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Subject: Re: Adding Swap space to VE

Posted by [maratrus](#) on Wed, 05 Dec 2007 09:11:28 GMT

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Hi,

Recently Vasily Averin very clearly explained the reason but it was in Russian part of OpenVZ forum.

I'll try to reproduce his idea very precisely.

The fact is that you can restrict the userspace memory via privmpages but inside VE we cannot divide it among the SWAP and RAM. In theory all VE's userspace memory can be swapped that is why

we have to represent the swap size inside VE like privmpages.

But also VE's userspace can stay in RAM so we have to take into account privmpages in RAM accounting. So we have take into account privmpages in RAM and in SWAP accounting. That is why inside VE swap is shown like zero.

But if your application uses the top/free output you can switch off /proc/meminfo virtualization by using vzctl's --meminfo parameter. And get the same /proc/meminfo like on host system.

Thank You!

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