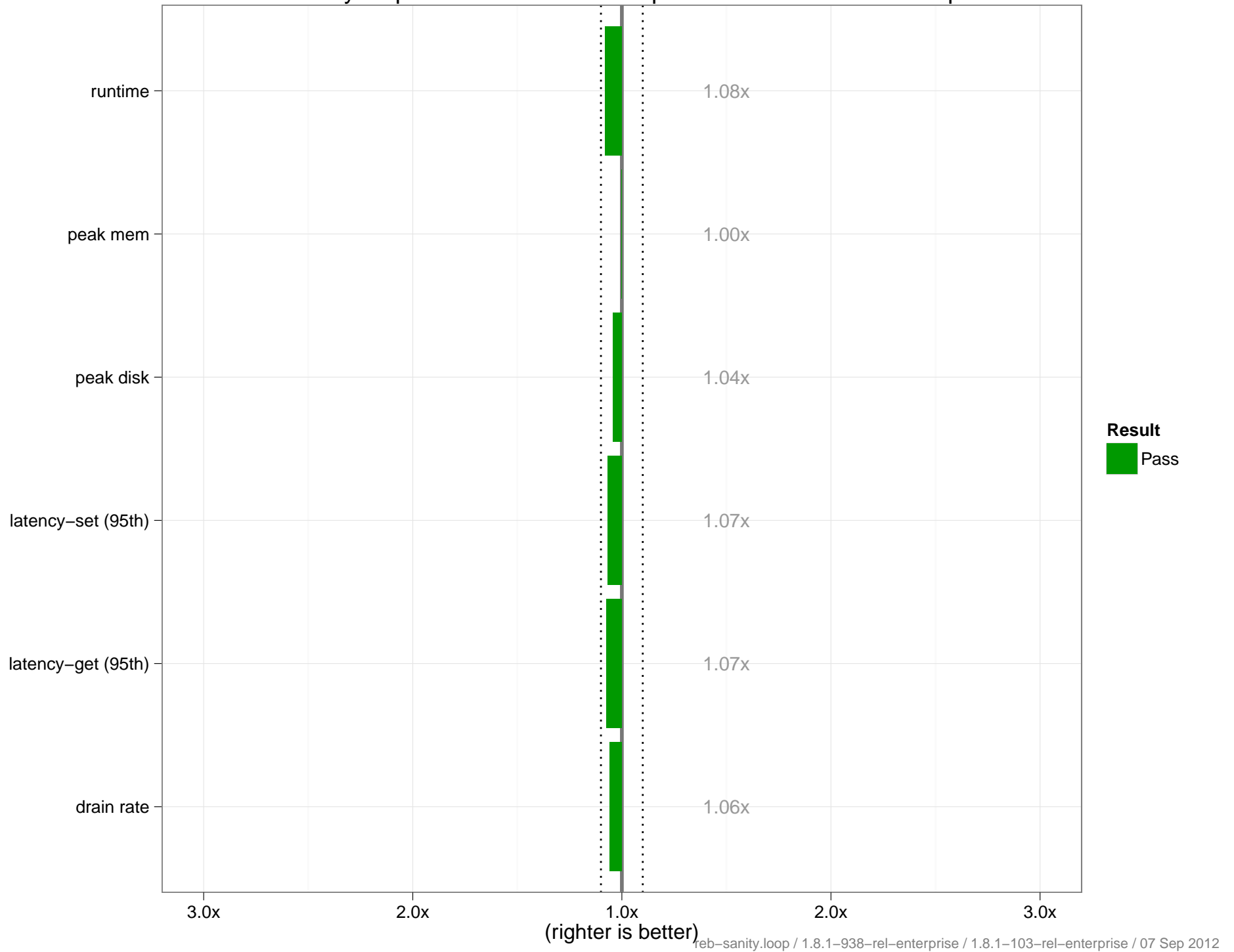
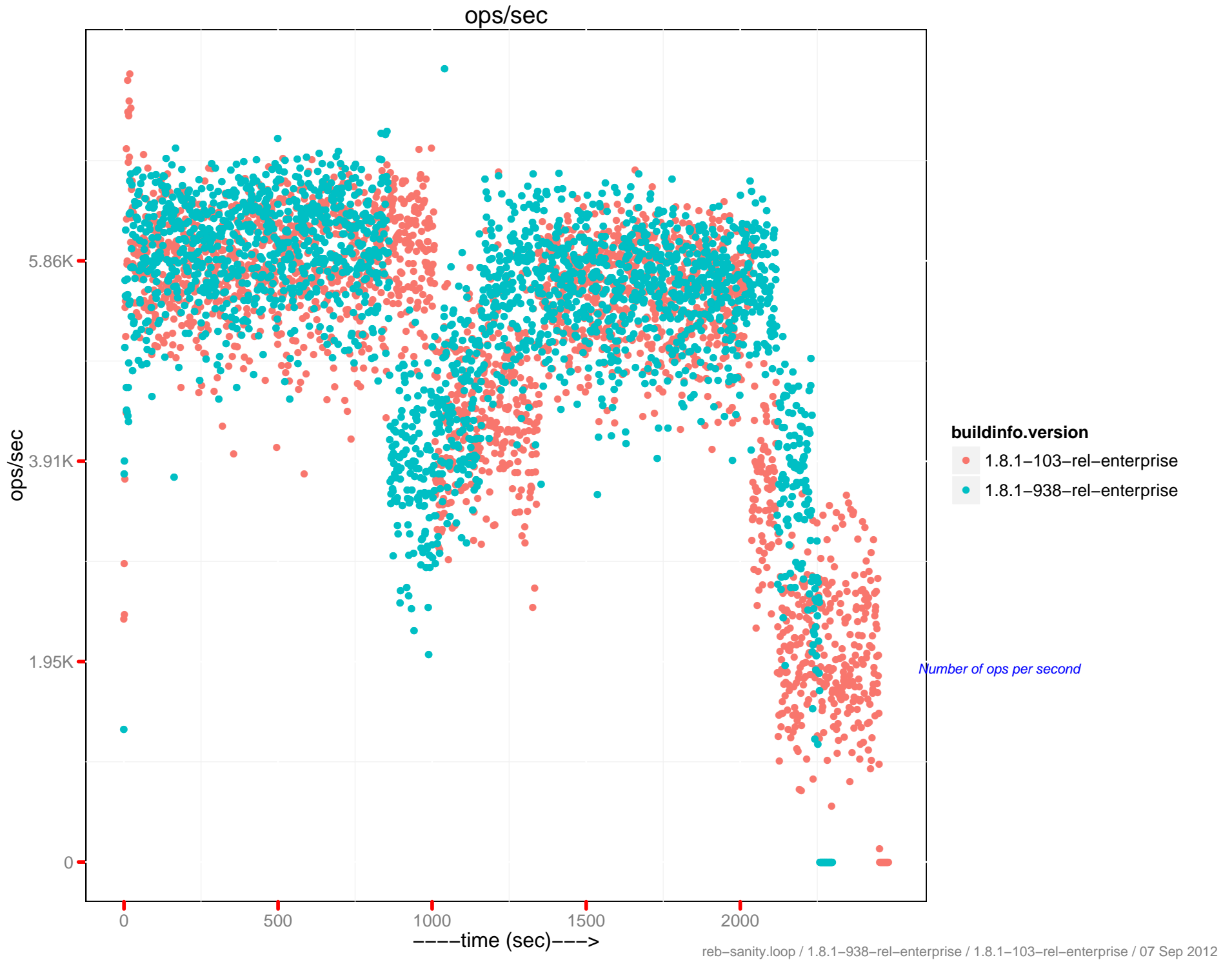


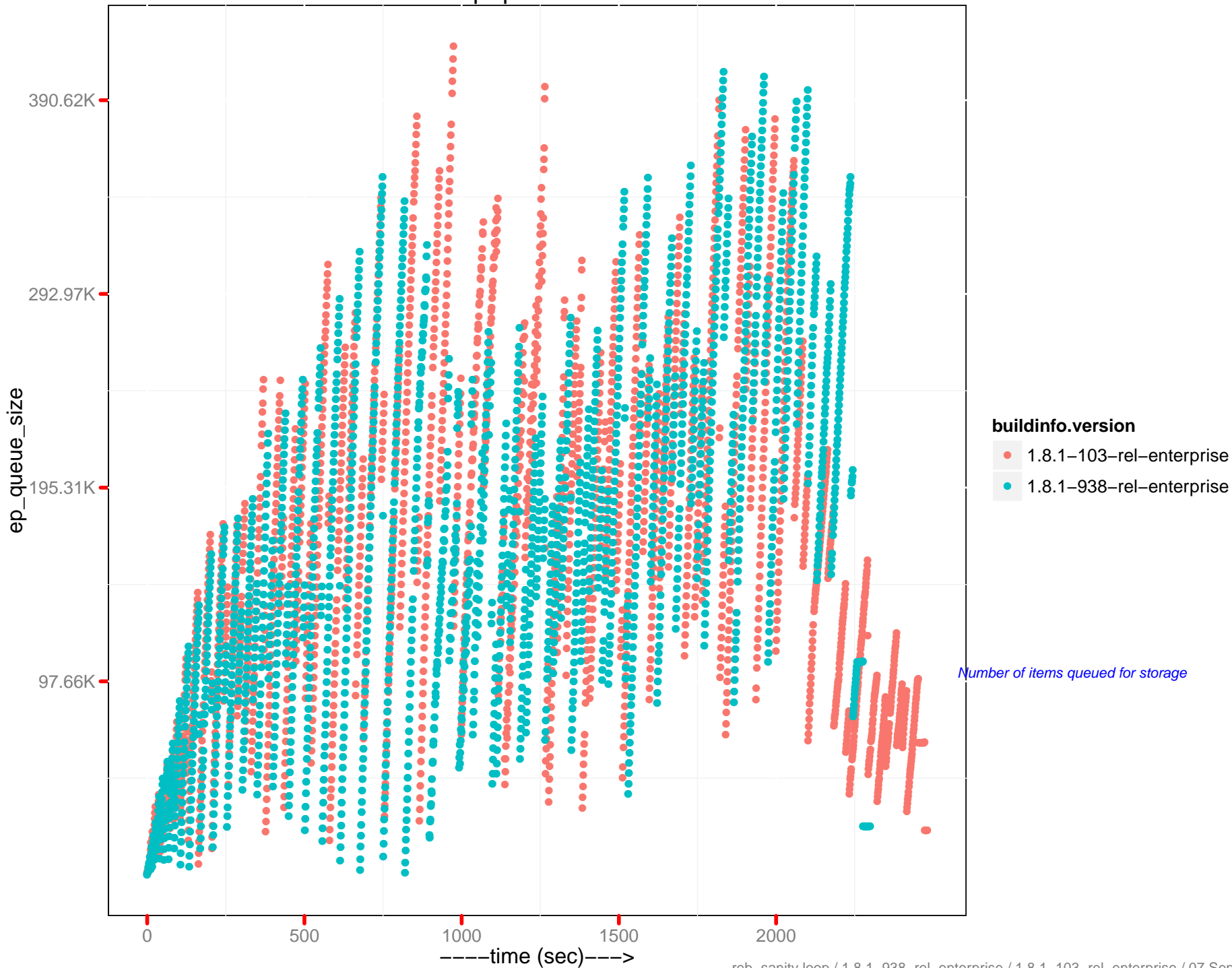
reb-sanity.loop : 1.8.1-938-rel-enterprise : 1.8.1-103-rel-enterprise



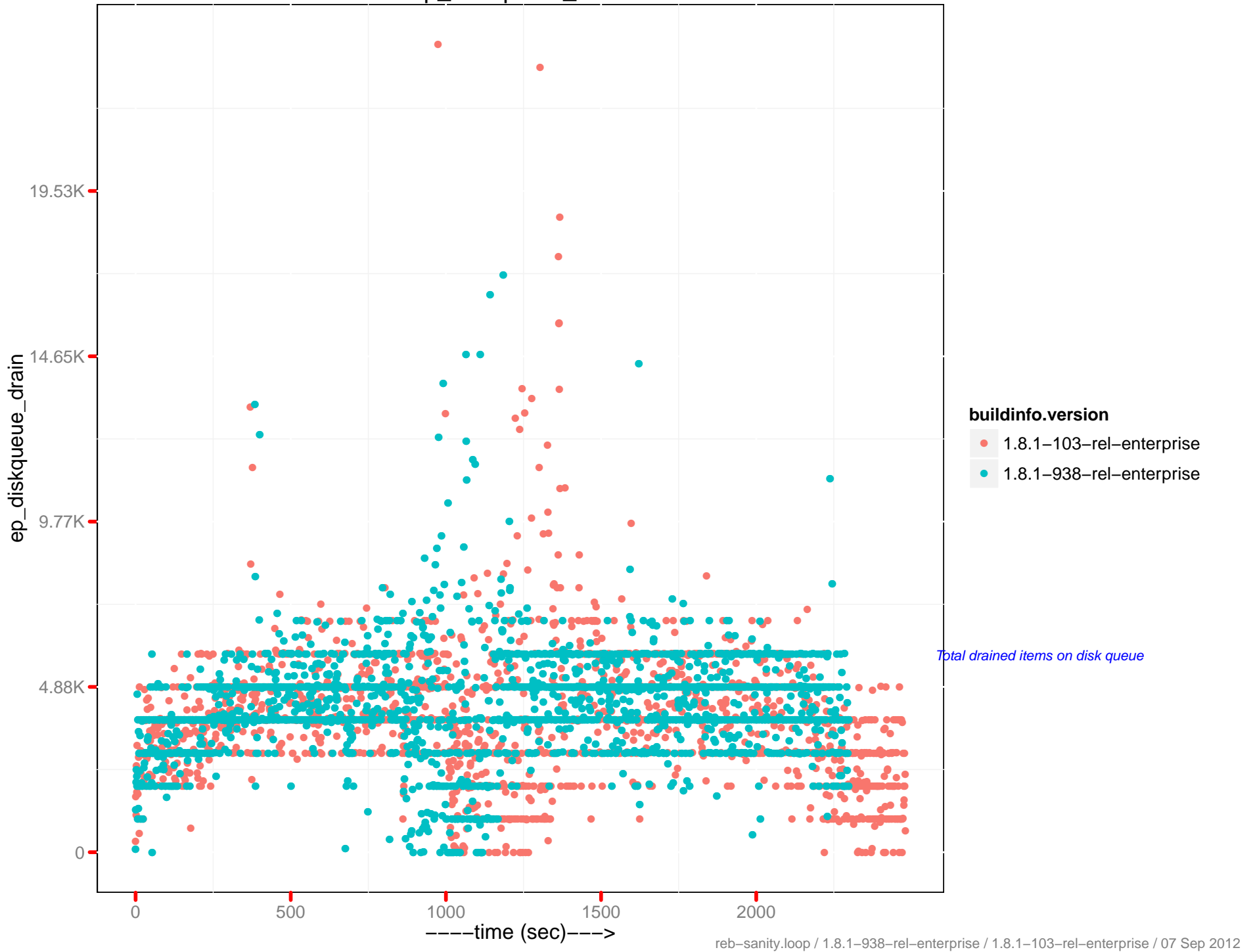
	1.8.1 – 938	1.8.1 – 103
<i>Runtime (in hr)</i>	0.64	0.69
<i>Avg. Drain Rate</i>	4.33K	4.10K
<i>Peak Disk (GB)</i>	6.86	7.15
<i>Peak Memory (GB)</i>	2.43	2.43
<i>Avg. OPS</i>	5.41K	4.98K
<i>Avg. mem memcached (GB)</i>	1.71	1.82
<i>Avg. mem beam.smp (MB)</i>	111.63	115.37
<i>Avg. CPU rate (%)</i>	35.35	36.38
<i>Latency-get (90th) (ms)</i>	0.91	0.94
<i>Latency-get (95th) (ms)</i>	1.23	1.32
<i>Latency-get (99th) (ms)</i>	4.23	5.1
<i>Latency-set (90th) (ms)</i>	0.96	1.01
<i>Latency-set (95th) (ms)</i>	1.3	1.39
<i>Latency-set (99th) (ms)</i>	5.6	6.37
<i>Latency-query (80th) (ms)</i>	NA	NA
<i>Latency-query (90th) (ms)</i>	NA	NA
<i>Latency-query (95th) (ms)</i>	NA	NA
<i>Latency-query (99th) (ms)</i>	NA	NA
<i>Latency-query (99.9th) (ms)</i>	NA	NA
<i>Avg. QPS</i>	0	0
<i>XDC ops/sec</i>	0	353.79
<i>Rebalance Time (sec)</i>	323.22	NA
<i>Testrunner Version</i>	71c91ff	0.015521



