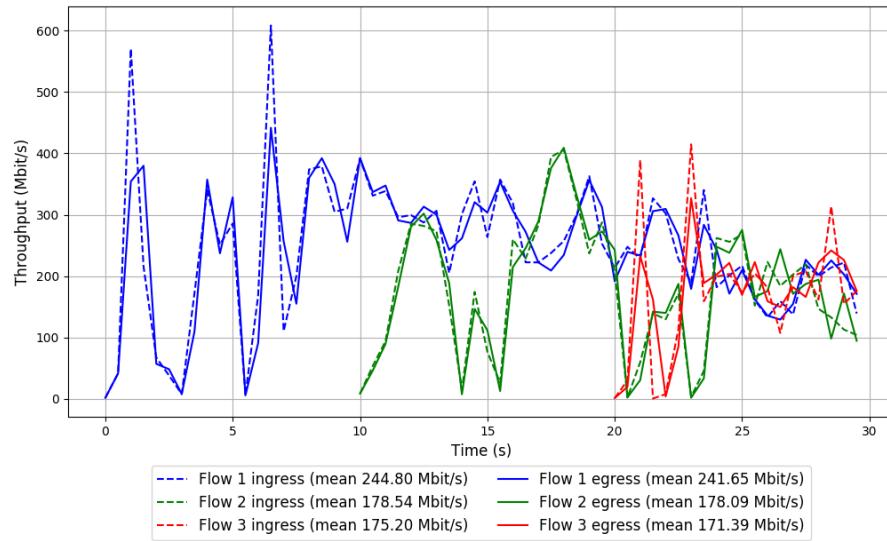
Run 1: Statistics of Verus

Start at: 2018-01-09 22:32:57

End at: 2018-01-09 22:33:27

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.04 Mbit/s
95th percentile per-packet one-way delay: 144.895 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 241.65 Mbit/s
95th percentile per-packet one-way delay: 139.602 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 178.09 Mbit/s
95th percentile per-packet one-way delay: 116.943 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 171.39 Mbit/s
95th percentile per-packet one-way delay: 213.700 ms
Loss rate: 1.21%
```

Run 1: Report of Verus — Data Link



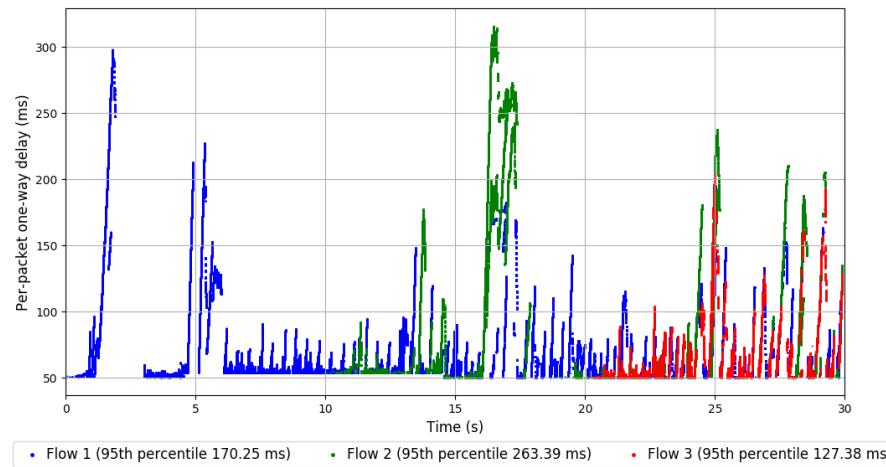
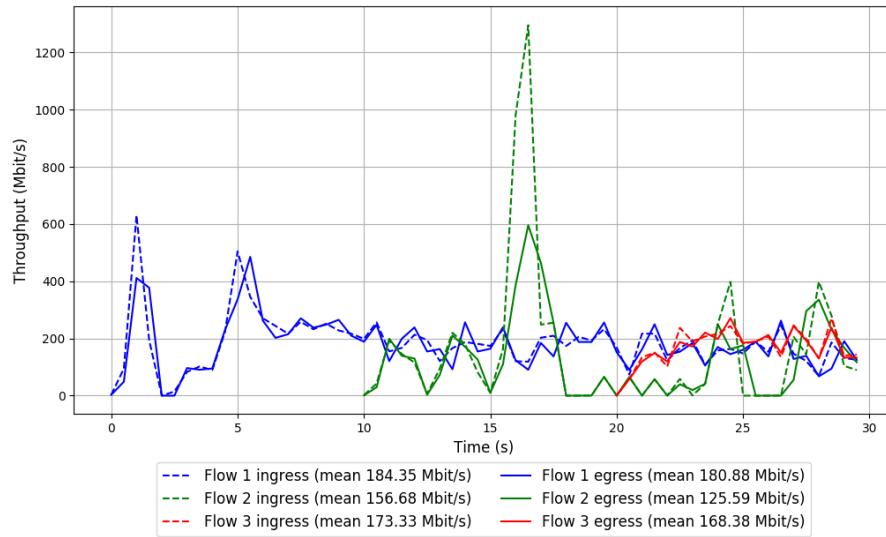
Run 2: Statistics of Verus

Start at: 2018-01-09 22:46:34

End at: 2018-01-09 22:47:04

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 319.14 Mbit/s
95th percentile per-packet one-way delay: 232.782 ms
Loss rate: 7.40%
-- Flow 1:
Average throughput: 180.88 Mbit/s
95th percentile per-packet one-way delay: 170.252 ms
Loss rate: 2.13%
-- Flow 2:
Average throughput: 125.59 Mbit/s
95th percentile per-packet one-way delay: 263.394 ms
Loss rate: 19.54%
-- Flow 3:
Average throughput: 168.38 Mbit/s
95th percentile per-packet one-way delay: 127.380 ms
Loss rate: 2.34%
```

Run 2: Report of Verus — Data Link



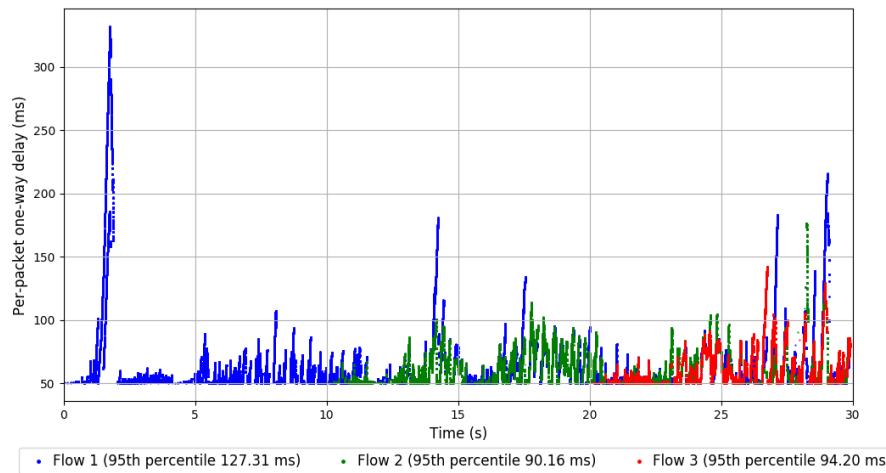
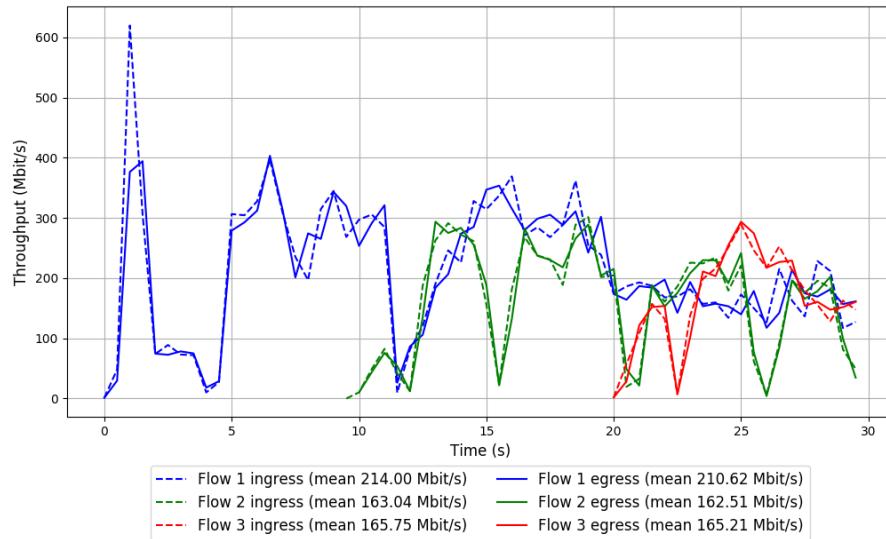
Run 3: Statistics of Verus

Start at: 2018-01-09 23:00:39

End at: 2018-01-09 23:01:09

```
# Below is generated by plot.py at 2018-01-10 03:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 373.11 Mbit/s
95th percentile per-packet one-way delay: 103.127 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 210.62 Mbit/s
95th percentile per-packet one-way delay: 127.315 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 162.51 Mbit/s
95th percentile per-packet one-way delay: 90.161 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 165.21 Mbit/s
95th percentile per-packet one-way delay: 94.200 ms
Loss rate: 0.30%
```

Run 3: Report of Verus — Data Link



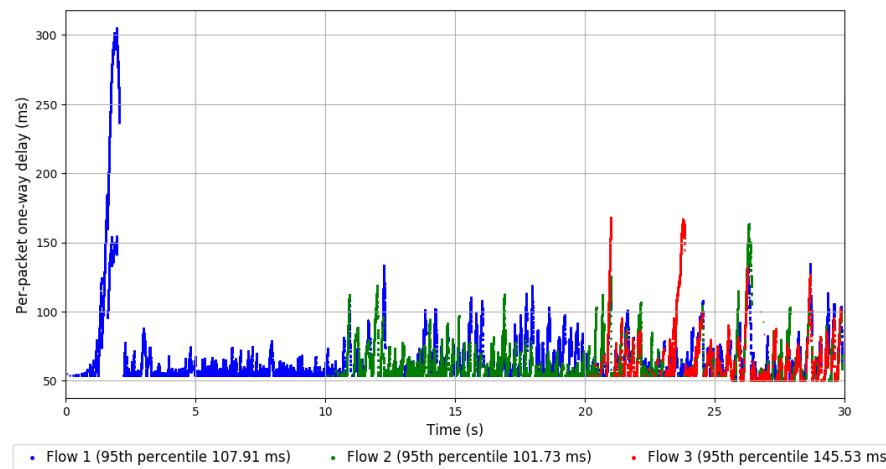
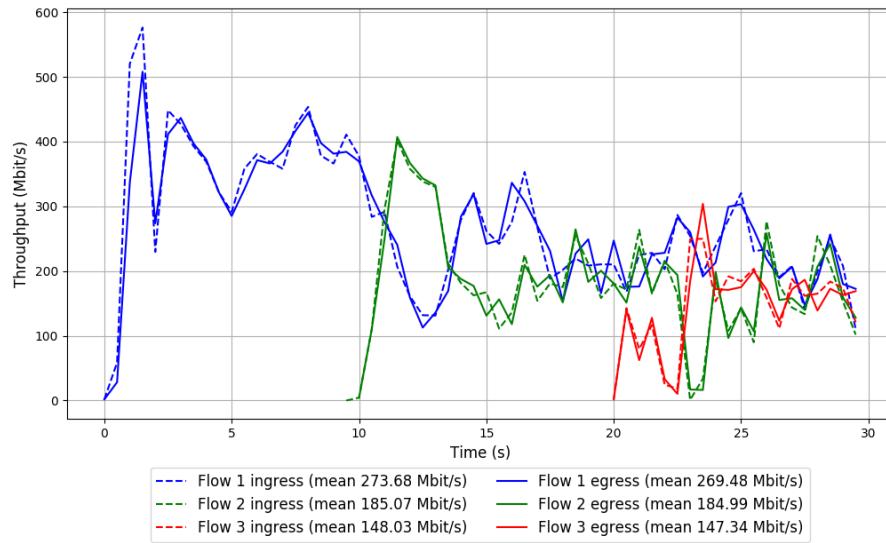
Run 4: Statistics of Verus

Start at: 2018-01-09 23:14:22

End at: 2018-01-09 23:14:52

```
# Below is generated by plot.py at 2018-01-10 03:01:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 440.72 Mbit/s
95th percentile per-packet one-way delay: 110.203 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 269.48 Mbit/s
95th percentile per-packet one-way delay: 107.907 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 184.99 Mbit/s
95th percentile per-packet one-way delay: 101.727 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 147.34 Mbit/s
95th percentile per-packet one-way delay: 145.530 ms
Loss rate: 0.01%
```

Run 4: Report of Verus — Data Link



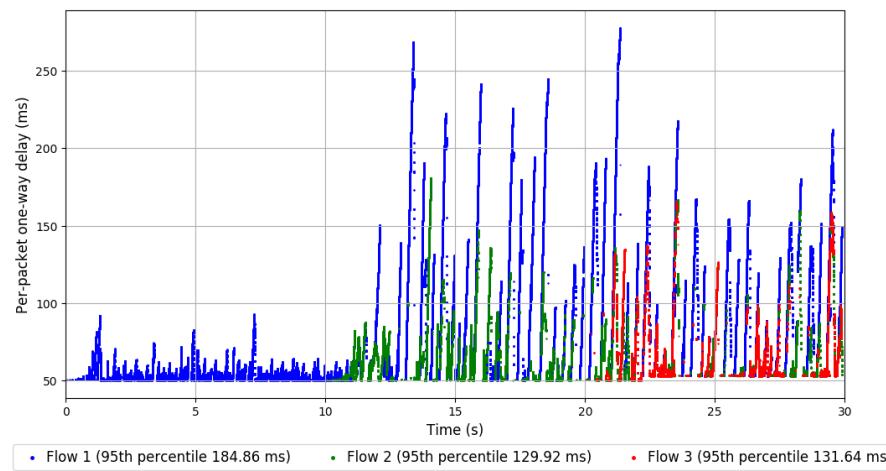
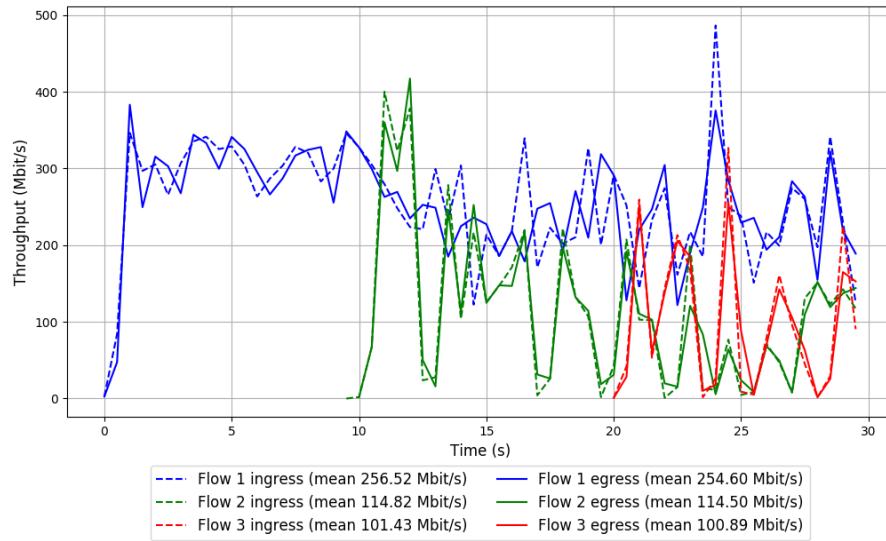
Run 5: Statistics of Verus

Start at: 2018-01-09 23:28:16

End at: 2018-01-09 23:28:46

```
# Below is generated by plot.py at 2018-01-10 03:01:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 363.80 Mbit/s
95th percentile per-packet one-way delay: 170.290 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 254.60 Mbit/s
95th percentile per-packet one-way delay: 184.857 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 114.50 Mbit/s
95th percentile per-packet one-way delay: 129.918 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 100.89 Mbit/s
95th percentile per-packet one-way delay: 131.637 ms
Loss rate: 0.24%
```

