

Infrastructure - Bug #8195

Tomcat out of memory error

2017-10-17 22:19 - Dave Vieglais

Status:	In Progress	Start date:	2017-10-17
Priority:	High	Due date:	
Assignee:	Dave Vieglais	% Done:	30%
Category:		Estimated time:	0.00 hour
Target version:		Story Points:	
Milestone:	None		
Product Version:	*		

Description

Tomcat crashed on cn-orc-1 with an out of memory error:

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INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:1:35336
Oct 17, 2017 8:44:38 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [/0:0:0:0:0:0:1:35336] lost. Reason: java.io.EOF
Exception[null]
Oct 17, 2017 8:46:01 PM com.hazelcast.client.ProxyHelper
INFO: There is no response for Call [76063] operation=GET_MEMBERS in 5 seconds.
Exception in thread "ContainerBackgroundProcessor[StandardEngine[Catalina]]" java.lang.OutOfMemory
Error: Java heap space
20171017-20:57:05: [WARN]: [160.36.13.150]:5702 [hzProcess] Master node has timed out its heartbea
t and will be removed [com.hazelcast.cluster.ClusterManager]
Oct 17, 2017 8:45:47 PM com.hazelcast.client.ConnectionManager
WARNING: Server didn't respond to client's ping call within 10 seconds!
Oct 17, 2017 8:51:41 PM com.hazelcast.client.ProxyHelper
INFO: There is no response for Call [76063] operation=GET_MEMBERS in 10 seconds.
Oct 17, 2017 8:57:09 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [Address[128.111.54.80]:5703] lost. Reason: java.i
o.EOFException[null]
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /object
original requestURI: /metacat/dl/cn/v1/object
stripping /metacat/dl/cn/v1 from requestURI
new pathInfo: /object
Exception in thread "Thread-77686" java.lang.OutOfMemoryError: Java heap space

Exception: java.lang.OutOfMemoryError thrown from the UncaughtExceptionHandler in thread "ajp-bio-
8009-exec-49"
Exception in thread "Timer-3" java.lang.OutOfMemoryError: Java heap space

Exception: java.lang.OutOfMemoryError thrown from the UncaughtExceptionHandler in thread "FileWate
rDog"
Exception in thread "hz.dataonePortalInstance.ServiceThread" java.lang.OutOfMemoryError: Java heap
space
Exception in thread "ajp-bio-8009-exec-5" java.lang.OutOfMemoryError: Java heap space
Oct 17, 2017 9:03:27 PM com.hazelcast.nio.InOutSelector
WARNING: [160.36.13.150]:5703 [DataONE] Selector exception at hz.dataonePortalInstance.IO.thread-
2, cause= java.lang.OutOfMemoryError: Java heap space
java.lang.OutOfMemoryError: Java heap space

Exception in thread "ajp-bio-8009-exec-307" java.lang.OutOfMemoryError: Java heap space
Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6293" java.lang.NullPointerException
Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6289" Oct 17, 2017 9:08:42 PM com.haze
lcast.nio.InOutSelector
WARNING: [160.36.13.150]:5703 [DataONE] Selector exception at hz.dataonePortalInstance.IO.thread-
1, cause= java.lang.NullPointerException
java.lang.NullPointerException
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at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:31
24)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOf
MemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java
:70)
at com.hazelcast.nio.NodeIOService.onOutOfMemory(NodeIOService.java:56)
at com.hazelcast.nio.AbstractSelectionHandler.handleSocketException(AbstractSelectionHandler.j
ava:58)
at com.hazelcast.nio.ReadHandler.handle(ReadHandler.java:92)
at com.hazelcast.nio.InOutSelector.run(InOutSelector.java:142)
at java.lang.Thread.run(Thread.java:748)
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Exception in thread "hz.dataonePortalInstance.cached.thread-5" at org.apache.catalina.loader.Weba
ppClassLoader.findResourceInternal(WebappClassLoader.java:3124)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOf
MemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java
:70)
at com.hazelcast.impl.ThreadContext.get(ThreadContext.java:67)
at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute(ExecutorManager.java:396)
at com.hazelcast.impl.ExecutorManager.access$000(ExecutorManager.java:44)
at com.hazelcast.impl.ExecutorManager$1.beforeExecute(ExecutorManager.java:87)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1146)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:748)
at com.hazelcast.impl.ExecutorThreadFactory$1.run(ExecutorThreadFactory.java:38)
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Oct 17, 2017 9:09:03 PM com.hazelcast.nio.InOutSelector
WARNING: [160.36.13.150]:5703 [DataONE] unhandled exception in hz.dataonePortalInstance.IO.thread-
2
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java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:31
24)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOf
MemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java
:70)
at com.hazelcast.nio.NodeIOService.onOutOfMemory(NodeIOService.java:56)
at com.hazelcast.nio.InOutSelector.handleSelectorException(InOutSelector.java:171)
at com.hazelcast.nio.InOutSelector.run(InOutSelector.java:150)
at java.lang.Thread.run(Thread.java:748)
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java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:31
24)
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Oct 17, 2017 9:09:21 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [Address[64.106.40.6]:5703] lost. Reason: java.lan
g.IllegalArgumentException[null]
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Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6292" Exception in thread "hz._hzInsta
nce_1_DataONE.cached.thread-6285" Oct 17, 2017 9:09:28 PM com.hazelcast.nio.InOutSelector
WARNING: [160.36.13.150]:5703 [DataONE] Selector exception at hz.dataonePortalInstance.IO.thread-
1, cause= java.lang.NullPointerException
java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:31
24)
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at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.nio.NodeIOService.disconnectExistingCalls(NodeIOService.java:180)
at com.hazelcast.nio.Connection.close(Connection.java:218)
at com.hazelcast.nio.AbstractSelectionHandler.handleSocketException(AbstractSelectionHandler.java:63)
at com.hazelcast.nio.ReadHandler.handle(ReadHandler.java:92)
at com.hazelcast.nio.InOutSelector.run(InOutSelector.java:142)
at java.lang.Thread.run(Thread.java:748)

