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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>

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

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

-----  
numproc : 400  
numtcpsock: 500  
numothersock: 500  
vmguarpages: 102,400

Secondary Parameters: (Barrier:Limit)

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

Auxiliary Parameters:(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.

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