Run 5: Report of Verus — Data Link



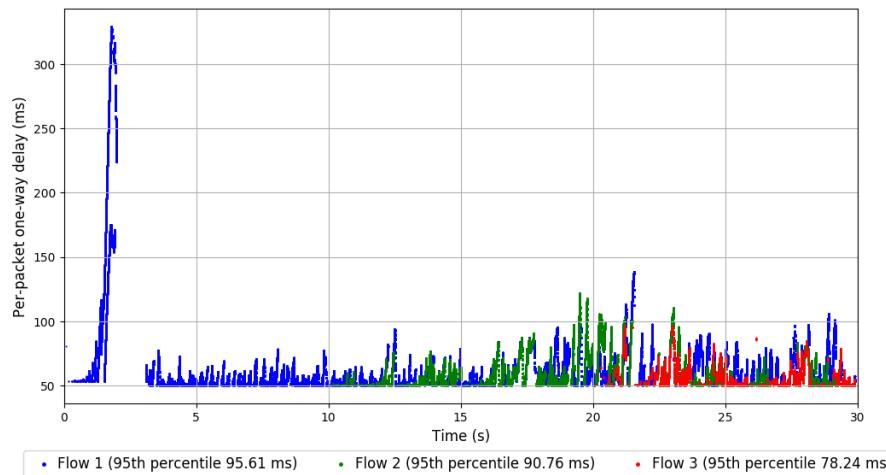
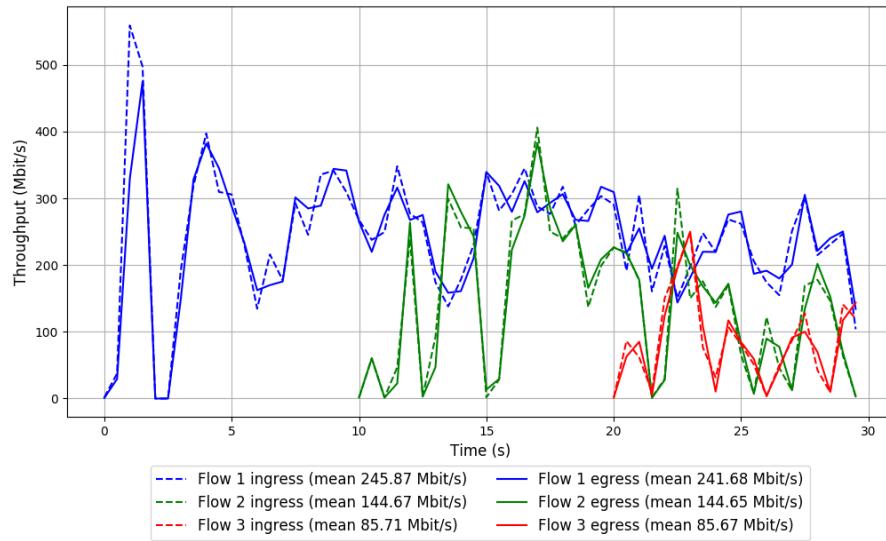
Run 6: Statistics of Verus

Start at: 2018-01-09 23:42:05

End at: 2018-01-09 23:42:35

```
# Below is generated by plot.py at 2018-01-10 03:01:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.11 Mbit/s
95th percentile per-packet one-way delay: 92.482 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 241.68 Mbit/s
95th percentile per-packet one-way delay: 95.615 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 144.65 Mbit/s
95th percentile per-packet one-way delay: 90.758 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.67 Mbit/s
95th percentile per-packet one-way delay: 78.236 ms
Loss rate: 0.00%
```

Run 6: Report of Verus — Data Link



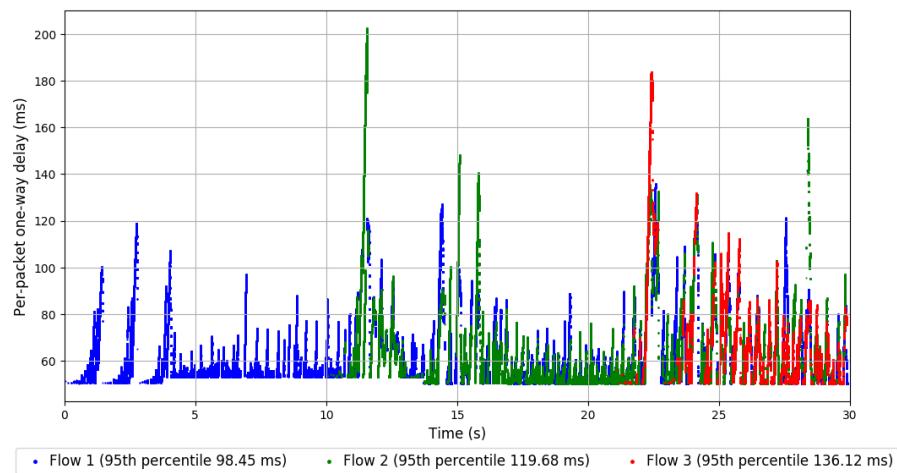
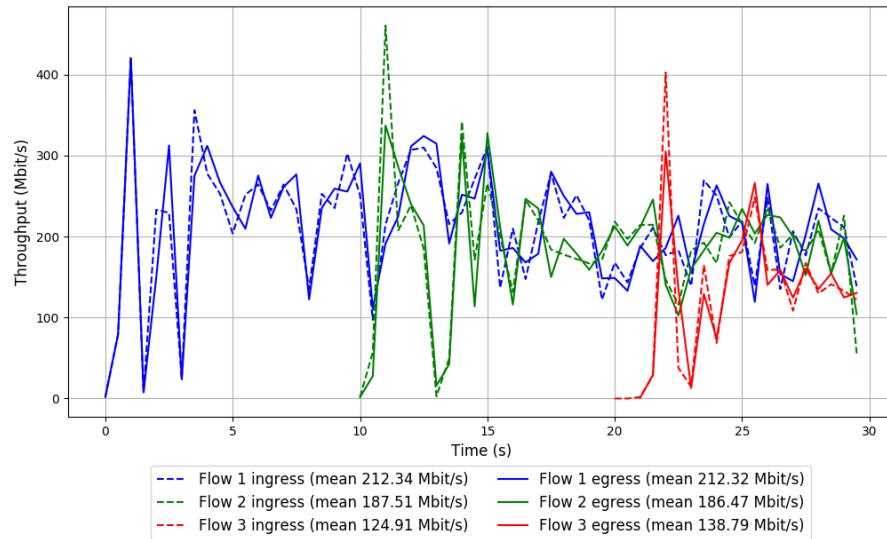
Run 7: Statistics of Verus

Start at: 2018-01-09 23:55:54

End at: 2018-01-09 23:56:24

```
# Below is generated by plot.py at 2018-01-10 03:05:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 376.70 Mbit/s
95th percentile per-packet one-way delay: 109.845 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 212.32 Mbit/s
95th percentile per-packet one-way delay: 98.452 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 186.47 Mbit/s
95th percentile per-packet one-way delay: 119.684 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 138.79 Mbit/s
95th percentile per-packet one-way delay: 136.124 ms
Loss rate: 0.00%
```

Run 7: Report of Verus — Data Link



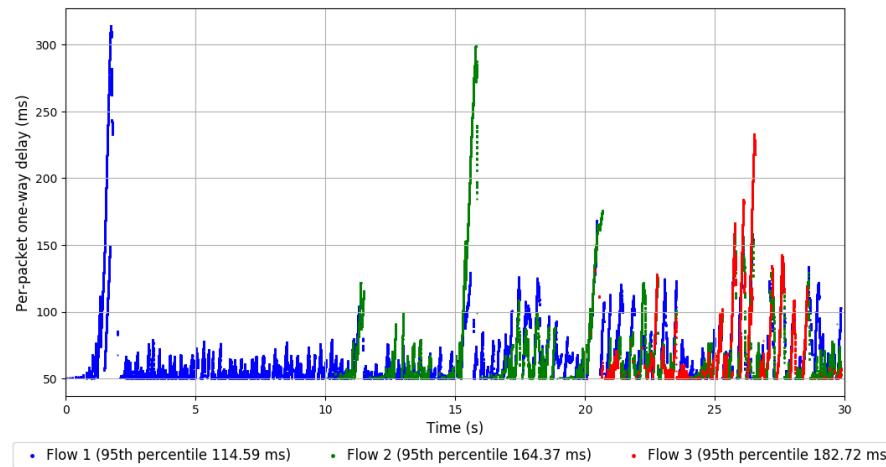
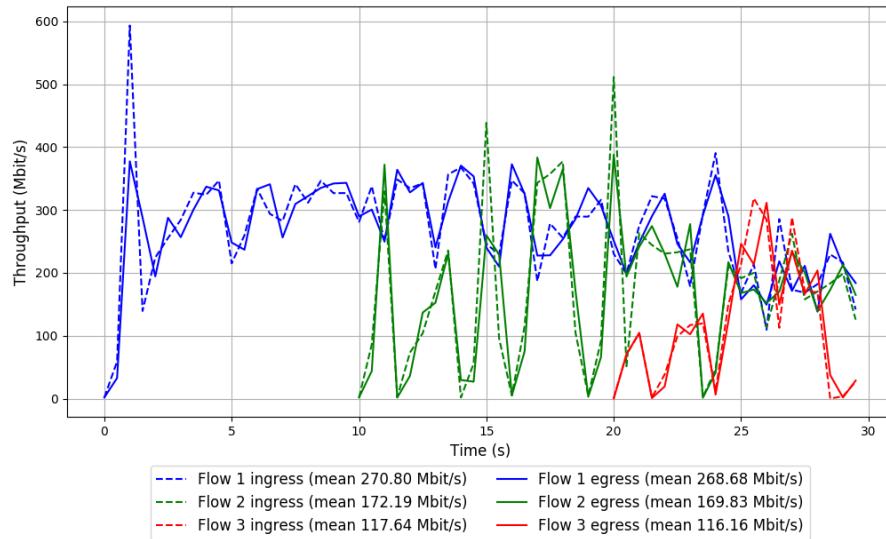
Run 8: Statistics of Verus

Start at: 2018-01-10 00:09:26

End at: 2018-01-10 00:09:56

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.63 Mbit/s
95th percentile per-packet one-way delay: 135.283 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 268.68 Mbit/s
95th percentile per-packet one-way delay: 114.594 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 169.83 Mbit/s
95th percentile per-packet one-way delay: 164.372 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 116.16 Mbit/s
95th percentile per-packet one-way delay: 182.716 ms
Loss rate: 1.19%
```

Run 8: Report of Verus — Data Link



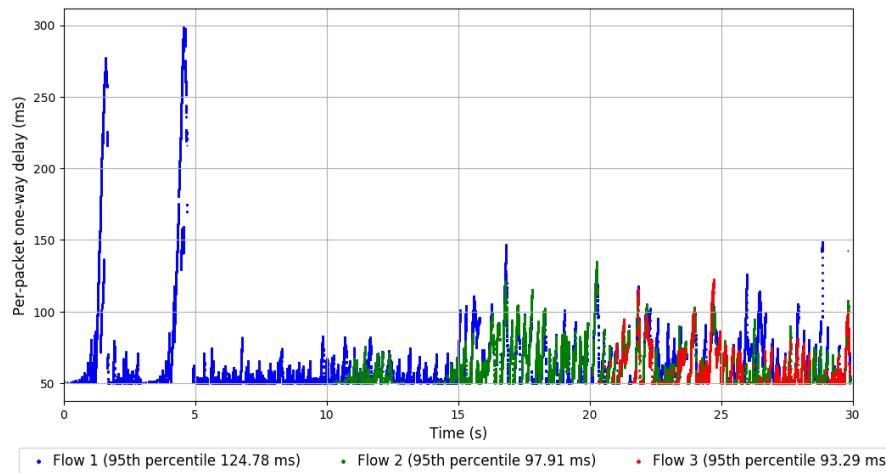
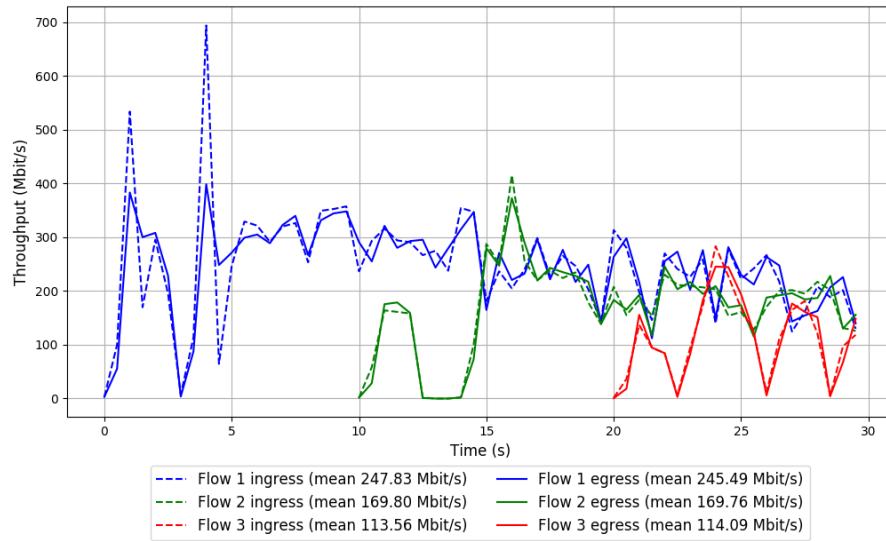
Run 9: Statistics of Verus

Start at: 2018-01-10 00:23:36

End at: 2018-01-10 00:24:06

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.79 Mbit/s
95th percentile per-packet one-way delay: 106.506 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 245.49 Mbit/s
95th percentile per-packet one-way delay: 124.785 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 169.76 Mbit/s
95th percentile per-packet one-way delay: 97.906 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 114.09 Mbit/s
95th percentile per-packet one-way delay: 93.291 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link



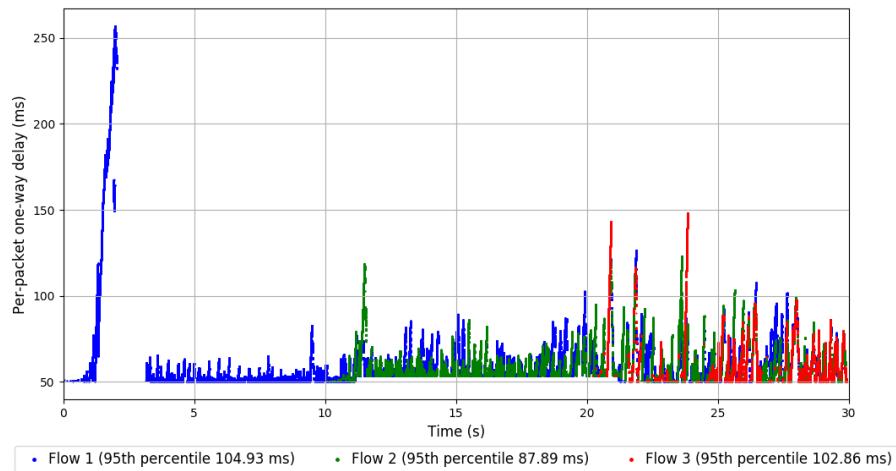
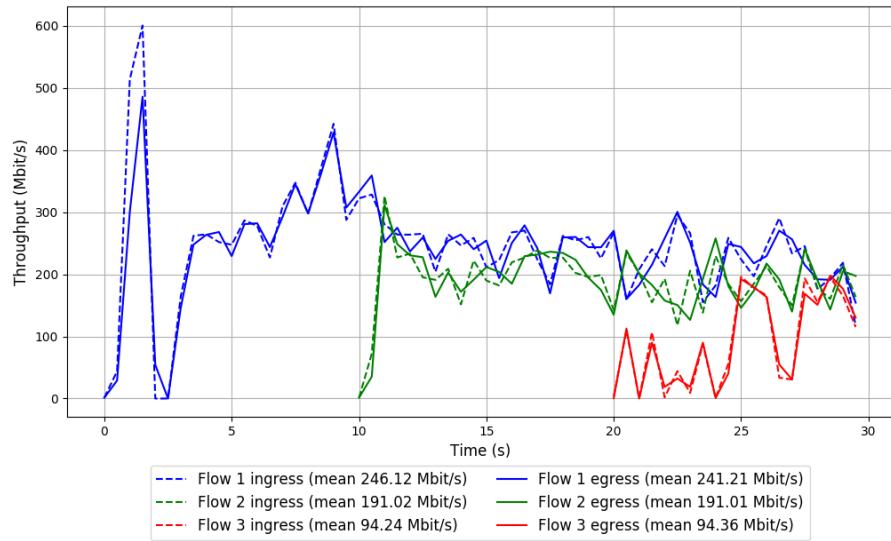
Run 10: Statistics of Verus

Start at: 2018-01-10 00:37:47

End at: 2018-01-10 00:38:17

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.66 Mbit/s
95th percentile per-packet one-way delay: 94.125 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 241.21 Mbit/s
95th percentile per-packet one-way delay: 104.929 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 191.01 Mbit/s
95th percentile per-packet one-way delay: 87.893 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 102.861 ms
Loss rate: 0.00%
```

