

# Re: Share internet connection/make a small server

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-09/0129.html>

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**From:** Antonio Olivares (*olivares14031\_at\_yahoo.com*)

**Date:** 09/01/05

Date: Thu, 1 Sep 2005 12:10:20 -0700 (PDT)

To: [jvian10@charter.net](mailto:jvian10@charter.net)

----- Jeff Vian <[jvian10@charter.net](mailto:jvian10@charter.net)> wrote:

> On Thu, 2005-09-01 at 04:53 -0700, Antonio Olivares  
> wrote:

>>

>> ----- Jeff Vian <[jvian10@charter.net](mailto:jvian10@charter.net)> wrote:

>>>

>>> On Wed, 2005-08-31 at 17:16 -0700, Antonio

>>> Olivares

>>> wrote:

>>>>

>>>> ----- Jeff Vian <[jvian10@charter.net](mailto:jvian10@charter.net)> wrote:

>>>>>

>>>>> On Wed, 2005-08-31 at 12:20 -0700, Antonio

>>>> Olivares

>>>>> wrote:

>>>>>>

>>>>>> ----- Antonio Olivares

> <[olivares14031@yahoo.com](mailto:olivares14031@yahoo.com)>

>>>>>> wrote:

>>>>>>>

>>>>>>>

>> \*nat

>> :PREROUTING ACCEPT [759:76421]

>> :POSTROUTING ACCEPT [4:288]

>> :OUTPUT ACCEPT [394:23805]

>> -A POSTROUTING -o eth1 -j MASQUERADE

>> -A POSTROUTING -o eth0 -j MASQUERADE

>> -A POSTROUTING -o eth1 -j MASQUERADE

>> -A POSTROUTING -o eth0 -j MASQUERADE

>> -A POSTROUTING -o eth1 -j MASQUERADE

>> -A POSTROUTING -o eth1 -j MASQUERADE

>> COMMIT

>> # Completed on Wed Aug 31 07:52:24 2005

>> [root@rio ~]# cat /proc/sys/net/ipv4/ip\_forward

>> 1

Fedora: Re: Share internet connection/make a small server

> > [root@rio ~]#  
> >  
> > *Thanks for all your help and suggestions. It will*  
> > *work. It is just a matter of finding where things*  
> > *are*  
> > *stopping.*  
> >  
> > *Best Regards,*  
> >  
> > *Antonio*  
> >  
>  
> *Attached is a basic script for a firewall/router*  
> *like you are using.*  
>  
> *Simply put it somewhere on the linux box, make it*  
> *executable, then as*  
> *root run it.*  
>  
> *After running this script, rerun "service iptables*  
> *save" to save the*  
> *rules so they load automatically when you reboot.*  
>  
> *It should load all the rules you need for a dynamic*  
> *external address on*  
> *eth0, a fixed internal address on eth1, and DNS on*  
> *the external*  
> *network.*  
>  
> *To test that it works, simply retry (from the*  
> *windows box) the ping*  
> *commands I gave earlier, and even try a ping to*  
> *www.yahoo.com.*  
> *If they all work then you should be all set.*  
>  
> *This was generated using fwbuilder which is readily*  
> *available on the net*  
> *from [www.fwbuilder.org](http://www.fwbuilder.org) or on sourceforge.*  
>  
> *HTH*  
> *Jeff*  
>

Now, I cannot access the local network and the internet from the machine. The eth0 device was assigned an IP according to its MAC address and now it does not work, it says that it is active. When I shut down the machine it gave me some weird message which I do not know how to get since I am sending this email from the other machine which has internet access in my classroom.

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Is there a way to solve this issue?

TIA

Antonio

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fedora-list@redhat.com  
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