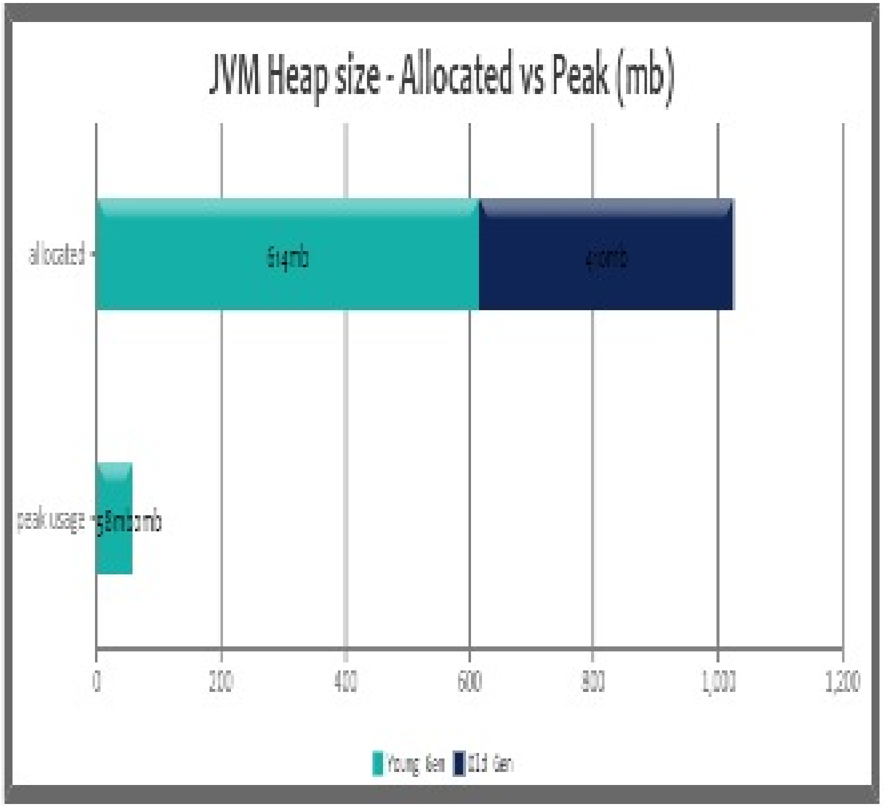
Analysis Report

JVM Heap Size

Generation	Allocated	Peak
Young Generation	614 mb	58 mb
Old Generation	410 mb	n/a
Total	1 gb	57.9 mb



Key Performance Indicators

(Important section of the report. To learn more about KPIs, click here)