Run 10: Report of Verus — Data Link

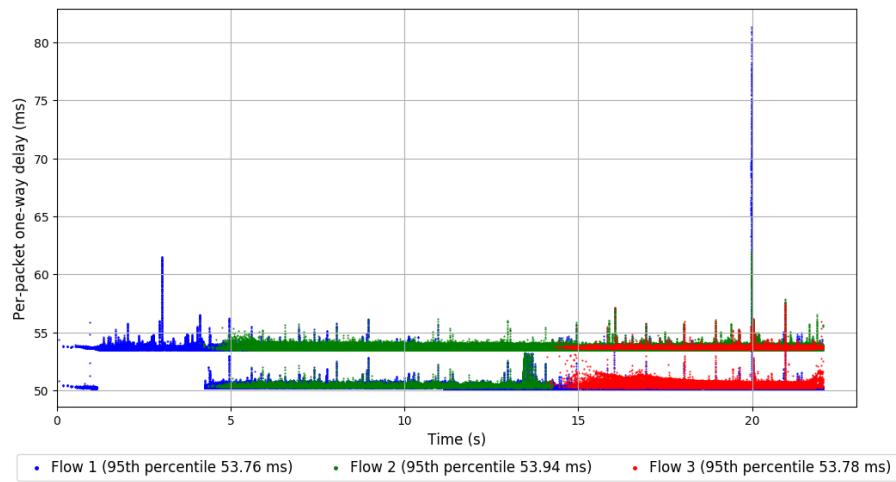
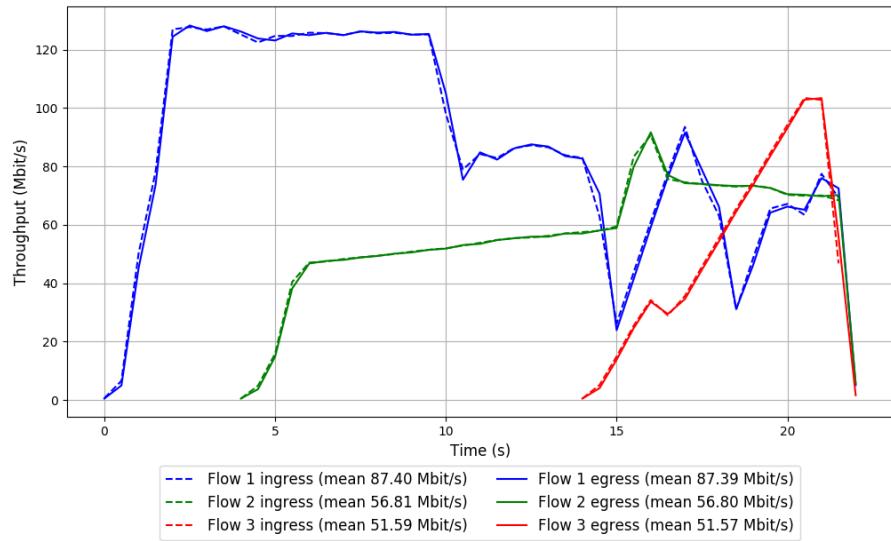


Run 1: Statistics of Copa

Start at: 2018-01-09 22:34:06

End at: 2018-01-09 22:34:36

Run 1: Report of Copa — Data Link



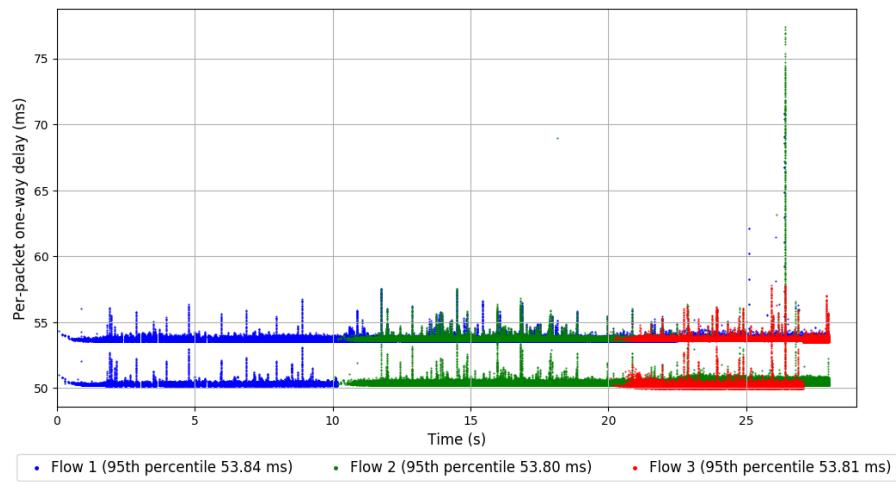
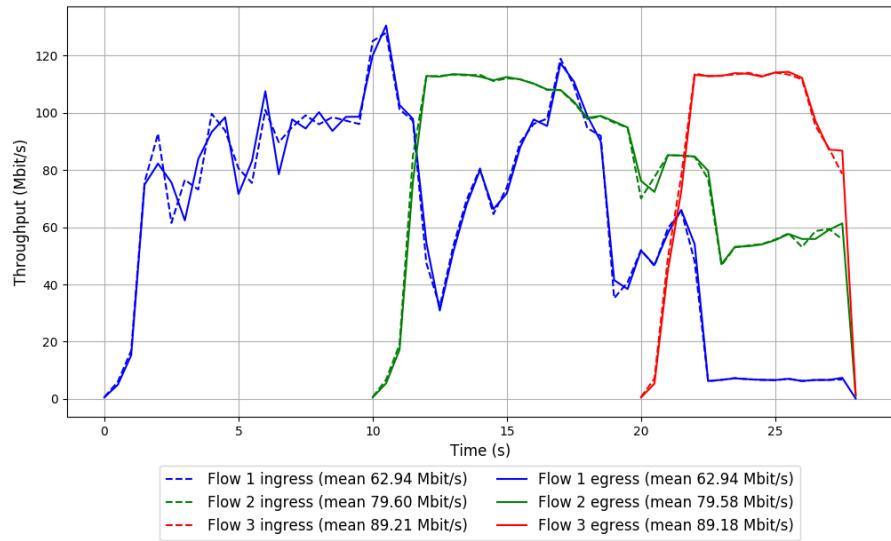
Run 2: Statistics of Copa

Start at: 2018-01-09 22:47:36

End at: 2018-01-09 22:48:06

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 139.35 Mbit/s
95th percentile per-packet one-way delay: 53.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.94 Mbit/s
95th percentile per-packet one-way delay: 53.839 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.58 Mbit/s
95th percentile per-packet one-way delay: 53.805 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 53.808 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link



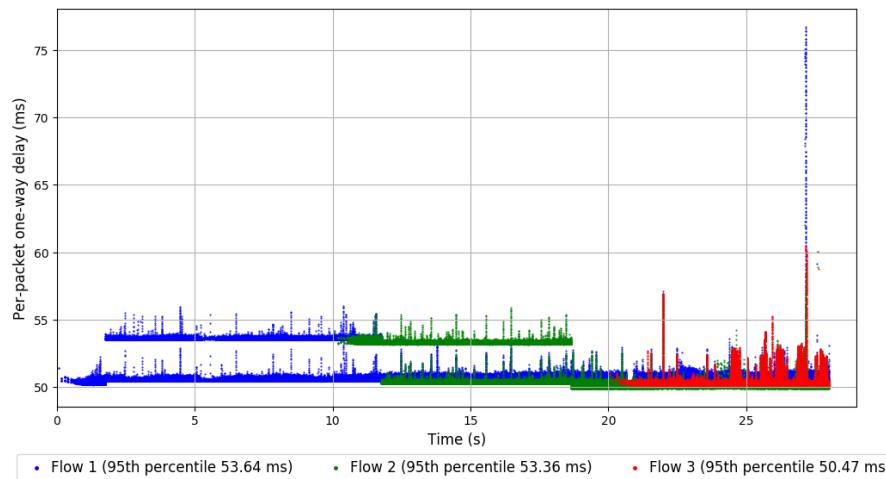
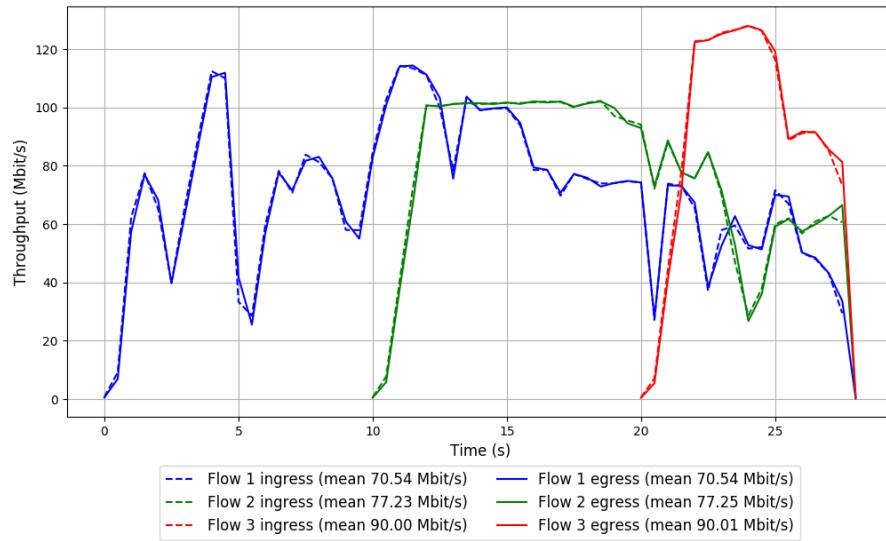
Run 3: Statistics of Copa

Start at: 2018-01-09 23:01:44

End at: 2018-01-09 23:02:14

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 145.67 Mbit/s
95th percentile per-packet one-way delay: 53.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 53.641 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 53.356 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 50.468 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link



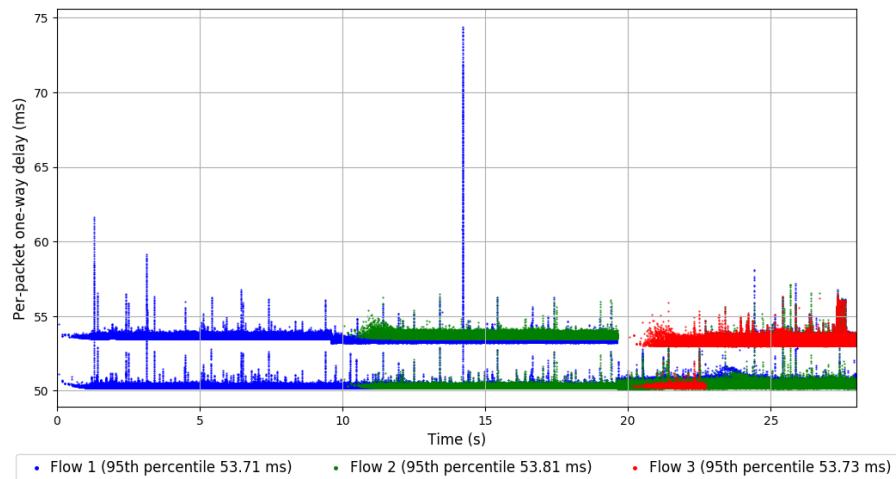
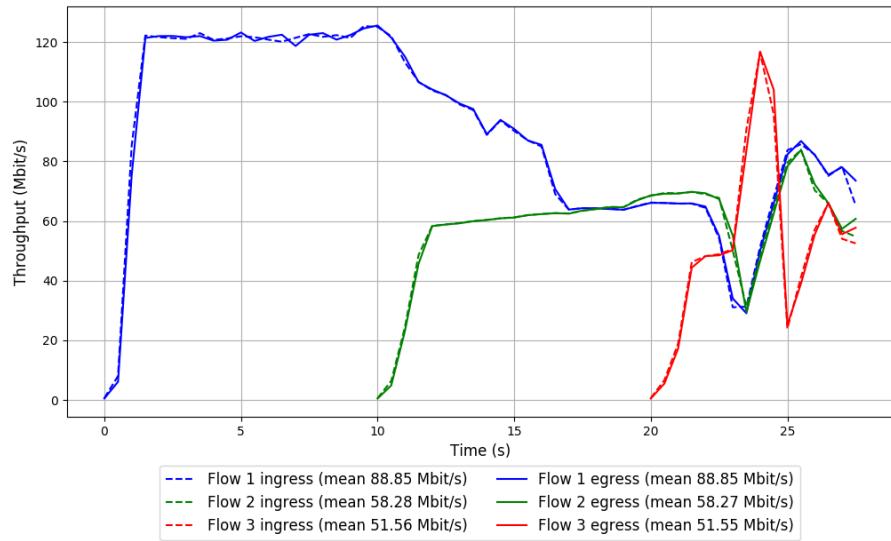
Run 4: Statistics of Copa

