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Subject: malloc failed (31007702 bytes): Cannot allocate memory

Posted by [hyla](#) on Tue, 07 Dec 2010 17:34:40 GMT

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Hello,

I'm quite new to the OpenVz tools and concepts

but I have a doubt

I have a VM on VirtualBox running Debian Squeeze 32 bits, with 512M of RAM that runs some java applications, when all applications are running I get almost 100M of free memory

I want to migrate this VM to OpenVz, then I created a VE with 512M, at least I think so, and when I start half of the applications I run it consumes all my 512M, I don't think the application is using all of this

I don't know how this work, if OpenVz needs more memory to run, or if I didn't set the VE correctly

please gives me help or explain how does it work

Thanks in advance,  
Wagner

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Subject: Re: malloc failed (31007702 bytes): Cannot allocate memory

Posted by [Ales](#) on Tue, 07 Dec 2010 18:49:07 GMT

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Could you please post what your 'top' shows and the container settings?

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Subject: Re: malloc failed (31007702 bytes): Cannot allocate memory

Posted by [hyla](#) on Tue, 07 Dec 2010 20:01:59 GMT

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the top of the container is attached

here is the /proc/user\_beancounters of the container

cat /proc/user\_beancounters

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
38:	kmemsize	5580910	8351866	9123104143	9123104143	
	0					
	lockedpages	0	101	256	256	66
	privvmpages	128920	231903	131072	262144	

56875

shmpages	1	1936	21504	21504	0
dummy	0	0	0	0	0
numproc	107	172	240	240	0
physpages	40936	92920	0	9223372036854775807	
vmguarpages	0	0	9123104143	9123104143	
oomguarpages	40936	92920	262144	384000	
numtcpsock	18	31	360	360	0
numflock	8	20	188	206	0
numpty	1	3	16	16	0
numsigninfo	0	36	256	256	0
tcpsndbuf	174400	503712	1720320	2703360	
tcprcvbuf	163840	223496	1720320	2703360	
othersockbuf	168776	207520	1126080	2097152	
dgramrcvbuf	0	2312	262144	262144	0
numothersock	130	151	360	360	0
dcachesize	561145	740818	3409920	3624960	
numfile	2182	3093	9312	9312	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	10	10	128	128	0

Thanks

## File Attachments

1) [top.png](#), downloaded 173 times

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