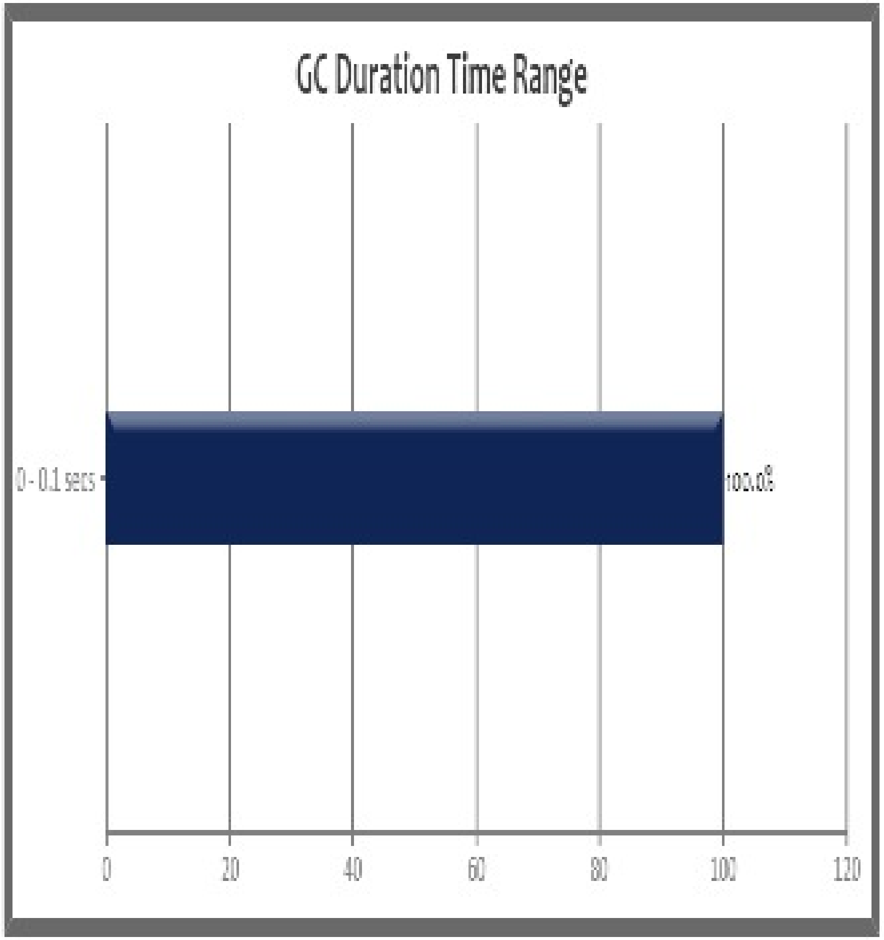
1 Throughput : 99.945%

2 Latency:

Avg Pause GC Time	10 ms
Max Pause GC Time	20 ms

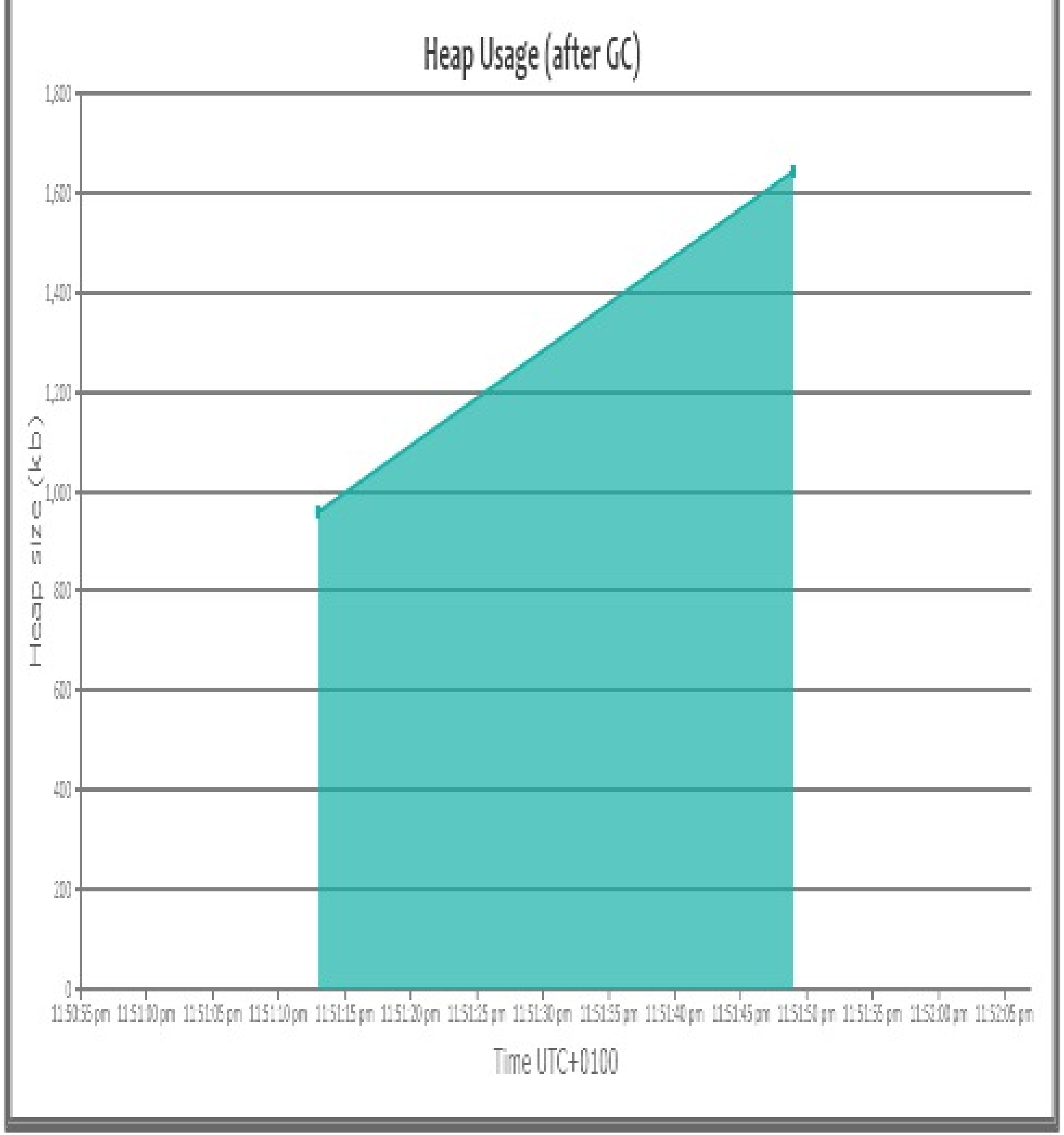
GC **Pause** Duration Time Range :