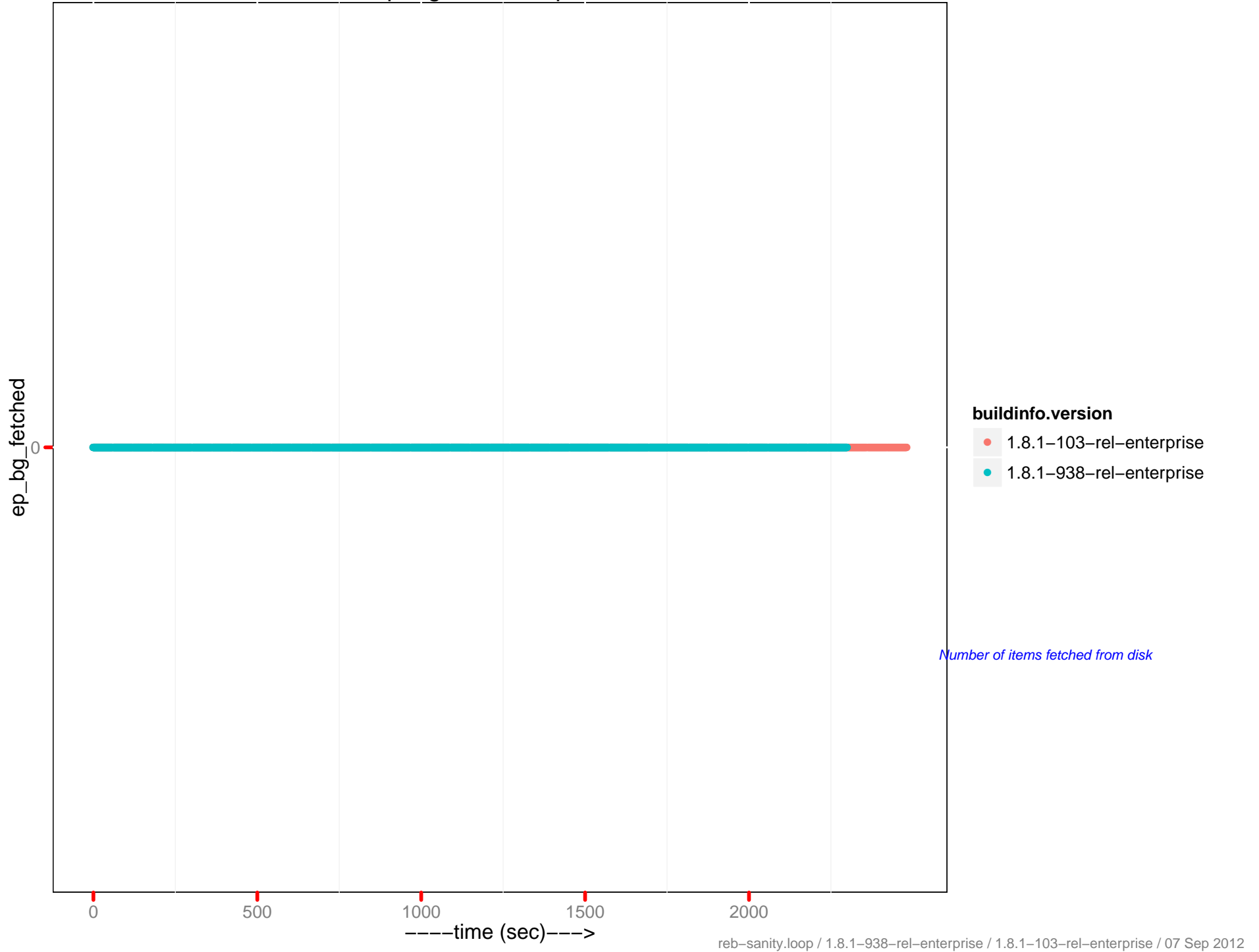
ep queue size



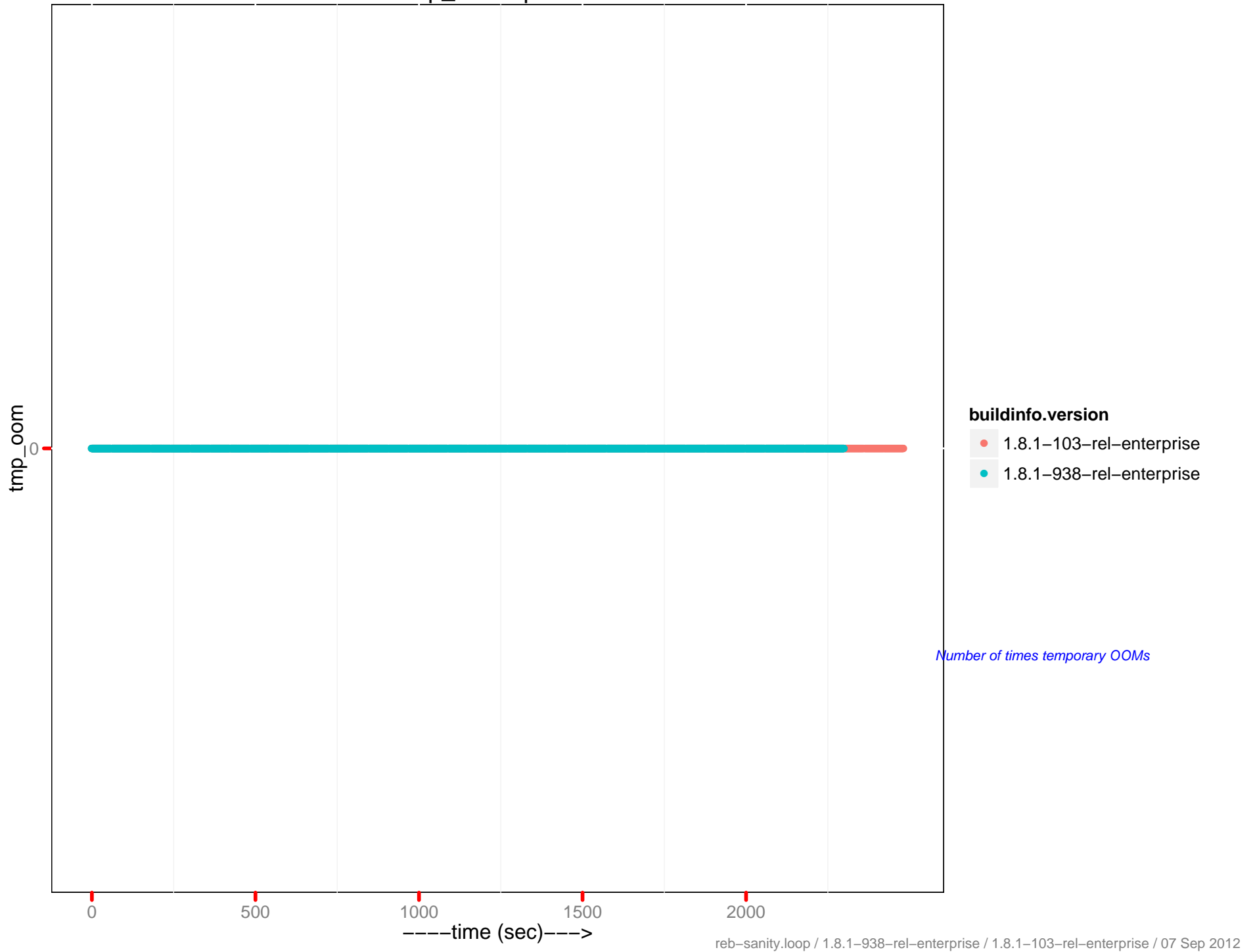
ep_diskqueue_drain



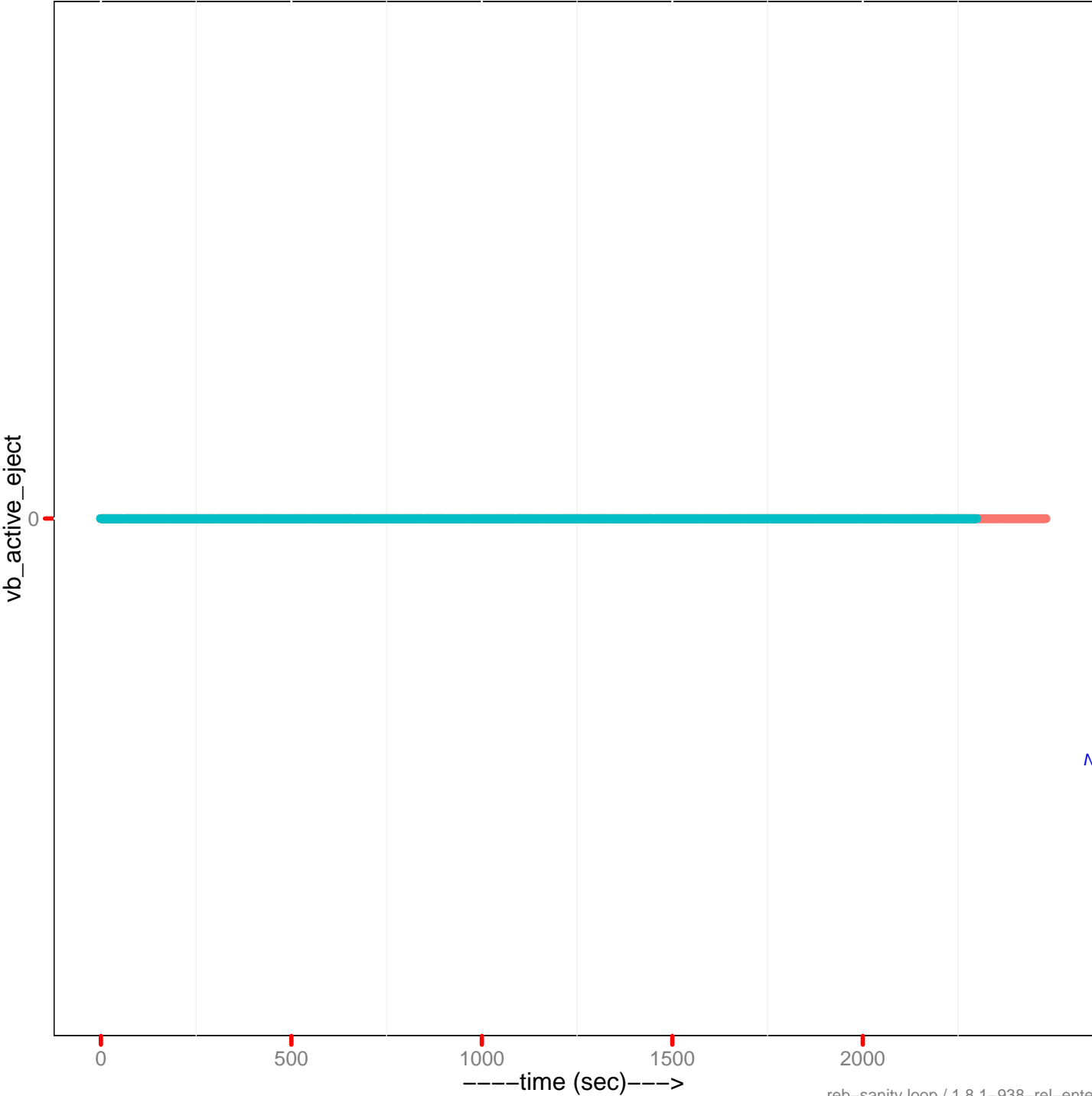
ep_bg_fetched ops/sec



tmp_oom ops/sec



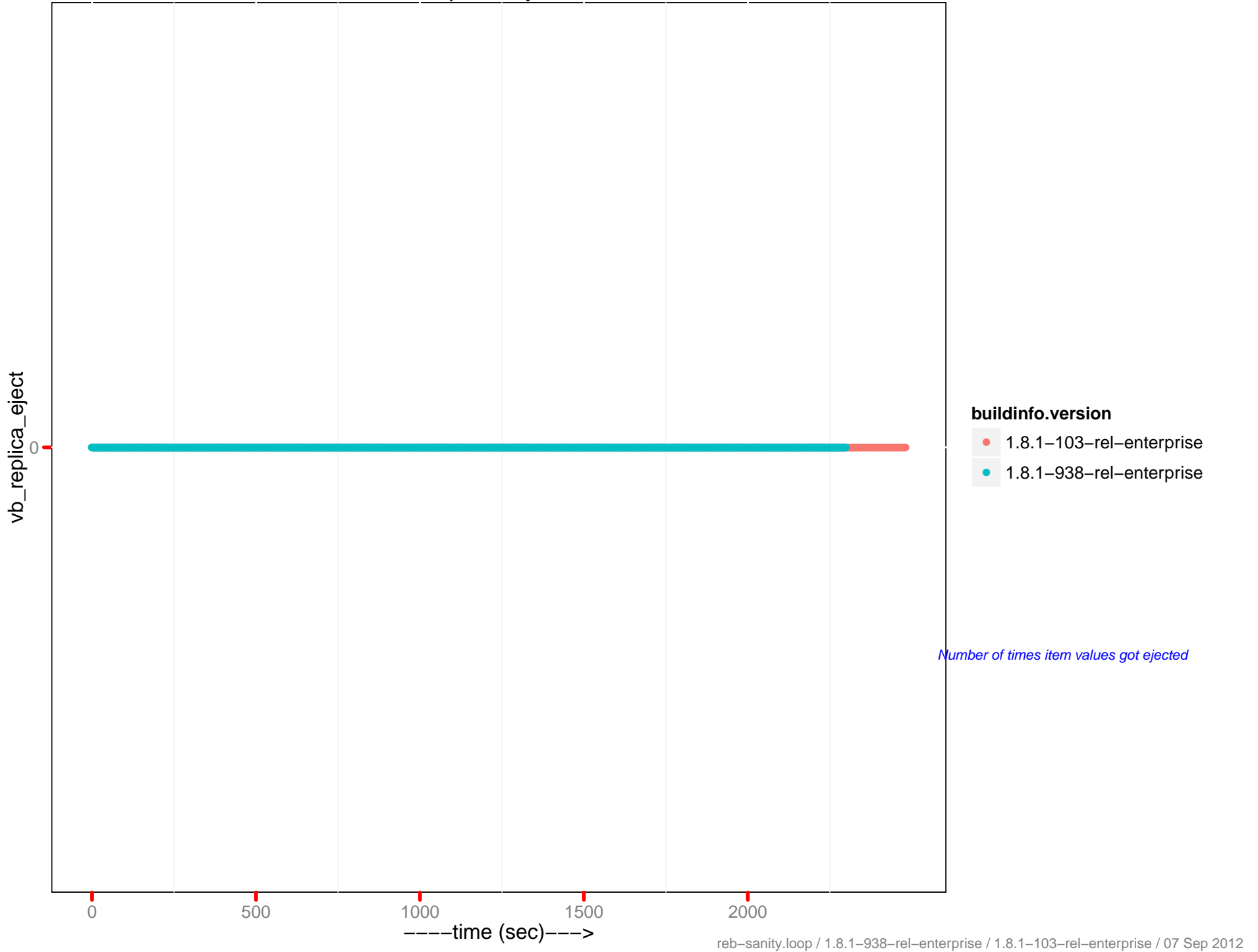
vb_active_eject/sec



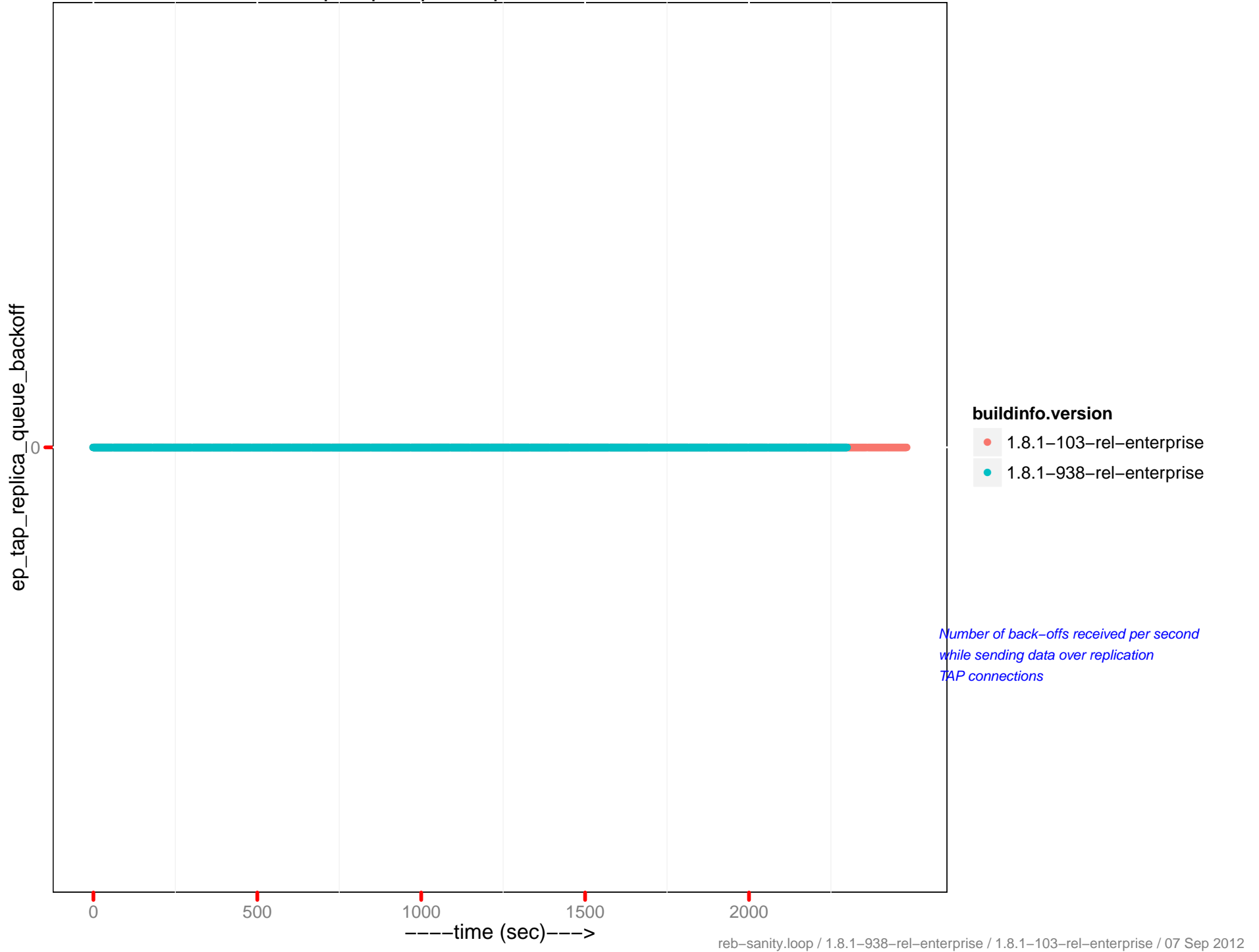
buildinfo.version
● 1.8.1-103-rel-enterprise
● 1.8.1-938-rel-enterprise

Number of times item values got ejected

vb_replica_eject/sec

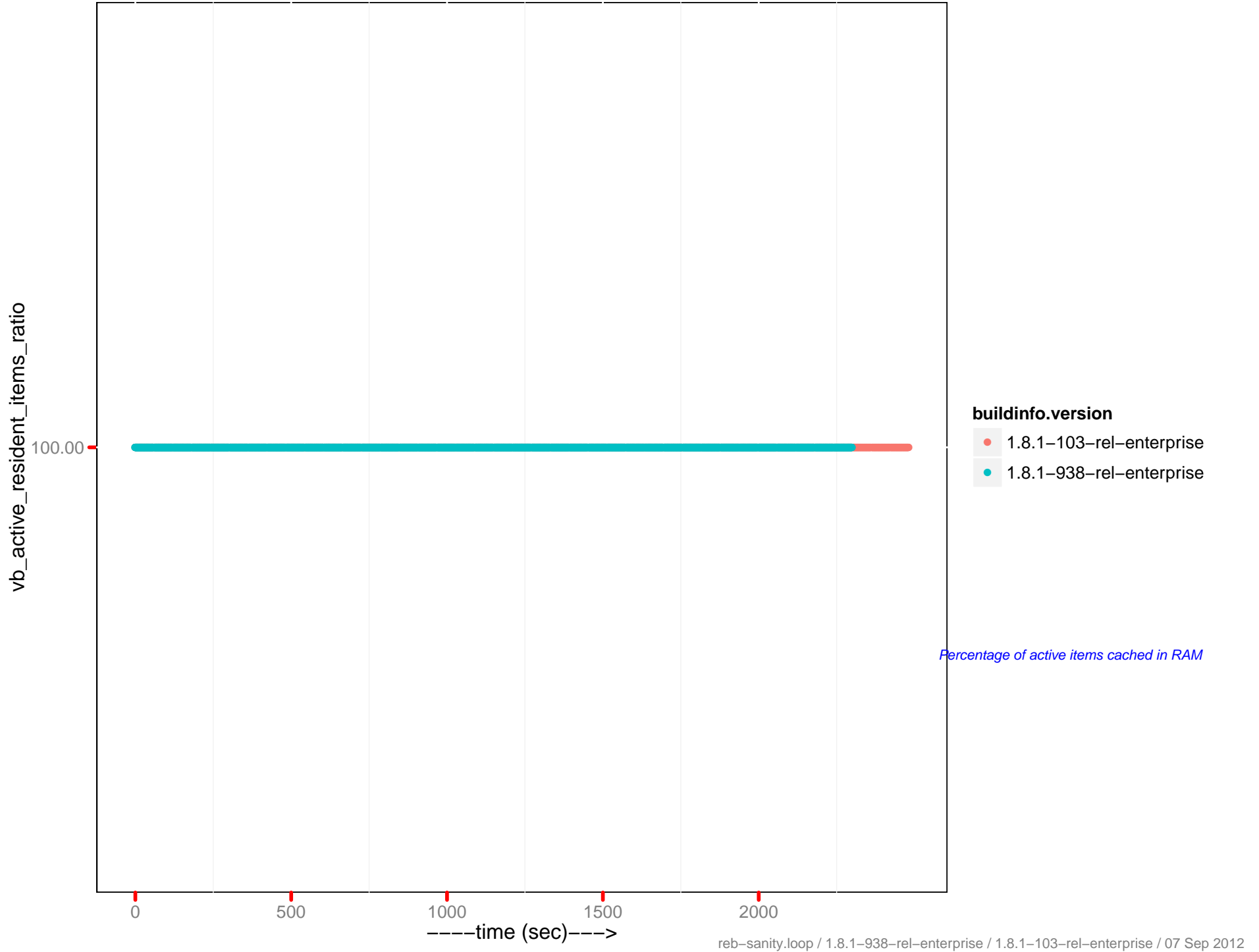


ep_tap_replica_queue_backoff/sec

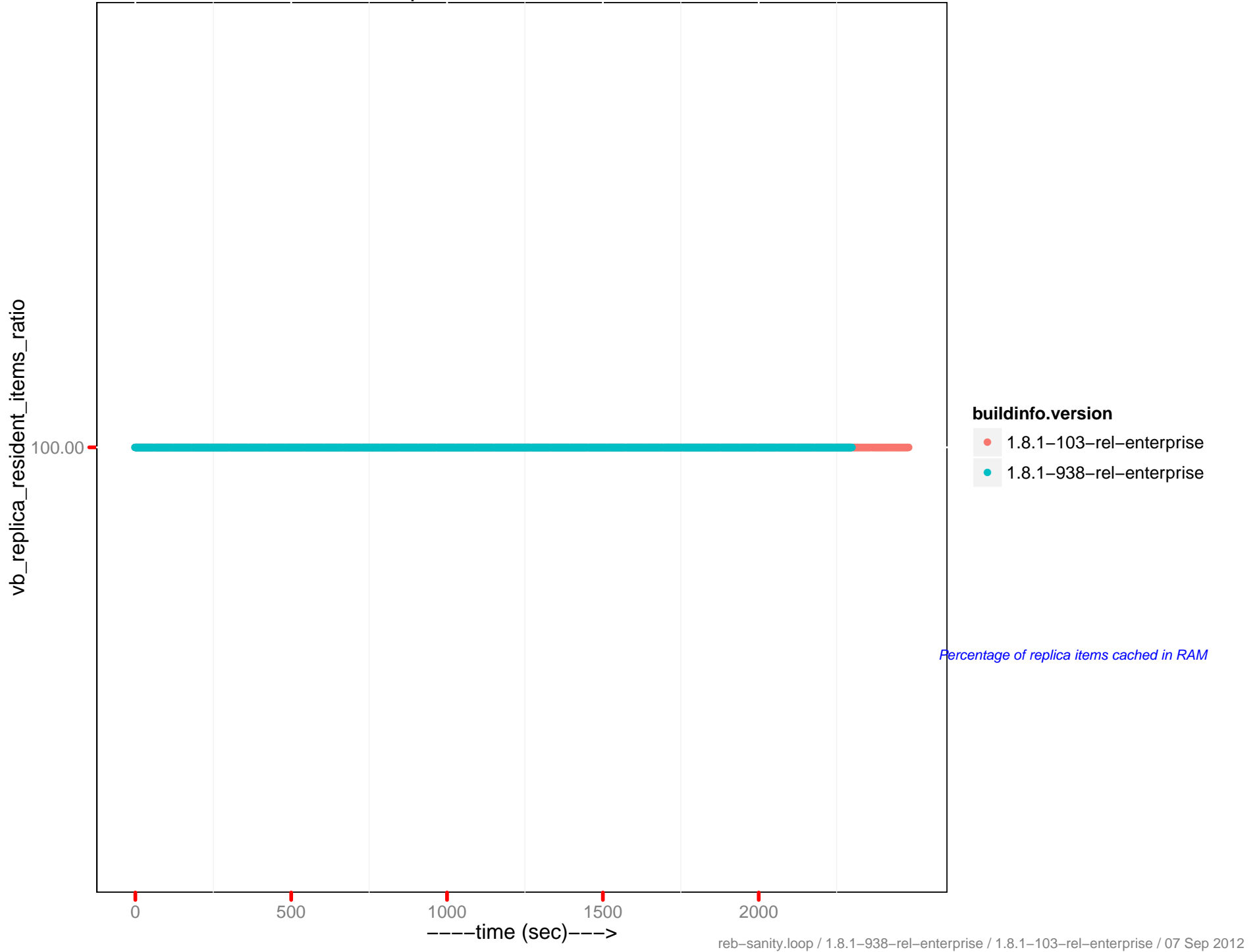


*Number of back-offs received per second
while sending data over replication
TAP connections*

