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Subject: Re: fork: Cannot allocate memory on CPanel system  
Posted by [Markus Hardiyanto](#) on Wed, 16 May 2007 07:56:02 GMT  
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Well i set the privvmpages to 2G:3G and it seems the "could not allocate memory" error is gone.

any way my other question is not yet have an answer:

> other question: how to configure the VE so its using:  
> 512MB RAM burstable to 758MB  
> maximum 1024MB of SWAP

Best Regards,  
Markus

----- Original Message -----

From: Vasily Tarasov <[vtaras@openvz.org](mailto:vtaras@openvz.org)>  
To: Markus Hardiyanto <[informatics2k1@yahoo.com](mailto:informatics2k1@yahoo.com)>  
Cc: [users@openvz.org](mailto:users@openvz.org)  
Sent: Tuesday, May 15, 2007 1:23:45 PM  
Subject: Re: [Users] fork: Cannot allocate memory on CPanel system

Hello,

privvmpages parameter limits the amount of `_allocated_` memory, but not used! Read this and related articles for more information:  
[http://wiki.openvz.org/UBC\\_secondary\\_parameters](http://wiki.openvz.org/UBC_secondary_parameters)

HTH,  
Vasily

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HTH,  
Vasily

On Mon, 2007-05-14 at 19:04 -0700, Markus Hardiyanto wrote:

> Hi,  
>  
> I'm running CentOS 4.4 and CPanel on VE. I'm experiencing a lot of "fork: Cannot allocate memory" error message.  
> I saw on `/proc/user_beancounters` that I hit the privvmpages limit. but i already set it quite big: 512M:768M why I'm still get "fork: Cannot allocate memory" ?  
>

```
> #free -m
>      total    used    free   shared  buffers   cached
> Mem:    1002    943     59       0     132     382
> -/+ buffers/cache:    428    574
> Swap:    2047     0    2047
>
>
> the swap is even not being used.
>
> how to fix this? it's only 1 VE on the hardware node.
>
> other question: how to configure the VE so its using:
> 512MB RAM burstable to 758MB
> maximum 1024MB of SWAP
```

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