

Re: Cheapest home network solution?

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-02/0923.html

From: DeeBeez (DeeBeez_at_discussions.microsoft.com)

Date: 02/04/05

Date: Fri, 4 Feb 2005 10:23:07 -0800

Hi Chuck and Joe,

Chuck listed two solutions in his response to Joe below. I have tried the first one and it works using the linksys WRT54GS but I have a problem with parental control setting. I use verizon DSL which comes with parental control but not supported by Linksys, meaning I will have to subscribe to Linksys for this service which I don't want to do. So I tried the second solution. Please see my posting dated 2/2/05 with title "Client cannot communicate with ICS host". The easiest way to find the posting is to search for "DeeBeez". I have done everything you suggested below but the setup still does not work. What else can be done to make this setup work?

Thanks

DeeBeez

"Chuck" wrote:

> On 3 Feb 2005 18:26:03 -0800, **email_address_deleted** (Joe Samangitak) wrote:

>

> >I want to set up a simple WIRELESS home network; to connect 2 desktop

> >PC's

> >wirelessly, in order to share a hi-speed DSL connection. I've

> >currently

> >got one USB DSL modem, both PC's running XP Pro. What do I need to set

> >this up?

> >Is a wireless router necessary, or will the current modem work with 2

> >wireless

> >PCI network cards? Or if I need a wireless router, do I need 2

> >wireless network cards, one in each PC, or does the remote PC only

> >require the network card,

> >since there's already an antenna on the wireless router?

>

> Joe,

>

> The most supported solution in general, for sharing internet service, is a

> router connected to the DSL modem, and both computers connected (wired or

> wirelessly) to the router.

>

> In your case, if the DSL modem has only a USB port (make sure this is the case

- > *please – what is the make and model of the modem?) then you'd need a router with*
- > *a USB WAN link. Or you will have to replace the modem with one that connects by*
- > *Ethernet.*
- >
- > *If your modem truly is USB only, you can't replace the modem with an Ethernet*
- > *connected one, and you can't find a WiFi router with a USB WAN link, then you'll*
- > *have to connect the modem directly to your first computer, and have it serve as*
- > *the router, using ICS.*
- >
- > *The other poster is right about ad-hoc WiFi and ICS. Making it work can truly*
- > *tax your patience. You're going to need a WiFi router connecting the ICS host*
- > *and client. You'll also need a network card (wired or WiFi), in the host*
- > *computer, to connect to the router.*
- >
- > *You'll need to connect the host and client as peers to the router. If you're*
- > *using ICS on the host, you'll have to setup the router very carefully.*
- >
- > *1) The router LAN interface will have to be something like 192.168.0.100 – the*
- > *host computer will be 192.168.0.1, thanks to ICS.*
- > *2) Disable DHCP on the router – ICS on the host computer will provide a DHCP*
- > *server.*
- > *3) Setup the client computer to get IP address and DNS server addresses from*
- > *DHCP.*
- >
- > *When you configure a wireless router, using a wired connection is always best.*
- > *So I would recommend that you install an Ethernet card, if one is not already*
- > *installed) in the ICS host computer. Connect the ICS host to a LAN port on the*
- > *router. Your ICS host will provide routing on your LAN, so the WAN connection*
- > *on the router must be unconnected.*
- >
- > *In summary, you need:*
- > *1) WiFi router.*
- > *2) Ethernet card in the ICS host.*
- > *3) WiFi card in the ICS client.*
- >
- > *Please let us know how this works for you – this is a complicated setup, but one*
- > *that should be doable.*
- >
- > *And Joe, posting your email address openly will get you more unwanted email,*
- > *than wanted email. Learn to munge your email address properly, to keep yourself*
- > *a bit safer when posting to open forums. Protect yourself and the rest of the*
- > *internet – read this article.*
- > *http://www.mailmsg.com/SPAM_munging.htm*
- >
- > --
- > *Cheers,*
- > *Chuck*
- > *Paranoia comes from experience – and is not necessarily a bad thing.*
- > *My email is AT DOT*
- > *actual address pchuck sonic net.*
- >