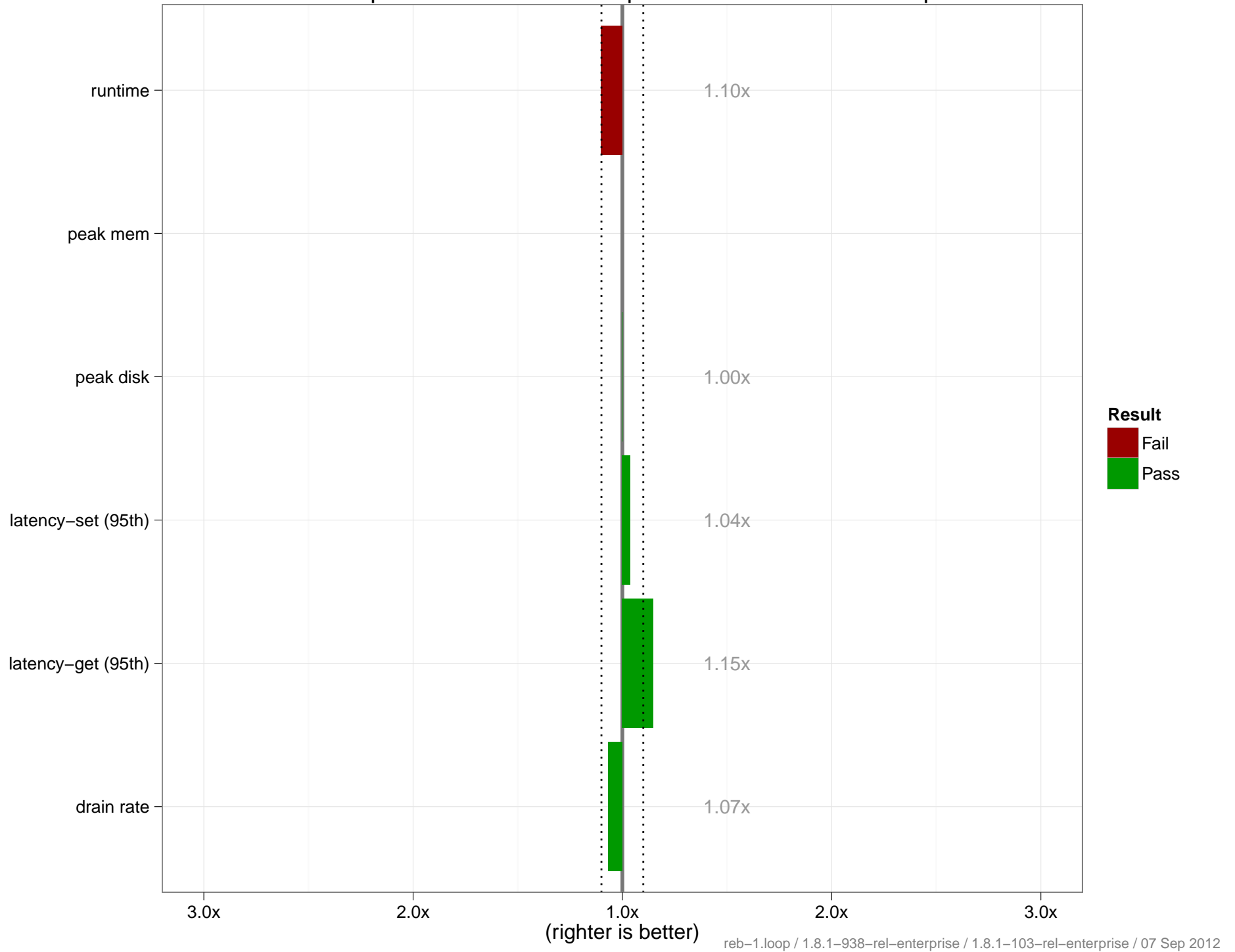
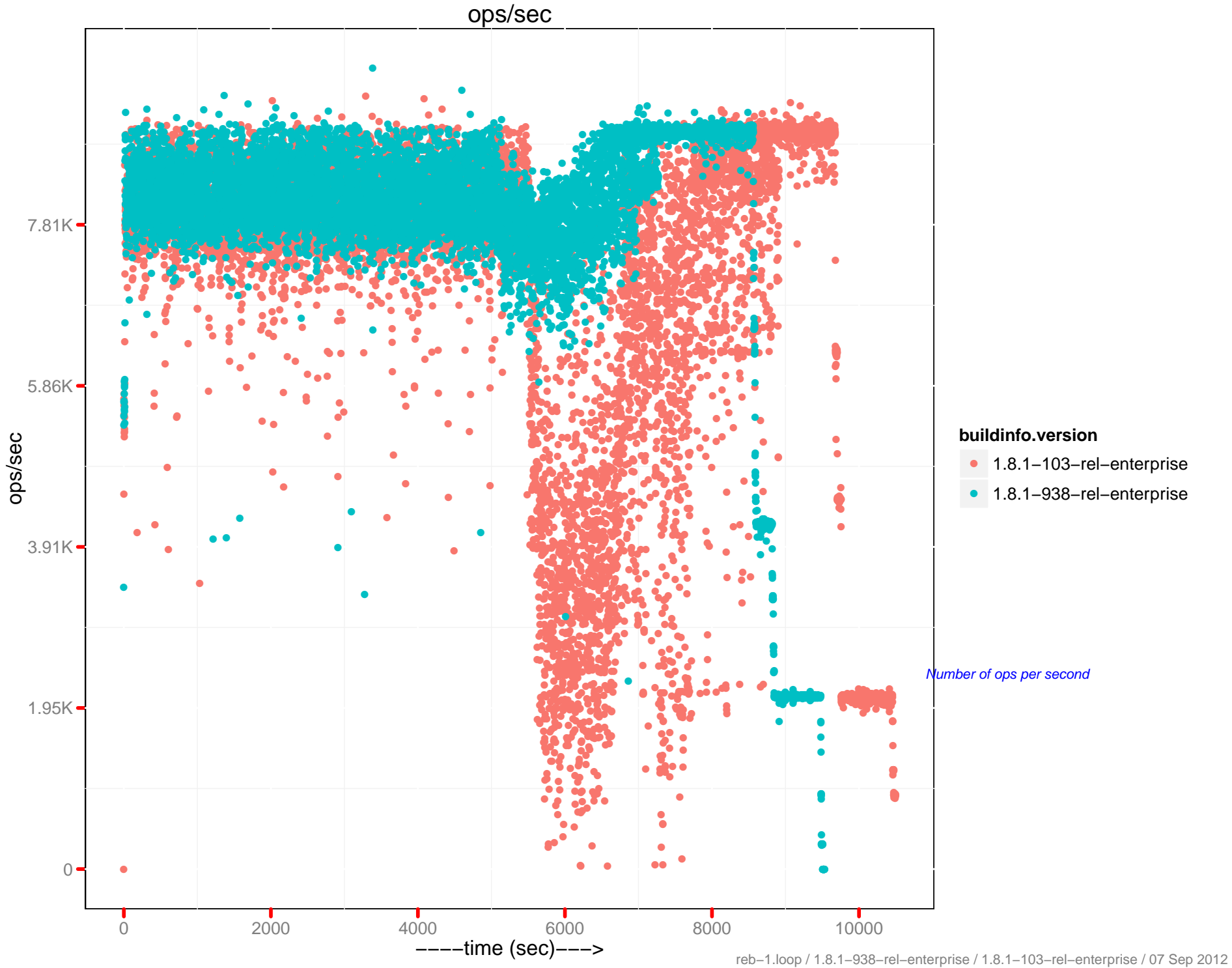


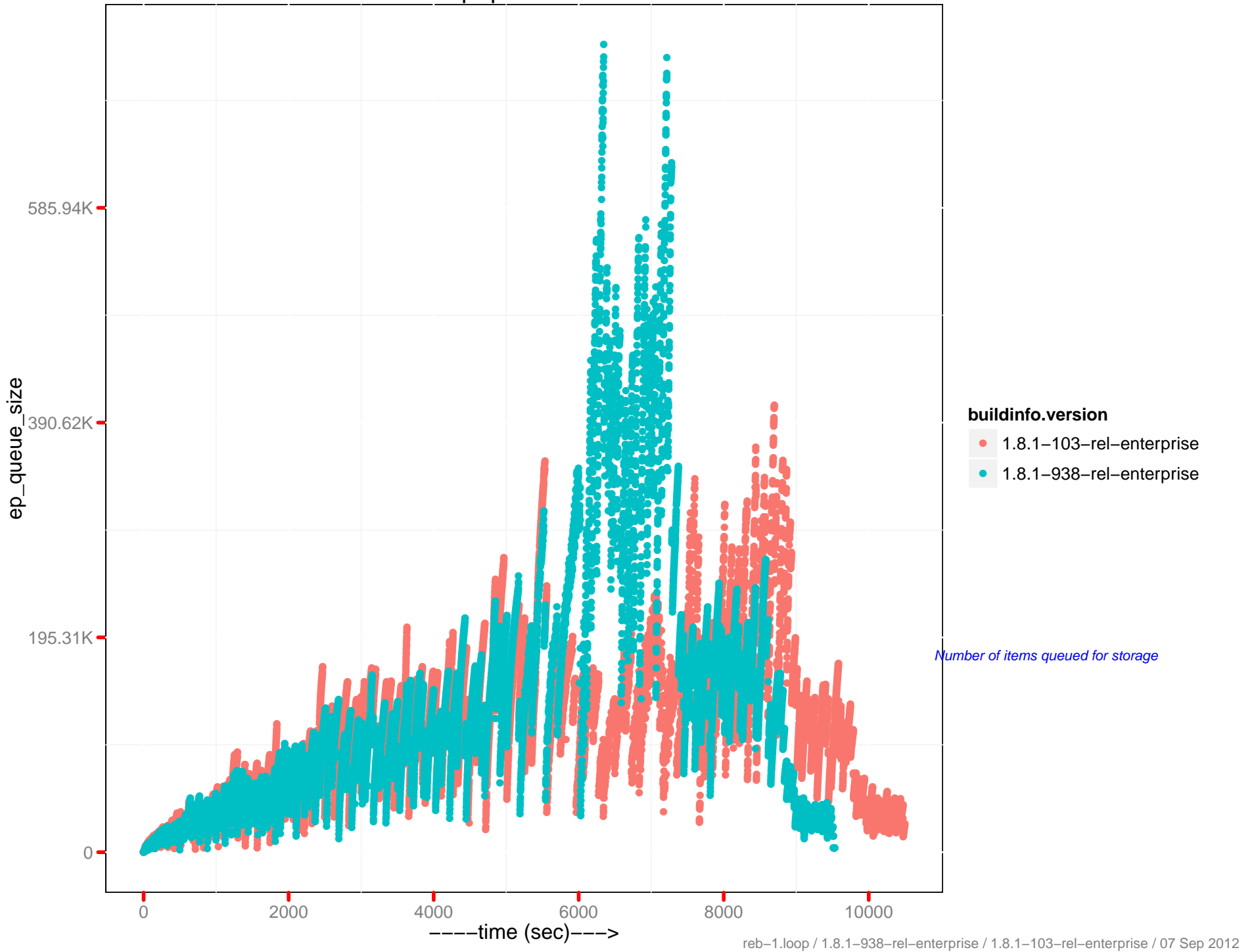
reb-1.loop : 1.8.1-938-rel-enterprise : 1.8.1-103-rel-enterprise



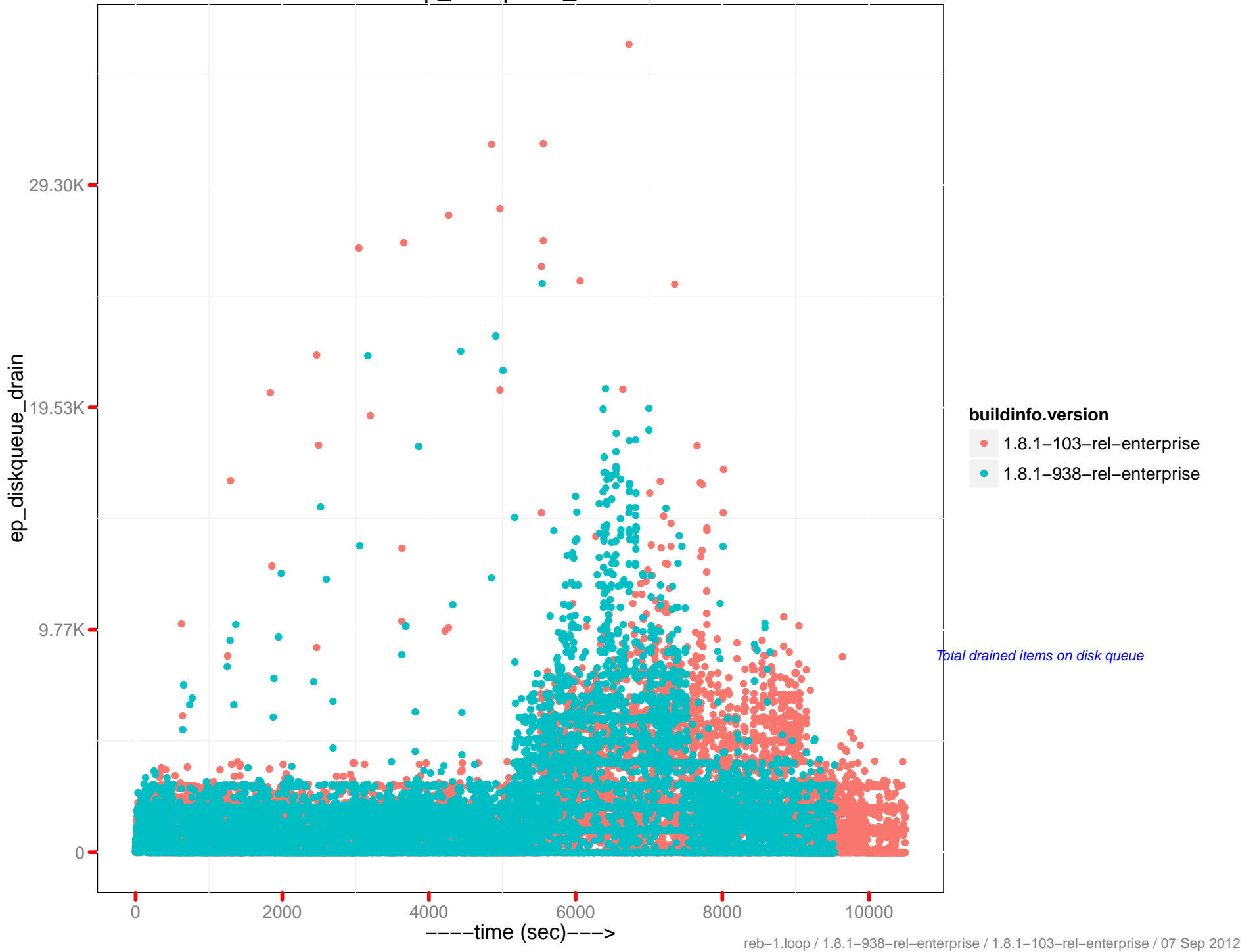
	1.8.1 – 938	1.8.1 – 103
<i>Runtime (in hr)</i>	2.65	2.92
<i>Avg. Drain Rate</i>	2.23K	2.09K
<i>Peak Disk (GB)</i>	48.42	48.5
<i>Peak Memory (GB)</i>	–Inf	–Inf
<i>Avg. OPS</i>	7.70K	6.96K
<i>Avg. mem memcached (GB)</i>	NA	NA
<i>Avg. mem beam.smp (MB)</i>	NA	NA
<i>Avg. CPU rate (%)</i>	74.08	67.89
<i>Latency–get (90th) (ms)</i>	3.6	3.33
<i>Latency–get (95th) (ms)</i>	10.28	8.96
<i>Latency–get (99th) (ms)</i>	42.24	57.07
<i>Latency–set (90th) (ms)</i>	3.7	3.52
<i>Latency–set (95th) (ms)</i>	10.3	9.92
<i>Latency–set (99th) (ms)</i>	44.04	61.41
<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>	2123.36	3411.74
<i>Rebalance Time (sec)</i>	NA	NA
<i>Testrunner Version</i>	0.015408	0.020069