Duration (secs)	No. of GCs	Percentage
0 - 0.1	1	100.0%

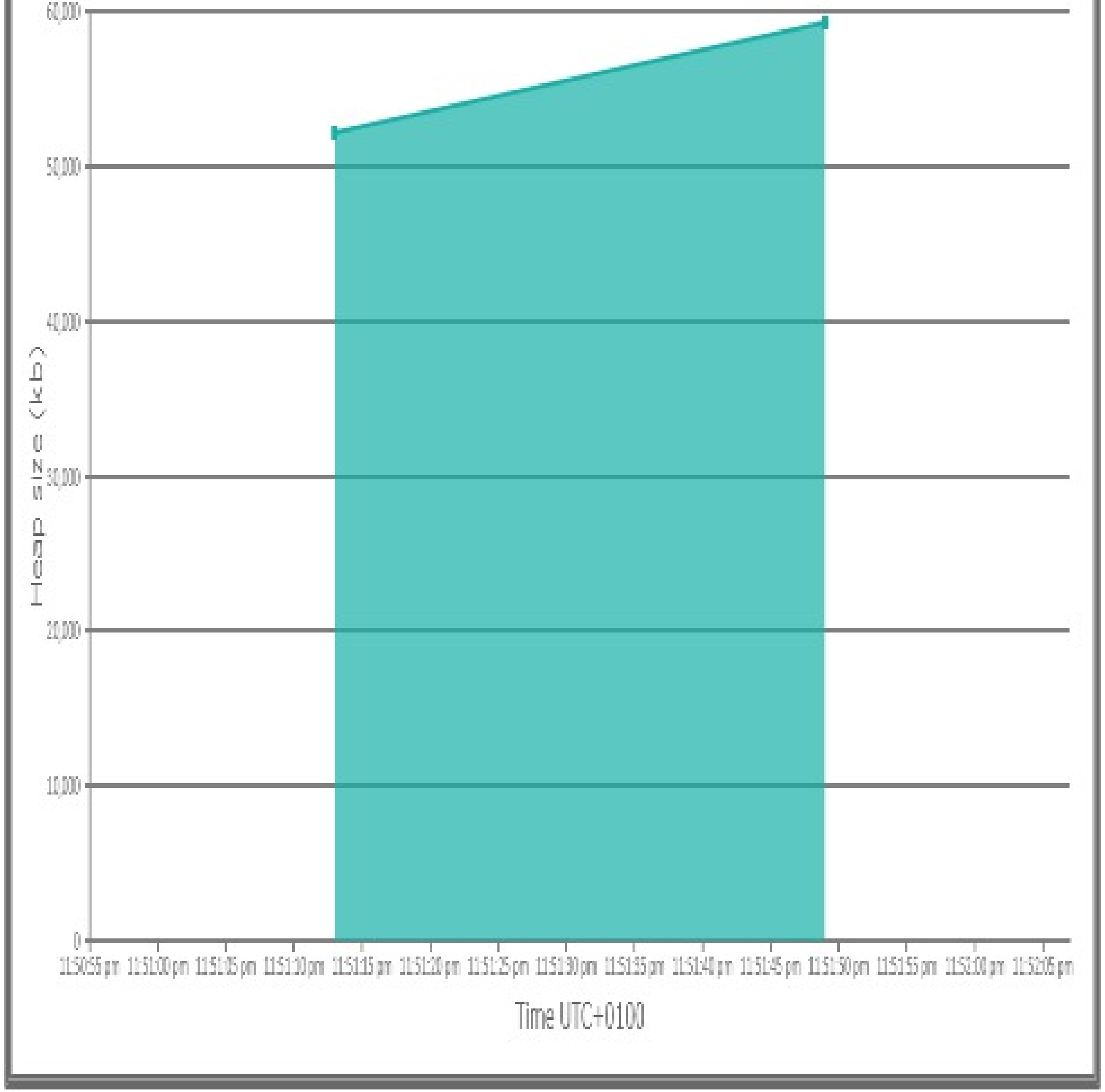


Interactive Graphs

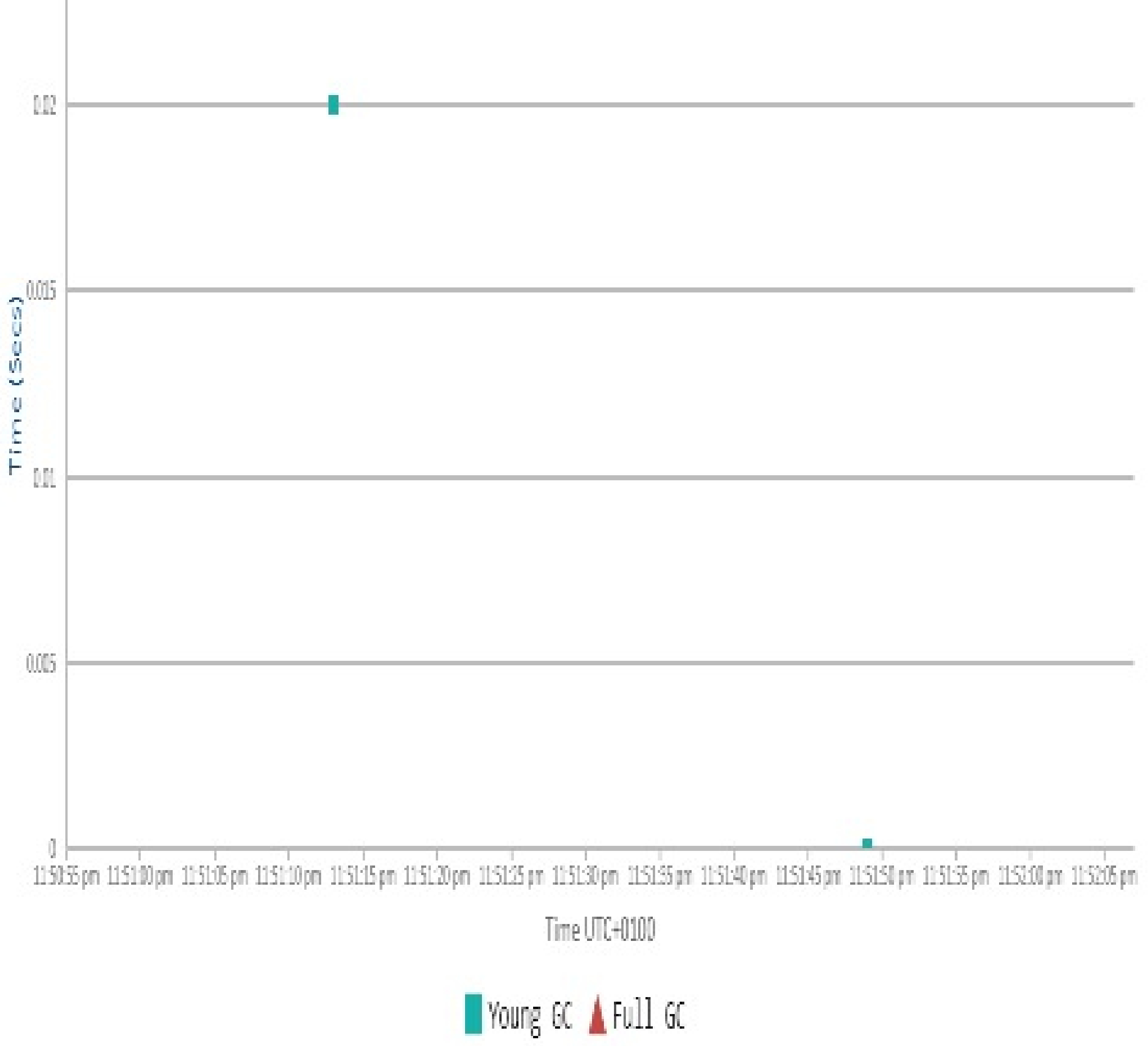
(All graphs are zoomable)



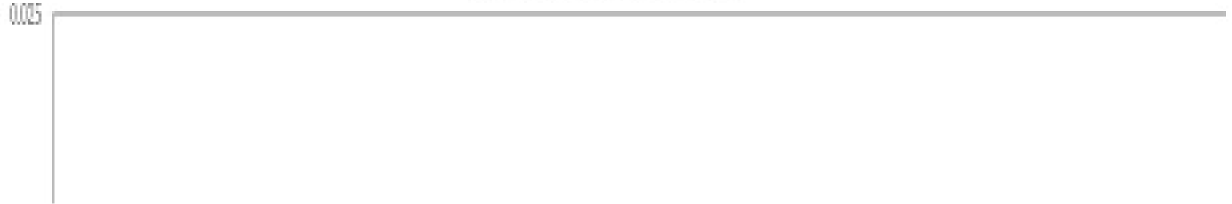
Heap Usage (before GC)

