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Subject: PAE support inside VE

Posted by [eastitaly](#) on Fri, 08 Jan 2010 08:56:55 GMT

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I've installed OpenVZ (64 bit kernel - CentOS 5.4) on some servers with 8+ GB of RAM.

I've also set up some VEs with a CentOS 5.4 32 bit template and all worked fine until now.

Now the available memory needed for some VEs is increased (for traffic and load) and I need to allocate more than 4 GB for them.

I was wondering if the VE could use more than 4 GB of RAM, then I tried and got a positive answer.

The problem comes as the maximum memory available inside that container seems to be limited to exactly 4613120 Kb (as per /proc/meminfo), even if I try to set the VE's memory allocation to 5 or even 6 GB.

The kernel I'm using for the HN is 2.6.18-128.2.1.el5.028stab064.8 and I've checked the release notes for the subsequent releases and didn't find anything related to this problem.

Any hint?

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