

Re: ipsec tunnels & packet length issues

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From: Company 2210 (*company2210_at_hotmail.com*)

Date: 10/29/03

To: <freebsd-net@freebsd.org>

Date: Wed, 29 Oct 2003 16:22:29 -0000

So, what would be a suitable MTU value for an ESP encrypted packet using Blowfish?

Thanks

----- Original Message -----

From: "Helge Oldach" <helge.oldach@atosorigin.com>

To: "Eric Masson" <e-masson@kisoft-services.com>

Cc: <freebsd-net@freebsd.org>

Sent: Wednesday, October 29, 2003 9:04 AM

Subject: Re: ipsec tunnels & packet length issues

> *Eric Masson:*

> >>>>>> "*Michael*" == *Michael Sierchio* <kudzu@tenebras.com> writes:

> >

> > *Michael*> You should allow for an IP header with options and the ESP

> > *Michael*> header, which is smaller than 1450. For SKIP I use 1366 as the

> > *Michael*> advertised MTU, and for IPsec usually 1436, unless I need to

> > *Michael*> accomodate ESP and AH, in which case it's smaller.

> >

> > *Ok, that's fine.*

> >

> > *Michael*> It's a known feature of any sort of IP encapsulation.

> >

> > *I understand.*

> >

> > *I'm no kernel hacker at all, I was just thinking about the ability for*

> > *the tunnel endpoint to send back an icmp packet type 3 code 4 when the*

> > *packet is too long to be encapsulated.*

>

> *Actually this is the case. Or better, it *should* be happening – I don't*

> *know if you see the ICMPs or not. Note that this must be done on the*

> *local tunnel endpoint, not the remote one.*

>

> *Helge*

> _____

freebsd-net: Re: ipsec tunnels & packet length issues

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