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Subject: Processes in D state

Posted by [esezako](#) on Mon, 01 Feb 2010 09:50:33 GMT

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Hi, my kernel is 2.6.24-5-pve.

I have various processes in D state:

ps axl | grep D

F	UID	PID	PPID	PRI	NI	VSZ	RSS	WCHAN	STAT	TTY	TIME	COMMAND
4	104	2579	9109	20	0	5024	2116	refrig D	?	0:00		cleanup -z -t unix -u -c
4	104	2842	9109	20	0	5016	2088	refrig D	?	0:00		cleanup -z -t unix -u -c
4	104	3006	9109	20	0	5024	2092	refrig D	?	0:00		cleanup -z -t unix -u -c
0	10022	4547	4865	20	0	4796	1536	refrig D	?	0:00		/usr/sbin/postdrop -r
0	10006	4557	4865	20	0	4796	1544	refrig D	?	0:00		/usr/sbin/postdrop -r

How can i delete this processes?

Why this processes go in D state?

Thank's

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Subject: Re: Processes in D state

Posted by [esezako](#) on Wed, 03 Feb 2010 08:42:03 GMT

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Hi i think the problem is vldump.

This is the log of the backup:

Detailed backup logs:

```
vldump --quiet --node 2 --snapshot --compress --dumpdir /vz/backups --mailto  
xxx@xxxxxxxxxx.com 101
```

```
101: Feb 03 01:00:04 INFO: Starting Backup of VM 101 (openvz)  
101: Feb 03 01:00:04 INFO: CTID 101 exist mounted running  
101: Feb 03 01:00:04 INFO: status = CTID 101 exist mounted running  
101: Feb 03 01:00:04 INFO: mode failure - unable to detect lvm volume group  
101: Feb 03 01:00:04 INFO: trying 'suspend' mode instead  
101: Feb 03 01:00:04 INFO: backup mode: suspend  
101: Feb 03 01:00:04 INFO: bandwidth limit: 10240 KB/s  
101: Feb 03 01:00:04 INFO: starting first sync /var/lib/vz/private/101/ to  
/vz/vztmp/vldumptmp4125  
101: Feb 03 02:21:37 INFO: file has vanished:
```

```

"/var/lib/vz/private/101/home/www/webx/user/webx_xxx/Maildir/courierimapkeywords/1265157441
.15611_0.ns1"
101: Feb 03 03:29:29 INFO: Number of files: 414584
101: Feb 03 03:29:29 INFO: Number of files transferred: 385141
101: Feb 03 03:29:29 INFO: Total file size: 68275699091 bytes
101: Feb 03 03:29:29 INFO: Total transferred file size: 68273214154 bytes
101: Feb 03 03:29:29 INFO: Literal data: 68306670027 bytes
101: Feb 03 03:29:29 INFO: Matched data: 0 bytes
101: Feb 03 03:29:29 INFO: File list size: 8856510
101: Feb 03 03:29:29 INFO: File list generation time: 0.001 seconds
101: Feb 03 03:29:29 INFO: File list transfer time: 0.000 seconds
101: Feb 03 03:29:29 INFO: Total bytes sent: 68340236533
101: Feb 03 03:29:29 INFO: Total bytes received: 7447274
101: Feb 03 03:29:29 INFO: sent 68340236533 bytes received 7447274 bytes 7623410.16
bytes/sec
101: Feb 03 03:29:29 INFO: total size is 68275699091 speedup is 1.00
101: Feb 03 03:29:29 INFO: rsync warning: some files vanished before they could be transferred
(code 24) at main.c(1058) [sender=3.0.3]
101: Feb 03 03:29:29 INFO: first sync finished (8965 seconds)
101: Feb 03 03:29:29 INFO: suspend vm
101: Feb 03 03:29:29 INFO: Setting up checkpoint...
101: Feb 03 03:29:29 INFO: suspend...
101: Feb 03 03:29:39 INFO: Can not suspend container: Interrupted system call
101: Feb 03 03:29:39 INFO: Error: interrupted or timed out.
101: Feb 03 03:29:39 INFO: Checkpointing failed
101: Feb 03 03:37:51 ERROR: Backup of VM 101 failed - command 'vzctl --skiplock chkpnt 101
--suspend' failed with exit code 16

```

and just at 3:29 i have a dead process

```

ps aux | grep D
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root      22753  0.0  0.0  3104  688 pts/1    S+   09:35   0:00 grep D
postfix   23755  0.0  0.0  5024 2080 ?        D    03:29   0:00 cleanup -z -t unix -u -c

```

Any idea?

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Subject: Re: Processes in D state  
 Posted by [esezako](#) on Thu, 04 Feb 2010 08:36:04 GMT  
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Can someone help me? please  
 The problematic server is a production server.

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Subject: Re: Processes in D state  
Posted by [maratrus](#) on Sat, 13 Feb 2010 09:21:58 GMT  
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Hello,

if you feel that vzdump might cause the problem please  
subscribe to [users@openvz.org](mailto:users@openvz.org) (<http://openvz.org/mailman/listinfo/users>)  
There is a chance that Dietmar Maurer who is an author of that utility will help you via users list  
because he prefer reading it.

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