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?