Start at: 2018-01-09 23:15:34

End at: 2018-01-09 23:16:04

```
# Below is generated by plot.py at 2018-01-10 03:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 140.89 Mbit/s
95th percentile per-packet one-way delay: 53.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.85 Mbit/s
95th percentile per-packet one-way delay: 53.710 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 53.812 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.55 Mbit/s
95th percentile per-packet one-way delay: 53.732 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

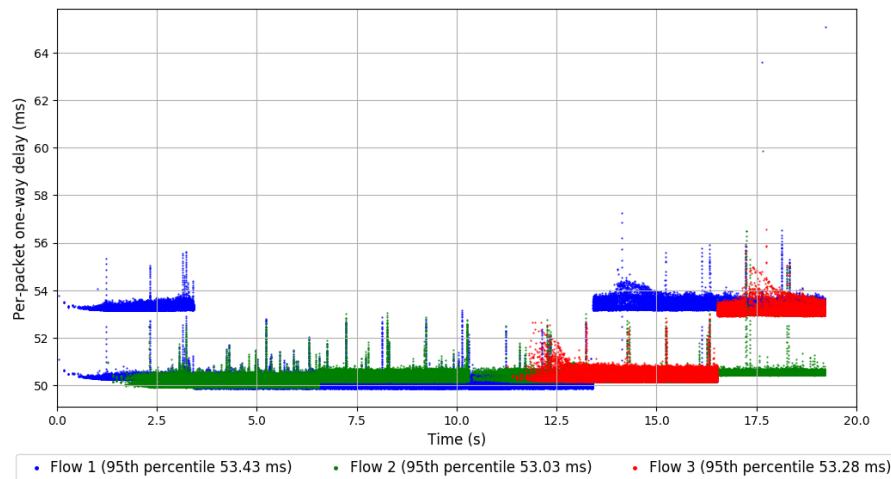
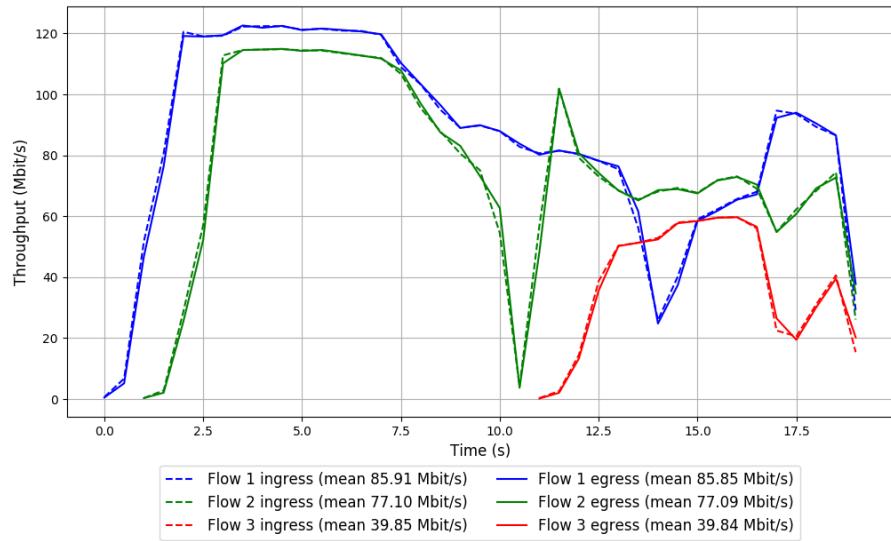


Run 5: Statistics of Copa

Start at: 2018-01-09 23:29:21

End at: 2018-01-09 23:29:51

Run 5: Report of Copa — Data Link



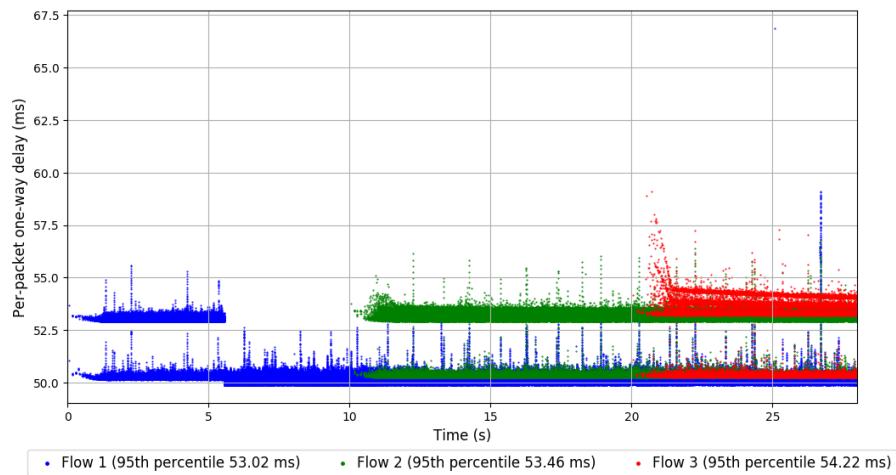
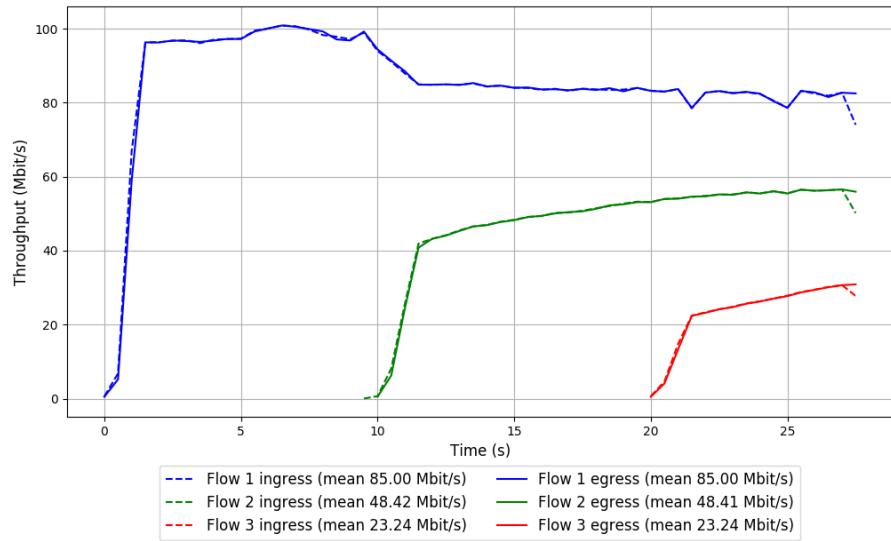
Run 6: Statistics of Copa

Start at: 2018-01-09 23:43:11

End at: 2018-01-09 23:43:41

```
# Below is generated by plot.py at 2018-01-10 03:08:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.68 Mbit/s
95th percentile per-packet one-way delay: 53.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 53.018 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 53.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 54.219 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link



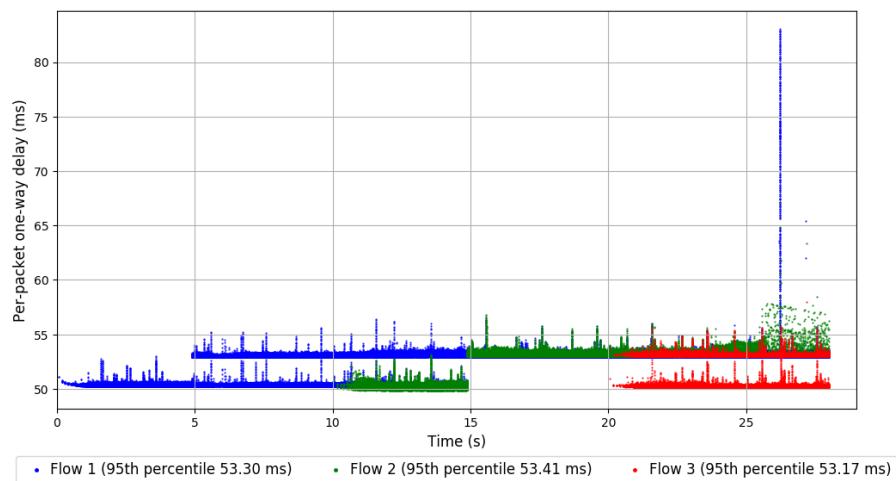
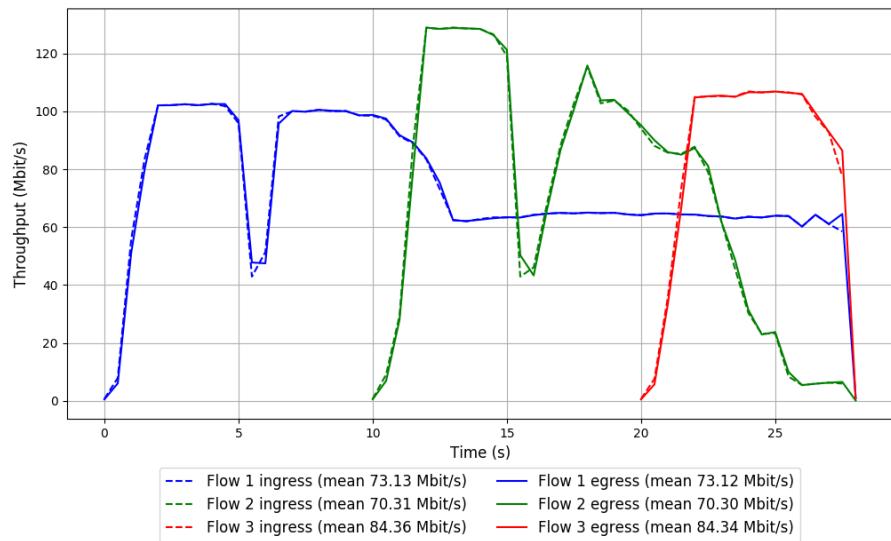
Run 7: Statistics of Copa

Start at: 2018-01-09 23:57:01

End at: 2018-01-09 23:57:31

```
# Below is generated by plot.py at 2018-01-10 03:09:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.21 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.12 Mbit/s
95th percentile per-packet one-way delay: 53.297 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.30 Mbit/s
95th percentile per-packet one-way delay: 53.407 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 53.173 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

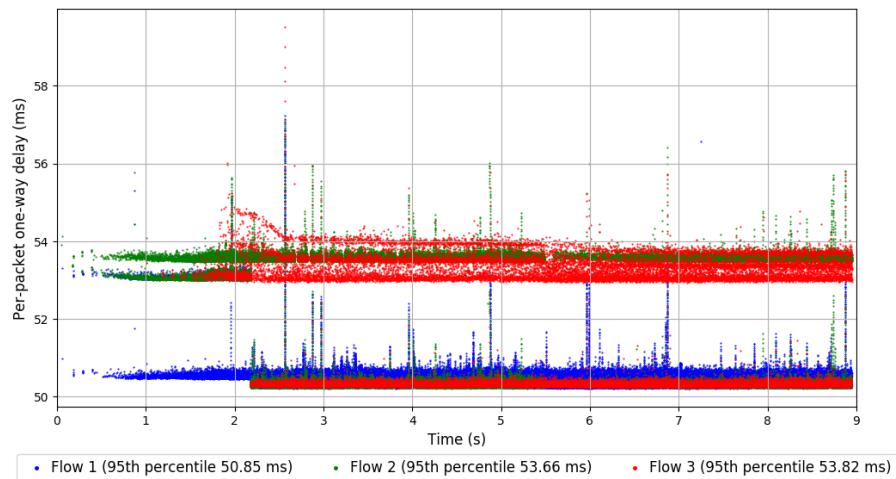
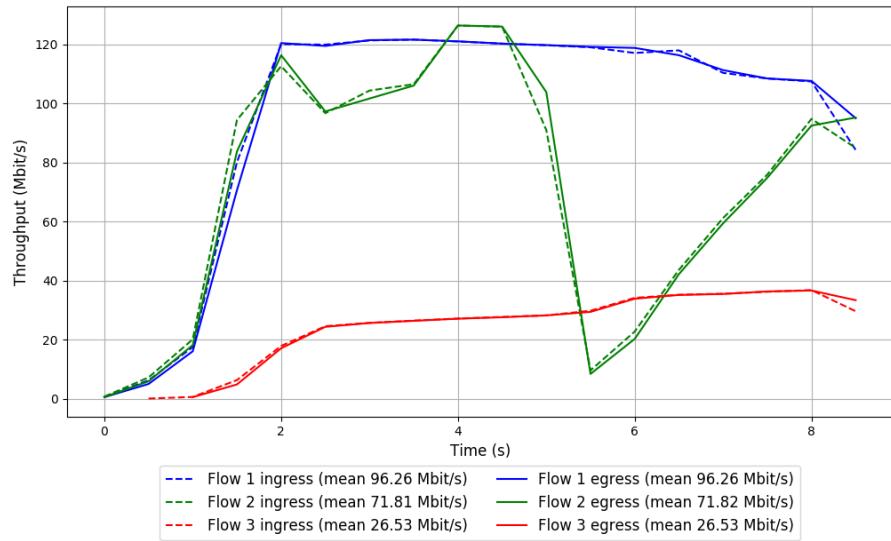


Run 8: Statistics of Copa

Start at: 2018-01-10 00:10:35

End at: 2018-01-10 00:11:05

Run 8: Report of Copa — Data Link

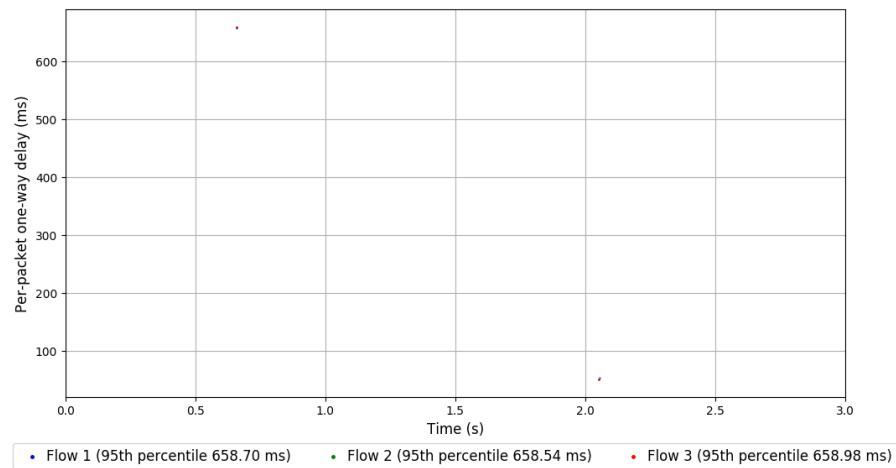
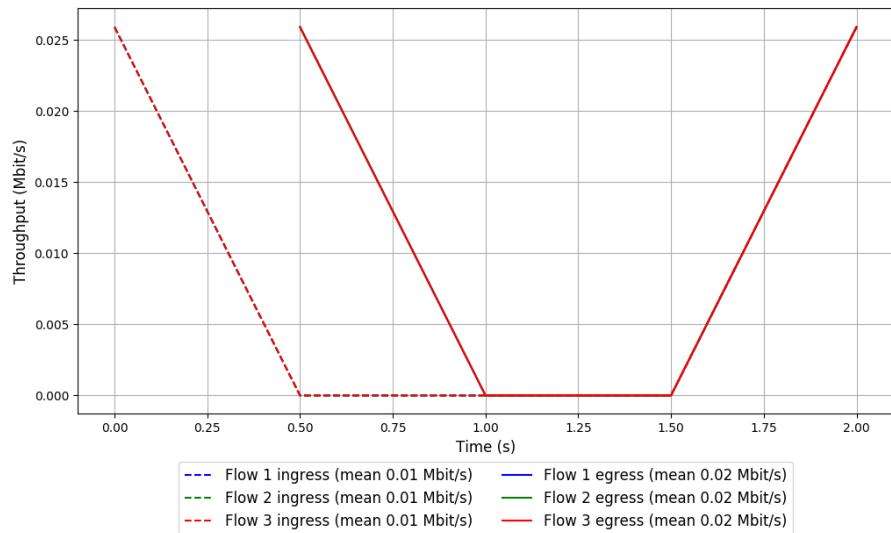


Run 9: Statistics of Copa

Start at: 2018-01-10 00:24:45

End at: 2018-01-10 00:25:15

Run 9: Report of Copa — Data Link

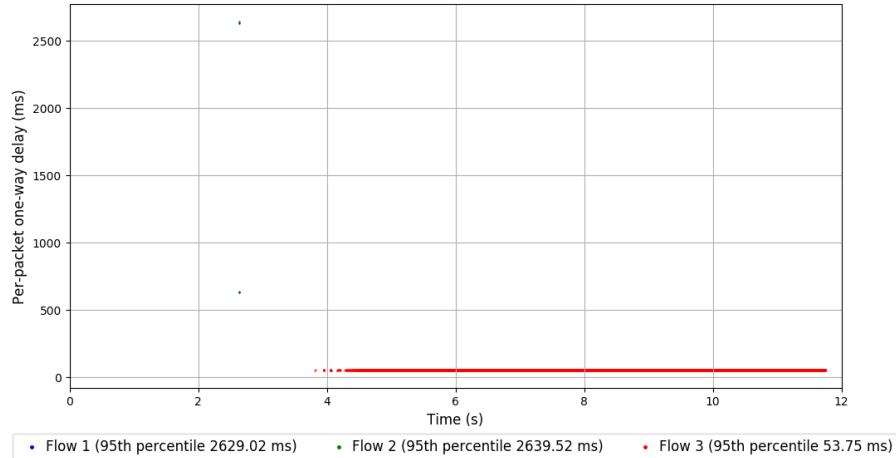
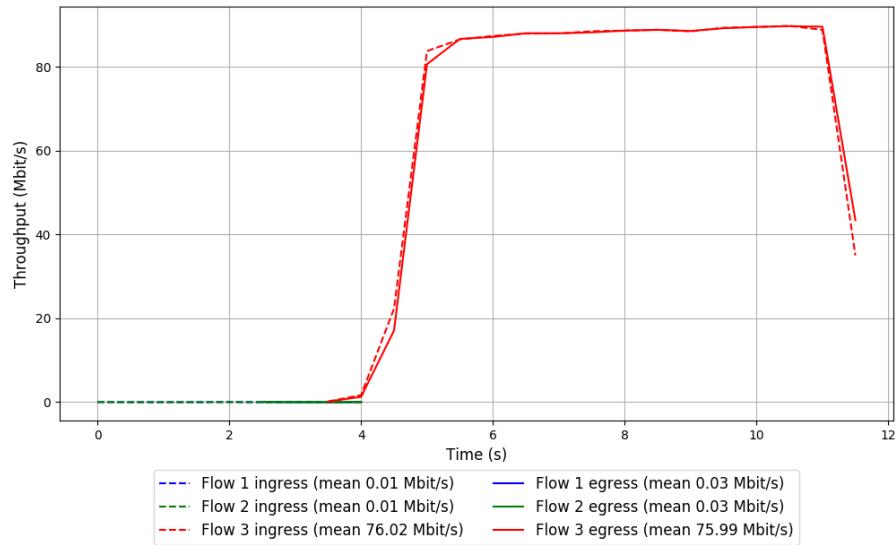


Run 10: Statistics of Copa

Start at: 2018-01-10 00:38:56

End at: 2018-01-10 00:39:26

Run 10: Report of Copa — Data Link

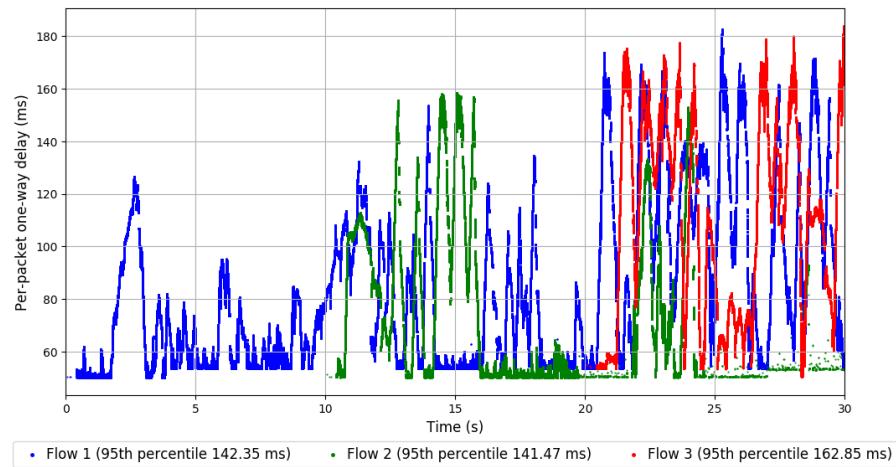
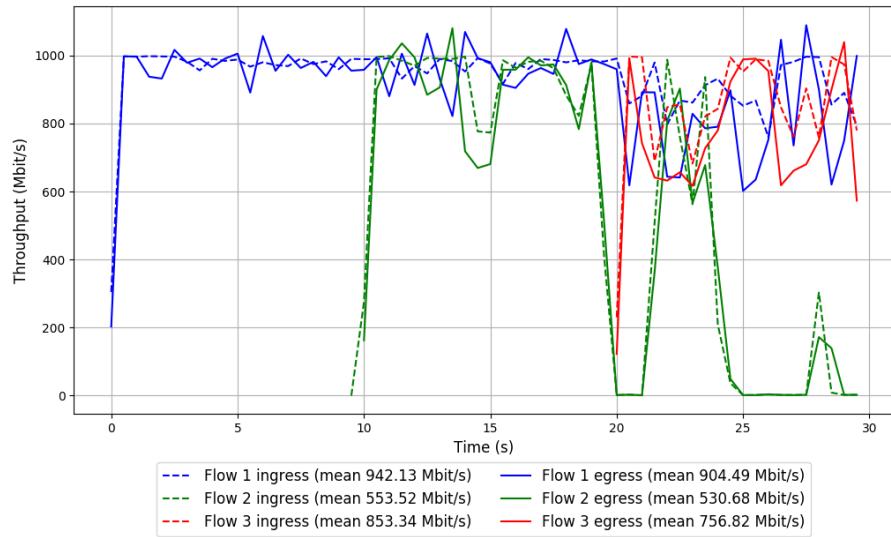


