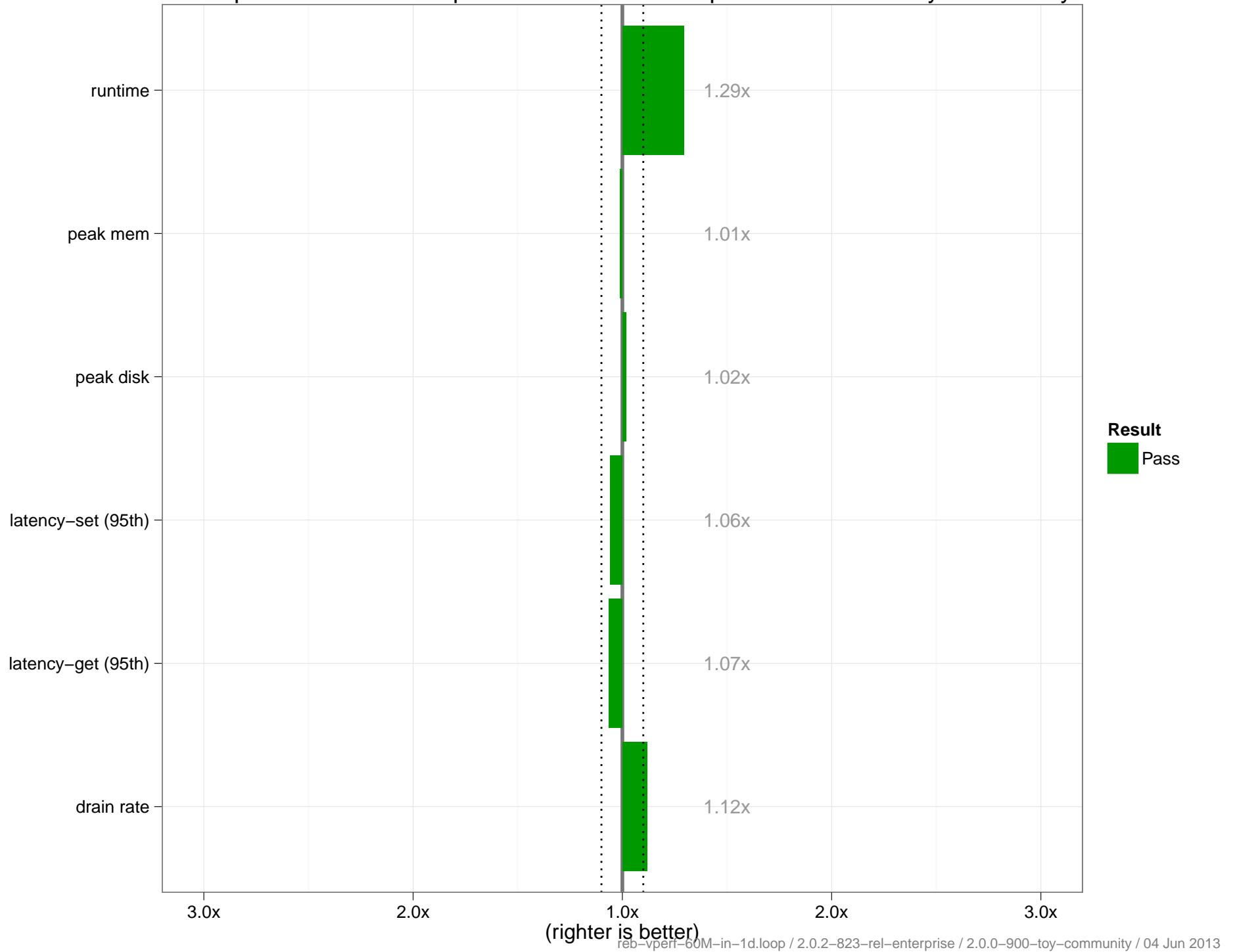
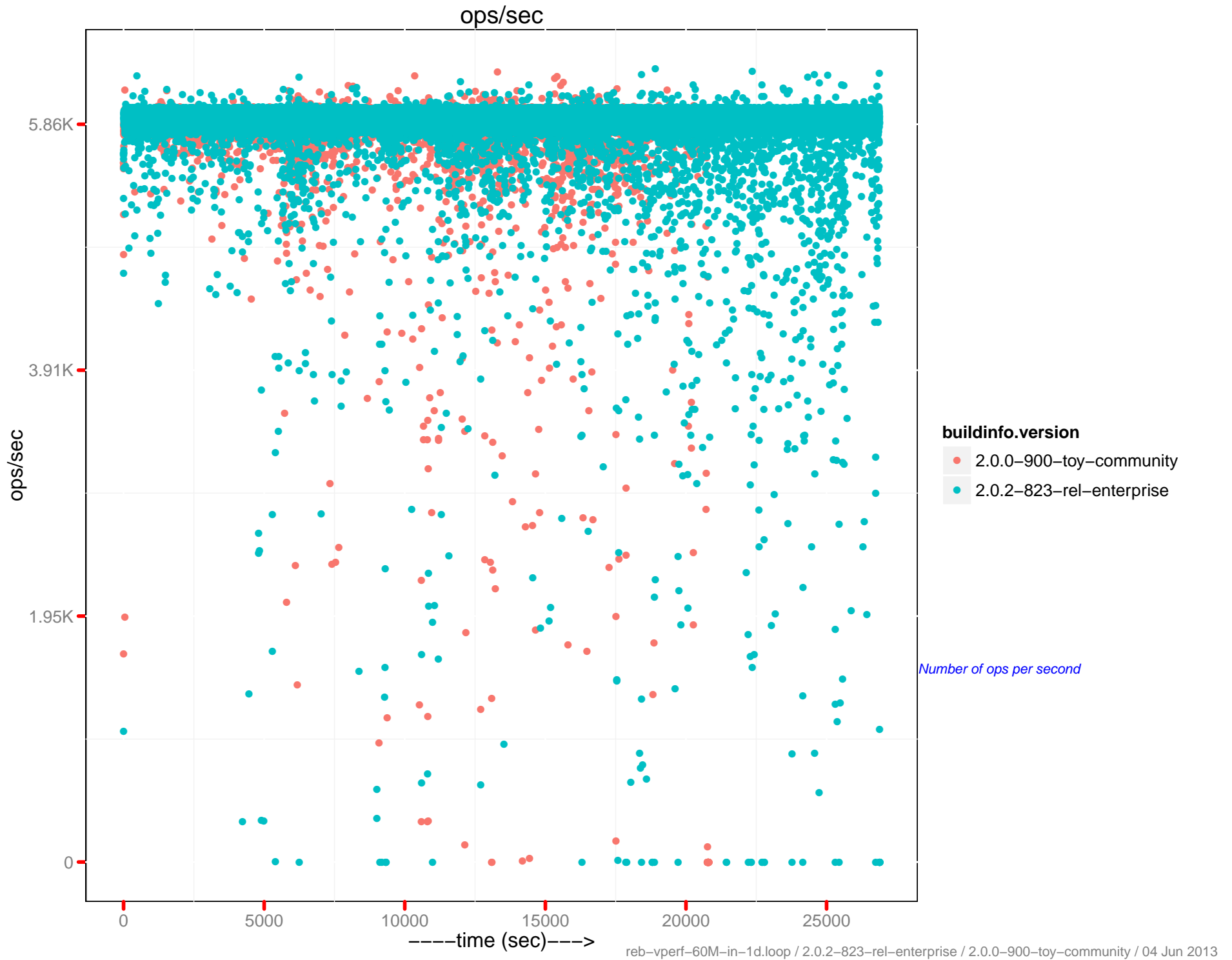


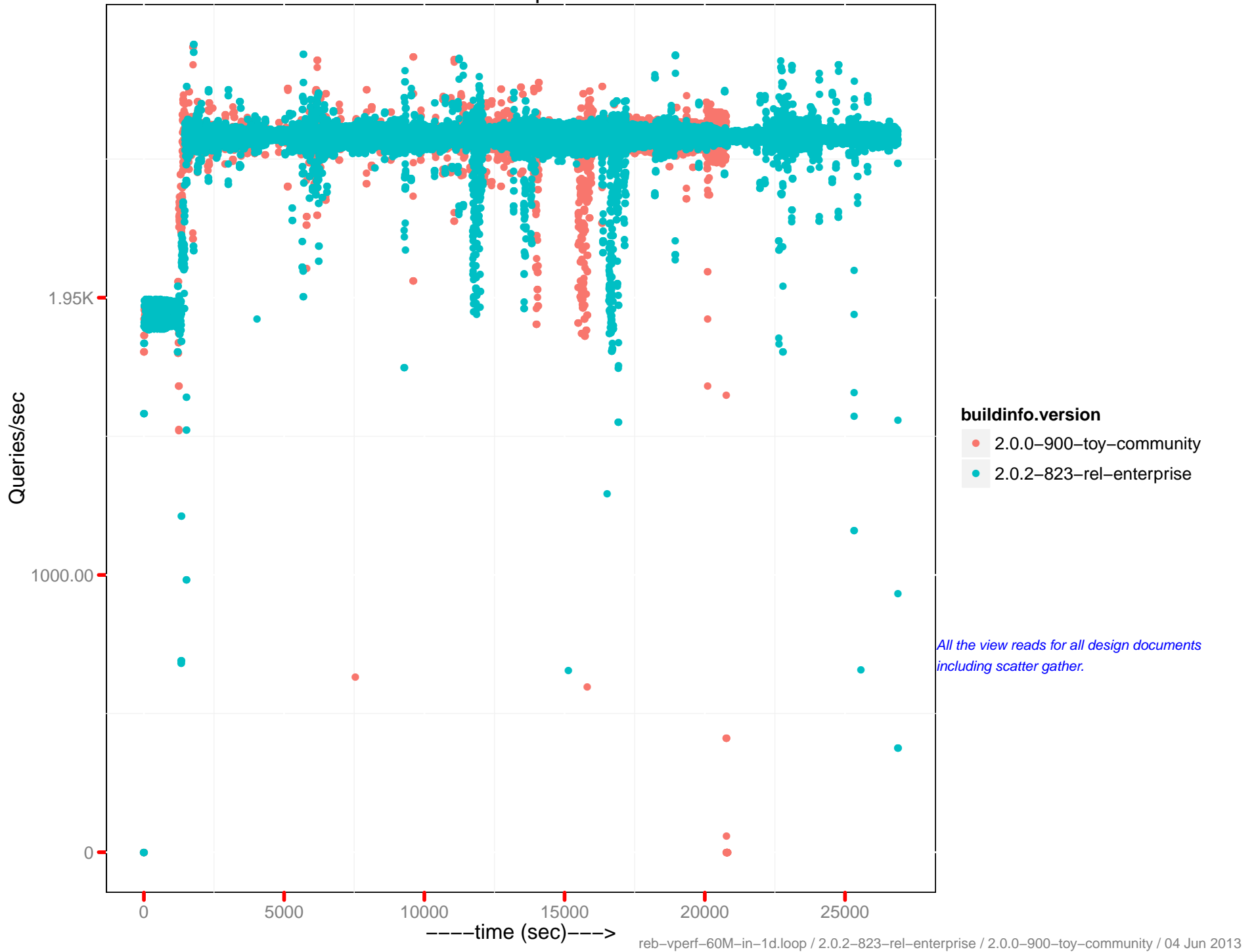
reb-vperf-60M-in-1d.loop : 2.0.2-823-rel-enterprise : 2.0.0-900-toy-community



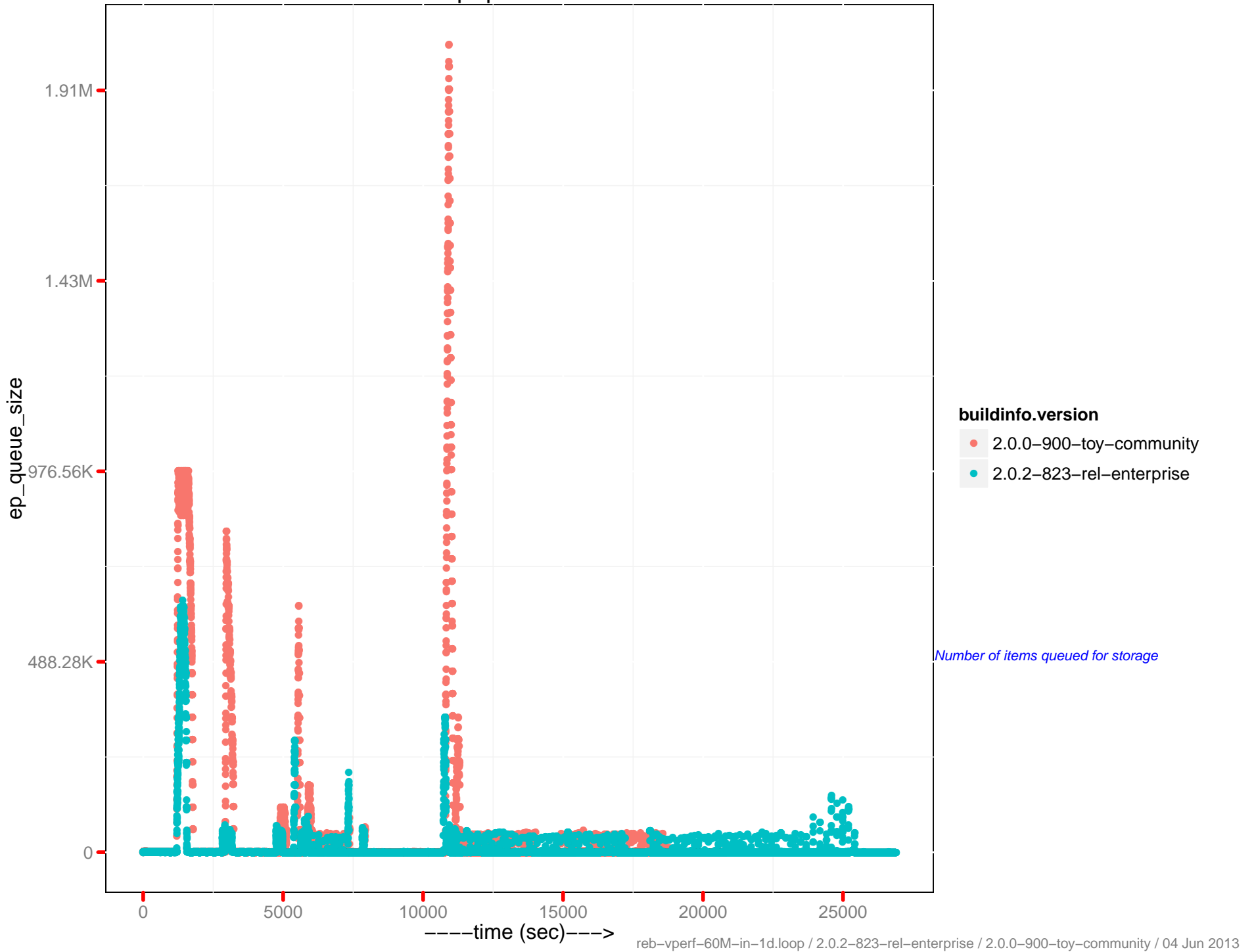
	2.0.2 – 823	2.0.0 – 900
<i>Runtime (in hr)</i>	7.49	5.78
<i>Avg. Drain Rate</i>	2.14K	2.40K
<i>Peak Disk (GB)</i>	391.29	384.54
<i>Peak Memory (GB)</i>	291432.75	294198.67
<i>Avg. OPS</i>	5.84K	5.85K
<i>Avg. mem memcached (GB)</i>	290167.92	292936.38
<i>Avg. mem beam.smp (MB)</i>	1287063.25	1283730.21
<i>Avg. CPU rate (%)</i>	25.82	26.35
<i>Latency-get (90th) (ms)</i>	1.3	1.36
<i>Latency-get (95th) (ms)</i>	1.5	1.59
<i>Latency-get (99th) (ms)</i>	2.35	2.71
<i>Latency-set (90th) (ms)</i>	1.4	1.43
<i>Latency-set (95th) (ms)</i>	1.6	1.69
<i>Latency-set (99th) (ms)</i>	2.35	2.81
<i>Latency-query (80th) (ms)</i>	10.02	10.49
<i>Latency-query (90th) (ms)</i>	12.13	12.58
<i>Latency-query (95th) (ms)</i>	16.84	17.22
<i>Latency-query (99th) (ms)</i>	61.9	44.75
<i>Latency-query (99.9th) (ms)</i>	287.71	219.62
<i>Avg. QPS</i>	622.61	623.09
<i>Avg. XDC ops/sec</i>	NaN	NaN
<i>Avg. XDC docs to replicate</i>	NaN	NaN
<i>Rebalance Time (sec)</i>	25075.53	18958.83
<i>Testrunner Version</i>	aba2904	aba2904



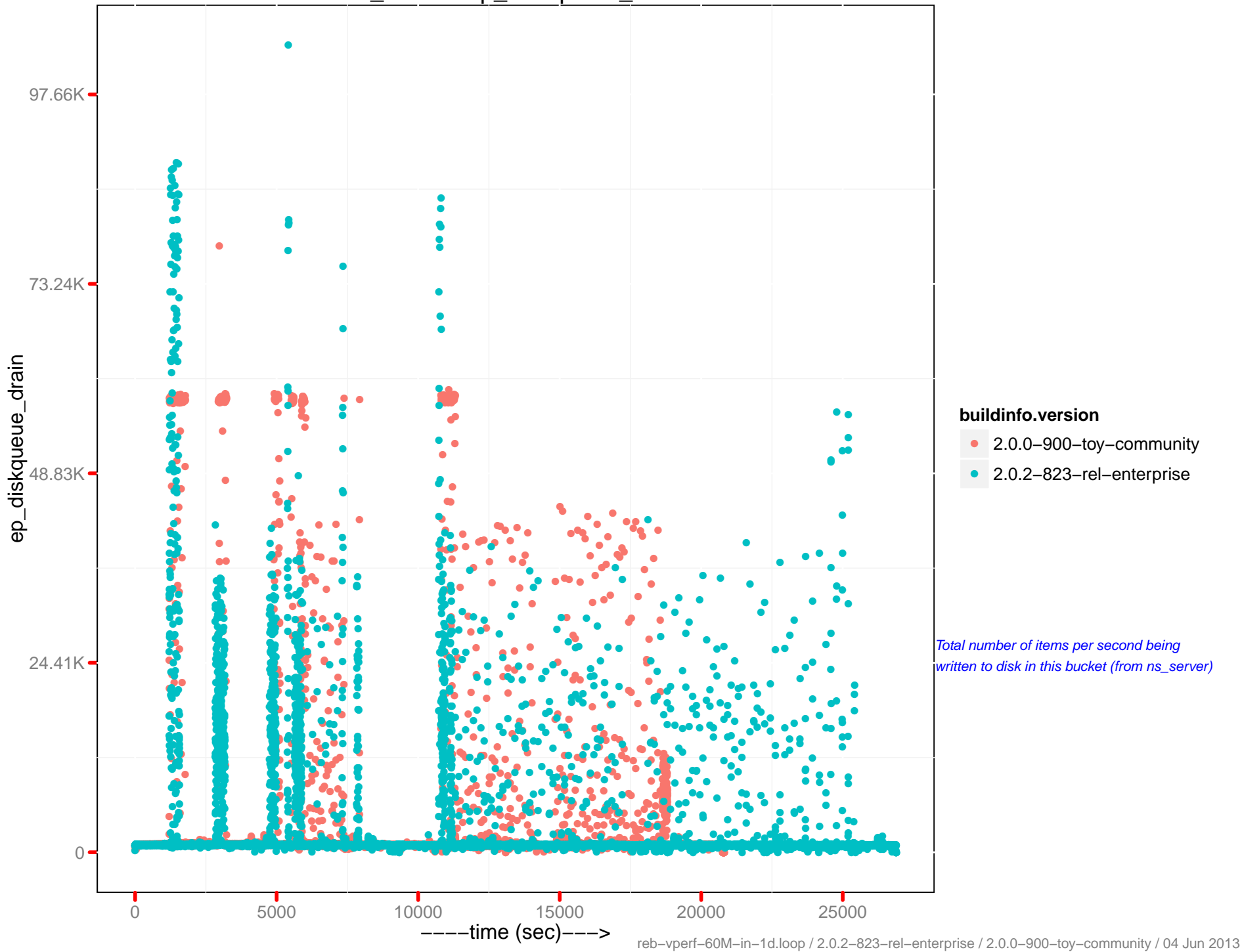
View read per sec.



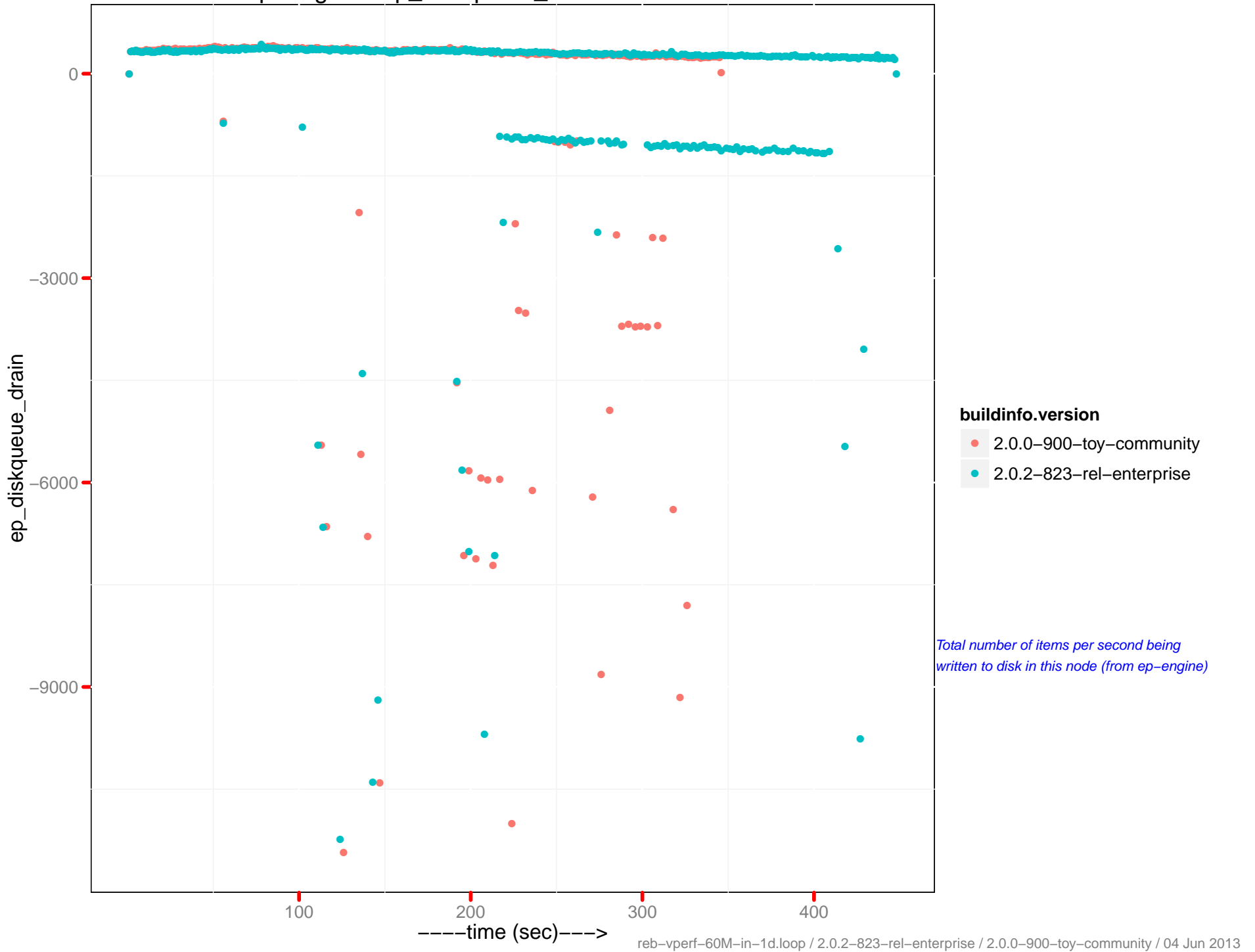
ep queue size



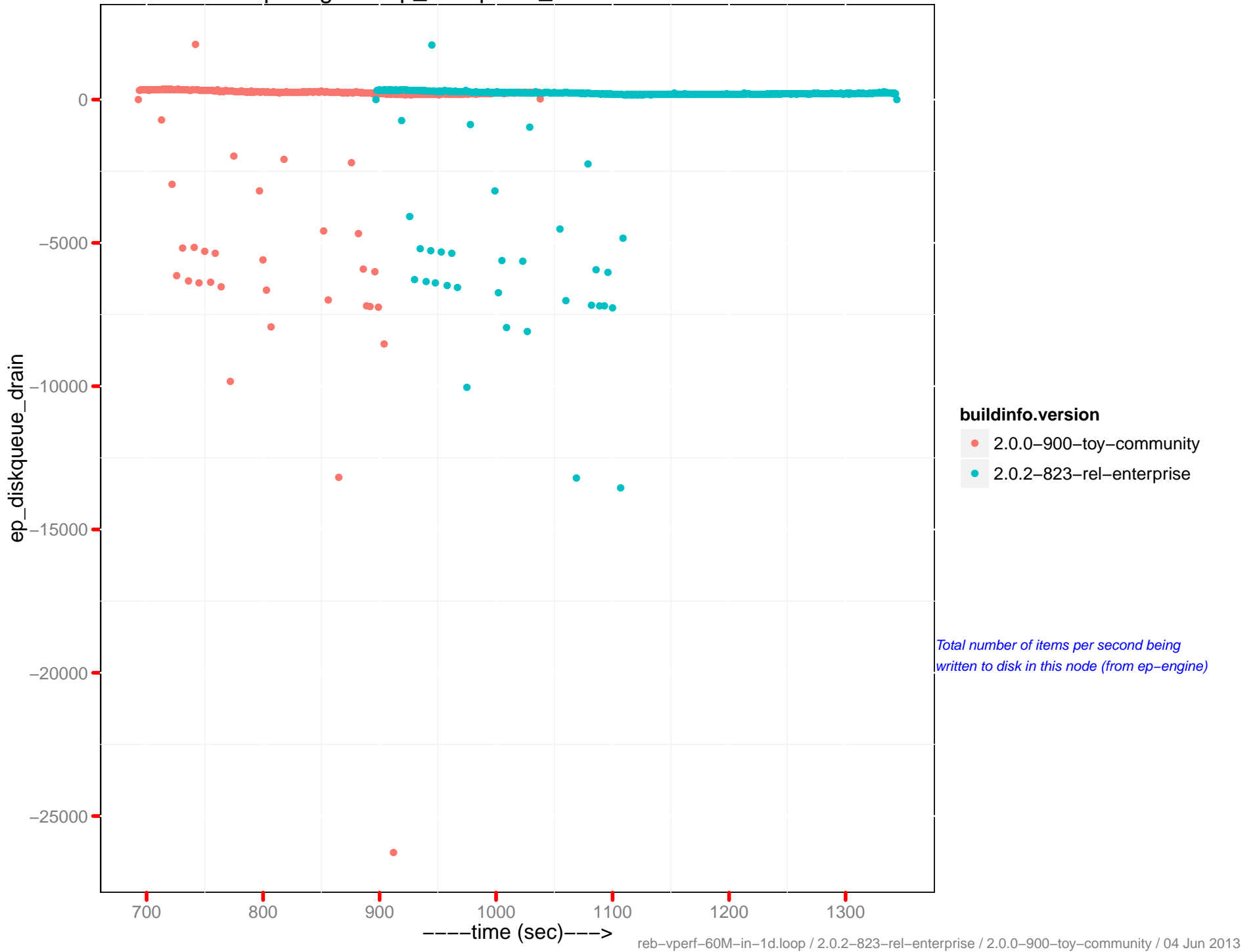
ns_server: ep_diskqueue_drain



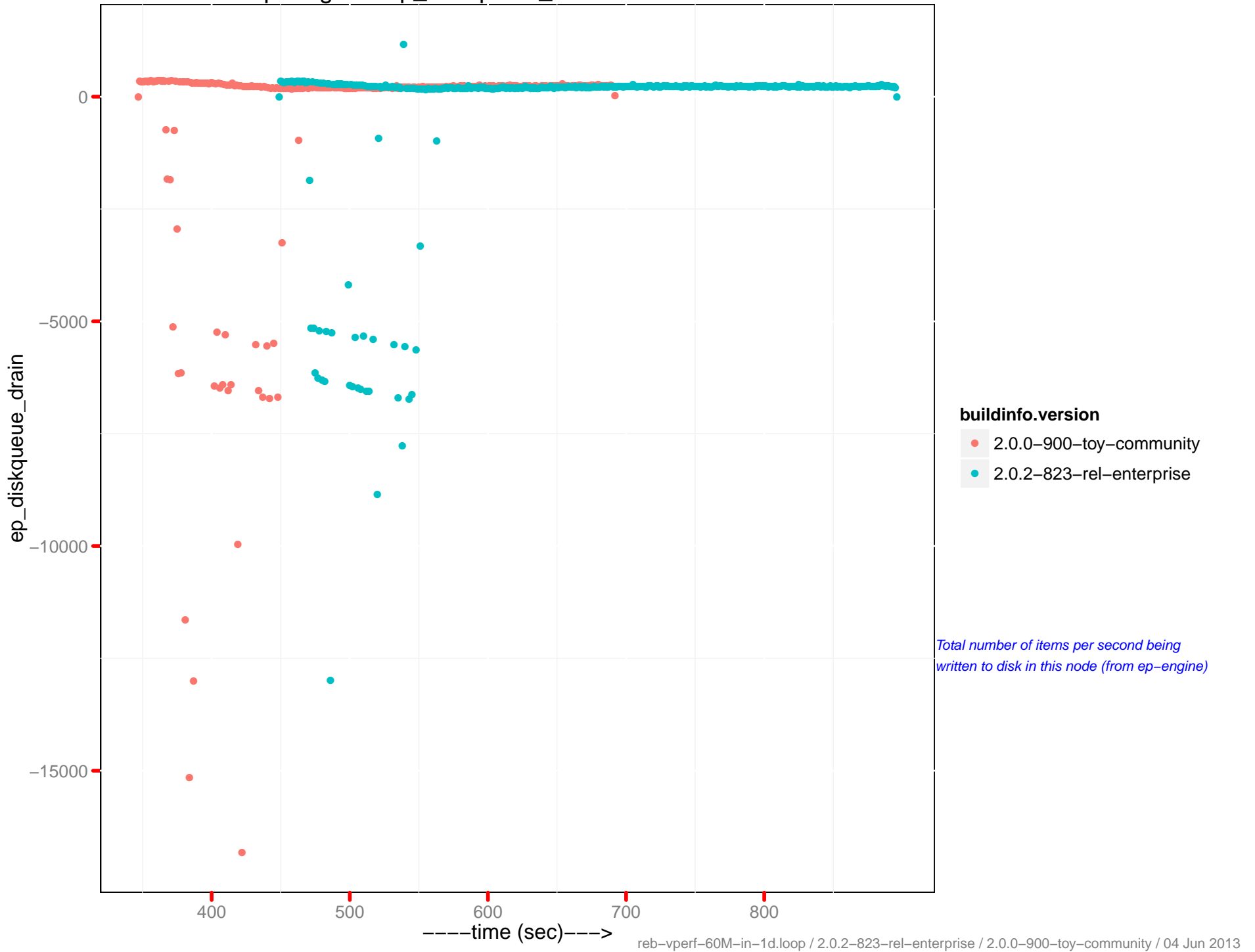
ep-engine : ep_diskqueue_drain - 172.23.96.15



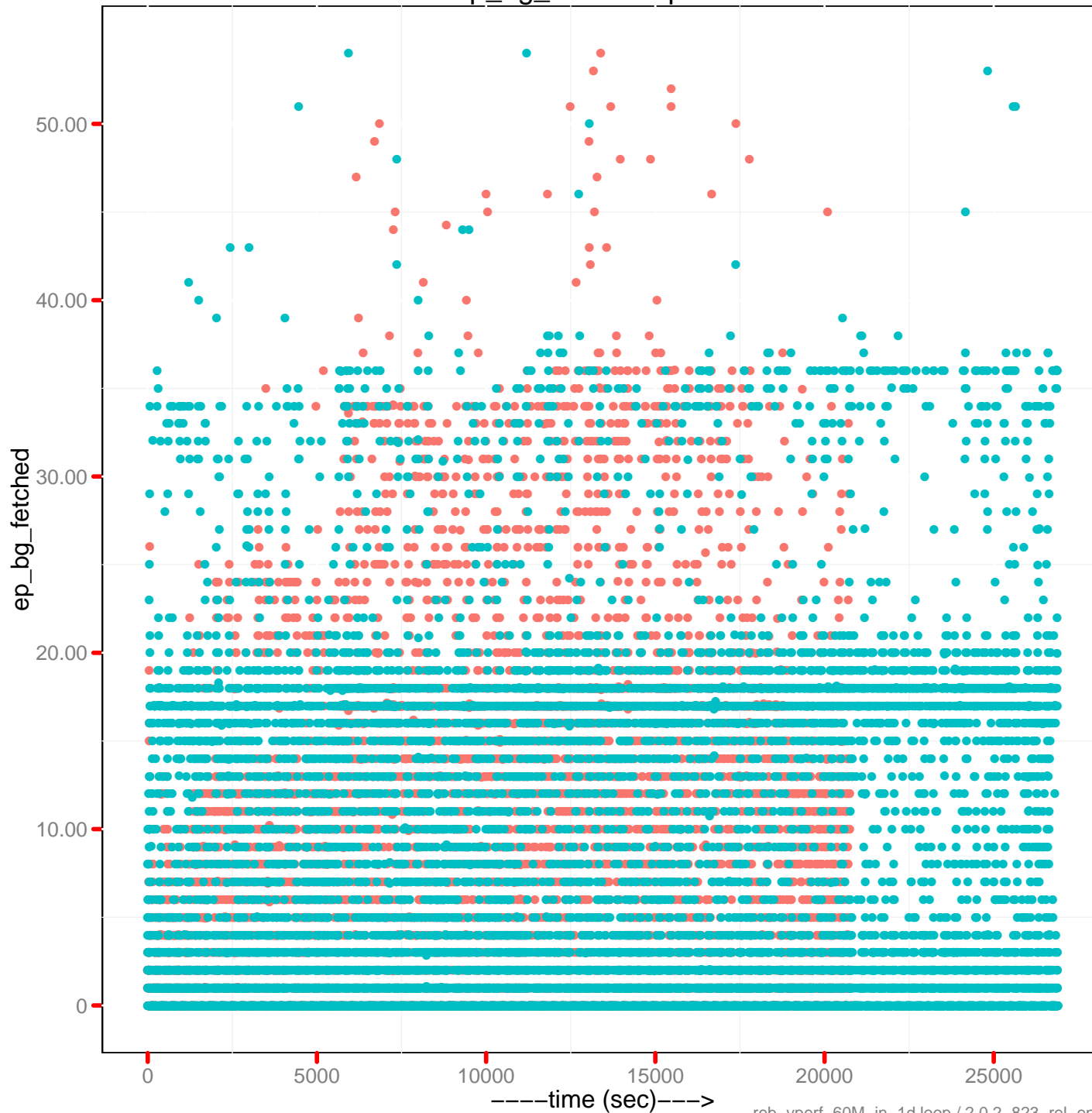
ep-engine : ep_diskqueue_drain - 172.23.96.16



ep-engine : ep_diskqueue_drain - 172.23.96.17



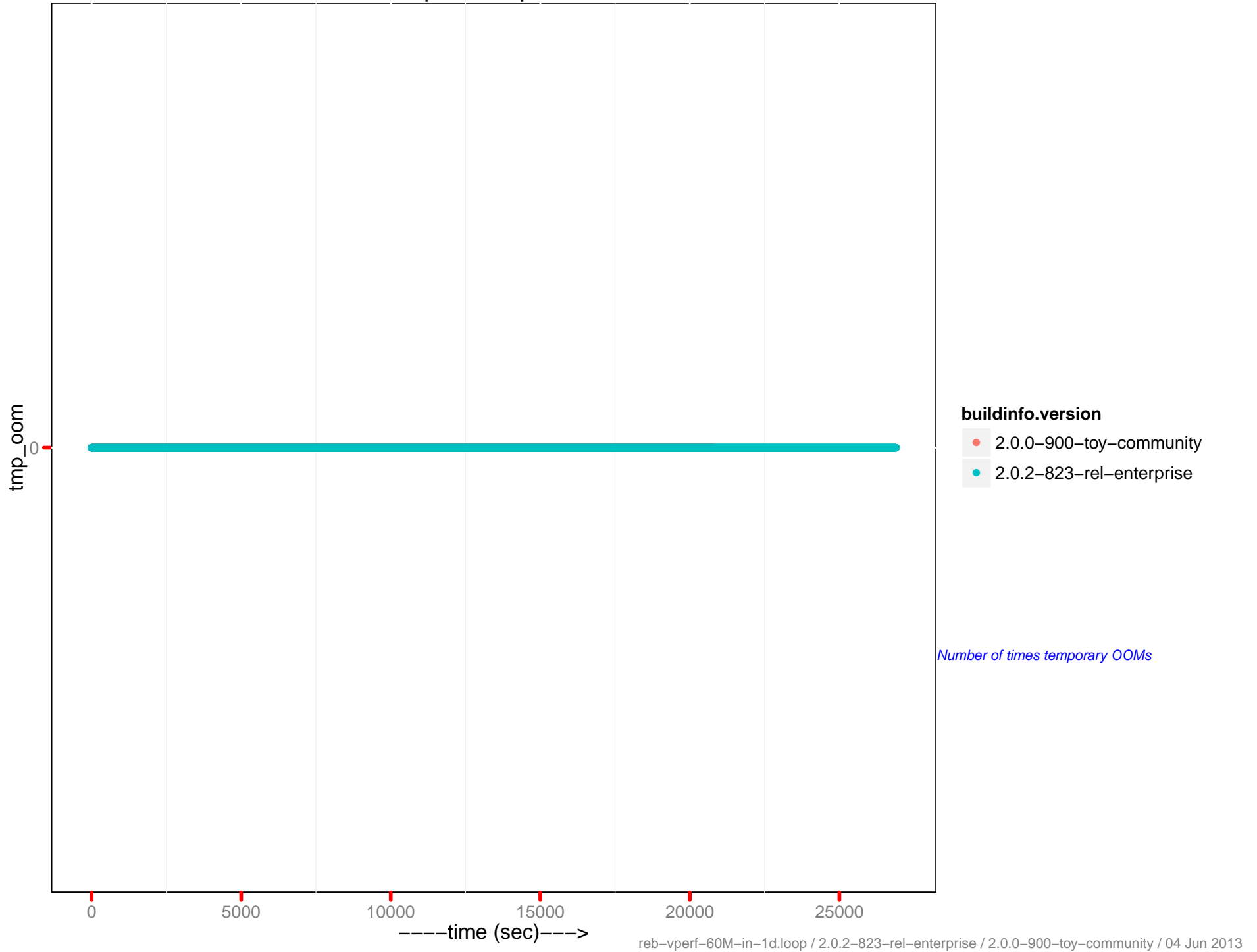
ep_bg_fetched ops/sec



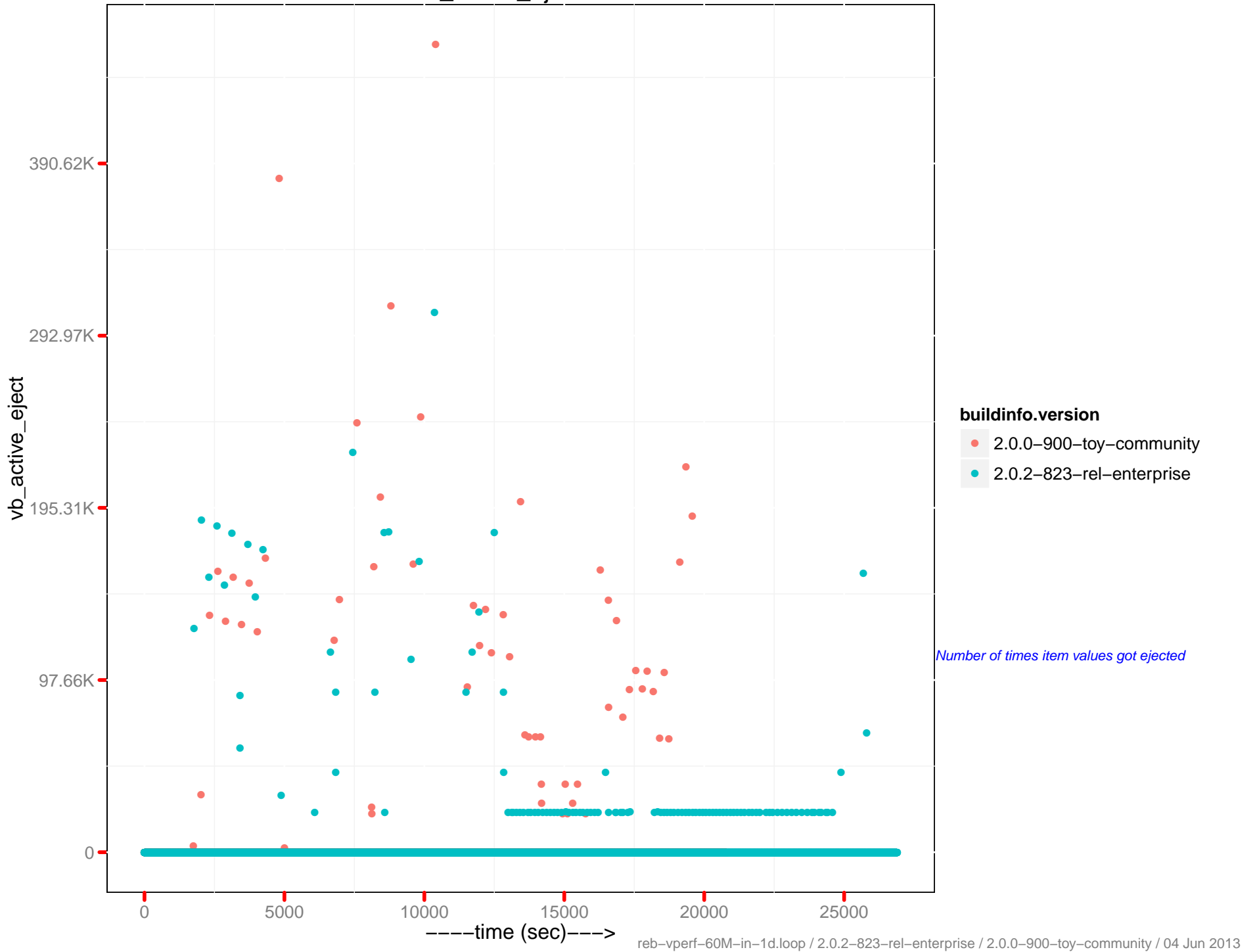
buildinfo.version
● 2.0.0-900-toy-community
● 2.0.2-823-rel-enterprise

Number of items fetched from disk

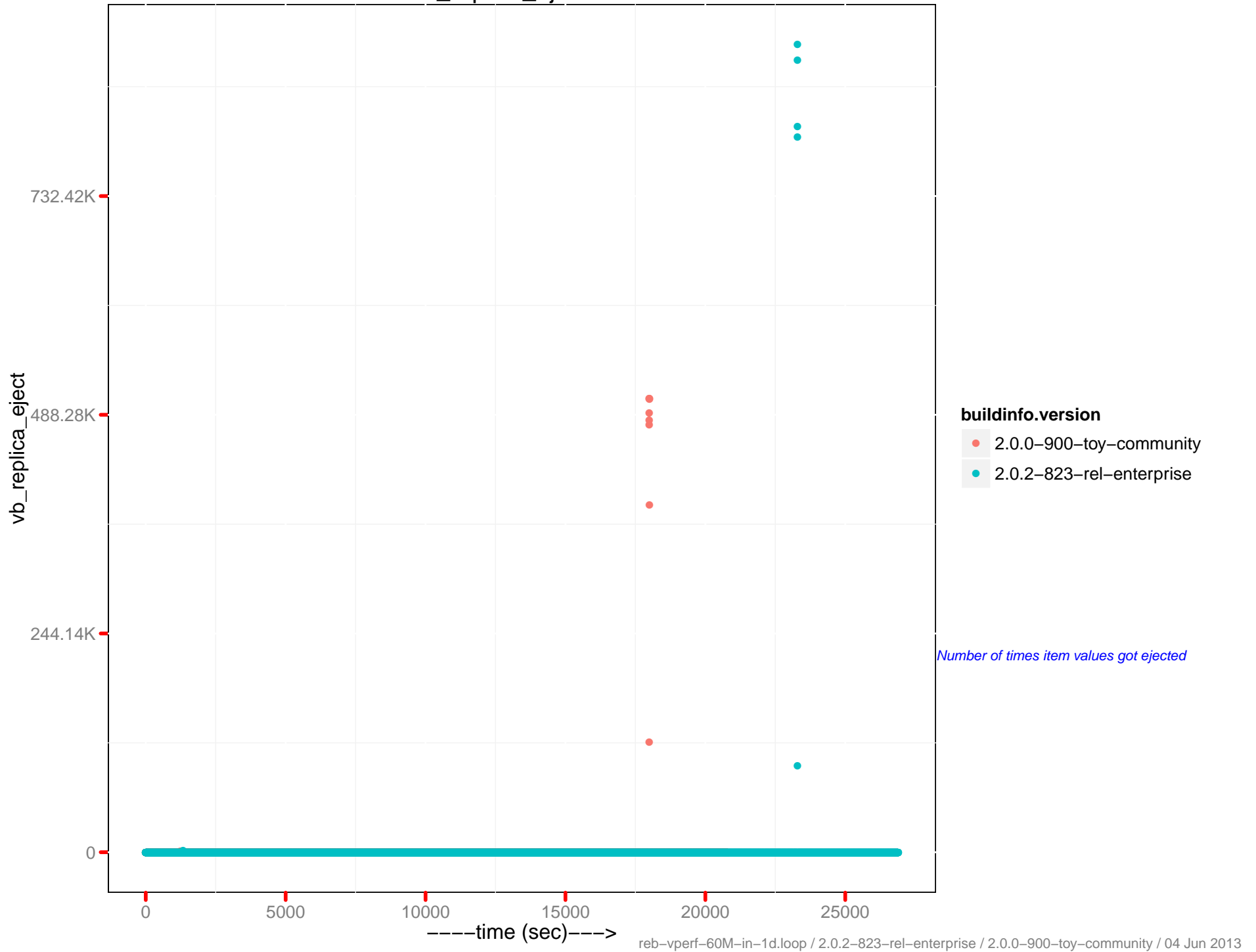
tmp_oom ops/sec



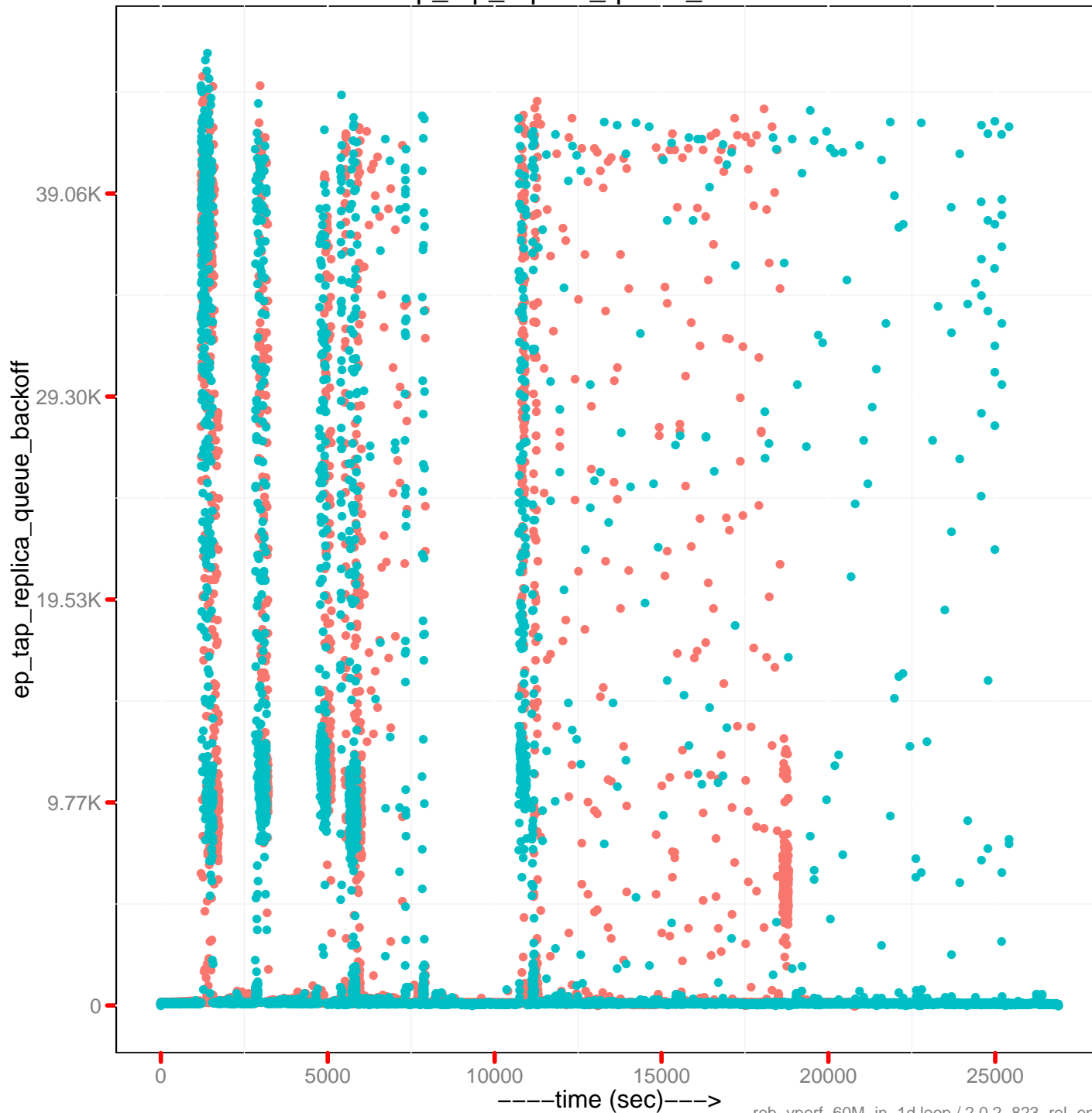
vb_active_eject/sec



vb_replica_eject/sec



ep_tap_replica_queue_drain/sec

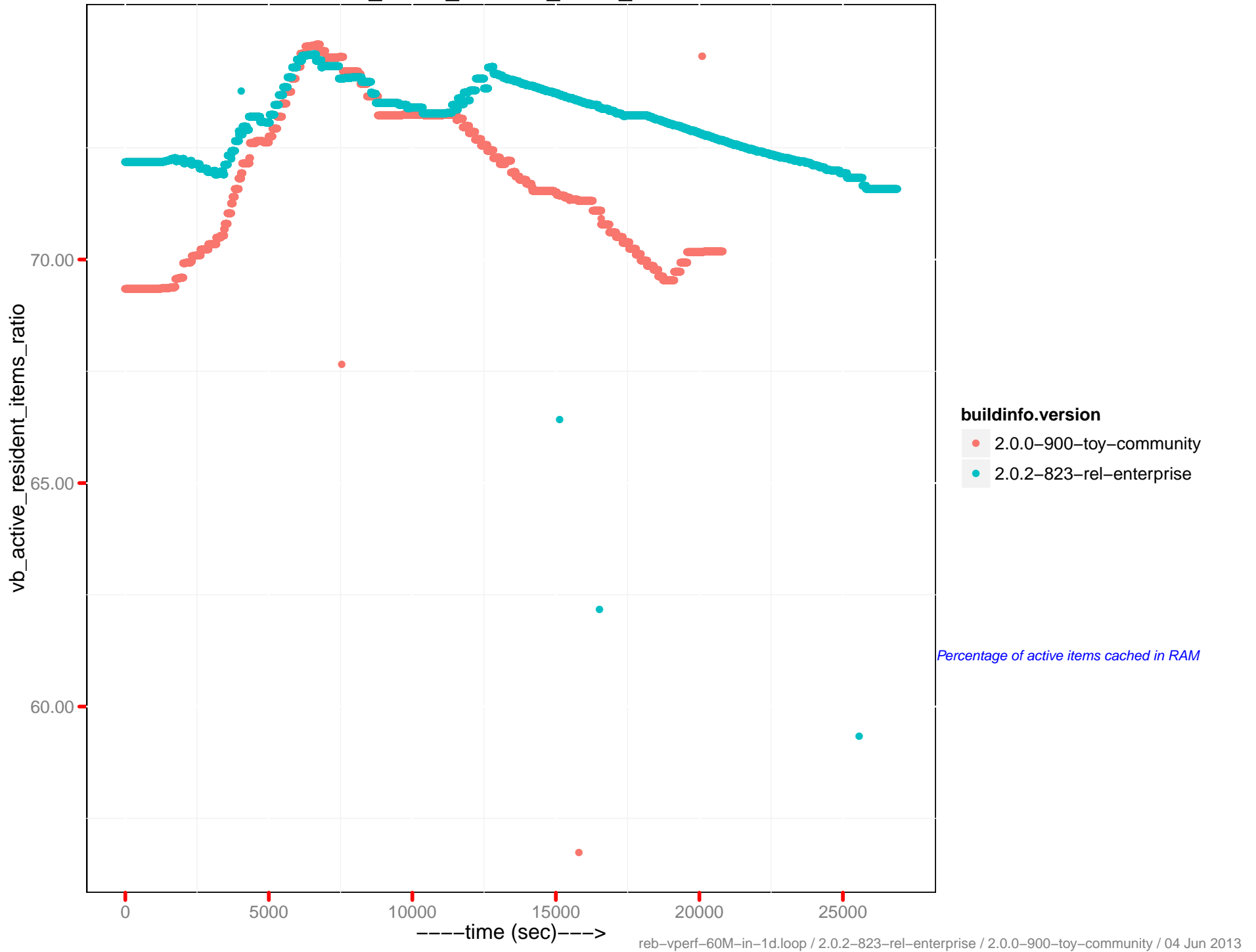


buildinfo.version

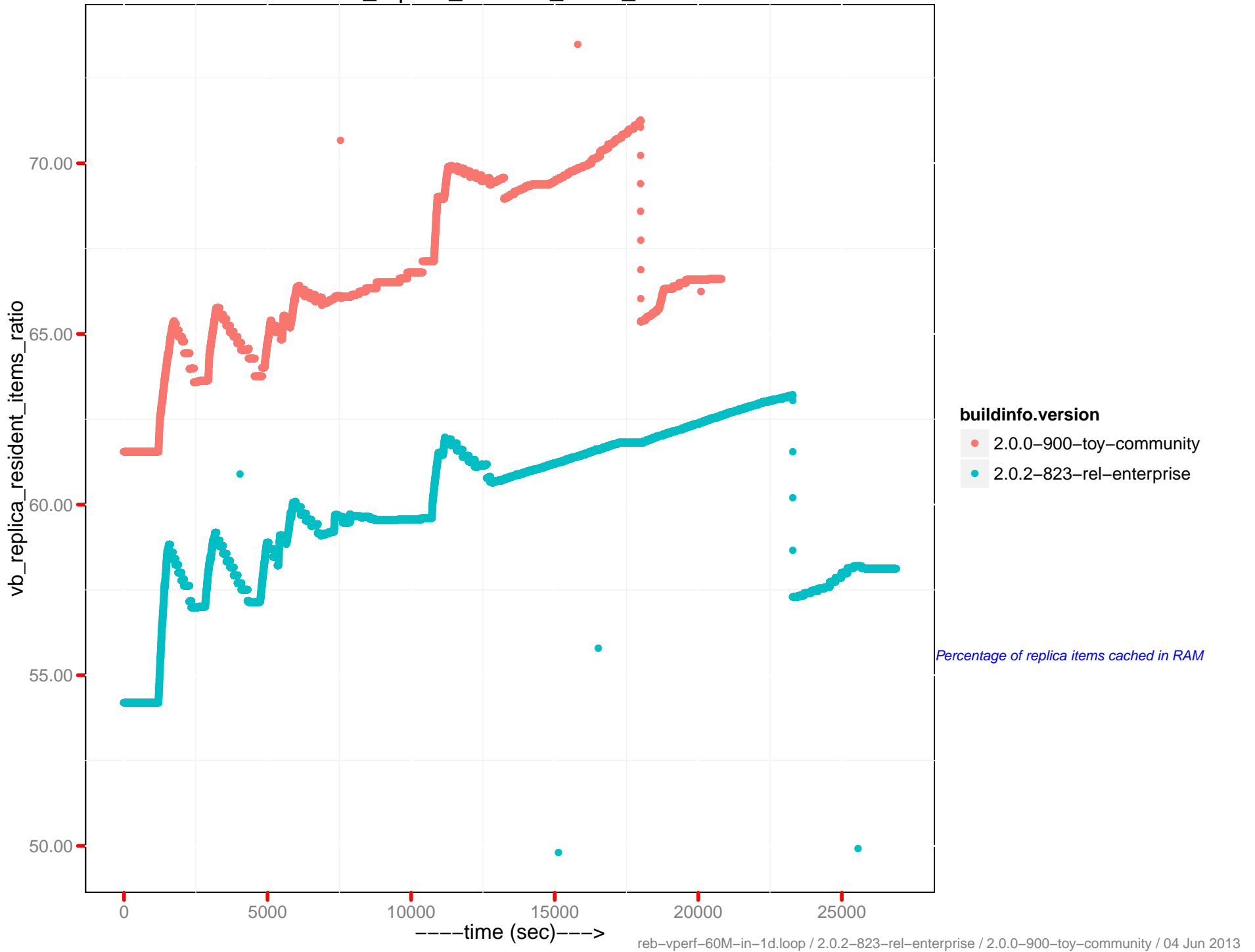
- 2.0.0-900-toy-community
- 2.0.2-823-rel-enterprise

