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Subject: \*SOLVED\* many procs caught in D state, reason undetermined

Posted by [rickb](#) on Thu, 17 May 2007 21:33:31 GMT

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Hello. my disk i/o is not saturated, no kernel panics, no storage layer messages/errors in kernel ring buffer.

Many procs are caught in the D state, example:

```
Quote:nobody 26807 0.0 0.1 37348 11008 ?    D  12:14  0:02 | \_
/usr/local/apache/bin/httpd -DSSL
nobody 26857 0.0 0.1 37160 11160 ?    D  12:14  0:05 | \_ /usr/local/apache/bin/httpd
-DSSL
nobody   0.0 0.1 37164 11156 ?    D  12:15  0:02 | \_ /usr/local/apache/bin/httpd -DSSL
```

```
[root@hydrogen ~]# ps axf -o pid,wchan,comm | egrep "26807|26857|26875"
```

```
26807 refrag | \_ httpd
```

```
26857 refrag | \_ httpd
```

```
26875 refrag | \_ httpd
```

I could not find any info about the refrag kernel function on google. any insight?

v2.6.18 openvz

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Subject: Re: many procs caught in D state, reason undetermined

Posted by [rickb](#) on Thu, 17 May 2007 22:19:57 GMT

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nevermind, this is related to the online migration ability.

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Subject: Re: many procs caught in D state, reason undetermined

Posted by [Vasily Tarasov](#) on Fri, 18 May 2007 06:36:18 GMT

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Rick, can you tell us in more details what have you found out?

Thanks in advance,  
Vasily.

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Subject: Re: many procs caught in D state, reason undetermined

Posted by [rickb](#) on Fri, 18 May 2007 12:46:04 GMT

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Thanks Vasily, I was running some live migrations, but I didn't have time to document the problem/situation. I feel that cancelling a live migration can render the VE unusable on both nodes. I'll work on duplicating this another day.

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