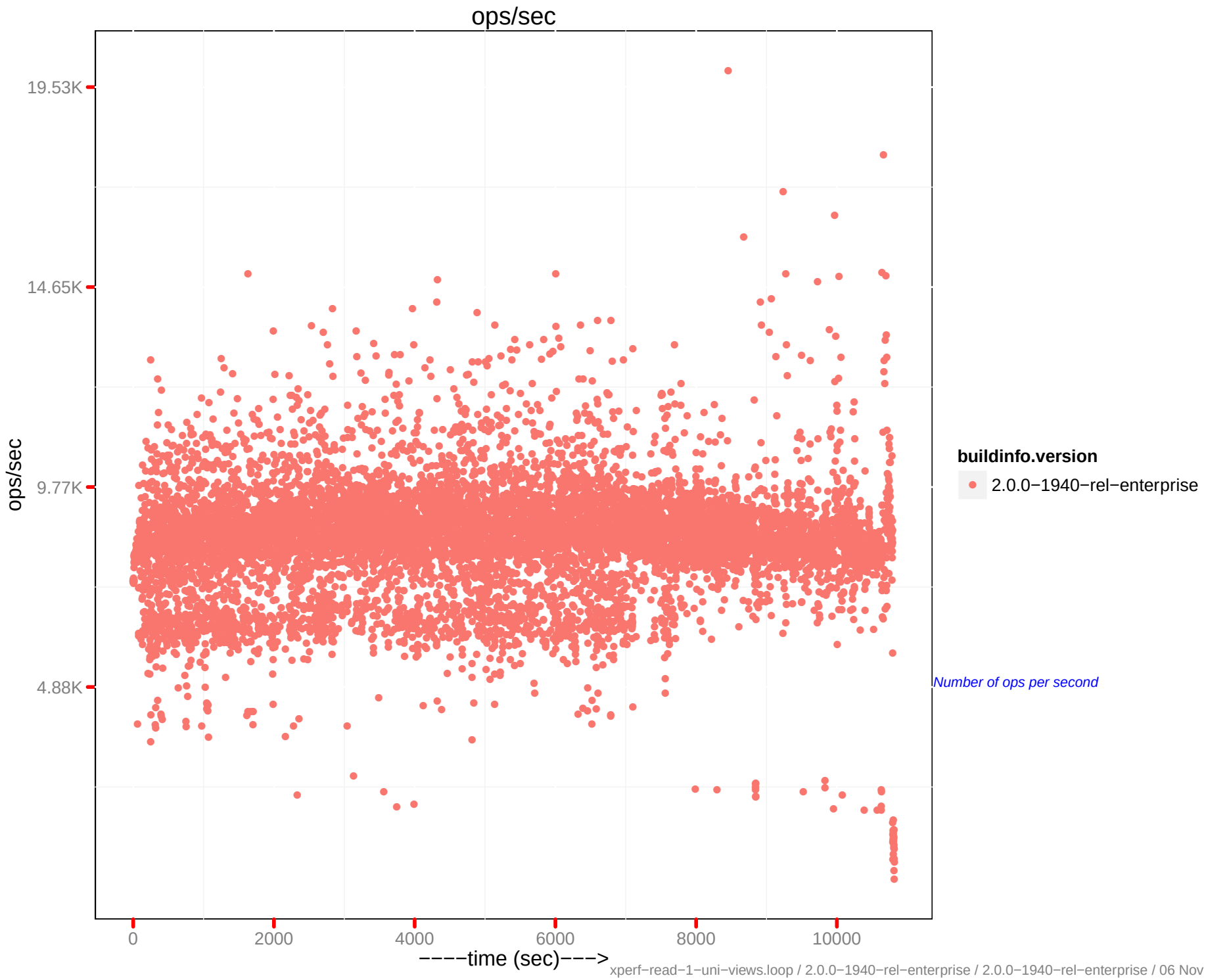
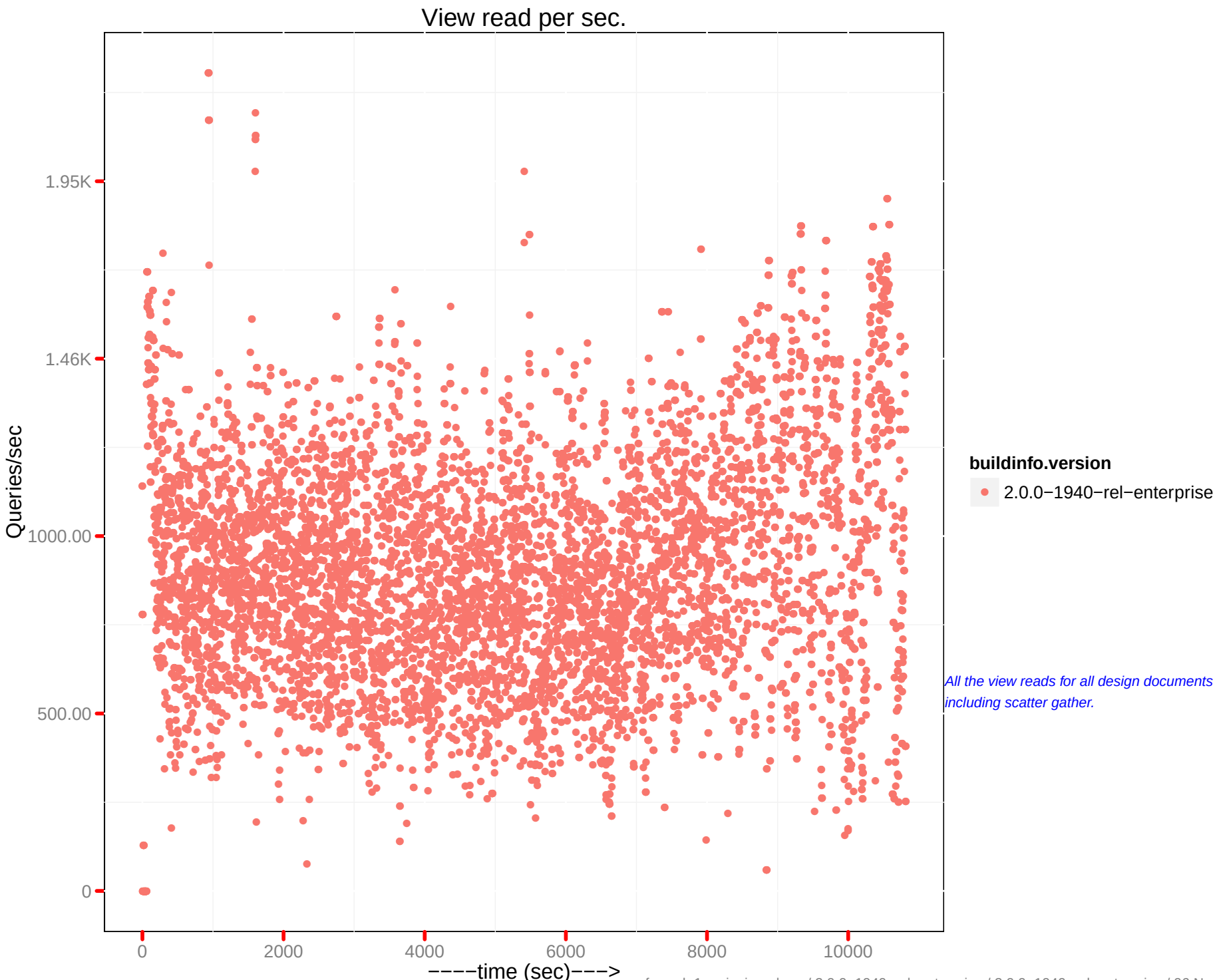
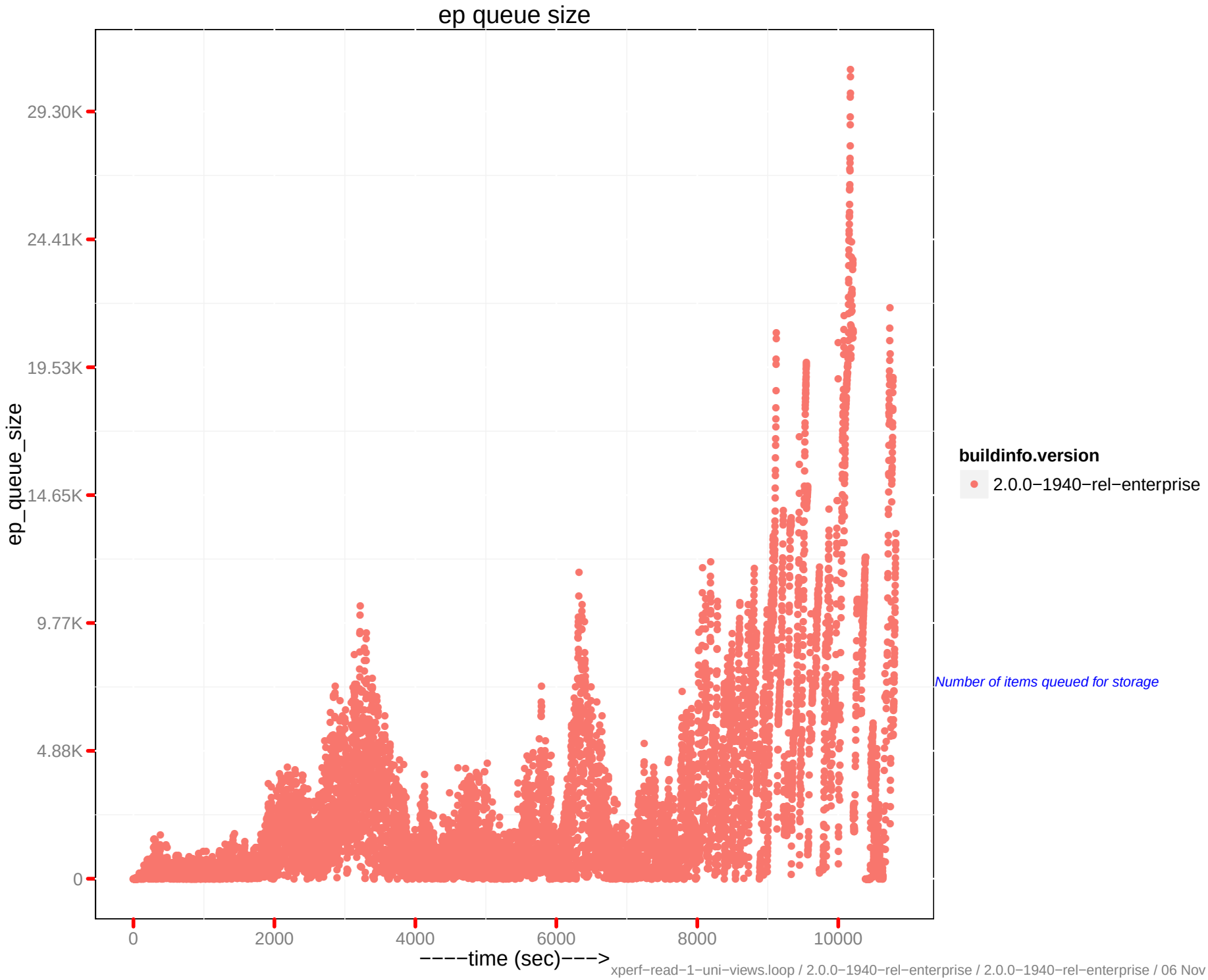
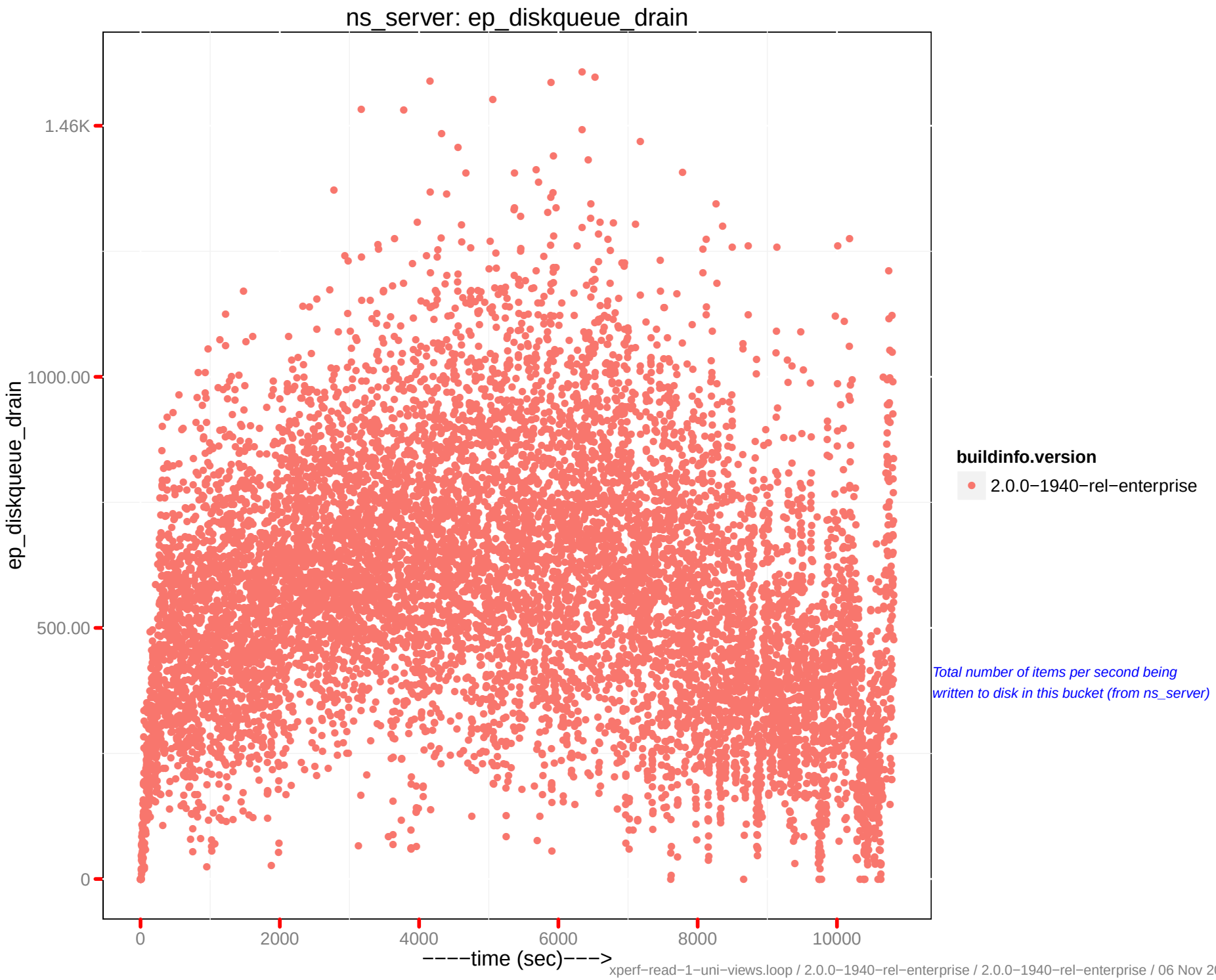
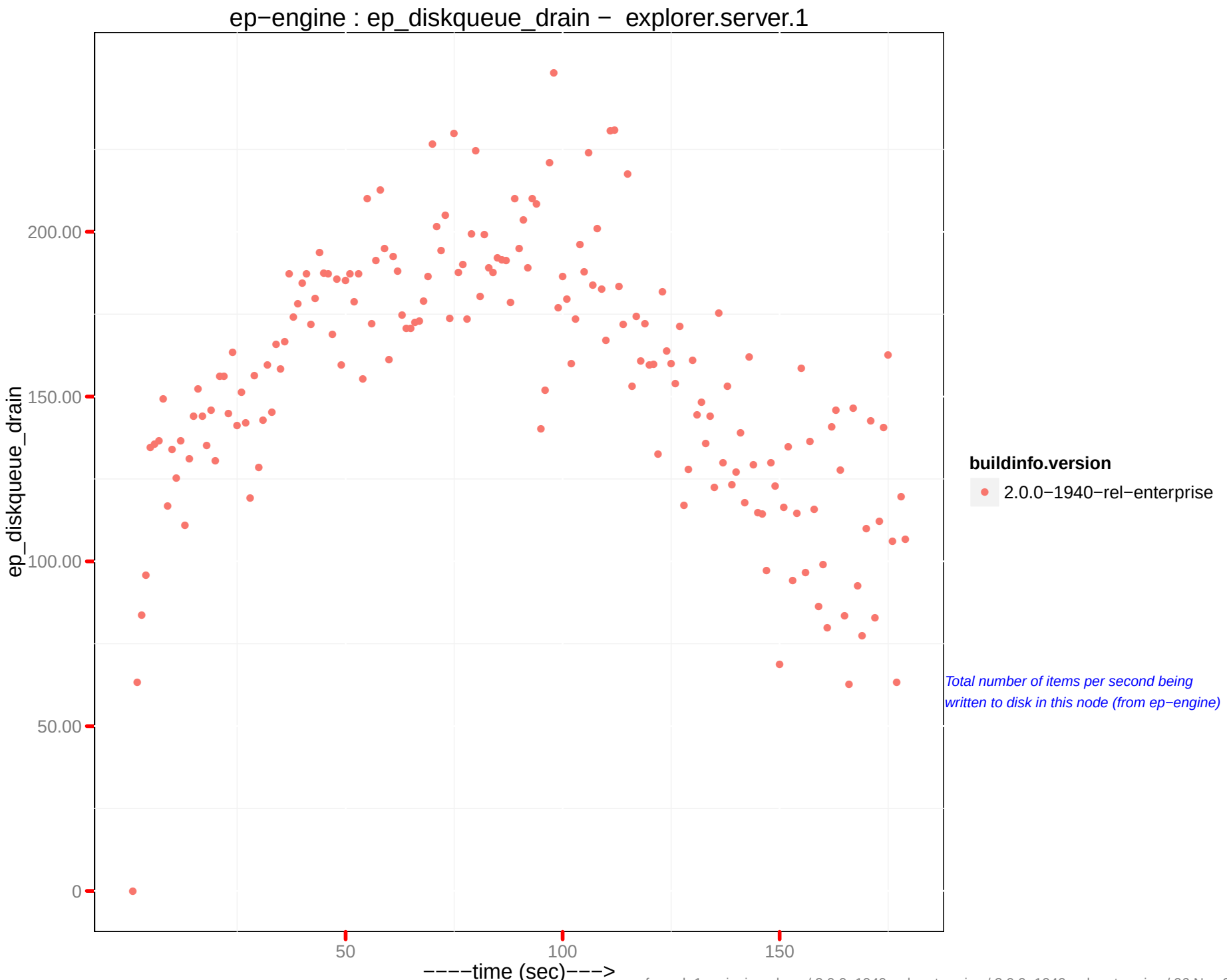
| | 2.0.0 − 1940 | 2.0.0 − 1940 |
|---|---|---|
| *Runtime (in hr)* | 3.01 | NA |
| *Avg. Drain Rate* | 567.18 | NANA |
| *Peak Disk (GB)* | 85.57 | NA |
| *Peak Memory (GB)* | 11.87 | NA |
| *Avg. OPS* | 8.50K | NANA |
| *Avg. mem memcached (GB)* | 11.26 | NA |
| *Avg. mem beam.smp (MB)* | 585.24 | NA |
| *Avg. CPU rate (%)* | 79.8 | NA |
| *Latency−get (90th) (ms)* | 6.18 | NA |
| *Latency−get (95th) (ms)* | 12.2 | NA |
| *Latency−get (99th) (ms)* | 43.23 | NA |
| *Latency−set (90th) (ms)* | NA | NA |
| *Latency−set (95th) (ms)* | NA | NA |
| *Latency−set (99th) (ms)* | NA | NA |
| *Latency−query (80th) (ms)* | 113.47 | NA |
| *Latency−query (90th) (ms)* | 165.65 | NA |
| *Latency−query (95th) (ms)* | 277.75 | NA |
| *Latency−query (99th) (ms)* | 2680 | NA |
| *Latency−query (99.9th) (ms)* | 6476.61 | NA |
| *Avg. QPS* | 229.12 | NA |
| *Avg. XDC ops/sec* | 873.07 | NA |
| *Avg. XDC docs to replicate* | NaN | NA |
| *Rebalance Time (sec)* | 0 | NA |
| *Testrunner Version* | fbc38b5 | NA |

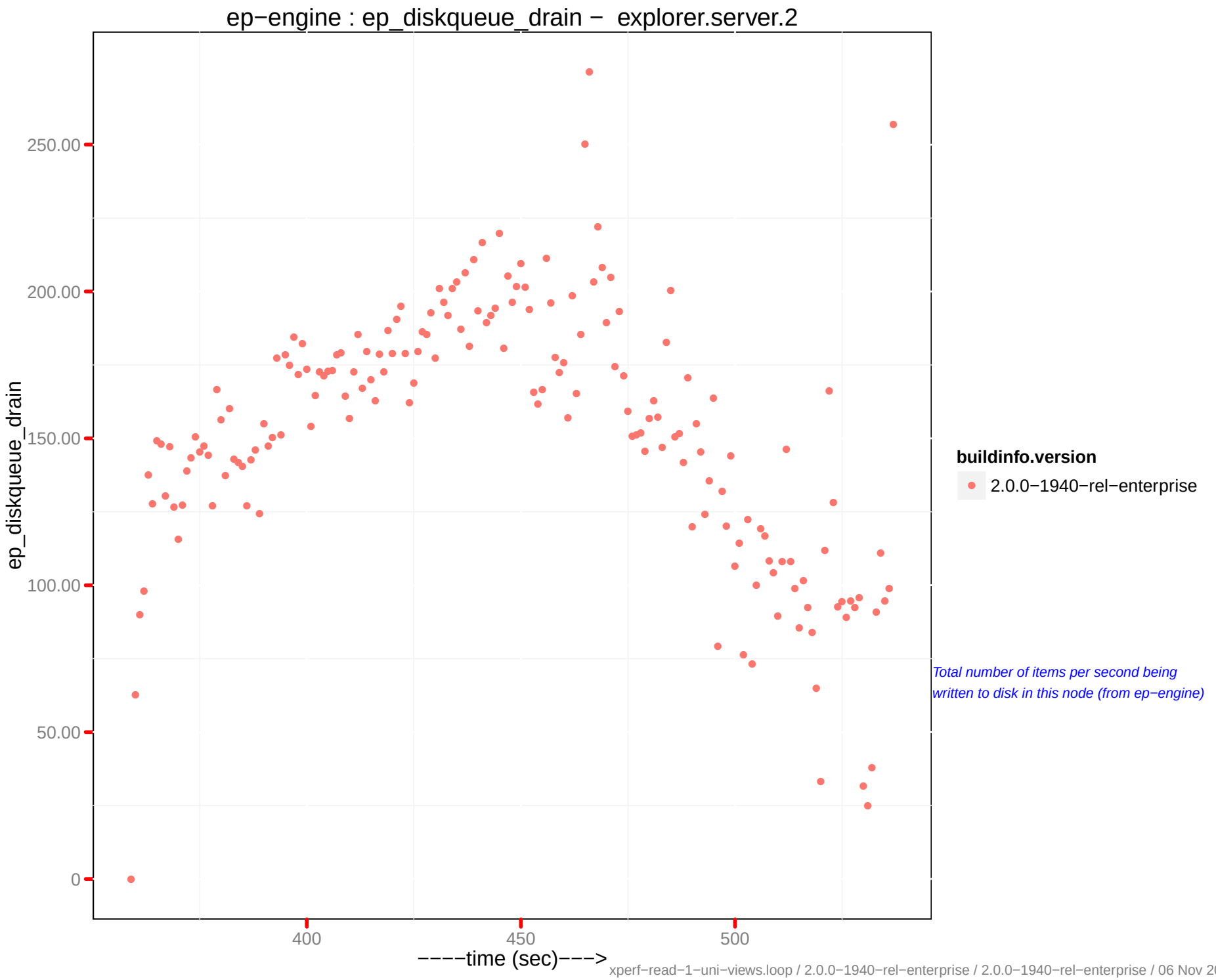

ops/sec
19.53K
14.65K
9.77K
4.88K
ops/sec
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of ops per second
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

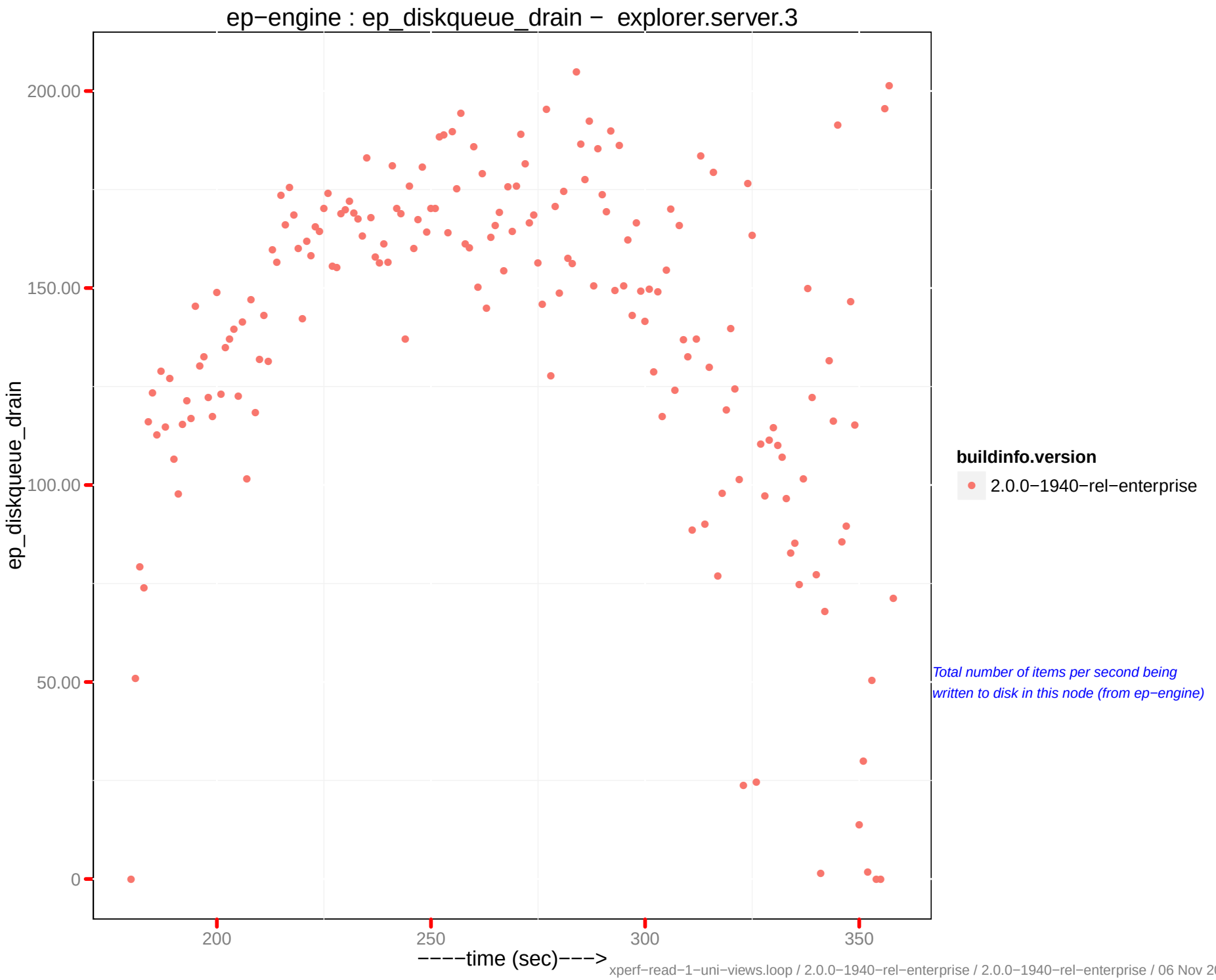

View read per sec.
Queries/sec
1.95K
1.46K
1000.00
500.00
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
All the view reads for all design documents including scatter gather.
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

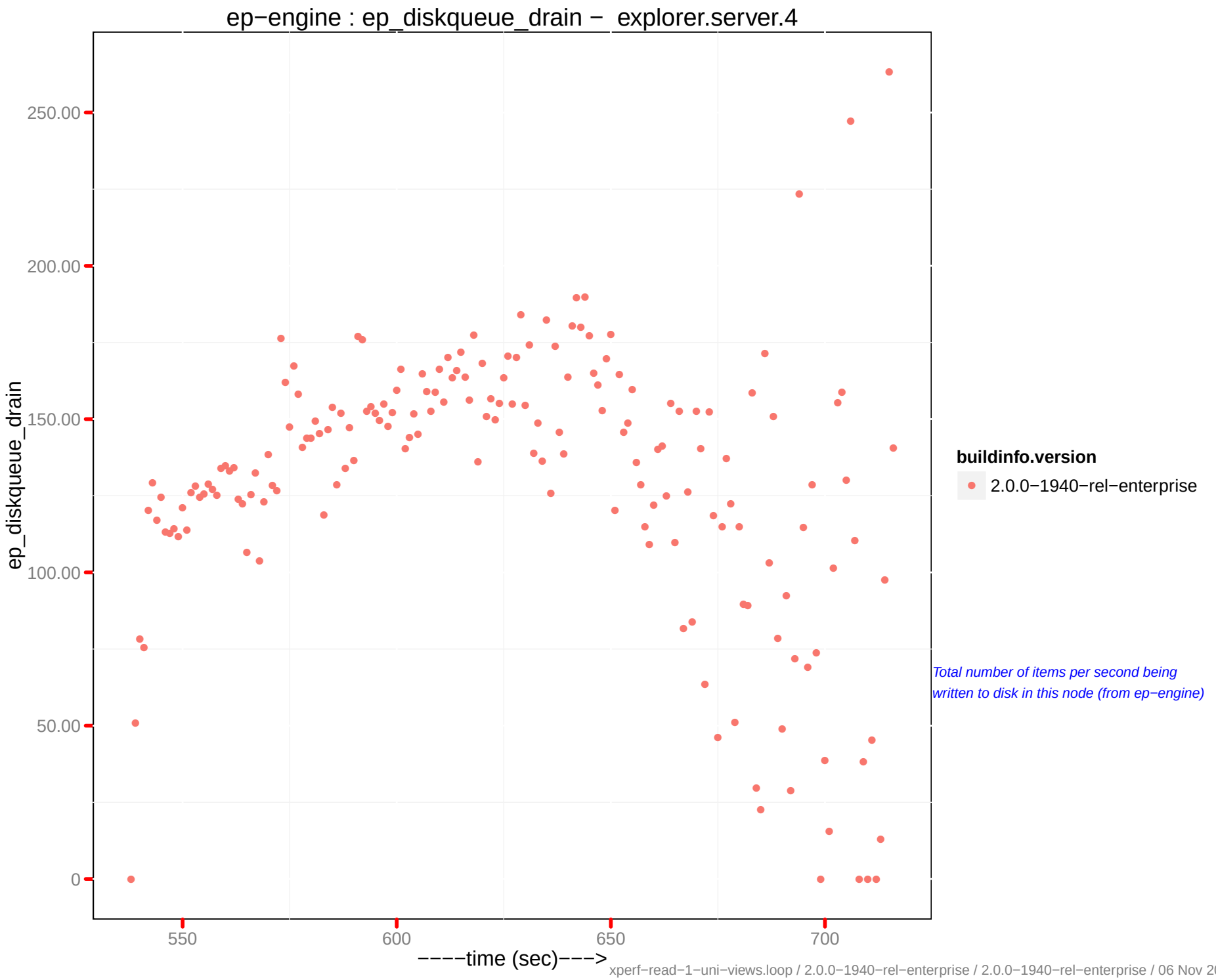

ep queue size
29.30K
24.41K
19.53K
14.65K
9.77K
4.88K
0
ep_queue_size
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of items queued for storage
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

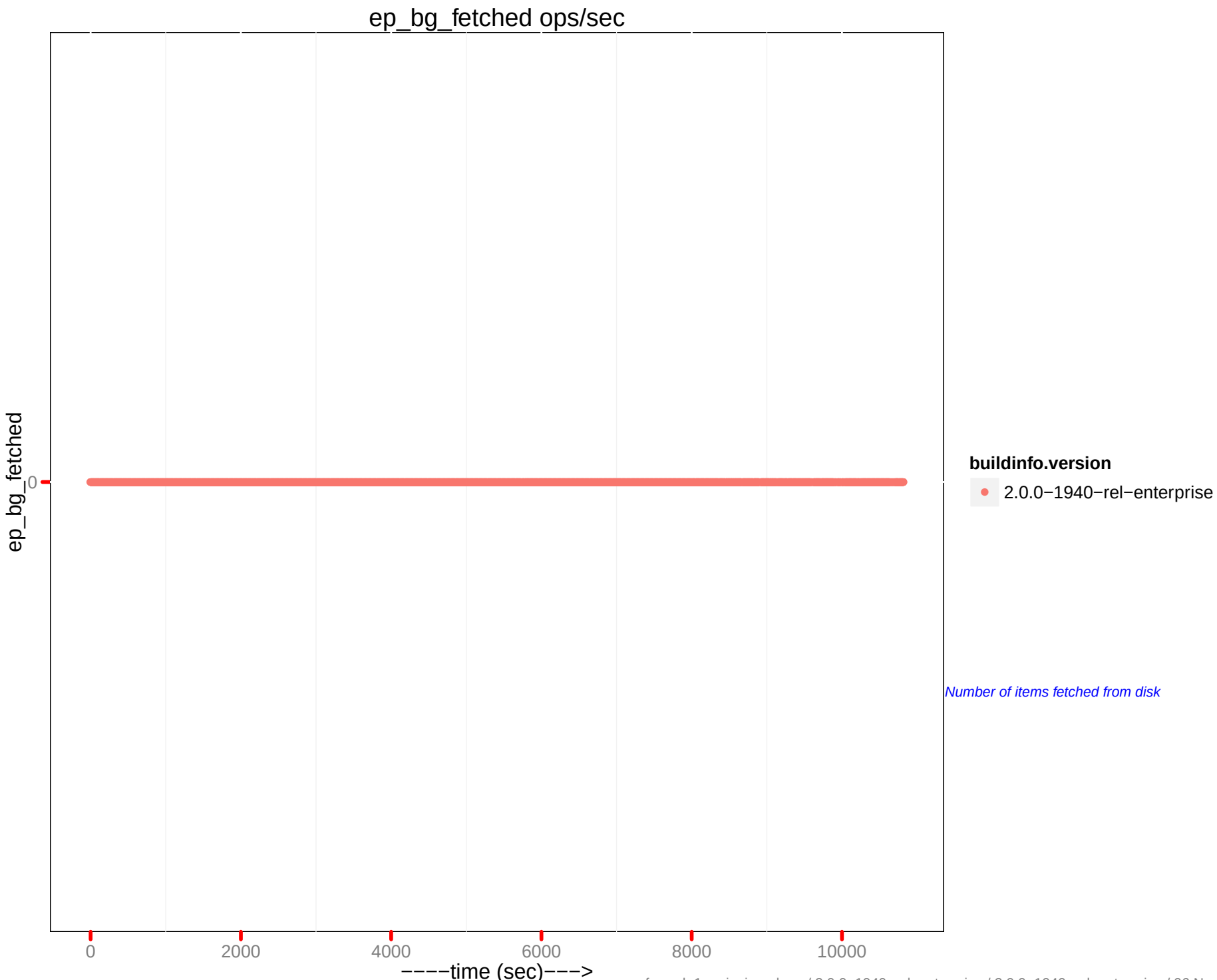

ns_server: ep_diskqueue_drain
ep_diskqueue_drain
1.46K
1000.00
500.00
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total number of items per second being written to disk in this bucket (from ns_server)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

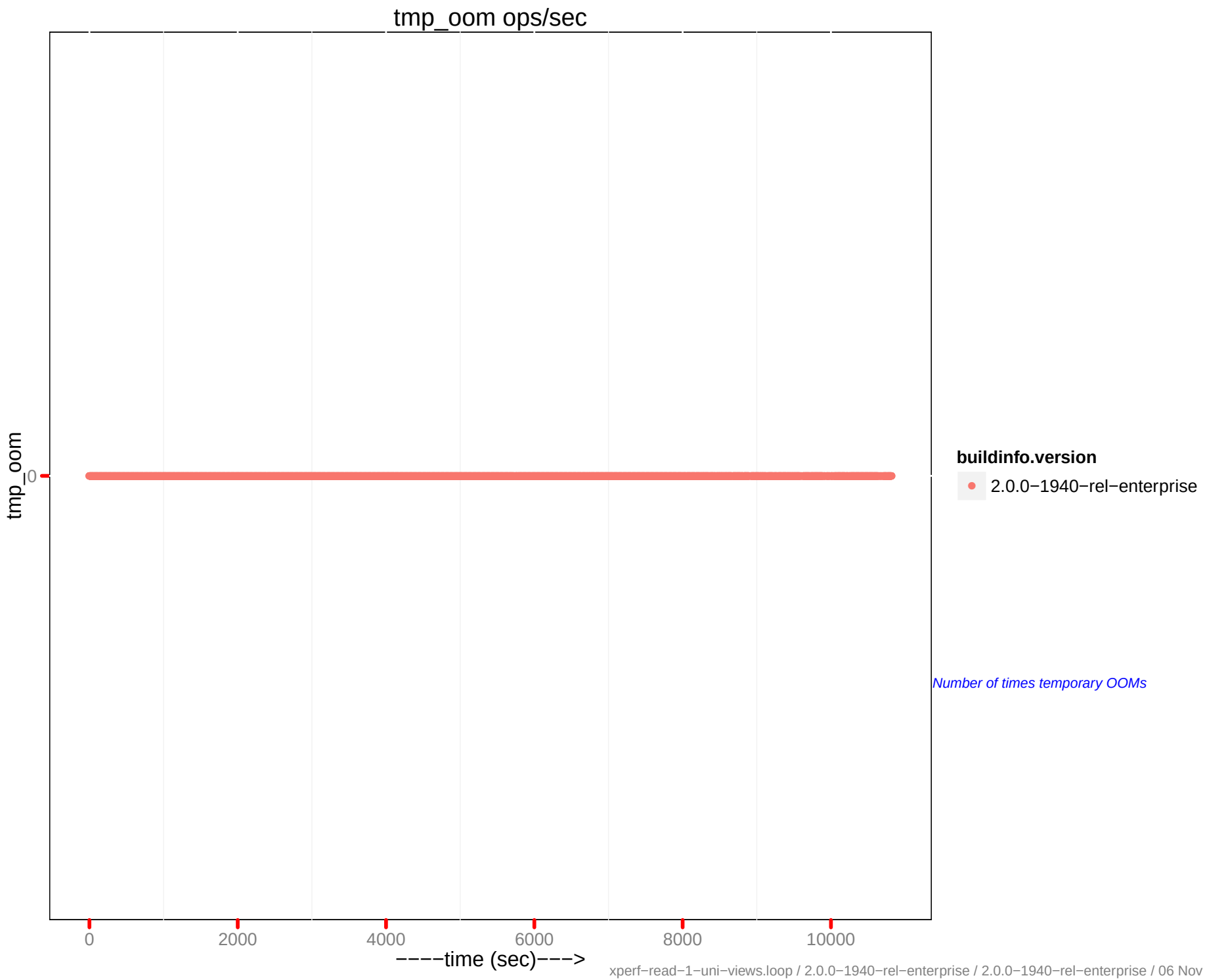

ep−engine : ep_diskqueue_drain − explorer.server.1
ep_diskqueue_drain
200.00
150.00
100.00
50.00
0
50
100
150
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

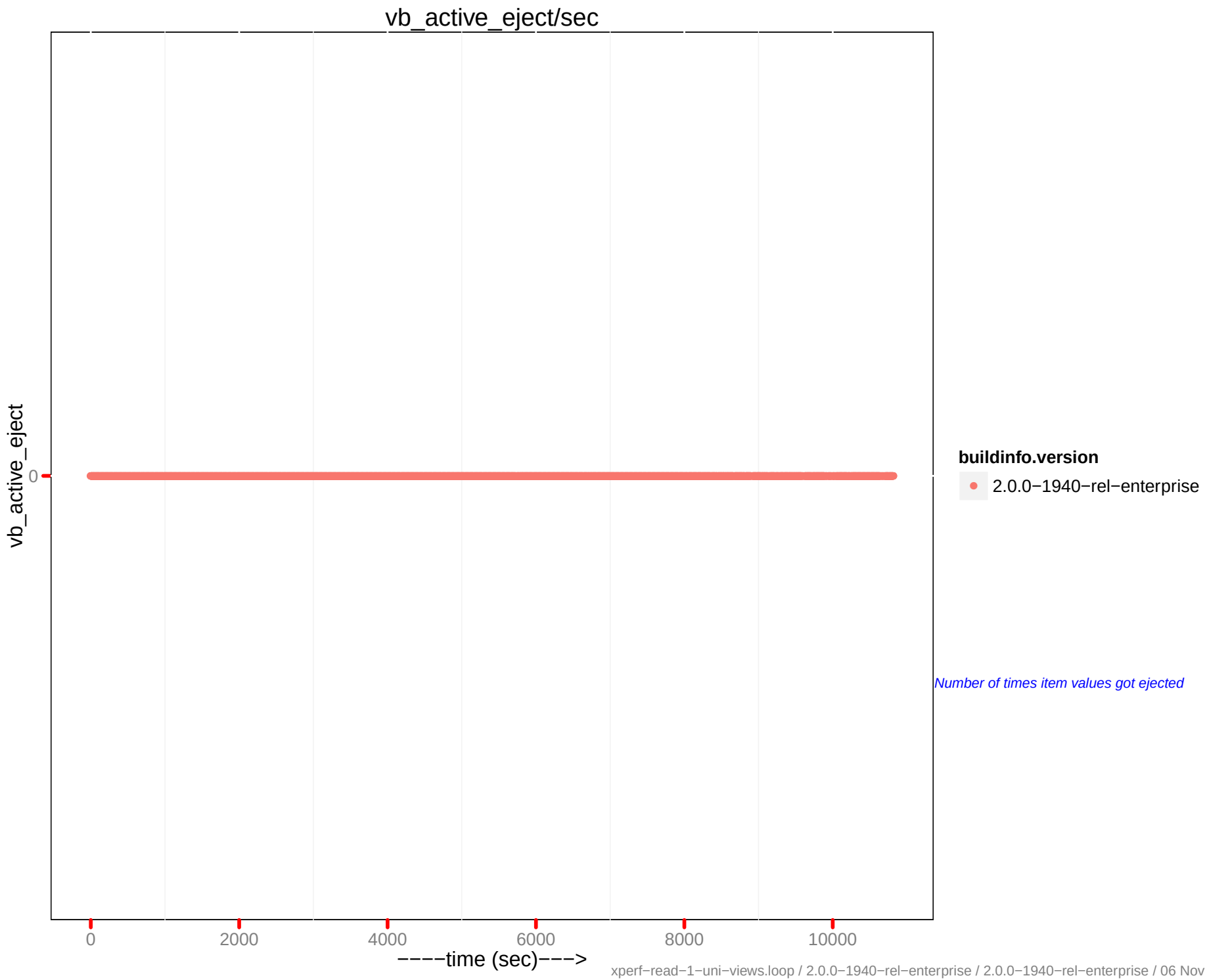

ep−engine : ep_diskqueue_drain − explorer.server.2
ep_diskqueue_drain
250.00
200.00
150.00
100.00
50.00
0
400
450
500
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

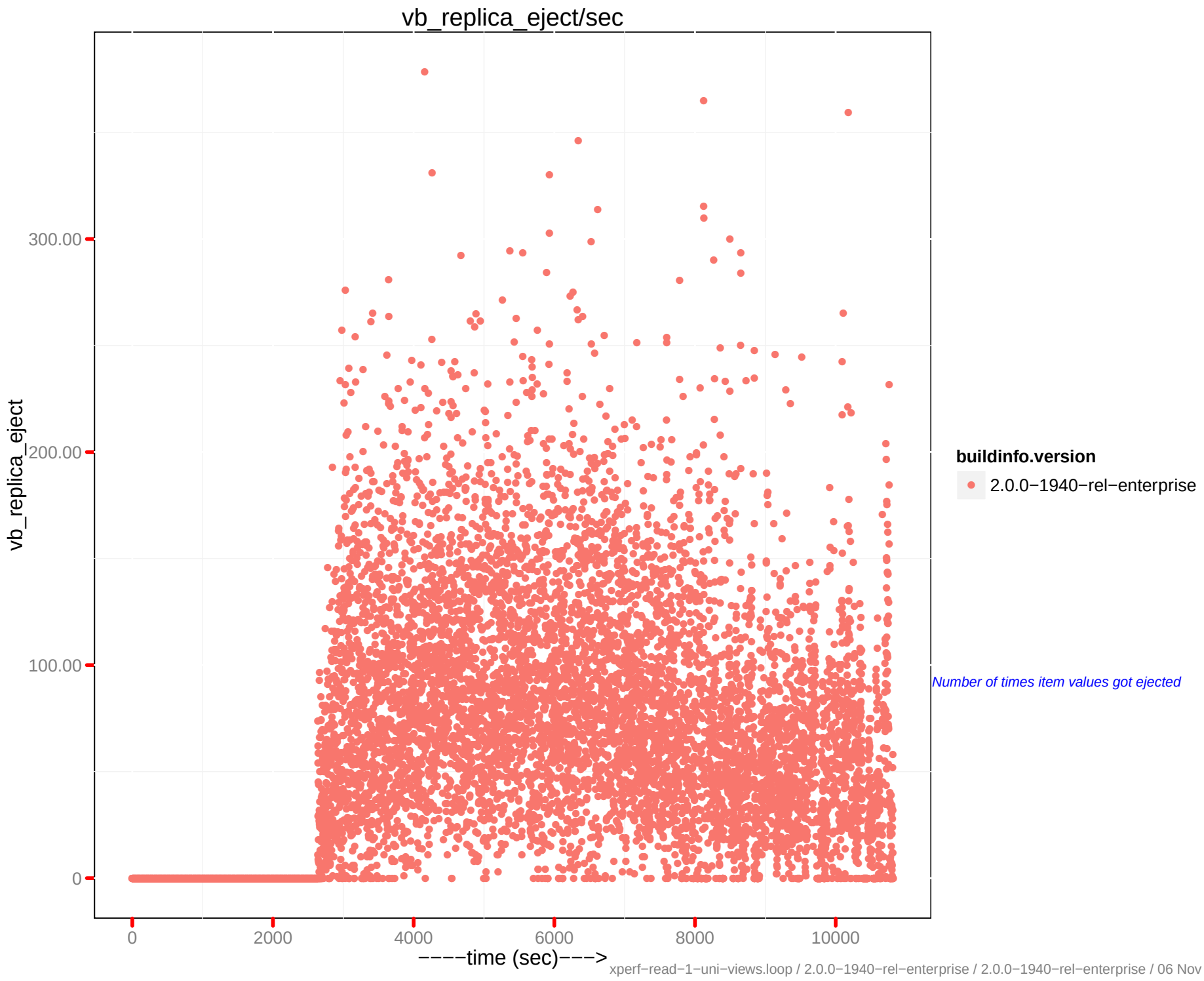

ep−engine : ep_diskqueue_drain − explorer.server.3
ep_diskqueue_drain
200.00
150.00
100.00
50.00
0
200
250
300
350
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

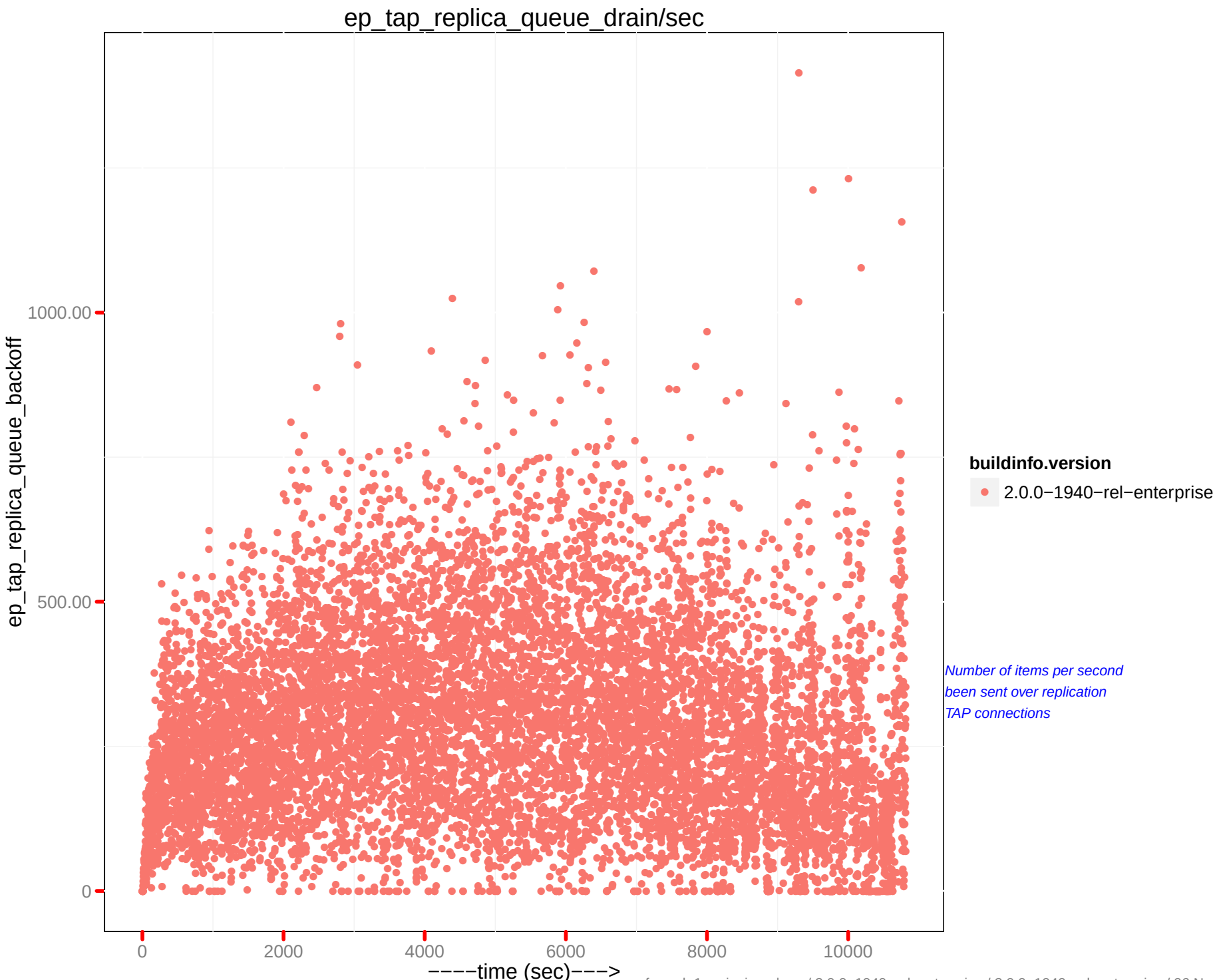

ep−engine : ep_diskqueue_drain − _explorer.server.4
ep_diskqueue_drain
250.00
200.00
150.00
100.00
50.00
0
550
600
650
700
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

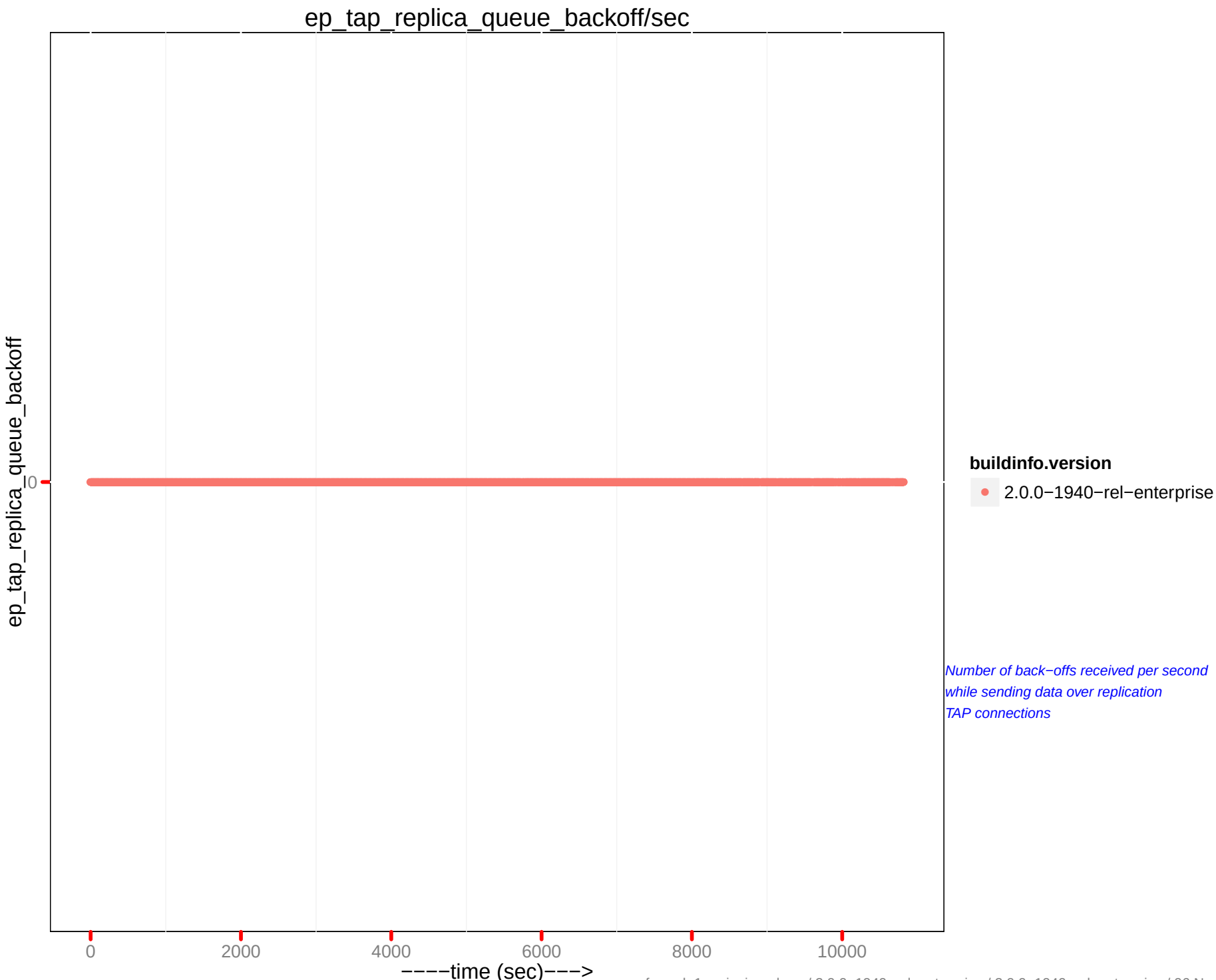

ep_bg_fetched ops/sec
ep_bg_fetched
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of items fetched from disk
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

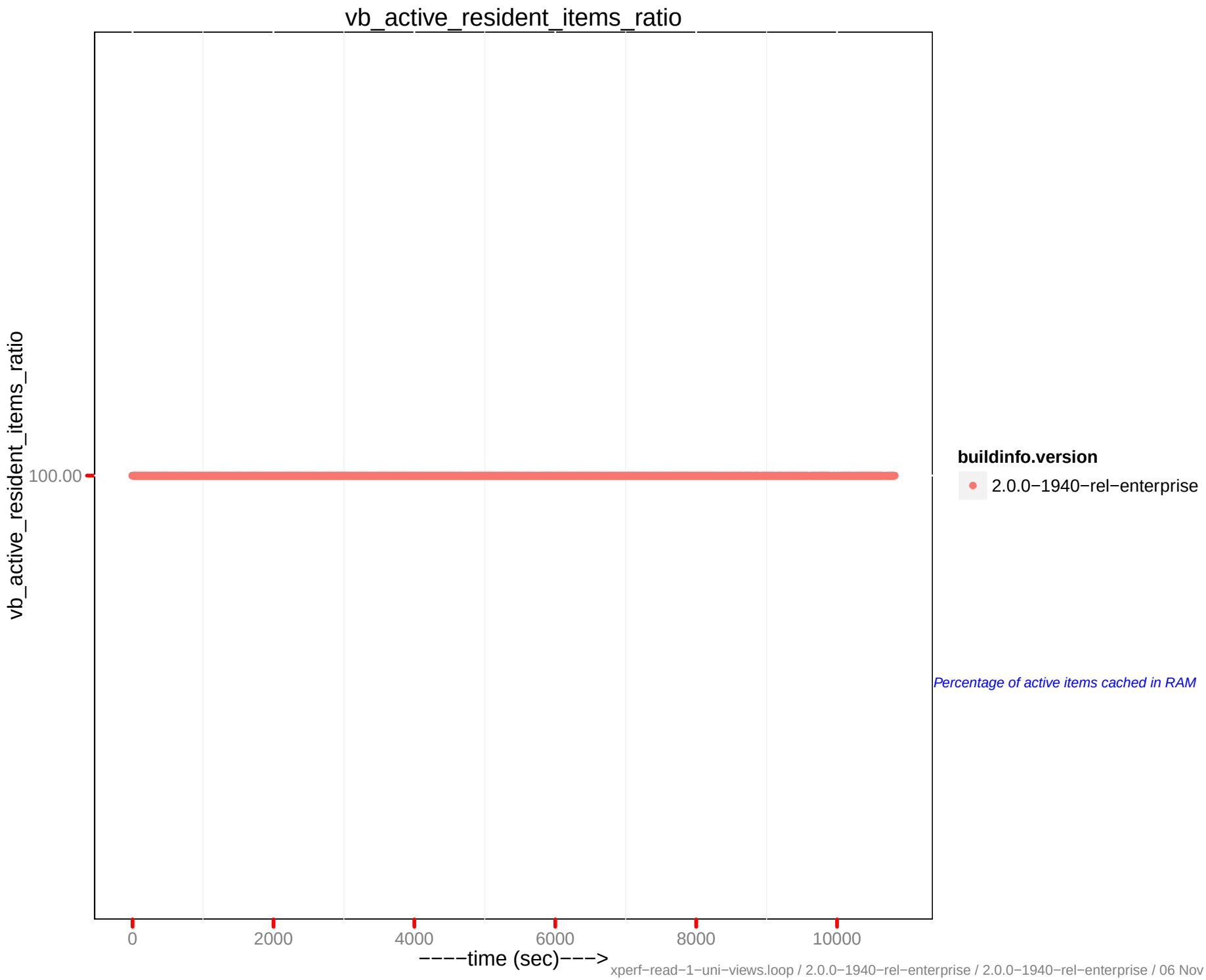

tmp_oom ops/sec
tmp_oom
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of times temporary OOMs
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

