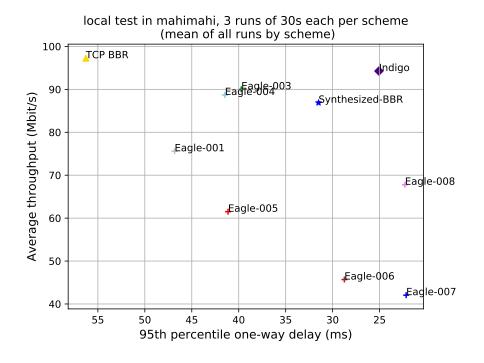
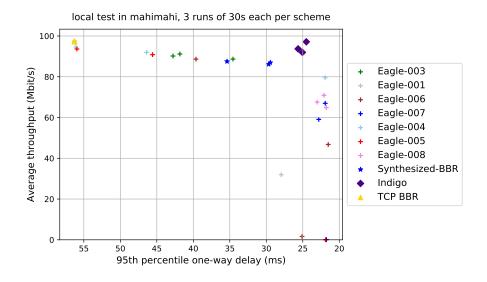
### Pantheon Report

```
Generated at 2019-10-27 03:45:19 (UTC).
  Tested in mahimahi: mm-delay 20 mm-link 100mbps.trace 50mbps.trace
--uplink-queue=droptail --uplink-queue-args=packets=300
   Repeated the test of 10 congestion control schemes 3 times.
  Each test lasted for 30 seconds running 1 flow.
System info:
Linux 4.15.0-65-generic
net.core.default_qdisc = fq
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 87380 6291456
net.ipv4.tcp\_wmem = 4096 16384 4194304
Git summary:
branch: master @ b54fc866b3140559c1fa1782d26fa636f7a43a8d
third_party/aurora @ f3e943d61015b39960854ba6391797e0c7984d74
third_party/aurora-model @ e292c316c23fb837255c4e142e40590d154bbe95
third_party/eagle-v1 @ c68d985e042be5c30704c0aee48c363861951a95
third_party/eagle-v2 @ c8a1737b3c84d7d49eada5b8785045d272a70120
third_party/eagle-v3 @ d5f1ab4416fa417052ddc65de5dbdbd20955d293
M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/datagram_pb2.cpython-36
M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/helpers.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/mahimahi.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/project_root.cpython-36
 M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/receiver.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy-random-switch.py
M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy.py
 D sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy-2.pt
 D sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy-240ite
 M sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy.pt
 M sender-receiver/sender-receiver/sender_receiver/logs.txt
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfe58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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/synthesizedBBR @ d5f1ab4416fa417052ddc65de5dbdbd20955d293
 M sender-receiver/sender-receiver/sender_receiver/__pycache__/__init__.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/__init__.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/datagram_pb2.cpython-36
 M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/helpers.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/mahimahi.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/project_root.cpython-36
