

## Re: 2.6.24-rc6-mm1 – git-lblnet.patch and networking horkage

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-12/msg08821.html>

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- *From:* Andrew Morton <[akpm@xxxxxxxxxxxxxxxxxxxxxx](mailto:akpm@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 26 Dec 2007 14:46:21 -0800
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On Thu, 27 Dec 2007 01:16:25 +1100 (EST) James Morris <[jmorris@xxxxxxxxx](mailto:jmorris@xxxxxxxxx)> wrote:

On Wed, 26 Dec 2007, James Morris wrote:

What does the following say ?

```
# sestatus && rpm -q selinux-policy
```

Don't worry about that -- I reproduced it with Paul Moore's git tree:  
[git://git.infradead.org/users/pcmoore/lblnet-2.6\\_testing](http://git.infradead.org/users/pcmoore/lblnet-2.6_testing)

(under current -mm, the e1000 driver doesn't find my ethernet card & the tcl tests won't run without an external interface).

You might need to enable CONFIG\_E1000E.

The offending commit is when SELinux is converted to the new ifindex interface:

```
9c6ad8f6895db7a517c04c2147cb5e7ffb83a315 is first bad commit
commit 9c6ad8f6895db7a517c04c2147cb5e7ffb83a315
Author: Paul Moore <paul.moore@xxxxxx>
Date: Fri Dec 21 11:44:26 2007 -0500
```

SELinux: Convert the netif code to use ifindex values

[...]

In some case (not yet fully identified -- also happens when avahi starts up, although seemingly silently & without obvious issues), SELinux is passed an ifindex of 1515870810, which corresponds to 0x5a5a5a5a, the slab poison value, suggesting a race in the calling code where we're being asked to check an skb which has been freed.

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The SELinux code is erroring out before performing an access check (perhaps there should be WARN\_ON, at least), so this will affect both permissive and enforcing mode without generating any log messages.

Andrew: I suggest dropping the patchset from –mm until Paul gets back from vacation.

OK, thanks.

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