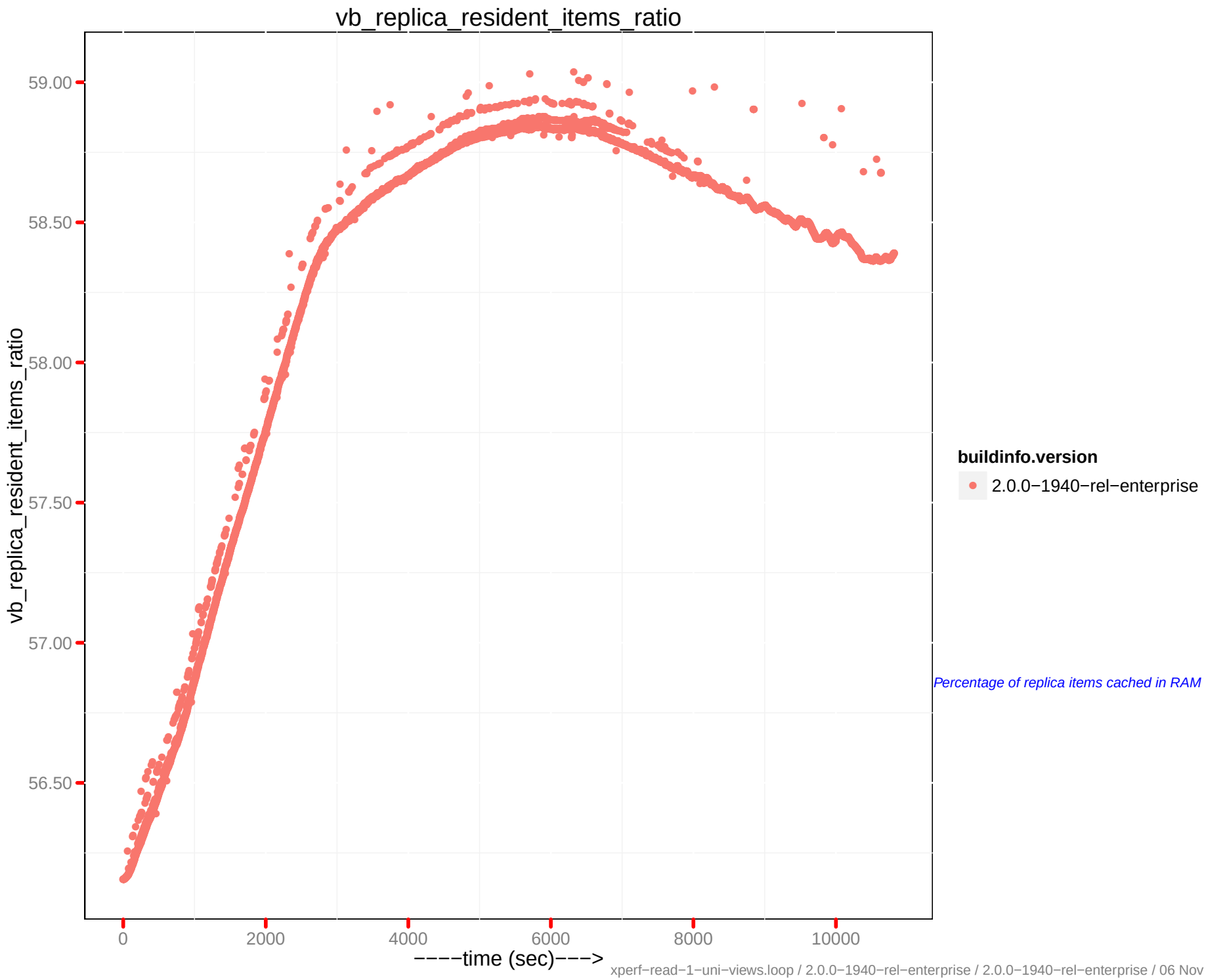

vb_active_eject/sec
vb_active_eject
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of times item values got ejected
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

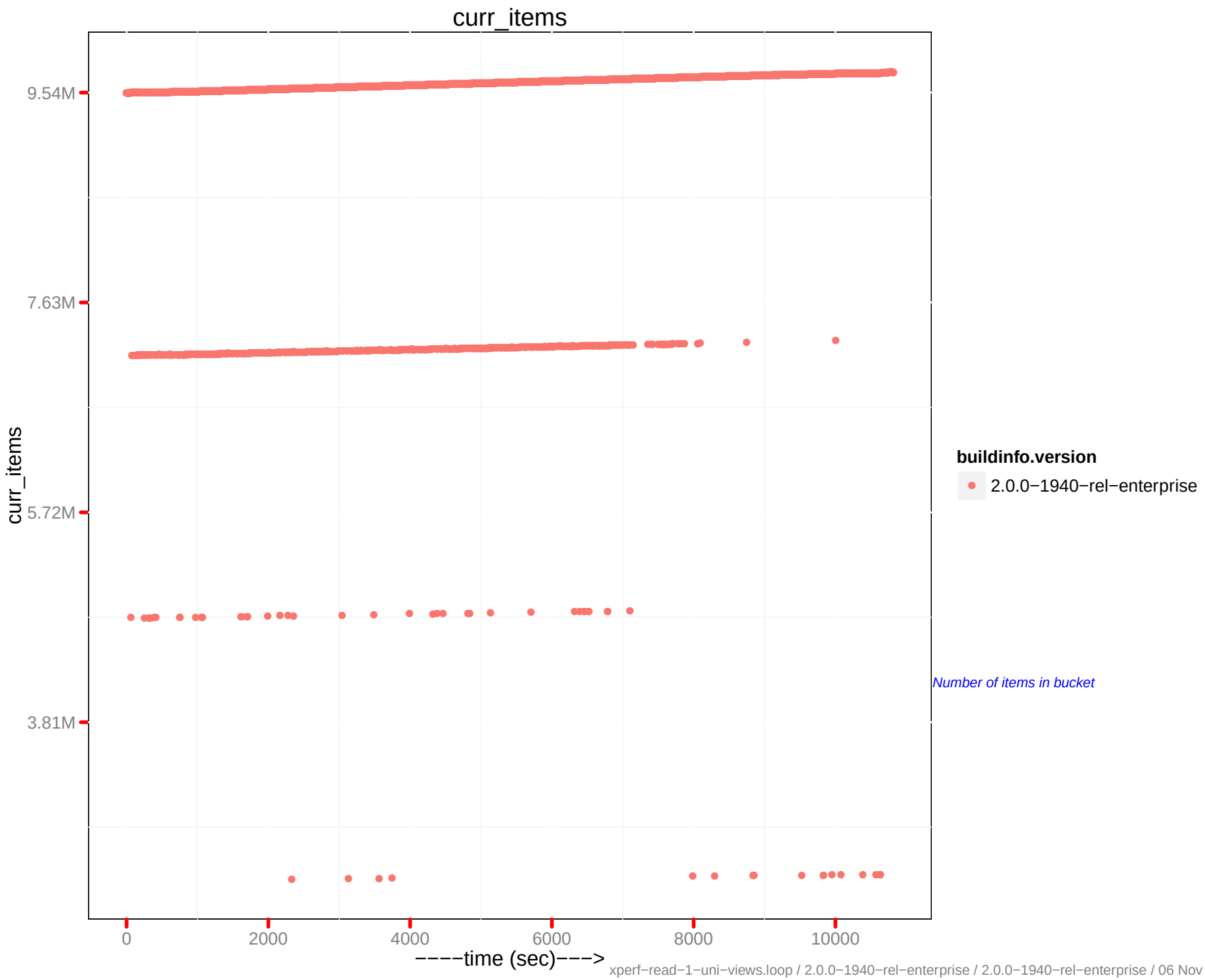

vb_replica_eject/sec
vb_replica_eject
300.00
200.00
100.00
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of times item values got ejected
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

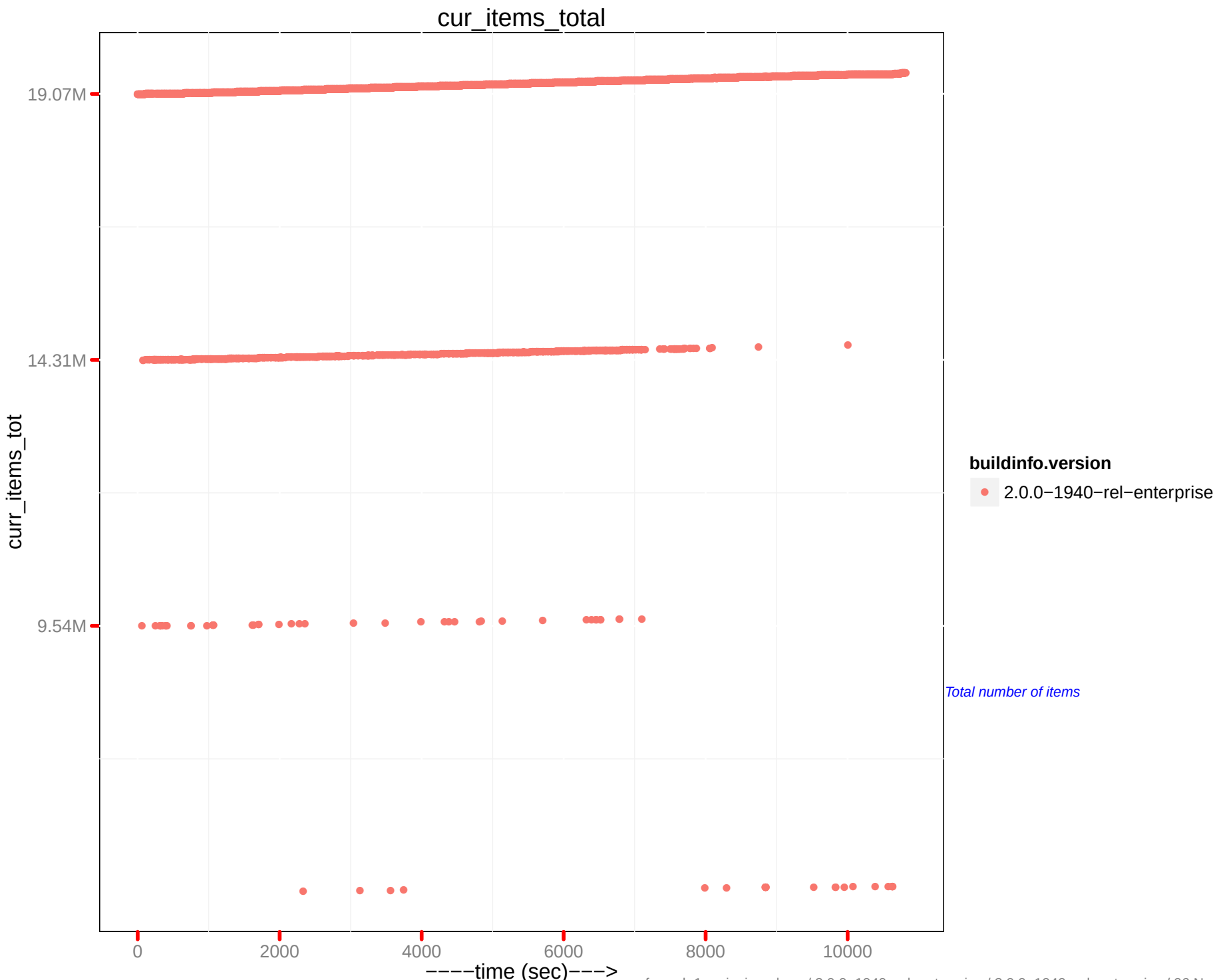

ep_tap_replica_queue_drain/sec
ep_tap_replica_queue_backoff
1000.00
500.00
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of items per second
been sent over replication
TAP connections
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

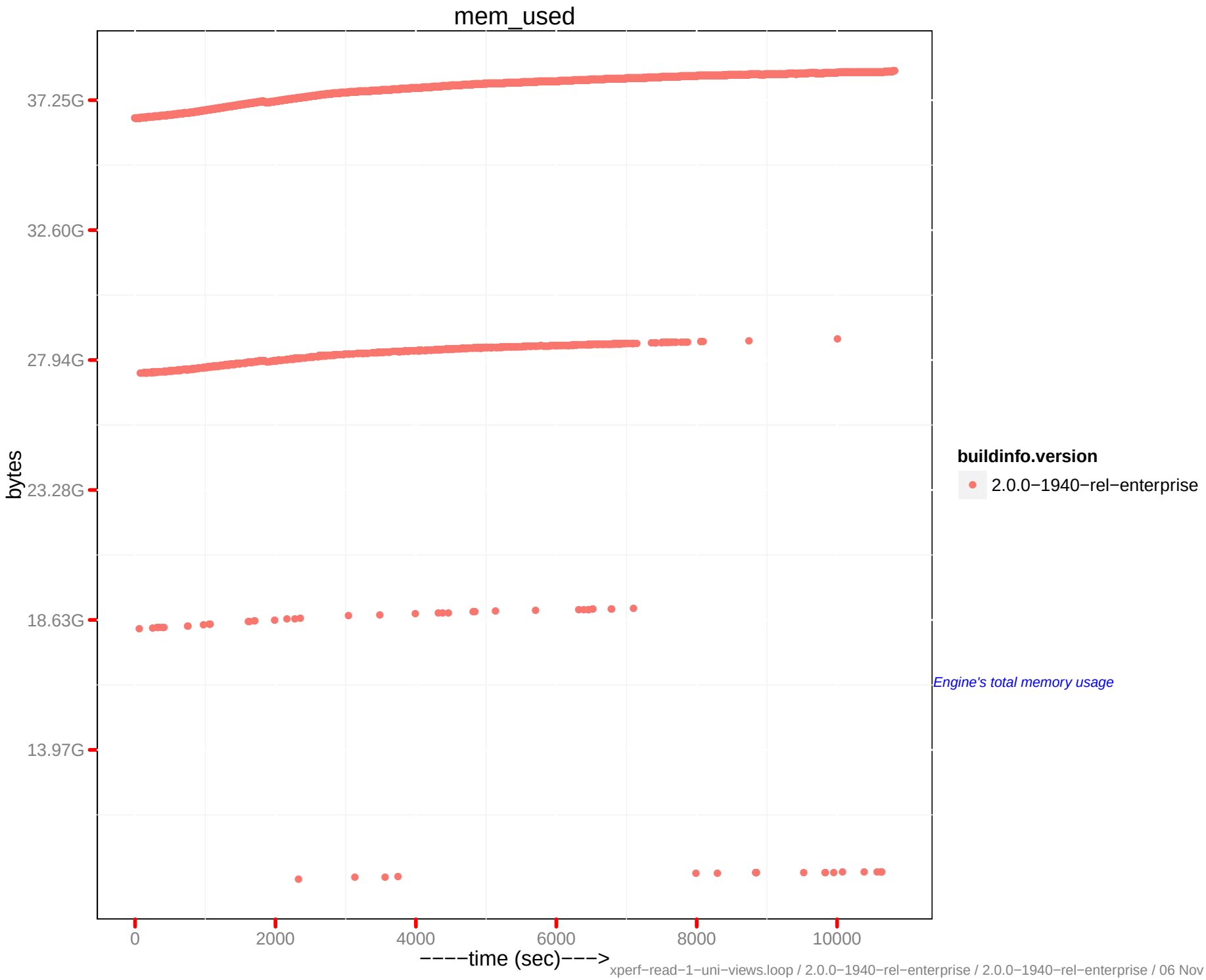

ep_tap_replica_queue_backoff/sec
ep_tap_replica_queue_backoff
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of back−offs received per second
while sending data over replication
TAP connections
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

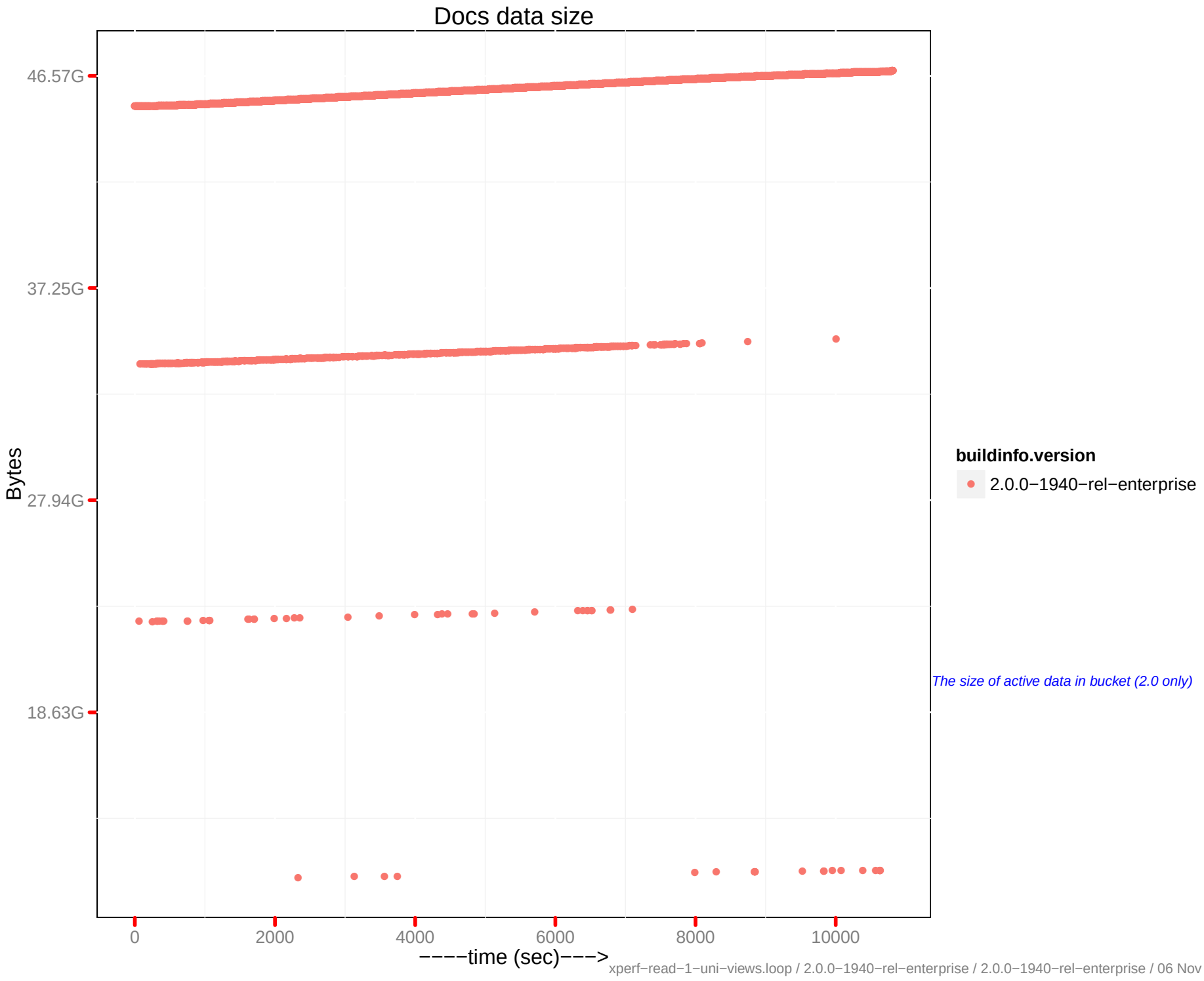

vb_active_resident_items_ratio
vb_active_resident_items_ratio
100.00
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Percentage of active items cached in RAM
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

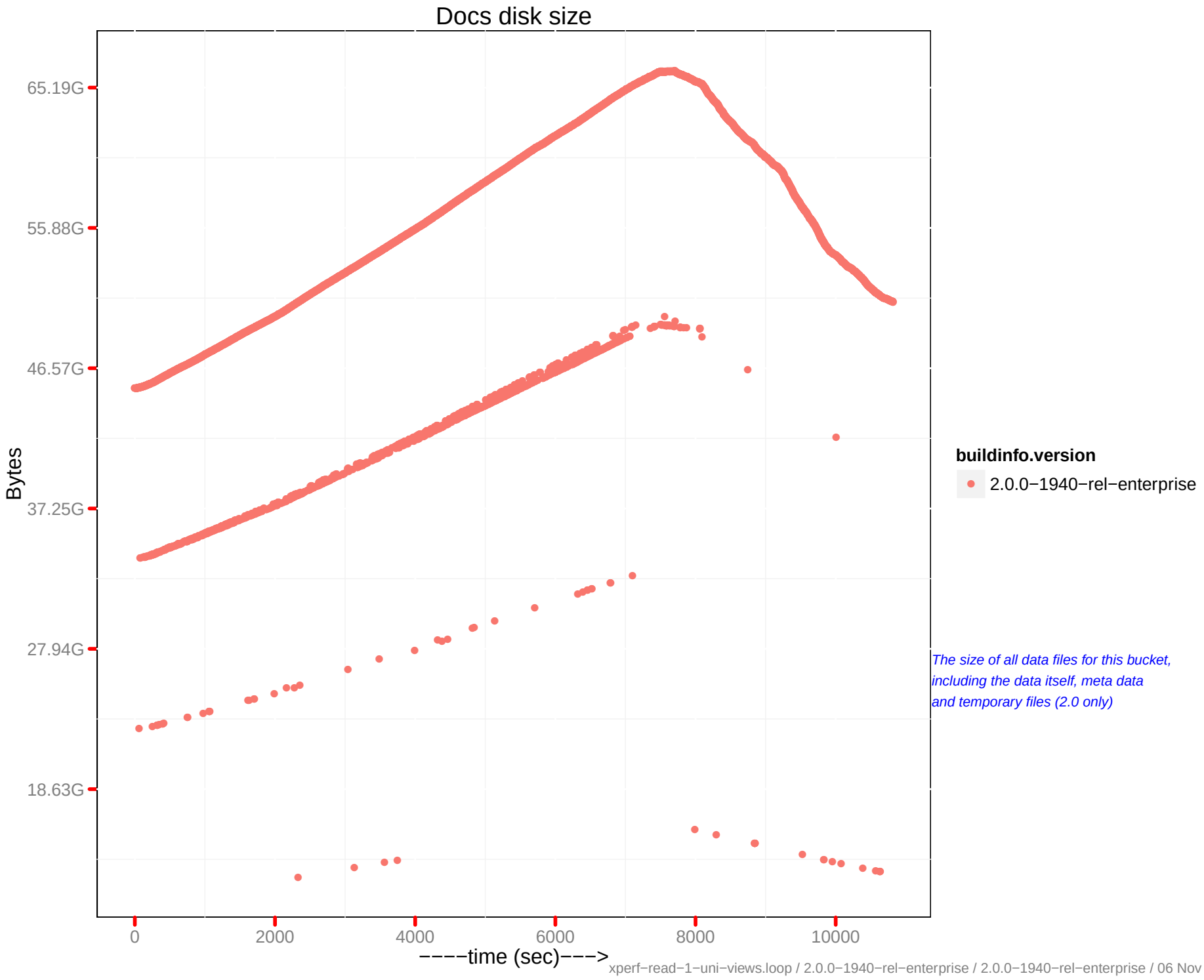

vb_replica_resident_items_ratio
59.00
58.50
58.00
57.50
57.00
56.50
vb_replica_resident_items_ratio
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Percentage of replica items cached in RAM
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

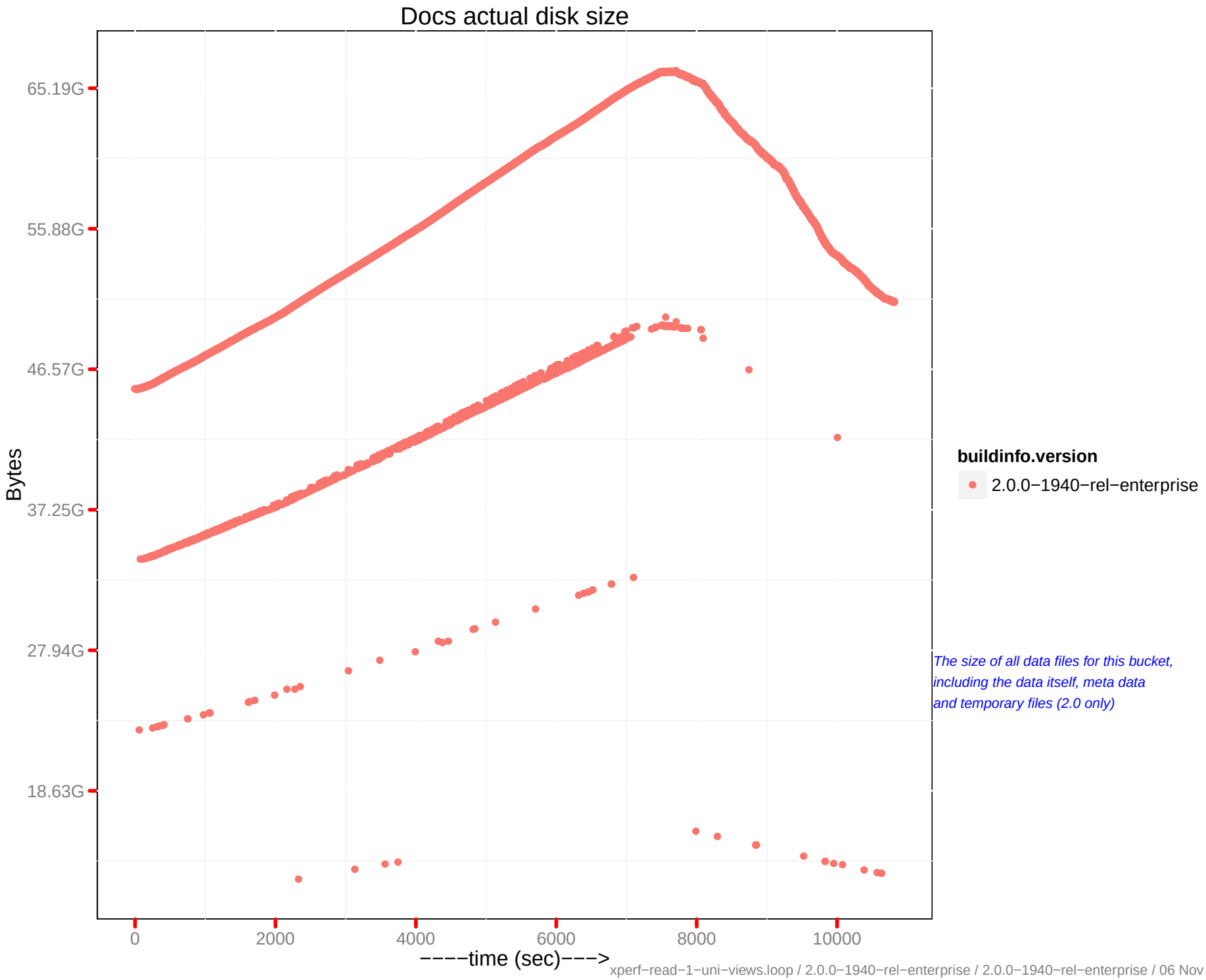

curr_items
9.54M
7.63M
5.72M
3.81M
curr_items
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of items in bucket
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

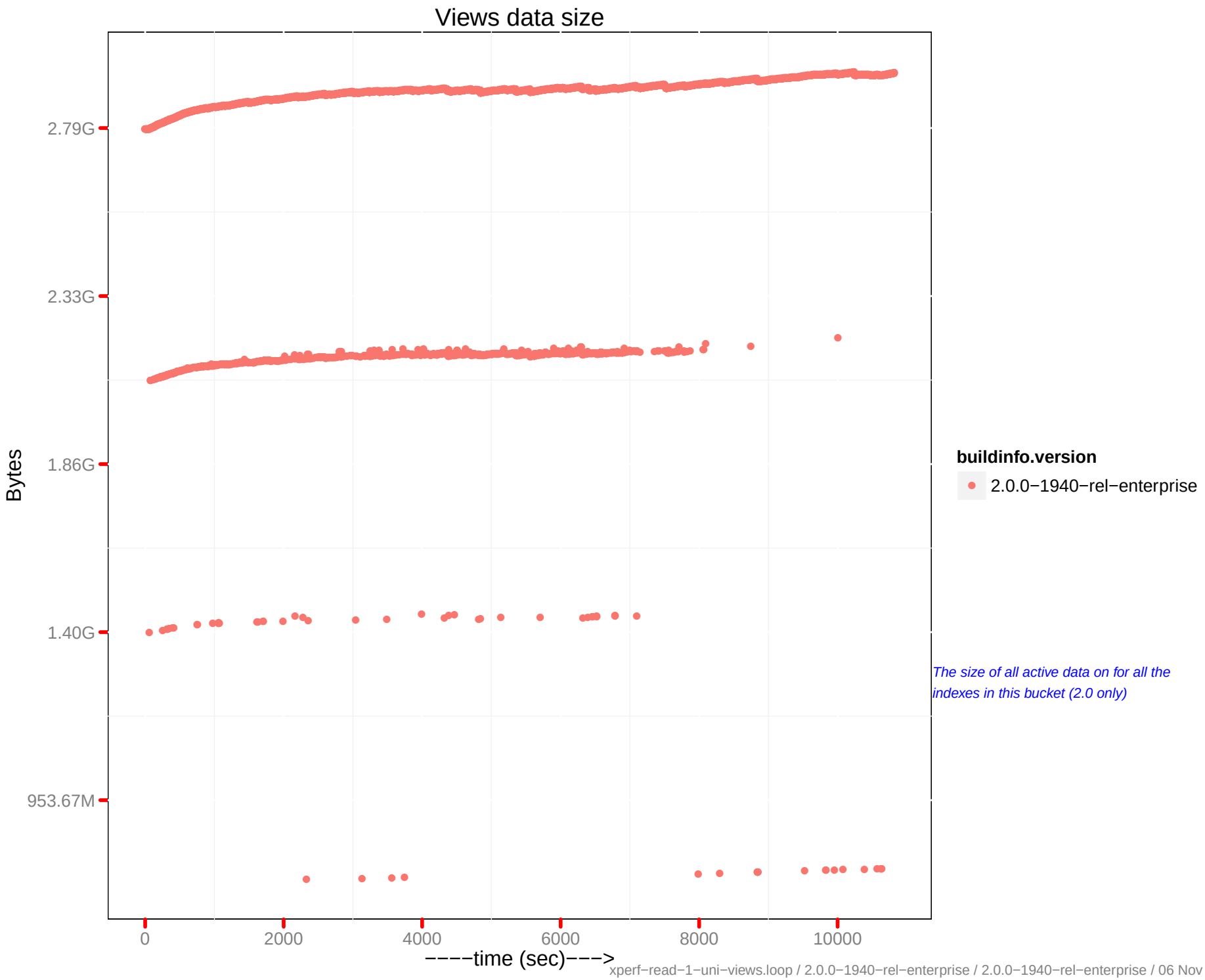

cur_items_total
19.07M
14.31M
9.54M
curr_items_tot
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Total number of items
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

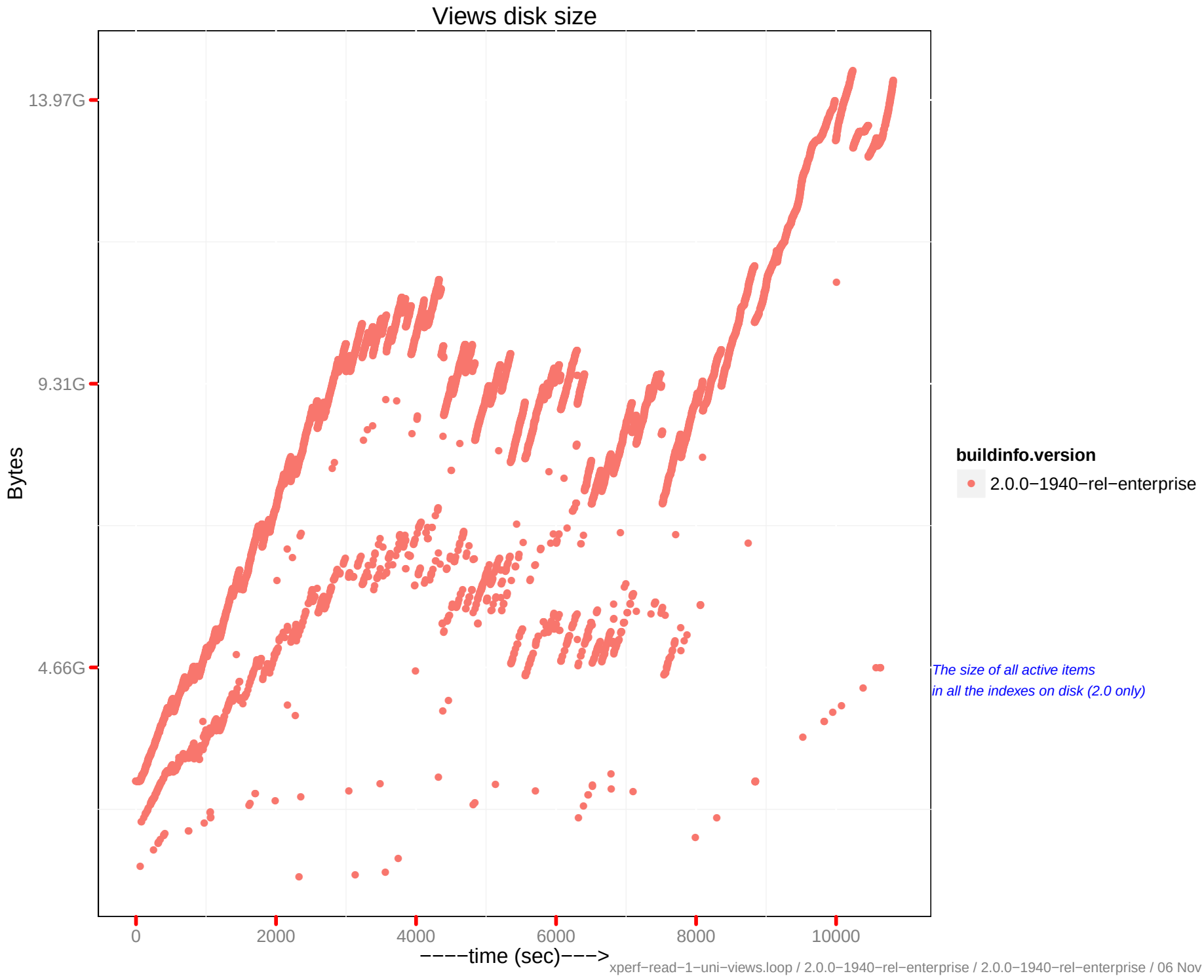

mem_used
37.25G
32.60G
27.94G
23.28G
18.63G
13.97G
bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Engine's total memory usage
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

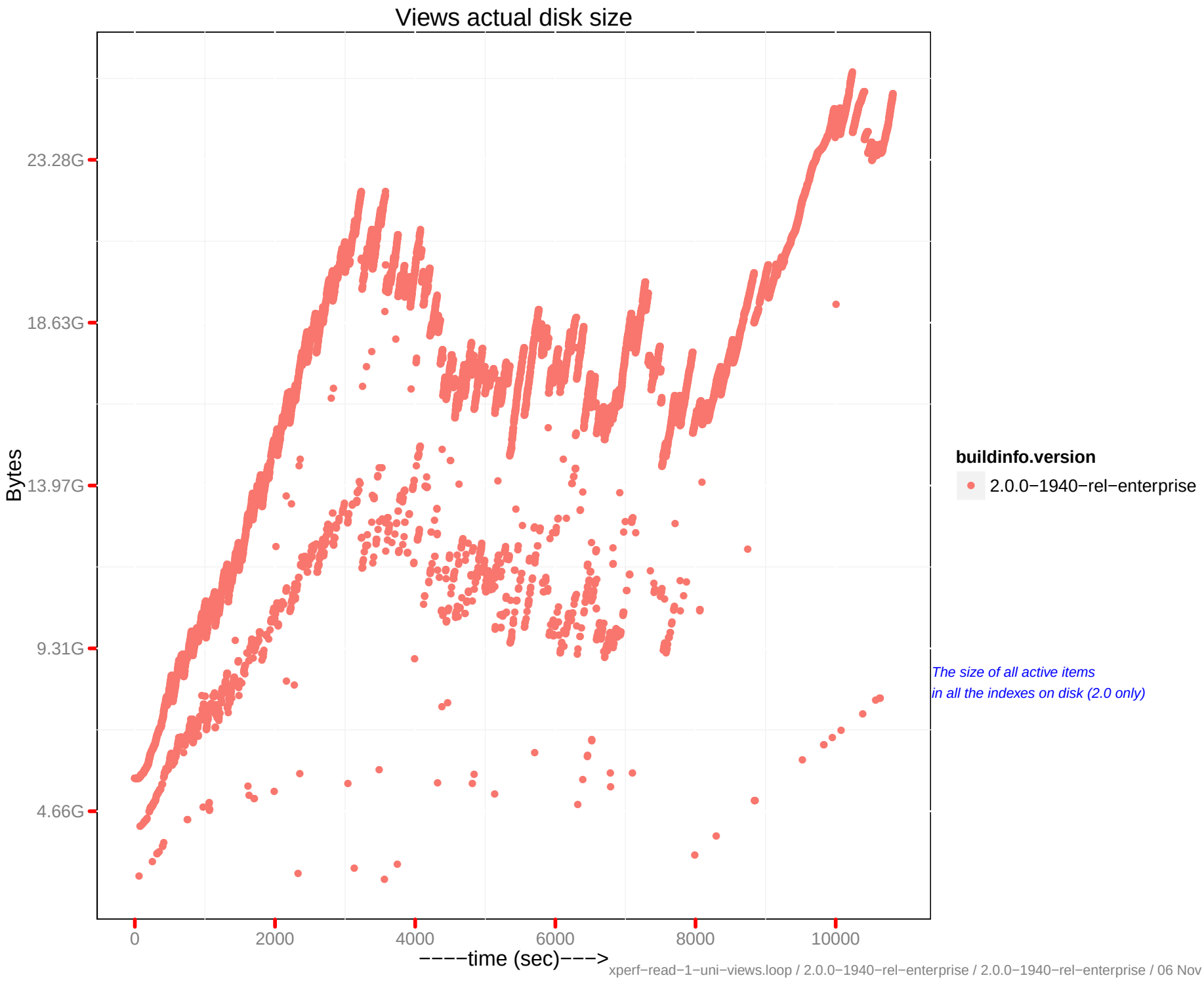

Docs data size
46.57G
37.25G
27.94G
18.63G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of active data in bucket (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

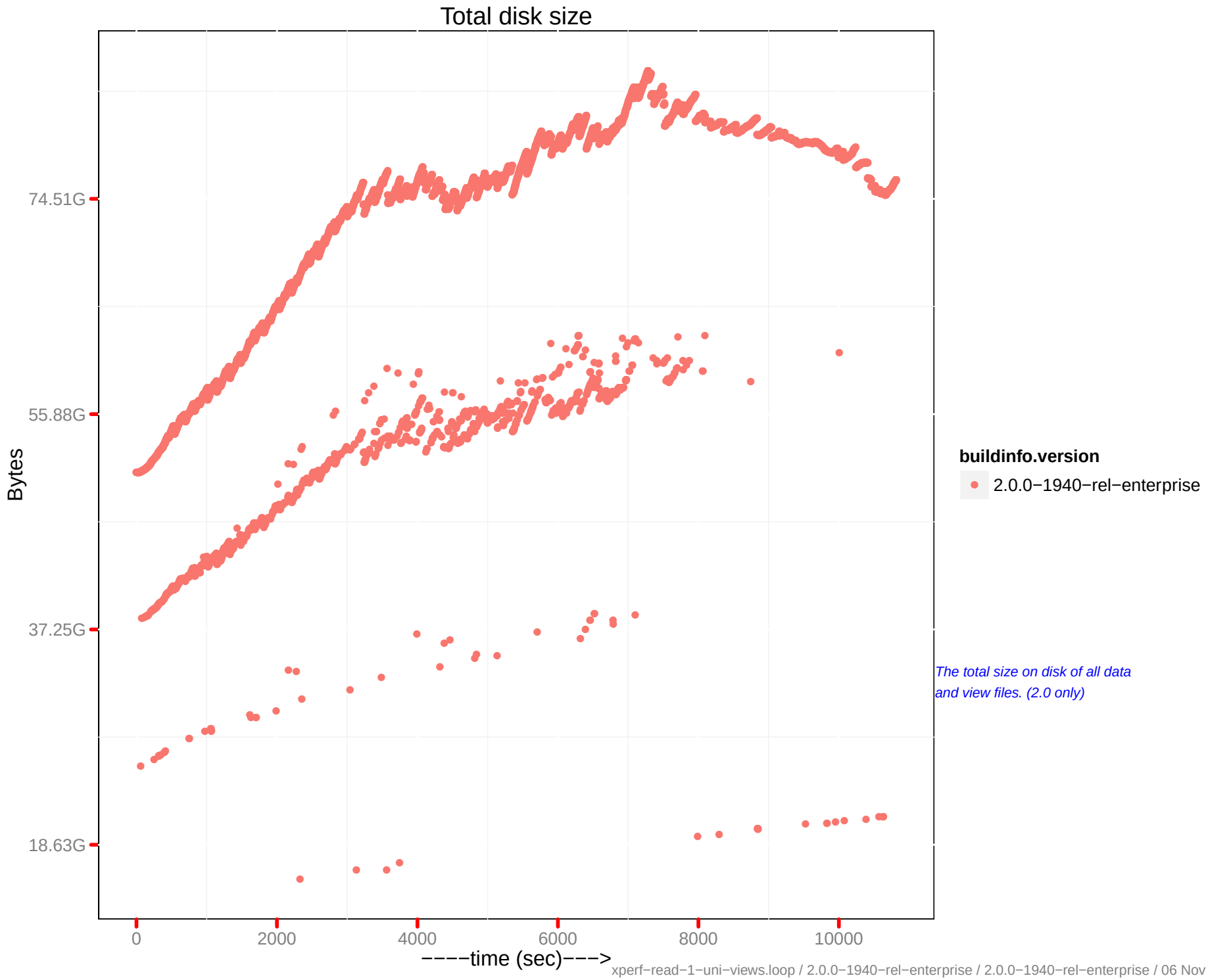

Docs disk size
65.19G
55.88G
46.57G
37.25G
27.94G
18.63G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

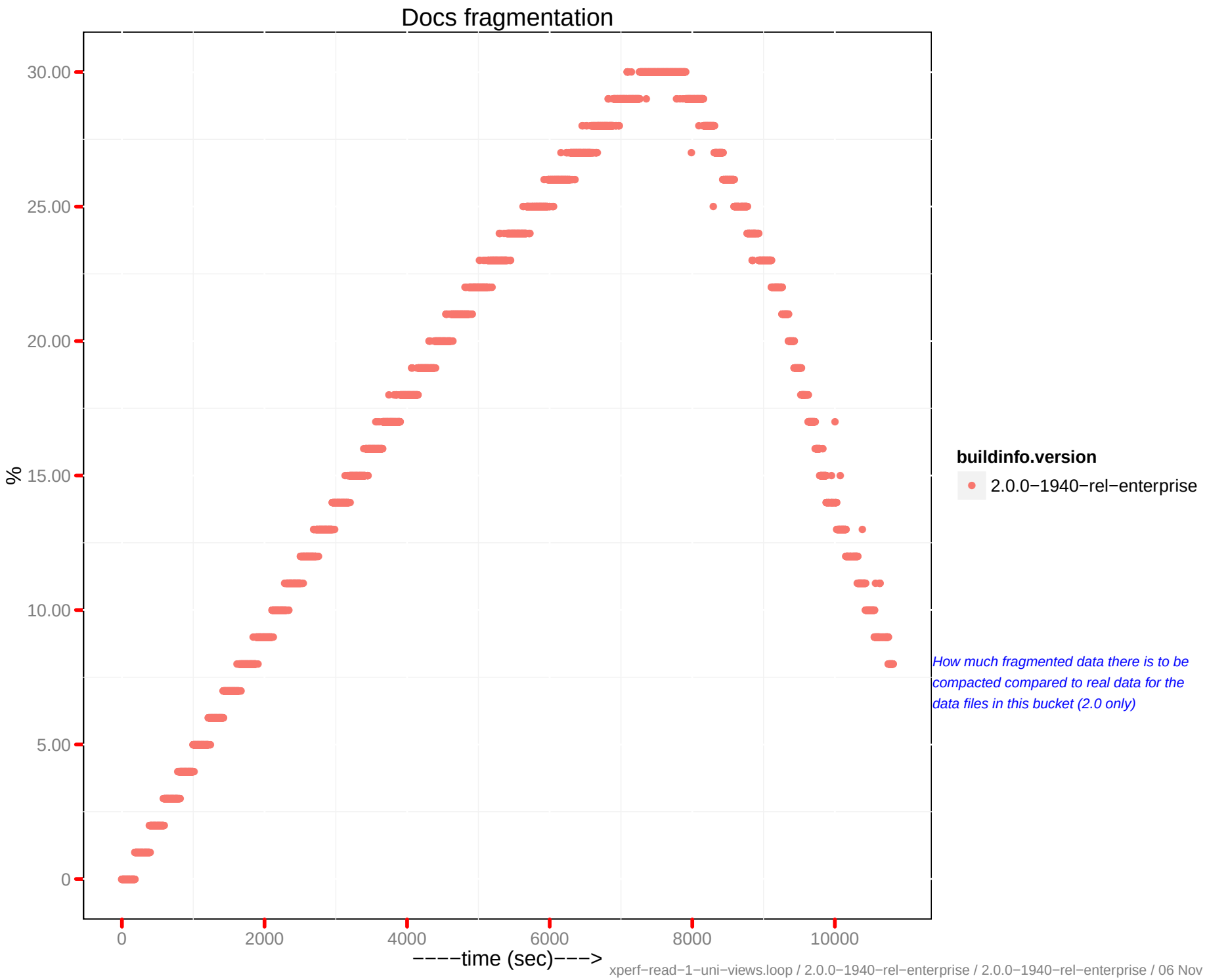

Docs actual disk size
65.19G
55.88G
46.57G
37.25G
27.94G
18.63G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

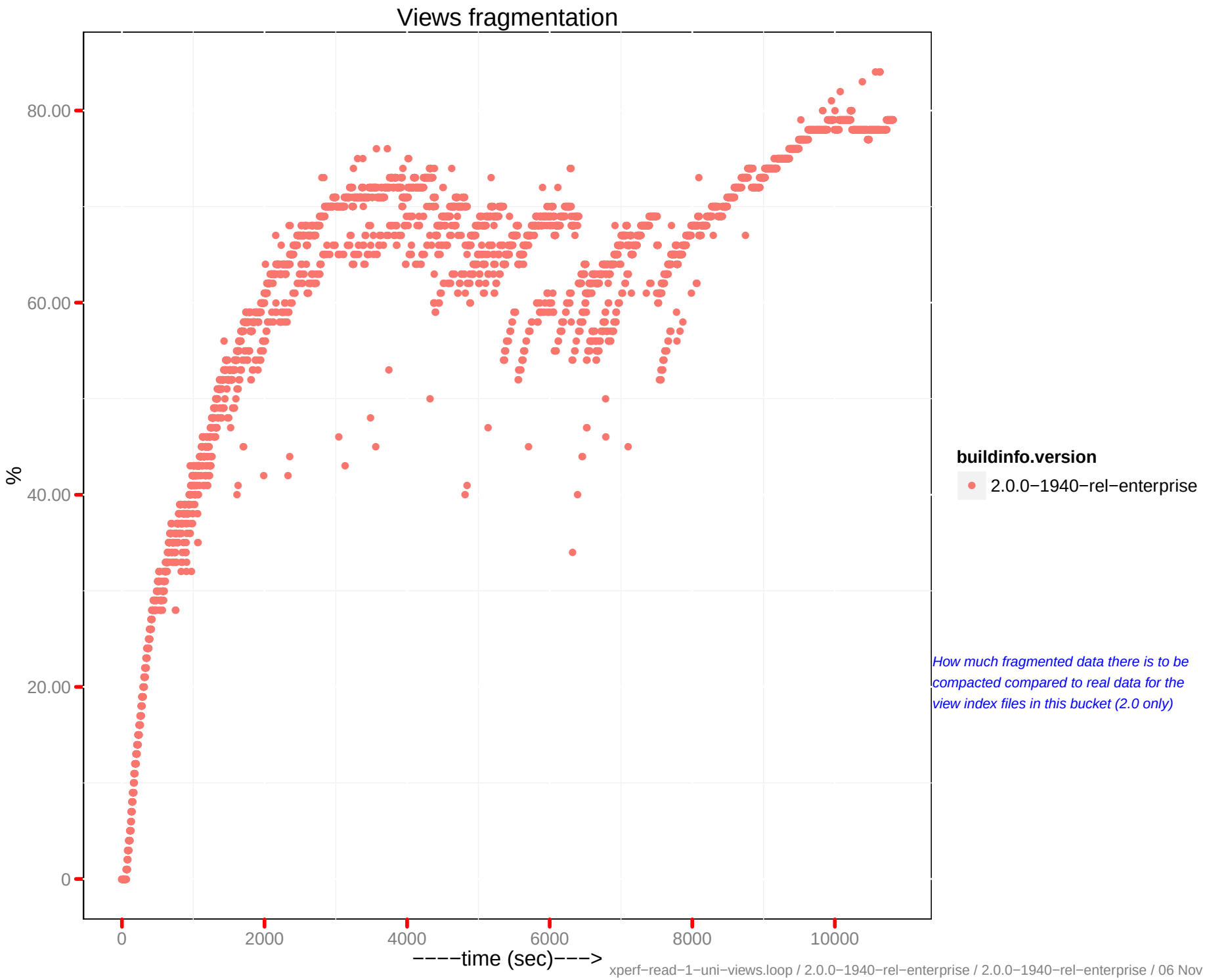

Views data size
Bytes
2.79G
2.33G
1.86G
1.40G
953.67M
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of all active data on for all the indexes in this bucket (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

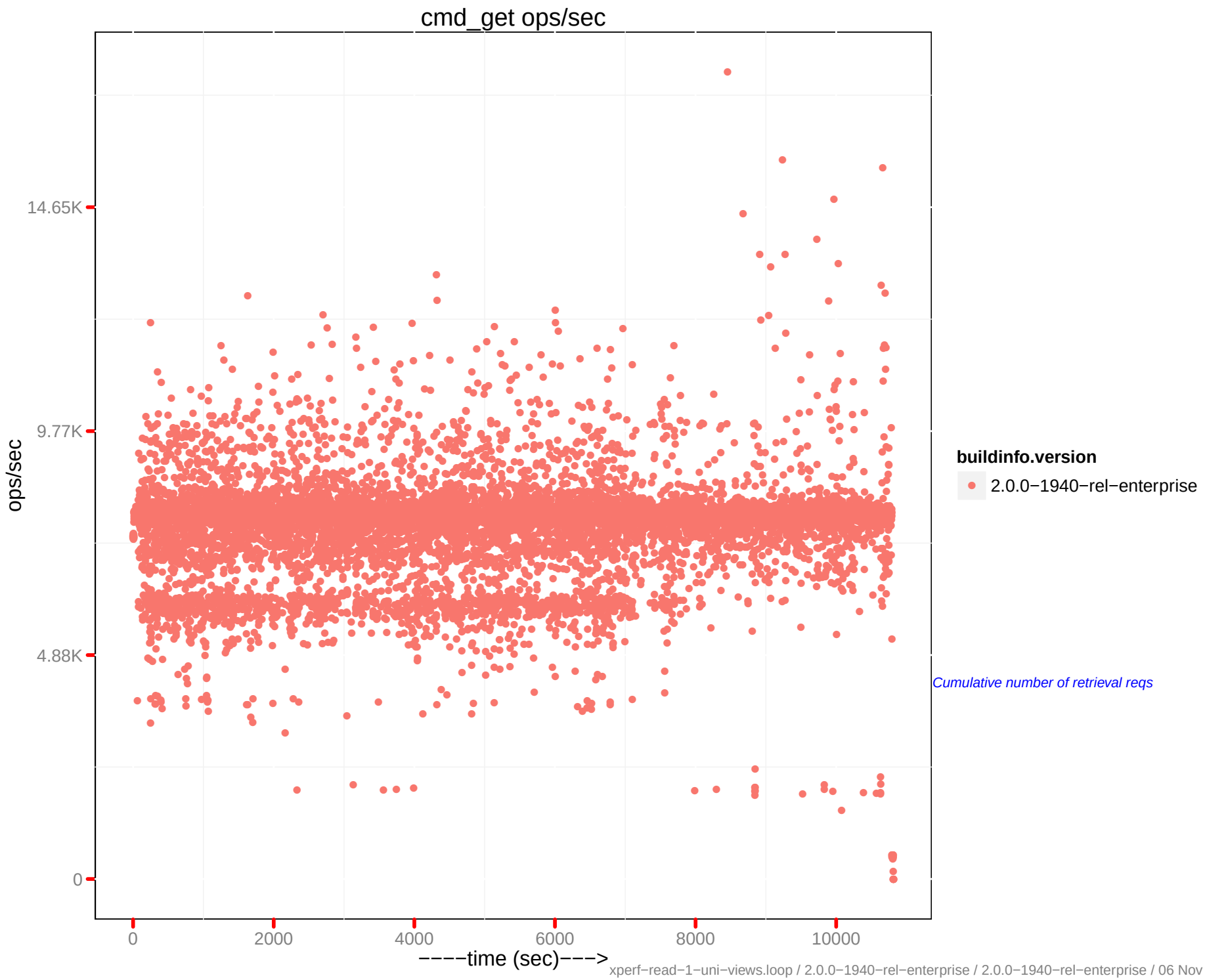

Views disk size
13.97G
9.31G
4.66G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

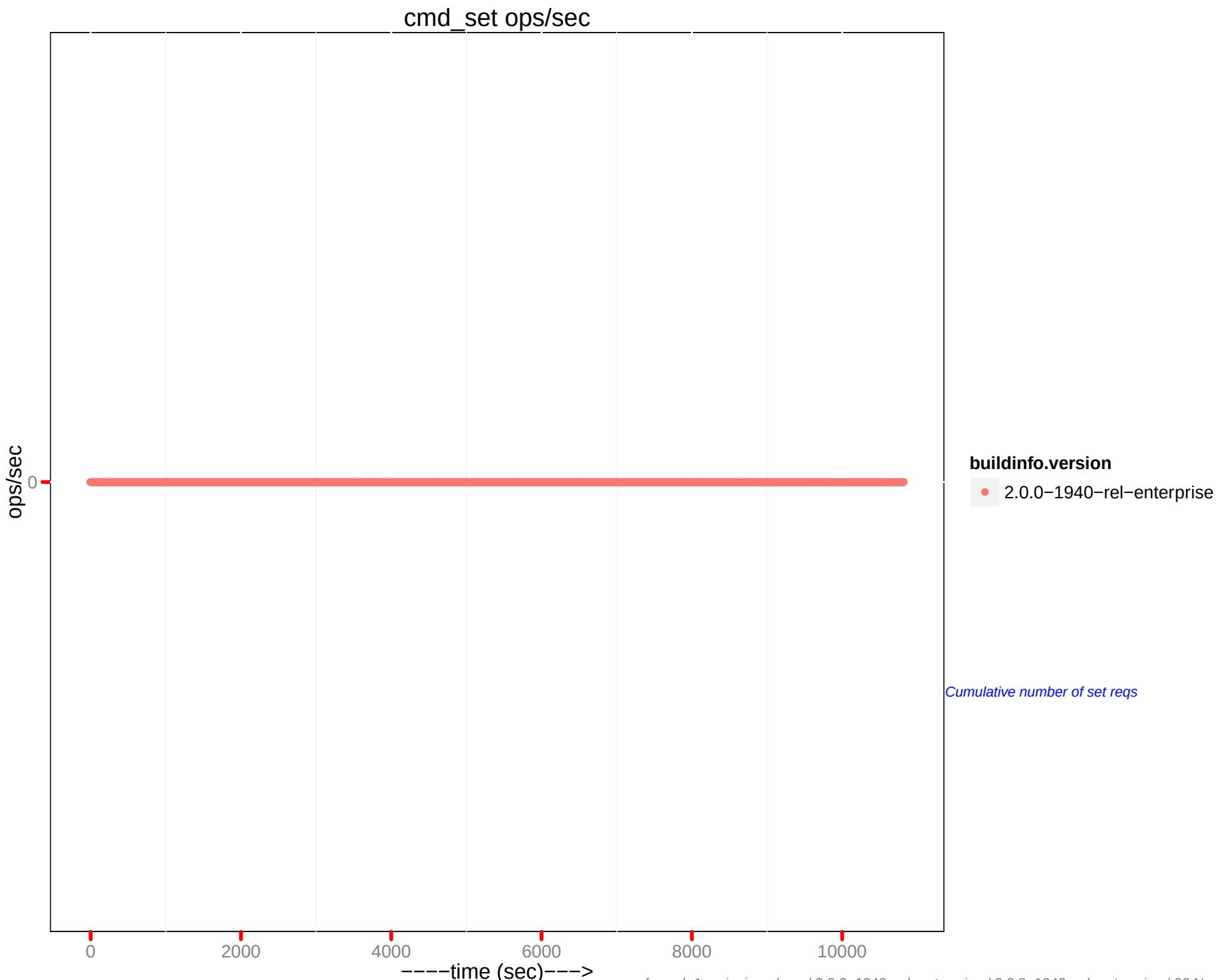

Views actual disk size
23.28G
18.63G
13.97G
9.31G
4.66G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

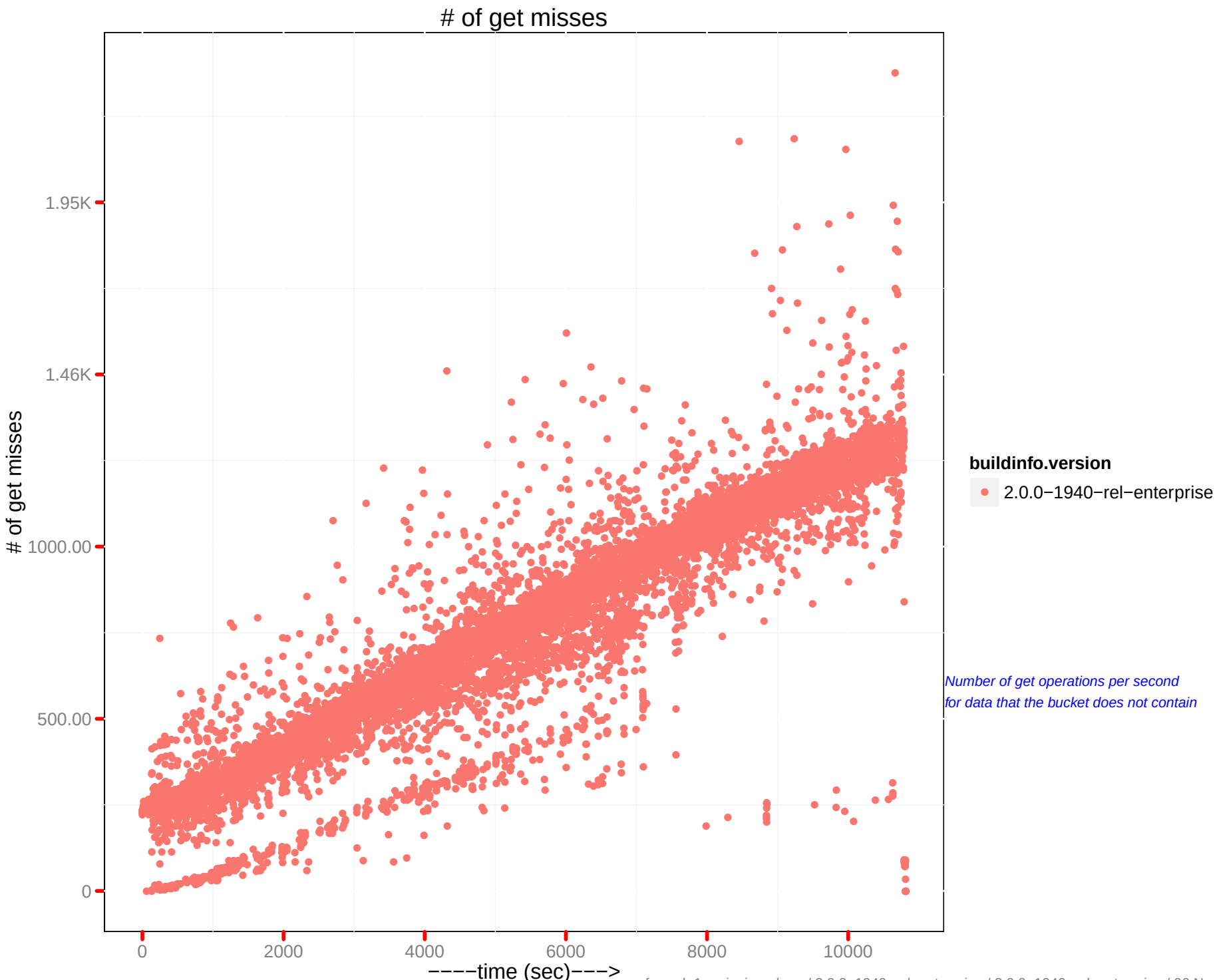

Total disk size
74.51G
55.88G
37.25G
18.63G
Bytes
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
The total size on disk of all data and view files. (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

