

Re: RWW Issues When Connecting from WAN Side

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-01/msg01220.html>

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 - *Date:* Thu, 10 Jan 2008 08:29:02 -0800
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Wireshark LAN/WAN Test Results:

LAN (XP Pro Client connecting to Server via RWW)

- Lots of traffic on TCP port 4125
- No traffic on TCP/UDP ports 3389
- Traffic on TCP port 443

WAN (XP Pro Client trying to connect to Server/Client via RWW)

- No traffic on TCP port 4125
- No traffic on TCP/UDP ports 3389
- Traffic on TCP port 443

Observations:

RWW client logs into <http://server/remote>, which creates port 443 traffic.

When RWW client successfully 'connects' to a server/client computer, traffic should show up on TCP 4125. This happens for LAN RWW client, but is not happening for WAN RWW client. Strangely, no traffic is showing up on either TCP or UDP ports 3389 once an RWW session is established. According to Shawn (MSFT) there should be traffic here. Dunno? So the question really is "what is preventing WAN RWW clients from connecting? Firewall rules, DNS, WINS, XP Client Windows Firewall rules – everything looks fine. Back to square A again.. :[

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Thanks,

Paul D.
MCP

"Joe" wrote:

Paul D. wrote:

No chance of external IP conflicts – using non-routable (internal) IPs on the LAN (different from those in my example). Afraid I'm not too savvy with Network Monitor. Any recommendations on how best to use the tool to diagnose

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the situation?

It just collects network traffic. All of it, including ARP broadcasts. You then filter by IP/MAC/whatever to get the stuff you're interested in. It may not be installed, as it isn't by default, you may need to add it as a Windows Component, under Management and Monitoring Tools, and it appears in Administrative Tools. It's reasonably intuitive to use. In this case, start the capture, connect and disconnect a local RWW session, stop the capture and view. Save the capture, then do the same from an outside connection and compare them. Presumably something will be missing from the outside attempt, but if we knew what, we could fix it now.

I prefer Wireshark (formerly Ethereal), but that's an Open Source program, which I wouldn't take responsibility for advising other people to use on a server. Microsoft stuff should be safe.