```
Run 1: Statistics of FillP

Start at: 2018-01-09 22:22:11
End at: 2018-01-09 22:22:41

# Below is generated by plot.py at 2018-01-10 03:32:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1508.21 Mbit/s
95th percentile per-packet one-way delay: 150.536 ms
Loss rate: 5.31%
-- Flow 1:
Average throughput: 904.49 Mbit/s
95th percentile per-packet one-way delay: 142.353 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 530.68 Mbit/s
95th percentile per-packet one-way delay: 141.468 ms
Loss rate: 4.12%
-- Flow 3:
Average throughput: 756.82 Mbit/s
95th percentile per-packet one-way delay: 162.853 ms
Loss rate: 11.31%
```

Run 1: Report of FillP — Data Link

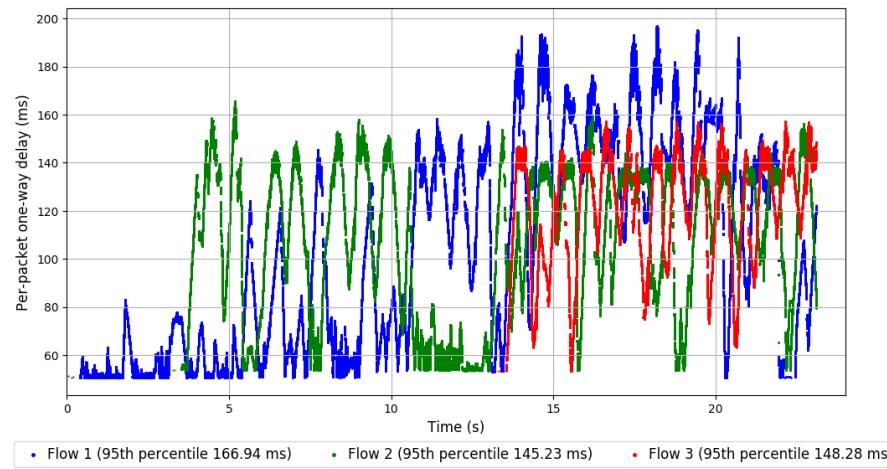
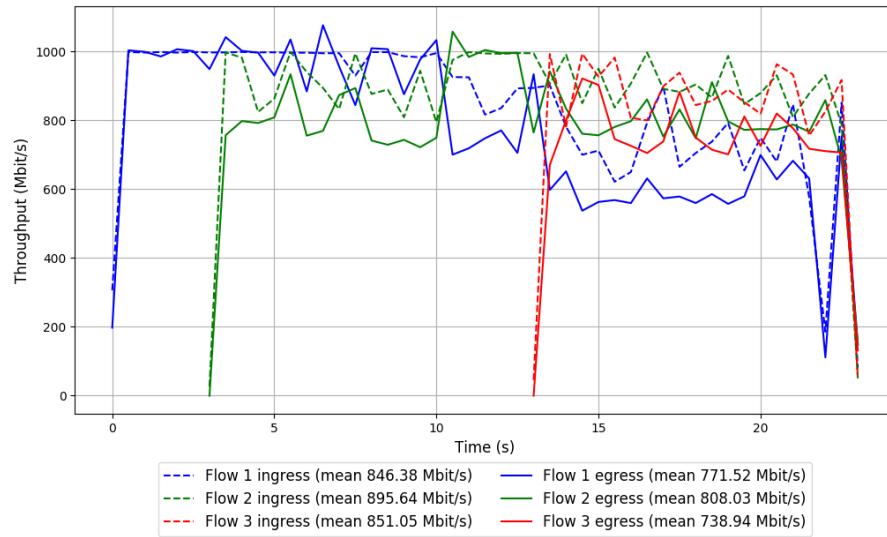


Run 2: Statistics of FillP

Start at: 2018-01-09 22:36:02

End at: 2018-01-09 22:36:32

Run 2: Report of FillP — Data Link



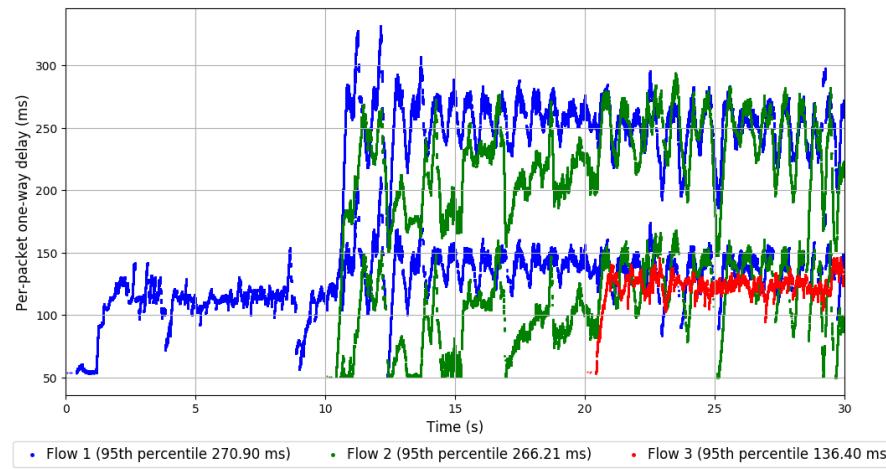
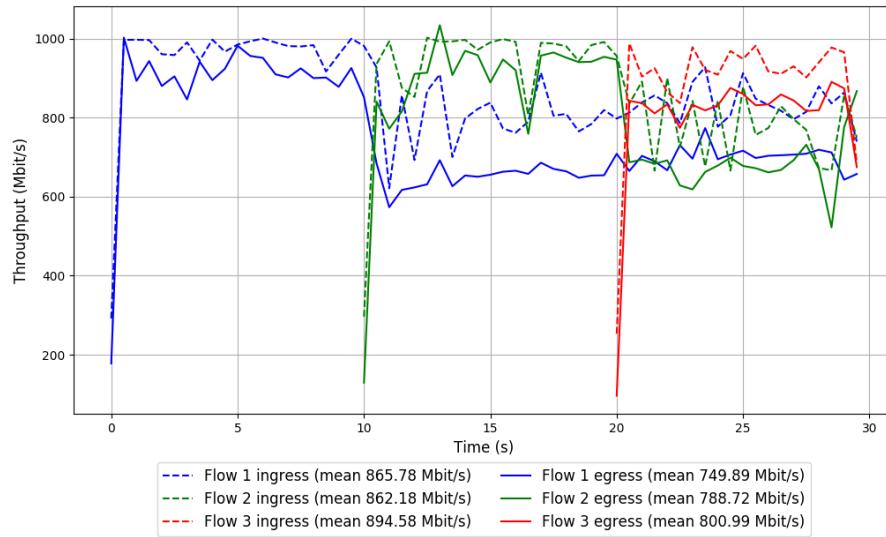
Run 3: Statistics of FillP

Start at: 2018-01-09 22:49:35

End at: 2018-01-09 22:50:05

```
# Below is generated by plot.py at 2018-01-10 03:33:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1539.83 Mbit/s
95th percentile per-packet one-way delay: 267.518 ms
Loss rate: 11.27%
-- Flow 1:
Average throughput: 749.89 Mbit/s
95th percentile per-packet one-way delay: 270.904 ms
Loss rate: 13.39%
-- Flow 2:
Average throughput: 788.72 Mbit/s
95th percentile per-packet one-way delay: 266.215 ms
Loss rate: 8.51%
-- Flow 3:
Average throughput: 800.99 Mbit/s
95th percentile per-packet one-way delay: 136.402 ms
Loss rate: 10.46%
```

Run 3: Report of FillP — Data Link

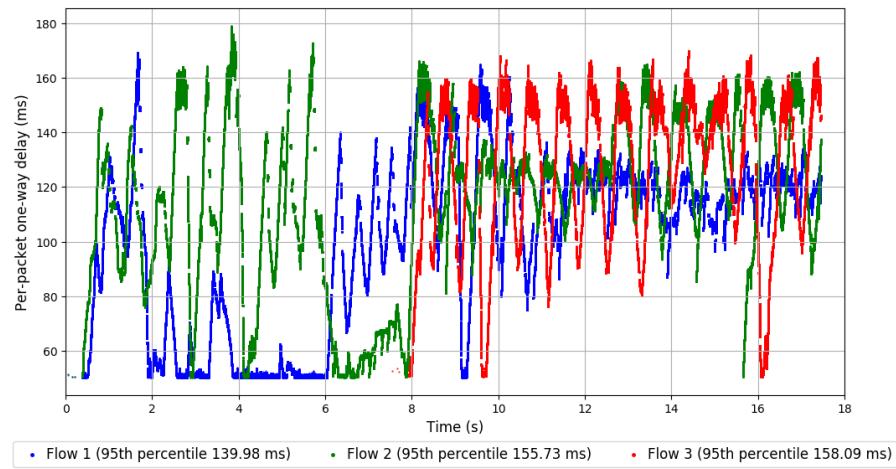
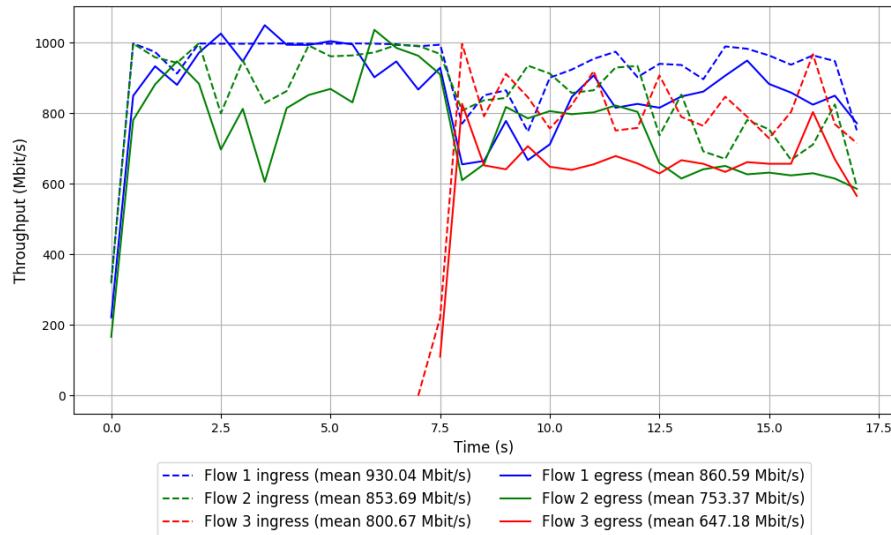


Run 4: Statistics of FillP

Start at: 2018-01-09 23:03:45

End at: 2018-01-09 23:04:15

Run 4: Report of FillP — Data Link

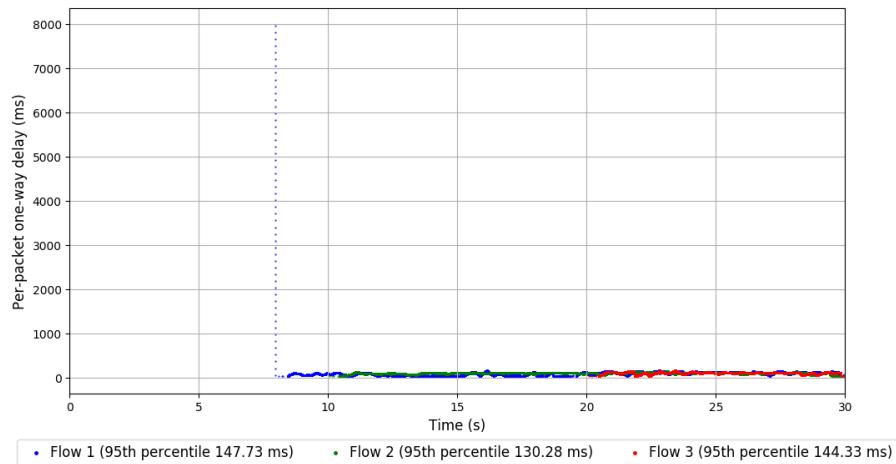
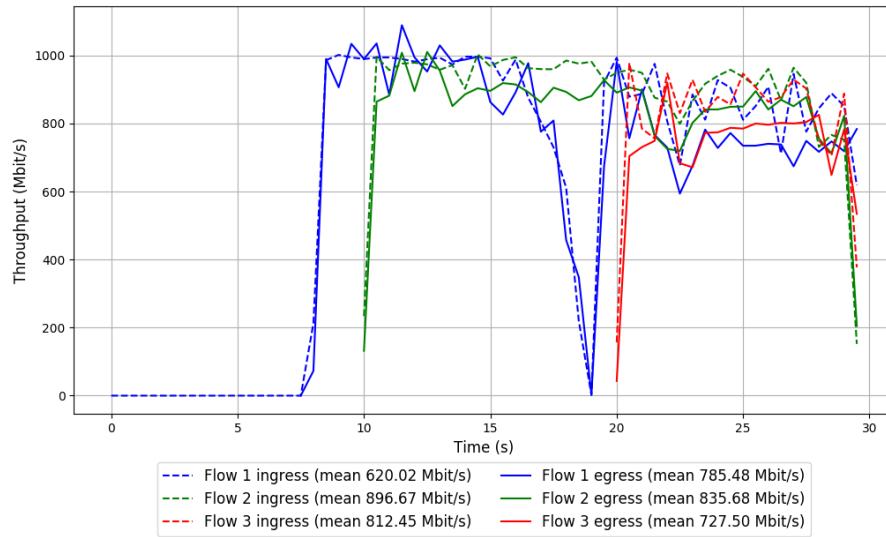


Run 5: Statistics of FillP

Start at: 2018-01-09 23:17:32

End at: 2018-01-09 23:18:02

Run 5: Report of FillP — Data Link



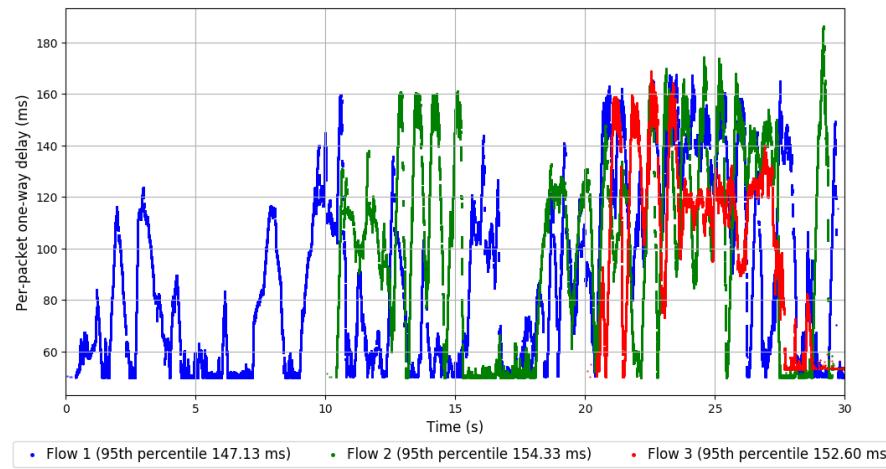
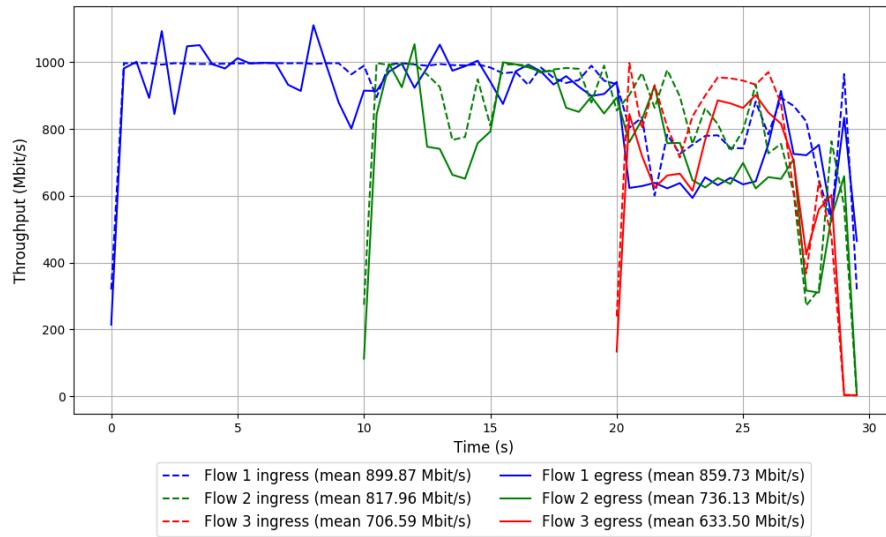
Run 6: Statistics of FillP

Start at: 2018-01-09 23:31:19

End at: 2018-01-09 23:31:49

