

Re: DNS Nightmare – Can't create forward zone

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2006-05/msg00031.html

- *From:* "Jorge de Almeida Pinto [MVP]"
<SubstituteThisWithMyFullNameSeparatedByDots@xxxxxxxxxx>
 - *Date:* Tue, 2 May 2006 20:34:31 +0200
-

Do the default DNS application partitions exist on the DC/DNS server or at all?

under the ZONE domain.net you should see a subdomain called "DomainDNSZones" and "ForestDNSZones".

Yes or no?

I no.. then -->

<http://www.windowsitpro.com/Article/ArticleID/47199/47199.html>

if the DNS app. partition does not exist on that particular DC/DNS server but it does on others, check if replication is working.

if it does not exist (for some reason) on all DC/DNS servers then recreate it.

<http://technet2.microsoft.com/WindowsServer/en/Library/c2d2fcbd-c859-493e-a4fc-af57a880db11033.mspx>

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Cheers,

(HOPEFULLY THIS INFORMATION HELPS YOU!)

Jorge de Almeida Pinto # MVP Windows Server – Directory Services

BLOG --> <http://blogs.dirteam.com/blogs/jorge/default.aspx>

* This posting is provided "AS IS" with no warranties and confers no rights!

* Always test before implementing!

<BertramWilberforceWooster@xxxxxxxxxx> wrote in message
news:1146568942.501480.255050@xx

Hi,

I am having trouble with Active Directory and DNS on a new Windows 2003 box. The default entries (_ldap etc.) which are usually created by

Re: DNS Nightmare – Can't create forward zone

netlogon are not there, nor can I manage to create them. I have tried creating the forward zone from scratch, however I am not able to.

When I try to create a new forward zone, I get the message:

"The zone cannot be replicated to all DNS servers in the (null) Active Directory domain because the required application directory partition does not exist. Only Enterprise Administrators have the appropriate permissions to create an application directory partition."

As I'm logged on as Administrator, which is in the Enterprise Admins group, this is somewhat worrying!

The message goes on to advise me to try using "Replicate to All Domain Controllers in the Active Directory Domain" option. When I do this I get:

"The zone can not be created – The data is invalid"

netdiag /fix gives the following output:

<snip>

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DNS test . . . . . : Failed
[WARNING] Cannot find a primary authoritative DNS server for
the name
'dbsvr.domain.net.'. [ERROR_TIMEOUT]
The name 'dbsvr.domain.net.' may not be registered in DNS.
[WARNING] Cannot find a primary authoritative DNS server for
the name
'dbsvr.domain.net.'. [ERROR_TIMEOUT]
The name 'dbsvr.domain.net.' may not be registered in DNS.
[FATAL] Failed to fix: DC DNS entry domain.net. re-registration on
DNS server '100.200.52.145' failed.
DNS Error code: 0x00002339
[FATAL] Failed to fix: DC DNS entry _ldap._tcp.domain.net.
re-registration on DNS server '100.200.52.145' failed.
DNS Error code: 0x00002339
[FATAL] Failed to fix: DC DNS entry
_ldap._tcp.Default-First-Site-Name._sites.domain.net. re-registration
on DNS server '100.200.52.145' failed.
DNS Error code: 0x00002339
[FATAL] Failed to fix: DC DNS entry
_ldap._tcp.ec198d88-e0cb-4344-8703-b17839ed5ebd.domains._msdcs.domain.net.
re-registration on DNS server '100.200.52.145' failed.
DNS Error code: 0x00002339
[FATAL] Failed to fix: DC DNS entry
1750286d-b0a6-4633-a9d0-63967c9a5fcb._msdcs.domain.net.
re-registration on DNS server '100.200.52.145' failed.
DNS Error code: 0x00002339
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Re: DNS Nightmare – Can't create forward zone

[FATAL] Failed to fix: DC DNS entry
_kerberos._tcp.dc._msdcs.domain.net. re-registration on DNS server
'100.200.52.145' failed.

<snip>

Does anyone know what steps I can take to get me back on my feet with regards to DNS? Just let me know if you want the output from any more commands.

As I'm sure you can imagine, this lack of DNS is causing me all sorts of problems with AD, so any advice you can give will be immensely appreciated!

Thanks,

Berty

(I'm afraid I've also posted this in .sbs, as I wasn't sure which was the best location)