

## Re: Unable to get RealTek 8139C+ to work with re(4) under FreeBSD 6.1

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2006-08/msg00182.html>

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  - *Date:* Mon, 14 Aug 2006 21:42:32 +0900
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On Mon, Aug 14, 2006 at 08:03:35PM +0800, Dinesh Nair wrote:

On 08/14/06 19:09 Pyun YongHyeon said the following:

really sucks and need much more CPU power to saturate the link.  
So I don't think it's good idea to make rl(4) serve 8139C+.

perhaps, but re(4) doesn't work at the moment on this chipset, and i'd rather have something which works, albeit a little poorly, than something which doesn't.

Ok.

Yes. What `ident /boot/kernel/if\_re.ko` shows?

```
$FreeBSD: src/sys/dev/re/if_re.c,v 1.46.2.19 2006/08/07 02:38:07 yongari  
Exp $
```

and the latest if\_rlreg.c which i pulled down shows,

```
$FreeBSD: src/sys/pci/if_rlreg.h,v 1.51.2.7 2006/08/01 17:36:50 wpaul Exp $
```

i'm not using the loadable modules though, and am building the re(4) device into the kernel directly.

the symptoms remain the same, i.e. IP traffic doesn't flow at all, though 'arp -an' does show the ethernet address of the other box attempting to ping this.

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Ok, this is important thing. It means Rx part works as expected.  
Can you see tcpdump output on Tx side while ping command is in progress?

the OP at  
<http://lists.freebsd.org/pipermail/freebsd-stable/2006-August/027356.html>  
mentioned that it was working fine before breakage was introduced relatively recently (~ 2 weeks ago), and thus something's changed in the interim which is causing this to happen.

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Regards,  
Pyun YongHyeon

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