
Subject: kernel 2.6.18 028stab051.1 supports 3gb+ RAM?

Posted by [Smux](#) on Wed, 05 Dec 2007 20:30:02 GMT

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Hi all,

My server is a Dual Intel Xeon Quad-Core with 6Gb RAM and my doubt is: This kernel version supports 3Gb+ RAM ??

Actually I use kernel version 2.6.18-8.1.15.el5.028stab049.1 and I pay my datacenter to add more 2gb RAM and my dmesg show this info:

Warning only 4GB will be used.

Use a PAE enabled kernel.

Anyone knows how I do to make this new kernel to see my 6gb RAM??

Thanks in advance.

Subject: Re: kernel 2.6.18 028stab051.1 supports 3gb+ RAM?

Posted by [kir](#) on Wed, 05 Dec 2007 21:08:11 GMT

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See, the kernel explicitly tells you that you need PAE kernel if you want to see more than 4GB of RAM.

In addition to that, kernel download page (<http://openvz.org/download/kernel/rhel5/>) tells you:

Quote:* If your x86 machine has more than 4 GB of RAM, choose PAE kernel.

* Otherwise, use the plain kernel RPM (ovzkernel).

Also, quick installation guide (http://wiki.openvz.org/Quick_installation#Kernel_installation) tells:

Quote:First, you need to choose what "flavor" of the kernel you want to install. Please refer to Kernel flavors for more information.

Finally, there is a dedicated wiki page (http://wiki.openvz.org/Kernel_flavors) which tells you ... all the same.

Subject: Re: kernel 2.6.18 028stab051.1 supports 3gb+ RAM?

Posted by [Smux](#) on Wed, 05 Dec 2007 22:43:52 GMT

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Thank you kir!
