

## Re: Two ethernet interfaces puzzle

**Source:** <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2004-08/1585.html>

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**From:** Gonzalo ([nomail\\_at\\_nomail.com](mailto:nomail_at_nomail.com))

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Craig Andersen wrote:

. The exception to  
> *that rule is our home routers that usually have a wireless access point*  
> *and Ethernet ports on the same Ethernet segment.*  
>  
> *So while it is not illegal to have 2 IPs on the same subnet, what are*  
> *the objectives in doing this, as it is difficult to guarantee one or the*  
> *other on outbound situations ?*

Craig,

This is currently my situation. I have a linksys router that has both wired ports on the back and serves as a wireless access point. I'll continue to play with this to see if I can get it to work.

What I don't fully understand is why when I use the wireless connection I can surf the internet, send mail, IM, but I cannot connect to my SMB/NFS server, which is no problem on the wired connection.

I can also ping the NFS server using the wireless connection. It just gives an RPC error when I attempt to mount a share.