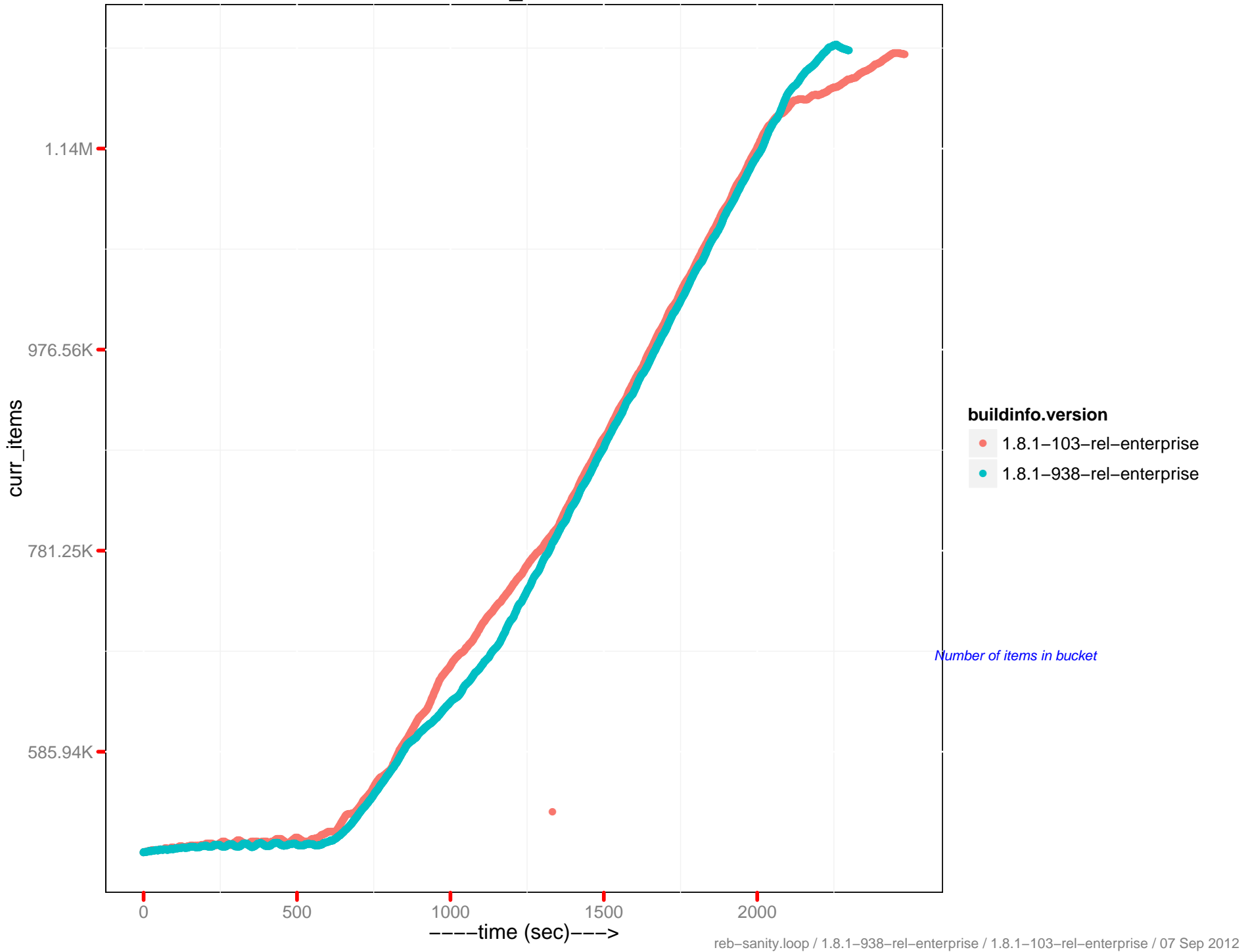
vb_active_resident_items_ratio



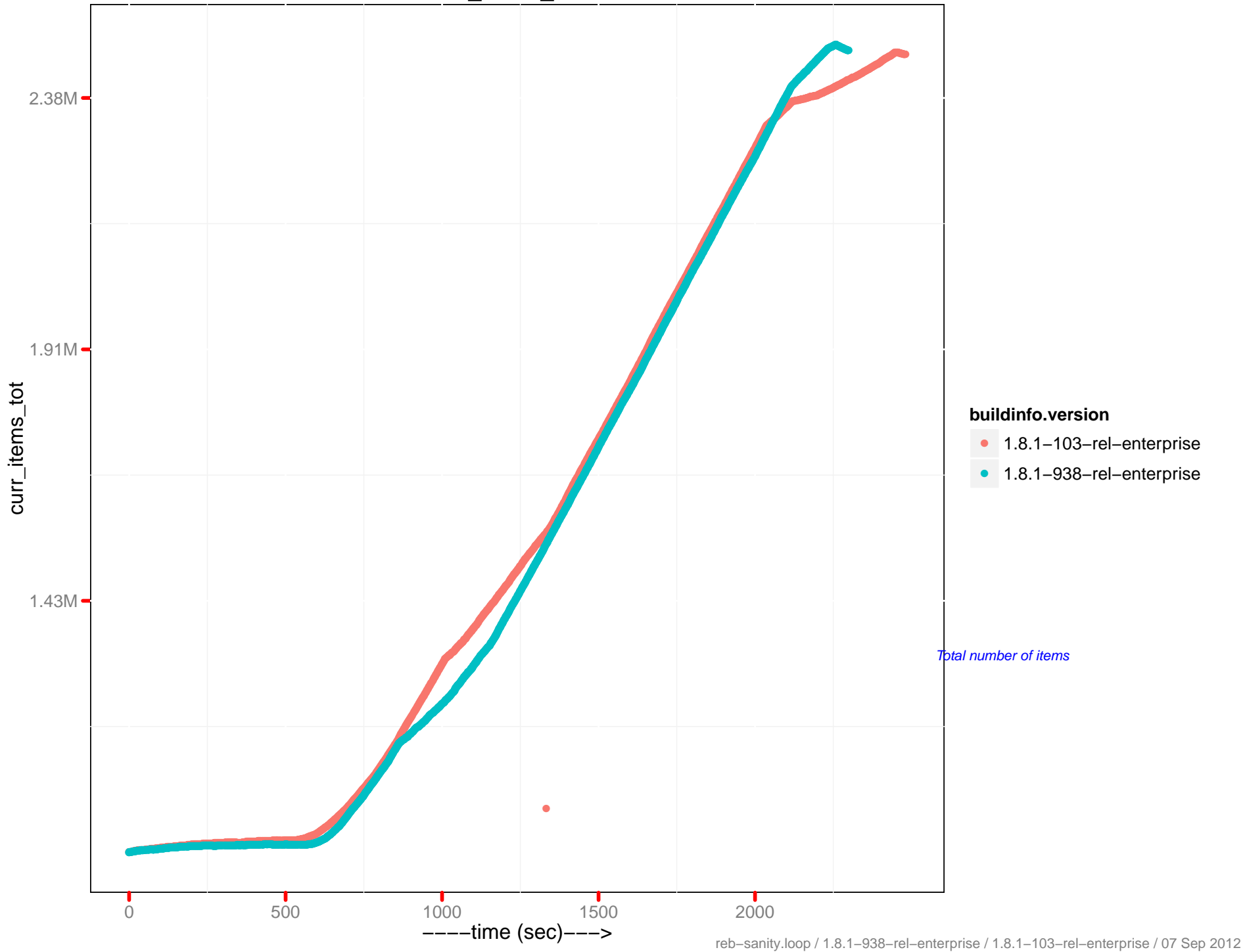
vb_replica_resident_items_ratio



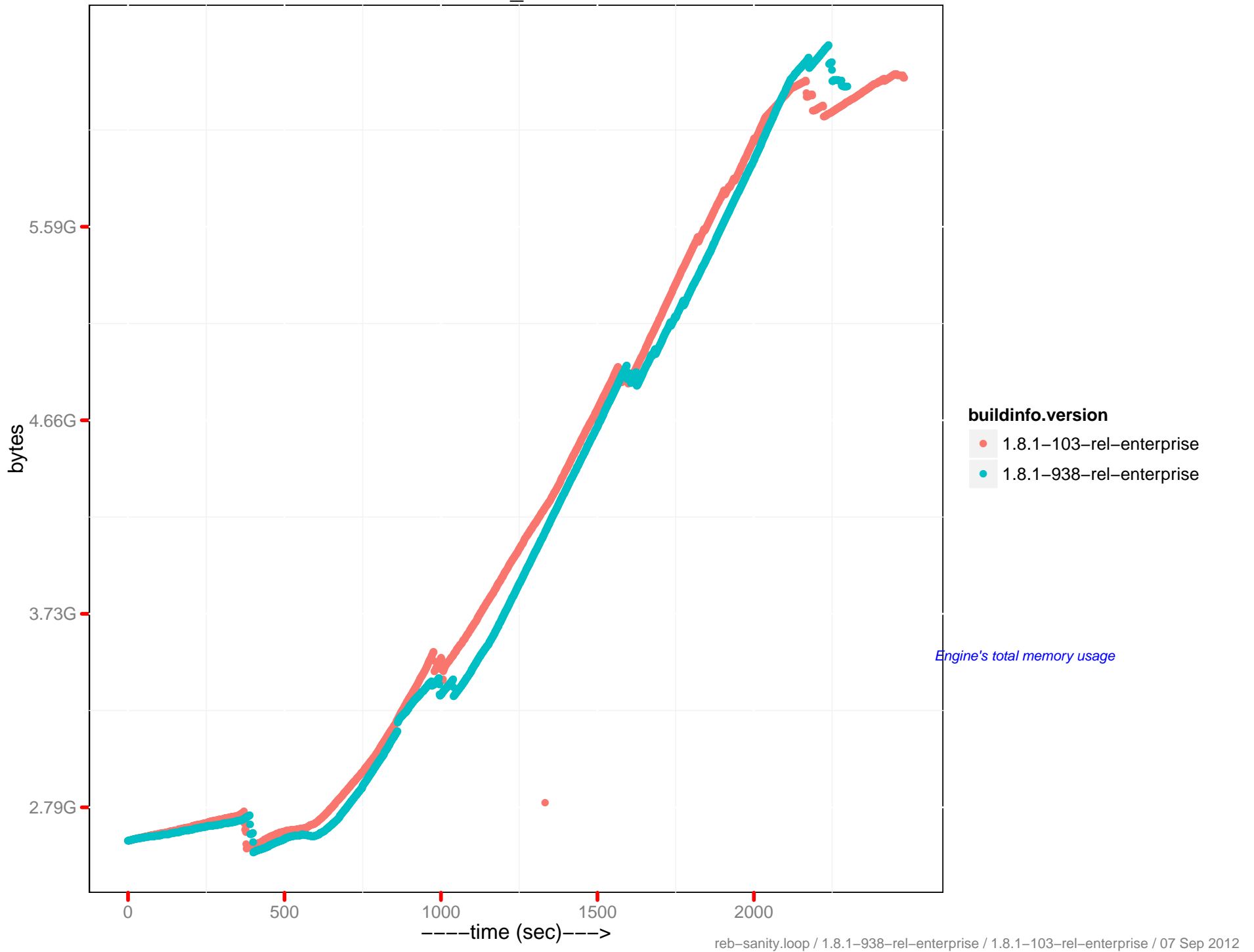
curr_items



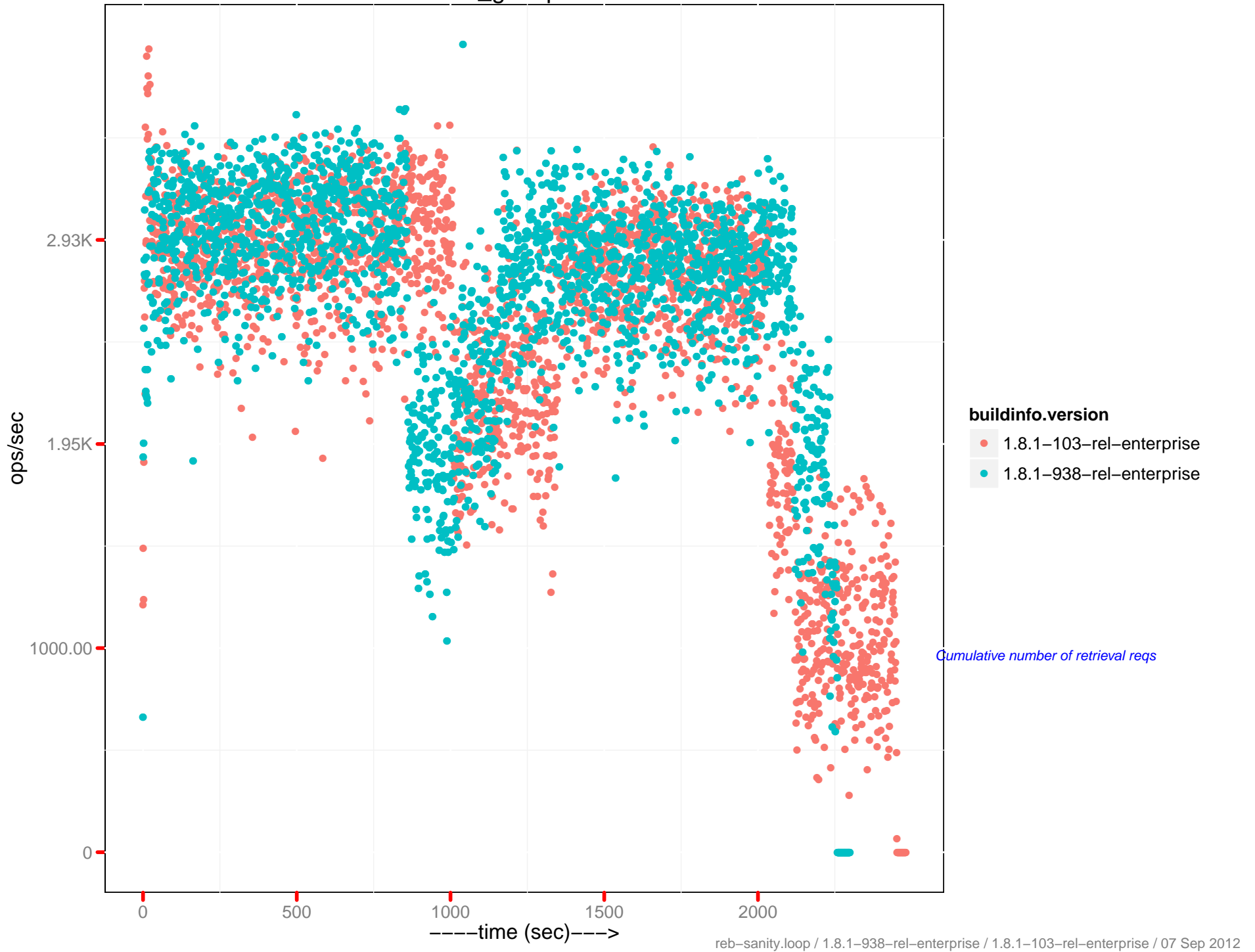
cur_items_total



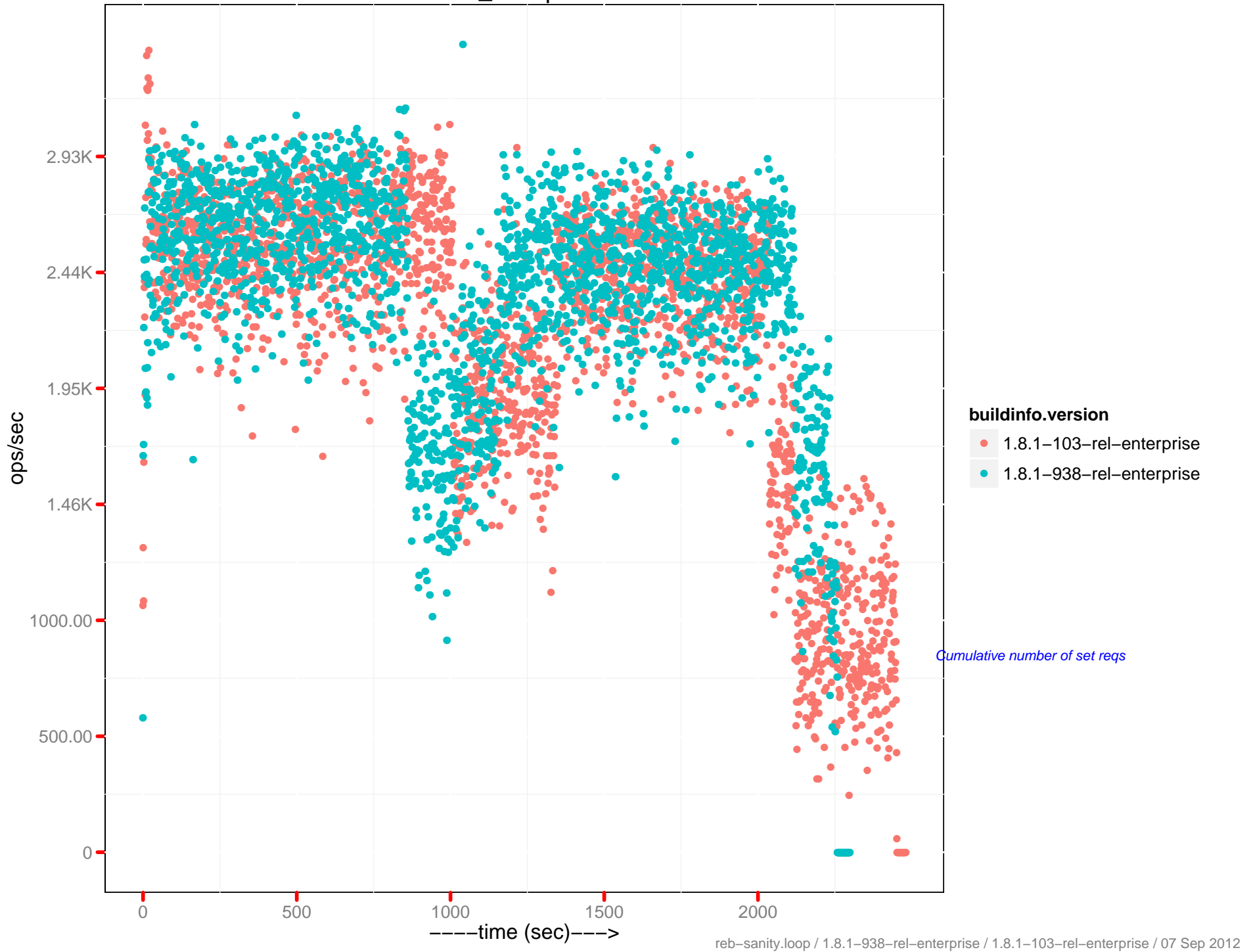
mem_used



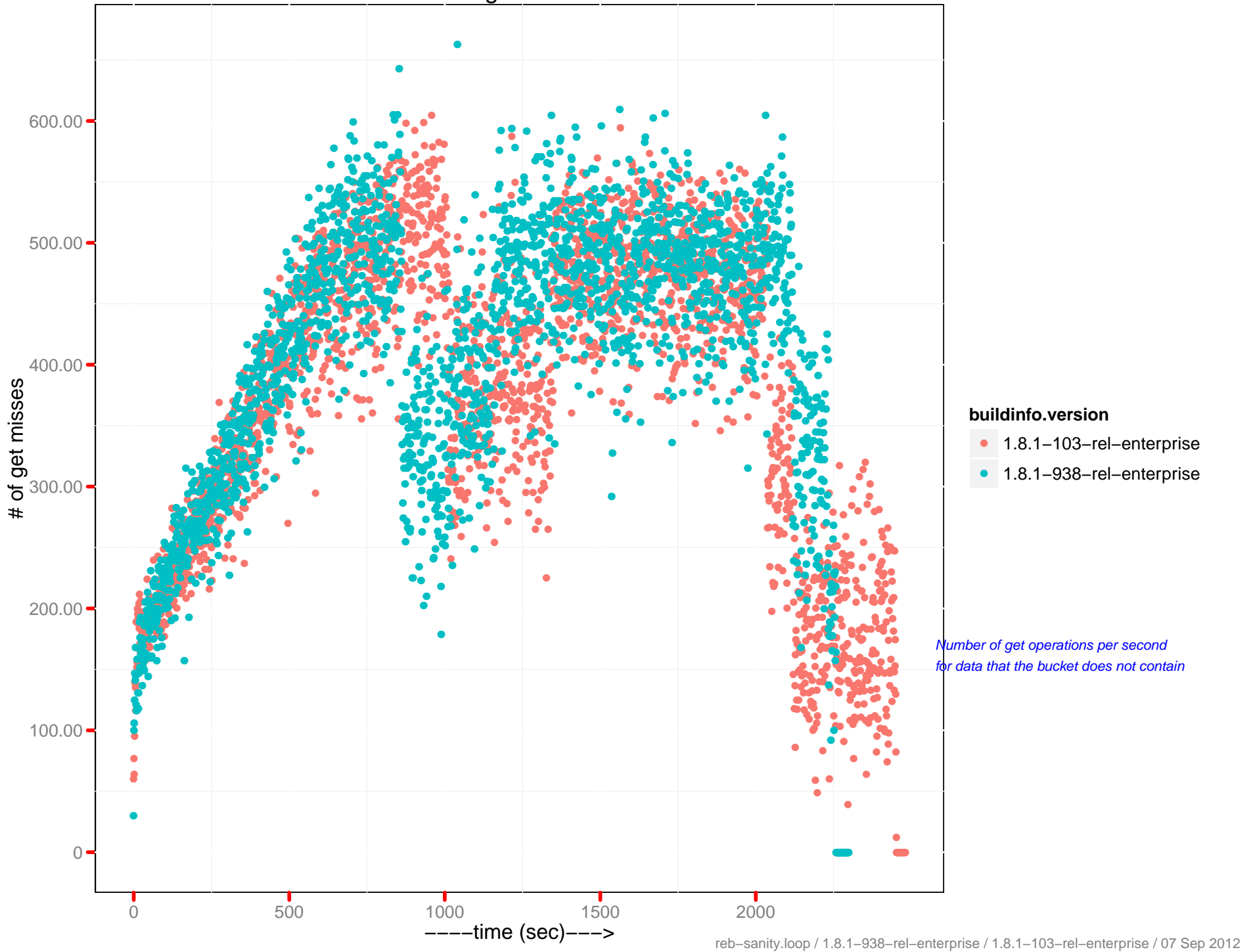
cmd_get ops/sec



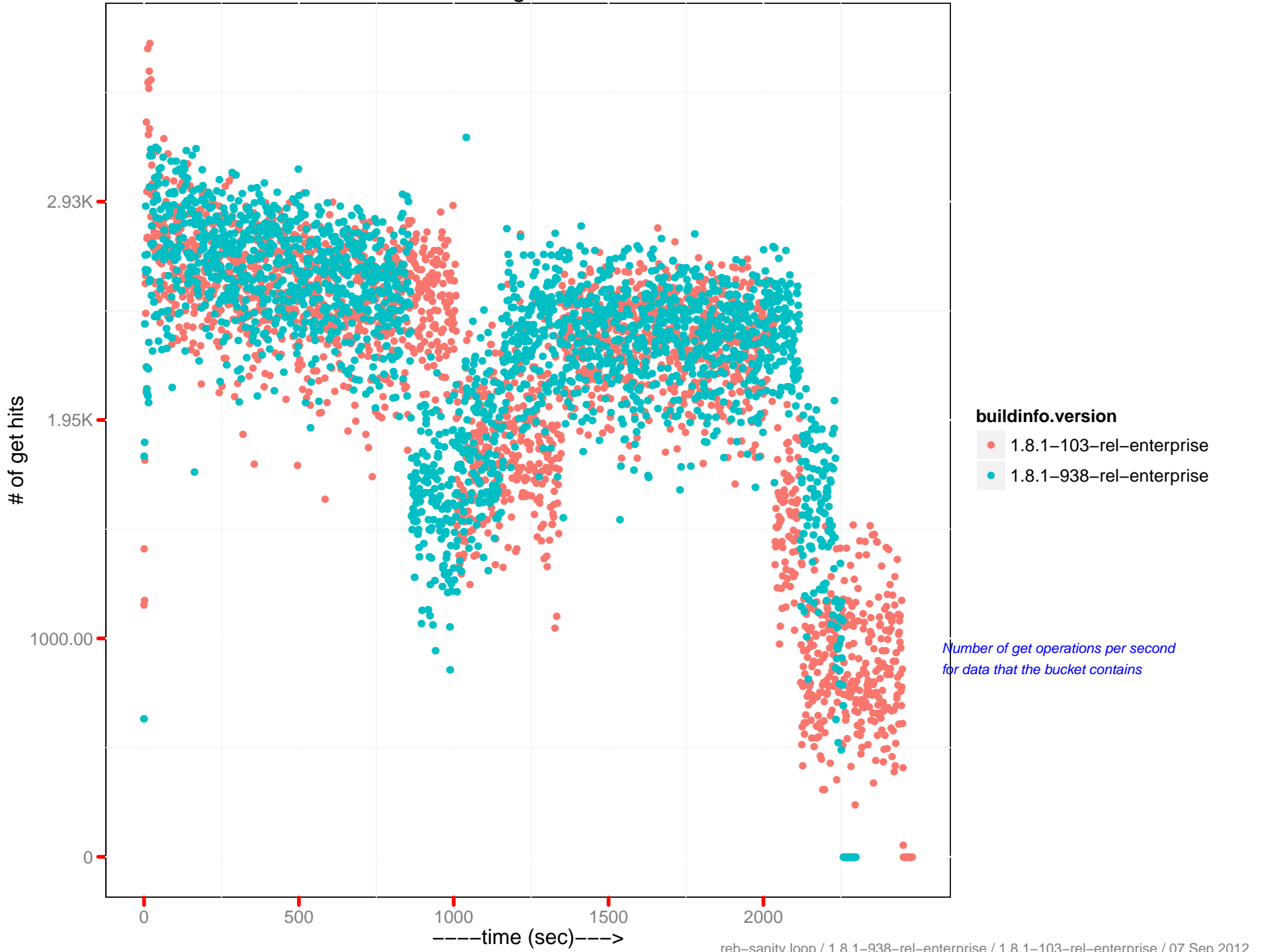
cmd_set ops/sec



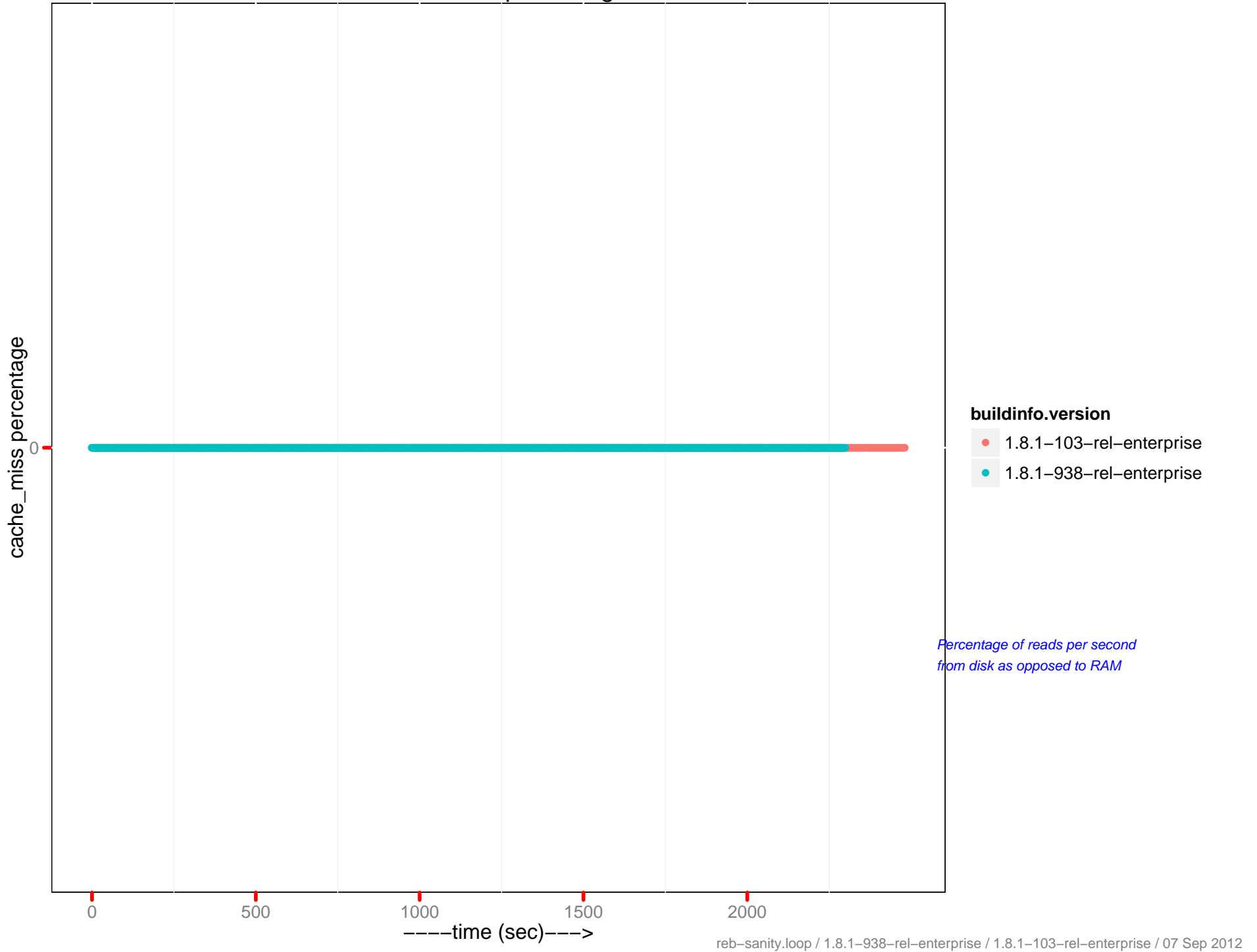
of get misses



