
Subject: Need help in understanding example resource config
Posted by [mallah_rajesh](#) on Mon, 26 Mar 2007 21:25:59 GMT
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Hi,

Below is an example config given in
Virtuozzo Mgmt of System Resources Guide.
can any one explain how the Total Mem has
been calculated/estimated in the helper values
section using the Primary,Secondary and Aux
parameters.

The Guide is available at:

<http://www.thomas-krenn.com/upload/documentbox/VzLinuxResourcesMgmt.pdf>

Power: 2GB/8 (HN Mem/ Recommended num of VPS)

Helper Values:

Total mem: 248MB
Kernel mem: 42304 KB
User mem: 200 MB

Primary Parameters:

numproc : 400
numtcpsoc: 500
numothersock: 500
vmguarpages: 102,400

Secondary Parameters: (Barrier:Limit)

kmemsize: 16,384,000:18,022,400
tcpsndbuf: 5,536,760 : 10,485,760
tcprcvbuf: 5,365,760 : 10,485,760
othersockbuf: 1,503,232: 4,063,232
dgramrcvbuf: 262,144
oomguarpages: 102,400

Auxiliary Parametrs:(Barrier:Limit)

lockedpages: 4,096
shmpages: 131,072

privvmpages: 262,144: 292,912
numfile: 8192
numflock: 200/20
numpty: 64
numsignfo: 512
dcachesize: 4,194,304:4,317,184

Regds
Mallah.
