

Re: Networking

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On Sun, 21 Sep 2003 08:42:22 -0700, Bill Snedden wrote:

> *I have a P333 running W2K that is acting as the host for my small home
> network as well as providing the internet connection for the net. The
> host normally runs W2K but I want to use RH9 instead.*

>

> *My setup:*

>

> *Host*

> - *eth0 connected to cable modem*

> - *eth1 connected to a switch (hub)*

>

> *Clients (3 Windows boxes)*

> - *WinXP connected to hub*

> - *W2K connected to hub*

> - *W98 connected to hub*

> - *DHCP enabled on all*

>

> *The problem:*

> *I can ping the host from all the Win boxes and the host can ping them*

> *fine. The host accesses the internet properly but the clients cannot*

> *nor can they ping any external addresses. I've disabled the Linux*

> *firewall with no change. I haven't tried manually setting the IP*

> *addresses for the Win boxes yet - would that make a difference if*

> *pinging is working?*

First I would configure IP addresses manually as follows:

Gateway (RH9) -> 192.168.0.1

WXP -> 192.168.0.2

W2K -> 192.168.0.3

W98 -> 192.168.0.4

Also, on all the Windows machines, you have to configure the Gateway to
point to 192.168.0.1 and the DNS servers.

It doesn't look like you have enabled IP Masquerading on the RH9 machine. Go to:

alt.os.linux.redhat: Re: Networking

<http://en.tldp.org/HOWTO/IP-Masquerade-HOWTO/>

-or-

<http://tinyurl.com/o4sl>

and you should be able to configure masquerading, which will enable sharing of the internet connection.

Other than that, there should not be any problems with the windows machines connecting.