

## Re: How to connect the NT4 PCD from windows 2003 server

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.win2000.security/2004-05/0635.html>

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**From:** Lillian (*anonymous\_at\_discussions.microsoft.com*)

**Date:** 05/11/04

Date: Tue, 11 May 2004 11:45:38 -0700

Steve:

I use DHCP to assign IP address to the client, also internal is on top of external on the network connection advance setting, on the lmost file for NT4 I only define as 128.97.213.11, not 192.168.1.100, how to add the entry for lmhosts files on NT4 server, the lmhosts files it say" 128.97.213.11 glctest #PRE #DOM:TRAINING1

Lillian

>-----Original Message-----

>I see you have two IP addresses on your server – 128.97.213.11 and

>192.168.1.100. Usually the 192.168.xxx.xxx range is used for internal

>networking. If that is the case you may need to modify your lmhosts files to

>reflect those addresses. Are the 128.97.213.xxx range used for internet

>access or ipsec tunnel?? The network adapters used for internal networking

>should also be at the top of the priority list such as shown in network

>connections/advanced/advanced settings for Windows 2003.

I am not sure about

>your question with Exchange, but you probably could find an answer in one of

>the Exchange newsgroups. The link below may also be helpful in

>troubleshooting the RPC server is unavailable message. --  
– Steve

>

><http://support.microsoft.com/default.aspx?scid=kb;en-us;Q224370>

>

>"Lillian" <anonymous@discussions.microsoft.com> wrote in

microsoft.public.win2000.security: Re: How to connect the NT4 PCD from windows 2003 server

message

>news:b3f501c43778\$801130f0\$a401280a@phx.gbl...

>> Steve:

>>

>> Here is what I change according yours:

>>

>> Digitally sign communications (always)...Disable

>> Digitally sign communications (if server agrees)...Enable

>> Digitally sign communications (always)...Disable

>> Digitally sign communications (if client agrees)...Enable

>> From NT2003 server, I did nbtstat -R, then nbtstat -c, it

>> show as following...

>>

>> External:

>> Node IPAddress: [128.97.213.11] Scope ID: []

>> Netbios Remote Cache Name Table

>> Name Type Node Address Life

>> -----

>> GLCDOM <03> UNIQUE 128.97.213.11 -1

>> GLCDOM <00> UNIQUE 128.97.213.11 -1

>> GLCDOM <20> UNIQUE 128.97.213.11 -1

>>

>> Internal:

>> Node IP address: [192.168.1.100] Scope ID: []

>> no Name in cache.

>>

>> From NT4 server, I type nbtstat -c

>> NetBios Remote Cache Name Table

>> -----

>> Name Type Node Address Life

>> TRAINING1 <1C> Group 128.97.213.10 -1

>> GLCTEST1 <03> UNIQUE 128.97.213.10 -1

>> GLCTEST1 <00> UNIQUE 128.97.213.10 -1

>> GLCTEST1 <20> UNIQUE 128.97.213.10 -1

>>

>> Then I go to active directory users and computers, right

>> click on traing1.gov, select connect to domain controller,

>> on the enter the name of another domain controller, I

>> type in the box say " Any writable domain controller" I

>> type glcdom, which is my NT4 domain controller name, it

>> say " The following domain controller could not be

>> contacted: glcdom. the RPC server is unavailable"

>>

>> The purpose of this NT2003 server and NT4 server, because

>> NT4 server is exchange 5.5 server, the username "glc17"

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>> is on exchange server has mail box, now I login on the
>> workstation connect to Training1 server, if I double
>> click the outlook, I want the domain point
to "Training1"
>> server instead of "GLCDOM" server, is that possible, is
>> windows 2003 server can work on exchange 5.5 server?
>>
>> Thanks for all the help.
>>
>> Lillian
>> Thanks for all the help.
>>
>> Lillian
>>
>> >-----Original Message-----
>> >It still sounds like the W2003 domain controller can
not
>> find the NT4.0
>> >domain controller per your error message. Did you try
>> the lmhosts file on
>> >the W2003 domain controller and double check that the
it
>> is in the netbios
>> >name cache via nbtstat -c ??Are there any pertinent
>> messages in the Event
>> >Viewer of either domain controller that may provide a
>> clue? Did you try
>> >disabling digitally sign communications "always"?? -

--
>> Steve
>> >
>> >
>> >"Lillian" <anonymous@discussions.microsoft.com> wrote
in
>> message
>> >news:b59b01c43764$3f819250$a001280a@phx.gbl...
>> >> Steve:
>> >>
>> >> The two way trust is working now as I explain
early
>> >> that NT4 server I can see the Training1
(NT2003server)
>> >> and
>> >> GLCDOM (NT4PDC) both domain, but how did you make
the
>> >> connection from NT2003 server to see the GLCDOM?
>> >>
>> >>
>> >> Lillian
>> >>
>> >>
>> >> >-----Original Message-----
>> >> >Hi again Lillian. I know you replied to me in an
>> >> earlier
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## microsoft.public.win2000.security: Re: How to connect the NT4 PCD from windows 2003 server

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>> >> post and I lost
>> >> >track of it - sorry.
>> >> >
>> >> >I would first use Windows 2003 AD Domain and
Trusts to
>> >> go to the trust with
>> >> >the NT domain and in the properties of the trust
for
>> >> incoming and outgoing
>> >> >try to validate the trusts to see if they still are
>> >> enabled.
>> >> >
>> >> >Microsoft recommends that you use SP6A on any NT4.0
>> >> computers involed in a
>> >> >trust with a W2003 domain. I would also go into
Domain
>> >> >Controllor Security
>> >> >Policy on the W2003 domain and in security
>> >> settings/local policies/security
>> >> >options disable the two options for digitally sign
>> >> communications "always"
>> >> >and make sure the two options for digitally sign
>> >> communications if
>> >> >client/server agrees are enabled at least until the
>> >> problem is resolved.
>> >> >
>> >> >Trusts between NT domain use netbios name
resolution
>> >> and
>> >> therefore you need
>> >> >to use lmhosts or wins for the domain controllers
to
>> >> find each other. If you
>> >> >use wins, they need to be replication partners
between
>> >> domains and both
>> >> >domain controllers need to be wins clients.
However in
>> >> you may want to try
>> >> >an lmhosts file using the #PRE tag. When you create
>> >> lmhosts file make sure
>> >> >it is saved with no extension. You can also use
>> >> nbtstat -
>> >> c on the Windows
>> >> >2003 domain controller where you create the lmhost
>> >> file
>> >> and you will see an
>> >> >entry for the NT domain controller if you did it
>> >> correctly. See the link
>> >> >below on lmhosts file and note that the entries are
>> >> case
>> >> sensitive.
>> >> >Nbtstat -R will clear and reload the netbios name
>> >> cache
>> >> after you create
>> >> >your lmhosts file. --- Steve
>> >> >
>> >> >http://support.microsoft.com/default.aspx?scid=kb;en-us;314108
>> >> >
>> >> >Below is what you should see via nbtstat -c as an
```



microsoft.public.win2000.security: Re: How to connect the NT4 PCD from windows 2003 server

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