

## Re: Cannot setup ICS in Win2000

**Source:**

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2004-03/0269.html>

---

**From:** Marc Reynolds [MSFT] (*marcrey\_at\_online.microsoft.com*)

**Date:** 03/03/04

Date: Wed, 3 Mar 2004 12:44:45 -0600

is the Intel P4-3.2g configured to get its IP configuration via DHCP or is it statically configured? This computer is missing a default gateway. The DG should be 192.168.0.1

--

Thanks,

Marc Reynolds

Microsoft Technical Support

This posting is provided "AS IS" with no warranties, and confers no rights.

"xjdigger" <smartmt@linc-net.net> wrote in message

news:c709e001.0403031008.4fdclc9b@posting.google.com...

> \* I cannot install Internet connection sharing properly using Windows  
> 2000 Professional.

>

> \* I have followed every Guide that I can find to try and make a  
> internet connection from one computer to another. And fail at every  
> attempt

>

> \* Two computers with crossover cables direct from each network card.

> - Intel PIII-550mhz

> - Intel P4-3.2ghz

>

> \* I can find each computer in the explorer, computers near me, from  
> each computer. And I can transfer files from and to each computer.

>

> \* The Ipconfig in CMD Shows for the Intel PIII-550

> Windows 2000 IP Configuration

> Ethernet adapter Local Area Connection:

> Connection-specific DNS Suffix . :

> IP Address. . . . . : 192.168.0.1

> Subnet Mask . . . . . : 255.255.255.0

> Default Gateway . . . . . :

>

> PPP adapter OnPerfect: ->> This is the Internet Connection

> Connection-specific DNS Suffix . :

> IP Address. . . . . : \*.\*.\*.\*.\*.\*.\* ->> Numbers are

> Blocked Out Intentionally

> Subnet Mask . . . . . : 255.255.255.255

> Default Gateway . . . . . : \*.\*.\*.\*.\*.\*.\* ->> Numbers are

> Blocked Out Intentionally

>

> \* The Ipconfig in CMD Shows for the Intel P4-3.2g

> Windows 2000 IP Configuration

> Ethernet adapter Local Area Connection:

> Connection-specific DNS Suffix . :

microsoft.public.win2000.networking: Re: Cannot setup ICS in Win2000

```
> IP Address. . . . . : 192.168.0.2
> Subnet Mask . . . . . : 255.255.255.0
> Default Gateway . . . . . :
>
> * I cannot Ping Either computer from each other.
>
> * Netdiag Show errors but I do not understand how to correct the
> errors. Both Computers have the same basic Message. Primarily the
> Gateway is failed, But I have found no discriptions on how to use the
> gateway.
>
> C:\WINNT\system32>netdiag
> Computer Name: GARY
> DNS Host Name: gary
> System info : Windows 2000 Professional (Build 2195)
> Processor : x86 Family 6 Model 7 Stepping 3, GenuineIntel
> List of installed hotfixes :
> KB823182, KB823559, KB823980, KB824105, KB824141, KB825119, KB826232
> KB828035, KB828749, Q147222
> Netcard queries test . . . . . : Passed
> [WARNING] The net card 'RAS Async Adapter' may not be working because
> it has
> not received any packets.
> Per interface results:
>
> Adapter : Local Area Connection
> Netcard queries test . . . : Passed
>
> Host Name. . . . . : gary
> IP Address . . . . . : 192.168.0.1
> Subnet Mask. . . . . : 255.255.255.0
> Default Gateway. . . . . :
> Dns Servers. . . . . : 101.102.103.104 -->Was Manually Entered
> AutoConfiguration results. . . . . : Passed
> Default gateway test . . . : Skipped
> [WARNING] No gateways defined for this adapter.
> NetBT name test. . . . . : Passed
> No remote names have been found.
> WINS service test. . . . . : Skipped
> There are no WINS servers configured for this interface.
> Adapter : {BB4D2A17-58EE-45A6-91C8-F91CCA8D60B1}
> Netcard queries test . . . : Passed
> Host Name. . . . . : gary
> IP Address . . . . . : ***.***.***.** --> Numbers are Blocked
> Out Intentionally
> Subnet Mask. . . . . : 255.255.255.255
> Default Gateway. . . . . : ***.***.***.** --> Numbers are Blocked
> Out Intentionally
> NetBIOS over Tcpip . . . . . : Disabled
> Dns Servers. . . . . : 216.204.0.33
> 216.204.102.10
> AutoConfiguration results. . . . . : Passed
> Default gateway test . . . : Failed
> No gateway reachable for this adapter.
> NetBT name test. . . . . : Skipped
> NetBT is disabled on this interface. [Test skipped]
> WINS service test. . . . . : Skipped
> NetBT is disable on this interface. [Test skipped].
> Global results:
> Domain membership test . . . . . : Passed
> Dns domain name is not specified.
> Dns forest name is not specified.
```

