

## RE: [fw-wiz] Re: IP aliasing behind a PIX

**Source:** <http://www.derkeiler.com/Mailing-Lists/Firewall-Wizards/2003-01/1534.html>

---

**From:** Don Owens ([don@xlogistics.com](mailto:don@xlogistics.com))

**Date:** 01/24/03

From: Don Owens <[don@xlogistics.com](mailto:don@xlogistics.com)>  
To: "Noonan, Wesley" <[Wesley\\_Noonan@bmc.com](mailto:Wesley_Noonan@bmc.com)>  
Date: Fri Jan 24 09:50:01 2003

I wasn't. The dmz port is actually the one being used and nat is turned off. But the routing didn't seem to want to work until I put the original static line in the conf. Then everything thing seemed to be working (but we weren't using any virtual interfaces at that time).

Don

--

Don Owens  
[don@xlogistics.com](mailto:don@xlogistics.com)  
[www.xlogistics.com](http://www.xlogistics.com)  
Express Logistics  
48541 Warm Springs Blvd., Ste. 505  
Fremont, CA 94539

***attached mail follows:***

---

From: "Noonan, Wesley" <[Wesley\\_Noonan@bmc.com](mailto:Wesley_Noonan@bmc.com)>  
To: "'Don Owens'" <[don@xlogistics.com](mailto:don@xlogistics.com)>, [firewall-wizards@honor.icsalabs.com](mailto:firewall-wizards@honor.icsalabs.com)  
Date: Wed, 22 Jan 2003 17:57:53 -0600

Maybe I am just missing something here... but why don't you just not use NAT?

nat (inside) 0

Wes Noonan, MCSE/CCNA/CCDA/NNCSS/Security+  
Senior QA Rep.  
BMC Software, Inc.  
(713) 918-2412  
[wnoonan@bmc.com](mailto:wnoonan@bmc.com)  
<http://www.bmc.com>

> -----Original Message-----  
> From: Don Owens [<mailto:don@xlogistics.com>]  
> Sent: Wednesday, January 22, 2003 11:28

RE: [fw-wiz] Re: IP aliasing behind a PIX

Firewall-Wizards: RE: [fw-wiz] Re: IP aliasing behind a PIX

> *To: [firewall-wizards@honor.icsalabs.com](mailto:firewall-wizards@honor.icsalabs.com)*  
> *Subject: [fw-wiz] Re: IP aliasing behind a PIX*  
>  
> *The problem has been resolved. Thanks to Mike Scher for pointing me to*  
> *the "static" lines in the conf. The intention was to map the entire*  
> *network behind the PIX (1-1 mapping, since the network is public), but*  
> *the entry had a netmask of 255.255.255.255 instead of 255.255.255.224.*  
> *Once I added a line with the correct netmask, the aliases began*  
> *working. However, now I wonder why the main IP on each interface worked*  
> *in the first place ...*  
>  
> *Don*  
>  
> *On Fri, 2003-01-17 at 18:04, Don Owens wrote:*  
> > *Hi guys,*  
> >  
> > *I'm overloading interfaces on Solaris and Linux boxen to have multiple*  
> > *IPs (same network though) behind a PIX firewall. From within the*  
> > *network, the aliases work fine (i.e., the machines are accessible using*  
> > *the aliased IPs). However, when trying to get to them from outside the*  
> > *network, the IPs are unreachable. These are public IPs and the routing*  
> > *works fine for each IP if that IP is the main IP of the box. If I swap*  
> > *the IP of one of the aliases with the main IP, that IP is then*  
> > *reachable. Then the alias works as well until I reboot the PIX.*  
> >  
> > *It seems to me this has to be the PIX, as I have not had this problem in*  
> > *the past using access lists on routers as firewalls. Has anyone else*  
> > *seen this problem? Am I missing a simple setting on the PIX or*  
> > *something?*  
> >  
> > *Any ideas?*  
> >  
> > *Don*  
> >  
> > *--*  
> > *Don Owens*  
> > *[don@xlogistics.com](mailto:don@xlogistics.com)*  
> > *[www.xlogistics.com](http://www.xlogistics.com)*  
> >  
> > *Express Logistics*  
> > *48541 Warm Springs Blvd., Ste. 505*  
> > *Fremont, CA 94539*  
> > *--*  
> > *Don Owens*  
> > *[don@xlogistics.com](mailto:don@xlogistics.com)*  
> > *[www.xlogistics.com](http://www.xlogistics.com)*  
> >  
> > *Express Logistics*  
> > *48541 Warm Springs Blvd., Ste. 505*  
> > *Fremont, CA 94539*  
> >  
> \_\_\_\_\_

RE: [fw-wiz] Re: IP aliasing behind a PIX

Firewall-Wizards: RE: [fw-wiz] Re: IP aliasing behind a PIX

- > *firewall-wizards mailing list*
- > [firewall-wizards@honor.icsalabs.com](mailto:firewall-wizards@honor.icsalabs.com)
- > <http://honor.icsalabs.com/mailman/listinfo/firewall-wizards>

---

firewall-wizards mailing list

[firewall-wizards@honor.icsalabs.com](mailto:firewall-wizards@honor.icsalabs.com)

<http://honor.icsalabs.com/mailman/listinfo/firewall-wizards>