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Subject: Re: TCP: time wait bucket table overflow  
Posted by [ittec](#) on Mon, 27 Oct 2008 12:06:26 GMT  
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here is a problem

2GB RAM = 524288

did you also set the vmguarpages (2GB), oomguarpages (2GB) and shmpages (52428)?

Hi!

Until now, I setup VPS with vzsplit. The most of times I need to increase value of some parameters like privvmpages but not others. However, when I increase privvmpages value I don't do the same with vmguarpages, oomguarpages or shmpages? Have I to do it? I take a results of vzcfgvalidate to guide me.

This is the .conf about one current VPS with a high KMEMSIZE failcount and a lot of troubles of performance. I have a lot of "Time Bucket Overflow" on logs about this VPS. Is a common problem with our web applications.

```
KMEMSIZE="15000000:16000000"
LOCKEDPAGES="256:256"
PRIVVMPAGES="262144:262144"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSAPAGES="0:2147483647"
VMGUARPAGES="33792:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="720:720"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:3563520"
TCPRCVBUF="1720320:3563520"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="50000000:600000000"
DISKINODES="500000:500000"
QUOTATIME="0"
```

```
# CPU fair sheduler parameter  
CPUUNITS="50000"
```

```
VE_ROOT="/vz/root/$VEID"  
VE_PRIVATE="/vz/private/$VEID"  
OSTEMPLATE="centos-5-i386-minimal"  
ORIGIN_SAMPLE="vps.basic"  
IP_ADDRESS="one.ip.addre.ss"  
CPULIMIT="90"  
CPUS="3"
```

Do you see some error on setup? Im curious about it and how to resolve it forever.

Thanks!

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