microsoft.public.win2000.networking: Re: Cannot setup ICS in Win2000

```
> NetBT transports test. . . . . : Passed
> List of NetBt transports currently configured:
> NetBT_Tcpip_{52CF58BD-EF30-4884-AA87-9CC43CB8E442}
> 1 NetBt transport currently configured.
> Autonet address test . . . . . : Passed
> IP loopback ping test. . . . . : Passed
> Default gateway test . . . . . : Failed
> [FATAL] NO GATEWAYS ARE REACHABLE.
> You have no connectivity to other network segments.
> If you configured the IP protocol manually then
> you need to add at least one valid gateway.
> NetBT name test. . . . . : Passed
> Winsock test . . . . . : Passed
> DNS test . . . . . : Passed
> Redir and Browser test . . . . . : Passed
> List of NetBt transports currently bound to the Redir
> NetBT_Tcpip_{52CF58BD-EF30-4884-AA87-9CC43CB8E442}
> The redir is bound to 1 NetBt transport.
> List of NetBt transports currently bound to the browser
> NetBT_Tcpip_{52CF58BD-EF30-4884-AA87-9CC43CB8E442}
> The browser is bound to 1 NetBt transport.
> DC discovery test. . . . . : Skipped
> DC list test . . . . . : Skipped
> Trust relationship test. . . . . : Skipped
> Kerberos test. . . . . : Skipped
> LDAP test. . . . . : Skipped
> Bindings test. . . . . : Passed
> WAN configuration test . . . . . : Passed
> Entry Name: OnPerfect
> Device Type: Framing protocol : PPP
> LCP Extensions : Disabled
> Software Compression : Enabled
> Network protocols :
> NetBEUI
> IPX
> TCP/IP
> IP Address : Specified
> Name Server: Specified
> IP Header compression : Enabled
> Use default gateway on remote network : Enabled
> Connection Statistics:
> Bytes Transmitted : 19173
> Bytes Received : 265995
> Frames Transmitted : 249
> Frames Received : 225
> CRC Errors : 225
> Timeout Errors : 0
> Alignment Errors : 0
> H/W Overrun Errors : 0
> Framing Errors : 0
> Buffer Overrun Errors : 0
> Compression Ratio In : 0
> Compression Ratio Out : 0
> Baud Rate ( Bps ) : 38600
> Connection Duration : 5343774
> Modem diagnostics test . . . . . : Passed
> IP Security test . . . . . : Passed
> IPSec policy service is active, but no policy is assigned.
> The command completed successfully
>
> * Is there anyone that can read this and give me some advice on how to
> get Internet connection sharing, and improve my home computer system.
```

microsoft.public.win2000.networking: Re: Cannot setup ICS in Win2000

> I need to finish installling and upgrading the programs on the new  
> computer but I need access to the internet in order to do so. I do  
> not have a modem in the new computer.  
>  
> \* I would appreciate any good links on how to use program features for  
> Windows 2000. I search Windows Knowledge base and Google, But I cannot  
> find all the information I need and can understand. It would also be  
> good to find an Encyclopedia of computer terms and descriptions that  
> could be used as a reference. Annoyances.org has good information but  
> I still fail to get ICS running.