

Re: Dual network cards for faster networking

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2005-07/msg00299.html>

- *From:* "Neteng" <neteng.ccie@xxxxxxxxxx>
 - *Date:* Mon, 18 Jul 2005 08:30:41 -0500
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Josh,

WEP is not immature, it's just plain insecure. WEP is like using a screen door to keep burglars out of your house. Your communication internally is slow probably because of name resolution. You can keep the wireless, just make sure each PC:

Has a correct IP, SM, DG (use DHCP for that)
Has correct WINS/DNS/HOSTS information
Each is the correct WORKGROUP/DOMAIN

I would suggest setting up one of the boxes to host a DNS server for internal resolution or create the proper hosts file and copy that to each PC (depends which will require less administration). The wireless router can serve DHCP. You will get better performance from a wired network, but if things are not configured correctly on the PC's, it will still be slow.

"Josh Kalish" <_josh_nopam_kalish_@xxxxxxxxxxxxxx> wrote in message <news:ecXqIr0iFHA.2156@xxxxxxxxxxxxxxxxxxxxxxxxxx>

> Hi,

>

> I have a few PC's in one room. There's a Win2000 server and a few WinXp
> Pro boxes. In the other room is a LinkSys 56G wireless router connected
> to my internet. Today I have wireless cards in all my PC's and they can
> get on the net or see each-other's shares via the wireless network.
> Everything is configured with out of the box defaults + 128 bit WEP.
> The router's address is 192.168.15.1. I've got a mix of wireless
> network cards, dLink, Linksys, Netgear.

>

> Now that works well with two exceptions.
> 1. Accessing each-other's shares runs very slowly.
> 2. Sometimes one PC's shares are no longer visible. I have to reboot
> in order to become visible on the net again.

>

> If anyone knows a way to fix these issues, that would be great, but I'm
> guessing it's the nature and imaturity of Wireless networking with WEP.

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> So I thought, since all of these PC's are near each-other in the other
> room, why not just add in a cheap wired network card so they can all
> talk that way, instead of via the wireless. But, here's what I don't
know:
> 1. What TCP/IP settings will I need? I have a feeling that they will
> have a subnet conflict with the wireless.
> 2. Should I make the Win2000 box a DHCP server on that card only? And
> use some other address range?
> 3. How do I steer the PC's to find each-other first on the wired link,
> but then to go wireless first for internet access?
>
> Thanks if anyone can help.
>
> -Josh

• *Follow-Ups:*

- ◆ *Re: Dual network cards for faster networking*
◇ From: Josh Kalish

• *References:*

- ◆ *Dual network cards for faster networking*
◇ From: Josh Kalish
- Prev by Date: *Re: Windows 2000 Idle Port Details*
- Next by Date: *Re: creating a workgroup to share a folder*
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