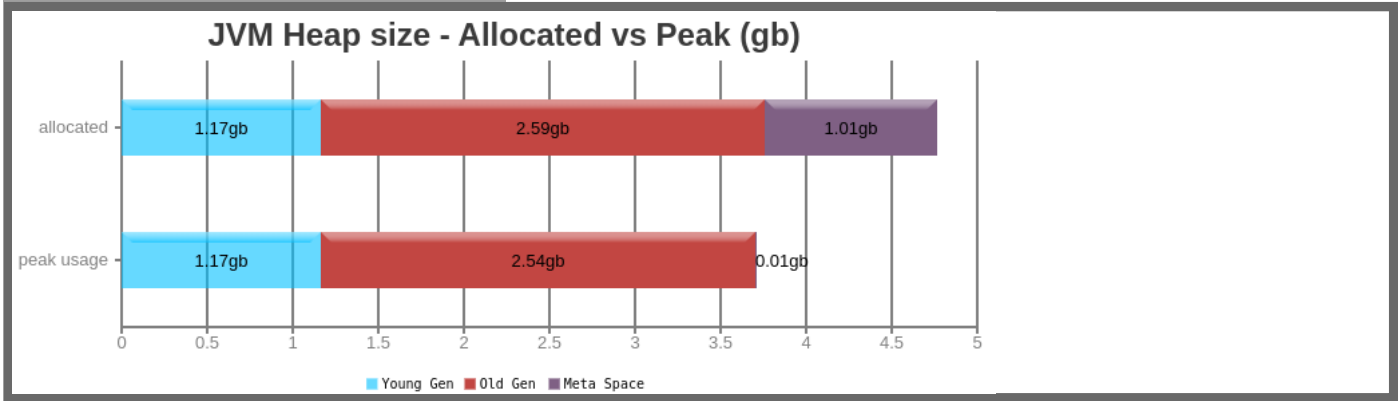


# Analysis Report

## JVM Heap Size

Generation	Allocated ⓘ	Peak ⓘ
Young Generation	1.17 gb	1.17 gb
Old Generation	2.59 gb	2.54 gb
Meta Space	1.01 gb	8.03 mb
Young + Old + Meta space	4.89 gb	3.71 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/))

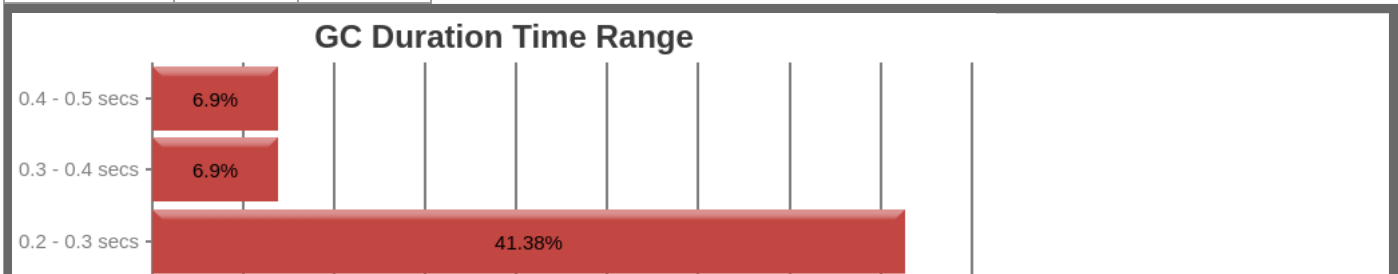
1 Throughput ⓘ : 55.461%

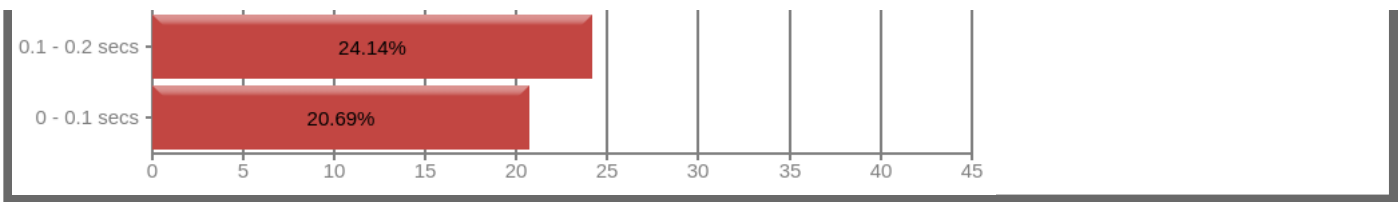
2 Latency:

