
Subject: HowTo modify parameters in /etc/sysconfig/vz-scripts/ve-vps conf file

Posted by [andyreed](#) on Mon, 08 Oct 2007 17:59:56 GMT

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I split my dedicated server resources for 3 VEs. These 3 VEs share 2 x 160GB HDs RAID1, and 2GB RAM Memeory, respectively.

----- My conf file -----

```
CLASSID="2"
```

```
VERSION="2"
```

```
# Primary parameters
```

```
VMGUARPAGES="32770:32770"
```

```
# Secondary parameters
```

```
DGRAMRCVBUF="1318528:1318528"
```

```
OOMGUARPAGES="31250:31250"
```

```
OTHERSOCKBUF="1318528:2440832"
```

```
PRIVVMPAGES="500000:750000"
```

```
TCPRCVBUF="2637056:3759360"
```

```
TCPSNDBUF="2637056:3759360"
```

```
# Auxiliary parameters
```

```
CPULIMIT="300"
```

```
CPUUNITS="7370"
```

```
DCACHESIZE="8525184:9525184"
```

```
DISKINODES="55781934:55960128"
```

```
DISKSPACE="5208598:59714458"
```

```
IPENTRIES="3000:4000"
```

```
KMEMSIZE="60252800:121278080"
```

```
LOCKEDPAGES="550:550"
```

```
NUMFILE="20000:25000"
```

```
NUMFLOCK="438:481"
```

```
NUMOTHERSOCK="10000:12000"
```

```
NUMPROC="700:1000"
```

```
NUMPTY="100:200"
```

```
NUMSIGINFO="1024:1024"
```

```
NUMTCP SOCK="1000:2000"
```

```
PHYSPAGES="0:2147483647"
```

```
SHMPAGES="400000:512000"
```

But, when I validate the my conf file, I get the following error message:

```
Error: barrier should be equal to limit for numproc (currently, 700:1000)
```

```
Error: barrier should be equal to limit for numtcpsock (currently, 1000:2000)
```

```
Error: barrier should be equal to limit for numothersock (currently, 10000:12000)
```

```
Error: limit should be = 2147483647 for vmguarpages (currently, 32770)
```

```
Error: barrier should be <= limit for tcpsndbuf (currently, 2637056:2560000)
```

Error: barrier should be <= limit for tcprcvbuf (currently, 2637056:2560000)
Error: barrier should be <= limit for othersockbuf (currently, 2637056:2560000)
Error: limit should be = 2147483647 for oomguarpages (currently, 31250)
Error: barrier should be equal to limit for shmpages (currently, 400000:512000)
Error: barrier should be equal to limit for numfile (currently, 20000:25000)
Error: barrier should be equal to limit for numpty (currently, 100:200)
Error: barrier should be equal to limit for numiptent (currently, 3000:4000)

Would you please help me fix the parameters above? Thank you