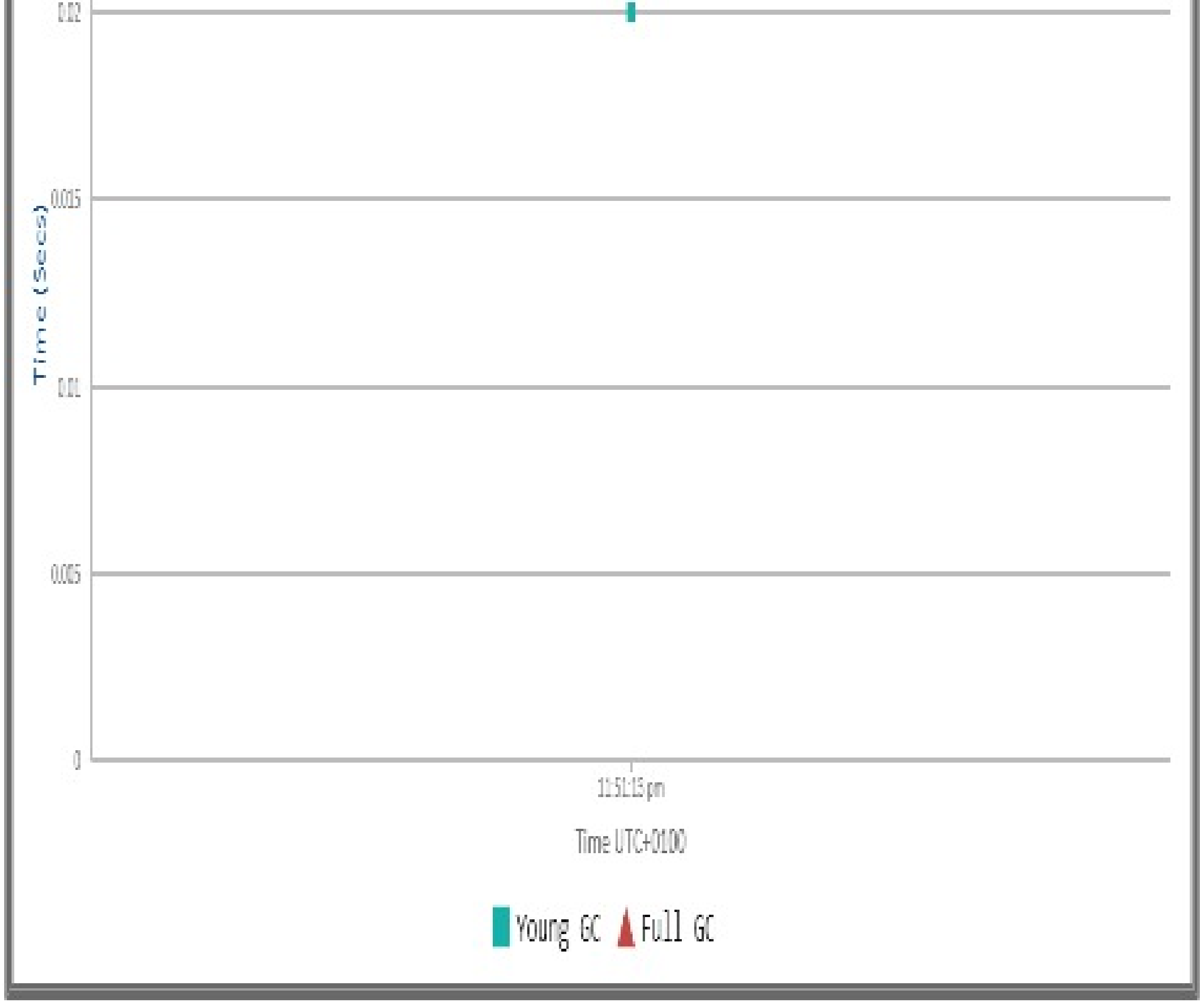

60,000
50,000
40,000
30,000
20,000
10,000
0
Heap size (kb)
11:50:55 pm
11:51:00 pm
11:51:05 pm
11:51:10 pm
11:51:15 pm
11:51:20 pm
11:51:25 pm
11:51:30 pm
11:51:35 pm
11:51:40 pm
11:51:45 pm
11:51:50 pm
11:51:55 pm
11:52:00 pm
11:52:05 pm
Time UTC+0100