Avg Pause GC Time ⓘ	208 ms
Max Pause GC Time ⓘ	430 ms

GC Pause Duration Time Range ⓘ:

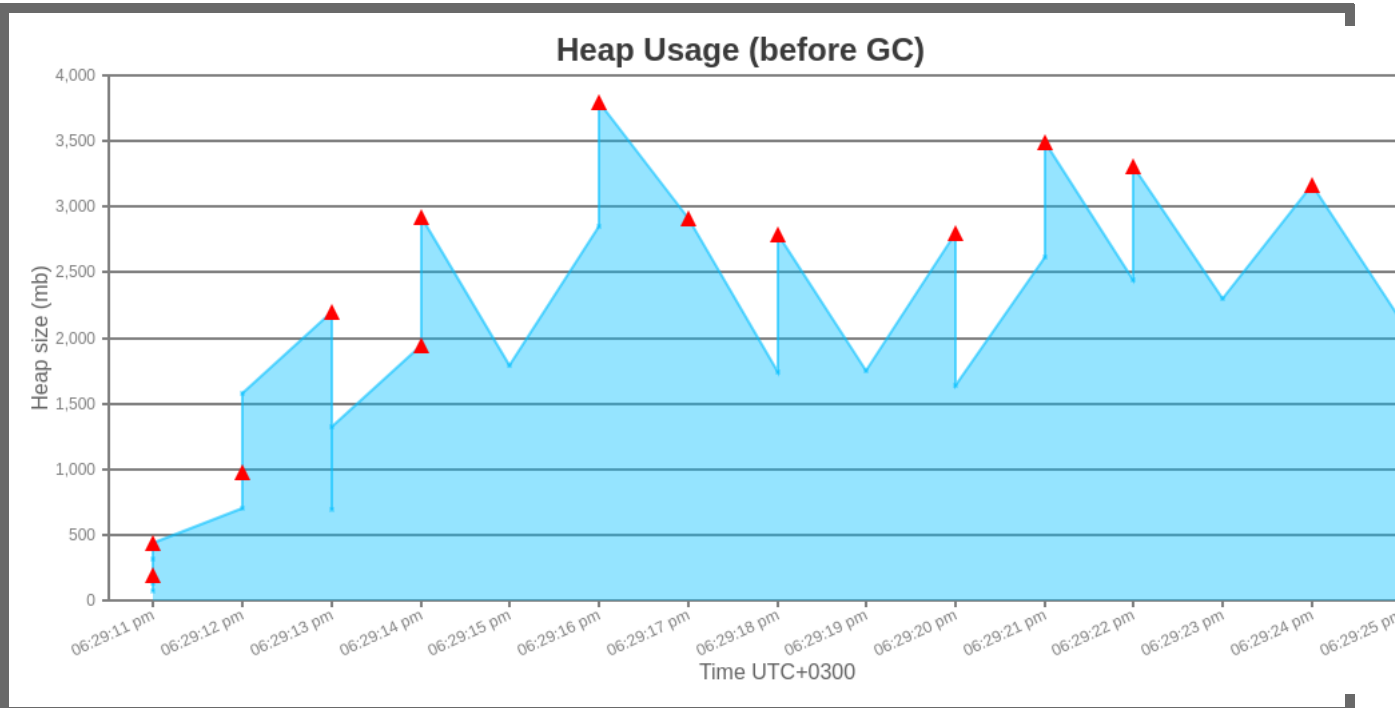
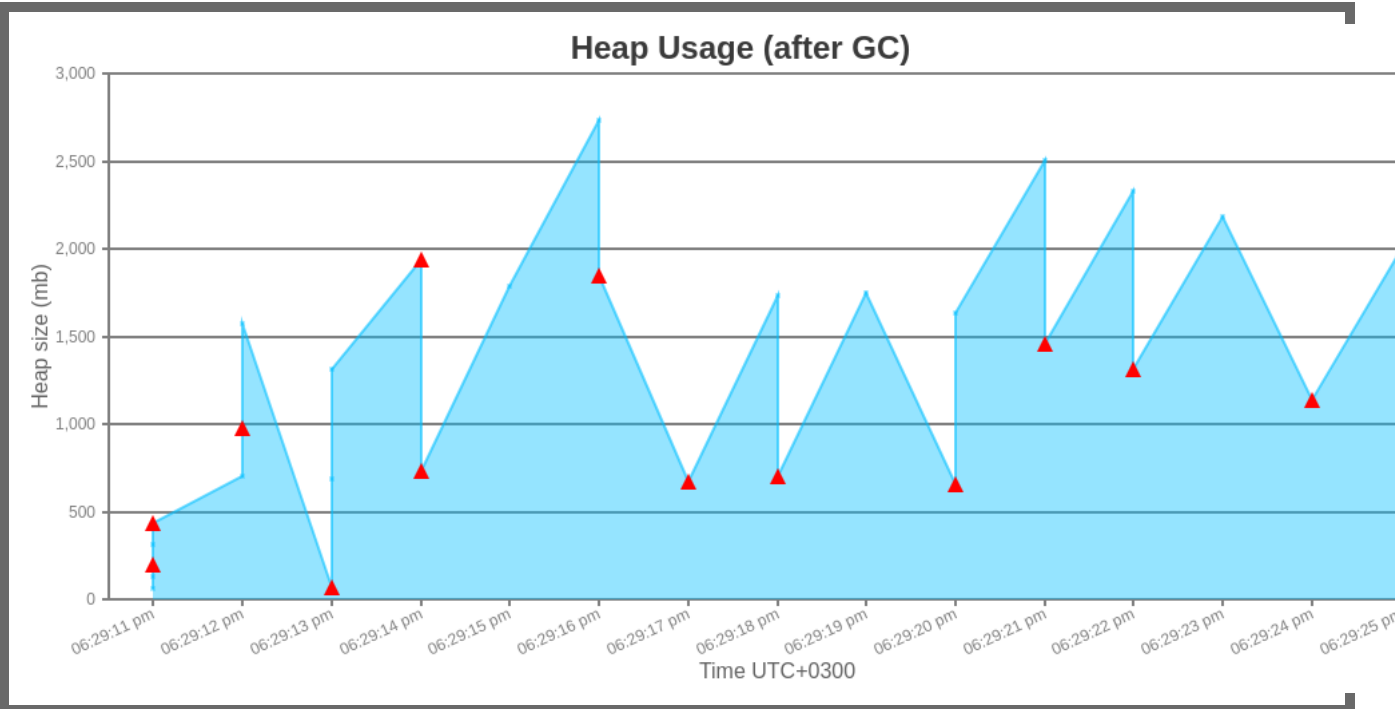
Duration (secs)	No. of GCs	Percentage
0 - 0.1	6	20.69%
0.1 - 0.2	7	44.828%
0.2 - 0.3	12	86.207%
0.3 - 0.4	2	93.103%
0.4 - 0.5	2	100.0%

