

Re: IPsec vs SSH (Was Re: in.telnetd vulnerability??)

Source: <http://www.derkeiler.com/Mailing-Lists/securityfocus/focus-sun/2001-08/0011.html>

From: adam morley (adam@gmi.com)

Date: 08/04/01

Date: Fri, 3 Aug 2001 15:11:49 -0700 (PDT)
From: adam morley <adam@gmi.com>
To: Darren Moffat <Darren.Moffat@eng.sun.com>
Subject: Re: IPsec vs SSH (Was Re: in.telnetd vulnerability??)
Message-ID: <Pine.GSO.4.10.10108031509270.24983-100000@gmi.com>

On Fri, 3 Aug 2001, Darren Moffat wrote:

>>unsupported configuration. So I've been kicking around ssh vs. ipsec
>>internally. im leaning towards either ipsec or skip (total ip encryption) as
>>opposed to just ssh. (granted, the vulnerability is still there, but yeah.)
>
>Just to add more to the mix, what about kerberized telnet/rlogin/rsh/ftp/NFS.

i considered that, but didn't want to have to manage kerberos too. ive got enough stuff to manage. but i have been kicking it around.

>
>On the IPsec vs SSH: they two protocols have very different goals.
>
>IPsec is about protecting everything on the network and isn't about user
>authentication.

right, the user authentication part is not much of an issue, because the network is fairly secure, ie who is accessing it and such.

>
>The SSH protocols contains user and host authentication as well as provision
>for protecting the traffic on route, but it is really just telnet on some
>serious drugs.
>
>What exactly is the threat you want to protect against ?
>
>If it is just network snooping and you control the whole network then
>IPsec might be a very good idea, since SSH only helps the "remote login"
>traffic it won't help your SQL lookups to your Oracle DB or your http
>lookups to that important intranet site.

and that is more the deal, is securing everything w/o having to tunnel it with ssh.

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>
>*Both are very good solutions for what they do but you need to fully*
>*understand what it is you want to protect against.*
>
>
>*IPsec and Kerberos (via SEAM) are your options if you want a fully*
>*supported solution from Sun.*

is kerberos pretty easy to configure and manage? straightforward? the one thing i remember about kerberos is that one has to login to ones key or get their ticket or something to that effect. or is that handled on login?

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>--
>*Darren J Moffat*

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>

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bb&thanks adam Do you know what a kibibit, mebibyte, or gibibyte is? go to <http://physics.nist.gov/cuu/Units/binary.html> to find out!

- ***Previous message:*** [Darren Moffat: "Re: IPsec vs SSH \(Was Re: in.telnetd vulnerability??\)"](#)
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