at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOfMemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java:70)
at com.hazelcast.impl.ExecutorThreadFactory$1.run(ExecutorThreadFactory.java:40)
java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:3124)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6288" Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6290" Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6286" at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOfMemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java:70)
at com.hazelcast.impl.ThreadContext.get(ThreadContext.java:67)
at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute(ExecutorManager.java:396)
at com.hazelcast.impl.ExecutorManager.access$000(ExecutorManager.java:44)
at com.hazelcast.impl.ExecutorManager$1.beforeExecute(ExecutorManager.java:87)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1146)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:748)
at com.hazelcast.impl.ExecutorThreadFactory$1.run(ExecutorThreadFactory.java:38)
java.lang.OutOfMemoryError: Java heap space
Exception in thread "hz._hzInstance_1_DataONE.cached.thread-6282" java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:3124)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOfMemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java:70)
at com.hazelcast.impl.ExecutorThreadFactory$1.run(ExecutorThreadFactory.java:40)
java.lang.NullPointerException
at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:3124)
at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory(OutOfMemoryErrorDispatcher.java:79)
at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory(OutOfMemoryErrorDispatcher.java:70)
at com.hazelcast.impl.ThreadContext.get(ThreadContext.java:67)

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    at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
    at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
Exception in thread "hz._hzInstance_1_DataONE.IO.thread-Acceptor" at com.hazelcast.impl.Executor
Manager$1.beforeExecute (ExecutorManager.java:87)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1146)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
    at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
    at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31
24)
    at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
    at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOf
MemoryErrorDispatcher.java:79)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java
:70)
    at com.hazelcast.impl.ThreadContext.get (ThreadContext.java:67)
    at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
    at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
    at com.hazelcast.impl.ExecutorManager$1.beforeExecute (ExecutorManager.java:87)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1146)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
    at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
    at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31
24)
    at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
    at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOf
MemoryErrorDispatcher.java:79)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java
:70)
    at com.hazelcast.impl.ThreadContext.get (ThreadContext.java:67)
    at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
    at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
    at com.hazelcast.impl.ExecutorManager$1.beforeExecute (ExecutorManager.java:87)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1146)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
    at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
    at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31
24)
    at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
    at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
    at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOf
MemoryErrorDispatcher.java:79)
    at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java
:70)
    at com.hazelcast.impl.ThreadContext.get (ThreadContext.java:67)
    at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
    at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
    at com.hazelcast.impl.ExecutorManager$1.beforeExecute (ExecutorManager.java:87)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1146)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
    at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
    at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31

