

## Re: Windows 2003 – why Windows XP doesn't get ip automatically? Very strange – Please Read

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<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-06/msg11707.html>

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  - *Date:* Thu, 23 Jun 2005 20:14:23 GMT
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Dancer <[spamanihilator@xxxxxx](mailto:spamanihilator@xxxxxx)> wrote:

>Hello,

>

>I have a very strange situation in my network which happened today. Namely  
>I have got 1 windows 2003 server, a couple of winxp workstations and some  
>computers with win98se. One of the functions of the server is being an  
>internet gateway (adsl), and it has static ip 192.168.0.1. The internet  
>connection is shared and the IPs are automatically set on workstations. Yes  
>it worked fine until today.

>

>So what is the problem? No workstation with windows xp can get IP from  
>server which results with no connection. I set a fixed IP on these  
>computers which helped with file and application sharing but – as you can  
>predict – it didn't help with the Internet connection.

>

>What is very strange, while the xp computers have difficulties described  
>above, the workstations with windows 98se easily obtain IP number from  
>server and have internet connection.

>

>Strange, isn't it?

>

>Can you help me with this problem? What could happen in this situation?

>What is the solution? Have you ever coped with problem of this kind?

My suggestion would be to purchase an inexpensive cable/dsl router and dispense with ICS and also turn off the DHCP server function on your Server 2003 system.

Connect your cable/dsl model to the WAN port on the router.  
Connect your server to one of the 4 LAN ports and your hub(s) to another.

That should resolve your problem, improve your network performance, and provide the additional security of a NAT firewall for your Internet connection.

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p.s. I have a client that I recently set up with pretty much exactly this configuration. We connected the 4 LAN ports on the router as follows:

1 to the Windows 2003 server

1 to the hub/switch serving the main floor workstations (5)

1 to the hub/switch serving the second floor workstations (6)

1 to a digital photocopier that is also used as a primary document printer.

Good luck

Ron Martell Duncan B.C. Canada

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Microsoft MVP

On-Line Help Computer Service

<http://onlinehelp.bc.ca>

In memory of a dear friend Alex Nichol MVP

<http://aumha.org/alex.htm>

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• **References:**

- ◆ **[Windows 2003 – why Windows XP doesn't get ip automatically? Very strange – Please Read](#)**

◇ From: Dancer

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