Subject: fork: Cannot allocate memory on CPanel system
Posted by Markus Hardiyanto on Tue, 15 May 2007 02:04:08 GMT
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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

thank you

Best Regards,
Markus

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Subject: Re: fork: Cannot allocate memory on CPanel system
Posted by Vasily Tarasov on Tue, 15 May 2007 06:23:45 GMT
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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

HTH,
Vasily

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On Mon, 2007-05-14 at 19:04 -0700, Markus Hardiyanto wrote:
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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>
To: Markus Hardiyanto <informatics2k1@yahoo.com>
Cc: users@openvz.org
Sent: Tuesday, May 15, 2007 1:23:45 PM
Subject: Re: [Users] fork: Cannot allocate memory on CPanel system

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