

# Re: ipfw+nat

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2005-12/msg00316.html>

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- *From:* "OxY" <[oxy@xxxxxxxx](mailto:oxy@xxxxxxxx)>
  - *Date:* Tue, 27 Dec 2005 17:08:27 +0100
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hi!

after i can't get it work with ipfw i tried ipnat..  
i am satisfied, it's much more easier..  
now, i can redirect packages from my public ip to localhost...  
for example:  
rdr em0 x.x.x.x/32 port 223 -> 127.0.0.1 port 2233 tcp

how can i make it to redirect packages from x.x.x.x/32 port 223 to another  
public ip on  
the internet?  
if i use this:  
rdr em0 x.x.x.x/32 port 223 -> public.ip.on.the.internet port 80 tcp  
it hangs for a while, then operation timeout...  
thanks!

----- Original Message ----- From: "OxY" <[oxy@xxxxxxxx](mailto:oxy@xxxxxxxx)>  
To: <[freebsd-hackers@xxxxxxxxxxxxx](mailto:freebsd-hackers@xxxxxxxxxxxxx)>  
Sent: Tuesday, December 27, 2005 12:37 PM  
Subject: ipfw+nat

hi all!

i'd like to ask for your help, because i didn't find anything  
related about this topic..  
i have a box, with public ip, which is connected to other  
clients through openvpn (10.254.0.x)  
i'd like to connect to the openvpn client's port (for example  
ssh)  
through a public address port (x.x.x.x 16354)

unfortunately i totally failed in this, can't even forward to  
my boxes openvpn address..

Re: ipfw+nat

tried this:

```
$cmd 00701 fwd 10.254.0.1,22 tcp from any to x.x.x.x 16354
```

no result, connection refused..

it works well with datapipe, however i don't want to set up dozens of datapipes :)

natd is enabled, do i need it? or ipfw divert?

i have the following related in kernel conf:

```
options          IPFIREWALL
options          IPFIREWALL_VERBOSE
options          IPFIREWALL_VERBOSE_LIMIT=5
options          IPFIREWALL_DEFAULT_TO_ACCEPT
options          IPFIREWALL_FORWARD
```

do i need anything else?

thx for all your help and merry christmas!

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