c:\Program Files\Java\jdk1.8.0\_121\bin>jps

1996

6780 Runner

6972 Jps

c:\Program Files\Java\jdk1.8.0\_121\bin>jstack 6780

2017-02-16 20:56:08

Full thread dump Java HotSpot(TM) 64-Bit Server VM (25.121-b13 mixed mode):

"DestroyJavaVM" #12 prio=5 os\_prio=0 tid=0x0000000001d60800 nid=0x1ab4 waiting on condition [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"pool-1-thread-2" #11 prio=5 os\_prio=0 tid=0x000000001838a800 nid=0x1af4 waiting for monitor entry [0x0000000018bde000]

java.lang.Thread.State: BLOCKED (on object monitor)

at cdp.troubleshooting.deadlock.Account.transfer(Account.java:30)

- waiting to lock <0x00000000d5df1ef0> (a cdp.troubleshooting.deadlock.Account)

- locked <0x00000000d5df1e98> (a cdp.troubleshooting.deadlock.Account)

at cdp.troubleshooting.deadlock.Runner$AccountOperation.run(Runner.java:34)

at java.util.concurrent.Executors$RunnableAdapter.call(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)

at java.lang.Thread.run(Unknown Source)

"pool-1-thread-1" #10 prio=5 os\_prio=0 tid=0x000000001838a000 nid=0x1af0 waiting for monitor entry [0x0000000018adf000]

java.lang.Thread.State: BLOCKED (on object monitor)

at cdp.troubleshooting.deadlock.Account.transfer(Account.java:30)

- waiting to lock <0x00000000d5df1e98> (a cdp.troubleshooting.deadlock.Account)

- locked <0x00000000d5df1ef0> (a cdp.troubleshooting.deadlock.Account)

at cdp.troubleshooting.deadlock.Runner$AccountOperation.run(Runner.java:34)

at java.util.concurrent.Executors$RunnableAdapter.call(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)

at java.lang.Thread.run(Unknown Source)

"Service Thread" #9 daemon prio=9 os\_prio=0 tid=0x00000000182f4800 nid=0x1ae8 runnable [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"C1 CompilerThread2" #8 daemon prio=9 os\_prio=2 tid=0x0000000016a0d800 nid=0x1ae4 waiting on condition [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"C2 CompilerThread1" #7 daemon prio=9 os\_prio=2 tid=0x0000000016a0a800 nid=0x1ae0 waiting on condition [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"C2 CompilerThread0" #6 daemon prio=9 os\_prio=2 tid=0x00000000169af000 nid=0x1adc waiting on condition [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"Attach Listener" #5 daemon prio=5 os\_prio=2 tid=0x00000000169ad000 nid=0x1ad8 waiting on condition [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"Signal Dispatcher" #4 daemon prio=9 os\_prio=2 tid=0x00000000169ac000 nid=0x1ad4 runnable [0x0000000000000000]

java.lang.Thread.State: RUNNABLE

"Finalizer" #3 daemon prio=8 os\_prio=1 tid=0x000000001699a800 nid=0x1ad0 in Object.wait() [0x0000000017cfe000]

java.lang.Thread.State: WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d5d88ec8> (a java.lang.ref.ReferenceQueue$Lock)

at java.lang.ref.ReferenceQueue.remove(Unknown Source)

- locked <0x00000000d5d88ec8> (a java.lang.ref.ReferenceQueue$Lock)

at java.lang.ref.ReferenceQueue.remove(Unknown Source)

at java.lang.ref.Finalizer$FinalizerThread.run(Unknown Source)

"Reference Handler" #2 daemon prio=10 os\_prio=2 tid=0x0000000001e50000 nid=0x1acc in Object.wait() [0x0000000017bff000]

java.lang.Thread.State: WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d5d86b68> (a java.lang.ref.Reference$Lock)

at java.lang.Object.wait(Unknown Source)

at java.lang.ref.Reference.tryHandlePending(Unknown Source)

- locked <0x00000000d5d86b68> (a java.lang.ref.Reference$Lock)

at java.lang.ref.Reference$ReferenceHandler.run(Unknown Source)

"VM Thread" os\_prio=2 tid=0x0000000016978800 nid=0x1ac8 runnable

"GC task thread#0 (ParallelGC)" os\_prio=0 tid=0x0000000001d76800 nid=0x1ab8 runnable

"GC task thread#1 (ParallelGC)" os\_prio=0 tid=0x0000000001d78000 nid=0x1abc runnable

"GC task thread#2 (ParallelGC)" os\_prio=0 tid=0x0000000001d79800 nid=0x1ac0 runnable

"GC task thread#3 (ParallelGC)" os\_prio=0 tid=0x0000000001d7c000 nid=0x1ac4 runnable

"VM Periodic Task Thread" os\_prio=2 tid=0x0000000018308000 nid=0x1aec waiting on condition

JNI global references: 6

Found one Java-level deadlock:

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"pool-1-thread-2":

waiting to lock monitor 0x0000000001e58c28 (object 0x00000000d5df1ef0, a cdp.troubleshooting.deadlock.Account),

which is held by "pool-1-thread-1"

"pool-1-thread-1":

waiting to lock monitor 0x000000001838fd28 (object 0x00000000d5df1e98, a cdp.troubleshooting.deadlock.Account),

which is held by "pool-1-thread-2"

Java stack information for the threads listed above:

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"pool-1-thread-2":

at cdp.troubleshooting.deadlock.Account.transfer(Account.java:30)

- waiting to lock <0x00000000d5df1ef0> (a cdp.troubleshooting.deadlock.Account)

- locked <0x00000000d5df1e98> (a cdp.troubleshooting.deadlock.Account)

at cdp.troubleshooting.deadlock.Runner$AccountOperation.run(Runner.java:34)

at java.util.concurrent.Executors$RunnableAdapter.call(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)

at java.lang.Thread.run(Unknown Source)

"pool-1-thread-1":

at cdp.troubleshooting.deadlock.Account.transfer(Account.java:30)

- waiting to lock <0x00000000d5df1e98> (a cdp.troubleshooting.deadlock.Account)

- locked <0x00000000d5df1ef0> (a cdp.troubleshooting.deadlock.Account)

at cdp.troubleshooting.deadlock.Runner$AccountOperation.run(Runner.java:34)

at java.util.concurrent.Executors$RunnableAdapter.call(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)

at java.lang.Thread.run(Unknown Source)

Found 1 deadlock.