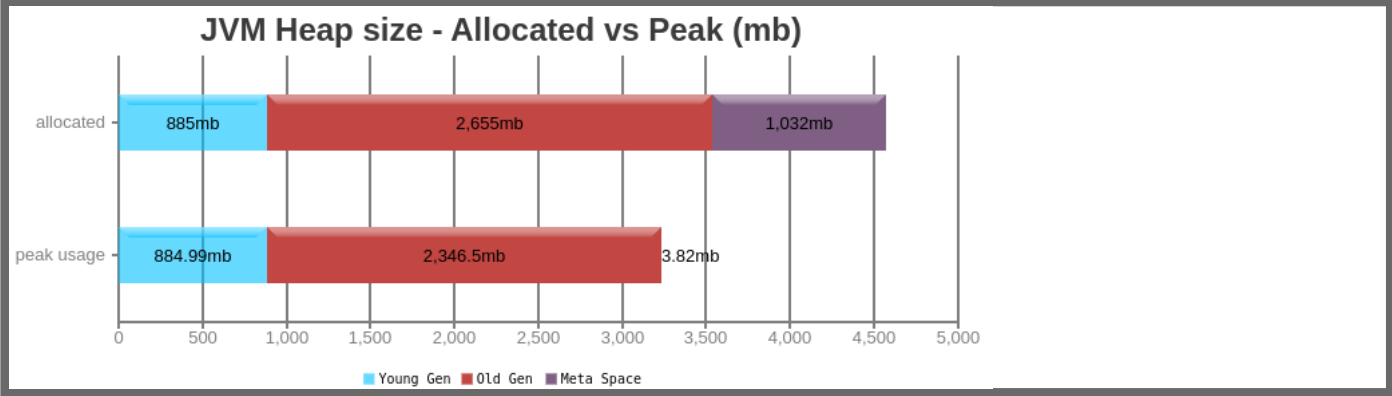


# Analysis Report

## JVM Heap Size

Generation	Allocated ⓘ	Peak ⓘ
Young Generation	885 mb	884.99 mb
Old Generation	2.59 gb	2.29 gb
Meta Space	1.01 gb	3.82 mb
Young + Old + Meta space	4.89 gb	2.74 gb



## Key Performance Indicators

(Important section of the report. To learn more about KPIs, [click here](https://blog.gceasy.io/2016/10/01/garbage-collection-kpi/) (https://blog.gceasy.io/2016/10/01/garbage-collection-kpi/))

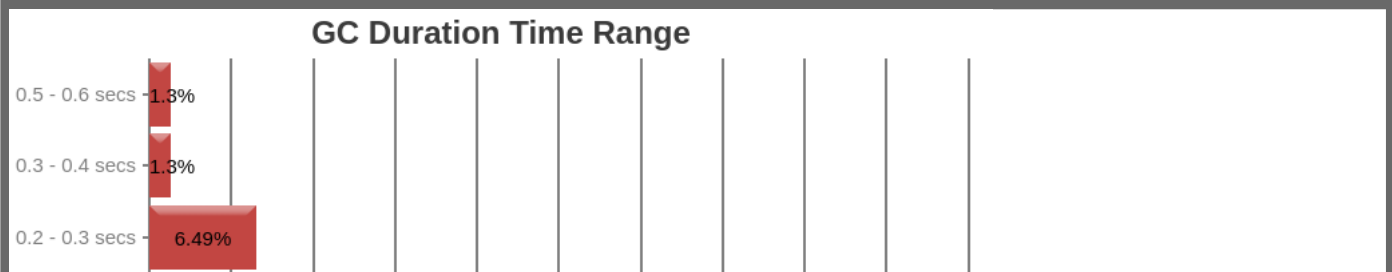
1 Throughput ⓘ : 38.49%

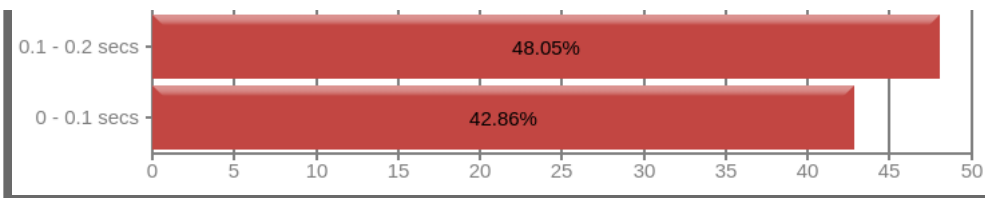
2 Latency:

