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Subject: How about memory

Posted by [ELectro-X](#) on Tue, 13 Dec 2011 21:42:07 GMT

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Hi,

I tested OpenVZ on a CentOS 6 with the latest stable kernel.

I have a question about memory information.

When i execute "free -m" on virtual server result is 836Mo used and at the same time i execute "free-m" on OpenVZ server i obtain 512mo used.

Is-it normal? why memory utilisation is not counted in OpenVZ memory utilisation?

Thx.

### File Attachments

1) [Capture du 2011-12-13 22:33:58.png](#), downloaded 300 times

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Subject: Re: How about memory

Posted by [mustardman](#) on Wed, 14 Dec 2011 17:21:36 GMT

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Things certainly have gotten more confusing with RHEL 6 ovz kernel.

beancounters now show cached memory inside vps's instead of on the node. At least I think that is what is happening.

I think free -m was reporting incorrectly inside VPS's because of this and/or vswap on early rhel6 ovz kernels. Not sure if it still is. Still trying to figure it all out myself and meanwhile the kernel developers are still modifying things with memory management on RHEL6 ovz kernel with each new kernel release. I think they are about done now on test kernels but we won't see all the changes until the next stable kernel. Hopefully that will happen soon.

If this node is not in production or not critical I would suggest you load the latest RHEL 6 test kernel if you haven't already to get the latest changes in memory management.

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Subject: Re: How about memory

Posted by [ELectro-X](#) on Thu, 15 Dec 2011 07:00:19 GMT

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Thank you for your answer.

I just to try with the latest testing Kernel 2.6.32-042stab044.9 and i have the same problem. After both machine boot i have 515mo on OpenVZ serveur and 854mo on Virtual Machine.

I have installed iredmail ldap on virtual machine

On a fresh installed virtual machine free -m show 13mo used i think it's good.

### File Attachments

1) [Capture du 2011-12-15 08:00:00.png](#), downloaded 315 times

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