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Subject: Re: Java(Sun) problem with kernel RHEL6 042stab055.10

Posted by [yasuyuki](#) on Sat, 23 Jun 2012 09:10:24 GMT

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It seems that OpenJDK may have same problem.

I've tested with several environments.

Now I can explain the exact reproduction steps.

- 1) get a fresh CentOS6.2 64bit node, install OpenVZ on it.  
it is on KVM VM which has 2 cores cpu  
kernel version: 2.6.32-042stab055.10  
vzctl-3.2-1.x86\_64
- 2) get a template from "link", vzctl create 100 --ostemplate centos-5-x86 --config ve-vasic.conf
- 3) add a line 'CPUS="1"' into 100.conf
- 4) enter inside a CT - vzctl enter 100
- 5) download java vm (jdk-6u31-linux-i586-rpm.bin ) and install it
- 6) javac MemoryCheck.java  
MemoryCheck is a code to new object until throws OutOfMemoryError.  
I attache this code.
- 7) while : ; do java MemoryCheck ; done

stpe 7 should not be stopped. the process is finished with throwing exception and next process should be executed.

But after several hours, the process will be hung-up.

If you remove a line 'CPUS="1"' from container config file, this phenomenon is not appeared.

recently change some behaviors about this?

should I fill a bug on bugzilla?

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### File Attachments

- 1) [MemoryCheck.java](#), downloaded 737 times
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