Avg Pause GC Time ⓘ	130 ms
Max Pause GC Time ⓘ	580 ms

GC Pause Duration Time Range ⓘ:

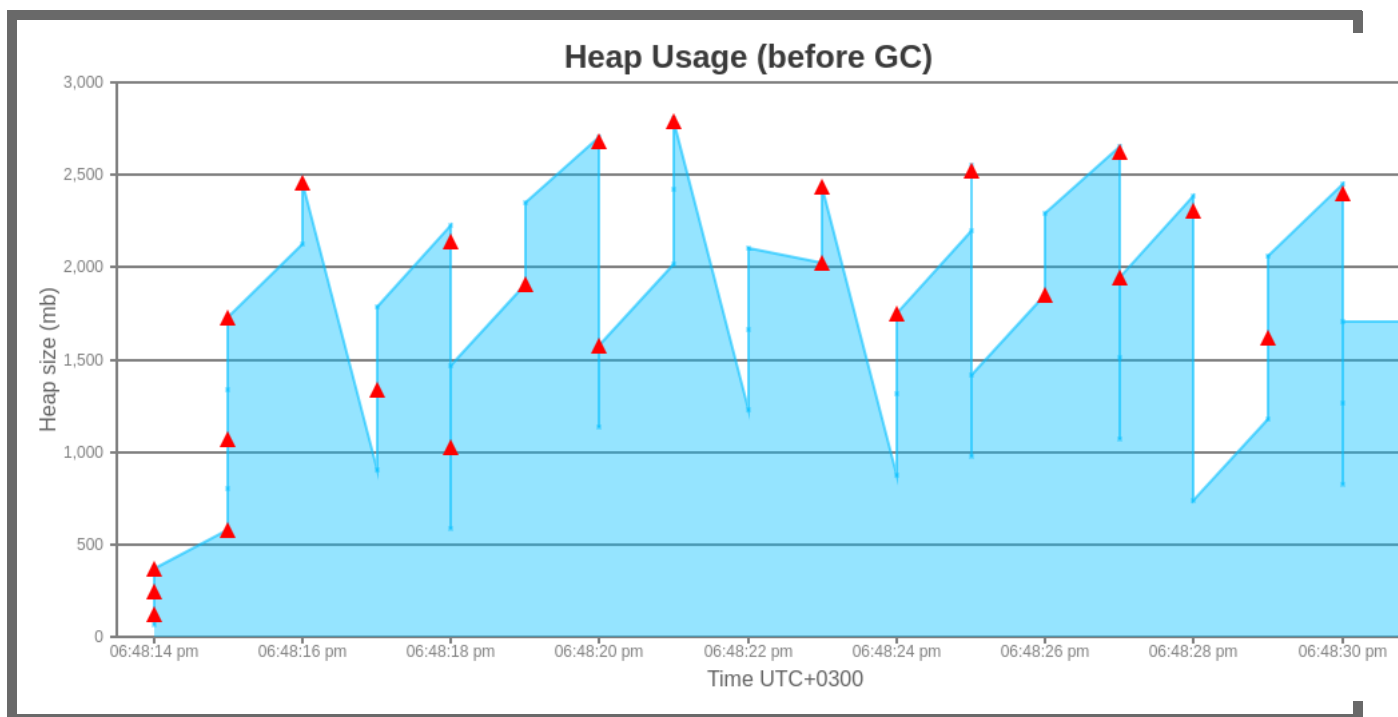
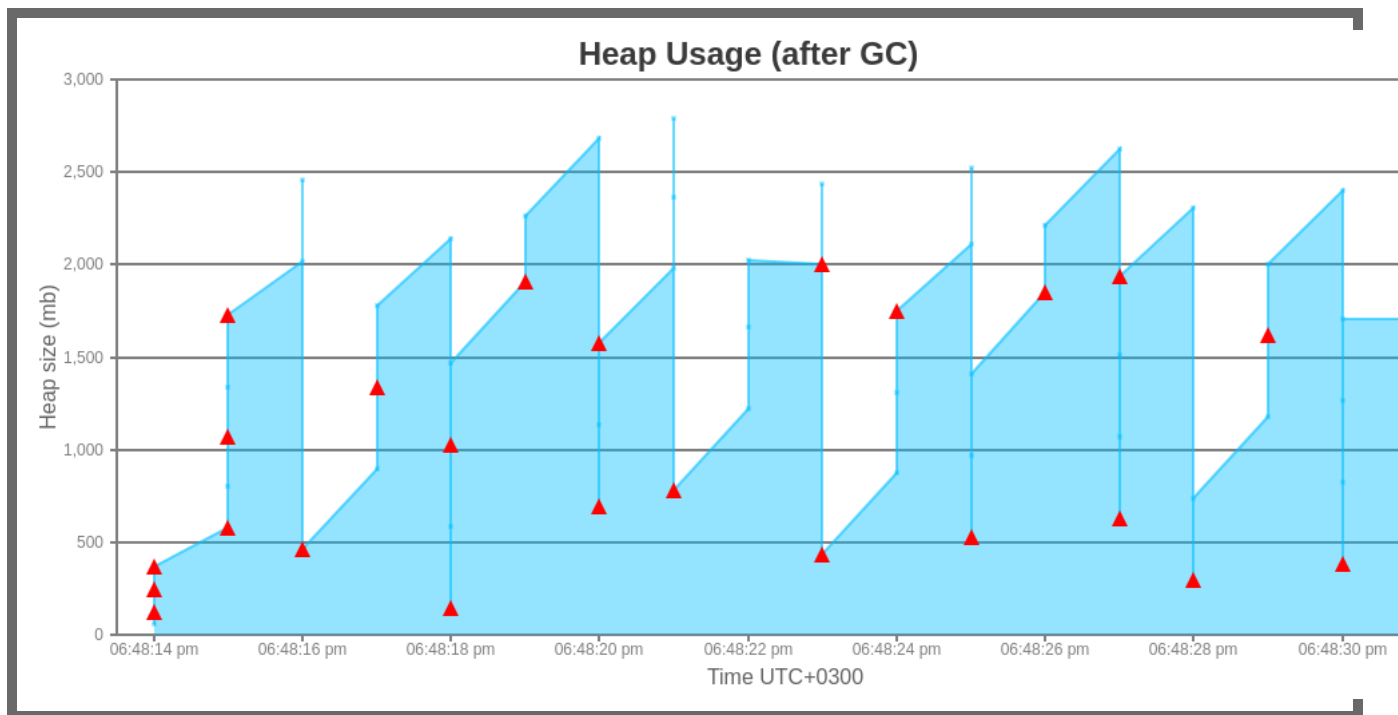
Duration (secs)	No. of GCs	Percentage
0 - 0.1	33	42.857%
0.1 - 0.2	37	90.909%
0.2 - 0.3	5	97.403%
0.3 - 0.4	1	98.701%
0.5 - 0.6	1	100.0%

