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Subject: Re: 2GB Memory Limit per process (32bit)?  
Posted by [jacobwm](#) on Mon, 26 Jun 2006 14:47:02 GMT  
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I guess my only problem with that is the same JVM runs fine in both the SMP and UP versions of RHEL4 kernels - stock. I haven't tried the enterprise version, no need for it just yet.

However, the articles do mention that the JVM needs a \*contiguous\* block, not so much just the available memory. That might be difficult to manage/pull off in VPS's without huge amounts of physical memory to begin with.

I suspect we're going to have to move to an all 64-bit platform soon anyway as this cache size is only going to grow and 32-bit addressing isn't going to suffice.

As for trying it out, I'm merely using the j2sdk-1\_4\_2\_10-linux-i586.rpm and setting the min/max (\$JAVA\_HOME/bin/java -server -Xms2000m -Xmx2000m) and it poops out right away.

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