Subject: Re: Problem with RAM and swap
Posted by khorenko on Tue, 26 Oct 2010 13:35:26 GMT

nubio wrote on Mon, 25 October 2010 15:27So i a VPS have 512Mo of memory it could be RAM or SWAP ? But it's not possible to give some extra swap ?

As it was already said by xemul when you set up a "privvmpages" limit for a Container, it means that the Container will be able to allocate that number of Virtual Memory. And you cannot say for sure how many of those pages will be in real physical memory and many of them will be in swap (on the Hardware Node!) just because it depends on the memory amount available on Hardware Node itself. If there is enough memory on the Hardware Node then all the memory allocated by Container will be in physical node RAM. If not - some pages will be swapped out.

nubio wrote on Mon, 25 October 2010 15:27For example apache2 need swap to working fine ..
I will see the server swaping when all my memory physic will be full used ?

That fake swap entry was done to be shown inside a Container especially for those silly applications which check the swap presence on start or installation stage. So the Swap at the moment is only REPORTED inside a CT, you'll never see it is reported as "used" inside a CT. And yes - in case the whole Hardware Node lacks the physical RAM, it will use swap and memory pages (both allocated by Hardware Node itself and by Containers) may be swapped out.

Hope that helps.

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Konstantin