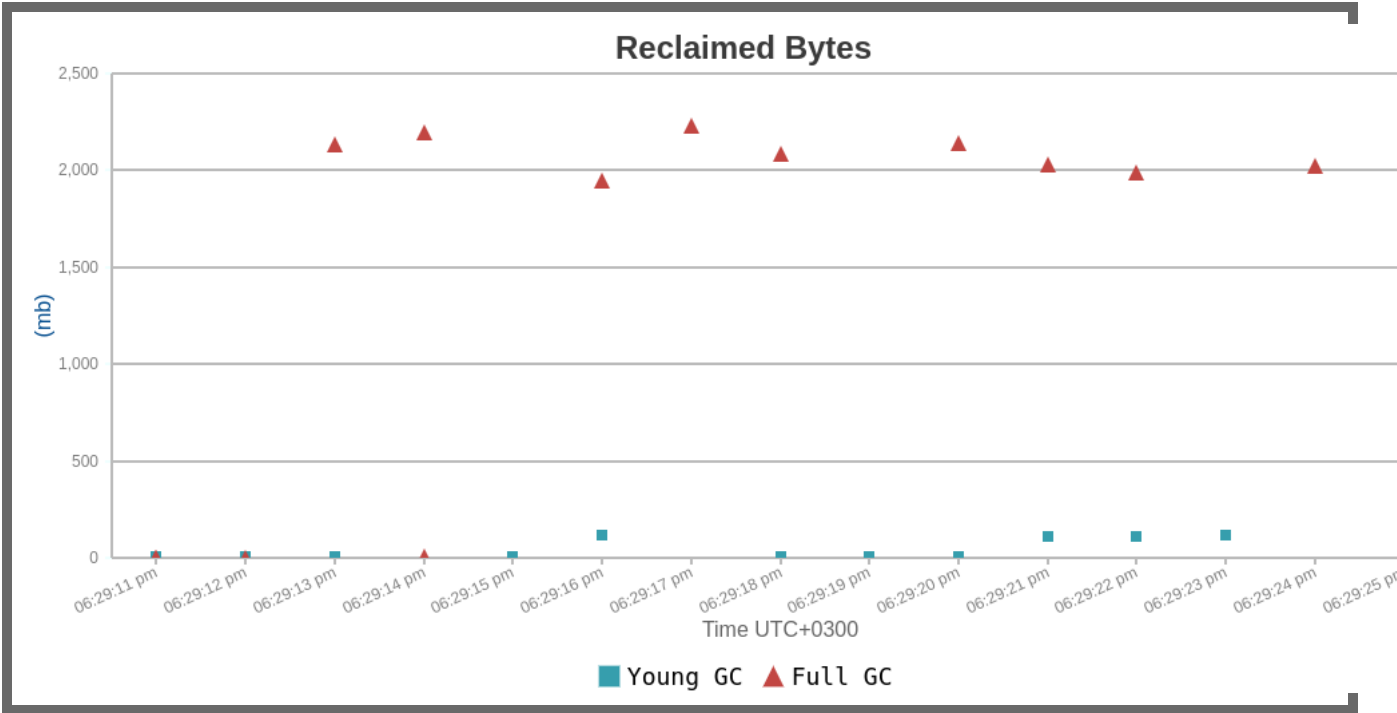
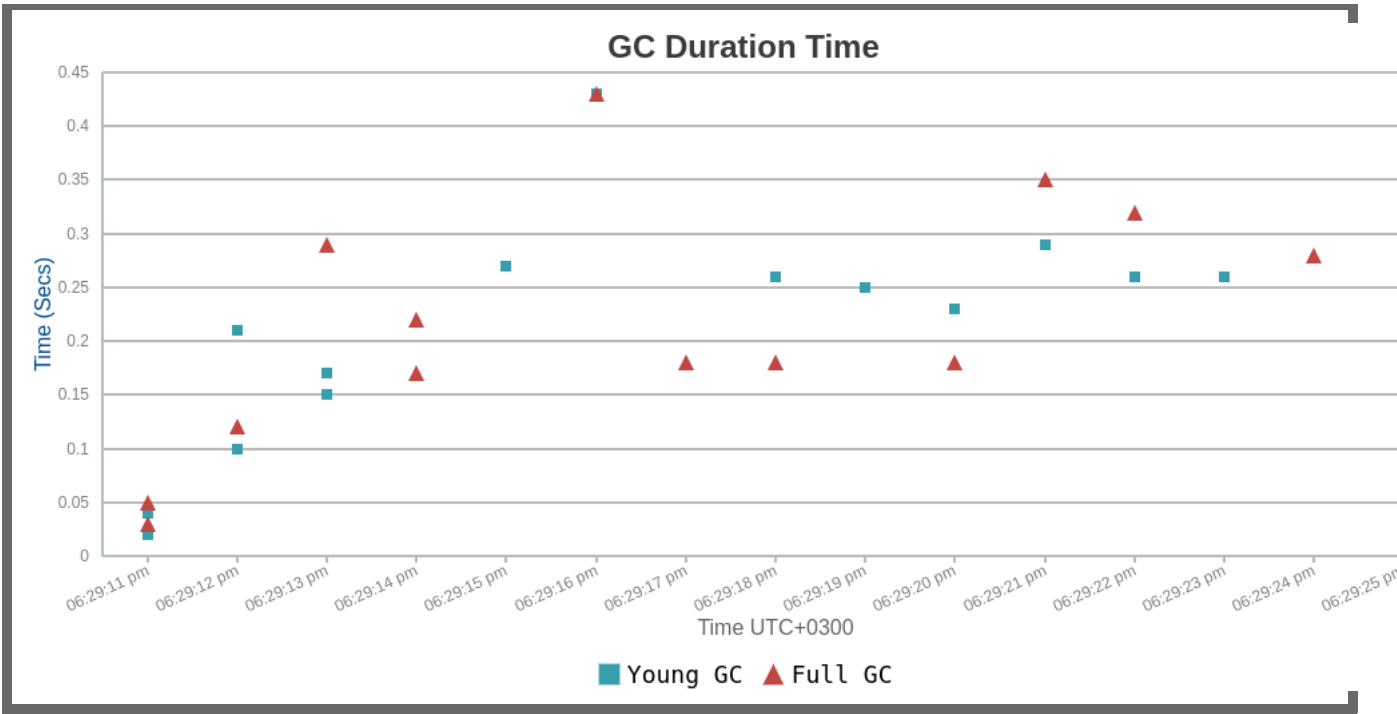


