
Subject: Re: Hornet Queue (jboss) vs sever resource shortage
Posted by [Dariush Pietrzak](#) on Thu, 22 Mar 2012 16:12:15 GMT
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> xmalloc: ../bash/make_cmd.c:100: cannot allocate 519 bytes (2076672 bytes allocated)

And here's excerpt from top (running on HN):

Mem: 32942724k total, 5930724k used, 27012000k free, 528k buffers
Swap: 8388600k total, 0k used, 8388600k free, 1864140k cached

```
PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
76750 nn12 20 0 4621m 1.2g 10m S 1 3.7 2:40.11 java
-Ddata.dir=/var/spool/ss/queue/hot/server0-data -Djnp.port=1099 -Djnp.rmiPort=1098
-Djnp.host=myhost.cc -Dhornetq.remoting.netty.host=myhost.cc
-Dhornetq.remoting.netty.port=5445 -Dcom.sun.management.jmxremote
-Dcom.sun.management.jmxremote.port=6000 -Dcom.sun.management.jmxremote.ssl=false
-Dcom.sun.management.jmxremote.authenticat
76876 nn12 20 0 4632m 1.0g 10m S 1 3.3 2:15.22 java
-Ddata.dir=/var/spool/ss/queue/hot/server1-data -Djnp.port=1199 -Djnp.rmiPort=1198
-Djnp.host=myhost.cc -Dhornetq.remoting.netty.hos
```

to verify that all that memory really is available, i ran:

```
dd if=/dev/zero of=/dev/null bs=1G
```

(and then 2G, 4G)

and as can be seen here, it works:

Mem: 32942724k total, 8034640k used, 24908084k free, 528k buffers
Swap: 8388600k total, 0k used, 8388600k free, 1864276k cached

```
PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
118477 root 20 0 4107m 2.0g 504 R 100 6.4 0:10.60 dd if=/dev/zero of=/dev/null bs=4G
76750 nn12 20 0 4621m 1.2g 10m S 1 3.7 2:41.35 java -Ddata.dir=/var/spool
```

but the HN can't allocate anything. I'm baffled. What kind of memory shortage can cause such symptoms?

regards, Eyck

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Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9
Total Existance Failure