*Number of items per second
been sent over replication
TAP connections*

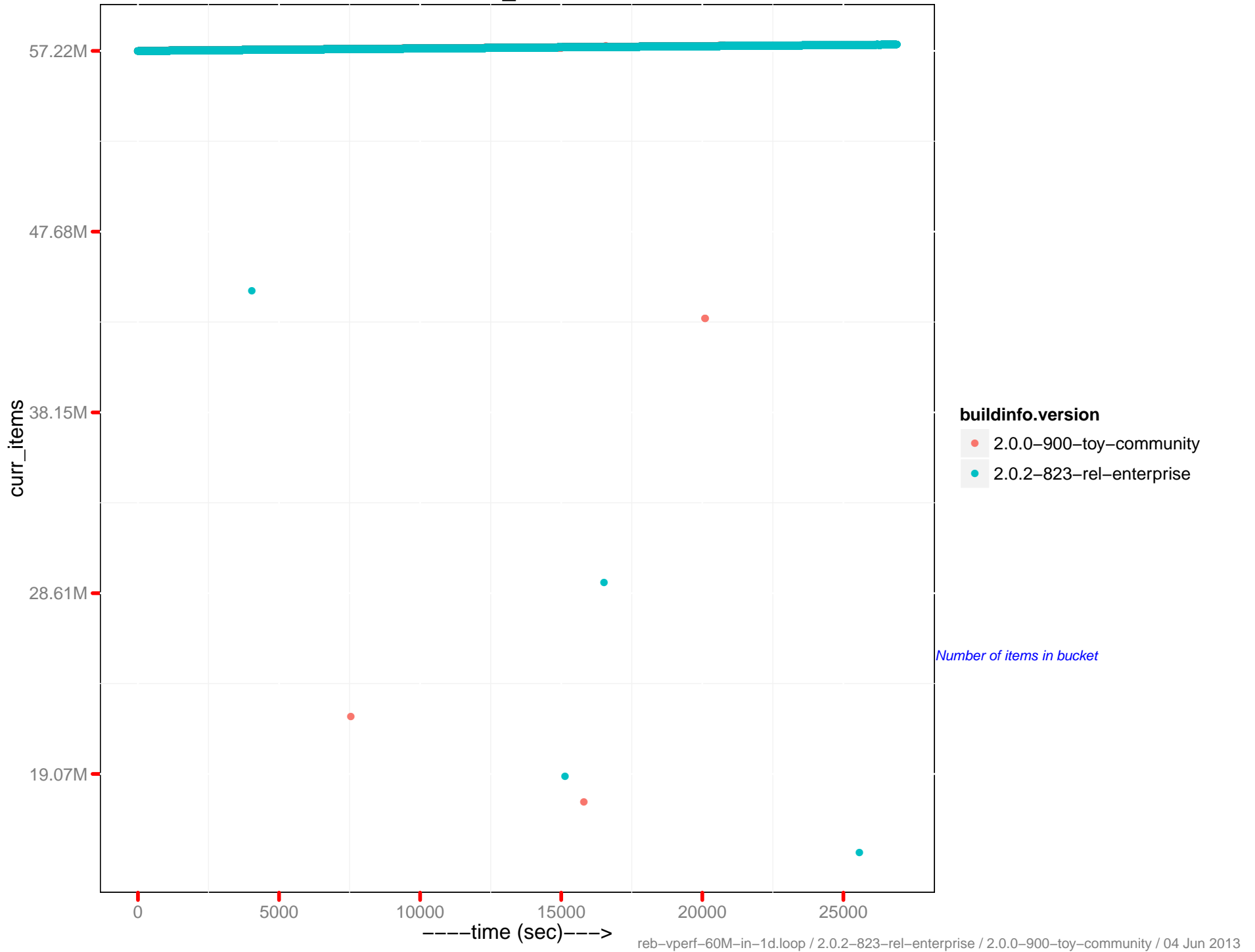
vb_active_resident_items_ratio



vb_replica_resident_items_ratio



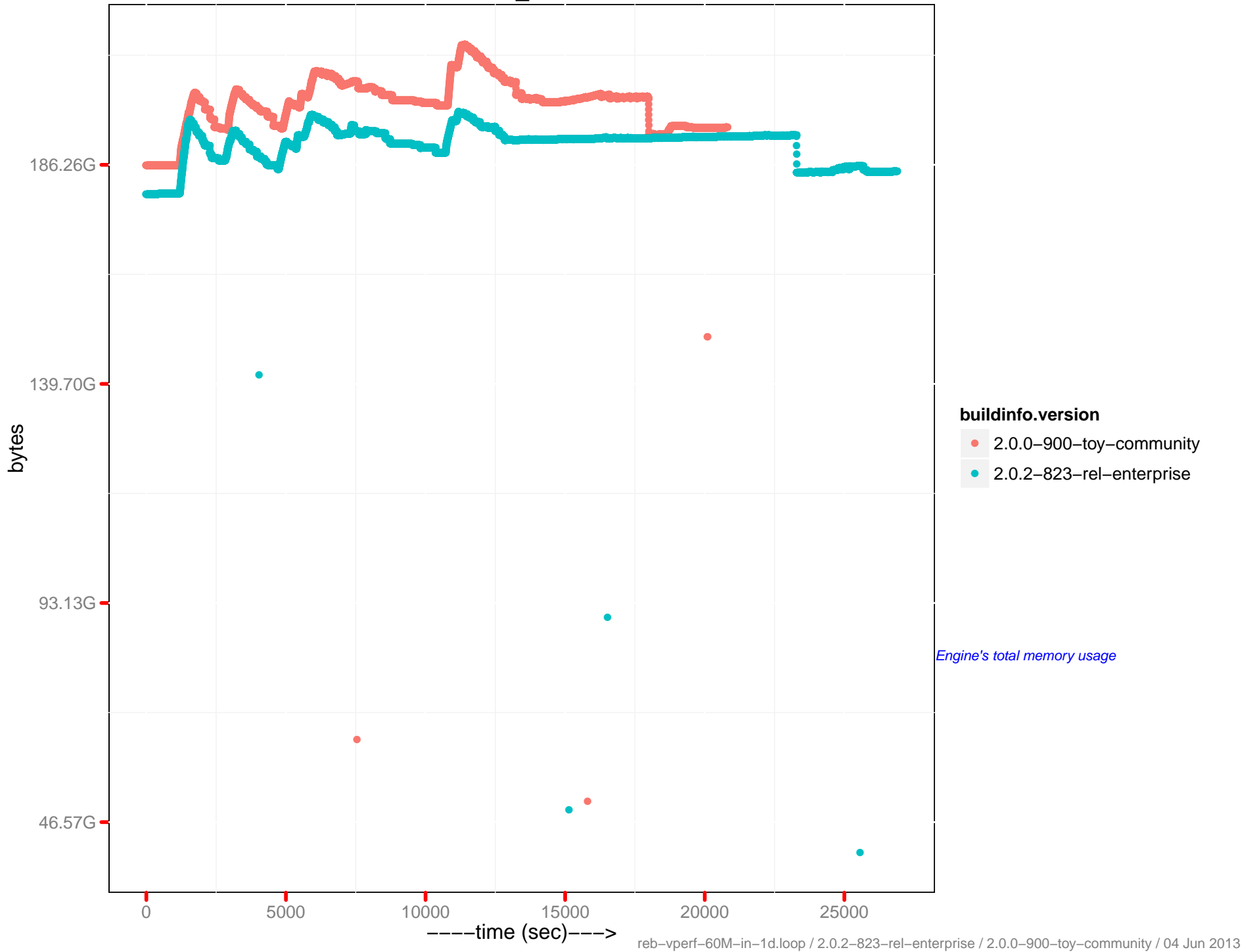
curr_items



cur_items_total

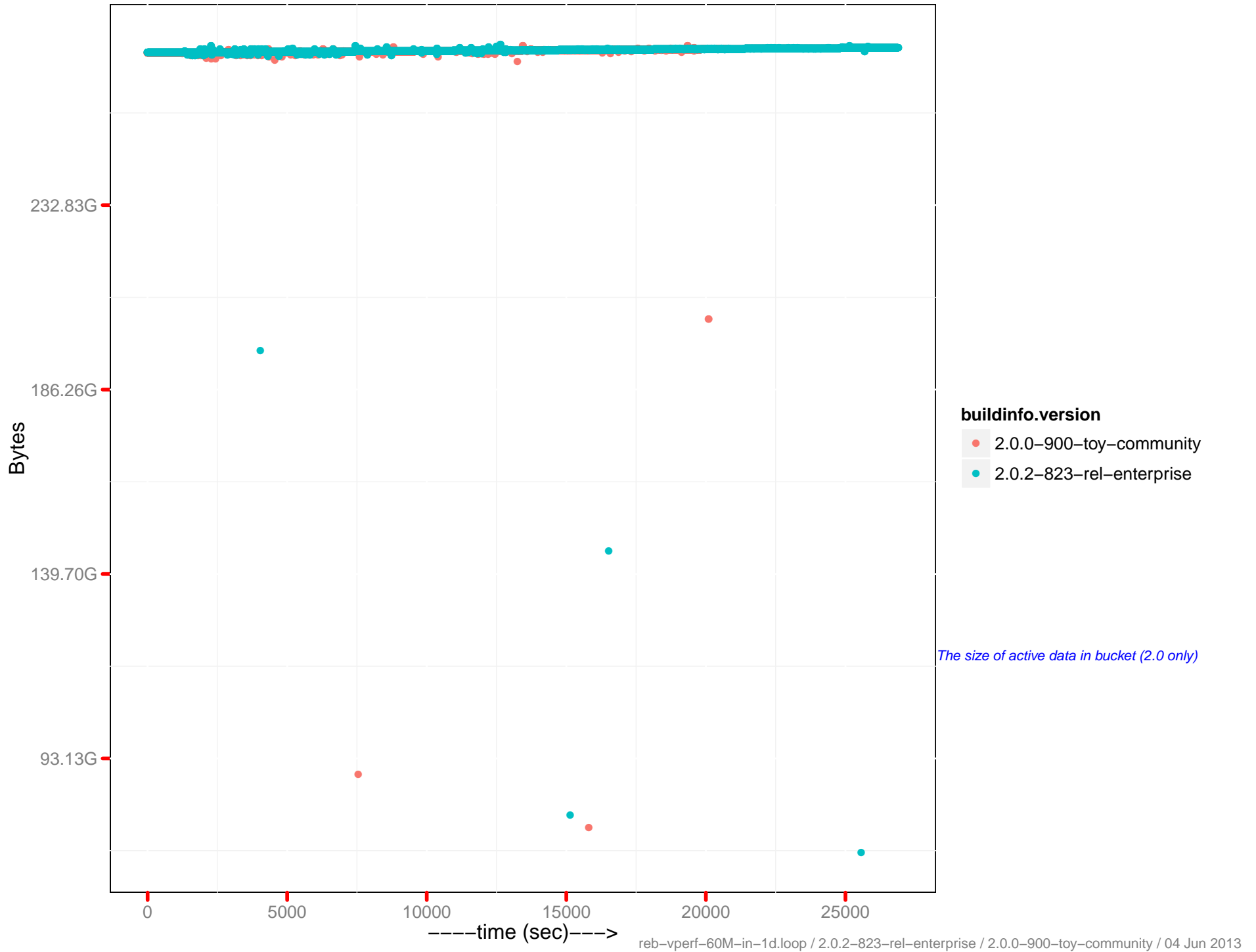


mem_used

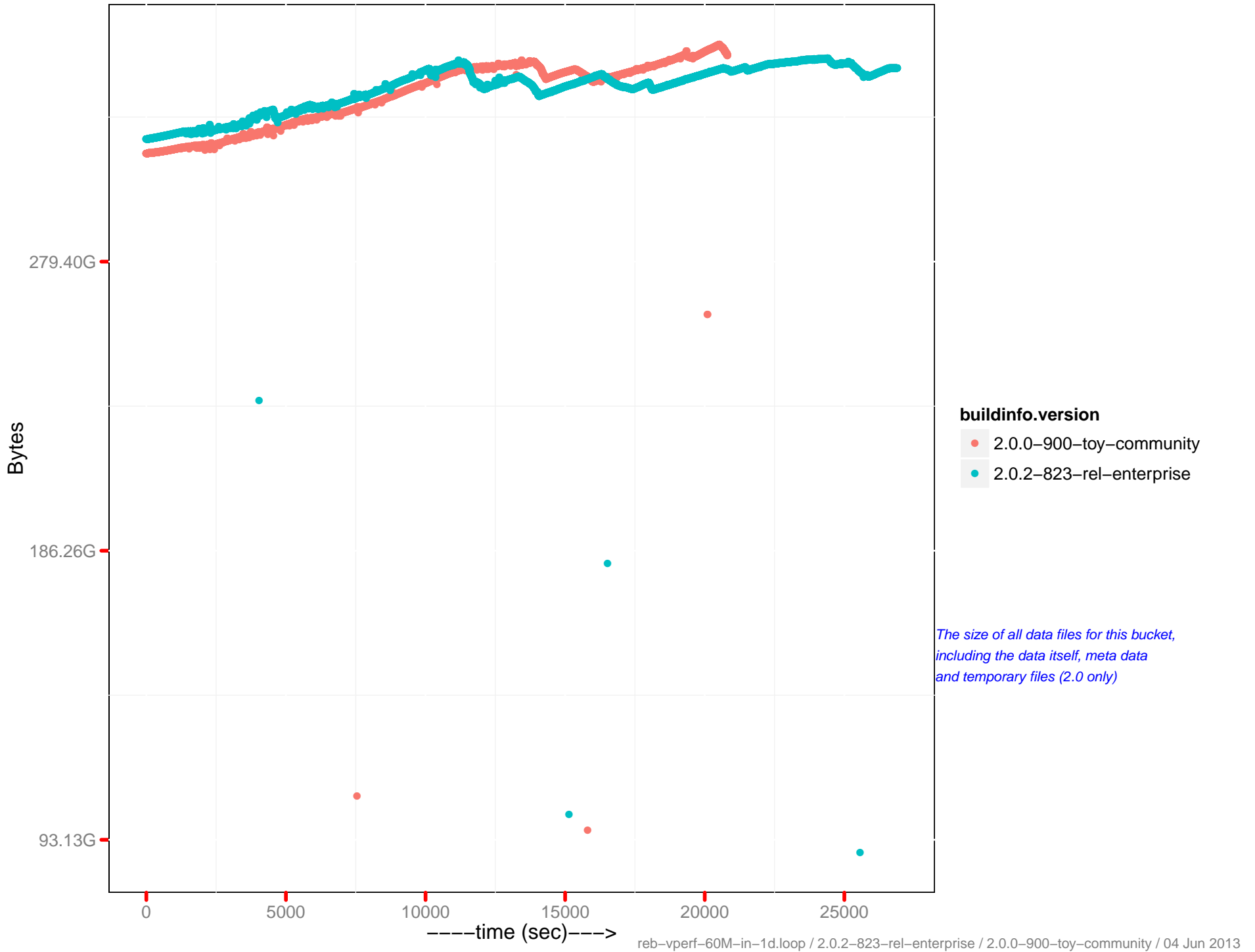


Engine's total memory usage

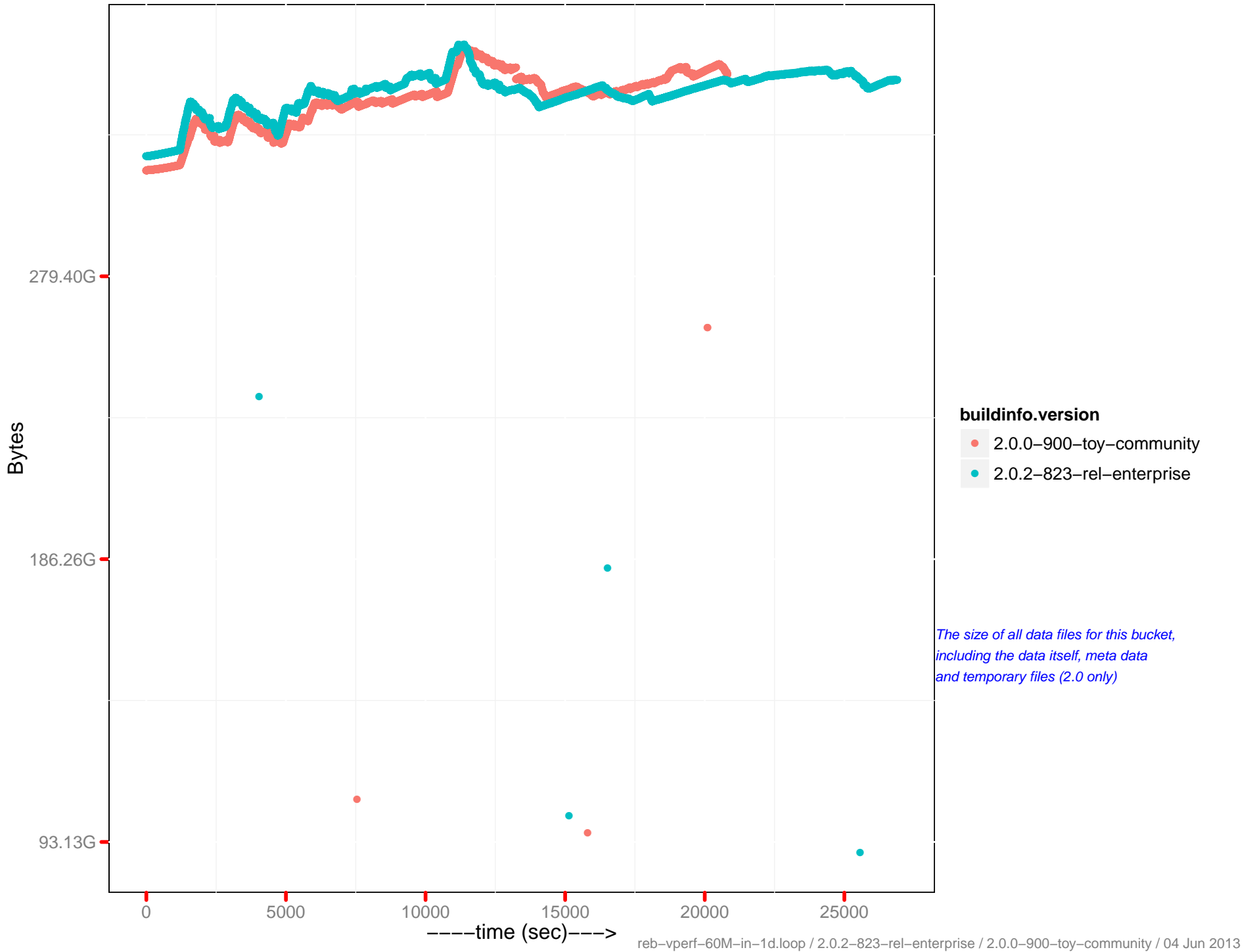
Docs data size



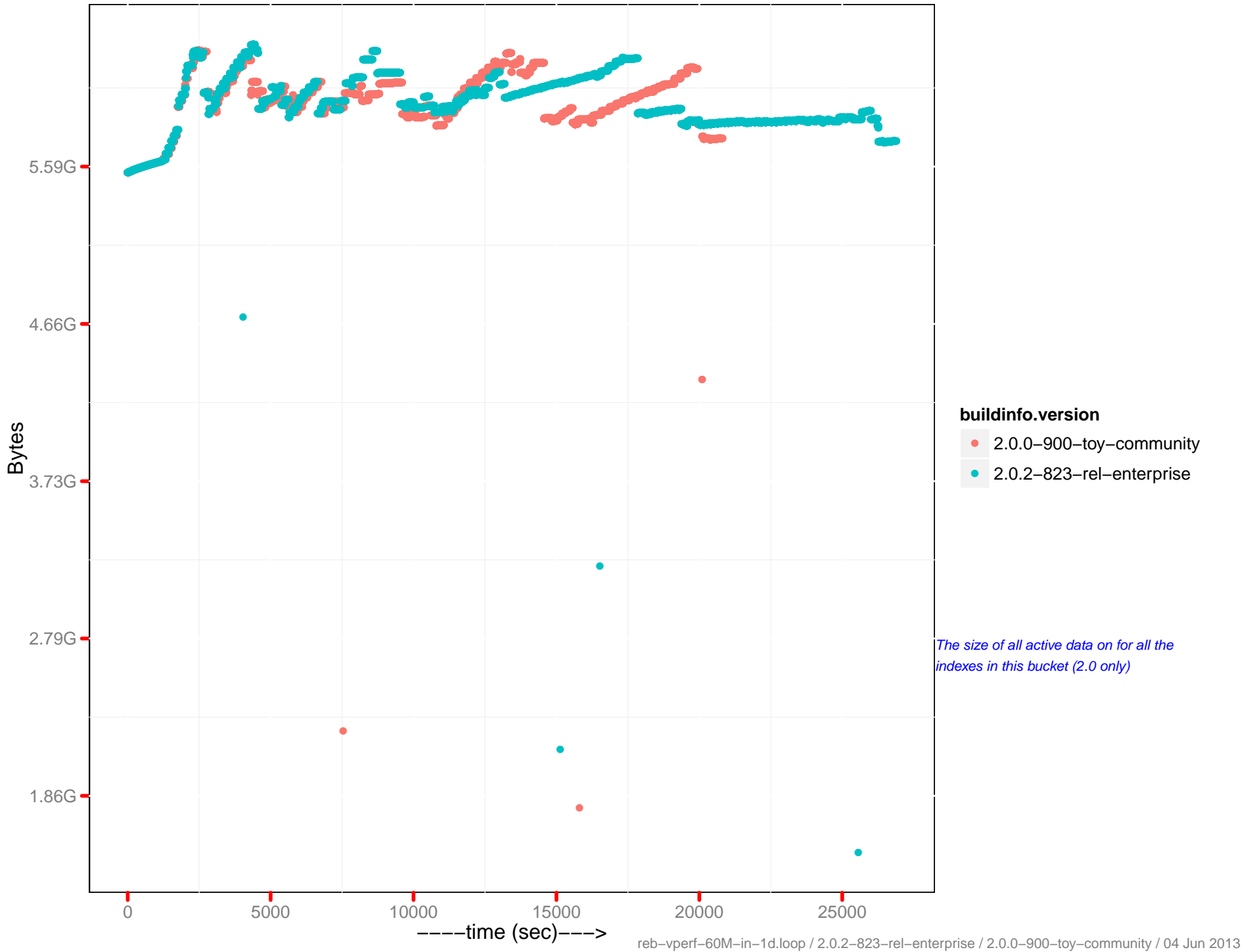
Docs disk size



Docs actual disk size

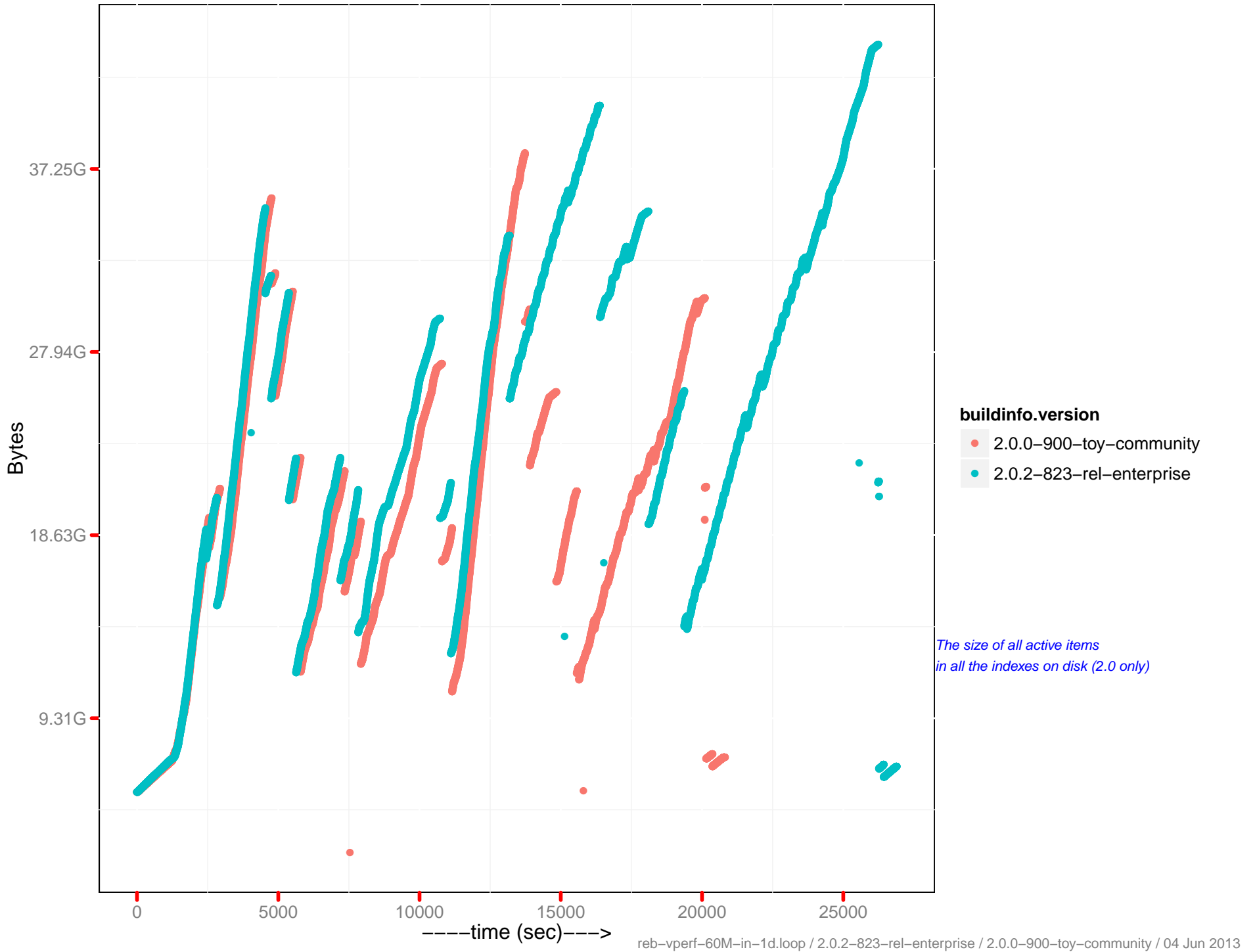


Views data size

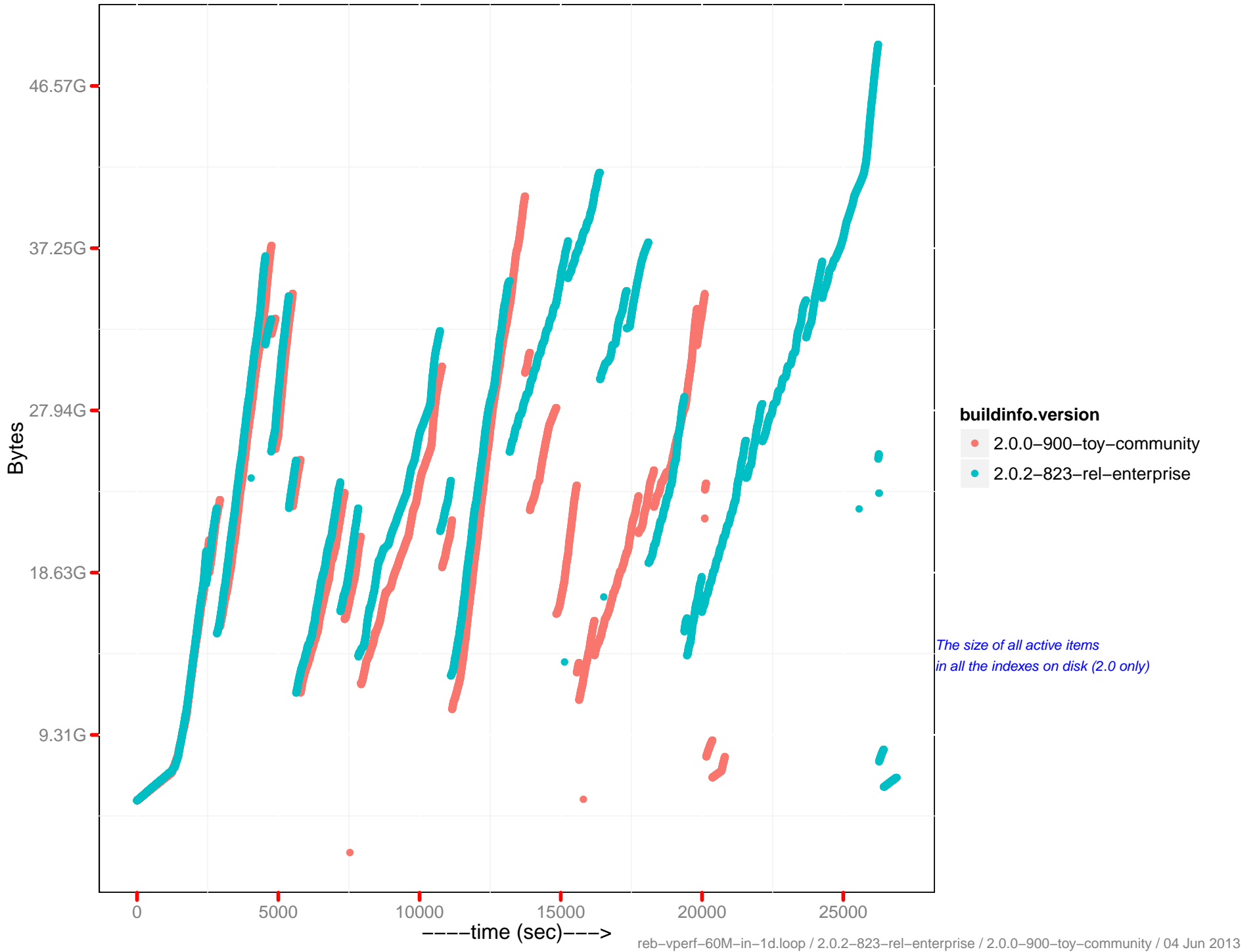


The size of all active data on for all the indexes in this bucket (2.0 only)

