
Subject: Re: Help Me Understand Please (About Setting Resource Per VE)

Posted by [latheesan](#) on Tue, 09 Sep 2008 14:14:54 GMT

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So, have I done this right? To set the RAM of my VPS to 512 MB RAM, I do this:

```
$ vzctl set VEID --vmguarpages $((256 * 512)) --save
$ vzctl set VEID --privvmpages $((256 * 512)) --save
```

---[Edit]---

Okay, never mind, I think I've worked out how to properly set the RAM now. This IS the correct method. I verified it by using this shell script:

```
#!/bin/bash
#
# http://www.labradordata.ca/home/40
# Revised 02-Feb-2007: include kernel memory (kmemsize) in 'used' calculation
# and show percentages in output.
#
BEAN=`cat /proc/user_beancounters`
GUAR=`echo "$BEAN" | grep vmguar | awk '{ print $4;}'`
PRIV=`echo "$BEAN" | grep privvm | awk '{ print $2;}'`
KMEM=`echo "$BEAN" | grep kmem | awk '{ print $3;}'`
let TOTL=$GUAR/256
let KMMB=$KMEM/1048576
let PVMB=$PRIV/256
let USED=$KMMB+$PVMB
let FREE=$TOTL-$USED
if [ "$FREE" -gt "0" ]; then
    let UPER=$USED*100/$TOTL
    let FPER=100-$UPER
else
    let UPER="100"
    let FPER="0"
fi
echo "VPS Memory:"
echo " Total: $TOTL mb Used: $USED mb (${UPER}%) Free: $FREE mb (${FPER}%)"
```
