Subject: Strange Memory Problem
Posted by ziceva on Tue, 19 Jan 2010 11:55:28 GMT
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Hy,

I have a rather strange problem with a OpenVPS server ...
The HN is a Core 2 Duo E4500 @2.20 GHz with 3Gb of RAM ...
I've created a VPS with 1Gb of RAM and installed cPanel inside it ... and everything went smooth ... I even run a unixbench, just to see how would it perform ...
I've put a site on this server (ok, it is a rather heavy application... but the 1Gb i reserved for it should be enough) ... and that also worked fine for a few hours ... than the problem:

Now my apache server complains about not having enough memory:

/usr/bin/php: error while loading shared libraries: libXdmcp.so.6: failed to map segment from shared object: Cannot allocate memory

But this is not suported by anything I see on that server/VPS...

/proc/user_beancounters
Version: 2.5
uid resource held maxheld barrier limit failcnt
101:kmemsize 8234055 10406978 67108864 73819750 0
lockedpages 0 0 256 256 0
privvmpages 61470 90406 262144 288358 0
shmpages 23 23 21504 21504 0
dummy 0 0 0 0 0
numproc 42 57 500 500 0
physpages 27087 55108 0 MAX UINT 0
vmguarpages 0 0 262144 MAX UINT 0
oomguarpages 27087 55108 262144 MAX UINT 0
numtcpsock 24 49 750 750 0
numflock 1 5 188 206 0
numpty 1 2 16 16 0
numsiginfo 0 11 256 256 0
tcpsndbuf 420096 630144 3440640 5406720 0
tcprcvbuf 393216 543296 3440640 5406720 0
othersockbuf 67744 219792 1126080 2097152 0
dgramrcvbuf 0 8472 262144 262144 0
numothersock 35 40 750 750 0
dcachesize 0 0 16777216 19293798 0
numfile 1318 1572 9312 9312 0
dummy 0 0 0 0 0
dummy 0 0 0 0 0
dummy 0 0 0 0 0
numiptent 29 29 128 128 0

```
free -m
             total       used       free     shared    buffers     cached
Mem:          1024        240        783          0          0          0
-/+ buffers/cache:        240        783
Swap:            0          0          0
```

and on the HN:

```
free -m
             total       used       free     shared    buffers     cached
Mem:          3011       1514       1496          0        186        828
-/+ buffers/cache:        499       2511
Swap:         2732          0       2732
```

On the HN there is nothing else running ... on the VPS I have:

```
init-+-cpanellogd
     |-cpsrvd-ssl
     |-crond
     |-dbus-daemon
     |-dovecot-+-dovecot-auth
     |         |-2*[imap-login]
     |         `-2*[pop3-login]
     |-exim
     |-httpd---12*[httpd]
     |-mysqld_safe---mysqld---3*[{mysqld}]
     |-pure-authd
     |-pure-ftpd
     |-queueprocd
     |-snmpd---{snmpd}
     |-spamd---spamd
     |-sshd
     |-tailwatchd
     `-vzctl---bash---pstree
```

I really don't get what is happening ... everything else is working fine, my apache server is serving static pages just fine ... At first I thought it was a apache/php thing so I recompiled ... no luck there ... (restarting the HN/VPS did not help either)

Thank you

PS Both the HN and the VPS have CentOS 5 X86_64