```
# Below is generated by plot.py at 2018-01-10 03:34:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1558.67 Mbit/s
95th percentile per-packet one-way delay: 150.855 ms
Loss rate: 7.07%
-- Flow 1:
Average throughput: 859.73 Mbit/s
95th percentile per-packet one-way delay: 147.134 ms
Loss rate: 4.46%
-- Flow 2:
Average throughput: 736.13 Mbit/s
95th percentile per-packet one-way delay: 154.329 ms
Loss rate: 9.99%
-- Flow 3:
Average throughput: 633.50 Mbit/s
95th percentile per-packet one-way delay: 152.601 ms
Loss rate: 10.33%
```

Run 6: Report of FillP — Data Link



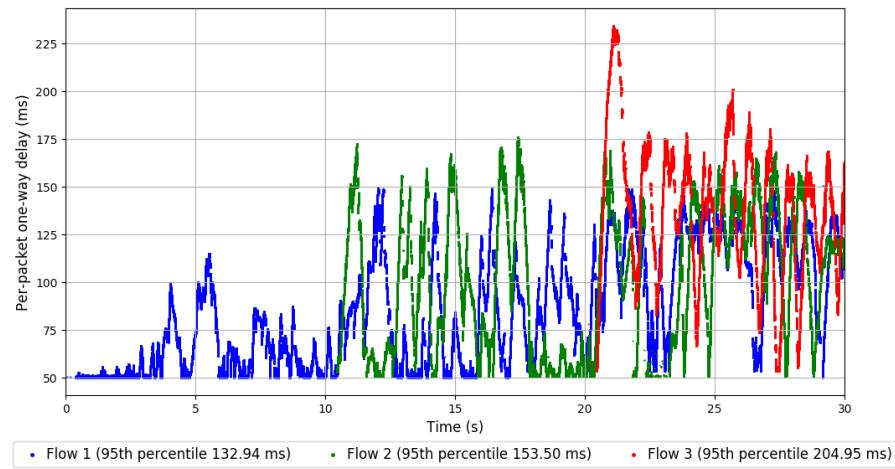
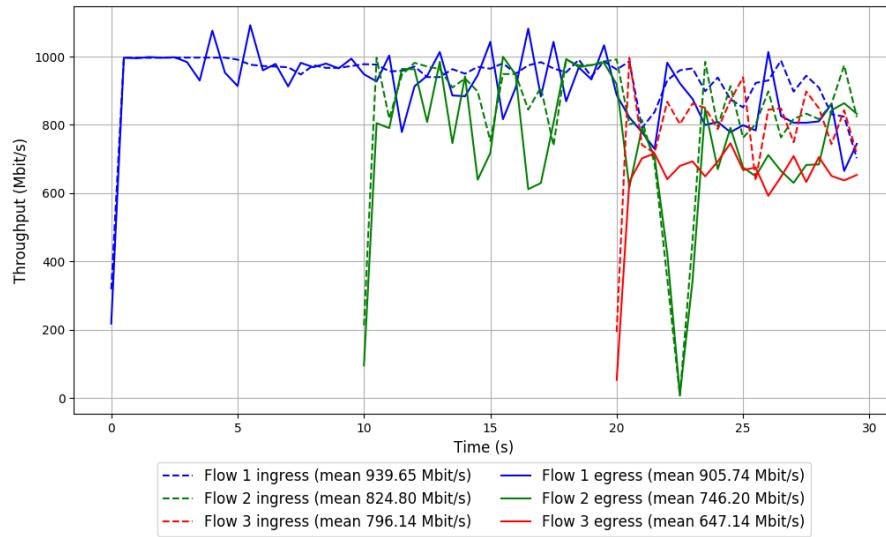
Run 7: Statistics of FillP

Start at: 2018-01-09 23:45:08

End at: 2018-01-09 23:45:38

```
# Below is generated by plot.py at 2018-01-10 03:36:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1615.76 Mbit/s
95th percentile per-packet one-way delay: 155.947 ms
Loss rate: 7.76%
-- Flow 1:
Average throughput: 905.74 Mbit/s
95th percentile per-packet one-way delay: 132.938 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 746.20 Mbit/s
95th percentile per-packet one-way delay: 153.502 ms
Loss rate: 9.55%
-- Flow 3:
Average throughput: 647.14 Mbit/s
95th percentile per-packet one-way delay: 204.952 ms
Loss rate: 18.91%
```

Run 7: Report of FillP — Data Link



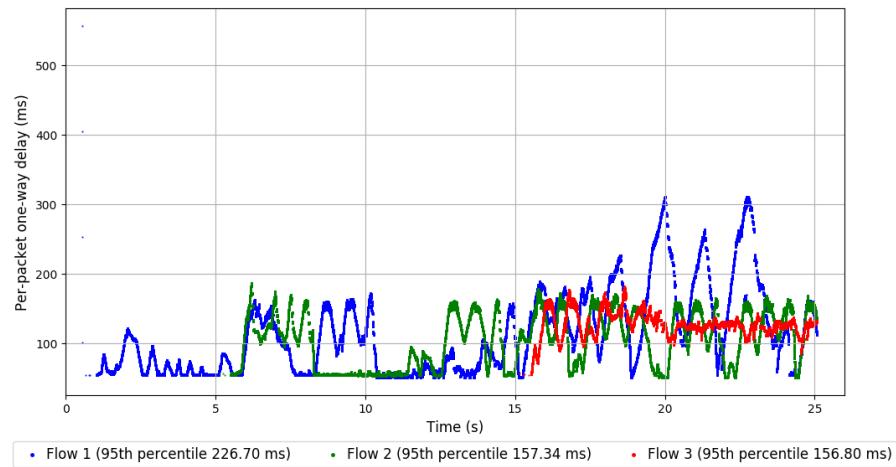
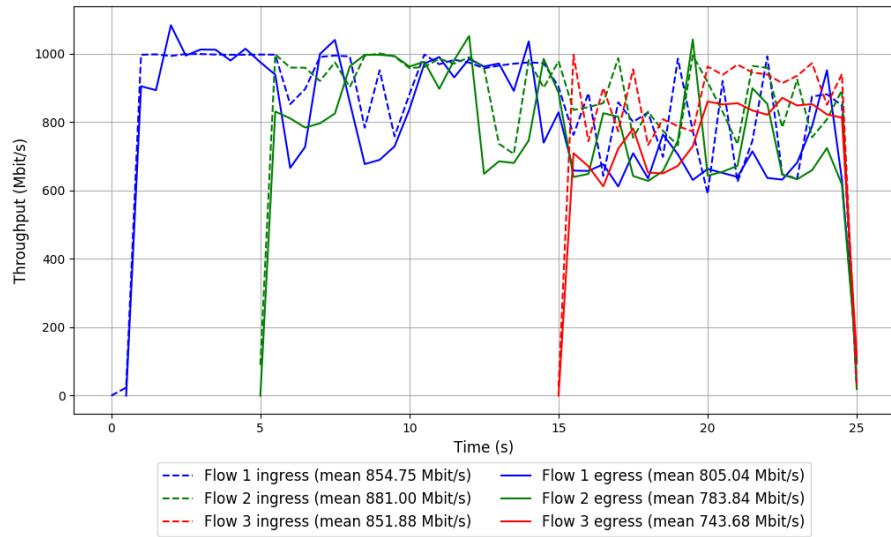
Run 8: Statistics of FillP

Start at: 2018-01-09 23:59:00

End at: 2018-01-09 23:59:30

```
# Below is generated by plot.py at 2018-01-10 03:36:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1742.67 Mbit/s
95th percentile per-packet one-way delay: 179.344 ms
Loss rate: 9.83%
-- Flow 1:
Average throughput: 805.04 Mbit/s
95th percentile per-packet one-way delay: 226.697 ms
Loss rate: 7.71%
-- Flow 2:
Average throughput: 783.84 Mbit/s
95th percentile per-packet one-way delay: 157.338 ms
Loss rate: 11.03%
-- Flow 3:
Average throughput: 743.68 Mbit/s
95th percentile per-packet one-way delay: 156.798 ms
Loss rate: 12.72%
```

Run 8: Report of FillP — Data Link



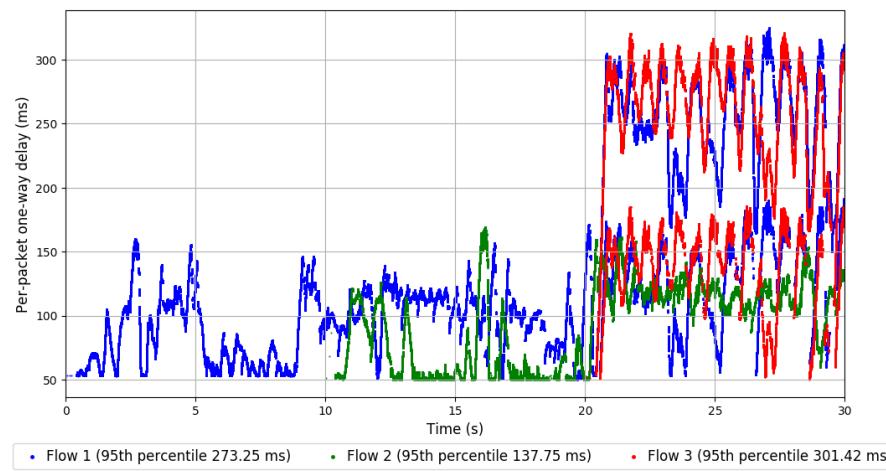
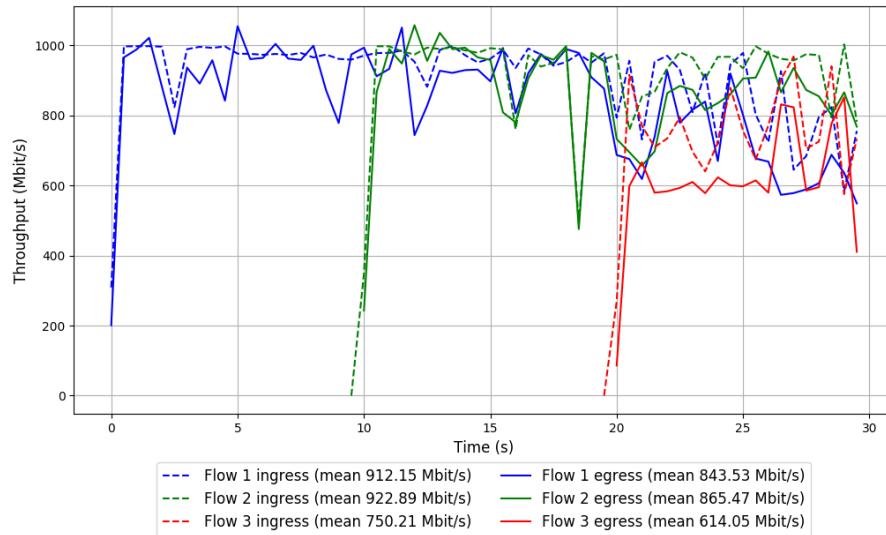
Run 9: Statistics of FillP

Start at: 2018-01-10 00:12:28

End at: 2018-01-10 00:12:58

```
# Below is generated by plot.py at 2018-01-10 03:46:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1624.06 Mbit/s
95th percentile per-packet one-way delay: 280.051 ms
Loss rate: 8.55%
-- Flow 1:
Average throughput: 843.53 Mbit/s
95th percentile per-packet one-way delay: 273.248 ms
Loss rate: 7.52%
-- Flow 2:
Average throughput: 865.47 Mbit/s
95th percentile per-packet one-way delay: 137.755 ms
Loss rate: 6.19%
-- Flow 3:
Average throughput: 614.05 Mbit/s
95th percentile per-packet one-way delay: 301.417 ms
Loss rate: 18.13%
```

Run 9: Report of FillP — Data Link



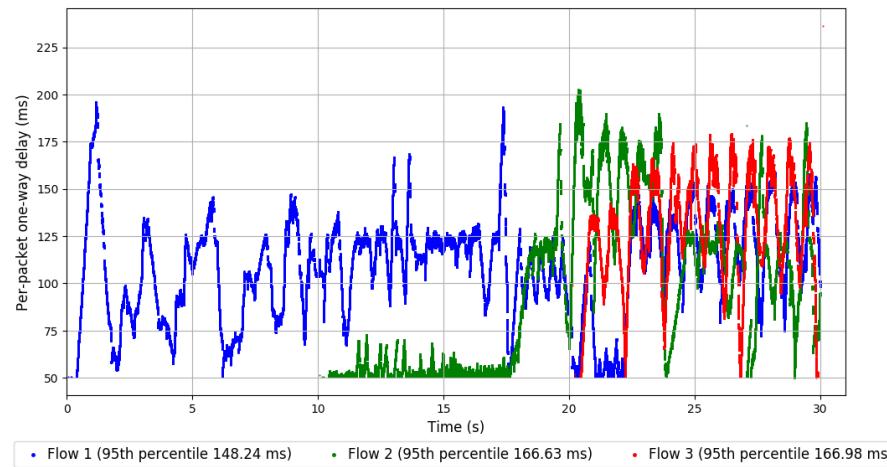
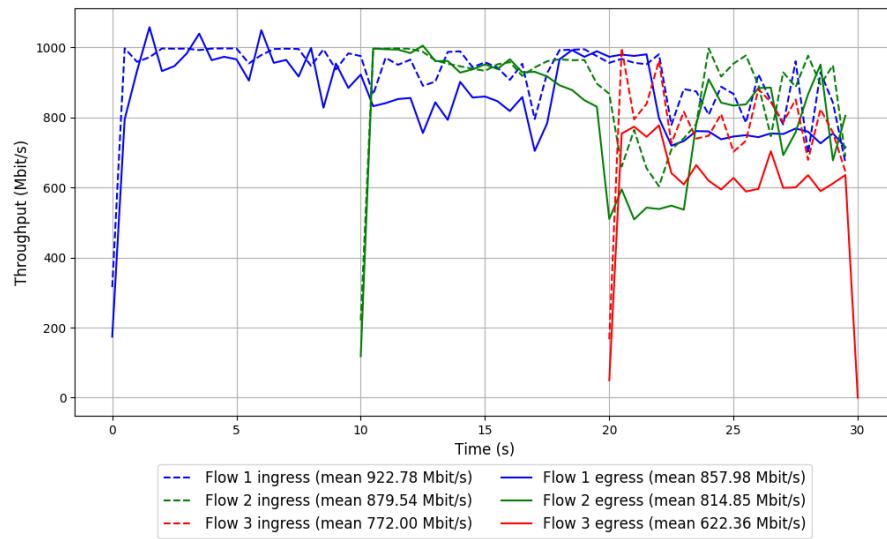
Run 10: Statistics of FillP

Start at: 2018-01-10 00:26:30

End at: 2018-01-10 00:27:00

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1602.15 Mbit/s
95th percentile per-packet one-way delay: 159.560 ms
Loss rate: 8.84%
-- Flow 1:
Average throughput: 857.98 Mbit/s
95th percentile per-packet one-way delay: 148.238 ms
Loss rate: 7.01%
-- Flow 2:
Average throughput: 814.85 Mbit/s
95th percentile per-packet one-way delay: 166.633 ms
Loss rate: 7.34%
-- Flow 3:
Average throughput: 622.36 Mbit/s
95th percentile per-packet one-way delay: 166.977 ms
Loss rate: 18.87%
```

