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Subject: Re: OOM killed process, although there is enough memory

Posted by [Roman Haefeli](#) on Wed, 10 Oct 2012 20:07:22 GMT

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On Mit, 2012-10-10 at 19:16 +0200, Corin Langosch wrote:

> On 10.10.2012 at 18:25 +0200, Roman Haefeli

> <reduzent@gmail.com> wrote:

> > We're having issues with processes in a container being killed by OOM,

> > although the hostnode does not have even half of its memory used.

> > How can it be that there is a failcnt for oomguarpages, although the

> > barrier wasn't even reached?

> >

> > This is on Debian Squeeze with the OpenVZ Kernel shipped by Debian.

>

> I can only highly recommend against using the debian openvz kernels. I

> always had stability problems with them and a few months ago I

> discovered a major bug

> ( <http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=655385>), causing

> the whole system to get instable/ freezed.

>

> For a few months now I'm using the official rhel6 openvz kernels and

> convert them into debian packages as described here:

> [http://wiki.openvz.org/Install\\_kernel\\_from\\_RPM\\_on\\_Debian\\_6.0](http://wiki.openvz.org/Install_kernel_from_RPM_on_Debian_6.0) Since

> then I never had any problems again so far :)

Thanks for your comments. It's not the first time I experienced oddities with the Debian OpenVZ kernel. I'll definitely check out the RHEL6 kernel.

Also, knowing that what I reported is not expected behavior is valuable for me to know. I started to think that I might have misconfigured the CTs due to a lack of understanding the mem limits/guarantees.

Roman

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