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Subject: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [acenetBD](#) on Sun, 07 Jun 2009 01:49:18 GMT

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Occasionally when shutting down VEs the following messages are displayed during shutdown:

```
kernel: unregister_netdevice: waiting for lo=xxxxxxx to become free. Usage count = 3 ve=xxx
```

```
kernel: unregister_netdevice: device xxxxxxxx marked to leak
```

```
kernel: free_netdev: device lo=xxxxxxx leaked
```

The VE is then successfully stopped/unmounted.

The last time that this particular HWNode was rebooted, these messages occurred for every VE on the Node. The Node's shutdown process eventually hung and the Node had to be hardbooted.

There are a few older topics on this subject which indicate a kernel bug. This node is however is running the latest available CentOS 5 kernel:

2.6.18-028stab062.3-ent

and those messages still persist.

Individual environments do shutdown eventually after the 'unregister\_netdevice' and 'free\_netdev' messages, but I'm wondering if anyone has any insight as to what's causing them.

Also wondering if anyone's had a similar issue when rebooting a HWNode and having it hang after these messages occur for every VE and how it was resolved.

Thanks

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [maratrus](#) on Mon, 08 Jun 2009 07:37:00 GMT

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The most important (and i suppose the only thing we need at the moment for this issue) is a testcase.

If you find a testcase that reproduces this issue, please, file a bug and post it, otherwise please, don't worry about it, assume this is a warning. But if this issue can lead to any side-effects, e.g. hanging, crashing etc don't hesitate to file a new bug report into bugzilla

<http://bugzilla.openvz.org/>

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [seanfulton](#) on Wed, 10 Jun 2009 22:38:14 GMT

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I have the same problem with the 2.6.18-128.1.1.el5.028stab062.3PAE kernel. Happens on ALL VEs. The problem is that it eventually hangs the machine and has to be power-cycled.

I think this is new. I don't recall having this problem on earlier kernels, although I can't say specifically when it started.

sean

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [schogge](#) on Thu, 18 Jun 2009 15:19:39 GMT

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Same problem here.

2.6.18-128.1.1.el5.028stab062.3ent #1 SMP Tue May 5 18:09:38 MSD 2009 i686 athlon i386 GNU/Linux

Quote:I think this is new. I don't recall having this problem on earlier kernels  
Same for me.

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [nokoya](#) on Fri, 26 Jun 2009 10:31:27 GMT

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same here on 2.6.18-128.1.1.el5.028stab062.3 #1 SMP Sun May 10 18:54:51 MSD 2009 x86\_64 x86\_64 x86\_64 GNU/Linux

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [luispt](#) on Tue, 28 Jul 2009 20:44:57 GMT

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Hello,

I'm having the same problem. Any fix for this?

thanks

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.  
Posted by [disaster](#) on Tue, 11 Aug 2009 07:12:14 GMT  
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Has anyone tested if it is fixed with the newest kernel?

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.  
Posted by [aoscentral](#) on Sun, 16 Aug 2009 06:08:10 GMT  
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disaster wrote on Tue, 11 August 2009 03:12Has anyone tested if it is fixed with the newest kernel?

Hello ,

I had This problem to , I've installed latest kernel"2.6.18-128.2.1.el5.028stab064.4" . It look , The problem solved !

Regards ,  
Mohsen

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.  
Posted by [acenetBD](#) on Mon, 24 Aug 2009 04:21:14 GMT  
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This seems to be resolved in the 2.6.18-028stab064.4-ent kernel as well.

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.  
Posted by [alevchuk](#) on Wed, 24 Feb 2010 20:21:21 GMT  
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I have  
2.6.26.8+openvz-dostoevsky  
vzctl version 3.0.23

My HN gets stuck on shut down, with only this message:

```
""""  
unregistered device: waiting for vzbr0 to become free. Usage count = 1  
""""
```

Message keeps repeating every few second forever.

Alex

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [aoscentral](#) on Wed, 24 Feb 2010 20:26:02 GMT

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Hello ,

Please attach the /var/log/messages

Thank you

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Subject: Re: kernel: unregister\_netdevice: waiting for lo to become free.

Posted by [alevchuk](#) on Wed, 24 Feb 2010 20:38:42 GMT

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I saw about 10 prints of "unregistered device: waiting" on the display when I was physically in the data center.

Attached is all that got into /var/log/messages during shut-down.

Thank you

#### File Attachments

1) [var-log-messages-shutdown-freeze](#), downloaded 754 times

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