ep queue size



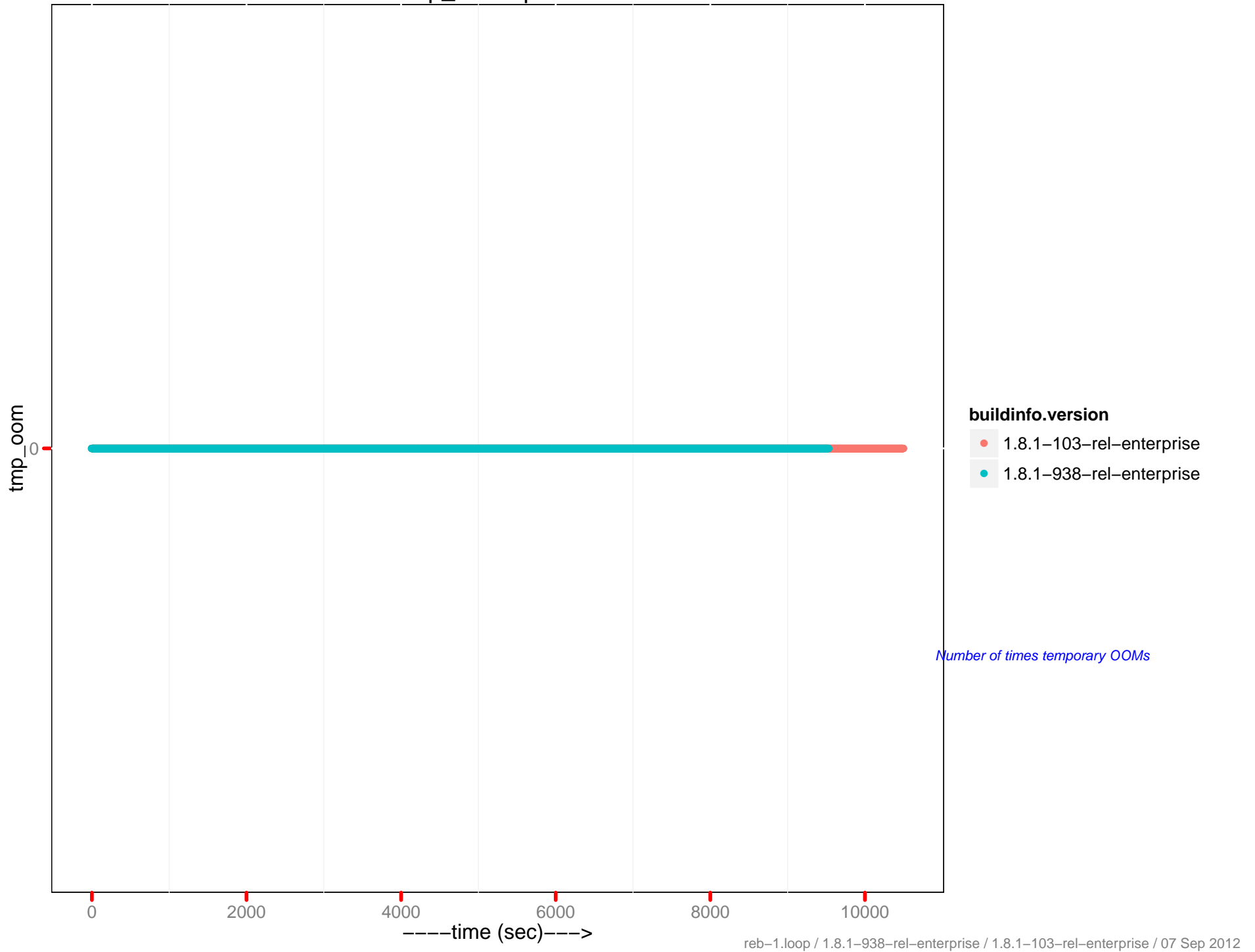
ep_diskqueue_drain



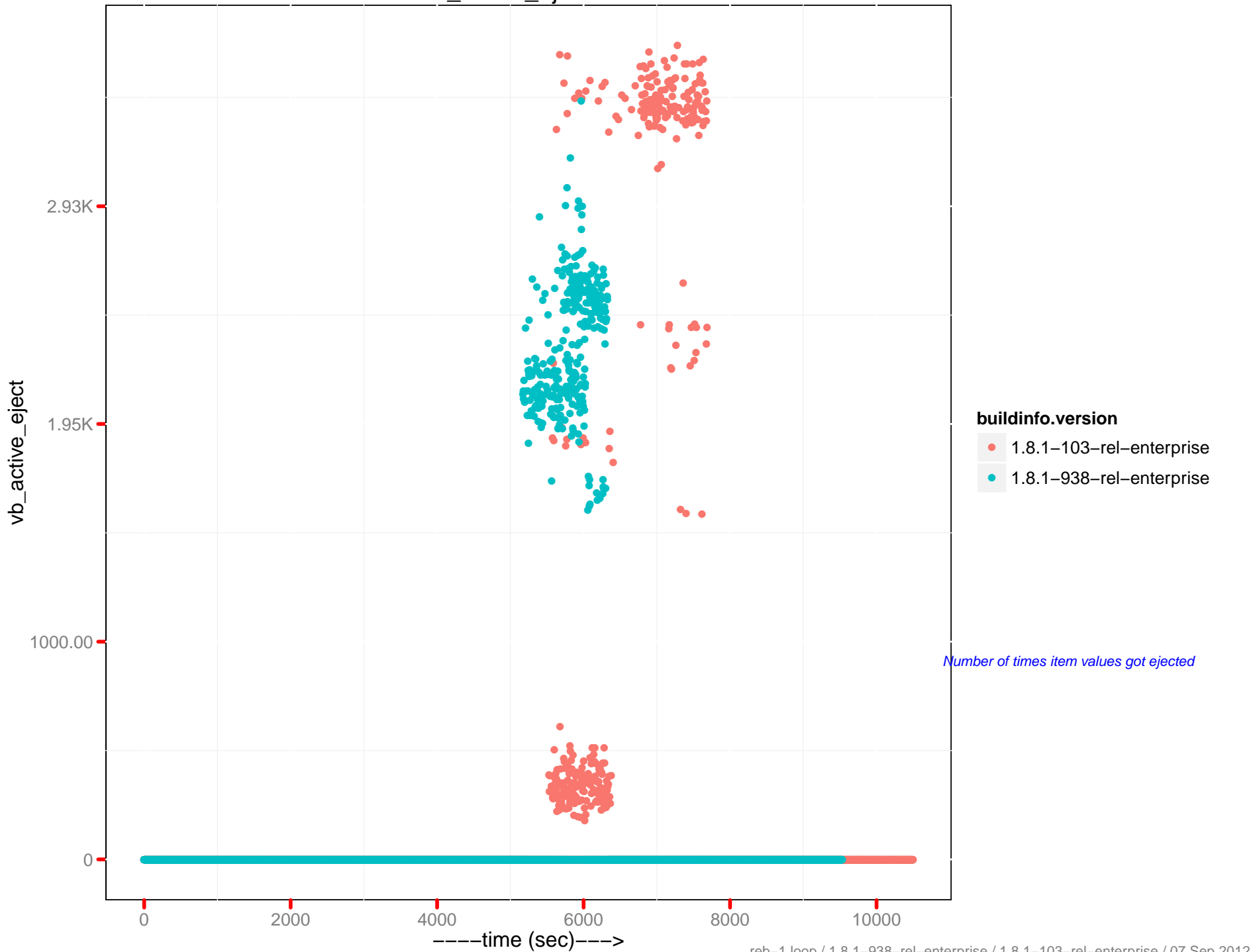
ep_bg_fetched ops/sec



tmp_oom ops/sec



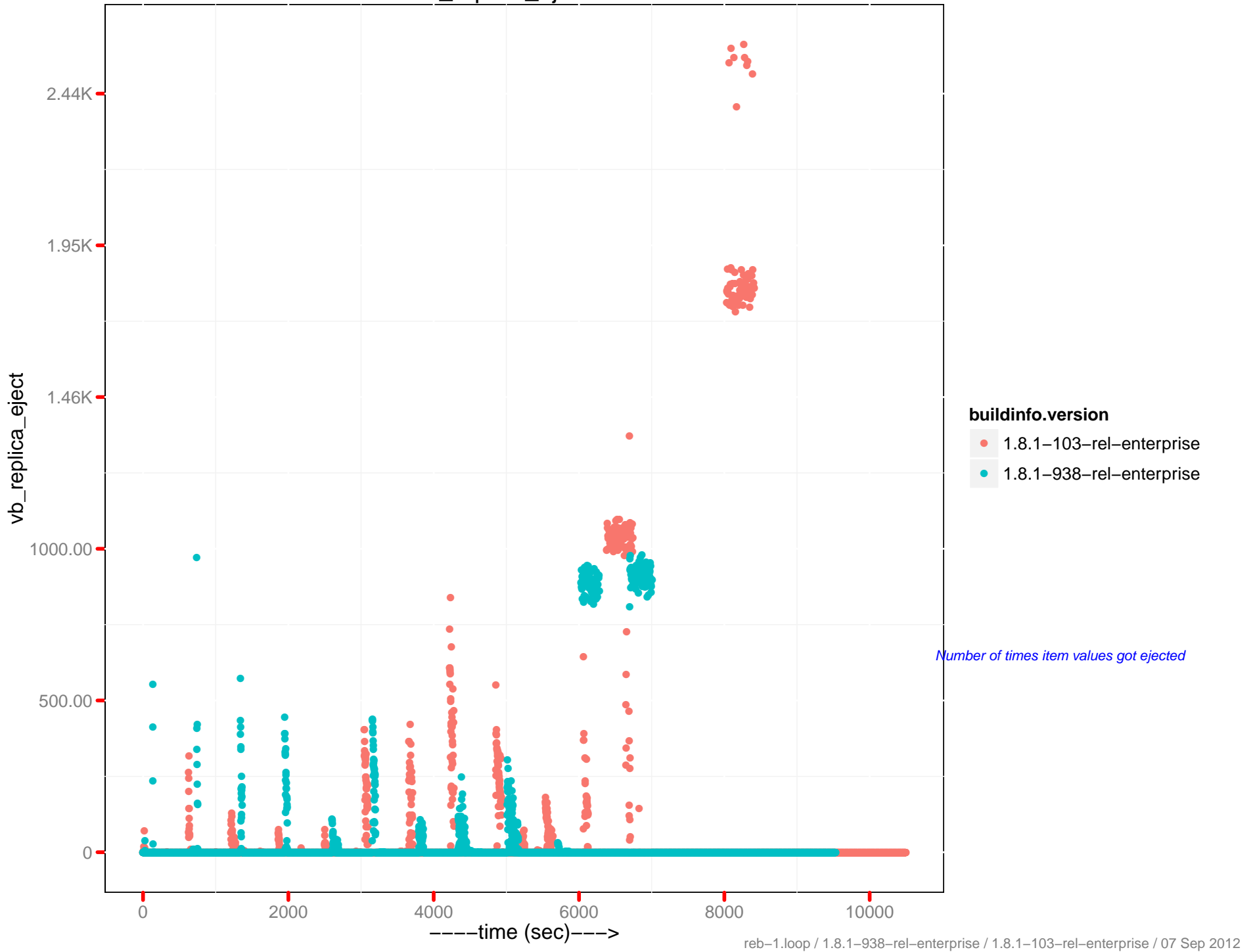
vb_active_eject/sec



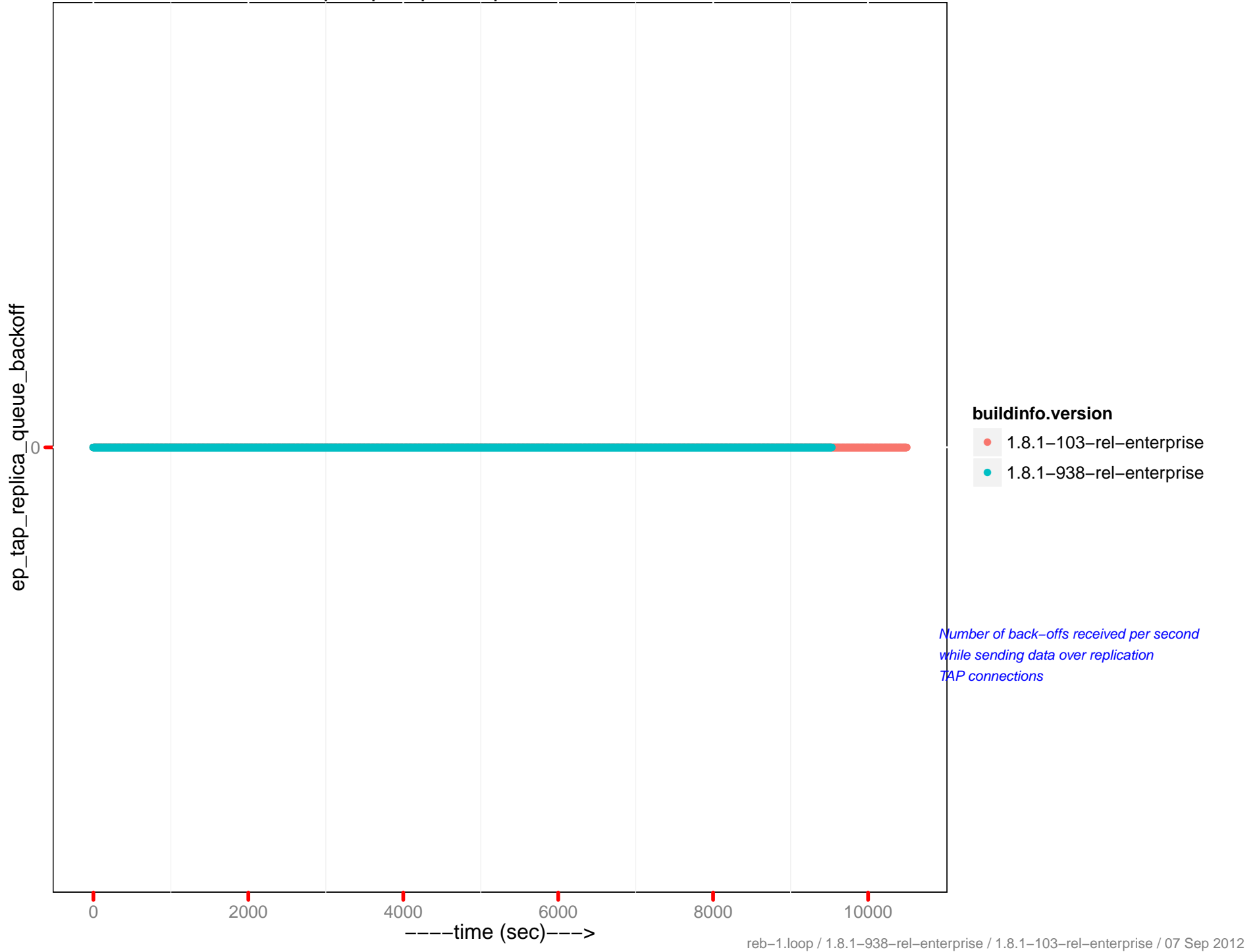
buildinfo.version
● 1.8.1-103-rel-enterprise
● 1.8.1-938-rel-enterprise