Views disk size



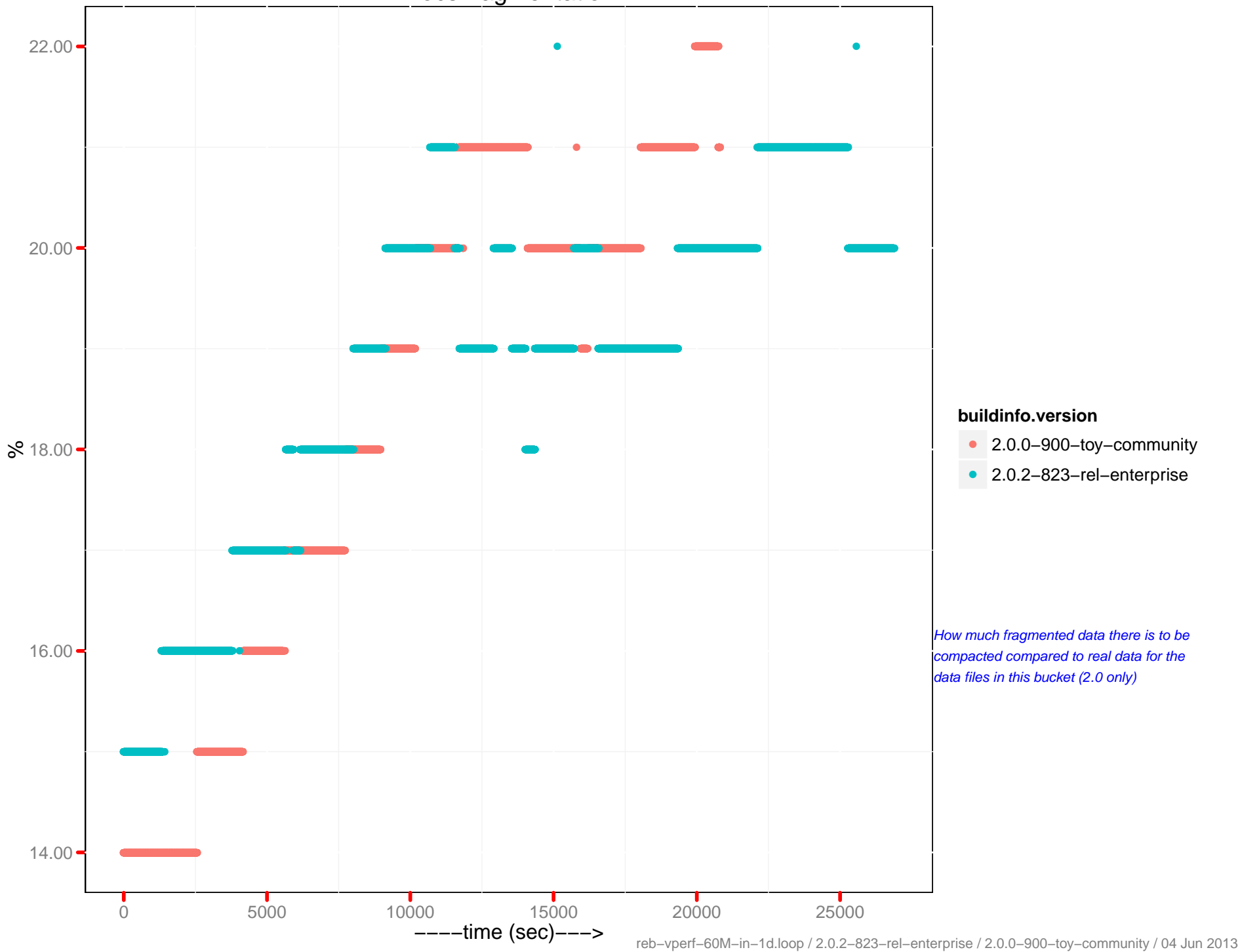
Views actual disk size



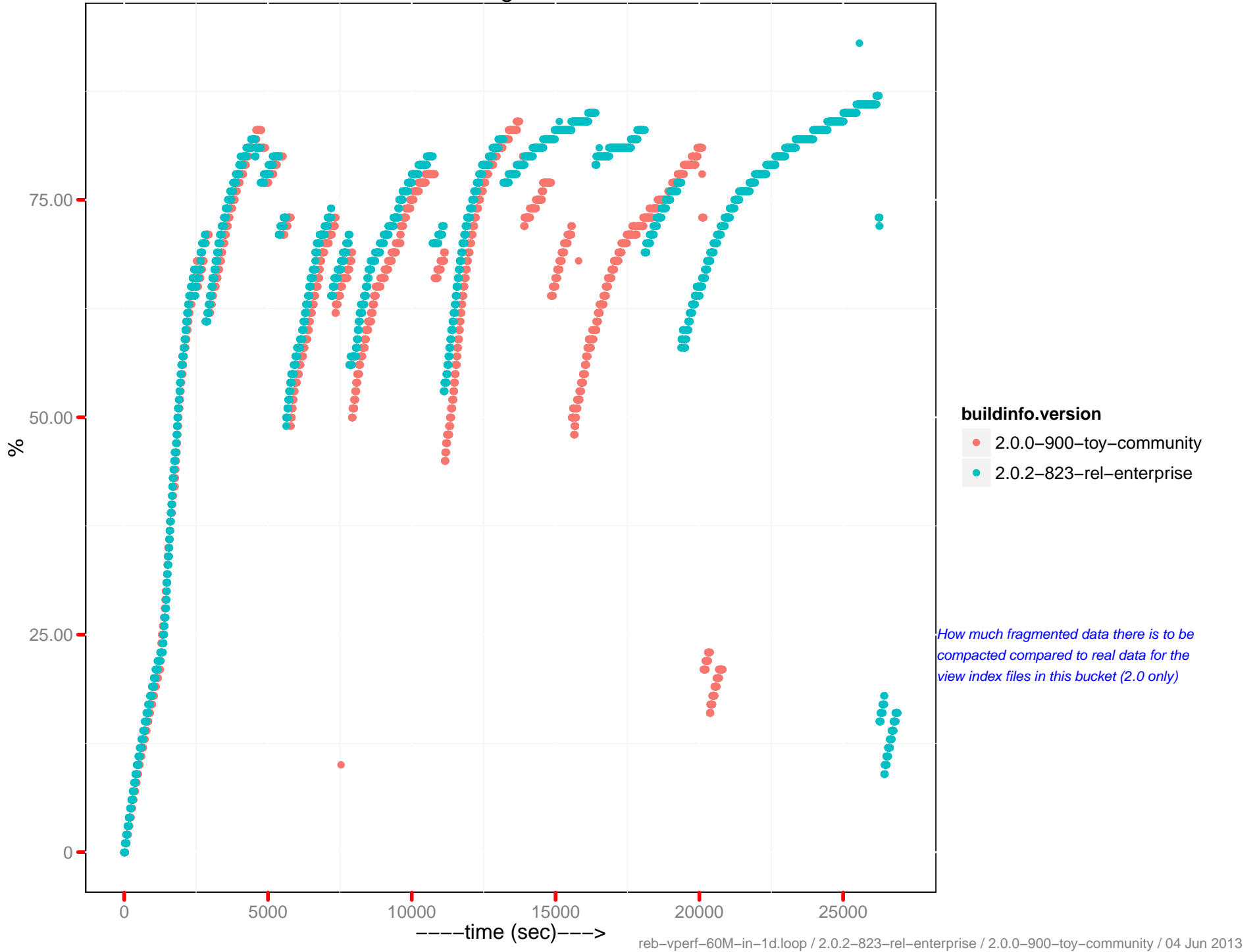
Total disk size



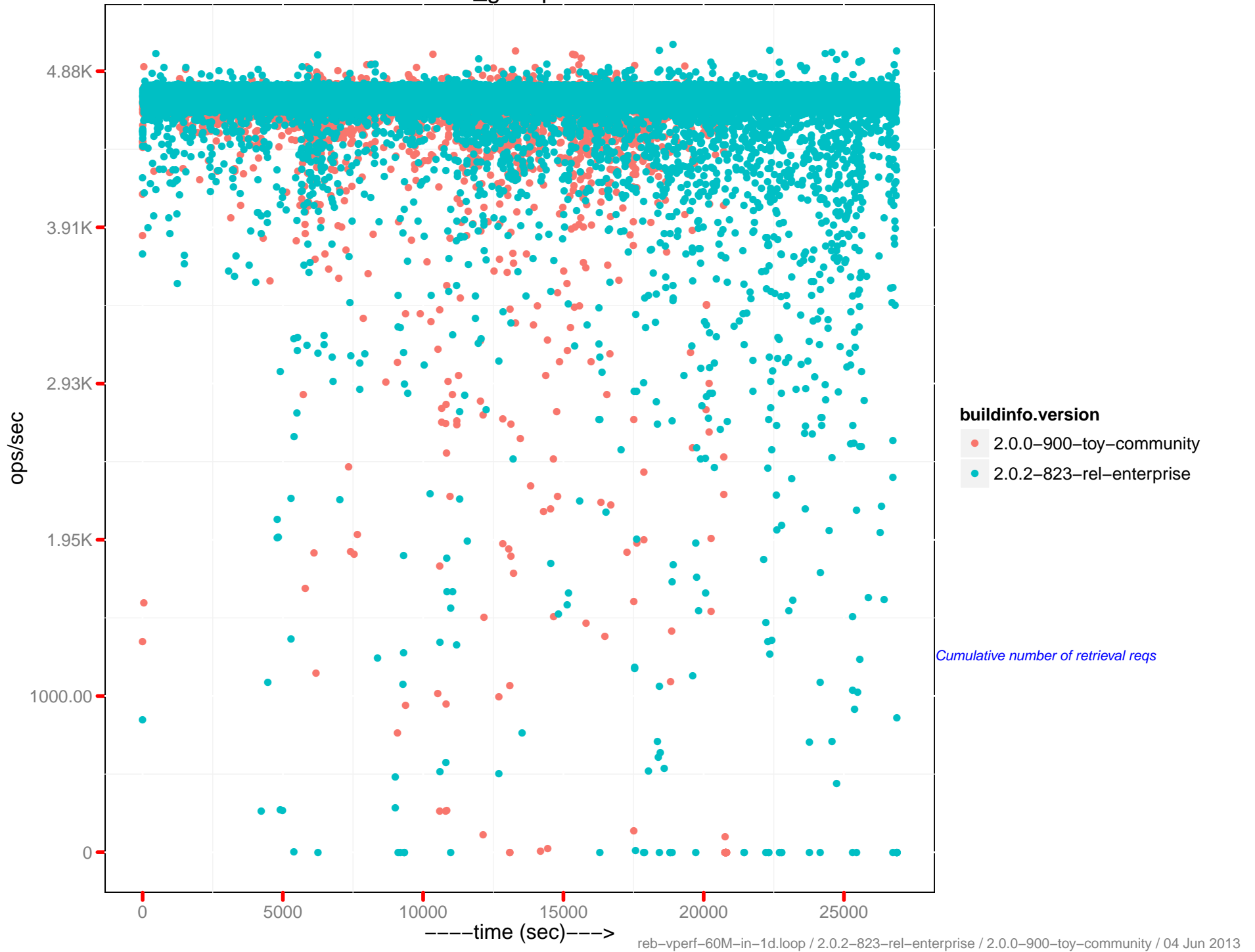
Docs fragmentation



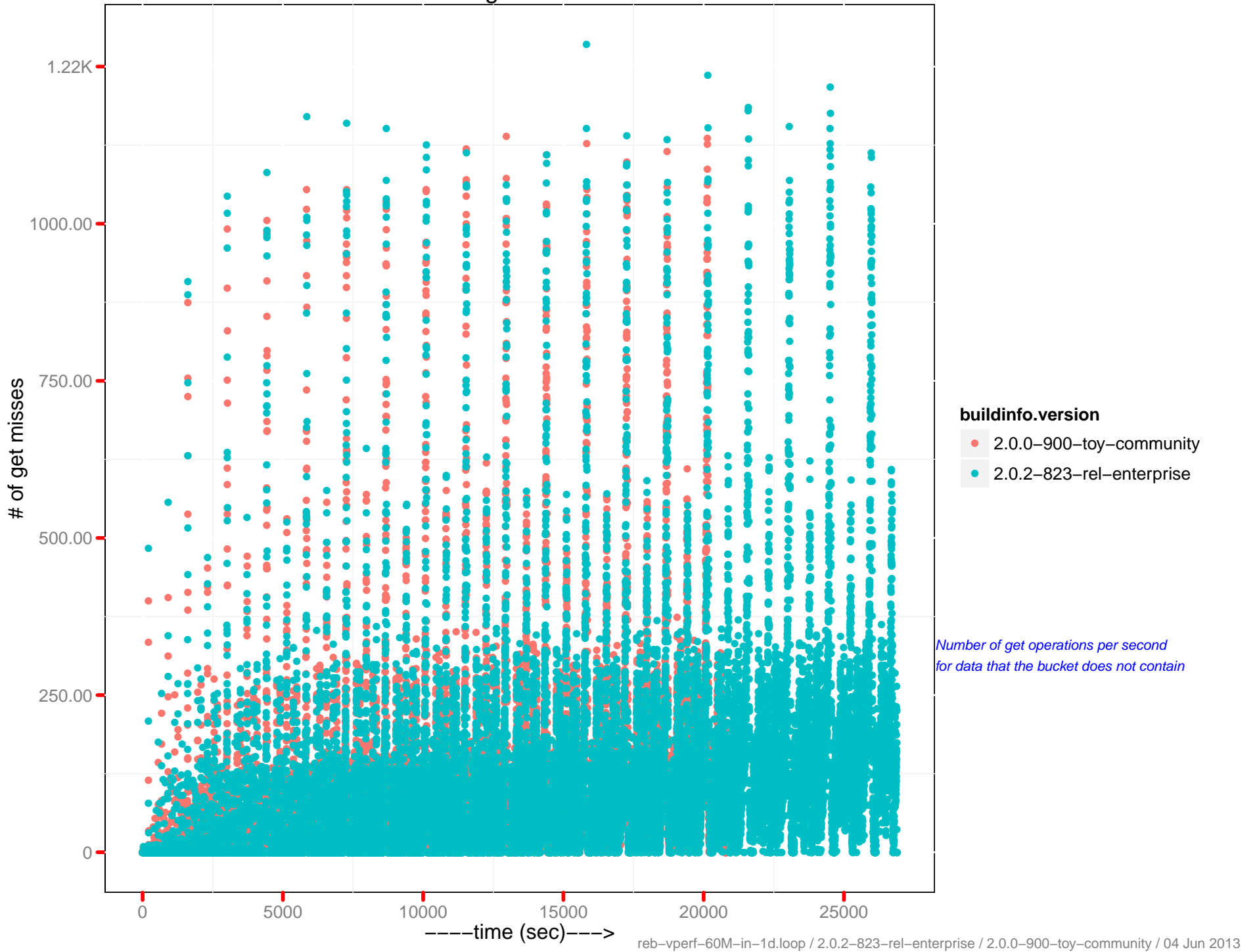
Views fragmentation



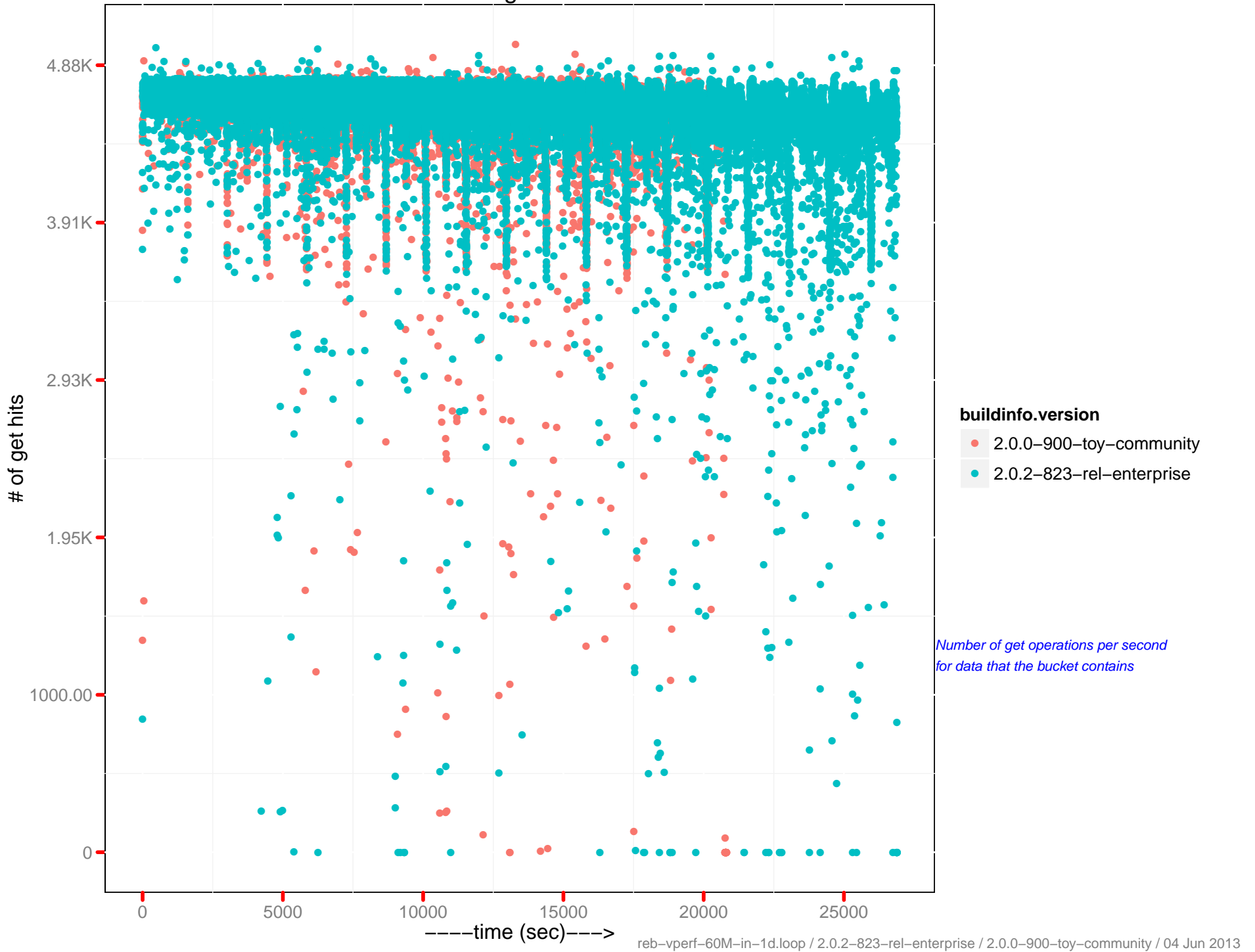
cmd_get ops/sec



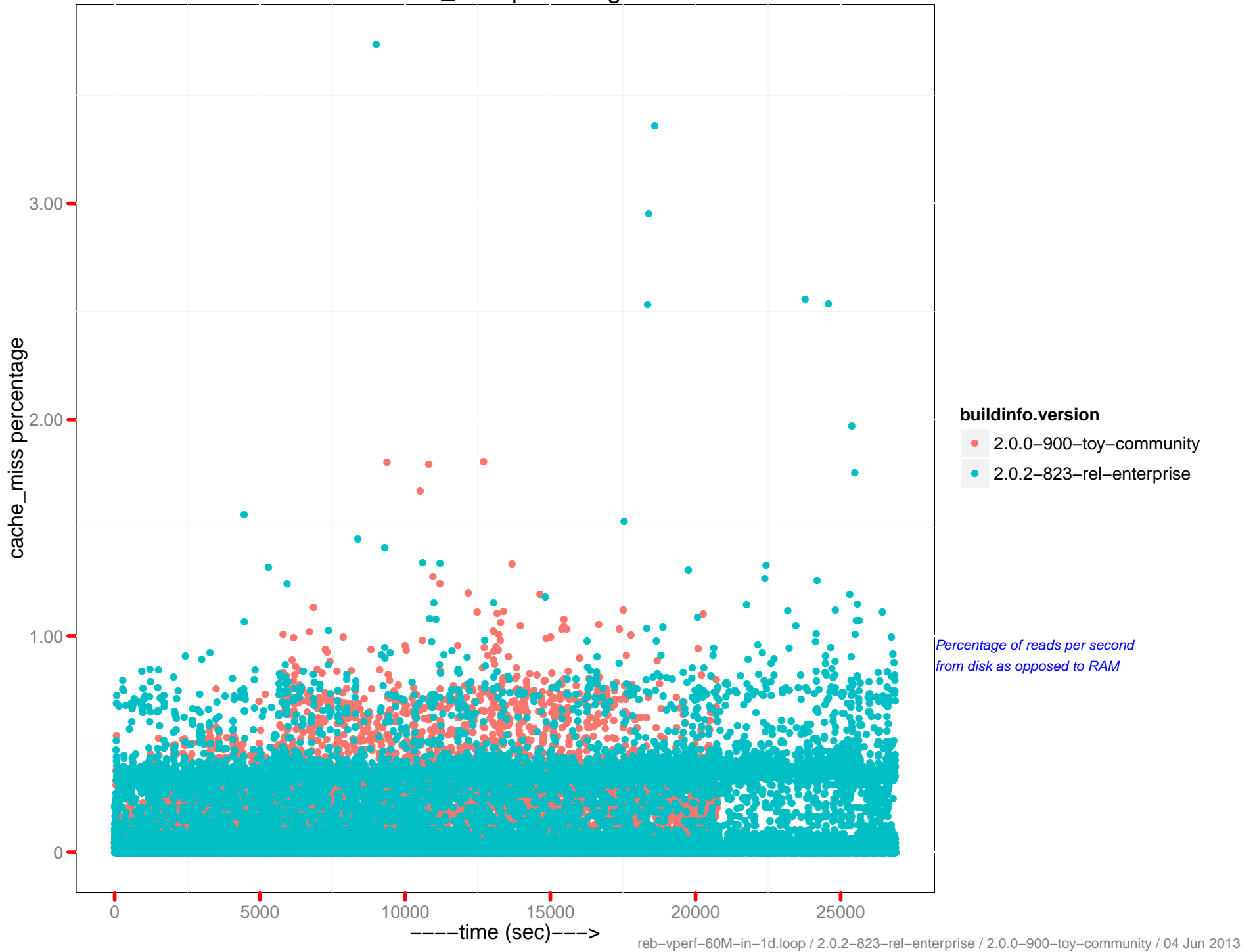
of get misses



of get hits



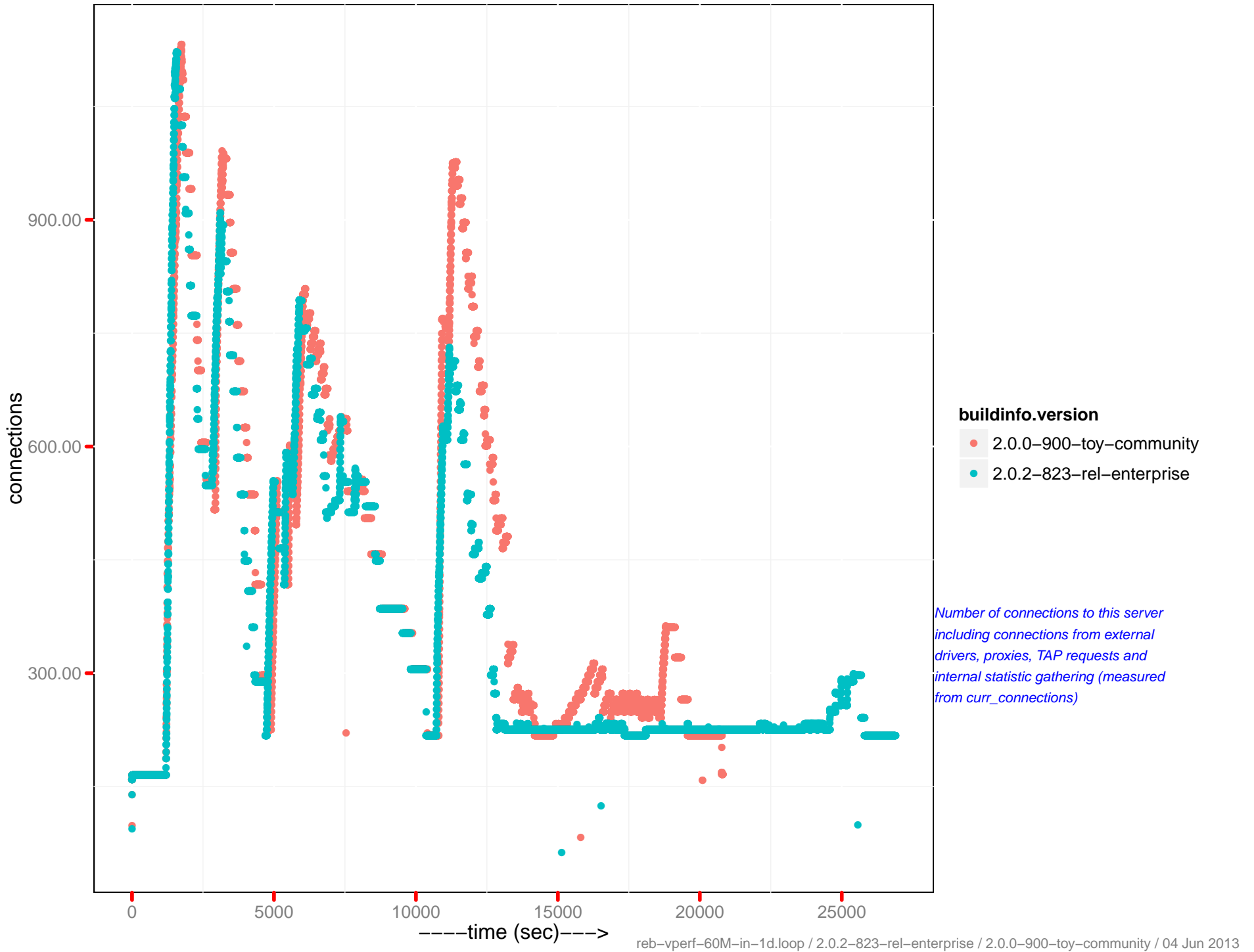
cache_miss percentage



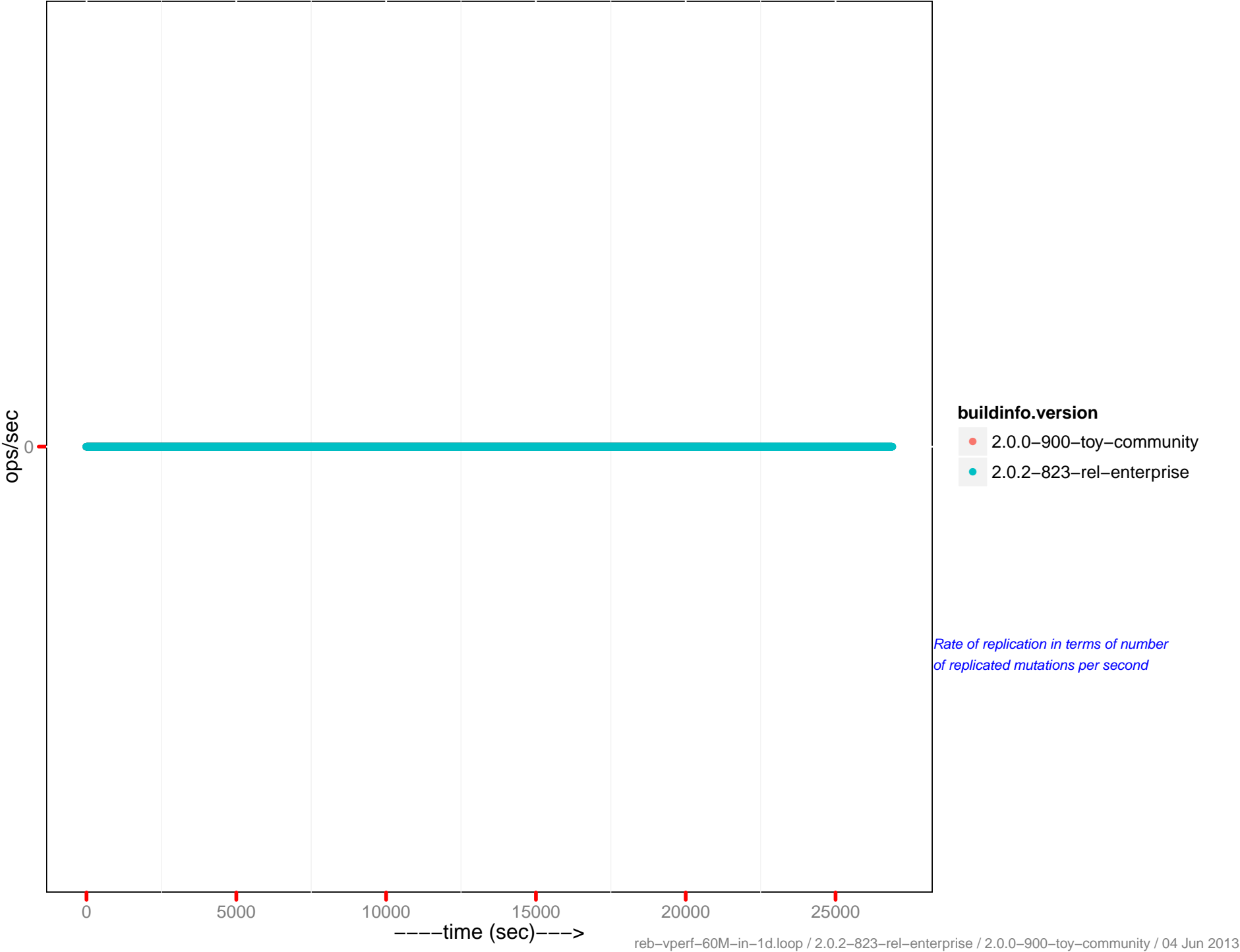
cache_miss percentage 0-5



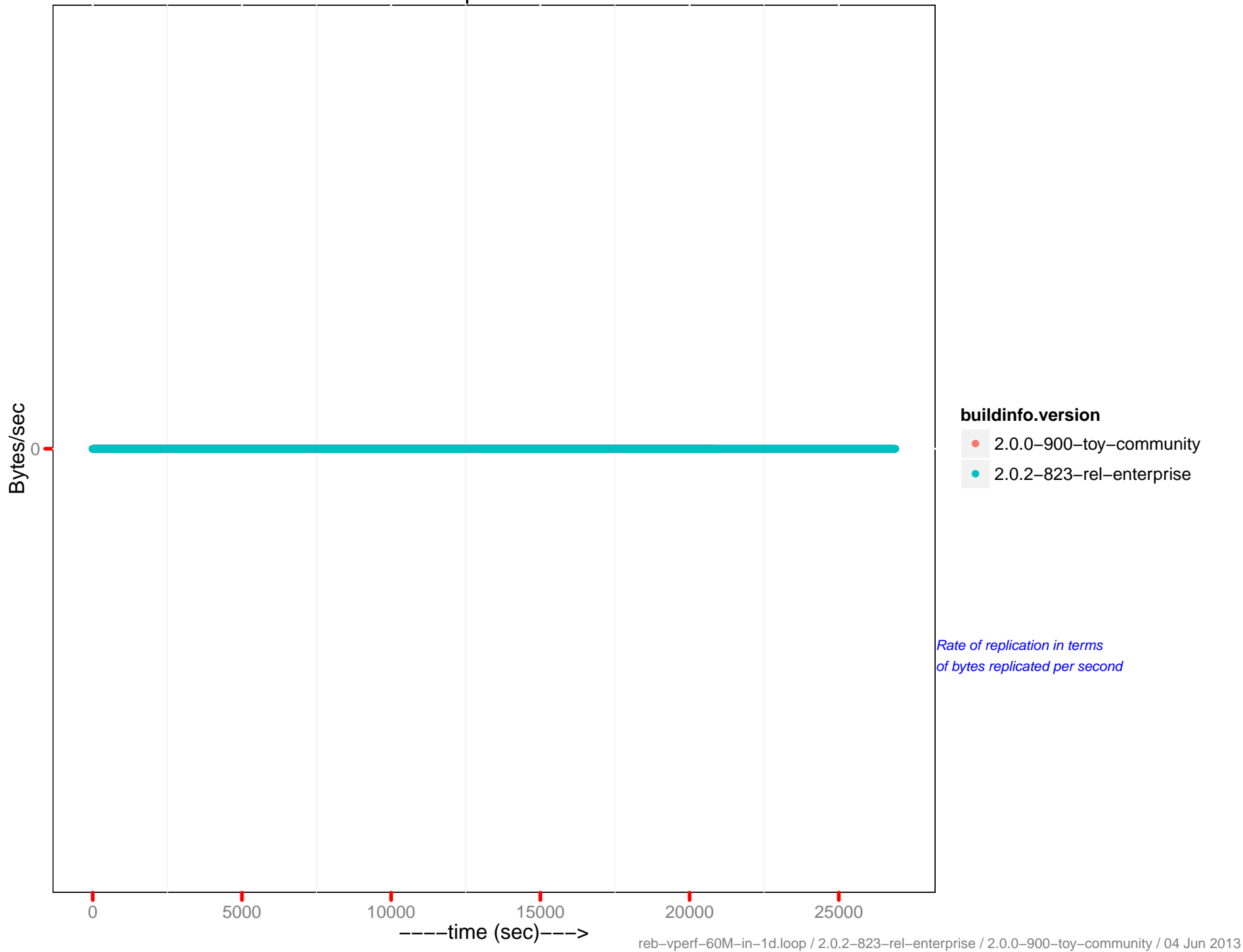
Number of connections



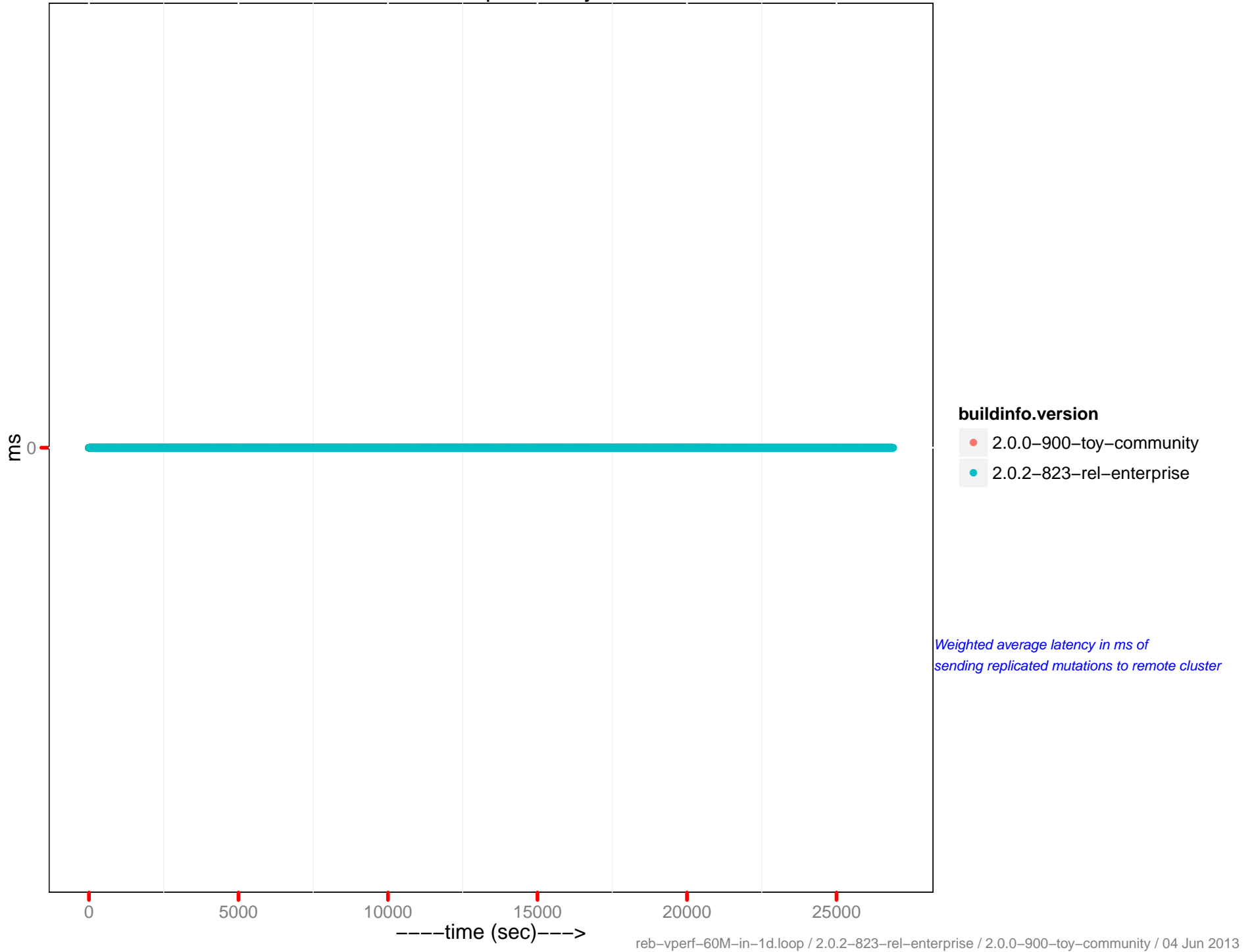
Mutation replication rate



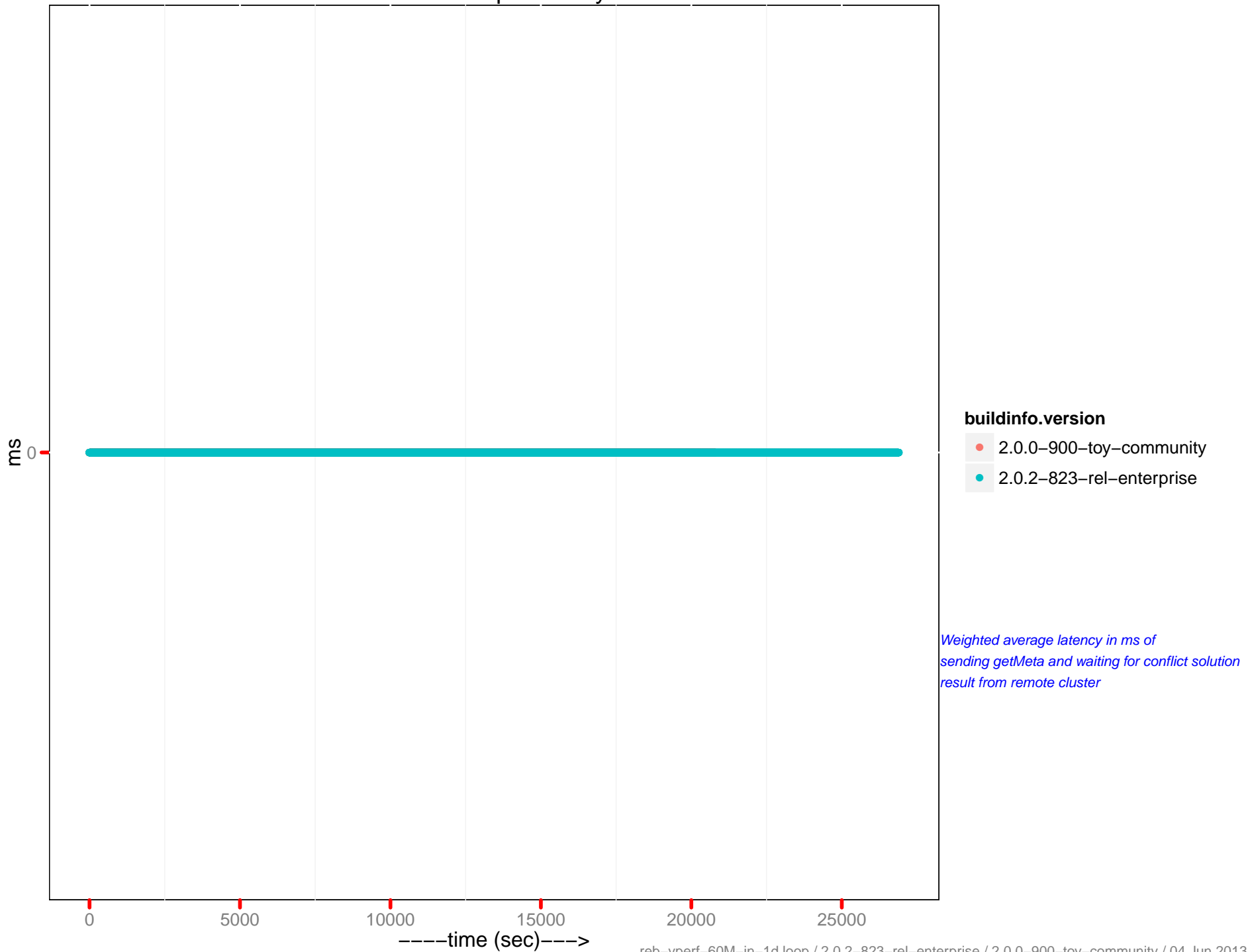
Data replication rate



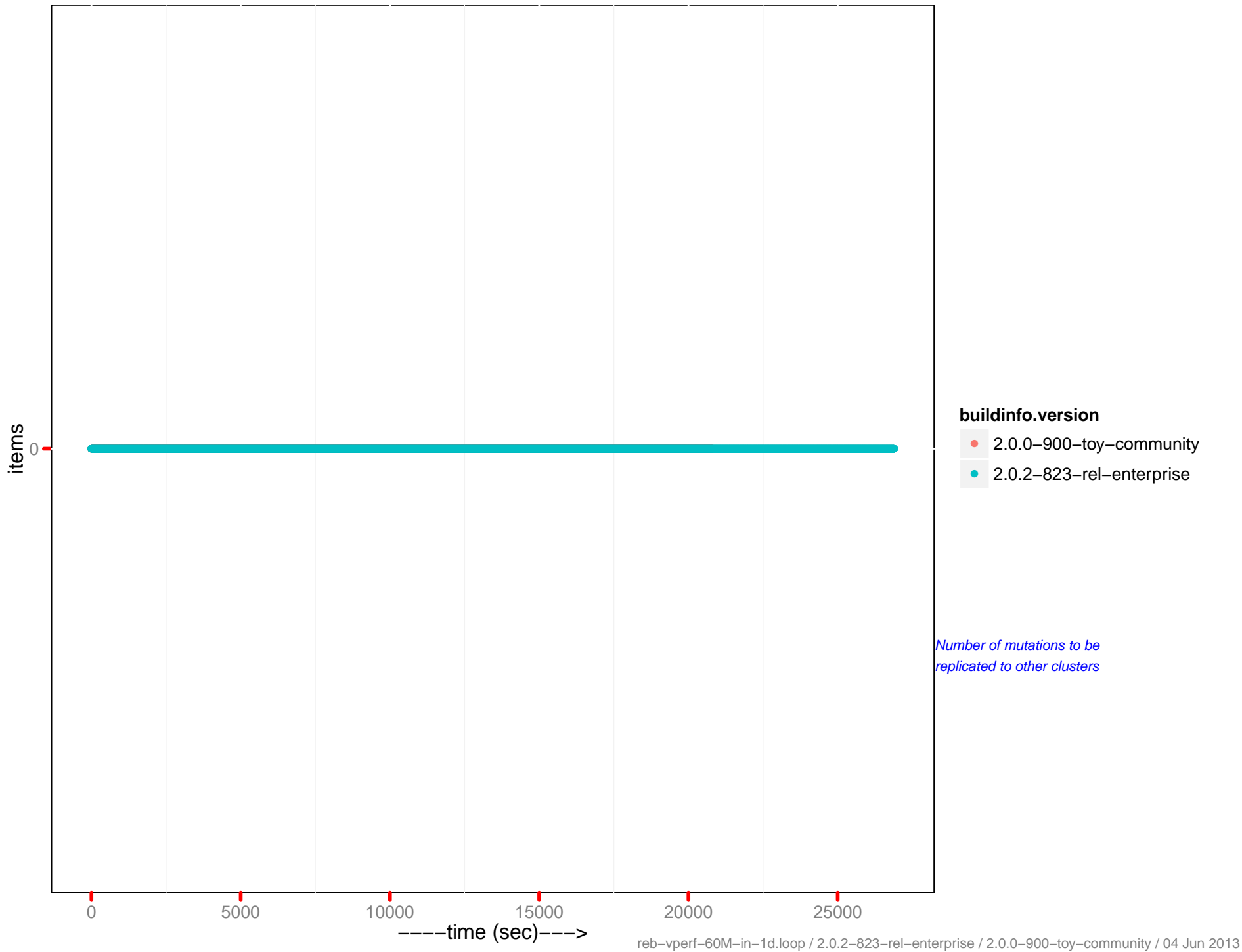
ms doc ops latency



ms meta ops latency

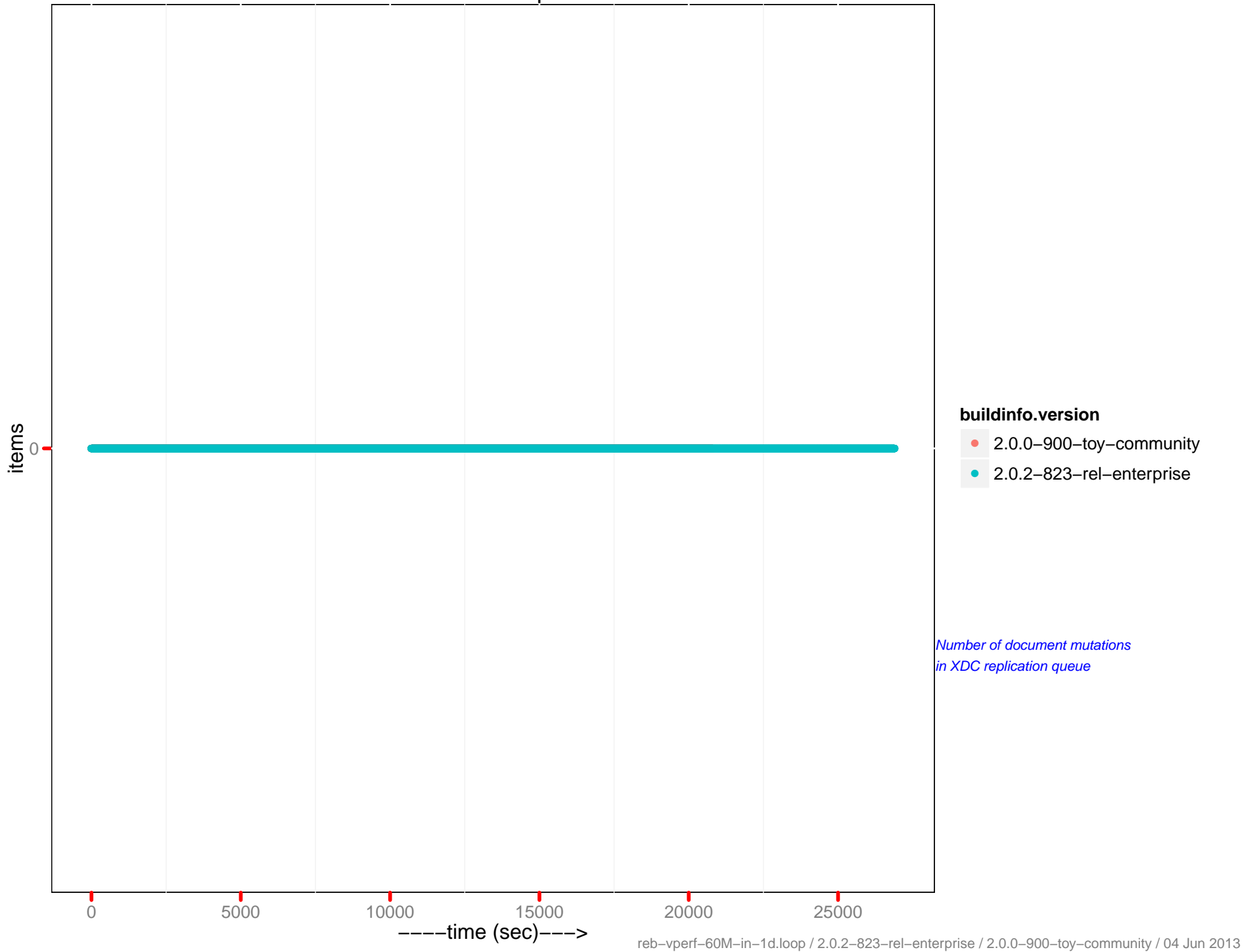


Outbound XDCR mutations

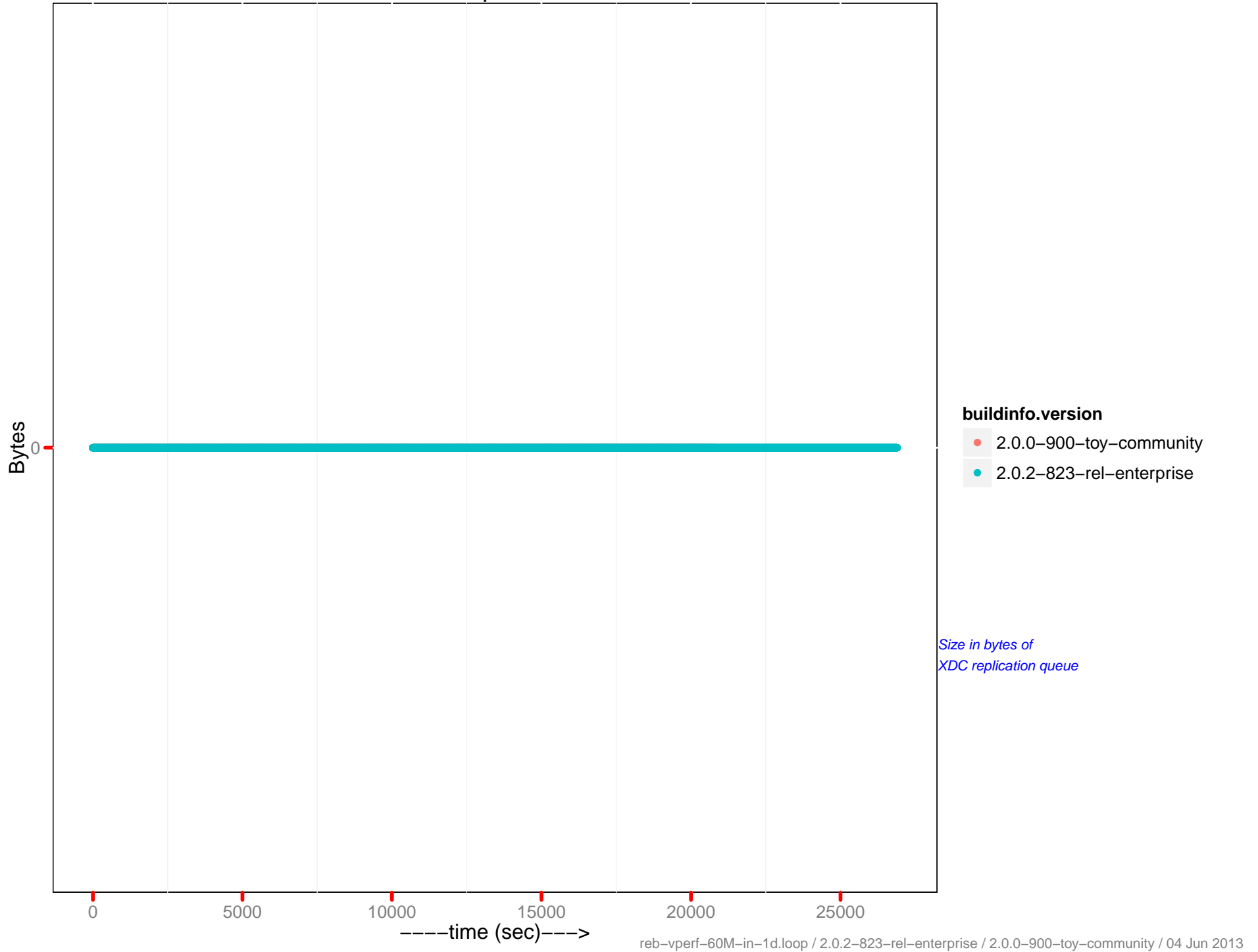


Number of mutations to be replicated to other clusters

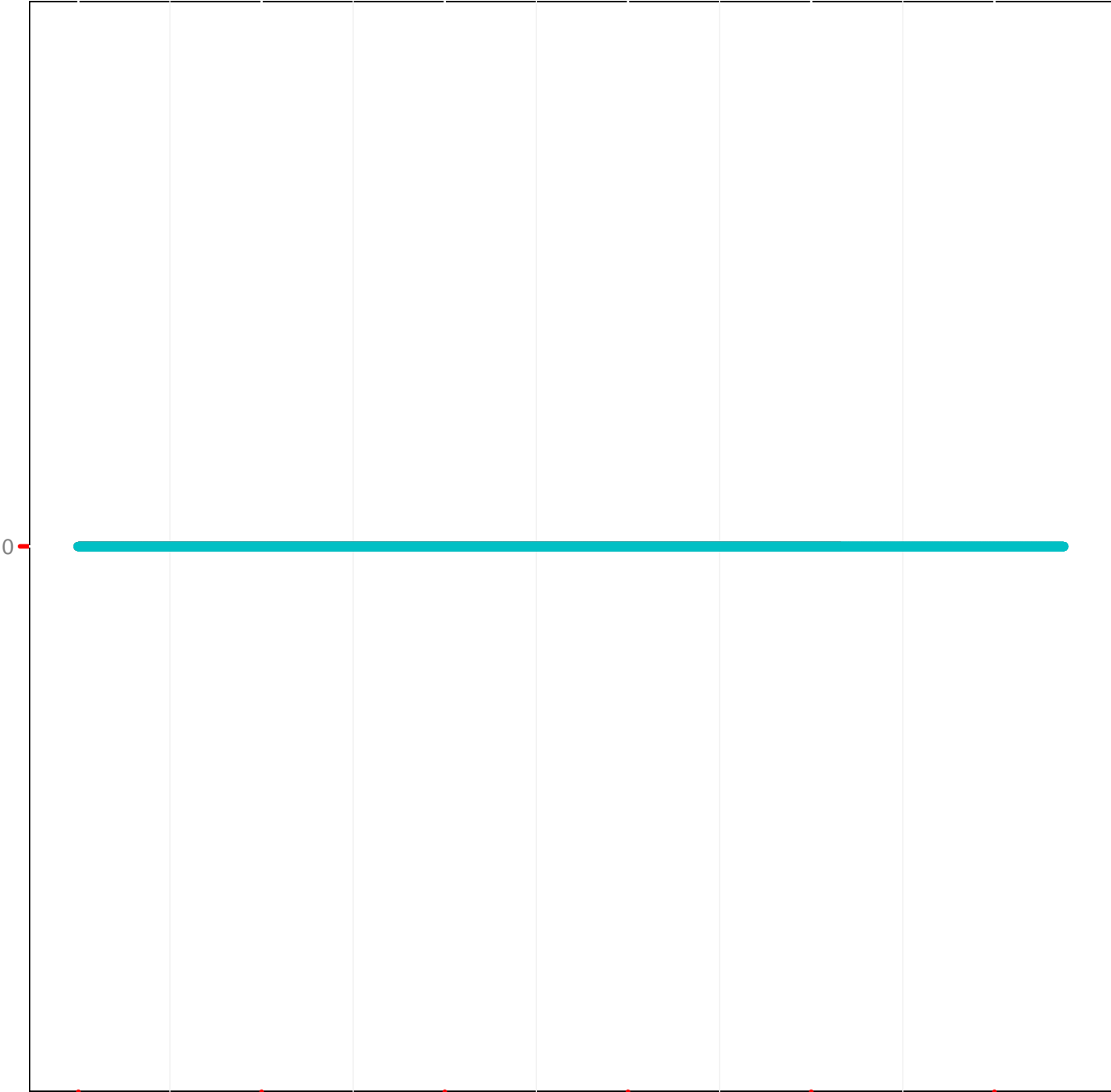
Mutations in queue



XDCR queue size



Mutations checked



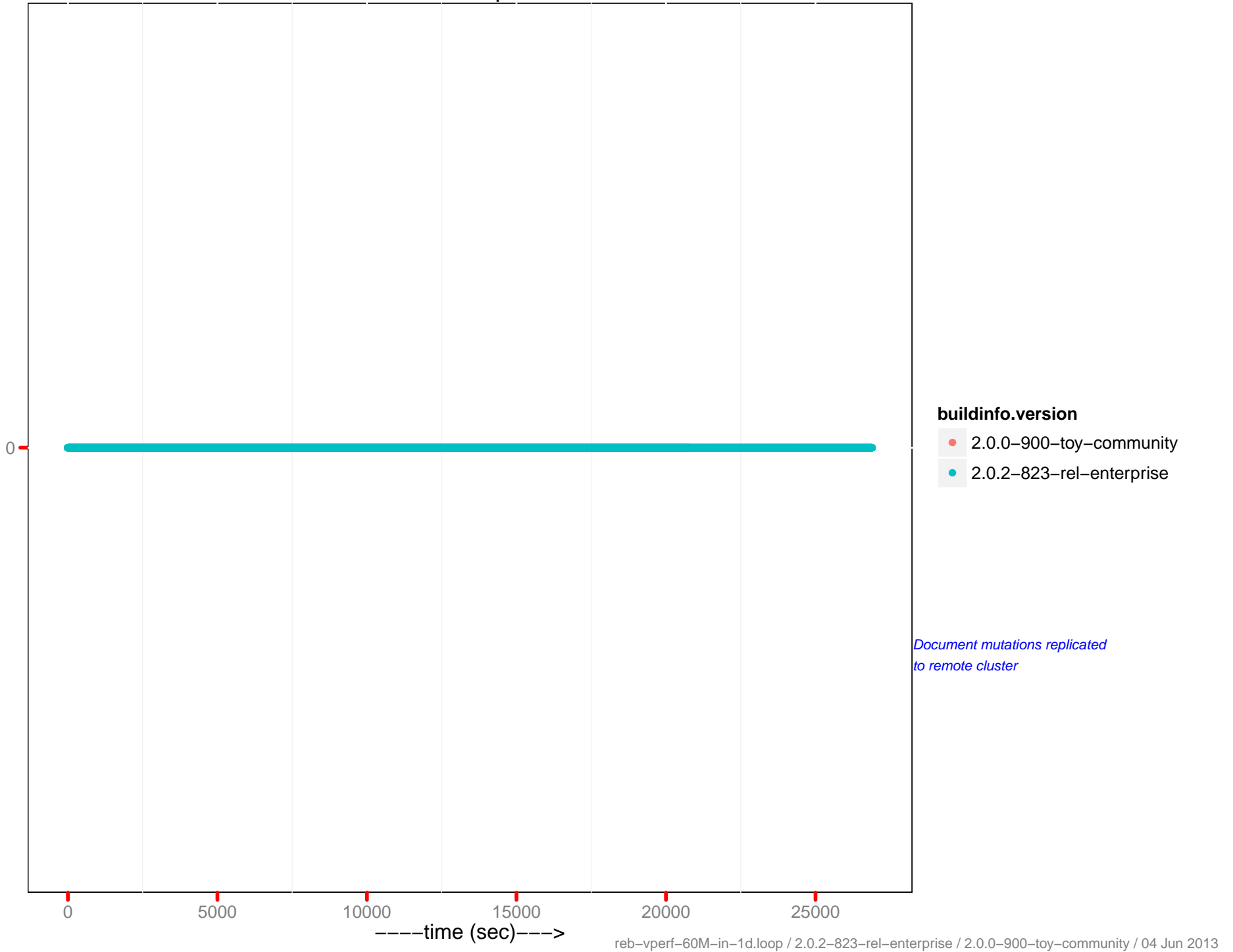
- buildinfo.version**
- 2.0.0-900-toy-community
 - 2.0.2-823-rel-enterprise

Document mutations checked for XDC replication

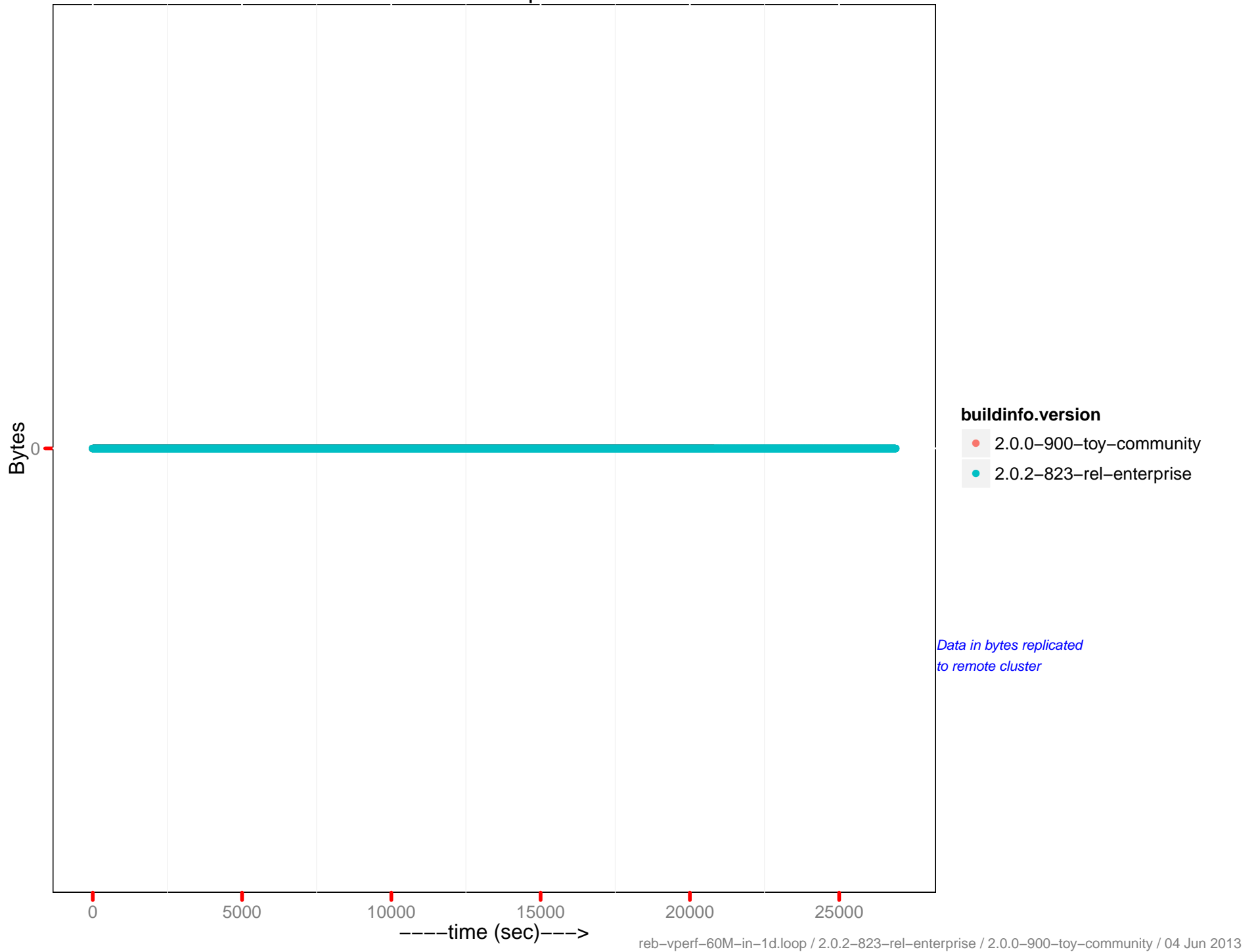
0 5000 10000 15000 20000 25000

----time (sec)---->

Mutations replicated



XDCR data replicated

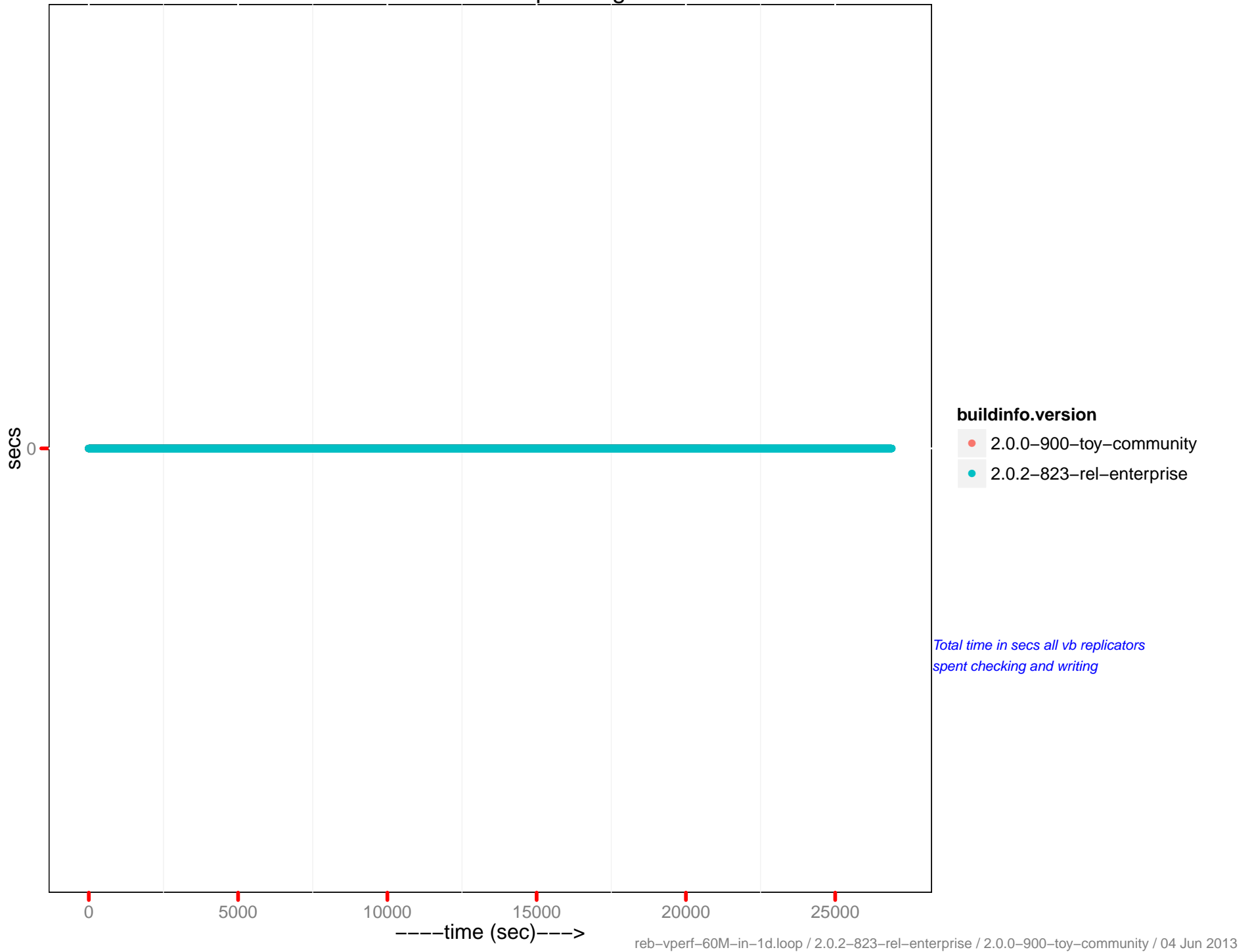


buildinfo.version

- 2.0.0-900-toy-community
- 2.0.2-823-rel-enterprise

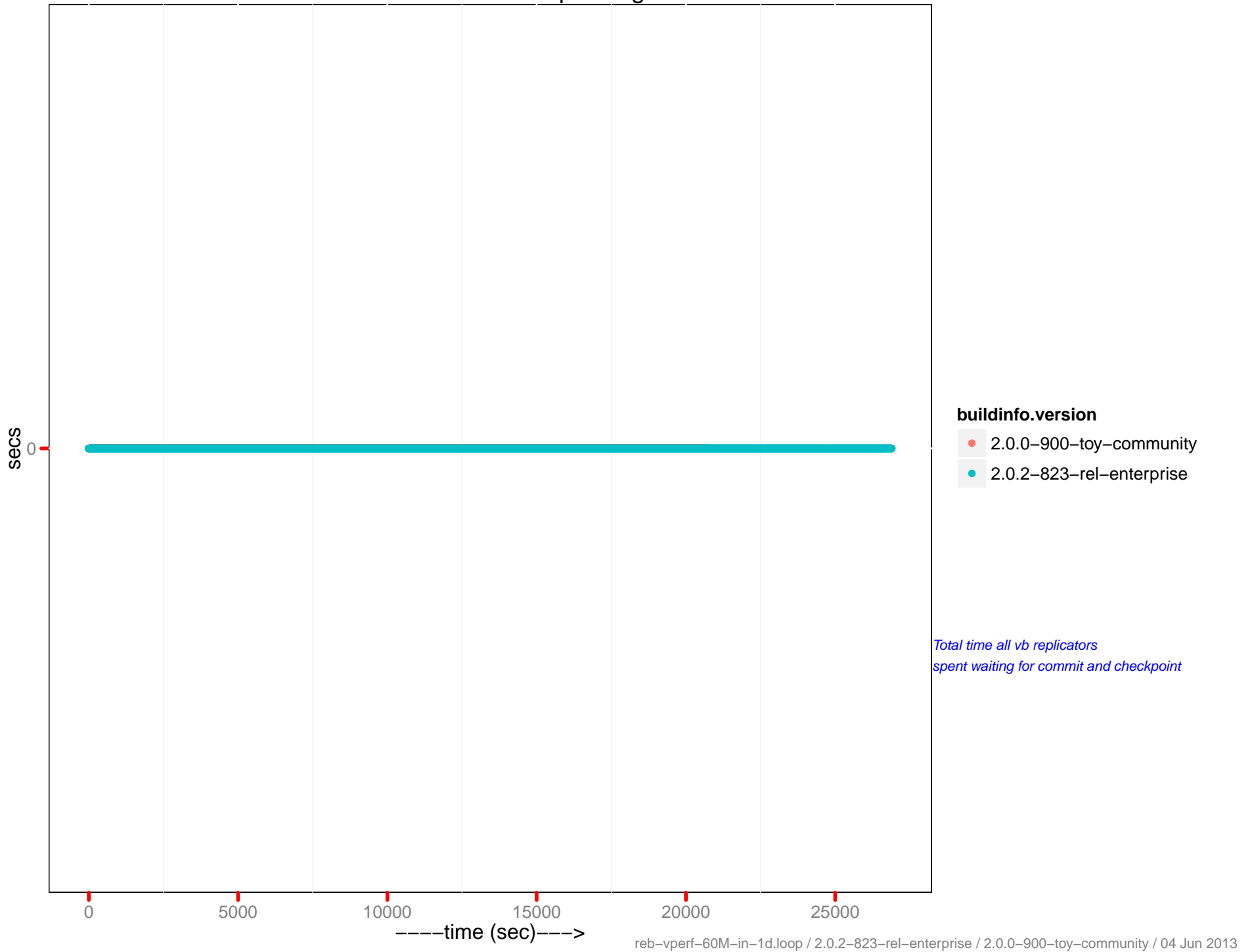
Data in bytes replicated to remote cluster

XDCR secs in replicating



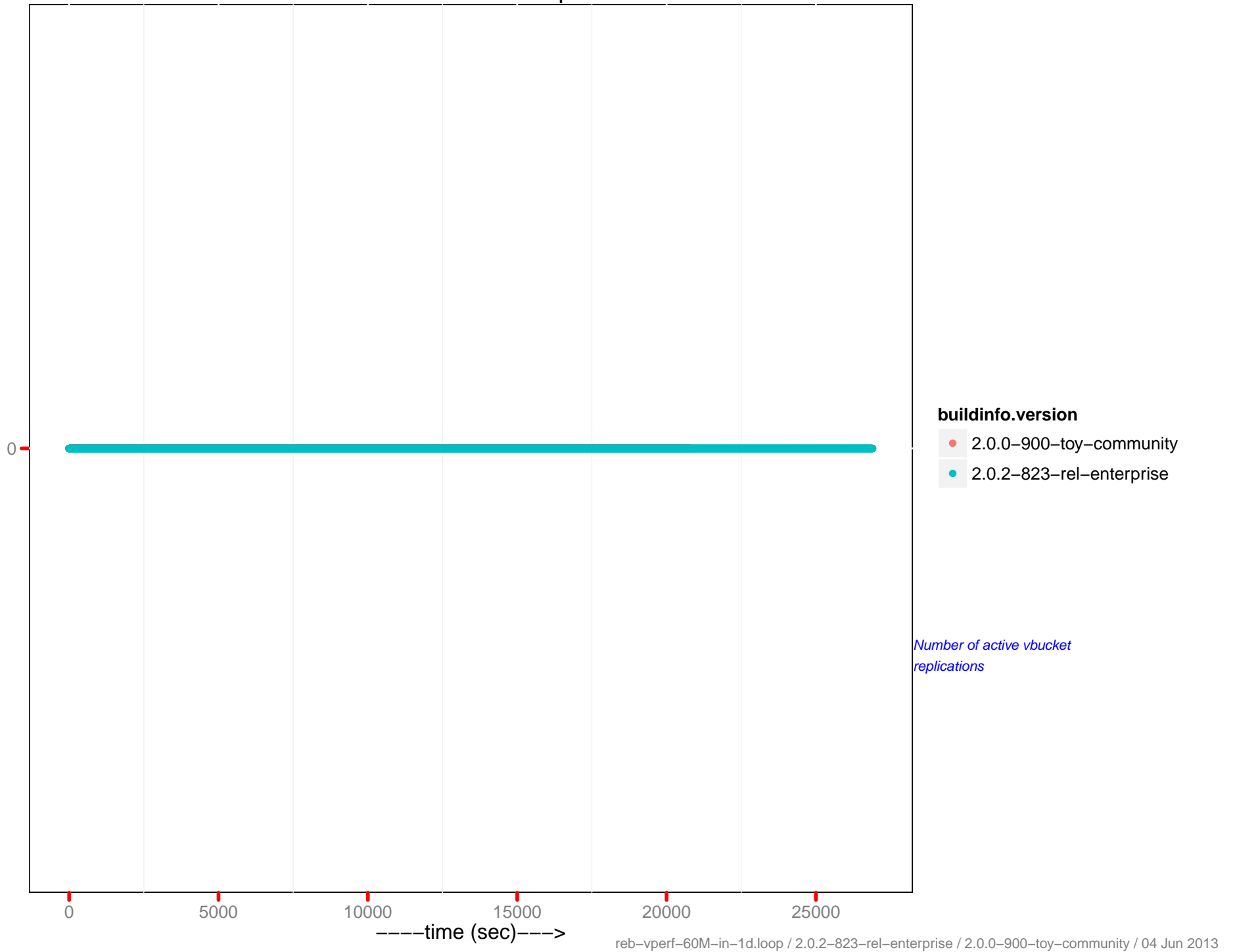
Total time in secs all vb replicators spent checking and writing

