Subject: Re: vswap question - physpages/oomguarpages
Posted by Kirill Korotaev on Thu, 21 Jun 2012 05:37:56 GMT
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I guess it means oom, i.e. out of memory killer had to kill someone since vswap+ram was not enough...

Sent from my iPhonespam SPAMSPAM

On 21.06.2012, at 8:58, "Rene C." <openvz@dokbua.com> wrote:

>
> I just noticed a couple of containers on one of our vswap enabled servers have non-zero failcnt's (user_beancounters)
>
>   uid resource   held   maxheld   barrier   limit   failcnt
>   1413:
>   physpages   84873   131166   0   131072
61
>   oomguarpages   94628   377952   0 9223372036854775807
         4
>   1409:
>   physpages   52986   262155   0   262144
1378
>   oomguarpages   57155   376725   0 9223372036854775807
         18
>
> (I've deleted lines with zero failcnt for clarity)
>
> It was my understanding that if a vswap enabled container try to use more physpages than available it would start "vswapping" - is that what happens here? Otherwise how can physpages fail? Is this normal swapping behavior or a problem?
>
> A second thing is, when I tried to raise the physpages value with vzctl it again wrote the old "block" values into the vz conf files, i.e.
>
> i.e. before running vzctl the values are like this:
> < PHYSPAGES="0:512M"
> < SWAPPAGES="0:1024M"
>
> after running vzctl --set 1413 --save --ram 512M --swap 1G the values are like this:
> > PHYSPAGES="0:131072"
> > SWAPPAGES="0:262144"
>
> I already opened a bug report on this and I though it had been fixed already. Is there some undocumented flag that needs to be provided to vzctl to get it to write out the values in the easy human readable format?

>
> Regards,
> Rene
>
> <ATT00001.c>