Number of times item values got ejected

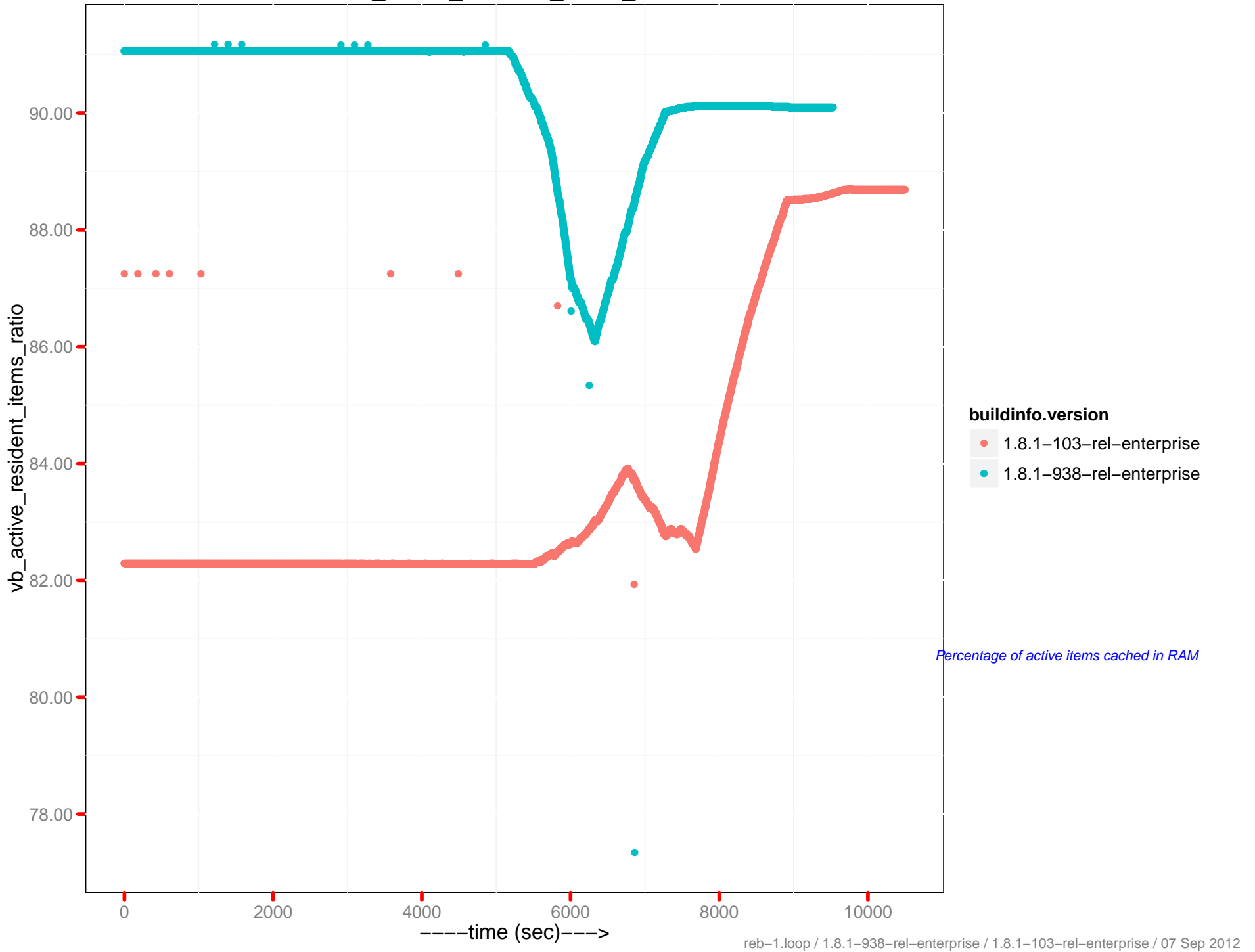
vb_replica_eject/sec



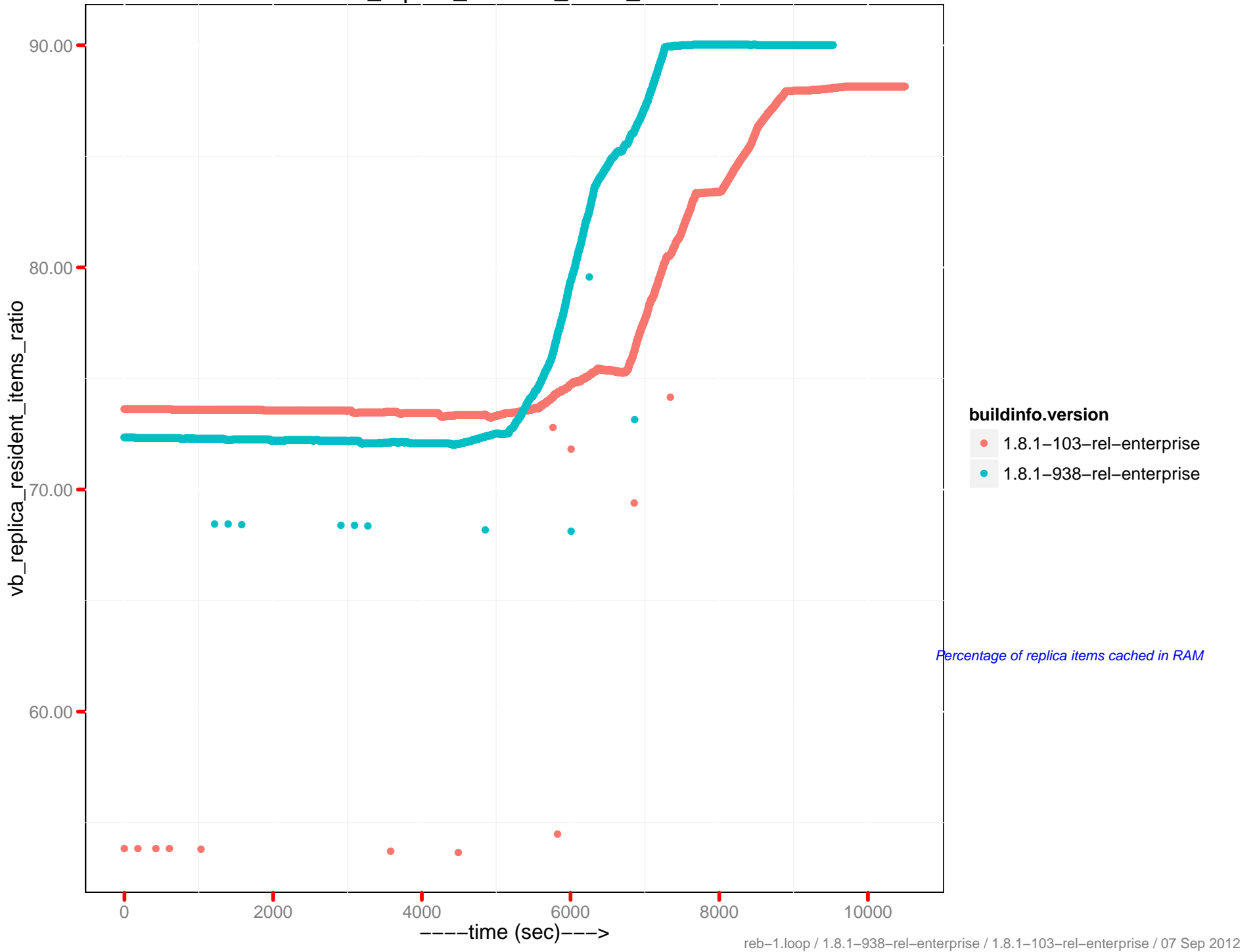
ep_tap_replica_queue_backoff/sec



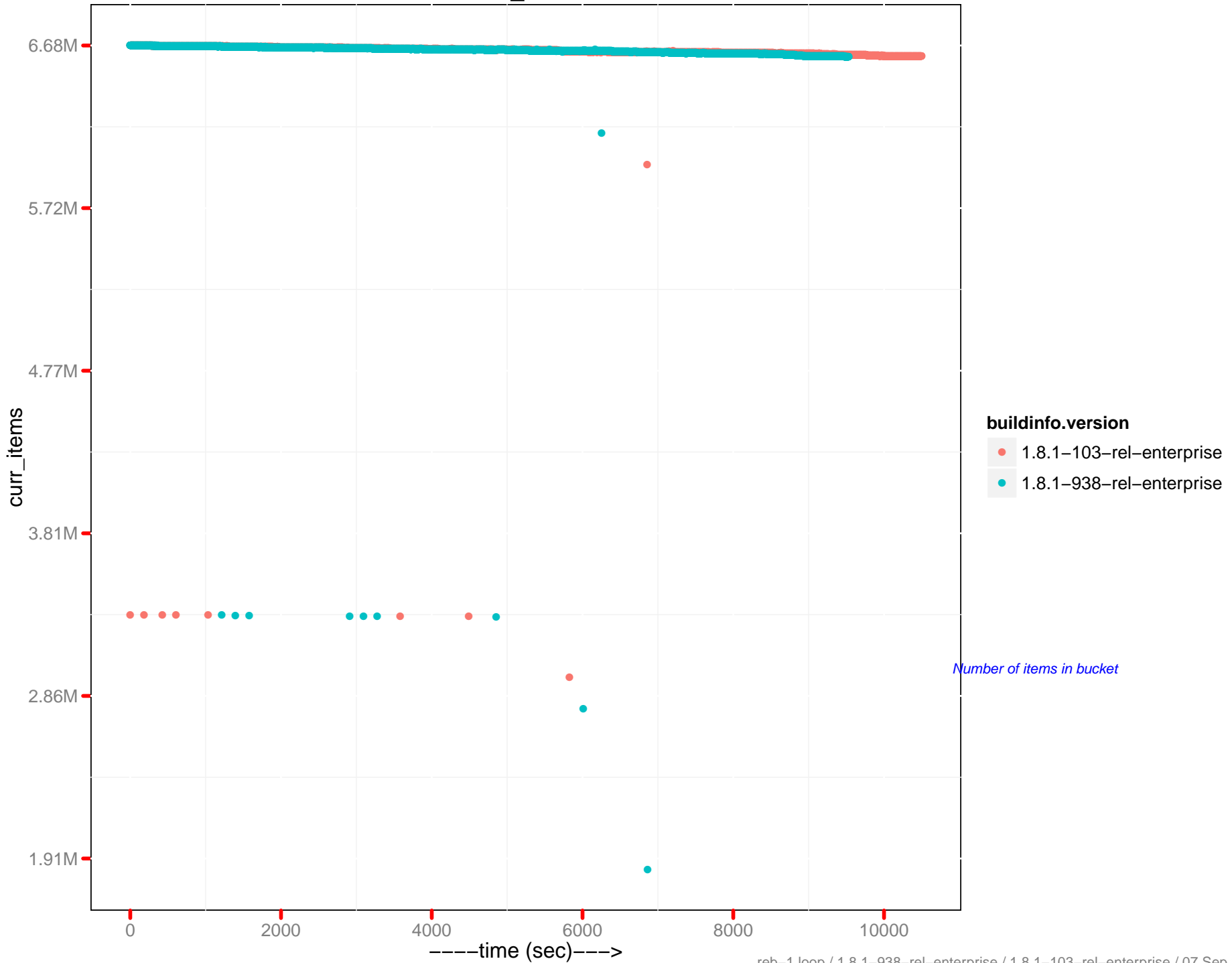
vb_active_resident_items_ratio



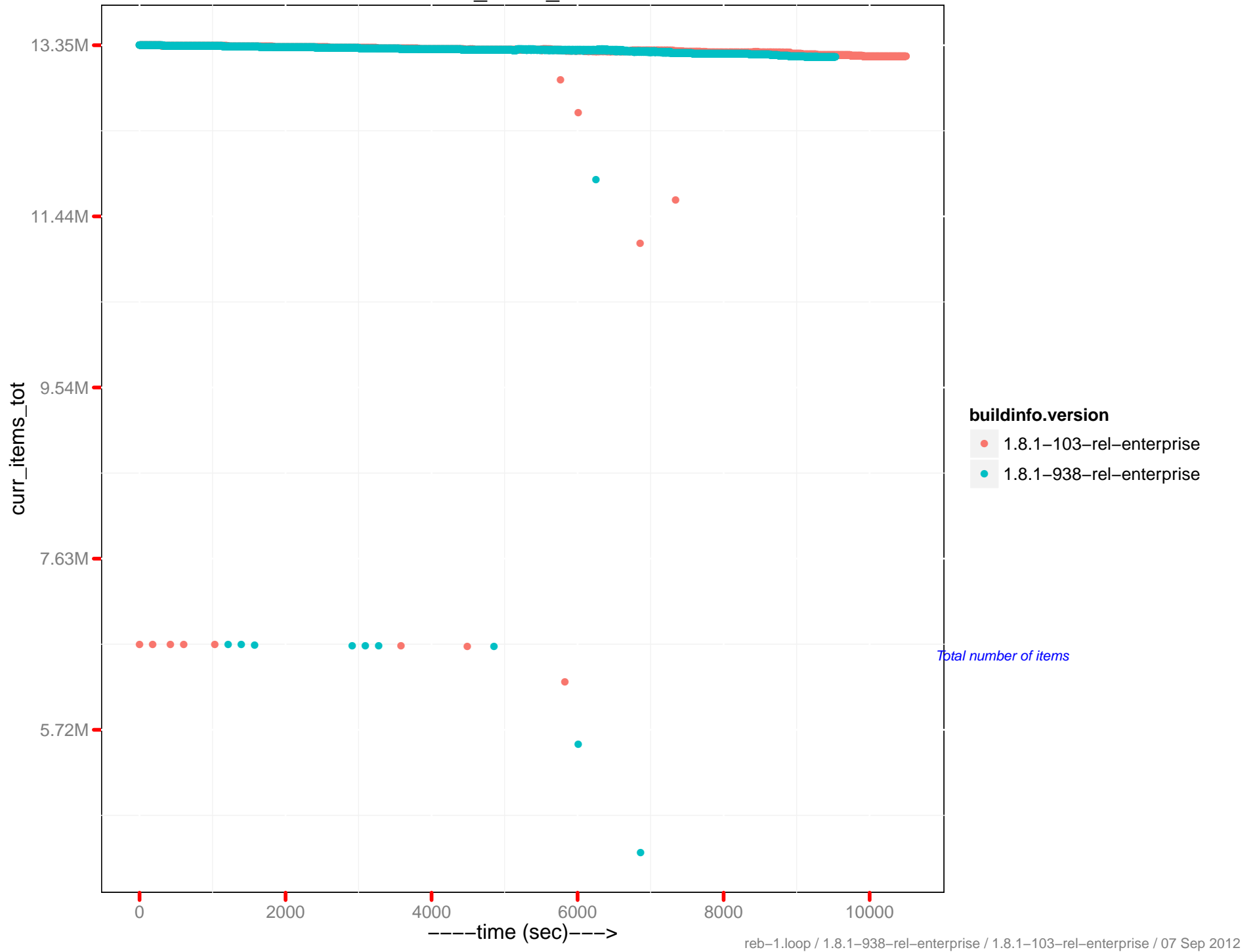
vb_replica_resident_items_ratio



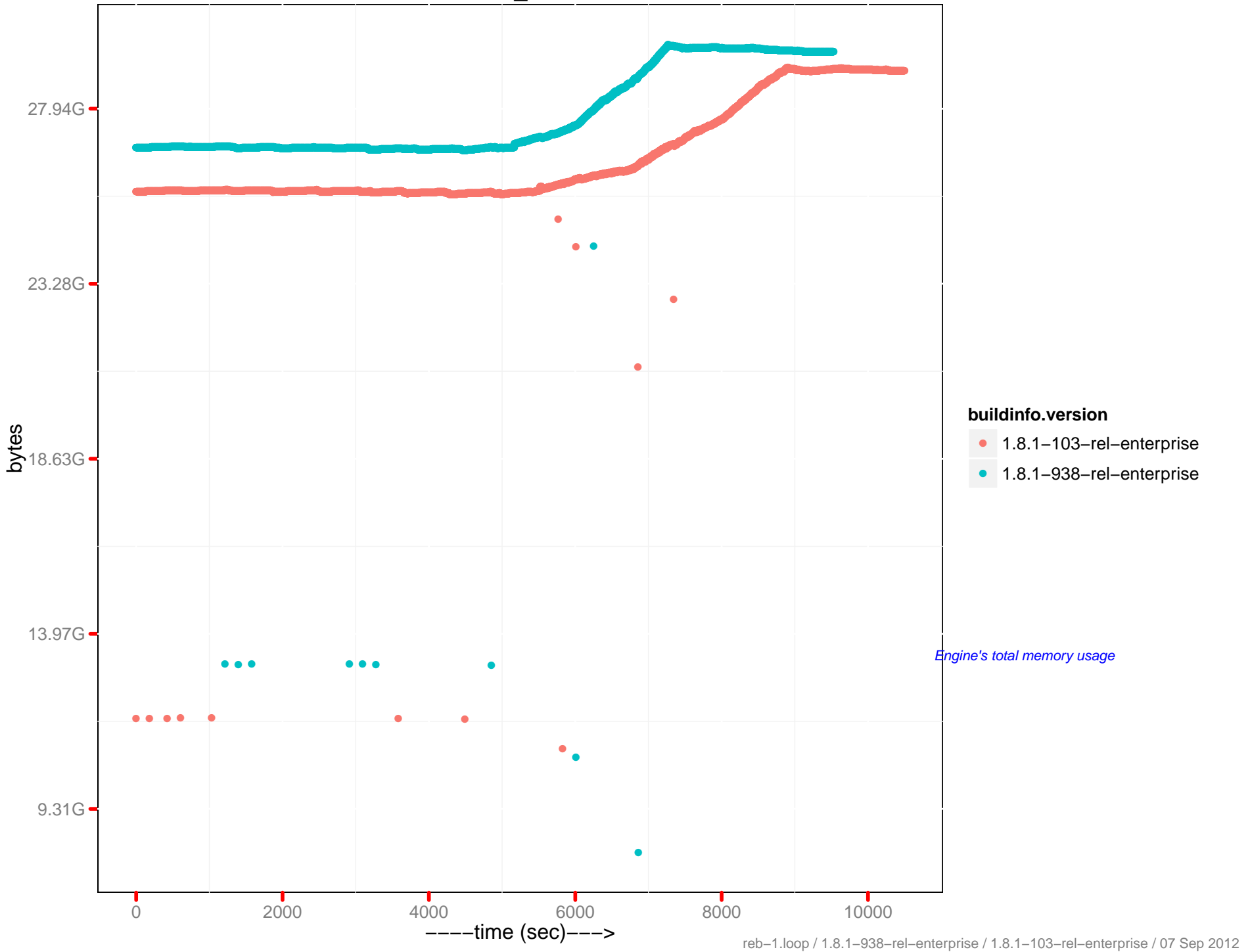
curr_items



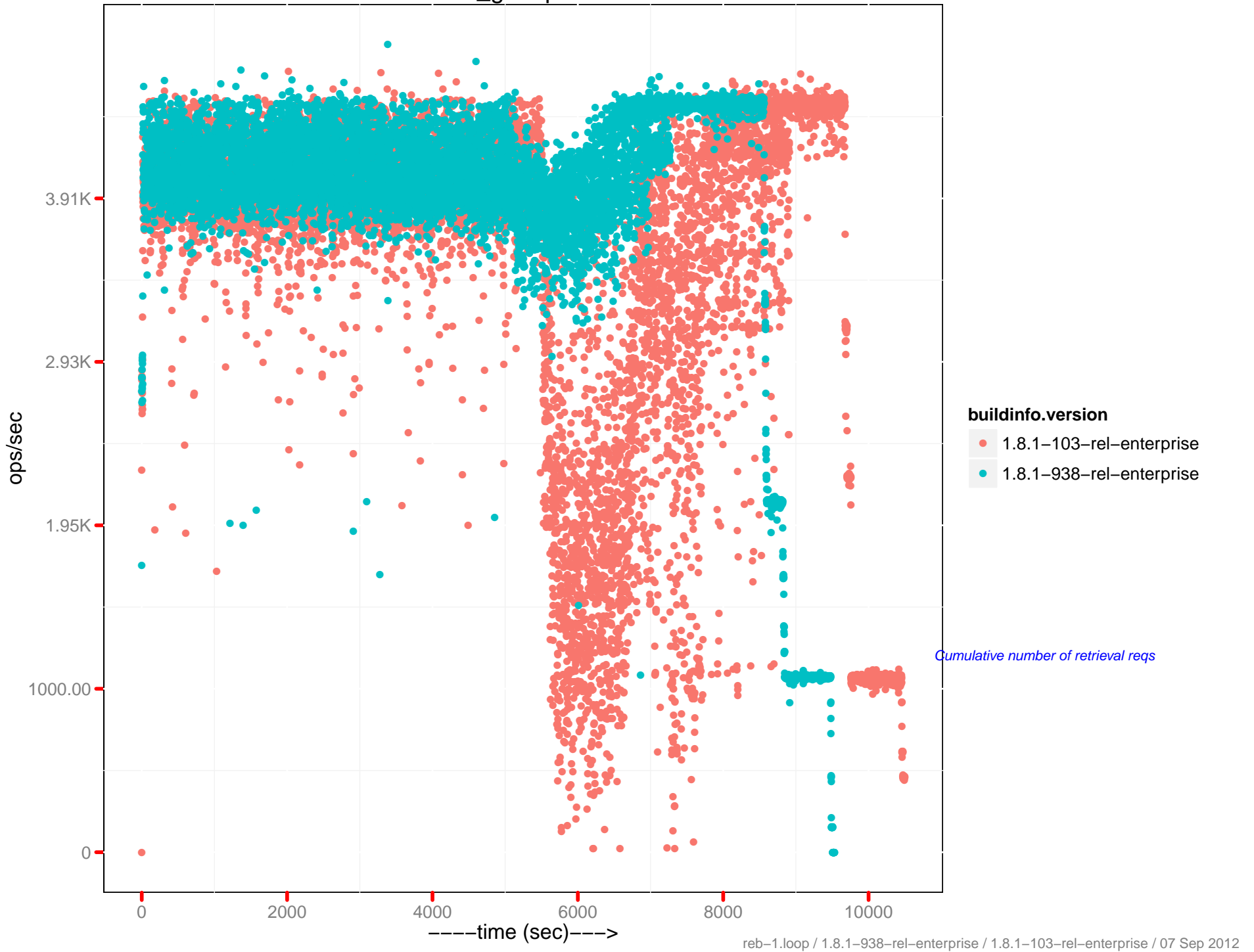
