



jvm.options

2 removals

86 lines

9 additions

93 lines

```

1 ## JVM configuration
2
3 #####
4 ## IMPORTANT: JVM heap size
5 #####
6 ##
7 ## You should always set the min and
  max JVM heap
8 ## size to the same value. For exam
  ple, to set
9 ## the heap to 4 GB, set:
10 ##
11 ## -Xms4g
12 ## -Xmx4g
13 ##
14 ## See https://opensearch.org/docs/
  opensearch/install/important-settin
  gs/
15 ## for more information
16 ##
17 #####
18
19 # Xms represents the initial size o
  f total heap space
20 # Xmx represents the maximum size o
  f total heap space
21
22 -Xms1894m
23 -Xmx1894m
24
25 #####
26 ## Expert settings
27 #####
28 ##
29 ## All settings below this section
  are considered

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22 -Xms1g
23 -Xmx1g
24
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```

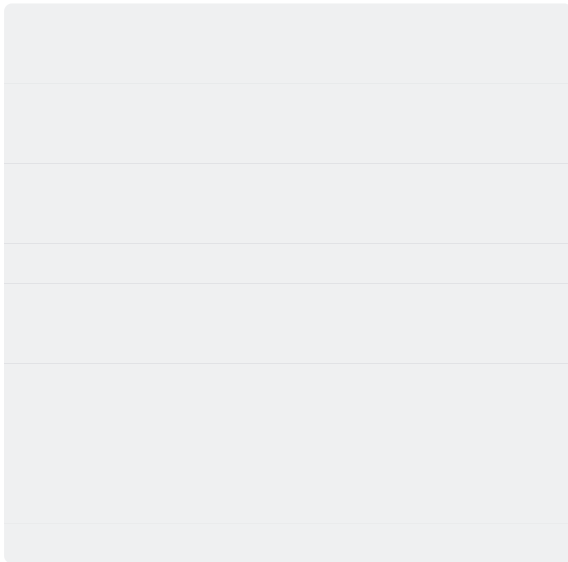
```
30 ## expert settings. Don't tamper with them unless
31 ## you understand what you are doing
32 ##
33 #####
34
35 ## GC configuration
36 8-10:-XX:+UseConcMarkSweepGC
37 8-10:-XX:CMSInitiatingOccupancyFraction=75
38 8-10:-XX:+UseCMSInitiatingOccupancyOnly
39
40 ## G1GC Configuration
41 # NOTE: G1 GC is only supported on JDK version 10 or later
42 # to use G1GC, uncomment the next two lines and update the version on the
43 # following three lines to your version of the JDK
44 # 10:-XX:-UseConcMarkSweepGC
45 # 10:-XX:-UseCMSInitiatingOccupancyOnly
46 11-:-XX:+UseG1GC
47 11-:-XX:G1ReservePercent=25
48 11-:-XX:InitiatingHeapOccupancyPercent=30
49
50 ## JVM temporary directory
51 -Djava.io.tmpdir=${OPENSEARCH_TMPDIR}
52
53 ## heap dumps
54
55 # generate a heap dump when an allocation from the Java heap fails
56 # heap dumps are created in the working directory of the JVM
57 -XX:+HeapDumpOnOutOfMemoryError
58
59 # specify an alternative path for heap dumps; ensure the directory exists and
60 # has sufficient space
61 -XX:HeapDumpPath=/var/lib/wazuh-indexer
62
63 # specify an alternative path for JVM fatal error logs
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63 # specify an alternative path for JVM fatal error logs
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```

64 -XX:ErrorFile=/var/log/wazuh-indexer/hs_err_pid%p.log
65
66 ## JDK 8 GC logging
67 8:-XX:+PrintGCDetails
68 8:-XX:+PrintGCDateStamps
69 8:-XX:+PrintTenuringDistribution
70 8:-XX:+PrintGCApplicationStoppedTime
71 8:-Xloggc:/var/log/wazuh-indexer/gc.log
72 8:-XX:+UseGCLogFileRotation
73 8:-XX:NumberOfGCLogFiles=32
74 8:-XX:GCLogFileSize=64m
75
76 # JDK 9+ GC logging
77 9-:-Xlog:gc*,gc+age=trace,safepoint:file=/var/log/wazuh-indexer/gc.log:utctime,pid,tags:filecount=32,filesize=64m
78
79 # Explicitly allow security manager
  (https://bugs.openjdk.java.net/browse/JDK-8270380)
80 18-:-Djava.security.manager=allow
81

```



```

82 ## OpenSearch Performance Analyzer
83 -Dclk.tck=100
84 -Djdk.attach.allowAttachSelf=true
85 -Djava.security.policy=file:///etc/wazuh-indexer/opensearch-performance-analyzer/opensearch_security.policy
86 --add-opens=jdk.attach/sun.tools.attach=ALL-UNNAMED

```

```

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82 # JDK 20+ Incubating Vector Module for SIMD optimizations;
83 # disabling may reduce performance on vector optimized lucene
84 20:--add-modules=jdk.incubator.vector
85
86 # HDFS ForkJoinPool.common() support by SecurityManager
87 -Djava.util.concurrent.ForkJoinPool.common.threadFactory=org.opensearch.secure_sm.SecuredForkJoinWorkerThreadFactory
88
89 ## OpenSearch Performance Analyzer
90 -Dclk.tck=100
91 -Djdk.attach.allowAttachSelf=true
92 -Djava.security.policy=file:///etc/wazuh-indexer/opensearch-performance-analyzer/opensearch_security.policy
93 --add-opens=jdk.attach/sun.tools.attach=ALL-UNNAMED

```