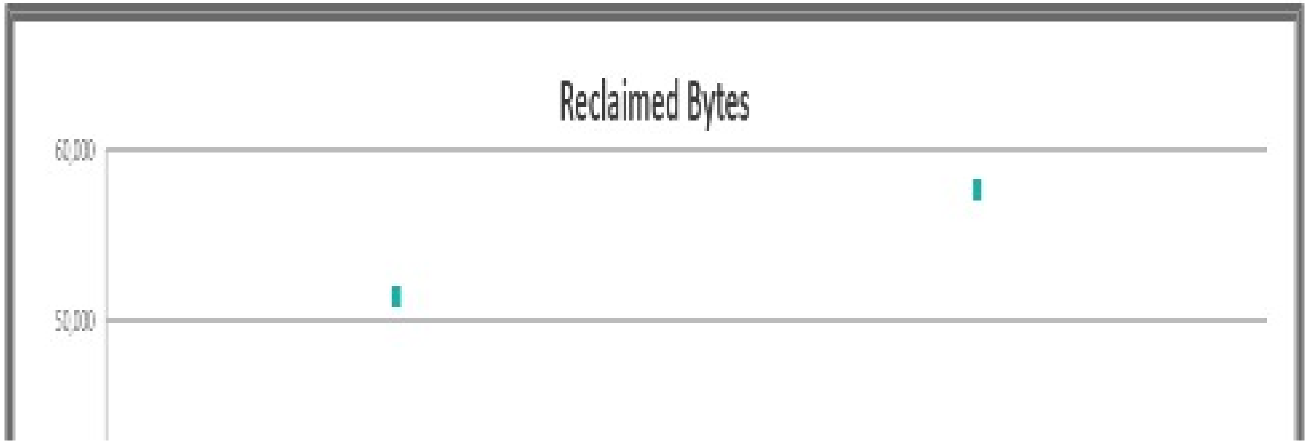
GC Duration Time
0.025



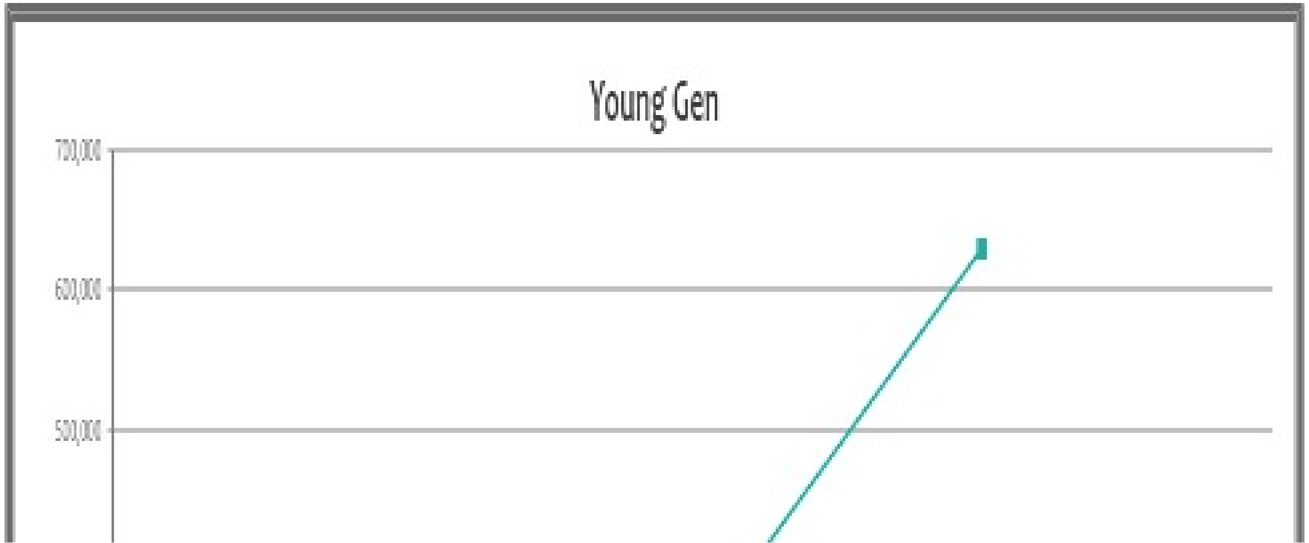
Pause GC Duration Time

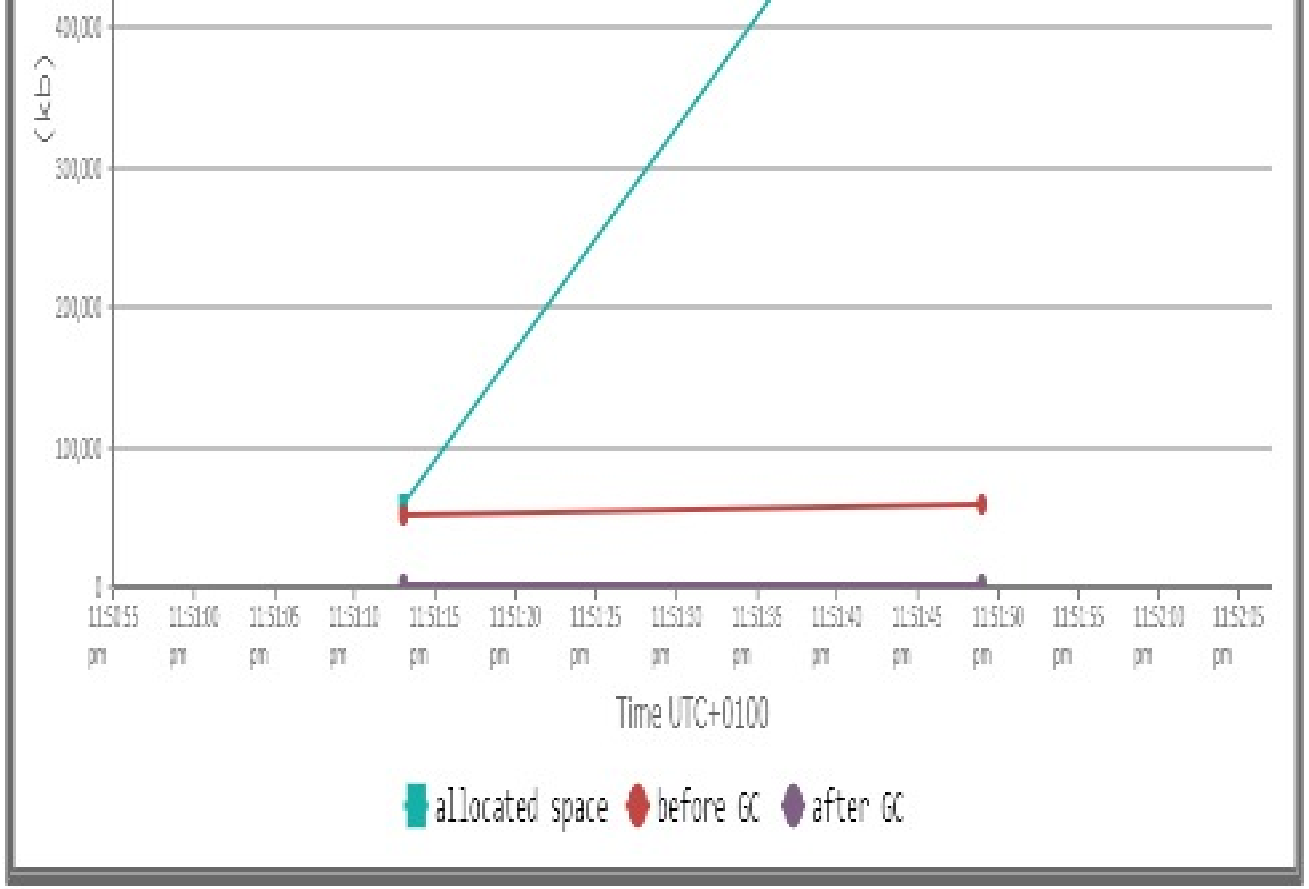


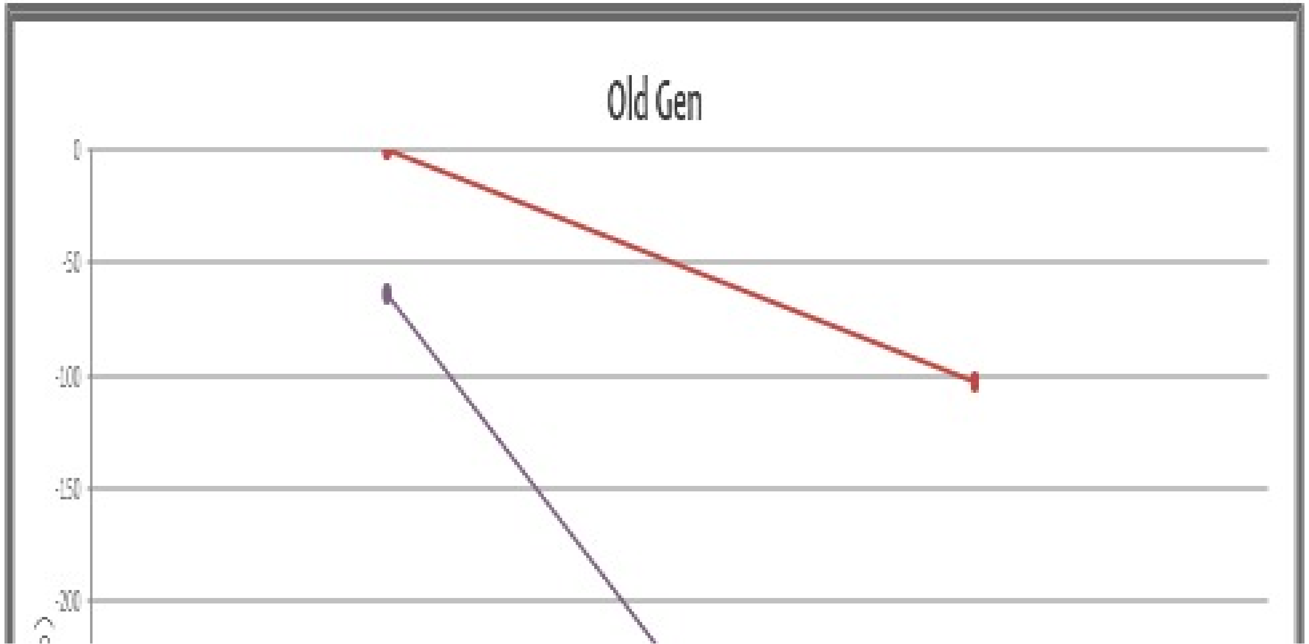

0.02
0.015
0.01
0.005
0
Time (Secs)
11:51:15 pm
Time UTC+01:00
🟩 Young GC
▲ Full GC

