

## Re: RD works on LAN not across Internet

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work\\_remotely/2005-04/msg00275.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work_remotely/2005-04/msg00275.html)

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- *From:* "mobief" <[mobief@xxxxxxxxxxxxxxxxxxxxxx](mailto:mobief@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 18 Apr 2005 20:16:29 GMT
- 

I think I have the same problem... somebody does solve it ?

"Jim Johnson – Serenity Consulting"

<[JimJohnsonSerenityConsulting@xxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:JimJohnsonSerenityConsulting@xxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
<news:B0457AE0-AB4C-4B38-9022-5A56D44AD5D8@xxxxxxxxxxxxxxxxxxx>

- > I was using a static IP behind the router, and yes the public IP was
- > verified. I have verified that the Windows Firewall's scope for Remote
- > Desktop includes all computers, even those with public IP addresses. No
- > policies have been implemented on the host. My attempted login is with an
- > administrator group account (actually the same account to which I login
- > locally).
- >
- > For last test, I physically by-passed the router altogether and connected
- > the host directly to the DSL modem – along with changing the host's IP
- > settings to fully use DHCP to access the Internet. In other words, the
- > host
- > is no longer part of the LAN (and no other PC on the LAN can connect to
- > the
- > Internet).
- >
- > I *\*still\** cannot make a RD connection across the Internet. Both my former
- > ISP (Charter Cable) and my new ISP (SBC/Yahoo DSL) claim they do not block
- > port 3389. However, using web-based port checking tools, my PC cannot be
- > seen
- > at port 3389. I *\*am\** able to successfully ping the public IP address of
- > the
- > host across the Internet.
- >
- > So, within a LAN using private IP addressing, RD works fine. Using a
- > direct
- > connection to the Internet (no local router in the circuit) and public IP
- > addressing, RD fails.
- >
- > By the way, I had also tested using the router and port forwarding to a
- > static private IP address (no changes from what used to work), AND
- > disabling
- > all software firewall protection at the host (relied on the router's

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> firewall). The result was identical.  
>  
> \*Something\* within the host simply does not like doing RD across the  
> Internet. I am leary of dredging up a SP1 copy of trmserv.dll – but may  
> experiment if no one has a better suggestion.  
>  
> thanks,  
>  
> Jim Johnson  
>  
>  
> "Sooner AI [MVP]" wrote:  
>  
>> Well, if you can connect to the Remote Desktop host across your LAN then  
>> its obviously an issue with  
>> port forwarding through your firewall/NAT/router device or an addressing  
>> issue.  
>>  
>> What router? Are you using a static IP for the PC on your LAN? Are you  
>> calling the correct public IP  
>> for the router?  
>>  
>> There is some troubleshooting help on this page...  
>>  
>> <http://theillustratednetwork.mvps.org/RemoteDesktop/RemoteDesktopSetupandTroubleshooting.html>  
>>  
>> --  
>>  
>> 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...  
>>  
>>  
>> "Jim Johnson – Serenity Consulting"  
>> <JimJohnsonSerenityConsulting@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote  
>> in message <news:A15029FE-AFA4-46B9-A04F-E3807A59A459@xxxxxxxxxxxxxxxxxxx>  
>> > Running XP Pro SP2 on both host (desktop) & client (laptop). Windows  
>> > Firewall  
>> > running on host, Remote Desktop enabled through System Properties and  
>> > users  
>> > assigned (I've also verified that the Firewall allows exceptions and  
>> > Remote  
>> > Desktop is checked, and the 'Advanced' tab shows Remote Desktop enabled  
>> > and  
>> > pointing to itself by computer name).  
>> >  
>> > Remote Desktop works flawlessly when connecting within the LAN.

>>>  
>>> At one time RD worked just fine across the Internet using port  
>>> forwarding  
>>> through my router. Now it refuses to connect across the Internet.  
>>>  
>>> I've tried numerous things, up to and including switching from cable to  
>>> DSL,  
>>> rebuilding the router settings after doing a factory reset -- and even  
>>> by-passing the router and connecting the host directly to the DSL  
>>> modem.  
>>>  
>>> I can ping the host PC without problem, so I know I've got the correct  
>>> IP  
>>> address.  
>>>  
>>> I've seen suggestions for rolling the terminal services .dll on the  
>>> host  
>>> back to the SP1 version. Before doing that, is there something I've  
>>> missed?  
>>> For example, an MS Hotfix?  
>>  
>>  
>>

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• **Follow-Ups:**

- ◆ **Re: RD works on LAN not across Internet**  
◇ From: Sooner AI [MVP]

• **References:**

- ◆ **RD works on LAN not across Internet**  
◇ From: Jim Johnson – Serenity Consulting
- ◆ **Re: RD works on LAN not across Internet**  
◇ From: Sooner AI [MVP]
- ◆ **Re: RD works on LAN not across Internet**  
◇ From: Jim Johnson – Serenity Consulting

- Prev by Date: **Remote Desktop via VPN – black screen**
- Next by Date: **Re: Remote Desktop via VPN – black screen**
- Previous by thread: **Re: RD works on LAN not across Internet**
- Next by thread: **Re: RD works on LAN not across Internet**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**