Run 10: Report of FillP — Data Link



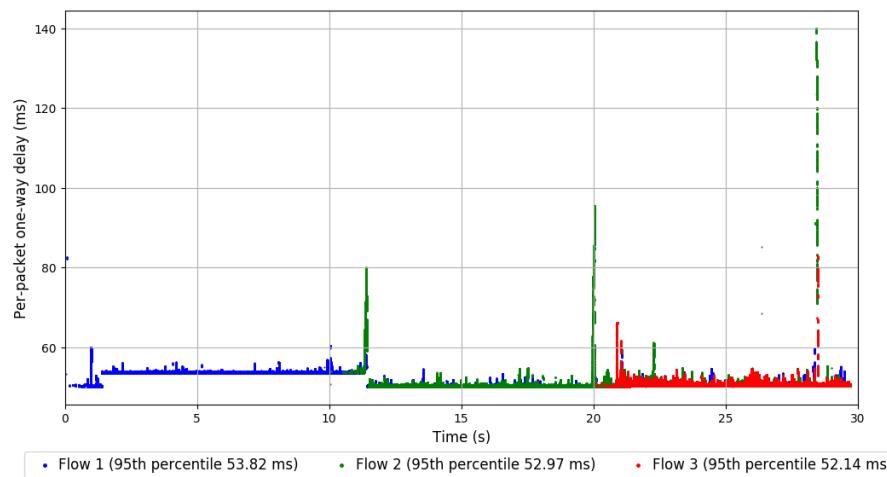
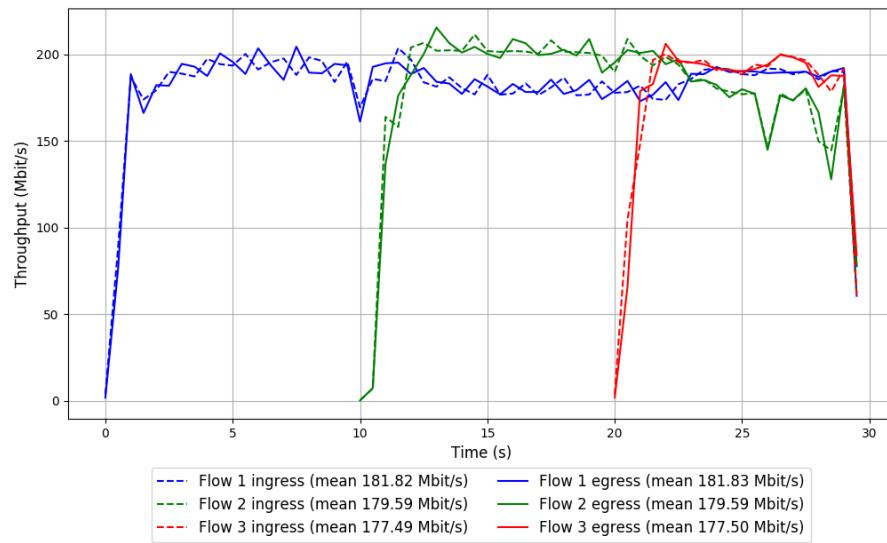
Run 1: Statistics of Indigo

Start at: 2018-01-09 22:34:57

End at: 2018-01-09 22:35:27

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 358.43 Mbit/s
95th percentile per-packet one-way delay: 53.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.83 Mbit/s
95th percentile per-packet one-way delay: 53.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.59 Mbit/s
95th percentile per-packet one-way delay: 52.965 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 177.50 Mbit/s
95th percentile per-packet one-way delay: 52.142 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



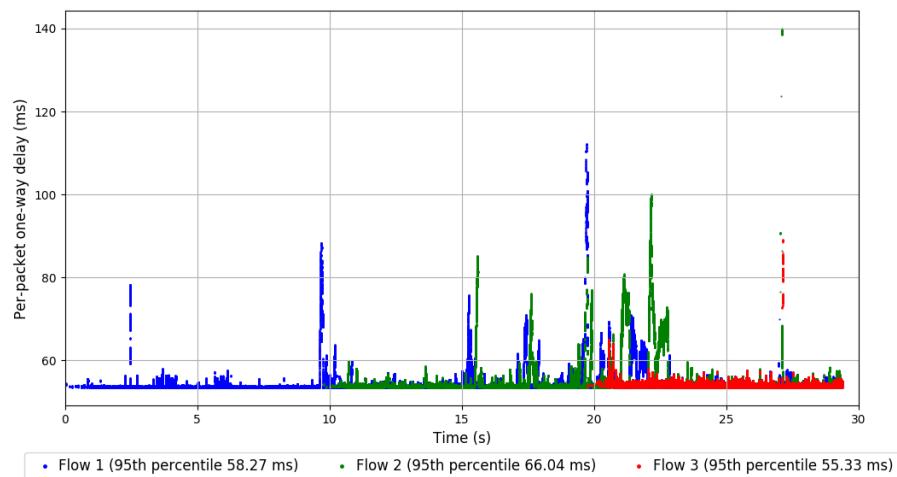
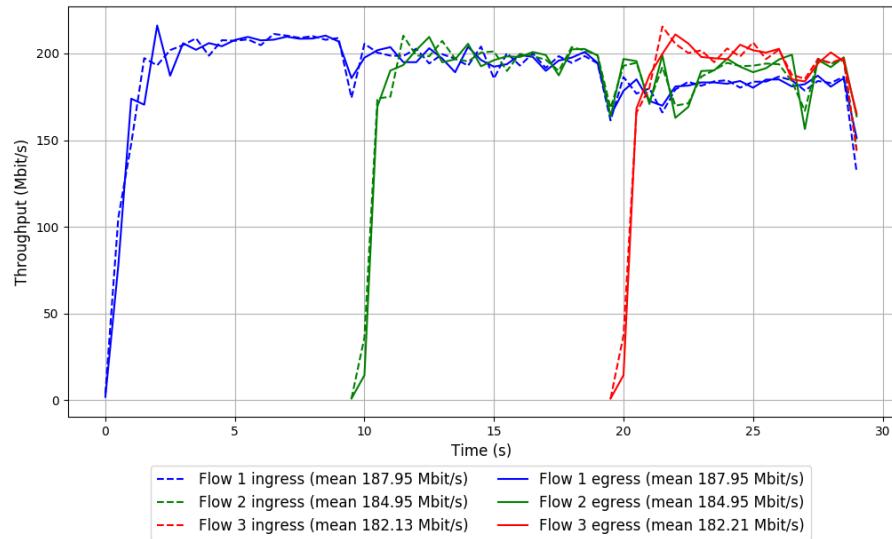
Run 2: Statistics of Indigo

Start at: 2018-01-09 22:48:28

End at: 2018-01-09 22:48:58

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 371.47 Mbit/s
95th percentile per-packet one-way delay: 59.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 187.95 Mbit/s
95th percentile per-packet one-way delay: 58.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.95 Mbit/s
95th percentile per-packet one-way delay: 66.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 182.21 Mbit/s
95th percentile per-packet one-way delay: 55.325 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link



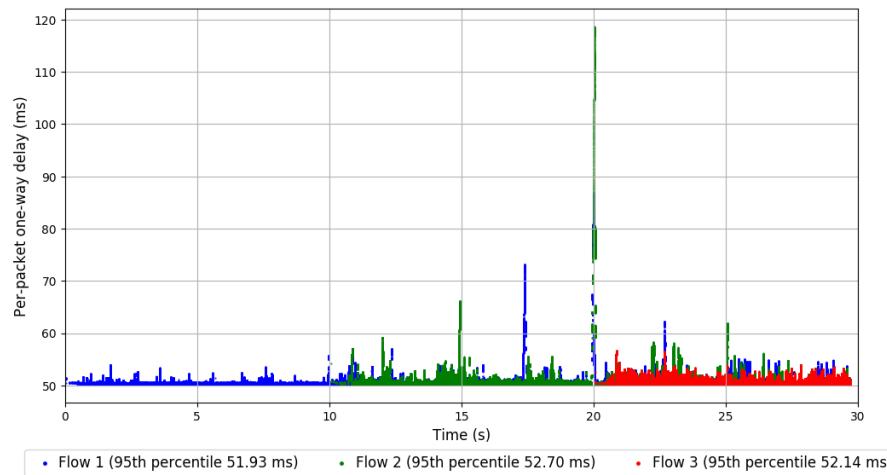
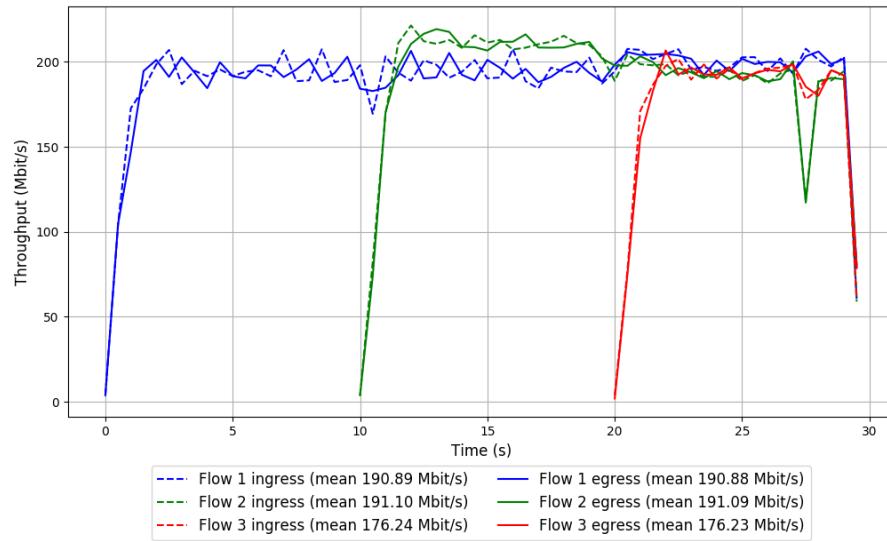
Run 3: Statistics of Indigo

Start at: 2018-01-09 23:02:39

End at: 2018-01-09 23:03:09

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 374.65 Mbit/s
95th percentile per-packet one-way delay: 52.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.88 Mbit/s
95th percentile per-packet one-way delay: 51.932 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.09 Mbit/s
95th percentile per-packet one-way delay: 52.701 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.23 Mbit/s
95th percentile per-packet one-way delay: 52.136 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link



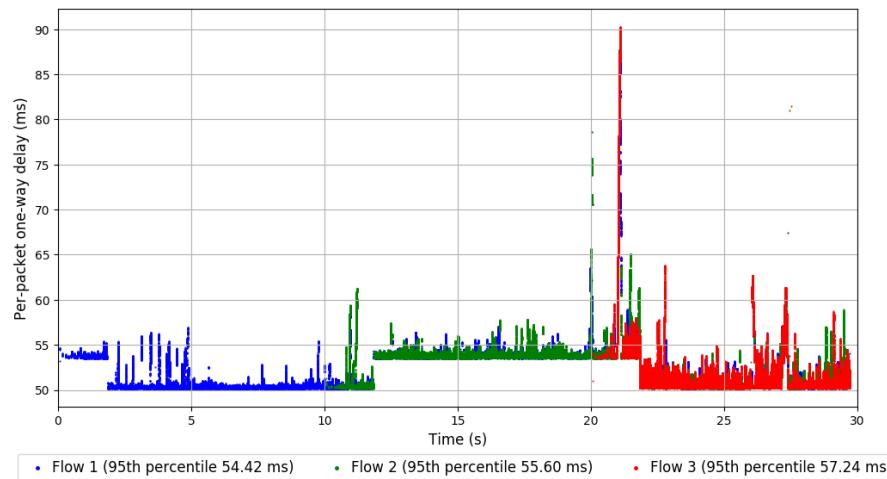
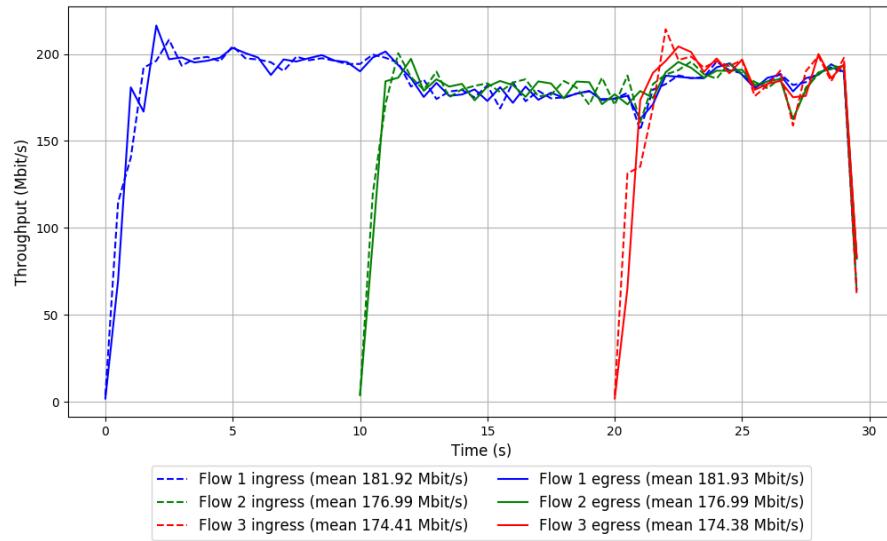
Run 4: Statistics of Indigo

Start at: 2018-01-09 23:16:26

End at: 2018-01-09 23:16:56

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 355.93 Mbit/s
95th percentile per-packet one-way delay: 55.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.93 Mbit/s
95th percentile per-packet one-way delay: 54.419 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 176.99 Mbit/s
95th percentile per-packet one-way delay: 55.600 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 174.38 Mbit/s
95th percentile per-packet one-way delay: 57.243 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo — Data Link