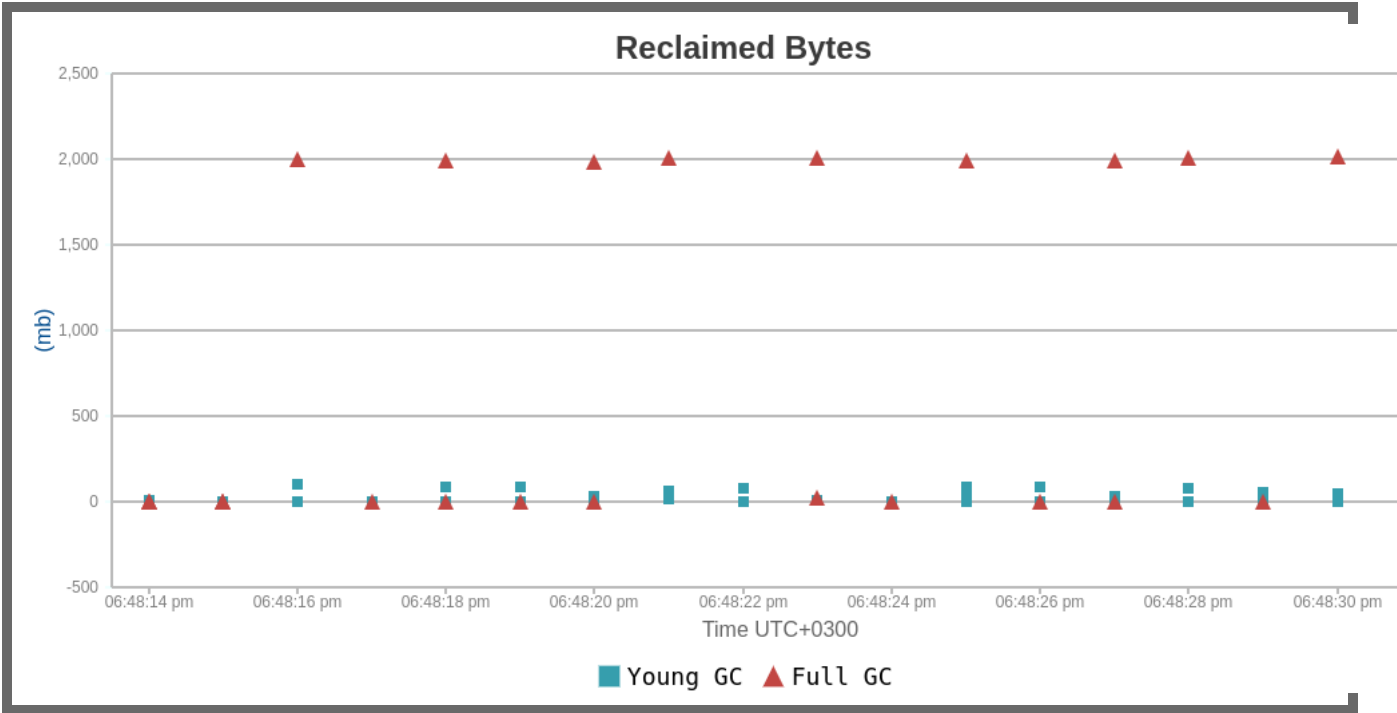
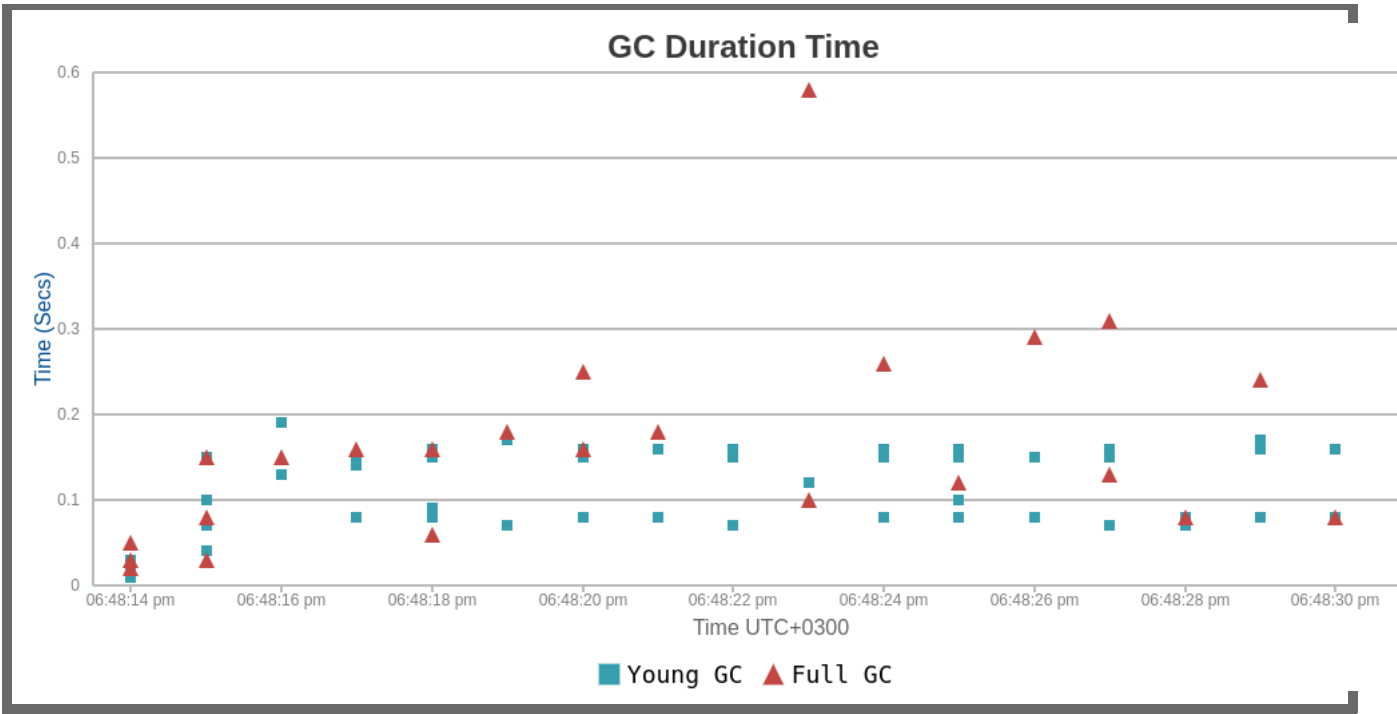