 M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/receiver.cpython-36.pyc
 M sender-receiver/sender-receiver/sender_receiver/envs/__pycache__/sender_receiver_env.cpy
 M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy.py
 M sender-receiver/sender-receiver/sender_receiver/logs.txt
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
 M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third\_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851





		mean avg tput (Mbit/s)	$\mid$ mean 95th-%ile delay (ms) $\mid$	mean loss rate (%)
$_{\rm scheme}$	# runs	flow 1	flow 1	flow 1
TCP BBR	3	97.26	56.28	2.74
Eagle-001	3	75.58	46.83	9.47
Eagle-003	3	90.01	39.73	0.38
Eagle-004	3	88.69	41.47	1.52
Eagle-005	3	61.50	41.14	0.95
Eagle-006	3	45.69	28.75	0.08
Eagle-007	3	42.06	22.17	0.29
Eagle-008	3	67.78	22.30	0.22
$\operatorname{Indigo}$	3	94.27	25.07	0.09
Synthesized-BBR	3	86.88	31.50	0.14

### Run 1: Statistics of TCP BBR

Start at: 2019-10-27 03:16:31 End at: 2019-10-27 03:17:01

# Below is generated by plot.py at 2019-10-27 03:40:32

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.14 Mbit/s (97.1% utilization) 95th percentile per-packet one-way delay: 56.255 ms

Loss rate: 2.89%

-- Flow 1:

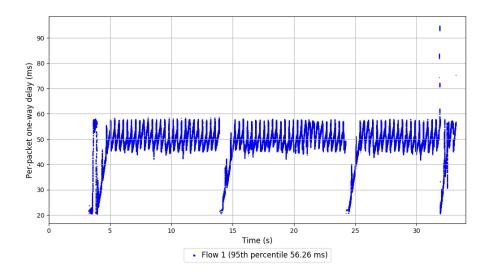
Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 56.255 ms

Loss rate: 2.89%

Run 1: Report of TCP BBR — Data Link





### Run 2: Statistics of TCP BBR

Start at: 2019-10-27 03:22:59 End at: 2019-10-27 03:23:29

# Below is generated by plot.py at 2019-10-27 03:40:32

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.32 Mbit/s (97.3% utilization) 95th percentile per-packet one-way delay: 56.277 ms

Loss rate: 2.74%

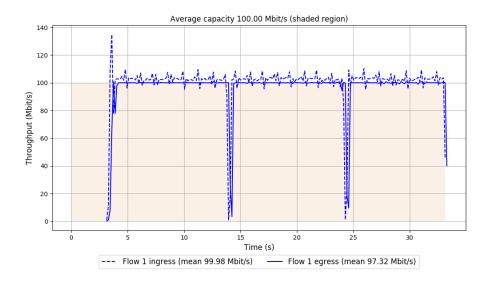
-- Flow 1:

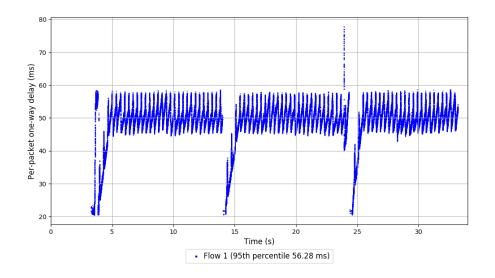
Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 56.277 ms

Loss rate: 2.74%

Run 2: Report of TCP BBR — Data Link





### Run 3: Statistics of TCP BBR

Start at: 2019-10-27 03:29:18 End at: 2019-10-27 03:29:48

# Below is generated by plot.py at 2019-10-27 03:40:32

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.31 Mbit/s (97.3% utilization) 95th percentile per-packet one-way delay: 56.301 ms

Loss rate: 2.60%

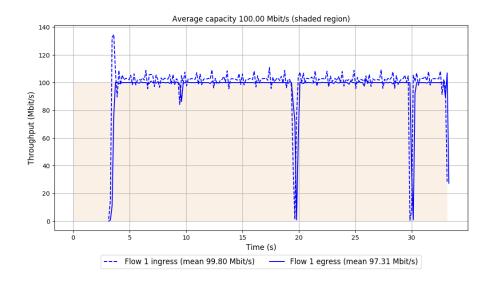
-- Flow 1:

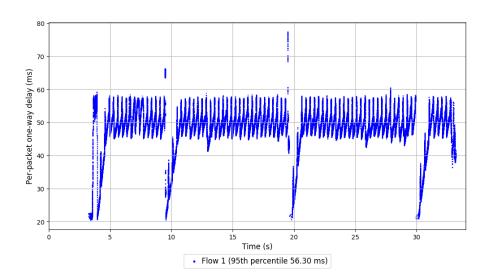
Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 56.301 ms

Loss rate: 2.60%

