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Subject: Re: A question about Node RAM

Posted by [jjs - mainphrame](#) on Fri, 06 Jan 2012 18:18:23 GMT

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I'm running openvz on Debian 6 and recently switched to the rhel6-based kernel which provides the vswap configuration option. That was a big improvement, and the rhel kernel rpms were very easy to convert to debs which worked like a charm.

Joe

On Fri, Jan 6, 2012 at 10:08 AM, Quentin MACHU <[quentin.machu@gmail.com](mailto:quentin.machu@gmail.com)>wrote:

> Hello,

>

> Thanks for this answer.

> So, we can use 128Gb/256Gb server ? =]

>

> Actually, we're working on Debian 6.

> Do you have any tips on Distro / Kernel ?

>

> Debian 6 + Kernel from Debian repos is really stable ? Debian 5 more maybe

> ?

>

> We'll have 6\*3To HardDrive SAS in RAID 10 to improve I/O

> And Two \*Opteron 6128 8 cores\* Magny-Cours 8x 2Ghz.

>

> Do you think it's ok for something like 126 VM with 1Gb of RAM ? =)

>

> Thanks for all :)

>

>

>

> 2012/1/6 Kirill Korotaev <[dev@parallels.com](mailto:dev@parallels.com)>

>

>> Sure, it's old information and likely it was about 32bit kernels which

>> are limited to 64GB just because CPUs are... :)

>> 64bit kernels are not limited anyhow and OpenVZ is not different in this

>> regard from standard Linux.

>>

>> fixed a couple of places I found with 64GB mentioning:

>>

>> [http://wiki.openvz.org/Different\\_kernel\\_flavors\\_\(UP,\\_SMP,\\_ENTERPRISE,\\_ENTNOSPLIT\)](http://wiki.openvz.org/Different_kernel_flavors_(UP,_SMP,_ENTERPRISE,_ENTNOSPLIT))

>> [http://wiki.openvz.org/FAQ#How\\_scalable\\_is\\_OpenVZ.3F](http://wiki.openvz.org/FAQ#How_scalable_is_OpenVZ.3F)

>>

>> Thanks,

>> Kirill

>>

>> On Jan 6, 2012, at 20:59 , Quentin MACHU wrote:  
>>  
>> > Hello,  
>> >  
>> > I've a question for this mailing-list ^^  
>> >  
>> > My enterprise is going to order a 128Gb of RAM server.  
>> > I saw that the OpenVZ Kernel can only support 64Gb.  
>> >  
>> > That's because the wiki isn't up to date ?  
>> > What's about that ?  
>> > How to bypass this limit ? Can we ?  
>> > Recompiling the kernel.. ?  
>> >  
>> > It's important for us =)  
>> >  
>> > Thanks !  
> --  
> Cordialement,  
> MACHU Quentin  
>  
>

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