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Subject: **\*SOLVED\*** process count and stable kernel  
Posted by [leofs](#) on Sun, 06 May 2007 21:44:13 GMT  
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Hi,

I think it's a bug, but not found in bugzilla, just to be sure I will speak about it here and then report it if needed.

In some VE, the number of processes seems to be wrong:

VPSID	NPROC	STATUS	IP_ADDR	HOSTNAME
1001	63	running	xx.yy.136.88	promo.yop.com
1002	12	running	xx.yy.138.6	video.yop.com
1003	24	running	xx.yy.136.86	db.yop.com
1004	13	running	xx.yy.137.206	forum.yop.com
1005	12	running	xx.yy.137.2	devel.yop.com

```
[root@main.yop.com ~] # vzctl exec 1001 ps aux | wc -l
13
[root@main.yop.com ~] # vzctl exec 1002 ps aux | wc -l
14
[root@main.yop.com ~] # vzctl exec 1003 ps aux | wc -l
17
[root@main.yop.com ~] # vzctl exec 1004 ps aux | wc -l
15
[root@main.yop.com ~] # vzctl exec 1005 ps aux | wc -l
```

Like you see, the number is false in 1001, 1003 but correct in the other, can be some reason for that ?

I run 2.6.18-028stab023 on debian etch.

My second question is what stable kernel to choose knowing that a new one is released every 3 days... I plan to keep the 2.6.18-028stab023 but that problem said me to upgrade I admin my server remotly and it is in production now, so I didn't want to try every release.

Thank you.

Regard.

Leo

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Subject: Re: process count and stable kernel  
Posted by [Vasily Tarasov](#) on Mon, 07 May 2007 07:16:51 GMT  
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Hello,

Quote:

```
[root@main.yop.com ~] # vzlist
VPSID NPROC STATUS IP_ADDR HOSTNAME
1001 63 running xx.yy.136.88 promo.yop.com
1002 12 running xx.yy.138.6 video.yop.com
1003 24 running xx.yy.136.86 db.yop.com
1004 13 running xx.yy.137.206 forum.yop.com
1005 12 running xx.yy.137.2 devel.yop.com

[root@main.yop.com ~] # vzctl exec 1001 ps aux | wc -l
13
[root@main.yop.com ~] # vzctl exec 1002 ps aux | wc -l
14
[root@main.yop.com ~] # vzctl exec 1003 ps aux | wc -l
17
[root@main.yop.com ~] # vzctl exec 1004 ps aux | wc -l
15
[root@main.yop.com ~] # vzctl exec 1005 ps aux | wc -l
```

Like you see, the number is false in 1001, 1003 but correct in the other, can be some reason for that ?

As you probably know `ps aux` command outputs only processes, but not threads. And `vzlist` command shows all processes number including threads number in VE. You can try to give: HN# vzctl exec 1001 ps -eLf | wc -l command to get all processes number in VE and compare it to `vzlist` output.

Thanks,  
Vasily

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Subject: Re: process count and stable kernel  
Posted by [leofs](#) on Mon, 07 May 2007 12:44:33 GMT  
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You are right. Thanks.

Can I keep the 2.6.18-028stab023 or I should update the the latest stab ?

Leo

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Subject: Re: process count and stable kernel

Posted by [Vasily Tarasov](#) on Tue, 08 May 2007 07:19:12 GMT

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There are two reasonable strategies:

- always use the latest kernel
- update kernel only if something doesn't work

Both of them have some advantages and disadvantages. So it is probably a matter of taste

I personally prefer 1st strategy.

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