

---

Subject: oomguarpages instead of privvmpages for meminfo?

Posted by [TheWiseOne](#) on Thu, 20 Mar 2008 21:50:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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.

---