

## Re: Unable to connect to machine behind MS MN-700 router using WAN IP address

**Source:**

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work\\_remotely/2004-04/0661.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work_remotely/2004-04/0661.html)

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**From:** Bob (*spam\_at\_spam.com*)

**Date:** 04/20/04

Date: Tue, 20 Apr 2004 13:05:38 GMT

On Tue, 20 Apr 2004 05:06:02 -0700, =?Utf-8?B?Um9k?=  
<RwBadgley@DELETEDmsn.com> wrote:

>  
> ----- Jeffrey Randow (MVP) wrote: -----  
>  
> 172.16.x.x is a private address. There is not much you can do other  
> than complain to your ISP since you are not in control of the NAT  
> gateway...  
>  
> In other words, you are actually double NAT'ed as your ISP has you  
> behind a NAT (Network Address Translation) gateway and then you go and  
> re-NAT your connection with your router...  
>  
> You should check with your ISP to see if or what it takes to get a  
> publicly addressible LAN IP address. Without this, all of the nice  
> services (Remote Assistance, Remote Desktop, etc) will never work. . .  
>  
> Thanks again, now I can talk to my ISP having a more information under my belt. One other question –  
> what about the 207.107.xxx.xxx address that <http://myipaddress.com> and my dns updater return: is this a  
> publicly addressible IP, and if so, how is it that it can't be accessed?  
>  
> Thanks!  
>  
> Rod

My IP address is wrong! How can that be?

If your computer is located behind a firewall, the firewall may be hiding your computer's actual IP address from myIPaddress.com. In which case the IP address displayed is actually the IP address of the firewall, not your computer.

Similarly, if your computer is behind a "proxy server" or "web cache" (i.e., a computer that intercepts requests for web pages in order to speed up frequently-requested pages), the IP address displayed is

microsoft.public.windowsxp.work\_remotely: Re: Unable to connect to machine behind MS MN-700 router using WAN IP a

probably the IP address of the proxy server or web cache -- not your computer.

Note that your computer may be behind a proxy server or web cache without your knowledge! A number of companies and Internet Service Providers use "transparent web caches", which intercept requests for web pages without any special configuration of your computer.

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#### Non-Routable (Private) IP Addresses

We recommend non-routable IP for home networks. These IP addresses have been set aside for use in home and office networks, when it isn't necessary (or even desirable) to use a public IP address. They are especially useful to the DSL user who has multiple computers connected to a single proxy server, firewall or router (see our Network Overview for details).

Reserved IP addresses for private networks

10.0.0.0 - 10.255.255.255

172.16.0.0 - 172.31.255.255

192.168.0.0 - 192.168.255.255

For more information, see RFC 1918 Address Allocation for Private

Internets: <http://www.fags.org/rfc1918.html>

HTH

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Map Of The Vast Right Wing Conspiracy:

<http://www.freewebs.com/vrwc/>

"You can all go to hell, and I will go to Texas."

--David Crockett