

Re: Home LAN connectivity

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-09/msg00433.html

- *From:* Malke <invalid@xxxxxxxxxxxxx>
 - *Date:* Wed, 07 Sep 2005 15:55:08 -0700
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Mr. Land wrote:

> Hi, I have kind of a weird problem with connectivity between the nodes
> on my home LAN. I have 1 Windows 2003 Server (call it "2K3") acting
> as
> domain controller and DNS server. 1 SuSE Linux box ("LIN"), and two
> XP
> boxes ("XP1" and "XP2"). These are all hooked up to my router to
> share
> an Internet connection...that works fine. All nodes have static
> addresses. All use same mask and gateway settings.
>
> But access between the nodes isn't symmetrical. I can't seem to
> access
> XP2 from some other nodes. I tested this problem using Windows
> Explorer by trying to look at the shares on XP2. I also experimented
> with using ping, and since ping's behavior duplicates that of Explorer
> in terms of the connectivity problem, I'll use its behavior to try to
> describe what's happening:
>
> Pinging XP2 from 2K3 works
> XP2 from XP1 fails
> XP2 from LIN fails
> XP2 from XP2 works
>
> All other combinations work. I also tried using IP addresses instead
> of node names, and got the same results. What would cause my second
> XP machine to be unreachable, but only from certain other nodes?
>
> Thanks.

It sounds like some of the XP machines have a misconfigured firewall in place. Since you have a fairly complex network, it will probably be good for you to go through this network troubleshooter by MVP Hans Georg Michna:

<http://www.michna.com/kb/wxnet.htm>

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I assume you are running Samba on SuSE and have the SuSE firewall also configured correctly.

Malke

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- ***Follow-Ups:***
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 - ◇ *From:* Mr. Land

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