

# Re: gif problems in -STABLE

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2006-12/msg00691.html>

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- *From:* Dimitry Andric <[dimitry@xxxxxxxxxxx](mailto:dimitry@xxxxxxxxxxx)>
  - *Date:* Sun, 31 Dec 2006 06:07:44 +0100
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Sean C. Farley wrote:

I just updated one of my machines from RELENG\_6 as of 2006-11-03, to RELENG\_6 as of 2006-12-29. This caused the IPv6 tunnel which this box uses, which had been doing fine for months, to suddenly stop working.

...

For some reason, the ifconfig command now fails to create the proper routing table entries. With the 2006-11-03 kernel, if I configure my gif0 tunnel as follows:

I can confirm my setup with Hurricane Electric also started failing at some point:

...

I needed to add the following to restore the old (working) behavior:  
ipv6\_static\_routes="defroute"  
ipv6\_route\_defroute="AAAA:BBBB:CCCC:DDDD::1C -interface gif0"

By doing some nice bisection debugging, I've narrowed the problem down to this specific commit:

<http://www.freebsd.org/cgi/cvsweb.cgi/src/sys/netinet6/nd6.c#rev1.48.2.16>

If you revert this change, tunnel configuration will work as before again. I'm now investigating the diff itself, to see if I can find an error in there anywhere... :)

Cheers,  
Dimitry

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