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24)
  at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
  at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOfMemoryErrorDispatcher.java:79)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java:70)
  at com.hazelcast.impl.ThreadContext.get (ThreadContext.java:67)
  at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
  at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
  at com.hazelcast.impl.ExecutorManager$1.beforeExecute (ExecutorManager.java:87)
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  at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
  at java.lang.Thread.run (Thread.java:748)
  at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
  at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31
24)
  at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
  at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOfMemoryErrorDispatcher.java:79)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java:70)
  at com.hazelcast.impl.ThreadContext.get (ThreadContext.java:67)
  at com.hazelcast.impl.ExecutorManager.threadPoolBeforeExecute (ExecutorManager.java:396)
  at com.hazelcast.impl.ExecutorManager.access$000 (ExecutorManager.java:44)
  at com.hazelcast.impl.ExecutorManager$1.beforeExecute (ExecutorManager.java:87)
  at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1146)
  at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
  at java.lang.Thread.run (Thread.java:748)
  at com.hazelcast.impl.ExecutorThreadFactory$1.run (ExecutorThreadFactory.java:38)
java.lang.NullPointerException
  at org.apache.catalina.loader.WebappClassLoader.findResourceInternal (WebappClassLoader.java:31
24)
  at org.apache.catalina.loader.WebappClassLoader.findClassInternal (WebappClassLoader.java:2901)
  at org.apache.catalina.loader.WebappClassLoader.findClass (WebappClassLoader.java:1209)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1689)
  at org.apache.catalina.loader.WebappClassLoader.loadClass (WebappClassLoader.java:1570)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher$DefaultOutOfMemoryHandler.onOutOfMemory (OutOfMemoryErrorDispatcher.java:79)
  at com.hazelcast.impl.OutOfMemoryErrorDispatcher.onOutOfMemory (OutOfMemoryErrorDispatcher.java:70)
  at com.hazelcast.nio.SocketAcceptor.run (SocketAcceptor.java:66)
  at java.lang.Thread.run (Thread.java:748)
Oct 17, 2017 9:11:29 PM com.hazelcast.nio.SocketAcceptor
INFO: [160.36.13.150]:5703 [DataONE] 5703 is accepting socket connection from /0:0:0:0:0:0:1:460
66
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
Oct 17, 2017 9:11:33 PM com.hazelcast.nio.ConnectionManager
INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:1:46066
Oct 17, 2017 9:11:49 PM com.hazelcast.nio.SocketAcceptor
INFO: [160.36.13.150]:5703 [DataONE] 5703 is accepting socket connection from /0:0:0:0:0:0:1:463
11
Oct 17, 2017 9:11:49 PM com.hazelcast.nio.ConnectionManager
INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:1:46311
Oct 17, 2017 9:11:49 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [/0:0:0:0:0:0:1:46311] lost. Reason: java.io.EOF

