

Re: Can't connect to 2003 server from XP after bridging NICS

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2005-05/msg00619.html>

- *From:* "Brit W. [MS]" <britw@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 10 May 2005 14:03:28 -0700
-

"=?Utf-8?B?cmRlZmlubw==?=" <rdefino@xxxxxxxxxxxx> wrote in news:4422C044-1546-47DA-860D-DD8FB3E8C521@xxxxxxxxxxxx:

> Just to clarify, if it helps. The XP is connected to a linksys router
> running DHCP that is connected to a cable modem. The 2003 server is
> just connected to the XP system.

>

> Now if I remove the bridge and turn on ICS. Do I turn on ICS on both
> nics on the XP system, or just 1 nic. If 1 nic, which one. Also do I
> need to use a cross over cable to connect the 2003 to the XP?

>

> Thanks for the help.

>

> "Brit W. [MS]" wrote:

>

>> "=?Utf-8?B?cmRlZmlubw==?=" <rdefino@xxxxxxxxxxxx> wrote in

>> news:3AA396BB-EB5D-44AF-968C-43CA053BDD92@xxxxxxxxxxxx:

>>

>>> I have computer A (XP MCE) with 2 nic cards. 1 card is set for DHCP

>>> and can get out to the internet, and the other has a manual set IP.

>>> They are 2 different subnets. They are bridged together. Now

>>> computer B is a Windows 2003 server. Not in a domain, just a

>>> workgroup, and it has 1 nic set with a manual ip that's on the same

>>> subnet net as the manually set nic on the XP. On computer A, I can

>>> get out to the internet but when I do a \\<IP of the server> I get

>>> path not found. But I can ping the server and get a reply from the

>>> XP system. Before I bridged the Nics I could open a share on the

>>> server, but could not get out to the internet on computer A. Also,

>>> should I be using a cross over cable between the 2003 and XP

>>> system.

>>>

>>>

>>>

>>> Richard's response is essentially correct. You need only enable ICS

>>> on the XP computer. However, you first need to delete the bridge that

>>> you created between your 2 adapters on the XP computer. You also need

>>> to enable dynamic addressing on all of your adapters; static

Re: Can't connect to 2003 server from XP after bridging NICS

>> addressing won't work with ICS/NAT. You also need to make sure that
>> you enable ICS on the adapter that your modem connects to. Finally,
>> if you are connecting the XP computer to the server, nic-to-nic
>> (without using some form of a network hub), you will need to use a
>> cross-over cable.
>>
>> Richard's information about filesharing sounds exactly right to me.
>>
>> --
>> Brit Weston, Microsoft
>>
>> Please do not send email directly to this alias. This is my online
>> account name for newsgroup participation only.
>>
>> This posting is provided "AS IS" with no warranties, and confers no
>> rights.
>>
>

Since you have a router, you should not need ICS (routers that provide DHCP, generally do Network Address Translation (NAT) as well). Two questions:

Does your router perform NAT?

Does your router have more than one receptacle that you can plug Ethernet cable into?

If the answer to both is yes, then you should plug both the XP computer, and your 2003 Server directly into the Router. In this scenario, you should delete the Network Bridge, and use regular Ethernet cable to connect both computers to the Router. Also, you'd need to configure all of the nics for automatic addressing:

- 1) Open Network Connections.
- 2) Right-click the network connection that you want to configure, and then click Properties.
- 3) On the General tab (for a local area connection) or the Networking tab (for all other connections), click Internet Protocol (TCP/IP), and then click Properties.
- 4) Click Obtain an IP address automatically, and then click OK.

You may need to restart both computers to get everything working correctly.

--

Brit Weston, Microsoft

Please do not send email directly to this alias. This is my online account name for newsgroup participation only.

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

Re: Can't connect to 2003 server from XP after bridging NICS

- *Follow-Ups:*
 - ◆ *Re: Can't connect to 2003 server from XP after bridging NICS*
 - ◇ *From: rdefino*

- *References:*
 - ◆ *Can't connect to 2003 server from XP after bridging NICS*
 - ◇ *From: rdefino*
 - ◆ *Re: Can't connect to 2003 server from XP after bridging NICS*
 - ◇ *From: Brit W. [MS]*
 - ◆ *Re: Can't connect to 2003 server from XP after bridging NICS*
 - ◇ *From: rdefino*

- Prev by Date: *Re: Downgrading frustrations*
- Next by Date: *Re: Zipping/Compressing Files*
- Previous by thread: *Re: Can't connect to 2003 server from XP after bridging NICS*
- Next by thread: *Re: Can't connect to 2003 server from XP after bridging NICS*
- Index(es):
 - ◆ *Date*
 - ◆ *Thread*