Run 3: Report of TCP BBR — Data Link





Start at: 2019-10-27 03:11:26 End at: 2019-10-27 03:11:56

# Below is generated by plot.py at 2019-10-27 03:40:40

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.20 Mbit/s (97.2% utilization) 95th percentile per-packet one-way delay: 56.283 ms

Loss rate: 9.05%

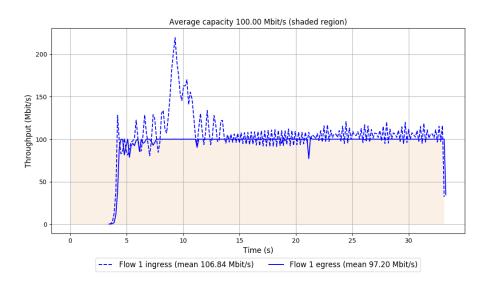
-- Flow 1:

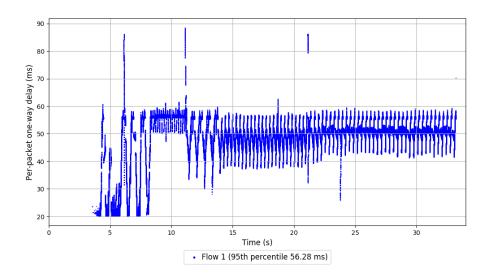
Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 56.283 ms

Loss rate: 9.05%

Run 1: Report of Eagle-001 — Data Link





Start at: 2019-10-27 03:17:49 End at: 2019-10-27 03:18:19

# Below is generated by plot.py at 2019-10-27 03:41:09

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.60~Mbit/s (97.6%~utilization) 95th percentile per-packet one-way delay: 56.259~ms

Loss rate: 18.72%

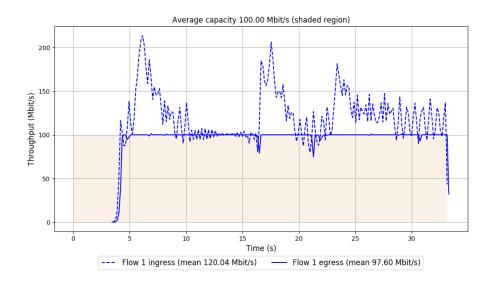
-- Flow 1:

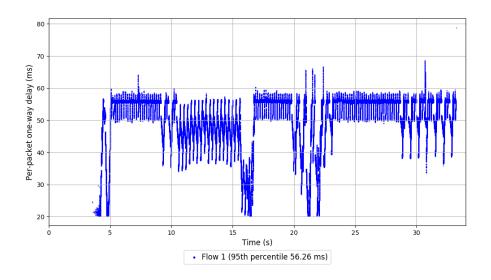
Average throughput: 97.60 Mbit/s

95th percentile per-packet one-way delay: 56.259 ms

Loss rate: 18.72%

Run 2: Report of Eagle-001 — Data Link





Start at: 2019-10-27 03:24:17 End at: 2019-10-27 03:24:47

# Below is generated by plot.py at 2019-10-27 03:41:09

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 31.95 Mbit/s (32.0% utilization) 95th percentile per-packet one-way delay: 27.947 ms

Loss rate: 0.64%

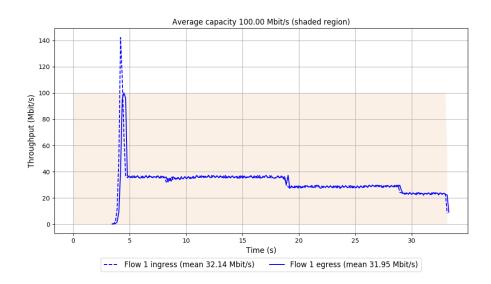
-- Flow 1:

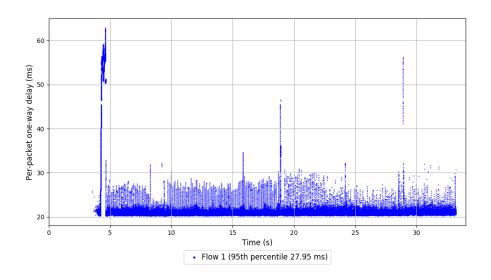
Average throughput: 31.95 Mbit/s

95th percentile per-packet one-way delay: 27.947 ms

Loss rate: 0.64%

Run 3: Report of Eagle-001 — Data Link





Start at: 2019-10-27 03:12:06 End at: 2019-10-27 03:12:36

# Below is generated by plot.py at 2019-10-27 03:41:24

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 90.18~Mbit/s (90.2%~utilization) 95th percentile per-packet one-way delay: 42.777~ms

Loss rate: 0.36%

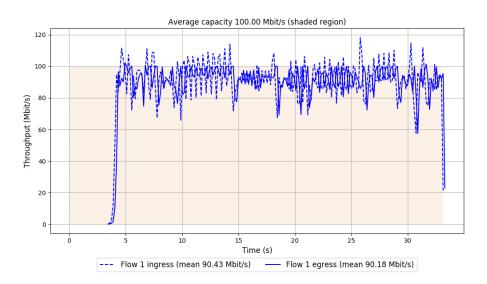
-- Flow 1:

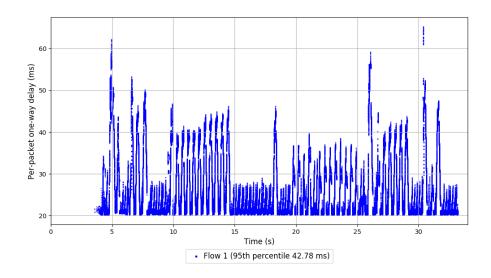
Average throughput: 90.18 Mbit/s

95th percentile per-packet one-way delay: 42.777 ms

Loss rate: 0.36%

Run 1: Report of Eagle-003 — Data Link





Start at: 2019-10-27 03:18:29 End at: 2019-10-27 03:18:59

# Below is generated by plot.py at 2019-10-27 03:41:36

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 88.68 Mbit/s (88.7% utilization) 95th percentile per-packet one-way delay: 34.560 ms

Loss rate: 0.29%

