

RE: Clients can't access internet using DSL Modem directly connected

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I'm no network person by any measure, but I had a similar problem and this is what I did to get around it (and I am positive there are many better ways to do it... I just don't know them). The first thing I did was to open a window into my dsl modem and change the configuration to keep it on at all times. Make sure the dsl modem is set to supply the dhcp information (unless you want to do it yourself at the system level). If the person has a fixed ip address, your dsl modem should be configured accordingly. I purchased a linksys switch and hooked each system into one of the ports and daisy chained my wireless off of that.

My addresses looked something like this:

65.13.xx.xxx (for the fixed ip address)

also be sure to add the DNS and gateway information to the modem as well.

192.168.1.254 for the dsl modem

192.168.1.100 for the first system

192.168.1.101 for the second system... etc...

For each system, the subnet was 255.255.255.0 and the gateway was

192.168.1.254

While this is not the most secure configuration, it got me up and running until I can configure a better solution with a hard firewall and place my server in a dmz. Please be sure to turn on the firewall for your xp systems (since it comes on by default for server 2003).

The method I originally tried was installing two network cards in my server, one connected to the dsl modem and the other to the switch and the other systems. I ran into the same problems you did and suspect the firewall on my server was blocking the incoming traffic from my local systems (or the firewalls on my local systems were contributing to the problem). I didn't have the time (or want to take the risk) of turning off both firewalls and seeing what happened. I think it should have worked, but for whatever reason, it didn't.

Any additional insight from someone that actually knows what they are doing

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would be most helpful!