XDCR secs in checkpointing

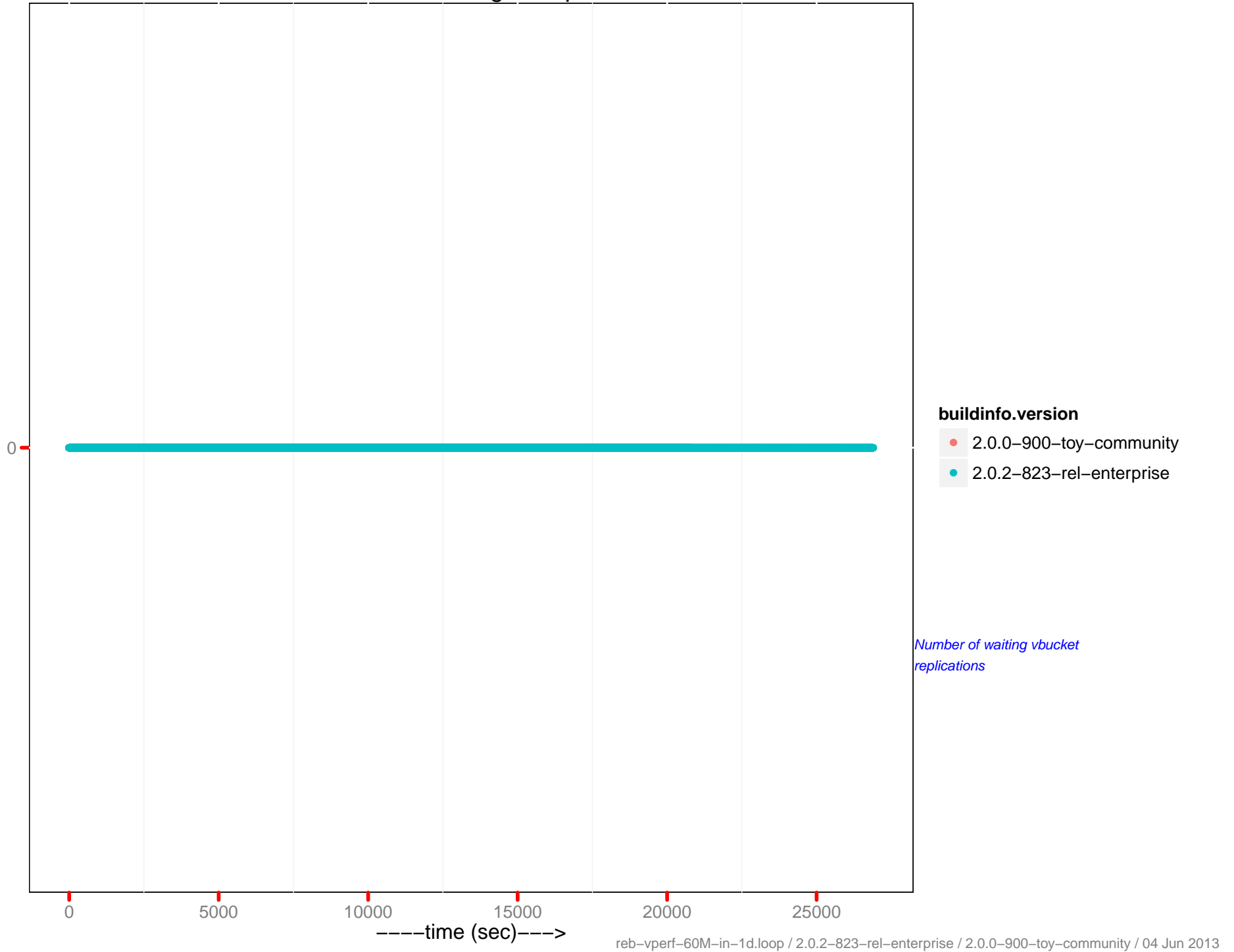


Total time all vb replicators spent waiting for commit and checkpoint

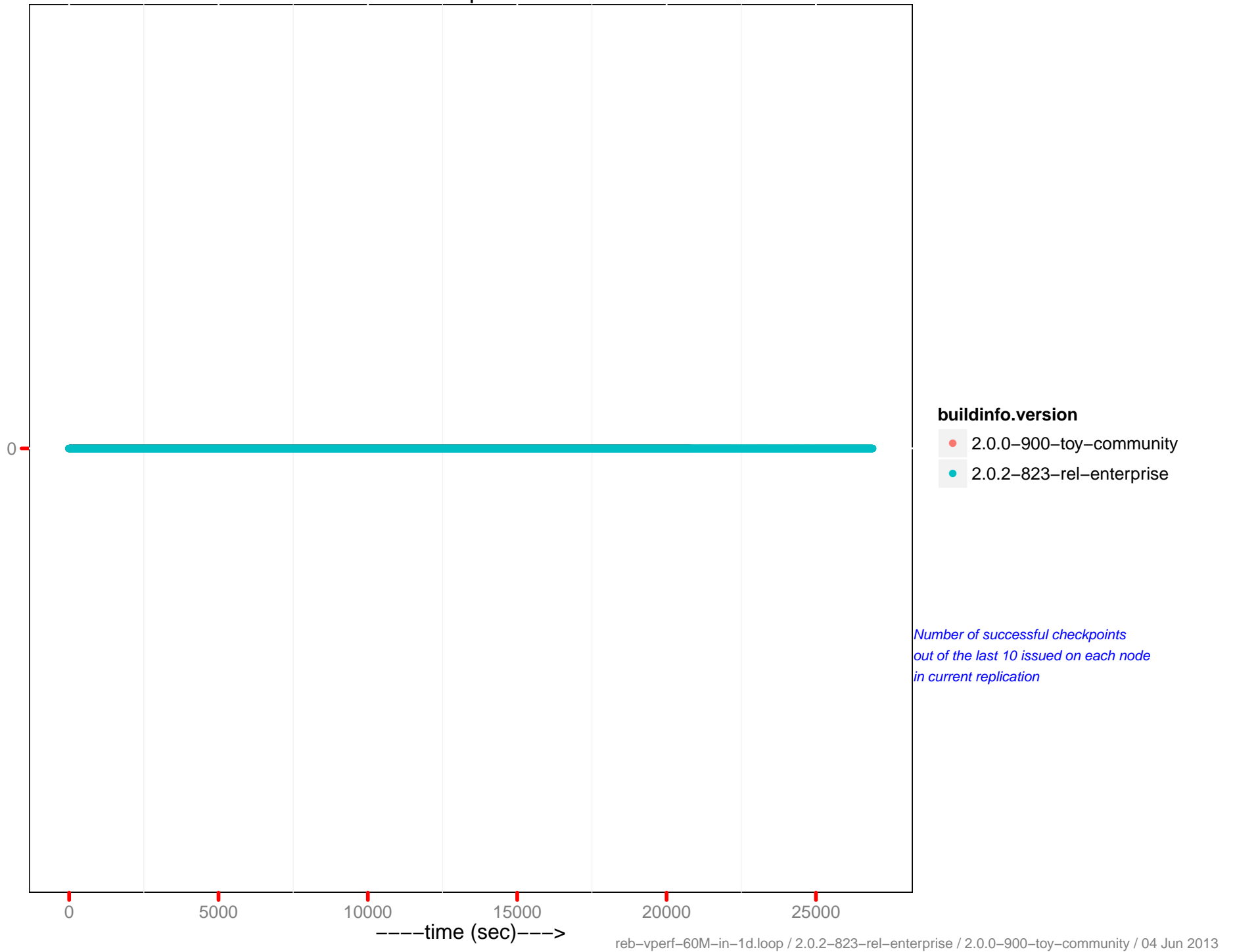
XDCR active vb reps



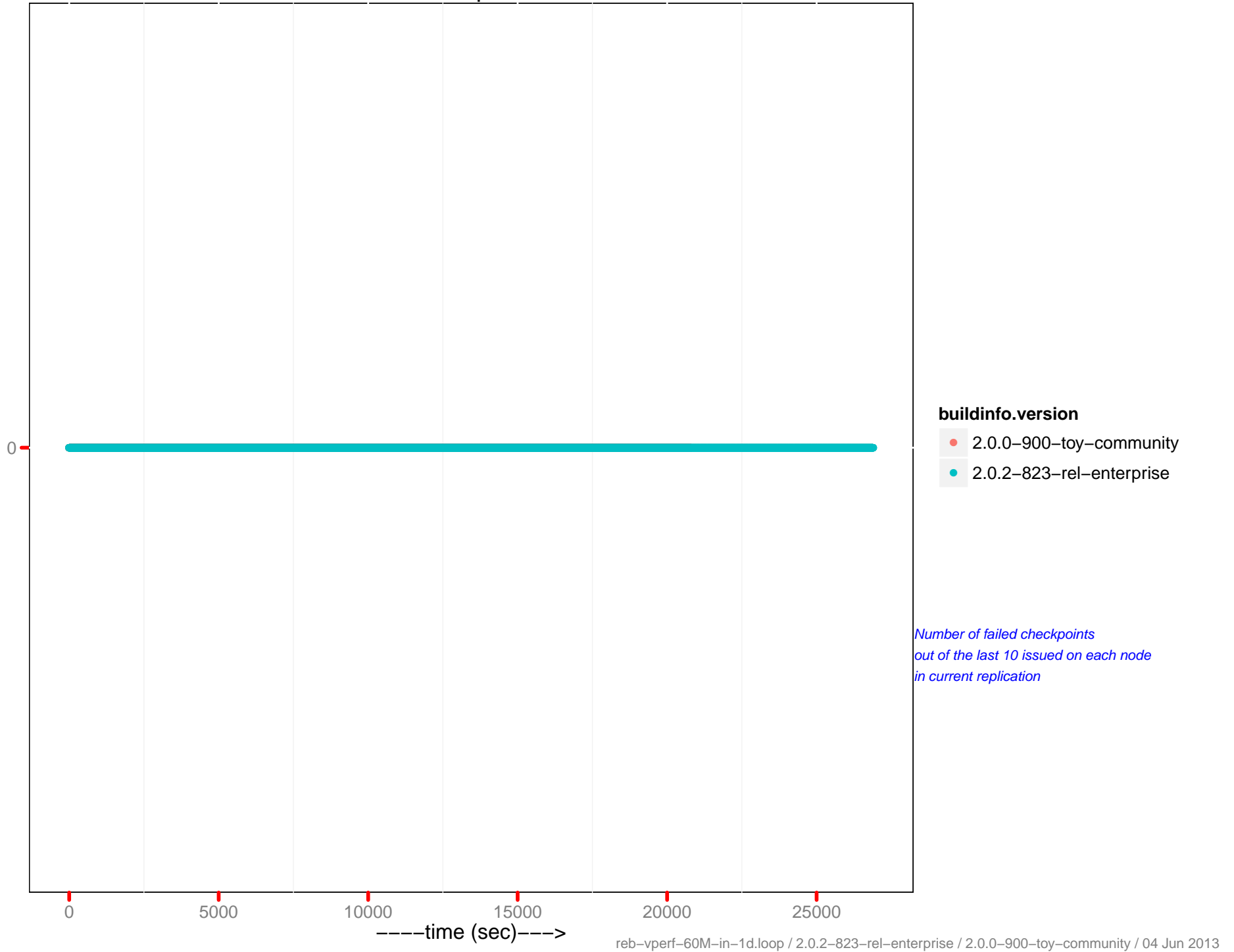
XDCR waiting vb reps



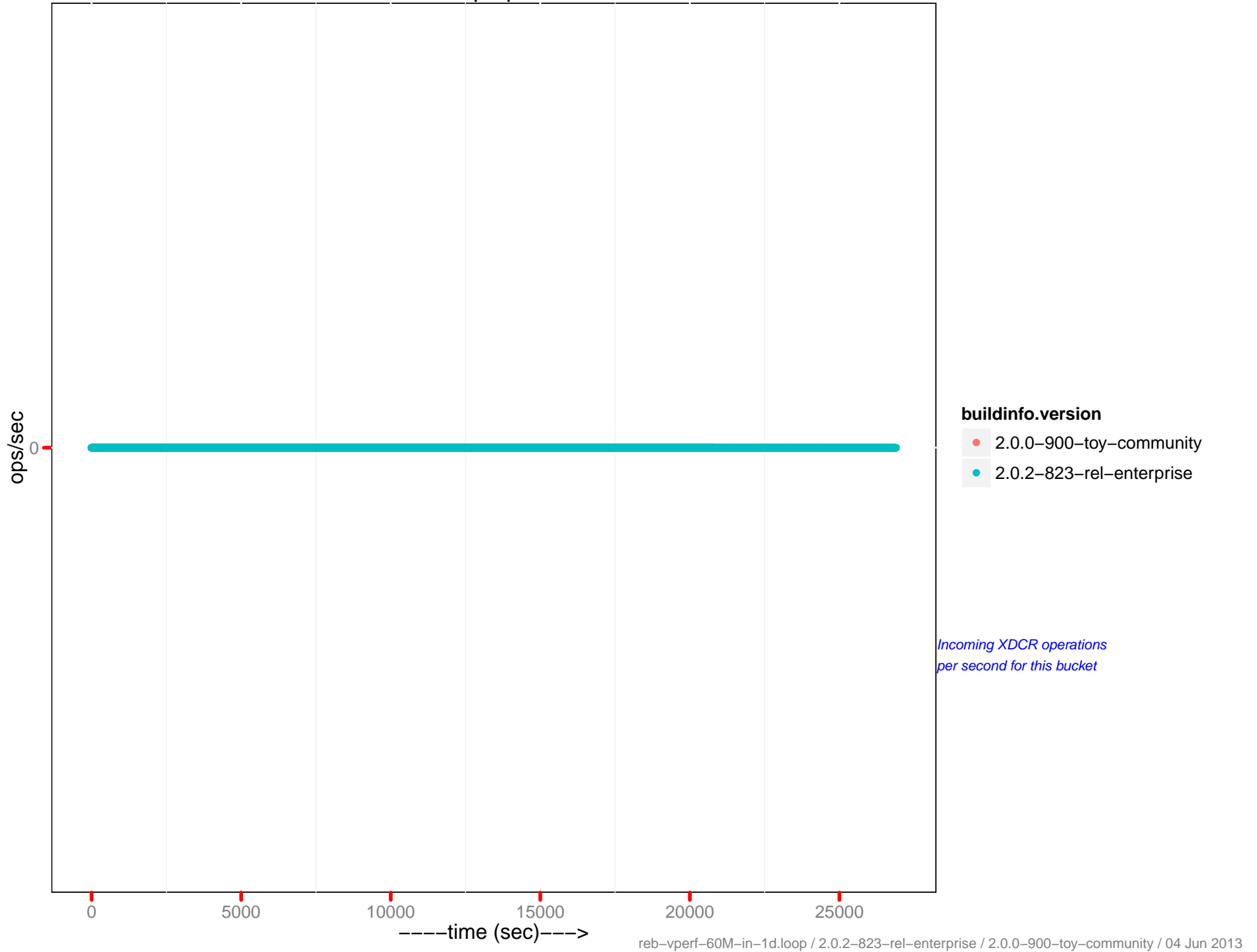
XDCR checkpoints issued



XDCR checkpoints failed

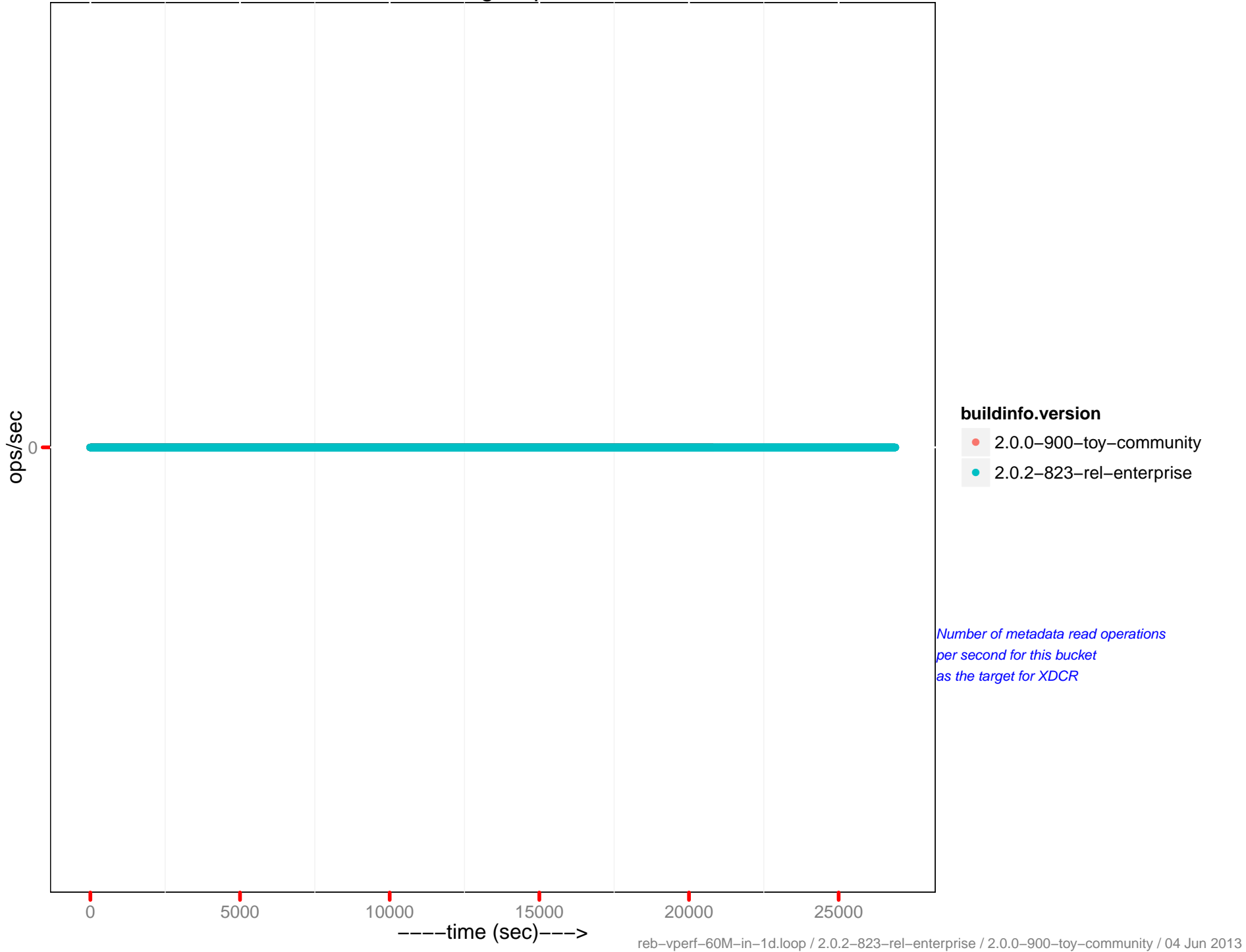


XDC ops per sec

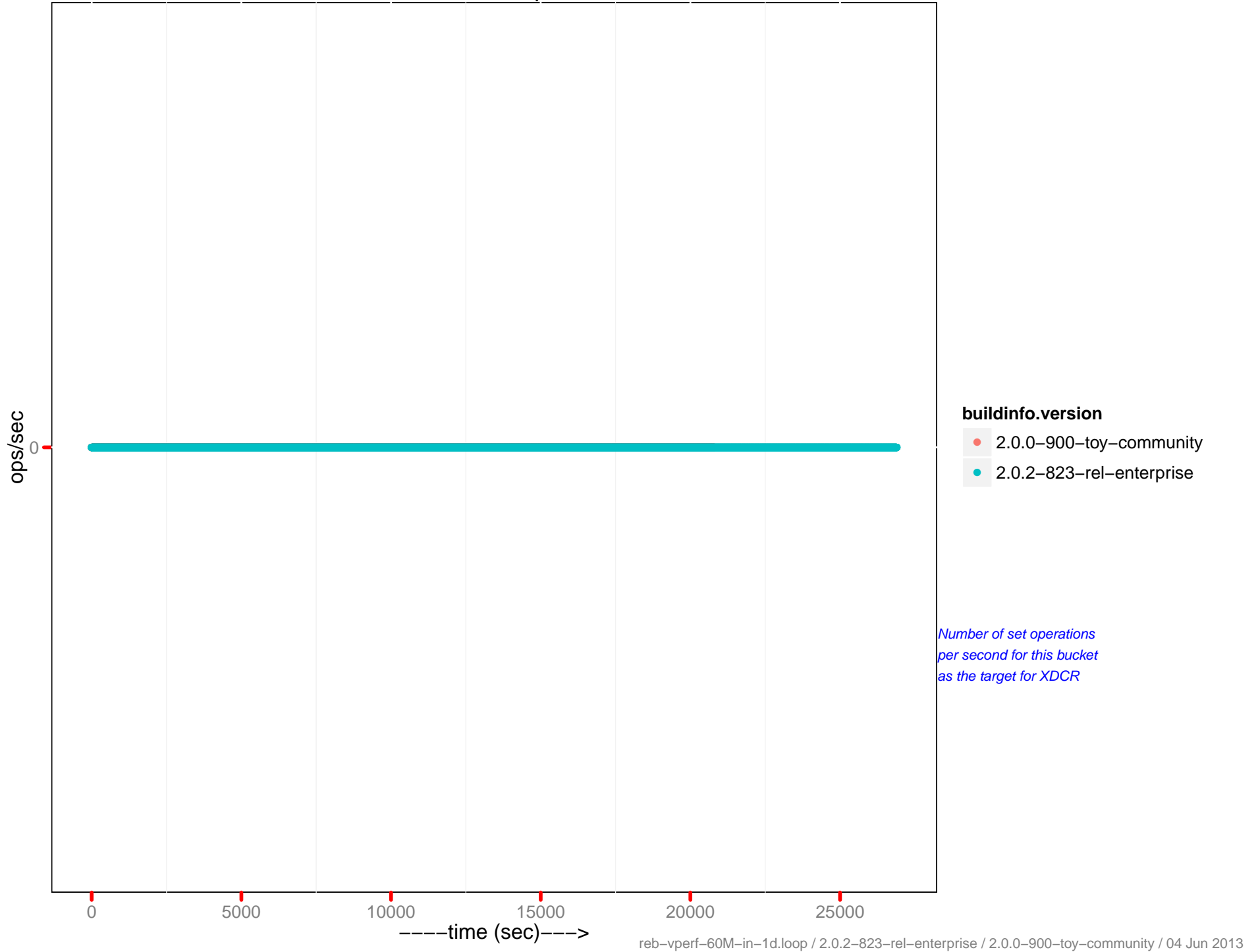


*Incoming XDCR operations
per second for this bucket*

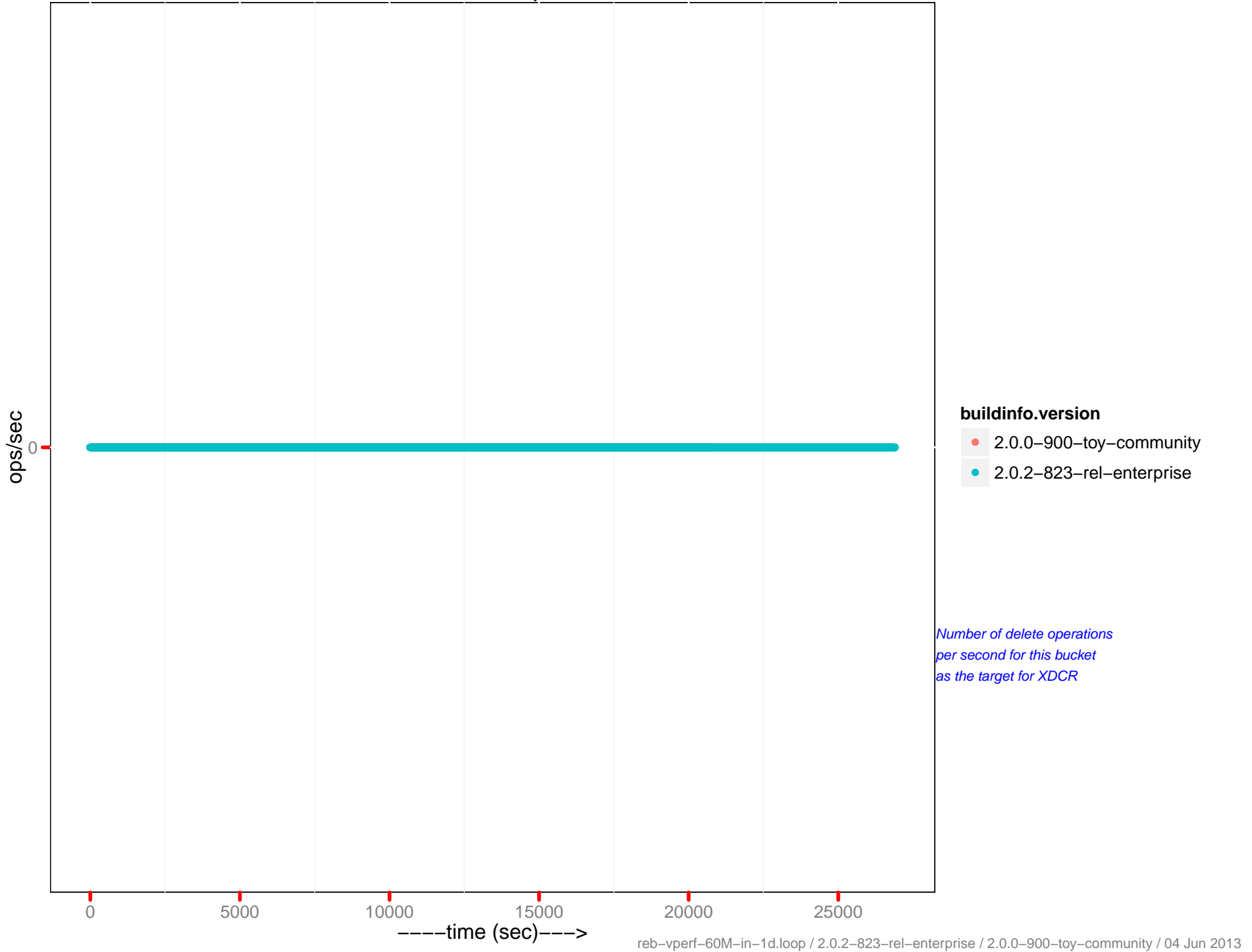
Metadata gets per sec



Metadata sets per sec



Metadata dels per sec

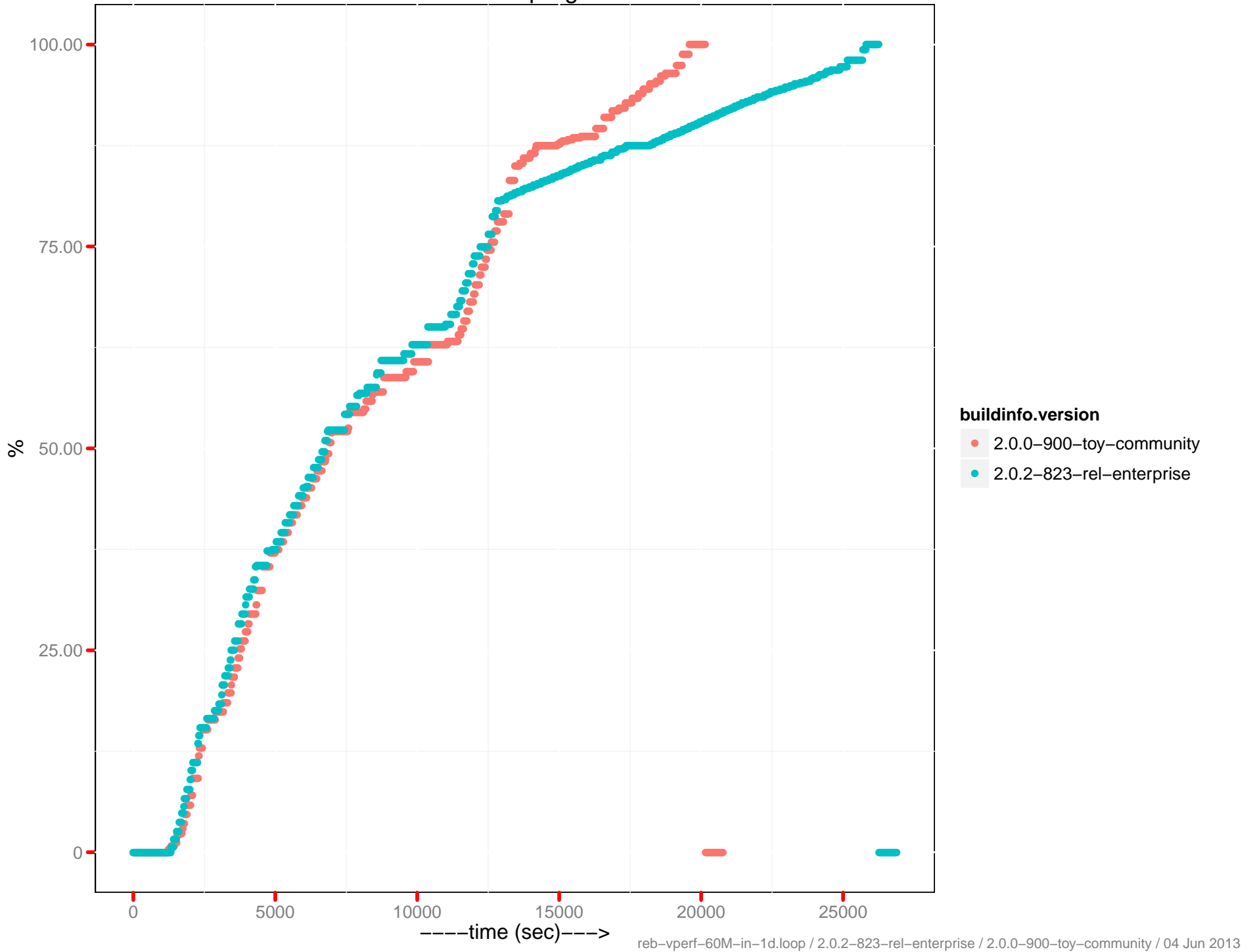


buildinfo.version

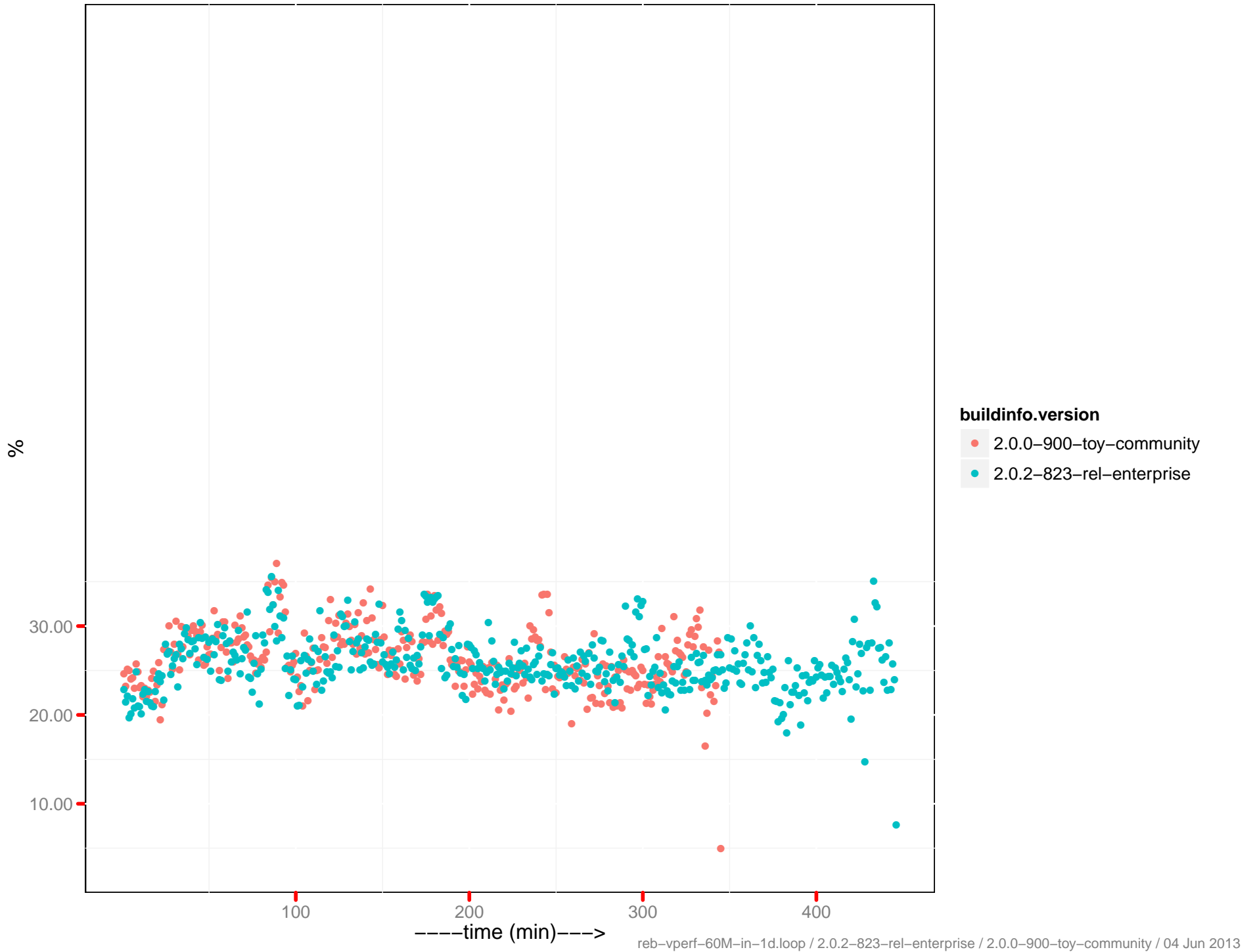
- 2.0.0-900-toy-community
- 2.0.2-823-rel-enterprise