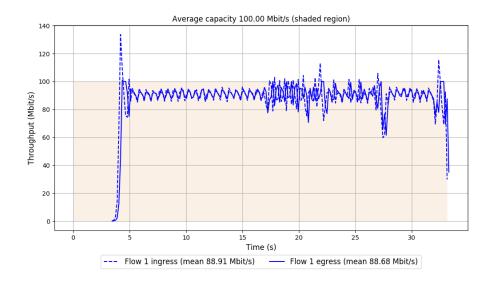
-- Flow 1:

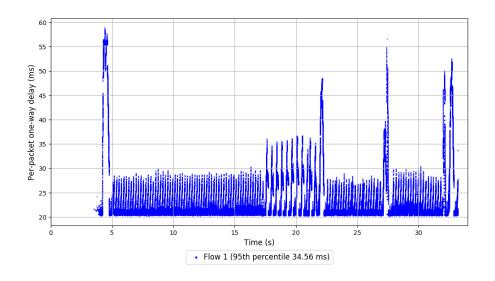
Average throughput: 88.68 Mbit/s

95th percentile per-packet one-way delay: 34.560 ms

Loss rate: 0.29%

Run 2: Report of Eagle-003 — Data Link





Start at: 2019-10-27 03:24:53 End at: 2019-10-27 03:25:23

# Below is generated by plot.py at 2019-10-27 03:41:36

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 91.17 Mbit/s (91.2% utilization) 95th percentile per-packet one-way delay: 41.843 ms

Loss rate: 0.50%

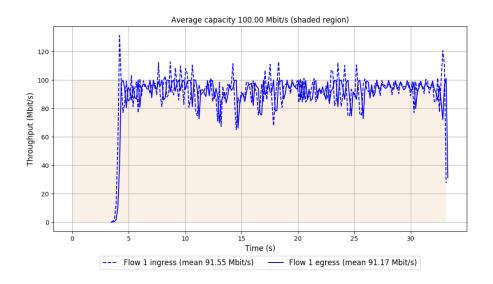
-- Flow 1:

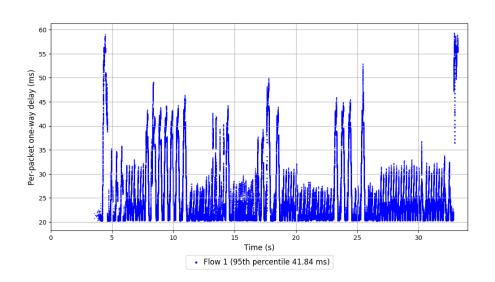
Average throughput: 91.17 Mbit/s

95th percentile per-packet one-way delay: 41.843 ms

Loss rate: 0.50%

Run 3: Report of Eagle-003 — Data Link





Start at: 2019-10-27 03:12:45 End at: 2019-10-27 03:13:15

# Below is generated by plot.py at 2019-10-27 03:42:01

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 79.56 Mbit/s (79.6% utilization) 95th percentile per-packet one-way delay: 21.927 ms

Loss rate: 0.17%

-- Flow 1:

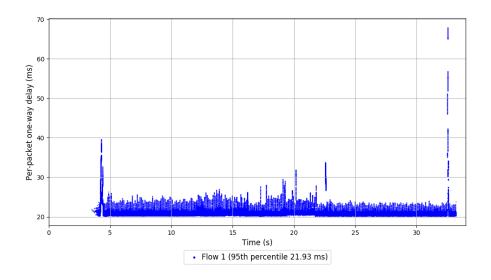
Average throughput: 79.56 Mbit/s

95th percentile per-packet one-way delay: 21.927 ms

Loss rate: 0.17%

Run 1: Report of Eagle-004 — Data Link





Start at: 2019-10-27 03:19:08 End at: 2019-10-27 03:19:38

# Below is generated by plot.py at 2019-10-27 03:42:24

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 94.57~Mbit/s (94.6%~utilization) 95th percentile per-packet one-way delay: 56.084~ms

Loss rate: 4.12%

-- Flow 1:

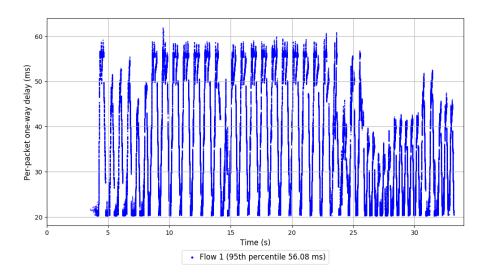
Average throughput: 94.57 Mbit/s

95th percentile per-packet one-way delay: 56.084 ms

Loss rate: 4.12%

Run 2: Report of Eagle-004 — Data Link





Start at: 2019-10-27 03:25:32 End at: 2019-10-27 03:26:02

# Below is generated by plot.py at 2019-10-27 03:42:27

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 91.95 Mbit/s (92.0% utilization) 95th percentile per-packet one-way delay: 46.398 ms

Loss rate: 0.27%

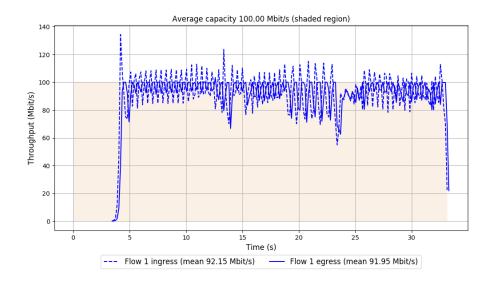
-- Flow 1:

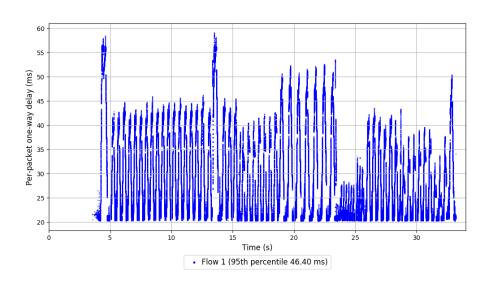
Average throughput: 91.95 Mbit/s

95th percentile per-packet one-way delay: 46.398 ms

Loss rate: 0.27%

Run 3: Report of Eagle-004 — Data Link





Start at: 2019-10-27 03:13:23 End at: 2019-10-27 03:13:53