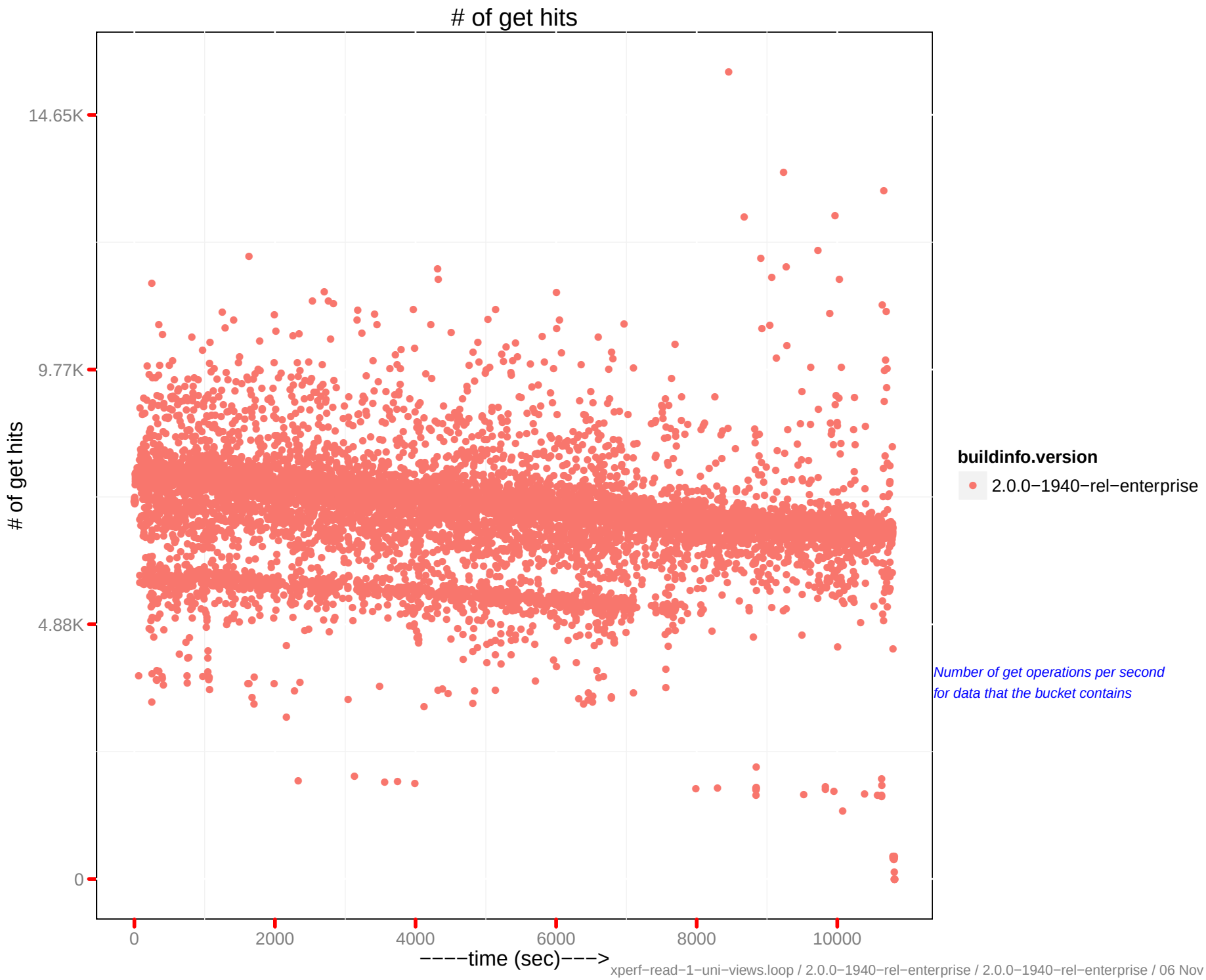

Docs fragmentation
30.00
25.00
20.00
15.00
10.00
5.00
0
%
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the data files in this bucket (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

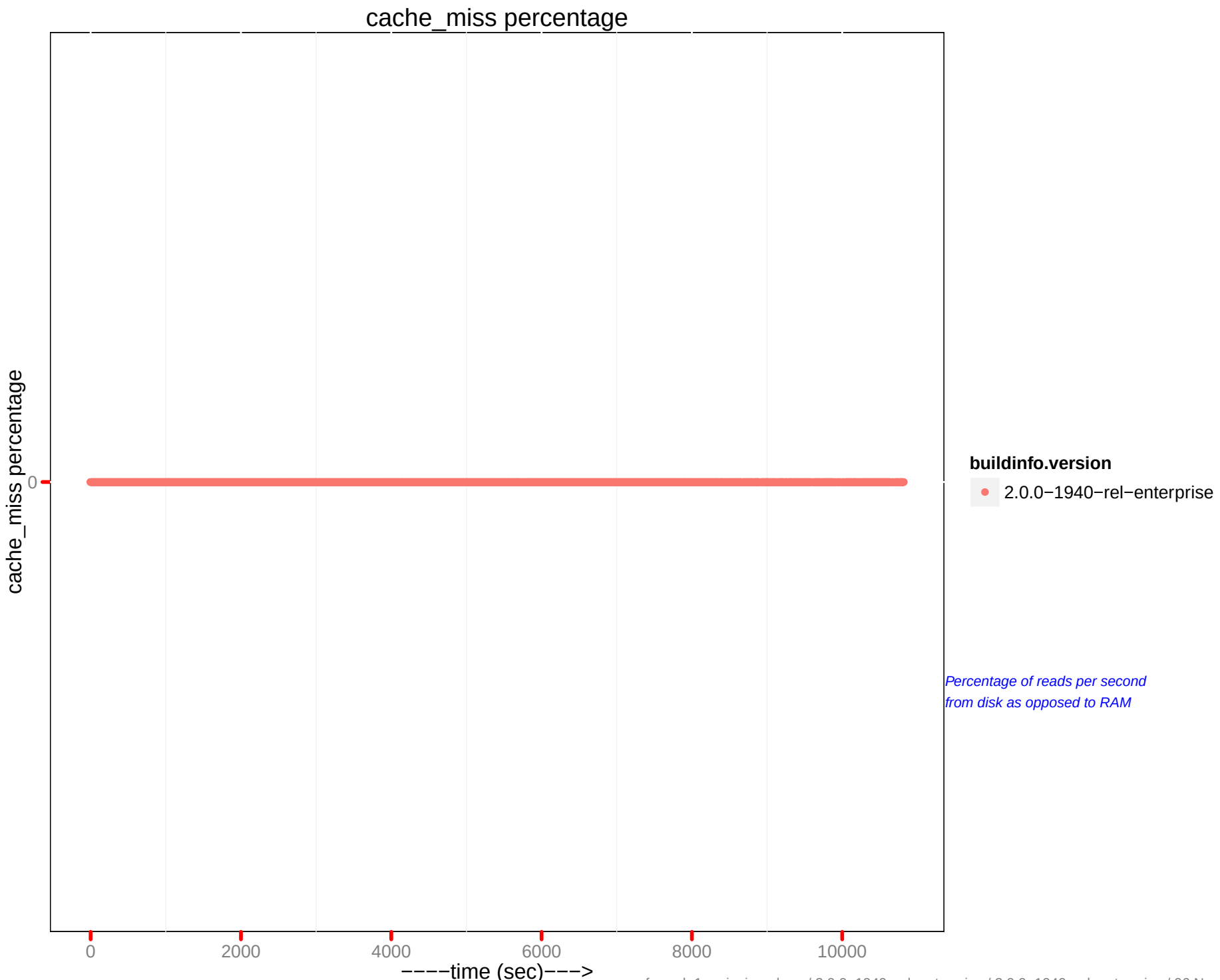

Views fragmentation
80.00
60.00
40.00
20.00
0
%
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the view index files in this bucket (2.0 only)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

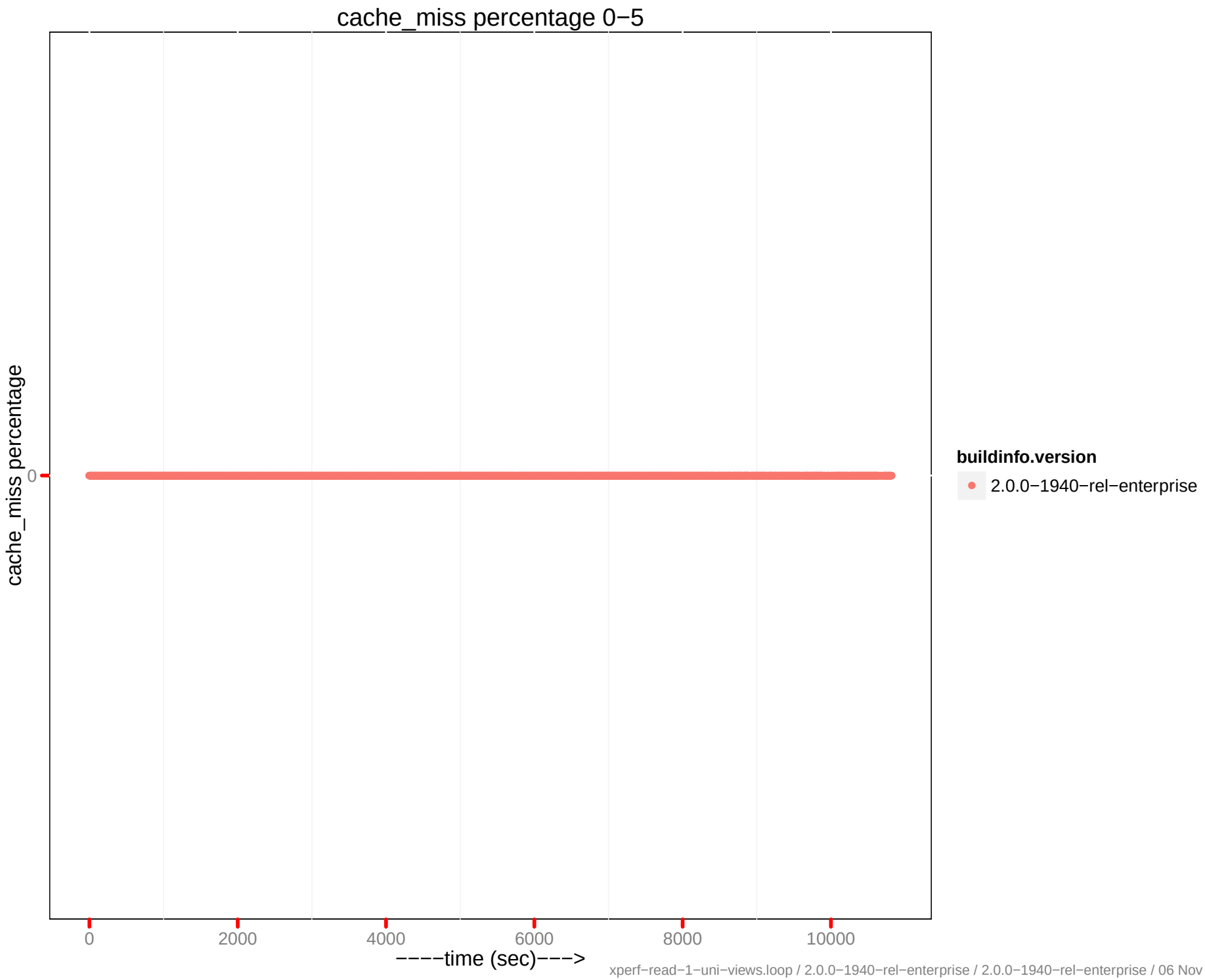

cmd_get ops/sec
14.65K
9.77K
4.88K
0
ops/sec
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Cumulative number of retrieval reqs
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012


cmd_set ops/sec
ops/sec
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Cumulative number of set reqs
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

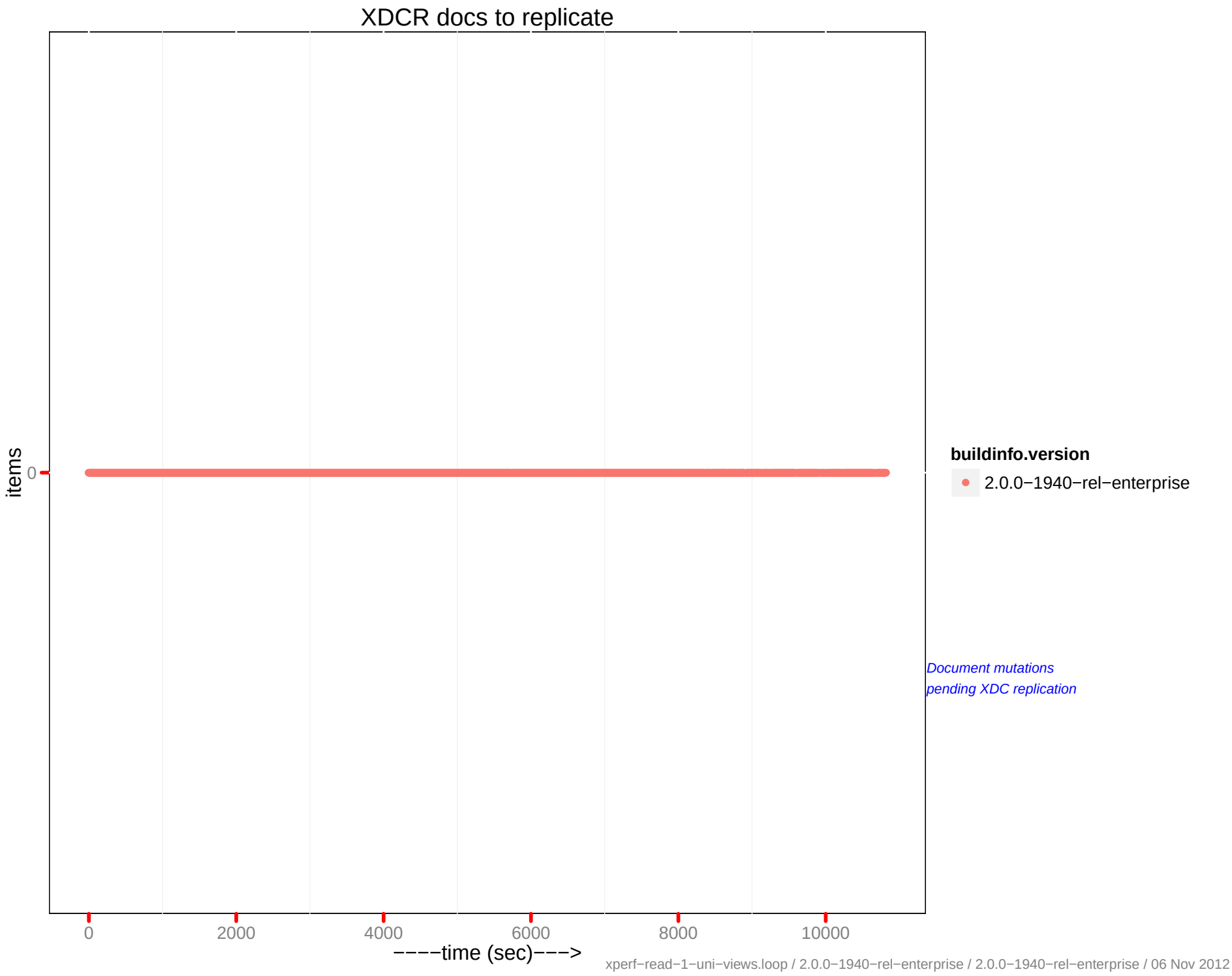

# of get misses
1.95K
1.46K
1000.00
500.00
0
# of get misses
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of get operations per second
for data that the bucket does not contain
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

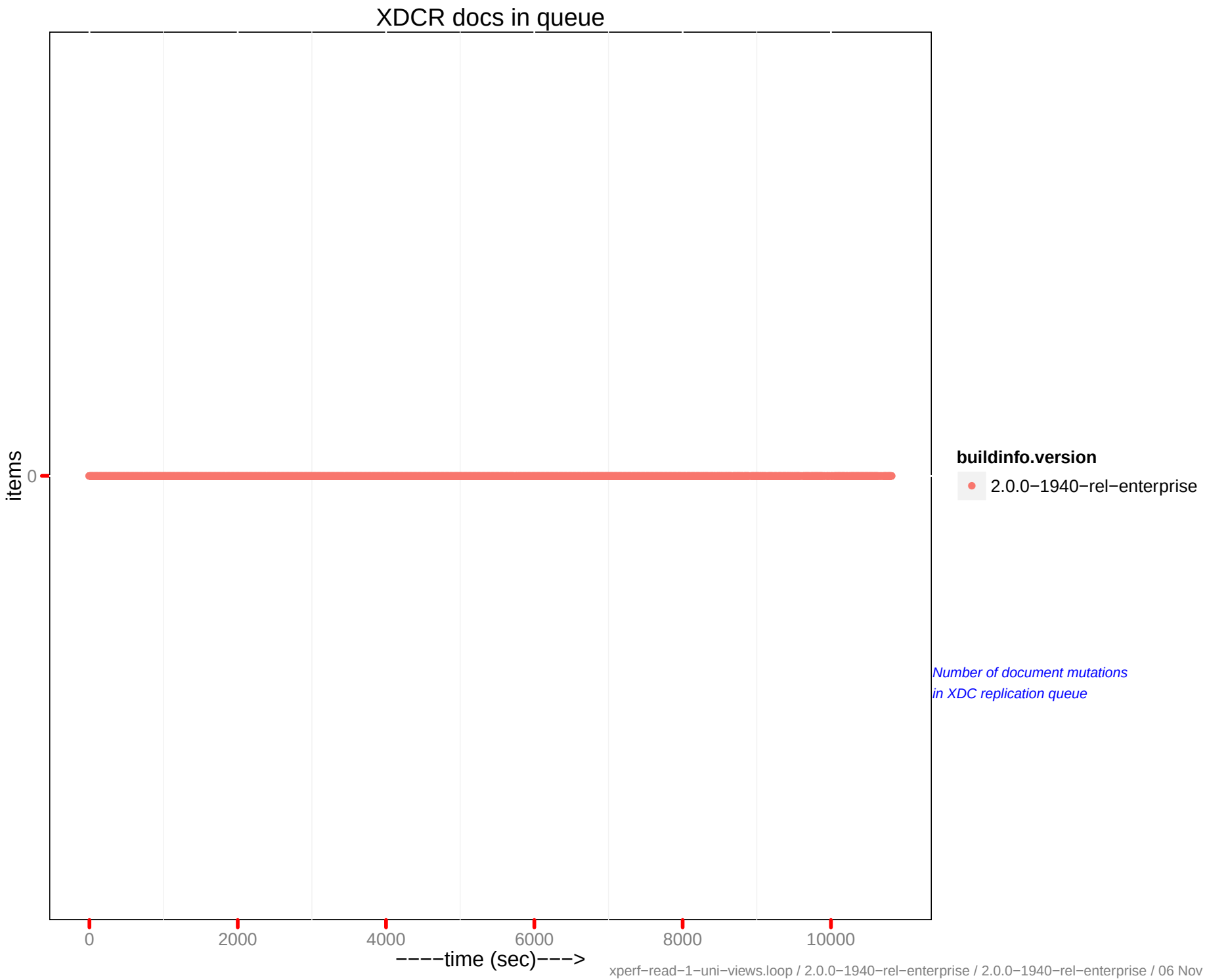

# of get hits
14.65K
9.77K
4.88K
0
# of get hits
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of get operations per second
for data that the bucket contains
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

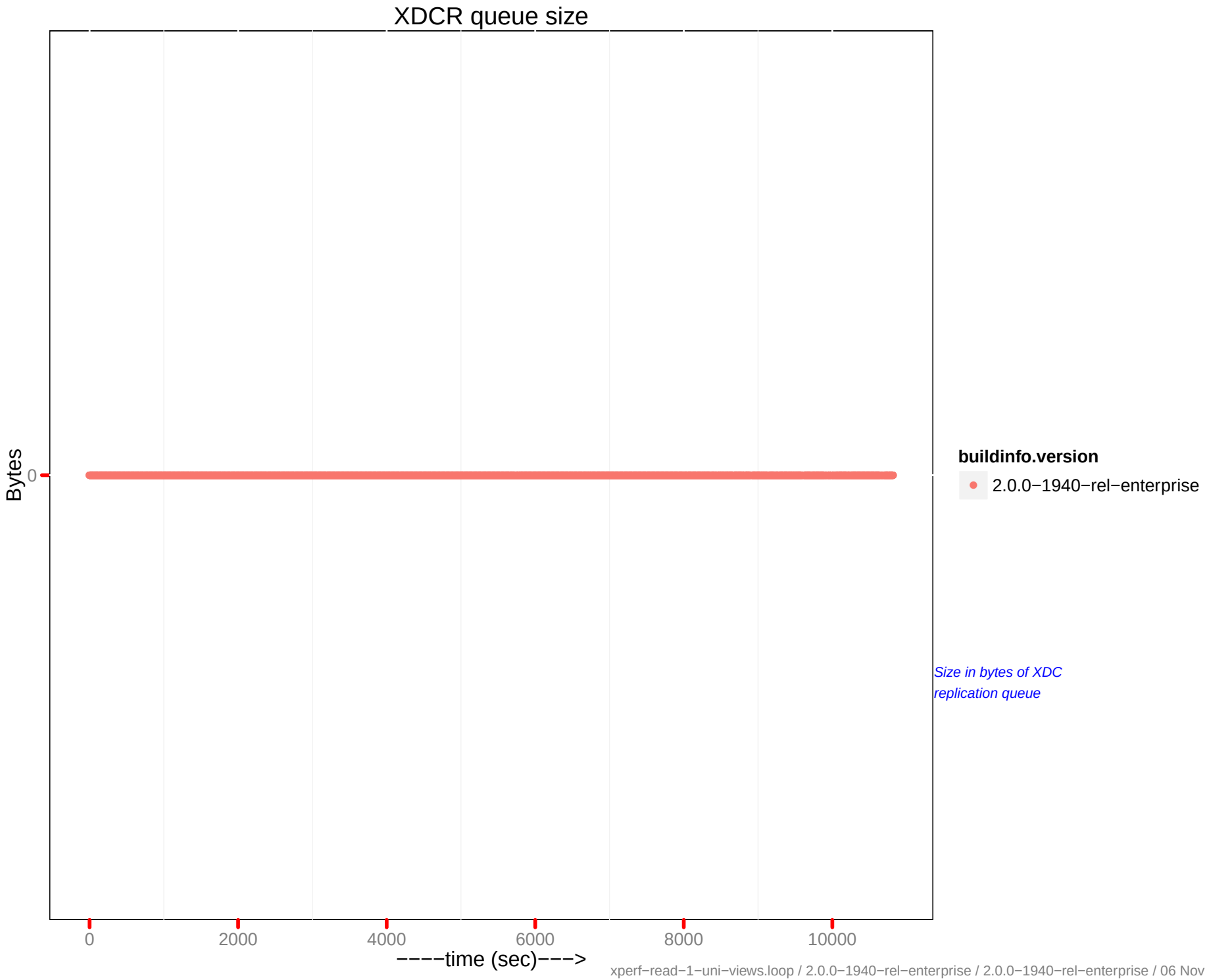

cache_miss percentage
cache_miss percentage
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Percentage of reads per second
from disk as opposed to RAM
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

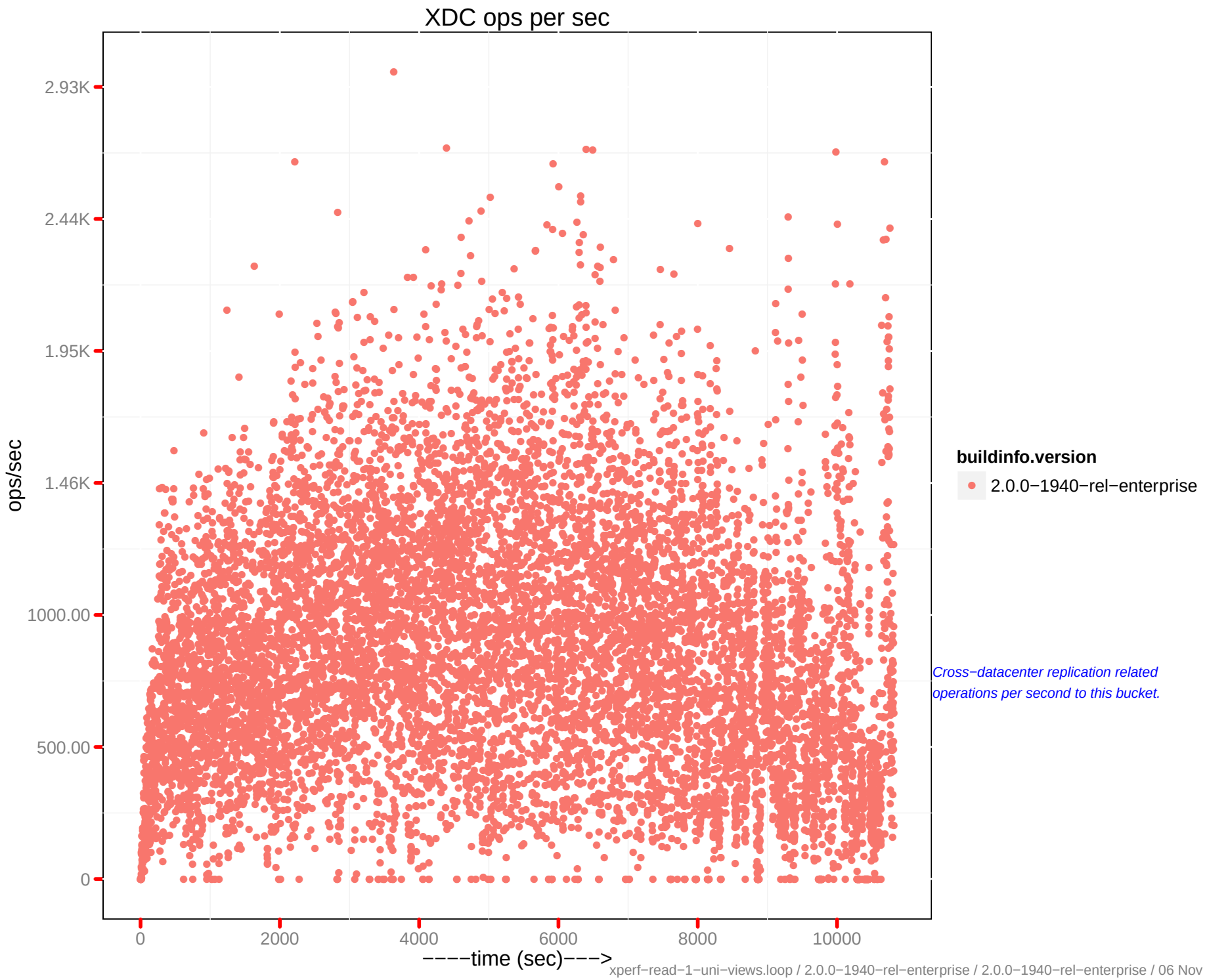

cache_miss percentage 0−5
cache_miss percentage
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

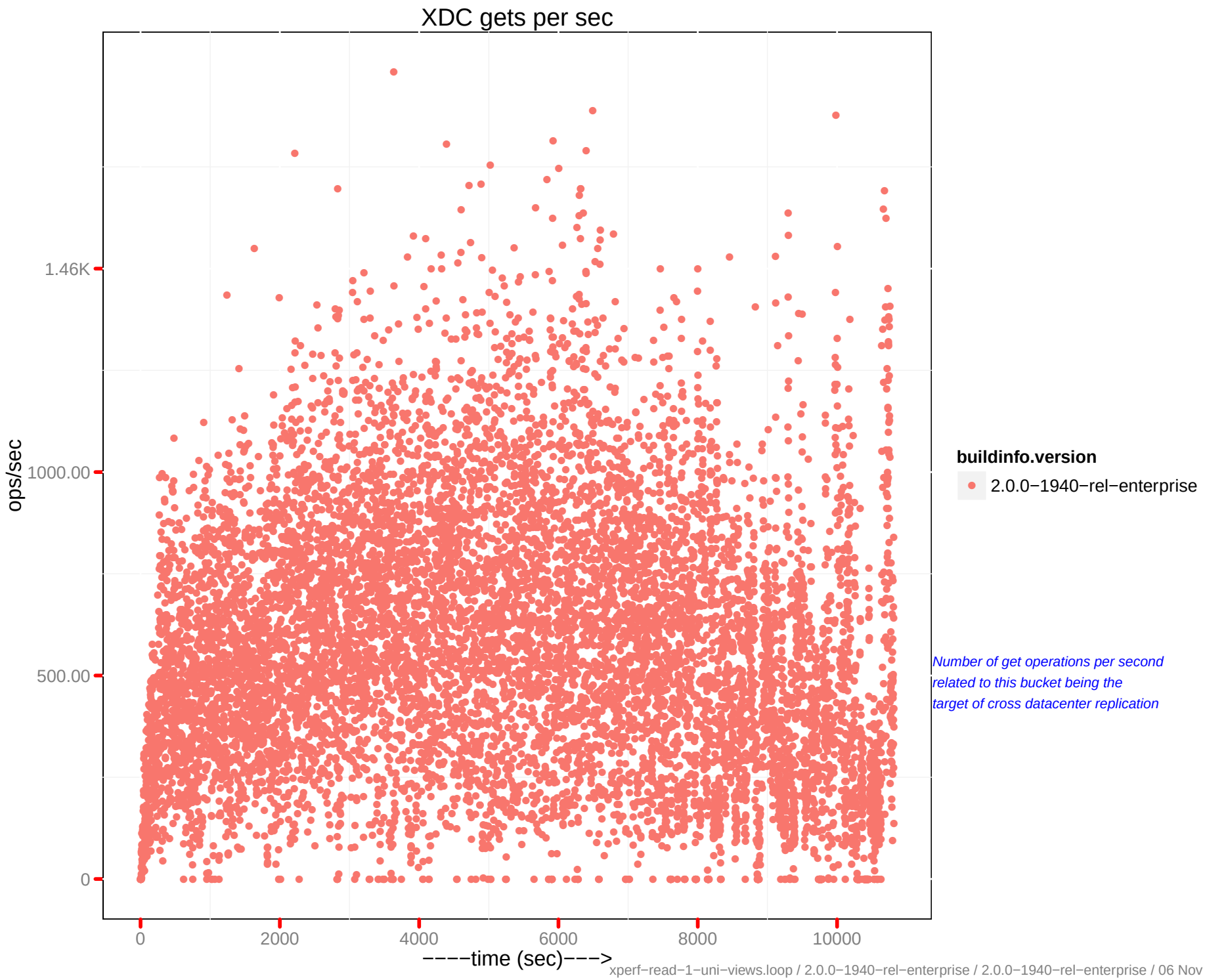

Number of connections
250.00
200.00
150.00
100.00
connections
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of connections to this server including connections from external drivers, proxies, TAP requests and internal statistic gathering (measured from curr_connections)
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

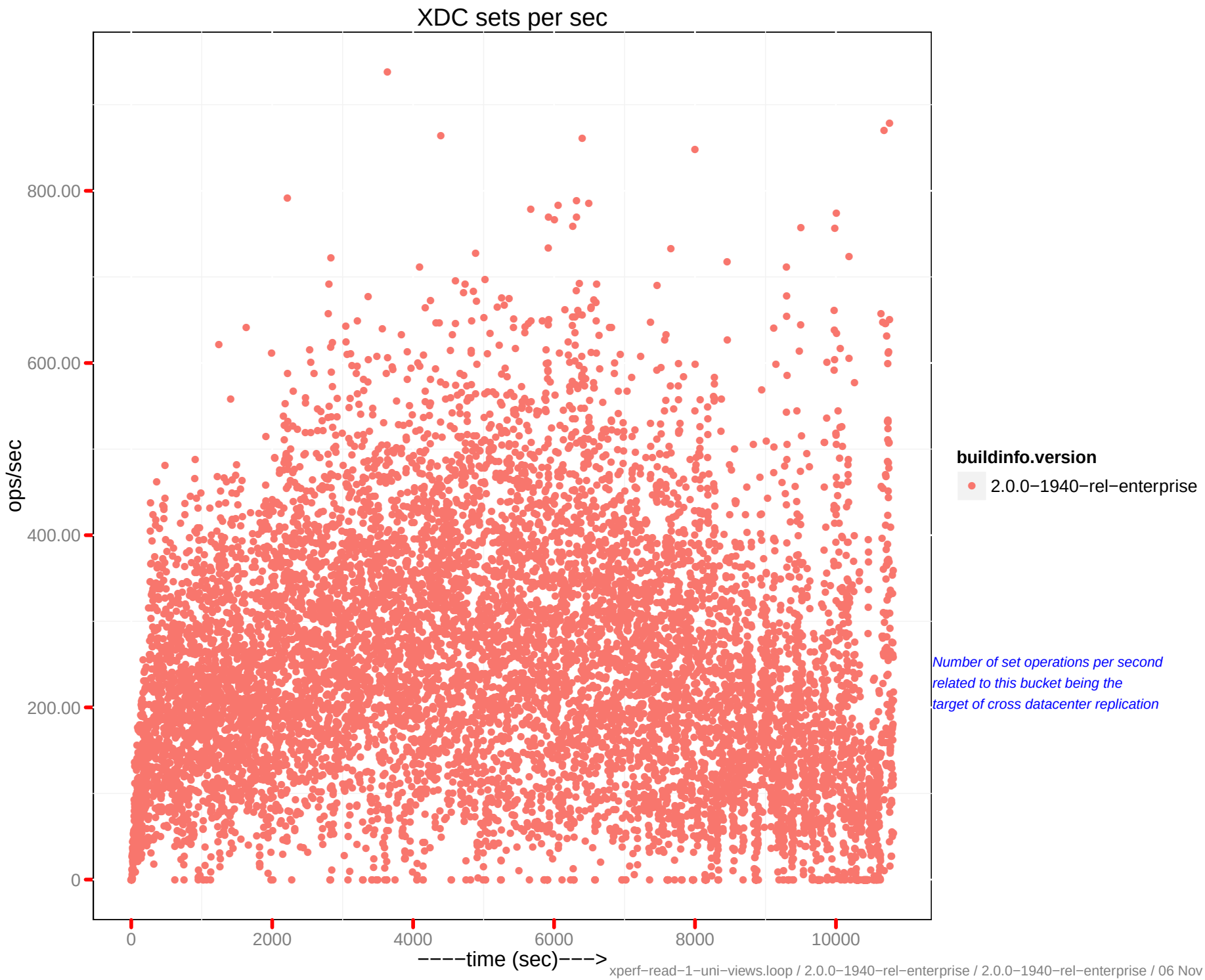

XDCR docs to replicate
items
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Document mutations
pending XDC replication
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

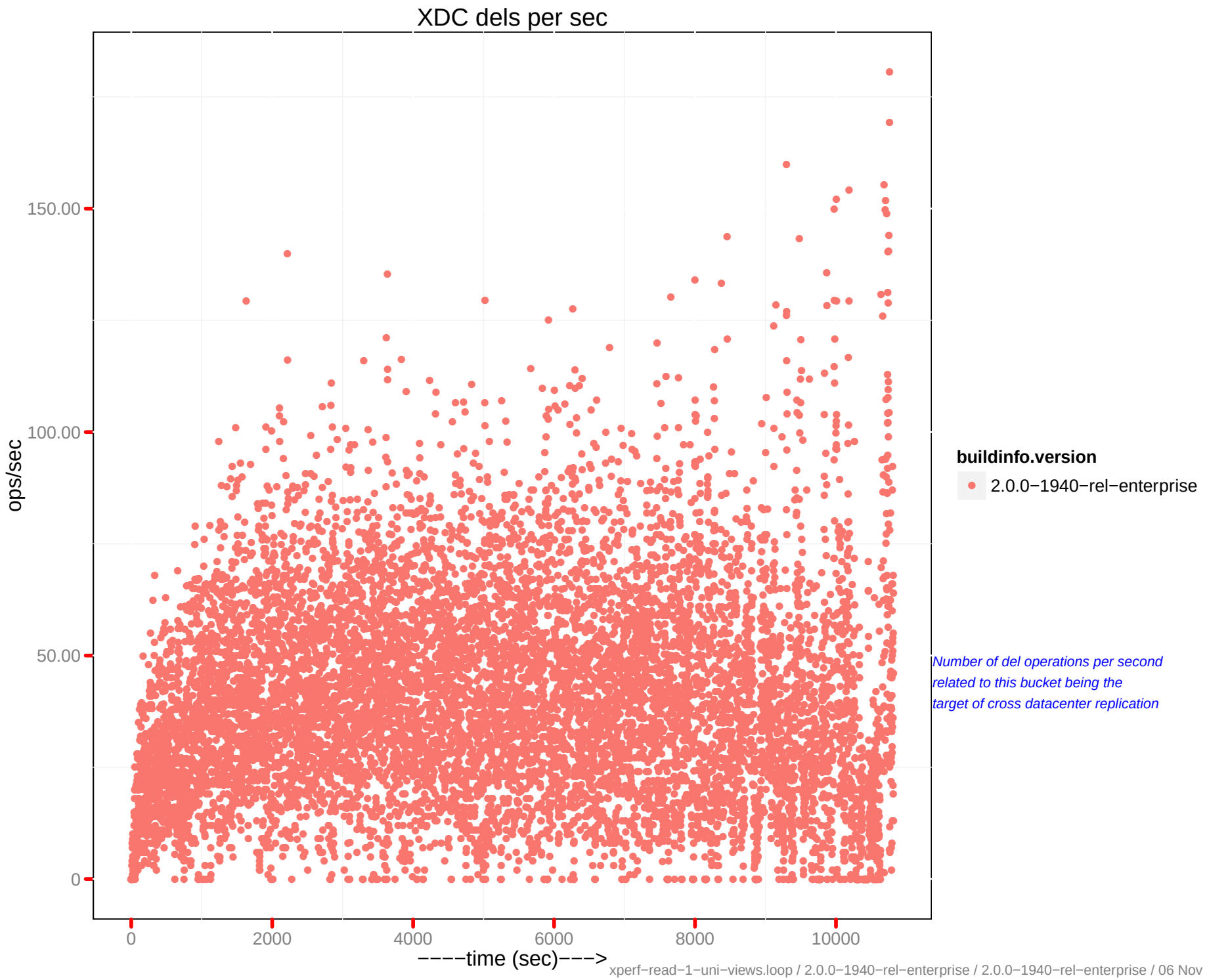

XDCR docs in queue
items
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of document mutations
in XDC replication queue
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

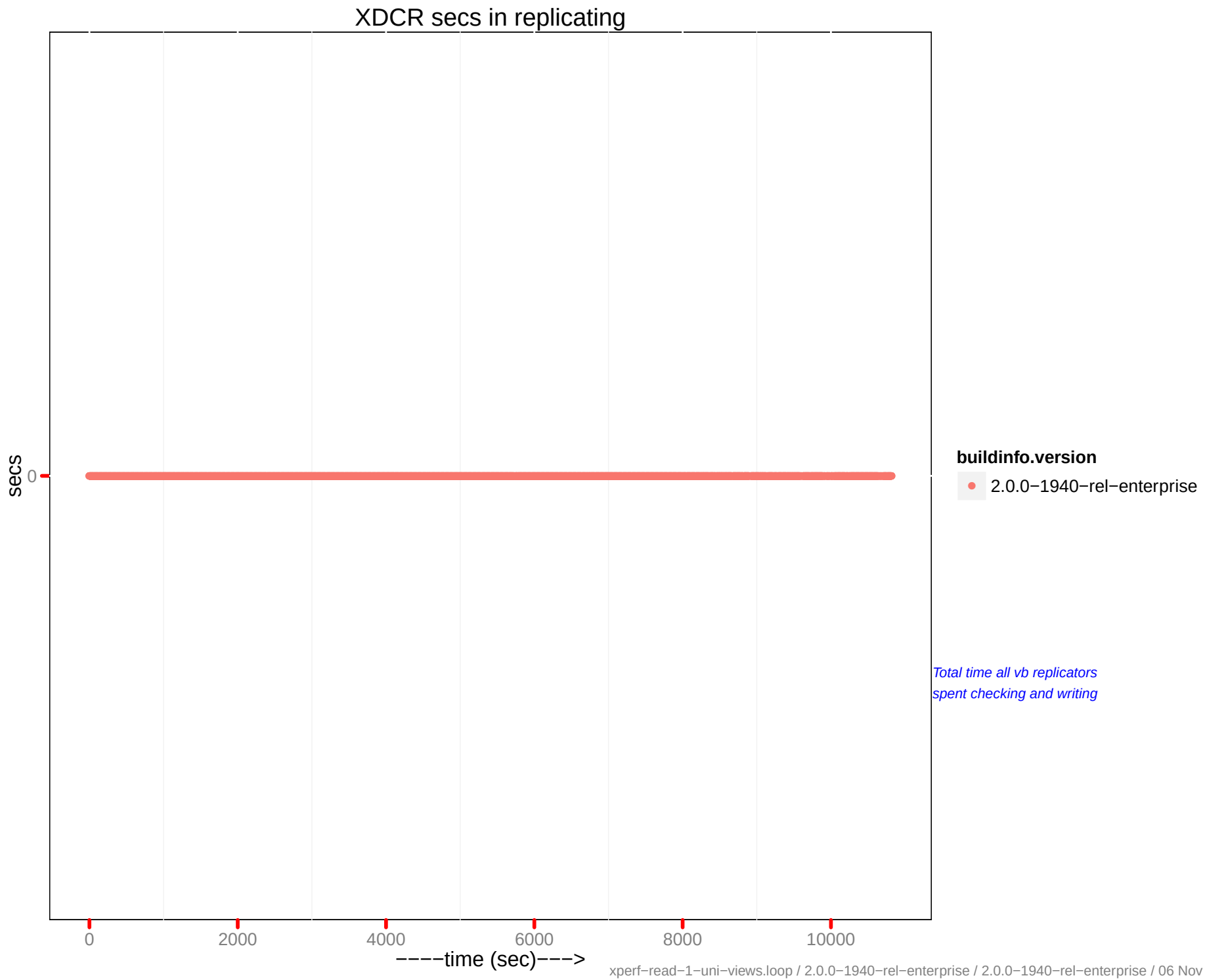

XDCR queue size
Bytes
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Size in bytes of XDC replication queue
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

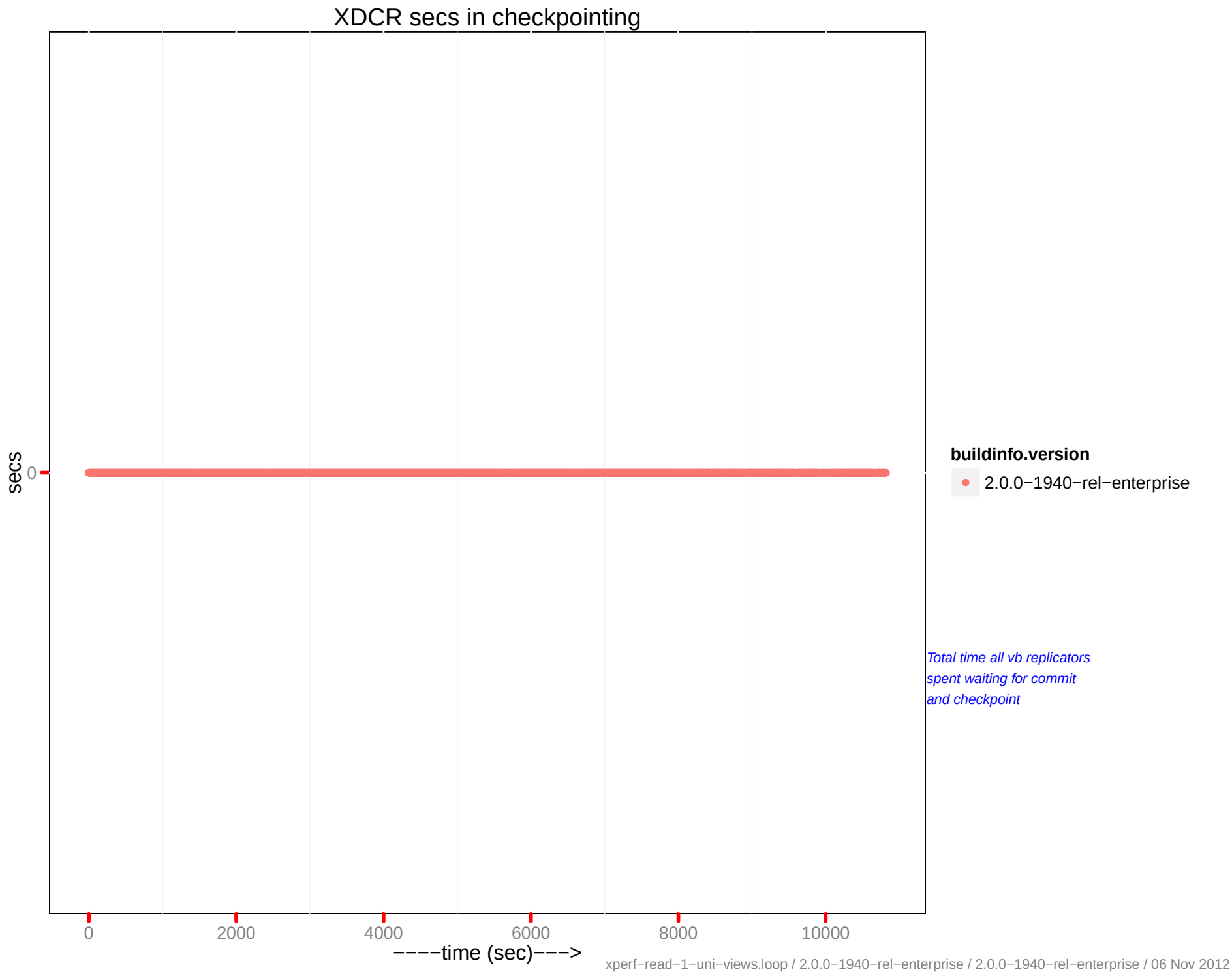

XDC ops per sec
2.93K
2.44K
1.95K
1.46K
1000.00
500.00
0
ops/sec
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Cross−datacenter replication related operations per second to this bucket.
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

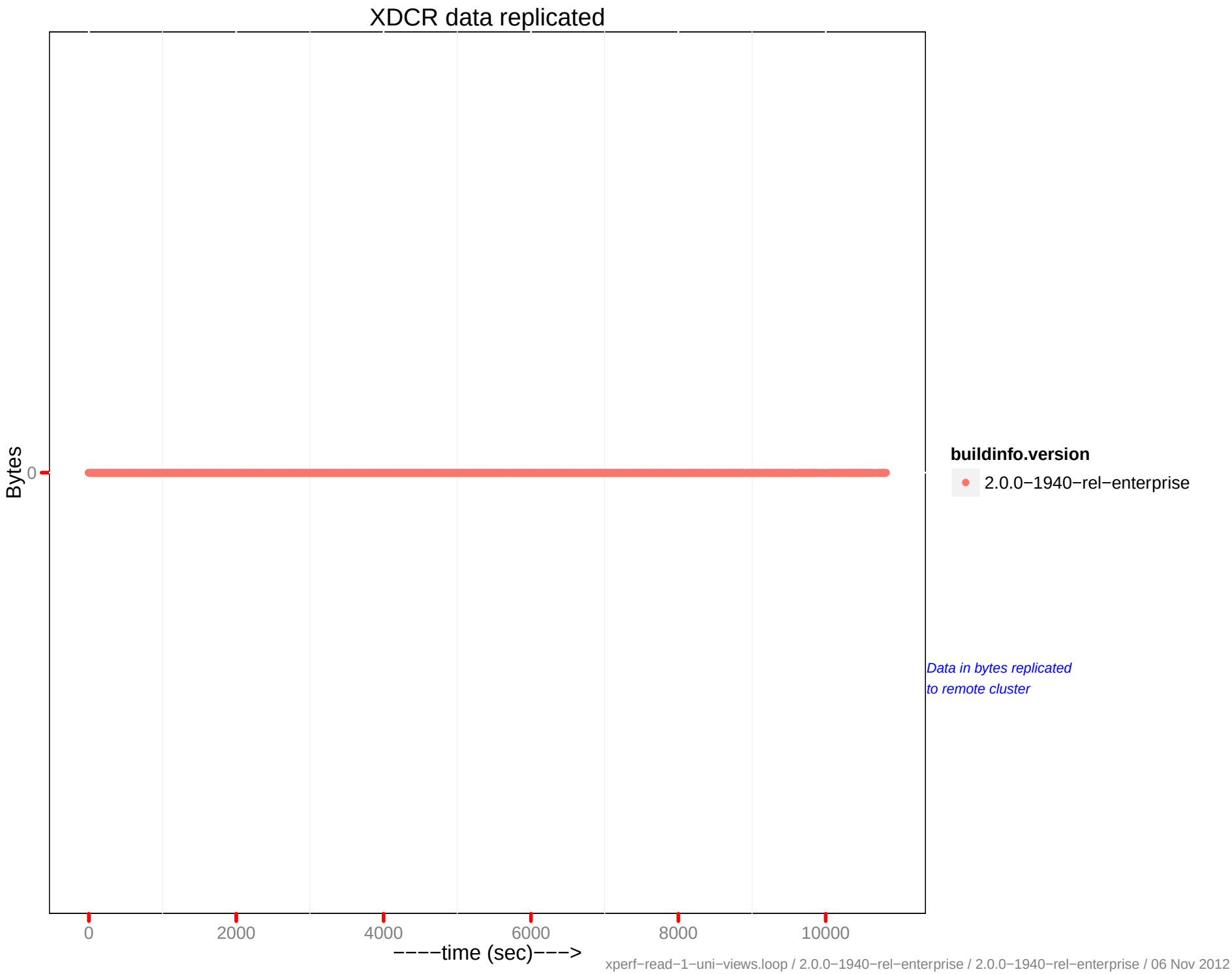

XDC gets per sec
ops/sec
1.46K
1000.00
500.00
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of get operations per second related to this bucket being the target of cross datacenter replication
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

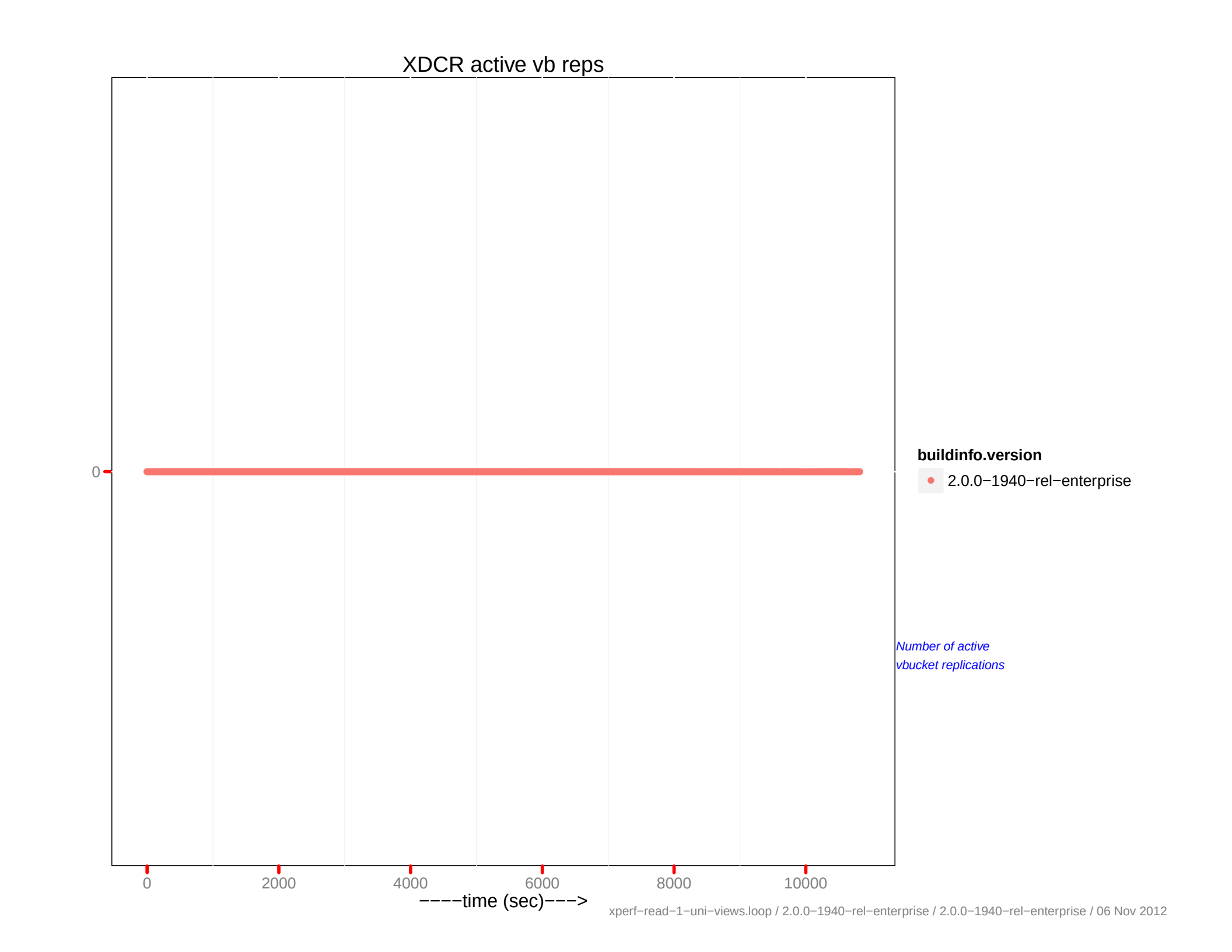

XDC sets per sec
ops/sec
800.00
600.00
400.00
200.00
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of set operations per second related to this bucket being the target of cross datacenter replication
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

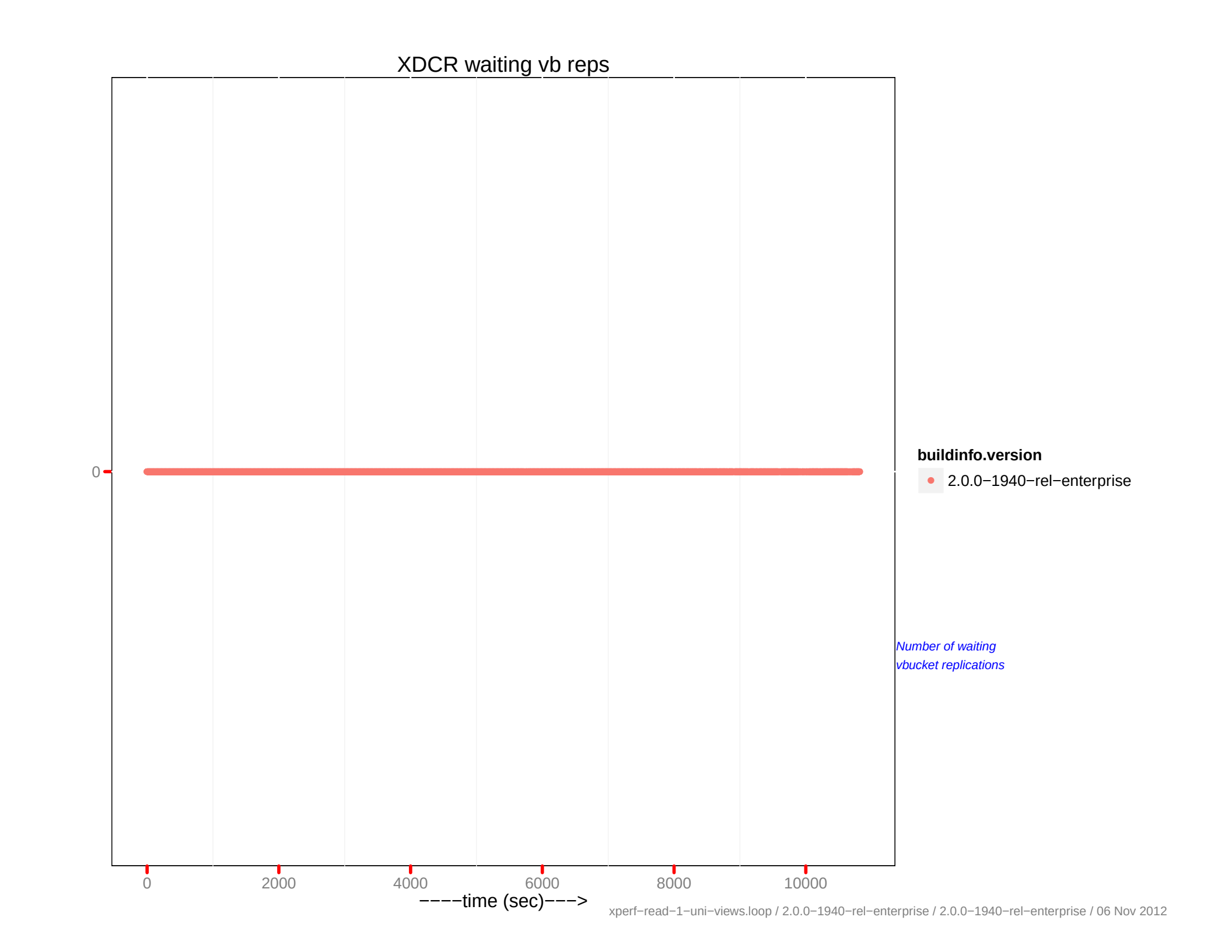

XDC dels per sec
ops/sec
150.00
100.00
50.00
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of del operations per second related to this bucket being the target of cross datacenter replication
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

