

Pantheon Report

Generated at 2019-01-21 08:10:38 (UTC).
Data path: AWS California 1 on `ens5` (*local*) → Stanford on `eno1` (*remote*).
Repeated the test of 21 congestion control schemes 5 times.
Each test lasted for 30 seconds running 1 flow.
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

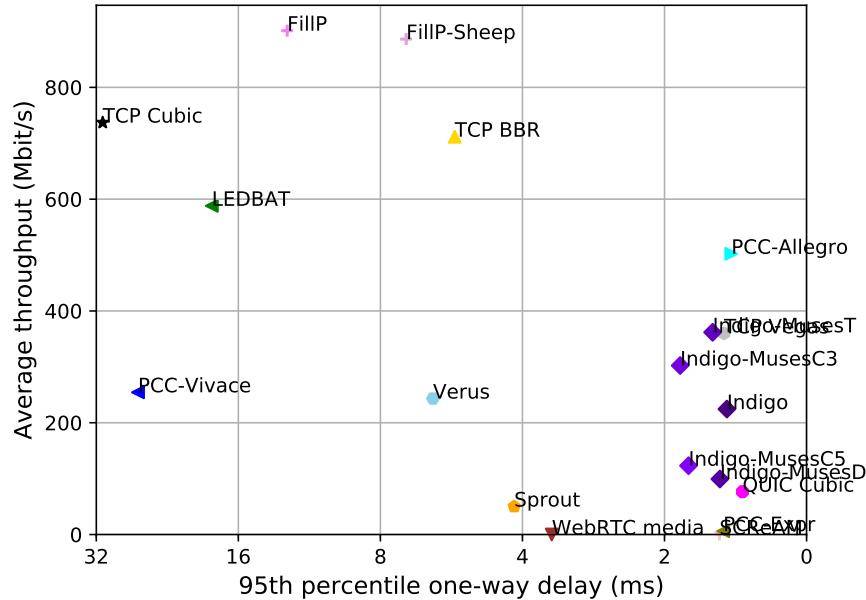
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

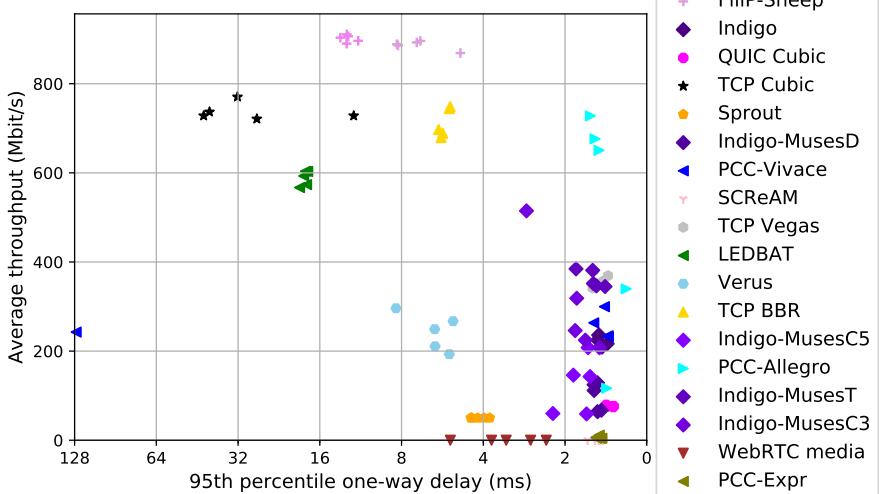
```
branch: muses @ 89d24e57783e7fbfec537a619071de937b639e38
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 1ddcff131048c6962f123bcd22b4d166a422adde
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS California 1 to Stanford, 5 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS California 1 to Stanford, 5 runs of 30s each per scheme



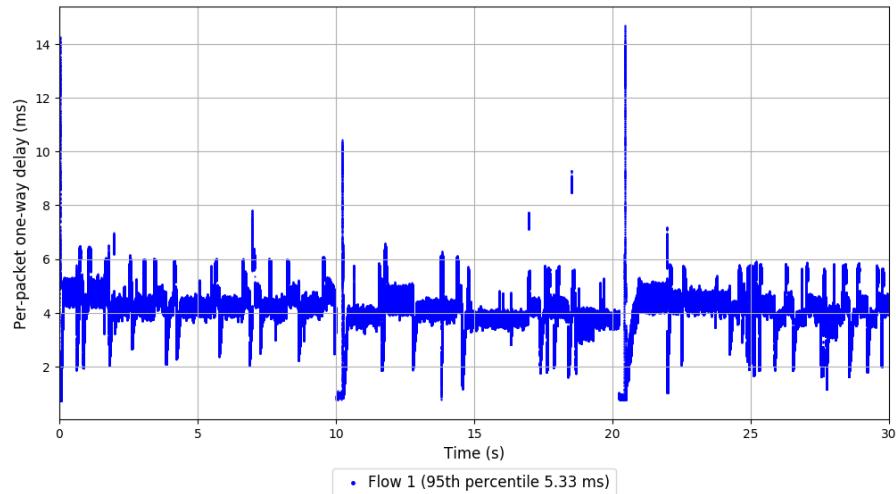
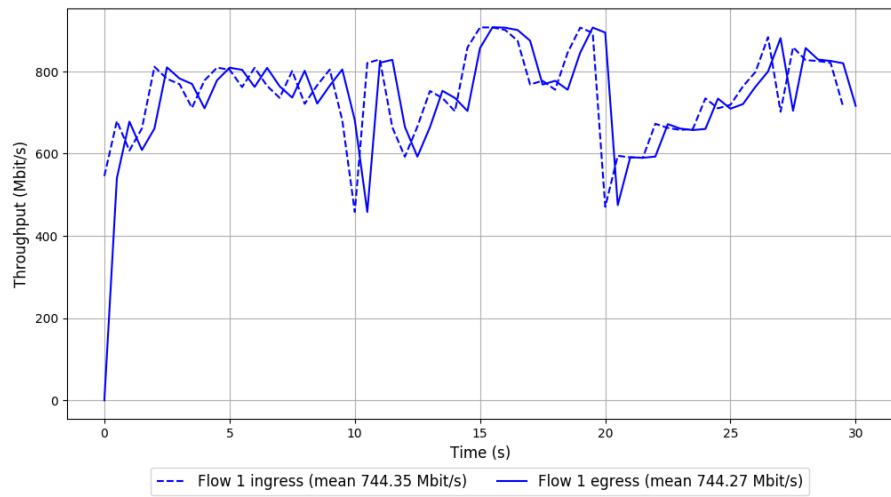
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	711.70	5.57	0.01
Copa	0	N/A	N/A	N/A
TCP Cubic	5	736.96	31.01	0.06
FillP	5	901.39	12.61	3.33
FillP-Sheep	5	886.44	7.05	2.16
Indigo	5	224.46	1.12	0.00
Indigo-MusesC3	5	302.35	1.78	0.01
Indigo-MusesC5	5	123.15	1.66	0.02
Indigo-MusesD	5	99.33	1.22	0.00
Indigo-MusesT	5	361.79	1.32	0.00
LEDBAT	5	588.06	18.21	0.05
PCC-Allegro	5	502.20	1.06	0.01
PCC-Expr	5	6.11	1.17	13.09
QUIC Cubic	5	76.68	0.90	0.00
SCReAM	5	0.22	1.23	0.00
Sprout	5	50.11	4.16	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	359.90	1.16	0.00
Verus	5	243.28	6.19	0.53
PCC-Vivace	5	254.48	26.11	0.43
WebRTC media	5	0.05	3.47	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-01-21 05:01:29
End at: 2019-01-21 05:01:59
Local clock offset: 3.933 ms
Remote clock offset: -4.603 ms

# Below is generated by plot.py at 2019-01-21 07:31:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 744.27 Mbit/s
95th percentile per-packet one-way delay: 5.332 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 744.27 Mbit/s
95th percentile per-packet one-way delay: 5.332 ms
Loss rate: 0.01%
```

Run 1: Report of TCP BBR — Data Link

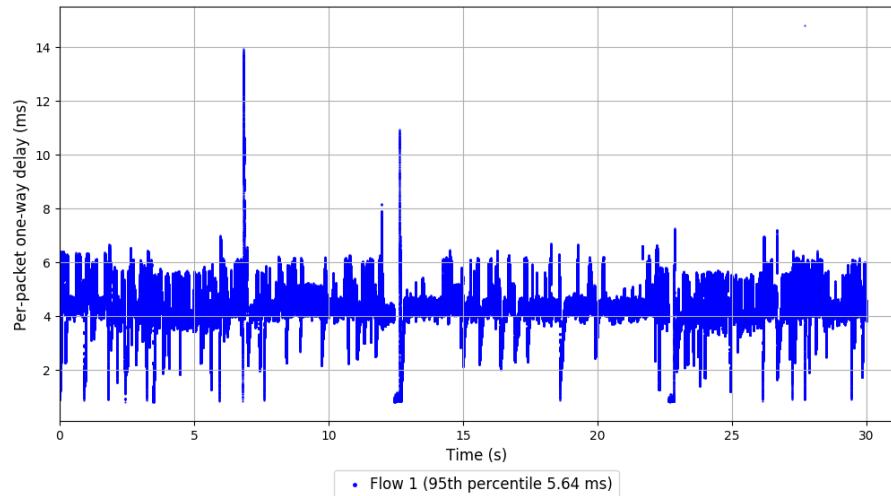
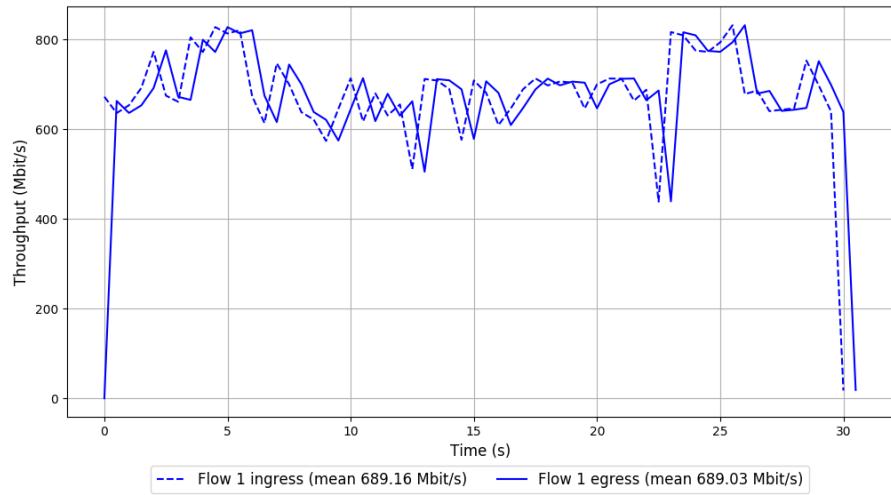


Run 2: Statistics of TCP BBR

```
Start at: 2019-01-21 05:30:32
End at: 2019-01-21 05:31:02
Local clock offset: 3.707 ms
Remote clock offset: -6.021 ms

# Below is generated by plot.py at 2019-01-21 07:31:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 689.03 Mbit/s
95th percentile per-packet one-way delay: 5.640 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 689.03 Mbit/s
95th percentile per-packet one-way delay: 5.640 ms
Loss rate: 0.02%
```

Run 2: Report of TCP BBR — Data Link

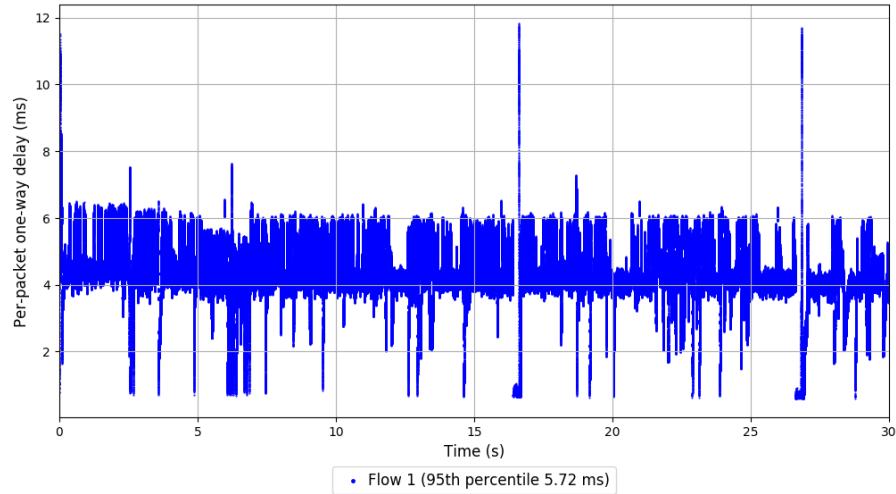
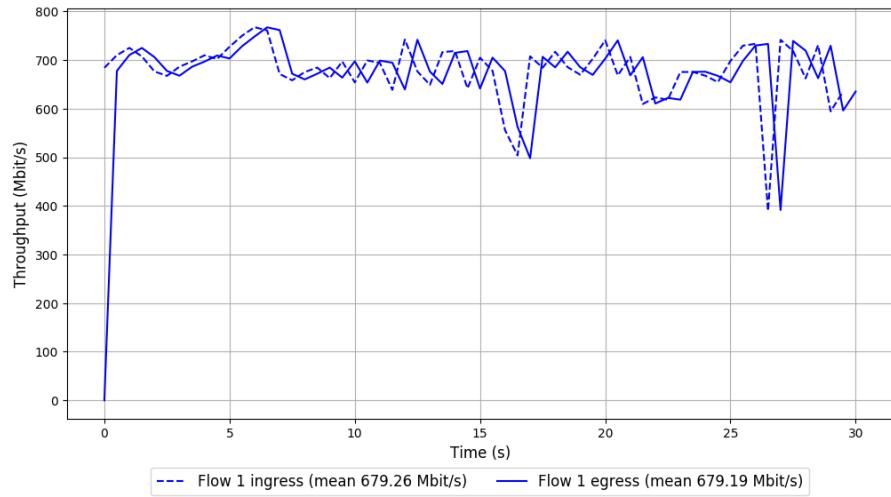


Run 3: Statistics of TCP BBR

```
Start at: 2019-01-21 05:59:18
End at: 2019-01-21 05:59:48
Local clock offset: 3.02 ms
Remote clock offset: 4.964 ms

# Below is generated by plot.py at 2019-01-21 07:31:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 679.19 Mbit/s
95th percentile per-packet one-way delay: 5.719 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 679.19 Mbit/s
95th percentile per-packet one-way delay: 5.719 ms
Loss rate: 0.01%
```

Run 3: Report of TCP BBR — Data Link

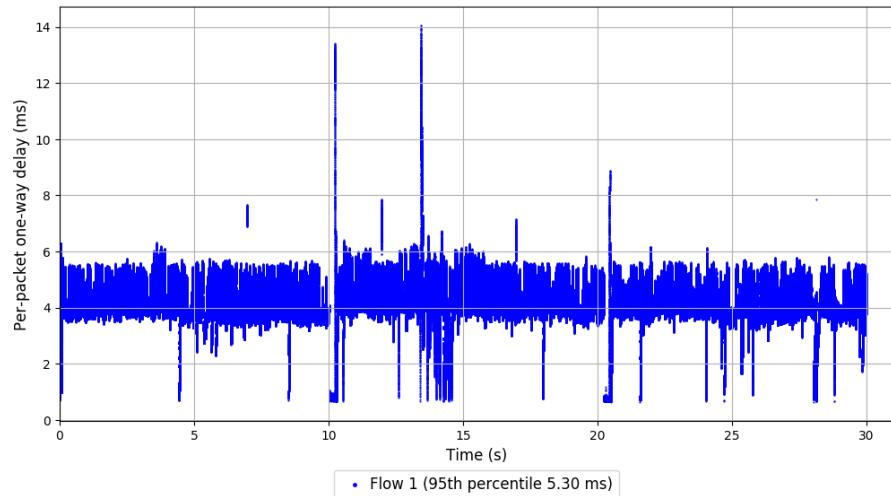
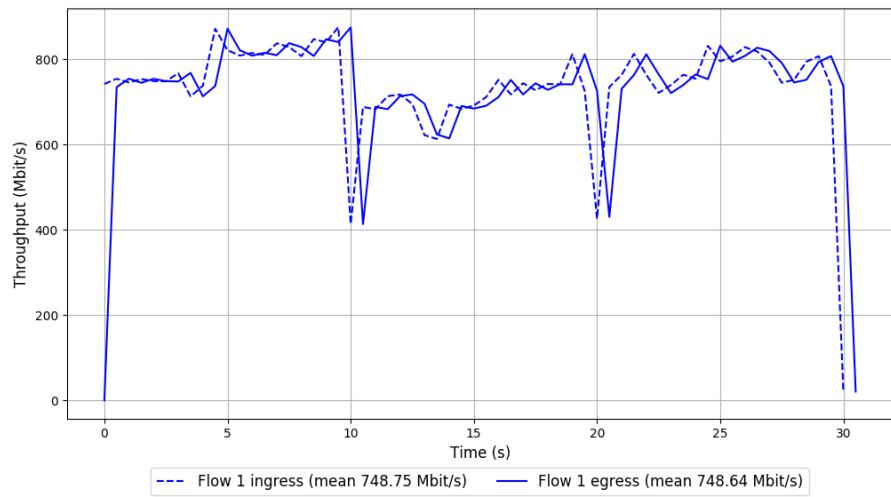


Run 4: Statistics of TCP BBR

```
Start at: 2019-01-21 06:28:10
End at: 2019-01-21 06:28:40
Local clock offset: 3.058 ms
Remote clock offset: 9.133 ms

# Below is generated by plot.py at 2019-01-21 07:31:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 748.64 Mbit/s
95th percentile per-packet one-way delay: 5.296 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 748.64 Mbit/s
95th percentile per-packet one-way delay: 5.296 ms
Loss rate: 0.01%
```

Run 4: Report of TCP BBR — Data Link

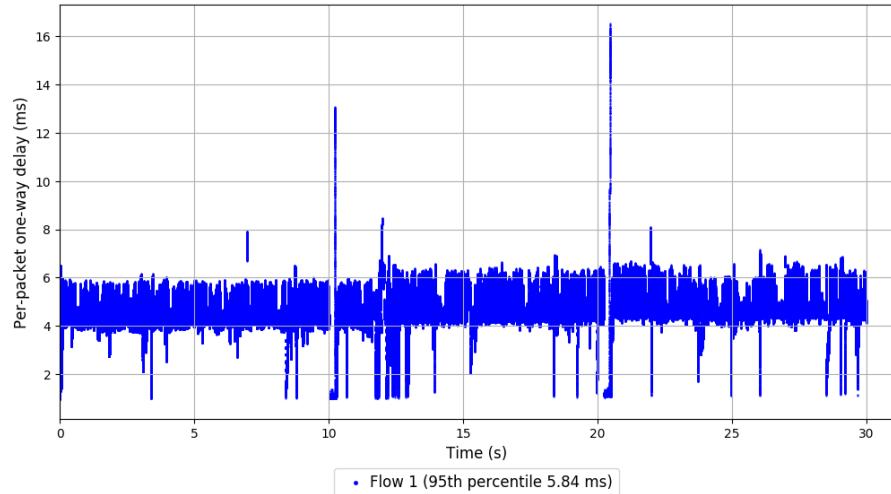
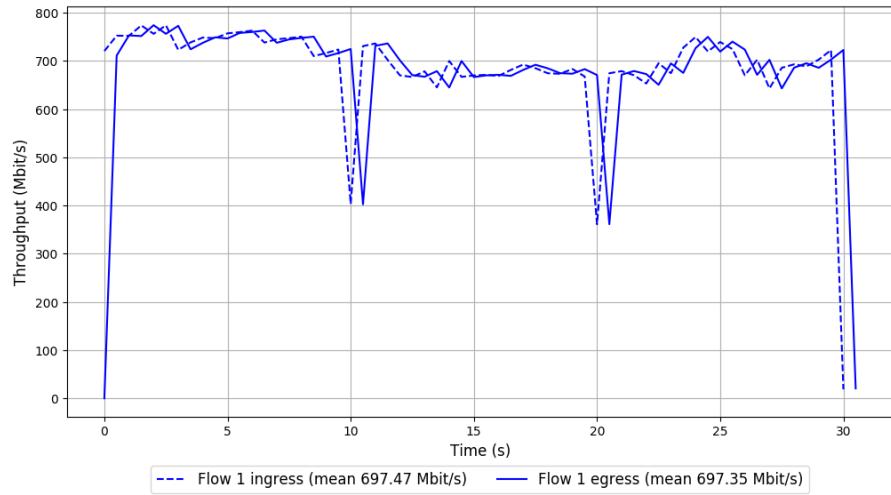


Run 5: Statistics of TCP BBR

```
Start at: 2019-01-21 06:57:12
End at: 2019-01-21 06:57:42
Local clock offset: 2.821 ms
Remote clock offset: 2.481 ms

# Below is generated by plot.py at 2019-01-21 07:31:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 697.35 Mbit/s
95th percentile per-packet one-way delay: 5.842 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 697.35 Mbit/s
95th percentile per-packet one-way delay: 5.842 ms
Loss rate: 0.02%
```

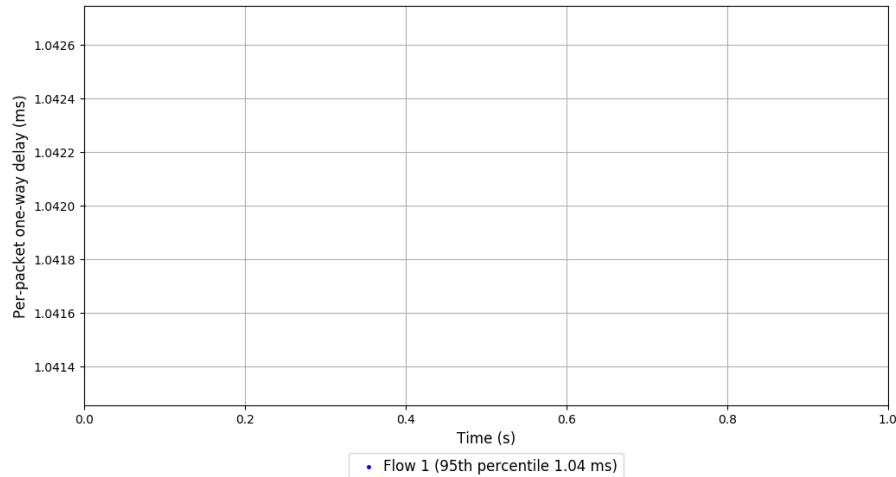
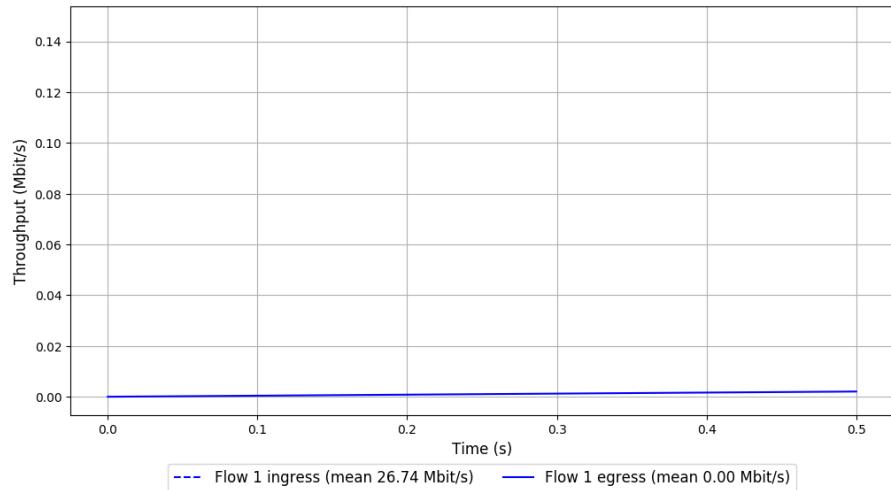
Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-01-21 05:08:27
End at: 2019-01-21 05:08:57
Local clock offset: 3.959 ms
Remote clock offset: -4.964 ms

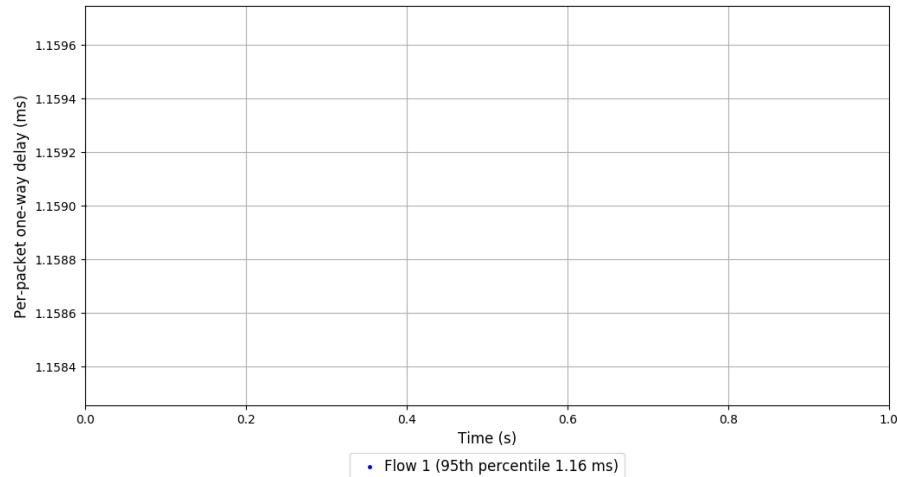
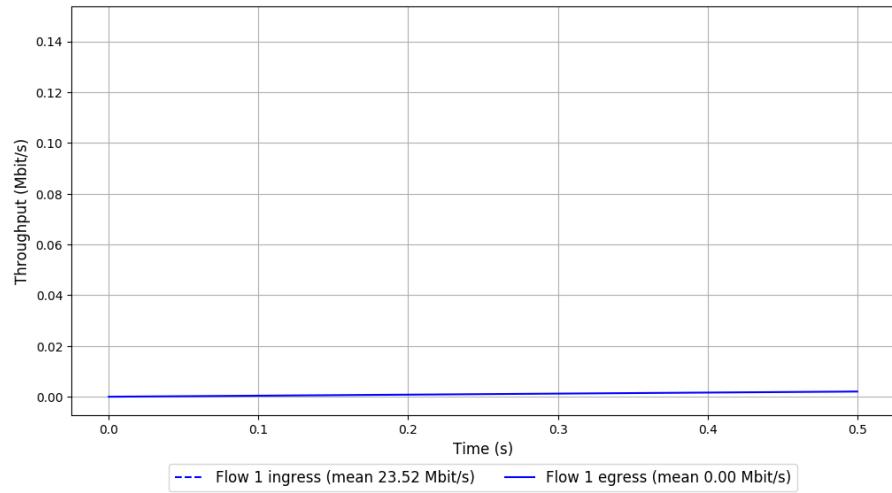
Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-01-21 05:37:28
End at: 2019-01-21 05:37:58
Local clock offset: 3.73 ms
Remote clock offset: -6.397 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

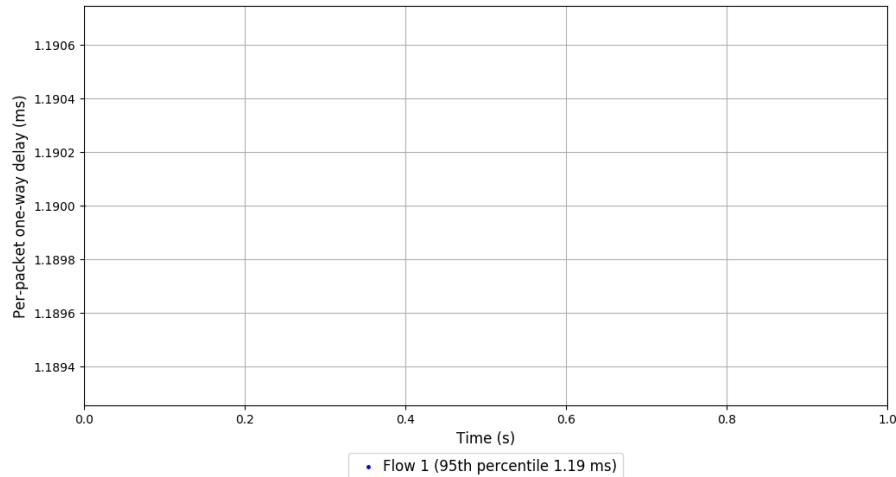
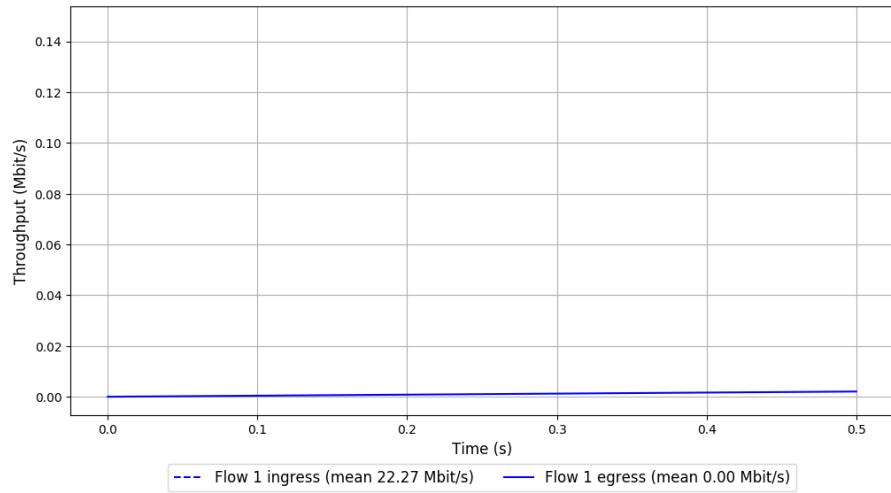
Start at: 2019-01-21 06:06:10

End at: 2019-01-21 06:06:40

Local clock offset: 2.832 ms

Remote clock offset: 6.152 ms

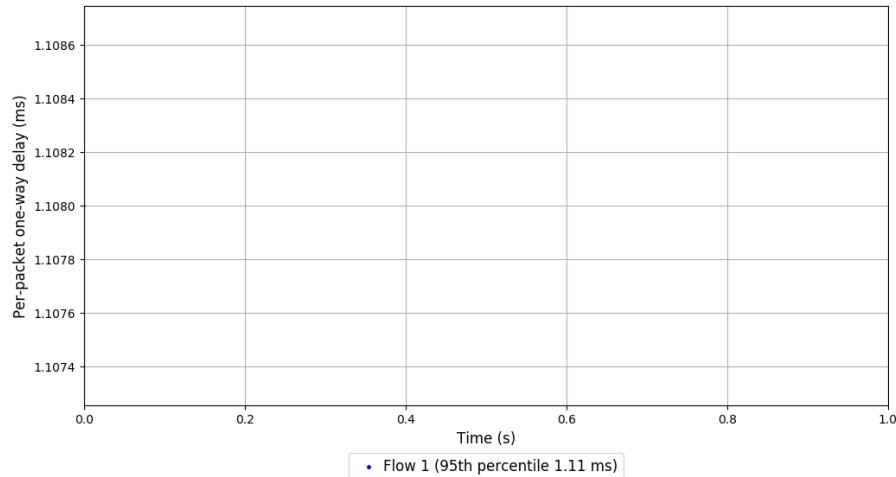
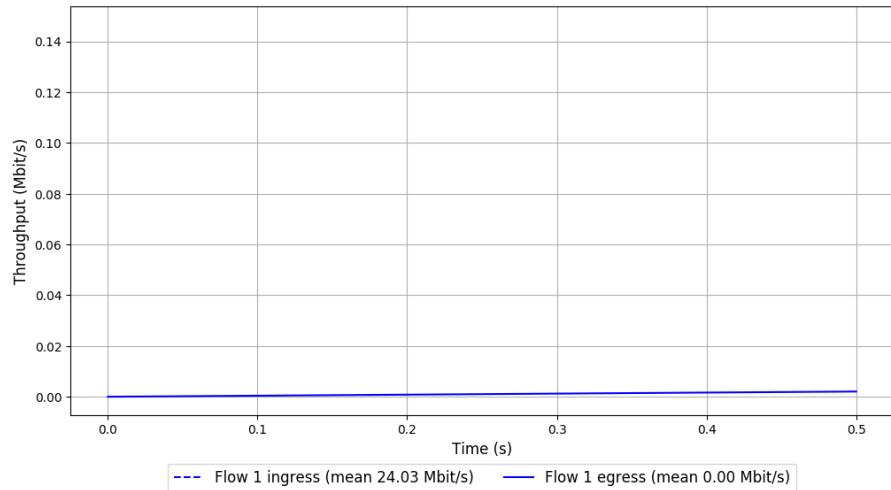
Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-01-21 06:35:05
End at: 2019-01-21 06:35:35
Local clock offset: 3.193 ms
Remote clock offset: 10.054 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

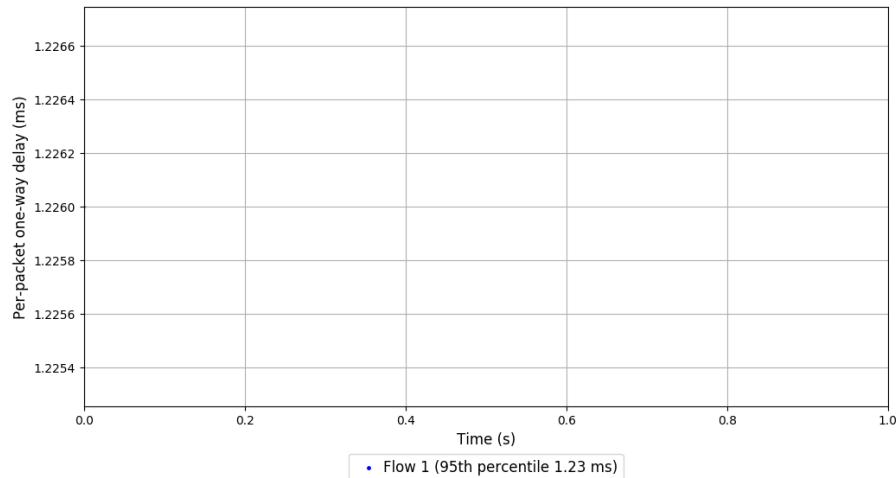
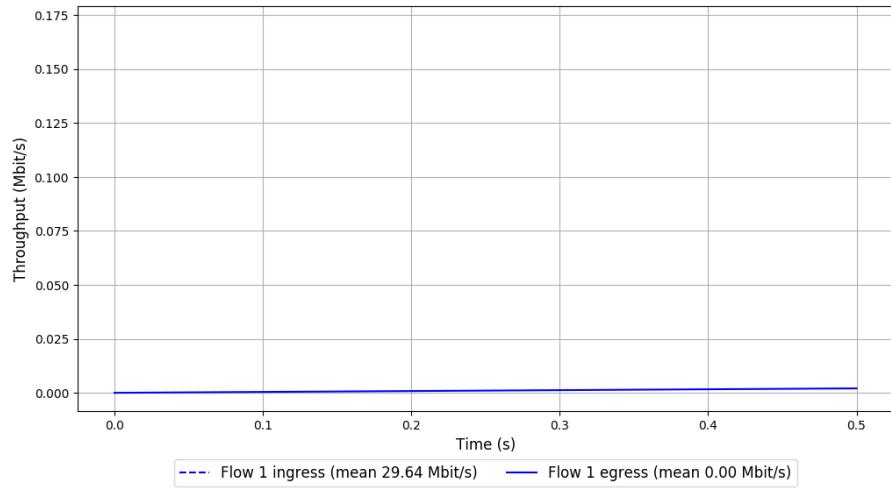
Start at: 2019-01-21 07:04:12

End at: 2019-01-21 07:04:42

Local clock offset: 2.642 ms

Remote clock offset: 0.228 ms

Run 5: Report of Copa — Data Link

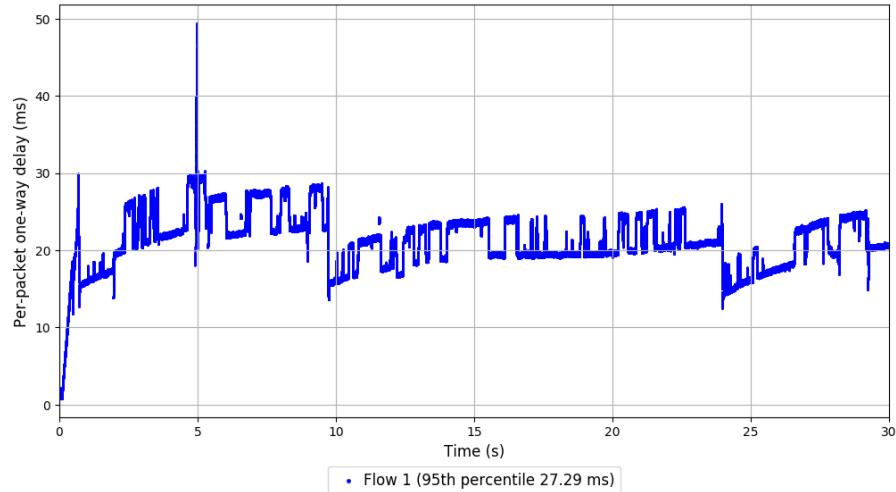
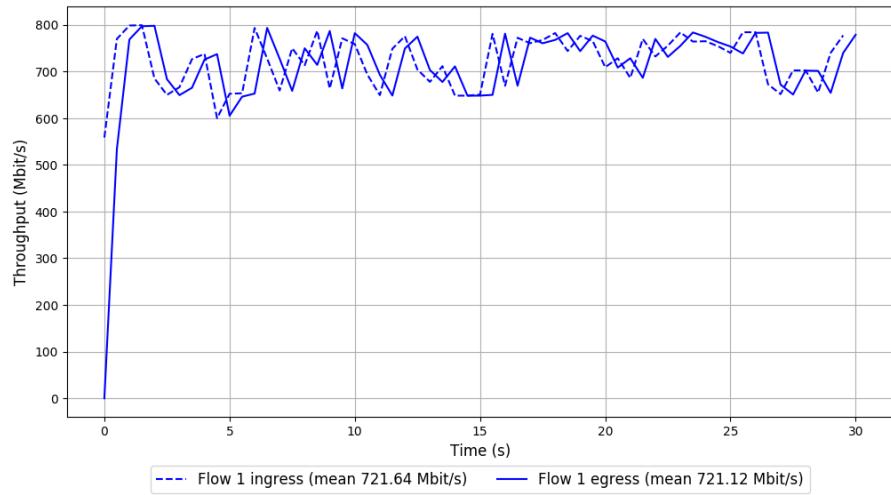


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-01-21 05:04:19
End at: 2019-01-21 05:04:49
Local clock offset: 3.919 ms
Remote clock offset: -4.715 ms

# Below is generated by plot.py at 2019-01-21 07:31:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 721.12 Mbit/s
95th percentile per-packet one-way delay: 27.290 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 721.12 Mbit/s
95th percentile per-packet one-way delay: 27.290 ms
Loss rate: 0.07%
```

Run 1: Report of TCP Cubic — Data Link

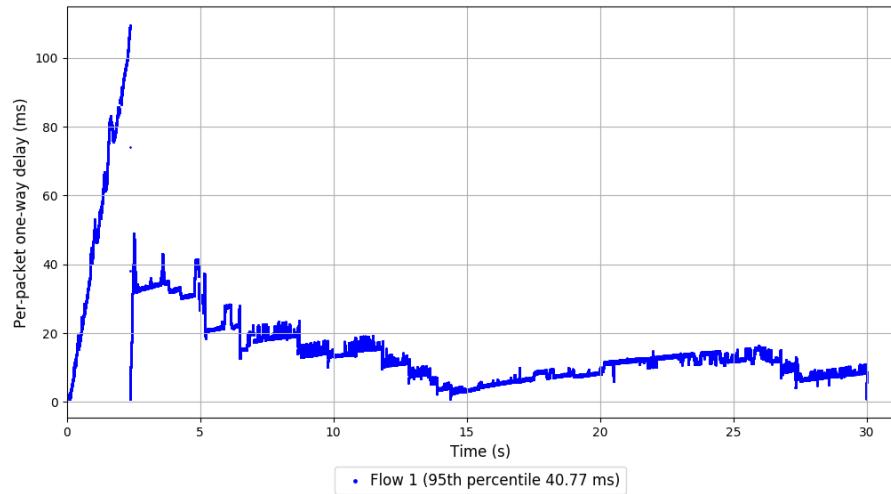
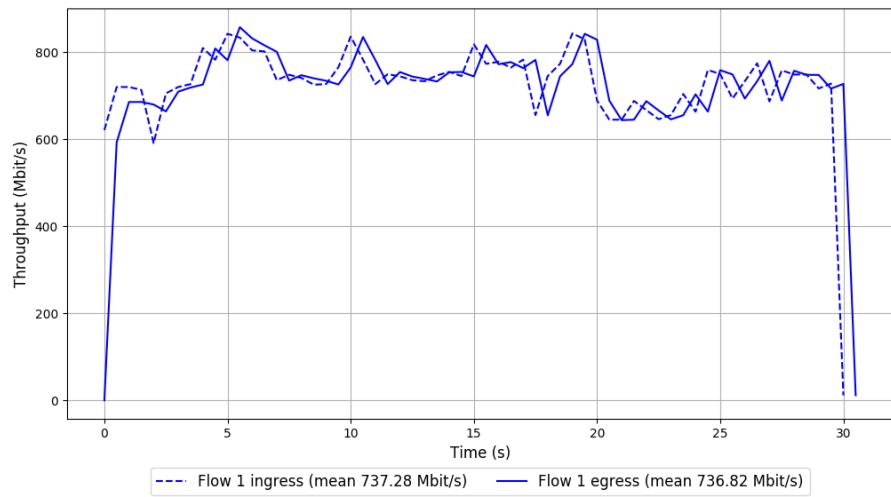


Run 2: Statistics of TCP Cubic