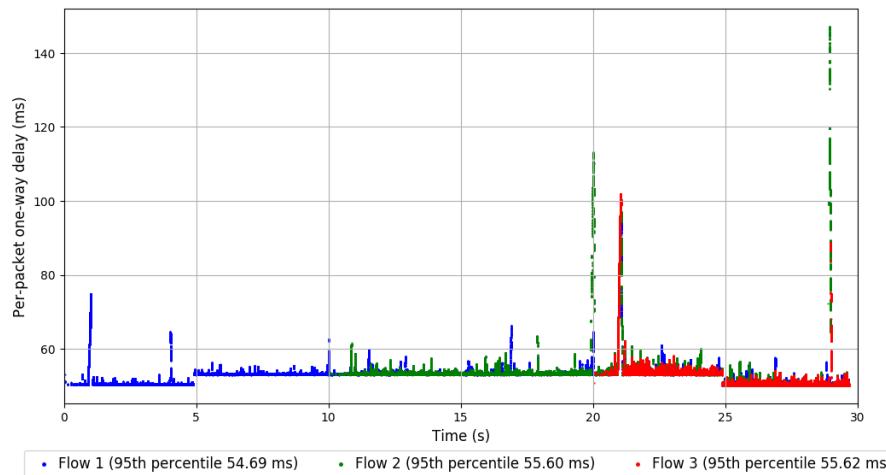
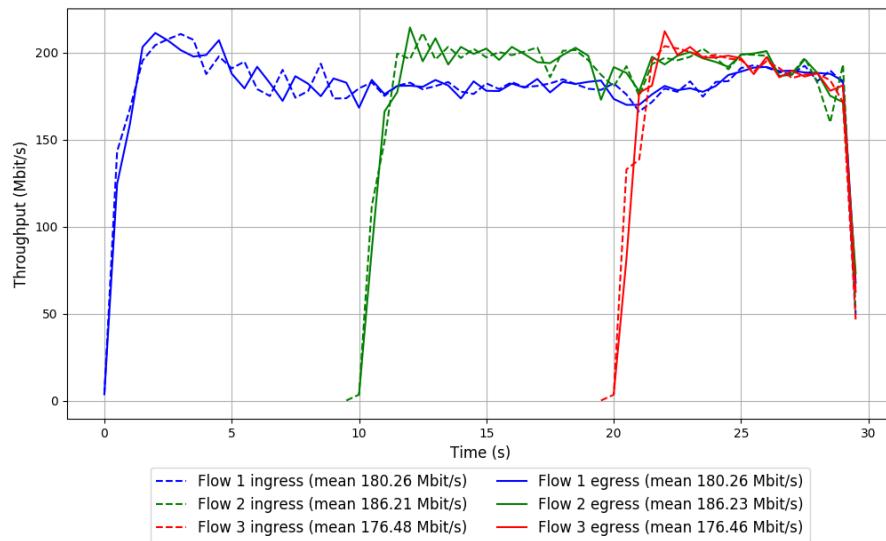
Run 5: Statistics of Indigo

Start at: 2018-01-09 23:30:13

End at: 2018-01-09 23:30:43

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 361.08 Mbit/s
95th percentile per-packet one-way delay: 55.181 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 180.26 Mbit/s
95th percentile per-packet one-way delay: 54.687 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 186.23 Mbit/s
95th percentile per-packet one-way delay: 55.602 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.46 Mbit/s
95th percentile per-packet one-way delay: 55.625 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo — Data Link



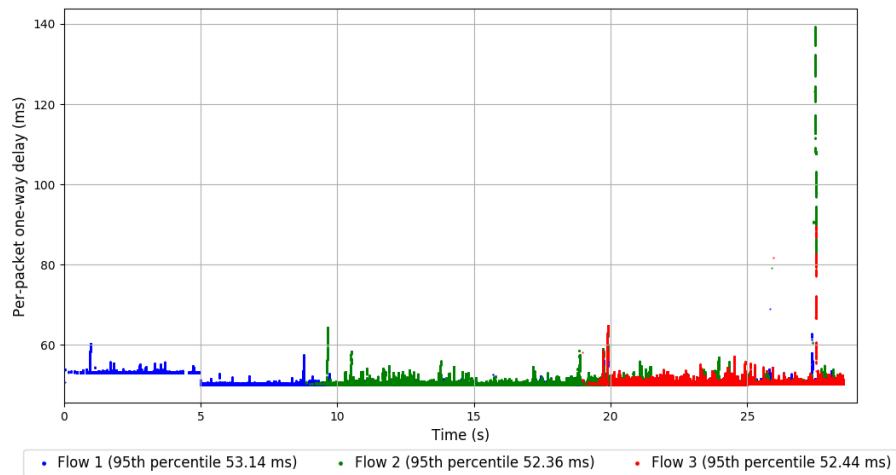
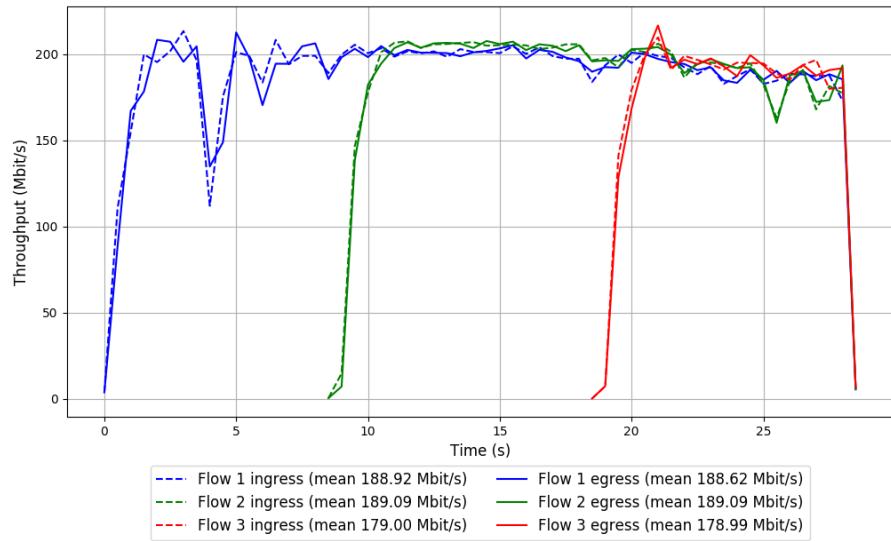
Run 6: Statistics of Indigo

Start at: 2018-01-09 23:44:02

End at: 2018-01-09 23:44:32

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 379.13 Mbit/s
95th percentile per-packet one-way delay: 53.109 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 188.62 Mbit/s
95th percentile per-packet one-way delay: 53.142 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 189.09 Mbit/s
95th percentile per-packet one-way delay: 52.358 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 178.99 Mbit/s
95th percentile per-packet one-way delay: 52.440 ms
Loss rate: 0.01%
```

Run 6: Report of Indigo — Data Link



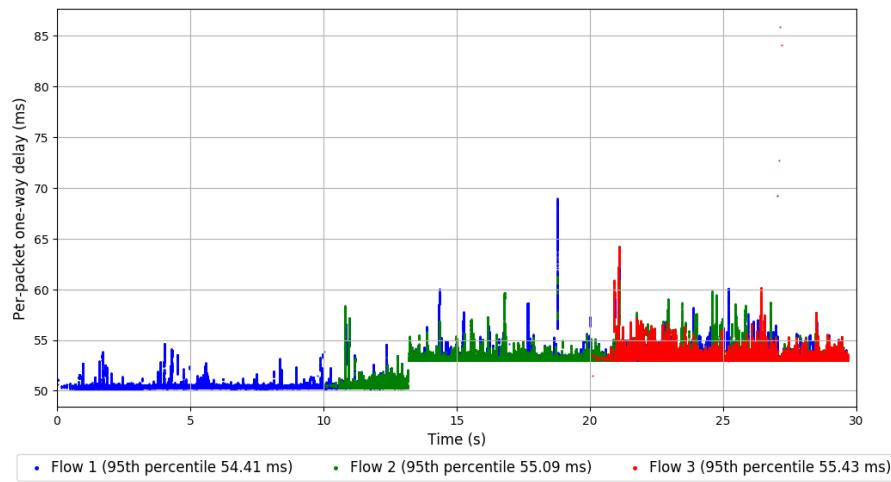
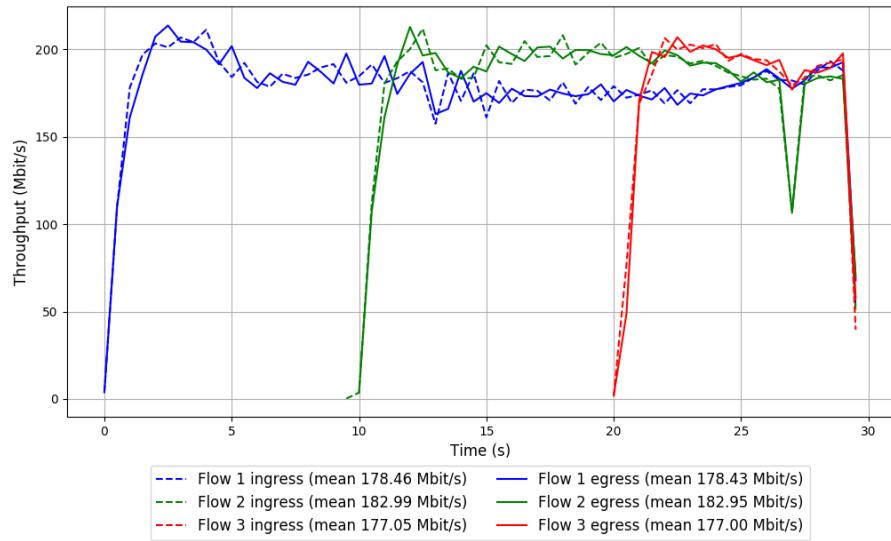
Run 7: Statistics of Indigo

Start at: 2018-01-09 23:57:55

End at: 2018-01-09 23:58:25

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 356.99 Mbit/s
95th percentile per-packet one-way delay: 54.828 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 178.43 Mbit/s
95th percentile per-packet one-way delay: 54.413 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 182.95 Mbit/s
95th percentile per-packet one-way delay: 55.086 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 177.00 Mbit/s
95th percentile per-packet one-way delay: 55.433 ms
Loss rate: 0.03%
```

Run 7: Report of Indigo — Data Link



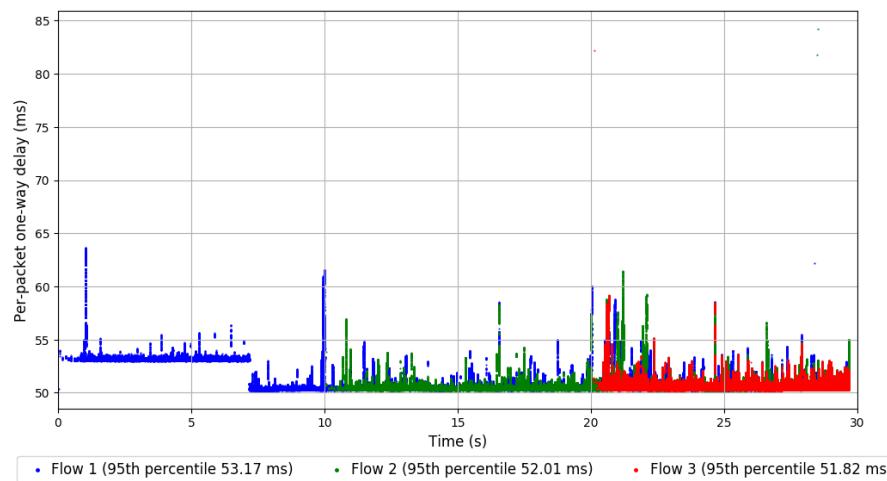
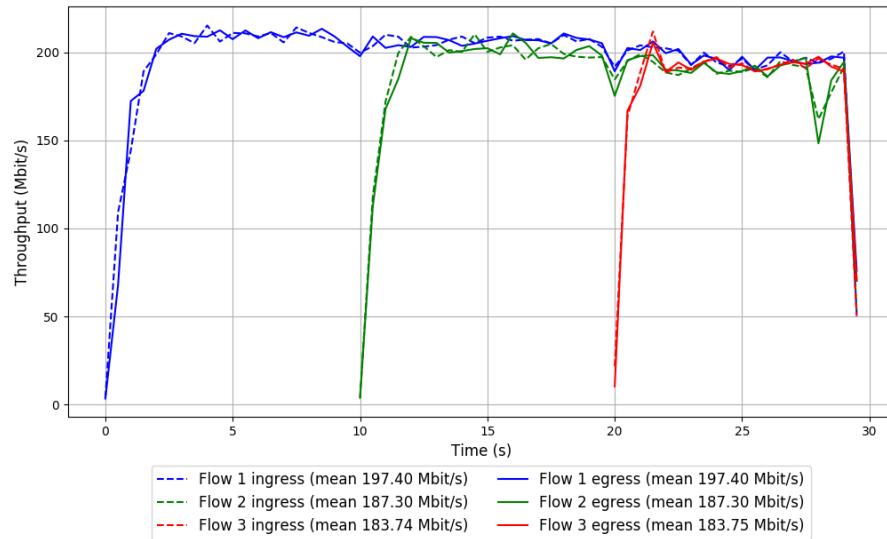
Run 8: Statistics of Indigo

Start at: 2018-01-10 00:11:21

End at: 2018-01-10 00:11:51

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 380.91 Mbit/s
95th percentile per-packet one-way delay: 53.131 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.40 Mbit/s
95th percentile per-packet one-way delay: 53.174 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.30 Mbit/s
95th percentile per-packet one-way delay: 52.009 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.75 Mbit/s
95th percentile per-packet one-way delay: 51.817 ms
Loss rate: 0.01%
```

Run 8: Report of Indigo — Data Link



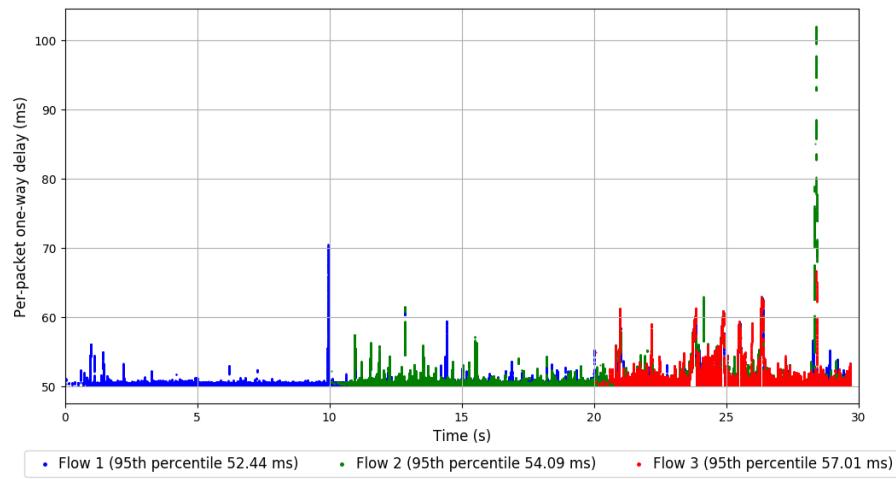
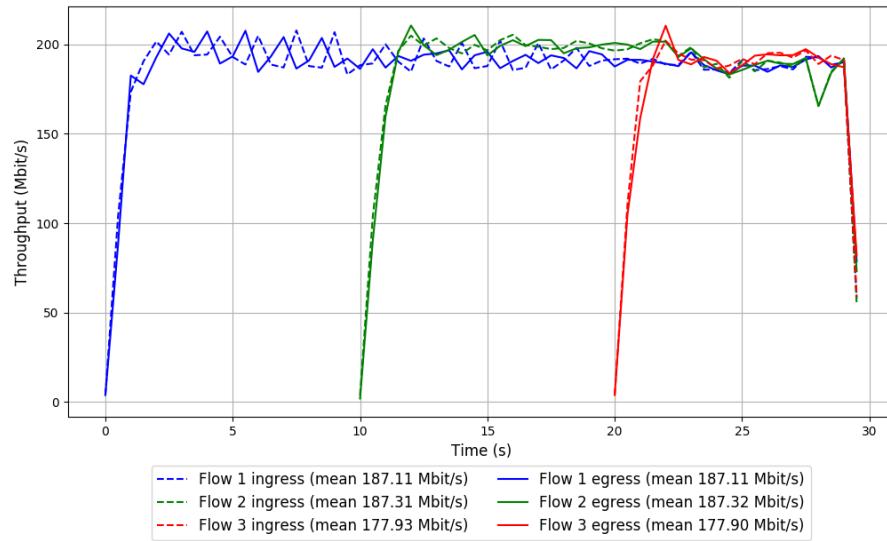
Run 9: Statistics of Indigo

Start at: 2018-01-10 00:25:24

End at: 2018-01-10 00:25:54

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 368.90 Mbit/s
95th percentile per-packet one-way delay: 53.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 187.11 Mbit/s
95th percentile per-packet one-way delay: 52.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.32 Mbit/s
95th percentile per-packet one-way delay: 54.086 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 177.90 Mbit/s
95th percentile per-packet one-way delay: 57.005 ms
Loss rate: 0.01%
```

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-10 00:39:38

End at: 2018-01-10 00:40:08

```
# Below is generated by plot.py at 2018-01-10 03:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 358.73 Mbit/s
95th percentile per-packet one-way delay: 54.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.05 Mbit/s
95th percentile per-packet one-way delay: 54.392 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.33 Mbit/s
95th percentile per-packet one-way delay: 55.541 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 175.47 Mbit/s
95th percentile per-packet one-way delay: 54.801 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

