

Re: cannot join WinXP to Windows 2000 domain

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2008-06/msg00024.html

- *From:* Meinolf Weber <meiweb(nospam)@gmx.de>
 - *Date:* Fri, 13 Jun 2008 14:12:41 +0000 (UTC)
-

Hello Russell,

Please post the output from netdiag /v and dcdiag /v. Additional post an unedited ipconfig /all from both servers and the client machine.

Best regards

Meinolf Weber

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Below is the error message when attempting to join domain. It finds the DC. nslookup can resolve the DC both forward and backward, so it seems that the A record for DC must be right.

Now, here is the odd situation. This W2000 DC (Domain1) is using another server W2003 DC (Domain2) for it's DNS and the LAN's DHCP services. (I think this was done so the LAN would have a single DHCP server.)

I would even be willing to move the W2000 DNS services to reside on the Domain1 DC if that would solve problem. I'm not sure how to get all the DNS records set up for Active Directory if not done as part of the original dcpromo.

Any further advice appreciated. Russell

DNS was successfully queried for the service location (SRV) resource record

used to locate a domain controller for domain ccs:

The query was for the SRV record for _ldap._tcp.dc._msdcs.ccs

The following domain controllers were identified by the query:

ccsserver.ccs

Common causes of this error include:

- Host (A) records that map the name of the domain controller to its

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IP

addresses are missing or contain incorrect addresses.

– Domain controllers registered in DNS are not connected to the network or are not running.

For information about correcting this problem, click Help.

Search the Web:

domain name

"Meinolf Weber" <meiweb(nospam)@gmx.de> wrote in message news:ff16fb66a0eab8ca9ab647b6ec2e@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello Russell,

What is the error message during the join process?

Also you mix a bit 2 different items, client join problem and DC diagnostic/troubleshooting

tools. So if you think there are domain problems run dcdiag, netdiag and

repadmin /showreps and post the complete output here. For the clients check

that they have the correct ip settings, subnet mask and only domain internal

DNS server. Make sure that no firewall is enabled.

Best regards

Meinolf Weber

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I have previously been successful joining WinXP PC to this Win2000

domain. Have 2 new PCs with WinXP SP3 that will not join the domain.

dcdiag.txt output is show below. nslookup resolves the server name

fine. I do not have reverse DNS zone configured. (never needed

that in past for joining PC to this domain). I'm stumped. Any suggestions appreciated. Russell

-----dcdiag.txt ____

The domain name ccs might be a NetBIOS domain name. If this is the

case,

verify that the domain name is properly registered with WINS.

If you are certain that the name is not a NetBIOS domain

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name, then
the following information can help you troubleshoot your
DNS
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The query was for the SRV record for
_ldap._tcp.dc._msdcs.ccs The
following domain controllers were identified by the query:
ccsserver.ccs

Common causes of this error include:

- Host (A) records that map the name of the domain controller to its IP addresses are missing or contain incorrect addresses.
- Domain controllers registered in DNS are not connected to the network or are not running.

For information about correcting this problem, click Help.