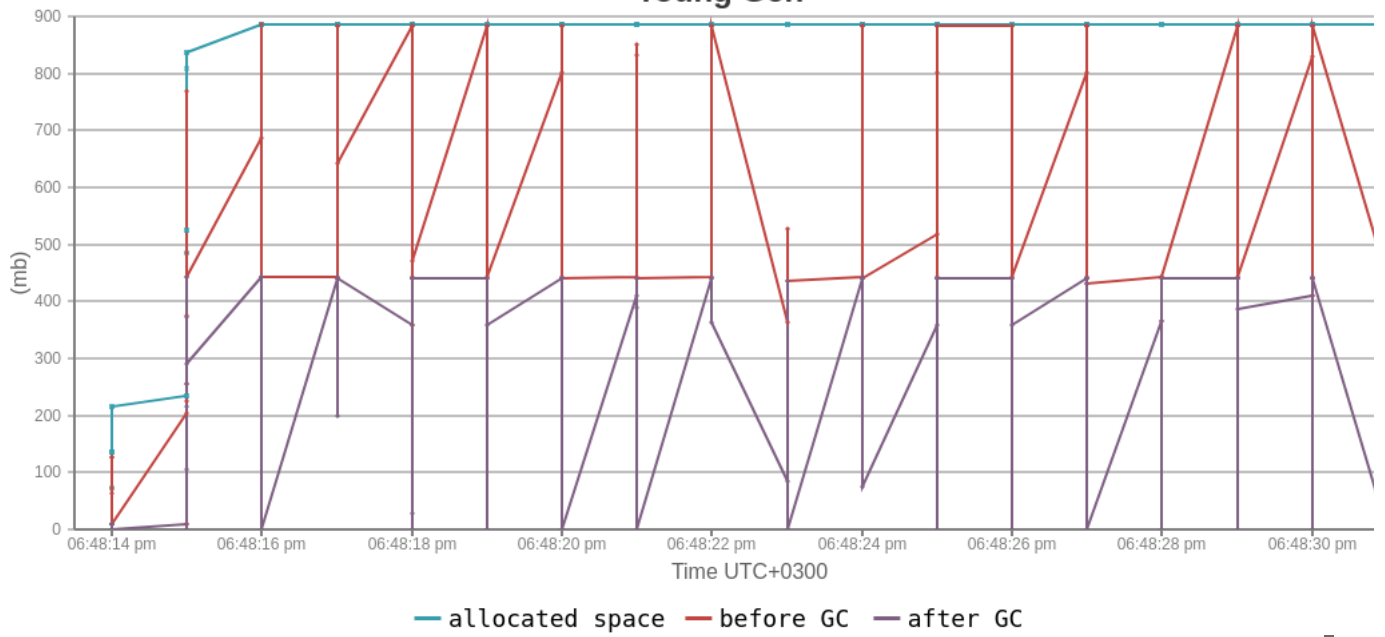
## Interactive Graphs

(All graphs are zoomable)