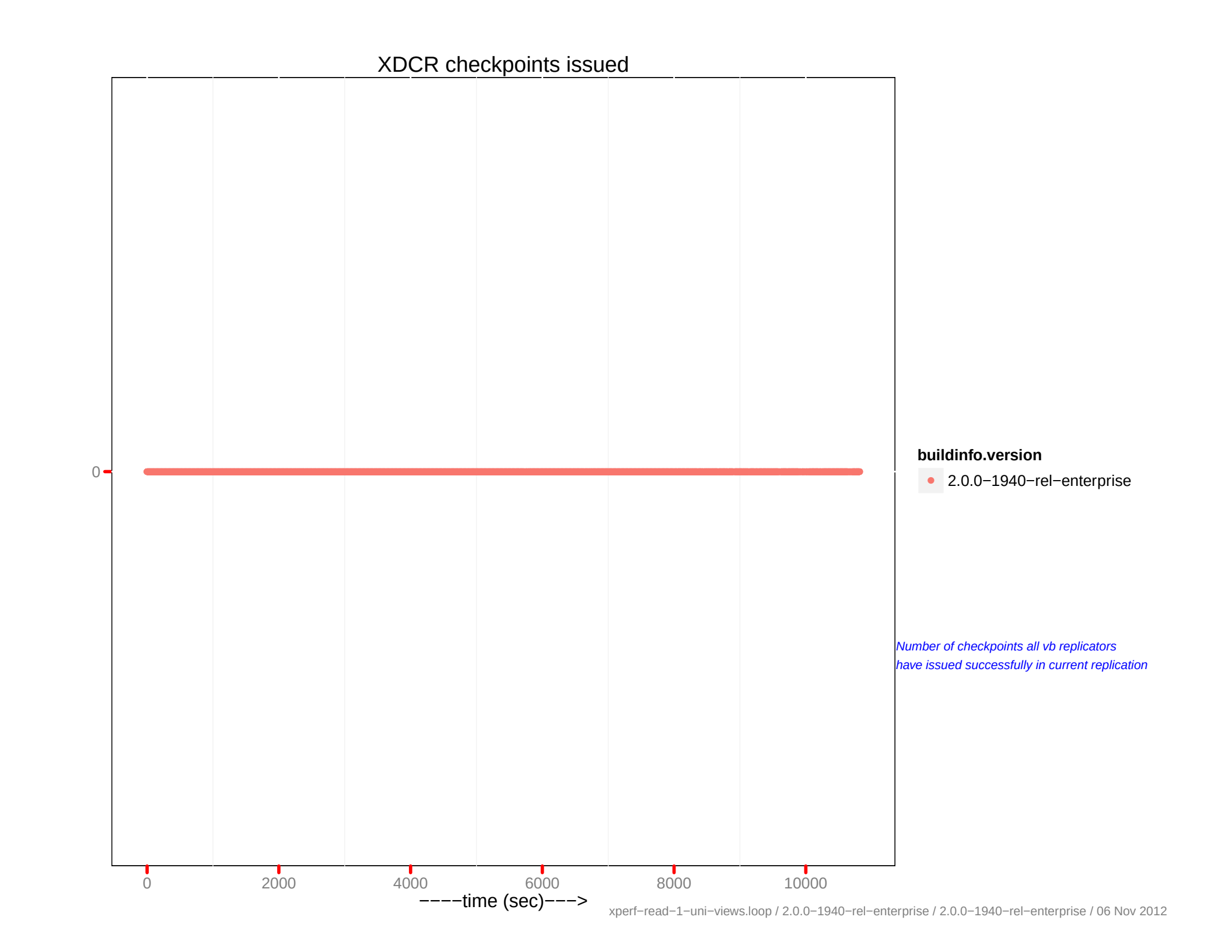

XDCR secs in replicating
secs
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Total time all vb replicators
spent checking and writing
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

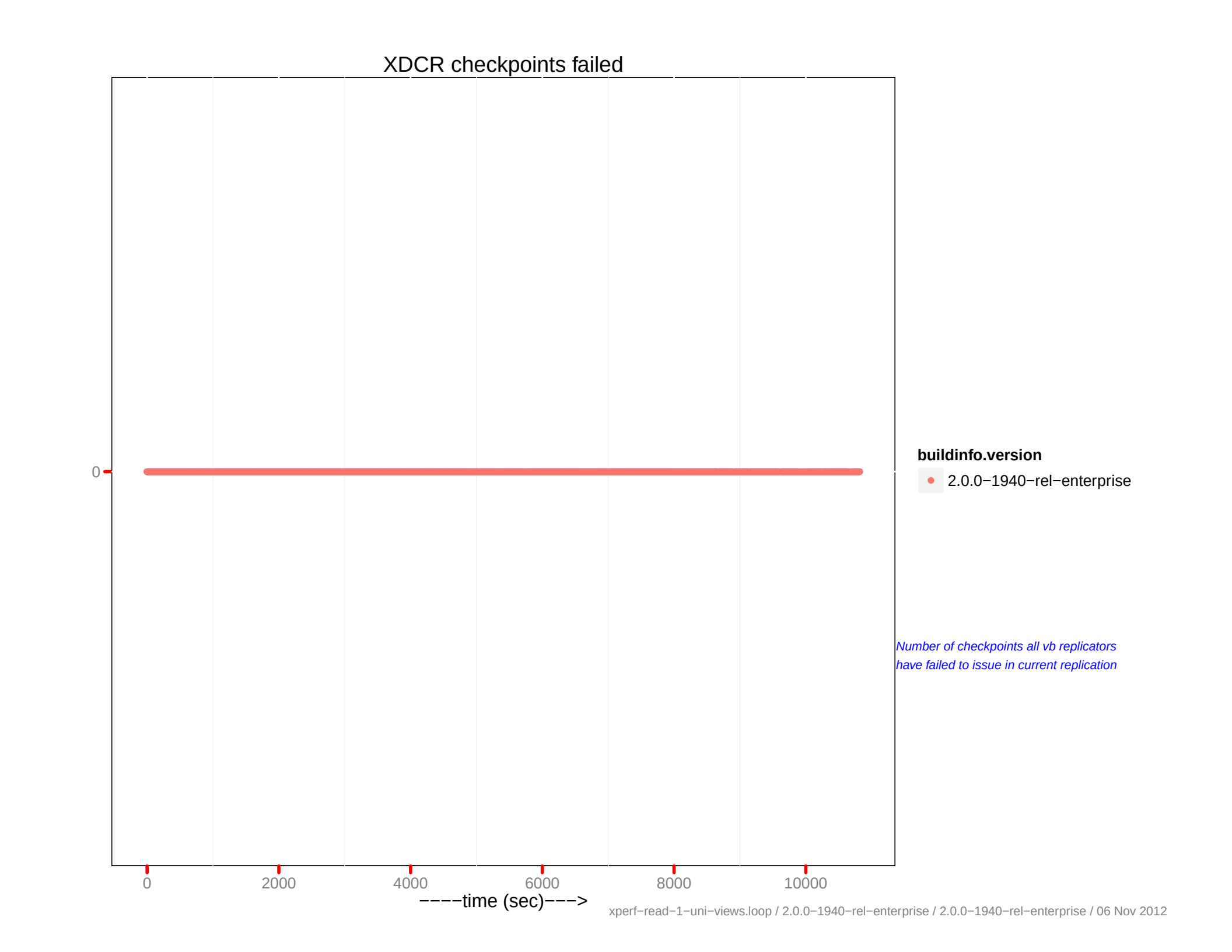

XDCR secs in checkpointing
secs
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Total time all vb replicators
spent waiting for commit
and checkpoint
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

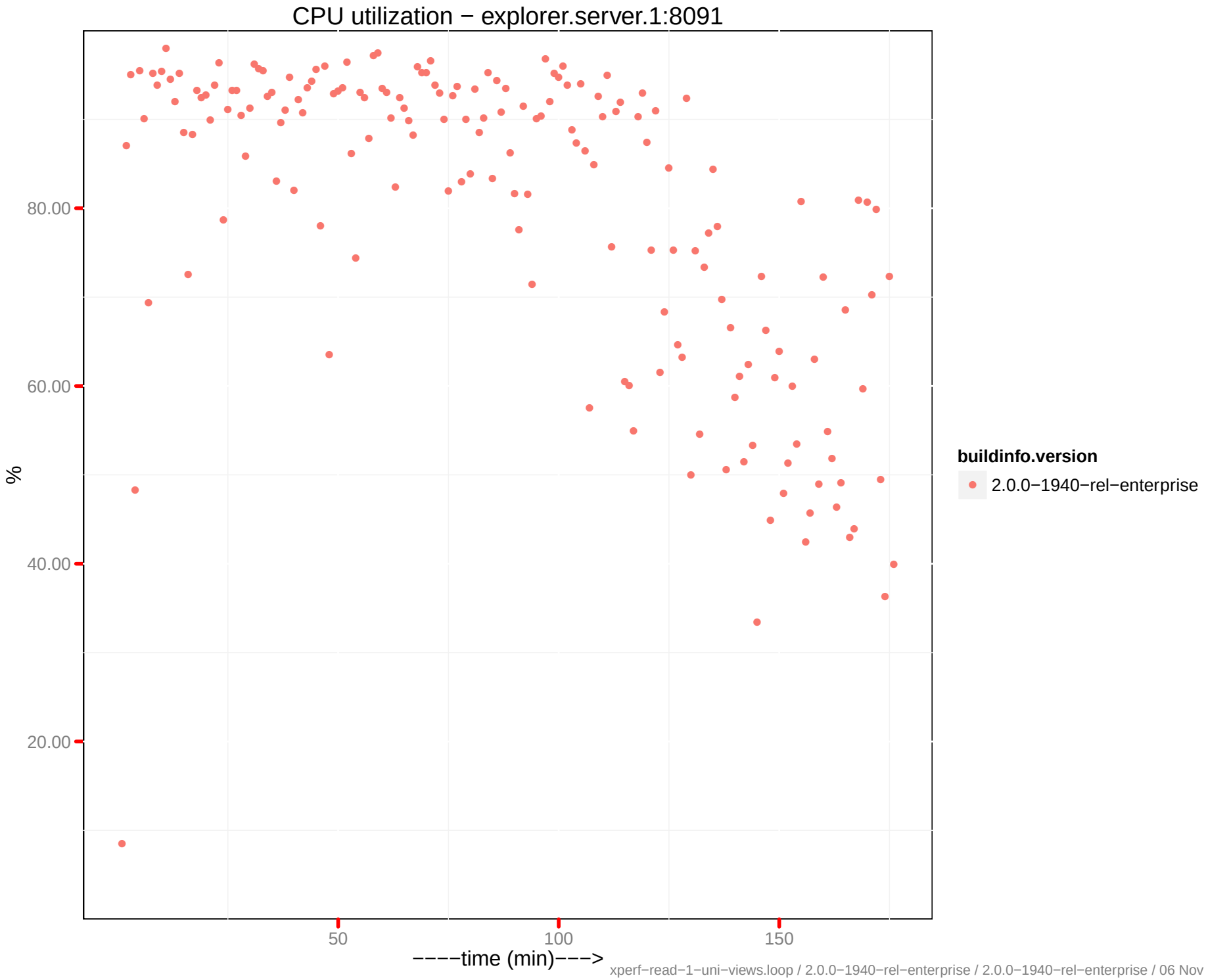

XDCR data replicated
Bytes
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Data in bytes replicated
to remote cluster
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

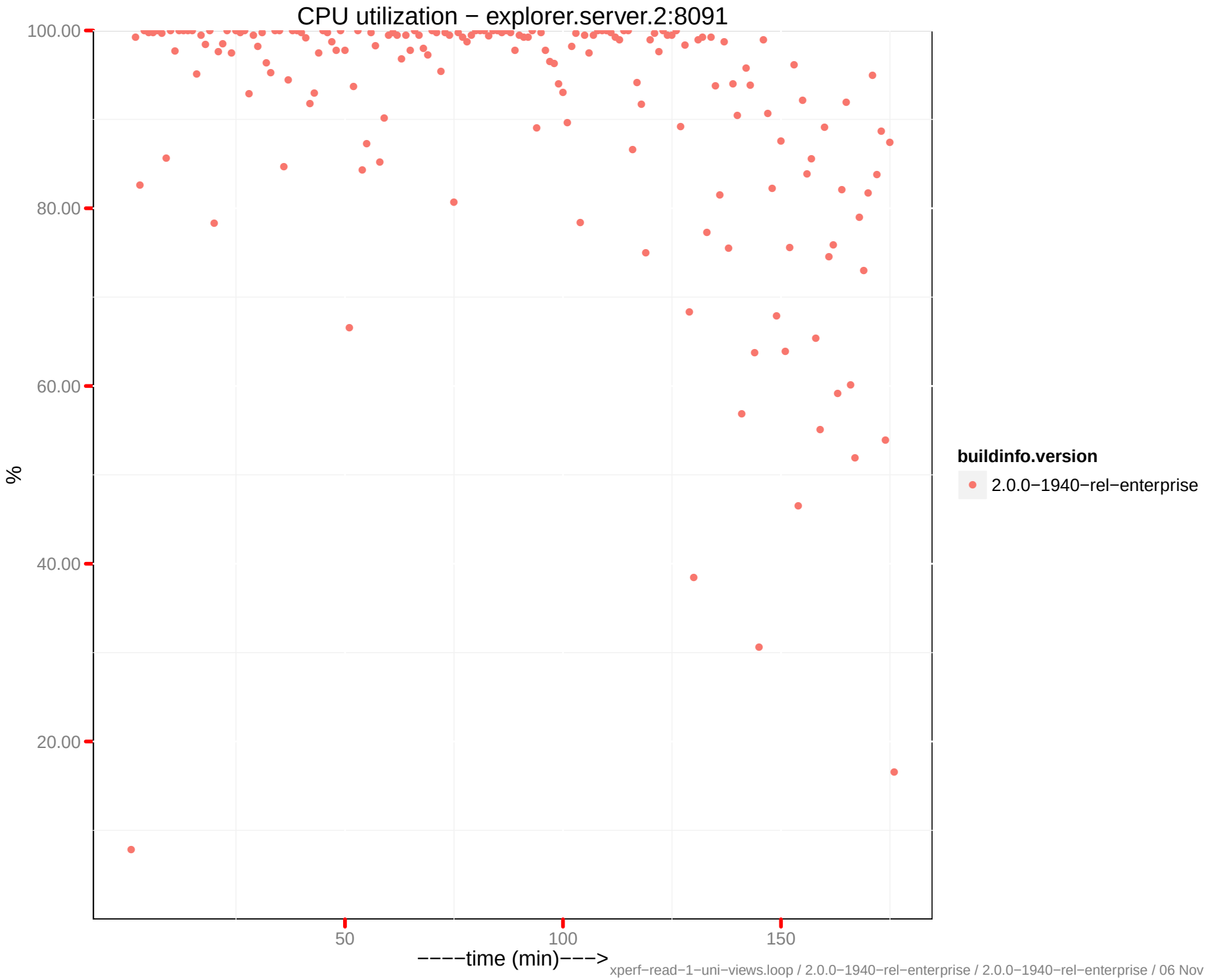

XDCR active vb reps
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Number of active
vbucket replications
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

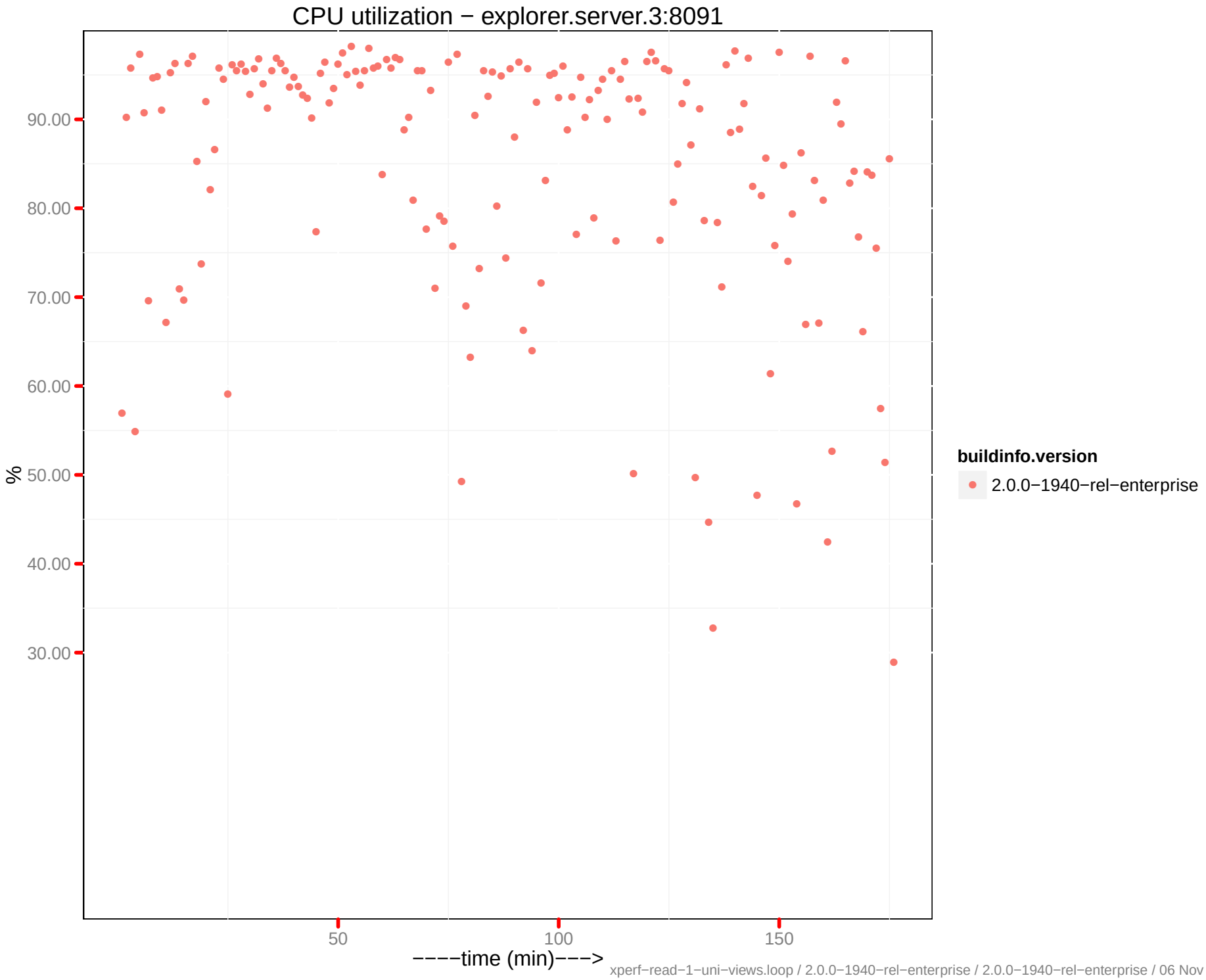

XDCR waiting vb reps
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of waiting
vbucket replications
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

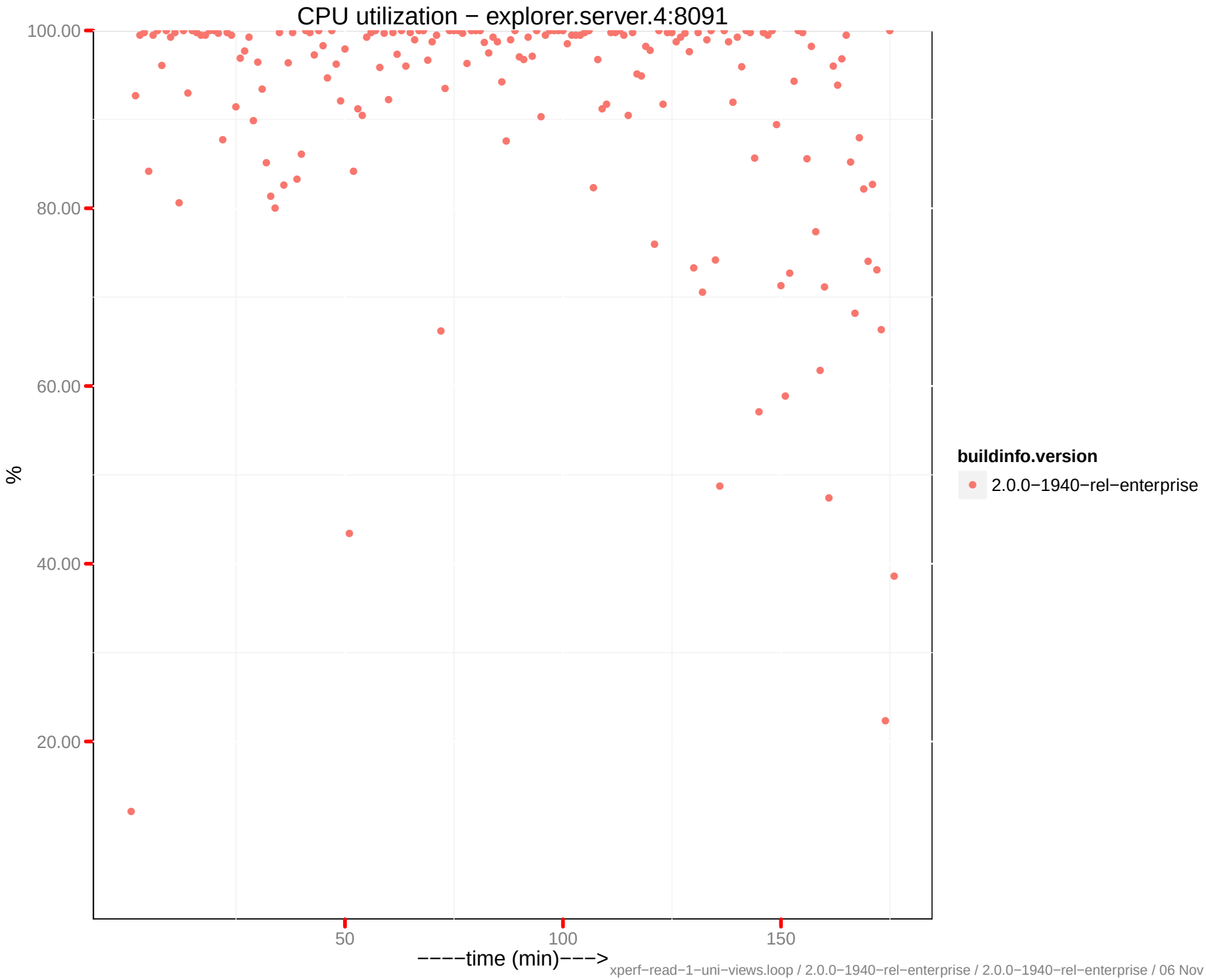

XDCR checkpoints issued
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of checkpoints all vb replicators
have issued successfully in current replication
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

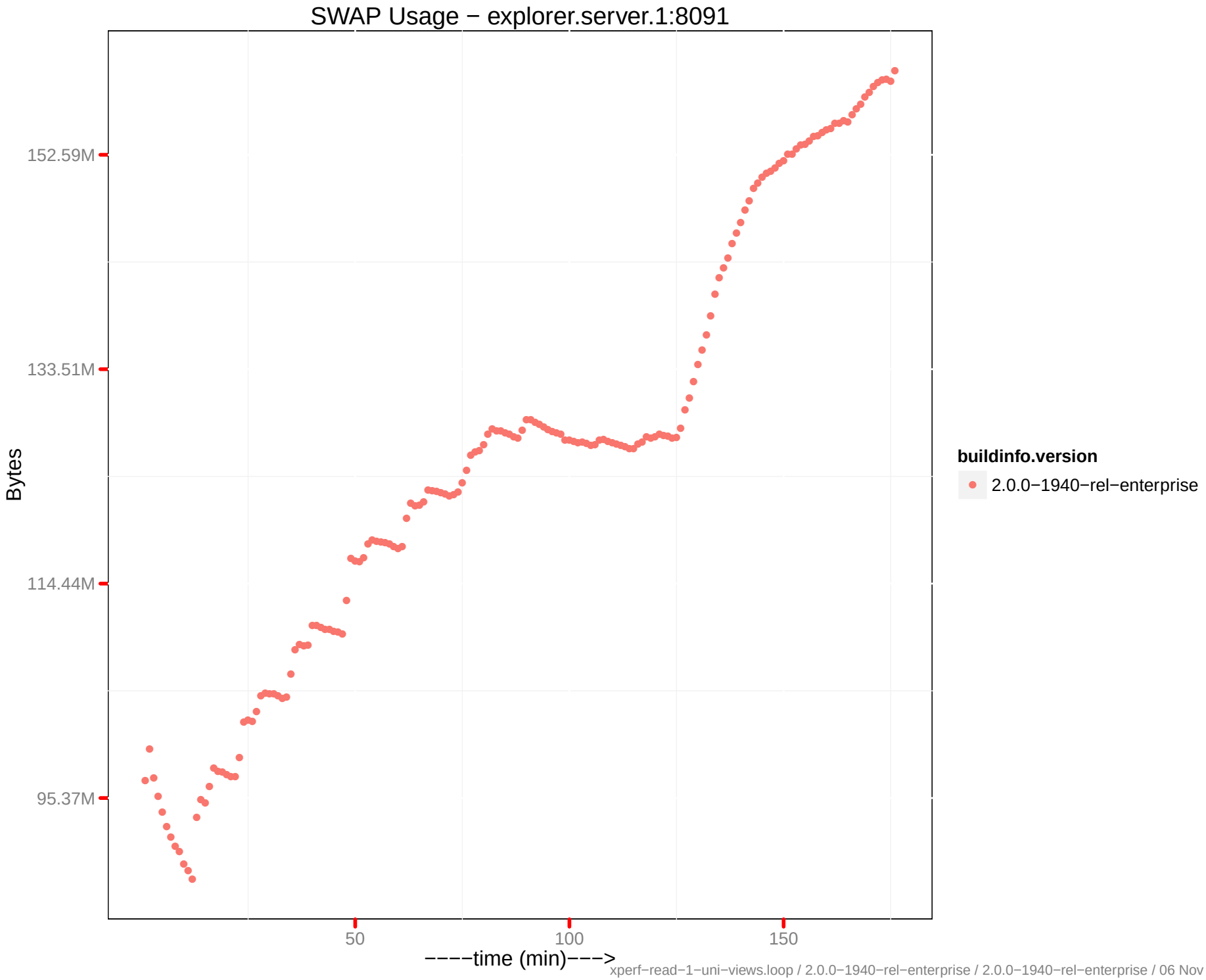

XDCR checkpoints failed
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Number of checkpoints all vb replicators have failed to issue in current replication
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

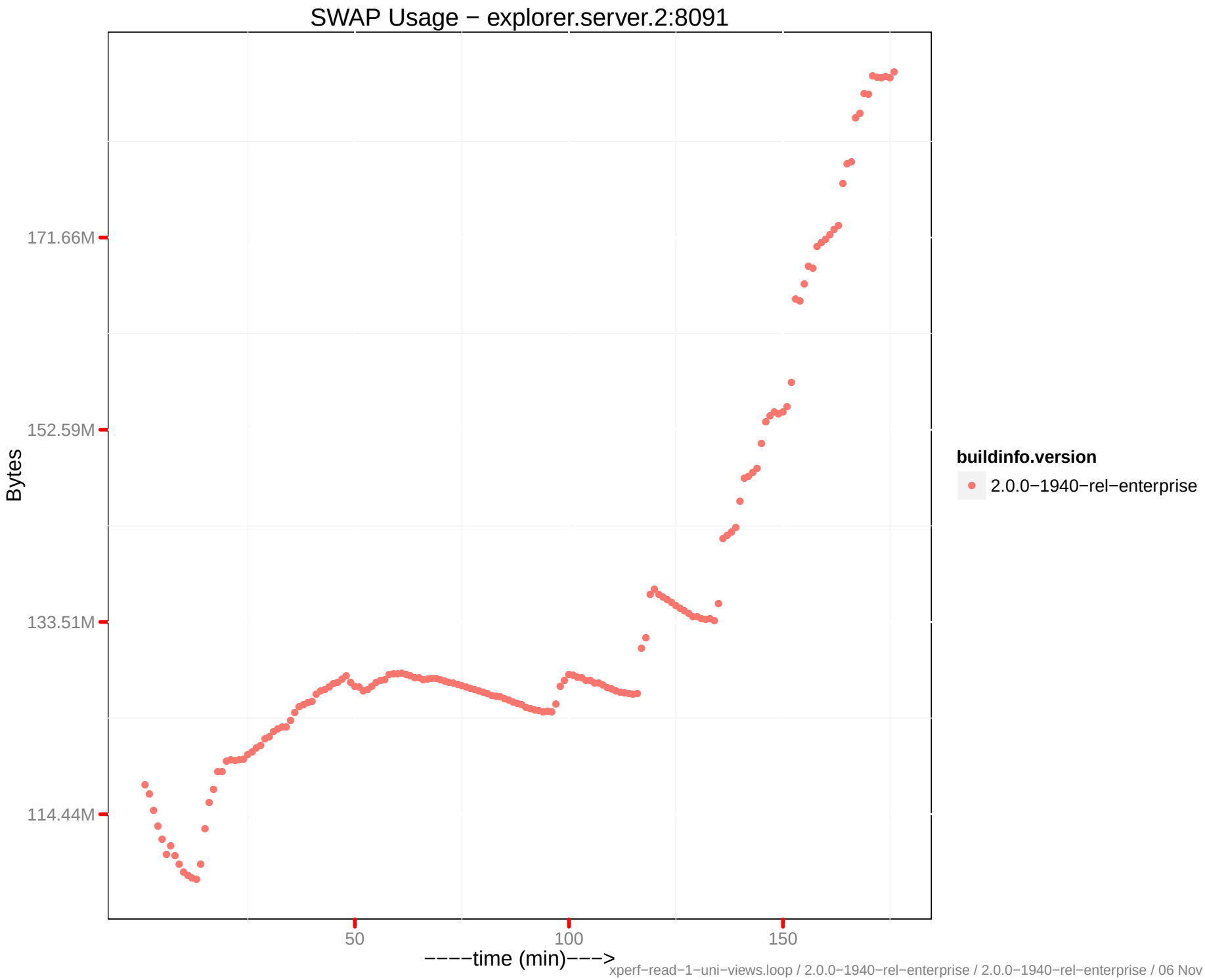

CPU utilization − explorer.server.1:8091
80.00
60.00
40.00
20.00
%
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

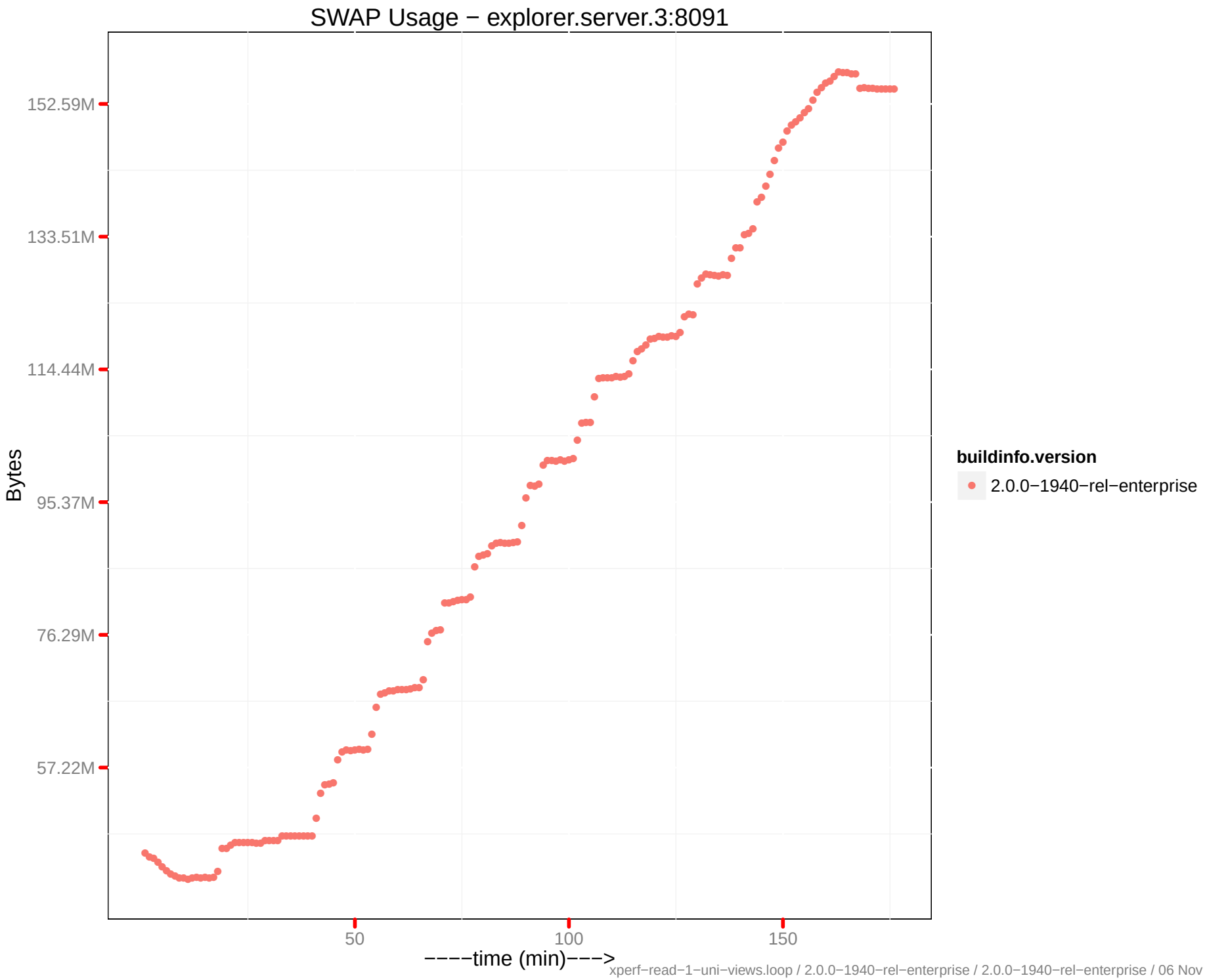

CPU utilization − explorer.server.2:8091
100.00
80.00
60.00
40.00
20.00
%
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

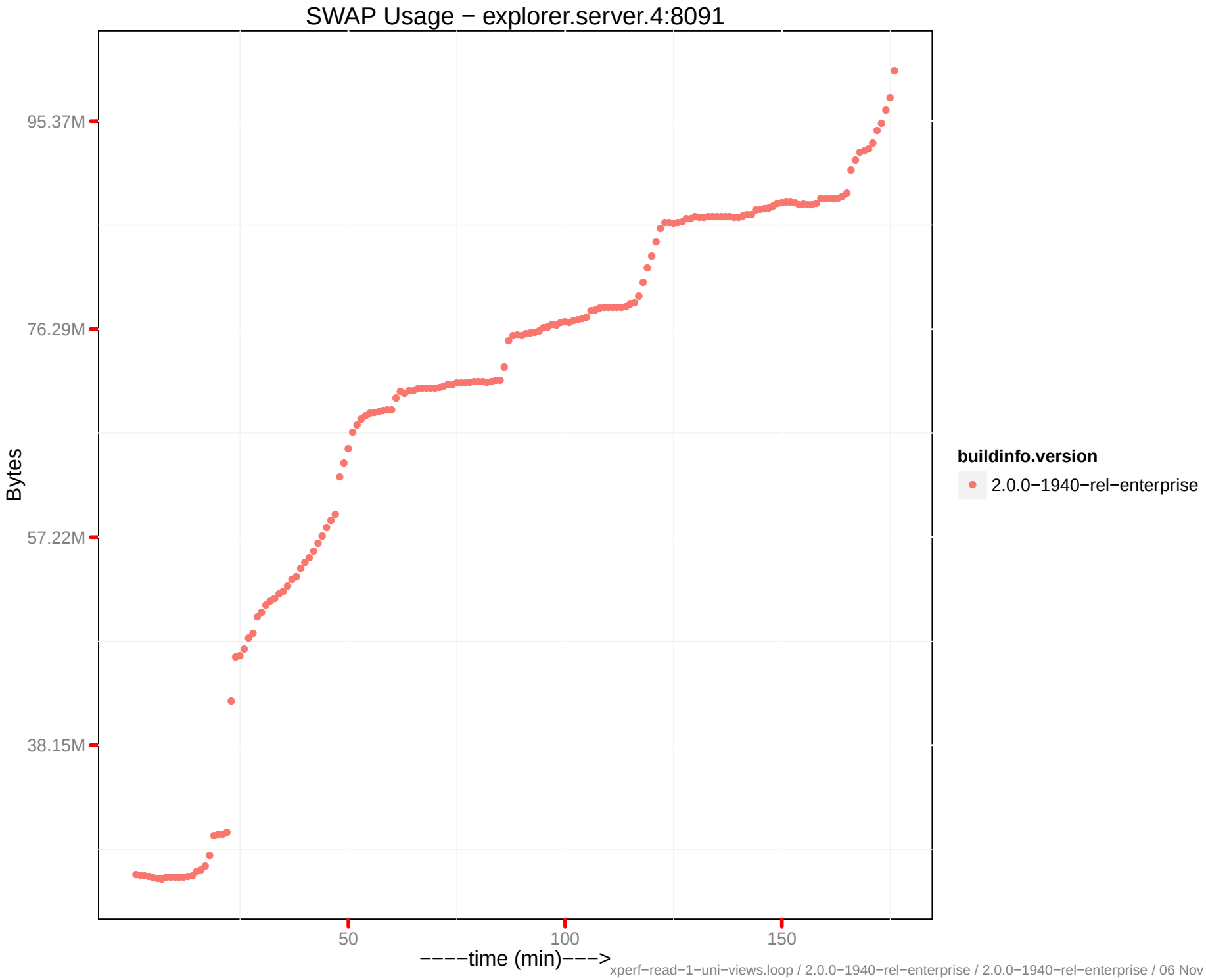

CPU utilization − explorer.server.3:8091
90.00
80.00
70.00
60.00
50.00
40.00
30.00
%
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

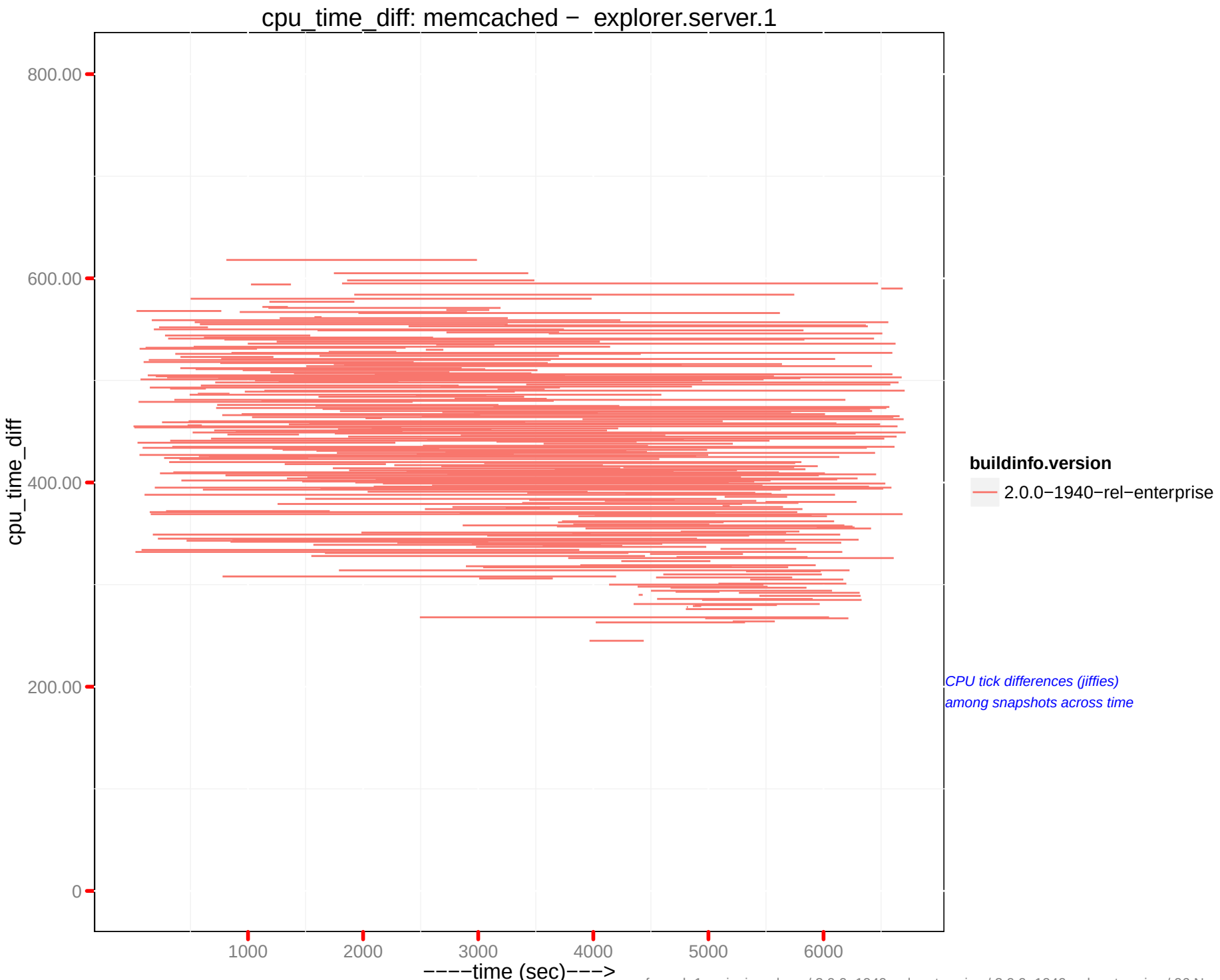

CPU utilization − explorer.server.4:8091
100.00
80.00
60.00
40.00
20.00
%
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

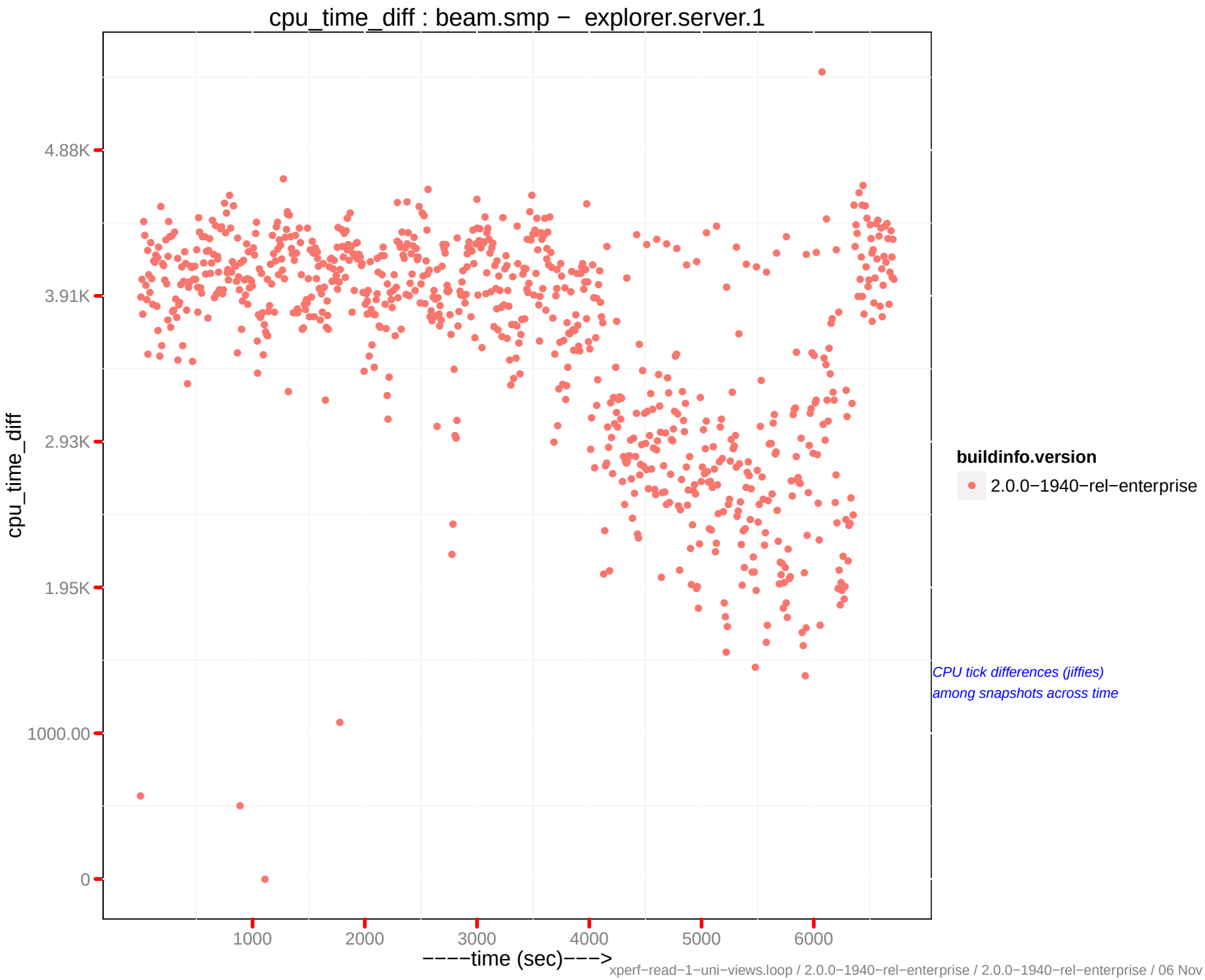

SWAP Usage − explorer.server.1:8091
152.59M
133.51M
114.44M
95.37M
Bytes
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

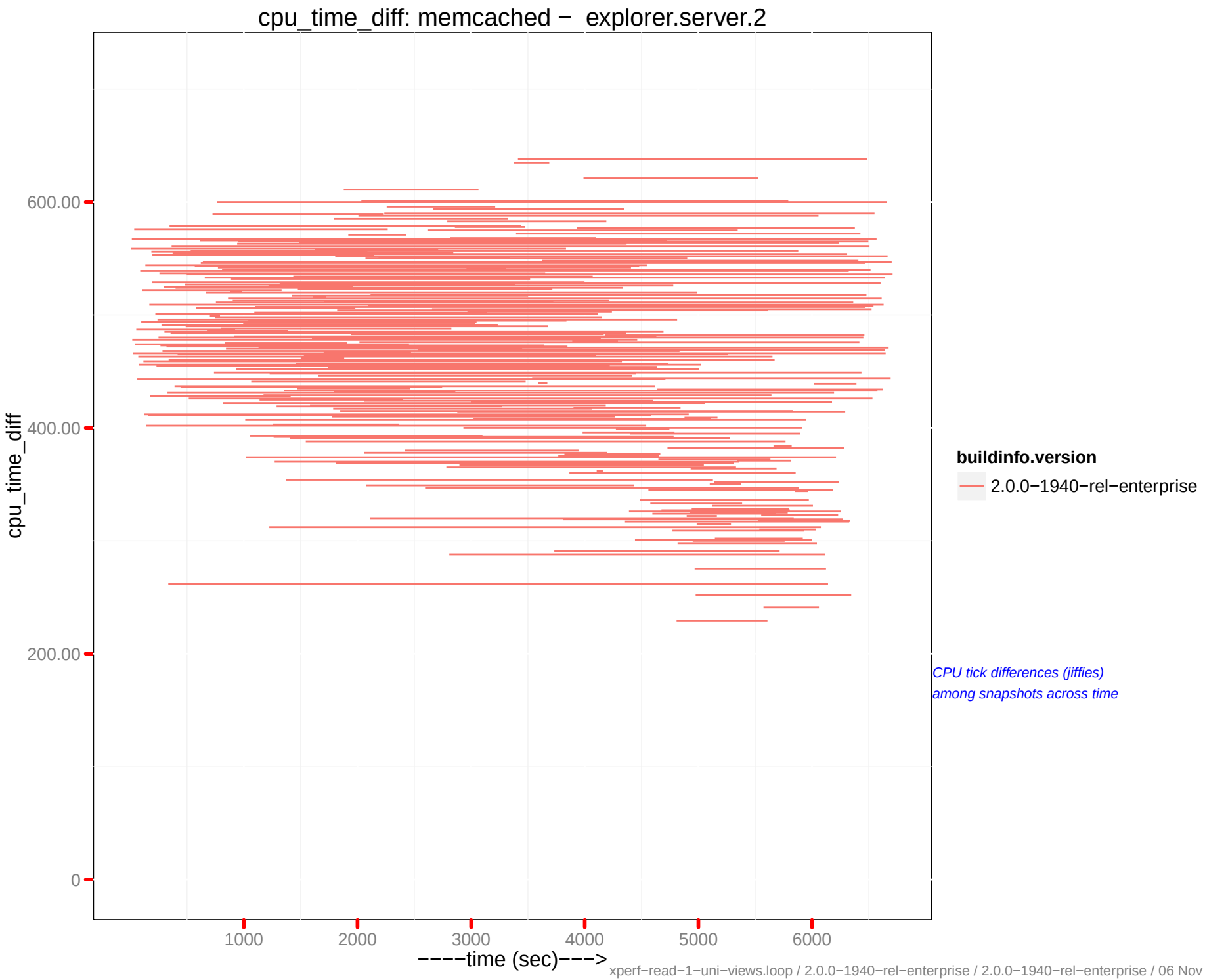

SWAP Usage − explorer.server.2:8091
171.66M
152.59M
133.51M
114.44M
Bytes
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

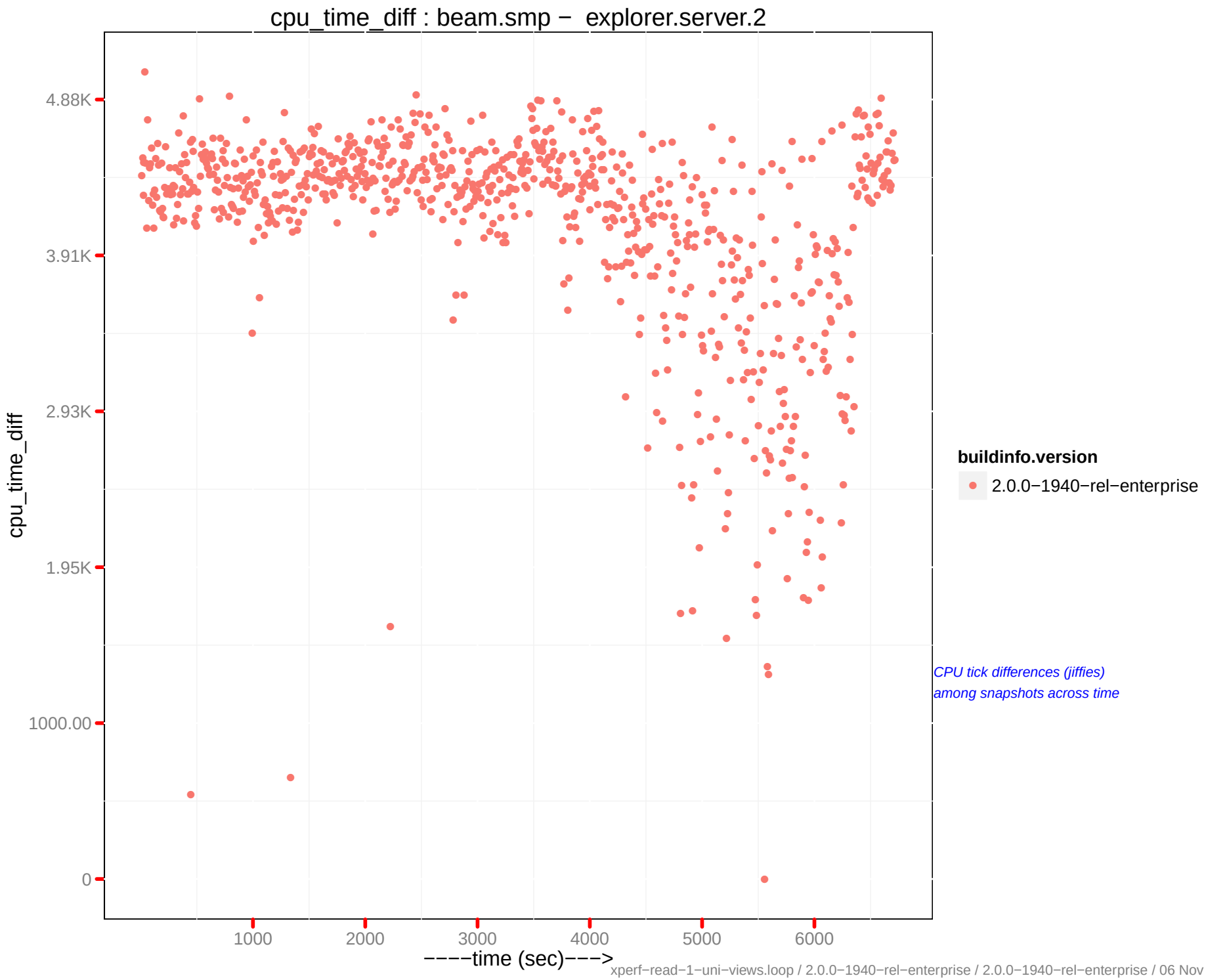

SWAP Usage − explorer.server.3:8091
152.59M
133.51M
114.44M
95.37M
76.29M
57.22M
Bytes
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

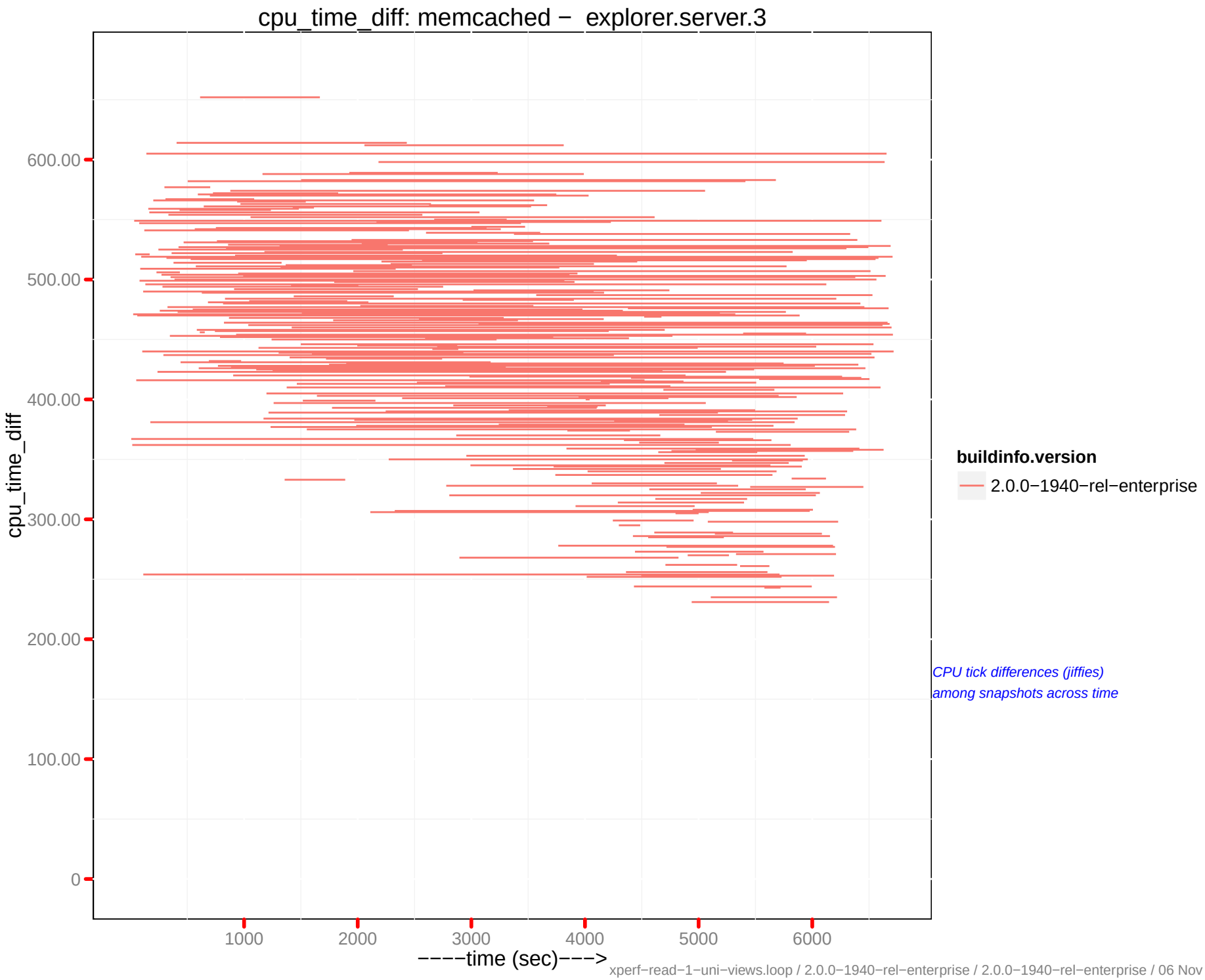

SWAP Usage − explorer.server.4:8091
95.37M
76.29M
57.22M
38.15M
Bytes
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