cur_items_total



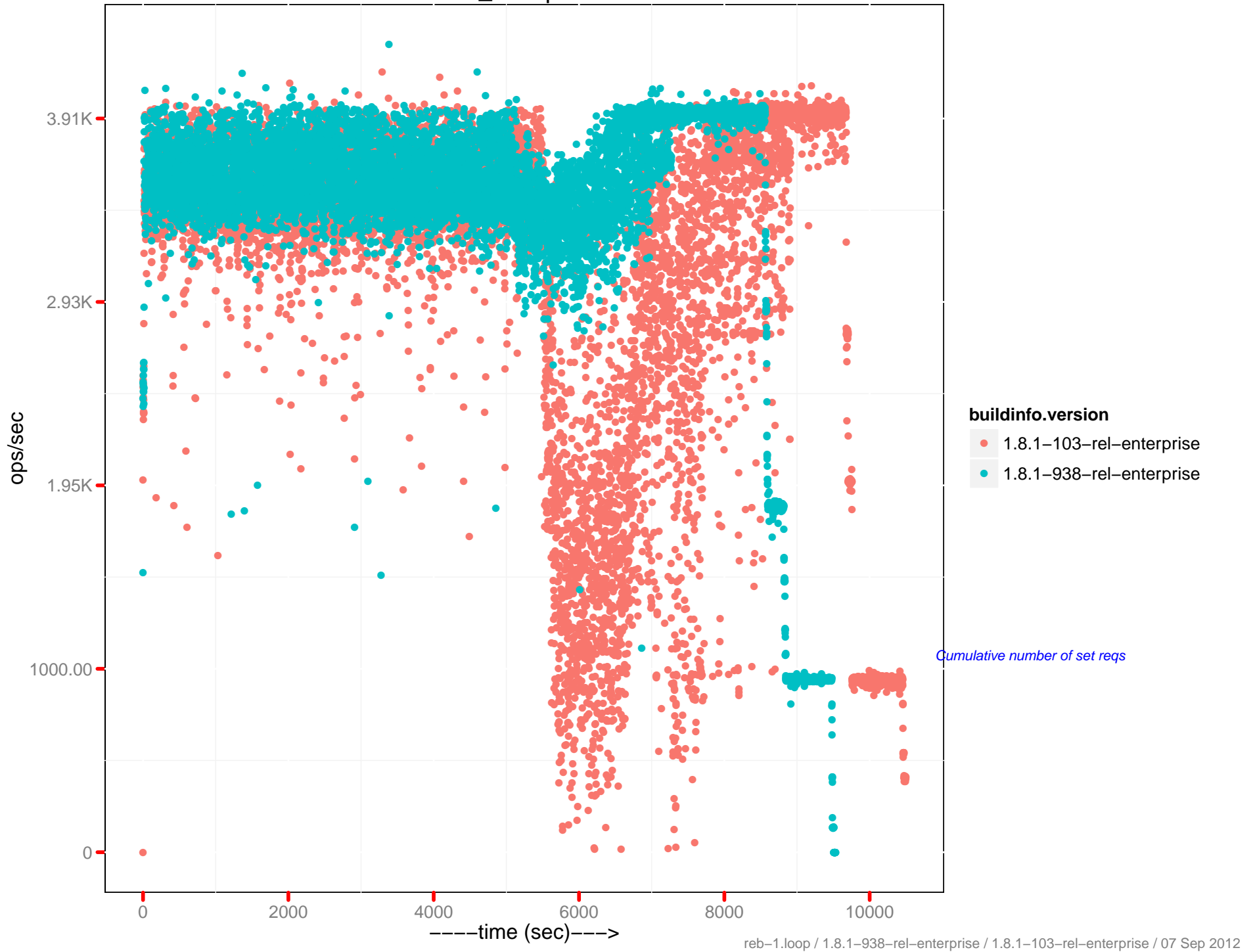
mem_used



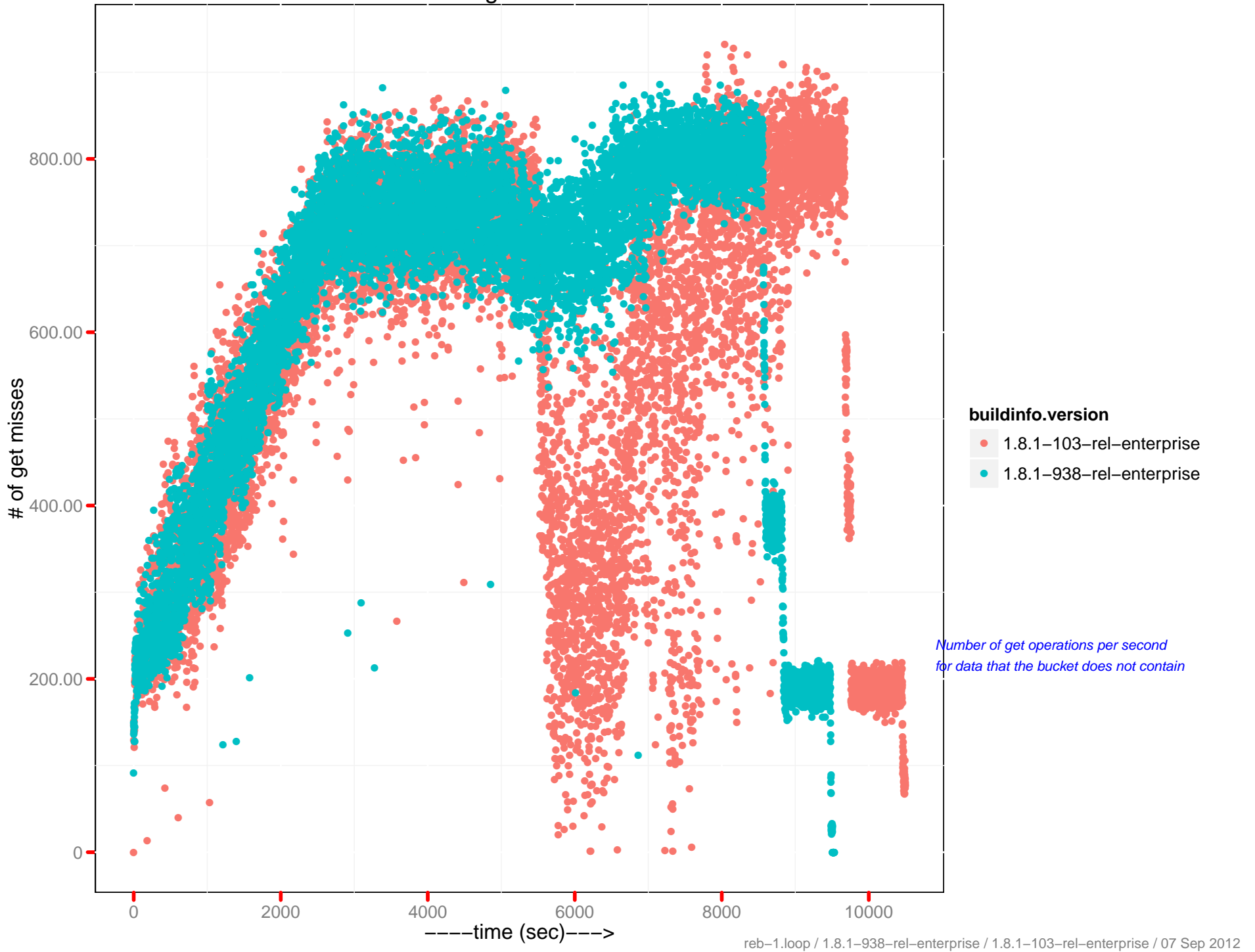
cmd_get ops/sec



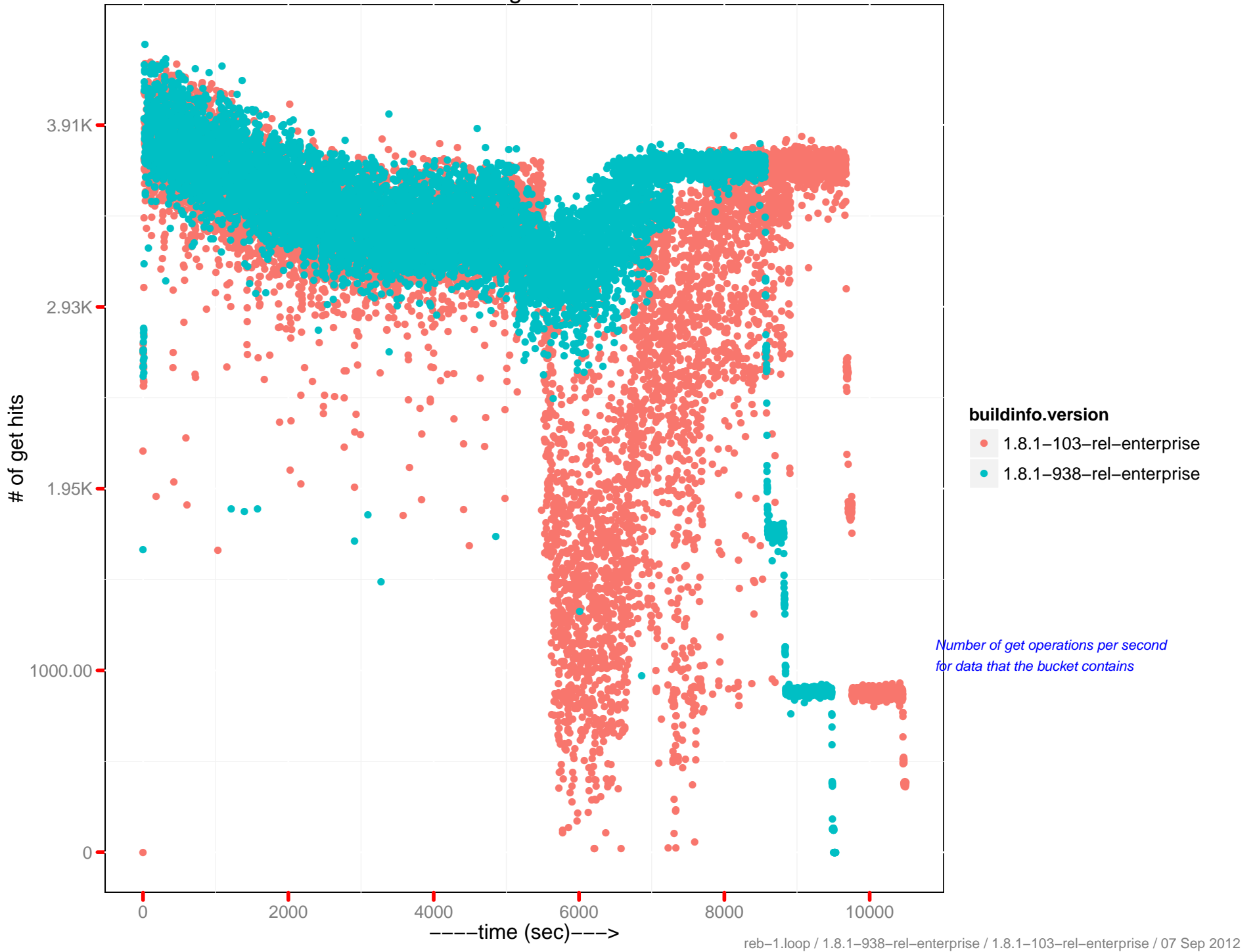
cmd_set ops/sec



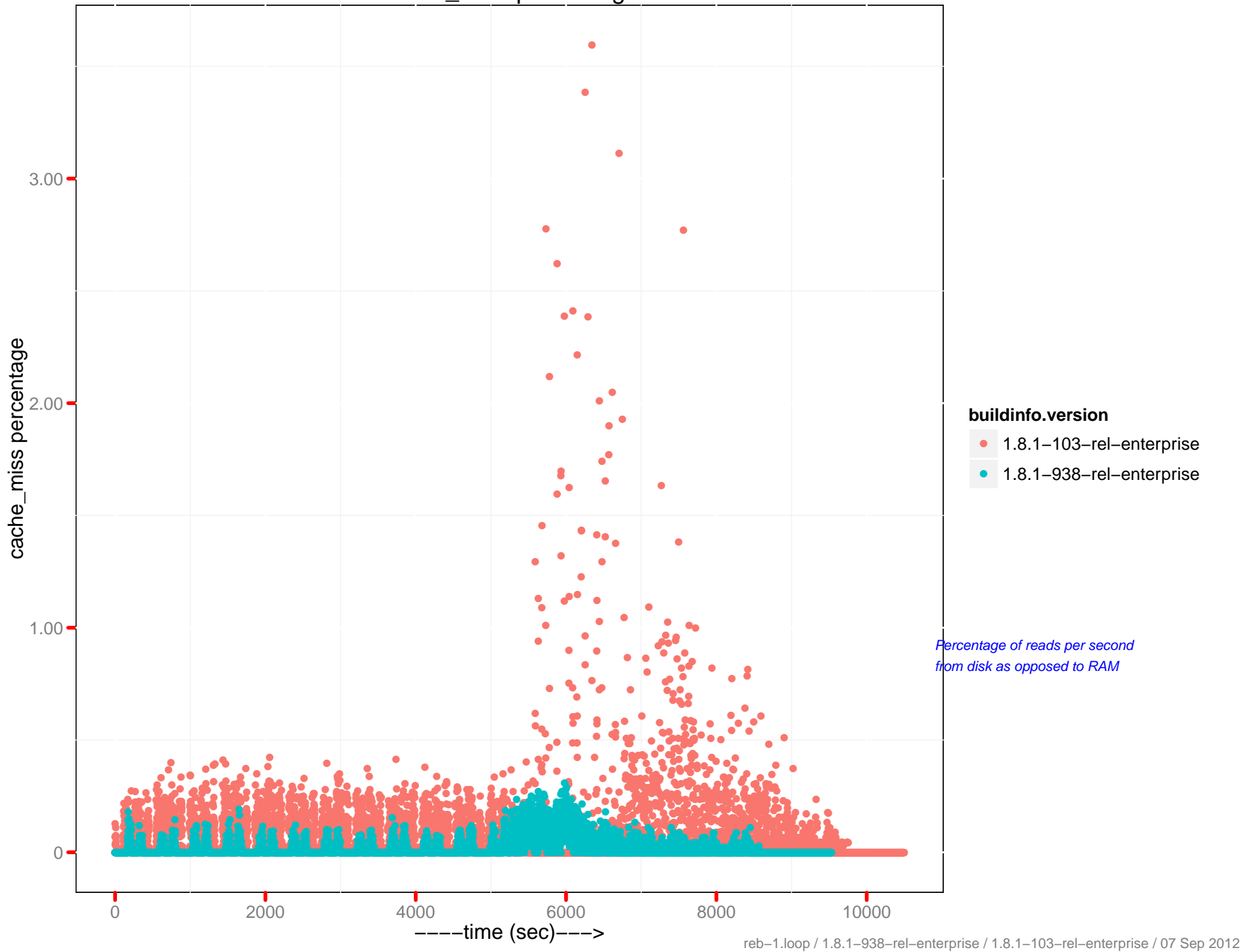
of get misses



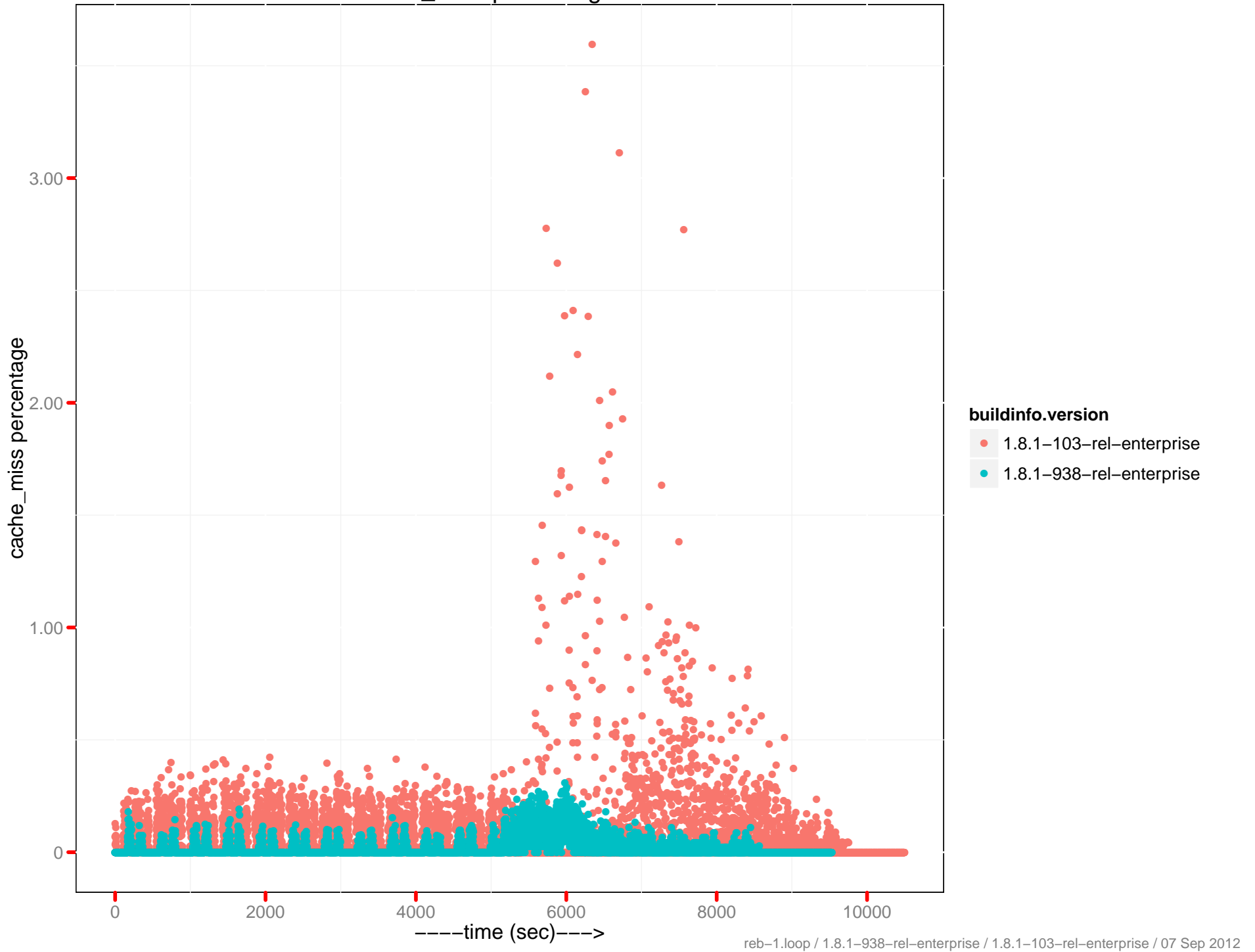
of get hits



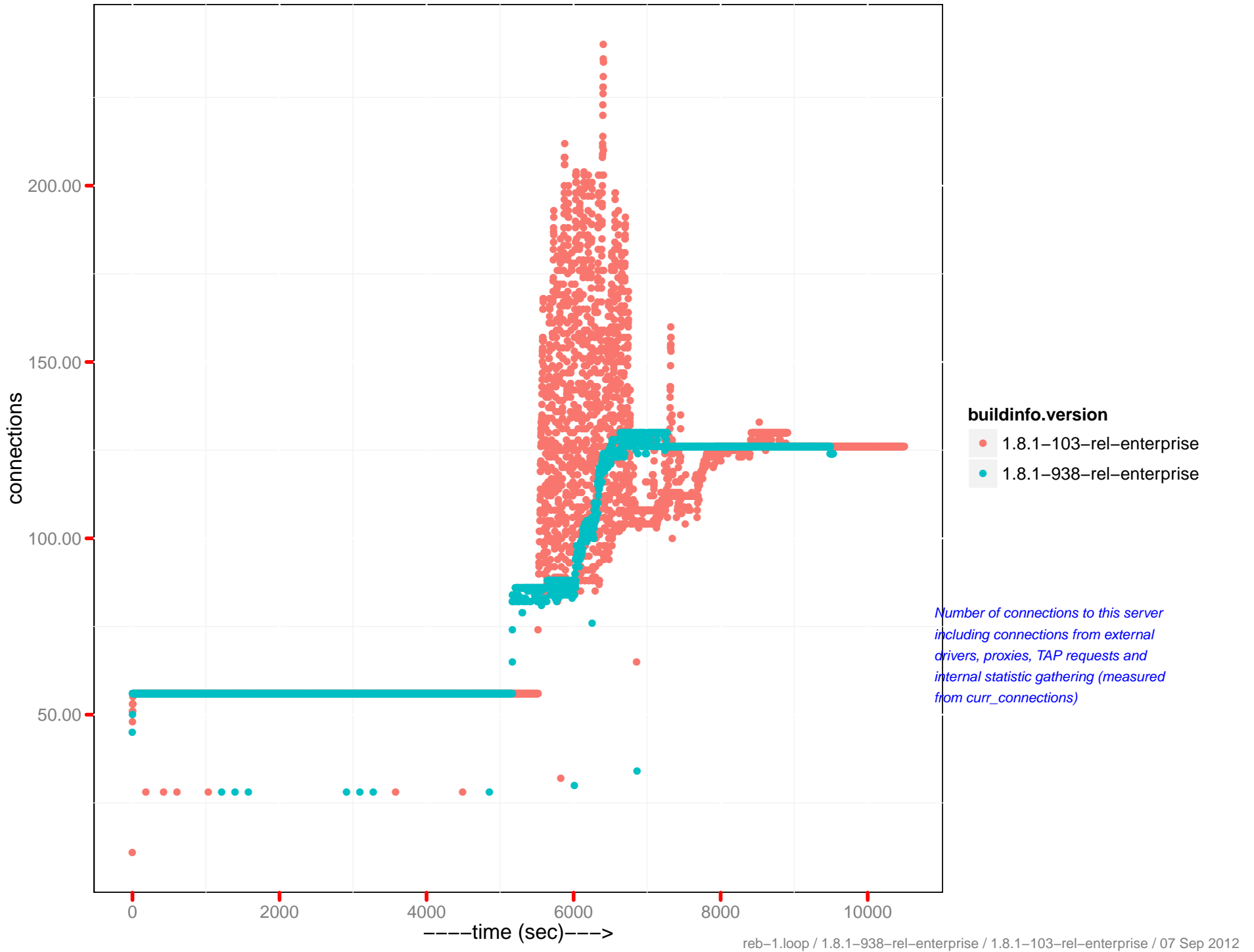
cache_miss percentage



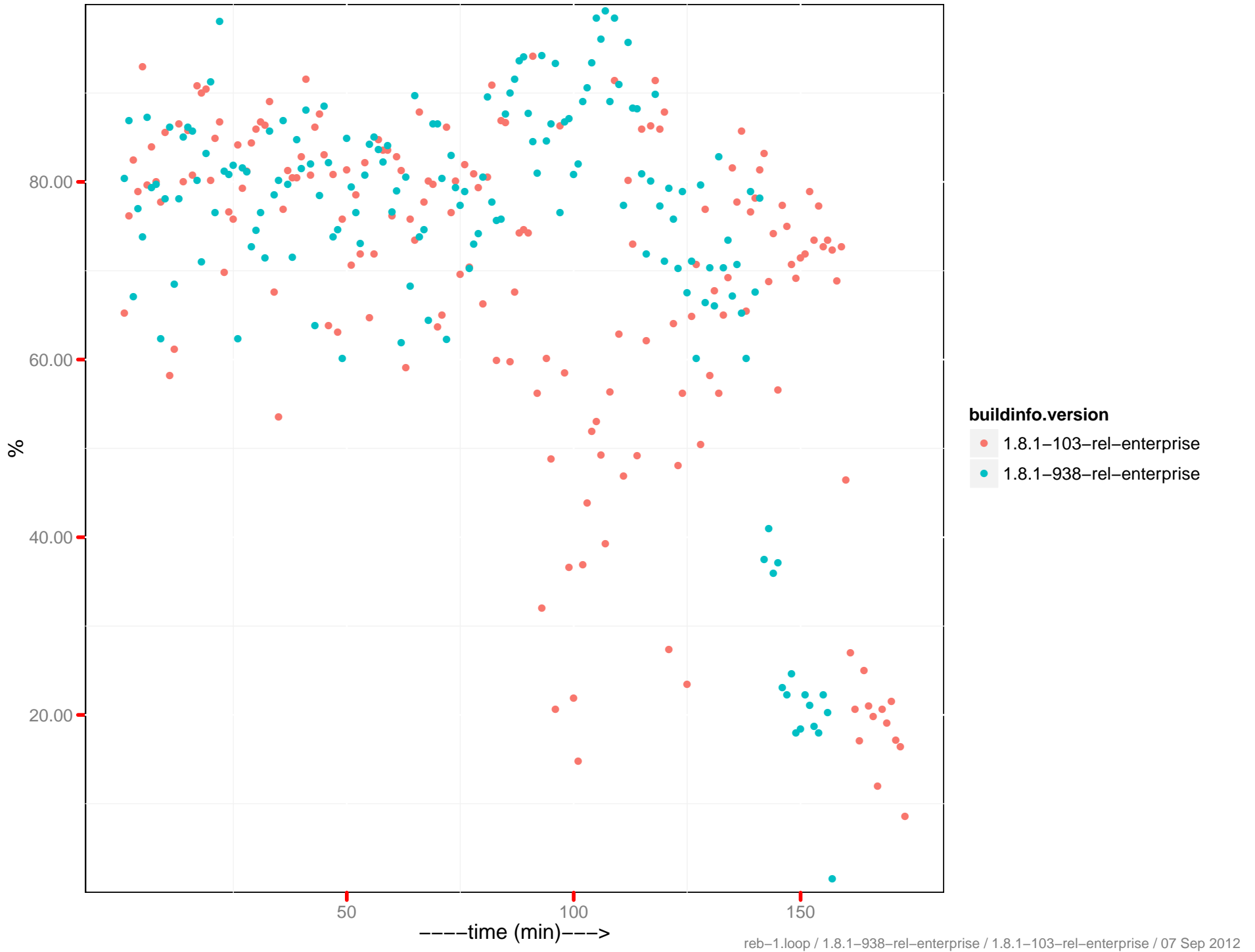
cache_miss percentage 0-5