*Number of delete operations
per second for this bucket
as the target for XDCR*

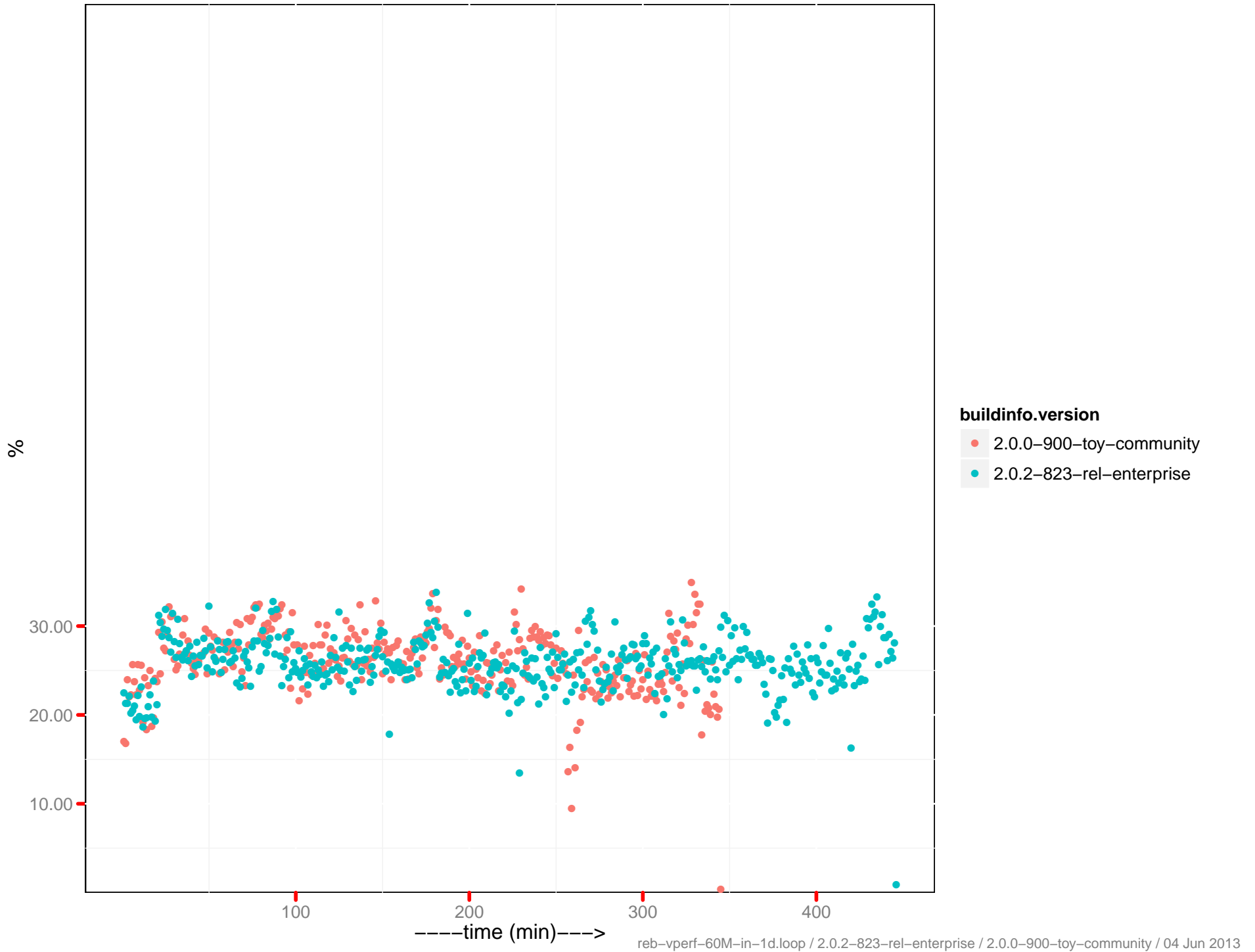
Rebalance progress



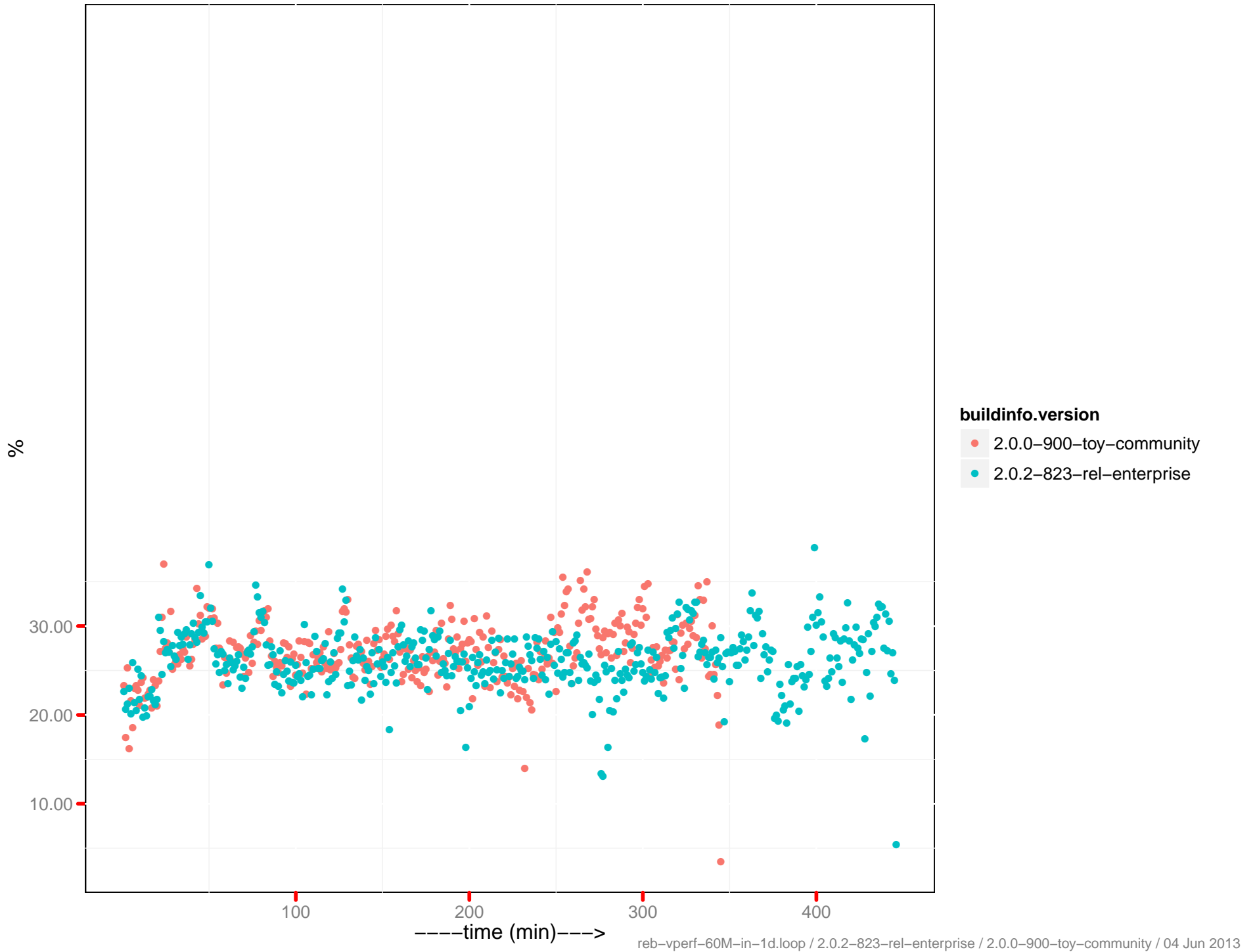
CPU utilization – 172.23.96.15:8091



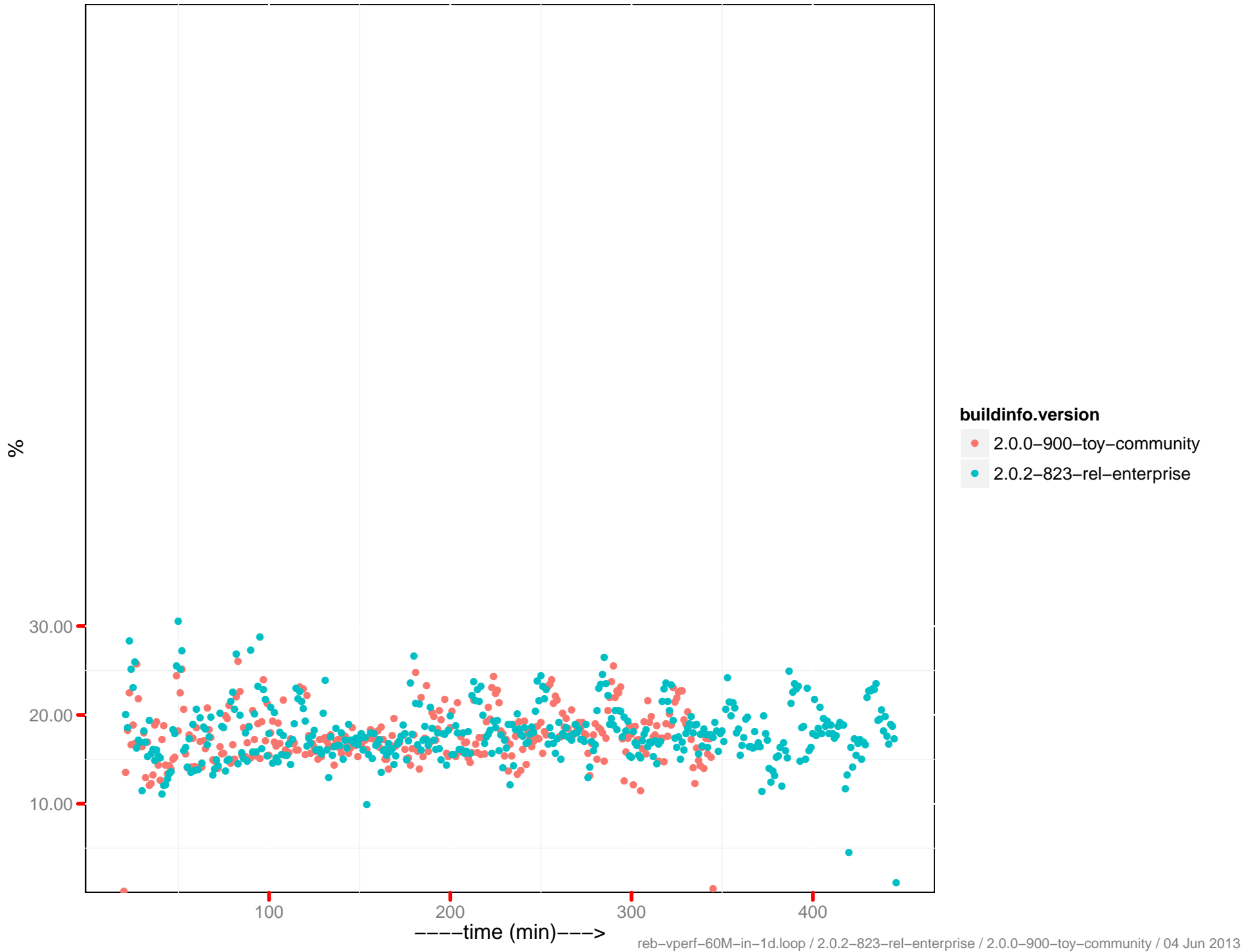
CPU utilization – 172.23.96.16:8091



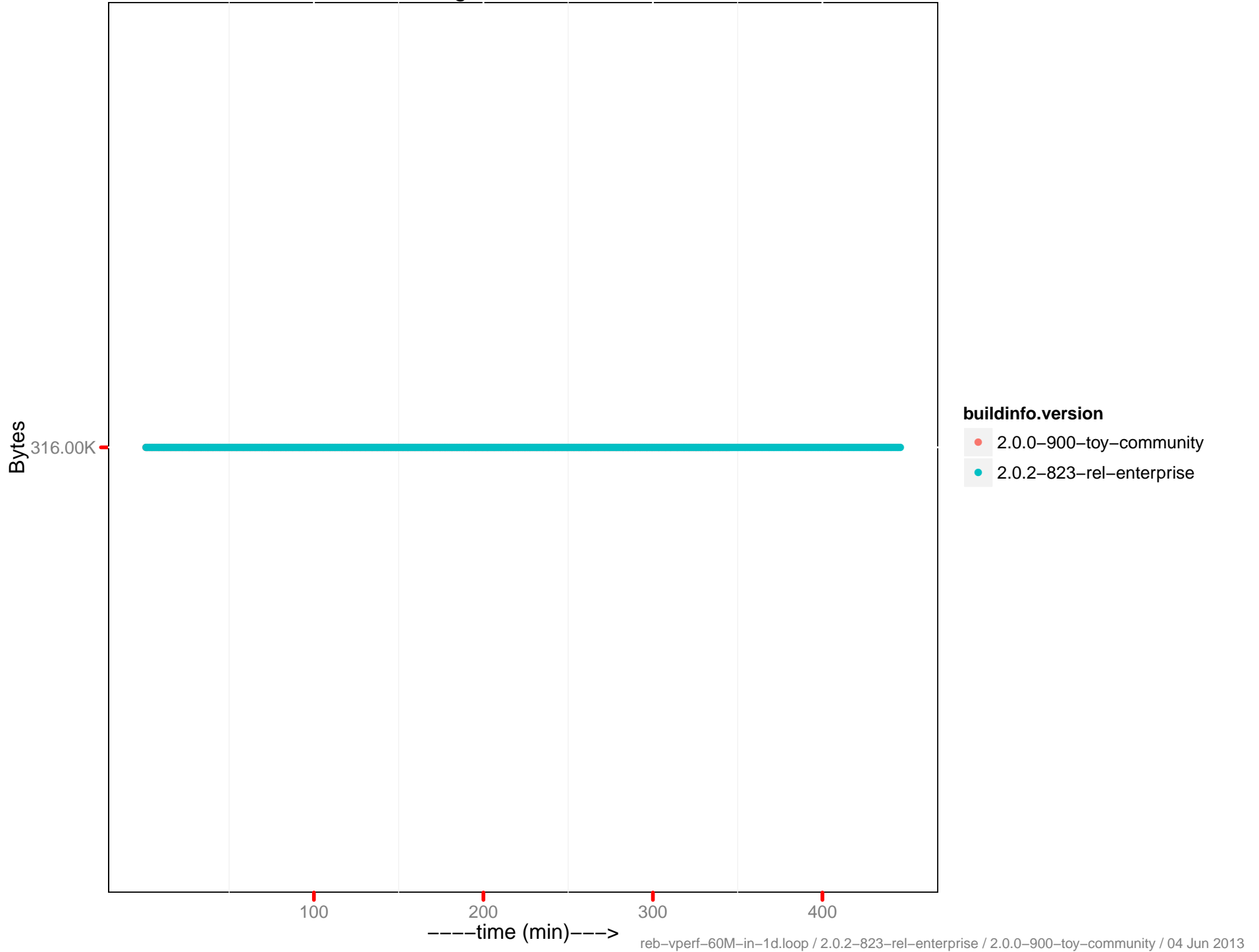
CPU utilization – 172.23.96.17:8091



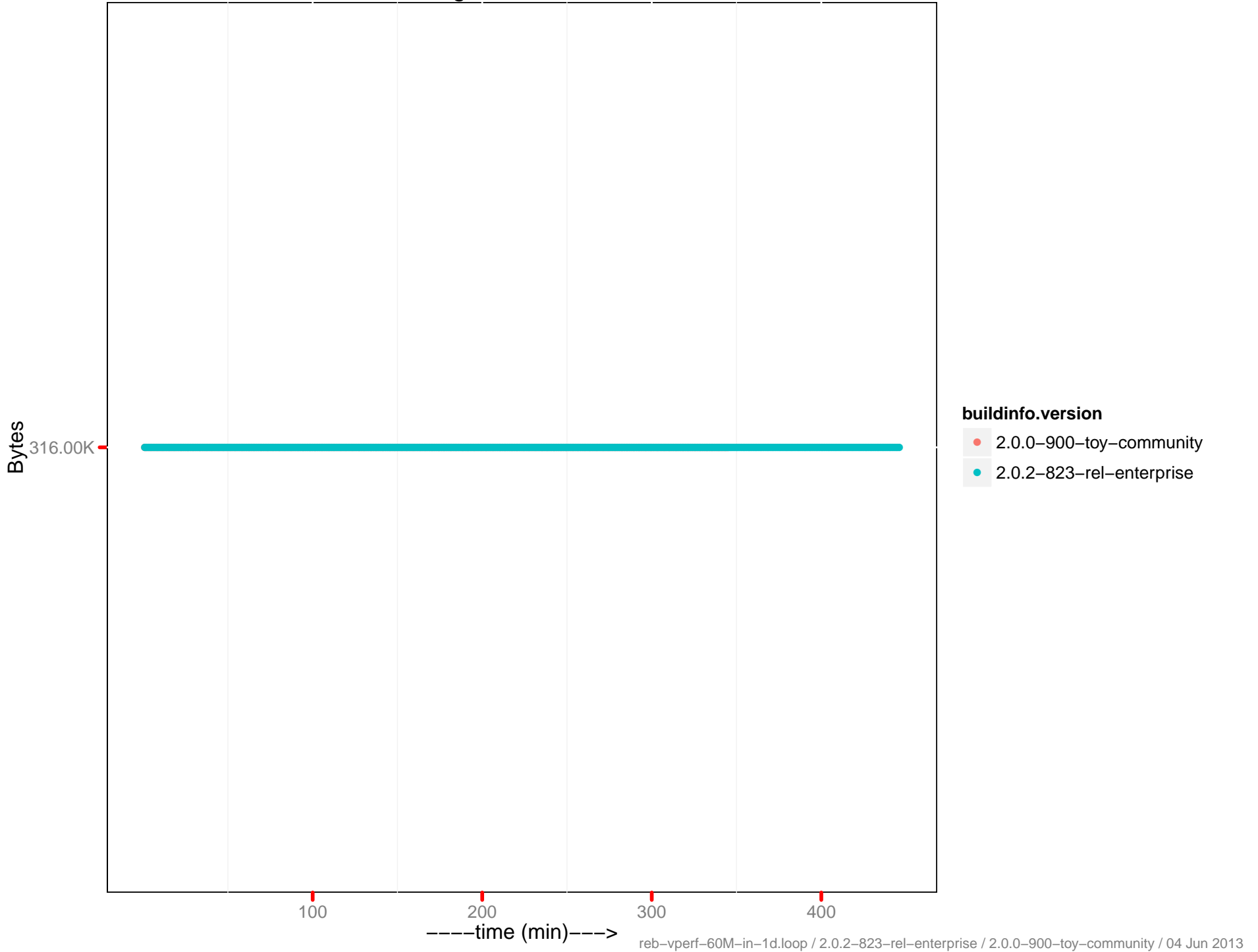
CPU utilization – 172.23.96.18:8091



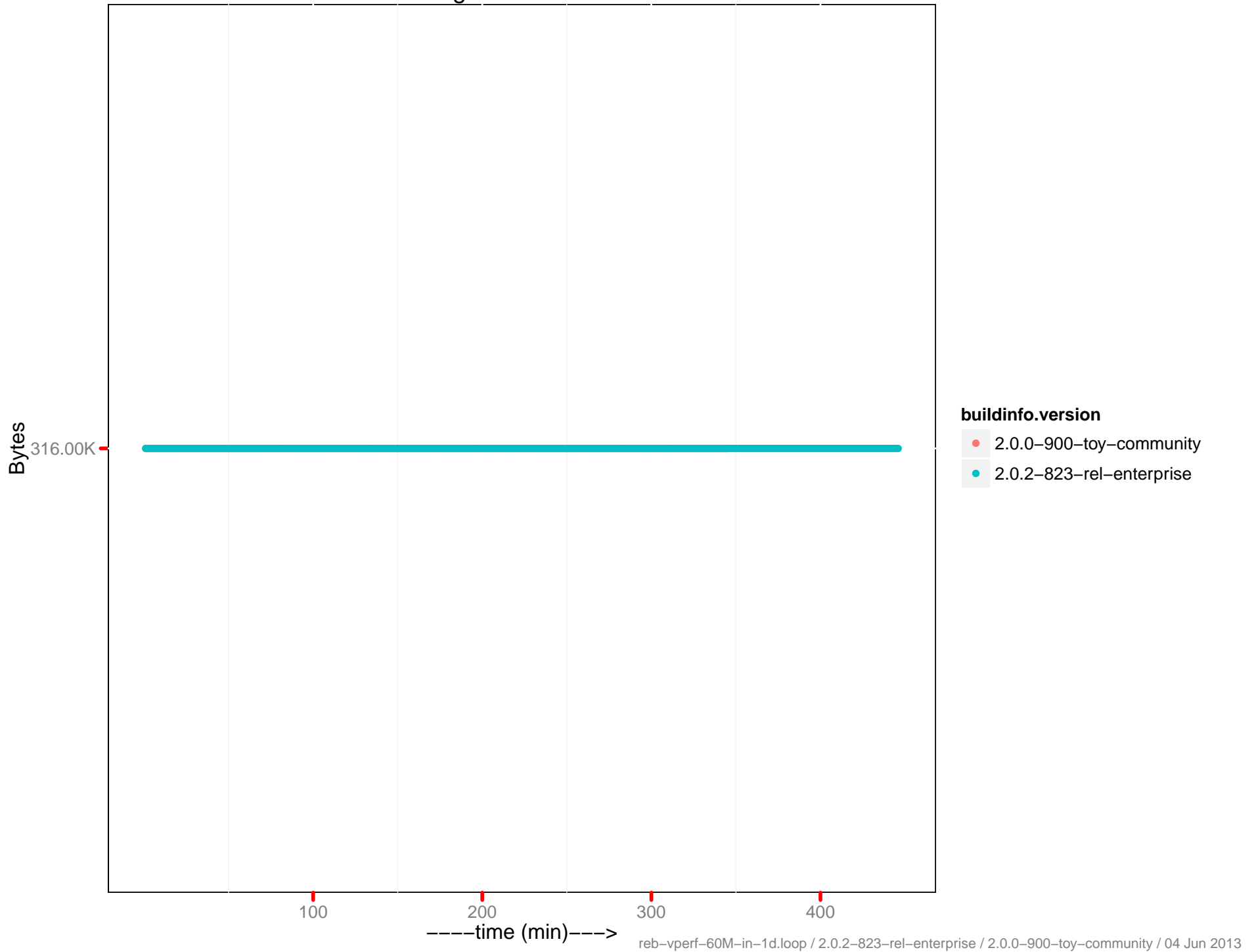
SWAP Usage – 172.23.96.15:8091



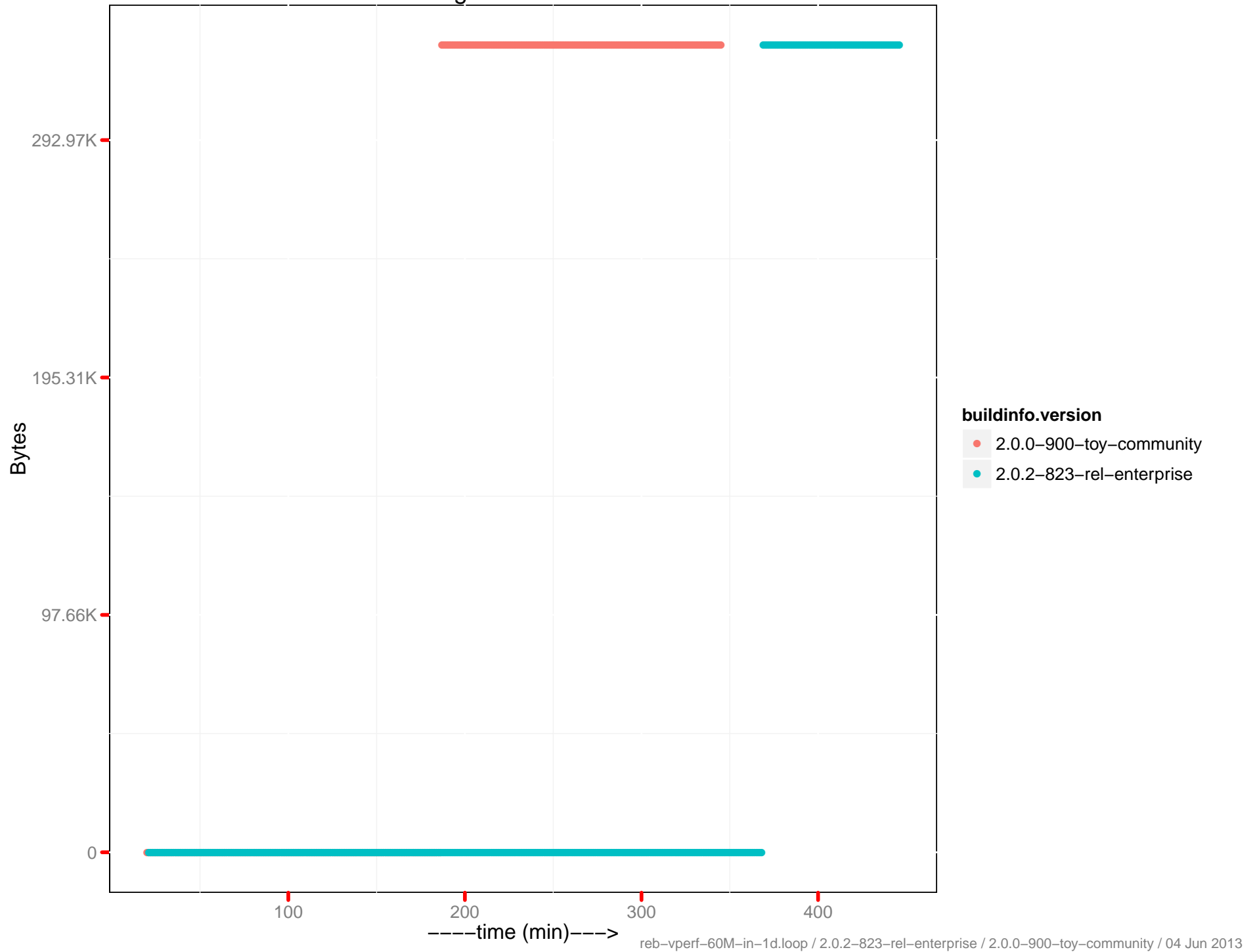
SWAP Usage – 172.23.96.16:8091



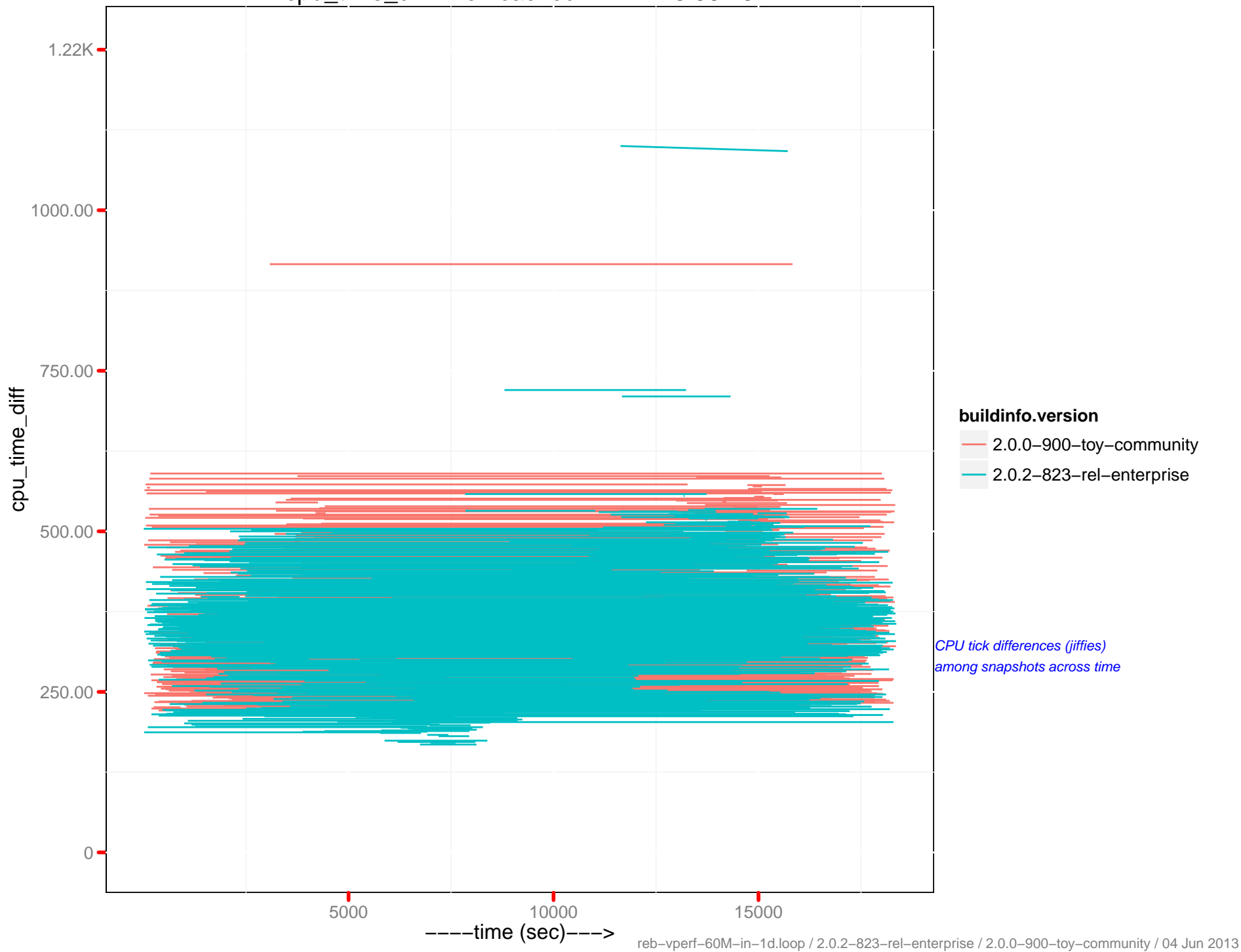
SWAP Usage – 172.23.96.17:8091



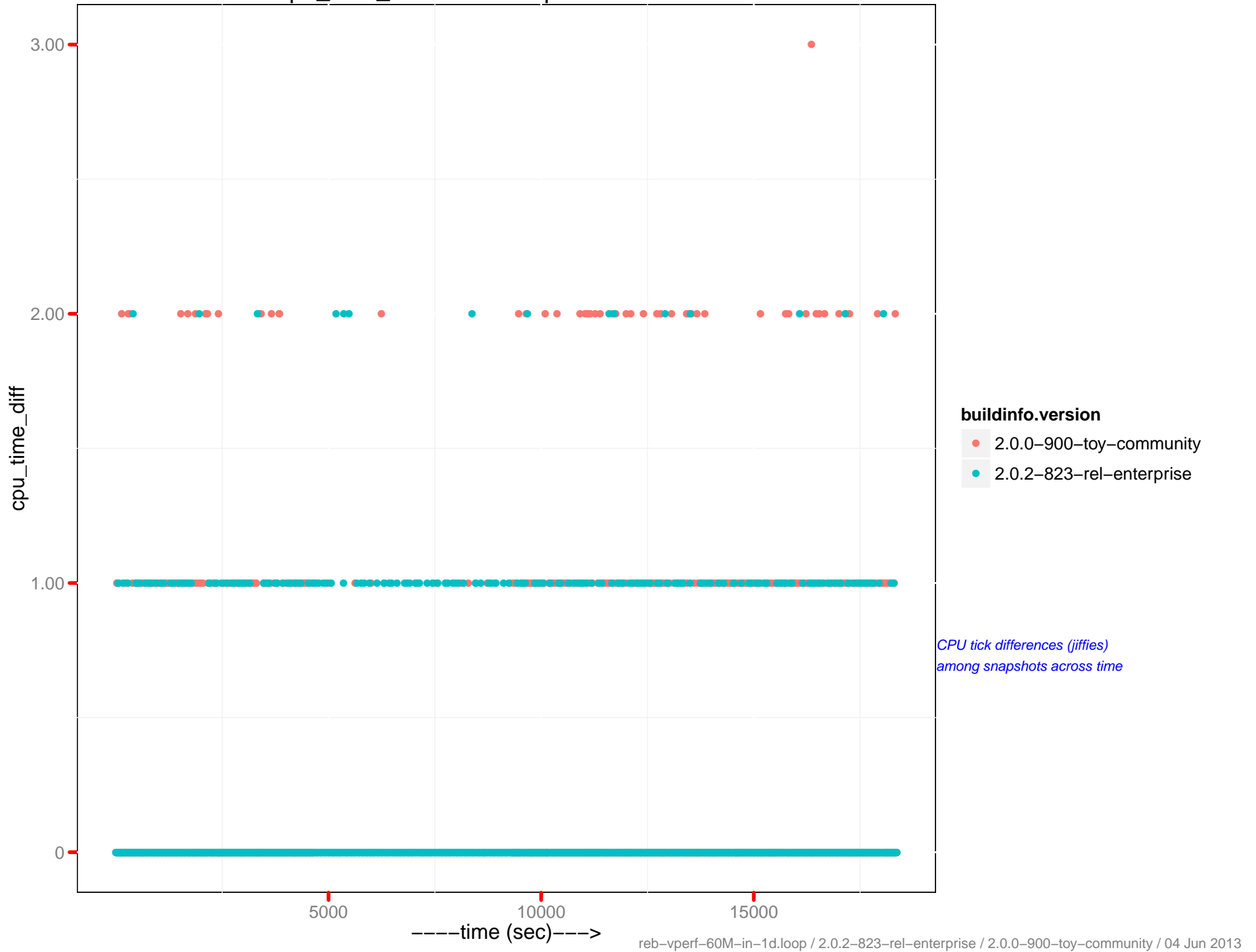
SWAP Usage – 172.23.96.18:8091



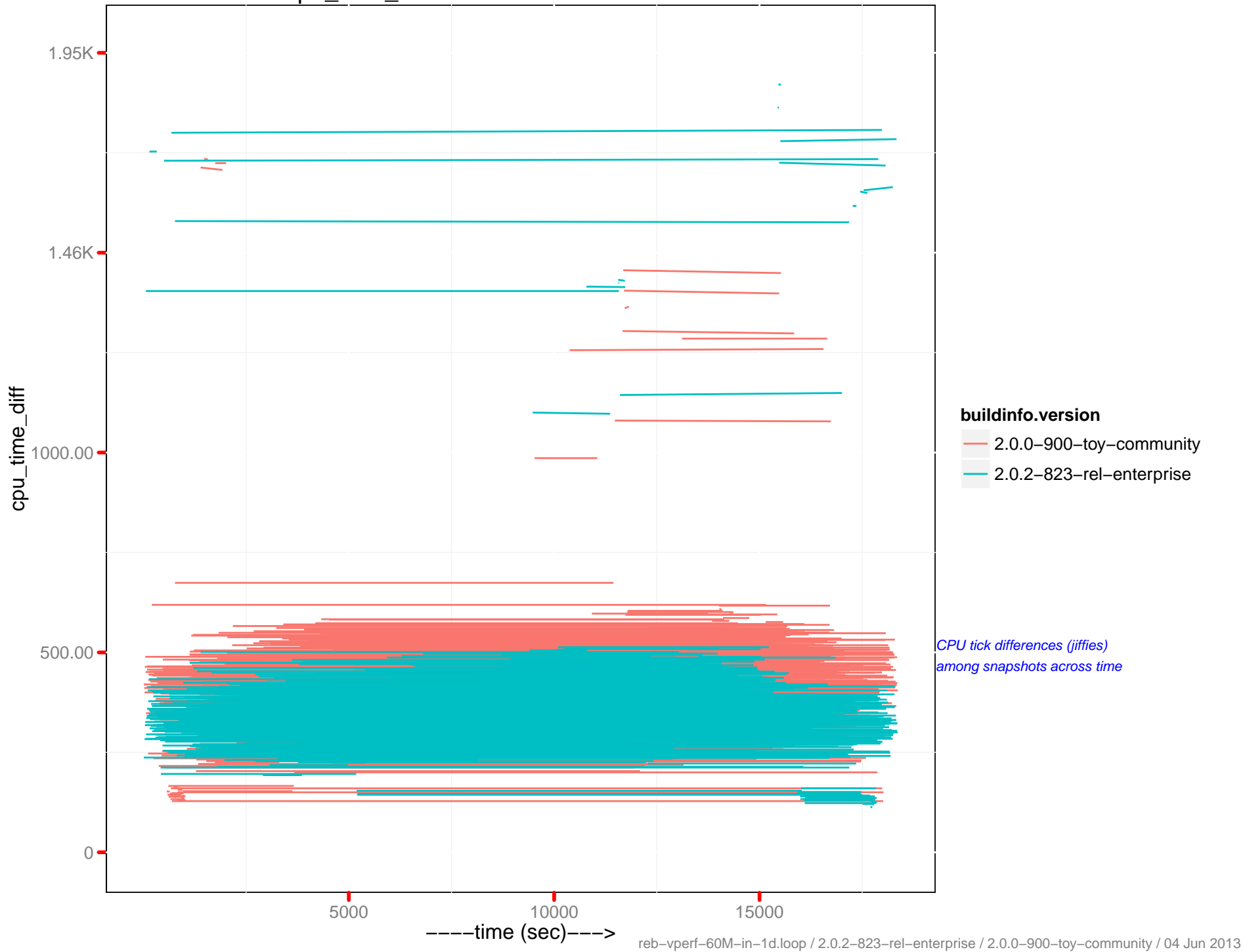
cpu_time_diff: memcached – 172.23.96.15



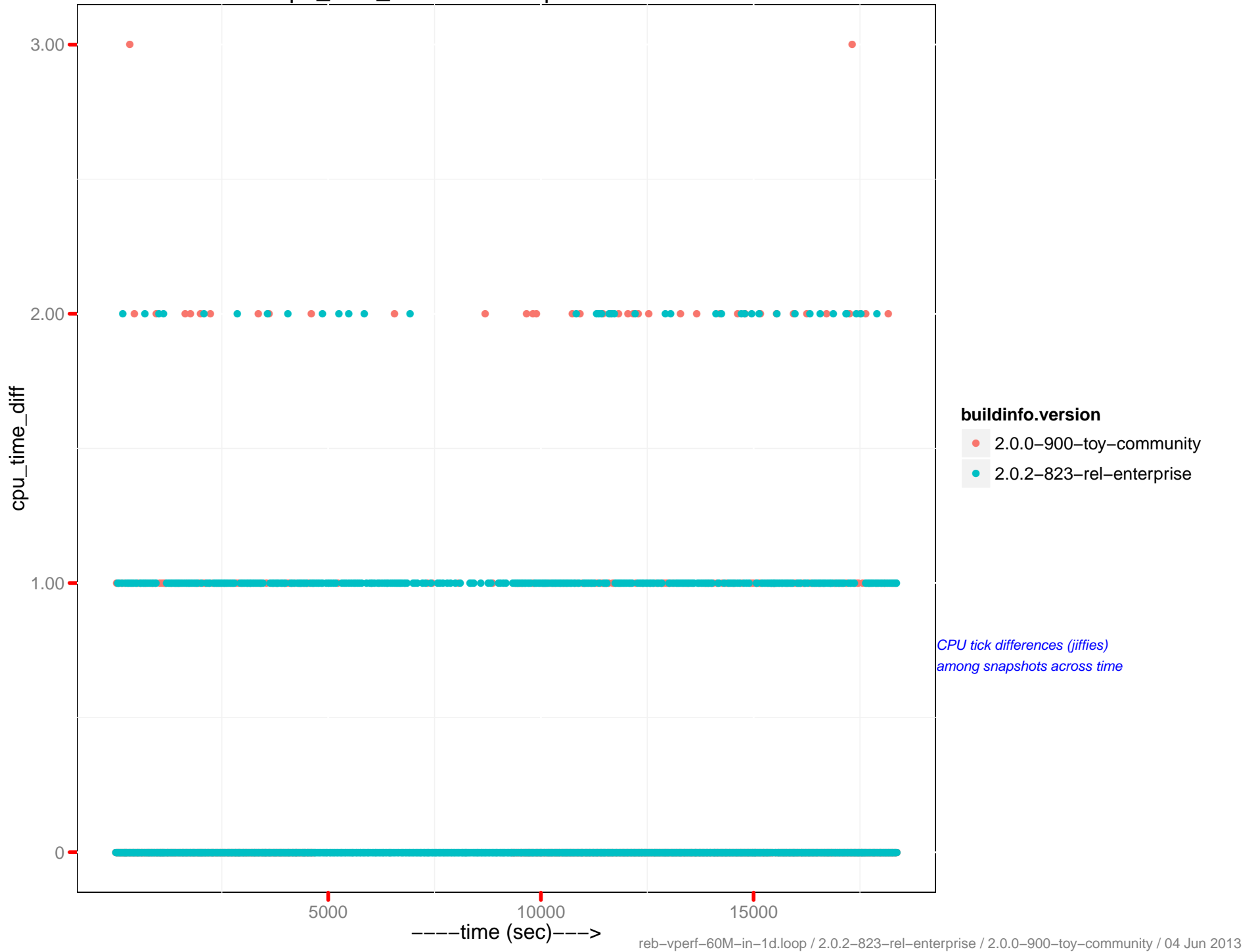
cpu_time_diff : beam.smp - 172.23.96.15



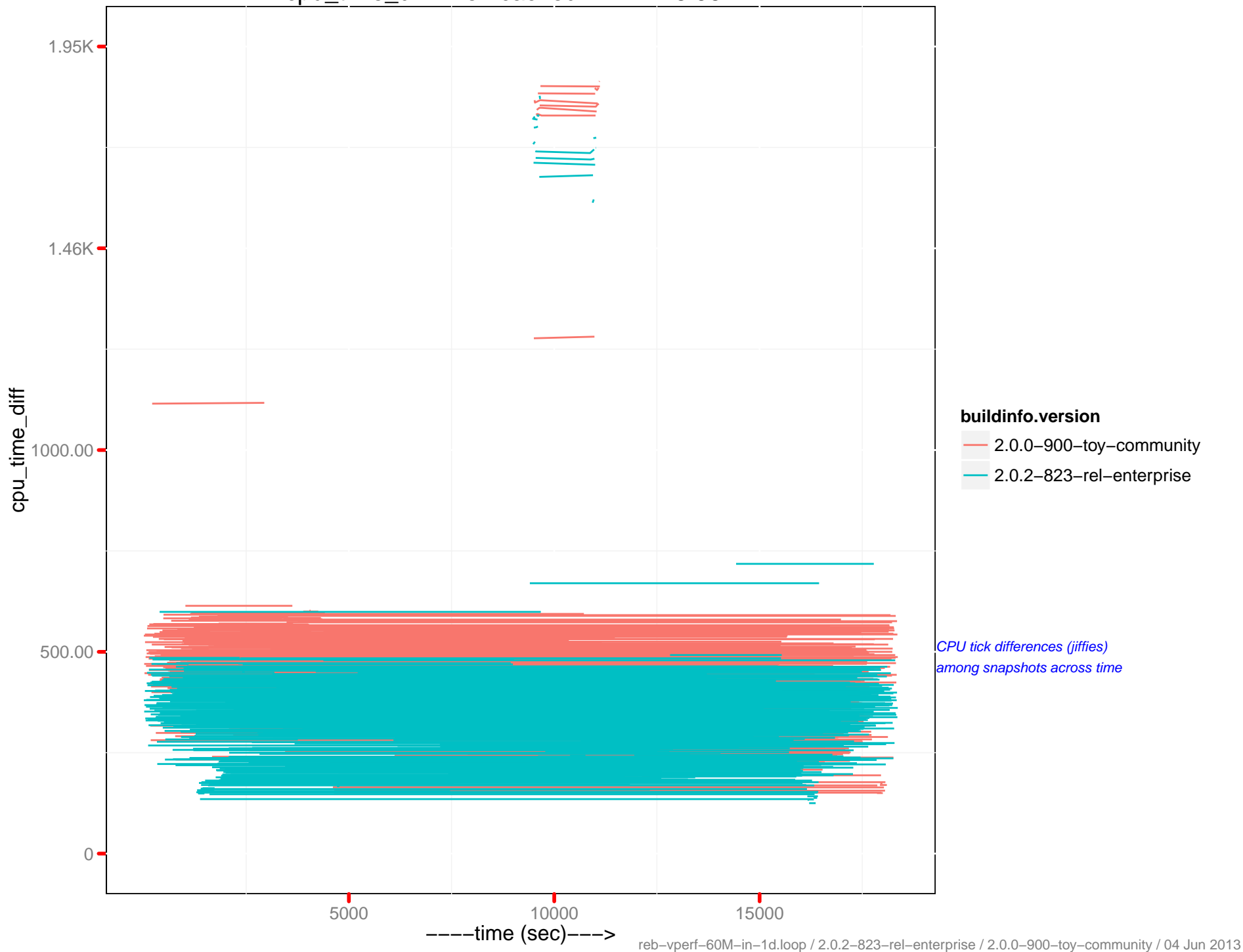
cpu_time_diff: memcached – 172.23.96.16



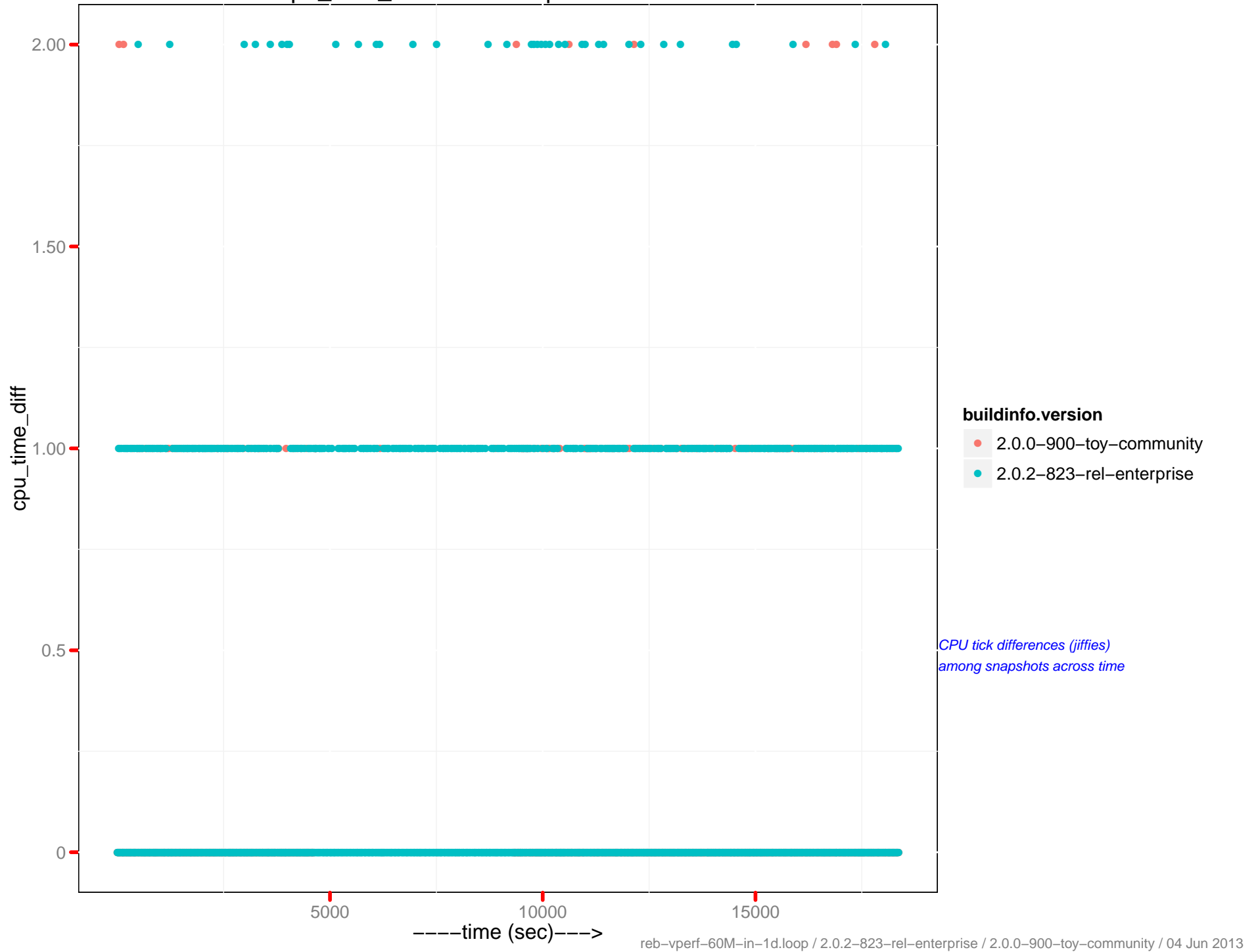
cpu_time_diff : beam.smp - 172.23.96.16



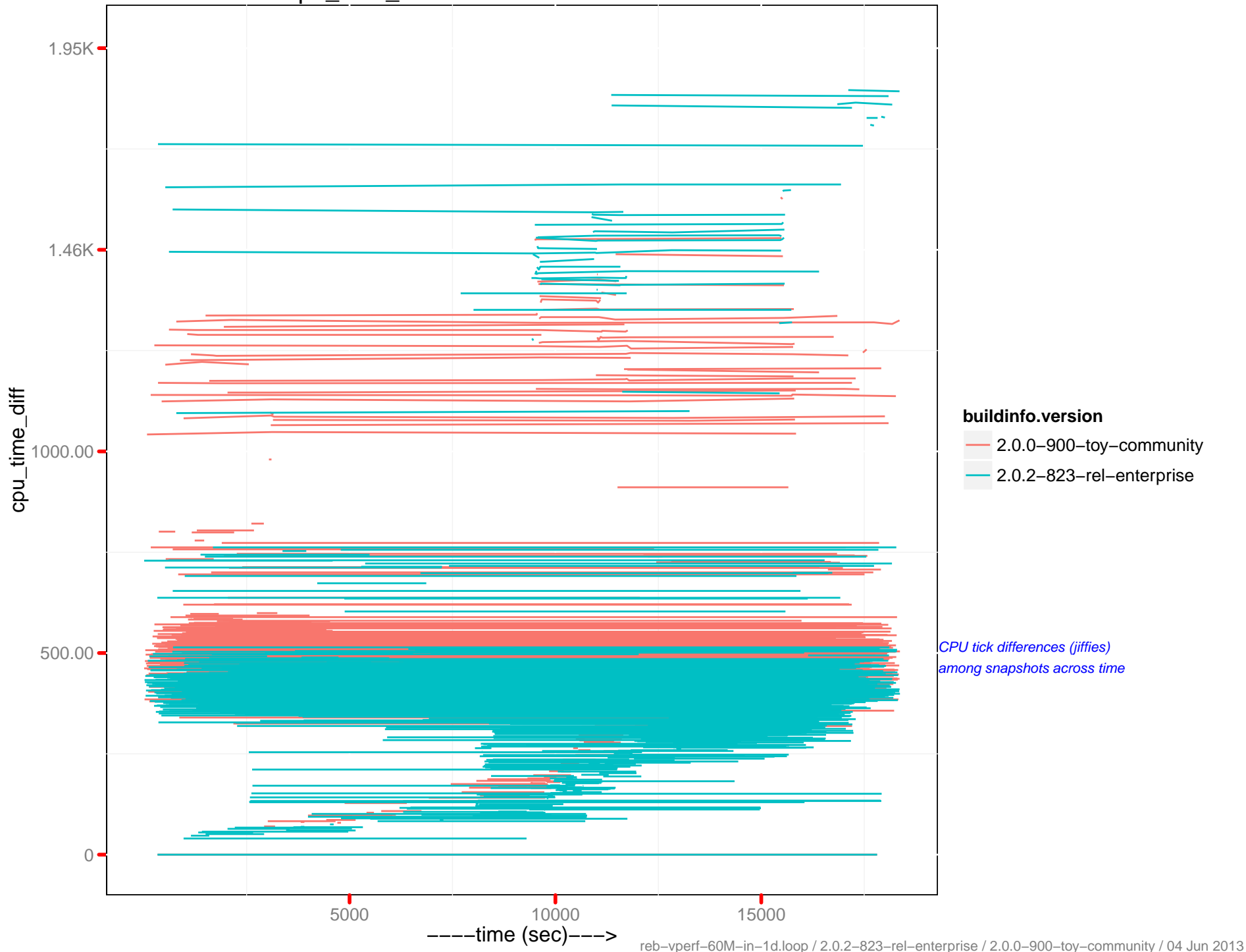
cpu_time_diff: memcached - 172.23.96.17



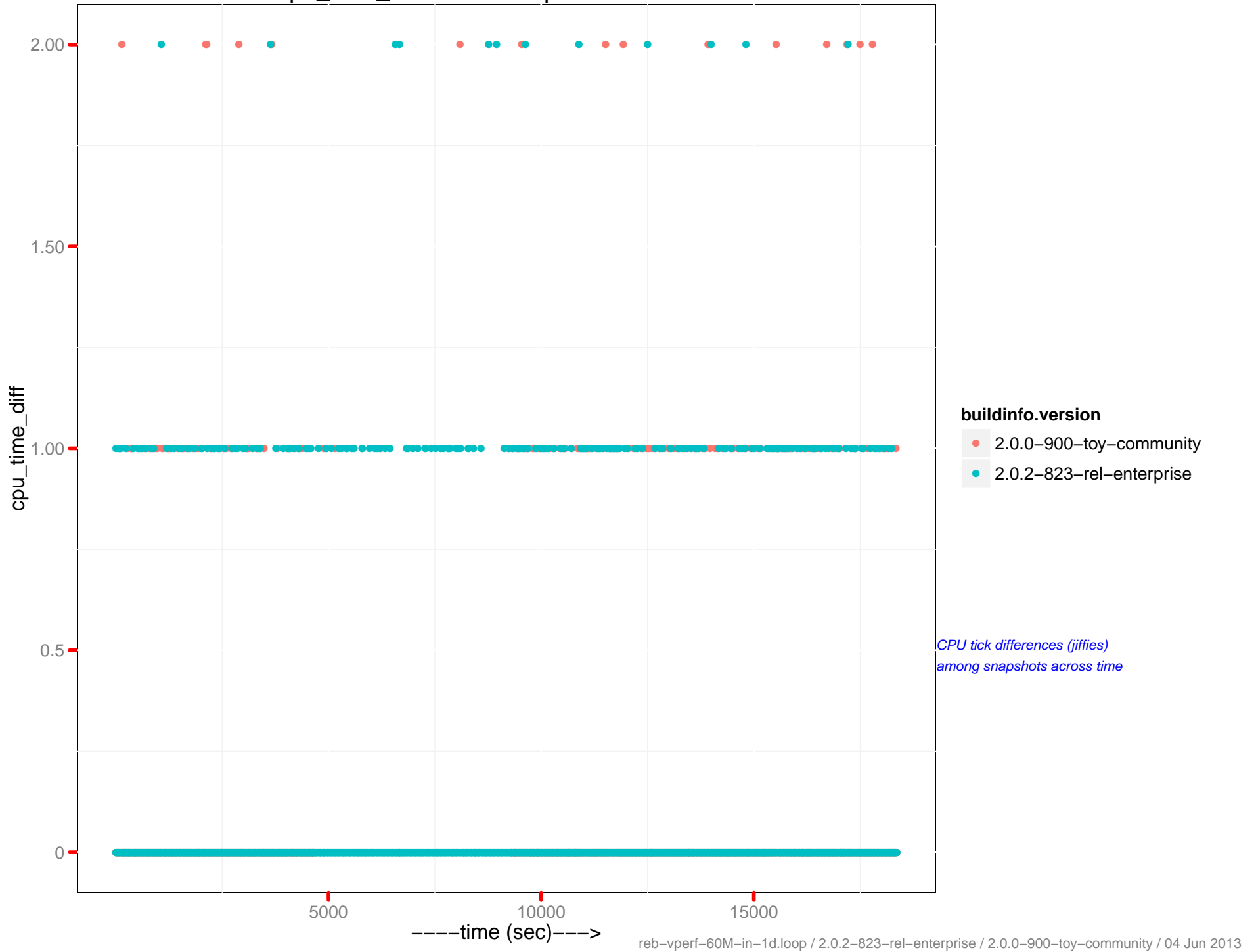
cpu_time_diff : beam.smp - 172.23.96.17



cpu_time_diff: memcached – 172.23.96.18

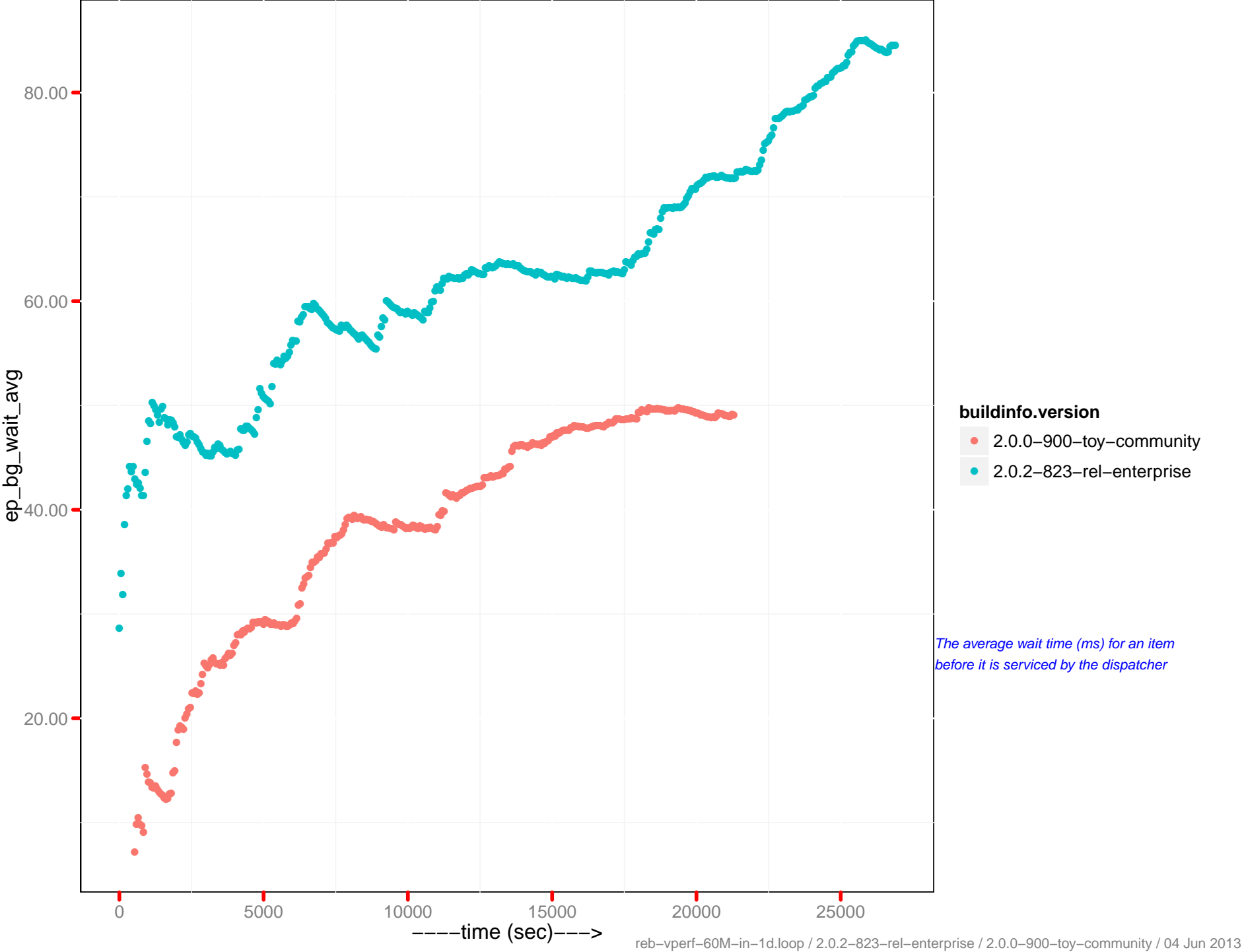


cpu_time_diff : beam.smp - 172.23.96.18



CPU tick differences (jiffies)
among snapshots across time

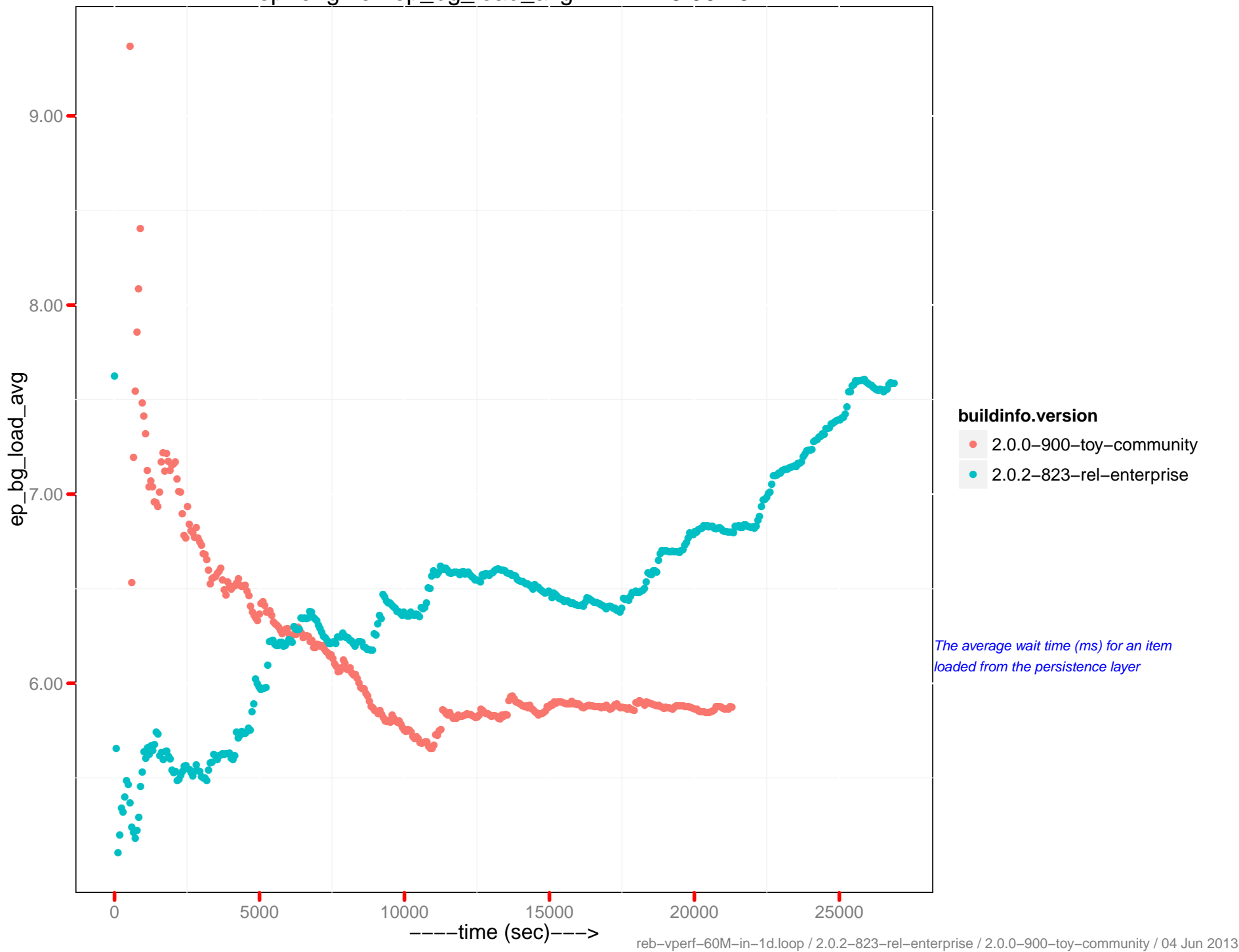
ep-engine : ep_bg_wait_avg - 172.23.96.15



buildinfo.version
● 2.0.0-900-toy-community
● 2.0.2-823-rel-enterprise

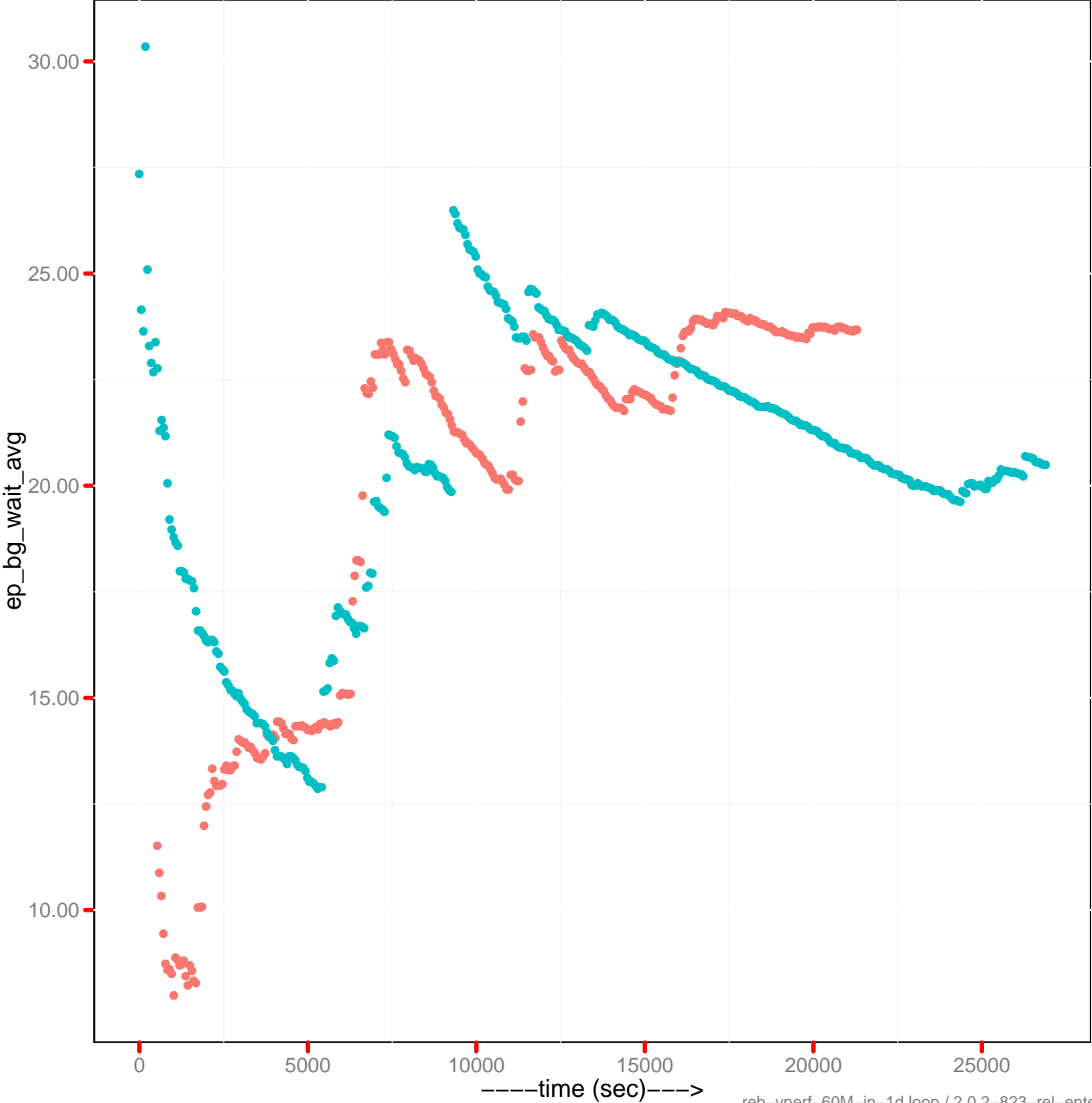
The average wait time (ms) for an item before it is serviced by the dispatcher

ep-engine : ep_bg_load_avg - 172.23.96.15



The average wait time (ms) for an item loaded from the persistence layer

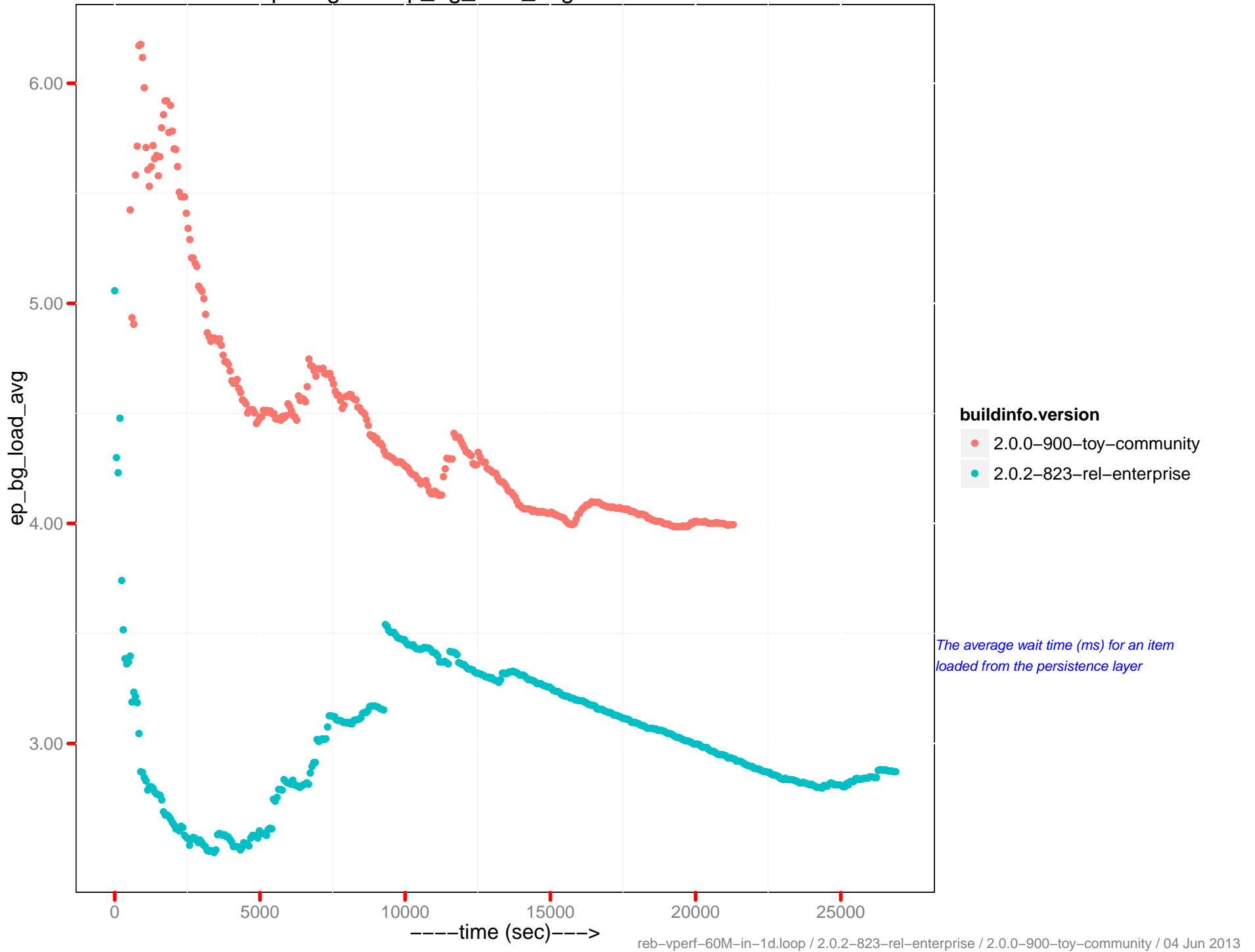
ep-engine : ep_bg_wait_avg - 172.23.96.16



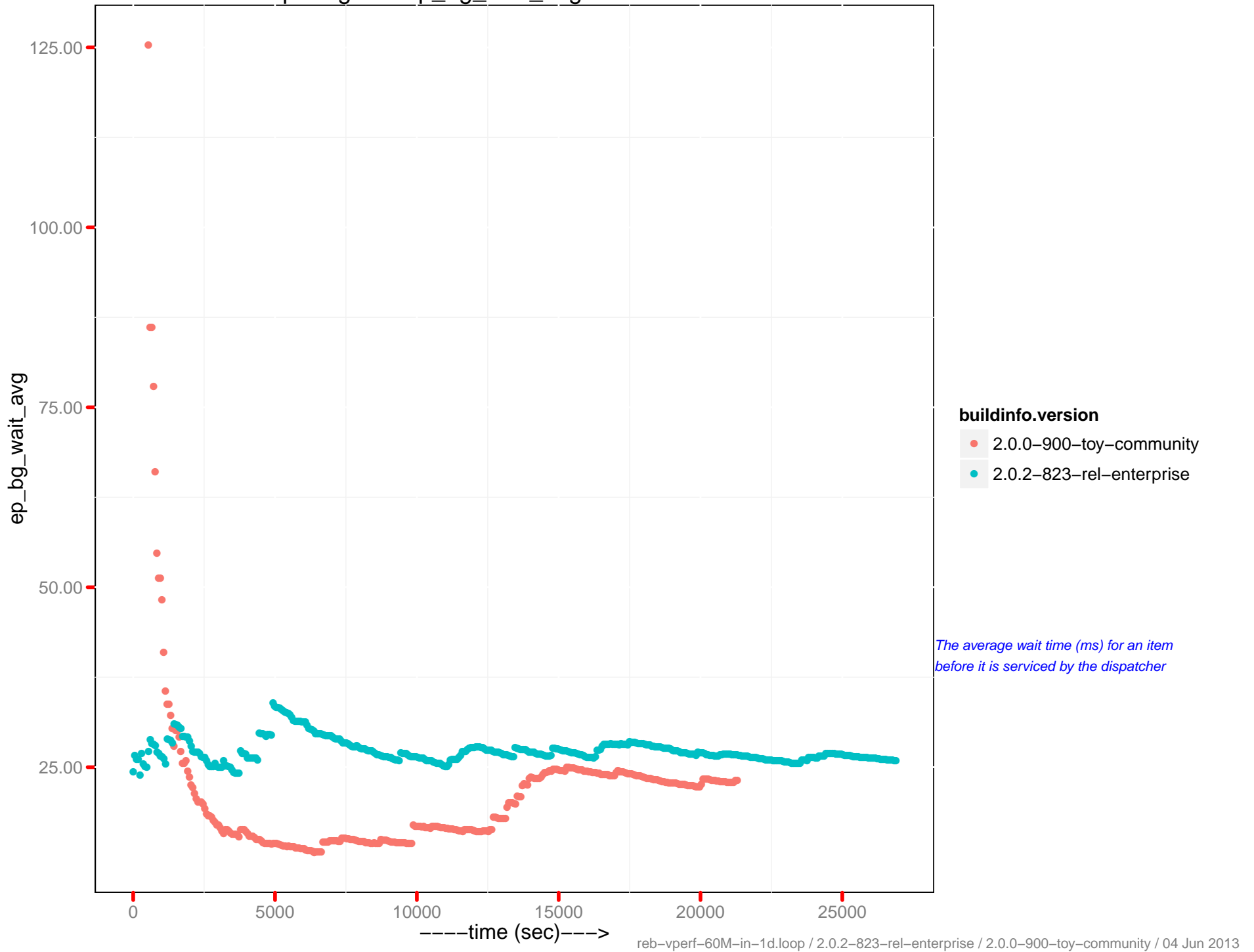
buildinfo.version
● 2.0.0-900-toy-community
● 2.0.2-823-rel-enterprise

The average wait time (ms) for an item before it is serviced by the dispatcher

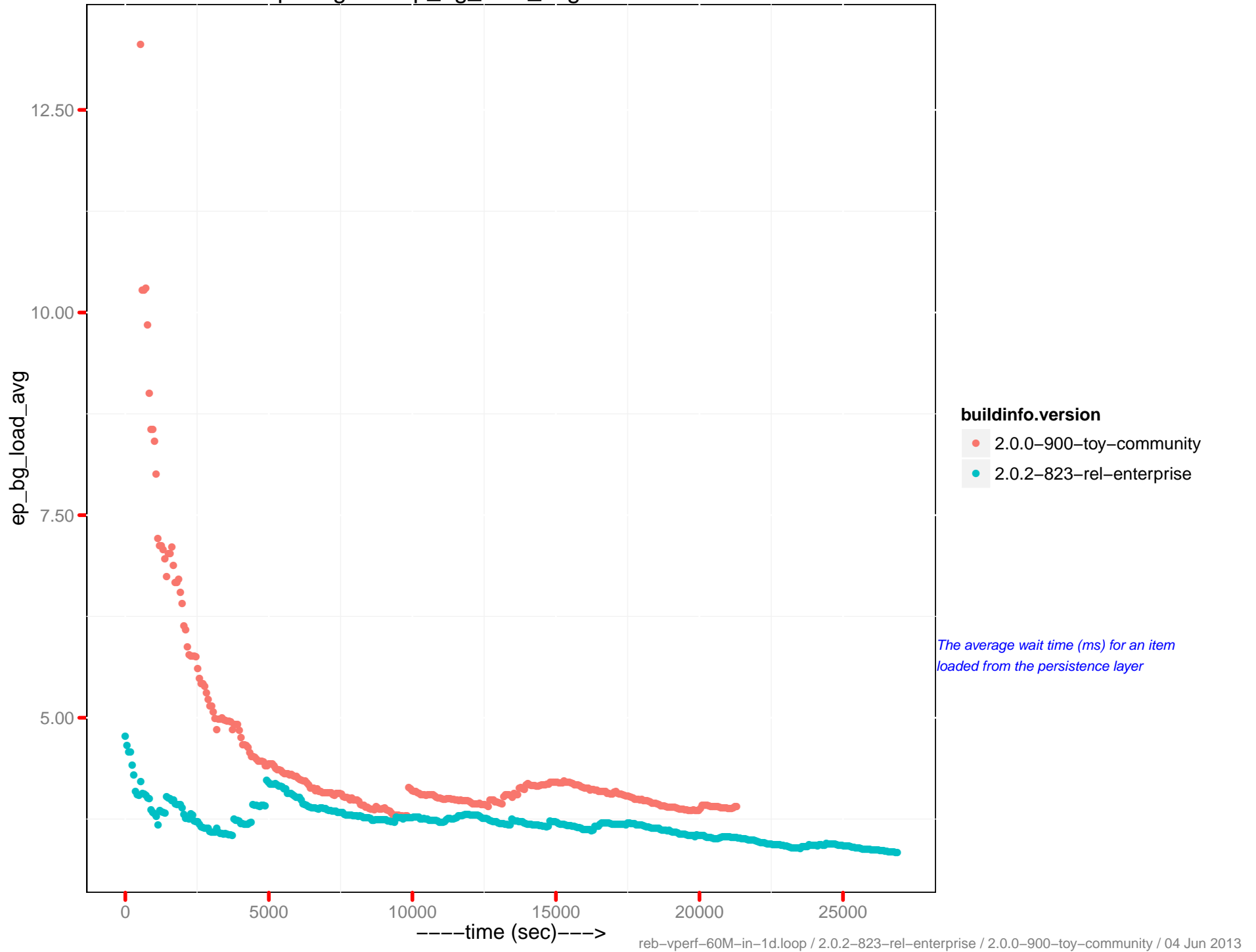
ep-engine : ep_bg_load_avg - 172.23.96.16



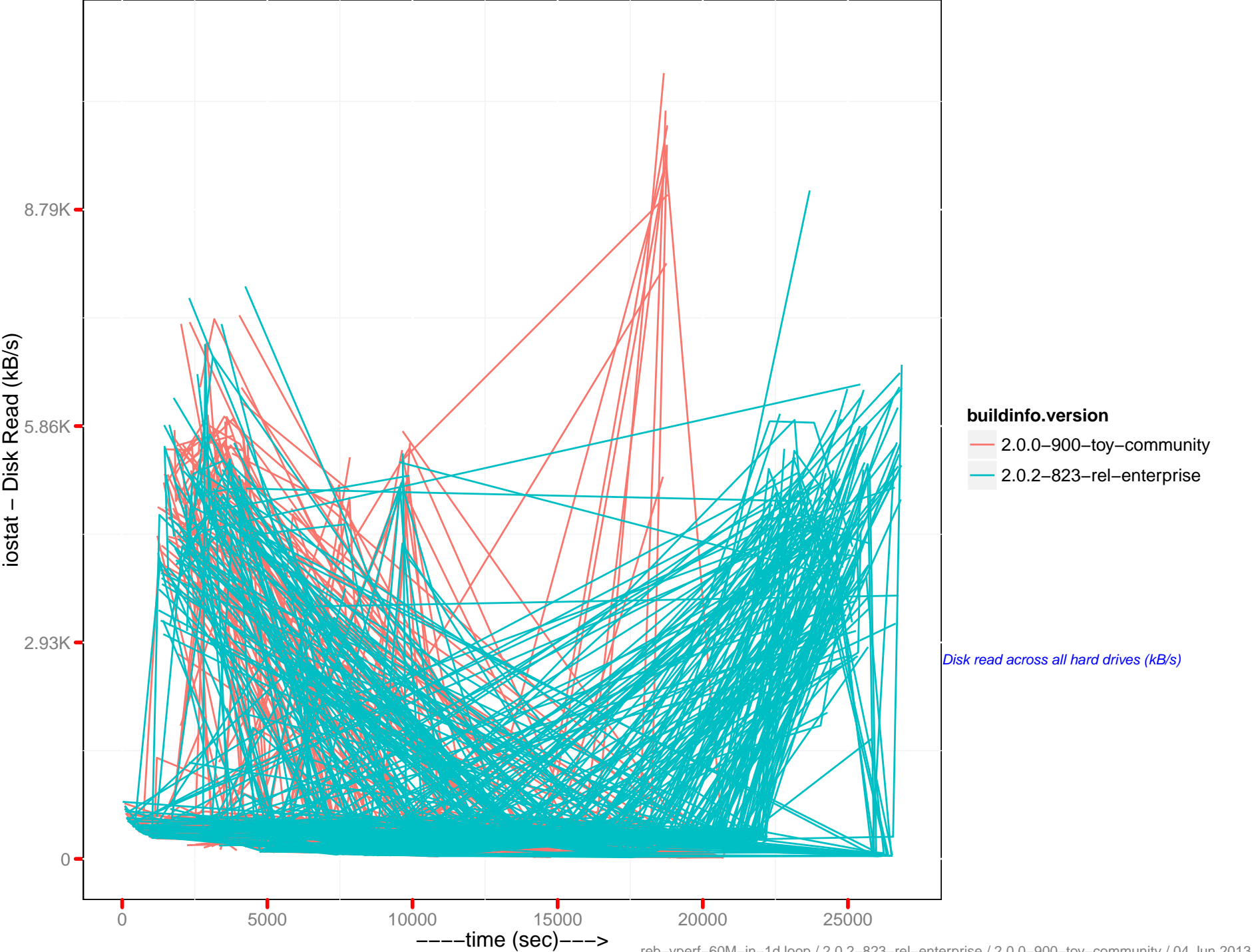
ep-engine : ep_bg_wait_avg - 172.23.96.17



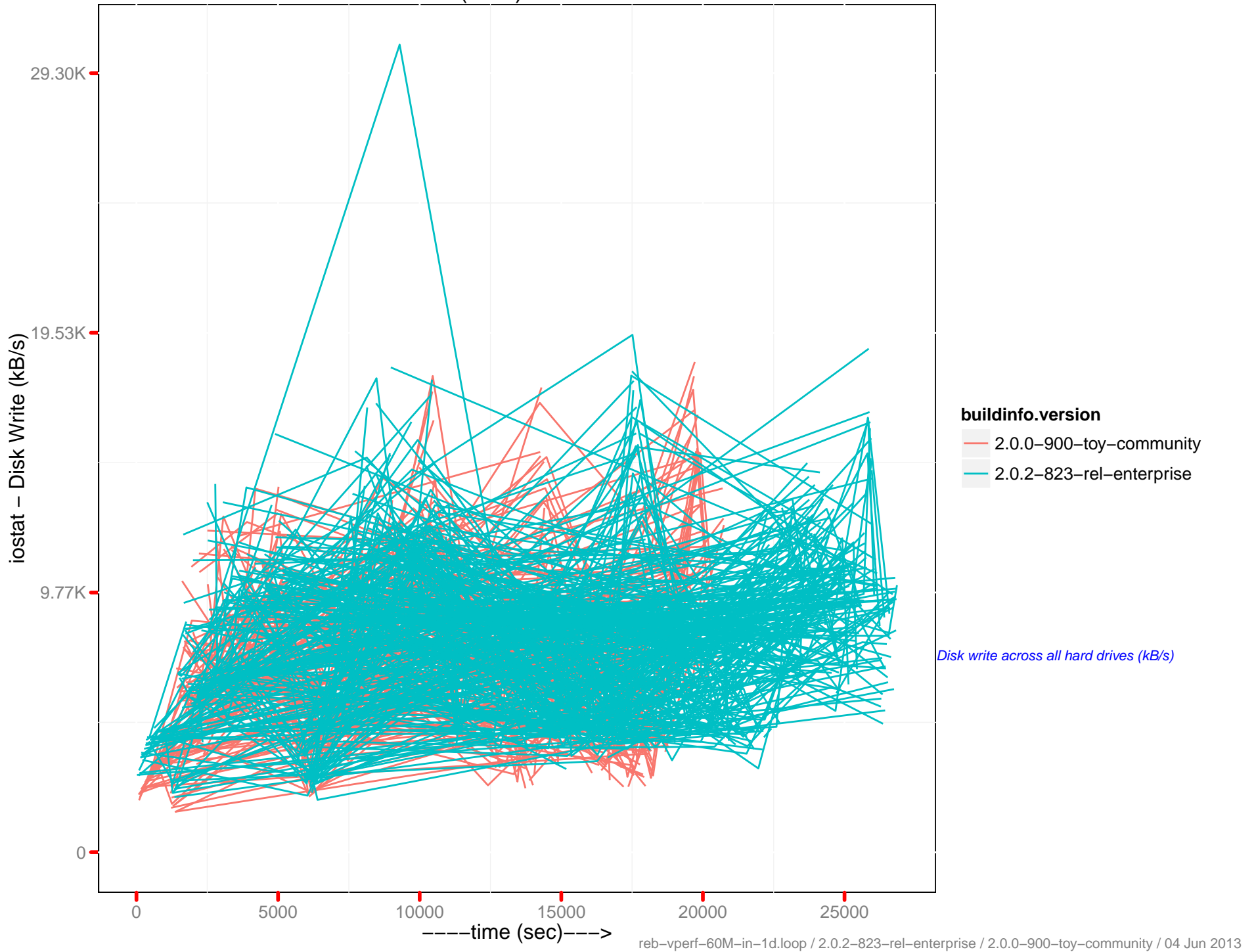
ep-engine : ep_bg_load_avg - 172.23.96.17



