
Subject: failcnt in privvmpages
Posted by [iLinux85](#) on Wed, 31 Oct 2012 18:35:14 GMT
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how could i fix privvmpages failcnt for the following UBC result

```
kmemsize      23180312  42371648 2147483646 2147483646      0
lockedpages   8189      8197   999999   999999      0
privvmpages   813490   1104963 1048576 1048576   3940
shmpages      67434    267043  524288  524288      0
numproc       142      311   999999   999999      0
physpages     246534   356916      0 2147483647      0
vmguarpages   0         0   524288 2147483647      0
oomguarpages  251168   359874  524288 2147483647      0
numtcpsock    53       173  7999992 7999992      0
numflock      22       43   999999   999999      0
numpty        1         3  500000  500000      0
numsiginfo    1         31   999999   999999      0
tcpsndbuf     1032640  2811200 214748160 396774400      0
tcprcvbuf     868352   3450496 214748160 396774400      0
othersockbuf  83840    4310528 214748160 396774400      0
dgramrcvbuf   0        443712 214748160 396774400      0
numothersock  62       206  7999992 7999992      0
dcachesize    2413004  2743012 2147483646 2147483646      0
numfile       7780     9649  23999976 23999976      0
numiptent     39       39   999999   999999      0
swappages     4634     4662      0      0      0
```

Subject: Re: failcnt in privvmpages
Posted by [seanfulton](#) on Sun, 11 Nov 2012 12:37:19 GMT
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What kernel are you using?

Subject: Re: failcnt in privvmpages
Posted by [iLinux85](#) on Mon, 12 Nov 2012 21:25:42 GMT
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Linux 2.6.18-274.7.1.el5.028stab095.1PAE #1 SMP Mon Oct 24 21:55:06 MSD 2011 i686 i686
i386 GNU/Linux

Subject: Re: failcnt in privvmpages

Posted by [seanfulton](#) on Mon, 12 Nov 2012 21:45:32 GMT

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If you can, upgrade to the 2.6.32 kernel series (RH6). It makes memory management very simple, just

```
vzctl set VEID --physpages 0:xG --save  
vzctl set VEID --swappages 0:xG --save
```

If you can't do that, try running vzsplit. It will divide your machine into even chunks and you can tweak from there.

Just increasing privvmpages:

```
vzctl set VEID --privvmpages ##:## --save
```

is a quick fix but that setting is one of three or five that control memory and it is difficult to tweak them if you don't know what you are doing. What will happen is you will likely get things mis-aligned and then when the system gets under load you will have problems. The easiest thing to do is run RHEL6/CENTOS6/SL6--the new kernels are much, much easier to manage.

sean
