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Subject: /proc/meminfo inside VE  
Posted by [Zirafarafa](#) on Thu, 19 Jun 2008 17:02:39 GMT  
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Hi all

I have two identically configured servers, running 2.6.18-53.1.19.el5.028stab053.14

They each have 2 Gb RAM, and 2 Gb swap.

```
cat /proc/meminfo | grep Total
MemTotal:    2073252 kB
HighTotal:   1179440 kB
LowTotal:    893812 kB
SwapTotal:   2096472 kB
VmallocTotal: 110584 kB
HugePages_Total: 0
```

This output is the same on both servers

However, each is running a VE (with identical configs except for the ip and hostname)

Inside VE 102 (on host 1), I get a different /proc/meminfo to VE 103 (on host 2):

On Host 1:

```
vzctl exec 102 "cat /proc/meminfo | grep Total"
MemTotal:    1600000 kB
HighTotal:    0 kB
LowTotal:    1600000 kB
SwapTotal:    0 kB
VmallocTotal: 0 kB
HugePages_Total: 0
```

On Host 2:

```
vzctl exec 103 "cat /proc/meminfo | grep Total"
MemTotal:    2073252 kB
HighTotal:    0 kB
LowTotal:    2073252 kB
SwapTotal:    0 kB
VmallocTotal: 0 kB
HugePages_Total: 0
```

Can anyone explain the difference in this output?

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Subject: Re: /proc/meminfo inside VE  
Posted by [kir](#) on Fri, 20 Jun 2008 08:12:33 GMT  
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Is vzctl version the same? Note that newer vzctl sets meminfo parameter to "privvmpages:1", while older sets it to "off". See --meminfo description in vzctl man page for details.

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Subject: Re: /proc/meminfo inside VE  
Posted by [Zirafarafa](#) on Fri, 20 Jun 2008 11:14:12 GMT  
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same vzctl and vzctl-lib version (3.0.22)

Same setting for /proc/sys/kernel/ve\_meminfo (both 0)

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