```
Start at: 2019-01-21 05:33:19
End at: 2019-01-21 05:38:49
Local clock offset: 3.704 ms
Remote clock offset: -6.173 ms

# Below is generated by plot.py at 2019-01-21 07:31:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 736.82 Mbit/s
95th percentile per-packet one-way delay: 40.771 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 736.82 Mbit/s
95th percentile per-packet one-way delay: 40.771 ms
Loss rate: 0.06%
```

Run 2: Report of TCP Cubic — Data Link

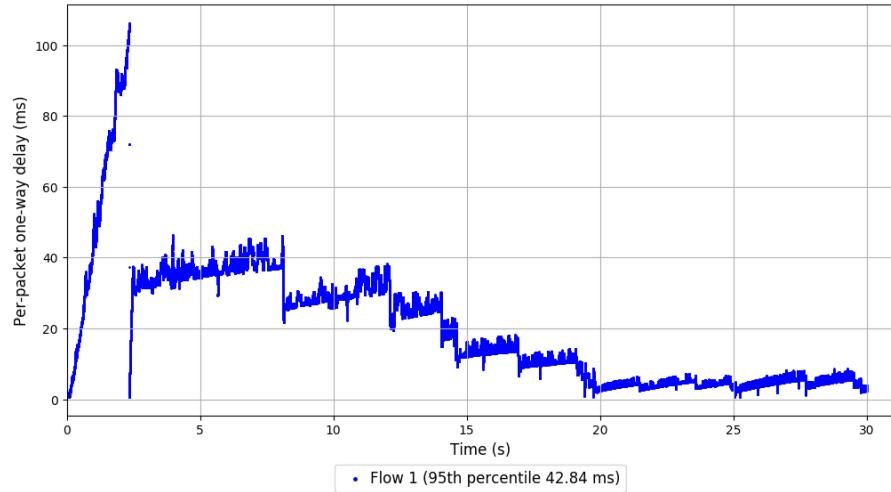
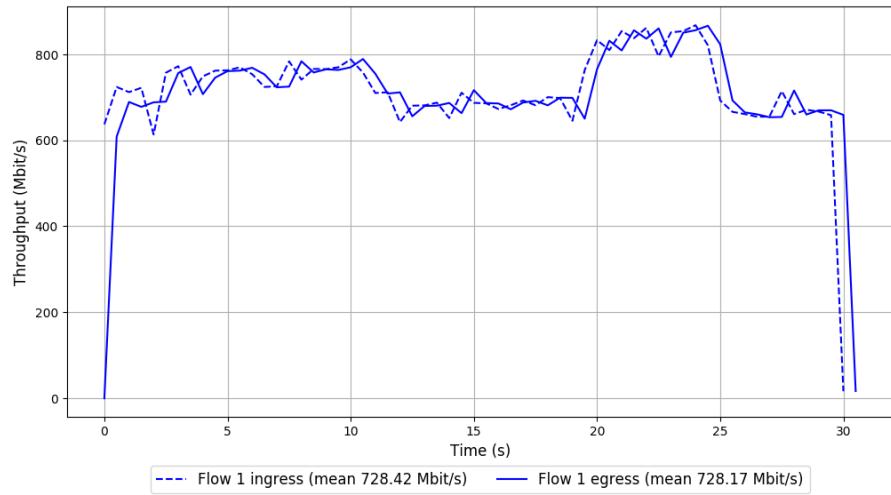


Run 3: Statistics of TCP Cubic

```
Start at: 2019-01-21 06:02:05
End at: 2019-01-21 06:02:35
Local clock offset: 2.921 ms
Remote clock offset: 5.508 ms

# Below is generated by plot.py at 2019-01-21 07:31:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 728.17 Mbit/s
95th percentile per-packet one-way delay: 42.842 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 728.17 Mbit/s
95th percentile per-packet one-way delay: 42.842 ms
Loss rate: 0.04%
```

Run 3: Report of TCP Cubic — Data Link

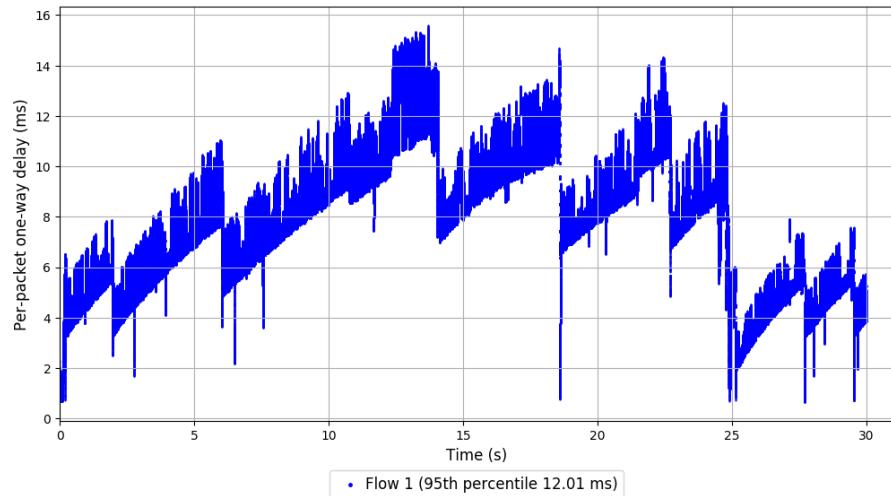
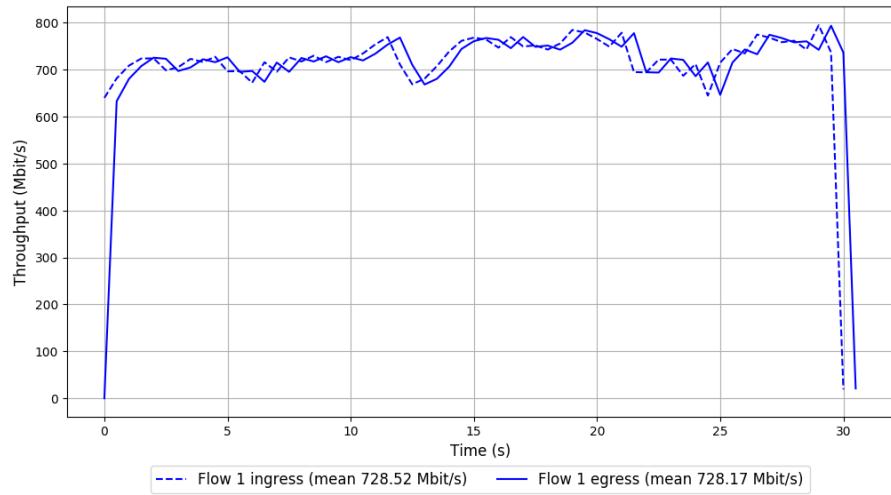


Run 4: Statistics of TCP Cubic

```
Start at: 2019-01-21 06:30:59
End at: 2019-01-21 06:31:29
Local clock offset: 3.118 ms
Remote clock offset: 9.509 ms

# Below is generated by plot.py at 2019-01-21 07:37:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 728.17 Mbit/s
95th percentile per-packet one-way delay: 12.005 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 728.17 Mbit/s
95th percentile per-packet one-way delay: 12.005 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Cubic — Data Link

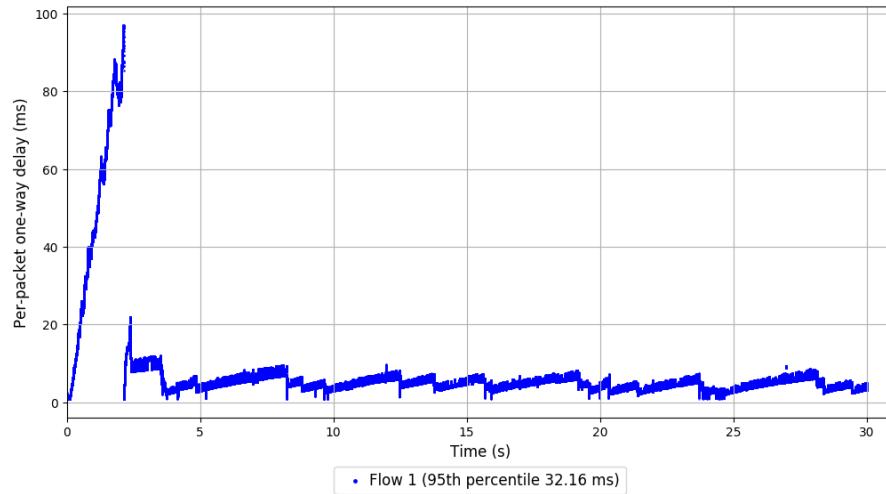
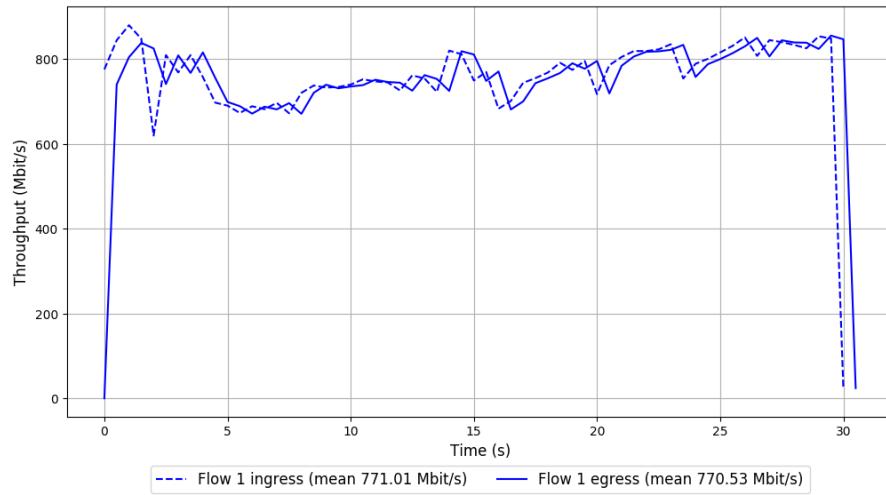


Run 5: Statistics of TCP Cubic

```
Start at: 2019-01-21 07:00:00
End at: 2019-01-21 07:00:30
Local clock offset: 2.734 ms
Remote clock offset: 1.311 ms

# Below is generated by plot.py at 2019-01-21 07:37:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 770.53 Mbit/s
95th percentile per-packet one-way delay: 32.165 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 770.53 Mbit/s
95th percentile per-packet one-way delay: 32.165 ms
Loss rate: 0.06%
```

Run 5: Report of TCP Cubic — Data Link

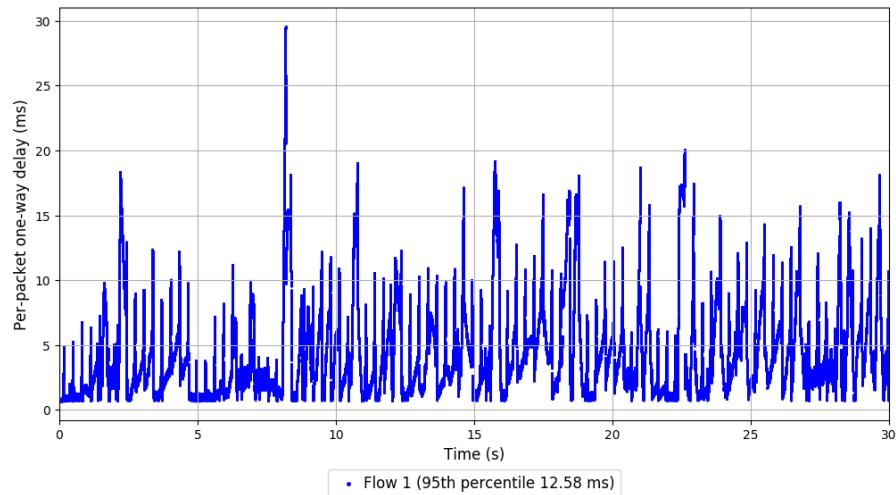
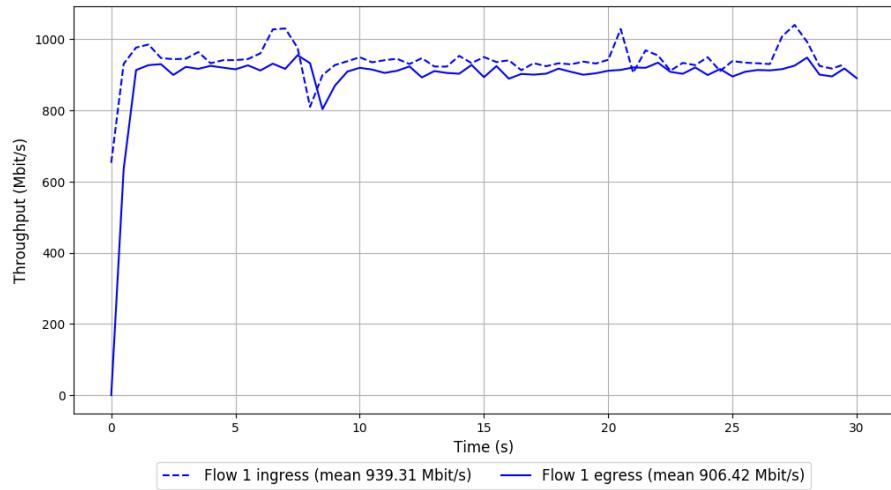


```
Run 1: Statistics of FillP
```

```
Start at: 2019-01-21 05:15:16
End at: 2019-01-21 05:15:46
Local clock offset: 4.068 ms
Remote clock offset: -5.377 ms

# Below is generated by plot.py at 2019-01-21 07:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 906.42 Mbit/s
95th percentile per-packet one-way delay: 12.578 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 906.42 Mbit/s
95th percentile per-packet one-way delay: 12.578 ms
Loss rate: 3.50%
```

Run 1: Report of FillP — Data Link

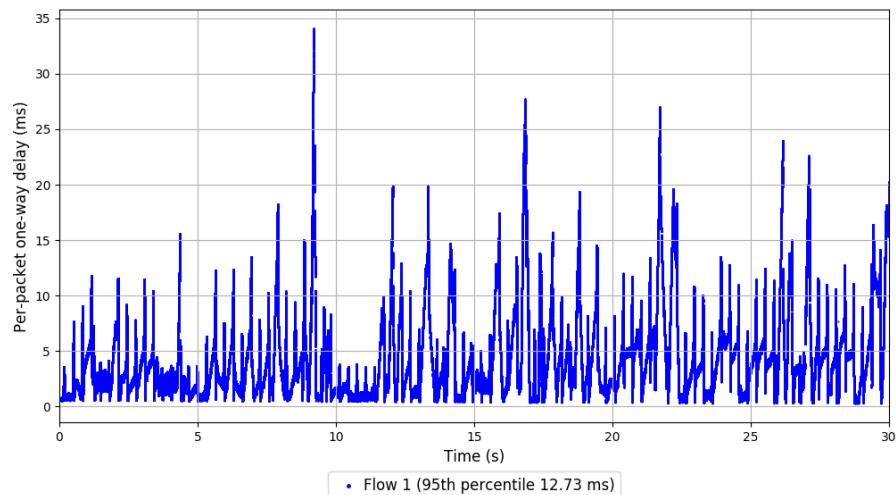
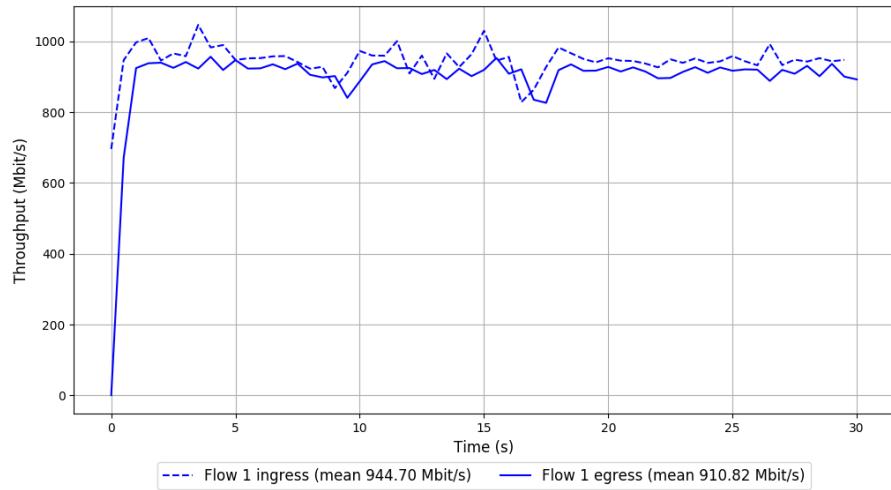


Run 2: Statistics of FillP

```
Start at: 2019-01-21 05:44:07
End at: 2019-01-21 05:44:37
Local clock offset: 3.817 ms
Remote clock offset: -0.669 ms

# Below is generated by plot.py at 2019-01-21 07:42:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 910.82 Mbit/s
95th percentile per-packet one-way delay: 12.728 ms
Loss rate: 3.59%
-- Flow 1:
Average throughput: 910.82 Mbit/s
95th percentile per-packet one-way delay: 12.728 ms
Loss rate: 3.59%
```

Run 2: Report of FillP — Data Link

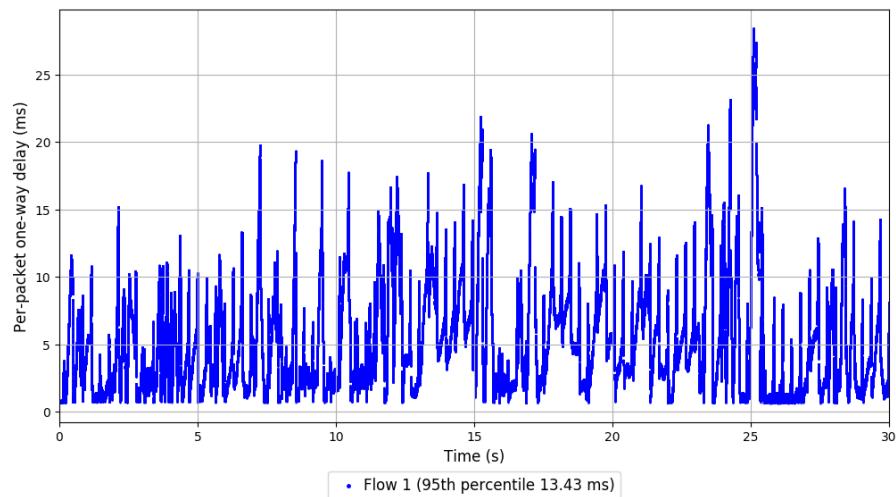
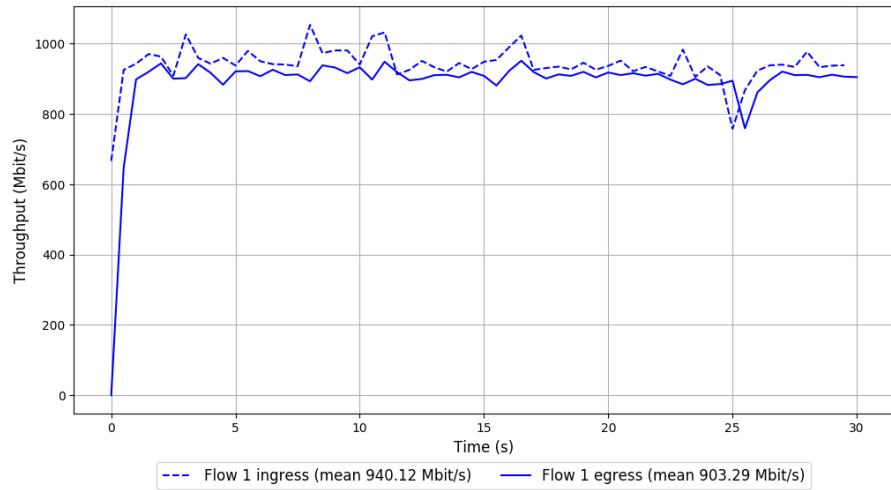


Run 3: Statistics of FillP

```
Start at: 2019-01-21 06:12:59
End at: 2019-01-21 06:13:29
Local clock offset: 2.735 ms
Remote clock offset: 7.208 ms

# Below is generated by plot.py at 2019-01-21 07:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 903.29 Mbit/s
95th percentile per-packet one-way delay: 13.433 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 903.29 Mbit/s
95th percentile per-packet one-way delay: 13.433 ms
Loss rate: 3.92%
```

Run 3: Report of FillP — Data Link

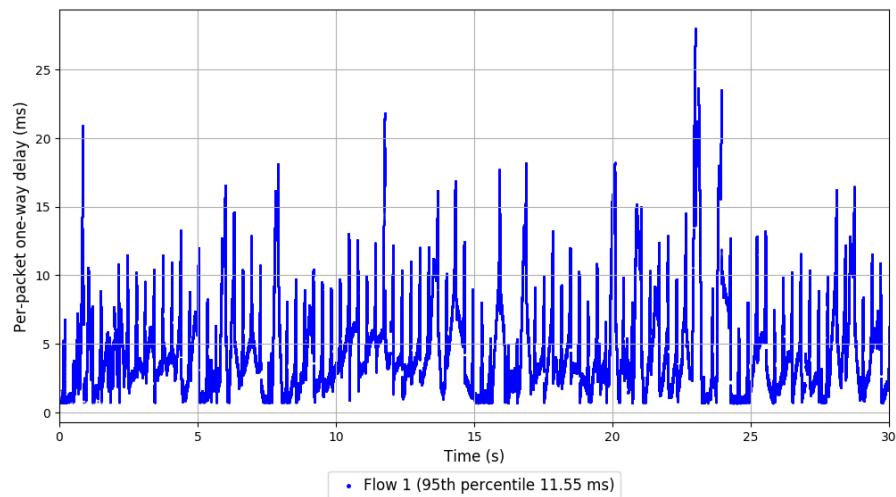
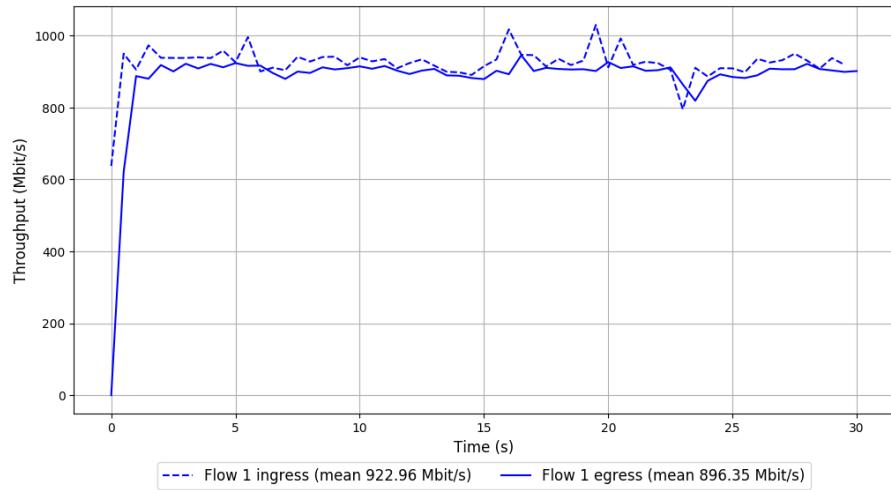


```
Run 4: Statistics of FillP
```

```
Start at: 2019-01-21 06:42:01
End at: 2019-01-21 06:42:31
Local clock offset: 3.25 ms
Remote clock offset: 10.94 ms

# Below is generated by plot.py at 2019-01-21 07:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 896.35 Mbit/s
95th percentile per-packet one-way delay: 11.552 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 896.35 Mbit/s
95th percentile per-packet one-way delay: 11.552 ms
Loss rate: 2.88%
```

Run 4: Report of FillP — Data Link

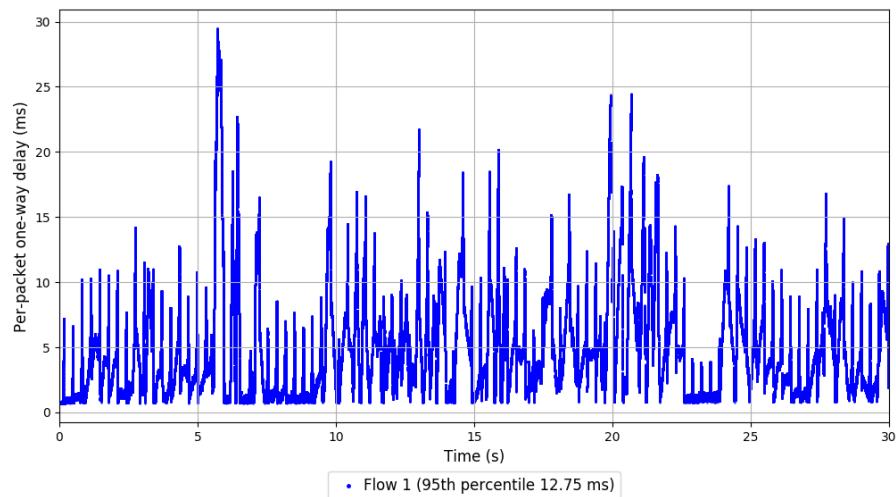
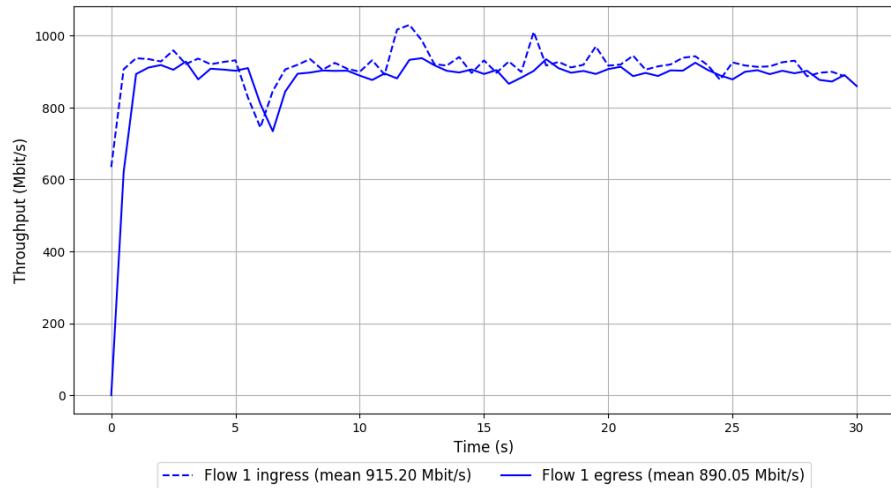


Run 5: Statistics of FillP

```
Start at: 2019-01-21 07:10:48
End at: 2019-01-21 07:11:18
Local clock offset: 2.546 ms
Remote clock offset: -1.153 ms

# Below is generated by plot.py at 2019-01-21 07:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 890.05 Mbit/s
95th percentile per-packet one-way delay: 12.747 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 890.05 Mbit/s
95th percentile per-packet one-way delay: 12.747 ms
Loss rate: 2.75%
```

Run 5: Report of FillP — Data Link

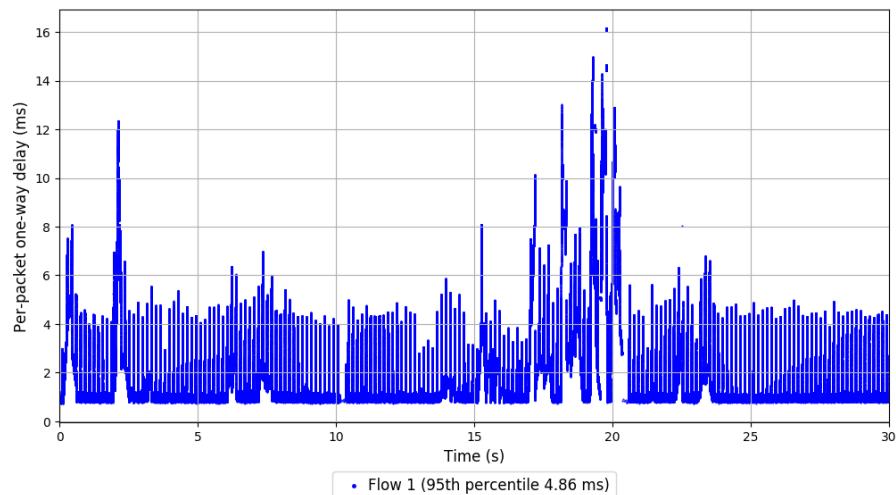
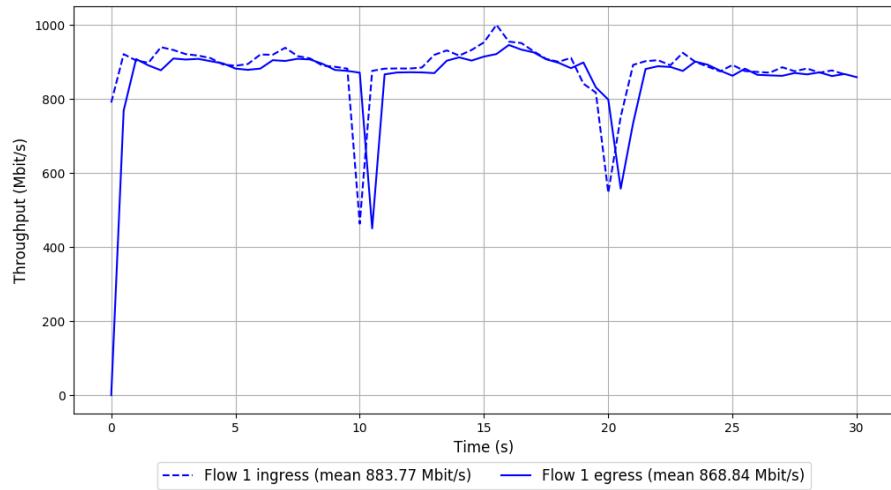


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-01-21 04:57:05
End at: 2019-01-21 04:57:35
Local clock offset: 4.056 ms
Remote clock offset: -4.251 ms

# Below is generated by plot.py at 2019-01-21 07:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 868.84 Mbit/s
95th percentile per-packet one-way delay: 4.857 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 868.84 Mbit/s
95th percentile per-packet one-way delay: 4.857 ms
Loss rate: 1.69%
```

Run 1: Report of FillP-Sheep — Data Link

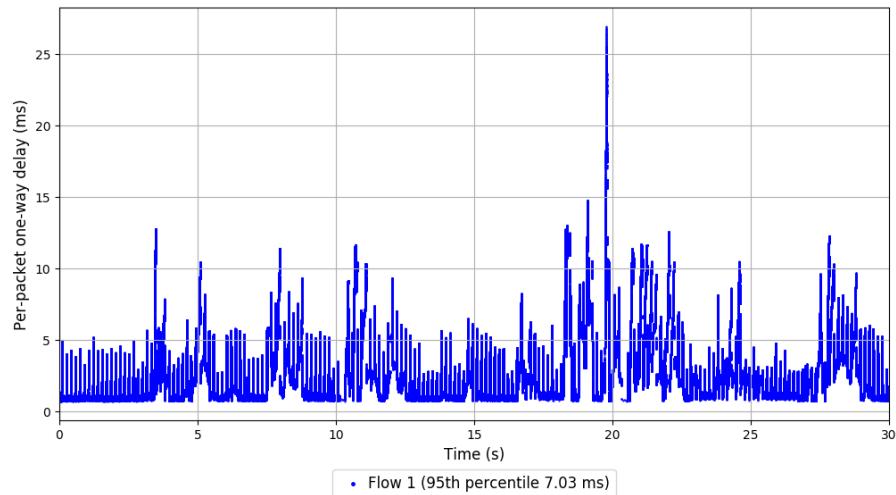
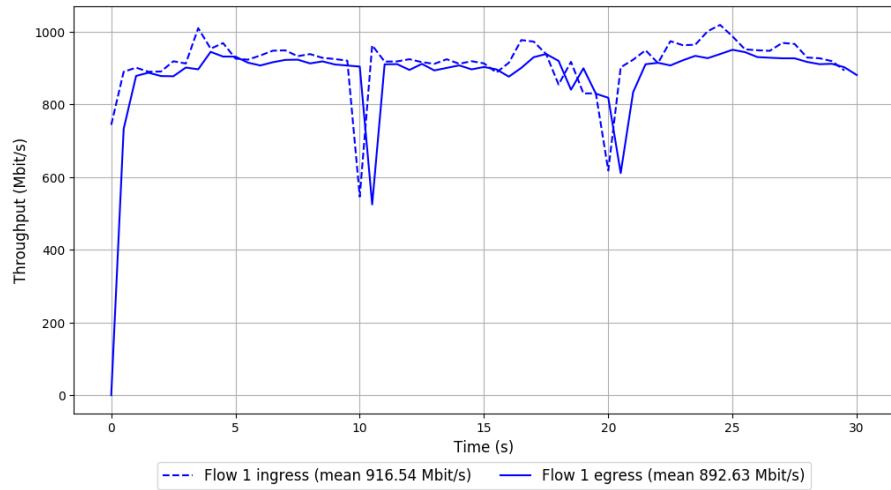


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-01-21 05:26:06
End at: 2019-01-21 05:26:36
Local clock offset: 3.782 ms
Remote clock offset: -5.867 ms

# Below is generated by plot.py at 2019-01-21 07:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 892.63 Mbit/s
95th percentile per-packet one-way delay: 7.032 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 892.63 Mbit/s
95th percentile per-packet one-way delay: 7.032 ms
Loss rate: 2.61%
```

Run 2: Report of FillP-Sheep — Data Link

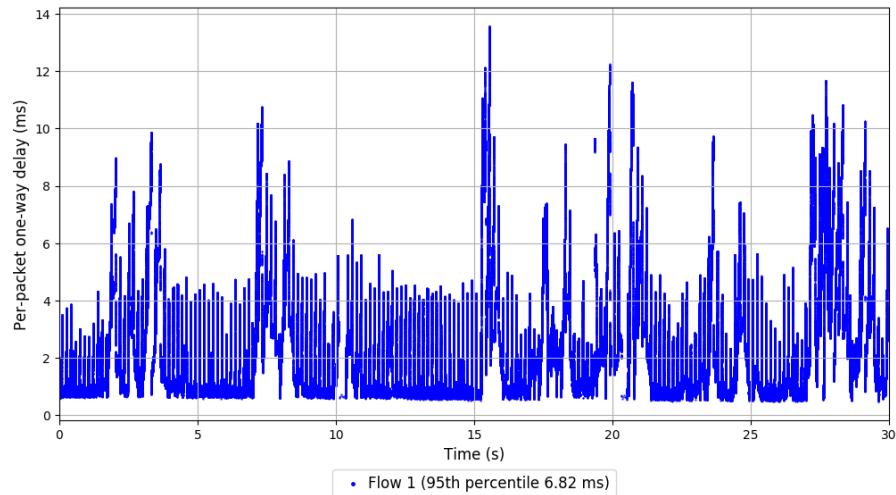
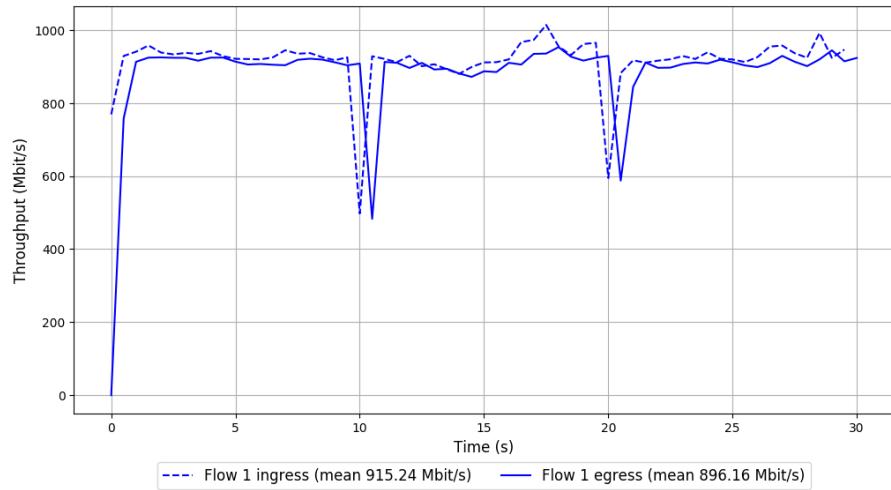


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-01-21 05:54:57
End at: 2019-01-21 05:55:27
Local clock offset: 3.257 ms
Remote clock offset: 3.885 ms

# Below is generated by plot.py at 2019-01-21 07:50:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 896.16 Mbit/s
95th percentile per-packet one-way delay: 6.819 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 896.16 Mbit/s
95th percentile per-packet one-way delay: 6.819 ms
Loss rate: 2.08%
```

Run 3: Report of FillP-Sheep — Data Link

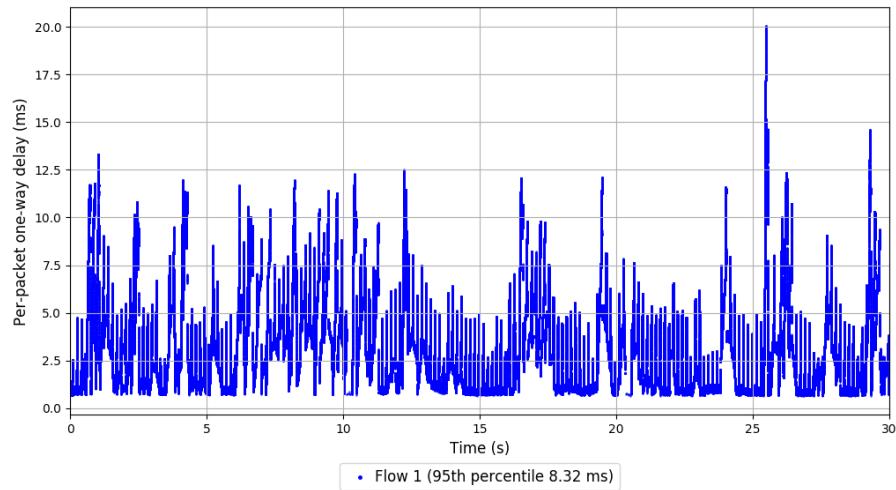
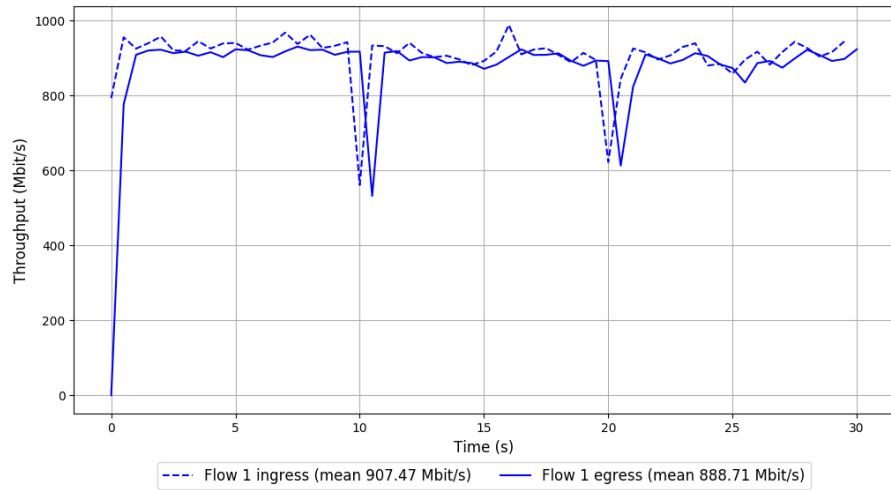


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-01-21 06:23:45
End at: 2019-01-21 06:24:15
Local clock offset: 2.935 ms
Remote clock offset: 8.613 ms

# Below is generated by plot.py at 2019-01-21 07:54:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 888.71 Mbit/s
95th percentile per-packet one-way delay: 8.324 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 888.71 Mbit/s
95th percentile per-packet one-way delay: 8.324 ms
Loss rate: 2.07%
```