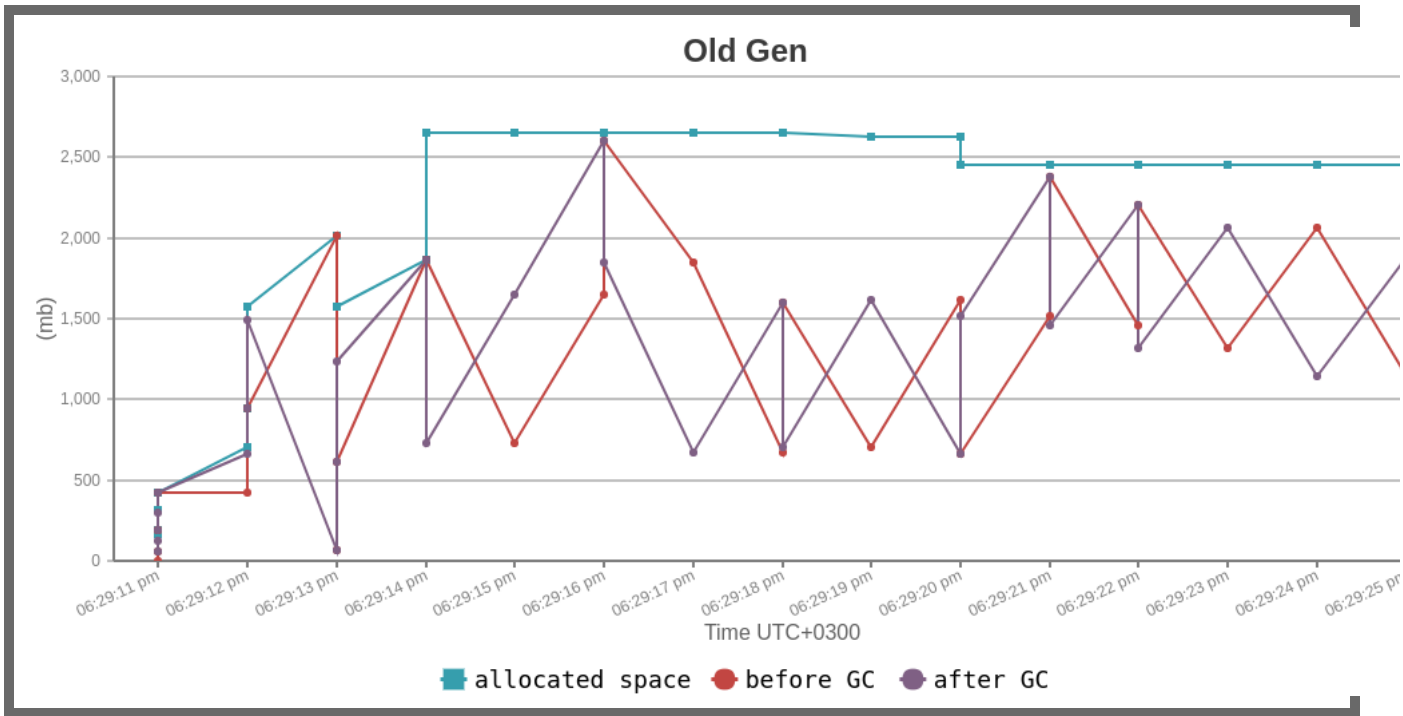
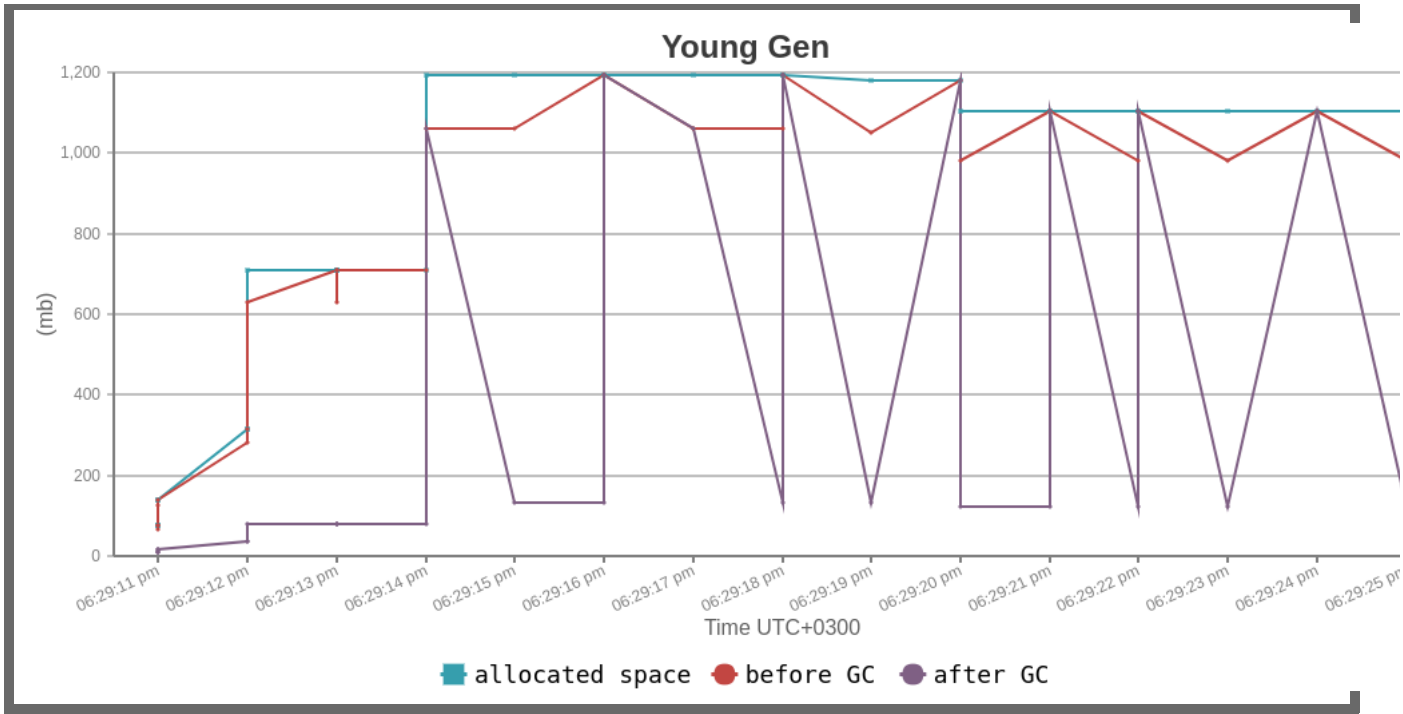


