
Subject: high load spikes average of 80

Posted by [mora](#) on Sat, 07 Oct 2006 13:48:23 GMT

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Hello all

i have the following problem

the server average load get too high over 80 or even 100 suddenly then gets okay from itself
when i run top command i cannot find anything causing this and when i run top on the hosted vps i
cannot find any processes having too much load

Hardware node specifications

P4 3.6 HT dual core

1 GB of ram

3 GB swap

kernel

Linux node.xxxx.org 2.6.8-022stab078.21-smp #1 SMP Sat Sep 9 00:34:35 MSD 2006 i686 i686
i386 GNU/Linux

i have 3 vps hosted on the server and they run cpanel with few websites on each vps
and the conf file for each one have this

```
DISABLED="no"
CLASSID="2"
TEMPLATES="devel-ce4/20051122"
ONBOOT="no"
OFFLINE_MANAGEMENT="yes"
OSTEMPLATE="centos-4-i386-default"
VE_TYPE="regular"
SLMMODE="ubc"
ORIGIN_SAMPLE="vps.cpanel"
AVNUMPROC="32567:32567"
NUMPROC="32567:32567"
NUMTCPSOCK="2147483647:2147483647"
NUMOTHERSOCK="2147483647:2147483647"
VMGUARPAGES="6144:2147483647"
KMEMSIZE="2147483647:2147483647"
TCPSNDBUF="2147483647:2147483647"
TCPRCVBUF="2147483647:2147483647"
OTHERSOCKBUF="2147483647:2147483647"
DGRAMRCVBUF="47483647:47483647"
OOMGUARPAGES="6144:2147483647"
LOCKEDPAGES="2147483647:2147483647"
SHMPAGES="2147483647:2147483647"
PRIVVMPAGES="2147483647:2147483647"
NUMFILE="2147483647:2147483647"
NUMFLOCK="2147483647:2147483647"
```

```
NUMPTY="255:255"  
NUMSIGINFO="1024:1024"  
DCACHESIZE="2147483647:2147483647"  
PHYSPAGES="0:2147483647"  
NUMIPTENT="400:400"  
DISKSPACE="20083647:20083647"  
DISKINODES="2147483647:2147483647"  
QUOTATIME="2147483647"  
CPUUNITS="100000"
```

so what is the configuration recommended so each vps cannot use up all cpu resources and make the load average over 80 and make all other vps and the node itself inaccessible i also want to limit maximum usage of ram to 350 Mb each and will this conf be good for a cpanel vps or not waiting your reply thanks
