

Pantheon Report

Generated at 2019-01-25 10:28:02 (UTC).
Data path: India cellular on ppp0 (*remote*) → AWS India 1 on ens5 (*local*).
Repeated the test of 21 congestion control schemes 3 times.
Each test lasted for 30 seconds running 1 flow.
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

System info:

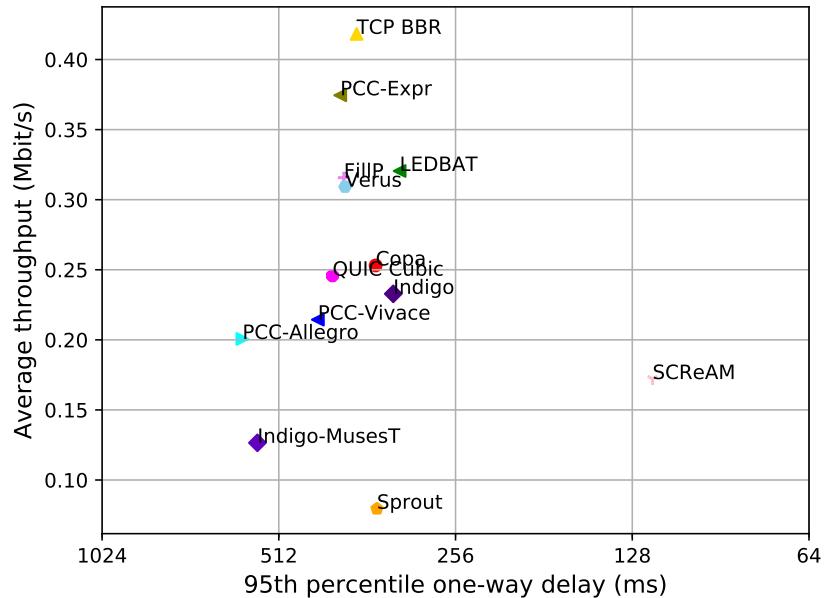
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

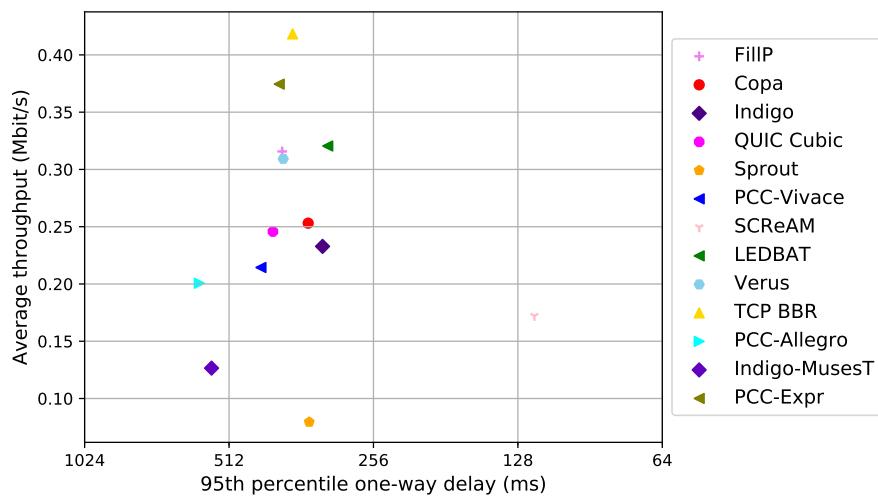
```
branch: muses @ 0b8e9a949603c3842368430acf469eec3b941f9f
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ d9c5ea33091330aca25ecd105ab2db6d34d5c40d
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from India cellular to AWS India 1, 3 runs of 30s each per scheme
(mean of all runs by scheme)



test from India cellular to AWS India 1, 3 runs of 30s each per scheme



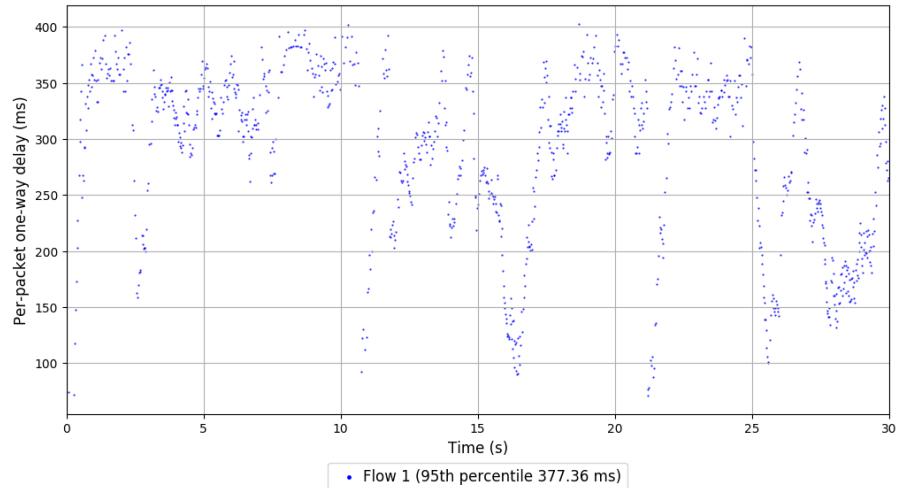
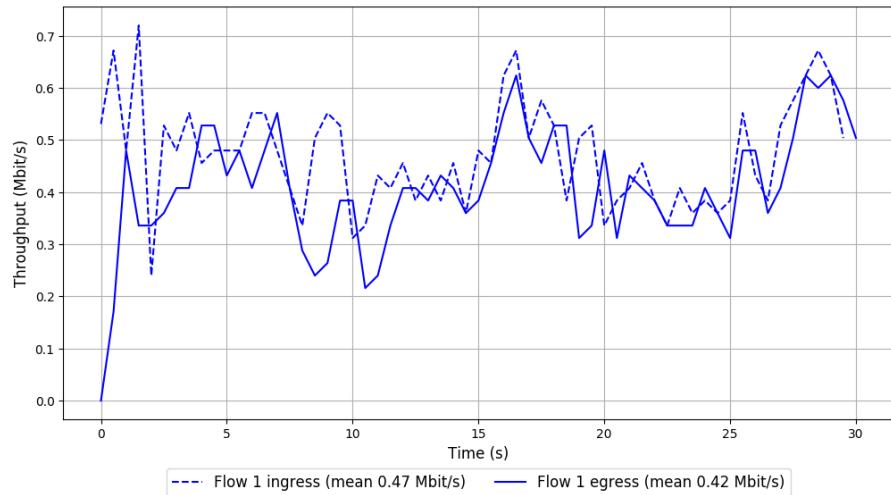
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	1	0.42	377.36	11.69
Copa	1	0.25	350.21	9.40
TCP Cubic	0	N/A	N/A	N/A
FillP	1	0.32	396.80	45.69
FillP-Sheep	0	N/A	N/A	N/A
Indigo	1	0.23	326.83	8.39
Indigo-MusesC3	0	N/A	N/A	N/A
Indigo-MusesC5	0	N/A	N/A	N/A
Indigo-MusesD	0	N/A	N/A	N/A
Indigo-MusesT	1	0.13	556.85	88.57
LEDBAT	1	0.32	318.83	0.37
PCC-Allegro	1	0.20	590.57	97.85
PCC-Expr	1	0.37	402.40	93.83
QUIC Cubic	1	0.25	414.79	25.88
SCReAM	1	0.17	118.23	0.20
Sprout	1	0.08	348.44	10.88
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	0	N/A	N/A	N/A
Verus	1	0.31	394.76	66.01
PCC-Vivace	1	0.21	439.35	83.20
WebRTC media	0	N/A	N/A	N/A

Run 1: Statistics of TCP BBR

