

Re: Unable to connect to my wireless laptop

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2006-11/msg00355.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-11/msg00355.html)

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- *From:* Chuck <none@xxxxxxxxxxxx>
  - *Date:* Fri, 10 Nov 2006 07:55:18 -0800
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On Fri, 10 Nov 2006 06:45:01 -0500, "Jim" <jrwolfe@xxxxxxxxxxxx> wrote:

"Chuck" <none@xxxxxxxxxxxx> wrote in message  
<news:022712dgmgsins1bdmfs13t2cc4rgidq1e@xxxxxxxxxxxx>

On Thu, 9 Nov 2006 14:02:37 -0500, "Jim" <jrwolfe@xxxxxxxxxxxx> wrote:

"Chuck" <none@xxxxxxxxxxxx> wrote in message  
<news:0vf612lvpgb5v9pq78rcuj3k09qi7iefjt@xxxxxxxxxxxx>

On Thu, 9 Nov 2006 08:00:22 -0500, "Jim"  
<jrwolfe@xxxxxxxxxxxx> wrote:

I running several XP Pro  
computers on a wired LAN.  
Just purchased a  
laptop  
which I initially added to  
LAN.

I decided I didn't want a  
hardwired connection to my  
laptop so I added a  
wireless router to my  
system. My laptop can  
access the internet through  
the  
wireless router but it can't  
access any of my other LAN  
computers.

Need help please.

Jim,

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You need to use the WiFi router as a WiFi AP, not a router, and keep the same subnet for the laptop.

<<http://nitecruZR.blogspot.com/2005/06/file-sharing-on-lan-with-two-routers.html>>  
<http://nitecruZR.blogspot.com/2005/06/file-sharing-on-lan-with-two-routers.html>

Many thanks for the info but I need more help. I have a little experience in networking but I'm far from an expert.

This is my setup. I go from my main computer to my new wireless router.

Out of the wireless router I go back to my original router – is that the correct setup??

I've tried the procedure below (as best as I understand it) with no success.

My current situation is this:

Can access the internet on both the 2 wired desktop systems as well as my wireless laptop

Can no longer access any of my networked computers  
IP addresses on both desktop systems are out of range (192.168.2.2 and 192.168.1.103)

but IP addresses on main desktop and laptop are in range.

Note: Once I turn off DHCP on the wireless router (step 3 below) and reboot routers I have problems.

TIA

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1. Using a PC wired into the current router, unplug it from the wired connection and plug into a LAN port on the secondary router. Access the secondary router using your browser via its default LAN IP address and default password. Since the PC was attached to the previous

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router you  
will  
have tell the PC to obtain a LAN IP from the new device.  
Use 'winipcfg' in  
win9x or 'ipconfig release/renew' with W2K/XP on the PC.

2. On the secondary router (hereafter called the AP)
  - a. change the default password to a minimum combination of 8 letters/numbers/symbols.
  - b. Change the ESSID to a unique name and make all the necessary wireless configurations.
3. Then, in the AP, go to the LAN setup page:
  - a. Turn DHCP serving OFF.
  - b. Change the LAN IP of the AP from its default so that it lies within the subnet of the primary router but preferably outside the dynamic LAN IP range of the primary router. (examples below)
  - c. Disable or turn RIP off, if there is that option.
  - d. Disable or turn off Universal Plug and Play (UPnP) support (if any).
4. Plug the PC back into the wired connection and repeat the process of getting new LAN IP. A reboot of the PC may be needed.
5. Plug the AP into the router, LAN port TO LAN port directly or via switch/patch panel etc.
6. It may be necessary to reboot one or both routers but one should be able to assign LANIPs wirelessly and connect at this point, ensuring wifi card setup properly.

OK, let's diagnose your problem. Look at "browstat status" and "ipconfig /all",  
from each computer. Read this article, and linked articles, and follow

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instructions precisely (download browstat!):

<http://nitecruZR.blogspot.com/2005/05/troubleshooting-network-neighborhood.html#AskingForHelp>  
<http://nitecruZR.blogspot.com/2005/05/troubleshooting-network-neighborhood.html#AskingForHelp>

The key here is router LAN to AP LAN. And no DHCP on the AP.

Be generous. Provide diagnostic data for each computer, and don't edit the content. The diagnosis may be in the details.

Here is ipconfig info from each computer. The first listing is from the main computer, the last listing is from my laptop.

Jim,

Athlon3000 and Jim are getting DHCP settings from 192.168.2.1; Dell2000 is getting settings from 192.168.1.1. One of those is the WiFi router. If Jim is the laptop, the WiFi router is 192.168.2.1.

You need to:

- 1) Connect Athlon3000, by Ethernet (don't do this by WiFi), directly to a LAN port on the WiFi router. If there is any cable between the two routers, remove that cable at both ends.
- 2) From the browser on Athlon3000, connect to 192.168.2.1.
- 3) Logon to the WiFi router.
- 4) Change its LAN address (manually) to 192.168.1.250.
- 5) Disable its DHCP server.
- 6) Connect an Ethernet cable, from a LAN port on the WiFi router, to a LAN port on the current router.
- 7) Reboot Jim. Test the changes first. Make sure that Jim can connect to the Internet.
- 8) Reboot Athlon3000. Make sure that Athlon3000 can connect to the Internet.
- 9) From Athlon3000, logon, from the browser, to 192.168.1.250. Enable and test security settings (recommend WPA) on Jim. Note you'll be restarting Jim a few times, which is why you must do this from Athlon3000, using Ethernet.

Read this thru and ask questions before starting please.

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Cheers,

Chuck, MS-MVP [Windows – Networking]

<http://nitecruZR.blogspot.com/>

Paranoia is not a problem, when it's a normal response from experience.

My email is AT DOT

actual address pchuck mvps org.

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