

## RE: Client not acquiring IP address from ICS server

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2006-01/msg00515.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-01/msg00515.html)

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- *From:* "Glen" <[gp2002hw@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:gp2002hw@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 13 Jan 2006 00:01:00 -0000
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Hi Conan

I just re-read the whole thread. In my first response I meant to specifically say the gateway puter must have an ip set to 192.168.0.1. No other will work. The second computer has any ip in the range 192.168.0.2 upwards. It looked like I wrote you could have the gateway ip as a range of addresses but it must be fixed as said. Have you used any registry network hacks, if so try going back to default settings. I have found that they generally don't help and can make things worse. Obviously some might be needed just make sure you keep copies of any keys you alter that way you can always undo the changes weeks later if needed. One thing I do sometimes is make an image of the computer. Reformat and reinstall then setup the network. I have the event id 8032 network browse error and haven't been able to find the fault. I didn't know if the error was something I had done but after reinstalling on both computers I have now established it is a Windows fault. I'm still trying to track it down but I know a lot about what it isn't. Getting back to your problem when you say you couldnt get out onto the internet do you mean you gateway computer couldnt get onto the net? Either way ics shouldn't stop it getting online. If you can only see the other computers shares its probably the firewall. I would uninstall all firewalls and only have the Windows built in firewall enabled on the gateway. Uninstall third party firewalls because disabling them leaves some componants running and can still block networks. Remember the built in firewall stealths the computer just as well as any third party firewall. It just doesn't have outbound protection but you can do without that while troubleshooting. Also do you have Norton Antivirus 2005 or later as that has worm protection which acts like a firewall so turn it off when you are testing. I don't know about other AVs so check out what you are using.

Glen

"Conan Kelly" <[CTBarbarin at msn dot com](mailto:CTBarbarin@msn.com)> wrote in message [news:%23CdAVrXFGHA.3984@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23CdAVrXFGHA.3984@xxxxxxxxxxxxxxxxxxxxxxxx)

> Glen,

>

> Thank you for your suggestions. Please read my response to Tony's post

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> for  
> more info. I tried your suggestion: statically setting the IP address to  
> 192.168.0.2–254 and gateway IP to 192.168.0.1, but I couldn't get out onto  
> the Internet. I could only get to the other computer's shared resources,  
> as  
> usual.  
>  
> Looking back on it now, though, I did not disable ICS. Could this  
> interfere  
> with the other machines ability to get to the internet?  
>  
> Any other ideas will be greatly appreciated,  
>  
> Thanks again,  
>  
> Conan Kelly  
>  
>  
>  
>  
> "Glen" <homer@xxxxxxxxxxxx> wrote in message  
> [news:%23K7XFA4EGHA.1464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23K7XFA4EGHA.1464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
>>I use ICS and found quite often if i get a 169.254 limited error you  
>>should  
>>be able to just manually assign the address. Anything in the range  
>>192.168.0.1 for the gateway ip and 255.255.255.0 for the subnet and  
>>192.168.0.2 to 254 for the connecting puter and 255.255.255.0 for the  
>>subnet. You dont need dhcp for your lan and it does cause problems  
>>sometimes. I've never had an update stop mine working but I have had other  
>>ongoing problems.  
>>  
>> Glen P  
>>  
>>  
>> "Conan Kelly" <CTBarbarin at msn dot com> wrote in message  
>> [news:uuDWMk0EGHA.1464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uuDWMk0EGHA.1464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
>>> Hello all,  
>>>  
>>> My Win XP Pro laptop is normally the one that dials–up, so I've run the  
>>> Network Setup Wizard so that the laptop has ICS enabled with a static IP  
>>> address of 192.168.0.1/24. Our Win XP MCE 2005 machine is set up for  
>>> dynamic IP address. We don't leave the computers physically connected  
>>> all the time because our house isn't wired for networking (I'm just  
>>> running a cable behind the couch and across the floor when we want the 2  
>>> machines connected). The first day I ran the wizard (maybe 3 months  
>>> ago), both machines worked beautifully. But that was for the one day  
>>> only. Pretty much every time I've tried connecting the 2 'puters since  
>>> then, the MCE system could not acquire an address from the laptop (it  
>>> would end up with an address of 169.254.x.x/16).  
>>>  
>>> 2 nights ago, I decided to connect them together, not expecting it to

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>>> work, expecting to have to statically set the IP address. Low and  
>>> behold, the damn thing was working. Tried a registry hack, quit  
>>> working.  
>>> Tonight I reverted my system back to before the registry hack (good  
>>> thing  
>>> I saved a System Restore Point), It was working again. After that, I  
>>> downloaded the Security Update for Windows XP (KB912919), and once again  
>>> it has quit working. I have yet to uninstall this update to see if it  
>>> will fix it.  
>>>  
>>> I guess mainly what I'm interested in is if other people are having the  
>>> same issue with updates affecting their ICS capabilities. I'm pretty  
>>> diligent on keeping the computer updated and I'm wondering if these  
>>> updates are somehow affecting the DHCP functions of ICS.  
>>>  
>>> Any ideas or thoughts on what to check or settings to change (other than  
>>> uninstalling the last update—I'll try that a little later to see if it  
>>> works) will be greatly appreciated. Also, if anyone else is having  
>>> similar problems, let me know.  
>>>  
>>> Thanks for any help anyone can provide,  
>>>  
>>> Conan Kelly  
>>>  
>>  
>>  
>  
>

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