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Subject: \*SOLVED\* lowmem i386 vs amd64  
Posted by [MaFL](#) on Sat, 21 Apr 2007 11:36:58 GMT  
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Hi,

I'm running 2 openvz boxes. One is i386, the other amd64.  
Hardware is the same (amd64/2gb), only the installed architecture differs.

On the amd64 lowmem is 802mb, but the i386 only has 348mb?  
The wiki says lowmem=832 or less if memory size is lower than that.  
I found nowhere another restriction?

Anyone has an idea?

	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
i386:	348.00	348.00	1990.00	3943.00	3943.00	3943.00	3943.00	3943.00
amd64:	802.00	802.00	2006.00	3920.00	3920.00	3920.00	3920.00	3920.00

meminfo on i386:  
LowTotal: 894312 kB

meminfo on amd64:  
LowTotal: 2055048 kB

Tnx Matt

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Subject: Re: lowmem i386 vs amd64  
Posted by [MaFL](#) on Sun, 22 Apr 2007 16:58:50 GMT  
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I found it by myself.

vzmemcheck always multiplies lowtotal\*0.4

Also if the output shows the values in MB.

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