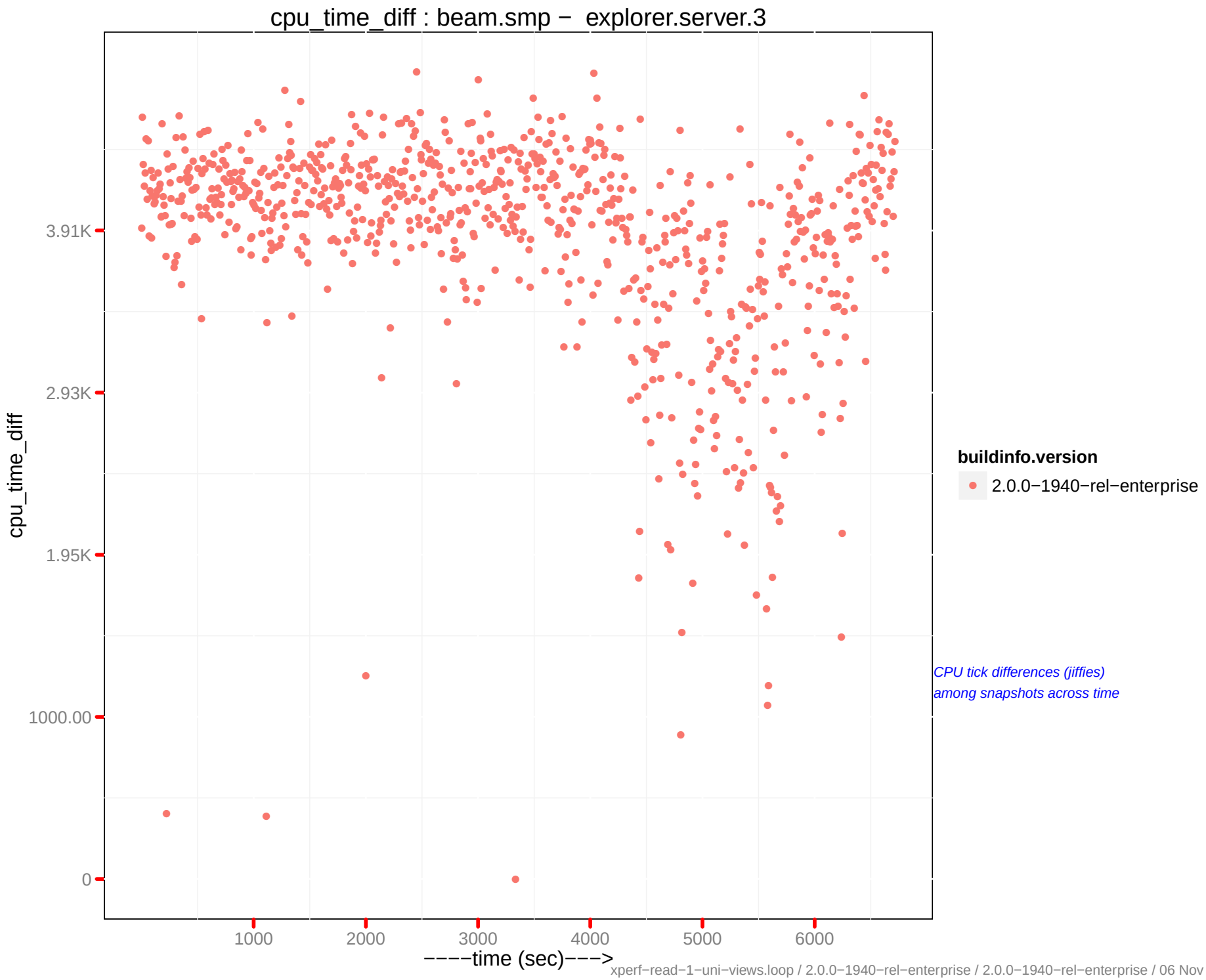

cpu_time_diff: memcached − _explorer.server.1
800.00
600.00
400.00
200.00
0
cpu_time_diff
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

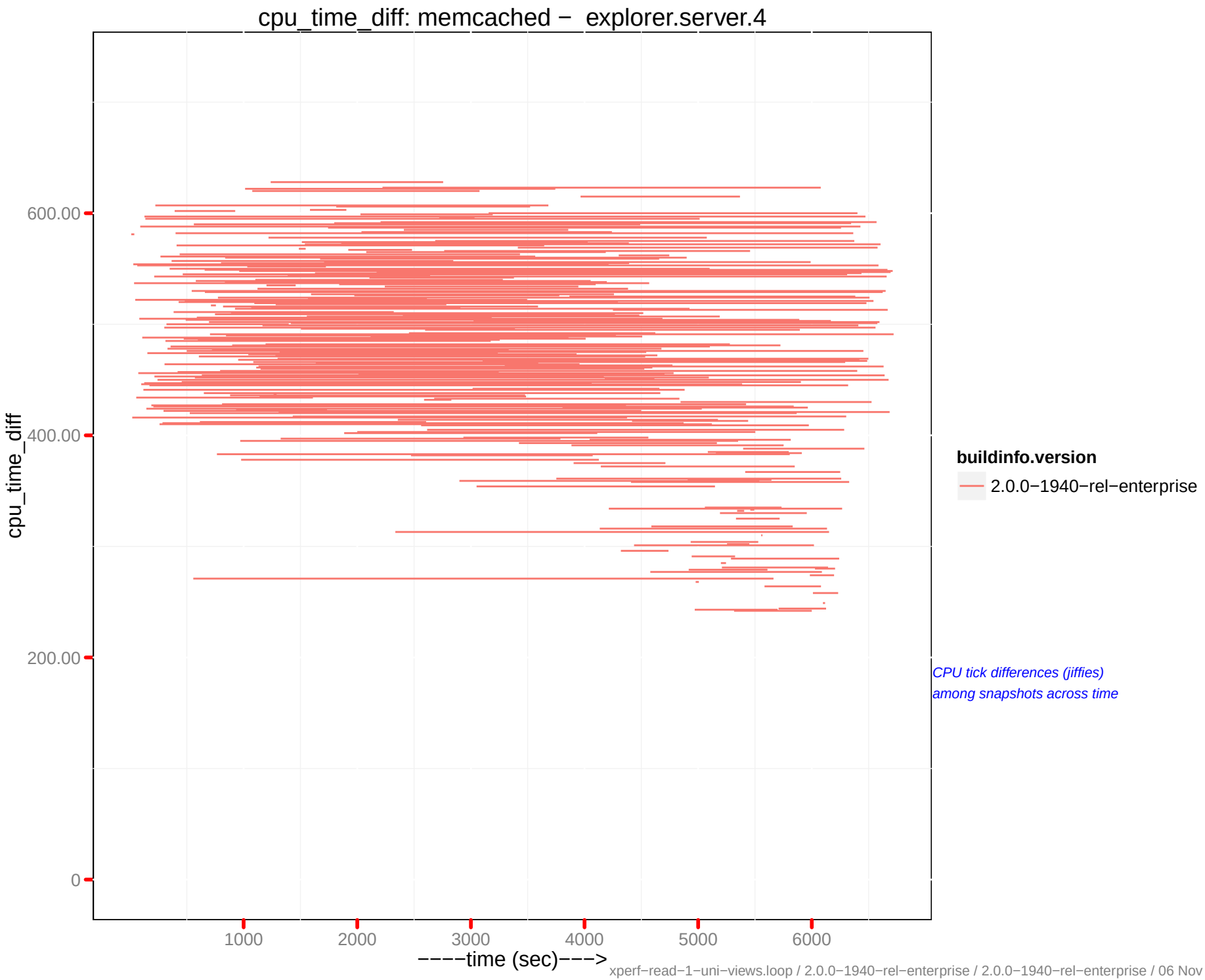

cpu_time_diff : beam.smp − explorer.server.1
cpu_time_diff
4.88K
3.91K
2.93K
1.95K
1000.00
0
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

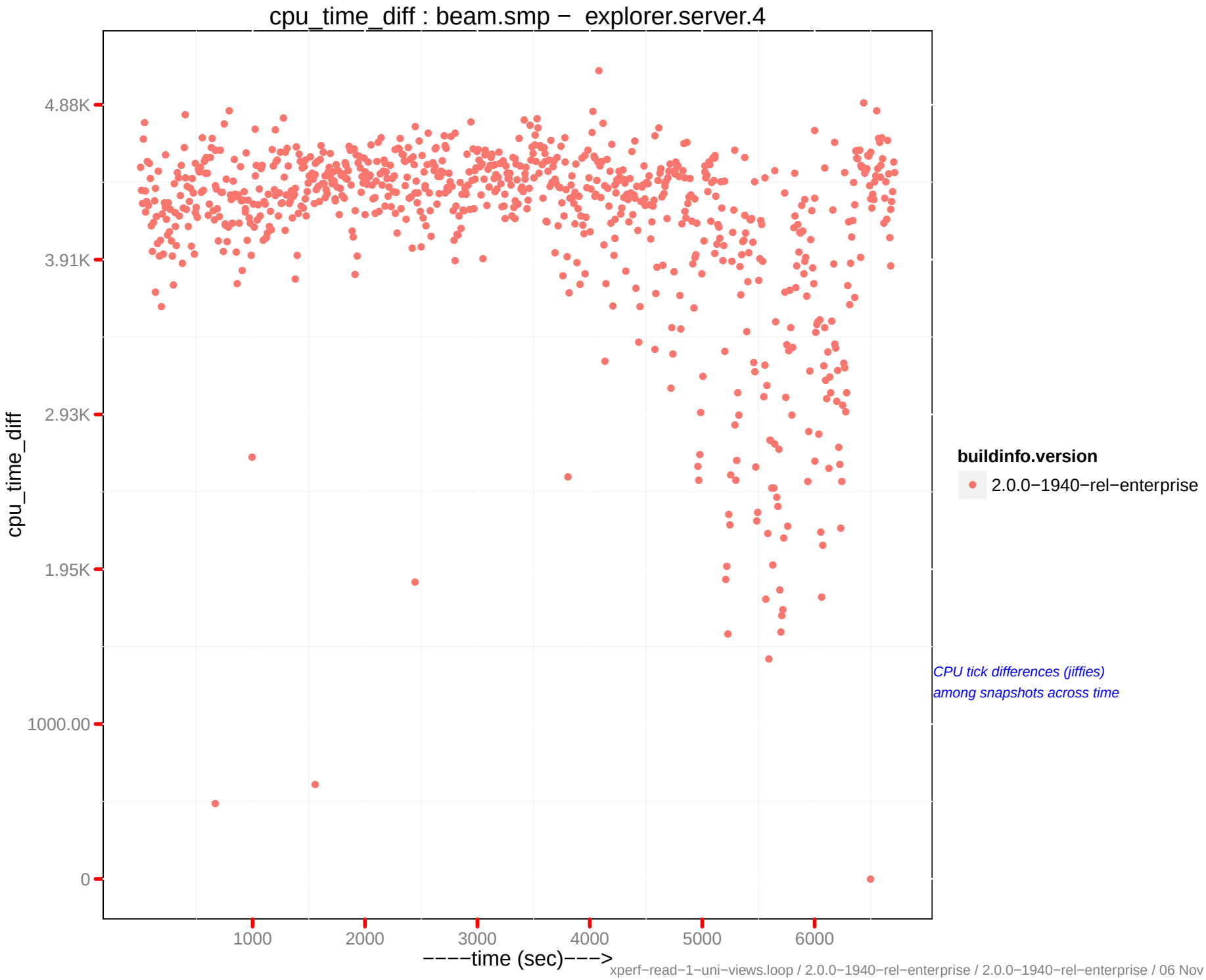

cpu_time_diff: memcached − _explorer.server.2
600.00
400.00
200.00
0
cpu_time_diff
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

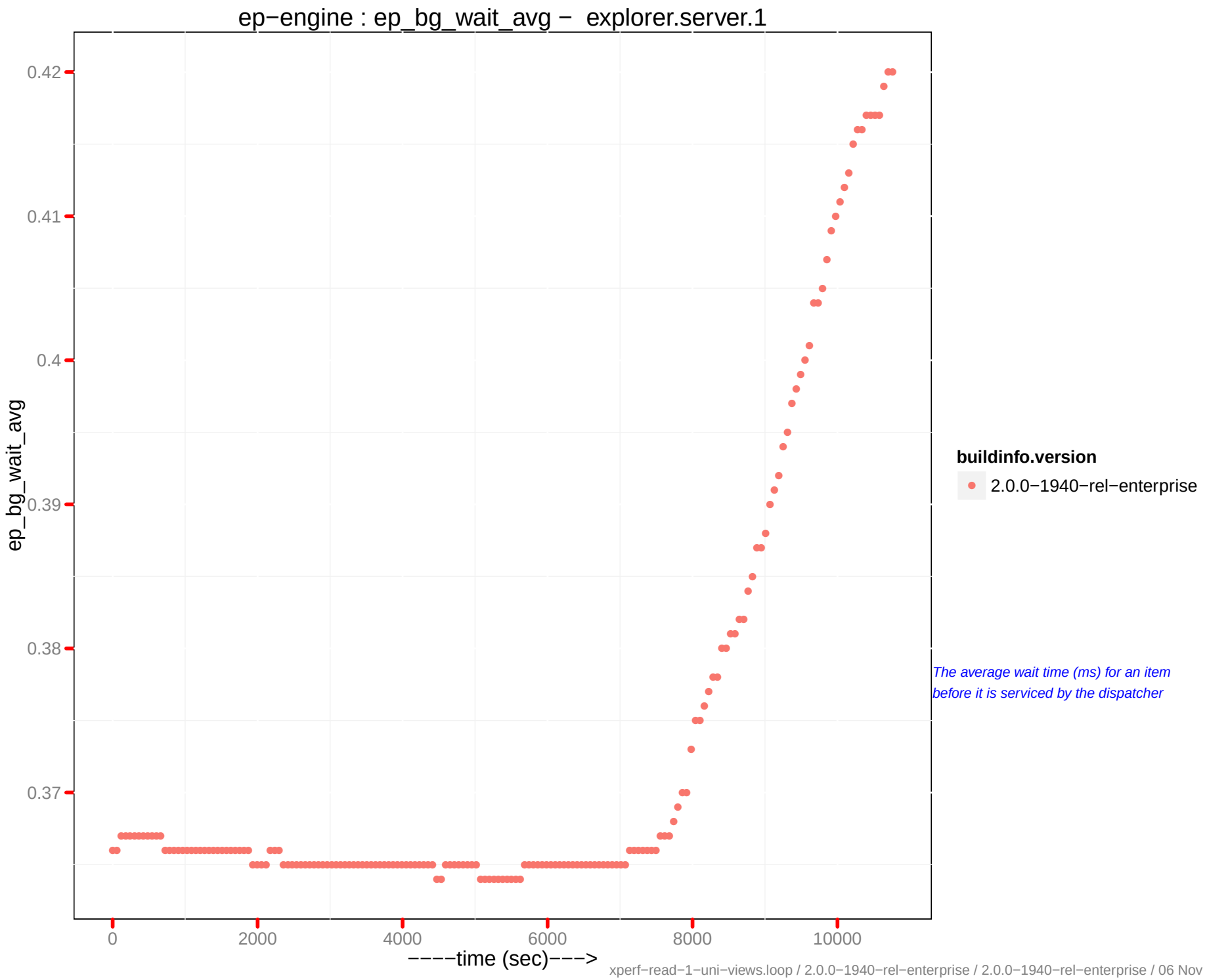

cpu_time_diff : beam.smp − explorer.server.2
cpu_time_diff
4.88K
3.91K
2.93K
1.95K
1000.00
0
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

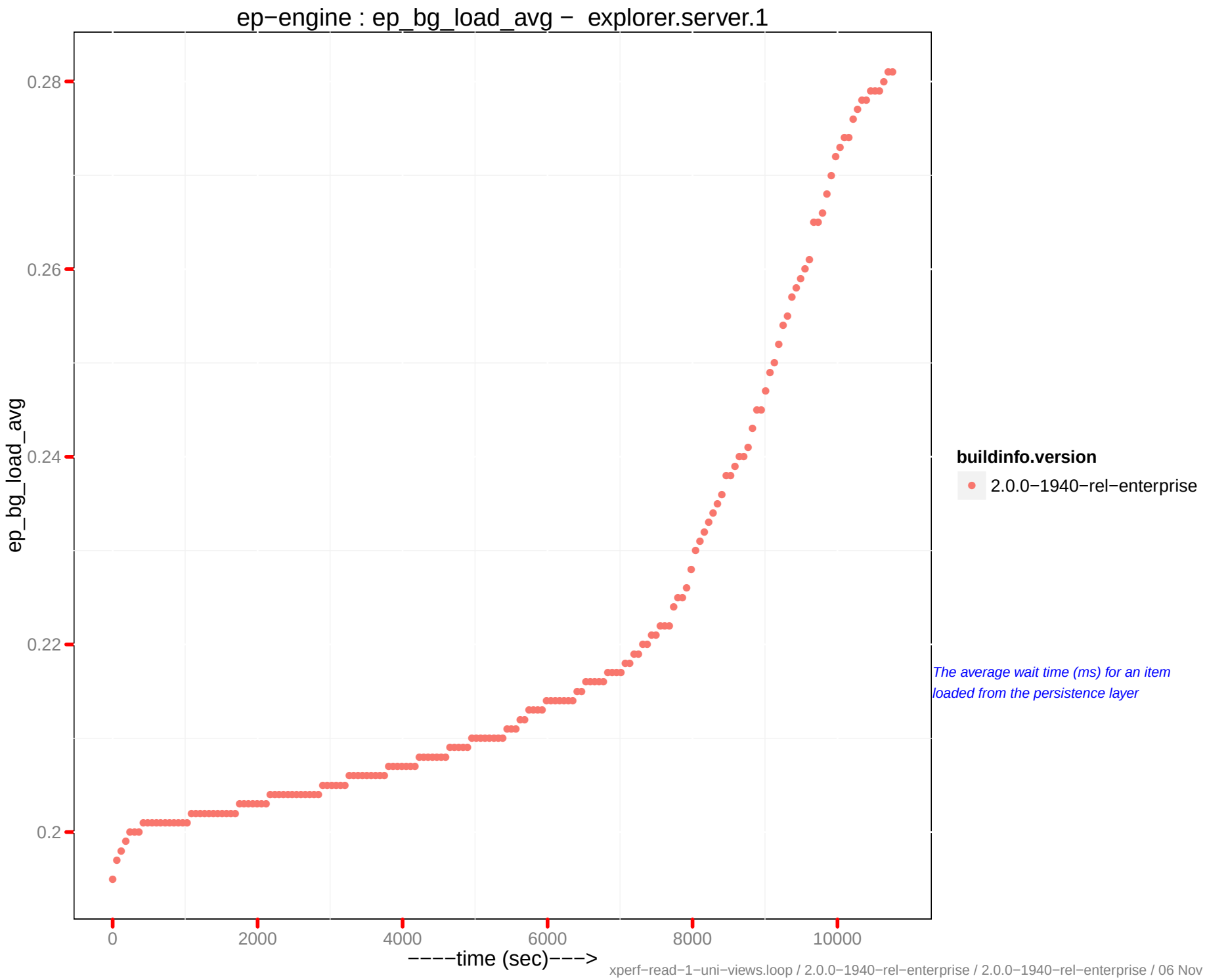

cpu_time_diff: memcached − _explorer.server.3
cpu_time_diff
600.00
500.00
400.00
300.00
200.00
100.00
0
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

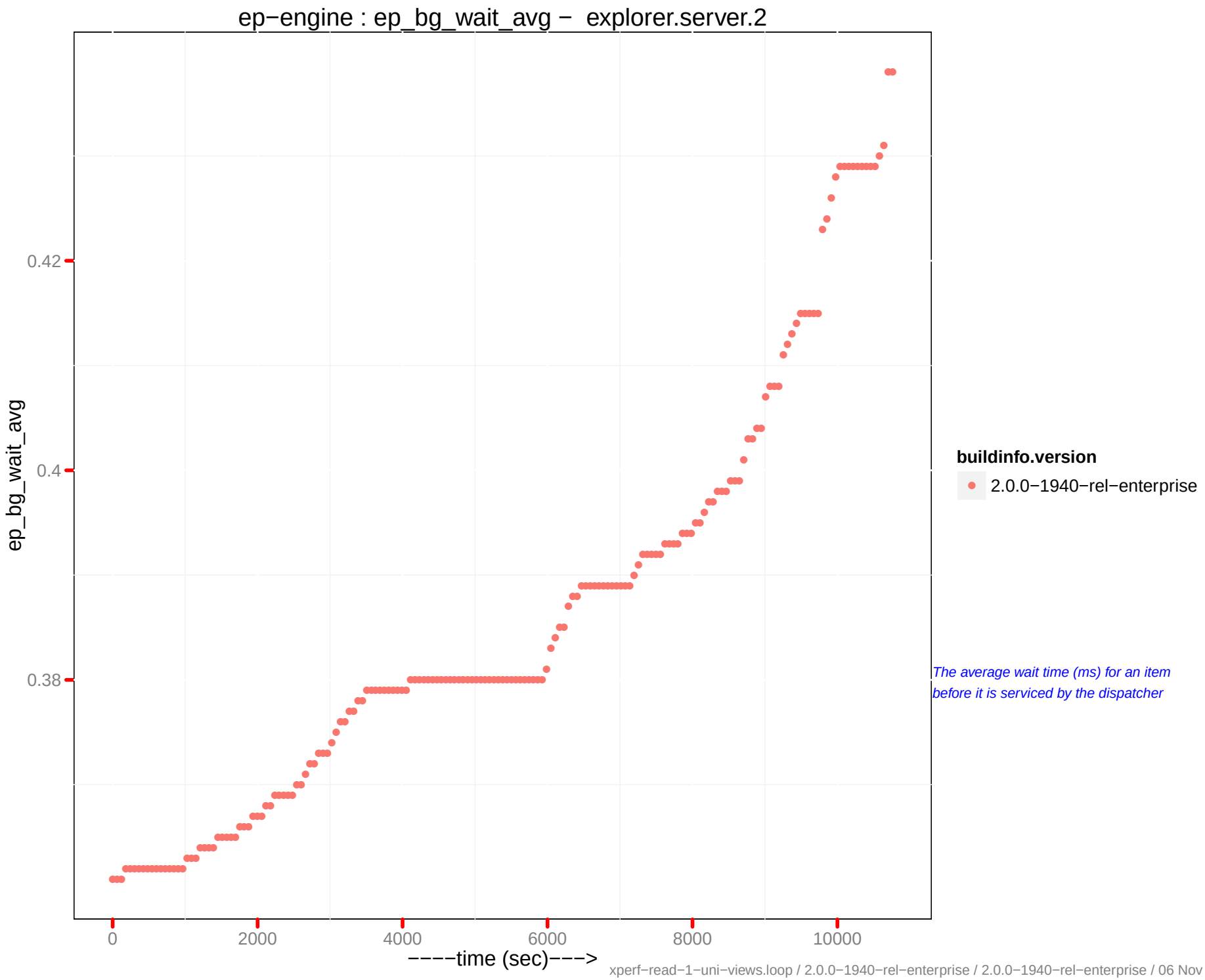

cpu_time_diff : beam.smp − explorer.server.3
cpu_time_diff
3.91K
2.93K
1.95K
1000.00
0
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

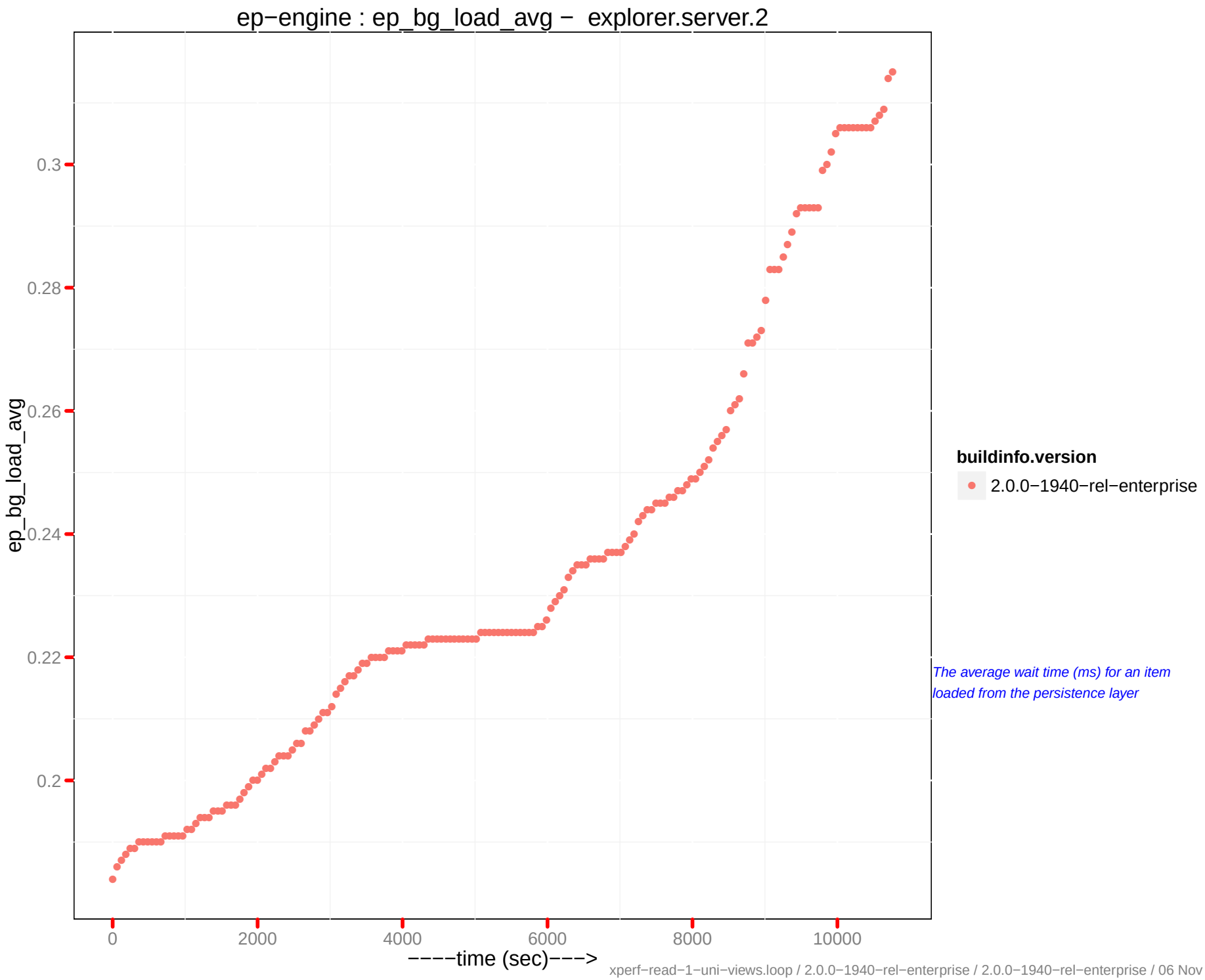

cpu_time_diff: memcached − _explorer.server.4
cpu_time_diff
600.00
400.00
200.00
0
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

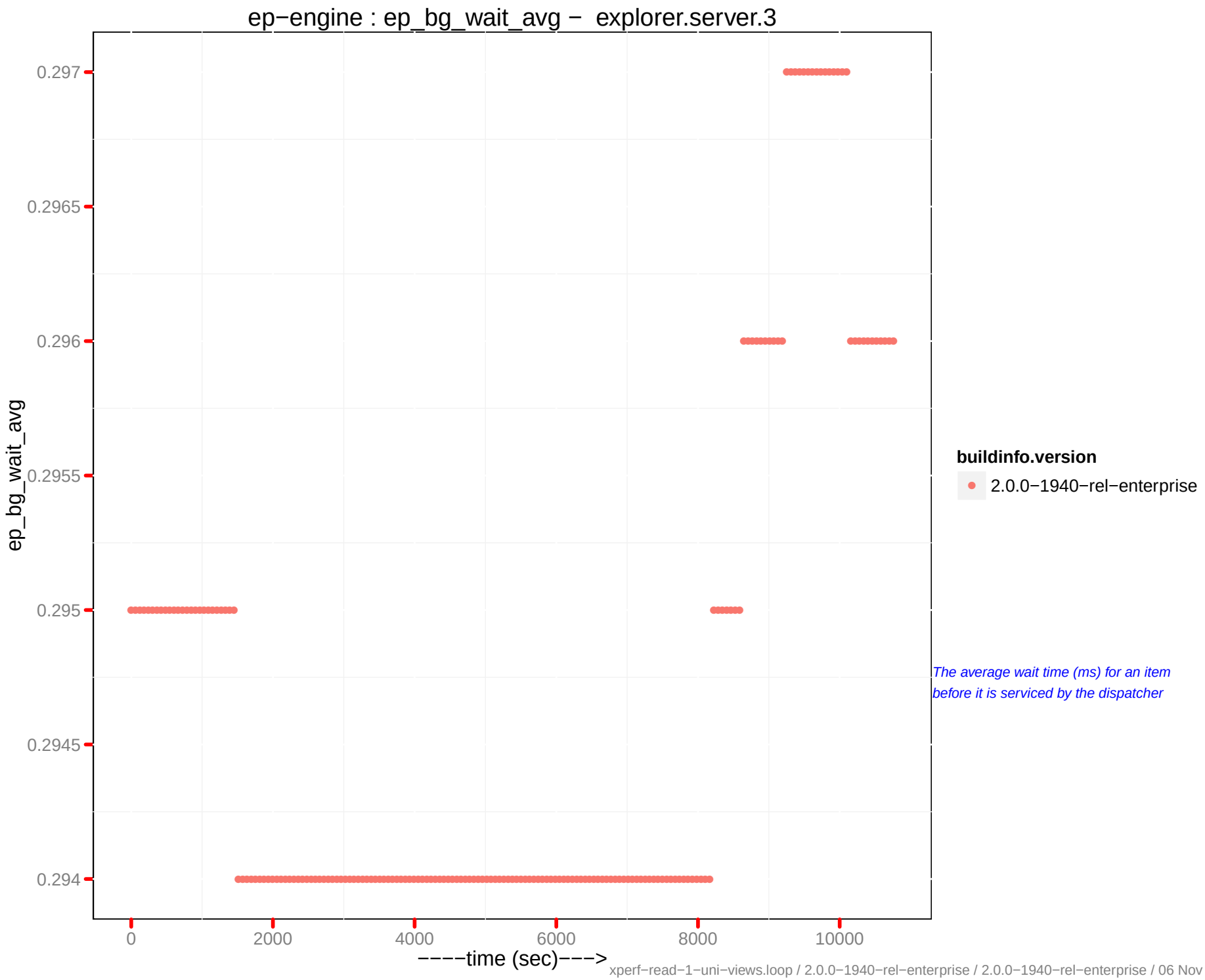

cpu_time_diff : beam.smp − explorer.server.4
4.88K
3.91K
2.93K
1.95K
1000.00
0
cpu_time_diff
1000
2000
3000
4000
5000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

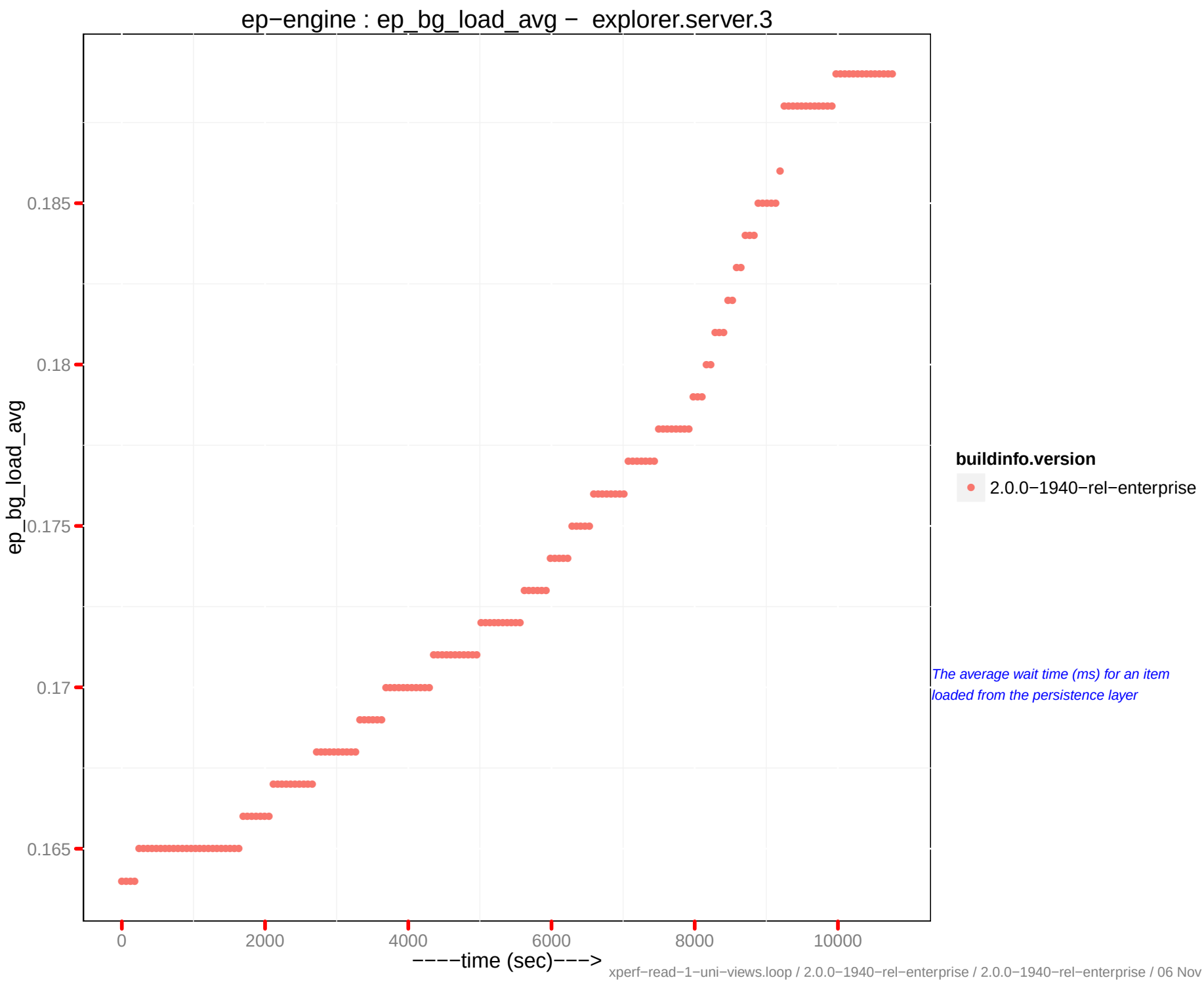

ep−engine : ep_bg_wait_avg − explorer.server.1
ep_bg_wait_avg
0.42
0.41
0.4
0.39
0.38
0.37
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

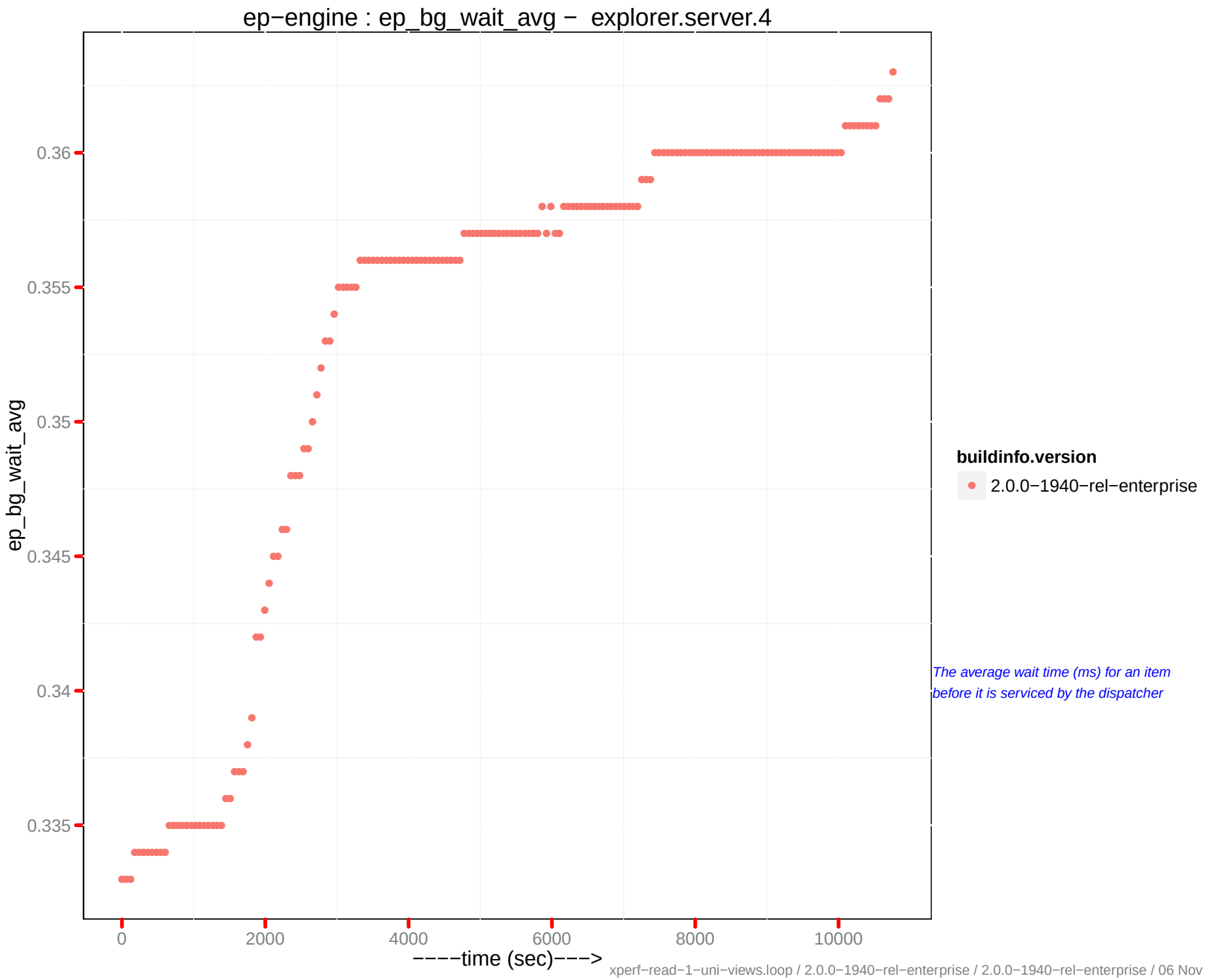

ep−engine : ep_bg_load_avg − explorer.server.1
ep_bg_load_avg
0.28
0.26
0.24
0.22
0.2
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

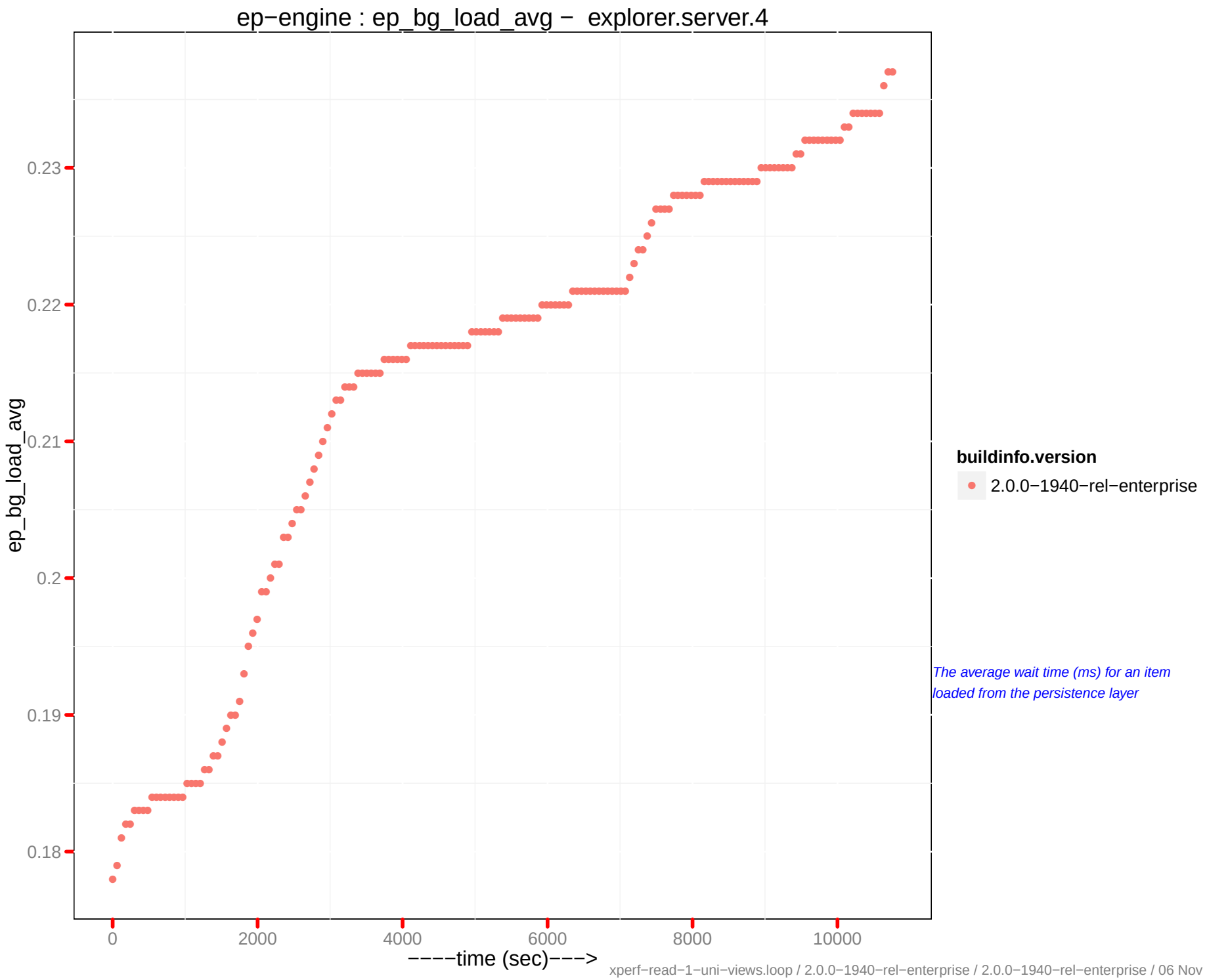

ep−engine : ep_bg_wait_avg − explorer.server.2
ep_bg_wait_avg
0.42
0.4
0.38
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

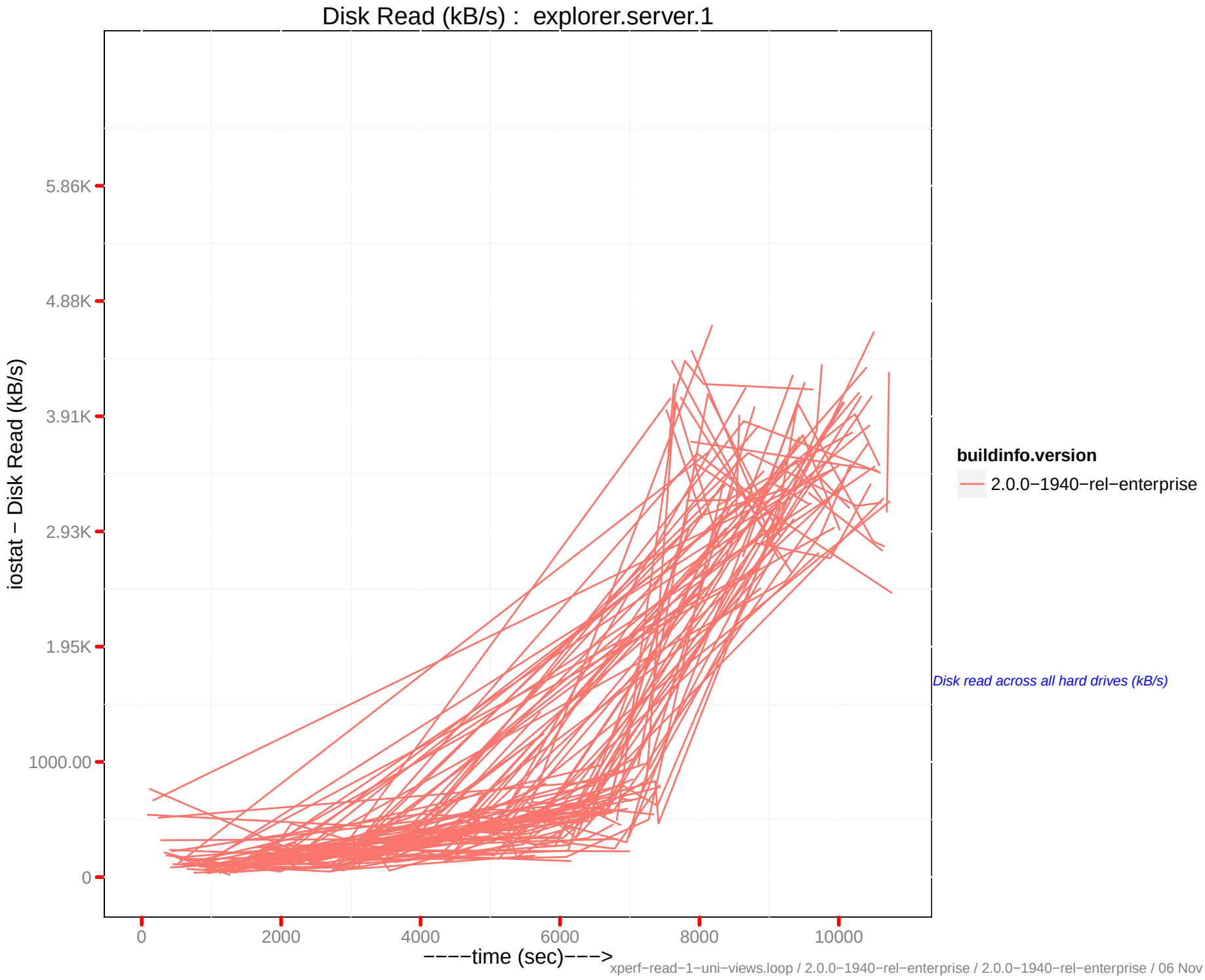

ep−engine : ep_bg_load_avg − explorer.server.2
ep_bg_load_avg
0.3
0.28
0.26
0.24
0.22
0.2
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

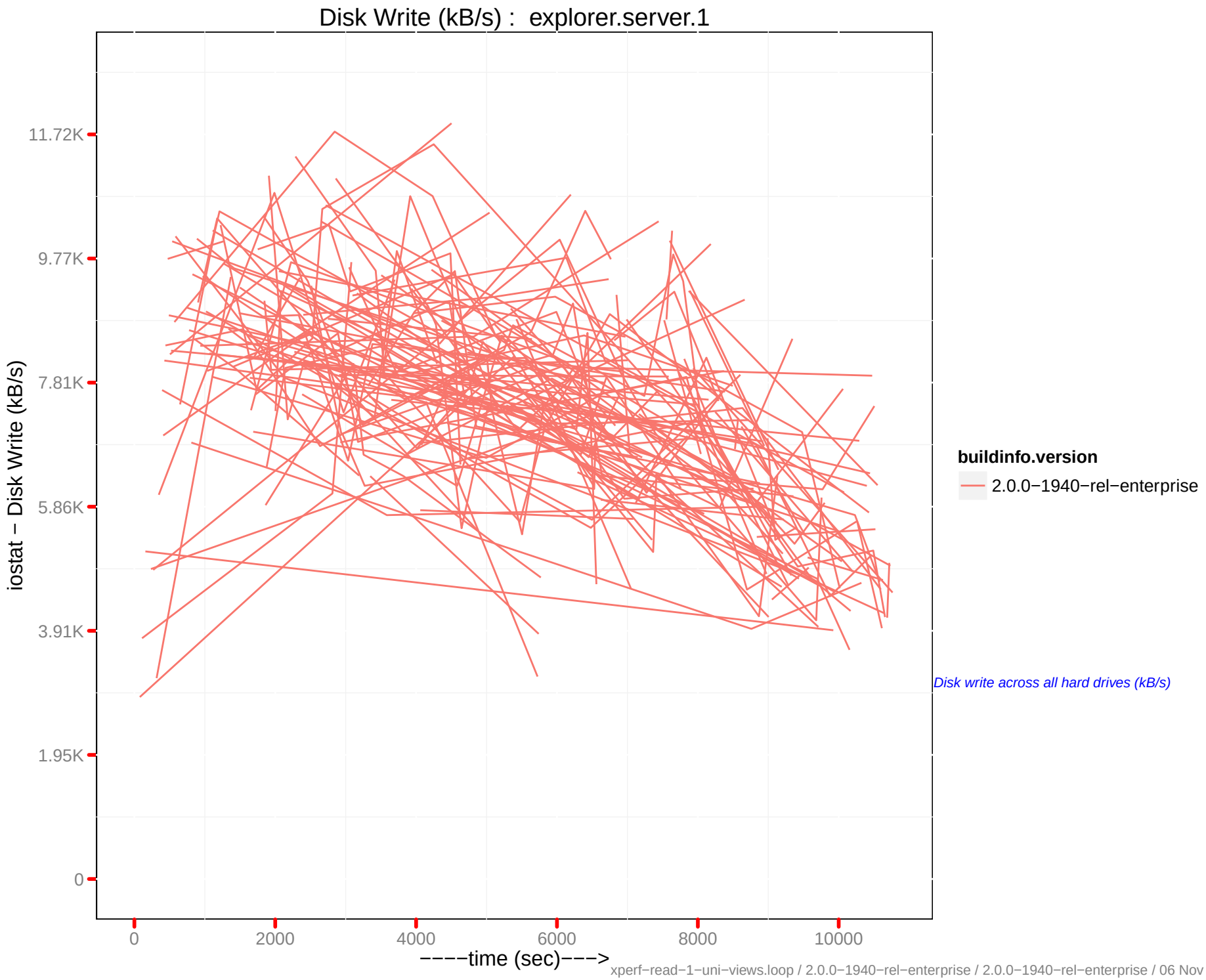

ep−engine : ep_bg_wait_avg − explorer.server.3
ep_bg_wait_avg
0.297
0.2965
0.296
0.2955
0.295
0.2945
0.294
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

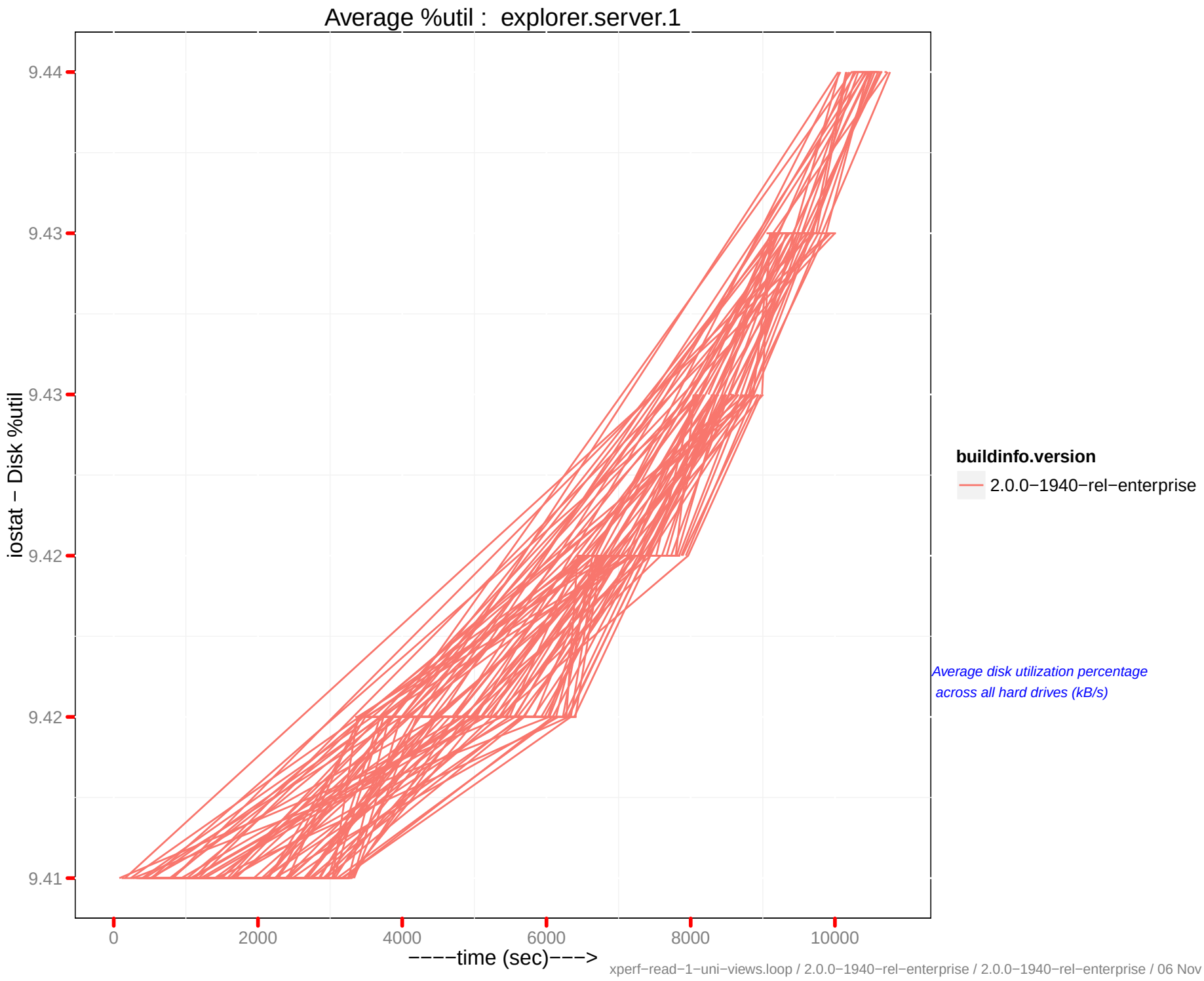

ep−engine : ep_bg_load_avg − explorer.server.3
ep_bg_load_avg
0.185
0.18
0.175
0.17
0.165
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

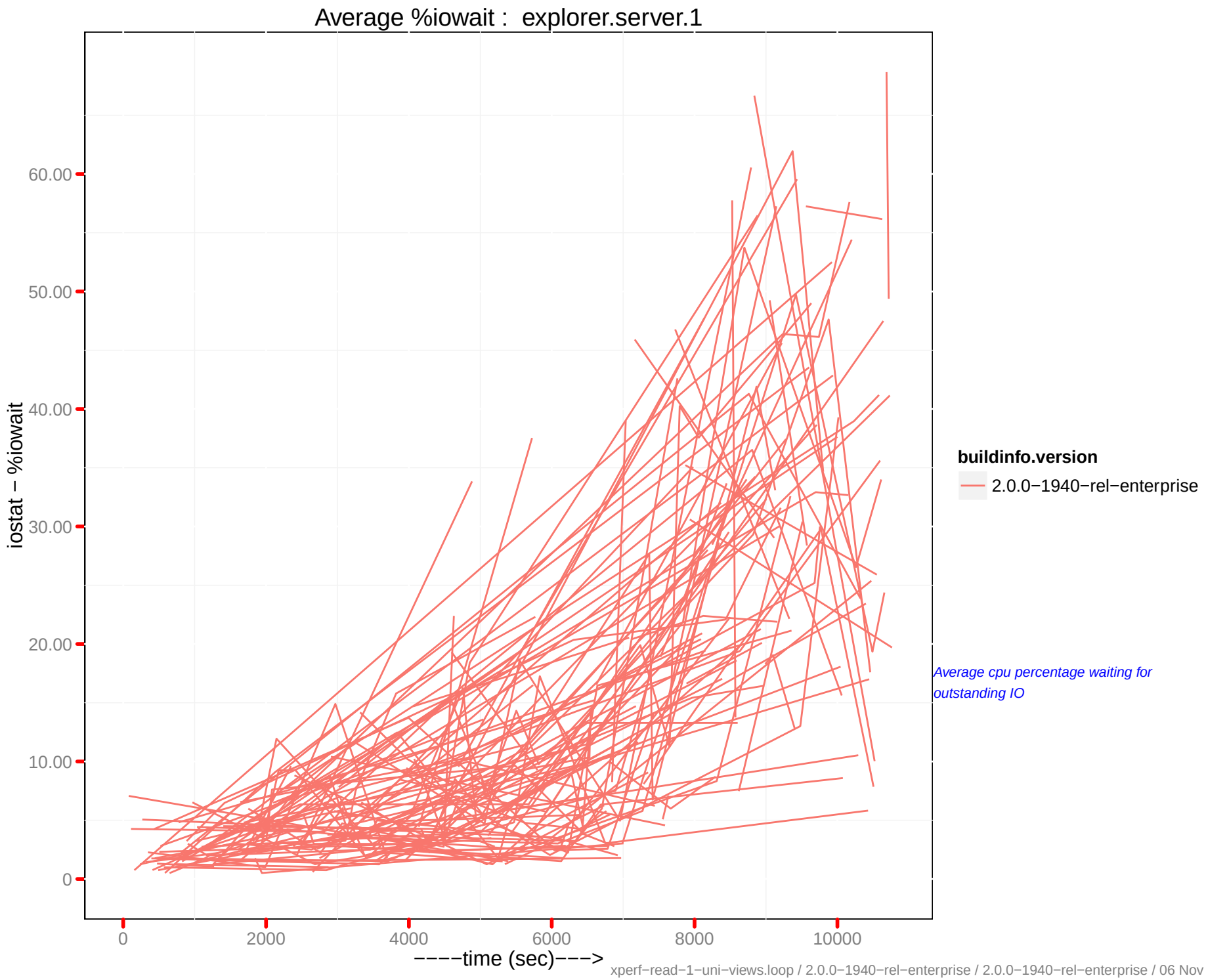

ep−engine : ep_bg_wait_avg − explorer.server.4
ep_bg_wait_avg
0.36
0.355
0.35
0.345
0.34
0.335
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

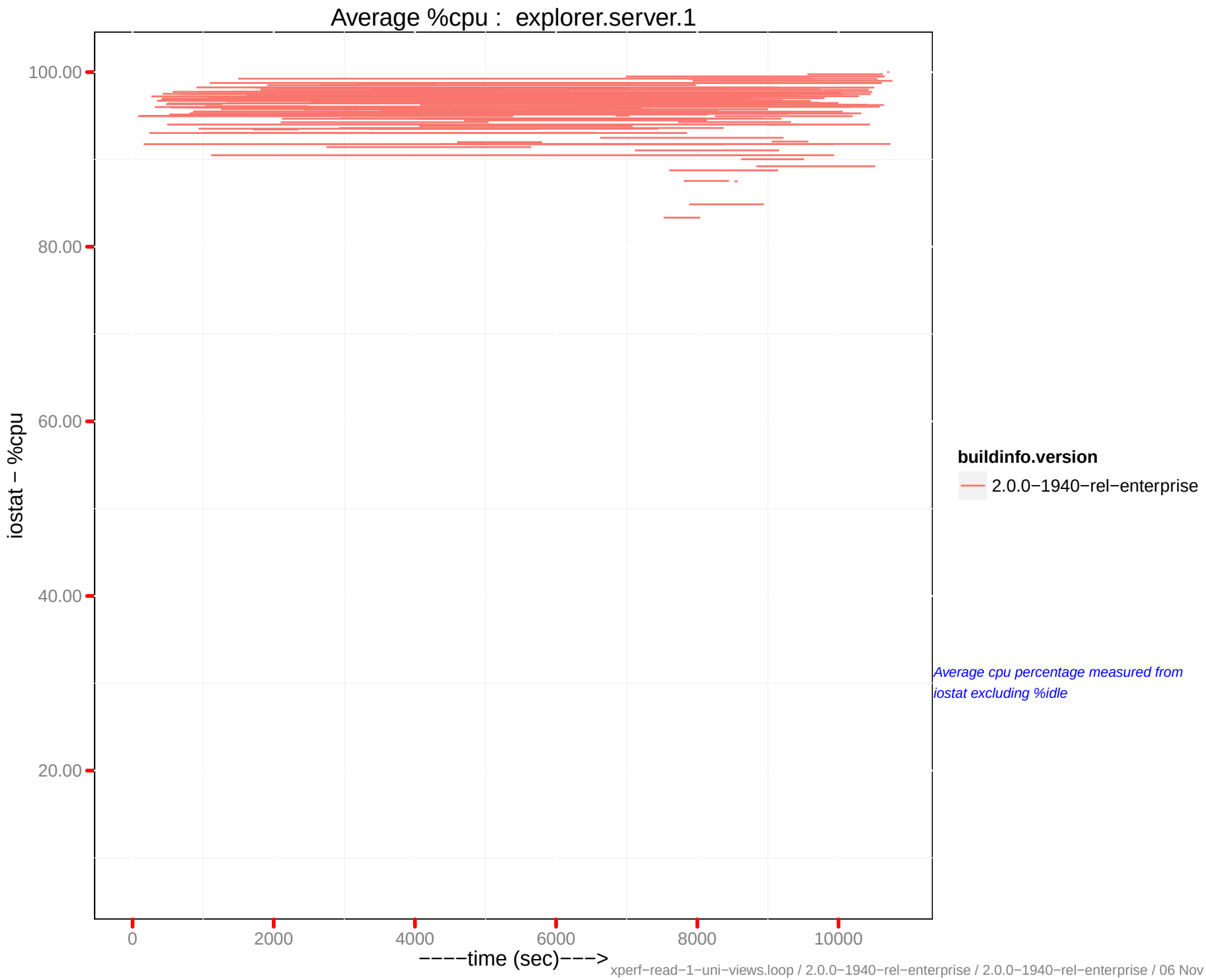

ep−engine : ep_bg_load_avg − explorer.server.4
ep_bg_load_avg
0.23
0.22
0.21
0.2
0.19
0.18
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

