

Re: Cannot see 2 PC's on home network

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-10/msg00626.html

- *From:* Chuck <none@xxxxxxxxxxx>
 - *Date:* 18 Oct 2005 17:57:03 -0500
-

On 18 Oct 2005 14:52:04 -0700, "Asaf" <*email_address_deleted*> wrote:

>Hi,
>
>>>From time to time I encounter a problem with my home network (MSHOME1),
>that my two PC's can't see each other in the view workgroup computers.
>Both are running XP SP2, one is a Desktop and one is a Laptop.
>They're both connected via hub to the internet, via cable-modem.
>I also have a personal firewall, in which I've trusted their IP's.
>
>When pinging each other, I can see them both.
>However, when running net view, I receive the following error :
>
>System error 53 has occurred.
>
>The network path was not found.
>
>Here is the ipconfig /all of the Desktop :
>
>Windows IP Configuration
>
> Host Name : STUDYROOM
> Primary Dns Suffix :
> Node Type : Unknown
> IP Routing Enabled. : No
> WINS Proxy Enabled. : No
>
>Ethernet adapter Local Area Connection:
>
> Connection-specific DNS Suffix . :
> Description : SiS 900-Based PCI Fast
>Ethernet Adap
>ter
> Physical Address. : 00-11-2F-DA-23-99
> Dhcp Enabled. : Yes
> Autoconfiguration Enabled : Yes
> IP Address. : 85.64.208.117
> Subnet Mask : 255.255.255.0

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> Default Gateway : 85.64.208.1
> DHCP Server : 213.57.35.2
> DNS Servers : 212.150.48.169
> 206.49.94.234
> Lease Obtained. : Tuesday, October 18, 2005
>8:28:13 PM
>
> Lease Expires : Thursday, October 20, 2005
>11:08:29
>PM
>
>Here is the ipconfig /all of the Laptop :
>
>Windows IP Configuration
>
> Host Name : OFRALAPTOP
> Primary Dns Suffix :
> Node Type : Unknown
> IP Routing Enabled. : No
> WINS Proxy Enabled. : No
>
>Ethernet adapter Wireless Network Connection:
>
> Media State : Media disconnected
> Description : Intel(R)PRO/Wireless 2200BG
>Network
> Connection
> Physical Address. : 00-0E-35-6F-8F-83
>
>Ethernet adapter Local Area Connection:
>
> Connection-specific DNS Suffix . :
> Description : Broadcom 440x 10/100
>Integrated Controller
> Physical Address. : 00-0A-E4-2A-24-75
> Dhcp Enabled. : Yes
> Autoconfiguration Enabled : Yes
> IP Address. : 85.64.218.93
> Subnet Mask : 255.255.255.128
> Default Gateway : 85.64.218.1
> DHCP Server : 213.57.35.2
> DNS Servers : 212.150.48.169
> 206.49.94.234
> Lease Obtained. : Tuesday, October 18, 2005
>11:17:55 PM
> Lease Expires : Friday, October 21, 2005
>10:08:11 PM
>
>I stopped the Computer Browser on the Laptop, thinking that the problem
>might be in the Browser – But that didn't help.
>

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>I will be most grateful if anyone can try helping me.

>

>Thanks,

>Asaf

Asaf,

What type of Internet service do you have? How do you ping one from the other – by name, or just by IP address?

Your problem – or first problem – is that the two are on different subnets. My guess is 2 modems, and 2 cable broadband services?

STUDYROOM: 85.64.208.0/24.

OFRALAPTOP: 85.64.218.0/24.

This creates a segmented workgroup. With this setup, using NetBIOS Over TCP/IP, you should expect browser problems.

<<http://nitecruZR.blogspot.com/2005/07/windows-networking.html>>

<<http://nitecruZR.blogspot.com/2005/08/browsing-across-subnets.html>>

I have 2 alternative solutions for you:

- 1) Connect a NAT router to 1 cable modem, connect both computers to the router. Cancel the other modem service. Elimination of 1 service for 2 months will pay for the router.
- 2) Use IPX/SPX on both computers. Do this properly though.

My personal, and professional, choice would be #1. In a heartbeat.

<<http://nitecruZR.blogspot.com/2005/05/one-unique-case-where-ipxspx-may-help.html>>

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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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• *Follow-Ups:*

- ◆ **Re: Cannot see 2 PC's on home network**

◇ From: Asaf

• *References:*

- ◆ **Cannot see 2 PC's on home network**

◇ From: Asaf

- Prev by Date: **Re: Autistic computer: MSHOME is not accessible**
- Next by Date: **Re: XP – acquiring ip address...**
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