Run 4: Report of FillP-Sheep — Data Link

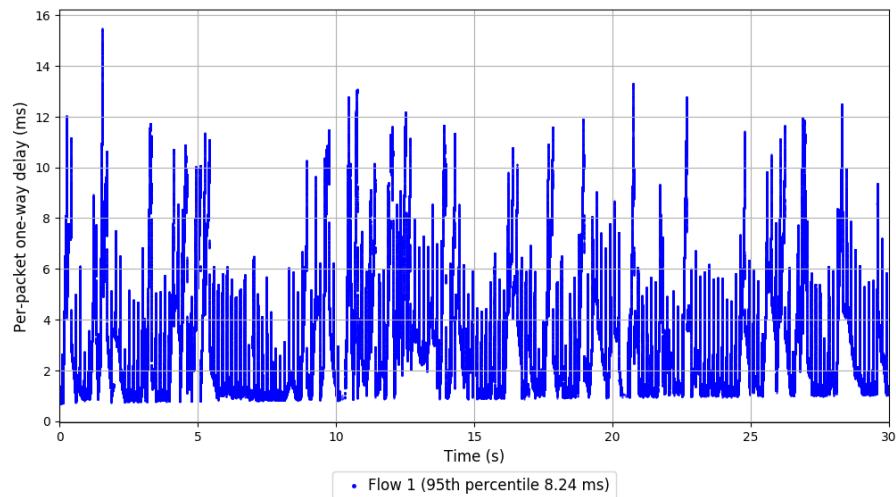
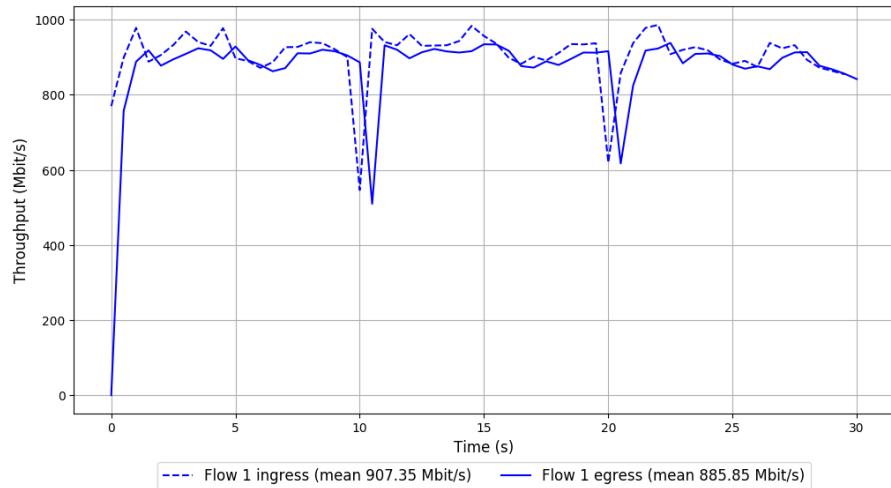


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-01-21 06:52:48
End at: 2019-01-21 06:53:18
Local clock offset: 3.008 ms
Remote clock offset: 4.612 ms

# Below is generated by plot.py at 2019-01-21 07:54:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 885.85 Mbit/s
95th percentile per-packet one-way delay: 8.236 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 885.85 Mbit/s
95th percentile per-packet one-way delay: 8.236 ms
Loss rate: 2.37%
```

Run 5: Report of FillP-Sheep — Data Link

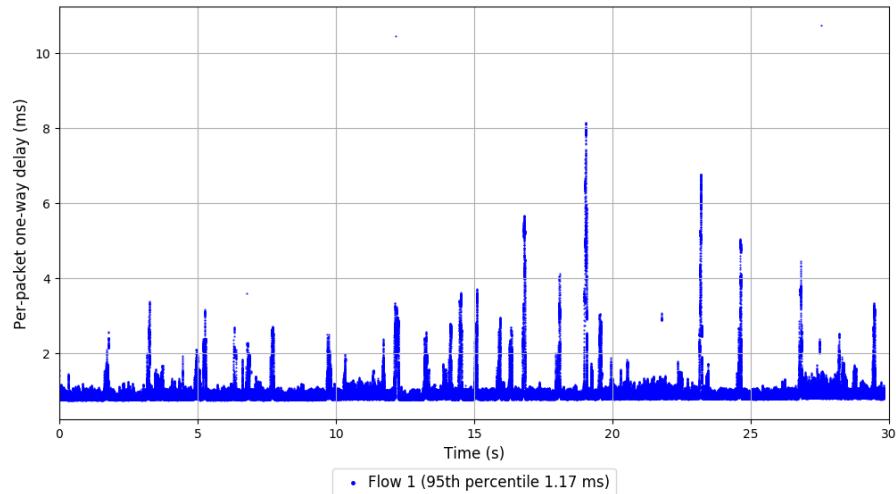
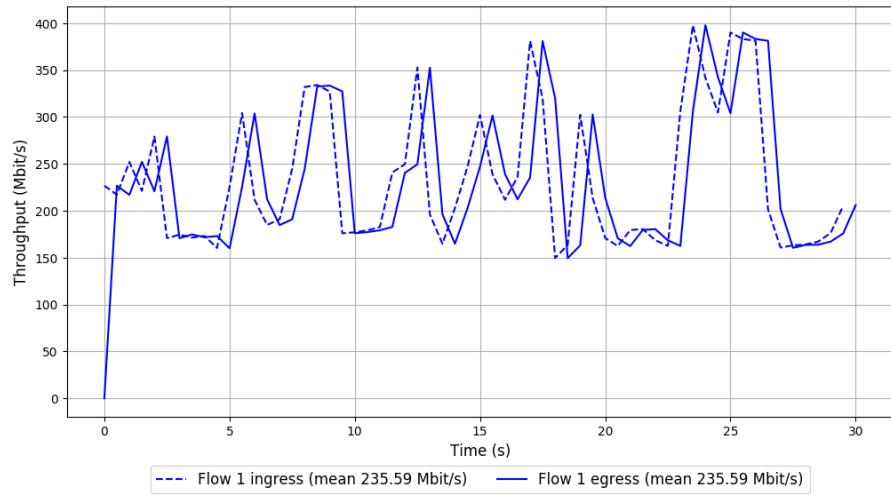


Run 1: Statistics of Indigo

```
Start at: 2019-01-21 05:13:53
End at: 2019-01-21 05:14:23
Local clock offset: 4.04 ms
Remote clock offset: -5.231 ms

# Below is generated by plot.py at 2019-01-21 07:54:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 235.59 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 235.59 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

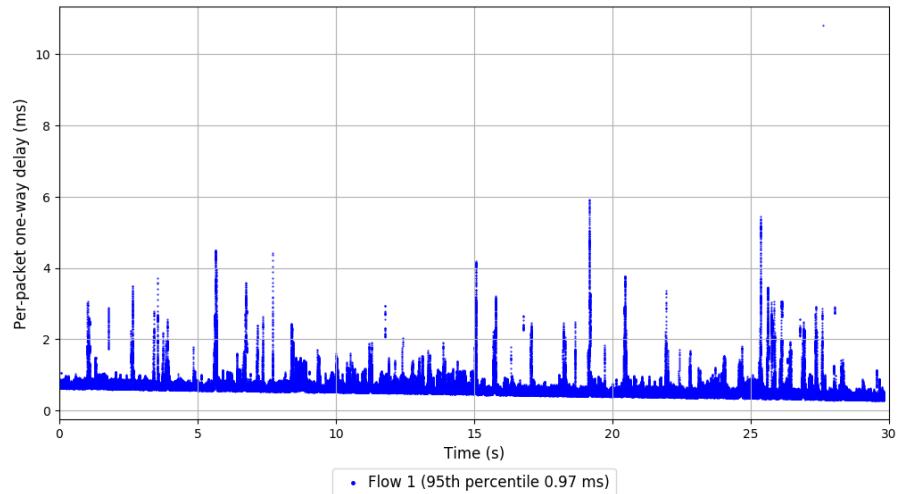
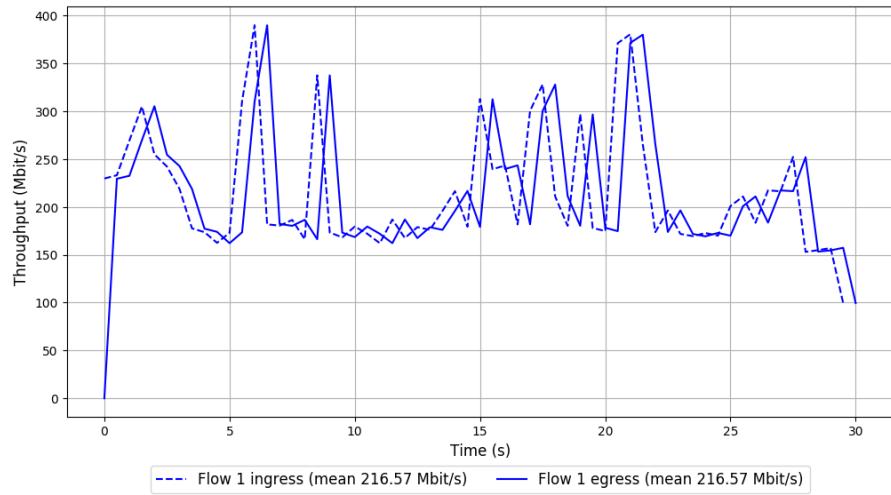


Run 2: Statistics of Indigo

```
Start at: 2019-01-21 05:42:45
End at: 2019-01-21 05:43:15
Local clock offset: 3.788 ms
Remote clock offset: -1.543 ms

# Below is generated by plot.py at 2019-01-21 07:54:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 216.57 Mbit/s
95th percentile per-packet one-way delay: 0.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 216.57 Mbit/s
95th percentile per-packet one-way delay: 0.968 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

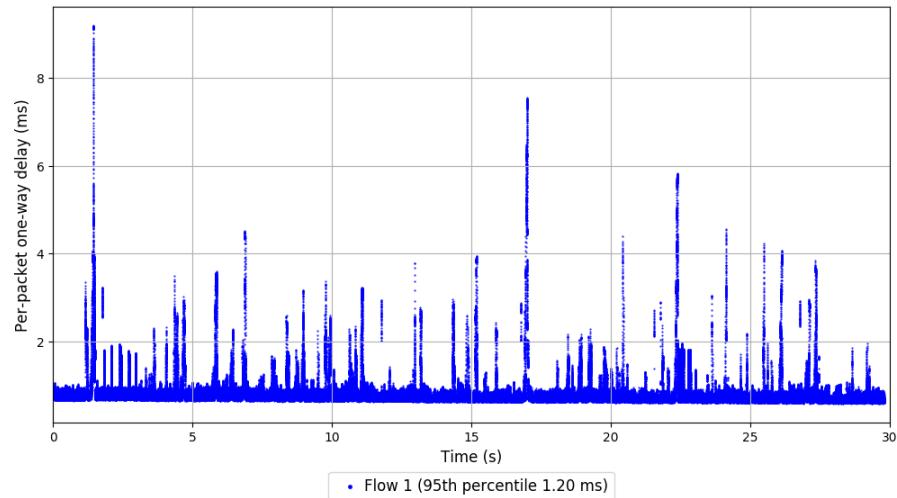
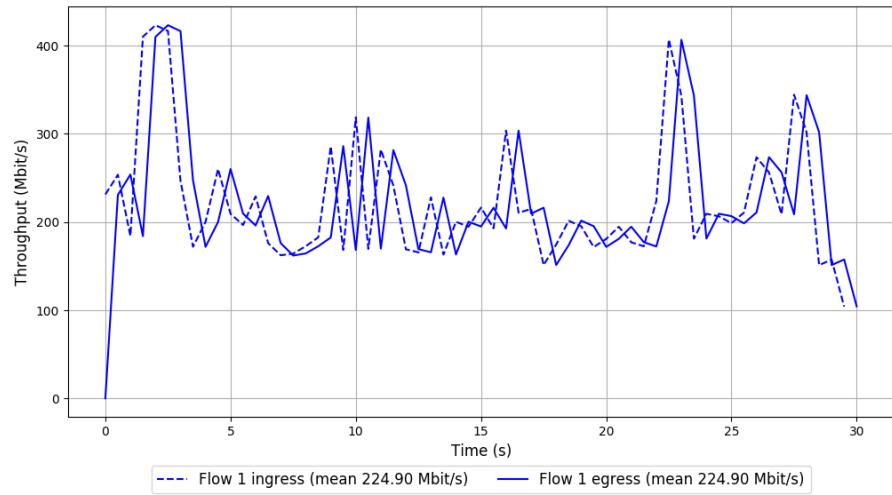


Run 3: Statistics of Indigo

```
Start at: 2019-01-21 06:11:37
End at: 2019-01-21 06:12:07
Local clock offset: 2.767 ms
Remote clock offset: 6.995 ms

# Below is generated by plot.py at 2019-01-21 07:54:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.90 Mbit/s
95th percentile per-packet one-way delay: 1.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.90 Mbit/s
95th percentile per-packet one-way delay: 1.201 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

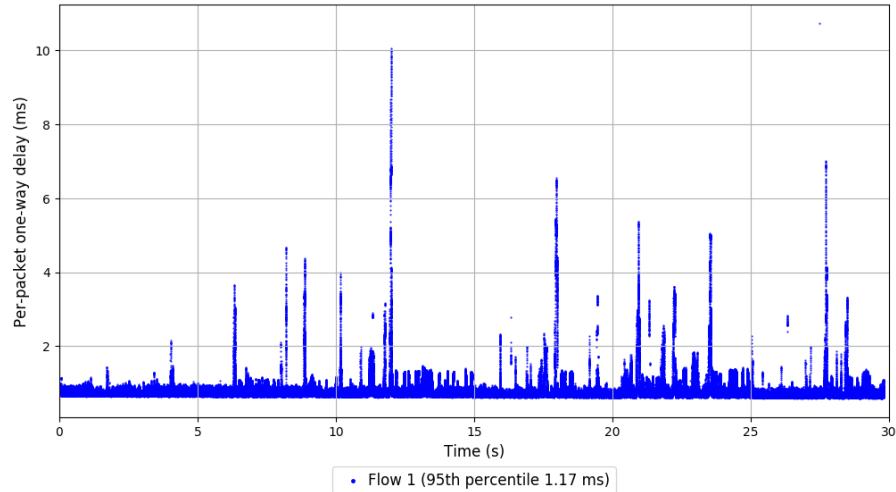
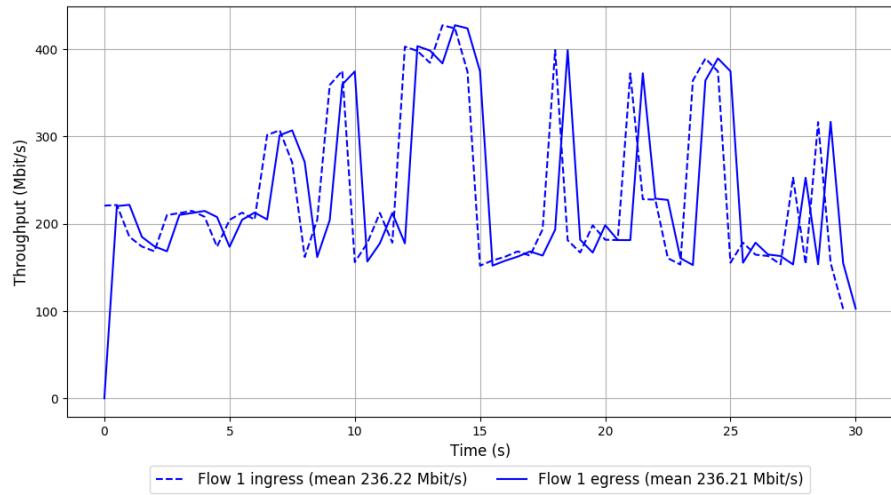


Run 4: Statistics of Indigo

```
Start at: 2019-01-21 06:40:39
End at: 2019-01-21 06:41:09
Local clock offset: 3.242 ms
Remote clock offset: 10.645 ms

# Below is generated by plot.py at 2019-01-21 07:54:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 236.21 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 236.21 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

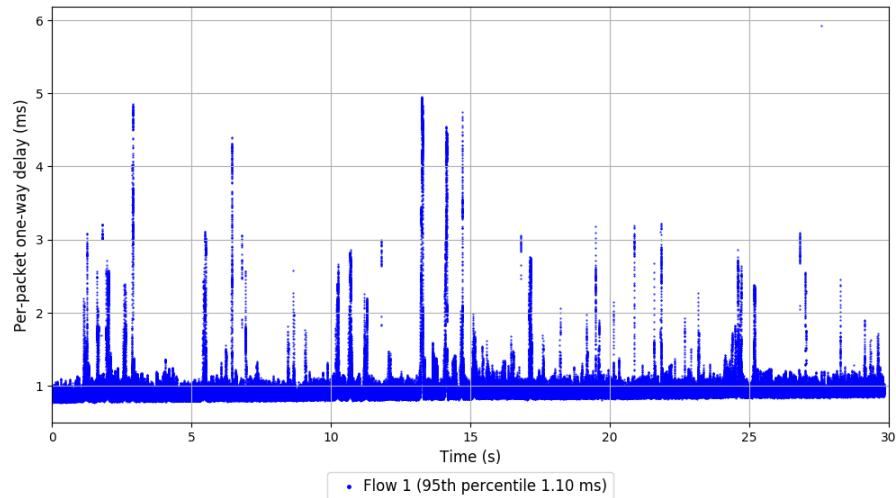
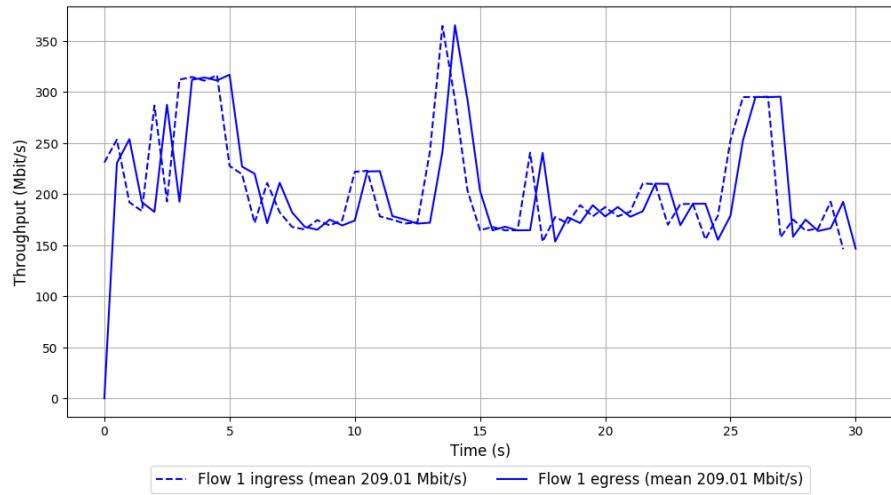


Run 5: Statistics of Indigo

```
Start at: 2019-01-21 07:09:27
End at: 2019-01-21 07:09:57
Local clock offset: 2.566 ms
Remote clock offset: -0.867 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 209.01 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.01 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

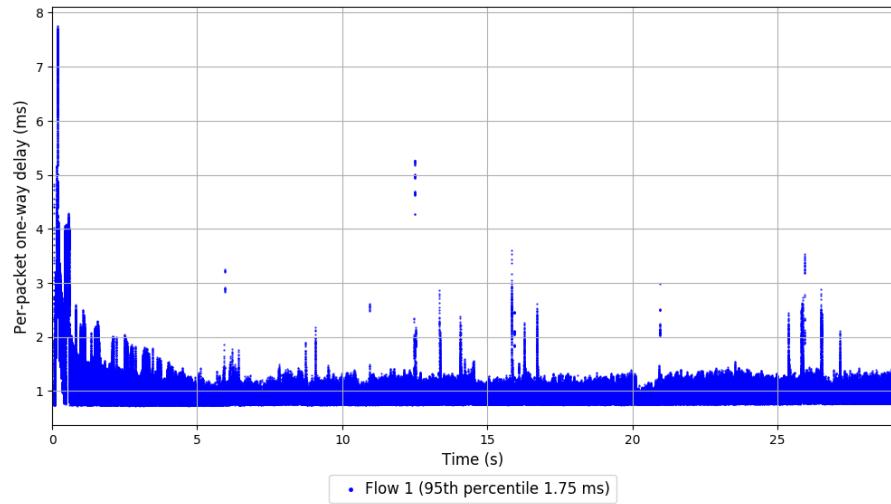
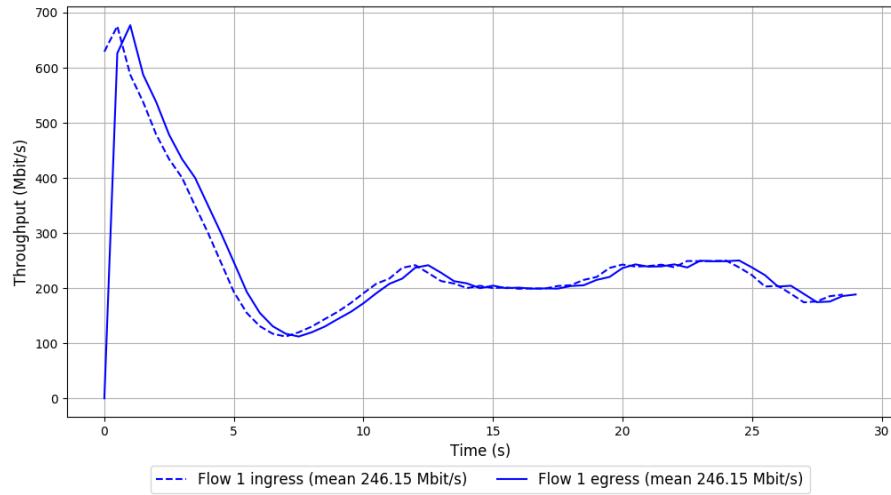


```
Run 1: Statistics of Indigo-MusesC3
```

```
Start at: 2019-01-21 05:12:33
End at: 2019-01-21 05:13:03
Local clock offset: 4.012 ms
Remote clock offset: -5.211 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 246.15 Mbit/s
95th percentile per-packet one-way delay: 1.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 246.15 Mbit/s
95th percentile per-packet one-way delay: 1.751 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC3 — Data Link

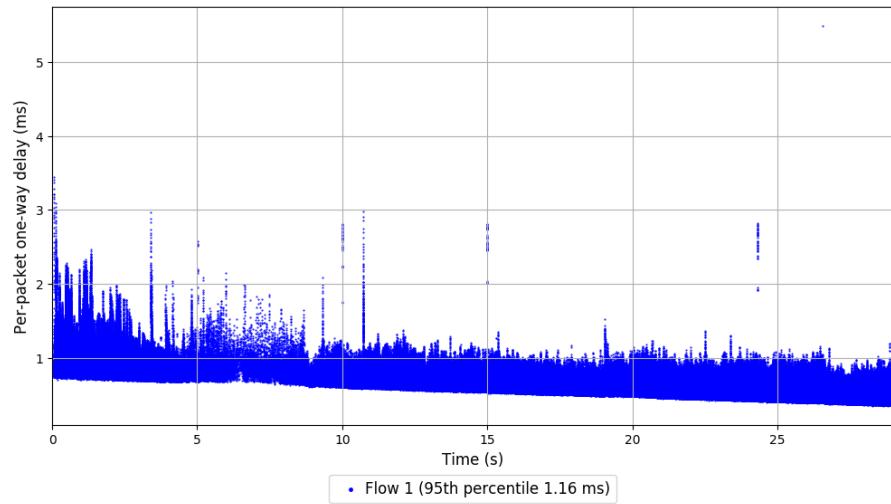
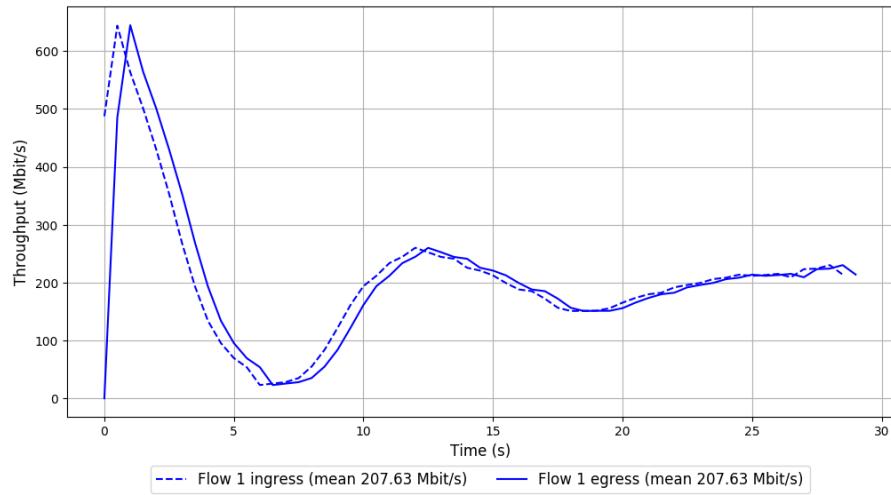


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 05:41:26
End at: 2019-01-21 05:41:56
Local clock offset: 3.758 ms
Remote clock offset: -2.449 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 207.63 Mbit/s
95th percentile per-packet one-way delay: 1.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.63 Mbit/s
95th percentile per-packet one-way delay: 1.158 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC3 — Data Link

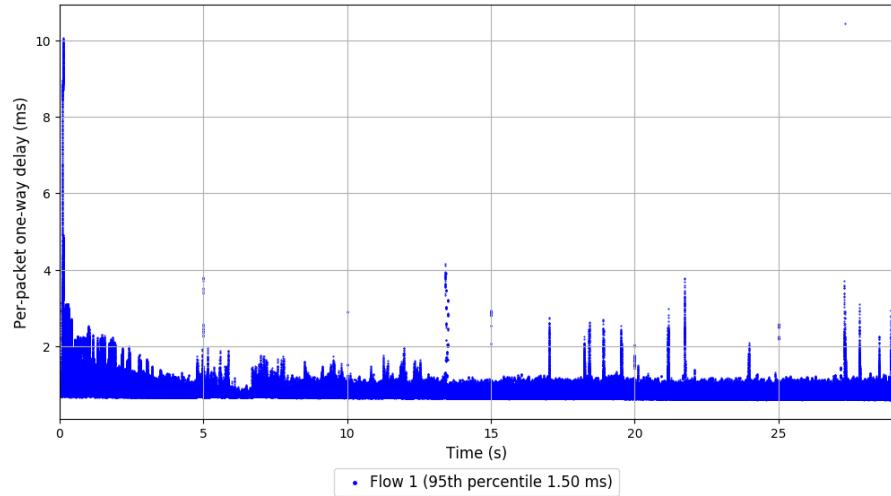
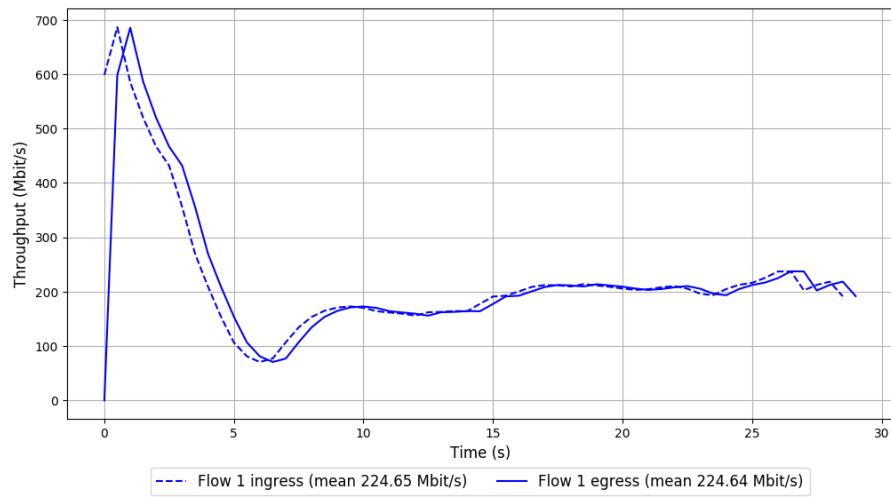


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 06:10:17
End at: 2019-01-21 06:10:47
Local clock offset: 2.771 ms
Remote clock offset: 6.795 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.64 Mbit/s
95th percentile per-packet one-way delay: 1.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.64 Mbit/s
95th percentile per-packet one-way delay: 1.502 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesC3 — Data Link

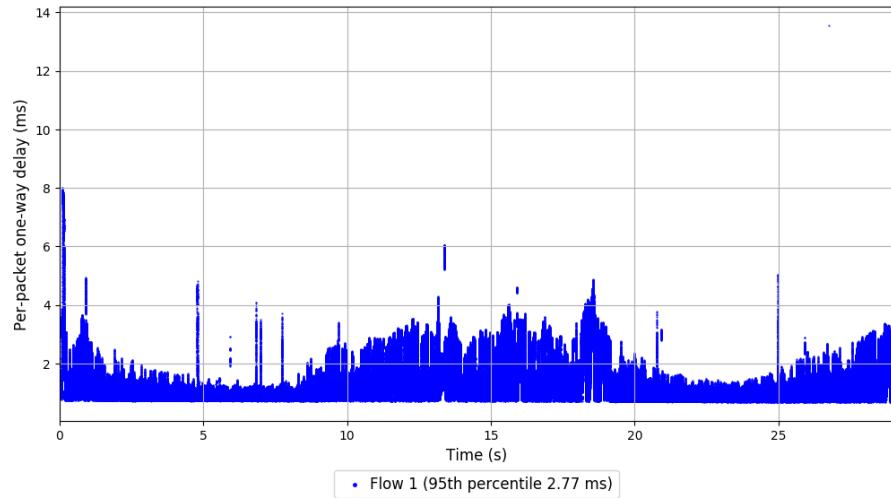
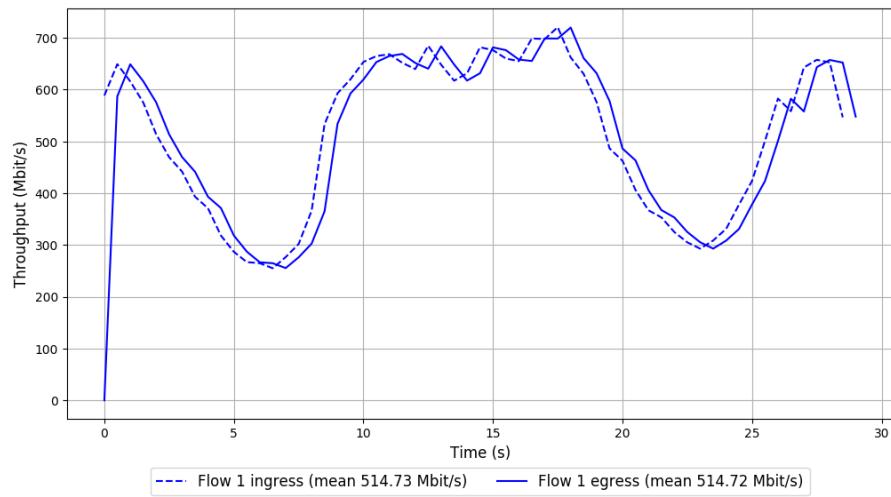


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 06:39:10
End at: 2019-01-21 06:39:40
Local clock offset: 3.228 ms
Remote clock offset: 10.56 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.72 Mbit/s
95th percentile per-packet one-way delay: 2.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 514.72 Mbit/s
95th percentile per-packet one-way delay: 2.773 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC3 — Data Link

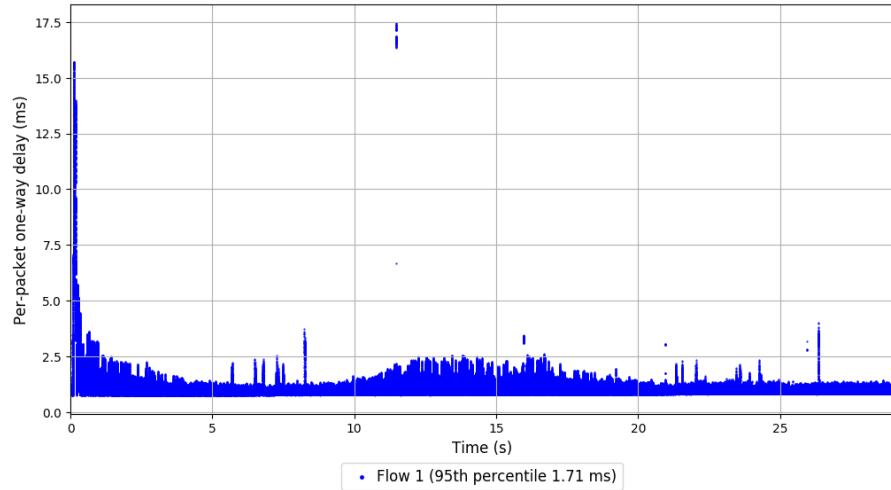
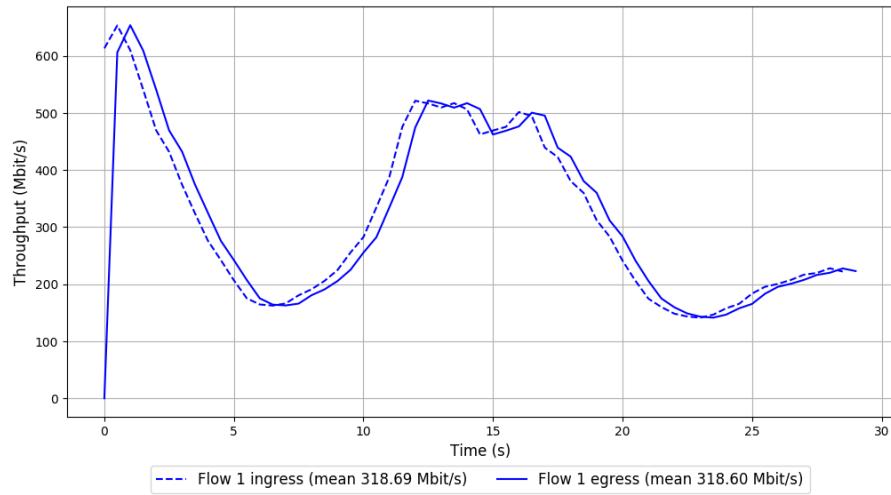


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 07:08:04
End at: 2019-01-21 07:08:34
Local clock offset: 2.581 ms
Remote clock offset: -0.684 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 318.60 Mbit/s
95th percentile per-packet one-way delay: 1.714 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 318.60 Mbit/s
95th percentile per-packet one-way delay: 1.714 ms
Loss rate: 0.03%
```

Run 5: Report of Indigo-MusesC3 — Data Link

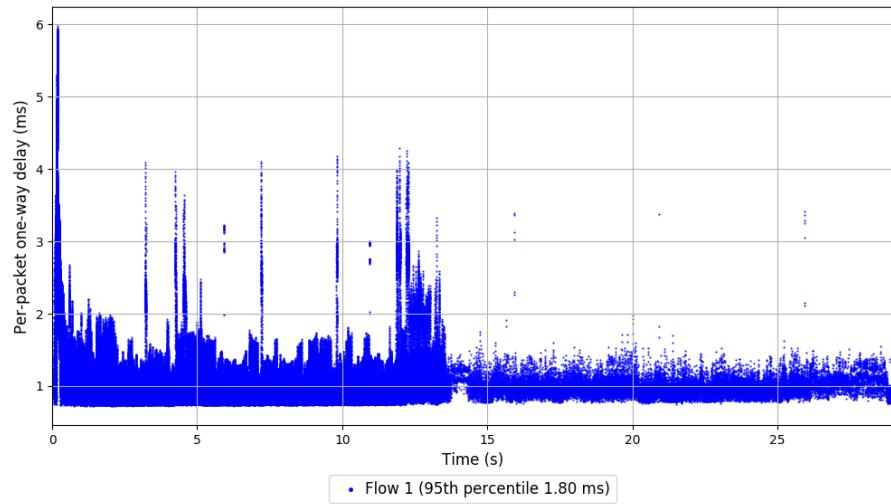
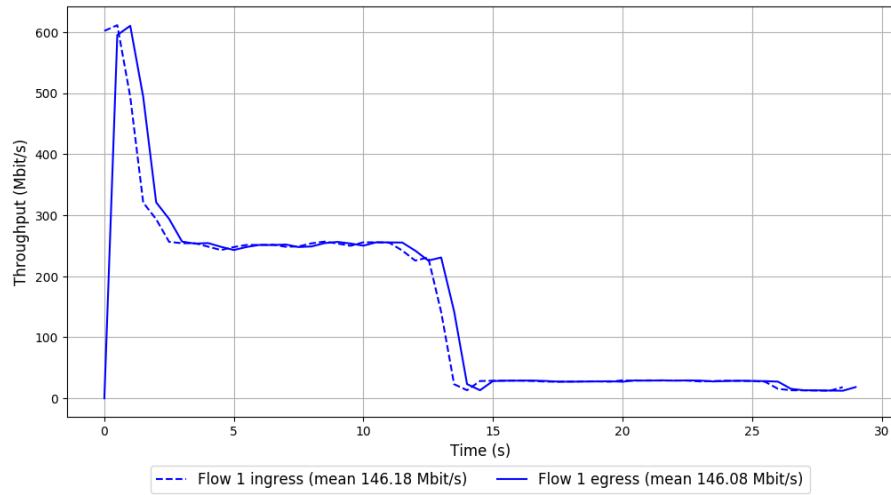


