

Re: Clients can't find the domain controller

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2005-11/msg00104.html

- *From:* Enkidu <enkidu.com@xxxxxxxxxxxxxxxx>
 - *Date:* Sat, 05 Nov 2005 16:43:16 +1300
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JH wrote:

Hi,

I have a W2K domin with 13 DC's at different locations, at one location the W2K clients can't find the local DC. In the application log there are lots of Error messages:

Source:Userenv

Eventid:1000

Description: Windows cannot obtain the domain controller name for your computer network. Return value (59).

There was 2 DC's at that location earlier, but I had to demote one of them and take it away. Where do the clients store data about which DC it should ping contact. I have some feeling that the clients may try to find the demoted DC and not the one up and running...

In the file C:\Winnt\debug\Usermode\userenv.log there are some entries ping failures:

```
USERENV(bc.c8) 11:13:17:634 EnterCriticalPolicySection: User
critical section has been claimed. Handle = 0x63c
USERENV(bc.c8) 11:13:17:634 ProcessGPOs: Machine role is 2.
USERENV(bc.c8) 11:13:17:644 PingComputer: PingBufferSize set
as 2048
USERENV(bc.c8) 11:13:17:644 PingComputer: First send has a
reply buffer failure of 11002
USERENV(bc.c8) 11:13:23:082 PingComputer: First send 0x358519f
failed with 11010
USERENV(bc.c8) 11:13:23:082 PingComputer: First send has a
reply buffer failure of 11002
USERENV(bc.c8) 11:13:23:082 PingComputer: No data available
USERENV(bc.c8) 11:13:23:482 PingComputer: PingBufferSize set
as 2048
USERENV(bc.c8) 11:13:28:589 PingComputer: First send 0x472519f
failed with 11010
```

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```
USERENV(bc.c8) 11:13:28:589 PingComputer: First send has a  
reply buffer failure of 11002  
USERENV(bc.c8) 11:13:33:597 PingComputer: First send 0x472519f  
failed with 11010  
USERENV(bc.c8) 11:13:33:597 PingComputer: No data available  
USERENV(bc.c8) 11:13:33:597 ProcessGPOs: DSGetDCName failed  
with 59.
```

It's almost certainly DNS. Clients do not store information about the DCs. When you said in another post that nslookup works fine, what were you looking up? The client must be able to find the SRV records in DNS.

Cheers,

Cliff

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Barzoomian the Martian - <http://barzoomian.blogspot.com>

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