

Re: AD HOC ? Internet OR file and printer sharing but not both?

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From: Chuck (*none_at_example.net*)

Date: 02/07/05

Date: Mon, 07 Feb 2005 14:23:52 -0800

On Mon, 7 Feb 2005 13:15:02 -0800, "John UK" <JohnUK@discussions.microsoft.com> wrote:

>
>
> "Chuck" wrote:
>
>> On Mon, 7 Feb 2005 10:03:03 -0800, "John UK" <John UK@discussions.microsoft.com>
>> wrote:
>>
>> >Am i right in thinking that using an ad hoc wireless connection i can either
>> >have an internet connection between my lap top and my desk top OR a file
>> >sharing connection between my lap top and my desk top but not both? I setup
>> >an ad hoc connection and am currently enjoying surfing the internet from my
>> >bed. But, i am unable to share files between the PC's. When I bridge the
>> >connections I can share files but the internet sharing is no longer
>> >available. Does this sound correct. I have a router tucked away in a cupboard
>> >that i could dust off and use that i used when i had a wired network. I can i
>> >put this to use in some way (Although I would rather not as it would mean a
>> >wired wireless network (wouldnt it) ?
>> >I would appreciate it if u could help with this
>> >Best Regards John UK.
>>
>> John,
>>
>> With the proper setup, you should be able to share the internet, and share
>> files, between your desktop and laptop computers.
>>
>> With ICS running on the desktop (which is the computer connected directly to the
>> internet, right?), ad-hoc WiFi between the two computers should work fine, and
>> should provide both file sharing and internet service to the laptop. If the
>> network setup wizard creates a bridge, delete it, and ICS should work.
>>
>> Please provide a bit more detail about your network. What type of internet
>> service do you have, and how is it connected to your computers? What WiFi

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>> *devices (make and model please) are you connecting to the desktop and laptop?*
>> *Why do you not just get a WAP to attach to your router?*
>>
>> --
>> *Cheers,*
>> *Chuck*
>> *Paranoia comes from experience – and is not necessarily a bad thing.*
>> *My email is AT DOT*
>> *actual address pchuck sonic net*
>>
> *Hi Chuck thanks for your reply*
> *OK lets see. My desktop is connected to the internet with a broadband*
> *connection via a linksys LNE 100TX fast ethernet adapter through our local*
> *cable television provider.*
> *The wireless device attached to my desktop is a BUFFALO WLI-U2-KG54- AI (or*
> *air station G54)*
> *My Laptop has a built in wireless card which is a Intel PRO wireless 2200 BG .*
>
> *I have chosen the microsoft "zero link" option to set up the connection on*
> *both PC's ie i have not used the propriety software supplied with the*
> *wireless devices.*
>
> *The desk top PC uses these connection items*
> *client for microsoft networks*
> *file and printer sharing for microsoft networks*
> *QoS packet scheduler*
>
> *the laptop is using*
> *client for microsoft networks*
> *file and printer sharing for microsoft networks*
> *QoS packet scheduler*
> *AEGIS protocol IEE 802.1 x 2.2.1.0*
> *WLAN transport*
> *Internet Protocol (TCP/IP)*
>
> *As said before I am using an ad hoc wireless connection.*
>
> *Chuck, if I can get away without buying another bit of hardware It will keep*
> *me out of the dog house with the wife LOL.*
>
> *Thanks a lot John*

John,

Let's start with the list of network components. You only need the following items in the list:

Client for Microsoft Networks
File and Printer Sharing For Microsoft Networks
QoS Packet Scheduler (optional)
Internet Protocol (TCP/IP)

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Then, make sure that NetBIOS Over TCP/IP is enabled on both computers. Local Area Connection – Properties – TCP/IP – Properties – Advanced – WINS – Enable NetBIOS over TCP/IP.

What is AEGIS protocol? WLAN transport?

Next, if you're just looking to save the price of a router, you can connect both computers ad-hoc, just run ICS on the desktop.

Run the networking wizard on the desktop, selecting:

- This computer connects directly to the Internet.
- Other computers on my network connect to the Internet through this computer.

After you run the wizard, if it creates a bridge between the Linksys and Buffalo cards, delete the bridge.

Run the networking wizard on the laptop, selecting:

- This computer connects to the Internet through another computer on my network or through a residential gateway.

If you have XP Sp2 on either computer, you can protect using Windows Firewall.

Make sure that the File and Printer Sharing exception is enabled, with scope set to subnet. If not SP2, PLEASE get a third party firewall, and set its Local (Trusted) zone to your subnet. Please use a firewall on the desktop computer, to protect it from the internet, and from the wireless environment. Please use a firewall on the laptop computer, to protect it from the wireless environment.

And please put a wireless router, or WAP, on your list of things to buy, when you're out of the doghouse. You'll be better off in the long run. IT's stupid to tuck a router away in the cupboard, if you're paying for cable broadband, and have two computers.

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Cheers,

Chuck

Paranoia comes from experience - and is not necessarily a bad thing.

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