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Subject: RAM and Swap misconfigured? :S  
Posted by [silentninja](#) on Fri, 08 Feb 2008 14:08:09 GMT  
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I've noticed that on our VPS server which has 2gb of ram and 4gb of swap memory, it seems to give unlimited ram memory to all vps.. or maybe I am wrong.

Here's the 97.conf file options (where 97 is the ID from a vps):

```
VERSION="2"
ONBOOT="yes"

NUMPROC="400"
NUMTCPSTOCK="500"
NUMOTHERSTOCK="500"
VMGUARSTOCK="102400"
KMEMSTOCK="16384000:18022400"
TCPSTOCK="5365760:10485760"
TCPSTOCK="5365760:10485760"
OTHERSTOCK="1503232:4063232"
DGRAMSTOCK="262144"
OOMGUARSTOCK="102400"
LOCKEDSTOCK="4096"
SHMSTOCK="131072"
PRIVVMPSTOCK="262144:292912"
NUMSTOCK="8192"
NUMSTOCK="200:220"
NUMSTOCK="64"
NUMSTOCK="512"
DCACHESTOCK="4194304:4317184"
PHYSTOCK="9223372036854775807"
NUMSTOCK="300"

DISKSTOCK="20000000:25000000"
DISKSTOCK="7000000:7200000"
QUOTATIME="0"

OFFLINE_MANAGEMENT="yes"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.basic"
IP_ADDRESS="xxx.xxx.xxx.xxx"
CPULIMIT="21"
QUOTAUGIDLIMIT="1000"
HOSTNAME="xxx.xxxxxxxx.xxx"
```

(I've edited the HOSTNAME and IP\_ADDRESS for privacy, all other stuff has been coppedasted).

My Idea is that the VPS has about 256mb of total RAM and some Swap too (ideally 512mb, but i don't know if it's ok on the conf).

Although if you enter the vps and execute a "top" command, it still shows you 2gb of ram and 4gb of swap.. it's like it's not being limited properly, although if I give the vps less memory it shows me a fork issue, so it seems to work.. mostly.

Is there any way to fix this so the TOP shows me only the ram and swap assigned, and also, is my conf file ok to limit my server to 256mb ram and 512mb swap?

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