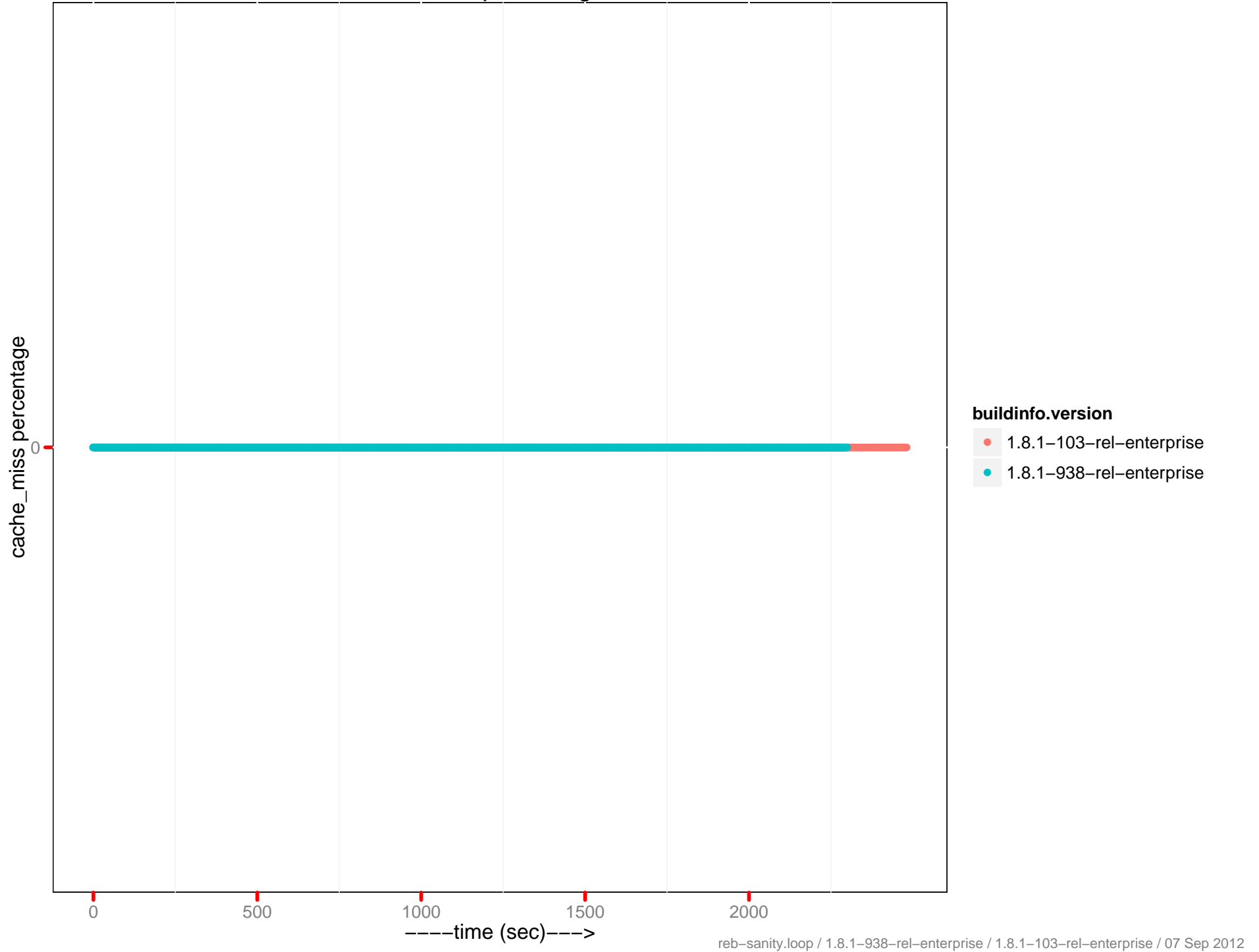
of get hits



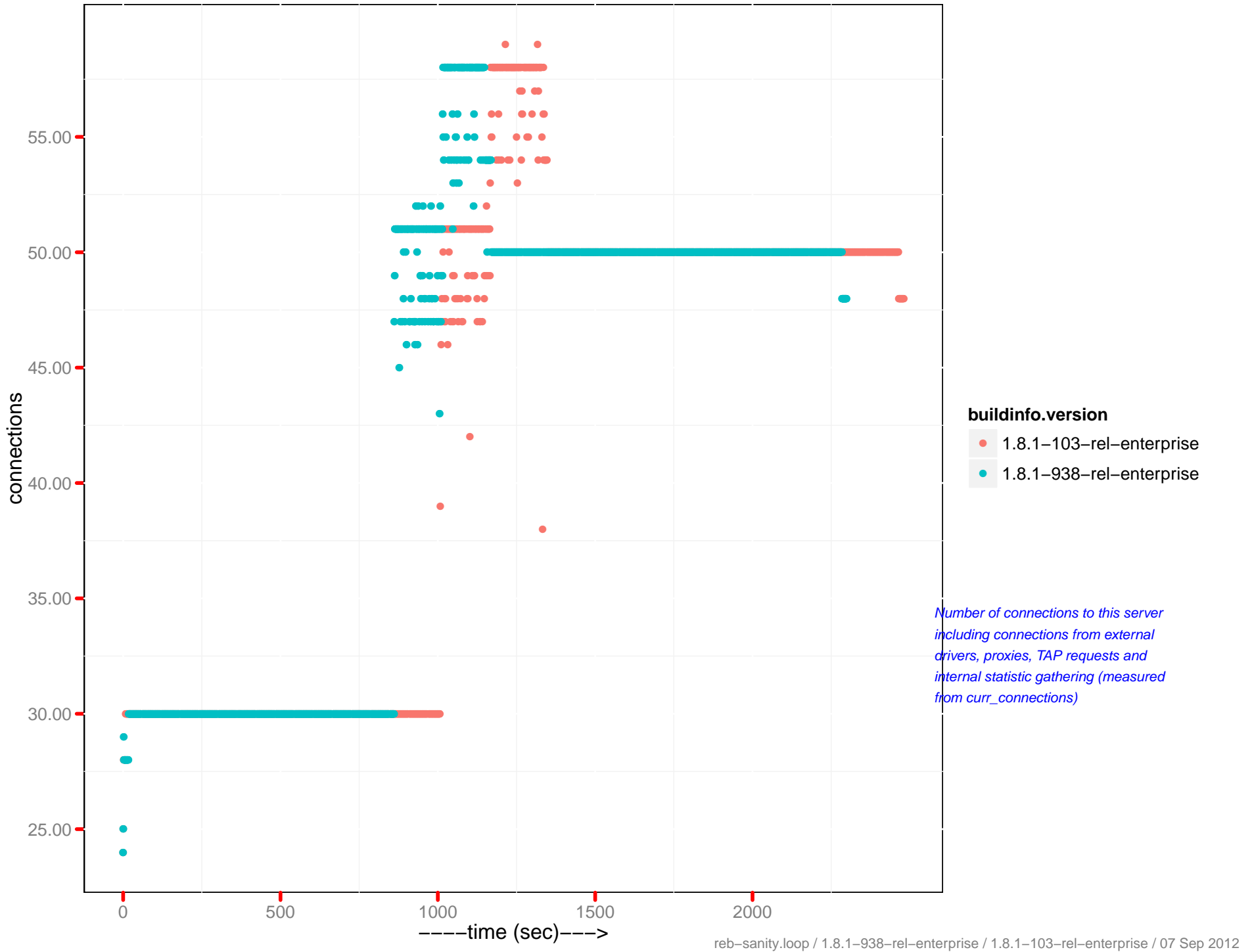
cache_miss percentage



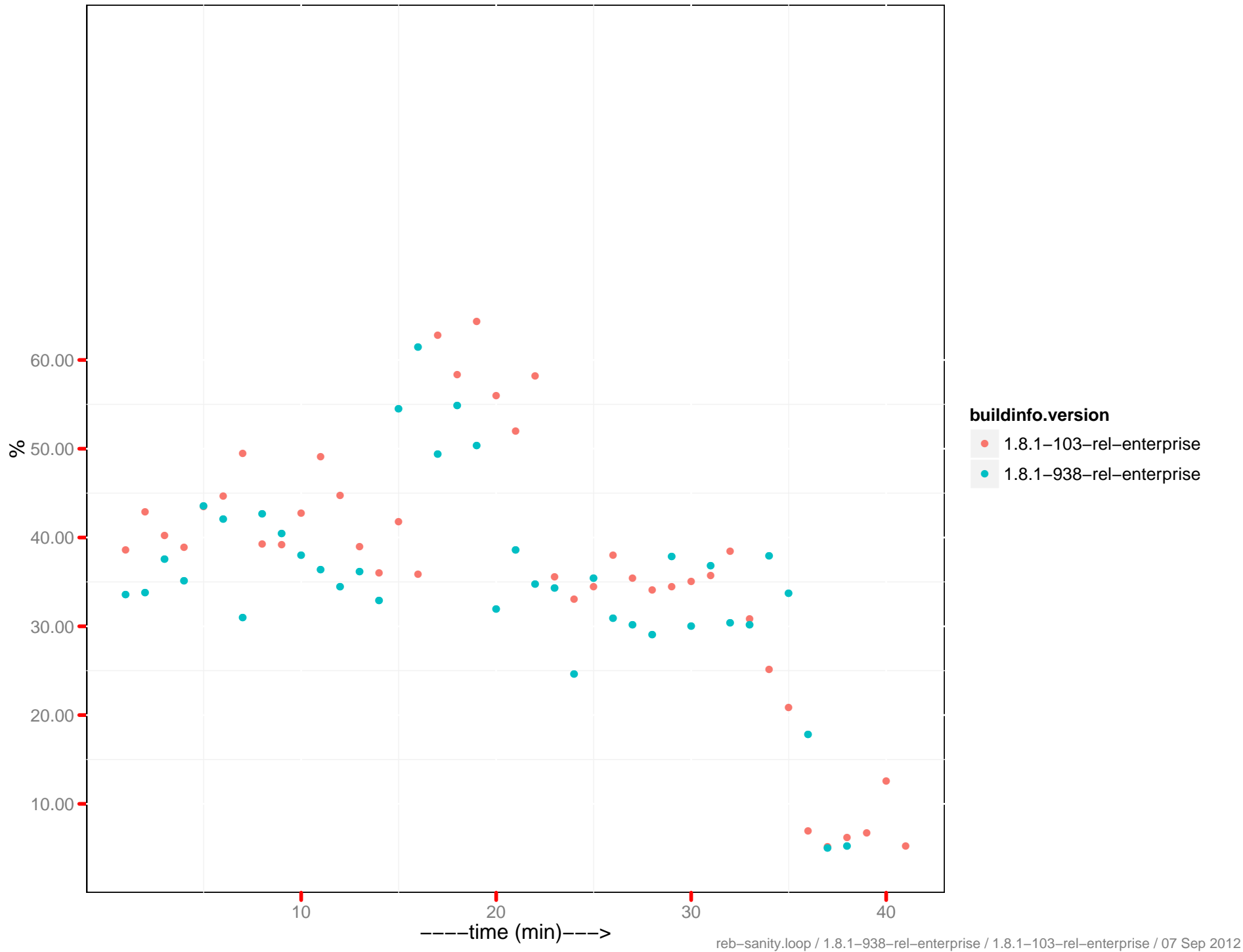
cache_miss percentage 0-5



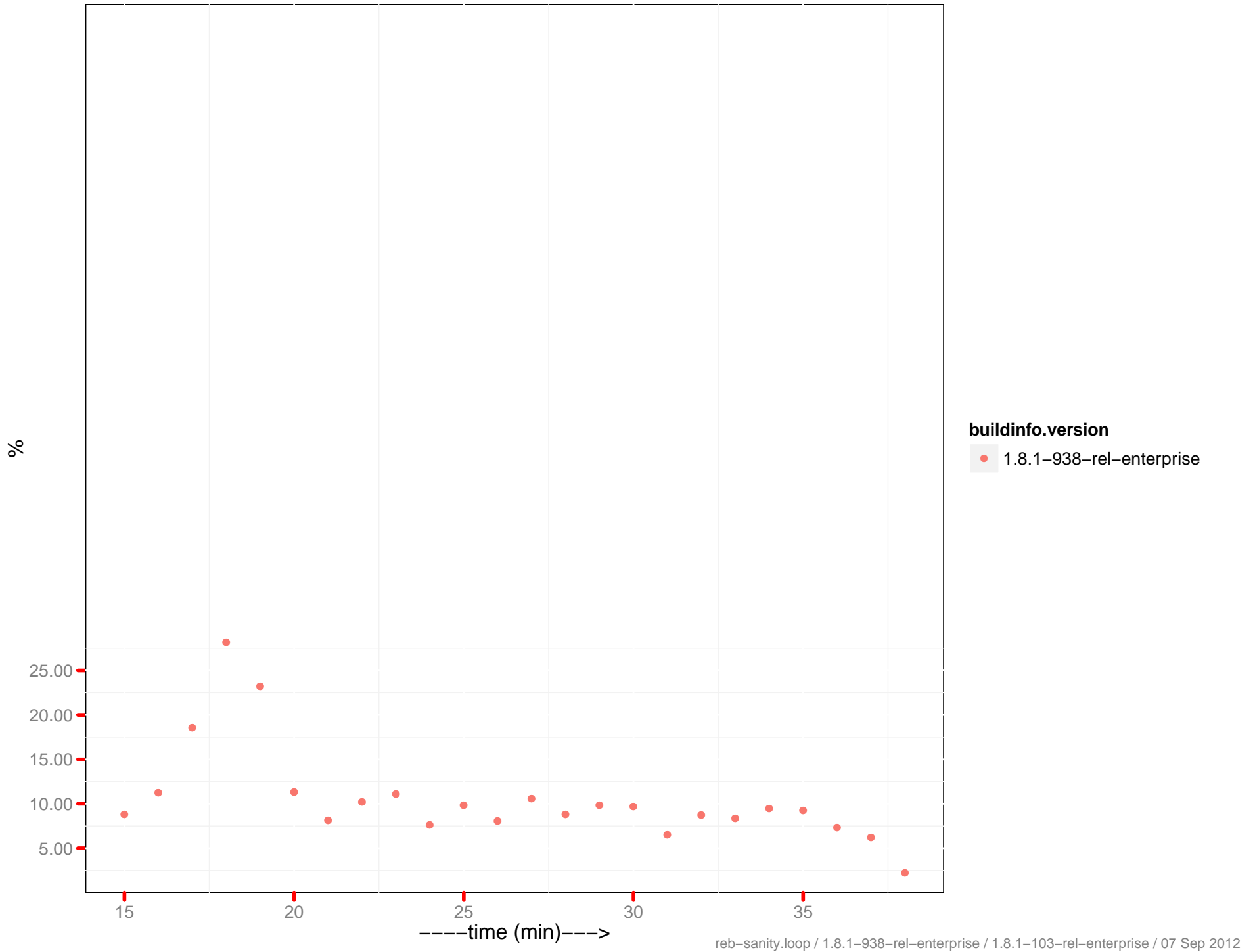
Number of connections



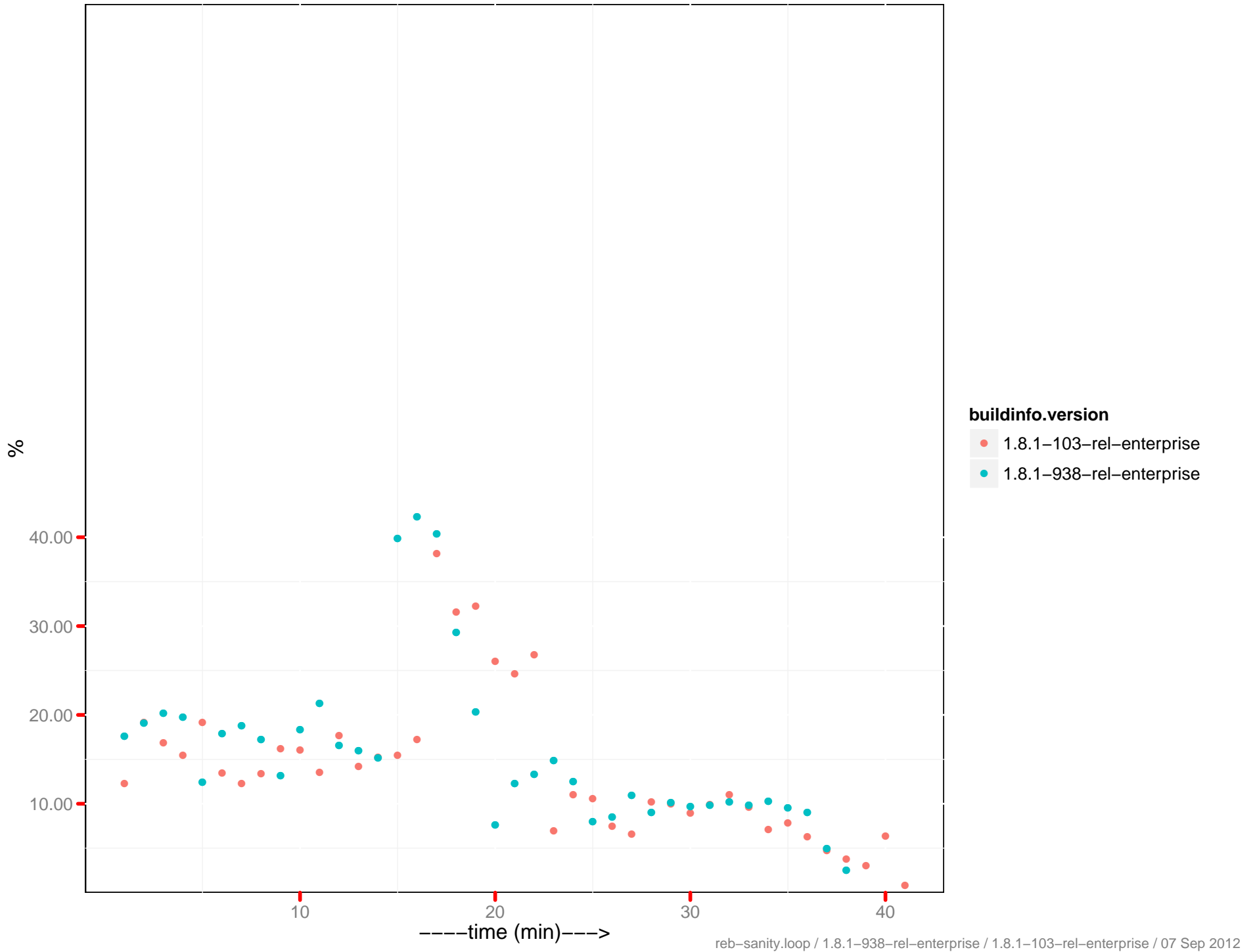
CPU utilization – 192.168.162.20:8091



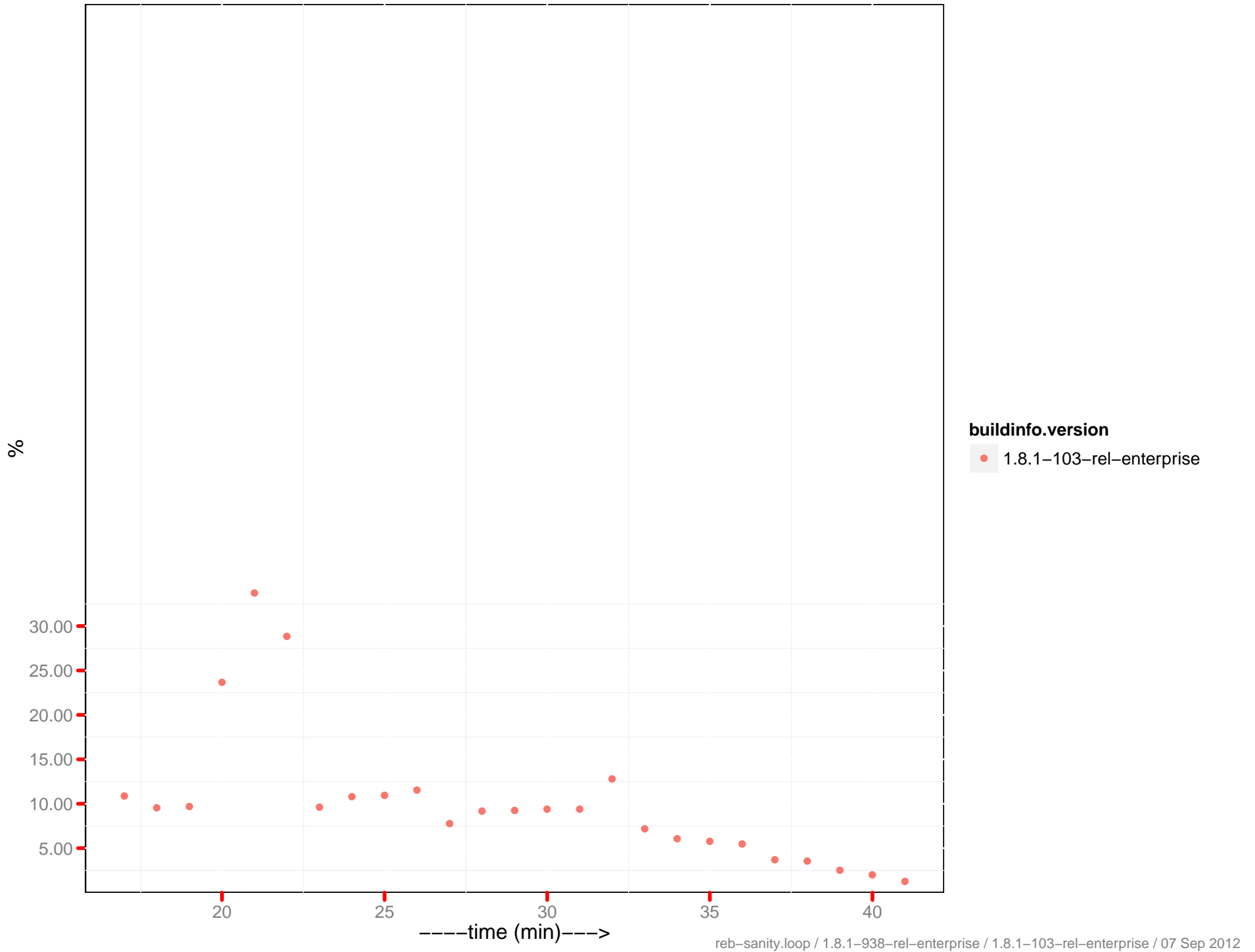
CPU utilization – 192.168.162.21:8091



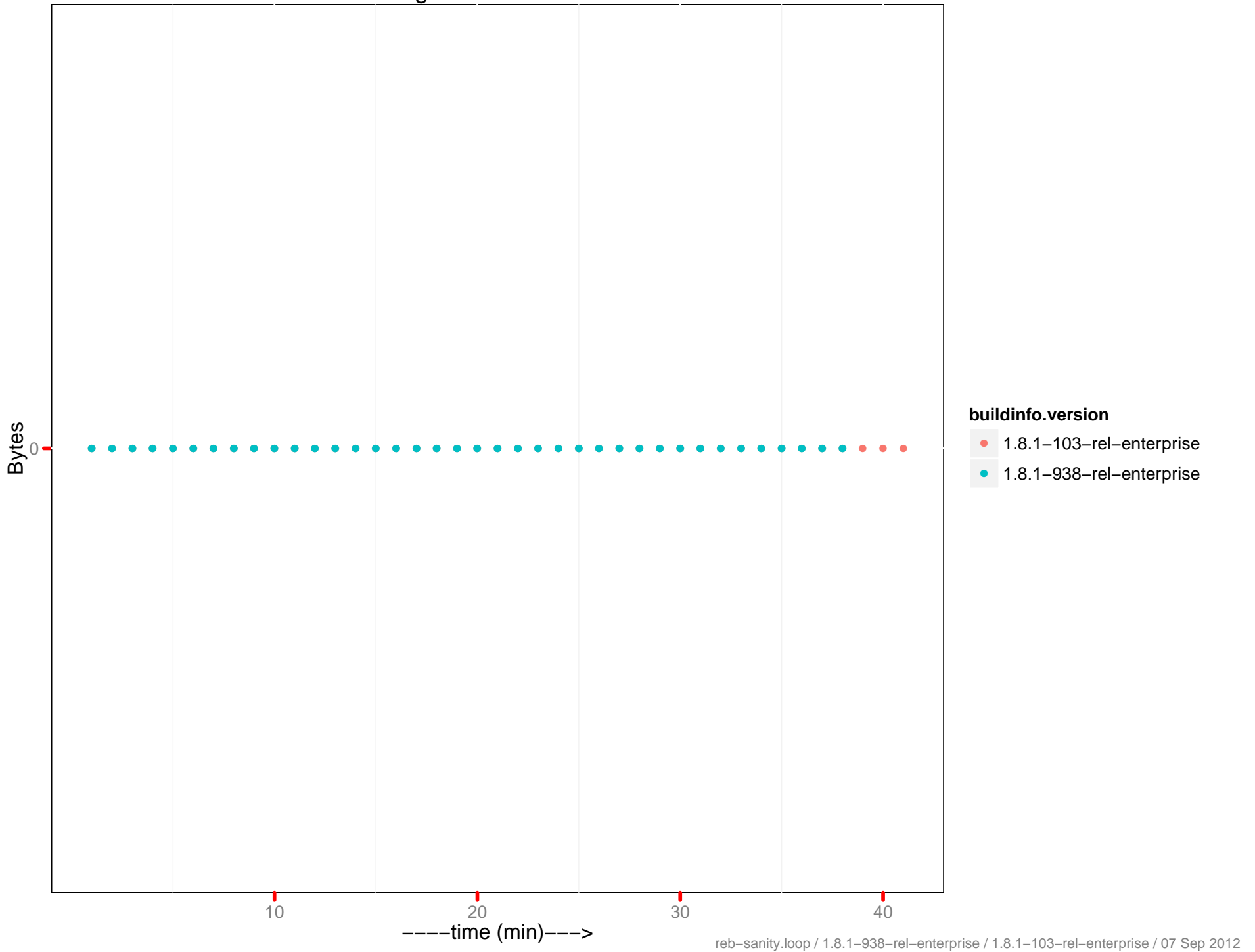
CPU utilization – 192.168.162.22:8091



