

Re: DNS Issues – After Upgrading to ADS

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-04/msg00529.html>

- *From:* "DJ" <no@xxxxxxxx>
 - *Date:* Wed, 26 Apr 2006 13:32:43 -0400
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When I promoted the new hardware to PDC, it demoted the existing PDC to BDC and hence, I have a BDC for fallback. That portion works fine. I need the DNS issue addressed.

Thanks anyway

"Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx> wrote in message news:OA4nxxUaGHA.4916@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

DJ wrote:

Hello All:

Prepping for an upgrade from 4.0 to 2003 and am running into some issues in our lab environment. Here's a brief look at the setup and what has occurred.

NT 4.0 Domain – mydomain

1 PDC
1 BDC

Existing internal DNS servers. Both servicing internal clients with forwarders set to go out to our ISP's name servers. We have 2 external name servers in our DMZ but they don't play into this issue.

DNS1
DNS2

Upgrade –

Put up a new BDC (DC1) on good hardware, promoted it to PDC. Took old pdc offline for failover.

Actually, you should have kept a disconnected BDC for failover.
How To Upgrade a Windows NT 4.0-Based PDC to a Windows Server 2003-Based Domain Controller: <http://support.microsoft.com/kb/326209/en-us>

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In my existing DNS environment, I created a zone, mydomain.com and made the soon to be new DC (DC1) in the AD domain as authoritative and created entries as follows.

NS – (nameserver record) DC1.MYDOMAIN.COM
A – (host record) dc1 – 10.0.8.111

Ran 2003 upgrade on DC1 and it went fine. I can login, access resources etc. Problem is this:

I cannot run DCPROMO on any other existing 2000 servers. I get an error telling me that the MYDOMAIN.COM is not an active directory domain or the DNS server cannot be contacted. It's pingable by name so it is not a network issue and resolution is there. I have obviously done something wrong here. Can anyone offer some help with this?

Are the Win2k using the same DNS server as the Win2k3?

Install the support tools from the WinServer2003 CD to the 2k3 and run dcdiag /fix & netdiag /fix, then run dcdiag /v & netdiag /v and look for errors. Post results from a netdiag /test:ipconfig /test:dns /v if you find

DNS errors. (This netdiag will uncover most of the common errors in Configuring TCP/IP and DNS) Note– These two apps create log files in the directory they are ran from e.g C:\Documents and Settings\Administrator.

The Win2k Servers have the same tools, but you must install them from the Win2k CD.

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Best regards,
Kevin D. Goodknecht Sr. [MVP]
Hope This Helps

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<http://www.lonestaramerica.com/>
<http://support.wftx.us/>
<https://secure.lsaol.com/>

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Use Outlook Express?... Get OE_Quotefix:
It will strip signature out and more
<http://home.in.tum.de/~jain/software/oe-quotefix/>

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Keep a back up of your OE settings and folders with OEBackup:

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<http://www.oehelp.com/OEBackup/Default.aspx>

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