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 05:05:54
End at: 2019-01-21 05:06:24
Local clock offset: 3.91 ms
Remote clock offset: -4.848 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.08 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 146.08 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.07%
```

Run 1: Report of Indigo-MusesC5 — Data Link

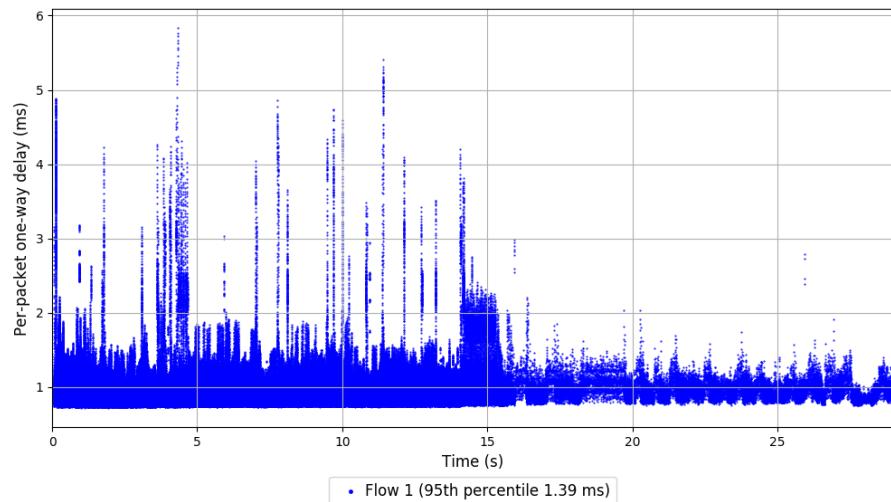
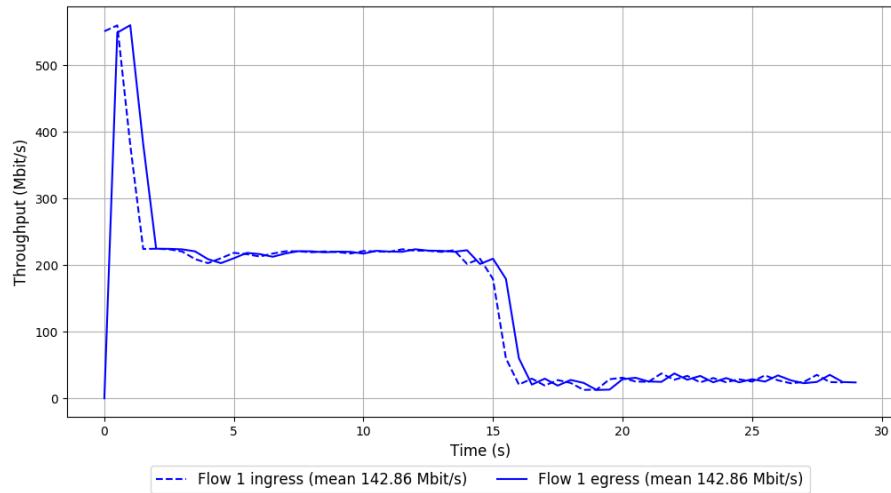


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 05:34:55
End at: 2019-01-21 05:35:25
Local clock offset: 3.696 ms
Remote clock offset: -6.309 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 142.86 Mbit/s
95th percentile per-packet one-way delay: 1.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 142.86 Mbit/s
95th percentile per-packet one-way delay: 1.388 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC5 — Data Link

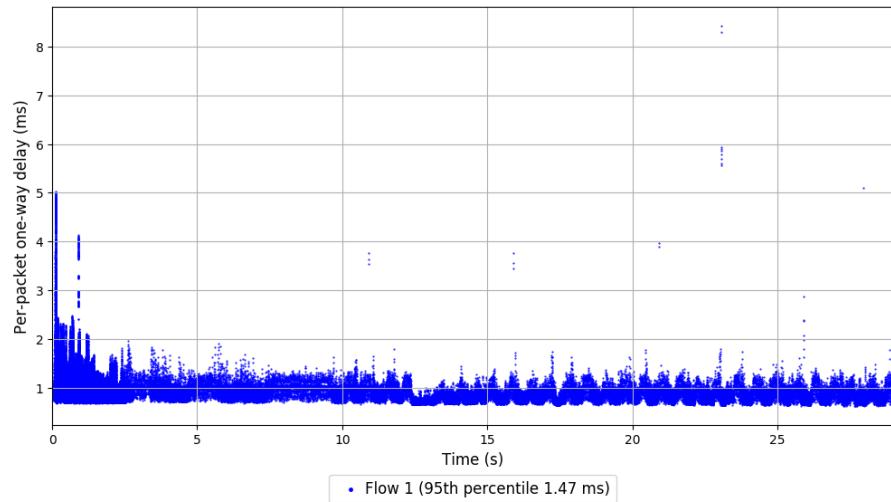
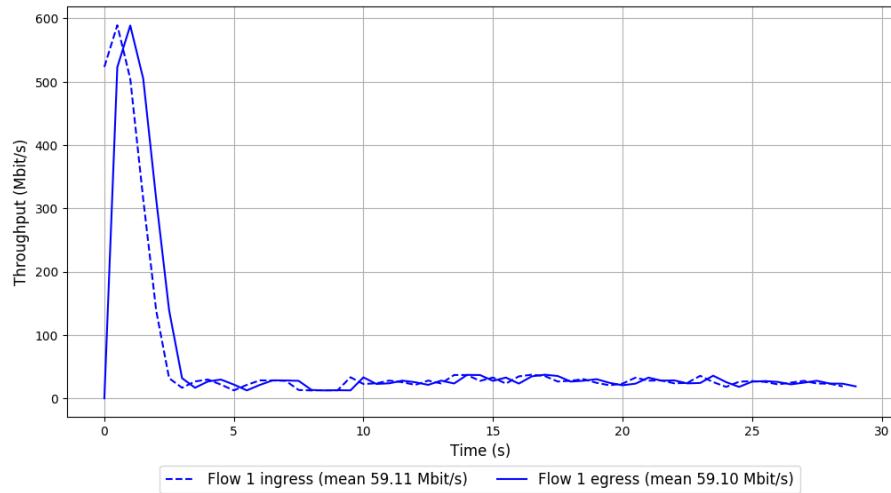


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 06:03:40
End at: 2019-01-21 06:04:10
Local clock offset: 2.873 ms
Remote clock offset: 5.795 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 1.473 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 1.473 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo-MusesC5 — Data Link

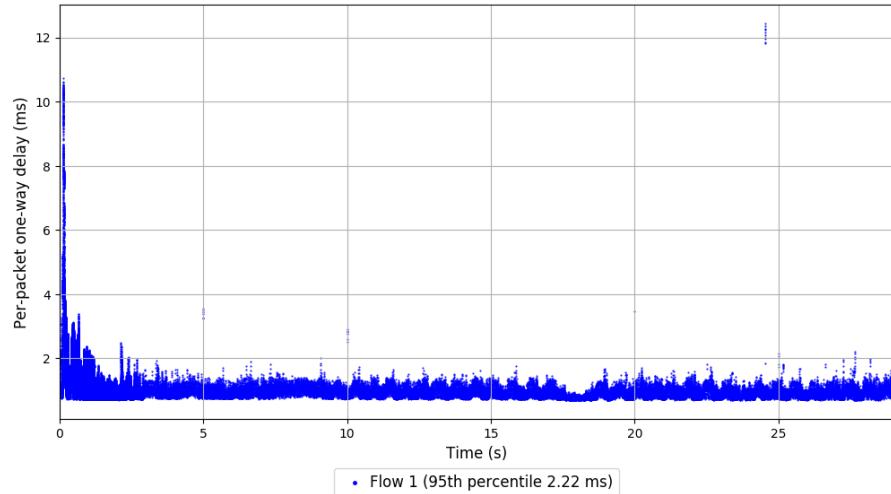
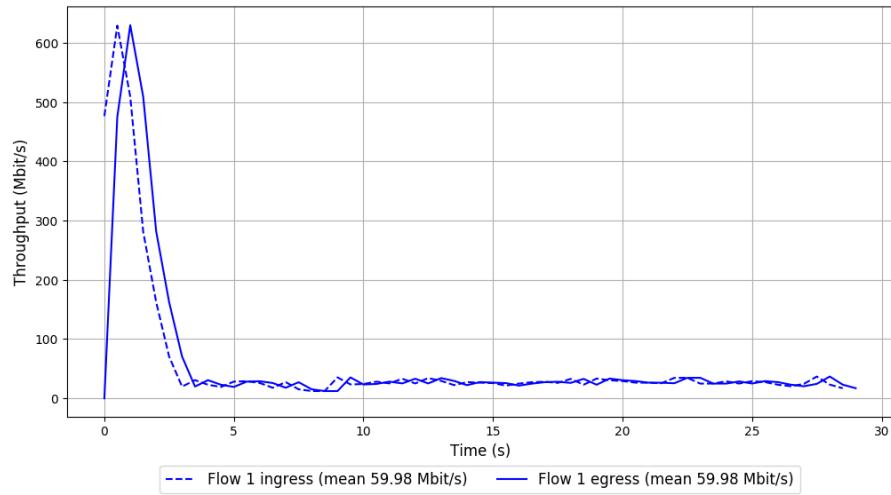


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 06:32:35
End at: 2019-01-21 06:33:05
Local clock offset: 3.154 ms
Remote clock offset: 9.762 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC5 — Data Link

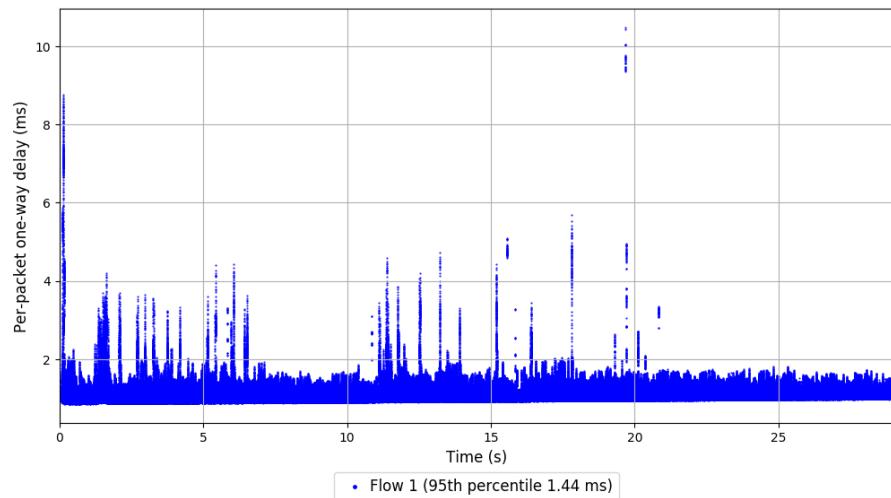
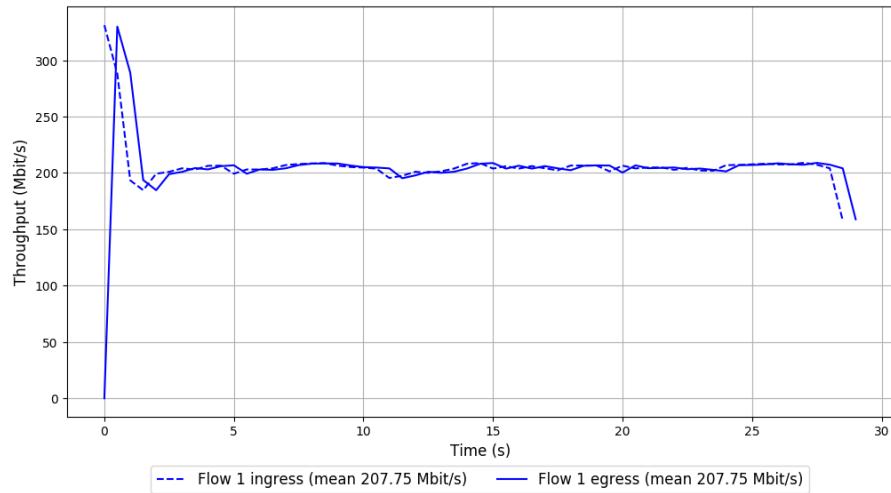


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 07:01:37
End at: 2019-01-21 07:02:07
Local clock offset: 2.696 ms
Remote clock offset: 0.876 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 207.75 Mbit/s
95th percentile per-packet one-way delay: 1.435 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.75 Mbit/s
95th percentile per-packet one-way delay: 1.435 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC5 — Data Link

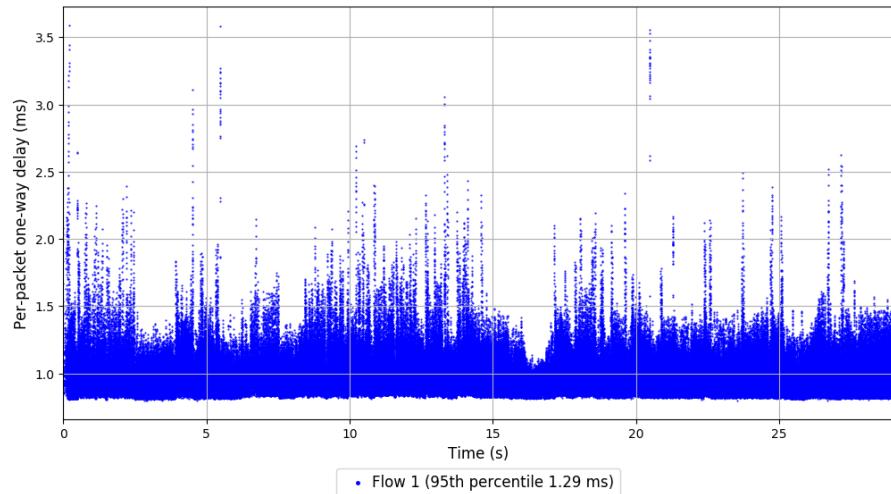
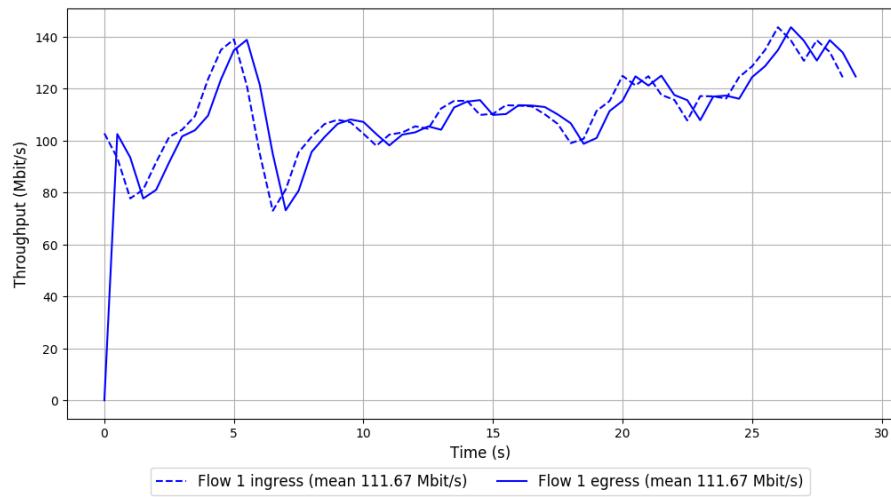


```
Run 1: Statistics of Indigo-MusesD
```

```
Start at: 2019-01-21 05:18:07
End at: 2019-01-21 05:18:37
Local clock offset: 4.153 ms
Remote clock offset: -5.387 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 111.67 Mbit/s
95th percentile per-packet one-way delay: 1.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.67 Mbit/s
95th percentile per-packet one-way delay: 1.288 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link

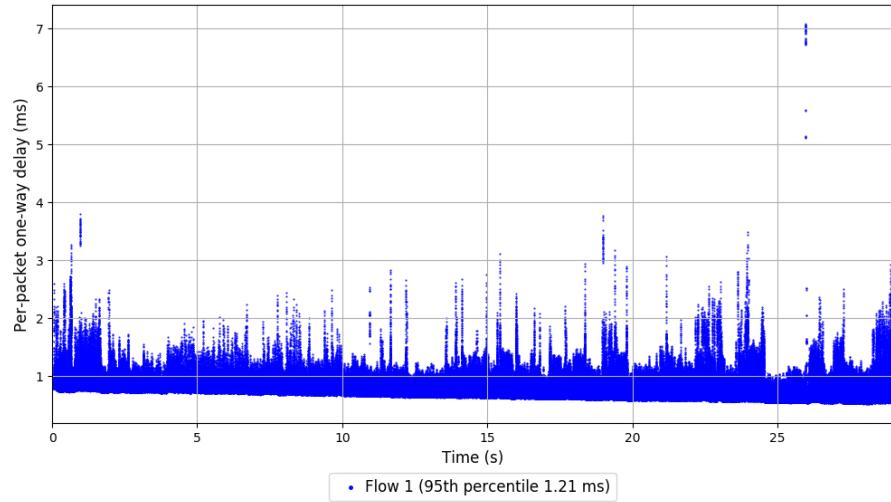
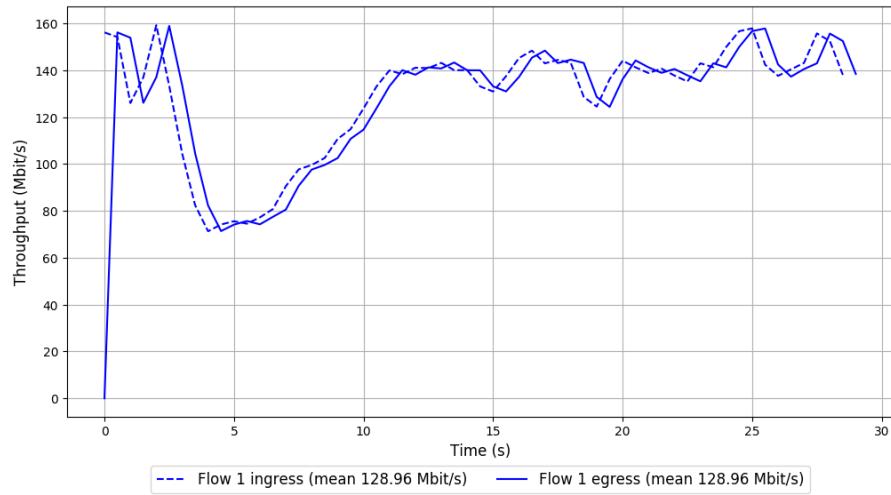


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 05:46:58
End at: 2019-01-21 05:47:28
Local clock offset: 3.838 ms
Remote clock offset: 1.082 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 128.96 Mbit/s
95th percentile per-packet one-way delay: 1.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 128.96 Mbit/s
95th percentile per-packet one-way delay: 1.206 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesD — Data Link

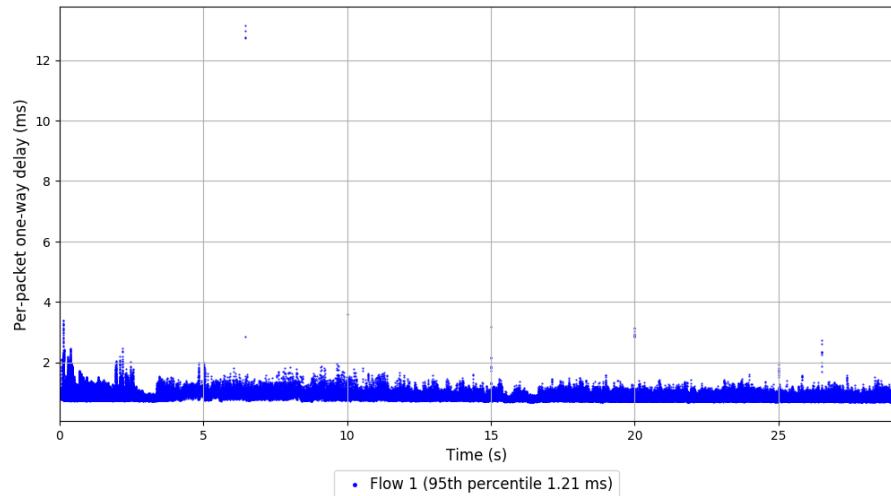
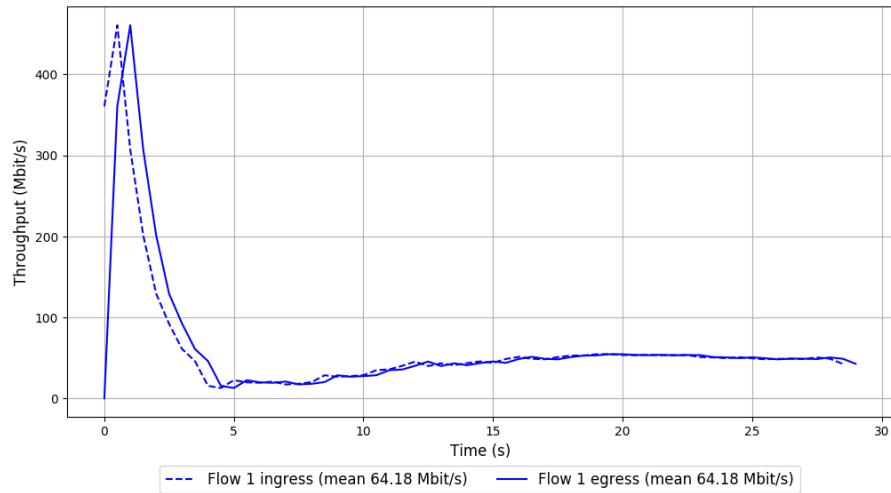


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 06:15:50
End at: 2019-01-21 06:16:20
Local clock offset: 2.756 ms
Remote clock offset: 7.659 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

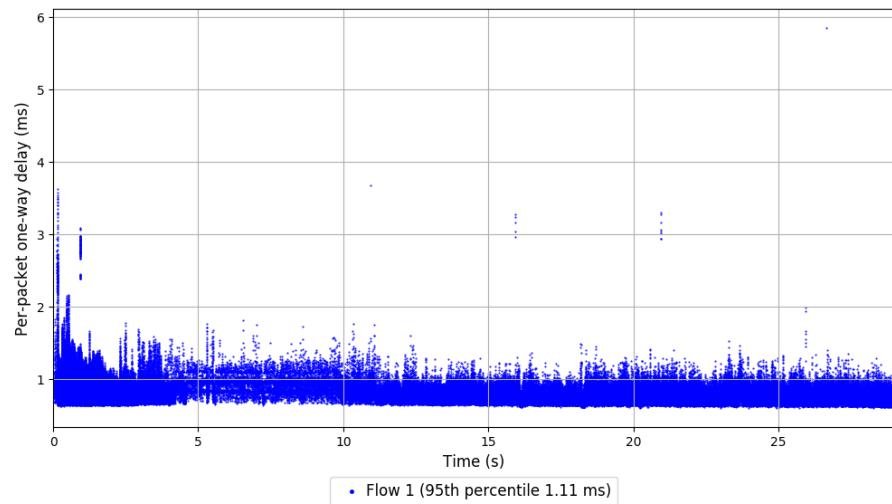
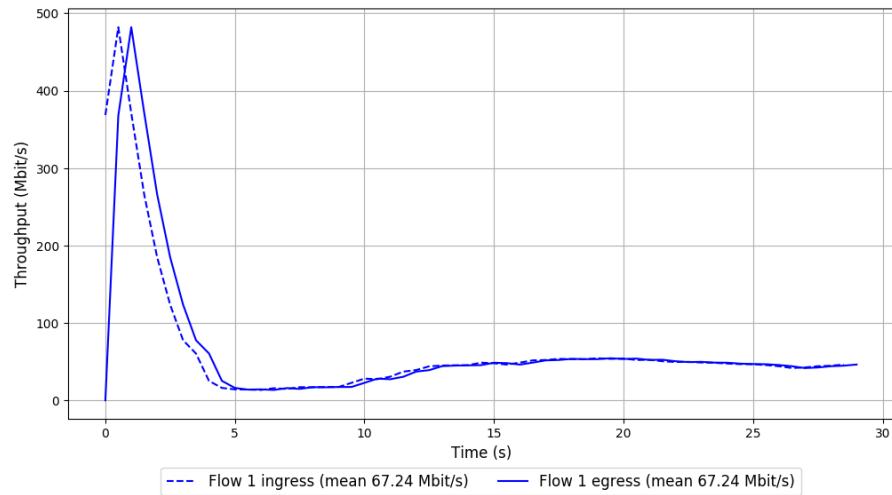


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 06:44:51
End at: 2019-01-21 06:45:21
Local clock offset: 3.271 ms
Remote clock offset: 11.187 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

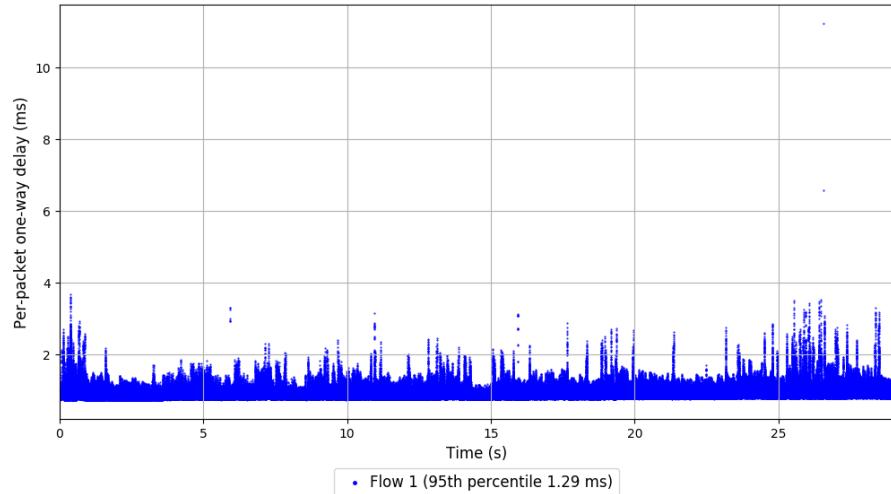
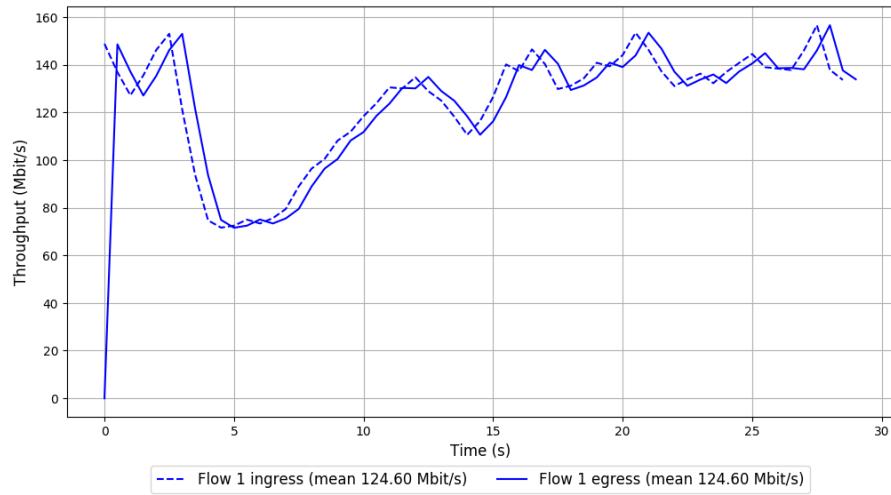


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 07:13:38
End at: 2019-01-21 07:14:08
Local clock offset: 2.517 ms
Remote clock offset: -1.528 ms

# Below is generated by plot.py at 2019-01-21 07:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 124.60 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.60 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesD — Data Link

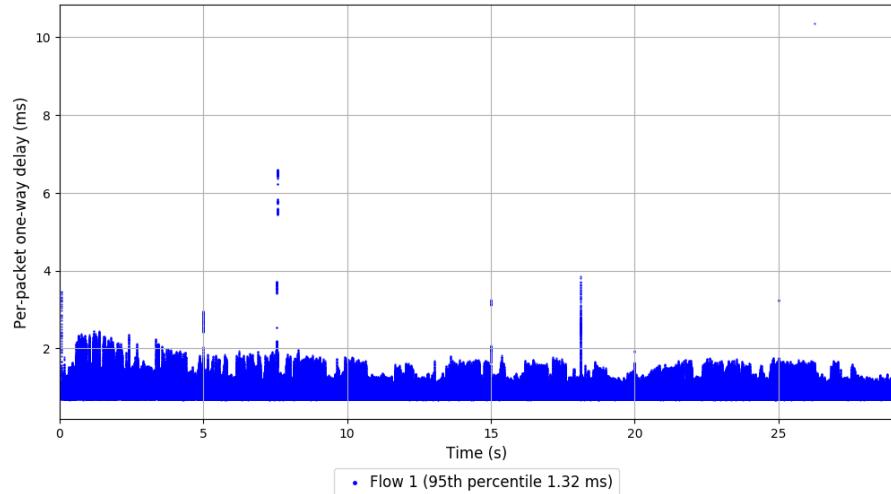
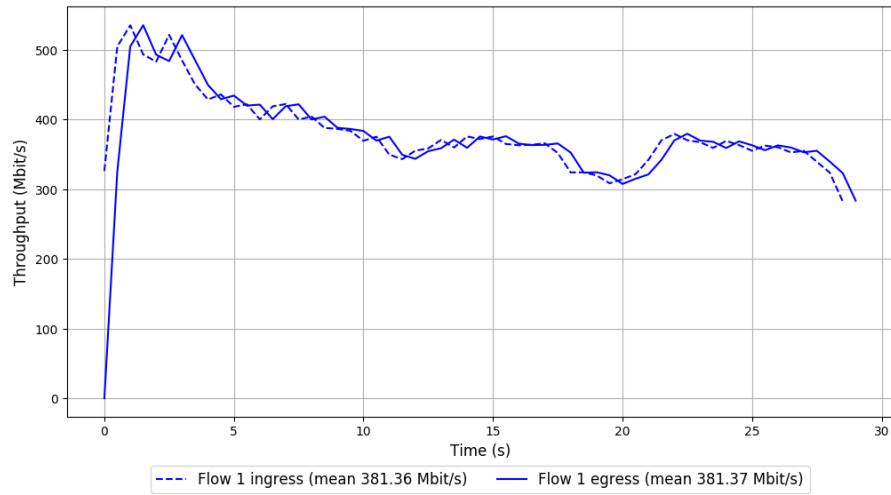


```
Run 1: Statistics of Indigo-MusesT
```

```
Start at: 2019-01-21 05:21:02
End at: 2019-01-21 05:21:32
Local clock offset: 4.002 ms
Remote clock offset: -5.609 ms

# Below is generated by plot.py at 2019-01-21 07:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 381.37 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 381.37 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesT — Data Link

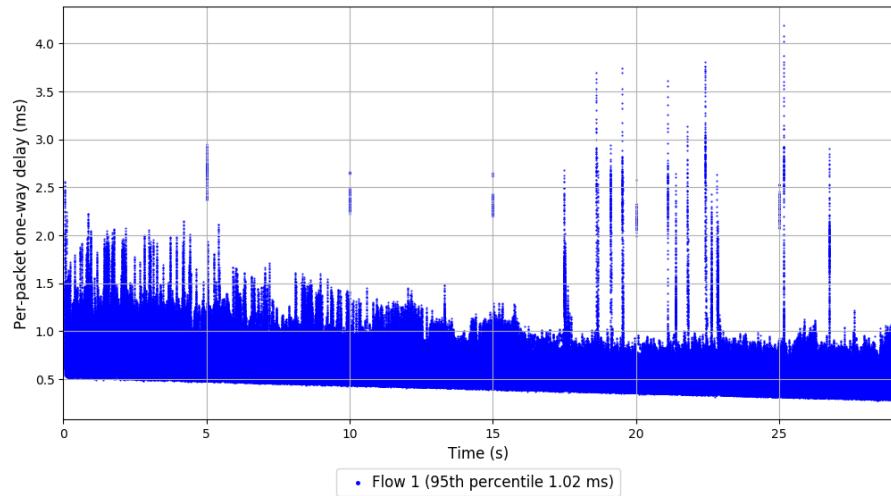
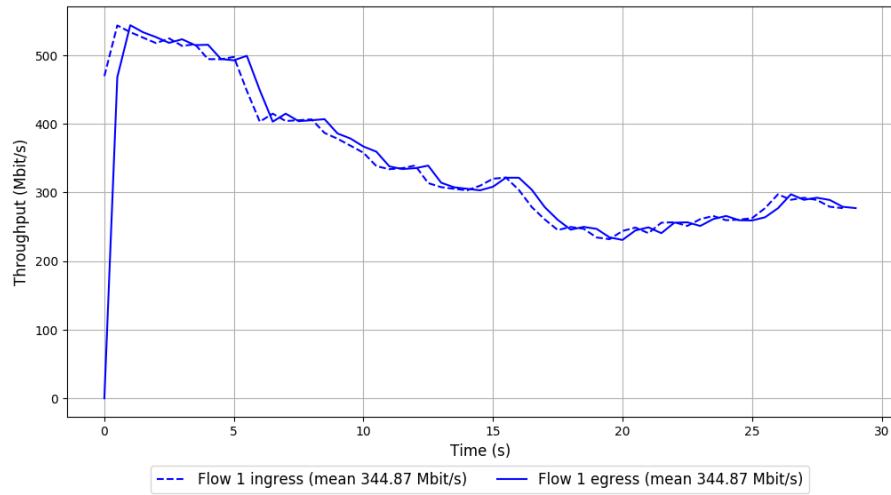


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 05:49:54
End at: 2019-01-21 05:50:24
Local clock offset: 3.733 ms
Remote clock offset: 2.226 ms

# Below is generated by plot.py at 2019-01-21 07:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 344.87 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 344.87 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesT — Data Link

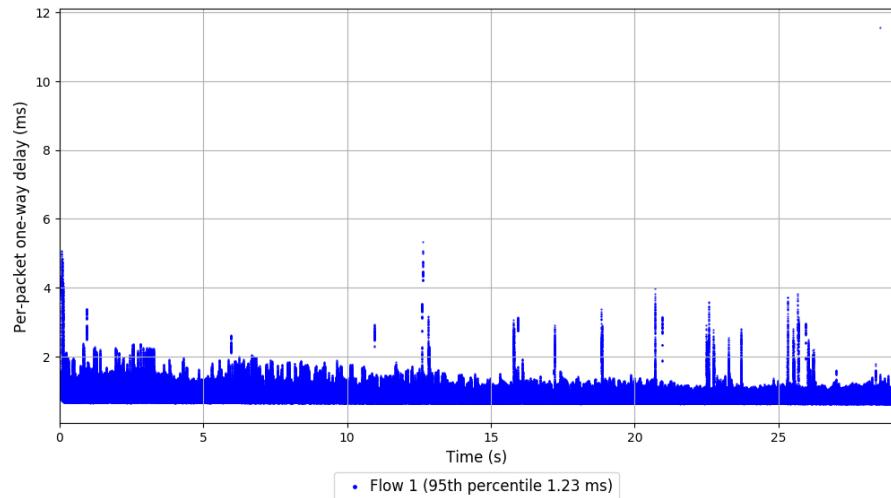
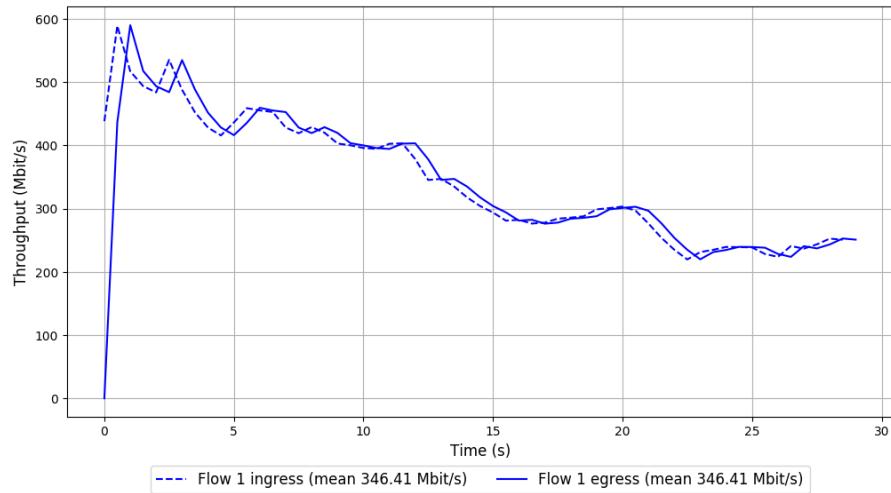


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 06:18:42
End at: 2019-01-21 06:19:12
Local clock offset: 2.728 ms
Remote clock offset: 7.938 ms

# Below is generated by plot.py at 2019-01-21 07:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 346.41 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 346.41 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesT — Data Link

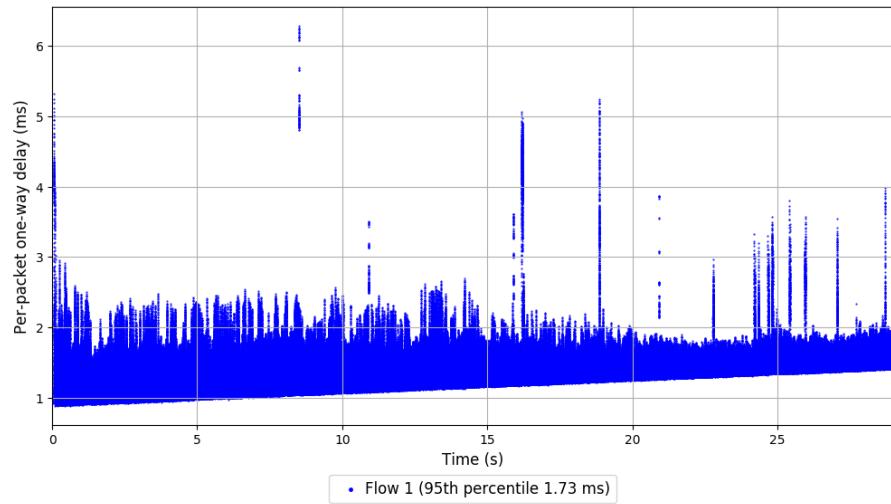
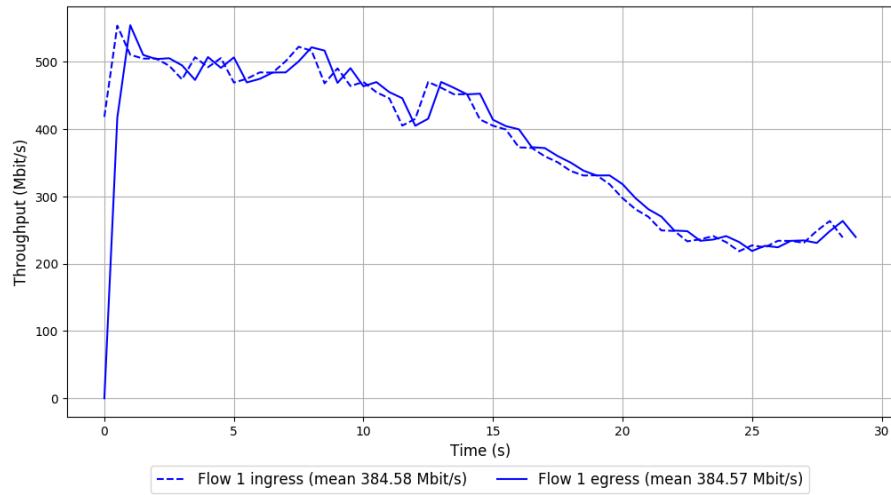


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 06:47:44
End at: 2019-01-21 06:48:14
Local clock offset: 3.282 ms
Remote clock offset: 9.066 ms

# Below is generated by plot.py at 2019-01-21 07:56:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 384.57 Mbit/s
95th percentile per-packet one-way delay: 1.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 384.57 Mbit/s
95th percentile per-packet one-way delay: 1.731 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesT — Data Link

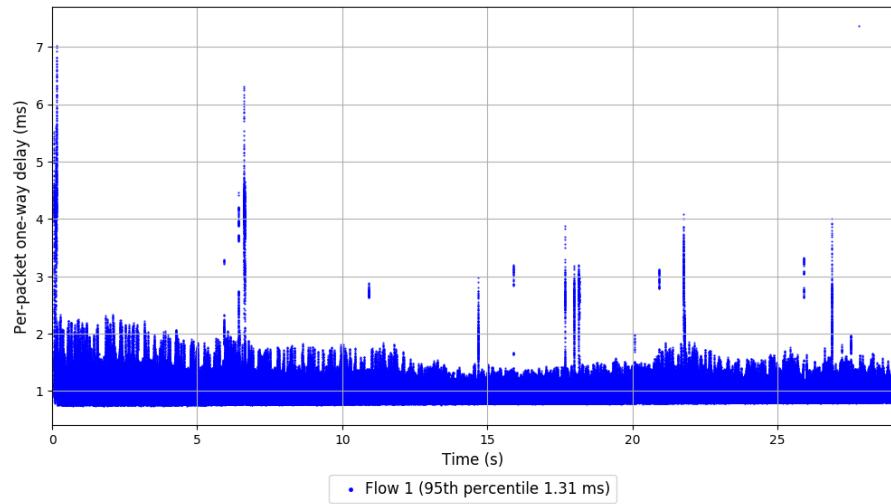
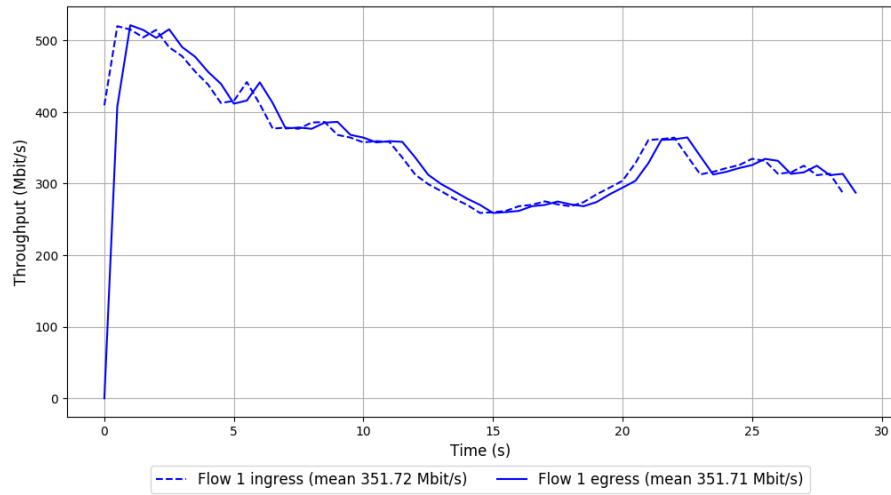


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 07:16:33
End at: 2019-01-21 07:17:03
Local clock offset: 2.478 ms
Remote clock offset: -1.889 ms

# Below is generated by plot.py at 2019-01-21 07:56:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 351.71 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 351.71 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesT — Data Link

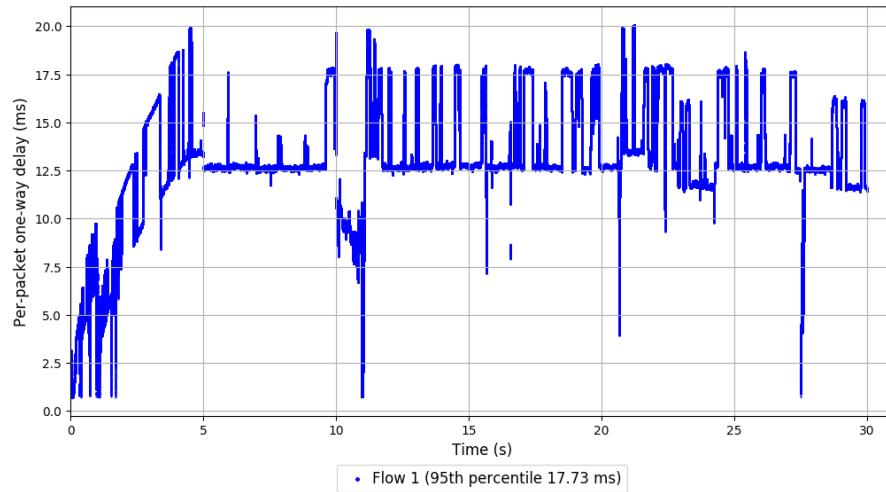
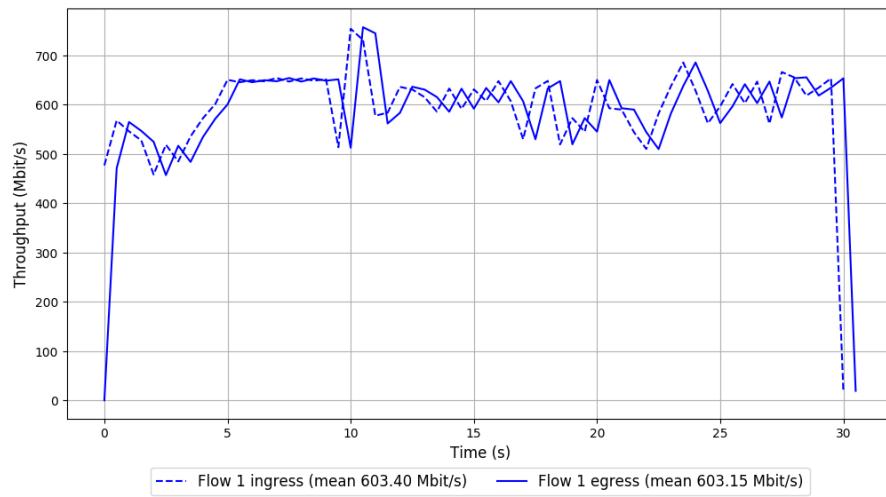


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2019-01-21 05:19:23
End at: 2019-01-21 05:19:53
Local clock offset: 4.115 ms
Remote clock offset: -5.5 ms

# Below is generated by plot.py at 2019-01-21 07:59:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 603.15 Mbit/s
95th percentile per-packet one-way delay: 17.735 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 603.15 Mbit/s
95th percentile per-packet one-way delay: 17.735 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link

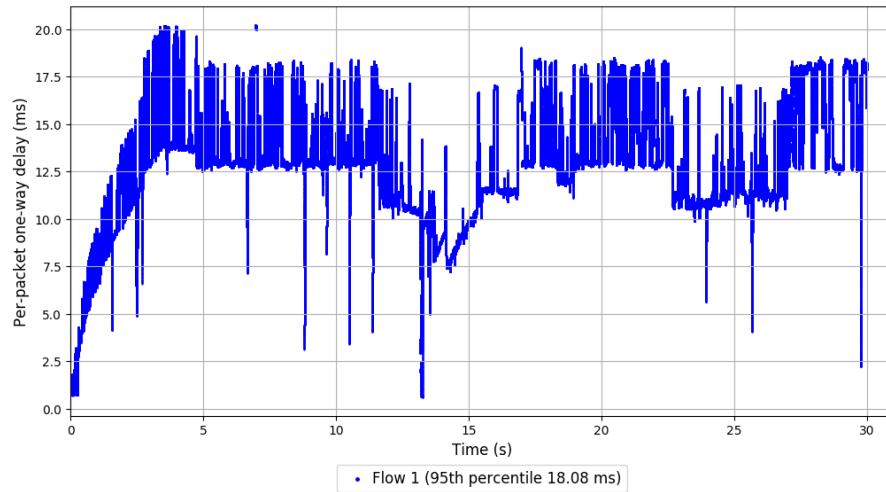
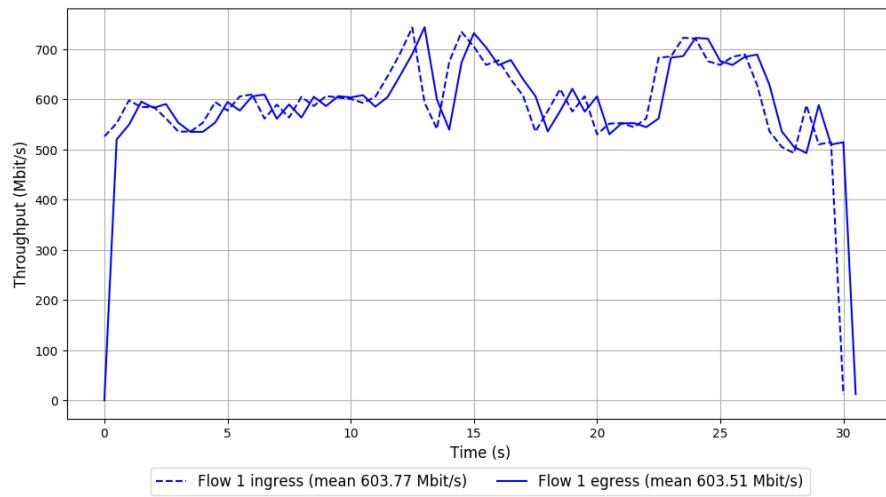


Run 2: Statistics of LEDBAT