```
Start at: 2019-01-25 09:07:41
End at: 2019-01-25 09:08:11
Local clock offset: -0.88 ms
Remote clock offset: -6.09 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 377.357 ms
Loss rate: 11.69%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 377.357 ms
Loss rate: 11.69%
```

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/bbr_stats_1

Run 2: Report of TCP BBR — Data Link

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Run 3: Statistics of TCP BBR

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/bbr_stats_1

Run 3: Report of TCP BBR — Data Link

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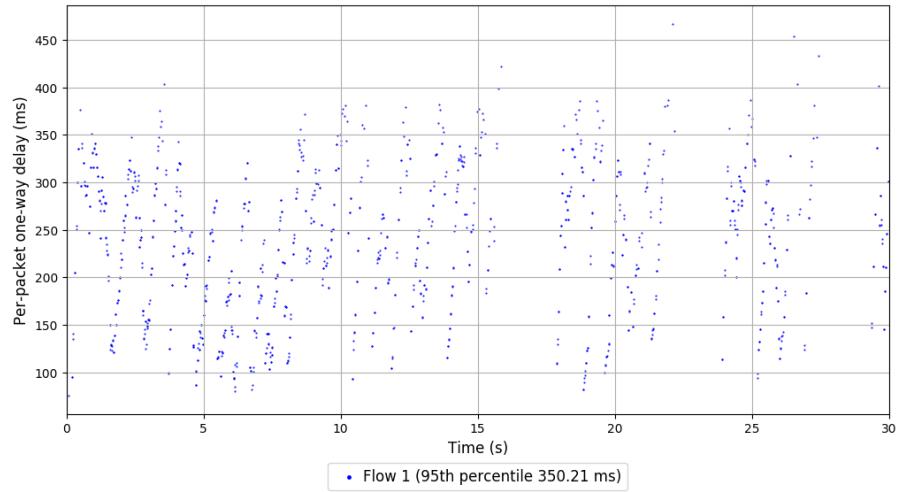
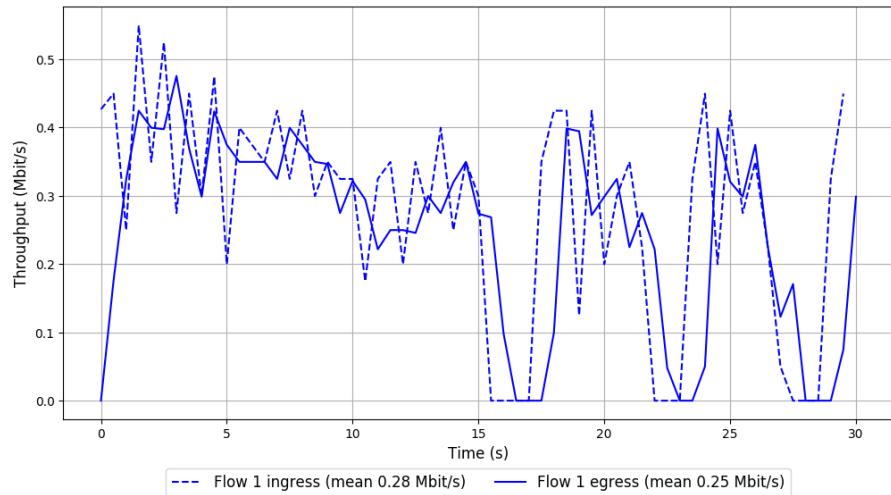
Figure is missing

Run 1: Statistics of Copa

