

Re: Advanced Security Question

Source: <http://www.derkeiler.com/Newsgroups/comp.os.linux.security/2004-08/0159.html>

From: Hammer (hammeraus001_at_yahoo.com)

Date: 08/16/04

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Alexander,

We are a hospital in the process of planning an upgrade of the network. The upgrade will probably include thin clients (getting linux image by TFTP) and wireless.

So basically, what we want to do is reduce the risk (as far as possible) of any unauthorised interaction between any clients/servers.

We want to control all of the traffic on the network to the point and only allow certain traffic from source to destination.

I know it sounds bizarre, but in terms of security & healthcare, you can't go too far.

Thanks to everyone who has posted responses, I'll look further into them.

Hammer

Alexander Clouter <alex@digriz.junk-this.org.uk> wrote in message news:<411d068d\$1_2@127.0.0.1>...

> *On 2004-08-12, Hammer <hammeraus001@yahoo.com> wrote:*

> > *Please forgive me if this is either a stupid question or will only be*

> > *available sometime in the late 24th century. Here goes...*

> >

> *well we all go through this phase....today is your turn :P*

>

> > *Does anyone know how I would set a switched network to direct ALL*

> > *traffic through a linux box for authorisation, authentication, IDS and*

> > *logging. I could use RADIUS, but I've heard there are some flaws with*

> > *it.*

> >

> > *Basically this box is going to check every packet on the network, log*

> > *it, check for "unwanted" activity and/or authorise it. It's going to*

> > *be acting in a super cop role, between clients, secure servers,*

> > *unsecure servers and Internet connection via firewall. Yes - it's a*

> > *firewall and DMZ, but to a greater extent.*

> >

> *Its already been mentioned that what you are after is _routing_ and not doing*

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- > *things by just plugging things into a switch and hoping it all goes through*
- > *that.*
- >
- > *In practice you have two options in a _switched_ environment, one takes a*
- > *passive role whilst the other takes the active one:*