

Re: Linux Firewall ???

Source: <http://www.derkeiler.com/Newsgroups/comp.security.firewalls/2002-04/0980.html>

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Date: 04/09/02

From: eirik@mi.uib.no (Eirik Seim)

Date: 9 Apr 2002 12:57:16 GMT

On Tue, 09 Apr 2002 14:08:24 +0200, Joe Bloggs wrote:

>
> *Eirik Seim wrote:*
>
> > *This is absolutely true, but I like to have the "inside" and "outside" of*
> > *the firewall on two different cables. You are thinking of having more than*
> > *one IP on the network interface card, right? Or didnt I get your point?*
> >
> > *And by the way, the most recent firewalls I configured was on a 100Mbit switch,*
> > *with a gigabit uplink to the Internet :)*
> >
> > > *Or... You could even have it as a layer two bridge filter!*
> >
> > *Sure, but still, I like to have separate cabling for the two network segments,*
> > *and I would not recommend a single homed firewall solution here, or to a*
> > *customer. But as you say, it will _work_.*
> >
> > *Anyone running a setup like this in a production environment? Comments,*
> > *experiences, etc?*
>
> *We had an internet facing single homed box with – yes – two seperate subnets running*
> *into the same lan. Worked just fine but this was eventually changed to the classic*
> *dual style..*

Any particular reason for changing this, if it worked ok?

> *Come to think of it we also ran filtering bridges separately...*
>
> *Gigabit to the internet! Nice.. would love to get kaza on that... but only 100mb to*
> *the wall? Load balancing maybe? What system were they running and howdit cope?*

It's the completely "open" network of the math department at university of bergen, norway. We have a gigabit backbone, but most network servers and clients are only 100Mbit. I have no idea what hardware/software to use if I was to filter the 60–80 GB of daily traffic on the backbone, but I would probably not try a personal firewall for Windows :)

comp.security.firewalls: Re: Linux Firewall ???

I know there is at least one cisco 12000 series in the backbone, but I'm not certain where the filtering, if any, is performed.

The computers I configured packet filtering on were running linux and iptables, handling load just fine. Never did any fine tuning and extensive testing, but there was no noticeable performance difference after applying some 10–20 rules.

– Eirik

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