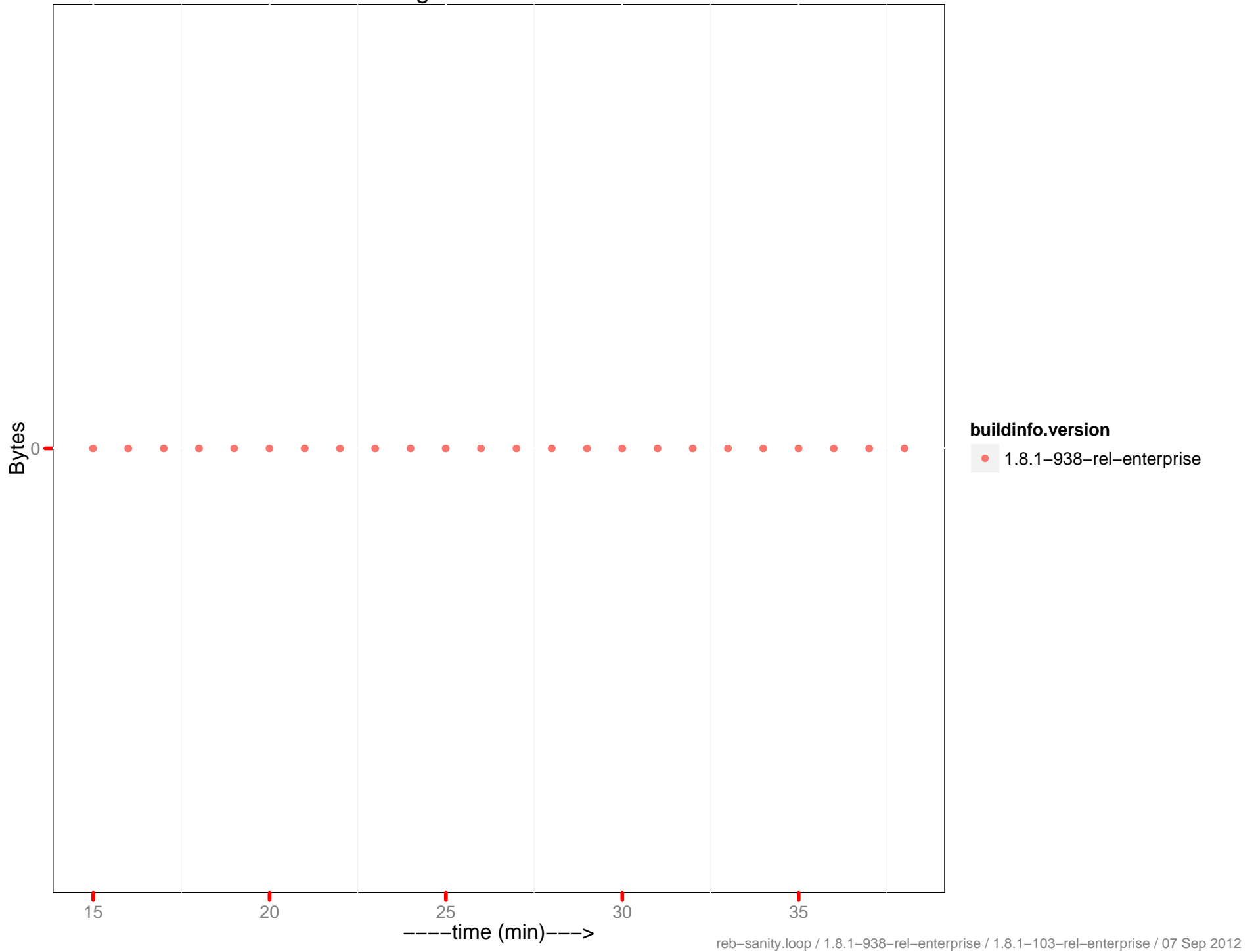
CPU utilization – 192.168.162.23:8091



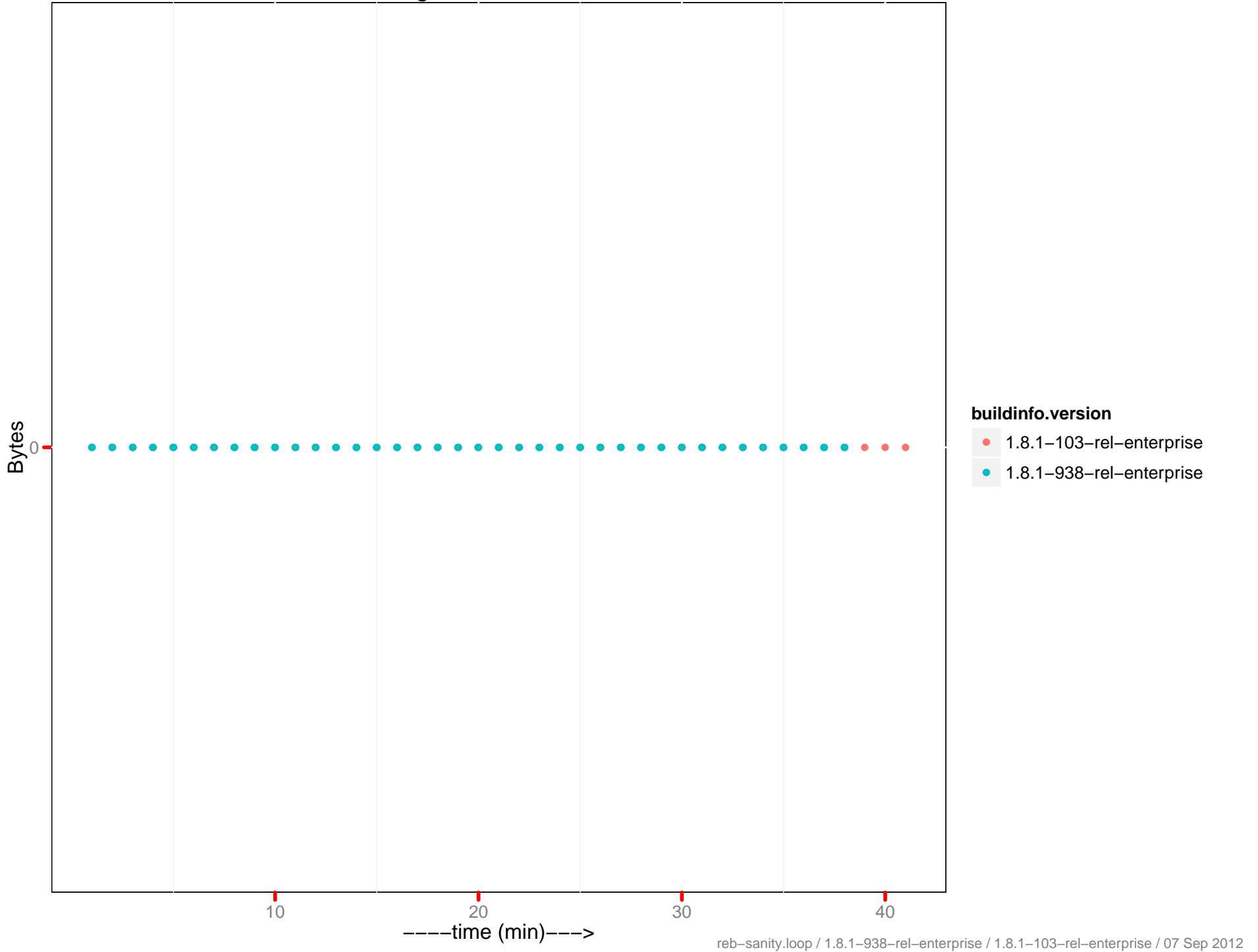
SWAP Usage – 192.168.162.20:8091



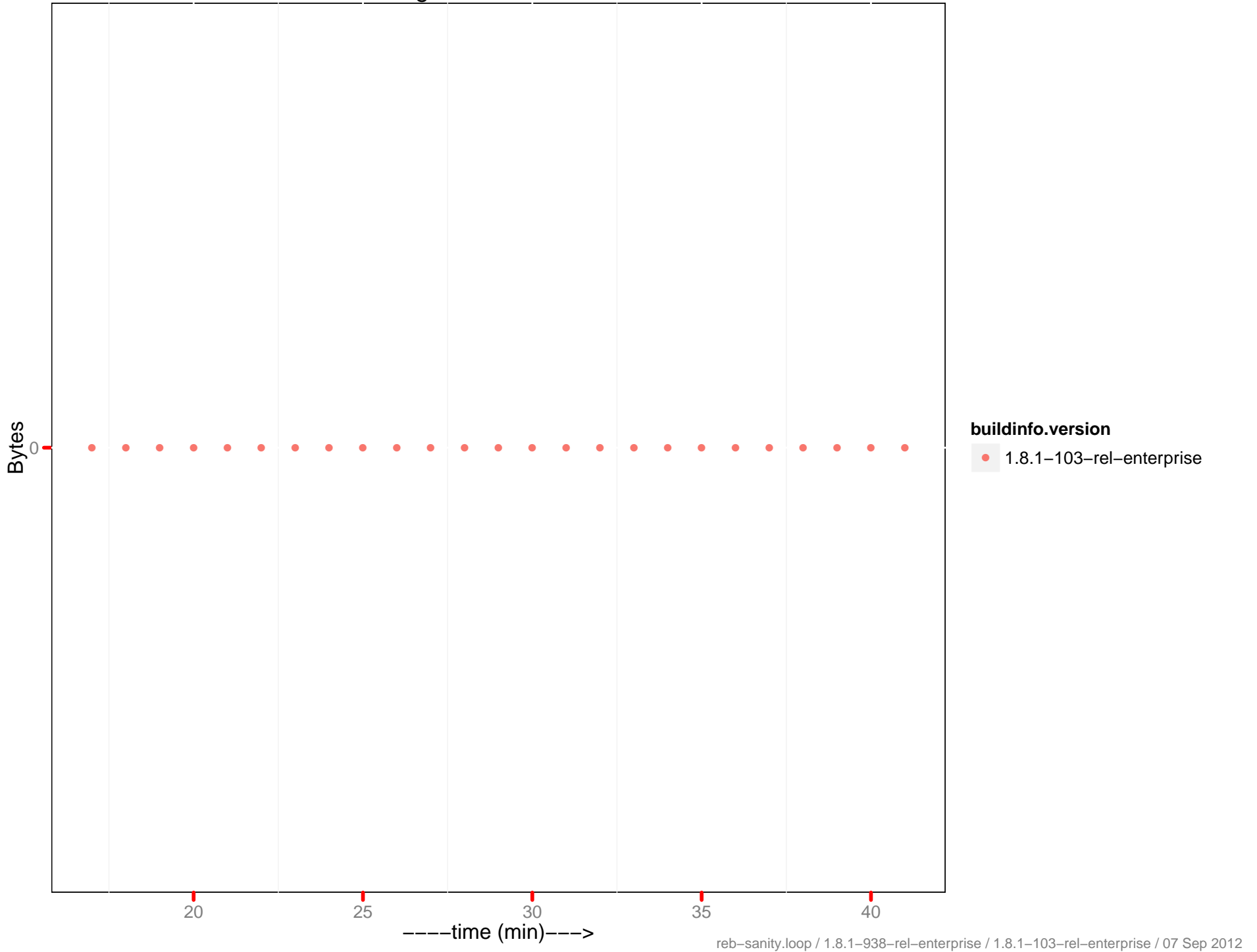
SWAP Usage – 192.168.162.21:8091



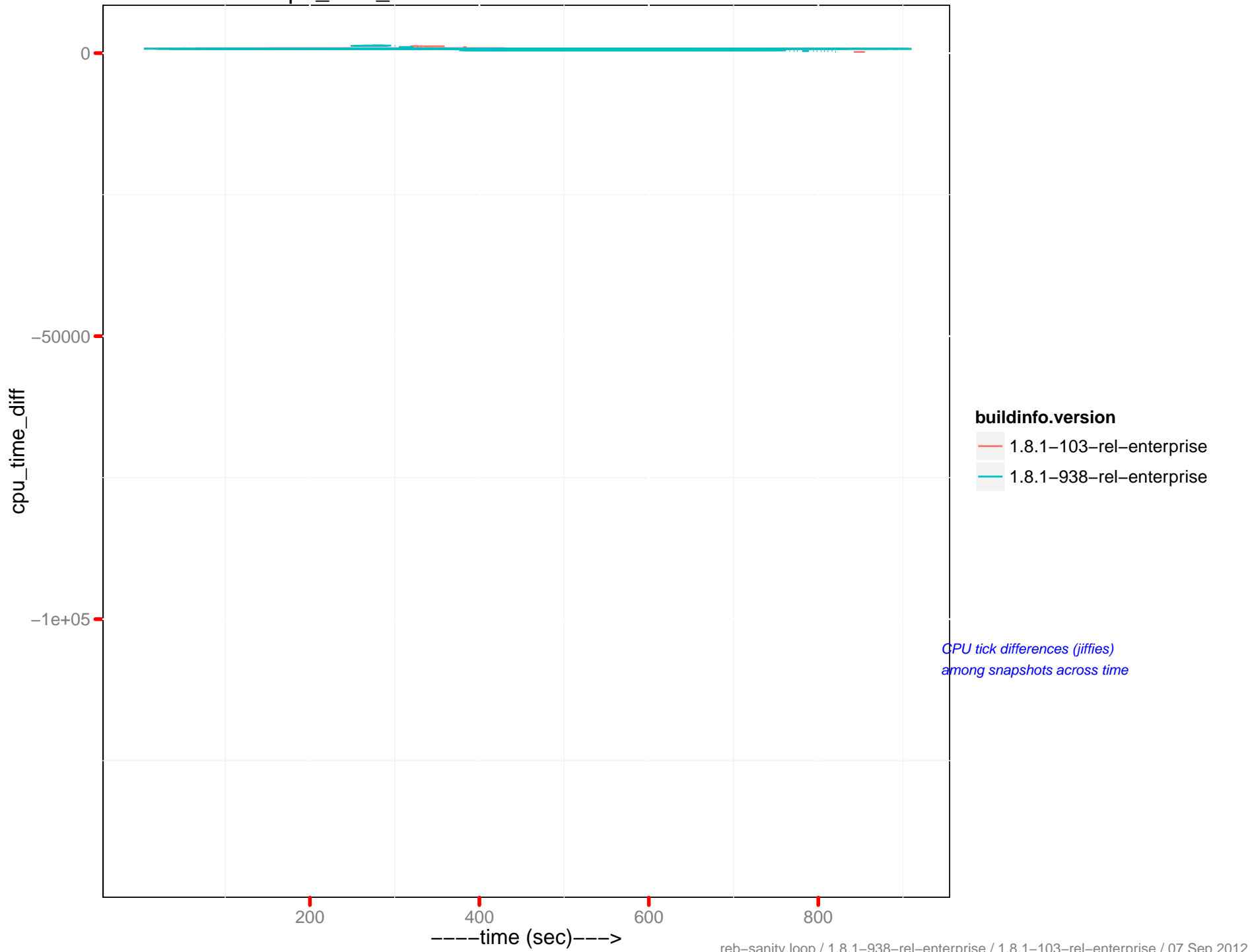
SWAP Usage – 192.168.162.22:8091



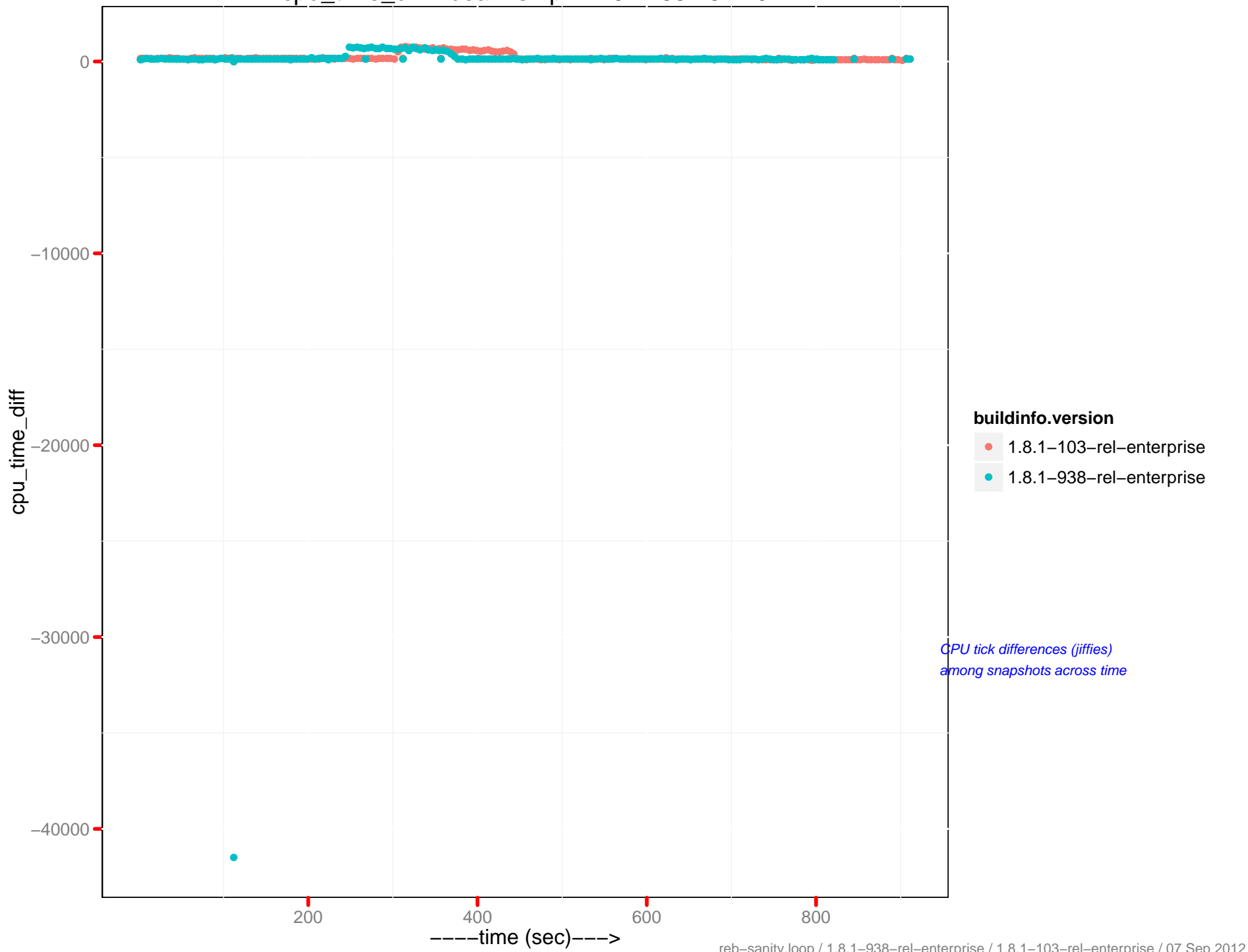
SWAP Usage – 192.168.162.23:8091



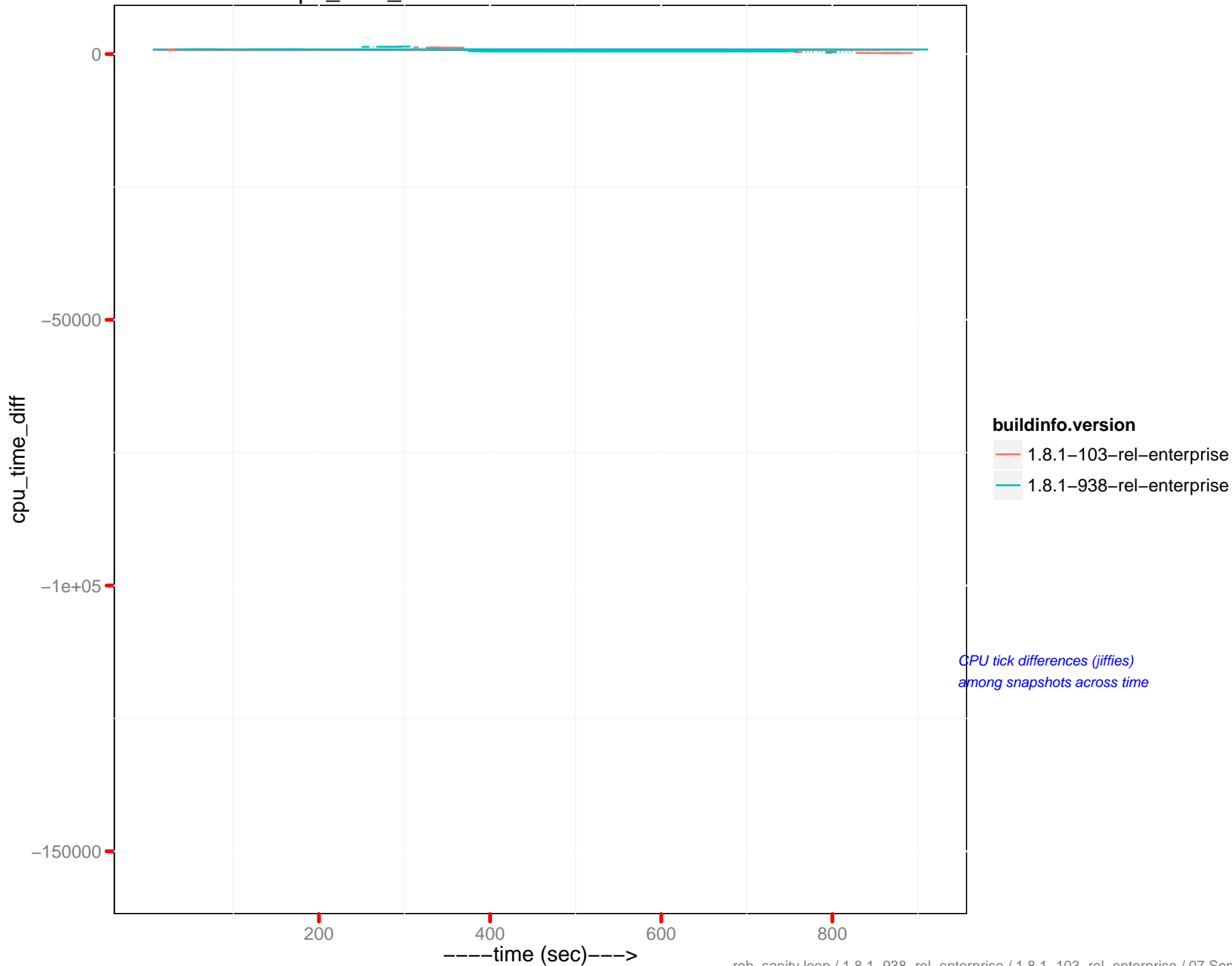
cpu_time_diff: memcached - 192.168.162.20