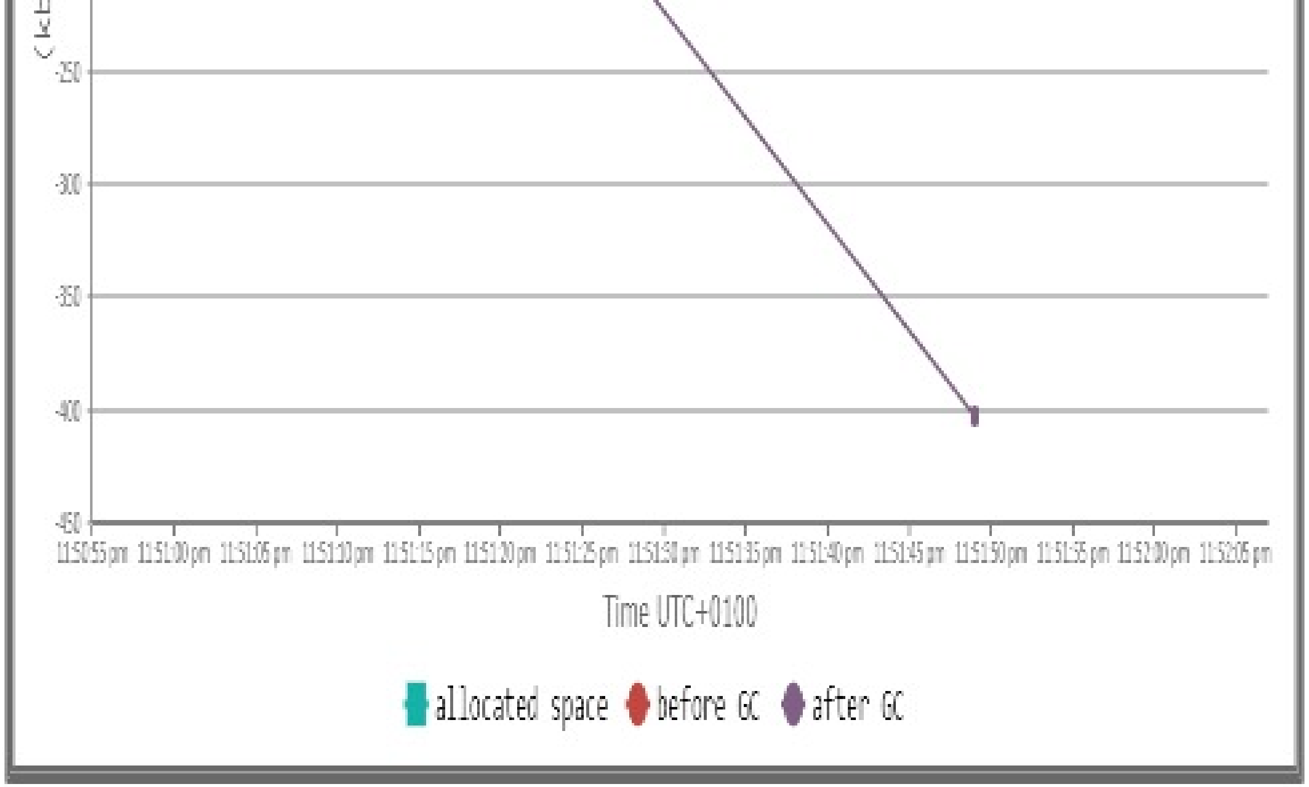

Reclaimed Bytes
60,000
50,000

40,000
(kb)
30,000
20,000
10,000
0
11:50:55 pm
11:51:00 pm
11:51:05 pm
11:51:10 pm
11:51:15 pm
11:51:20 pm
11:51:25 pm
11:51:30 pm
11:51:35 pm
11:51:40 pm
11:51:45 pm
11:51:50 pm
11:51:55 pm
11:52:00 pm
11:52:05 pm
Time UTC+0100
Young GC
Full GC

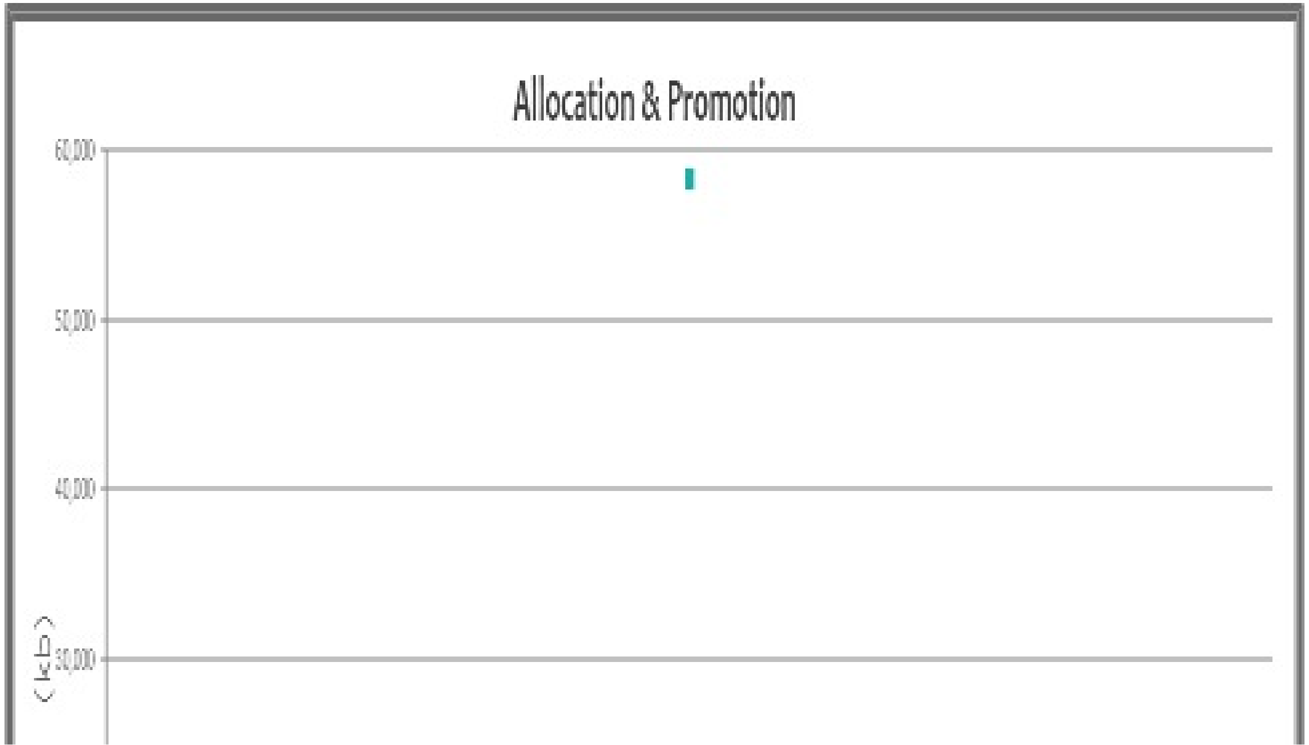

Young Gen
700,000
600,000
500,000


400,000
300,000
200,000
100,000
0
(kb)
11:50:55 pm
11:51:00 pm
11:51:05 pm
11:51:10 pm
11:51:15 pm
11:51:20 pm
11:51:25 pm
11:51:30 pm
11:51:35 pm
11:51:40 pm
11:51:45 pm
11:51:50 pm
11:51:55 pm
11:52:00 pm
11:52:05 pm
Time UTC+0100
allocated space
before GC
after GC

