

## Re: Network Connections x 2 PCs

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-08/msg09308.html>

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- *From:* "Poltonis" <Evenstar@xxxxxxxxxxxx>
  - *Date:* Tue, 16 Aug 2005 04:12:04 -0700
- 

Hi Steve: hope you will be reading this.

So far, we did manage to BOTH have the Local Network and Internet Sharing working simultaneously on the two PCs.

There is no problem with Internet Connection. On the Network, we can see each other's PC, but unable to log on each other's pc. On my system the error is:

"Logon failure: the user has not been granted the requested logon type at this computer." I did a Google search on this message but it's too technical for me.

(Your webpage was very straightforward though). Do you have some practical explanation as to what is "keeping the door shut"?

I spent a lot of time inspecting each item in the Windows Services section, but only a few are disabled.

Tks

Look forward to your reply.

—

Rgds

Poltonis

"Steve Winograd [MVP]" wrote:

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> In article <03699305-2A93-4497-A63C-2D22A6AED1CE@xxxxxxxxxxxx>,
> "Poltonis" <Evenstar@xxxxxxxxxxxx> wrote:
>>> >Hi
>>> >
>>> >My son and I share an "Always On" Cable Internet connection through a 4-port
>>> >hub and cable Network. I want the two computers to connect "locally" and
>>> >share Files, printers and a scanner (without sacrificing the internet
>>> >sharing).
>>> >My efforts on creating this connection were, so far, fruitless.
>>> >Can someone point me in the right direction?
>>> >As I am not technically inclined, "how-to" sites would be of great assistance.
>>> >
>>> >Thanks
>>> >Poltonis
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> > > >  
> > > Details of the two System:  
> > > -----  
> > > Intel Pentiums IIIE, 650 MHz  
> > > Microsoft Windows XP Professional SP2  
> > > Network Card CNet Pro200 PCI Ethernet Adaptor  
> > > 448 MB (SDRAM)  
> > > BIOS Award Software International, Inc.  
> > > Video RADEON 7000 SERIES(64 MB)  
> > > USB1 Controller VIA VT83C572 PCI-USB  
> > >  
> > > Do you have a network hub or a broadband router? The setup is quite  
> > > different for those devices. What's the make and model of your  
> > > device?  
> > >  
> > > If you have a broadband router, run XP's Network Setup Wizard on both  
> > > computers. The Wizard will make all the necessary settings for  
> > > sharing Internet access, files and printers. If the Wizard detects  
> > > the router's shared Internet connection, tell it to use that  
> > > connection. Otherwise, tell it that the computers connect to the  
> > > Internet through a residential gateway.  
> > >  
> > > If you have a hub, the setup depends on how many IP addresses you get  
> > > from your cable Internet provider.  
> > >  
> > > If you have a hub and one IP address, connect the cable connection  
> > > directly to one computer and use Internet Connection Sharing to give  
> > > access to the other one. I've written a web page with details:  
> > >  
> > > Windows XP Internet Connection Sharing  
> > > [http://www.practicallynetworked.com/sharing/xp\\_ics](http://www.practicallynetworked.com/sharing/xp_ics)  
> > >  
> > > If you have a hub and multiple IP addresses, the setup is more  
> > > complicated. Details to follow if requested.  
> >  
> > Hello again Steve  
> >  
> > My son (who is a bit more savvy than me) have confirmed that we have the  
> > "more complicated setup" :hub and multiple IP addresses ( no wonder I  
> > couldn't get it working!)  
> > The IP addresses are assigned automatically by our Cable Interent Provider.  
> >  
> > Please send us the details you mentioned.  
> >  
> > Best Wishes  
> > Poltonis  
>  
> Hello again, Poltonis. OK, here are the details. They apply to a  
> network setup where multiple computers receive individual public IP  
> addresses from a broadband provider through a network hub or switch.  
> They don't apply to the simpler and more common network setup where

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- > multiple computers share a single public IP address through a
- > broadband router.
- >
- > On each computer, install the IPX/SPX protocol for file sharing and
- > disable file sharing on TCP/IP. I've written a web page showing how
- > to do it:
- >
- > Windows XP Network Protocols
- > [http://www.practicallynetworked.com/sharing/xp/network\\_protocols.htm](http://www.practicallynetworked.com/sharing/xp/network_protocols.htm)
- >
- > There are two reasons to use IPX/SPX instead of TCP/IP for file
- > sharing with this setup:
- >
- > 1. If your cable or DSL provider assigns IP addresses in different
- > subnets to your computers, it isn't possible for them to communicate
- > with each other using TCP/IP.
- >
- > 2. Since your computers connect directly to the Internet through the
- > cable or DSL modem, they receive public IP addresses that are
- > accessible by everyone on the Internet. Using TCP/IP for file sharing
- > could let other people access your shared files.
- >
- > Be sure to run a firewall on each computer.
- > --
- > Best Wishes,
- > Steve Winograd, MS-MVP (Windows Networking)
- >
- > Please post any reply as a follow-up message in the news group
- > for everyone to see. I'm sorry, but I don't answer questions
- > addressed directly to me in E-mail or news groups.
- >
- > Microsoft Most Valuable Professional Program
- > <http://mvp.support.microsoft.com>
- >
- .

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• *Follow-Ups:*

- ◆ **Re: Network Connections x 2 PCs**  
◇ From: Steve Winograd [MVP]

• *References:*

- ◆ **Network Connections x 2 PCs**  
◇ From: Poltonis
- ◆ **Re: Network Connections x 2 PCs**  
◇ From: Steve Winograd [MVP]
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