

# Re: Help With VPN Server

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work\\_remotely/2005-06/msg00282.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work_remotely/2005-06/msg00282.html)

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- *From:* "Dave" <Dave@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Sat, 25 Jun 2005 04:08:02 -0700
- 

The PAT addresses are the port address translations (I think that's what it stands for). Basically as the network shares one IP address, anything that comes in on certain ports (TCP Port 1723 and GRE 47 included) are routed to a specific pc (the machine running as the VPN server).

The router is a Telkom rebranded Marconi router (that is a rebrand of someone else's router, I just don't know who's).

Other people have set up VPN's using this type of router (ref:www.mybroadband.co.za). I have also made a post there. I have set all the router settings in accordance with other people's configurations.

VPN Pass Through is enabled as well. The unfortunate thing is there is no documentation on this router as no-one seems to be able to tell me who actually manufactures it.

Thanks  
Dave

"Sooner AI [MVP]" wrote:

- > Well, the PPTP VPN server on a XP box needs to have both TCP Port 1723
- > forwarded through the router to the static LAN IP of the PPTP VPN server box
- > and have GRE Protocol 47 traffic enabled. The latter is sometimes called
- > "PPTP Pass Through" or "VPN Pass Through" depending on the manufacturer of
- > the router.
- >
- > It has been my experience that the ability of consumer grade routers to pass
- > GRE Protocol 47 traffic can be problematic and highly dependent on firmware
- > versions running on the router. Simply stated some work others do not.
- >
- > So, what router are you talking about? With that information perhaps someone
- > can help further...
- >
- > What is a "PAT address"?
- >
- > --
- >

Re: Help With VPN Server

> Al Jarvi (MS-MVP Windows Networking)  
>  
> Please post \*ALL\* questions and replies to the news group for the mutual  
> benefit of all of us...  
> The MS-MVP Program - <http://mvp.support.microsoft.com>  
> This posting is provided "AS IS" with no warranties, and confers no  
> rights...  
>  
>  
> "Dave" <Dave@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
> <news:1FF9AFF6-5F73-42AC-8D8D-ADB9C53232FC@xxxxxxxxxxxxxxxxxxxx>  
>> Hi,  
>>  
>> The set up: A windows xp machine running VPN incoming connections behind  
>> an  
>> ADSL router (that has been configured). All the settings are default  
>> (connect using username and password, etc). The pc is using a dynamic dns  
>> to  
>> update the dns records of the current ip.  
>>  
>> Remote desktop connection works perfectly. All my testing has been done  
>> like this.  
>>  
>> I am having problems setting up a VPN server with Windows XP. I am trying  
>> to figure out exactly where the problem lies. The VPN is located behind  
>> an  
>> ADSL router that has the necessary PAT addresses configured and windows  
>> firewall has been configured (I've even tried disabling it).  
>>  
>> The windows XP machine can connect to my Windows 2000 VPN, but not the  
>> other  
>> way around.  
>>  
>> Basically I am having the following problem:  
>> When I try connect to the VPN from a Windows 2000 Client, I get the  
>> following error message: Error 781: The encryption attempt failed because  
>> no  
>> valid certificate was found.  
>>  
>> When I try connecting from a WinXP client, I get the following message:  
>> Error 800: Unable to establish the VPN connection. The VPN server may be  
>> unreachable, or security parameters may not be configured properly for  
>> this  
>> connection.  
>>  
>> I have done a lot of reading, but all of what I have found is absolute  
>> garbage. It all deals with Windows Server 2003 and Windows XP.  
>>  
>> I have considered getting a certificate to try out, but is this really  
>> necessary?  
>>

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>> I set up a test using an identical system, but from inside a LAN and that  
>> worked fine.  
>>  
>> Basically I need to know whether the problem lies with the router or if I  
>> need to get a certificate for the server.  
>>  
>> Thanks  
>> Dave  
>  
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• **References:**

- ◆ **[Help With VPN Server](#)**
  - ◇ *From:* Dave
- ◆ **[Re: Help With VPN Server](#)**
  - ◇ *From:* Sooner AI [MVP]
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