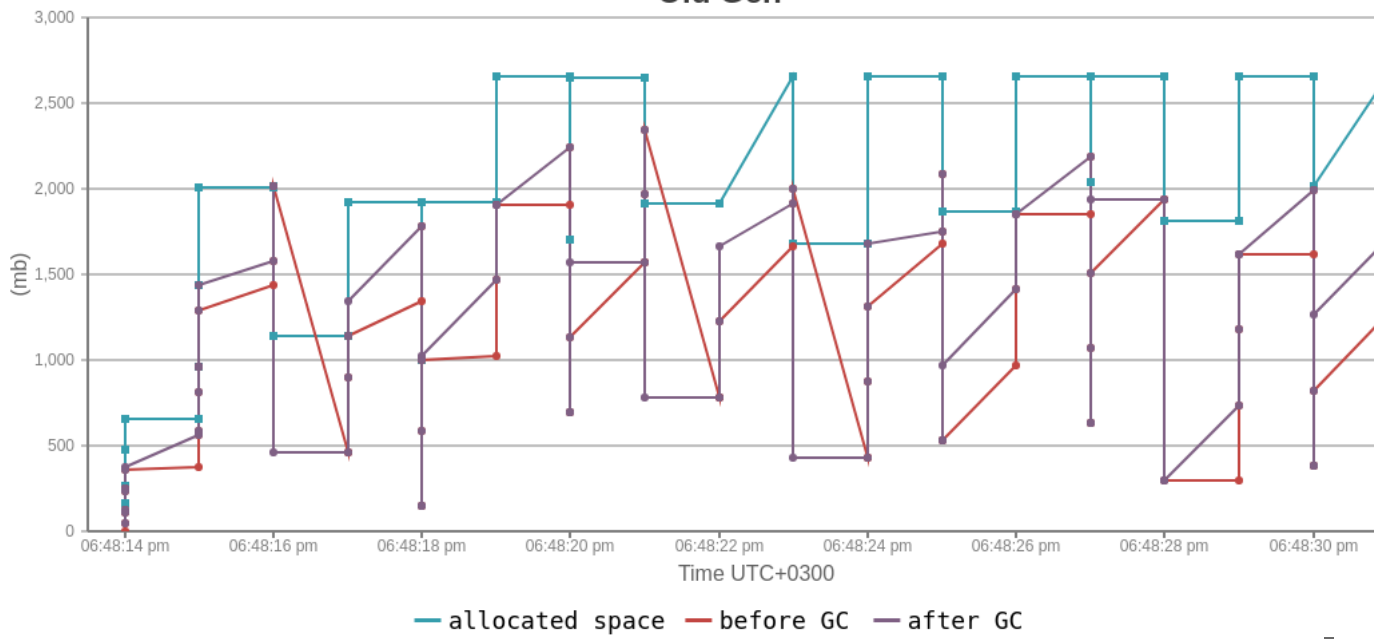


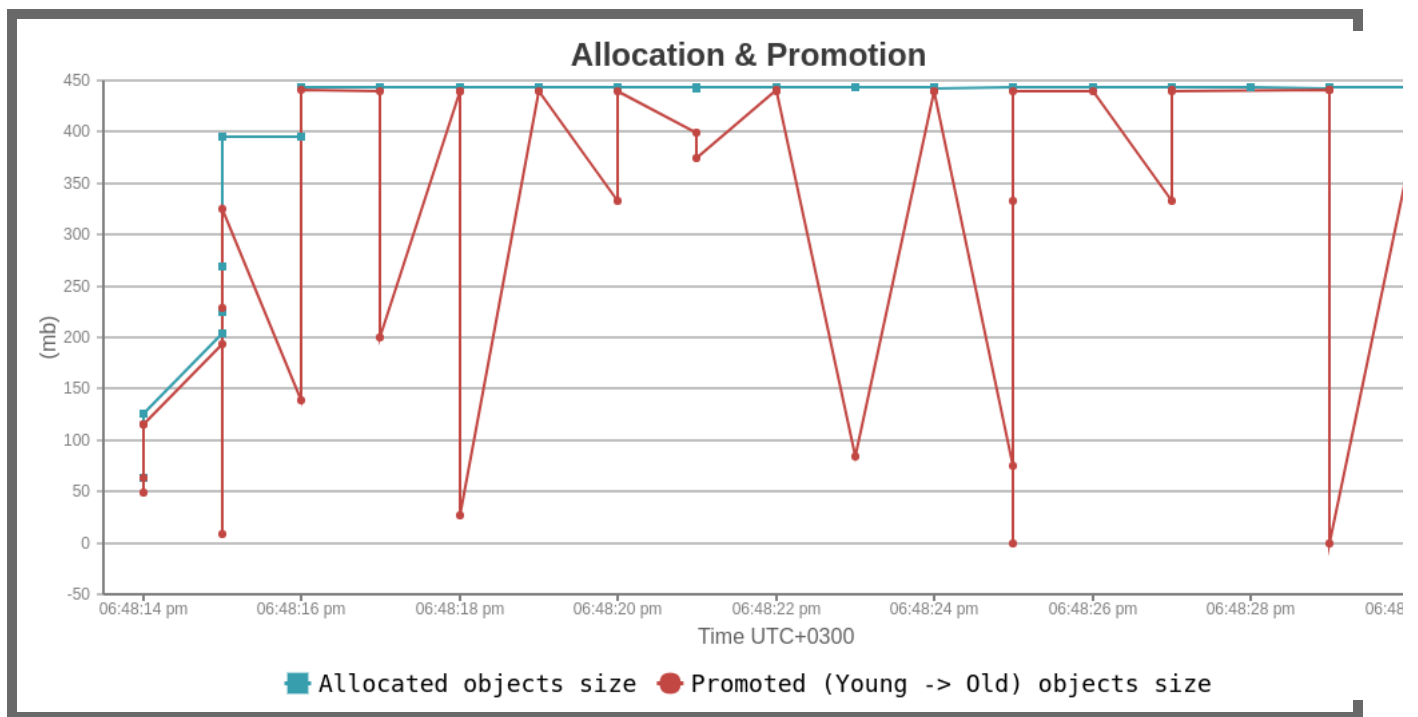