```
Start at: 2019-01-21 05:48:15
End at: 2019-01-21 05:48:45
Local clock offset: 3.876 ms
Remote clock offset: 1.648 ms

# Below is generated by plot.py at 2019-01-21 08:01:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 603.51 Mbit/s
95th percentile per-packet one-way delay: 18.078 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 603.51 Mbit/s
95th percentile per-packet one-way delay: 18.078 ms
Loss rate: 0.05%
```

Run 2: Report of LEDBAT — Data Link

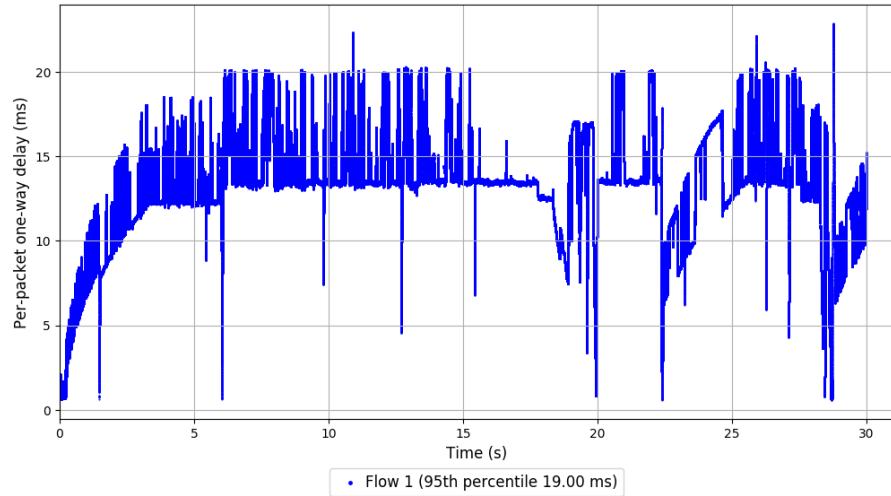
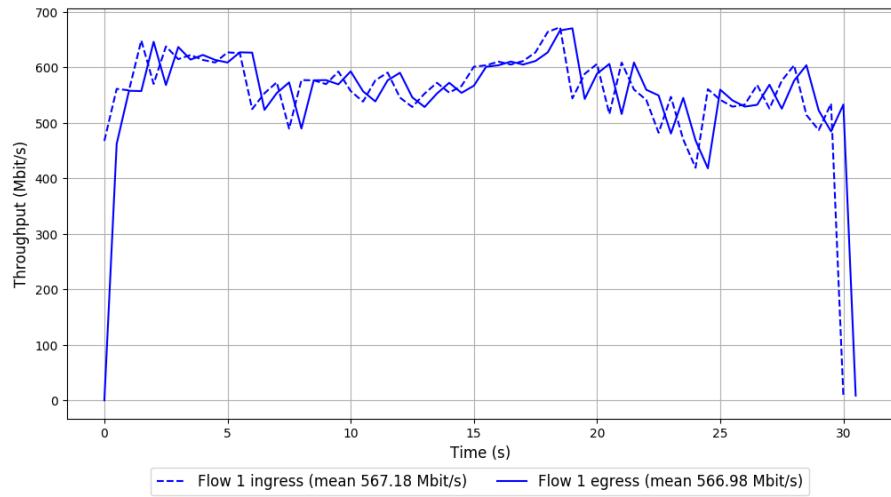


Run 3: Statistics of LEDBAT

```
Start at: 2019-01-21 06:17:05
End at: 2019-01-21 06:17:35
Local clock offset: 2.727 ms
Remote clock offset: 7.689 ms

# Below is generated by plot.py at 2019-01-21 08:01:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 566.98 Mbit/s
95th percentile per-packet one-way delay: 19.002 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 566.98 Mbit/s
95th percentile per-packet one-way delay: 19.002 ms
Loss rate: 0.04%
```

Run 3: Report of LEDBAT — Data Link

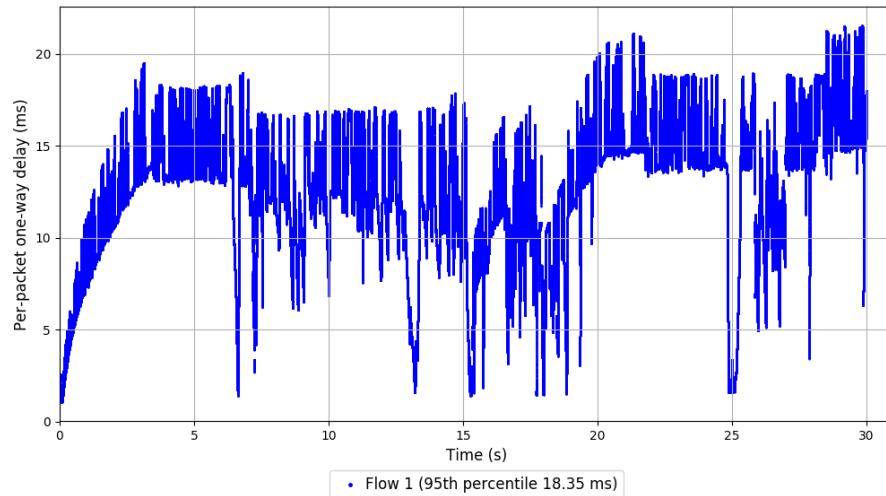
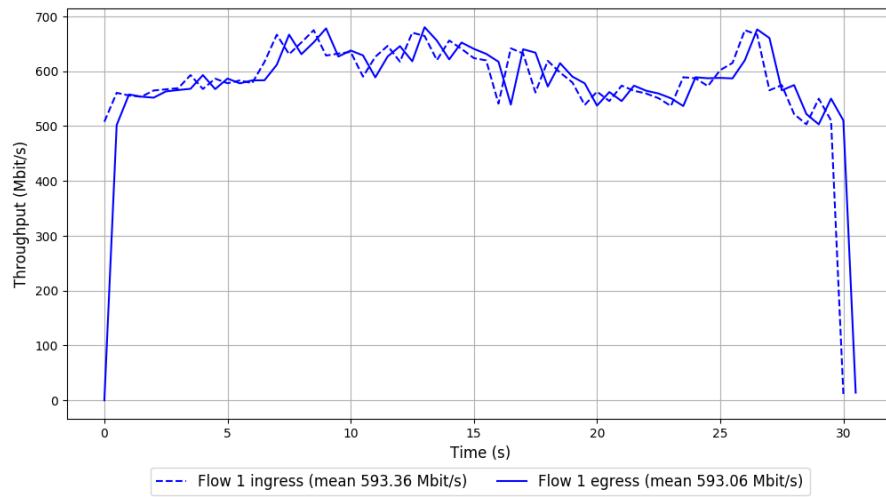


Run 4: Statistics of LEDBAT

```
Start at: 2019-01-21 06:46:06
End at: 2019-01-21 06:46:36
Local clock offset: 3.289 ms
Remote clock offset: 11.233 ms

# Below is generated by plot.py at 2019-01-21 08:02:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 593.06 Mbit/s
95th percentile per-packet one-way delay: 18.353 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 593.06 Mbit/s
95th percentile per-packet one-way delay: 18.353 ms
Loss rate: 0.05%
```

Run 4: Report of LEDBAT — Data Link

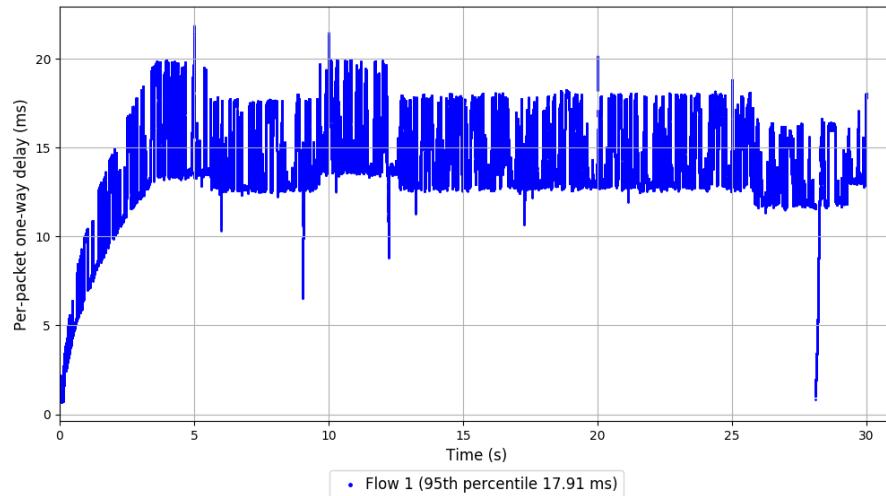
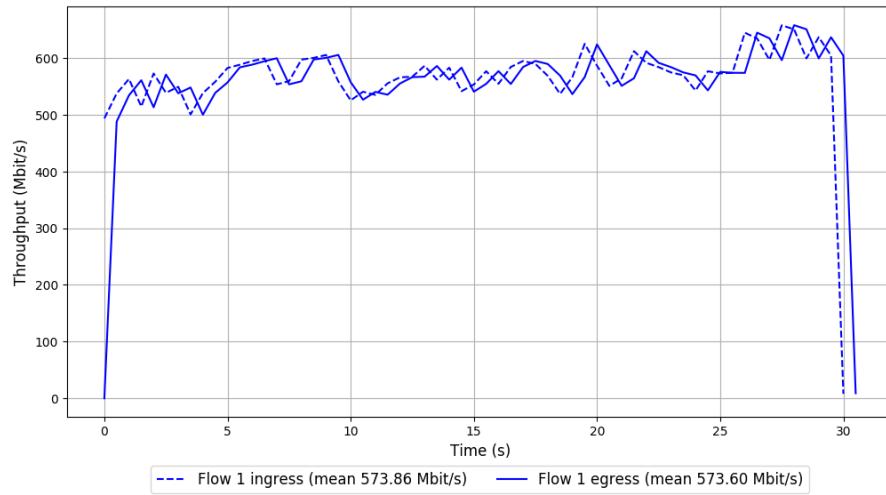


Run 5: Statistics of LEDBAT

```
Start at: 2019-01-21 07:14:55
End at: 2019-01-21 07:15:25
Local clock offset: 2.506 ms
Remote clock offset: -1.725 ms

# Below is generated by plot.py at 2019-01-21 08:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 573.60 Mbit/s
95th percentile per-packet one-way delay: 17.905 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 573.60 Mbit/s
95th percentile per-packet one-way delay: 17.905 ms
Loss rate: 0.05%
```

Run 5: Report of LEDBAT — Data Link

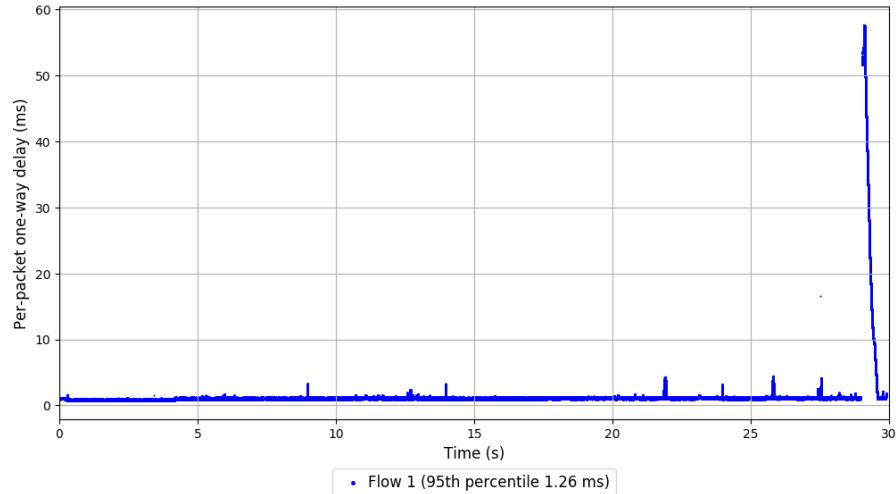
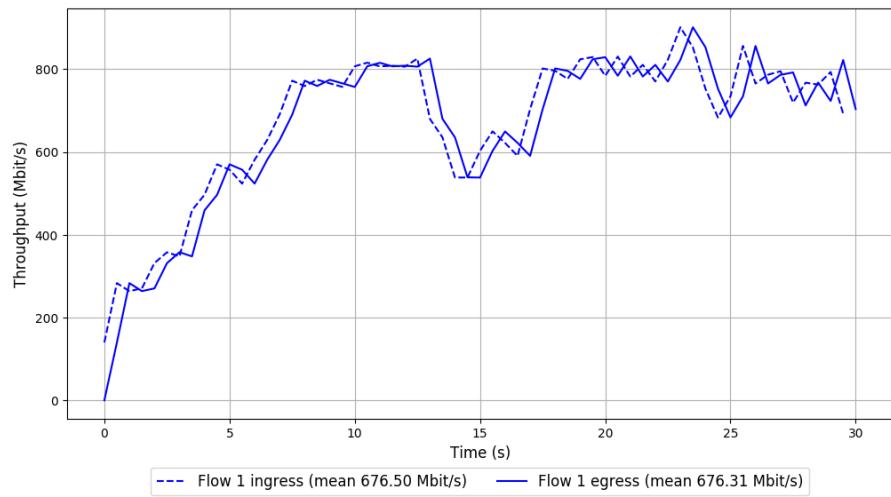


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-01-21 05:09:39
End at: 2019-01-21 05:10:09
Local clock offset: 3.962 ms
Remote clock offset: -5.057 ms

# Below is generated by plot.py at 2019-01-21 08:03:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 676.31 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 676.31 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.03%
```

Run 1: Report of PCC-Allegro — Data Link

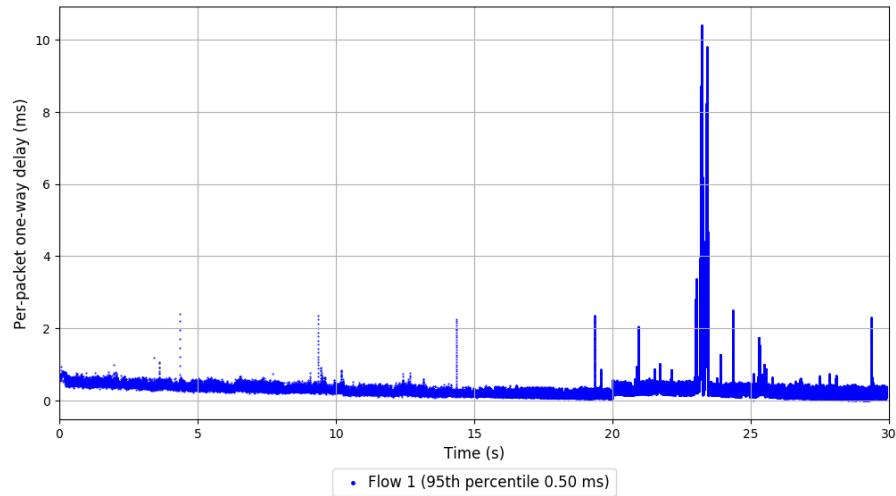
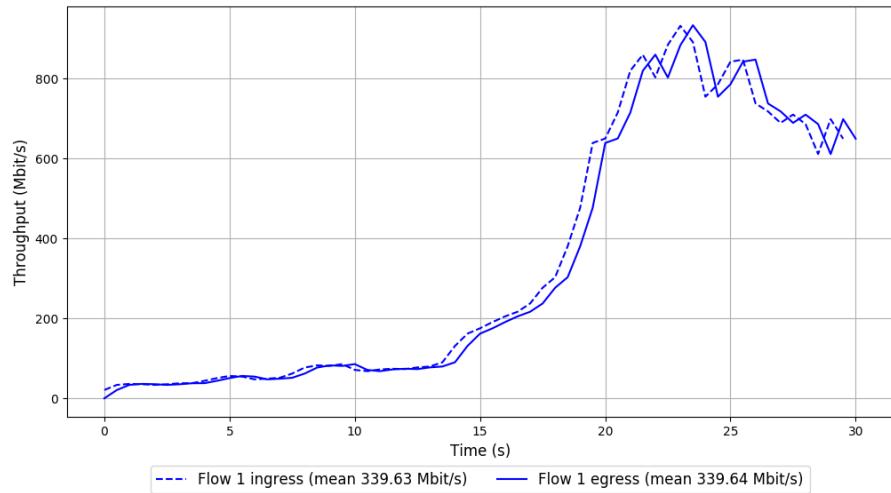


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-01-21 05:38:41
End at: 2019-01-21 05:39:11
Local clock offset: 3.727 ms
Remote clock offset: -5.405 ms

# Below is generated by plot.py at 2019-01-21 08:03:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 339.64 Mbit/s
95th percentile per-packet one-way delay: 0.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 339.64 Mbit/s
95th percentile per-packet one-way delay: 0.504 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Allegro — Data Link

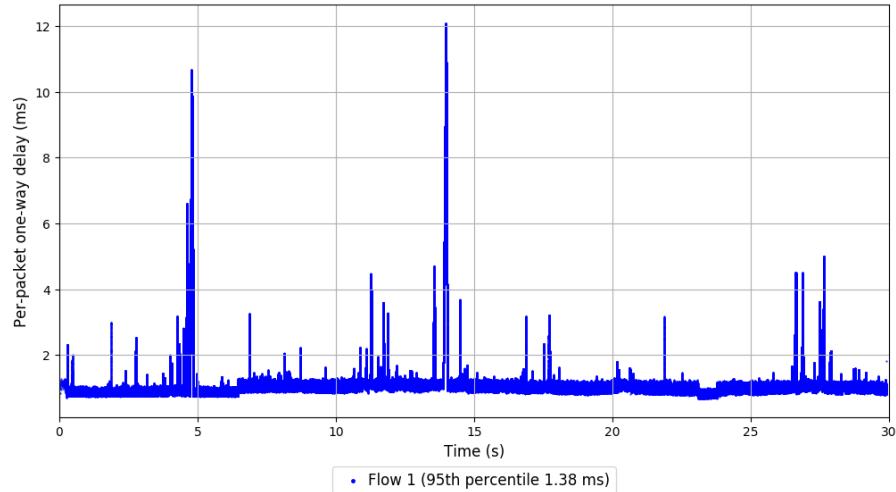
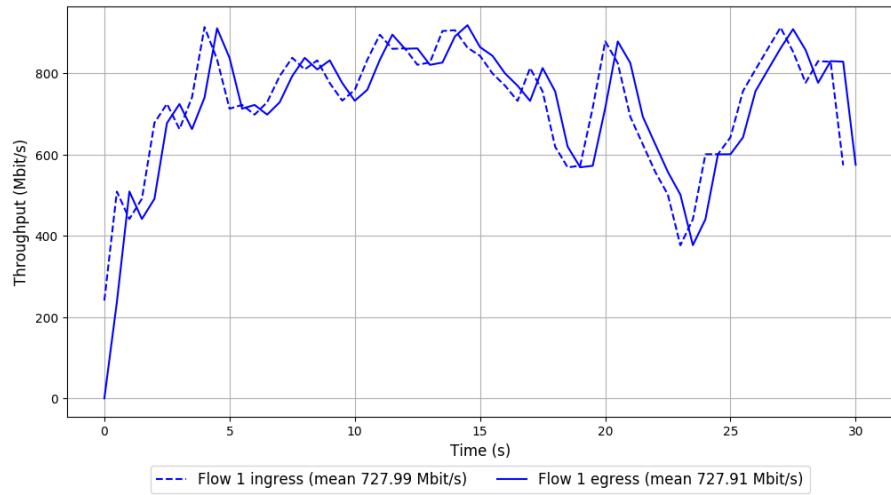


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-01-21 06:07:23
End at: 2019-01-21 06:07:53
Local clock offset: 2.824 ms
Remote clock offset: 6.445 ms

# Below is generated by plot.py at 2019-01-21 08:05:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 727.91 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 727.91 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Allegro — Data Link

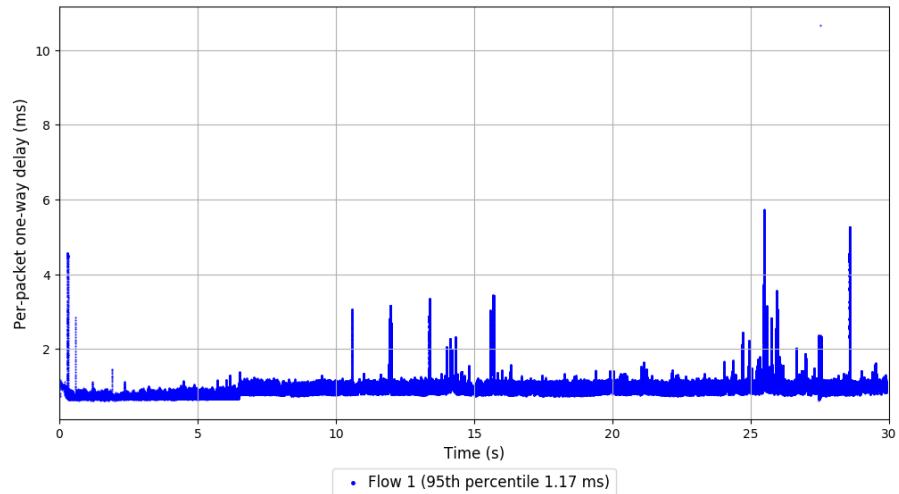
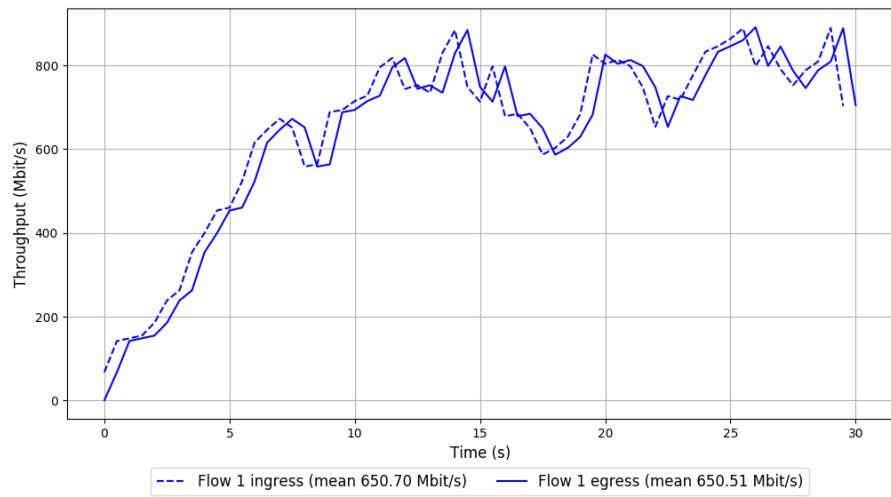


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-01-21 06:36:18
End at: 2019-01-21 06:36:48
Local clock offset: 3.206 ms
Remote clock offset: 10.148 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 650.51 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 650.51 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.03%
```

Run 4: Report of PCC-Allegro — Data Link

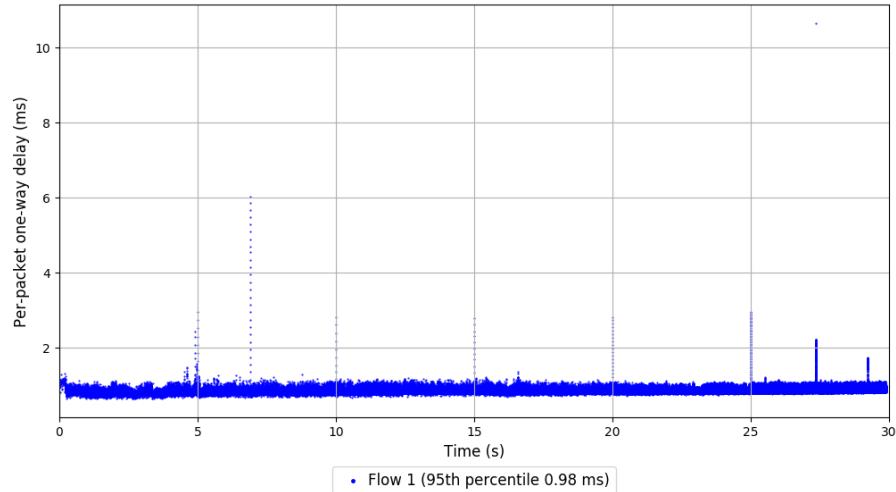
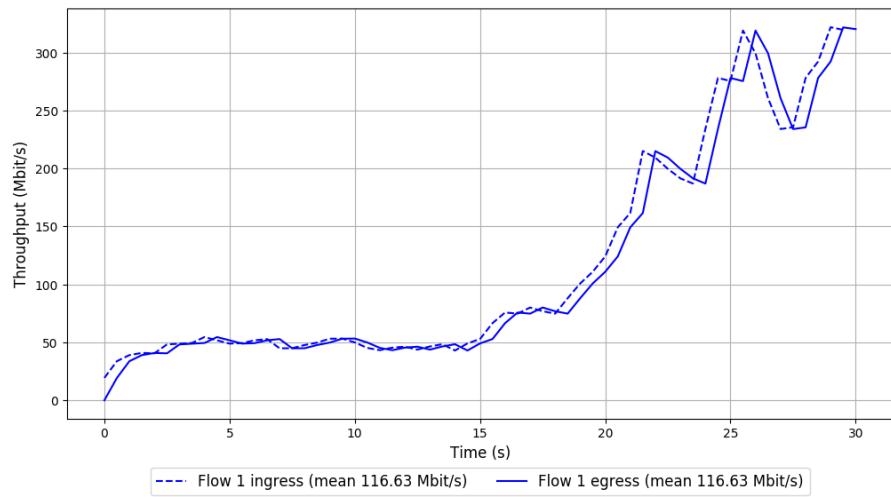


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-01-21 07:05:25
End at: 2019-01-21 07:05:55
Local clock offset: 2.609 ms
Remote clock offset: -0.202 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.63 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.63 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Allegro — Data Link

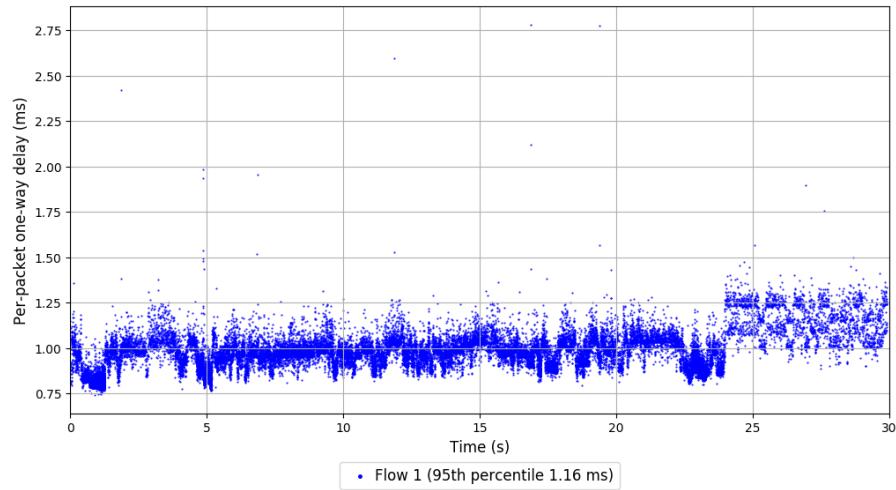
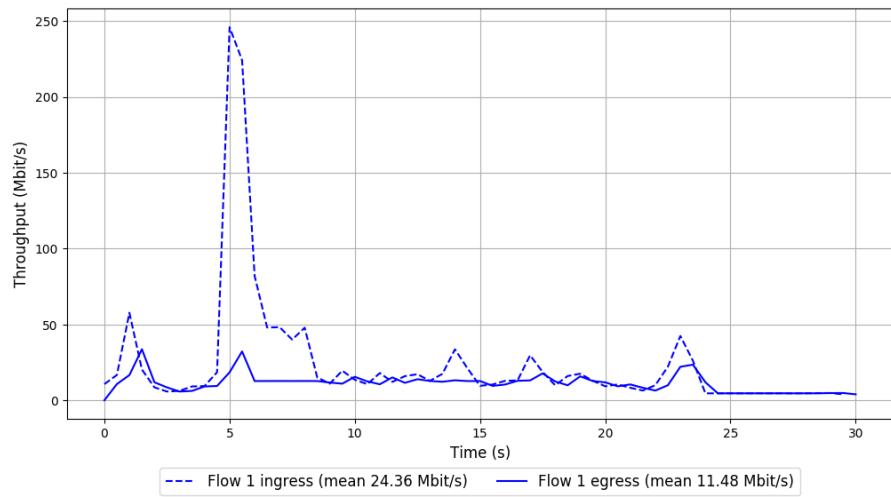


Run 1: Statistics of PCC-Expr

```
Start at: 2019-01-21 05:16:53
End at: 2019-01-21 05:17:23
Local clock offset: 4.121 ms
Remote clock offset: -5.371 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 52.87%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 52.87%
```

Run 1: Report of PCC-Expr — Data Link

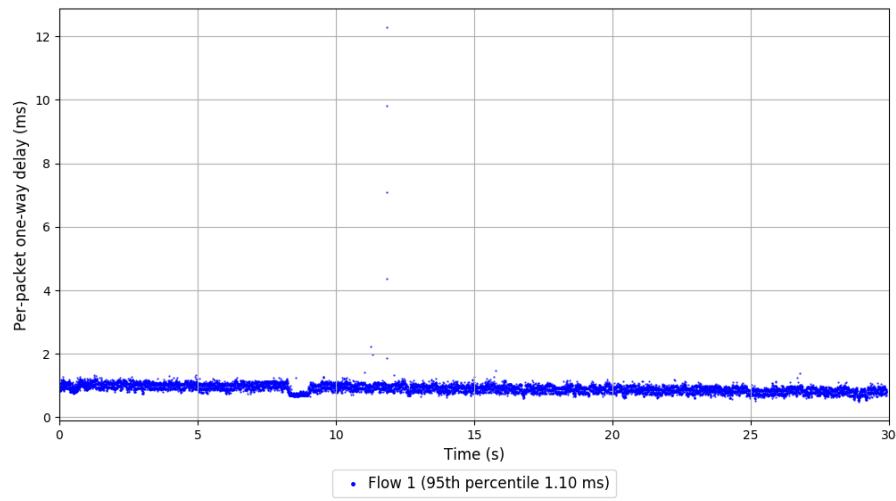
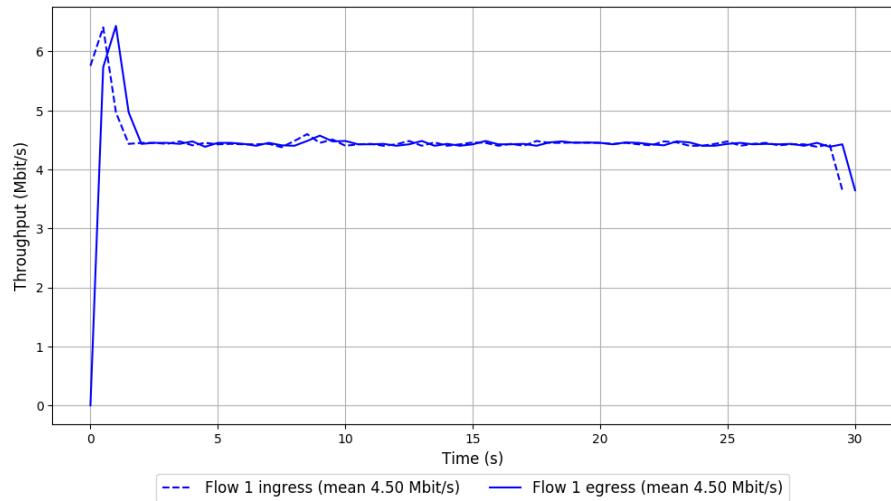


Run 2: Statistics of PCC-Expr

```
Start at: 2019-01-21 05:45:45
End at: 2019-01-21 05:46:15
Local clock offset: 3.845 ms
Remote clock offset: 0.429 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

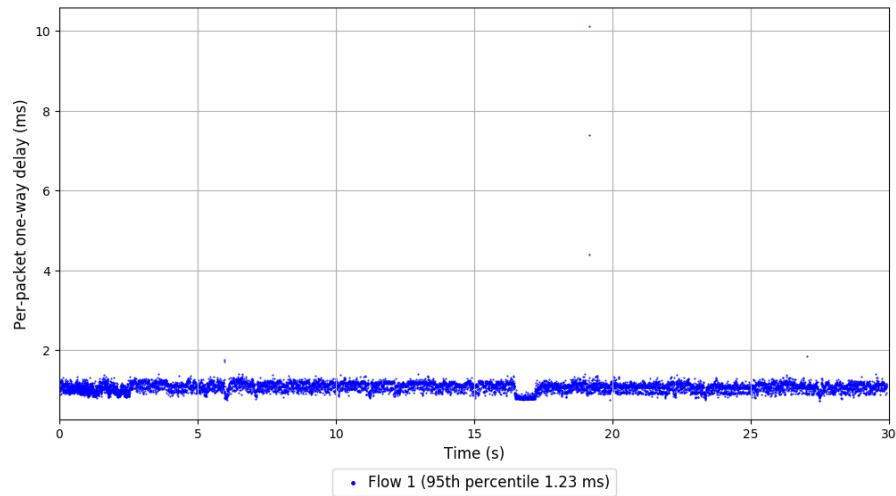
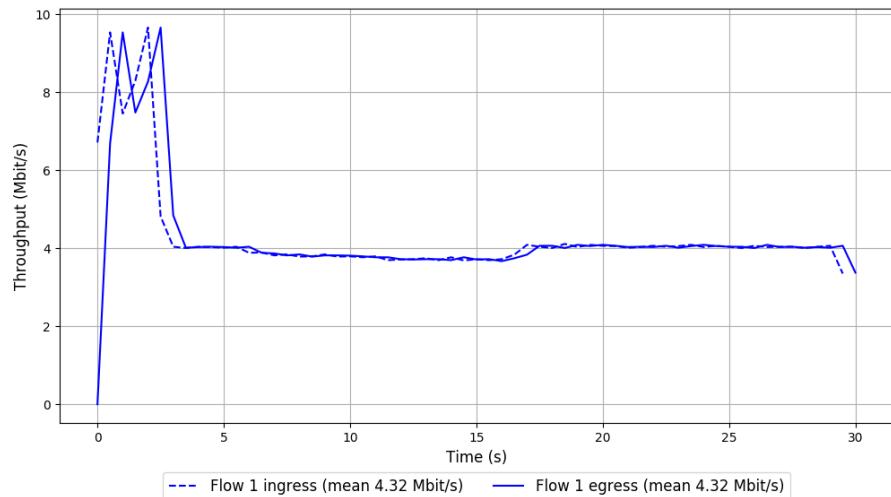


Run 3: Statistics of PCC-Expr

```
Start at: 2019-01-21 06:14:37
End at: 2019-01-21 06:15:07
Local clock offset: 2.738 ms
Remote clock offset: 7.487 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Expr — Data Link

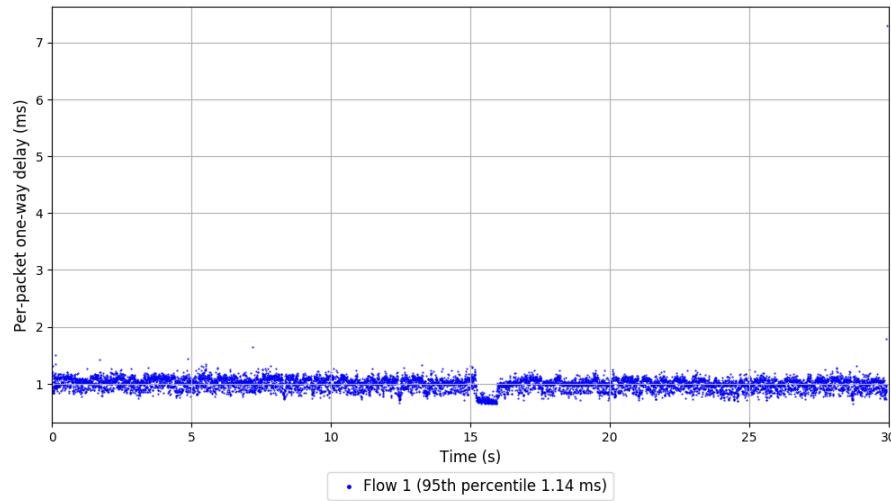
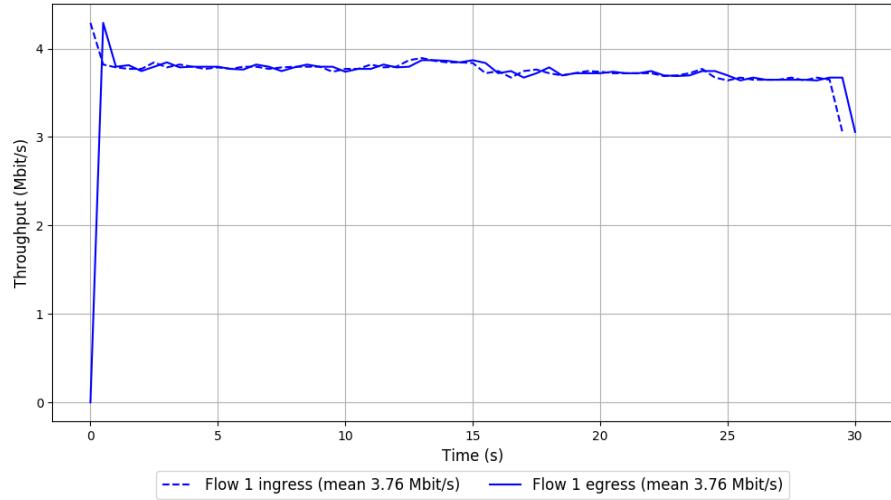


Run 4: Statistics of PCC-Expr

