

## Re: gif(4) and bpf(4)

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2005-01/0224.html>

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**From:** Bruce M Simpson (*bms\_at\_spc.org*)

**Date:** 01/25/05

Date: Tue, 25 Jan 2005 15:22:09 +0000  
To: Jeremie Le Hen <jeremie@le-hen.org>

On Tue, Jan 25, 2005 at 04:02:55PM +0100, Jeremie Le Hen wrote:

> *Does any one have other ideas ? It seems the code was partly written*  
> *by sam@, brooks@ and shin@.*

Interesting. It seems gif isn't passing anything back at all. Can you verify that the routes for the addresses you're pinging traverse gif0? I'd probably also try csjp@'s bpfstat tool to get a closer look at what's going on in bpf.

Also try assigning a local address to an instance of gif on the affected system and pinging a destination through it using the `-r` and `-S` options whilst running `tcpdump` to be sure.

Can you post the revision(s) of the source files? e.g.:

src/sys/net/if\_gif.c  
src/sys/netinet/in\_gif.c  
src/sys/netinet6/in6\_gif.c

...and `uname -a`?

Hope this helps,  
BMS

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