

## Re: gre tunnel & ipsec transport mode

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2003-12/0138.html>

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**Date:** 12/17/03

To: [e-masson@kisoft-services.com](mailto:e-masson@kisoft-services.com) (Eric Masson)

Date: Wed, 17 Dec 2003 09:32:31 +0100 (MET)

Eric Masson:

*>I'm experimenting dynamic routing protocols in a vpn setup. Isec tunnel  
>mode is not applicable here as selectors do not appear in system routing  
>table.*

I think the problem is that you need multicasts to exchange routing updates through the tunnel. If I am not mistaken that is supported with gif interfaces as well. Maybe you could do away with gif?

*>On destination box, tcpdump shows incoming ipsec gre transformed  
>packets, but these packets don't make their way to internal interface,  
>and are silently dropped (no log anywhere)*

This is odd. Do you have a chance to test this against another IPsec box, e.g. a Cisco router configured with a GRE Tunnel interface?

Helge

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