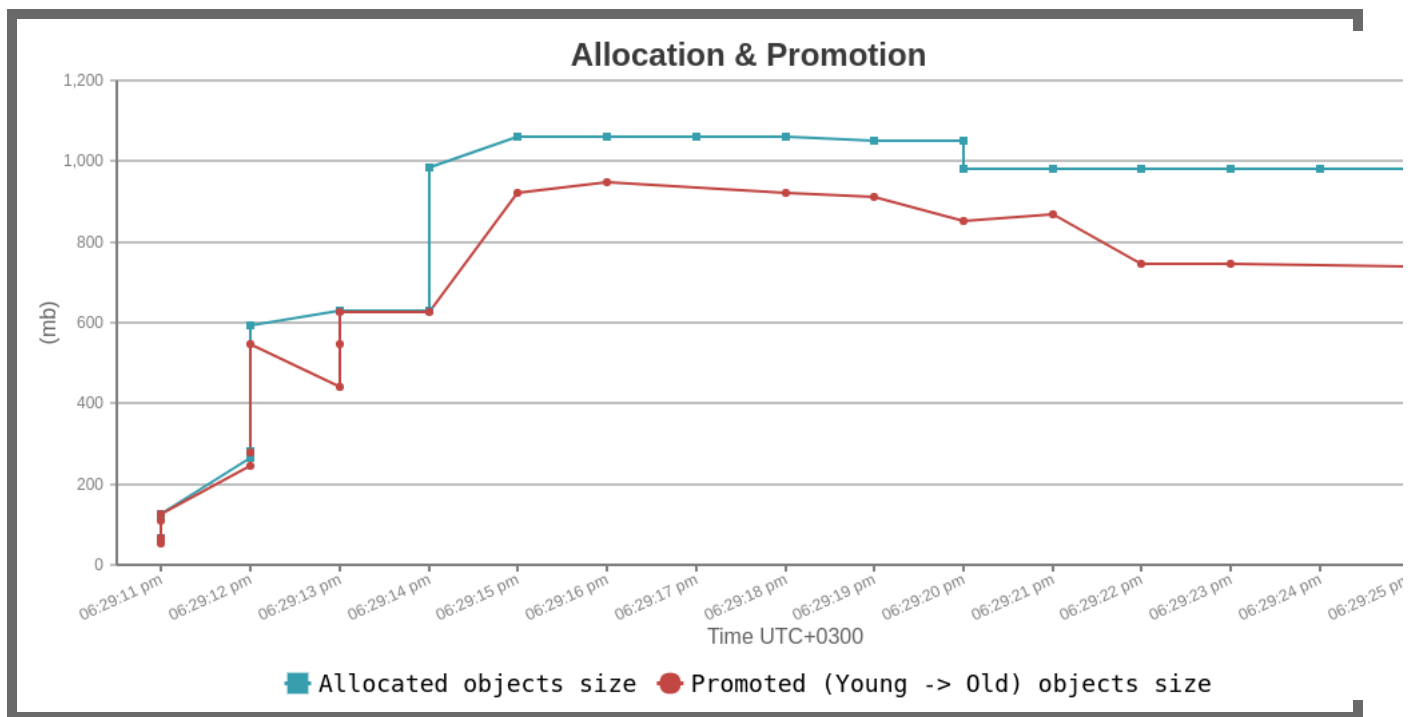