```
Start at: 2019-01-21 06:43:38
End at: 2019-01-21 06:44:08
Local clock offset: 3.266 ms
Remote clock offset: 11.046 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Expr — Data Link

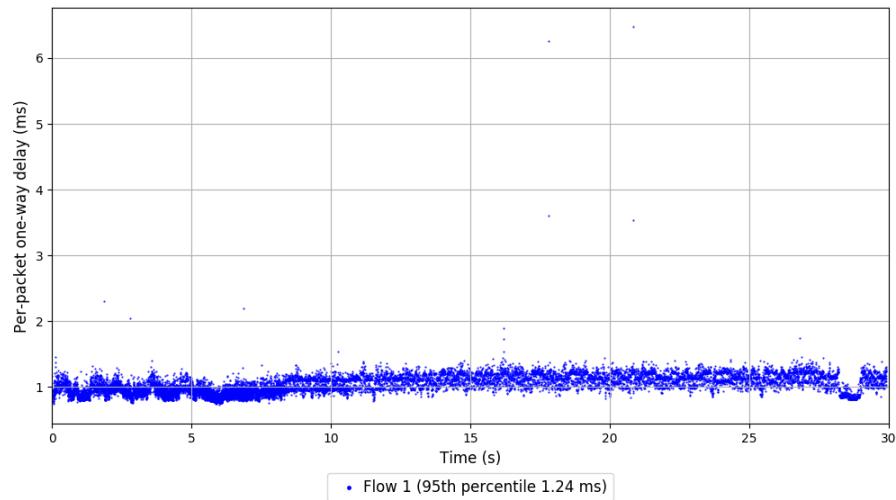
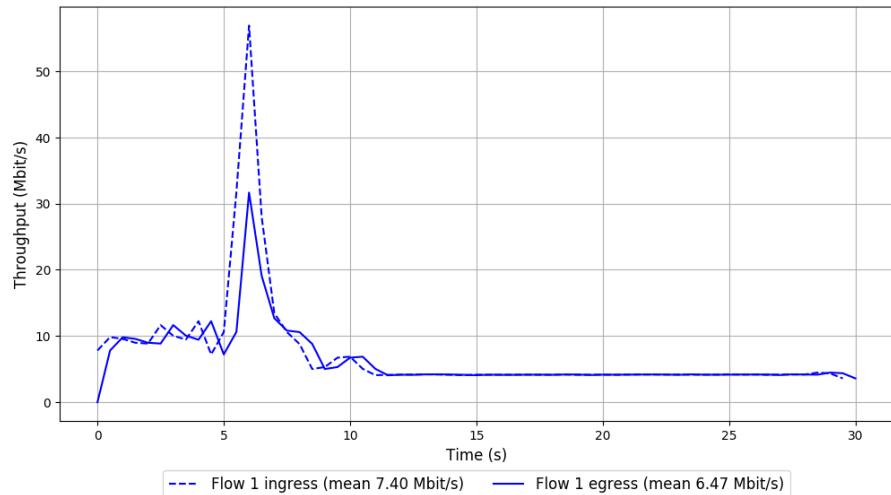


Run 5: Statistics of PCC-Expr

```
Start at: 2019-01-21 07:12:25
End at: 2019-01-21 07:12:55
Local clock offset: 2.525 ms
Remote clock offset: -1.362 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 12.60%
-- Flow 1:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 12.60%
```

Run 5: Report of PCC-Expr — Data Link

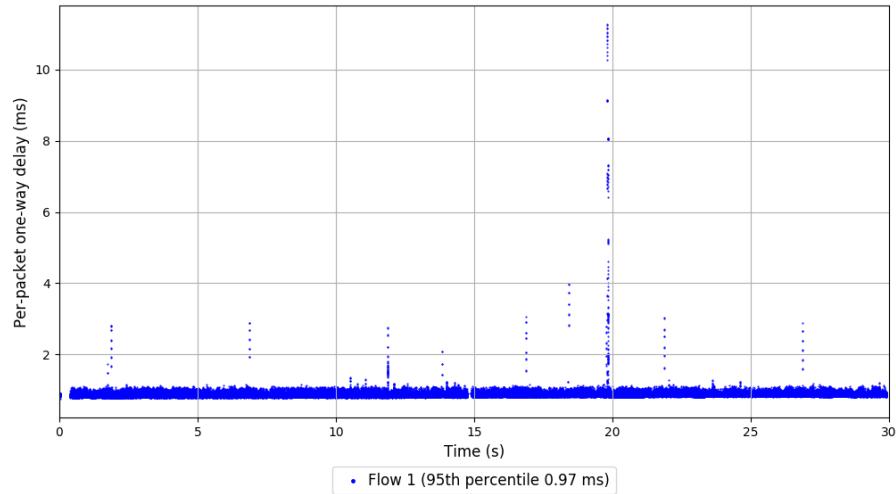
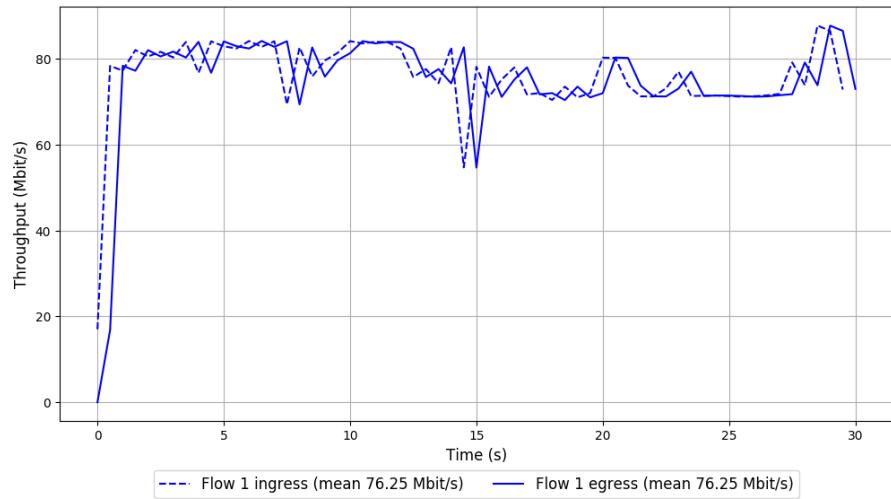


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-01-21 05:07:11
End at: 2019-01-21 05:07:41
Local clock offset: 3.93 ms
Remote clock offset: -4.855 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 0.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 0.970 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

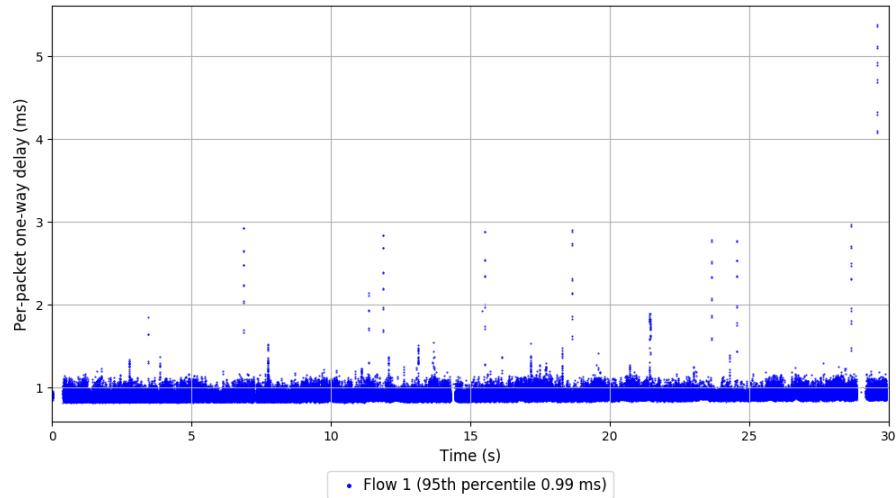
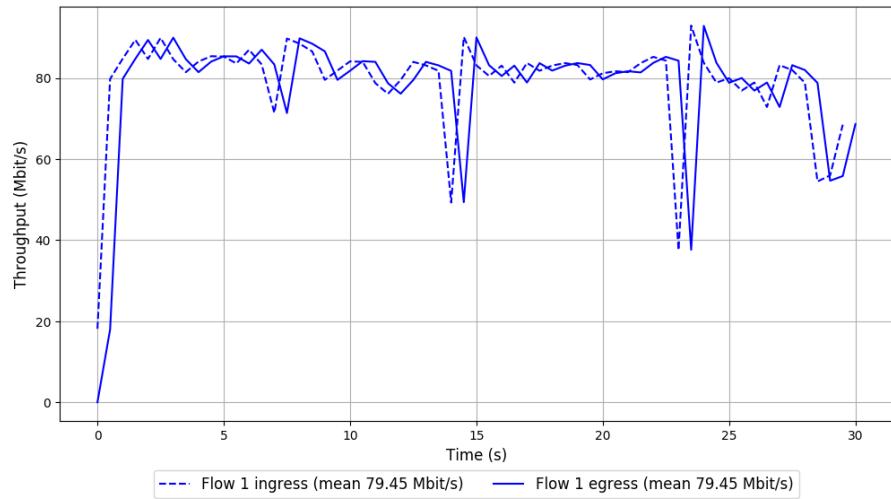


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-01-21 05:36:12
End at: 2019-01-21 05:36:42
Local clock offset: 3.726 ms
Remote clock offset: -6.268 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 0.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 0.993 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

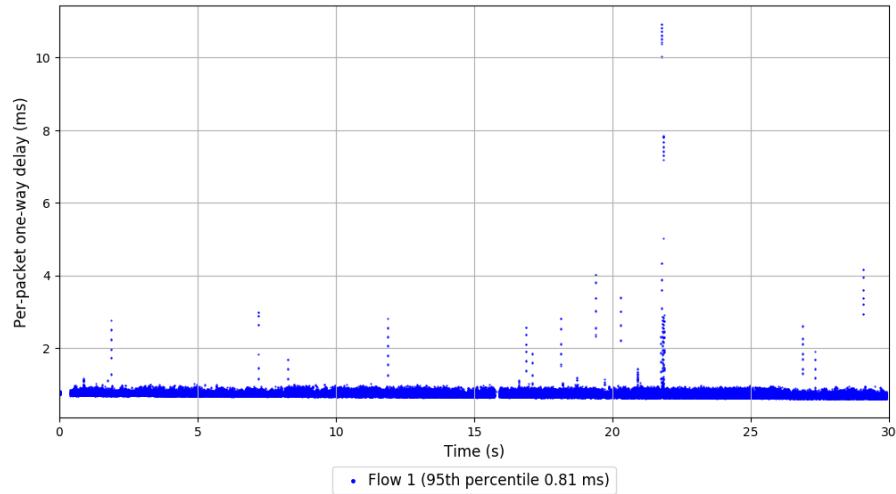
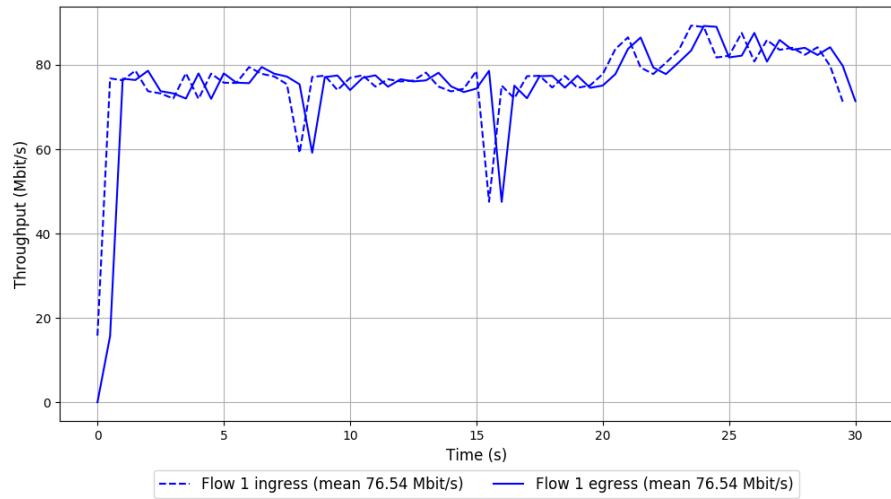


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-01-21 06:04:55
End at: 2019-01-21 06:05:25
Local clock offset: 2.852 ms
Remote clock offset: 5.994 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 0.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 0.807 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

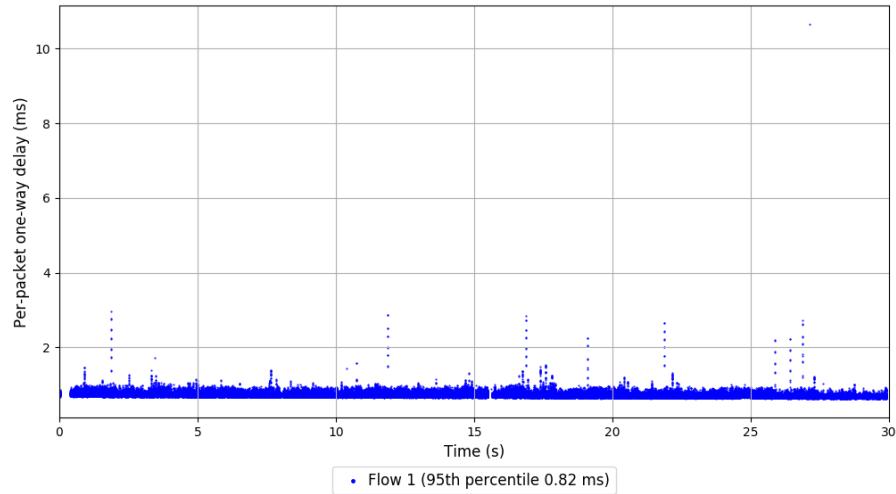
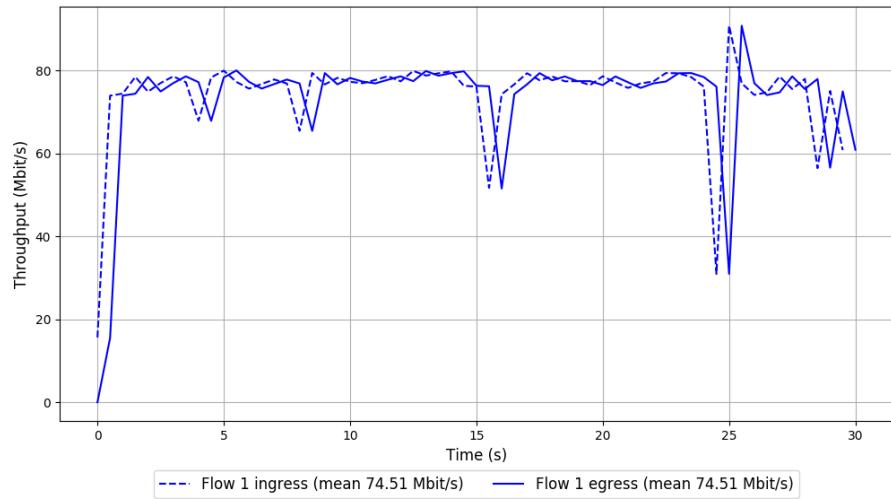


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-01-21 06:33:50
End at: 2019-01-21 06:34:20
Local clock offset: 3.171 ms
Remote clock offset: 9.881 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 0.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 0.820 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

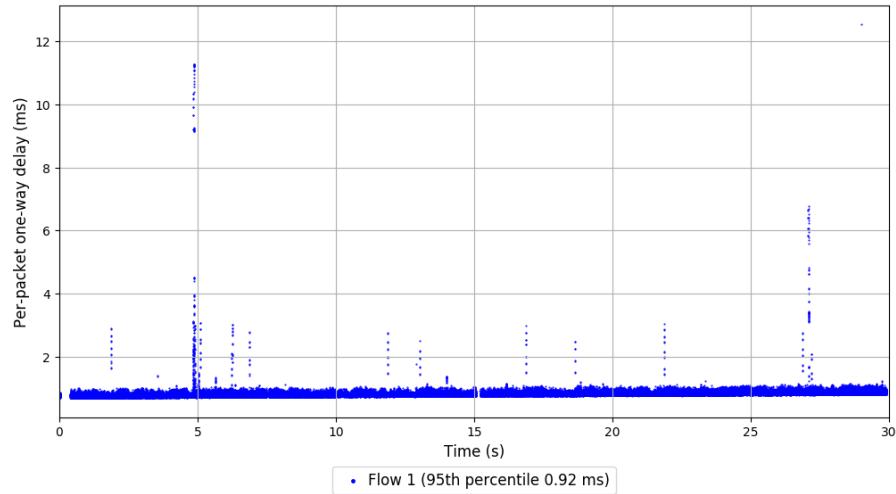
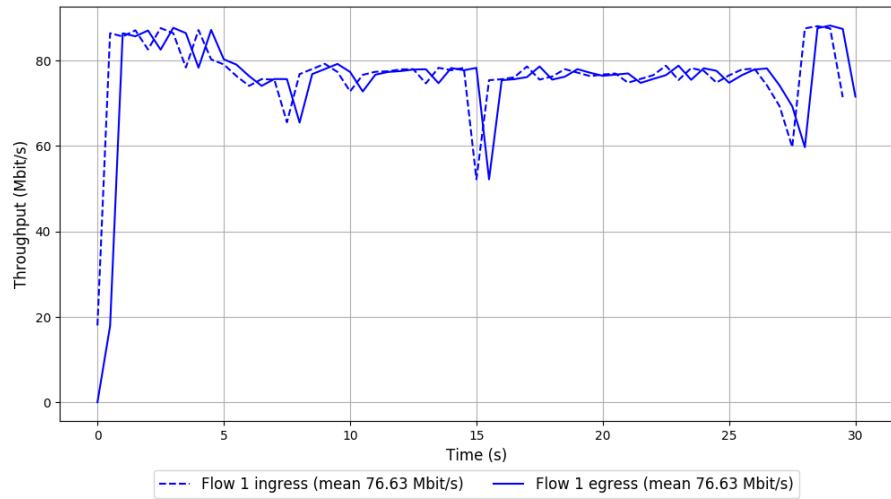


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-01-21 07:02:57
End at: 2019-01-21 07:03:27
Local clock offset: 2.648 ms
Remote clock offset: 0.359 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

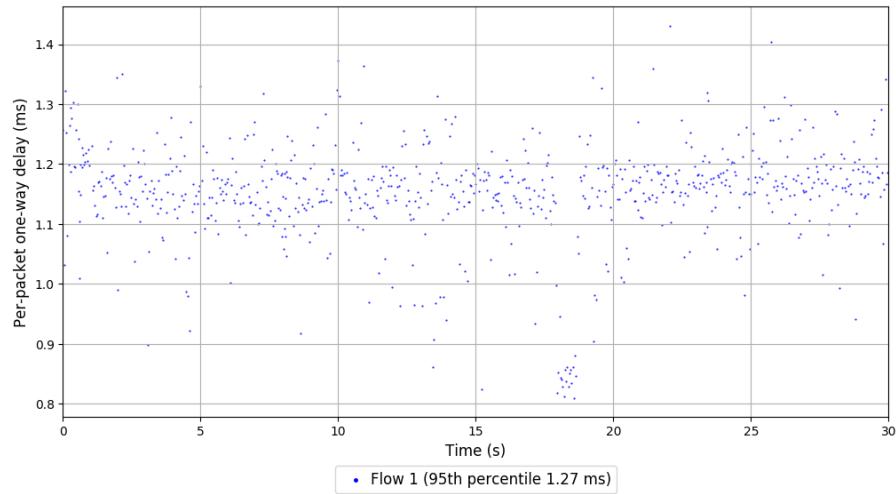
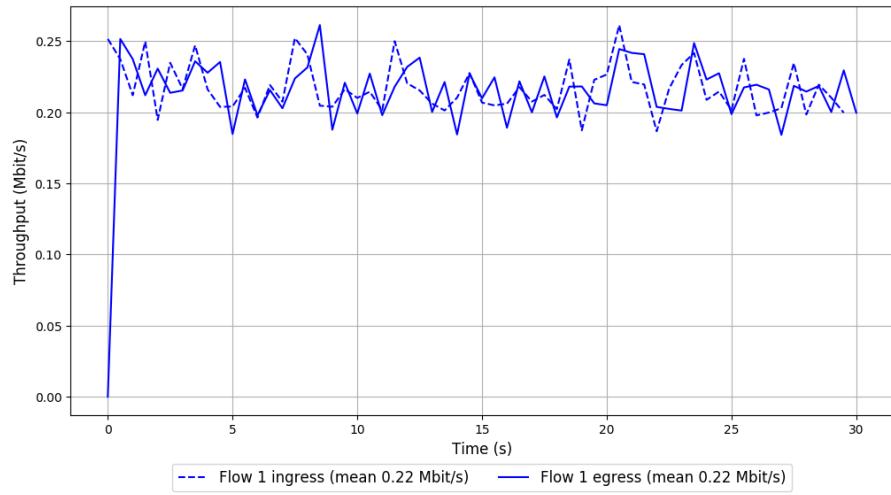


```
Run 1: Statistics of SCReAM
```

```
Start at: 2019-01-21 05:03:06
End at: 2019-01-21 05:03:36
Local clock offset: 3.913 ms
Remote clock offset: -4.611 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

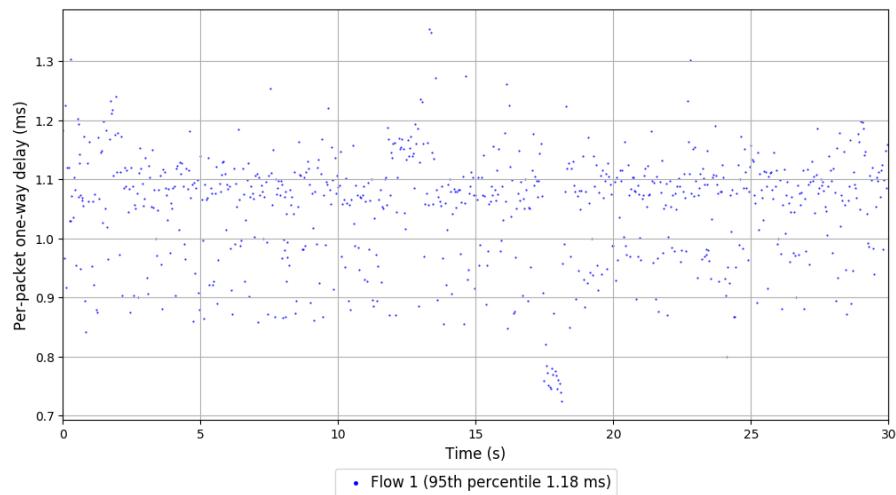
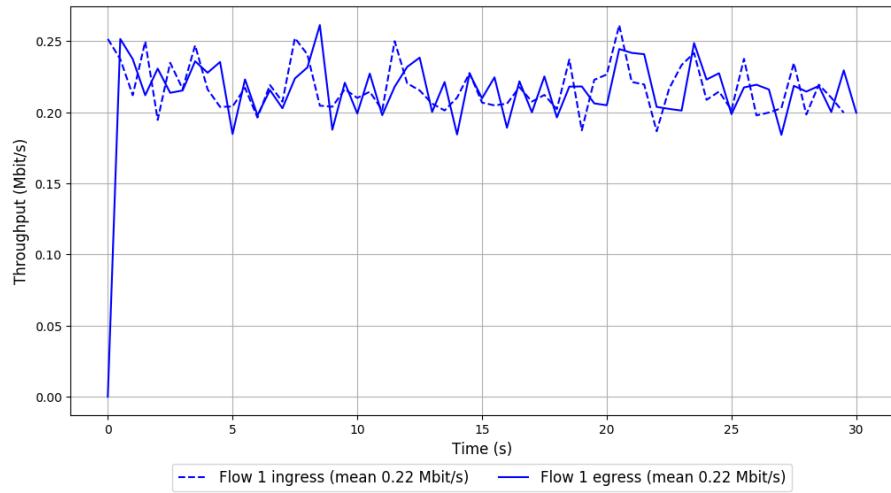


Run 2: Statistics of SCReAM

```
Start at: 2019-01-21 05:32:06
End at: 2019-01-21 05:32:36
Local clock offset: 3.704 ms
Remote clock offset: -6.173 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.177 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

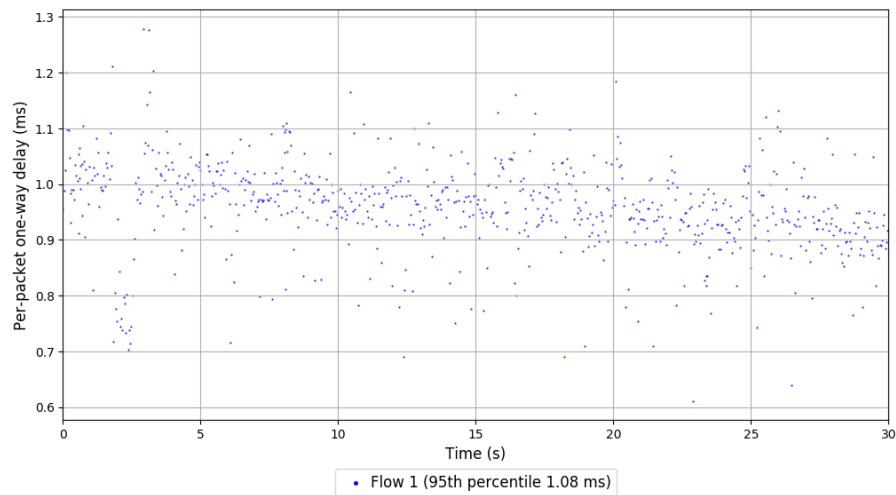
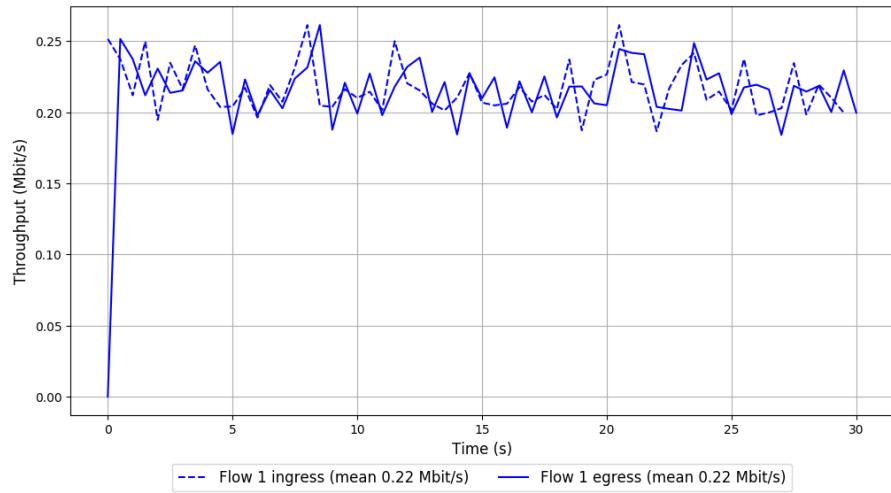


Run 3: Statistics of SCReAM

```
Start at: 2019-01-21 06:00:52
End at: 2019-01-21 06:01:22
Local clock offset: 2.97 ms
Remote clock offset: 5.226 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

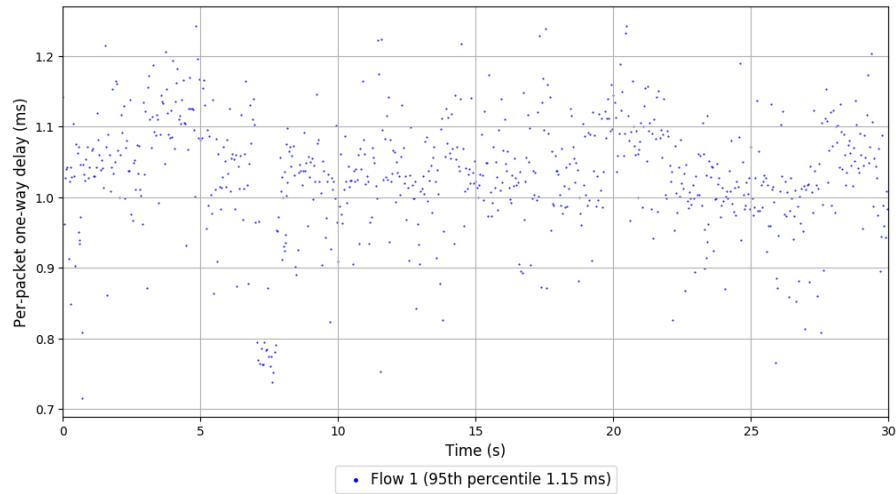
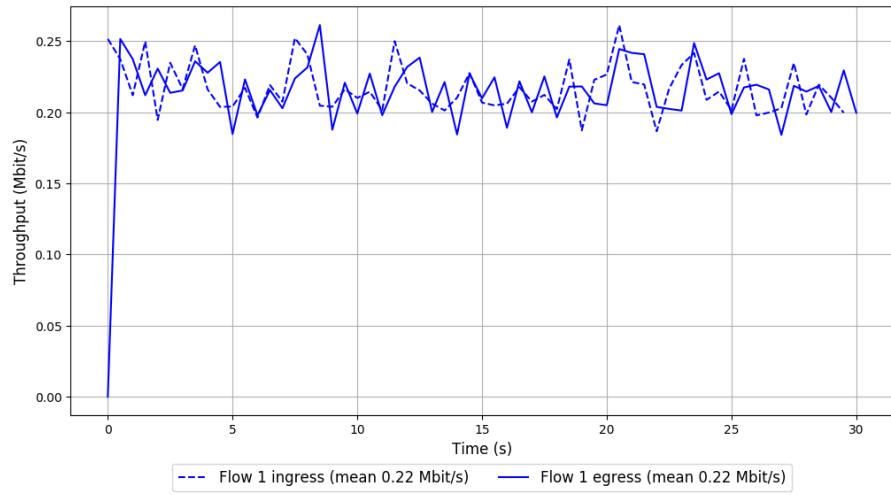


Run 4: Statistics of SCReAM

```
Start at: 2019-01-21 06:29:47
End at: 2019-01-21 06:30:17
Local clock offset: 3.096 ms
Remote clock offset: 9.38 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

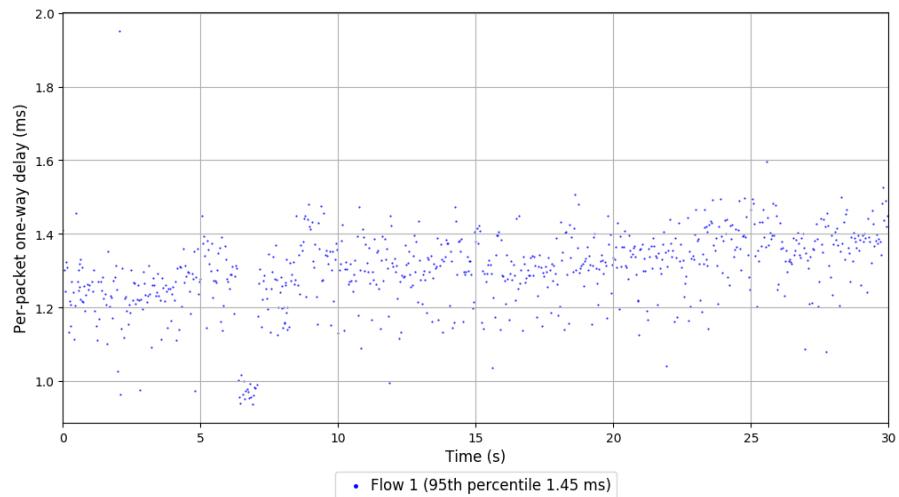
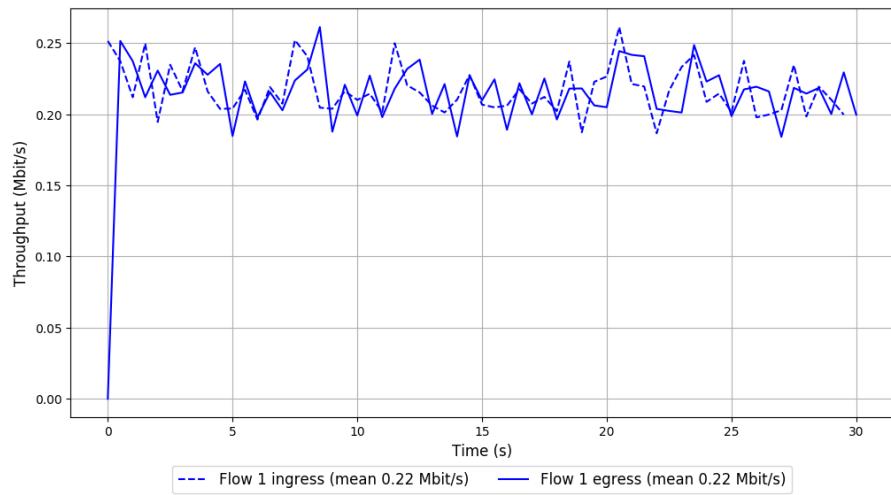


Run 5: Statistics of SCReAM

```
Start at: 2019-01-21 06:58:47
End at: 2019-01-21 06:59:17
Local clock offset: 2.774 ms
Remote clock offset: 1.78 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.447 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

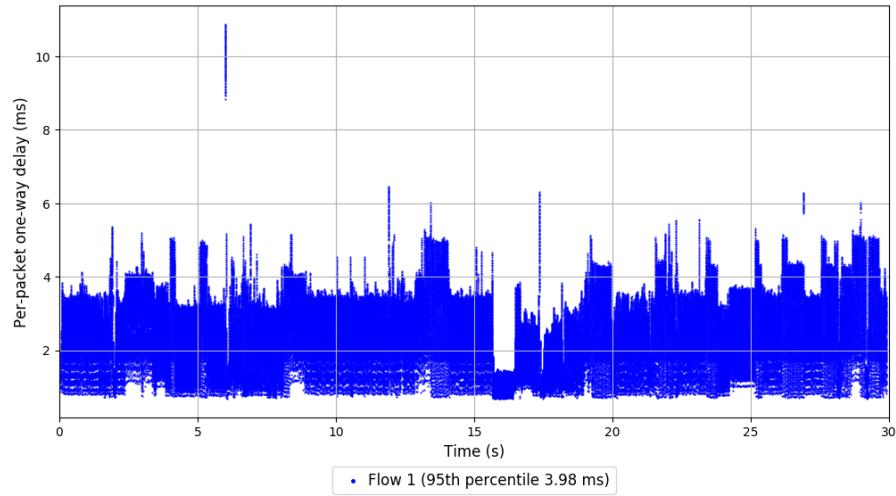
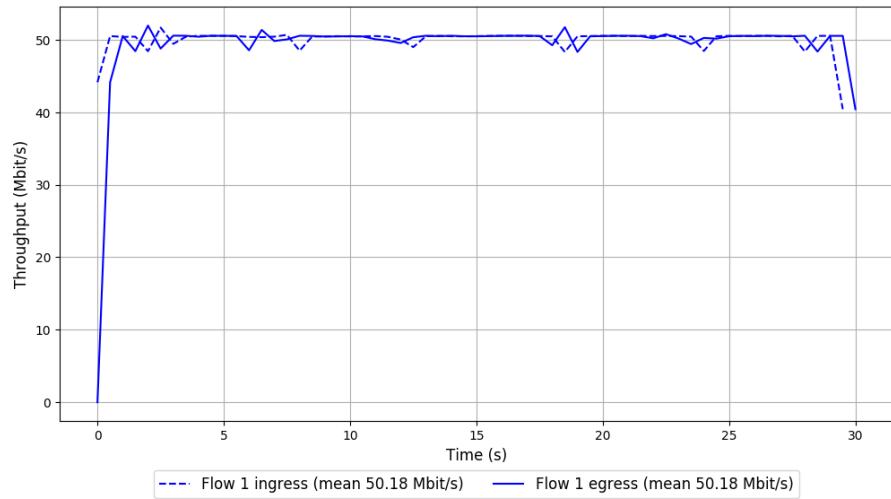


Run 1: Statistics of Sprout

```
Start at: 2019-01-21 04:54:38
End at: 2019-01-21 04:55:08
Local clock offset: 4.21 ms
Remote clock offset: -4.147 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 3.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 3.979 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

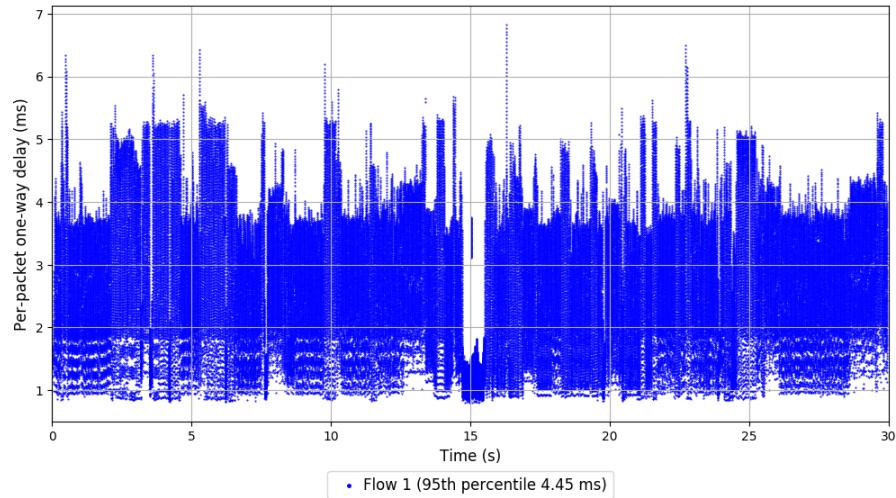
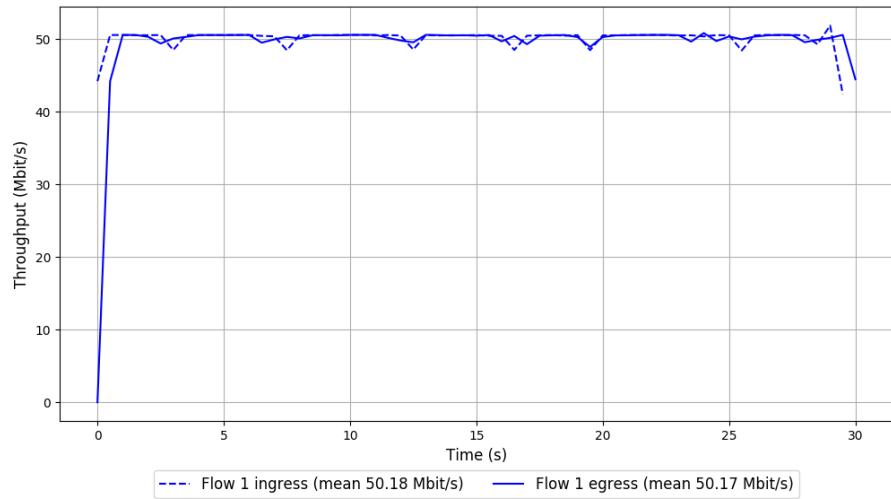


Run 2: Statistics of Sprout

```
Start at: 2019-01-21 05:23:39
End at: 2019-01-21 05:24:09
Local clock offset: 3.858 ms
Remote clock offset: -5.661 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 4.446 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 4.446 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

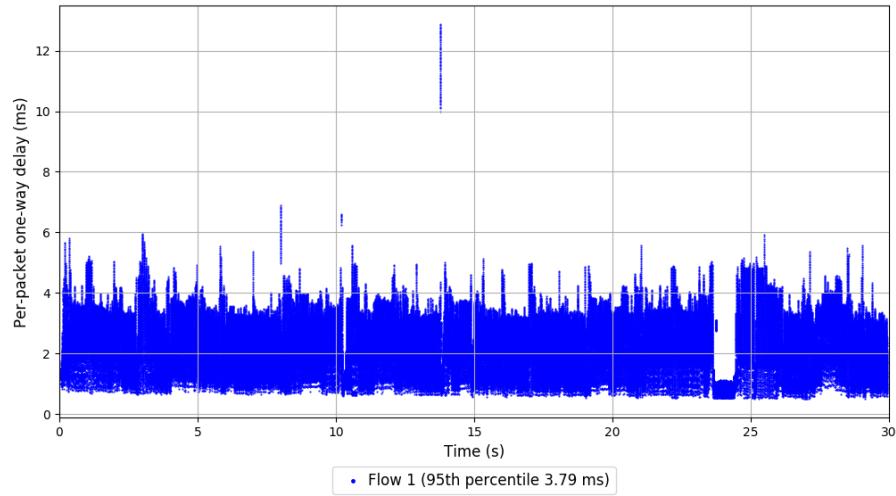
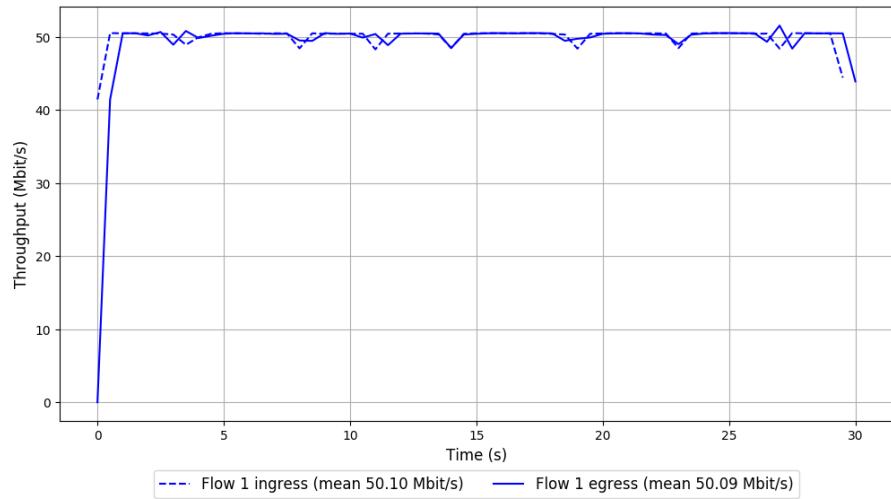


Run 3: Statistics of Sprout