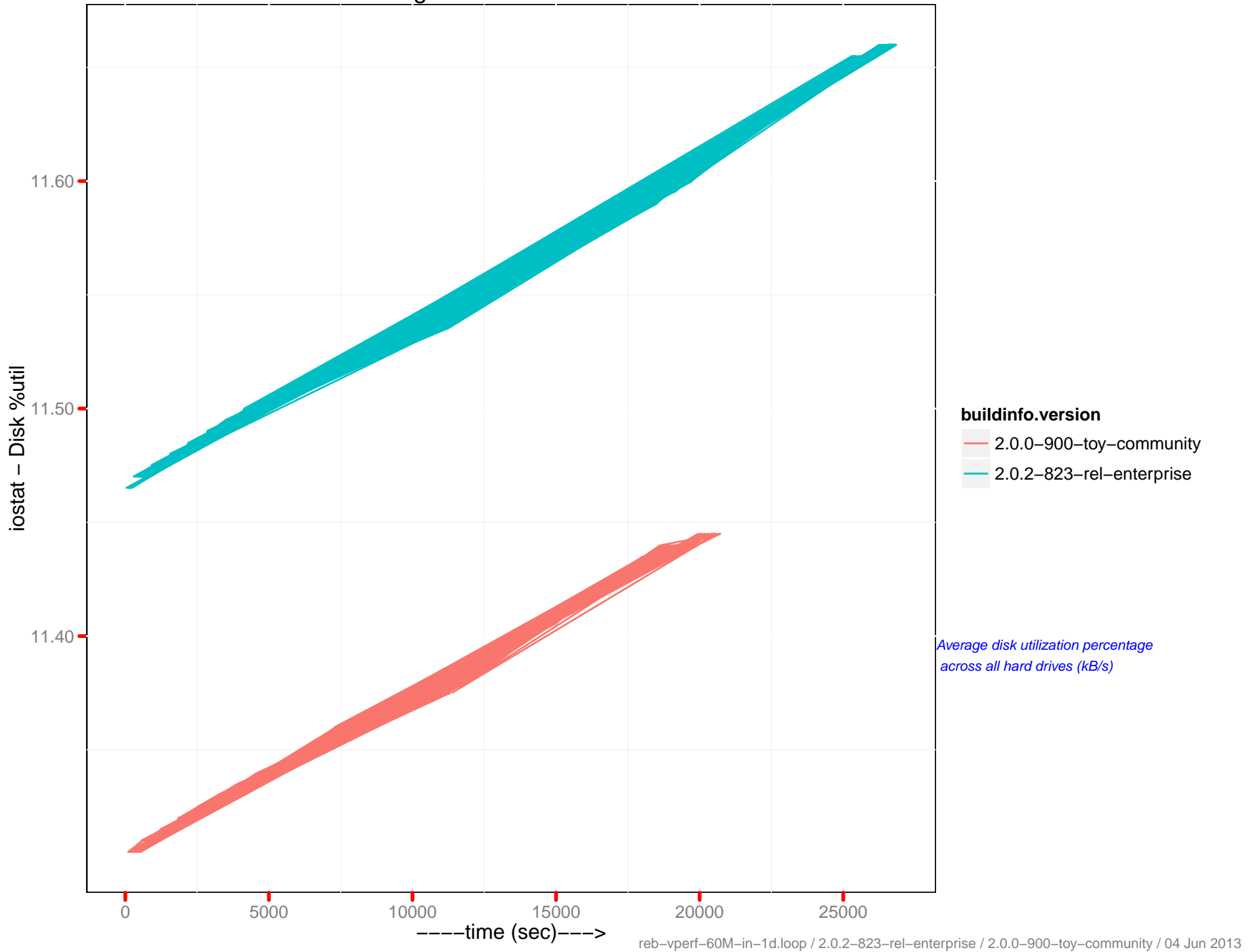
Disk Read (kB/s) : 172.23.96.15



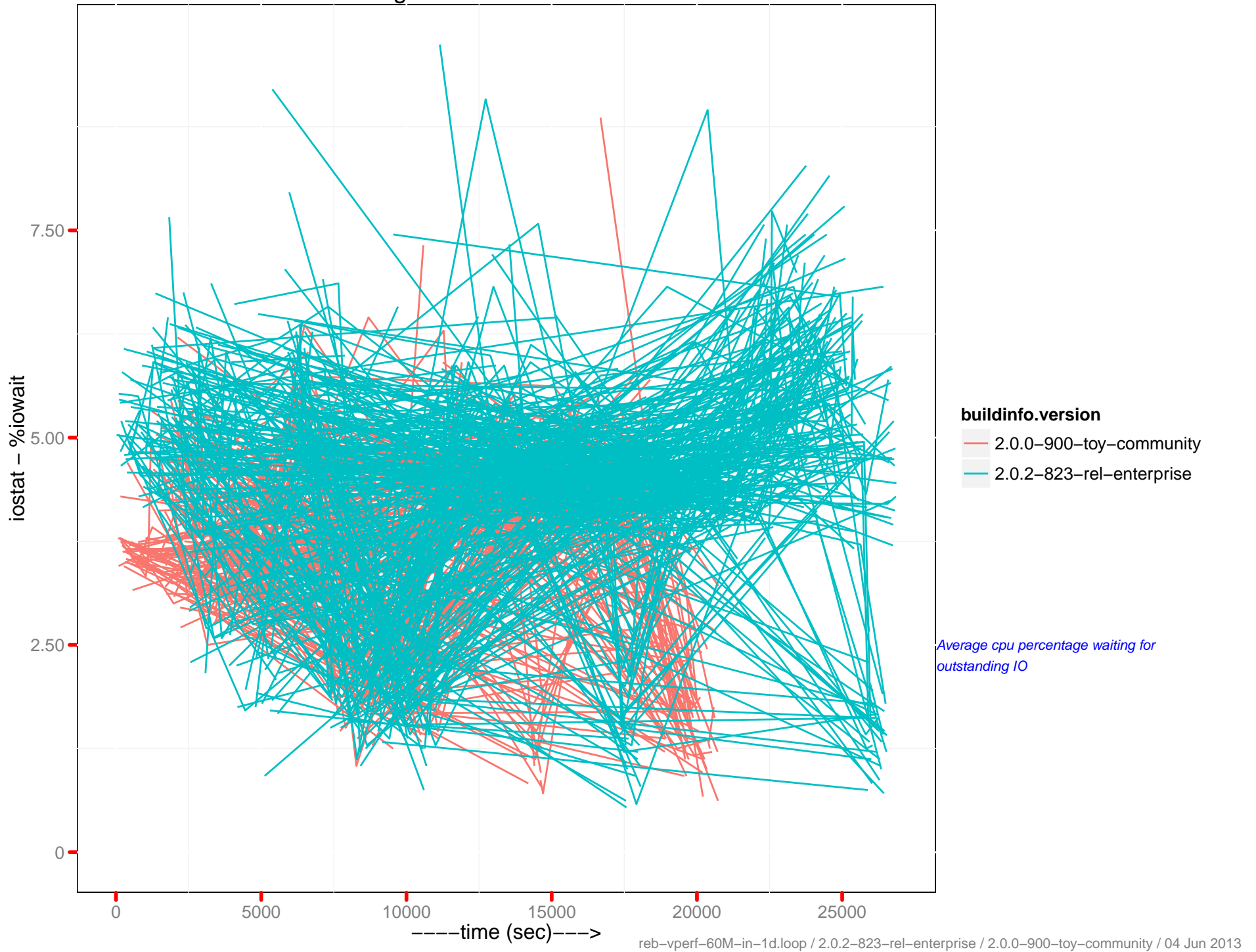
Disk Write (kB/s) : 172.23.96.15



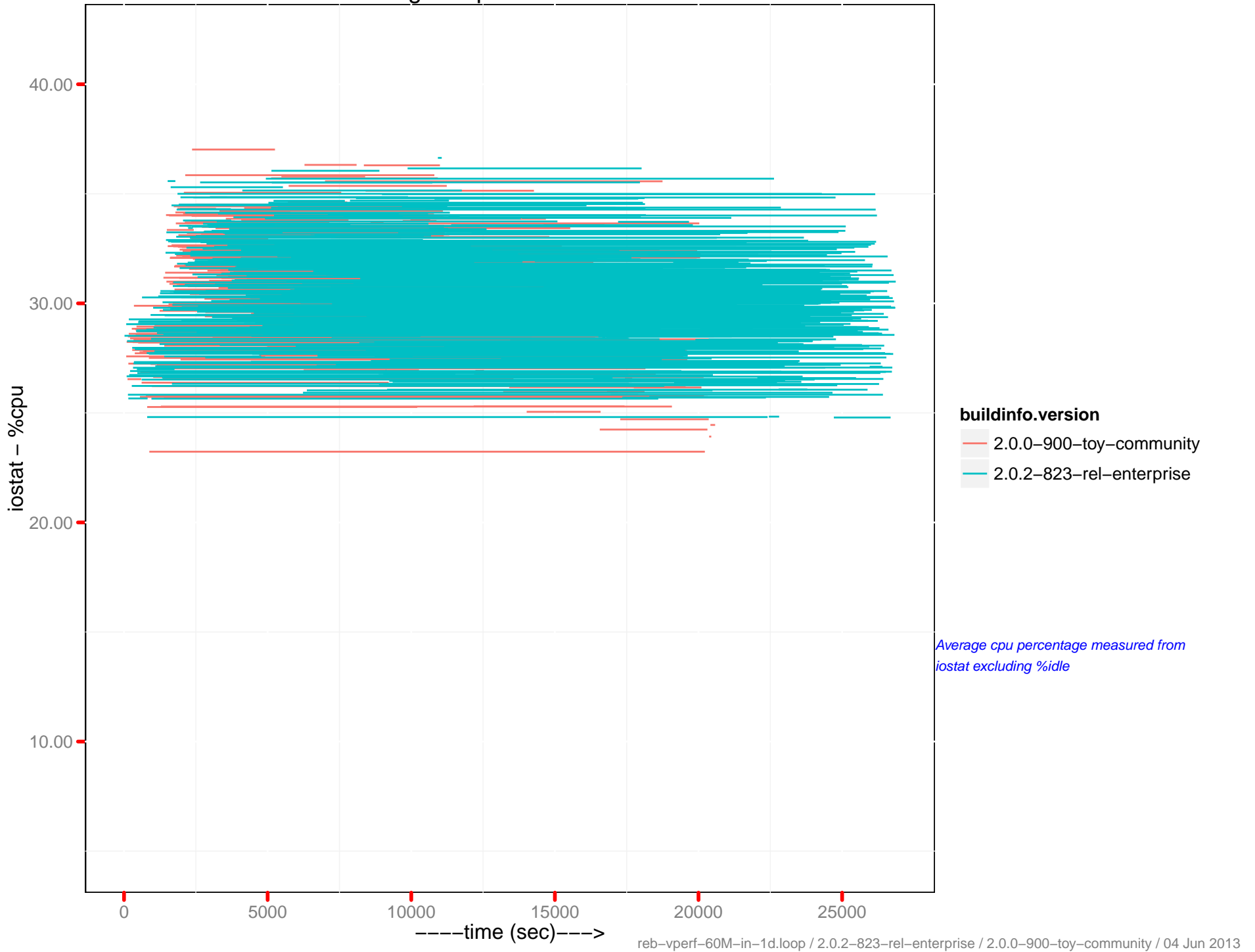
Average %util : 172.23.96.15



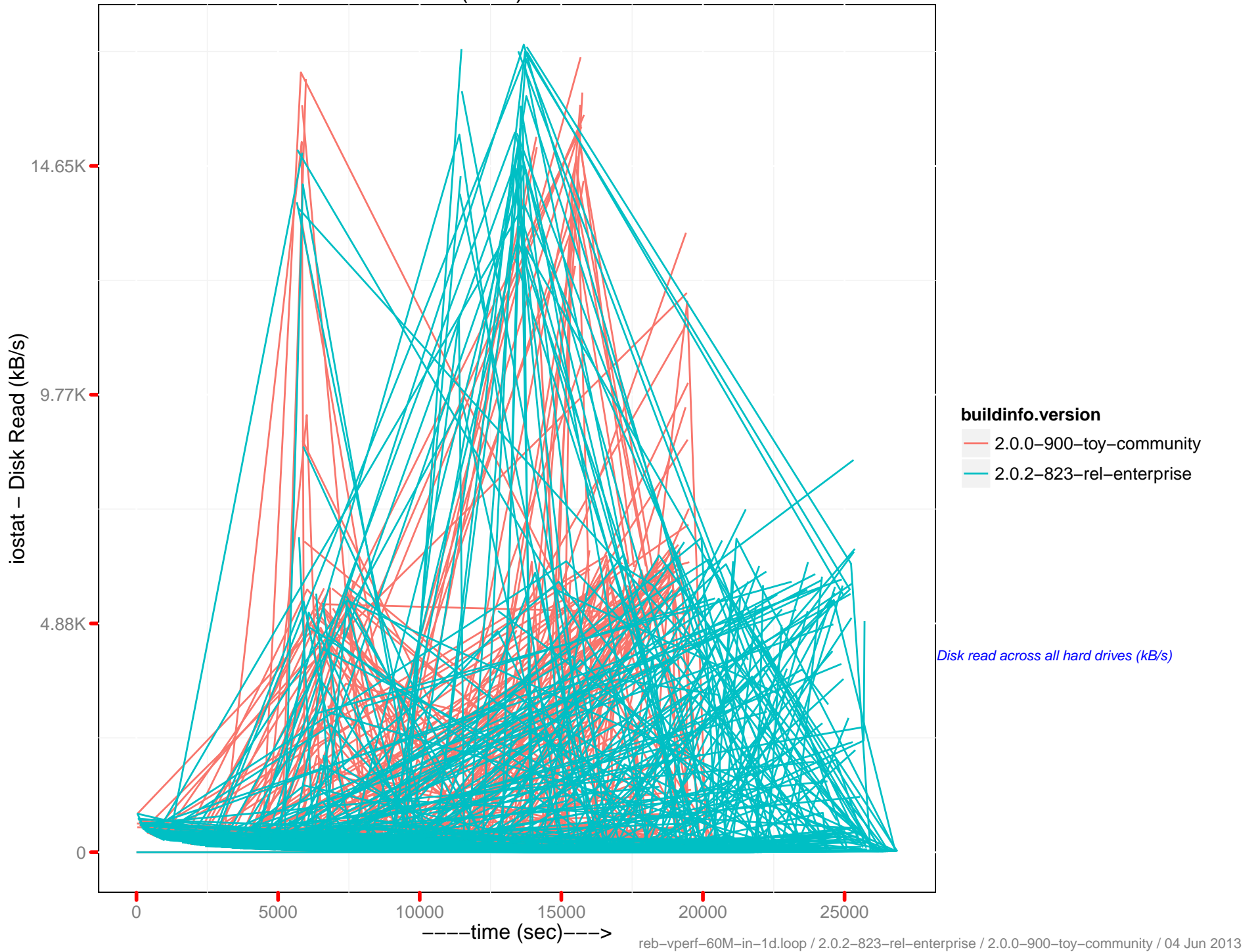
Average %iowait : 172.23.96.15



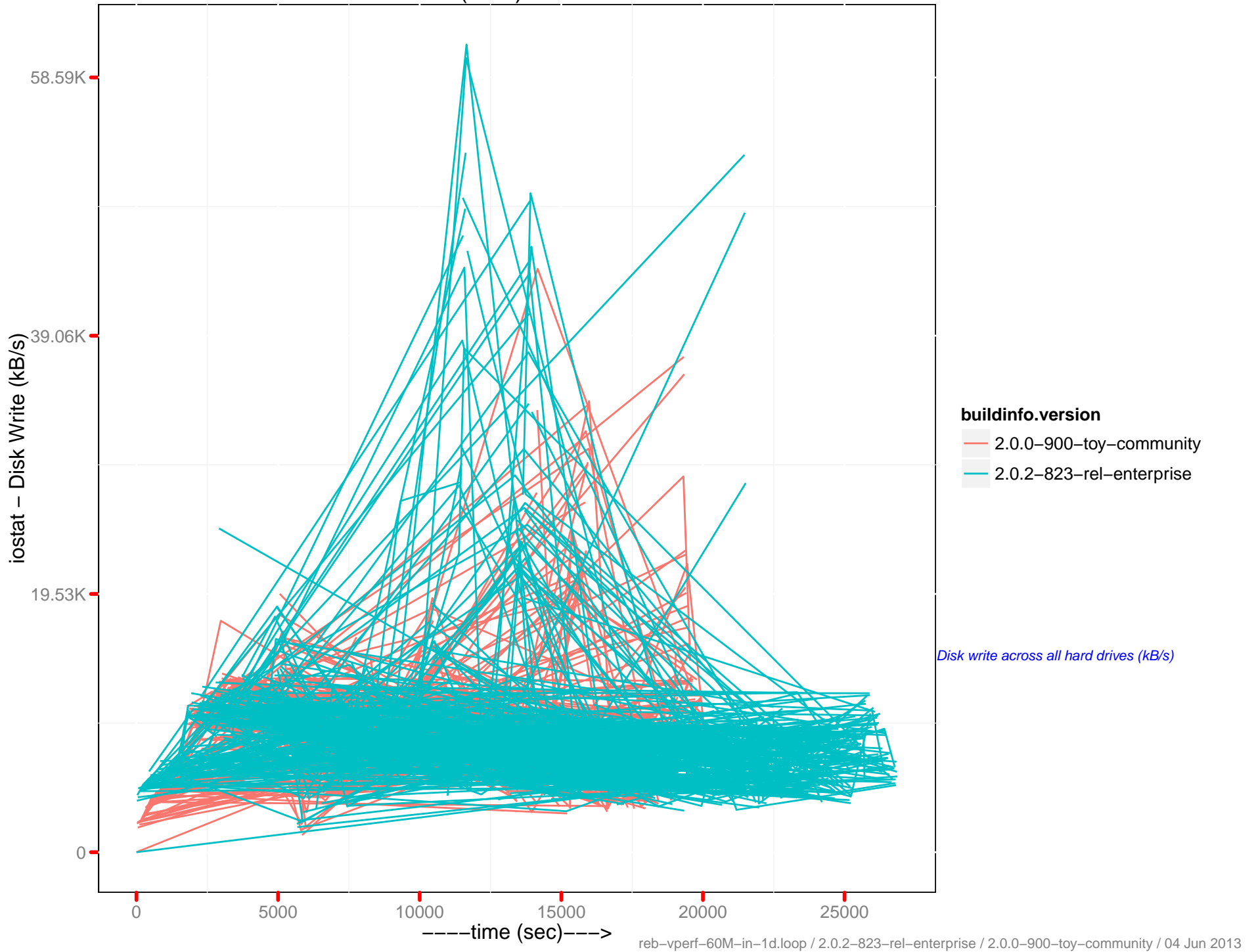
Average %cpu : 172.23.96.15



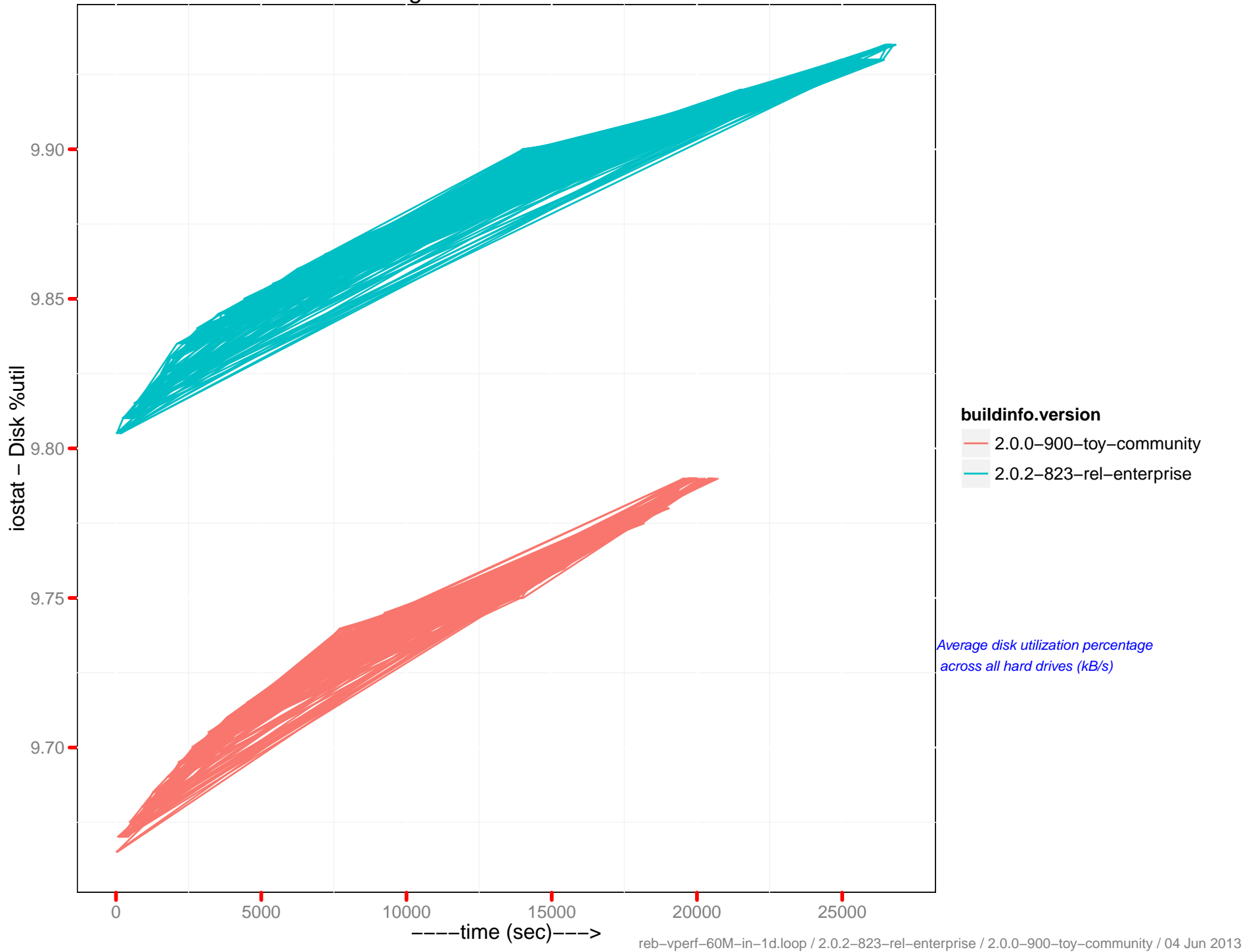
Disk Read (kB/s) : 172.23.96.16



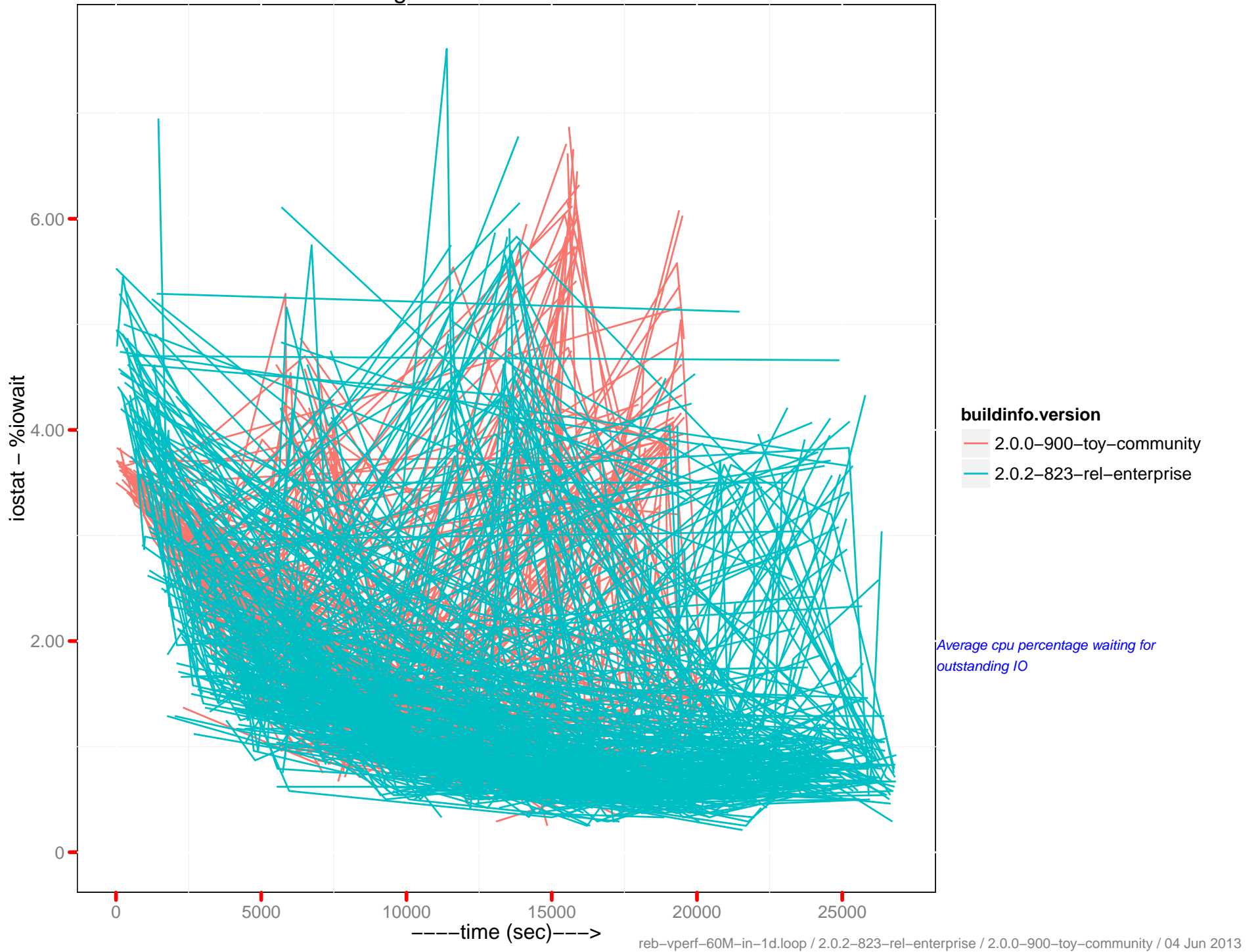
Disk Write (kB/s) : 172.23.96.16



Average %util : 172.23.96.16



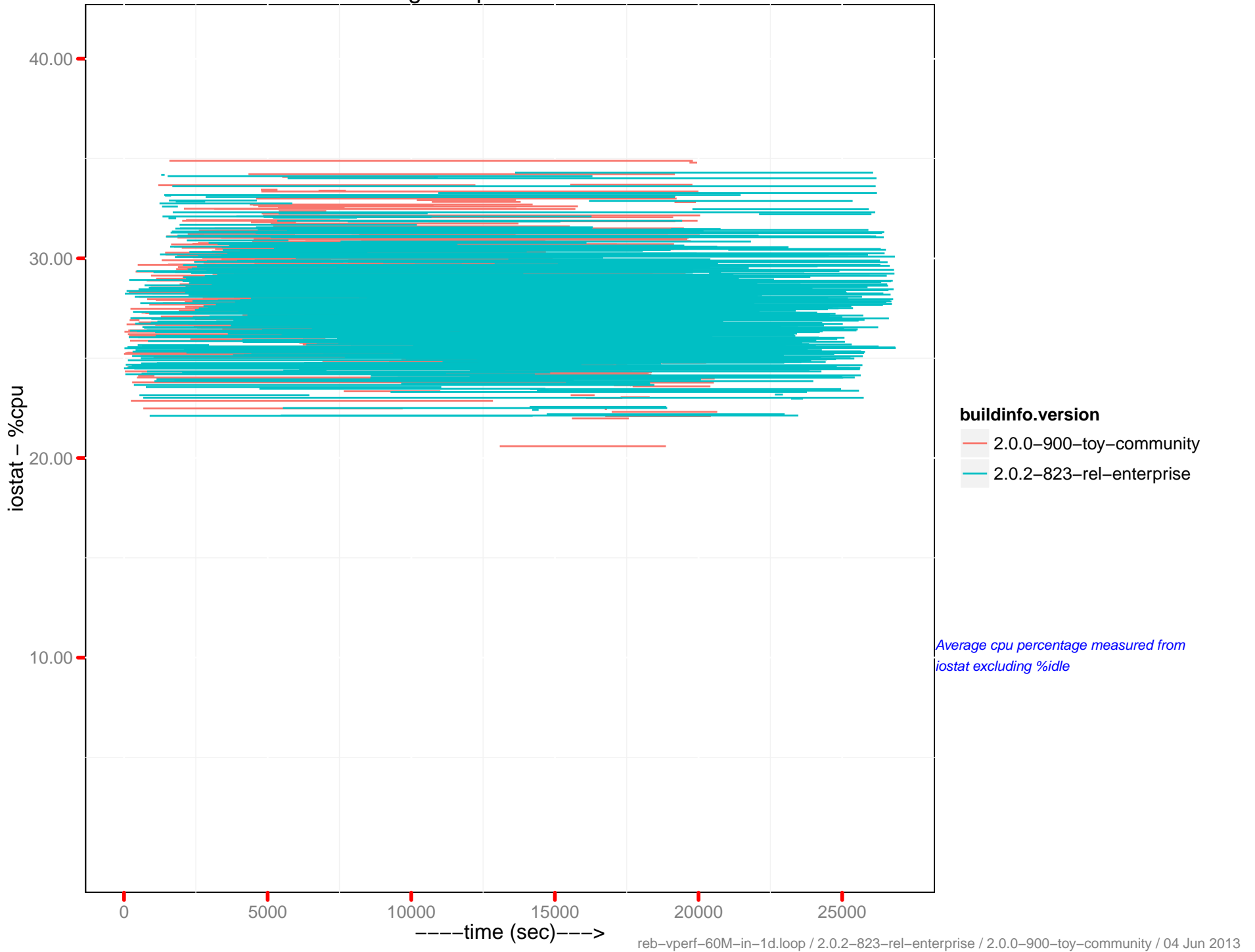
Average %iowait : 172.23.96.16



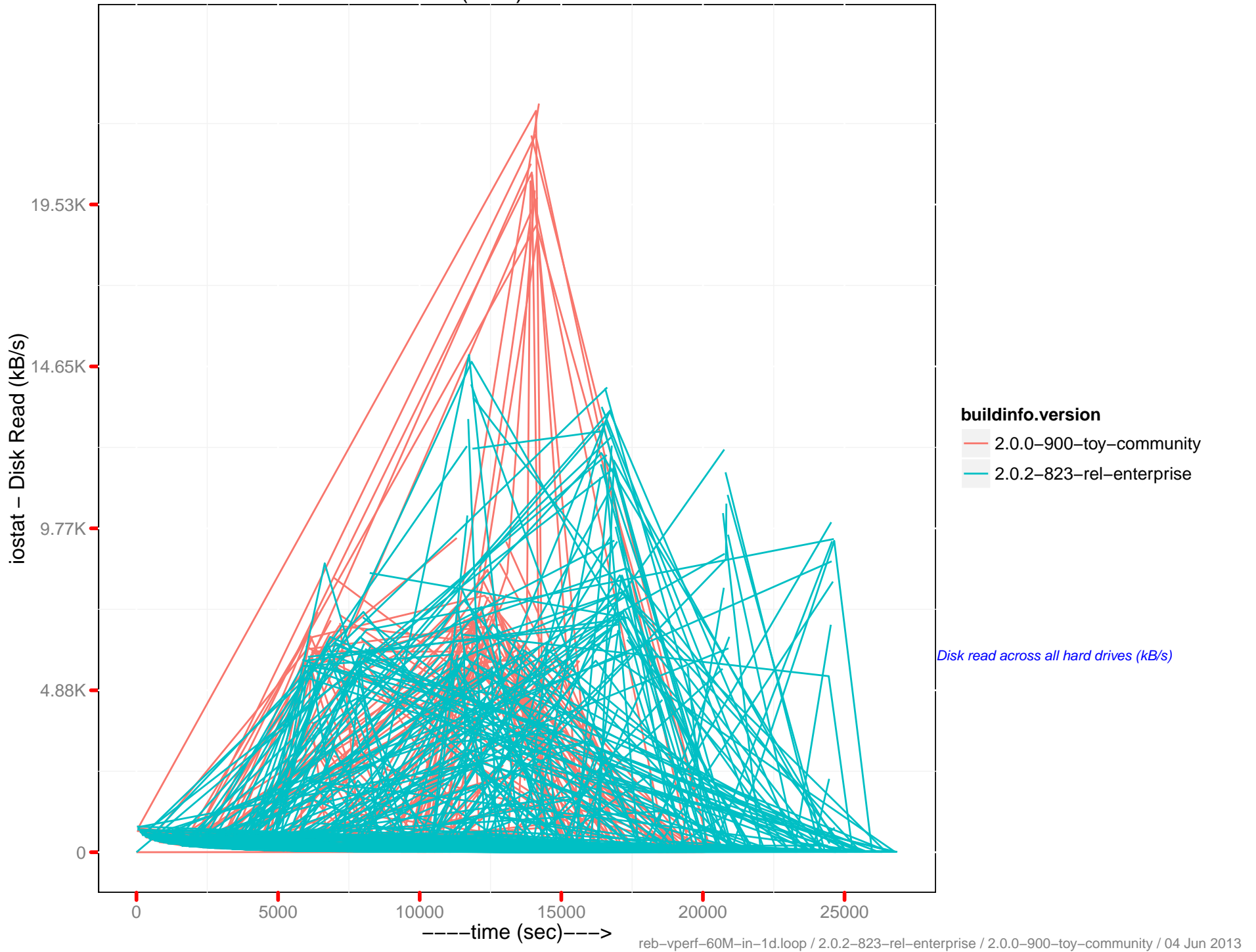
buildinfo.version
2.0.0-900-toy-community
2.0.2-823-rel-enterprise

Average cpu percentage waiting for outstanding IO

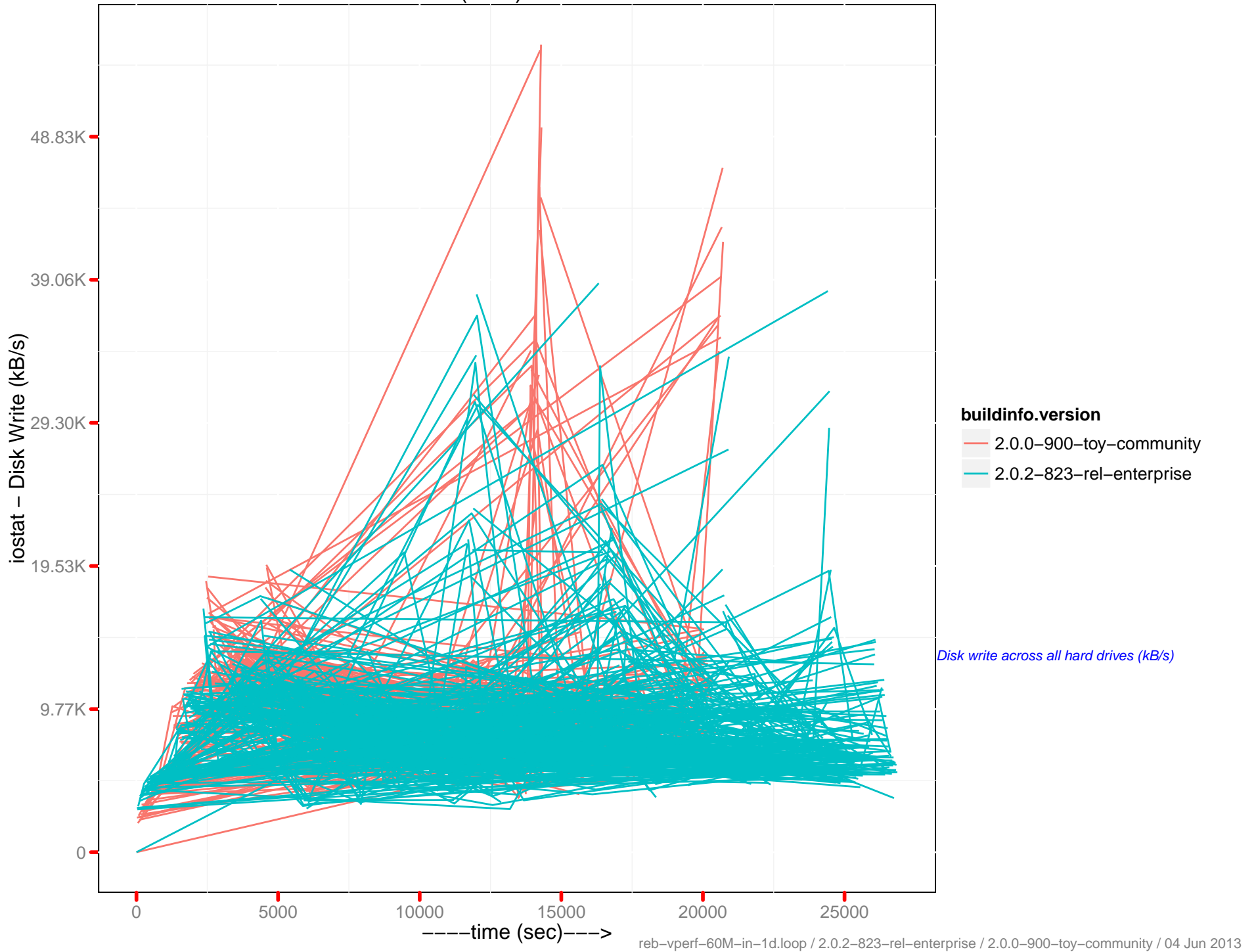
Average %cpu : 172.23.96.16



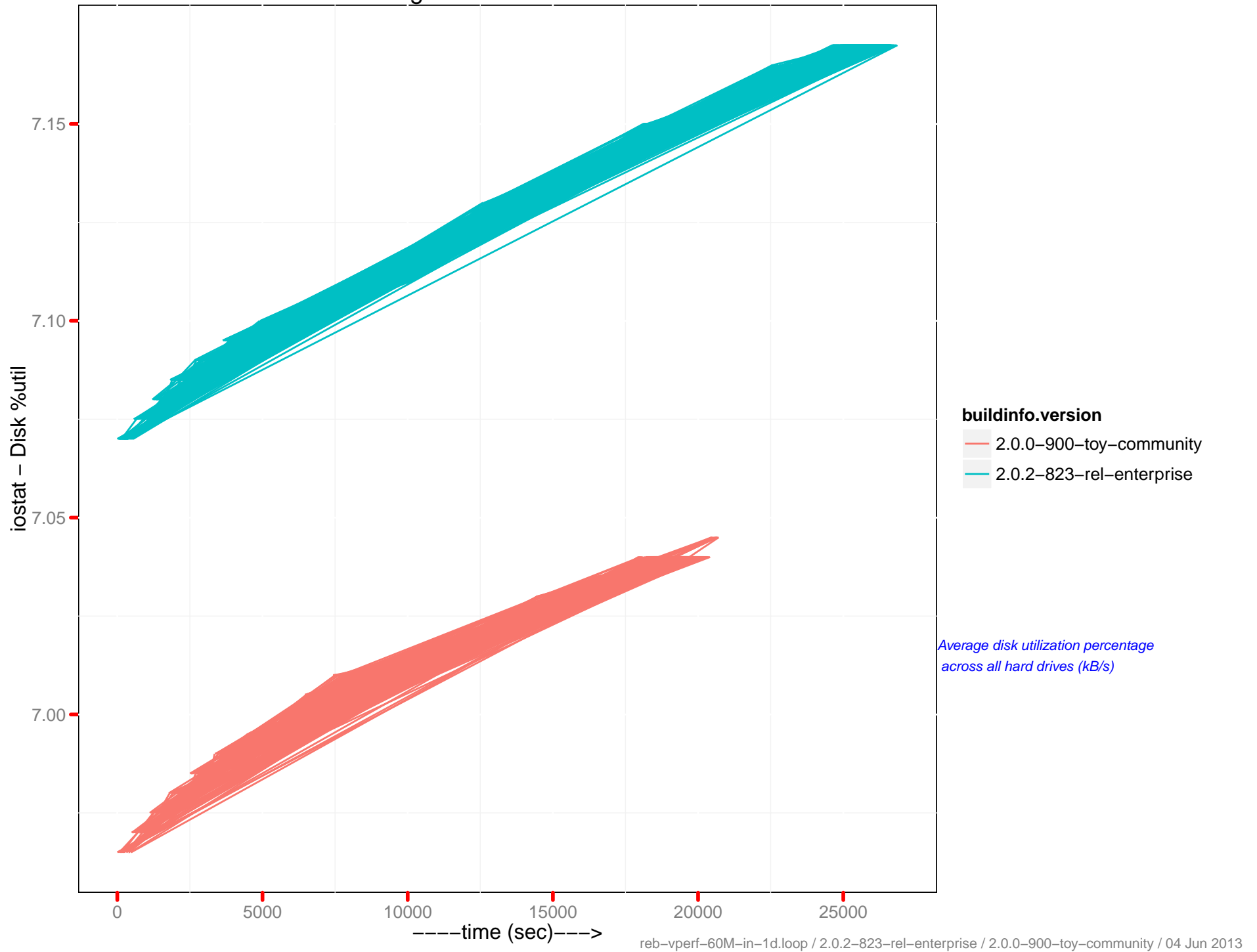
Disk Read (kB/s) : 172.23.96.17



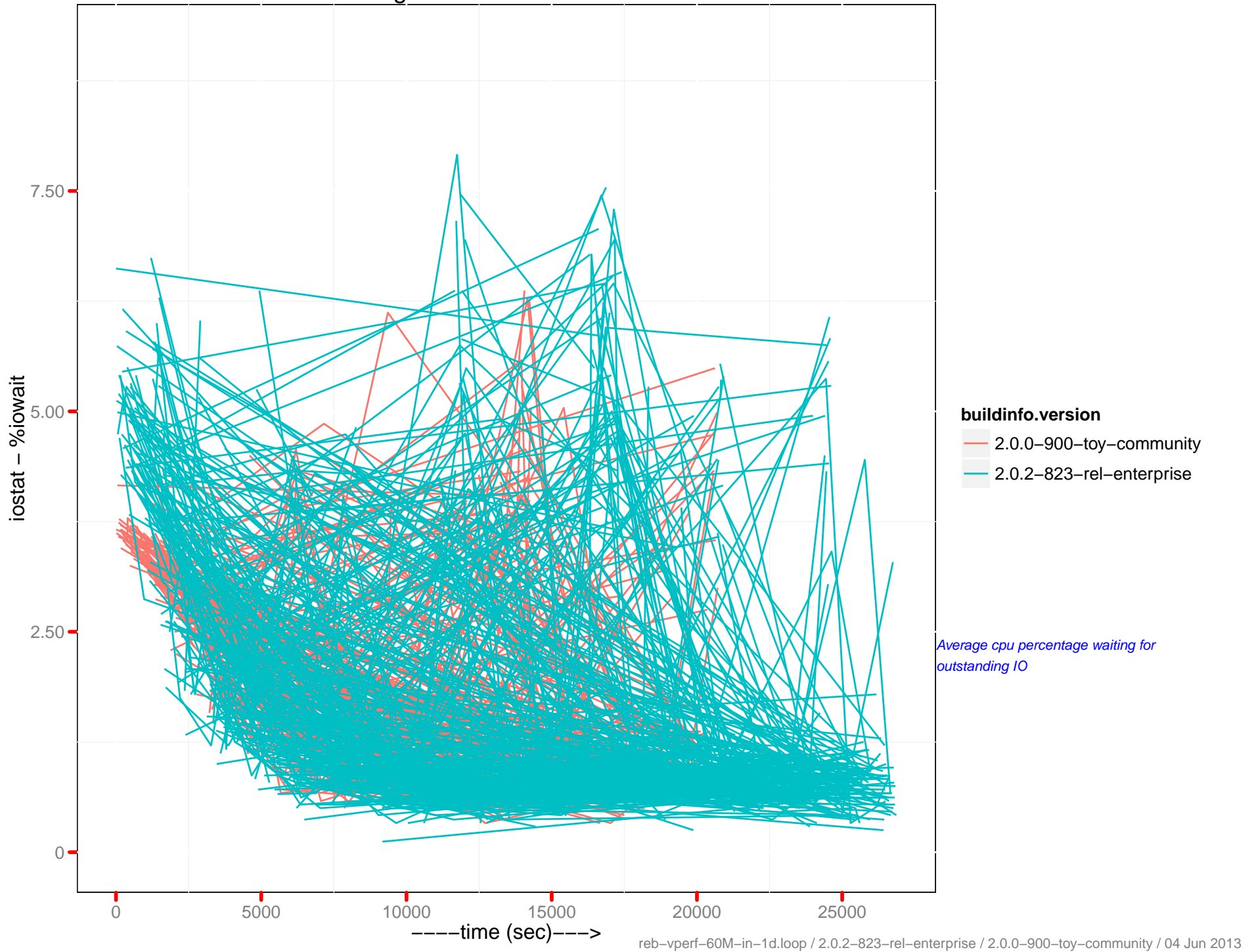
Disk Write (kB/s) : 172.23.96.17



Average %util : 172.23.96.17



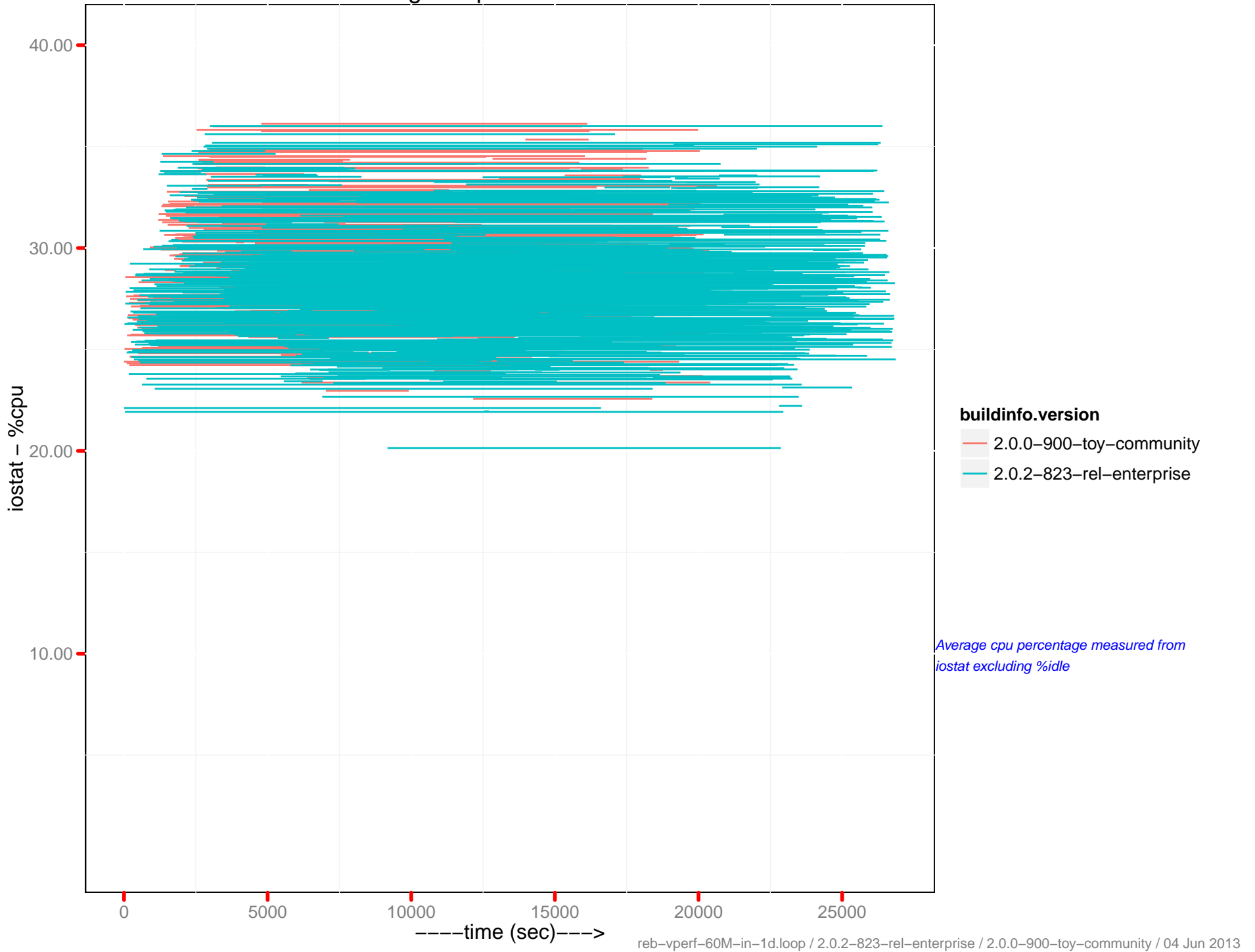
Average %iowait : 172.23.96.17



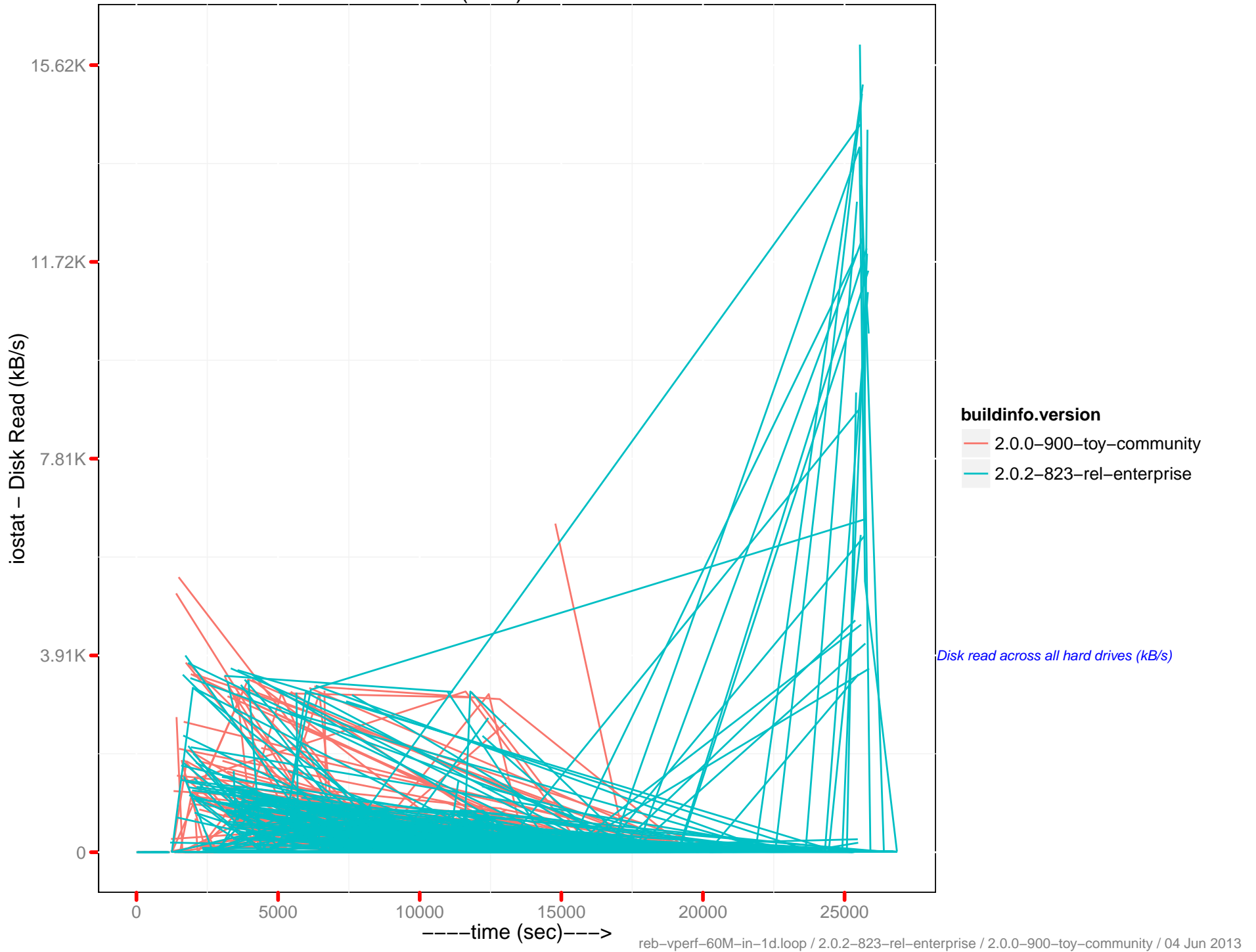
buildinfo.version
2.0.0-900-toy-community
2.0.2-823-rel-enterprise

Average cpu percentage waiting for outstanding IO

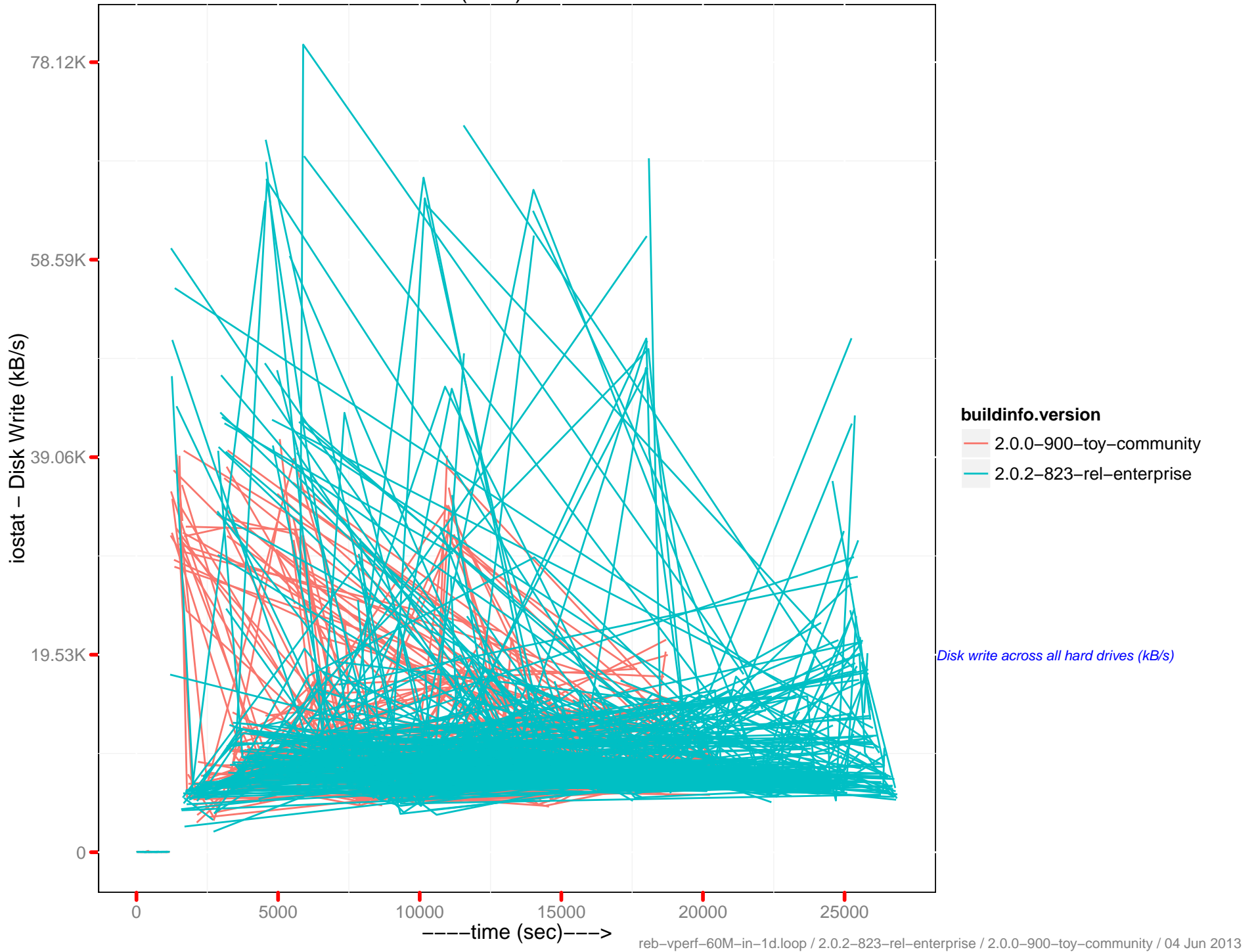
Average %cpu : 172.23.96.17



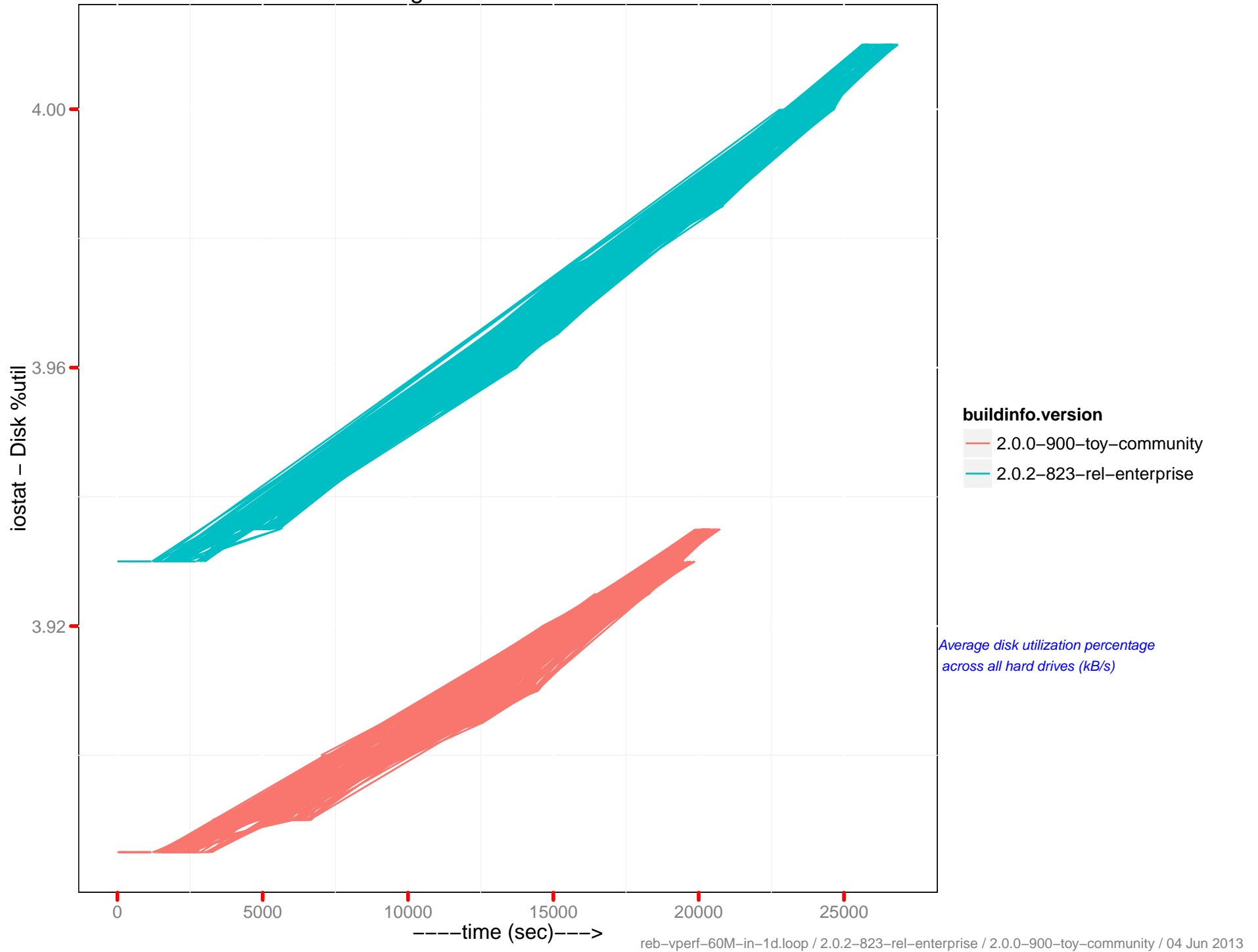
Disk Read (kB/s) : 172.23.96.18



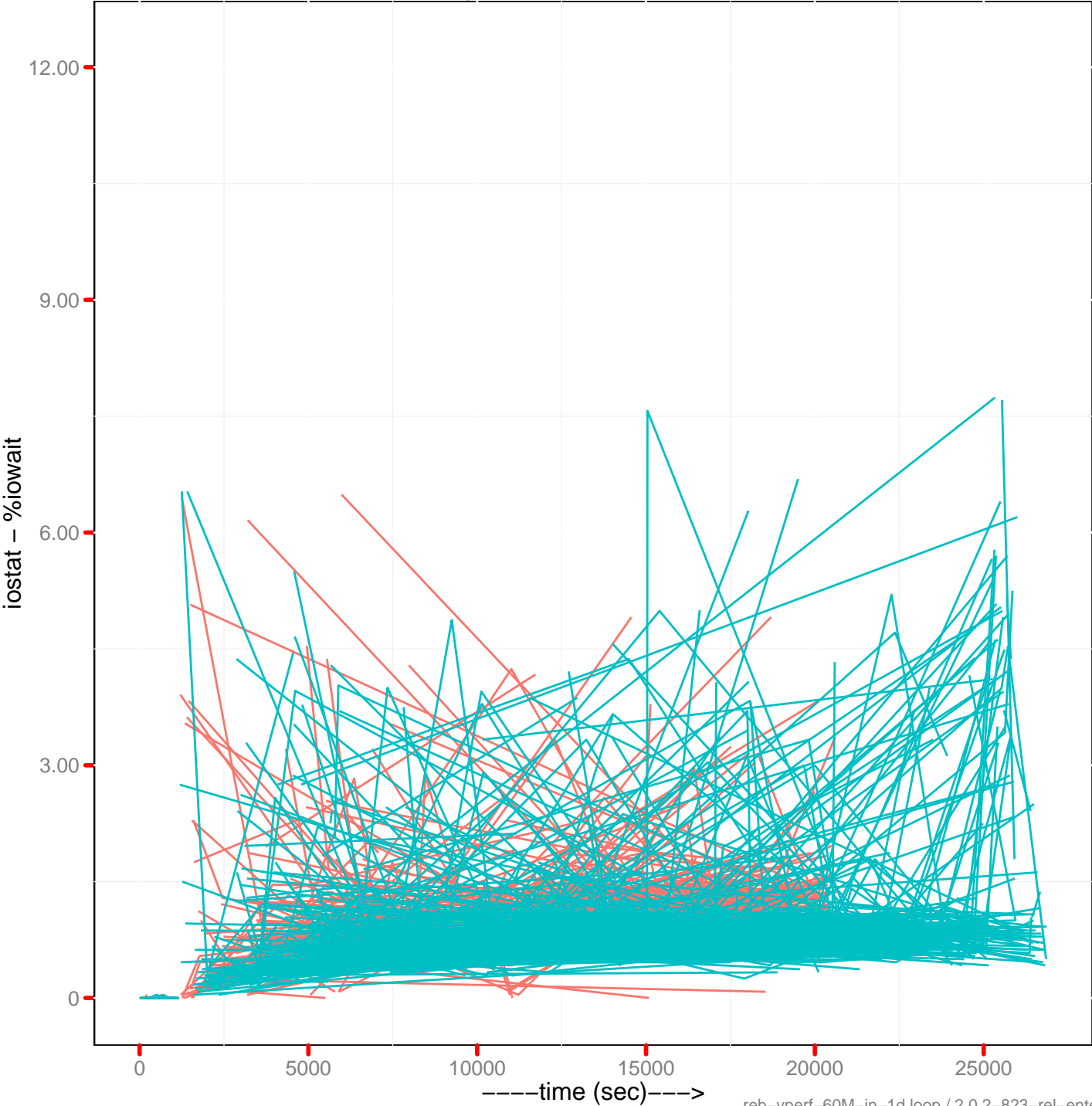
Disk Write (kB/s) : 172.23.96.18



Average %util : 172.23.96.18



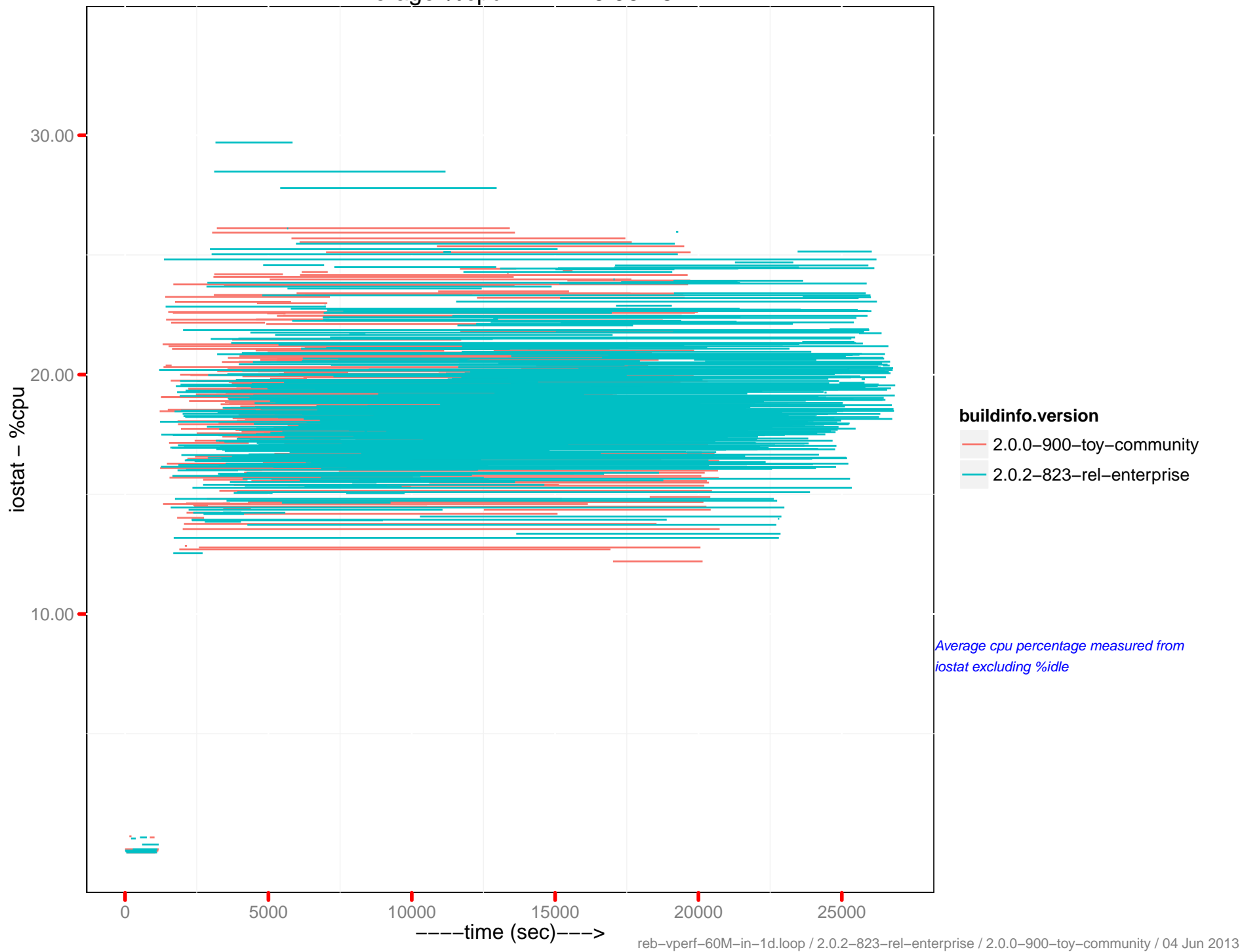
Average %iowait : 172.23.96.18



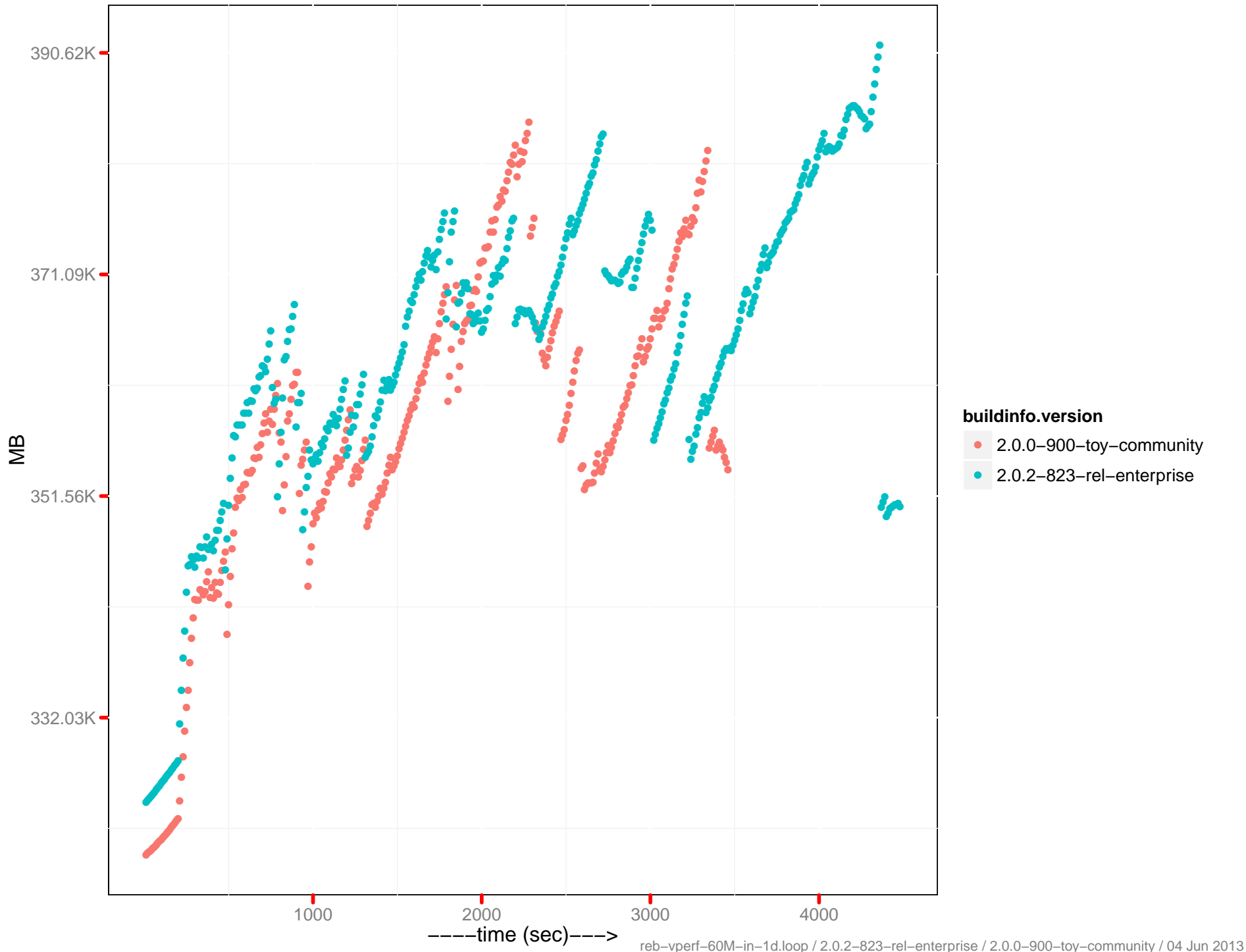
buildinfo.version
2.0.0-900-toy-community
2.0.2-823-rel-enterprise