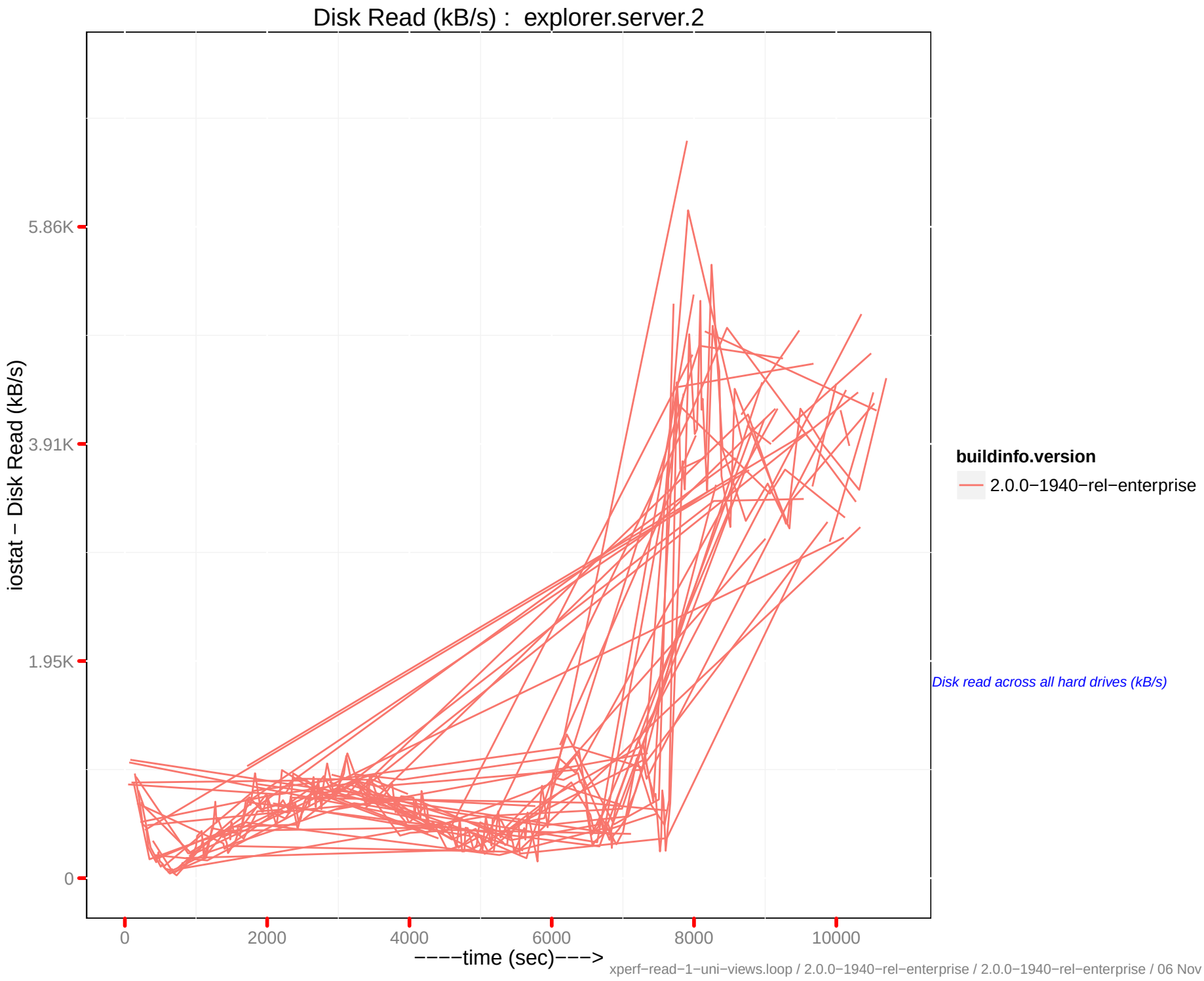

Disk Read (kB/s) : explorer.server.1
iostat – Disk Read (kB/s)
5.86K
4.88K
3.91K
2.93K
1.95K
1000.00
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk read across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

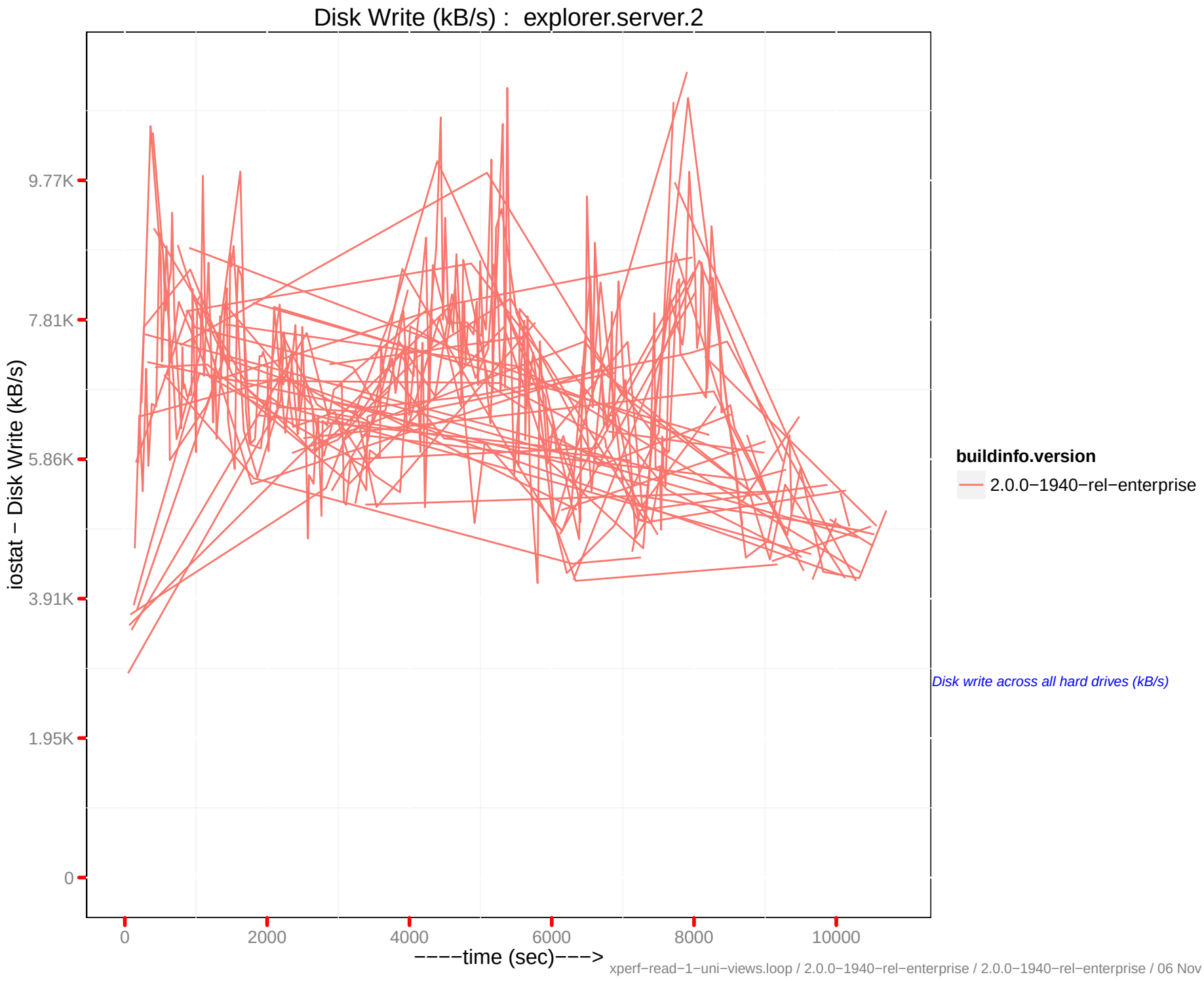

Disk Write (kB/s) : explorer.server.1
11.72K
9.77K
7.81K
5.86K
3.91K
1.95K
0
iostat – Disk Write (kB/s)
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk write across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

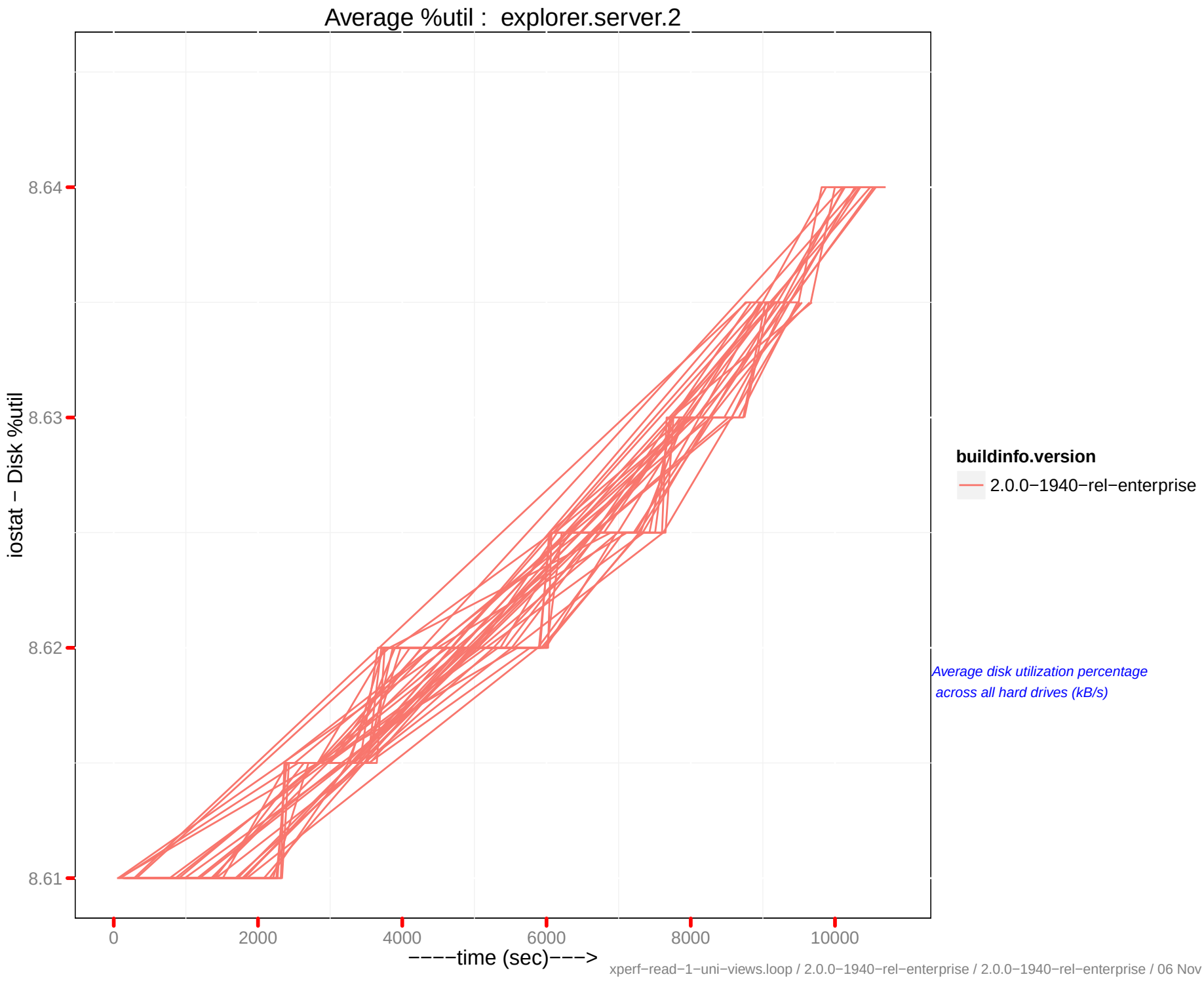

Average %util : explorer.server.1
9.44
9.43
9.43
9.42
9.42
9.41
iostat − Disk %util
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Average disk utilization percentage
across all hard drives (kB/s)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

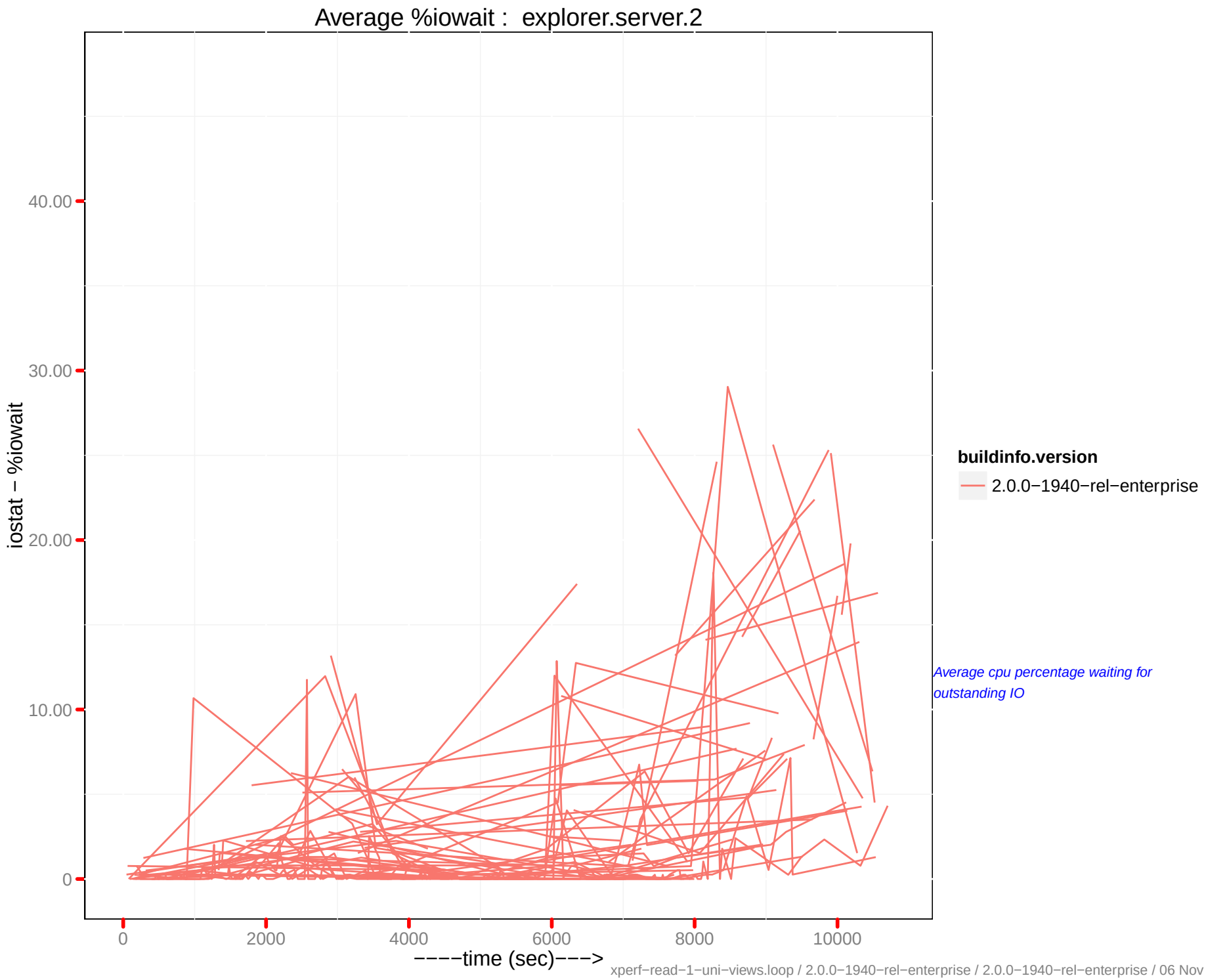

Average %iowait : explorer.server.1
iostat – %iowait
60.00
50.00
40.00
30.00
20.00
10.00
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage waiting for outstanding IO
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

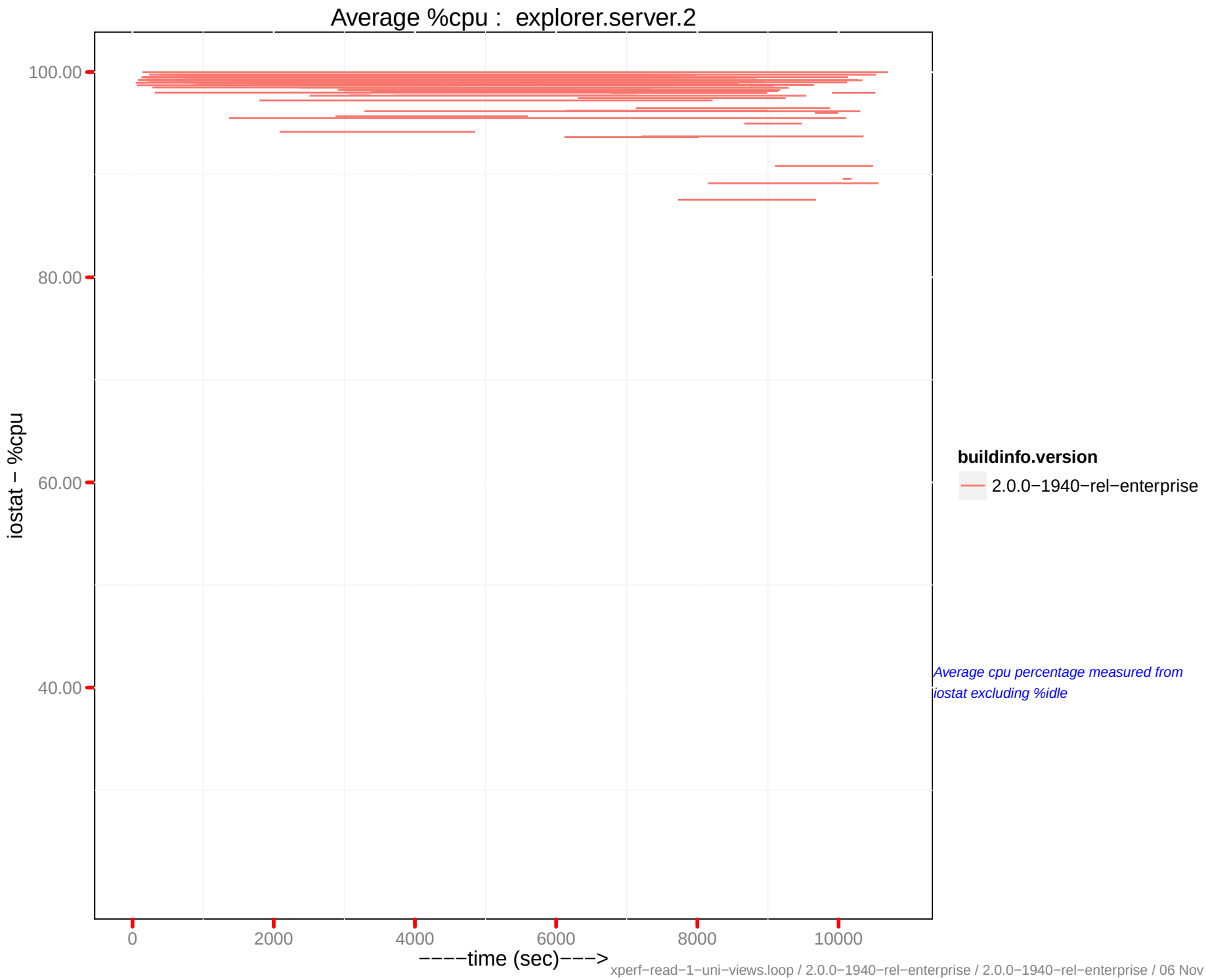

Average %cpu : explorer.server.1
100.00
80.00
60.00
40.00
20.00
iostat – %cpu
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage measured from
iostat excluding %idle
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

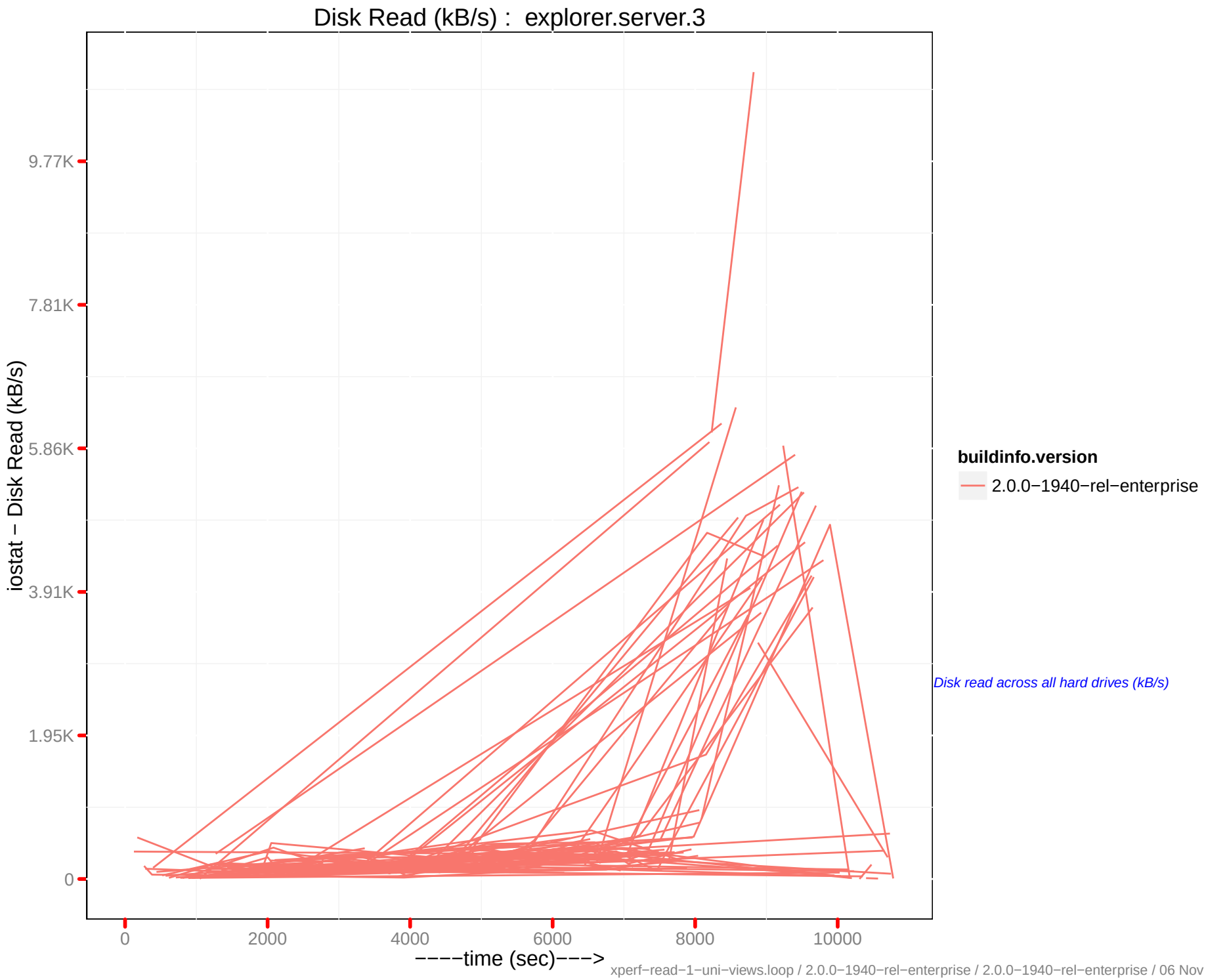

Disk Read (kB/s) : explorer.server.2
iostat – Disk Read (kB/s)
5.86K
3.91K
1.95K
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk read across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

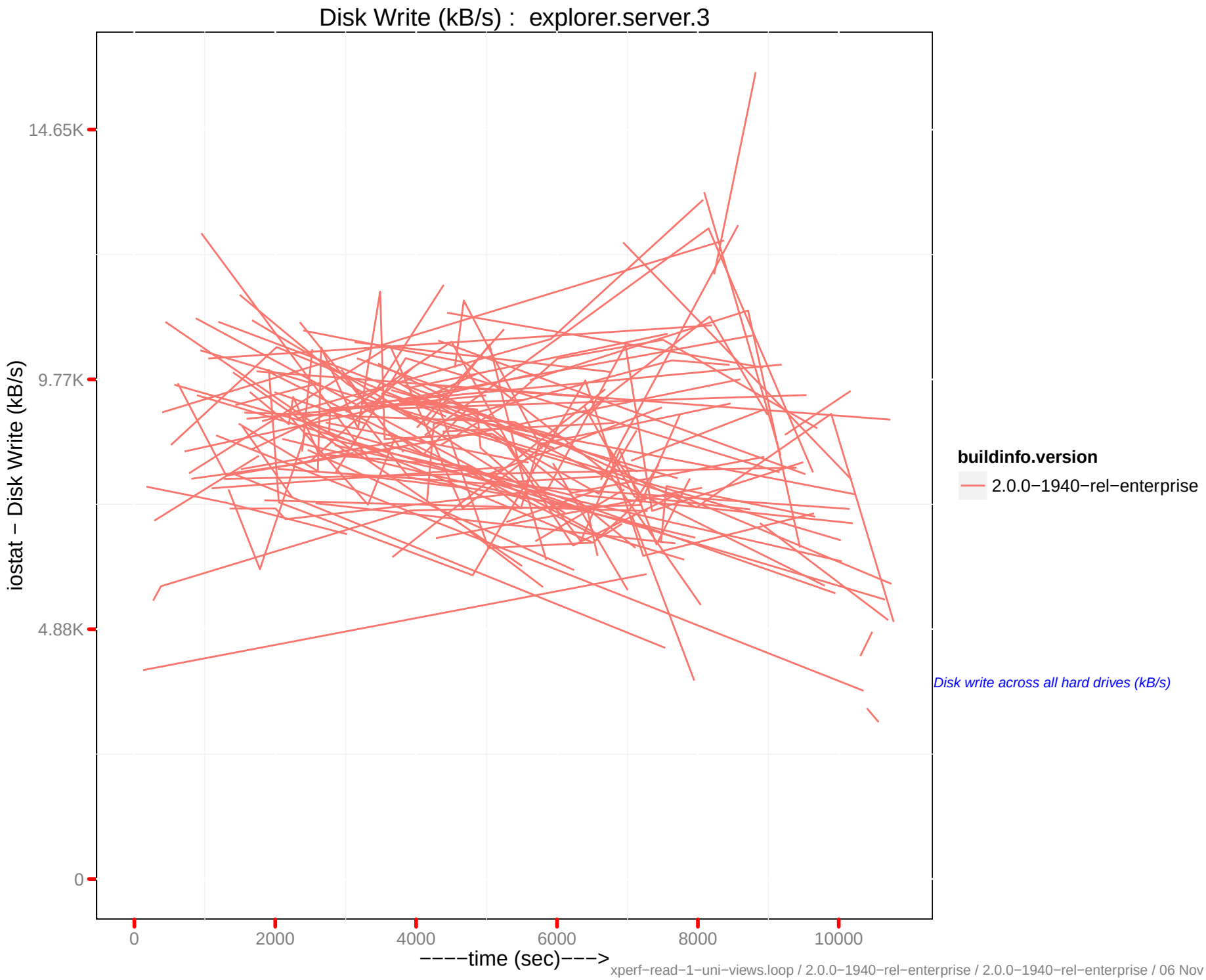

Disk Write (kB/s) : explorer.server.2
iostat – Disk Write (kB/s)
9.77K
7.81K
5.86K
3.91K
1.95K
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk write across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

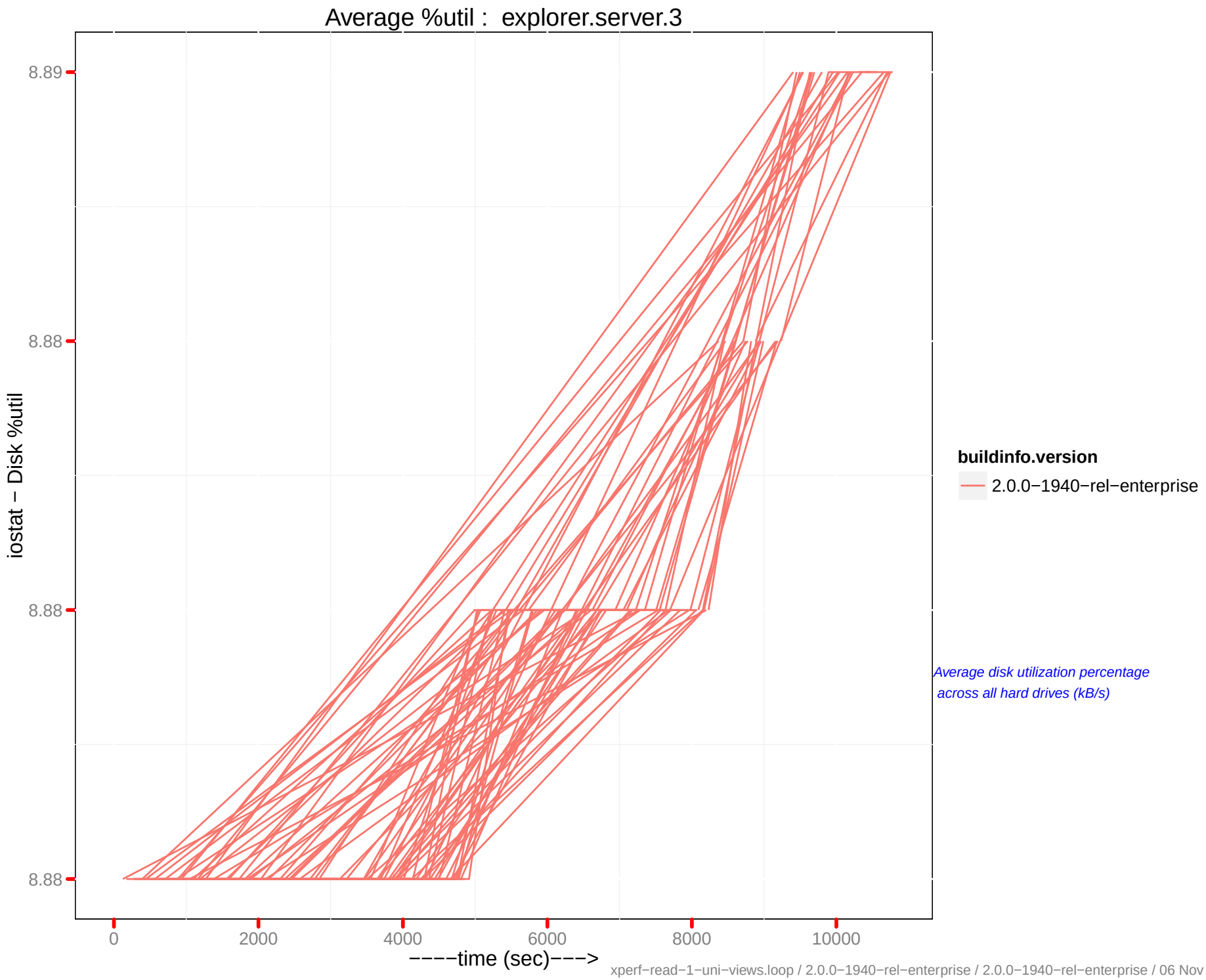

Average %util : explorer.server.2
iostat – Disk %util
8.64
8.63
8.62
8.61
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average disk utilization percentage
across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

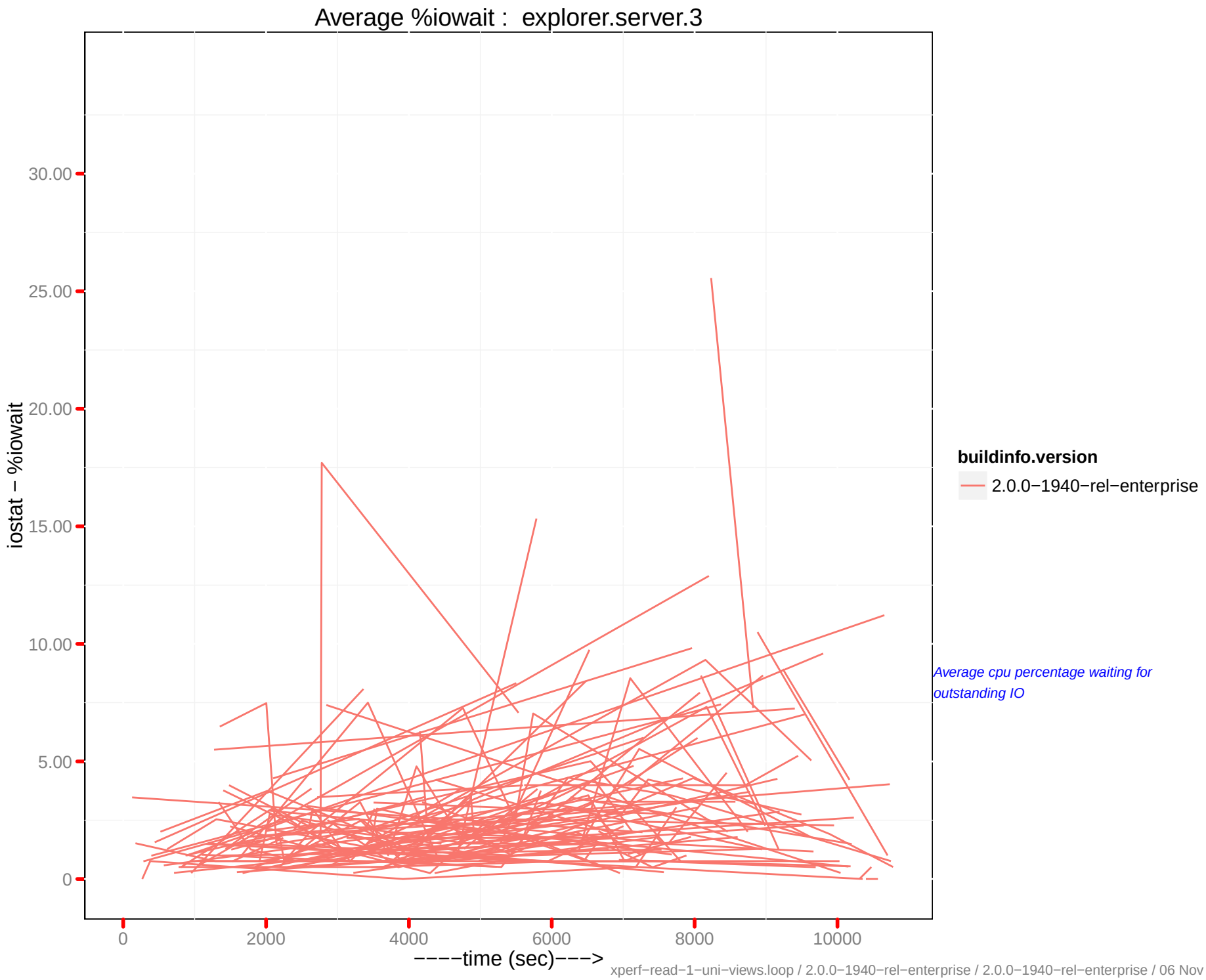

Average %iowait : explorer.server.2
40.00
30.00
20.00
10.00
0
iostat – %iowait
0
2000
4000
6000
8000
10000
––––time (sec)–––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage waiting for outstanding IO
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

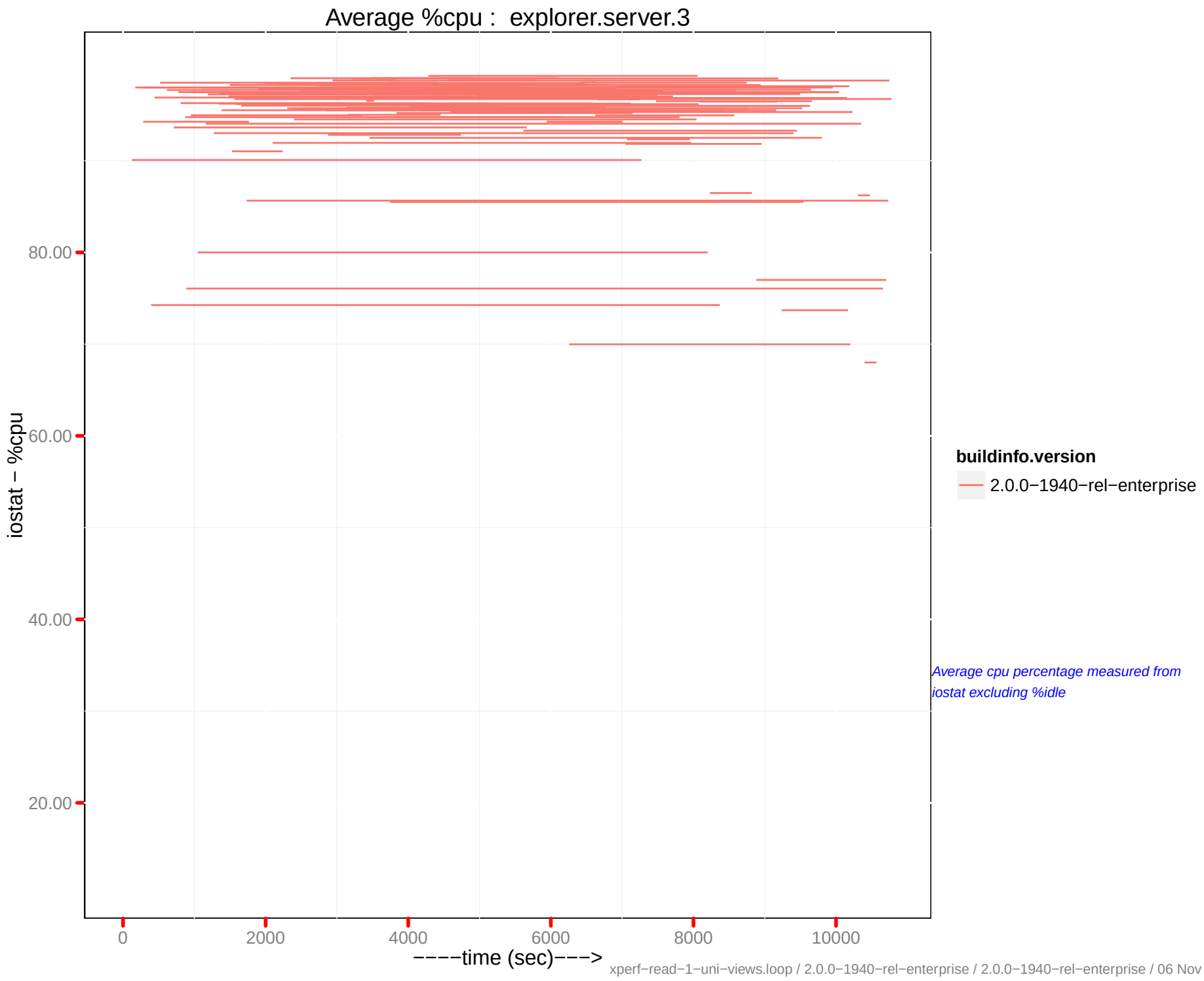

Average %cpu : explorer.server.2
100.00
80.00
60.00
40.00
iostat – %cpu
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage measured from
iostat excluding %idle
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

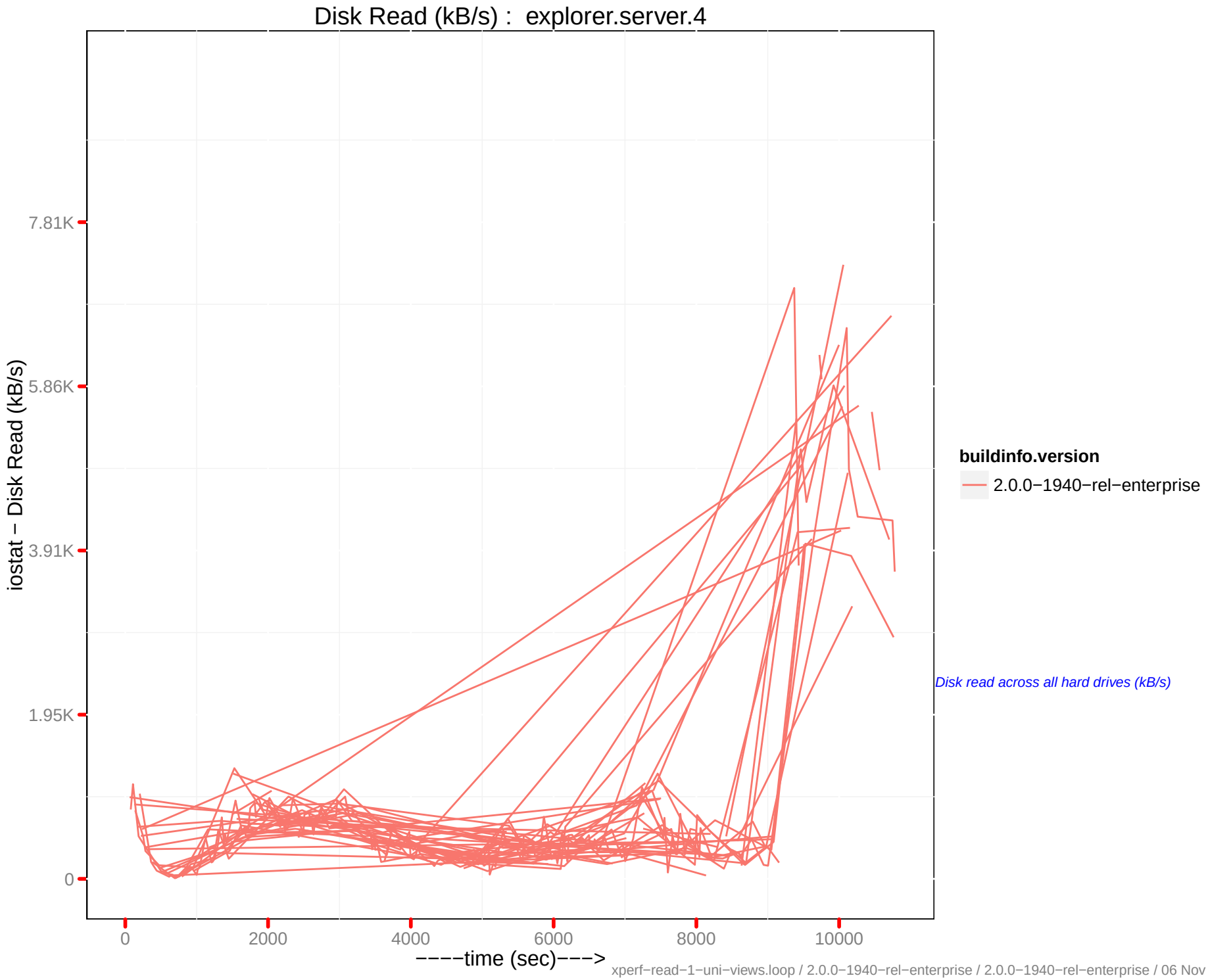

Disk Read (kB/s) : explorer.server.3
9.77K
7.81K
5.86K
3.91K
1.95K
0
iostat – Disk Read (kB/s)
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0−1940−rel−enterprise
Disk read across all hard drives (kB/s)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

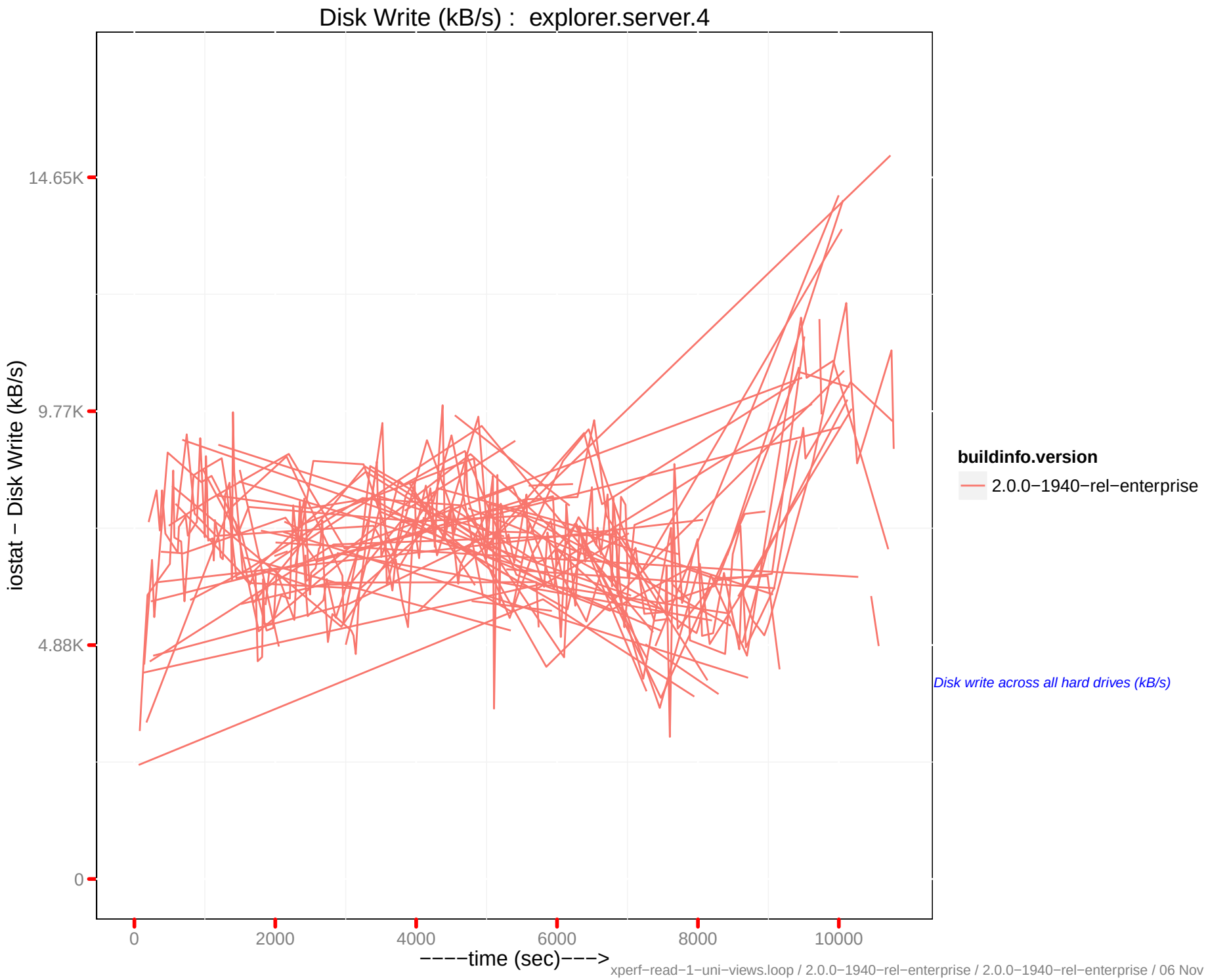

Disk Write (kB/s) : explorer.server.3
14.65K
9.77K
4.88K
0
iostat – Disk Write (kB/s)
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk write across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

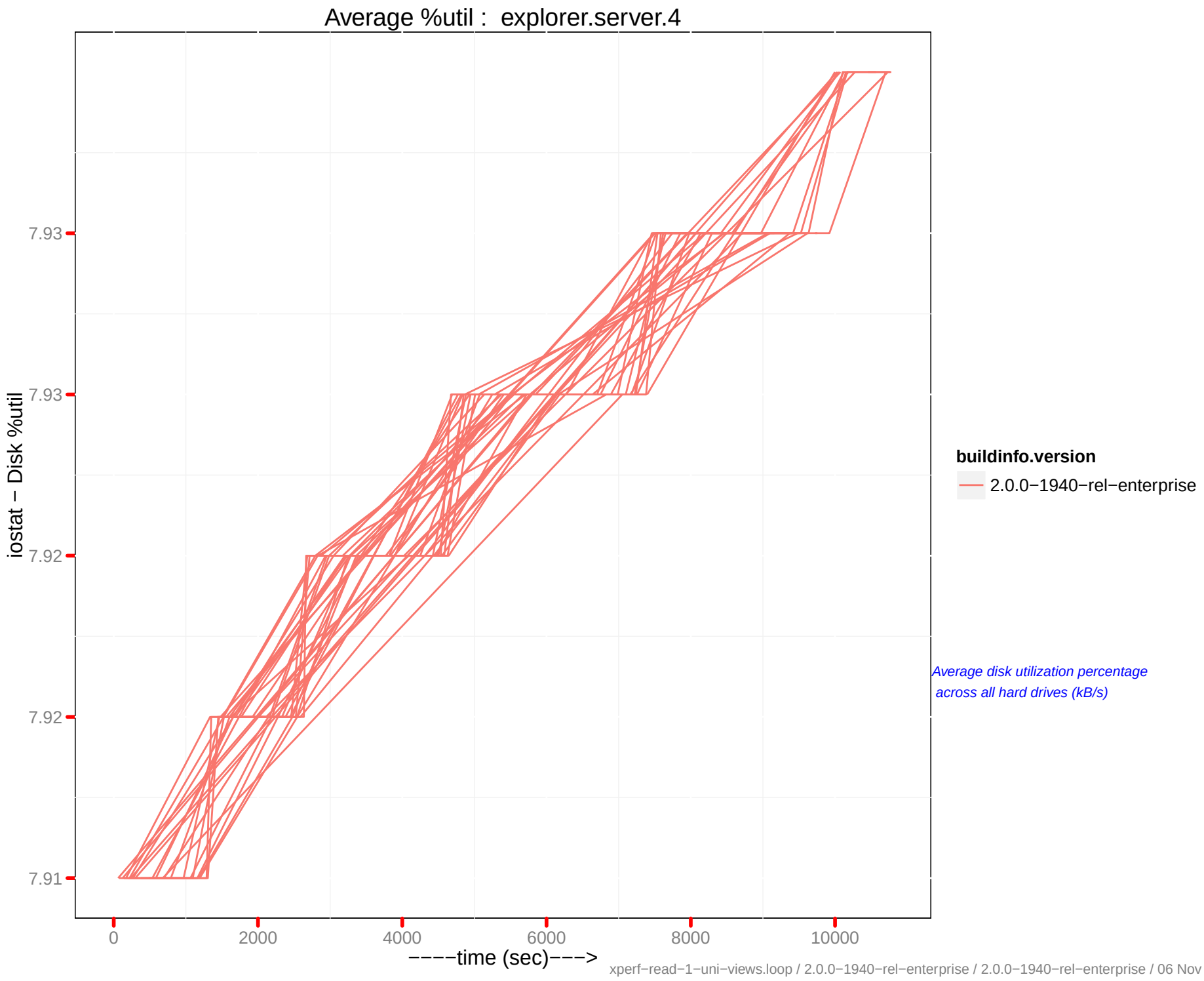

Average %util : explorer.server.3
8.89
8.88
8.88
8.88
iostat − Disk %util
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
Average disk utilization percentage
across all hard drives (kB/s)
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

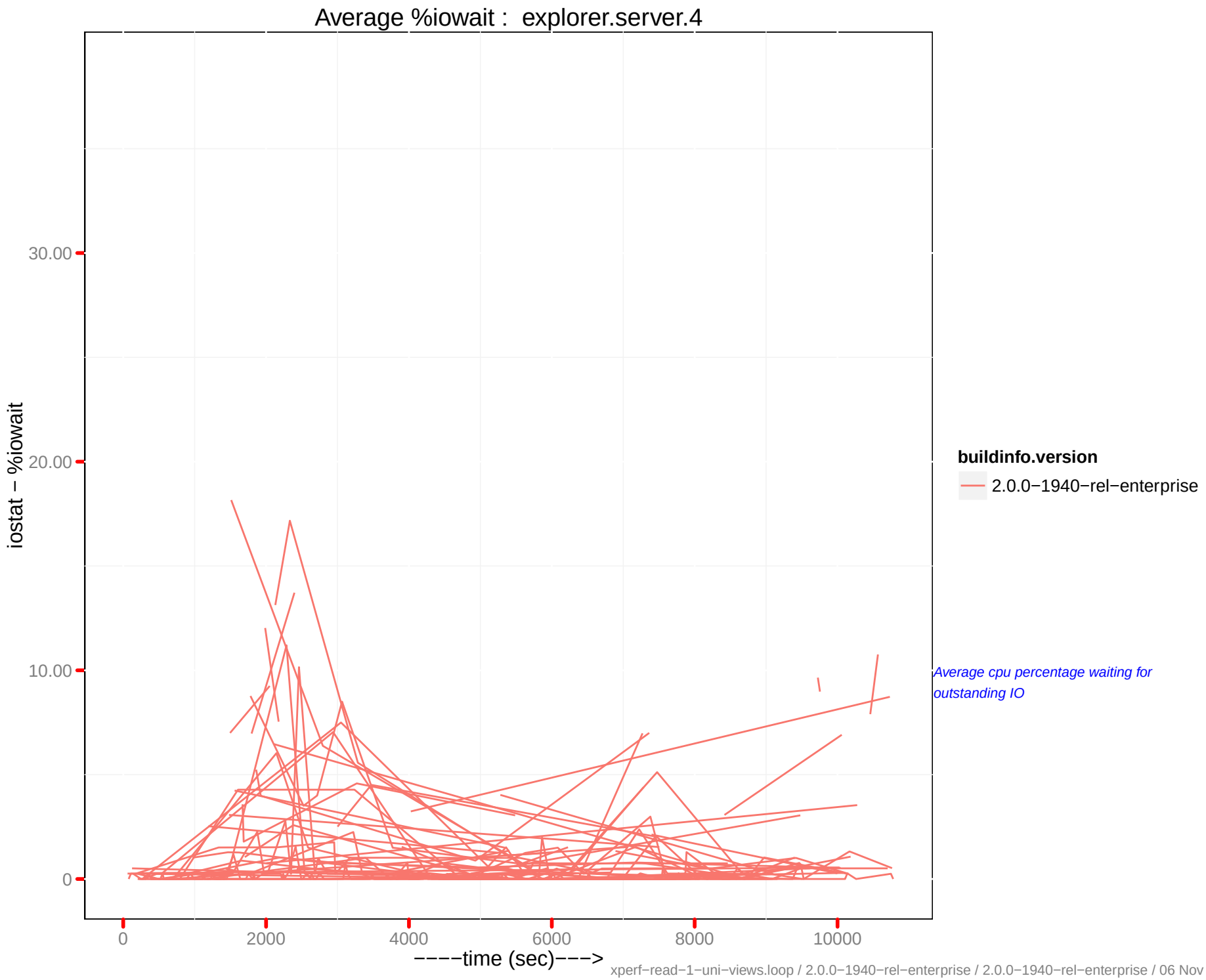

Average %iowait : explorer.server.3
iostat – %iowait
30.00
25.00
20.00
15.00
10.00
5.00
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage waiting for outstanding IO
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

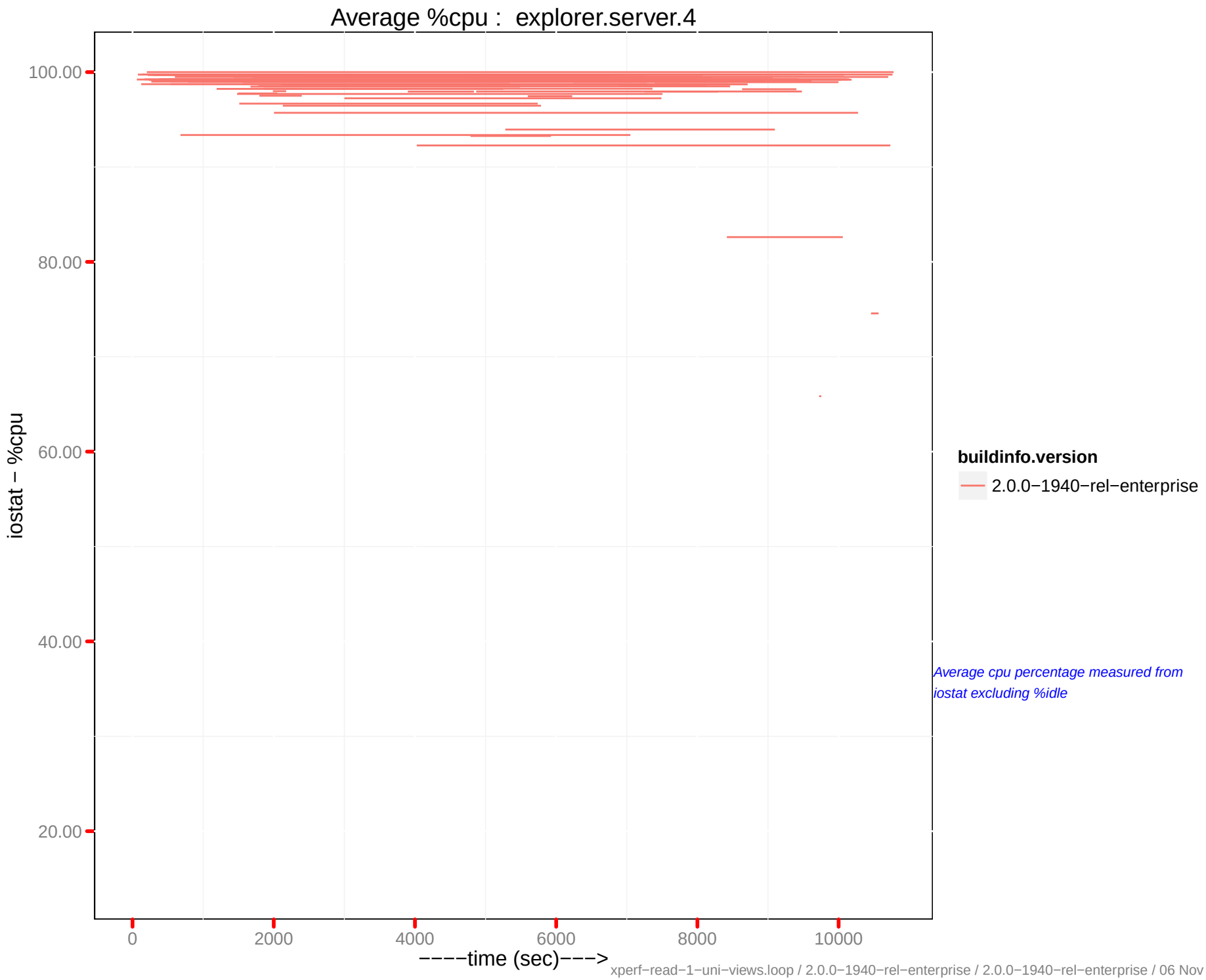

Average %cpu : explorer.server.3
iostat – %cpu
80.00
60.00
40.00
20.00
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage measured from iostat excluding %idle
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