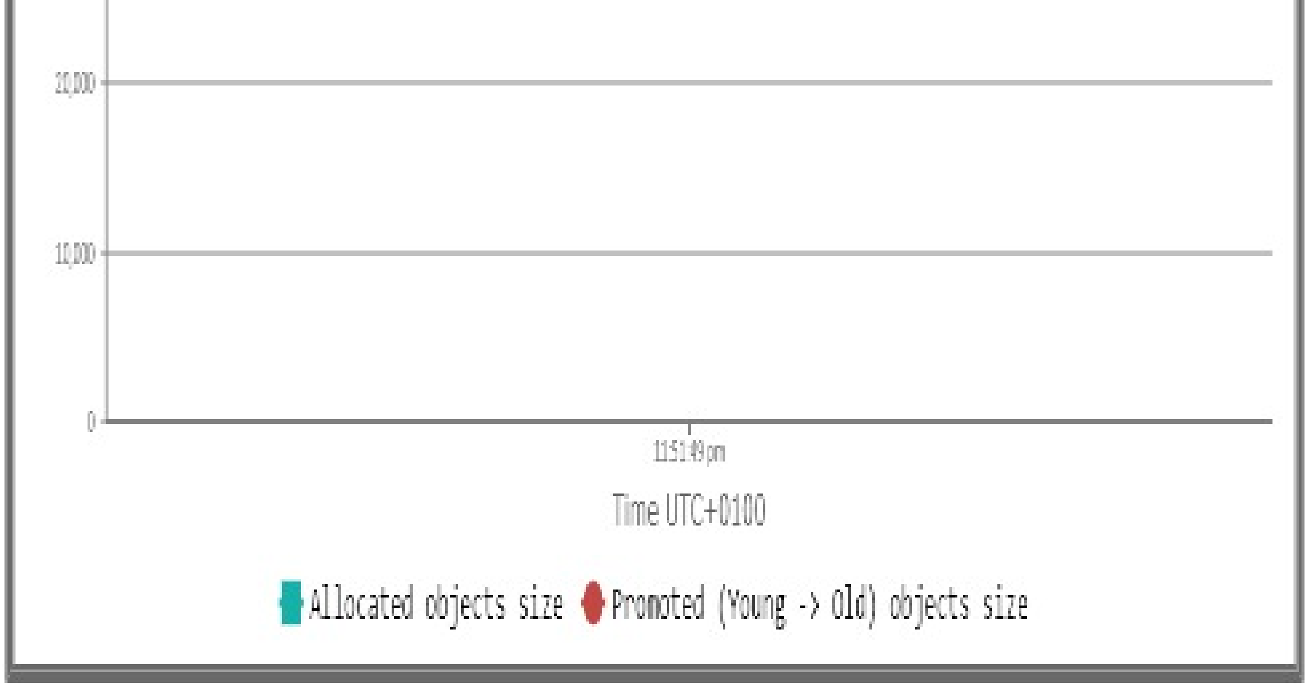

Old Gen
0
-50
-100
-150
-200



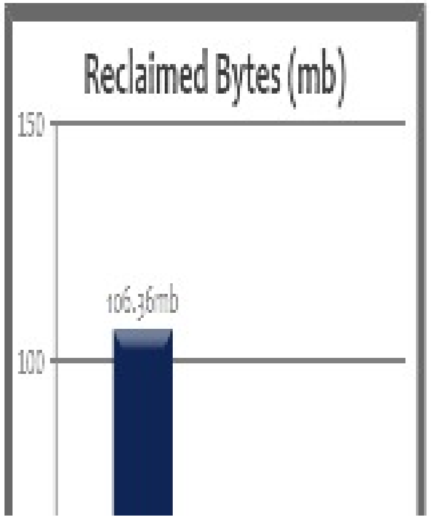
(kB)
-250
-300
-350
-400
-450
11:50:55 pm
11:51:00 pm
11:51:05 pm
11:51:10 pm
11:51:15 pm
11:51:20 pm
11:51:25 pm
11:51:30 pm
11:51:35 pm
11:51:40 pm
11:51:45 pm
11:51:50 pm
11:51:55 pm
11:52:00 pm
11:52:05 pm
Time UTC+0100
allocated space
before GC
after GC

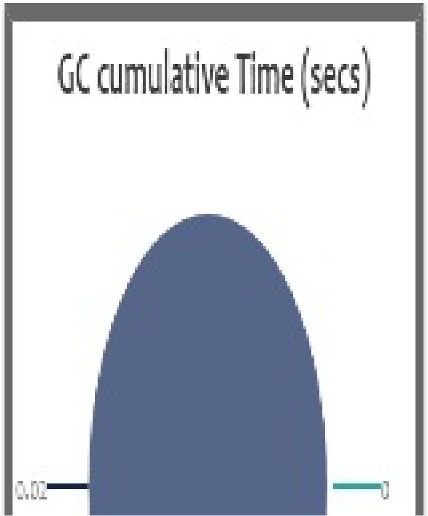


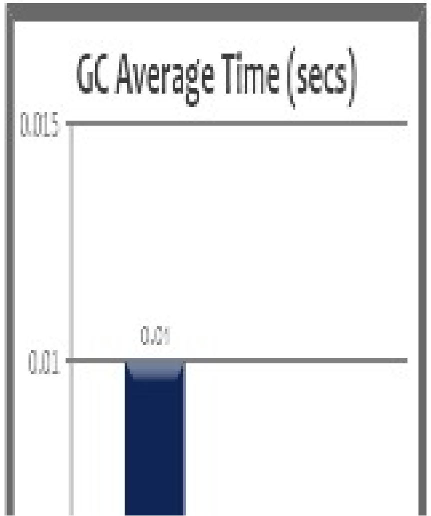
Allocation & Promotion
60,000
50,000
40,000
30,000
(kB)

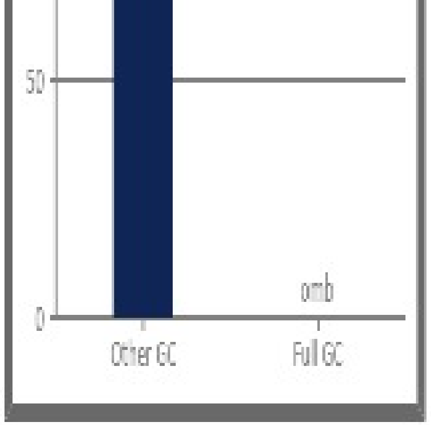


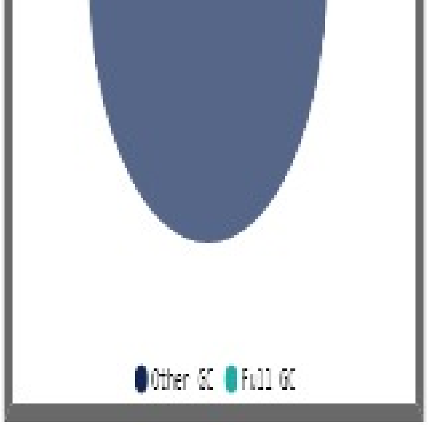
GC Statistics

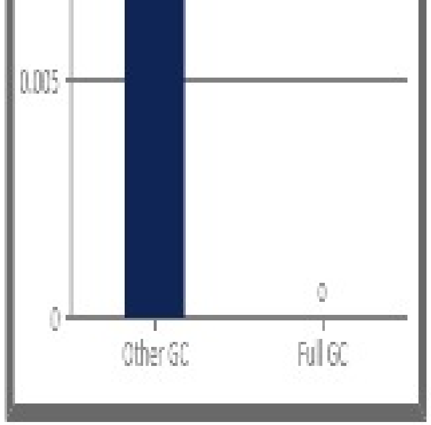

Reclaimed Bytes (mb)


GC cumulative Time (secs)


GC Average Time (secs)







Total GC stats

Total GC count	2
Total reclaimed bytes	n/a
Total GC time	20 ms
Avg GC time	10 ms
GC avg time std dev	10 ms
GC min/max time	0 / 20 ms
GC Interval avg time	36 sec 481 ms