# Below is generated by plot.py at 2019-10-27 03:42:27

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 0.03 Mbit/s (0.0% utilization) 95th percentile per-packet one-way delay: 21.888 ms

Loss rate: 0.00%

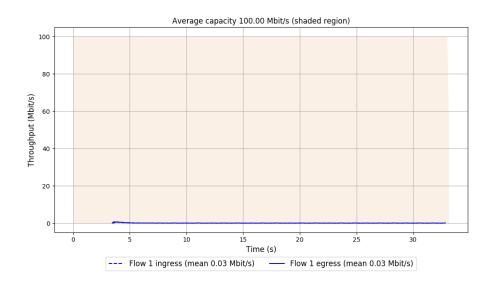
-- Flow 1:

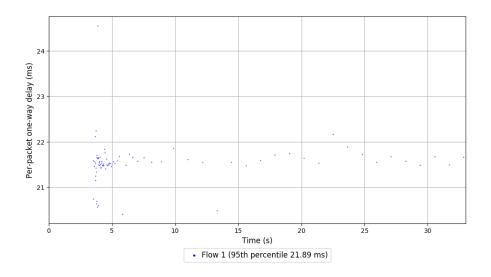
Average throughput: 0.03 Mbit/s

95th percentile per-packet one-way delay: 21.888 ms

Loss rate: 0.00%

Run 1: Report of Eagle-005 — Data Link





Start at: 2019-10-27 03:19:47 End at: 2019-10-27 03:20:17

# Below is generated by plot.py at 2019-10-27 03:42:40

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 90.85 Mbit/s (90.9% utilization) 95th percentile per-packet one-way delay: 45.581 ms

Loss rate: 0.17%

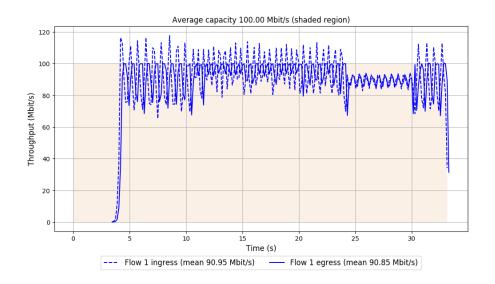
-- Flow 1:

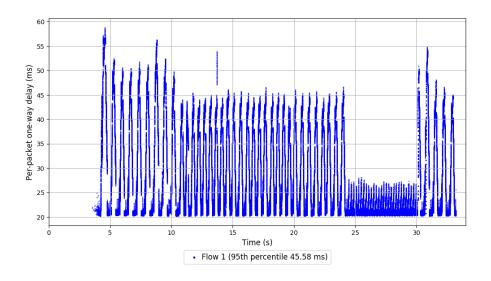
Average throughput: 90.85 Mbit/s

95th percentile per-packet one-way delay: 45.581 ms

Loss rate: 0.17%

Run 2: Report of Eagle-005 — Data Link





Start at: 2019-10-27 03:26:11 End at: 2019-10-27 03:26:42

# Below is generated by plot.py at 2019-10-27 03:42:55

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 93.62 Mbit/s (93.6% utilization) 95th percentile per-packet one-way delay: 55.946 ms

Loss rate: 2.69%

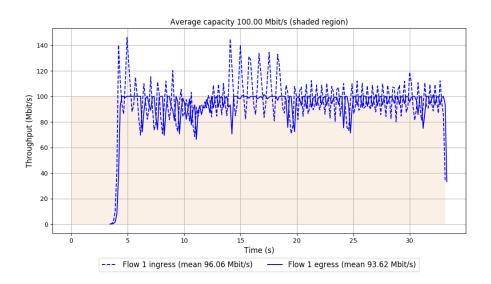
-- Flow 1:

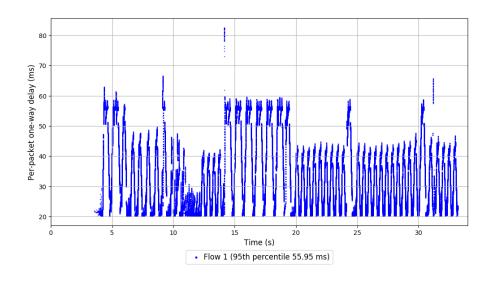
Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 55.946 ms

Loss rate: 2.69%

Run 3: Report of Eagle-005 — Data Link





Start at: 2019-10-27 03:13:58 End at: 2019-10-27 03:14:28

# Below is generated by plot.py at 2019-10-27 03:43:24

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 88.66 Mbit/s (88.7% utilization) 95th percentile per-packet one-way delay: 39.635 ms

Loss rate: 0.14%

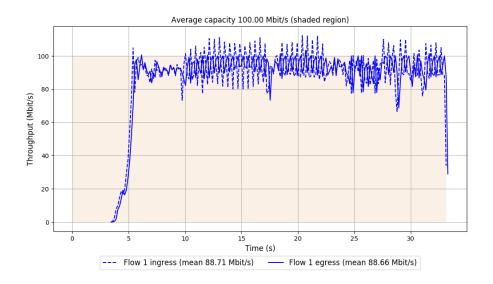
-- Flow 1:

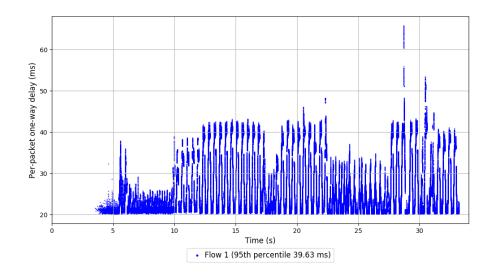
Average throughput: 88.66 Mbit/s

95th percentile per-packet one-way delay: 39.635 ms

Loss rate: 0.14%

Run 1: Report of Eagle-006 — Data Link





# Run 2: Statistics of Eagle-006

Start at: 2019-10-27 03:20:27 End at: 2019-10-27 03:20:57

# Below is generated by plot.py at 2019-10-27 03:43:24

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 46.77~Mbit/s (46.8%~utilization) 95th percentile per-packet one-way delay: 21.511~ms

Loss rate: 0.10%

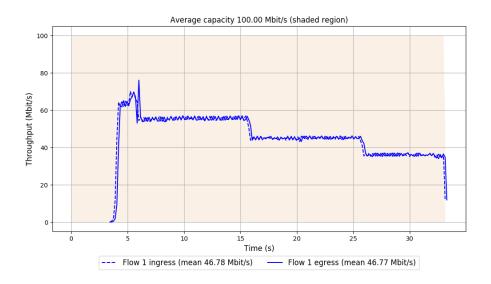
-- Flow 1:

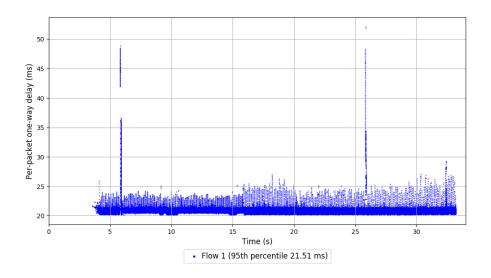
Average throughput: 46.77 Mbit/s

95th percentile per-packet one-way delay: 21.511 ms