Average cpu percentage waiting for outstanding IO

Average %cpu : 172.23.96.18



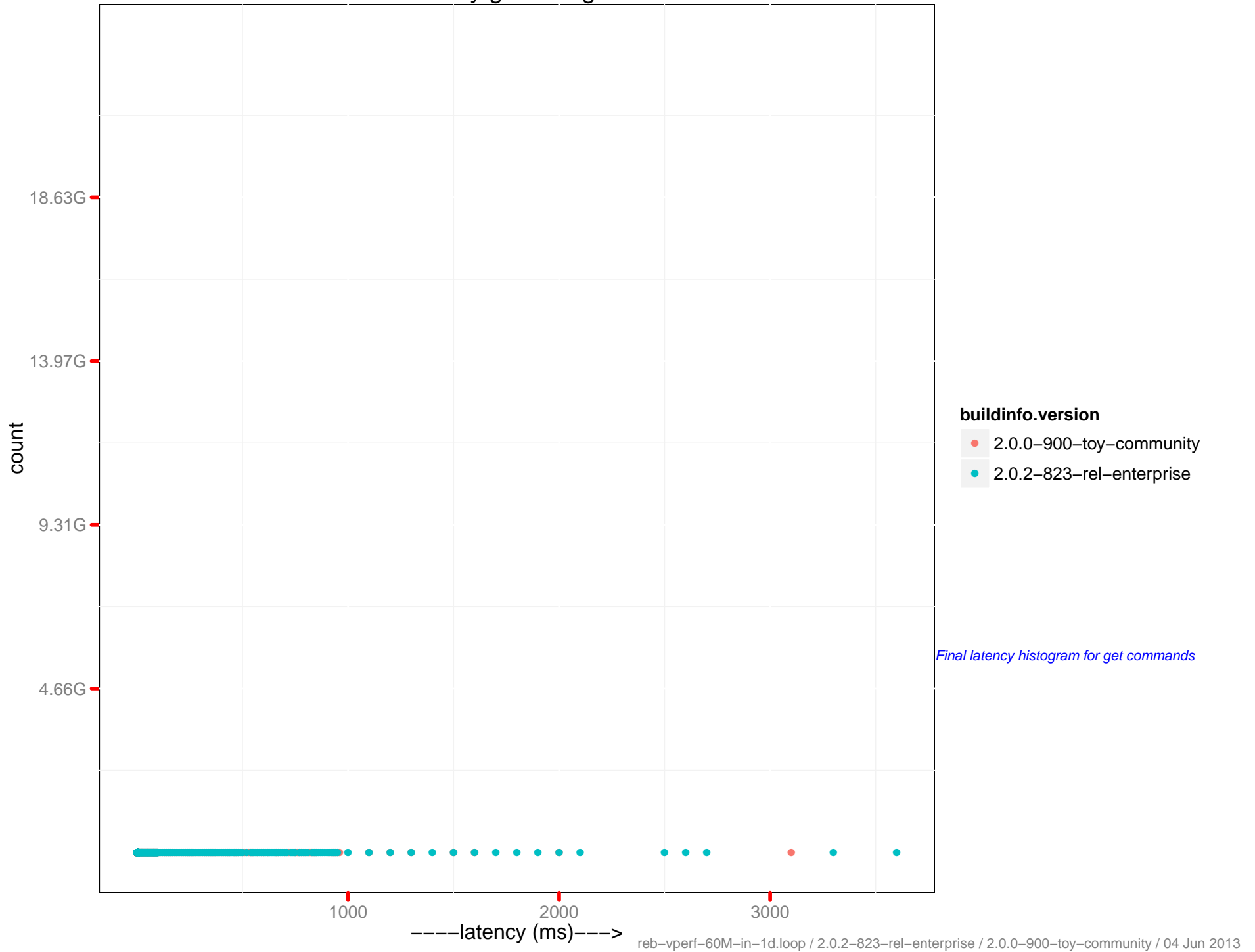
Data disk size



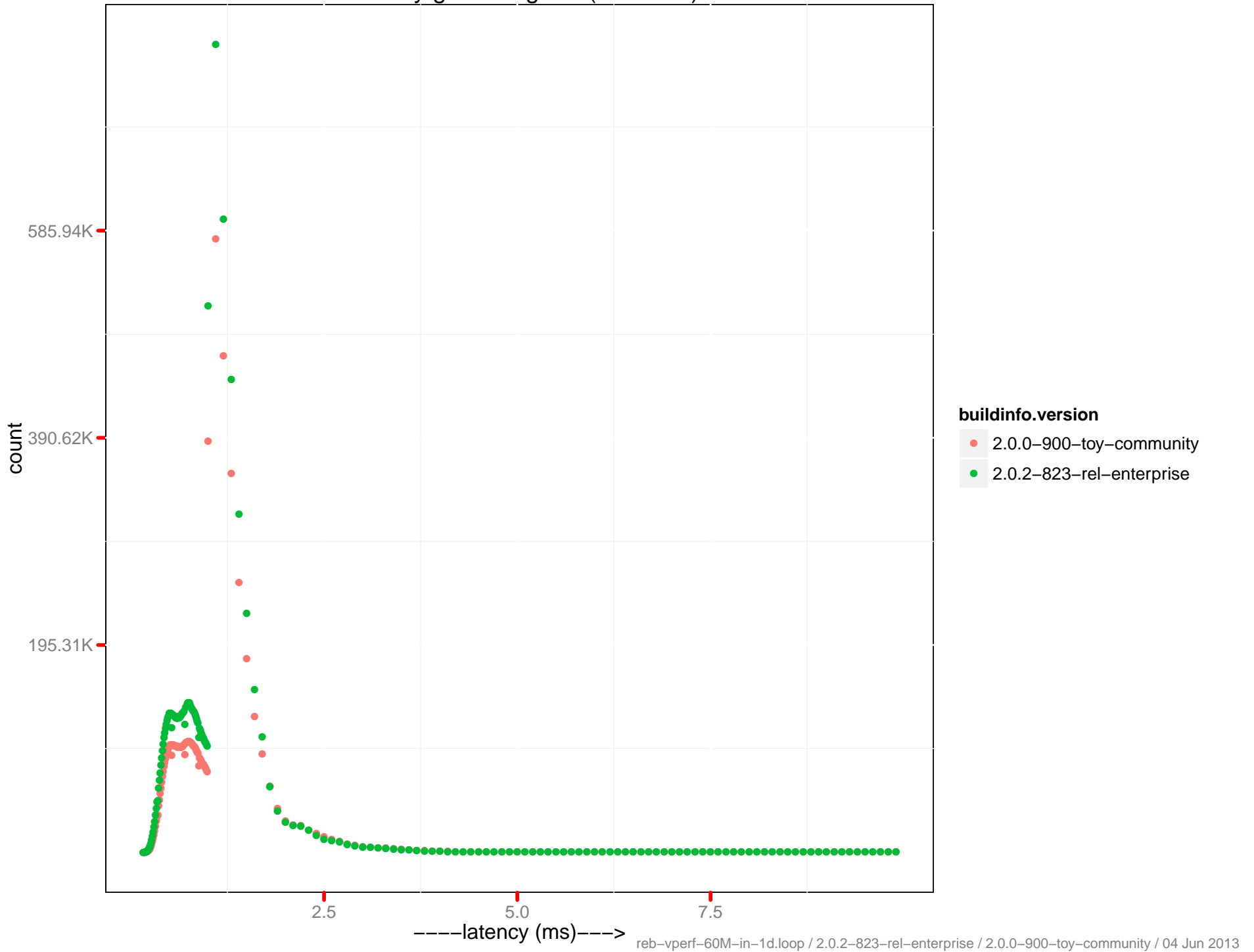
buildinfo.version

- 2.0.0-900-toy-community
- 2.0.2-823-rel-enterprise

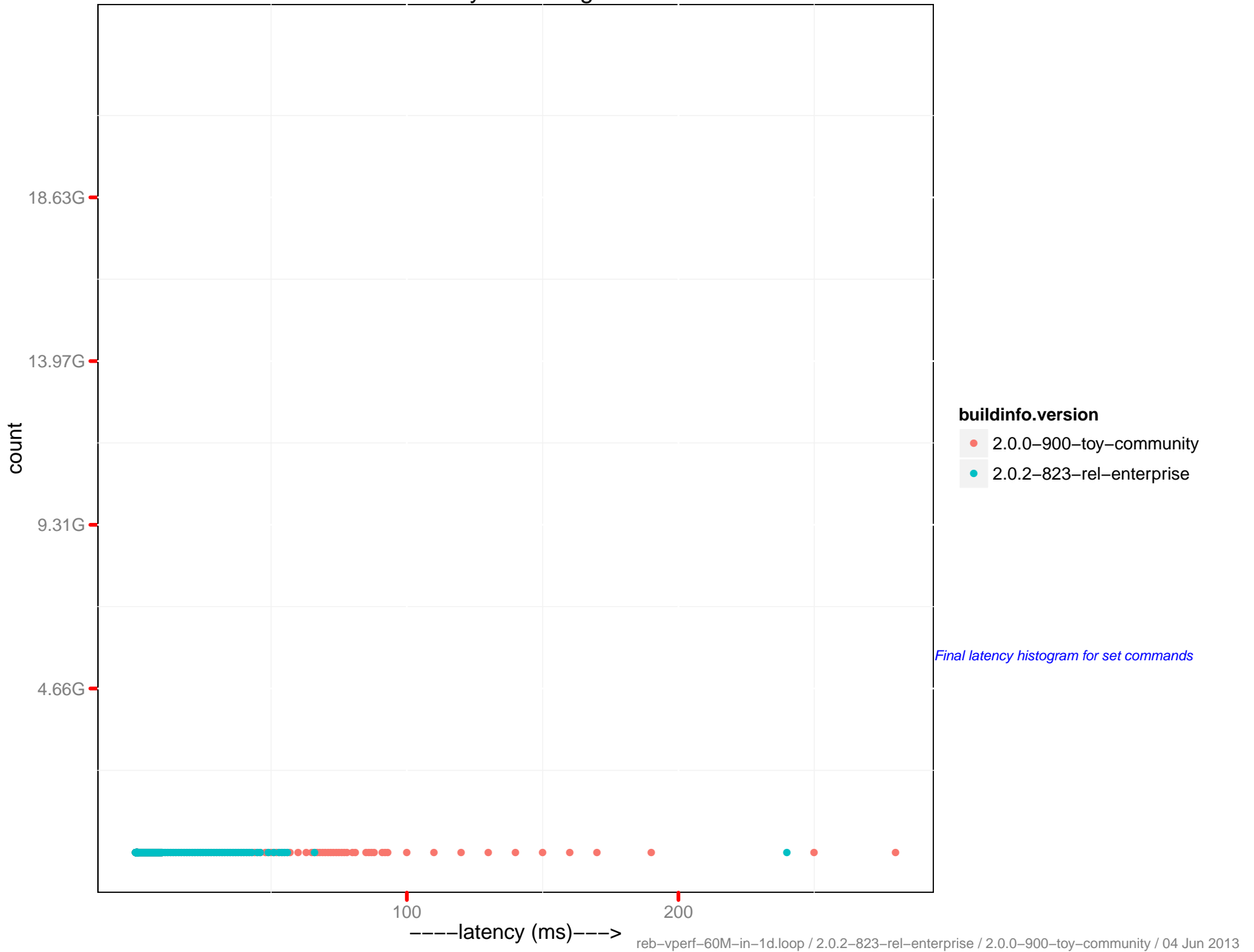
Latency get histogram



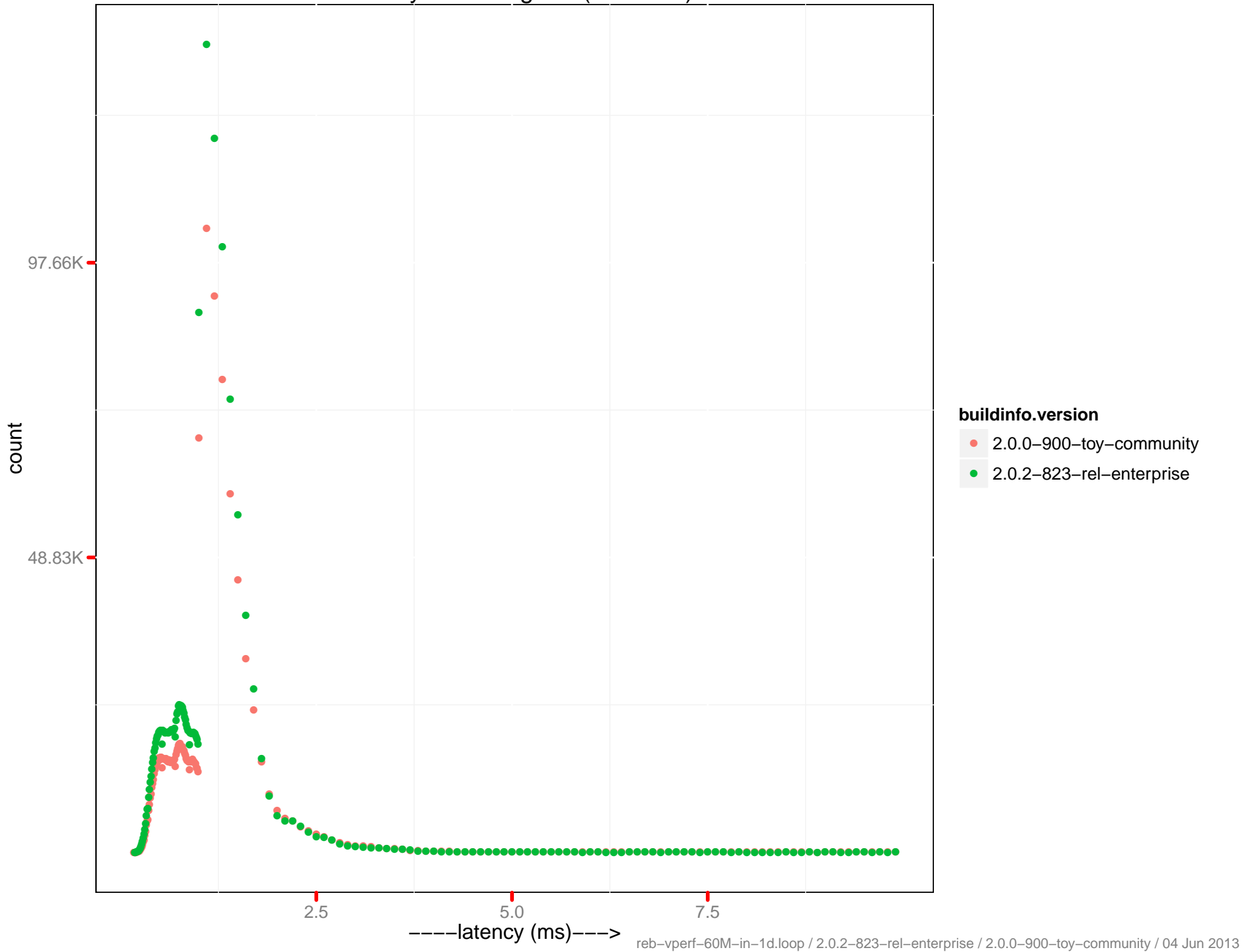
Latency get histogram (0–10 ms)



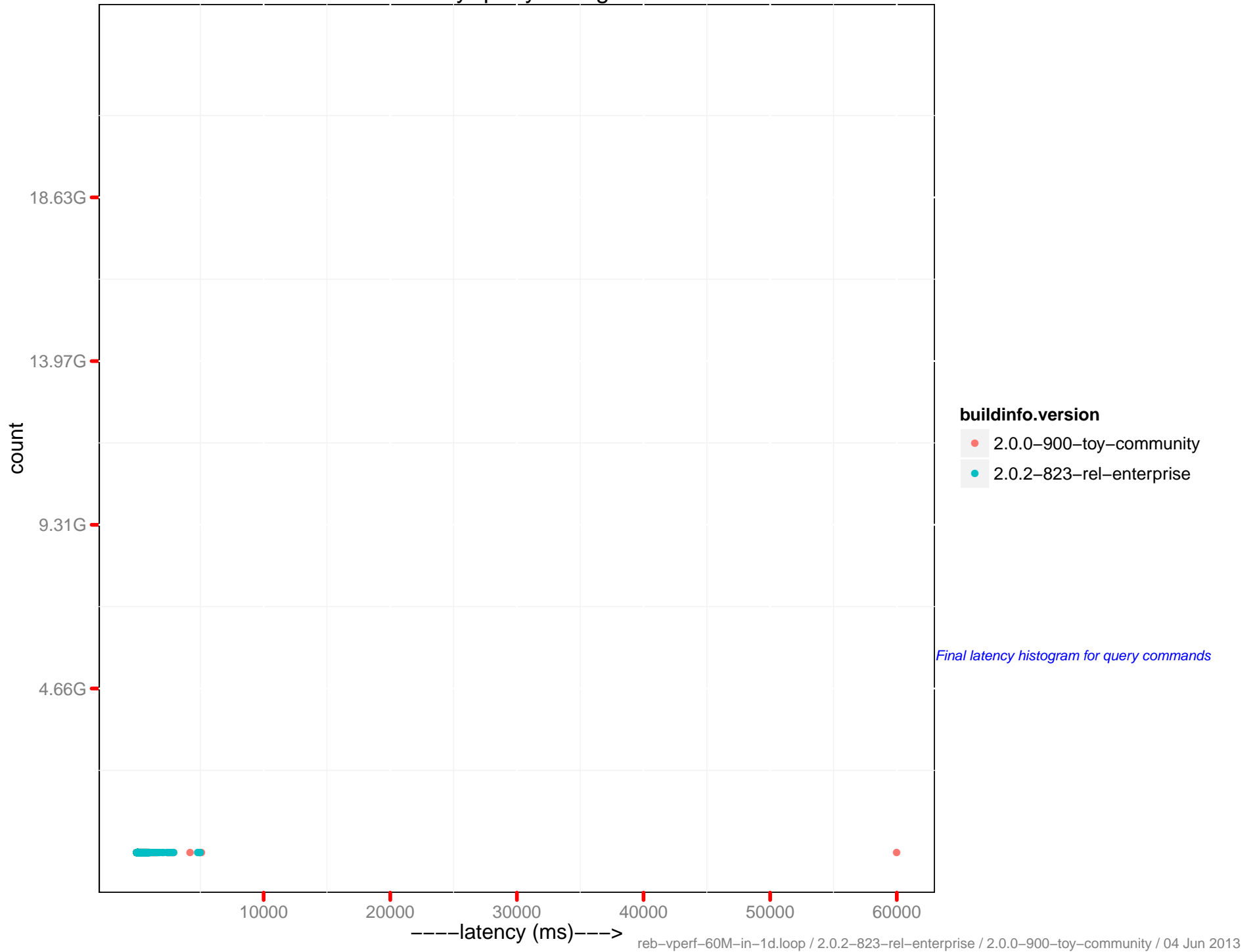
Latency set histogram



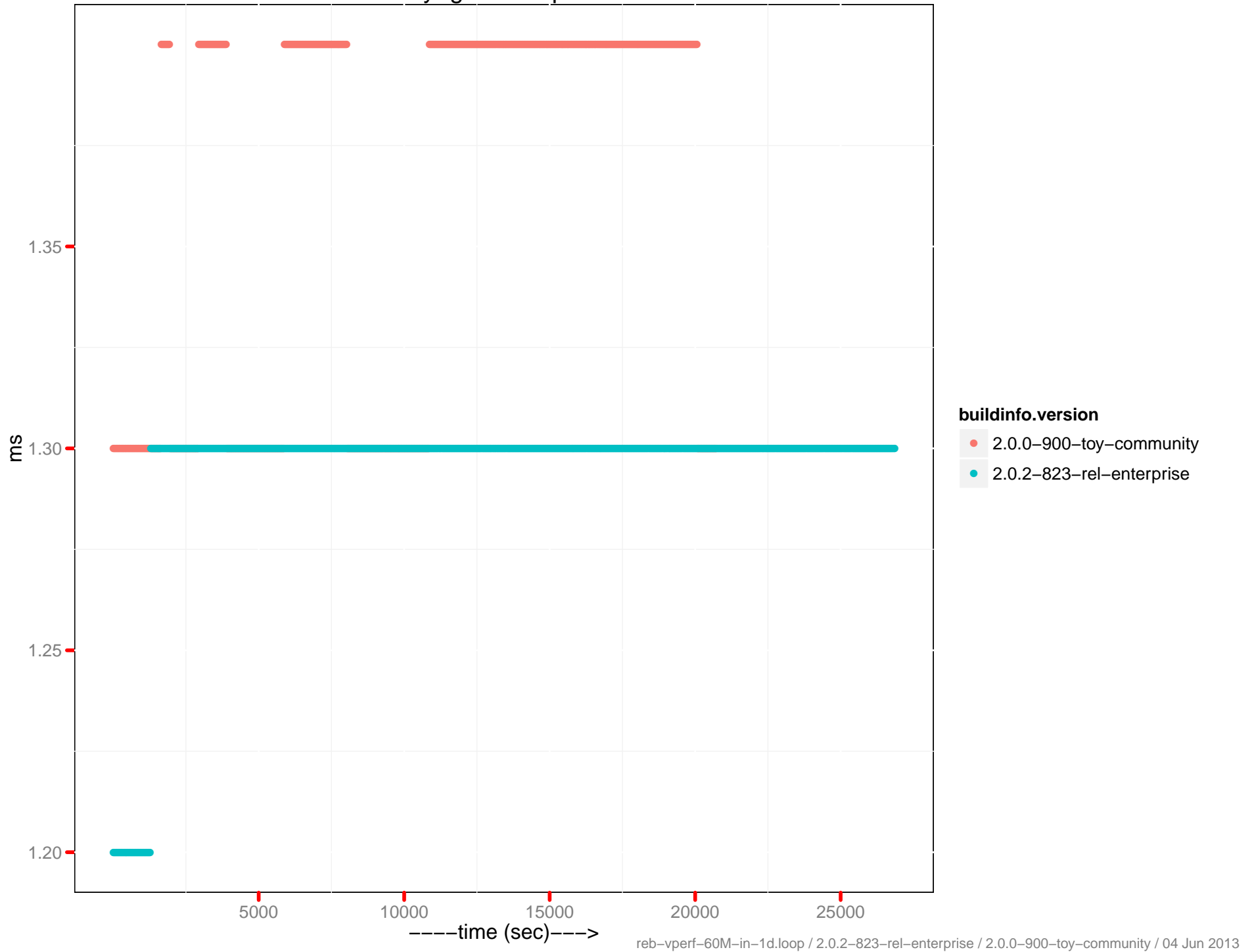
Latency set histogram (0–10 ms)



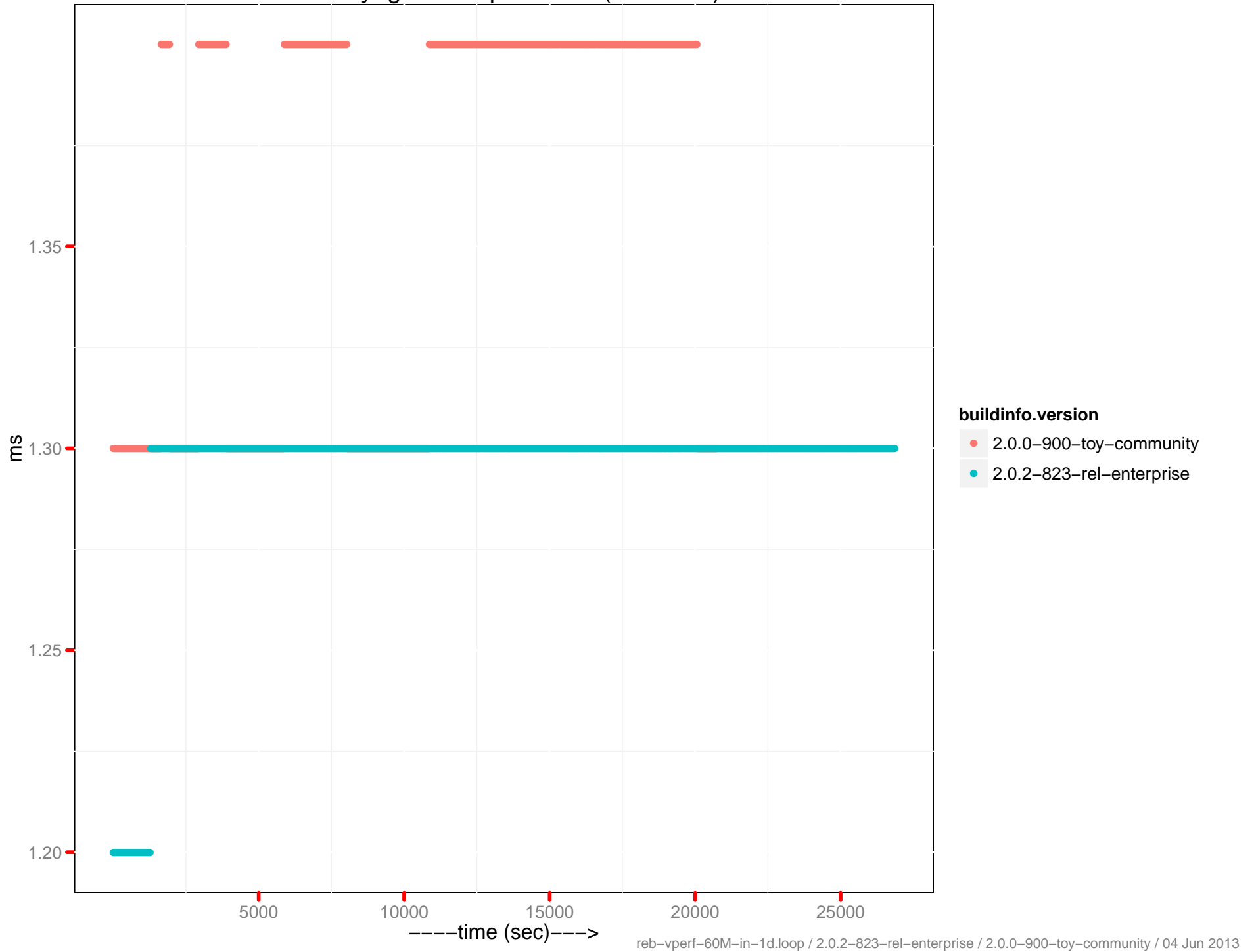
Latency query histogram



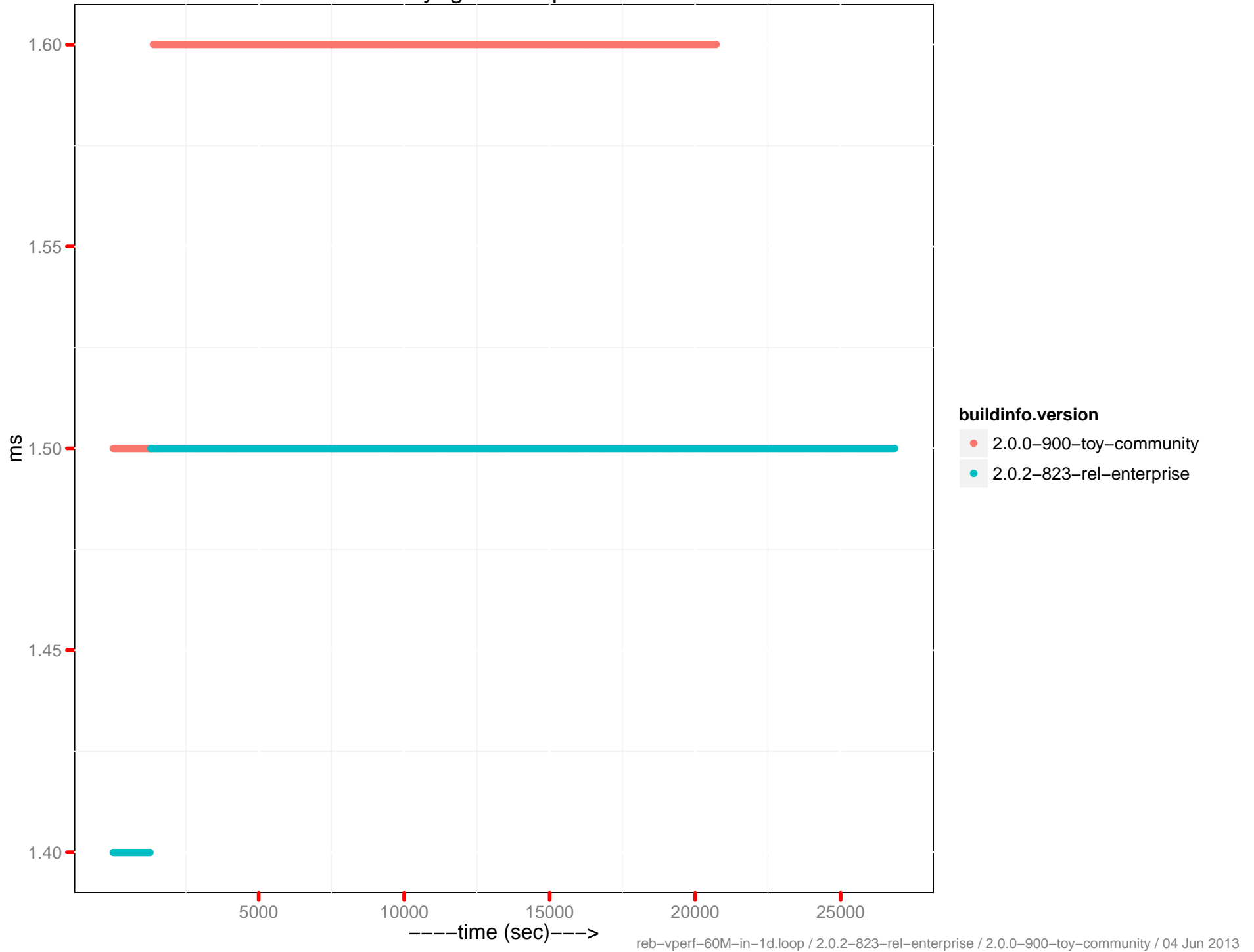
Latency-get 90th percentile



Latency-get 90th percentile (0 - 10ms)

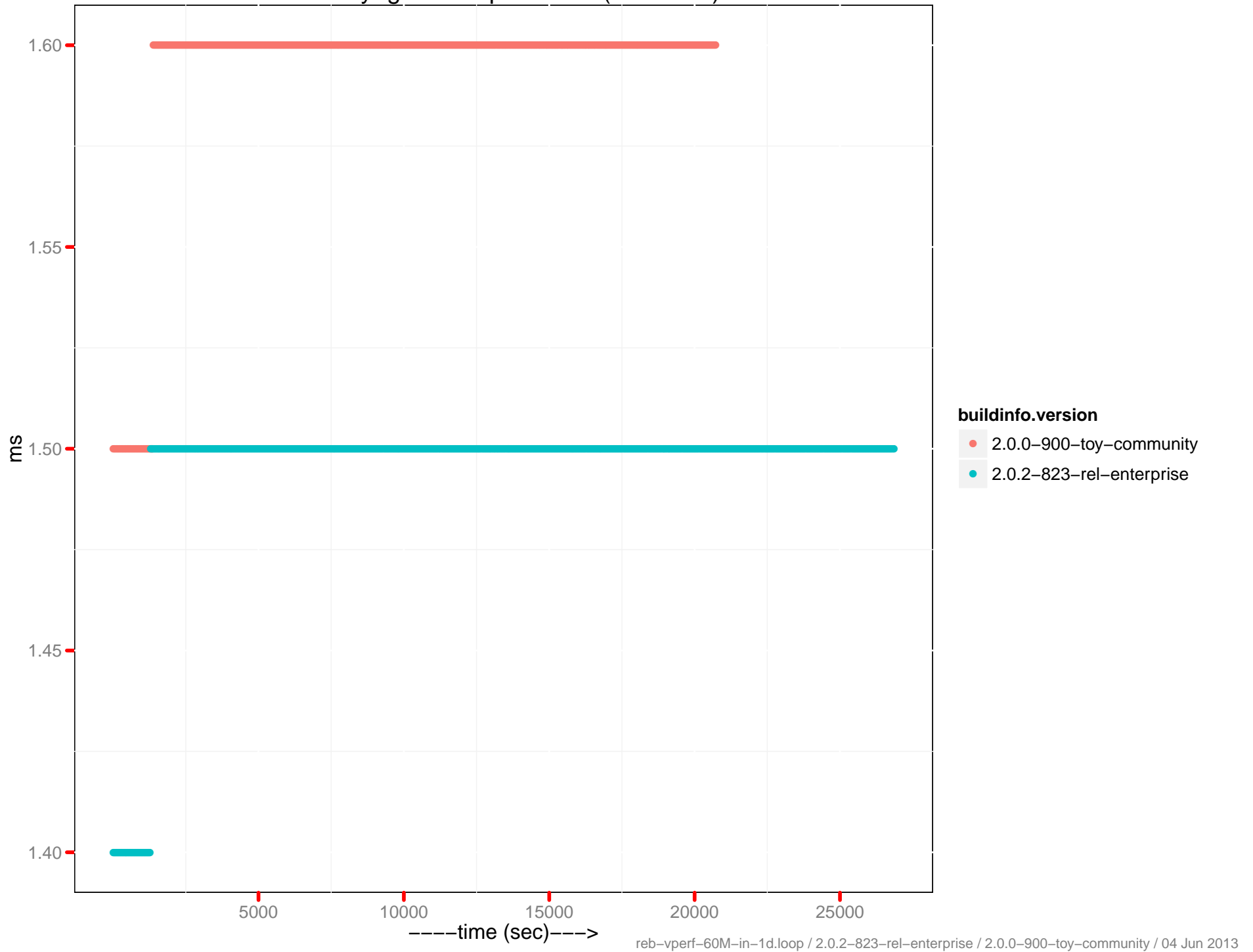


Latency-get 95th percentile

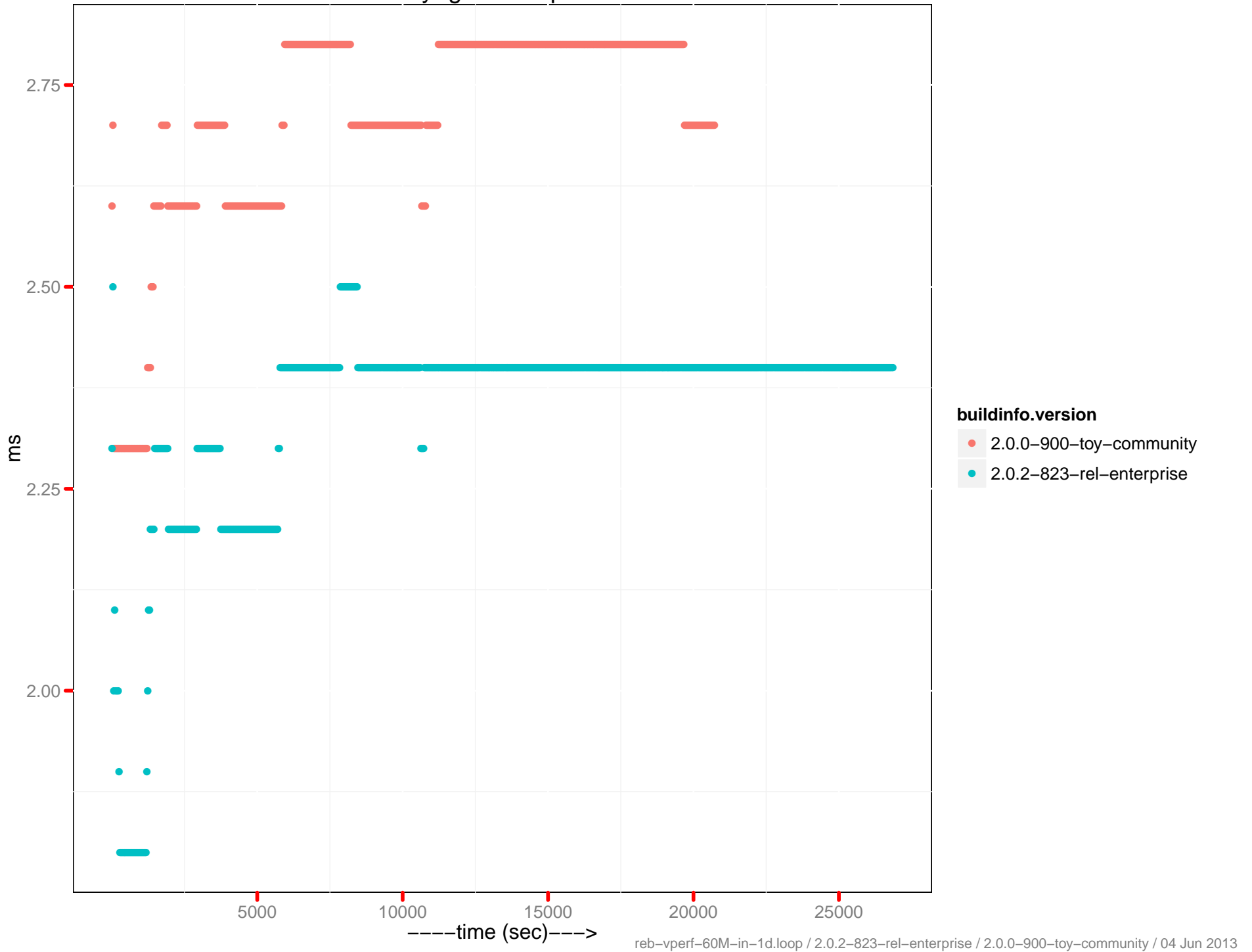


- buildinfo.version**
- 2.0.0-900-toy-community
 - 2.0.2-823-rel-enterprise

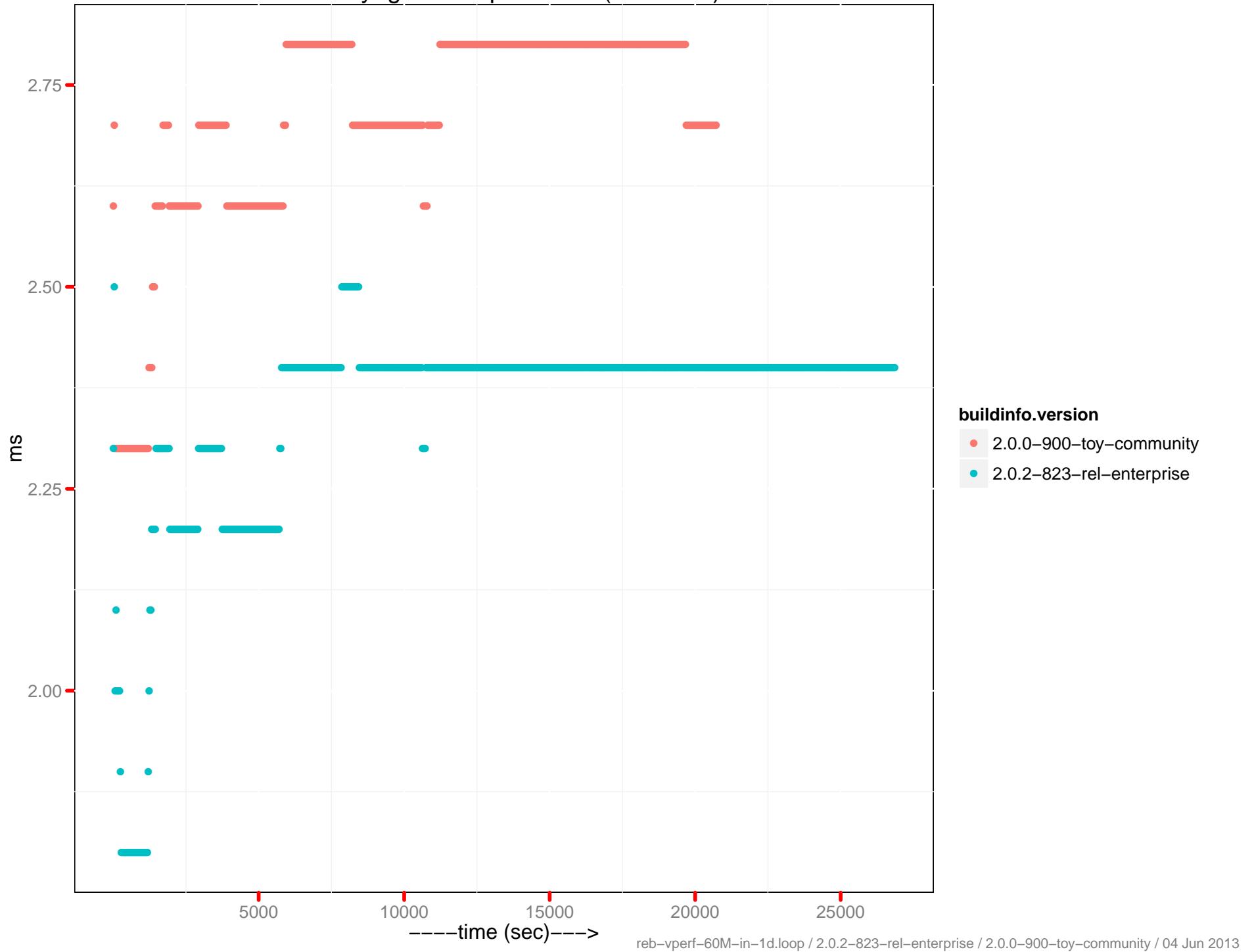
Latency-get 95th percentile (0 - 10ms)



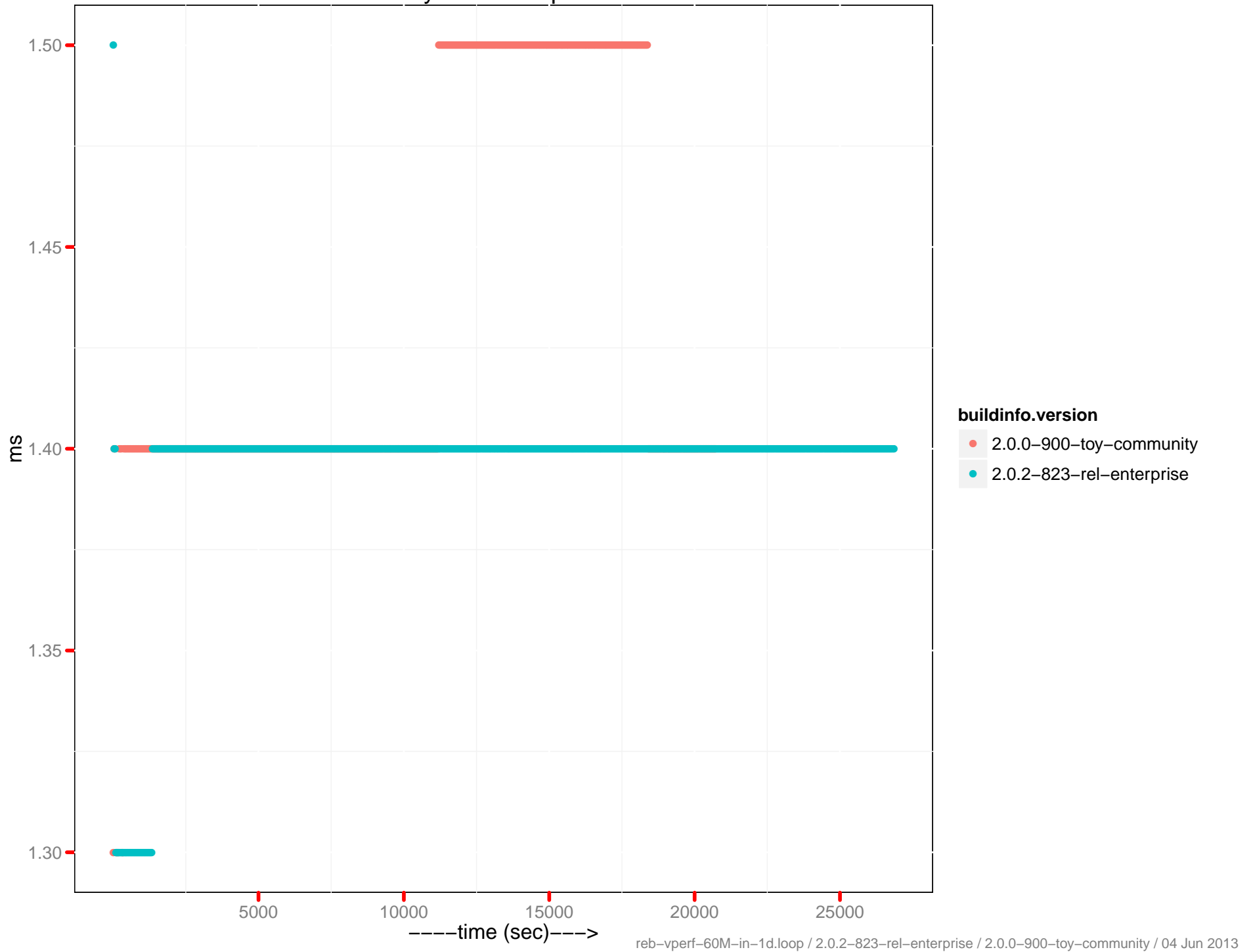
Latency-get 99th percentile



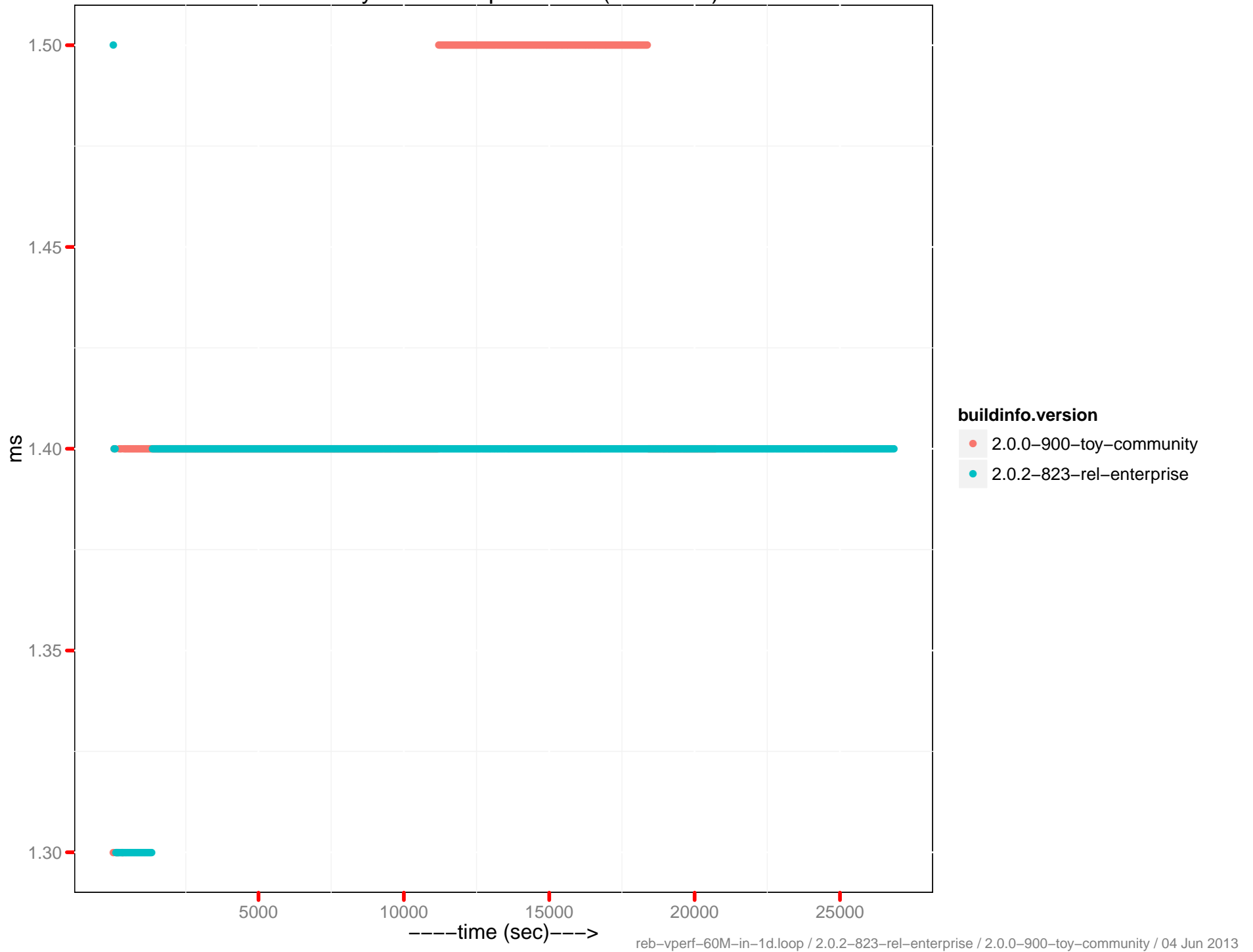
Latency-get 99th percentile (0 - 10ms)



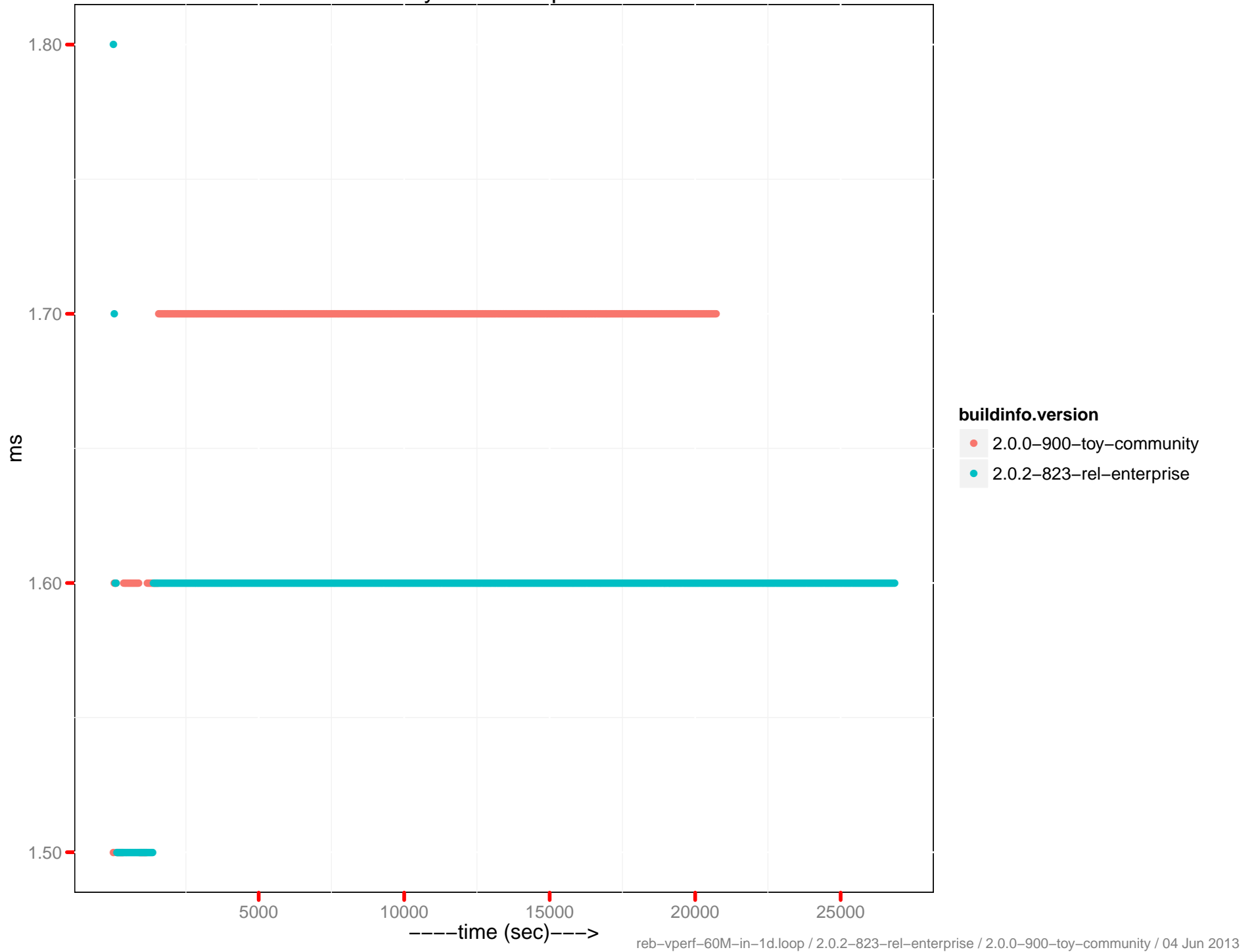
Latency-set 90th percentile



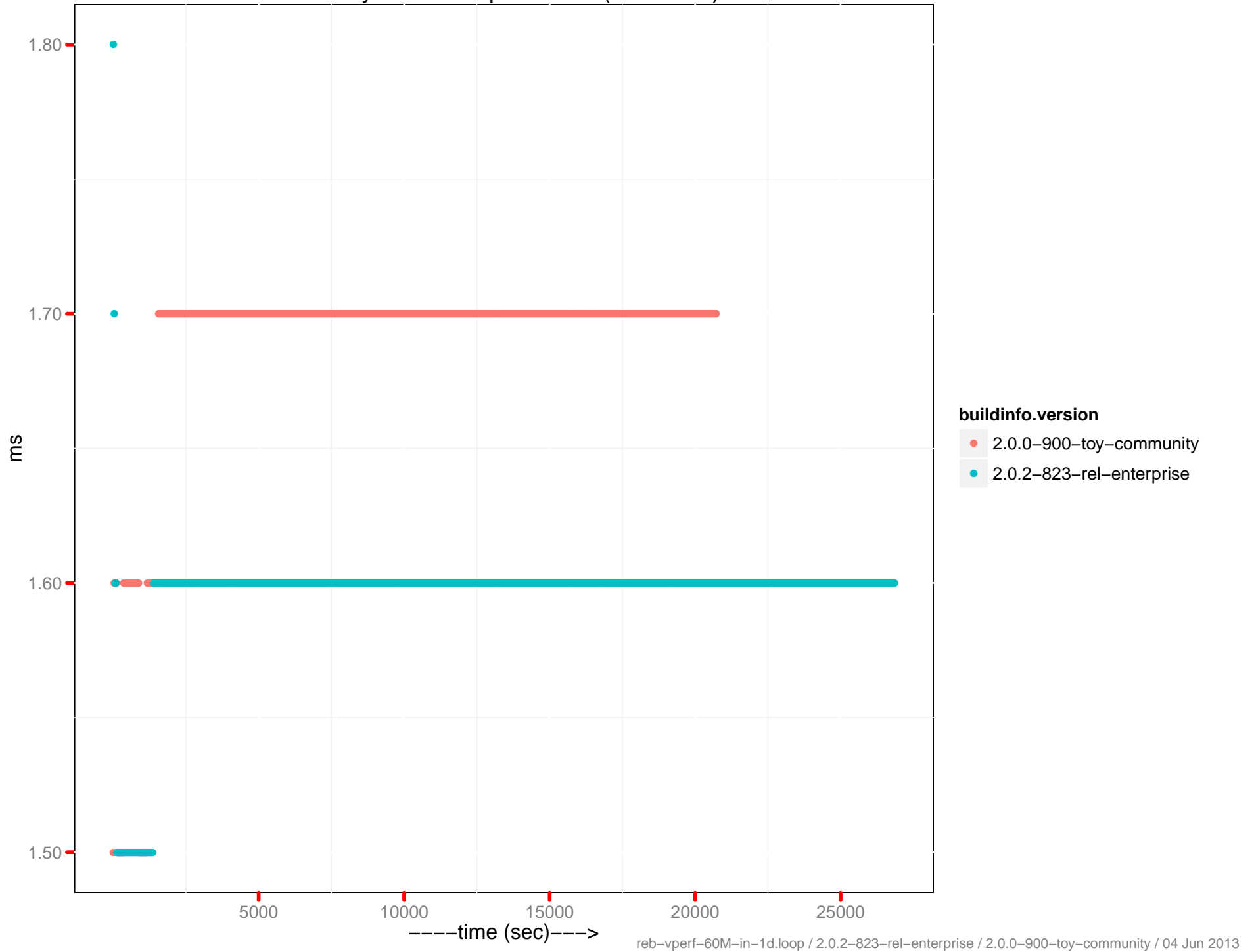
Latency-set 90th percentile (0 - 10ms)



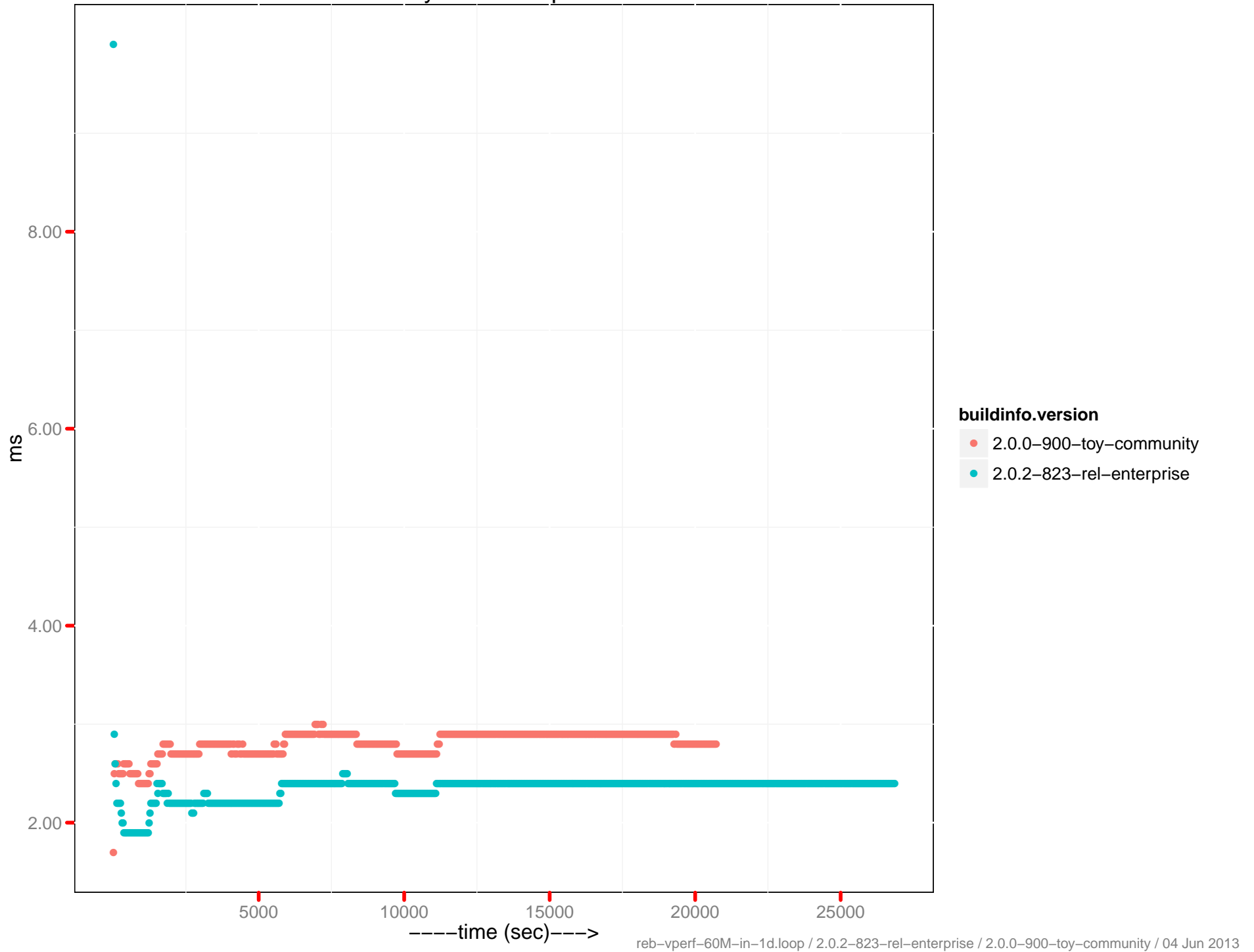
Latency-set 95th percentile



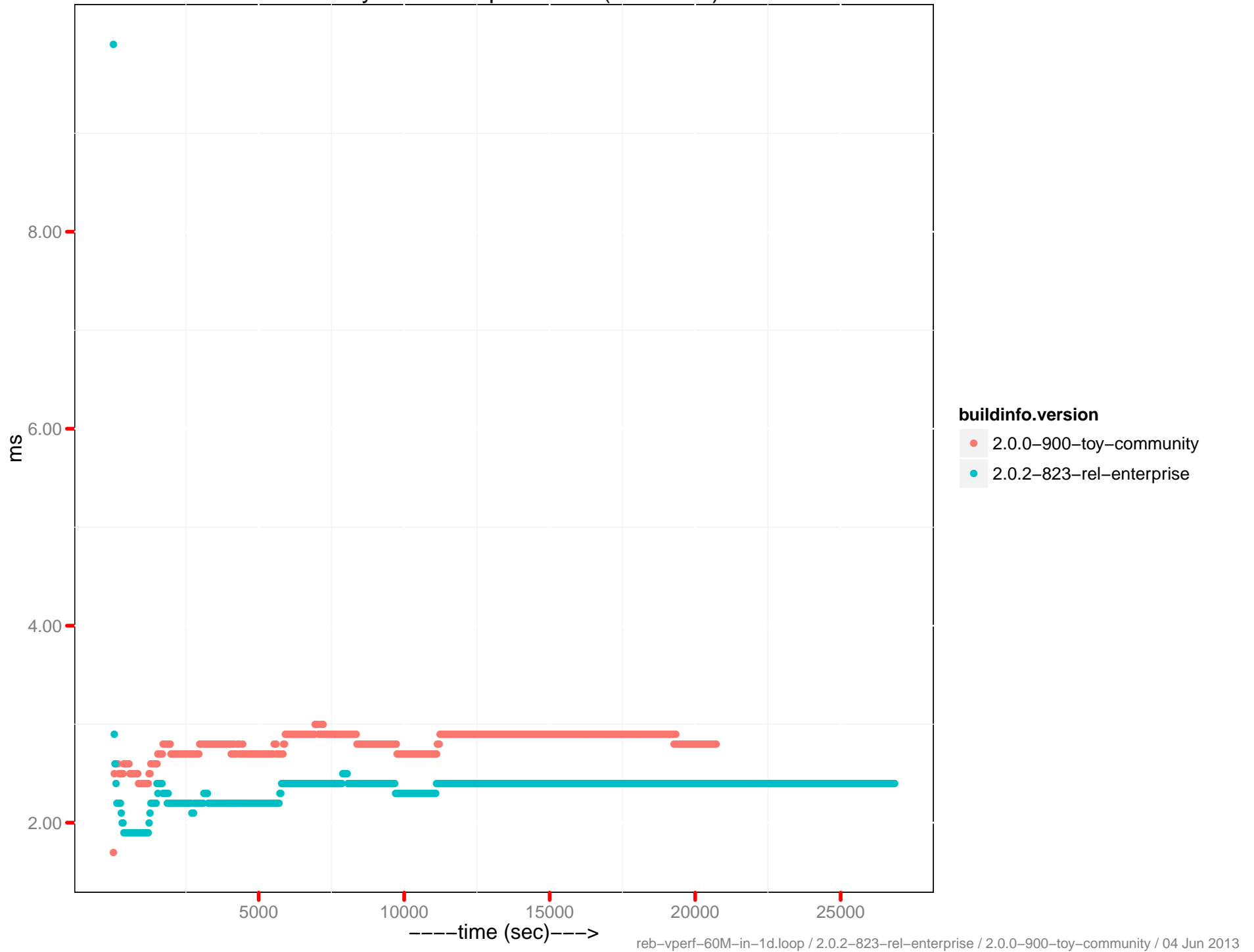
Latency-set 95th percentile (0 - 10ms)