```
Start at: 2019-01-21 05:52:30
End at: 2019-01-21 05:53:00
Local clock offset: 3.475 ms
Remote clock offset: 3.222 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 3.788 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 3.788 ms
Loss rate: 0.02%
```

Run 3: Report of Sprout — Data Link

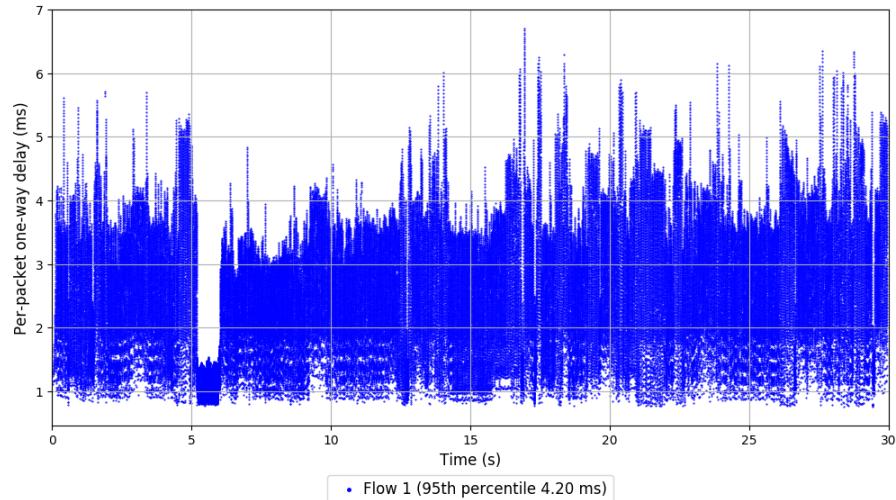
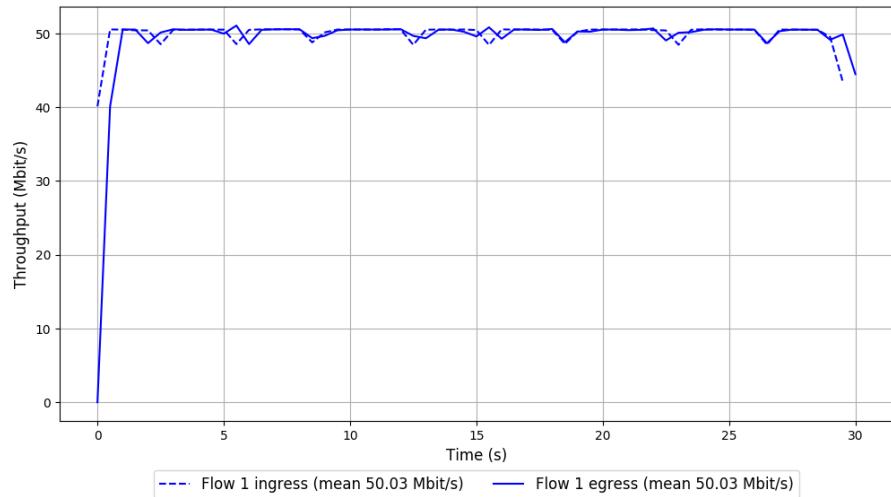


Run 4: Statistics of Sprout

```
Start at: 2019-01-21 06:21:18
End at: 2019-01-21 06:21:48
Local clock offset: 2.852 ms
Remote clock offset: 8.364 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 4.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 4.196 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

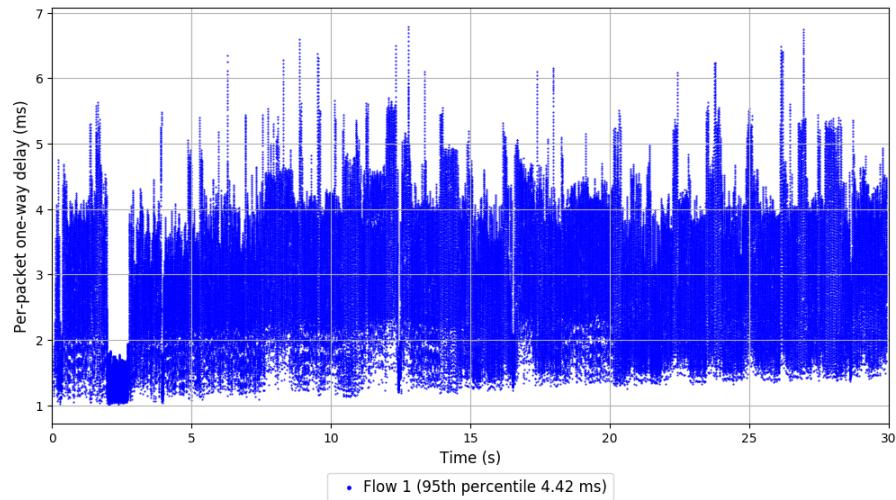
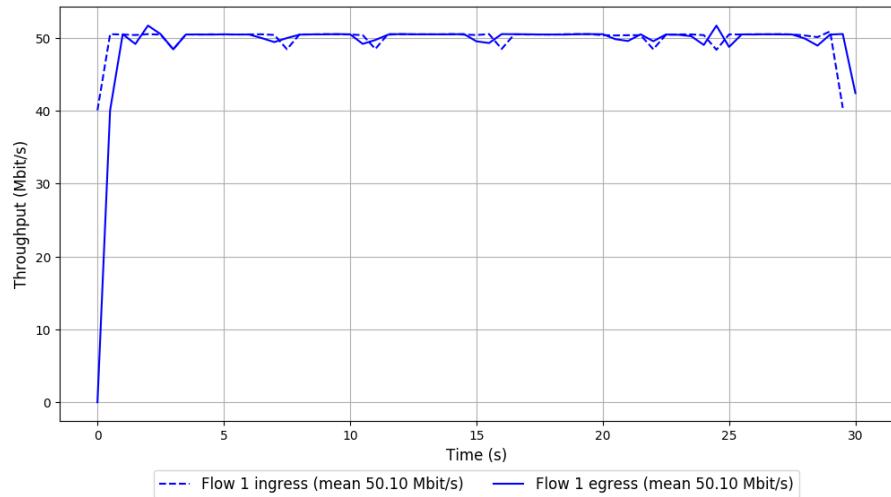


Run 5: Statistics of Sprout

```
Start at: 2019-01-21 06:50:22
End at: 2019-01-21 06:50:52
Local clock offset: 3.182 ms
Remote clock offset: 6.67 ms

# Below is generated by plot.py at 2019-01-21 08:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 4.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 4.415 ms
Loss rate: 0.00%
```

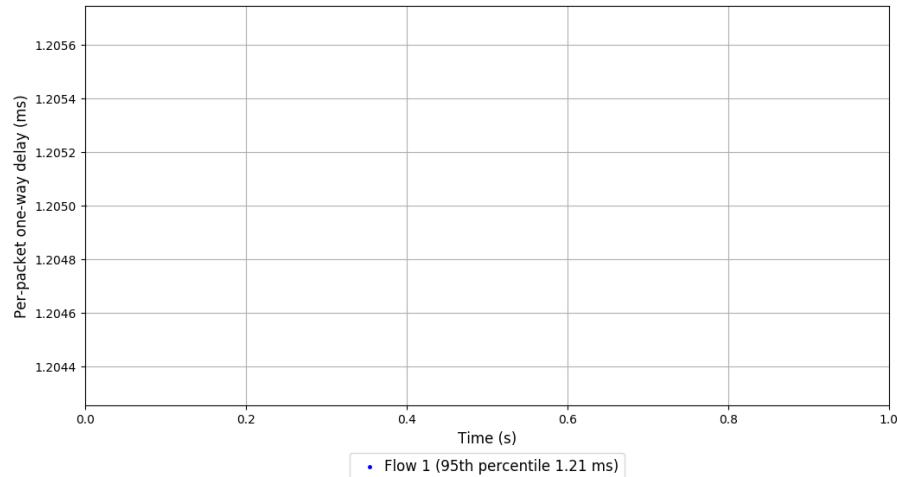
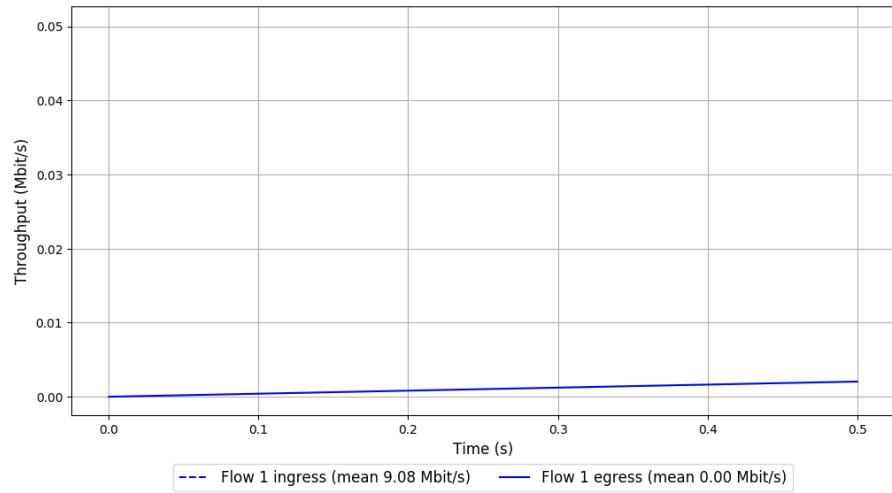
Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-01-21 04:53:25
End at: 2019-01-21 04:53:55
Local clock offset: 4.308 ms
Remote clock offset: -4.005 ms

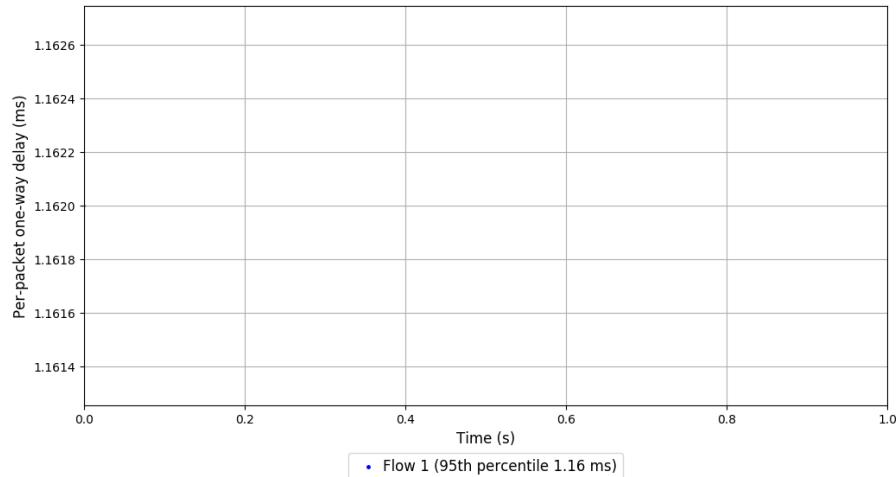
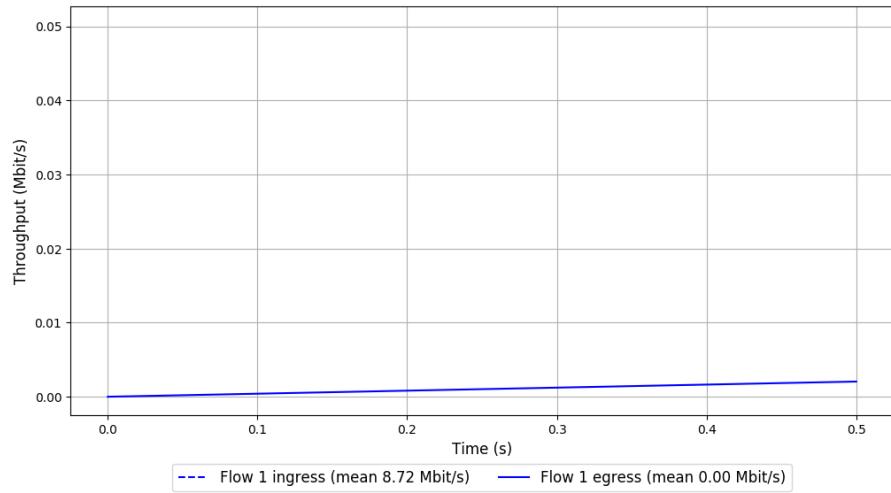
Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: 2019-01-21 05:22:26
End at: 2019-01-21 05:22:56
Local clock offset: 3.927 ms
Remote clock offset: -5.685 ms

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



Run 3: Statistics of TaoVA-100x

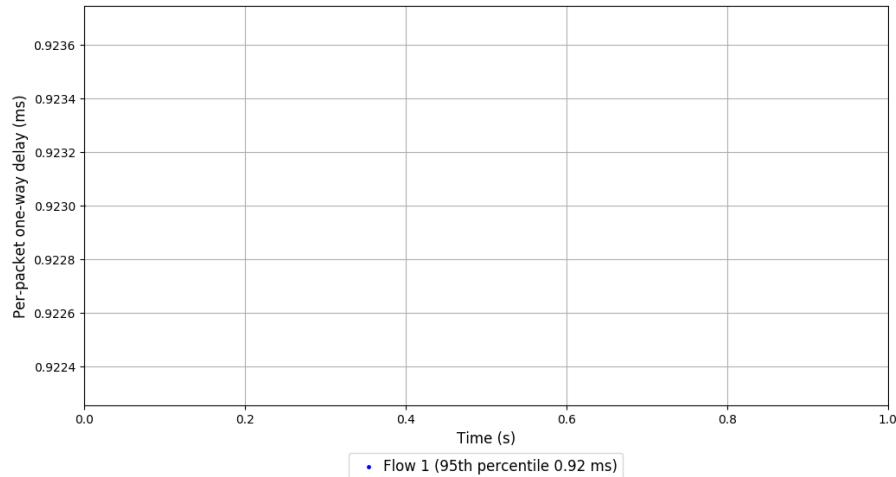
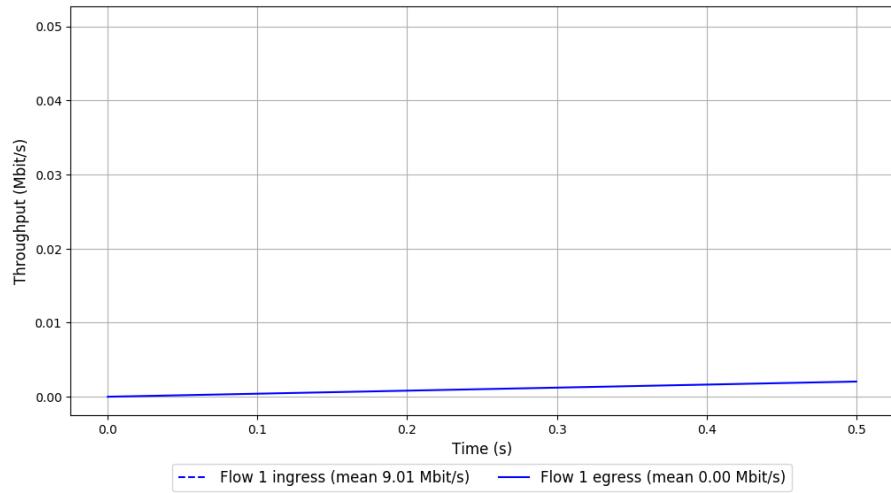
Start at: 2019-01-21 05:51:17

End at: 2019-01-21 05:51:47

Local clock offset: 3.587 ms

Remote clock offset: 2.729 ms

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



Run 4: Statistics of TaoVA-100x

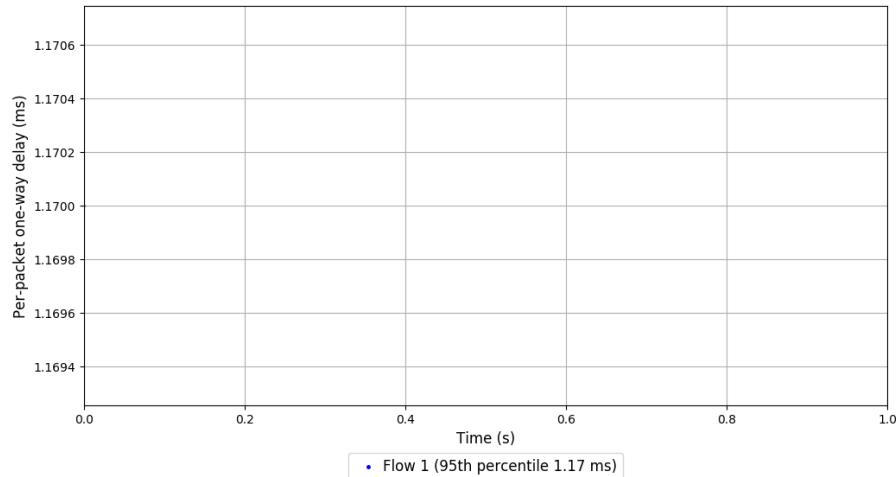
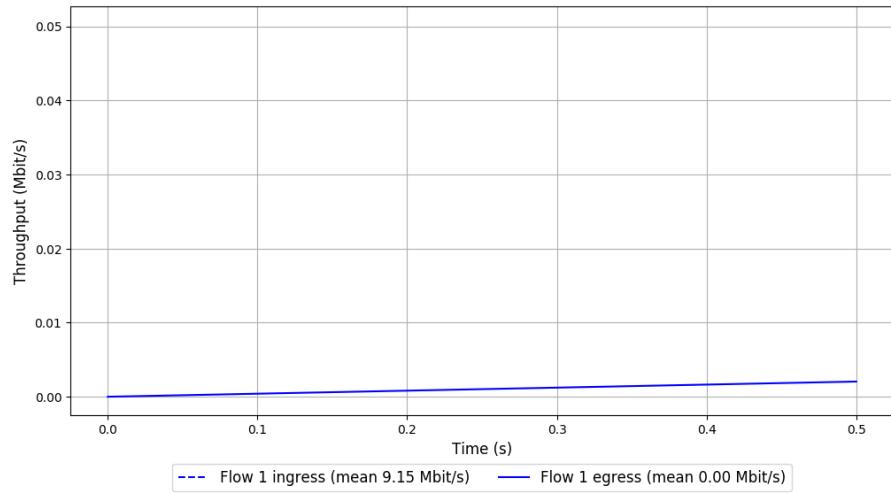
Start at: 2019-01-21 06:20:06

End at: 2019-01-21 06:20:36

Local clock offset: 2.792 ms

Remote clock offset: 8.126 ms

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



Run 5: Statistics of TaoVA-100x

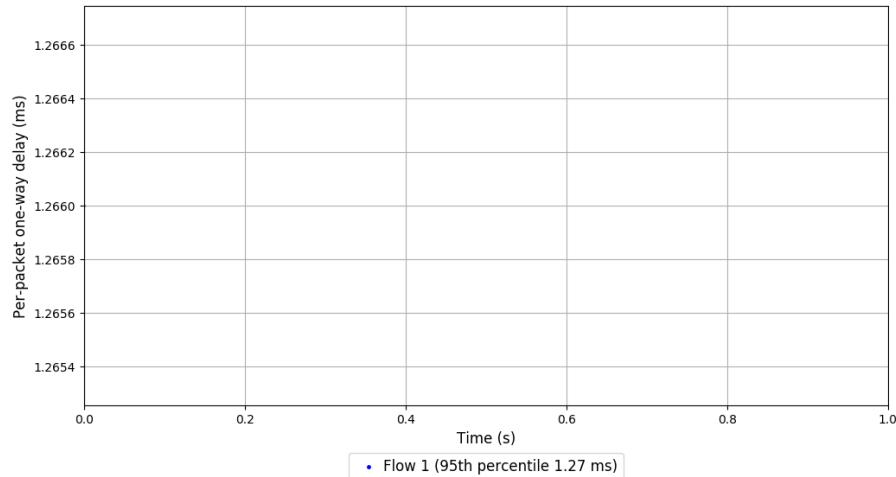
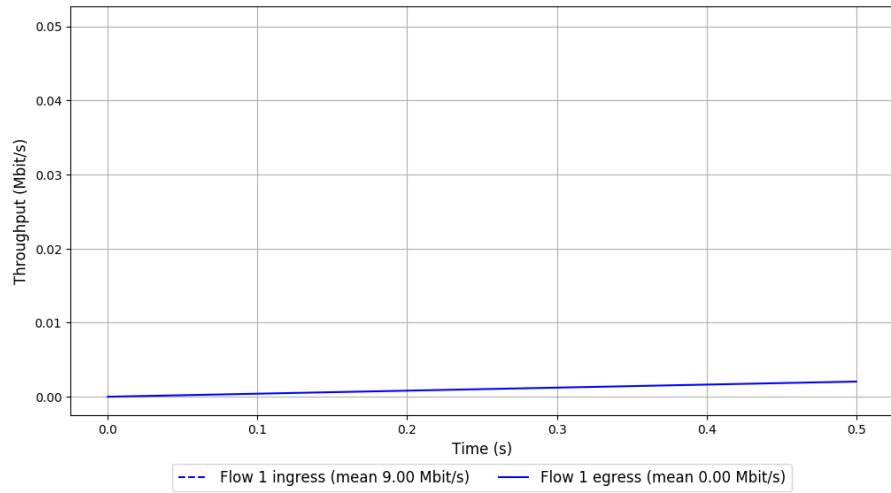
Start at: 2019-01-21 06:49:09

End at: 2019-01-21 06:49:39

Local clock offset: 3.276 ms

Remote clock offset: 7.663 ms

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

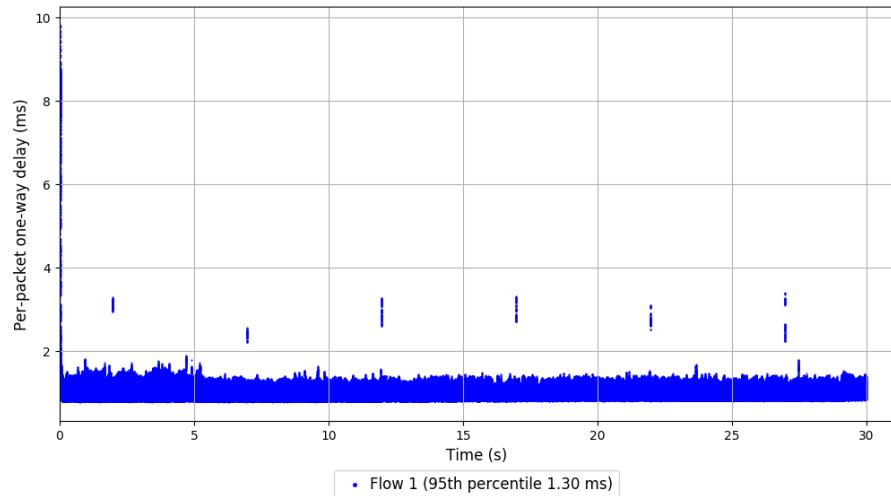
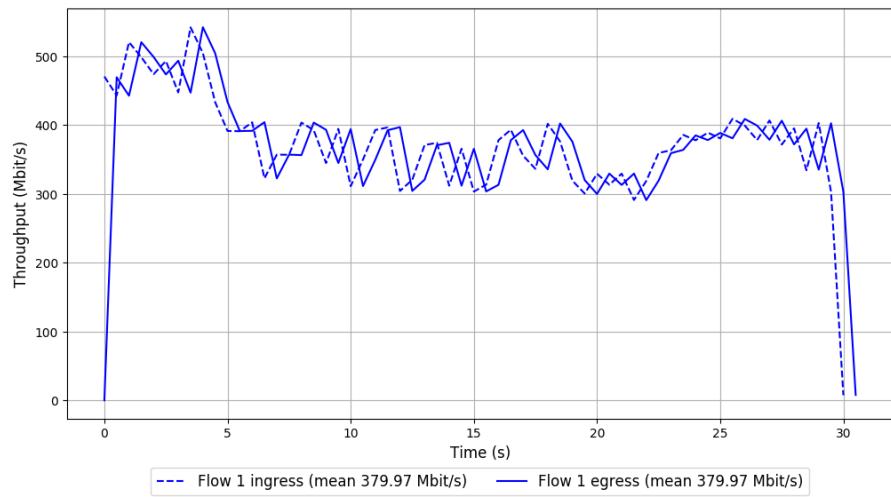


Run 1: Statistics of TCP Vegas

```
Start at: 2019-01-21 05:11:08
End at: 2019-01-21 05:11:38
Local clock offset: 3.989 ms
Remote clock offset: -5.055 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 379.97 Mbit/s
95th percentile per-packet one-way delay: 1.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 379.97 Mbit/s
95th percentile per-packet one-way delay: 1.301 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

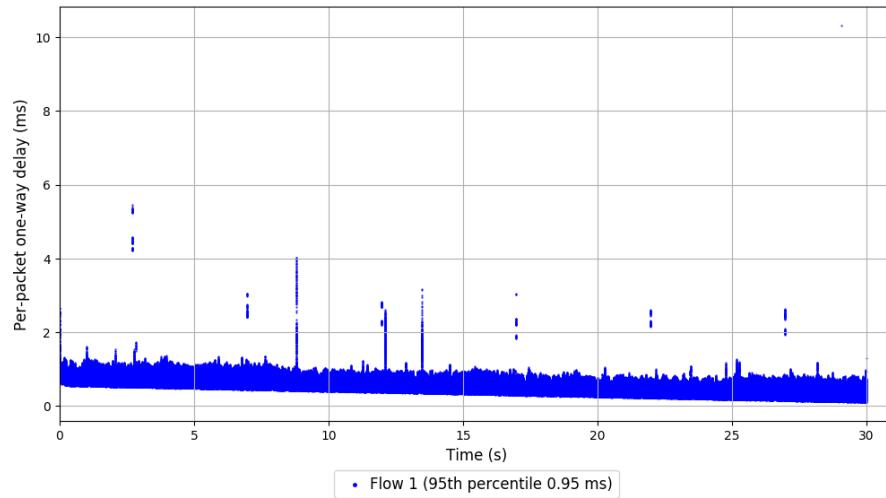
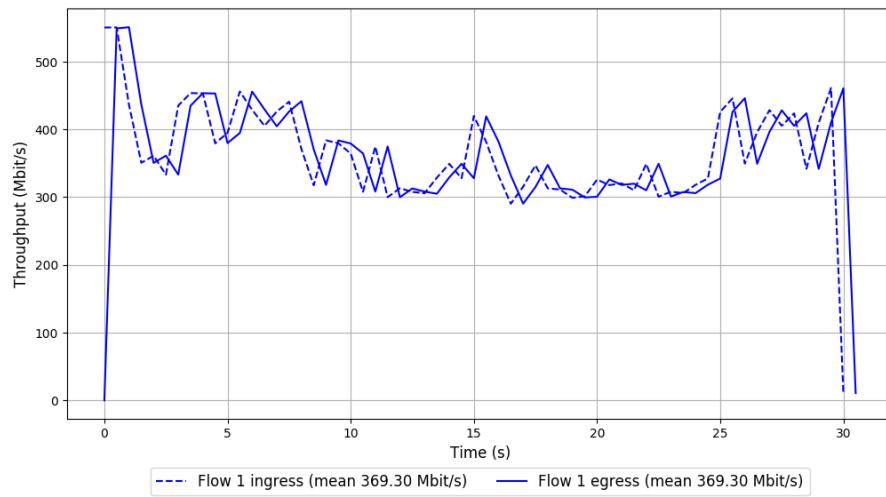


Run 2: Statistics of TCP Vegas

```
Start at: 2019-01-21 05:40:01
End at: 2019-01-21 05:40:31
Local clock offset: 3.748 ms
Remote clock offset: -3.86 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 369.30 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 369.30 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

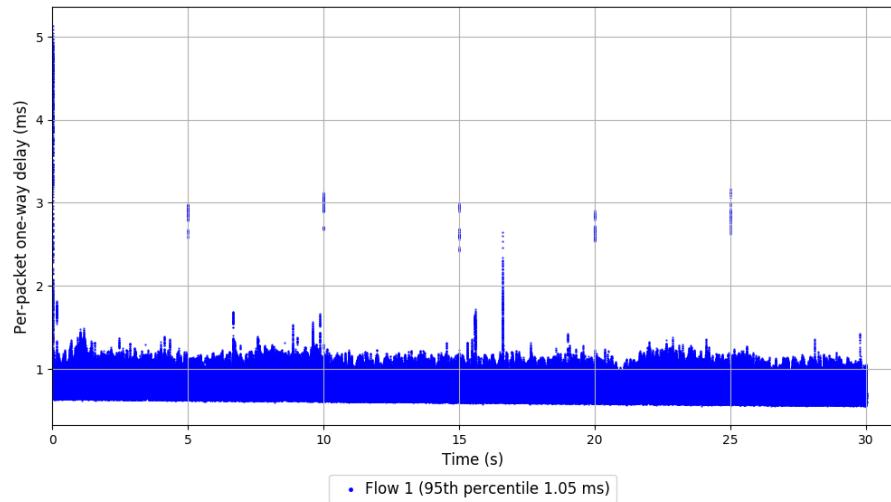
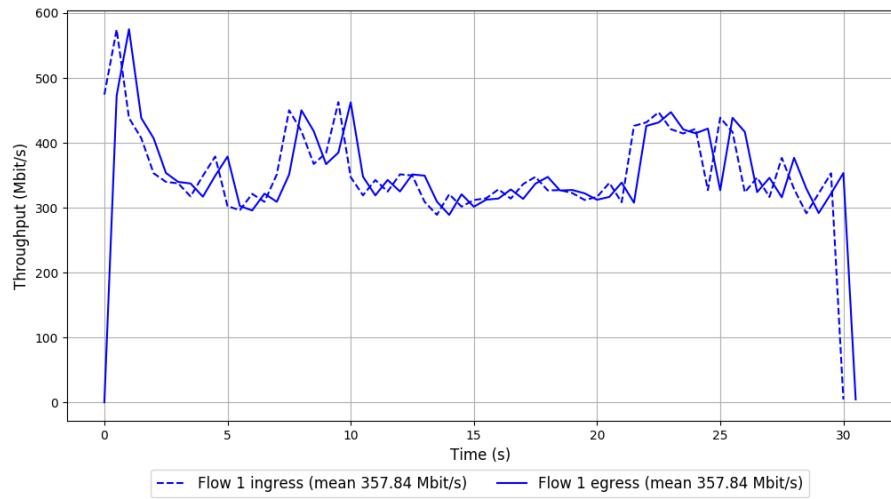


Run 3: Statistics of TCP Vegas

```
Start at: 2019-01-21 06:08:53
End at: 2019-01-21 06:09:23
Local clock offset: 2.802 ms
Remote clock offset: 6.576 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 357.84 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 357.84 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

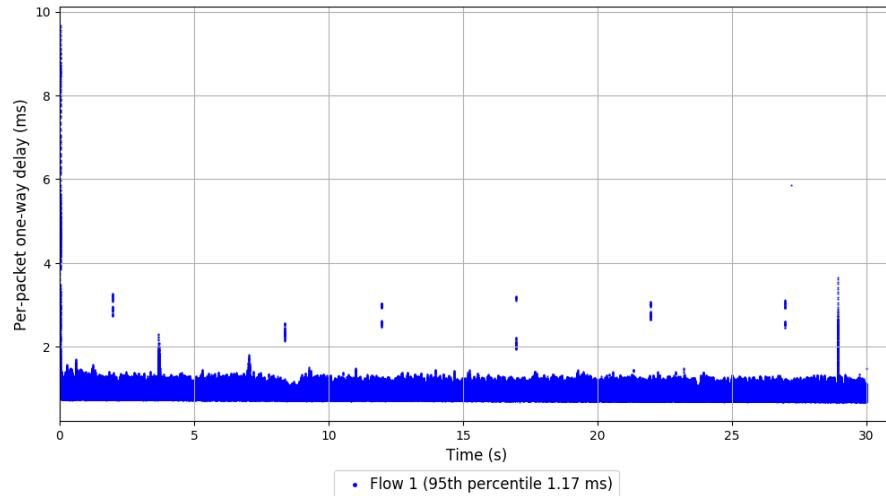
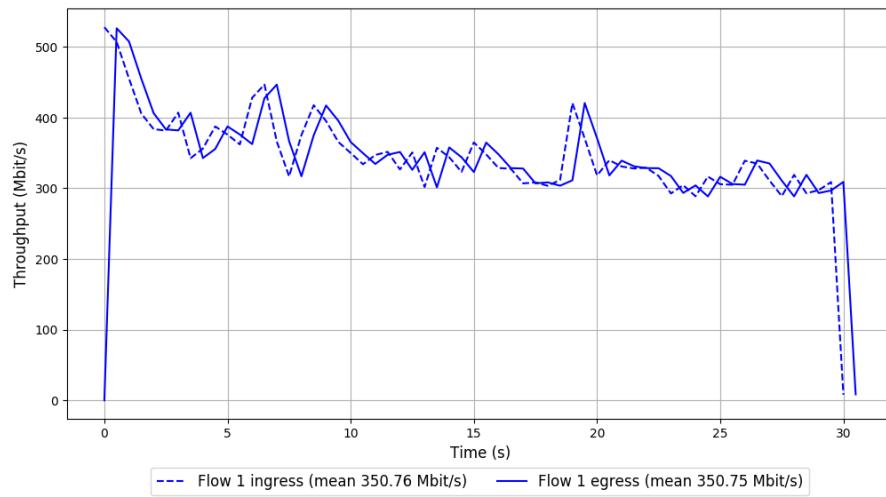


Run 4: Statistics of TCP Vegas

```
Start at: 2019-01-21 06:37:46
End at: 2019-01-21 06:38:16
Local clock offset: 3.205 ms
Remote clock offset: 10.372 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 350.75 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.75 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

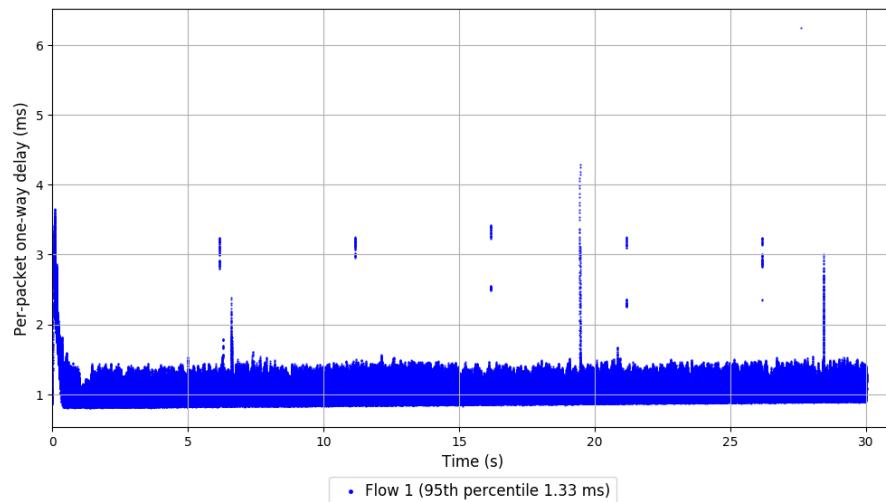
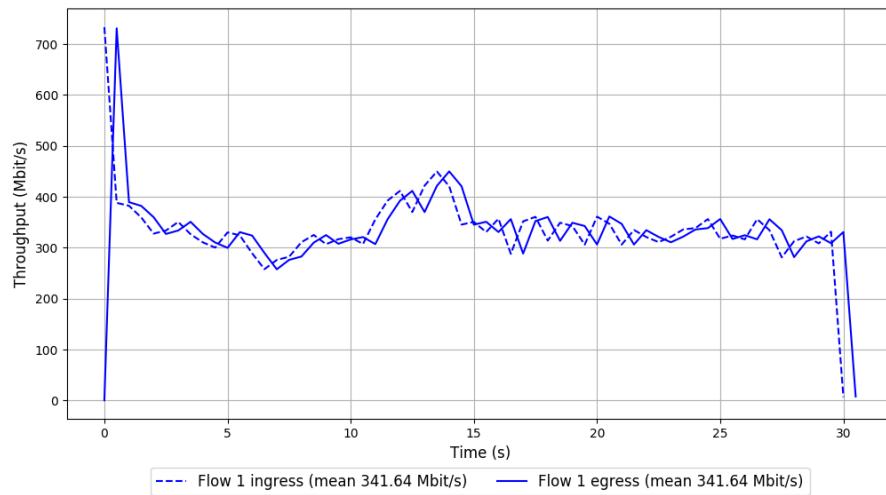


Run 5: Statistics of TCP Vegas

```
Start at: 2019-01-21 07:06:40
End at: 2019-01-21 07:07:10
Local clock offset: 2.577 ms
Remote clock offset: -0.378 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 341.64 Mbit/s
95th percentile per-packet one-way delay: 1.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 341.64 Mbit/s
95th percentile per-packet one-way delay: 1.328 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

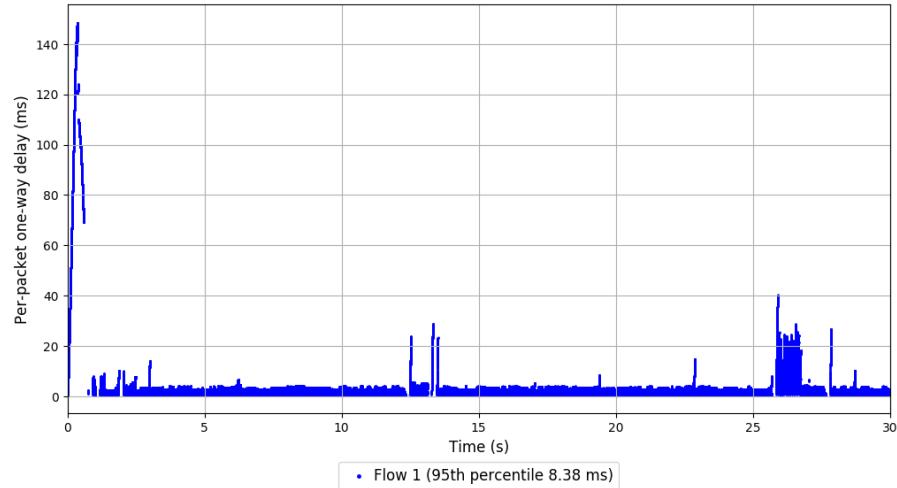
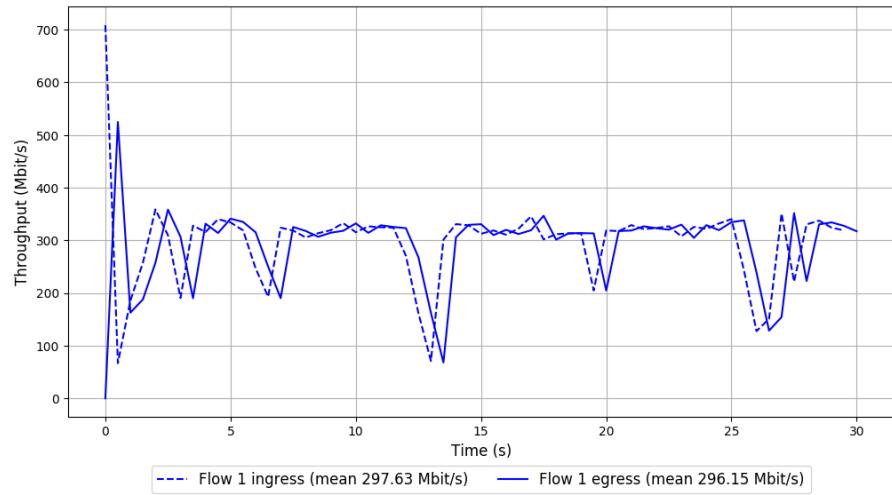


Run 1: Statistics of Verus

```
Start at: 2019-01-21 05:00:04
End at: 2019-01-21 05:00:34
Local clock offset: 3.956 ms
Remote clock offset: -4.522 ms