Loss rate: 0.10%

Run 2: Report of Eagle-006 — Data Link





# Run 3: Statistics of Eagle-006

Start at: 2019-10-27 03:26:51 End at: 2019-10-27 03:27:21

# Below is generated by plot.py at 2019-10-27 03:43:24

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 1.65 Mbit/s (1.6% utilization) 95th percentile per-packet one-way delay: 25.097 ms

Loss rate: 0.00%

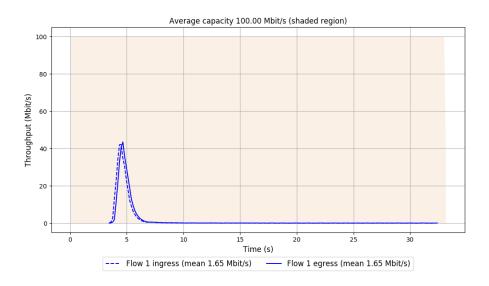
-- Flow 1:

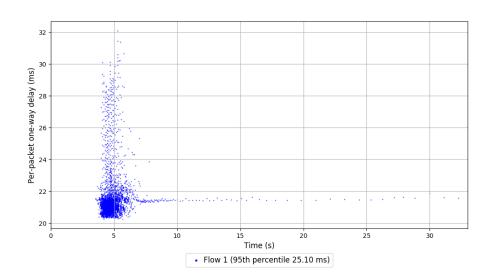
Average throughput: 1.65 Mbit/s

95th percentile per-packet one-way delay: 25.097 ms

Loss rate: 0.00%

Run 3: Report of Eagle-006 — Data Link





# Run 1: Statistics of Eagle-007

Start at: 2019-10-27 03:14:37 End at: 2019-10-27 03:15:07

# Below is generated by plot.py at 2019-10-27 03:43:31

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 59.09 Mbit/s (59.1% utilization) 95th percentile per-packet one-way delay: 22.811 ms

Loss rate: 0.32%

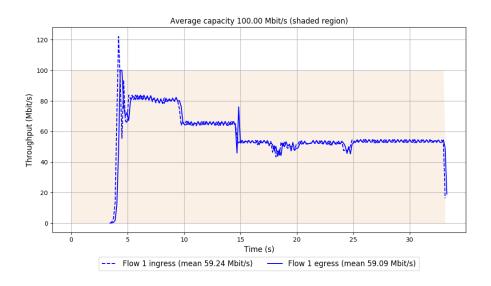
-- Flow 1:

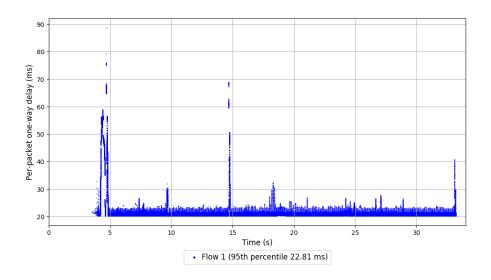
Average throughput: 59.09 Mbit/s

95th percentile per-packet one-way delay: 22.811 ms

Loss rate: 0.32%

Run 1: Report of Eagle-007 — Data Link





# Run 2: Statistics of Eagle-007

Start at: 2019-10-27 03:21:04 End at: 2019-10-27 03:21:34

# Below is generated by plot.py at 2019-10-27 03:43:36

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 66.97 Mbit/s (67.0% utilization) 95th percentile per-packet one-way delay: 21.925 ms

Loss rate: 0.18%

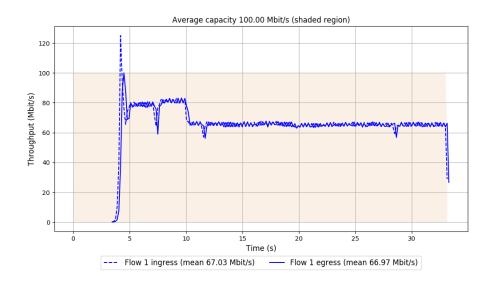
-- Flow 1:

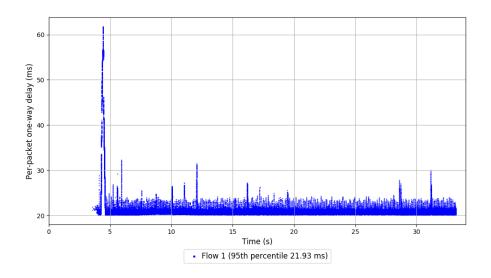
Average throughput: 66.97 Mbit/s

95th percentile per-packet one-way delay: 21.925 ms

Loss rate: 0.18%

Run 2: Report of Eagle-007 — Data Link





# Run 3: Statistics of Eagle-007

Start at: 2019-10-27 03:27:26 End at: 2019-10-27 03:27:56

# Below is generated by plot.py at 2019-10-27 03:43:36

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 0.11 Mbit/s (0.1% utilization) 95th percentile per-packet one-way delay: 21.762 ms

Loss rate: 0.38%

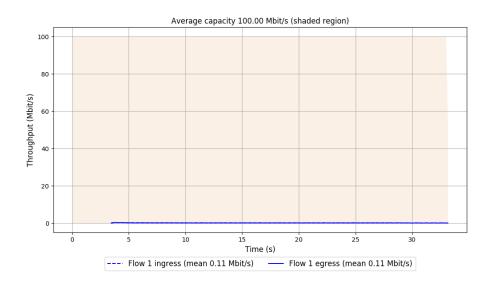
-- Flow 1:

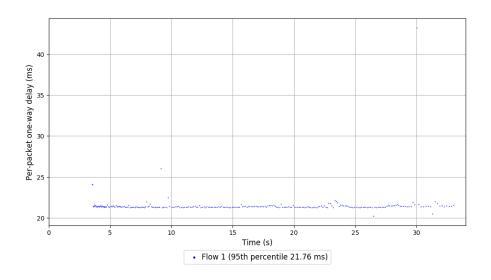
Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 21.762 ms

Loss rate: 0.38%

Run 3: Report of Eagle-007 — Data Link





# Run 1: Statistics of Eagle-008

Start at: 2019-10-27 03:15:15 End at: 2019-10-27 03:15:45