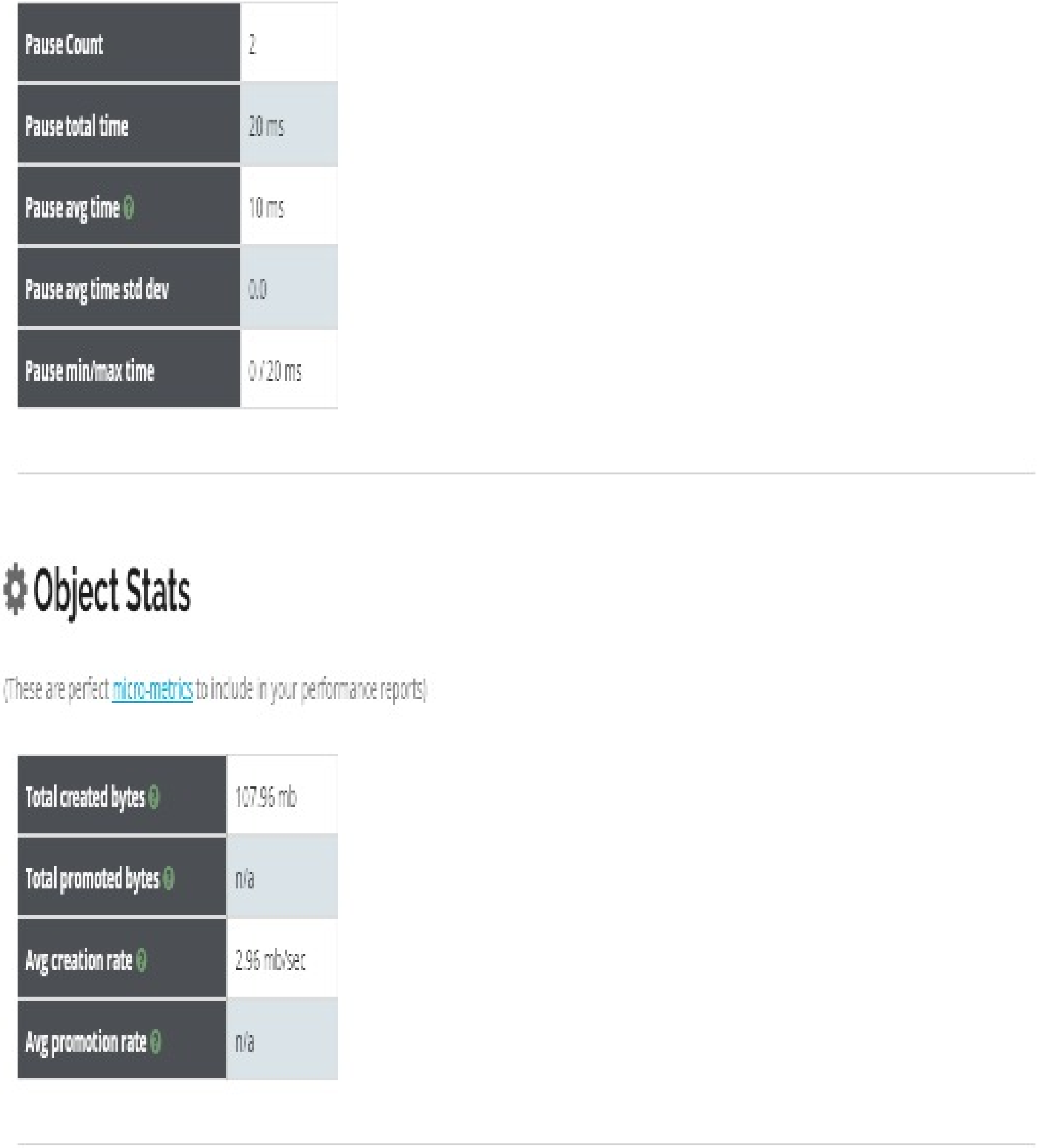
Other GC stats

Minor GC count	2
Minor GC reclaimed	106.36 mb
Minor GC total time	20 ms
Minor GC avg time	10 ms
Minor GC avg time std dev	10 ms
Minor GC min/max time	0 / 20 ms
Minor GC Interval avg	36 sec 481 ms

Full GC stats

Full GC Count	0
Full GC reclaimed	n/a
Full GC total time	n/a
Full GC avg time	n/a
Full GC avg time std dev	n/a
Full GC min/max time	n/a
Full GC Interval avg	n/a

GC Pause Statistics



Pause Count	2
Pause total time	20 ms
Pause avg time	10 ms
Pause avg time std dev	0.0
Pause min/max time	0 / 20 ms

Object Stats

(These are perfect micro-metrics to include in your performance reports)

Total created bytes	107.96 mb
Total promoted bytes	n/a
Avg creation rate	2.96 mb/sec
Avg promotion rate	n/a

Memory Leak ?

No major memory leaks.

(**Note:** there are 8 flavours of OutOfMemoryErrors. With GC Logs you can diagnose only 5 flavours of them(Java heap space, GC overhead limit exceeded, Requested array size exceeds VM limit, Permgen space, Metaspace). So in other words, your application could be still suffering from memory leaks, but need other tools to diagnose them, not just GC Logs.)

Consecutive Full GC ?

None.

Long Pause ?

None.

Safe Point Duration ?

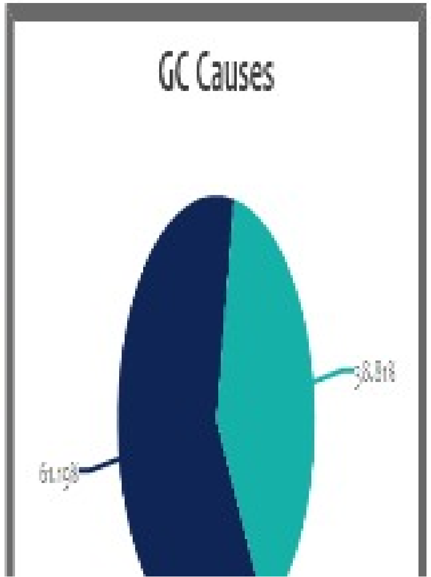
(To learn more about SafePoint duration, click here)

	Total Time	Avg Time	% of total duration
Total time for which app threads were stopped	0.023 secs	0.003 secs	0.065 %
Time taken to stop app threads	0.001 secs	0.0 secs	0.002 %

GC Causes

(What events caused the GCs, how much time it consumed?)

Cause	Count	Avg Time	Max Time	Total Time	Time %
G1 Evacuation Pause	2	6 ms	10 ms	12 ms	61.19%
Others	n/a	n/a	n/a	8 ms	38.81%
Total	2	n/a	n/a	20 ms	100.0%



Tenuring Summary

Not reported in the log.

Command Line Flags

```
-XX:+DisableExplicitGC -XX:GCLogFileSize=2048000 -XX:InitialHeapSize=1073741824 -XX:MaxHeapSize=1073741824 -XX:NumberOfGCLogFiles=5 -XX:+PrintGC -
XX:+PrintGCApplicationConcurrentTime -XX:+PrintGCApplicationStoppedTime -XX:+PrintGCDateStamps -XX:+PrintGCDetails -XX:+PrintGCTimeStamps -
XX:+UseCompressedClassPointers -XX:+UseCompressedOops -XX:+UseG1GC -XX:+UseGCLogFileRotation -XX:-UseLargePagesIndividualAllocation
```