

Down

JVM

/opt/maco/tomcat8/catalina.sh JAVA_OPTS

```
JAVA_OPTS="-Xms5g -Xmx5g -Xmn2g -server -XX:+UseG1GC -XX:-UseCompressedOops  
-XX:+HeapDumpOnOutOfMemoryError -XX:MaxDirectMemorySize=500M  
-Djava.security.egd=file:/dev/./urandom"
```

-Xms -Xmx 40% -Xmn-Xmx40%

vm.max_map_count

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```
sysctl vm.max_map_count
```

vm.max_map_count

```
sysctl -w vm.max_map_count=131072
```