```
Start at: 2019-01-25 09:05:26
End at: 2019-01-25 09:05:56
Local clock offset: -1.238 ms
Remote clock offset: -3.709 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 350.215 ms
Loss rate: 9.40%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 350.215 ms
Loss rate: 9.40%
```

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/copa_stats_

Run 2: Report of Copa — Data Link

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Run 3: Statistics of Copa

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/copa_stats_

Run 3: Report of Copa — Data Link

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Run 1: Statistics of TCP Cubic

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/cubic_stats

Run 1: Report of TCP Cubic — Data Link

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Run 2: Statistics of TCP Cubic

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/cubic_stats

Run 2: Report of TCP Cubic — Data Link

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Run 3: Statistics of TCP Cubic

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/cubic_stats

Run 3: Report of TCP Cubic — Data Link

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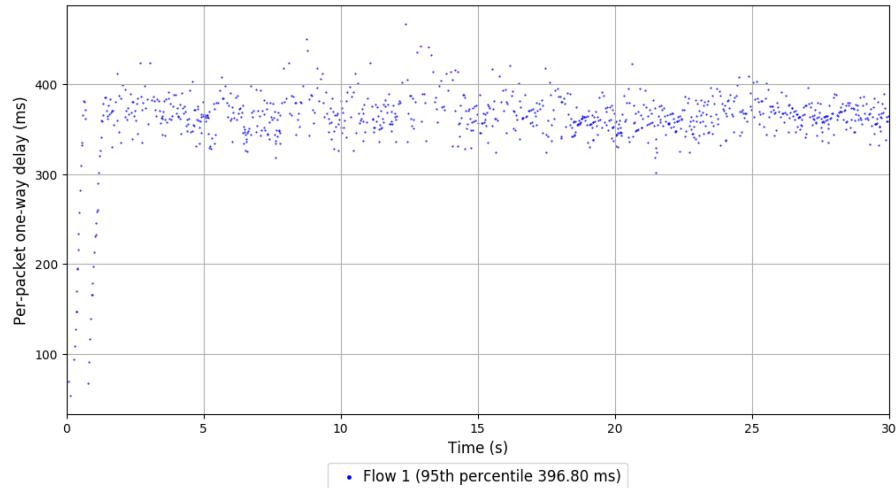
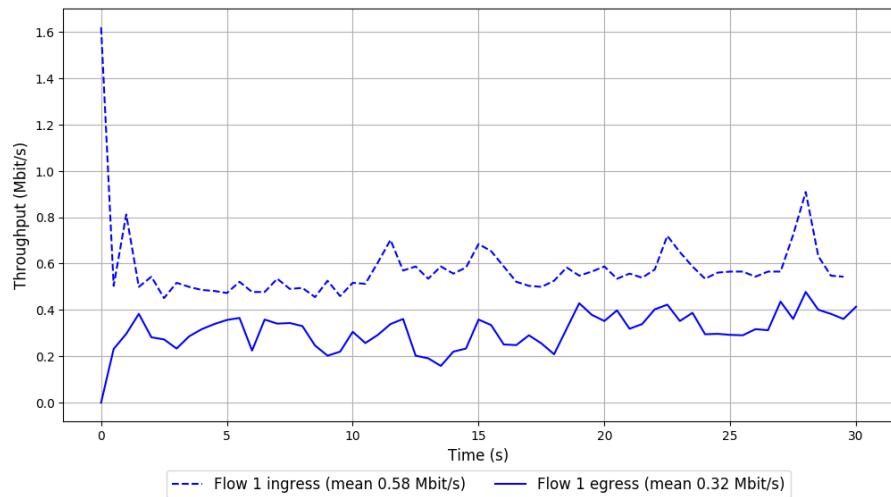
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```
Run 1: Statistics of FillP
```

```
Start at: 2019-01-25 09:03:14
End at: 2019-01-25 09:03:44
Local clock offset: 0.169 ms
Remote clock offset: -6.383 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 396.799 ms
Loss rate: 45.69%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 396.799 ms
Loss rate: 45.69%
```

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/fillp_stats

Run 2: Report of FillP — Data Link

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Run 3: Statistics of FillP

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/fillp_stats

Run 3: Report of FillP — Data Link

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Run 1: Statistics of FillP-Sheep

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/fillp_sheep

Run 1: Report of FillP-Sheep — Data Link

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Run 2: Statistics of FillP-Sheep

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/fillp_sheep

Run 2: Report of FillP-Sheep — Data Link

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Run 3: Statistics of FillP-Sheep