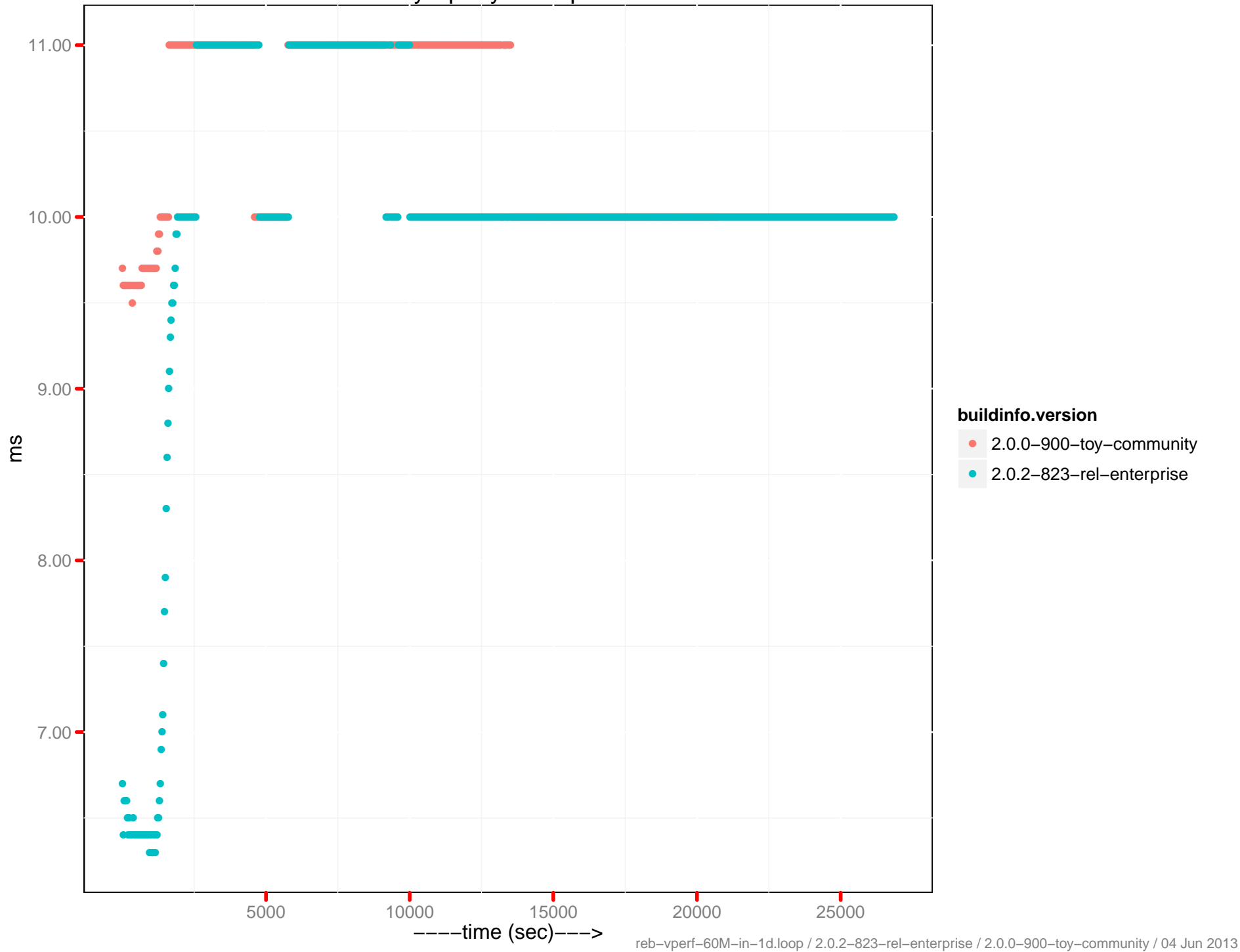
Latency-set 99th percentile



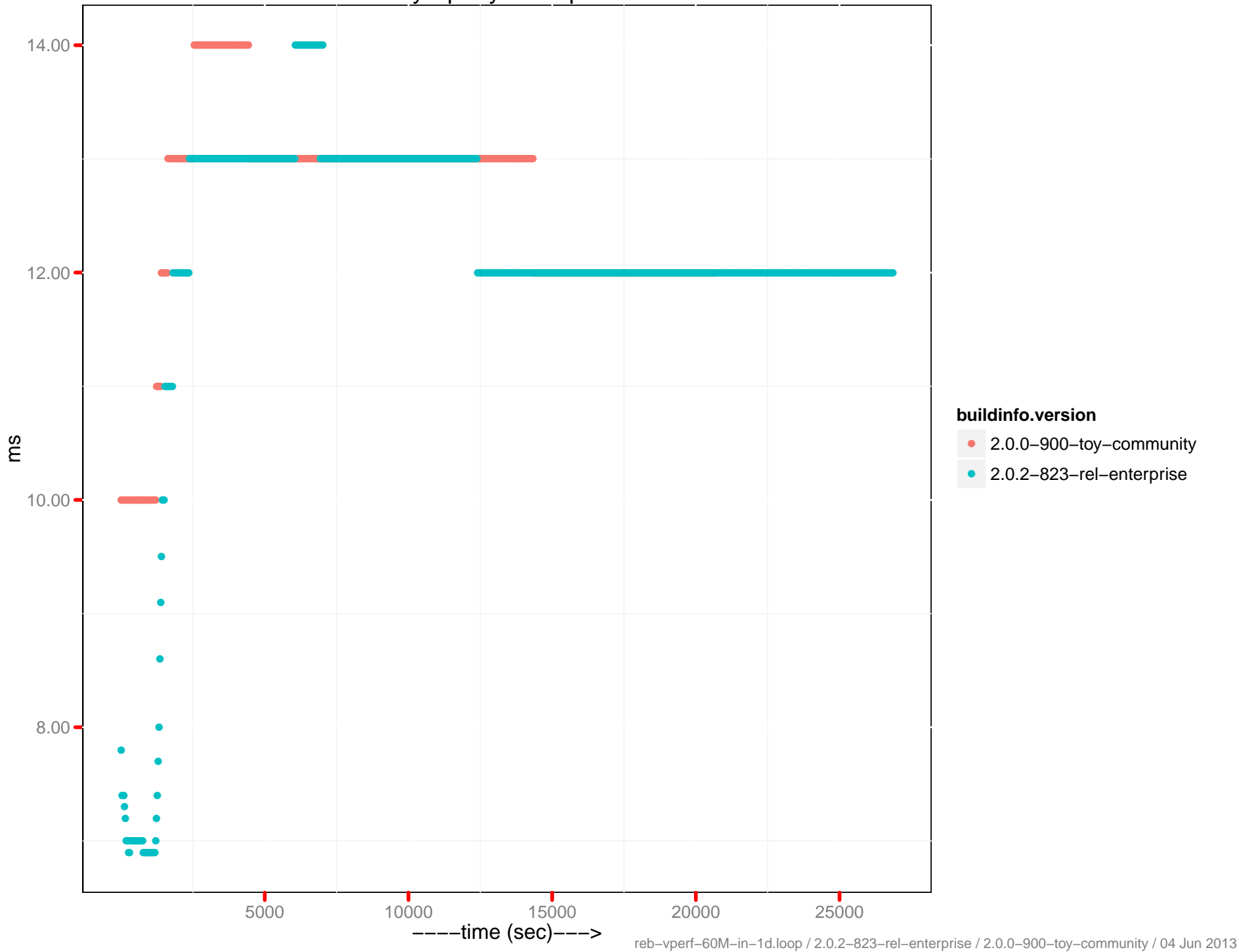
Latency-set 99th percentile (0 - 10ms)



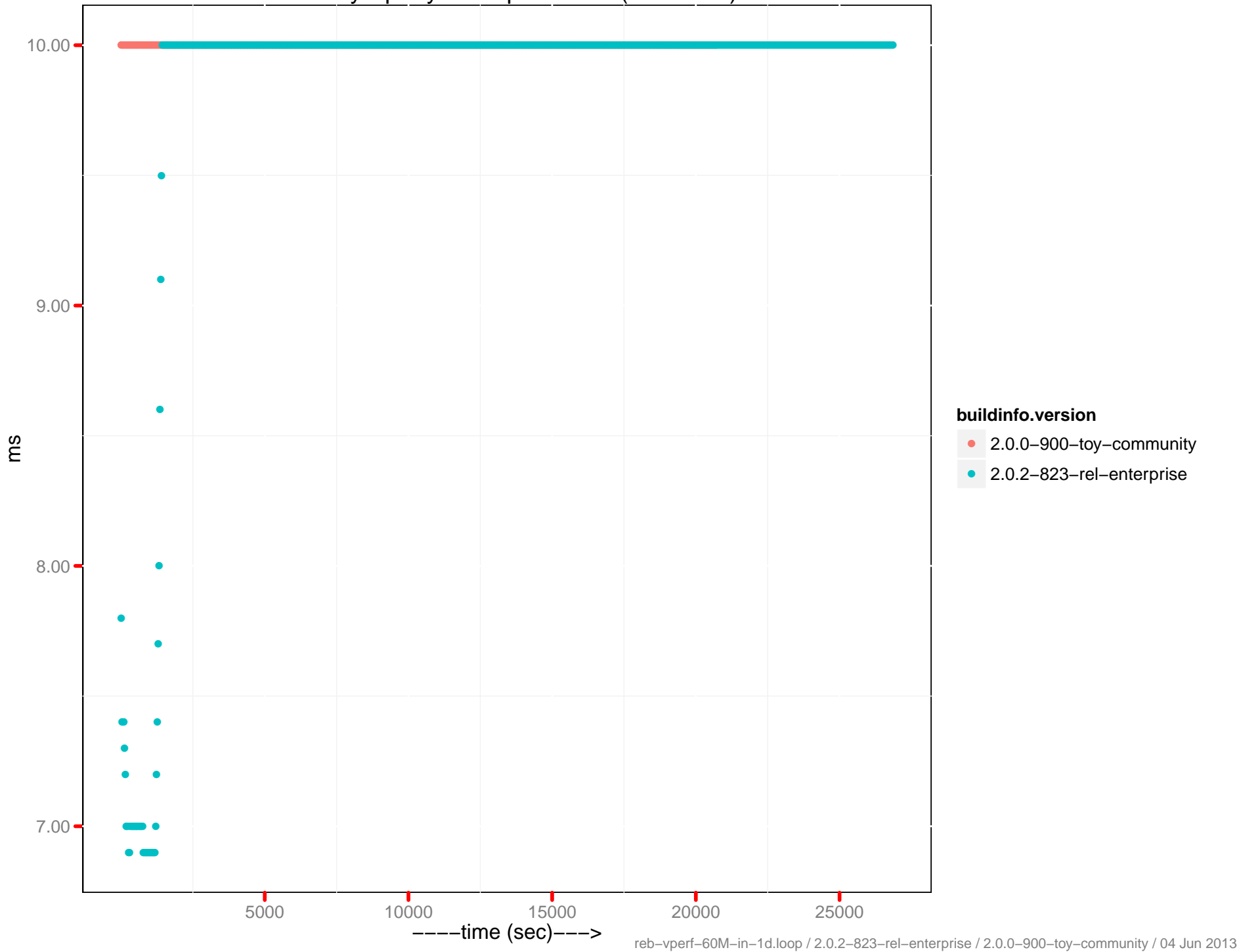
Latency-query 80th percentile



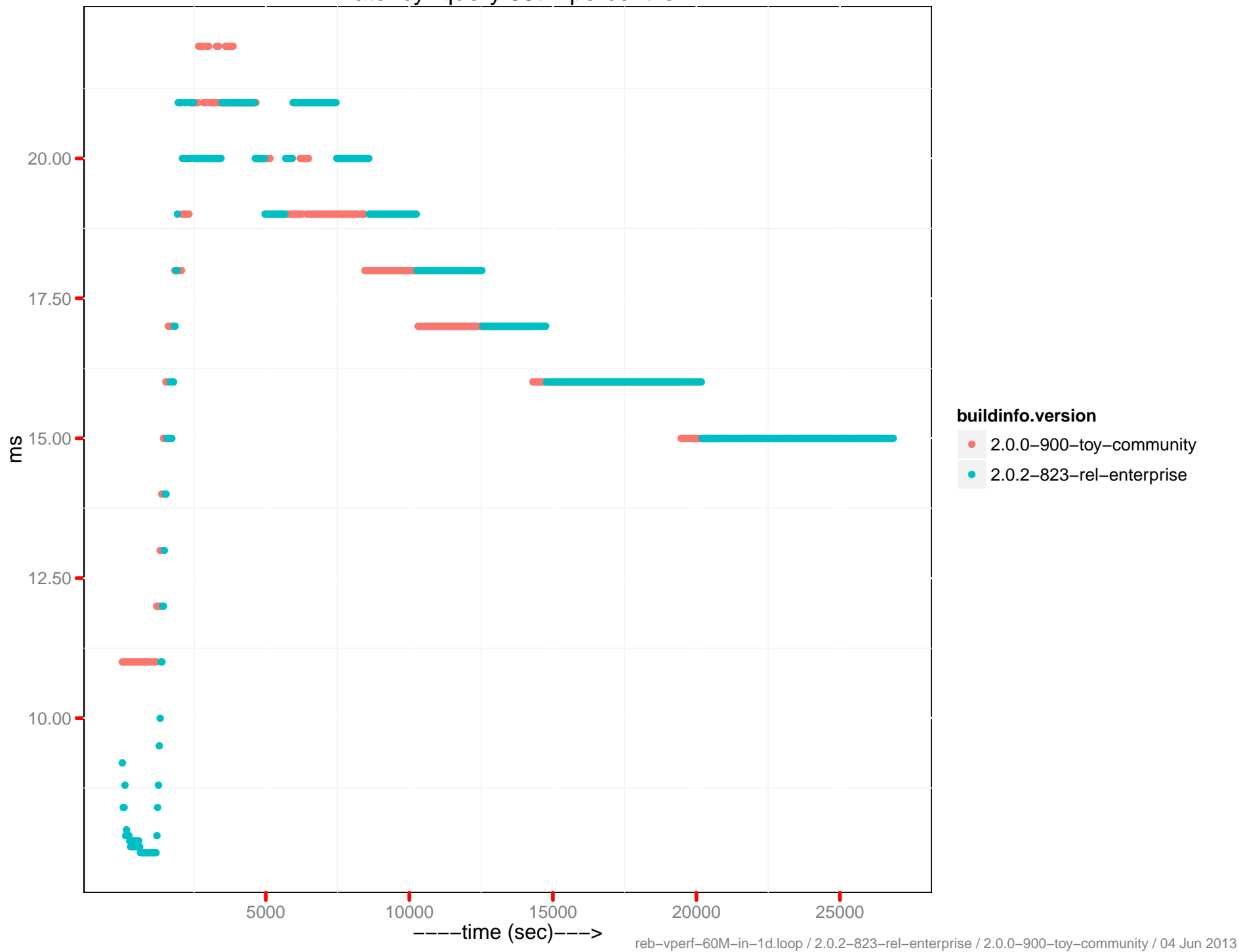
Latency-query 90th percentile



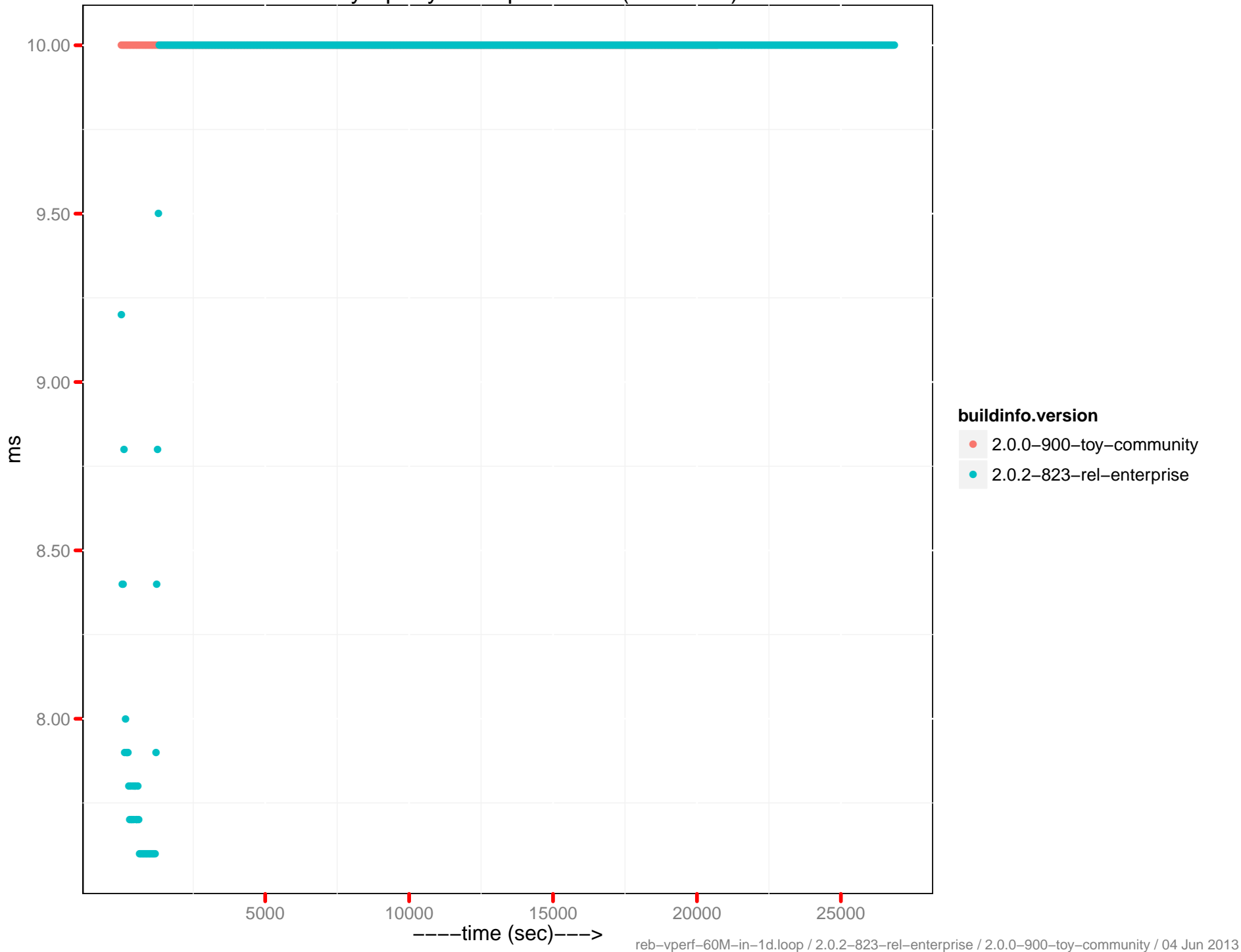
Latency-query 90th percentile (0 - 10ms)



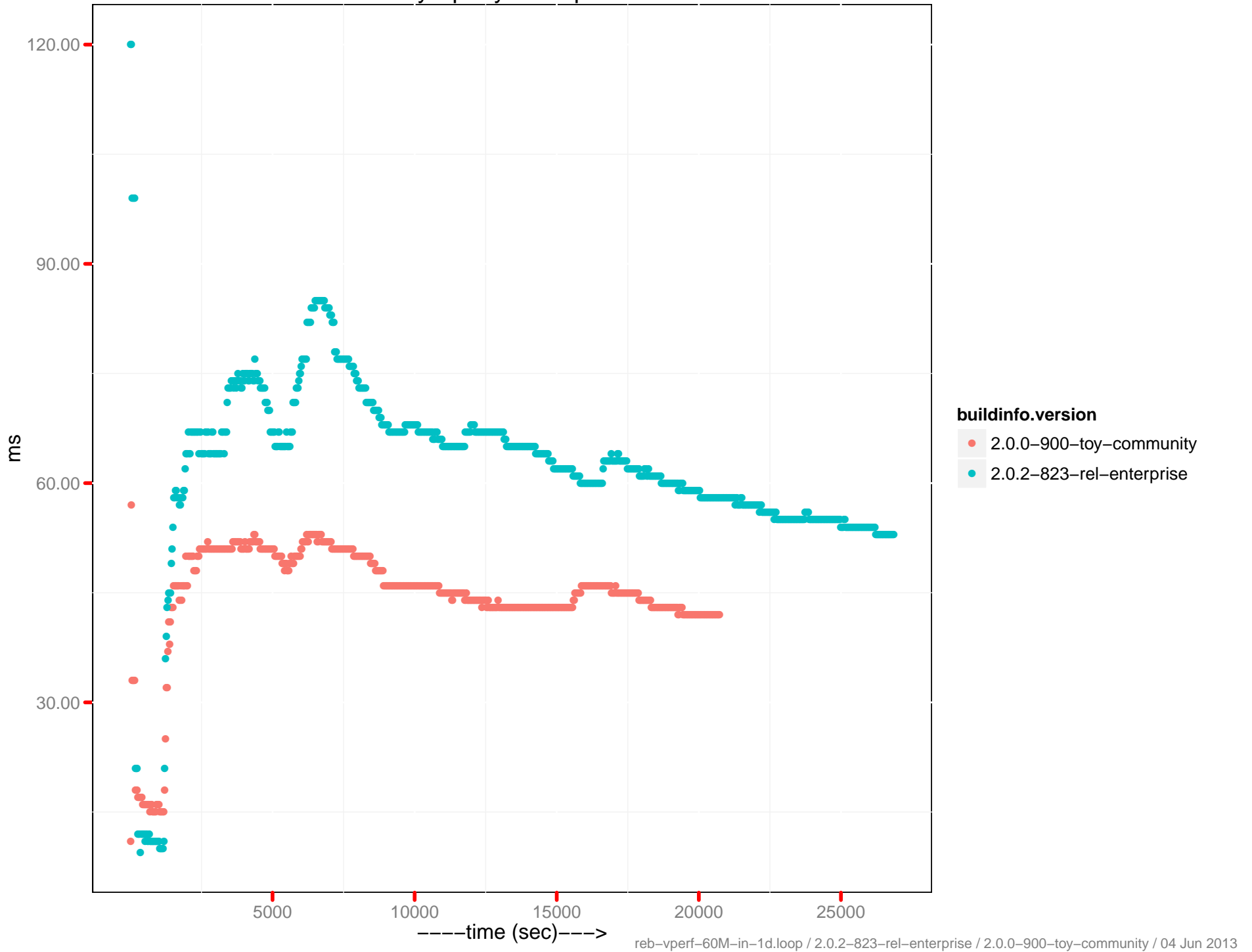
Latency-query 95th percentile



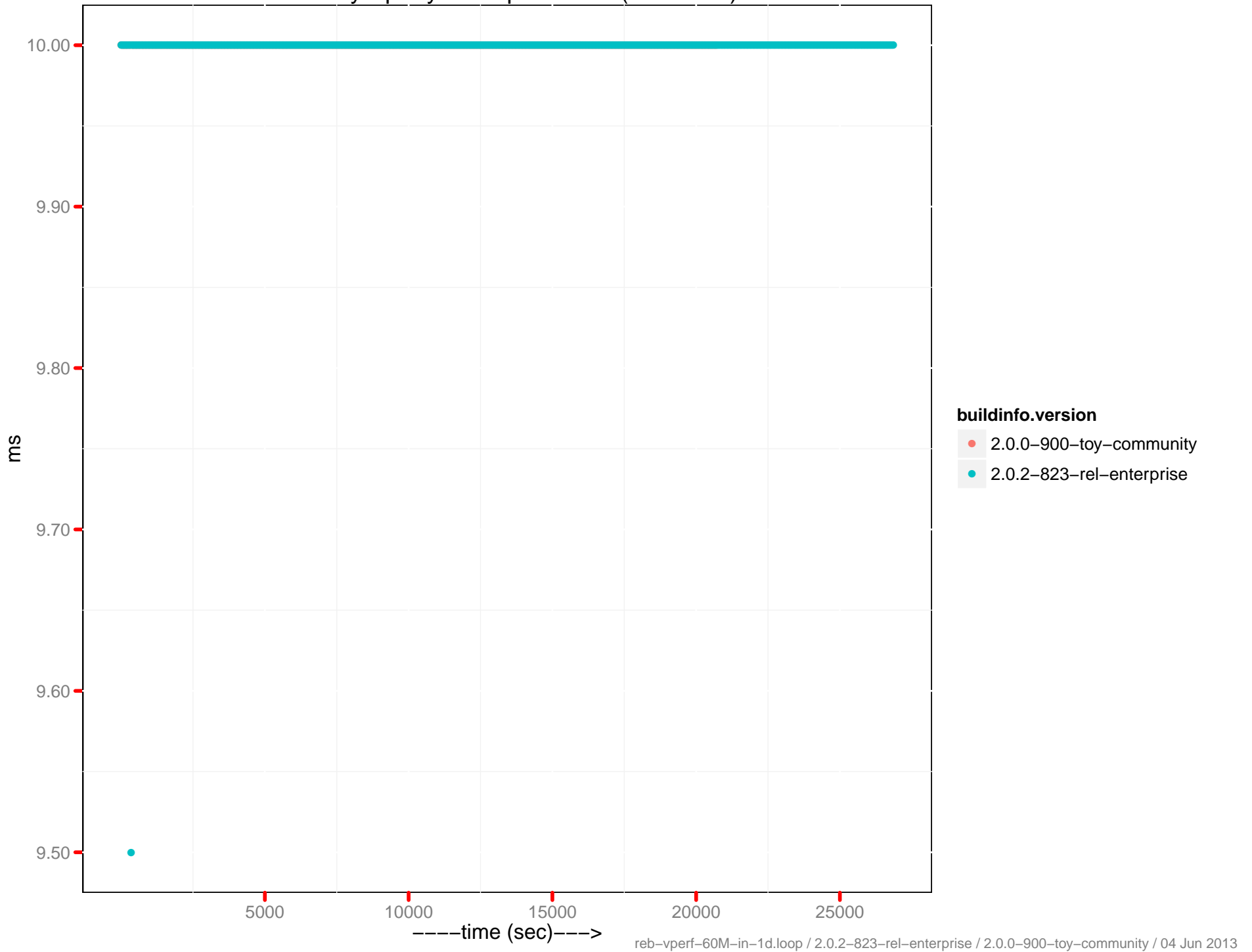
Latency-query 95th percentile (0 - 10ms)



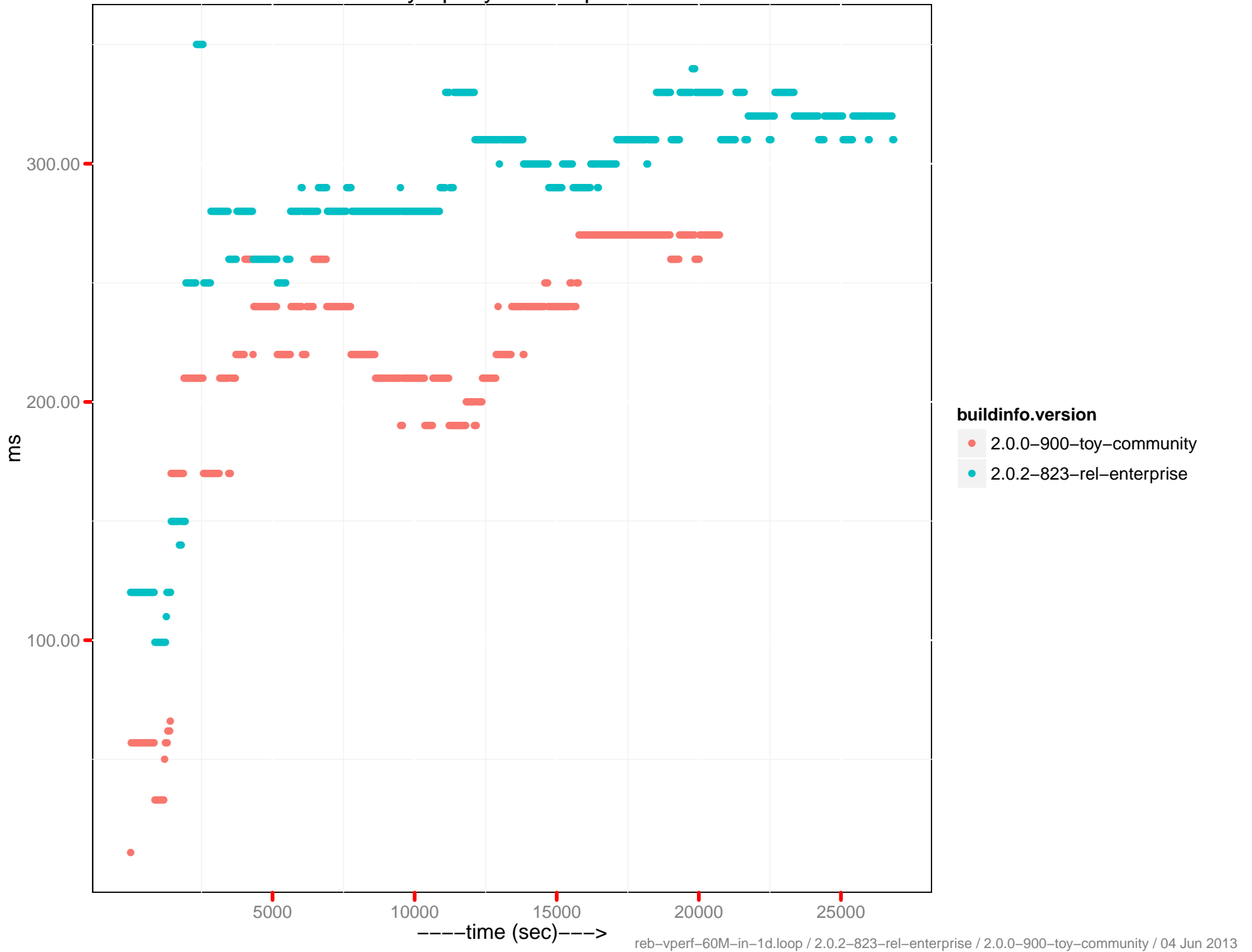
Latency-query 99th percentile



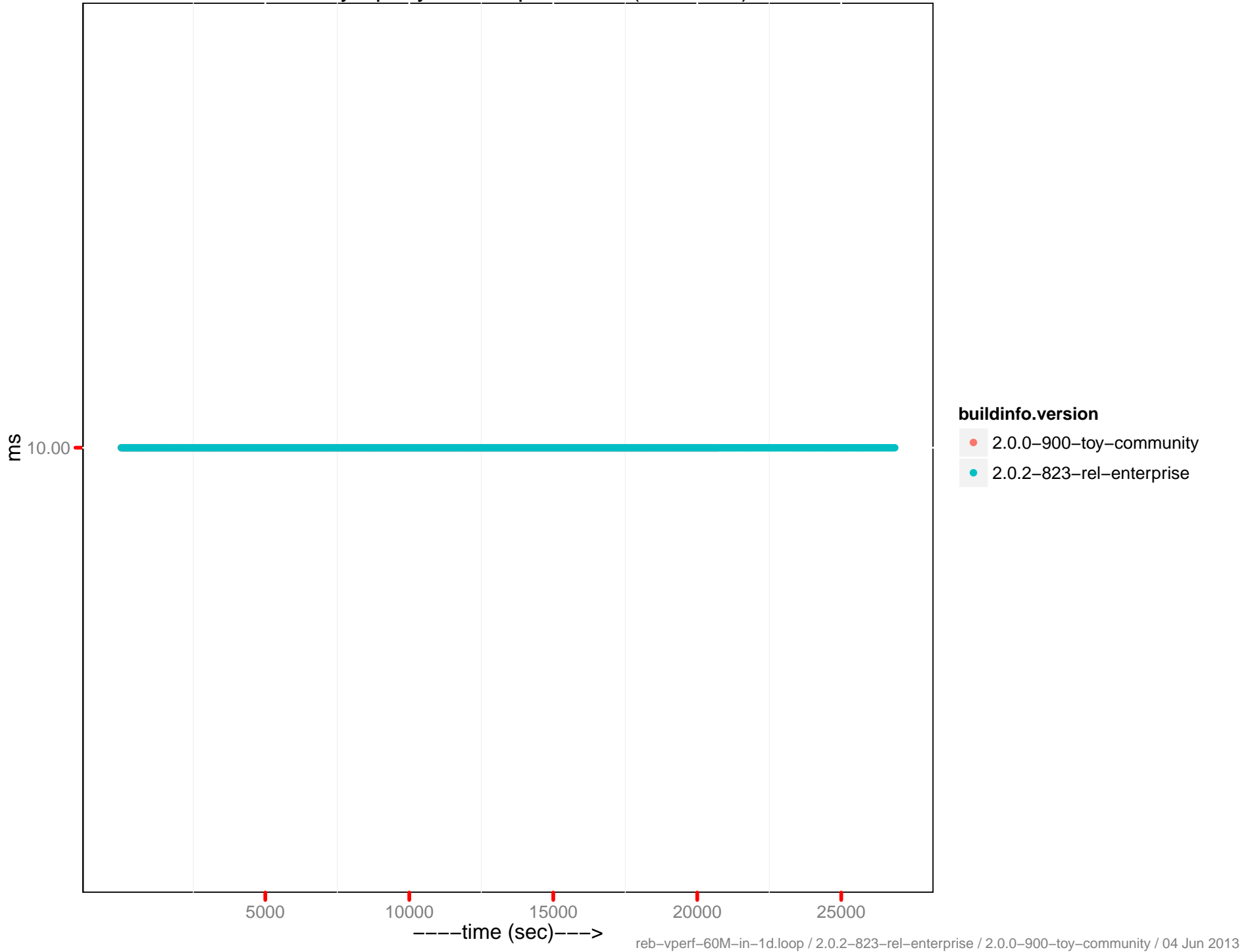
Latency-query 99th percentile (0 - 10ms)



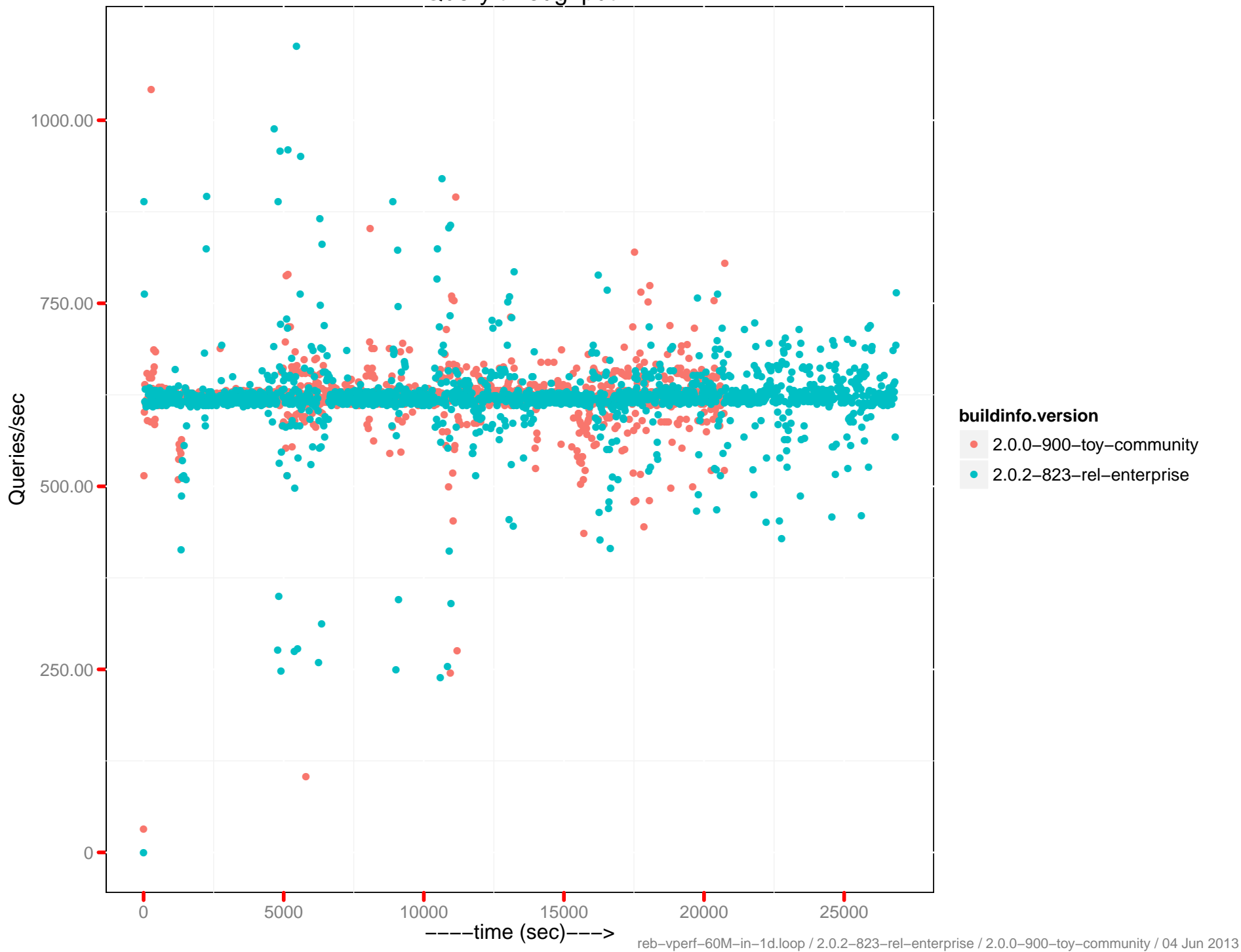
Latency-query 99.9th percentile



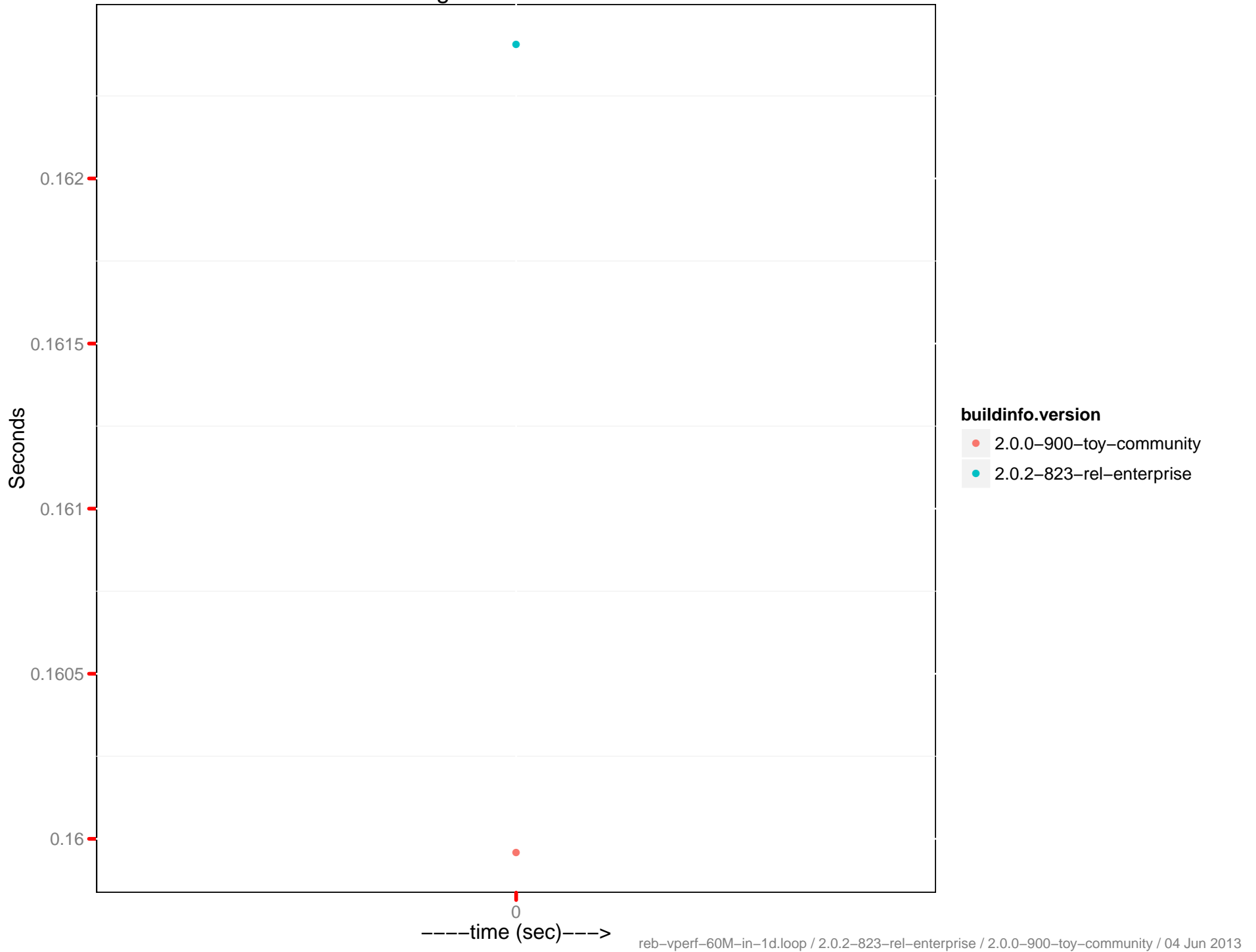
Latency-query 99.9th percentile (0 - 10ms)



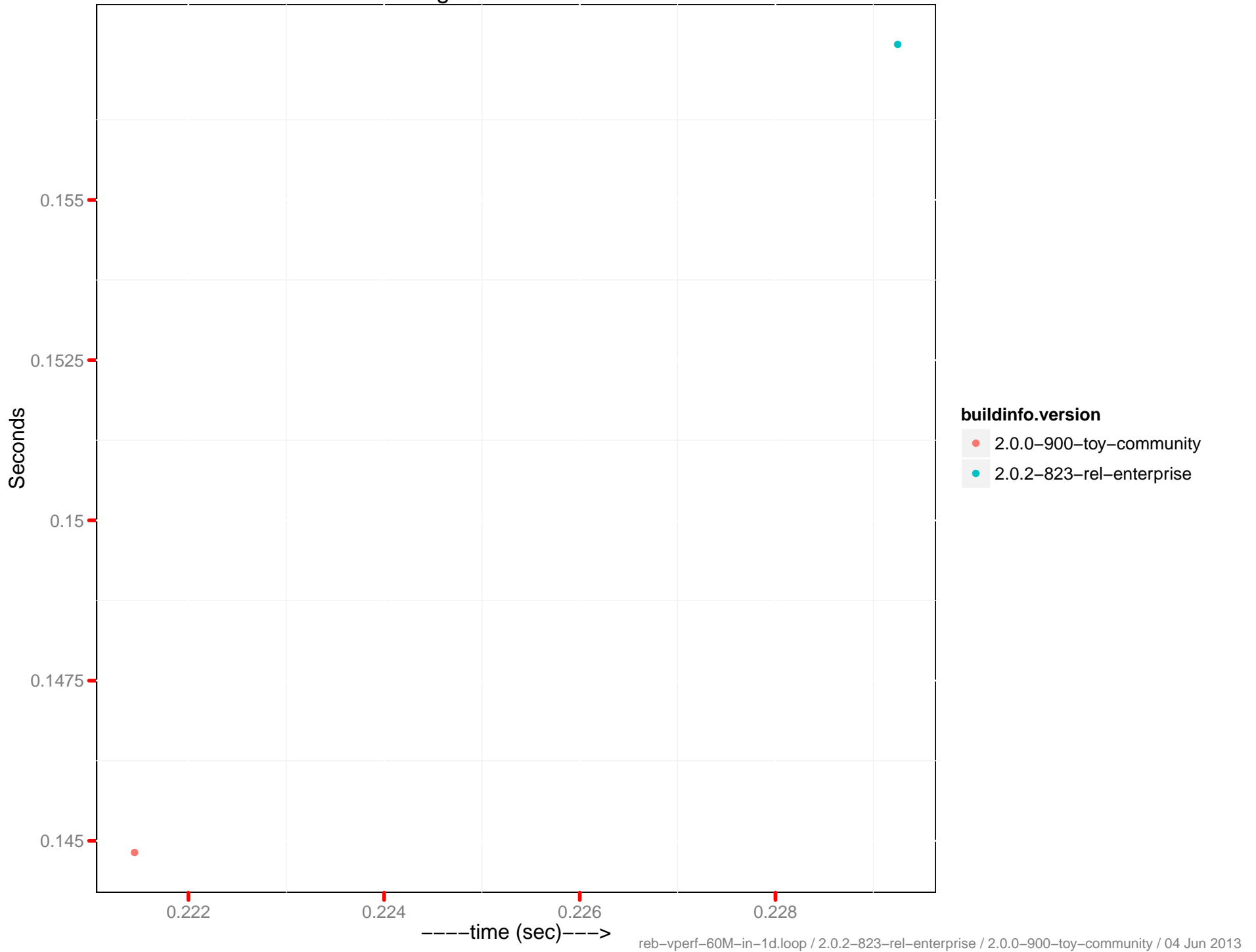
Query throughput



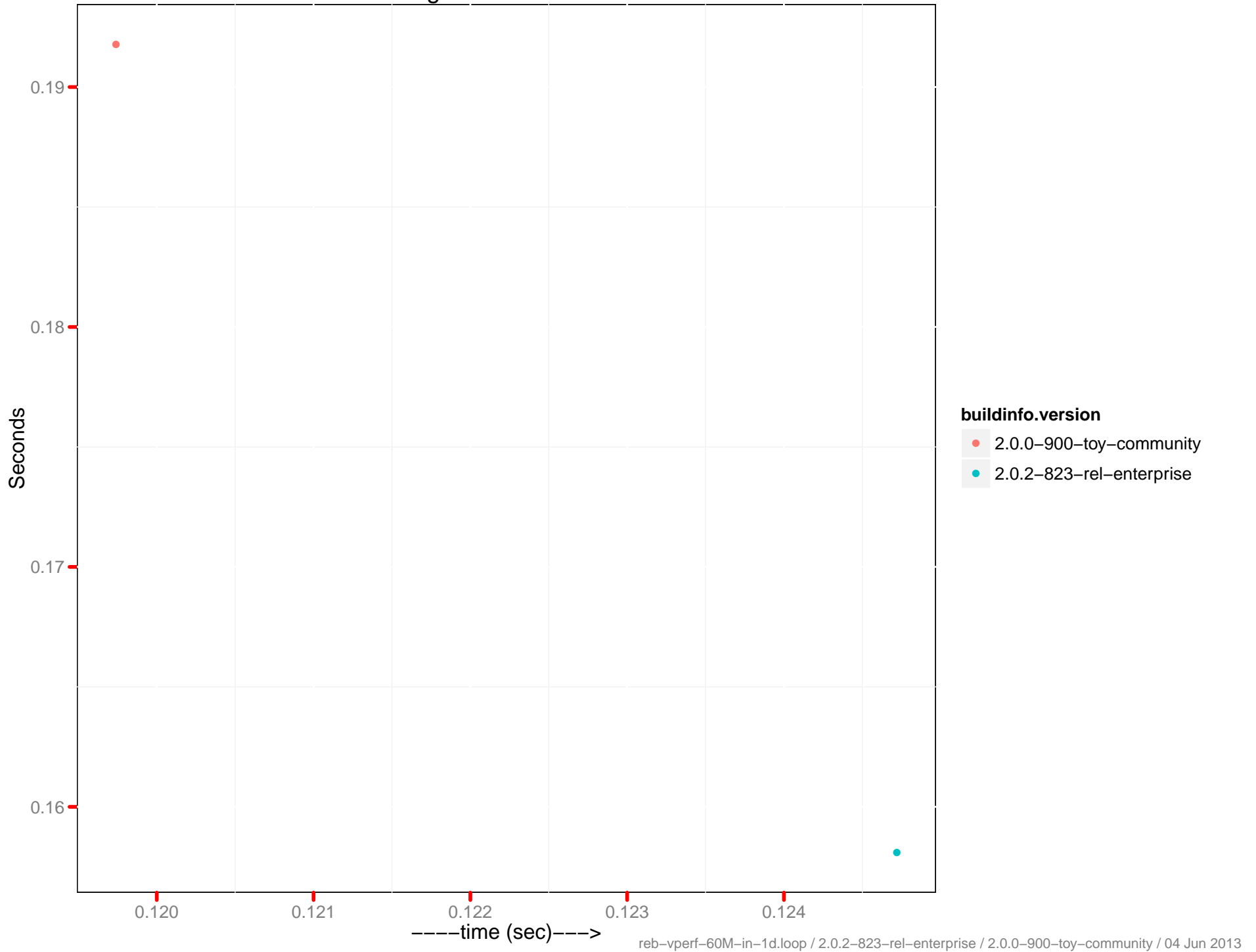
Indexing time – 172.23.96.15



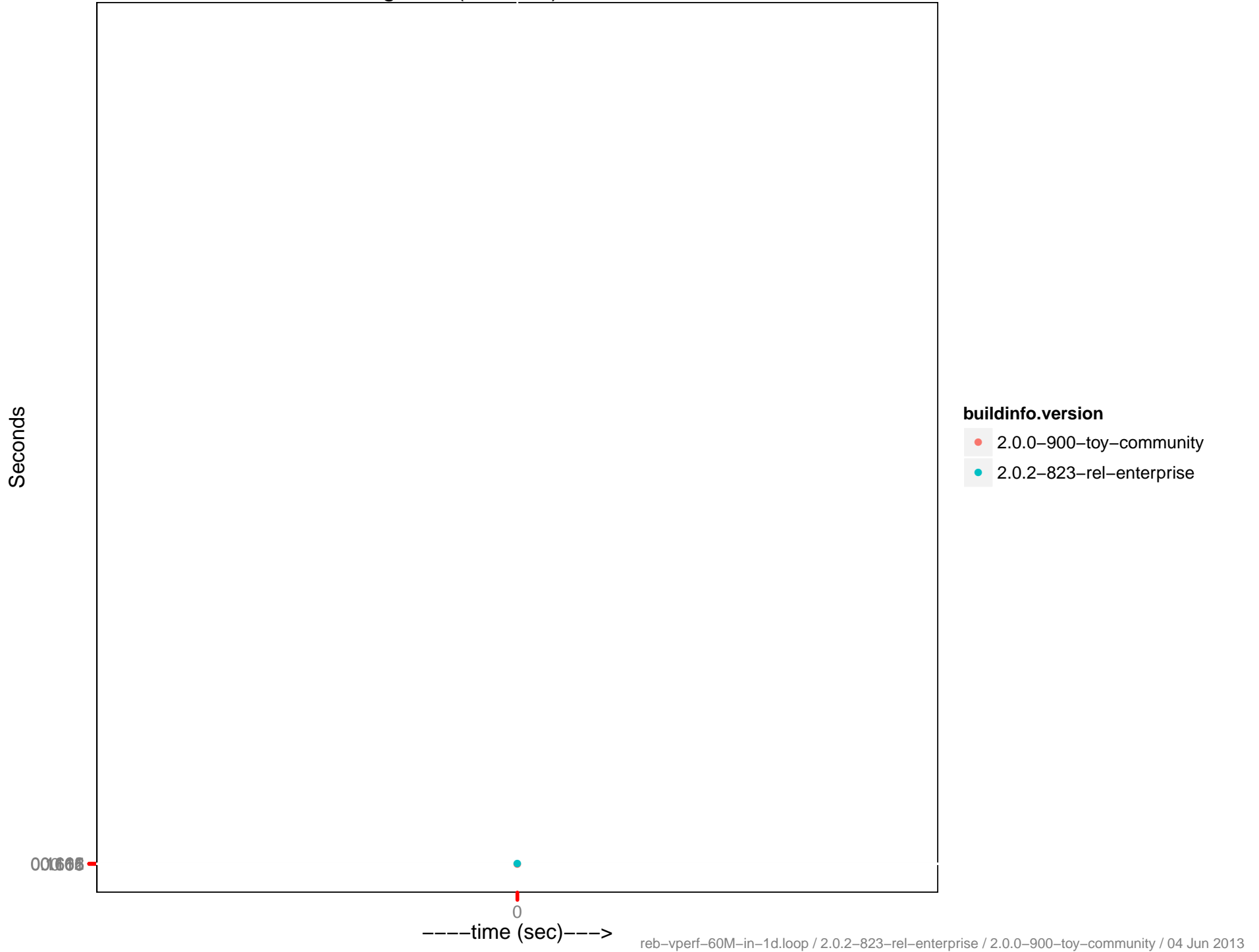
Indexing time – 172.23.96.16



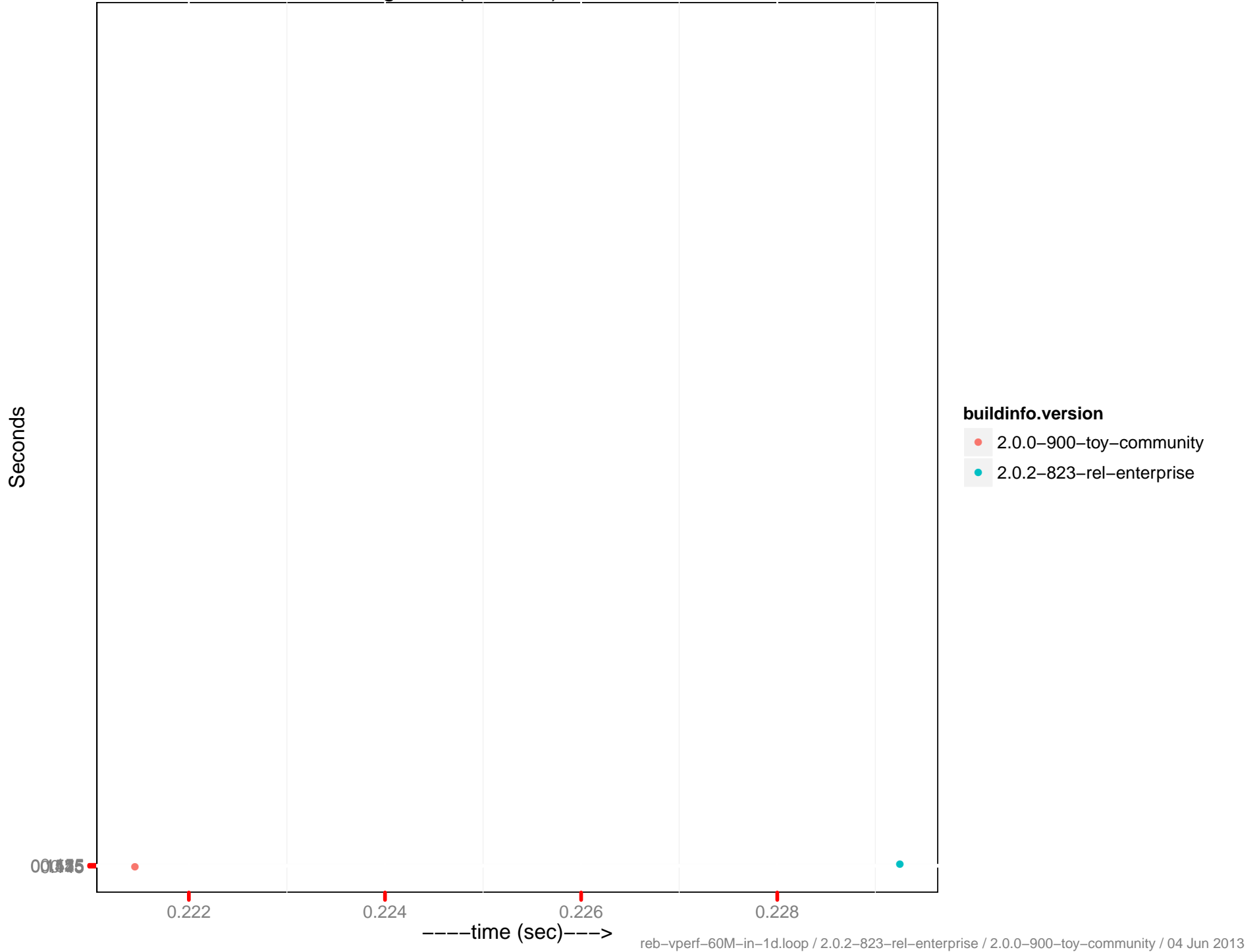
Indexing time – 172.23.96.17



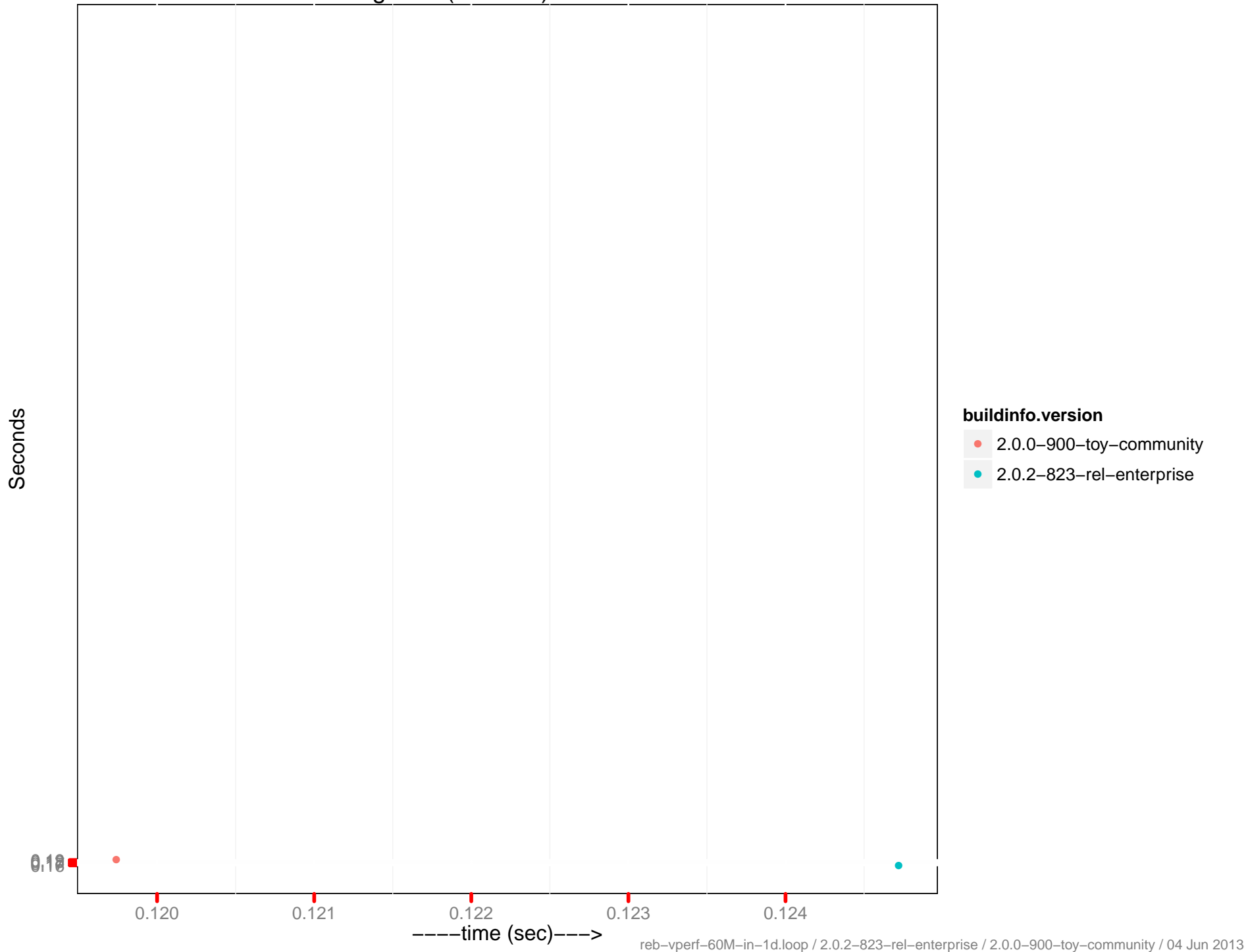
Indexing time (0-5 sec) - 172.23.96.15



Indexing time (0-5 sec) - 172.23.96.16



Indexing time (0-5 sec) - 172.23.96.17



Indexing throughput

