

## Re: VPN Setup

**Source:** <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa.vpn/2004-02/0032.html>

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**From:** Bill Grant (*not.available\_at\_online*)

**Date:** 02/24/04

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HOSTS and LMHOSTS are simple files which contain a list of names and addresses. They enable the client machine to look up a name and get its IP address when DNS or WINS is not available.

Most client machines will already have a sample file set up. Just do a search for HOSTS or LMHOSTS. HOSTS uses a format similar to DNS, while LMHOSTS uses Netbios names.

When you edit one of these files, make sure you save it exactly as it was – ie a simple file with no extension. The system will not recognise it if it has a .txt or .dat extension.

"Dave" <e@mail.co.uk> wrote in message  
news:c1csq2\$62j\$1@sparta.btinternet.com...

> --Quote-----

>

> 2. Name resolution. The VPN does not carry broadcasts, so you can't  
resolve

> names to IP addresses by broadcast. If you are not running DNS or WINS on  
> the LAN, you will need to add HOSTS or LMHOSTS files to the remote  
clients,

> with entries for all machines on the LAN you need to access by name.

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>

> How do you do this?

>

> I am using copies on WinXP Home.

> one at home and the other in work.

>

> From what you have written i can see why i can connect but get no access  
to

> the machines.

>

> Thanks for any help

>

> Dave

>

>  
>  
> *"Bill Grant" <bill\_grant at bigpond dot com> wrote in message*  
> *news:uolKa78qDHA.2536@tk2msfngp13.phx.gbl...*  
>> *First things first. You do not have to install Active Directory.*  
Remote  
>> *clients do not need to be domain members to access resources, even if*  
*you*  
>> *are running AD. But they must have valid credentials to access resouces,*  
>> *whether you use AD or not.*  
>>  
>> *There are at least three separate things to consider.*  
>>  
>> *1. Making a VPN connection just gives you an IP connection. It does not*  
>> *automatically give you a login or name resolution. And it doesn't give*  
*you*  
>> *file access.*  
>>  
>> *2. Name resolution. The VPN does not carry broadcasts, so you can't*  
> *resolve*  
>> *names to IP addresses by broadcast. If you are not running DNS or WINS*  
*on*  
>> *the LAN, you will need to add HOSTS or LMHOSTS files to the remote*  
> *clients,*  
>> *with entries for all machines on the LAN you need to access by name.*  
>>  
>> *3. Credentials. To access files on LAN machines, the clients will need*  
>> *credentials which are valid on that machine. In a domain setup, valid*  
> *domain*  
>> *credentials give you access to any resouces in the domain. Without a*  
> *domain*  
>> *setup, you need credentials which are valid on the machine's local SAM*  
>> *database. If the clients have done a local login before they make the*  
VPN  
>> *connection, these credentials will be used to try to access the remote*  
>> *resources.*  
>>  
>> *All the OSs you mention behave differently. It is largely a matter*  
*of*  
>> *trial and error to get each one working. Make sure the W9x machines have*  
> *the*  
>> *latest version of dialup networking installed.*  
>>  
>> *"David Maggard" <drm31415@charter.net> wrote in message*  
>> *news:eT5fpG1qDHA.2304@TK2MSFTNGP11.phx.gbl...*  
>>> *Can Someone tell me if this is possible and if so how?*  
>>>  
>>> *I have a non-AD Win2K Server with Broadband Internet with RRAS*  
installed  
>>> *with user accounts for the VPN users and a simple pest control*  
customer

> > > *managment network app installed.*  
> > >  
> > > *I have remote computers with Dialup connections with OS's ranging from*  
> *98,*  
> > > *98 SE, ME, and XP (and possibly a 95).*  
> > >  
> > > *I need to get VPN(PPTP) setup where they connect to win2k and map a*  
> *drive*  
> > > *(did this b4 with a batch file that ran the vpn connection and.then*  
> *mapped*  
> > > *the drive using 'net use')*  
> > >  
> > > *I am currently trying to get it setup on the xp machine, and have the*  
> *VPN*  
> > > *connecting, but I can't see the share on win2k.*  
> > > *Do I have to install Active Directory on the win2K(the only other VPN*  
I  
> > *have*  
> > > *setup was AD with both pcs running win2000 using certs for auth)?*  
> > > *Are there permission issues I am missing?*  
> > > *Will I need to make the local account names match on the client &*  
*server*  
> > *or*  
> > > *will it work with just the vpn login info(and Username & Password in*  
*the*  
> > > *batch file)?*  
> > > *Are their any good docs on setting up a vpn for old clients like this?*  
> > >  
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> >  
> >  
>  
>