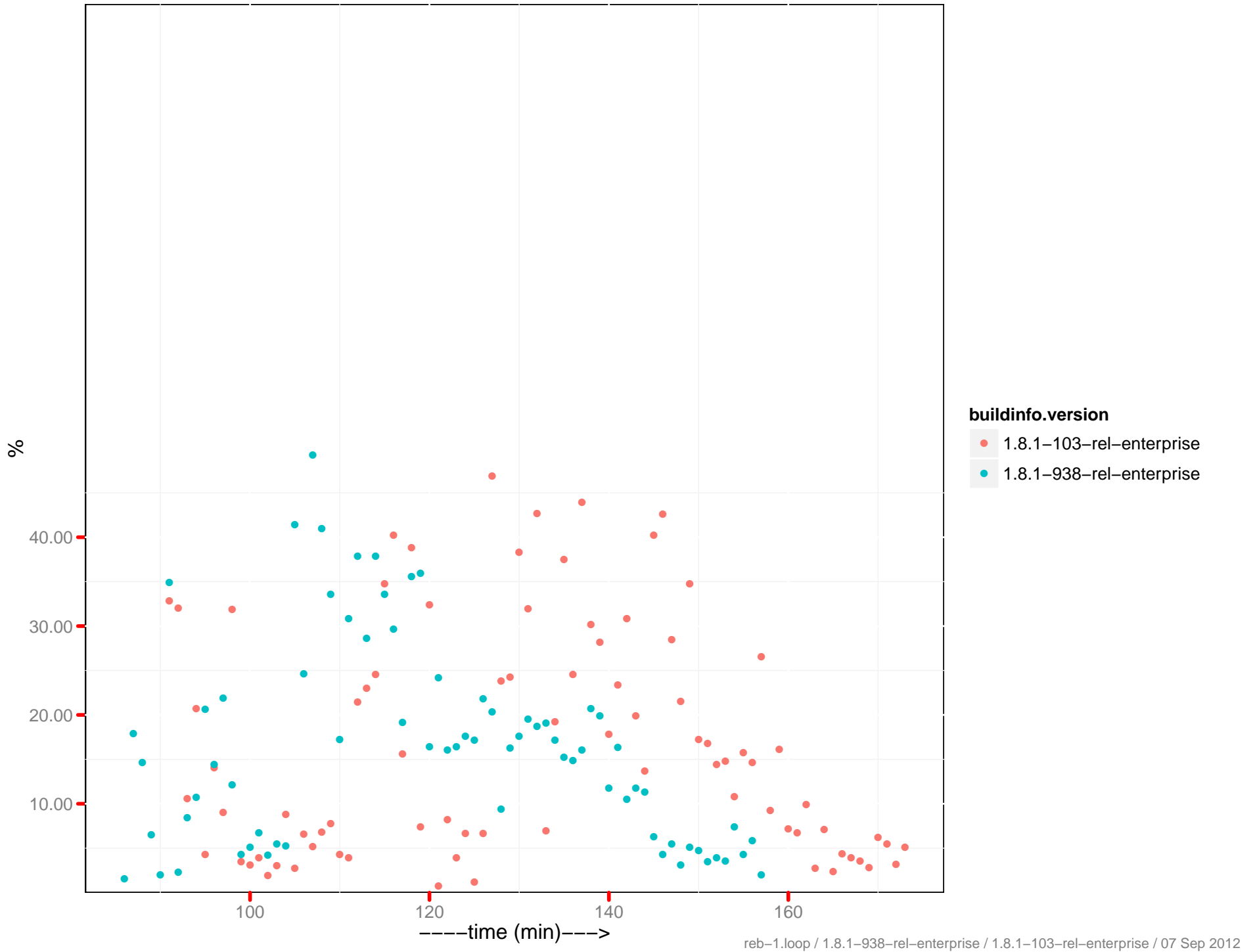
Number of connections



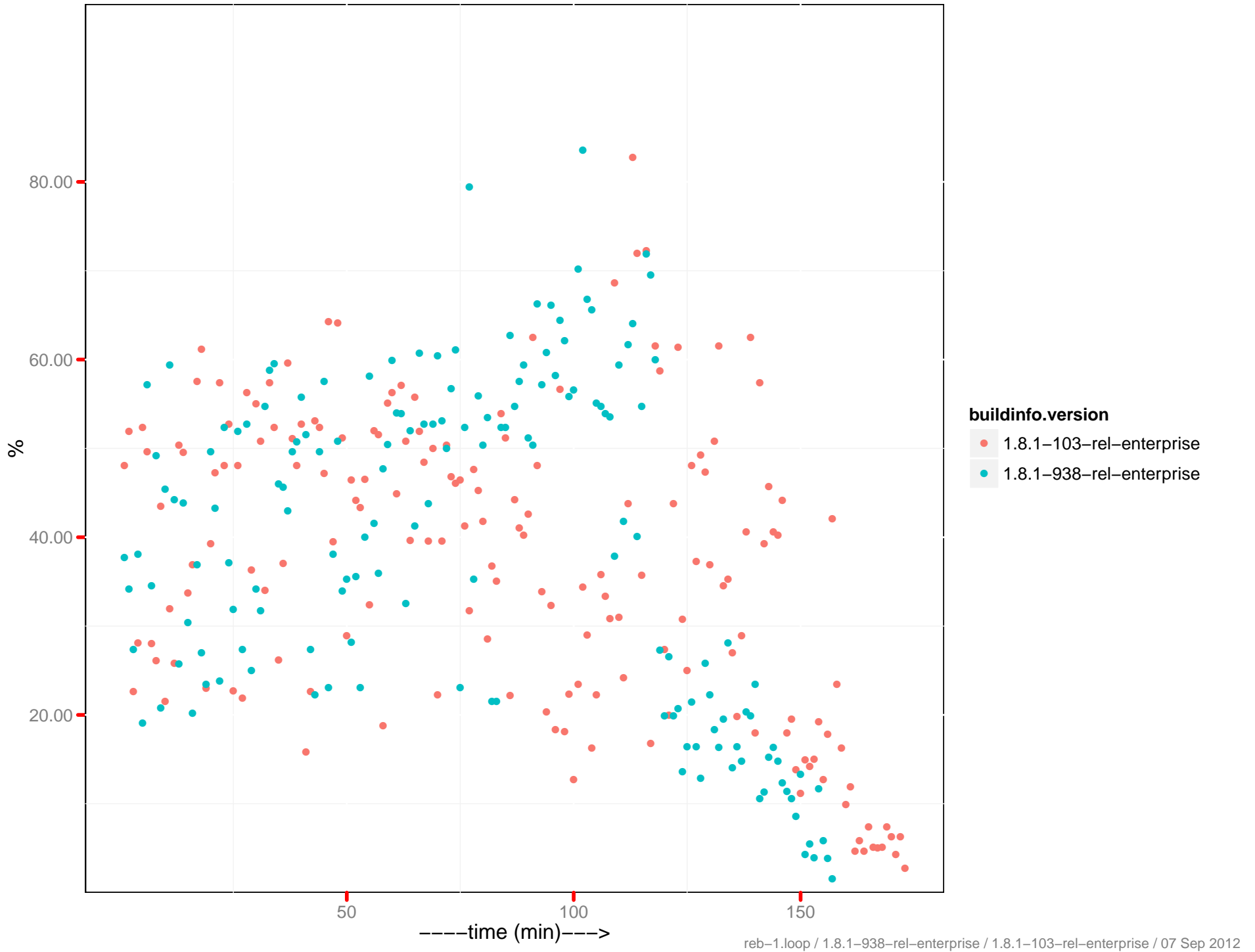
CPU utilization – 10.2.2.230:8091



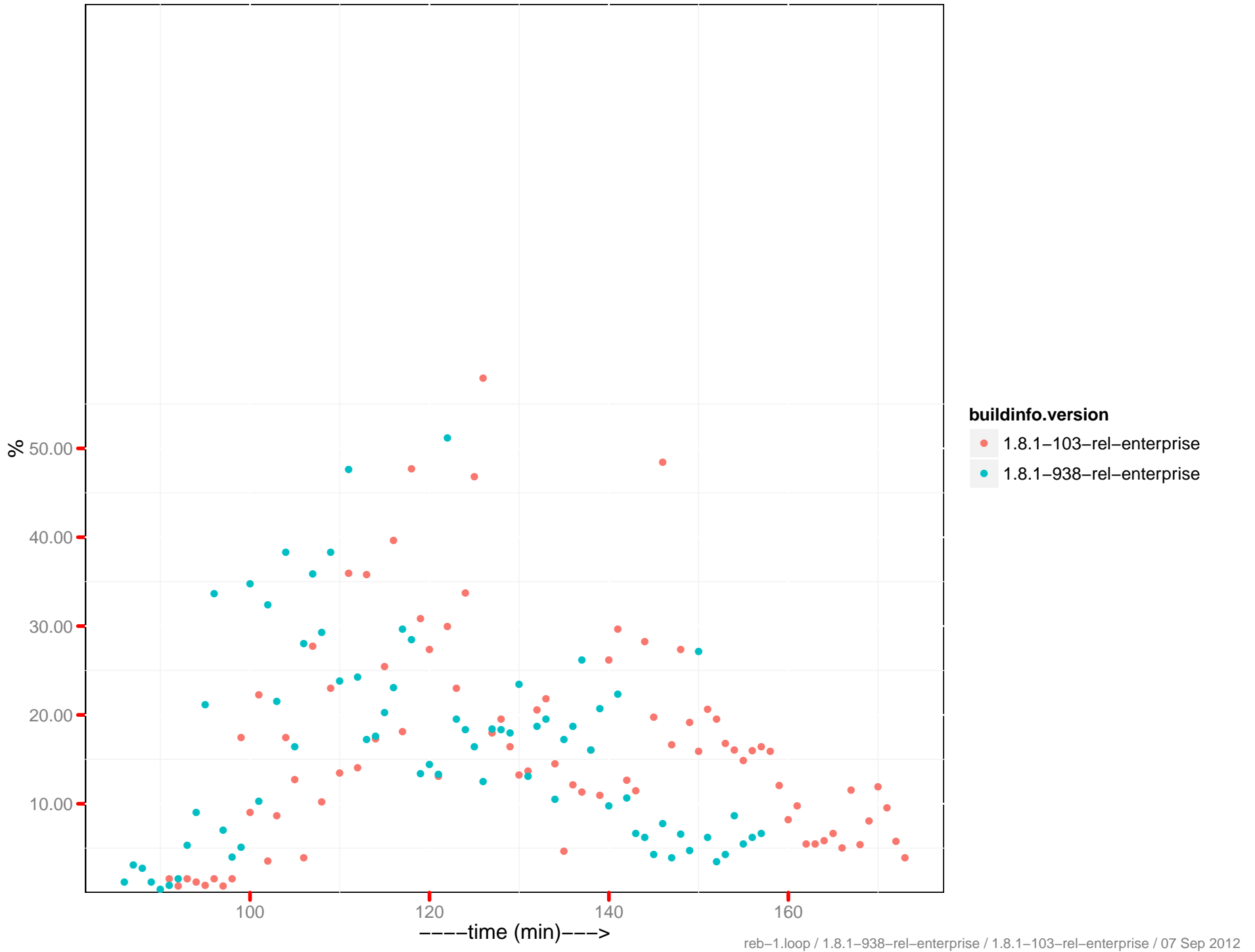
CPU utilization – 10.2.2.231:8091



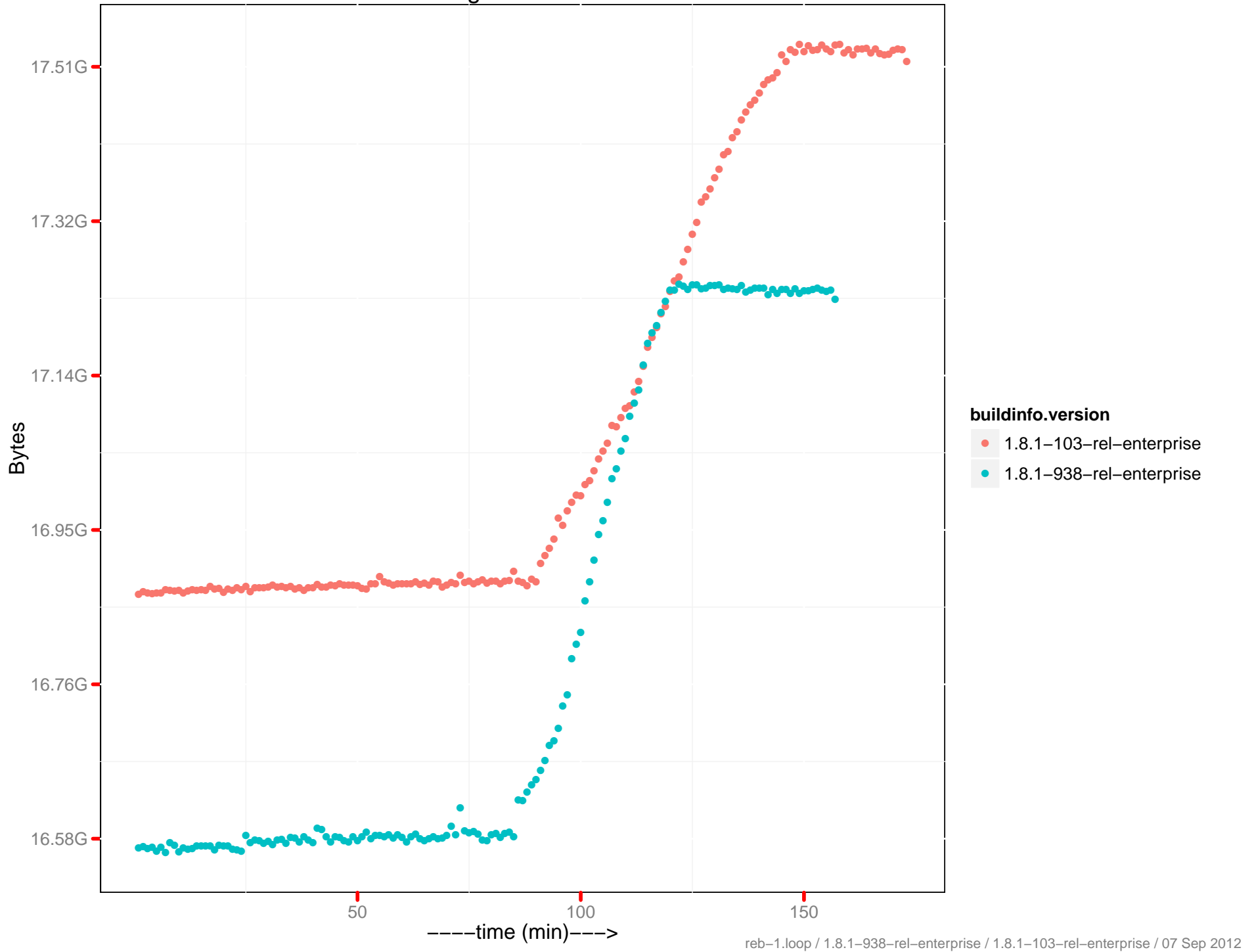
CPU utilization – 10.2.2.232:8091



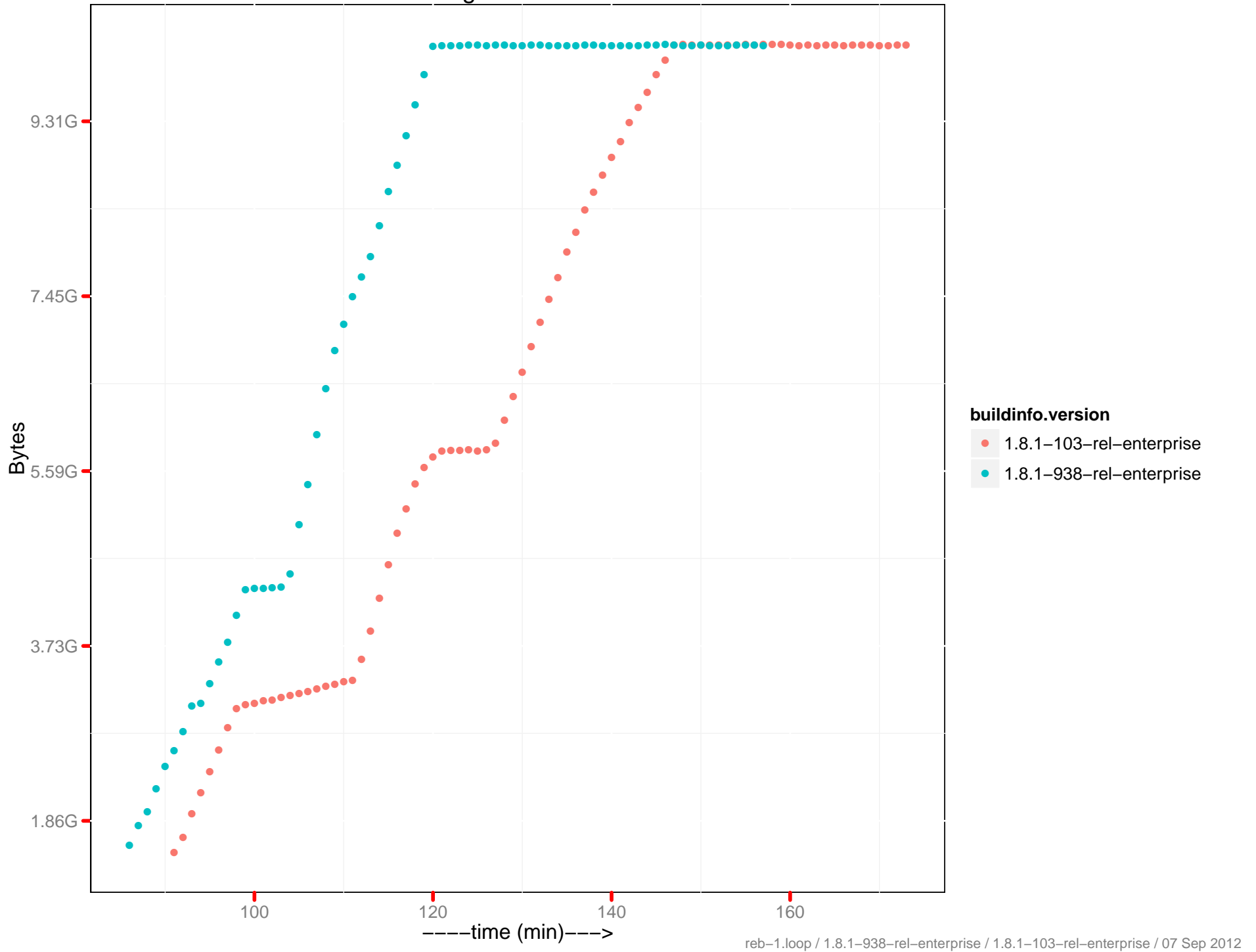
CPU utilization – 10.2.2.233:8091



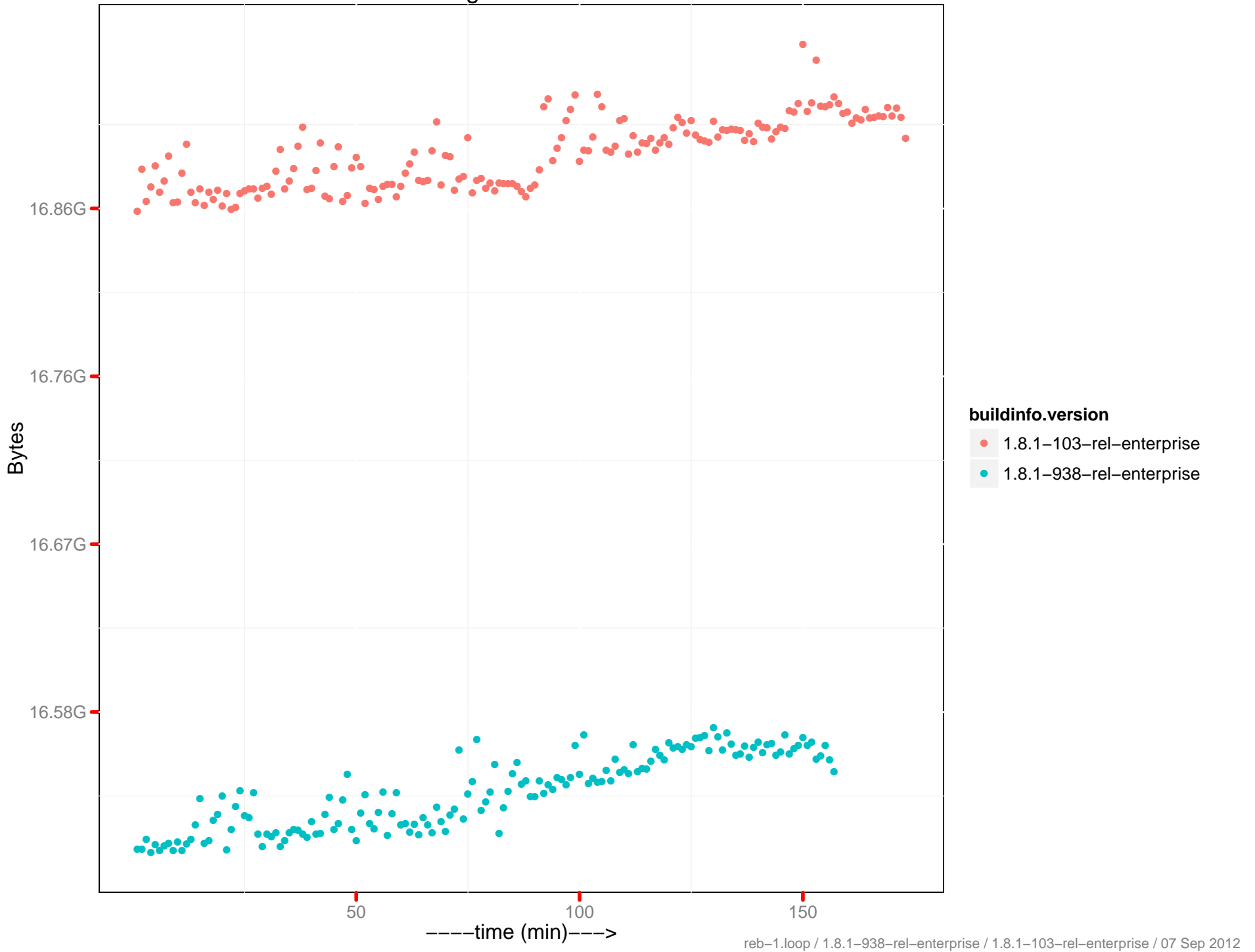
SWAP Usage – 10.2.2.230:8091