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/fillp_sheep

Run 3: Report of FillP-Sheep — Data Link

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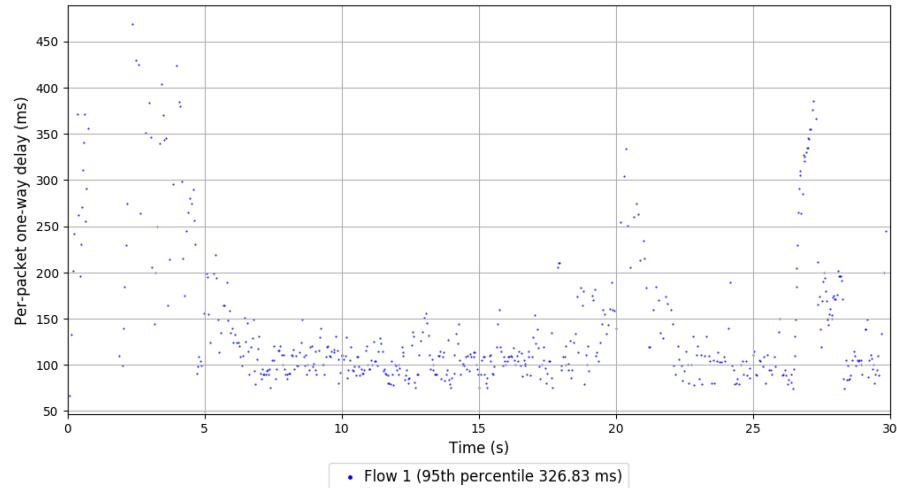
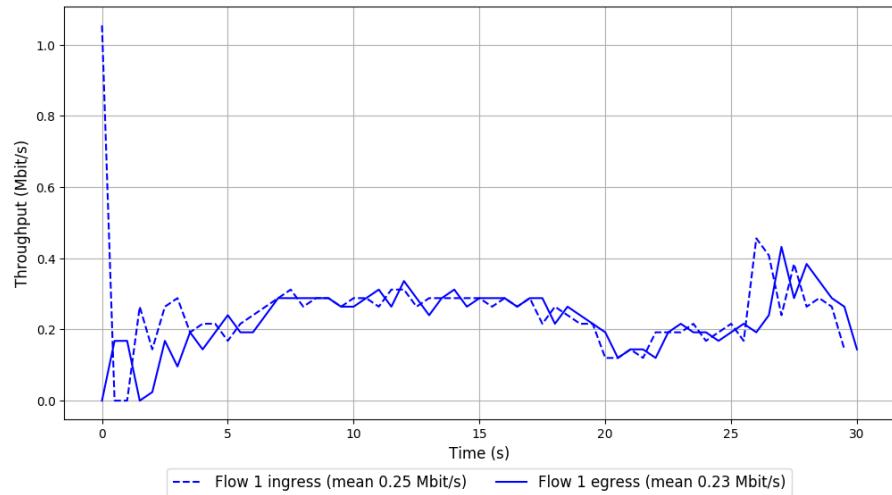
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Run 1: Statistics of Indigo

```
Start at: 2019-01-25 09:02:08
End at: 2019-01-25 09:02:38
Local clock offset: 1.038 ms
Remote clock offset: -5.157 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 326.829 ms
Loss rate: 8.39%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 326.829 ms
Loss rate: 8.39%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_stat

Run 2: Report of Indigo — Data Link

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Run 3: Statistics of Indigo

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_stat

Run 3: Report of Indigo — Data Link

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Run 1: Statistics of Indigo-MusesC3

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 1: Report of Indigo-MusesC3 — Data Link

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Run 2: Statistics of Indigo-MusesC3

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 2: Report of Indigo-MusesC3 — Data Link

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Run 3: Statistics of Indigo-MusesC3

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 3: Report of Indigo-MusesC3 — Data Link

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Run 1: Statistics of Indigo-MusesC5

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 1: Report of Indigo-MusesC5 — Data Link

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Run 2: Statistics of Indigo-MusesC5

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 2: Report of Indigo-MusesC5 — Data Link

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Run 3: Statistics of Indigo-MusesC5

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 3: Report of Indigo-MusesC5 — Data Link

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Run 1: Statistics of Indigo-MusesD

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 1: Report of Indigo-MusesD — Data Link

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Run 2: Statistics of Indigo-MusesD

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 2: Report of Indigo-MusesD — Data Link

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Run 3: Statistics of Indigo-MusesD

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 3: Report of Indigo-MusesD — Data Link

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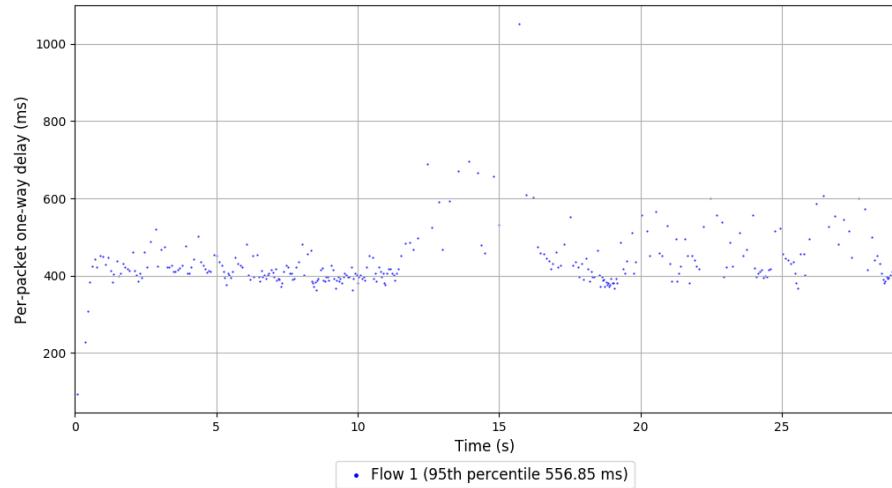
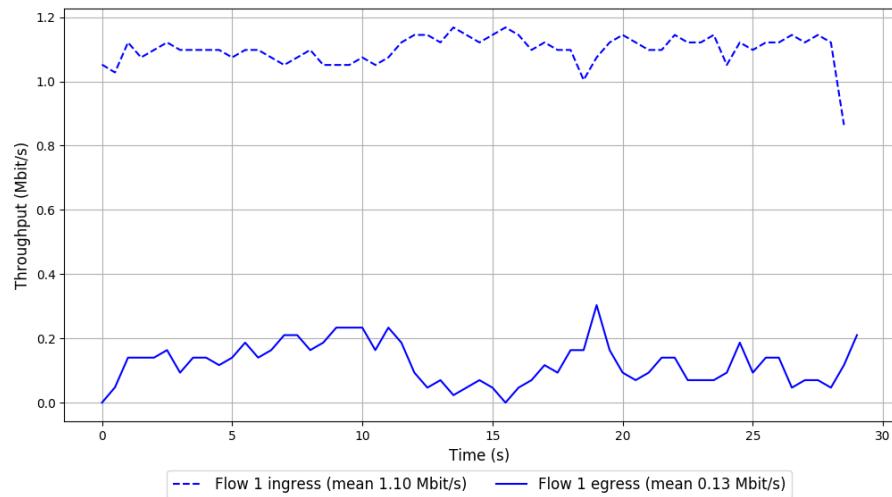
Figure is missing

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

```
Start at: 2019-01-25 08:58:50
End at: 2019-01-25 08:59:20
Local clock offset: 3.007 ms
Remote clock offset: -7.833 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 556.853 ms
Loss rate: 88.57%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 556.853 ms
Loss rate: 88.57%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 2: Report of Indigo-MusesT — Data Link

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Run 3: Statistics of Indigo-MusesT

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/indigo_muse

Run 3: Report of Indigo-MusesT — Data Link

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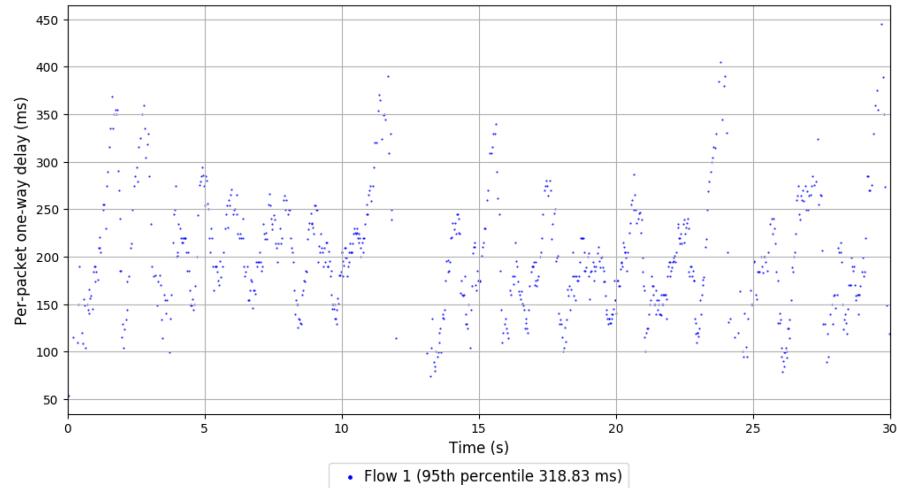
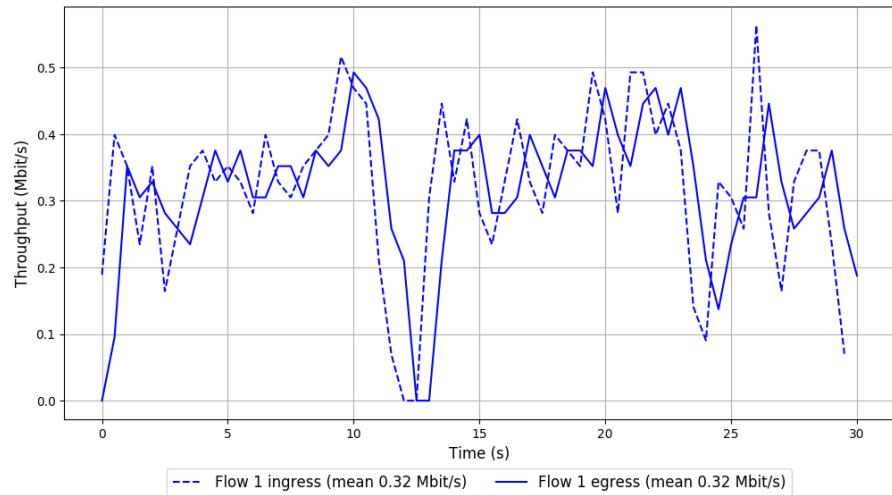
Figure is missing

