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Subject: Re: Hornet Queue (jboss) vs sever resource shortage  
Posted by [Dariush Pietrzak](#) on Thu, 22 Mar 2012 14:28:34 GMT  
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On Thu, 22 Mar 2012, Andrew Vagin wrote:

> Which kernel do you use?  
042stab049.6

> Could you show content of /proc/bc/CTID/resources?

Well, yes and no, I can't do anything on HN,  
but I can show you `cat /proc/user_beancounters:`  
(this is from the guest that caused all that resource shortage)

Version: 2.5

| uid                 | resource     | held     | maxheld  | barrier             | limit               | failcnt |
|---------------------|--------------|----------|----------|---------------------|---------------------|---------|
| 178032:             | kmemsize     | 34481819 | 36954112 | 17179869184         |                     |         |
| 19327352832         |              | 0        |          |                     |                     |         |
|                     | lockedpages  | 0        | 0        | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | privvmpages  | 3360282  | 5017649  | 4194304             | 4718592             |         |
| 0                   |              |          |          |                     |                     |         |
|                     | shmpages     | 5451     | 5467     | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | dummy        | 0        | 0        | 0                   | 0                   | 0       |
|                     | numproc      | 505      | 693      | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | physpages    | 766009   | 942952   | 0                   | 3932160             |         |
| 0                   |              |          |          |                     |                     |         |
|                     | vmguarpages  | 0        | 0        | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | oomguarpages | 620184   | 772457   | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | numtcpsock   | 120      | 214      | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | numflock     | 10       | 13       | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | numpty       | 12       | 12       | 9223372036854775807 | 9223372036854775807 |         |
| 0                   |              |          |          |                     |                     |         |
|                     | numsiginfo   | 0        | 45       | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | tcpsndbuf    | 2498464  | 3850016  | 17179869184         | 19327352832         |         |
| 0                   |              |          |          |                     |                     |         |
|                     | tcprcvbuf    | 2499360  | 6331520  | 17179869184         | 19327352832         |         |
| 0                   |              |          |          |                     |                     |         |
|                     | othersockbuf | 9344     | 35296    | 9223372036854775807 |                     |         |
| 9223372036854775807 |              | 0        |          |                     |                     |         |
|                     | dgramrcvbuf  | 0        | 8768     | 9223372036854775807 |                     |         |

|                     |          |          |                     |             |   |
|---------------------|----------|----------|---------------------|-------------|---|
| 9223372036854775807 | 0        |          |                     |             |   |
| numothersock        | 72       | 76       | 9223372036854775807 |             |   |
| 9223372036854775807 | 0        |          |                     |             |   |
| dcachesize          | 10880246 | 11060512 | 17179869184         | 19327352832 |   |
| 0                   |          |          |                     |             |   |
| numfile             | 1488     | 1660     | 9223372036854775807 |             |   |
| 9223372036854775807 | 0        |          |                     |             |   |
| dummy               | 0        | 0        | 0                   | 0           | 0 |
| dummy               | 0        | 0        | 0                   | 0           | 0 |
| dummy               | 0        | 0        | 0                   | 0           | 0 |
| numiptent           | 10       | 10       | 9223372036854775807 |             |   |
| 9223372036854775807 | 0        |          |                     |             |   |

(as you can see I tried limiting some of the resources, when it was first noticed, everything was unlimited:unlimited except physpages which is at 16G, and swap which was set to 0.)

When the hornetq is stopped inside container, HN returns back to life, but untill then, even things like bash completion fails with:

xmalloc: ../bash/make\_cmd.c:100: cannot allocate 519 bytes (2076672 bytes allocated)

regards, Eyck

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

Total Existence Failure