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Subject: Re: A question about Node RAM

Posted by [Kirill Korotaev](#) on Sat, 07 Jan 2012 08:33:25 GMT

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On Jan 7, 2012, at 00:19 , Tim Small wrote:

> On 06/01/12 19:35, Quentin MACHU wrote:

>> Hello,

>>

>> Thanks again!

>>

>> You mean that we should use for exemple this stable kernel :

<http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s>

tab044.11/vzkernel-2.6.32-042stab044.11.i686.rpm to get a lot of stability ? By following this little guide : [http://wiki.openvz.org/Install\\_kernel\\_from\\_rpm\\_on\\_debian](http://wiki.openvz.org/Install_kernel_from_rpm_on_debian).

>>

>> The apps won't be so disk IO-vore. Tons of VM are for... LAMP / VocalServer / Minecraft & other game servers...

>

> Isn't that "putting all your eggs in one basket"? What happens if that machine has a hardware fault? Personally, I'd perhaps favour going for e.g. 4 or 5 Sandy Bridge based machines, each being quad core, and with 32G RAM (maybe something like a Dell R210 II), and use some sort of clustering system (maybe pacemaker with drbd, or glusterfs, or sheepdog) to distribute the storage between the nodes, and allow moving VMs between nodes.

do not recommend gluster or sheepdog - they are nowhere near production quality. So speaking about reliability - a described HW with SAS drives RAID is by far more reliable.

> May well be cheaper too, but almost certainly more reliable... Larger numbers of simpler cheaper machines is how Google, Amazon etc. do it - big fat machines like the one you've described are usually trouble in my experience...

>

> Tim.

> --

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