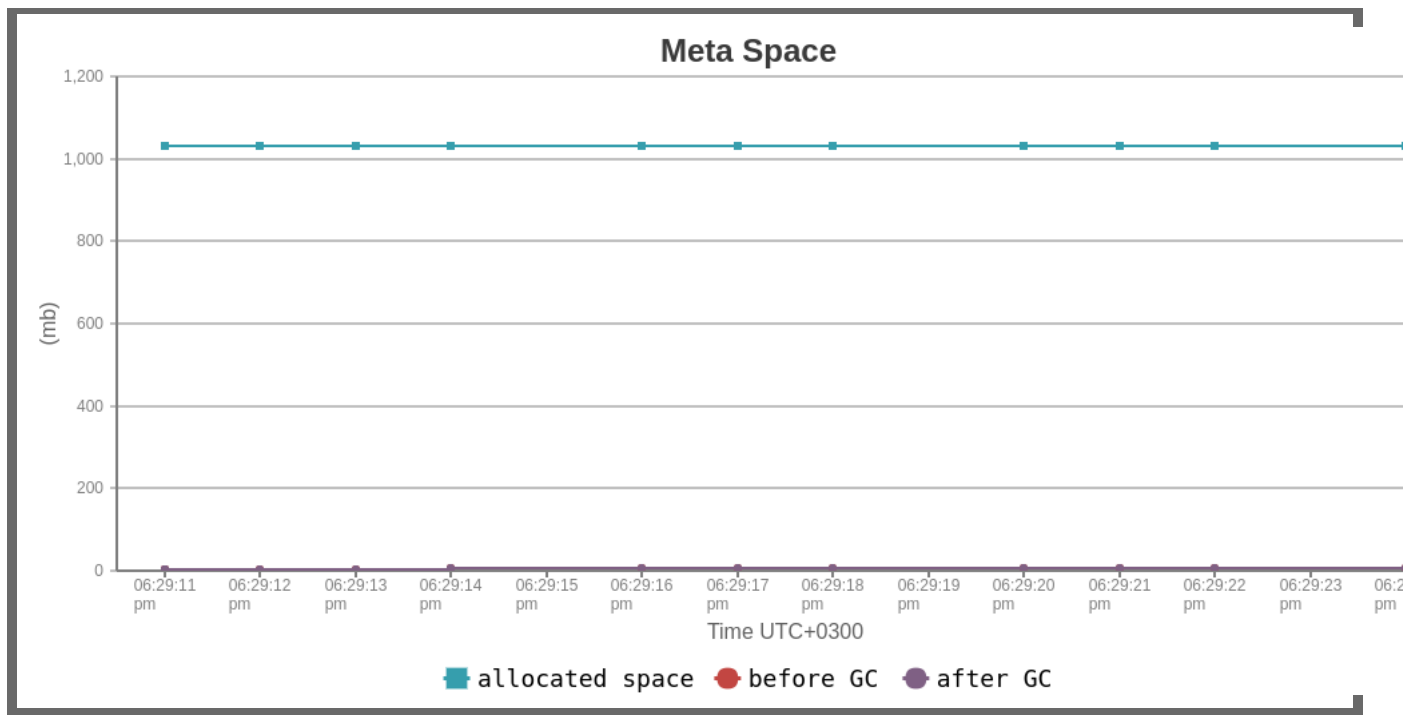
# Interactive Graphs