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Exception[null]
20171017-21:12:10: [WARN]: [160.36.13.150]:5702 [hzProcess] Master node has timed out its heartbeat and will be removed [com.hazelcast.cluster.ClusterManager]
Oct 17, 2017 9:12:10 PM com.hazelcast.nio.SocketAcceptor
INFO: [160.36.13.150]:5703 [DataONE] 5703 is accepting socket connection from /0:0:0:0:0:0:0:1:46487
Oct 17, 2017 9:12:10 PM com.hazelcast.nio.ConnectionManager
INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:0:1:46487
Oct 17, 2017 9:12:10 PM com.hazelcast.nio.SocketAcceptor
INFO: [160.36.13.150]:5703 [DataONE] 5703 is accepting socket connection from /0:0:0:0:0:0:0:1:46489
Oct 17, 2017 9:12:10 PM com.hazelcast.nio.ConnectionManager
INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:0:1:46489
Oct 17, 2017 9:12:13 PM com.hazelcast.nio.SocketAcceptor
INFO: [160.36.13.150]:5703 [DataONE] 5703 is accepting socket connection from /0:0:0:0:0:0:0:1:46488
Oct 17, 2017 9:12:13 PM com.hazelcast.nio.ConnectionManager
INFO: [160.36.13.150]:5703 [DataONE] 5703 accepted socket connection from /0:0:0:0:0:0:0:1:46488
20171017-21:12:22: [WARN]: [160.36.13.150]:5702 [hzProcess] ExecutorService is rejecting an execution. java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask@732a0f33 [com.hazelcast.impl.ExecutorManager]
Oct 17, 2017 9:12:26 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [/0:0:0:0:0:0:0:1:46488] lost. Reason: java.io.EOFException[null]
20171017-21:12:26: [WARN]: [160.36.13.150]:5702 [hzProcess] ExecutorService is rejecting an execution. com.hazelcast.impl.SplitBrainHandler$1@1af304f [com.hazelcast.impl.ExecutorManager]
20171017-21:12:29: [WARN]: [160.36.13.150]:5702 [hzProcess] This is the master node and received a PartitionRuntimeState from Address[128.111.54.80]:5702. Ignoring incoming state! [com.hazelcast.impl.PartitionManager]
20171017-21:12:29: [WARN]: [160.36.13.150]:5702 [hzProcess] This is the master node and received a PartitionRuntimeState from Address[128.111.54.80]:5702. Ignoring incoming state! [com.hazelcast.impl.PartitionManager]
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Oct 17, 2017 9:12:36 PM com.hazelcast.nio.Connection
INFO: [160.36.13.150]:5703 [DataONE] Connection [/0:0:0:0:0:0:0:1:46487] lost. Reason: java.io.EOFException[null]
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
20171017-21:13:09: [WARN]: [160.36.13.150]:5702 [hzProcess] hz.hzProcessInstance.IO.thread-2 Closing socket to endpoint Address[128.111.54.80]:5702, Cause:java.lang.OutOfMemoryError: Java heap space [com.hazelcast.nio.ReadHandler]
java.lang.OutOfMemoryError: Java heap space
    at java.nio.HeapByteBuffer.<init>(HeapByteBuffer.java:57)
    at java.nio.ByteBuffer.allocate(ByteBuffer.java:335)
    at com.hazelcast.nio.DataHolder.<init>(DataHolder.java:28)
    at com.hazelcast.nio.Packet.read(Packet.java:379)
    at com.hazelcast.nio.SocketPacketReader$DefaultPacketReader.readPacket(SocketPacketReader.java:88)
    at com.hazelcast.nio.SocketPacketReader.read(SocketPacketReader.java:62)
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    at com.hazelcast.nio.ReadHandler.handle(ReadHandler.java:85)
    at com.hazelcast.nio.InOutSelector.run(InOutSelector.java:142)
    at java.lang.Thread.run(Thread.java:748)
20171017-21:13:09: [WARN]: [160.36.13.150]:5702 [hzProcess] hz.hzProcessInstance.IO.thread-1 Closing socket to endpoint Address[64.106.40.6]:5702, Cause:java.lang.OutOfMemoryError: Java heap space [com.hazelcast.nio.ReadHandler]
java.lang.OutOfMemoryError: Java heap space
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
In D1URLFilter.
HTTP Verb: GET
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /object
original requestURI: /metacat/d1/cn/v1/object
stripping /metacat/d1/cn/v1 from requestURI
new pathInfo: /object
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /log
original requestURI: /metacat/d1/cn/v2/log
stripping /metacat/d1/cn/v2 from requestURI
new pathInfo: /log
java.lang.NullPointerException
    at org.apache.catalina.loader.WebappClassLoader.findResourceInternal(WebappClassLoader.java:3124)
    at org.apache.catalina.loader.WebappClassLoader.findClassInternal(WebappClassLoader.java:2901)
    at org.apache.catalina.loader.WebappClassLoader.findClass(WebappClassLoader.java:1209)
    at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1689)
    at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1570)
    at edu.ucsb.nceas.metacat.replication.ReplicationService.getURLStream(ReplicationService.java:2341)
    at edu.ucsb.nceas.metacat.replication.ReplicationService.getURLContent(ReplicationService.java:2299)
    at edu.ucsb.nceas.metacat.replication.ReplicationService.handleForceReplicateDataFileRequest(ReplicationService.java:936)
    at edu.ucsb.nceas.metacat.replication.ReplicationServlet.handleGetOrPost(ReplicationServlet.java:157)
    at edu.ucsb.nceas.metacat.replication.ReplicationServlet.doGet(ReplicationServlet.java:87)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:620)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:727)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
    at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:220)
    at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:122)
    at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:501)
    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:170)
    at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:98)
    at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
    at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:408)
    at org.apache.coyote.ajp.AjpProcessor.process(AjpProcessor.java:193)
    at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:

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607)
  at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run (JIoEndpoint.java:313)
  at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1149)
  at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
  at java.lang.Thread.run (Thread.java:748)
java.lang.NullPointerException
java.lang.NullPointerException
java.lang.NullPointerException
java.lang.NullPointerException
In D1URLFilter.
HTTP Verb: GET
original pathInfo: /object
original requestURI: /metacat/dl/cn/v1/object
stripping /metacat/dl/cn/v1 from requestURI
new pathInfo: /object
```

Related issues:

Related to Infrastructure - Story #8199: Increase memory allocation to CNs **Closed** **2017-10-24**

History

#1 - 2017-10-24 14:36 - Dave Vieglais

- Related to Story #8199: Increase memory allocation to CNs added

#2 - 2017-10-24 14:39 - Dave Vieglais

As an emergency stopgap, the memory allocation on CNs was manually adjusted from 8GB to 12GB to avoid OOM issues with Tomcat.

Additional RAM needs to be added to the VMs before taking these settings much higher.

/etc/default/tomcat7

JAVA_OPTS="-Djava.awt.headless=true -Xmx12288M -XX:+UseParallelGC -Xms1024M -XX:MaxPermSize=512M"

#3 - 2017-10-24 14:41 - Dave Vieglais

- Status changed from New to In Progress

- Assignee set to Dave Vieglais

- % Done changed from 0 to 30

#4 - 2017-12-26 20:01 - Dave Vieglais

- Description updated