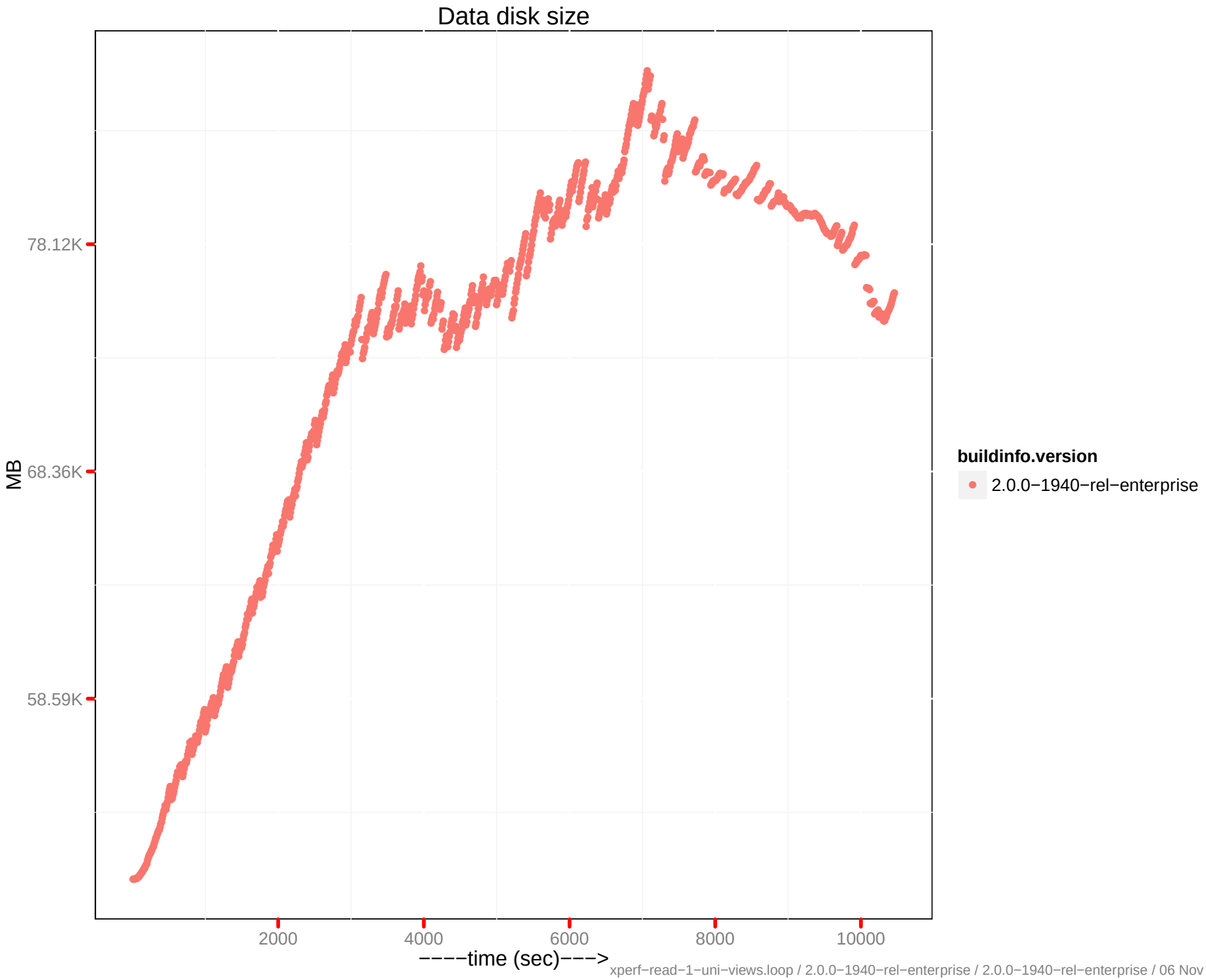

Disk Read (kB/s) : explorer.server.4
iostat – Disk Read (kB/s)
7.81K
5.86K
3.91K
1.95K
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk read across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

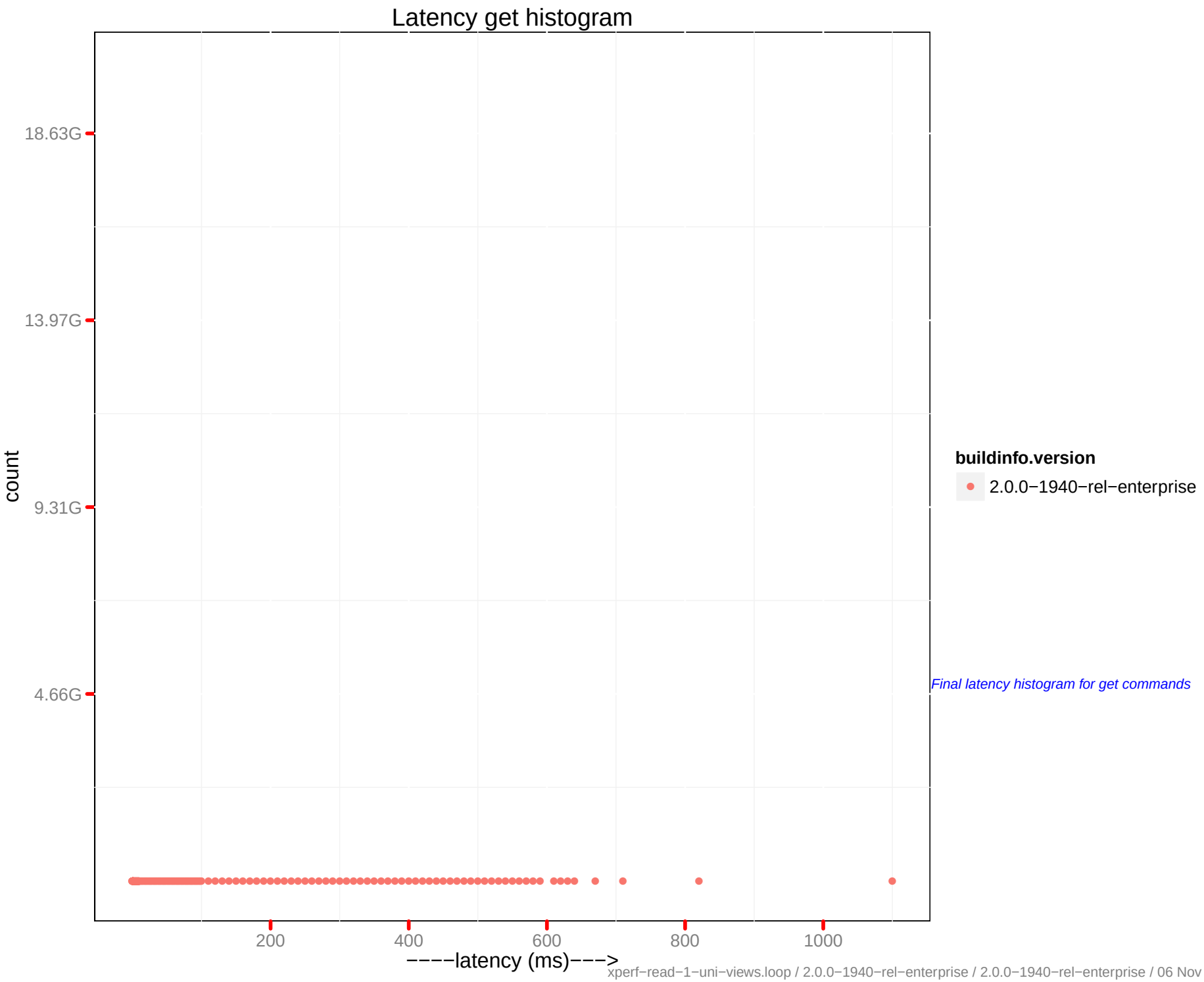

Disk Write (kB/s) : explorer.server.4
iostat – Disk Write (kB/s)
14.65K
9.77K
4.88K
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Disk write across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

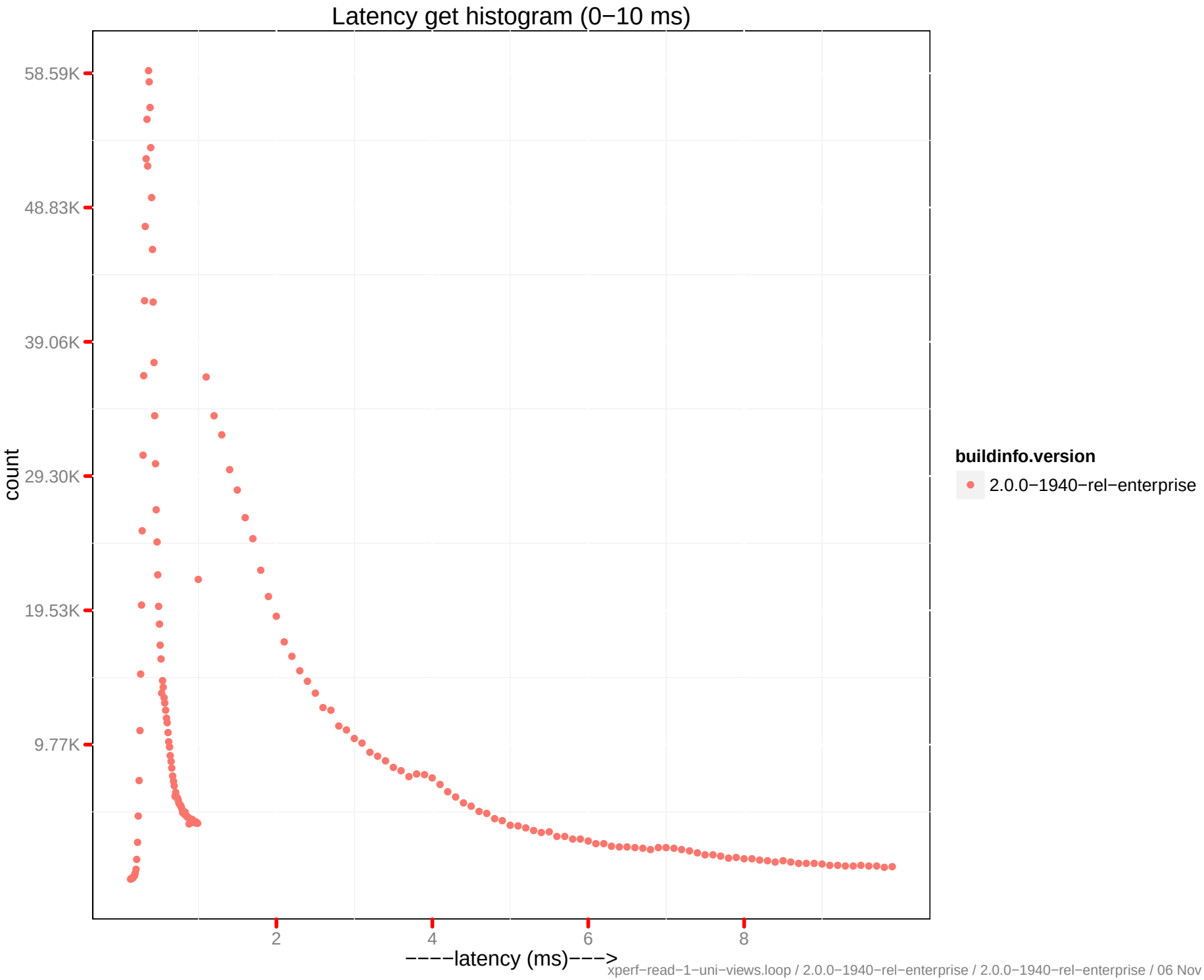

Average %util : explorer.server.4
iostat – Disk %util
7.93
7.93
7.92
7.92
7.91
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average disk utilization percentage
across all hard drives (kB/s)
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

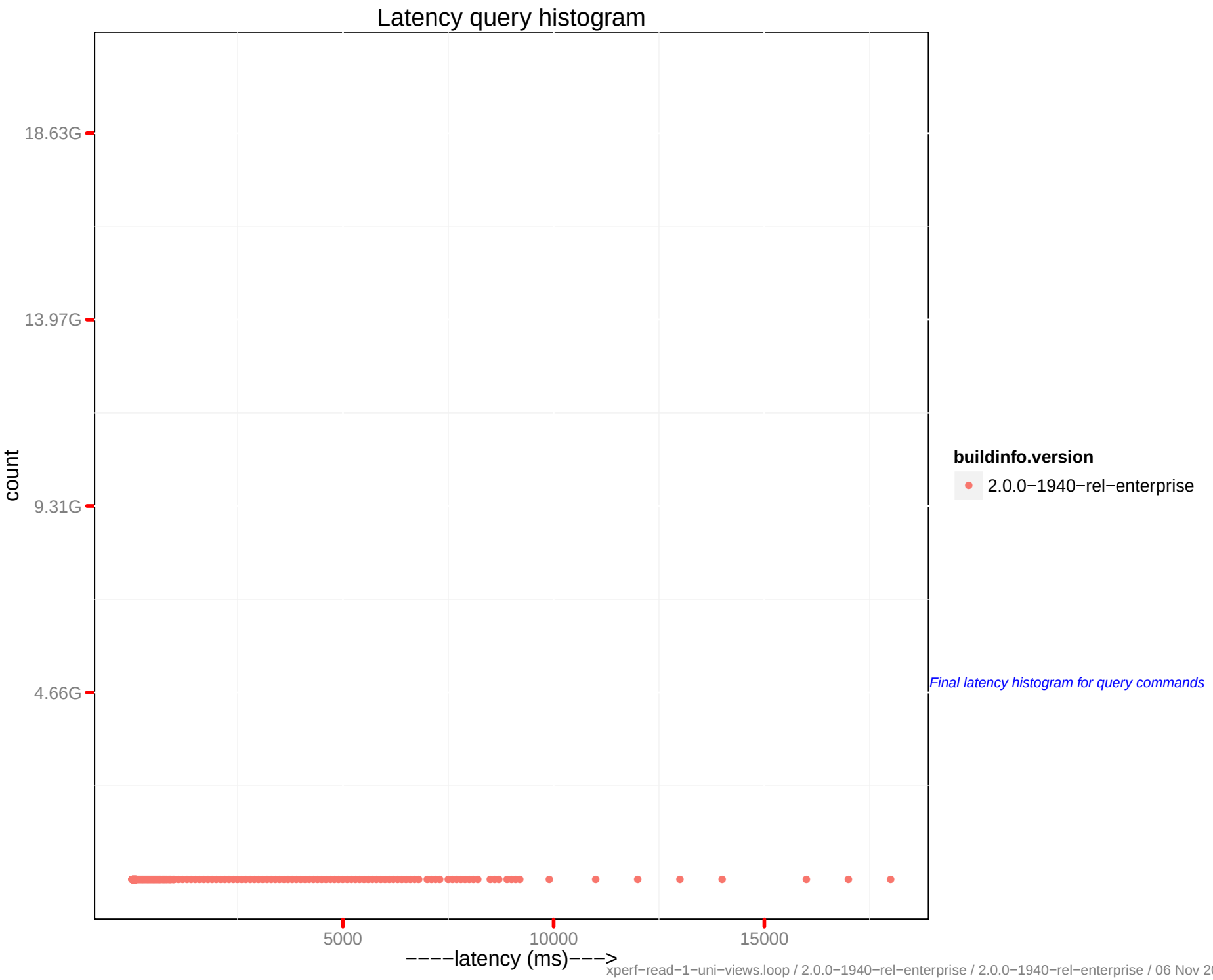

Average %iowait : explorer.server.4
iostat – %iowait
30.00
20.00
10.00
0
0
2000
4000
6000
8000
10000
––––time (sec)––––>
buildinfo.version
2.0.0–1940–rel–enterprise
Average cpu percentage waiting for outstanding IO
xperf–read–1–uni–views.loop / 2.0.0–1940–rel–enterprise / 2.0.0–1940–rel–enterprise / 06 Nov 2012

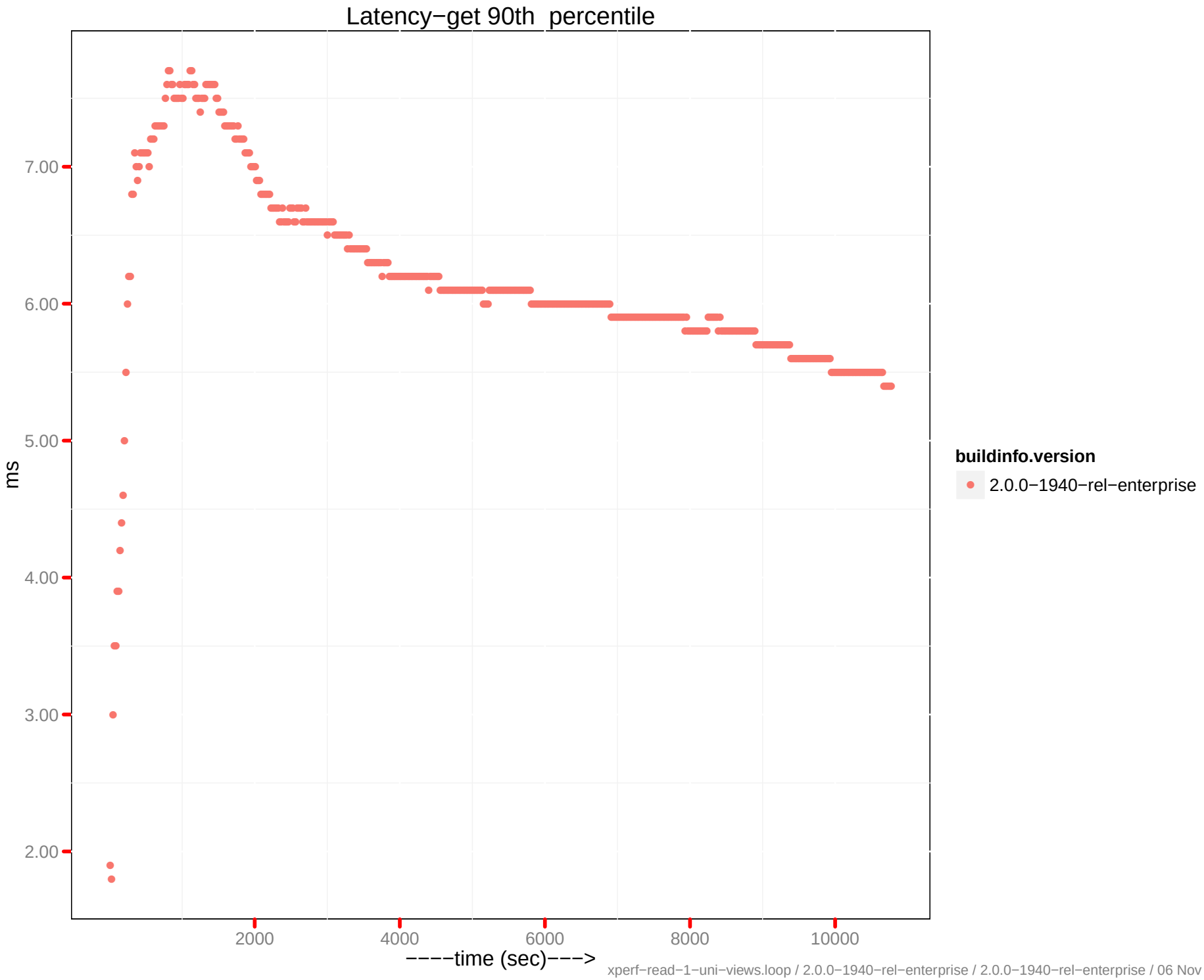

Average %cpu : explorer.server.4
100.00
80.00
60.00
40.00
20.00
iostat – %cpu
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Average cpu percentage measured from iostat excluding %idle
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

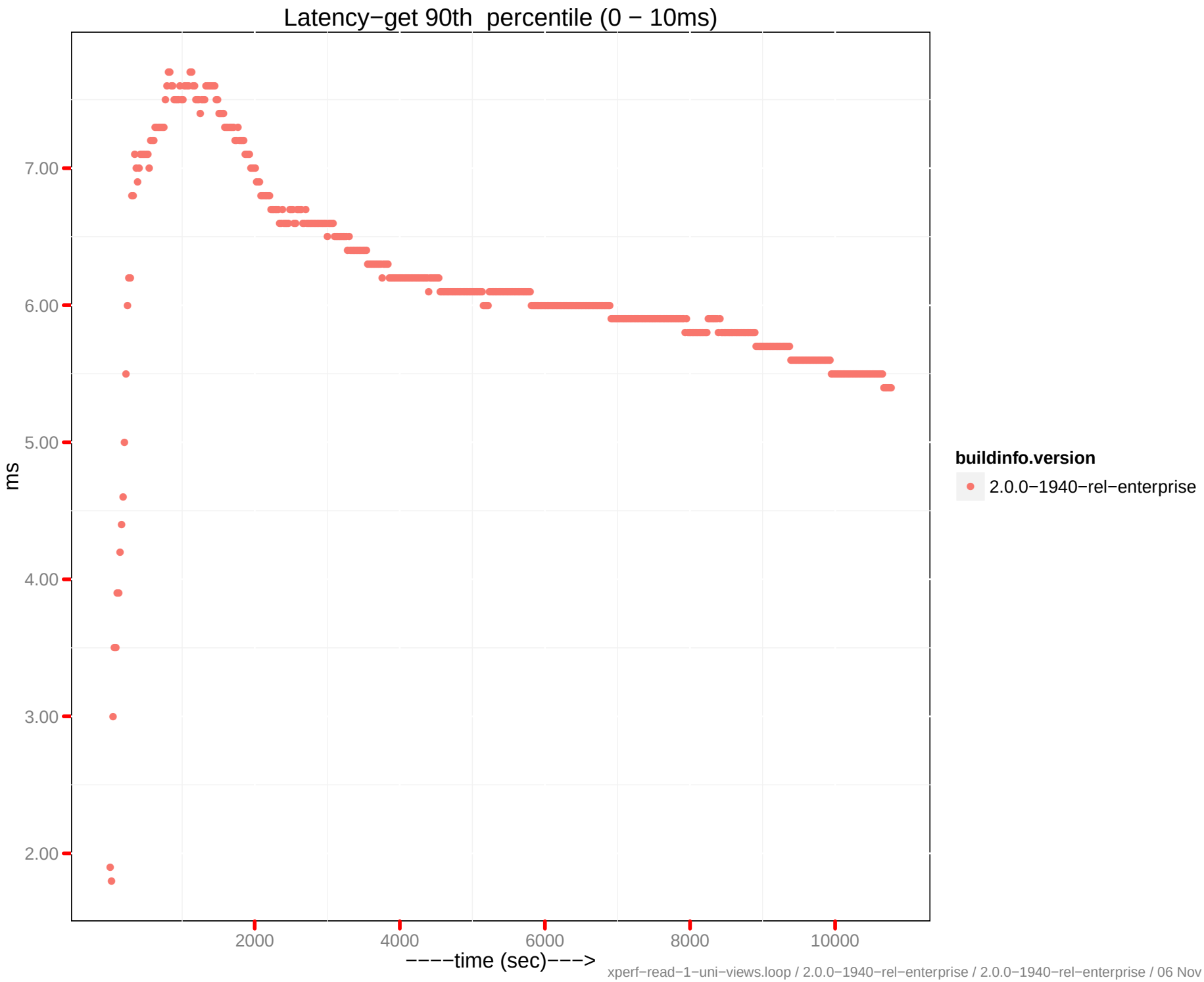

Data disk size
78.12K
68.36K
58.59K
MB
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

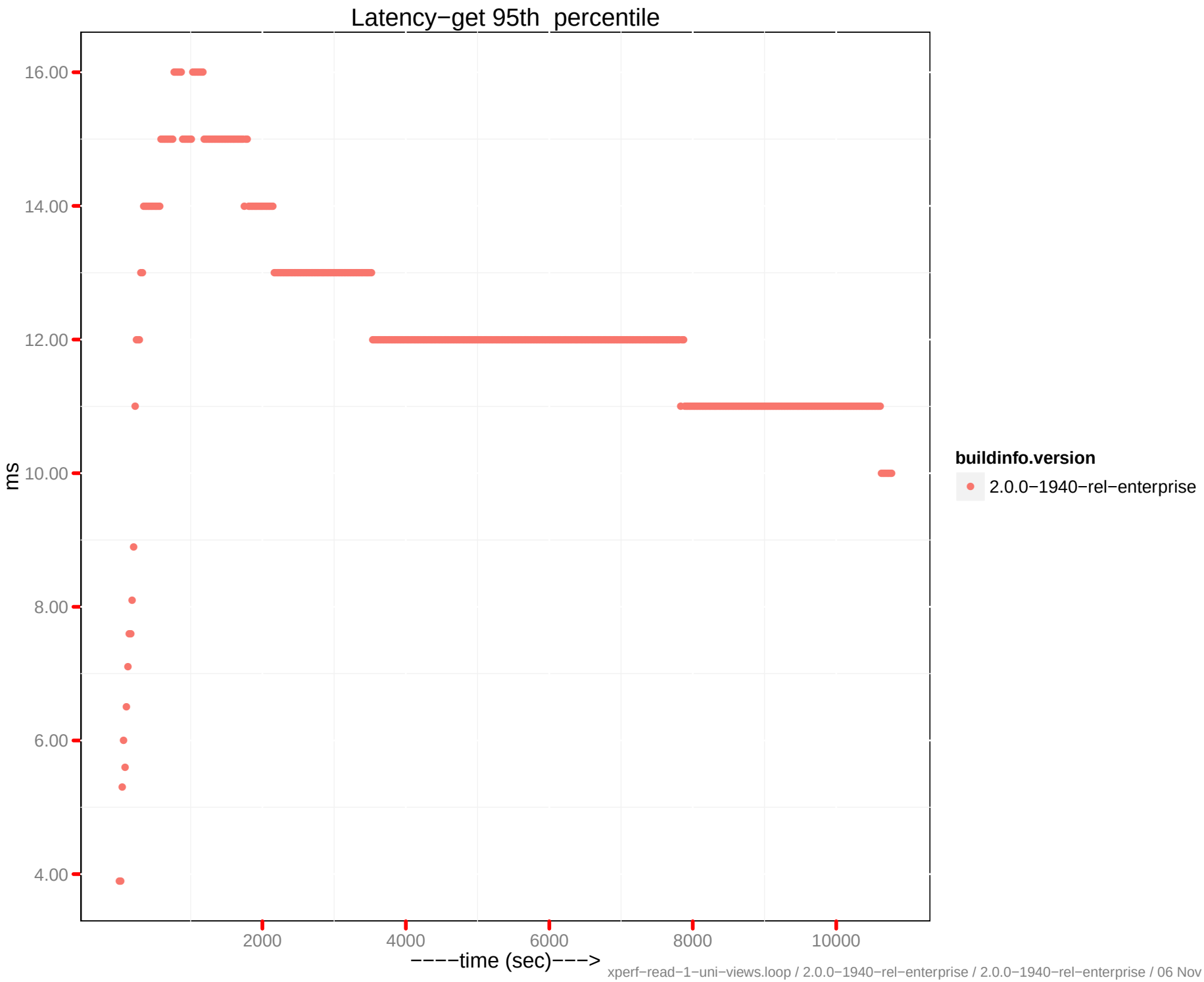

Latency get histogram
18.63G
13.97G
9.31G
4.66G
count
200
400
600
800
1000
----latency (ms)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Final latency histogram for get commands
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

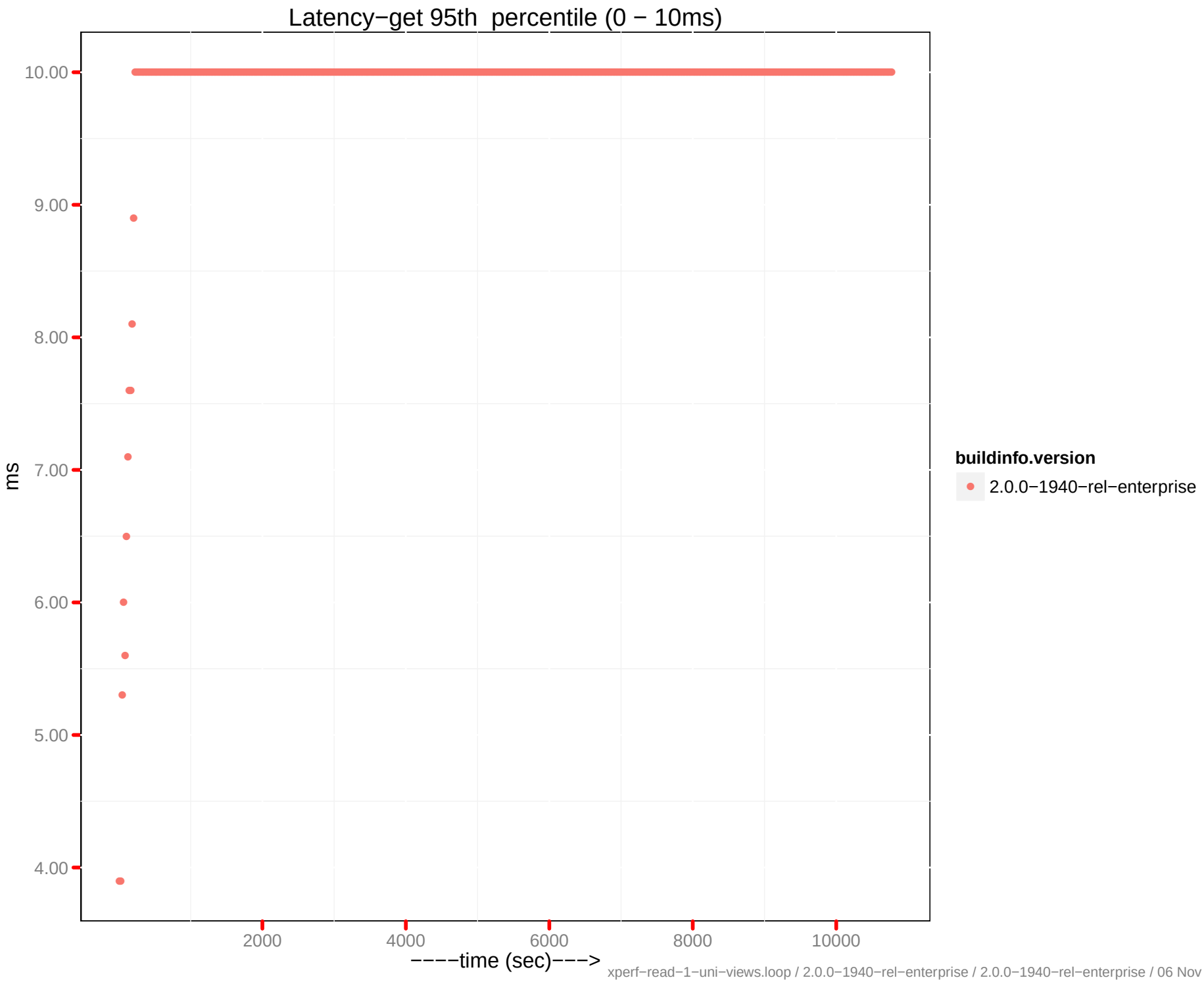

Latency get histogram (0−10 ms)
58.59K
48.83K
39.06K
29.30K
19.53K
9.77K
count
2
4
6
8
−−−−latency (ms)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

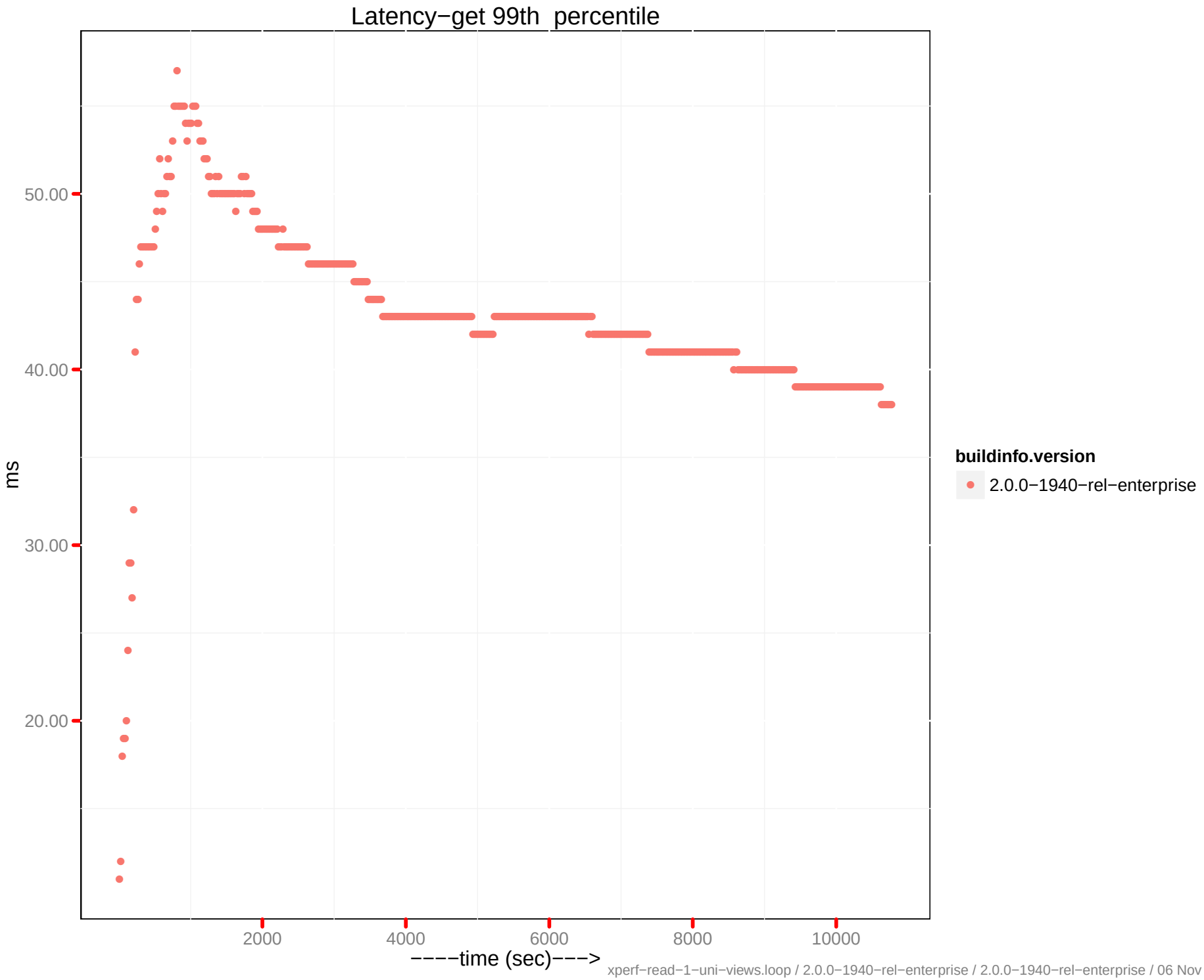

Latency query histogram
18.63G
13.97G
9.31G
4.66G
count
5000
10000
15000
----latency (ms)--->
buildinfo.version
2.0.0-1940-rel-enterprise
Final latency histogram for query commands
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

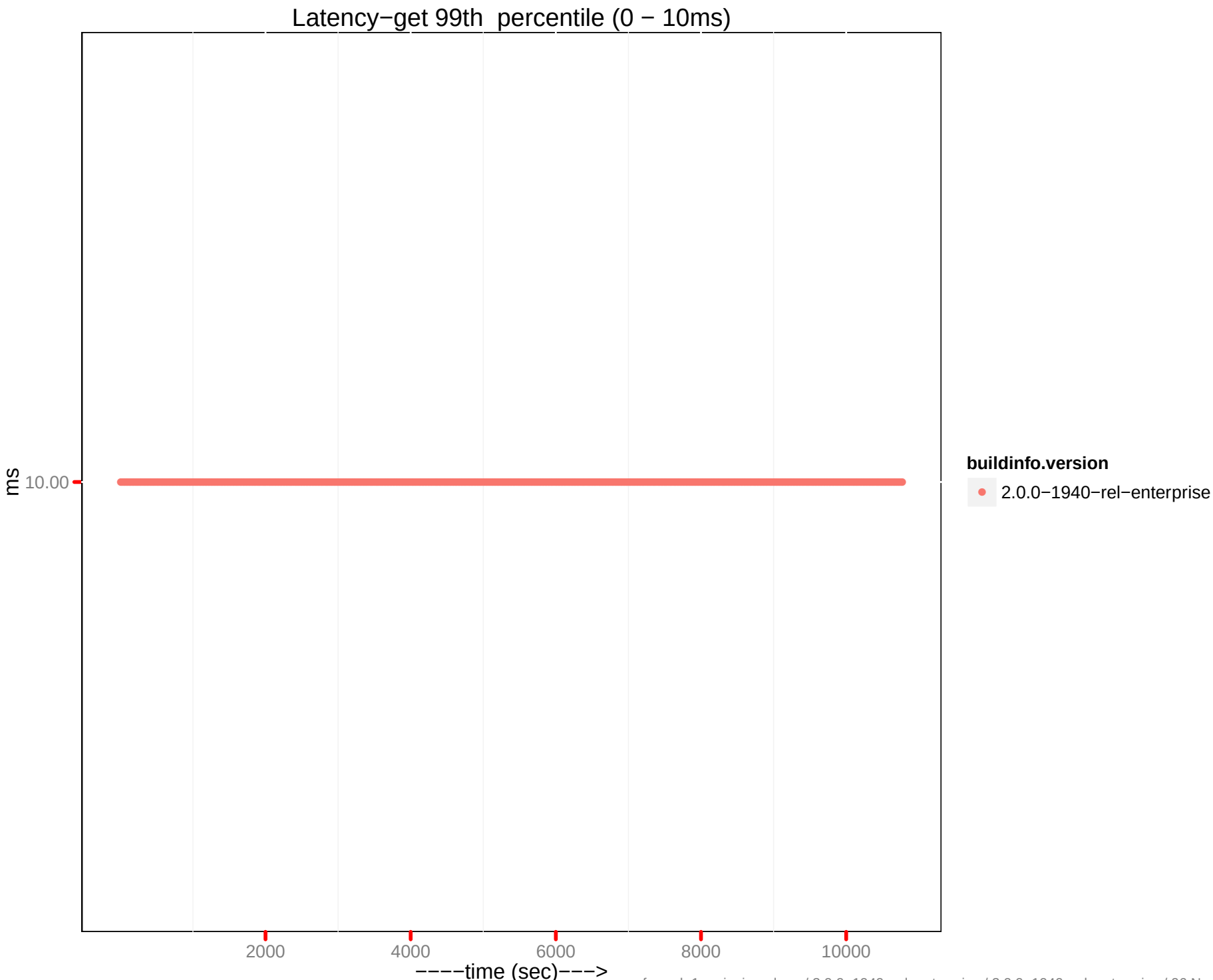

Latency−get 90th  percentile
7.00
6.00
5.00
4.00
3.00
2.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

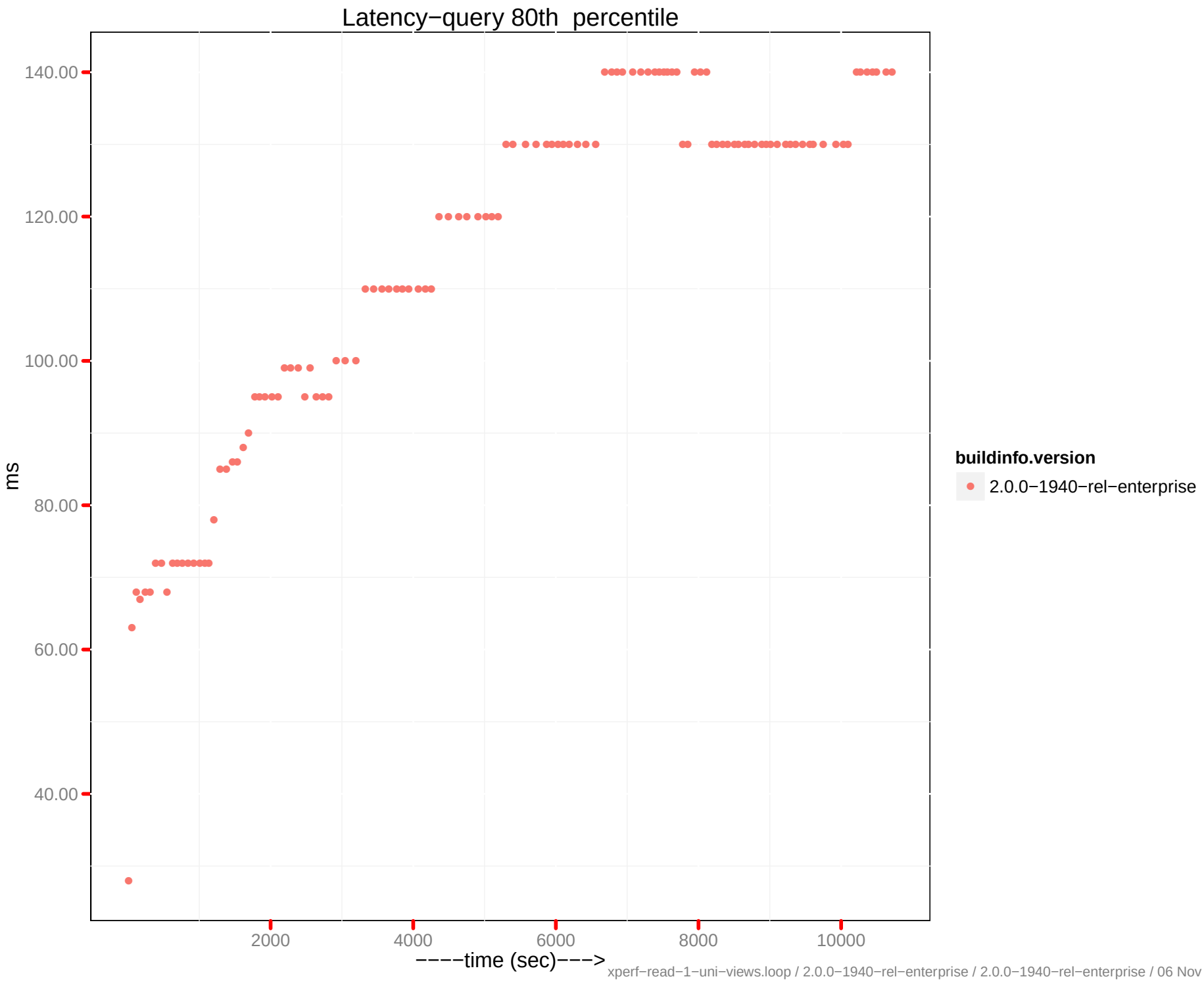

Latency−get 90th percentile (0 − 10ms)
7.00
6.00
5.00
4.00
3.00
2.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

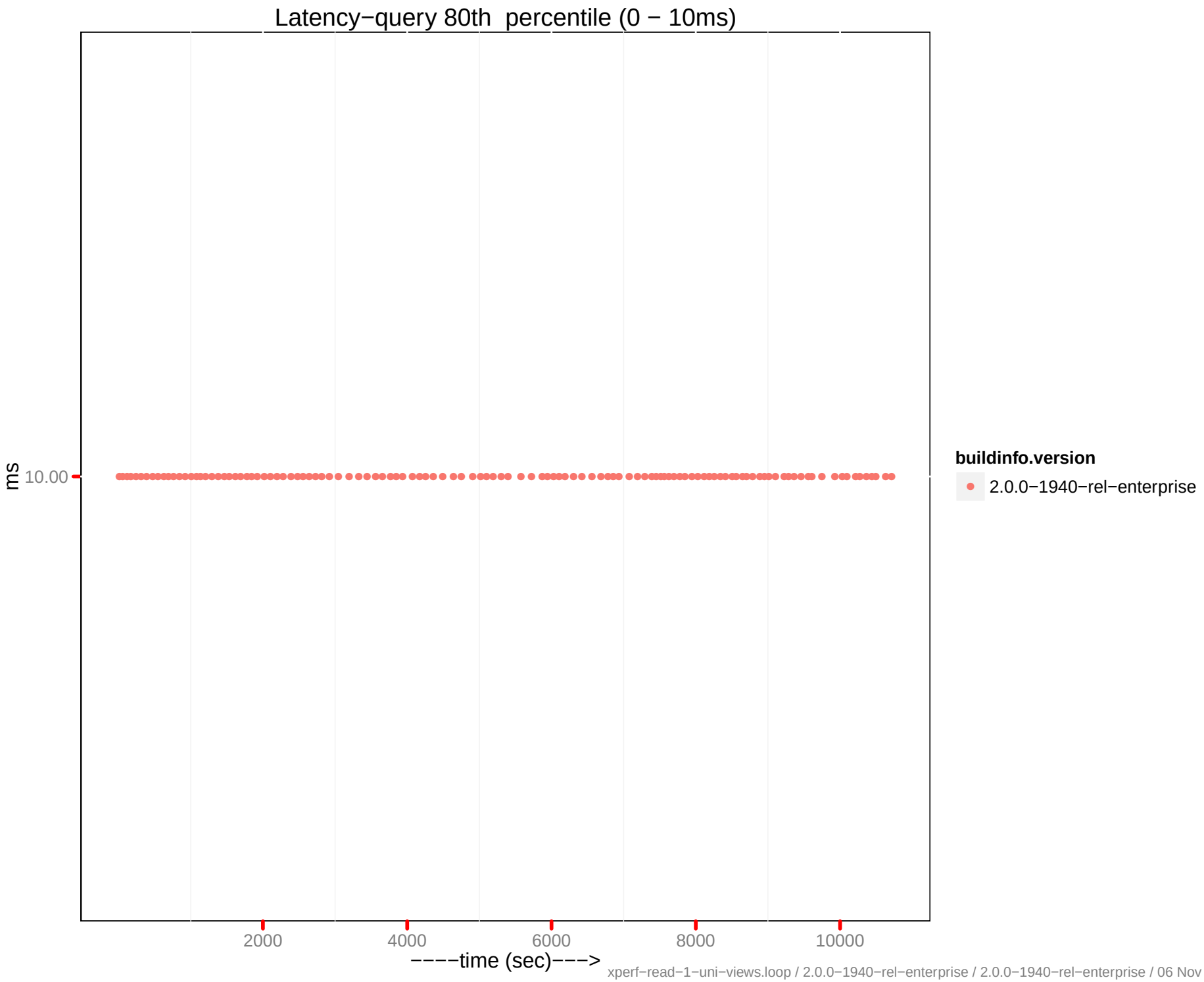

Latency−get 95th percentile
16.00
14.00
12.00
10.00
8.00
6.00
4.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

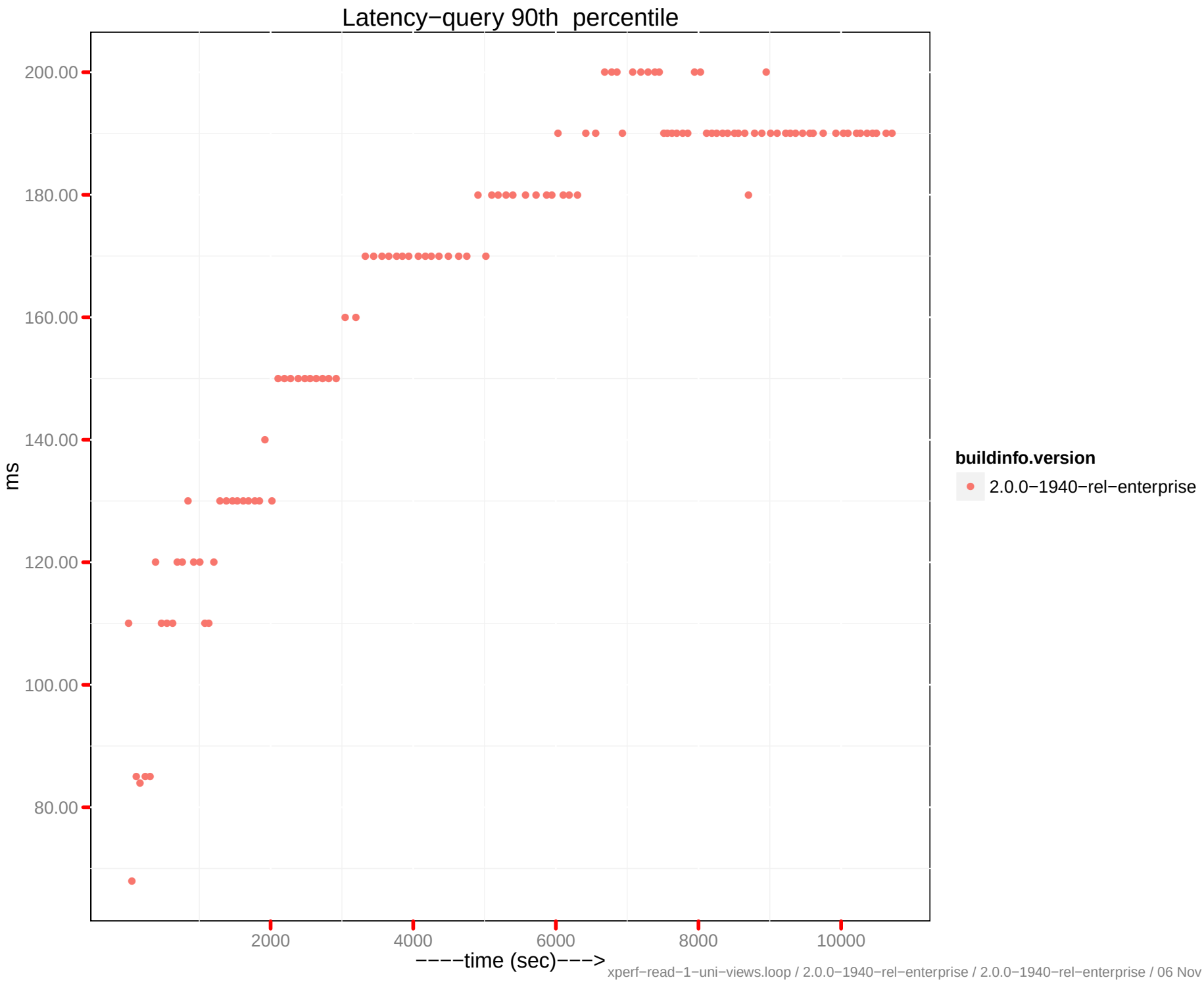

Latency−get 95th percentile (0 − 10ms)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

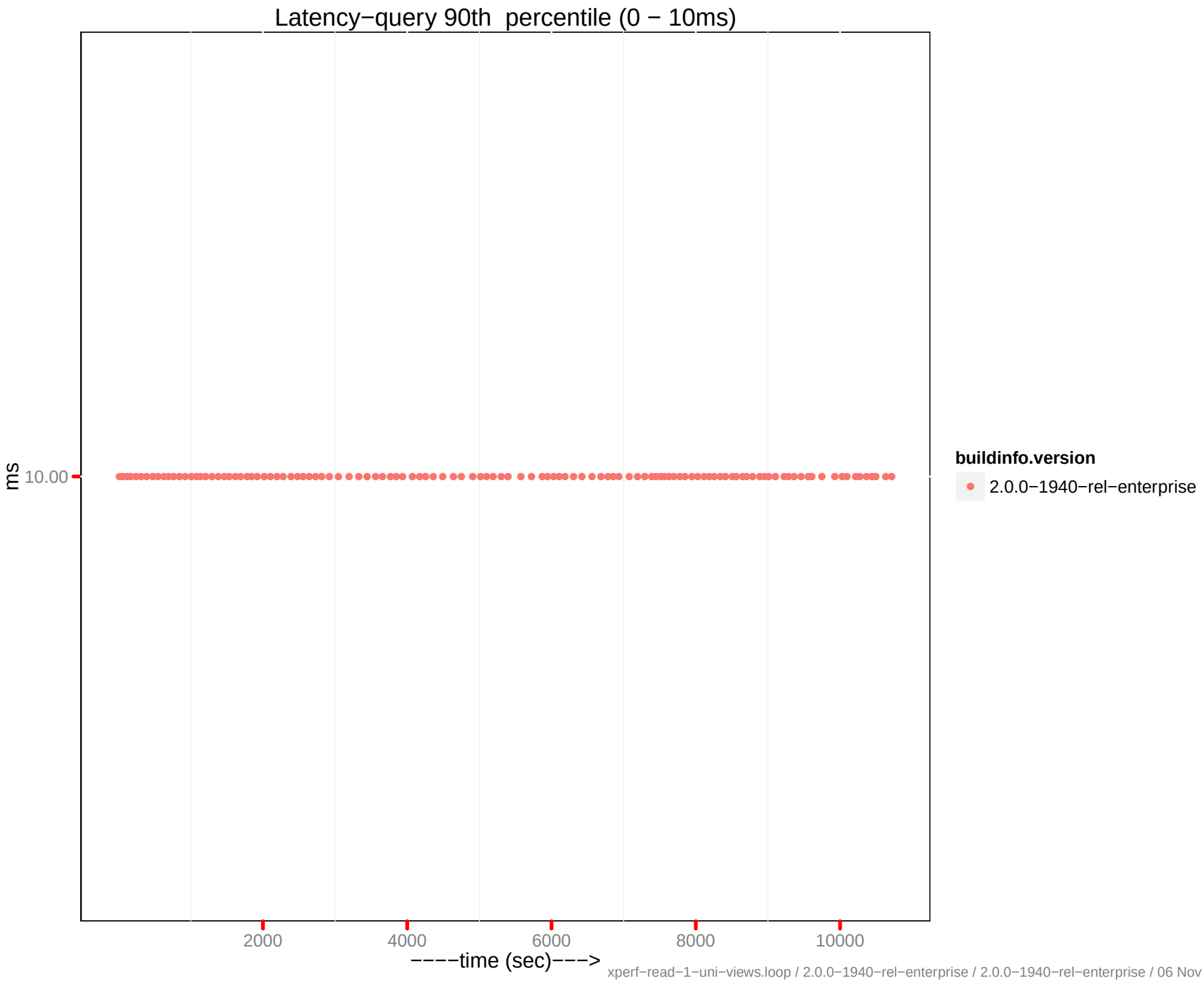

Latency−get 99th percentile
50.00
40.00
30.00
20.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

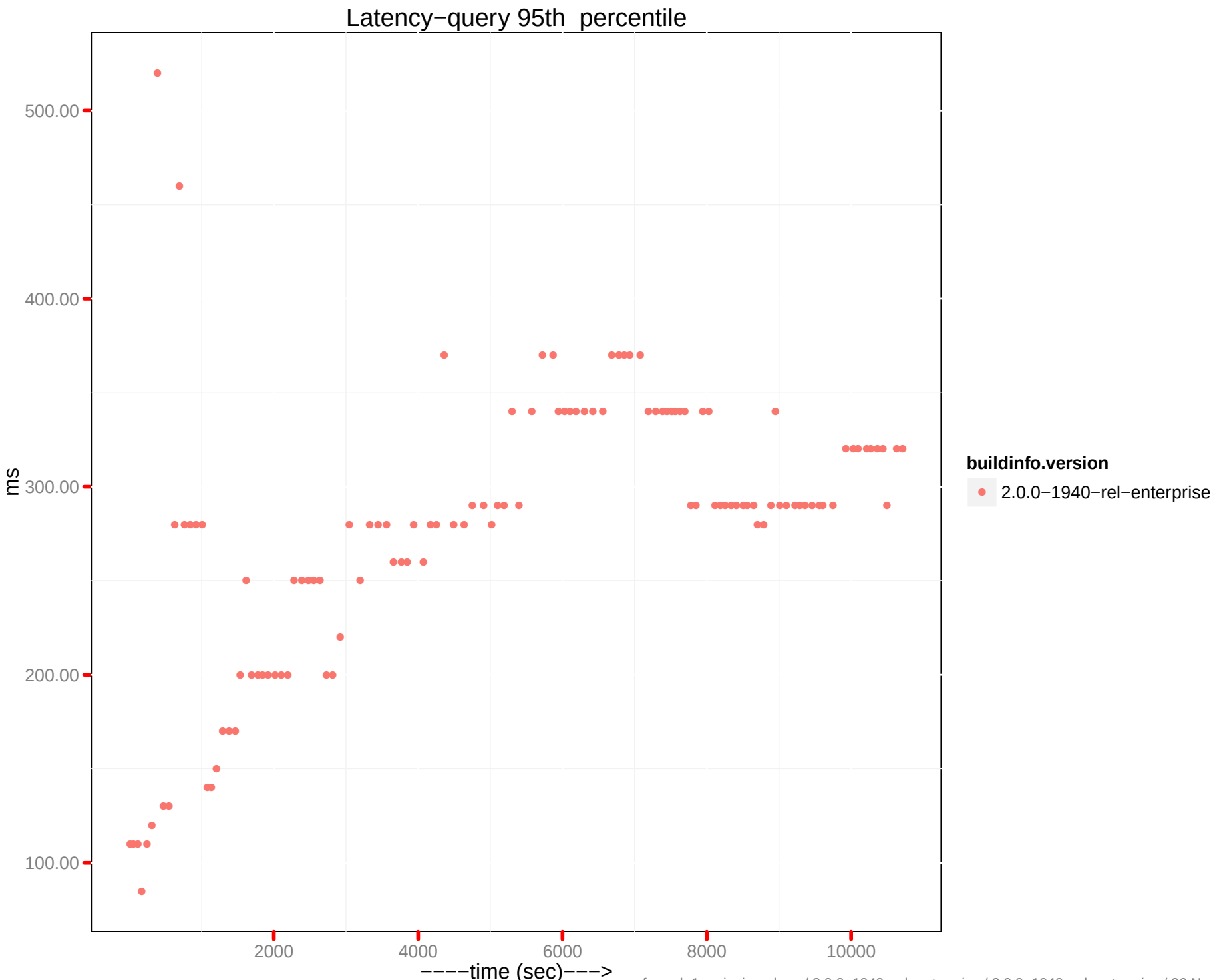

Latency−get 99th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

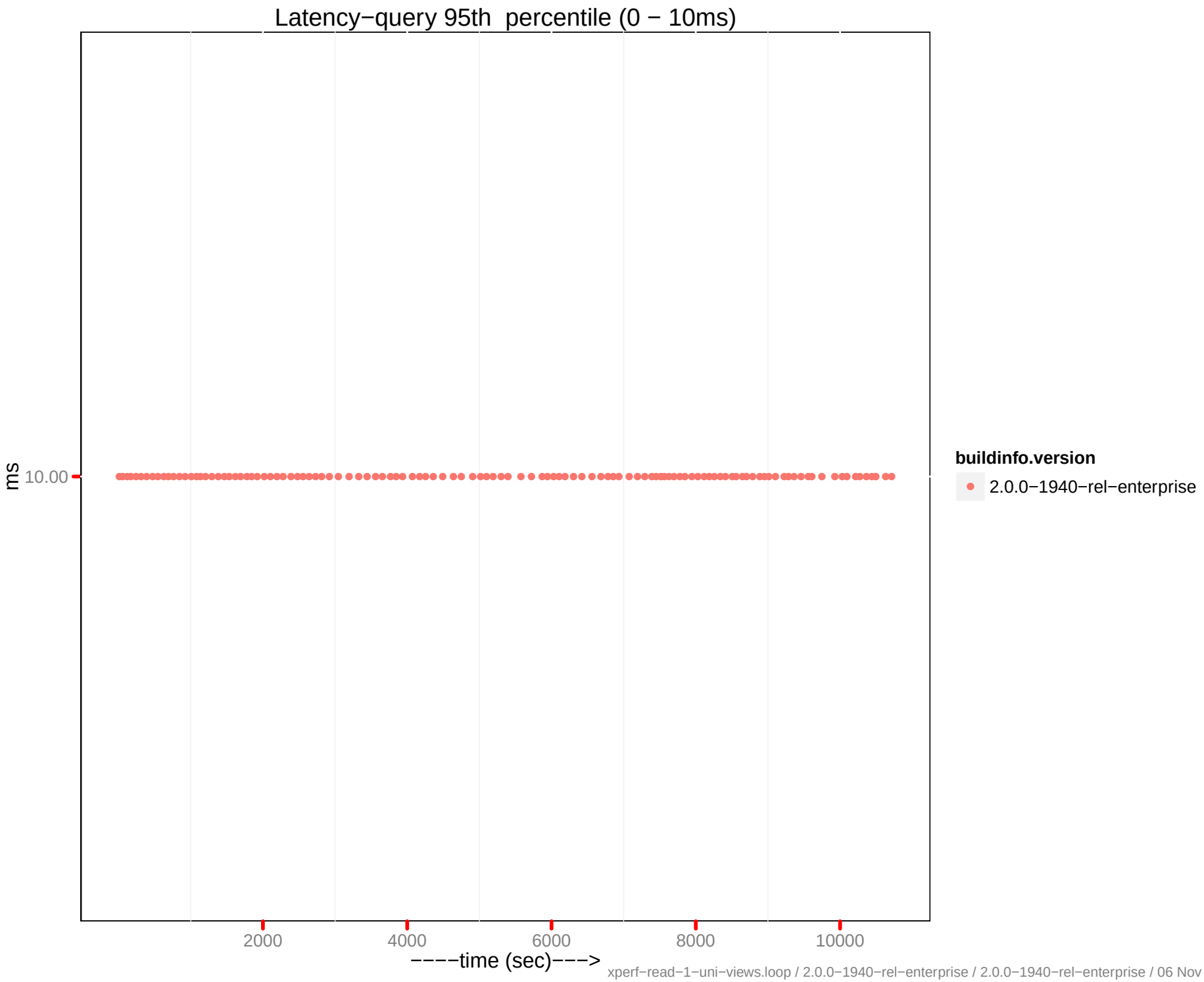

Latency−query 80th percentile
140.00
120.00
100.00
80.00
60.00
40.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