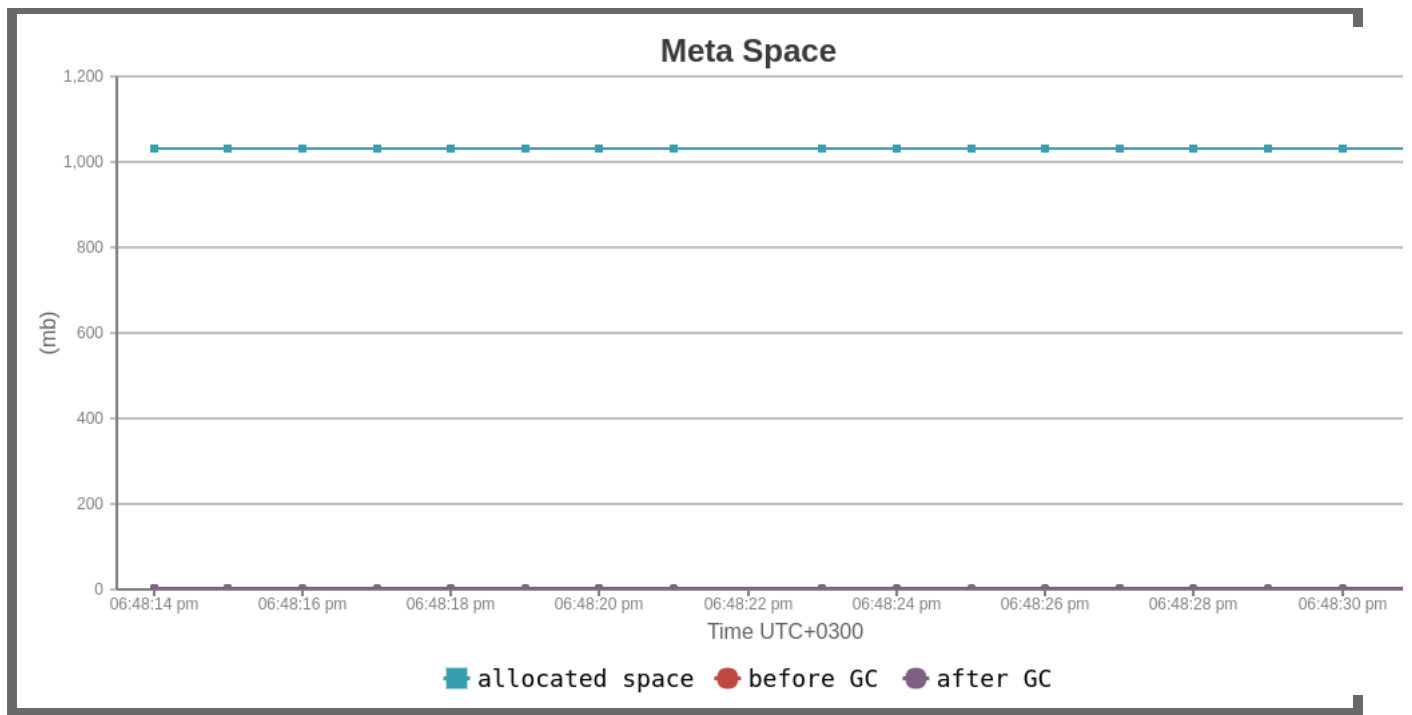