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

```
Start at: 2019-01-25 09:04:20
End at: 2019-01-25 09:04:50
Local clock offset: -2.13 ms
Remote clock offset: -7.445 ms

# Below is generated by plot.py at 2019-01-25 10:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 318.834 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 318.834 ms
Loss rate: 0.37%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/ledbat_stat

Run 2: Report of LEDBAT — Data Link

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Run 3: Statistics of LEDBAT

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/ledbat_stat

Run 3: Report of LEDBAT — Data Link

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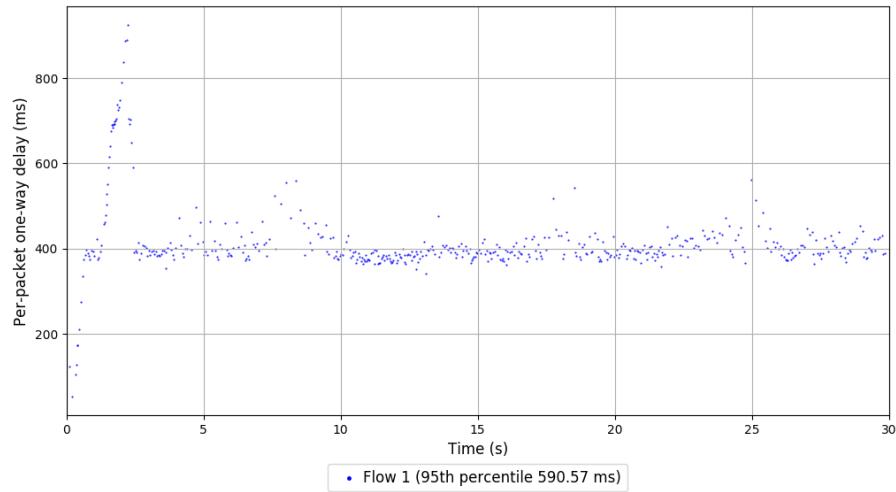
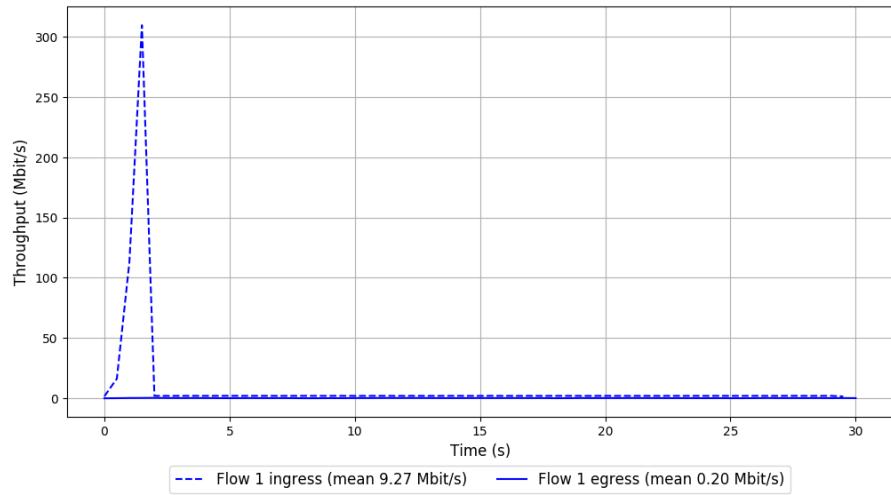
Figure is missing

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

```
Start at: 2019-01-25 09:11:22
End at: 2019-01-25 09:11:52
Local clock offset: -2.107 ms
Remote clock offset: -4.798 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 590.568 ms
Loss rate: 97.85%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 590.568 ms
Loss rate: 97.85%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/pcc_stats_1

Run 2: Report of PCC-Allegro — Data Link

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Run 3: Statistics of PCC-Allegro

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/pcc_stats_1

Run 3: Report of PCC-Allegro — Data Link

Figure is missing

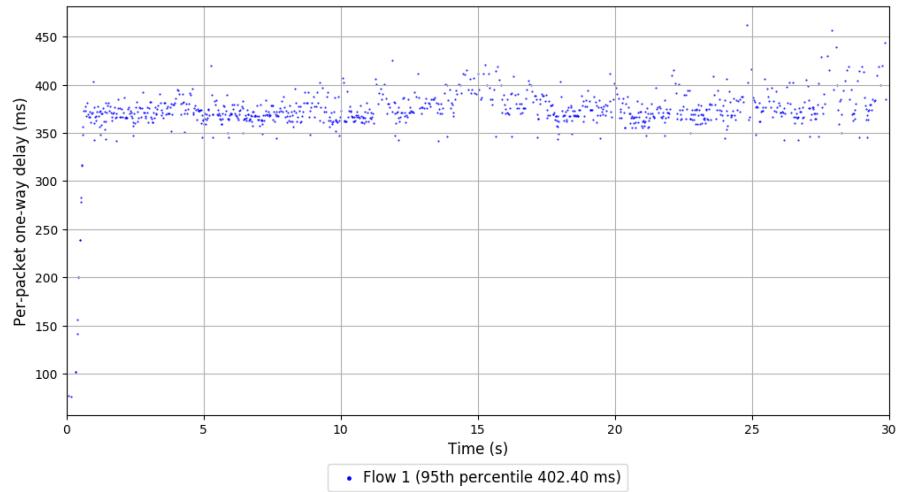
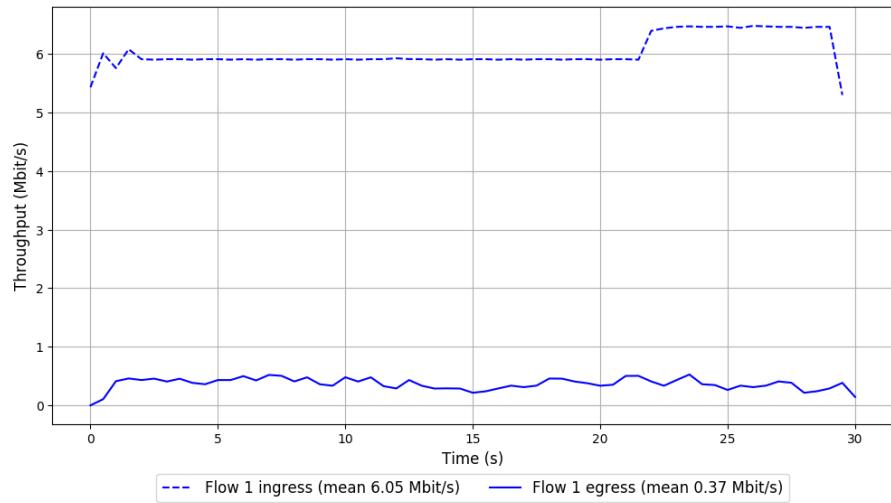
Figure is missing