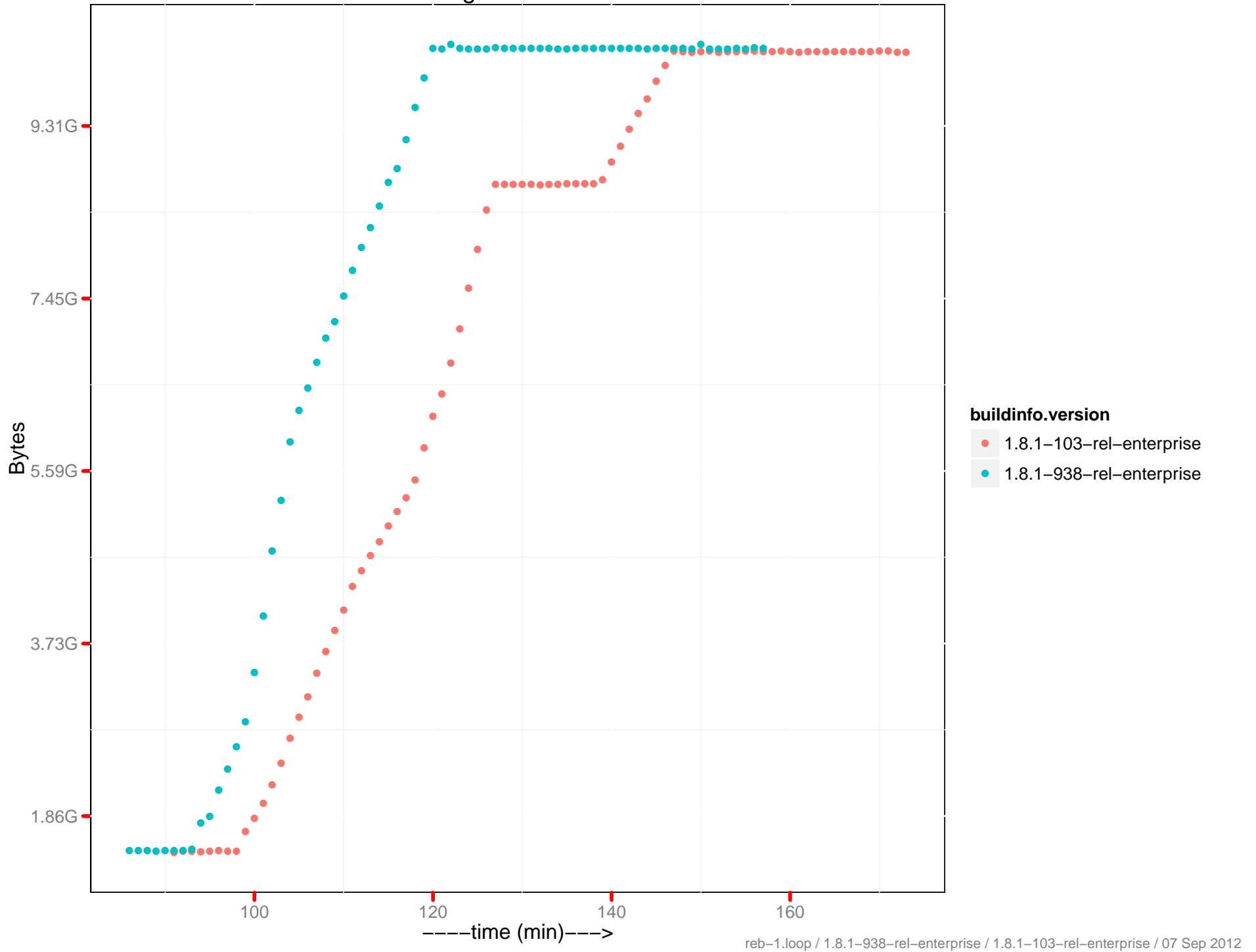
SWAP Usage – 10.2.2.231:8091



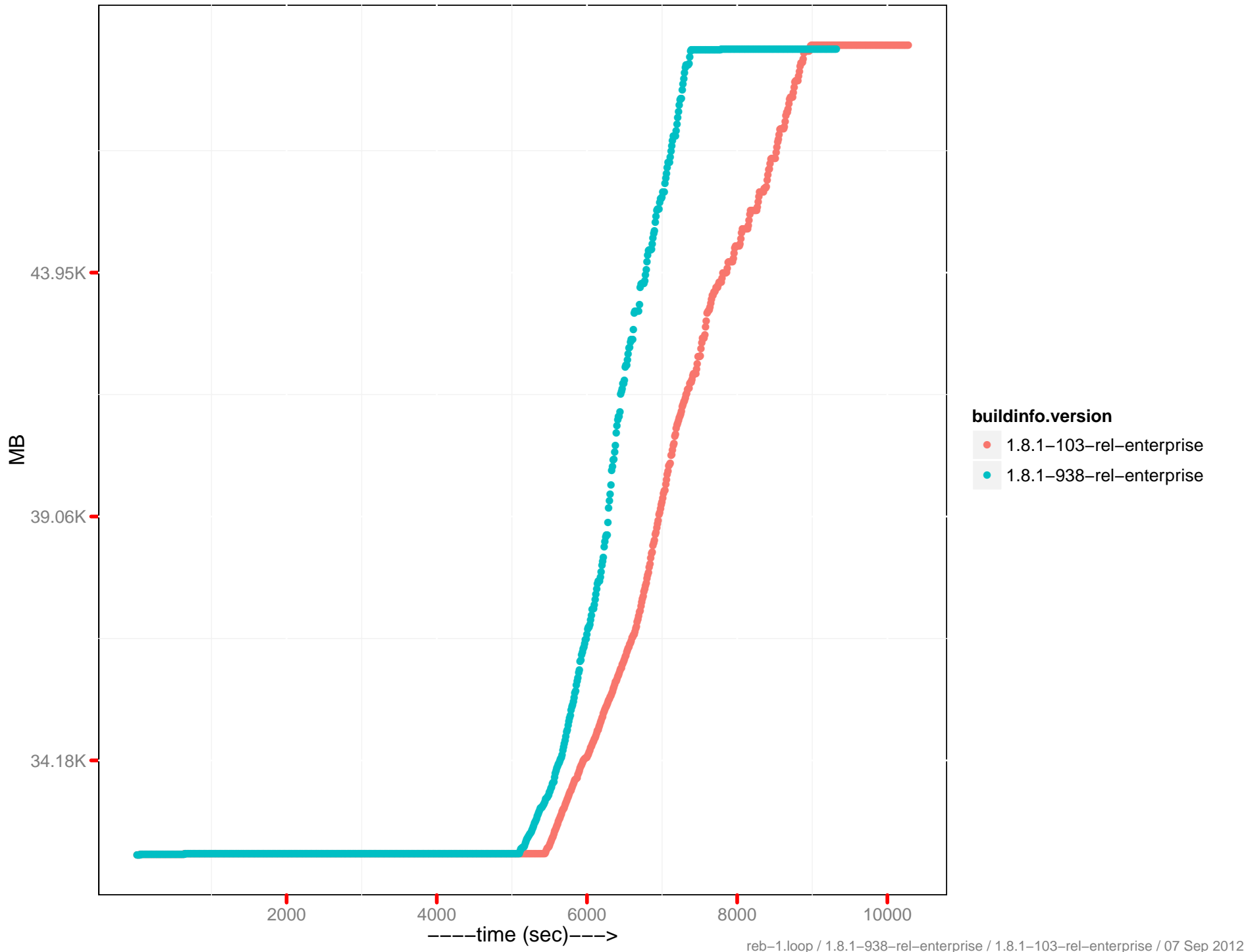
SWAP Usage – 10.2.2.232:8091



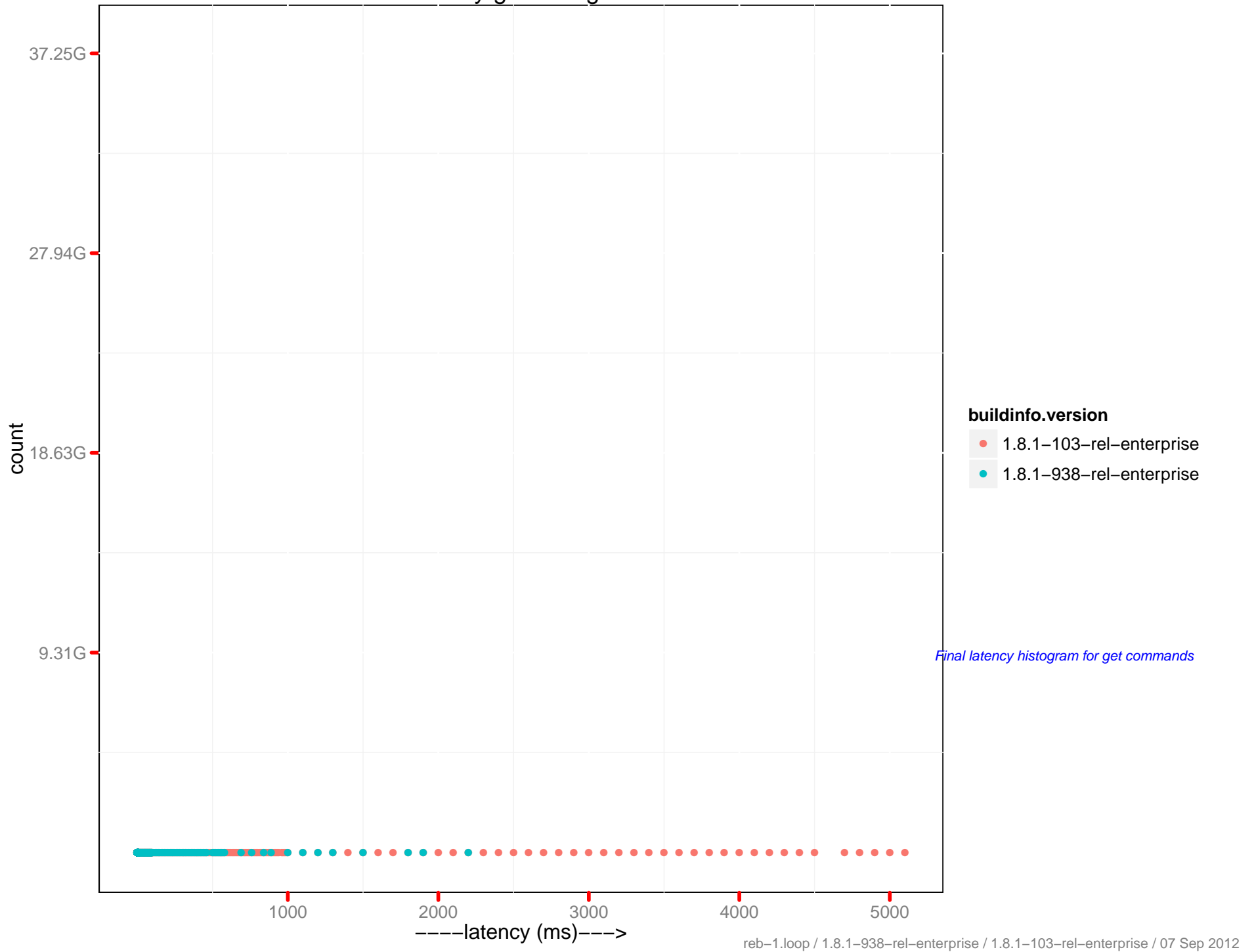
SWAP Usage – 10.2.2.233:8091



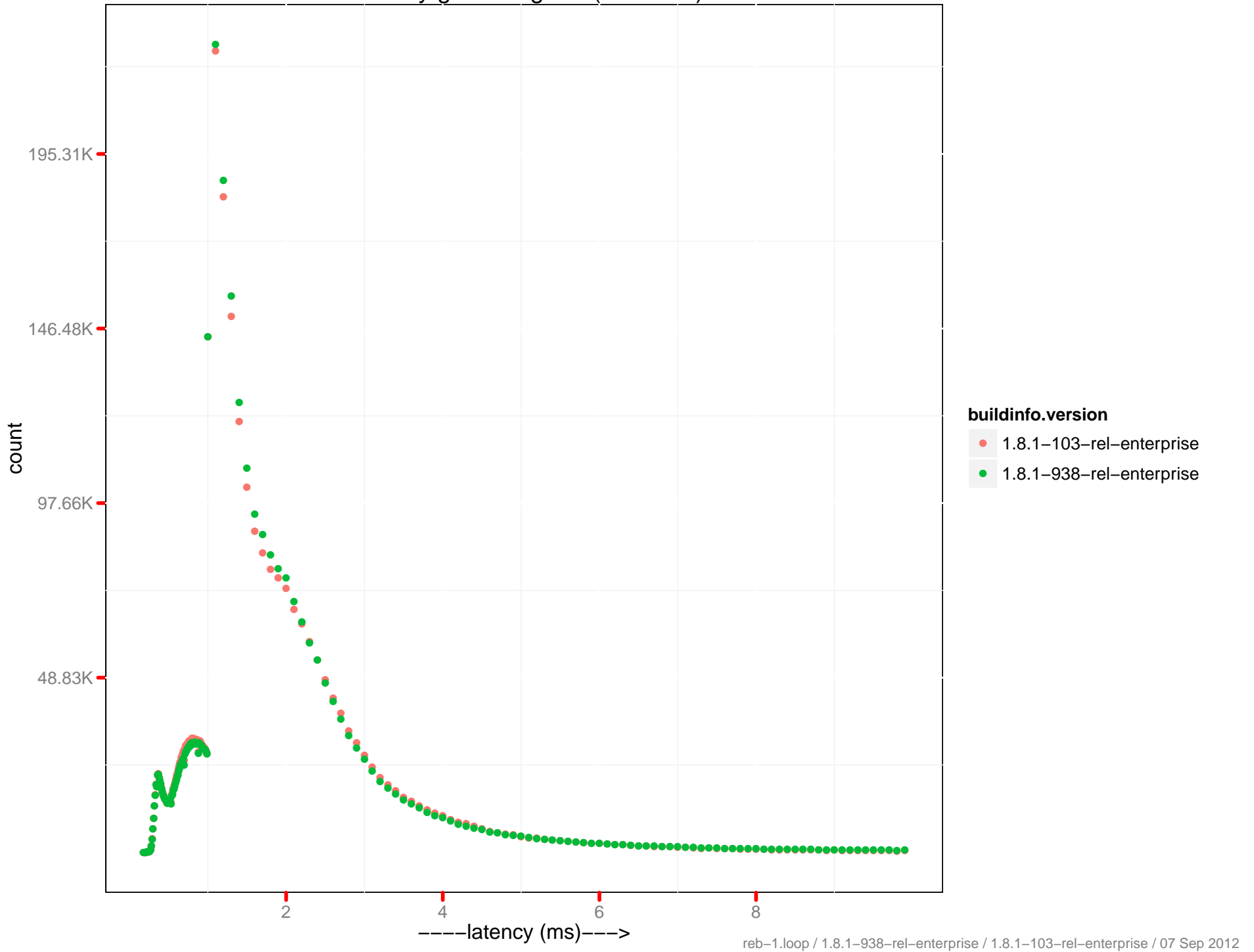
Data disk size



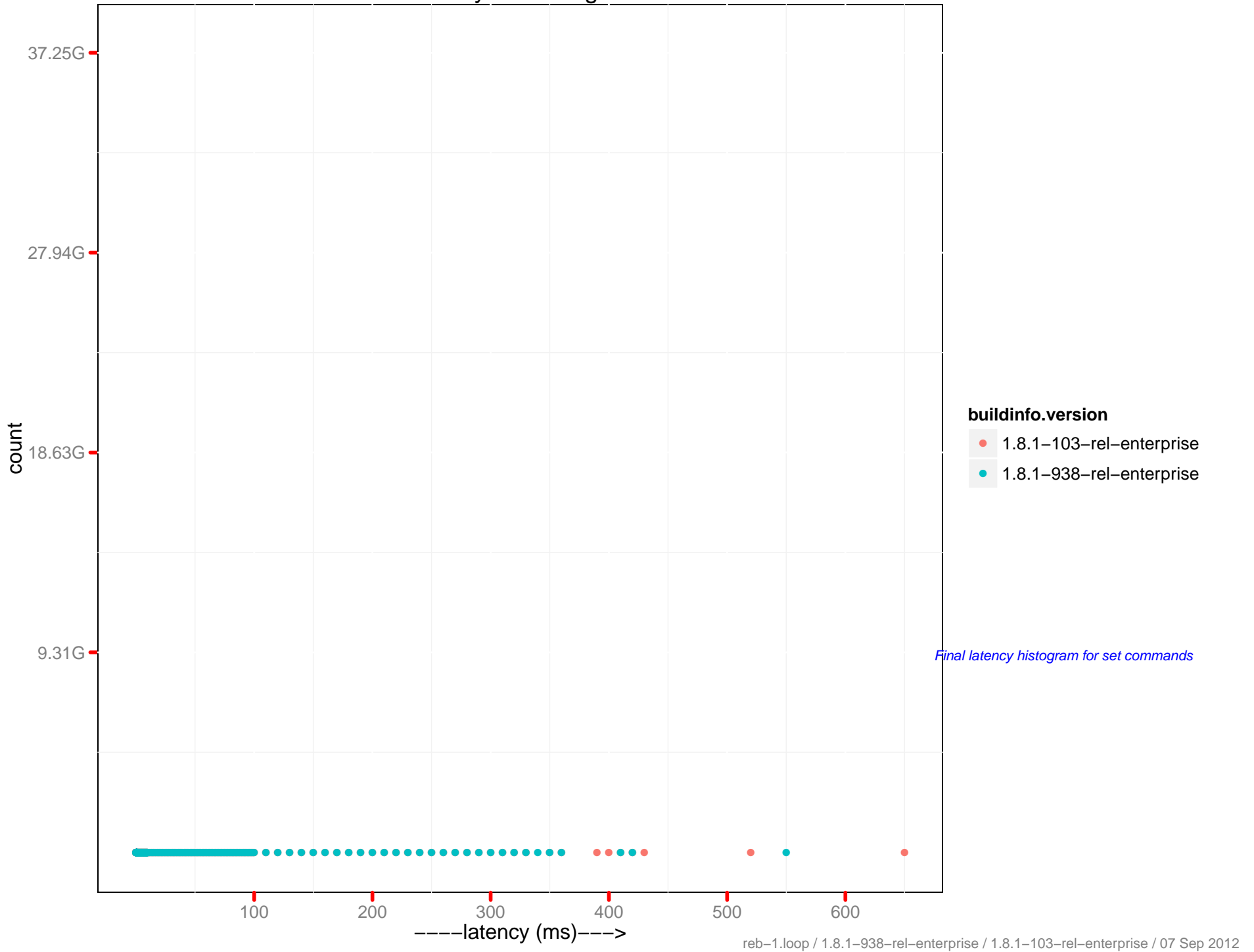
Latency get histogram



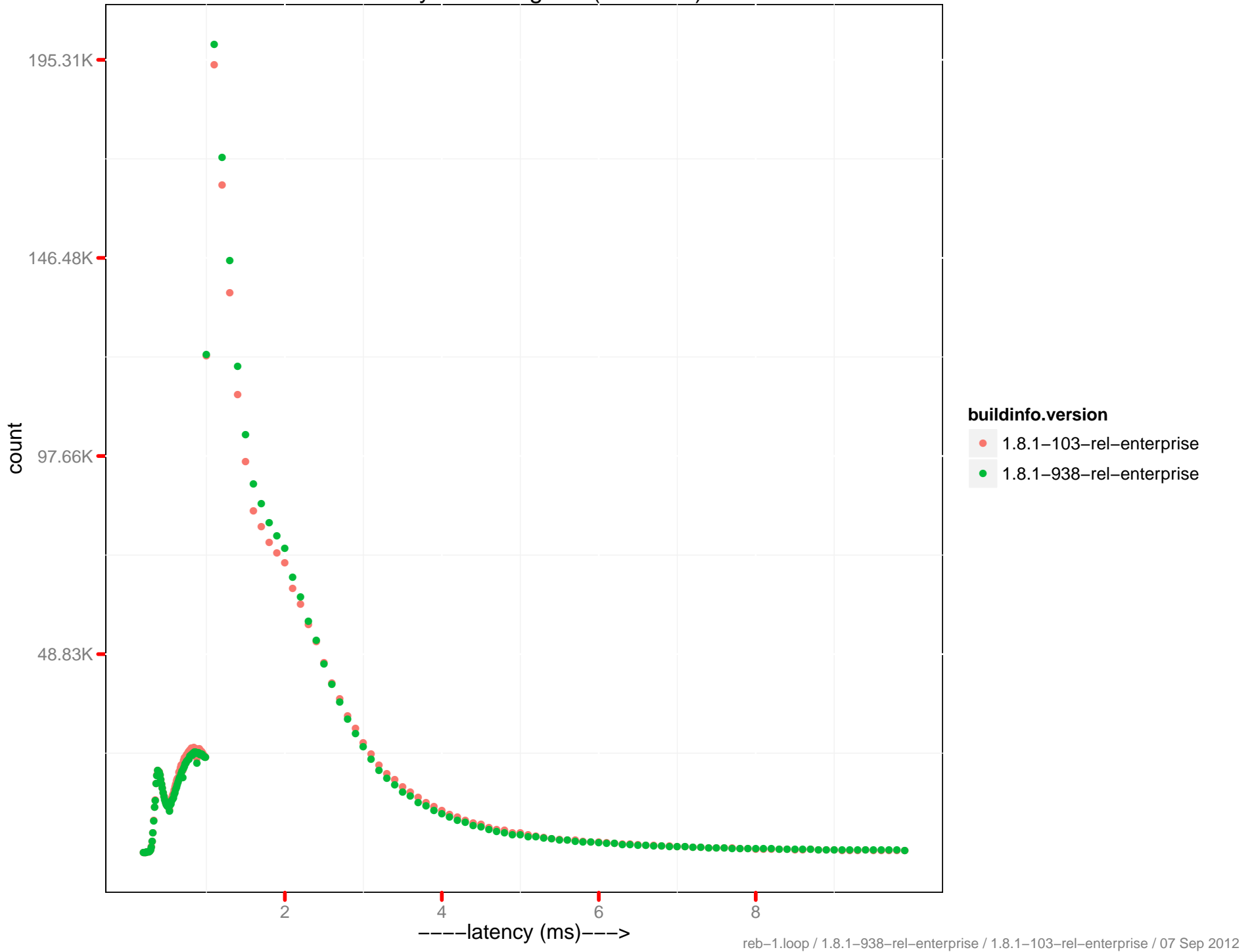
Latency get histogram (0-10 ms)



