Issue description

JBoss server hangs during stopping.

The reason of issue: GelfLogHandler internal logging (line 127). Check JBoss configuration and threads dump for more details.

JBoss configuration

<profile name="<REPLACED> ">

<subsystem xmlns="urn:jboss:domain:logging:1.3">

<console-handler name="CONSOLE">

<formatter>

<pattern-formatter pattern="%K{level}%d{HH:mm:ss,SSS} %-5p [%c] (%t) %s%E%n"/>

</formatter>

</console-handler>

<custom-handler name="GELF-LOGGER" class="biz.paluch.logging.gelf.jboss7.JBoss7GelfLogHandler" module="biz.paluch.logging">

<level name="INFO"/>

<properties>

<property name="host" value="udp:localhost"/>

<property name="port" value="12201"/>

<property name="extractStackTrace" value="true"/>

<property name="filterStackTrace" value="true"/>

<property name="mdcProfiling" value="true"/>

<property name="timestampPattern" value="yyyy-MM-dd HH:mm:ss,SSSS"/>

<property name="maximumMessageSize" value="8192"/>

<property name="additionalFields" value="\_landscape=<REPLACED>"/>

<property name="mdcFields" value="\_system,\_component\_name,\_component.version,\_sma\_id,\_client\_ip,\_session\_id,\_correlation\_id"/>

<property name="dynamicMdcFields" value="mdc.\*,(mdc|MDC)fields"/>

<property name="includeFullMdc" value="true"/>

</properties>

</custom-handler>

<periodic-rotating-file-handler name="FILE" autoflush="true">

<formatter>

<pattern-formatter pattern="%d{HH:mm:ss,SSS} %-5p [%c] (%t) %s%E%n"/>

</formatter>

<file relative-to="jboss.server.log.dir" path="server.log"/>

<suffix value=".yyyy-MM-dd"/>

<append value="true"/>

</periodic-rotating-file-handler>

<logger category="<REPLACED>" use-parent-handlers="false">

<level name="DEBUG"/>

<handlers>

<handler name="CONSOLE"/>

<handler name="FILE"/>

<handler name="GELF-LOGGER"/>

</handlers>

</logger>

<root-logger>

<level name="INFO"/>

<handlers>

<handler name="CONSOLE"/>

<handler name="FILE"/>

<handler name="GELF-LOGGER"/>

</handlers>

</root-logger>

</subsystem>

Threads dump

Found one Java-level deadlock:

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"Thread-32 (HornetQ-client-global-threads-79116542)":

waiting to lock monitor 0x00000000019ae968 (object 0x0000000724d0b318, a java.util.logging.ErrorManager),

which is held by "ServerSocketListener"

"ServerSocketListener":

waiting to lock monitor 0x00007f6b280e9238 (object 0x0000000724d2a4a0, a java.io.PrintStream),

which is held by "pool-6-thread-2"

"pool-6-thread-2":

waiting to lock monitor 0x00000000019ae968 (object 0x0000000724d0b318, a java.util.logging.ErrorManager),

which is held by "ServerSocketListener"

Java stack information for the threads listed above:

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"Thread-32 (HornetQ-client-global-threads-79116542)":

at java.util.logging.ErrorManager.error(ErrorManager.java:84)

- waiting to lock <0x0000000724d0b318> (a java.util.logging.ErrorManager)

at java.util.logging.Handler.reportError(Handler.java:232)

at biz.paluch.logging.gelf.jul.GelfLogHandler.reportError(GelfLogHandler.java:127)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendDatagrams(GelfUDPSender.java:55)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendMessage(GelfUDPSender.java:46)

at biz.paluch.logging.gelf.jul.GelfLogHandler.publish(GelfLogHandler.java:113)

at biz.paluch.logging.gelf.jboss7.JBoss7GelfLogHandler.publish(JBoss7GelfLogHandler.java:84)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:296)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.Logger.logRaw(Logger.java:721)

at org.jboss.logmanager.Logger.log(Logger.java:672)

at org.jboss.logging.JBossLogManagerLogger.doLog(JBossLogManagerLogger.java:42)

at org.jboss.logging.Logger.logv(Logger.java:1951)

at org.hornetq.core.client.HornetQClientLogger\_$logger.connectionFailureDetected(HornetQClientLogger\_$logger.java:629)

at org.hornetq.core.protocol.core.impl.RemotingConnectionImpl.fail(RemotingConnectionImpl.java:338)

at org.hornetq.core.client.impl.ClientSessionFactoryImpl$CloseRunnable.run(ClientSessionFactoryImpl.java:1640)

at org.hornetq.utils.OrderedExecutorFactory$OrderedExecutor$1.run(OrderedExecutorFactory.java:105)

at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)

at java.lang.Thread.run(Thread.java:745)

