Subject: Do you have performance issues on the VPS?
Posted by fernandomm on Tue, 01 Dec 2009 11:45:06 GMT
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Hello,

Last weekend i tried to move a high traffic website to a VPS on the same hardware that i was running it before.

I have set the ubc and other parameters like this:

# UBC parameters (in form of barrier:limit)
KMEMSIZE="999999999:999999999"
LOCKEDPAGES="256:256"
PRIVVMPAGES="524288:643072"
SHMPAGES="21504:21604"
NUMPROC="2000:2000"
PHYSPAGES="0:9223372036854775807"
VMGUARPAGES="524288:524288"
OOMGUARPAGES="524288:524288"
NUMTCPSOCK="999999999:999999999"
NUMFLOCK="999999999:999999999"
NUMPTY="16:16"
NUMSIGINFO="1024:1024"
TCPSNDBUF="999999999:999999999"
TCPRCVBUF="999999999:999999999"
OTHERSOCKBUF="999999999:999999999"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="999999999:999999999"
DCACHESIZE="3409920:3624960"
NUMFILE="999999999:999999999"
AVNUMPROC="180:180"
NUMIPTENT="800:800"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="211048576:211153024"
DISKINODES="400000:440000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="153424"

After a while running it (it's the same OS, same apache version and conf, same mysql conf etc.) the apache processes stops working and use a lot of CPU (load goes up to 400-500).

If i strace one of the processes, they do not show anything. Also, the apache logs are not updated the this starts to happen.

It is important to note that user_beancounters do not show any failcount, but the system is unusable.

We have about 400 requests per second, but our current hardware was running fine until me moved to a VPS.

Do you see any configuration issues at my ubc parameters? Could the diskinodes limitation be causing this problem (limiting apache access to disk and making it goes crazy?)?

Anyway, any opinions and experiences about this issue are welcome

Thanks!