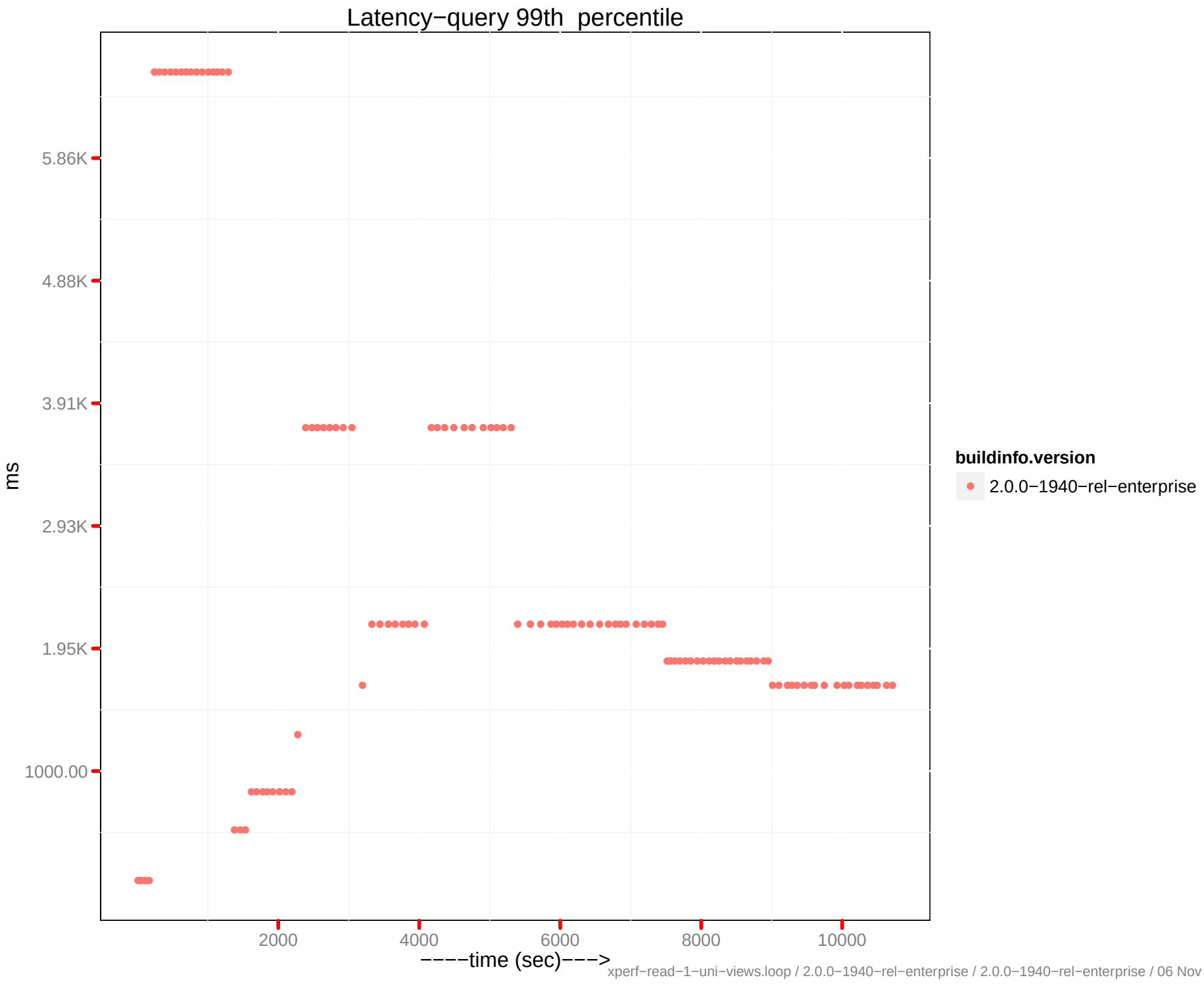

Latency−query 80th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

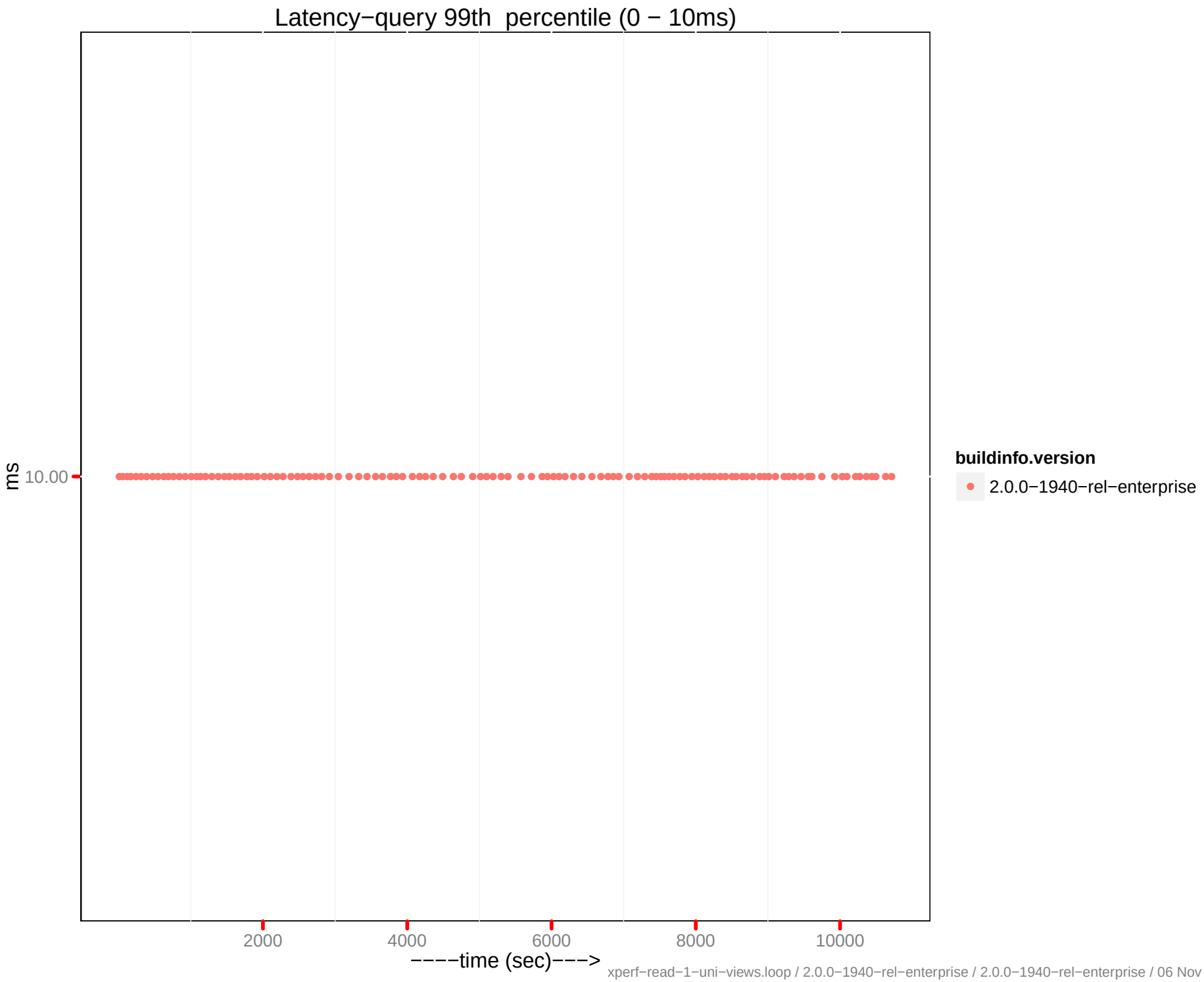

Latency−query 90th percentile
200.00
180.00
160.00
140.00
120.00
100.00
80.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

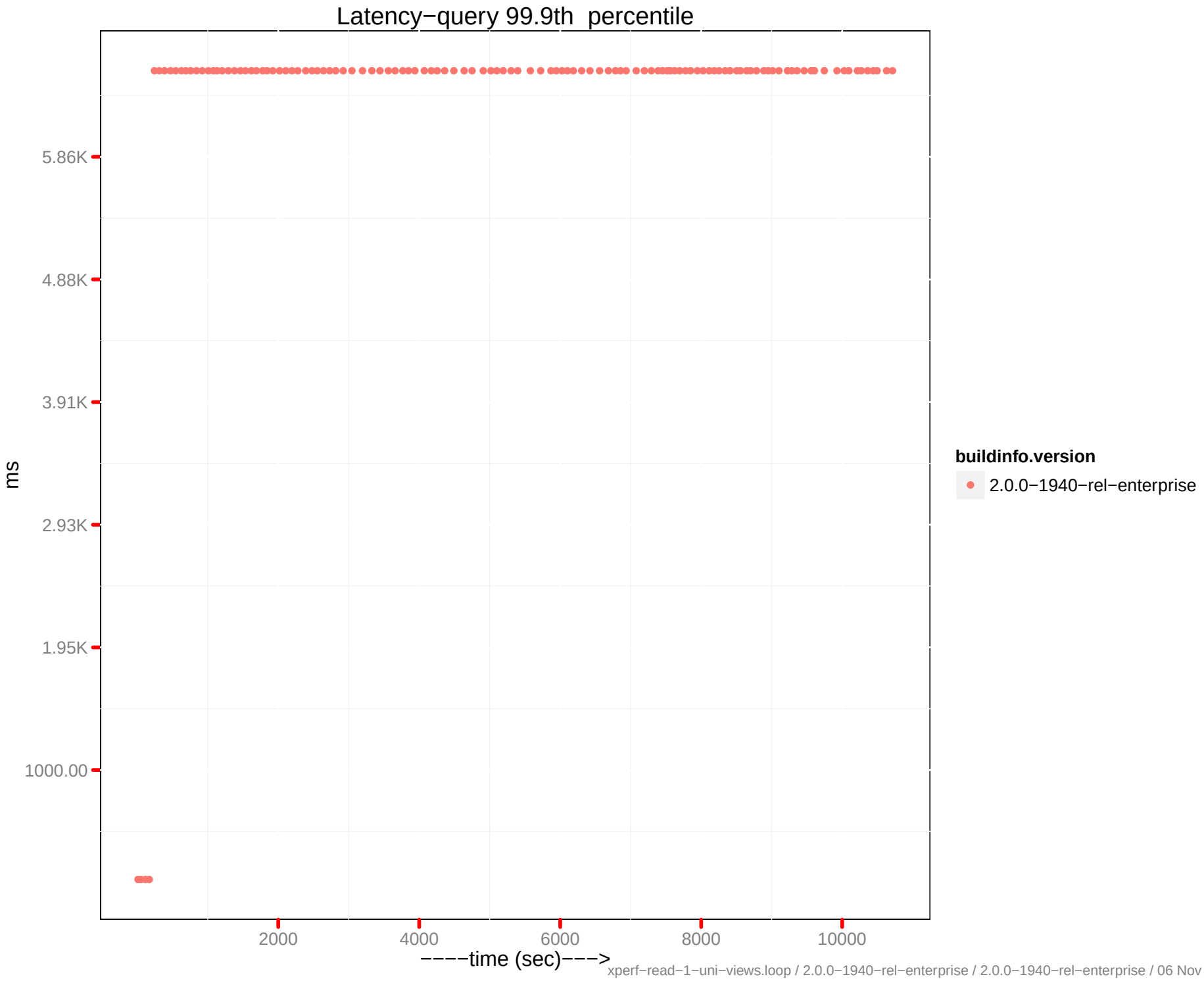

Latency−query 90th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

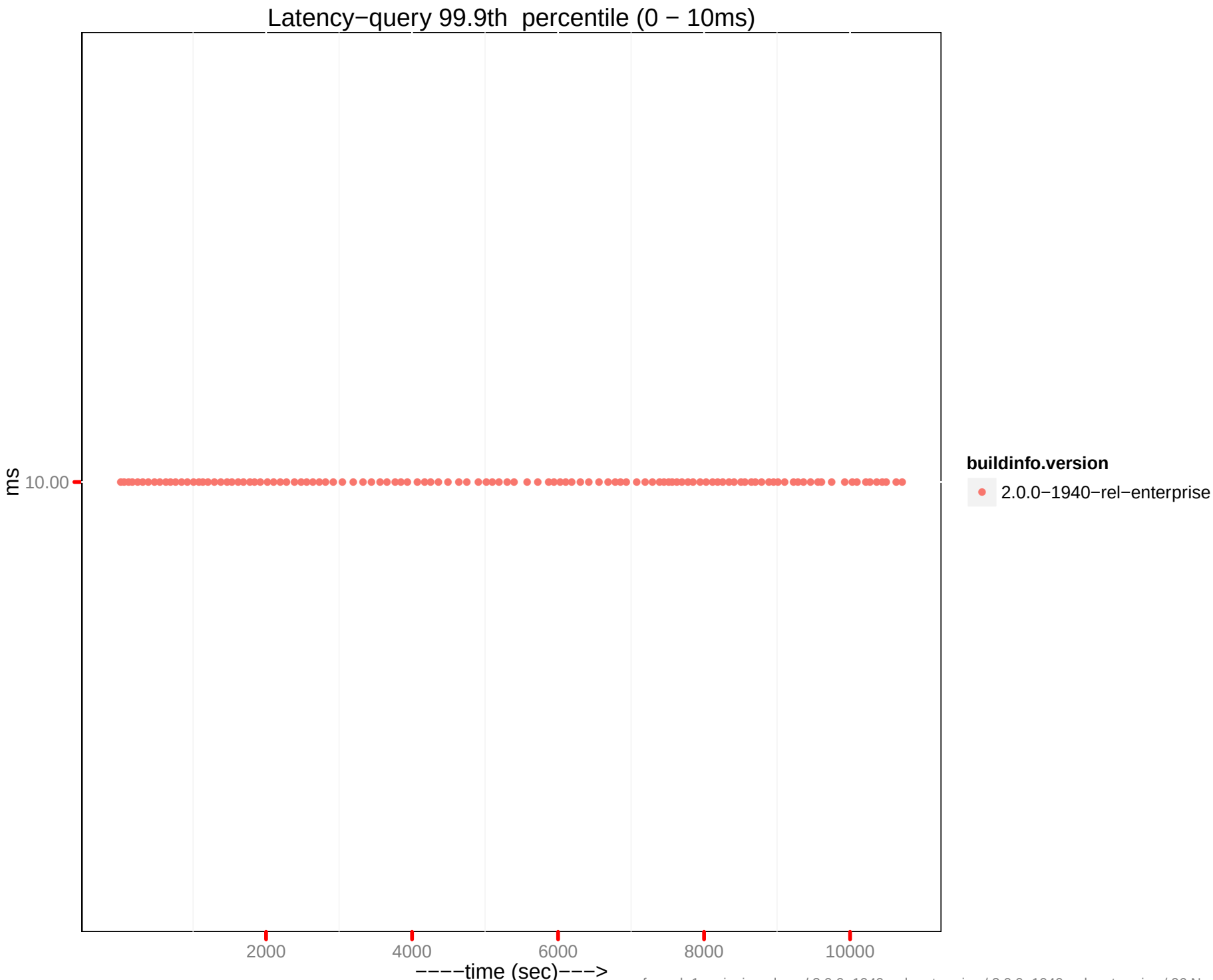

Latency−query 95th percentile
500.00
400.00
300.00
200.00
100.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

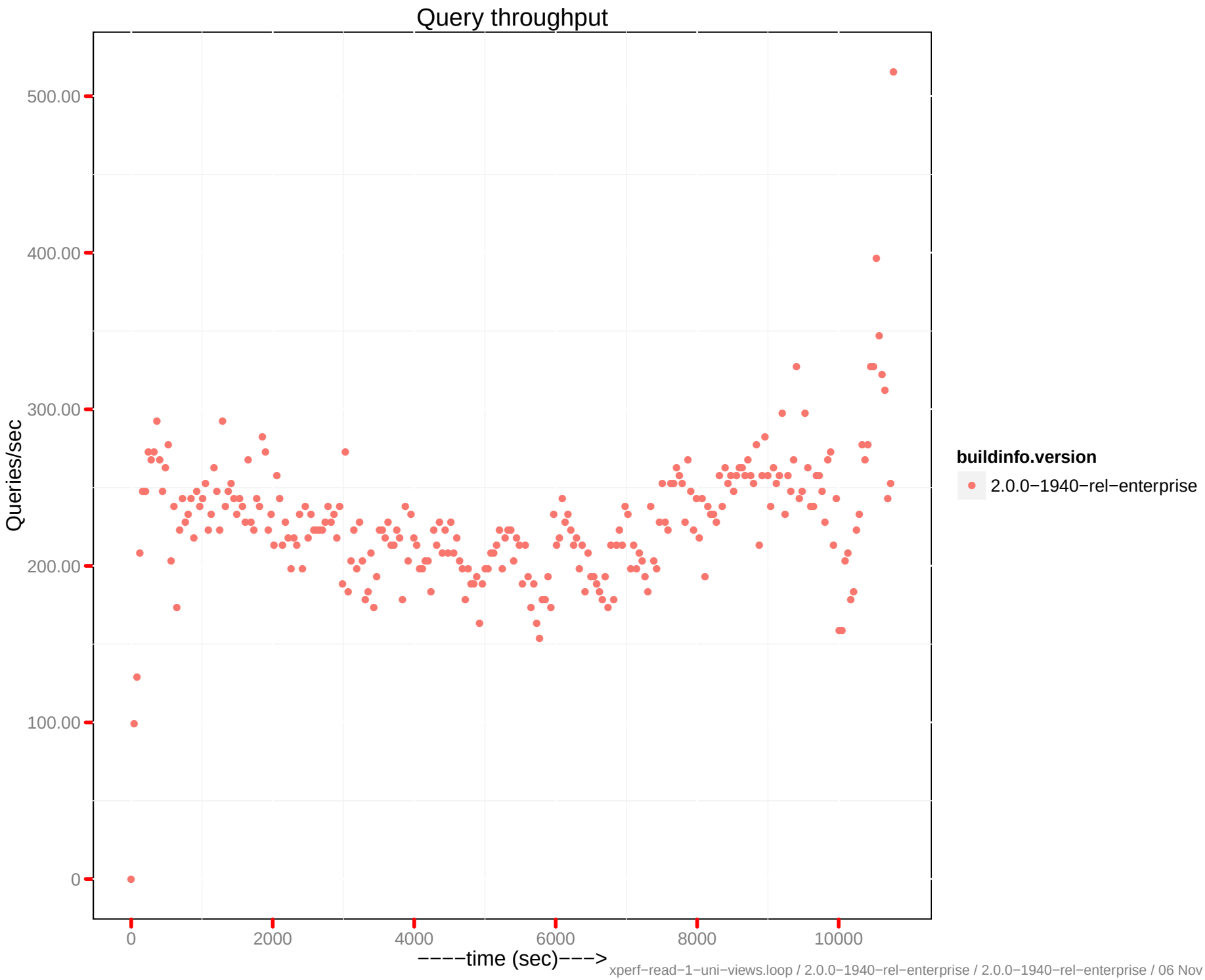

Latency−query 95th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

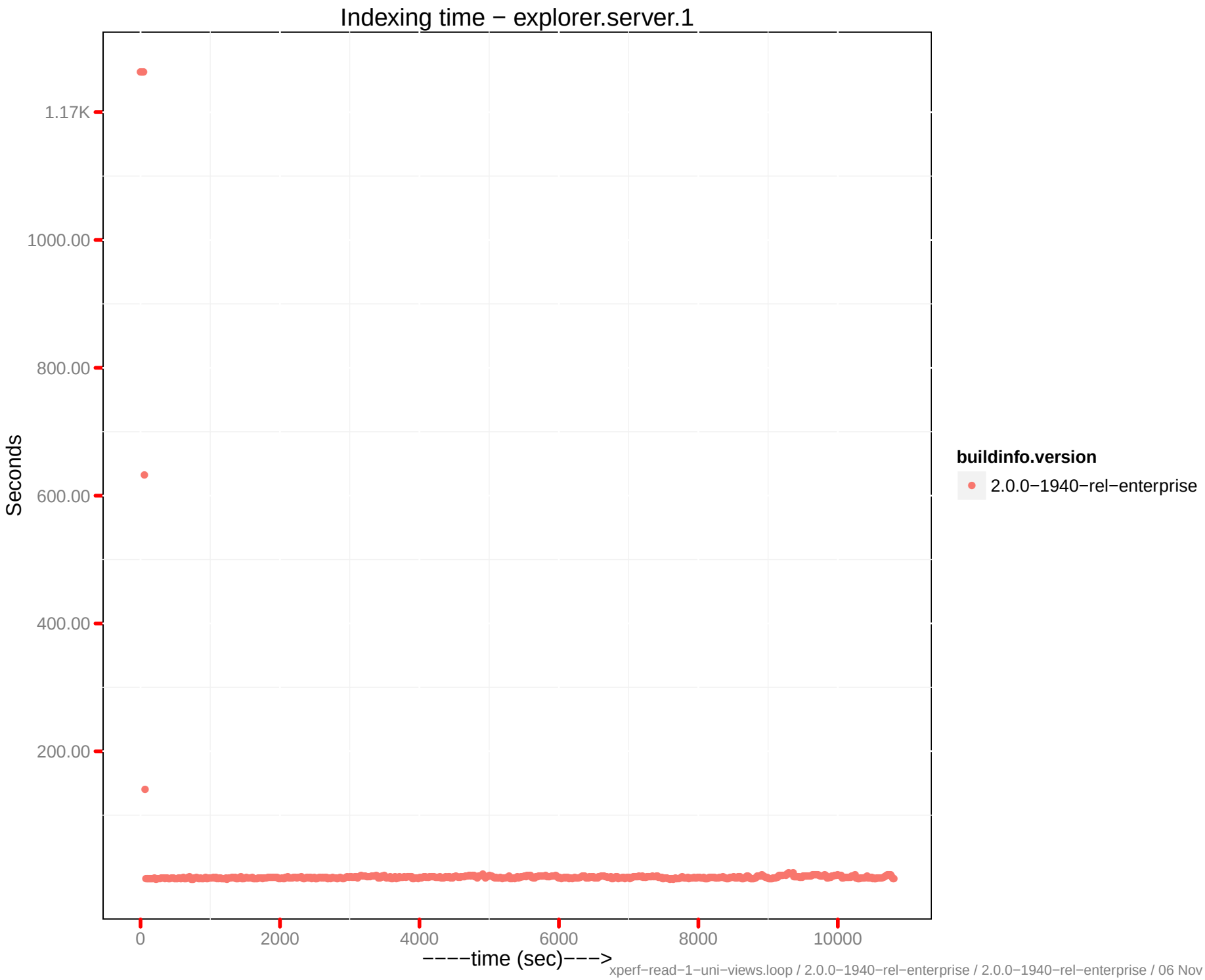

Latency−query 99th percentile
5.86K
4.88K
3.91K
2.93K
1.95K
1000.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

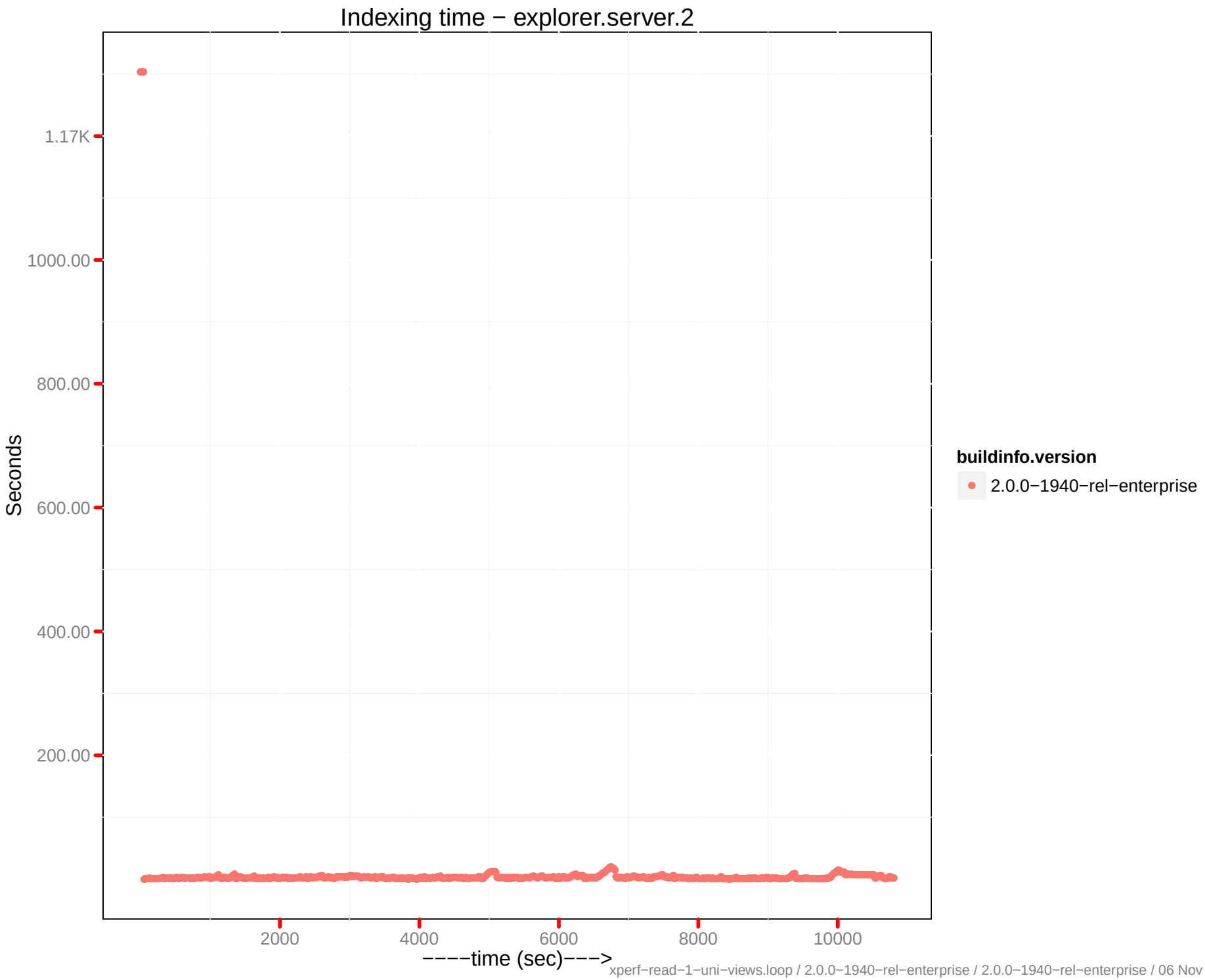

Latency−query 99th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

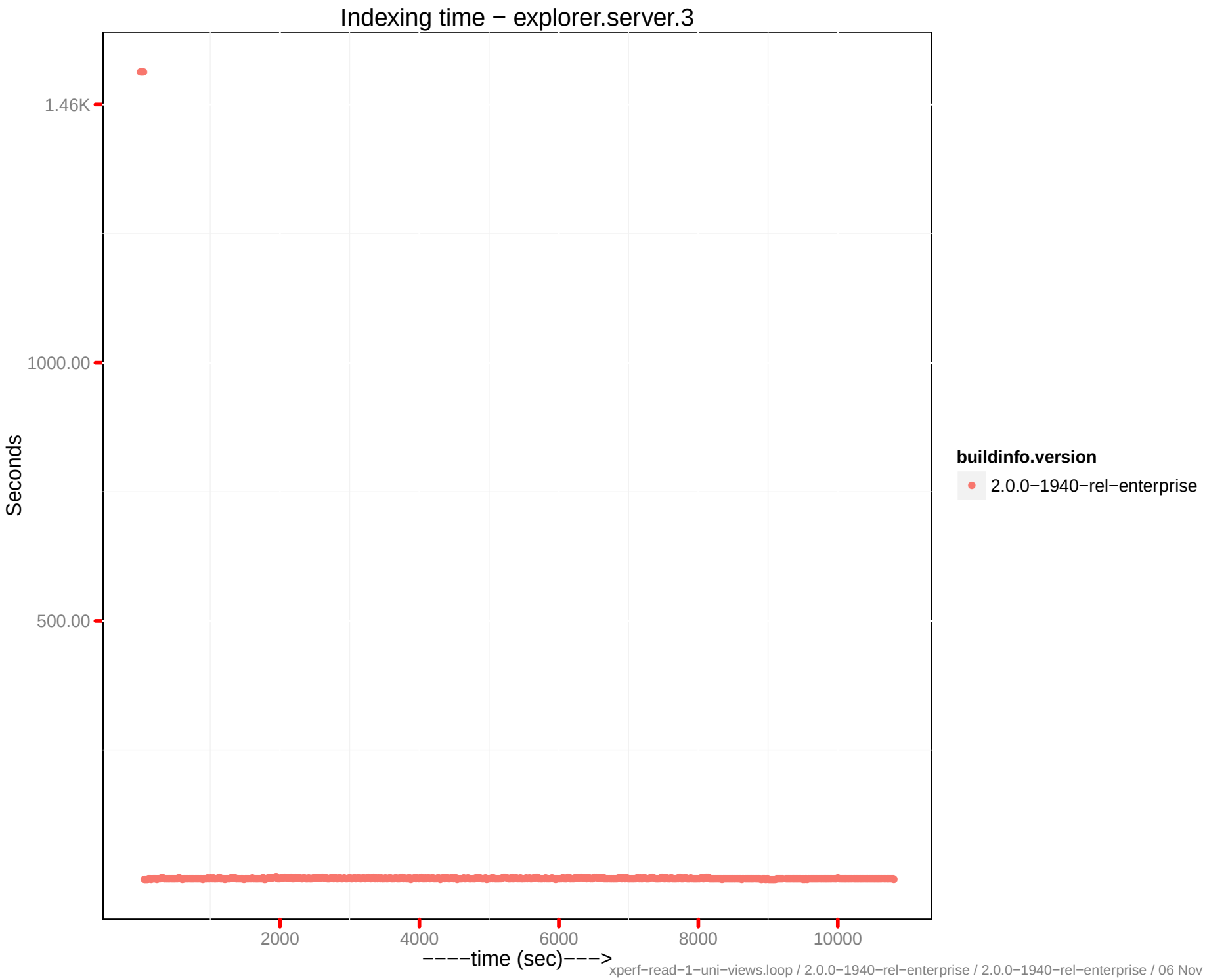

Latency−query 99.9th percentile
5.86K
4.88K
3.91K
2.93K
1.95K
1000.00
ms
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

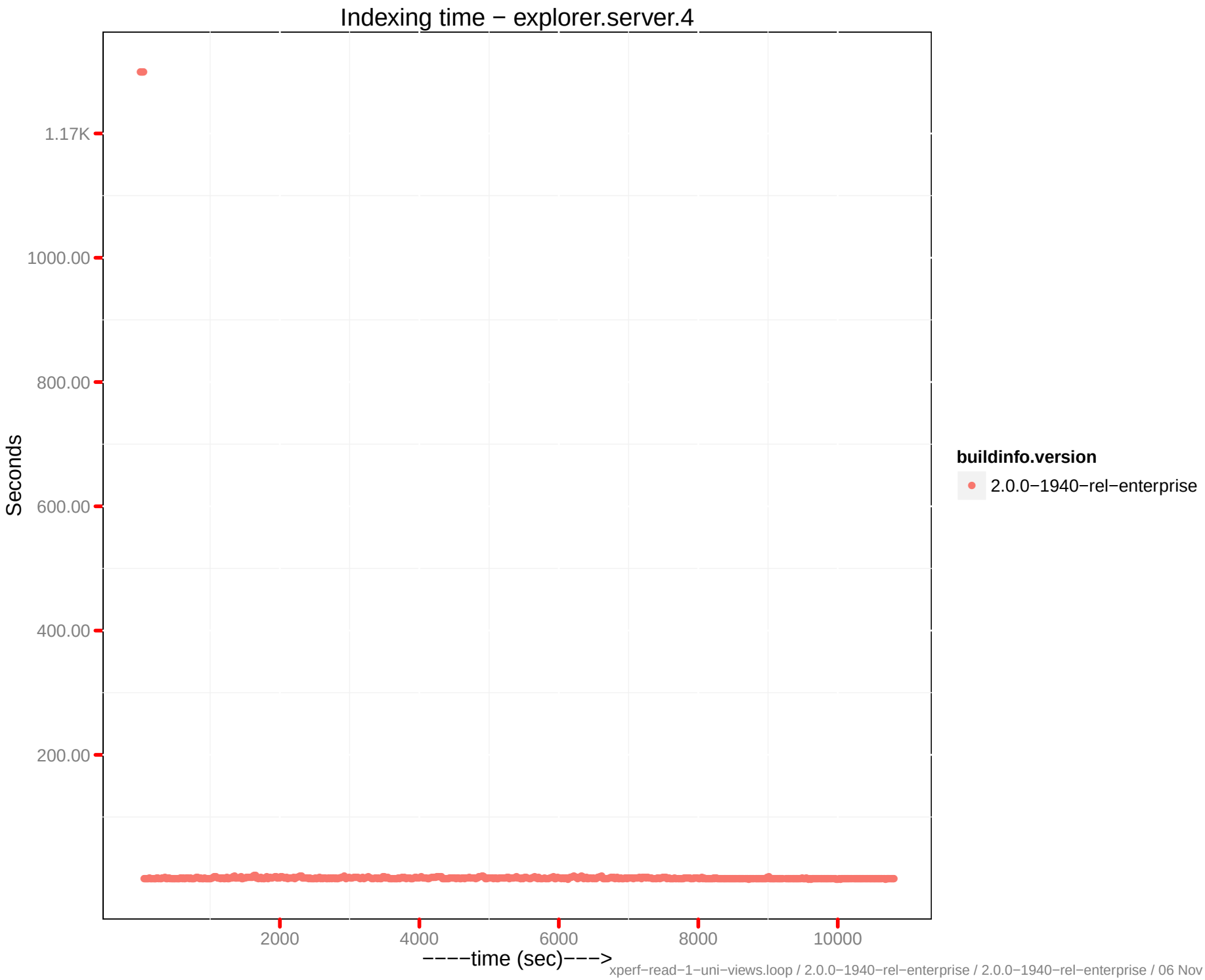

Latency−query 99.9th percentile (0 − 10ms)
ms
10.00
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

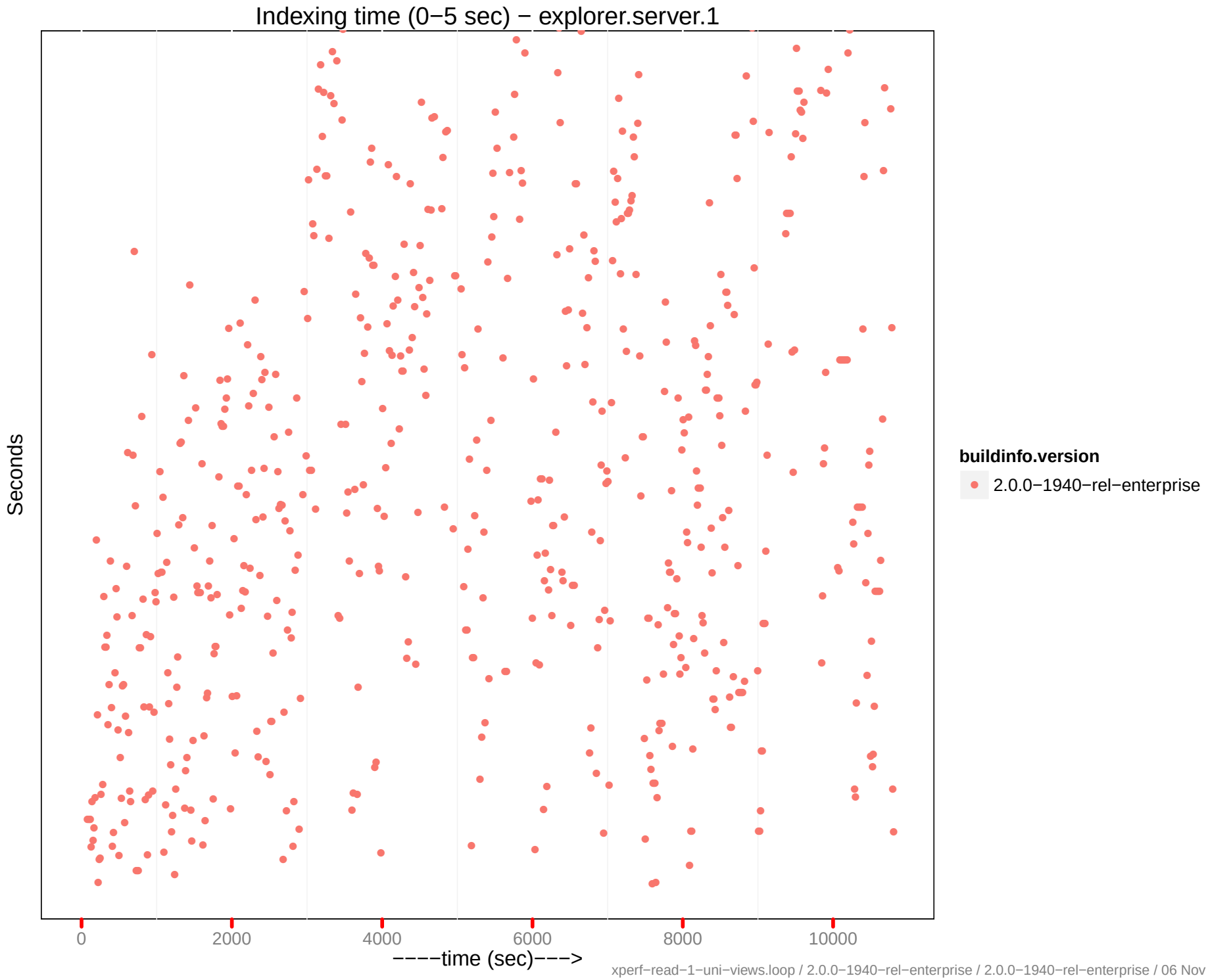

Query throughput
Queries/sec
500.00
400.00
300.00
200.00
100.00
0
0
2000
4000
6000
8000
10000
----time (sec)--->
buildinfo.version
2.0.0-1940-rel-enterprise
xperf-read-1-uni-views.loop / 2.0.0-1940-rel-enterprise / 2.0.0-1940-rel-enterprise / 06 Nov 2012

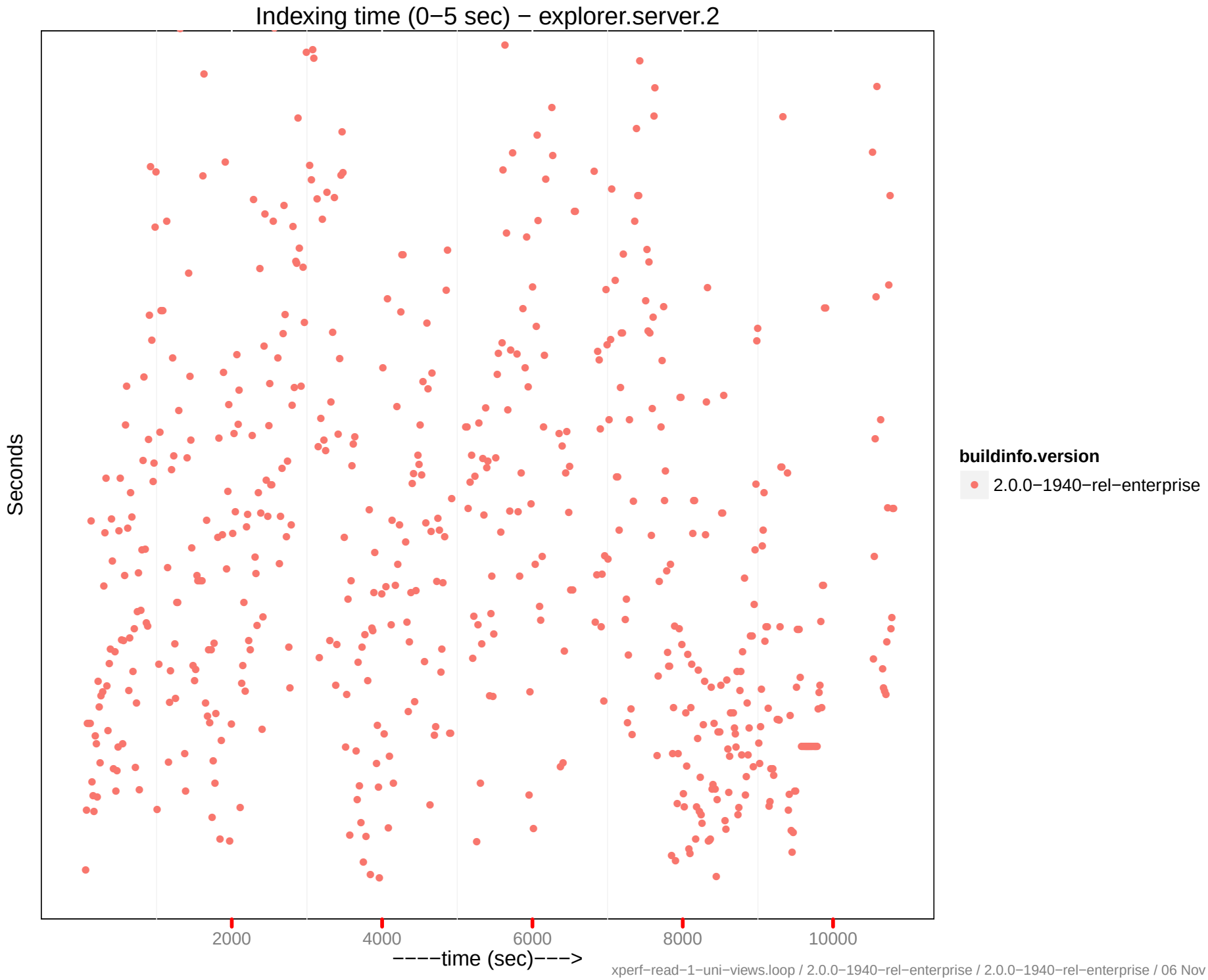

Indexing time − explorer.server.1
1.17K
1000.00
800.00
600.00
400.00
200.00
Seconds
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

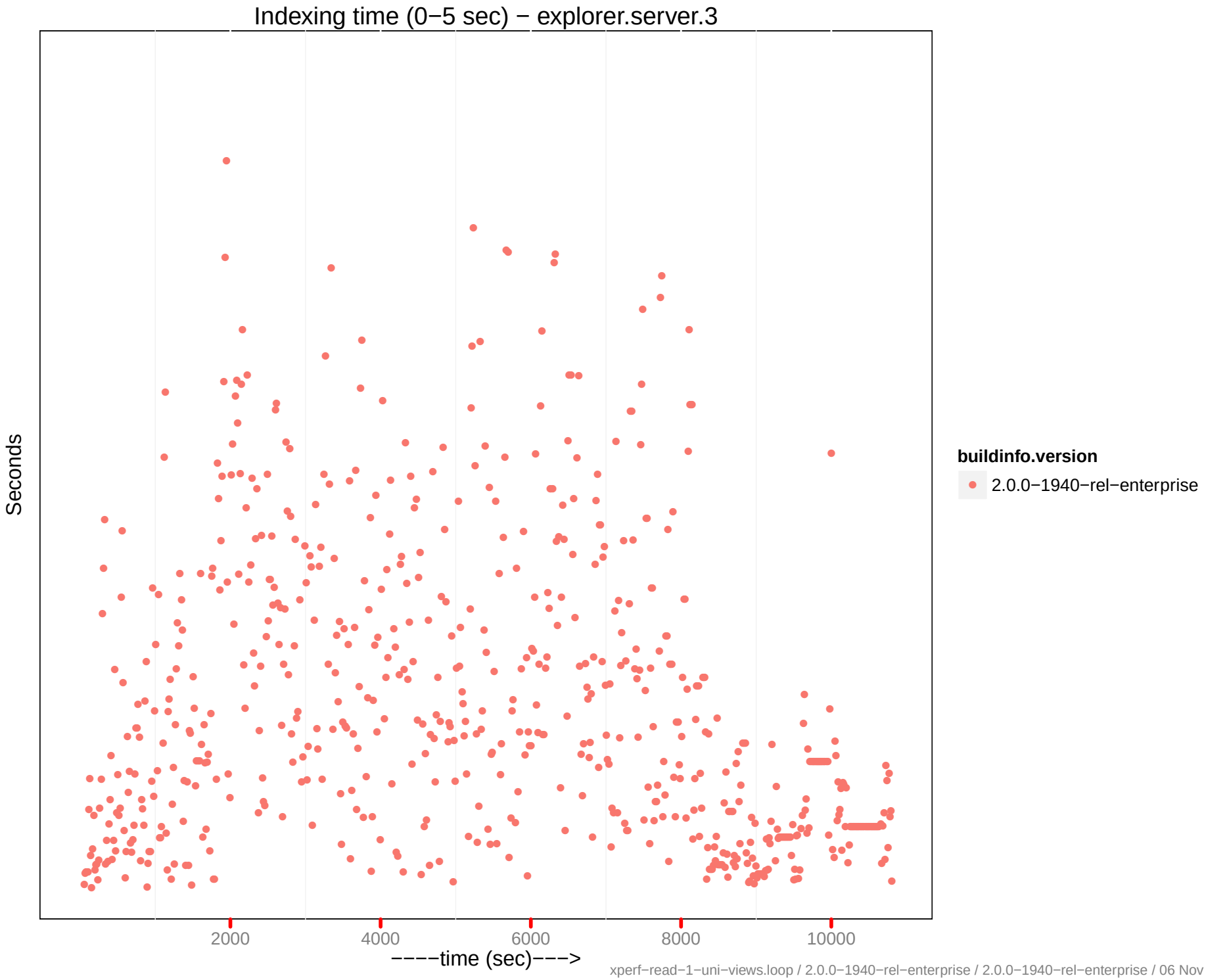

Indexing time − explorer.server.2
1.17K
1000.00
800.00
600.00
400.00
200.00
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

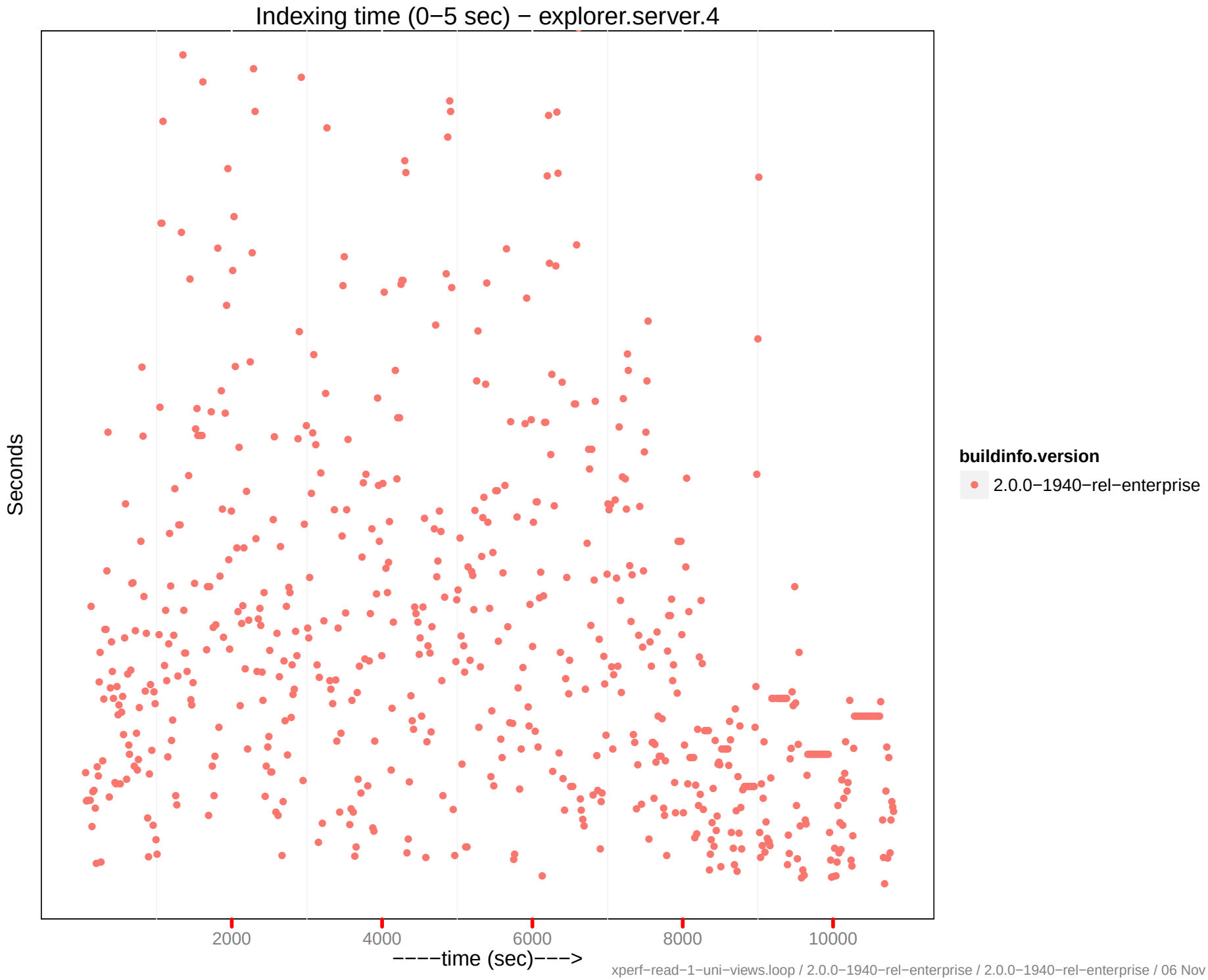

Indexing time − explorer.server.3
1.46K
1000.00
500.00
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

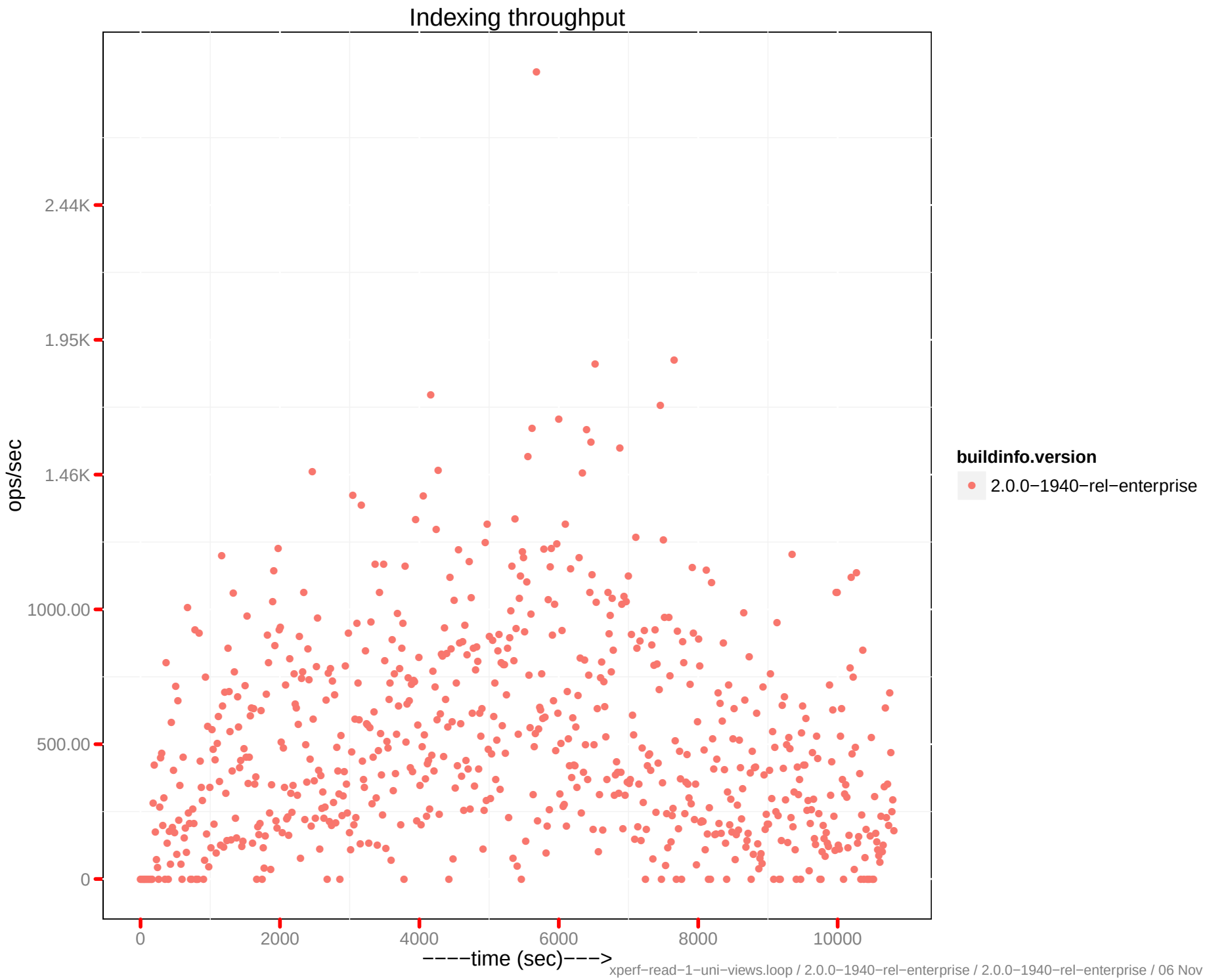

Indexing time − explorer.server.4
1.17K
1000.00
800.00
600.00
400.00
200.00
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012


Indexing time (0−5 sec) − explorer.server.1
Seconds
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012


Indexing time (0−5 sec) − explorer.server.2
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012


Indexing time (0−5 sec) − explorer.server.3
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012


Indexing time (0−5 sec) − explorer.server.4
Seconds
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012


Indexing throughput
ops/sec
2.44K
1.95K
1.46K
1000.00
500.00
0
0
2000
4000
6000
8000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1940−rel−enterprise
xperf−read−1−uni−views.loop / 2.0.0−1940−rel−enterprise / 2.0.0−1940−rel−enterprise / 06 Nov 2012

```
xperf-read-1-uni-views.conf
# XPERF test with views:
# 8K ops/sec (background, cluster-wide)
# READ ONLY
# 16 clients per cluster
# 10M dataset
# 3 ddocs with [2-2-4] views
# unidirectional
# 1 bucket
# stop after 3 hours

performance.iperf.XVPerfTests.test_vperf_3d_unidir

params:

# general
batch=50
kind=json
mem_quota=16000

# xdcr
xdcr_num_buckets=1

# load phase
items=10000000
hot_init_items=2000000
wait_for_xdc_replication=1

# access phase
ratio_sets=0.0
ratio_misses=0.025
ratio_creates=0.0
ratio_deletes=0.0
ratio_hot=0.2
ratio_hot_gets=0.95
ratio_hot_sets=0.95
ratio_expirations=0.0
bg_max_ops_per_sec=500
fg_max_ops=8000000000
total_clients=16
time=10800

# 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
```

```
xdcr-4-nodes.ini
[global]
username:root
password:couchbase
port:8091
data_path:/data

[cluster1]
1:nirvana.server.1
2:nirvana.server.2
3:nirvana.server.3
4:nirvana.server.4

[cluster2]
1:explorer.server.1
2:explorer.server.2
3:explorer.server.3
4:explorer.server.4

[servers]
1:nirvana.server.1
# 10.2.2.218, 192.168.164.20
2:nirvana.server.2
# 10.2.2.219, 192.168.164.21
3:nirvana.server.3
# 10.2.2.220, 192.168.164.22
4:nirvana.server.4
# 10.2.2.221, 192.168.164.23
5:explorer.server.1
# 10.2.2.190, 192.168.163.20
6:explorer.server.2
# 10.2.2.191, 192.168.163.21
7:explorer.server.3
# 10.2.2.192, 192.168.163.22
8:explorer.server.4
# 10.2.2.193, 192.168.163.23

[clients]
1:nirvana.client
# 10.2.2.223, 192.168.164.25
2:explorer.client
# 10.2.2.194, 192.168.163.24

[membase]
rest_username:Administrator
rest_password:password
```