# Below is generated by plot.py at 2019-01-21 08:07:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 296.15 Mbit/s
95th percentile per-packet one-way delay: 8.385 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 296.15 Mbit/s
95th percentile per-packet one-way delay: 8.385 ms
Loss rate: 0.49%
```

Run 1: Report of Verus — Data Link

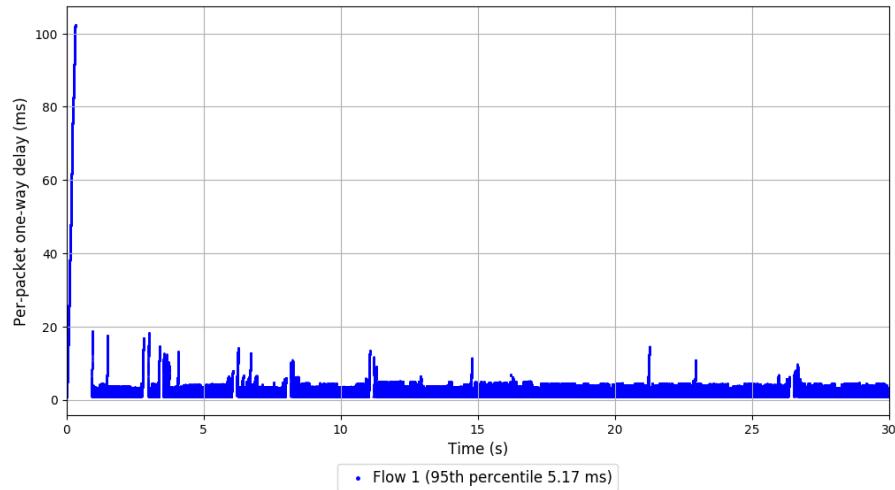
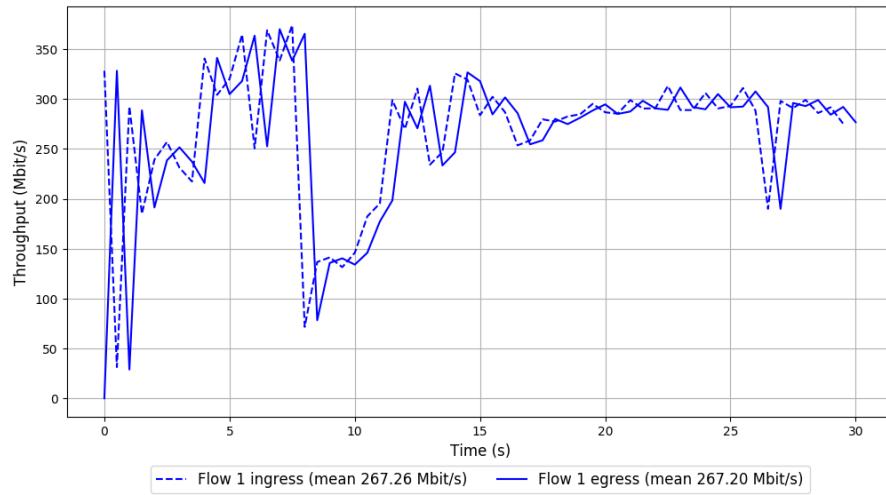


Run 2: Statistics of Verus

```
Start at: 2019-01-21 05:29:07
End at: 2019-01-21 05:29:38
Local clock offset: 3.719 ms
Remote clock offset: -5.915 ms

# Below is generated by plot.py at 2019-01-21 08:08:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 267.20 Mbit/s
95th percentile per-packet one-way delay: 5.168 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 267.20 Mbit/s
95th percentile per-packet one-way delay: 5.168 ms
Loss rate: 0.02%
```

Run 2: Report of Verus — Data Link

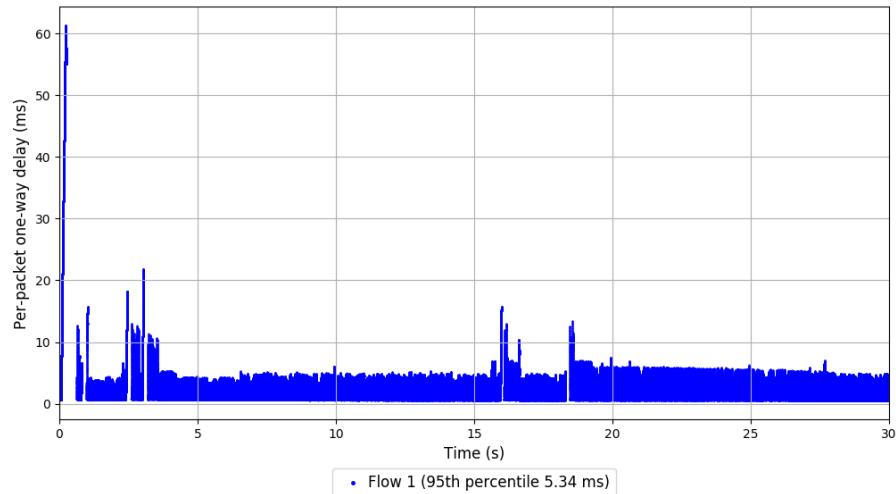
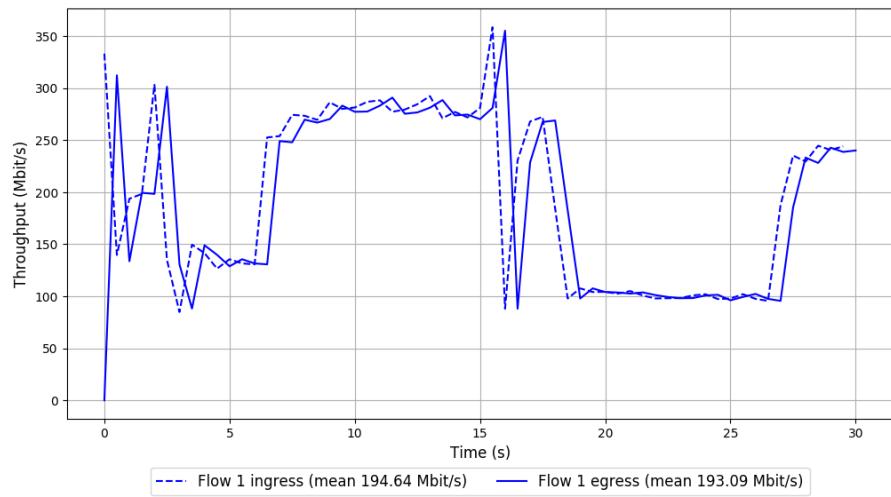


Run 3: Statistics of Verus

```
Start at: 2019-01-21 05:57:57
End at: 2019-01-21 05:58:27
Local clock offset: 3.079 ms
Remote clock offset: 4.602 ms

# Below is generated by plot.py at 2019-01-21 08:09:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.09 Mbit/s
95th percentile per-packet one-way delay: 5.337 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 193.09 Mbit/s
95th percentile per-packet one-way delay: 5.337 ms
Loss rate: 0.79%
```

Run 3: Report of Verus — Data Link

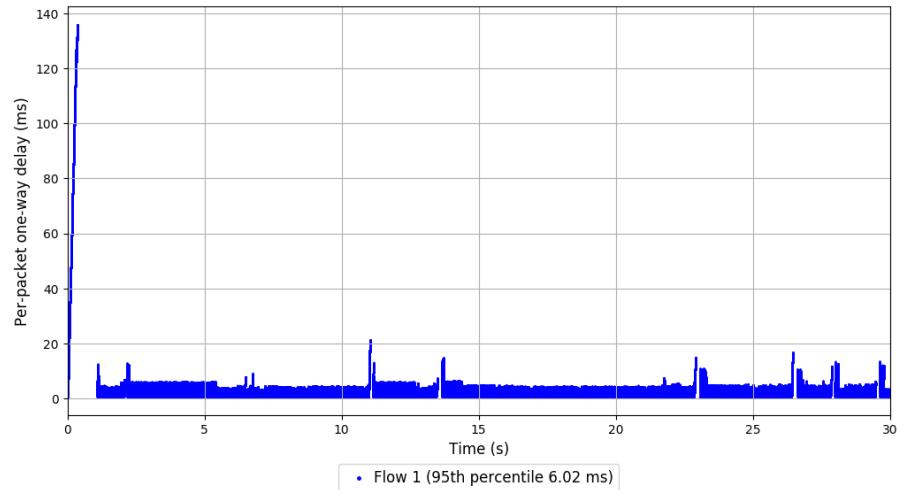
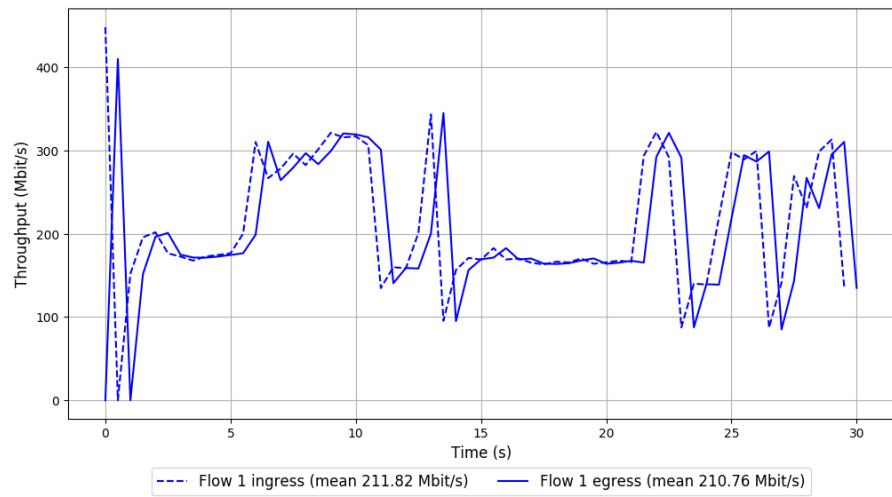


Run 4: Statistics of Verus

```
Start at: 2019-01-21 06:26:48
End at: 2019-01-21 06:27:18
Local clock offset: 3.031 ms
Remote clock offset: 8.973 ms

# Below is generated by plot.py at 2019-01-21 08:09:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.76 Mbit/s
95th percentile per-packet one-way delay: 6.019 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 210.76 Mbit/s
95th percentile per-packet one-way delay: 6.019 ms
Loss rate: 0.49%
```

Run 4: Report of Verus — Data Link

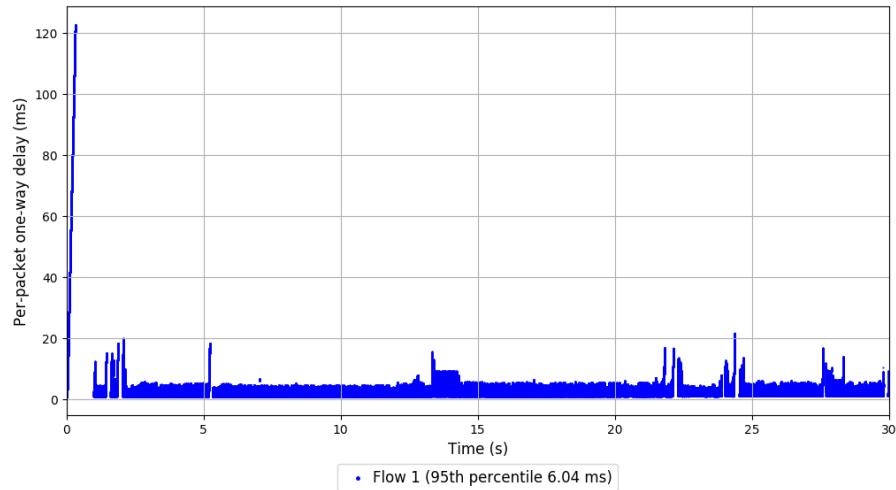
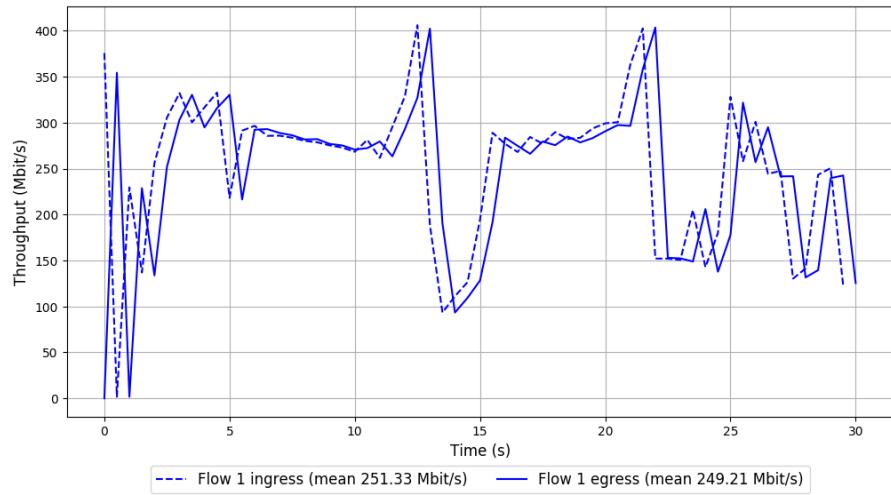


Run 5: Statistics of Verus

```
Start at: 2019-01-21 06:55:49
End at: 2019-01-21 06:56:19
Local clock offset: 2.877 ms
Remote clock offset: 3.003 ms

# Below is generated by plot.py at 2019-01-21 08:10:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.21 Mbit/s
95th percentile per-packet one-way delay: 6.040 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 249.21 Mbit/s
95th percentile per-packet one-way delay: 6.040 ms
Loss rate: 0.84%
```

Run 5: Report of Verus — Data Link

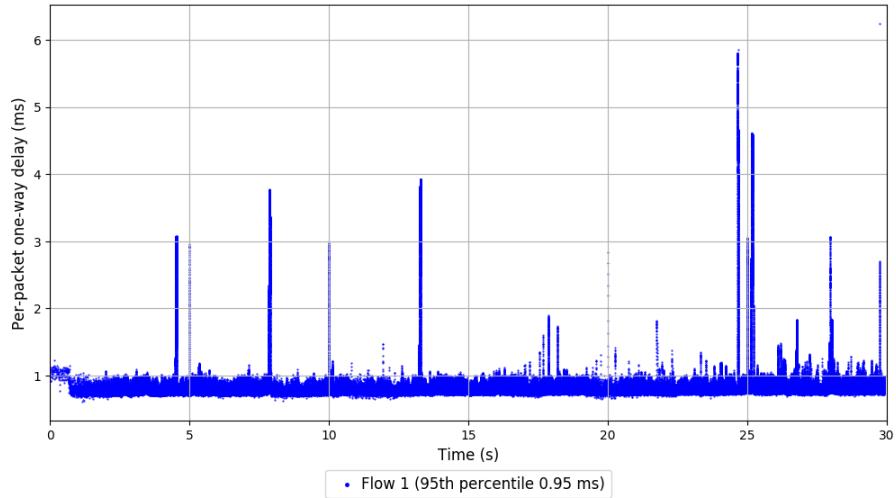
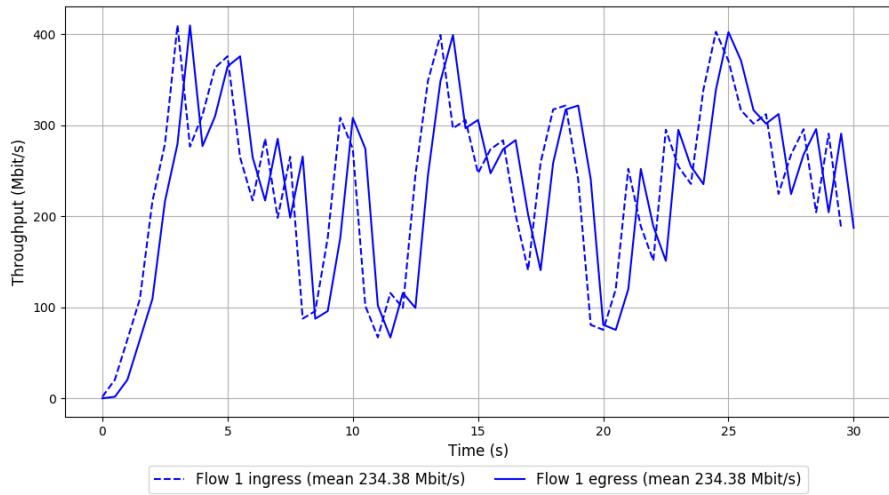


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-01-21 04:58:40
End at: 2019-01-21 04:59:10
Local clock offset: 3.989 ms
Remote clock offset: -4.443 ms

# Below is generated by plot.py at 2019-01-21 08:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 234.38 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 234.38 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

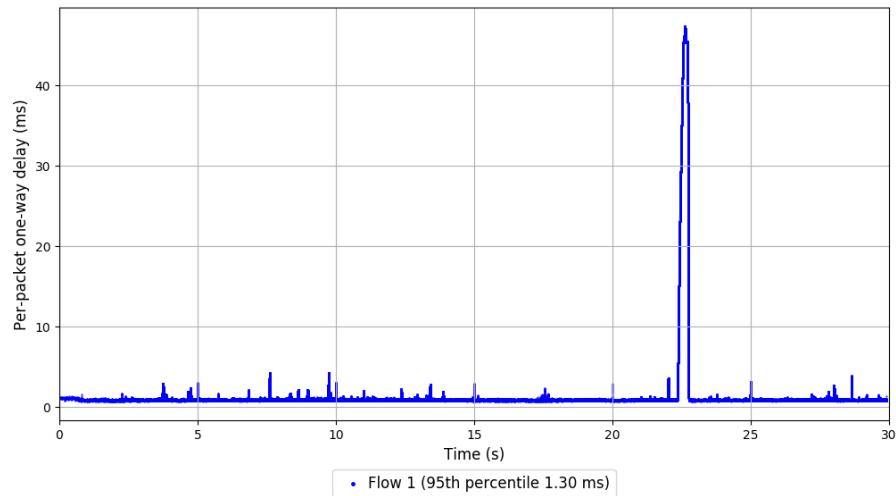
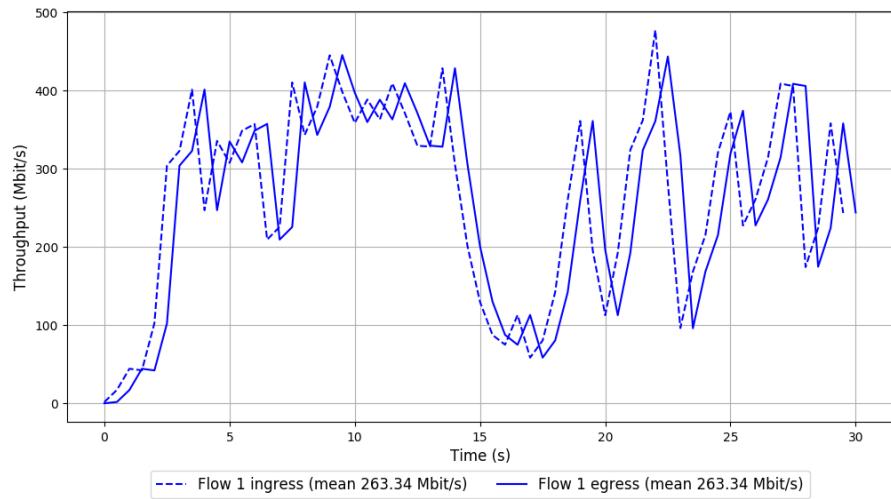


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-01-21 05:27:43
End at: 2019-01-21 05:28:13
Local clock offset: 3.742 ms
Remote clock offset: -5.959 ms

# Below is generated by plot.py at 2019-01-21 08:10:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 263.34 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.34 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

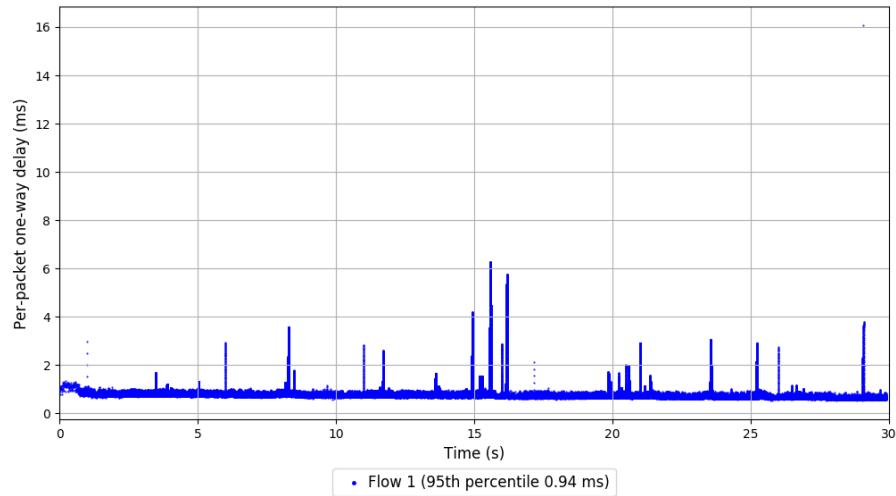
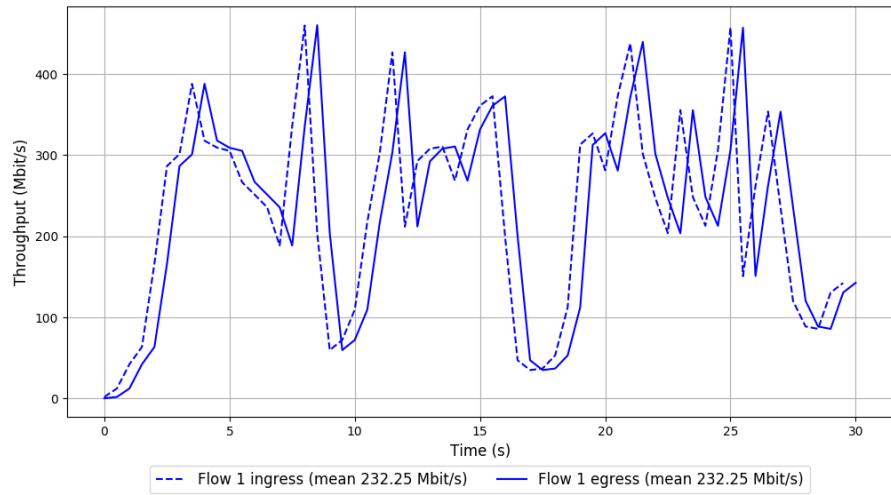


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-01-21 05:56:33
End at: 2019-01-21 05:57:03
Local clock offset: 3.149 ms
Remote clock offset: 4.36 ms

# Below is generated by plot.py at 2019-01-21 08:10:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 232.25 Mbit/s
95th percentile per-packet one-way delay: 0.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.25 Mbit/s
95th percentile per-packet one-way delay: 0.941 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

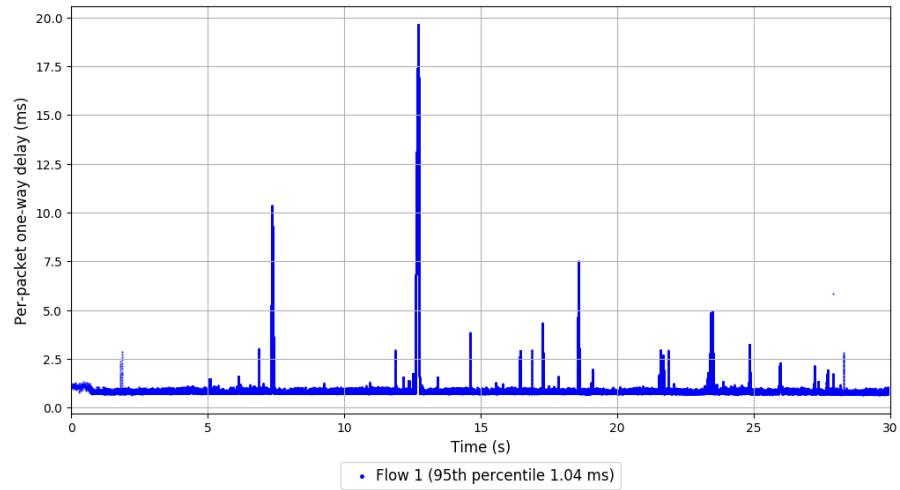
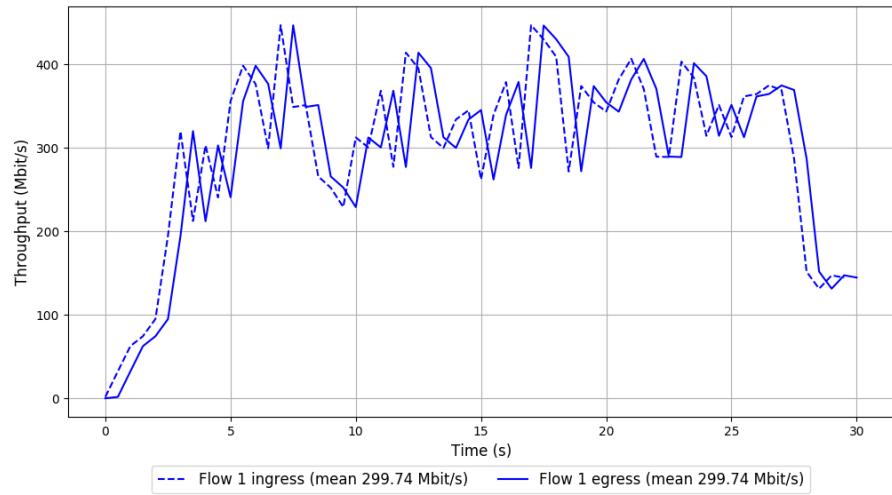


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-01-21 06:25:22
End at: 2019-01-21 06:25:52
Local clock offset: 2.978 ms
Remote clock offset: 8.845 ms

# Below is generated by plot.py at 2019-01-21 08:10:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 299.74 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 299.74 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

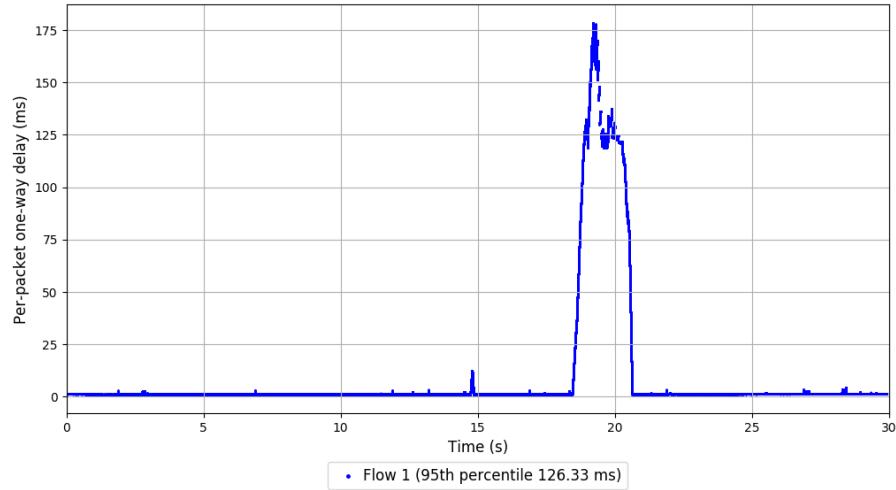
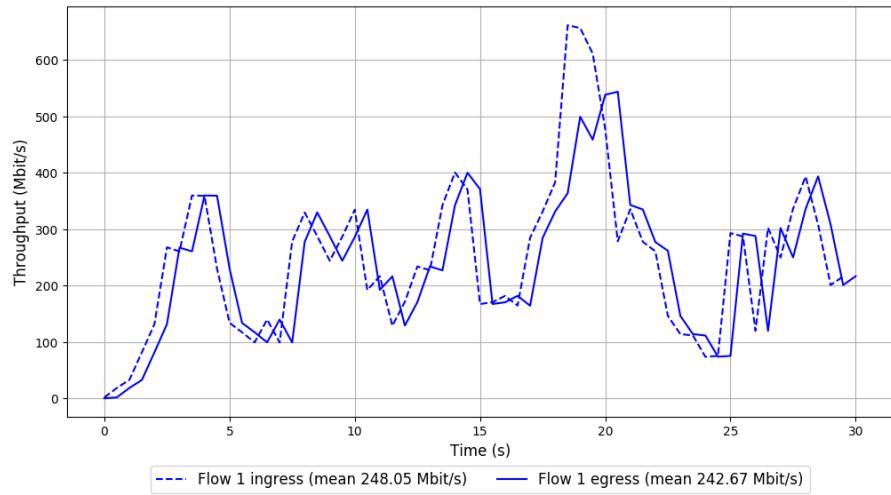


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-01-21 06:54:25
End at: 2019-01-21 06:54:55
Local clock offset: 2.952 ms
Remote clock offset: 3.662 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 242.67 Mbit/s
95th percentile per-packet one-way delay: 126.326 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 242.67 Mbit/s
95th percentile per-packet one-way delay: 126.326 ms
Loss rate: 2.17%
```

Run 5: Report of PCC-Vivace — Data Link

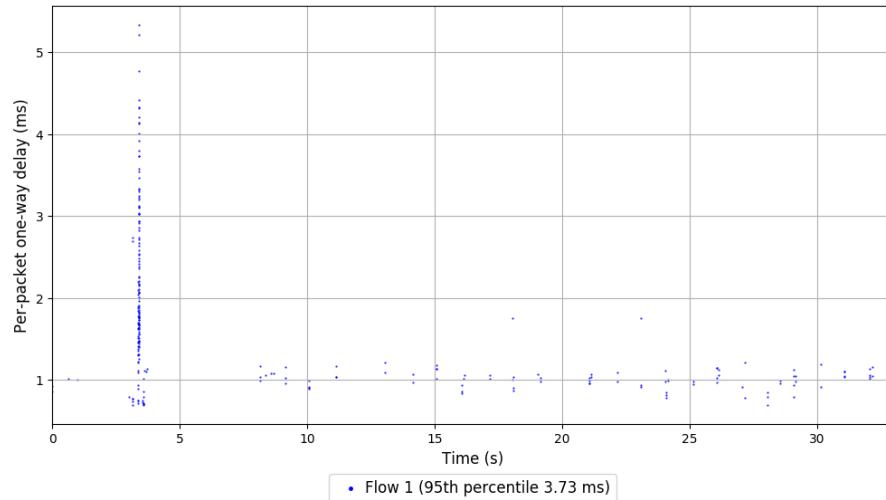
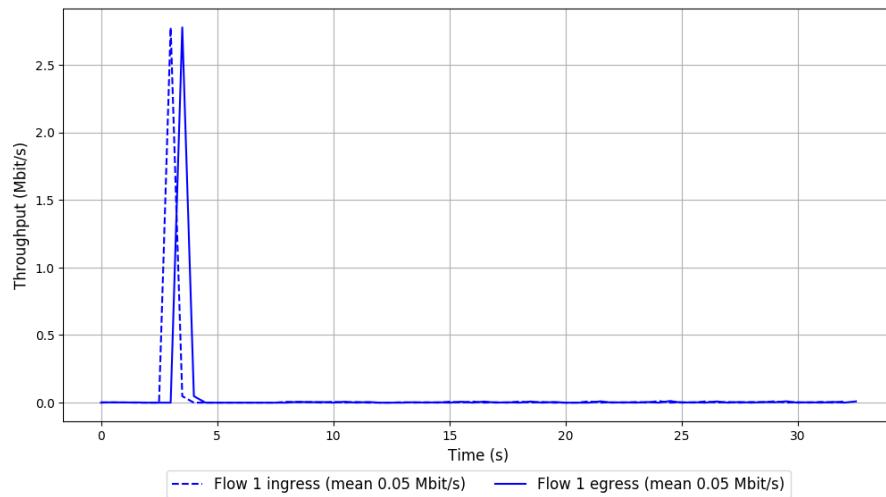


```
Run 1: Statistics of WebRTC media

Start at: 2019-01-21 04:55:52
End at: 2019-01-21 04:56:22
Local clock offset: 4.121 ms
Remote clock offset: -4.214 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

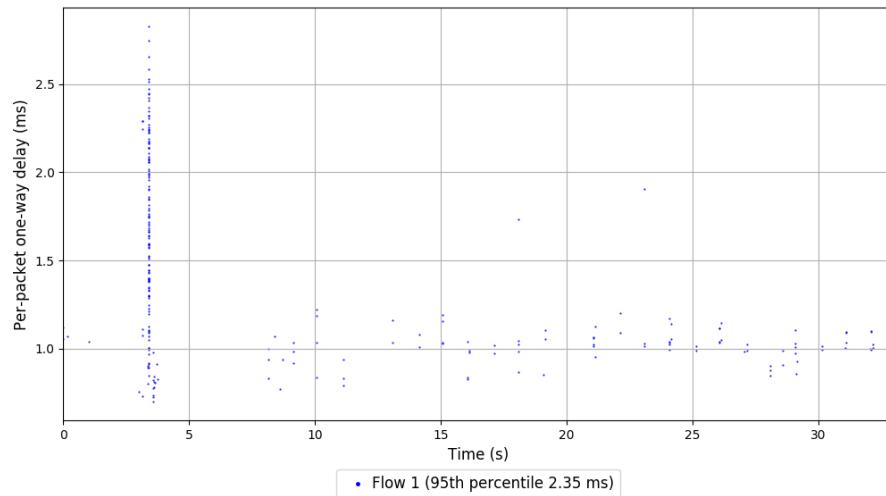
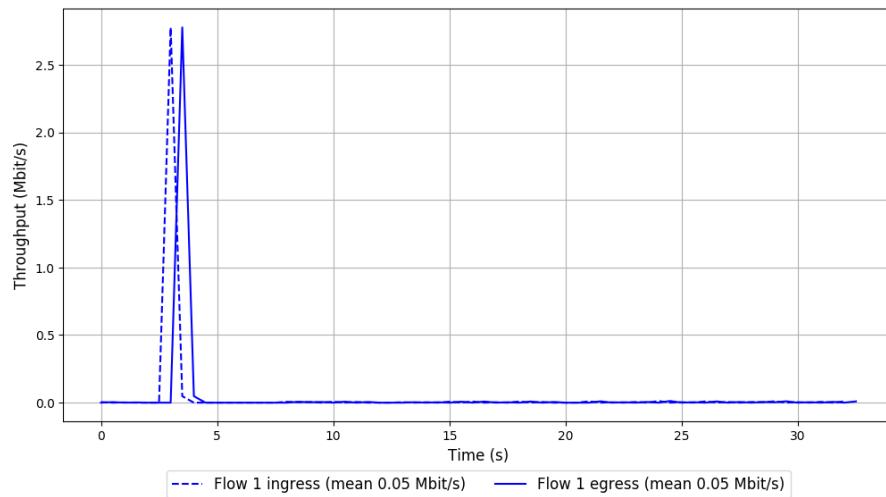


Run 2: Statistics of WebRTC media

```
Start at: 2019-01-21 05:24:53
End at: 2019-01-21 05:25:23
Local clock offset: 3.815 ms
Remote clock offset: -5.792 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

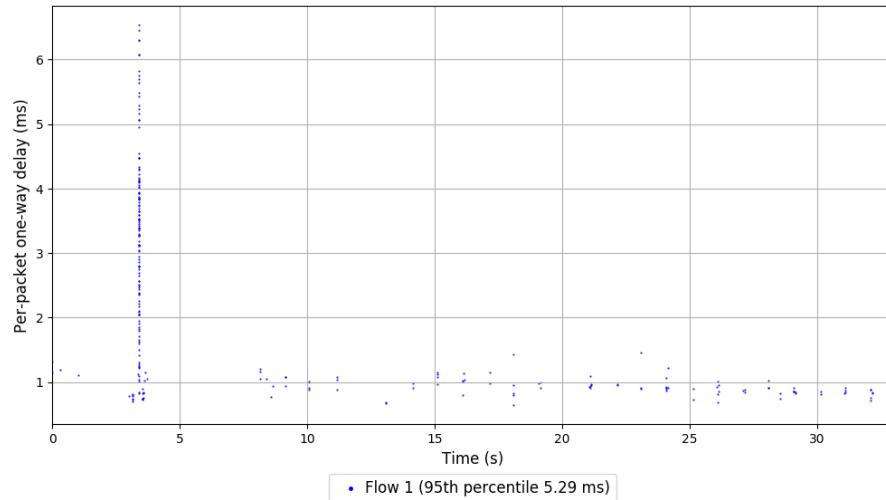
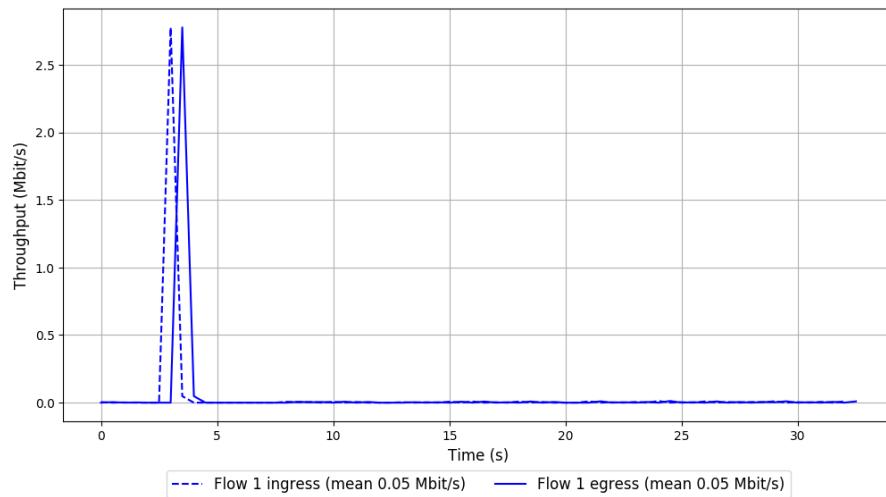


Run 3: Statistics of WebRTC media

```
Start at: 2019-01-21 05:53:44
End at: 2019-01-21 05:54:14
Local clock offset: 3.337 ms
Remote clock offset: 3.637 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.288 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

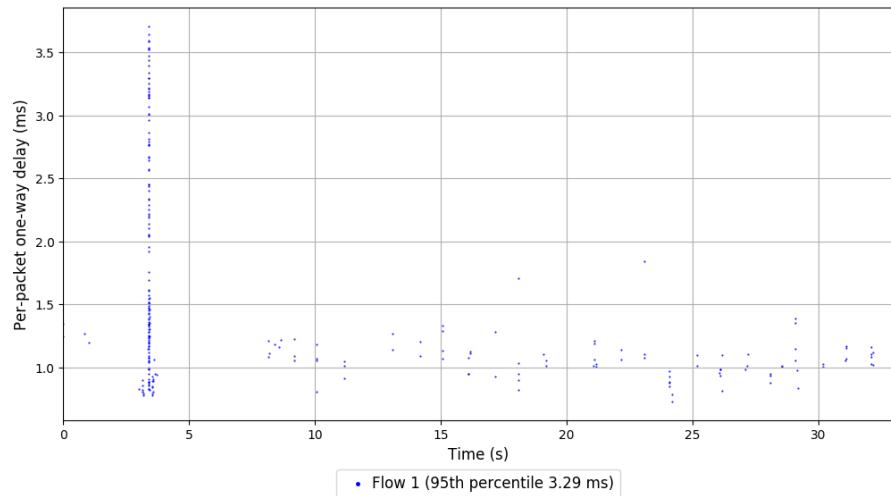
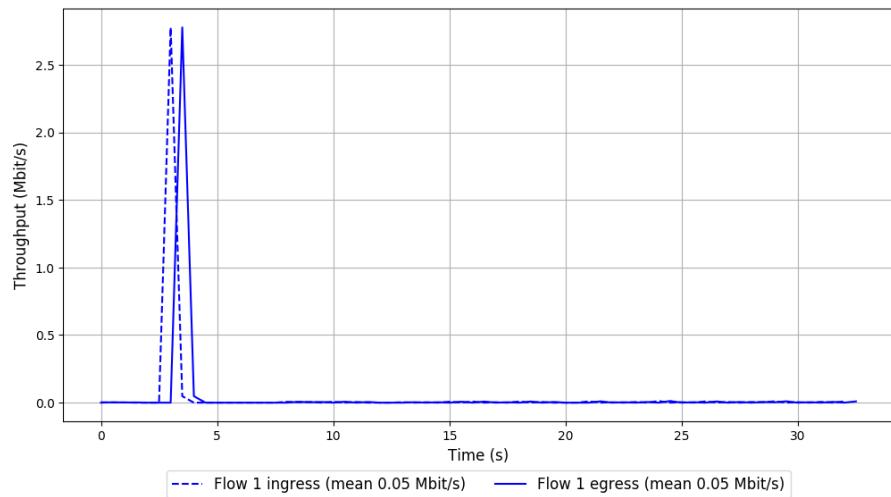


Run 4: Statistics of WebRTC media

```
Start at: 2019-01-21 06:22:32
End at: 2019-01-21 06:23:02
Local clock offset: 2.889 ms
Remote clock offset: 8.556 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.294 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-01-21 06:51:35
End at: 2019-01-21 06:52:05
Local clock offset: 3.081 ms
Remote clock offset: 5.568 ms

# Below is generated by plot.py at 2019-01-21 08:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.678 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

