

Re: Windows cannot obtain the domain controller name for your computer

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-08/msg01315

- *From:* "Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 28 Aug 2007 07:32:23 -0500
-

Run diagnostics against your Active Directory domain.

If you don't have the support tools installed, install them from your server install disk.

d:\support\tools\setup.exe

Run dcdiag, netdiag and repadmin in verbose mode.

-> DCDIAG /V /C /D /E /s:yourdcname > c:\dcdiag.log

-> netdiag.exe /v > c:\netdiag.log (On each dc)

-> repadmin.exe /showrepl dc* /verbose /all /intersite > c:\repl.txt

****Note:** Using the /E switch in dcdiag will run diagnostics against ALL dc's in the forest. If you have significant numbers of DC's this test could generate significant detail and take a long time. You also want to take into account slow links to dc's will also add to the testing time.

If you download a gui script I wrote it should be simple to set and run (DCDiag and NetDiag). It also has the option to run individual tests without having to learn all the switch options. The details will be output in notepad text files that pop up automatically.

The script is located on my website at

<http://www.pbbergs.com/windows/downloads.htm>

Just select both dcdiag and netdiag make sure verbose is set. (Leave the default settings for dcdiag as set when selected)

When complete search for fail, error and warning messages.

Paul Bergson
MVP – Directory Services
MCT, MCSE, MCSA, Security+, BS CSci
2003, 2000 (Early Achiever), NT

<http://www.pbbergs.com>

Re: Windows cannot obtain the domain controller name for your computer

Please no e-mails, any questions should be posted in the NewsGroup
This posting is provided "AS IS" with no warranties, and confers no rights.

"Pauli" <Pauli@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:B4AFD15C-3C54-491E-851A-F99107671D42@xxxxxxxxxxxxxxxxxxxx

Hi,

I have two windows 2003 servers, one running R2 setup as domain controllers.

Last week the one owing the 5 roles suffered a processor failure and as it was pretty old I decided to replace it.

Fortunately, I managed to get it up and running long enough to transfer the role ownership to the other box, demote it from being a DC (DCPROMO) and remove it from the domain. I then installed the new server from scratch using the same name and IP address as the old one, added it to the domain, promoted it to being a DC and transferred role ownership back to it.

However, in the new server's event logs every 10 minutes I get the error: 1054 "Windows cannot obtain the domain controller name for your computer network. (An unexpected network error occurred.). Group Policy processing aborted. " every 5 minutes or so.

NTDSUTIL shows the new server is the owner of all the roles, its name correctly appears in DNS. If I use NTDSUTIL to transfer the "Infrastructure master" role to the new machine (even though it already owns it), fixes the error for about 12 hours then it reappears.

I would appreciate any help in resolving this problem.

Thanks