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

```
Start at: 2019-01-25 09:08:47
End at: 2019-01-25 09:09:17
Local clock offset: -1.104 ms
Remote clock offset: -5.995 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 402.403 ms
Loss rate: 93.83%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 402.403 ms
Loss rate: 93.83%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/pcc_experim

Run 2: Report of PCC-Expr — Data Link

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Run 3: Statistics of PCC-Expr

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/pcc_experim

Run 3: Report of PCC-Expr — Data Link

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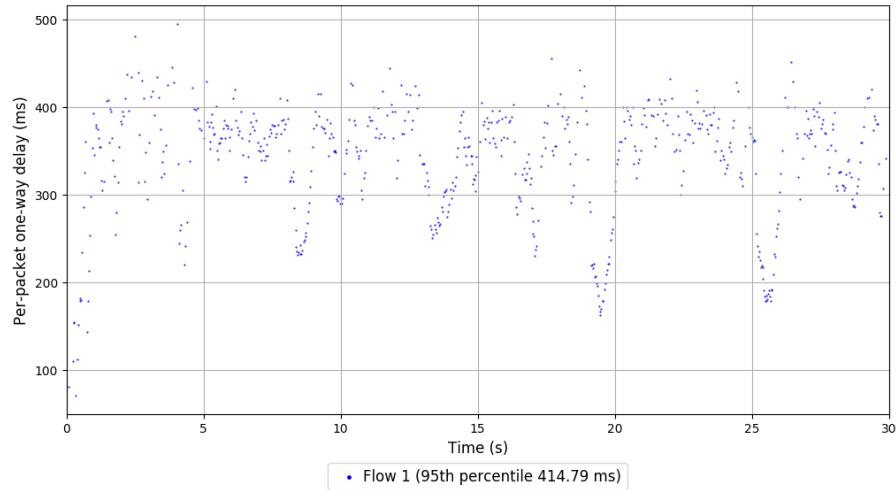
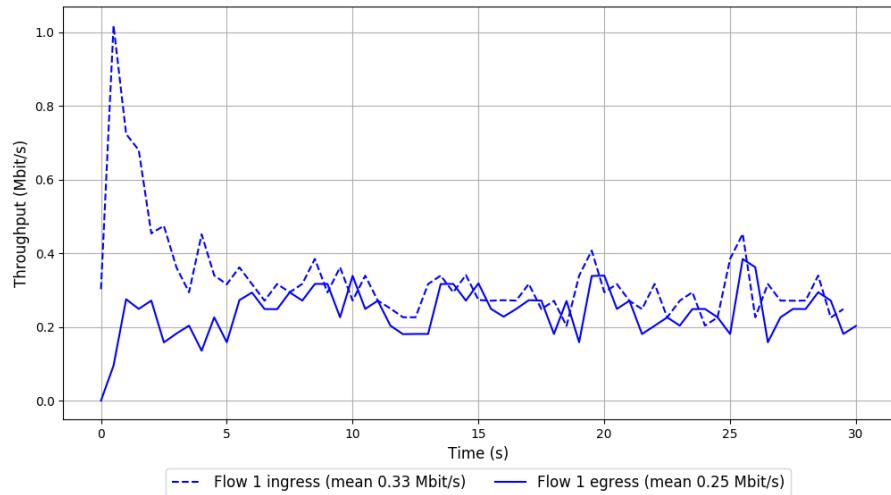
Figure is missing

```
Run 1: Statistics of QUIC Cubic

Start at: 2019-01-25 09:06:33
End at: 2019-01-25 09:07:03
Local clock offset: -0.848 ms
Remote clock offset: -4.778 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 414.791 ms
Loss rate: 25.88%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 414.791 ms
Loss rate: 25.88%
```

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/quic_stats_

Run 2: Report of QUIC Cubic — Data Link

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Run 3: Statistics of QUIC Cubic

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/quic_stats_

Run 3: Report of QUIC Cubic — Data Link

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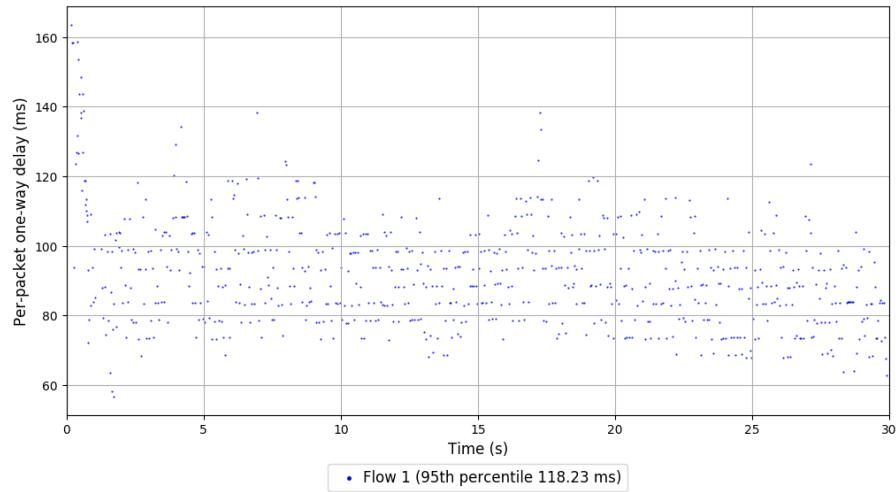
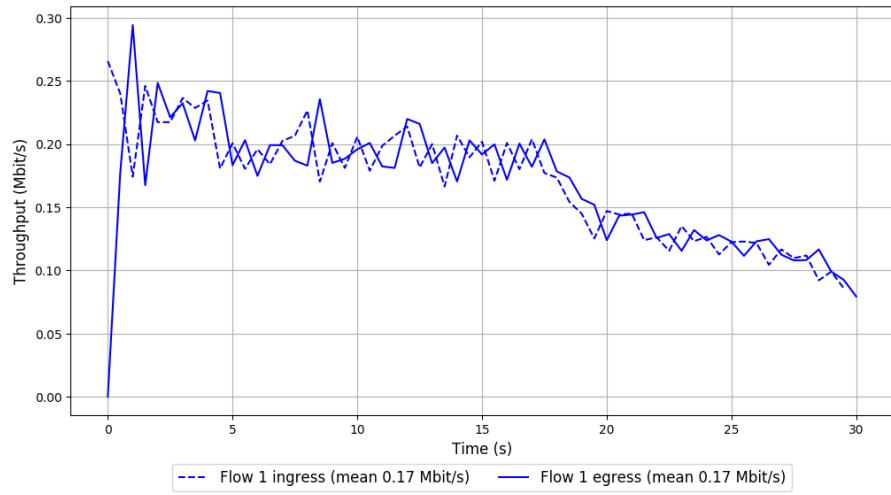
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```
Run 1: Statistics of SCReAM

Start at: 2019-01-25 08:59:56
End at: 2019-01-25 09:00:26
Local clock offset: 1.058 ms
Remote clock offset: -9.784 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 118.233 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 118.233 ms
Loss rate: 0.20%
```

Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/scream_stat

Run 2: Report of SCReAM — Data Link

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Run 3: Statistics of SCReAM

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/scream_stat

Run 3: Report of SCReAM — Data Link

Figure is missing

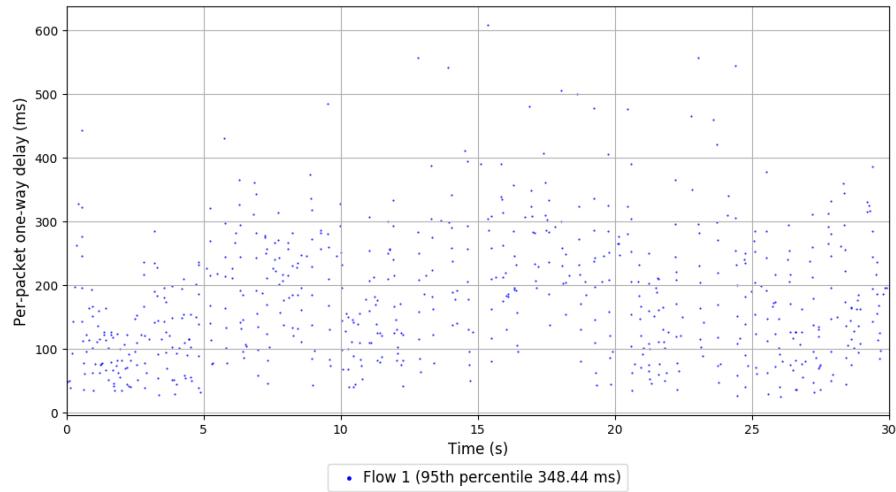
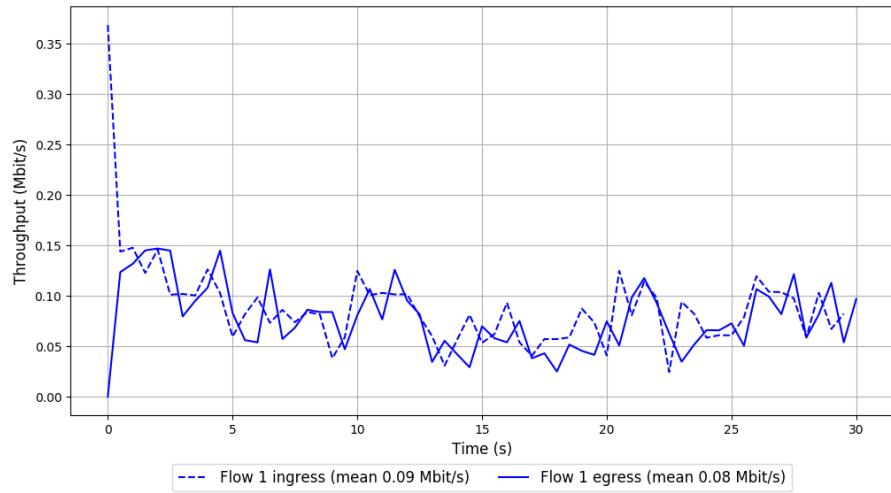
Figure is missing

Run 1: Statistics of Sprout

```
Start at: 2019-01-25 08:57:43
End at: 2019-01-25 08:58:13
Local clock offset: 3.798 ms
Remote clock offset: 14.987 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 348.444 ms
Loss rate: 10.88%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 348.444 ms
Loss rate: 10.88%
```

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/sprout_stat

Run 2: Report of Sprout — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Sprout

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/sprout_stat

Run 3: Report of Sprout — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of TaoVA-100x