# Below is generated by plot.py at 2019-10-27 03:44:04

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 64.87 Mbit/s (64.9% utilization) 95th percentile per-packet one-way delay: 21.774 ms

Loss rate: 0.26%

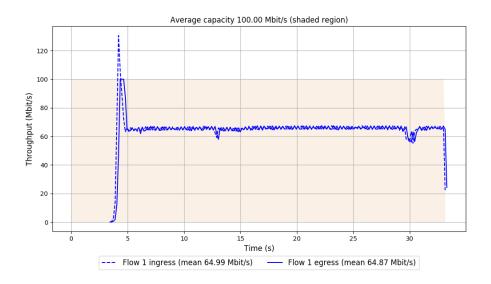
-- Flow 1:

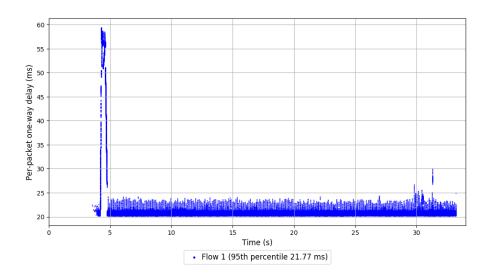
Average throughput: 64.87 Mbit/s

95th percentile per-packet one-way delay: 21.774 ms

Loss rate: 0.26%

Run 1: Report of Eagle-008 — Data Link





# Run 2: Statistics of Eagle-008

Start at: 2019-10-27 03:21:42 End at: 2019-10-27 03:22:12

# Below is generated by plot.py at 2019-10-27 03:44:07

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 67.58~Mbit/s (67.6%~utilization) 95th percentile per-packet one-way delay: 23.027~ms

Loss rate: 0.28%

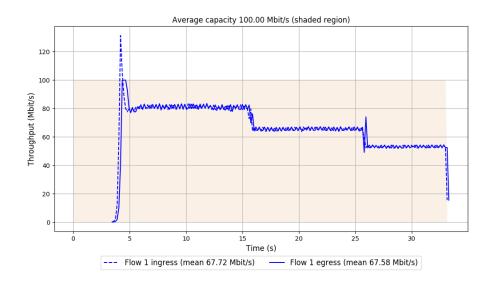
-- Flow 1:

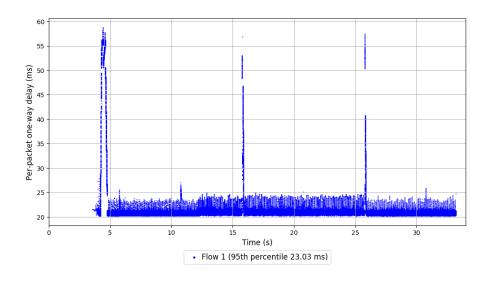
Average throughput: 67.58 Mbit/s

95th percentile per-packet one-way delay: 23.027 ms

Loss rate: 0.28%

Run 2: Report of Eagle-008 — Data Link





# Run 3: Statistics of Eagle-008

Start at: 2019-10-27 03:28:01 End at: 2019-10-27 03:28:31

# Below is generated by plot.py at 2019-10-27 03:44:16

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 70.89 Mbit/s (70.9% utilization) 95th percentile per-packet one-way delay: 22.089 ms

Loss rate: 0.11%

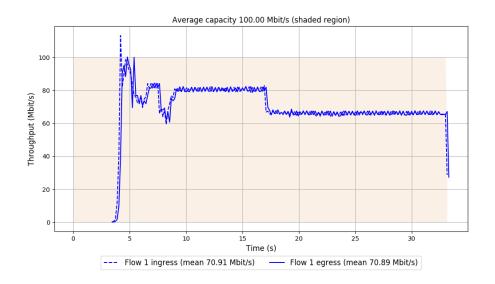
-- Flow 1:

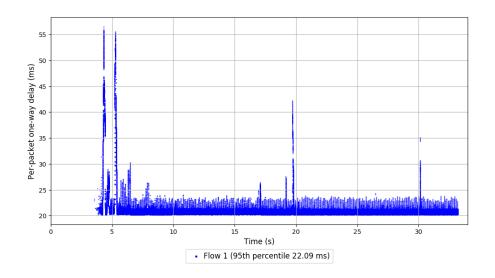
Average throughput: 70.89 Mbit/s

95th percentile per-packet one-way delay: 22.089 ms

Loss rate: 0.11%

Run 3: Report of Eagle-008 — Data Link





# Run 1: Statistics of Indigo

Start at: 2019-10-27 03:17:10 End at: 2019-10-27 03:17:40

# Below is generated by plot.py at 2019-10-27 03:44:33

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 93.69 Mbit/s (93.7% utilization) 95th percentile per-packet one-way delay: 25.640 ms

Loss rate: 0.10%

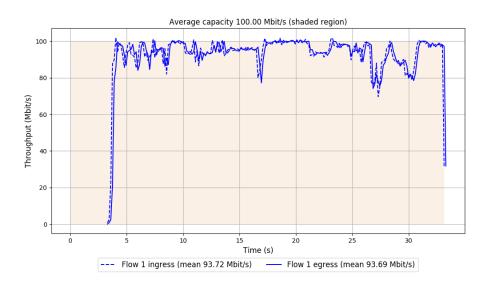
-- Flow 1:

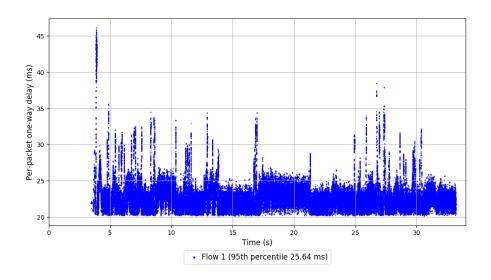
Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 25.640 ms

Loss rate: 0.10%

Run 1: Report of Indigo — Data Link





# Run 2: Statistics of Indigo

Start at: 2019-10-27 03:23:37 End at: 2019-10-27 03:24:07

# Below is generated by plot.py at 2019-10-27 03:45:07

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 97.15~Mbit/s (97.2%~utilization) 95th percentile per-packet one-way delay: 24.514~ms

Loss rate: 0.08%