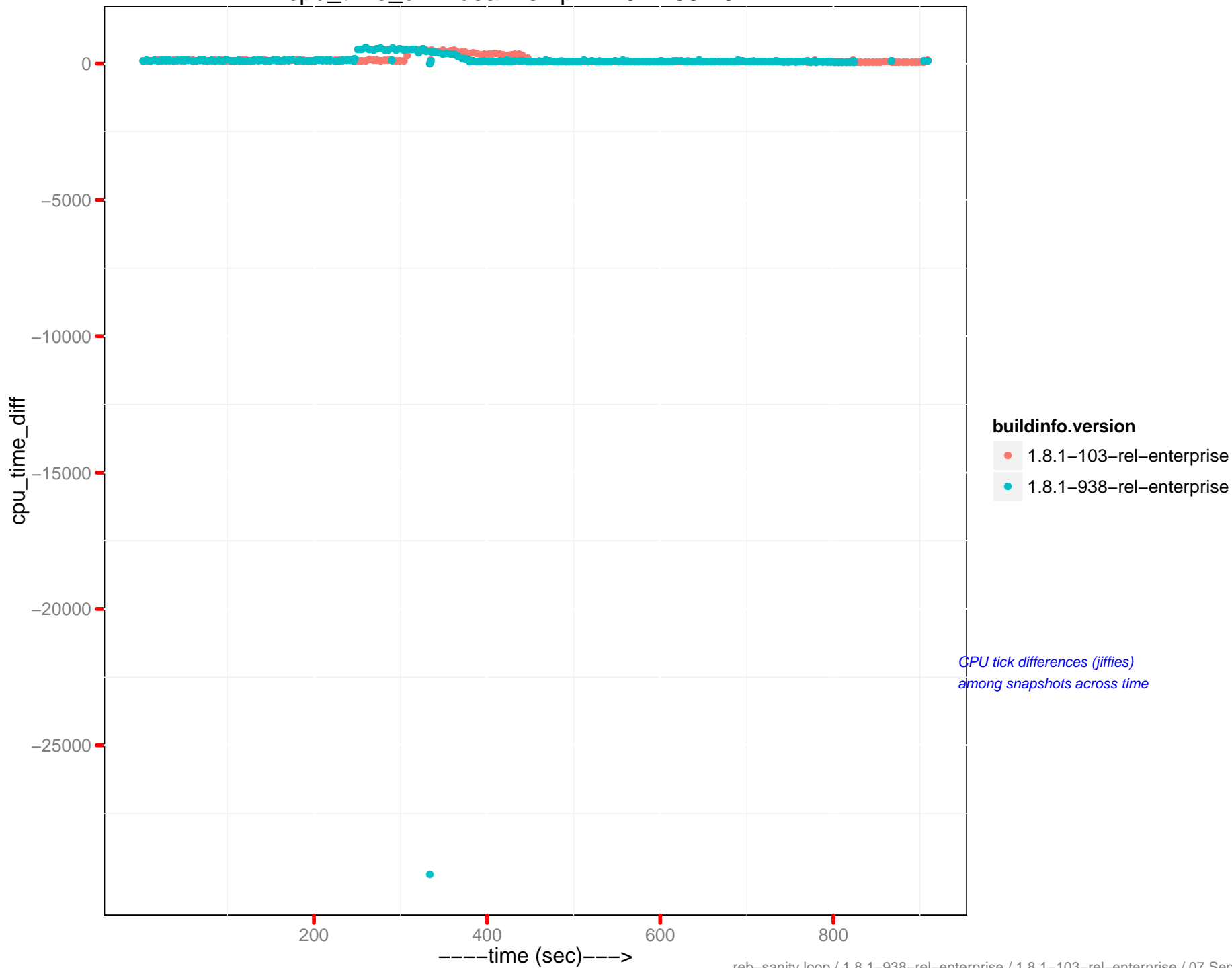
cpu_time_diff : beam.smp - 192.168.162.20



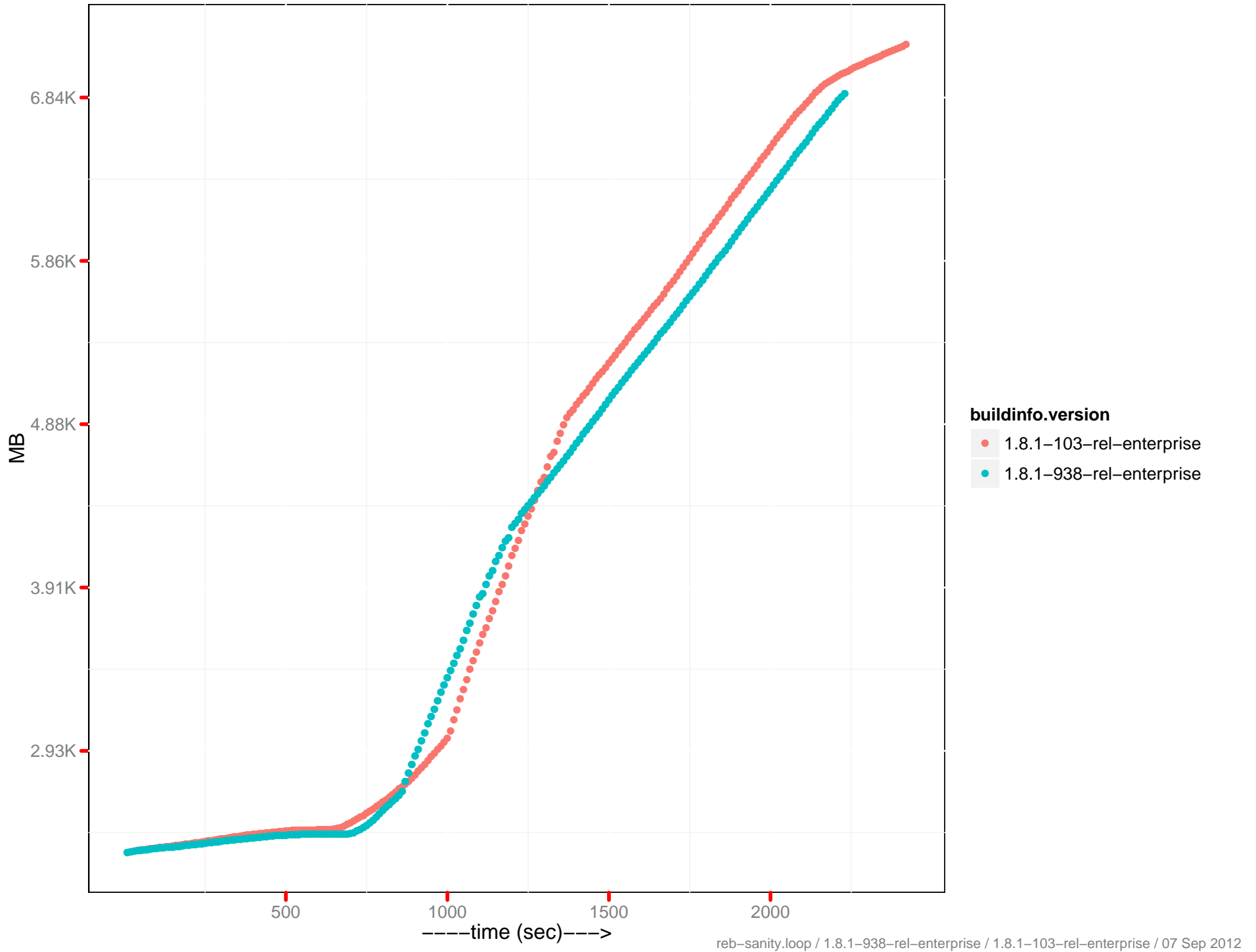
cpu_time_diff: memcached - 192.168.162.22



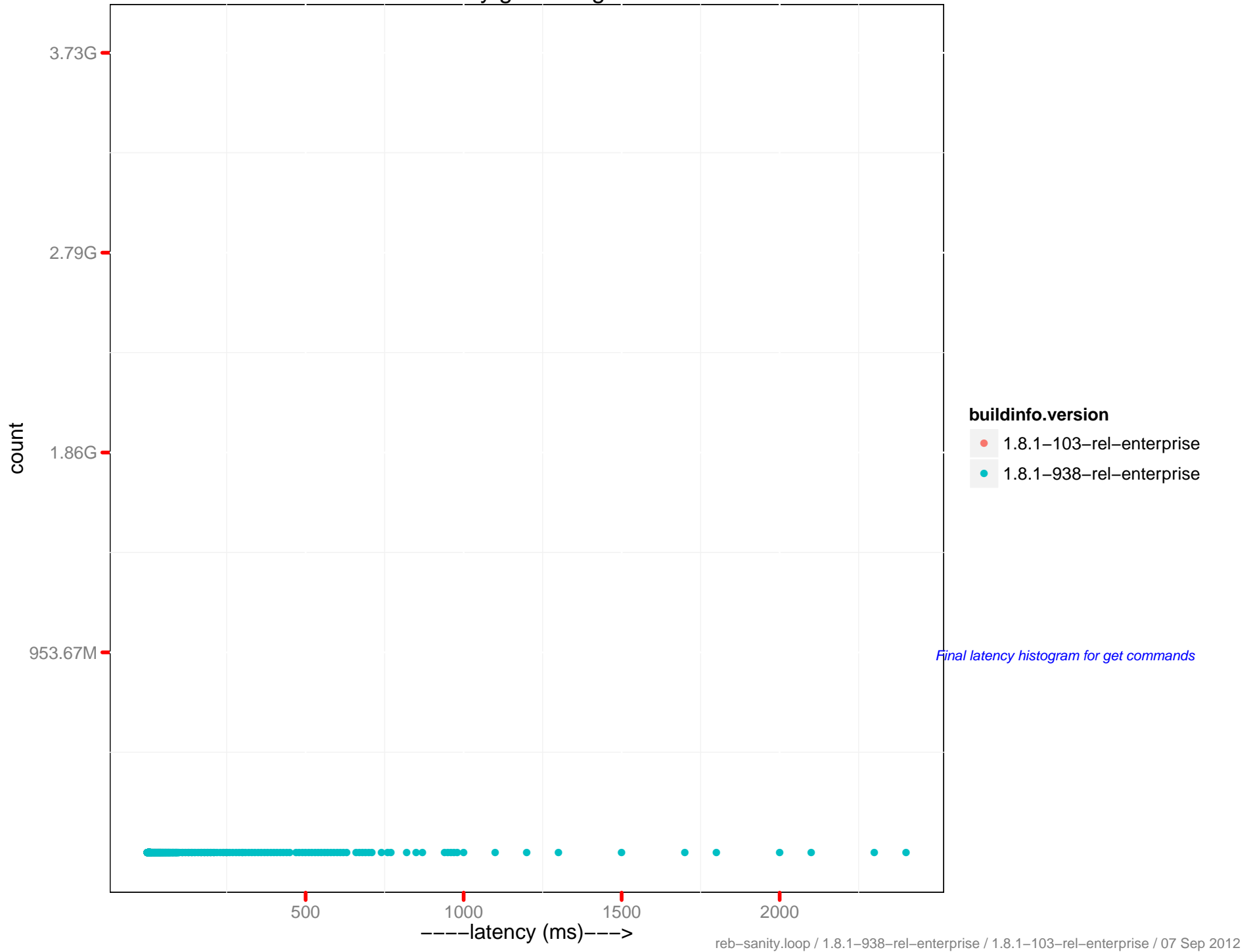
cpu_time_diff : beam.smp - 192.168.162.22



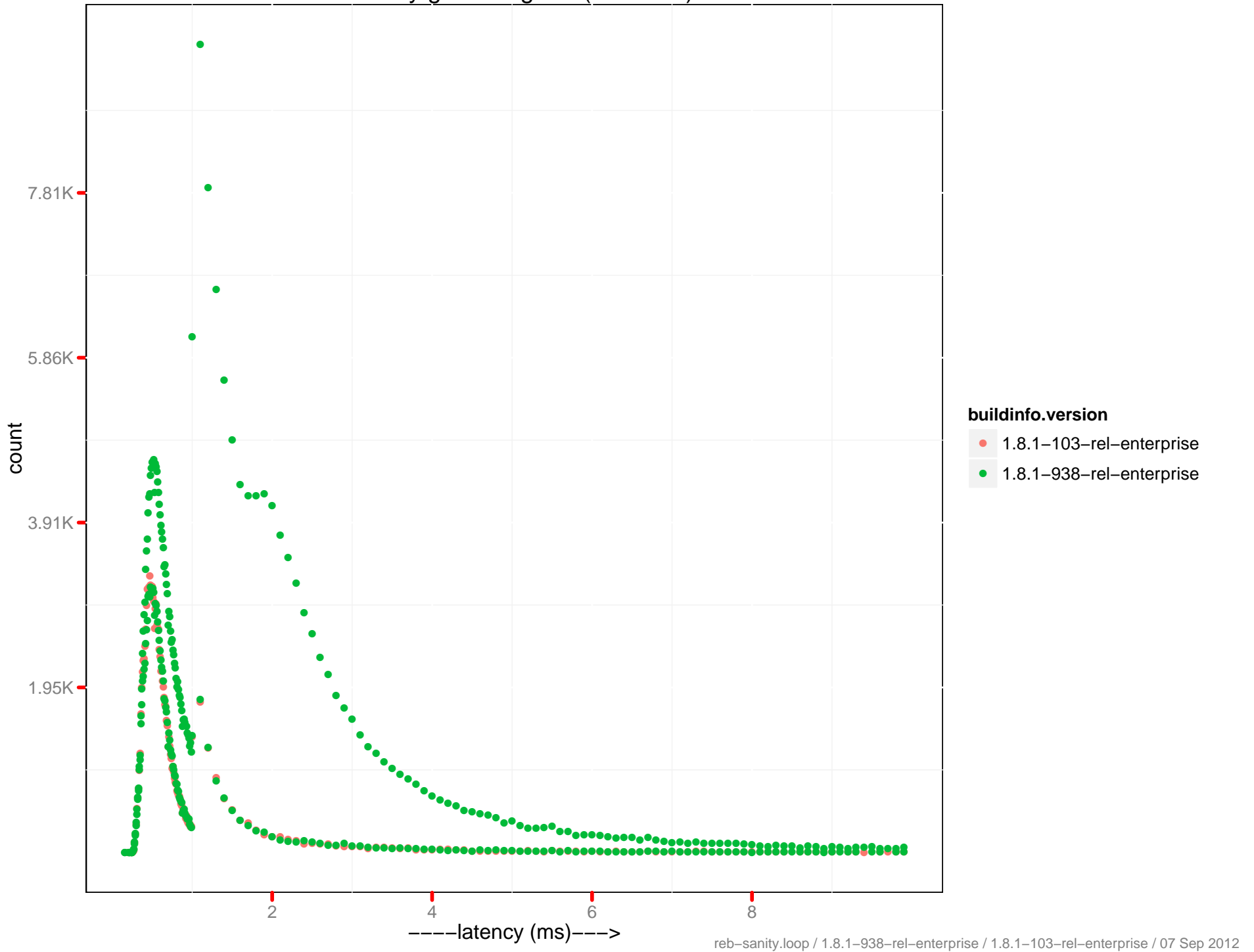
Data disk size



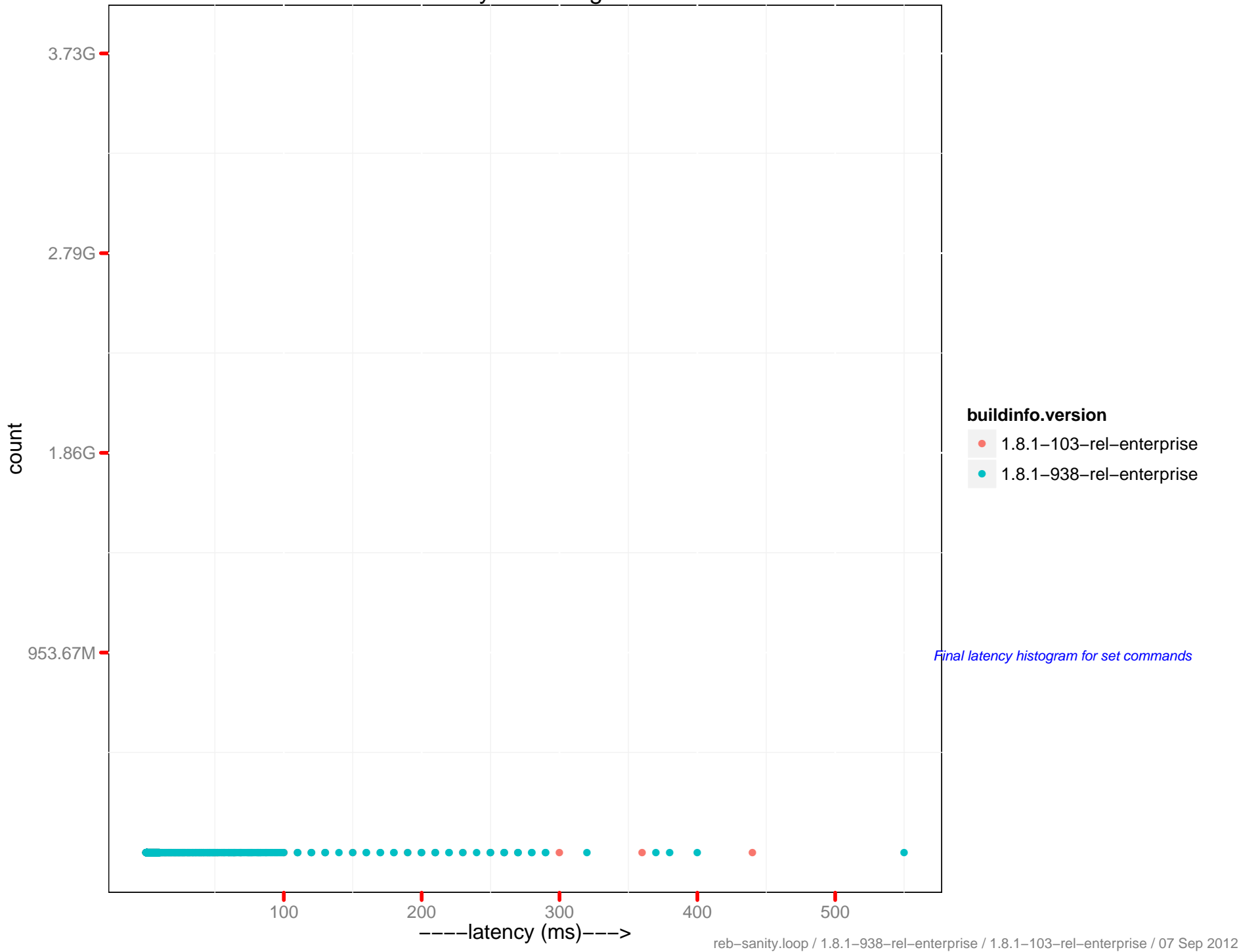
Latency get histogram



Latency get histogram (0-10 ms)

