Subject: VE memory misconfigured / misreported
Posted by csigman on Wed, 20 Aug 2008 15:38:43 GMT

I've just created a VE running debian with apache, tomcat, mysql, and a custom java server app. On a regular, non-virtual server, the whole thing uses about a half gig of ram at most, however when I've got it running in the VE it is at least reported that it's using a whole lot more than that (about 2 gigs), even when idling, and thus I've tweaked my config to give it a lot more ram (at least inside the VE). Part of my issue stems from a gap in understanding as to what all of the memory configuration options actually do, but none the less, I'd really like to get a config, if possible, that shows a real and reliable amount of memory usage. Below is my current config:

```
KMEMSIZE="119516908:179249920"
LOCKEDPAGES="256:256"
PRIVVMPAGES="14939613:22406240"
SHMPAGES="31504:31504"
NUMPROC="240:240"
PHYSPAGES="0:2147483647"
VMGUARPAGES="415932:2147483647"
OOMGUARPAGES="831864:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"
```

There's a few changes that are still in there from when I was trying to figure it all out, so just be aware if you see something crazy, that it might not be because I'm retarded with the config (even though I kind-of am).