Subject: oomguarpages instead of privvmpages for meminfo?
Posted by TheWiseOne on Thu, 20 Mar 2008 21:50:38 GMT
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Wouldn't it make sense to have the virtualized meminfo use oomguarpages for the usage rather than privvmpages? This should give a clearer figure for real RAM usage. I suppose this could be made as another mode to the meminfo option, such as oomguarpages:value to track oomguarpages as used memory and value as the max memory in pages.

Subject: Re: oomguarpages instead of privvmpages for meminfo?
Posted by vaverin on Tue, 25 Mar 2008 09:10:31 GMT
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Matt,

You can set sysctl kernel.ve_meminfo = 1
it switches meminfo virtualisation to show oomguarpages as used memory.
Also I would note that you can set required max memory directly by using "pages:value" mode.

Or you just want to set max memory by using recalculated oomguarpages limit?

Thank you,
Vasily Averin

Subject: Re: oomguarpages instead of privvmpages for meminfo?
Posted by TheWiseOne on Tue, 25 Mar 2008 19:17:49 GMT
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Is there any timeframe for having a working barrier/limit for the physpages parameter?

Subject: Re: oomguarpages instead of privvmpages for meminfo?
Posted by vaverin on Wed, 26 Mar 2008 13:53:36 GMT
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Matt

According to Kirill Korotaev ETA ~3-4 month.

thank you,
Vasily Averin

Subject: Re: oomguarpages instead of privvmpages for meminfo?

Posted by TheWiseOne on Wed, 26 Mar 2008 20:28:54 GMT

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Would anyone be interested (OpenVZ team or not) be interested in being sponsored to work on a physpages barrier/limit right now? Contact me if interested. All work would be open sourced and submitted for inclusion in OpenVZ.

Subject: Re: oomguarpages instead of privvmpages for meminfo?
Posted by swindmill on Mon, 31 Mar 2008 15:59:40 GMT

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It sounds like this feature would help me greatly, as accounting for physpages would allow programs like java which allocate a lot of memory to be better constrained.