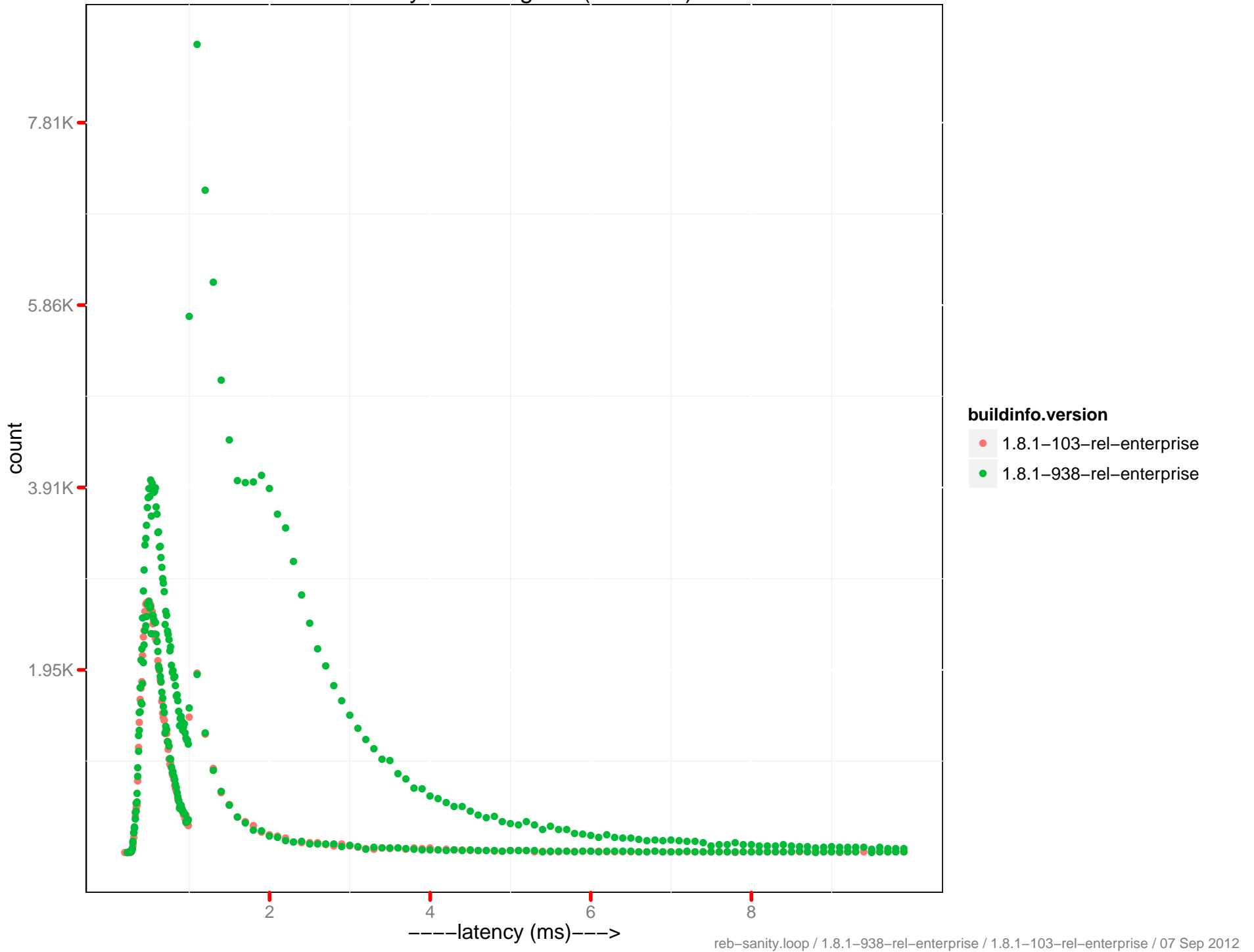


Latency set histogram

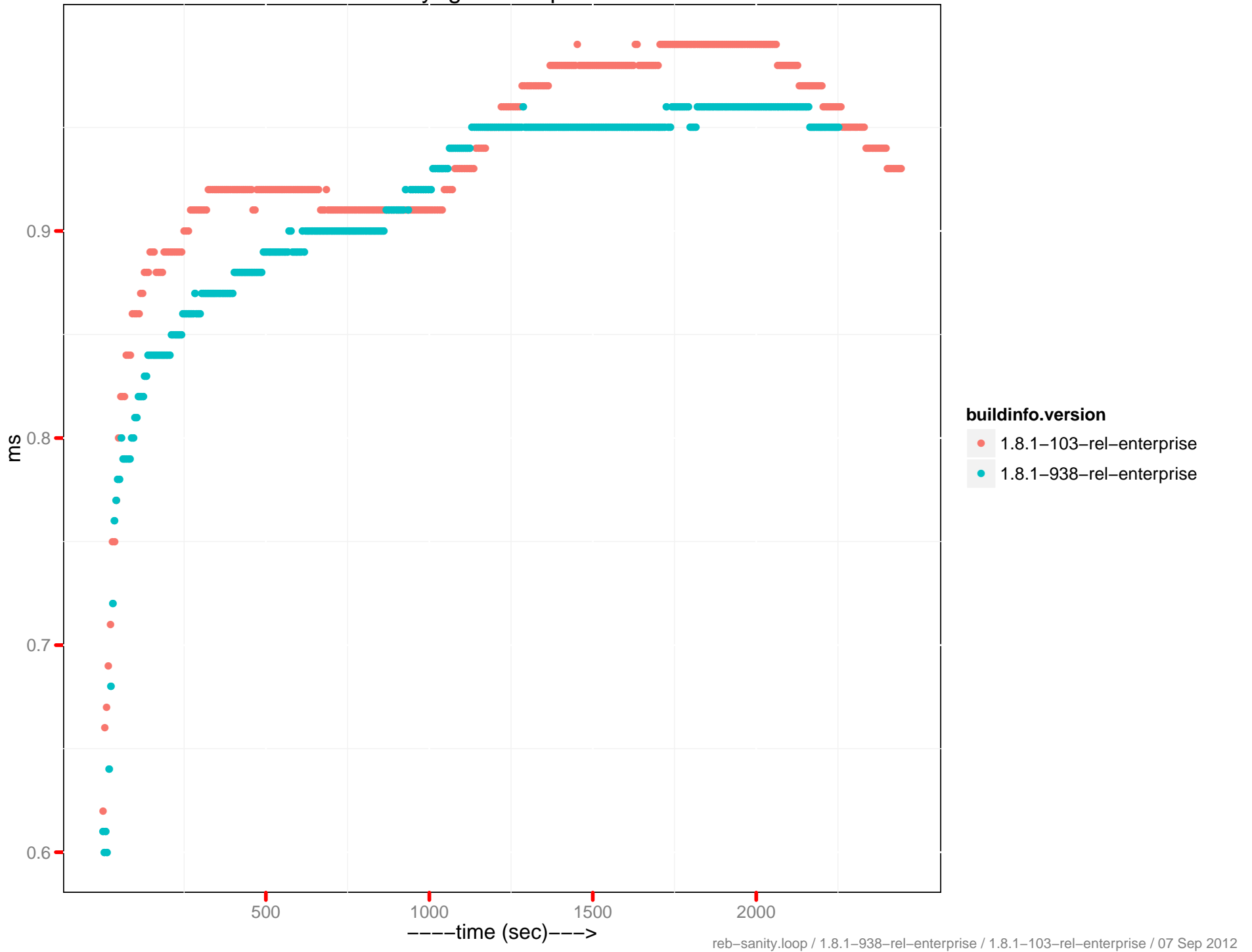


Final latency histogram for set commands

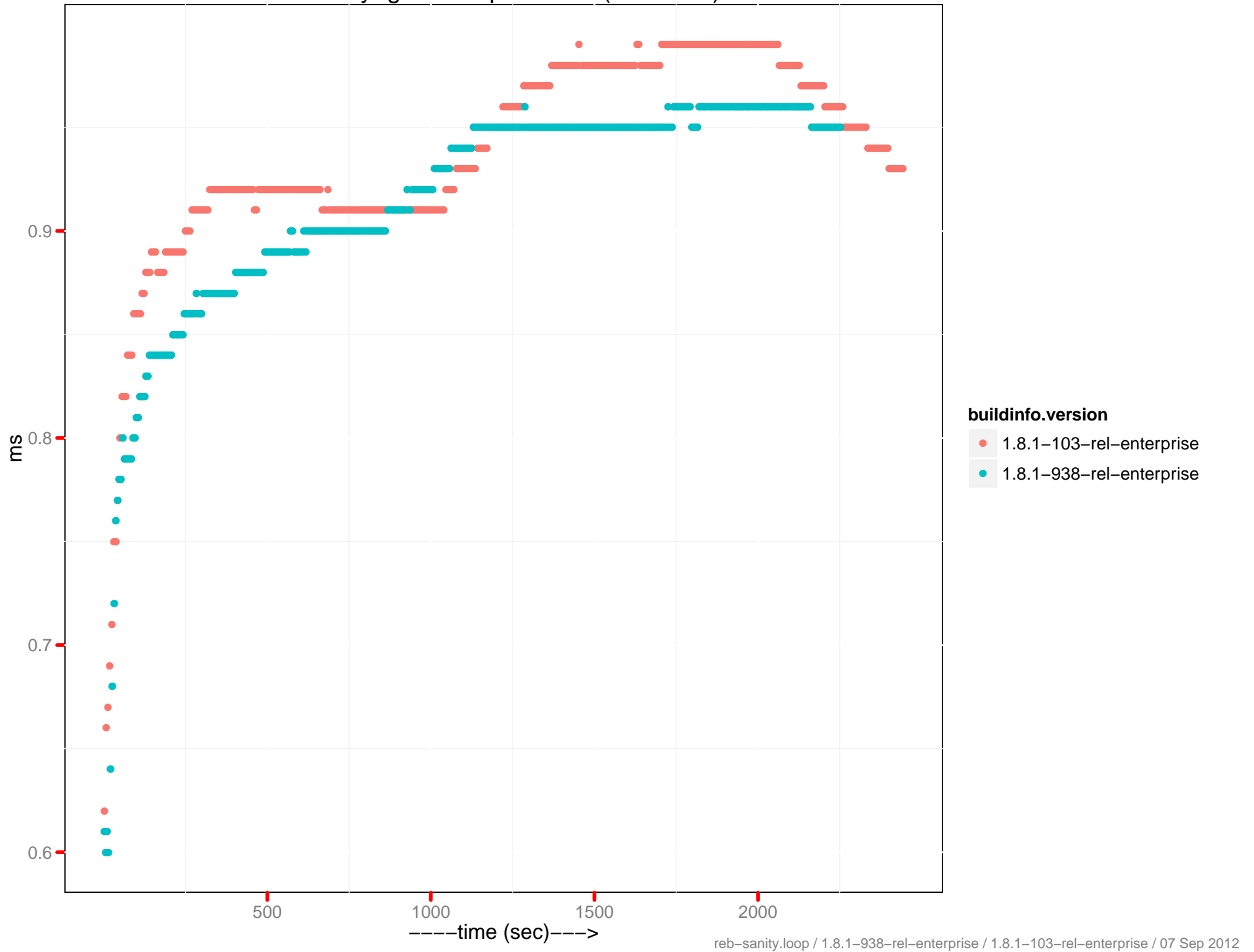
Latency set histogram (0–10 ms)



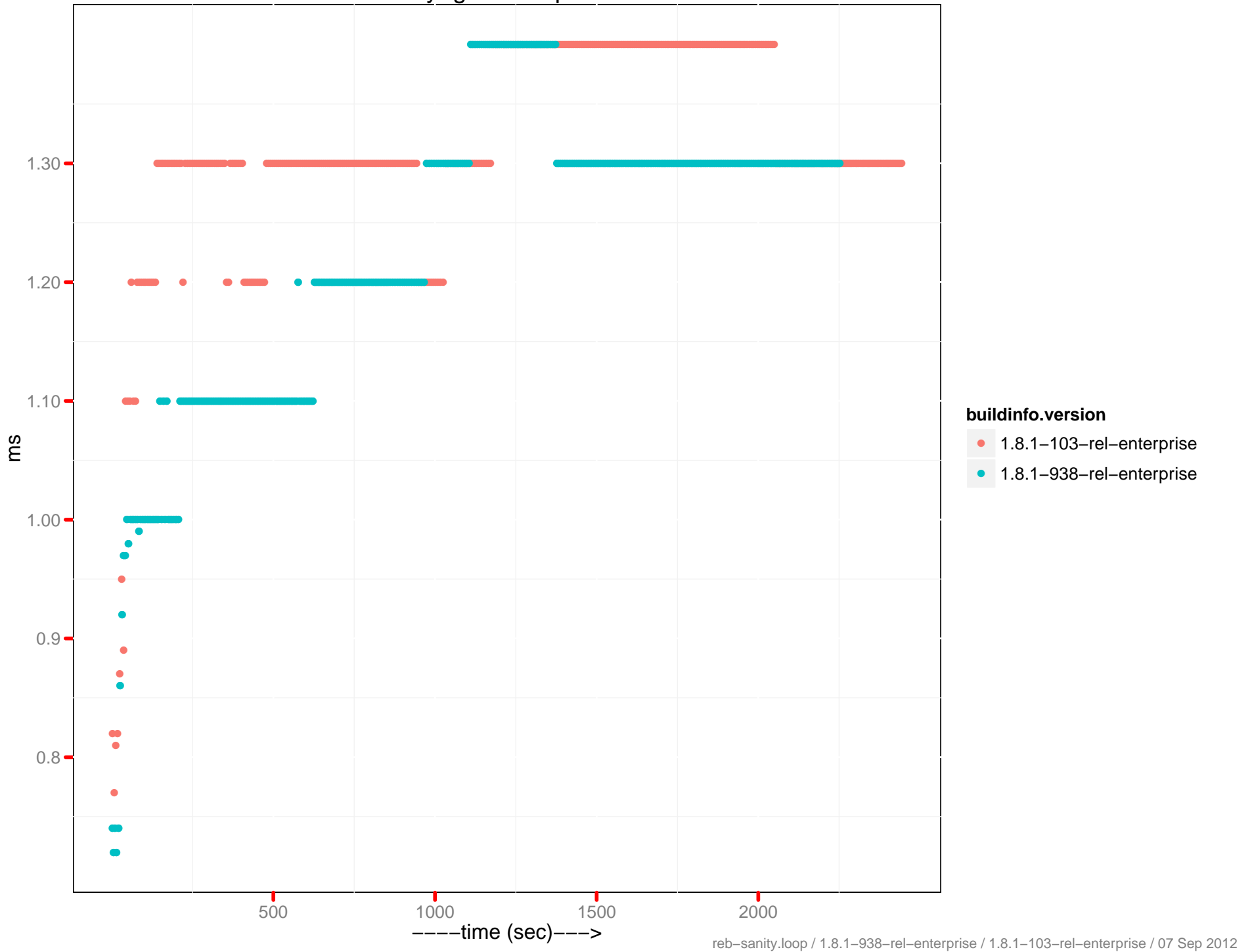
Latency-get 90th percentile



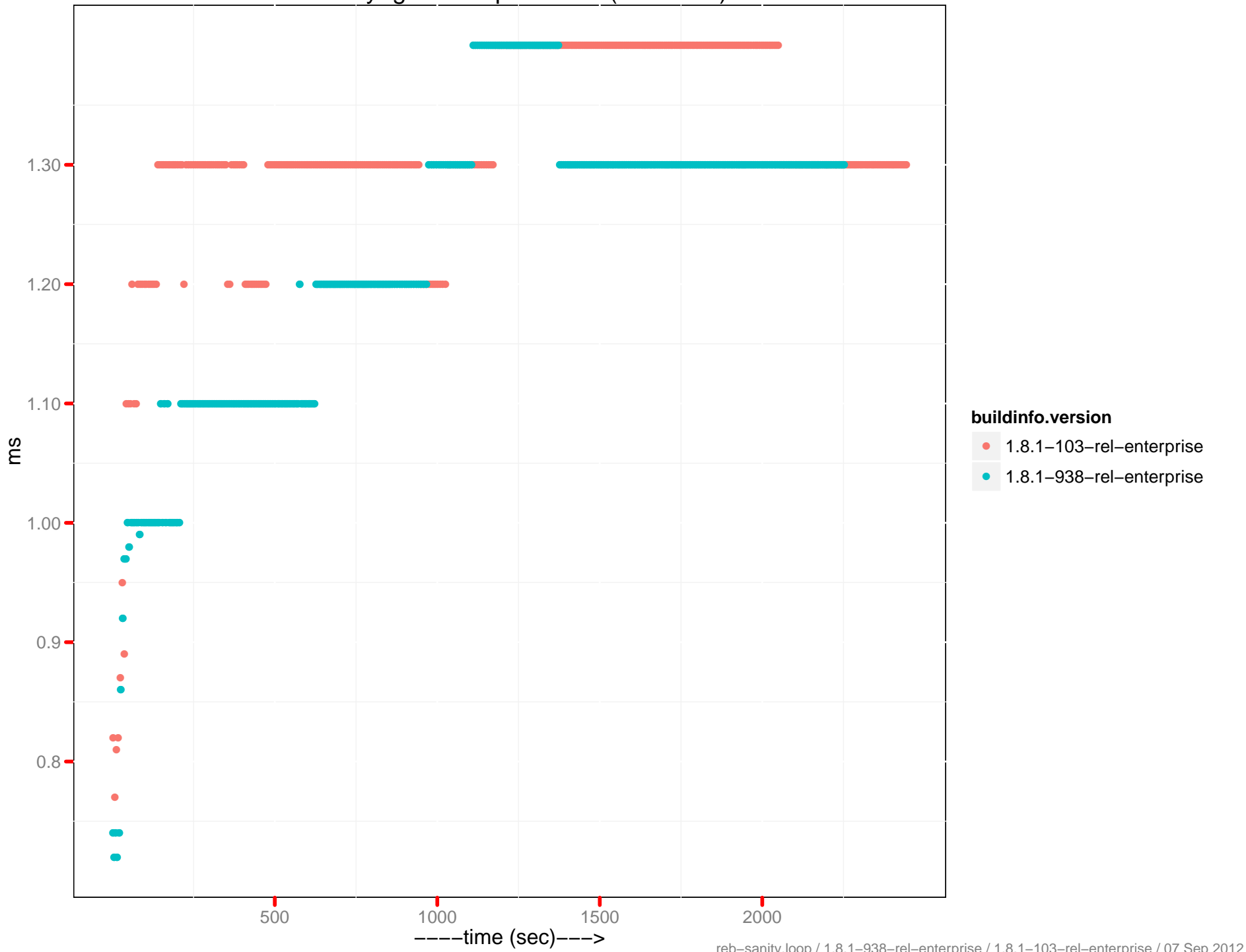
Latency-get 90th percentile (0 - 10ms)



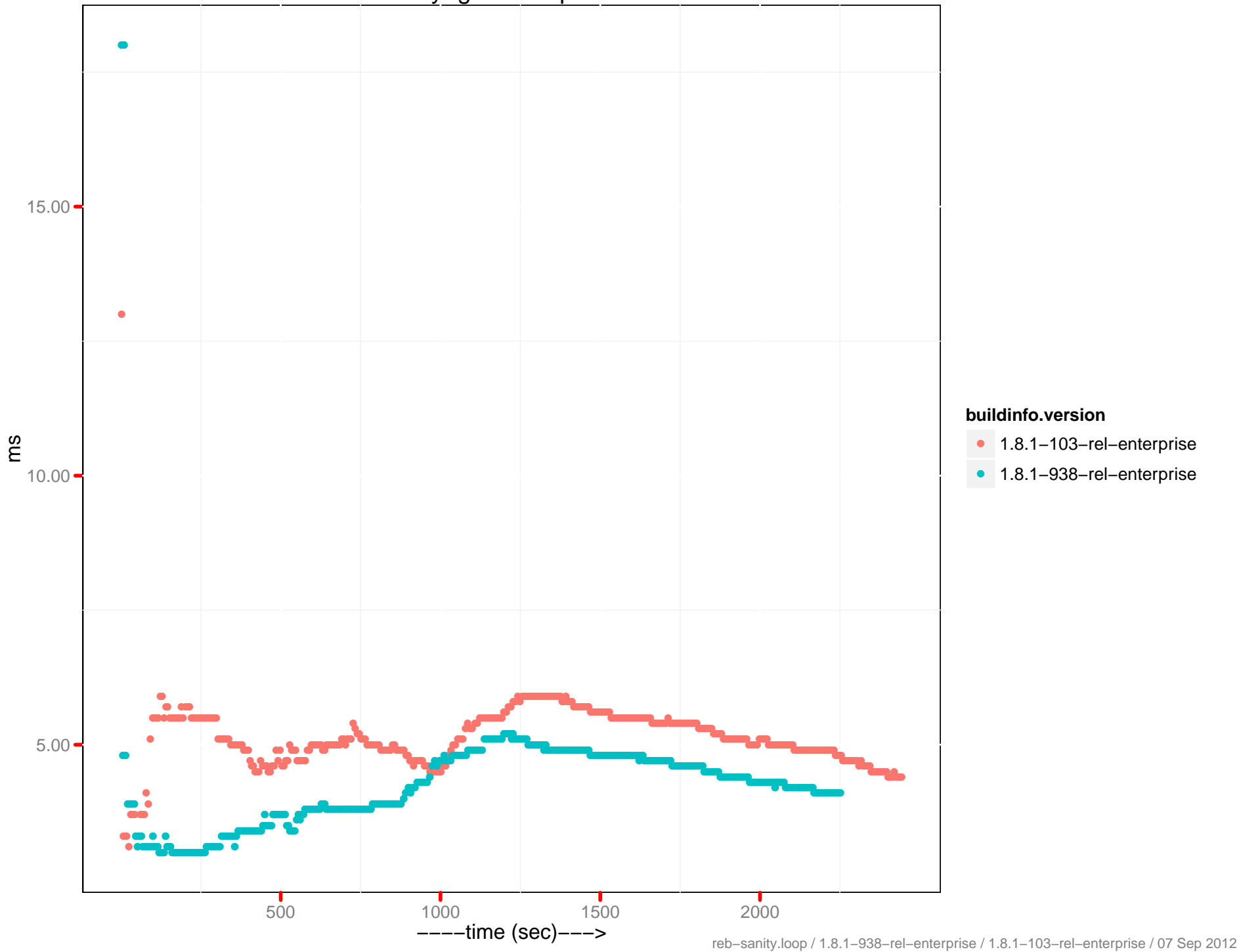
Latency-get 95th percentile



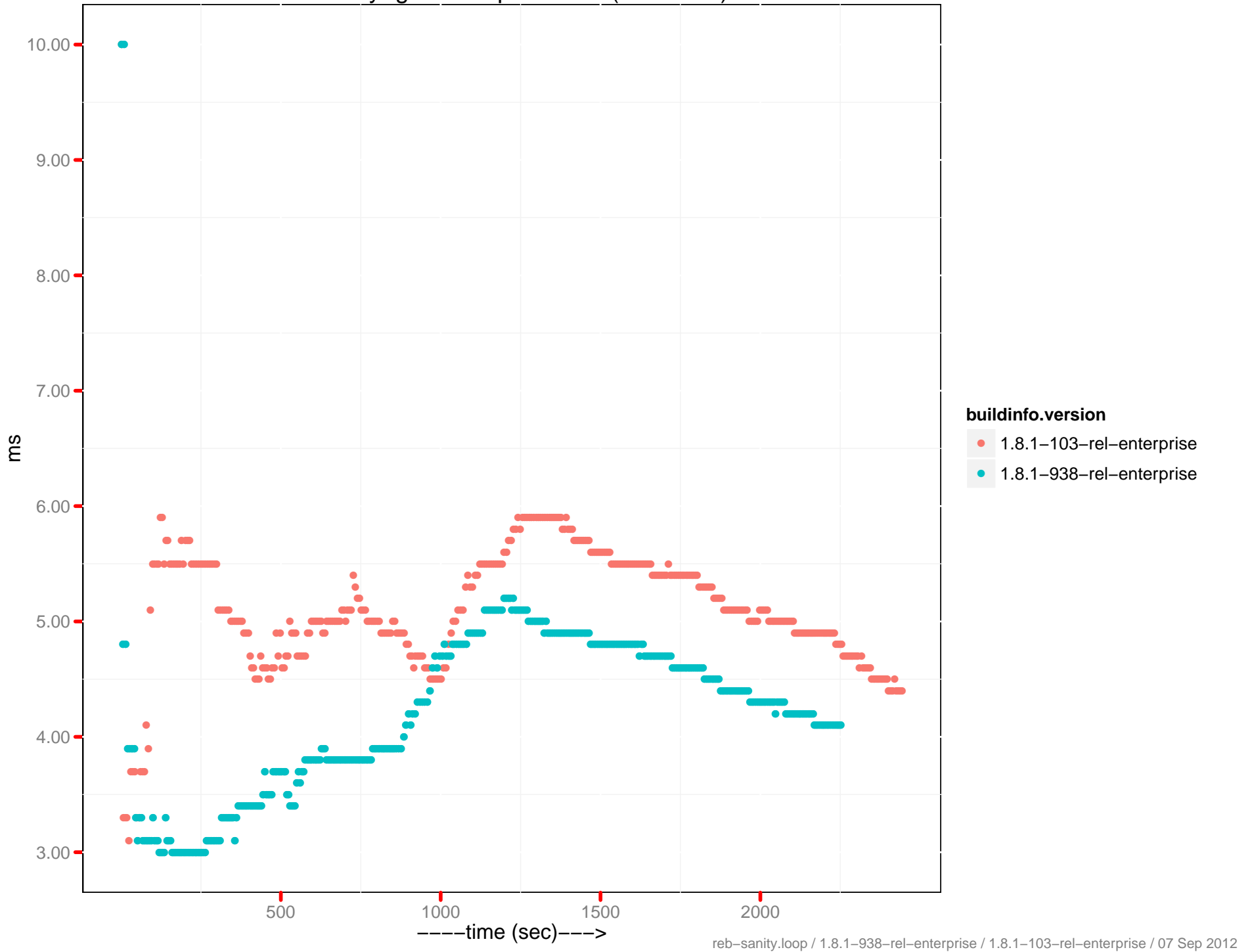
Latency-get 95th percentile (0 - 10ms)