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/taova_stats

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

Figure is missing

Figure is missing

Run 2: Statistics of TaoVA-100x

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/taova_stats

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

Figure is missing

Figure is missing

Run 3: Statistics of TaoVA-100x

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/taova_stats

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

Figure is missing

Figure is missing

Run 1: Statistics of TCP Vegas

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/vegas_stats

Run 1: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of TCP Vegas

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/vegas_stats

Run 2: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of TCP Vegas

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/vegas_stats

Run 3: Report of TCP Vegas — Data Link

Figure is missing

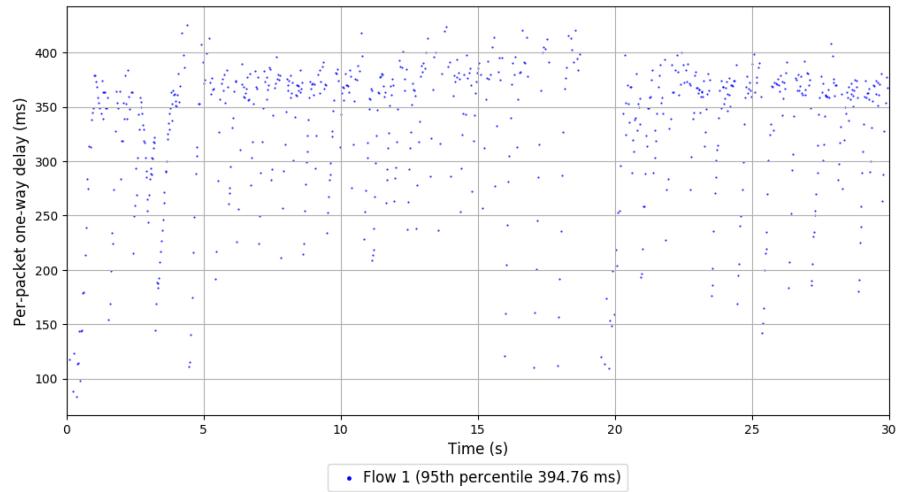
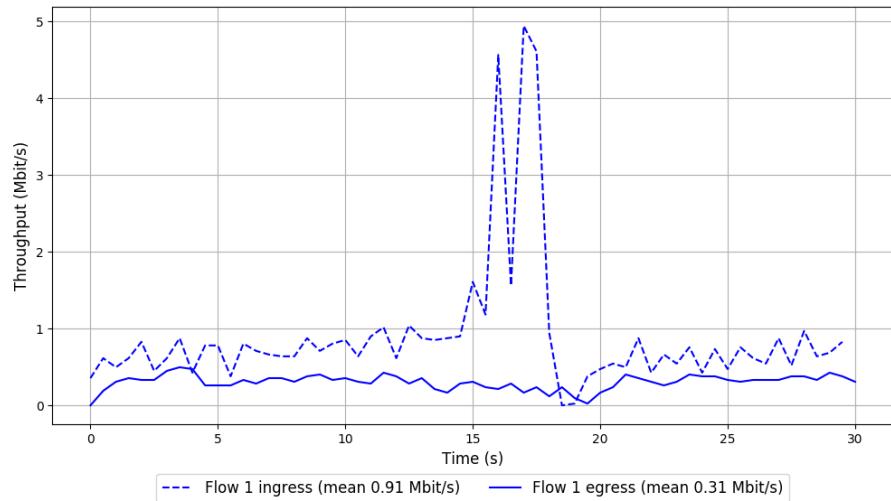
Figure is missing

Run 1: Statistics of Verus

```
Start at: 2019-01-25 09:01:02
End at: 2019-01-25 09:01:32
Local clock offset: 0.015 ms
Remote clock offset: -4.976 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 394.757 ms
Loss rate: 66.01%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 394.757 ms
Loss rate: 66.01%
```

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/verus_stats

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/verus_stats

Run 3: Report of Verus — Data Link

Figure is missing

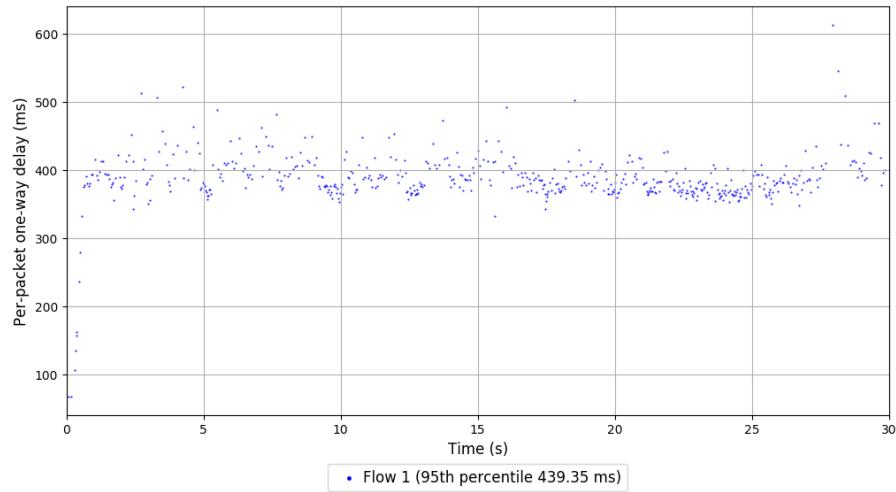
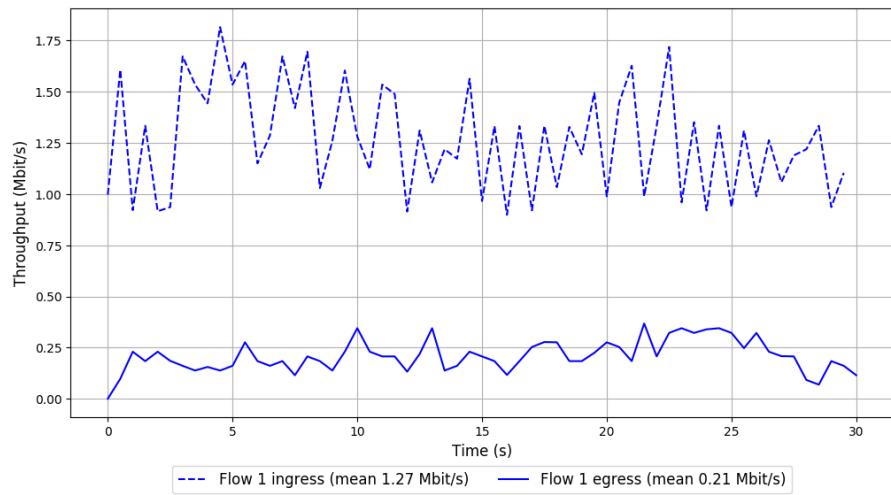
Figure is missing

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

```
Start at: 2019-01-25 09:09:56
End at: 2019-01-25 09:10:26
Local clock offset: -1.129 ms
Remote clock offset: -3.393 ms

# Below is generated by plot.py at 2019-01-25 10:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 439.347 ms
Loss rate: 83.20%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 439.347 ms
Loss rate: 83.20%
```

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/vivace_stat

Run 2: Report of PCC-Vivace — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Vivace

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/vivace_stat

Run 3: Report of PCC-Vivace — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of WebRTC media

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/webrtc_stat

Run 1: Report of WebRTC media — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of WebRTC media

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/webrtc_stat

Run 2: Report of WebRTC media — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of WebRTC media

/home/ubuntu/pantheon/data/2019-01-25T08-57-India-cellular-to-AWS-India-1-3-runs/webrtc_stat

Run 3: Report of WebRTC media — Data Link

Figure is missing

Figure is missing