
Subject: CPU resources real / user / system
Posted by [yahbluez](#) on Wed, 19 Dec 2007 12:03:27 GMT
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Gents,

i'm running OVZ on an xeon dual quad core system, that means 8 cores and a lot of memory (16G).

I try to find out the max usefull number of running VE.
Doing all the same small job.

Running VEs i got
(all values are seconds taken from time)

1VE
30real 11user 25system

2VE
37real 11user 36system

3VE
60real 11user 70system

4VE
97real 12user 124system

8VE
276real 14user 260system

I wonder why the amount of system time increases so dramatically.
Can't believe that 2VEs are the maximum number to get the highest troughput for this applikation.

Especially when i compare 1VE with a (nearly) 1:2 ratio of user:system with 2VEs or 8VEs where this ratio screws down to 1:19.

Any idea?

best regards and thank you for OVZ!

This is the conf i used:

```
# Primary parameters
NUMPROC="1280:1280"
AVNUMPROC="640:640"
NUMTCPSOCK="1280:1280"
NUMOTHERSOCK="1280:1280"
```

VMGUARPAGES="39226:9223372036854775807"

Secondary parameters

KMEMSIZE="52496832:57746515"

TCPSNDBUF="12256064:17498944"

TCPRCVBUF="12256064:17498944"

OTHERSOCKBUF="6128032:11370912"

DGRAMRCVBUF="6128032:6128032"

OOMGUARPAGES="39226:9223372036854775807"

PRIVVMPAGES="235356:258891"

Auxiliary parameters

LOCKEDPAGES="2563:2563"

SHMPAGES="23535:23535"

PHYSPAGES="0:9223372036854775807"

NUMFILE="20480:20480"

NUMFLOCK="1000:1100"

NUMPTY="128:128"

NUMSIGINFO="1024:1024"

DCACHESIZE="11452893:11796480"

NUMIPTENT="31:31"

DISKSPACE="167545:184300"

DISKINODES="744016:818418"

#

CPUUNITS="8888"

VE_ROOT="/vz/root/\$VEID"

VE_PRIVATE="/vz/private/\$VEID"

ORIGIN_SAMPLE="64"