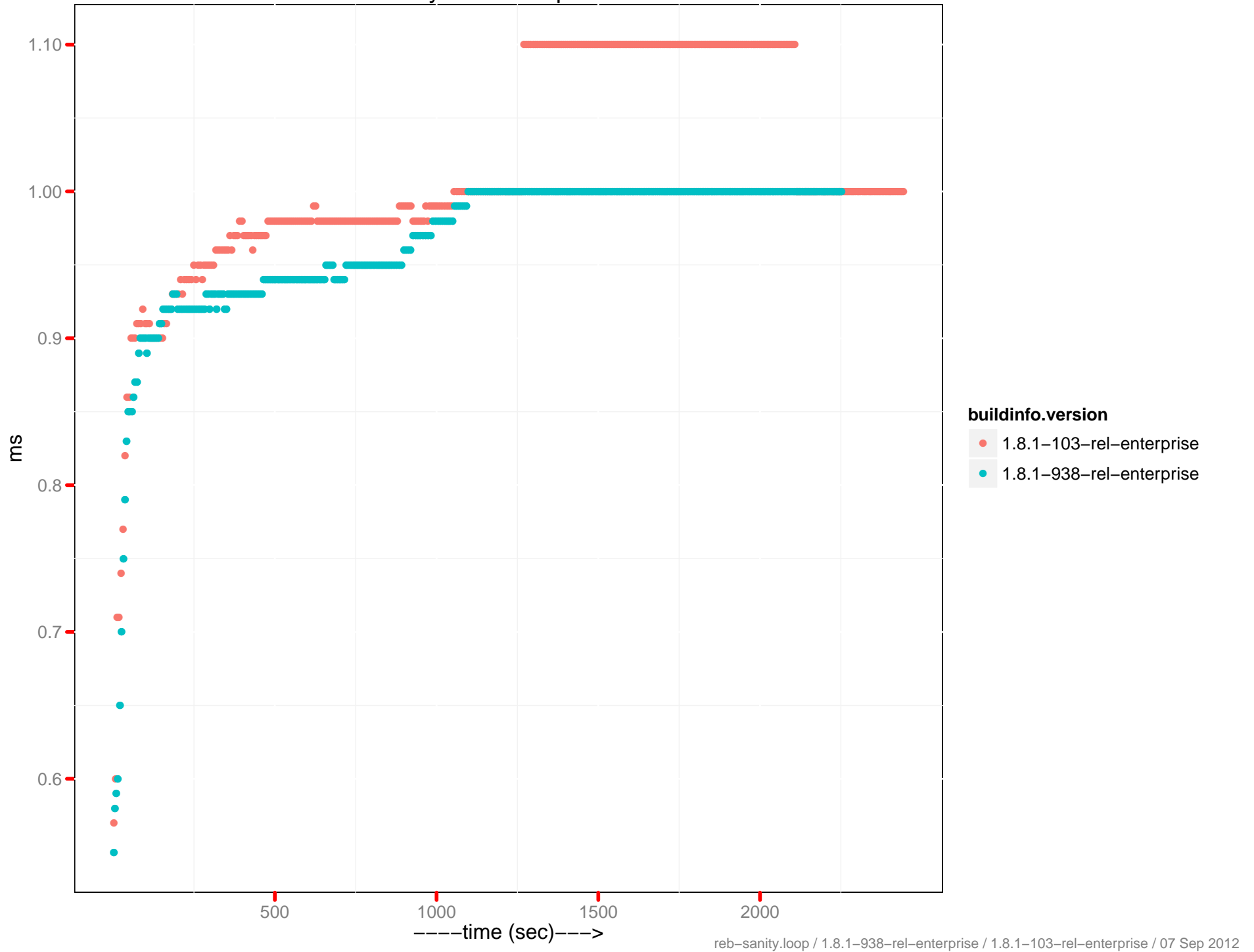
Latency-get 99th percentile



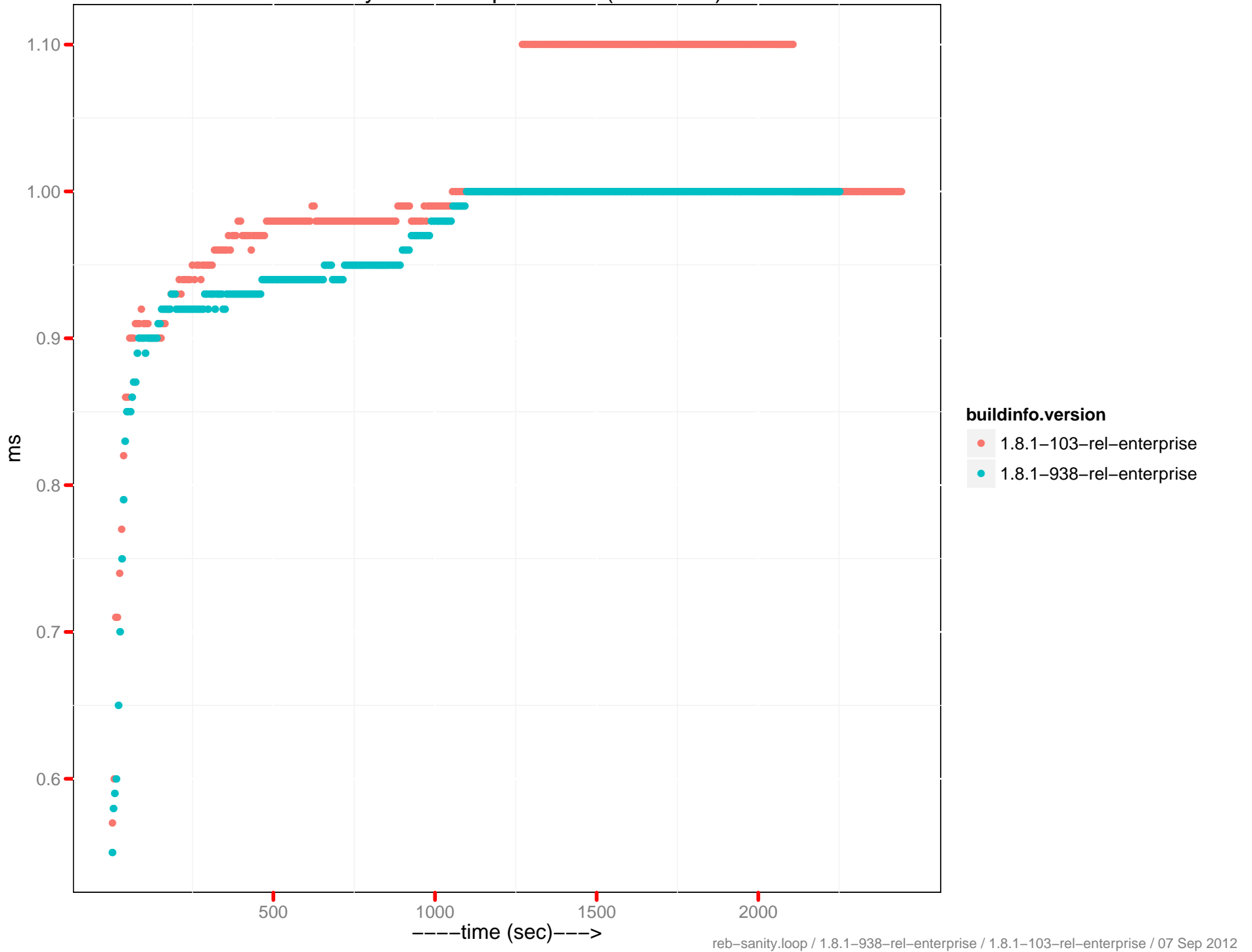
Latency-get 99th percentile (0 - 10ms)



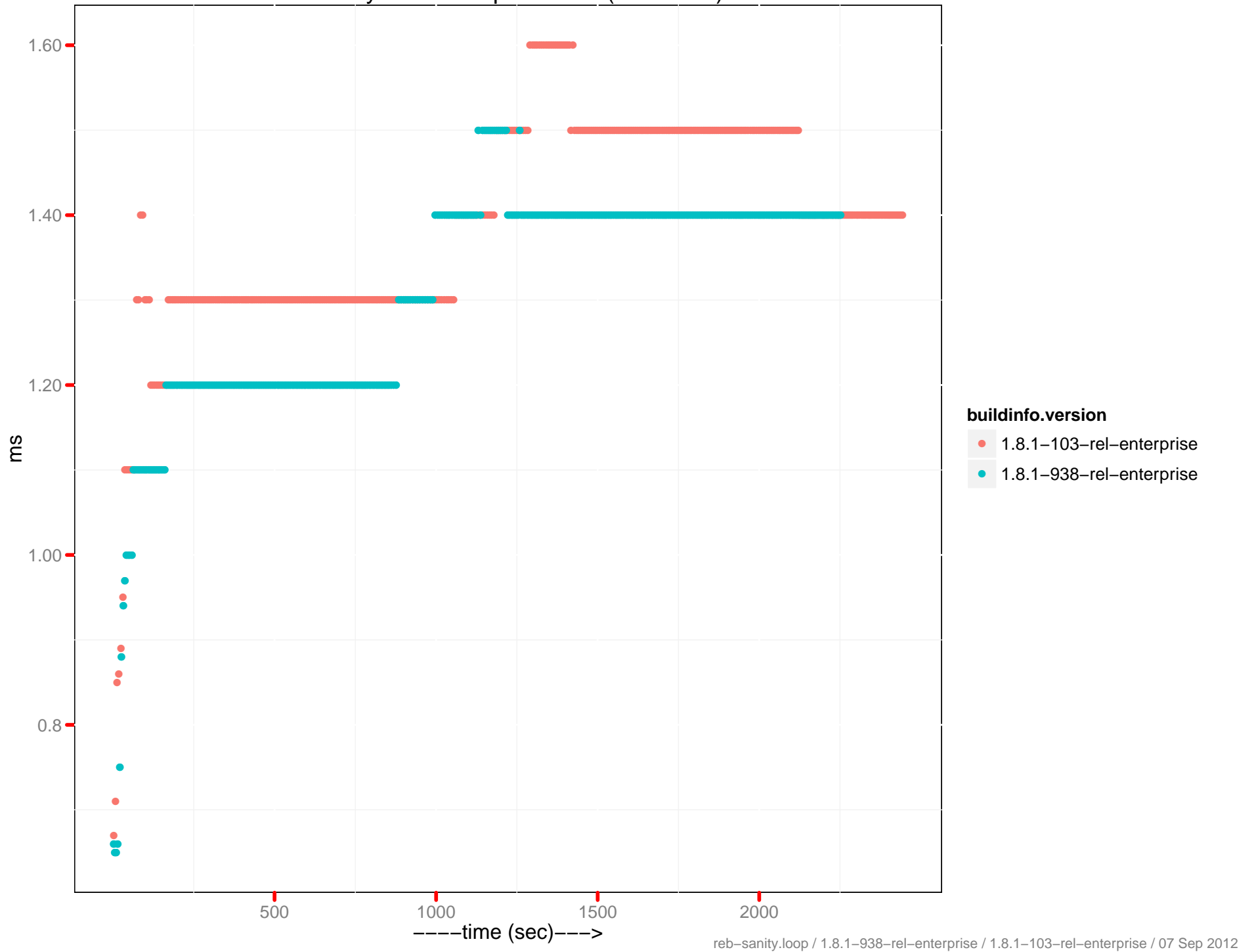
Latency-set 90th percentile



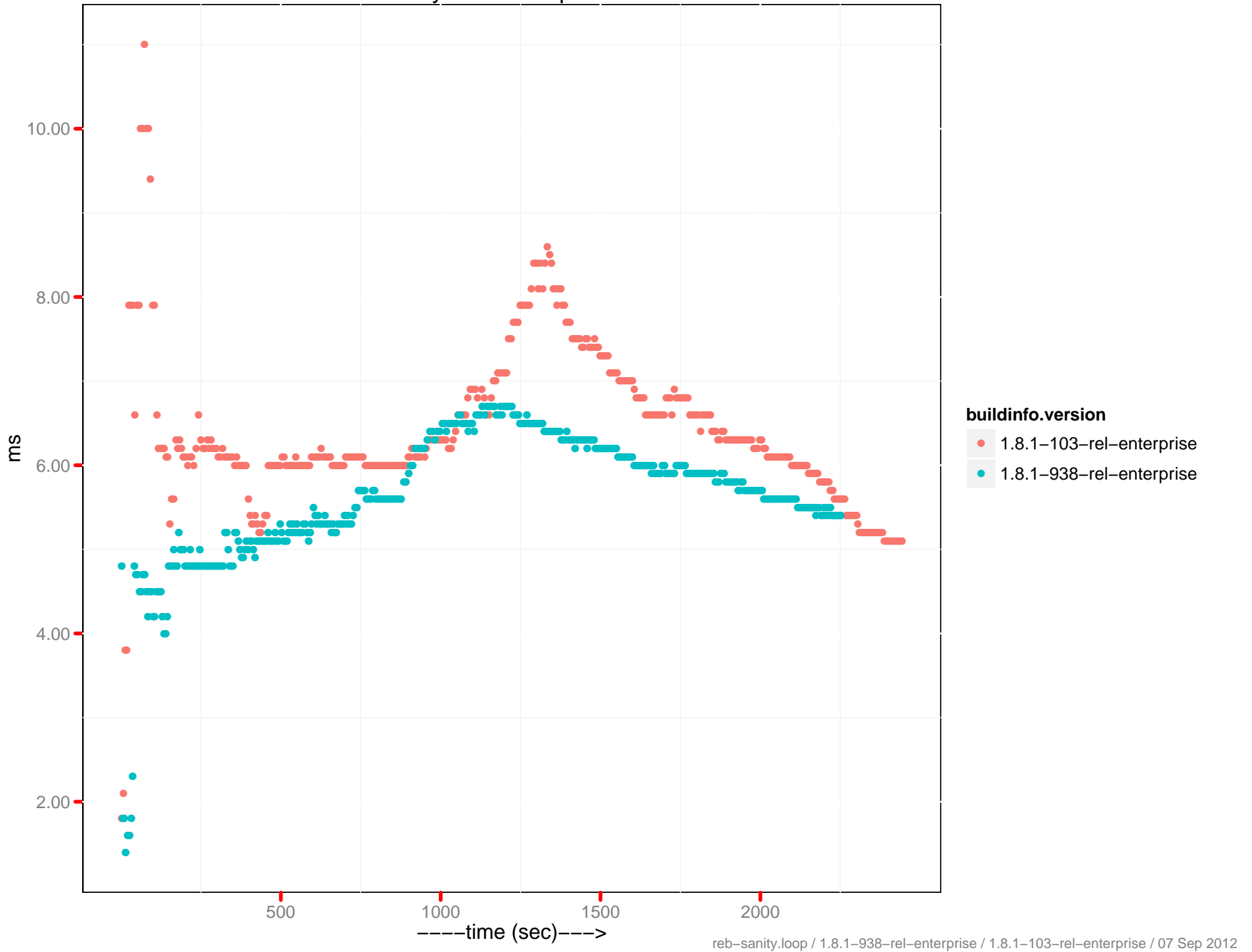
Latency-set 90th percentile (0 - 10ms)



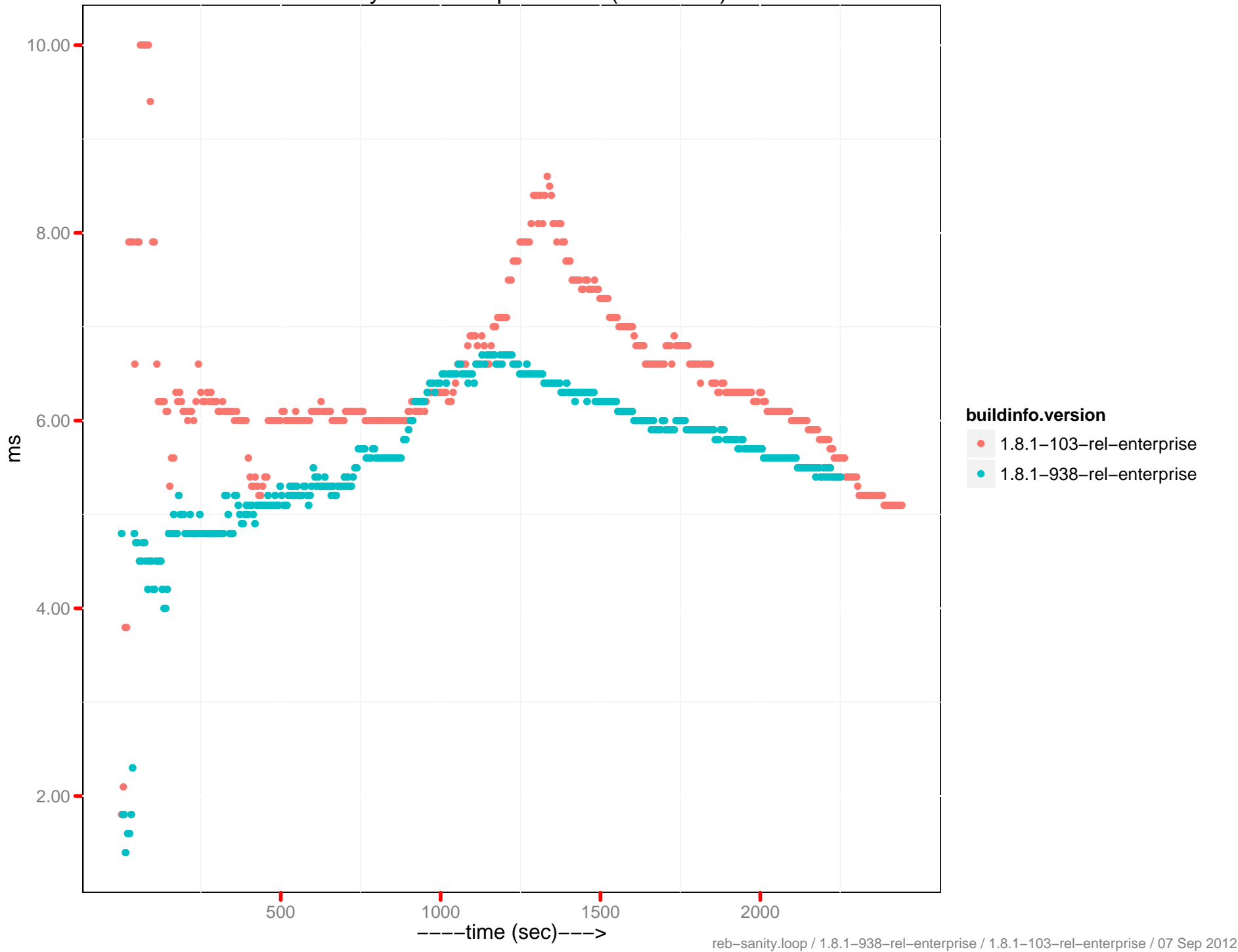
Latency-set 95th percentile (0 - 10ms)



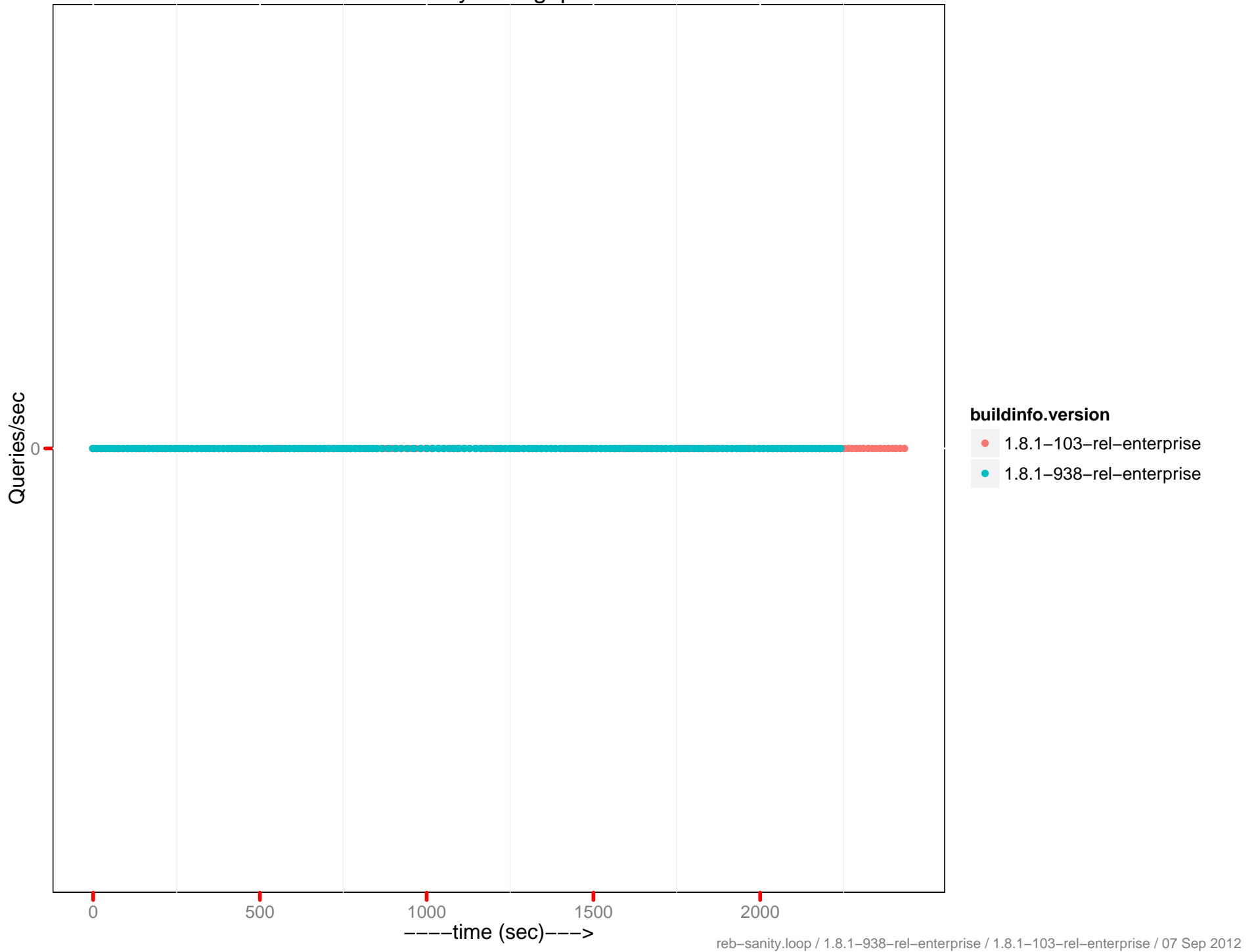
Latency-set 99th percentile



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



Query throughput



```
reb-sanity.conf
# mixed 0.5M load, 0.1M hot reload, 0.5M access creates, no draining
# rebalance after creating 0.2M items
#
# system memory: 7G per node

performance.eperf.EPerfClient.test_eperf_rebalance

params:

# general
batch=50
kind=nonjson
mem_quota=7000

# load phase
hot_init_items=100000
items=500000

# access phase
# Read:Insert:Update:Delete Ratio = 50:4:40:6.
ratio_sets=0.5
ratio_misses=0.05
ratio_creates=0.08
ratio_deletes=0.13
ratio_hot=0.05
ratio_hot_gets=0.099
ratio_hot_sets=0.099
ratio_expirations=0.03
max_creates=500000

# rebalance
rebalance_after=200000
num_nodes_after=2

# control (defaults: pytests/performance/perf_defaults.py)
load_wait_until_drained=1
loop_wait_until_drained=0
mcsoda_heartbeat=3
tear_down=1
tear_down_proxy=1
tear_down_bucket=0
tear_down_cluster=1
tear_down_on_setup=0
```

hummer-dedicated.ini

[global]

username:root

password:couchbase

port:8091

data_path:/data

[servers]

1:192.168.162.20

2:192.168.162.21

3:192.168.162.22

4:192.168.162.23

[clients]

1:192.168.162.24

2:192.168.162.25

3:192.168.162.26

4:192.168.162.27

5:192.168.162.28

6:192.168.162.29

[membase]

rest_username:Administrator

rest_password:password

[dashboard]

1:dashboard.hq.couchbase.com:80