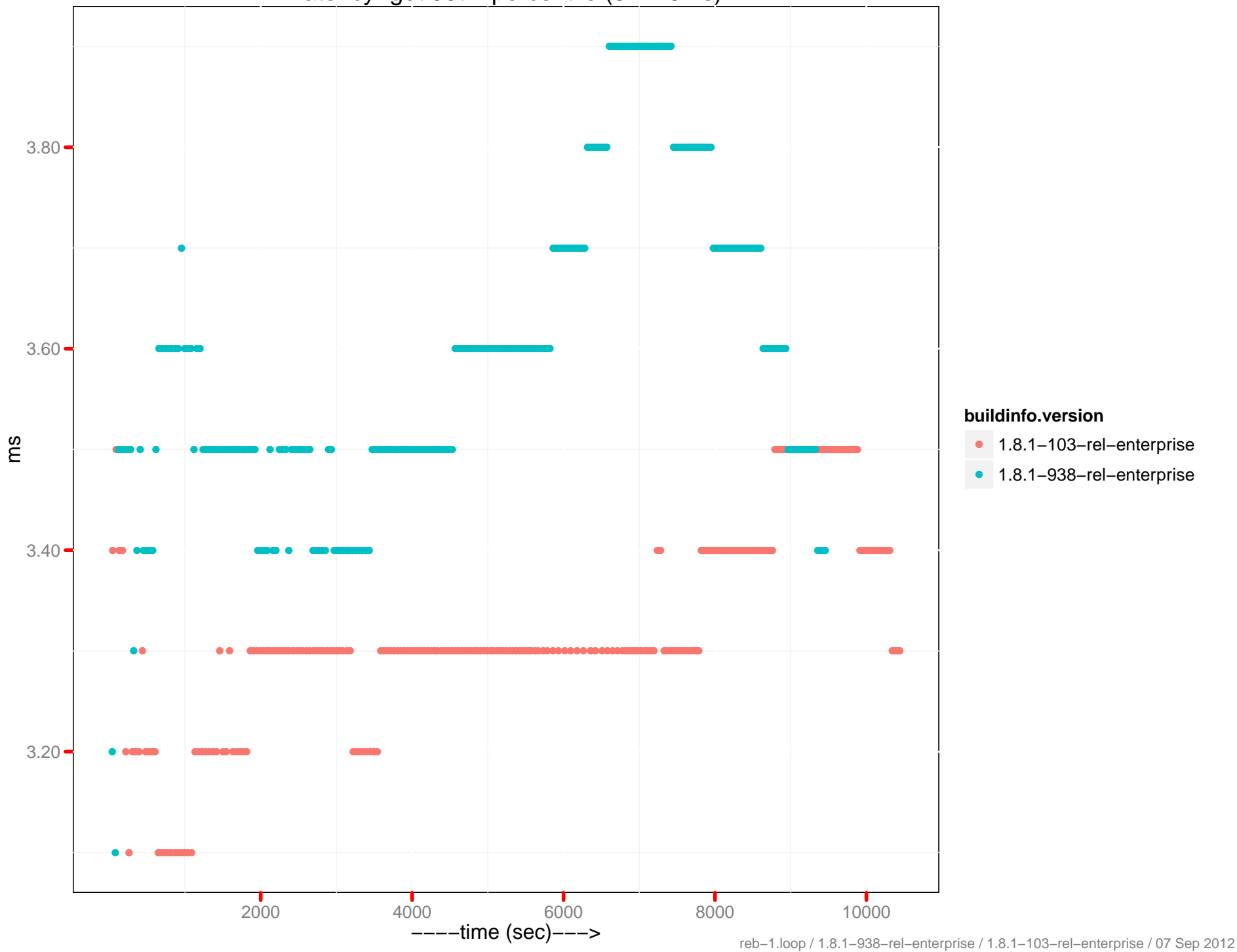
Latency set histogram



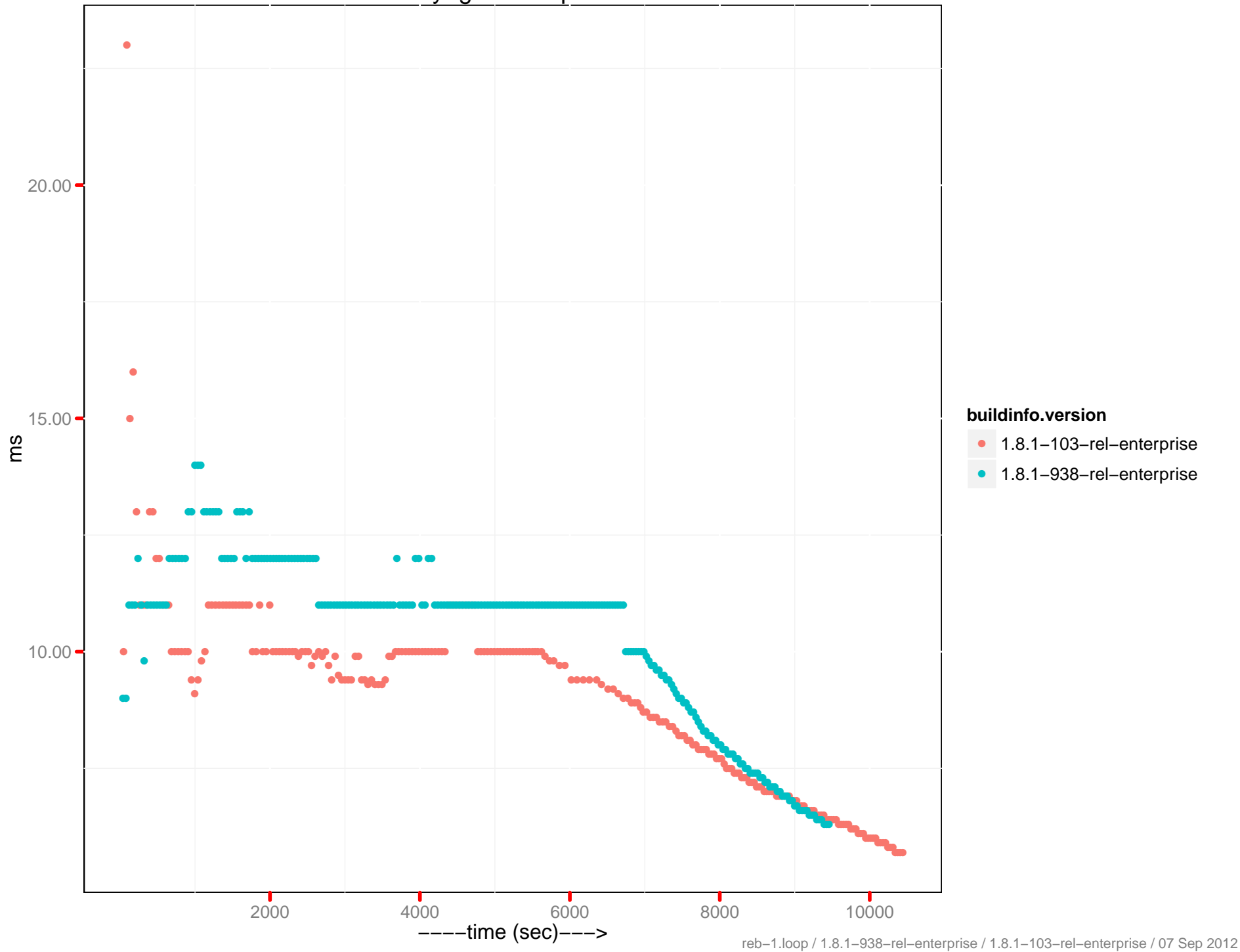
Latency set histogram (0-10 ms)



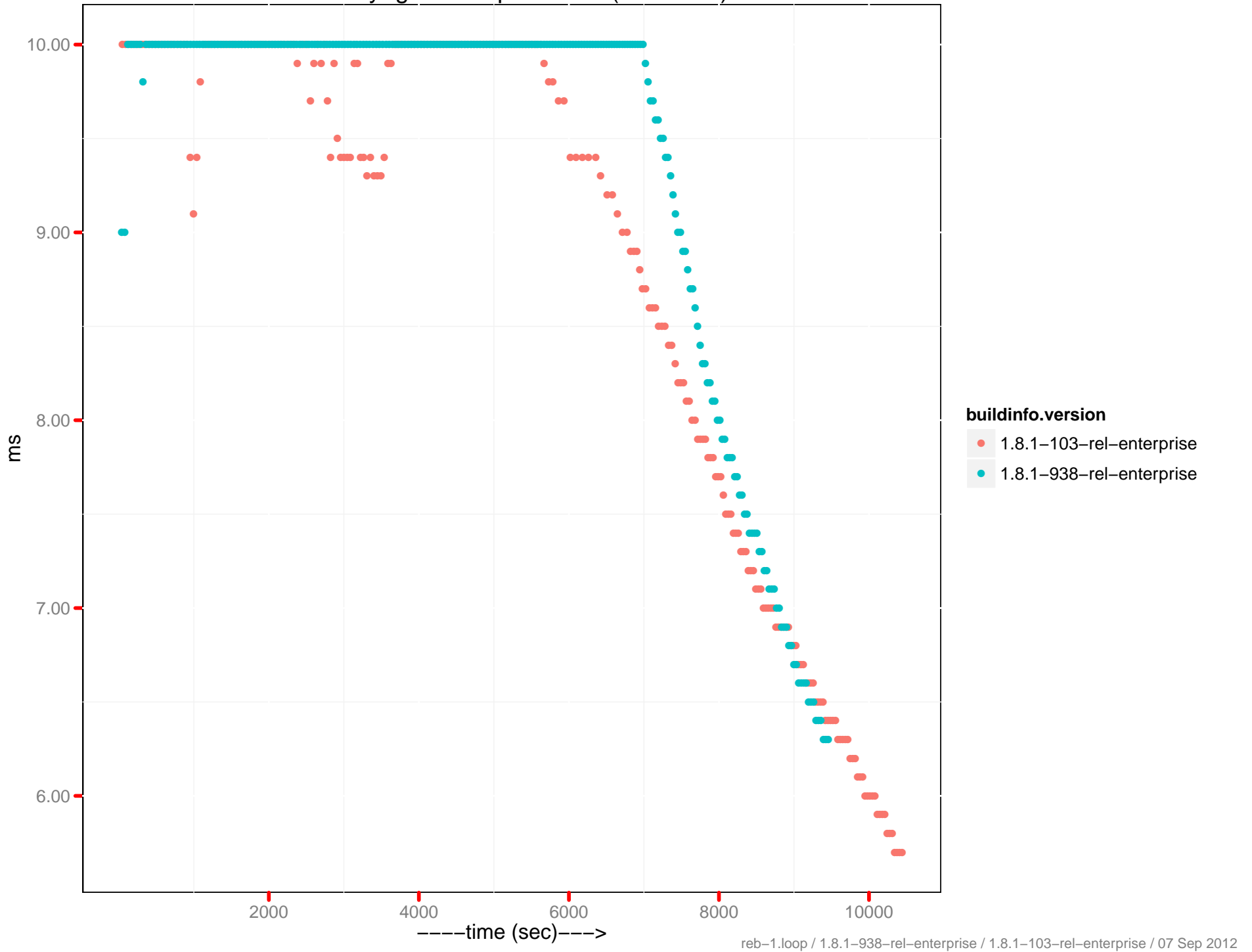
Latency-get 90th percentile (0 - 10ms)



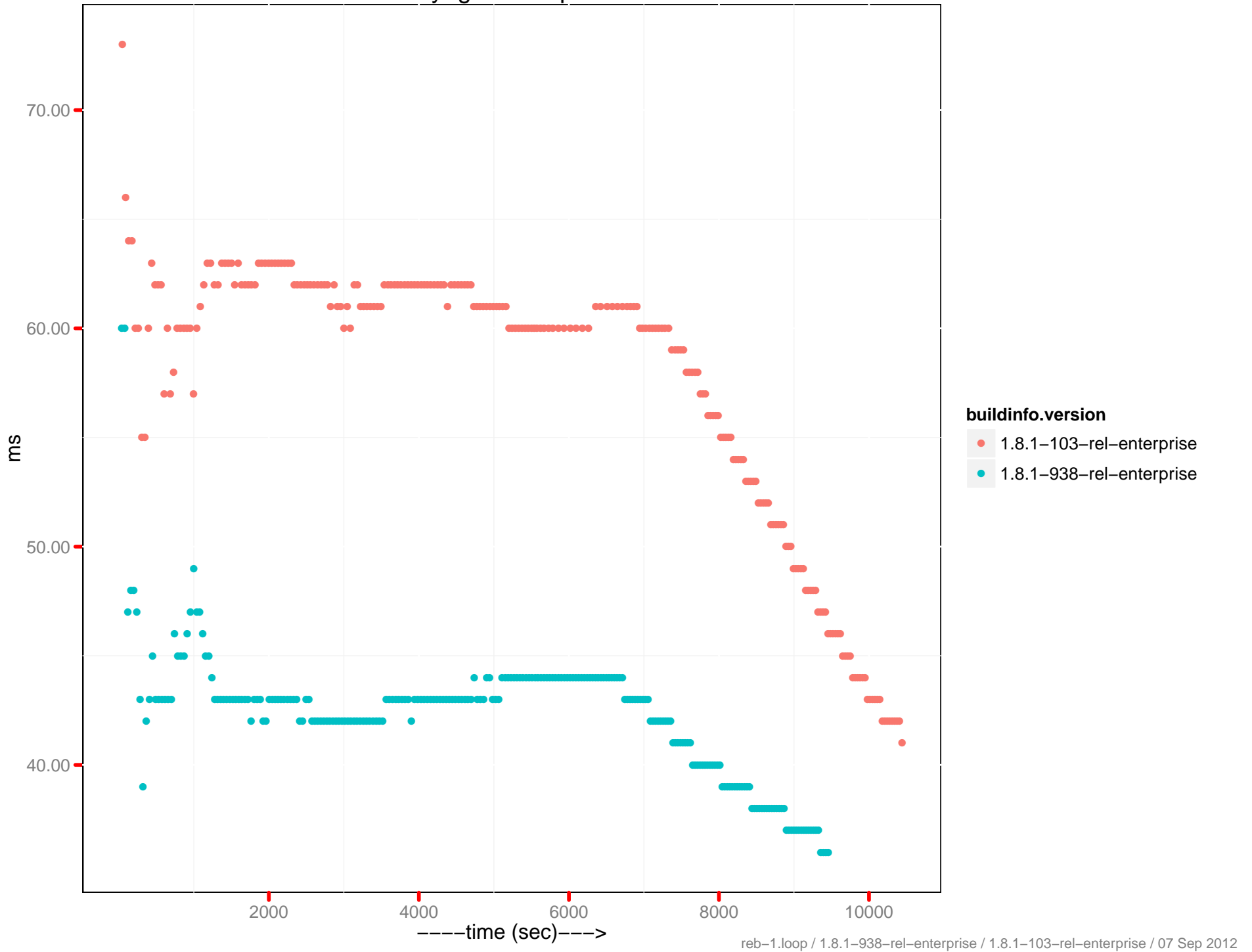
Latency-get 95th percentile



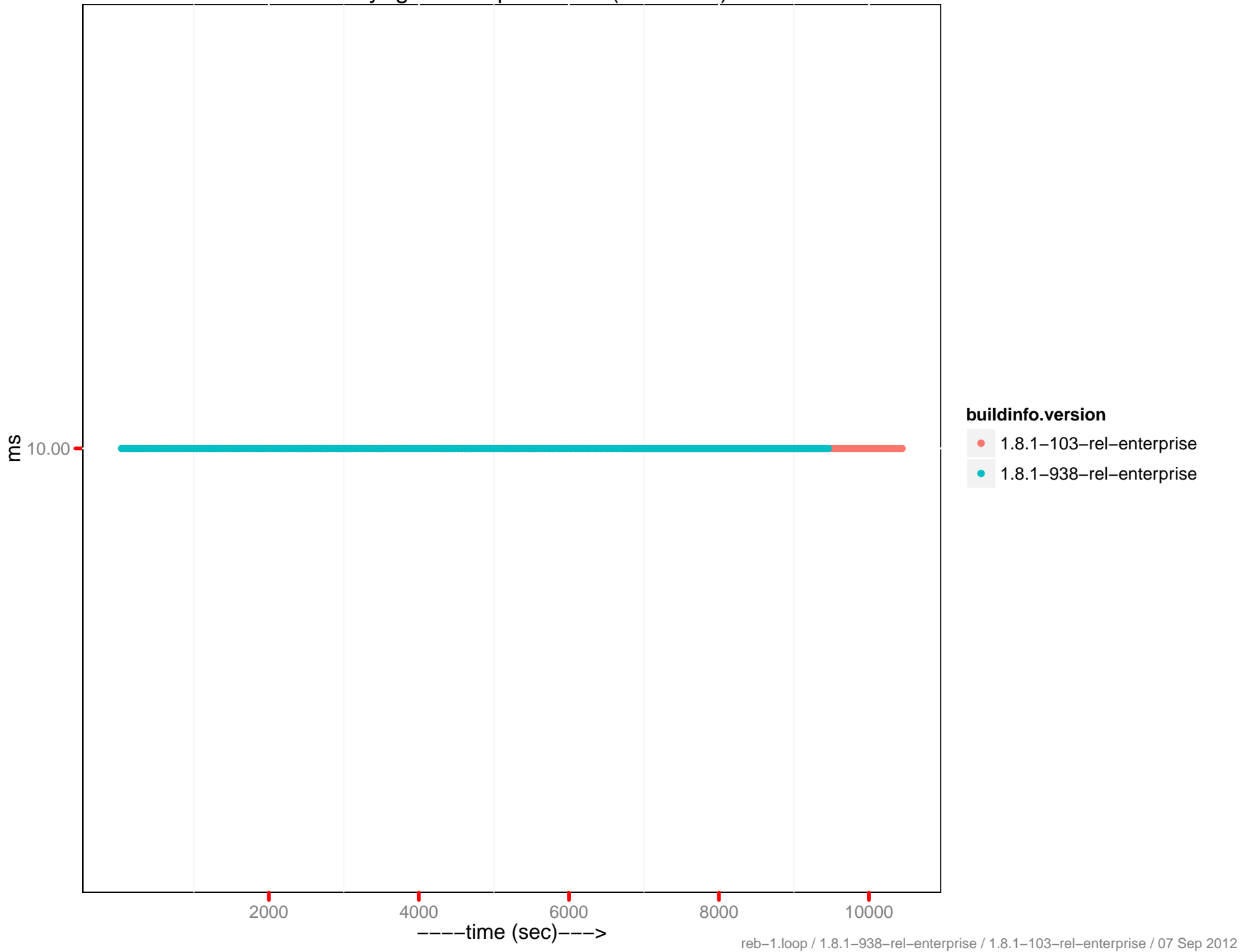
Latency-get 95th percentile (0 - 10ms)



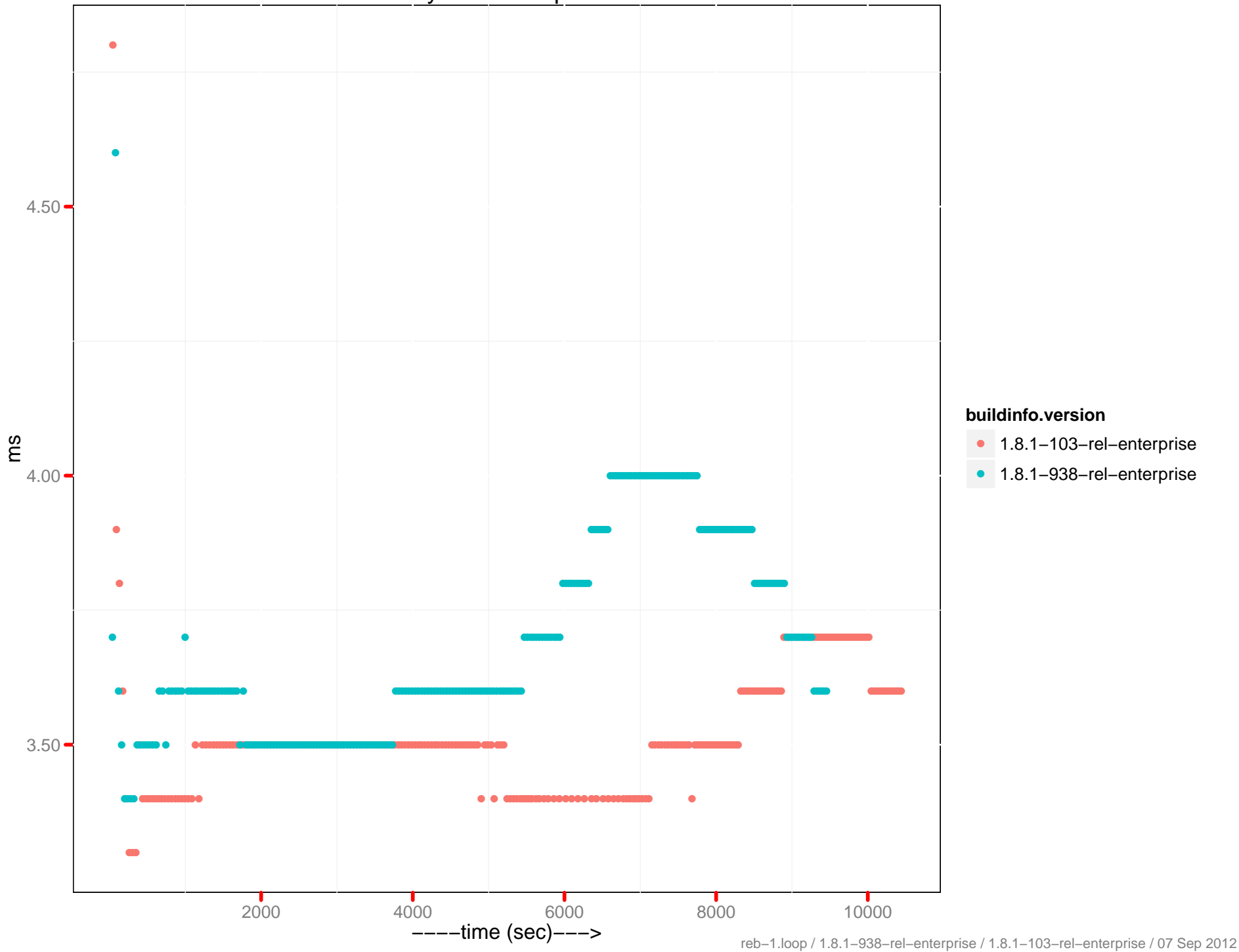
Latency-get 99th percentile



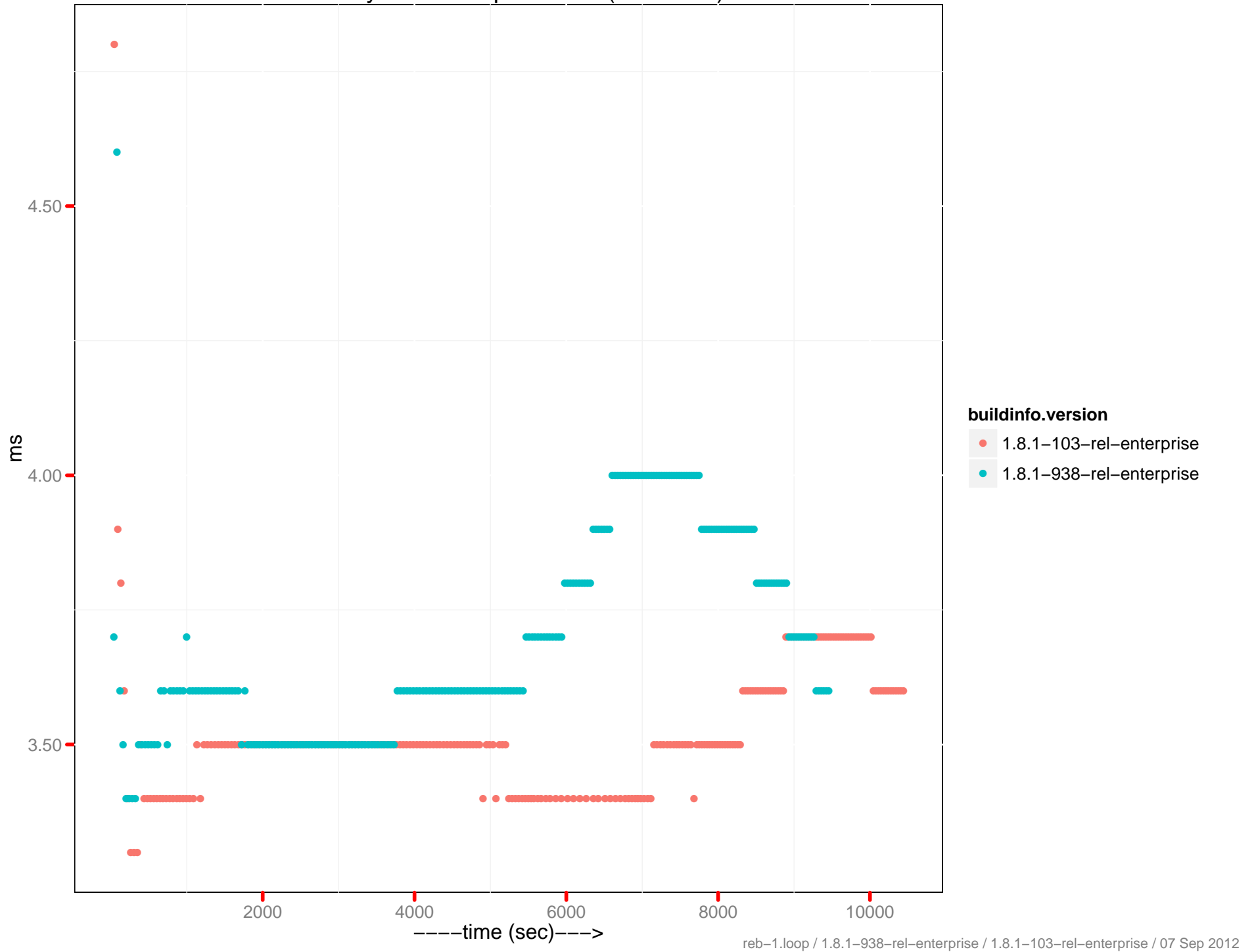
Latency-get 99th percentile (0 - 10ms)



