

Re: Adding Printer FIX

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-12/0036.html>

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Very cool. Thanks for posting, Joe.

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Always try the MS KB first before posting.

MS KB: <http://support.microsoft.com/default.aspx?scid=fh;EN-US;KBHOWTO>

And the answer could have already been posted, so try searching this and other newsgroups first.

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"Joe" <Joe@discussions.microsoft.com> wrote in message news:611D5C06-0705-45BC-8D1F-08619F5D543

Hello,

After approximately 20 or more posts and 1 week's time I found a solution!

This setup or configuration is not common but very effective in my case.

I do think some smaller networks will benefit.

Setup:

1 server 2003 enterprise machine: IIS, mail and File server- and now partial print server.

2 internal XP machines PRO

2 external XP machines PRO

The server has two nic cards 1 public IP and the other internal IP out to an 8 port switch.

(no router)

The server is a workstation not a DC so this is what is not normal in this case. Also a workgroup environment and no DHCP

What was the problem?

The internal XP machines could see everything and connect. The internal network was just fine all printers shared and accessible.

However, the printers were not on the server itself. They were both connected to one of the internal XP machines.

Well what seemed to be the problem?

Well... The external XP machines had no problem connecting VPN but could not "see" the printers. Very strange? I could access, change and delete files on the shares. However I tried i could not get the external XP machines to connect even though they were shared. Hmmm...? I couldn't even find them!

Resolution

1. Join all internal machines to the same workgroup as the server.

2. Remote into the server and add the shared printers. This leaves you without a physical connection to the server and no SCSI cards need be added.

It also gives you the ability to print directly from the server if ever need. (Sometimes it is).

3. You must run the wizard in XP service pack 2 to allow printer and file

sharing and make sure you change the workgroup name to the servers workgroup

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while doing so.

4. Remote into the server again and run the new connection wizard select make an advanced connection and proceed to allow VPN connections.
5. After completing that go to connections folder and look for the remote connection you just made and right-click on it > properties>networking tab>TCP/IP>properties. Select to give static IP's to the incoming VPN machines. You can put whatever you want. But I would match my network IP's. Do not tick the box that says "allow calling computers to select their own IP" something to that effect I don't completely remember. Apply everything you have done and back out of there. On the general tab tick the box that says "Show icon in notification area when connected" also make sure the "Allow Virtual Private connections" is ticked just above it. Next on the users tab select the users who are permitted to connect.
6. Also on the networking tab you have to have the checkbox that says "Allow callers to access my local area network".
7. Go to the remote machines physically and run the connection wizard and select to "connect to the network at my workplace". Fill in the required information such as the public IP of the server. Once you make that connection an icon will be put on your desktop. Double click and connect. After you connect you can see the Icon on your remote machine in the system tray (lower right hand side of the windows toolbar). Double click it and look at the Details tab you will see the details and the server IP. It should be one that you statically configured earlier.
8. We are almost done!! Pheewww. Now click start run and type
\\IP of VPN\sharename
example mine is
\\192.168.254.100\Sharename. However this will work for files but not printers even if they are shared. You must type:
\\192.164.254.100\ this will open up all shared folders and you will now see printers and faxes folder. Open that folder and right click on the printer you want and connect!!! woot!
9. One last thing. If you connect and try to open a share you may be prompted for your credentials again. If so... enter the ones you need to have access. If you want to stop this from happening just add your username and password from the XP machines identically on the server. No logon scripts =)
Thank you
Joseph F. Voldeck II