(All graphs are zoomable)



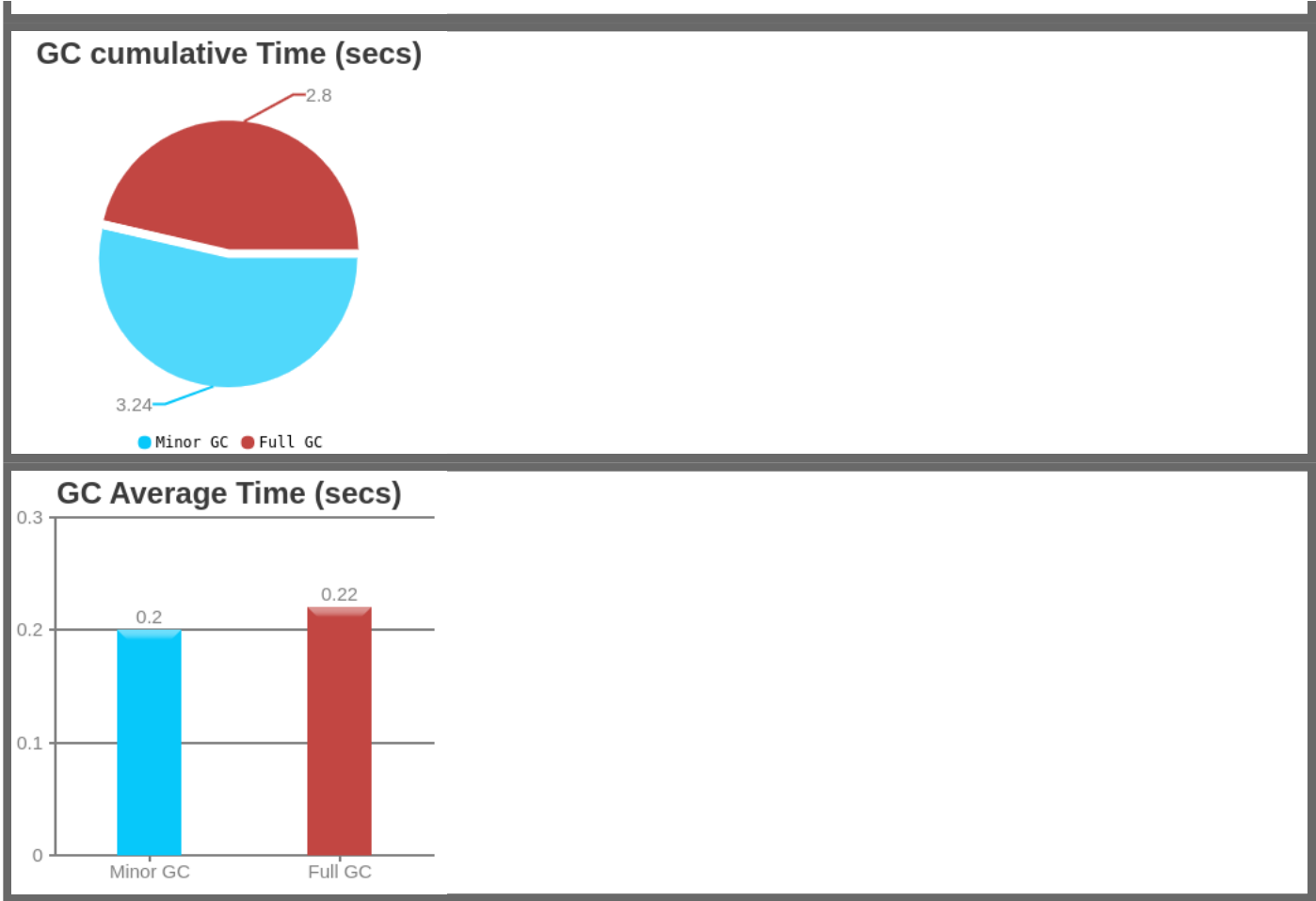






## GC Statistics





Total GC stats

Total GC count ?	29
Total reclaimed bytes ?	18.96 gb
Total GC time ?	6 sec 40 ms
Avg GC time ?	208 ms
GC avg time std dev	110 ms
GC min/max time	20 ms / 430 ms
GC Interval avg time ?	484 ms

Minor GC stats

Minor GC count	16
Minor GC reclaimed ?	621.68 mb
Minor GC total time	3 sec 240 ms
Minor GC avg time ?	203 ms
Minor GC avg time std dev	109 ms
Minor GC min/max time	20 ms / 430 ms
Minor GC Interval avg ?	904 ms

## Full GC stats

Full GC Count	13
Full GC reclaimed ⓘ	18.35 gb
Full GC total time	2 sec 800 ms
Full GC avg time ⓘ	215 ms
Full GC avg time std dev	111 ms
Full GC min/max time	30 ms / 430 ms
Full GC Interval avg ⓘ	1 sec 42 ms

## GC Pause Statistics

Pause Count	29
Pause total time	6 sec 40 ms
Pause avg time ⓘ	208 ms
Pause avg time std dev	0.0
Pause min/max time	20 ms / 430 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 ⓘ	20.91 gb
Total promoted bytes ⓘ	11.12 gb
Avg creation rate ⓘ	1.54 gb/sec
Avg promotion rate ⓘ	839.53 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.