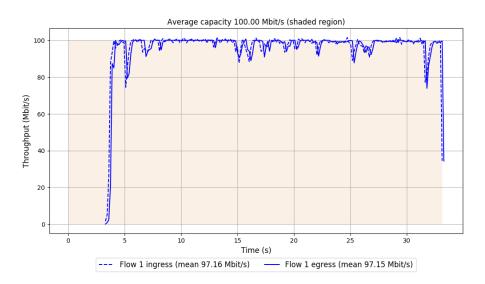
-- Flow 1:

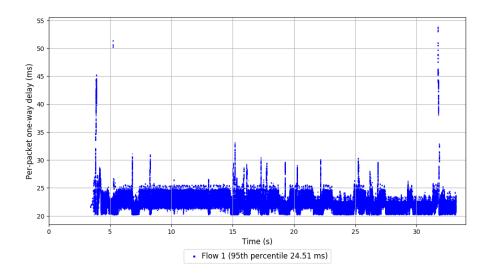
Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 24.514 ms

Loss rate: 0.08%

Run 2: Report of Indigo — Data Link





# Run 3: Statistics of Indigo

Start at: 2019-10-27 03:29:56 End at: 2019-10-27 03:30:26

# Below is generated by plot.py at 2019-10-27 03:45:08

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 91.96 Mbit/s (92.0% utilization) 95th percentile per-packet one-way delay: 25.051 ms

Loss rate: 0.10%

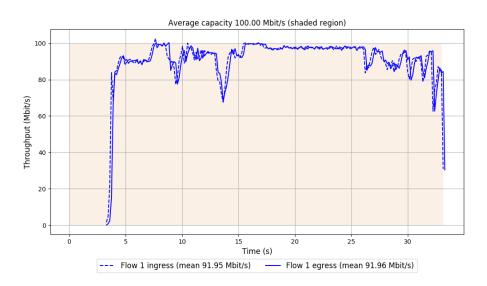
-- Flow 1:

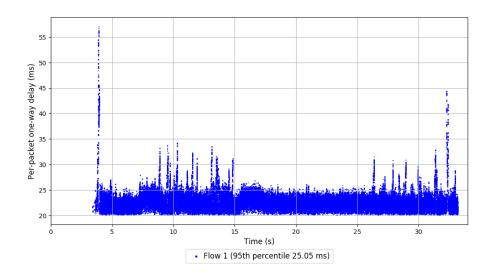
Average throughput: 91.96 Mbit/s

95th percentile per-packet one-way delay: 25.051 ms

Loss rate: 0.10%

Run 3: Report of Indigo — Data Link





# Run 1: Statistics of Synthesized-BBR

Start at: 2019-10-27 03:15:53 End at: 2019-10-27 03:16:23

# Below is generated by plot.py at 2019-10-27 03:45:08

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 87.52 Mbit/s (87.5% utilization) 95th percentile per-packet one-way delay: 35.377 ms

Loss rate: 0.12%

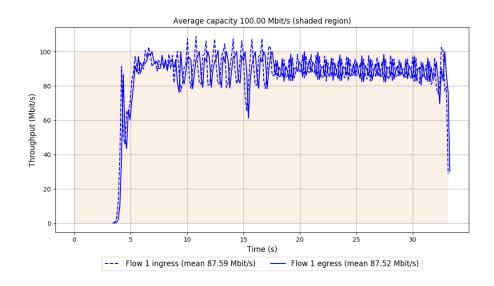
-- Flow 1:

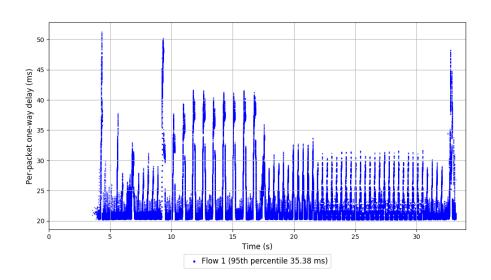
Average throughput: 87.52 Mbit/s

95th percentile per-packet one-way delay: 35.377 ms

Loss rate: 0.12%

Run 1: Report of Synthesized-BBR — Data Link





# Run 2: Statistics of Synthesized-BBR

Start at: 2019-10-27 03:22:20 End at: 2019-10-27 03:22:50

# Below is generated by plot.py at 2019-10-27 03:45:14

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 86.16 Mbit/s (86.2% utilization) 95th percentile per-packet one-way delay: 29.672 ms

Loss rate: 0.09%

-- Flow 1:

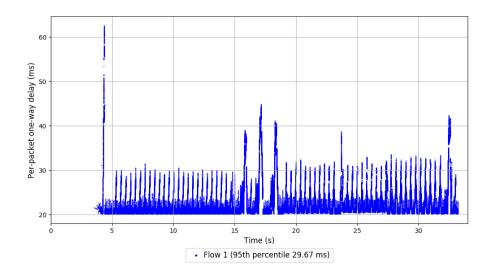
Average throughput: 86.16 Mbit/s

95th percentile per-packet one-way delay: 29.672 ms

Loss rate: 0.09%

Run 2: Report of Synthesized-BBR — Data Link





# Run 3: Statistics of Synthesized-BBR

Start at: 2019-10-27 03:28:39 End at: 2019-10-27 03:29:09

# Below is generated by plot.py at 2019-10-27 03:45:18

# Datalink statistics
-- Total of 1 flow:

Average capacity: 100.00 Mbit/s

Average throughput: 86.97 Mbit/s (87.0% utilization) 95th percentile per-packet one-way delay: 29.446 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 86.97 Mbit/s

95th percentile per-packet one-way delay: 29.446 ms

Loss rate: 0.20%

Run 3: Report of Synthesized-BBR — Data Link