### Young Gen



### Old Gen

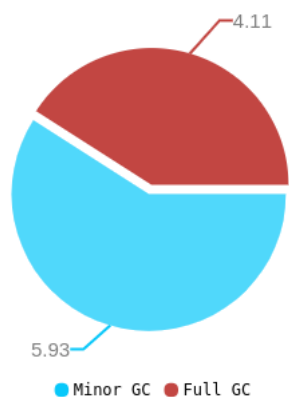




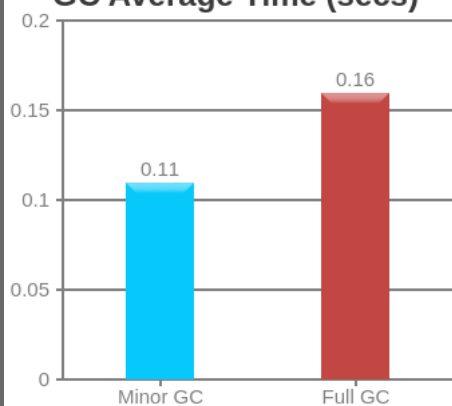
## GC Statistics



### GC cumulative Time (secs)



### GC Average Time (secs)



### Total GC stats

Total GC count	77
Total reclaimed bytes	18.59 gb
Total GC time	10 sec 40 ms
Avg GC time	130 ms
GC avg time std dev	82 ms
GC min/max time	10 ms / 580 ms
GC Interval avg time	214 ms

### Minor GC stats

Minor GC count	52
Minor GC reclaimed	1,009.86 mb
Minor GC total time	5 sec 930 ms
Minor GC avg time	114 ms
Minor GC avg time std dev	48 ms
Minor GC min/max time	10 ms / 190 ms
Minor GC Interval avg	316 ms

## Full GC stats

Full GC Count	25
Full GC reclaimed ⓘ	17.6 gb
Full GC total time	4 sec 110 ms
Full GC avg time ⓘ	164 ms
Full GC avg time std dev	119 ms
Full GC min/max time	20 ms / 580 ms
Full GC Interval avg ⓘ	678 ms

## GC Pause Statistics

Pause Count	77
Pause total time	10 sec 40 ms
Pause avg time ⓘ	130 ms
Pause avg time std dev	0.0
Pause min/max time	10 ms / 580 ms

## ⚙️ Object Stats

(These are perfect [micro-metrics](https://blog.gceasy.io/2017/05/30/improving-your-performance-reports/) (https://blog.gceasy.io/2017/05/30/improving-your-performance-reports/) to include in your performance reports)

Total created bytes ⓘ	20.25 gb
Total promoted bytes ⓘ	11.41 gb
Avg creation rate ⓘ	1.24 gb/sec
Avg promotion rate ⓘ	716.12 mb/sec

## 💧 Memory Leak ⓘ

No major memory leaks.

(**Note:** there are [8 flavours of OutOfMemoryErrors](https://tier1app.files.wordpress.com/2014/12/outofmemoryerror2.pdf) (https://tier1app.files.wordpress.com/2014/12/outofmemoryerror2.pdf). 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.