"ServerSocketListener":

at java.io.PrintStream.println(PrintStream.java:806)

- waiting to lock <0x0000000724d2a4a0> (a java.io.PrintStream)

at org.jboss.stdio.StdioContext$DelegatingPrintStream.println(StdioContext.java:474)

at java.util.logging.ErrorManager.error(ErrorManager.java:94)

- locked <0x0000000724d0b318> (a java.util.logging.ErrorManager)

at java.util.logging.Handler.reportError(Handler.java:232)

at biz.paluch.logging.gelf.jul.GelfLogHandler.reportError(GelfLogHandler.java:127)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendDatagrams(GelfUDPSender.java:55)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendMessage(GelfUDPSender.java:46)

at biz.paluch.logging.gelf.jul.GelfLogHandler.publish(GelfLogHandler.java:113)

at biz.paluch.logging.gelf.jboss7.JBoss7GelfLogHandler.publish(JBoss7GelfLogHandler.java:84)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:296)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.Logger.logRaw(Logger.java:721)

at org.slf4j.impl.Slf4jLogger.log(Slf4jLogger.java:326)

at org.slf4j.impl.Slf4jLogger.log(Slf4jLogger.java:320)

at org.slf4j.impl.Slf4jLogger.info(Slf4jLogger.java:180)

at org.jacorb.orb.iiop.IIOPListener$Acceptor.run(IIOPListener.java:456)

- locked <0x000000071e355d58> (a java.lang.Object)

"pool-6-thread-2":

at java.util.logging.ErrorManager.error(ErrorManager.java:84)

- waiting to lock <0x0000000724d0b318> (a java.util.logging.ErrorManager)

at java.util.logging.Handler.reportError(Handler.java:232)

at biz.paluch.logging.gelf.jul.GelfLogHandler.reportError(GelfLogHandler.java:127)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendDatagrams(GelfUDPSender.java:55)

at biz.paluch.logging.gelf.intern.sender.GelfUDPSender.sendMessage(GelfUDPSender.java:46)

at biz.paluch.logging.gelf.jul.GelfLogHandler.publish(GelfLogHandler.java:113)

at biz.paluch.logging.gelf.jboss7.JBoss7GelfLogHandler.publish(JBoss7GelfLogHandler.java:84)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:296)

at org.jboss.logmanager.LoggerNode.publish(LoggerNode.java:304)

at org.jboss.logmanager.Logger.logRaw(Logger.java:721)

at org.jboss.logmanager.Logger.log(Logger.java:506)

at org.jboss.stdio.AbstractLoggingWriter.write(AbstractLoggingWriter.java:71)

- locked <0x0000000724d2a508> (a java.lang.StringBuilder)

at org.jboss.stdio.WriterOutputStream.finish(WriterOutputStream.java:143)

at org.jboss.stdio.WriterOutputStream.flush(WriterOutputStream.java:164)

- locked <0x0000000724d2a648> (a sun.nio.cs.UTF\_8$Decoder)

at java.io.PrintStream.write(PrintStream.java:482)

- locked <0x0000000724d2a4a0> (a java.io.PrintStream)

at sun.nio.cs.StreamEncoder.writeBytes(StreamEncoder.java:221)

at sun.nio.cs.StreamEncoder.implFlushBuffer(StreamEncoder.java:291)

at sun.nio.cs.StreamEncoder.flushBuffer(StreamEncoder.java:104)

- locked <0x0000000724d2aa20> (a java.io.OutputStreamWriter)

at java.io.OutputStreamWriter.flushBuffer(OutputStreamWriter.java:185)

at java.io.PrintStream.newLine(PrintStream.java:546)

- locked <0x0000000724d2a4a0> (a java.io.PrintStream)

at java.io.PrintStream.println(PrintStream.java:824)

- locked <0x0000000724d2a4a0> (a java.io.PrintStream)

at org.jboss.stdio.StdioContext$DelegatingPrintStream.println(StdioContext.java:486)

at java.lang.Throwable$WrappedPrintStream.println(Throwable.java:748)

at java.lang.Throwable.printStackTrace(Throwable.java:658)

- locked <0x0000000724ca9470> (a org.jboss.stdio.StdioContext$2)

at java.lang.Throwable.printStackTrace(Throwable.java:643)

at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:1061)

at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:1052)

at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:1052)

at java.lang.Thread.dispatchUncaughtException(Thread.java:1986)

Found 1 deadlock.