Subject: *SOLVED* process count and stable kernel
Posted by leofs on Sun, 06 May 2007 21:44:13 GMT

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

Subject: Re: process count and stable kernel
Posted by Vasily Tarasov on Mon, 07 May 2007 07:16:51 GMT

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

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

Subject: Re: process count and stable kernel

Posted by Vasily Tarasov on Tue, 08 May 2007 07:19:12 GMT

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.