

Re: Can't set up an IPsec tunnel.

Source: <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2002-01/7711.html>

From: Eric Anderson (anderson@centtech.com)

Date: 01/24/02

Date: Thu, 24 Jan 2002 14:11:53 -0600
From: Eric Anderson <anderson@centtech.com>
To: Nate Williams <nate@vogotech.com>

I'm not saying B can modify the data, I'm saying A can't trust C's data, since it appears to come from B, and C builds it as if it's coming from C, with no knowledge that B is NAT'ing..

Nate Williams wrote:

>
>> *As far as I know, no, because that would be like a "man in the middle" attack (I*
>> *think). Like this:*
>>
>> *A <--- B ---> C*
>>
>> *If A is talking to C via IPSEC, A tells C it's IP (the true IP) and C tells A*
>> *it's IP (its true IP, behind the masquaraded host), but A sees C as B's IP*
>> *address. How does it know that C knows that B exists?*
>
> *It doesn't matter, since B can't read/modify the traffic A or C*
> *generated.*
>
> *It can certainly mess with the headers all it wants, but that won't help*
> *it figure out what is going on.*
>
> *(Again, this assumes that A & C have authenticated themselves correctly,*
> *per the IPSEC specification. :)*
>
> *Nate*
>
>> *dr3node wrote:*
>>>
>>> *On Thursday 24 January 2002 21:55, you wrote:*
>>>> *IPSEC won't work through masquarading boxes or NAT firewalls.*
>>>>
>>>> *Eric*
>>>
>>> *is there any way way to cheat?*
>>>
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FreeBSD-Security: Re: Can't set up an IPsec tunnel.

> > > with "unsubscribe freebsd-security" in the body of the message
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> >

> > Eric Anderson anderson@centtech.com Centaur Technology
> > If at first you don't succeed, sky diving is probably not for you.
> >

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