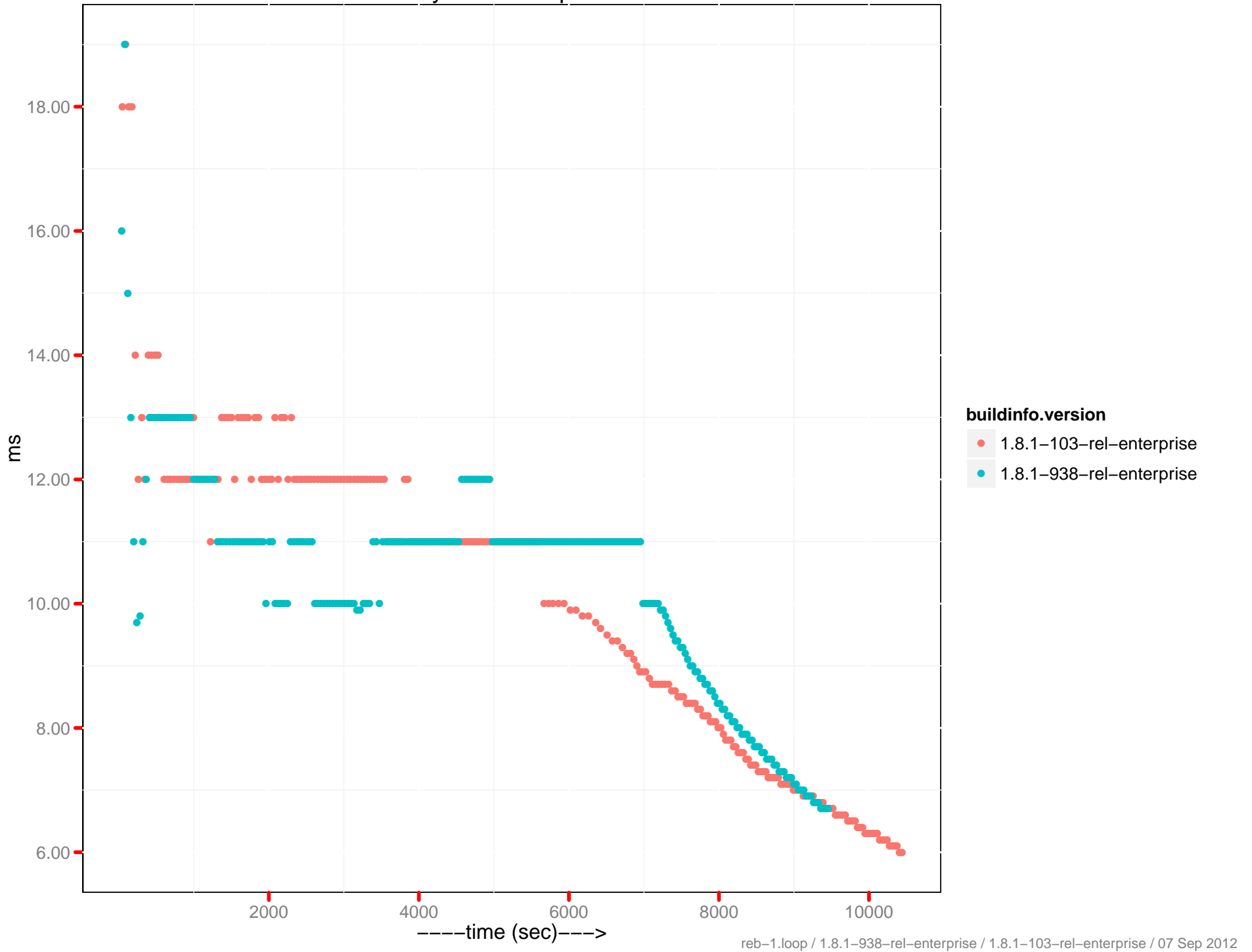
Latency-set 90th percentile



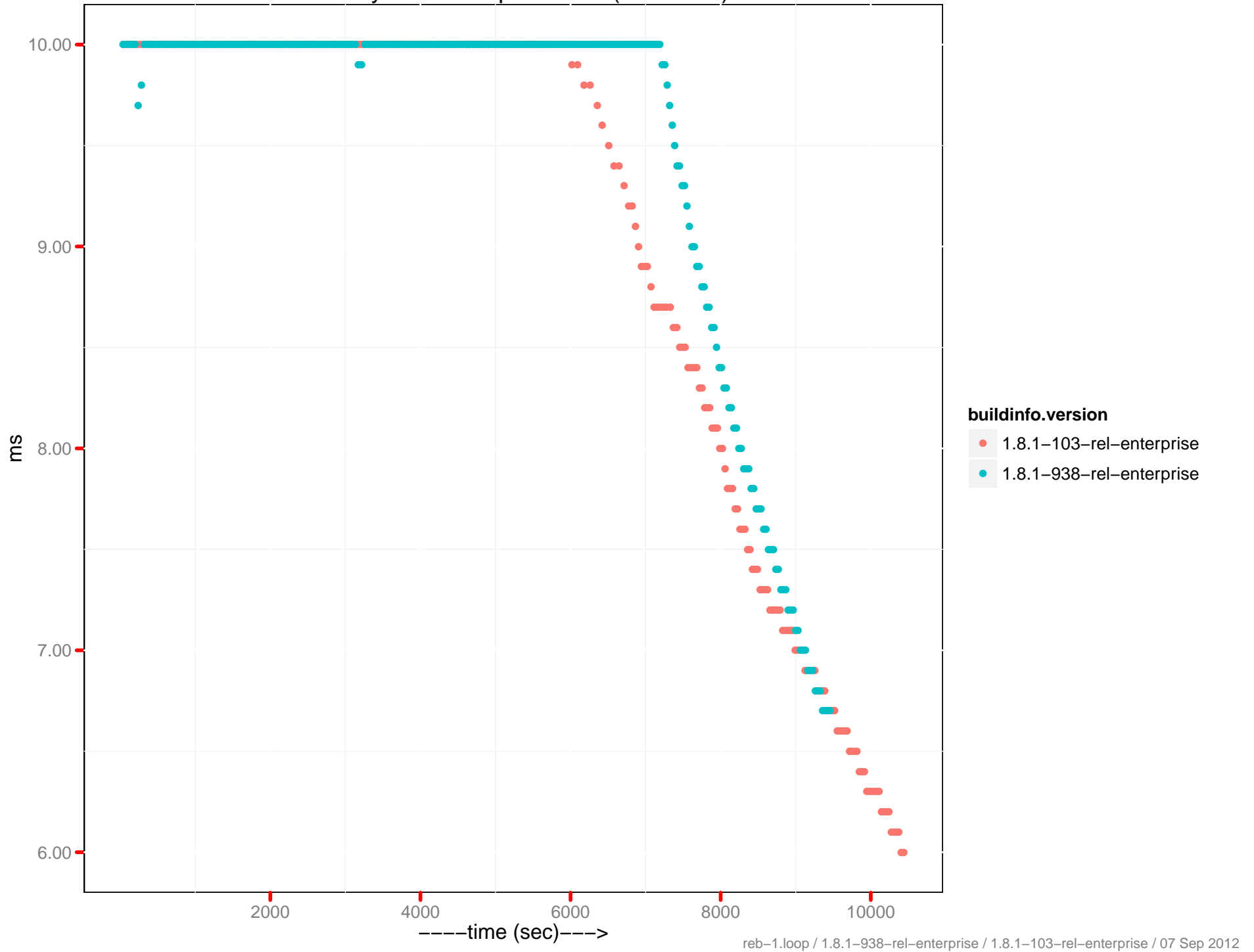
Latency-set 90th percentile (0 - 10ms)



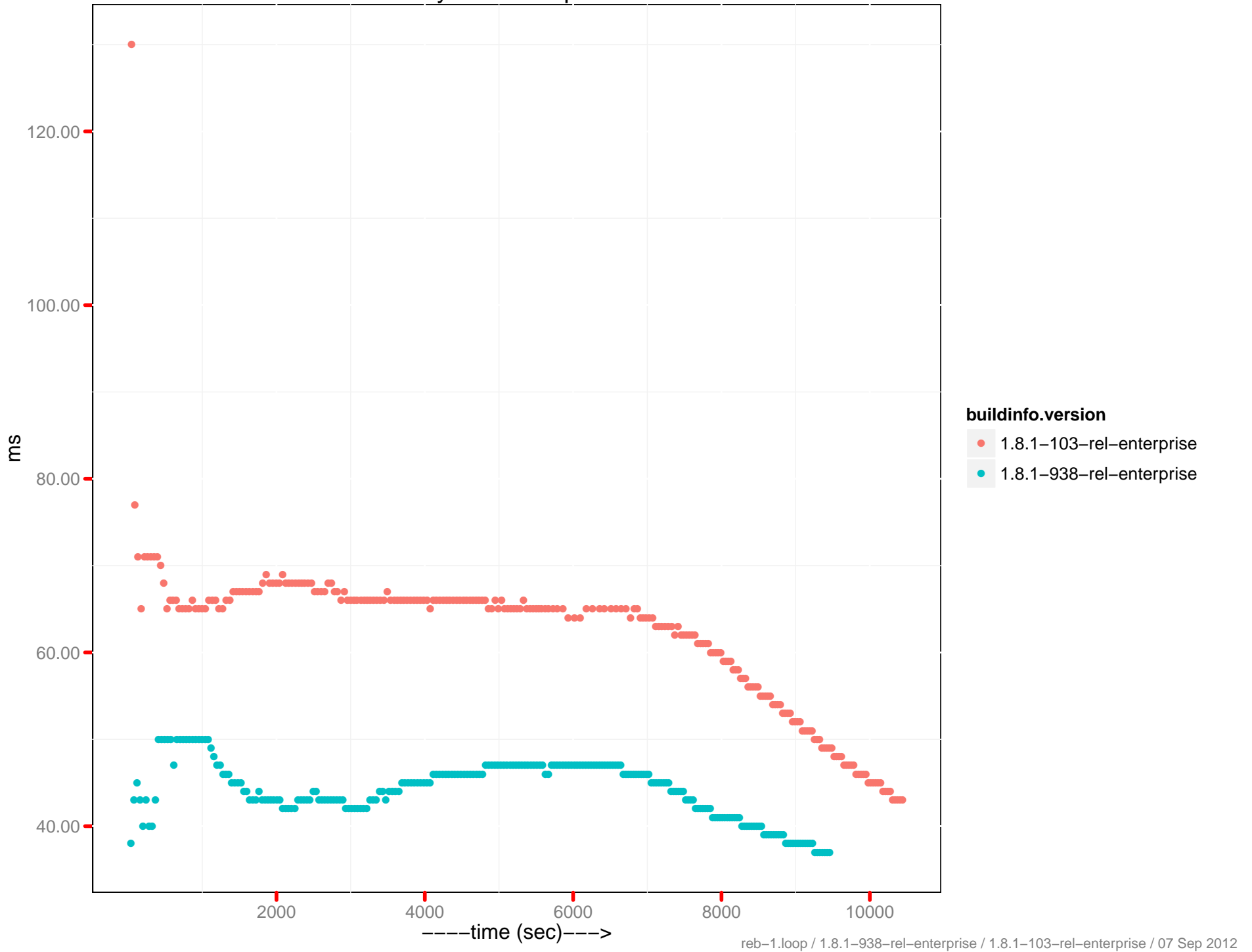
Latency-set 95th percentile



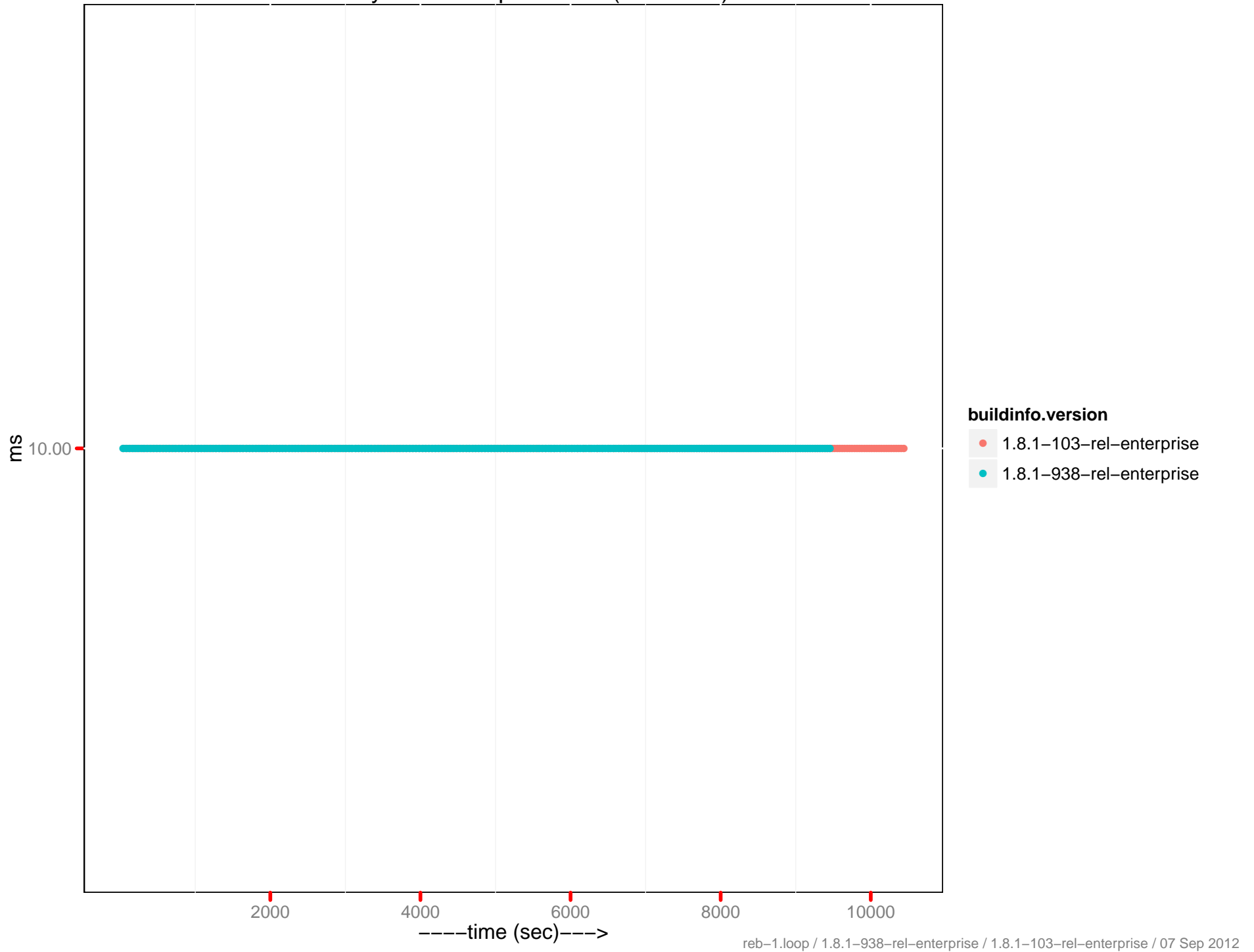
Latency-set 95th percentile (0 - 10ms)



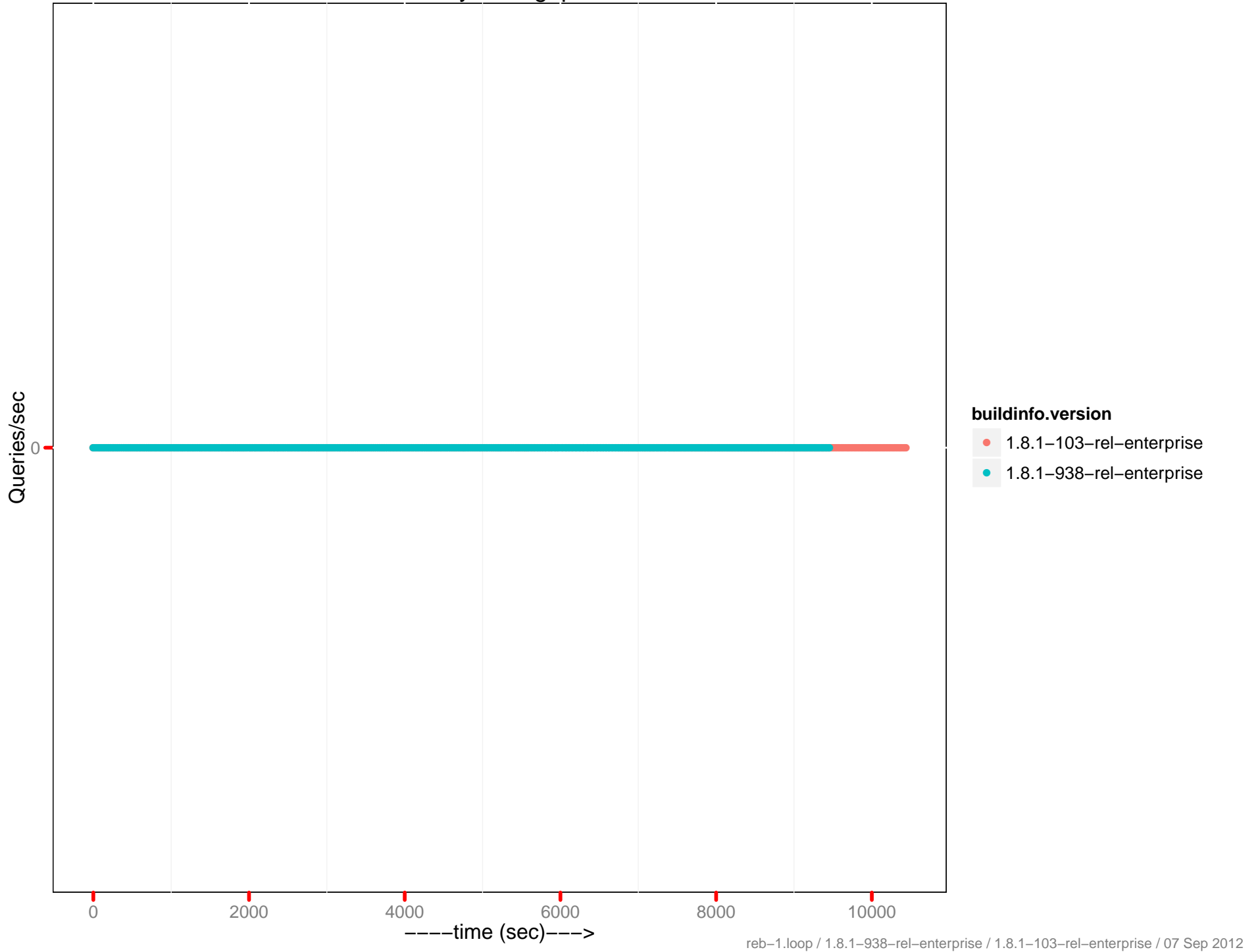
Latency-set 99th percentile



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



Query throughput




```
reb-1.conf
# rebalance mixed 7M load, 1M hot reload, 3M access creates
# speed limit = 3k
#
performance.epperf.EPerfClient.test_eperf_rebalance

params:

# general
batch=50
kind=nonjson
mem_quota=20000
db_compaction=30

# load phase
hot_init_items=1000000
items=7000000

# 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=0.99
ratio_hot_sets=0.99
ratio_expirations=0.03
max_creates=3000000

# rebalance
rebalance_after=1500000
num_nodes_after=3
reb_max_retries=5

# control (defaults: pytests/performance/perf_defaults.py)
load_wait_until_drained=1
loop_wait_until_drained=0
mcsoda_heartbeat=3
mcsoda_max_ops_sec=300
tear_down=1
tear_down_proxy=1
tear_down_bucket=0
tear_down_cluster=1
tear_down_on_setup=0
```

```
win.ini
[global]
username:Administrator
password:Membase123
port:8091
data_path:e:/data

[servers]
1:10.2.2.230
2:10.2.2.231
3:10.2.2.232
4:10.2.2.233

[clients]
1:10.2.2.240
2:10.2.2.242
3:10.2.2.245
4:10.2.2.246
5:10.2.2.243
6:10.2.2.244

[membase]
rest_username:Administrator
rest_password:password

[dashboard]
1:dashboard.hq.couchbase.com:80
```